

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110451.D
 Acq On : 3 Nov 2018 10:20
 Operator : JU/SJ
 Sample : PB114423BS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 05 03:49:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	76200	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	287172	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	117278	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	190778	20.00	ng	0.00
76) Chrysene-d12	14.13	240	119586	20.00	ng	0.00
87) Perylene-d12	15.66	264	87614	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	432318	92.39	ng	0.01
7) Phenol-d6	6.58	99	537428	89.79	ng	0.00
23) Nitrobenzene-d5	7.52	82	483019	99.76	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	98035	84.39	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	855038	114.48	ng	0.00
79) Terphenyl-d14	13.07	244	663087	115.32	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.88	88	73985	30.178	ng	89
3) Pyridine	3.65	79	212507	38.917	ng	87
4) n-Nitrosodimethylamine	3.61	42	107265	46.887	ng	92
6) Aniline	6.62	93	165961	21.286	ng	# 53
8) 2-Chlorophenol	6.74	128	235157	43.590	ng	96
9) Benzaldehyde	6.51	77	153842	46.354	ng	96
10) Phenol	6.60	94	287716	44.972	ng	# 62
11) bis(2-Chloroethyl)ether	6.69	93	213394	40.542	ng	93
12) 1,3-Dichlorobenzene	6.90	146	246348	41.494	ng	97
13) 1,4-Dichlorobenzene	6.97	146	247635	41.242	ng	99
14) 1,2-Dichlorobenzene	7.13	146	234132	42.004	ng	99
15) Benzyl Alcohol	7.09	79	197868	42.984	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.22	45	344589	40.946	ng	70
17) 2-Methylphenol	7.20	107	190423	44.290	ng	# 81
18) Hexachloroethane	7.46	117	76316	34.716	ng	95
19) n-Nitroso-di-n-propylamine	7.36	70	157211	40.943	ng	97
20) 3+4-Methylphenols	7.36	107	238062	42.836	ng	# 81
22) Acetophenone	7.36	105	318175	48.084	ng	# 94
24) Nitrobenzene	7.54	77	237851	47.583	ng	95
25) Isophorone	7.77	82	424459	51.430	ng	96
26) 2-Nitrophenol	7.86	139	96845	40.714	ng	92
27) 2,4-Dimethylphenol	7.89	122	206645	52.399	ng	97
28) bis(2-Chloroethoxy)methane	7.98	93	272860	48.668	ng	99
29) 2,4-Dichlorophenol	8.09	162	182572	45.823	ng	98
30) 1,2,4-Trichlorobenzene	8.18	180	201081	45.056	ng	92
31) Naphthalene	8.26	128	644222	48.674	ng	99
32) Benzoic acid	7.99	122	68903	22.606	ng	94
33) 4-Chloroaniline	8.31	127	84817	14.239	ng	98
34) Hexachlorobutadiene	8.37	225	113156	45.665	ng	98
35) Caprolactam	8.68	113	53121	38.252	ng	94
36) 4-Chloro-3-methylphenol	8.79	107	190016	44.103	ng	93
37) 2-Methylnaphthalene	8.95	142	434452	49.612	ng	98
38) 1-Methylnaphthalene	9.05	142	400543	47.332	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	182243	49.873	ng	98

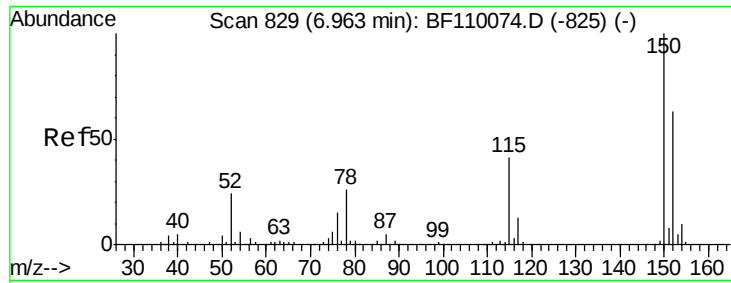
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110451.D
 Acq On : 3 Nov 2018 10:20
 Operator : JU/SJ
 Sample : PB114423BS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 05 03:49:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	28800	15.414	nq	98
43) 2,4,6-Trichlorophenol	9.23	196	111417	47.273	nq	96
44) 2,4,5-Trichlorophenol	9.27	196	117984	47.358	nq	96
46) 1,1'-Biphenyl	9.42	154	511657	48.245	nq	99
47) 2-Chloronaphthalene	9.45	162	371354	47.736	nq	99
48) 2-Nitroaniline	9.54	65	121966	51.738	nq	97
49) Acenaphthylene	9.86	152	569324	50.669	nq	99
50) Dimethylphthalate	9.71	163	453521	52.387	nq	99
51) 2,6-Dinitrotoluene	9.78	165	83236	44.636	nq	94
52) Acenaphthene	10.03	154	337061	45.345	nq	98
53) 3-Nitroaniline	9.95	138	91256	41.151	nq	94
54) 2,4-Dinitrophenol	10.07	184	6157	12.956	nq	86
55) Dibenzofuran	10.20	168	485152	46.617	nq	97
56) 4-Nitrophenol	10.12	139	162290	98.880	nq	94
57) 2,4-Dinitrotoluene	10.19	165	99733	42.106	nq	92
58) Fluorene	10.55	166	377352	48.719	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	84917	41.818	nq	# 93
60) Diethylphthalate	10.41	149	426376	50.454	nq	99
61) 4-Chlorophenyl-phenylether	10.53	204	184143	45.067	nq	100
62) 4-Nitroaniline	10.57	138	94499	42.845	nq	90
63) Azobenzene	10.69	77	381650	45.498	nq	98
65) 4,6-Dinitro-2-methylphenol	10.60	198	5931	6.805	nq	85
66) n-Nitrosodiphenylamine	10.65	169	326357	52.154	nq	97
67) 4-Bromophenyl-phenylether	11.03	248	103487	50.008	nq	96
68) Hexachlorobenzene	11.10	284	103279	47.037	nq	97
69) Atrazine	11.17	200	103823	52.502	nq	98
70) Pentachlorophenol	11.29	266	78820	61.563	nq	96
71) Phenanthrene	11.52	178	508231	50.913	nq	99
72) Anthracene	11.57	178	522928	52.263	nq	98
73) Carbazole	11.72	167	450750	46.138	nq	99
74) Di-n-butylphthalate	12.03	149	592855	53.731	nq	99
75) Fluoranthene	12.70	202	492073	48.571	nq	99
77) Benzidine	12.83	184	306631	Below	Cal	96
78) Pyrene	12.94	202	480525	56.049	nq	98
80) Butylbenzylphthalate	13.53	149	219417	58.965	nq	97
81) Benzo(a)anthracene	14.13	228	361441	50.967	nq	99
82) 3,3'-Dichlorobenzidine	14.08	252	111593	45.189	nq	97
83) Chrysene	14.16	228	330601	49.082	nq	100
84) Bis(2-ethylhexyl)phthalate	14.09	149	295365	58.718	nq	96
85) Di-n-octyl phthalate	14.70	149	453085	57.927	nq	98
86) Indeno(1,2,3-cd)pyrene	17.22	276	249151	44.587	nq	98
88) Benzo(b)fluoranthene	15.20	252	266203	52.616	nq	99
89) Benzo(k)fluoranthene	15.23	252	269260	54.135	nq	97
90) Benzo(a)pyrene	15.59	252	250100	53.722	nq	98
91) Dibenzo(a,h)anthracene	17.23	278	210678	52.447	nq	99
92) Benzo(g,h,i)perylene	17.70	276	197931	50.003	nq	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

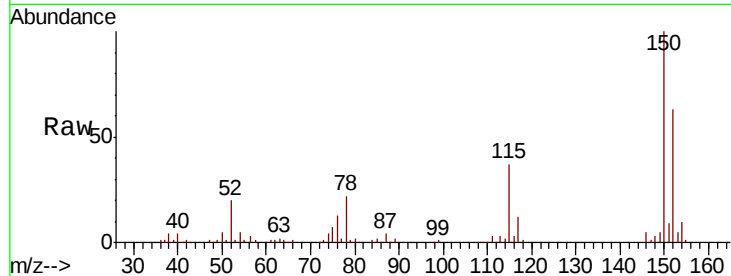


#1

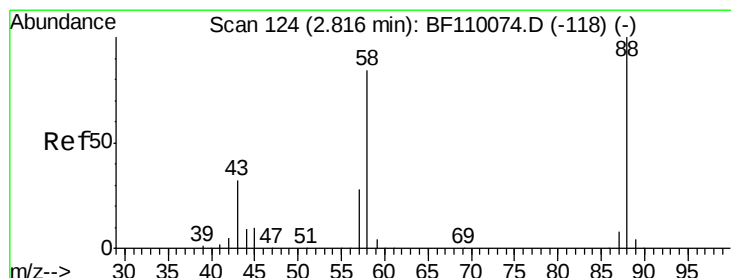
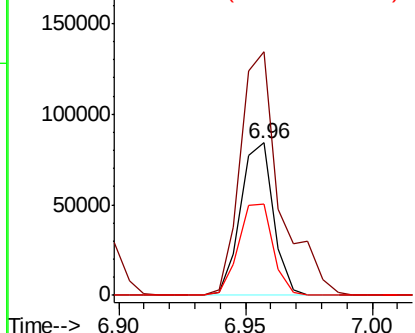
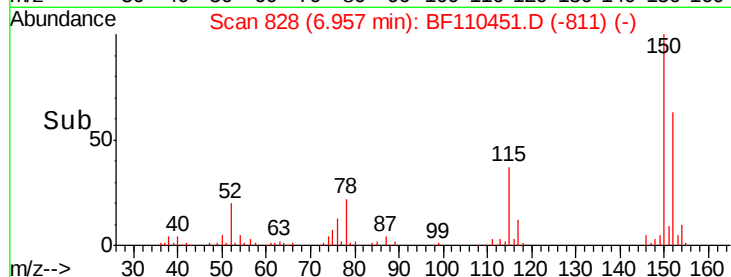
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 76200
Ion Ratio Lower Upper
152 100
150 159.8 122.7 184.1
115 59.8 49.1 73.7



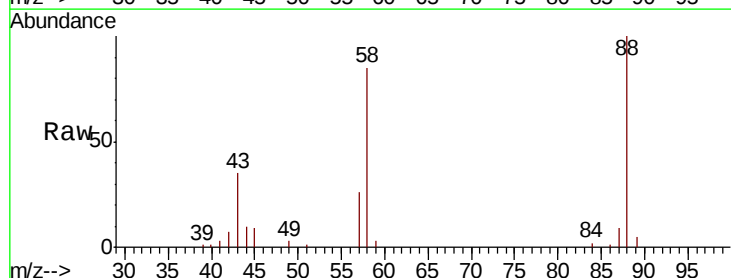
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



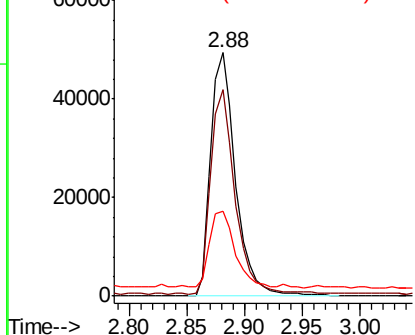
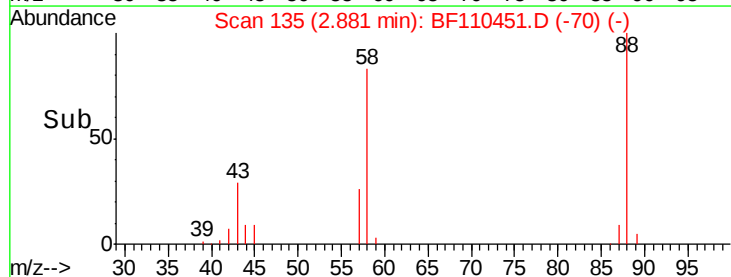
#2

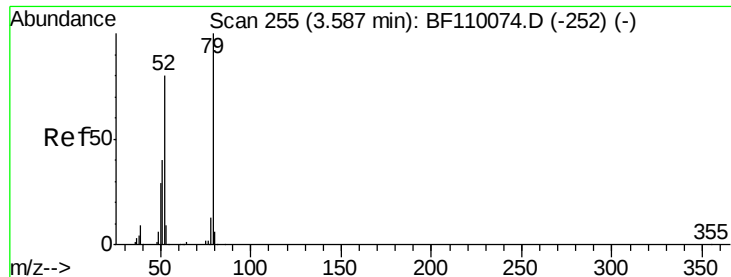
1,4-Dioxane
Concen: 30.178 ng
RT: 2.88 min Scan# 135
Delta R.T. 0.08 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Tgt Ion: 88 Resp: 73985
Ion Ratio Lower Upper
88 100
58 82.7 57.1 85.7
43 32.0 24.1 36.1



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 38.917 ng

RT: 3.65 min Scan# 265

Delta R.T. 0.06 min

Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

Instrument :

BNA_F

ClientSampleId :

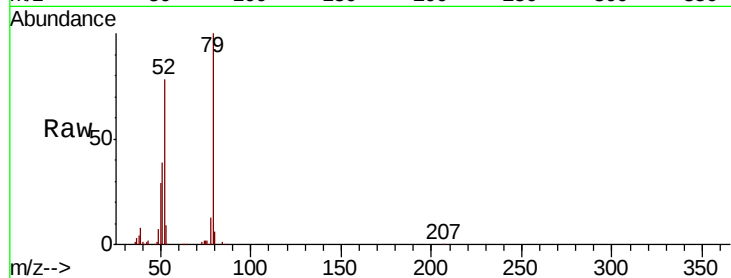
Tot Ion: 79 Resp: 212507

Ion Ratio Lower Upper

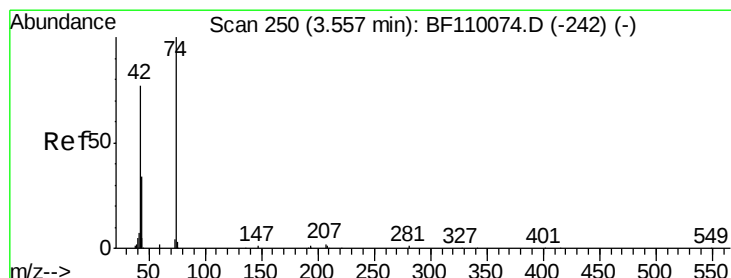
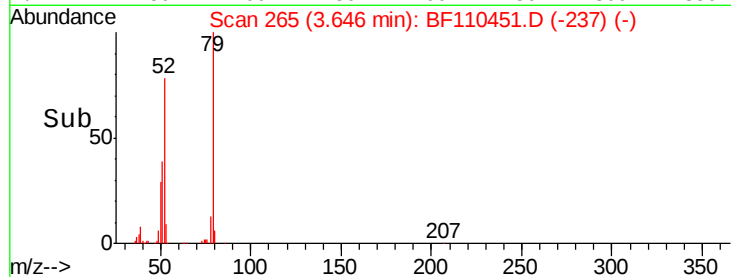
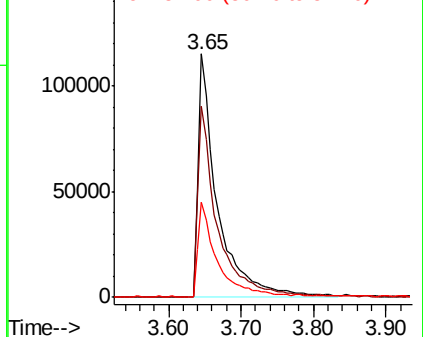
79 100

52 78.5 53.1 79.7

51 38.9 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 46.887 ng

RT: 3.61 min Scan# 259

Delta R.T. 0.06 min

Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

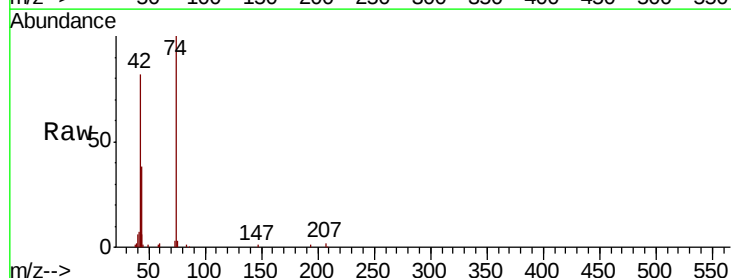
Tgt Ion: 42 Resp: 107265

Ion Ratio Lower Upper

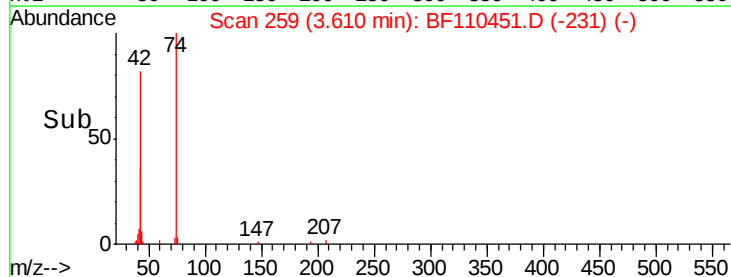
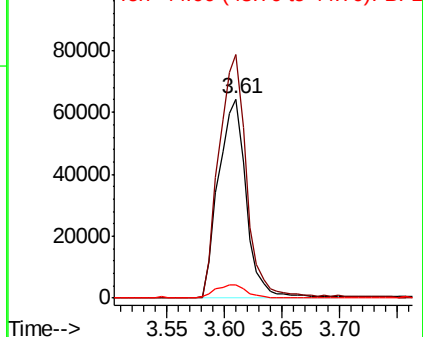
42 100

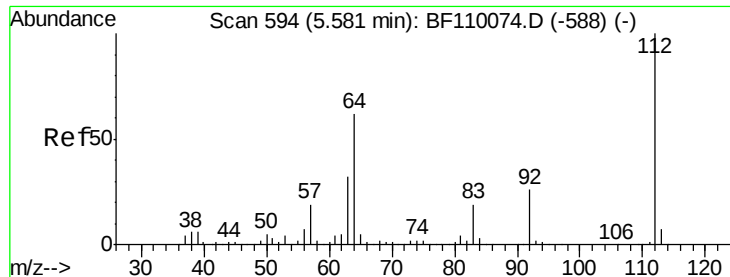
74 122.3 105.5 158.3

44 6.9 4.9 7.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 92.390 ng

RT: 5.59 min Scan# 595

Delta R.T. 0.01 min

Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

Instrument :

BNA_F

ClientSampleID :

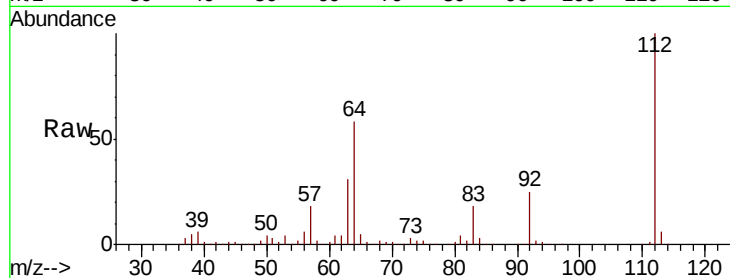
Tot Ion:112 Resp: 432318

Ion Ratio Lower Upper

112 100

64 57.7 44.1 66.1

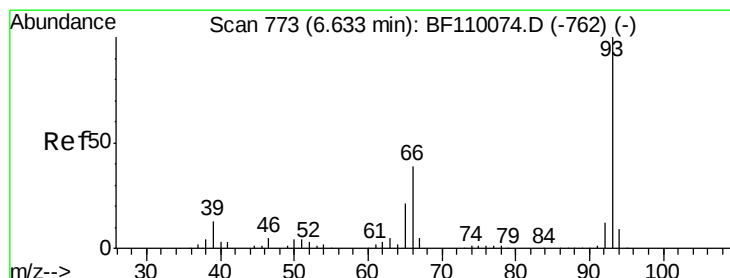
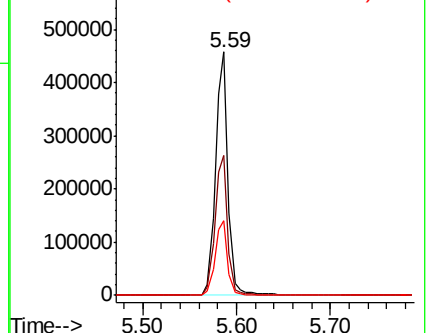
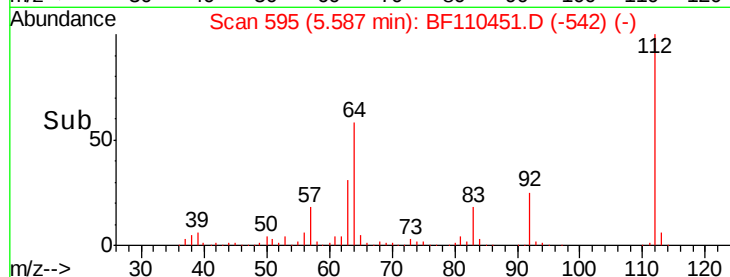
63 30.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 21.286 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

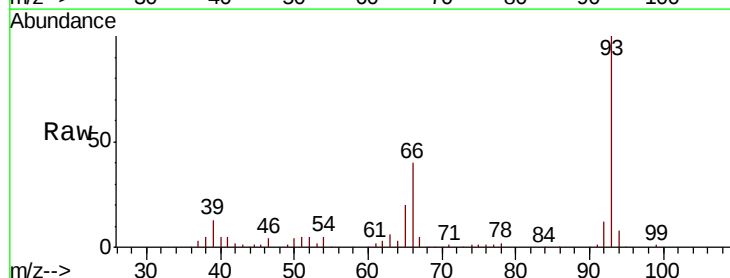
Tgt Ion: 93 Resp: 165961

Ion Ratio Lower Upper

93 100

66 39.9 67.4 101.0#

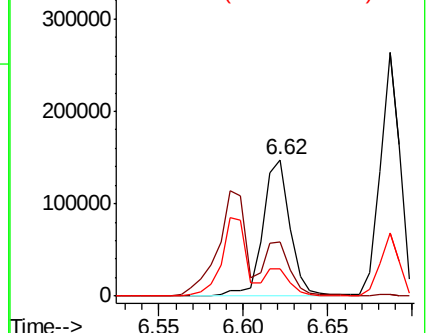
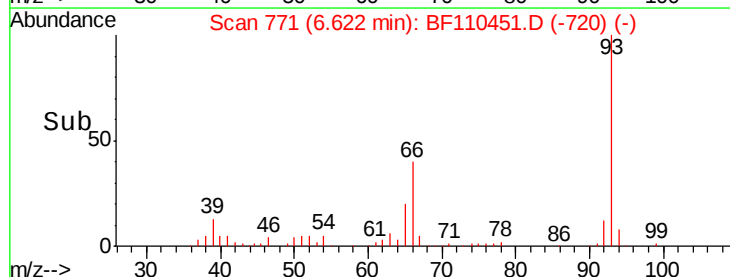
65 20.5 41.0 61.4#

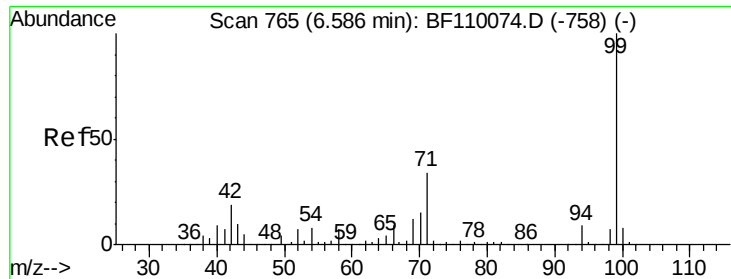


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 89.793 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

Instrument :

BNA_F

ClientSampleId :

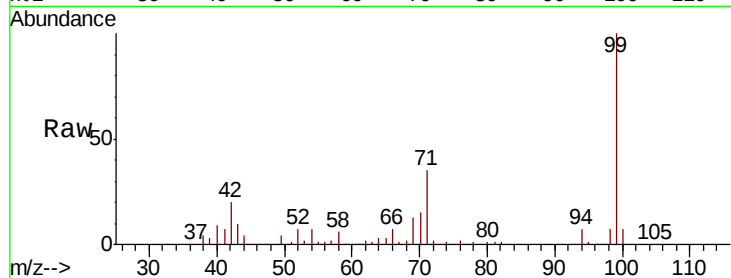
Tot Ion: 99 Resp: 537428

Ion Ratio Lower Upper

99 100

42 19.6 15.8 23.6

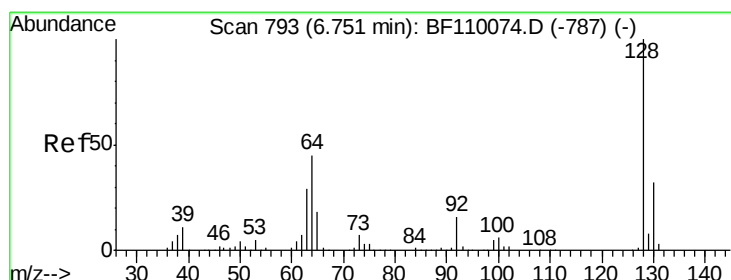
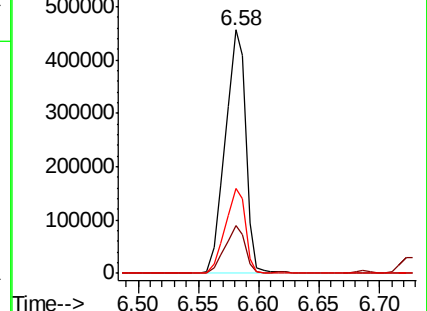
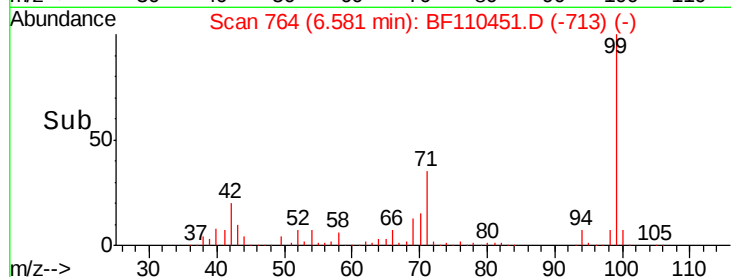
71 34.9 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.590 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

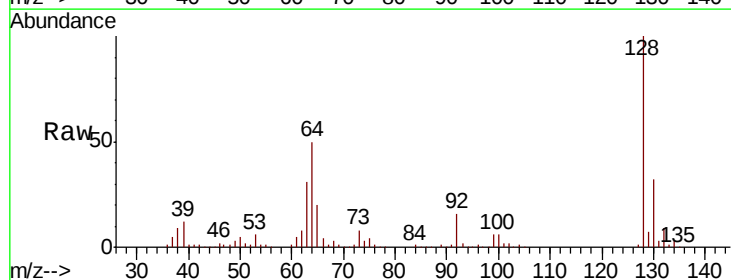
Tgt Ion: 128 Resp: 235157

Ion Ratio Lower Upper

128 100

130 32.2 13.1 53.1

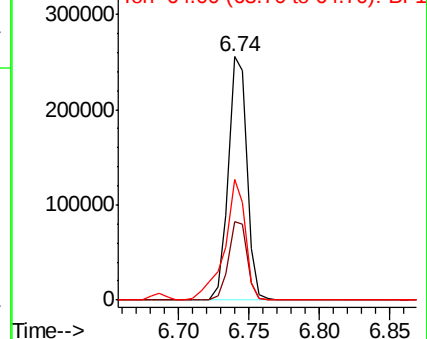
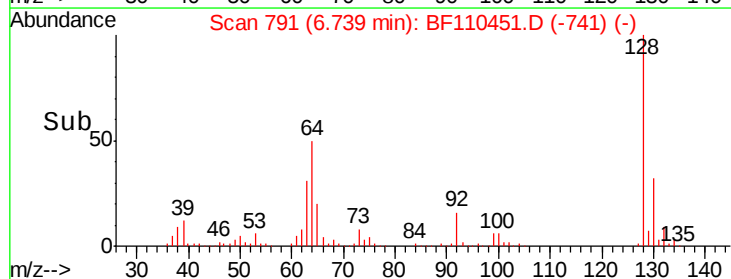
64 49.5 26.0 66.0

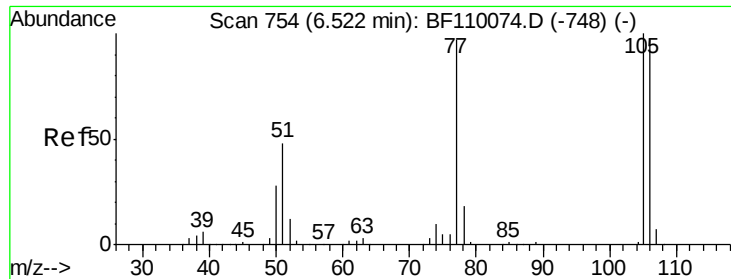


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 46.354 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

Instrument :

BNA_F

ClientSampled :

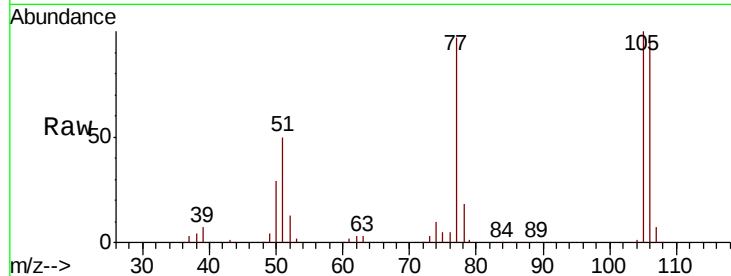
Tot Ion: 77 Resp: 153842

Ion Ratio Lower Upper

77 100

105 102.7 78.6 118.6

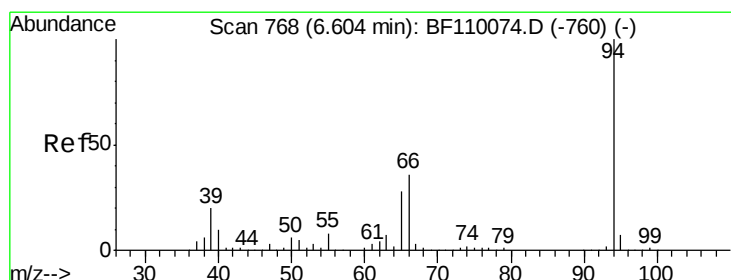
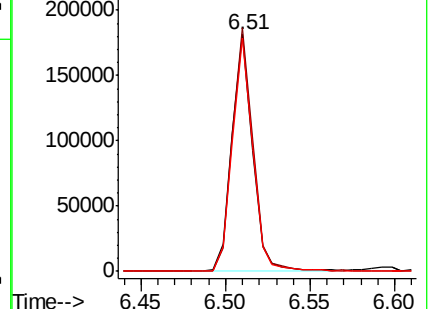
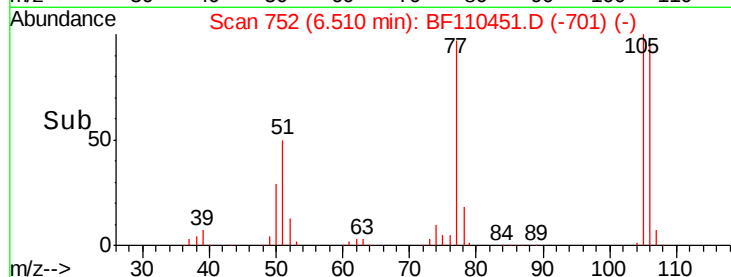
106 98.3 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 44.972 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

