

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110417.D
 Acq On : 2 Nov 2018 17:43
 Operator : JU/SJ
 Sample : J5769-07MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 03 00:50:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	91860	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	384859	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	181224	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	309698	20.00	ng	0.00
76) Chrysene-d12	14.14	240	162365	20.00	ng	0.00
87) Perylene-d12	15.66	264	163642	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	673661	119.42	ng	0.01
7) Phenol-d6	6.59	99	870712	120.68	ng	0.00
23) Nitrobenzene-d5	7.52	82	539653	83.17	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	198967	110.84	ng	0.00
45) 2-Fluorobiphenyl	9.32	172	921907	79.88	ng	0.00
79) Terphenyl-d14	13.07	244	667358	85.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.89	88	72973	24.691	ng	89
3) Pyridine	3.66	79	208146	31.620	ng	# 85
4) n-Nitrosodimethylamine	3.61	42	108656	39.398	ng	# 90
6) Aniline	6.62	93	239151	25.444	ng	# 54
8) 2-Chlorophenol	6.75	128	242794	37.333	ng	98
9) Benzaldehyde	6.51	77	158643	37.076	ng	99
10) Phenol	6.60	94	334608	43.385	ng	# 67
11) bis(2-Chloroethyl)ether	6.69	93	220901	34.814	ng	96
12) 1,3-Dichlorobenzene	6.90	146	250591	35.013	ng	96
13) 1,4-Dichlorobenzene	6.97	146	251237	34.709	ng	97
14) 1,2-Dichlorobenzene	7.13	146	236665	35.220	ng	99
15) Benzyl Alcohol	7.09	79	212203	38.239	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.22	45	354967	34.988	ng	69
17) 2-Methylphenol	7.20	107	197574	38.119	ng	# 82
18) Hexachloroethane	7.46	117	93331	35.218	ng	94
19) n-Nitroso-di-n-propylamine	7.36	70	163789	35.384	ng	93
20) 3+4-Methylphenols	7.36	107	256444	38.277	ng	# 88
22) Acetophenone	7.36	105	337667	38.077	ng	94
24) Nitrobenzene	7.54	77	247308	36.917	ng	96
25) Isophorone	7.77	82	451663	40.836	ng	97
26) 2-Nitrophenol	7.86	139	129475	40.615	ng	91
27) 2,4-Dimethylphenol	7.89	122	225137	42.597	ng	98
28) bis(2-Chloroethoxy)methane	7.98	93	283513	37.732	ng	99
29) 2,4-Dichlorophenol	8.09	162	204467	38.292	ng	97
30) 1,2,4-Trichlorobenzene	8.18	180	216639	36.221	ng	96
31) Naphthalene	8.26	128	705457	39.772	ng	99
32) Benzoic acid	7.89	122	225137	55.115	ng	# 10
33) 4-Chloroaniline	8.31	127	147002	18.414	ng	97
34) Hexachlorobutadiene	8.37	225	118540	35.695	ng	98
35) Caprolactam	8.67	113	26170	14.062	ng	91
36) 4-Chloro-3-methylphenol	8.79	107	220644	38.213	ng	93
37) 2-Methylnaphthalene	8.95	142	489680	41.725	ng	99
38) 1-Methylnaphthalene	8.95	142	489680	43.177	ng	96
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	209328	37.072	ng	98

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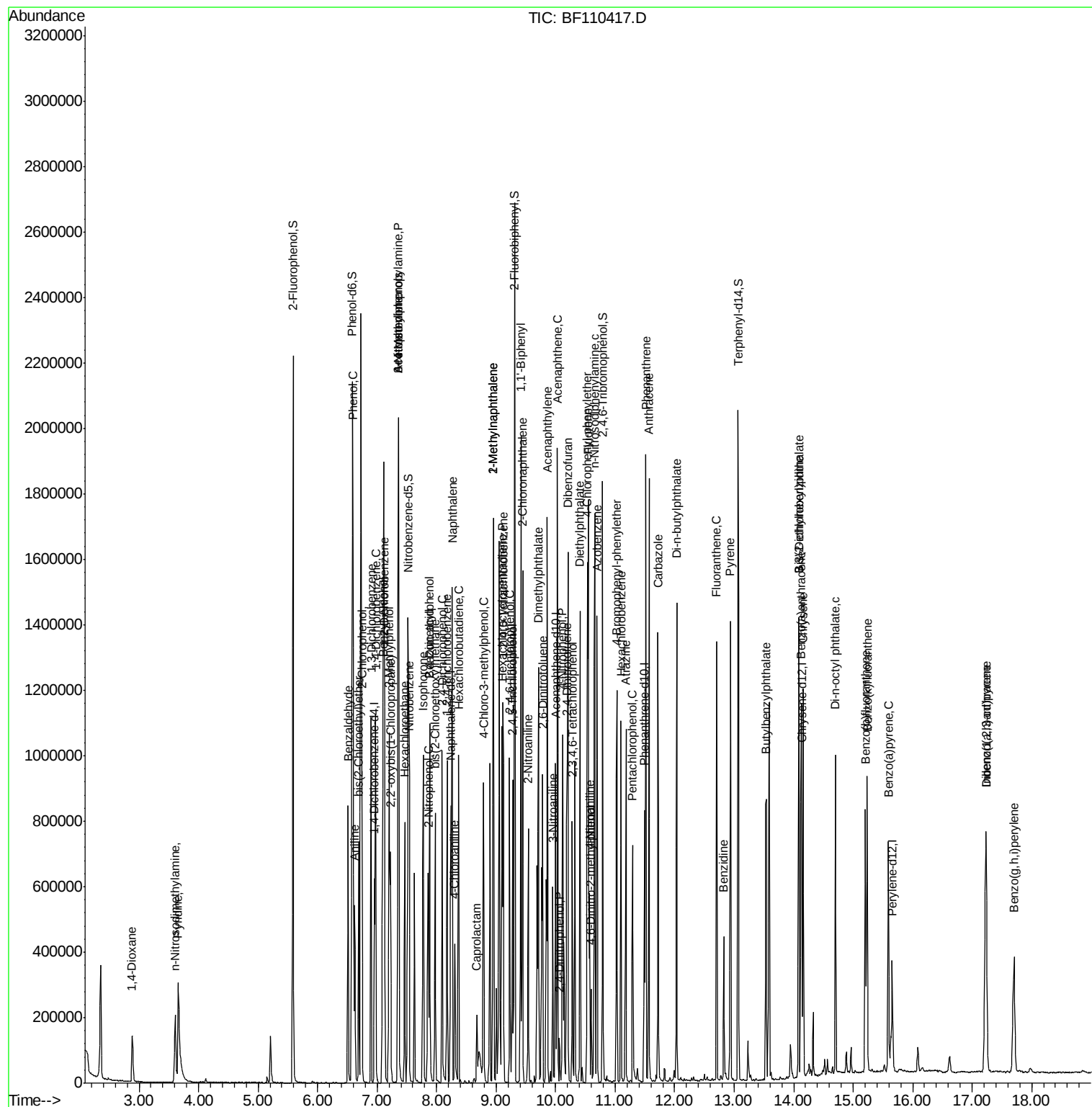
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	156196	54.098	nq	99
43) 2,4,6-Trichlorophenol	9.23	196	134868	37.031	nq	91
44) 2,4,5-Trichlorophenol	9.27	196	144738	37.597	nq	95
46) 1,1'-Biphenyl	9.42	154	586005	35.758	nq	100
47) 2-Chloronaphthalene	9.45	162	444400	36.968	nq	99
48) 2-Nitroaniline	9.54	65	139945	38.417	nq	98
49) Acenaphthylene	9.86	152	688793	39.671	nq	99
50) Dimethylphthalate	9.72	163	658225	49.204	nq	99
51) 2,6-Dinitrotoluene	9.78	165	111253	38.608	nq	99
52) Acenaphthene	10.03	154	413936	36.038	nq	96
53) 3-Nitroaniline	9.95	138	92291	26.933	nq	94
54) 2,4-Dinitrophenol	10.06	184	17163	19.212	nq	95
55) Dibenzofuran	10.20	168	601932	37.429	nq	98
56) 4-Nitrophenol	10.12	139	209952	82.783	nq	89
57) 2,4-Dinitrotoluene	10.19	165	147899	40.408	nq	# 82
58) Fluorene	10.55	166	477955	39.933	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.28	232	96708	30.820	nq	98
60) Diethylphthalate	10.41	149	485071	37.146	nq	100
61) 4-Chlorophenyl-phenylether	10.53	204	226234	35.831	nq	98
62) 4-Nitroaniline	10.57	138	115202	33.801	nq	92
63) Azobenzene	10.70	77	476539	36.764	nq	97
65) 4,6-Dinitro-2-methylphenol	10.60	198	31637	22.359	nq	84
66) n-Nitrosodiphenylamine	10.66	169	414712	40.826	nq	97
67) 4-Bromophenyl-phenylether	11.03	248	130034	38.708	nq	93
68) Hexachlorobenzene	11.10	284	135111	37.906	nq	# 91
69) Atrazine	11.18	200	125485	39.090	nq	98
70) Pentachlorophenol	11.29	266	80273	38.622	nq	97
71) Phenanthrene	11.52	178	673953	41.590	nq	100
72) Anthracene	11.57	178	669694	41.230	nq	99
73) Carbazole	11.72	167	543253	34.255	nq	100
74) Di-n-butylphthalate	12.03	149	693947	38.743	nq	99
75) Fluoranthene	12.71	202	582469	35.417	nq	98
77) Benzidine	12.83	184	193191	40.542	nq	96
78) Pyrene	12.94	202	547032	46.995	nq	98
80) Butylbenzylphthalate	13.54	149	207915	41.152	nq	94
81) Benzo(a)anthracene	14.13	228	403804	41.938	nq	99
82) 3,3'-Dichlorobenzidine	14.08	252	92841	27.690	nq	98
83) Chrysene	14.16	228	371543	40.627	nq	99
84) Bis(2-ethylhexyl)phthalate	14.09	149	269982	39.531	nq	98
85) Di-n-octyl phthalate	14.70	149	434073	40.874	nq	99
86) Indeno(1,2,3-cd)pyrene	17.23	276	397584	52.404	nq	97
88) Benzo(b)fluoranthene	15.20	252	405378	42.898	nq	99
89) Benzo(k)fluoranthene	15.23	252	335907	36.158	nq	# 97
90) Benzo(a)pyrene	15.59	252	371794	42.758	nq	98
91) Dibenzo(a,h)anthracene	17.24	278	327612	43.666	nq	99
92) Benzo(g,h,i)perylene	17.70	276	316182	42.766	nq	98

