

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
 Data File : BF110246.D
 Acq On : 27 Oct 2018 7:49
 Operator : JU/SJ
 Sample : PB114167BS
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 29 03:14:25 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	6.97	152	101219	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	407257	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	168303	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	263443	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	179831	20.00	ng	-0.01
87) Perylene-d12	15.67	264	122371	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	462232	74.37	ng	0.00
7) Phenol-d6	6.59	99	564282	70.98	ng	-0.02
23) Nitrobenzene-d5	7.53	82	501709	73.07	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	100254	60.13	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	928659	86.64	ng	-0.01
79) Terphenyl-d14	13.09	244	632878	73.19	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.90	88	80728	24.789	ng	91
3) Pyridine	3.66	79	232215	32.015	ng	89
4) n-Nitrosodimethylamine	3.62	42	113267	37.273	ng	91
6) Aniline	6.63	93	134127	12.951	ng	# 55
8) 2-Chlorophenol	6.75	128	246580	34.409	ng	100
9) Benzaldehyde	6.52	77	114194	21.676	ng	93
10) Phenol	6.60	94	290786	34.217	ng	# 61
11) bis(2-Chloroethyl)ether	6.70	93	224375	32.092	ng	94
12) 1,3-Dichlorobenzene	6.91	146	259872	32.953	ng	96
13) 1,4-Dichlorobenzene	6.99	146	262176	32.871	ng	97
14) 1,2-Dichlorobenzene	7.14	146	246139	33.243	ng	99
15) Benzyl Alcohol	7.10	79	204466	33.438	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.23	45	356945	31.930	ng	69
17) 2-Methylphenol	7.21	107	200495	35.106	ng	# 82
18) Hexachloroethane	7.47	117	78690	26.948	ng	93
19) n-Nitroso-di-n-propylamine	7.37	70	166512	32.646	ng	96
20) 3+4-Methylphenols	7.36	107	253804	34.380	ng	95
22) Acetophenone	7.37	105	328761	35.034	ng	97
24) Nitrobenzene	7.55	77	243004	34.280	ng	90
25) Isophorone	7.79	82	441528	37.724	ng	95
26) 2-Nitrophenol	7.86	139	97529	28.912	ng	96
27) 2,4-Dimethylphenol	7.89	122	216544	38.718	ng	100
28) bis(2-Chloroethoxy)methane	7.99	93	285570	35.916	ng	98
29) 2,4-Dichlorophenol	8.10	162	192053	33.989	ng	98
30) 1,2,4-Trichlorobenzene	8.19	180	210050	33.188	ng	95
31) Naphthalene	8.27	128	675522	35.989	ng	99
32) Benzoic acid	7.99	122	79468	18.384	ng	96
33) 4-Chloroaniline	8.32	127	81596	9.659	ng	96
34) Hexachlorobutadiene	8.38	225	118188	33.632	ng	99
35) Caprolactam	8.68	113	57633	29.264	ng	# 84
36) 4-Chloro-3-methylphenol	8.80	107	194896	31.897	ng	93
37) 2-Methylnaphthalene	8.96	142	446769	35.975	ng	99
38) 1-Methylnaphthalene	9.06	142	421582	35.128	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	189266	36.092	ng	98

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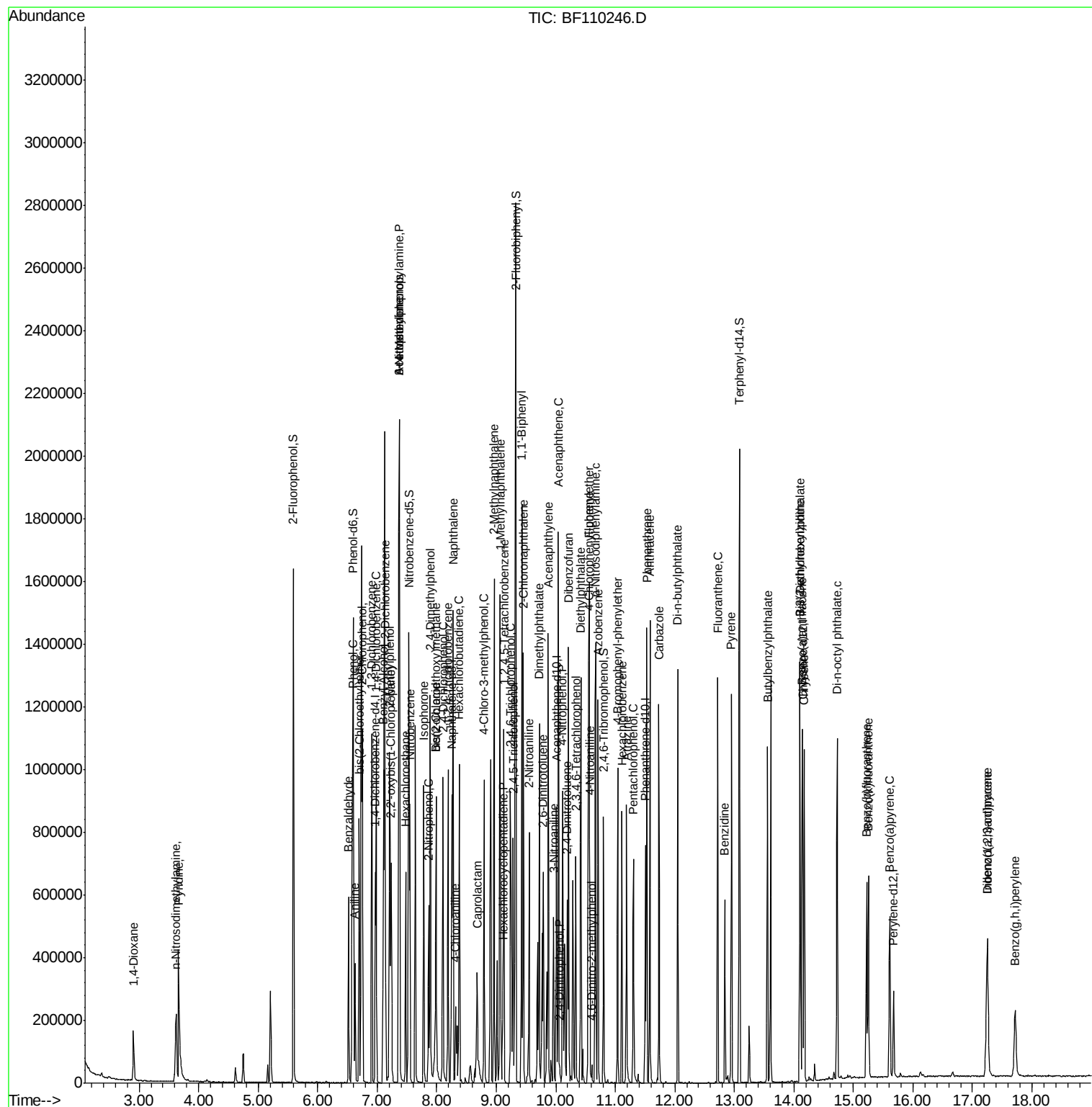
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.11	237	42600	15.887	ng	99
43) 2,4,6-Trichlorophenol	9.24	196	116408	34.417	ng	98
44) 2,4,5-Trichlorophenol	9.28	196	118134	33.042	ng	97
46) 1,1'-Biphenyl	9.43	154	536171	35.229	ng	99
47) 2-Chloronaphthalene	9.46	162	393232	35.223	ng	99
48) 2-Nitroaniline	9.55	65	123075	36.380	ng	92
49) Acenaphthylene	9.87	152	595003	36.900	ng	99
50) Dimethylphthalate	9.72	163	477707	38.451	ng	99
51) 2,6-Dinitrotoluene	9.79	165	86620	32.368	ng	85
52) Acenaphthene	10.05	154	352680	33.062	ng	97
53) 3-Nitroaniline	9.96	138	79477	24.974	ng	86
54) 2,4-Dinitrophenol	10.07	184	7748	11.998	ng	# 85
55) Dibenzofuran	10.22	168	509543	34.117	ng	97
56) 4-Nitrophenol	10.12	139	170408	72.349	ng	97
57) 2,4-Dinitrotoluene	10.20	165	102498	30.154	ng	# 79
58) Fluorene	10.56	166	381704	34.340	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.33	232	88002	30.199	ng	96
60) Diethylphthalate	10.42	149	438666	36.171	ng	100
61) 4-Chlorophenyl-phenylether	10.55	204	193153	32.940	ng	92
62) 4-Nitroaniline	10.57	138	96681	30.545	ng	96
63) Azobenzene	10.71	77	384056	31.904	ng	97
65) 4,6-Dinitro-2-methylphenol	10.60	198	6712	5.577	ng	98
66) n-Nitrosodiphenylamine	10.67	169	343187	39.716	ng	97
67) 4-Bromophenyl-phenylether	11.04	248	107333	37.561	ng	92
68) Hexachlorobenzene	11.11	284	105510	34.799	ng	94
69) Atrazine	11.19	200	103691	37.972	ng	97
70) Pentachlorophenol	11.30	266	79617	45.033	ng	97
71) Phenanthrene	11.53	178	504793	36.620	ng	99
72) Anthracene	11.58	178	520662	37.683	ng	99
73) Carbazole	11.73	167	446743	33.115	ng	99
74) Di-n-butylphthalate	12.05	149	597069	39.187	ng	99
75) Fluoranthene	12.72	202	491629	35.142	ng	99
77) Benzidine	12.84	184	215450	40.577	ng	96
78) Pyrene	12.95	202	488228	37.870	ng	97
80) Butylbenzylphthalate	13.56	149	226941	40.555	ng	94
81) Benzo(a)anthracene	14.14	228	392935	36.846	ng	98
82) 3,3'-Dichlorobenzidine	14.10	252	129365	34.836	ng	99
83) Chrysene	14.17	228	366062	36.140	ng	98
84) Bis(2-ethylhexyl)phthalate	14.11	149	317081	41.918	ng	# 94
85) Di-n-octyl phthalate	14.73	149	495651	42.140	ng	99
86) Indeno(1,2,3-cd)pyrene	17.24	276	251230	29.898	ng	96
88) Benzo(b)fluoranthene	15.22	252	284426	40.250	ng	100
89) Benzo(k)fluoranthene	15.25	252	281417	40.509	ng	98
90) Benzo(a)pyrene	15.61	252	250138	38.469	ng	98
91) Dibenzo(a,h)anthracene	17.26	278	215587	38.425	ng	99
92) Benzo(g,h,i)perylene	17.72	276	202677	36.659	ng	96

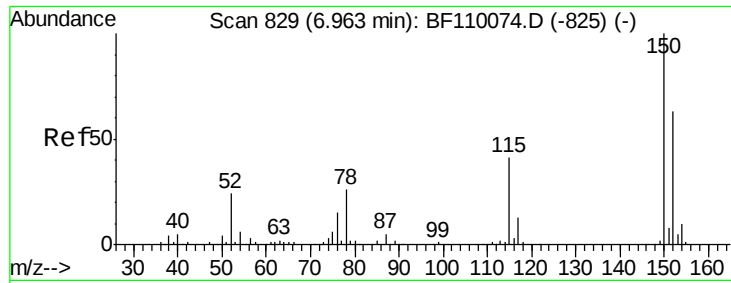
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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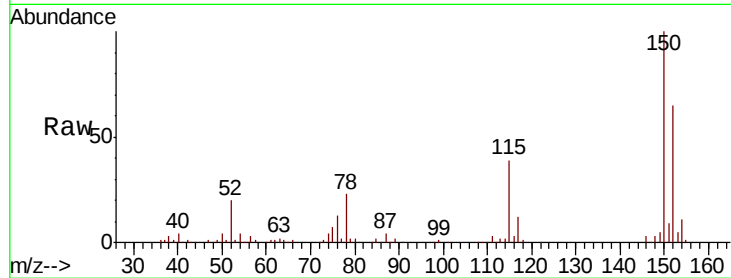


#1

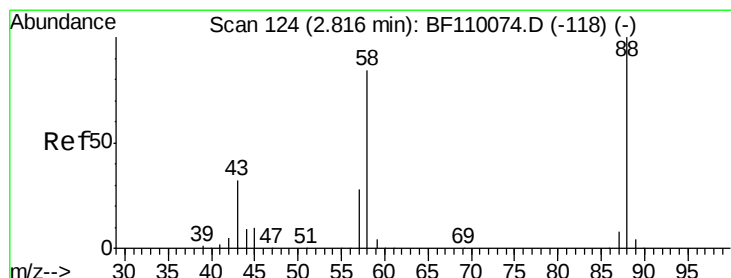
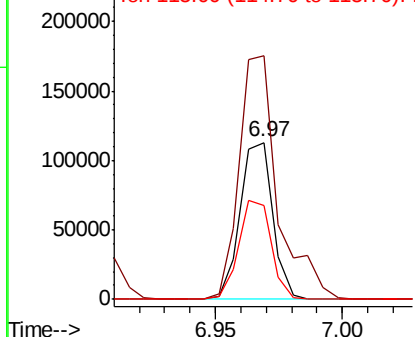
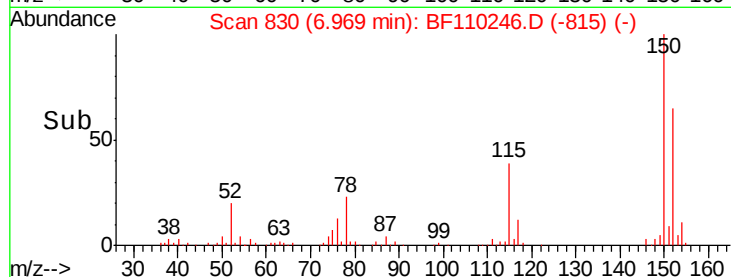
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110246.D
Acq: 27 Oct 2018 7:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	122.7	184.1
115	59.8	49.1	73.7



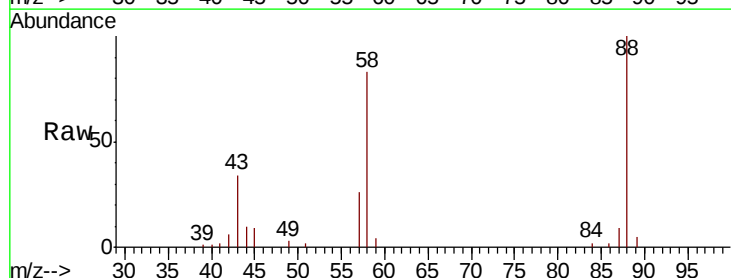
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



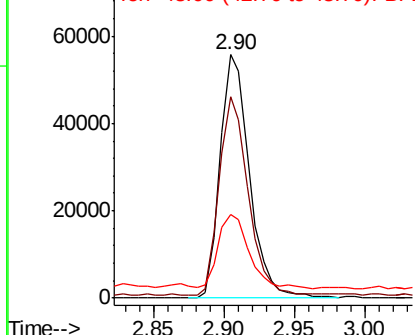
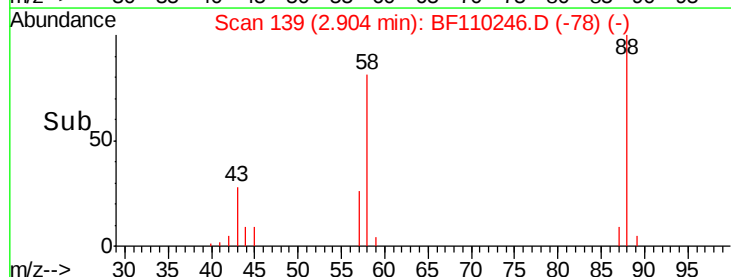
#2

1,4-Dioxane
Concen: 24.789 ng
RT: 2.90 min Scan# 139
Delta R.T. 0.06 min
Lab File: BF110246.D
Acq: 27 Oct 2018 7:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.5	57.1	85.7
43	31.7	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: 32.015 ng

RT: 3.66 min Scan# 268

Delta R.T. 0.05 min

Lab File: BF110246.D

Acq: 27 Oct 2018 7:49

Instrument :

BNA_F

ClientSampleId :

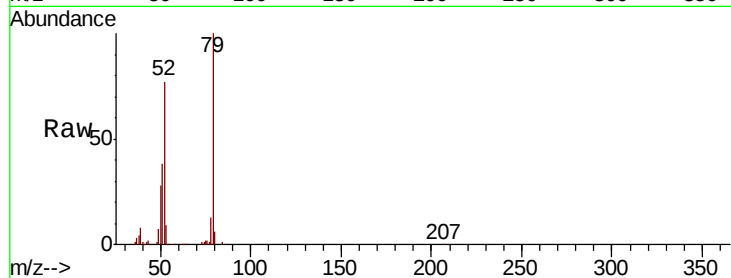
Tot Ion: 79 Resp: 232215

Ion Ratio Lower Upper

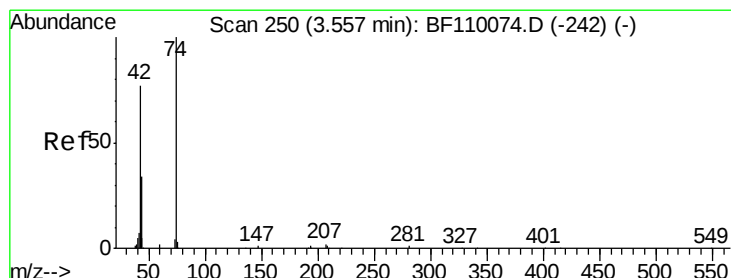
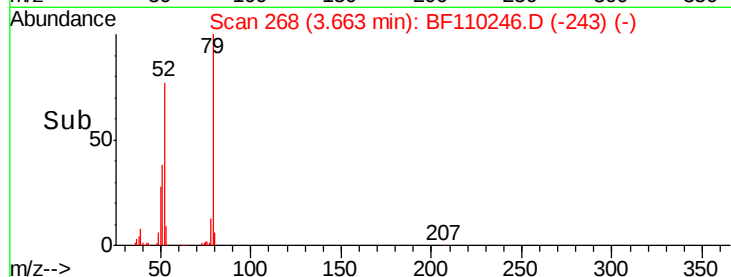
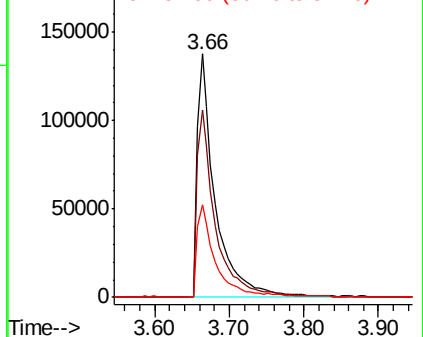
79 100

52 77.2 53.1 79.7

51 37.8 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: 37.273 ng

RT: 3.62 min Scan# 261

Delta R.T. 0.04 min

Lab File: BF110246.D

Acq: 27 Oct 2018 7:49

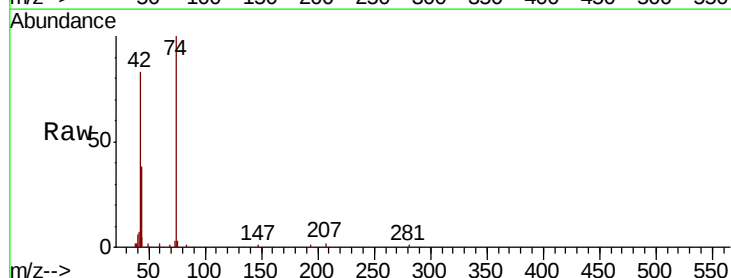
Tgt Ion: 42 Resp: 113267

Ion Ratio Lower Upper

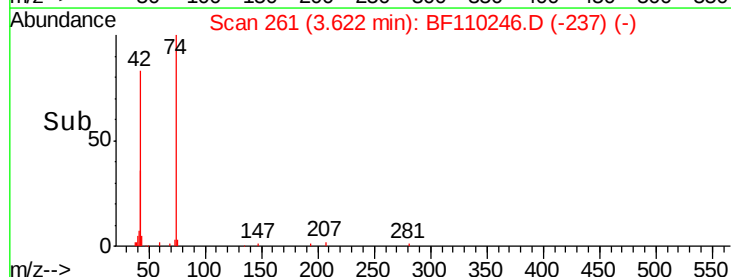
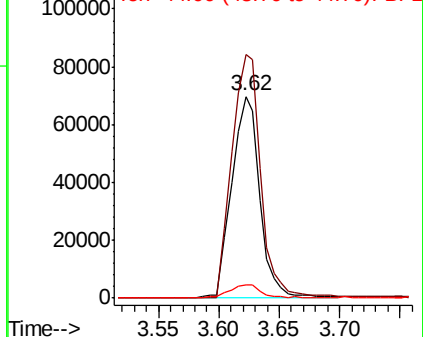
42 100

74 120.5 105.5 158.3

44 6.6 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: 74.366 ng

RT: 5.59 min Scan# 596

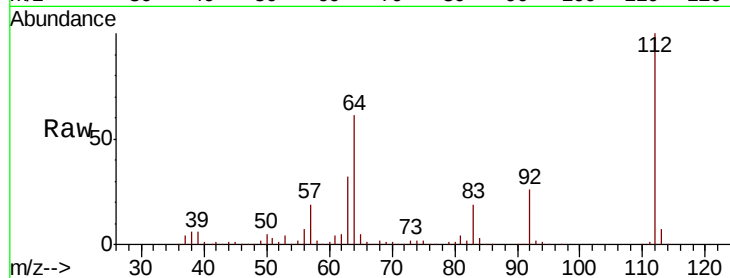
Delta R.T. -0.01 min

Lab File: BF110246.D

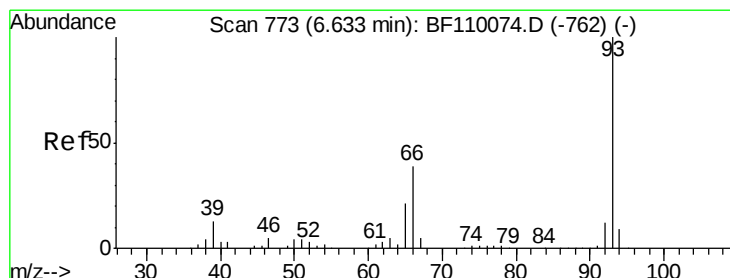
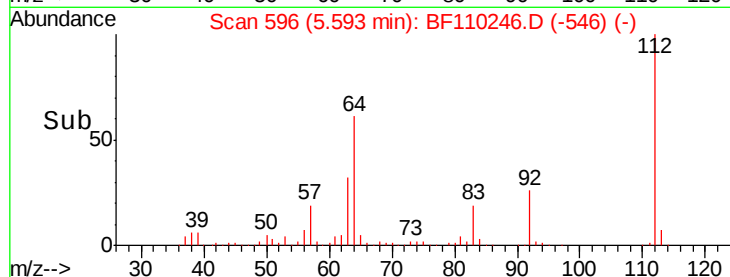
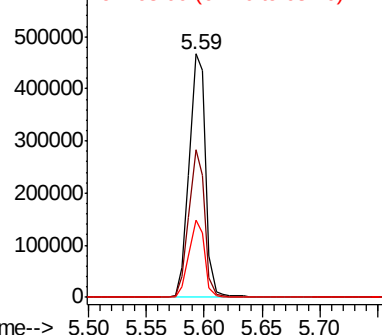
Acq: 27 Oct 2018 7:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	462232
Ion	Ratio	Lower	Upper
112	100		
64	60.7	44.1	66.1
63	31.6	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: 12.951 ng

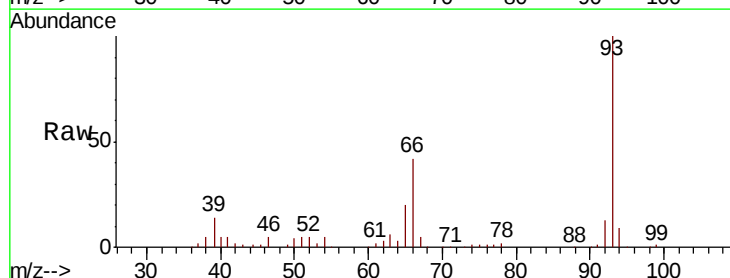
RT: 6.63 min Scan# 772

Delta R.T. -0.02 min

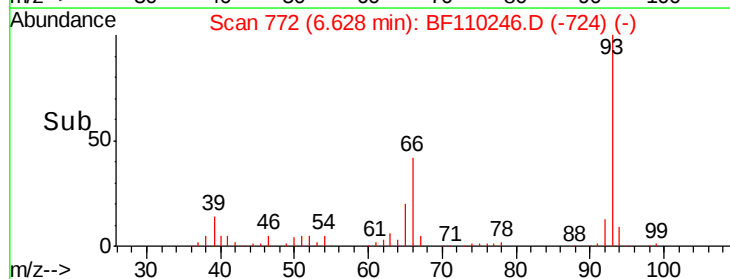
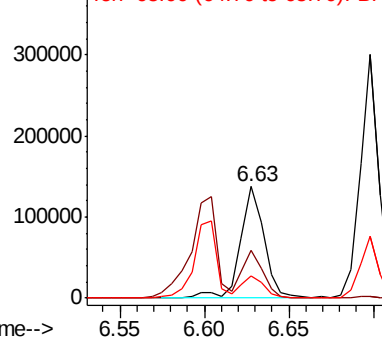
Lab File: BF110246.D

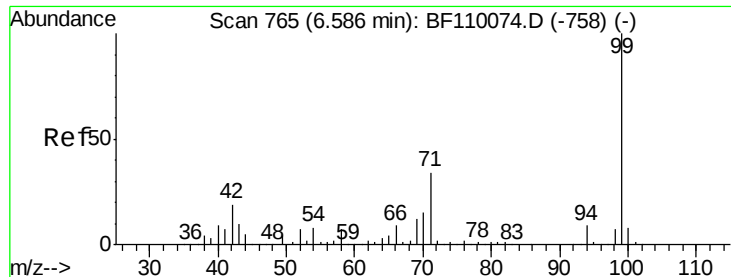
Acq: 27 Oct 2018 7:49

Tgt Ion:	93	Resp:	134127
Ion	Ratio	Lower	Upper
93	100		
66	42.4	67.4	101.0#
65	20.3	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: 70.976 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110246.D

Acq: 27 Oct 2018 7:49

Instrument :

BNA_F

ClientSampleId :

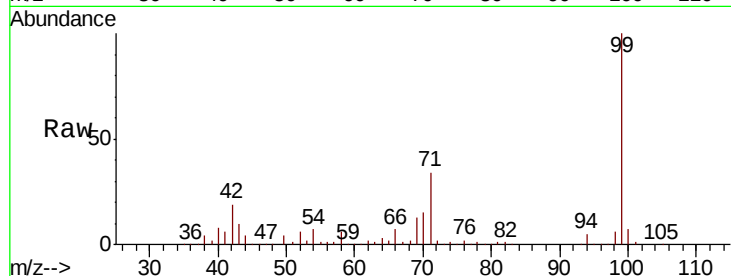
Tot Ion: 99 Resp: 564282

Ion Ratio Lower Upper

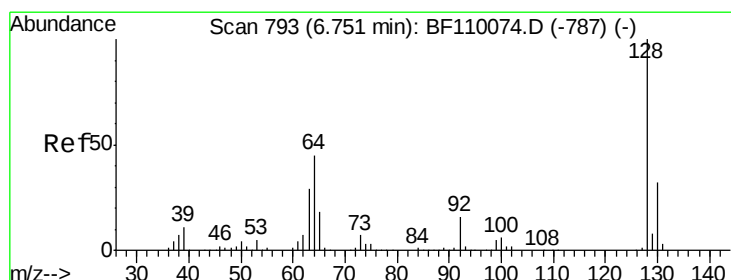
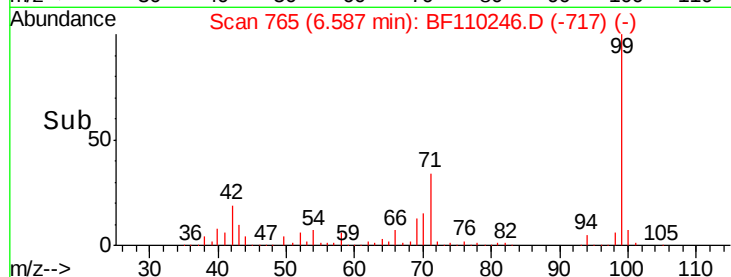
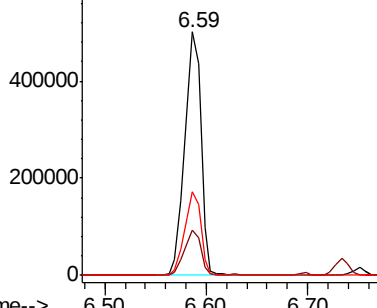
99 100

42 18.8 15.8 23.6

71 34.3 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: 34.409 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.02 min

Lab File: BF110246.D

Acq: 27 Oct 2018 7:49

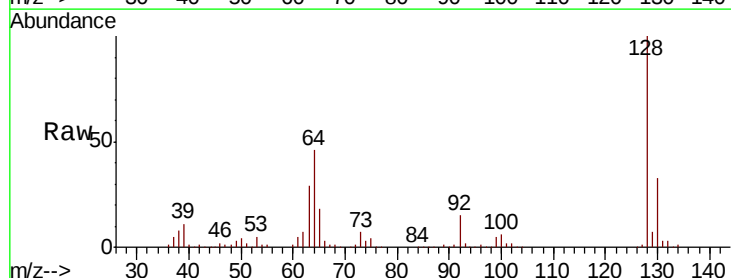
Tgt Ion: 128 Resp: 246580

Ion Ratio Lower Upper

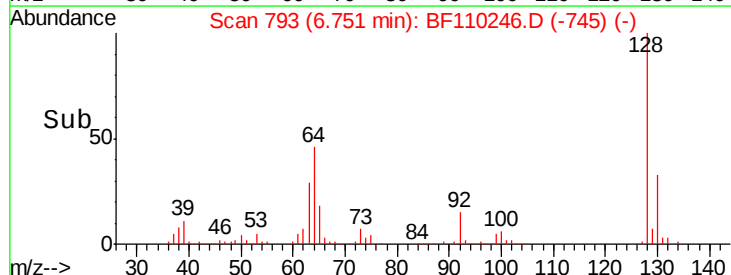
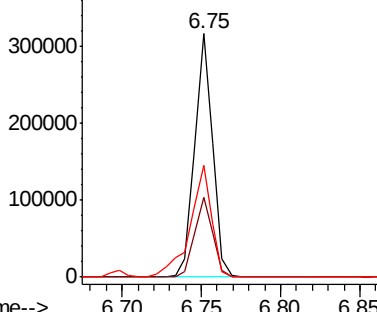
128 100

