

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102318\
 Data File : BF110085.D
 Acq On : 23 Oct 2018 18:47
 Operator : JU/SJ
 Sample : J5164-01
 Misc : LOD 8PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 24 02:53:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	180969	20.00	ng	-0.02
21) Naphthalene-d8	8.25	136	771390	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	378051	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	727030	20.00	ng	-0.02
76) Chrysene-d12	14.14	240	602238	20.00	ng	-0.02
87) Perylene-d12	15.67	264	526967	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	1394946	125.52	ng	-0.01
7) Phenol-d6	6.59	99	1773470	124.77	ng	-0.01
23) Nitrobenzene-d5	7.53	82	1082374	83.23	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	466443	124.56	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1927546	80.06	ng	-0.01
79) Terphenyl-d14	13.09	244	2032712	70.20	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.83	88	38728	6.652	ng	93
3) Pyridine	3.66	79	101608	7.835	ng	88
4) n-Nitrosodimethylamine	3.55	42	44974	8.278	ng	# 99
6) Aniline	6.63	93	143483	7.749	ng	# 51
8) 2-Chlorophenol	6.75	128	103962	8.114	ng	98
9) Benzaldehyde	6.52	77	68024	6.070	ng	97
10) Phenol	6.60	94	123137	8.104	ng	# 67
11) bis(2-Chloroethyl)ether	6.70	93	102092	8.167	ng	94
12) 1,3-Dichlorobenzene	6.90	146	115669	8.204	ng	98
13) 1,4-Dichlorobenzene	6.98	146	114111	8.002	ng	99
14) 1,2-Dichlorobenzene	7.13	146	106696	8.060	ng	99
15) Benzyl Alcohol	7.10	79	100828	9.223	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	7.23	45	164921	8.252	ng	67
17) 2-Methylphenol	7.20	107	84532	8.279	ng	# 82
18) Hexachloroethane	7.47	117	42211	8.085	ng	90
19) n-Nitroso-di-n-propylamine	7.36	70	73439	8.053	ng	91
20) 3+4-Methylphenols	7.36	107	112163	8.498	ng	96
22) Acetophenone	7.37	105	151154	8.504	ng	99
24) Nitrobenzene	7.55	77	111374	8.295	ng	94
25) Isophorone	7.77	82	200935	9.064	ng	98
26) 2-Nitrophenol	7.86	139	48631	7.611	ng	95
27) 2,4-Dimethylphenol	7.89	122	90492	8.542	ng	98
28) bis(2-Chloroethoxy)methane	7.99	93	127007	8.433	ng	99
29) 2,4-Dichlorophenol	8.10	162	86349	8.068	ng	98
30) 1,2,4-Trichlorobenzene	8.19	180	97009	8.092	ng	92
31) Naphthalene	8.27	128	320555	9.016	ng	99
32) Benzoic acid	7.96	122	41223	5.035	ng	89
33) 4-Chloroaniline	8.32	127	111650	6.978	ng	98
34) Hexachlorobutadiene	8.38	225	52341	7.863	ng	97
35) Caprolactam	8.66	113	27513	7.376	ng	# 88
36) 4-Chloro-3-methylphenol	8.78	107	93741	8.100	ng	97
37) 2-Methylnaphthalene	8.96	142	221154	9.402	ng	98
38) 1-Methylnaphthalene	9.06	142	205760	9.052	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	90652	7.696	ng	99

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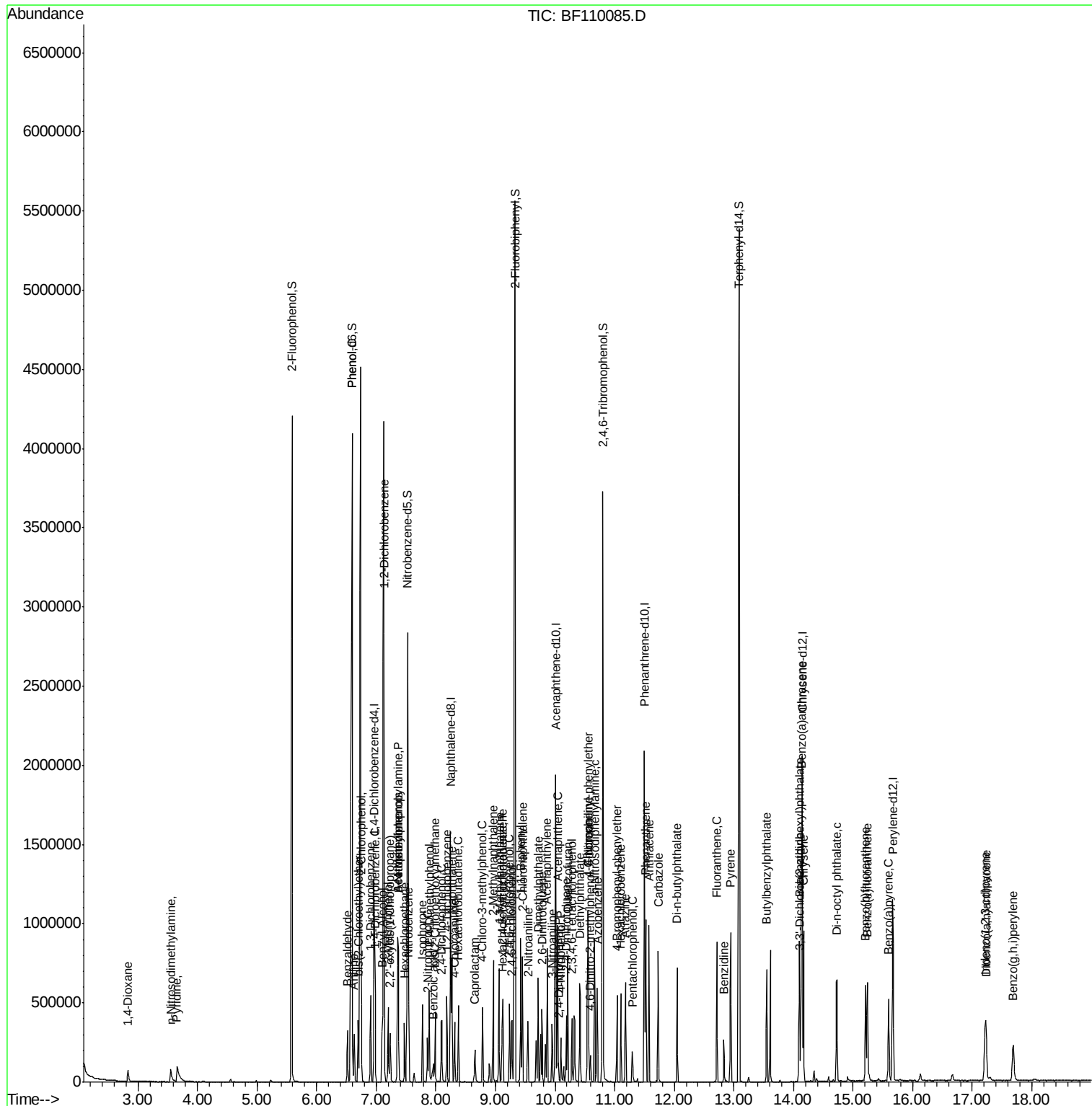
Instrument :
 BNA_F
 ClientSampleId :

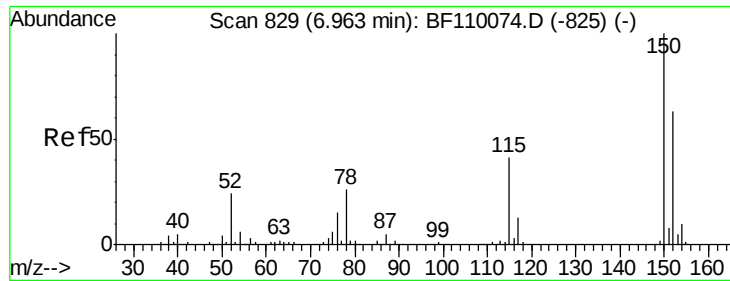
Quant Time: Oct 24 02:53:15 2018
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.11	237	47227	7.841	ng	97
43) 2,4,6-Trichlorophenol	9.23	196	57742	7.600	ng	94
44) 2,4,5-Trichlorophenol	9.27	196	63888	7.955	ng	95
46) 1,1'-Biphenyl	9.42	154	269372	7.879	ng	98
47) 2-Chloronaphthalene	9.45	162	205190	8.182	ng	99
48) 2-Nitroaniline	9.55	65	59838	7.874	ng	# 85
49) Acenaphthylene	9.87	152	320921	8.860	ng	99
50) Dimethylphthalate	9.72	163	235930	8.454	ng	99
51) 2,6-Dinitrotoluene	9.78	165	51199	8.517	ng	95
52) Acenaphthene	10.04	154	203507	8.493	ng	98
53) 3-Nitroaniline	9.95	138	50095	7.008	ng	90
54) 2,4-Dinitrophenol	10.06	184	13315	10.395	ng	94
55) Dibenzofuran	10.21	168	285042	8.497	ng	97
56) 4-Nitrophenol	10.10	139	42696	8.070	ng	92
57) 2,4-Dinitrotoluene	10.19	165	65429	8.569	ng	# 84
58) Fluorene	10.56	166	228365	9.146	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.28	232	48066	7.343	ng	98
60) Diethylphthalate	10.42	149	231042	8.481	ng	99
61) 4-Chlorophenyl-phenylether	10.54	204	107548	8.165	ng	97
62) 4-Nitroaniline	10.56	138	56794	7.988	ng	92
63) Azobenzene	10.70	77	232923	8.614	ng	97
65) 4,6-Dinitro-2-methylphenol	10.59	198	19839	5.973	ng	90
66) n-Nitrosodiphenylamine	10.66	169	199957	8.385	ng	95
67) 4-Bromophenyl-phenylether	11.04	248	64787	8.215	ng	98
68) Hexachlorobenzene	11.10	284	66814	7.985	ng	# 93
69) Atrazine	11.18	200	63183	8.384	ng	98
70) Pentachlorophenol	11.30	266	26601	5.452	ng	96
71) Phenanthrene	11.52	178	347585	9.137	ng	99
72) Anthracene	11.57	178	353169	9.262	ng	98
73) Carbazole	11.73	167	310505	8.340	ng	99
74) Di-n-butylphthalate	12.05	149	365273	8.687	ng	98
75) Fluoranthene	12.72	202	354134	9.173	ng	99
77) Benzidine	12.83	184	95419	3.861	ng	97
78) Pyrene	12.94	202	357814	8.287	ng	97
80) Butylbenzylphthalate	13.55	149	145456	7.762	ng	99
81) Benzo(a)anthracene	14.13	228	312615	8.753	ng	98
82) 3,3'-Dichlorobenzidine	14.09	252	85536	6.878	ng	97
83) Chrysene	14.17	228	301993	8.903	ng	99
84) Bis(2-ethylhexyl)phthalate	14.10	149	209609	8.274	ng	98
85) Di-n-octyl phthalate	14.73	149	332118	8.431	ng	98
86) Indeno(1,2,3-cd)pyrene	17.22	276	234666	8.339	ng	# 95
88) Benzo(b)fluoranthene	15.21	252	263426	8.657	ng	99
89) Benzo(k)fluoranthene	15.24	252	273032	9.127	ng	# 97
90) Benzo(a)pyrene	15.60	252	247441	8.837	ng	97
91) Dibenzo(a,h)anthracene	17.23	278	199130	8.242	ng	98
92) Benzo(g,h,i)perylene	17.69	276	187775	7.887	ng	96

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

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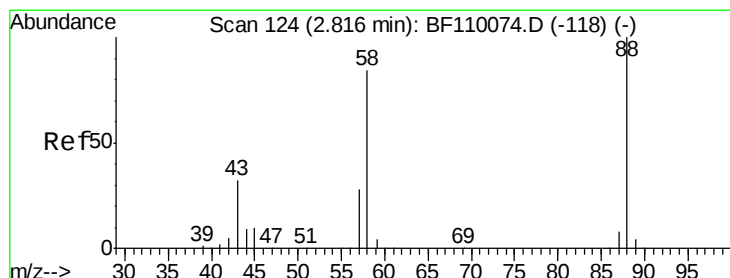
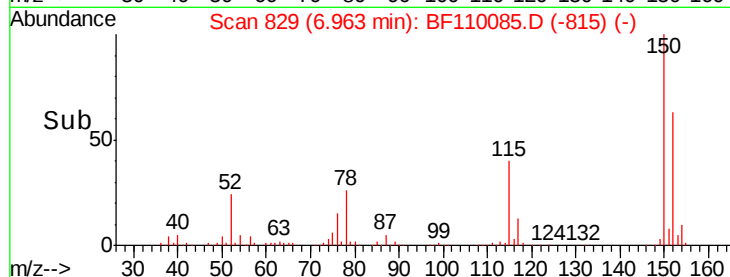
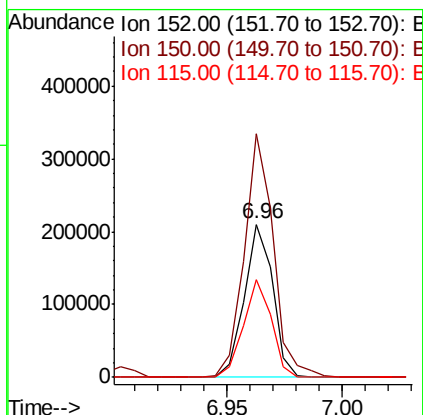
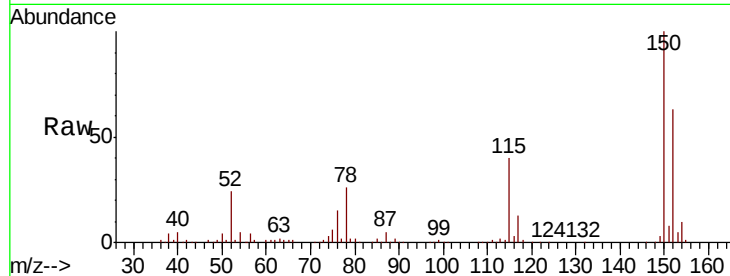


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.02 min
Lab File: BF110085.D
Acq: 23 Oct 2018 18:47

Instrument :
BNA_F
ClientSampleId :

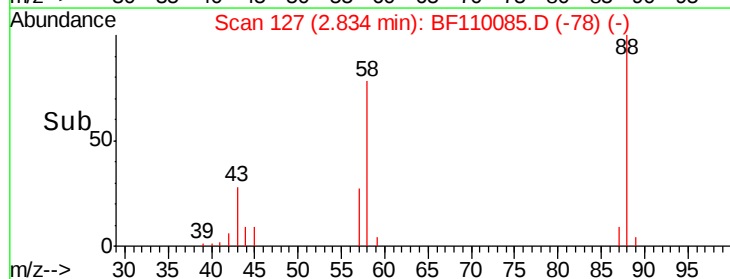
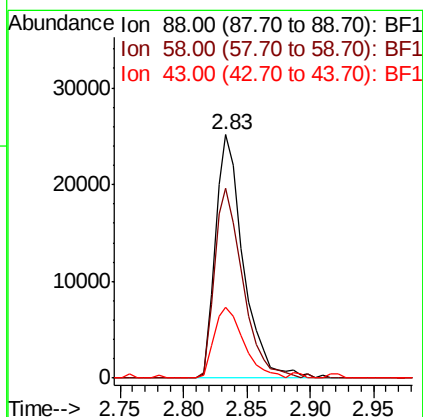
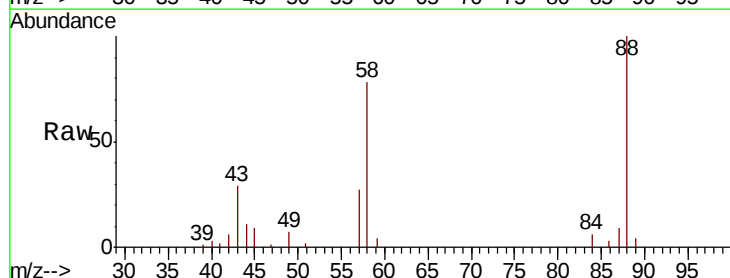
Tot Ion:152 Resp: 180969
Ion Ratio Lower Upper
152 100
150 159.0 122.7 184.1
115 63.9 49.1 73.7



#2

1,4-Dioxane
Concen: 6.652 ng
RT: 2.83 min Scan# 127
Delta R.T. -0.01 min
Lab File: BF110085.D
Acq: 23 Oct 2018 18:47

Tgt Ion: 88 Resp: 38728
Ion Ratio Lower Upper
88 100
58 79.0 57.1 85.7
43 31.1 24.1 36.1





#3

Pvridine

Concen: 7.835 ng

RT: 3.66 min Scan# 267

Delta R.T. 0.04 min

Lab File: BF110085.D

Acq: 23 Oct 2018 18:47

Instrument :

BNA_F

ClientSampleId :

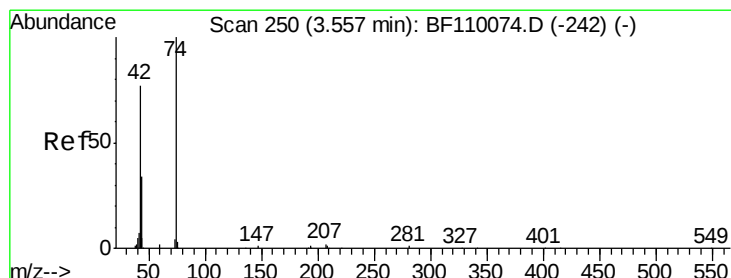
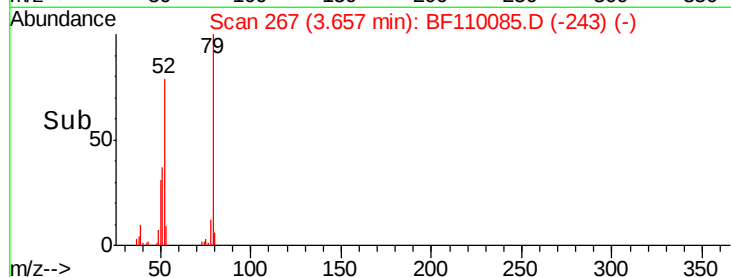
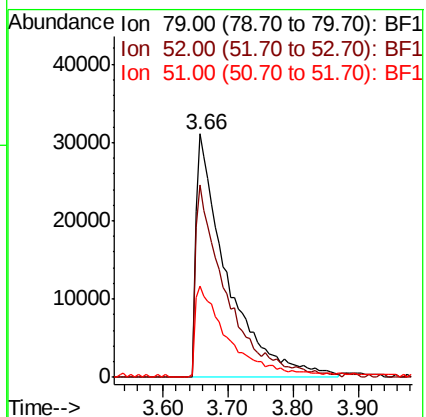
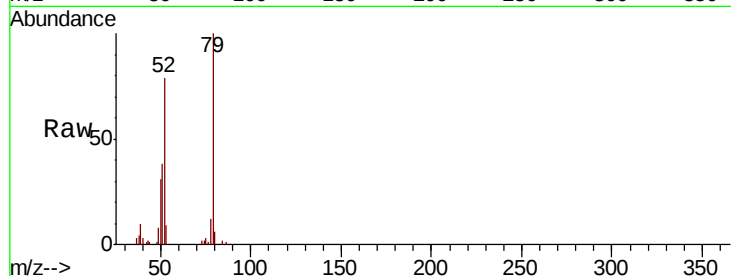
Tot Ion: 79 Resp: 101608

Ion Ratio Lower Upper

79 100

52 79.1 53.1 79.7

51 37.7 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 8.278 ng

RT: 3.55 min Scan# 249

Delta R.T. -0.03 min

Lab File: BF110085.D

Acq: 23 Oct 2018 18:47

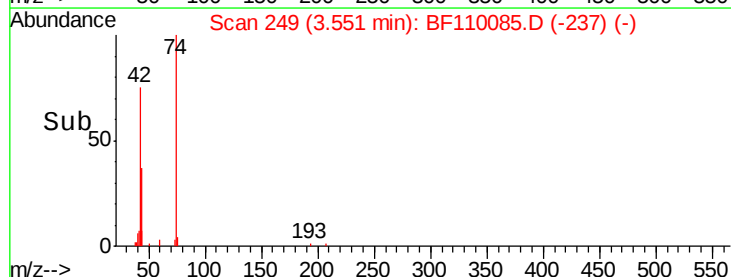
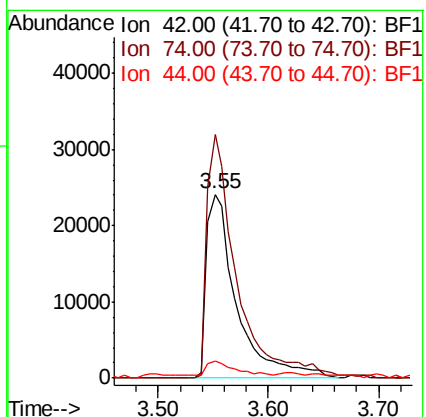
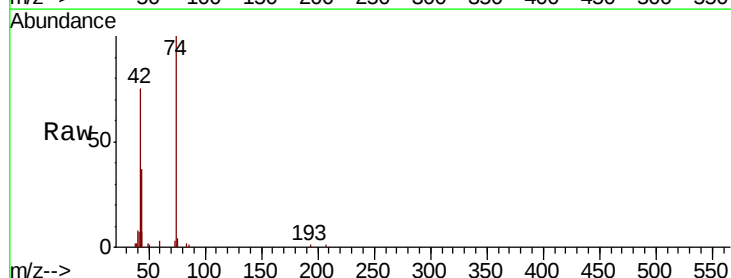
Tgt Ion: 42 Resp: 44974

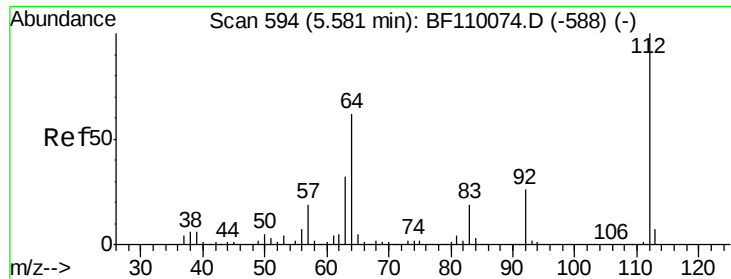
Ion Ratio Lower Upper

42 100

74 132.6 105.5 158.3

44 9.5 4.9 7.3#

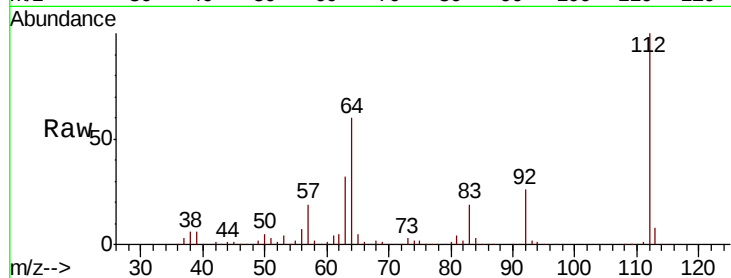




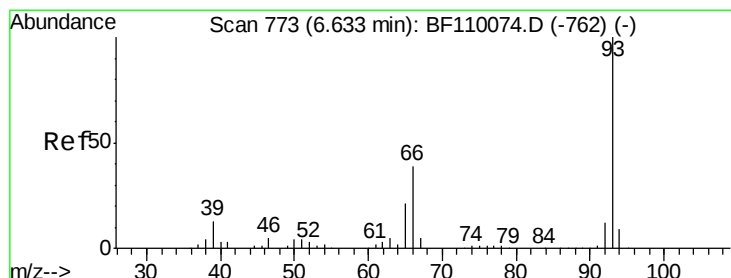
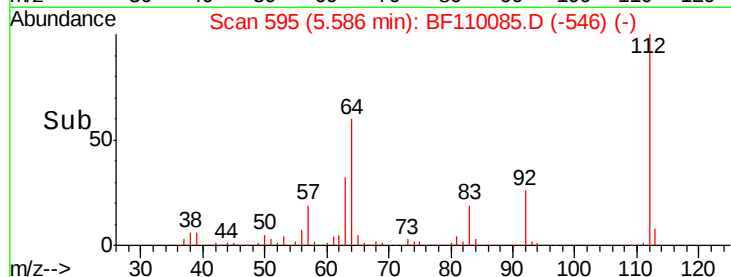
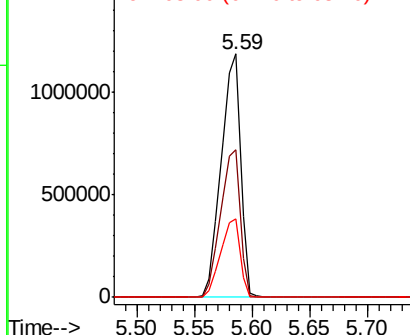
#5
2-Fluorophenol
Concen: 125.524 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110085.D
Acq: 23 Oct 2018 18:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:112 Resp: 1394946
Ion Ratio Lower Upper
112 100
64 60.4 44.1 66.1
63 32.2 23.7 35.5

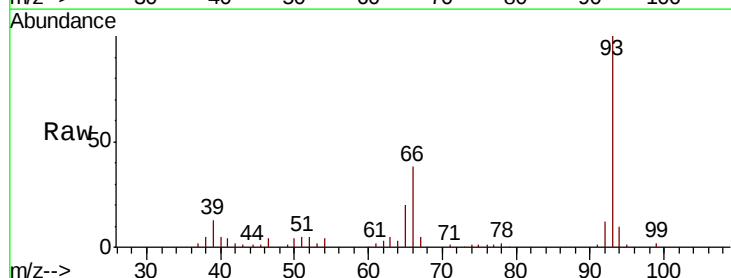


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

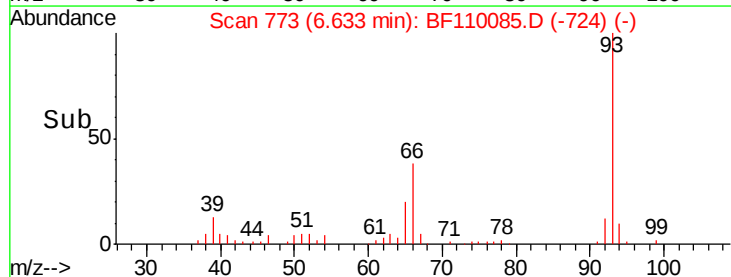
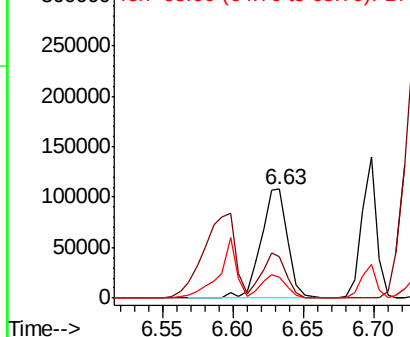


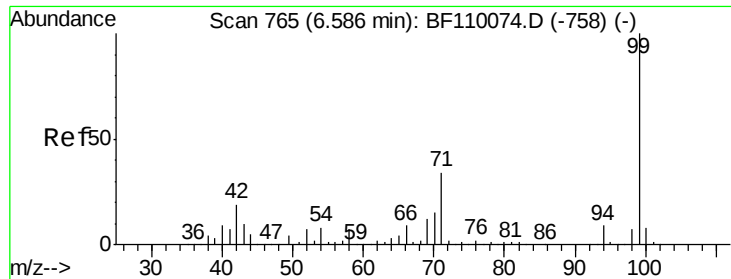
#6
Aniline
Concen: 7.749 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF110085.D
Acq: 23 Oct 2018 18:47

Tgt Ion: 93 Resp: 143483
Ion Ratio Lower Upper
93 100
66 37.8 67.4 101.0#
65 19.6 41.0 61.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 124.766 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110085.D

Acq: 23 Oct 2018 18:47

Instrument :

BNA_F

ClientSampleId :

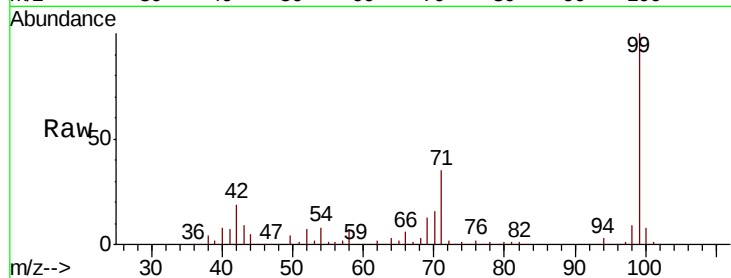
Tot Ion: 99 Resp: 1773470

Ion Ratio Lower Upper

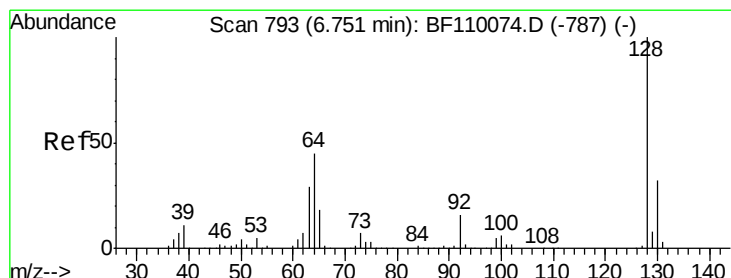
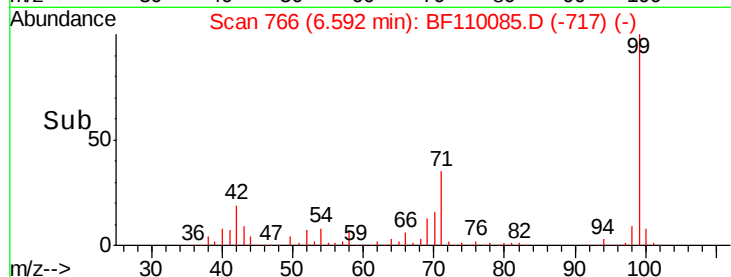
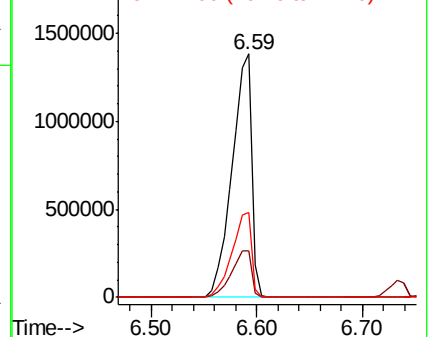
99 100

42 19.1 15.8 23.6

71 35.0 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: 8.114 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.02 min

Lab File: BF110085.D

Acq: 23 Oct 2018 18:47

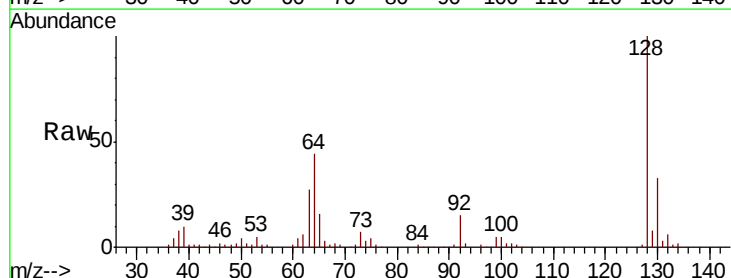
Tgt Ion:128 Resp: 103962

Ion Ratio Lower Upper

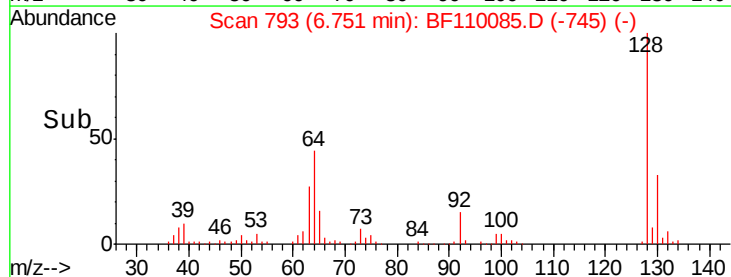
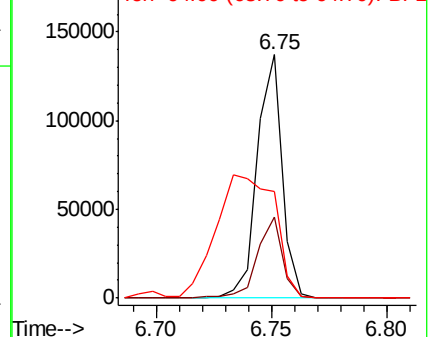
128 100