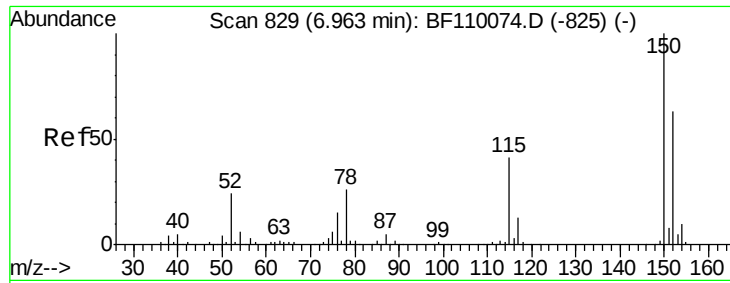
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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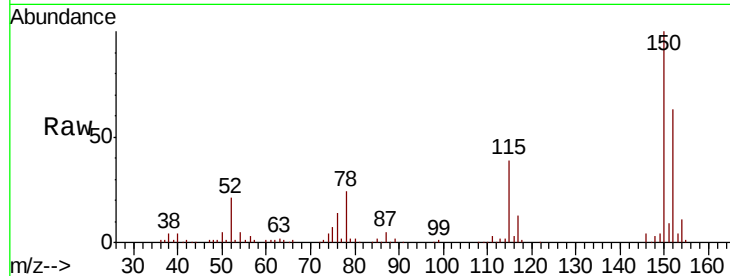


#1

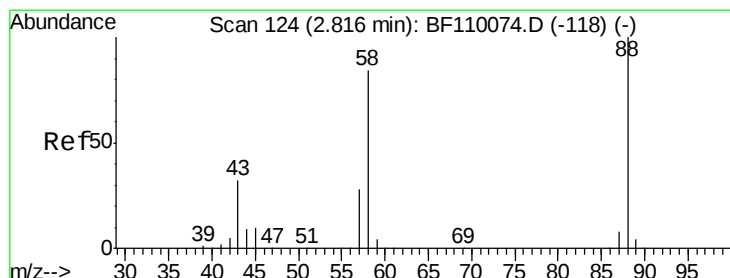
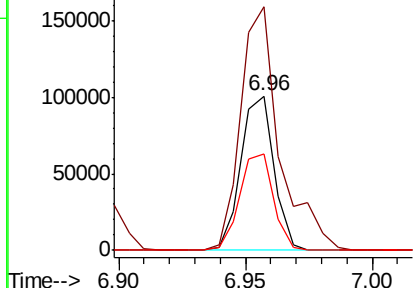
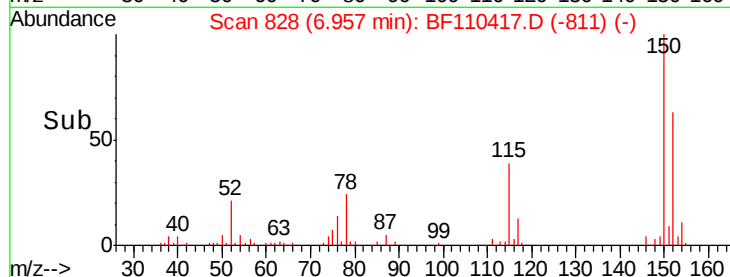
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110417.D
Acq: 2 Nov 2018 17:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 91860
Ion Ratio Lower Upper
152 100
150 157.6 122.7 184.1
115 62.2 49.1 73.7



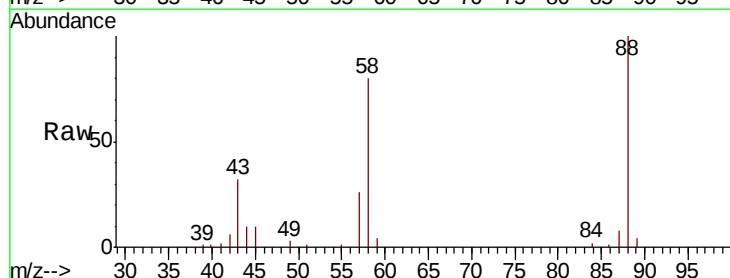
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



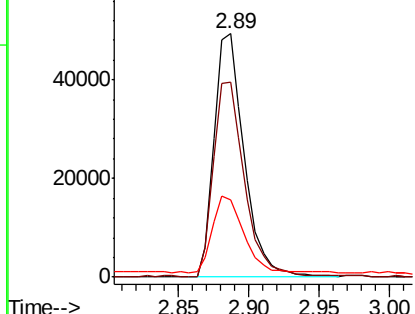
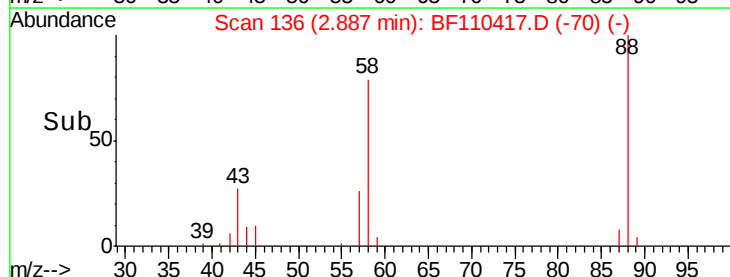
#2

1,4-Dioxane
Concen: 24.691 ng
RT: 2.89 min Scan# 136
Delta R.T. 0.09 min
Lab File: BF110417.D
Acq: 2 Nov 2018 17:43

Tgt Ion: 88 Resp: 72973
Ion Ratio Lower Upper
88 100
58 83.0 57.1 85.7
43 32.2 24.1 36.1



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





#3

Pvridine

Concen: 31.620 ng

RT: 3.66 min Scan# 267

Delta R.T. 0.08 min

Lab File: BF110417.D

Acq: 2 Nov 2018 17:43

Instrument :

BNA_F

ClientSampleId :