130 32.8 13.1 53.1

64 45.8 26.0 66.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 21.676 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

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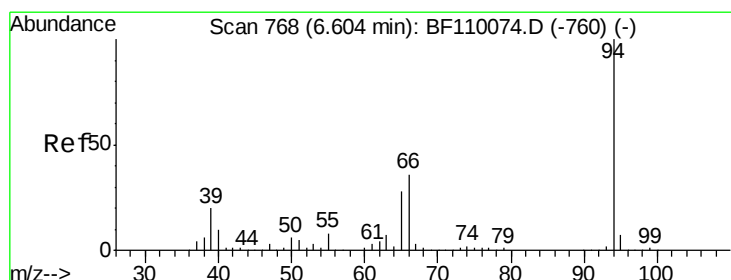
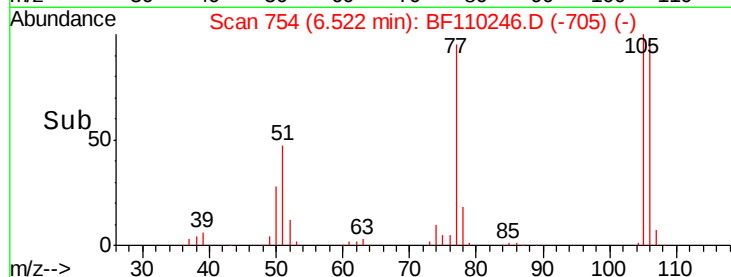
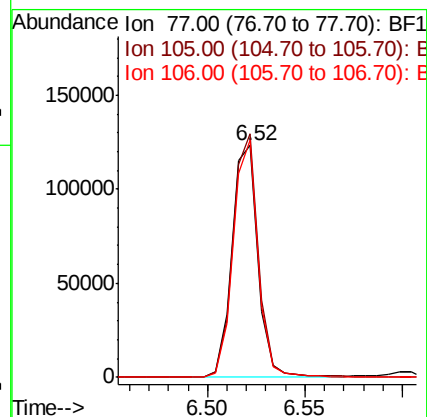
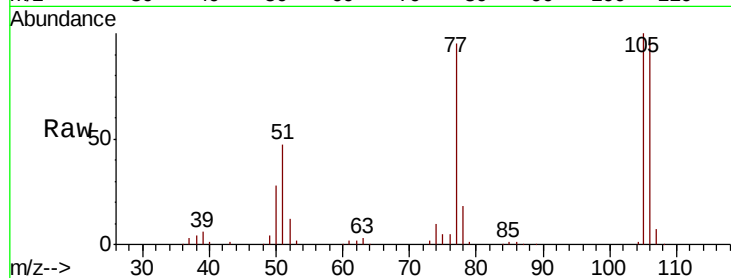
Tot Ion: 77 Resp: 114194

Ion Ratio Lower Upper

77 100

105 105.0 78.6 118.6

106 102.0 74.8 114.8



#10

Phenol

Concen: 34.217 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

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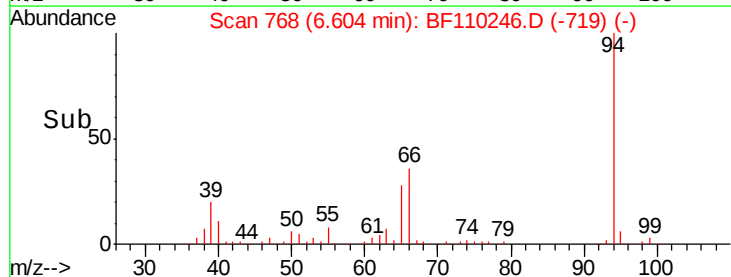
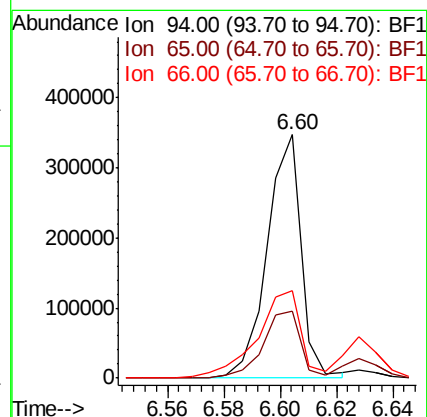
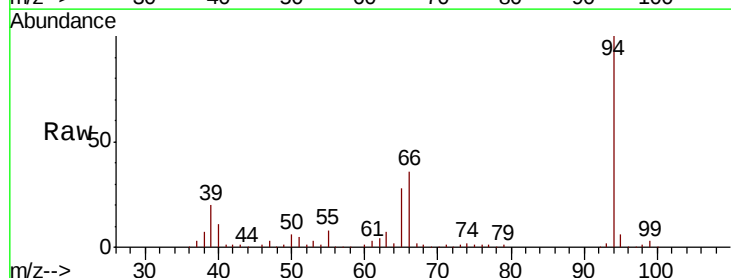
Tgt Ion: 94 Resp: 290786

Ion Ratio Lower Upper

94 100

65 27.5 25.3 65.3

66 35.9 54.5 94.5#

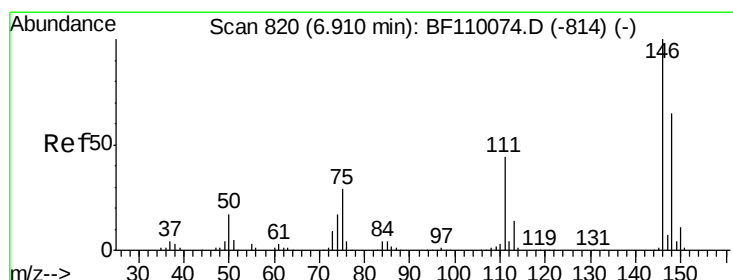
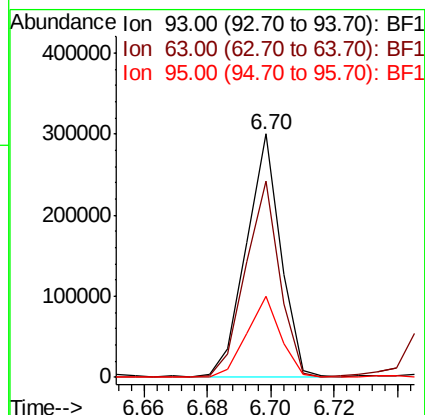
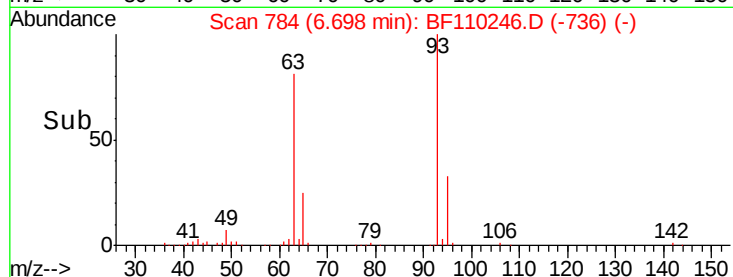
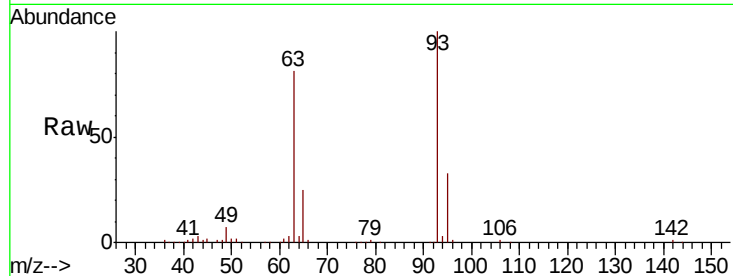




#11
bis(2-Chloroethyl)ether
Concen: 32.092 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.02 min
Lab File: BF110246.D
Acq: 27 Oct 2018 7:49

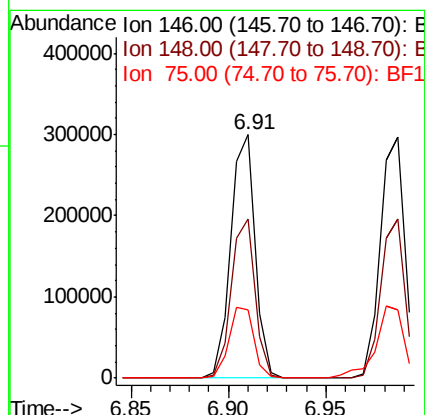
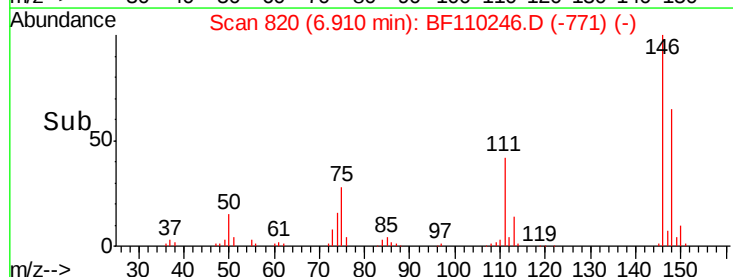
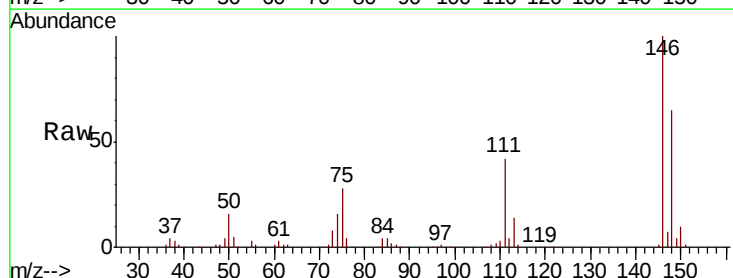
Instrument :
BNA_F
ClientSampleId :

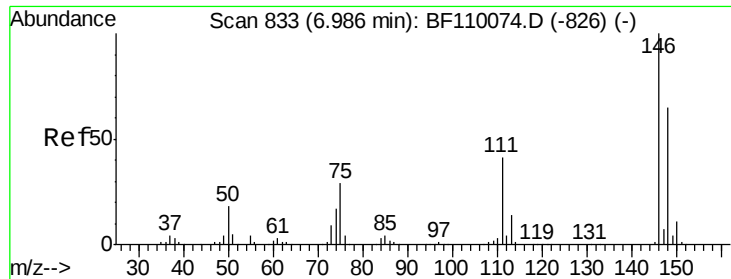
Tot Ion: 93 Resp: 224375
Ion Ratio Lower Upper
93 100
63 80.6 53.4 93.4
95 33.2 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 32.953 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF110246.D
Acq: 27 Oct 2018 7:49

Tgt Ion: 146 Resp: 259872
Ion Ratio Lower Upper
146 100
148 65.4 50.4 75.6
75 28.2 25.8 38.6

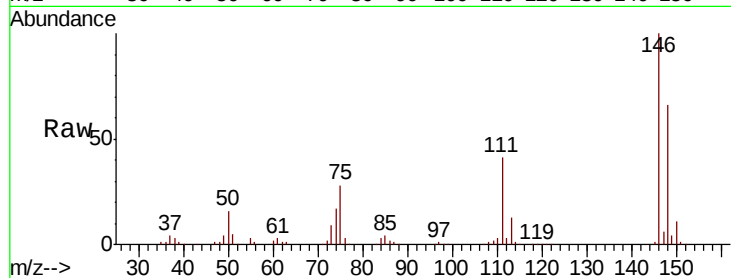




#13
 1,4-Dichlorobenzene
 Concen: 32.871 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF110246.D
 Acq: 27 Oct 2018 7:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.0	50.3	75.5
111	41.2	32.7	49.1

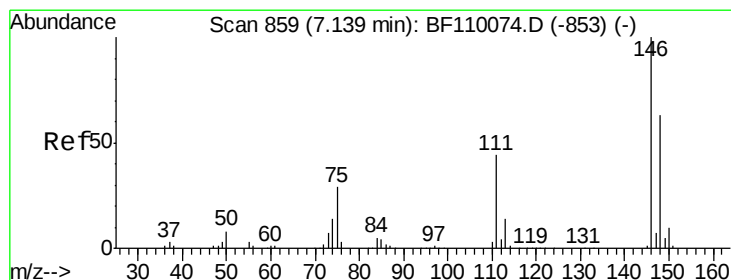
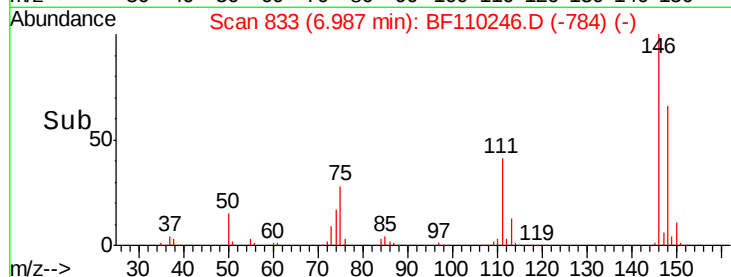
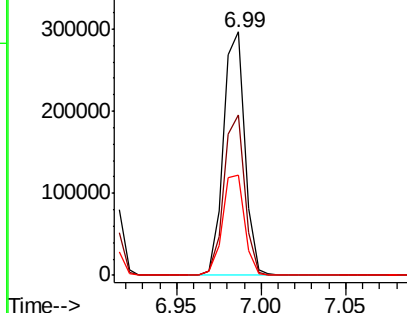


Abundance

Ion 146.00 (145.70 to 146.70): E

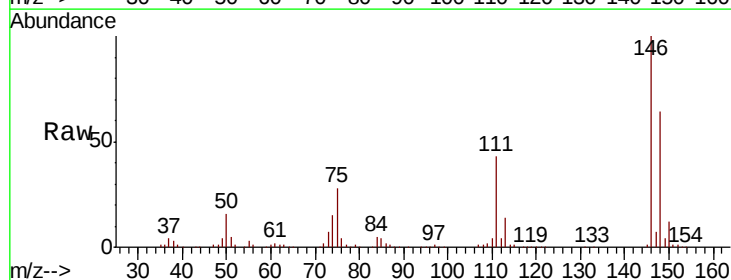
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 33.243 ng
 RT: 7.14 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: BF110246.D
 Acq: 27 Oct 2018 7:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.1	76.7
111	43.3	35.8	53.6

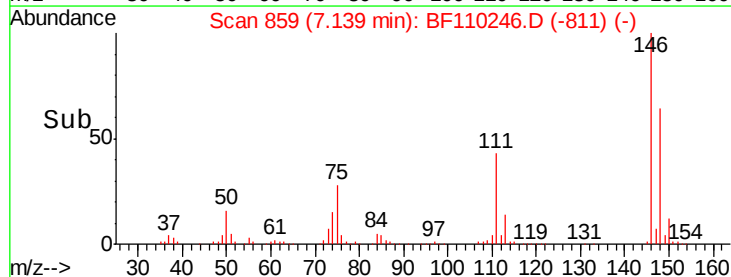
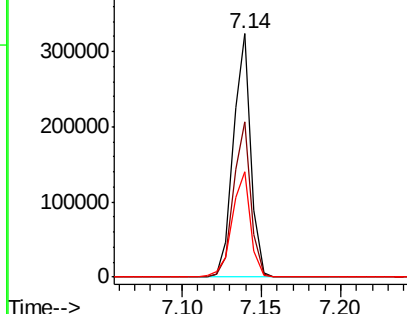


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 33.438 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF110246.D

Acq: 27 Oct 2018 7:49

Instrument :

BNA_F

ClientSampleId :

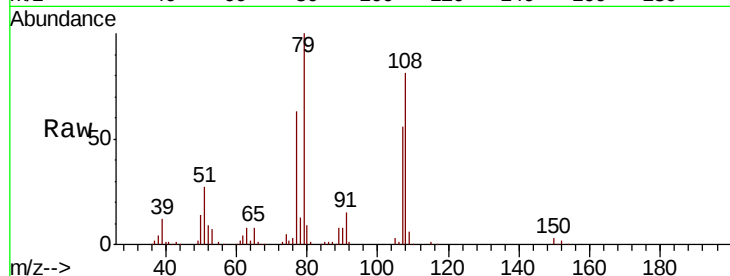
Tot Ion: 79 Resp: 204466

Ion Ratio Lower Upper

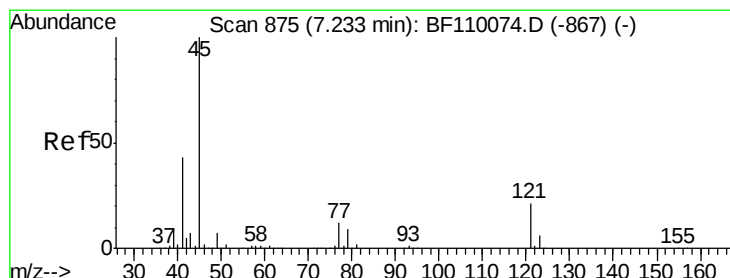
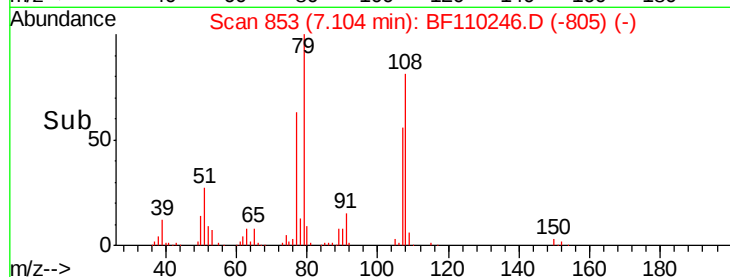
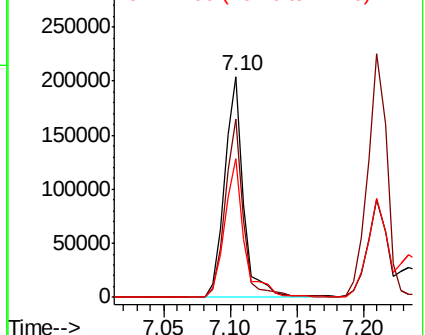
79 100

108 80.6 56.3 84.5

77 63.0 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: 31.930 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.02 min

Lab File: BF110246.D

Acq: 27 Oct 2018 7:49

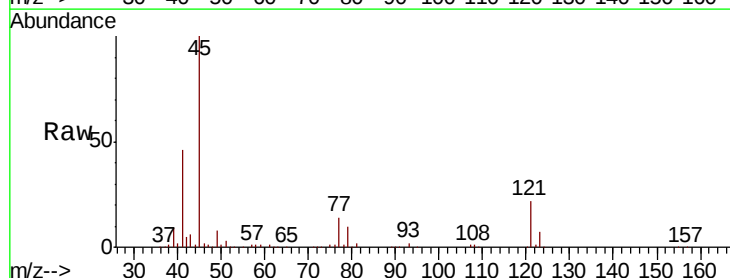
Tgt Ion: 45 Resp: 356945

Ion Ratio Lower Upper

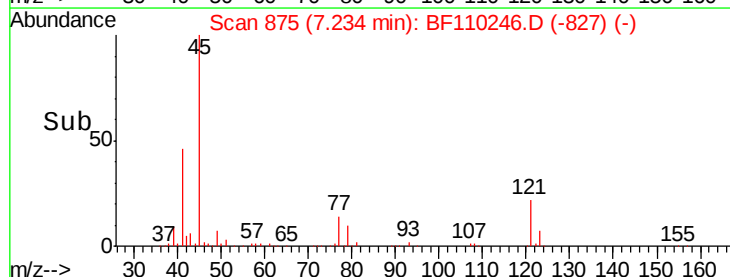
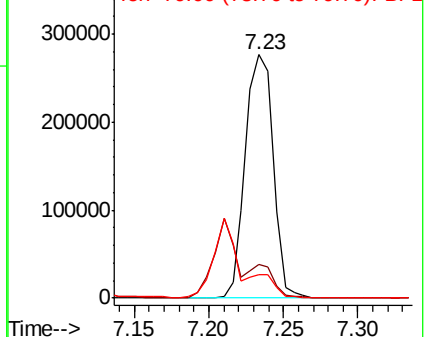
45 100

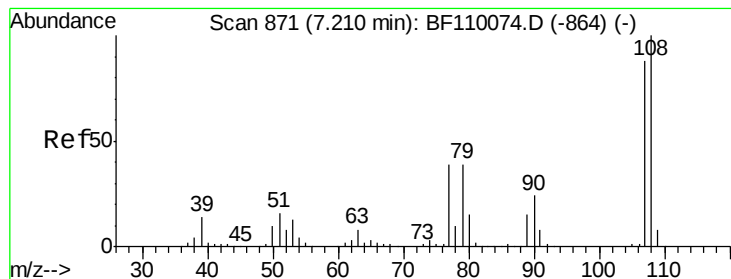
77 14.1 10.0 50.0

79 9.8 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

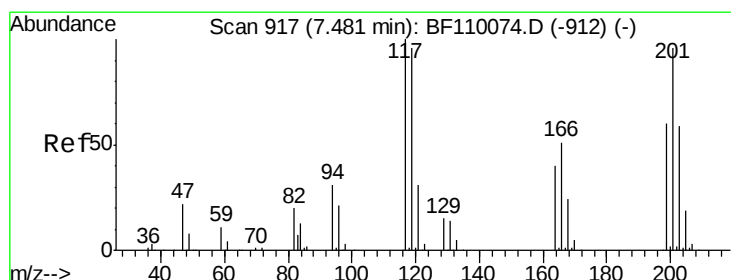
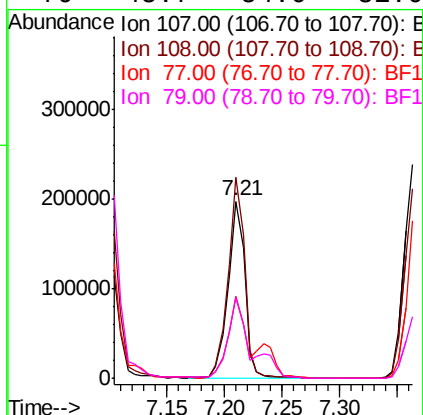
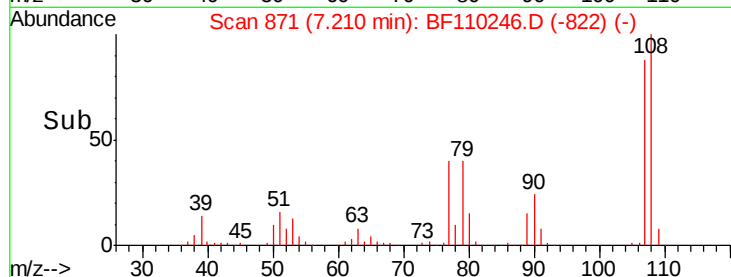
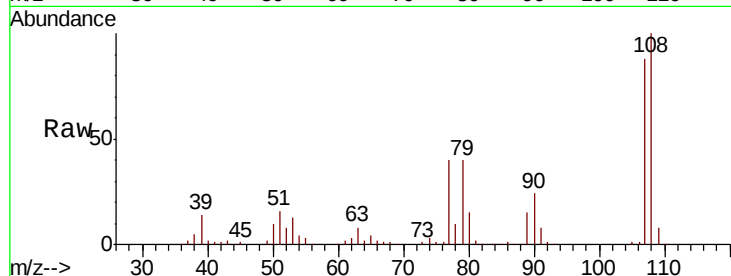




#17
2-Methylphenol
Concen: 35.106 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF110246.D
Acq: 27 Oct 2018 7:49

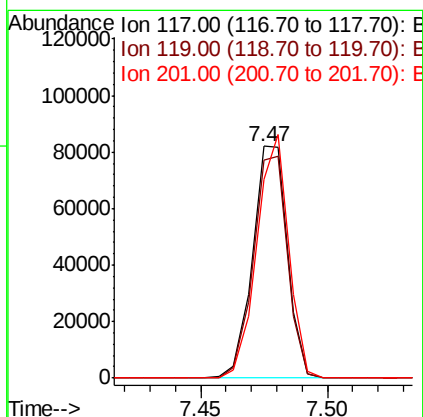
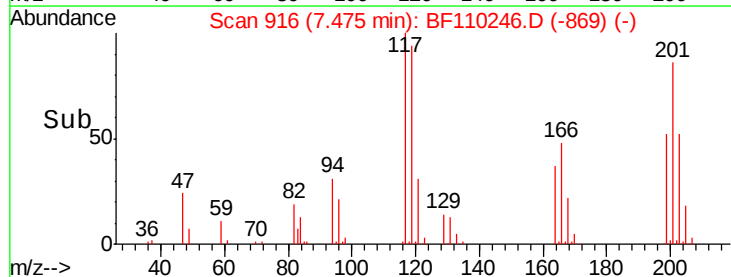
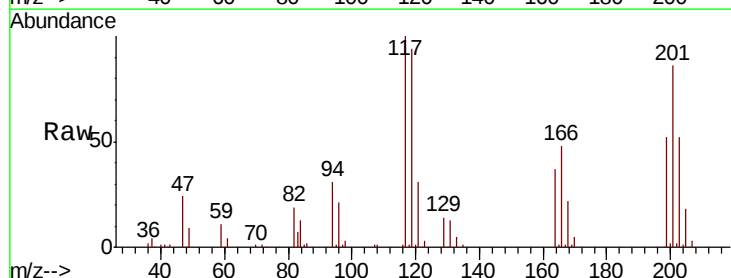
Instrument :
BNA_F
ClientSampled :

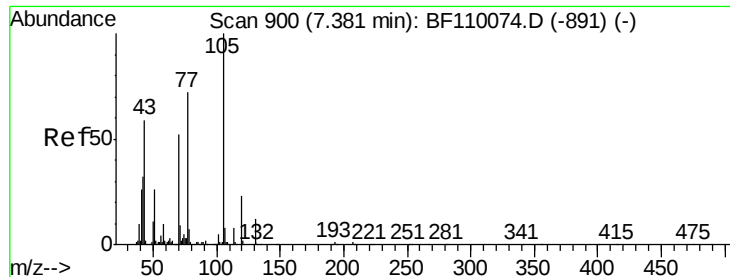
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.8	92.6	138.8
77	46.0	59.4	89.2
79	45.7	54.0	81.0



#18
Hexachloroethane
Concen: 26.948 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF110246.D
Acq: 27 Oct 2018 7:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.9	75.0	112.6
201	85.9	79.2	118.8

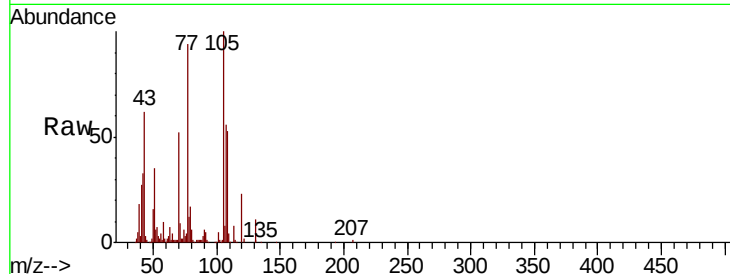




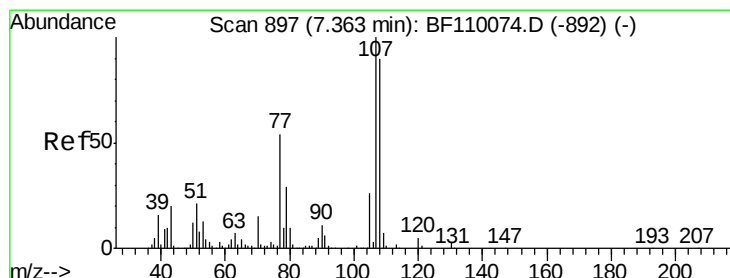
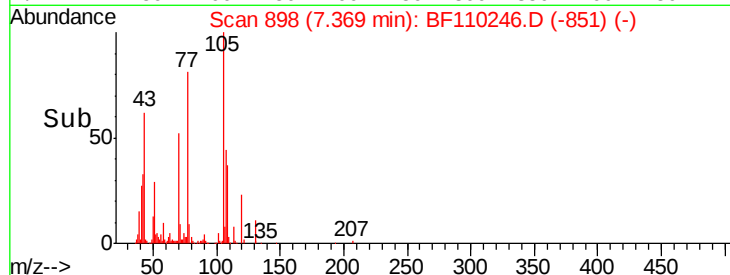
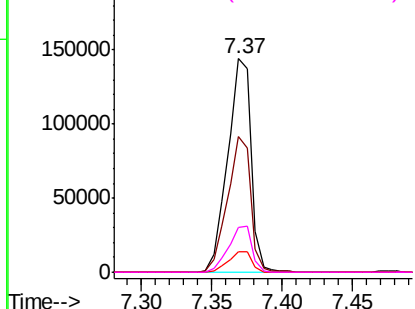
#19
n-Nitroso-di-n-propylamine
Concen: 32.646 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF110246.D
Acq: 27 Oct 2018 7:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 166512
Ion Ratio Lower Upper
70 100
42 63.5 47.4 71.2
101 9.7 7.3 10.9
130 20.8 16.2 24.2

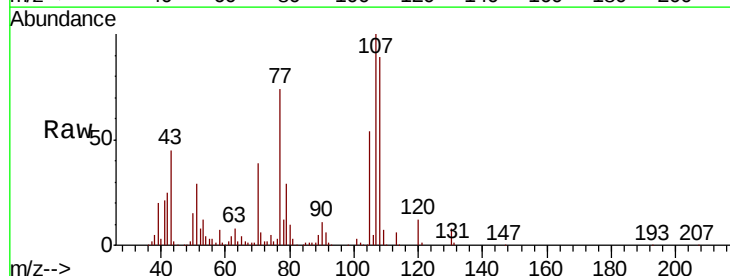


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

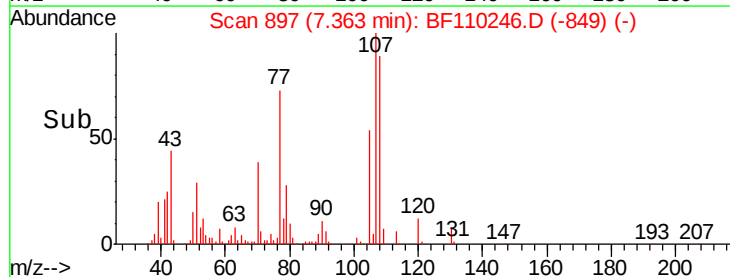
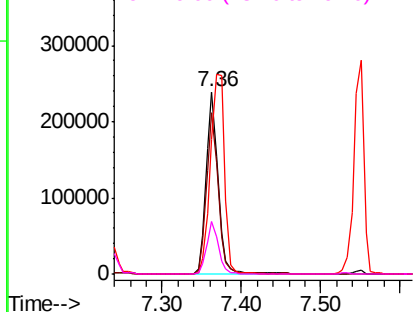