130 33.3 13.1 53.1

64 44.0 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

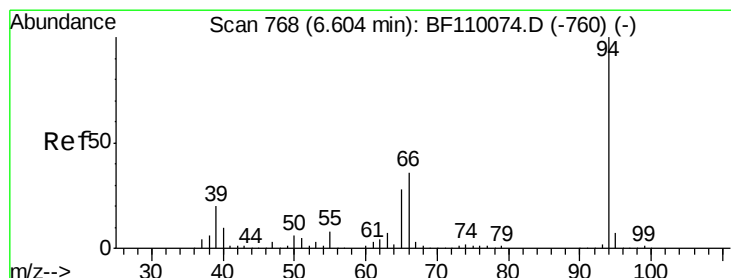
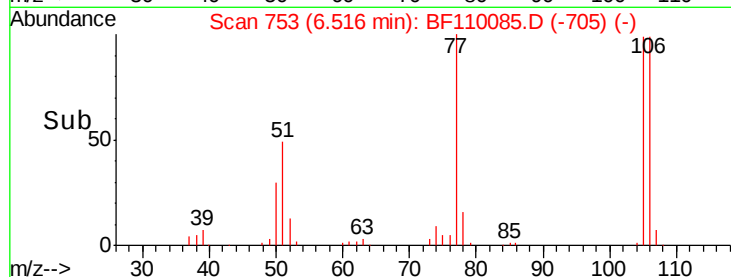
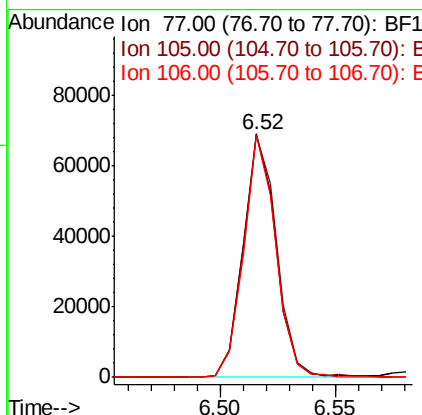
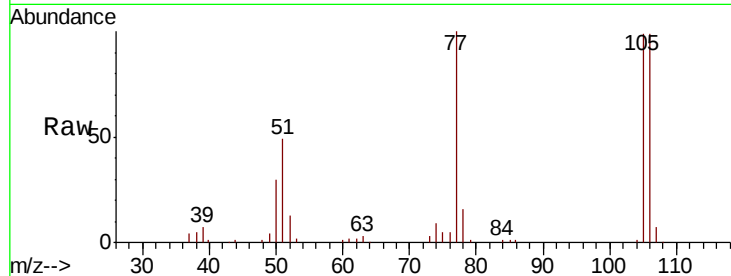




#9
Benzaldehyde
Concen: 6.070 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.02 min
Lab File: BF110085.D
Acq: 23 Oct 2018 18:47

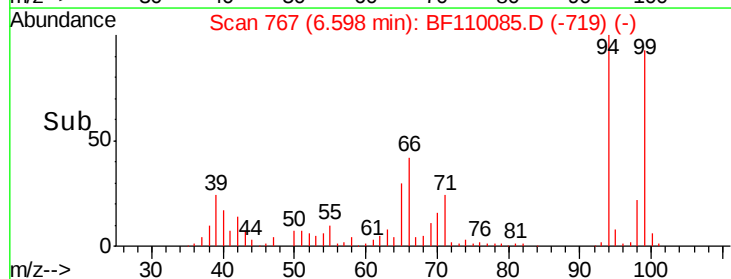
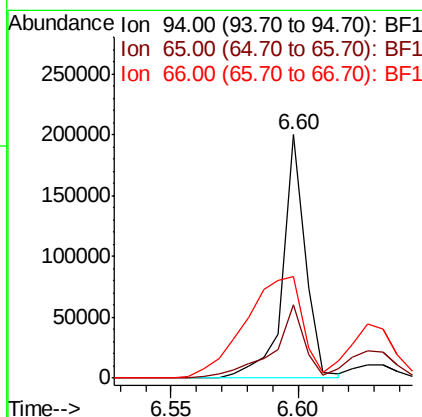
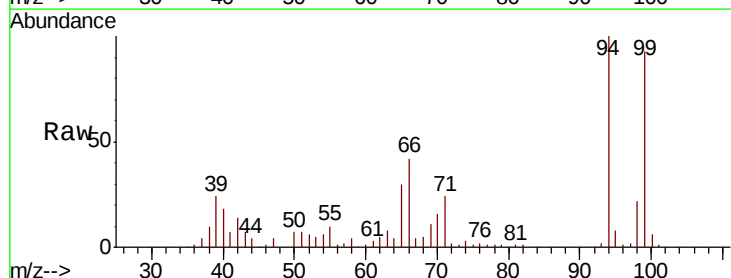
Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 68024
Ion Ratio Lower Upper
77 100
105 99.3 78.6 118.6
106 99.4 74.8 114.8



#10
Phenol
Concen: 8.104 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.02 min
Lab File: BF110085.D
Acq: 23 Oct 2018 18:47

Tgt Ion: 94 Resp: 123137
Ion Ratio Lower Upper
94 100
65 30.2 25.3 65.3
66 41.9 54.5 94.5#

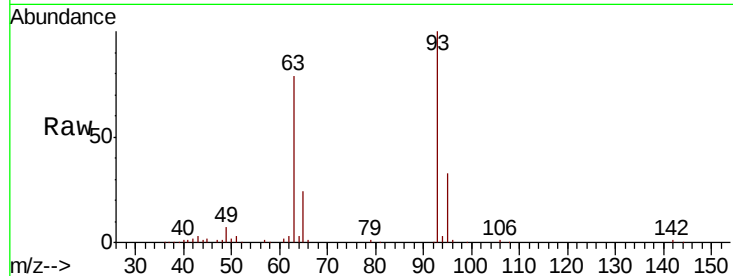




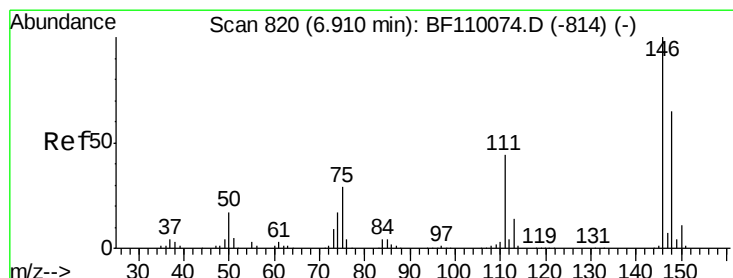
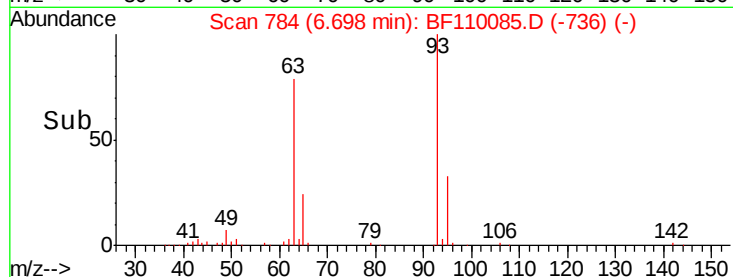
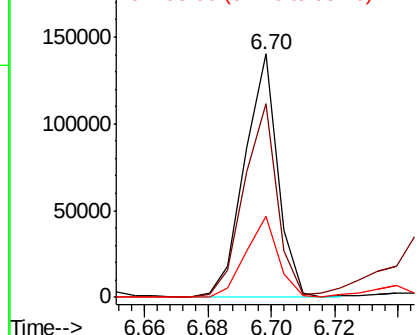
#11
bis(2-Chloroethyl)ether
Concen: 8.167 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.02 min
Lab File: BF110085.D
Acq: 23 Oct 2018 18:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 102092
Ion Ratio Lower Upper
93 100
63 79.5 53.4 93.4
95 33.1 12.1 52.1

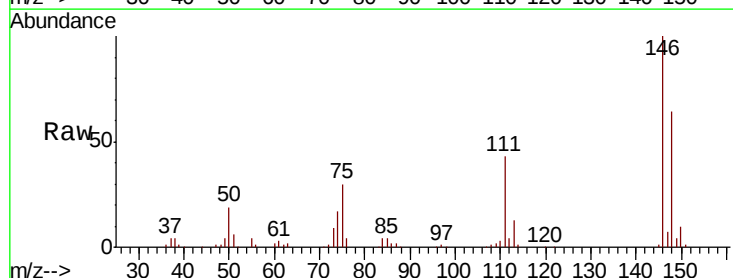


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

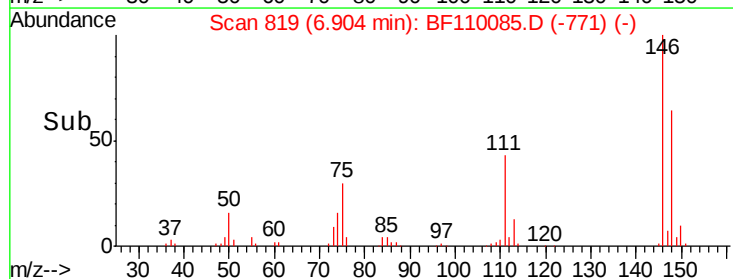
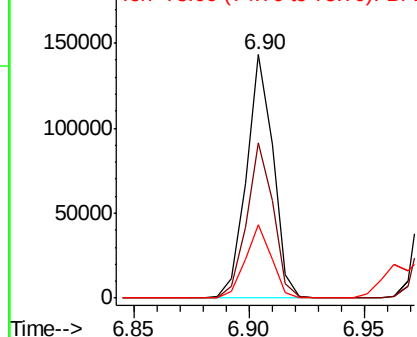


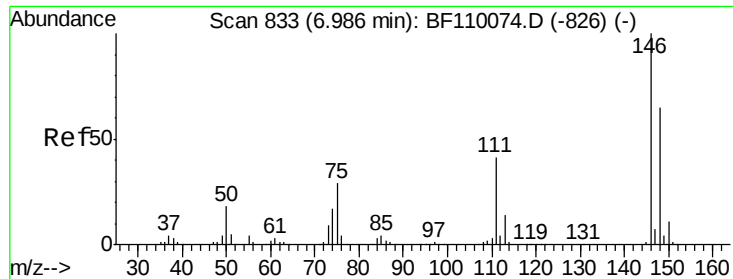
#12
1,3-Dichlorobenzene
Concen: 8.204 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF110085.D
Acq: 23 Oct 2018 18:47

Tgt Ion: 146 Resp: 115669
Ion Ratio Lower Upper
146 100
148 63.7 50.4 75.6
75 30.0 25.8 38.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

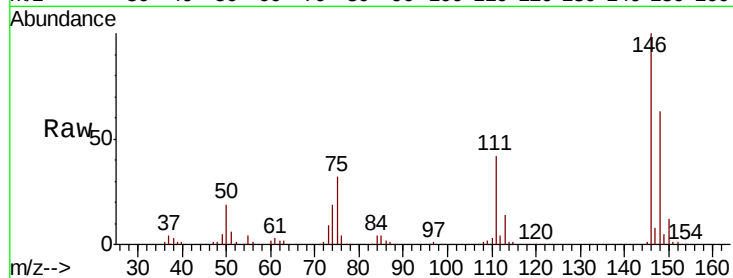




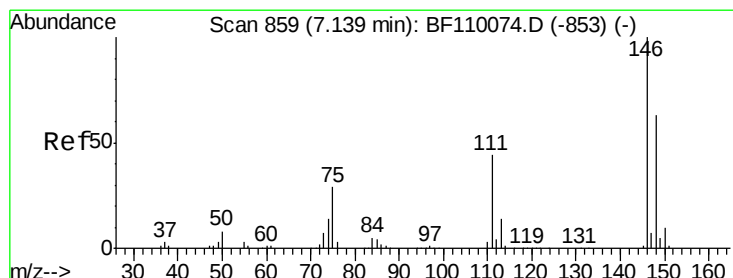
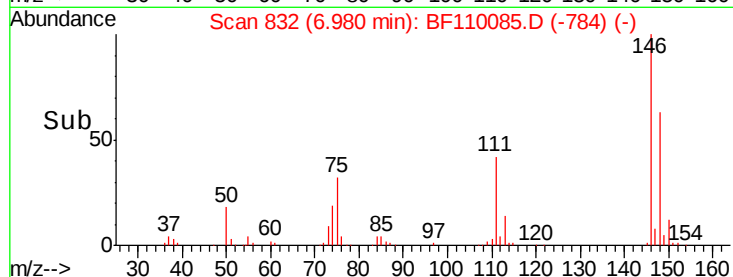
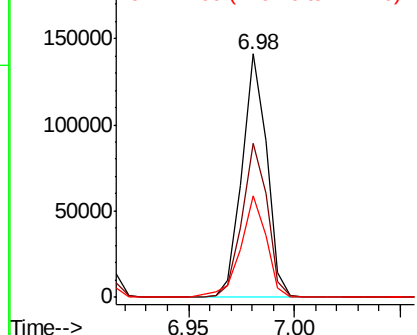
#13
1,4-Dichlorobenzene
Concen: 8.002 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.02 min
Lab File: BF110085.D
Acq: 23 Oct 2018 18:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:146 Resp: 114111
Ion Ratio Lower Upper
146 100
148 63.1 50.3 75.5
111 41.9 32.7 49.1

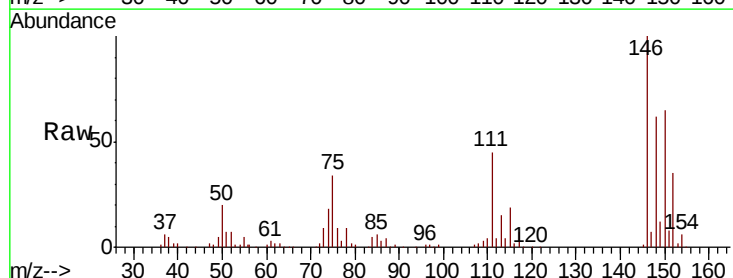


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

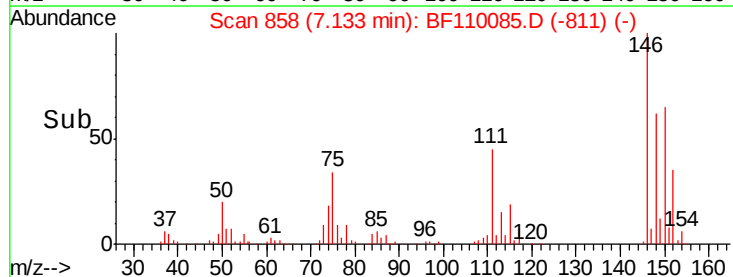
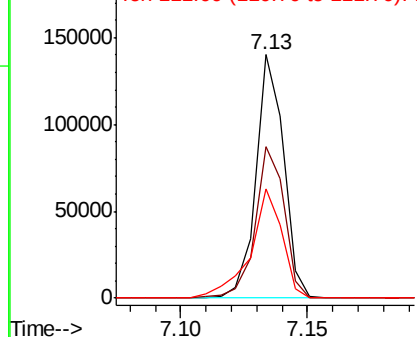


#14
1,2-Dichlorobenzene
Concen: 8.060 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.02 min
Lab File: BF110085.D
Acq: 23 Oct 2018 18:47

Tgt Ion:146 Resp: 106696
Ion Ratio Lower Upper
146 100
148 62.5 51.1 76.7
111 44.9 35.8 53.6



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





#15

Benzyl Alcohol

Concen: 9.223 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.02 min

Lab File: BF110085.D

Acq: 23 Oct 2018 18:47

Instrument :

BNA_F

ClientSampleId :

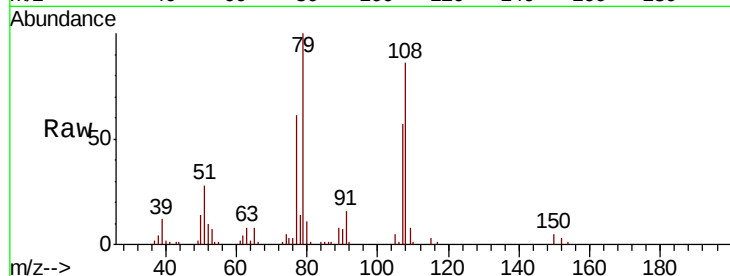
Tot Ion: 79 Resp: 100828

Ion Ratio Lower Upper

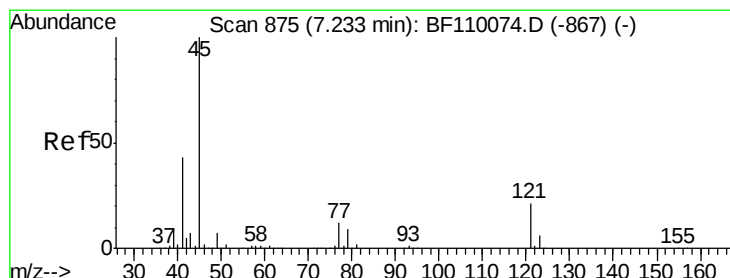
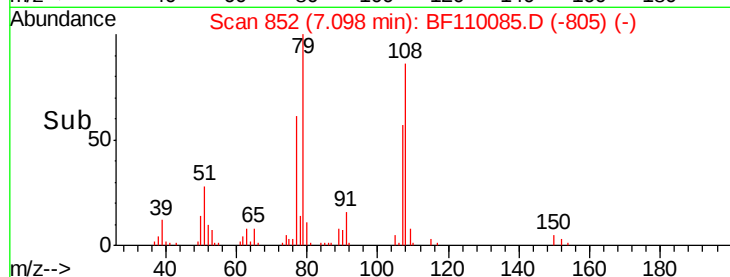
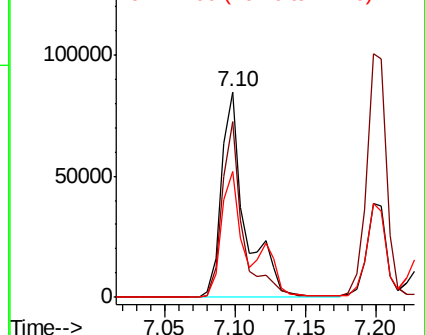
79 100

108 85.8 56.3 84.5#

77 61.2 52.9 79.3



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 8.252 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.02 min

Lab File: BF110085.D

Acq: 23 Oct 2018 18:47

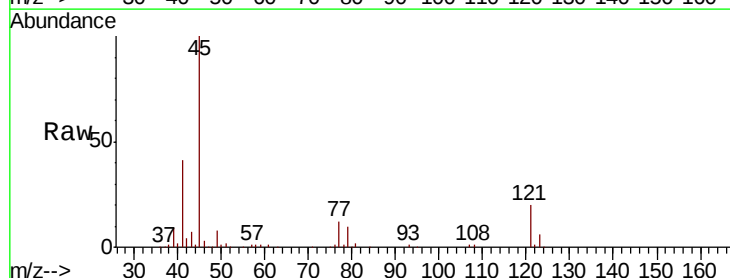
Tgt Ion: 45 Resp: 164921

Ion Ratio Lower Upper

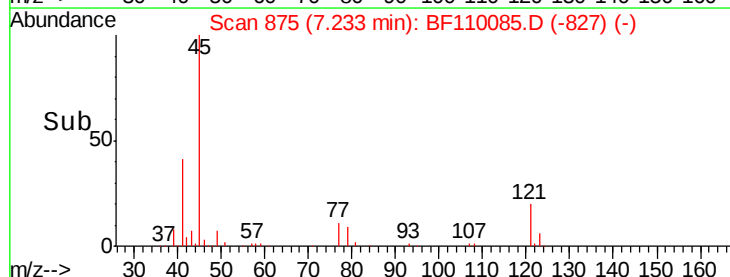
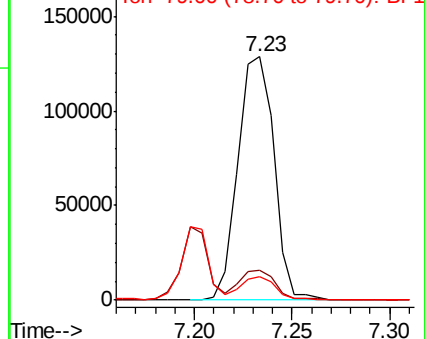
45 100

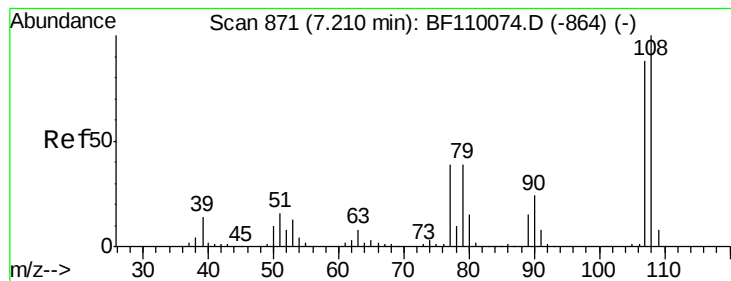
77 12.2 10.0 50.0

79 9.5 6.1 46.1



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

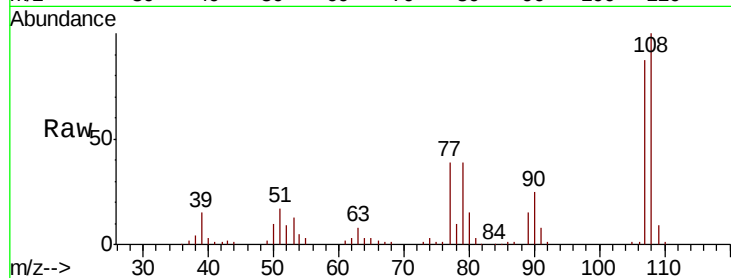




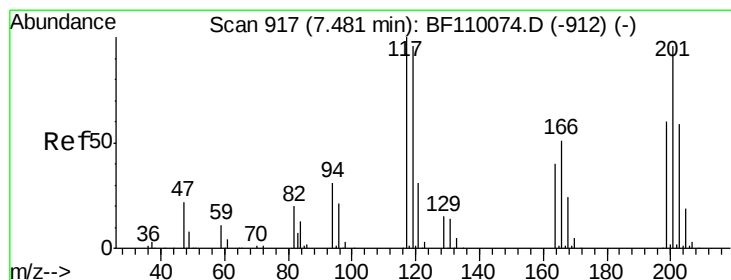
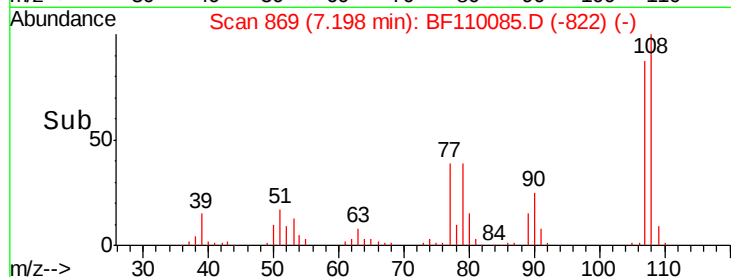
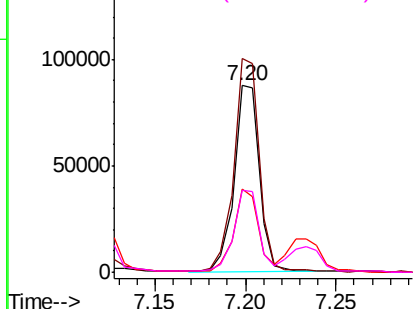
#17
2-Methylphenol
Concen: 8.279 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.02 min
Lab File: BF110085.D
Acq: 23 Oct 2018 18:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 84532
Ion Ratio Lower Upper
107 100
108 114.6 92.6 138.8
77 44.4 59.4 89.2#
79 44.3 54.0 81.0#

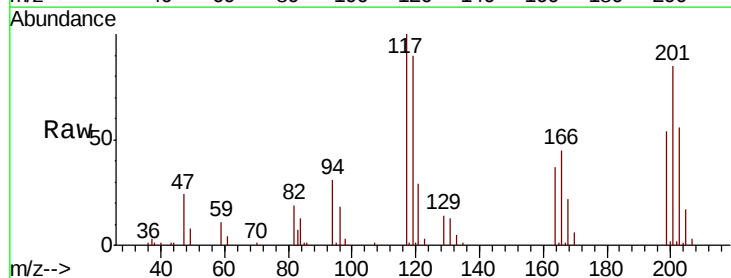


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

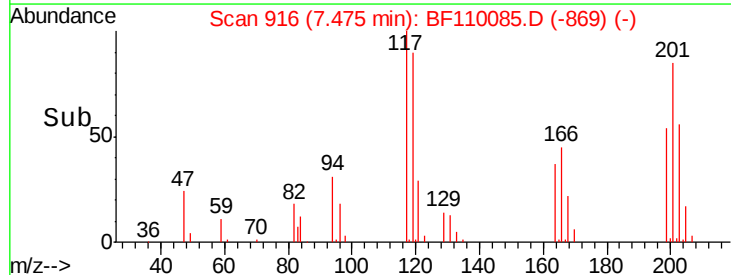
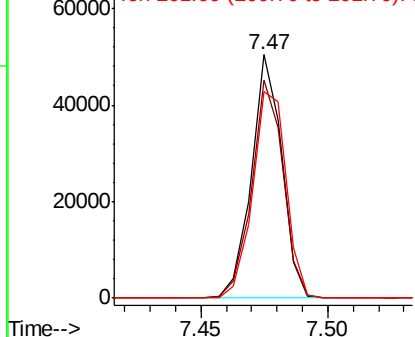


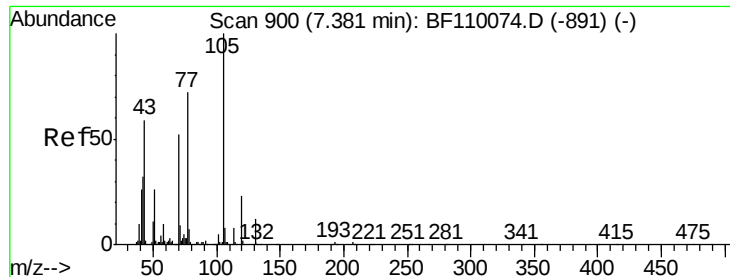
#18
Hexachloroethane
Concen: 8.085 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF110085.D
Acq: 23 Oct 2018 18:47

Tgt Ion:117 Resp: 42211
Ion Ratio Lower Upper
117 100
119 89.7 75.0 112.6
201 84.6 79.2 118.8



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

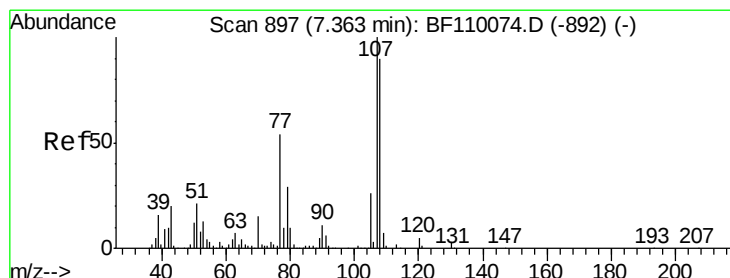
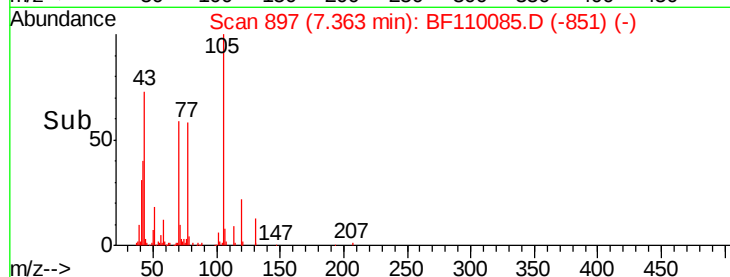
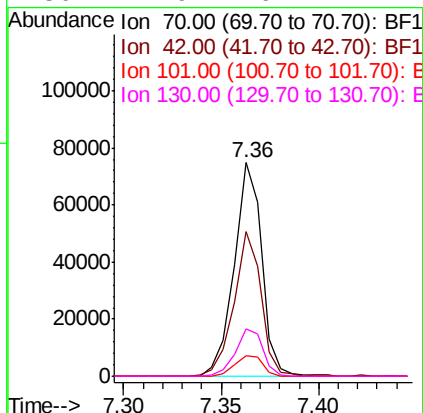
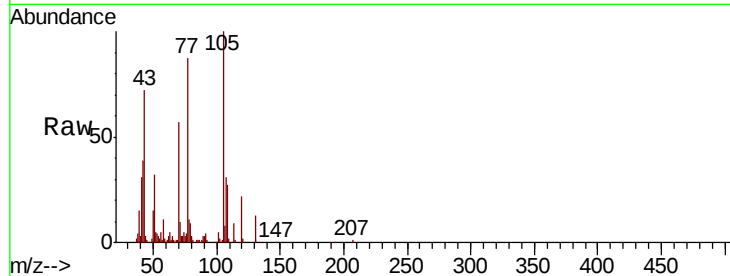




#19
n-Nitroso-di-n-propylamine
Concen: 8.053 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.03 min
Lab File: BF110085.D
Acq: 23 Oct 2018 18:47

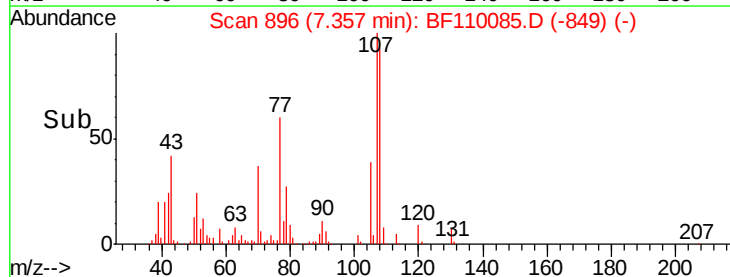
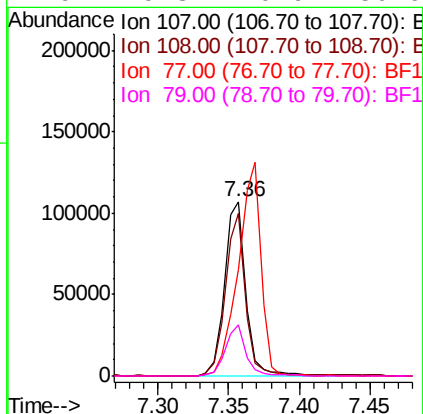
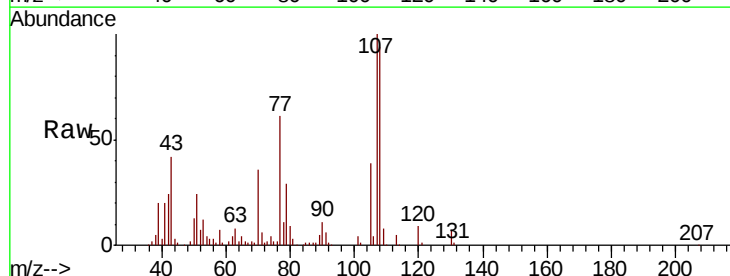
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	73439
Ion	Ratio	Lower	Upper
70	100		
42	67.9	47.4	71.2
101	9.5	7.3	10.9
130	21.9	16.2	24.2



