

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
 Data File : BF110465.D
 Acq On : 5 Nov 2018 15:22
 Operator : JU/SJ
 Sample : J5815-05MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 05 16:56:10 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	89455	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	376133	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	183546	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	326587	20.00	ng	0.00
76) Chrysene-d12	14.14	240	176898	20.00	ng	0.00
87) Perylene-d12	15.66	264	160335	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	810479	147.54	ng	0.02
7) Phenol-d6	6.59	99	1066400	151.77	ng	0.01
23) Nitrobenzene-d5	7.52	82	684924	108.01	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	266313	146.48	ng	0.00
45) 2-Fluorobiphenyl	9.32	172	1241174	106.18	ng	0.00
79) Terphenyl-d14	13.07	244	1035563	121.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	77501	26.928	ng	90
3) Pyridine	3.66	79	222832	34.761	ng	# 86
4) n-Nitrosodimethylamine	3.60	42	118609	44.164	ng	91
6) Aniline	6.62	93	162235	17.725	ng	# 55
8) 2-Chlorophenol	6.75	128	269292	42.520	ng	99
9) Benzaldehyde	6.51	77	169987	42.381	ng	94
10) Phenol	6.60	94	398518	53.061	ng	# 64
11) bis(2-Chloroethyl)ether	6.69	93	244868	39.628	ng	95
12) 1,3-Dichlorobenzene	6.90	146	271032	38.887	ng	97
13) 1,4-Dichlorobenzene	6.97	146	274625	38.960	ng	99
14) 1,2-Dichlorobenzene	7.13	146	261386	39.945	ng	99
15) Benzyl Alcohol	7.10	79	237976	44.037	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.22	45	395910	40.073	ng	71
17) 2-Methylphenol	7.20	107	222940	44.170	ng	# 83
18) Hexachloroethane	7.46	117	101848	39.465	ng	95
19) n-Nitroso-di-n-propylamine	7.36	70	187138	41.515	ng	96
20) 3+4-Methylphenols	7.36	107	288411	44.206	ng	# 83
22) Acetophenone	7.36	105	377985	43.612	ng	# 94
24) Nitrobenzene	7.54	77	280762	42.883	ng	96
25) Isophorone	7.77	82	517919	47.912	ng	96
26) 2-Nitrophenol	7.86	139	144331	46.326	ng	92
27) 2,4-Dimethylphenol	7.89	122	251880	48.763	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	327670	44.621	ng	99
29) 2,4-Dichlorophenol	8.09	162	232994	44.647	ng	97
30) 1,2,4-Trichlorobenzene	8.18	180	241759	41.359	ng	95
31) Naphthalene	8.26	128	788011	45.456	ng	99
32) Benzoic acid	7.89	122	251880	63.092	ng	# 10
33) 4-Chloroaniline	8.31	127	69093	8.856	ng	98
34) Hexachlorobutadiene	8.37	225	133188	41.036	ng	97
35) Caprolactam	8.69	113	31210	17.159	ng	96
36) 4-Chloro-3-methylphenol	8.79	107	256113	45.385	ng	96
37) 2-Methylnaphthalene	8.95	142	554235	48.321	ng	98
38) 1-Methylnaphthalene	9.05	142	514650	46.432	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	234064	40.928	ng	98

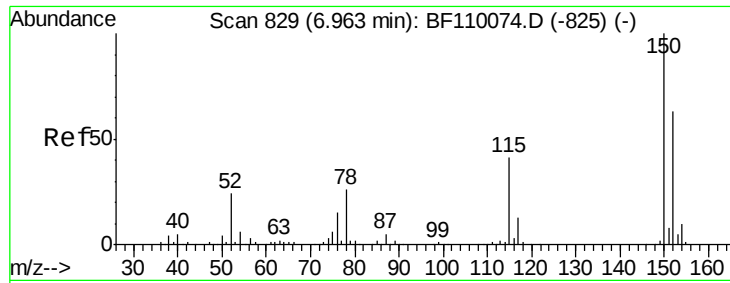
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
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 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	191785	65.584	ng	98
43) 2,4,6-Trichlorophenol	9.23	196	158084	42.857	ng	95
44) 2,4,5-Trichlorophenol	9.27	196	170302	43.678	ng	95
46) 1,1'-Biphenyl	9.42	154	671758	40.472	ng	99
47) 2-Chloronaphthalene	9.45	162	501392	41.182	ng	97
48) 2-Nitroaniline	9.55	65	162651	44.085	ng	93
49) Acenaphthylene	9.86	152	789496	44.896	ng	98
50) Dimethylphthalate	9.72	163	789343	58.259	ng	100
51) 2,6-Dinitrotoluene	9.79	165	130151	44.595	ng	92
52) Acenaphthene	10.03	154	475220	40.850	ng	98
53) 3-Nitroaniline	9.96	138	75491	21.751	ng	92
54) 2,4-Dinitrophenol	10.07	184	12533	15.295	ng	91
55) Dibenzofuran	10.20	168	685930	42.113	ng	99
56) 4-Nitrophenol	10.13	139	257889	100.398	ng	93
57) 2,4-Dinitrotoluene	10.19	165	172093	46.424	ng	94
58) Fluorene	10.55	166	552158	45.550	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.28	232	121893	38.355	ng	98
60) Diethylphthalate	10.41	149	578156	43.714	ng	99
61) 4-Chlorophenyl-phenylether	10.53	204	264493	41.361	ng	97
62) 4-Nitroaniline	10.57	138	134637	39.004	ng	96
63) Azobenzene	10.70	77	555797	42.336	ng	97
65) 4,6-Dinitro-2-methylphenol	10.60	198	45207	30.298	ng	90
66) n-Nitrosodiphenylamine	10.66	169	482368	45.030	ng	97
67) 4-Bromophenyl-phenylether	11.03	248	154499	43.613	ng	94
68) Hexachlorobenzene	11.10	284	158564	42.186	ng	# 90
69) Atrazine	11.18	200	155347	45.890	ng	98
70) Pentachlorophenol	11.30	266	119362	54.460	ng	96
71) Phenanthrene	11.52	178	775274	45.368	ng	100
72) Anthracene	11.57	178	802502	46.852	ng	99
73) Carbazole	11.72	167	682757	40.825	ng	100
74) Di-n-butylphthalate	12.03	149	837252	44.327	ng	100
75) Fluoranthene	12.71	202	717713	41.384	ng	98
77) Benzidine	12.83	184	208339	39.837	ng	96
78) Pyrene	12.94	202	695151	54.814	ng	98
80) Butylbenzylphthalate	13.53	149	287700	52.266	ng	98
81) Benzo(a)anthracene	14.13	228	486931	46.417	ng	99
82) 3,3'-Dichlorobenzidine	14.08	252	84031	23.004	ng	# 97
83) Chrysene	14.16	228	452001	45.364	ng	99
84) Bis(2-ethylhexyl)phthalate	14.09	149	369531	49.661	ng	96
85) Di-n-octyl phthalate	14.70	149	544519	47.062	ng	99
86) Indeno(1,2,3-cd)pyrene	17.23	276	488199	59.061	ng	98
88) Benzo(b)fluoranthene	15.21	252	426343	46.048	ng	99
89) Benzo(k)fluoranthene	15.24	252	398344	43.763	ng	99
90) Benzo(a)pyrene	15.60	252	404672	47.499	ng	99
91) Dibenzo(a,h)anthracene	17.24	278	405795	55.202	ng	100
92) Benzo(g,h,i)perylene	17.72	276	407800	56.296	ng	100

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

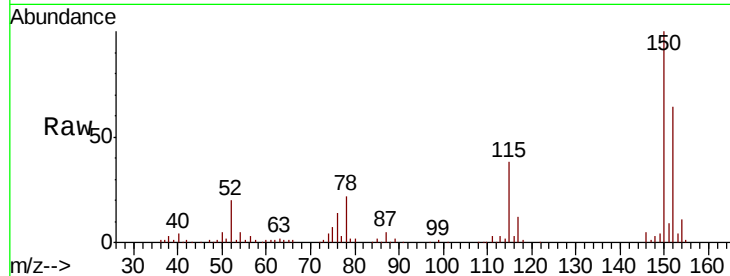


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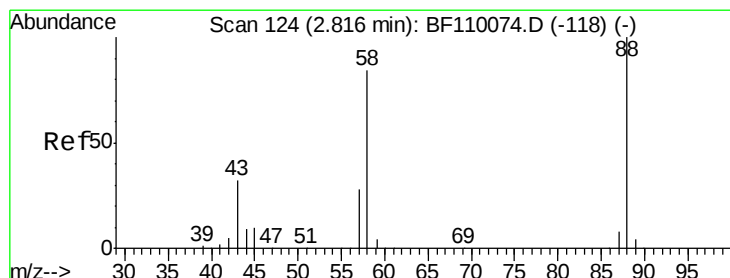
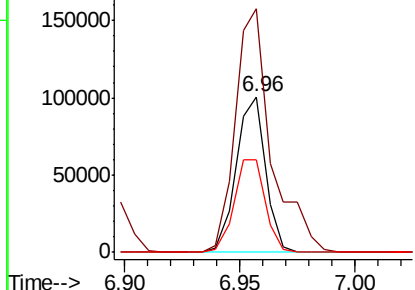
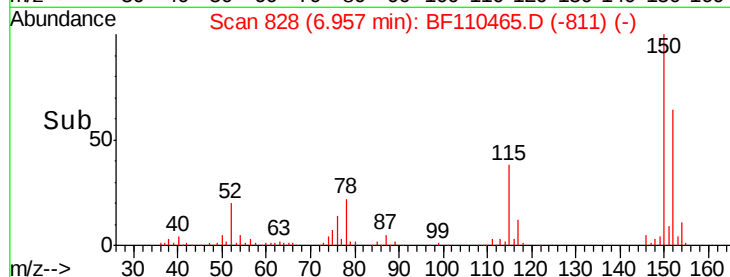
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 89455
Ion Ratio Lower Upper
152 100
150 156.4 122.7 184.1
115 59.9 49.1 73.7



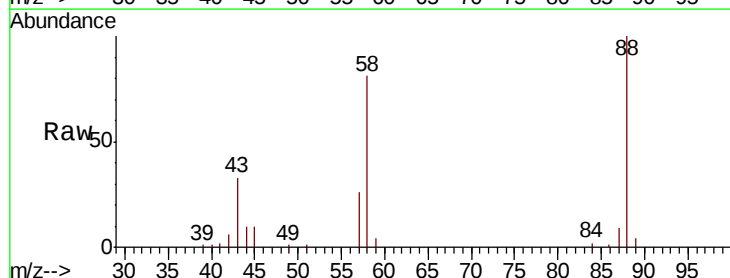
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



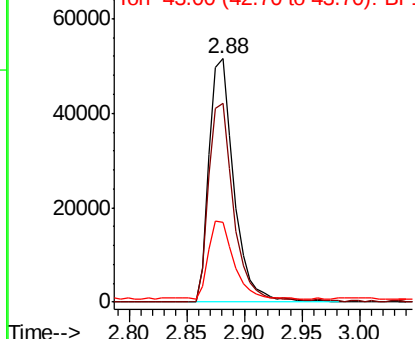
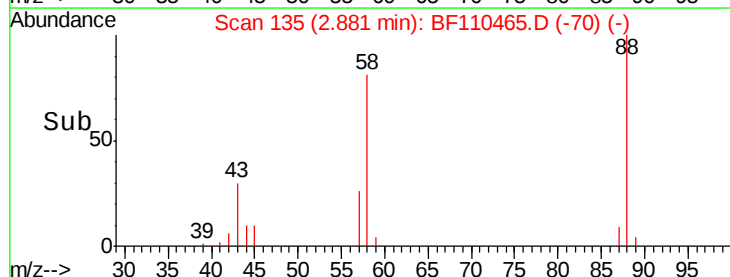
#2

1,4-Dioxane
Concen: 26.928 ng
RT: 2.88 min Scan# 135
Delta R.T. 0.08 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Tgt Ion: 88 Resp: 77501
Ion Ratio Lower Upper
88 100
58 82.0 57.1 85.7
43 32.2 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: 34.761 ng

RT: 3.66 min Scan# 267

Delta R.T. 0.08 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

Instrument :

BNA_F

ClientSampleId :

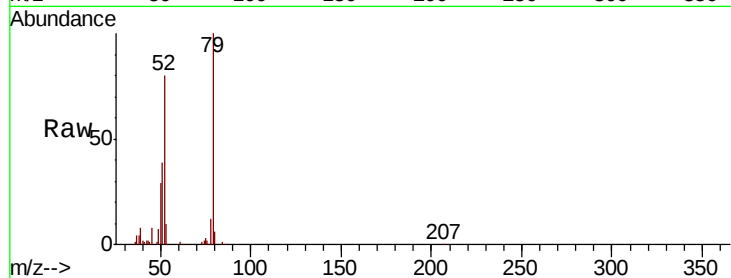
Tot Ion: 79 Resp: 222832

Ion Ratio Lower Upper

79 100

52 79.8 53.1 79.7#

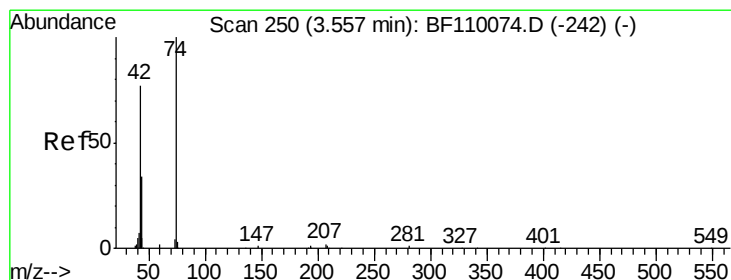
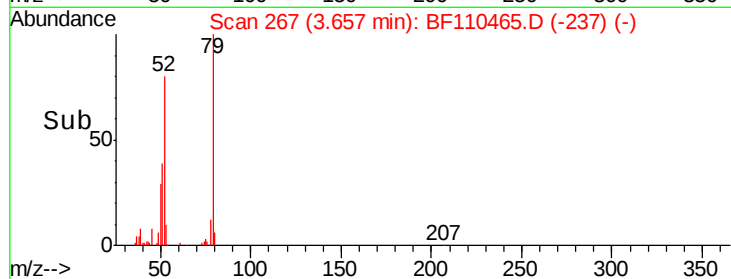
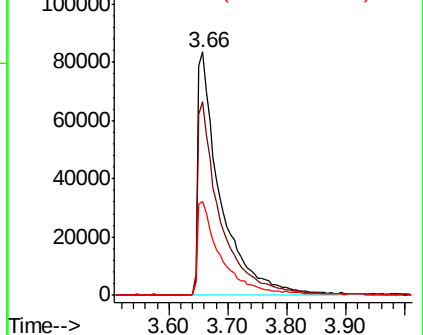
51 38.5 27.4 41.2



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: 44.164 ng

RT: 3.60 min Scan# 258

Delta R.T. 0.06 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

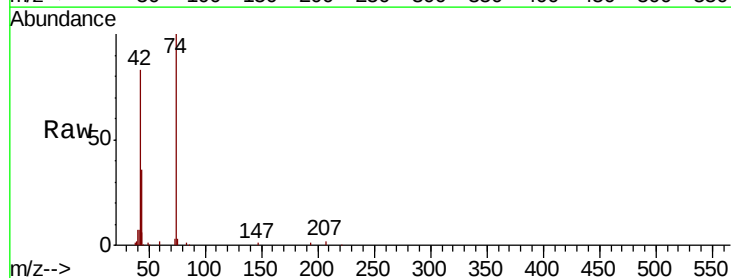
Tgt Ion: 42 Resp: 118609

Ion Ratio Lower Upper

42 100

74 120.7 105.5 158.3

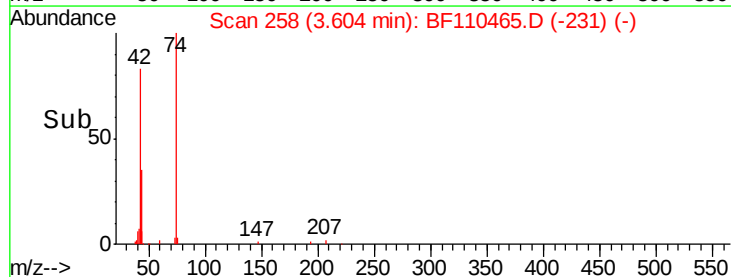
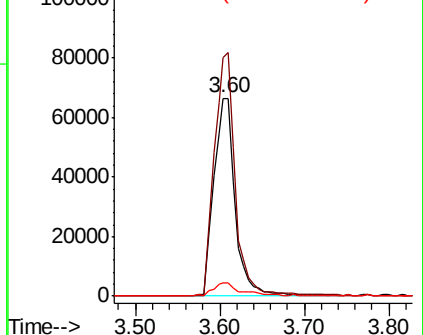
44 6.7 4.9 7.3



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: 147.541 ng

RT: 5.59 min Scan# 596

Delta R.T. 0.02 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

Instrument :

BNA_F

ClientSampled :

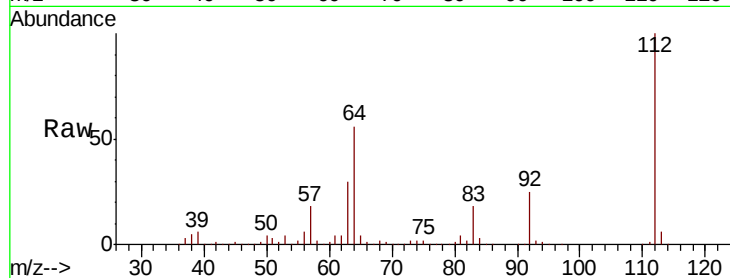
Tot Ion: 112 Resp: 810479

Ion Ratio Lower Upper

112 100

64 56.1 44.1 66.1

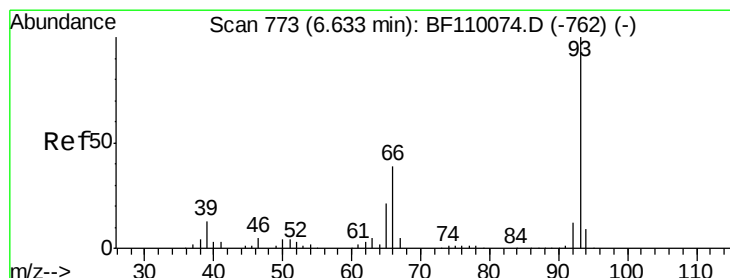
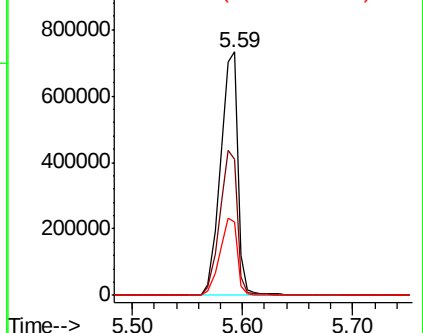
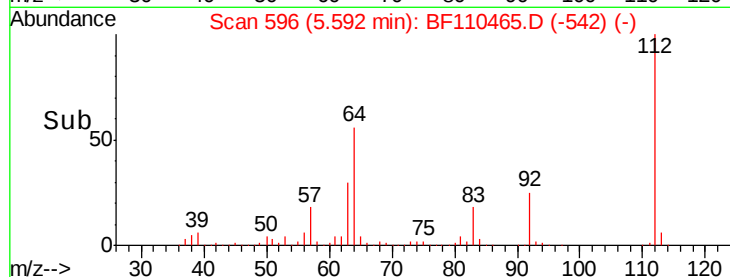
63 30.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 17.725 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

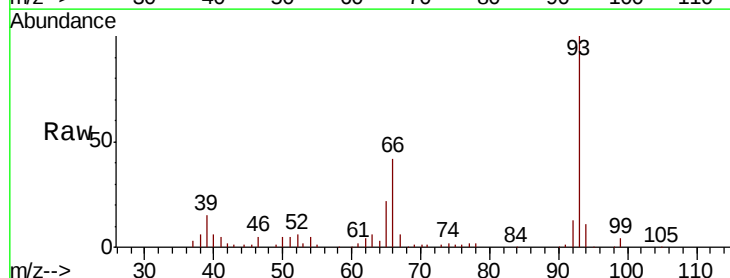
Tgt Ion: 93 Resp: 162235

Ion Ratio Lower Upper

93 100

66 42.2 67.4 101.0#

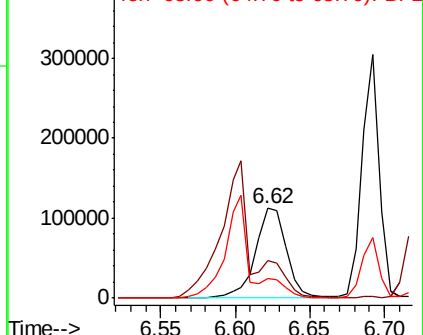
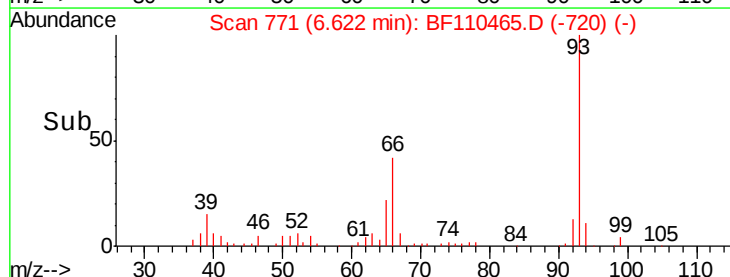
65 21.6 41.0 61.4#

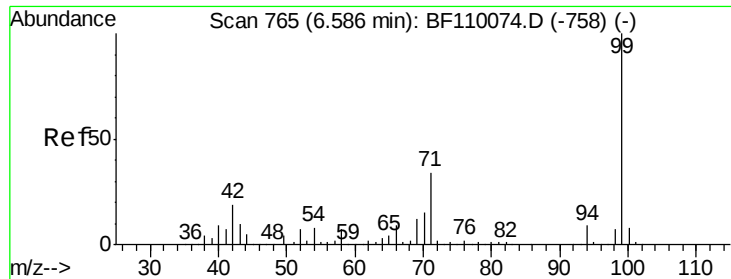


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 151.773 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

Instrument :

BNA_F

ClientSampled :

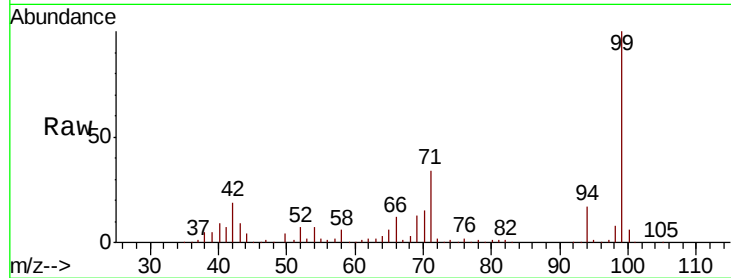
Tot Ion: 99 Resp: 1066400

Ion Ratio Lower Upper

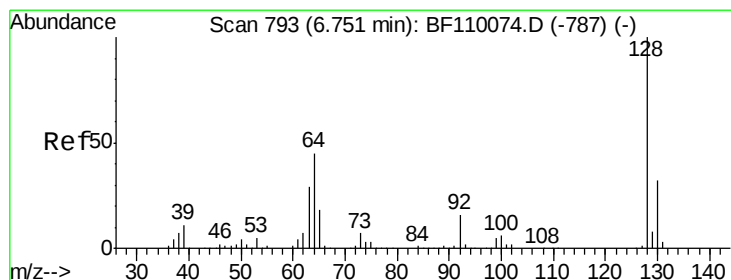
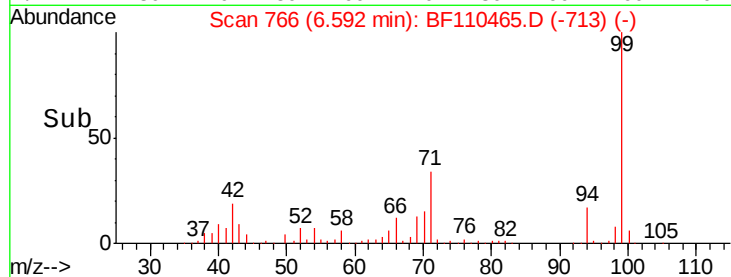
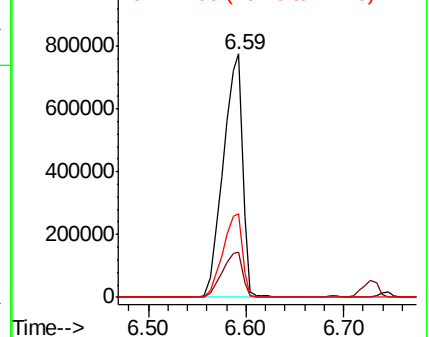
99 100

42 18.8 15.8 23.6

71 34.5 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: 42.520 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

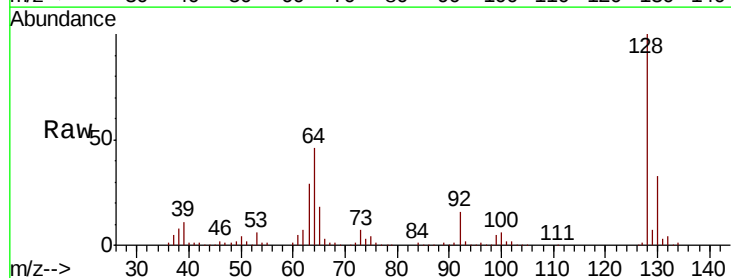
Tgt Ion:128 Resp: 269292

Ion Ratio Lower Upper

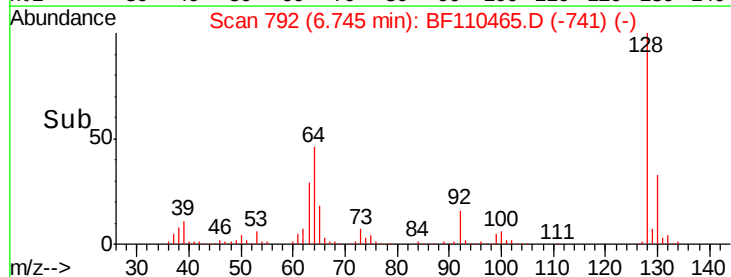
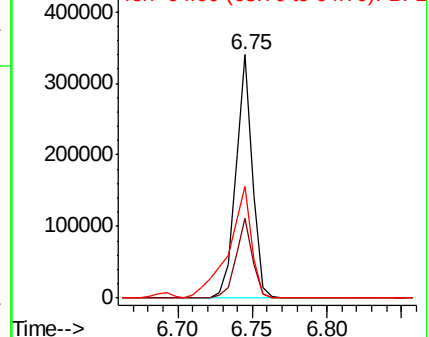
128 100

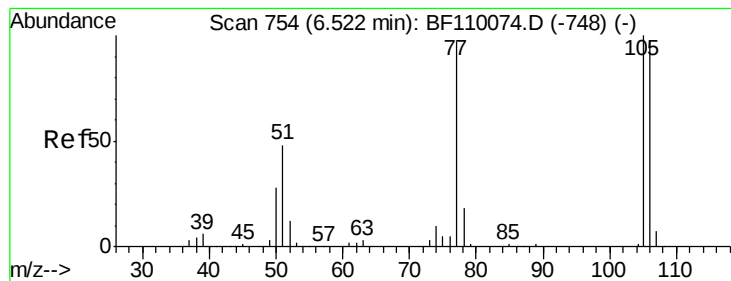
130 32.6 13.1 53.1

64 45.8 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: 42.381 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

Instrument :

BNA_F

ClientSampled :

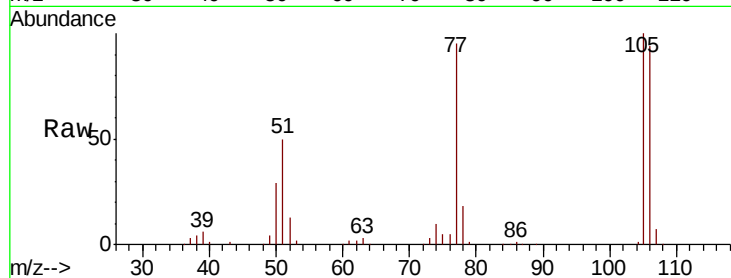
Tot Ion: 77 Resp: 169987

Ion Ratio Lower Upper

77 100

105 105.7 78.6 118.6

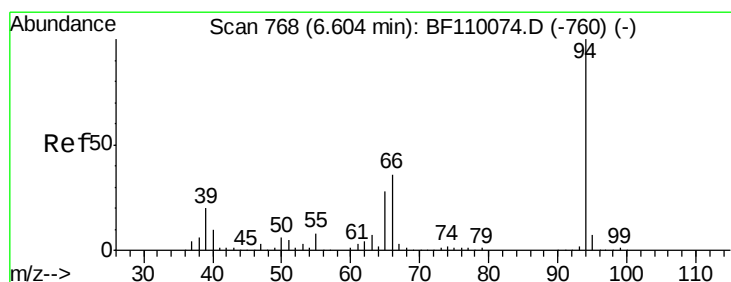
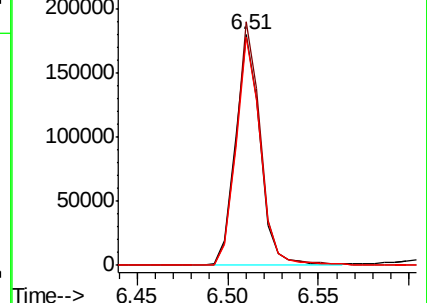
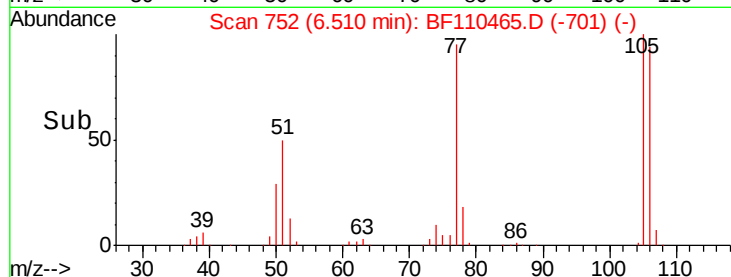
106 98.9 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 53.061 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