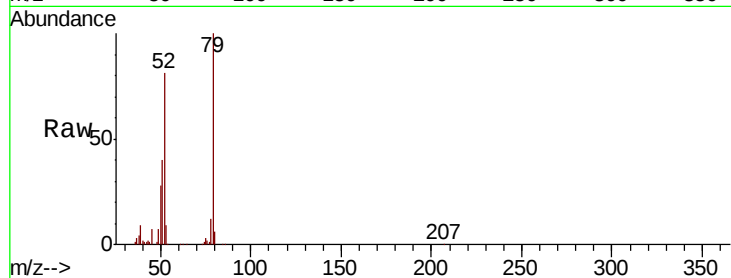
Tot Ion: 79 Resp: 208146

Ion Ratio Lower Upper

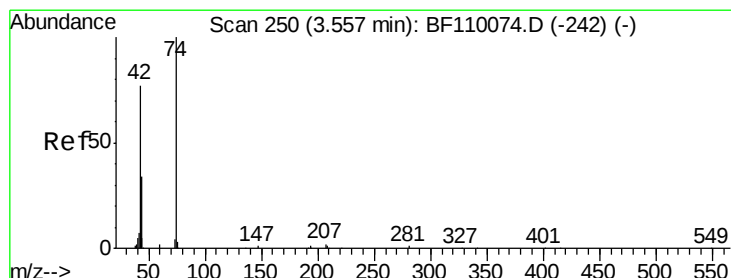
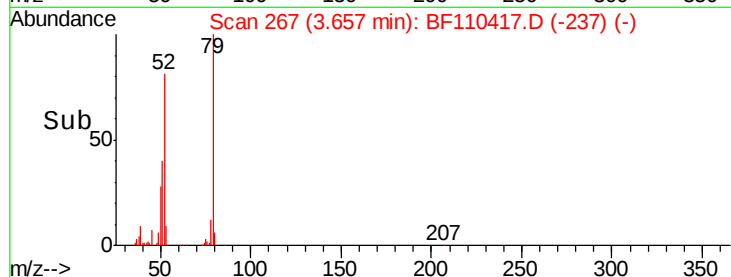
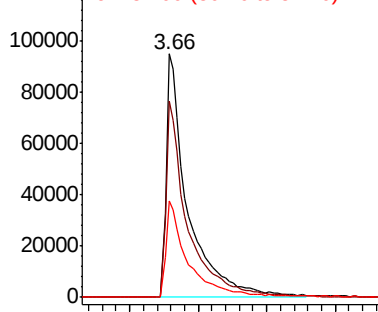
79 100

52 80.5 53.1 79.7#

51 39.8 27.4 41.2



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



#4

n-Nitrosodimethylamine

Concen: 39.398 ng

RT: 3.61 min Scan# 259

Delta R.T. 0.06 min

Lab File: BF110417.D

Acq: 2 Nov 2018 17:43

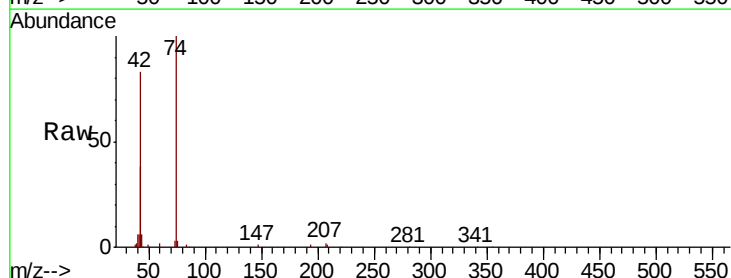
Tgt Ion: 42 Resp: 108656

Ion Ratio Lower Upper

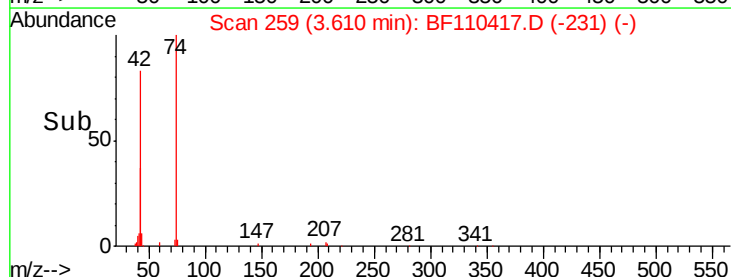
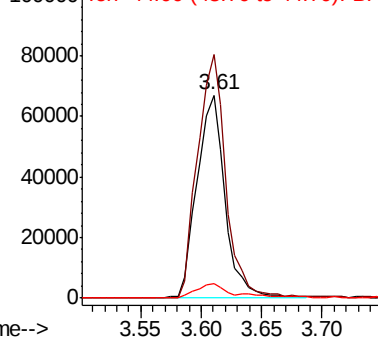
42 100

74 120.0 105.5 158.3

44 7.4 4.9 7.3#



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





#5

2-Fluorophenol

Concen: 119.424 ng

RT: 5.59 min Scan# 595

Delta R.T. 0.01 min

Lab File: BF110417.D

Acq: 2 Nov 2018 17:43

Instrument :

BNA_F

ClientSampleId :

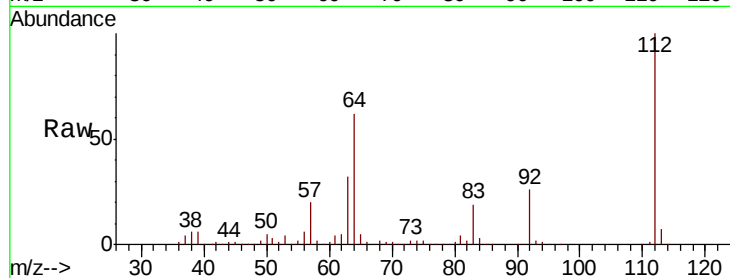
Tot Ion: 112 Resp: 673661

Ion Ratio Lower Upper

112 100

64 61.7 44.1 66.1

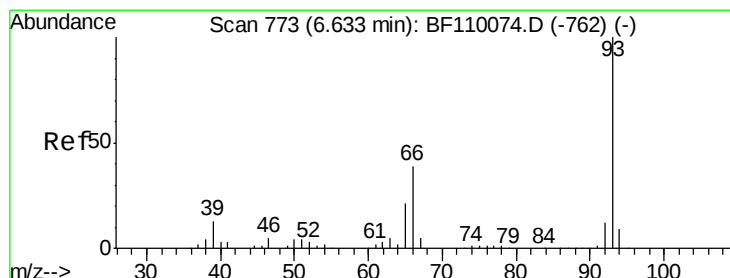
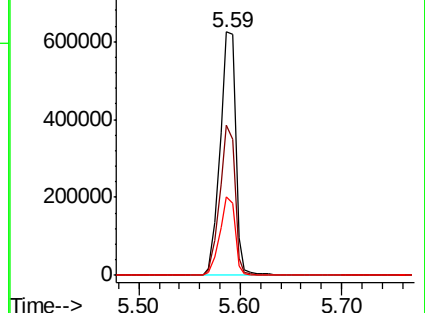
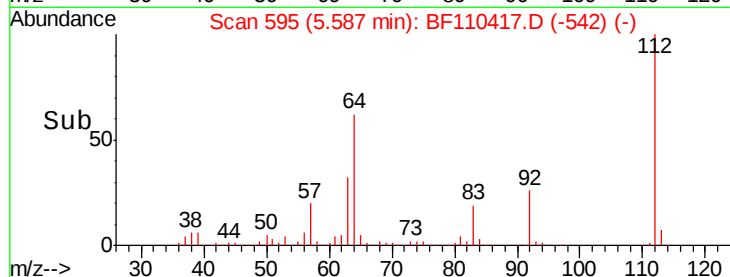
63 32.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 25.444 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF110417.D

Acq: 2 Nov 2018 17:43

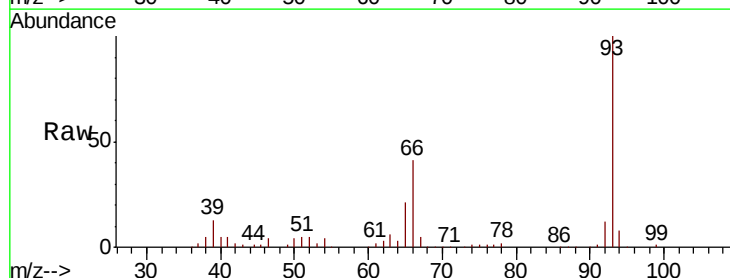
Tgt Ion: 93 Resp: 239151

Ion Ratio Lower Upper

93 100

66 40.9 67.4 101.0#

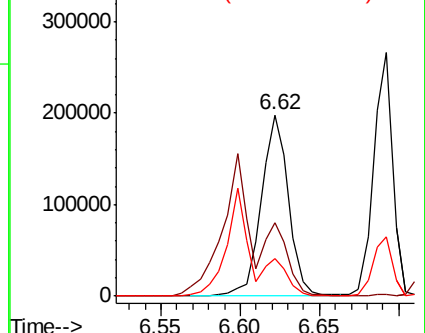
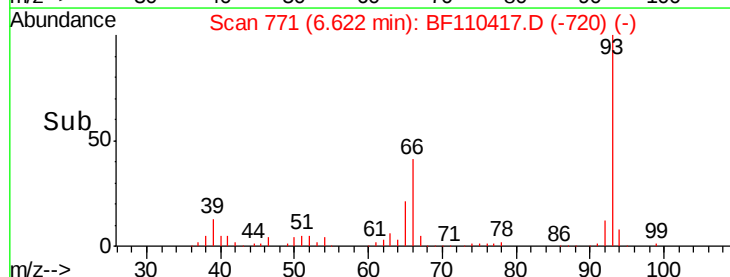
65 21.1 41.0 61.4#