#20
3+4-Methylphenols
Concen: 34.380 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF110246.D
Acq: 27 Oct 2018 7:49

Tgt Ion:107 Resp: 253804
Ion Ratio Lower Upper
107 100
108 88.8 71.4 111.4
77 73.6 47.3 87.3
79 28.6 10.9 50.9



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.02 min

Lab File: BF110246.D

Acq: 27 Oct 2018 7:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 407257

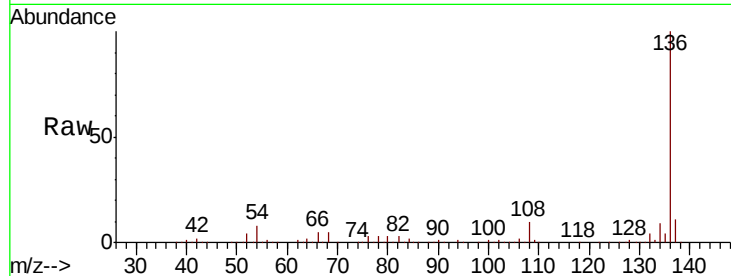
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 7.8 5.4 8.2

68 5.2 4.2 6.2

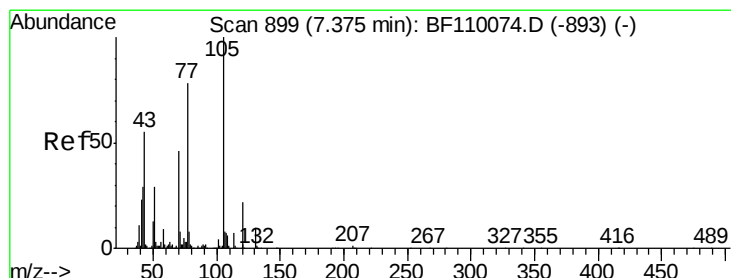
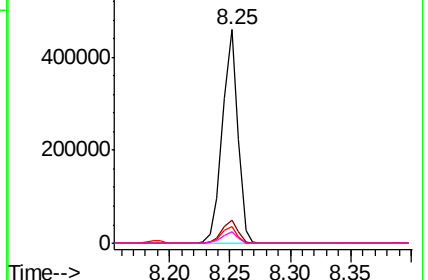
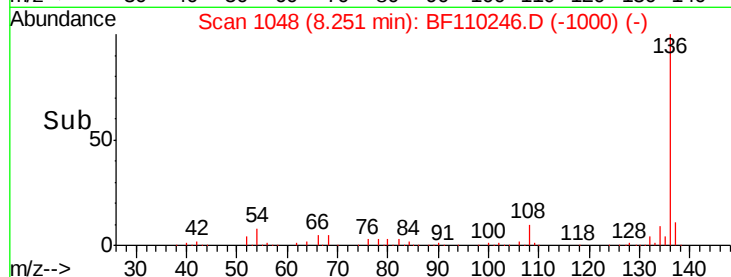


Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.034 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.02 min

Lab File: BF110246.D

Acq: 27 Oct 2018 7:49

Tgt Ion:105 Resp: 328761

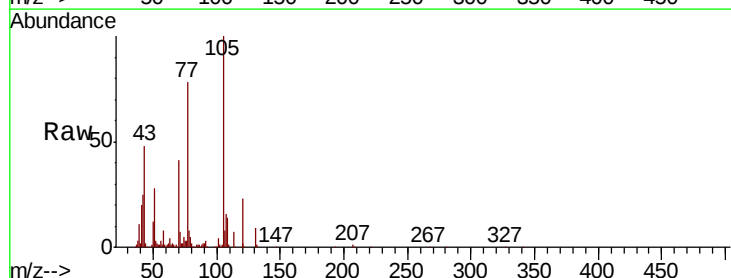
Ion Ratio Lower Upper

105 100

71 6.7 5.2 7.8

51 28.4 21.8 32.8

120 23.0 17.0 25.4

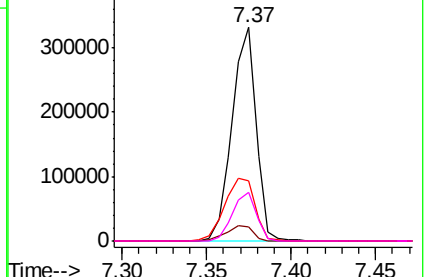
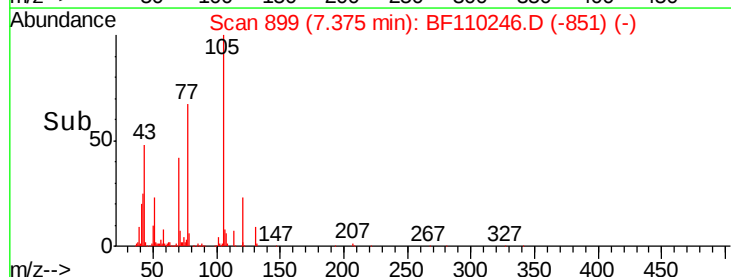


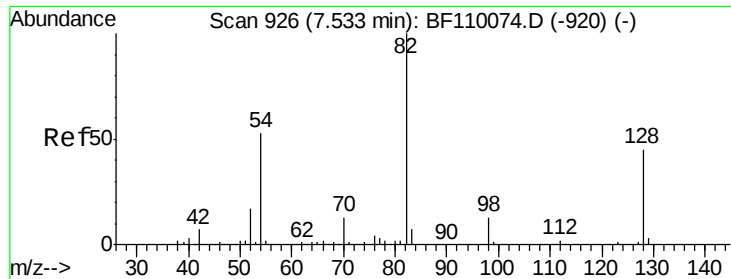
Abundance Ion 105.00 (104.70 to 105.70): E

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

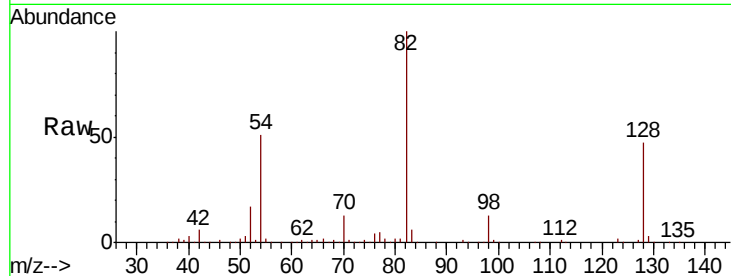




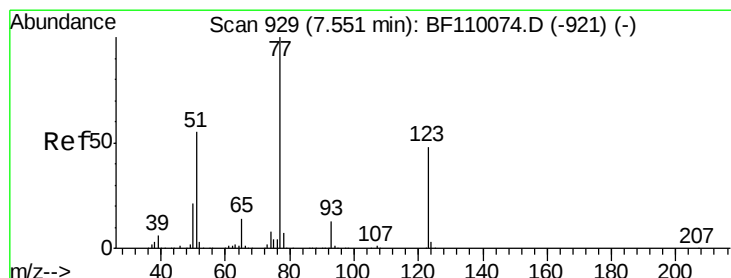
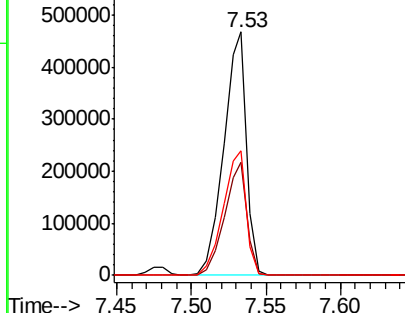
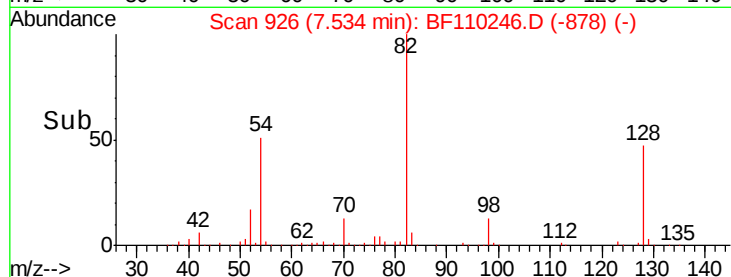
#23
 Nitrobenzene-d5
 Concen: 73.069 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.02 min
 Lab File: BF110246.D
 Acq: 27 Oct 2018 7:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82.00	Resp	501709
Ion Ratio	Lower	Upper	
82	100		
128	46.7	34.2	51.2
54	51.3	38.6	58.0

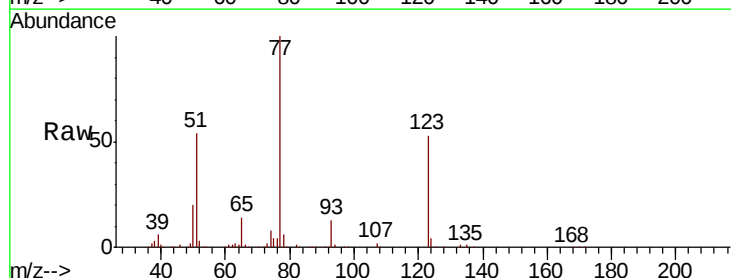


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

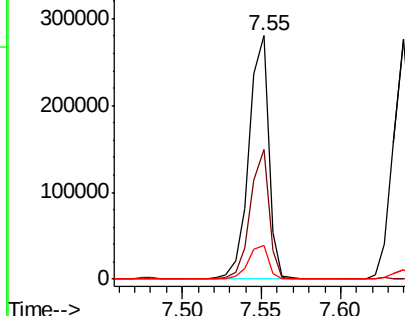
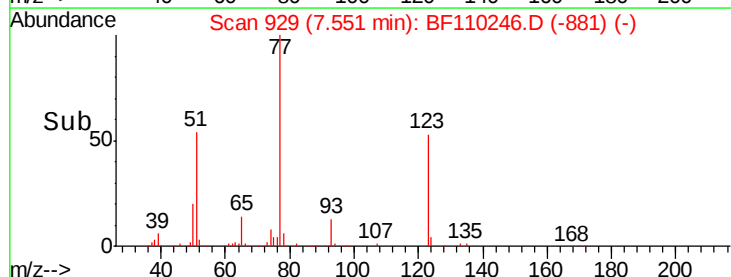


#24
 Nitrobenzene
 Concen: 34.280 ng
 RT: 7.55 min Scan# 929
 Delta R.T. -0.02 min
 Lab File: BF110246.D
 Acq: 27 Oct 2018 7:49

Tgt Ion	77.00	Resp	243004
Ion Ratio	Lower	Upper	
77	100		
123	53.1	35.7	53.5
65	13.8	10.7	16.1



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





#25

Isophorone

Concen: 37.724 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.02 min

Lab File: BF110246.D

Acq: 27 Oct 2018 7:49

Instrument :

BNA_F

ClientSampleId :

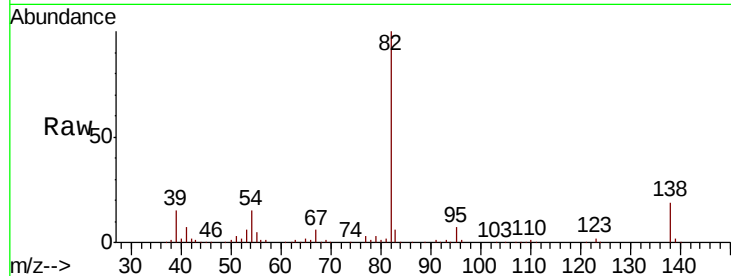
Tot Ion: 82 Resp: 441528

Ion Ratio Lower Upper

82 100

95 7.1 5.7 8.5

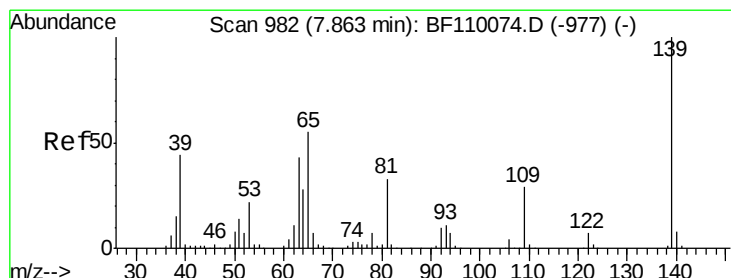
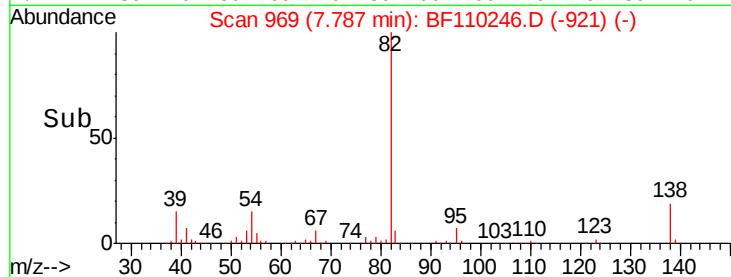
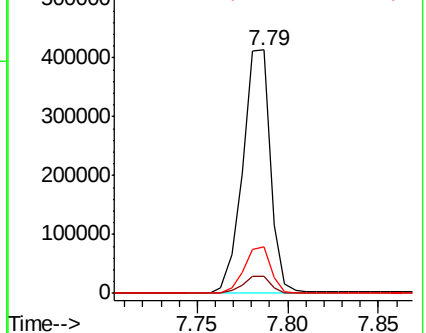
138 19.4 13.2 19.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 28.912 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.02 min

Lab File: BF110246.D

Acq: 27 Oct 2018 7:49

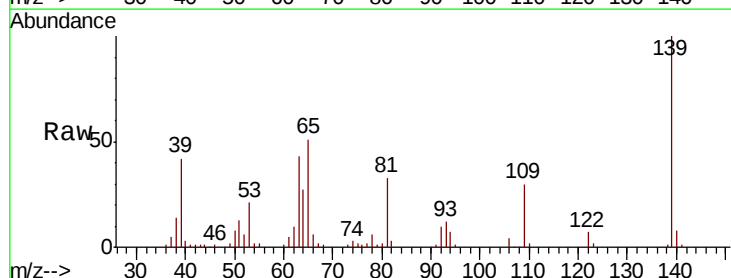
Tgt Ion: 139 Resp: 97529

Ion Ratio Lower Upper

139 100

109 29.6 25.0 37.6

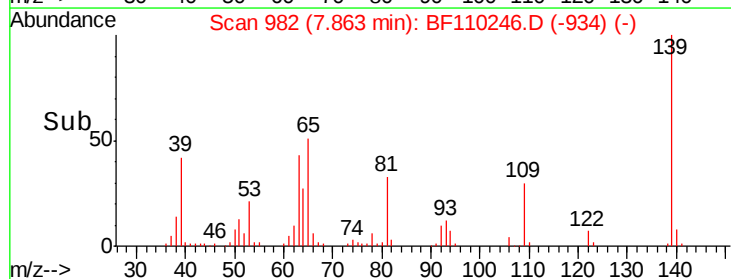
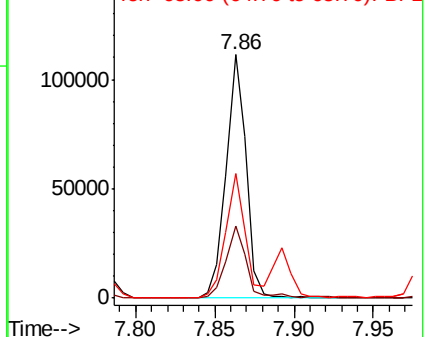
65 51.3 44.0 66.0

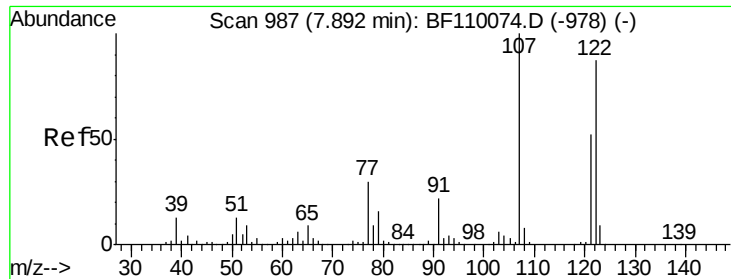


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

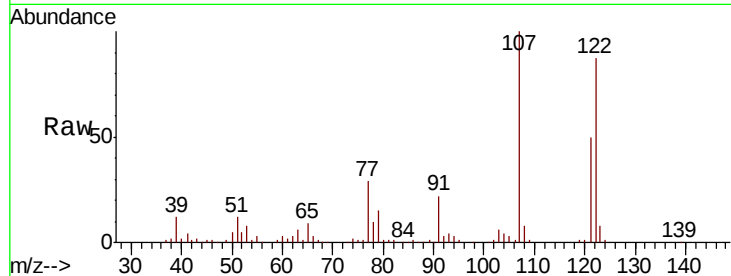




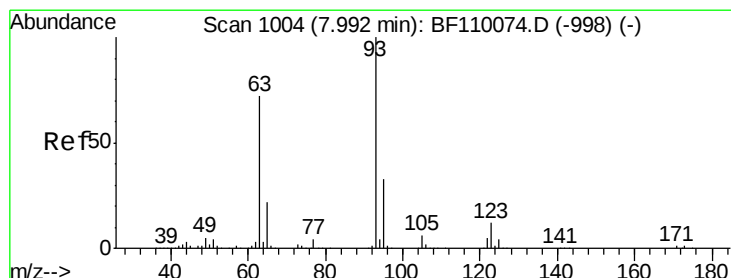
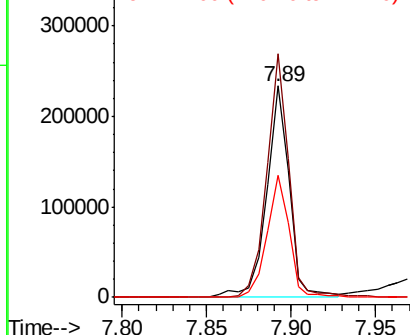
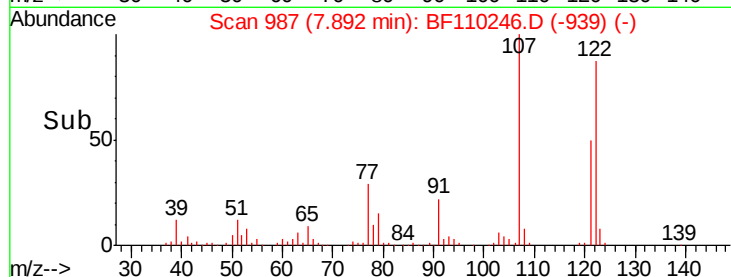
#27
2,4-Dimethylphenol
Concen: 38.718 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.02 min
Lab File: BF110246.D
Acq: 27 Oct 2018 7:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 216544
Ion Ratio Lower Upper
122 100
107 115.4 92.5 138.7
121 58.0 45.8 68.8

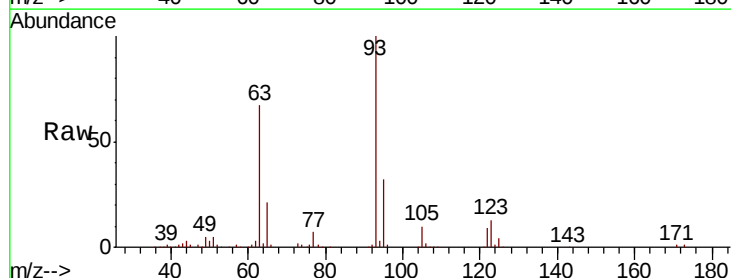


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

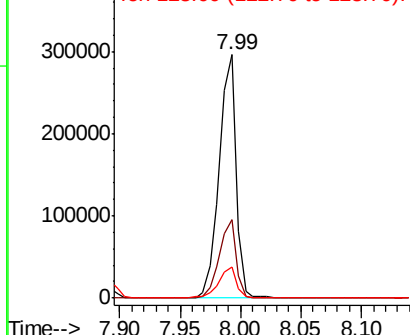
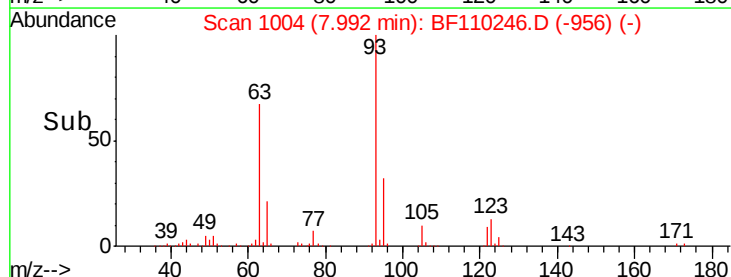


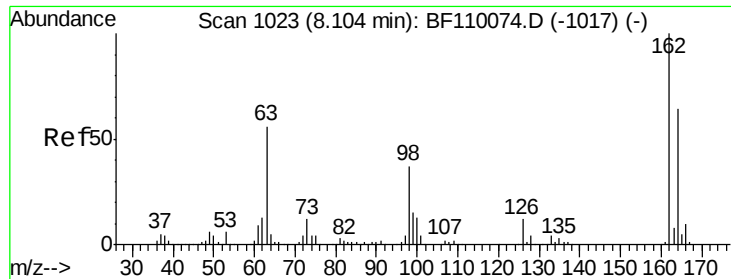
#28
bis(2-Chloroethoxy)methane
Concen: 35.916 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF110246.D
Acq: 27 Oct 2018 7:49

Tgt Ion: 93 Resp: 285570
Ion Ratio Lower Upper
93 100
95 32.1 26.4 39.6
123 12.6 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

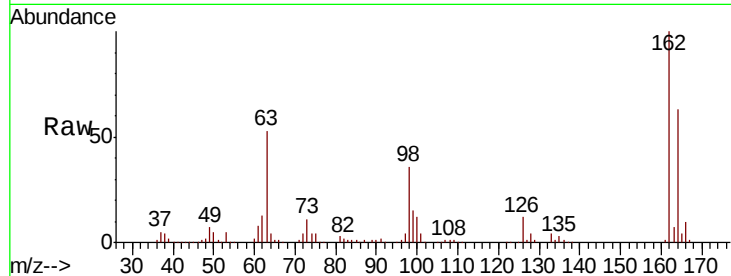




#29
 2,4-Dichlorophenol
 Concen: 33.989 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BF110246.D
 Acq: 27 Oct 2018 7:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.8	44.6	84.6
98	35.8	17.4	57.4

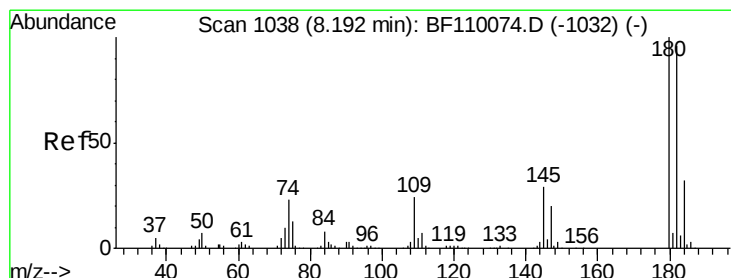
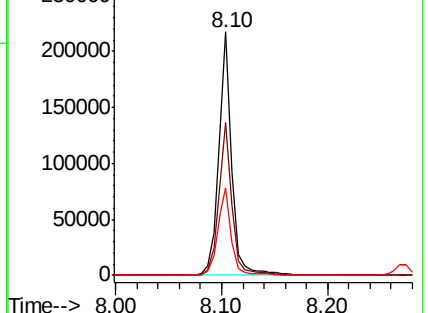
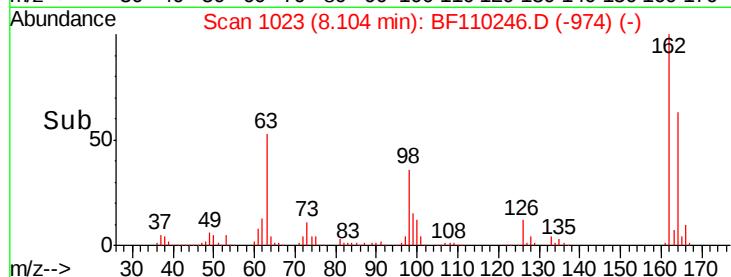


Abundance

Ion 162.00 (161.70 to 162.70): E

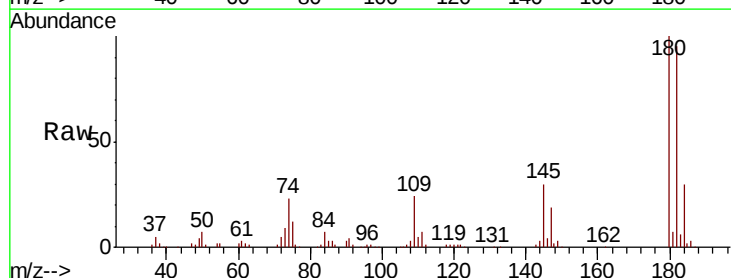
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 33.188 ng
 RT: 8.19 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF110246.D
 Acq: 27 Oct 2018 7:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	80.3	120.5
145	29.9	25.4	38.0

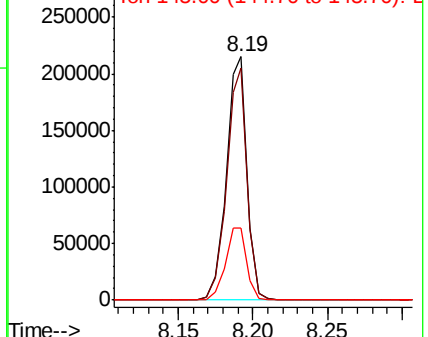
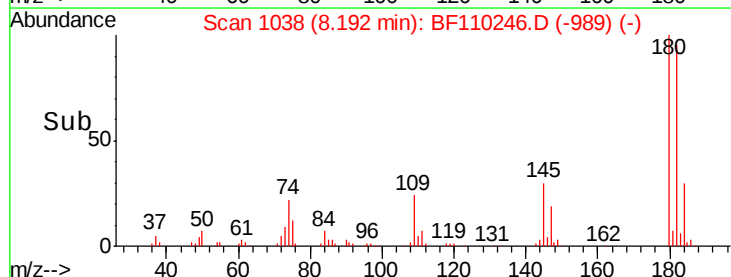


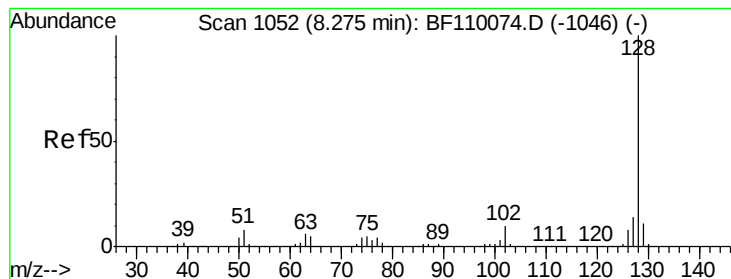
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 35.989 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.02 min

Lab File: BF110246.D

Acq: 27 Oct 2018 7:49

Instrument :

BNA_F

ClientSampled :

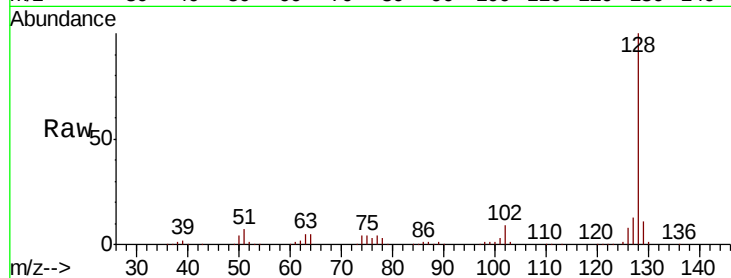
Tot Ion:128 Resp: 675522

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

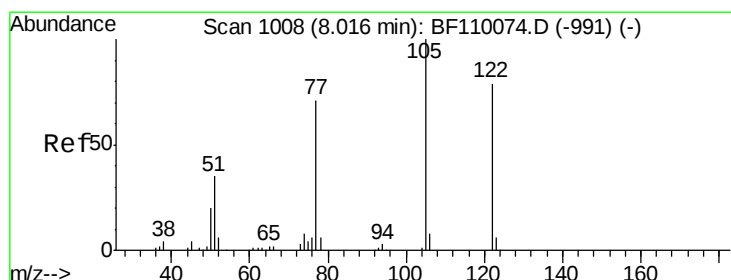
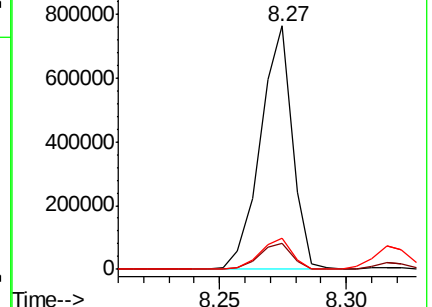
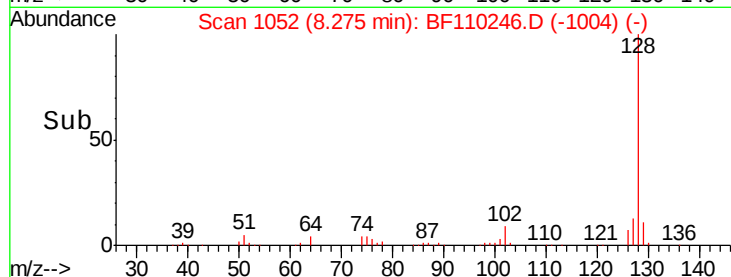
127 13.0 10.8 16.2



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: 18.384 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.02 min

Lab File: BF110246.D

Acq: 27 Oct 2018 7:49

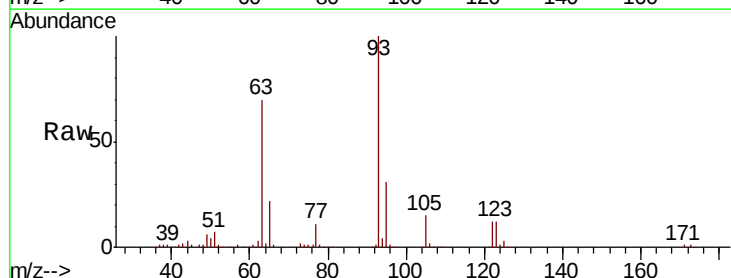
Tgt Ion:122 Resp: 79468

Ion Ratio Lower Upper

122 100

105 127.4 109.0 149.0

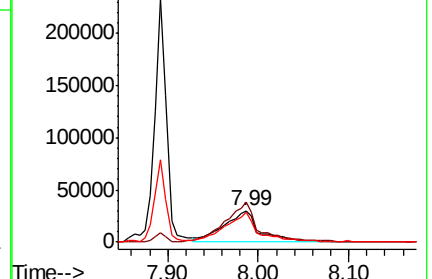
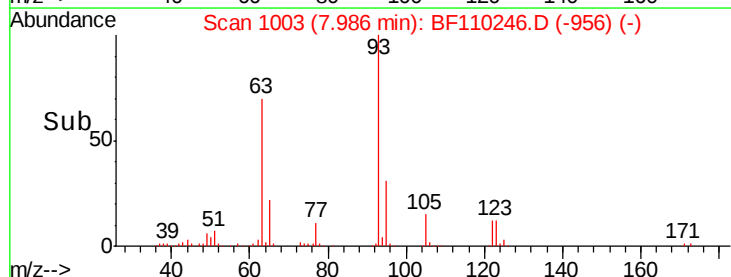
77 92.5 79.0 119.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