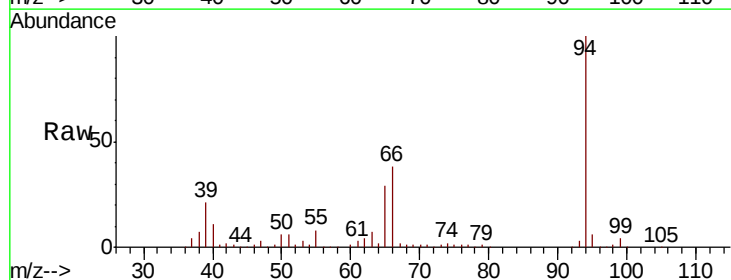
Tgt Ion: 94 Resp: 398518

Ion Ratio Lower Upper

94 100

65 28.6 25.3 65.3

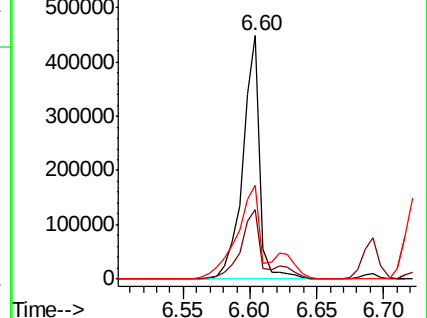
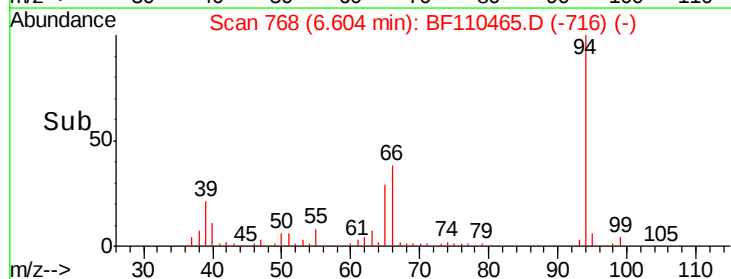
66 38.4 54.5 94.5#



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: 39.628 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

Instrument :

BNA_F

ClientSampleId :

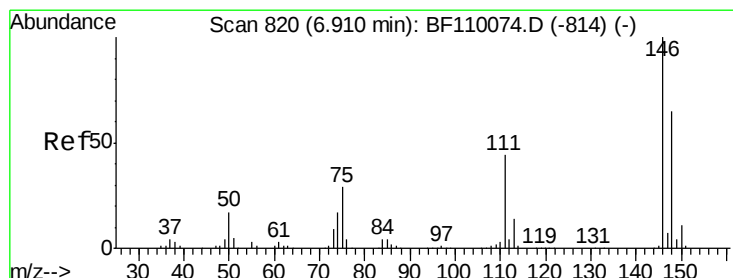
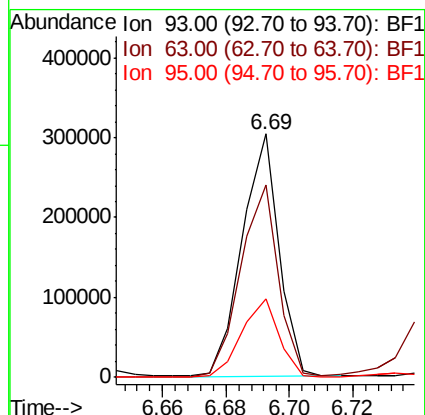
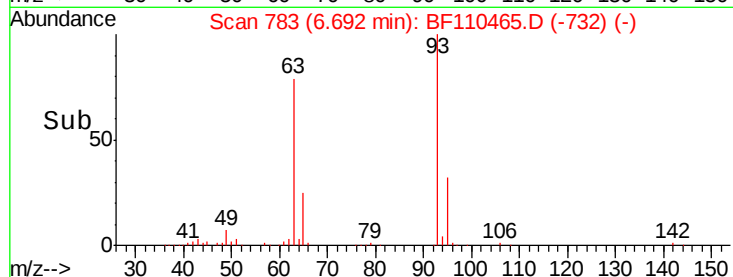
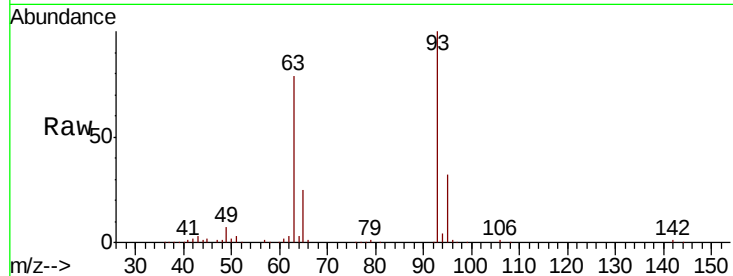
Tot Ion: 93 Resp: 244868

Ion Ratio Lower Upper

93 100

63 79.0 53.4 93.4

95 32.4 12.1 52.1



#12

1,3-Dichlorobenzene

Concen: 38.887 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

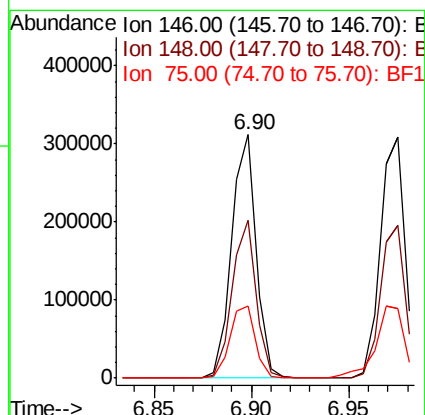
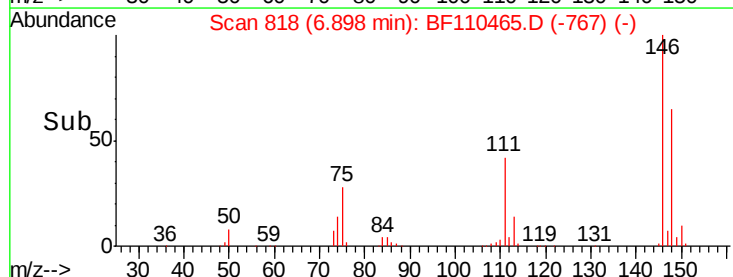
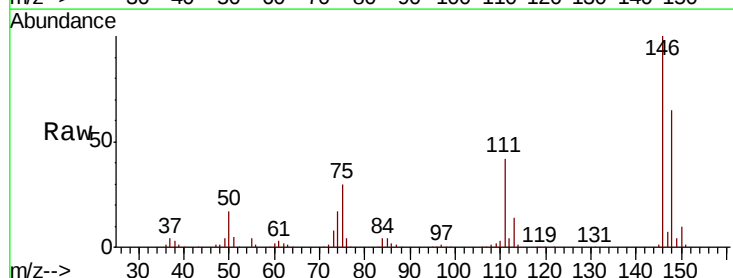
Tgt Ion: 146 Resp: 271032

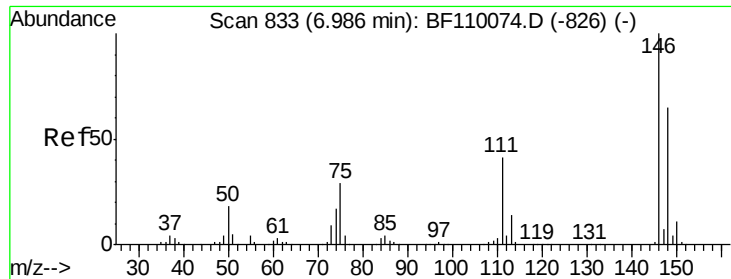
Ion Ratio Lower Upper

146 100

148 64.8 50.4 75.6

75 29.7 25.8 38.6

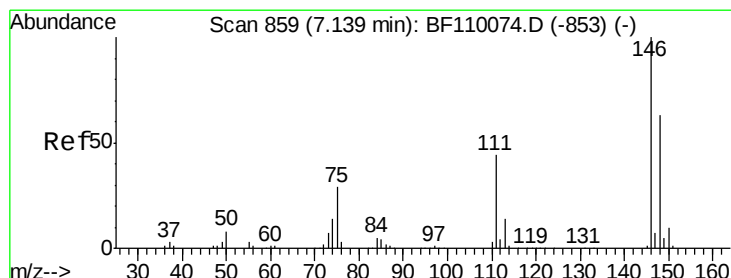
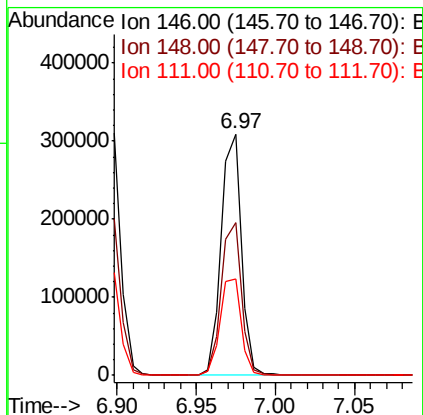
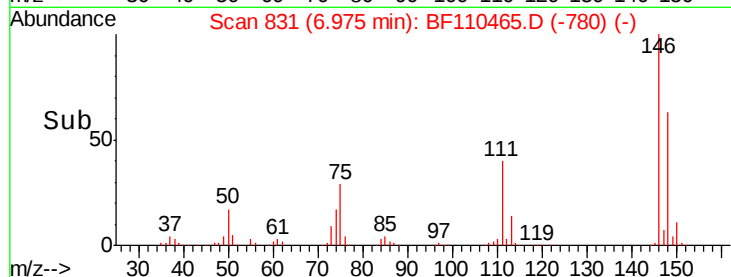
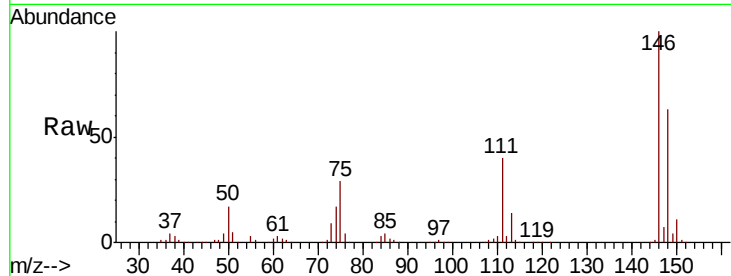




#13
 1,4-Dichlorobenzene
 Concen: 38.960 ng
 RT: 6.97 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF110465.D
 Acq: 5 Nov 2018 15:22

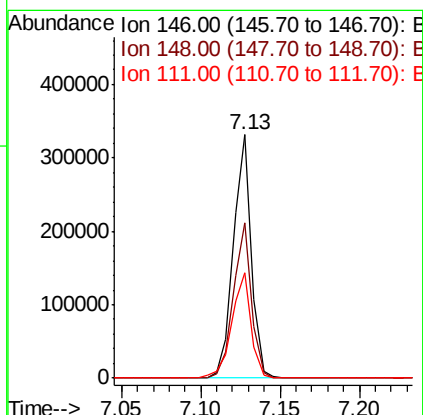
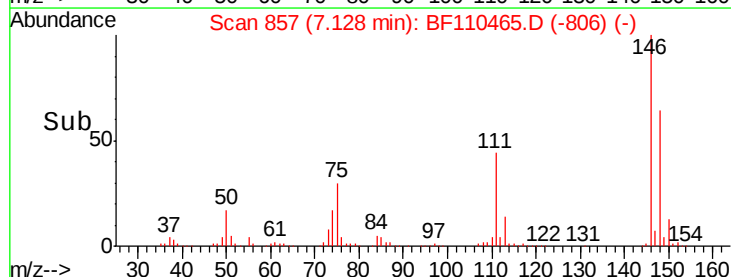
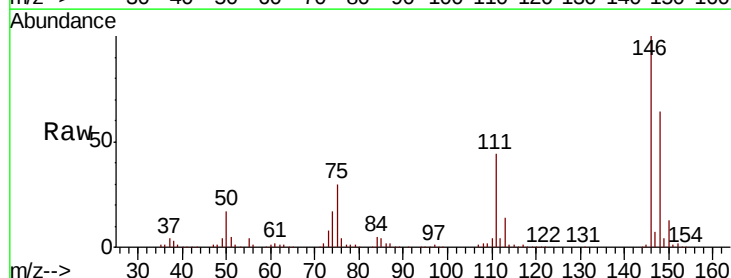
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 274625
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.3 75.5
 111 40.0 32.7 49.1



#14
 1,2-Dichlorobenzene
 Concen: 39.945 ng
 RT: 7.13 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF110465.D
 Acq: 5 Nov 2018 15:22

Tgt Ion:146 Resp: 261386
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.1 76.7
 111 43.5 35.8 53.6





#15

Benzyl Alcohol

Concen: 44.037 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

Instrument :

BNA_F

ClientSampleId :

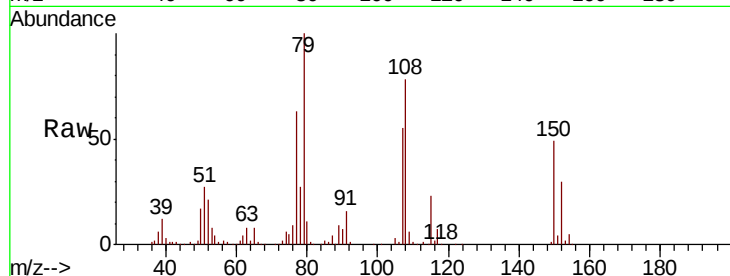
Tot Ion: 79 Resp: 237976

Ion Ratio Lower Upper

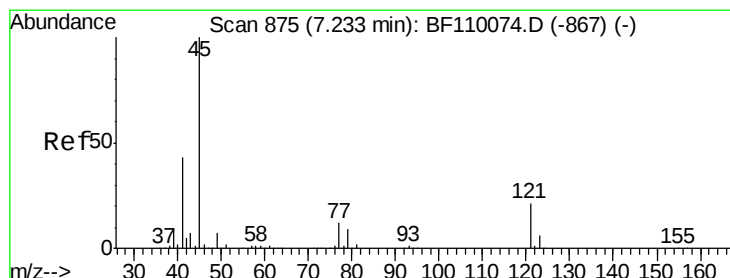
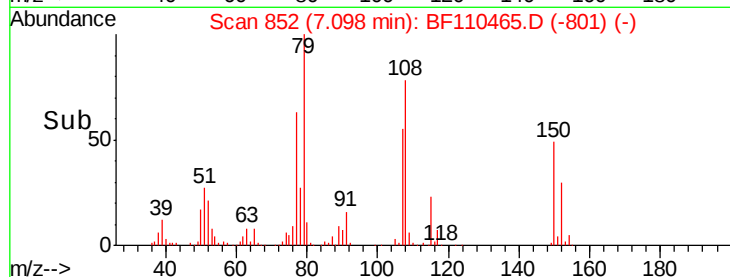
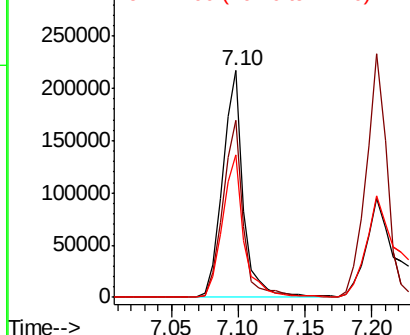
79 100

108 78.1 56.3 84.5

77 63.1 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: 40.073 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

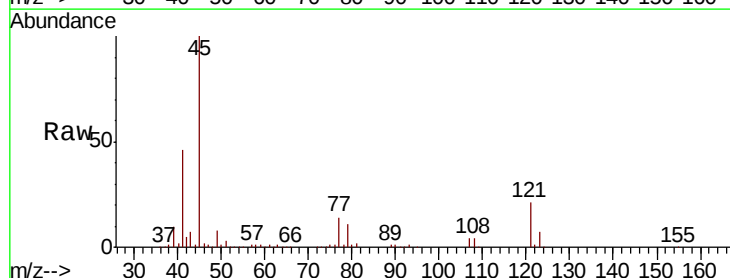
Tgt Ion: 45 Resp: 395910

Ion Ratio Lower Upper

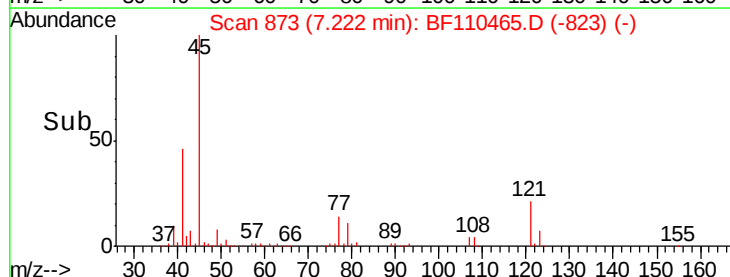
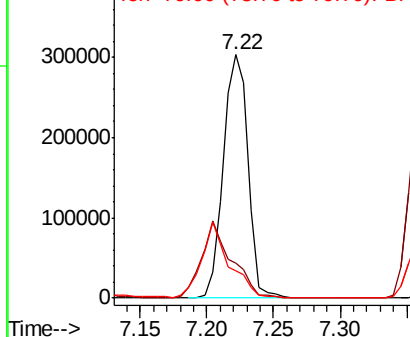
45 100

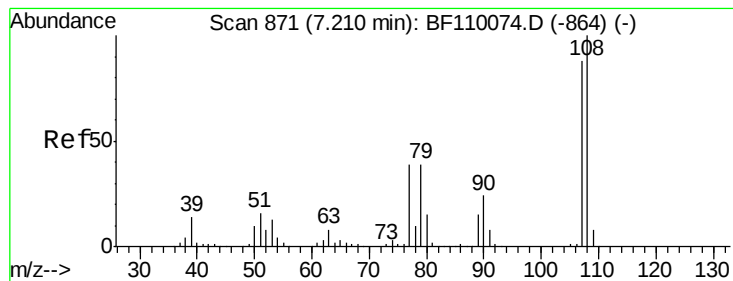
77 14.4 10.0 50.0

79 11.2 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

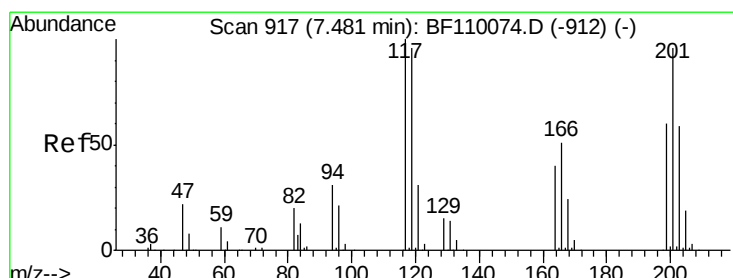
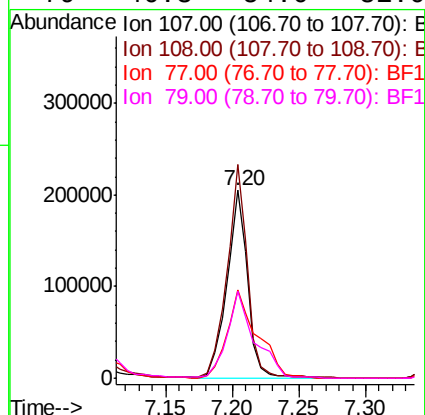
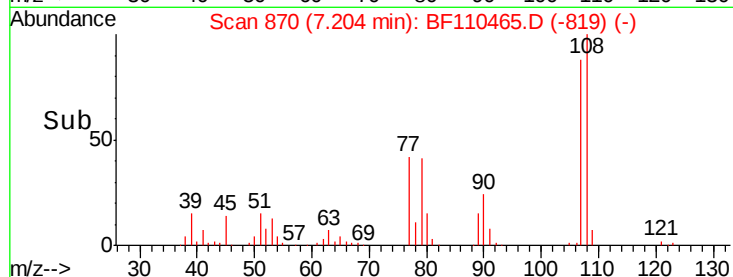
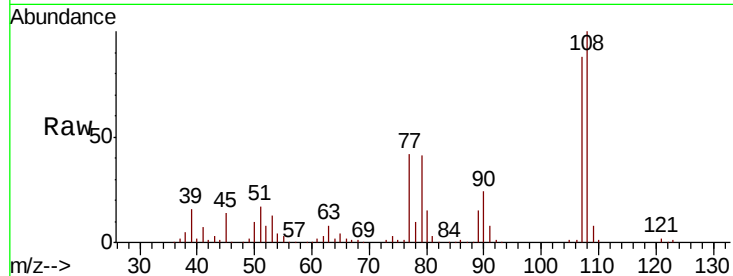




#17
2-Methylphenol
Concen: 44.170 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

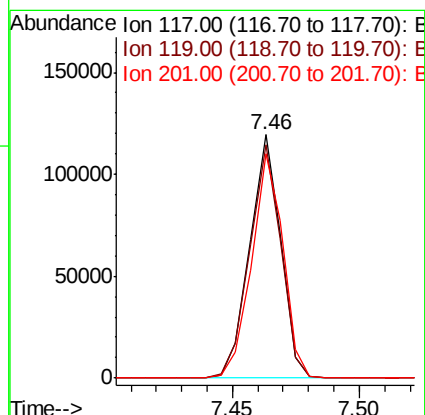
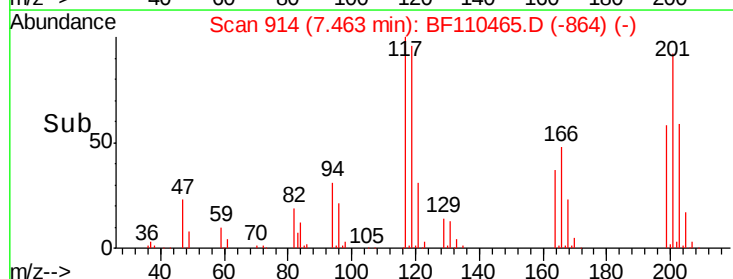
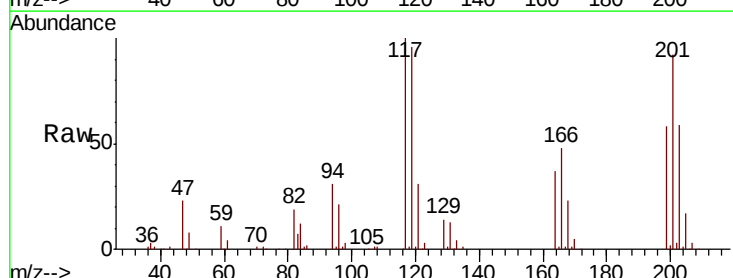
Instrument :
BNA_F
ClientSampleId :

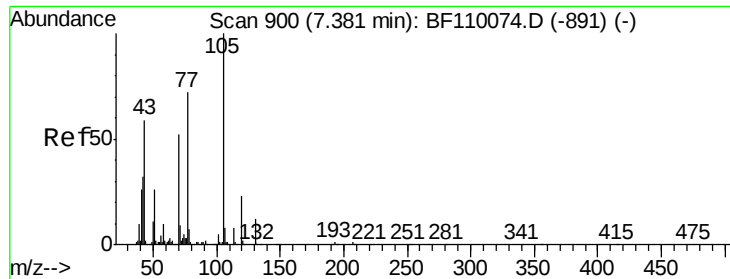
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.5	92.6	138.8
77	47.2	59.4	89.2#
79	46.3	54.0	81.0#



#18
Hexachloroethane
Concen: 39.465 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.0	112.6
201	92.0	79.2	118.8

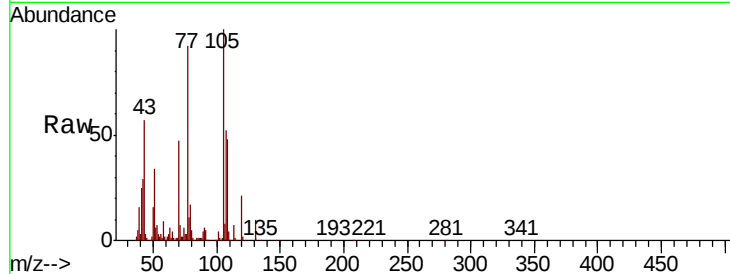




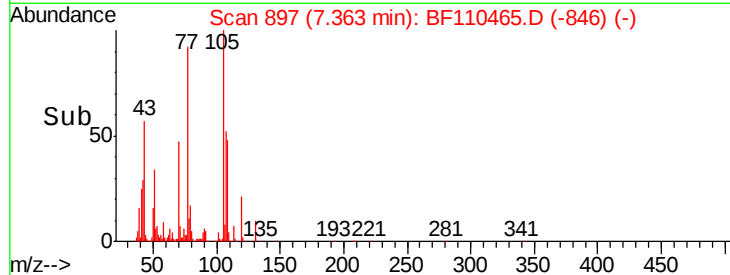
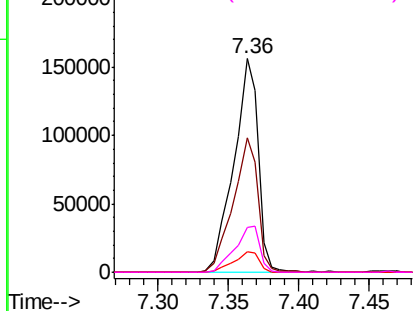
#19
n-Nitroso-di-n-propylamine
Concen: 41.515 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 187138
Ion Ratio Lower Upper
70 100
42 62.9 47.4 71.2
101 9.6 7.3 10.9
130 21.1 16.2 24.2



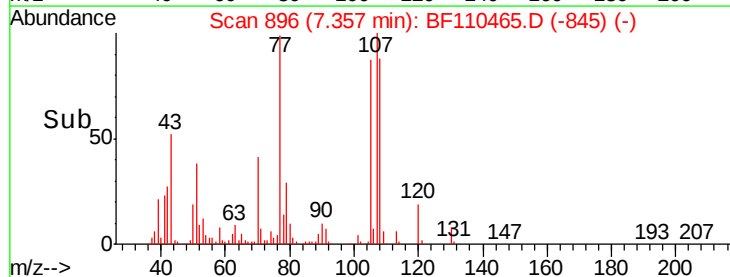
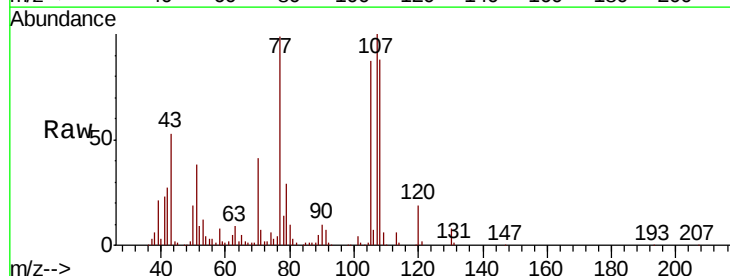
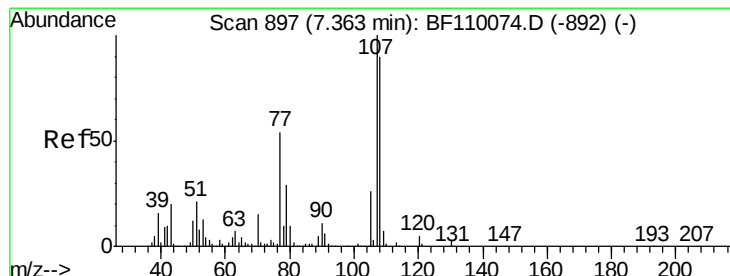
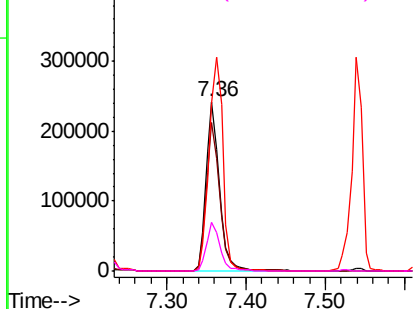
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

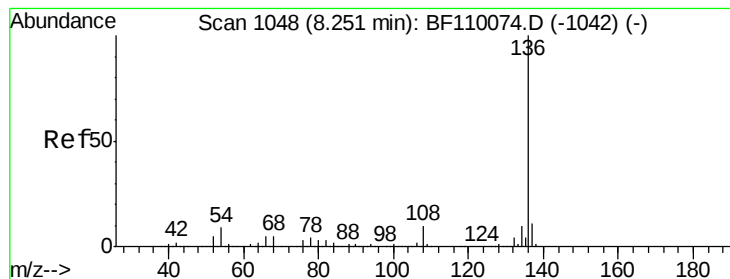


#20
3+4-Methylphenols
Concen: 44.206 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Tgt Ion:107 Resp: 288411
Ion Ratio Lower Upper
107 100
108 87.6 71.4 111.4
77 99.4 47.3 87.3#
79 28.8 10.9 50.9

Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 376133

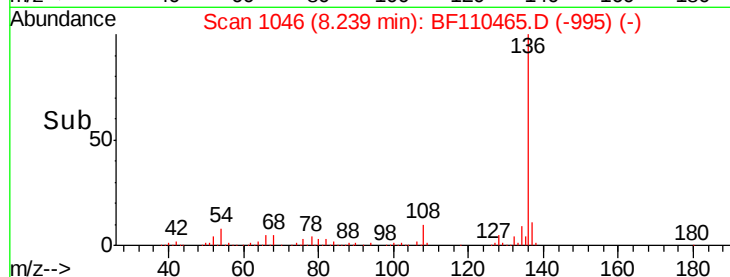
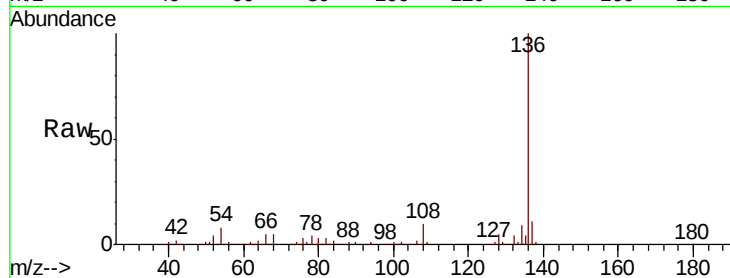
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 7.9 5.4 8.2