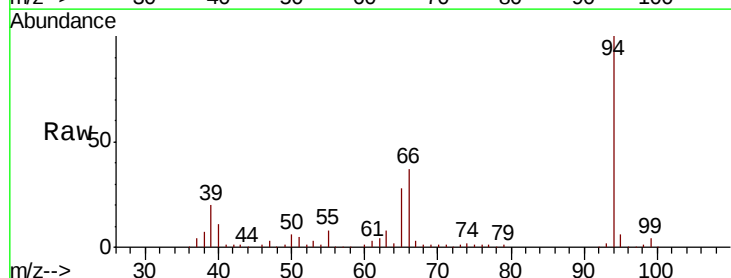
Tgt Ion: 94 Resp: 287716

Ion Ratio Lower Upper

94 100

65 27.9 25.3 65.3

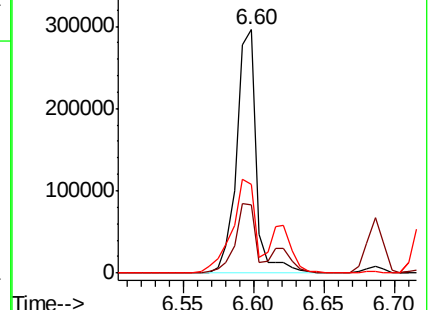
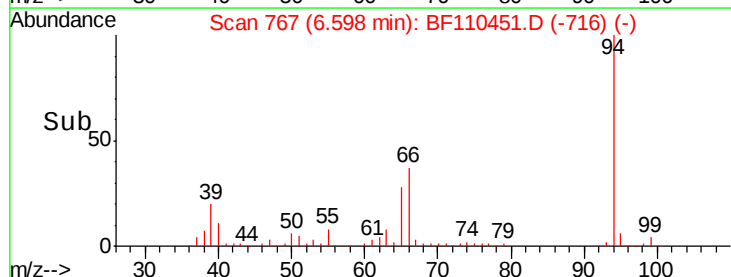
66 36.6 54.5 94.5#

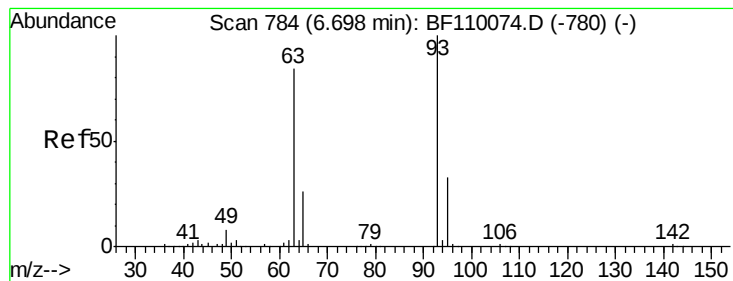


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 40.542 ng

RT: 6.69 min Scan# 782

Delta R.T. -0.01 min

Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

Instrument :

BNA_F

ClientSampleId :

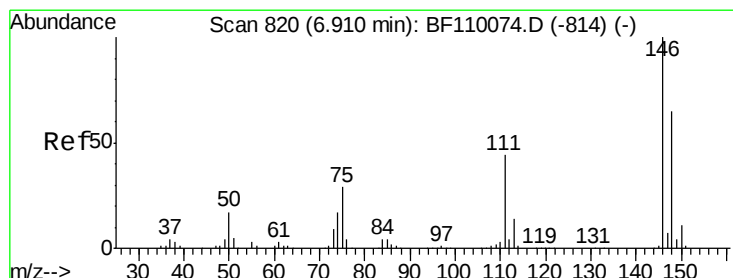
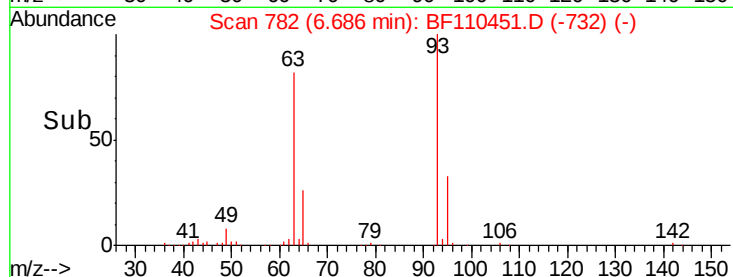
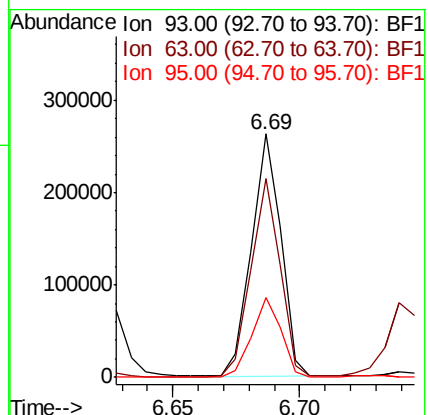
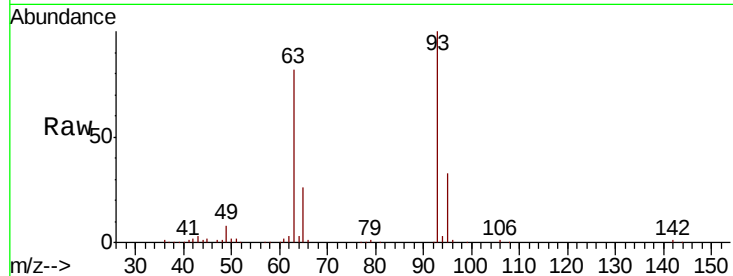
Tot Ion: 93 Resp: 213394

Ion Ratio Lower Upper

93 100

63 81.8 53.4 93.4

95 33.0 12.1 52.1



#12

1,3-Dichlorobenzene

Concen: 41.494 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

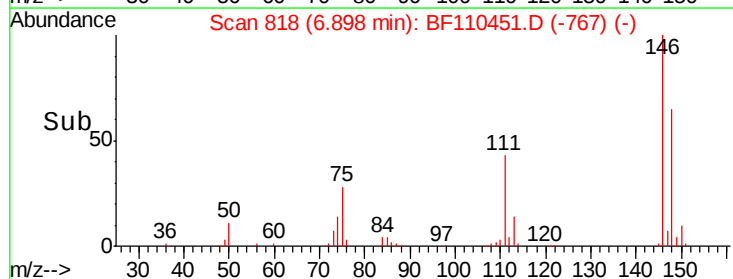
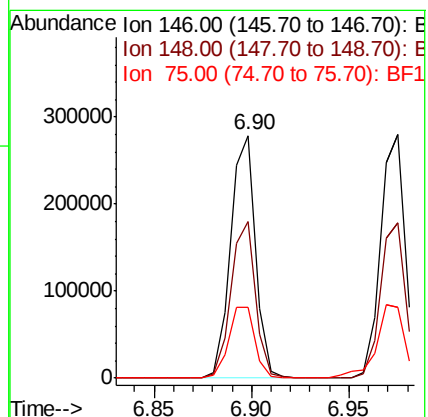
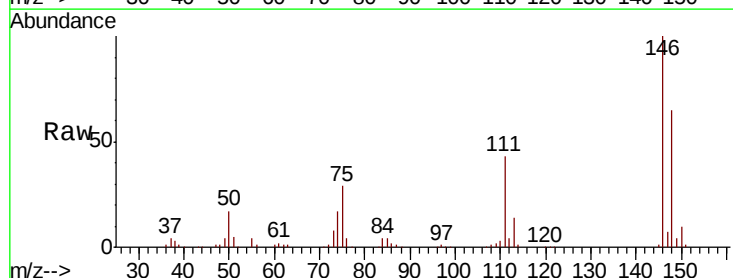
Tgt Ion: 146 Resp: 246348

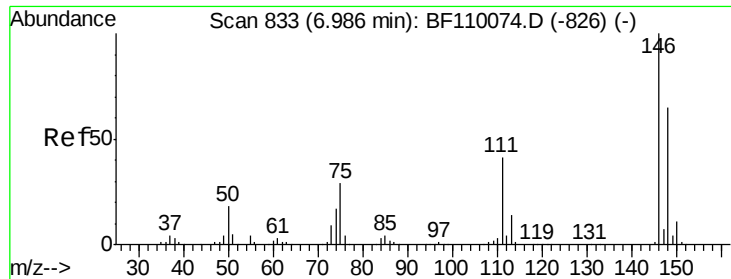
Ion Ratio Lower Upper

146 100

148 64.6 50.4 75.6

75 29.4 25.8 38.6

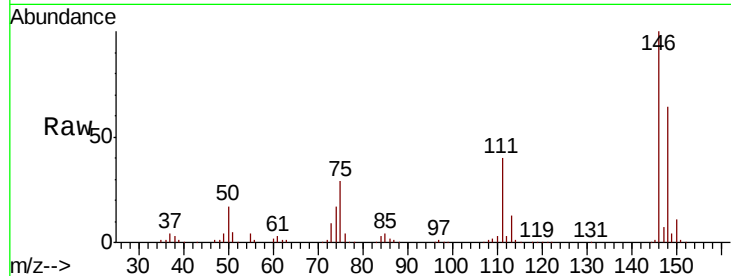




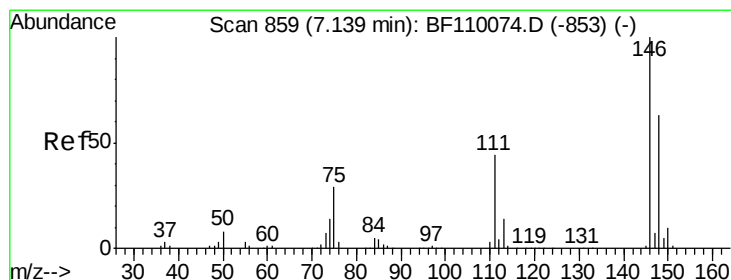
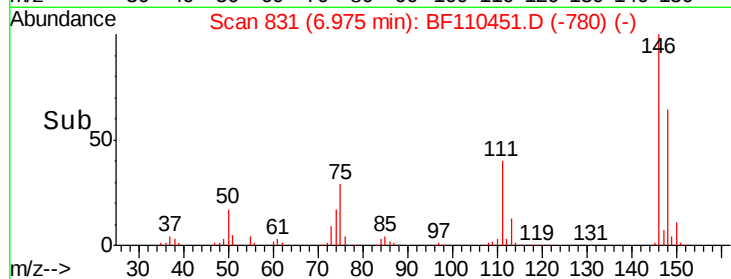
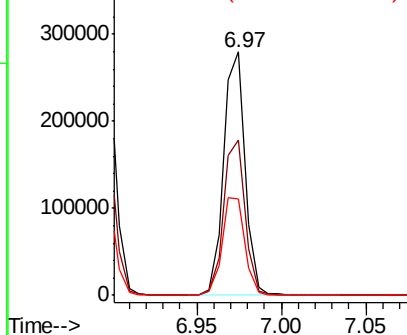
#13
 1,4-Dichlorobenzene
 Concen: 41.242 ng
 RT: 6.97 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF110451.D
 Acq: 3 Nov 2018 10:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.3	75.5
111	39.7	32.7	49.1

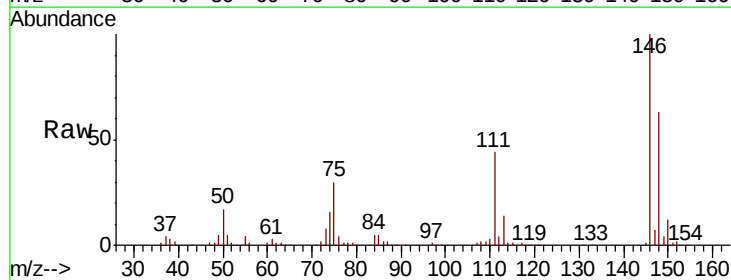


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

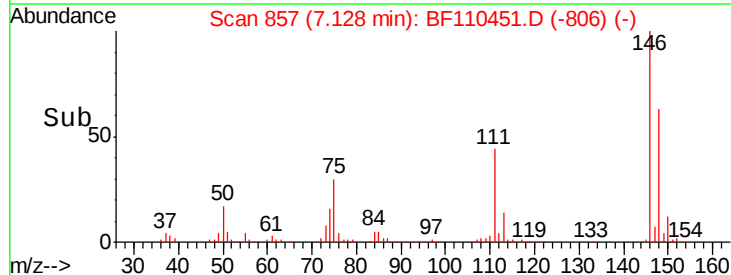
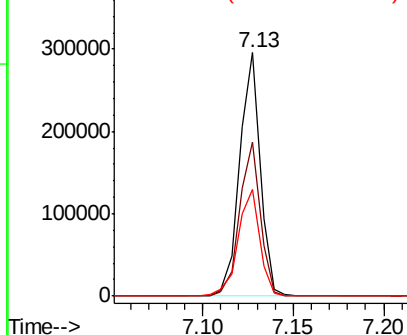


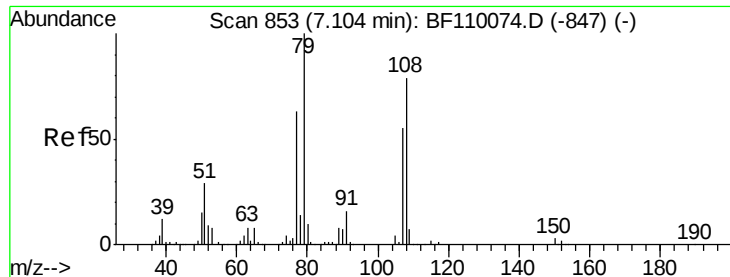
#14
 1,2-Dichlorobenzene
 Concen: 42.004 ng
 RT: 7.13 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF110451.D
 Acq: 3 Nov 2018 10:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.1	76.7
111	43.9	35.8	53.6



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.984 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

Instrument :

BNA_F

ClientSampled :

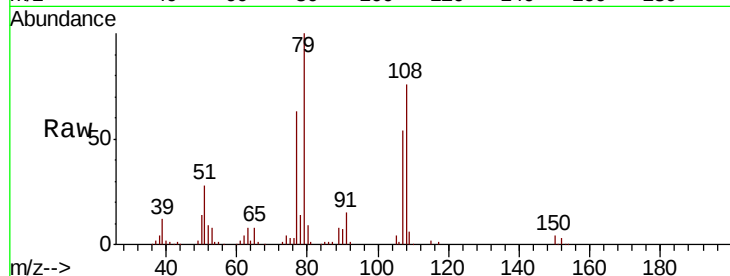
Tot Ion: 79 Resp: 197868

Ion Ratio Lower Upper

79 100

108 75.5 56.3 84.5

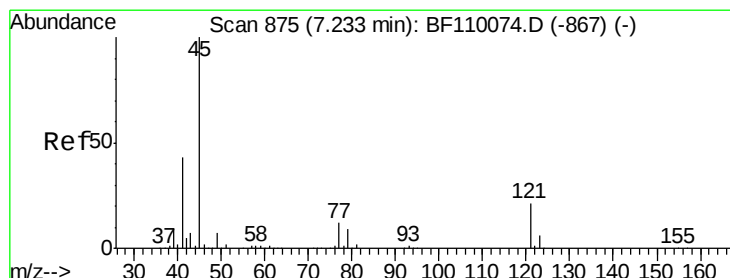
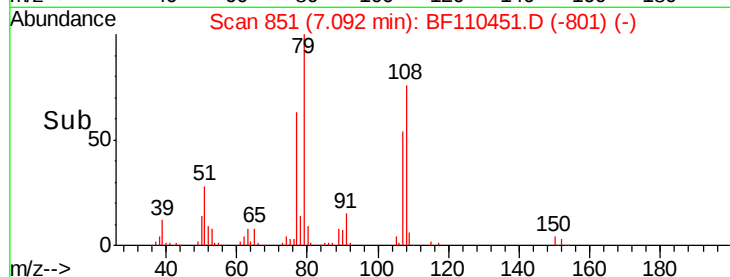
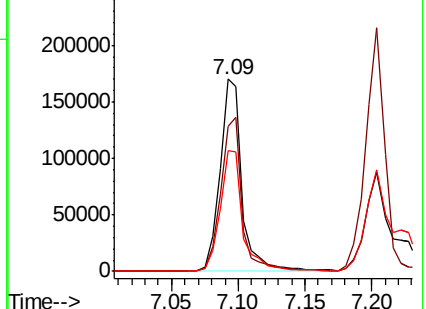
77 62.6 52.9 79.3



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.946 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

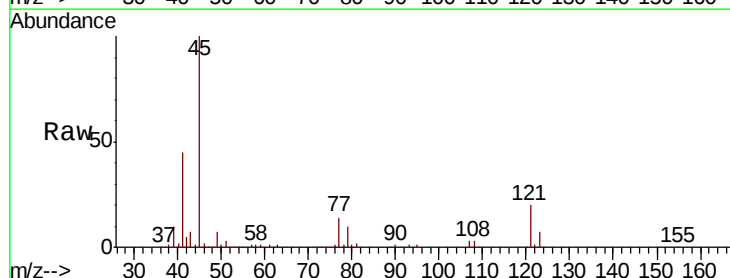
Tgt Ion: 45 Resp: 344589

Ion Ratio Lower Upper

45 100

77 13.6 10.0 50.0

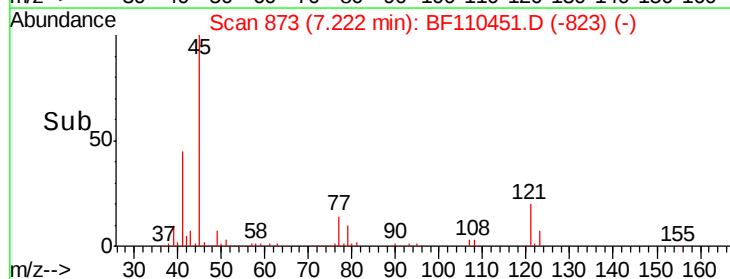
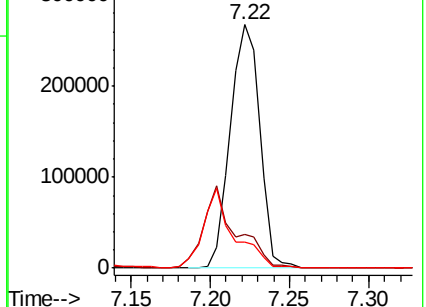
79 10.5 6.1 46.1

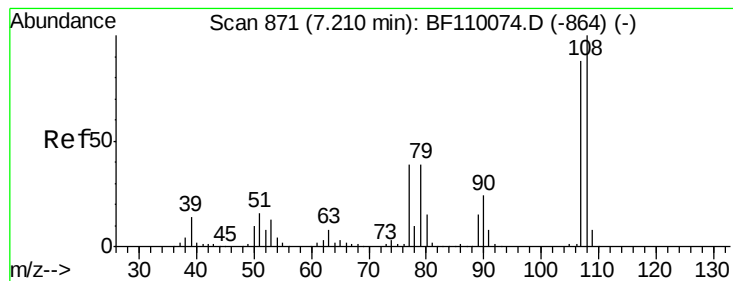


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 44.290 ng

RT: 7.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 190423

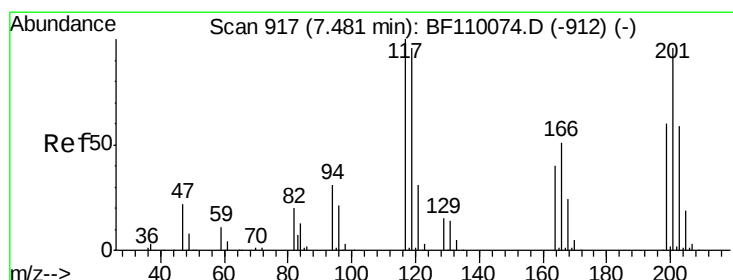
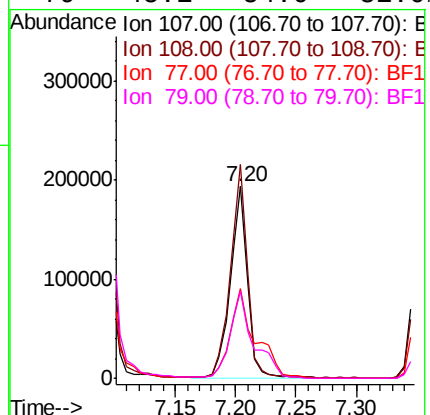
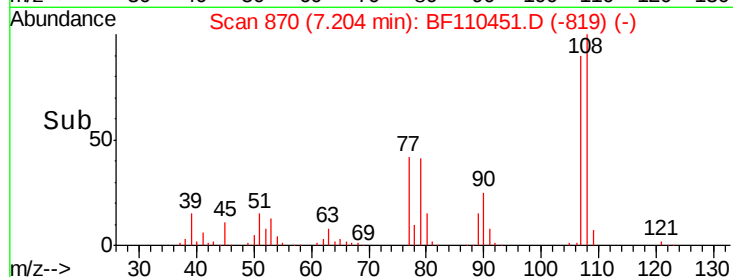
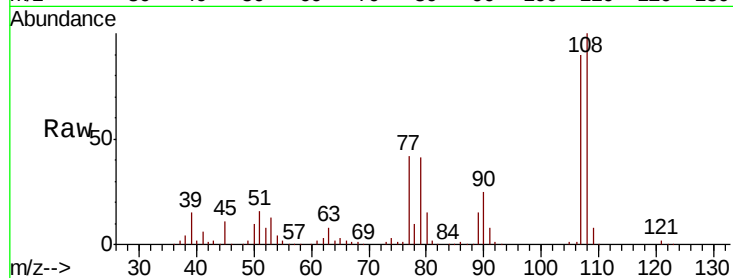
Ion Ratio Lower Upper

107 100

108 111.3 92.6 138.8

77 46.5 59.4 89.2#

79 45.1 54.0 81.0#



#18

Hexachloroethane

Concen: 34.716 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.01 min

Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

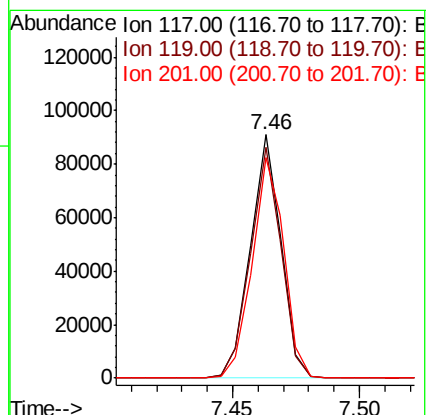
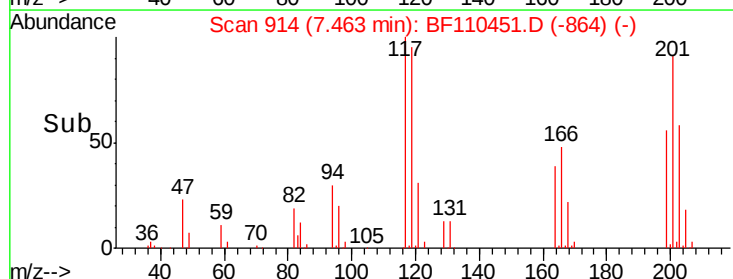
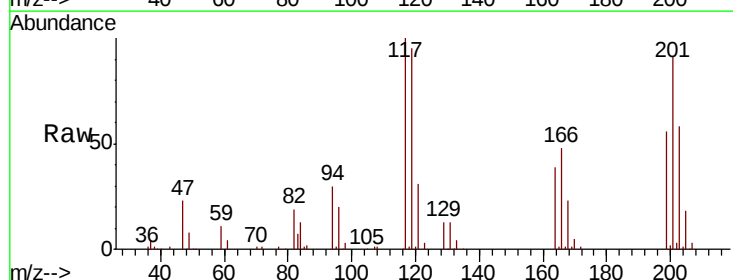
Tgt Ion:117 Resp: 76316

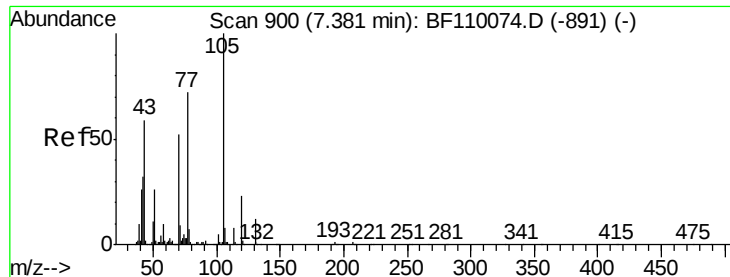
Ion Ratio Lower Upper

117 100

119 95.0 75.0 112.6

201 90.7 79.2 118.8

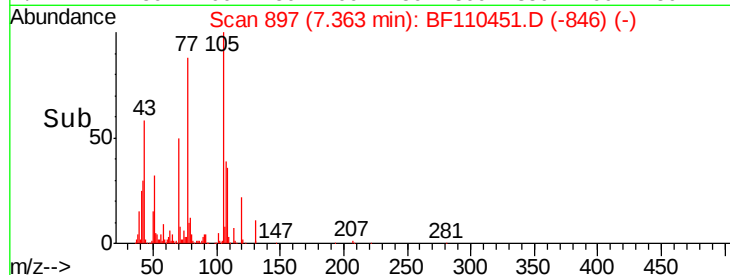
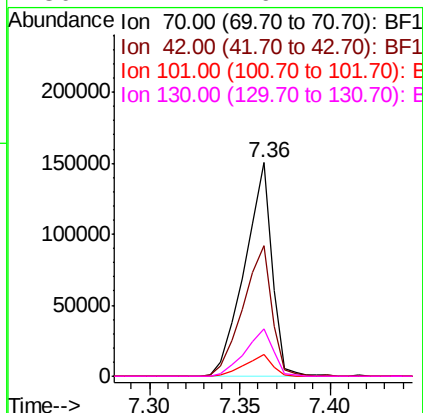
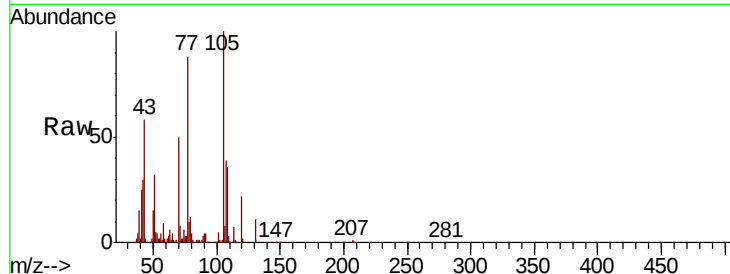




#19
n-Nitroso-di-n-propylamine
Concen: 40.943 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

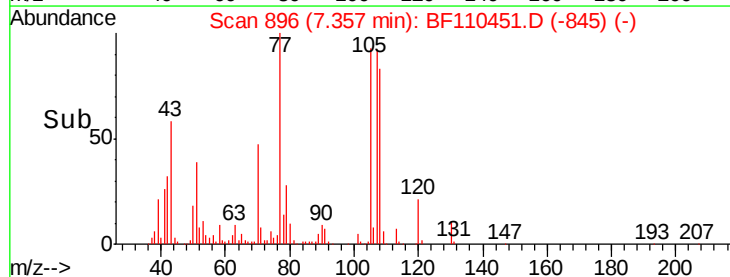
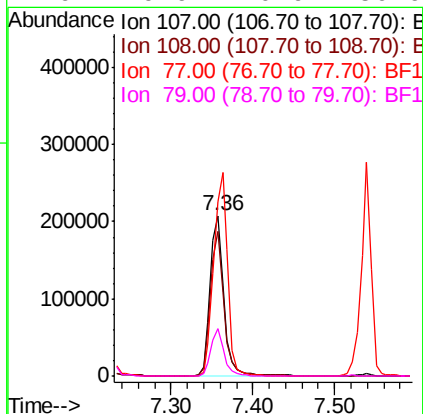
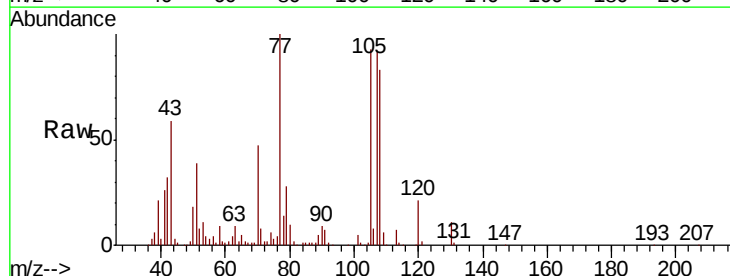
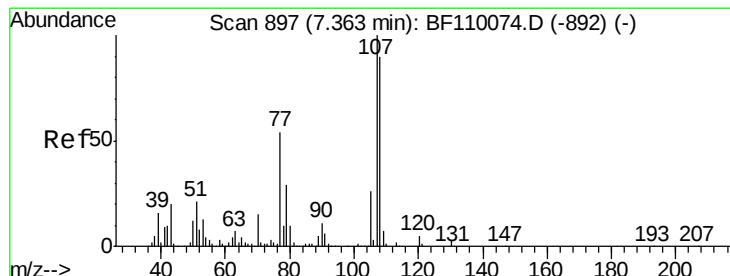
Instrument :
BNA_F
ClientSampleId :

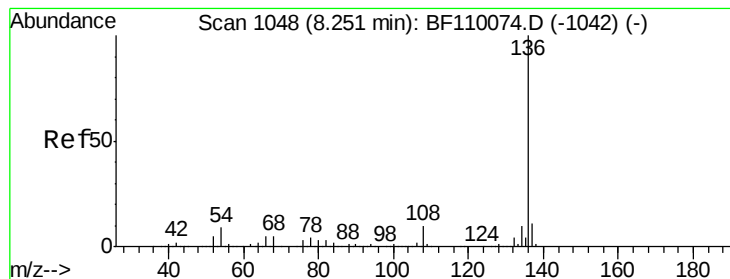
Tot Ion: 70 Resp: 157211
Ion Ratio Lower Upper
70 100
42 60.9 47.4 71.2
101 10.4 7.3 10.9
130 22.4 16.2 24.2



#20
3+4-Methylphenols
Concen: 42.836 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Tgt Ion:107 Resp: 238062
Ion Ratio Lower Upper
107 100
108 90.4 71.4 111.4
77 108.7 47.3 87.3#
79 29.9 10.9 50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 287172

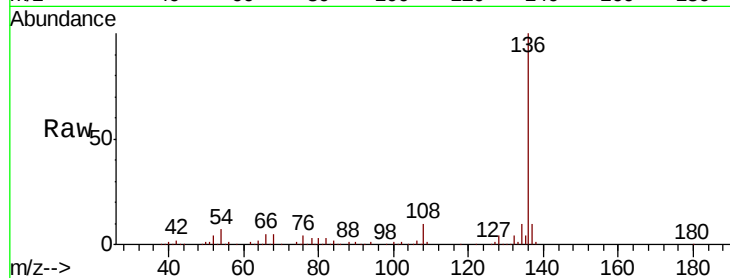
Ion Ratio Lower Upper

136 100

137 10.4 8.8 13.2

54 7.4 5.4 8.2

68 5.0 4.2 6.2

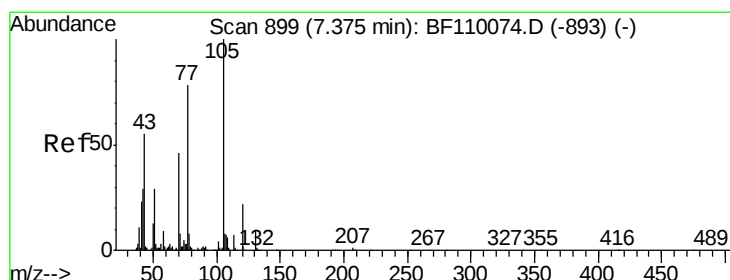
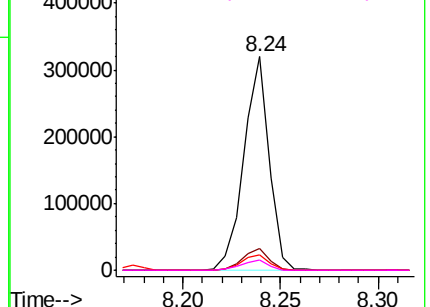
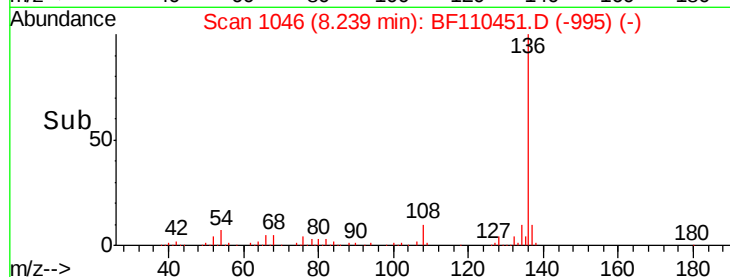