#20
3+4-Methylphenols
Concen: 8.498 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF110085.D
Acq: 23 Oct 2018 18:47

Tgt Ion:	107	Resp:	112163
Ion	Ratio	Lower	Upper
107	100		
108	93.7	71.4	111.4
77	60.9	47.3	87.3
79	29.3	10.9	50.9

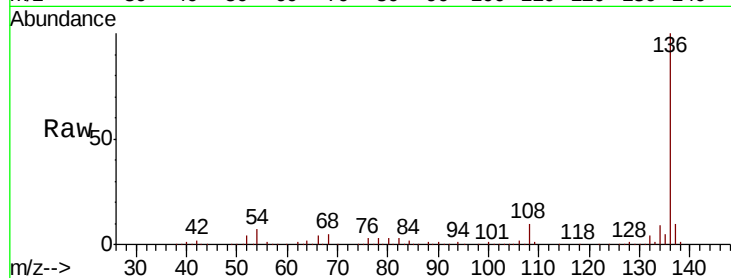




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110085.D
Acq: 23 Oct 2018 18:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	771390
Ion Ratio	Lower	Upper
136 100		
137 10.4	8.8	13.2
54 7.3	5.4	8.2
68 5.1	4.2	6.2



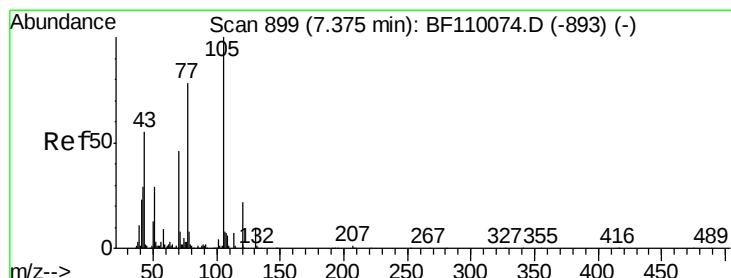
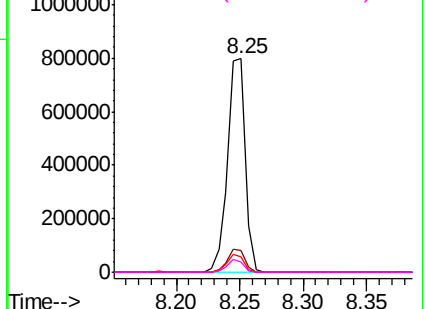
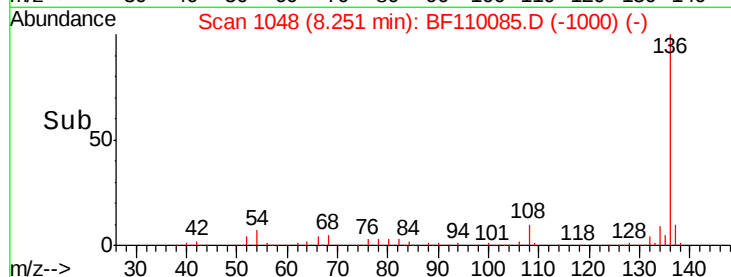
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

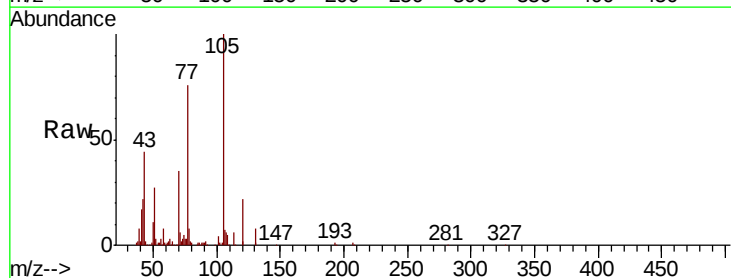
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 8.504 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF110085.D
Acq: 23 Oct 2018 18:47

Tgt	Ion:105	Resp:	151154
Ion	Ratio	Lower	Upper
105	100		
71	5.8	5.2	7.8
51	27.5	21.8	32.8
120	21.5	17.0	25.4



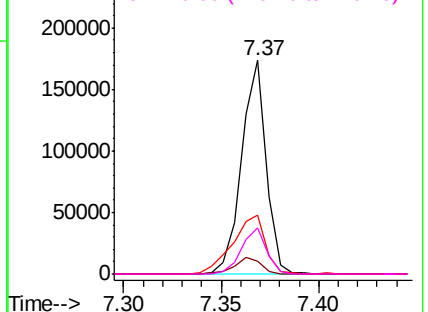
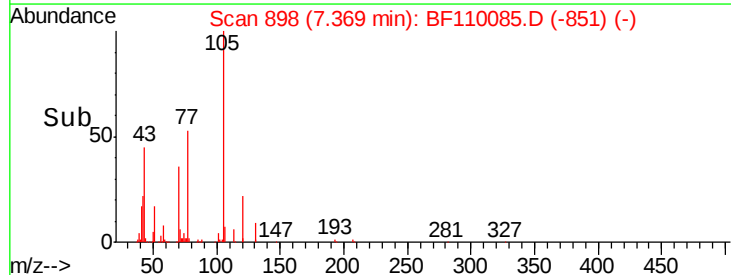
Abundance

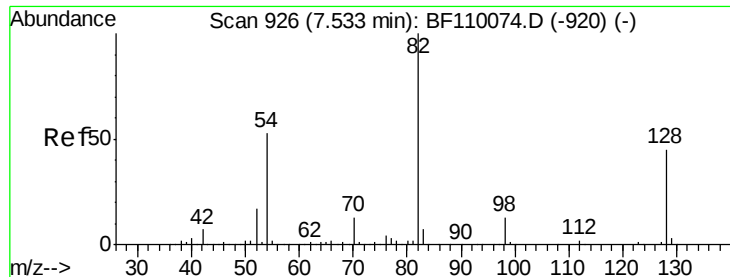
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

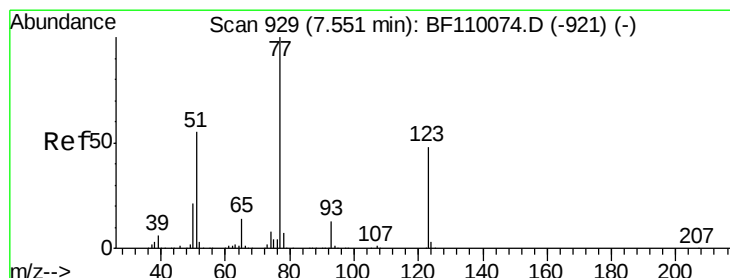
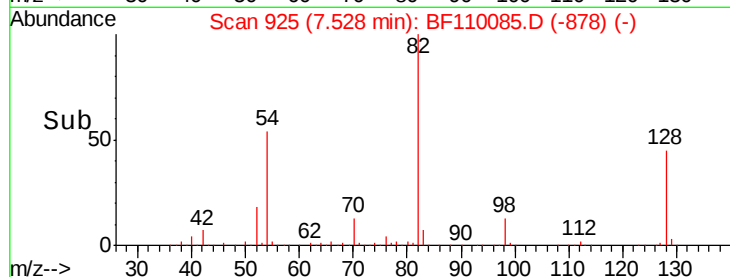
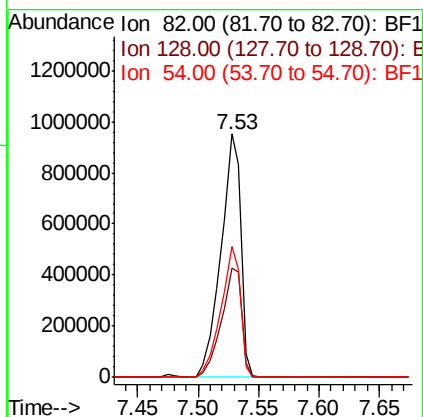
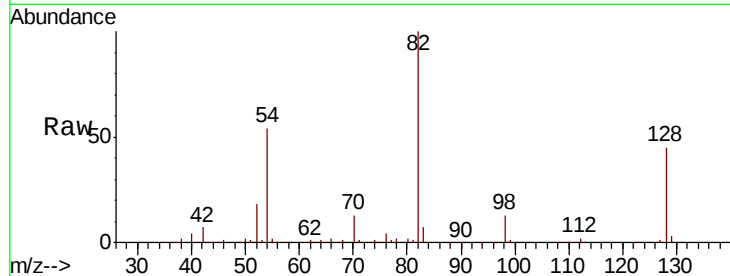




#23
 Nitrobenzene-d5
 Concen: 83.225 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BF110085.D
 Acq: 23 Oct 2018 18:47

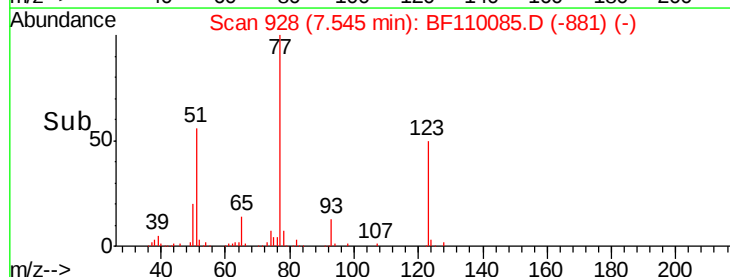
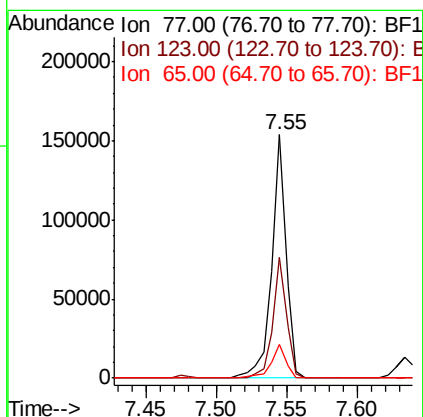
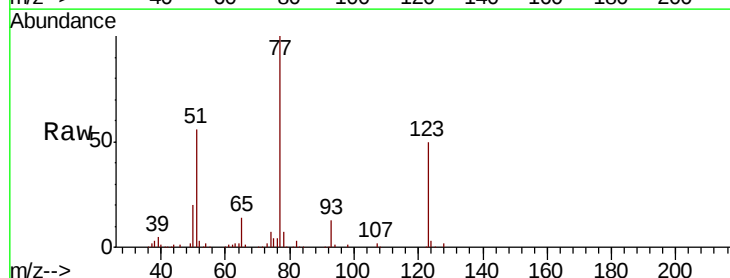
Instrument :
 BNA_F
 ClientSampleId :

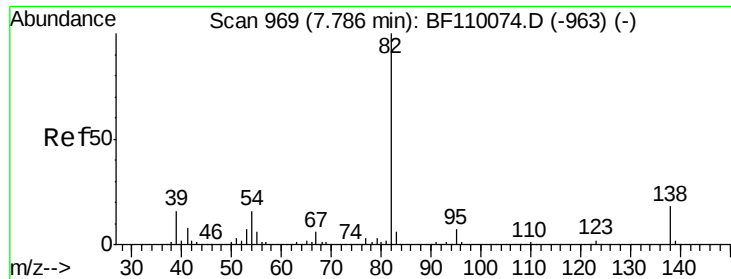
Tot Ion: 82 Resp: 1082374
 Ion Ratio Lower Upper
 82 100
 128 45.0 34.2 51.2
 54 54.0 38.6 58.0



#24
 Nitrobenzene
 Concen: 8.295 ng
 RT: 7.55 min Scan# 928
 Delta R.T. -0.02 min
 Lab File: BF110085.D
 Acq: 23 Oct 2018 18:47

Tgt Ion: 77 Resp: 111374
 Ion Ratio Lower Upper
 77 100
 123 49.5 35.7 53.5
 65 14.0 10.7 16.1





#25

Isophorone

Concen: 9.064 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.03 min

Lab File: BF110085.D

Acq: 23 Oct 2018 18:47

Instrument :

BNA_F

ClientSampleId :

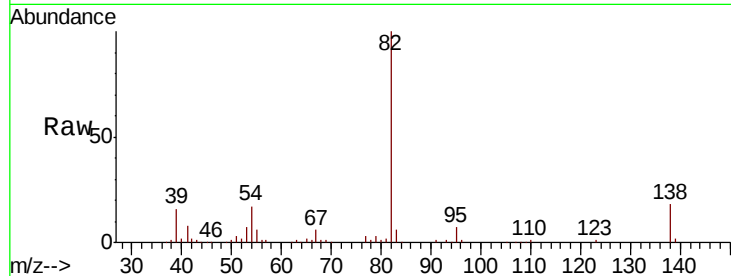
Tot Ion: 82 Resp: 200935

Ion Ratio Lower Upper

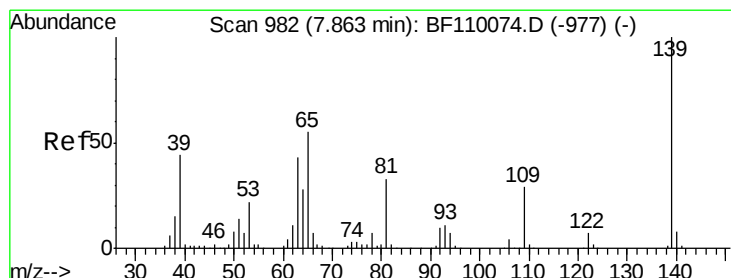
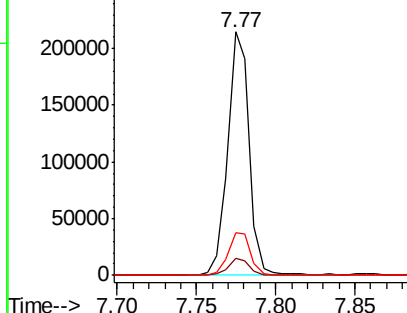
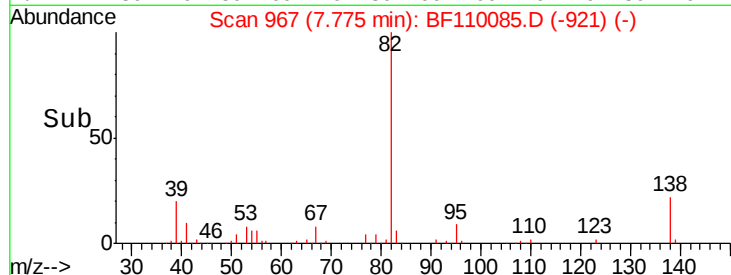
82 100

95 6.9 5.7 8.5

138 17.7 13.2 19.8



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 7.611 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.02 min

Lab File: BF110085.D

Acq: 23 Oct 2018 18:47

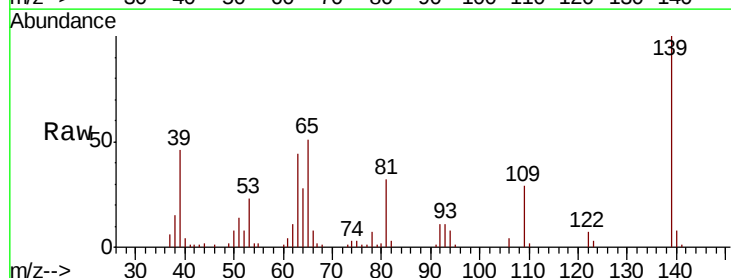
Tgt Ion: 139 Resp: 48631

Ion Ratio Lower Upper

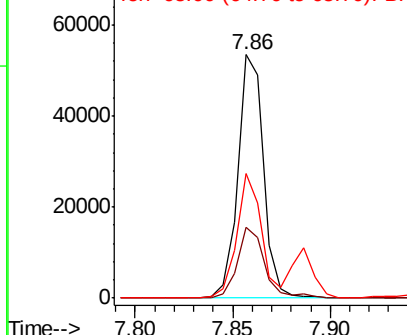
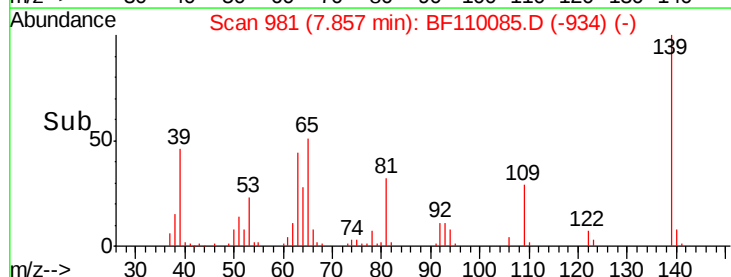
139 100

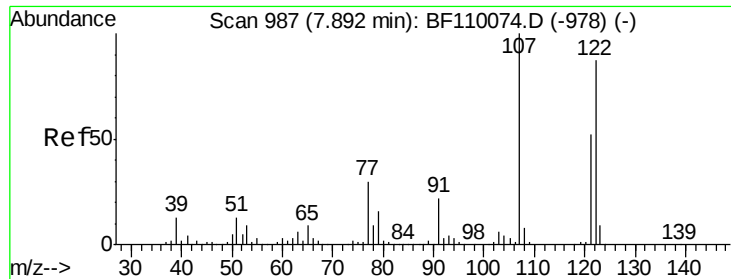
109 29.0 25.0 37.6

65 51.0 44.0 66.0



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

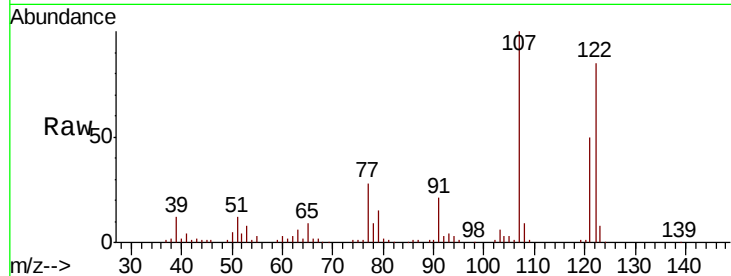




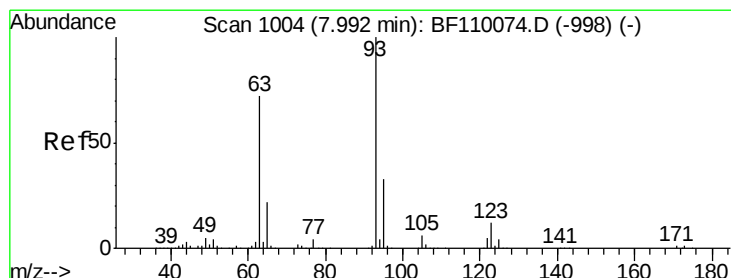
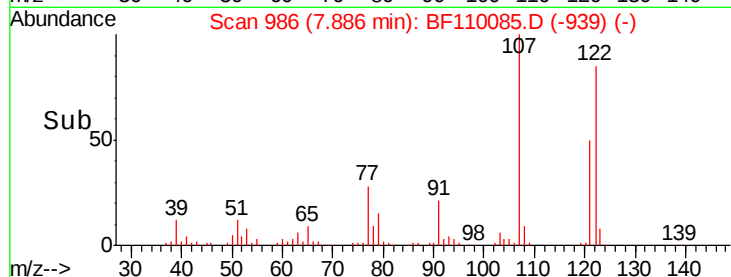
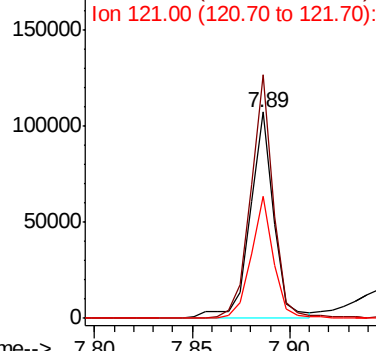
#27
2,4-Dimethylphenol
Concen: 8.542 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.02 min
Lab File: BF110085.D
Acq: 23 Oct 2018 18:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 90492
Ion Ratio Lower Upper
122 100
107 117.9 92.5 138.7
121 59.0 45.8 68.8

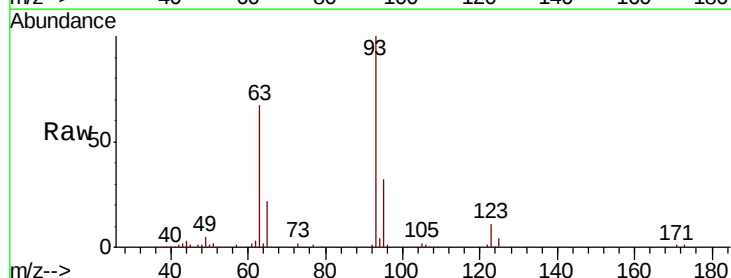


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

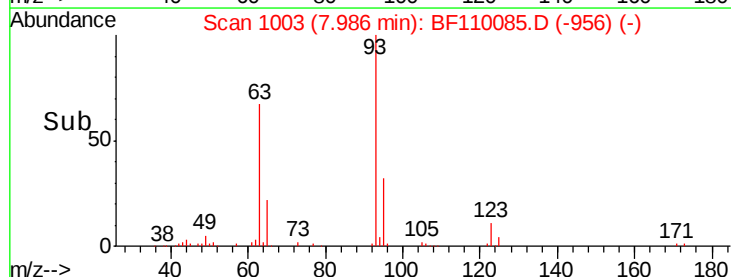
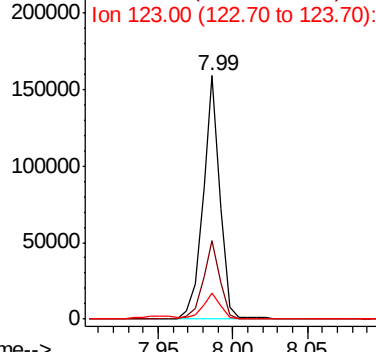


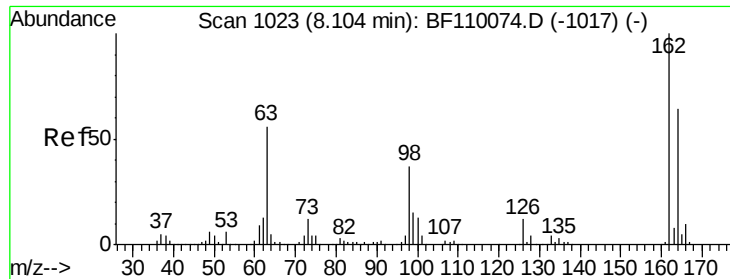
#28
bis(2-Chloroethoxy)methane
Concen: 8.433 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BF110085.D
Acq: 23 Oct 2018 18:47

Tgt Ion: 93 Resp: 127007
Ion Ratio Lower Upper
93 100
95 32.5 26.4 39.6
123 10.6 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

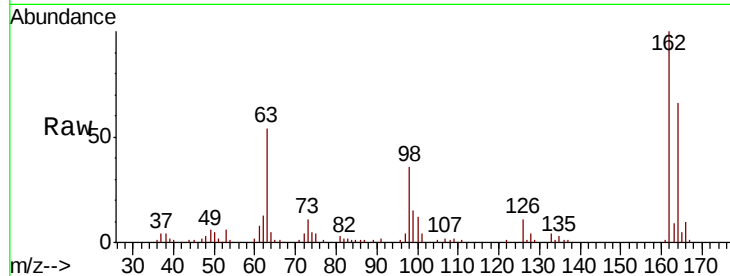




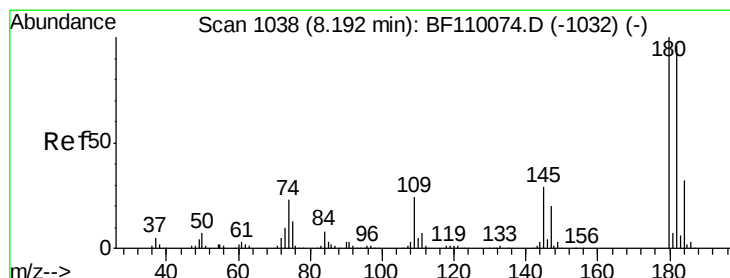
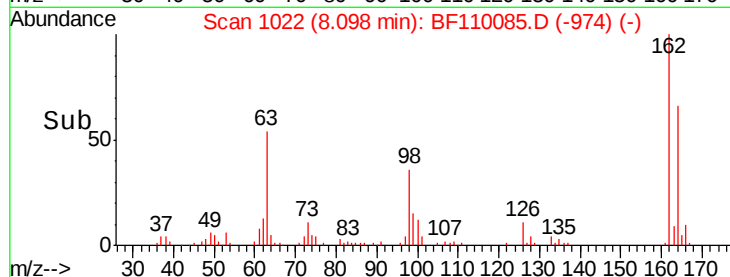
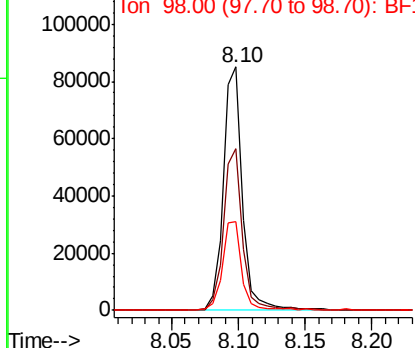
#29
 2,4-Dichlorophenol
 Concen: 8.068 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.02 min
 Lab File: BF110085.D
 Acq: 23 Oct 2018 18:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	162	Resp	86349
Ion Ratio	Lower	Upper	
162	100		
164	66.4	44.6	84.6
98	36.4	17.4	57.4

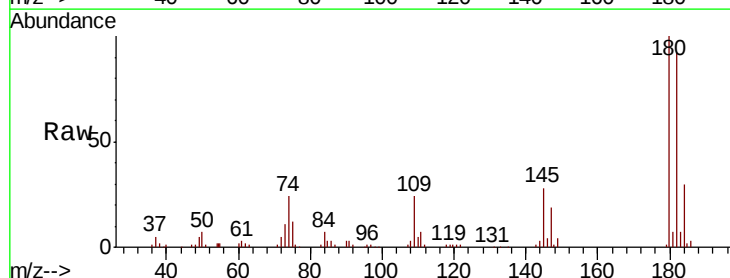


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

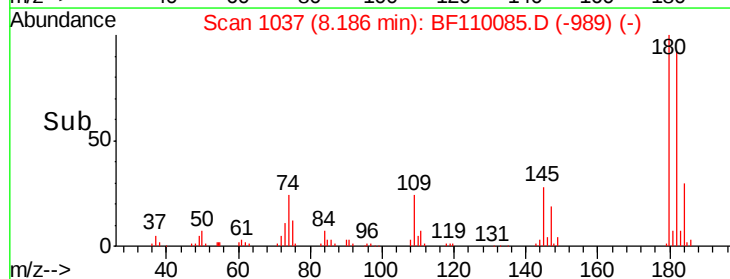
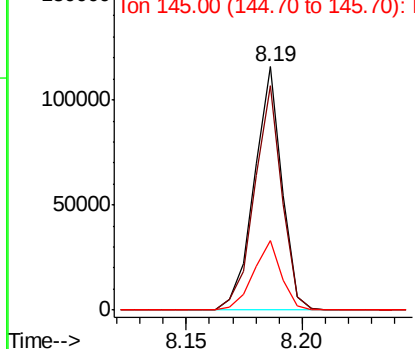


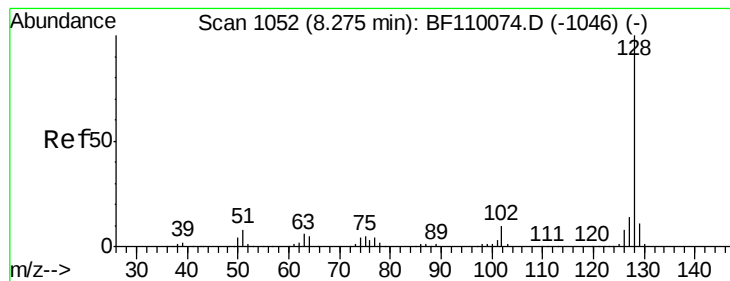
#30
 1,2,4-Trichlorobenzene
 Concen: 8.092 ng
 RT: 8.19 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF110085.D
 Acq: 23 Oct 2018 18:47

Tgt Ion	180	Resp	97009
Ion Ratio	Lower	Upper	
180	100		
182	92.2	80.3	120.5
145	28.4	25.4	38.0



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





#31

Naphthalene

Concen: 9.016 ng

RT: 8.27 min Scan# 1051

Delta R.T. -0.02 min

Lab File: BF110085.D

Acq: 23 Oct 2018 18:47

Instrument :

BNA_F

ClientSampled :

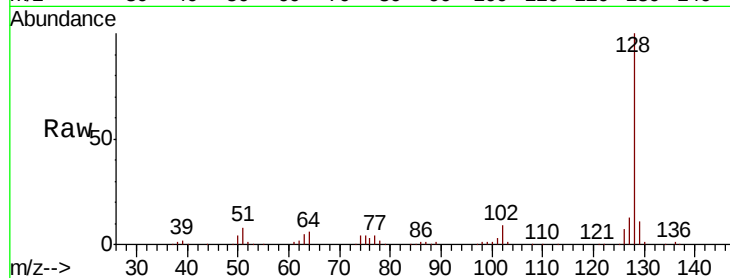
Tot Ion:128 Resp: 320555

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

127 13.0 10.8 16.2

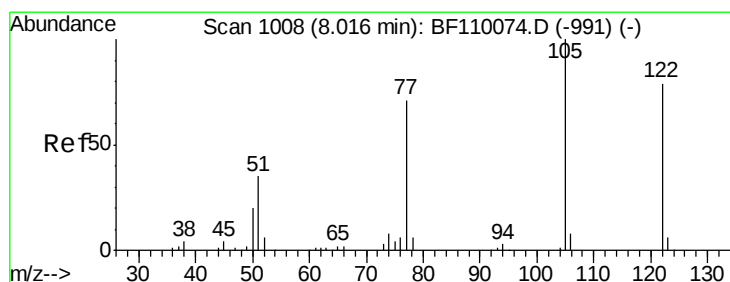
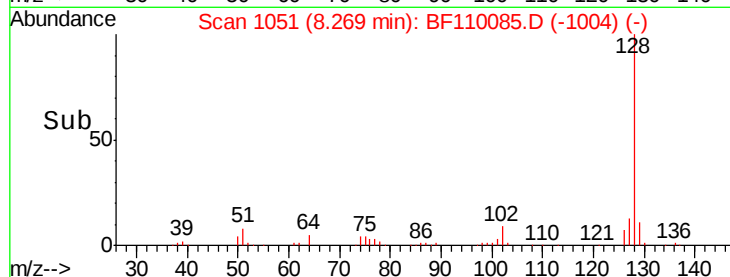
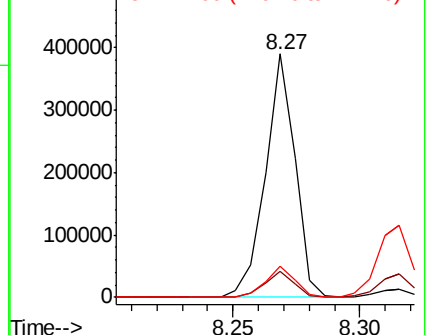


Abundance

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: 5.035 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.05 min