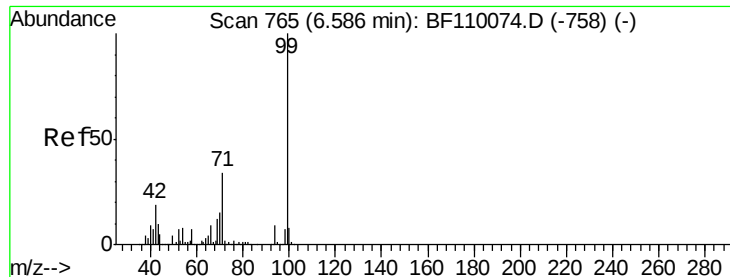


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 120.678 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF110417.D

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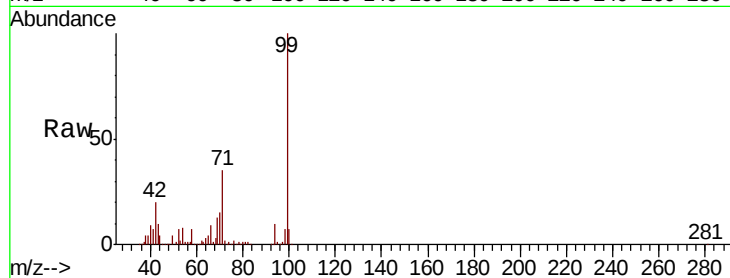
Tot Ion: 99 Resp: 870712

Ion Ratio Lower Upper

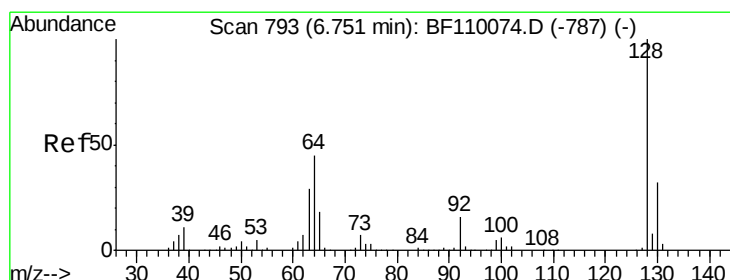
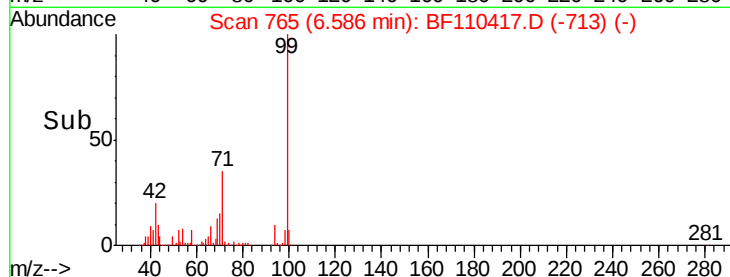
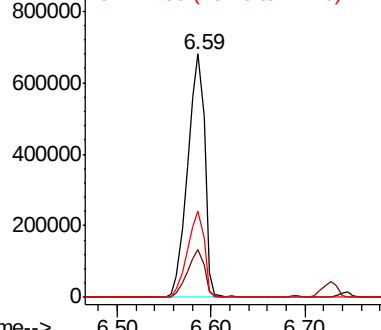
99 100

42 19.9 15.8 23.6

71 35.2 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: 37.333 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF110417.D

Acq: 2 Nov 2018 17:43

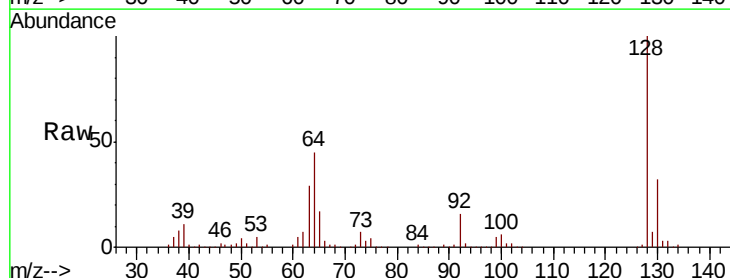
Tgt Ion: 128 Resp: 242794

Ion Ratio Lower Upper

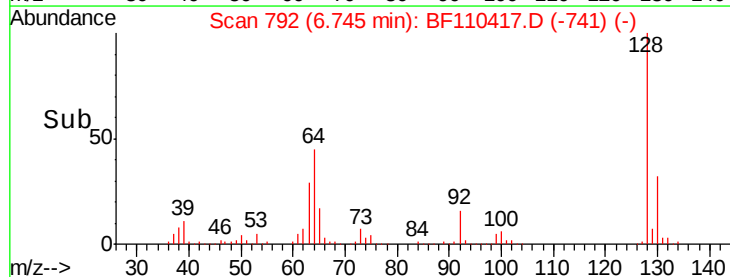
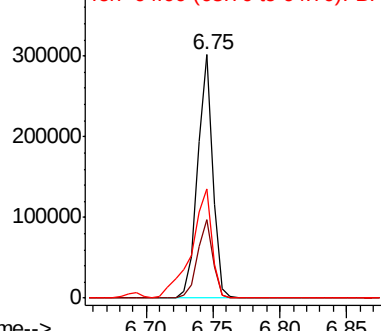
128 100

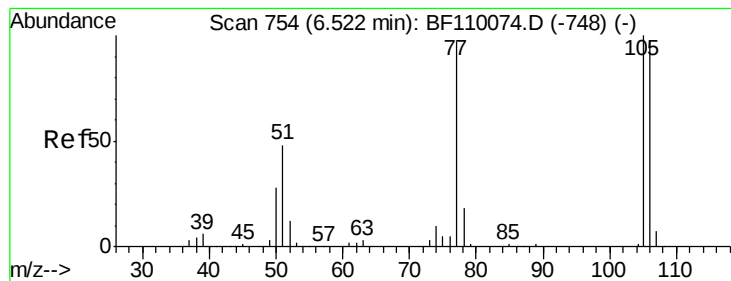
130 32.2 13.1 53.1

64 44.8 26.0 66.0



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





#9

Benzaldehyde

Concen: 37.076 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

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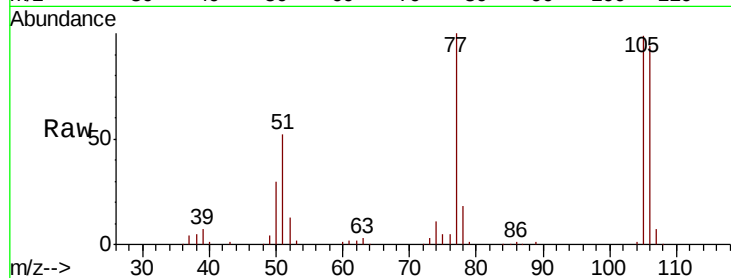
Tot Ion: 77 Resp: 158643