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 48.084 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

Tgt Ion:105 Resp: 318175

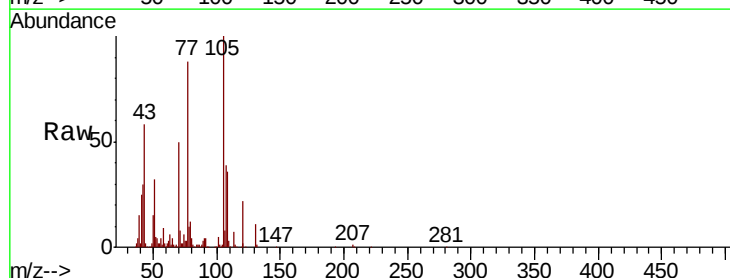
Ion Ratio Lower Upper

105 100

71 8.0 5.2 7.8#

51 32.3 21.8 32.8

120 21.7 17.0 25.4

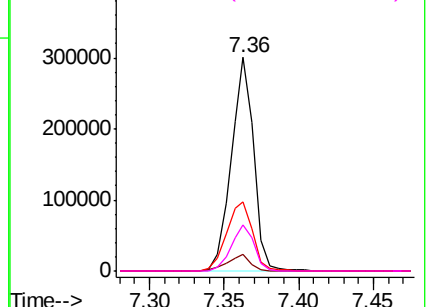
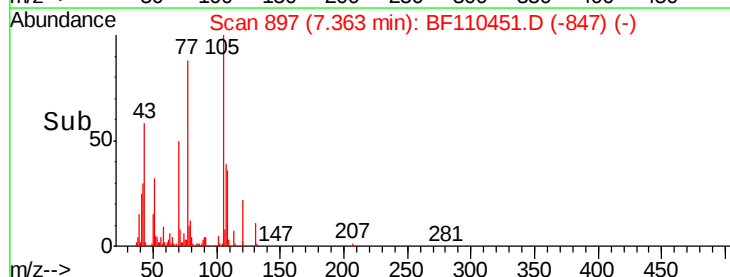


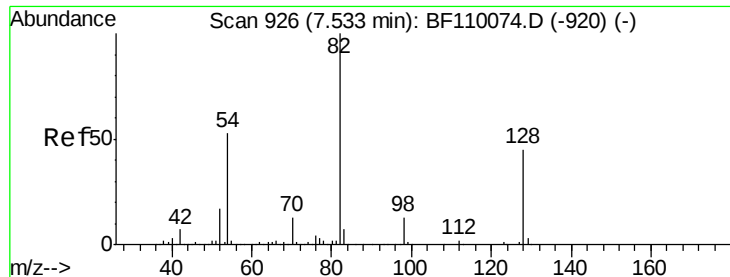
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

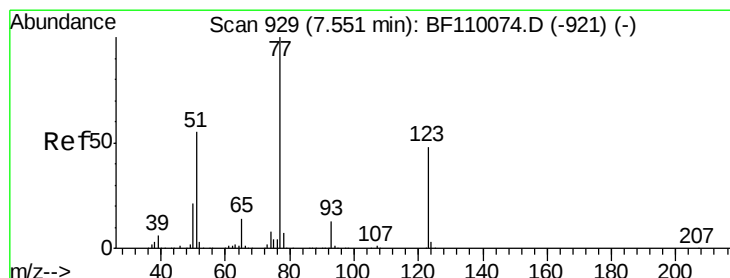
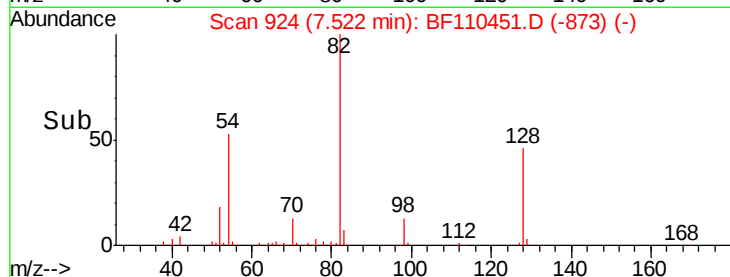
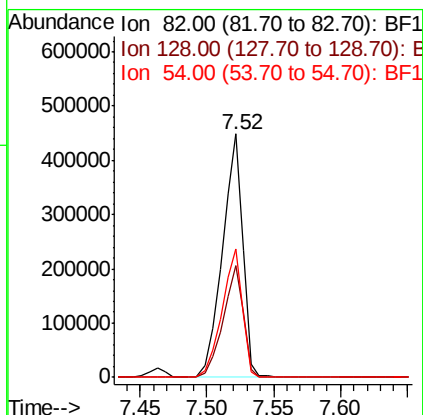
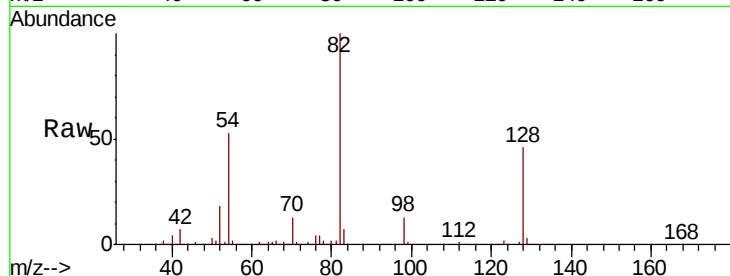




#23
 Nitrobenzene-d5
 Concen: 99.764 ng
 RT: 7.52 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF110451.D
 Acq: 3 Nov 2018 10:20

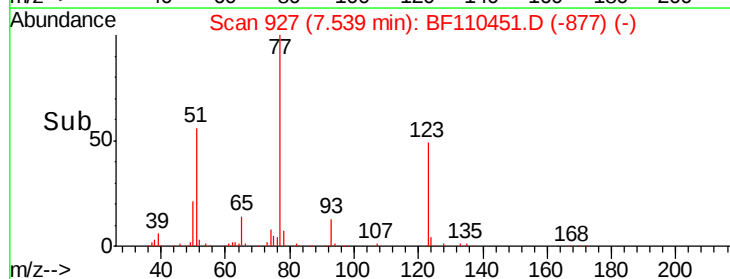
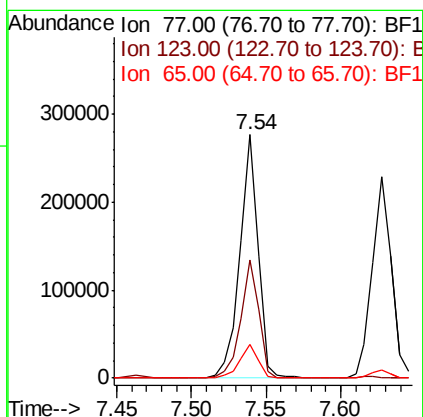
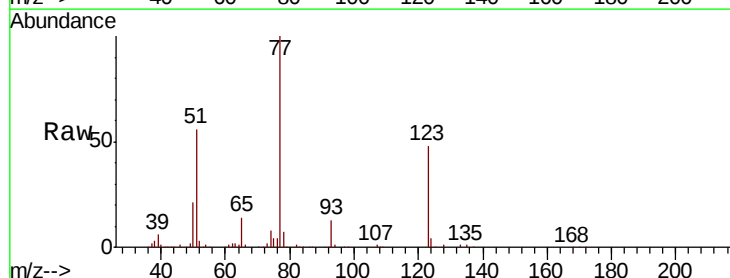
Instrument :
 BNA_F
 ClientSampled :

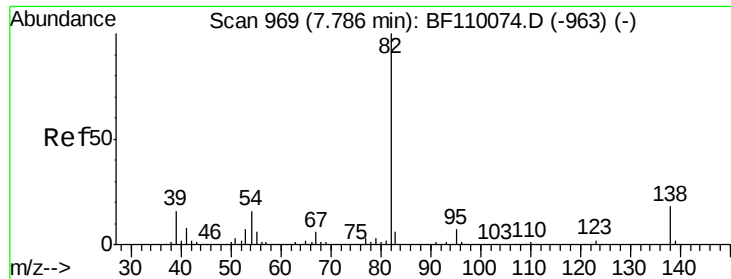
Tot Ion	82	Resp	483019
Ion Ratio	Lower	Upper	
82	100		
128	45.9	34.2	51.2
54	52.9	38.6	58.0



#24
 Nitrobenzene
 Concen: 47.583 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: BF110451.D
 Acq: 3 Nov 2018 10:20

Tgt Ion	77	Resp	237851
Ion Ratio	Lower	Upper	
77	100		
123	48.4	35.7	53.5
65	13.8	10.7	16.1

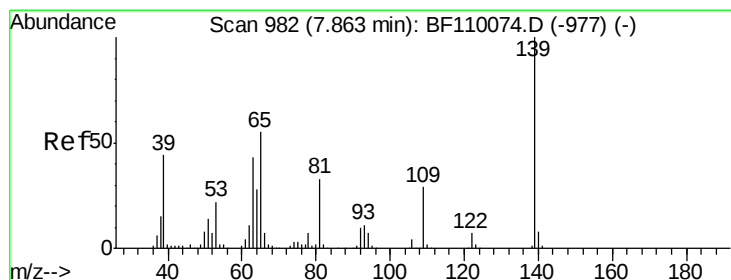
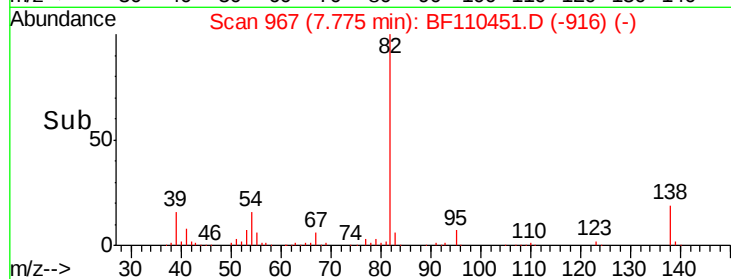
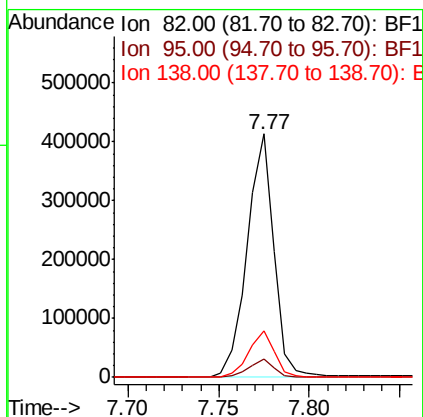
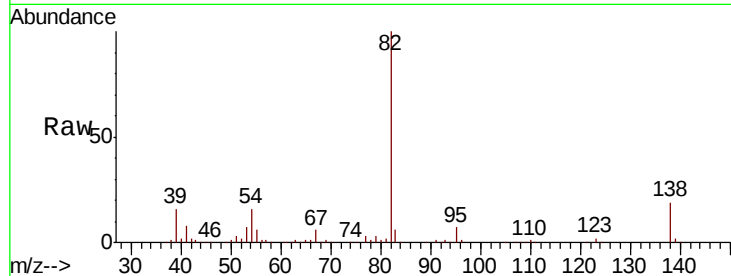




#25
Isophorone
Concen: 51.430 ng
RT: 7.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

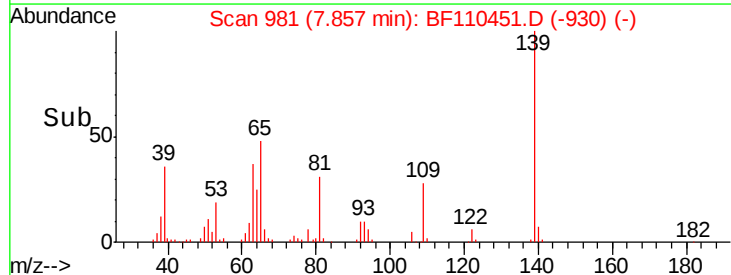
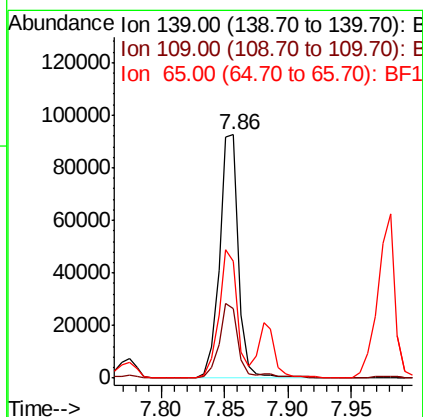
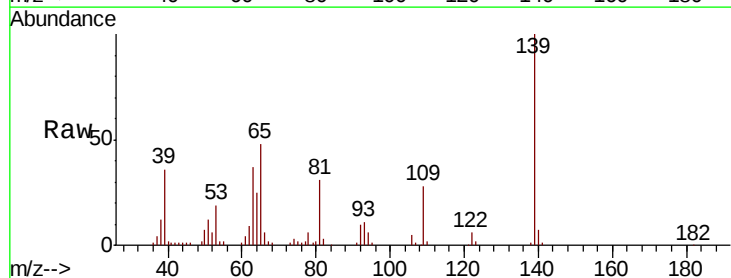
Instrument :
BNA_F
ClientSampled :

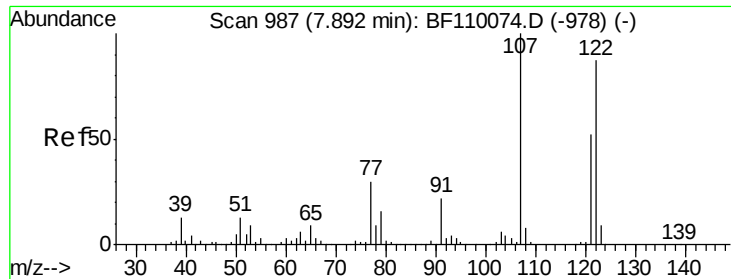
Tot Ion: 82 Resp: 424459
Ion Ratio Lower Upper
82 100
95 7.4 5.7 8.5
138 18.9 13.2 19.8



#26
2-Nitrophenol
Concen: 40.714 ng
RT: 7.86 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Tgt Ion: 139 Resp: 96845
Ion Ratio Lower Upper
139 100
109 28.3 25.0 37.6
65 48.0 44.0 66.0

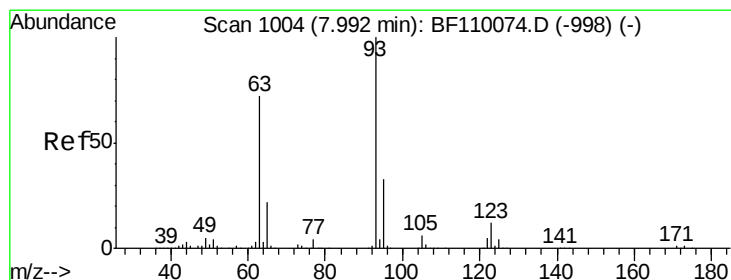
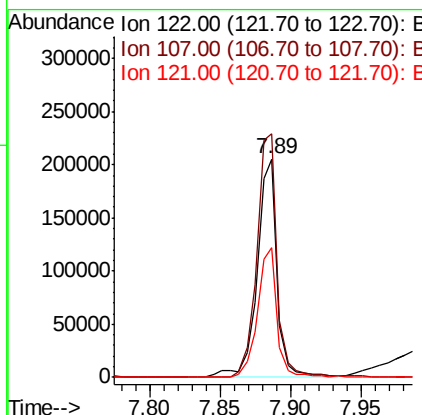
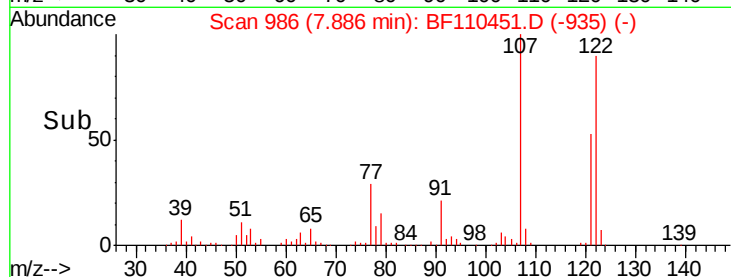
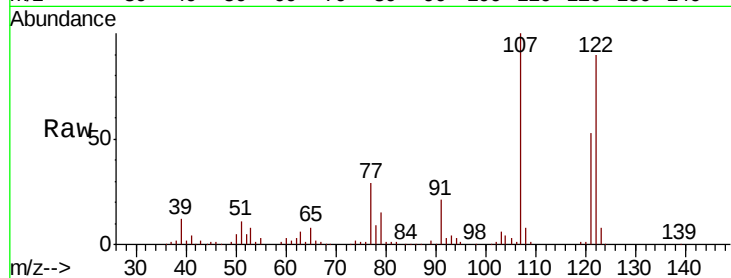




#27
2,4-Dimethylphenol
Concen: 52.399 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

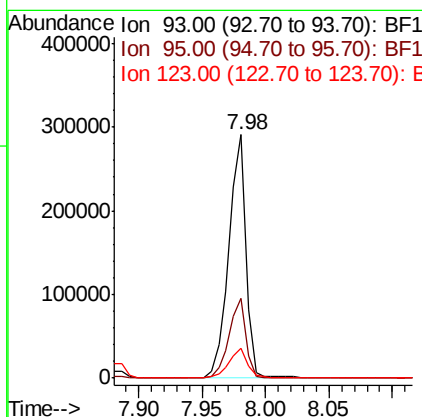
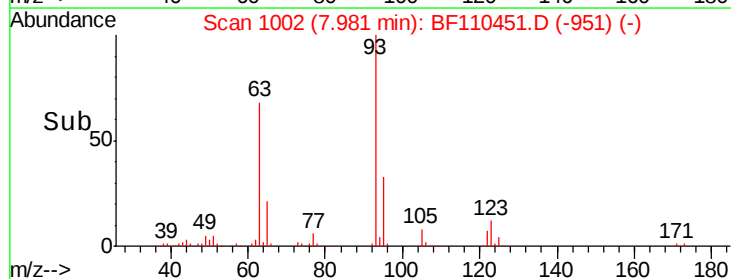
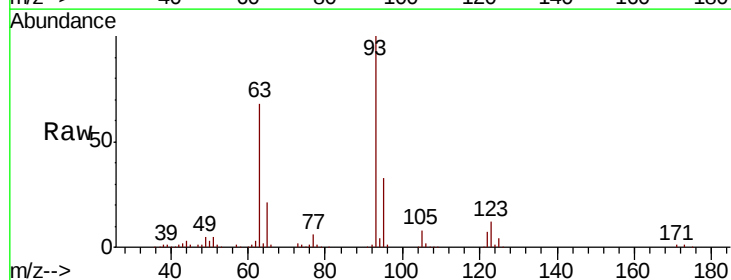
Instrument :
BNA_F
ClientSampled :

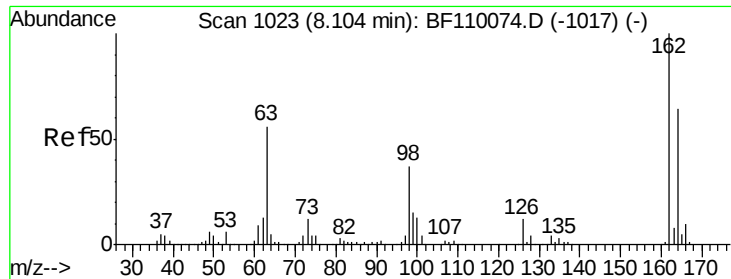
Tot Ion:122 Resp: 206645
Ion Ratio Lower Upper
122 100
107 111.4 92.5 138.7
121 59.1 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 48.668 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Tgt Ion: 93 Resp: 272860
Ion Ratio Lower Upper
93 100
95 32.5 26.4 39.6
123 12.4 9.0 13.6

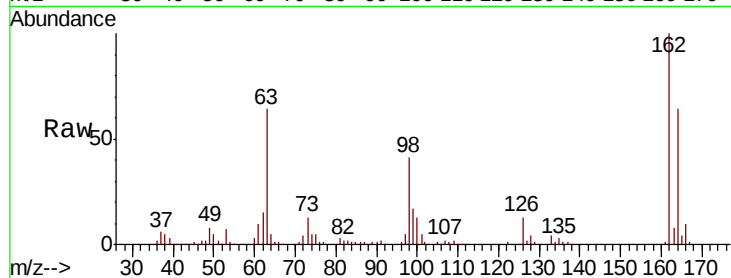




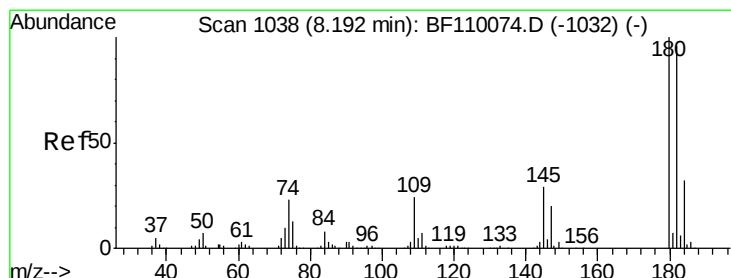
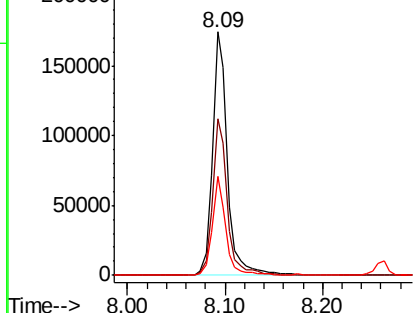
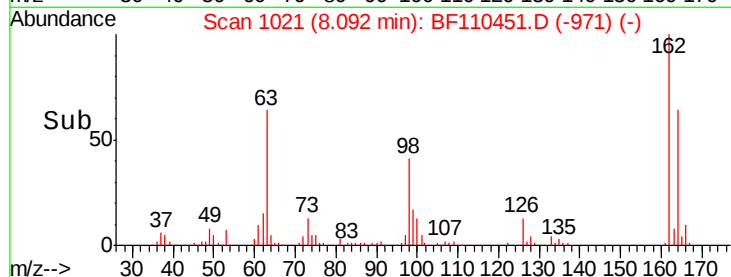
#29
 2,4-Dichlorophenol
 Concen: 45.823 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF110451.D
 Acq: 3 Nov 2018 10:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 182572
 Ion Ratio Lower Upper
 162 100
 164 64.3 44.6 84.6
 98 40.9 17.4 57.4

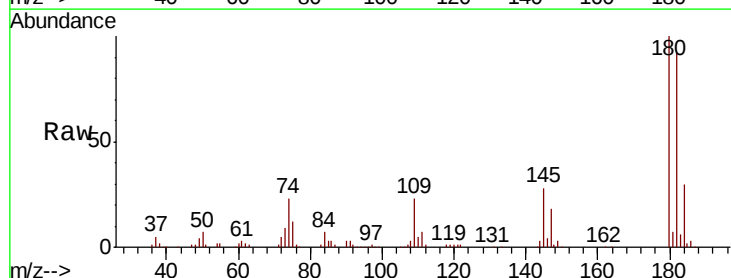


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

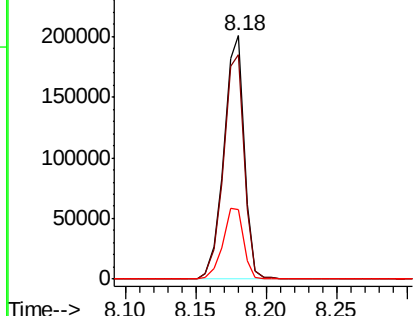
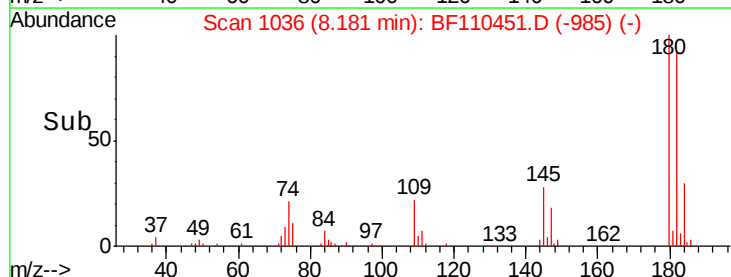


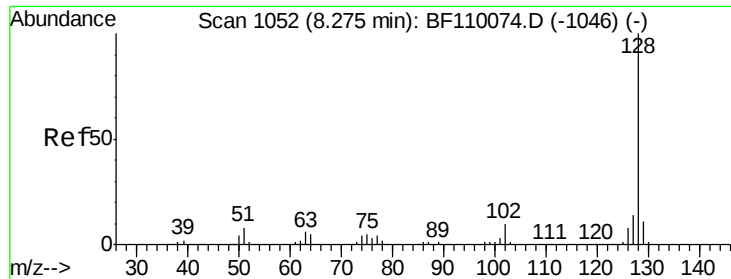
#30
 1,2,4-Trichlorobenzene
 Concen: 45.056 ng
 RT: 8.18 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF110451.D
 Acq: 3 Nov 2018 10:20

Tgt Ion:180 Resp: 201081
 Ion Ratio Lower Upper
 180 100
 182 92.3 80.3 120.5
 145 28.4 25.4 38.0



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

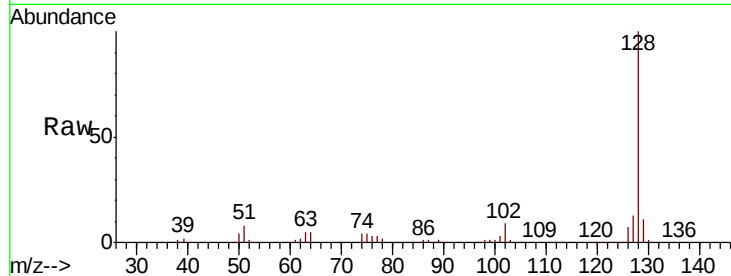




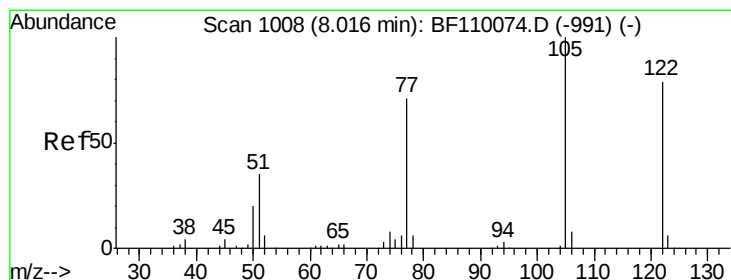
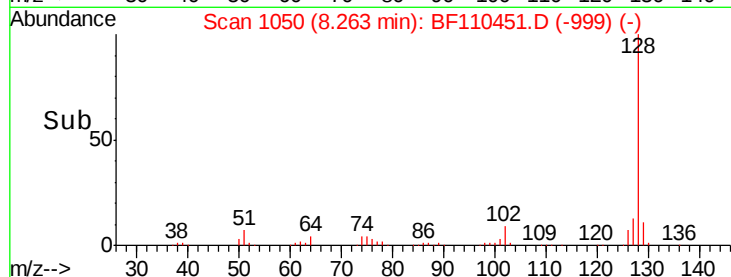
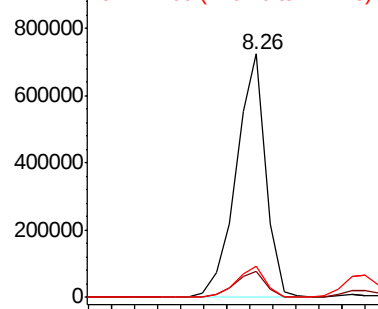
#31
Naphthalene
Concen: 48.674 ng
RT: 8.26 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 644222
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 12.8 10.8 16.2

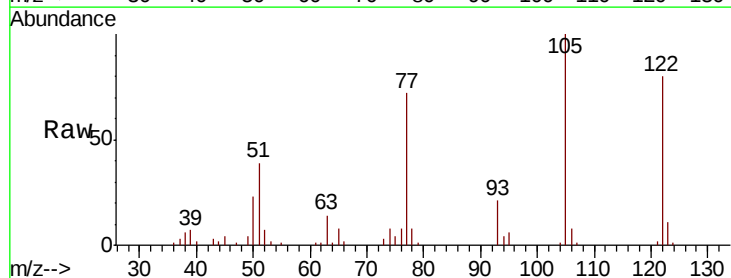


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

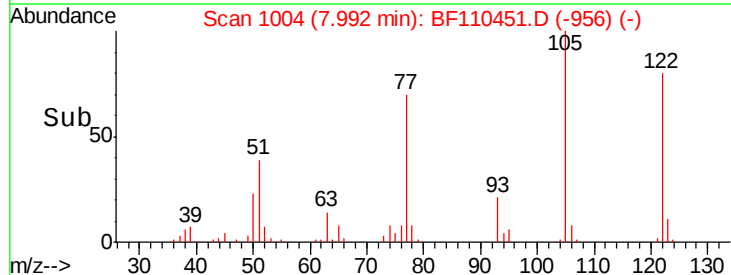
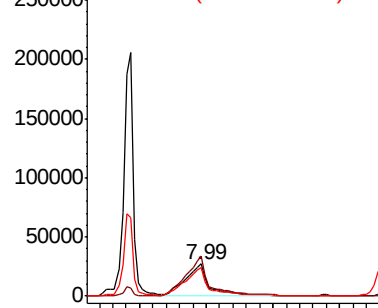


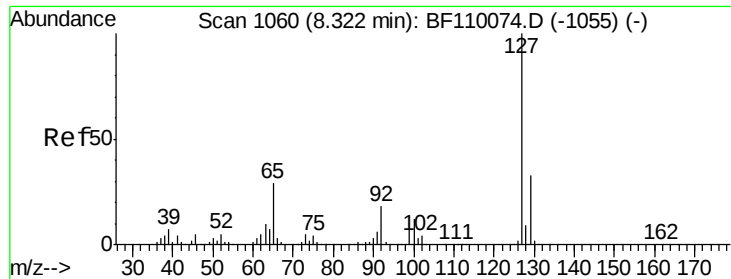
#32
Benzoic acid
Concen: 22.606 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Tgt Ion:122 Resp: 68903
Ion Ratio Lower Upper
122 100
105 124.6 109.0 149.0
77 90.2 79.0 119.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

