

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102318\
 Data File : BF110095.D
 Acq On : 23 Oct 2018 23:22
 Operator : JU/SJ
 Sample : J5164-08
 Misc : L00 20PPM
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 24 02:57:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	151226	20.00	ng	-0.02
21) Naphthalene-d8	8.25	136	644500	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	307137	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	587243	20.00	ng	-0.02
76) Chrysene-d12	14.14	240	477470	20.00	ng	-0.02
87) Perylene-d12	15.66	264	384762	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	1227355	132.17	ng	-0.01
7) Phenol-d6	6.59	99	1536711	129.37	ng	-0.02
23) Nitrobenzene-d5	7.53	82	888301	81.75	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	395825	130.10	ng	-0.01
45) 2-Fluorobiphenyl	9.32	172	1623392	83.00	ng	-0.02
79) Terphenyl-d14	13.09	244	1659064	72.26	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.85	88	82114	16.877	ng	90
3) Pyridine	3.64	79	221076	20.400	ng	88
4) n-Nitrosodimethylamine	3.56	42	97454	21.465	ng	# 93
6) Aniline	6.63	93	289818	18.730	ng	# 53
8) 2-Chlorophenol	6.75	128	214759	20.059	ng	98
9) Benzaldehyde	6.52	77	139119	17.039	ng	97
10) Phenol	6.60	94	253639	19.977	ng	# 64
11) bis(2-Chloroethyl)ether	6.70	93	206978	19.814	ng	95
12) 1,3-Dichlorobenzene	6.90	146	234989	19.944	ng	99
13) 1,4-Dichlorobenzene	6.98	146	238870	20.046	ng	98
14) 1,2-Dichlorobenzene	7.13	146	223973	20.247	ng	100
15) Benzyl Alcohol	7.10	79	189121	20.701	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.23	45	343787	20.584	ng	68
17) 2-Methylphenol	7.20	107	177364	20.786	ng	# 81
18) Hexachloroethane	7.47	117	87180	19.983	ng	93
19) n-Nitroso-di-n-propylamine	7.37	70	152253	19.980	ng	96
20) 3+4-Methylphenols	7.36	107	231662	21.004	ng	94
22) Acetophenone	7.37	105	306895	20.665	ng	98
24) Nitrobenzene	7.55	77	228120	20.334	ng	94
25) Isophorone	7.78	82	416603	22.492	ng	95
26) 2-Nitrophenol	7.86	139	104399	19.556	ng	97
27) 2,4-Dimethylphenol	7.89	122	199293	22.517	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	264449	21.017	ng	100
29) 2,4-Dichlorophenol	8.10	162	183755	20.550	ng	98
30) 1,2,4-Trichlorobenzene	8.19	180	196082	19.577	ng	96
31) Naphthalene	8.27	128	650083	21.885	ng	99
32) Benzoic acid	7.97	122	98823	14.446	ng	95
33) 4-Chloroaniline	8.32	127	231878	17.345	ng	96
34) Hexachlorobutadiene	8.38	225	108594	19.527	ng	99
35) Caprolactam	8.67	113	57178	18.346	ng	91
36) 4-Chloro-3-methylphenol	8.79	107	193992	20.062	ng	94
37) 2-Methylnaphthalene	8.96	142	447553	22.772	ng	97
38) 1-Methylnaphthalene	9.06	142	424125	22.331	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	187951	19.640	ng	99

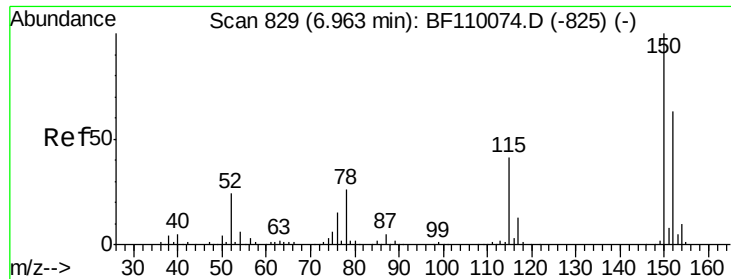
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102318\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.11	237	112235	22.936	ng	99
43) 2,4,6-Trichlorophenol	9.23	196	121240	19.642	ng	95
44) 2,4,5-Trichlorophenol	9.27	196	130925	20.067	ng	94
46) 1,1'-Biphenyl	9.42	154	543478	19.568	ng	99
47) 2-Chloronaphthalene	9.45	162	416869	20.462	ng	100
48) 2-Nitroaniline	9.55	65	124944	20.238	ng	91
49) Acenaphthylene	9.87	152	647375	22.000	ng	98
50) Dimethylphthalate	9.72	163	467714	20.629	ng	98
51) 2,6-Dinitrotoluene	9.79	165	103890	21.273	ng	86
52) Acenaphthene	10.04	154	413620	21.247	ng	98
53) 3-Nitroaniline	9.96	138	95761	16.489	ng	87
54) 2,4-Dinitrophenol	10.06	184	31683	20.464	ng	90
55) Dibenzofuran	10.21	168	572956	21.022	ng	98
56) 4-Nitrophenol	10.10	139	89687	20.866	ng	92
57) 2,4-Dinitrotoluene	10.19	165	136497	22.005	ng	92
58) Fluorene	10.56	166	448619	22.116	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.29	232	101512	19.088	ng	97
60) Diethylphthalate	10.42	149	460690	20.816	ng	99
61) 4-Chlorophenyl-phenylether	10.55	204	216781	20.258	ng	98
62) 4-Nitroaniline	10.57	138	115296	19.960	ng	91
63) Azobenzene	10.70	77	470387	21.412	ng	98
65) 4,6-Dinitro-2-methylphenol	10.60	198	45953	17.128	ng	97
66) n-Nitrosodiphenylamine	10.66	169	399683	20.750	ng	97
67) 4-Bromophenyl-phenylether	11.04	248	128978	20.248	ng	98
68) Hexachlorobenzene	11.10	284	135835	20.098	ng	94
69) Atrazine	11.19	200	129522	21.278	ng	98
70) Pentachlorophenol	11.30	266	62135	15.766	ng	96
71) Phenanthrene	11.52	178	683583	22.247	ng	100
72) Anthracene	11.57	178	705413	22.904	ng	99
73) Carbazole	11.73	167	611504	20.335	ng	100
74) Di-n-butylphthalate	12.05	149	726183	21.381	ng	98
75) Fluoranthene	12.72	202	695325	22.297	ng	99
77) Benzidine	12.83	184	213355	11.571	ng	98
78) Pyrene	12.94	202	697220	20.368	ng	99
80) Butylbenzylphthalate	13.55	149	300174	20.204	ng	98
81) Benzo(a)anthracene	14.13	228	606681	21.426	ng	98
82) 3,3'-Dichlorobenzidine	14.09	252	159829	16.210	ng	99
83) Chrysene	14.17	228	579279	21.540	ng	100
84) Bis(2-ethylhexyl)phthalate	14.10	149	419639	20.894	ng	97
85) Di-n-octyl phthalate	14.73	149	668006	21.390	ng	98
86) Indeno(1,2,3-cd)pyrene	17.22	276	445717	19.978	ng	# 95
88) Benzo(b)fluoranthene	15.21	252	516683	23.255	ng	98
89) Benzo(k)fluoranthene	15.24	252	479545	21.954	ng	99
90) Benzo(a)pyrene	15.60	252	451238	22.071	ng	97
91) Dibenzo(a,h)anthracene	17.23	278	372461	21.114	ng	97
92) Benzo(g,h,i)perylene	17.69	276	359807	20.698	ng	97

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

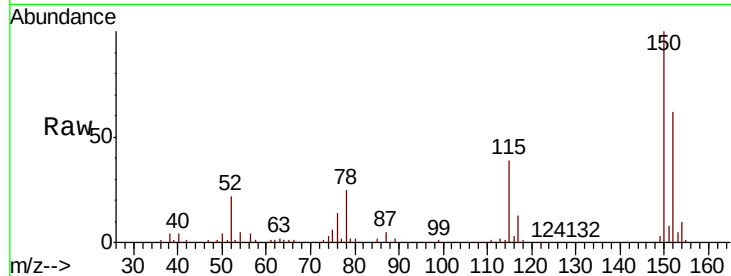


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	122.7	184.1
115	62.2	49.1	73.7

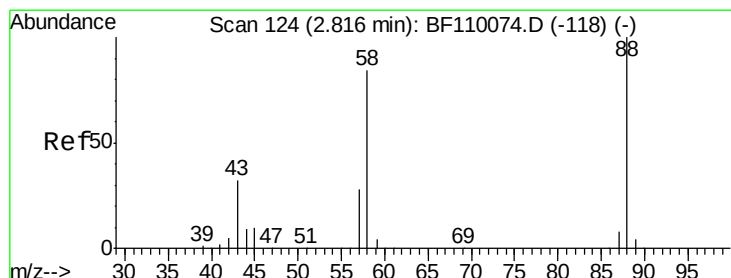
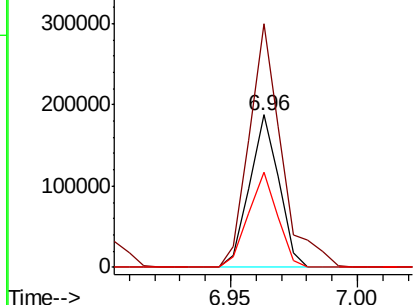
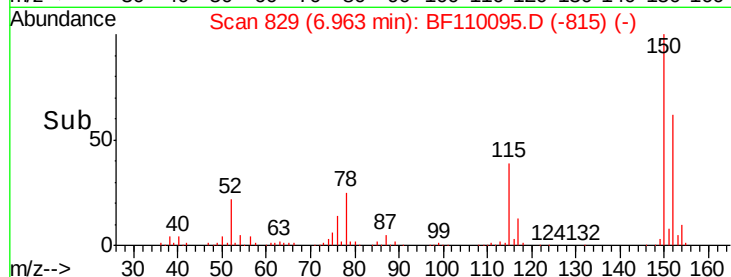


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

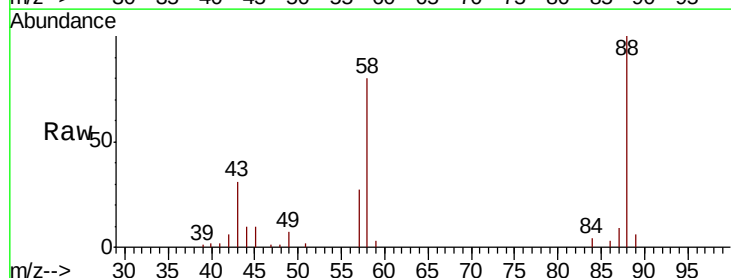
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 16.877 ng
RT: 2.85 min Scan# 129
Delta R.T. -0.00 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.3	57.1	85.7
43	32.5	24.1	36.1

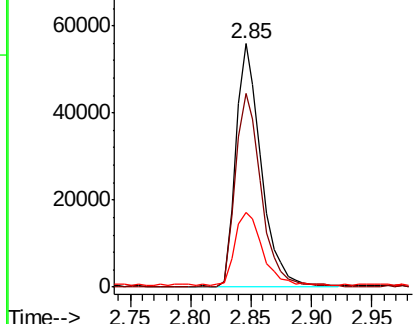
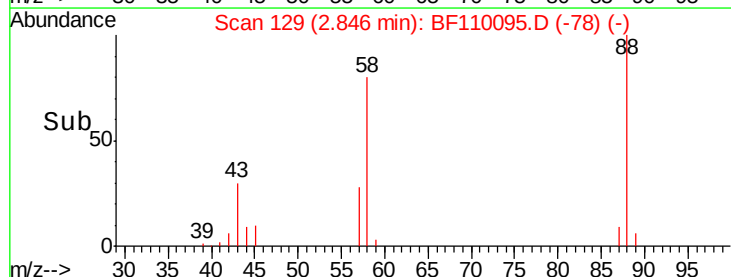


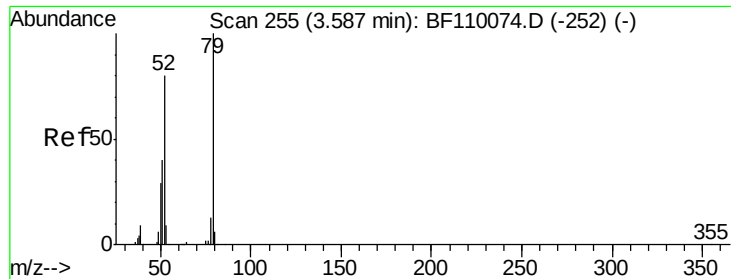
Abundance

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: 20.400 ng

RT: 3.64 min Scan# 264

Delta R.T. 0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

Instrument :

BNA_F

ClientSampleId :

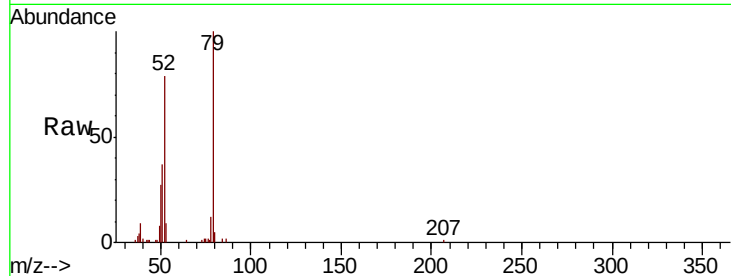
Tot Ion: 79 Resp: 221076

Ion Ratio Lower Upper

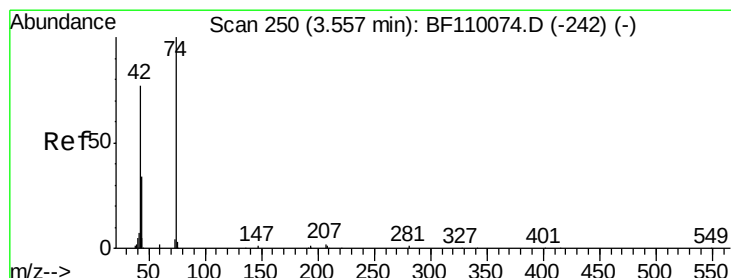
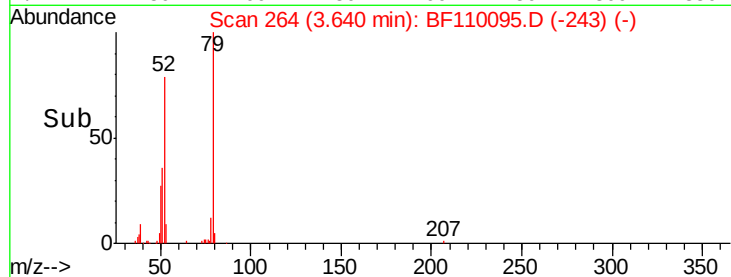
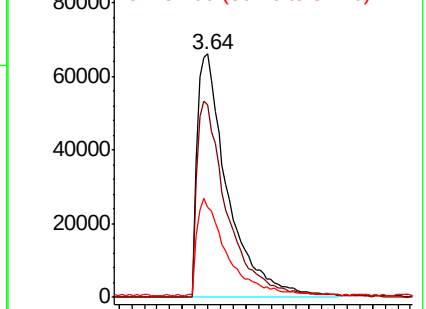
79 100

52 79.0 53.1 79.7

51 36.7 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: 21.465 ng

RT: 3.56 min Scan# 251

Delta R.T. -0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

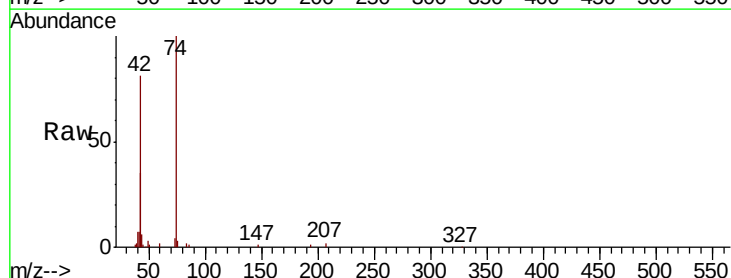
Tgt Ion: 42 Resp: 97454

Ion Ratio Lower Upper

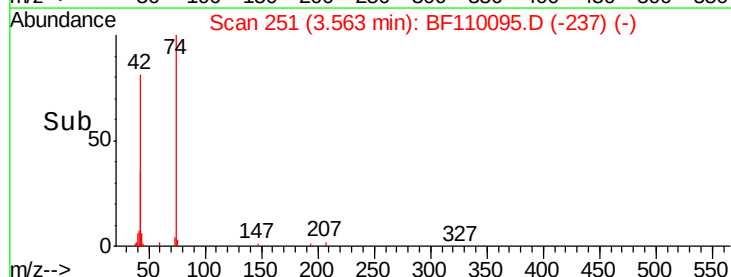
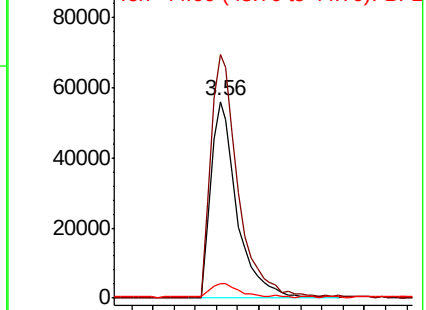
42 100

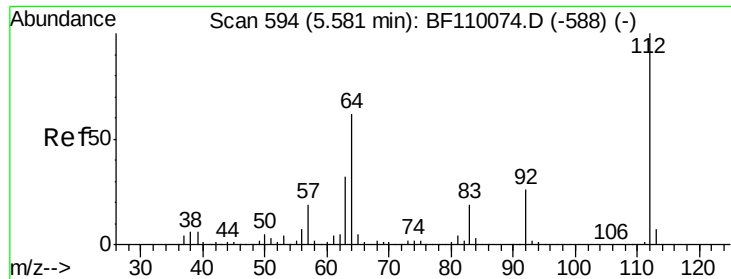
74 124.0 105.5 158.3

44 7.6 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: 132.166 ng

RT: 5.59 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

Instrument :

BNA_F

ClientSampled :

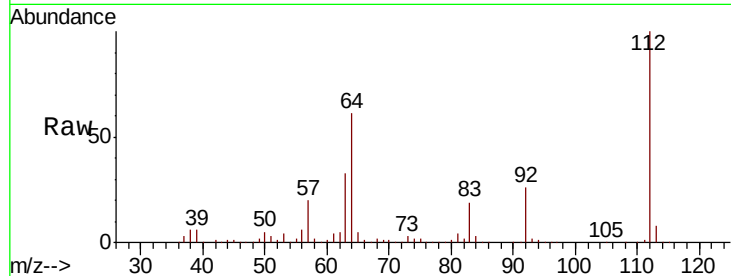
Tot Ion:112 Resp: 1227355

Ion Ratio Lower Upper

112 100

64 61.3 44.1 66.1

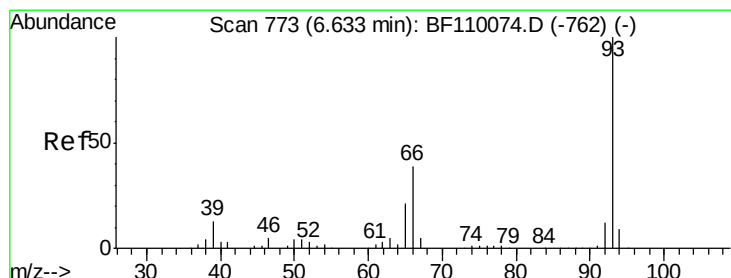
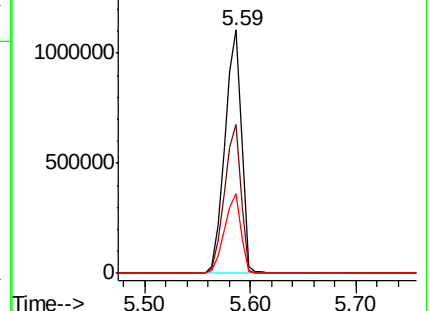
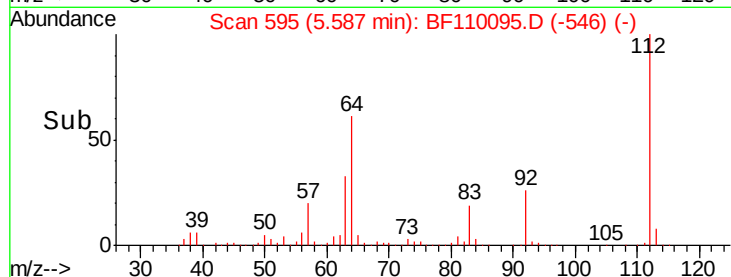
63 32.7 23.7 35.5



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: 18.730 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

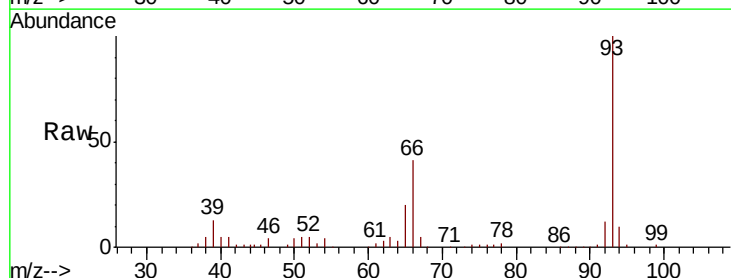
Tgt Ion: 93 Resp: 289818

Ion Ratio Lower Upper

93 100

66 40.8 67.4 101.0#

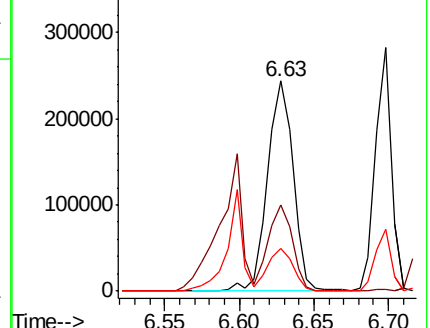
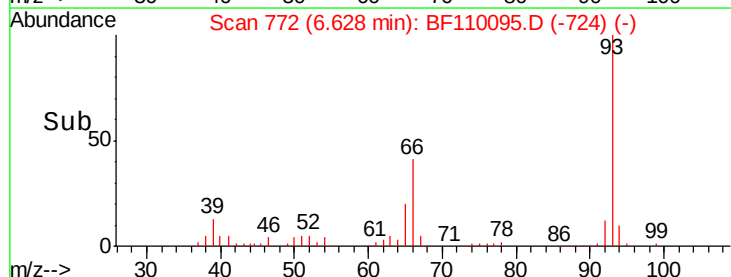
65 20.1 41.0 61.4#

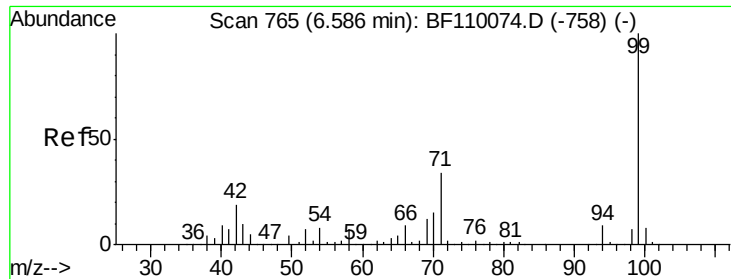


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 129.373 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

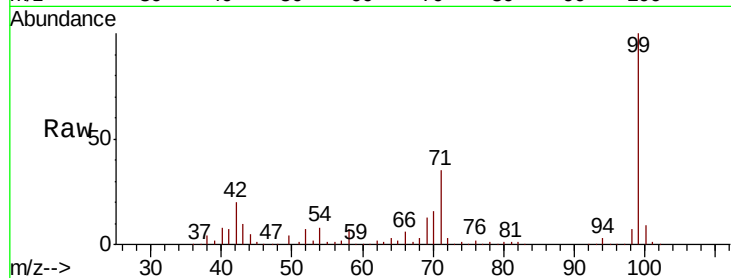
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1536711

Ion	Ratio	Lower	Upper
99	100		
42	20.0	15.8	23.6
71	35.4	28.0	42.0

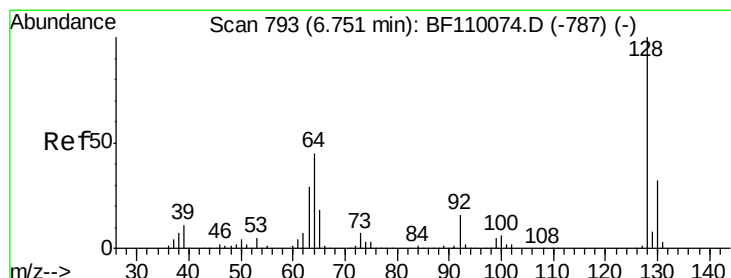
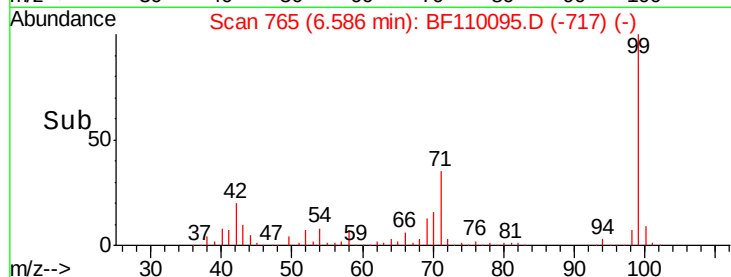
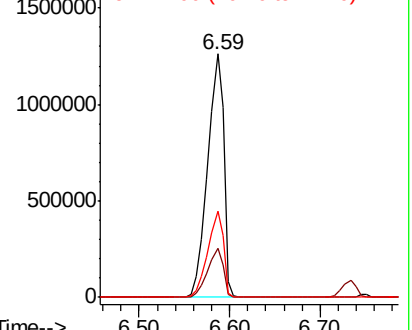


Abundance

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: 20.059 ng

RT: 6.75 min Scan# 793

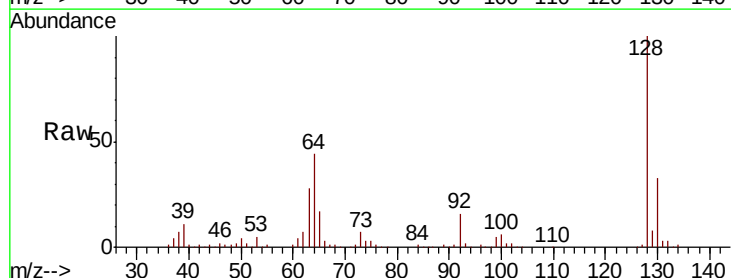
Delta R.T. -0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

Tgt Ion: 128 Resp: 214759

Ion	Ratio	Lower	Upper
128	100		
130	33.1	13.1	53.1
64	44.1	26.0	66.0

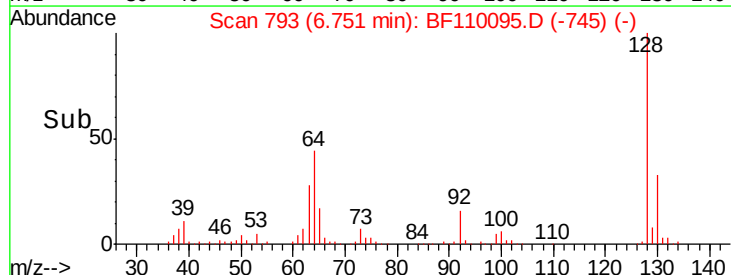
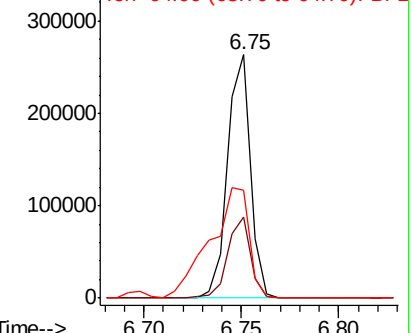


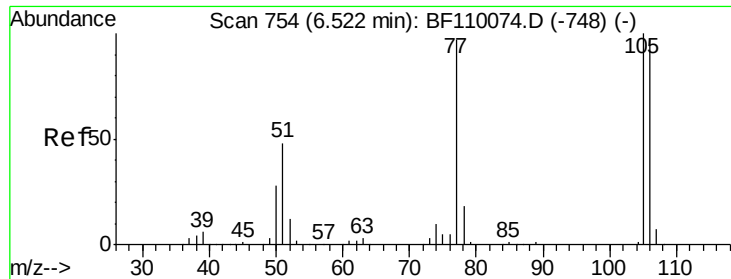
Abundance

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: 17.039 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

Instrument :

BNA_F

ClientSampled :

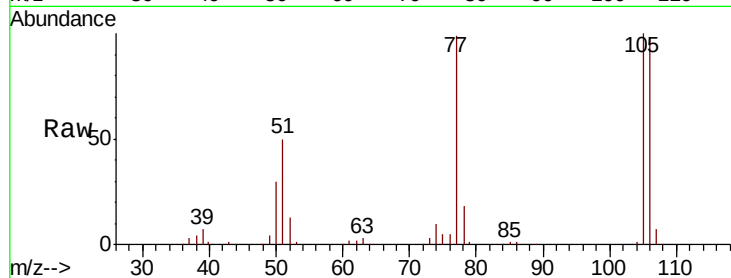
Tot Ion: 77 Resp: 139119

Ion Ratio Lower Upper

77 100

105 100.6 78.6 118.6

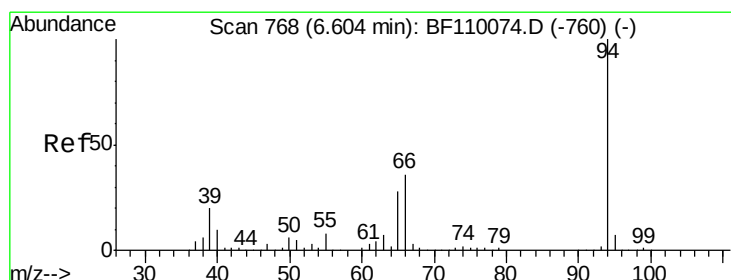
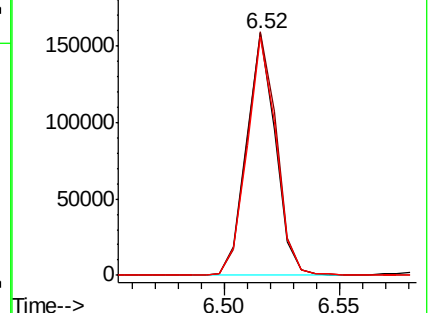
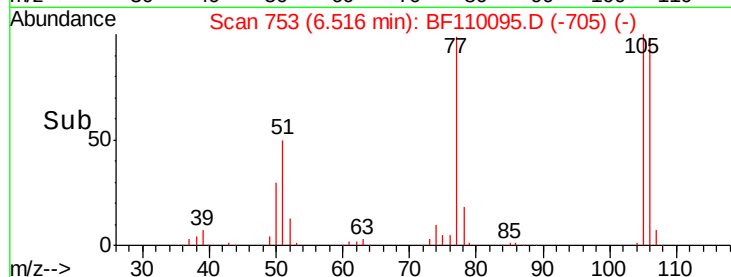
106 98.6 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 19.977 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