Ion Ratio Lower Upper

77 100

105 99.1 78.6 118.6

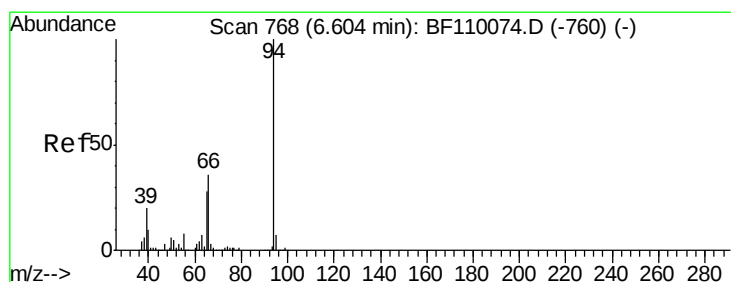
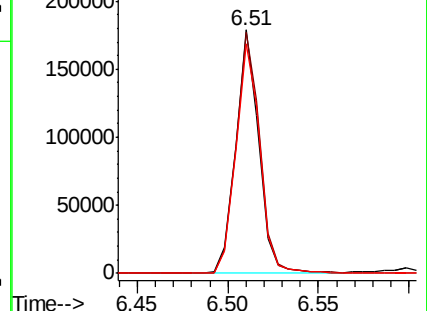
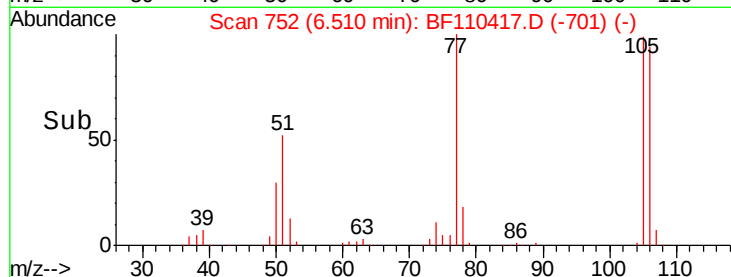
106 94.3 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 43.385 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF110417.D

Acq: 2 Nov 2018 17:43

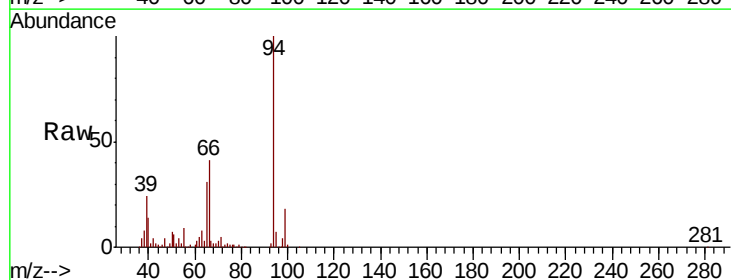
Tgt Ion: 94 Resp: 334608

Ion Ratio Lower Upper

94 100

65 30.6 25.3 65.3

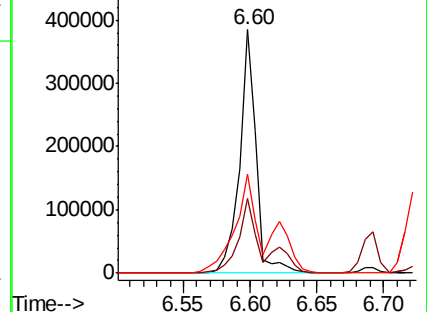
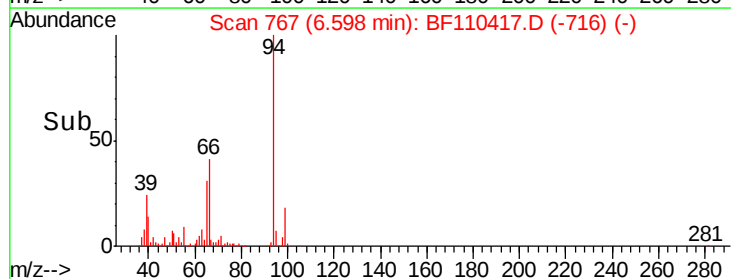
66 40.7 54.5 94.5#

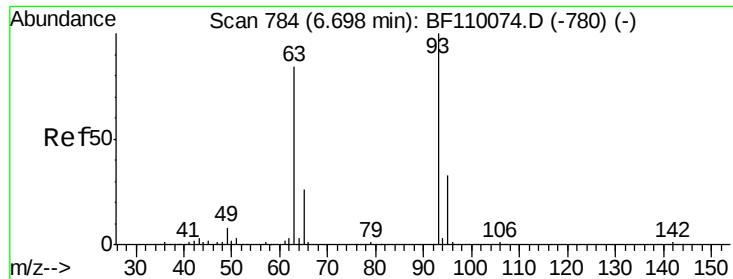


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

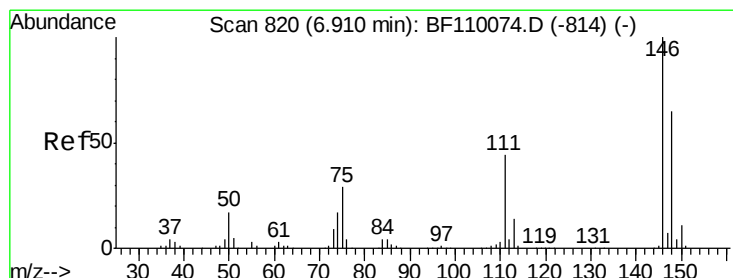
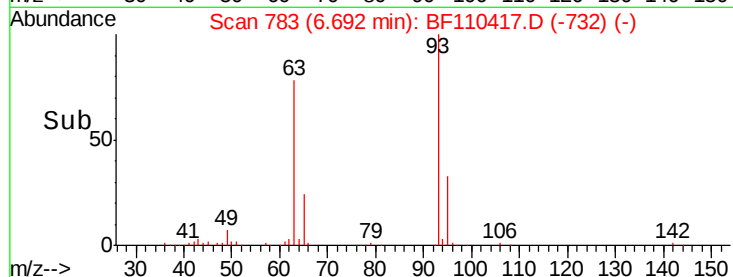
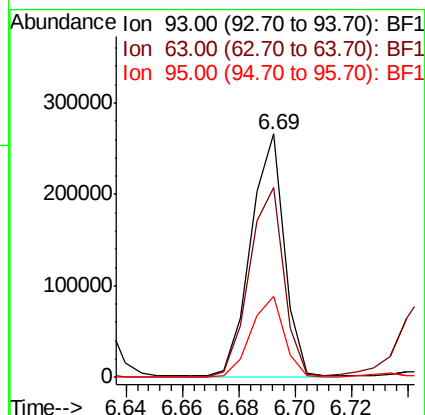
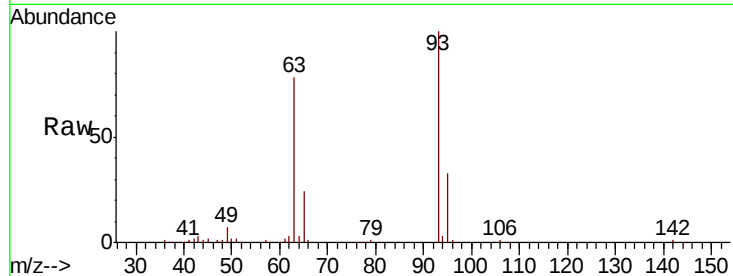




#11
bis(2-Chloroethyl)ether
Concen: 34.814 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF110417.D
Acq: 2 Nov 2018 17:43

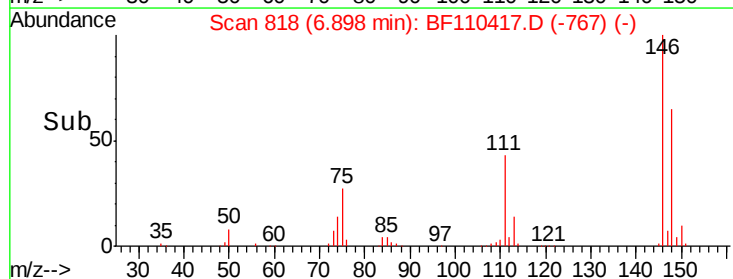
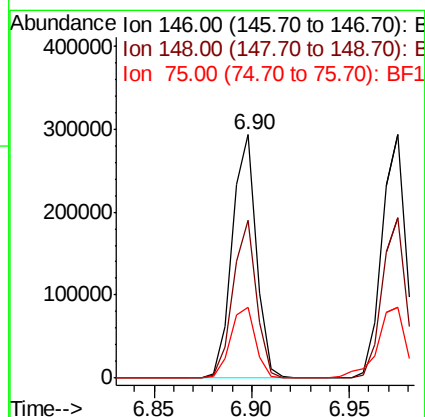
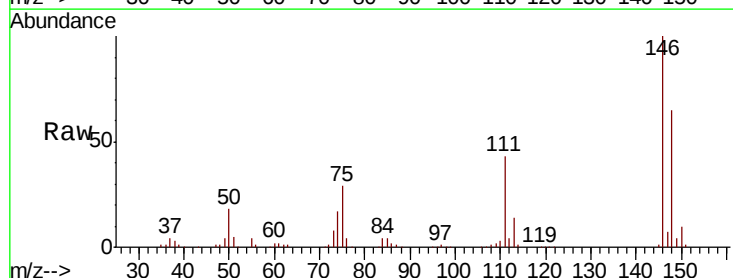
Instrument :
BNA_F
ClientSampleId :