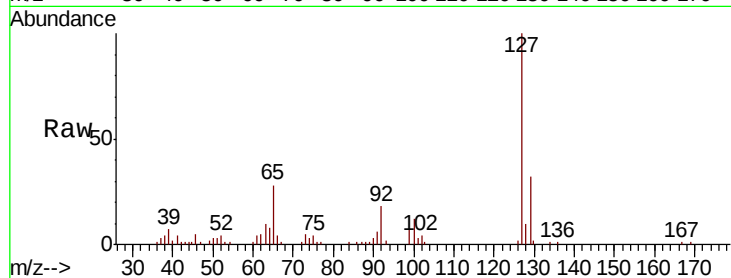




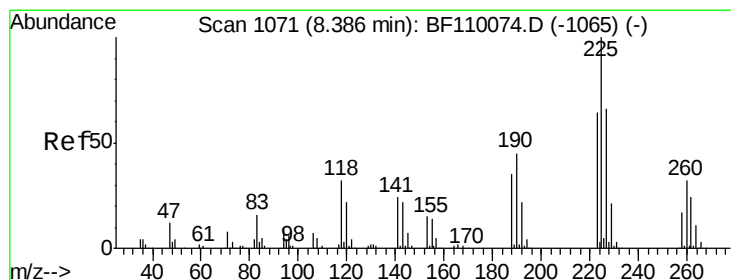
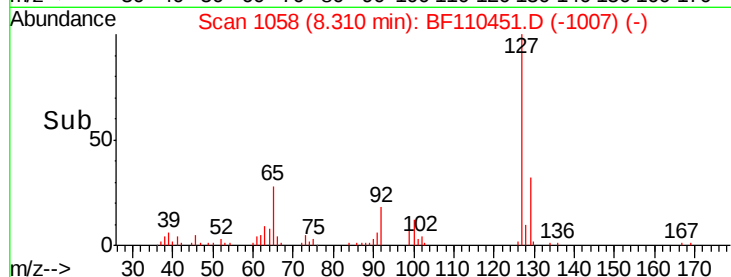
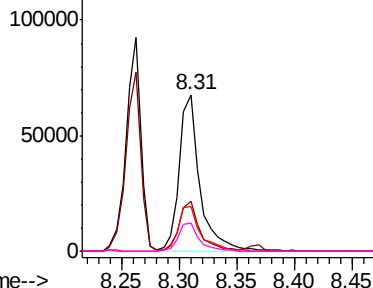
#33
4-Chloroaniline
Concen: 14.239 ng
RT: 8.31 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	84817
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.0	39.0
65	28.5	25.1	37.7
92	18.3	15.0	22.6

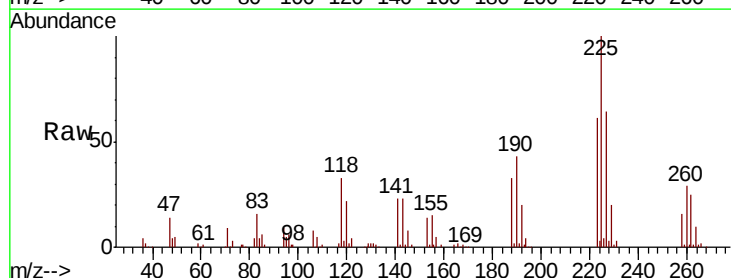


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

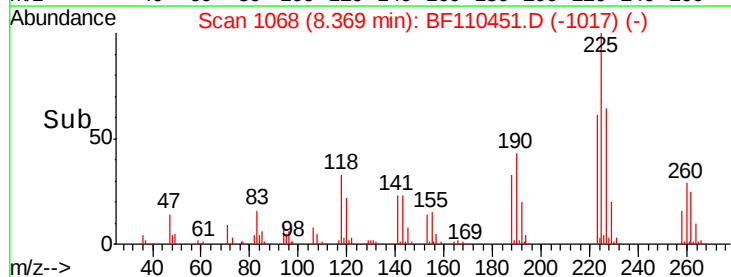
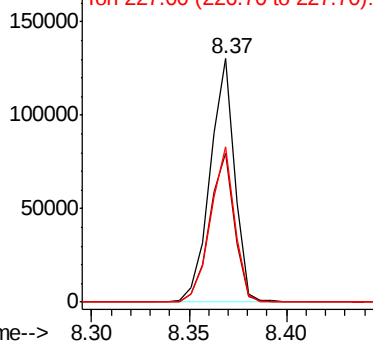


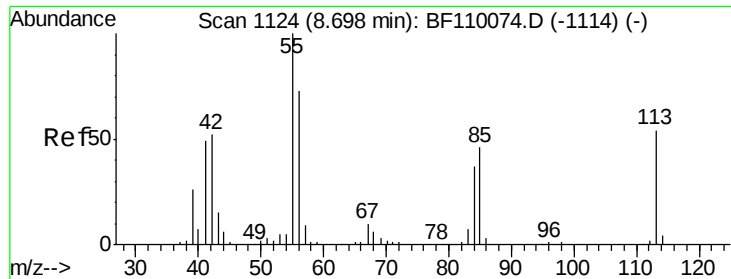
#34
Hexachlorobutadiene
Concen: 45.665 ng
RT: 8.37 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Tgt Ion:	225	Resp:	113156
Ion	Ratio	Lower	Upper
225	100		
223	61.4	51.4	77.2
227	63.7	51.0	76.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

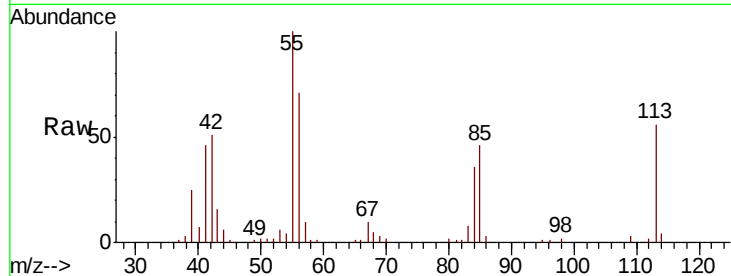




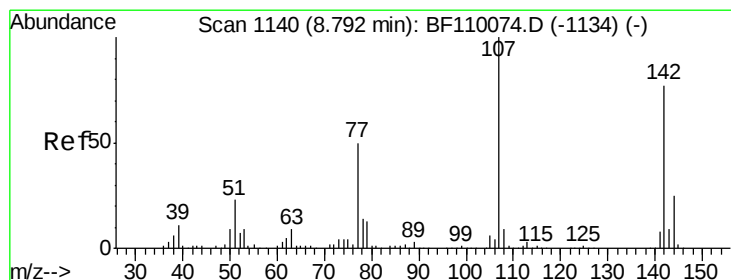
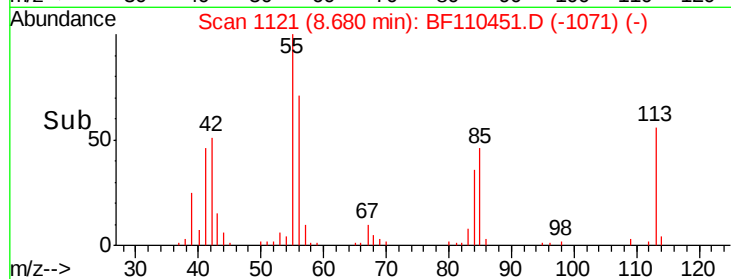
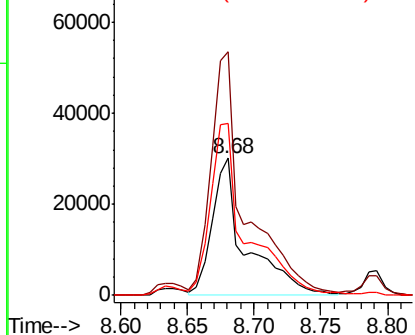
#35
 Caprolactam
 Concen: 38.252 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BF110451.D
 Acq: 3 Nov 2018 10:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 53121
 Ion Ratio Lower Upper
 113 100
 55 177.6 142.8 182.8
 56 125.5 105.0 145.0

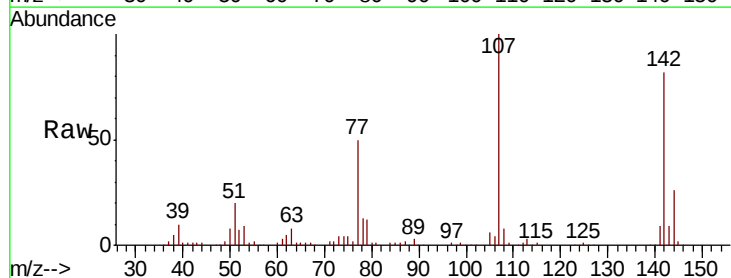


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

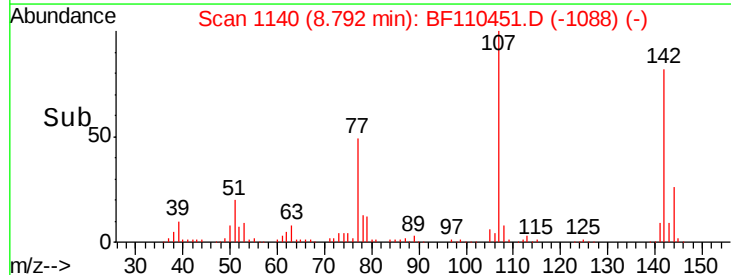
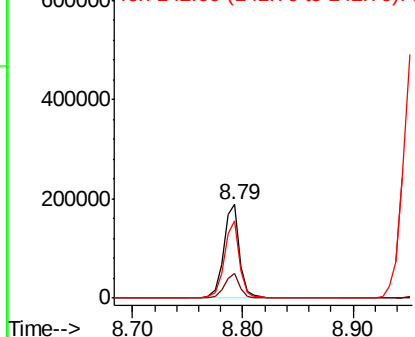


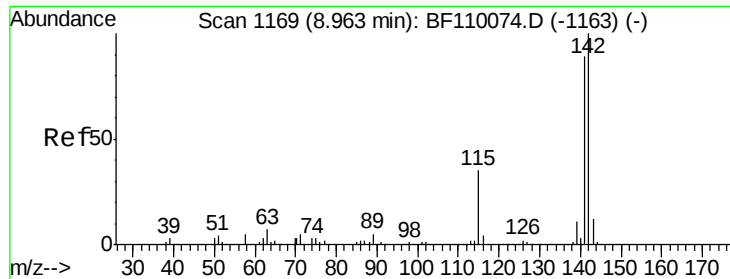
#36
 4-Chloro-3-methylphenol
 Concen: 44.103 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: BF110451.D
 Acq: 3 Nov 2018 10:20

Tgt Ion:107 Resp: 190016
 Ion Ratio Lower Upper
 107 100
 144 26.3 20.0 30.0
 142 81.9 59.7 89.5



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

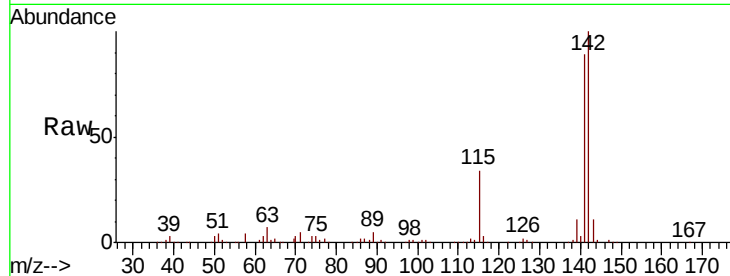




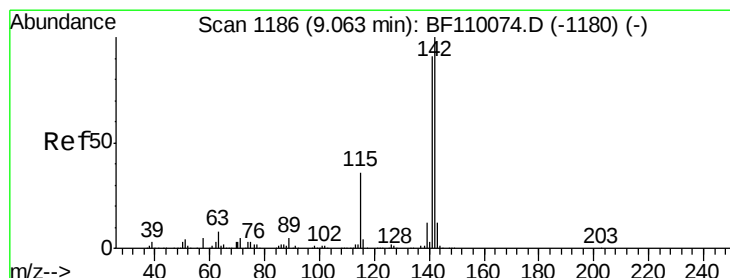
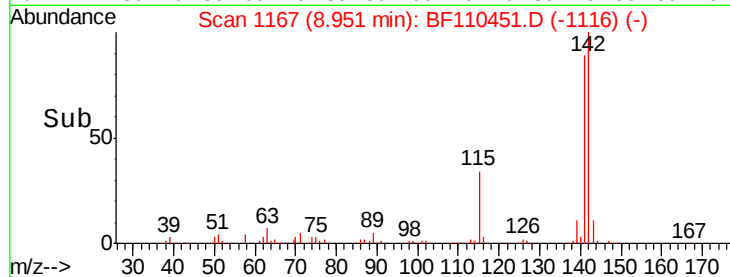
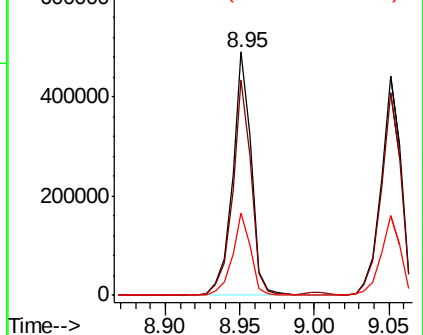
#37
2-Methylnaphthalene
Concen: 49.612 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 434452
Ion Ratio Lower Upper
142 100
141 88.7 71.4 107.2
115 33.7 28.7 43.1

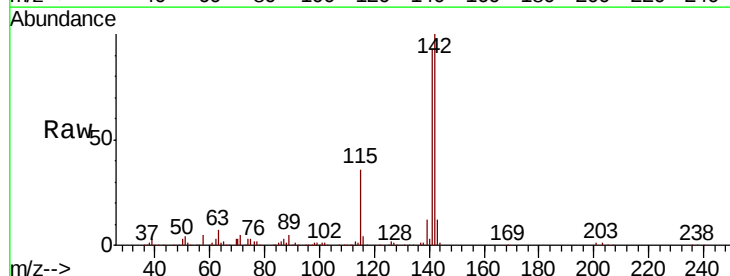


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

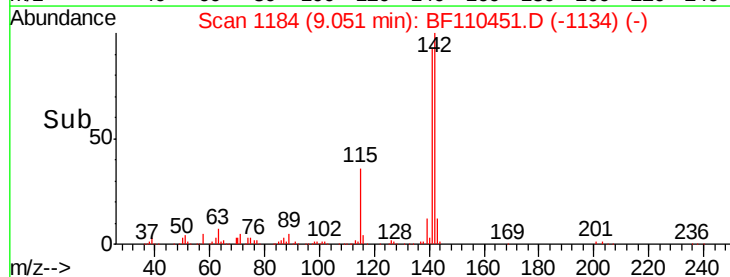
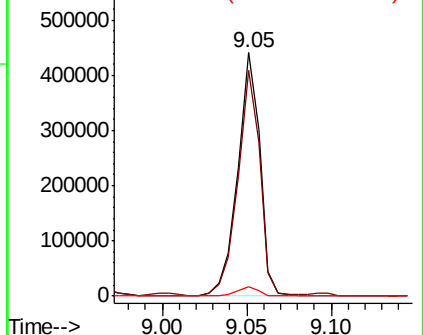


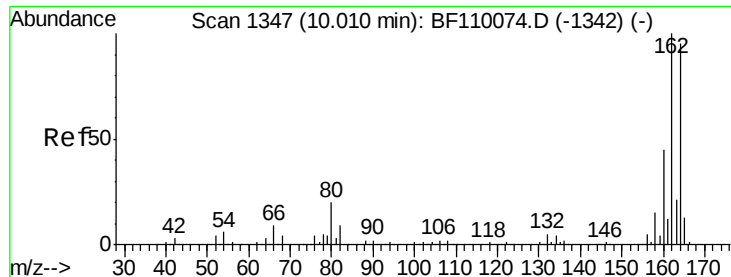
#38
1-Methylnaphthalene
Concen: 47.332 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Tgt Ion:142 Resp: 400543
Ion Ratio Lower Upper
142 100
141 92.9 74.2 111.4
116 3.8 2.6 4.0



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

Instrument :

BNA_F

ClientSampleId :

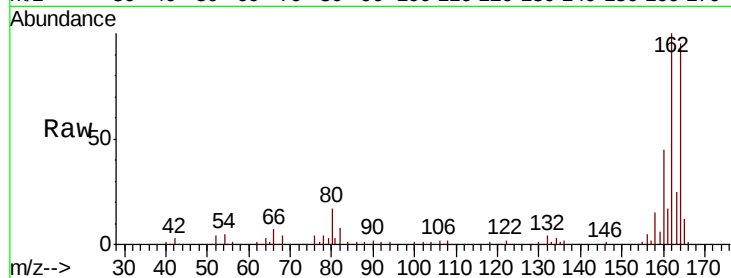
Tot Ion:164 Resp: 117278

Ion Ratio Lower Upper

164 100

162 105.3 83.0 124.6

160 47.6 37.0 55.6

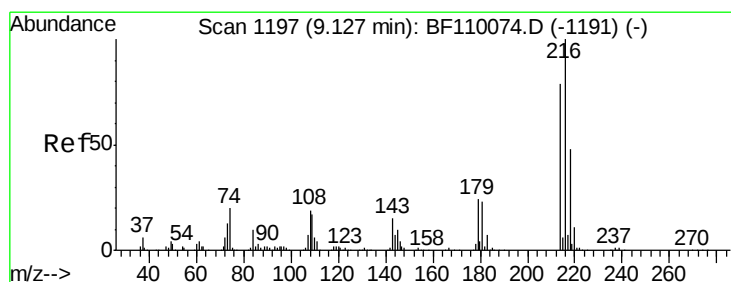
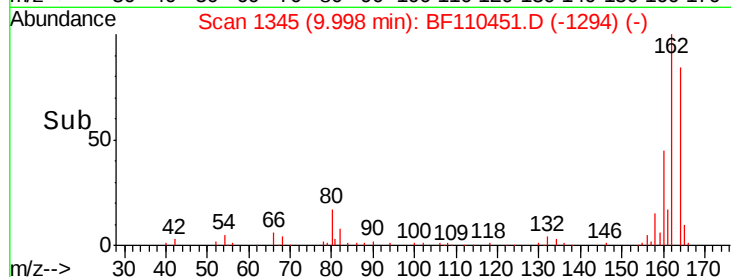
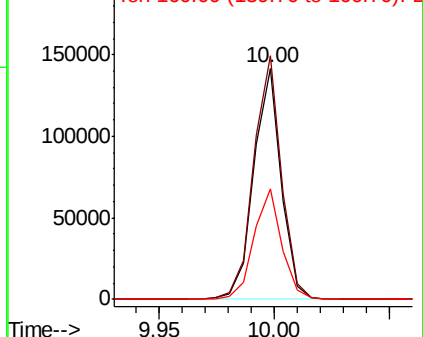


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.873 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

Tgt Ion:216 Resp: 182243

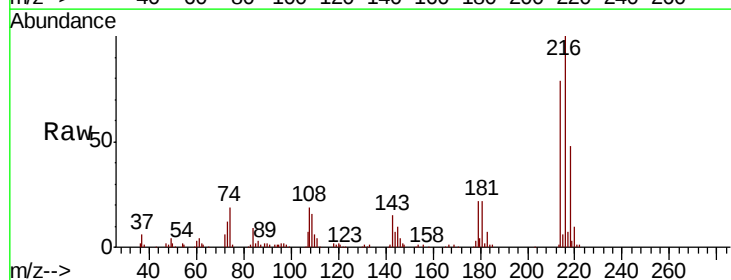
Ion Ratio Lower Upper

216 100

214 78.5 63.8 95.6

179 22.3 16.6 25.0

108 18.1 15.1 22.7



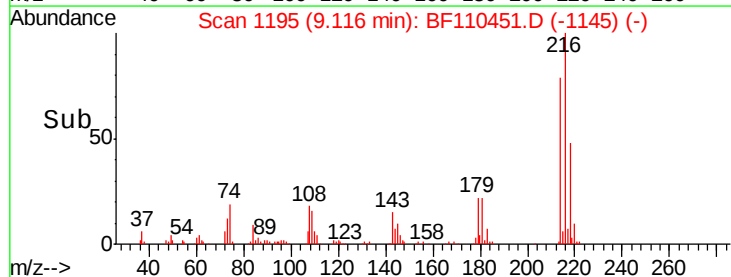
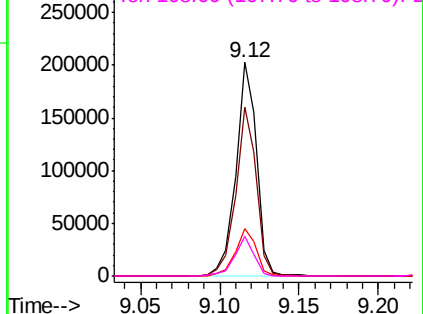
Abundance

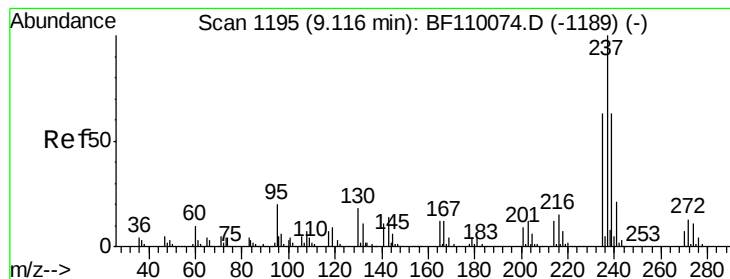
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 15.414 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

Instrument :

BNA_F

ClientSampleId :

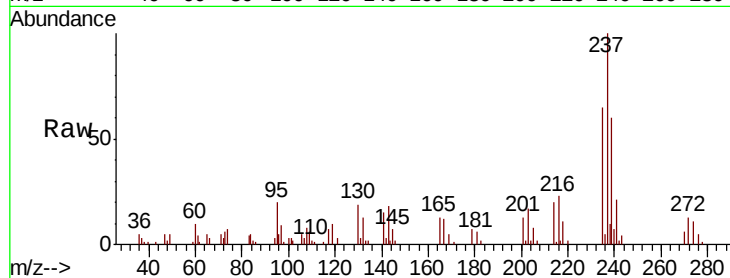
Tot Ion:237 Resp: 28800

Ion Ratio Lower Upper

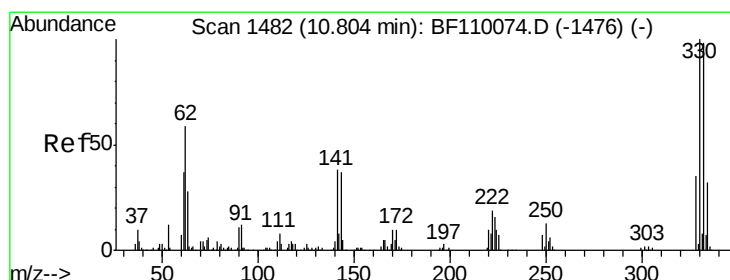
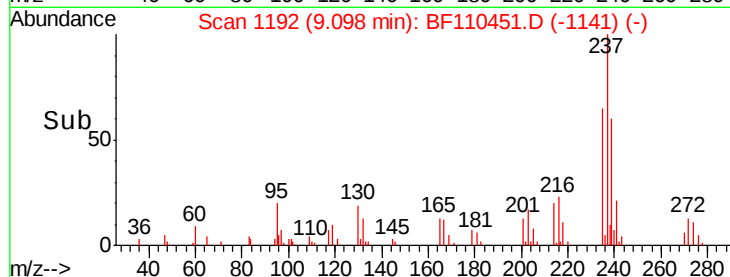
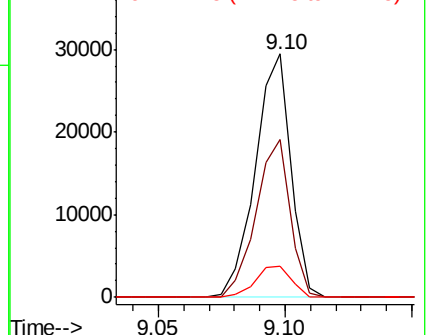
237 100

235 64.9 43.1 83.1

272 12.8 0.0 32.6



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 84.388 ng

RT: 10.79 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

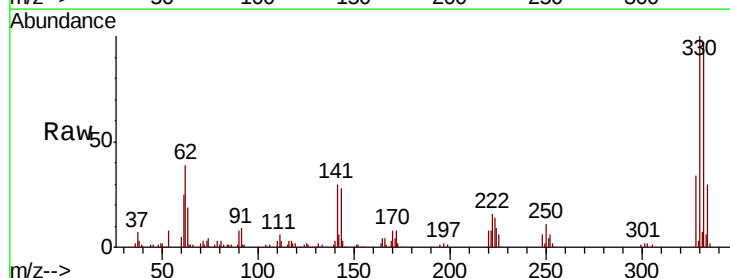
Tgt Ion:330 Resp: 98035

Ion Ratio Lower Upper

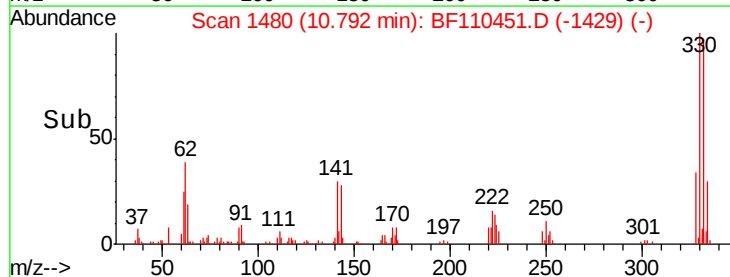
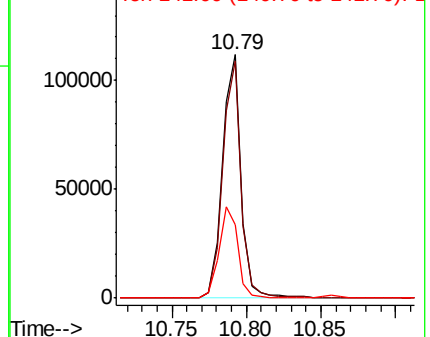
330 100

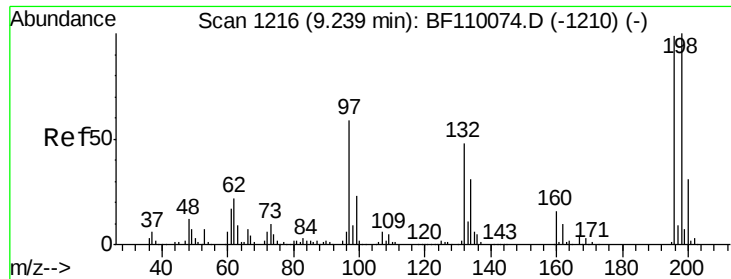
332 96.3 77.1 115.7

141 37.7 27.0 40.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

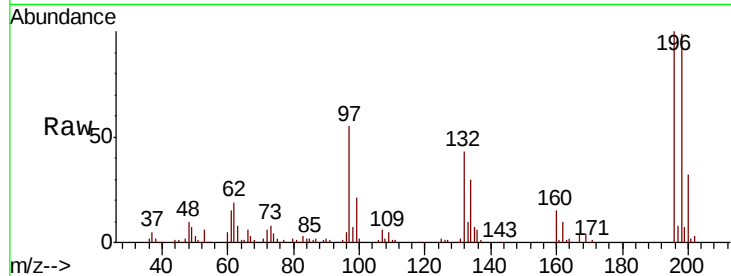




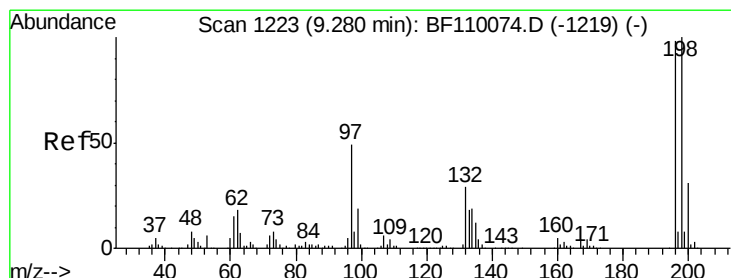
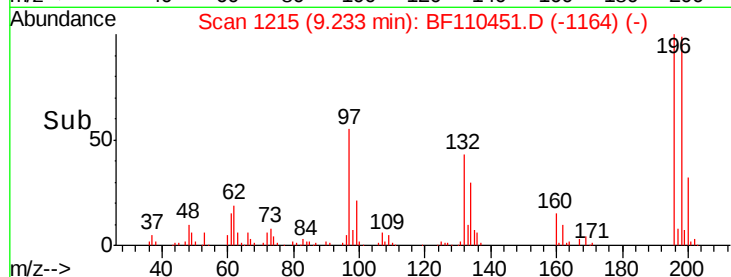
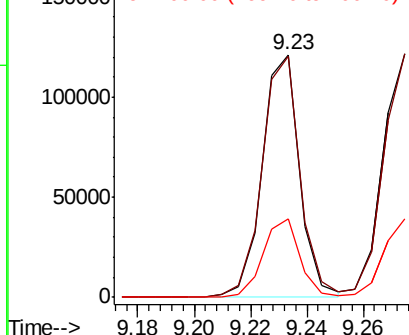
#43
 2,4,6-Trichlorophenol
 Concen: 47.273 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF110451.D
 Acq: 3 Nov 2018 10:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 111417
 Ion Ratio Lower Upper
 196 100
 198 99.5 76.2 114.4
 200 32.4 24.4 36.6

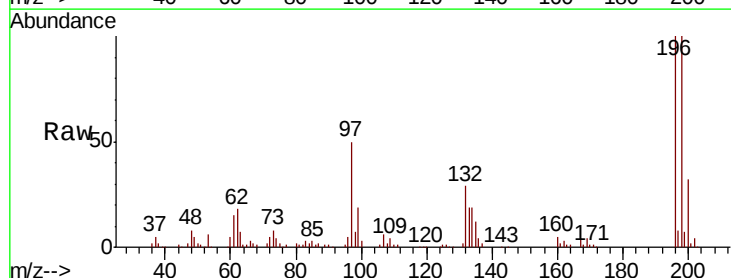


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

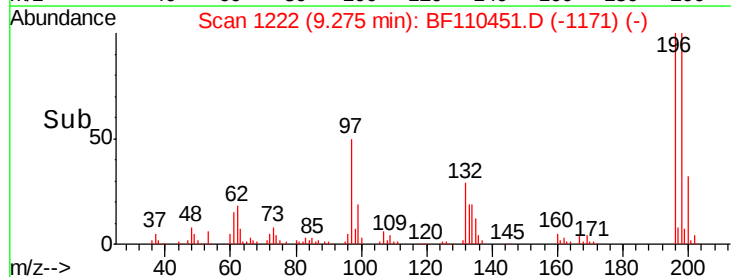
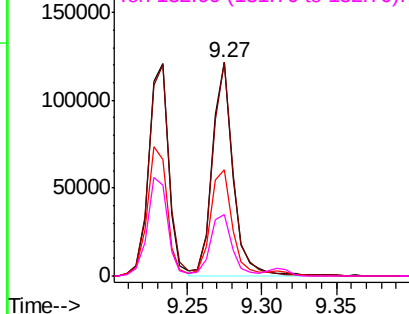


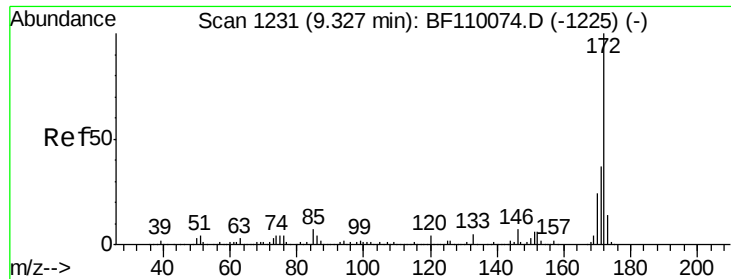
#44
 2,4,5-Trichlorophenol
 Concen: 47.358 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BF110451.D
 Acq: 3 Nov 2018 10:20

Tgt Ion:196 Resp: 117984
 Ion Ratio Lower Upper
 196 100
 198 99.8 75.8 113.6
 97 49.8 42.4 63.6
 132 29.1 22.8 34.2