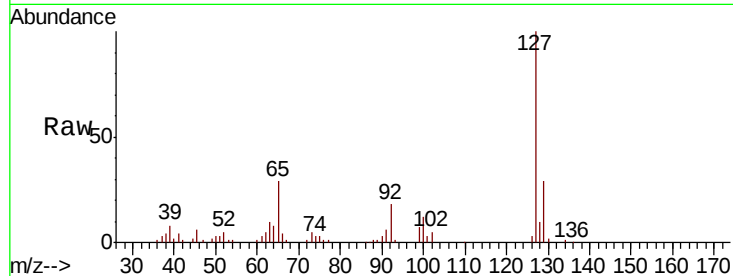




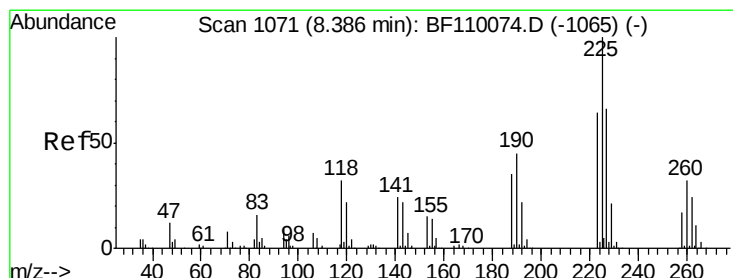
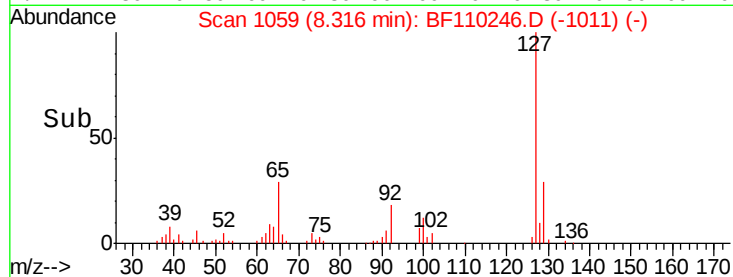
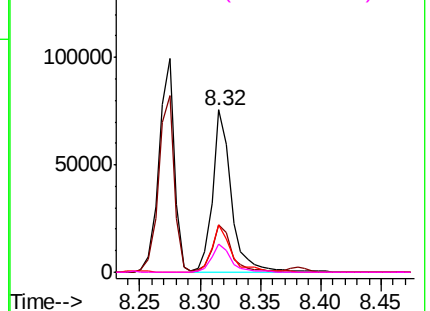
#33
4-Chloroaniline
Concen: 9.659 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.02 min
Lab File: BF110246.D
Acq: 27 Oct 2018 7:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	81596
Ion	Ratio	Lower	Upper
127	100		
129	29.3	26.0	39.0
65	29.4	25.1	37.7
92	17.6	15.0	22.6

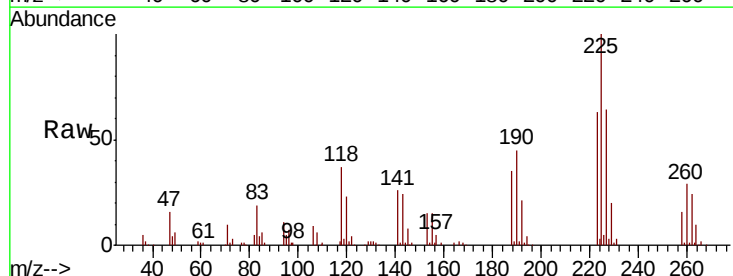


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

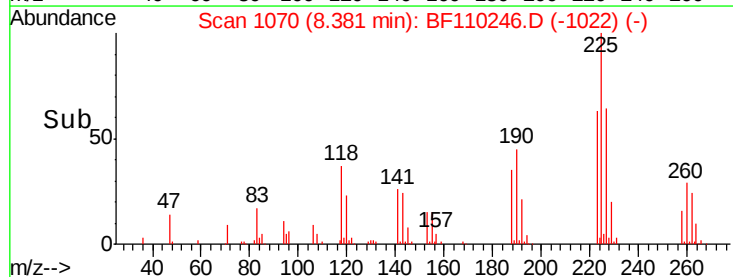
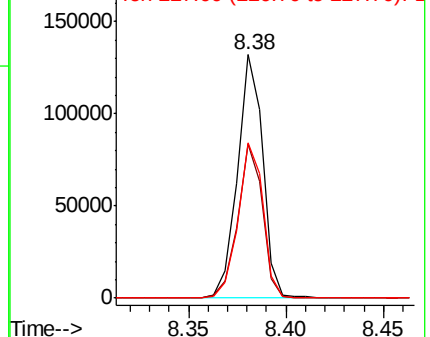


#34
Hexachlorobutadiene
Concen: 33.632 ng
RT: 8.38 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BF110246.D
Acq: 27 Oct 2018 7:49

Tgt Ion:	225	Resp:	118188
Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.4	77.2
227	64.0	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

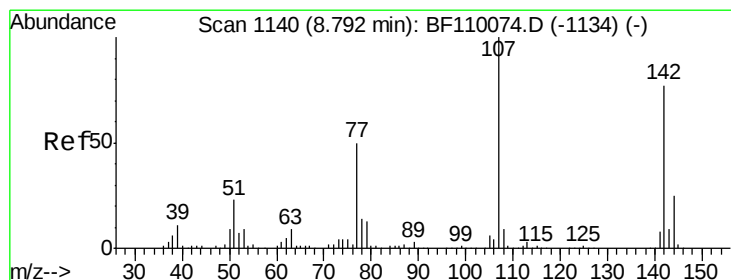
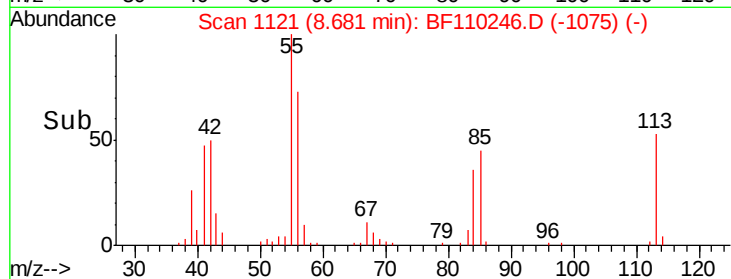
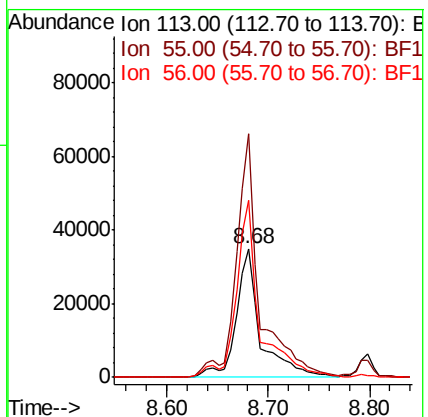
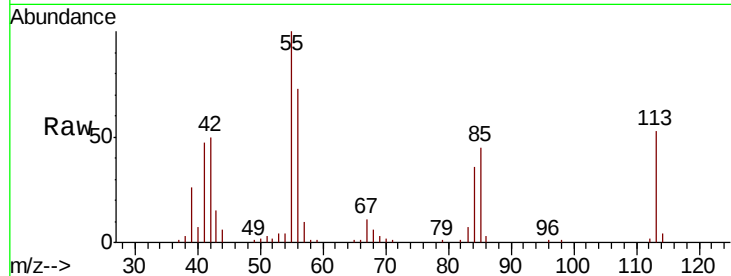




#35
 Caprolactam
 Concen: 29.264 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.03 min
 Lab File: BF110246.D
 Acq: 27 Oct 2018 7:49

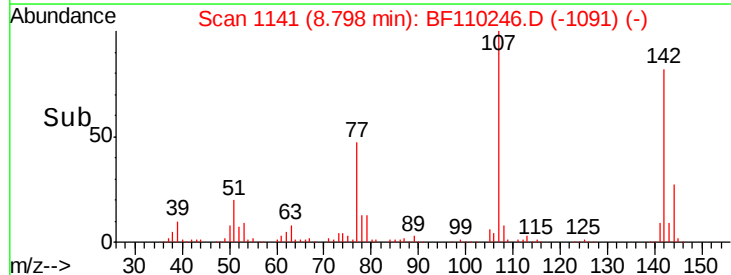
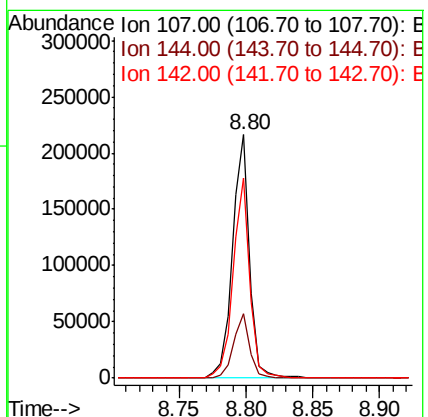
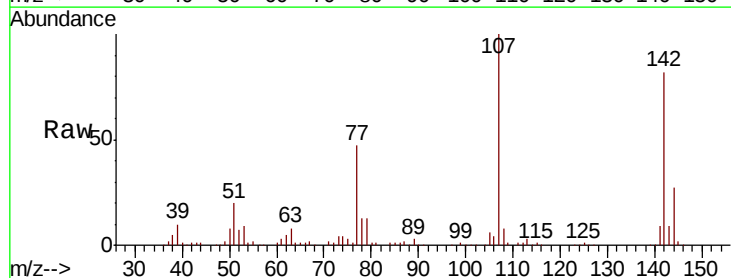
Instrument :
 BNA_F
 ClientSampled :

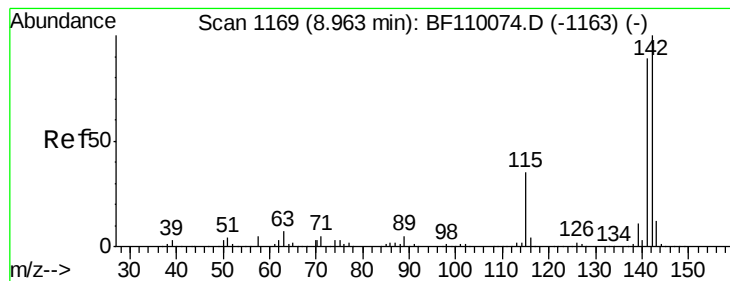
Tot Ion:113 Resp: 57633
 Ion Ratio Lower Upper
 113 100
 55 188.9 142.8 182.8#
 56 137.5 105.0 145.0



#36
 4-Chloro-3-methylphenol
 Concen: 31.897 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BF110246.D
 Acq: 27 Oct 2018 7:49

Tgt Ion:107 Resp: 194896
 Ion Ratio Lower Upper
 107 100
 144 26.5 20.0 30.0
 142 82.2 59.7 89.5

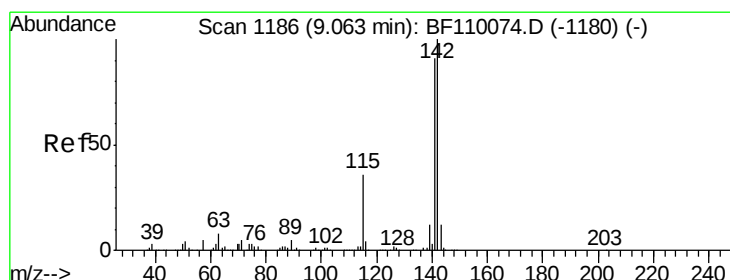
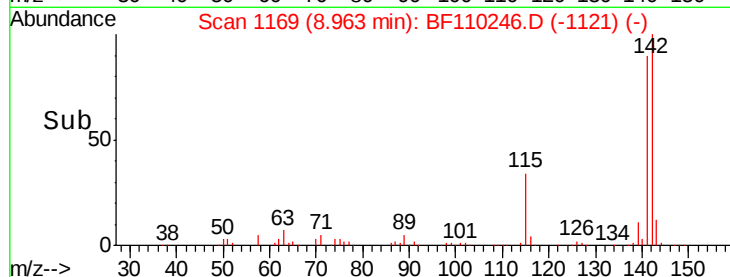
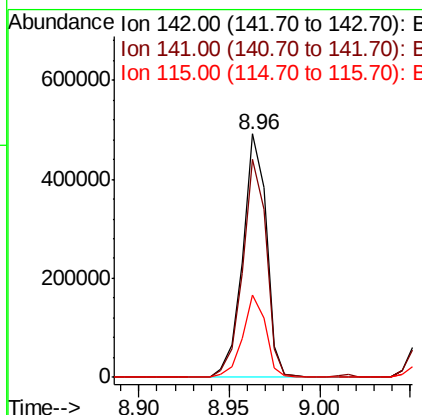
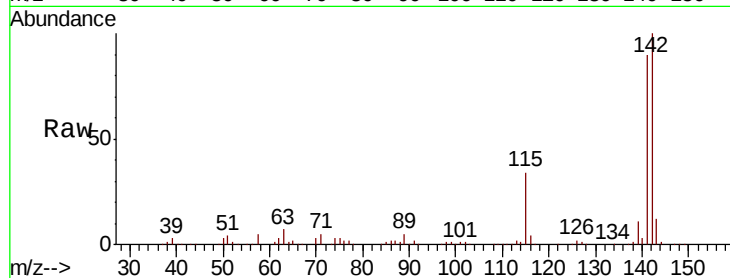




#37
 2-Methylnaphthalene
 Concen: 35.975 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.02 min
 Lab File: BF110246.D
 Acq: 27 Oct 2018 7:49

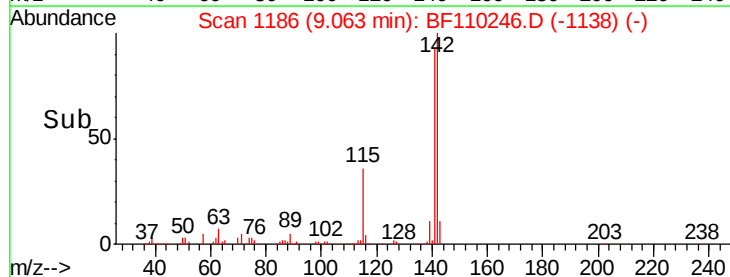
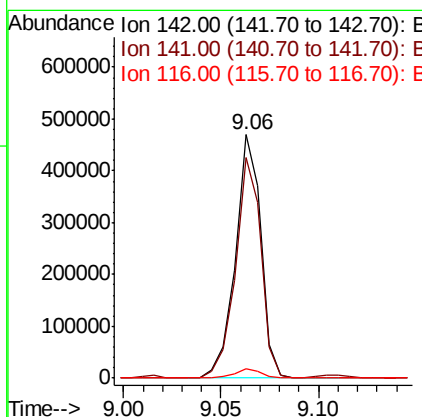
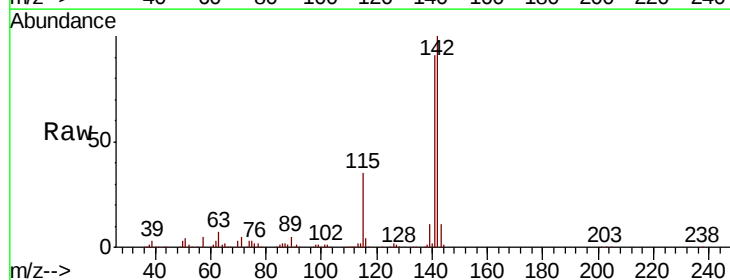
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.4	107.2
115	33.8	28.7	43.1



#38
 1-Methylnaphthalene
 Concen: 35.128 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.02 min
 Lab File: BF110246.D
 Acq: 27 Oct 2018 7:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.8	74.2	111.4
116	3.6	2.6	4.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.02 min

Lab File: BF110246.D

Acq: 27 Oct 2018 7:49

Instrument :

BNA_F

ClientSampled :

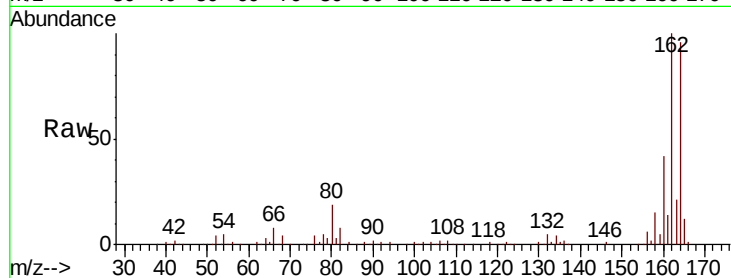
Tot Ion:164 Resp: 168303

Ion Ratio Lower Upper

164 100

162 103.8 83.0 124.6

160 44.1 37.0 55.6

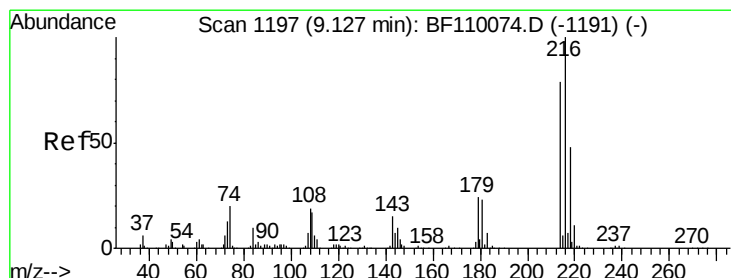
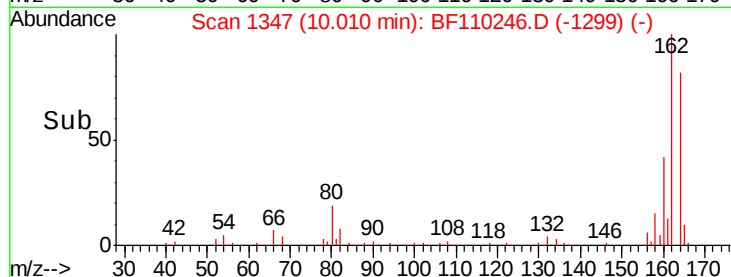
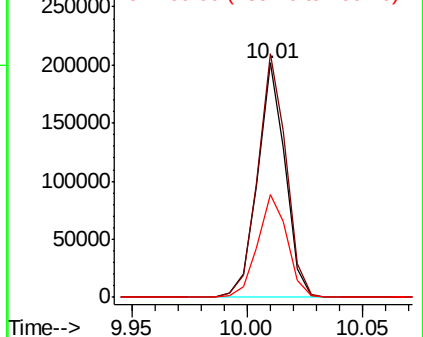


Abundance

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: 36.092 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.02 min

Lab File: BF110246.D

Acq: 27 Oct 2018 7:49

Tgt Ion:216 Resp: 189266

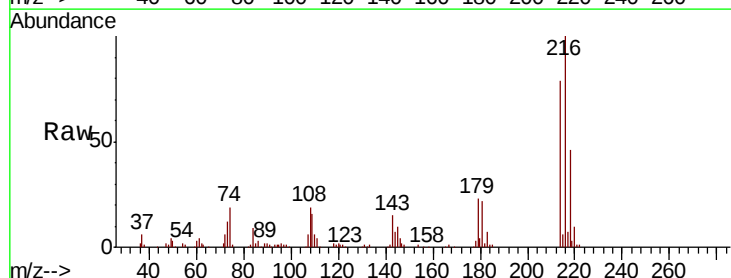
Ion Ratio Lower Upper

216 100

214 78.2 63.8 95.6

179 22.4 16.6 25.0

108 18.2 15.1 22.7



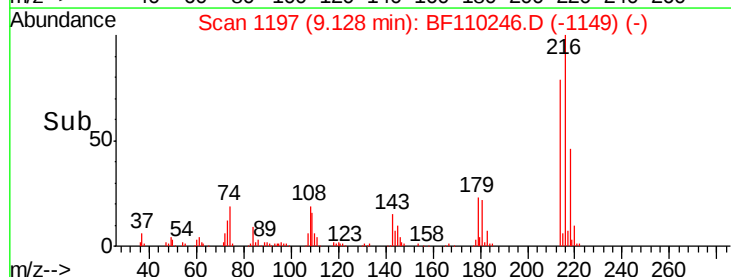
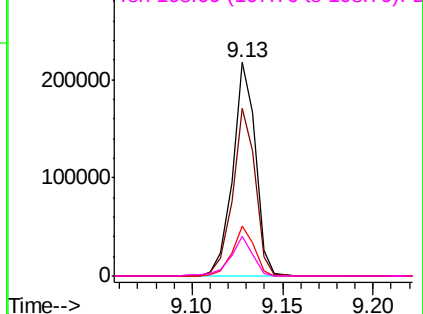
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 15.887 ng

RT: 9.11 min Scan# 1194

Delta R.T. -0.02 min

Lab File: BF110246.D

Acq: 27 Oct 2018 7:49

Instrument :

BNA_F

ClientSampleId :

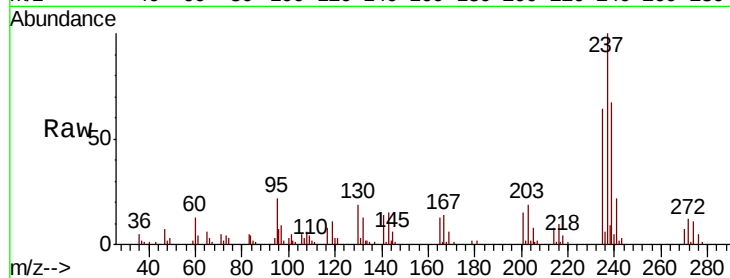
Tot Ion:237 Resp: 42600

Ion Ratio Lower Upper

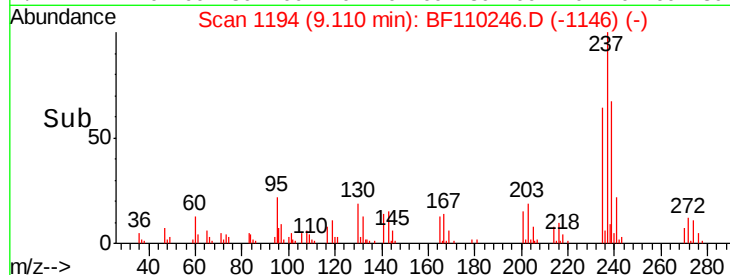
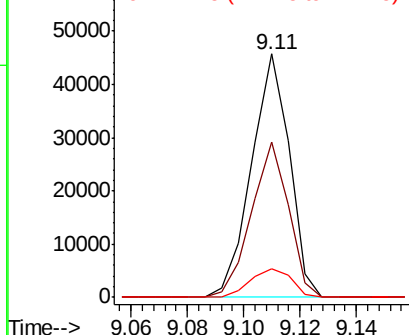
237 100

235 63.9 43.1 83.1

272 11.8 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: 60.135 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110246.D

Acq: 27 Oct 2018 7:49

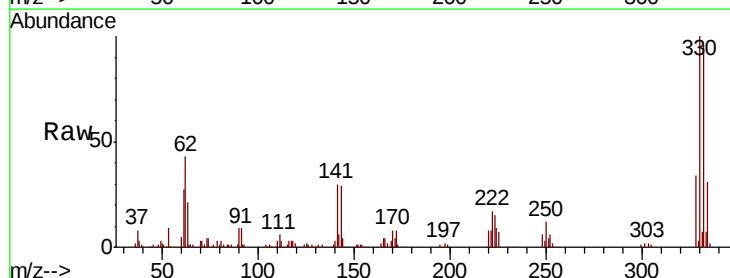
Tgt Ion:330 Resp: 100254

Ion Ratio Lower Upper

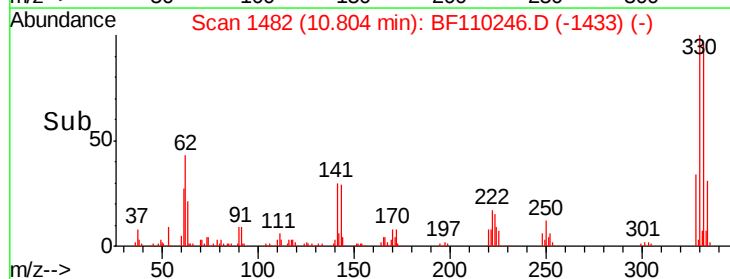
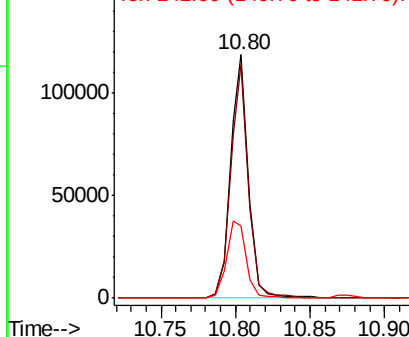
330 100

332 95.1 77.1 115.7

141 35.2 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

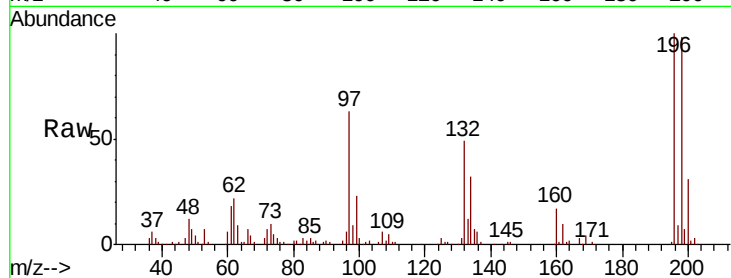




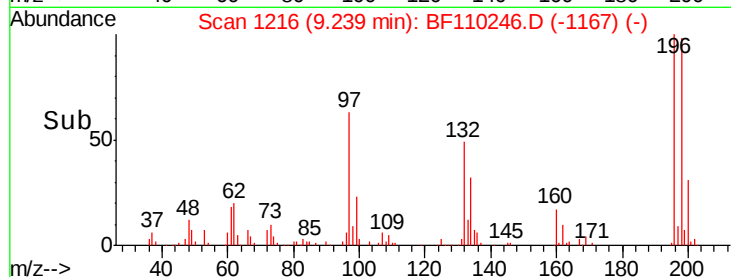
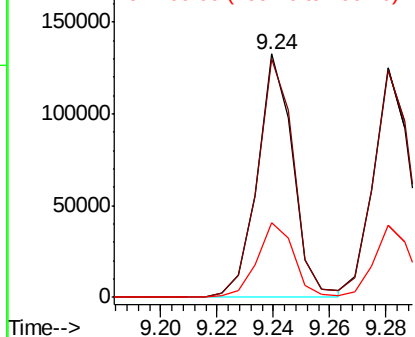
#43
 2,4,6-Trichlorophenol
 Concen: 34.417 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF110246.D
 Acq: 27 Oct 2018 7:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 116408
 Ion Ratio Lower Upper
 196 100
 198 97.8 76.2 114.4
 200 30.8 24.4 36.6



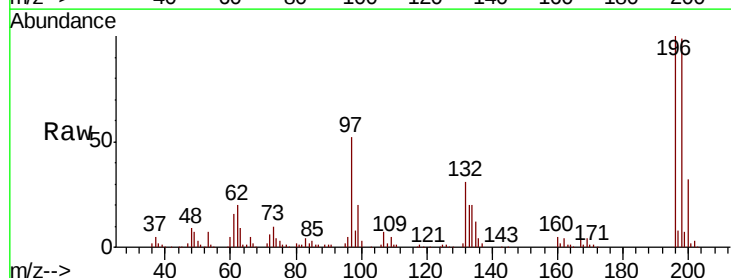
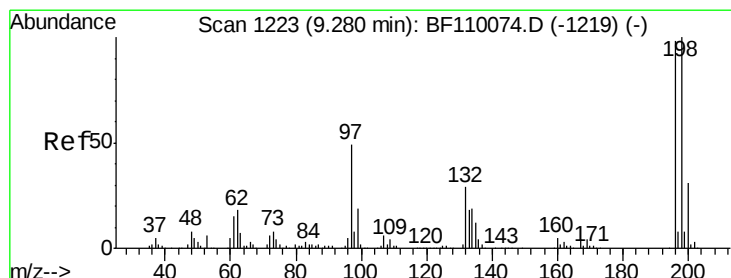
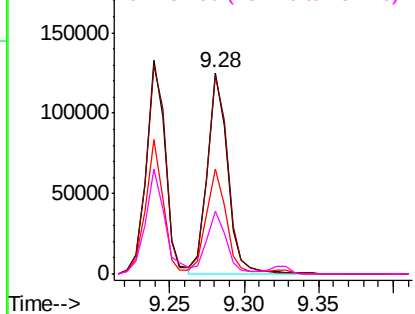
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

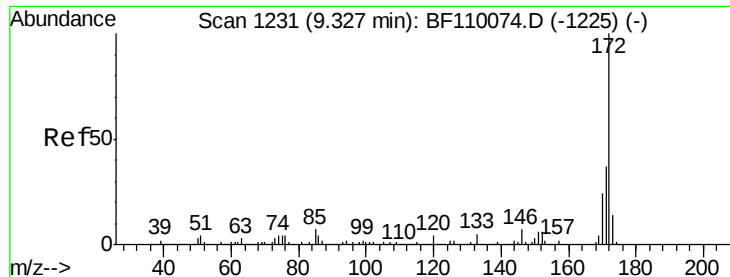


#44
 2,4,5-Trichlorophenol
 Concen: 33.042 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF110246.D
 Acq: 27 Oct 2018 7:49

Tgt Ion:196 Resp: 118134
 Ion Ratio Lower Upper
 196 100
 198 98.9 75.8 113.6
 97 52.5 42.4 63.6
 132 31.3 22.8 34.2