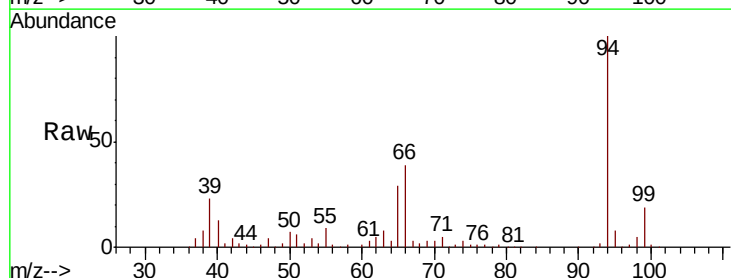
Tgt Ion: 94 Resp: 253639

Ion Ratio Lower Upper

94 100

65 28.6 25.3 65.3

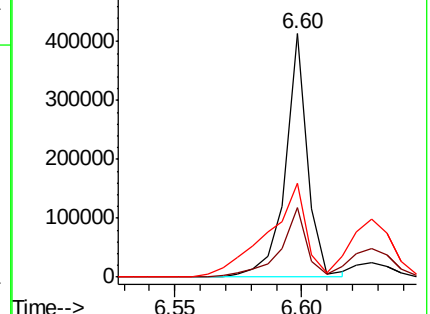
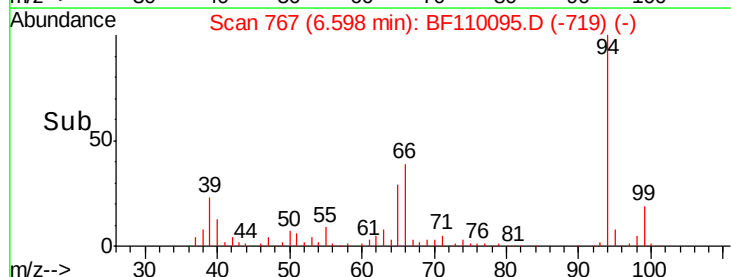
66 38.5 54.5 94.5#

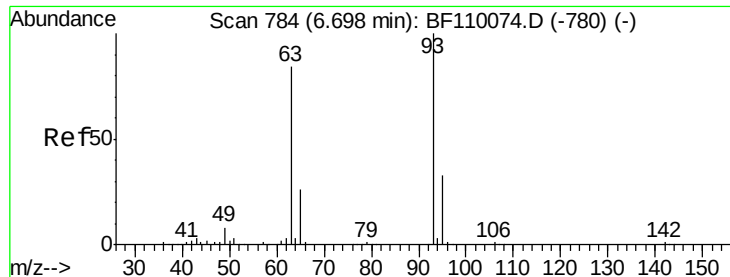


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

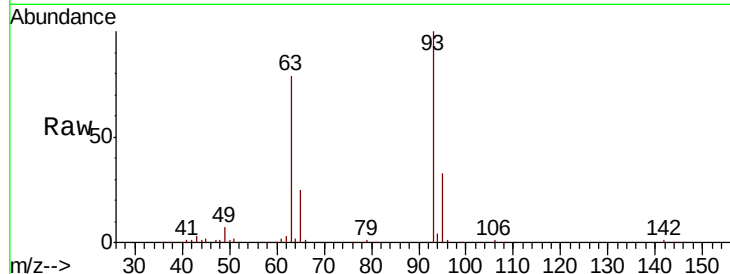




#11
bis(2-Chloroethyl)ether
Concen: 19.814 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.0	53.4	93.4
95	32.8	12.1	52.1

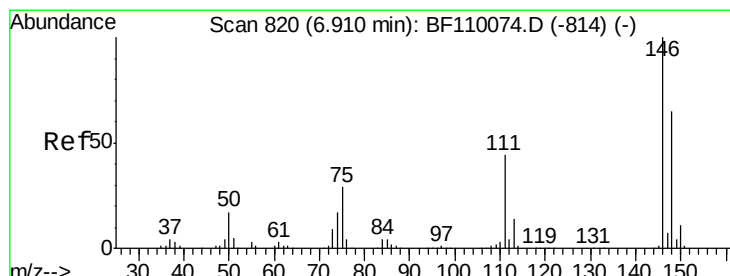
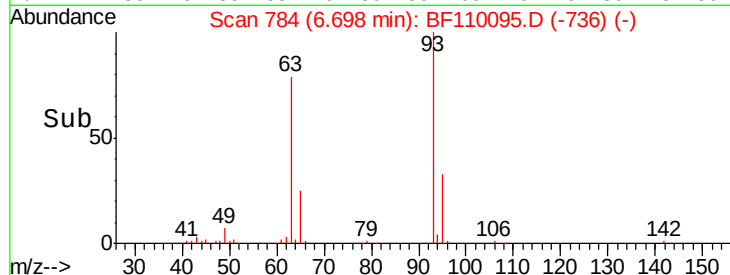
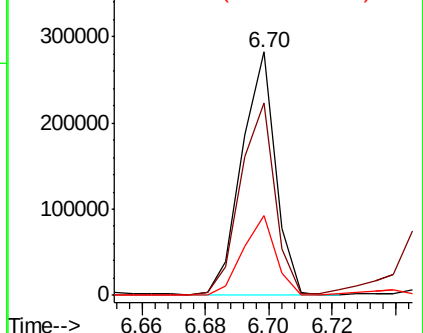


Abundance

Ion 93.00 (92.70 to 93.70): BF1

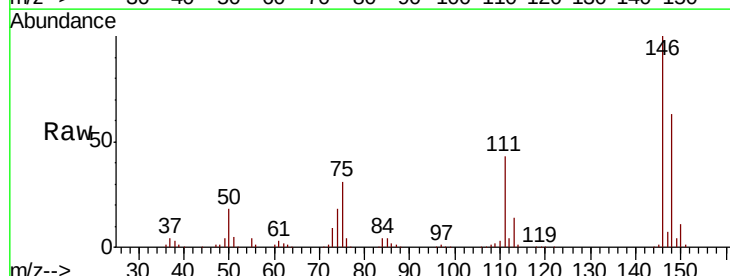
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 19.944 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.4	75.6
75	30.7	25.8	38.6

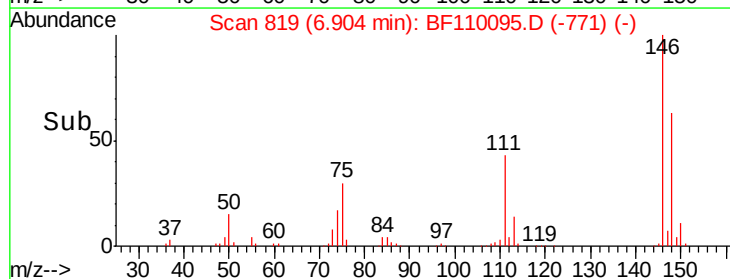
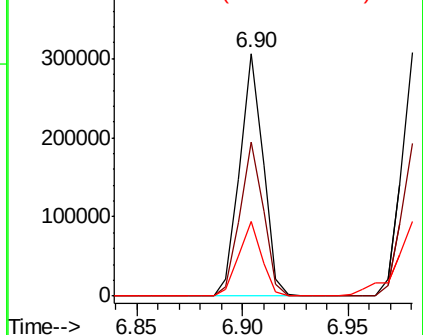


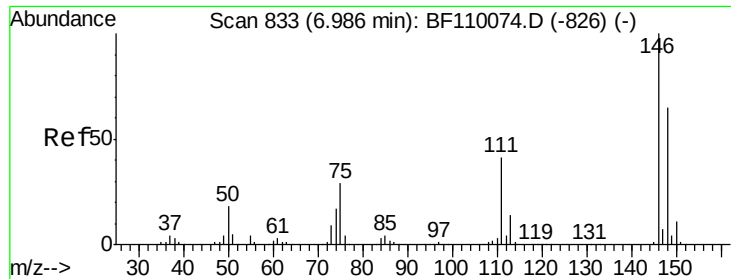
Abundance

Ion 146.00 (145.70 to 146.70): BF1

Ion 148.00 (147.70 to 148.70): BF1

Ion 75.00 (74.70 to 75.70): BF1

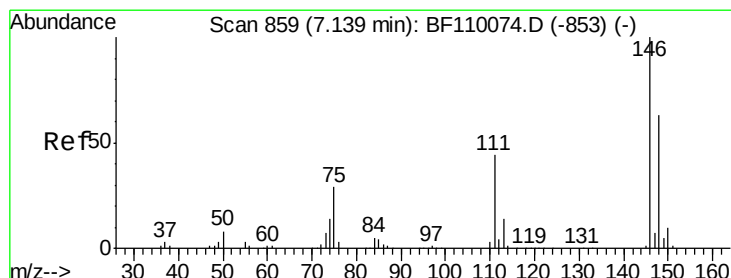
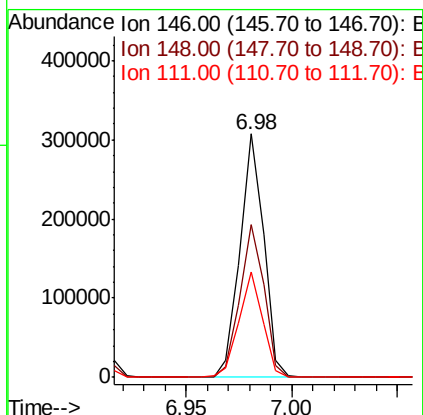
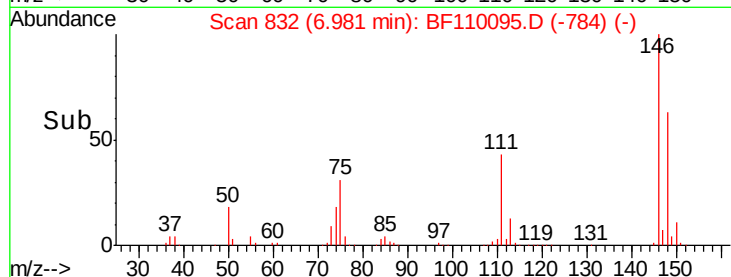
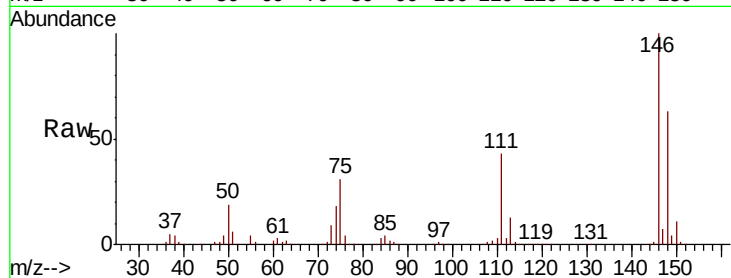




#13
1,4-Dichlorobenzene
Concen: 20.046 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

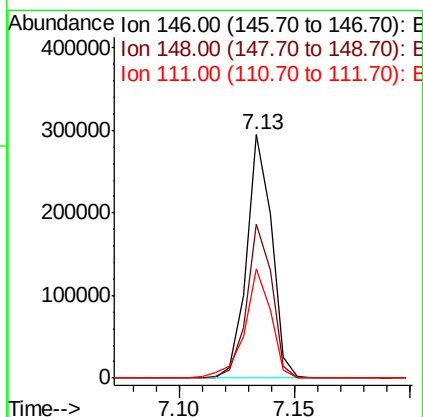
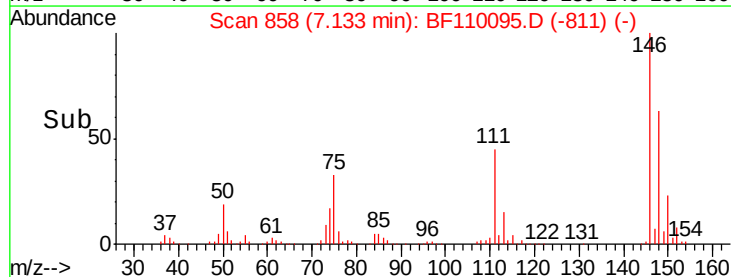
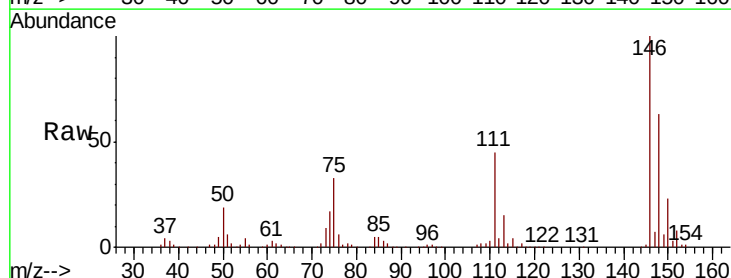
Instrument :
BNA_F
ClientSampleId :

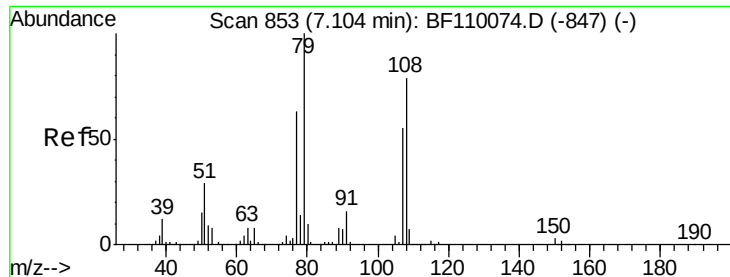
Tot Ion:146 Resp: 238870
Ion Ratio Lower Upper
146 100
148 62.8 50.3 75.5
111 43.2 32.7 49.1



#14
1,2-Dichlorobenzene
Concen: 20.247 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Tgt Ion:146 Resp: 223973
Ion Ratio Lower Upper
146 100
148 63.3 51.1 76.7
111 44.7 35.8 53.6





#15

Benzyl Alcohol

Concen: 20.701 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

Instrument :

BNA_F

ClientSampleId :

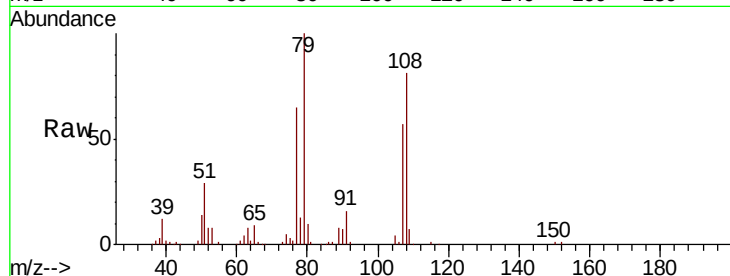
Tot Ion: 79 Resp: 189121

Ion Ratio Lower Upper

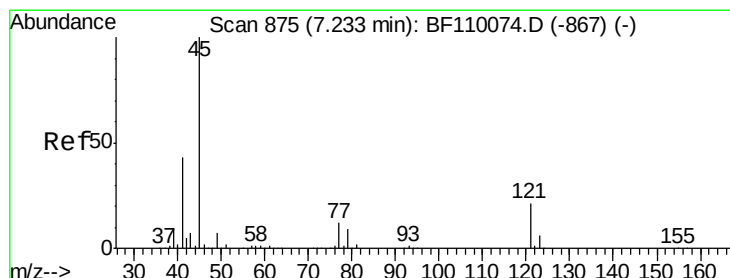
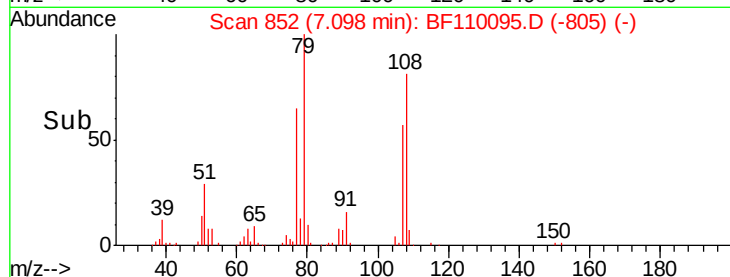
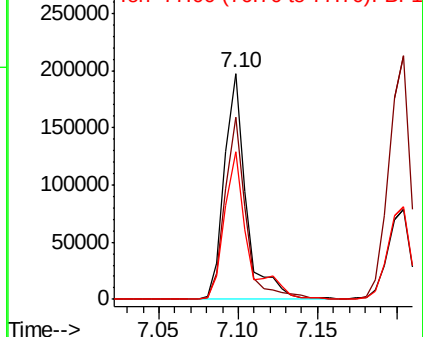
79 100

108 80.9 56.3 84.5

77 65.2 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: 20.584 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

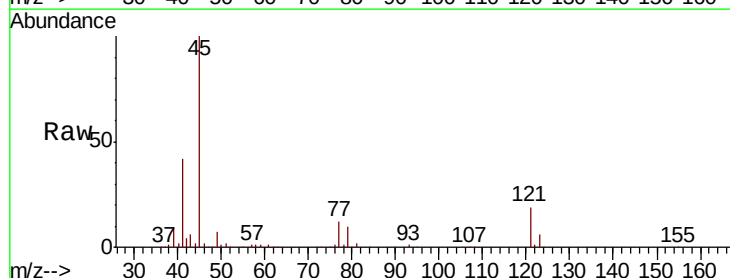
Tgt Ion: 45 Resp: 343787

Ion Ratio Lower Upper

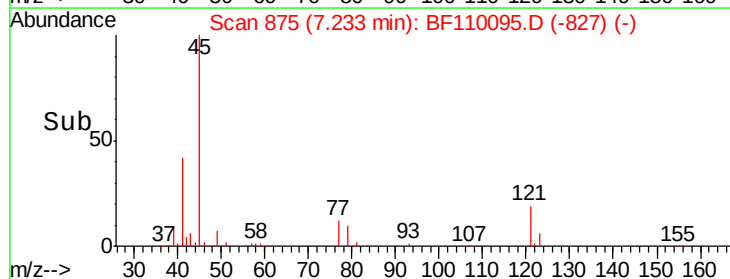
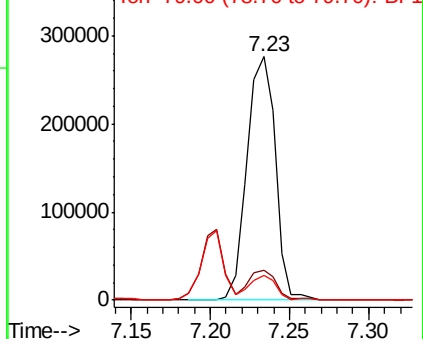
45 100

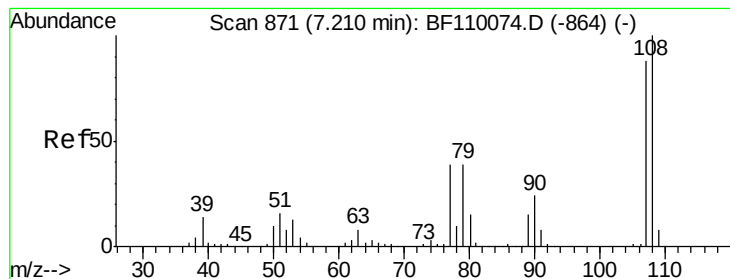
77 12.2 10.0 50.0

79 10.0 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

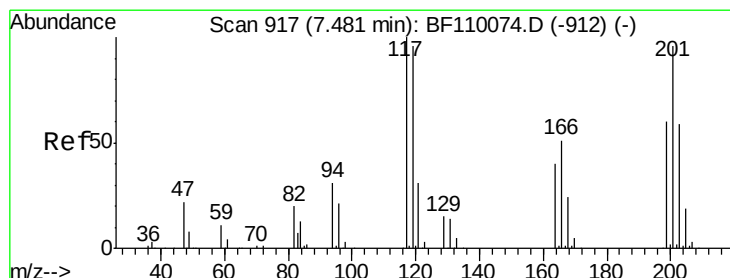
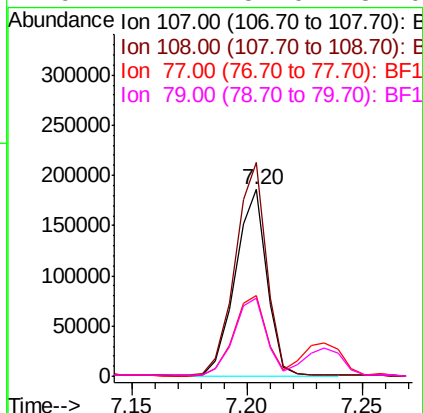
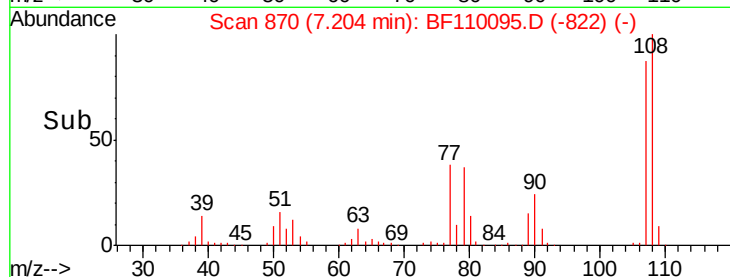
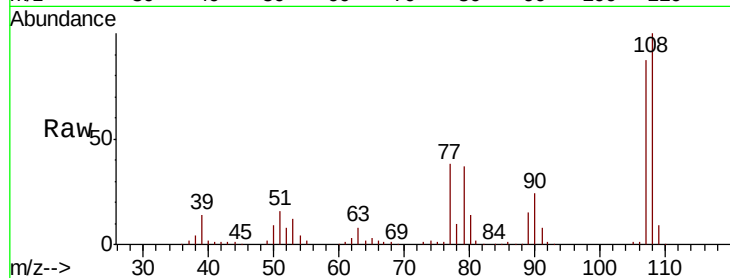




#17
2-Methylphenol
Concen: 20.786 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

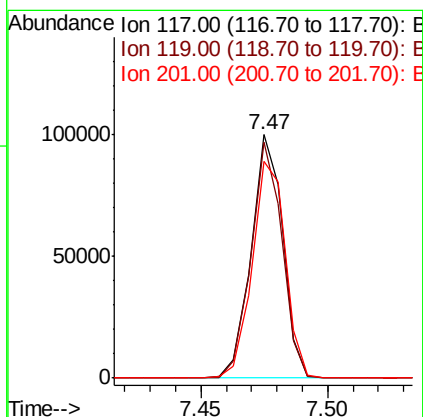
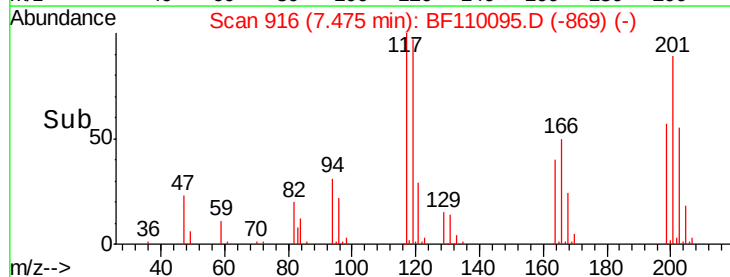
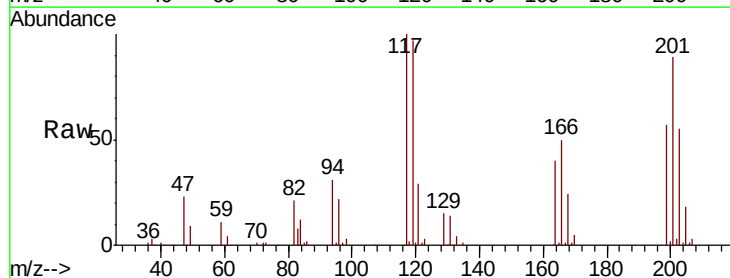
Instrument :
BNA_F
ClientSampled :

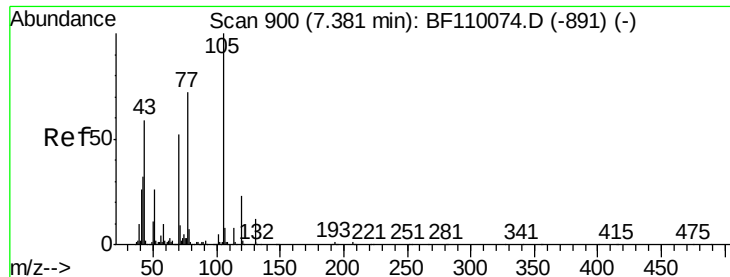
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.5	92.6	138.8
77	43.5	59.4	89.2
79	42.2	54.0	81.0



#18
Hexachloroethane
Concen: 19.983 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	75.0	112.6
201	89.3	79.2	118.8





#19

n-Nitroso-di-n-propylamine

Concen: 19.980 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 152253

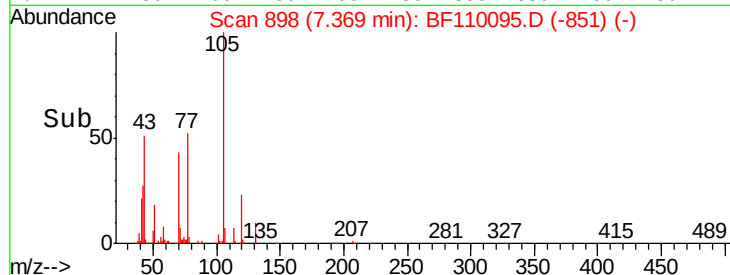
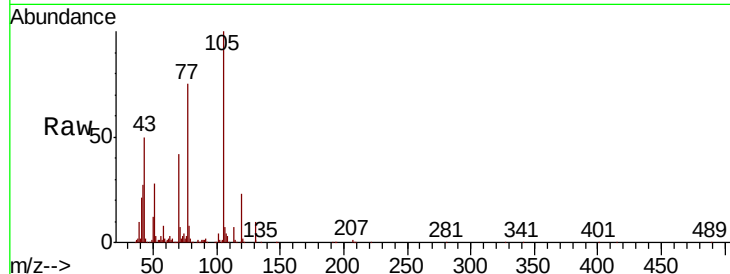
Ion Ratio Lower Upper

70 100

42 62.6 47.4 71.2

101 10.1 7.3 10.9

130 22.6 16.2 24.2

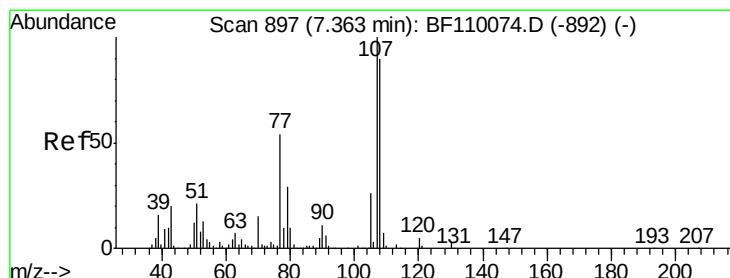
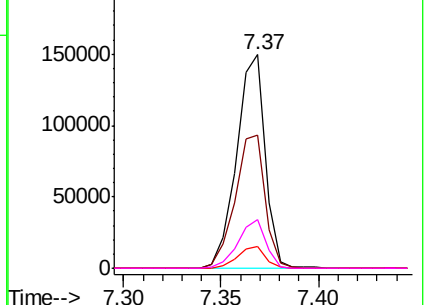


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 21.004 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

Tgt Ion:107 Resp: 231662

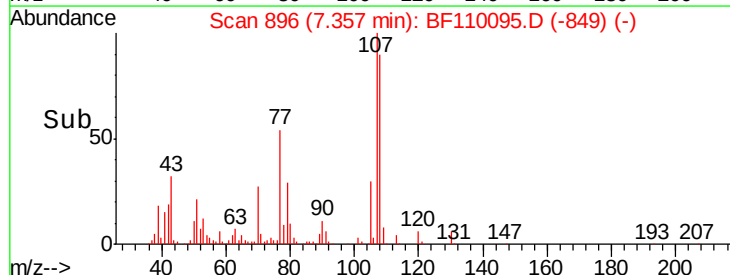
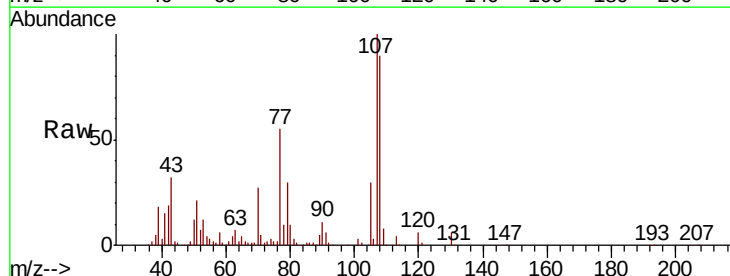
Ion Ratio Lower Upper

107 100

108 90.3 71.4 111.4

77 54.7 47.3 87.3

79 29.8 10.9 50.9

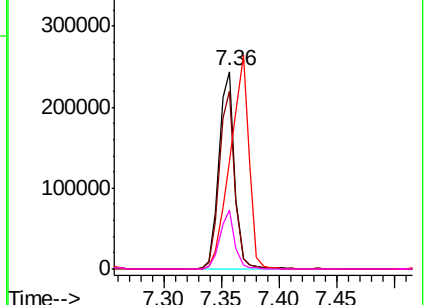


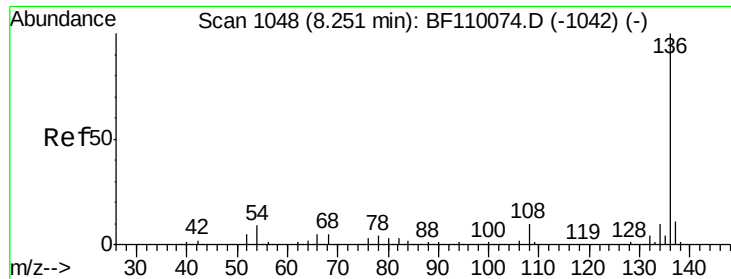
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

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: 8.25 min Scan# 1047

Delta R.T. -0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 644500

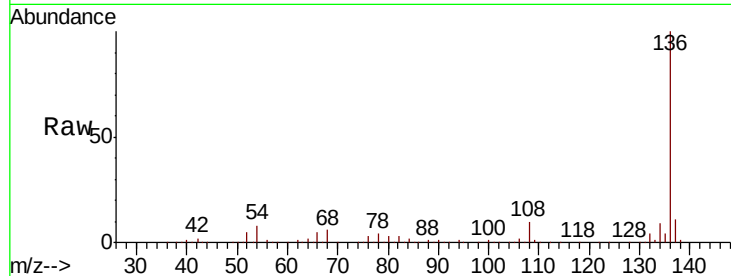
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 8.4 5.4 8.2#

68 5.6 4.2 6.2

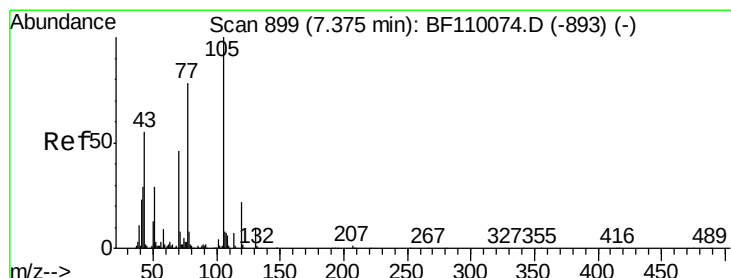
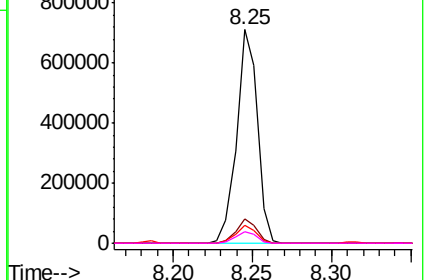
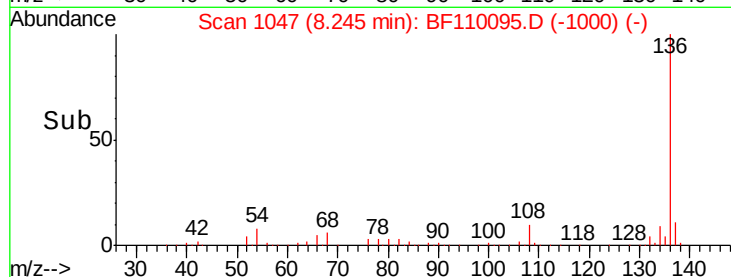