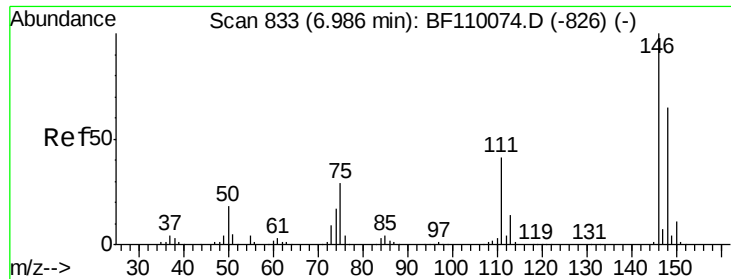
Tot Ion: 93 Resp: 220901
Ion Ratio Lower Upper
93 100
63 78.0 53.4 93.4
95 33.1 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 35.013 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF110417.D
Acq: 2 Nov 2018 17:43

Tgt Ion: 146 Resp: 250591
Ion Ratio Lower Upper
146 100
148 65.0 50.4 75.6
75 28.9 25.8 38.6

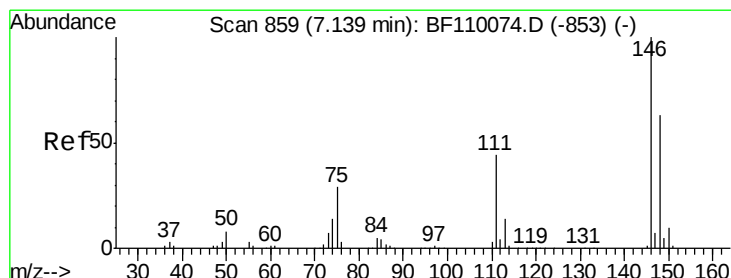
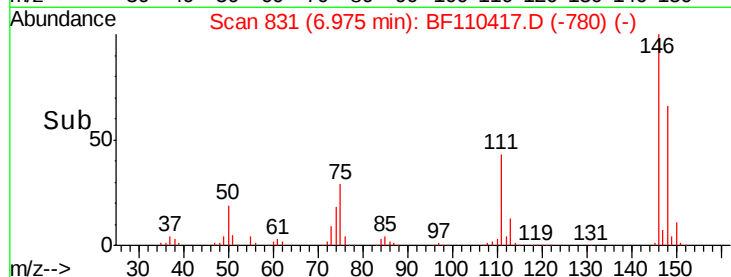
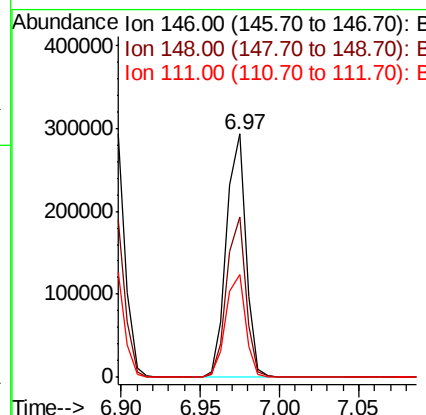
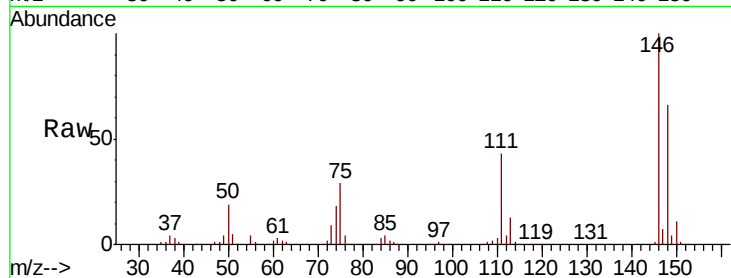




#13
 1,4-Dichlorobenzene
 Concen: 34.709 ng
 RT: 6.97 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF110417.D
 Acq: 2 Nov 2018 17:43

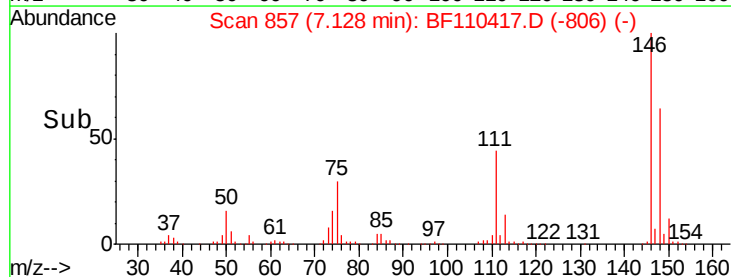
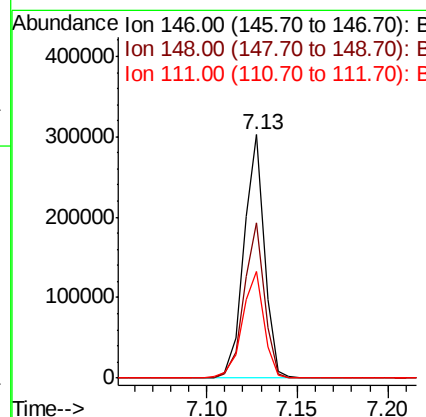
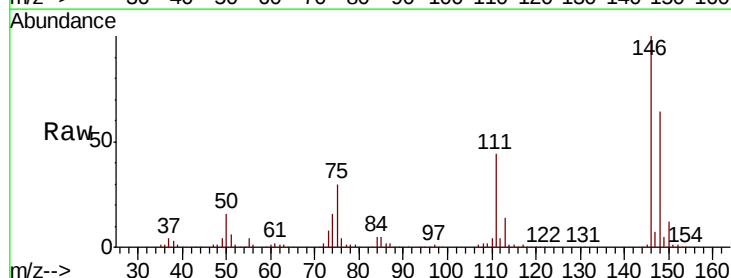
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.9	50.3	75.5
111	42.5	32.7	49.1



#14
 1,2-Dichlorobenzene
 Concen: 35.220 ng
 RT: 7.13 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF110417.D
 Acq: 2 Nov 2018 17:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.1	76.7
111	43.8	35.8	53.6





#15

Benzyl Alcohol

Concen: 38.239 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF110417.D

Acq: 2 Nov 2018 17:43

Instrument :

BNA_F

ClientSampled :

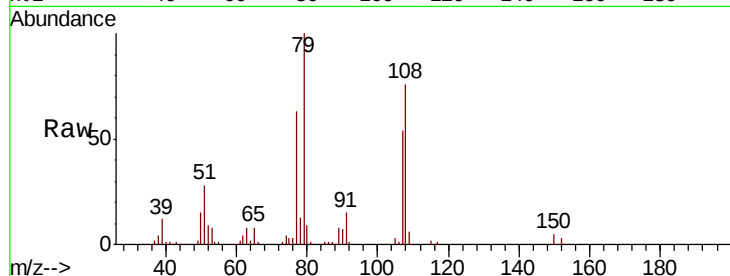
Tot Ion: 79 Resp: 212203

Ion Ratio Lower Upper

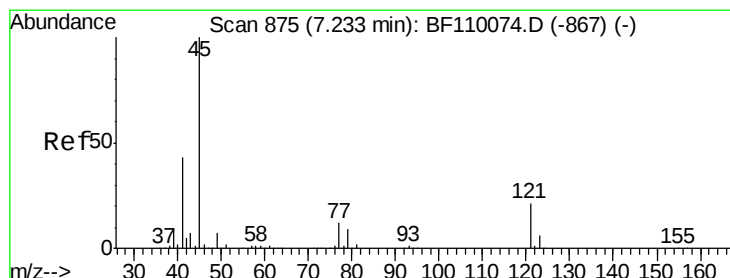
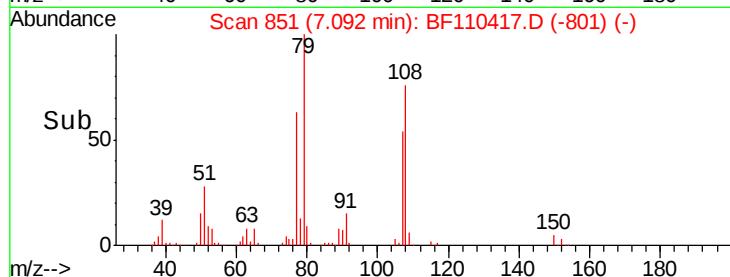
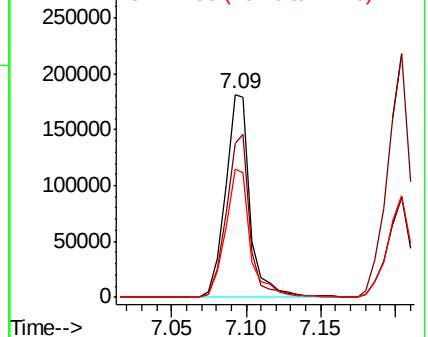
79 100