68 4.8 4.2 6.2

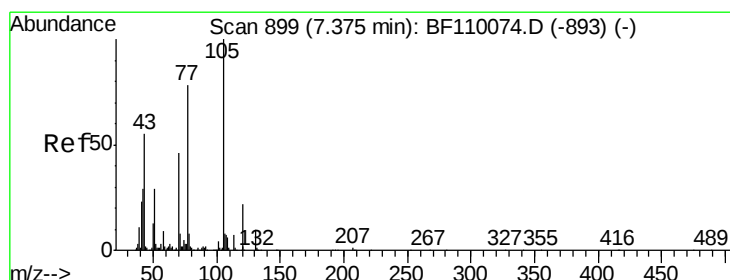
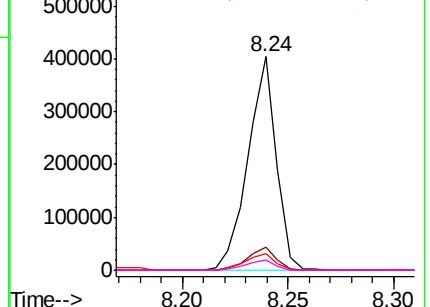


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.612 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

Tgt Ion:105 Resp: 377985

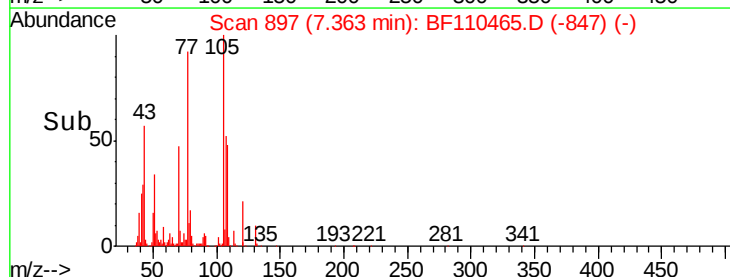
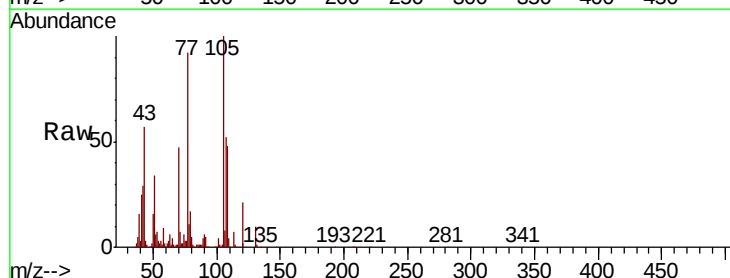
Ion Ratio Lower Upper

105 100

71 7.1 5.2 7.8

51 33.7 21.8 32.8#

120 21.4 17.0 25.4

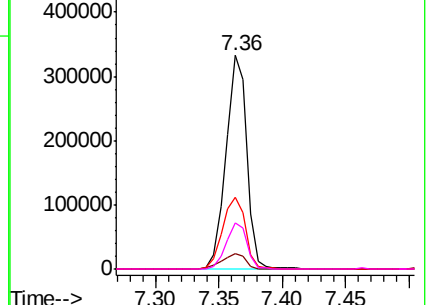


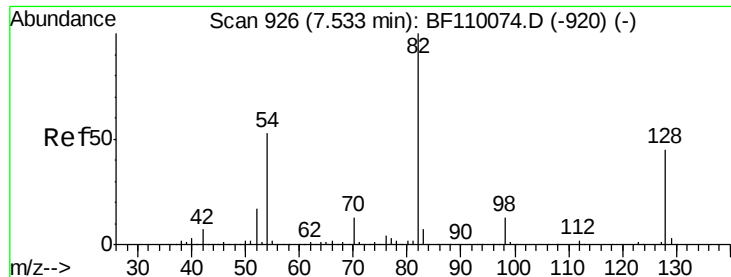
Abundance Ion 105.00 (104.70 to 105.70): E

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

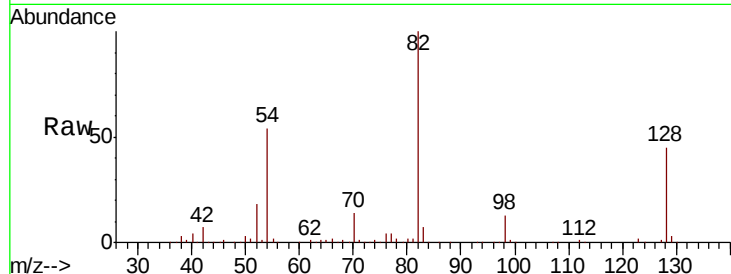




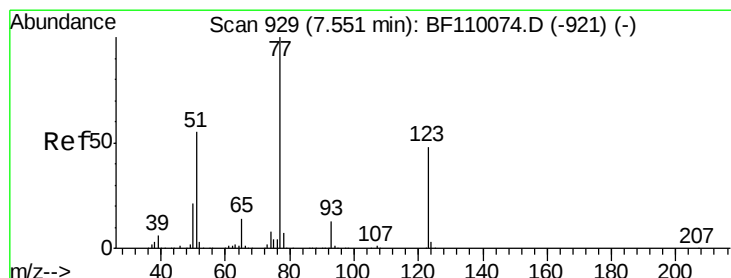
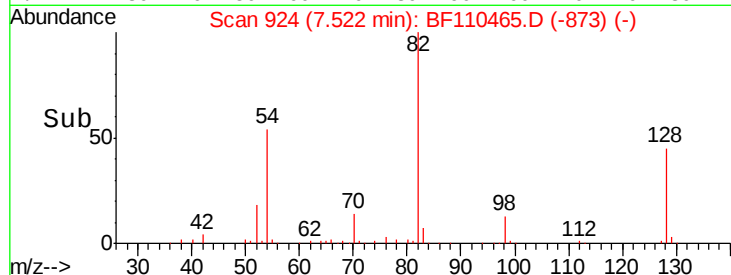
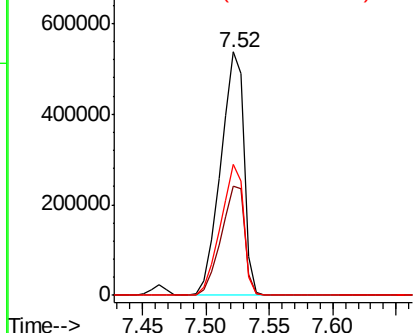
#23
 Nitrobenzene-d5
 Concen: 108.007 ng
 RT: 7.52 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF110465.D
 Acq: 5 Nov 2018 15:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.2	51.2
54	53.7	38.6	58.0

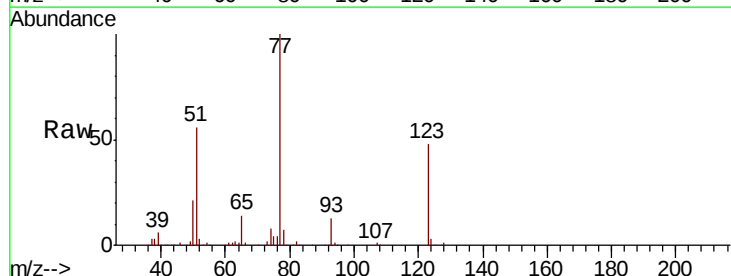


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

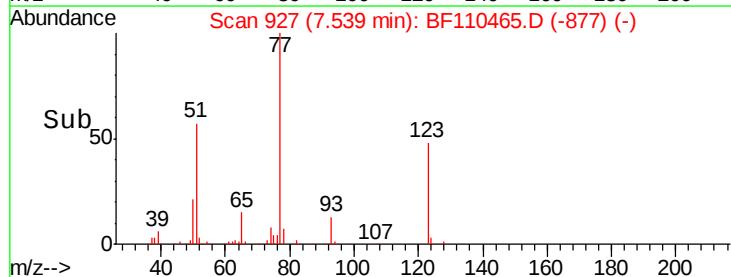
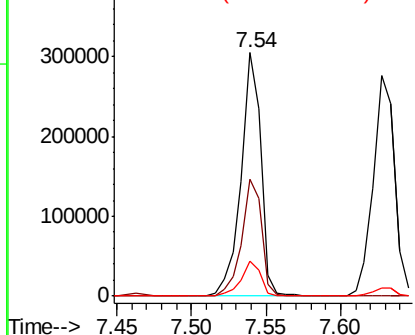


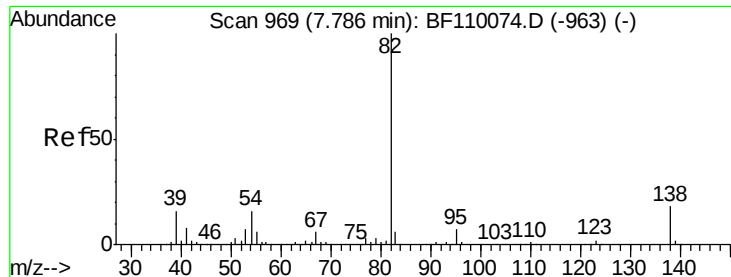
#24
 Nitrobenzene
 Concen: 42.883 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: BF110465.D
 Acq: 5 Nov 2018 15:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.8	35.7	53.5
65	14.4	10.7	16.1



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 47.912 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

Instrument :

BNA_F

ClientSampleId :

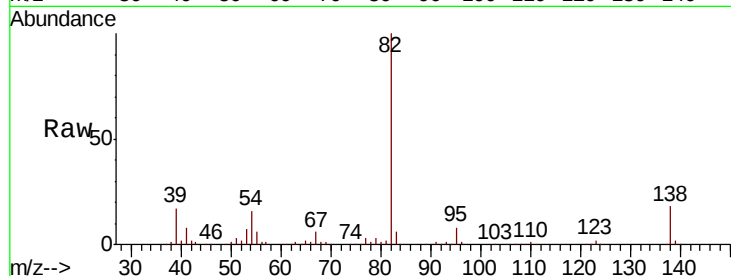
Tot Ion: 82 Resp: 517919

Ion Ratio Lower Upper

82 100

95 7.6 5.7 8.5

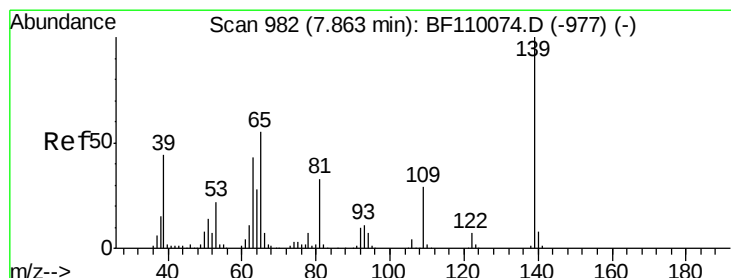
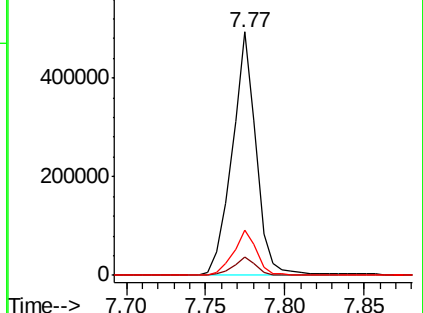
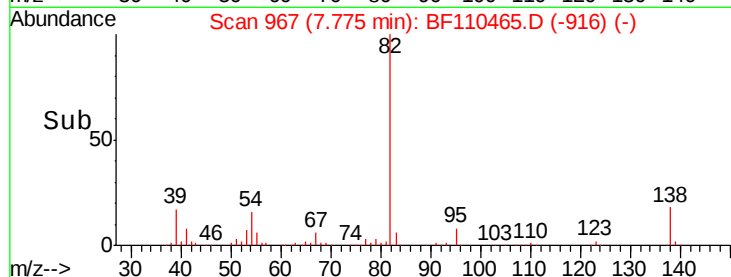
138 18.4 13.2 19.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 46.326 ng

RT: 7.86 min Scan# 981

Delta R.T. 0.00 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

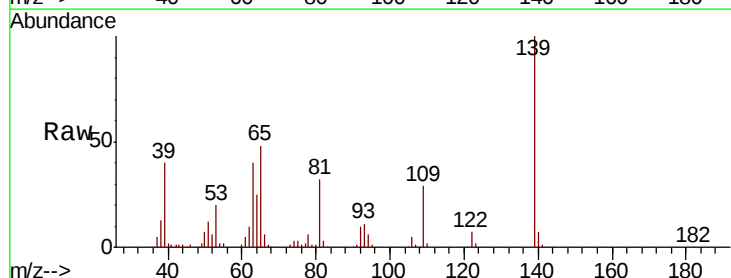
Tgt Ion: 139 Resp: 144331

Ion Ratio Lower Upper

139 100

109 28.6 25.0 37.6

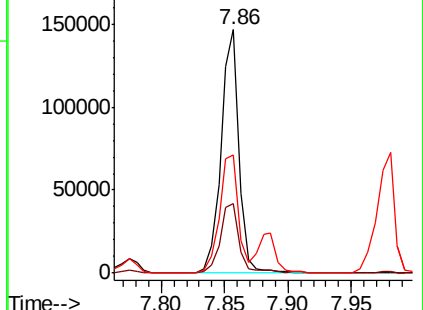
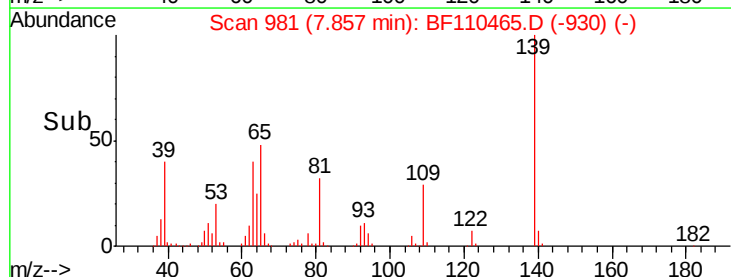
65 48.3 44.0 66.0



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





#27

2,4-Dimethylphenol

Concen: 48.763 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.00 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

Instrument :

BNA_F

ClientSampleId :

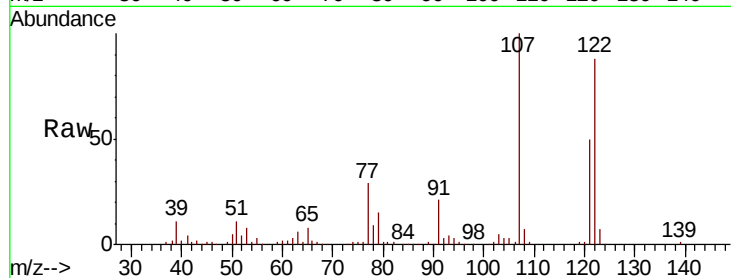
Tot Ion:122 Resp: 251880

Ion Ratio Lower Upper

122 100

107 113.5 92.5 138.7

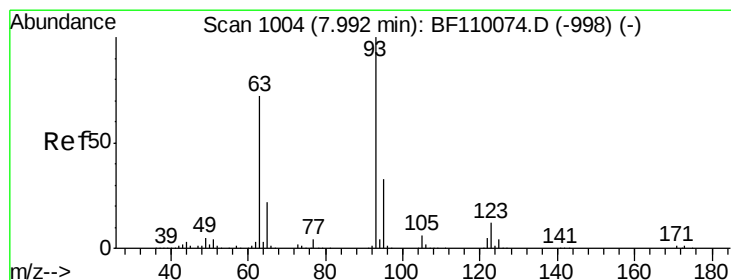
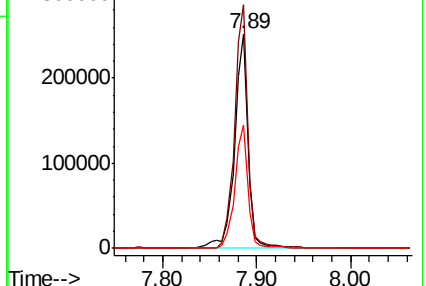
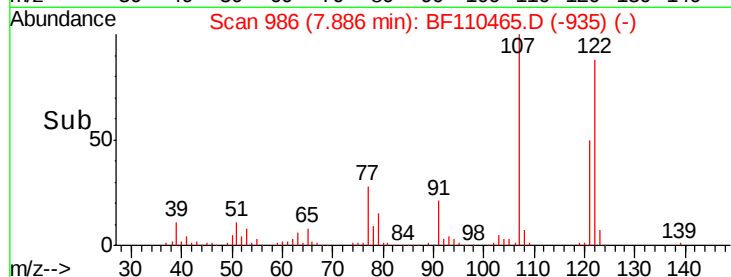
121 57.3 45.8 68.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.621 ng

RT: 7.98 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

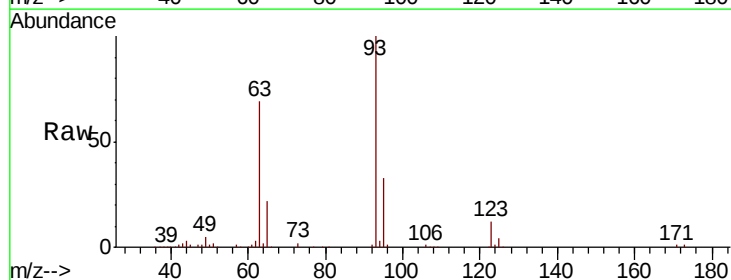
Tgt Ion: 93 Resp: 327670

Ion Ratio Lower Upper

93 100

95 33.0 26.4 39.6

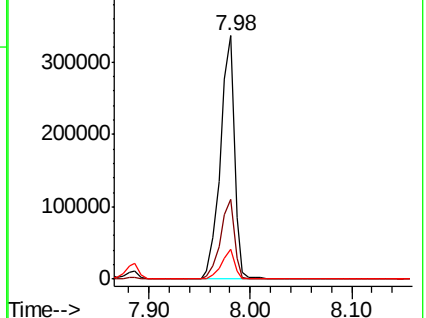
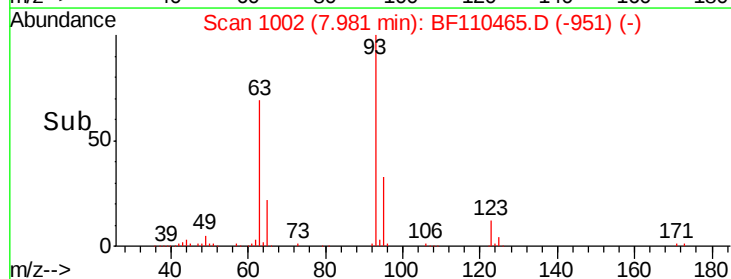
123 12.4 9.0 13.6

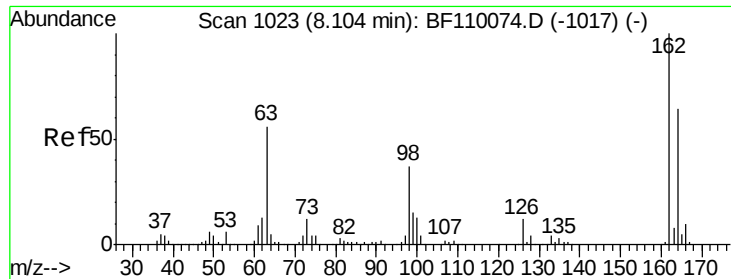


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

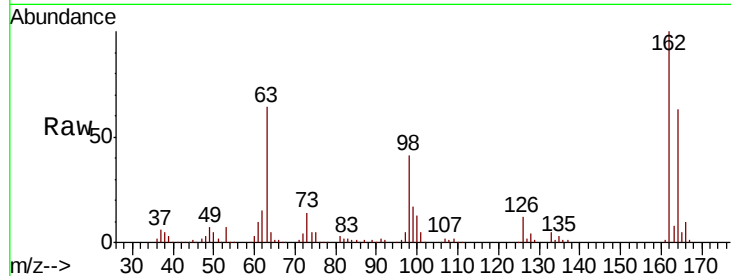




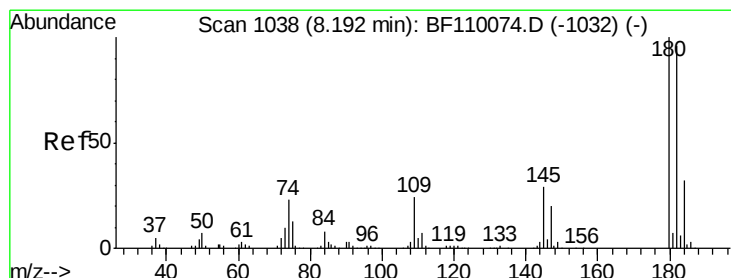
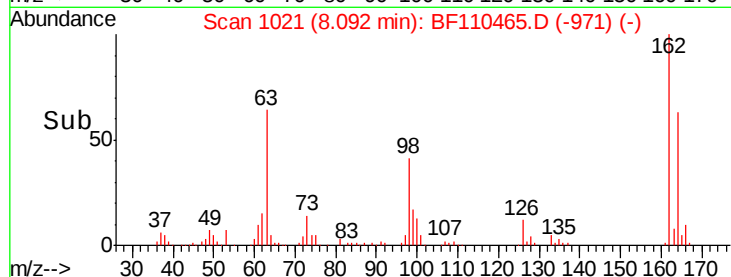
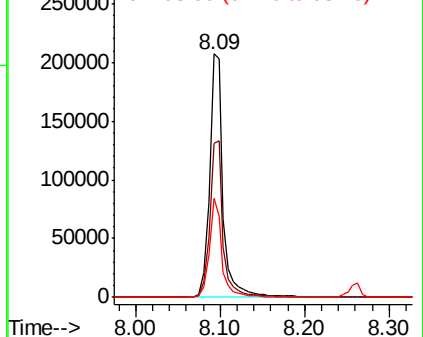
#29
 2,4-Dichlorophenol
 Concen: 44.647 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF110465.D
 Acq: 5 Nov 2018 15:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	44.6	84.6
98	40.7	17.4	57.4

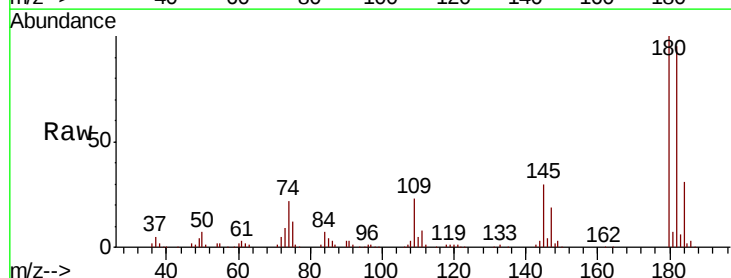


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

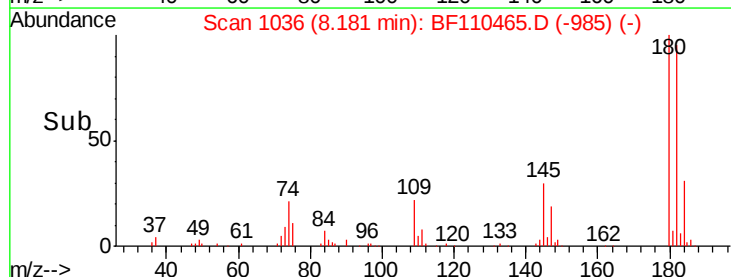
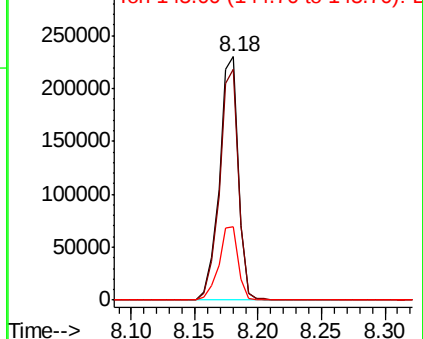


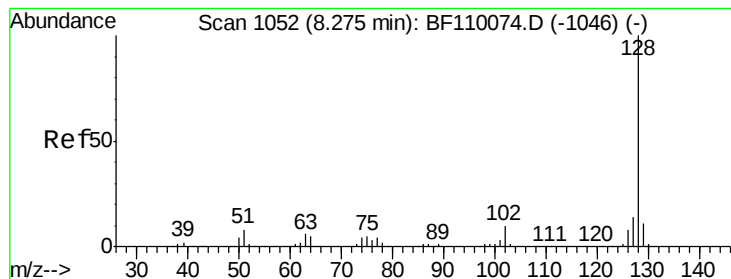
#30
 1,2,4-Trichlorobenzene
 Concen: 41.359 ng
 RT: 8.18 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF110465.D
 Acq: 5 Nov 2018 15:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	80.3	120.5
145	30.4	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: 45.456 ng

RT: 8.26 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

Instrument :

BNA_F

ClientSampleId :

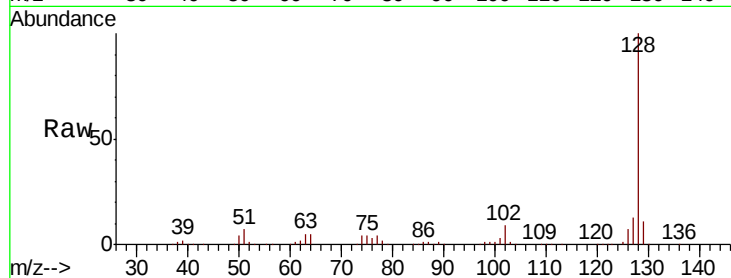
Tot Ion:128 Resp: 788011

Ion Ratio Lower Upper

128 100

129 10.7 8.8 13.2

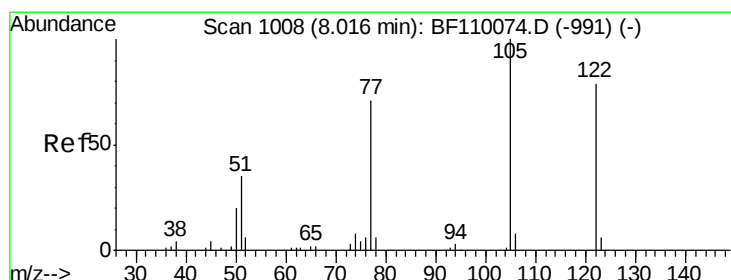
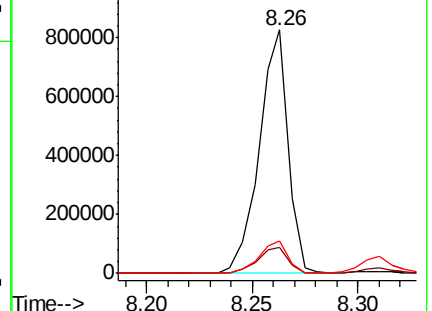
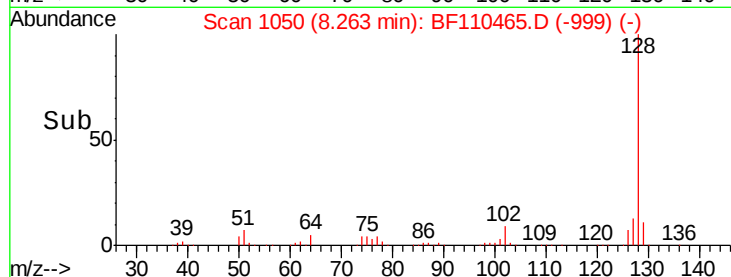
127 13.2 10.8 16.2



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: 63.092 ng

RT: 7.89 min Scan# 986

Delta R.T. -0.12 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

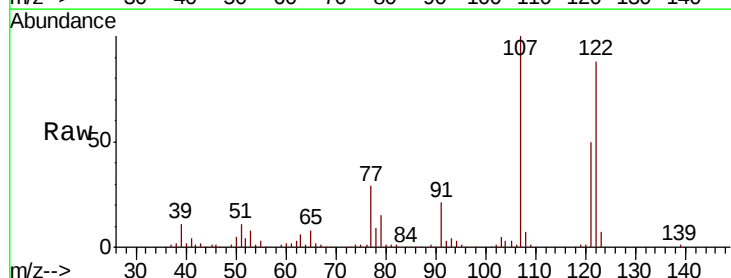
Tgt Ion:122 Resp: 251880

Ion Ratio Lower Upper

122 100

105 3.7 109.0 149.0#

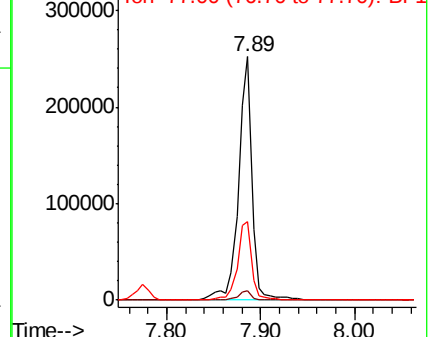
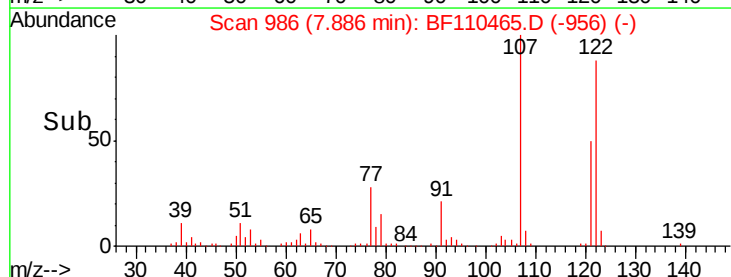
77 32.5 79.0 119.0#