Abundance Ion 136.00 (135.70 to 136.70): E

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: 20.665 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

Tgt Ion:105 Resp: 306895

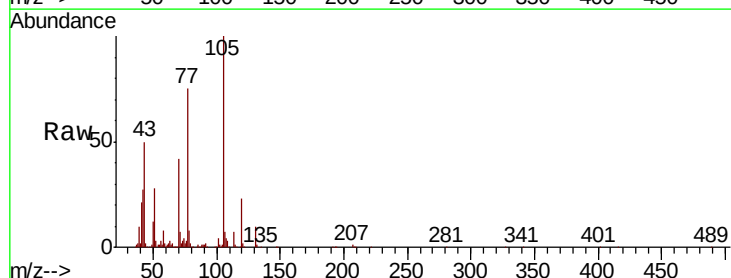
Ion Ratio Lower Upper

105 100

71 7.0 5.2 7.8

51 27.7 21.8 32.8

120 22.5 17.0 25.4

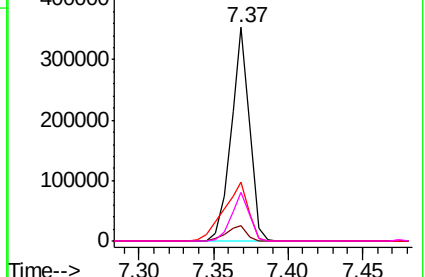
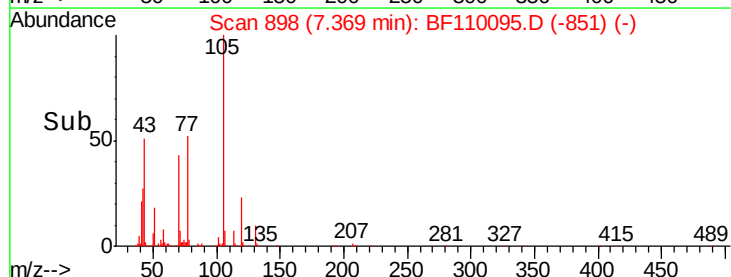


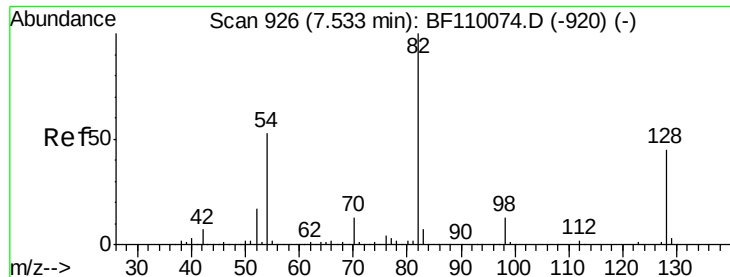
Abundance Ion 105.00 (104.70 to 105.70): E

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

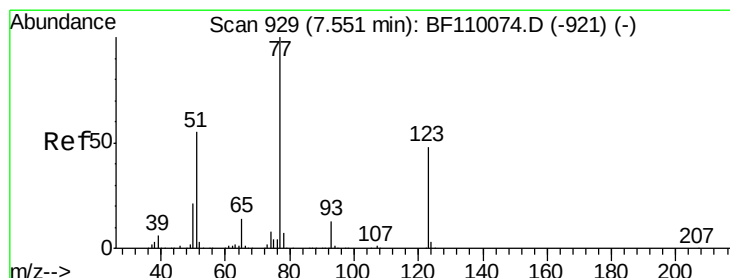
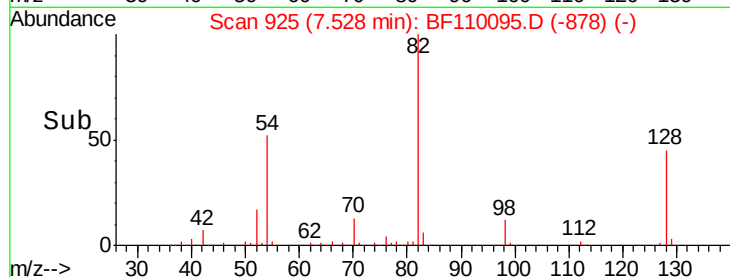
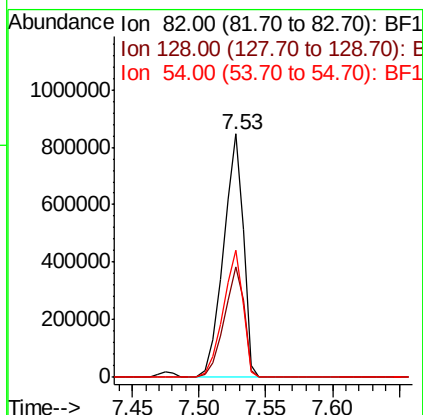
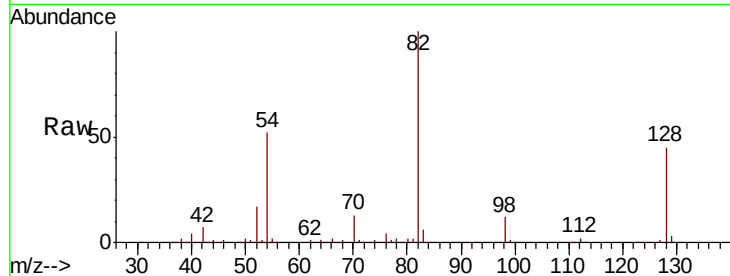




#23
Nitrobenzene-d5
Concen: 81.750 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

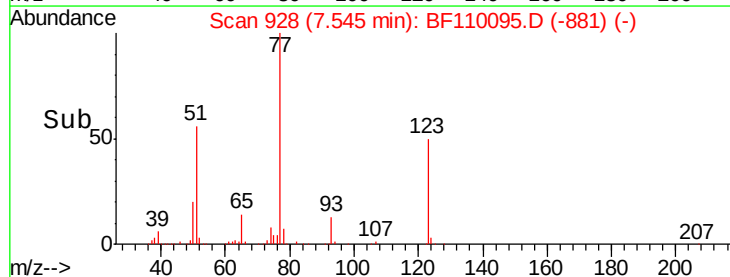
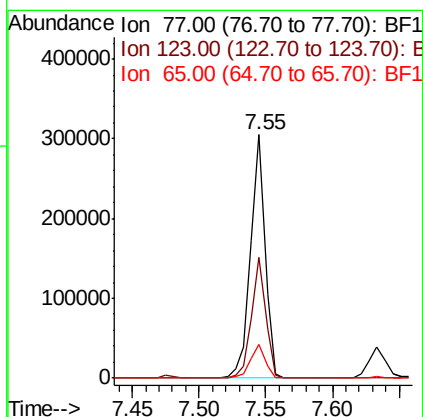
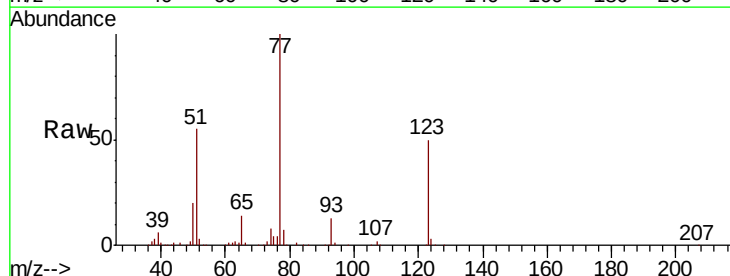
Instrument :
BNA_F
ClientSampleId :

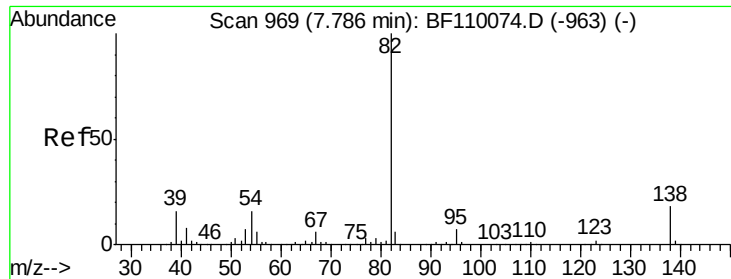
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.3	34.2	51.2
54	52.3	38.6	58.0



#24
Nitrobenzene
Concen: 20.334 ng
RT: 7.55 min Scan# 928
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.7	35.7	53.5
65	13.9	10.7	16.1





#25

Isophorone

Concen: 22.492 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

Instrument :

BNA_F

ClientSampleId :

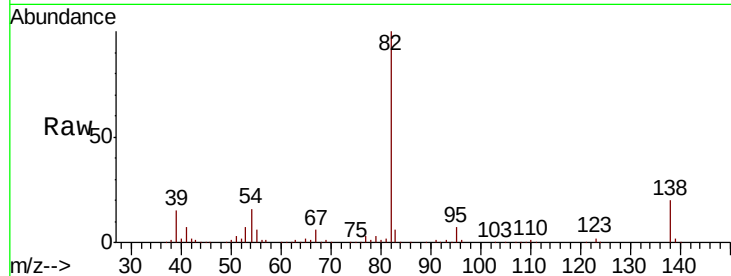
Tot Ion: 82 Resp: 416603

Ion Ratio Lower Upper

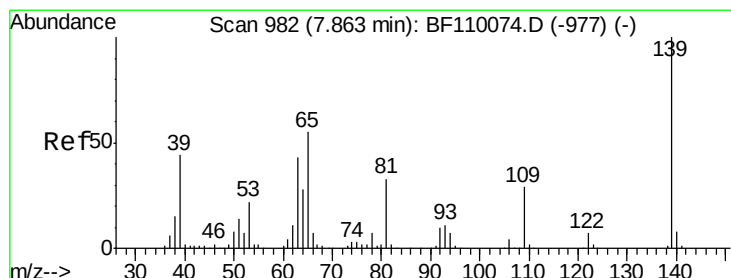
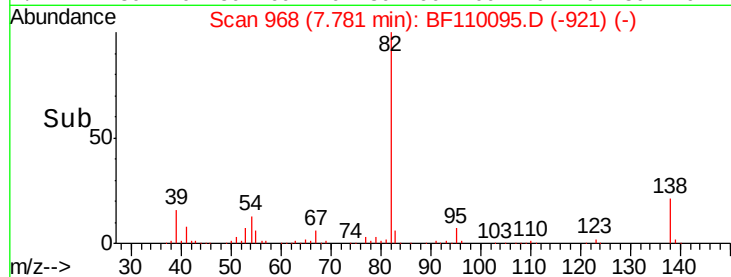
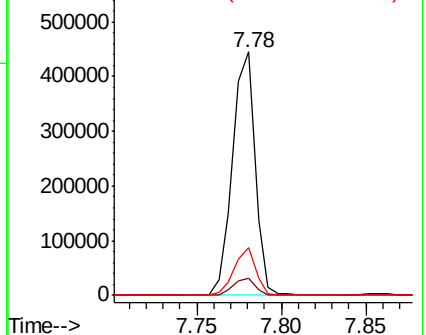
82 100

95 7.0 5.7 8.5

138 19.7 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: 19.556 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

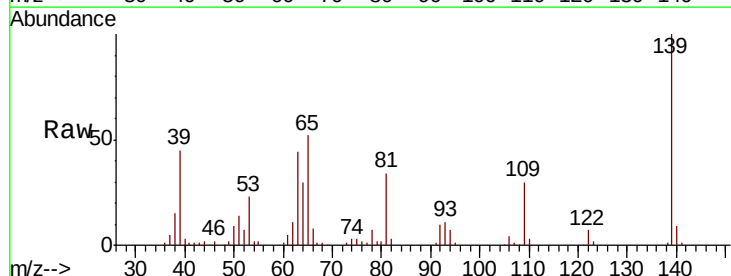
Tgt Ion: 139 Resp: 104399

Ion Ratio Lower Upper

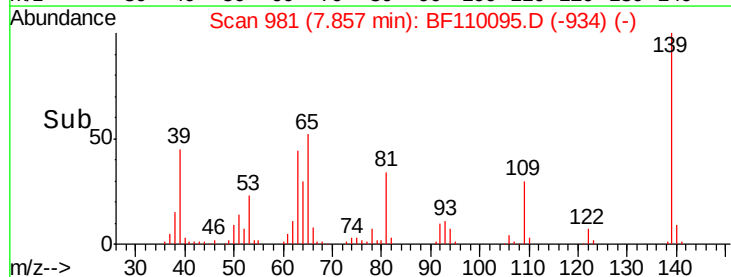
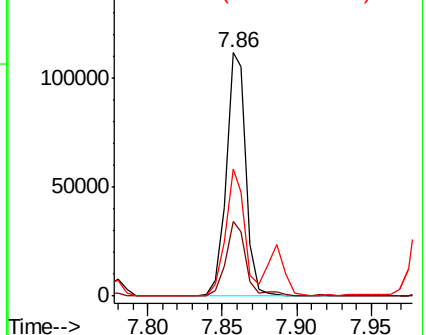
139 100

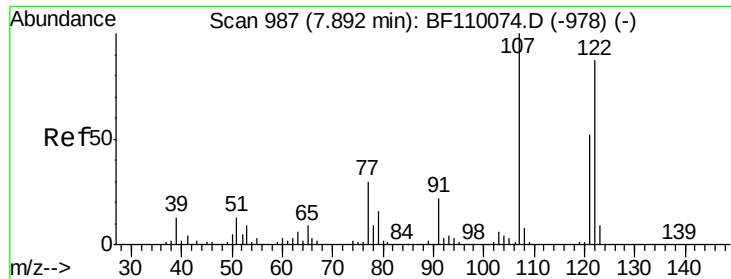
109 30.4 25.0 37.6

65 52.4 44.0 66.0



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

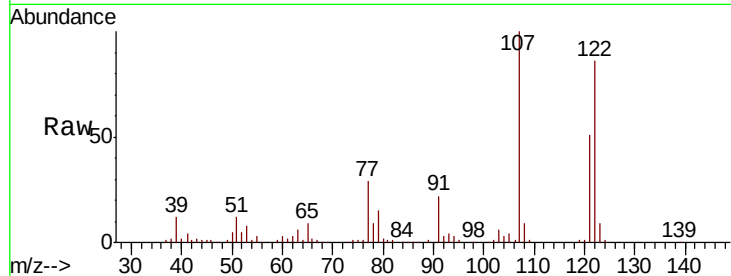




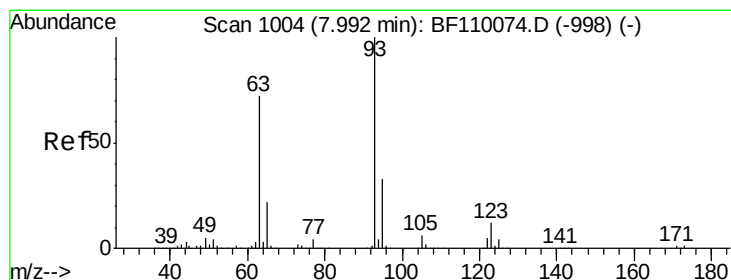
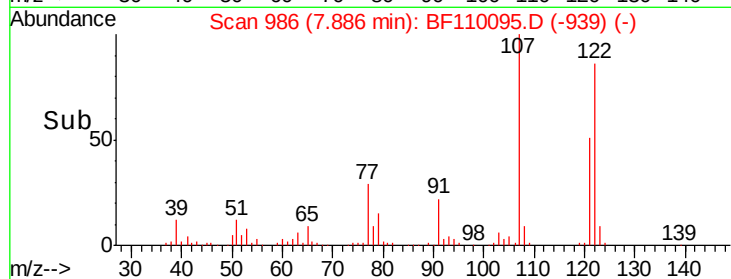
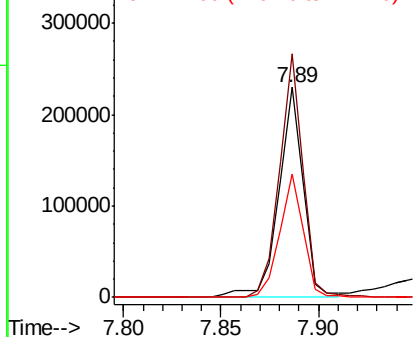
#27
2,4-Dimethylphenol
Concen: 22.517 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 199293
Ion Ratio Lower Upper
122 100
107 116.0 92.5 138.7
121 58.8 45.8 68.8

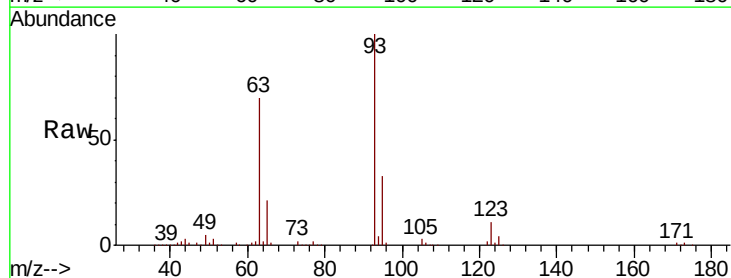


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

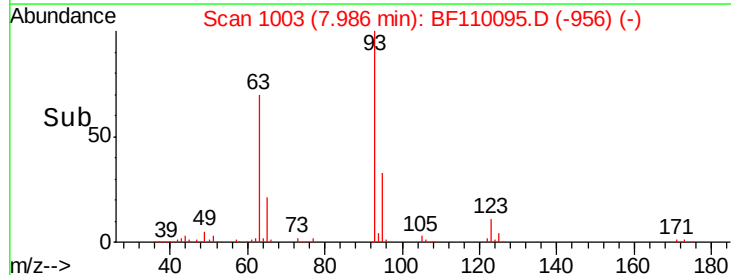
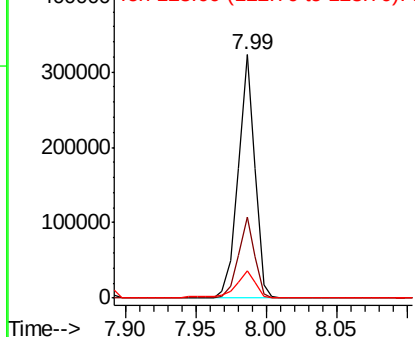


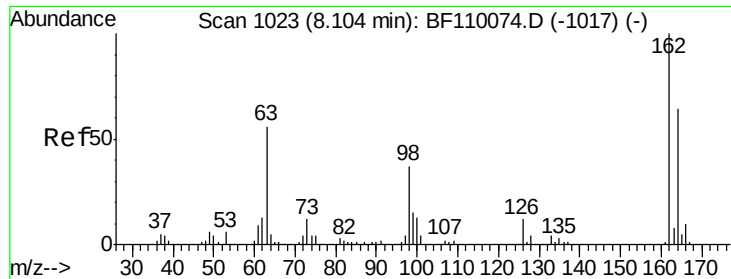
#28
bis(2-Chloroethoxy)methane
Concen: 21.017 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Tgt Ion: 93 Resp: 264449
Ion Ratio Lower Upper
93 100
95 33.3 26.4 39.6
123 11.4 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

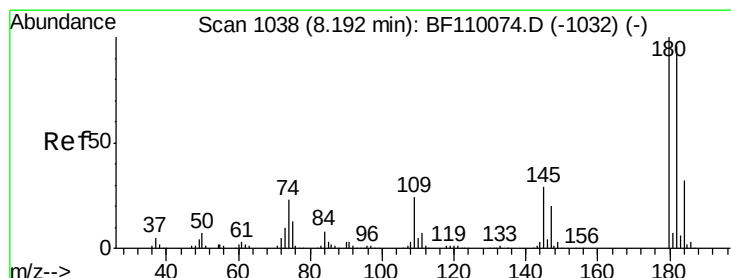
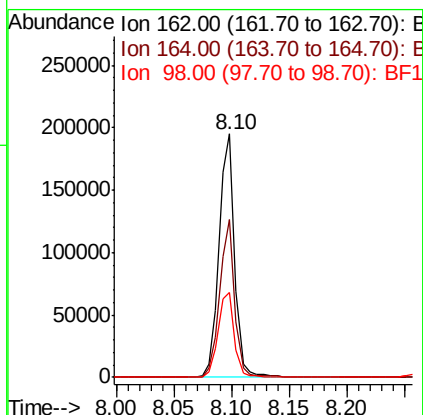
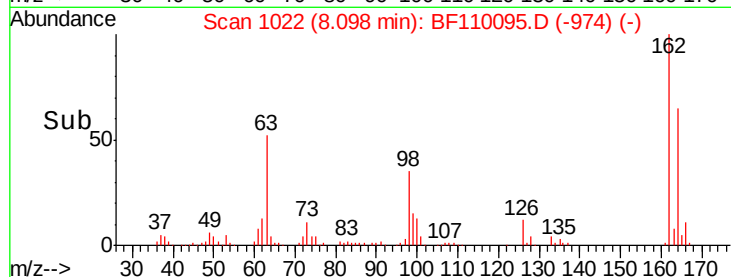
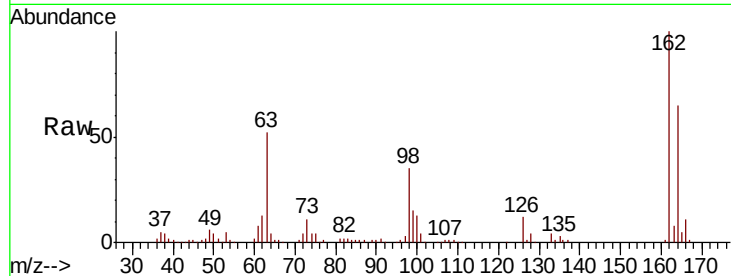




#29
 2,4-Dichlorophenol
 Concen: 20.550 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.02 min
 Lab File: BF110095.D
 Acq: 23 Oct 2018 23:22

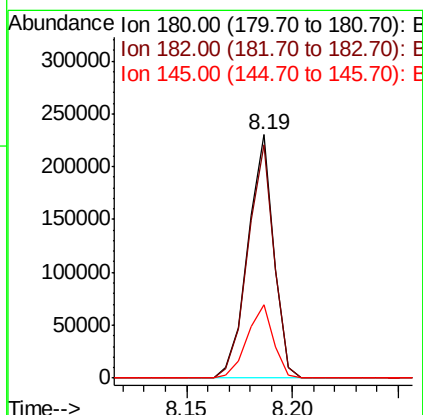
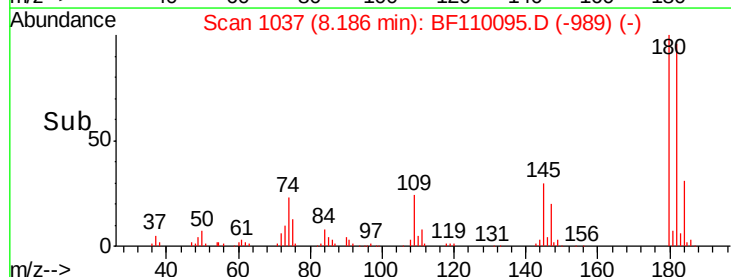
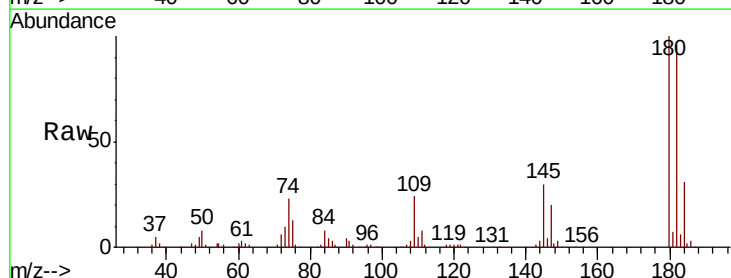
Instrument :
 BNA_F
 ClientSampleId :

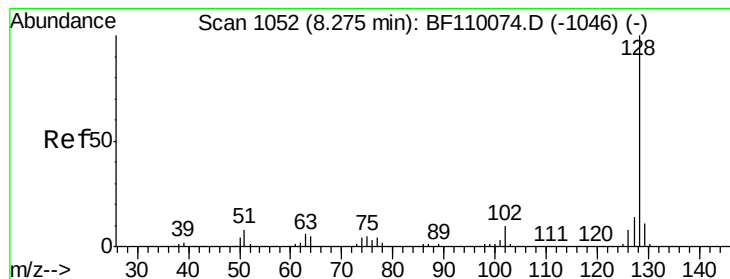
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.6	84.6
98	34.6	17.4	57.4



#30
 1,2,4-Trichlorobenzene
 Concen: 19.577 ng
 RT: 8.19 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF110095.D
 Acq: 23 Oct 2018 23:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	80.3	120.5
145	30.2	25.4	38.0





#31

Naphthalene

Concen: 21.885 ng

RT: 8.27 min Scan# 1051

Delta R.T. -0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

Instrument :

BNA_F

ClientSampleId :

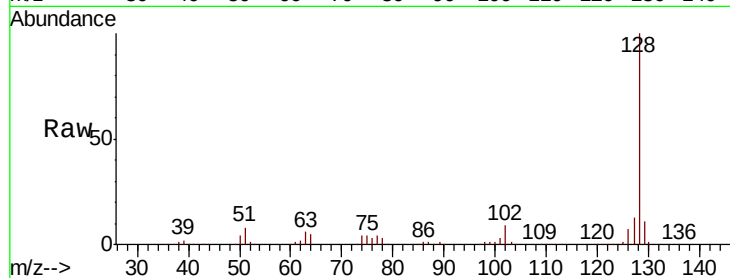
Tot Ion:128 Resp: 650083

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

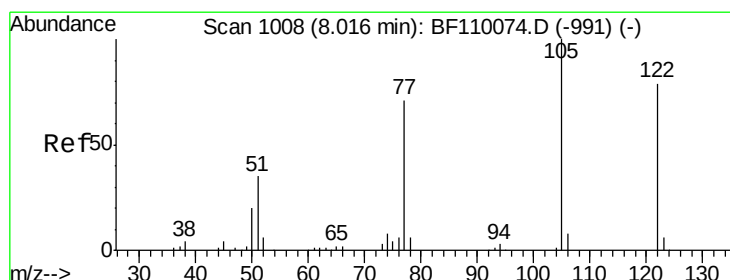
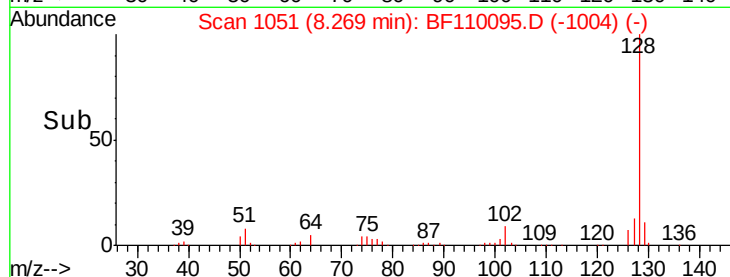
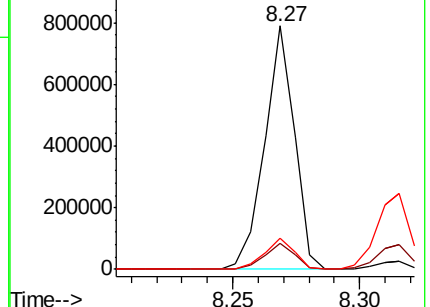
127 12.8 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 14.446 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.04 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

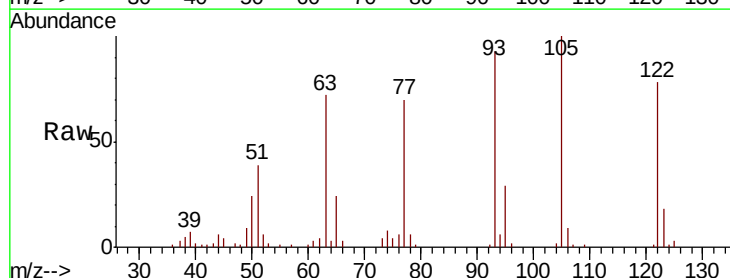
Tgt Ion:122 Resp: 98823

Ion Ratio Lower Upper

122 100

105 127.8 109.0 149.0

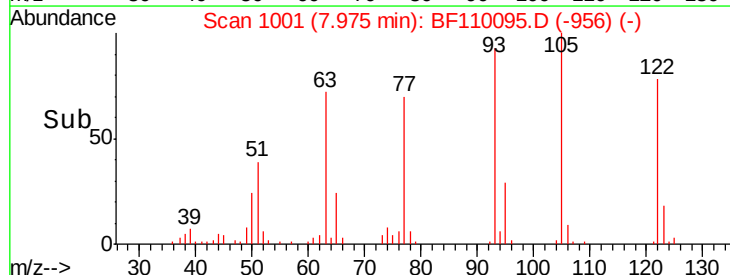
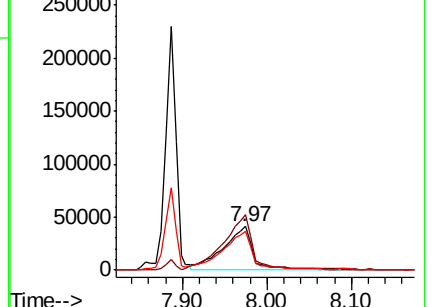
77 89.4 79.0 119.0

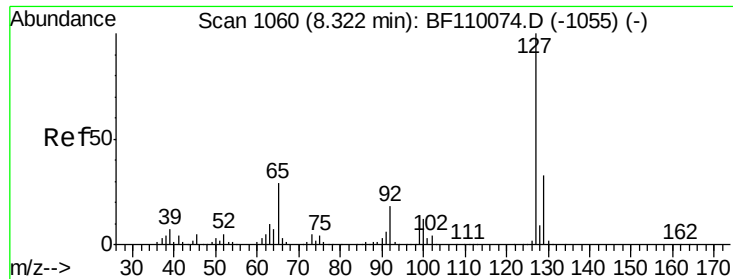


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

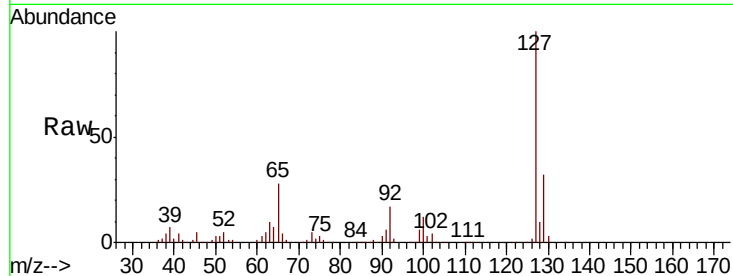




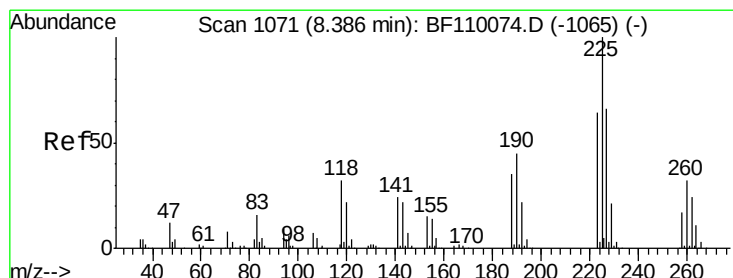
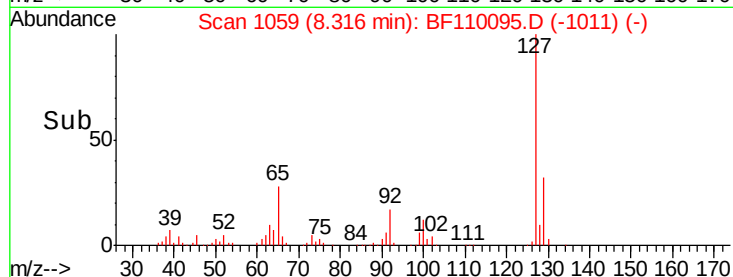
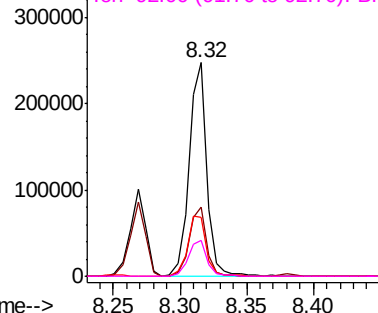
#33
4-Chloroaniline
Concen: 17.345 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	231878
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.0	39.0
65	27.8	25.1	37.7
92	16.8	15.0	22.6