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

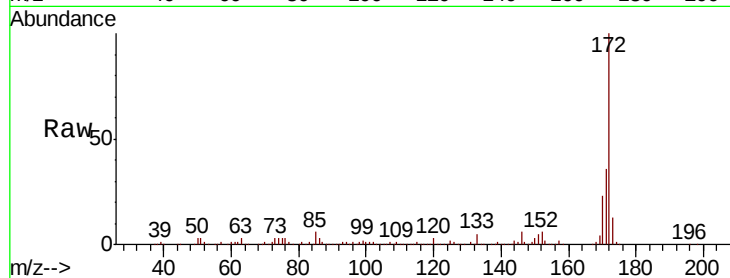




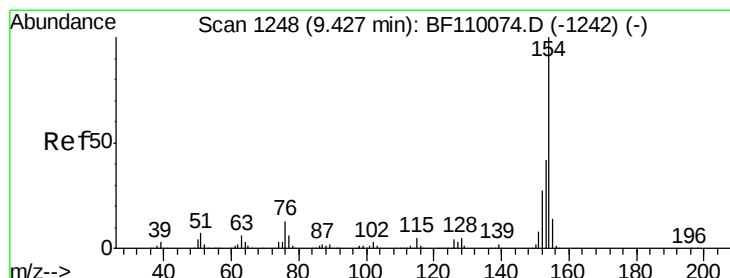
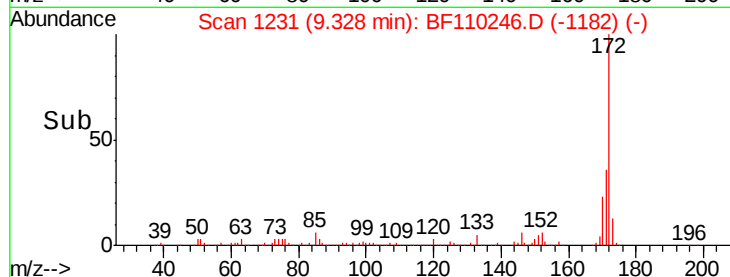
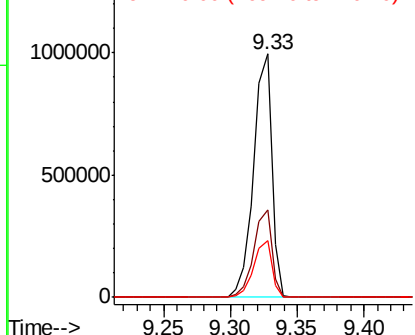
#45
2-Fluorobiphenyl
Concen: 86.643 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110246.D
Acq: 27 Oct 2018 7:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	23.3	19.7	29.5

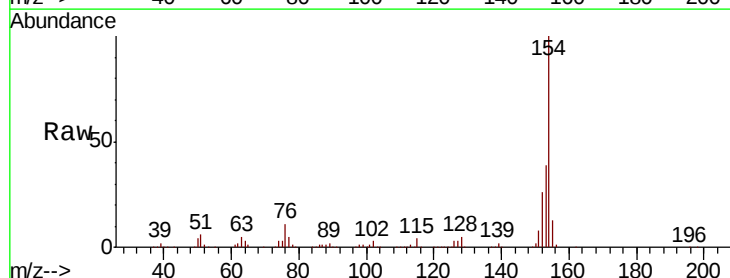


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

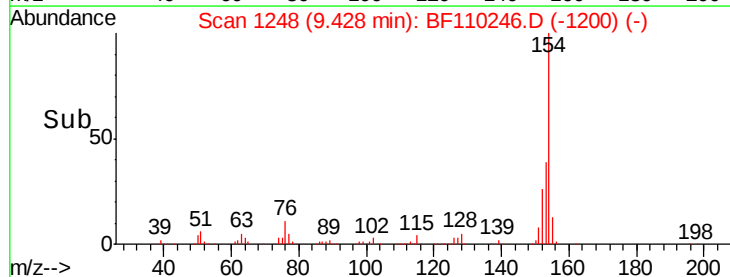
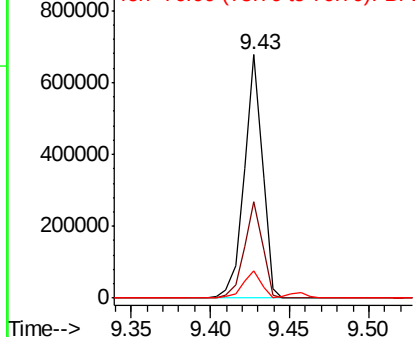


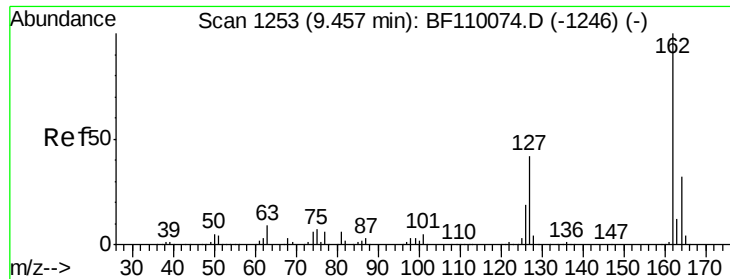
#46
1,1'-Biphenyl
Concen: 35.229 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.02 min
Lab File: BF110246.D
Acq: 27 Oct 2018 7:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.5	20.4	60.4
76	11.4	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

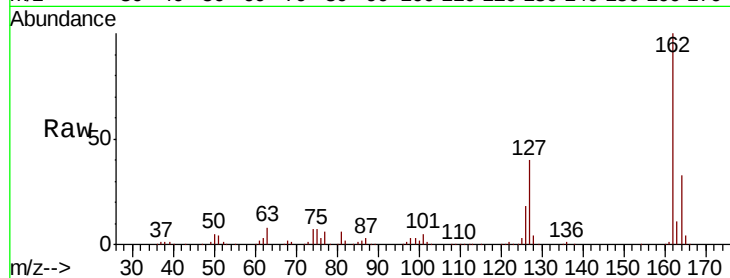




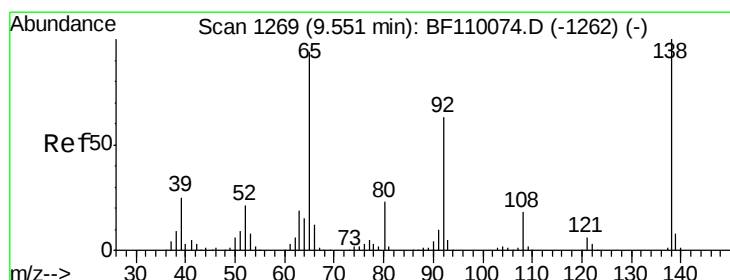
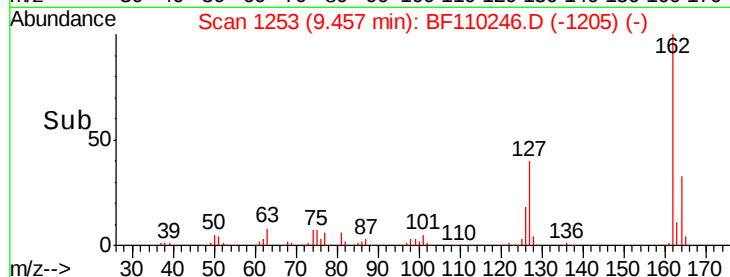
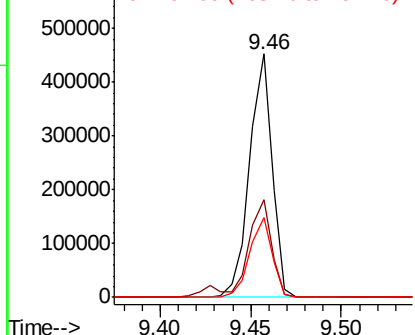
#47
 2-Chloronaphthalene
 Concen: 35.223 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF110246.D
 Acq: 27 Oct 2018 7:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.0	32.6	48.8
164	32.9	25.9	38.9

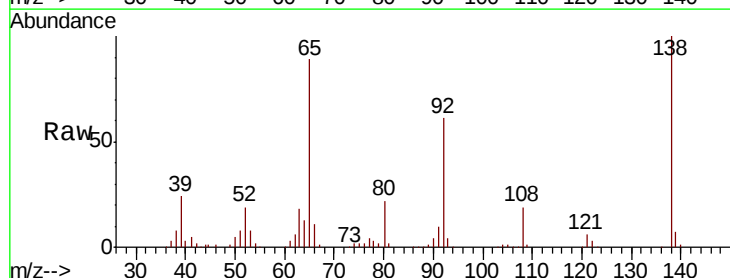


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

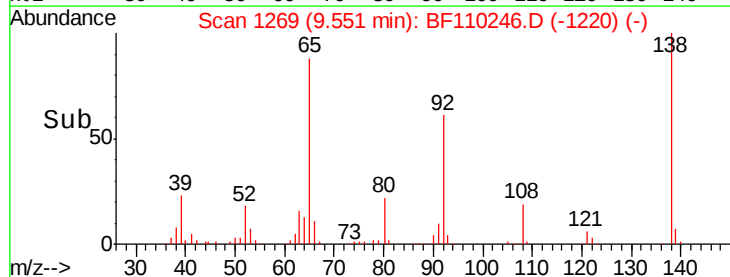
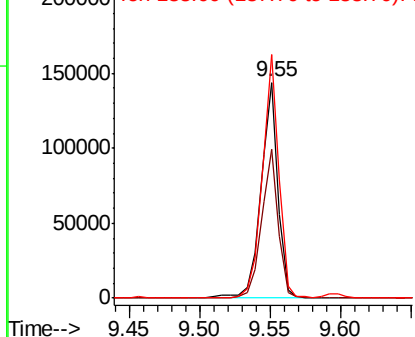


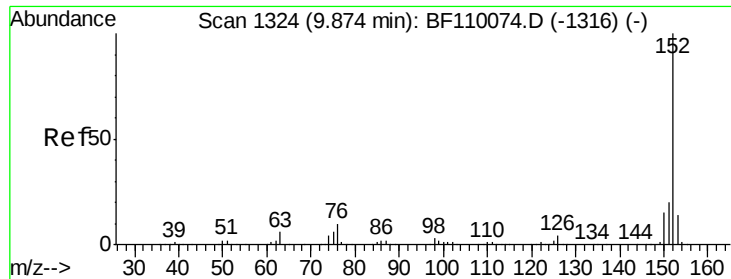
#48
 2-Nitroaniline
 Concen: 36.380 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BF110246.D
 Acq: 27 Oct 2018 7:49

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.8	54.6	81.8
138	112.7	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: 36.900 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BF110246.D

Acq: 27 Oct 2018 7:49

Instrument :

BNA_F

ClientSampleId :

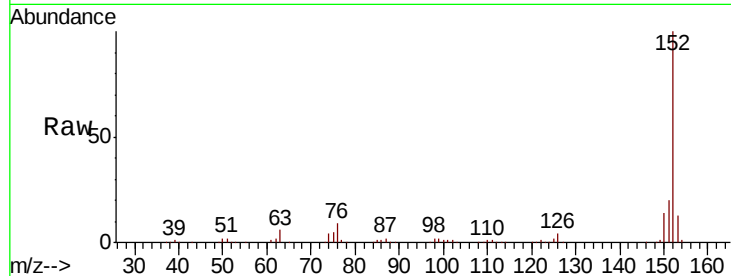
Tot Ion:152 Resp: 595003

Ion Ratio Lower Upper

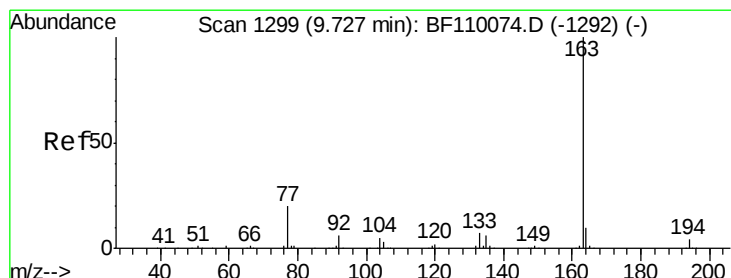
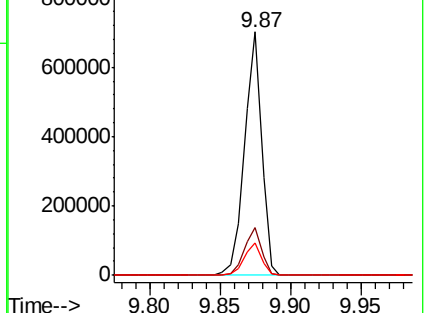
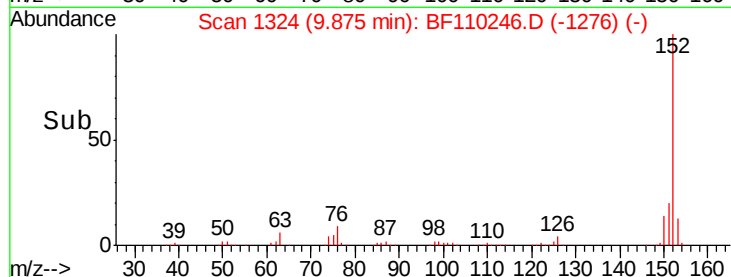
152 100

151 19.9 15.8 23.8

153 13.5 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: 38.451 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BF110246.D

Acq: 27 Oct 2018 7:49

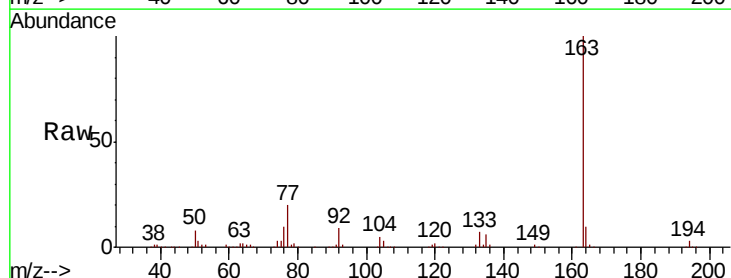
Tgt Ion:163 Resp: 477707

Ion Ratio Lower Upper

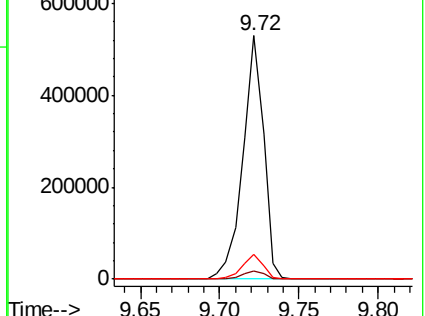
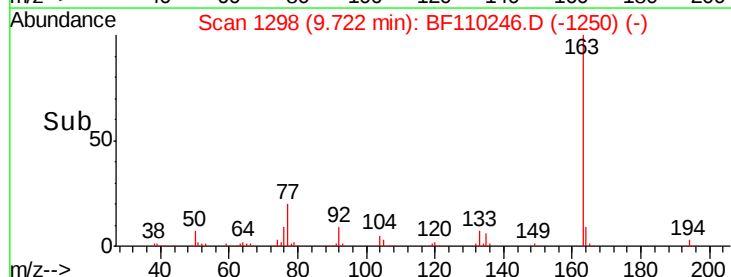
163 100

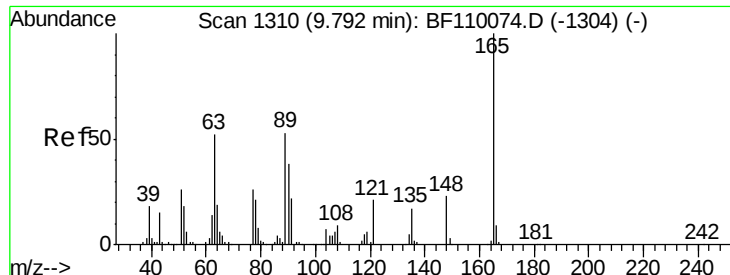
194 3.4 3.2 4.8

164 10.0 8.1 12.1



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

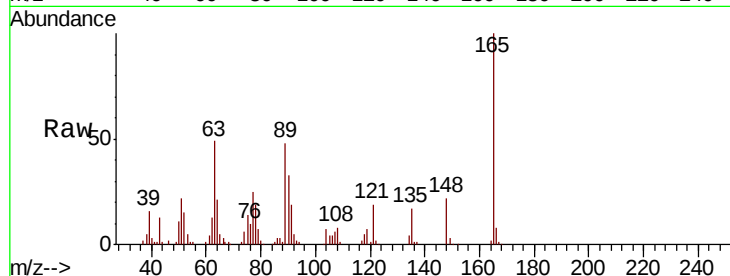




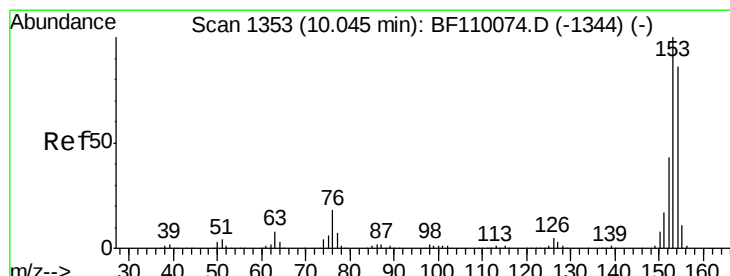
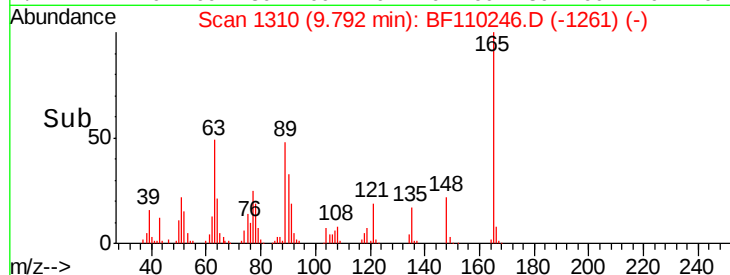
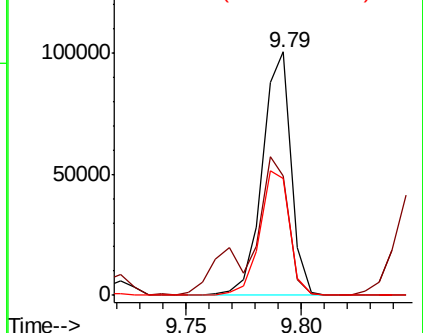
#51
2,6-Dinitrotoluene
Concen: 32.368 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF110246.D
Acq: 27 Oct 2018 7:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	49.0	48.9	73.3
89	48.3	46.6	69.8

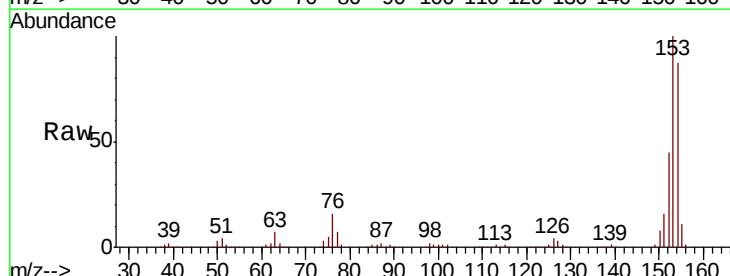


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

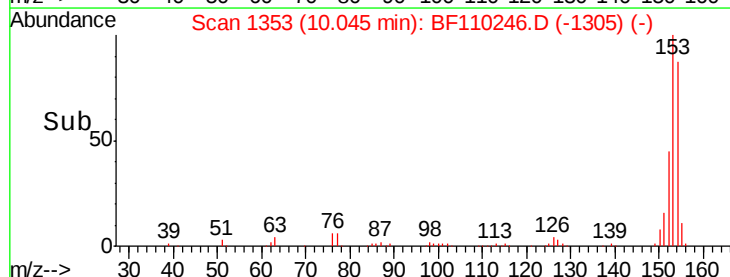
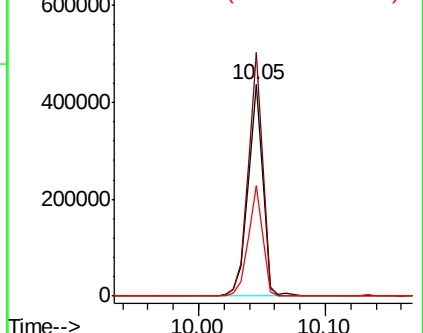


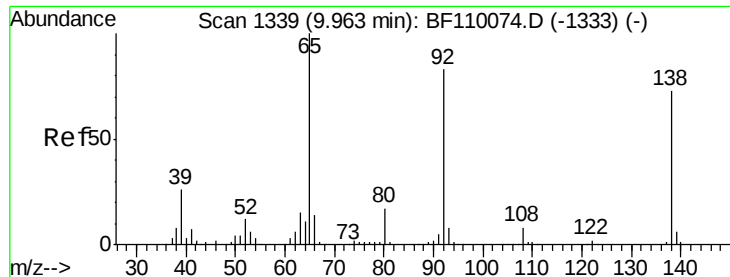
#52
Acenaphthene
Concen: 33.062 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.02 min
Lab File: BF110246.D
Acq: 27 Oct 2018 7:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.3	90.1	135.1
152	52.3	43.4	65.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

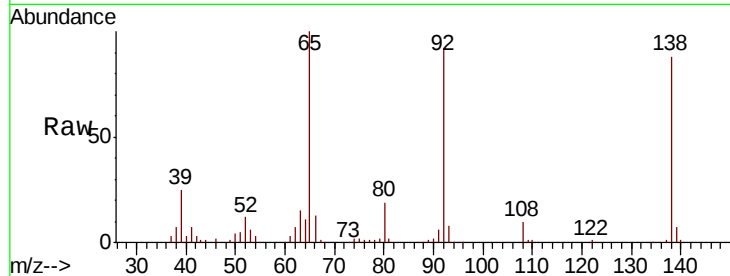




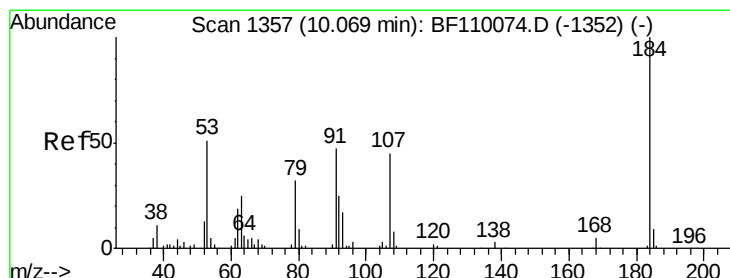
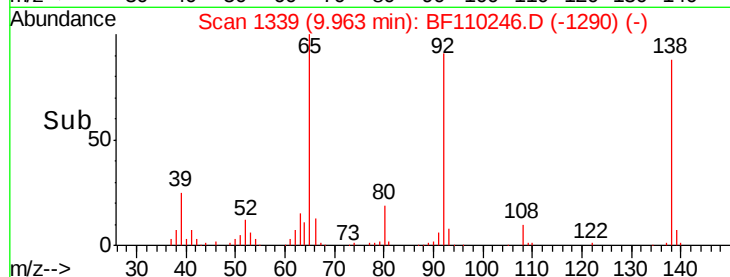
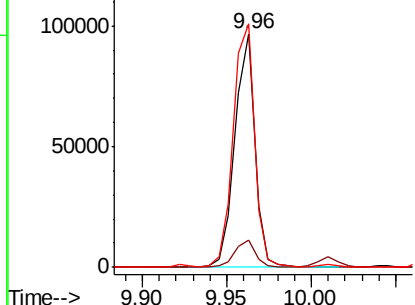
#53
3-Nitroaniline
Concen: 24.974 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF110246.D
Acq: 27 Oct 2018 7:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 79477
Ion Ratio Lower Upper
138 100
108 11.7 8.7 13.1
92 104.3 97.0 145.4

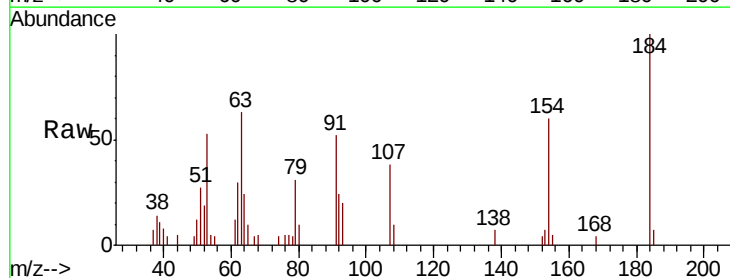


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

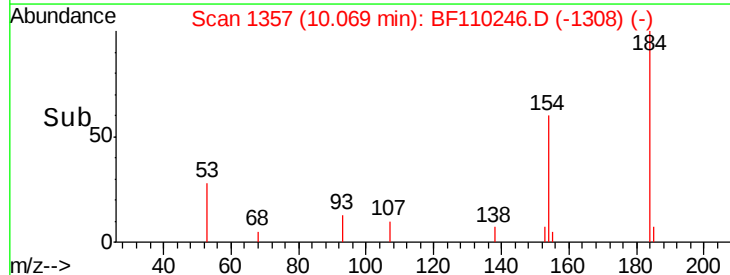
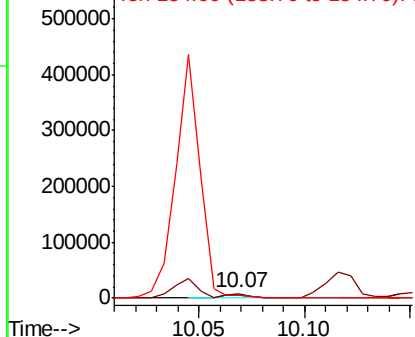


#54
2,4-Dinitrophenol
Concen: 11.998 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF110246.D
Acq: 27 Oct 2018 7:49

Tgt Ion:184 Resp: 7748
Ion Ratio Lower Upper
184 100
63 63.4 55.8 83.6
154 60.0 63.2 94.8#



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

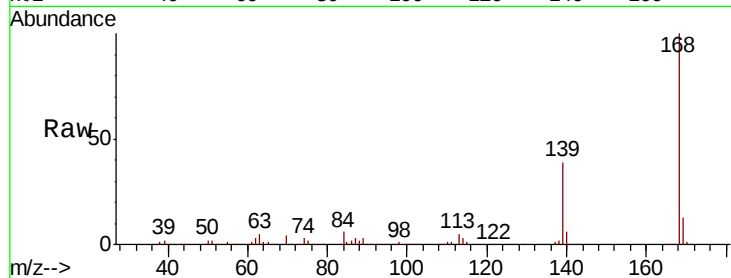




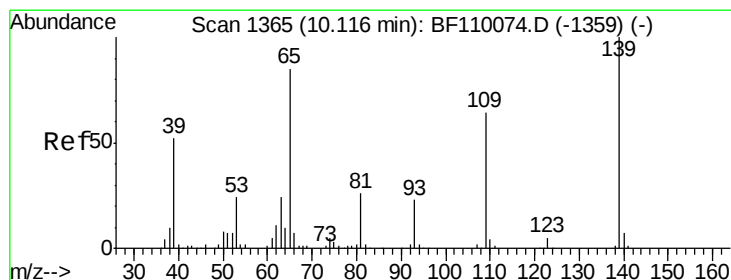
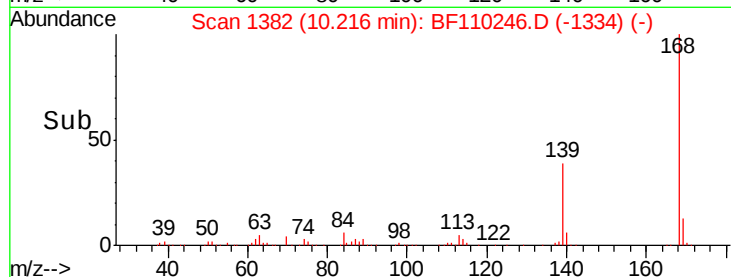
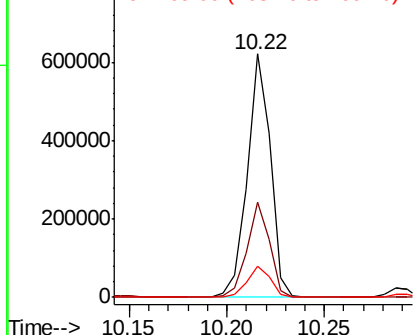
#55
Dibenzenofuran
Concen: 34.117 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.02 min
Lab File: BF110246.D
Acq: 27 Oct 2018 7:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 509543
Ion Ratio Lower Upper
168 100
139 39.0 33.0 49.6
169 13.0 11.3 16.9

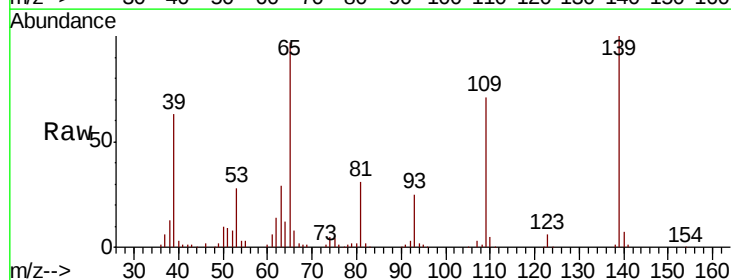


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

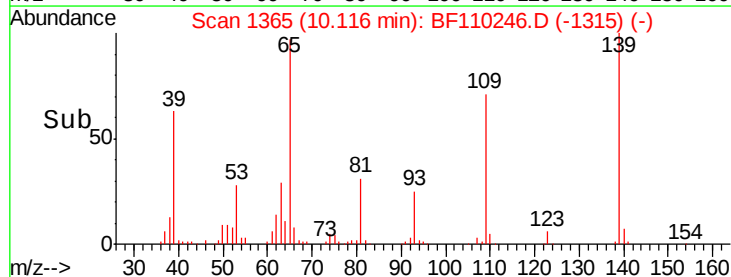
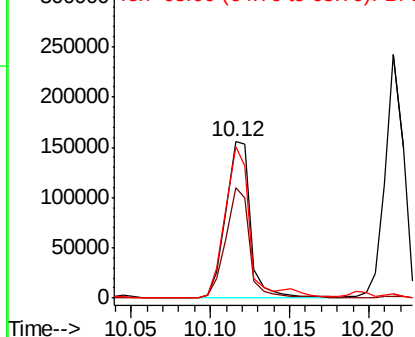


#56
4-Nitrophenol
Concen: 72.349 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF110246.D
Acq: 27 Oct 2018 7:49

Tgt Ion:139 Resp: 170408
Ion Ratio Lower Upper
139 100
109 71.1 55.8 95.8
65 97.2 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