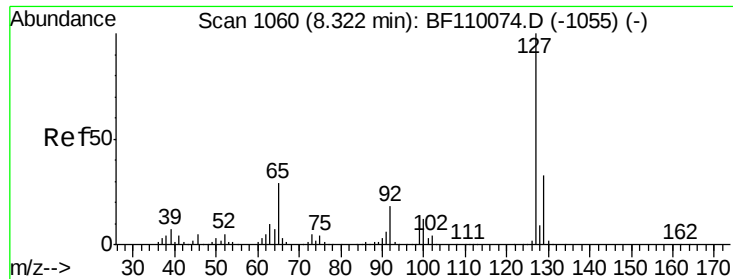


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

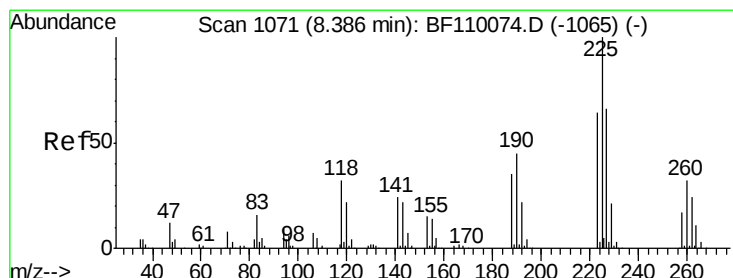
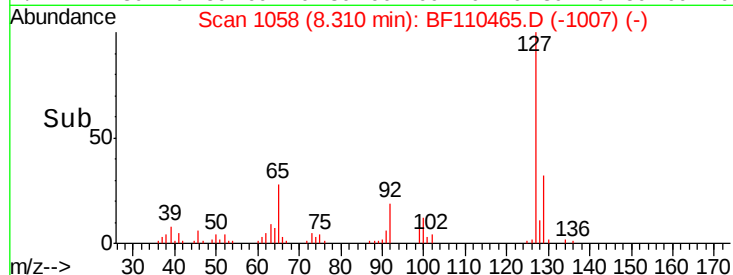
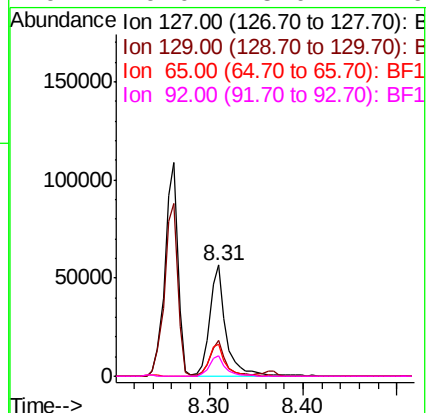
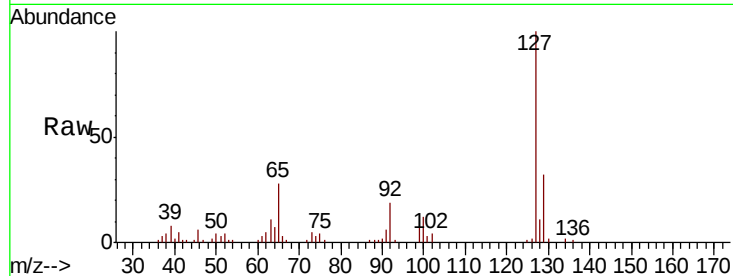




#33
4-Chloroaniline
Concen: 8.856 ng
RT: 8.31 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

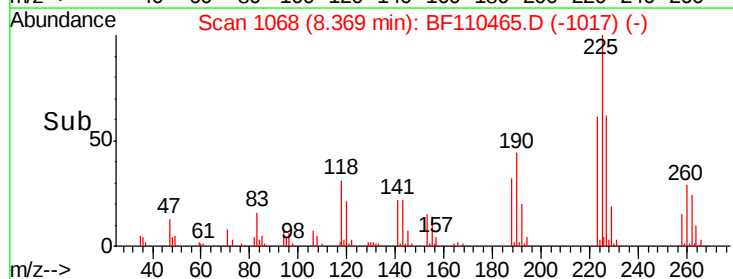
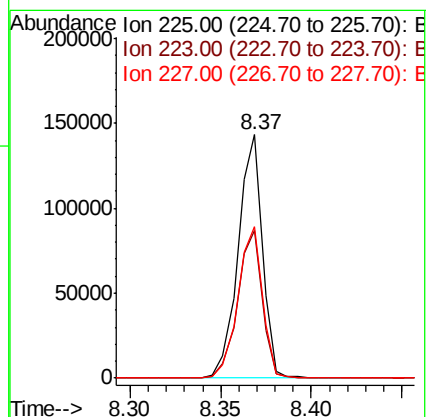
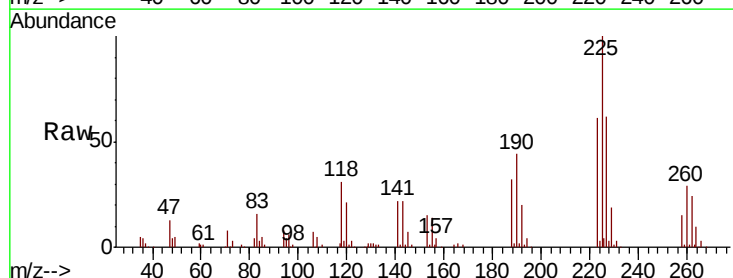
Instrument :
BNA_F
ClientSampleId :

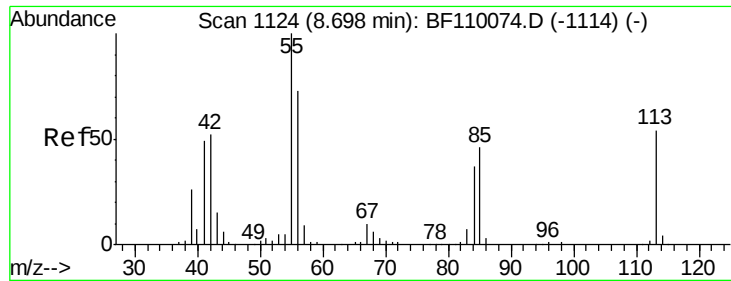
Tot Ion:	127	Resp:	69093
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.0	39.0
65	28.4	25.1	37.7
92	19.0	15.0	22.6



#34
Hexachlorobutadiene
Concen: 41.036 ng
RT: 8.37 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Tgt Ion:	225	Resp:	133188
Ion	Ratio	Lower	Upper
225	100		
223	60.7	51.4	77.2
227	62.4	51.0	76.6

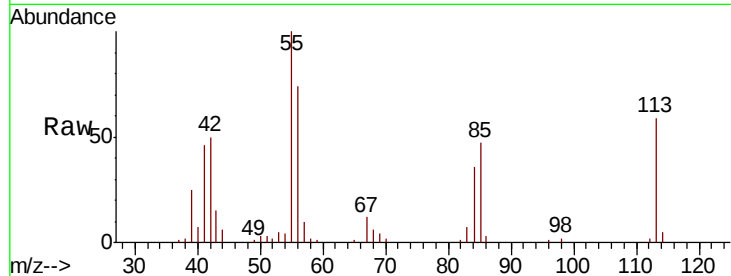




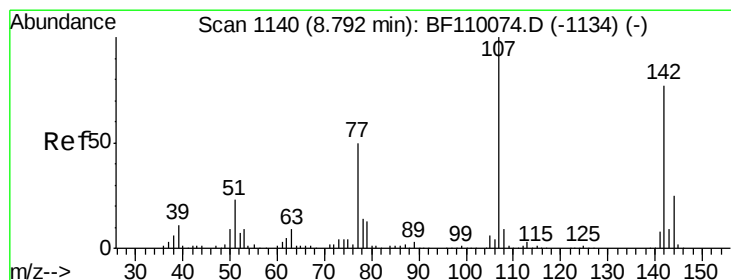
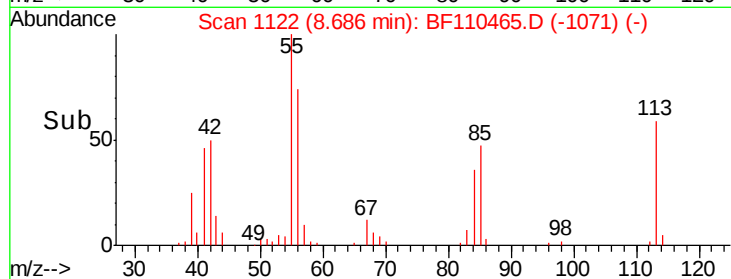
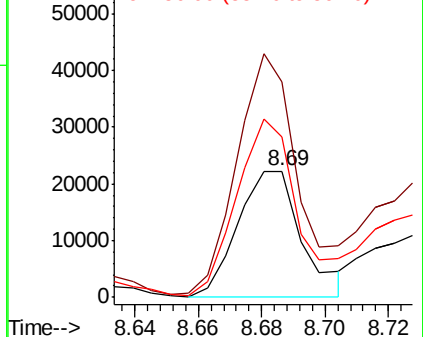
#35
 Caprolactam
 Concen: 17.159 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. 0.00 min
 Lab File: BF110465.D
 Acq: 5 Nov 2018 15:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 31210
 Ion Ratio Lower Upper
 113 100
 55 170.5 142.8 182.8
 56 126.8 105.0 145.0

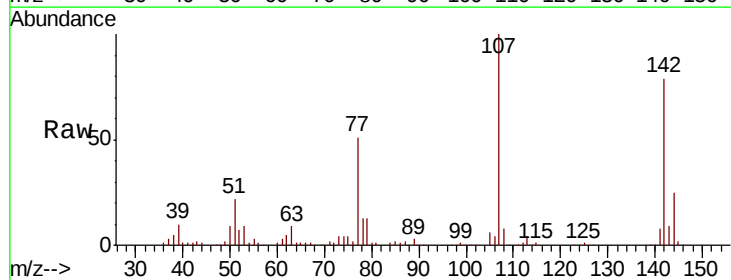


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

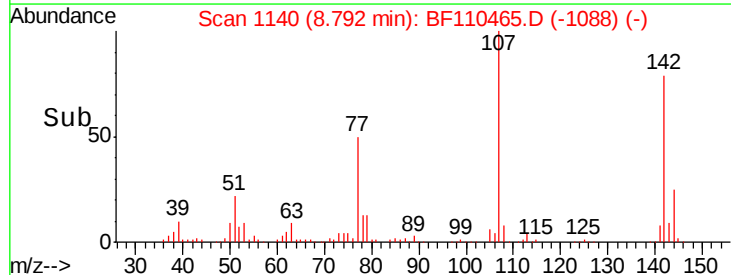
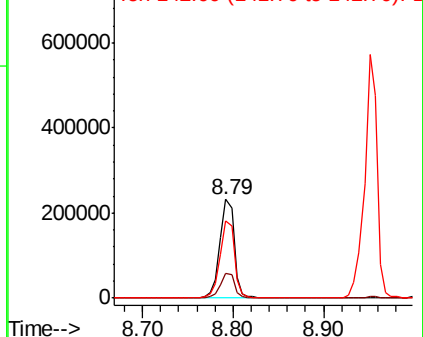


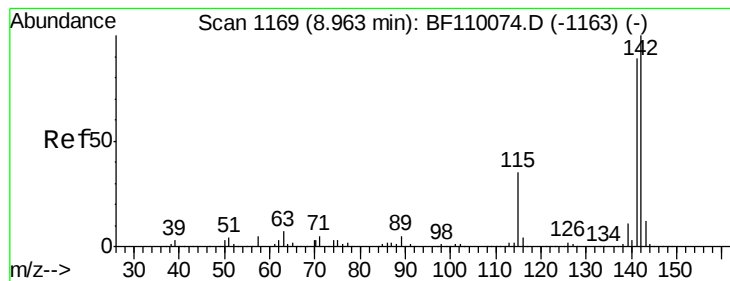
#36
 4-Chloro-3-methylphenol
 Concen: 45.385 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: BF110465.D
 Acq: 5 Nov 2018 15:22

Tgt Ion:107 Resp: 256113
 Ion Ratio Lower Upper
 107 100
 144 24.9 20.0 30.0
 142 78.8 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

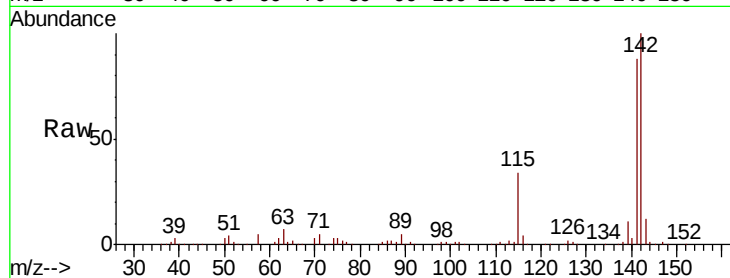




#37
2-Methylnaphthalene
Concen: 48.321 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	71.4	107.2
115	34.1	28.7	43.1

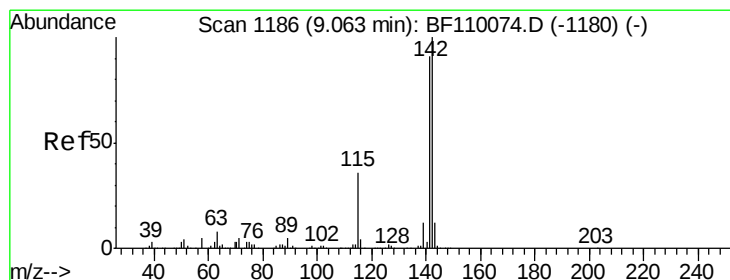
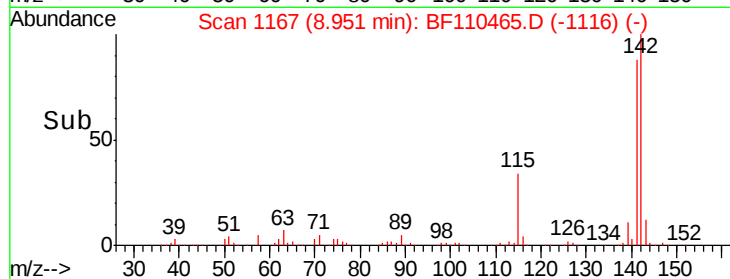
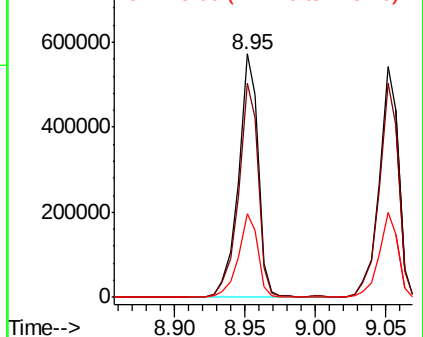


Abundance

Ion 142.00 (141.70 to 142.70): E

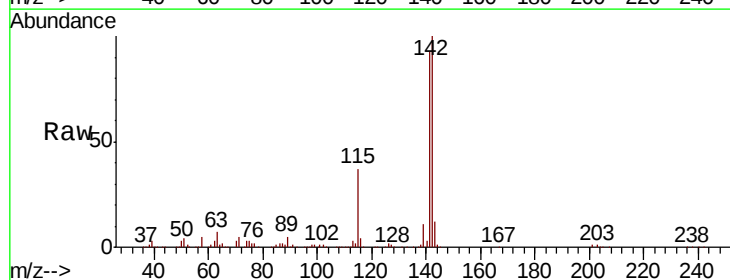
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 46.432 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	74.2	111.4
116	3.7	2.6	4.0

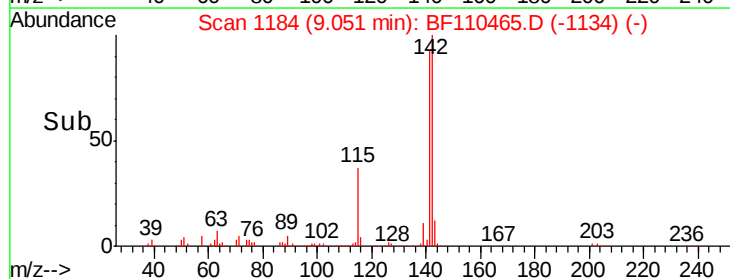
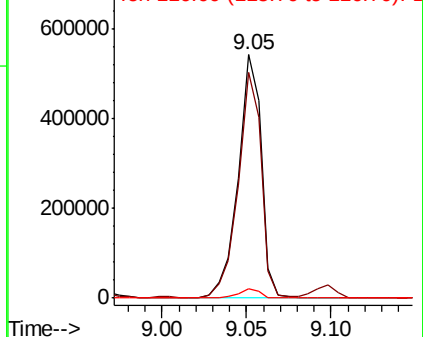


Abundance

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: BF110465.D

Acq: 5 Nov 2018 15:22

Instrument :

BNA_F

ClientSampleId :

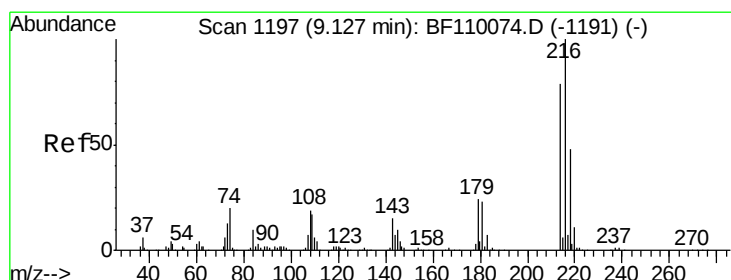
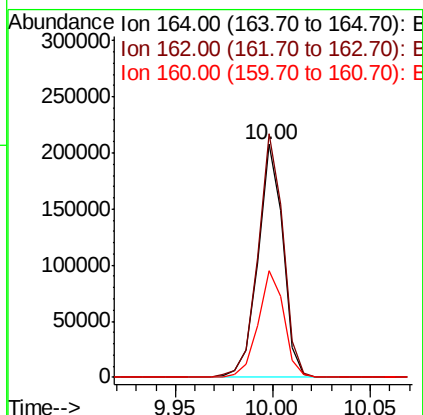
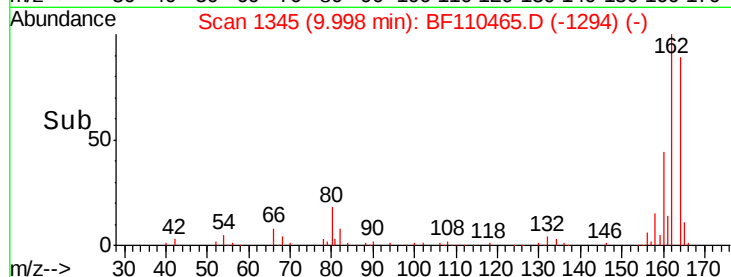
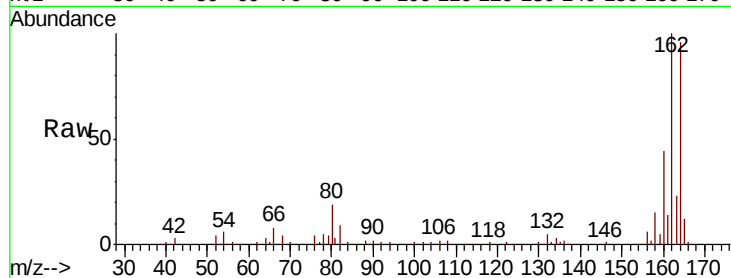
Tot Ion:164 Resp: 183546

Ion Ratio Lower Upper

164 100

162 104.3 83.0 124.6

160 45.5 37.0 55.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.928 ng

RT: 9.12 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

Tgt Ion:216 Resp: 234064

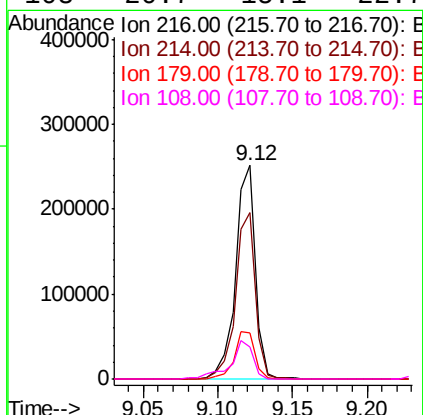
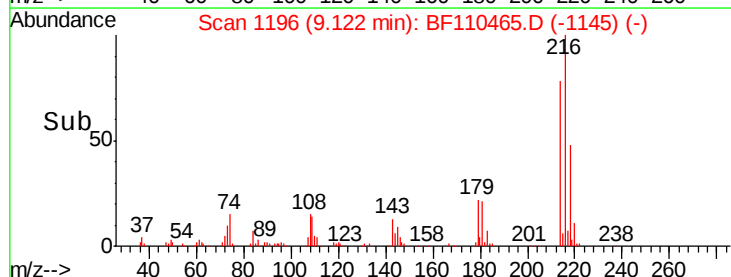
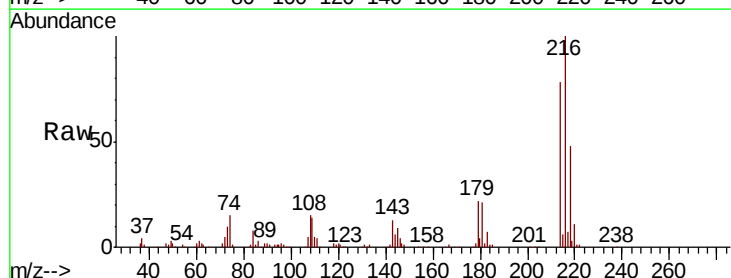
Ion Ratio Lower Upper

216 100

214 78.7 63.8 95.6

179 23.1 16.6 25.0

108 20.7 15.1 22.7





#41

Hexachlorocyclopentadiene

Concen: 65.584 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

Instrument :

BNA_F

ClientSampleId :

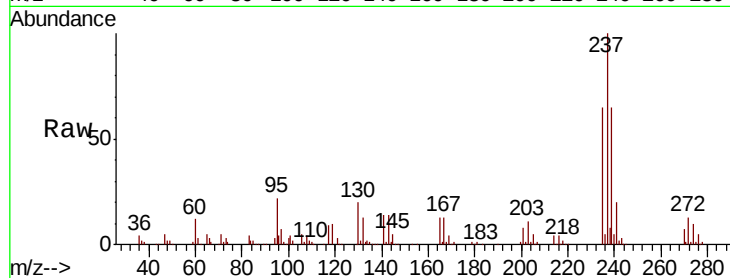
Tot Ion:237 Resp: 191785

Ion Ratio Lower Upper

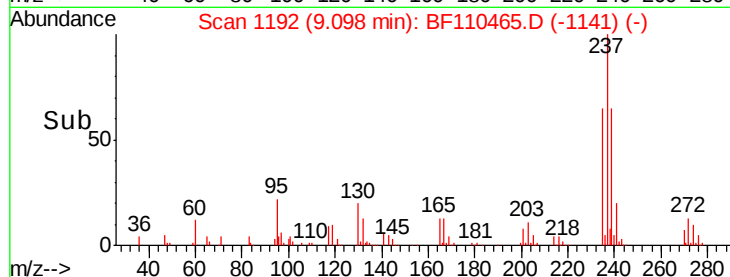
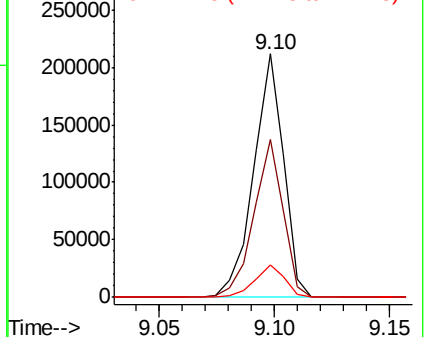
237 100

235 64.7 43.1 83.1

272 13.1 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: 146.475 ng

RT: 10.80 min Scan# 1481

Delta R.T. 0.01 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

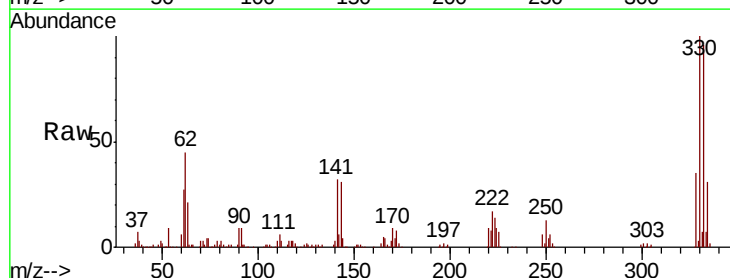
Tgt Ion:330 Resp: 266313

Ion Ratio Lower Upper

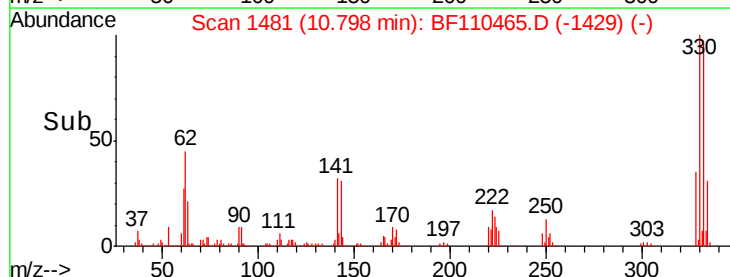
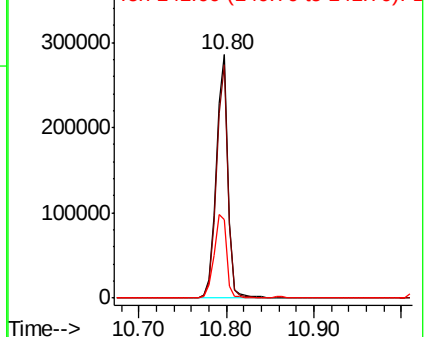
330 100

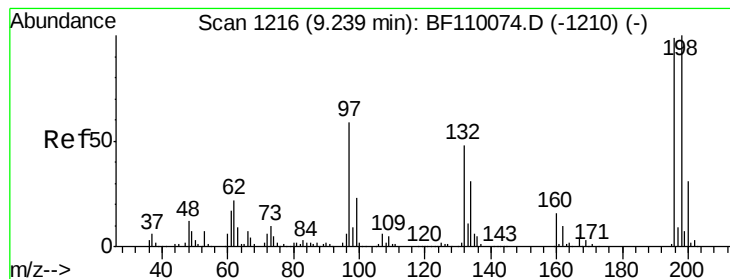
332 94.4 77.1 115.7

141 37.0 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: 42.857 ng

RT: 9.23 min Scan# 1215

Delta R.T. 0.00 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

Instrument :

BNA_F

ClientSampled :

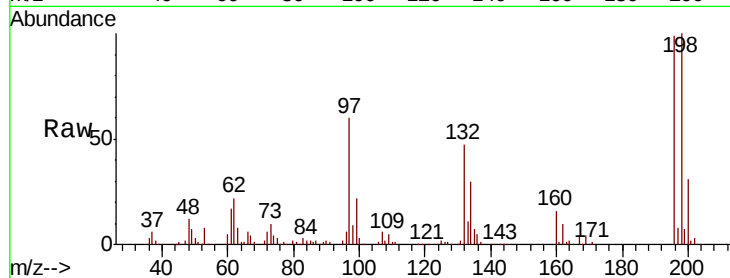
Tot Ion:196 Resp: 158084

Ion Ratio Lower Upper

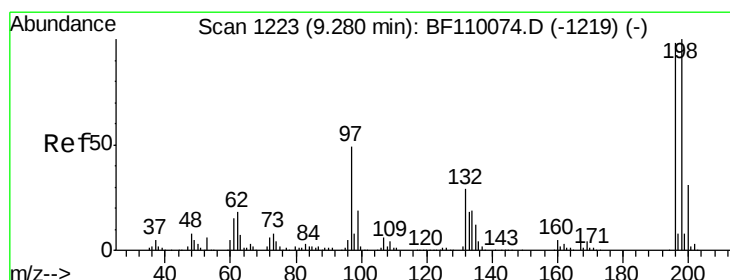
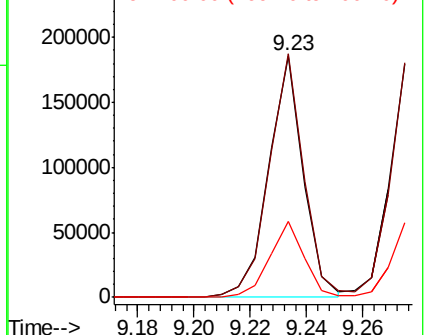
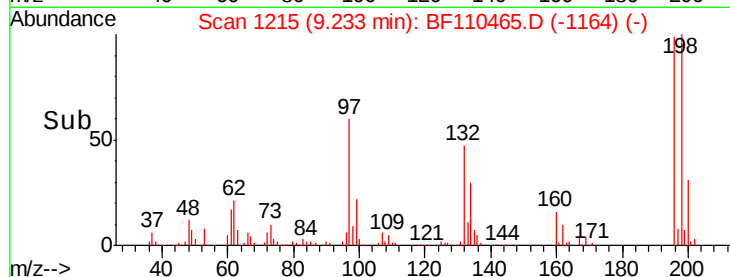
196 100

198 100.9 76.2 114.4

200 31.5 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: 43.678 ng

RT: 9.27 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

Tgt Ion:196 Resp: 170302

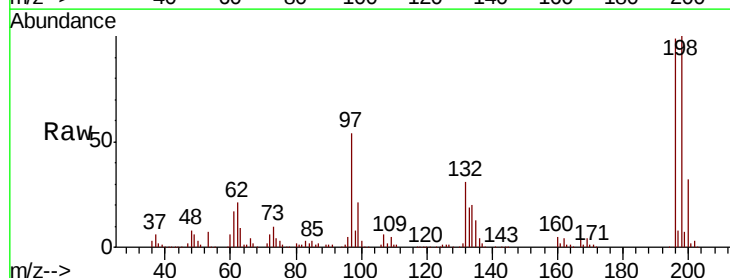
Ion Ratio Lower Upper

196 100

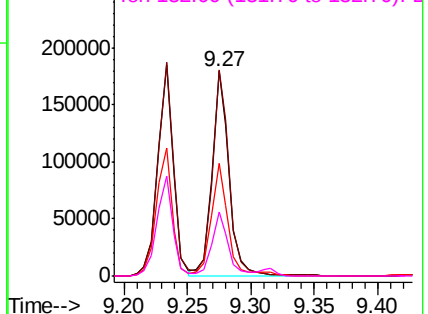
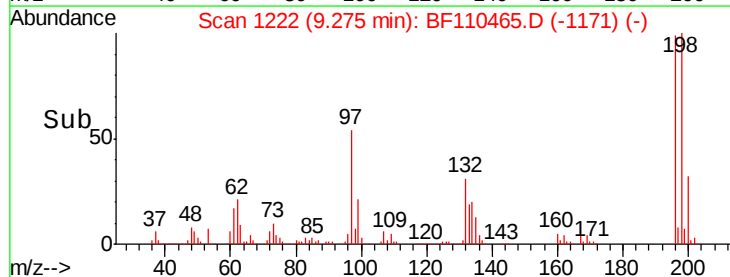
198 100.8 75.8 113.6