Lab File: BF110085.D

Acq: 23 Oct 2018 18:47

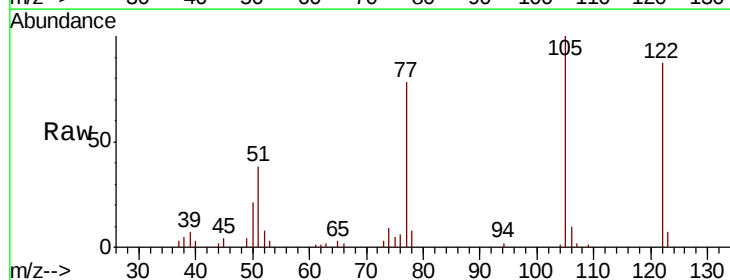
Tgt Ion:122 Resp: 41223

Ion Ratio Lower Upper

122 100

105 114.5 109.0 149.0

77 89.1 79.0 119.0

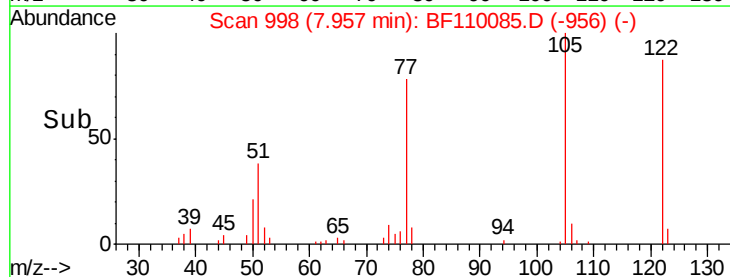
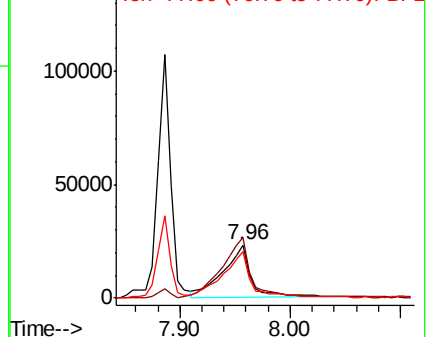


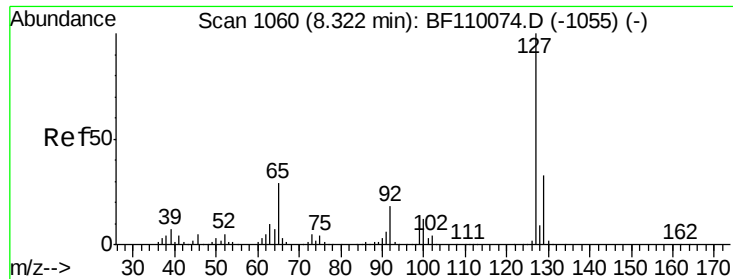
Abundance

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

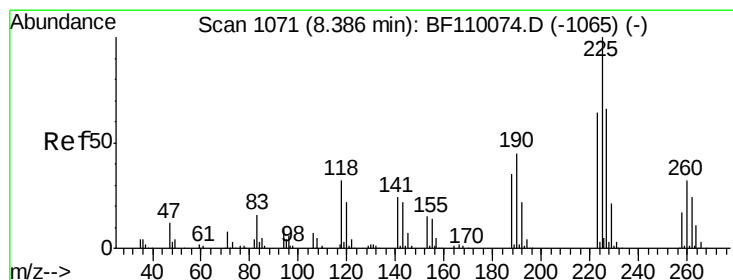
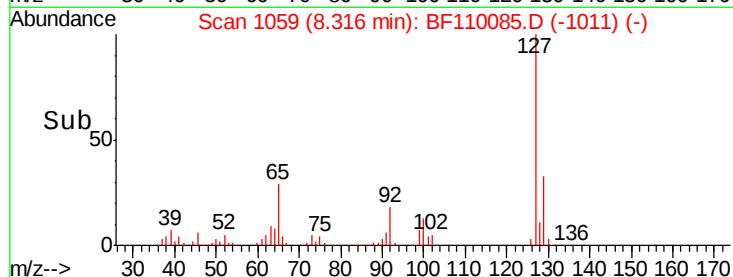
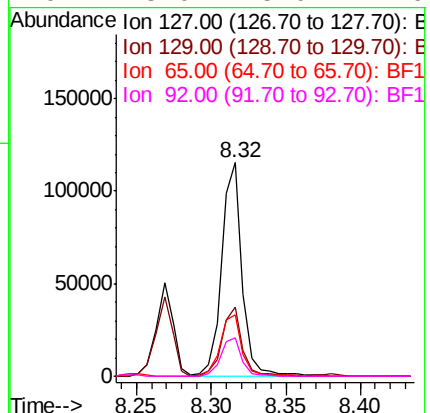
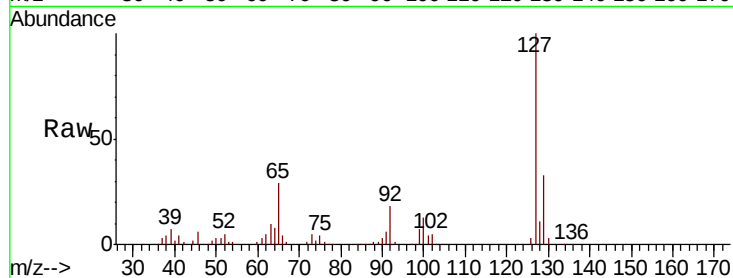




#33
4-Chloroaniline
Concen: 6.978 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.02 min
Lab File: BF110085.D
Acq: 23 Oct 2018 18:47

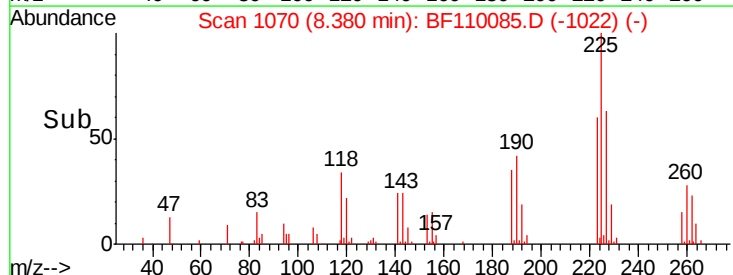
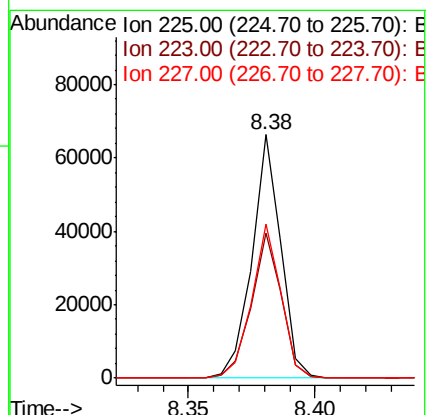
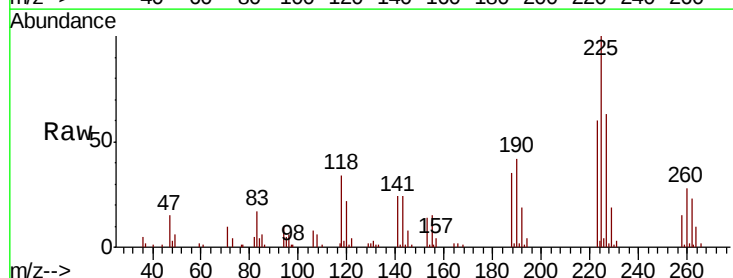
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	111650
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.0	39.0
65	28.5	25.1	37.7
92	18.0	15.0	22.6



#34
Hexachlorobutadiene
Concen: 7.863 ng
RT: 8.38 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BF110085.D
Acq: 23 Oct 2018 18:47

Tgt Ion:	225	Resp:	52341
Ion	Ratio	Lower	Upper
225	100		
223	59.5	51.4	77.2
227	63.2	51.0	76.6

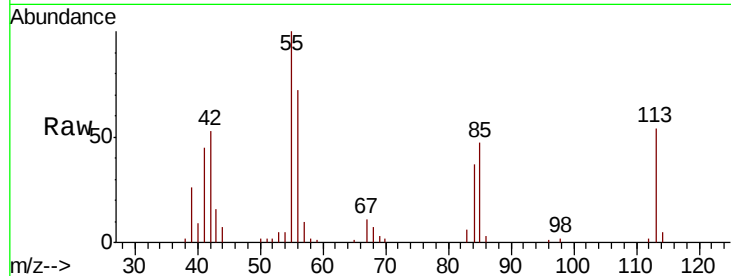




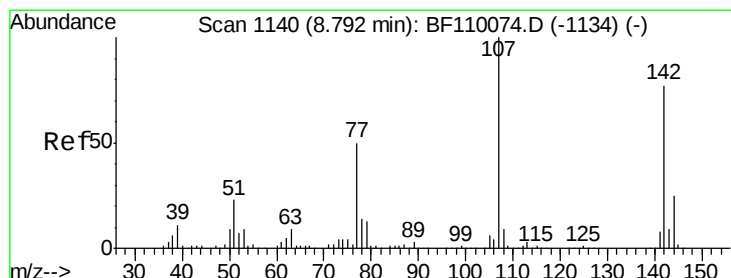
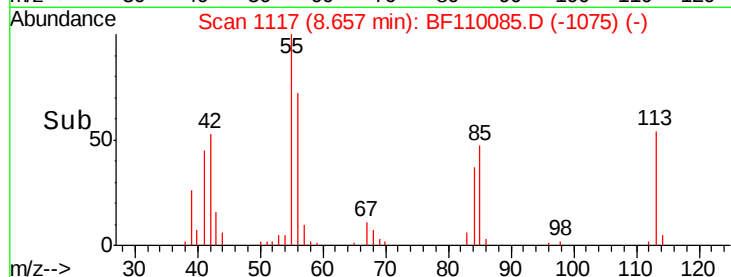
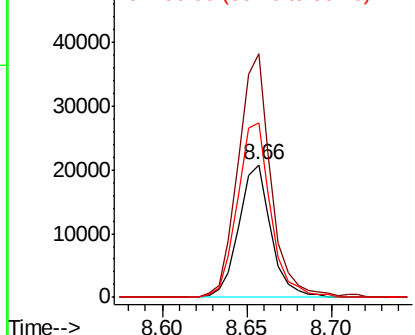
#35
 Caprolactam
 Concen: 7.376 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. -0.05 min
 Lab File: BF110085.D
 Acq: 23 Oct 2018 18:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 27513
 Ion Ratio Lower Upper
 113 100
 55 183.9 142.8 182.8#
 56 132.1 105.0 145.0

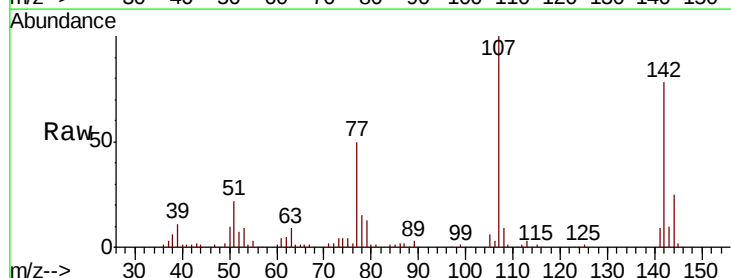


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

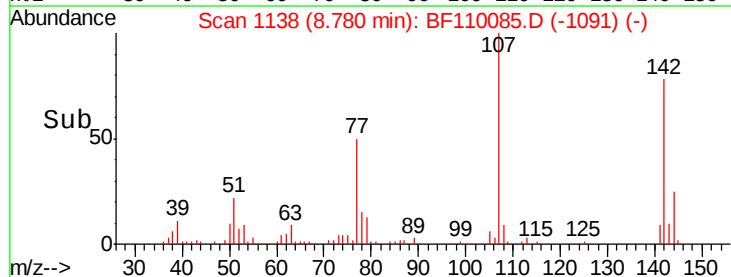
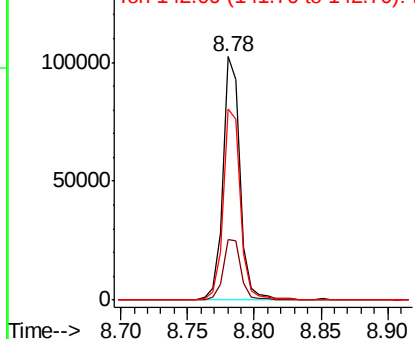


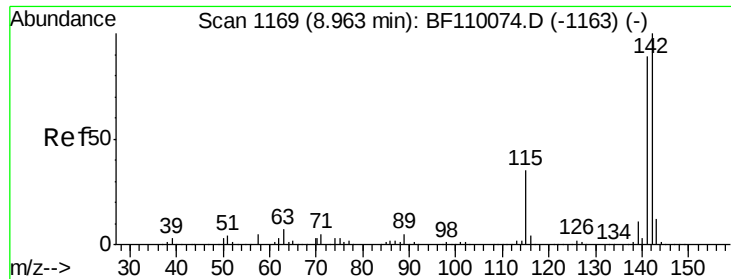
#36
 4-Chloro-3-methylphenol
 Concen: 8.100 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. -0.02 min
 Lab File: BF110085.D
 Acq: 23 Oct 2018 18:47

Tgt Ion:107 Resp: 93741
 Ion Ratio Lower Upper
 107 100
 144 24.9 20.0 30.0
 142 78.3 59.7 89.5



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

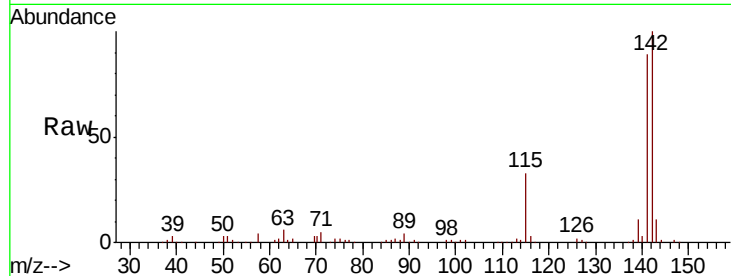




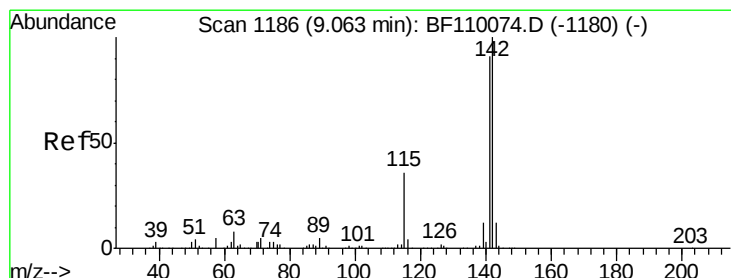
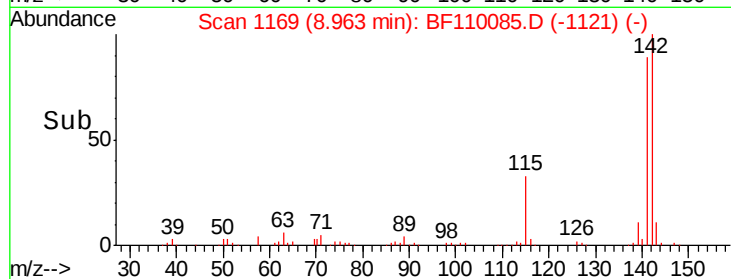
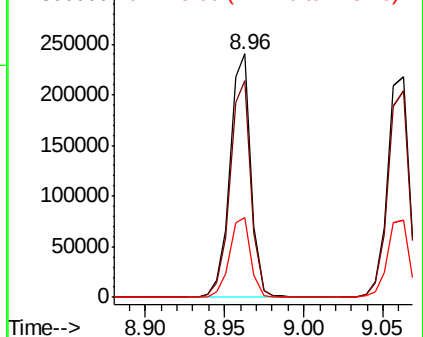
#37
2-Methylnaphthalene
Concen: 9.402 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.02 min
Lab File: BF110085.D
Acq: 23 Oct 2018 18:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 221154
Ion Ratio Lower Upper
142 100
141 89.1 71.4 107.2
115 32.8 28.7 43.1

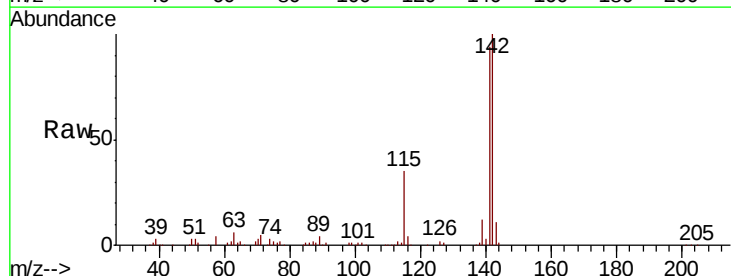


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

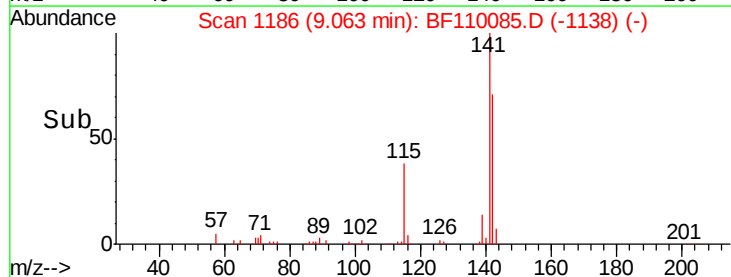
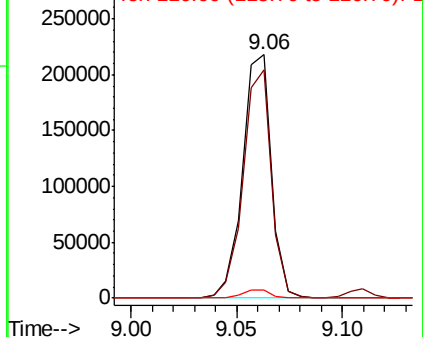


#38
1-Methylnaphthalene
Concen: 9.052 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BF110085.D
Acq: 23 Oct 2018 18:47

Tgt Ion:142 Resp: 205760
Ion Ratio Lower Upper
142 100
141 93.5 74.2 111.4
116 3.5 2.6 4.0



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.02 min

Lab File: BF110085.D

Acq: 23 Oct 2018 18:47

Instrument :

BNA_F

ClientSampleId :

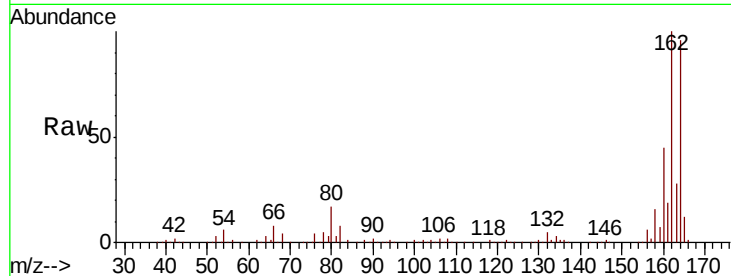
Tot Ion:164 Resp: 378051

Ion Ratio Lower Upper

164 100

162 104.7 83.0 124.6

160 46.7 37.0 55.6

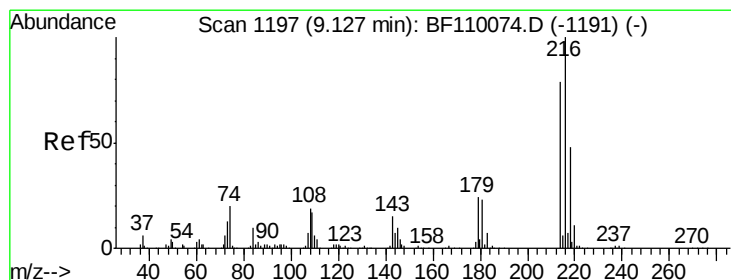
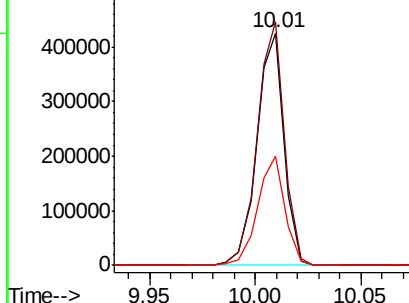
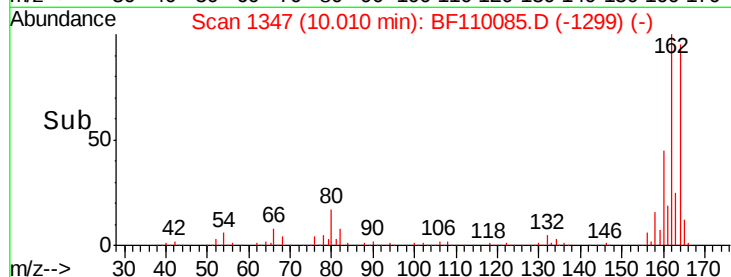


Abundance

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: 7.696 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.02 min

Lab File: BF110085.D

Acq: 23 Oct 2018 18:47

Tgt Ion:216 Resp: 90652

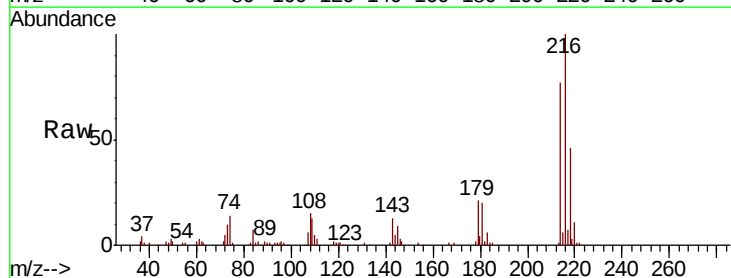
Ion Ratio Lower Upper

216 100

214 79.8 63.8 95.6

179 23.0 16.6 25.0

108 20.1 15.1 22.7



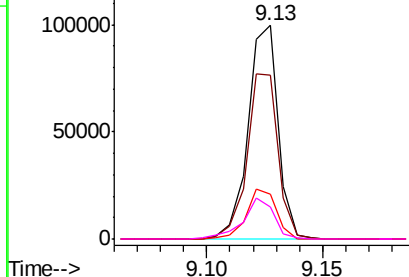
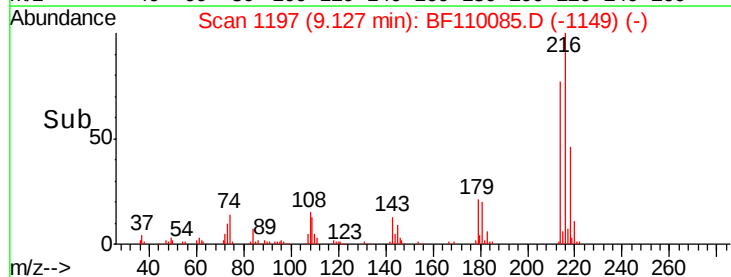
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 7.841 ng

RT: 9.11 min Scan# 1194

Delta R.T. -0.02 min

Lab File: BF110085.D

Acq: 23 Oct 2018 18:47

Instrument :

BNA_F

ClientSampleId :

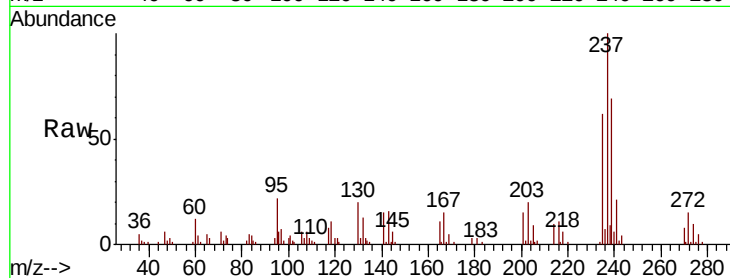
Tot Ion:237 Resp: 47227

Ion Ratio Lower Upper

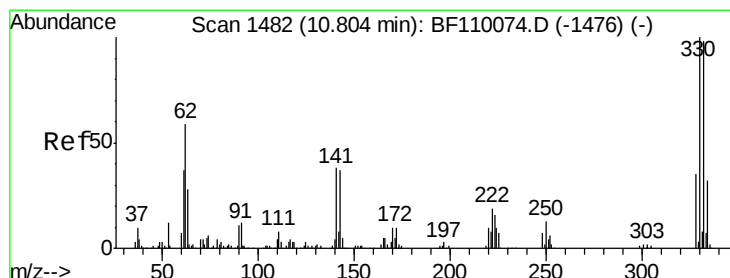
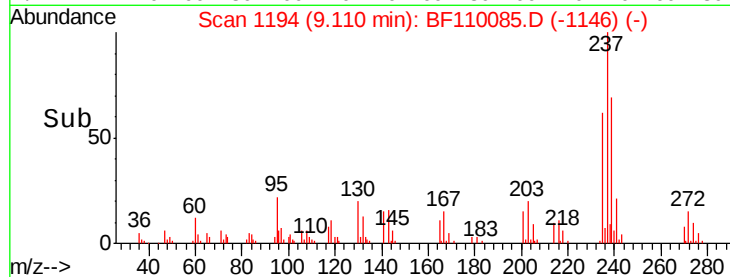
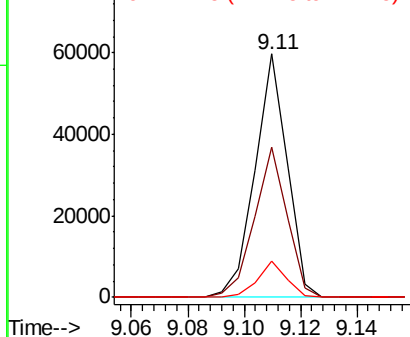
237 100

235 61.6 43.1 83.1

272 14.8 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: 124.556 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110085.D

Acq: 23 Oct 2018 18:47

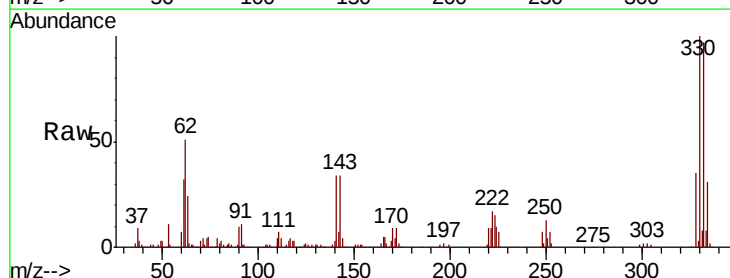
Tgt Ion:330 Resp: 466443

Ion Ratio Lower Upper

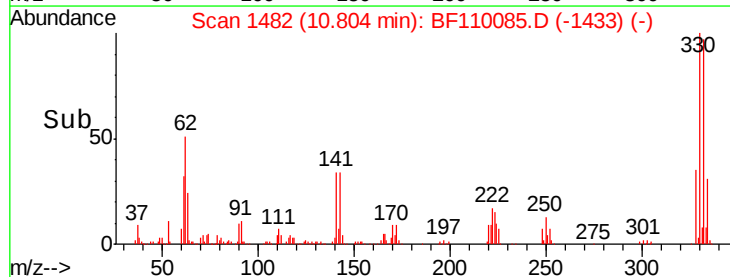
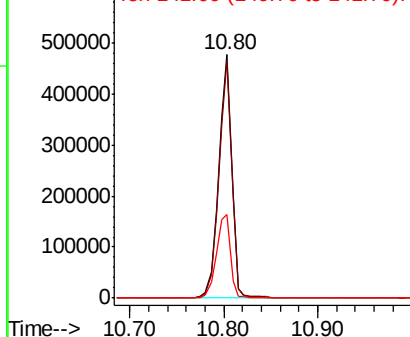
330 100

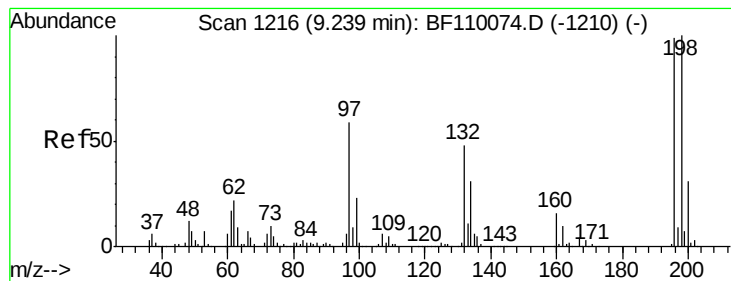
332 96.5 77.1 115.7

141 37.2 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: 7.600 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.02 min

Lab File: BF110085.D

Acq: 23 Oct 2018 18:47

Instrument :

BNA_F

ClientSampled :

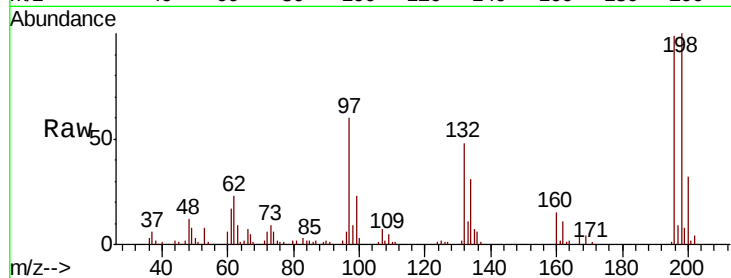
Tot Ion:196 Resp: 57742

Ion Ratio Lower Upper

196 100

198 101.5 76.2 114.4

200 32.8 24.4 36.6

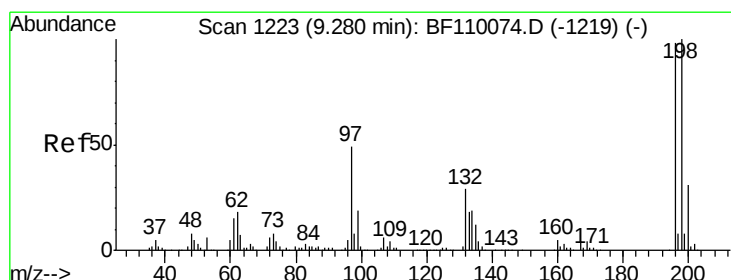
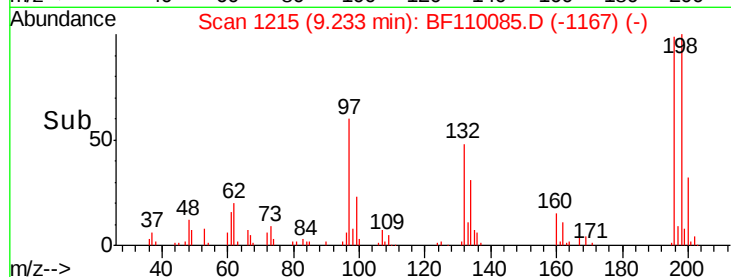
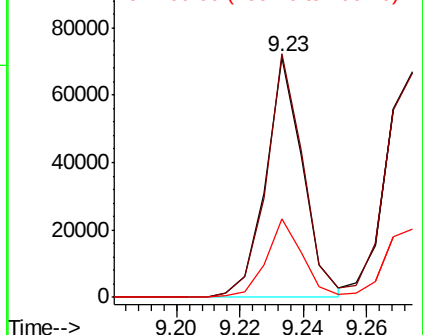


Abundance

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: 7.955 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.02 min