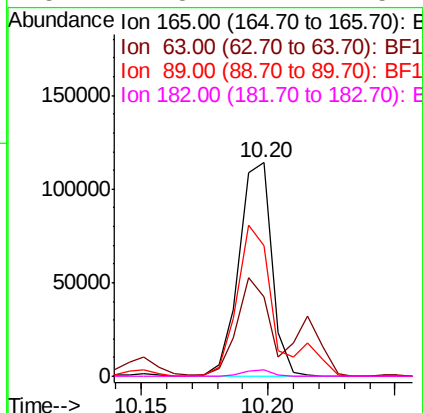
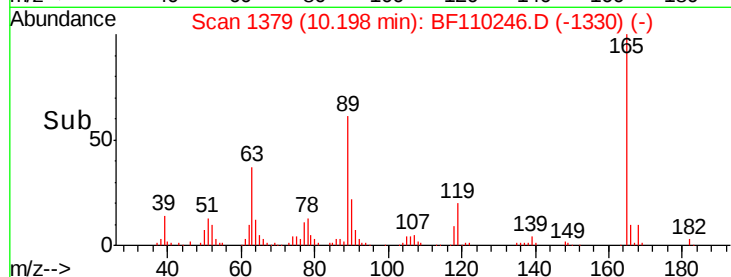
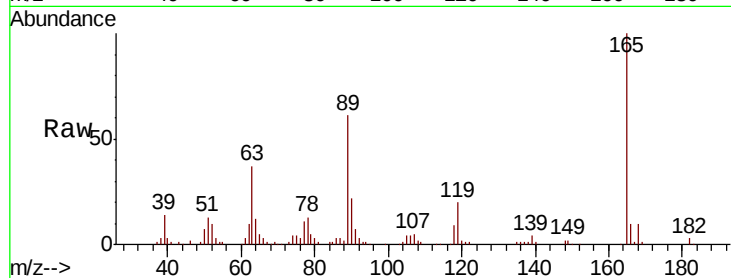




#57
2,4-Dinitrotoluene
Concen: 30.154 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF110246.D
Acq: 27 Oct 2018 7:49

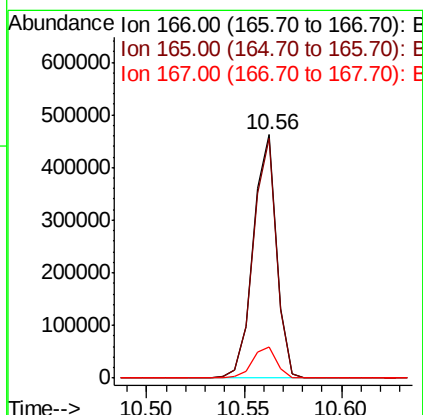
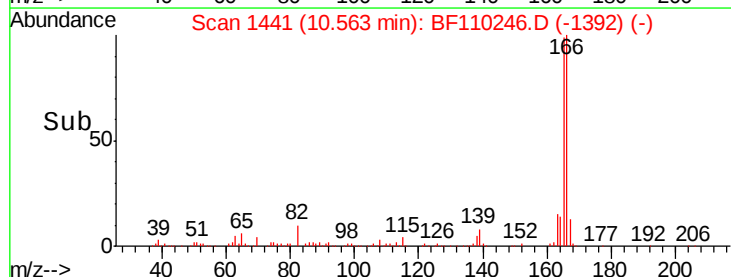
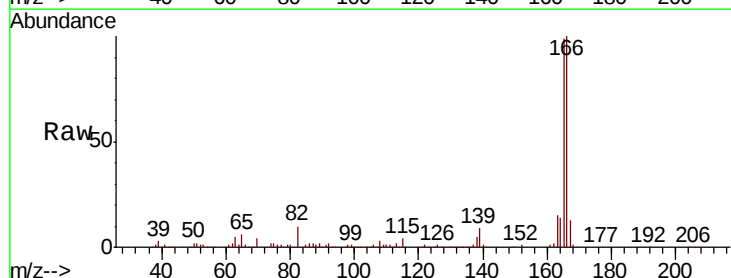
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	37.4	44.8	67.2#
89	61.3	62.2	93.4#
182	2.8	2.1	3.1



#58
Fluorene
Concen: 34.340 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF110246.D
Acq: 27 Oct 2018 7:49

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.6	117.8
167	12.8	10.8	16.2

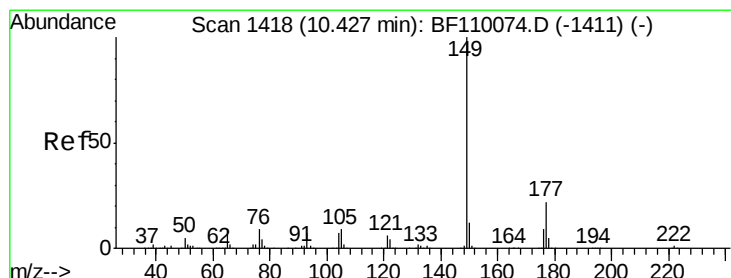
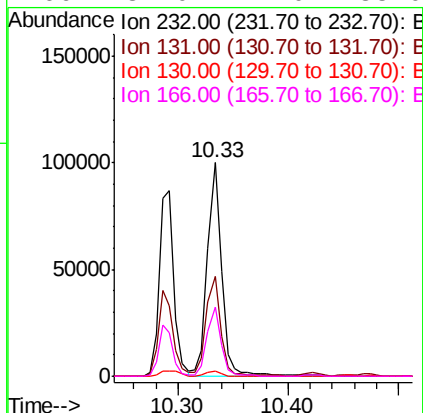
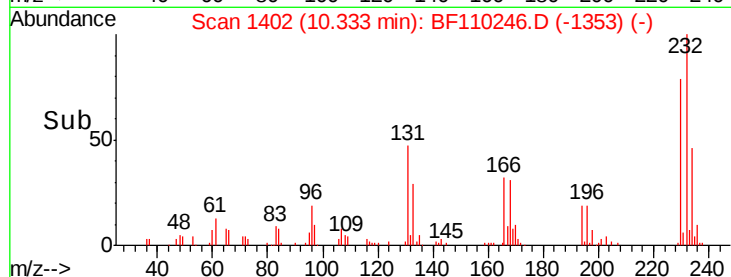
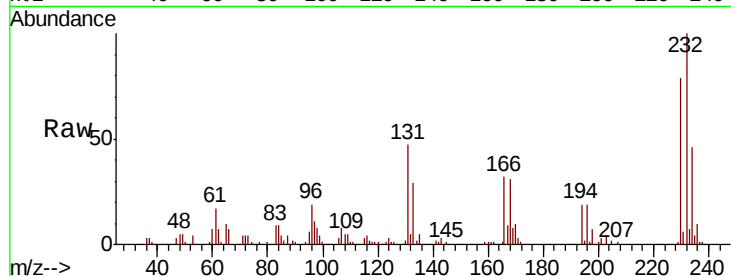




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 30.199 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF110246.D
 Acq: 27 Oct 2018 7:49

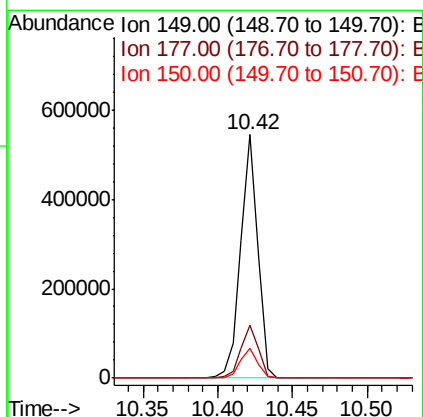
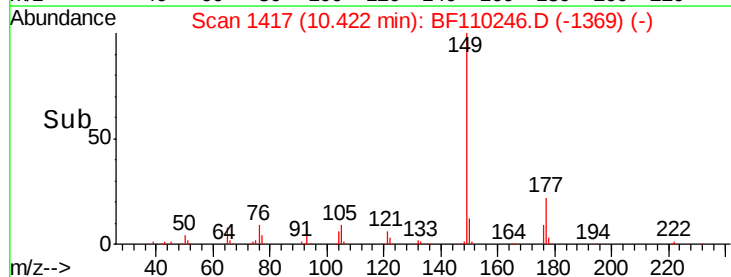
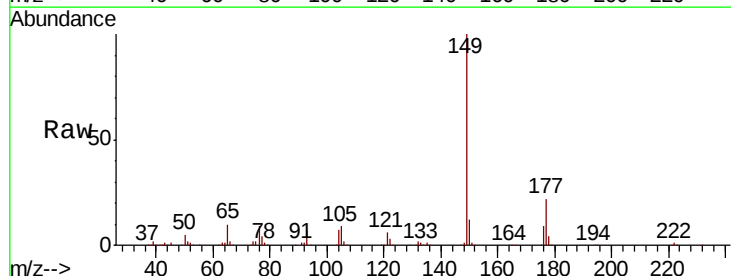
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.3	37.0	55.4
130	2.2	1.8	2.6
166	32.0	22.0	33.0



#60
 Diethylphthalate
 Concen: 36.171 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.02 min
 Lab File: BF110246.D
 Acq: 27 Oct 2018 7:49

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.4	26.2
150	12.2	9.8	14.8

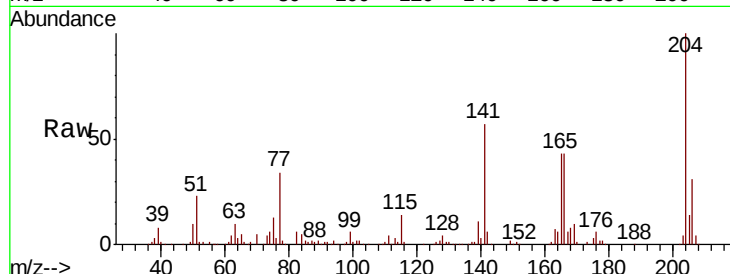




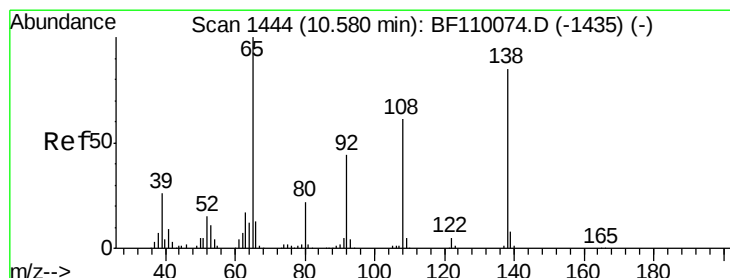
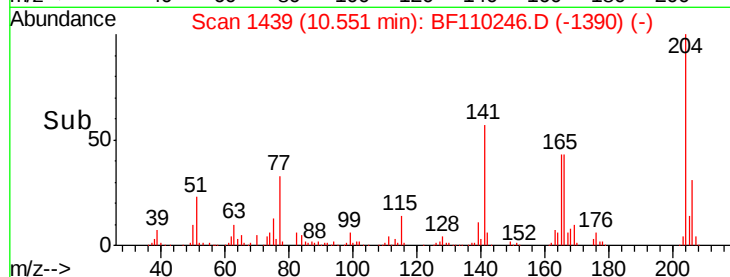
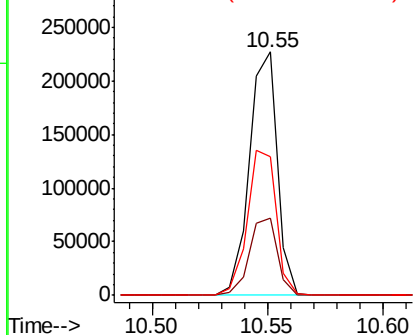
#61
4-Chlorophenyl-phenylether
Concen: 32.940 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF110246.D
Acq: 27 Oct 2018 7:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 193153
Ion Ratio Lower Upper
204 100
206 31.5 26.5 39.7
141 57.0 51.8 77.8

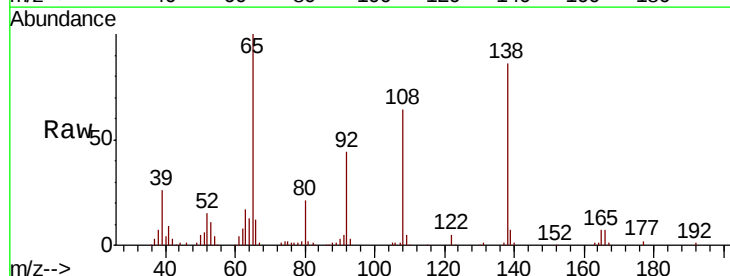


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

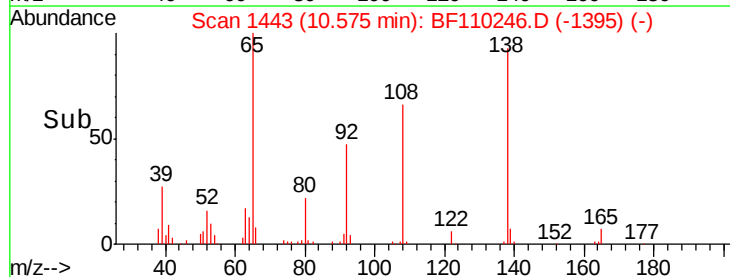
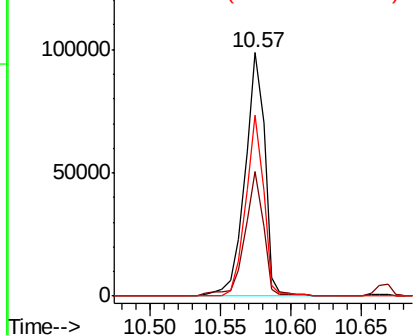


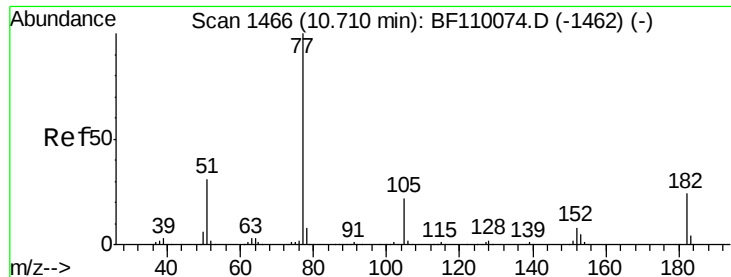
#62
4-Nitroaniline
Concen: 30.545 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.02 min
Lab File: BF110246.D
Acq: 27 Oct 2018 7:49

Tgt Ion:138 Resp: 96681
Ion Ratio Lower Upper
138 100
92 51.1 31.7 71.7
108 74.1 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: 31.904 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.02 min

Lab File: BF110246.D

Acq: 27 Oct 2018 7:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 384056

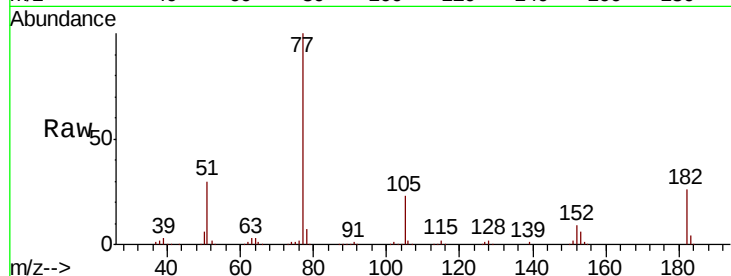
Ion Ratio Lower Upper

77 100

182 26.2 4.3 44.3

105 22.9 1.3 41.3

51 29.8 9.0 49.0

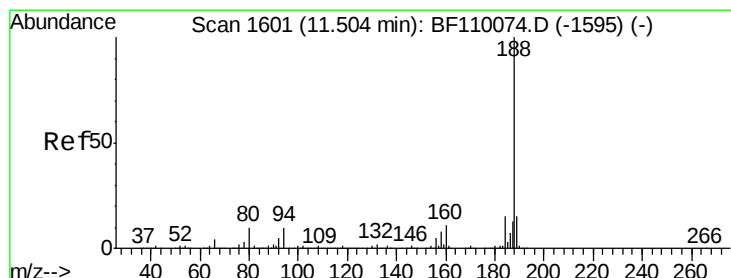
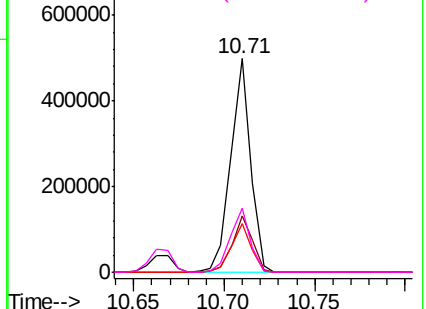
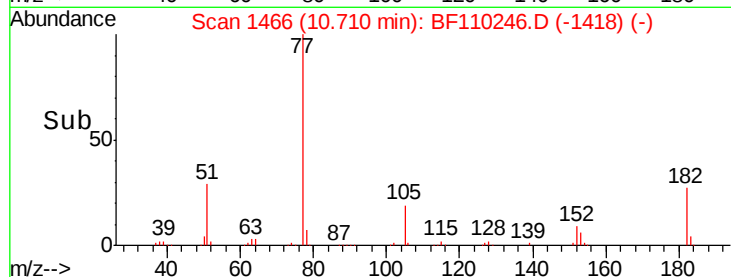


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BF110246.D

Acq: 27 Oct 2018 7:49

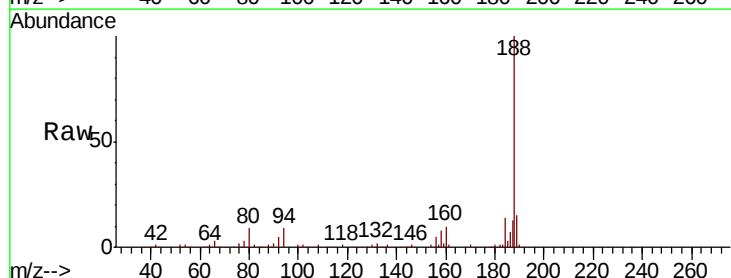
Tgt Ion: 188 Resp: 263443

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

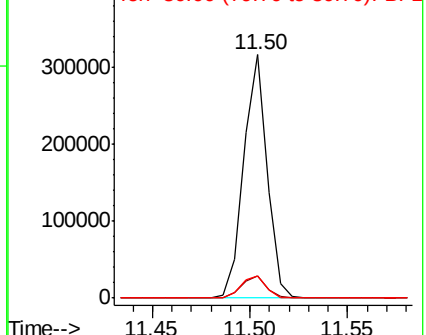
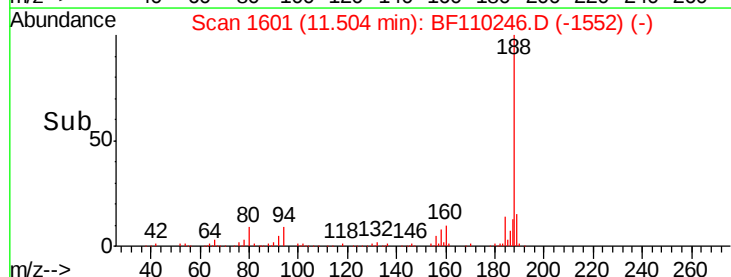
80 9.2 7.9 11.9

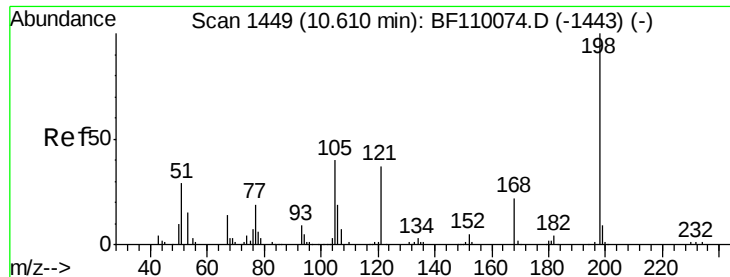


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 5.577 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.02 min

Lab File: BF110246.D

Acq: 27 Oct 2018 7:49

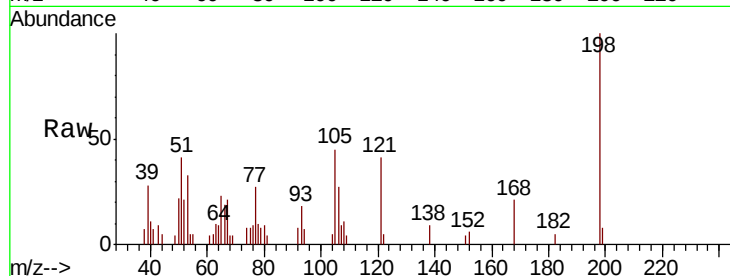
Instrument :

BNA_F

ClientSampleId :

Tot Ion:198 Resp: 6712

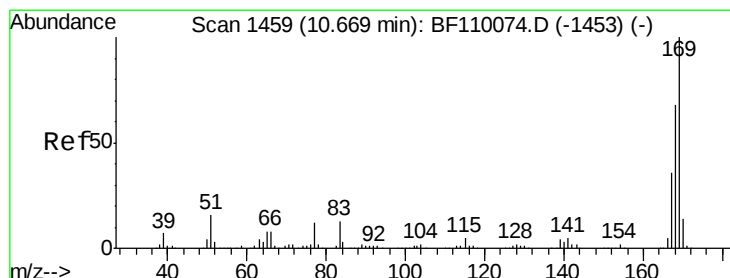
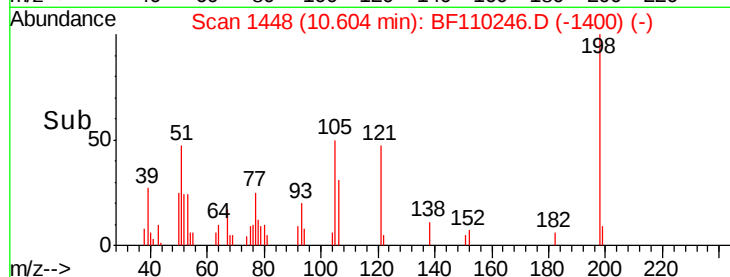
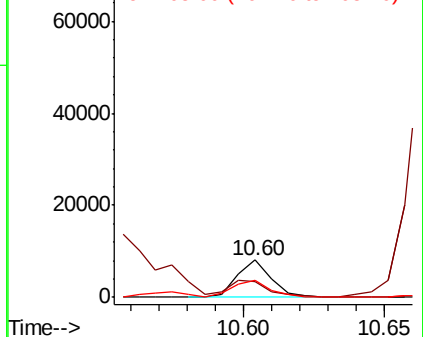
Ion	Ratio	Lower	Upper
198	100		
51	41.2	22.8	62.8
105	44.5	23.6	63.6



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: 39.716 ng

RT: 10.67 min Scan# 1459

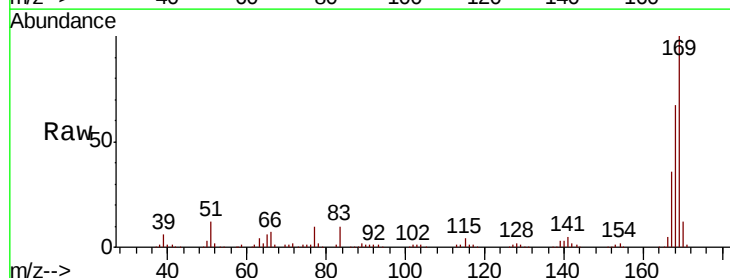
Delta R.T. -0.02 min

Lab File: BF110246.D

Acq: 27 Oct 2018 7:49

Tgt Ion:169 Resp: 343187

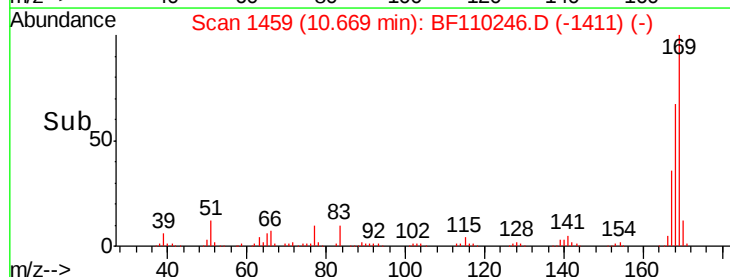
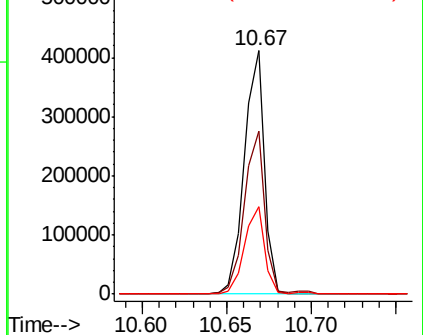
Ion	Ratio	Lower	Upper
169	100		
168	67.0	51.2	76.8
167	36.0	27.8	41.6



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

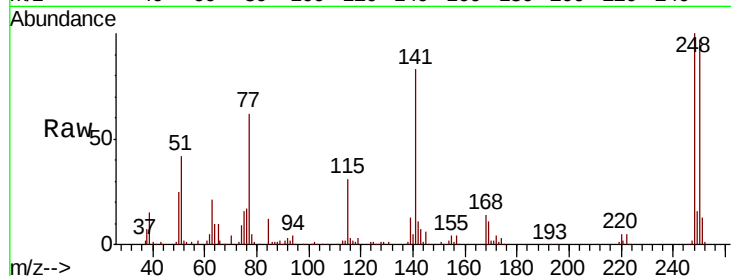




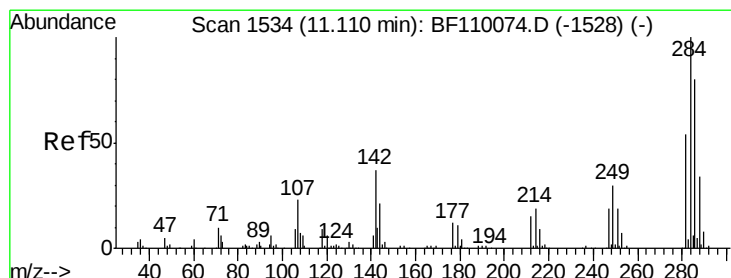
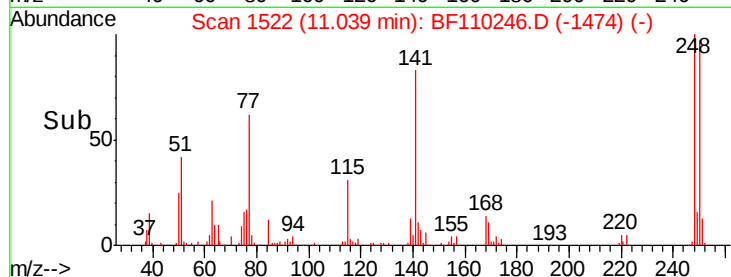
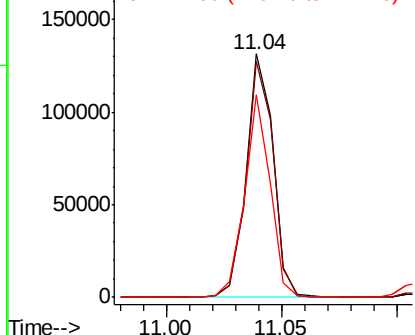
#67
4-Bromophenyl-phenylether
Concen: 37.561 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.02 min
Lab File: BF110246.D
Acq: 27 Oct 2018 7:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 107333
Ion Ratio Lower Upper
248 100
250 96.7 79.4 119.2
141 83.5 55.9 83.9

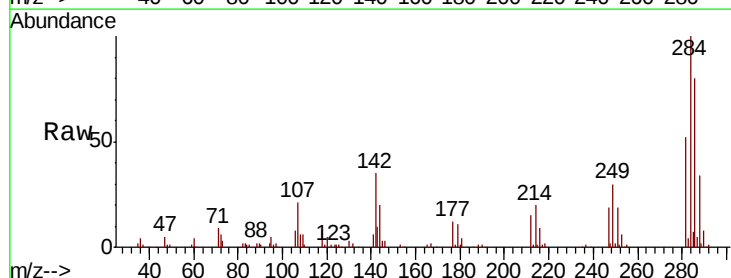


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

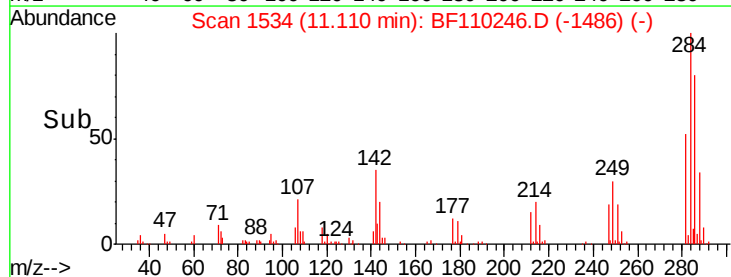
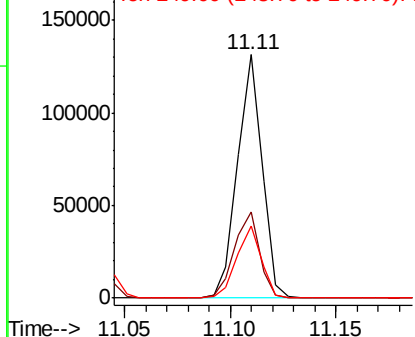


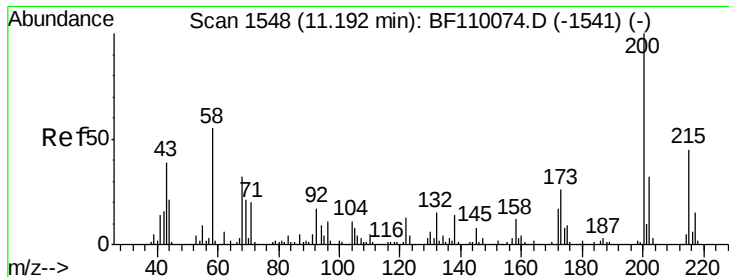
#68
Hexachlorobenzene
Concen: 34.799 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.02 min
Lab File: BF110246.D
Acq: 27 Oct 2018 7:49

Tgt Ion:284 Resp: 105510
Ion Ratio Lower Upper
284 100
142 35.5 23.9 35.9
249 29.6 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