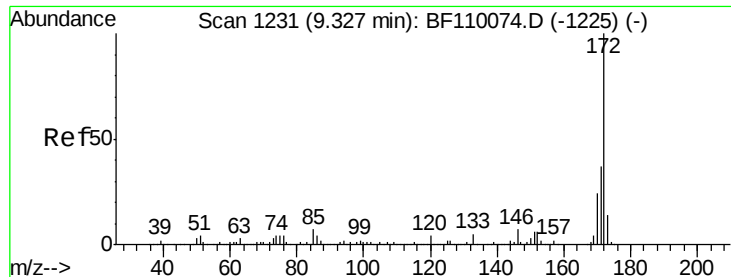
97 54.8 42.4 63.6

132 31.3 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

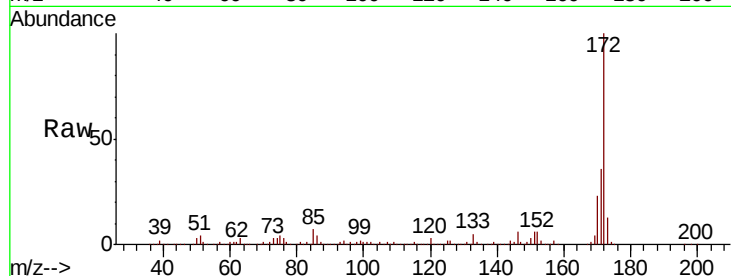




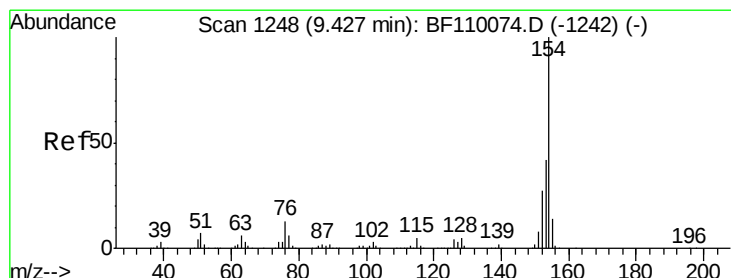
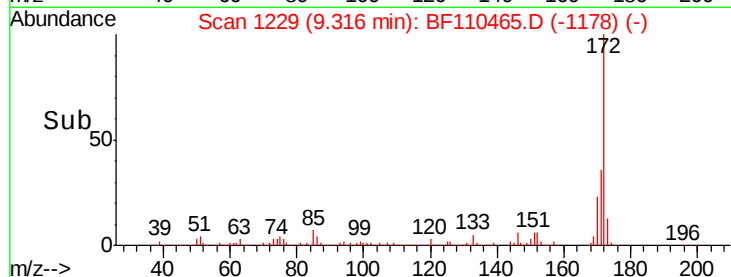
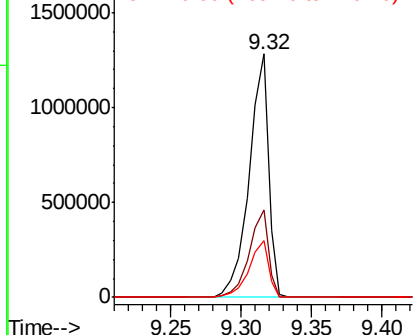
#45
2-Fluorobiphenyl
Concen: 106.184 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1241174
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 23.4 19.7 29.5

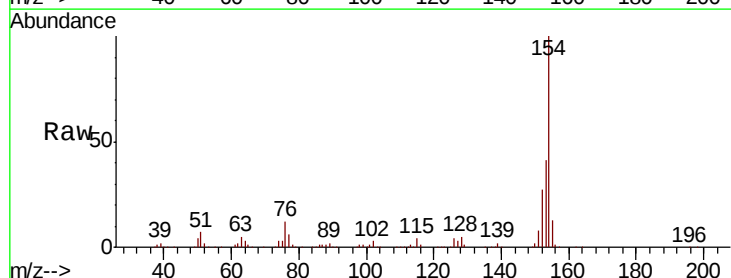


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

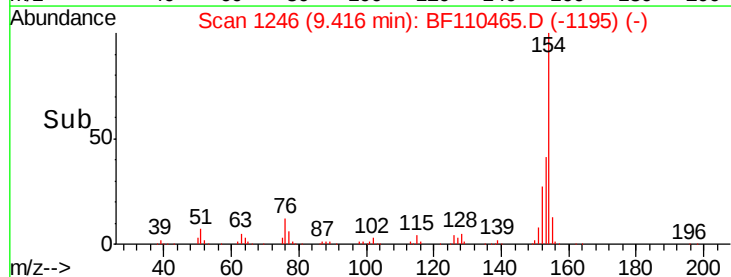
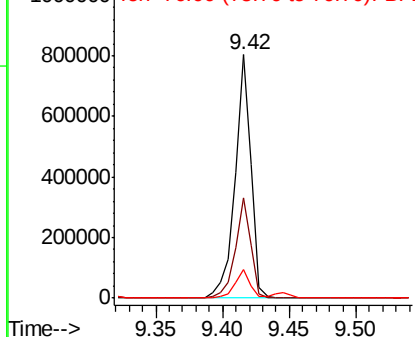


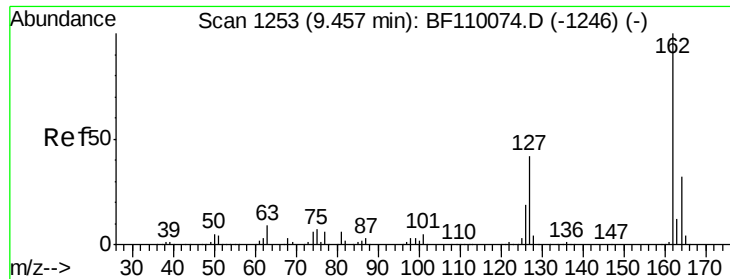
#46
1,1'-Biphenyl
Concen: 40.472 ng
RT: 9.42 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Tgt Ion:154 Resp: 671758
Ion Ratio Lower Upper
154 100
153 41.3 20.4 60.4
76 11.6 0.0 31.9



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

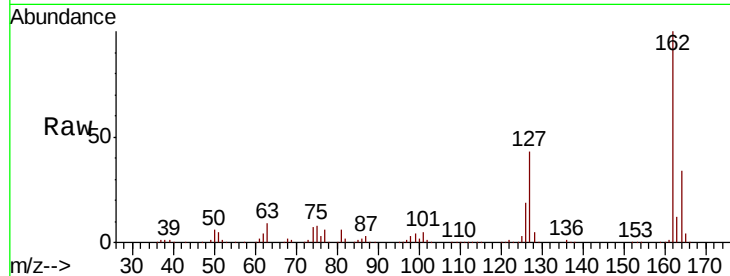




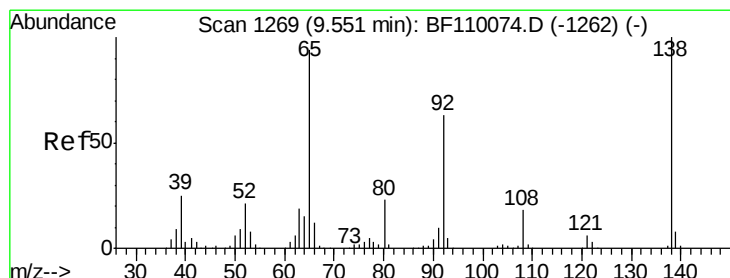
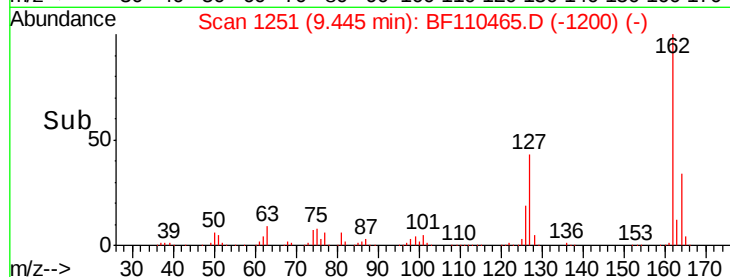
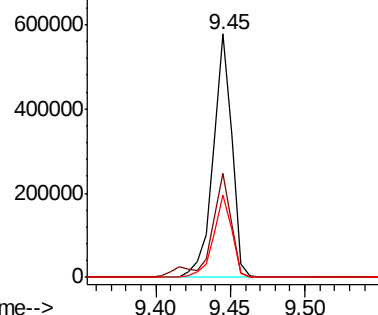
#47
 2-Chloronaphthalene
 Concen: 41.182 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BF110465.D
 Acq: 5 Nov 2018 15:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.6	32.6	48.8
164	33.6	25.9	38.9

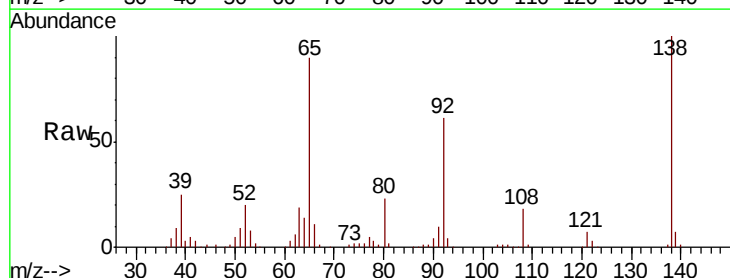


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

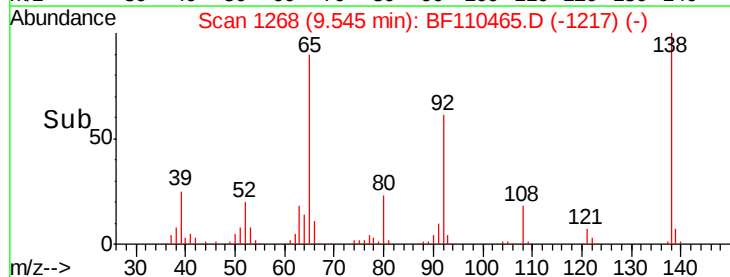
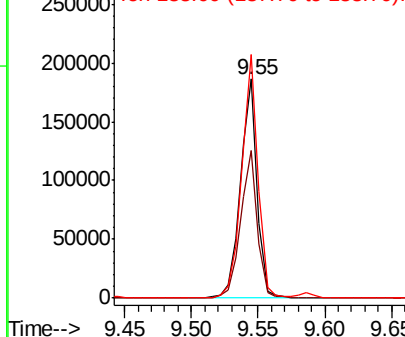


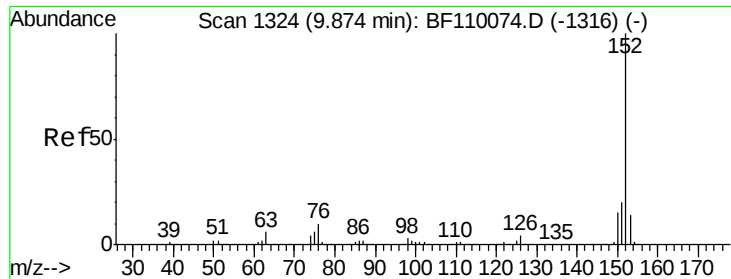
#48
 2-Nitroaniline
 Concen: 44.085 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: BF110465.D
 Acq: 5 Nov 2018 15:22

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.3	54.6	81.8
138	111.2	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: 44.896 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

Instrument :

BNA_F

ClientSampleId :

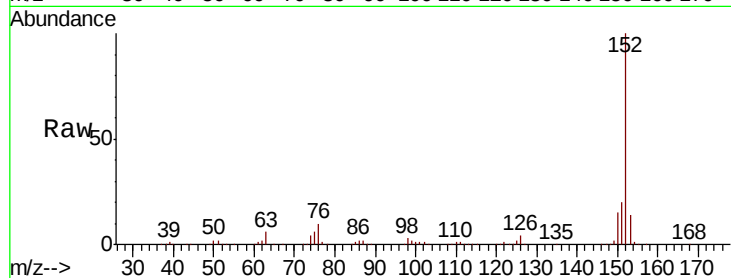
Tot Ion:152 Resp: 789496

Ion Ratio Lower Upper

152 100

151 20.3 15.8 23.8

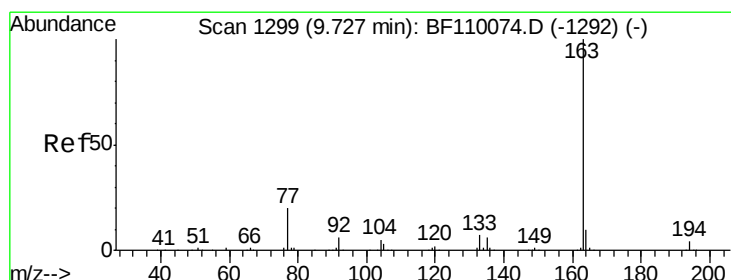
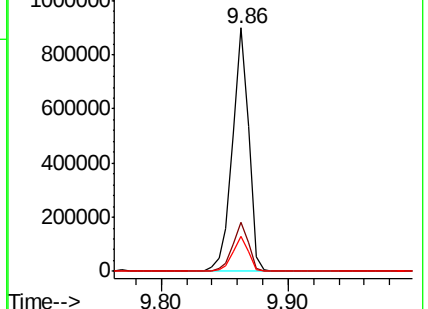
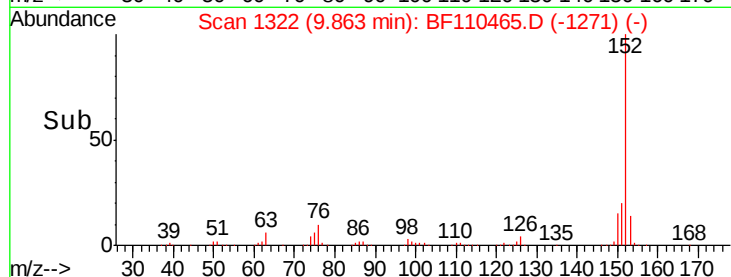
153 14.1 10.4 15.6



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: 58.259 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

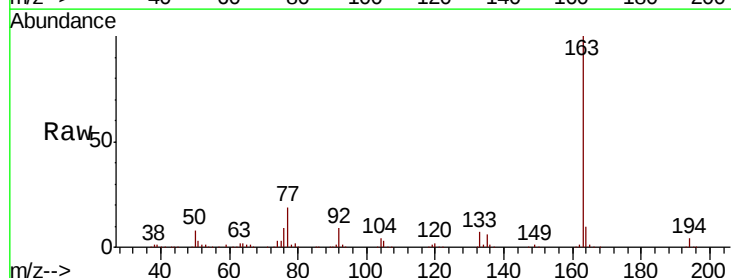
Tgt Ion:163 Resp: 789343

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

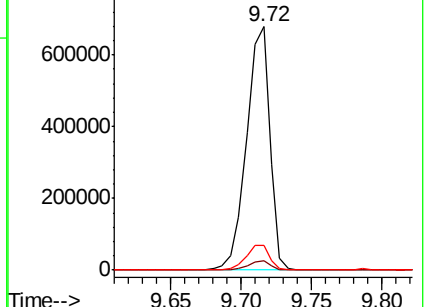
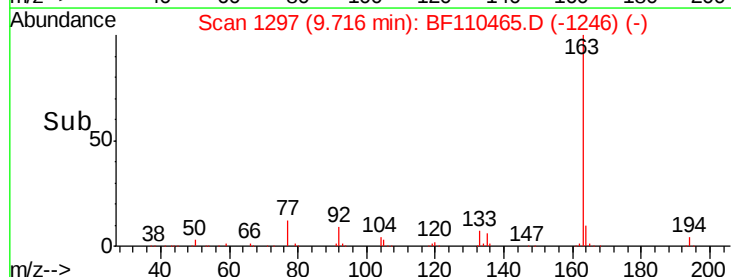
164 10.0 8.1 12.1

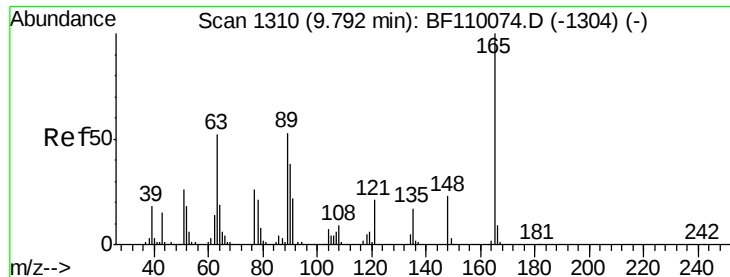


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

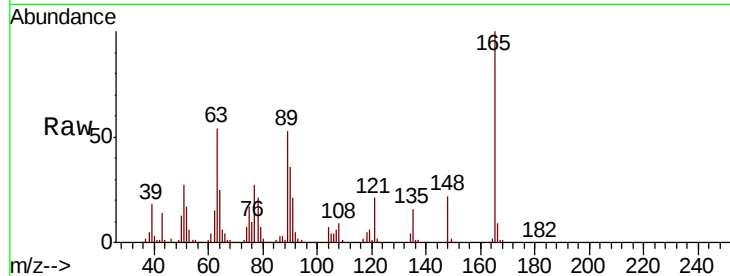




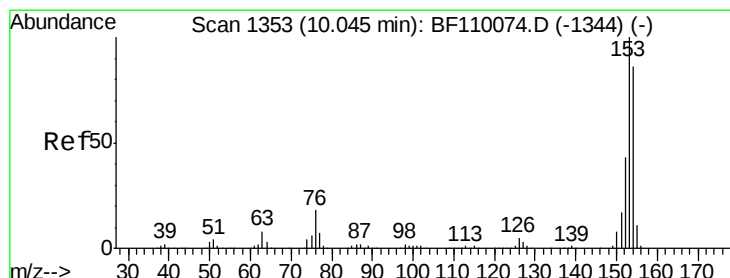
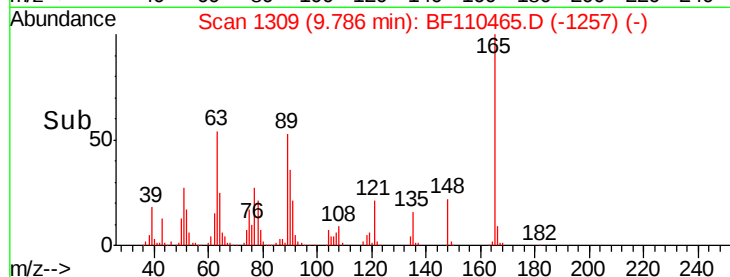
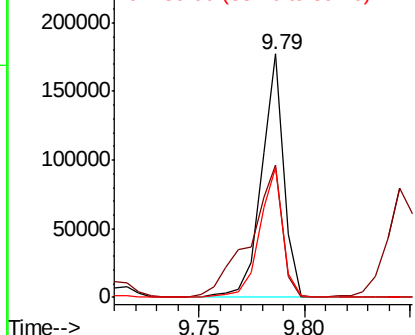
#51
2,6-Dinitrotoluene
Concen: 44.595 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 130151
Ion Ratio Lower Upper
165 100
63 54.3 48.9 73.3
89 53.1 46.6 69.8

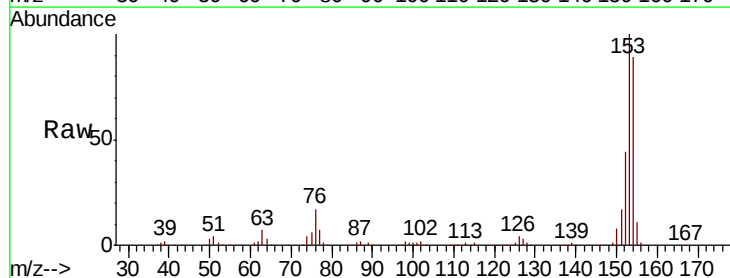


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

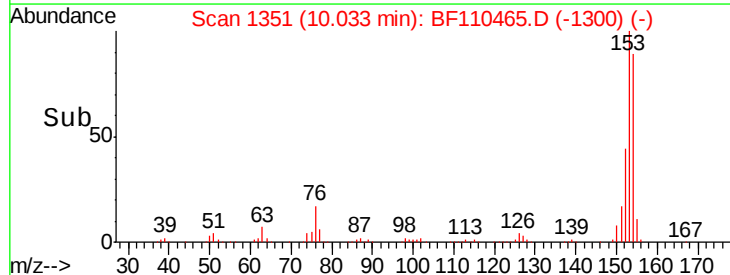
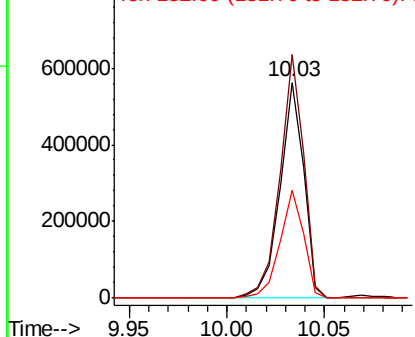


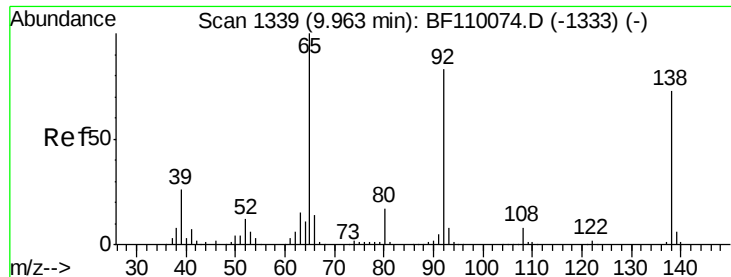
#52
Acenaphthene
Concen: 40.850 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Tgt Ion:154 Resp: 475220
Ion Ratio Lower Upper
154 100
153 113.0 90.1 135.1
152 49.9 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

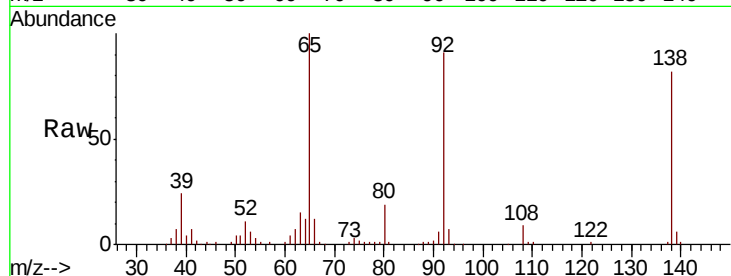




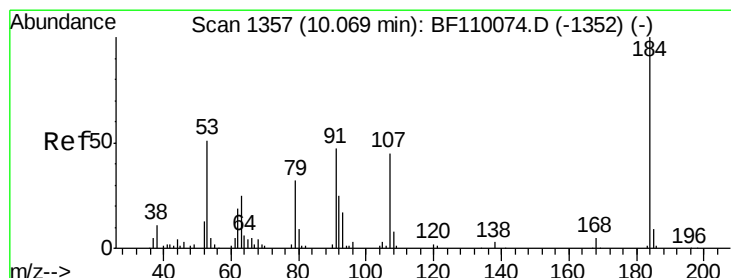
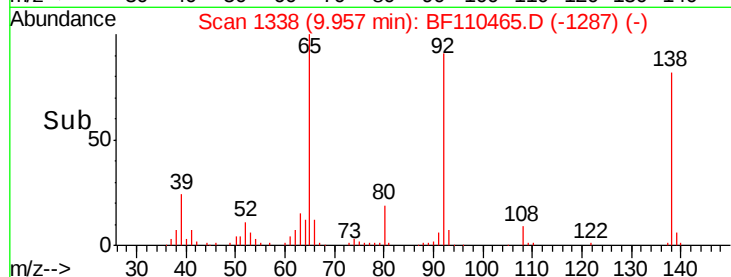
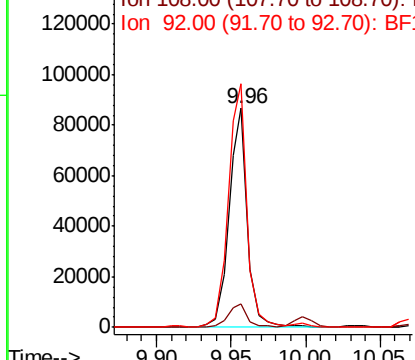
#53
3-Nitroaniline
Concen: 21.751 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 75491
Ion Ratio Lower Upper
138 100
108 10.5 8.7 13.1
92 111.2 97.0 145.4

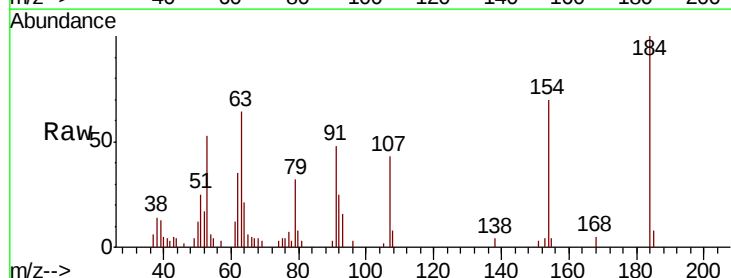


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

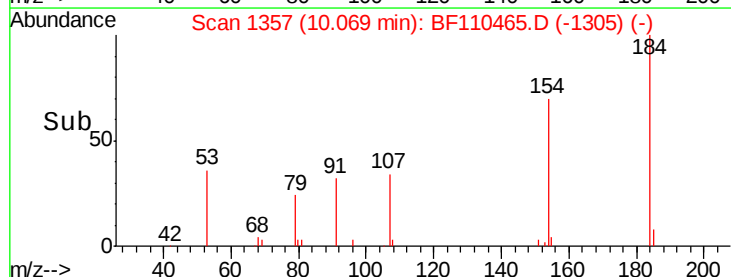
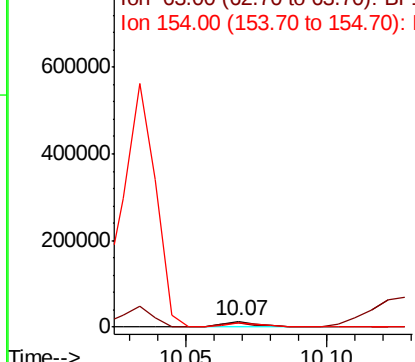


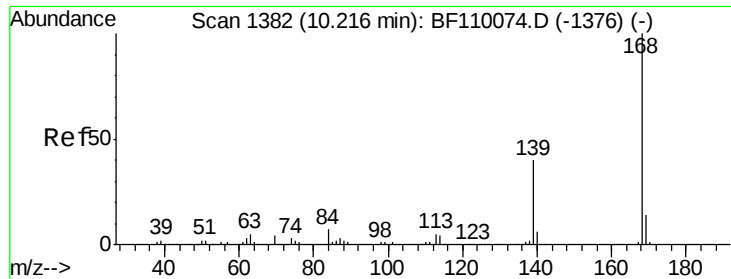
#54
2,4-Dinitrophenol
Concen: 15.295 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Tgt Ion:184 Resp: 12533
Ion Ratio Lower Upper
184 100
63 64.2 55.8 83.6
154 70.0 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

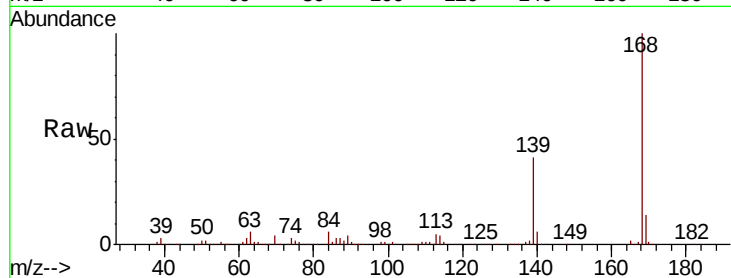




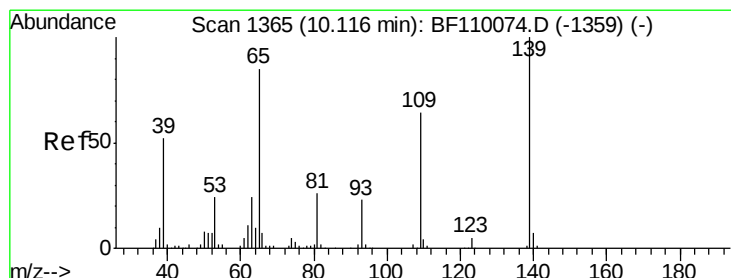
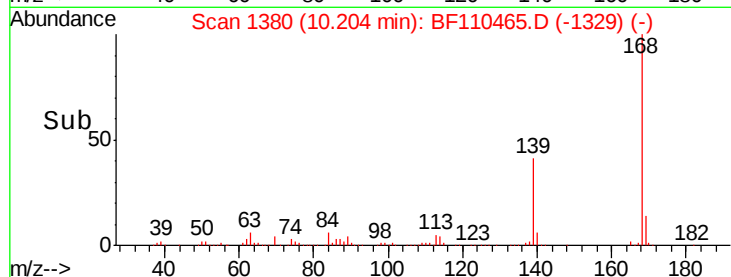
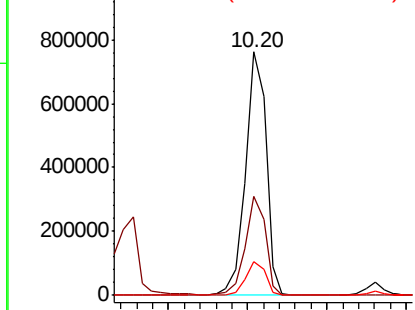
#55
Dibenzofuran
Concen: 42.113 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 685930
Ion Ratio Lower Upper
168 100
139 40.9 33.0 49.6
169 13.9 11.3 16.9

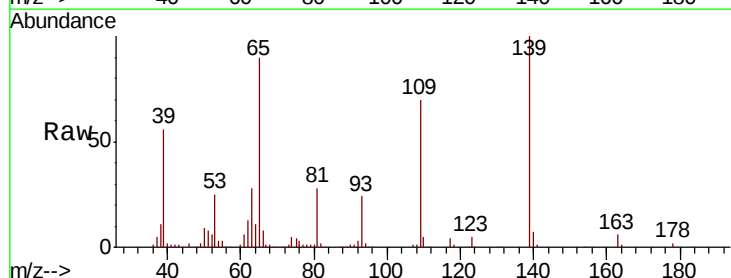


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

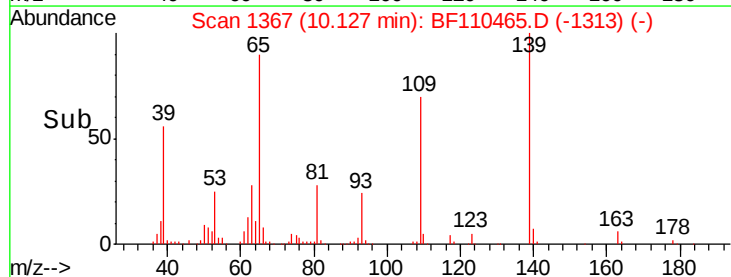
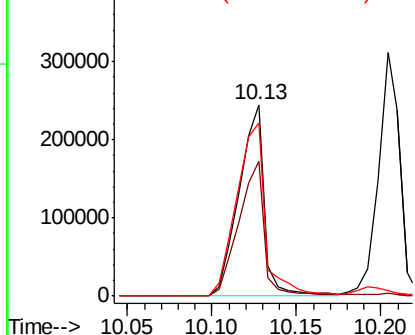