108 75.8 56.3 84.5

77 63.4 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: 34.988 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF110417.D

Acq: 2 Nov 2018 17:43

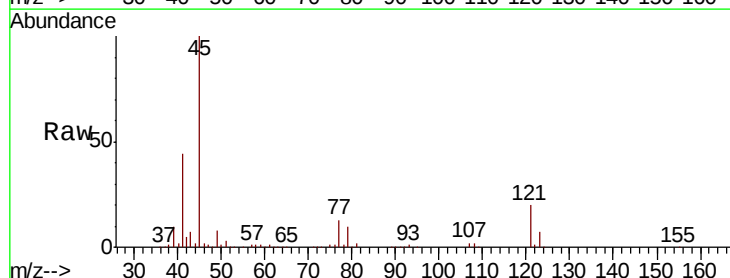
Tgt Ion: 45 Resp: 354967

Ion Ratio Lower Upper

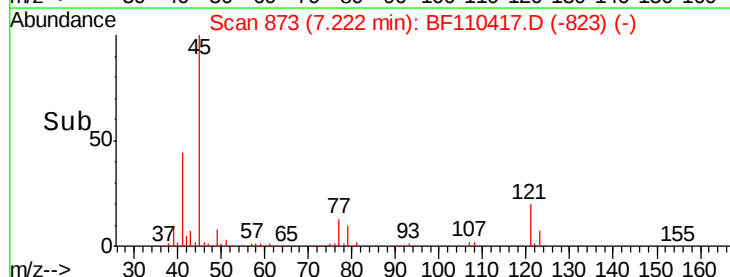
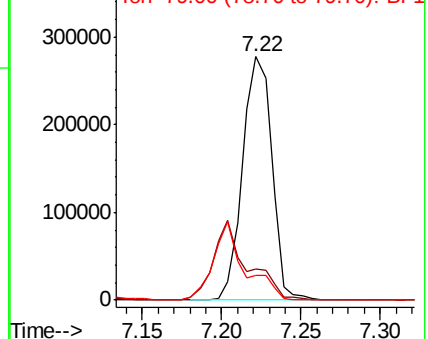
45 100

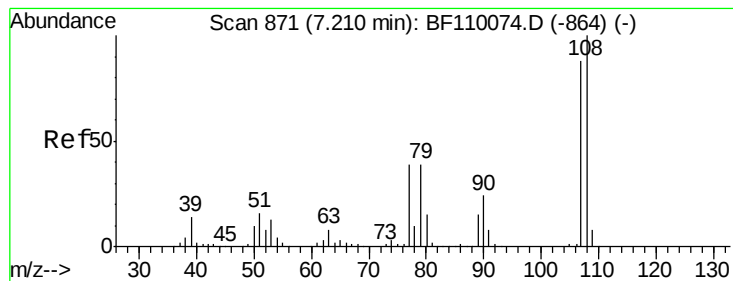
77 13.0 10.0 50.0

79 10.3 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: 38.119 ng

RT: 7.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BF110417.D

Acq: 2 Nov 2018 17:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 197574

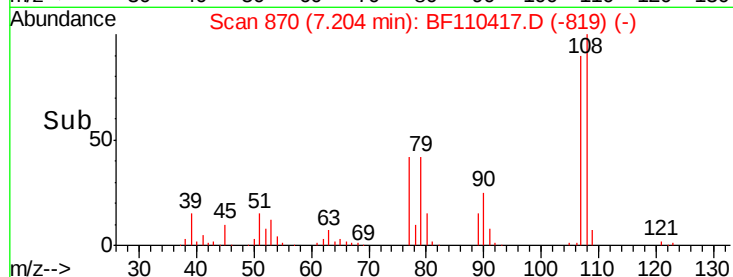
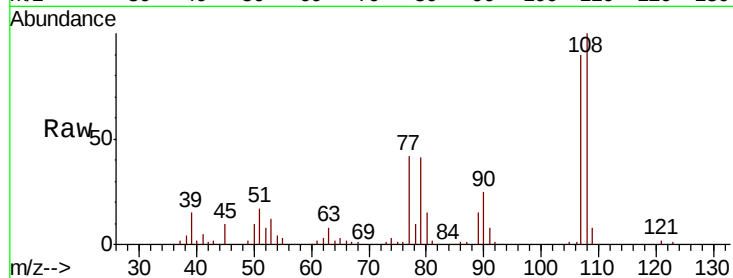
Ion Ratio Lower Upper

107 100

108 111.1 92.6 138.8

77 46.5 59.4 89.2#

79 46.0 54.0 81.0#



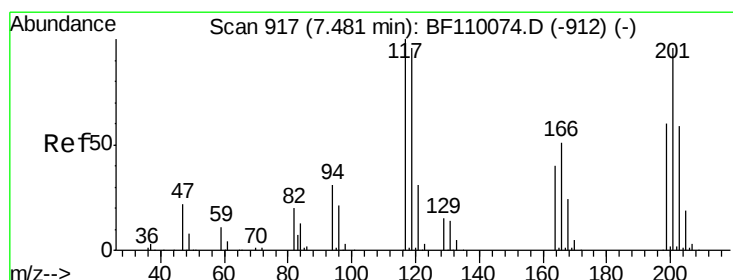
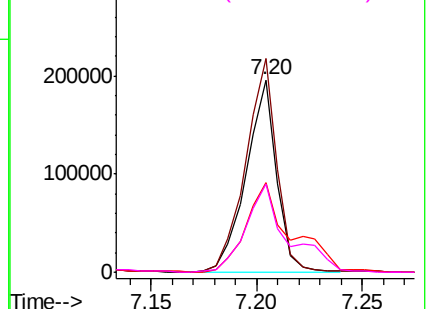
Abundance

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: 35.218 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.01 min

Lab File: BF110417.D

Acq: 2 Nov 2018 17:43

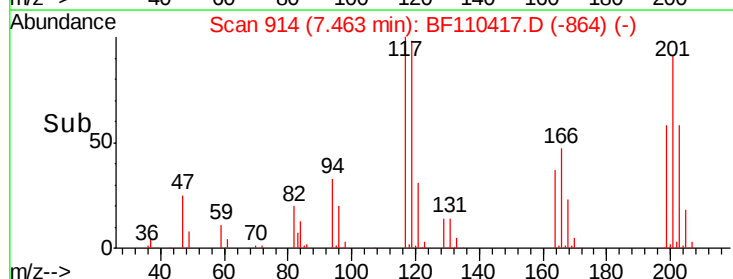
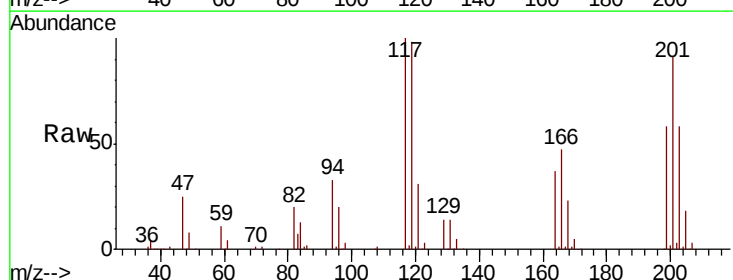
Tgt Ion:117 Resp: 93331