Lab File: BF110085.D

Acq: 23 Oct 2018 18:47

Tgt Ion:196 Resp: 63888

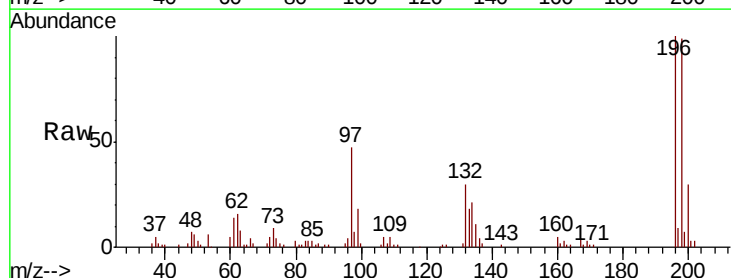
Ion Ratio Lower Upper

196 100

198 99.4 75.8 113.6

97 47.1 42.4 63.6

132 29.8 22.8 34.2



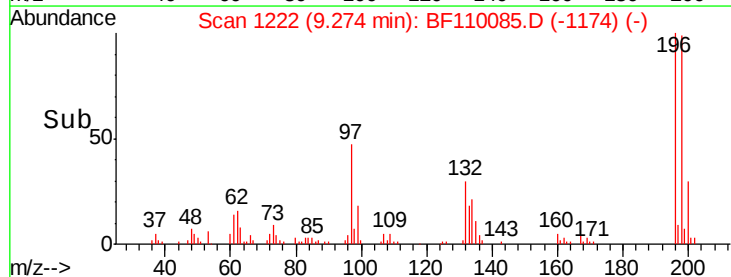
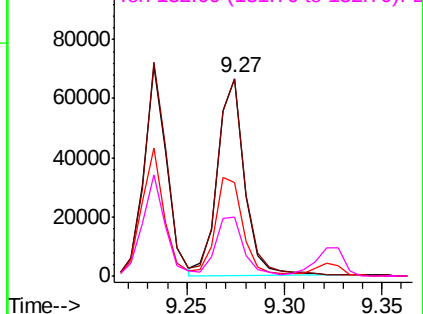
Abundance

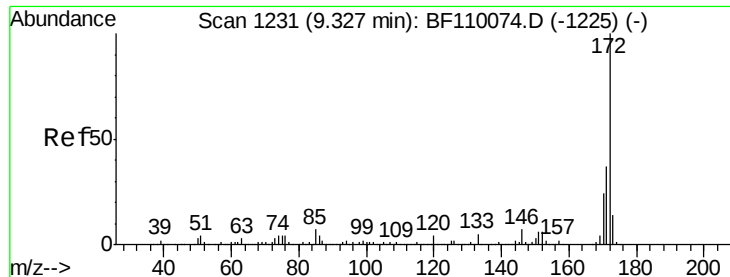
Ion 196.00 (195.70 to 196.70): E

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

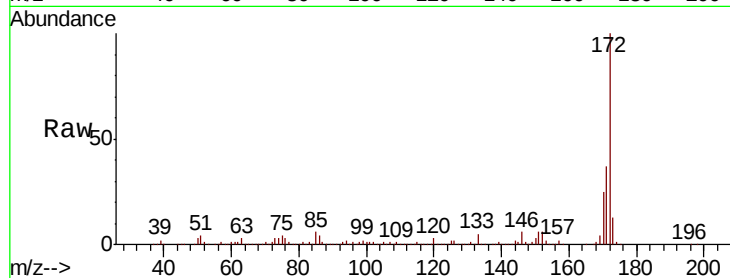




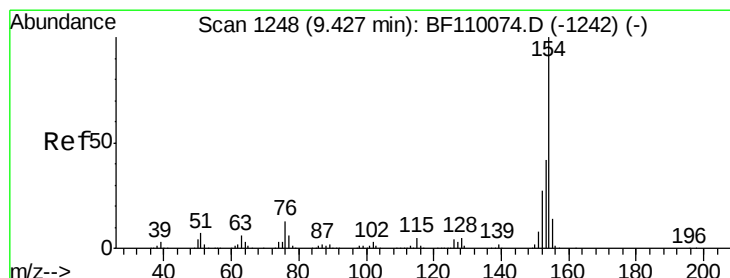
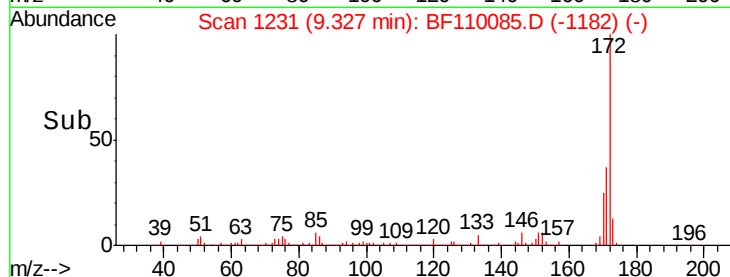
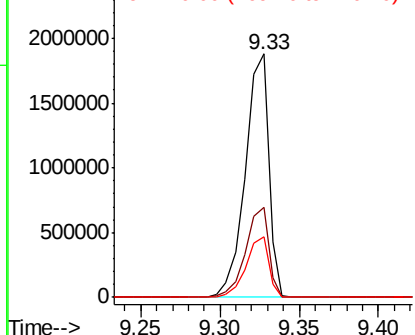
#45
2-Fluorobiphenyl
Concen: 80.062 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110085.D
Acq: 23 Oct 2018 18:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1927546
Ion Ratio Lower Upper
172 100
171 37.2 28.6 43.0
170 25.0 19.7 29.5

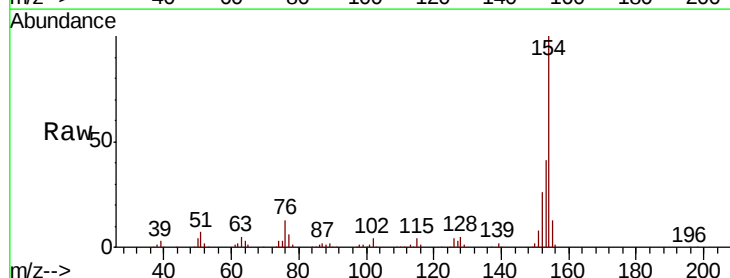


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

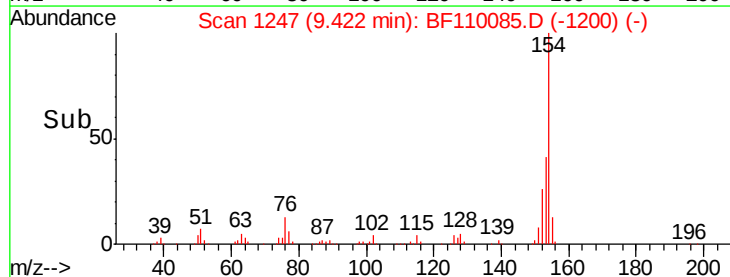
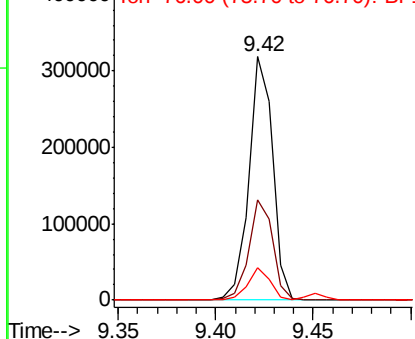


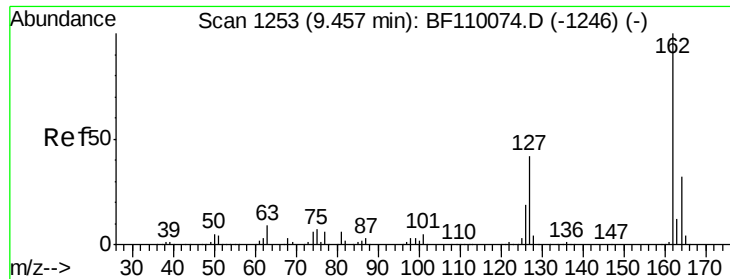
#46
1,1'-Biphenyl
Concen: 7.879 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BF110085.D
Acq: 23 Oct 2018 18:47

Tgt Ion:154 Resp: 269372
Ion Ratio Lower Upper
154 100
153 41.3 20.4 60.4
76 13.2 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

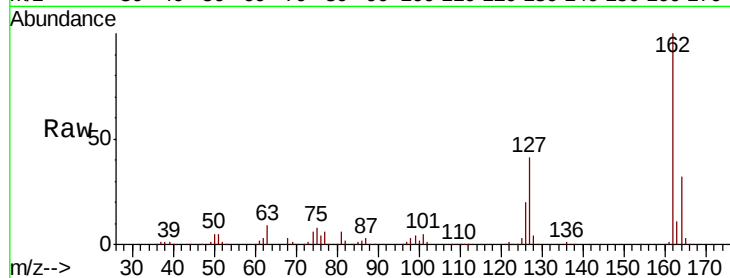




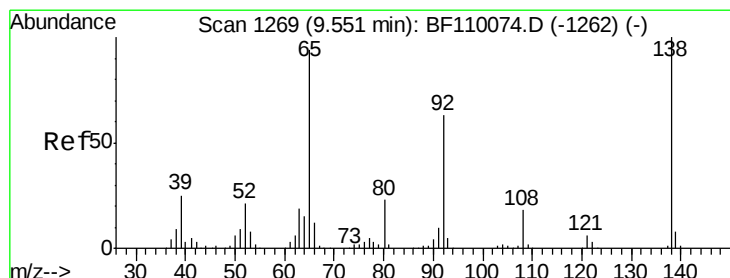
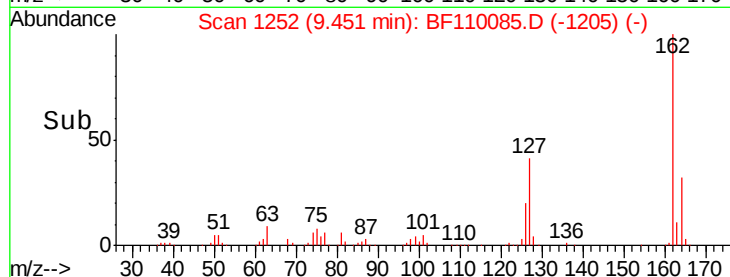
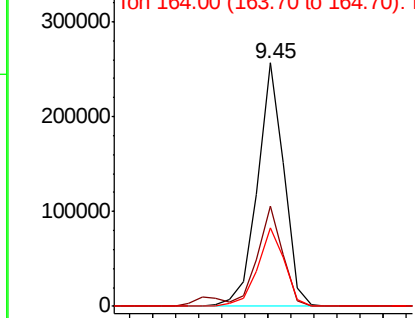
#47
 2-Chloronaphthalene
 Concen: 8.182 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.02 min
 Lab File: BF110085.D
 Acq: 23 Oct 2018 18:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.3	32.6	48.8
164	32.1	25.9	38.9

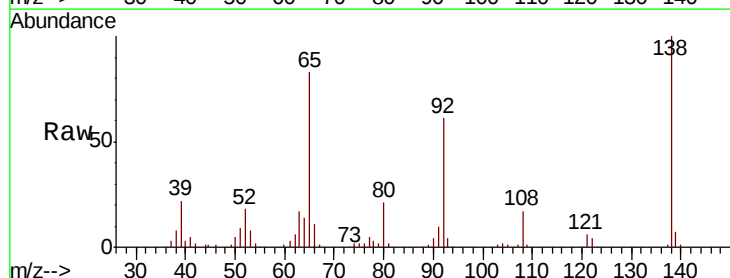


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

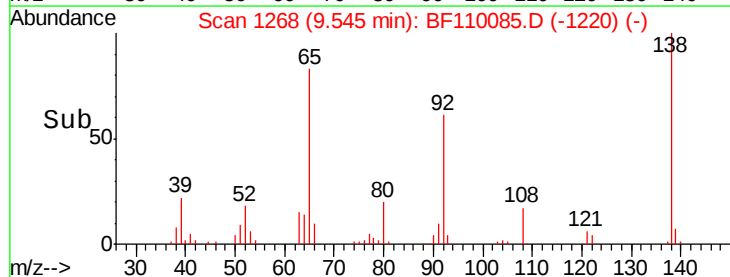
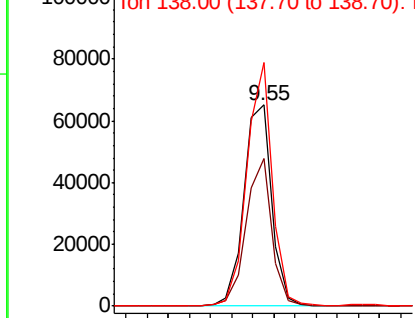


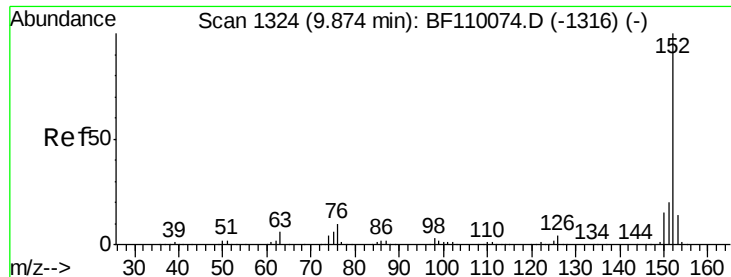
#48
 2-Nitroaniline
 Concen: 7.874 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. -0.02 min
 Lab File: BF110085.D
 Acq: 23 Oct 2018 18:47

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.2	54.6	81.8
138	121.0	80.3	120.5#



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 8.860 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF110085.D

Acq: 23 Oct 2018 18:47

Instrument :

BNA_F

ClientSampled :

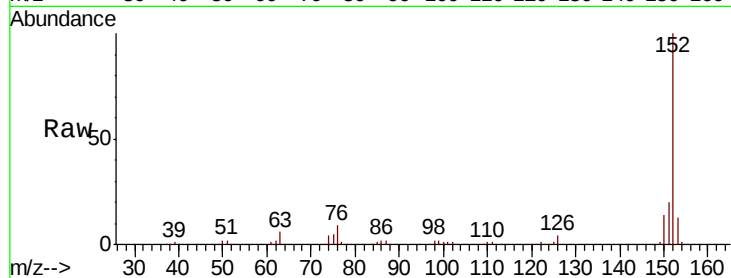
Tot Ion:152 Resp: 320921

Ion Ratio Lower Upper

152 100

151 20.5 15.8 23.8

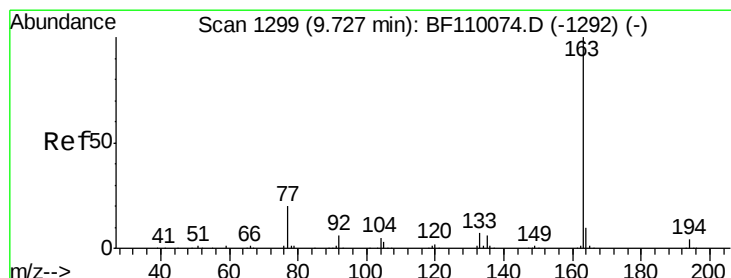
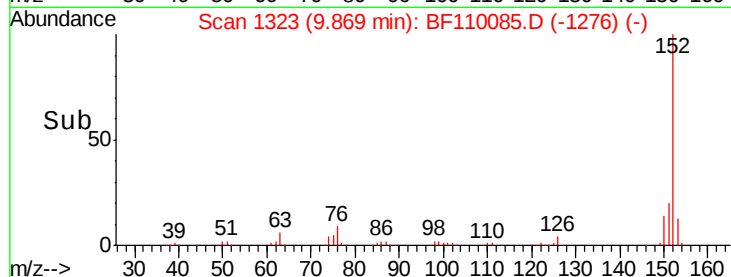
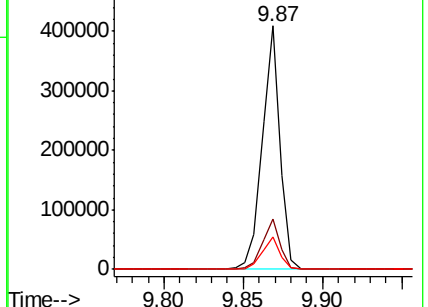
153 13.3 10.4 15.6



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: 8.454 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF110085.D

Acq: 23 Oct 2018 18:47

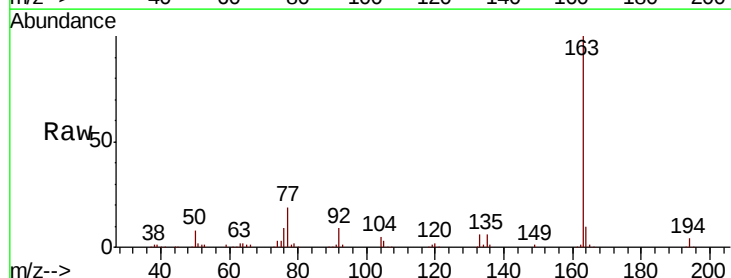
Tgt Ion:163 Resp: 235930

Ion Ratio Lower Upper

163 100

194 3.6 3.2 4.8

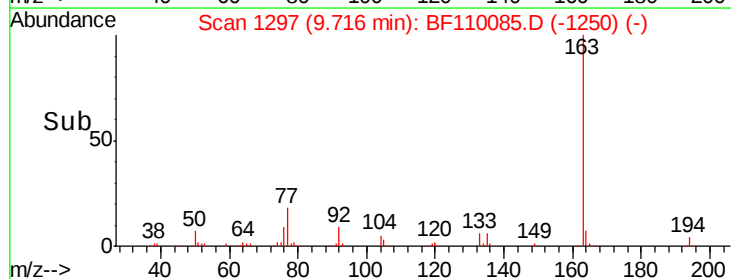
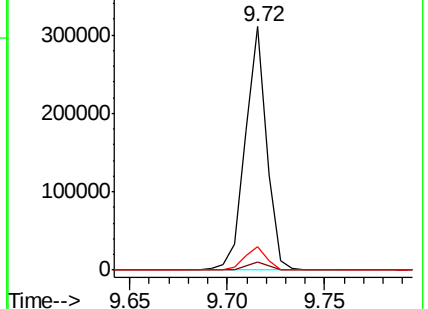
164 9.8 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 8.517 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.02 min

Lab File: BF110085.D

Acq: 23 Oct 2018 18:47

Instrument :

BNA_F

ClientSampled :

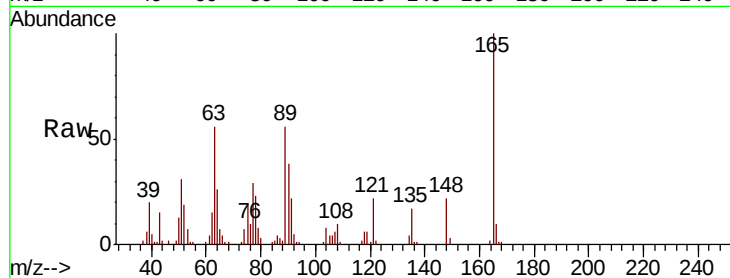
Tot Ion:165 Resp: 51199

Ion Ratio Lower Upper

165 100

63 55.7 48.9 73.3

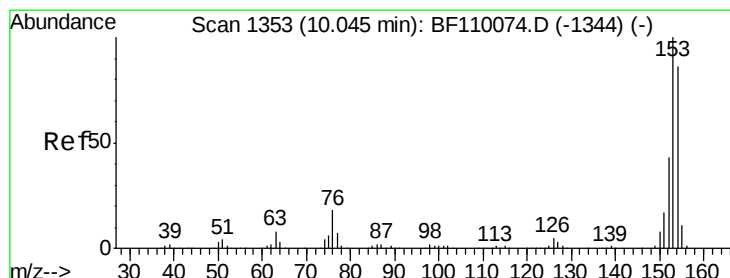
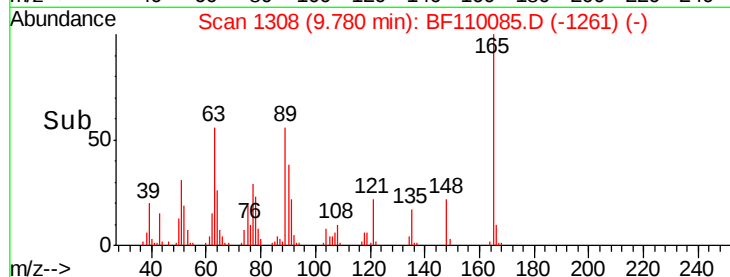
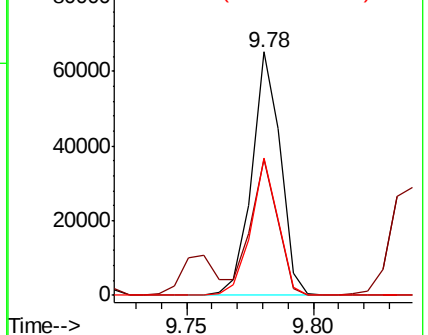
89 56.3 46.6 69.8



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: 8.493 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.02 min

Lab File: BF110085.D

Acq: 23 Oct 2018 18:47

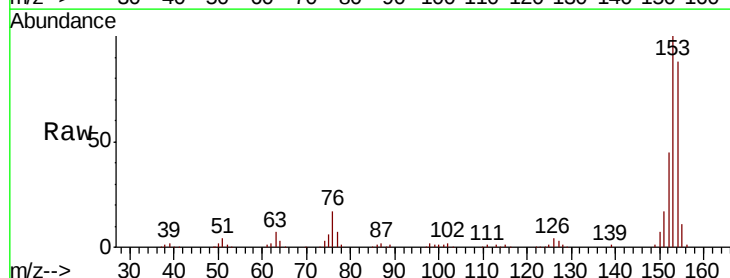
Tgt Ion:154 Resp: 203507

Ion Ratio Lower Upper

154 100

153 113.8 90.1 135.1

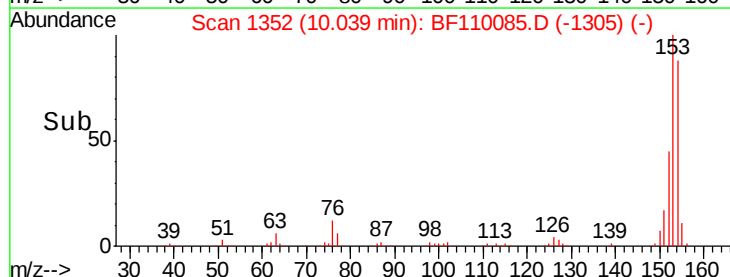
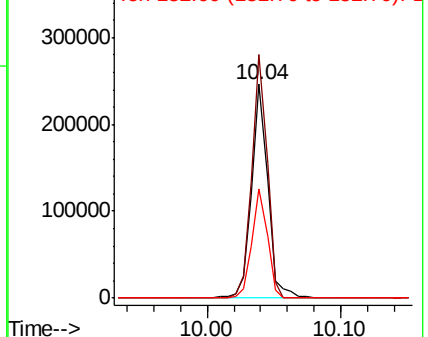
152 51.3 43.4 65.2

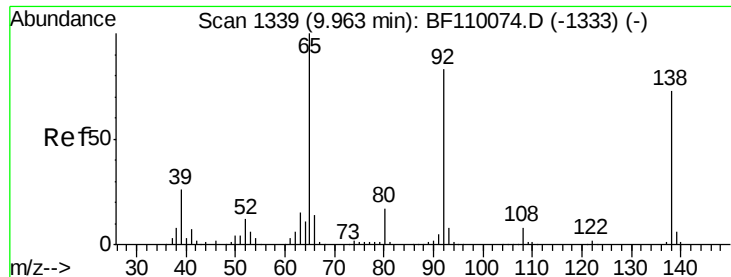


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

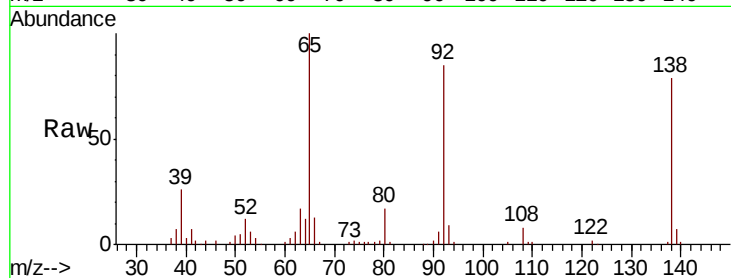




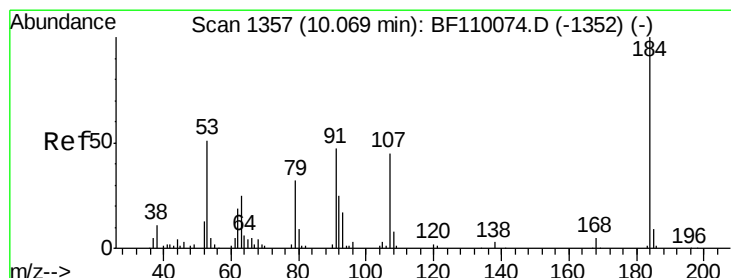
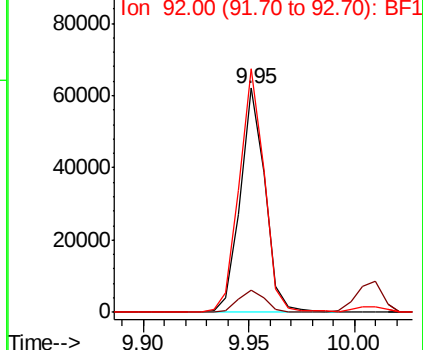
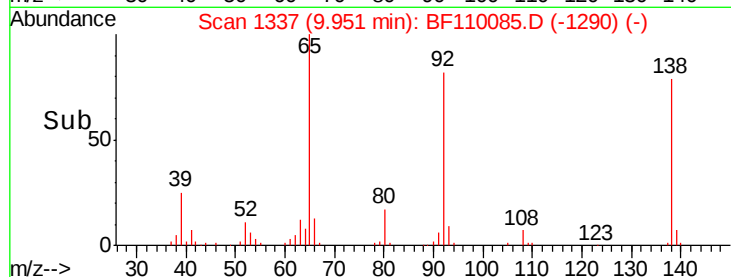
#53
3-Nitroaniline
Concen: 7.008 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF110085.D
Acq: 23 Oct 2018 18:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 50095
Ion Ratio Lower Upper
138 100
108 10.0 8.7 13.1
92 108.7 97.0 145.4

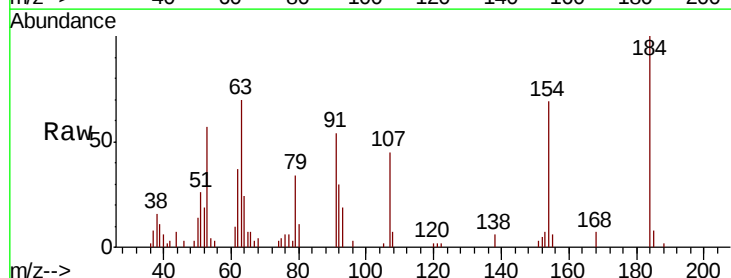


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

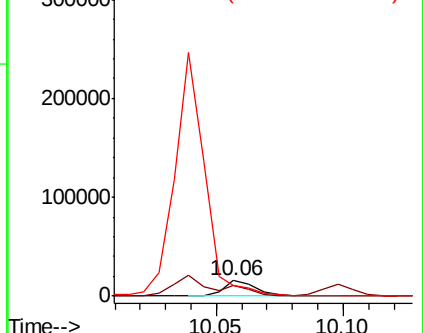
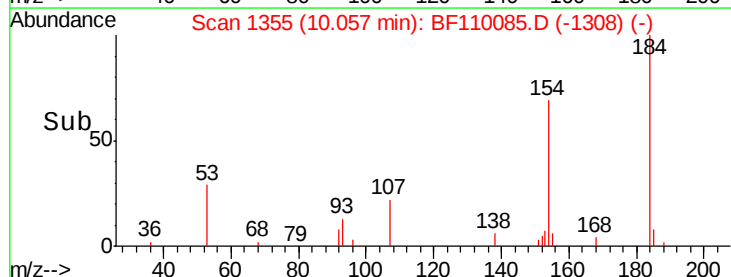


#54
2,4-Dinitrophenol
Concen: 10.395 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.02 min
Lab File: BF110085.D
Acq: 23 Oct 2018 18:47

Tgt Ion:184 Resp: 13315
Ion Ratio Lower Upper
184 100
63 70.1 55.8 83.6
154 69.3 63.2 94.8



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





#55

Dibenzofuran

Concen: 8.497 ng

RT: 10.21 min Scan# 1381

Delta R.T. -0.02 min

Lab File: BF110085.D

Acq: 23 Oct 2018 18:47

Instrument :

BNA_F

ClientSampleId :

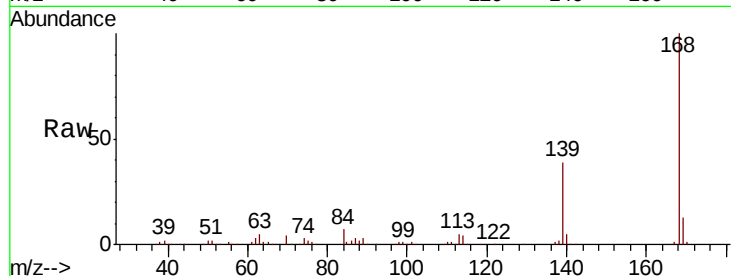
Tot Ion:168 Resp: 285042

Ion Ratio Lower Upper

168 100

139 39.2 33.0 49.6

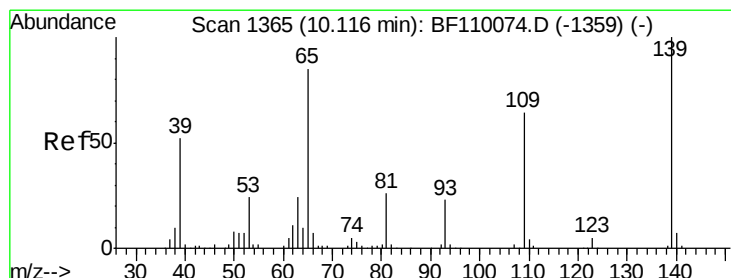
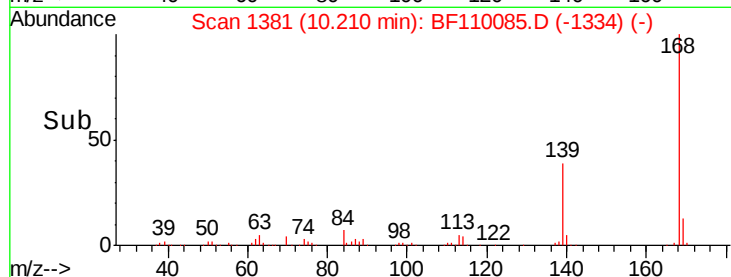
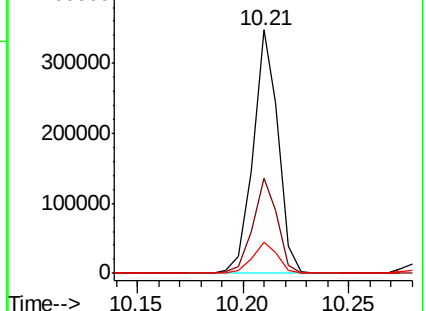
169 12.9 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 8.070 ng