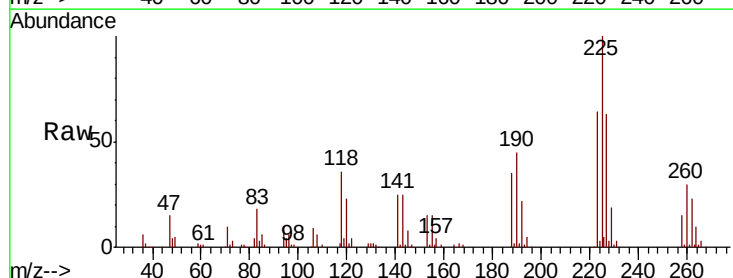


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

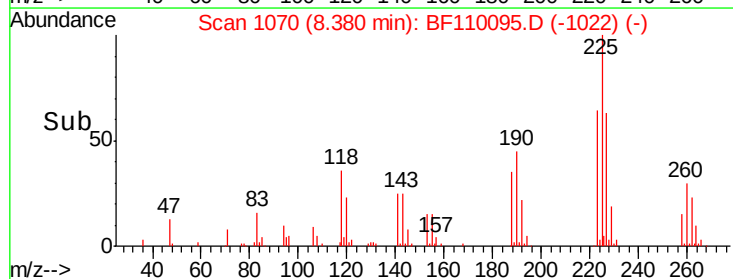
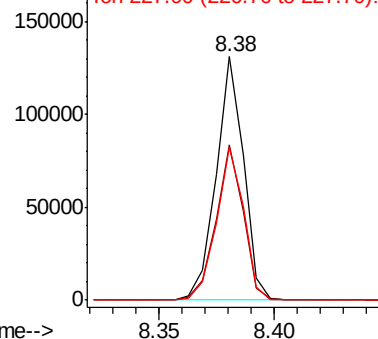


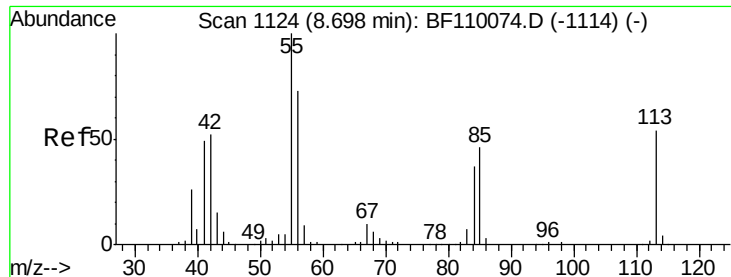
#34
Hexachlorobutadiene
Concen: 19.527 ng
RT: 8.38 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Tgt Ion:	225	Resp:	108594
Ion	Ratio	Lower	Upper
225	100		
223	63.6	51.4	77.2
227	62.9	51.0	76.6



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

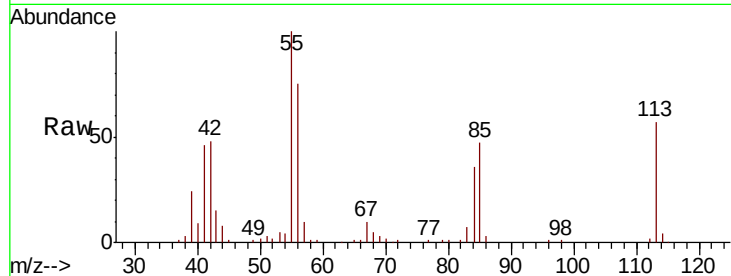




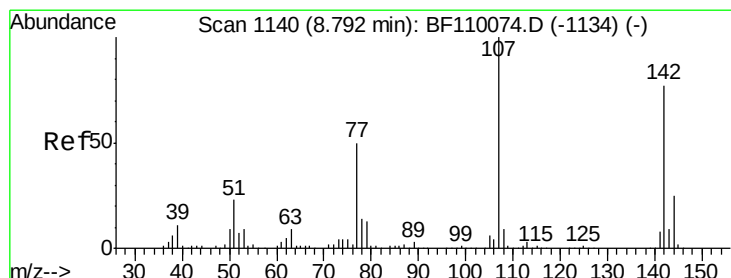
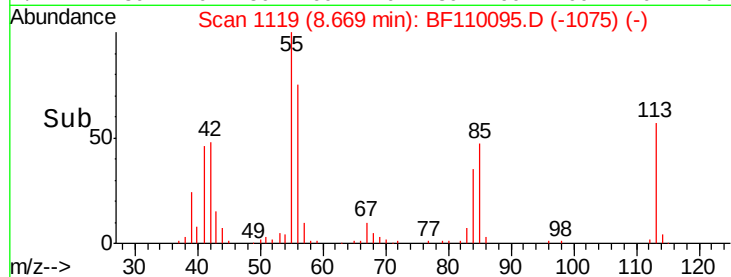
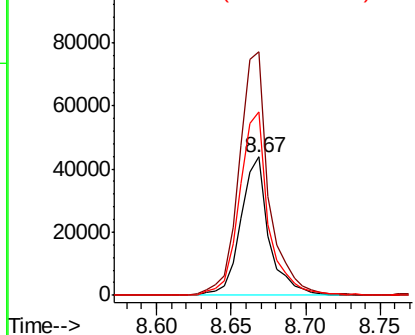
#35
 Caprolactam
 Concen: 18.346 ng
 RT: 8.67 min Scan# 1119
 Delta R.T. -0.04 min
 Lab File: BF110095.D
 Acq: 23 Oct 2018 23:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 57178
 Ion Ratio Lower Upper
 113 100
 55 176.2 142.8 182.8
 56 132.9 105.0 145.0

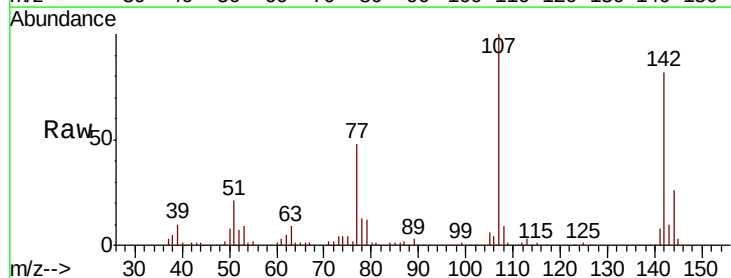


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

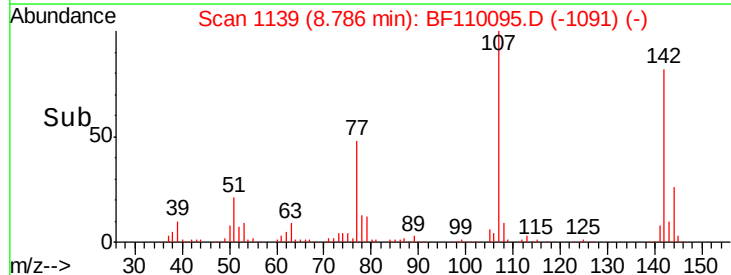
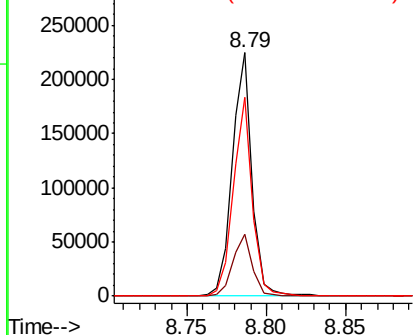


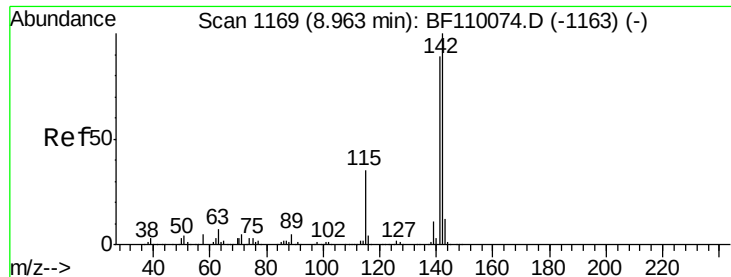
#36
 4-Chloro-3-methylphenol
 Concen: 20.062 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. -0.02 min
 Lab File: BF110095.D
 Acq: 23 Oct 2018 23:22

Tgt Ion:107 Resp: 193992
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.0 30.0
 142 81.6 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

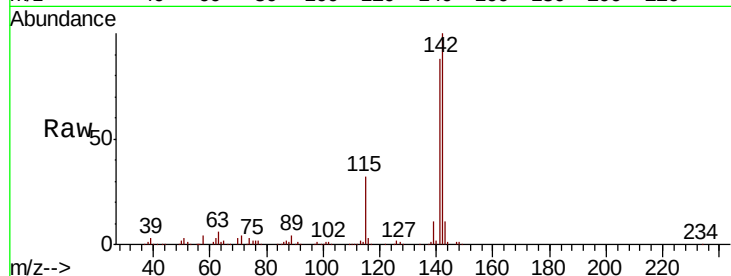




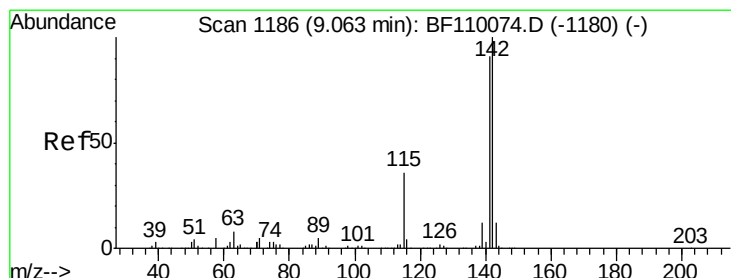
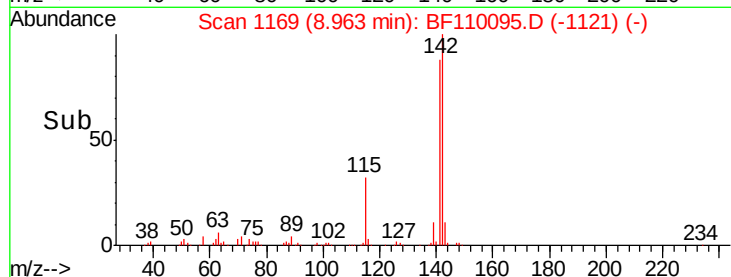
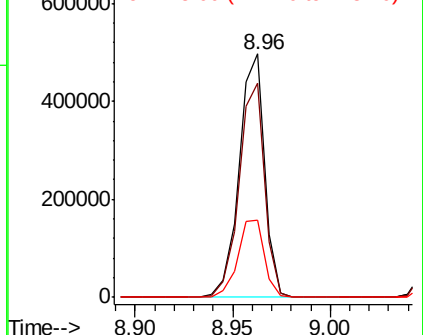
#37
2-Methylnaphthalene
Concen: 22.772 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.4	107.2
115	31.7	28.7	43.1

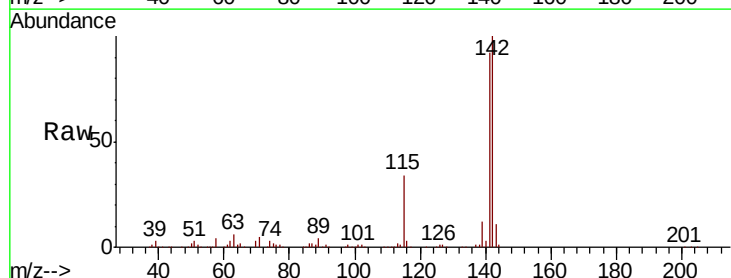


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

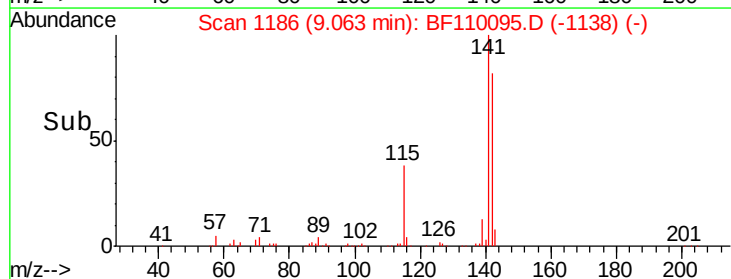
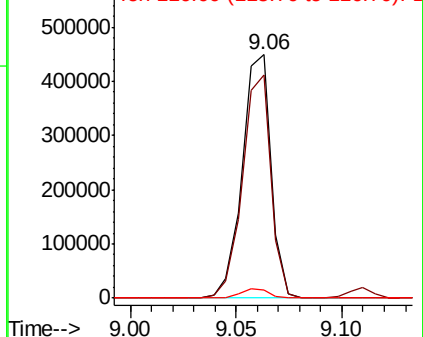


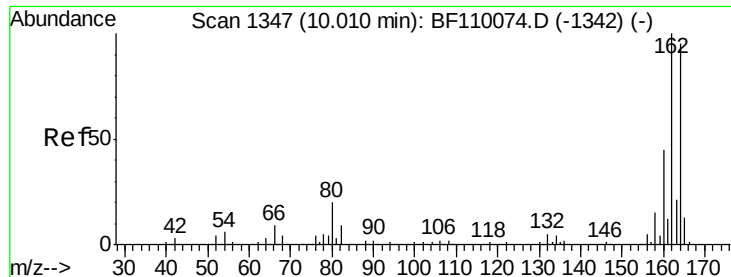
#38
1-Methylnaphthalene
Concen: 22.331 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	74.2	111.4
116	3.4	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: 10.01 min Scan# 1347

Delta R.T. -0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

Instrument :

BNA_F

ClientSampled :

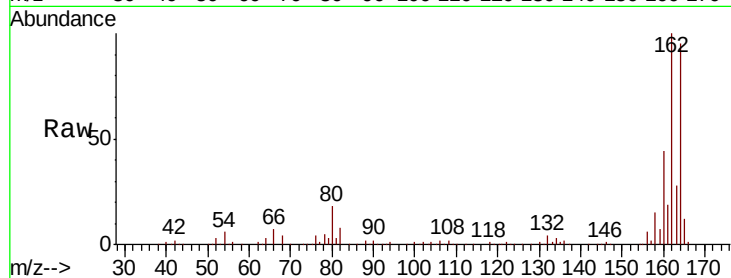
Tot Ion:164 Resp: 307137

Ion Ratio Lower Upper

164 100

162 105.7 83.0 124.6

160 47.0 37.0 55.6

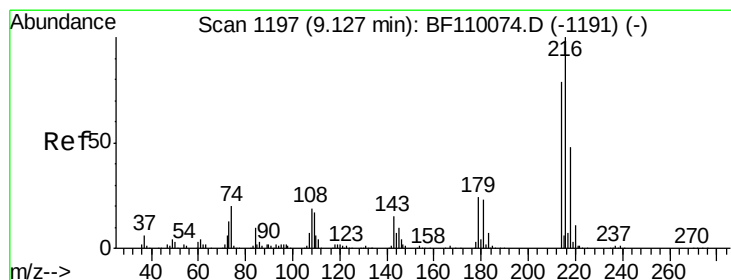
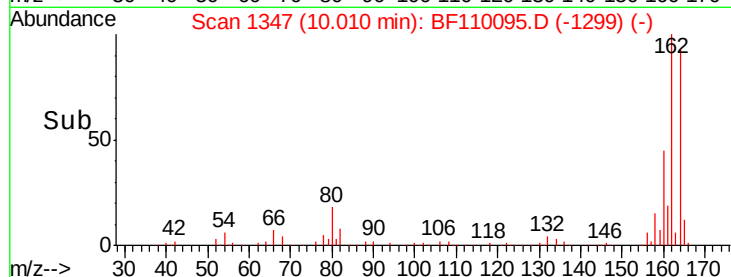
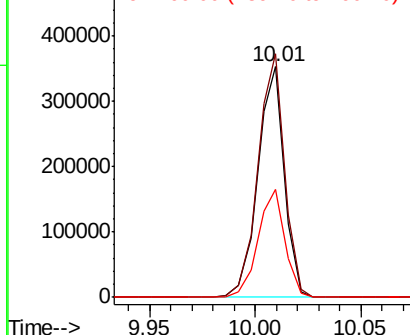


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 19.640 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

Tgt Ion:216 Resp: 187951

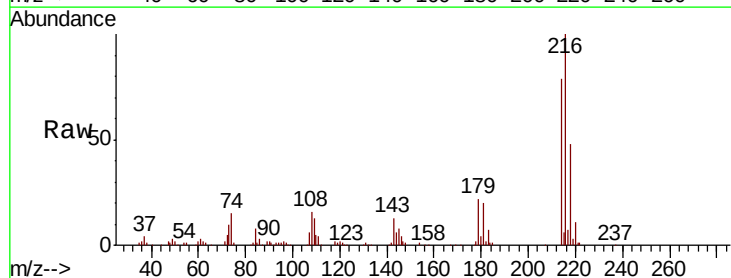
Ion Ratio Lower Upper

216 100

214 79.0 63.8 95.6

179 22.4 16.6 25.0

108 19.9 15.1 22.7



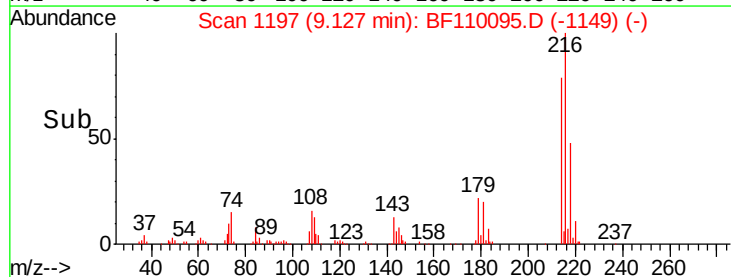
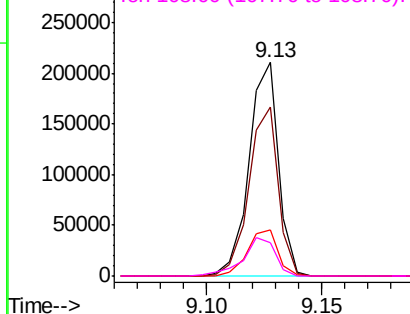
Abundance

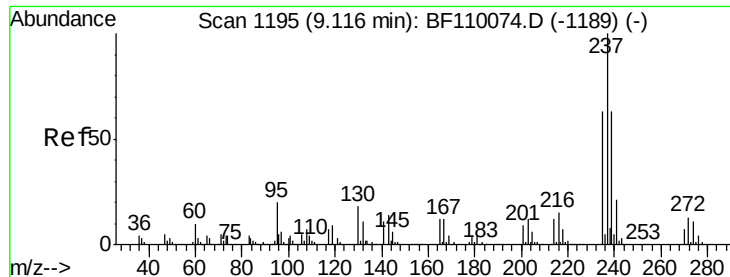
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 22.936 ng

RT: 9.11 min Scan# 1194

Delta R.T. -0.02 min

Lab File: BF110095.D

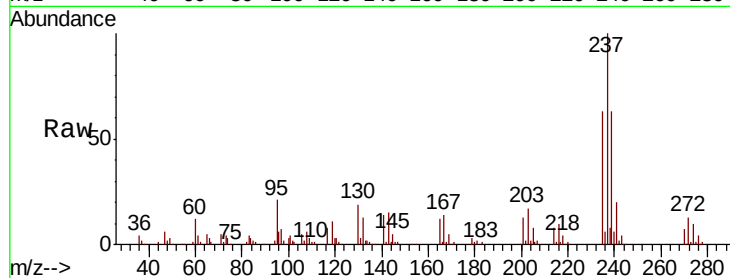
Acq: 23 Oct 2018 23:22

Instrument :

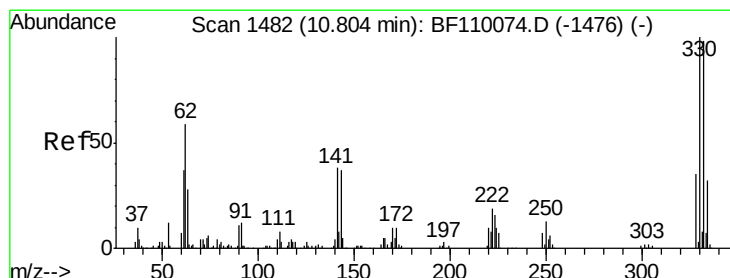
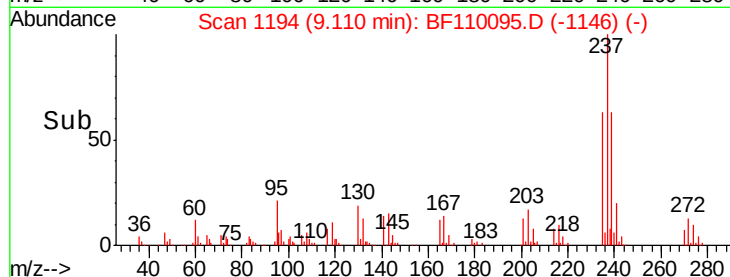
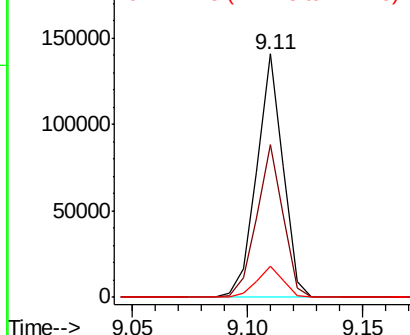
BNA_F

ClientSampleId :

Tot Ion:	237	Resp:	112235
Ion	Ratio	Lower	Upper
237	100		
235	62.6	43.1	83.1
272	12.8	0.0	32.6



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



#42

2,4,6-Tribromophenol

Concen: 130.103 ng

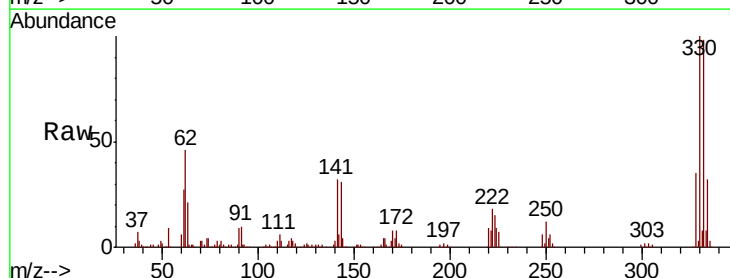
RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

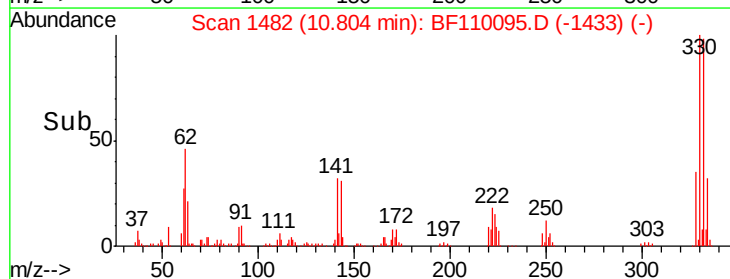
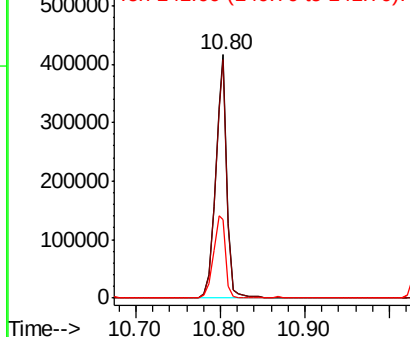
Lab File: BF110095.D

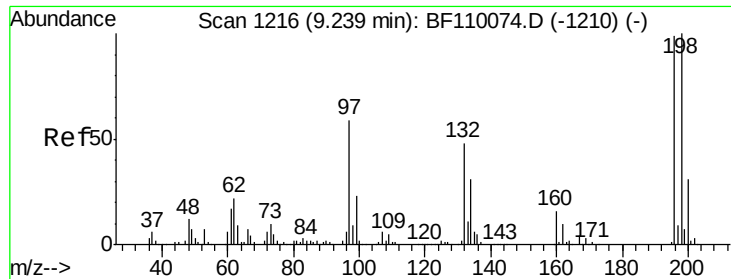
Acq: 23 Oct 2018 23:22

Tgt Ion:	330	Resp:	395825
Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.1	115.7
141	37.4	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

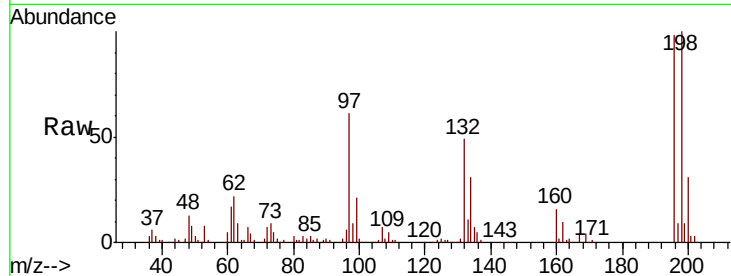




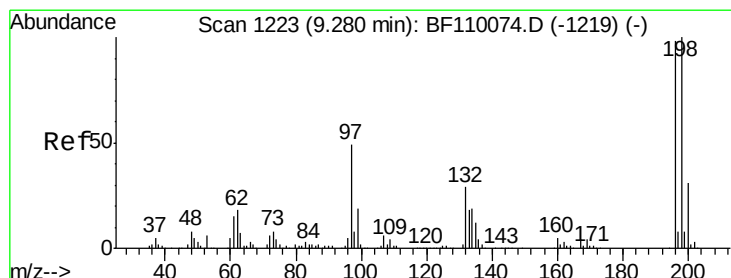
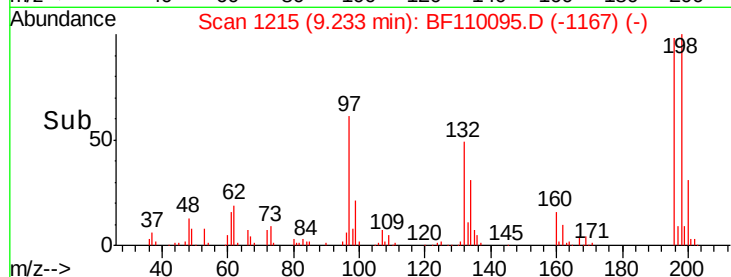
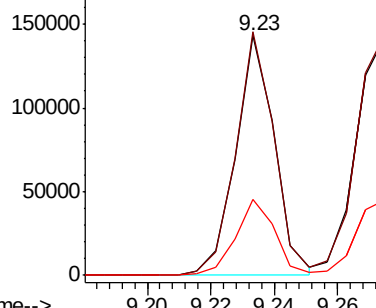
#43
 2,4,6-Trichlorophenol
 Concen: 19.642 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.02 min
 Lab File: BF110095.D
 Acq: 23 Oct 2018 23:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 121240
 Ion Ratio Lower Upper
 196 100
 198 101.6 76.2 114.4
 200 31.8 24.4 36.6



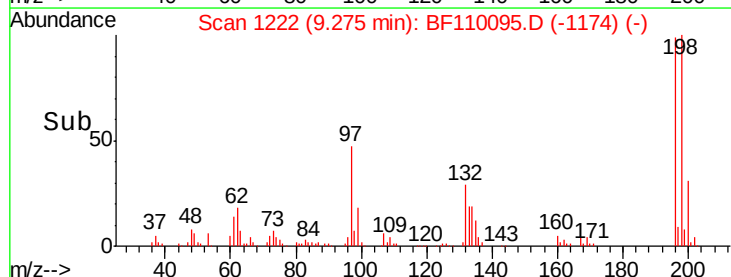
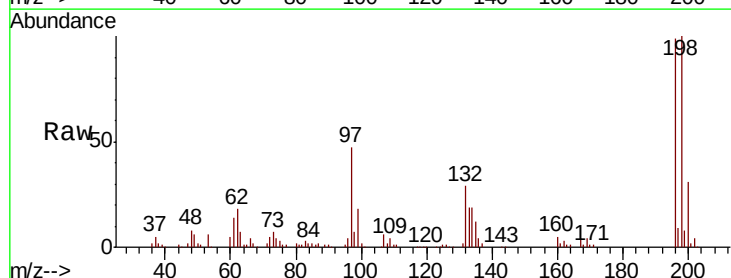
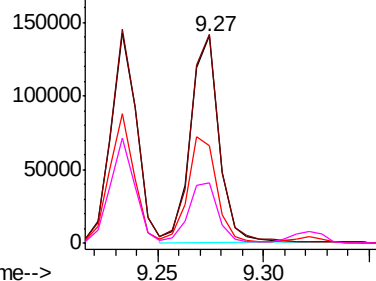
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

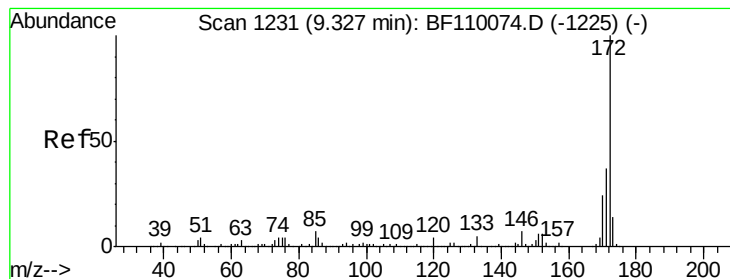


#44
 2,4,5-Trichlorophenol
 Concen: 20.067 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.02 min
 Lab File: BF110095.D
 Acq: 23 Oct 2018 23:22

Tgt Ion:196 Resp: 130925
 Ion Ratio Lower Upper
 196 100
 198 100.9 75.8 113.6
 97 47.0 42.4 63.6
 132 28.9 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: 82.997 ng

RT: 9.32 min Scan# 1230

Delta R.T. -0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

Instrument :

BNA_F

ClientSampleId :