#56
4-Nitrophenol
Concen: 100.398 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.02 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Tgt Ion:139 Resp: 257889
Ion Ratio Lower Upper
139 100
109 70.5 55.8 95.8
65 90.3 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

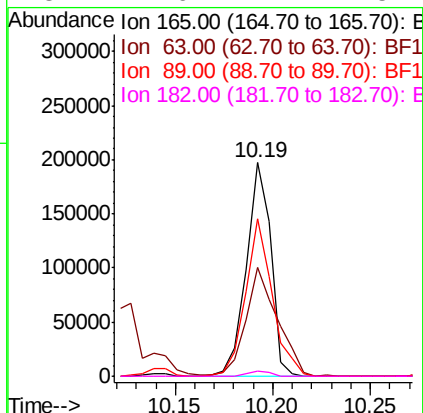
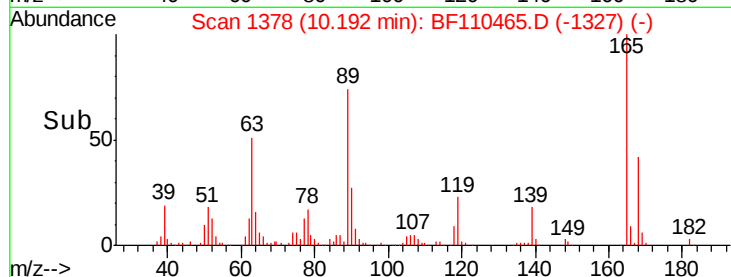
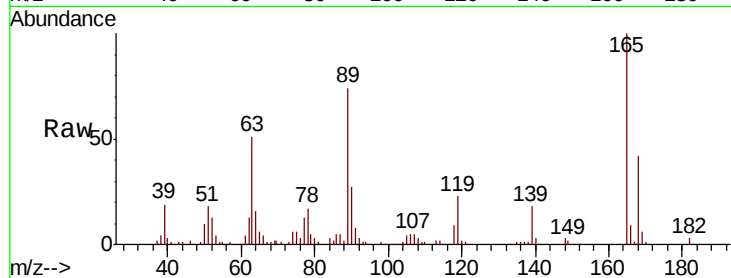




#57
2,4-Dinitrotoluene
Concen: 46.424 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

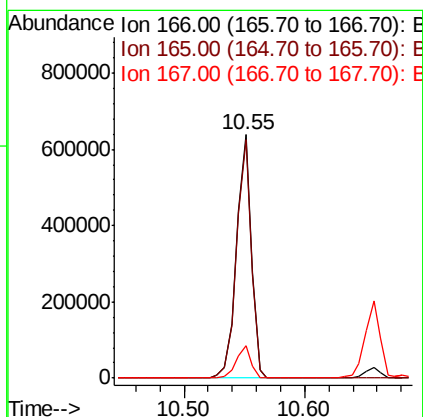
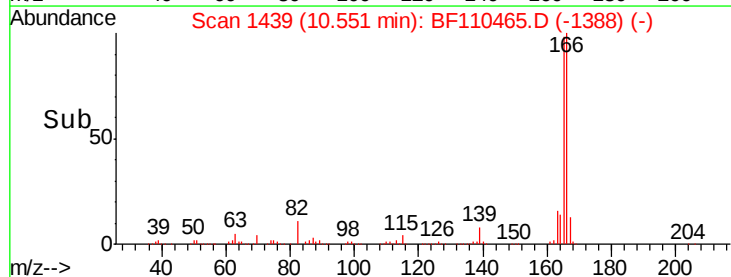
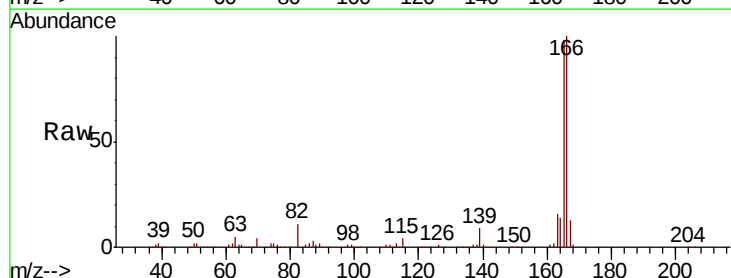
Instrument :
BNA_F
ClientSampled :

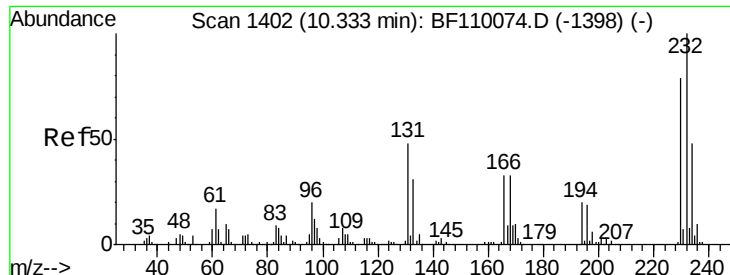
Tot Ion	Ratio	Lower	Upper
165	100		
63	50.8	44.8	67.2
89	73.8	62.2	93.4
182	2.6	2.1	3.1



#58
Fluorene
Concen: 45.550 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.6	117.8
167	13.3	10.8	16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 38.355 ng

RT: 10.28 min Scan# 1393

Delta R.T. -0.04 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 121893

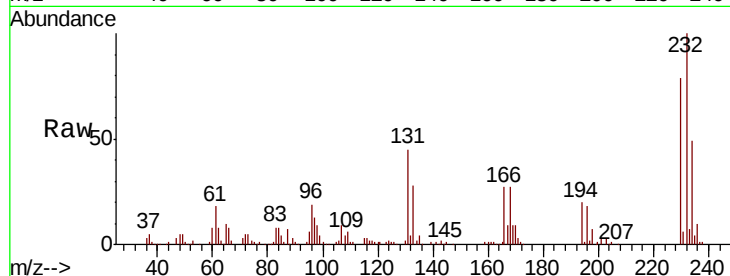
Ion Ratio Lower Upper

232 100

131 44.6 37.0 55.4

130 2.3 1.8 2.6

166 26.9 22.0 33.0

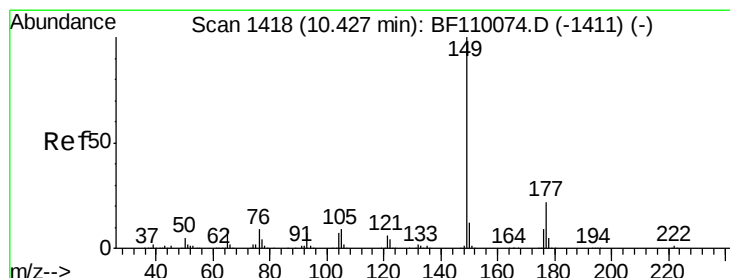
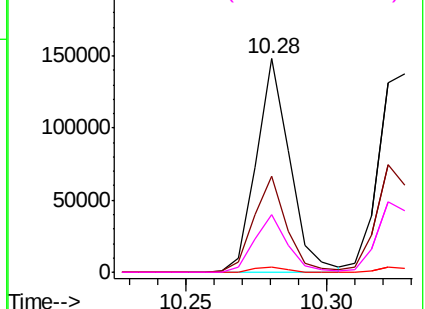
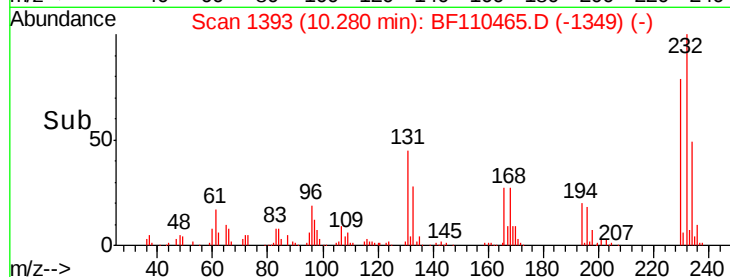


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 43.714 ng

RT: 10.41 min Scan# 1415

Delta R.T. 0.00 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

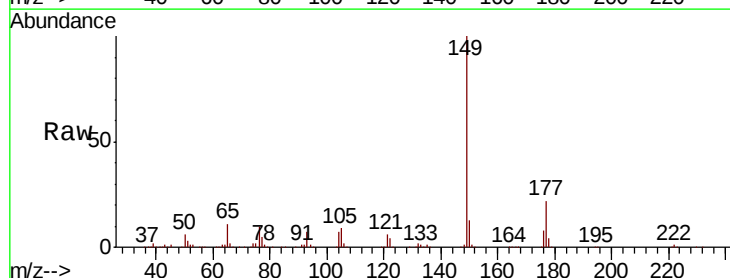
Tgt Ion:149 Resp: 578156

Ion Ratio Lower Upper

149 100

177 21.6 17.4 26.2

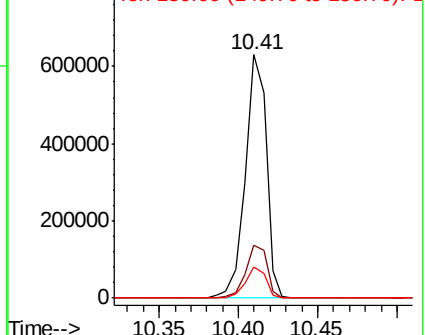
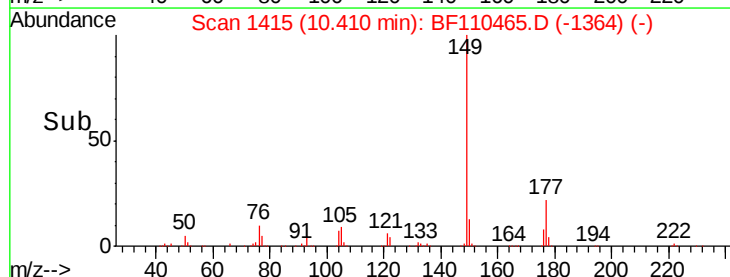
150 12.6 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

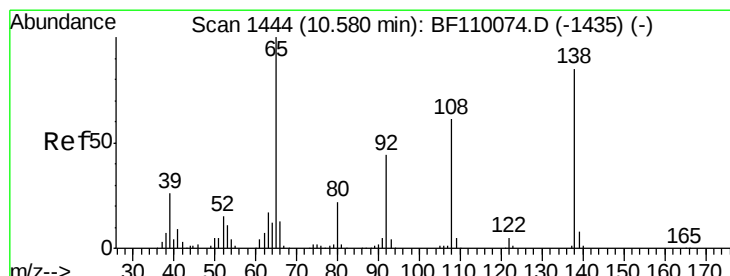
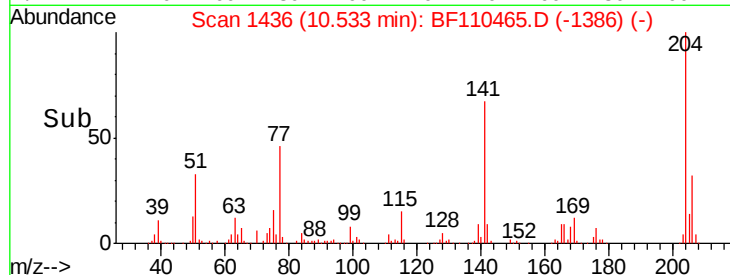
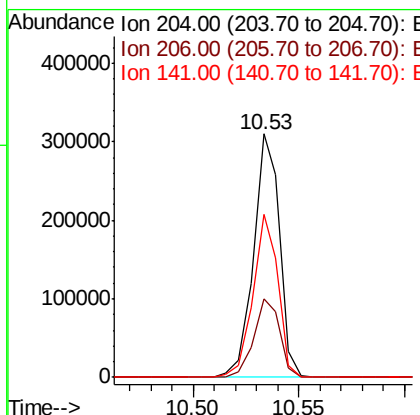
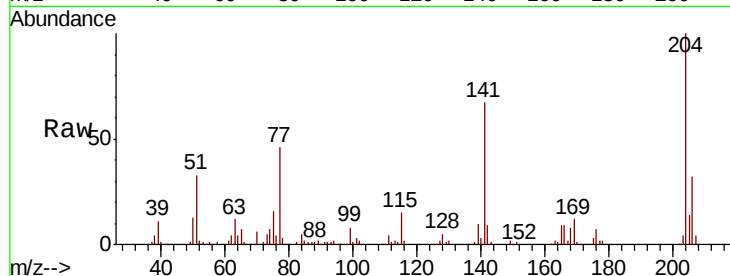




#61
 4-Chlorophenyl-phenylether
 Concen: 41.361 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF110465.D
 Acq: 5 Nov 2018 15:22

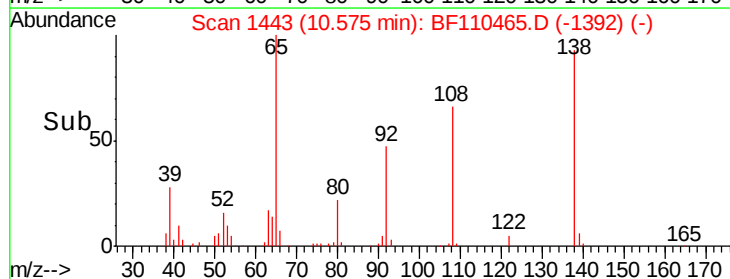
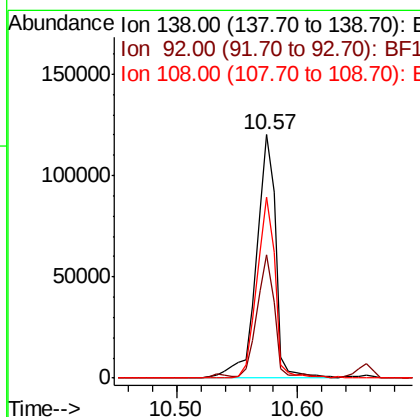
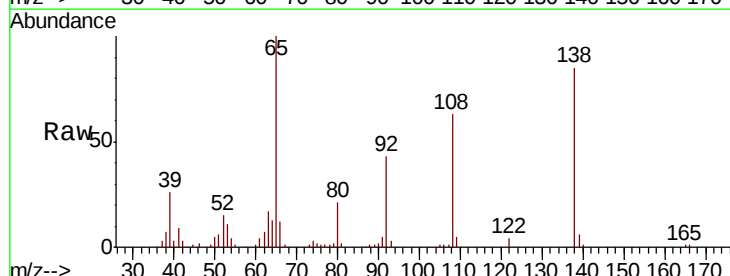
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.5	39.7
141	67.1	51.8	77.8



#62
 4-Nitroaniline
 Concen: 39.004 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: BF110465.D
 Acq: 5 Nov 2018 15:22

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.9	31.7	71.7
108	74.2	59.3	99.3

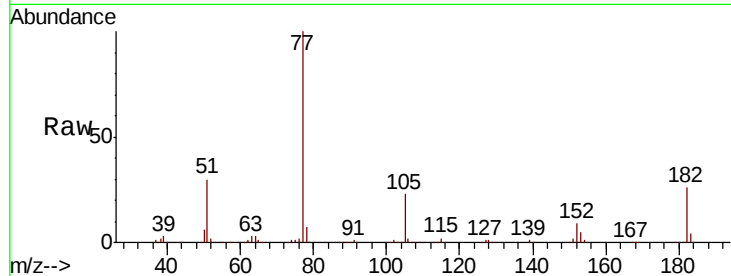




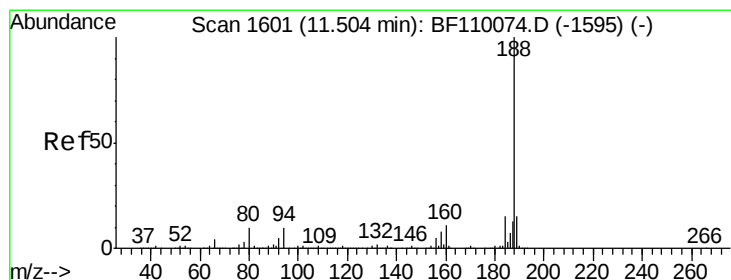
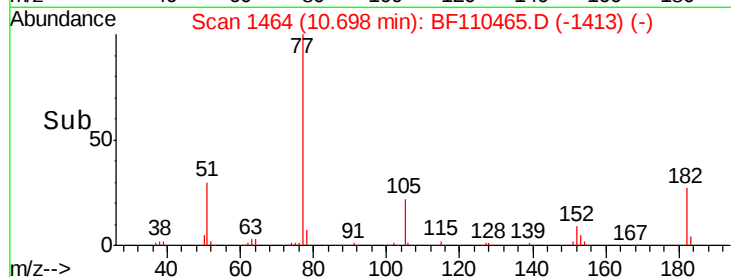
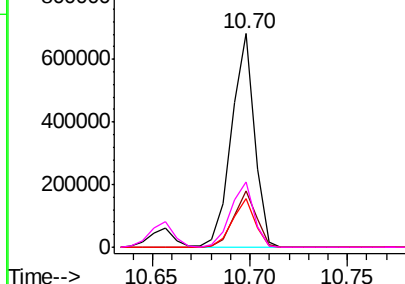
#63
Azobenzene
Concen: 42.336 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:	77	Resp:	555797
Ion	Ratio	Lower	Upper
77	100		
182	26.4	4.3	44.3
105	22.6	1.3	41.3
51	30.5	9.0	49.0

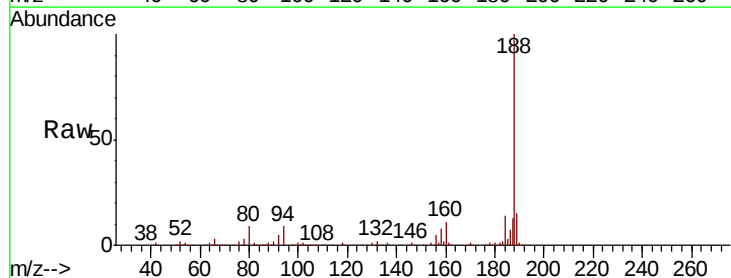


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

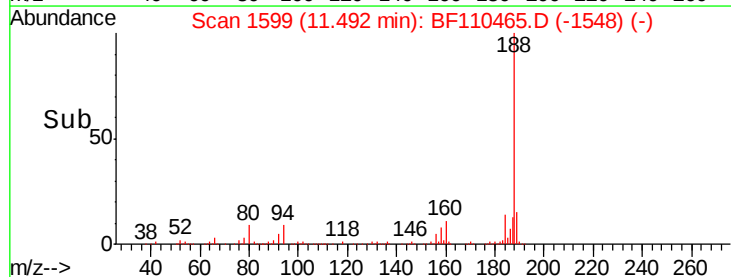
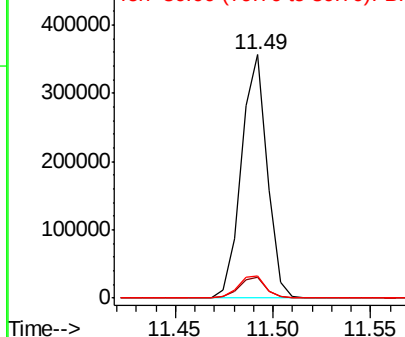


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Tgt Ion:	188	Resp:	326587
Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	9.3	7.9	11.9



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 30.298 ng

RT: 10.60 min Scan# 1448

Delta R.T. 0.00 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

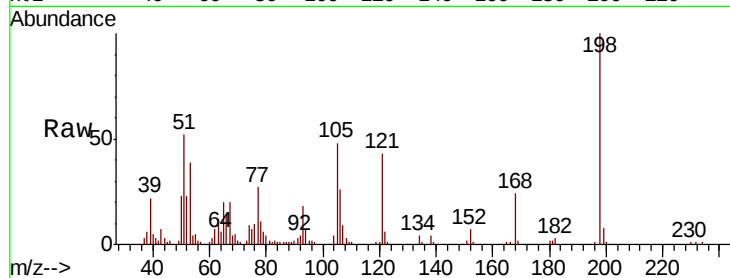
Instrument :

BNA_F

ClientSampleId :

Tot Ion:198 Resp: 45207

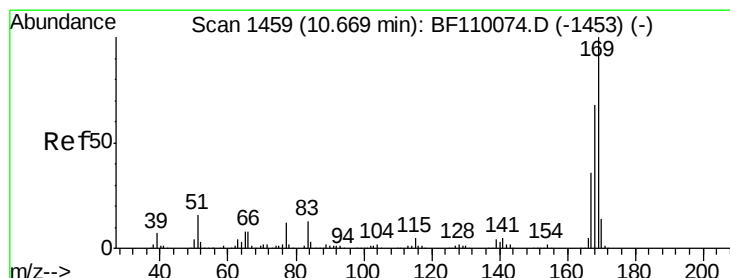
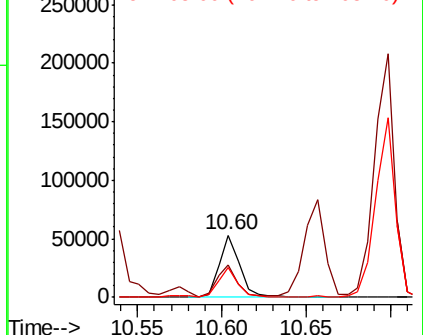
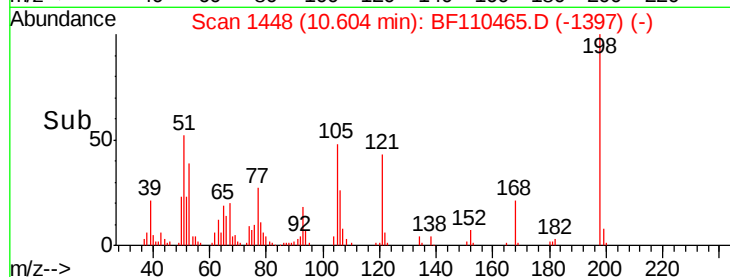
Ion	Ratio	Lower	Upper
198	100		
51	51.6	22.8	62.8
105	47.7	23.6	63.6



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: 45.030 ng

RT: 10.66 min Scan# 1457

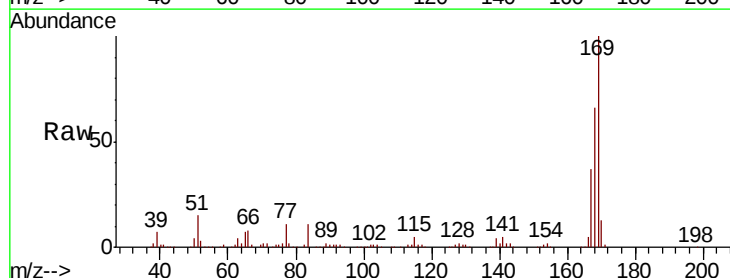
Delta R.T. 0.00 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

Tgt Ion:169 Resp: 482368

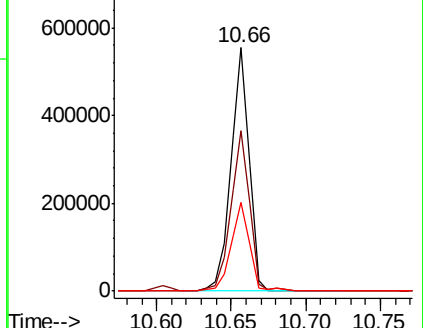
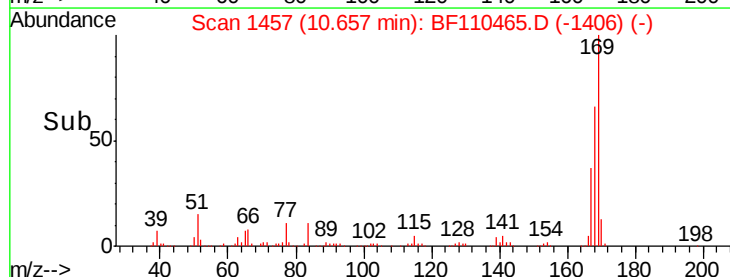
Ion	Ratio	Lower	Upper
169	100		
168	66.1	51.2	76.8
167	36.6	27.8	41.6

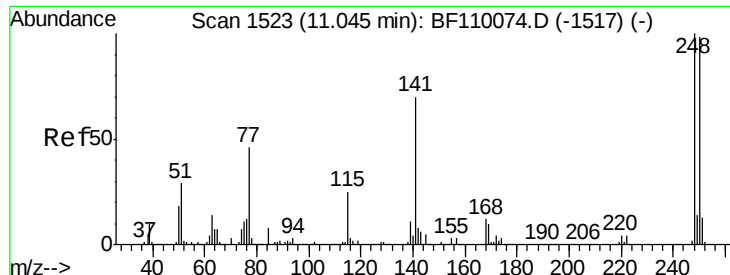


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

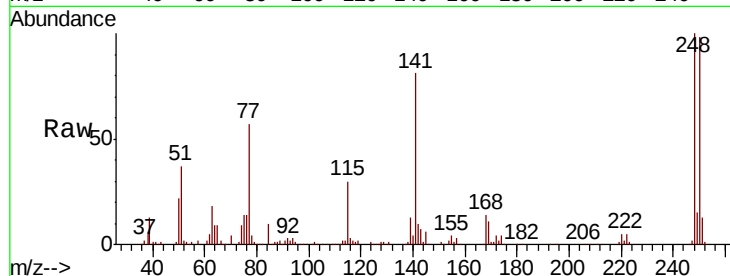




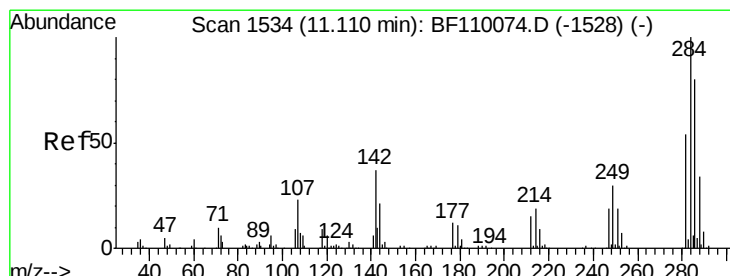
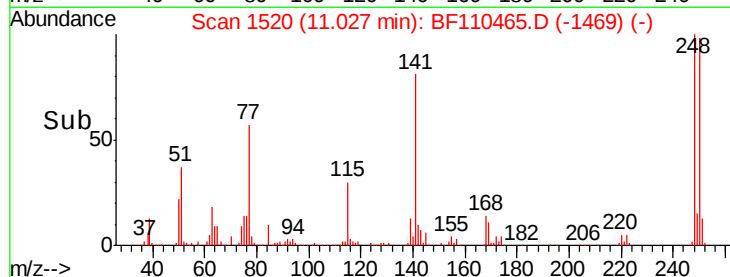
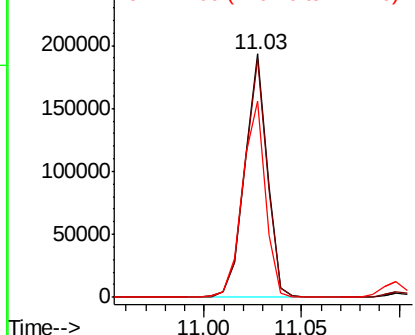
#67
 4-Bromophenyl-phenylether
 Concen: 43.613 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.00 min
 Lab File: BF110465.D
 Acq: 5 Nov 2018 15:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 154499
 Ion Ratio Lower Upper
 248 100
 250 97.7 79.4 119.2
 141 80.6 55.9 83.9

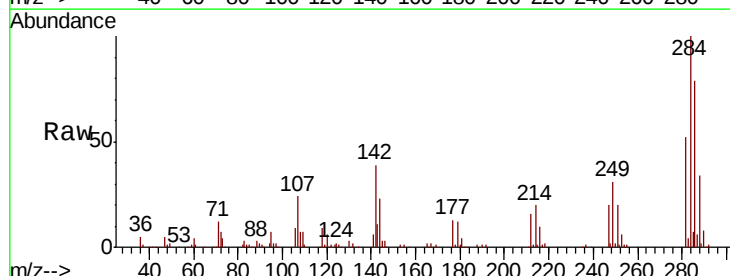


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

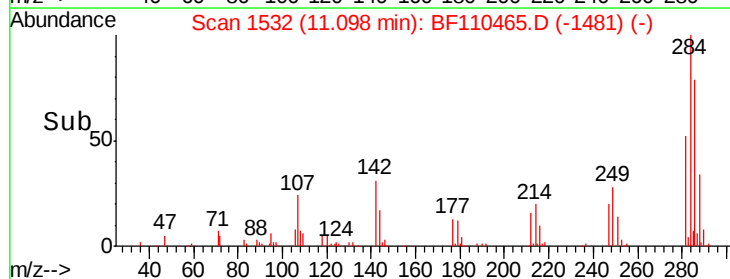
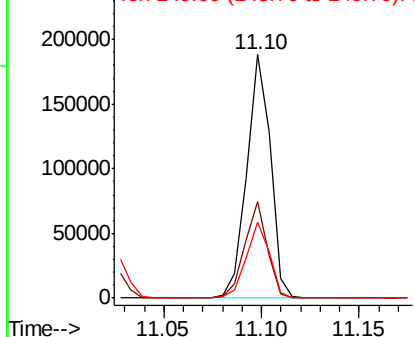


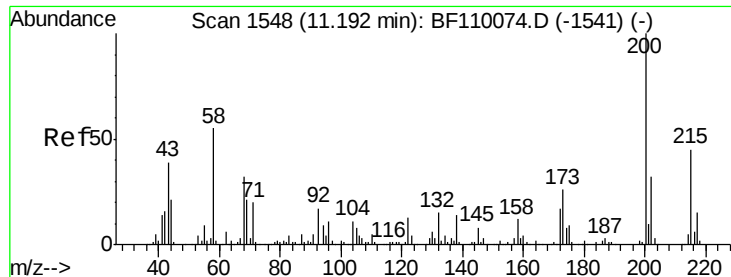
#68
 Hexachlorobenzene
 Concen: 42.186 ng
 RT: 11.10 min Scan# 1532
 Delta R.T. 0.00 min
 Lab File: BF110465.D
 Acq: 5 Nov 2018 15:22

Tgt Ion:284 Resp: 158564
 Ion Ratio Lower Upper
 284 100
 142 39.4 23.9 35.9#
 249 31.4 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