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

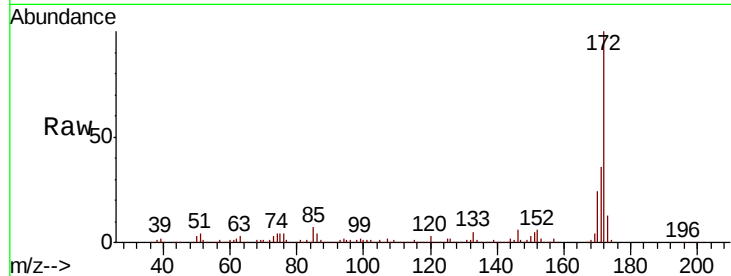




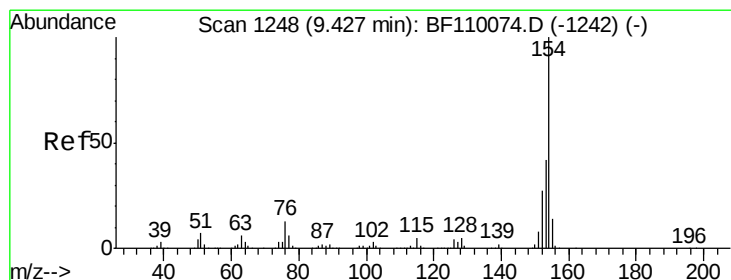
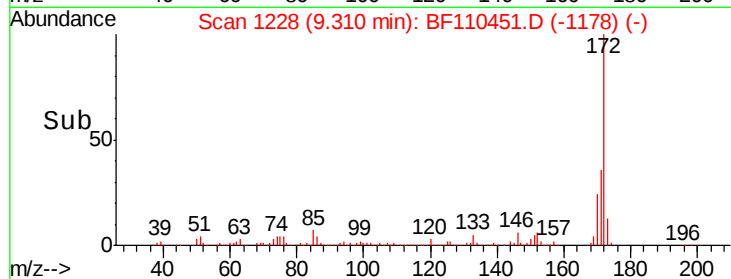
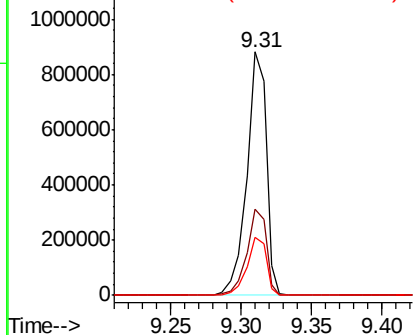
#45
 2-Fluorobiphenyl
 Concen: 114.483 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110451.D
 Acq: 3 Nov 2018 10:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 855038
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.6 43.0
 170 24.0 19.7 29.5

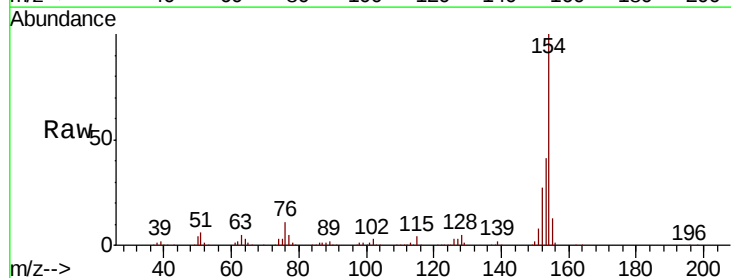


Abundance Ion 172.00 (171.70 to 172.70): E
 1200000
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

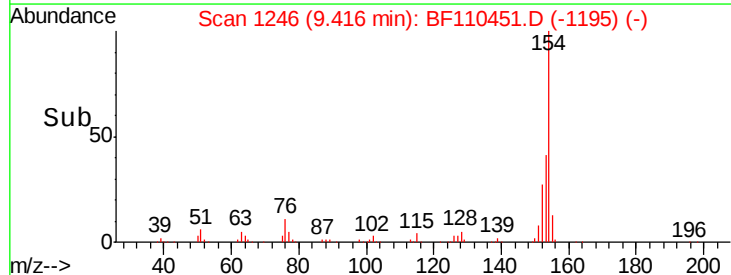
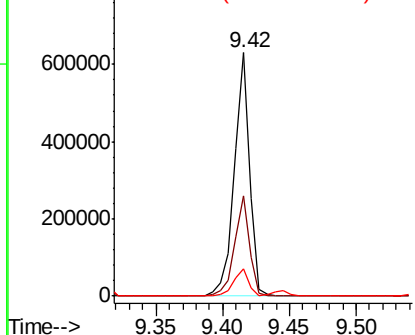


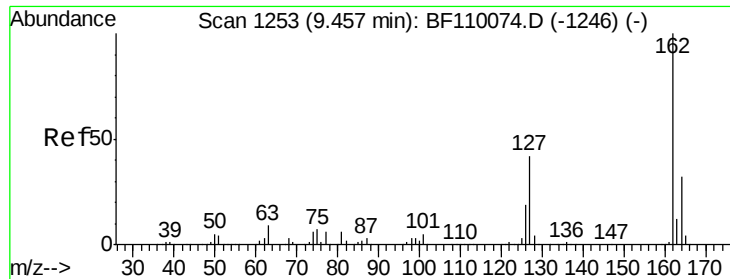
#46
 1,1'-Biphenyl
 Concen: 48.245 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. 0.00 min
 Lab File: BF110451.D
 Acq: 3 Nov 2018 10:20

Tgt Ion:154 Resp: 511657
 Ion Ratio Lower Upper
 154 100
 153 41.0 20.4 60.4
 76 11.3 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E
 800000
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 47.736 ng

RT: 9.45 min Scan# 1251

Delta R.T. 0.00 min

Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

Instrument :

BNA_F

ClientSampled :

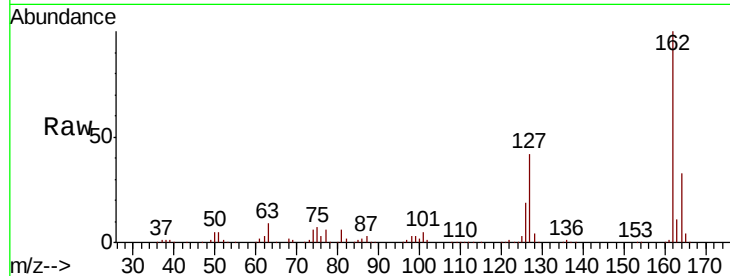
Tot Ion:162 Resp: 371354

Ion Ratio Lower Upper

162 100

127 41.5 32.6 48.8

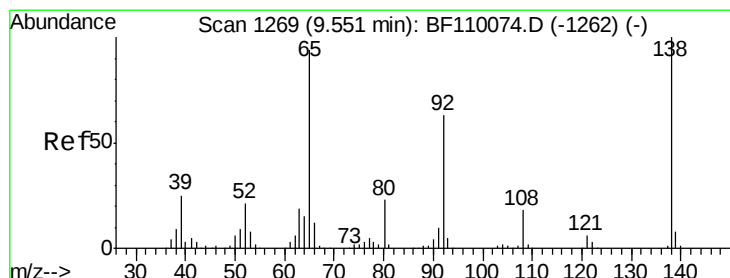
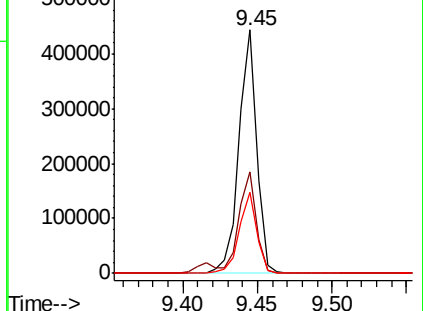
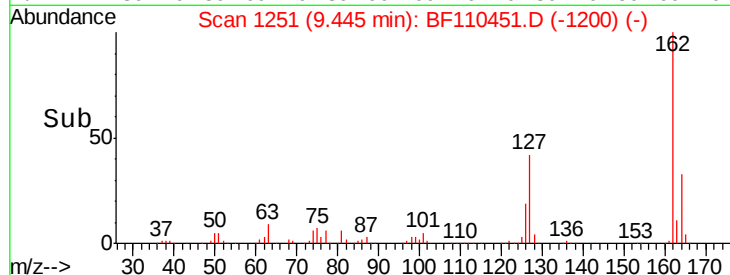
164 33.2 25.9 38.9



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 51.738 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

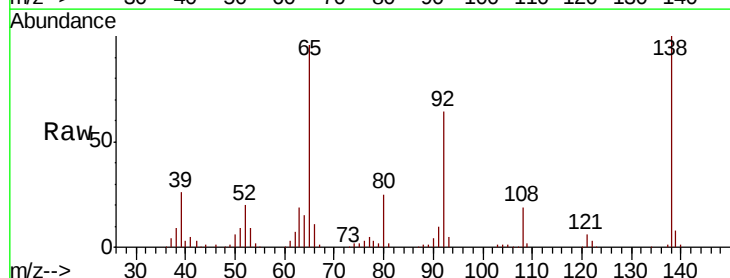
Tgt Ion: 65 Resp: 121966

Ion Ratio Lower Upper

65 100

92 66.6 54.6 81.8

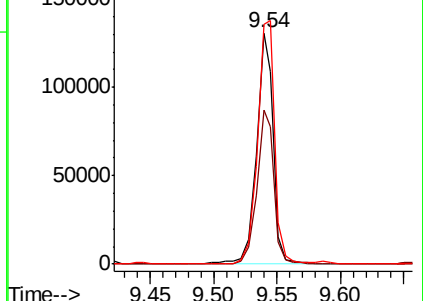
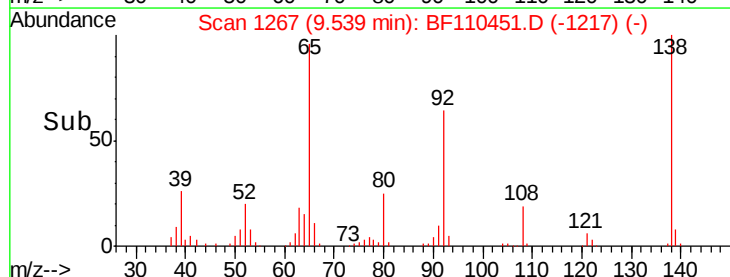
138 104.0 80.3 120.5

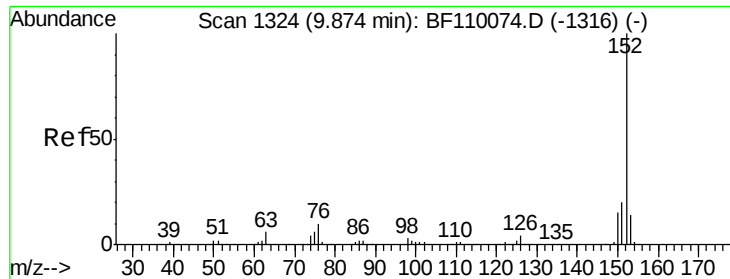


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 50.669 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

Instrument :

BNA_F

ClientSampleId :

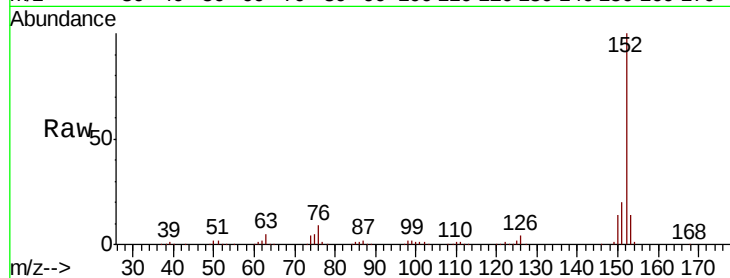
Tot Ion:152 Resp: 569324

Ion Ratio Lower Upper

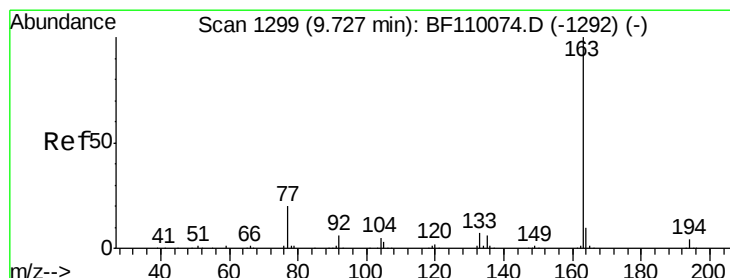
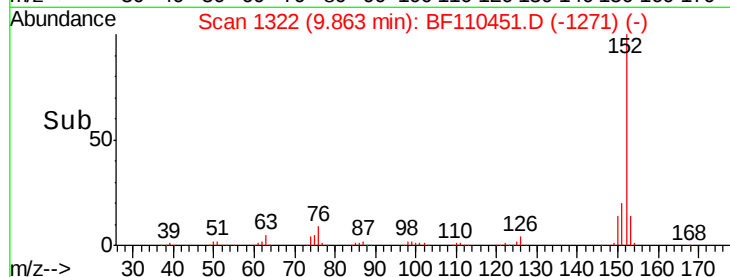
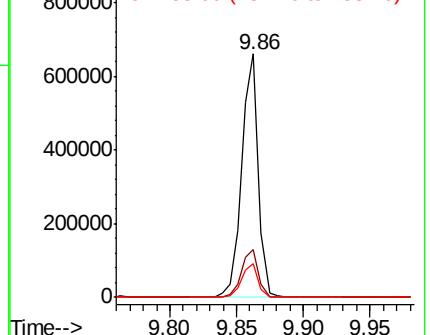
152 100

151 19.8 15.8 23.8

153 13.7 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 52.387 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

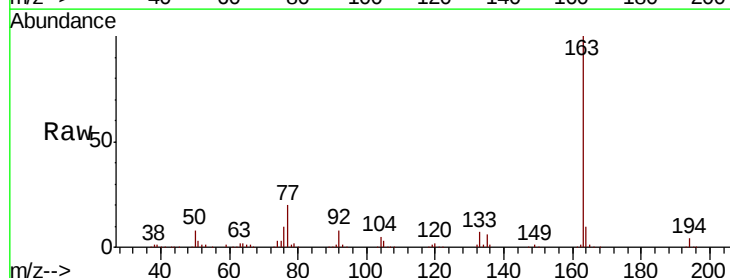
Tgt Ion:163 Resp: 453521

Ion Ratio Lower Upper

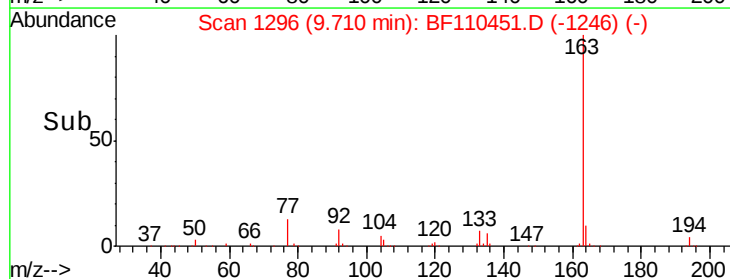
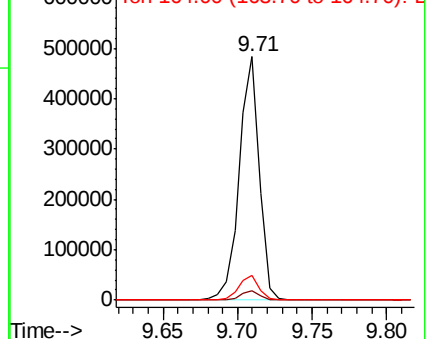
163 100

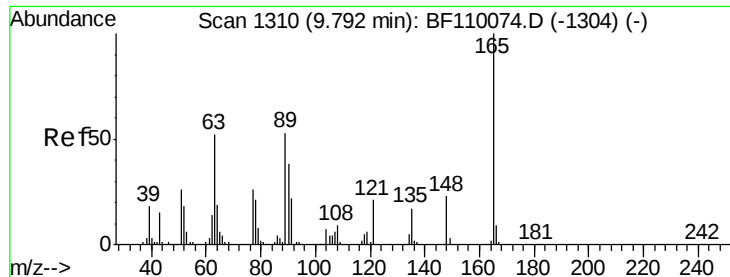
194 3.8 3.2 4.8

164 9.9 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 44.636 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

Instrument :

BNA_F

ClientSampleId :

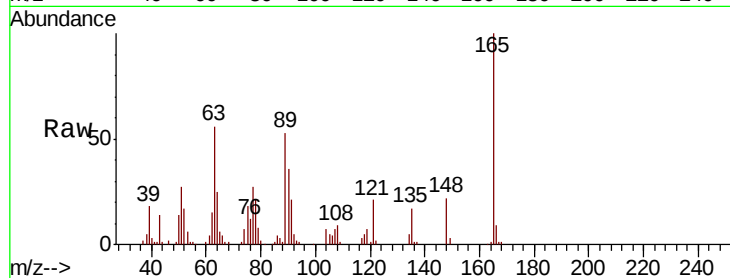
Tot Ion:165 Resp: 83236

Ion Ratio Lower Upper

165 100

63 56.4 48.9 73.3

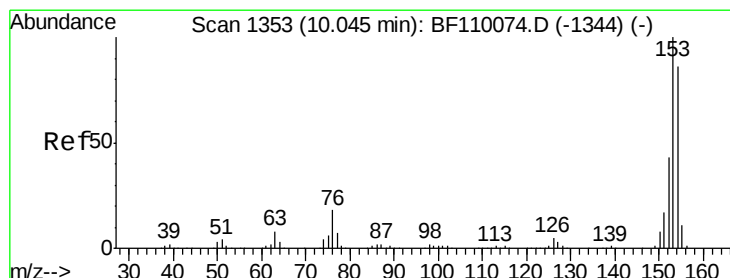
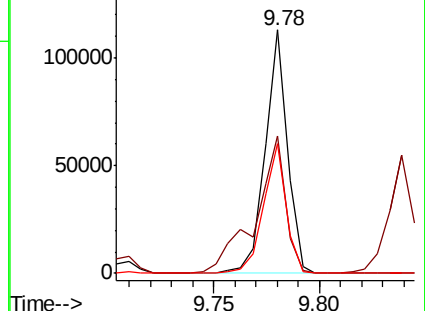
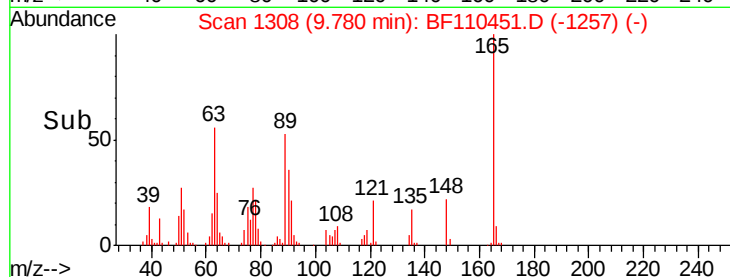
89 53.5 46.6 69.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 45.345 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.00 min

Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

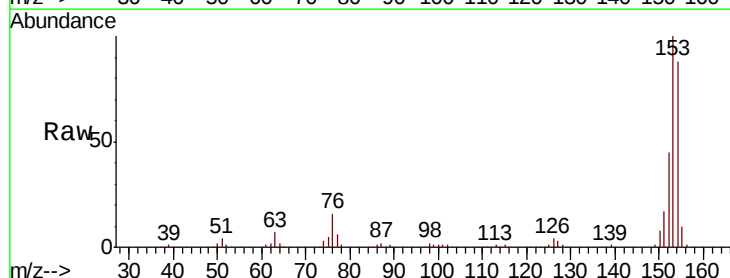
Tgt Ion:154 Resp: 337061

Ion Ratio Lower Upper

154 100

153 113.1 90.1 135.1

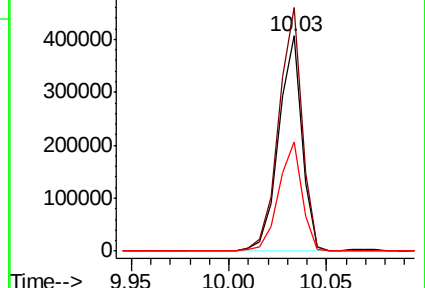
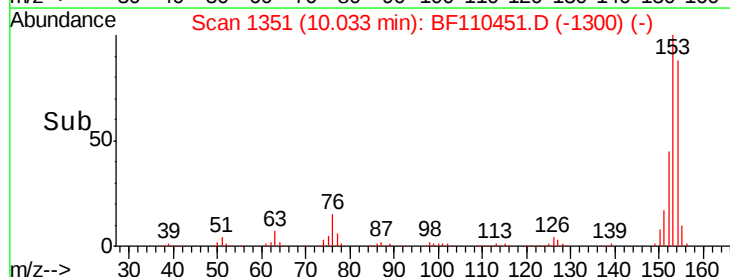
152 50.9 43.4 65.2

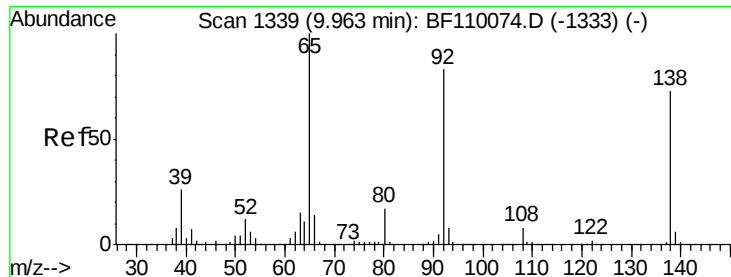


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

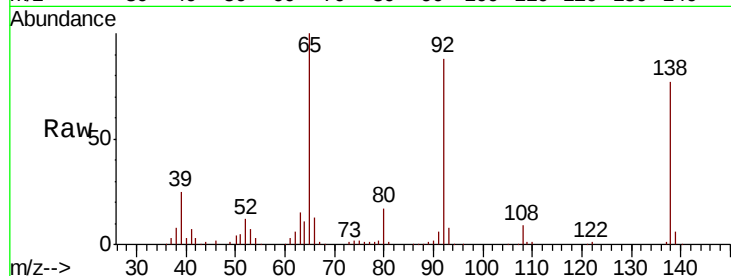




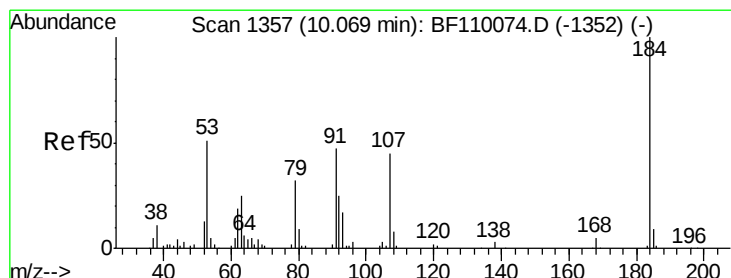
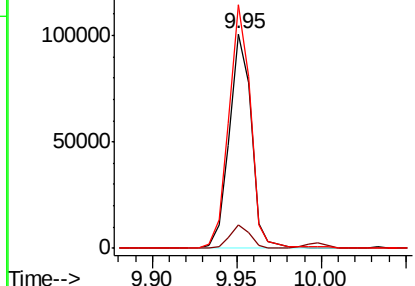
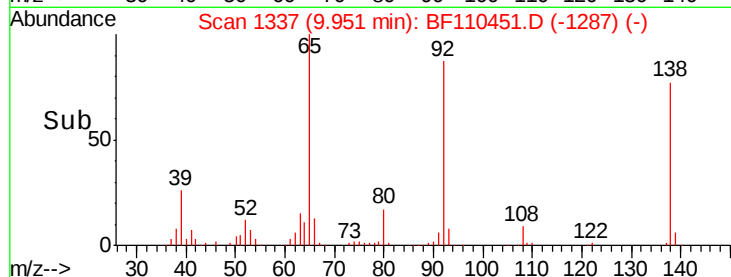
#53
3-Nitroaniline
Concen: 41.151 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 91256
Ion Ratio Lower Upper
138 100
108 11.2 8.7 13.1
92 113.6 97.0 145.4

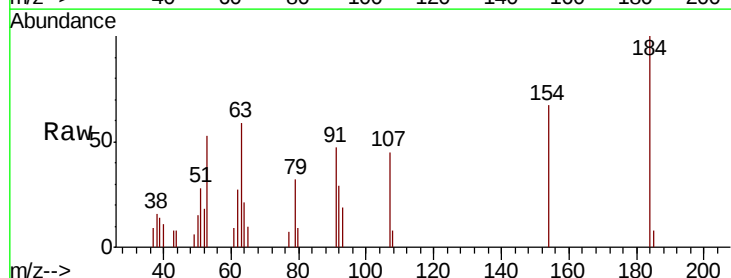


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

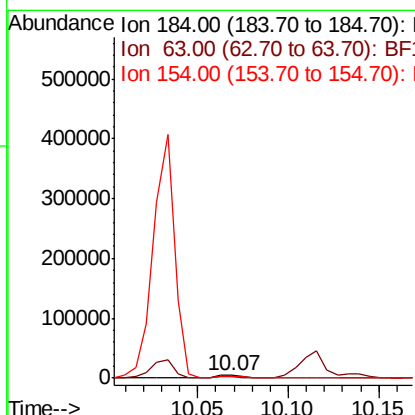
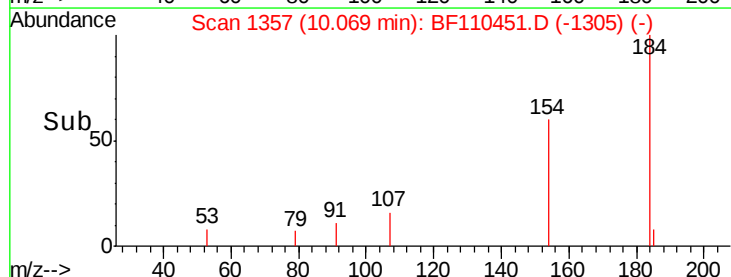


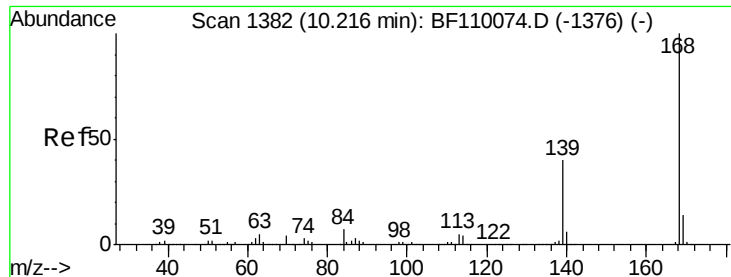
#54
2,4-Dinitrophenol
Concen: 12.956 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Tgt Ion:184 Resp: 6157
Ion Ratio Lower Upper
184 100
63 58.5 55.8 83.6
154 66.7 63.2 94.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

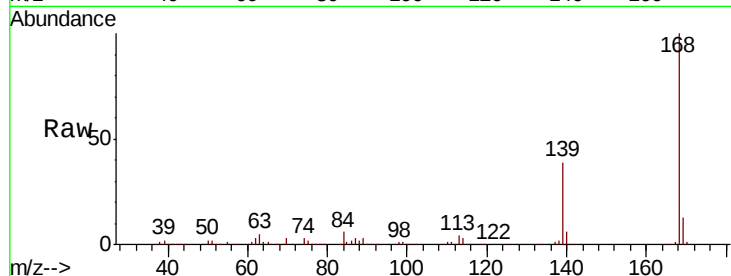




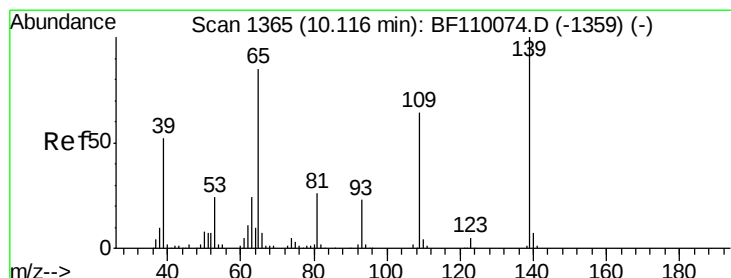
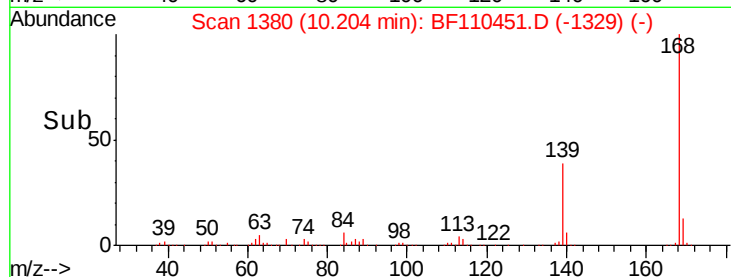
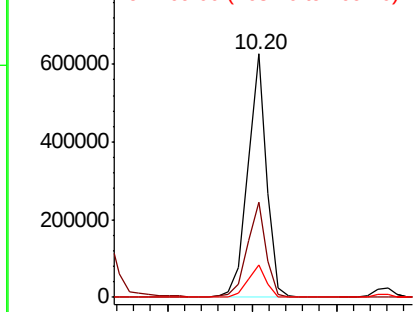
#55
Dibenzenofuran
Concen: 46.617 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 485152
Ion Ratio Lower Upper
168 100
139 38.9 33.0 49.6
169 13.5 11.3 16.9

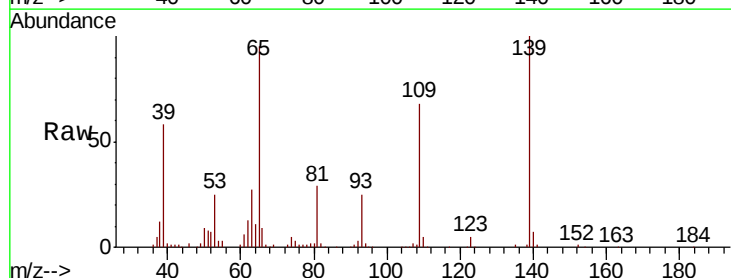


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

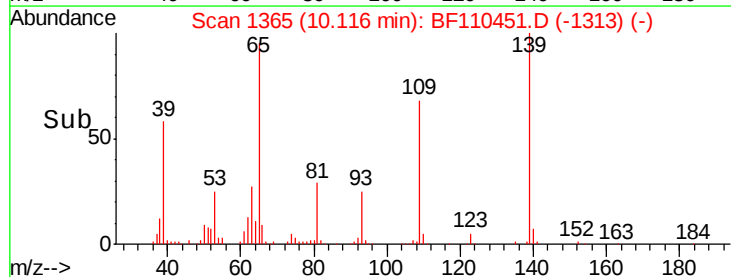
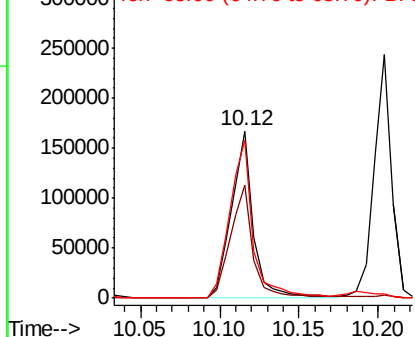


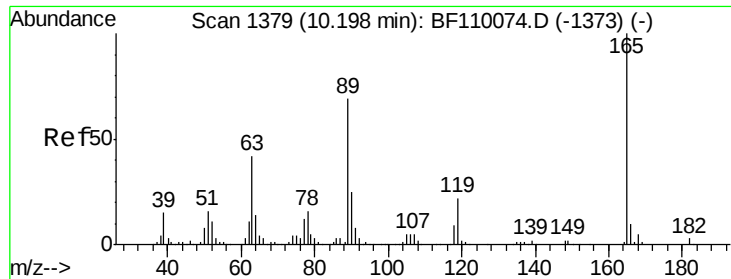
#56
4-Nitrophenol
Concen: 98.880 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Tgt Ion:139 Resp: 162290
Ion Ratio Lower Upper
139 100
109 67.5 55.8 95.8
65 94.6 77.9 117.9