RT: 10.10 min Scan# 1362

Delta R.T. -0.02 min

Lab File: BF110085.D

Acq: 23 Oct 2018 18:47

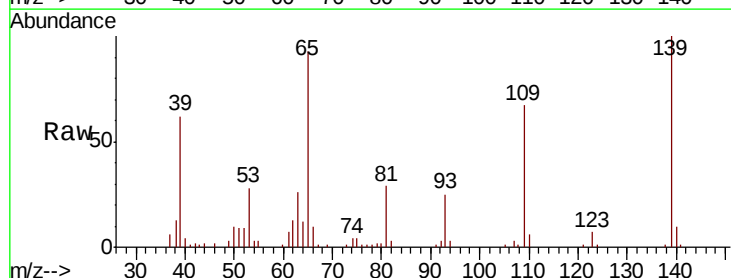
Tgt Ion:139 Resp: 42696

Ion Ratio Lower Upper

139 100

109 66.8 55.8 95.8

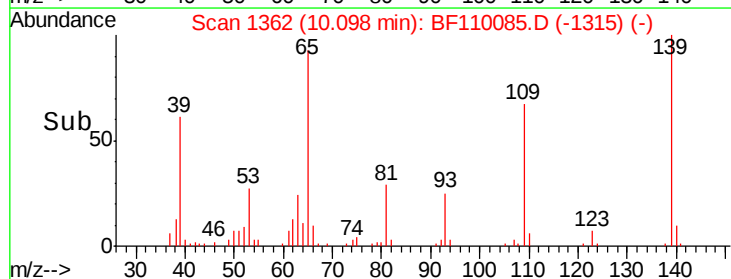
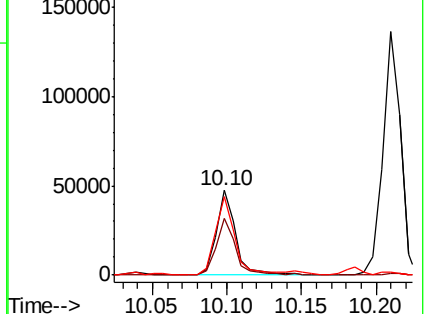
65 92.7 77.9 117.9



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

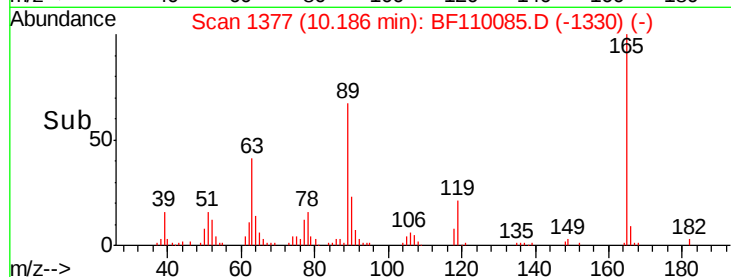
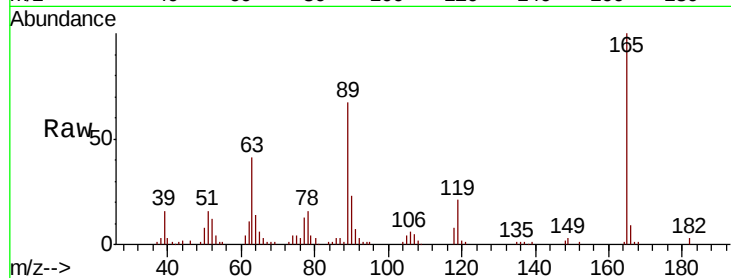




#57
2,4-Dinitrotoluene
Concen: 8.569 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BF110085.D
Acq: 23 Oct 2018 18:47

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.5	44.8	67.2#
89	67.0	62.2	93.4
182	2.8	2.1	3.1

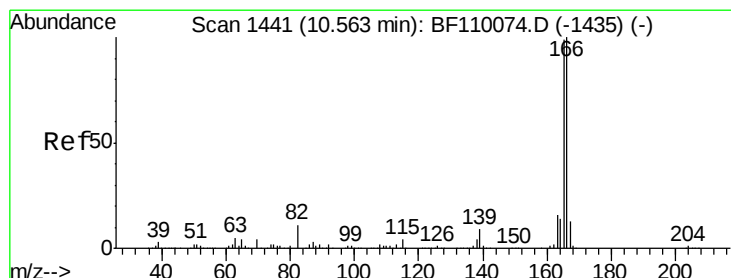
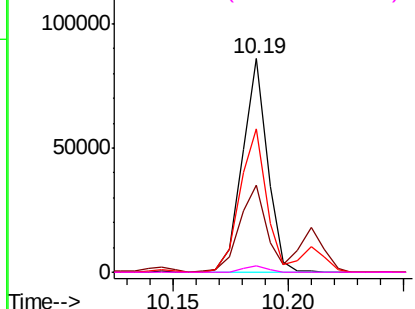


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

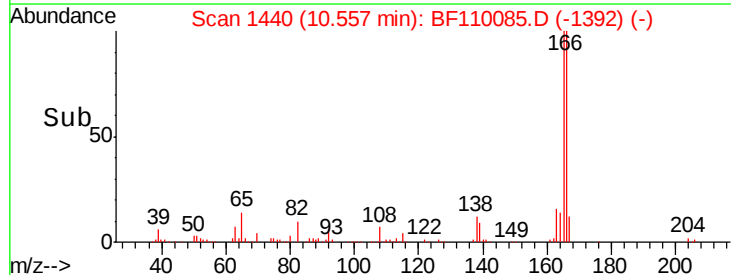
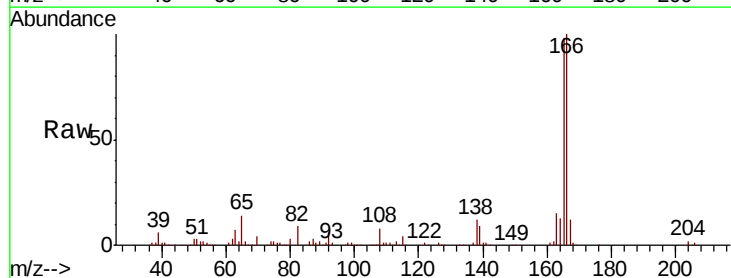
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 9.146 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.02 min
Lab File: BF110085.D
Acq: 23 Oct 2018 18:47

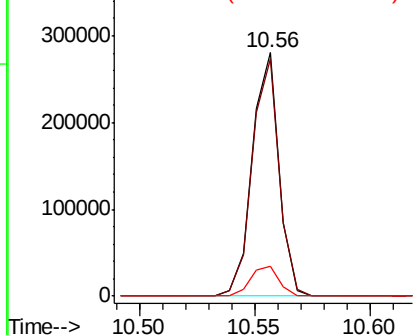
Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.6	117.8
167	12.5	10.8	16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 7.343 ng

RT: 10.28 min Scan# 1393

Delta R.T. -0.07 min

Lab File: BF110085.D

Acq: 23 Oct 2018 18:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 48066

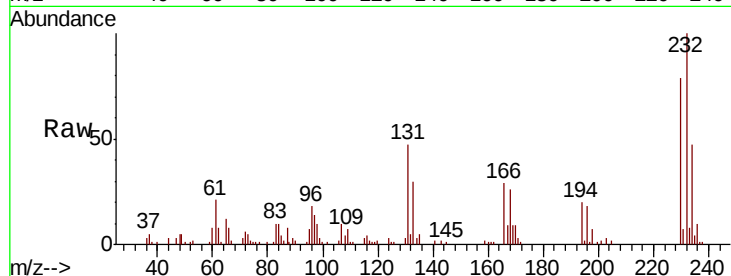
Ion Ratio Lower Upper

232 100

131 44.1 37.0 55.4

130 2.2 1.8 2.6

166 27.7 22.0 33.0

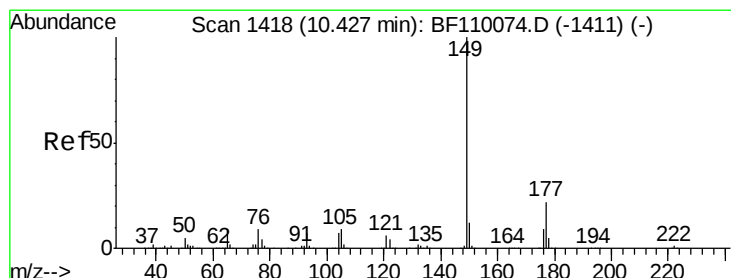
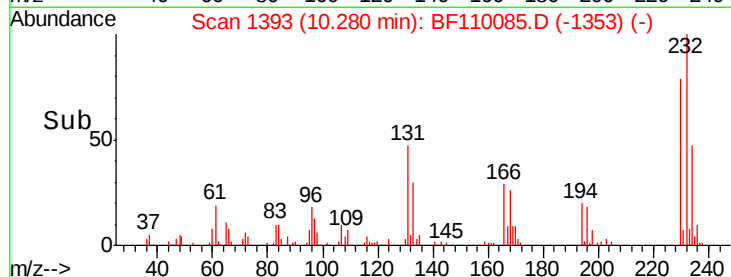
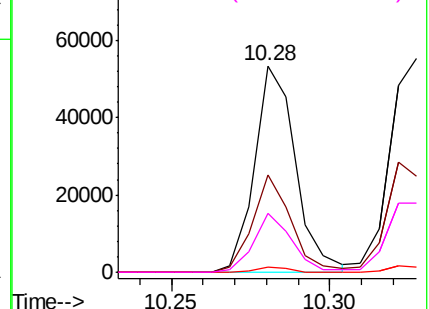


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 8.481 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.02 min

Lab File: BF110085.D

Acq: 23 Oct 2018 18:47

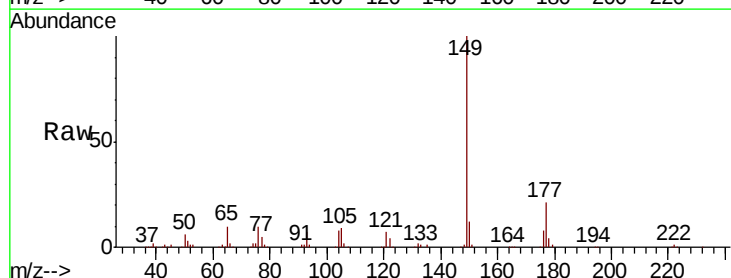
Tgt Ion:149 Resp: 231042

Ion Ratio Lower Upper

149 100

177 21.1 17.4 26.2

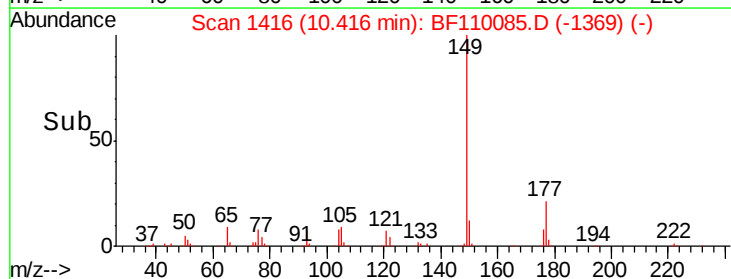
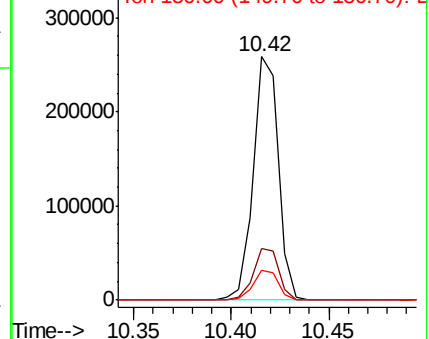
150 12.0 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

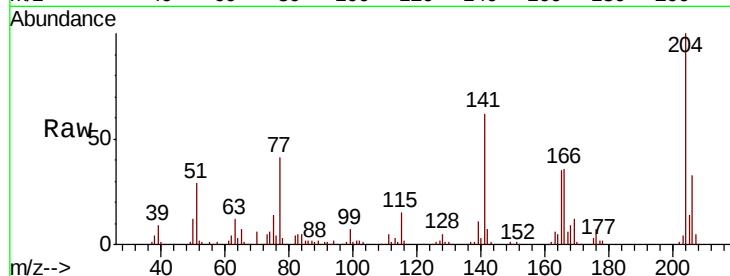




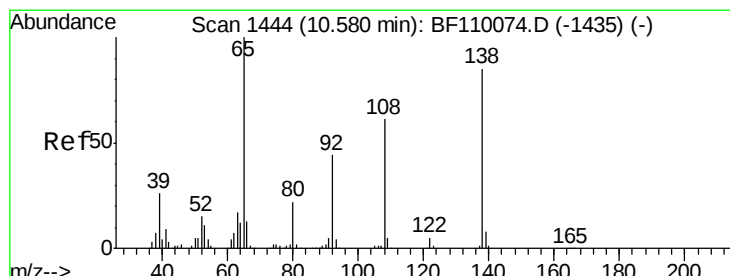
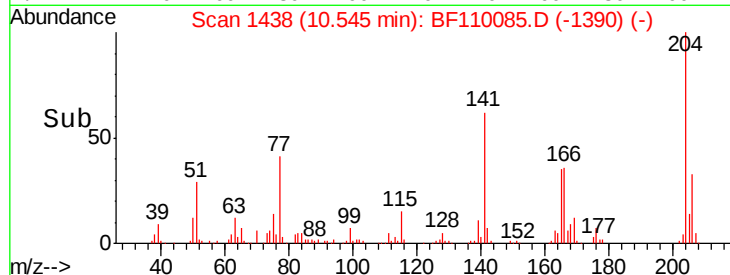
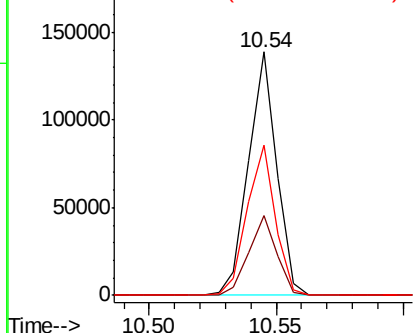
#61
 4-Chlorophenyl-phenylether
 Concen: 8.165 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.02 min
 Lab File: BF110085.D
 Acq: 23 Oct 2018 18:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:204 Resp: 107548
 Ion Ratio Lower Upper
 204 100
 206 32.8 26.5 39.7
 141 61.7 51.8 77.8

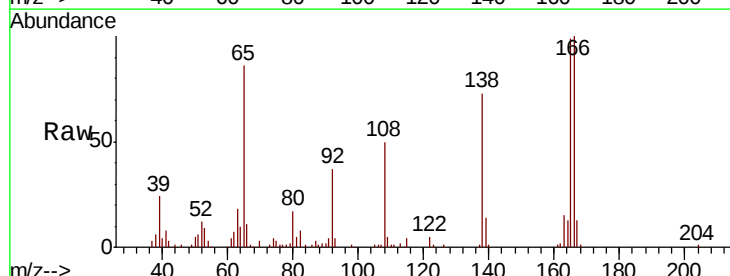


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

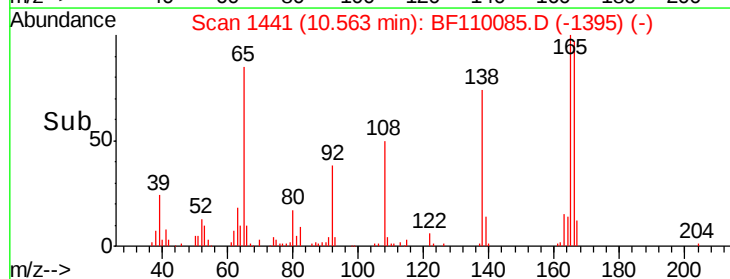
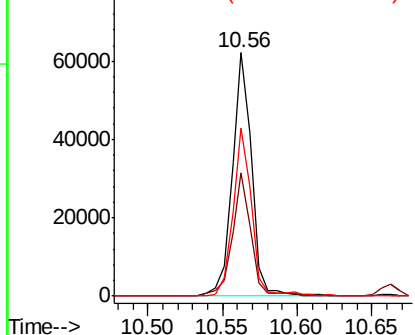


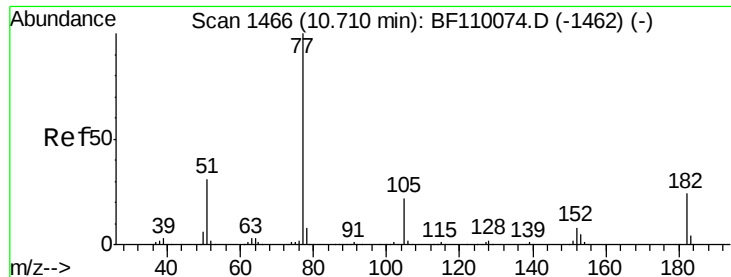
#62
 4-Nitroaniline
 Concen: 7.988 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.03 min
 Lab File: BF110085.D
 Acq: 23 Oct 2018 18:47

Tgt Ion:138 Resp: 56794
 Ion Ratio Lower Upper
 138 100
 92 50.8 31.7 71.7
 108 68.8 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: 8.614 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.02 min

Lab File: BF110085.D

Acq: 23 Oct 2018 18:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 232923

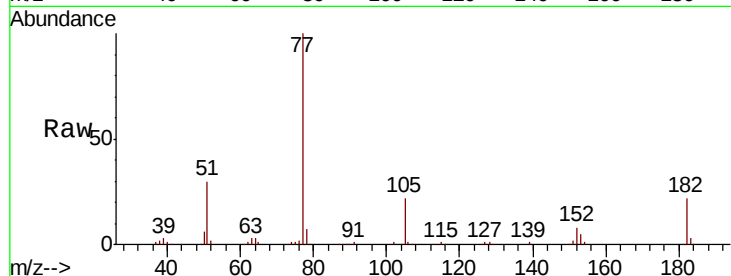
Ion Ratio Lower Upper

77 100

182 22.3 4.3 44.3

105 21.7 1.3 41.3

51 30.3 9.0 49.0

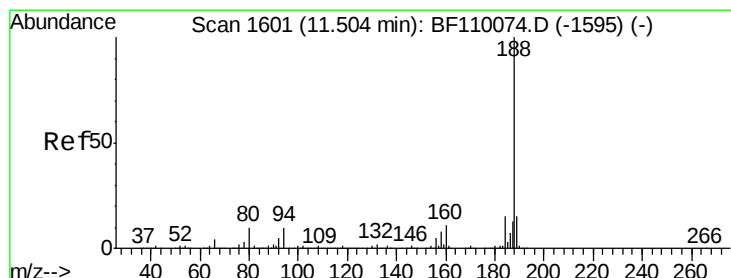
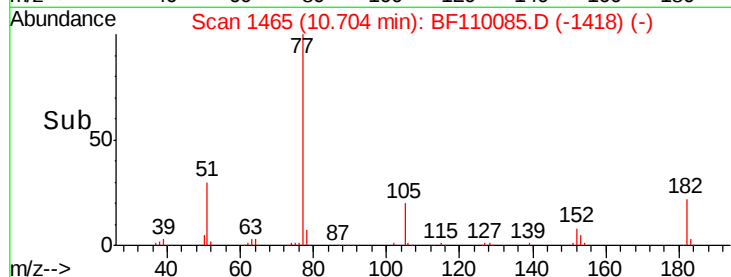
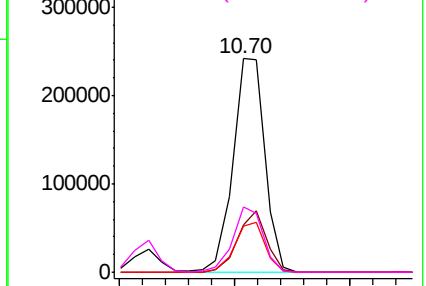


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1600

Delta R.T. -0.02 min

Lab File: BF110085.D

Acq: 23 Oct 2018 18:47

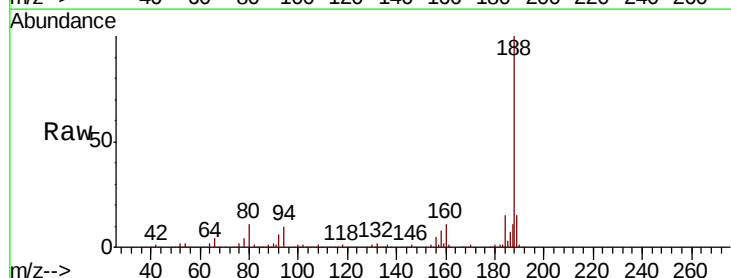
Tgt Ion: 188 Resp: 727030

Ion Ratio Lower Upper

188 100

94 10.1 7.2 10.8

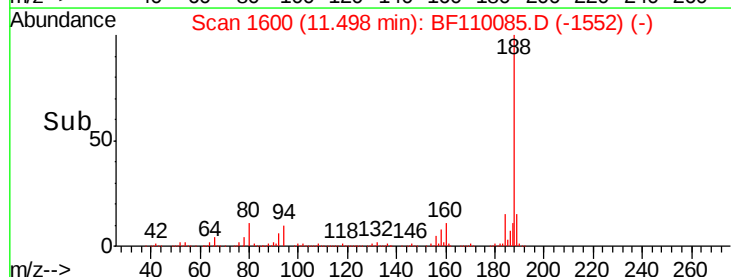
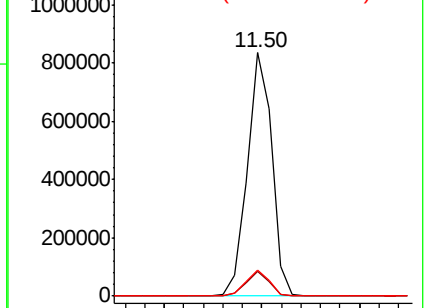
80 10.8 7.9 11.9

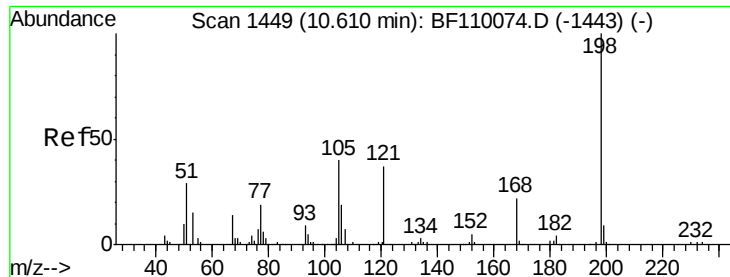


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

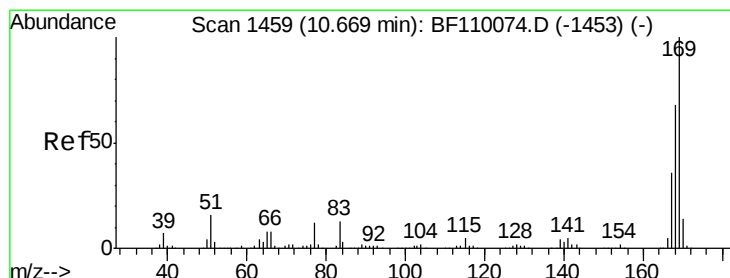
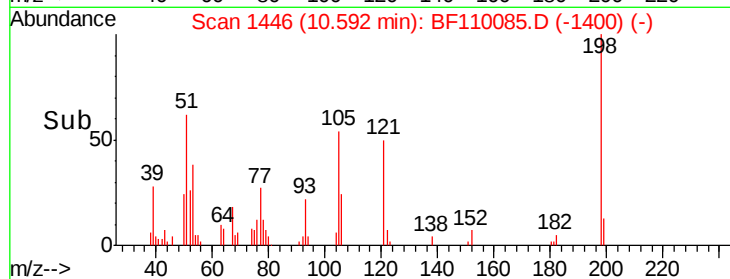
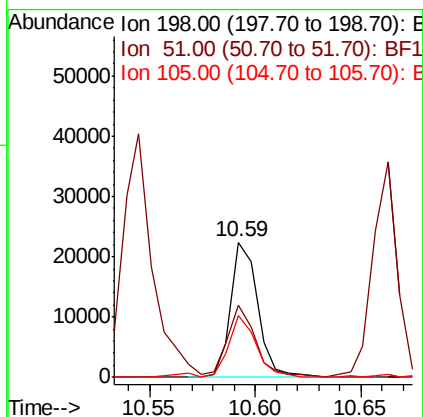
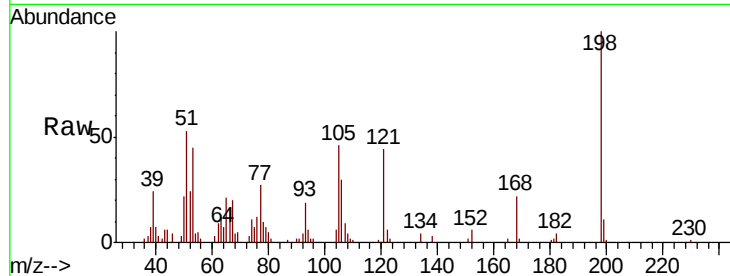




#65
4,6-Dinitro-2-methylphenol
Concen: 5.973 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.03 min
Lab File: BF110085.D
Acq: 23 Oct 2018 18:47

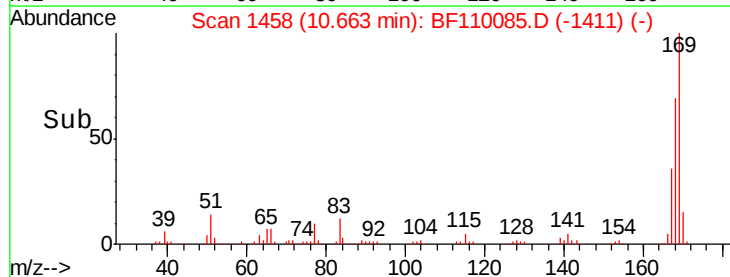
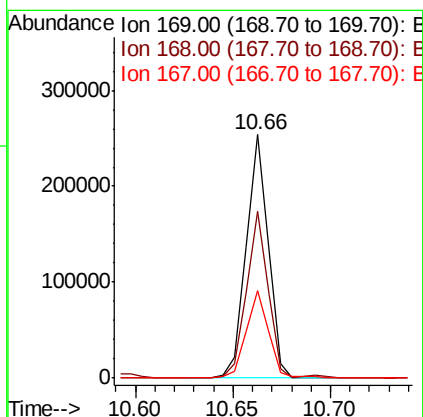
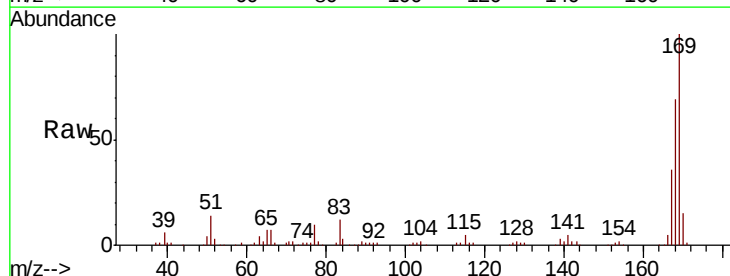
Instrument :
BNA_F
ClientSampleId :

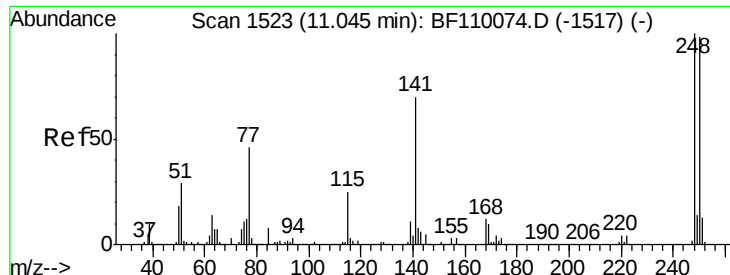
Tot Ion:198 Resp: 19839
Ion Ratio Lower Upper
198 100
51 53.2 22.8 62.8
105 46.3 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 8.385 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BF110085.D
Acq: 23 Oct 2018 18:47

Tgt Ion:169 Resp: 199957
Ion Ratio Lower Upper
169 100
168 68.7 51.2 76.8
167 36.2 27.8 41.6

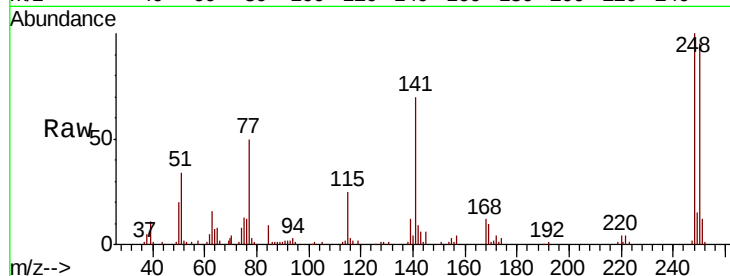




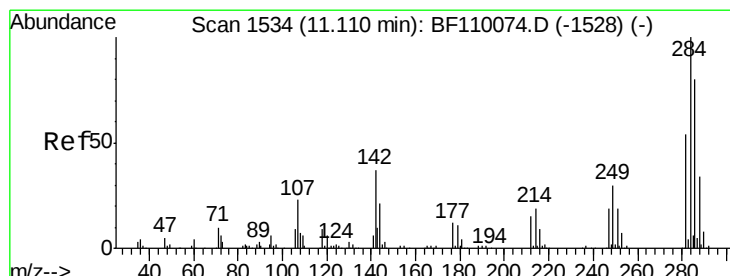
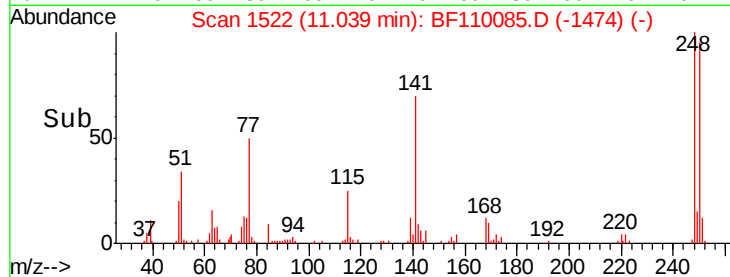
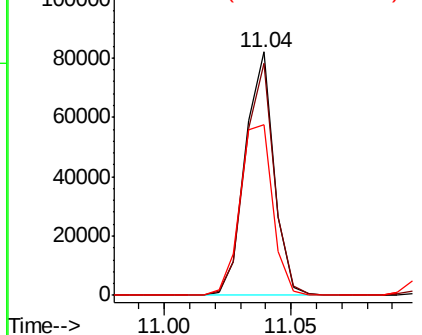
#67
4-Bromophenyl-phenylether
Concen: 8.215 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.02 min
Lab File: BF110085.D
Acq: 23 Oct 2018 18:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 64787
Ion Ratio Lower Upper
248 100
250 95.5 79.4 119.2
141 70.3 55.9 83.9

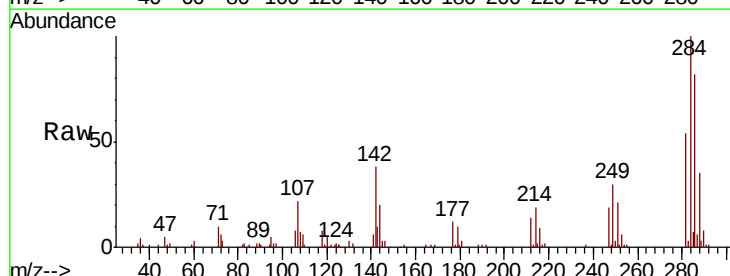


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

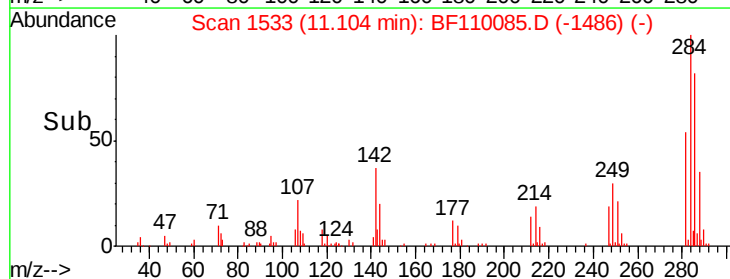
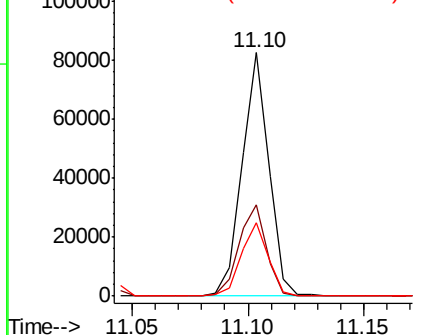