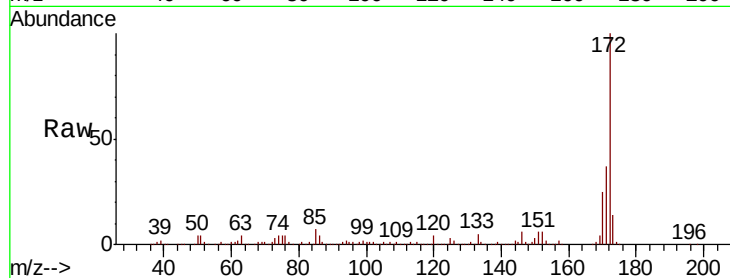
Tot Ion:172 Resp: 1623392

Ion Ratio Lower Upper

172 100

171 36.7 28.6 43.0

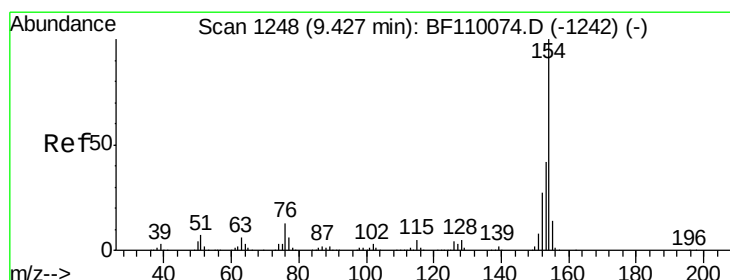
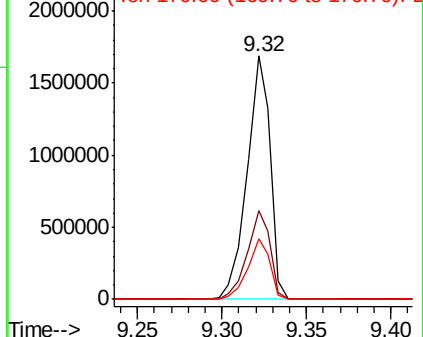
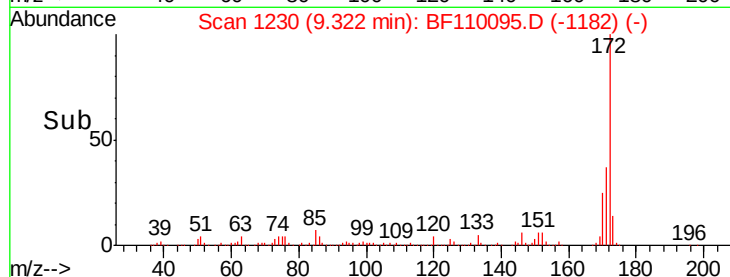
170 24.9 19.7 29.5



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: 19.568 ng

RT: 9.42 min Scan# 1247

Delta R.T. -0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

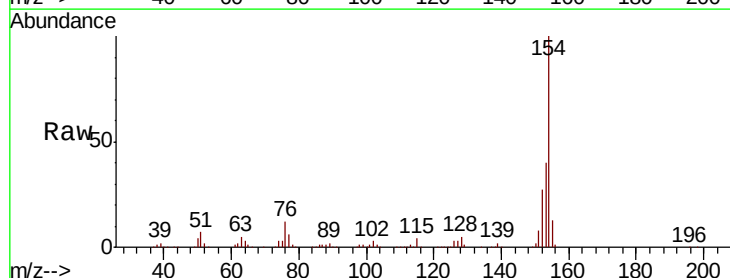
Tgt Ion:154 Resp: 543478

Ion Ratio Lower Upper

154 100

153 39.8 20.4 60.4

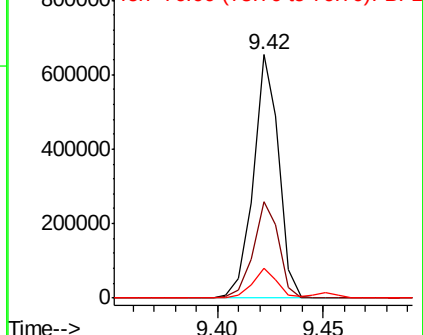
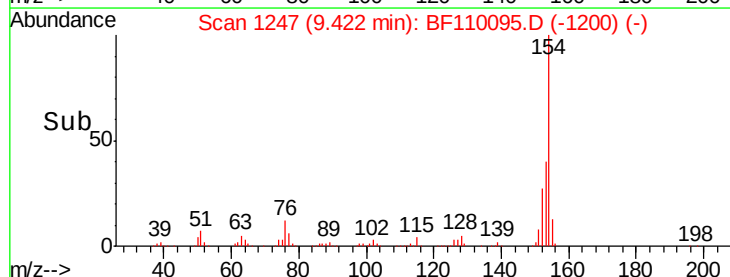
76 12.4 0.0 31.9

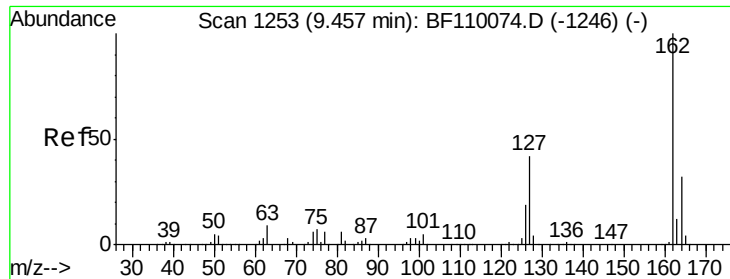


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

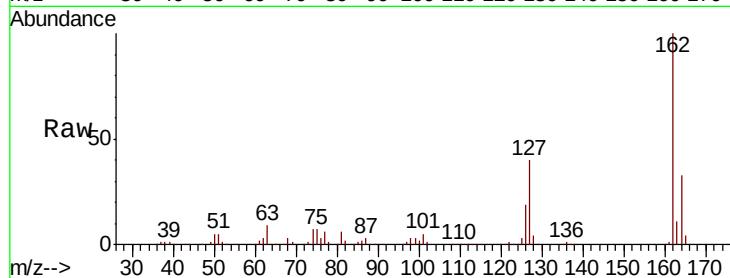




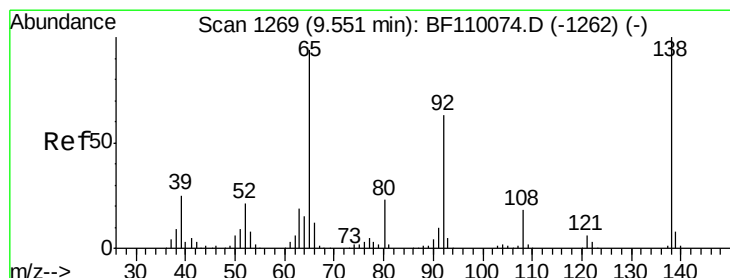
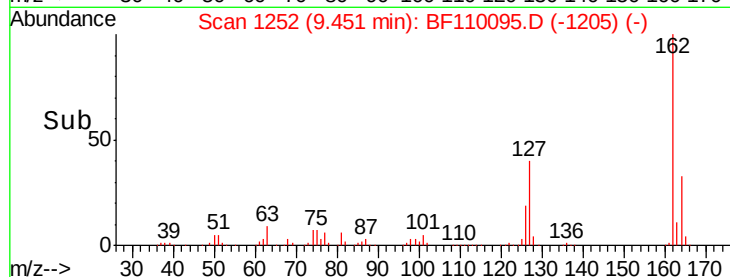
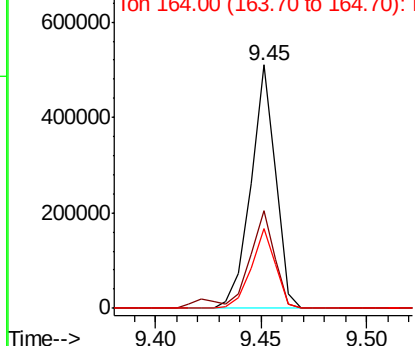
#47
 2-Chloronaphthalene
 Concen: 20.462 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.02 min
 Lab File: BF110095.D
 Acq: 23 Oct 2018 23:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.4	32.6	48.8
164	32.6	25.9	38.9

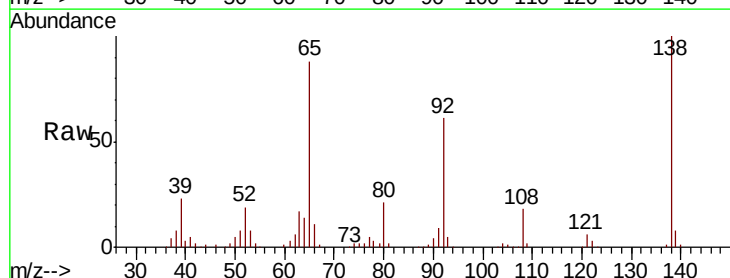


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

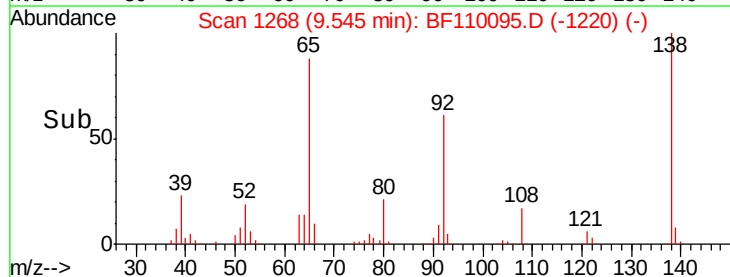
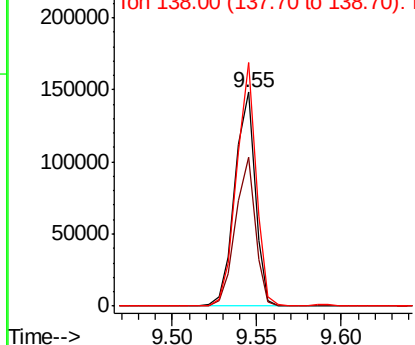


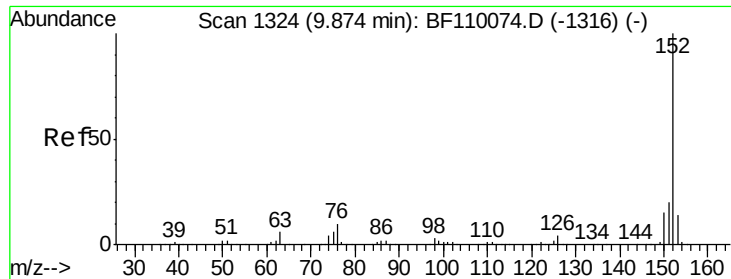
#48
 2-Nitroaniline
 Concen: 20.238 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. -0.02 min
 Lab File: BF110095.D
 Acq: 23 Oct 2018 23:22

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.4	54.6	81.8
138	113.7	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: 22.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

Instrument :

BNA_F

ClientSampleId :

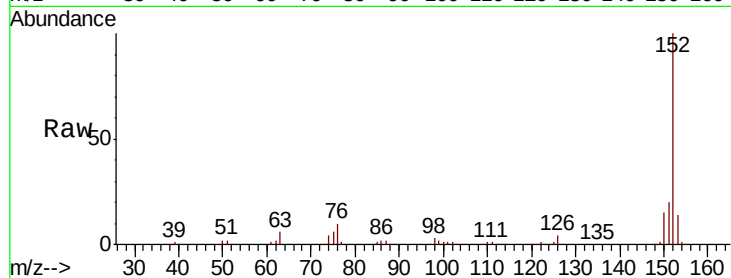
Tot Ion:152 Resp: 647375

Ion Ratio Lower Upper

152 100

151 20.3 15.8 23.8

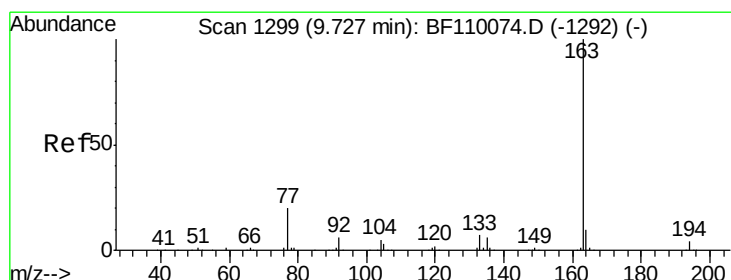
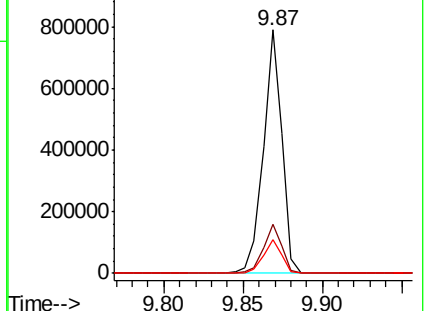
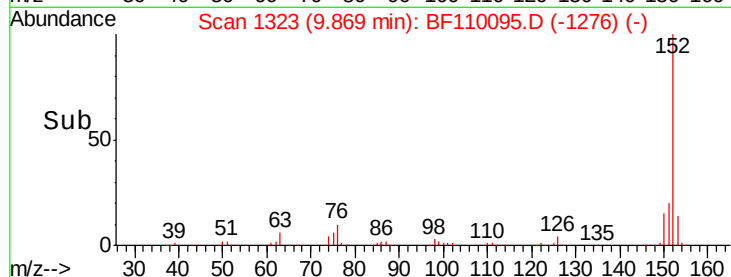
153 14.1 10.4 15.6



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: 20.629 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

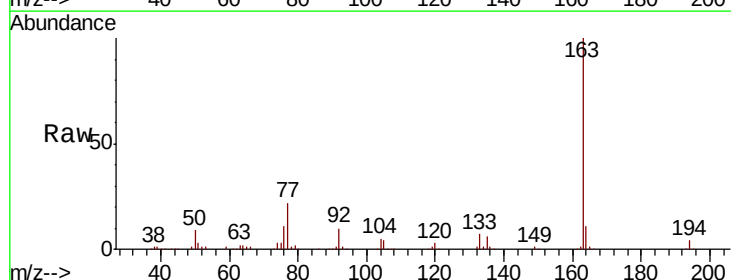
Tgt Ion:163 Resp: 467714

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

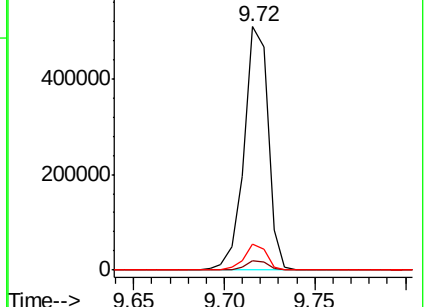
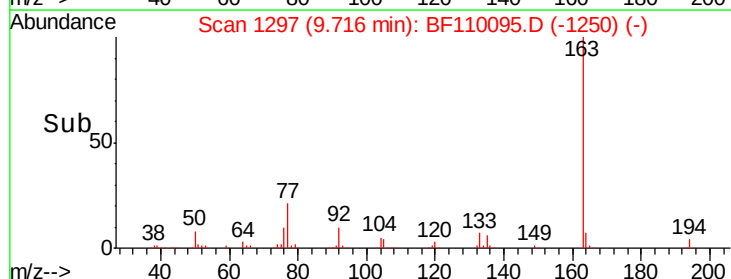
164 10.8 8.1 12.1

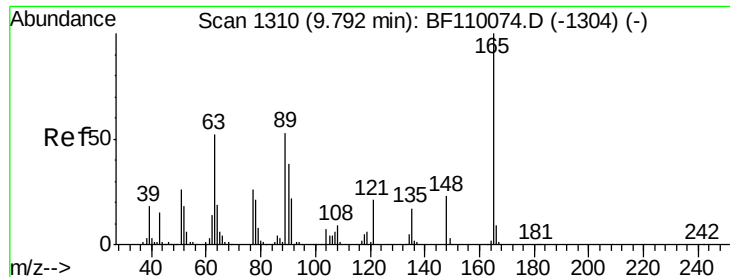


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 21.273 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

Instrument :

BNA_F

ClientSampleId :

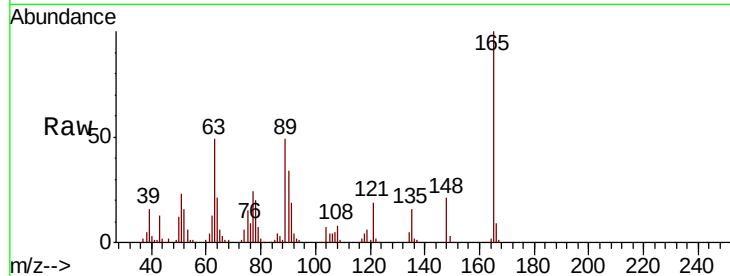
Tot Ion:165 Resp: 103890

Ion Ratio Lower Upper

165 100

63 49.0 48.9 73.3

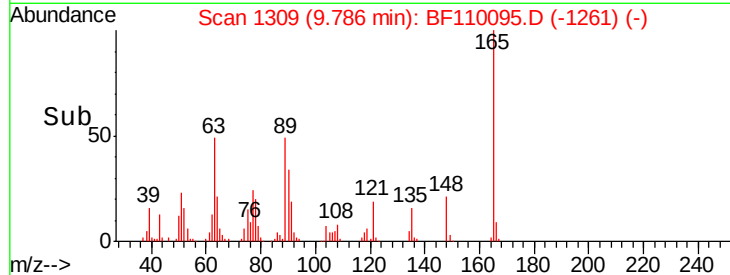
89 49.5 46.6 69.8



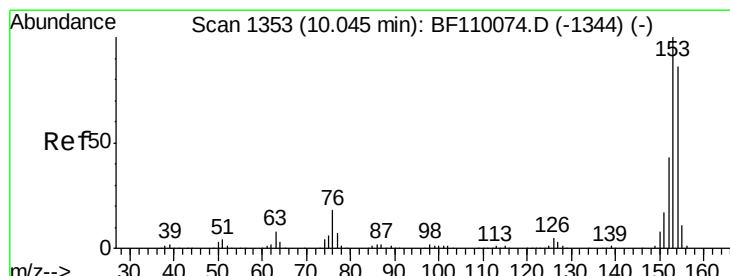
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



Time-->



#52

Acenaphthene

Concen: 21.247 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

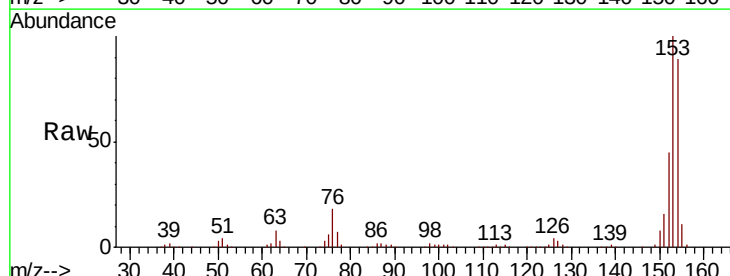
Tgt Ion:154 Resp: 413620

Ion Ratio Lower Upper

154 100

153 112.6 90.1 135.1

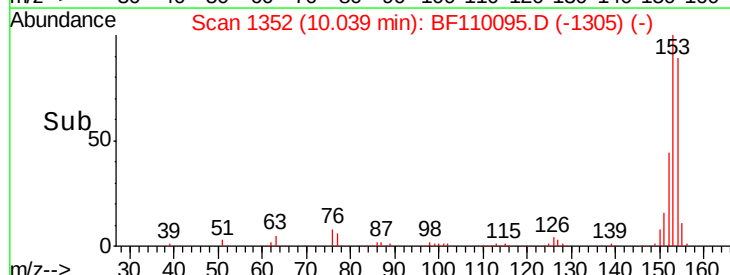
152 50.8 43.4 65.2



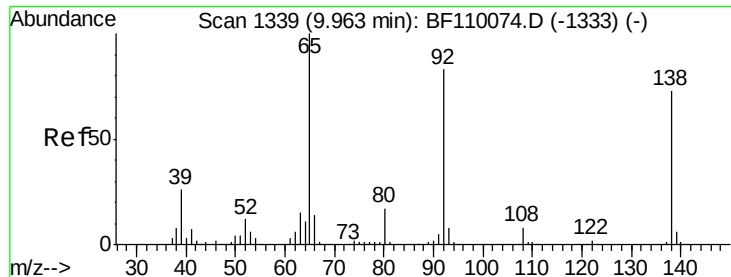
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



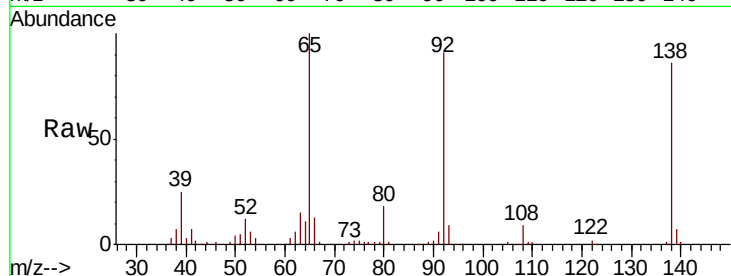
Time-->



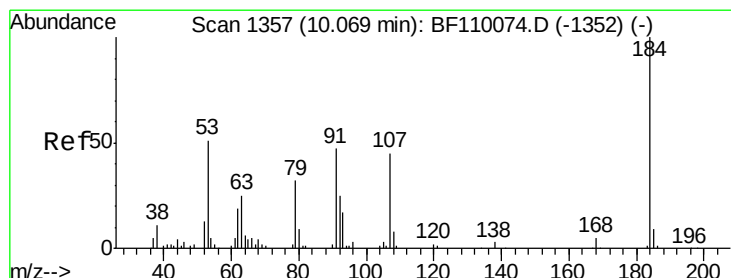
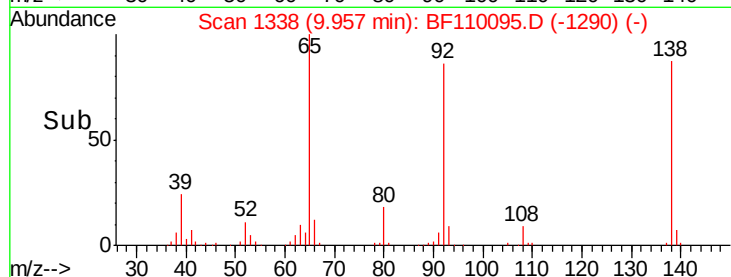
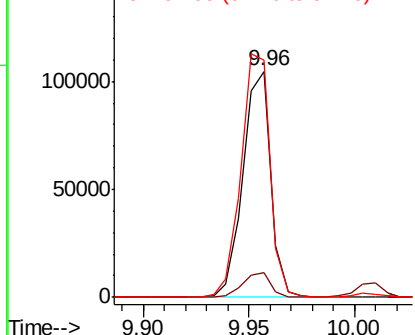
#53
3-Nitroaniline
Concen: 16.489 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 95761
Ion Ratio Lower Upper
138 100
108 10.7 8.7 13.1
92 105.3 97.0 145.4

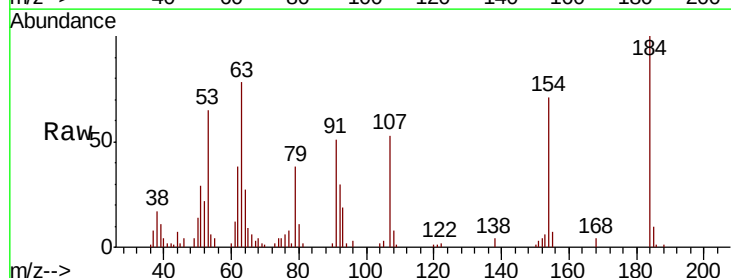


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

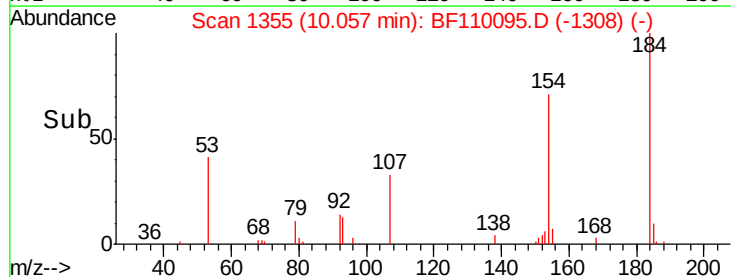
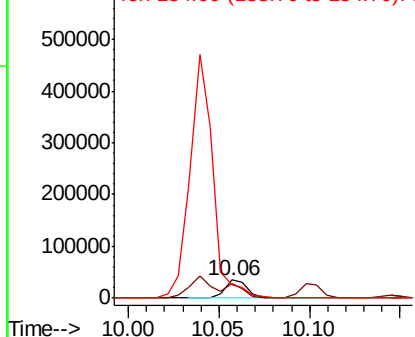


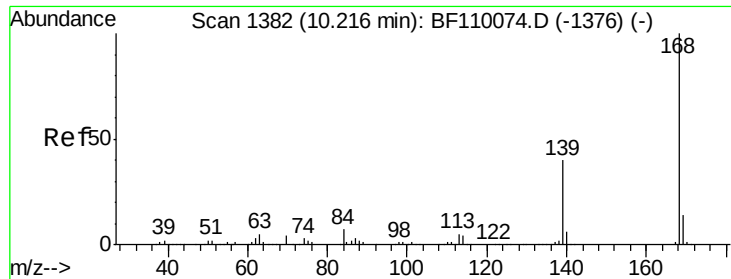
#54
2,4-Dinitrophenol
Concen: 20.464 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Tgt Ion:184 Resp: 31683
Ion Ratio Lower Upper
184 100
63 78.4 55.8 83.6
154 70.6 63.2 94.8



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





#55

Dibenzenofuran

Concen: 21.022 ng

RT: 10.21 min Scan# 1381

Delta R.T. -0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

Instrument :

BNA_F

ClientSampled :

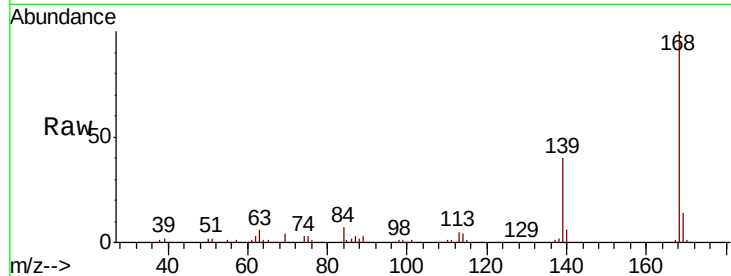
Tot Ion:168 Resp: 572956

Ion Ratio Lower Upper

168 100

139 39.9 33.0 49.6

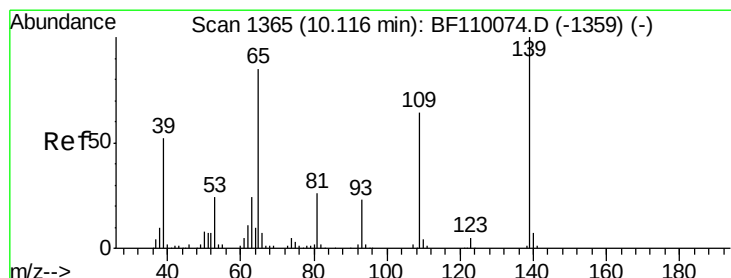
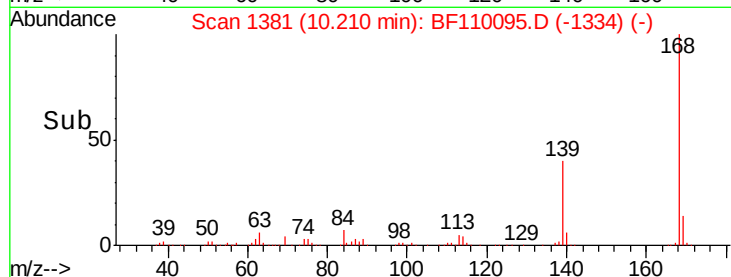
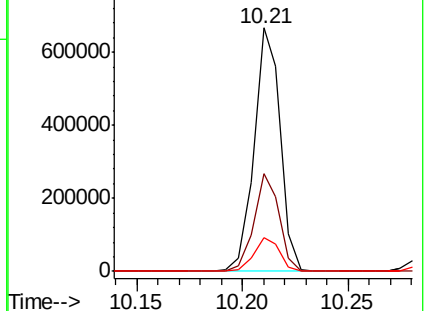
169 13.6 11.3 16.9



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: 20.866 ng

RT: 10.10 min Scan# 1363

Delta R.T. -0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

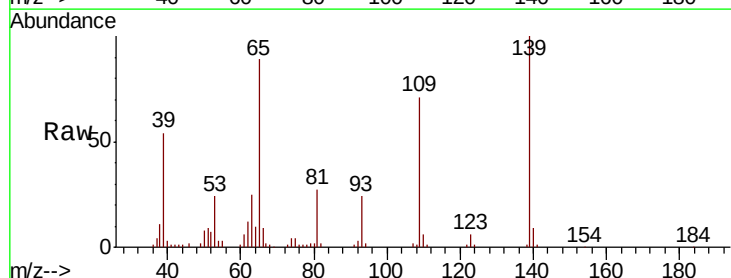
Tgt Ion:139 Resp: 89687

Ion Ratio Lower Upper

139 100

109 70.6 55.8 95.8

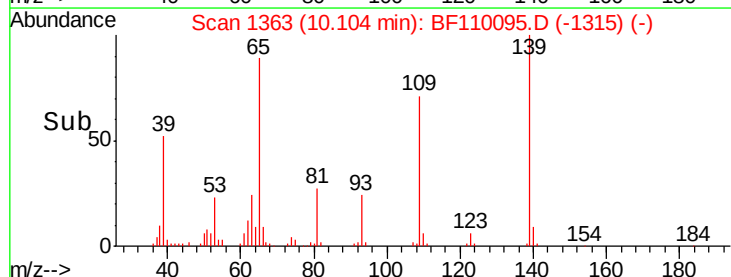
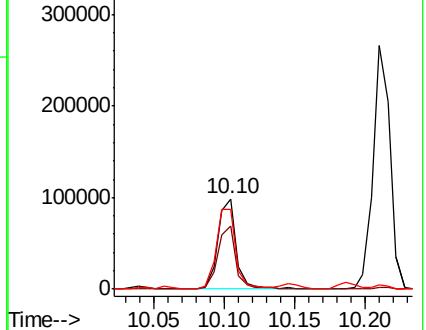
65 88.7 77.9 117.9

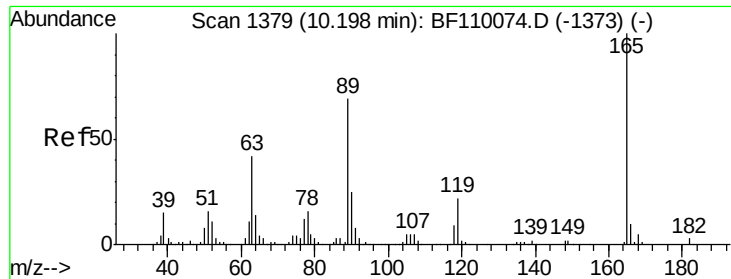


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 22.005 ng

RT: 10.19 min Scan# 1377

Delta R.T. -0.02 min

Lab File: BF110095.D

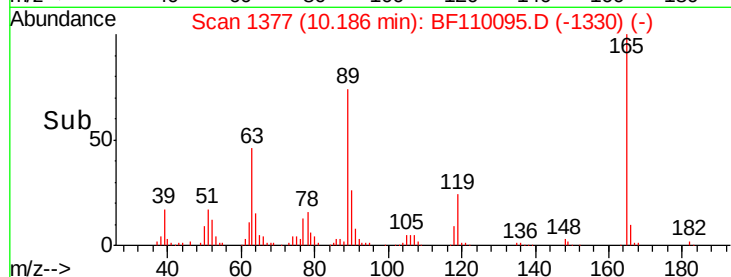
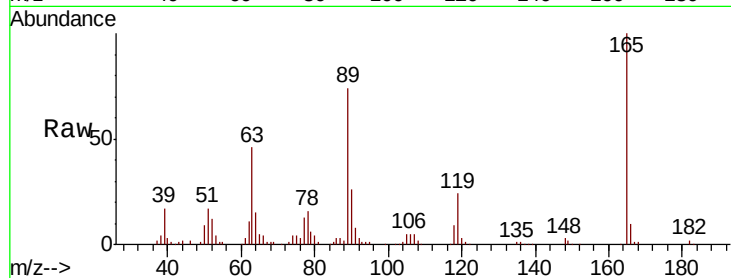
Acq: 23 Oct 2018 23:22