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

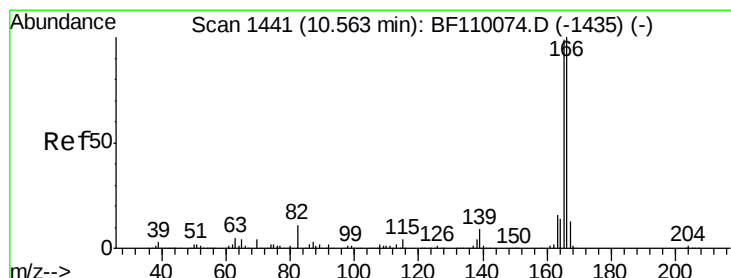
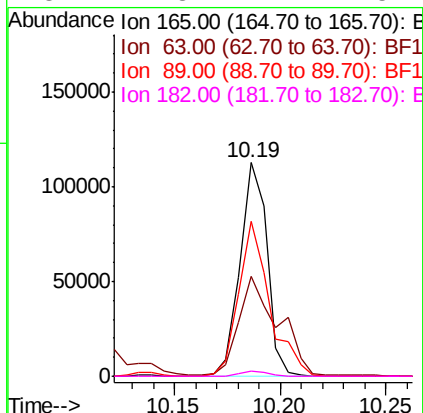
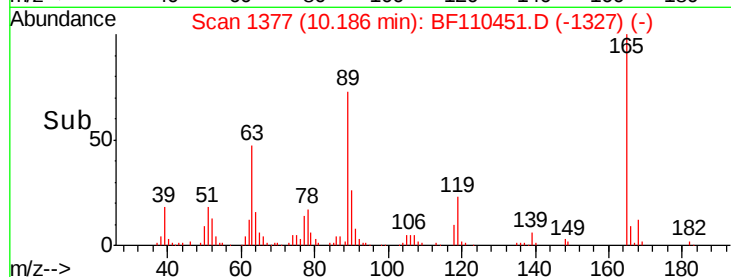
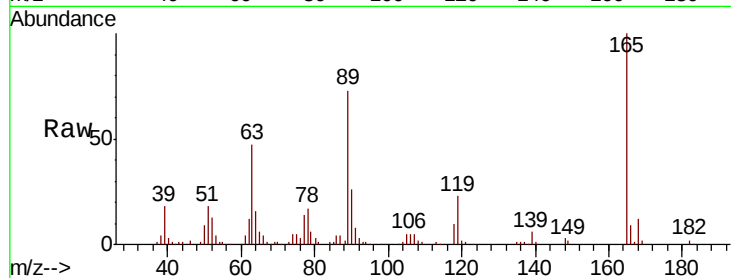




#57
2,4-Dinitrotoluene
Concen: 42.106 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

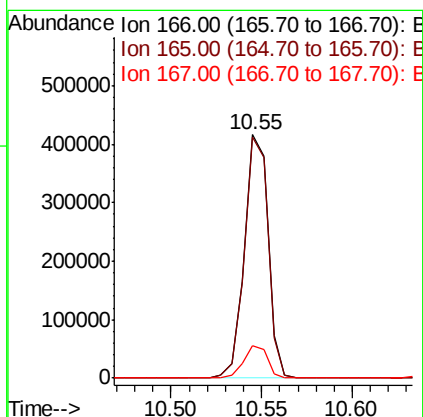
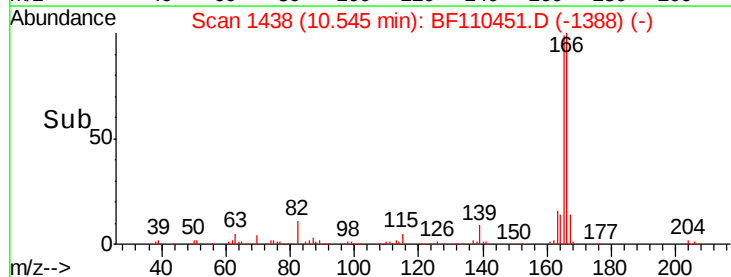
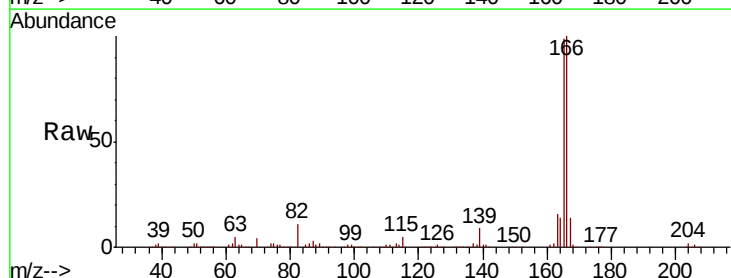
Instrument :
BNA_F
ClientSampleId :

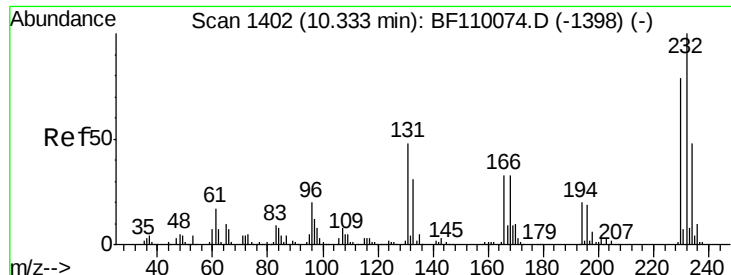
Tot Ion:165	Resp:	99733
Ion	Ratio	Lower Upper
165	100	
63	46.9	44.8 67.2
89	72.8	62.2 93.4
182	2.3	2.1 3.1



#58
Fluorene
Concen: 48.719 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Tgt Ion:166	Resp:	377352
Ion	Ratio	Lower Upper
166	100	
165	99.2	78.6 117.8
167	13.6	10.8 16.2

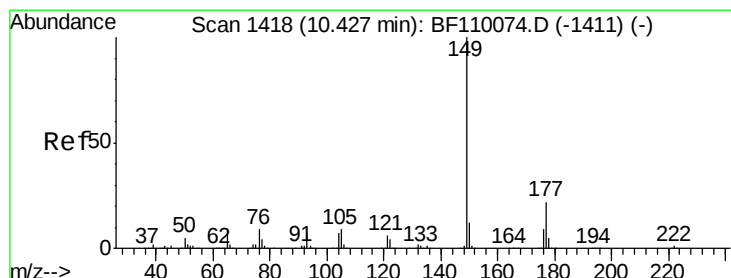
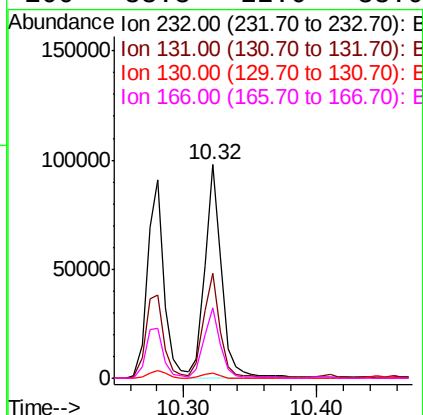
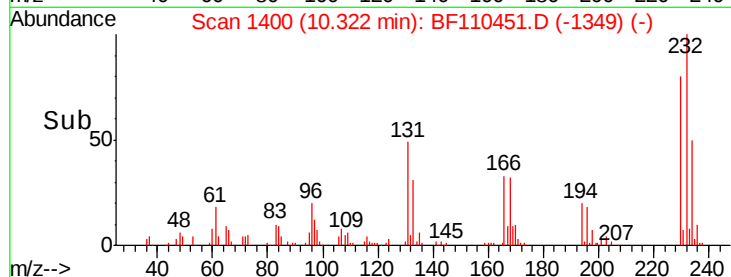
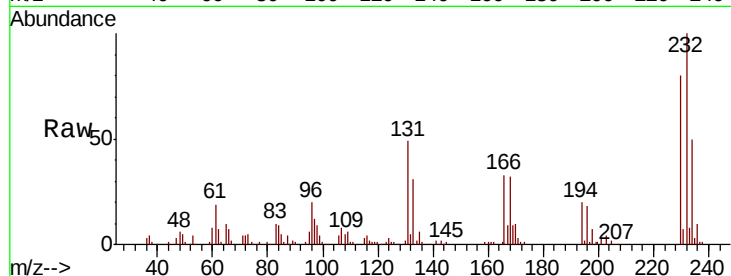




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.818 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

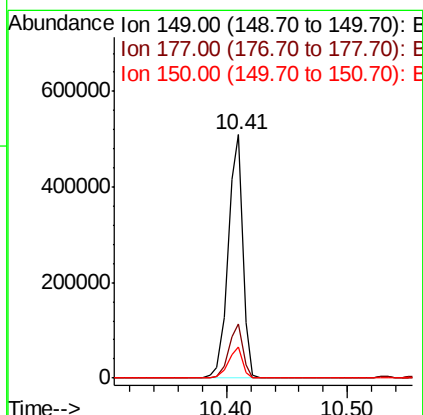
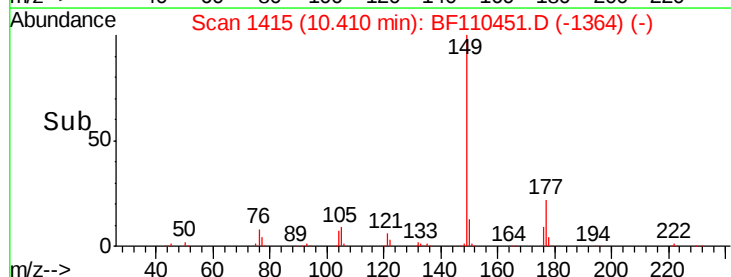
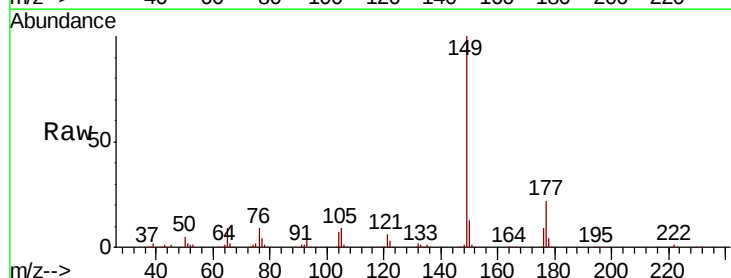
Instrument :
BNA_F
ClientSampled :

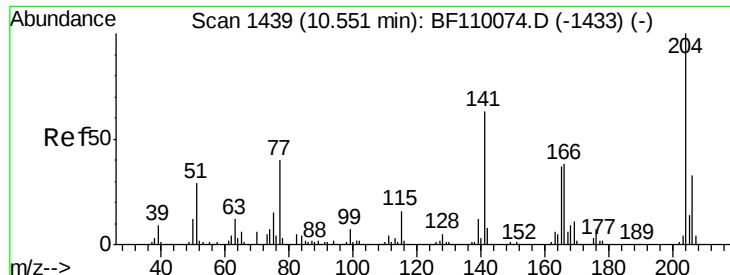
Tot Ion:232 Resp: 84917
Ion Ratio Lower Upper
232 100
131 49.5 37.0 55.4
130 2.2 1.8 2.6
166 33.3 22.0 33.0#



#60
Diethylphthalate
Concen: 50.454 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Tgt Ion:149 Resp: 426376
Ion Ratio Lower Upper
149 100
177 22.2 17.4 26.2
150 12.5 9.8 14.8

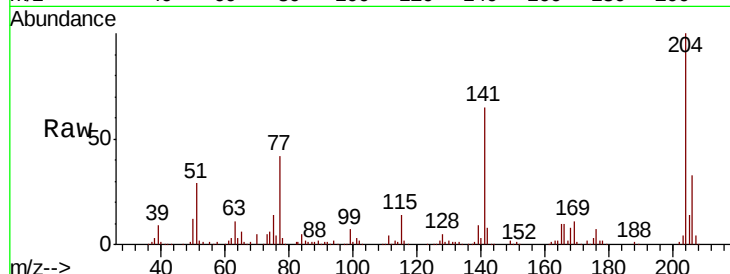




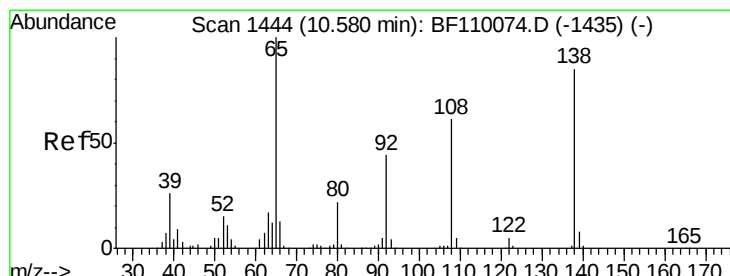
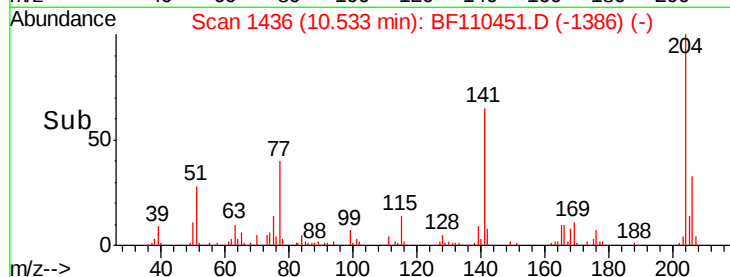
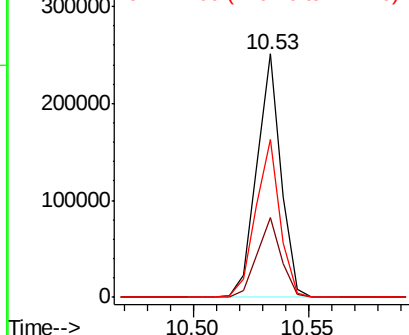
#61
4-Chlorophenyl-phenylether
Concen: 45.067 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 184143
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 64.6 51.8 77.8

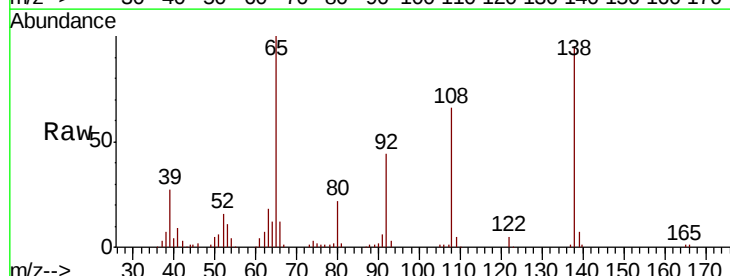


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

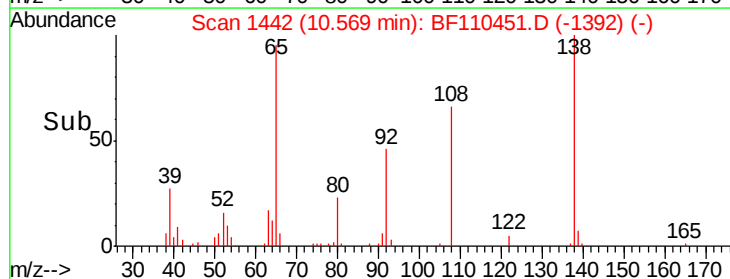
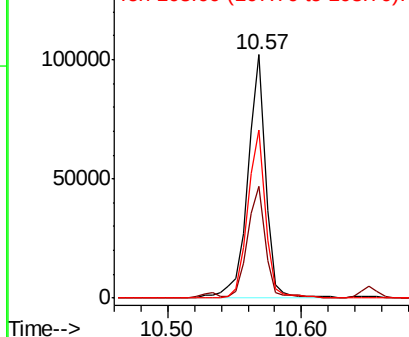


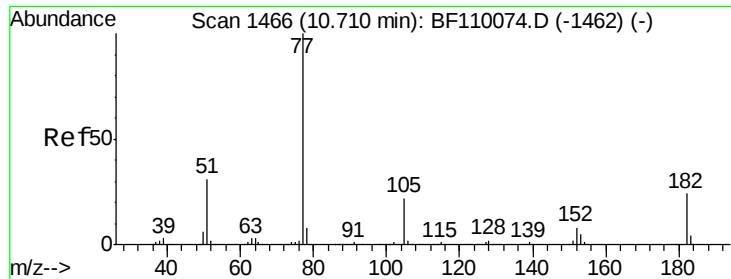
#62
4-Nitroaniline
Concen: 42.845 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Tgt Ion:138 Resp: 94499
Ion Ratio Lower Upper
138 100
92 46.1 31.7 71.7
108 69.0 59.3 99.3



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

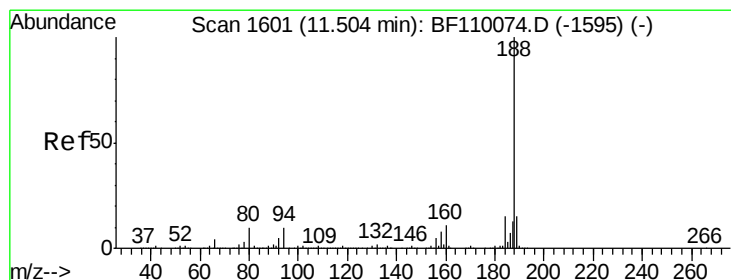
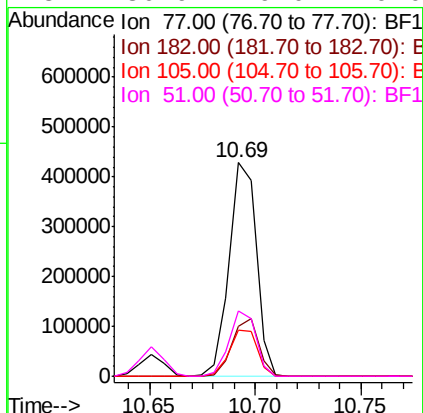
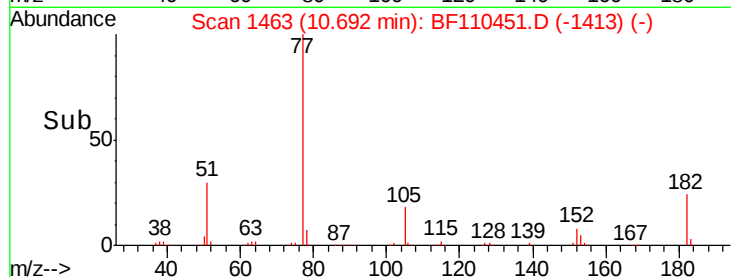
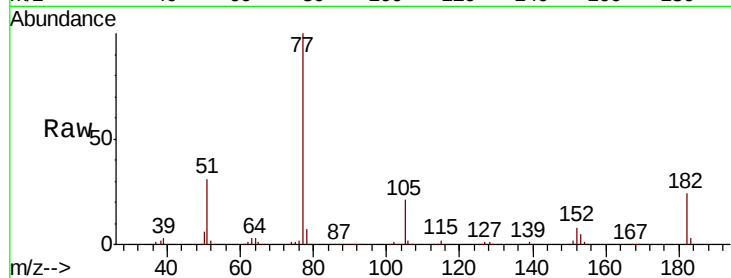




#63
Azobenzene
Concen: 45.498 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

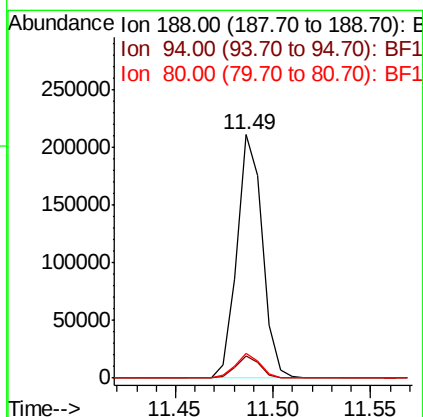
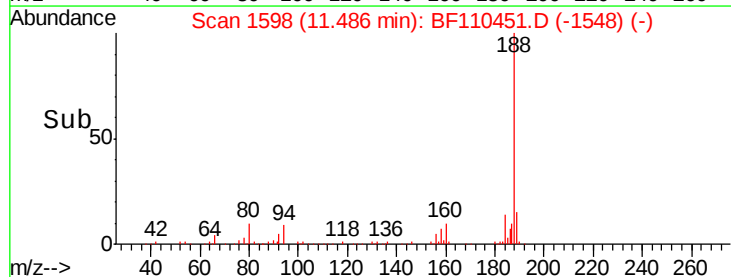
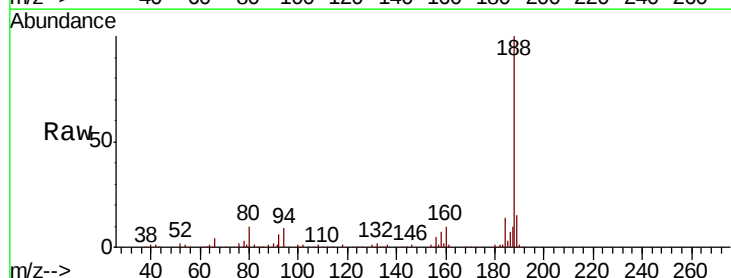
Instrument :
BNA_F
ClientSampleId :

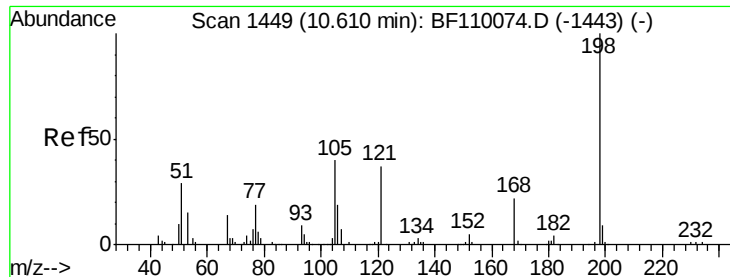
Tot Ion:	77	Resp:	381650
Ion	Ratio	Lower	Upper
77	100		
182	23.6	4.3	44.3
105	21.4	1.3	41.3
51	30.9	9.0	49.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Tgt Ion:	188	Resp:	190778
Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.2	10.8
80	10.3	7.9	11.9





#65

4,6-Dinitro-2-methylphenol

Concen: 6.805 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

Instrument :

BNA_F

ClientSampled :

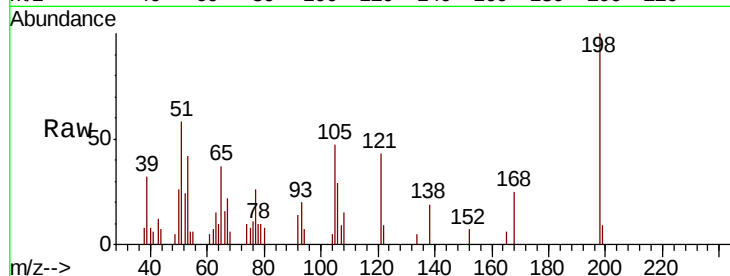
Tot Ion:198 Resp: 5931

Ion Ratio Lower Upper

198 100

51 58.3 22.8 62.8

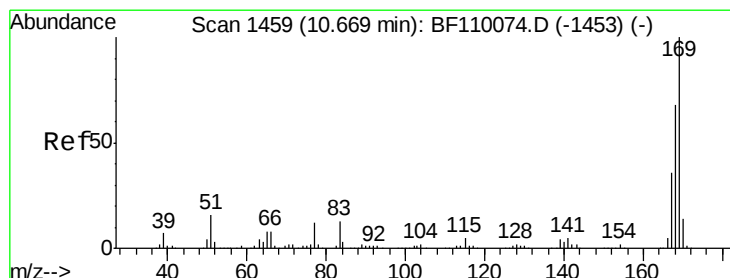
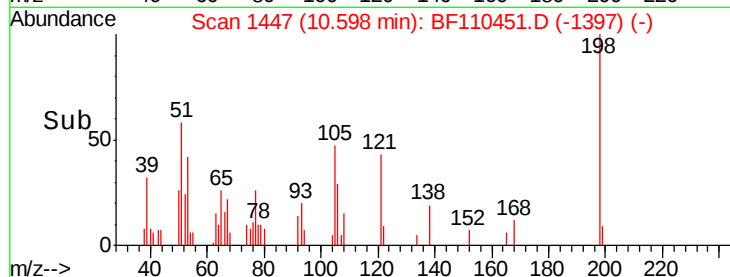
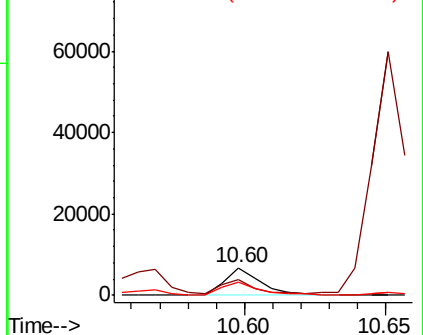
105 46.8 23.6 63.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 52.154 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

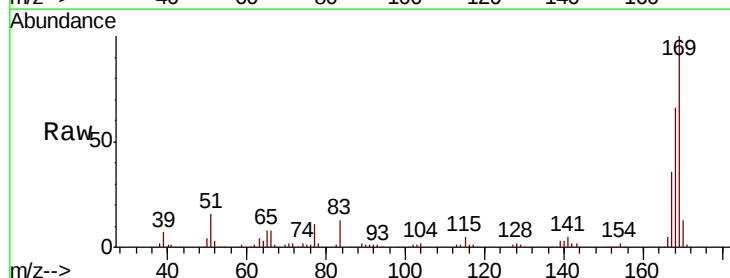
Tgt Ion:169 Resp: 326357

Ion Ratio Lower Upper

169 100

168 66.1 51.2 76.8

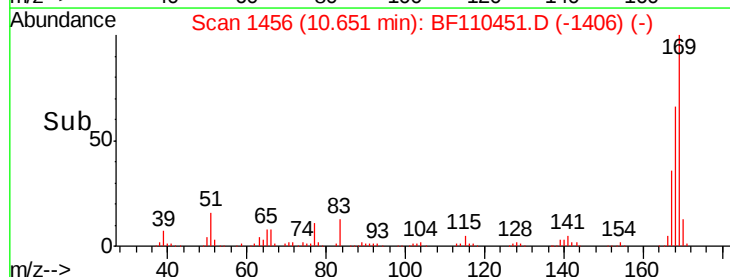
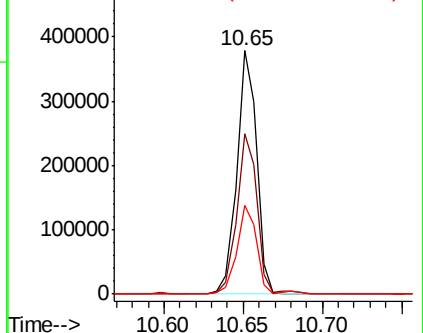
167 36.4 27.8 41.6

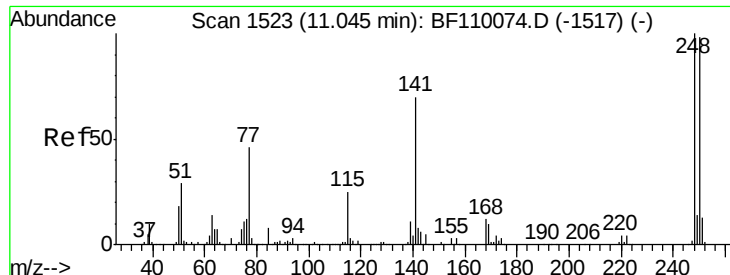


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

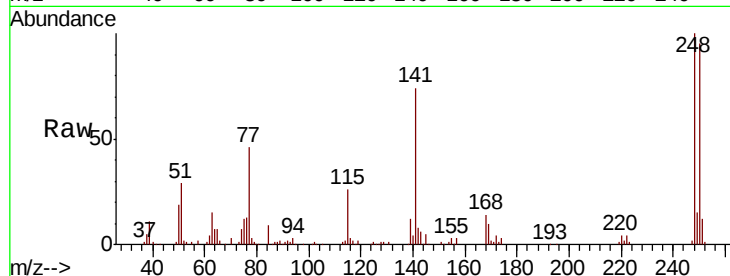




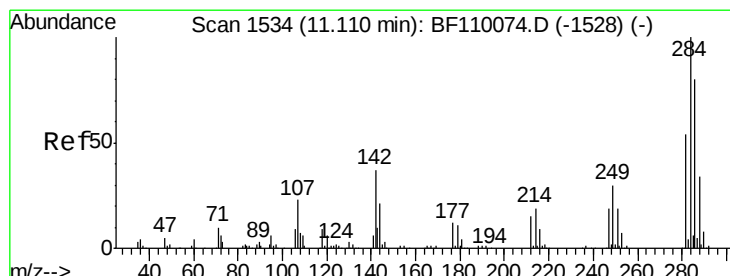
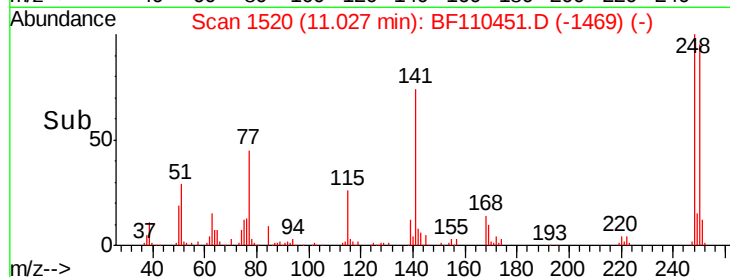
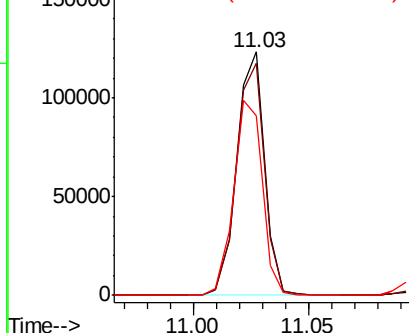
#67
4-Bromophenyl-phenylether
Concen: 50.008 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 103487
Ion Ratio Lower Upper
248 100
250 95.3 79.4 119.2
141 73.9 55.9 83.9

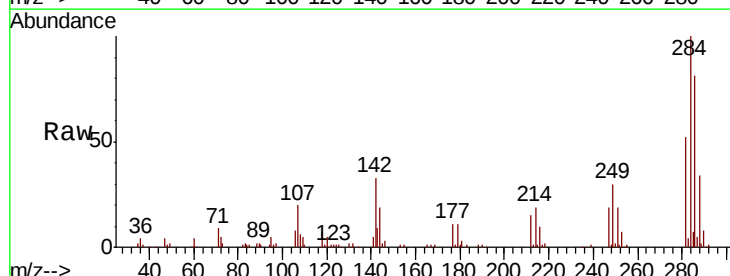


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

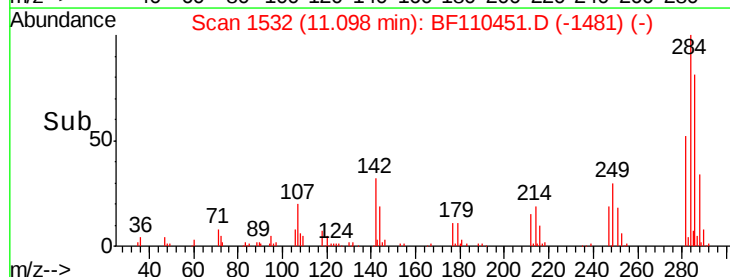
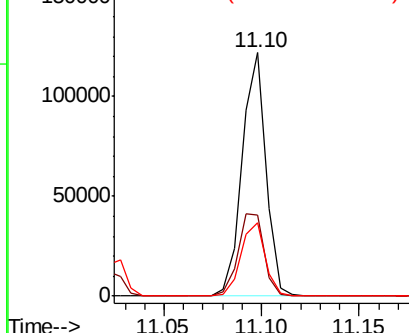