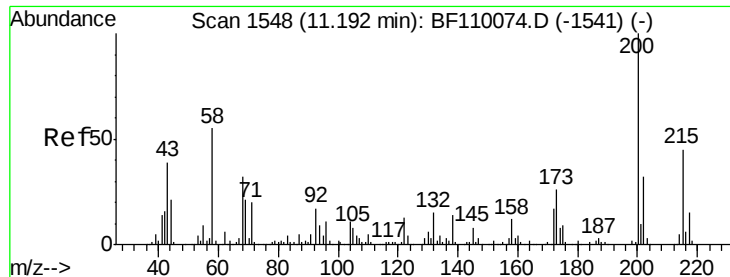
#68
Hexachlorobenzene
Concen: 7.985 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.02 min
Lab File: BF110085.D
Acq: 23 Oct 2018 18:47

Tgt Ion:284 Resp: 66814
Ion Ratio Lower Upper
284 100
142 37.6 23.9 35.9#
249 30.3 24.2 36.2



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

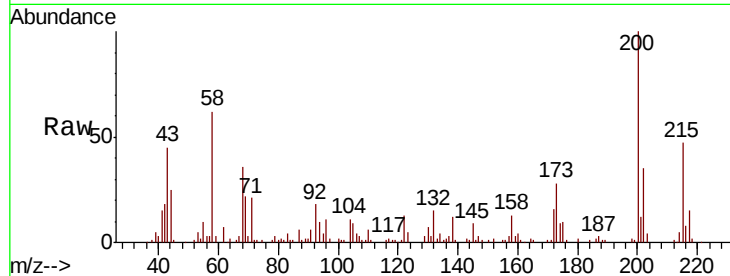




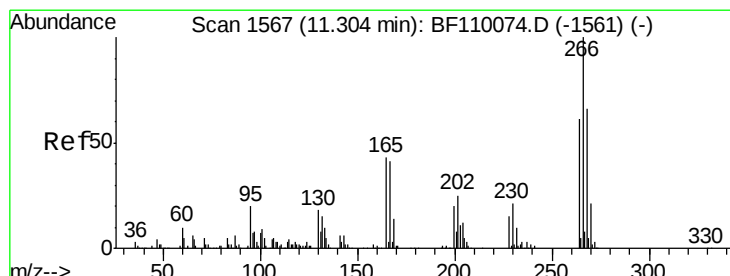
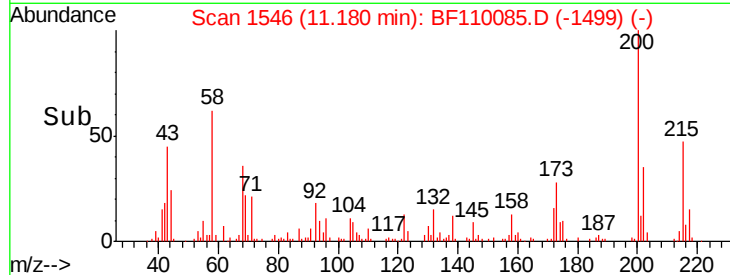
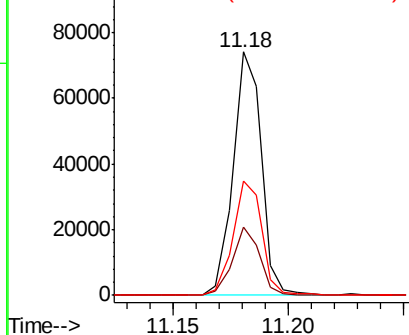
#69
 Atrazine
 Concen: 8.384 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. -0.02 min
 Lab File: BF110085.D
 Acq: 23 Oct 2018 18:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.2	6.6	46.6
215	46.8	26.3	66.3

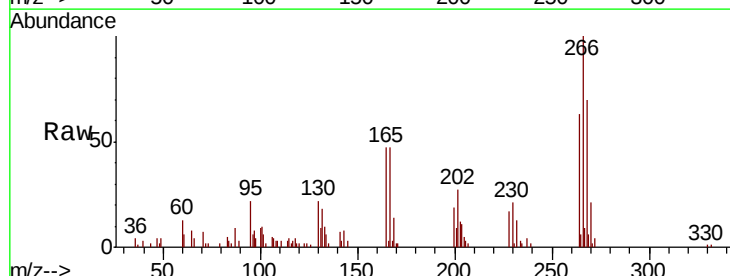


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

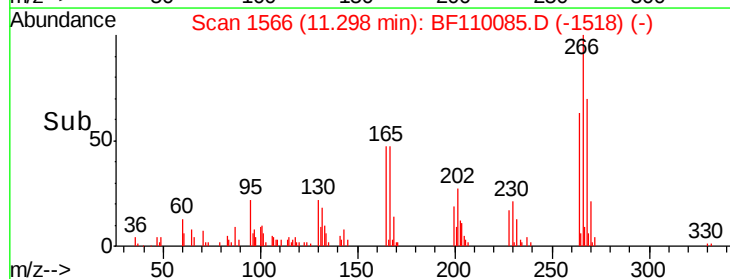
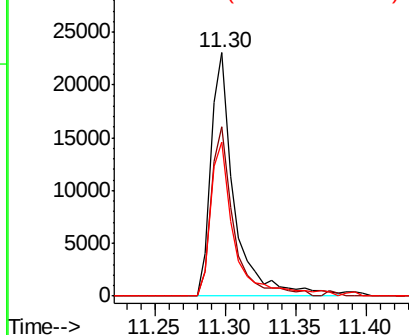


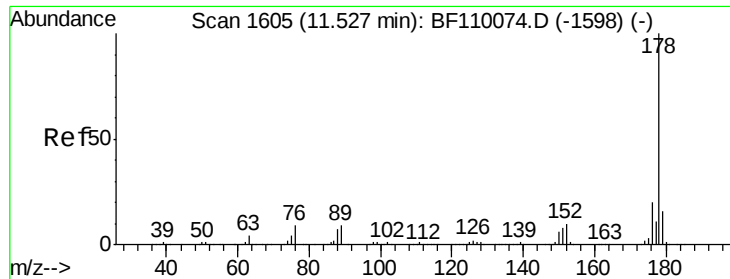
#70
 Pentachlorophenol
 Concen: 5.452 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.02 min
 Lab File: BF110085.D
 Acq: 23 Oct 2018 18:47

Tgt Ion	Ratio	Lower	Upper
266	100		
268	69.6	50.6	75.8
264	63.4	50.6	75.8



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

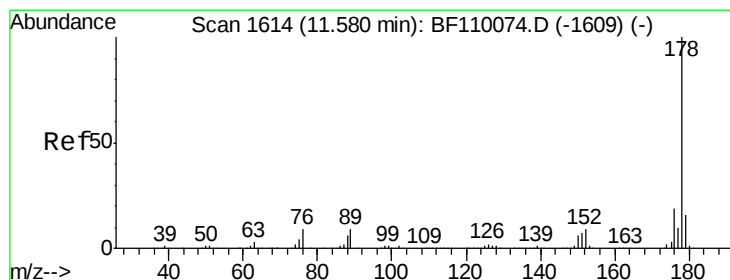
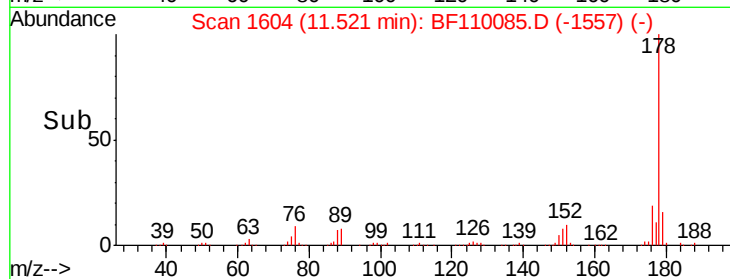
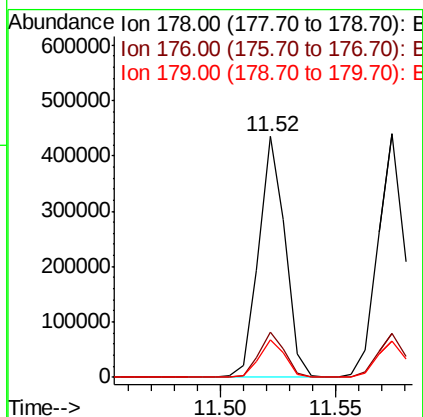
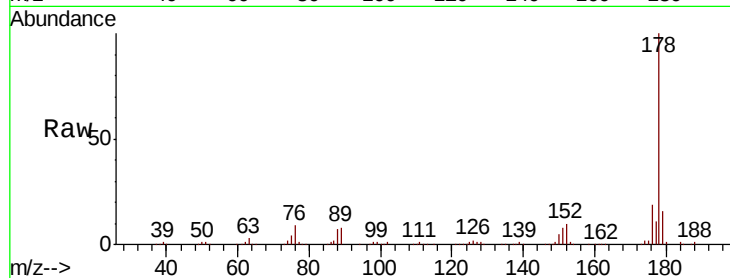




#71
Phenanthrene
Concen: 9.137 ng
RT: 11.52 min Scan# 1604
Delta R.T. -0.02 min
Lab File: BF110085.D
Acq: 23 Oct 2018 18:47

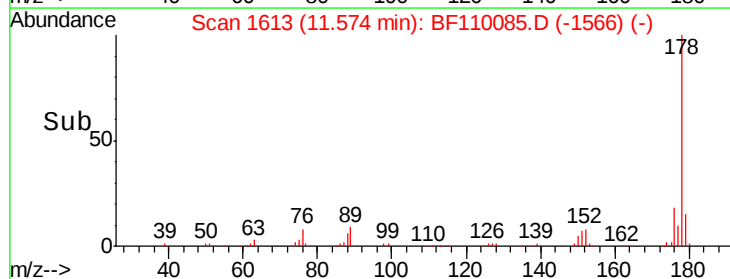
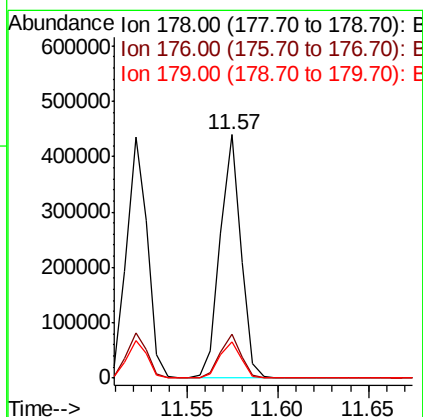
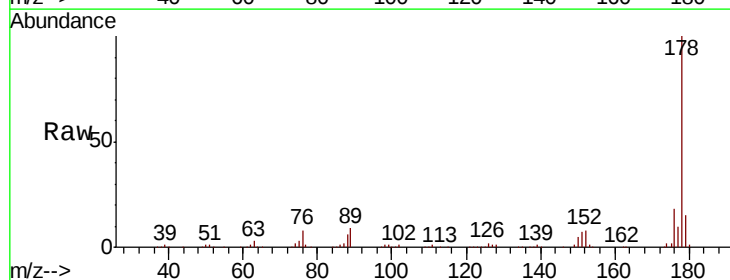
Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 347585
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 15.5 12.5 18.7



#72
Anthracene
Concen: 9.262 ng
RT: 11.57 min Scan# 1613
Delta R.T. -0.02 min
Lab File: BF110085.D
Acq: 23 Oct 2018 18:47

Tgt Ion:178 Resp: 353169
Ion Ratio Lower Upper
178 100
176 18.2 15.4 23.2
179 15.1 12.6 18.8

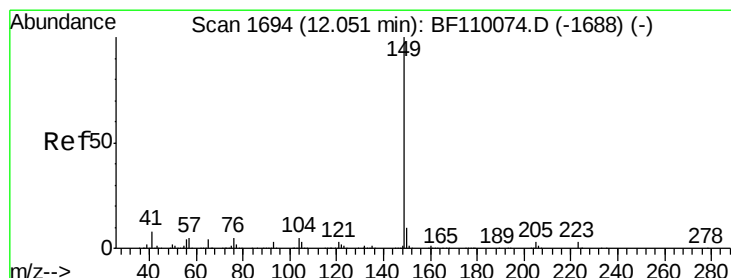
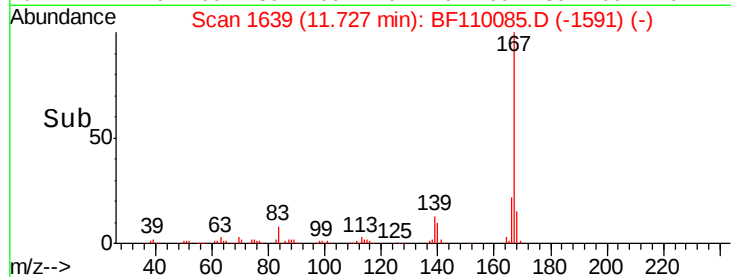
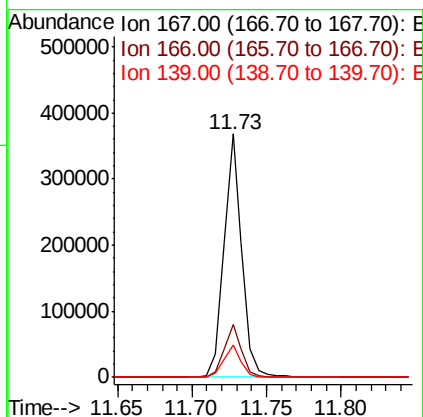
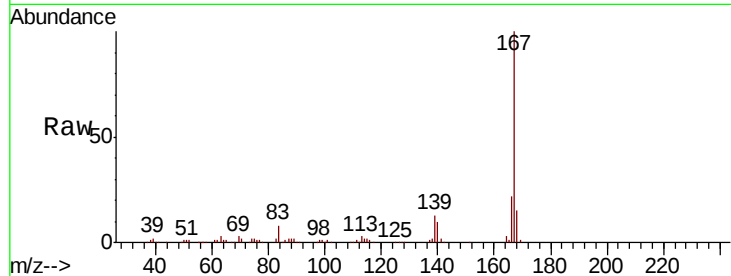




#73
 Carbazole
 Concen: 8.340 ng
 RT: 11.73 min Scan# 1639
 Delta R.T. -0.02 min
 Lab File: BF110085.D
 Acq: 23 Oct 2018 18:47

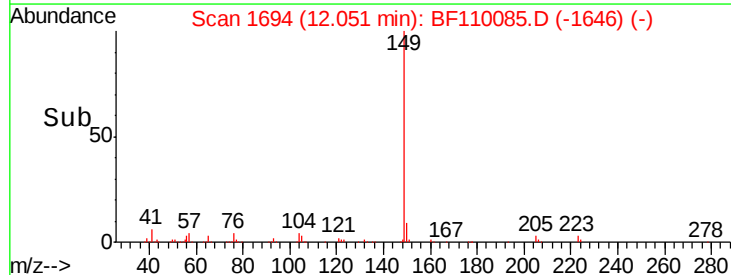
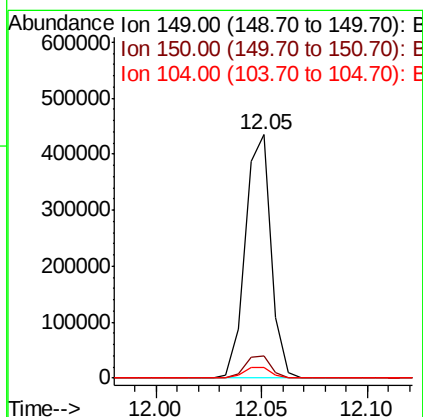
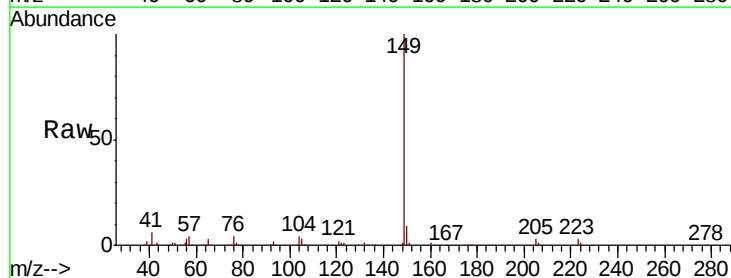
Instrument :
 BNA_F
 ClientSampleId :

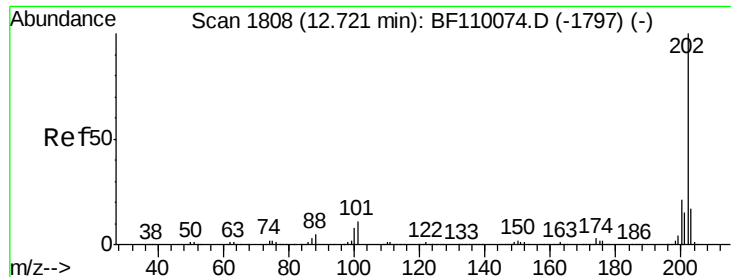
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.0
139	13.1	10.9	16.3



#74
 Di-n-butylphthalate
 Concen: 8.687 ng
 RT: 12.05 min Scan# 1694
 Delta R.T. -0.02 min
 Lab File: BF110085.D
 Acq: 23 Oct 2018 18:47

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.7	11.5
104	4.5	4.2	6.4

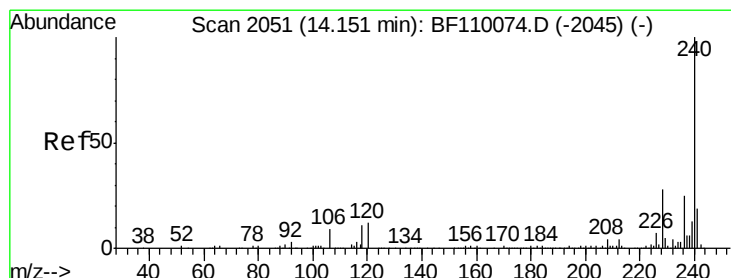
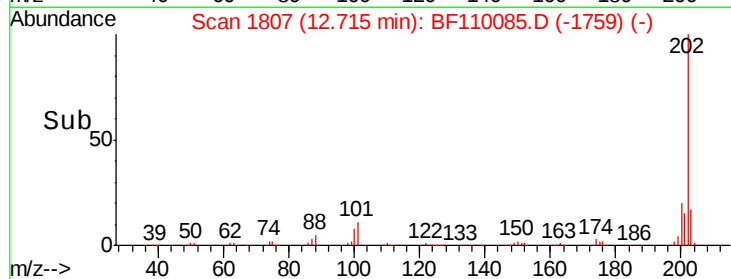
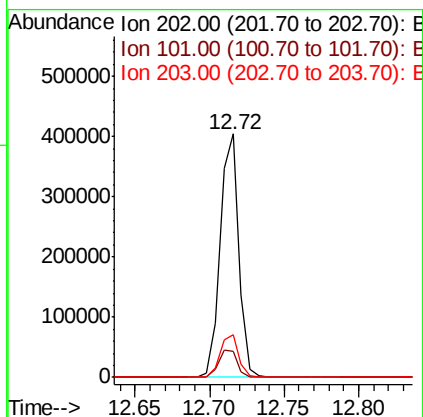
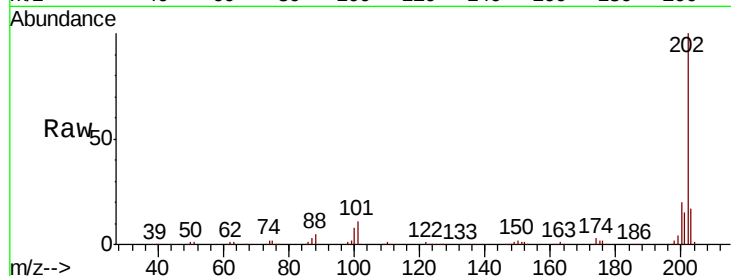




#75
 Fluoranthene
 Concen: 9.173 ng
 RT: 12.72 min Scan# 1807
 Delta R.T. -0.02 min
 Lab File: BF110085.D
 Acq: 23 Oct 2018 18:47

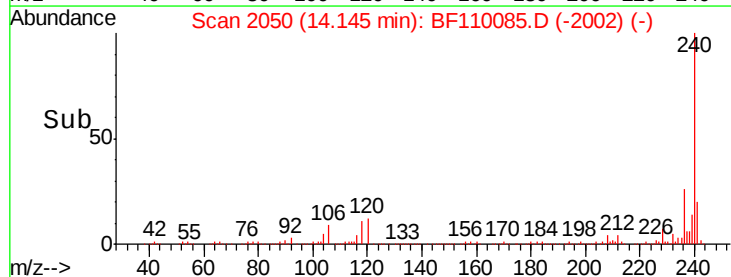
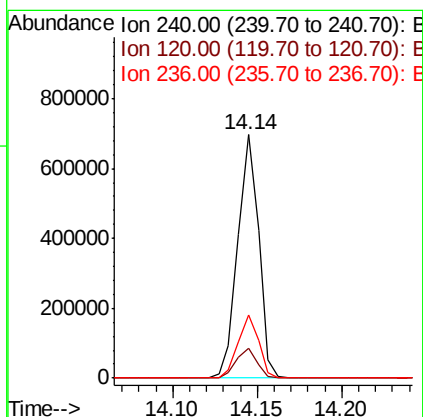
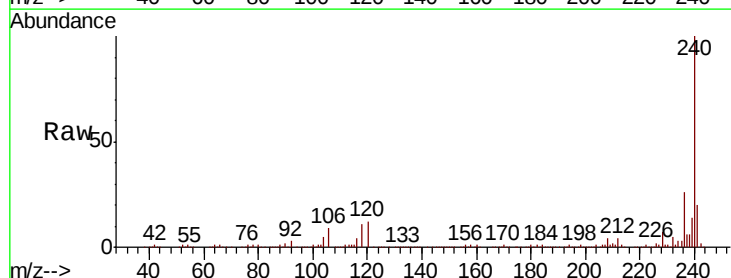
Instrument :
 BNA_F
 ClientSampled :

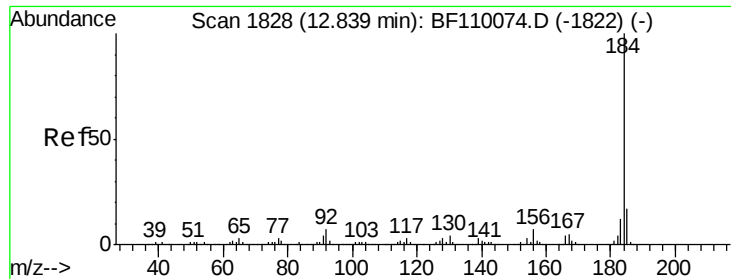
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	31.4
203	17.4	0.0	37.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2050
 Delta R.T. -0.02 min
 Lab File: BF110085.D
 Acq: 23 Oct 2018 18:47

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.3	8.3	12.5
236	26.2	21.2	31.8





#77

Benzidine

Concen: 3.861 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF110085.D

Acq: 23 Oct 2018 18:47

Instrument :

BNA_F

ClientSampleId :

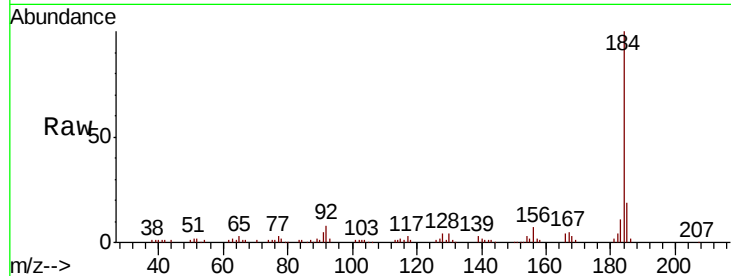
Tot Ion:184 Resp: 95419

Ion	Ratio	Lower	Upper
184	100		
185	18.6	13.4	20.2
183	11.1	9.4	14.2

184 100

185 18.6 13.4 20.2

183 11.1 9.4 14.2

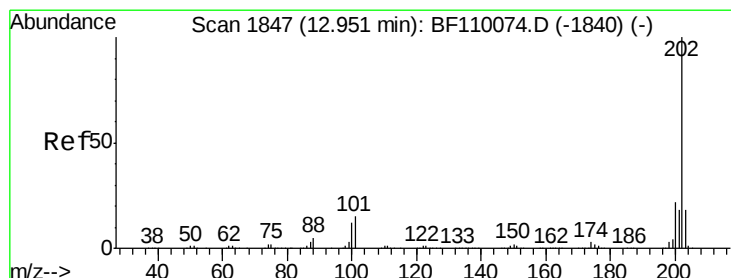
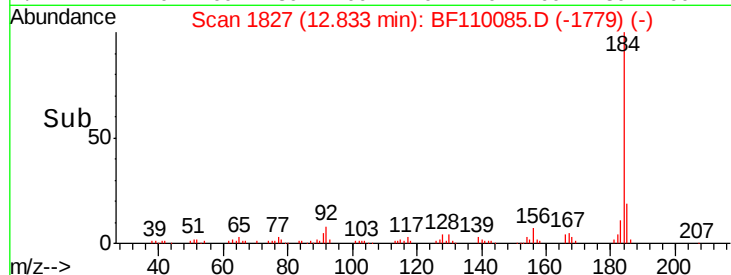
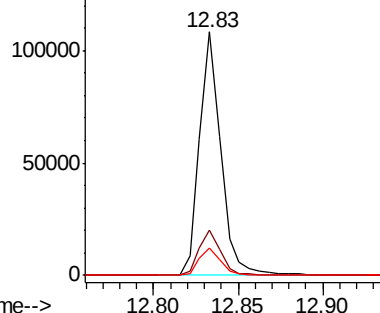


Abundance

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: 8.287 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.02 min

Lab File: BF110085.D

Acq: 23 Oct 2018 18:47

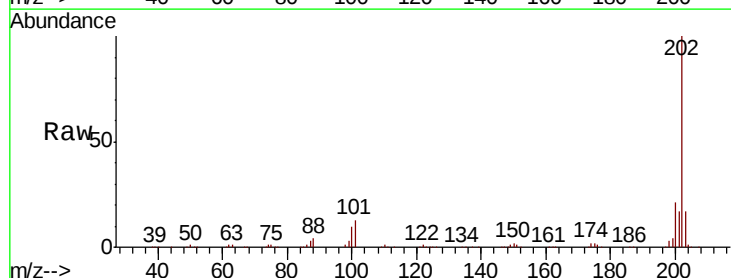
Tgt Ion:202 Resp: 357814

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.8	26.6
203	16.9	14.2	21.4

202 100

200 20.7 17.8 26.6

203 16.9 14.2 21.4

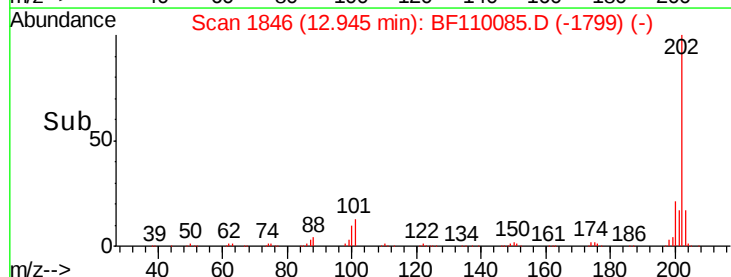
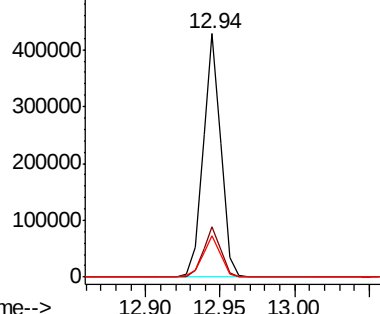


Abundance

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: 70.196 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110085.D

Acq: 23 Oct 2018 18:47

Instrument :

BNA_F

ClientSampled :

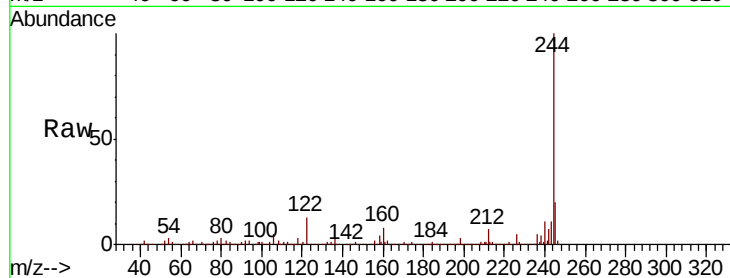
Tot Ion:244 Resp: 2032712

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

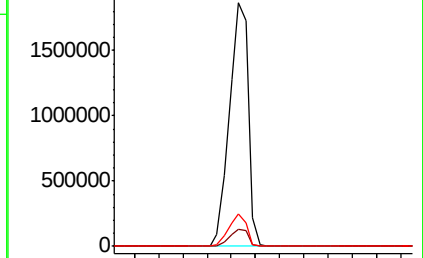
122 13.4 8.7 13.1#



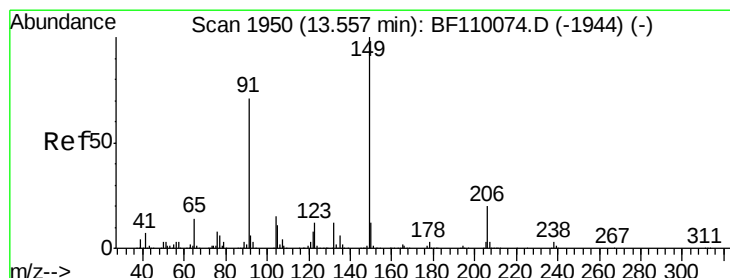
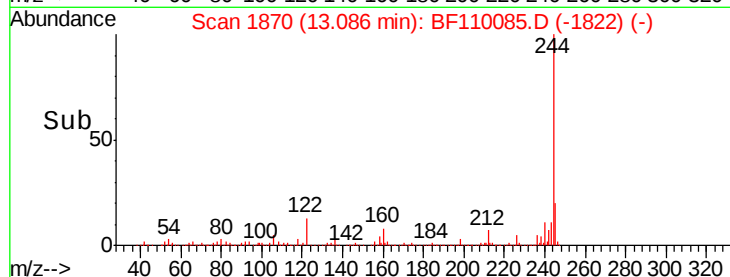
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#80

Butylbenzylphthalate

Concen: 7.762 ng

RT: 13.55 min Scan# 1949

Delta R.T. -0.02 min

Lab File: BF110085.D

Acq: 23 Oct 2018 18:47

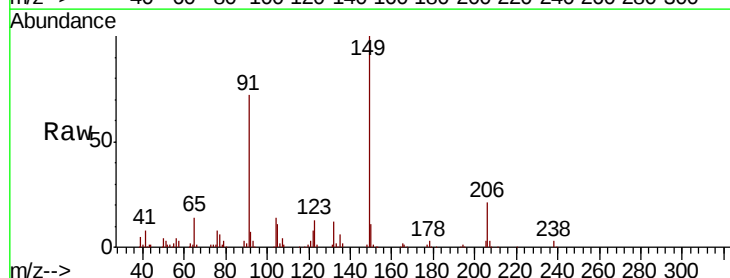
Tgt Ion:149 Resp: 145456

Ion Ratio Lower Upper

149 100

91 72.2 57.2 85.8

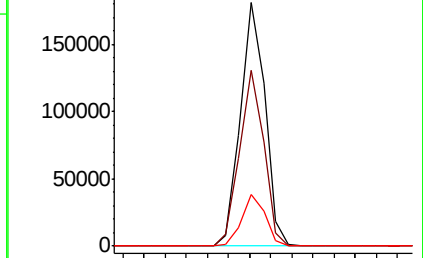
206 21.2 15.7 23.5



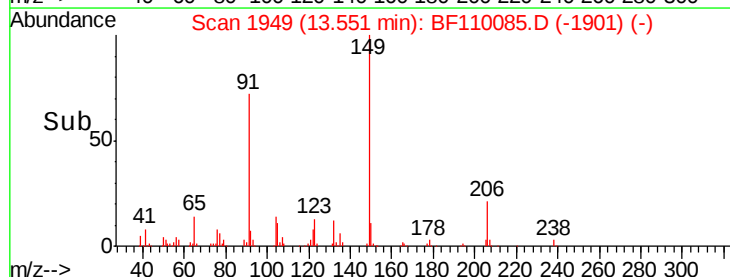
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