Instrument :

BNA_F

ClientSampled :

Tot Ion:165	Resp:	136497
Ion Ratio	Lower	Upper
165	100	
63	46.2	44.8 67.2
89	73.5	62.2 93.4
182	2.5	2.1 3.1

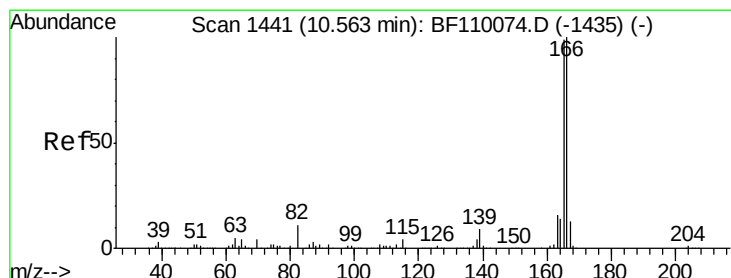
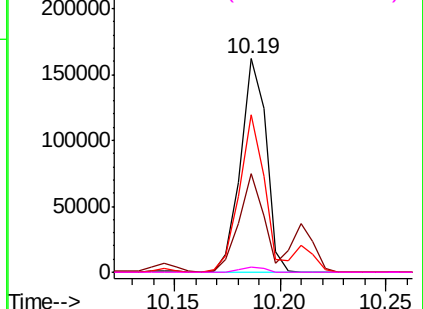


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 22.116 ng

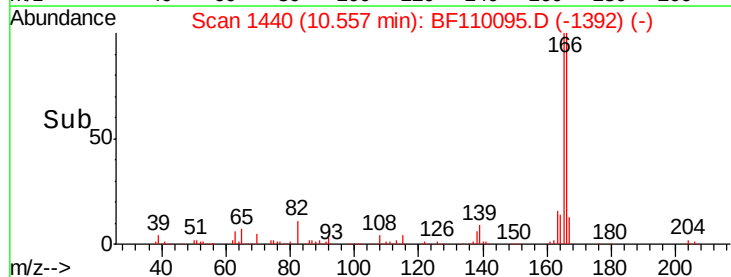
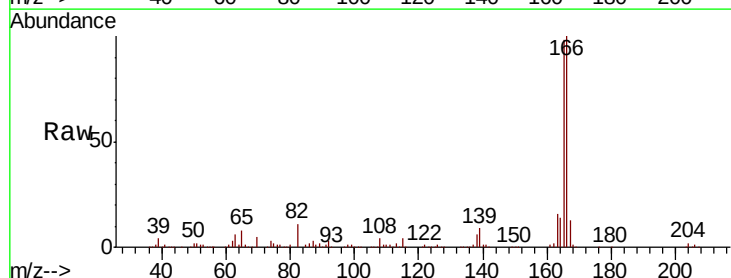
RT: 10.56 min Scan# 1440

Delta R.T. -0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

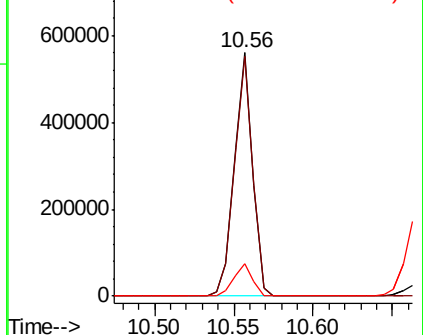
Tgt Ion:166	Resp:	448619
Ion Ratio	Lower	Upper
166	100	
165	98.4	78.6 117.8
167	13.3	10.8 16.2

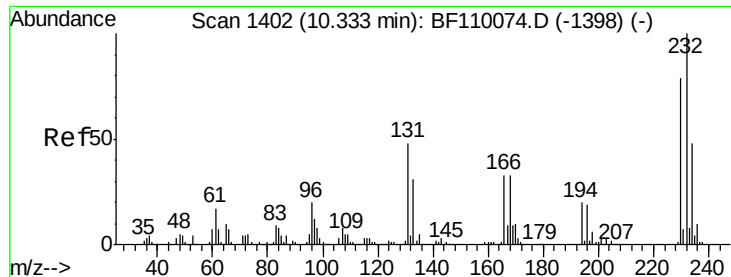


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

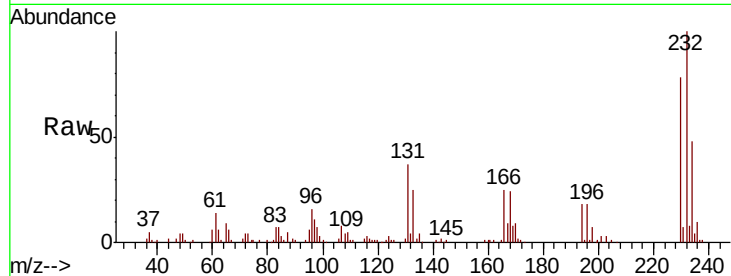




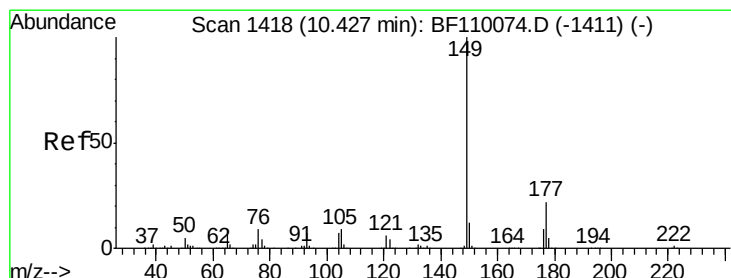
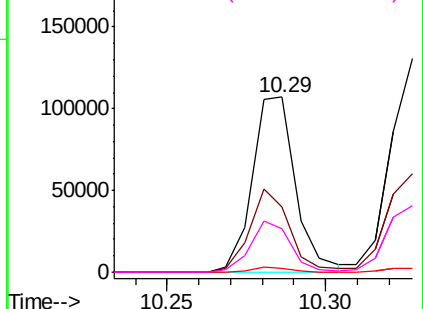
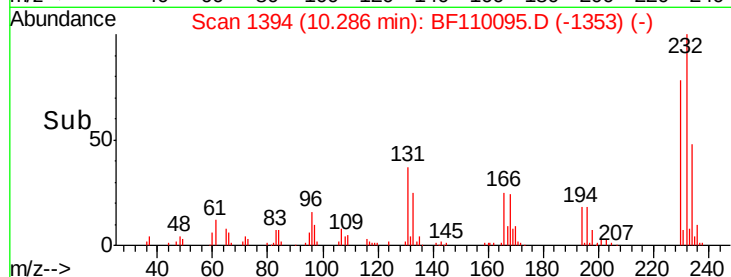
#59
2,3,4,6-Tetrachlorophenol
Concen: 19.088 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.06 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232	Resp:	101512
Ion Ratio	Lower	Upper
232	100	
131	43.4	37.0 55.4
130	2.3	1.8 2.6
166	27.4	22.0 33.0

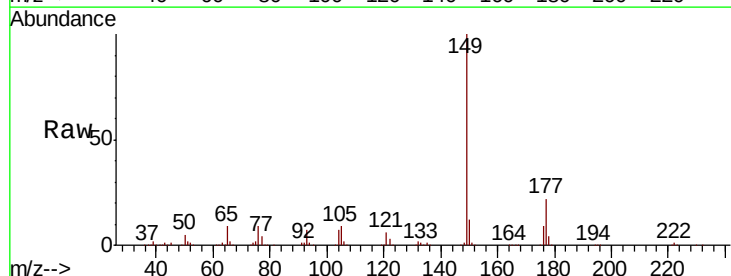


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

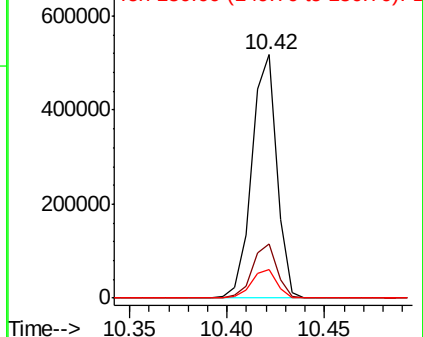
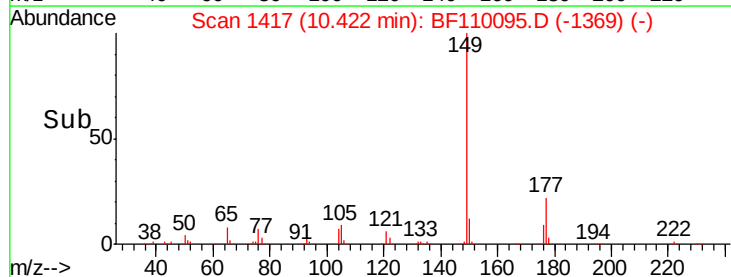


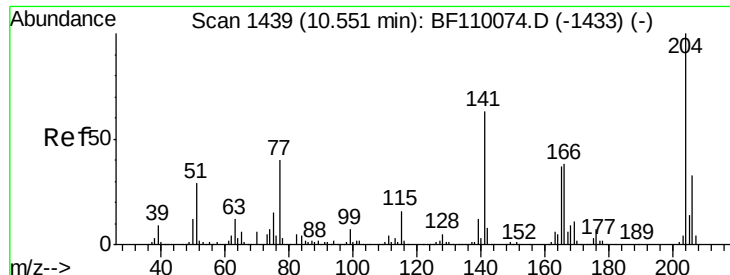
#60
Diethylphthalate
Concen: 20.816 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Tgt Ion:149	Resp:	460690
Ion Ratio	Lower	Upper
149	100	
177	22.3	17.4 26.2
150	11.9	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

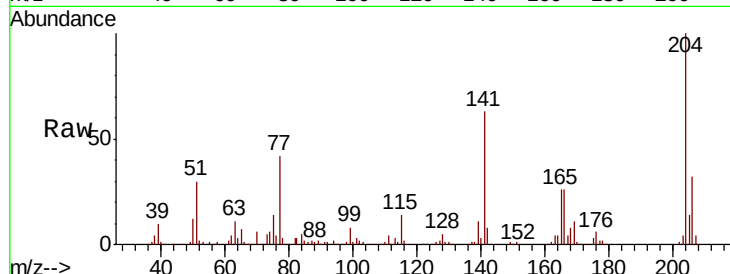




#61
4-Chlorophenyl-phenylether
Concen: 20.258 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.0	26.5	39.7
141	62.8	51.8	77.8

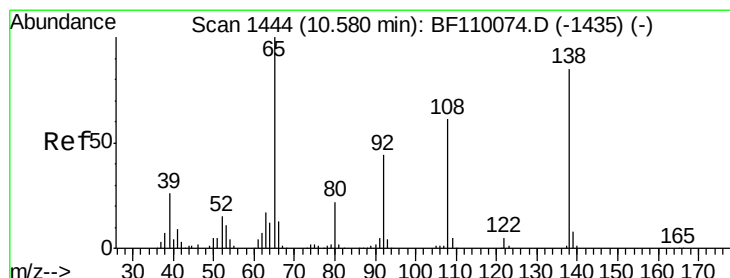
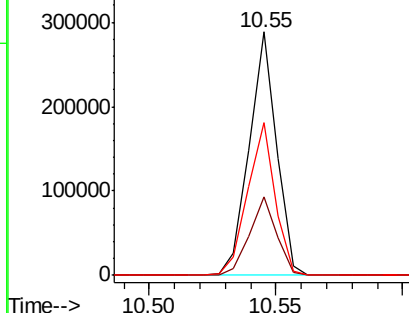
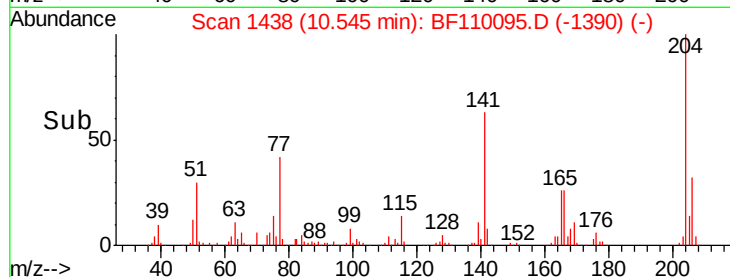


Abundance

Ion 204.00 (203.70 to 204.70): E

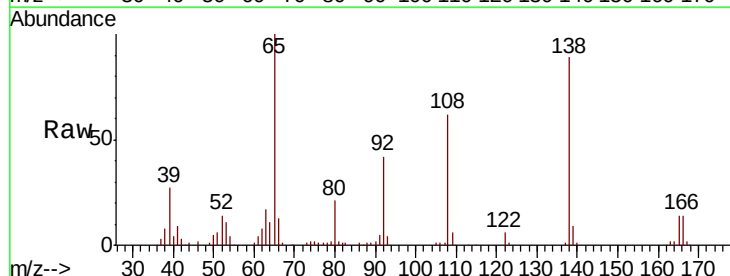
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 19.960 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.5	31.7	71.7
108	69.7	59.3	99.3

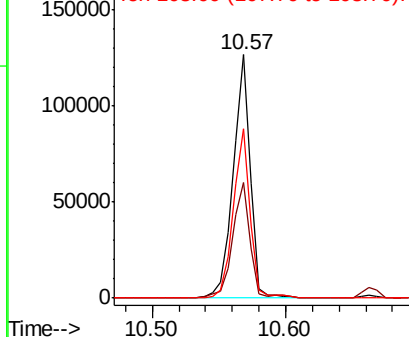
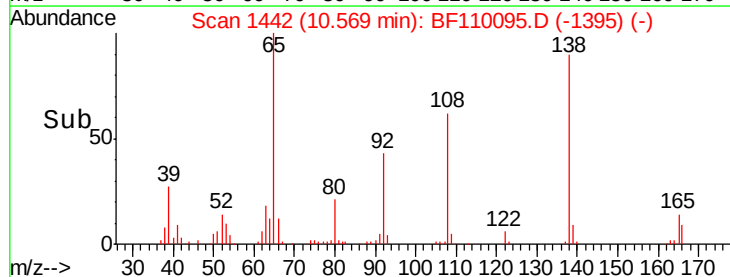


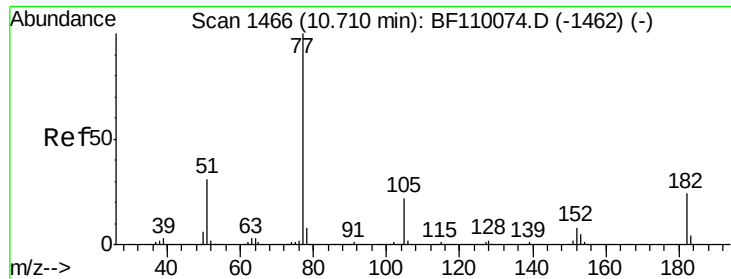
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E

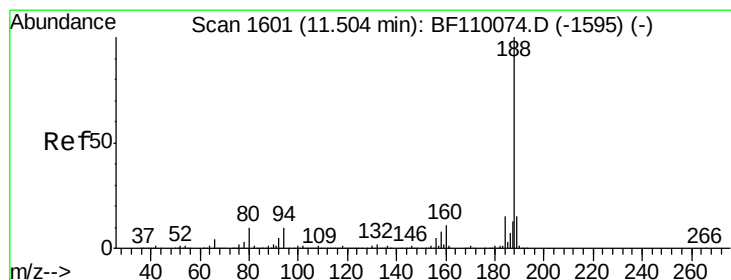
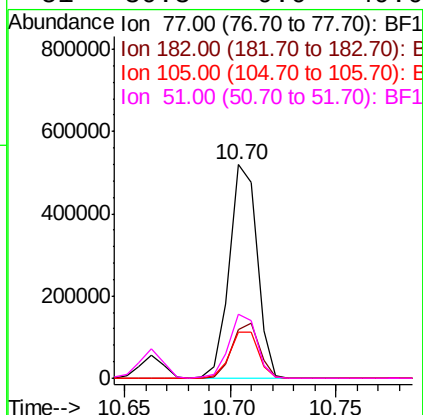
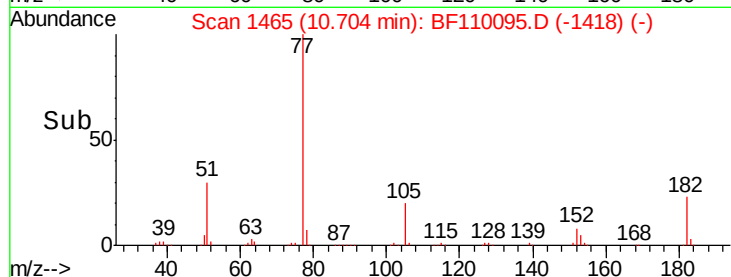
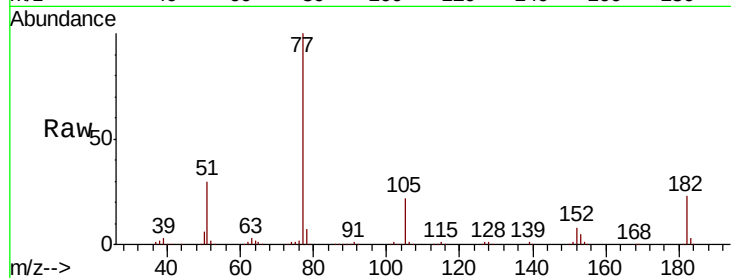




#63
Azobenzene
Concen: 21.412 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

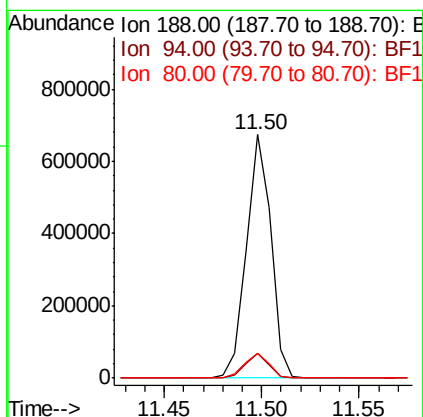
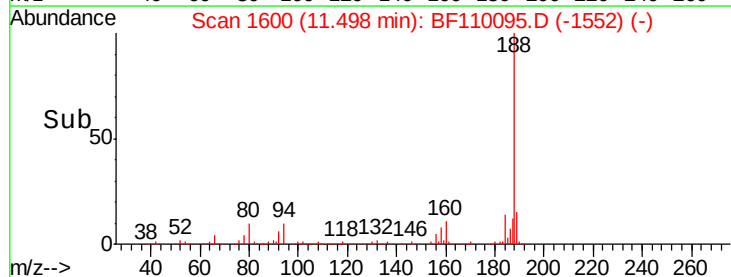
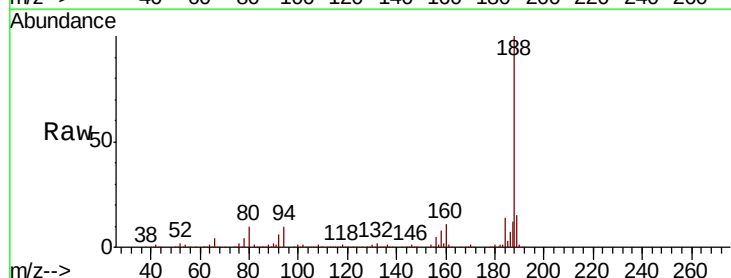
Instrument :
BNA_F
ClientSampleId :

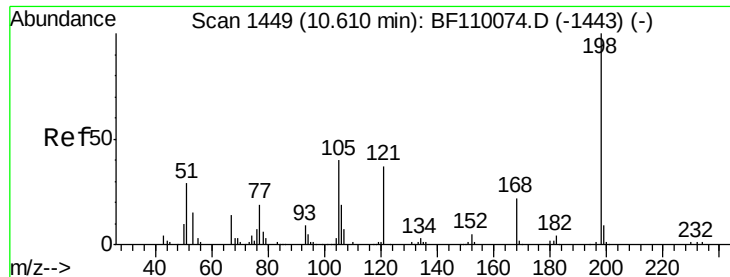
Tot Ion:	77	Resp:	470387
Ion	Ratio	Lower	Upper
77	100		
182	23.0	4.3	44.3
105	21.8	1.3	41.3
51	30.3	9.0	49.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Tgt Ion:	188	Resp:	587243
Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.2	10.8
80	10.2	7.9	11.9





#65

4,6-Dinitro-2-methylphenol

Concen: 17.128 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

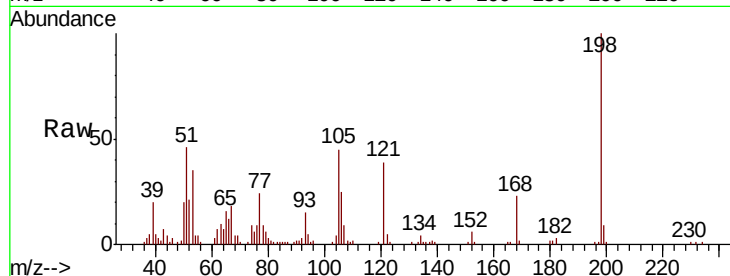
Instrument :

BNA_F

ClientSampled :

Tot Ion:198 Resp: 45953

Ion	Ratio	Lower	Upper
198	100		
51	46.2	22.8	62.8
105	44.7	23.6	63.6

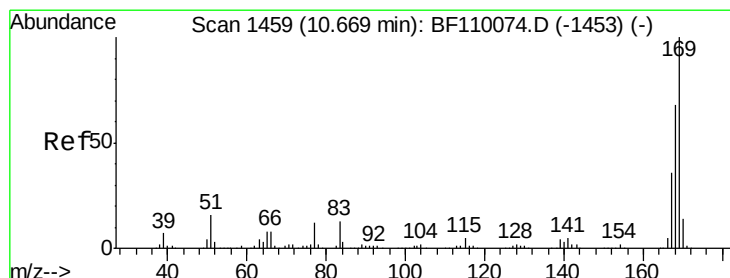
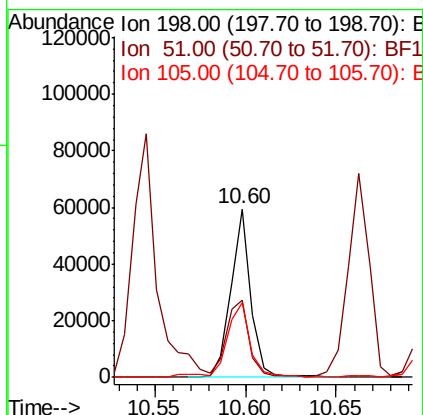
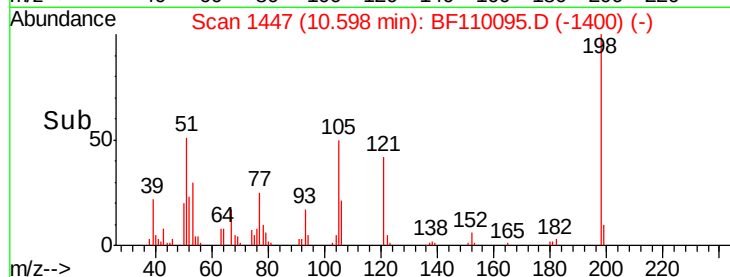


Abundance

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: 20.750 ng

RT: 10.66 min Scan# 1458

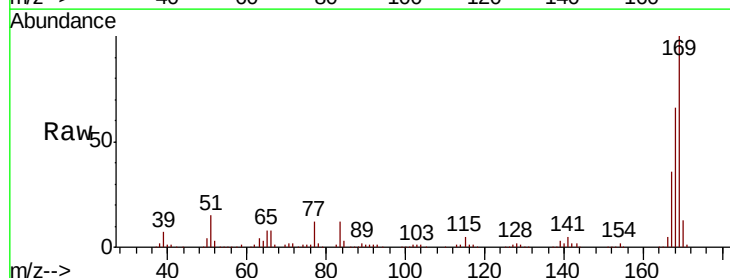
Delta R.T. -0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

Tgt Ion:169 Resp: 399683

Ion	Ratio	Lower	Upper
169	100		
168	66.3	51.2	76.8
167	36.3	27.8	41.6

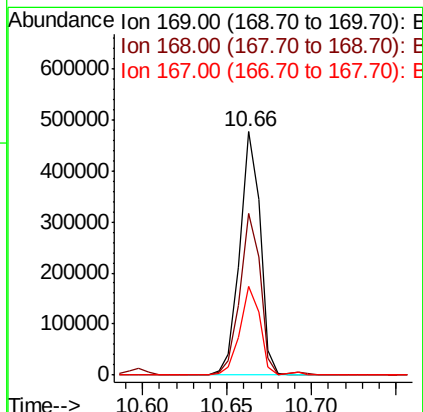
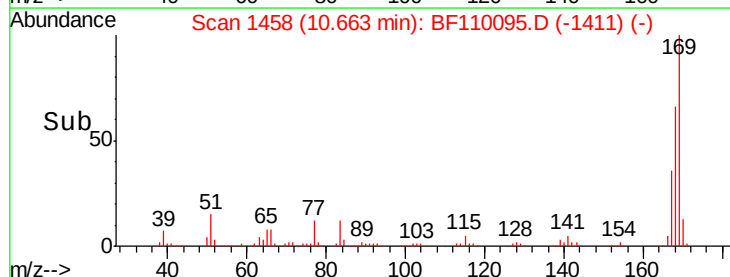


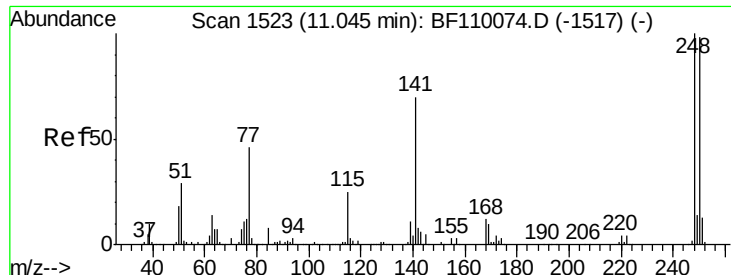
Abundance

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

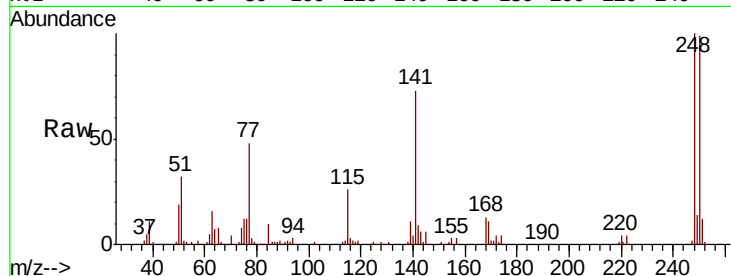




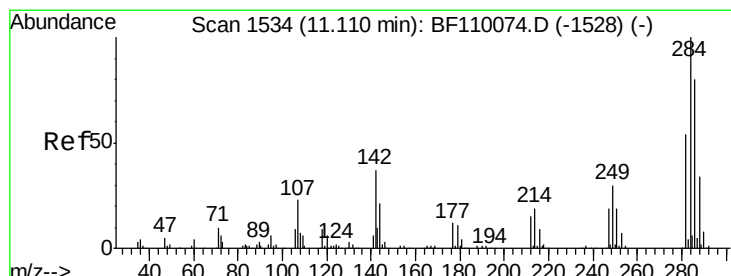
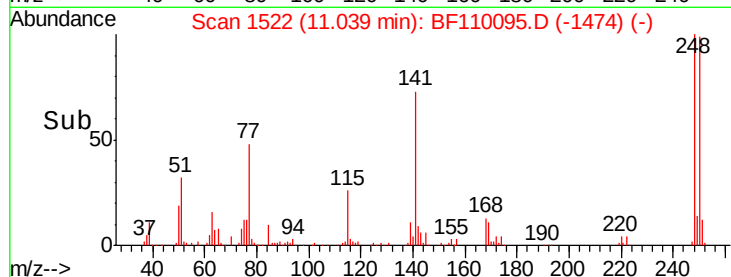
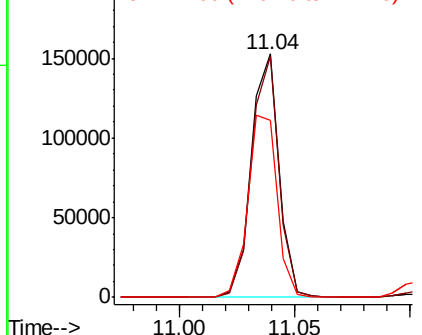
#67
4-Bromophenyl-phenylether
Concen: 20.248 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 128978
Ion Ratio Lower Upper
248 100
250 98.9 79.4 119.2
141 72.5 55.9 83.9

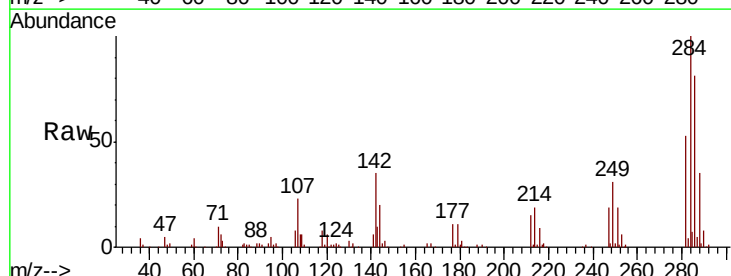


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

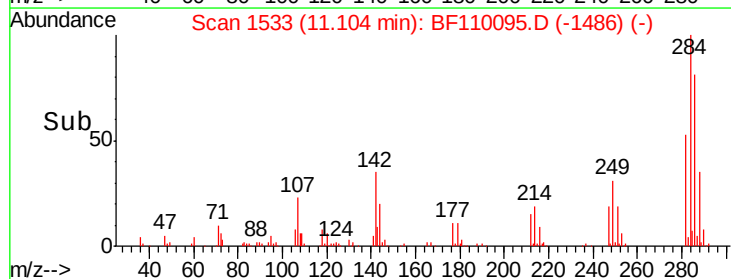
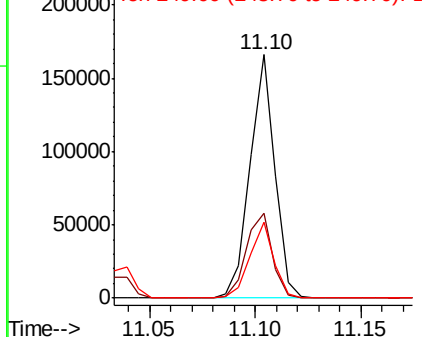


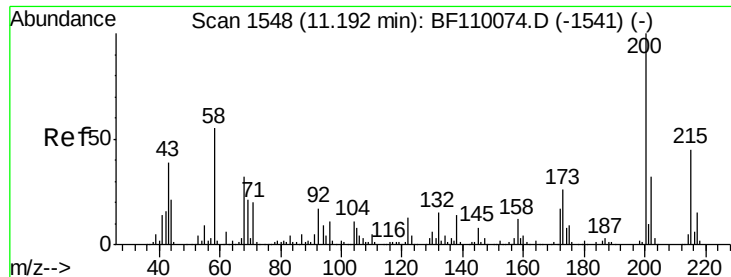
#68
Hexachlorobenzene
Concen: 20.098 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Tgt Ion:284 Resp: 135835
Ion Ratio Lower Upper
284 100
142 34.7 23.9 35.9
249 31.3 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