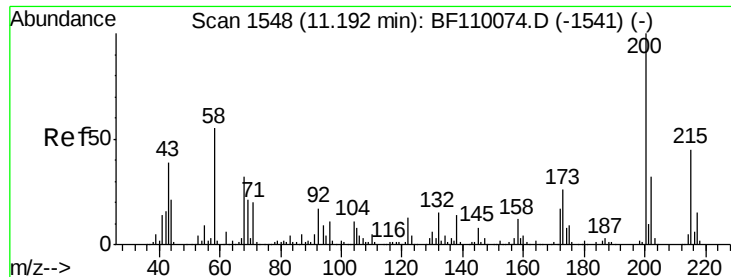
#68
Hexachlorobenzene
Concen: 47.037 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Tgt Ion:284 Resp: 103279
Ion Ratio Lower Upper
284 100
142 33.2 23.9 35.9
249 30.2 24.2 36.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

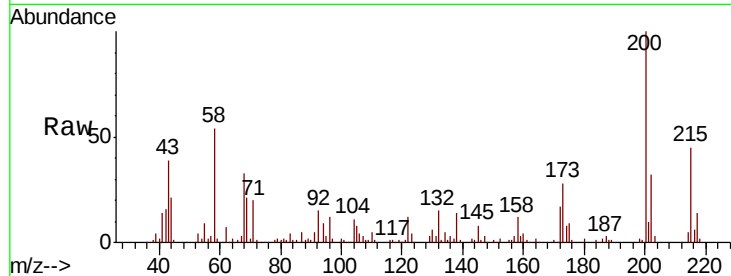




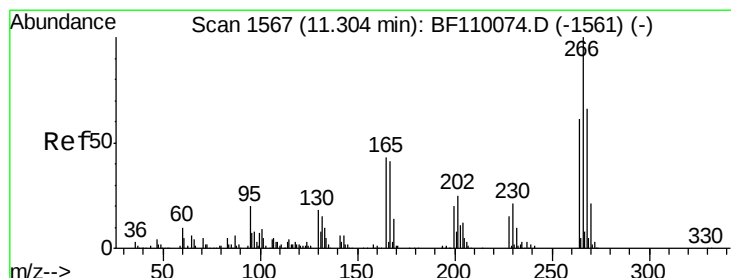
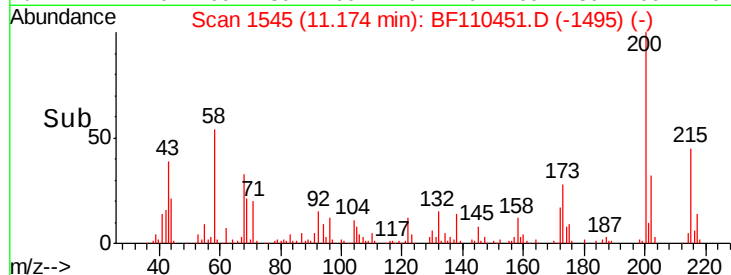
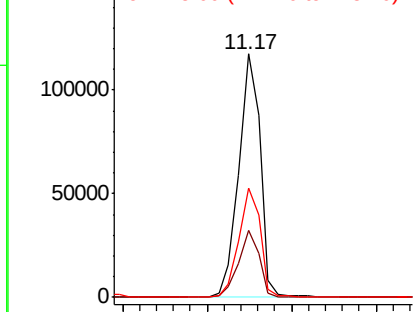
#69
Atrazine
Concen: 52.502 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 103823
Ion Ratio Lower Upper
200 100
173 27.6 6.6 46.6
215 44.9 26.3 66.3

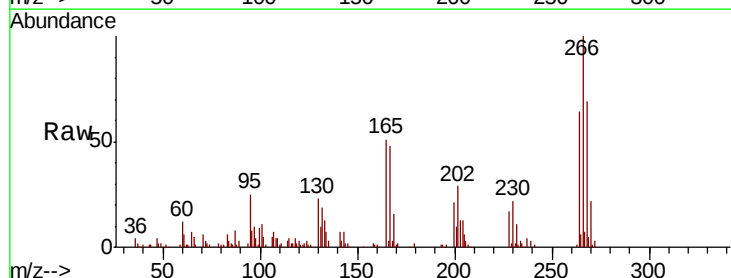


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

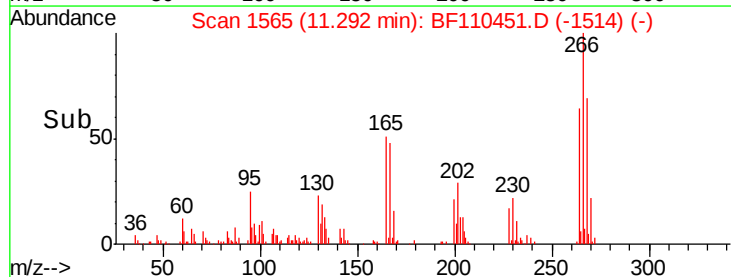
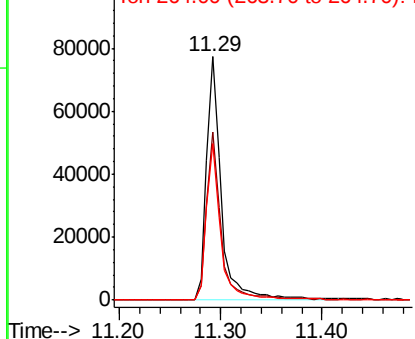


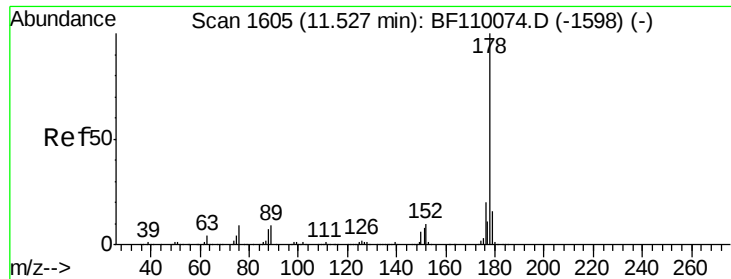
#70
Pentachlorophenol
Concen: 61.563 ng
RT: 11.29 min Scan# 1565
Delta R.T. 0.00 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Tgt Ion:266 Resp: 78820
Ion Ratio Lower Upper
266 100
268 68.9 50.6 75.8
264 64.4 50.6 75.8



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 50.913 ng

RT: 11.52 min Scan# 1603

Delta R.T. 0.00 min

Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

Instrument :

BNA_F

ClientSampleId :

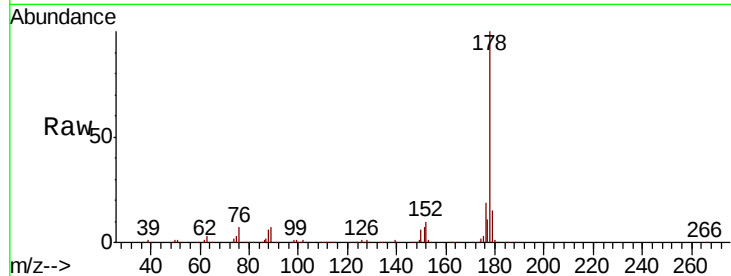
Tot Ion:178 Resp: 508231

Ion Ratio Lower Upper

178 100

176 19.2 15.5 23.3

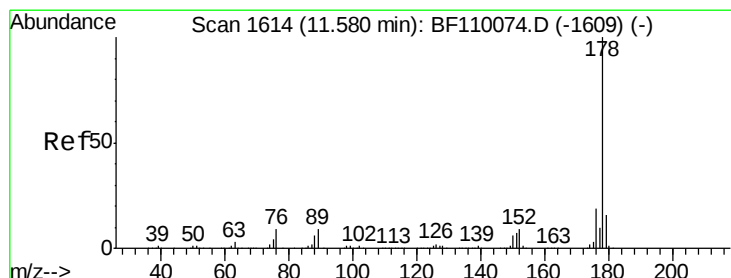
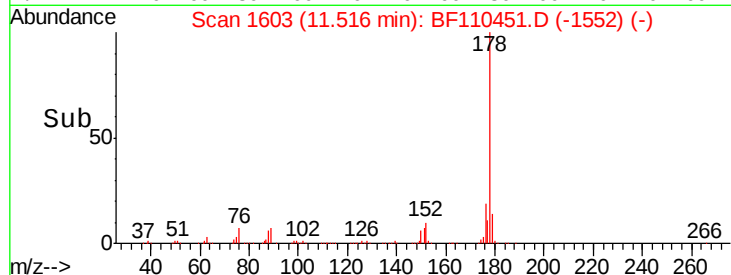
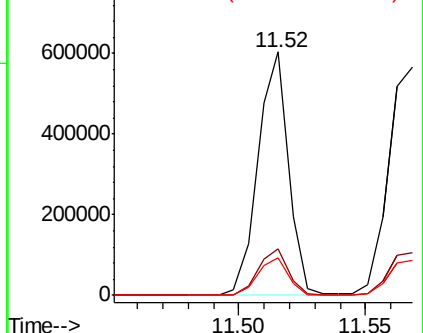
179 15.2 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 52.263 ng

RT: 11.57 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

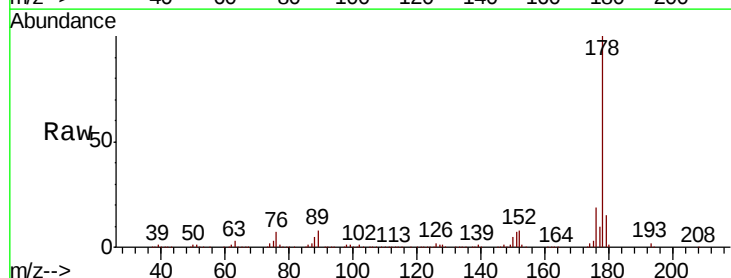
Tgt Ion:178 Resp: 522928

Ion Ratio Lower Upper

178 100

176 18.5 15.4 23.2

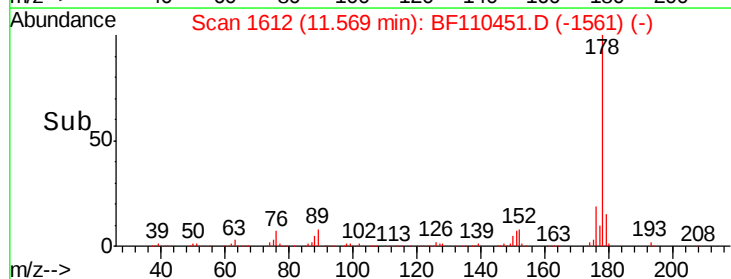
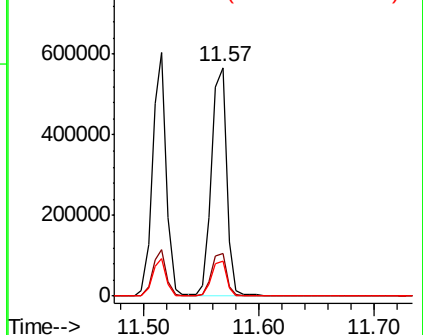
179 15.1 12.6 18.8

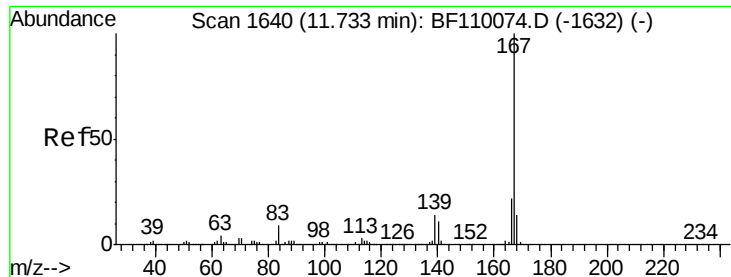


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 46.138 ng

RT: 11.72 min Scan# 1638

Delta R.T. 0.00 min

Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

Instrument :

BNA_F

ClientSampleId :

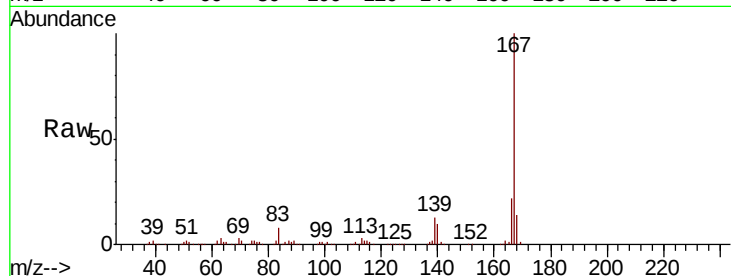
Tot Ion:167 Resp: 450750

Ion Ratio Lower Upper

167 100

166 21.5 17.4 26.0

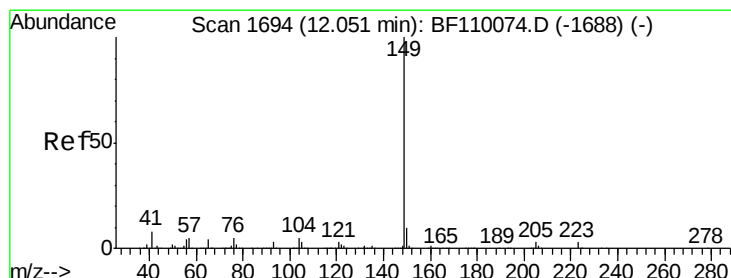
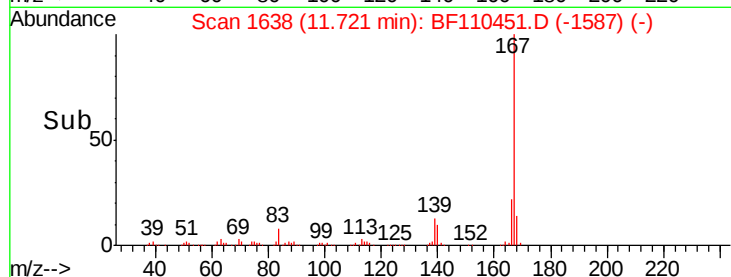
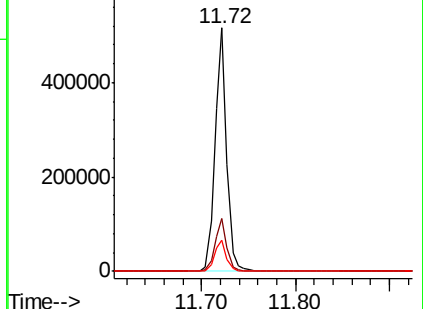
139 12.8 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 53.731 ng

RT: 12.03 min Scan# 1691

Delta R.T. 0.00 min

Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

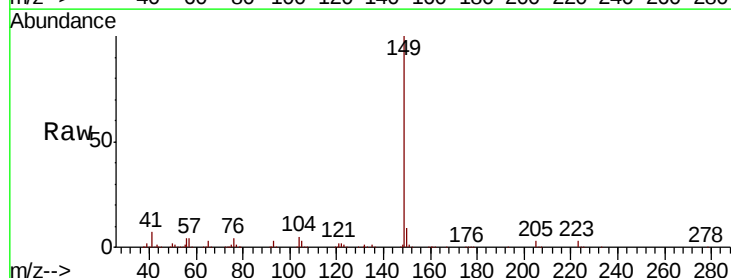
Tgt Ion:149 Resp: 592855

Ion Ratio Lower Upper

149 100

150 9.0 7.7 11.5

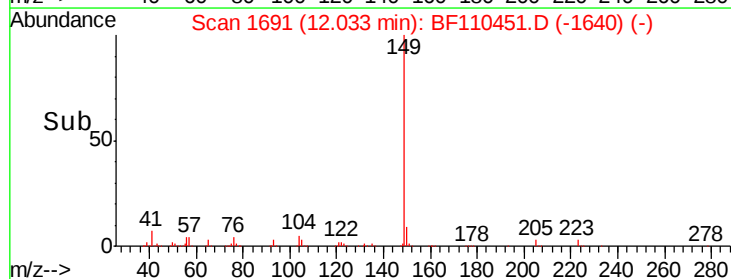
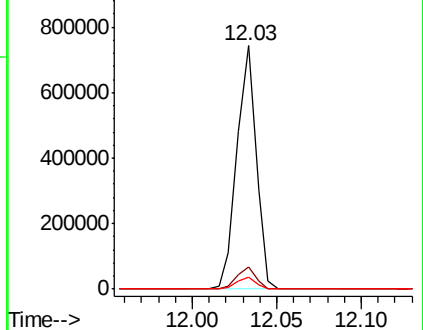
104 5.0 4.2 6.4

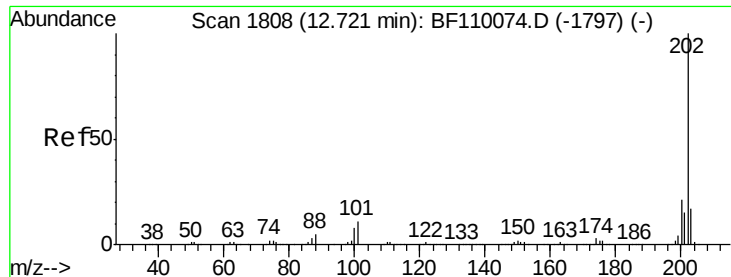


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

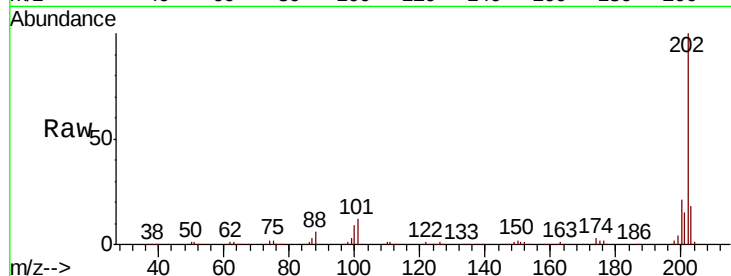




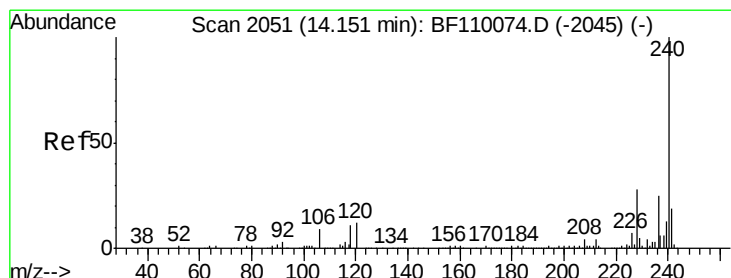
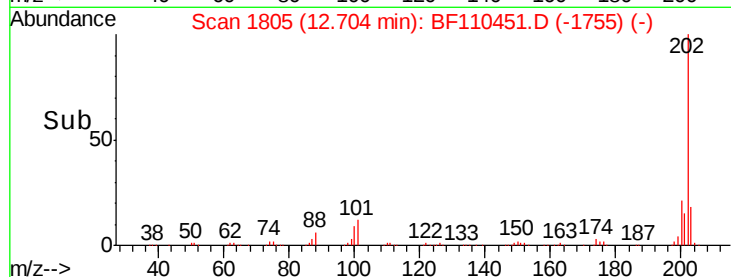
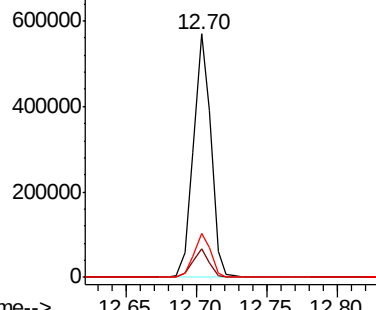
#75
Fluoranthene
Concen: 48.571 ng
RT: 12.70 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	31.4
203	17.8	0.0	37.7

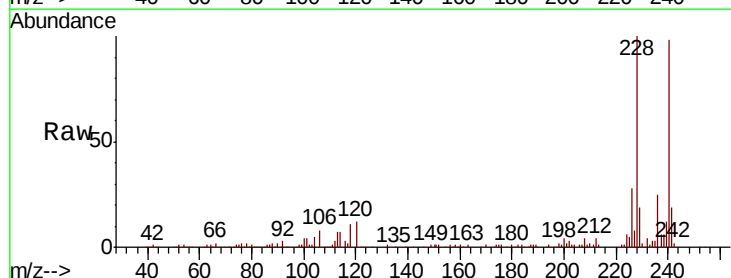


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

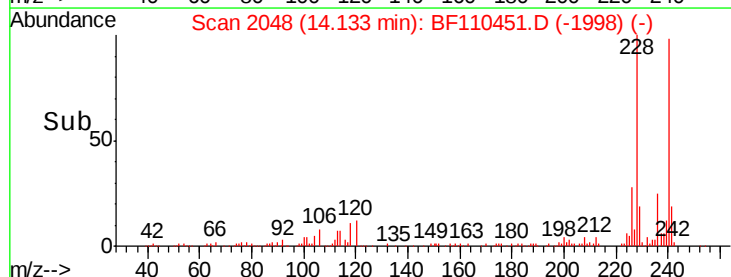
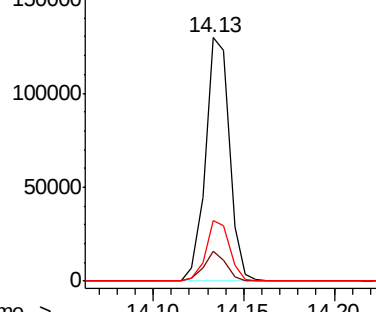


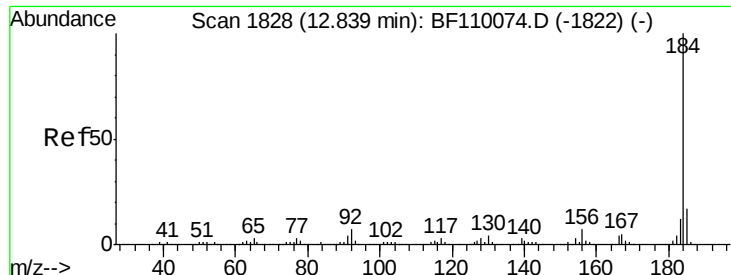
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.2	8.3	12.5
236	25.0	21.2	31.8



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

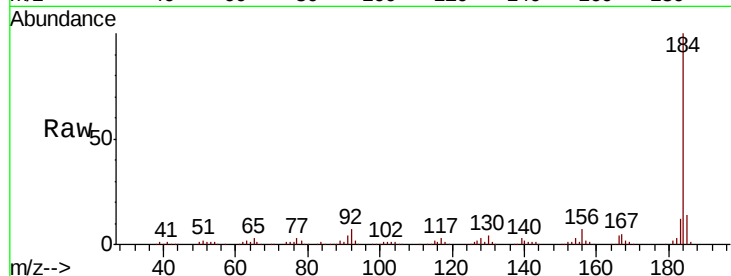




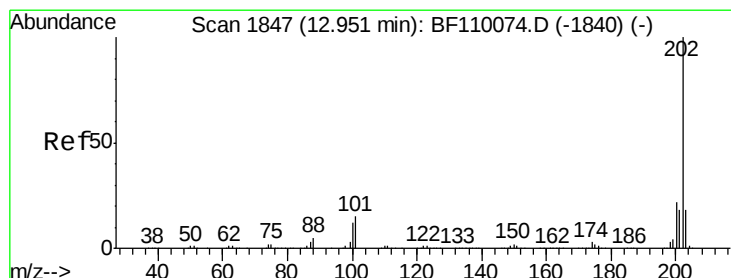
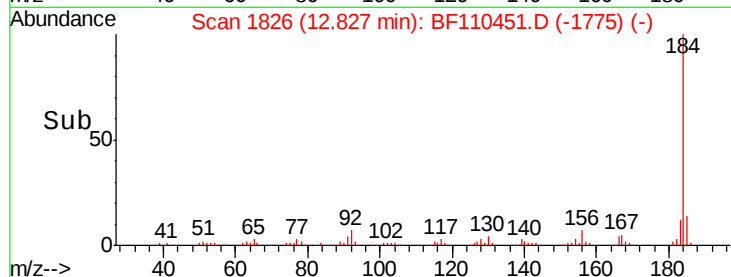
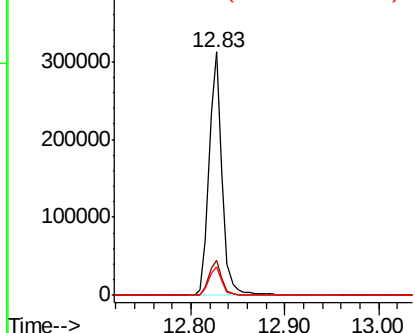
#77
Benzidine
Concen: Below Cal
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 306631
Ion Ratio Lower Upper
184 100
185 14.3 13.4 20.2
183 11.9 9.4 14.2

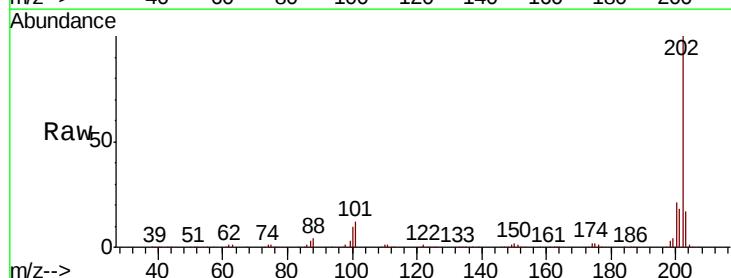


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

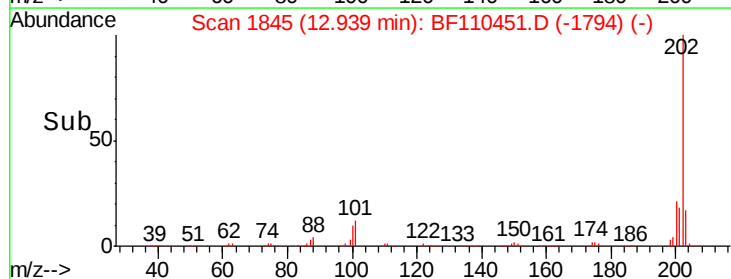
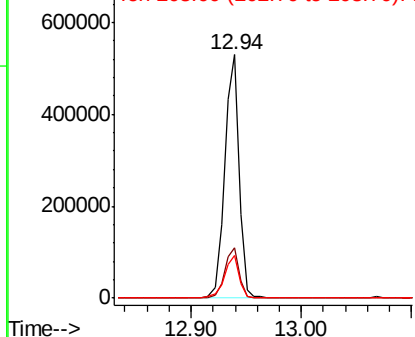


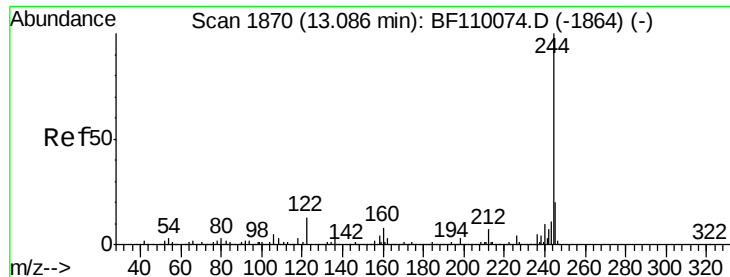
#78
Pyrene
Concen: 56.049 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Tgt Ion:202 Resp: 480525
Ion Ratio Lower Upper
202 100
200 20.7 17.8 26.6
203 17.4 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 115.317 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

Instrument :

BNA_F

ClientSampleId :

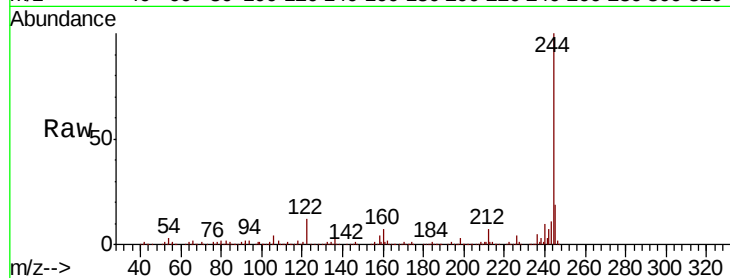
Tot Ion:244 Resp: 663087

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

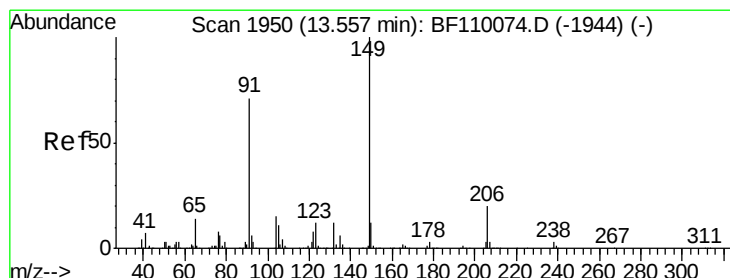
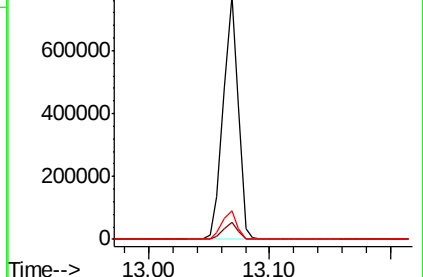
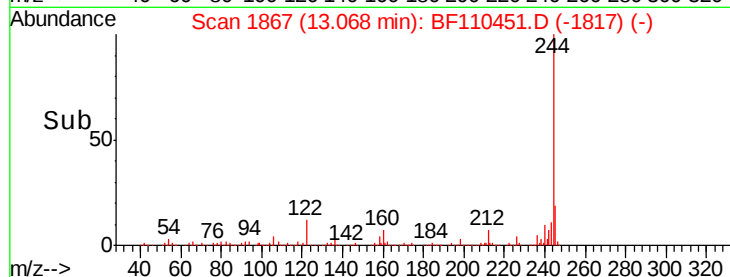
122 11.9 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 58.965 ng

RT: 13.53 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

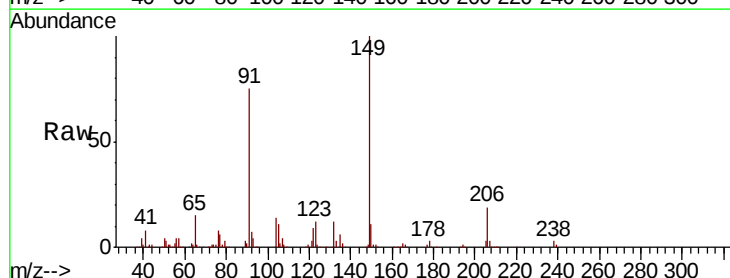
Tgt Ion:149 Resp: 219417

Ion Ratio Lower Upper

149 100

91 74.6 57.2 85.8

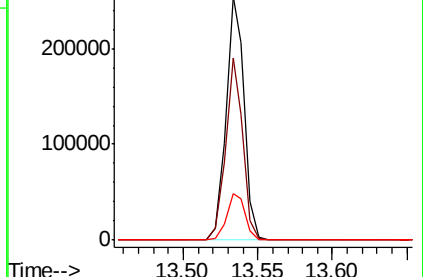
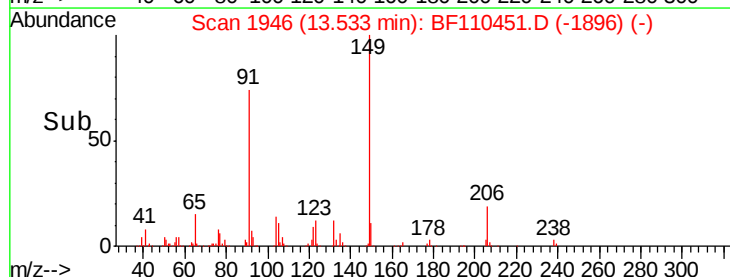
206 18.9 15.7 23.5