Time-->





#81

Benzo(a)anthracene

Concen: 8.753 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.02 min

Lab File: BF110085.D

Acq: 23 Oct 2018 18:47

Instrument :

BNA_F

ClientSampled :

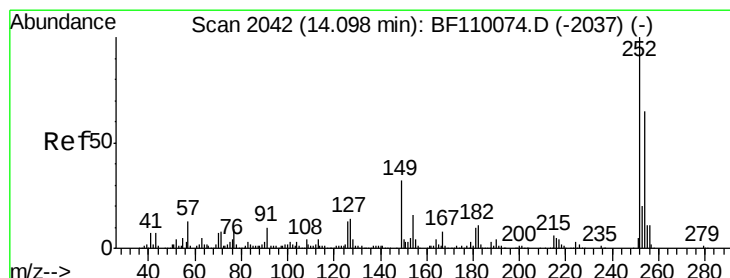
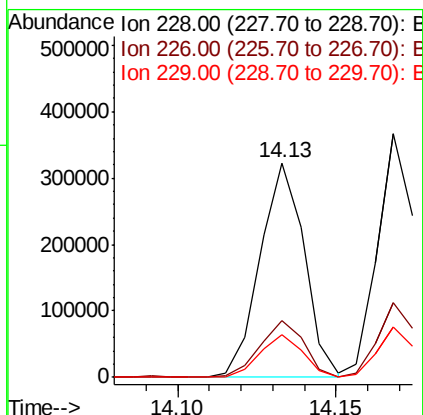
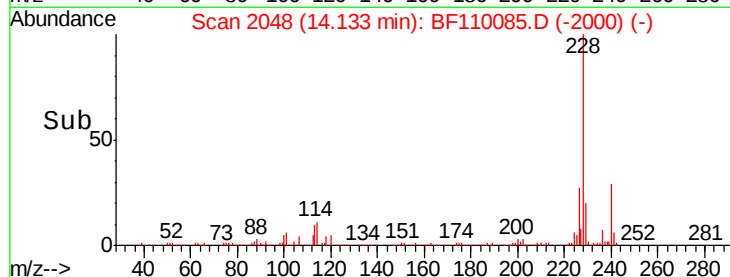
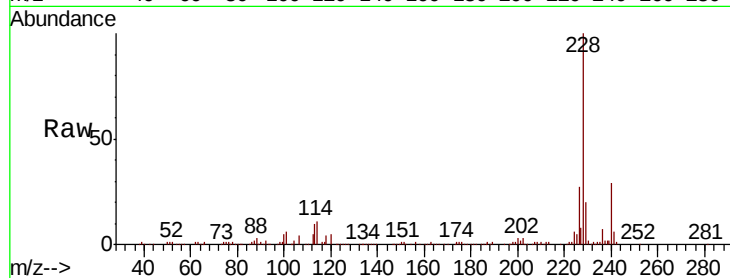
Tot Ion:228 Resp: 312615

Ion Ratio Lower Upper

228 100

226 26.6 22.1 33.1

229 19.9 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 6.878 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.02 min

Lab File: BF110085.D

Acq: 23 Oct 2018 18:47

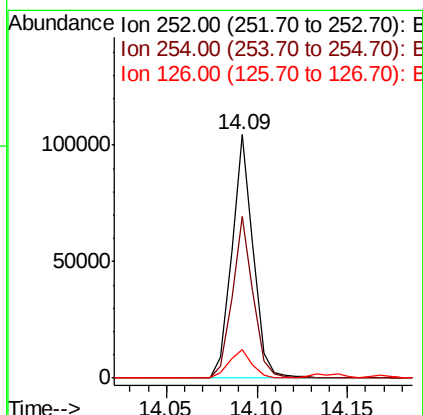
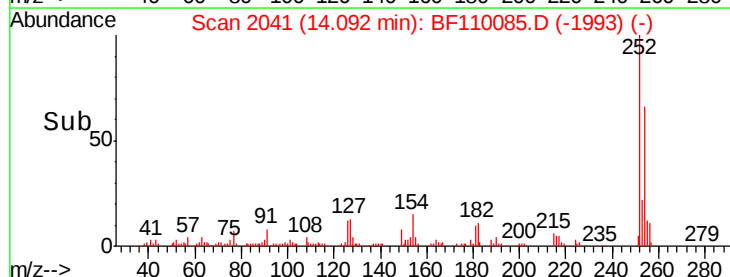
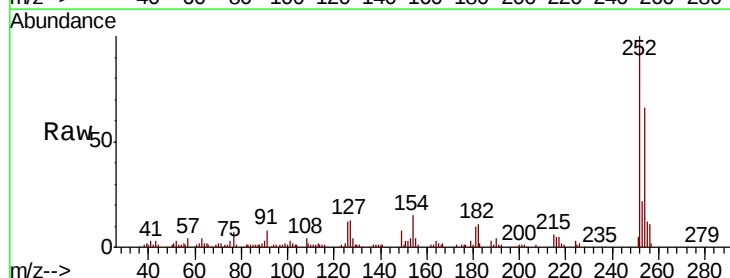
Tgt Ion:252 Resp: 85536

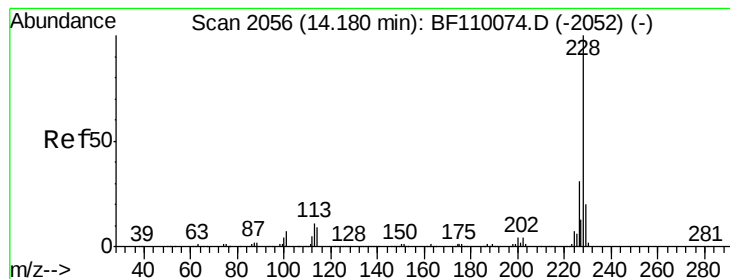
Ion Ratio Lower Upper

252 100

254 66.5 51.3 76.9

126 11.8 9.4 14.2





#83

Chrysene

Concen: 8.903 ng

RT: 14.17 min Scan# 2054

Delta R.T. -0.02 min

Lab File: BF110085.D

Acq: 23 Oct 2018 18:47

Instrument :

BNA_F

ClientSampleId :

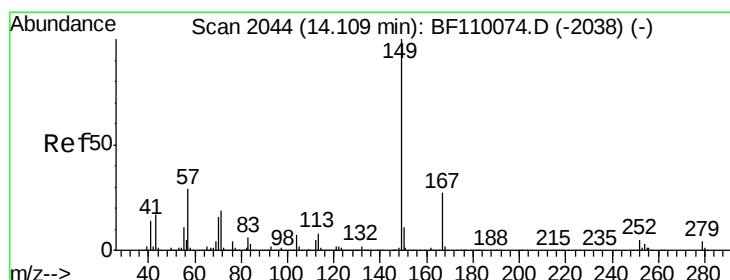
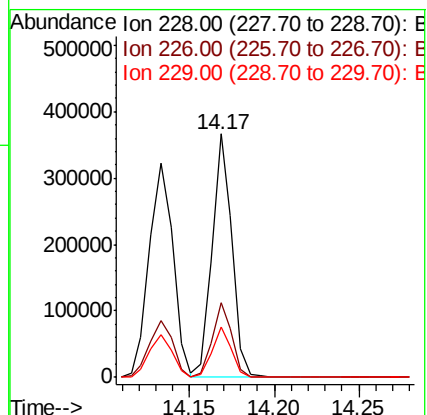
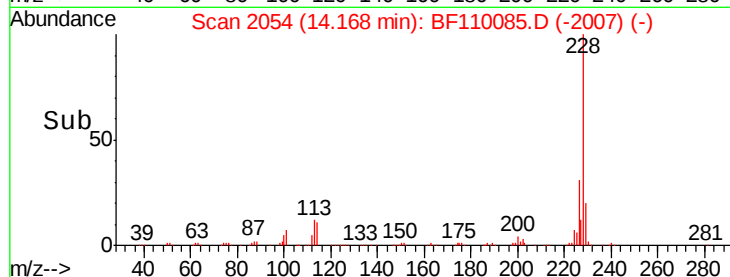
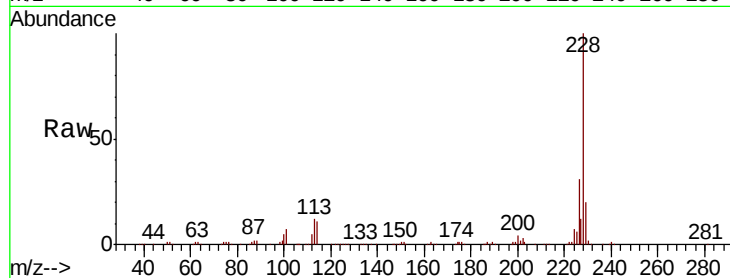
Tot Ion:228 Resp: 301993

Ion Ratio Lower Upper

228 100

226 30.9 24.7 37.1

229 20.5 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.274 ng

RT: 14.10 min Scan# 2043

Delta R.T. -0.02 min

Lab File: BF110085.D

Acq: 23 Oct 2018 18:47

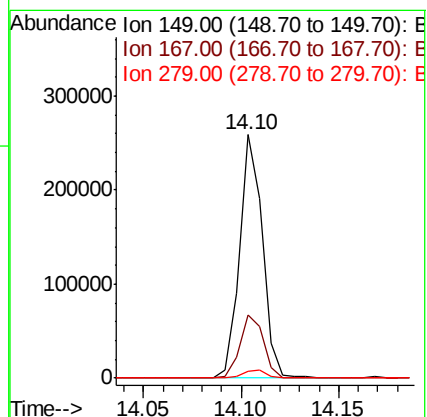
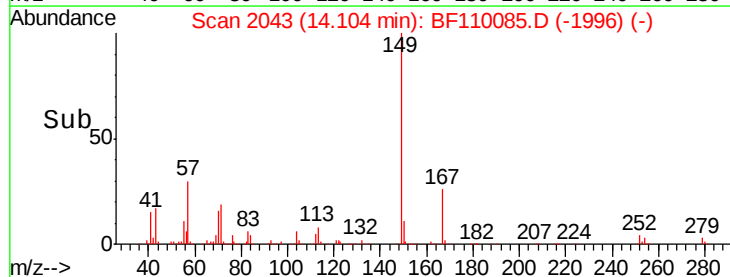
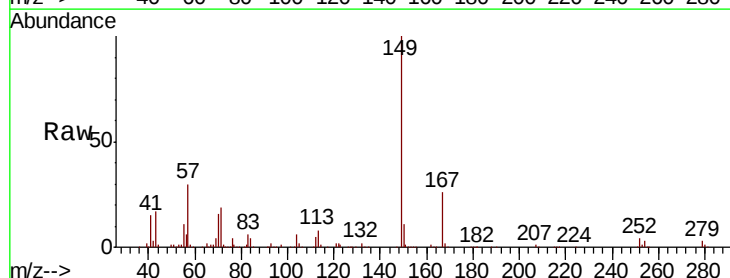
Tgt Ion:149 Resp: 209609

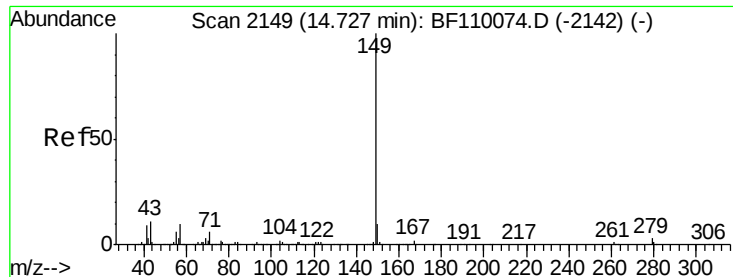
Ion Ratio Lower Upper

149 100

167 25.9 19.8 29.8

279 3.1 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 8.431 ng

RT: 14.73 min Scan# 2149

Delta R.T. -0.02 min

Lab File: BF110085.D

Acq: 23 Oct 2018 18:47

Instrument :

BNA_F

ClientSampleId :

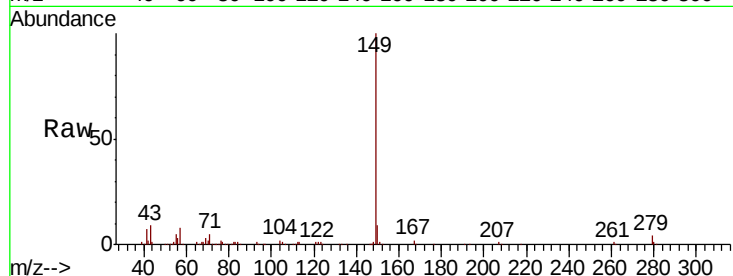
Tot Ion:149 Resp: 332118

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

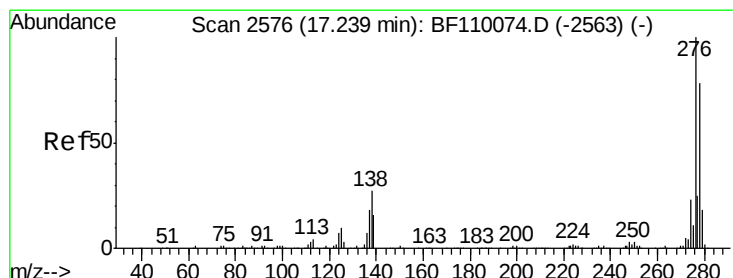
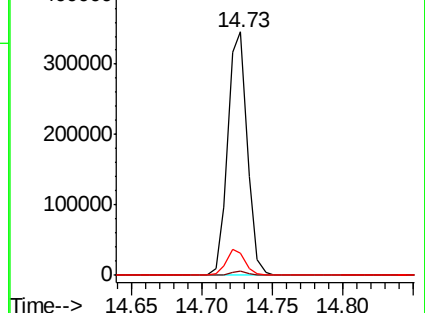
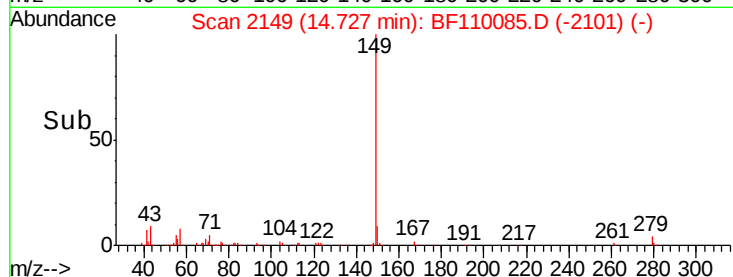
43 10.5 7.8 11.8



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: 8.339 ng

RT: 17.22 min Scan# 2572

Delta R.T. -0.05 min

Lab File: BF110085.D

Acq: 23 Oct 2018 18:47

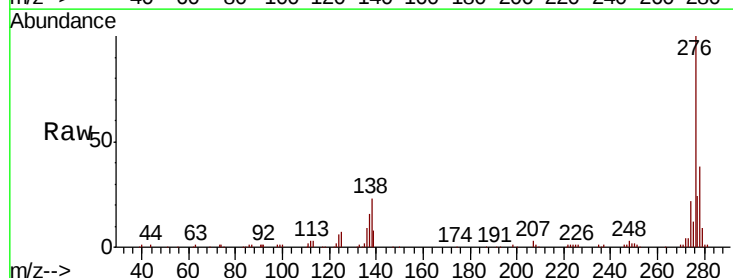
Tgt Ion:276 Resp: 234666

Ion Ratio Lower Upper

276 100

138 28.1 18.5 27.7#

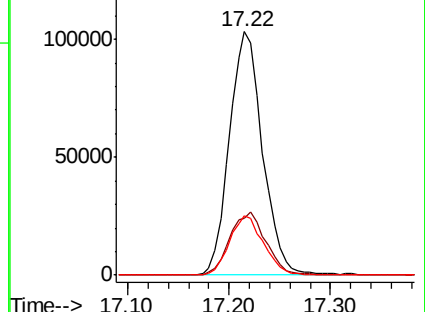
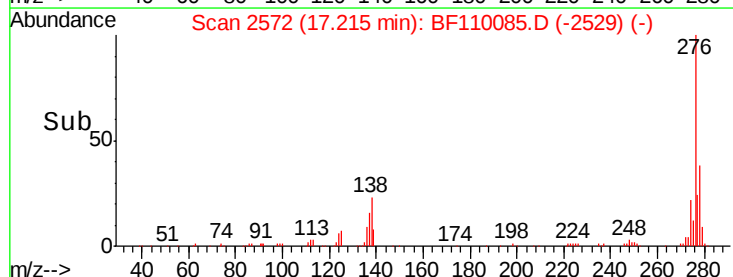
277 24.8 20.0 30.0



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# 2309

Delta R.T. -0.02 min

Lab File: BF110085.D

Acq: 23 Oct 2018 18:47

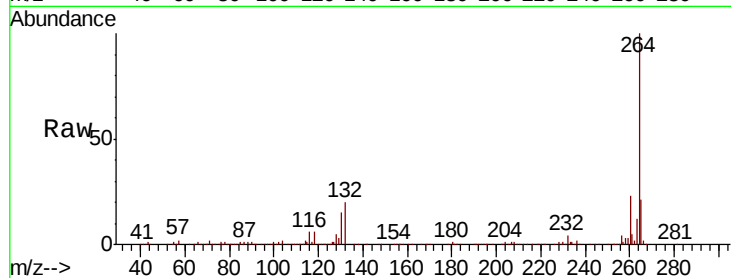
Instrument :

BNA_F

ClientSampleId :

Tot Ion:264 Resp: 526967

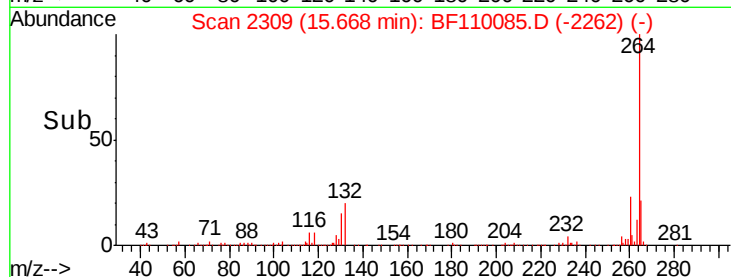
Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	21.0	16.7	25.1



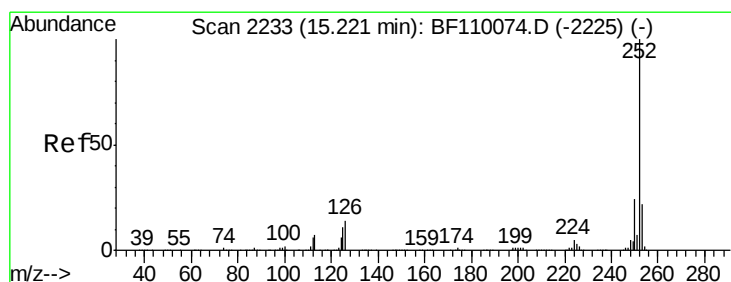
Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->



#88

Benzo(b)fluoranthene

Concen: 8.657 ng

RT: 15.21 min Scan# 2231

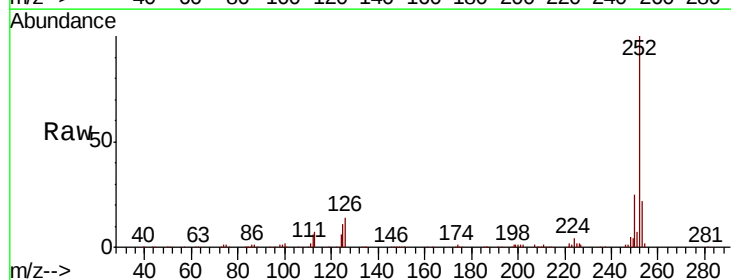
Delta R.T. -0.02 min

Lab File: BF110085.D

Acq: 23 Oct 2018 18:47

Tgt Ion:252 Resp: 263426

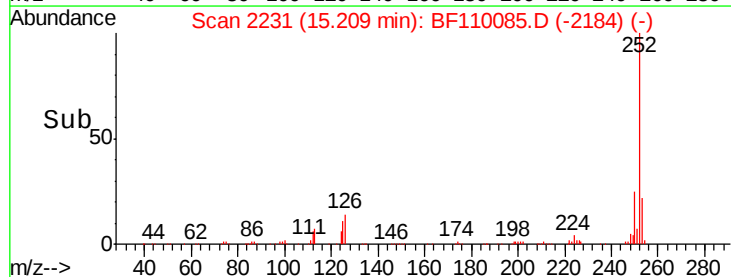
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	11.1	8.2	12.4



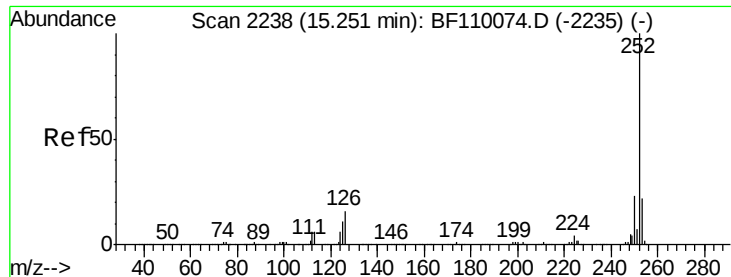
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



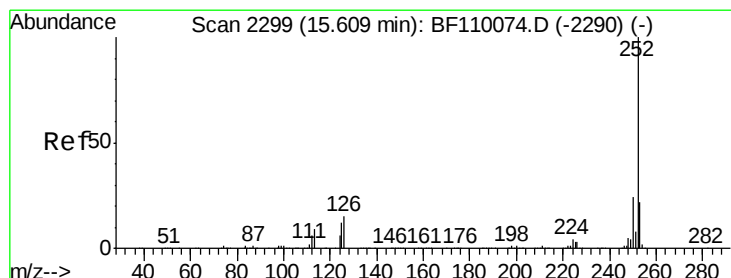
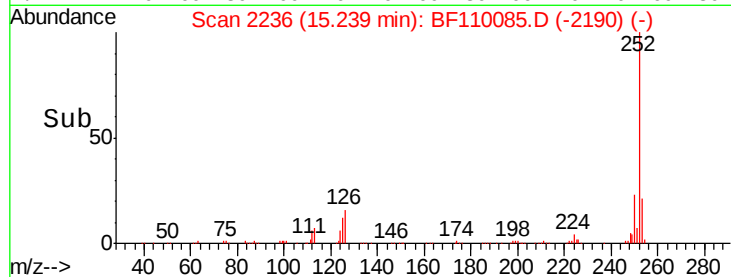
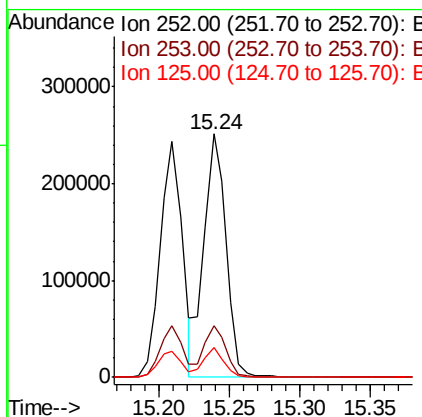
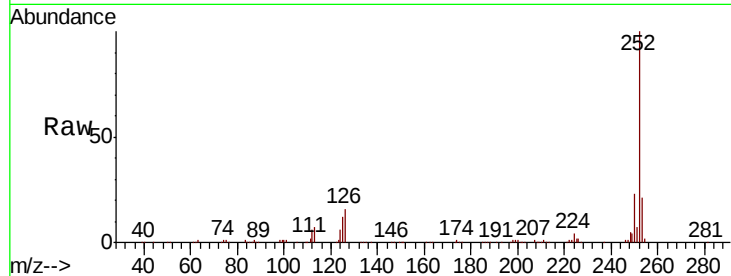
Time-->



#89
Benzo(k)fluoranthene
Concen: 9.127 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.03 min
Lab File: BF110085.D
Acq: 23 Oct 2018 18:47

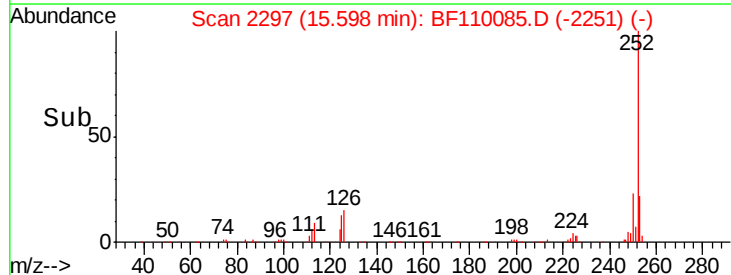
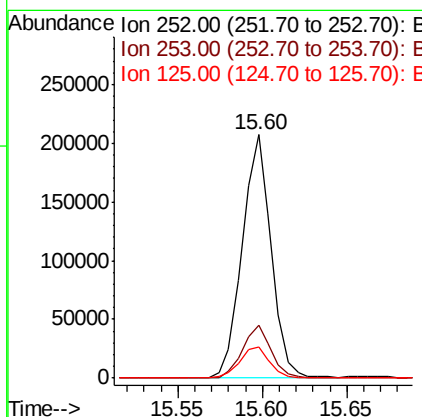
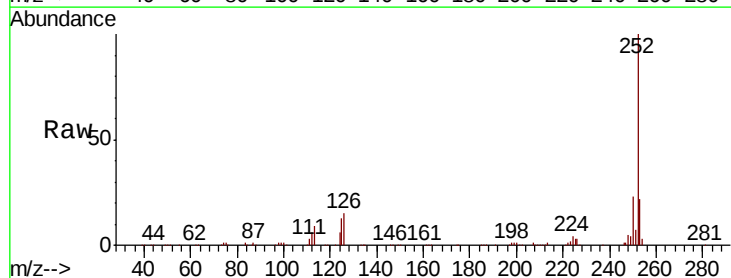
Instrument :
BNA_F
ClientSampleId :

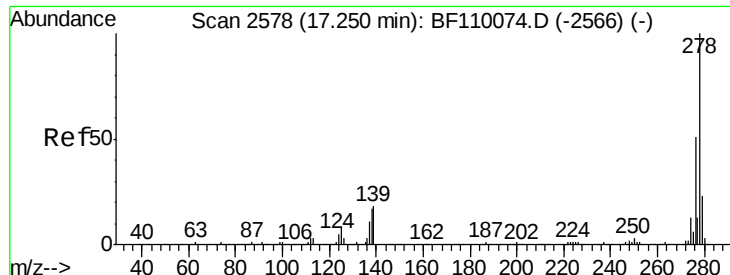
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.2	25.8
125	12.5	7.4	11.0



#90
Benzo(a)pyrene
Concen: 8.837 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.03 min
Lab File: BF110085.D
Acq: 23 Oct 2018 18:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.4
125	13.0	9.0	13.6



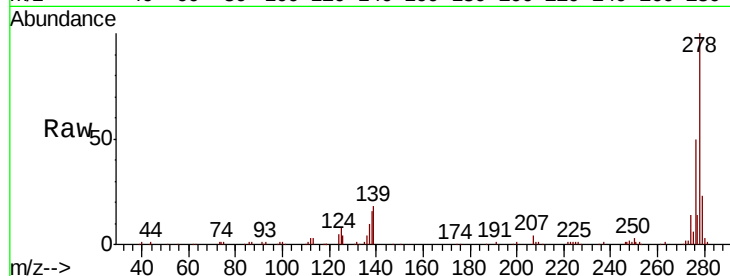


#91
Dibenzo(a,h)anthracene
Concen: 8.242 ng
RT: 17.23 min Scan# 2575
Delta R.T. -0.05 min
Lab File: BF110085.D
Acq: 23 Oct 2018 18:47

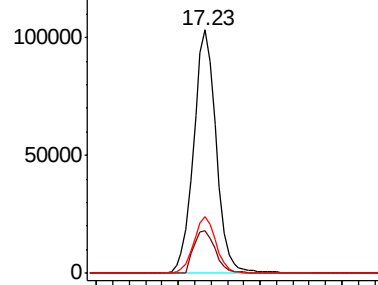
Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 199130

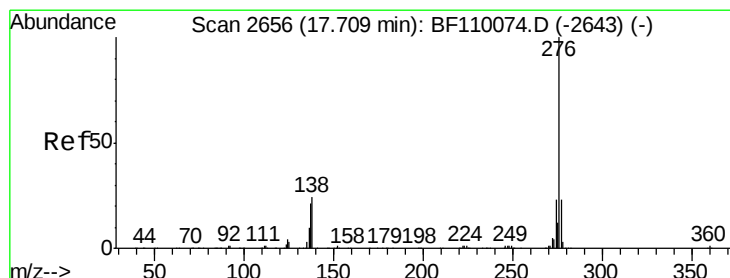
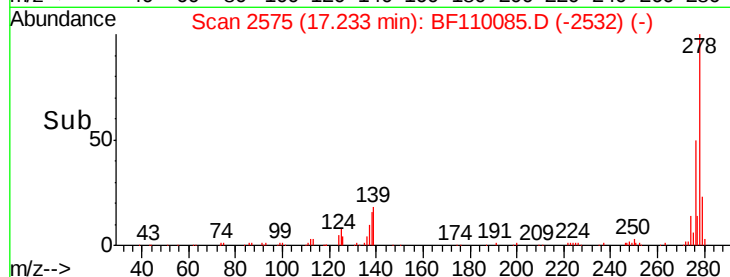
Ion	Ratio	Lower	Upper
278	100		
139	17.6	12.7	19.1
279	23.3	19.0	28.4



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



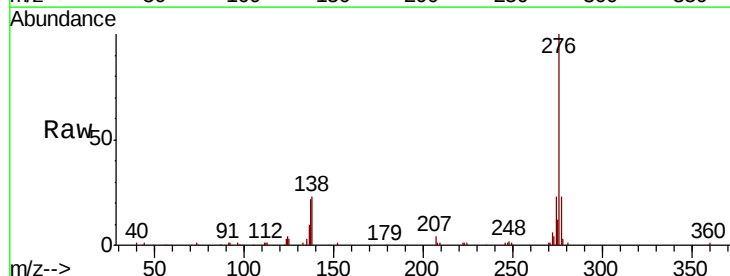
Time-->



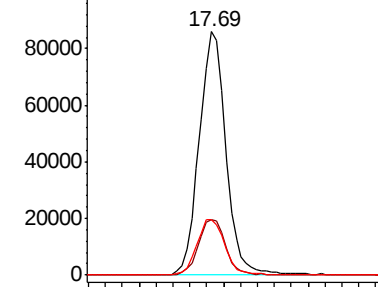
#92
Benzo(g,h,i)perylene
Concen: 7.887 ng
RT: 17.69 min Scan# 2652
Delta R.T. -0.05 min
Lab File: BF110085.D
Acq: 23 Oct 2018 18:47

Tgt Ion:276 Resp: 187775

Ion	Ratio	Lower	Upper
276	100		
277	22.5	18.8	28.2
138	22.8	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



Time-->