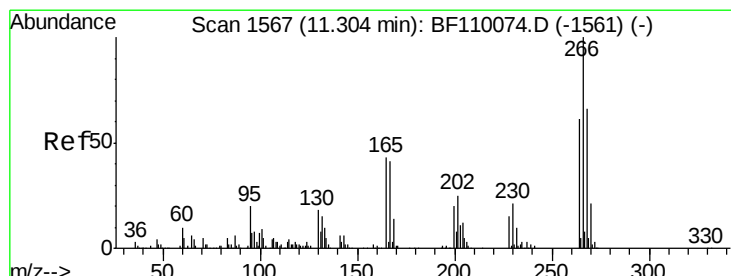
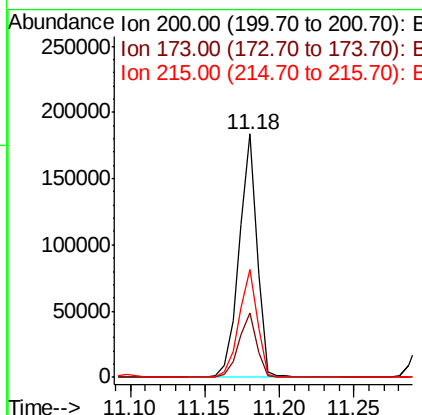
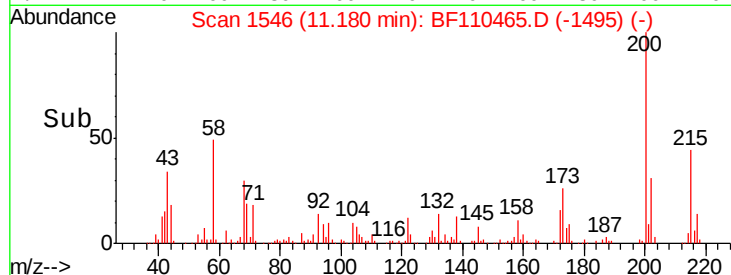
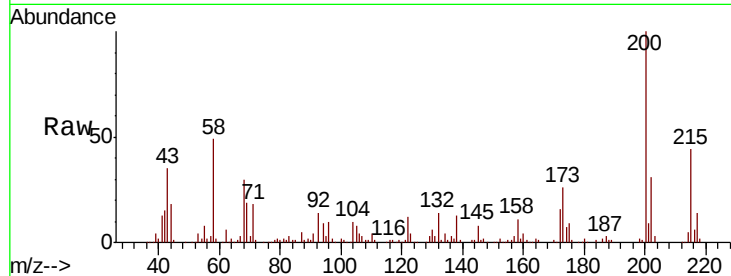




#69
Atrazine
Concen: 45.890 ng
RT: 11.18 min Scan# 1546
Delta R.T. 0.00 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

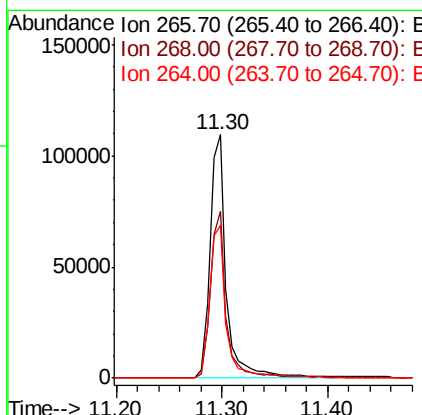
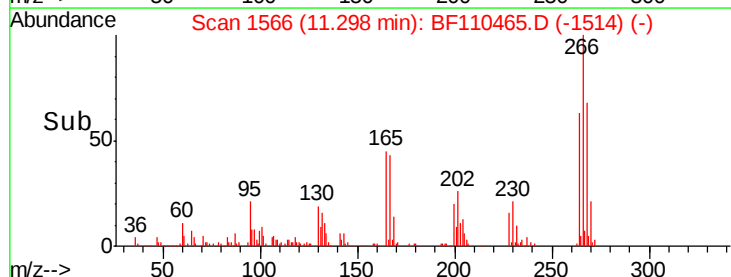
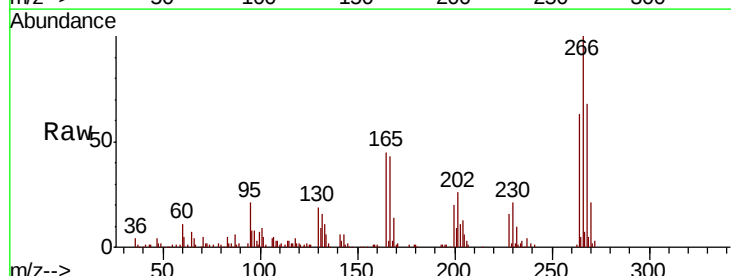
Instrument :
BNA_F
ClientSampled :

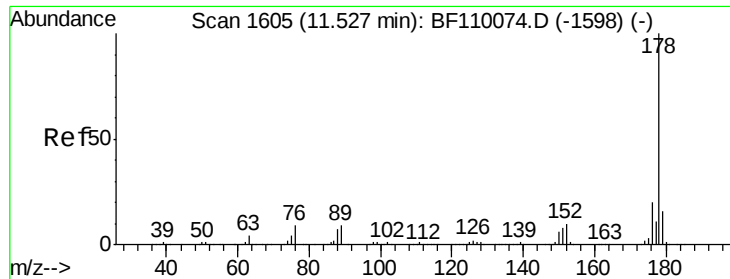
Tot Ion:200 Resp: 155347
Ion Ratio Lower Upper
200 100
173 26.3 6.6 46.6
215 44.2 26.3 66.3



#70
Pentachlorophenol
Concen: 54.460 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.01 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Tgt Ion:266 Resp: 119362
Ion Ratio Lower Upper
266 100
268 68.4 50.6 75.8
264 62.8 50.6 75.8

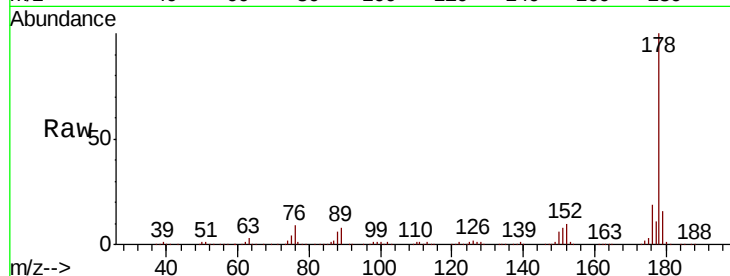




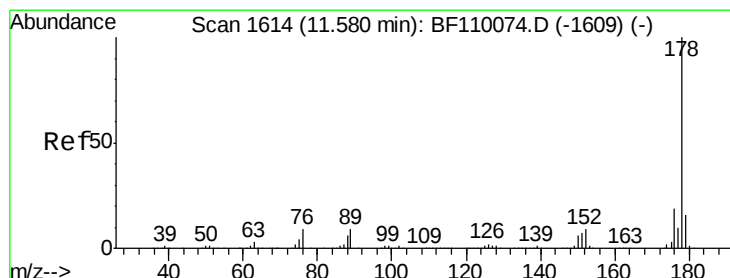
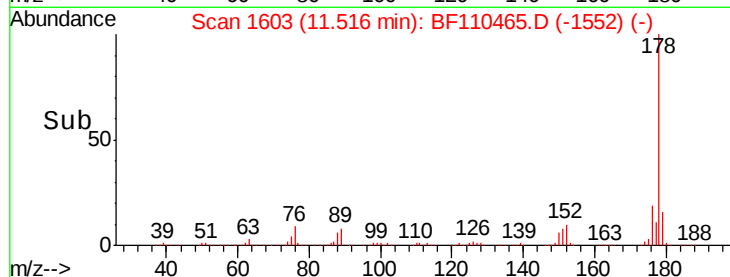
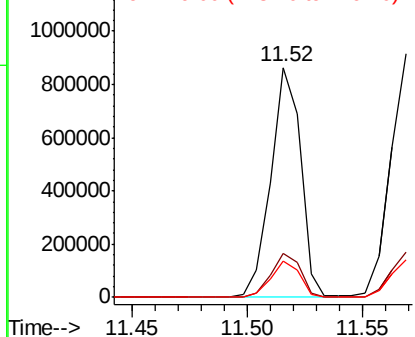
#71
Phenanthrene
Concen: 45.368 ng
RT: 11.52 min Scan# 1603
Delta R.T. 0.00 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 775274
Ion Ratio Lower Upper
178 100
176 19.1 15.5 23.3
179 15.6 12.5 18.7

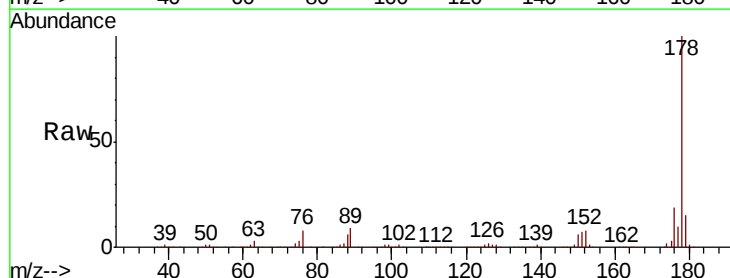


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

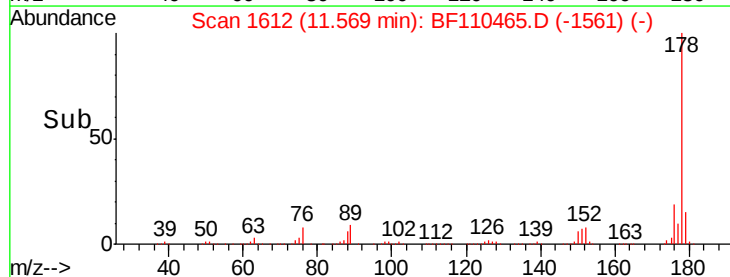
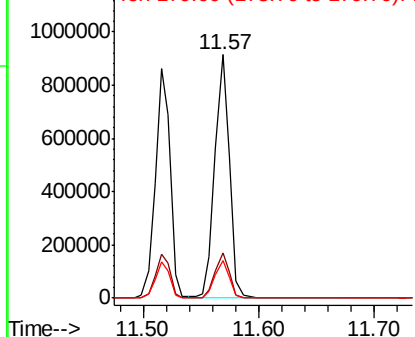


#72
Anthracene
Concen: 46.852 ng
RT: 11.57 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Tgt Ion:178 Resp: 802502
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.5 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: 40.825 ng

RT: 11.72 min Scan# 1638

Delta R.T. 0.00 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

Instrument :

BNA_F

ClientSampled :

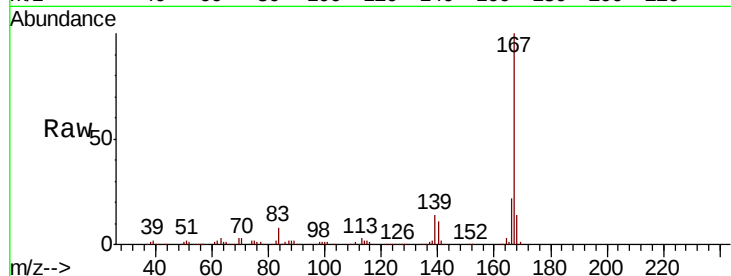
Tot Ion:167 Resp: 682757

Ion Ratio Lower Upper

167 100

166 22.0 17.4 26.0

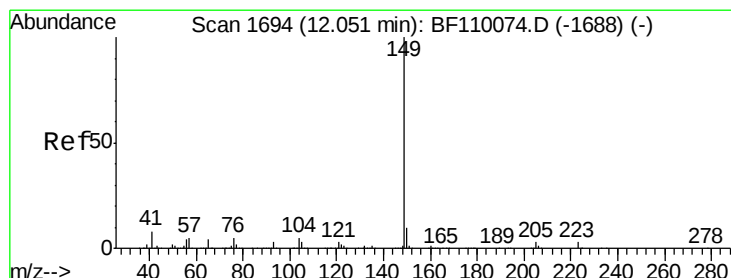
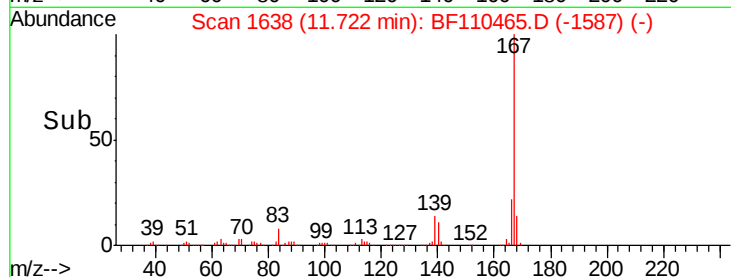
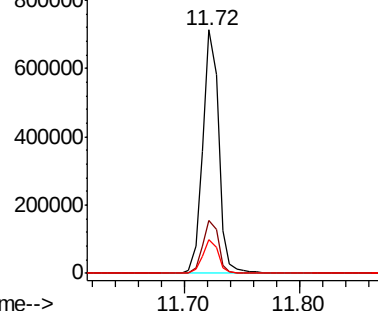
139 13.8 10.9 16.3



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: 44.327 ng

RT: 12.03 min Scan# 1691

Delta R.T. 0.00 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

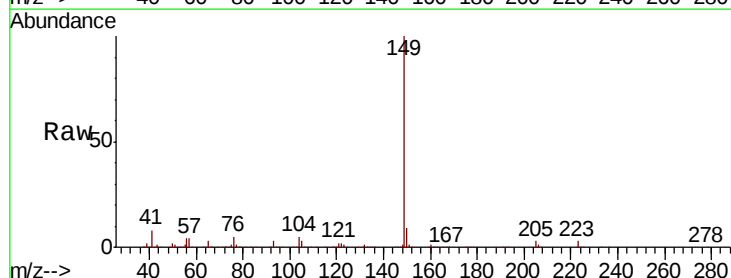
Tgt Ion:149 Resp: 837252

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

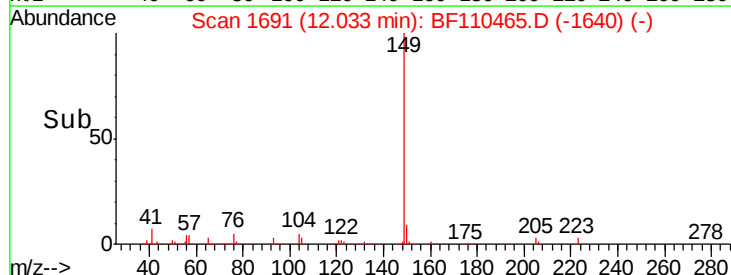
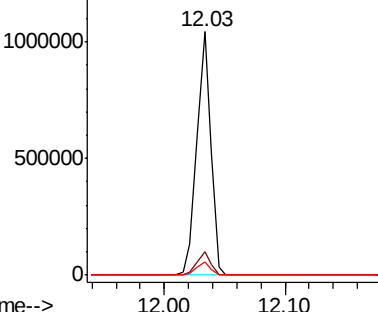
104 5.2 4.2 6.4

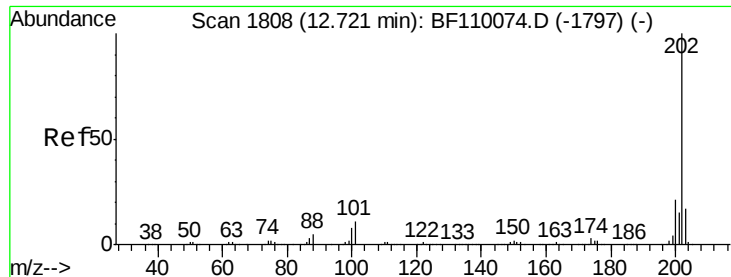


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

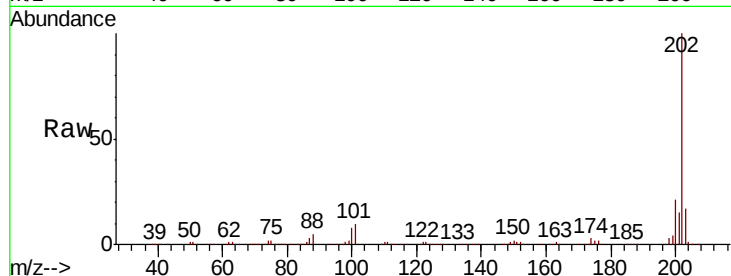




#75
 Fluoranthene
 Concen: 41.384 ng
 RT: 12.71 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: BF110465.D
 Acq: 5 Nov 2018 15:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	31.4
203	17.5	0.0	37.7

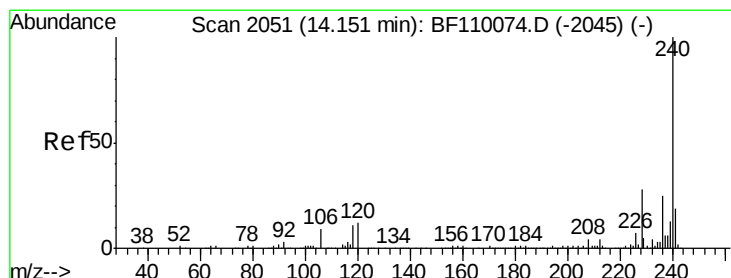
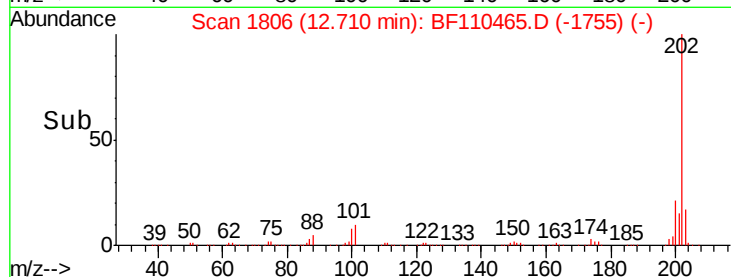
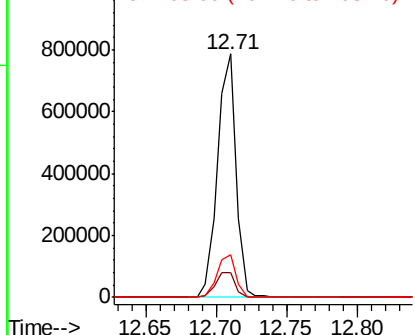


Abundance

Ion 202.00 (201.70 to 202.70): E

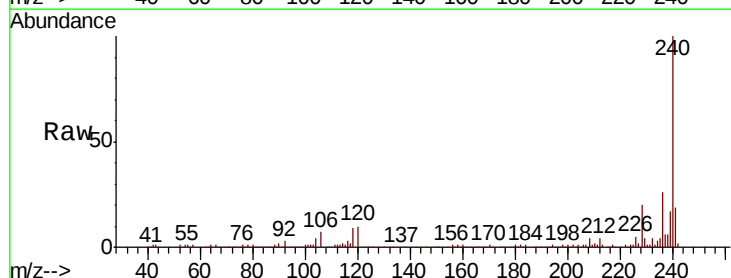
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: BF110465.D
 Acq: 5 Nov 2018 15:22

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.3	12.5
236	25.8	21.2	31.8

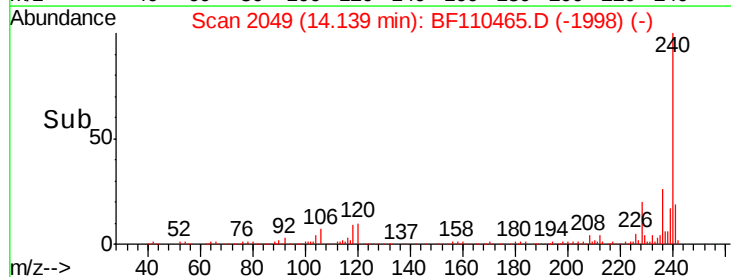
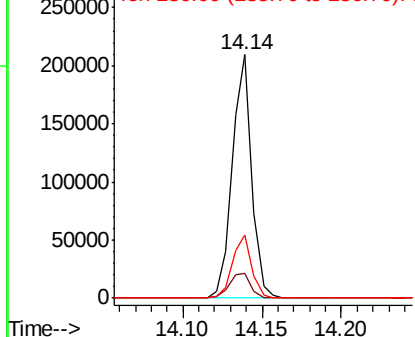


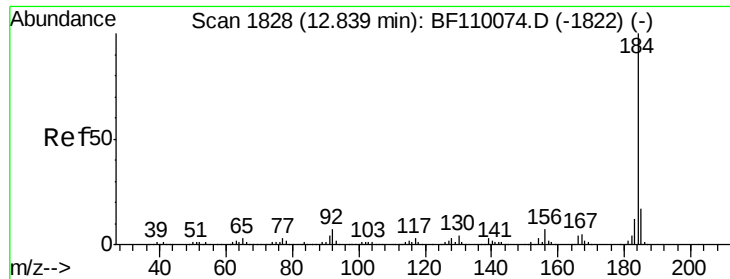
Abundance

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: 39.837 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

Instrument :

BNA_F

ClientSampled :

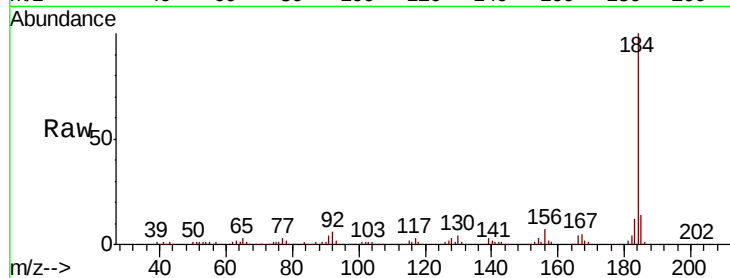
Tot Ion:184 Resp: 208339

Ion	Ratio	Lower	Upper
184	100		
185	14.0	13.4	20.2
183	11.7	9.4	14.2

184 100

185 14.0 13.4 20.2

183 11.7 9.4 14.2

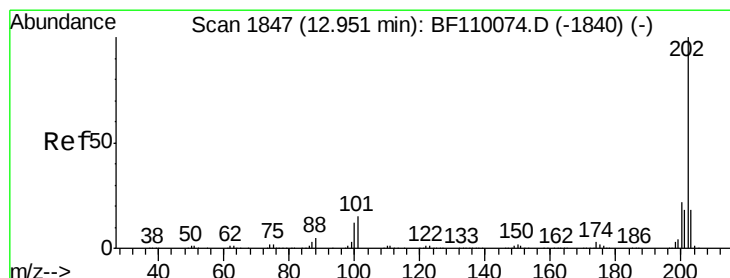
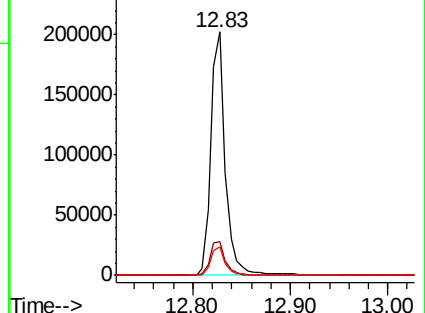
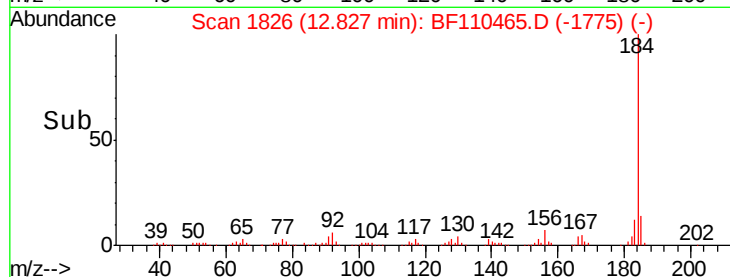


Abundance

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: 54.814 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

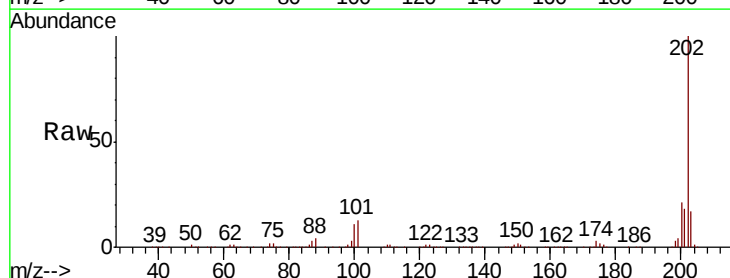
Tgt Ion:202 Resp: 695151

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.8	26.6
203	17.4	14.2	21.4

202 100

200 21.2 17.8 26.6

203 17.4 14.2 21.4

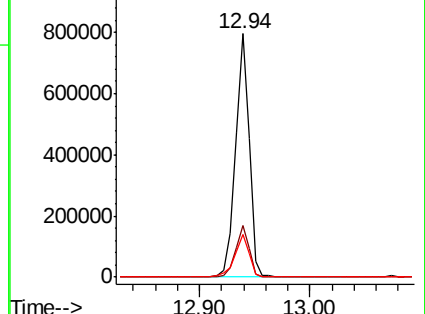
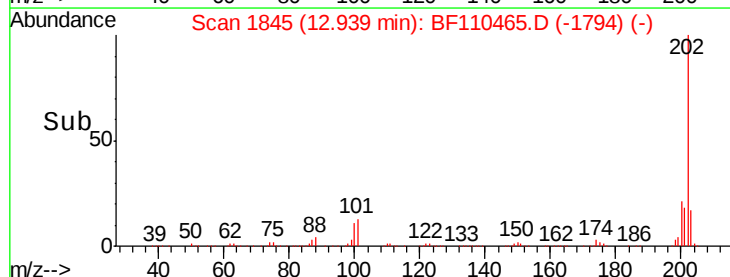


Abundance

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: 121.747 ng

RT: 13.07 min Scan# 1868

Delta R.T. 0.00 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

Instrument :

BNA_F

ClientSampled :

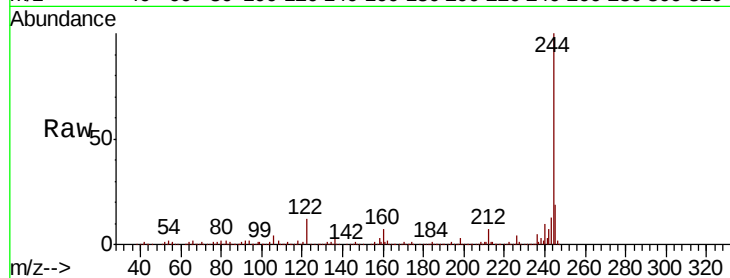
Tot Ion:244 Resp: 1035563

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

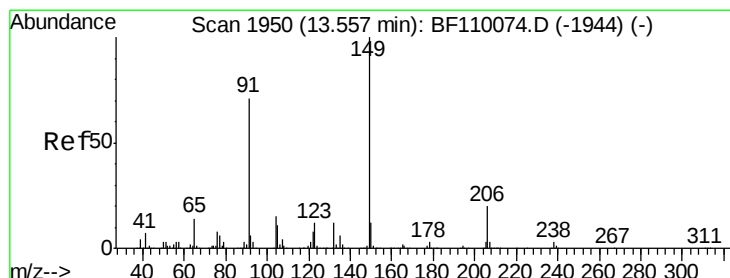
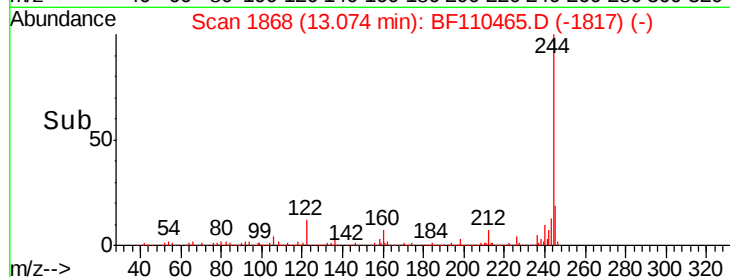
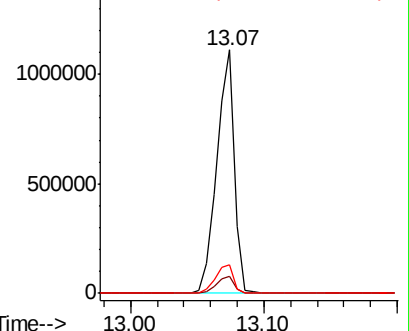
122 11.6 8.7 13.1



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: 52.266 ng

RT: 13.53 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

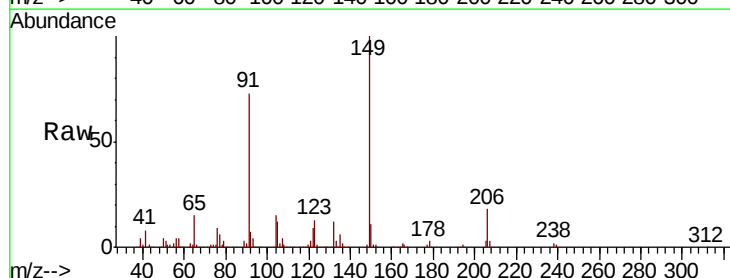
Tgt Ion:149 Resp: 287700

Ion Ratio Lower Upper

149 100

91 73.4 57.2 85.8

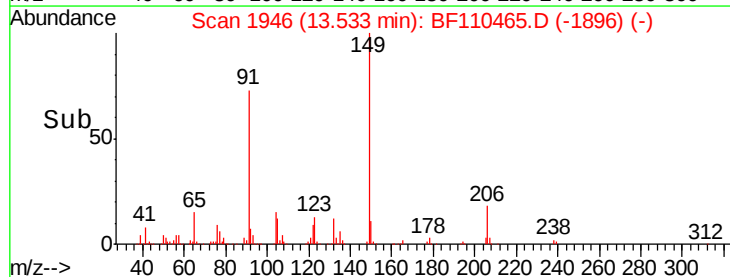
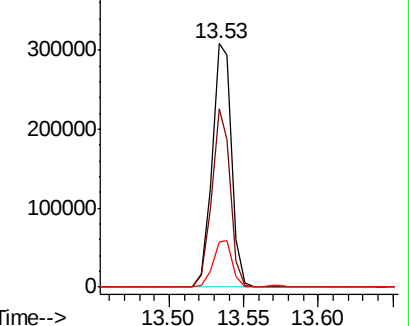
206 18.4 15.7 23.5



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: 46.417 ng

RT: 14.13 min Scan# 2047

Delta R.T. 0.00 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

Instrument :