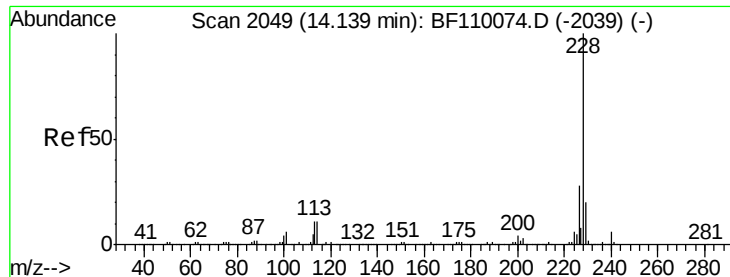


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 50.967 ng

RT: 14.13 min Scan# 2047

Delta R.T. 0.00 min

Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

Instrument :

BNA_F

ClientSampled :

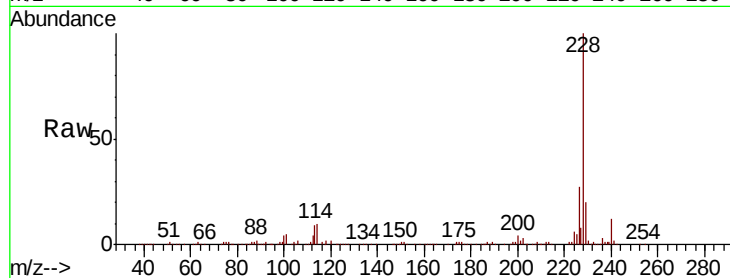
Tot Ion:228 Resp: 361441

Ion Ratio Lower Upper

228 100

226 27.1 22.1 33.1

229 19.9 15.6 23.4

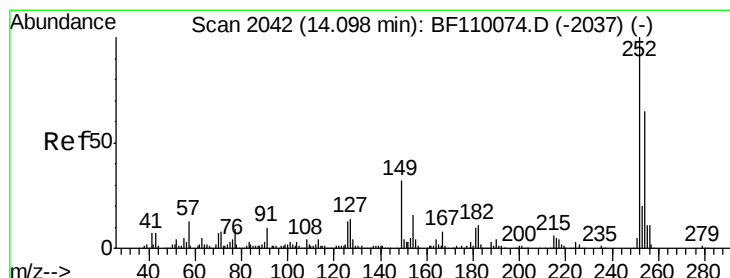
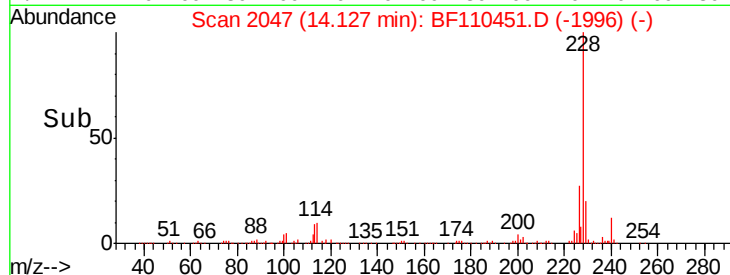
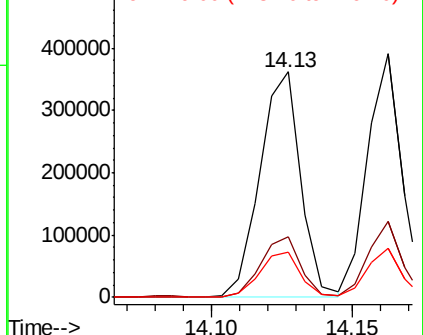


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 45.189 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

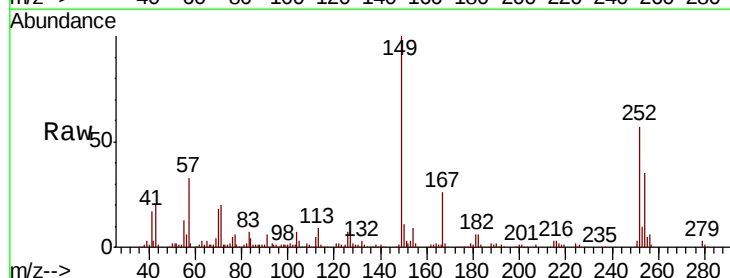
Tgt Ion:252 Resp: 111593

Ion Ratio Lower Upper

252 100

254 61.7 51.3 76.9

126 12.2 9.4 14.2

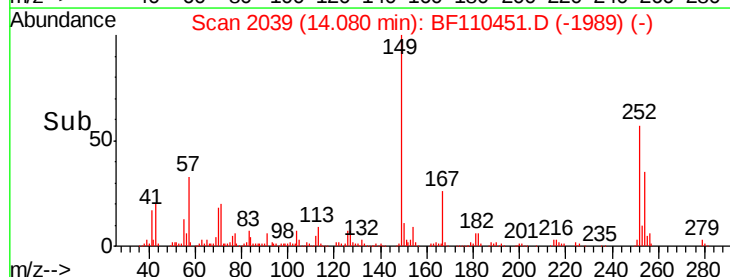
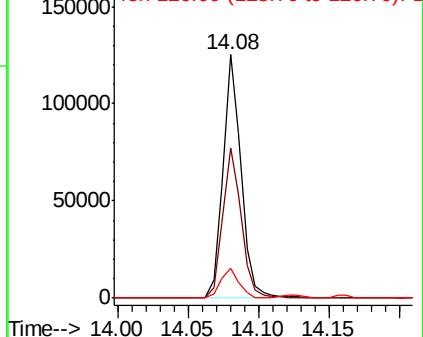


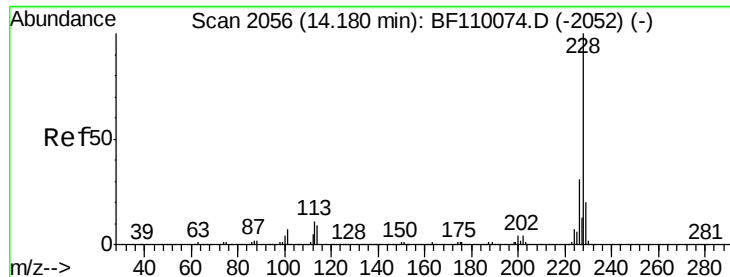
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 49.082 ng

RT: 14.16 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

Instrument :

BNA_F

ClientSampled :

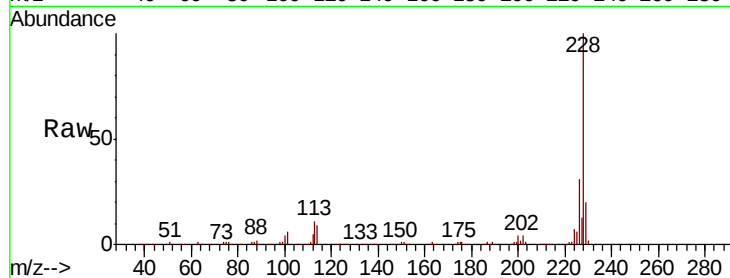
Tot Ion:228 Resp: 330601

Ion Ratio Lower Upper

228 100

226 31.0 24.7 37.1

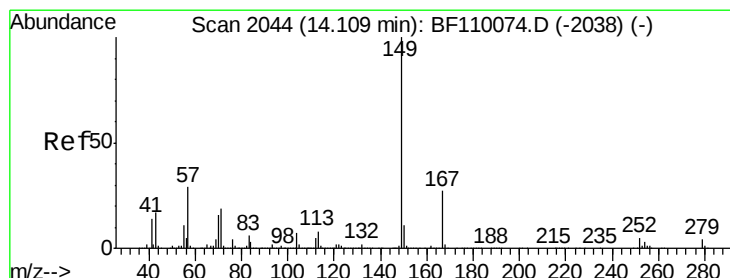
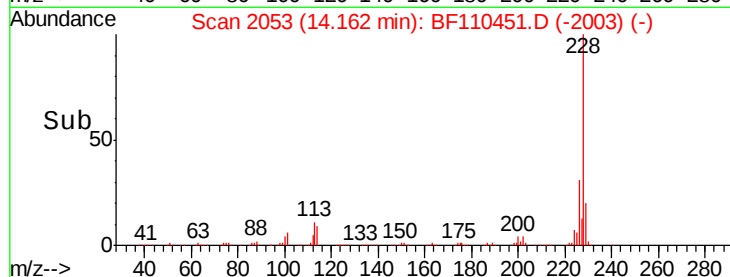
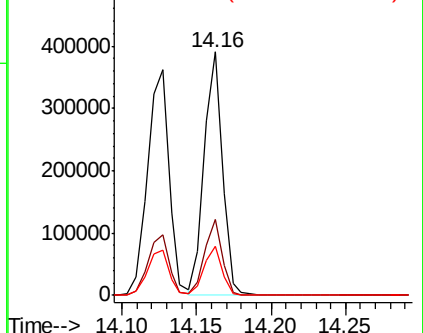
229 20.0 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.718 ng

RT: 14.09 min Scan# 2040

Delta R.T. 0.00 min

Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

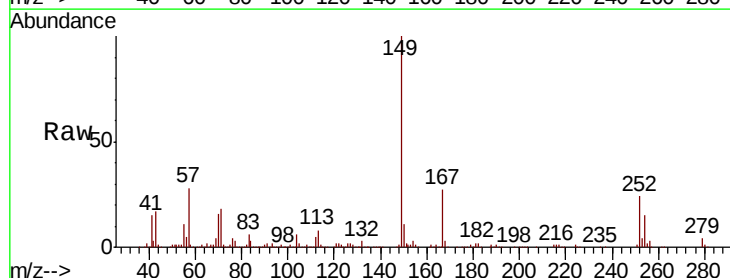
Tgt Ion:149 Resp: 295365

Ion Ratio Lower Upper

149 100

167 27.0 19.8 29.8

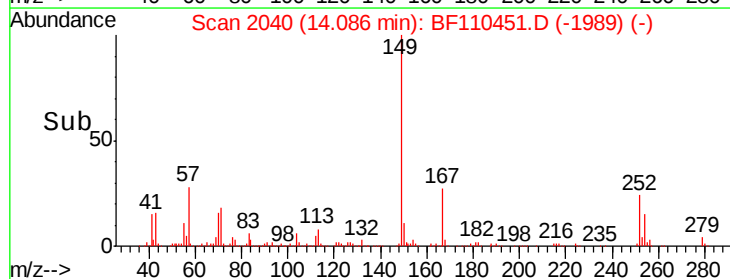
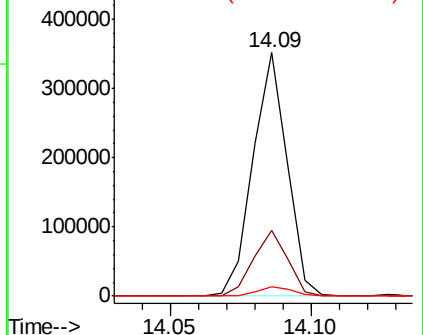
279 3.6 2.7 4.1

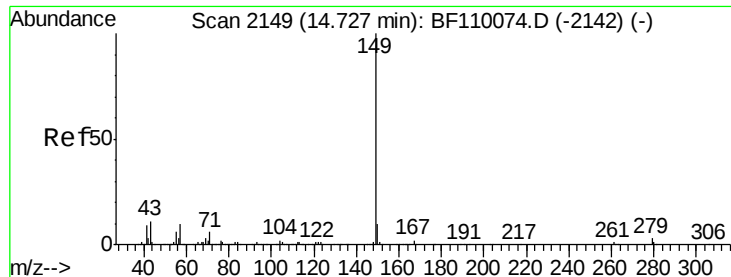


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

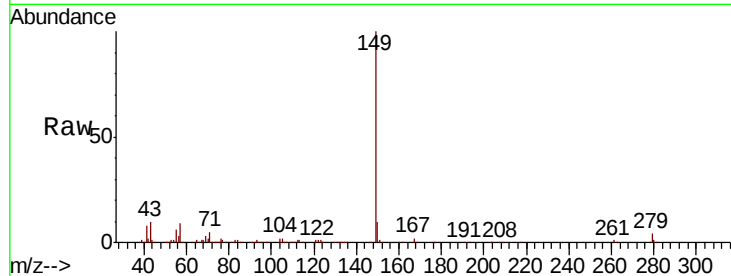




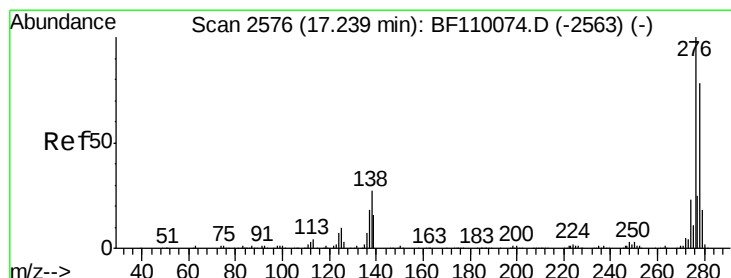
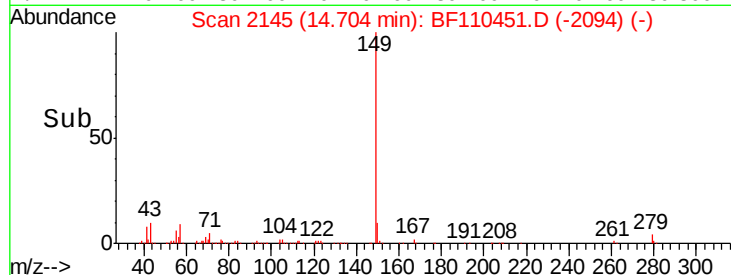
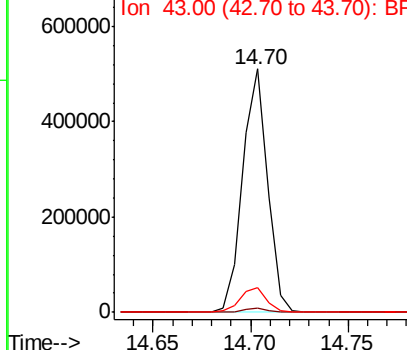
#85
Di-n-octyl phthalate
Concen: 57.927 ng
RT: 14.70 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 453085
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 10.4 7.8 11.8

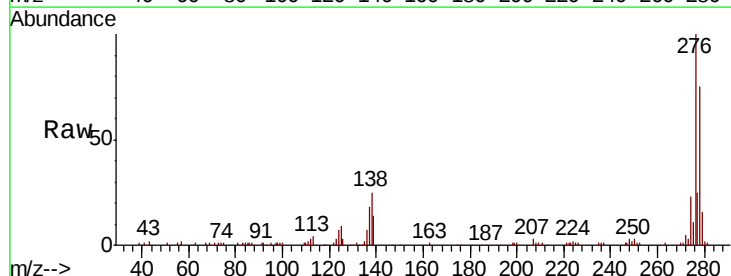


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

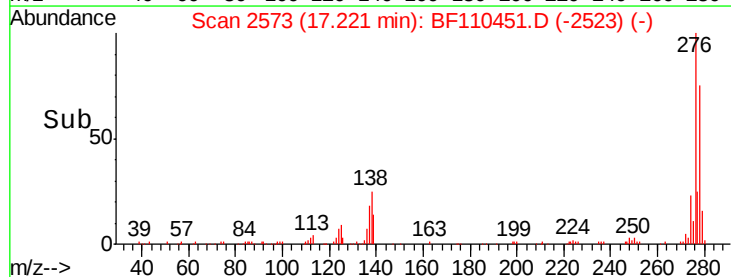
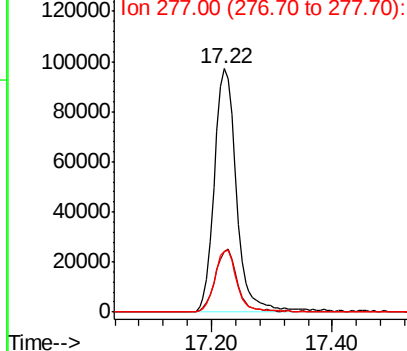


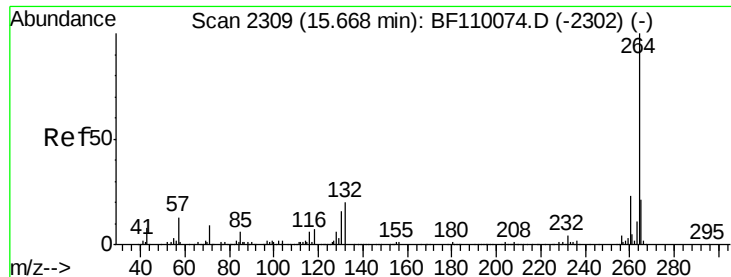
#86
Indeno(1,2,3-cd)pyrene
Concen: 44.587 ng
RT: 17.22 min Scan# 2573
Delta R.T. -0.01 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Tgt Ion:276 Resp: 249151
Ion Ratio Lower Upper
276 100
138 25.5 18.5 27.7
277 25.1 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

Instrument :

BNA_F

ClientSampleId :

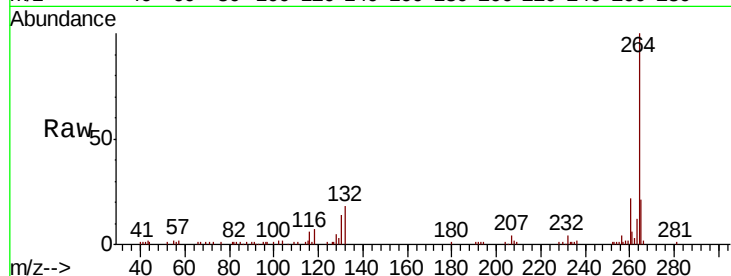
Tot Ion:264 Resp: 87614

Ion Ratio Lower Upper

264 100

260 21.8 18.7 28.1

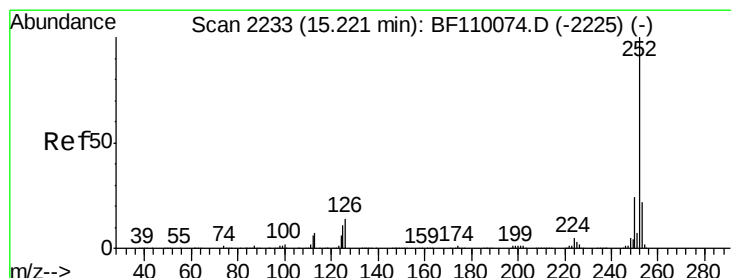
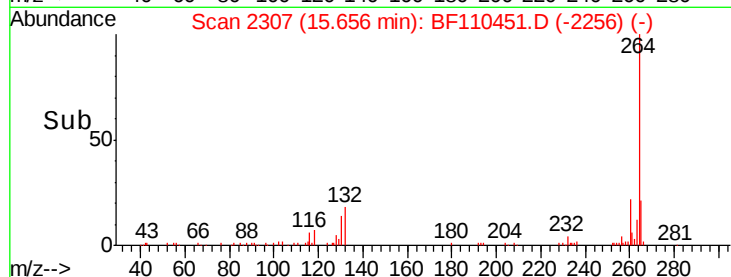
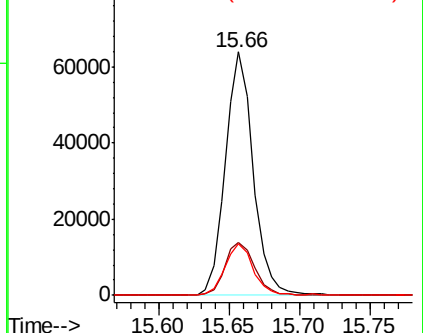
265 21.4 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 52.616 ng

RT: 15.20 min Scan# 2230

Delta R.T. 0.00 min

Lab File: BF110451.D

Acq: 3 Nov 2018 10:20

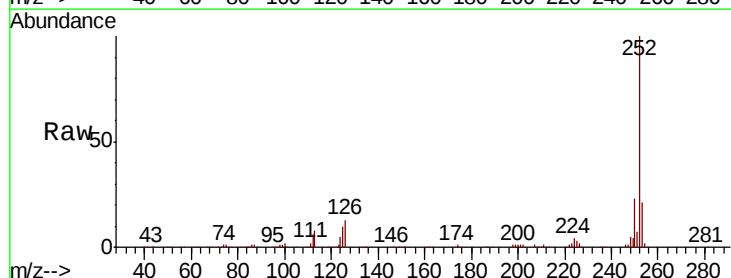
Tgt Ion:252 Resp: 266203

Ion Ratio Lower Upper

252 100

253 20.9 17.2 25.8

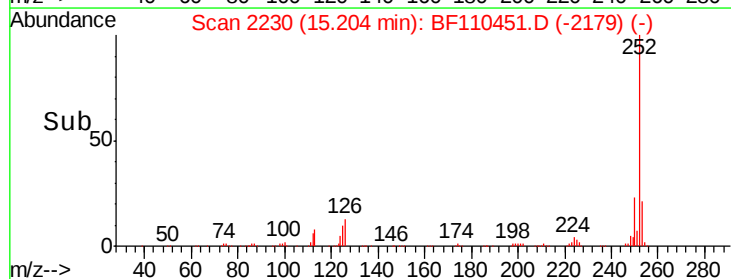
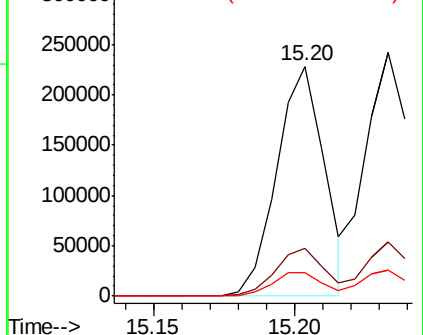
125 10.2 8.2 12.4

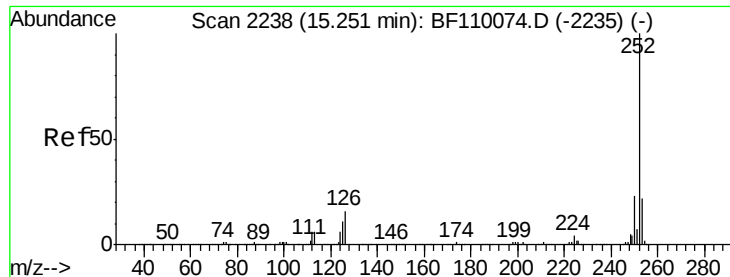


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

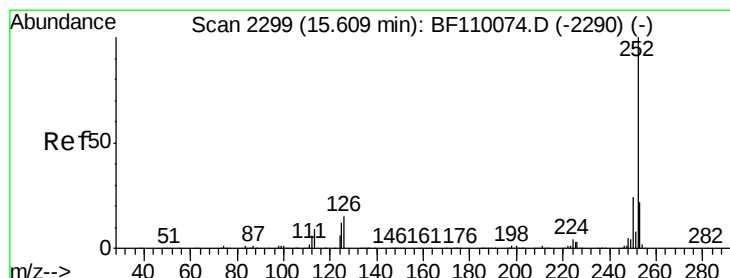
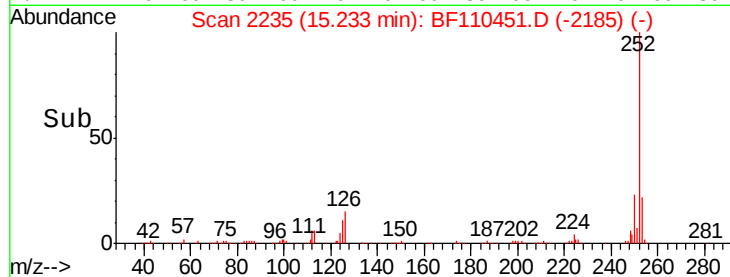
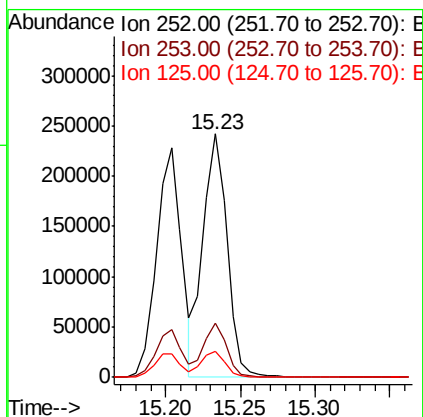
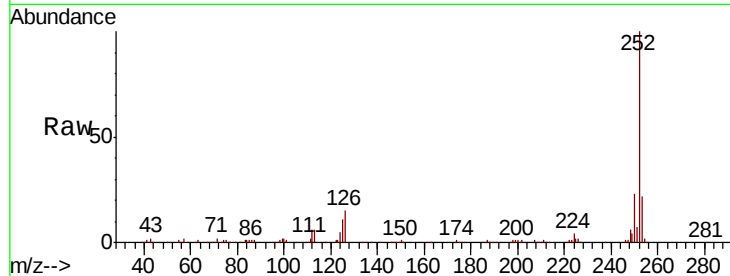




#89
Benzo(k)fluoranthene
Concen: 54.135 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

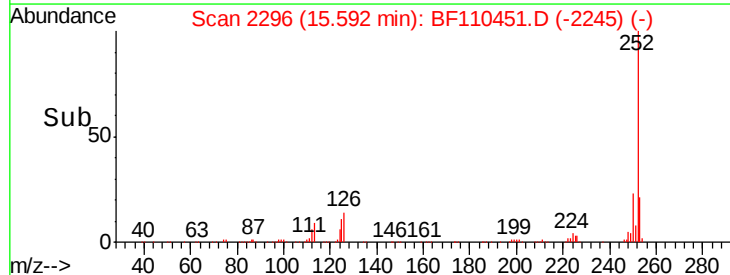
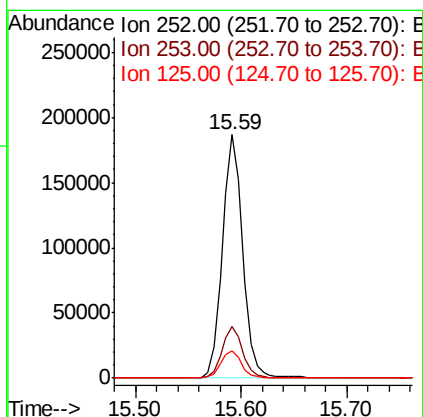
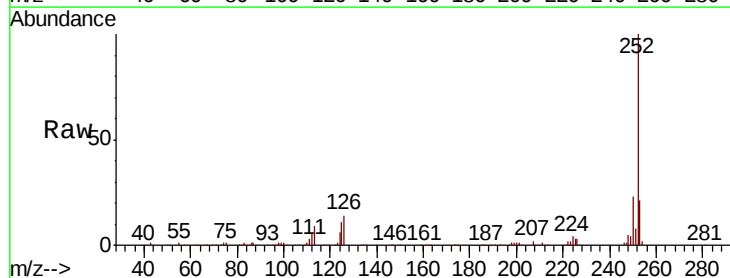
Instrument :
BNA_F
ClientSampleId :

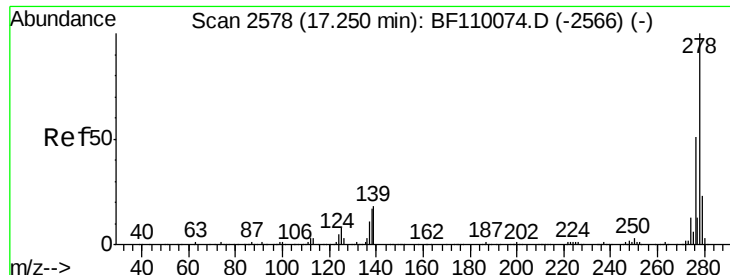
Tot Ion:252 Resp: 269260
Ion Ratio Lower Upper
252 100
253 22.5 17.2 25.8
125 10.8 7.4 11.0



#90
Benzo(a)pyrene
Concen: 53.722 ng
RT: 15.59 min Scan# 2296
Delta R.T. 0.00 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Tgt Ion:252 Resp: 250100
Ion Ratio Lower Upper
252 100
253 21.3 18.2 27.4
125 11.2 9.0 13.6



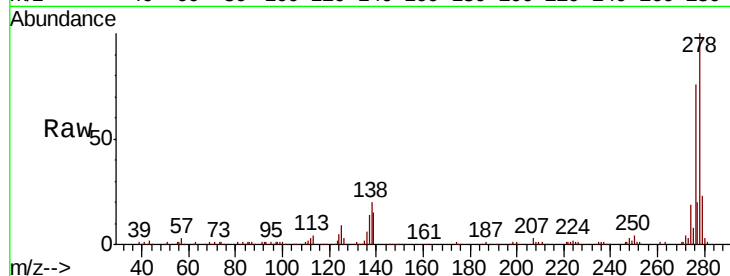


#91
Dibenzo(a,h)anthracene
Concen: 52.447 ng
RT: 17.23 min Scan# 2575
Delta R.T. -0.01 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

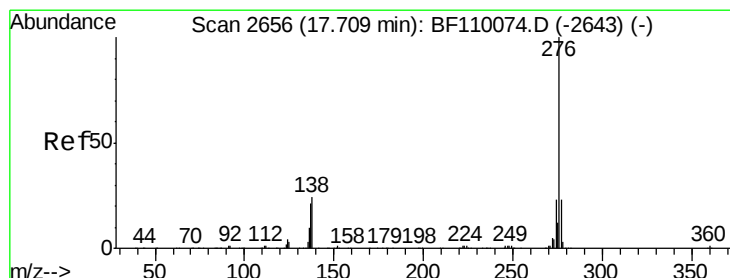
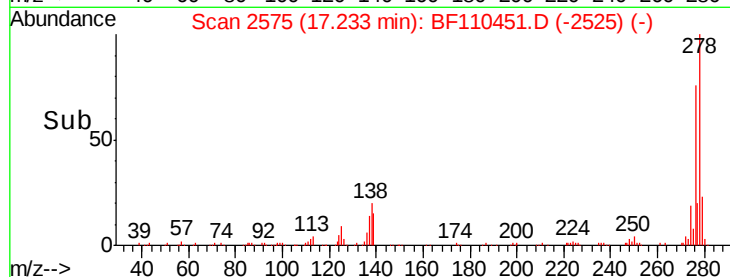
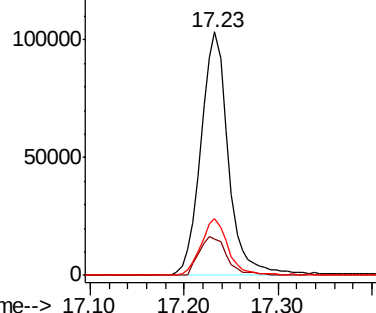
Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 210678

Ion	Ratio	Lower	Upper
278	100		
139	14.9	12.7	19.1
279	23.3	19.0	28.4



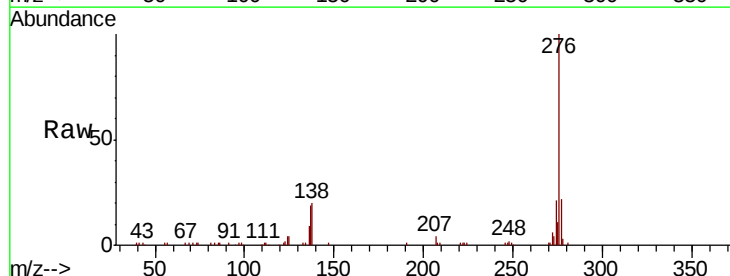
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 50.003 ng
RT: 17.70 min Scan# 2654
Delta R.T. -0.01 min
Lab File: BF110451.D
Acq: 3 Nov 2018 10:20

Tgt Ion:276 Resp: 197931

Ion	Ratio	Lower	Upper
276	100		
277	21.5	18.8	28.2
138	20.4	16.0	24.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