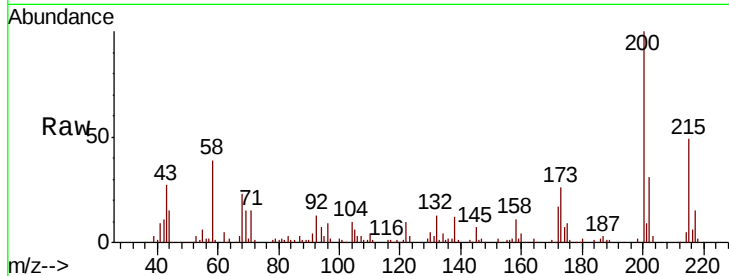




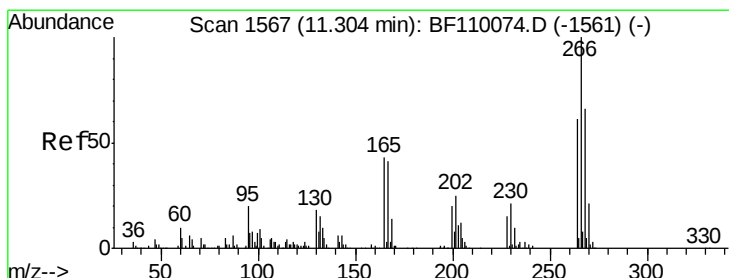
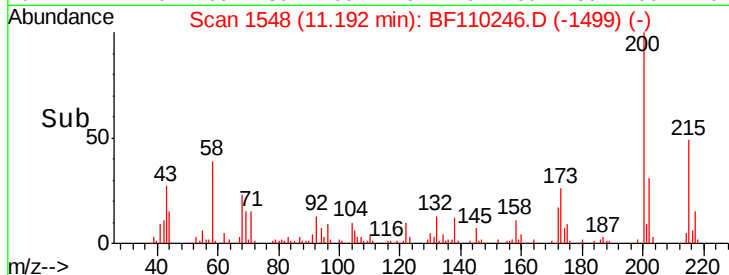
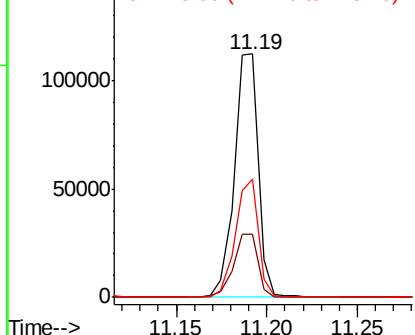
#69
 Atrazine
 Concen: 37.972 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.01 min
 Lab File: BF110246.D
 Acq: 27 Oct 2018 7:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.9	6.6	46.6
215	48.5	26.3	66.3

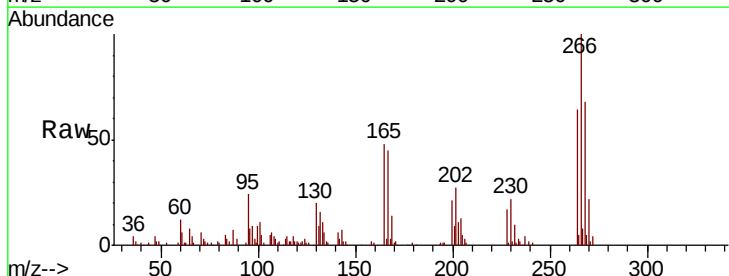


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

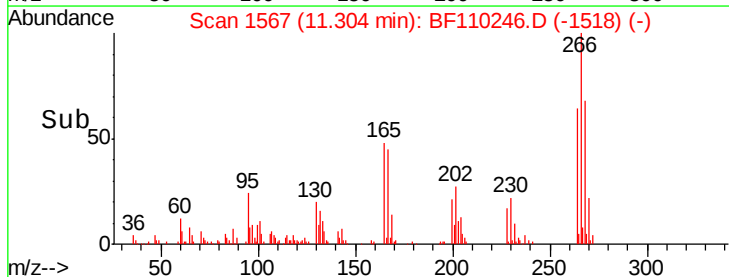
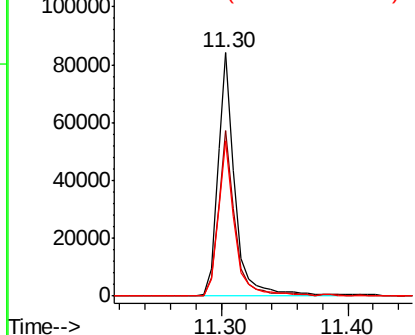


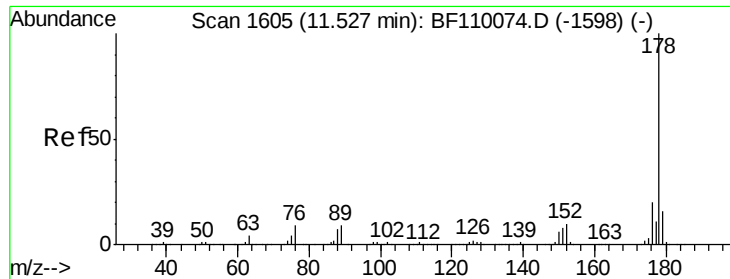
#70
 Pentachlorophenol
 Concen: 45.033 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BF110246.D
 Acq: 27 Oct 2018 7:49

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.0	50.6	75.8
264	63.7	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

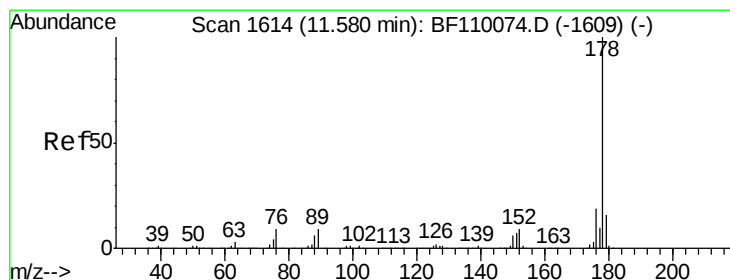
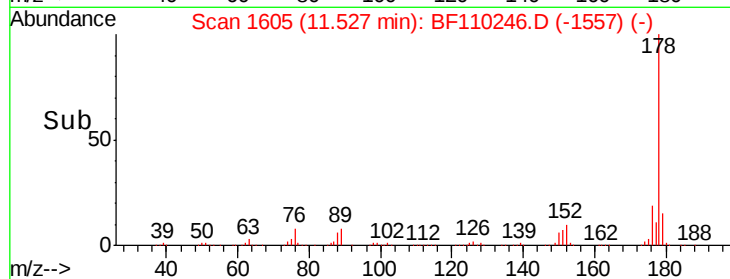
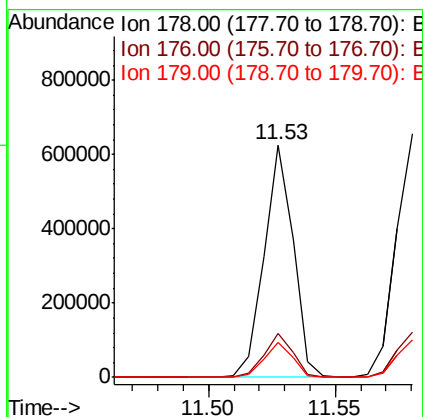
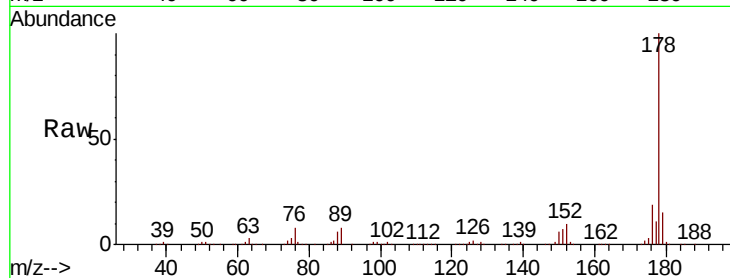




#71
Phenanthrene
Concen: 36.620 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.02 min
Lab File: BF110246.D
Acq: 27 Oct 2018 7:49

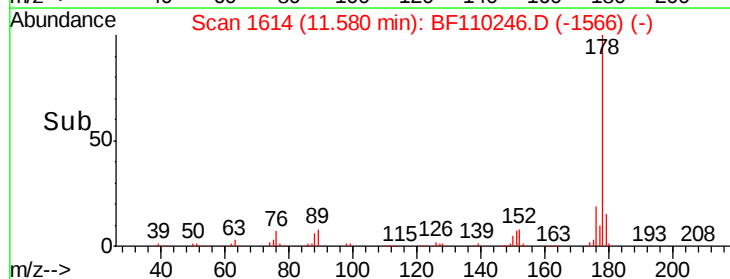
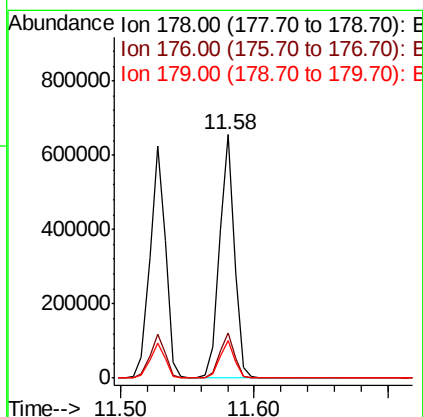
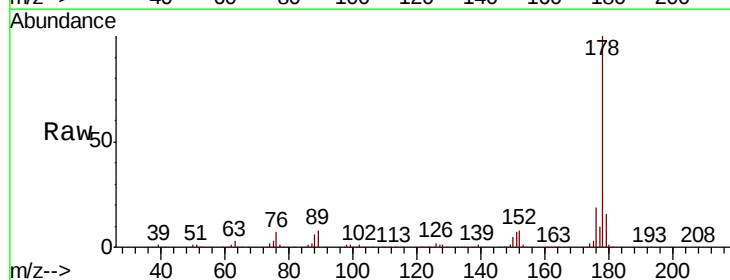
Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 504793
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 15.3 12.5 18.7



#72
Anthracene
Concen: 37.683 ng
RT: 11.58 min Scan# 1614
Delta R.T. -0.02 min
Lab File: BF110246.D
Acq: 27 Oct 2018 7:49

Tgt Ion:178 Resp: 520662
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 15.5 12.6 18.8

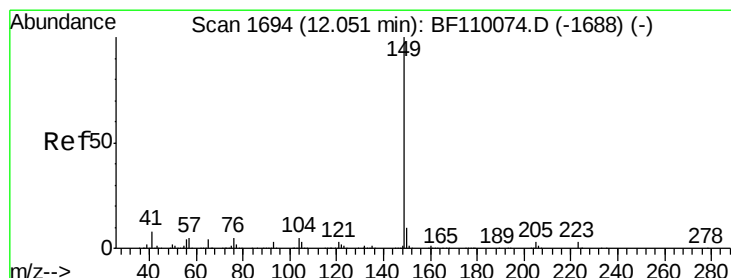
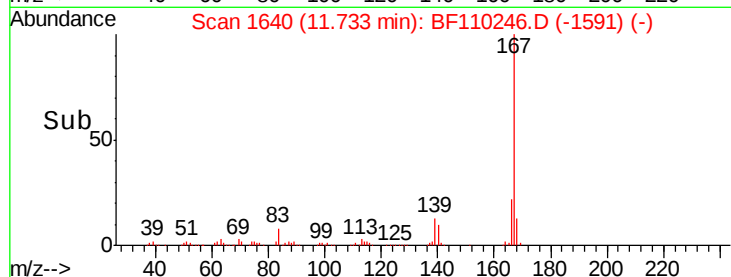
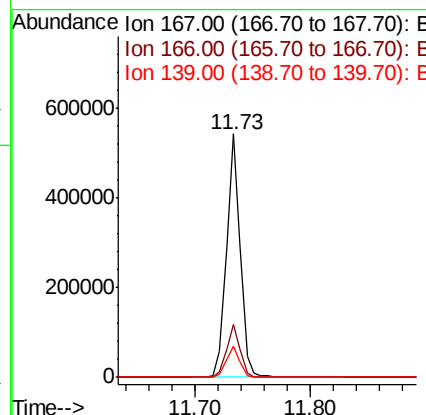
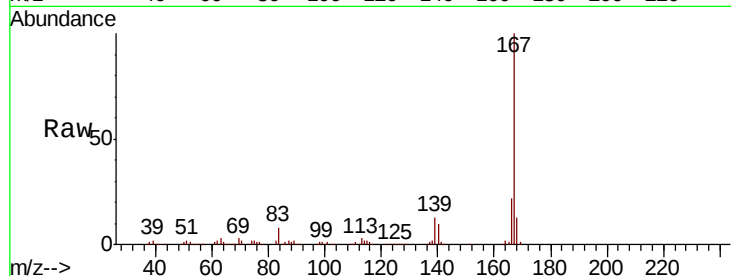




#73
 Carbazole
 Concen: 33.115 ng
 RT: 11.73 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BF110246.D
 Acq: 27 Oct 2018 7:49

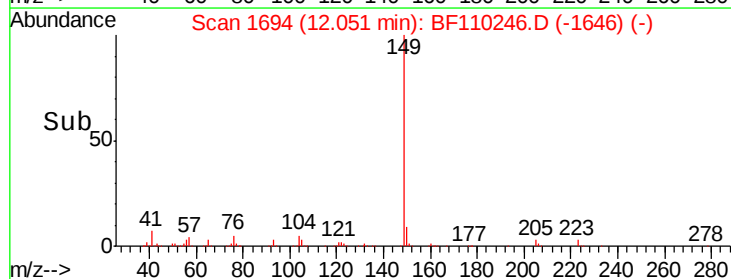
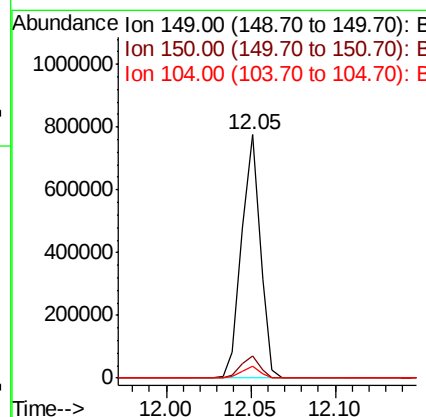
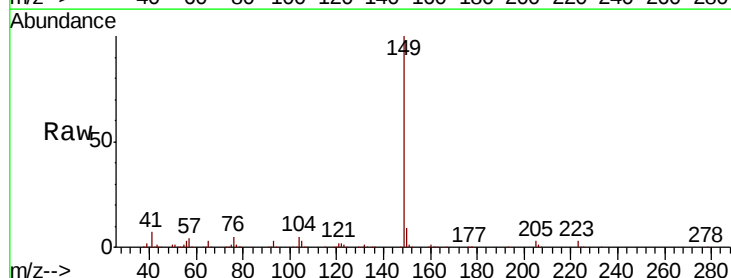
Instrument :
 BNA_F
 ClientSampleId :

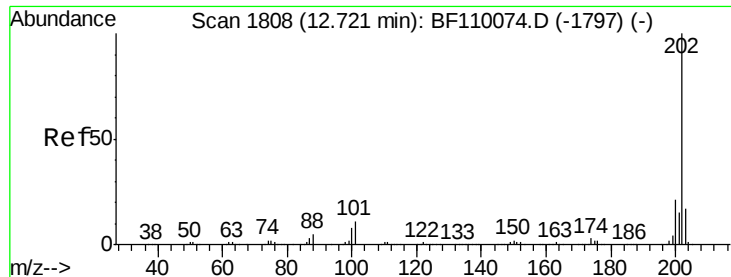
Tot Ion:167 Resp: 446743
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.0
 139 13.0 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 39.187 ng
 RT: 12.05 min Scan# 1694
 Delta R.T. -0.02 min
 Lab File: BF110246.D
 Acq: 27 Oct 2018 7:49

Tgt Ion:149 Resp: 597069
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.7 11.5
 104 4.7 4.2 6.4

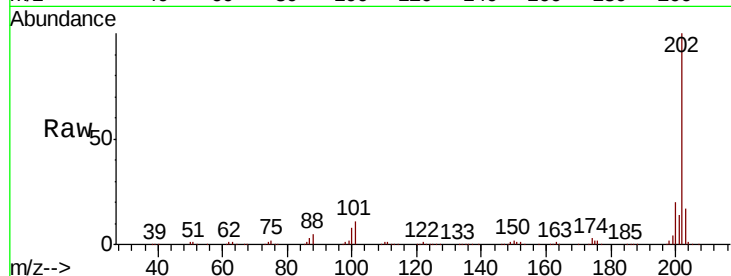




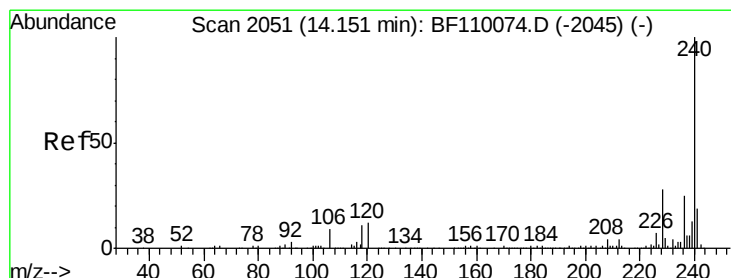
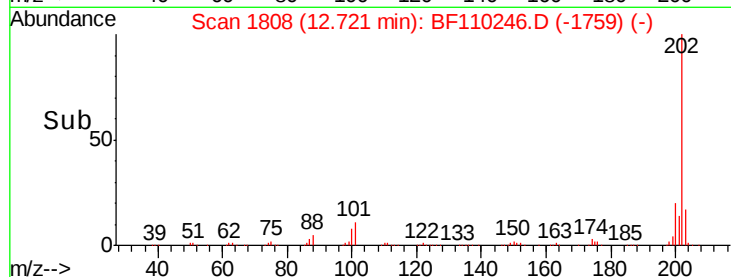
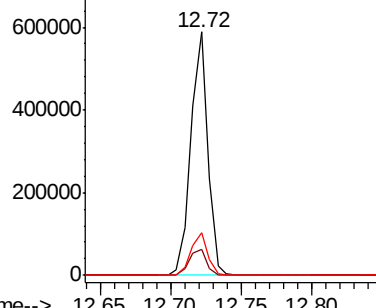
#75
Fluoranthene
Concen: 35.142 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF110246.D
Acq: 27 Oct 2018 7:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	31.4
203	17.3	0.0	37.7

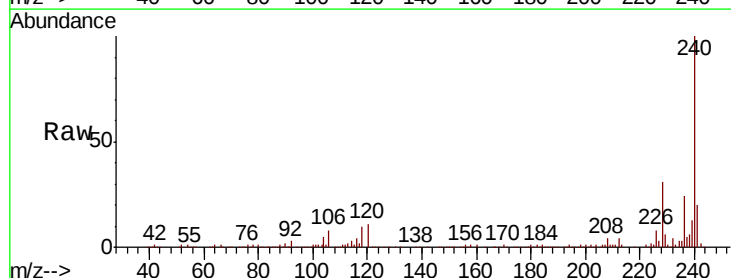


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

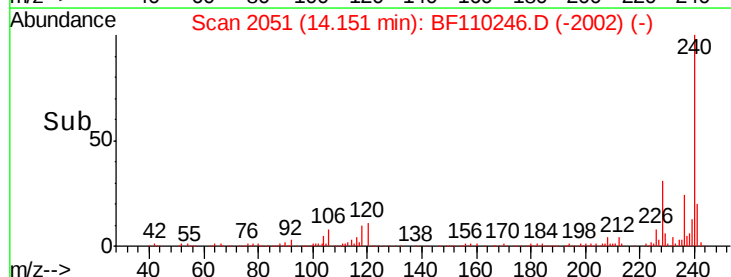
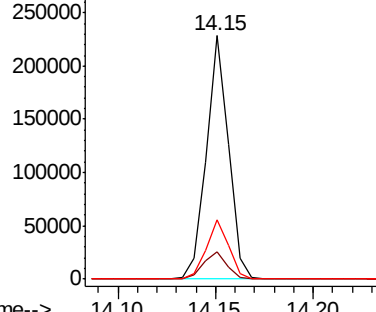


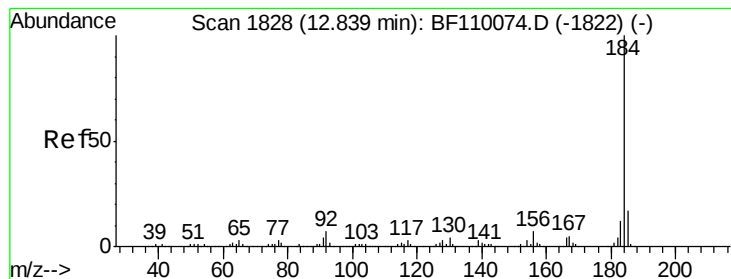
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110246.D
Acq: 27 Oct 2018 7:49

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.3	12.5
236	24.2	21.2	31.8



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





#77

Benzidine

Concen: 40.577 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF110246.D

Acq: 27 Oct 2018 7:49

Instrument :

BNA_F

ClientSampleId :

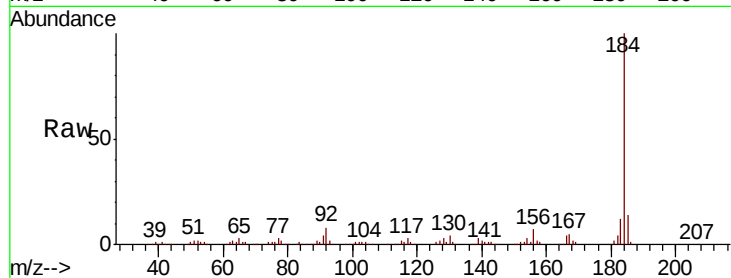
Tot Ion:184 Resp: 215450

Ion Ratio Lower Upper

184 100

185 14.2 13.4 20.2

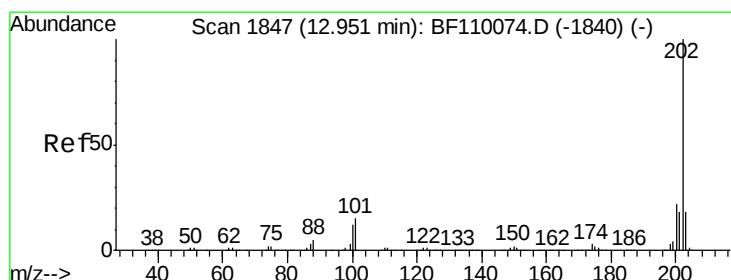
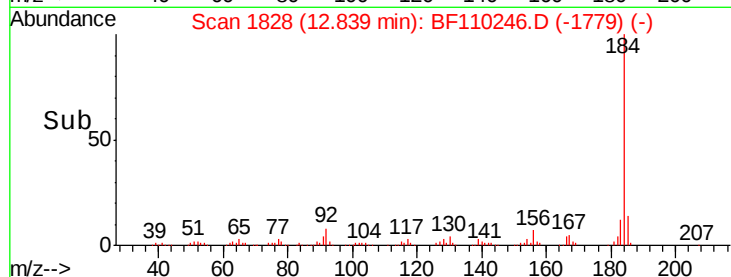
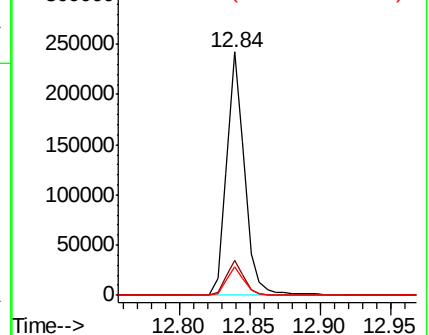
183 11.6 9.4 14.2



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: 37.870 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.02 min

Lab File: BF110246.D

Acq: 27 Oct 2018 7:49

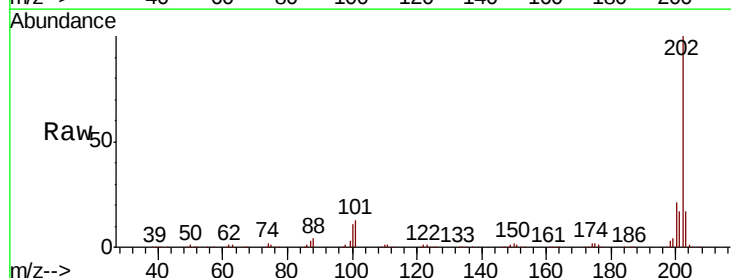
Tgt Ion:202 Resp: 488228

Ion Ratio Lower Upper

202 100

200 20.8 17.8 26.6

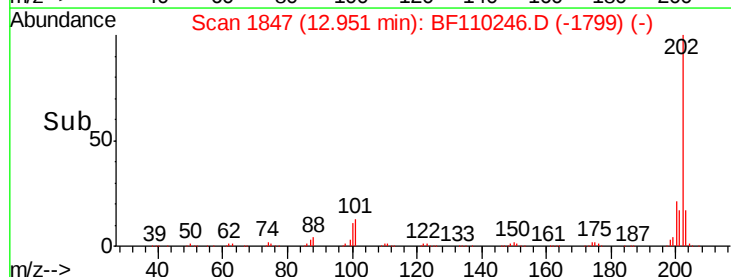
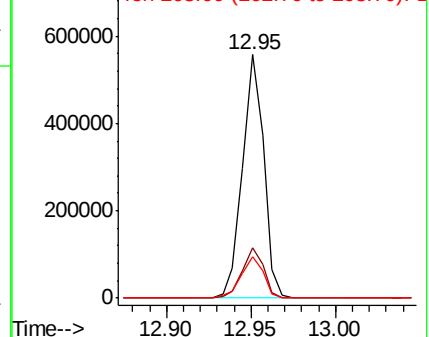
203 16.8 14.2 21.4



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

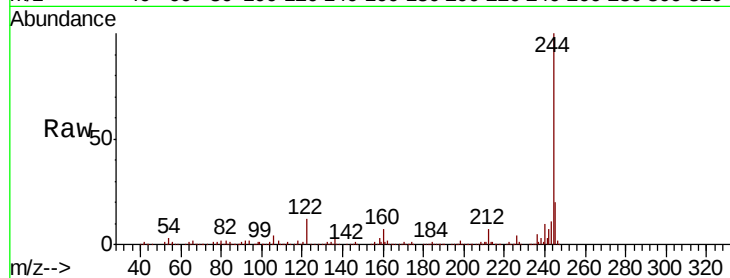




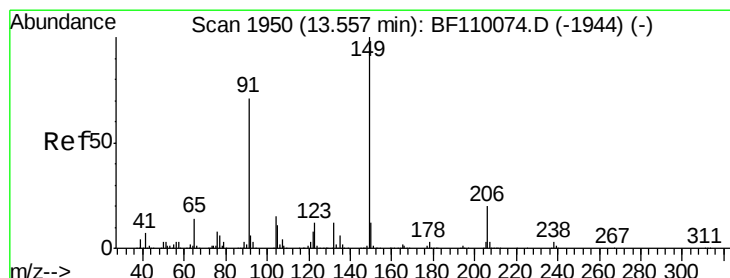
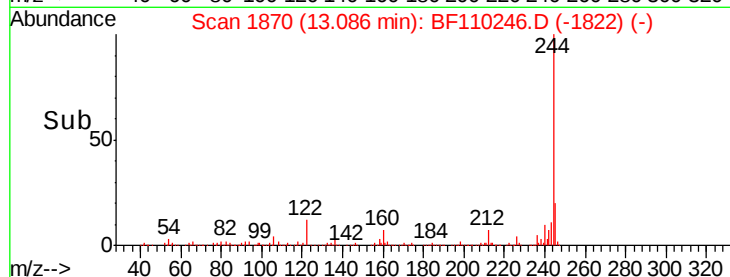
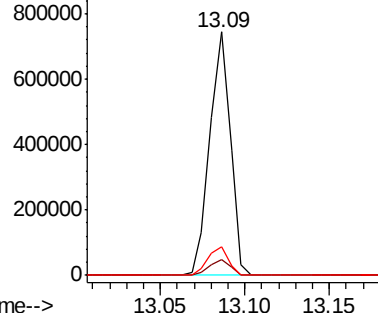
#79
 Terphenyl-d14
 Concen: 73.191 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.02 min
 Lab File: BF110246.D
 Acq: 27 Oct 2018 7:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 632878
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.8
 122 11.5 8.7 13.1

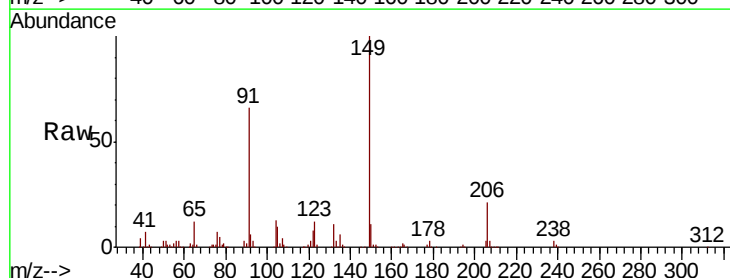


Abundance Ion 244.00 (243.70 to 244.70): E
 1000000 Ion 212.00 (211.70 to 212.70): E
 800000 Ion 122.00 (121.70 to 122.70): E

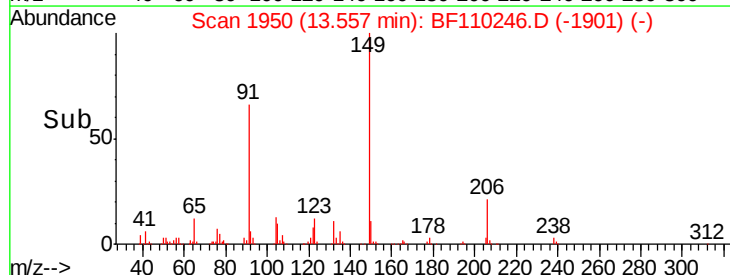
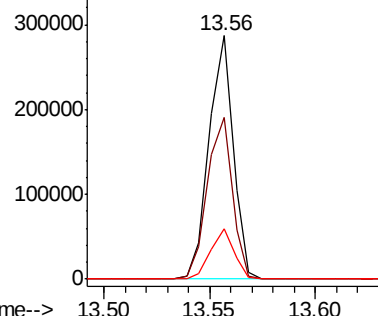


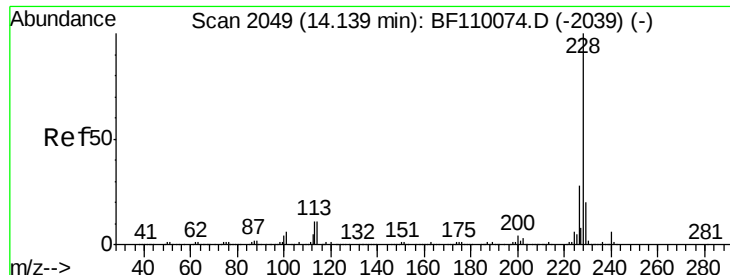
#80
 Butylbenzylphthalate
 Concen: 40.555 ng
 RT: 13.56 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BF110246.D
 Acq: 27 Oct 2018 7:49

Tgt Ion:149 Resp: 226941
 Ion Ratio Lower Upper
 149 100
 91 66.2 57.2 85.8
 206 20.7 15.7 23.5



Abundance Ion 149.00 (148.70 to 149.70): E
 400000 Ion 91.00 (90.70 to 91.70): BF1
 300000 Ion 206.00 (205.70 to 206.70): E