BNA_F

ClientSampleId :

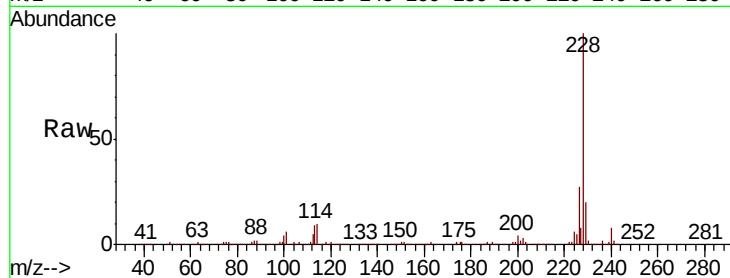
Tot Ion:228 Resp: 486931

Ion Ratio Lower Upper

228 100

226 27.4 22.1 33.1

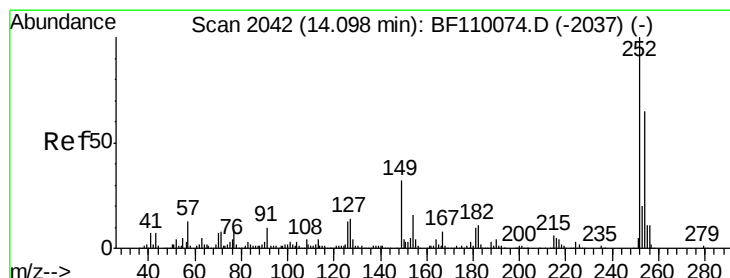
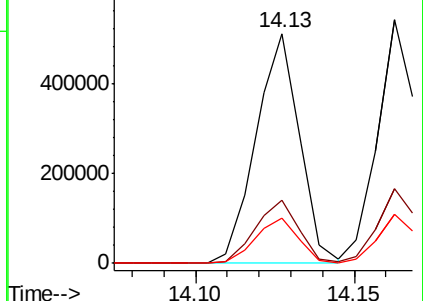
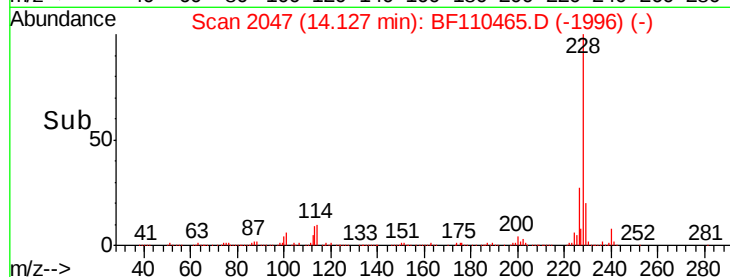
229 19.8 15.6 23.4



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: 23.004 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

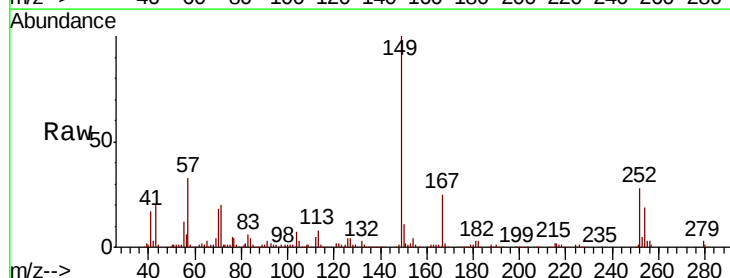
Tgt Ion:252 Resp: 84031

Ion Ratio Lower Upper

252 100

254 66.0 51.3 76.9

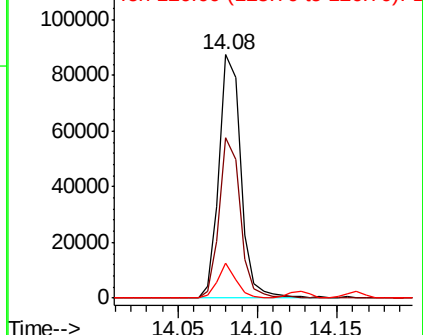
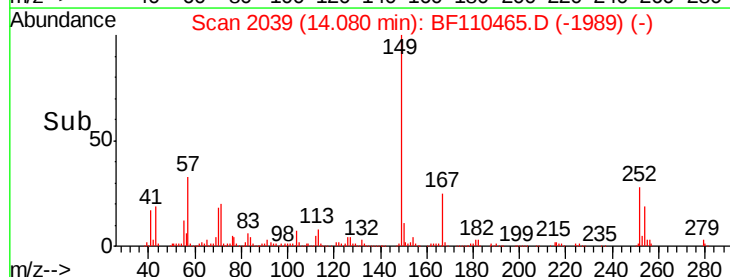
126 14.4 9.4 14.2#

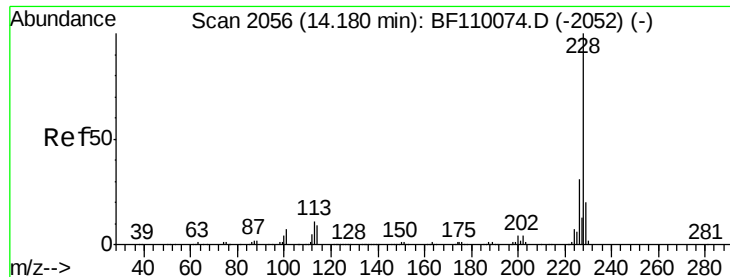


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 45.364 ng

RT: 14.16 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

Instrument :

BNA_F

ClientSampleId :

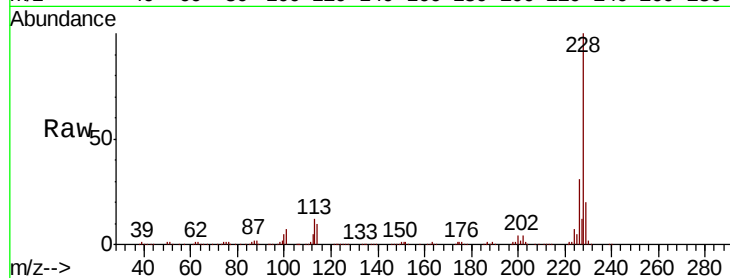
Tot Ion:228 Resp: 452001

Ion Ratio Lower Upper

228 100

226 30.5 24.7 37.1

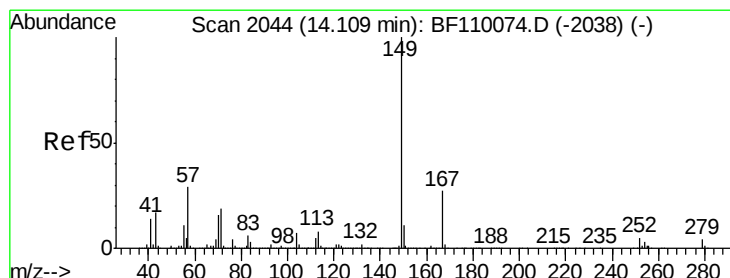
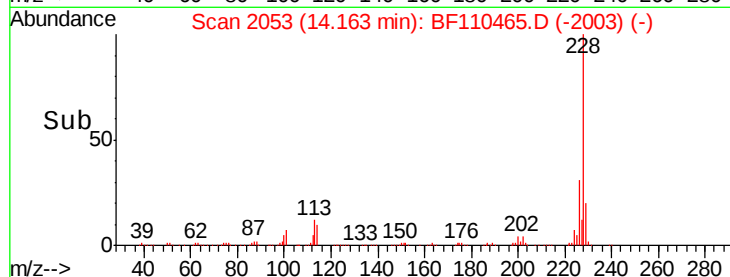
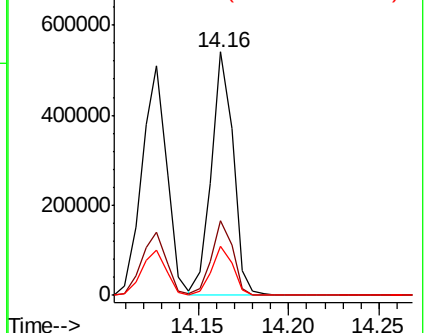
229 20.3 15.9 23.9



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: 49.661 ng

RT: 14.09 min Scan# 2040

Delta R.T. 0.00 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

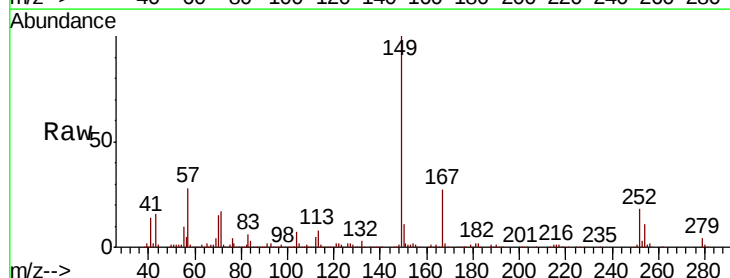
Tgt Ion:149 Resp: 369531

Ion Ratio Lower Upper

149 100

167 26.7 19.8 29.8

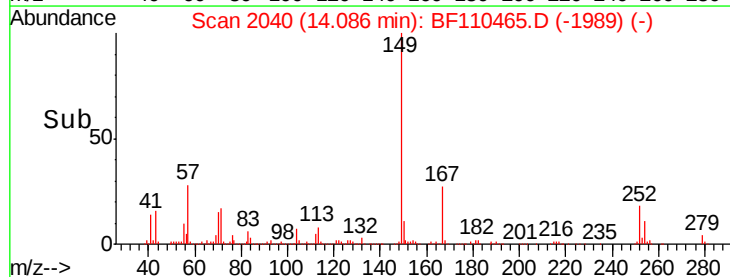
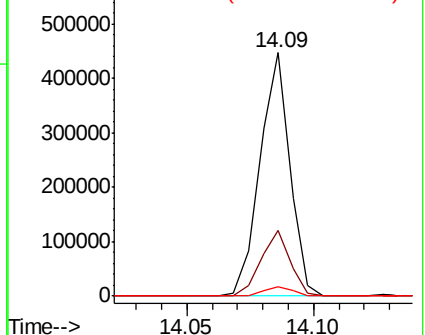
279 3.7 2.7 4.1

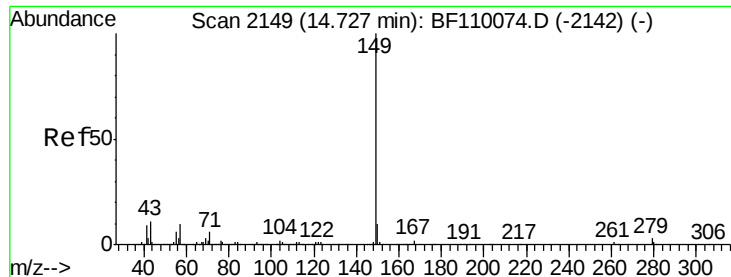


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

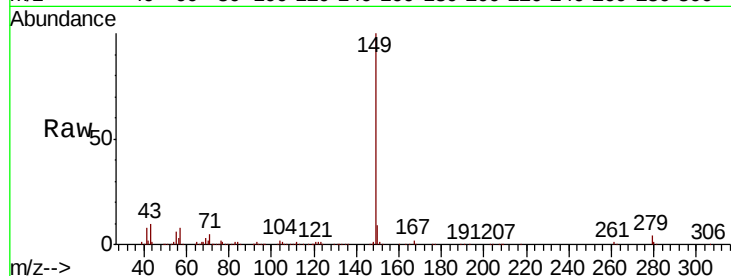




#85
Di-n-octyl phthalate
Concen: 47.062 ng
RT: 14.70 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	10.3	7.8	11.8

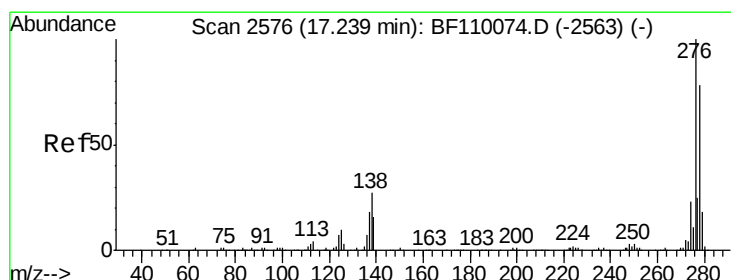
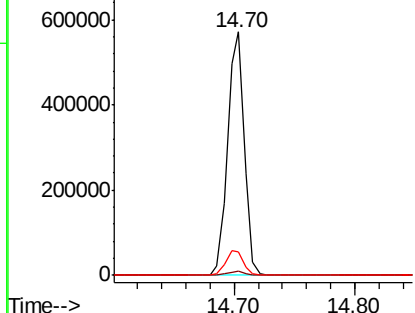
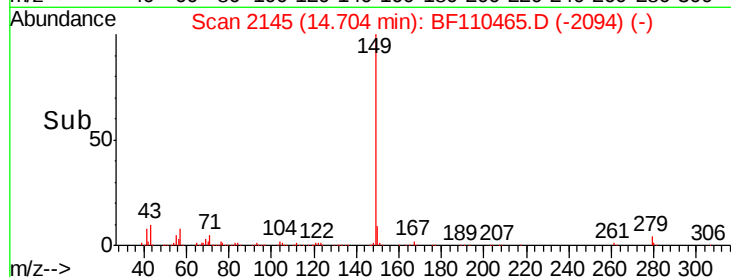


Abundance

Ion 149.00 (148.70 to 149.70): E

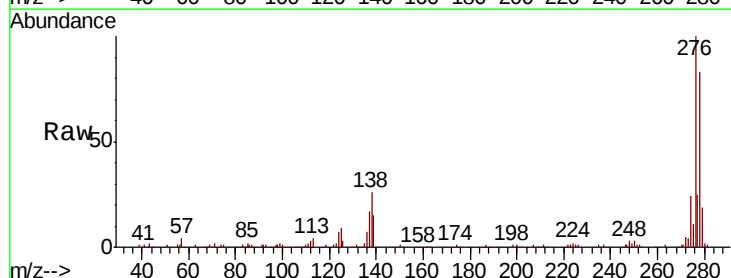
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 59.061 ng
RT: 17.23 min Scan# 2575
Delta R.T. 0.01 min
Lab File: BF110465.D
Acq: 5 Nov 2018 15:22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.3	18.5	27.7
277	25.0	20.0	30.0

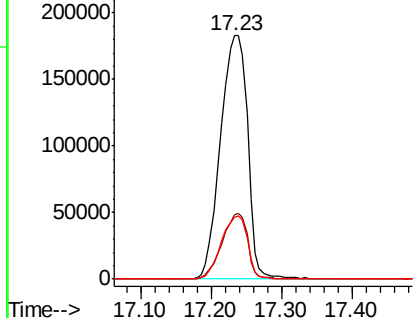
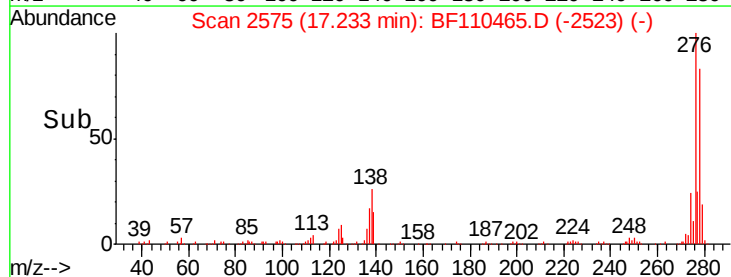


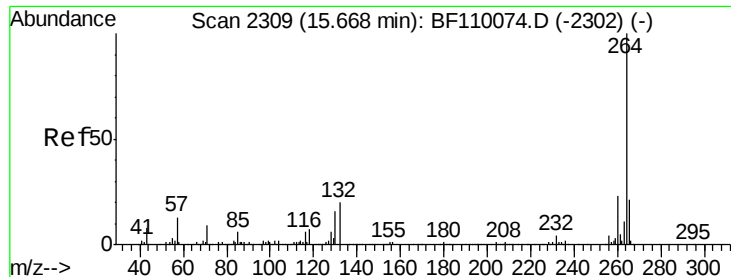
Abundance

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# 2308

Delta R.T. 0.01 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

Instrument :

BNA_F

ClientSampleId :

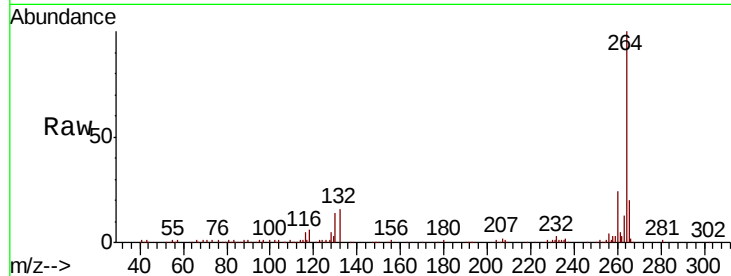
Tot Ion:264 Resp: 160335

Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

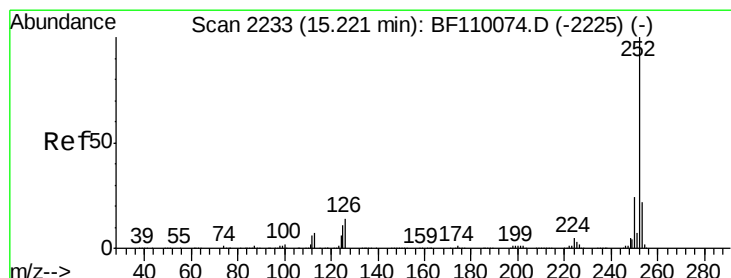
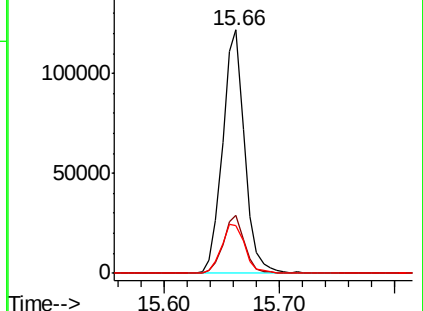
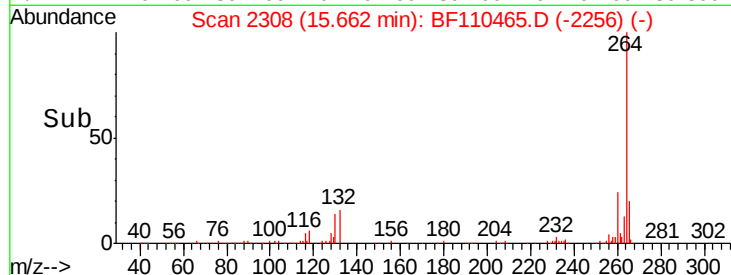
265 19.7 16.7 25.1



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: 46.048 ng

RT: 15.21 min Scan# 2231

Delta R.T. 0.01 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

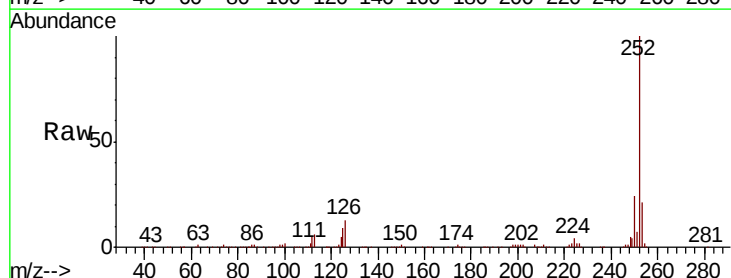
Tgt Ion:252 Resp: 426343

Ion Ratio Lower Upper

252 100

253 21.4 17.2 25.8

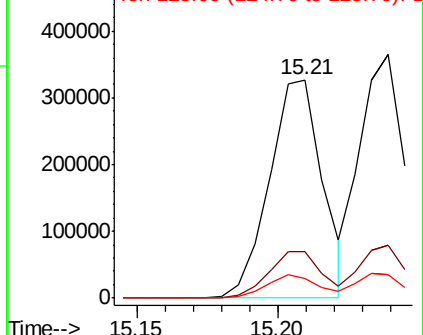
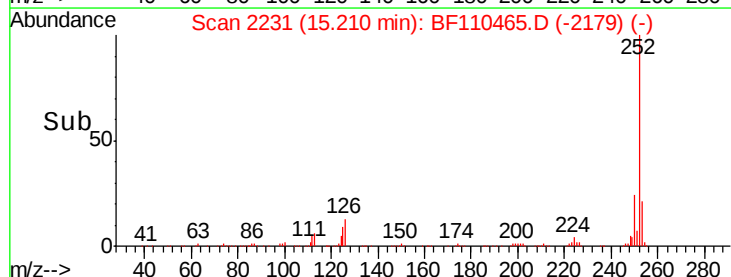
125 9.2 8.2 12.4

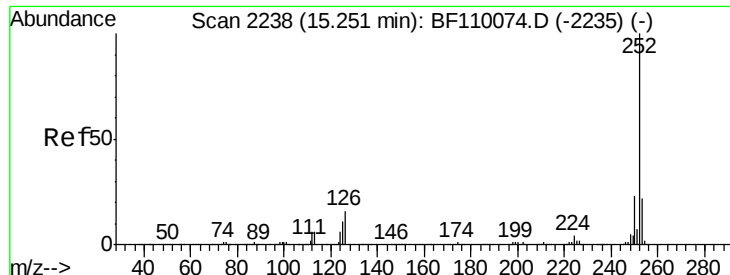


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 43.763 ng

RT: 15.24 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

Instrument :

BNA_F

ClientSampleId :

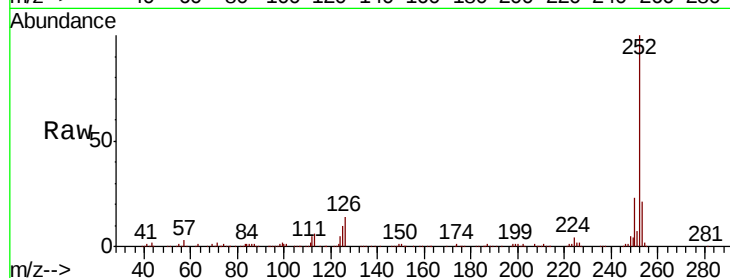
Tot Ion:252 Resp: 398344

Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

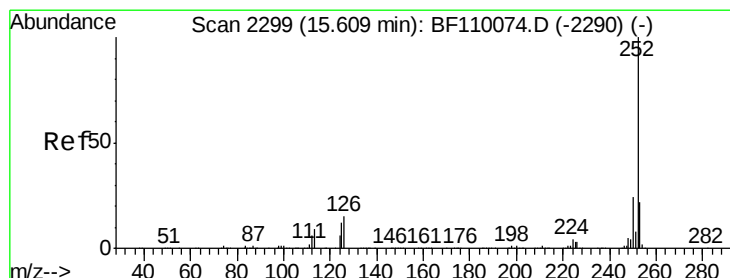
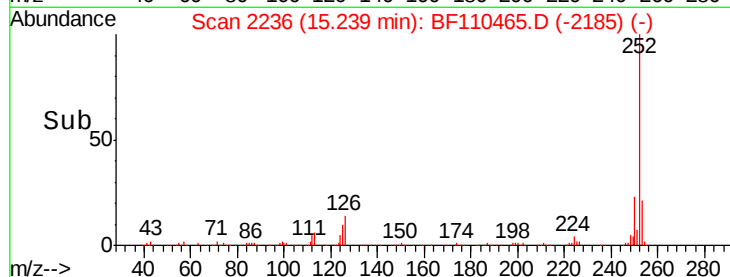
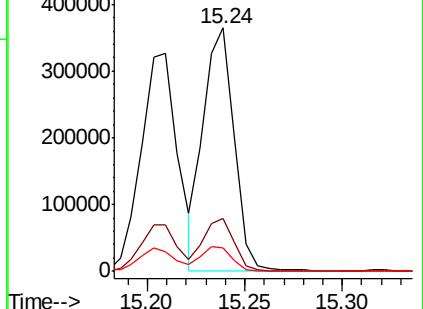
125 9.8 7.4 11.0



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



#90

Benzo(a)pyrene

Concen: 47.499 ng

RT: 15.60 min Scan# 2297

Delta R.T. 0.01 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

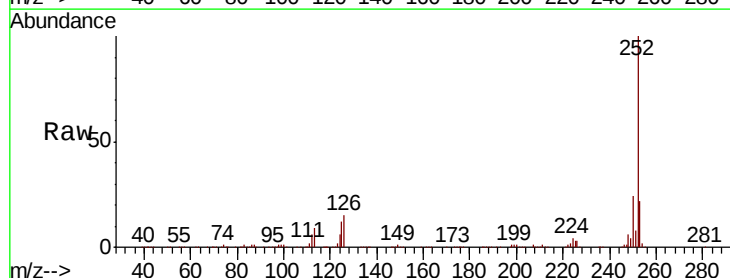
Tgt Ion:252 Resp: 404672

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.4

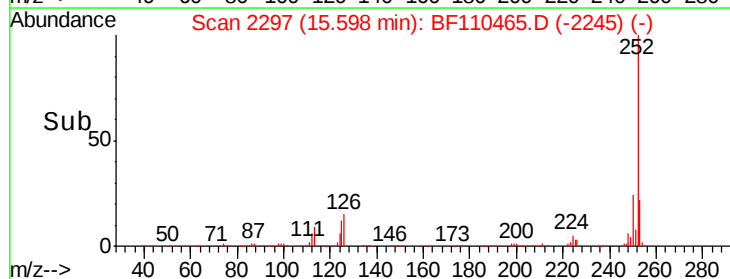
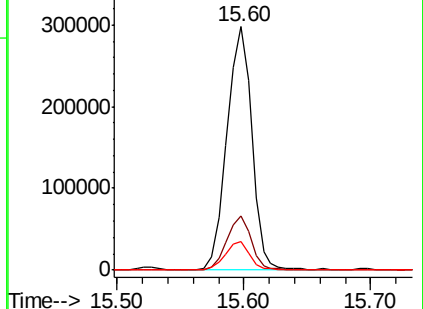
125 11.8 9.0 13.6

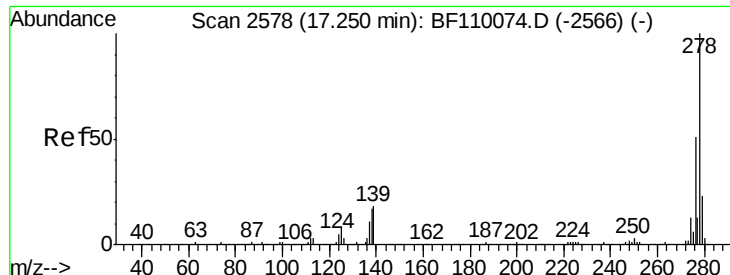


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 55.202 ng

RT: 17.24 min Scan# 2577

Delta R.T. 0.01 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

Instrument :

BNA_F

ClientSampleId :

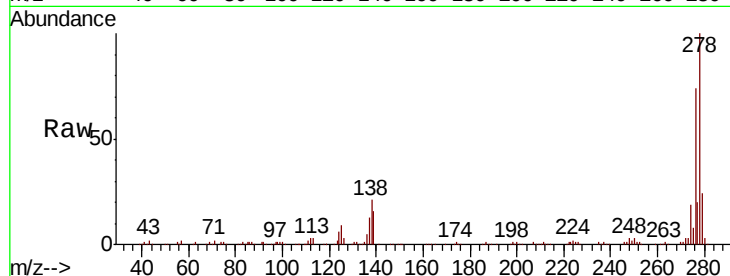
Tot Ion:278 Resp: 405795

Ion Ratio Lower Upper

278 100

139 15.9 12.7 19.1

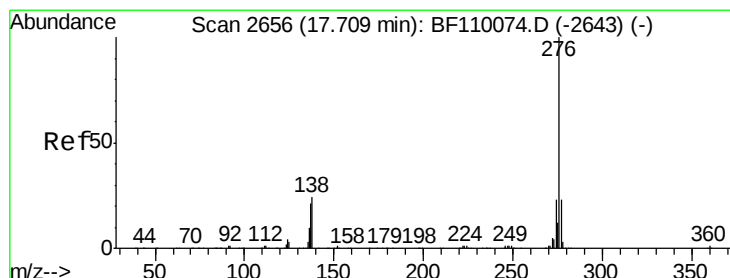
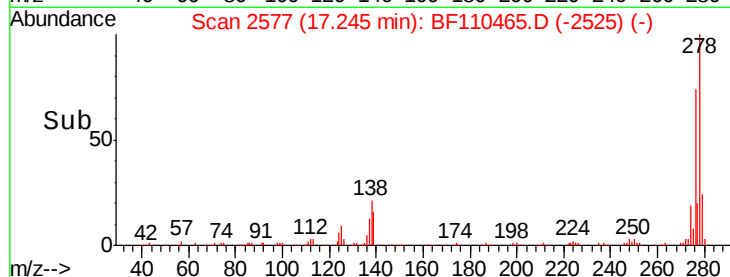
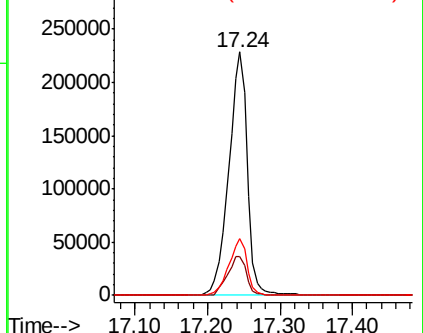
279 23.6 19.0 28.4



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: 56.296 ng

RT: 17.72 min Scan# 2657

Delta R.T. 0.01 min

Lab File: BF110465.D

Acq: 5 Nov 2018 15:22

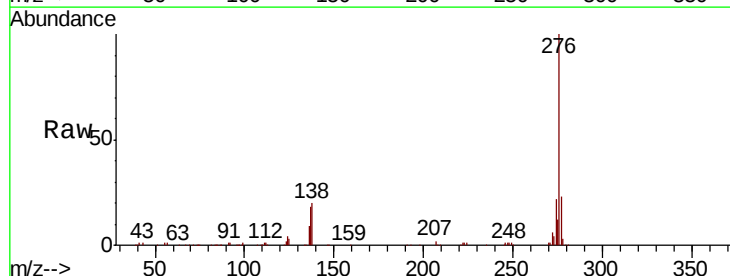
Tgt Ion:276 Resp: 407800

Ion Ratio Lower Upper

276 100

277 23.2 18.8 28.2

138 19.9 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