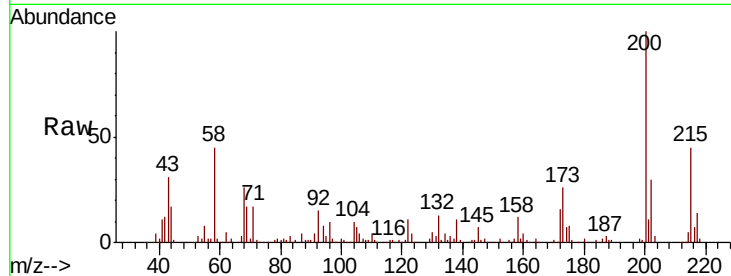




#69
Atrazine
Concen: 21.278 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.8	6.6	46.6
215	45.1	26.3	66.3

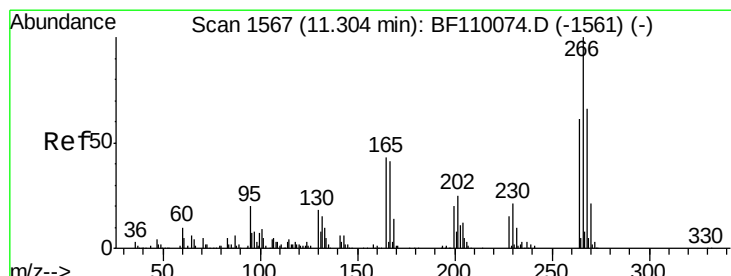
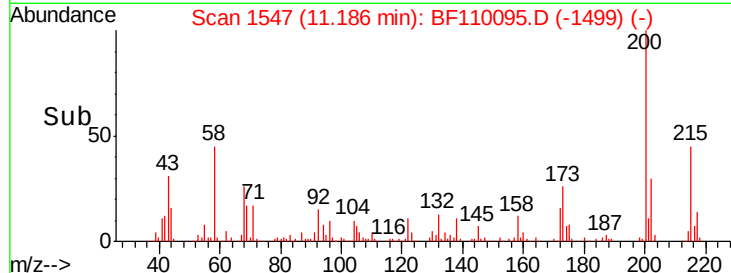
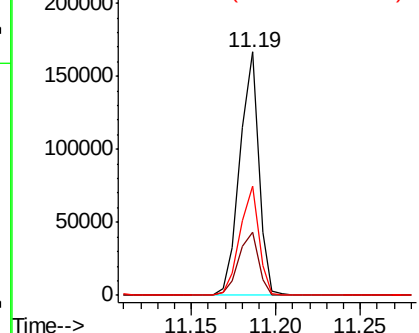


Abundance

Ion 200.00 (199.70 to 200.70): E

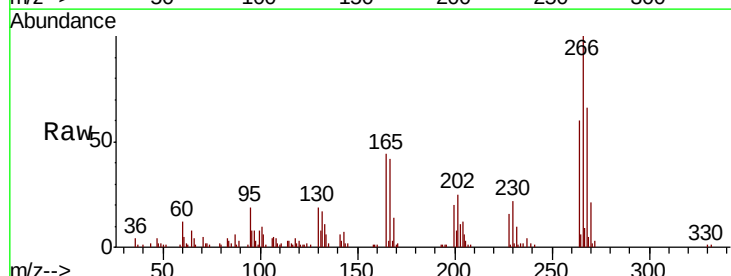
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 15.766 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.3	50.6	75.8
264	60.1	50.6	75.8

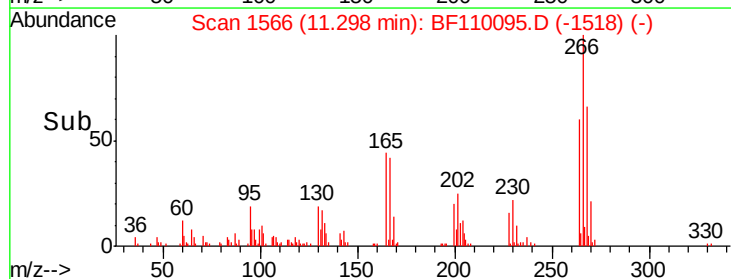
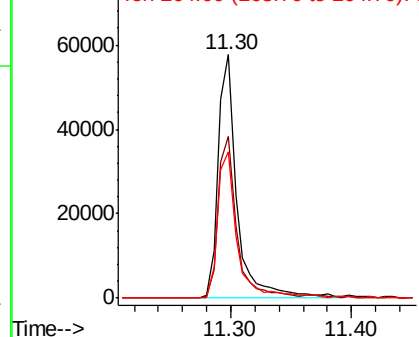


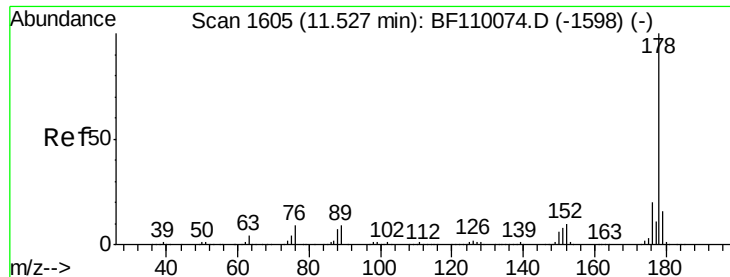
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

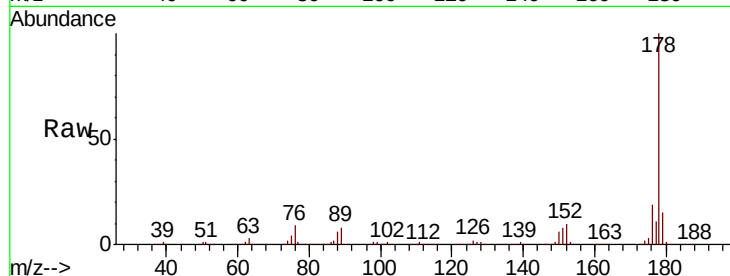




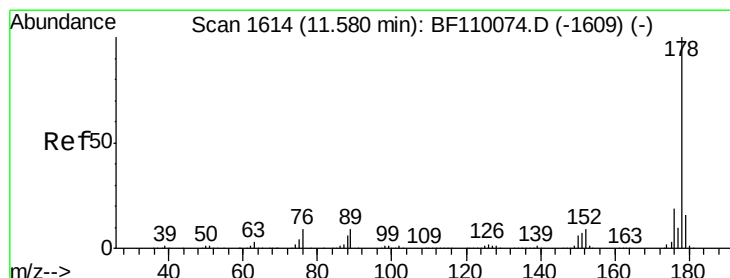
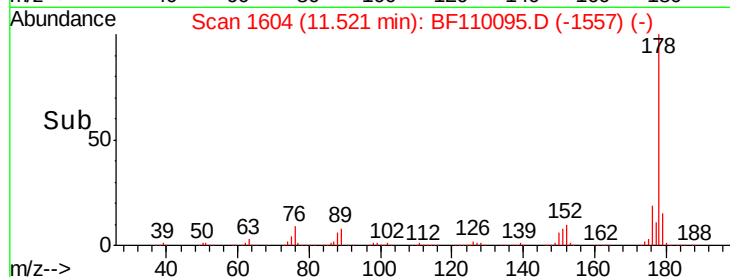
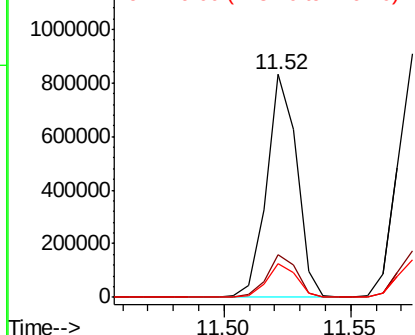
#71
Phenanthrene
Concen: 22.247 ng
RT: 11.52 min Scan# 1604
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 683583
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.4 12.5 18.7

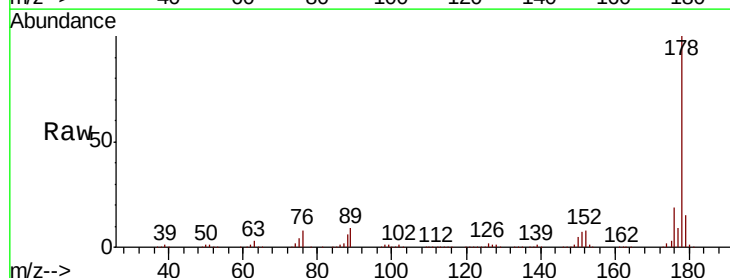


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

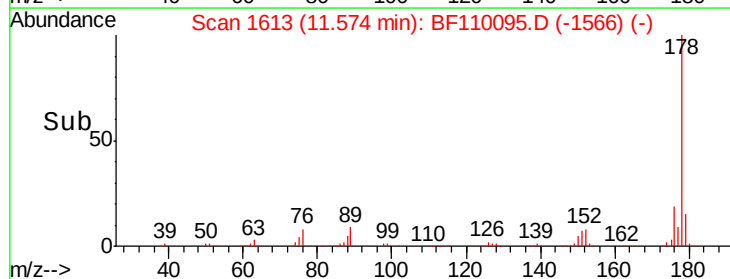
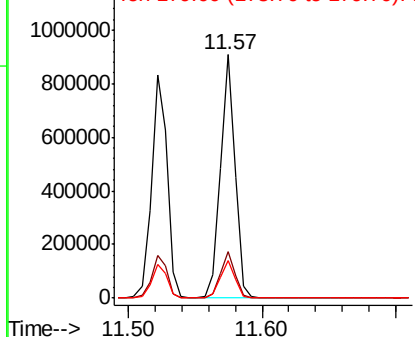


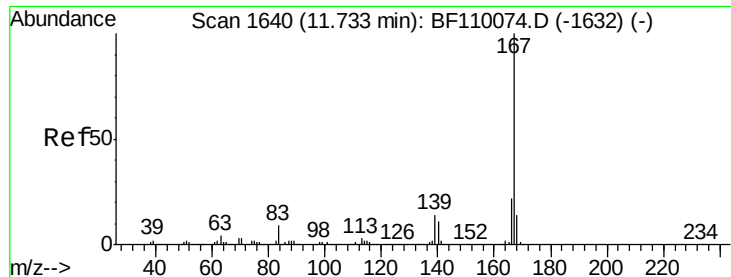
#72
Anthracene
Concen: 22.904 ng
RT: 11.57 min Scan# 1613
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Tgt Ion:178 Resp: 705413
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.3 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

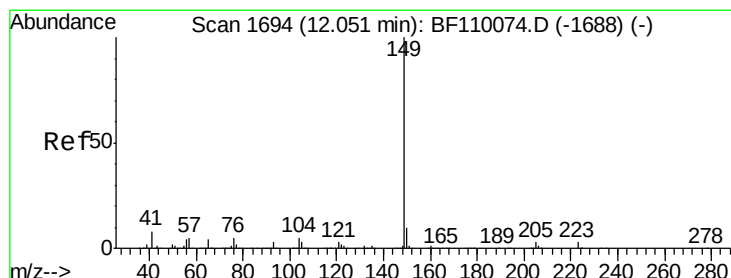
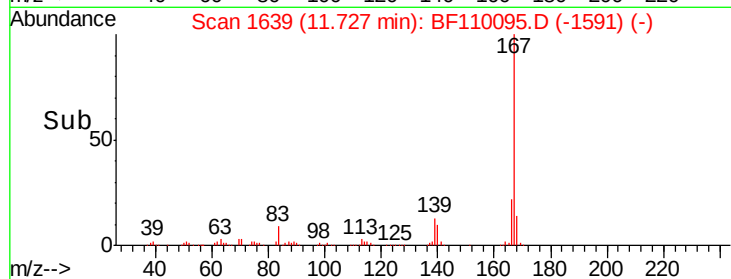
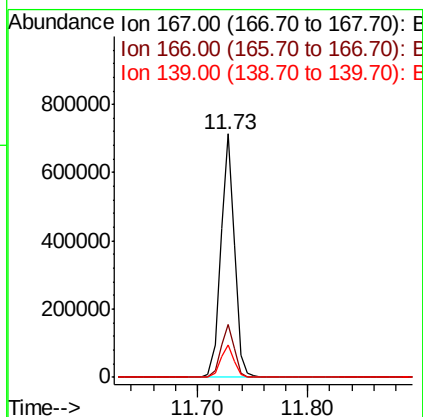
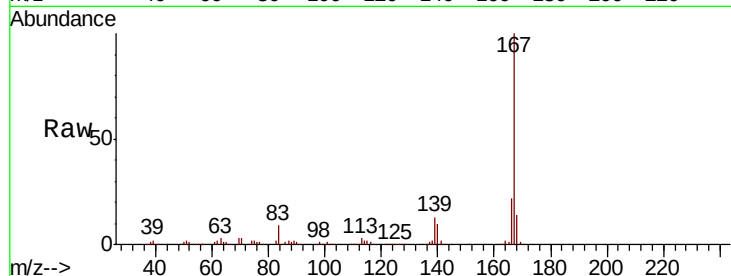




#73
 Carbazole
 Concen: 20.335 ng
 RT: 11.73 min Scan# 1639
 Delta R.T. -0.02 min
 Lab File: BF110095.D
 Acq: 23 Oct 2018 23:22

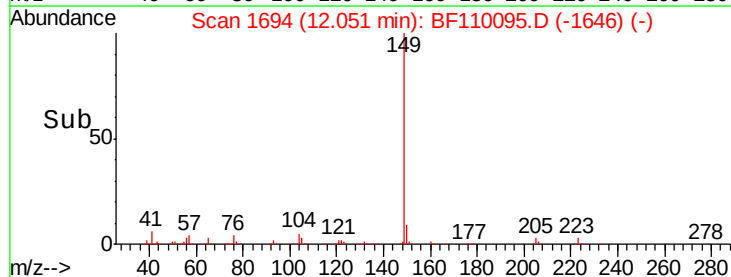
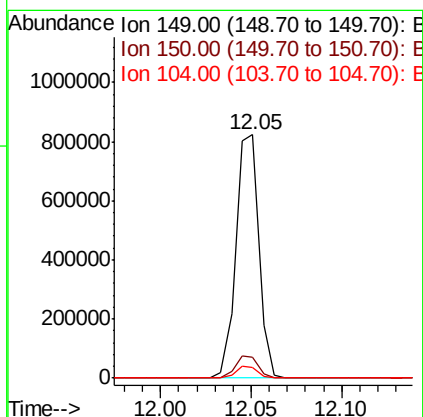
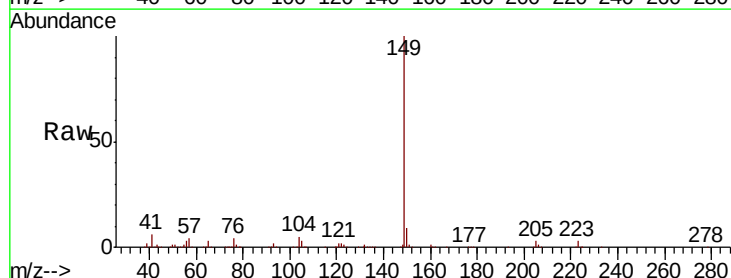
Instrument :
 BNA_F
 ClientSampleId :

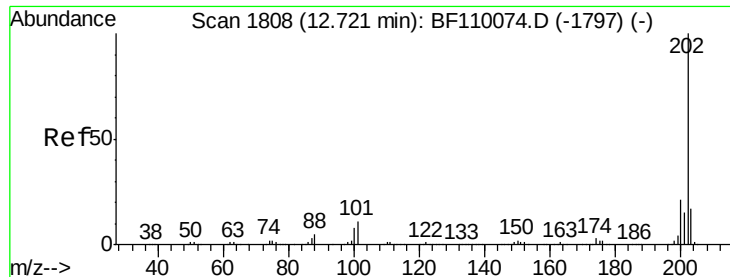
Tot Ion:167 Resp: 611504
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.0
 139 13.3 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 21.381 ng
 RT: 12.05 min Scan# 1694
 Delta R.T. -0.02 min
 Lab File: BF110095.D
 Acq: 23 Oct 2018 23:22

Tgt Ion:149 Resp: 726183
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.7 11.5
 104 4.5 4.2 6.4

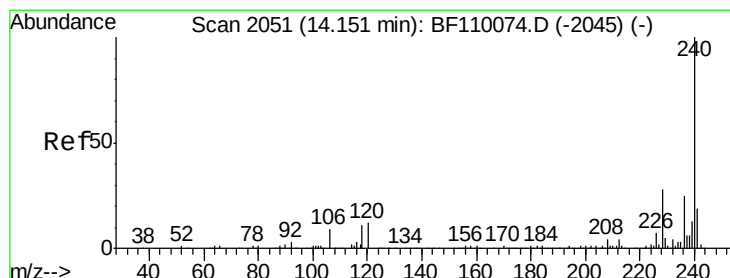
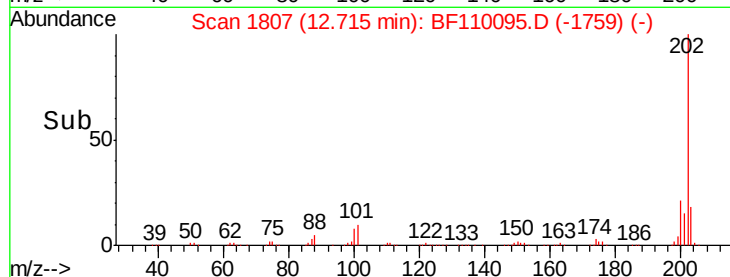
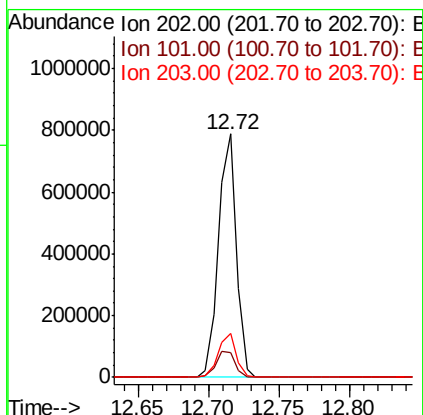
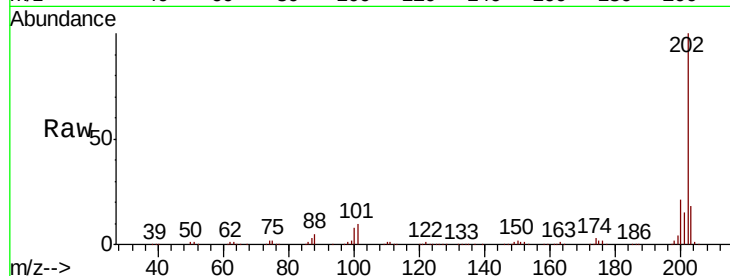




#75
 Fluoranthene
 Concen: 22.297 ng
 RT: 12.72 min Scan# 1807
 Delta R.T. -0.02 min
 Lab File: BF110095.D
 Acq: 23 Oct 2018 23:22

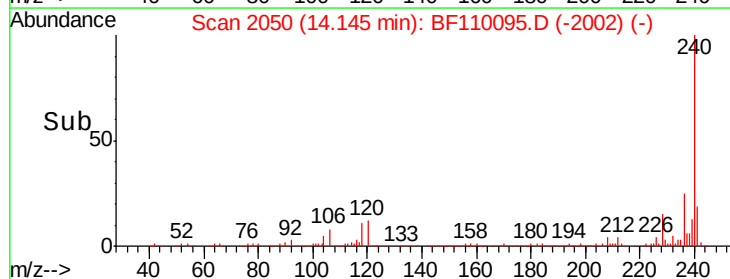
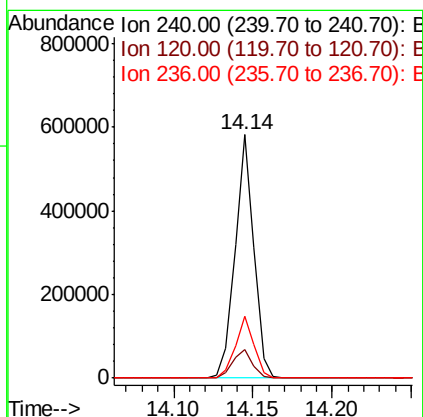
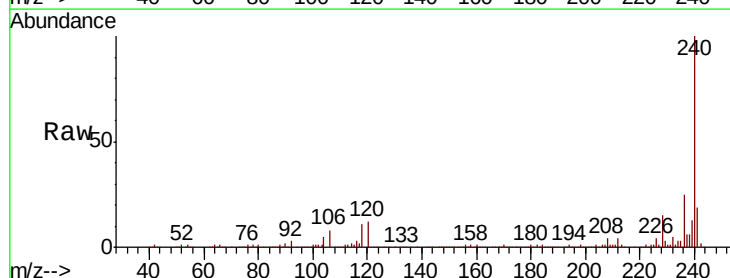
Instrument :
 BNA_F
 ClientSampleId :

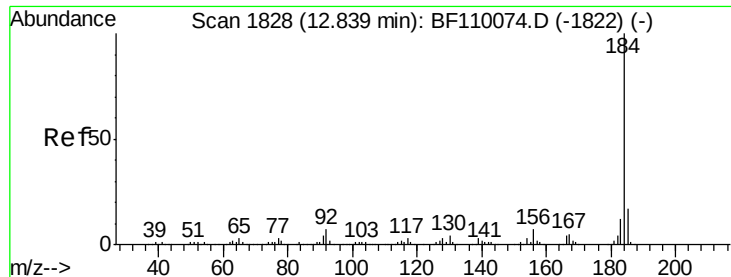
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	31.4
203	17.8	0.0	37.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2050
 Delta R.T. -0.02 min
 Lab File: BF110095.D
 Acq: 23 Oct 2018 23:22

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.3	12.5
236	25.4	21.2	31.8





#77

Benzidine

Concen: 11.571 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

Instrument :

BNA_F

ClientSampleId :

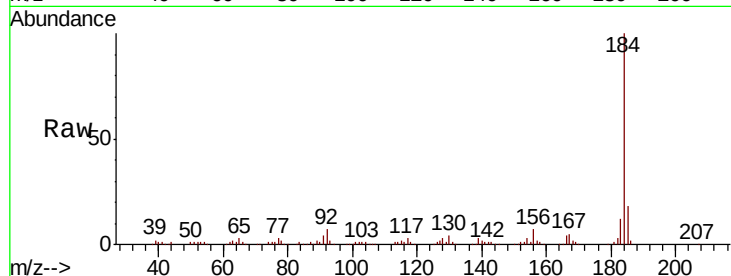
Tot Ion:184 Resp: 213355

Ion	Ratio	Lower	Upper
184	100		
185	18.4	13.4	20.2
183	11.7	9.4	14.2

184 100

185 18.4 13.4 20.2

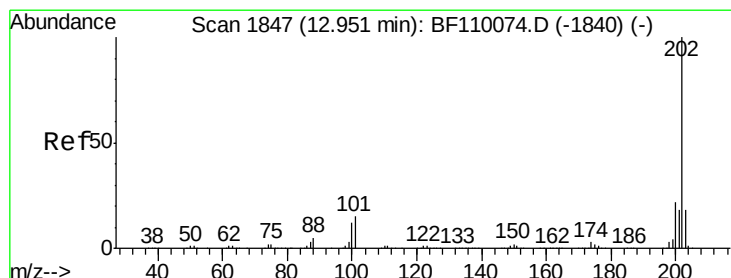
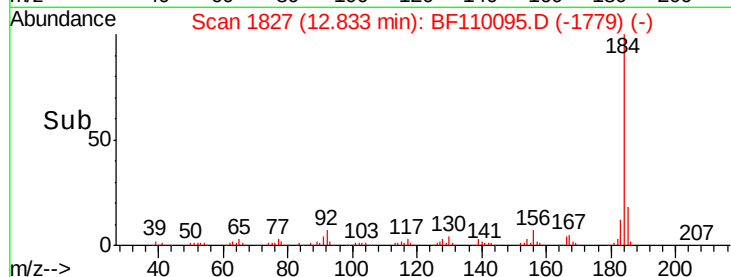
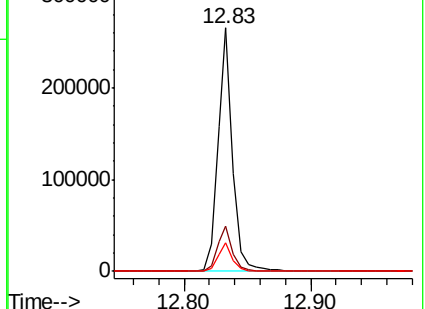
183 11.7 9.4 14.2



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: 20.368 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

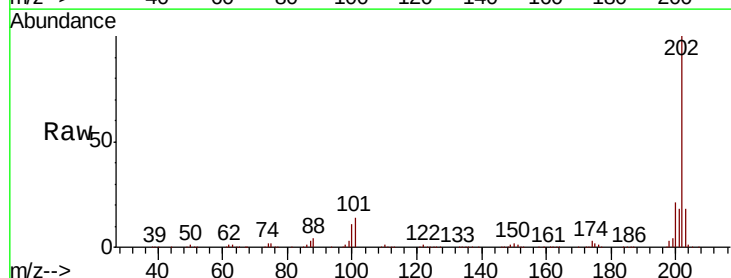
Tgt Ion:202 Resp: 697220

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.8	26.6
203	17.5	14.2	21.4

202 100

200 21.3 17.8 26.6

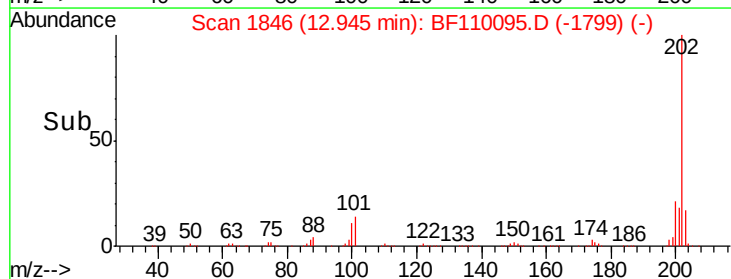
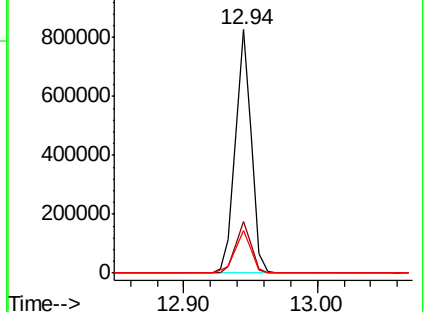
203 17.5 14.2 21.4

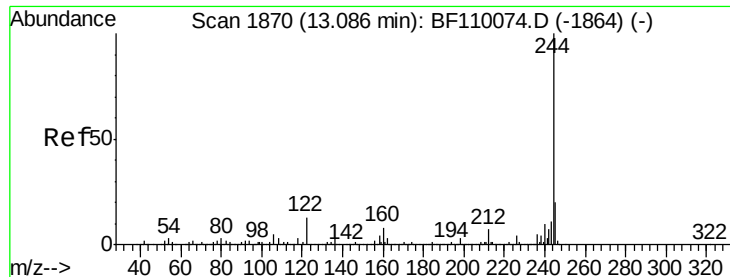


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 72.264 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

Instrument :

BNA_F

ClientSampled :

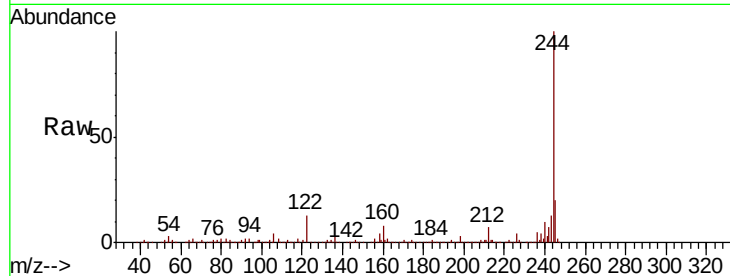
Tot Ion:244 Resp: 1659064

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

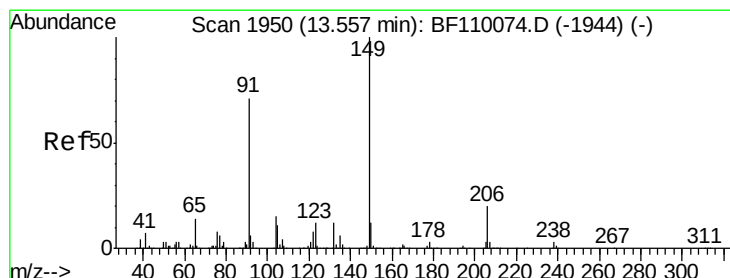
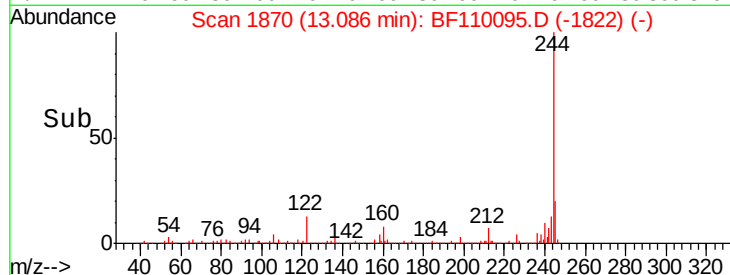
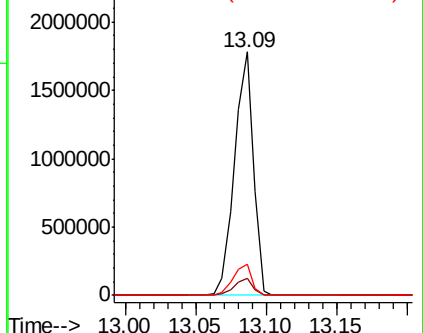
122 12.6 8.7 13.1



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: 20.204 ng

RT: 13.55 min Scan# 1949

Delta R.T. -0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

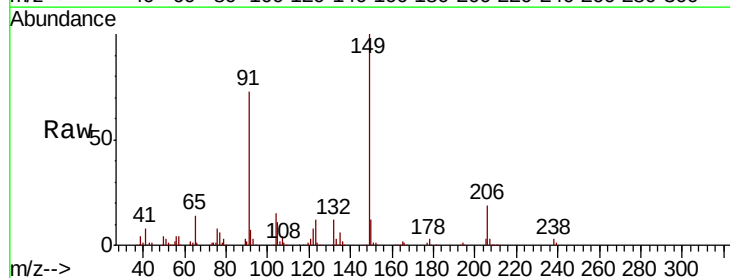
Tgt Ion:149 Resp: 300174

Ion Ratio Lower Upper

149 100

91 73.3 57.2 85.8

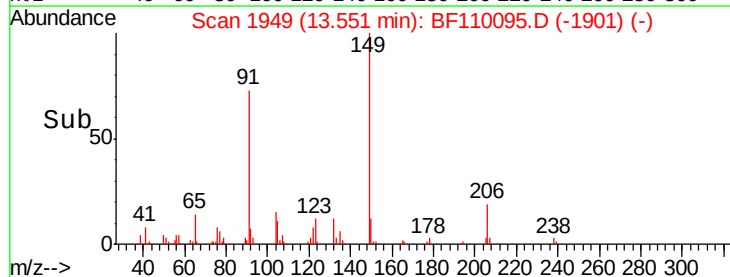
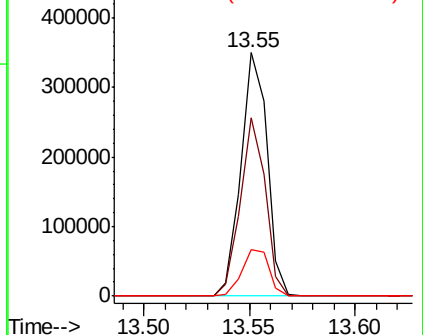
206 19.3 15.7 23.5