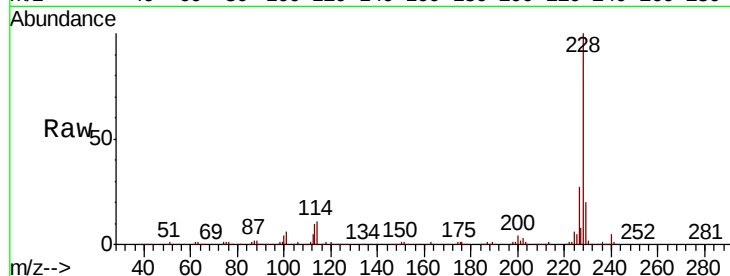




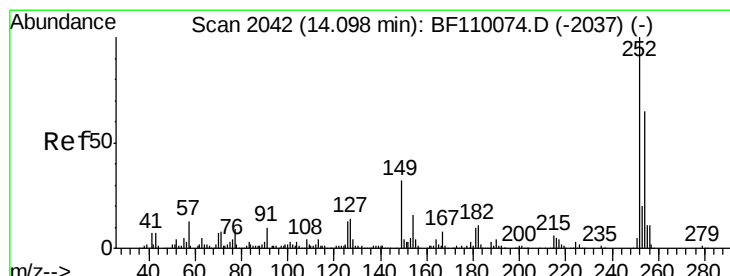
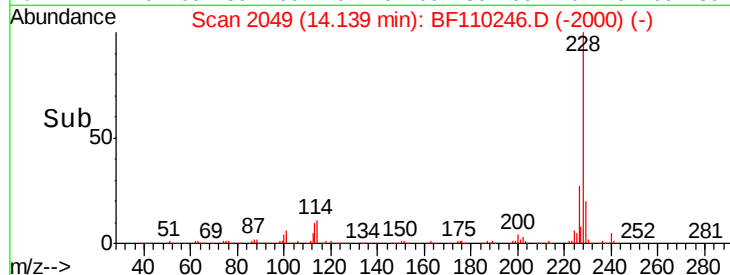
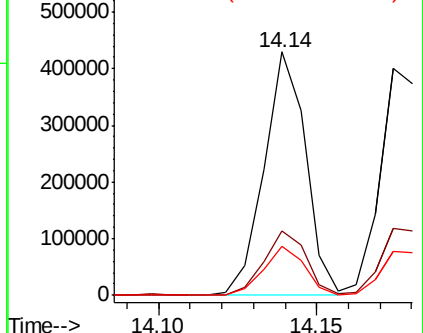
#81
Benzo(a)anthracene
Concen: 36.846 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF110246.D
Acq: 27 Oct 2018 7:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 392935
Ion Ratio Lower Upper
228 100
226 26.6 22.1 33.1
229 20.0 15.6 23.4

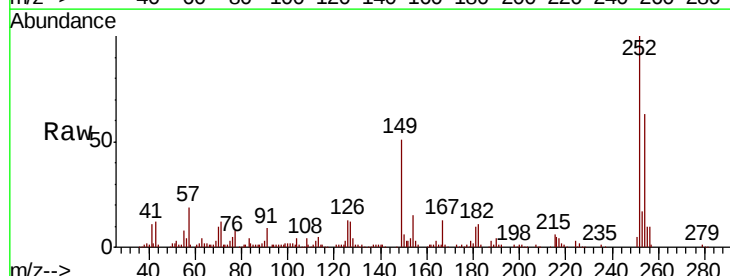


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

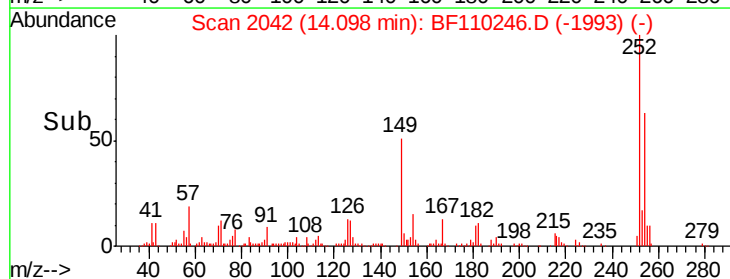
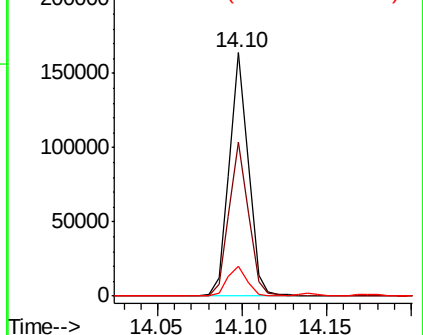


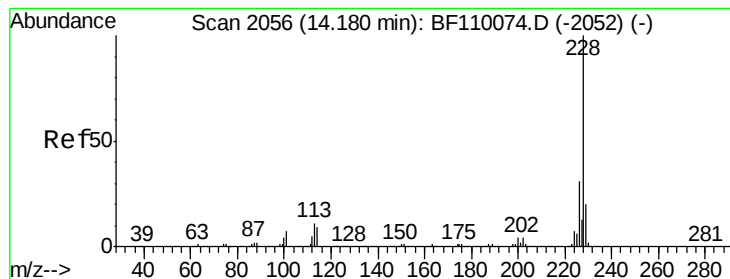
#82
3,3'-Dichlorobenzidine
Concen: 34.836 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BF110246.D
Acq: 27 Oct 2018 7:49

Tgt Ion:252 Resp: 129365
Ion Ratio Lower Upper
252 100
254 63.2 51.3 76.9
126 12.5 9.4 14.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 36.140 ng

RT: 14.17 min Scan# 2055

Delta R.T. -0.02 min

Lab File: BF110246.D

Acq: 27 Oct 2018 7:49

Instrument :

BNA_F

ClientSampled :

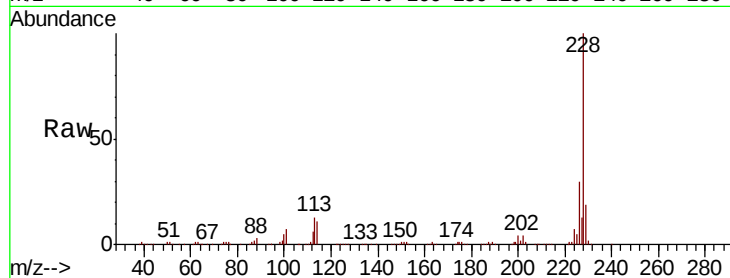
Tot Ion:228 Resp: 366062

Ion Ratio Lower Upper

228 100

226 29.6 24.7 37.1

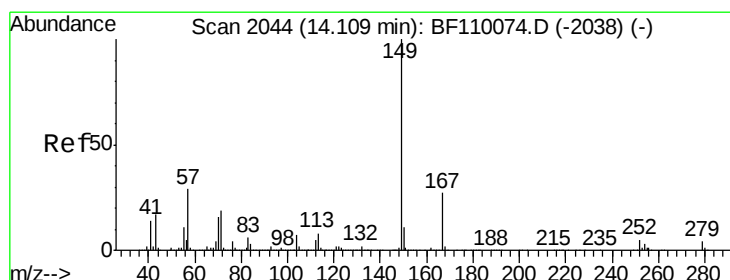
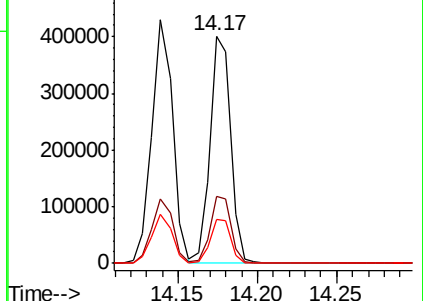
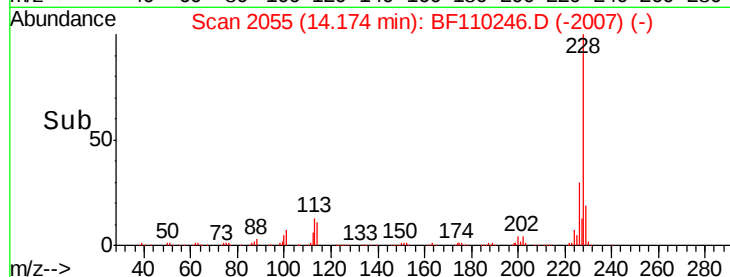
229 19.1 15.9 23.9



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: 41.918 ng

RT: 14.11 min Scan# 2044

Delta R.T. -0.02 min

Lab File: BF110246.D

Acq: 27 Oct 2018 7:49

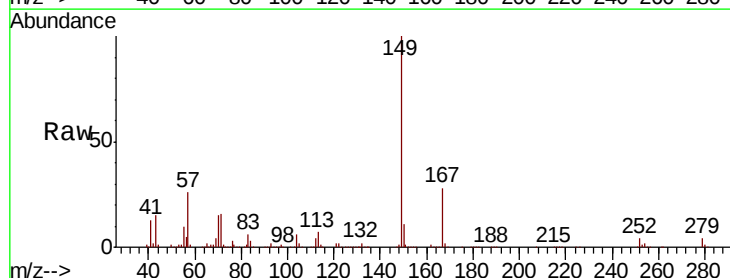
Tgt Ion:149 Resp: 317081

Ion Ratio Lower Upper

149 100

167 27.9 19.8 29.8

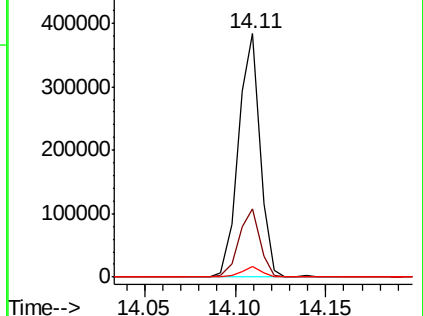
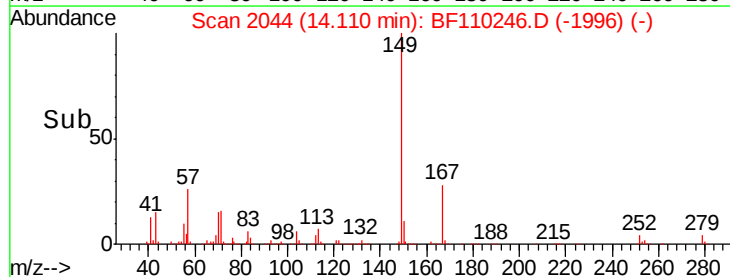
279 4.2 2.7 4.1#

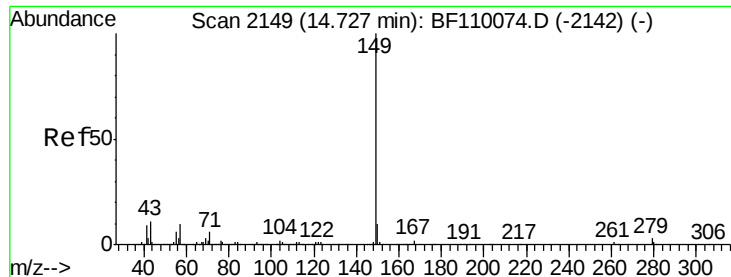


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

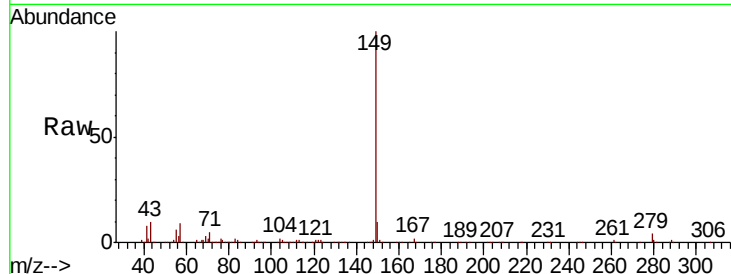




#85
Di-n-octyl phthalate
Concen: 42.140 ng
RT: 14.73 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BF110246.D
Acq: 27 Oct 2018 7:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	10.0	7.8	11.8

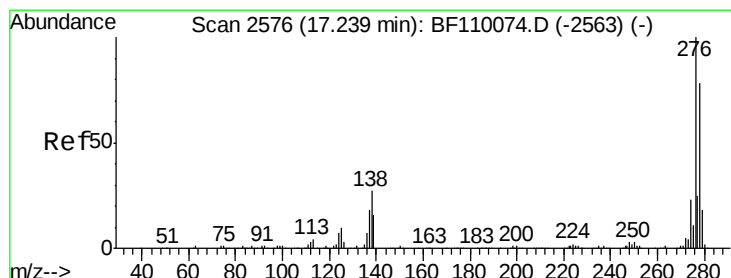
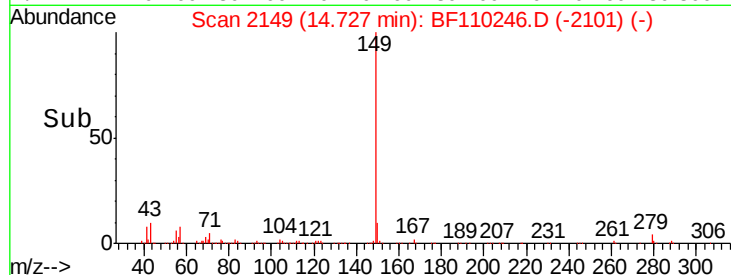
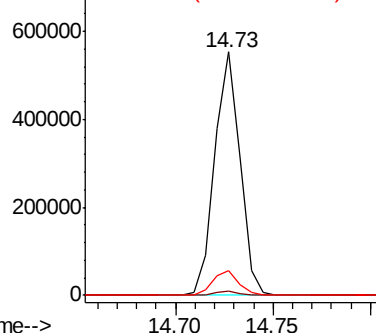


Abundance

Ion 149.00 (148.70 to 149.70): E

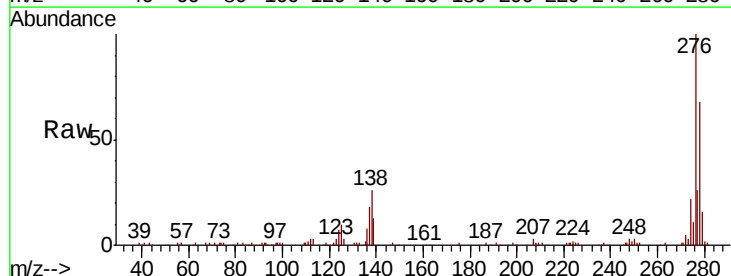
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 29.898 ng
RT: 17.24 min Scan# 2577
Delta R.T. -0.02 min
Lab File: BF110246.D
Acq: 27 Oct 2018 7:49

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.4	18.5	27.7
277	25.6	20.0	30.0

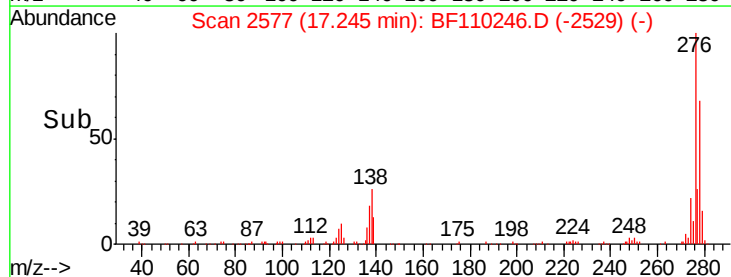
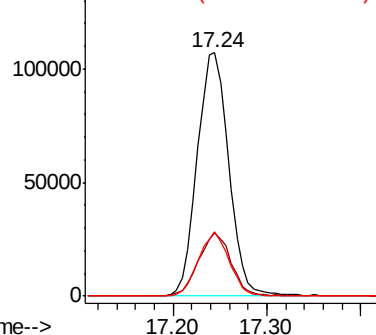


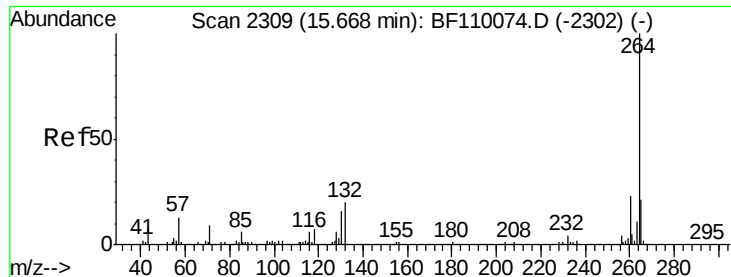
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2310

Delta R.T. -0.02 min

Lab File: BF110246.D

Acq: 27 Oct 2018 7:49

Instrument :

BNA_F

ClientSampleId :

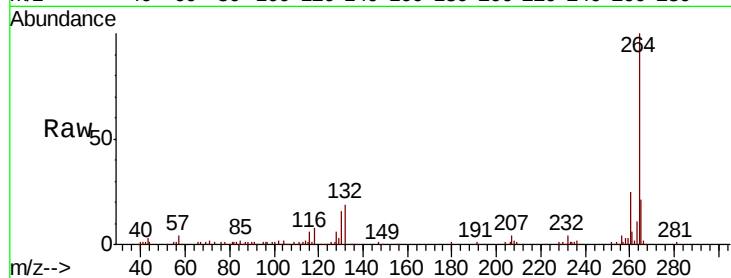
Tot Ion:264 Resp: 122371

Ion Ratio Lower Upper

264 100

260 24.8 18.7 28.1

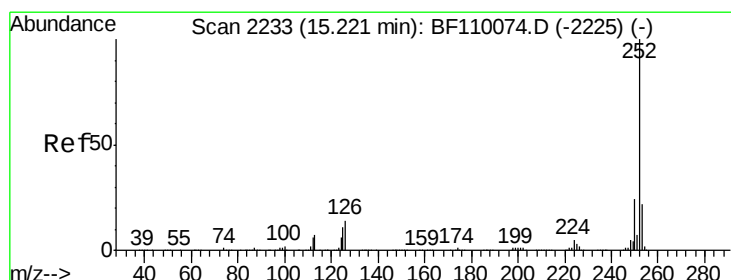
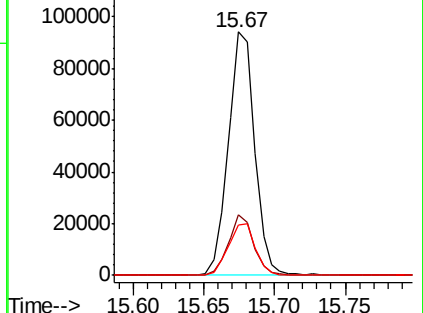
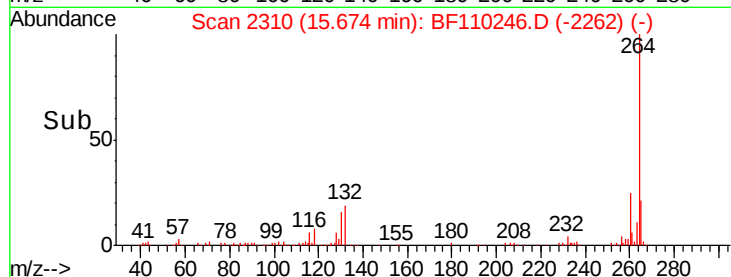
265 20.8 16.7 25.1



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: 40.250 ng

RT: 15.22 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BF110246.D

Acq: 27 Oct 2018 7:49

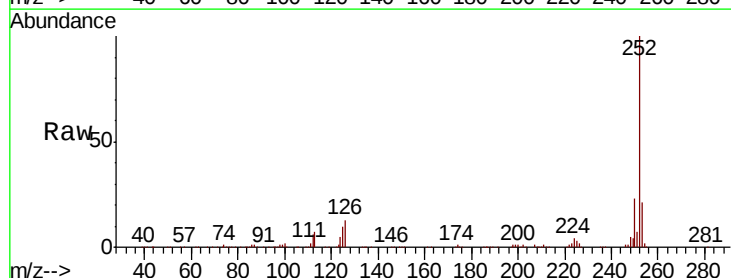
Tgt Ion:252 Resp: 284426

Ion Ratio Lower Upper

252 100

253 21.3 17.2 25.8

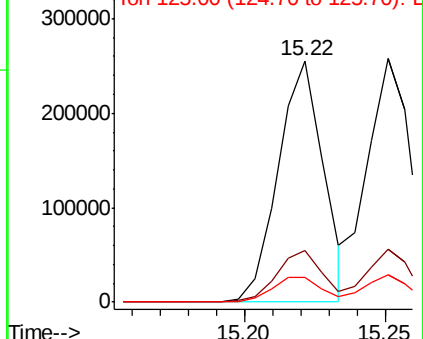
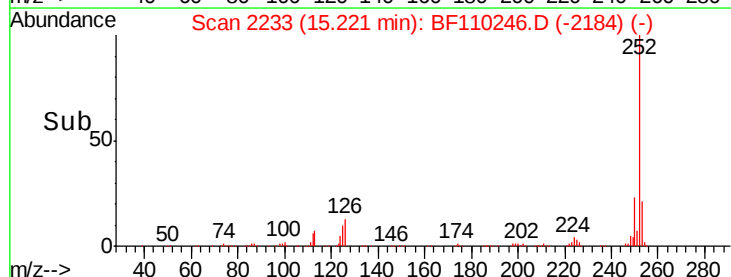
125 10.3 8.2 12.4

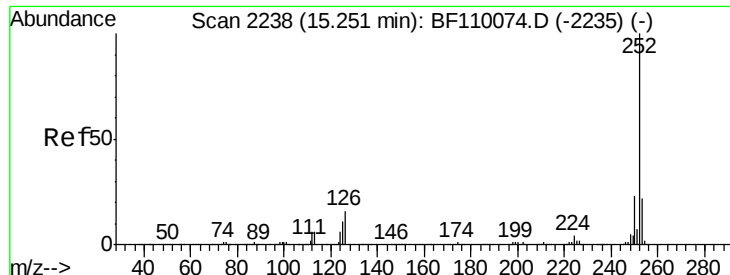


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 40.509 ng

RT: 15.25 min Scan# 2238

Delta R.T. -0.02 min

Lab File: BF110246.D

Acq: 27 Oct 2018 7:49

Instrument :

BNA_F

ClientSampleId :

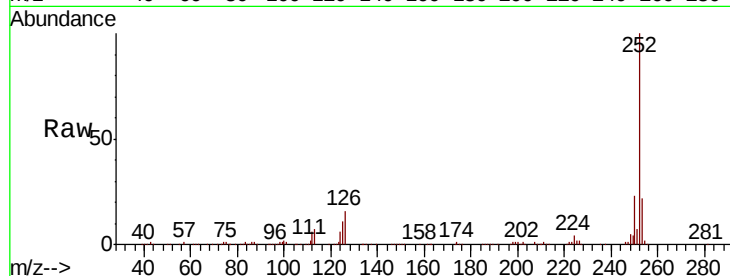
Tot Ion:252 Resp: 281417

Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

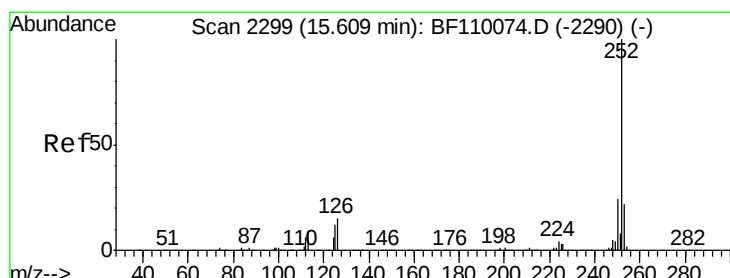
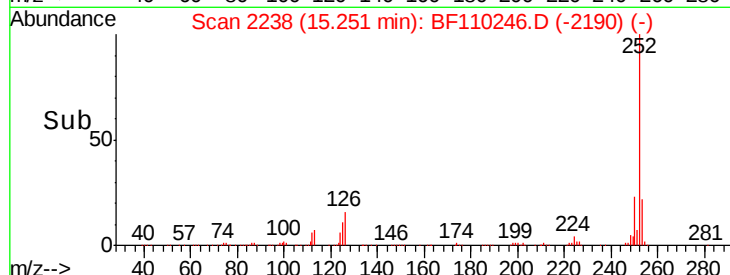
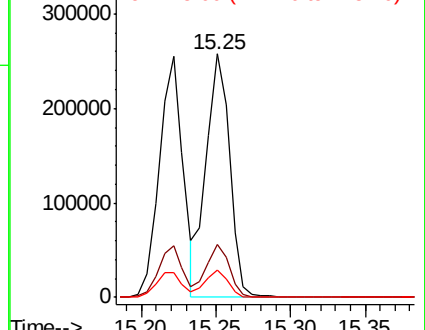
125 11.0 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 38.469 ng

RT: 15.61 min Scan# 2299

Delta R.T. -0.02 min

Lab File: BF110246.D

Acq: 27 Oct 2018 7:49

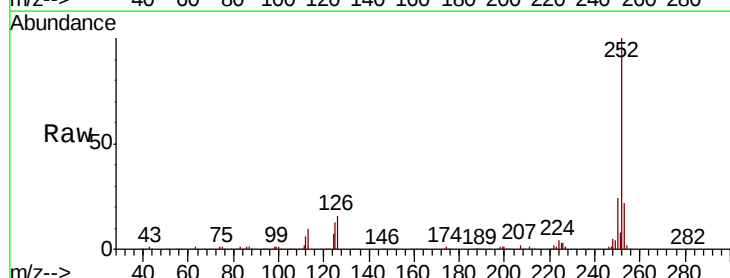
Tgt Ion:252 Resp: 250138

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.4

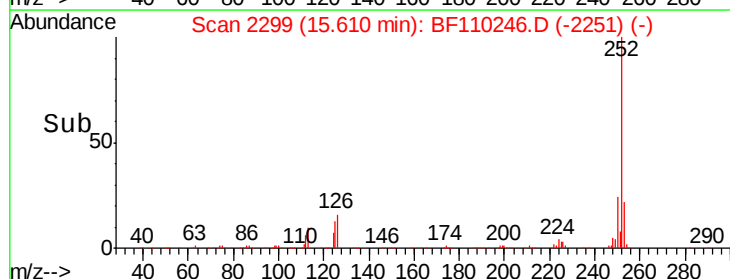
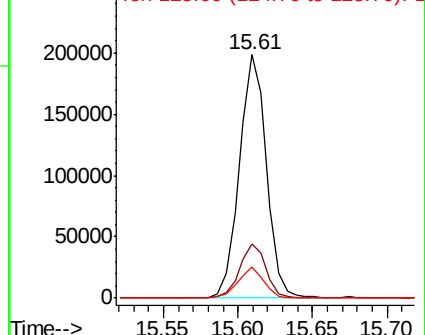
125 13.0 9.0 13.6

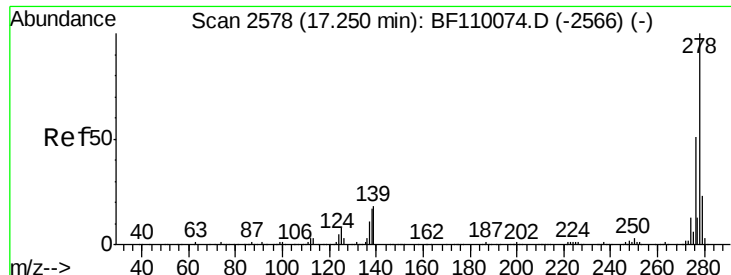


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

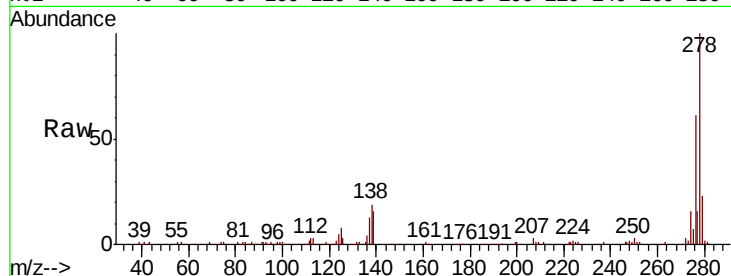




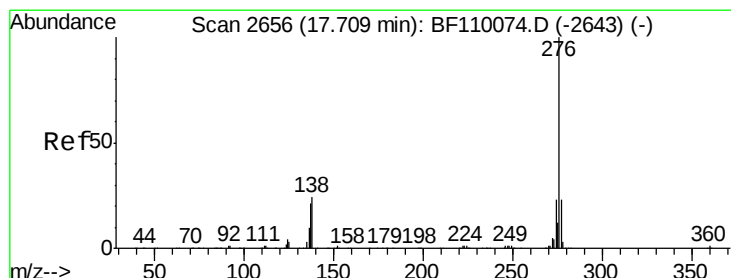
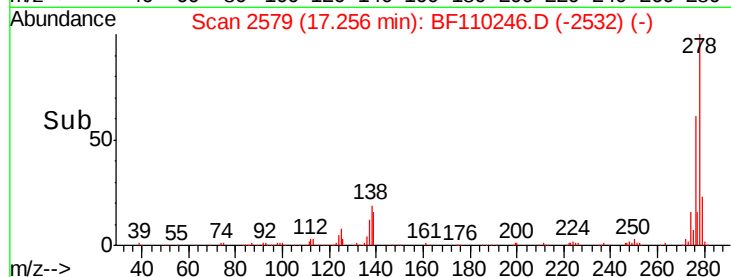
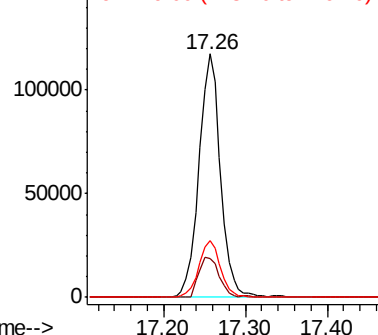
#91
Dibenzo(a,h)anthracene
Concen: 38.425 ng
RT: 17.26 min Scan# 2579
Delta R.T. -0.02 min
Lab File: BF110246.D
Acq: 27 Oct 2018 7:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.2	12.7	19.1
279	23.2	19.0	28.4

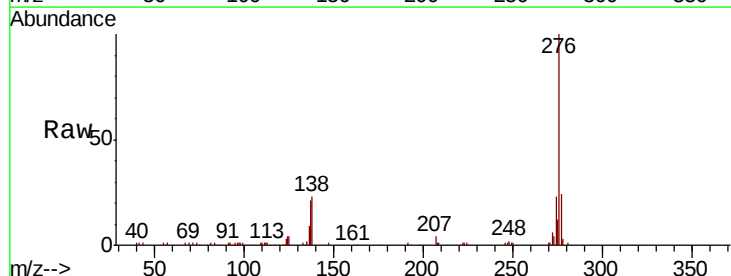


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 36.659 ng
RT: 17.72 min Scan# 2658
Delta R.T. -0.02 min
Lab File: BF110246.D
Acq: 27 Oct 2018 7:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.8	28.2
138	23.4	16.0	24.0



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