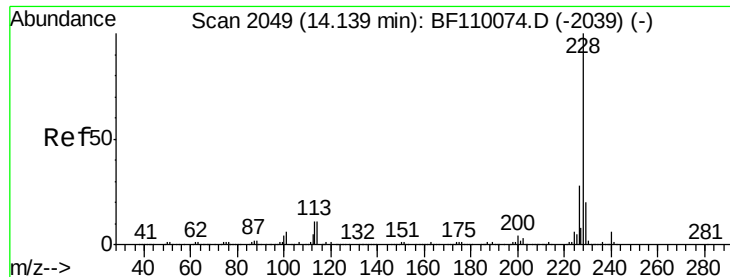


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 21.426 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

Instrument :

BNA_F

ClientSampleId :

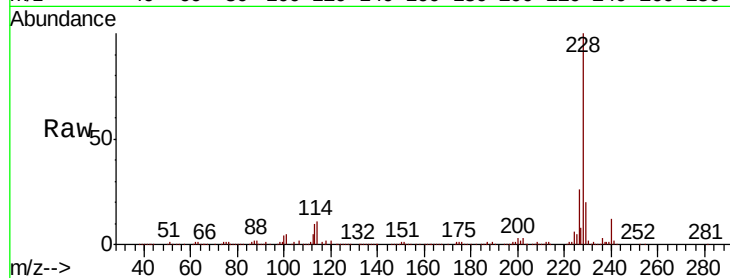
Tot Ion:228 Resp: 606681

Ion	Ratio	Lower	Upper
228	100		
226	26.3	22.1	33.1
229	19.5	15.6	23.4

228 100

226 26.3 22.1 33.1

229 19.5 15.6 23.4

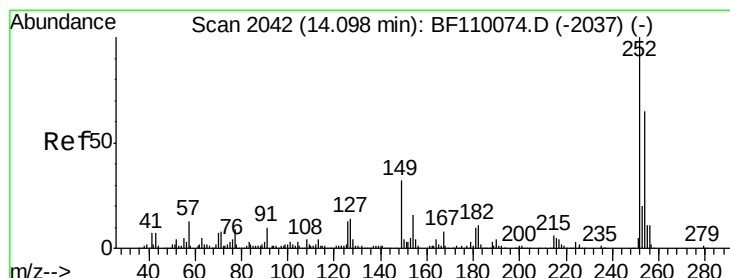
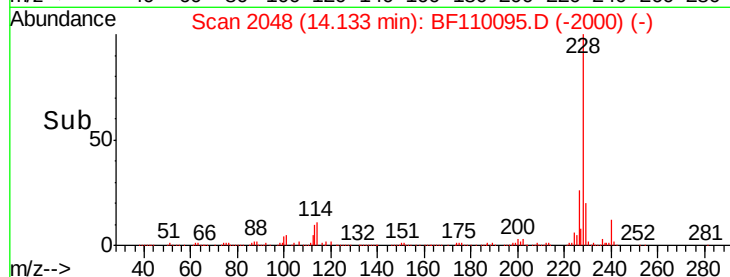
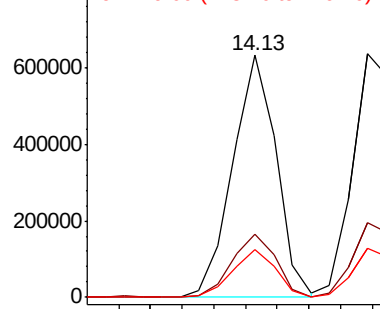


Abundance

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: 16.210 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

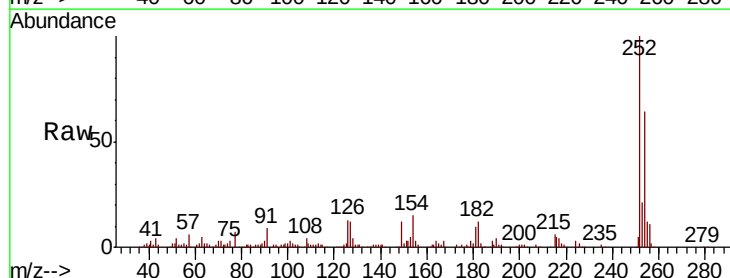
Tgt Ion:252 Resp: 159829

Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.3	76.9
126	13.1	9.4	14.2

252 100

254 64.3 51.3 76.9

126 13.1 9.4 14.2

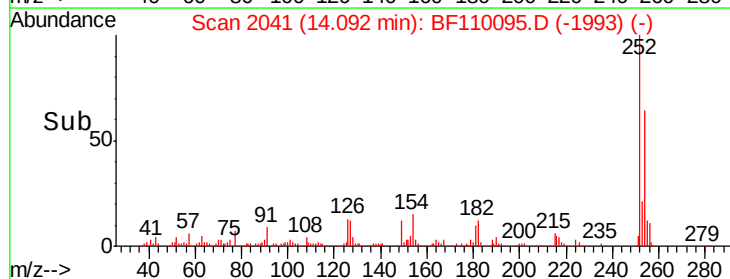
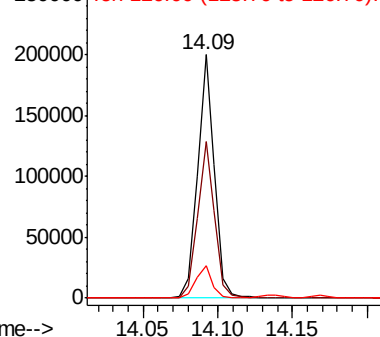


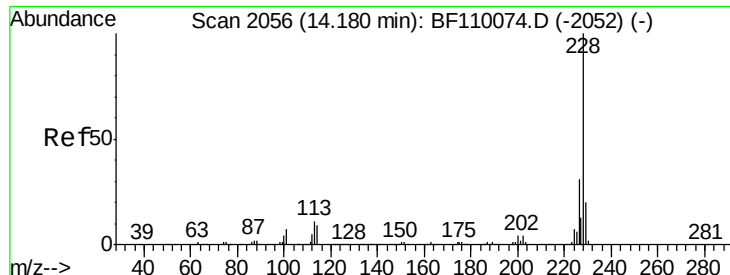
Abundance

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: 21.540 ng

RT: 14.17 min Scan# 2054

Delta R.T. -0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

Instrument :

BNA_F

ClientSampleId :

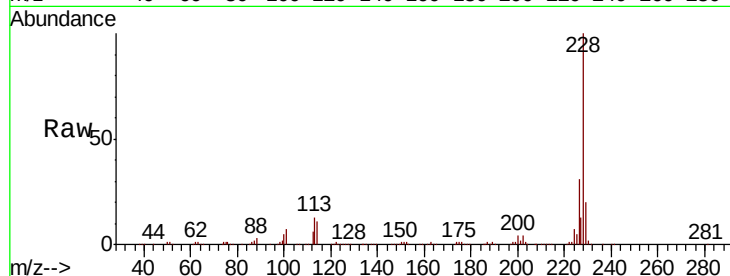
Tot Ion:228 Resp: 579279

Ion Ratio Lower Upper

228 100

226 30.8 24.7 37.1

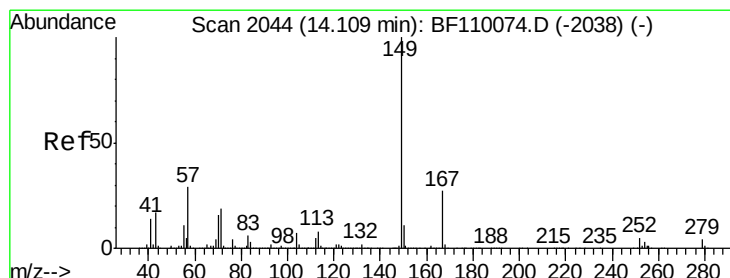
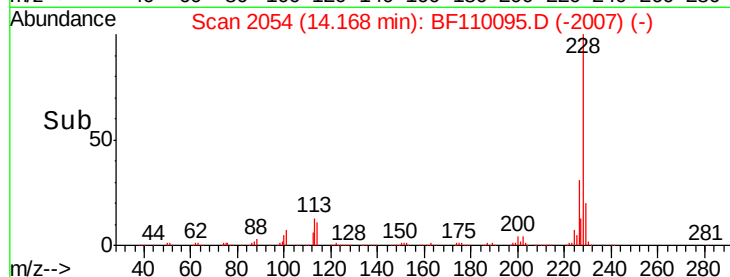
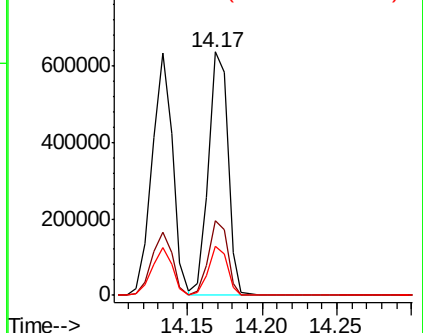
229 20.2 15.9 23.9



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: 20.894 ng

RT: 14.10 min Scan# 2043

Delta R.T. -0.02 min

Lab File: BF110095.D

Acq: 23 Oct 2018 23:22

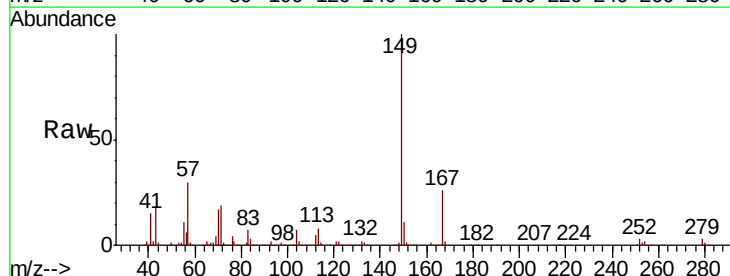
Tgt Ion:149 Resp: 419639

Ion Ratio Lower Upper

149 100

167 26.3 19.8 29.8

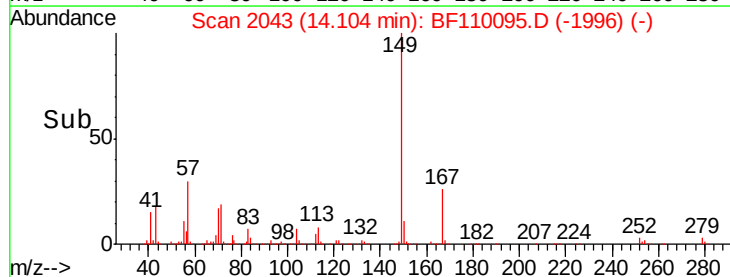
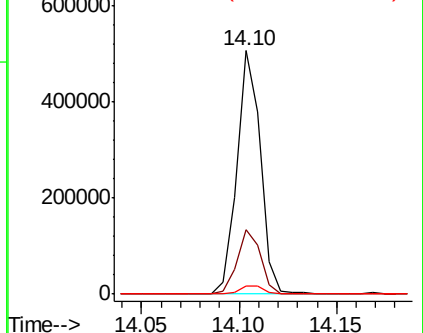
279 3.4 2.7 4.1

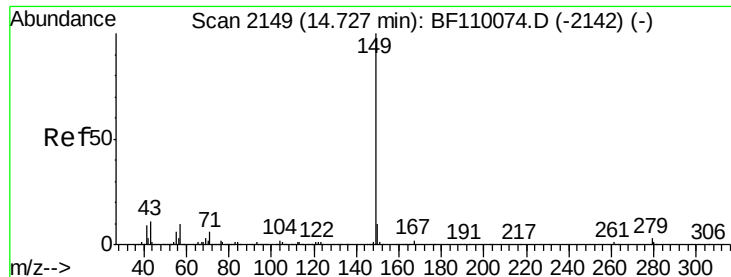


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

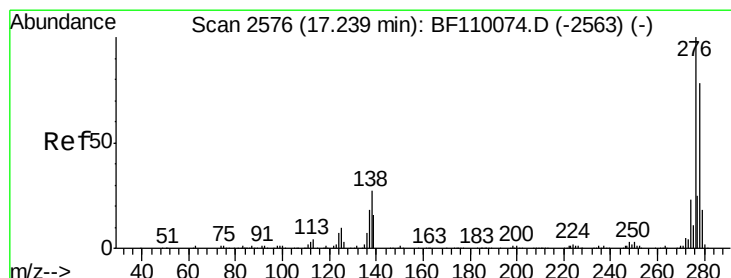
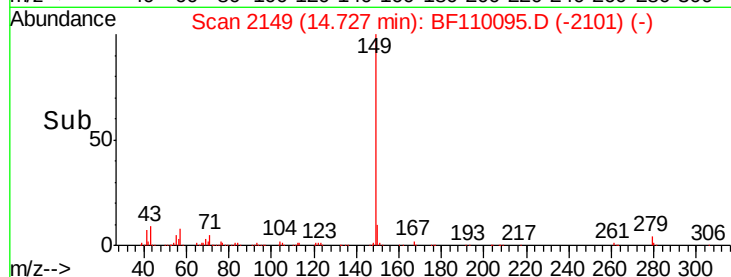
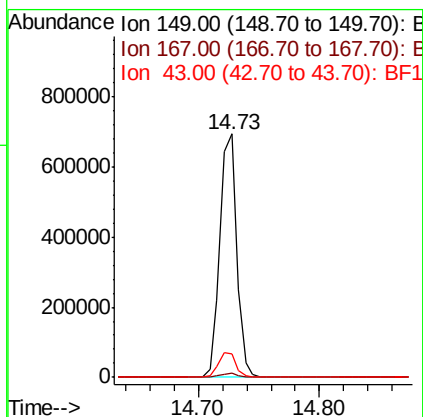
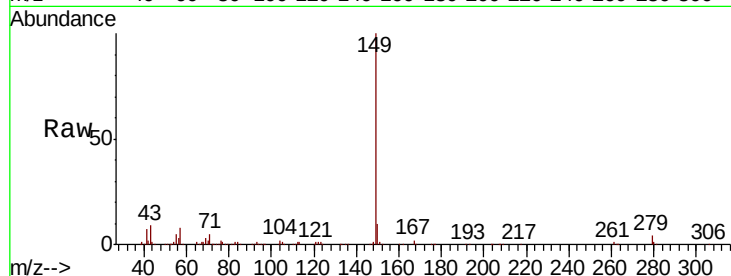




#85
Di-n-octyl phthalate
Concen: 21.390 ng
RT: 14.73 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

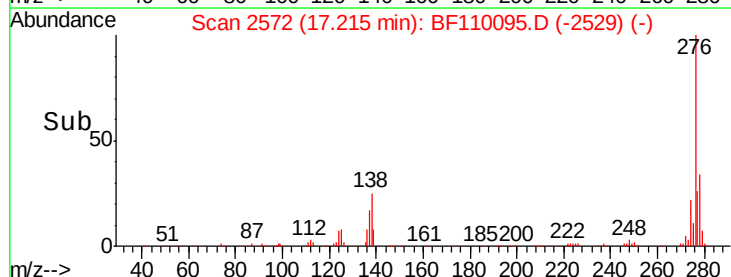
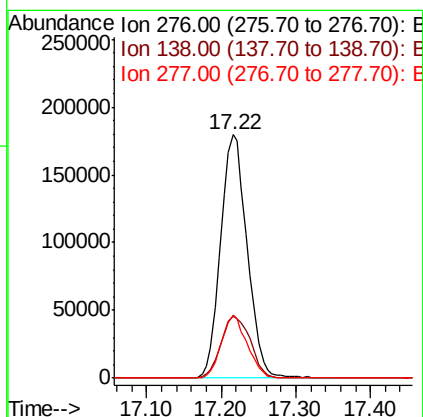
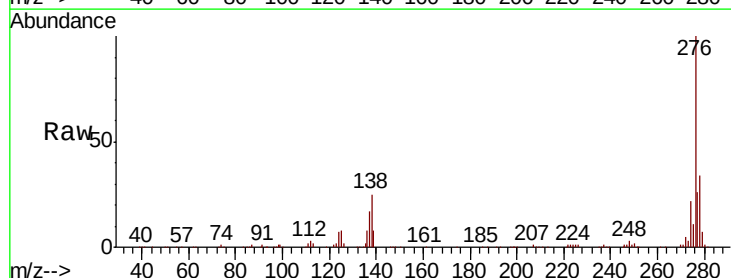
Instrument :
BNA_F
ClientSampleId :

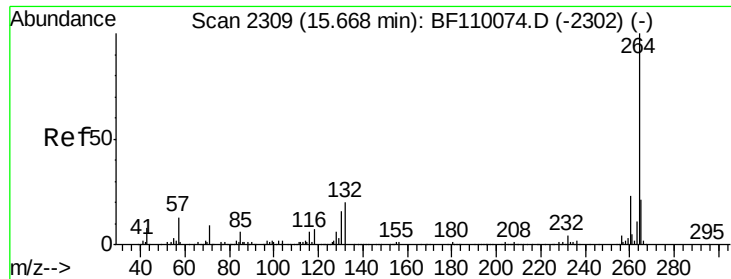
Tot Ion:149 Resp: 668006
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 10.5 7.8 11.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 19.978 ng
RT: 17.22 min Scan# 2572
Delta R.T. -0.05 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Tgt Ion:276 Resp: 445717
Ion Ratio Lower Upper
276 100
138 28.0 18.5 27.7#
277 25.1 20.0 30.0

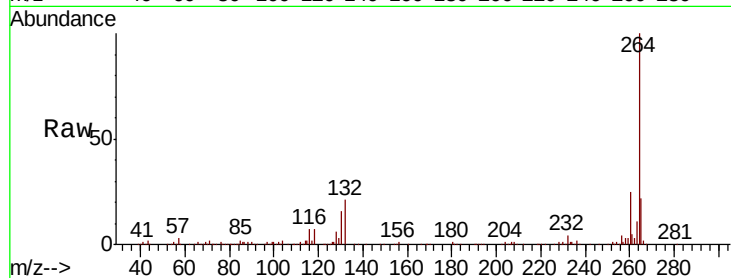




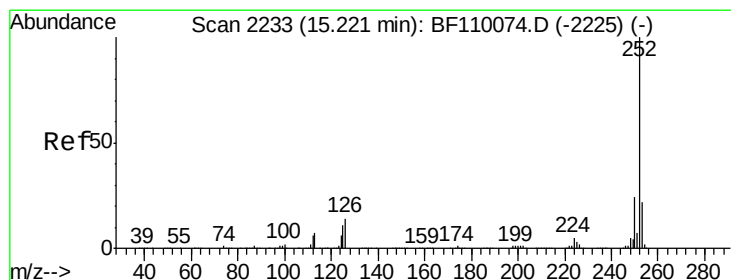
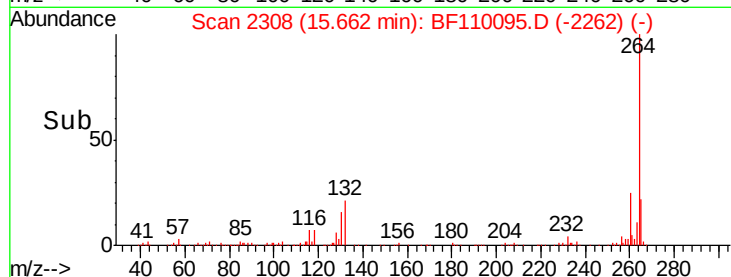
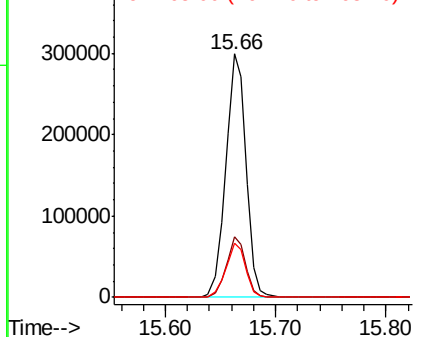
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. -0.03 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 384762
Ion Ratio Lower Upper
264 100
260 25.0 18.7 28.1
265 22.1 16.7 25.1

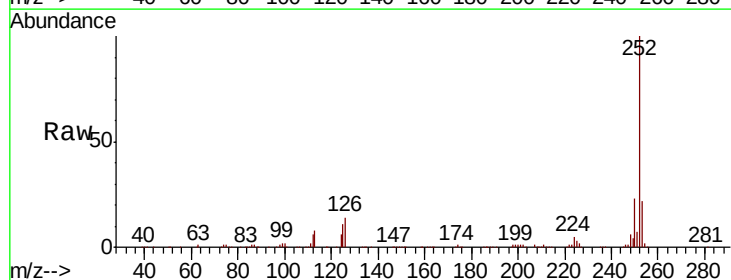


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

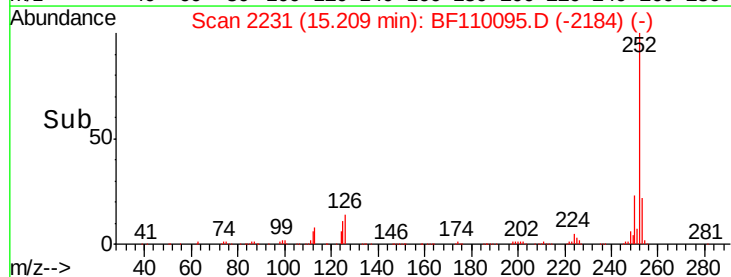
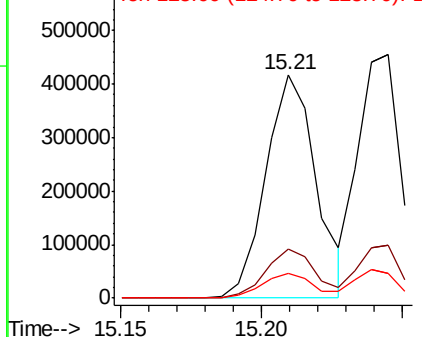


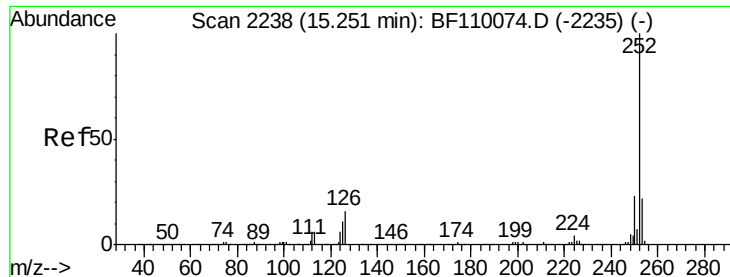
#88
Benzo(b)fluoranthene
Concen: 23.255 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Tgt Ion:252 Resp: 516683
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 11.2 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

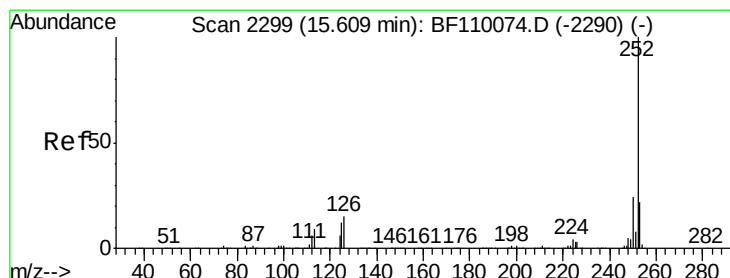
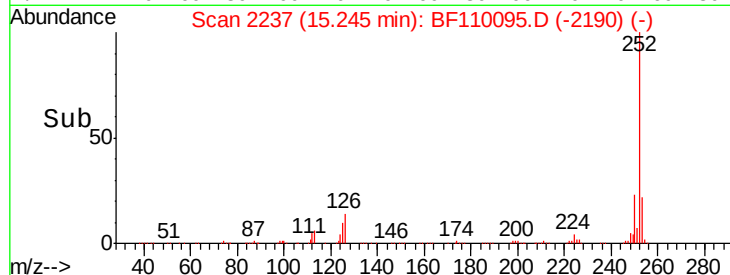
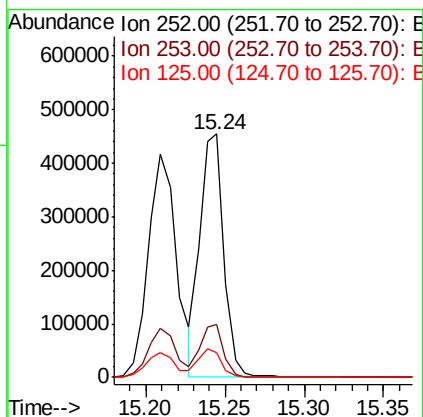
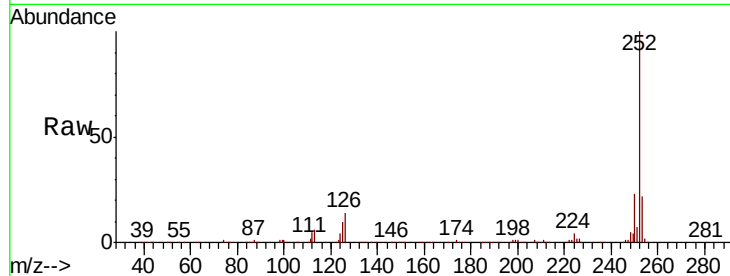




#89
Benzo(k)fluoranthene
Concen: 21.954 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.02 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

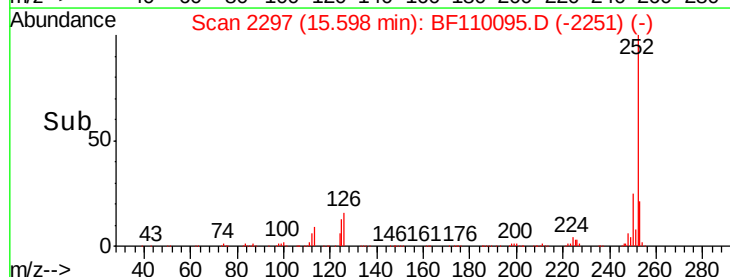
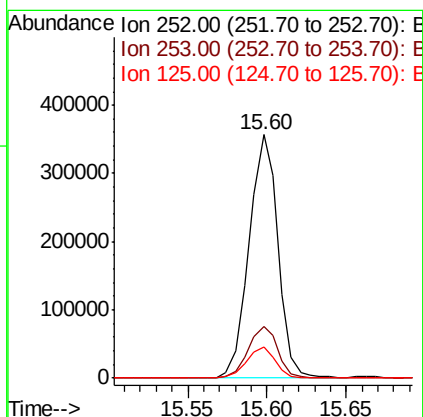
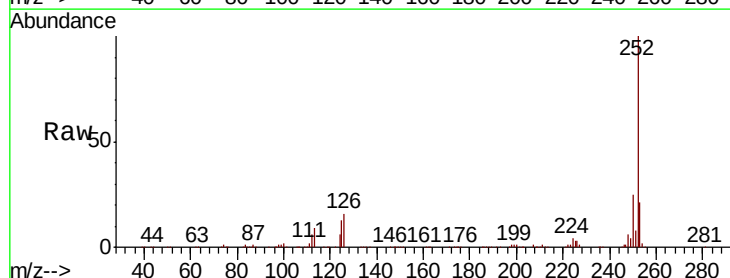
Instrument :
BNA_F
ClientSampleId :

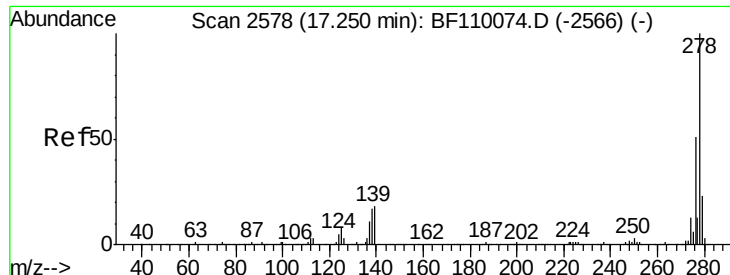
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	10.1	7.4	11.0



#90
Benzo(a)pyrene
Concen: 22.071 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.03 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.2	27.4
125	12.9	9.0	13.6



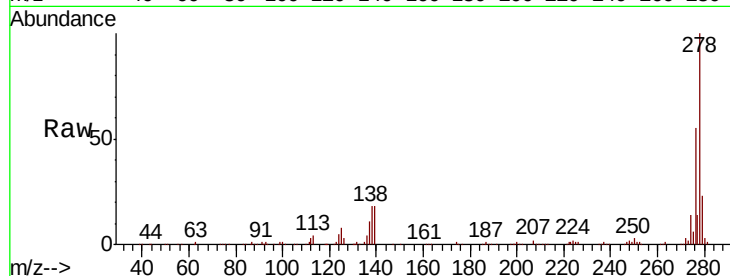


#91
Dibenzo(a,h)anthracene
Concen: 21.114 ng
RT: 17.23 min Scan# 2575
Delta R.T. -0.05 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

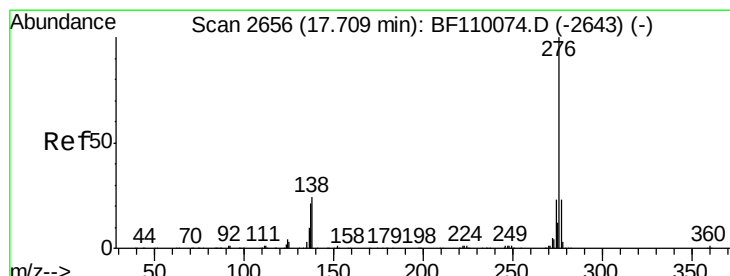
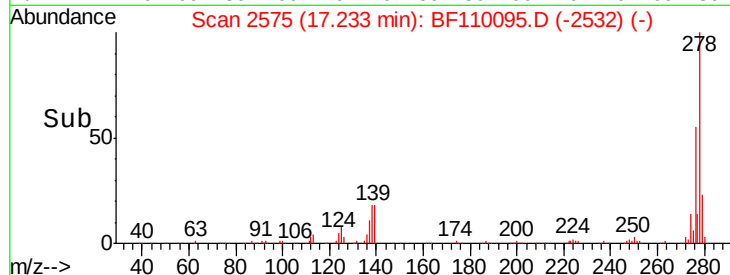
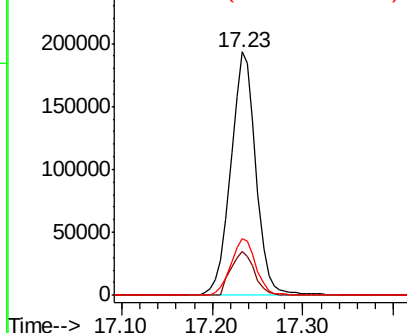
Instrument :
BNA_F
ClientSampled :

Tot Ion:278 Resp: 372461

Ion	Ratio	Lower	Upper
278	100		
139	18.1	12.7	19.1
279	23.2	19.0	28.4



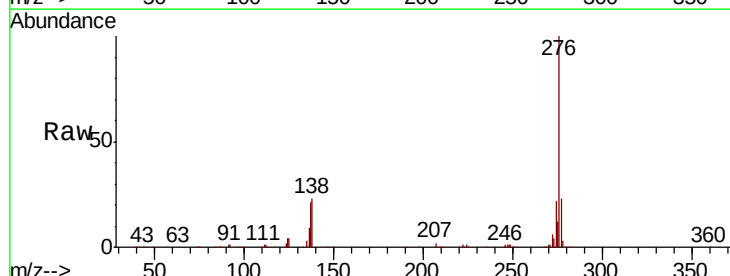
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 20.698 ng
RT: 17.69 min Scan# 2653
Delta R.T. -0.05 min
Lab File: BF110095.D
Acq: 23 Oct 2018 23:22

Tgt Ion:276 Resp: 359807

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.8	28.2
138	22.6	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