Ion Ratio Lower Upper

117 100

119 98.3 75.0 112.6

201 91.3 79.2 118.8

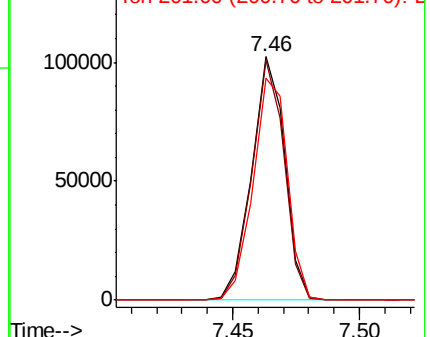


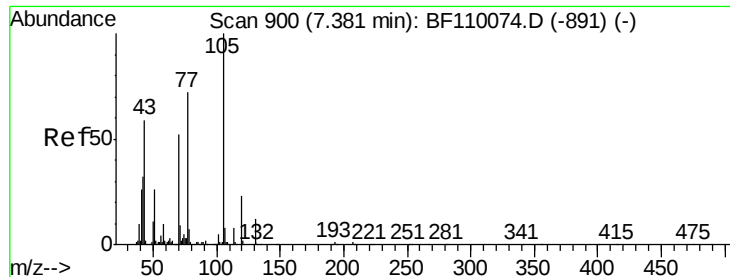
Abundance

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

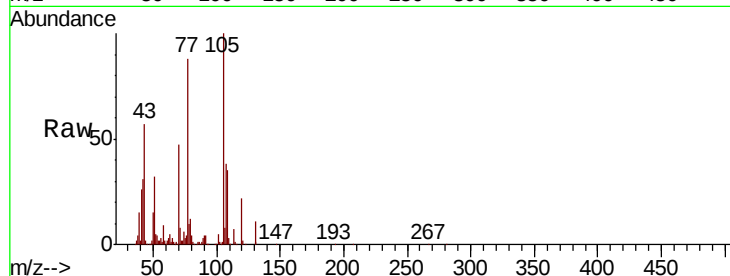




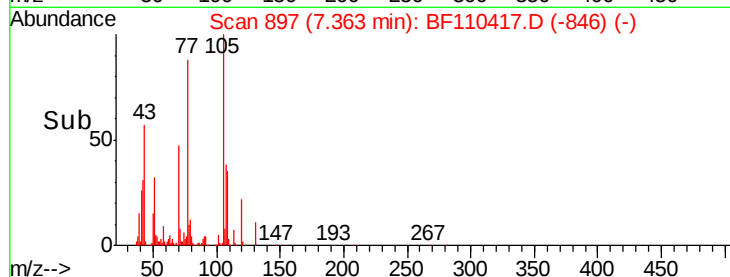
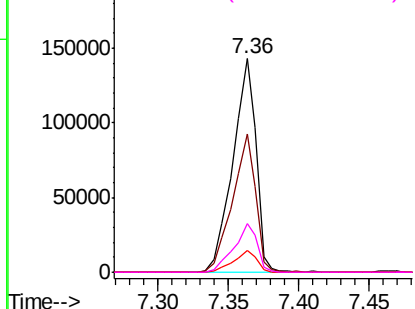
#19
n-Nitroso-di-n-propylamine
Concen: 35.384 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF110417.D
Acq: 2 Nov 2018 17:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 163789
Ion Ratio Lower Upper
70 100
42 64.7 47.4 71.2
101 10.2 7.3 10.9
130 23.1 16.2 24.2



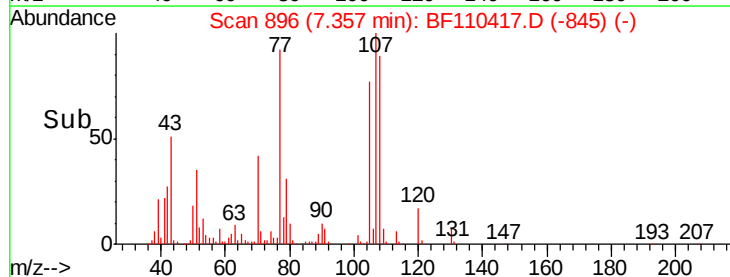
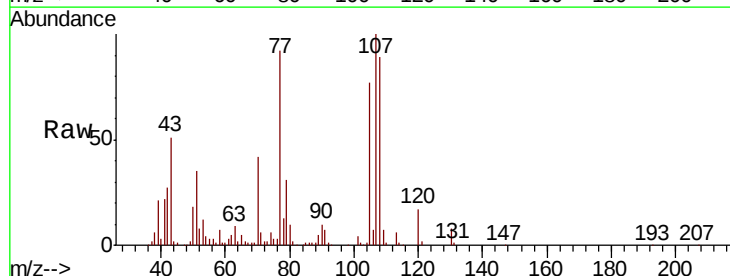
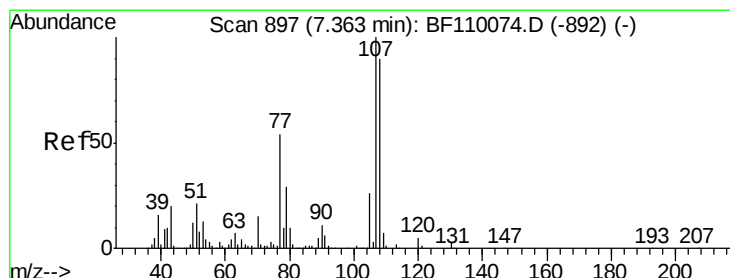
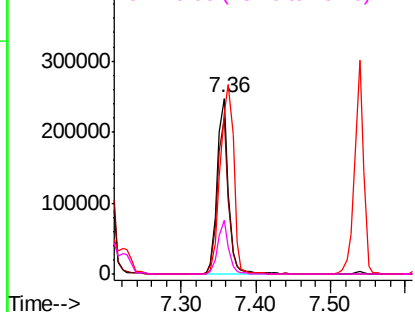
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

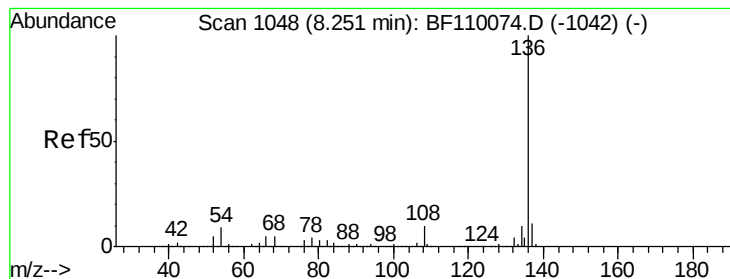


#20
3+4-Methylphenols
Concen: 38.277 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF110417.D
Acq: 2 Nov 2018 17:43

Tgt Ion:107 Resp: 256444
Ion Ratio Lower Upper
107 100
108 88.9 71.4 111.4
77 91.7 47.3 87.3#
79 30.9 10.9 50.9

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF110417.D

Acq: 2 Nov 2018 17:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 384859

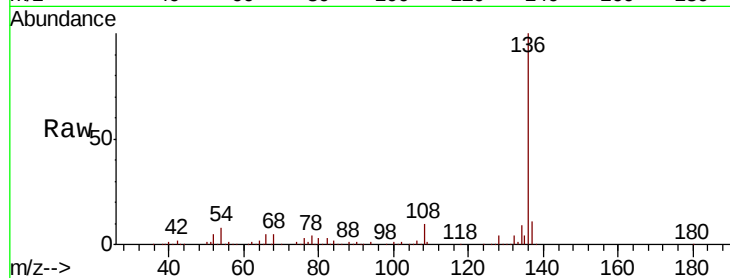
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 7.6 5.4 8.2

68 4.9 4.2 6.2

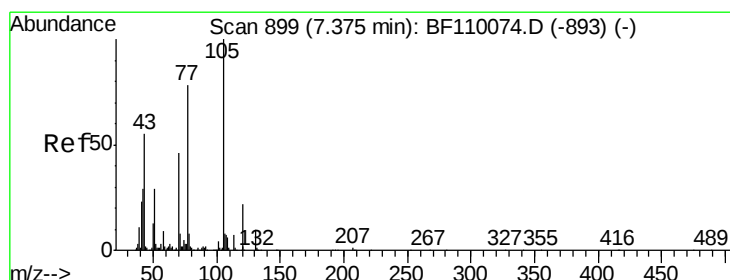
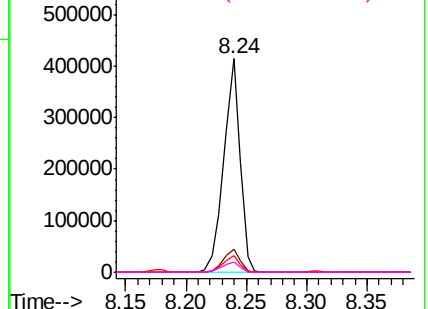
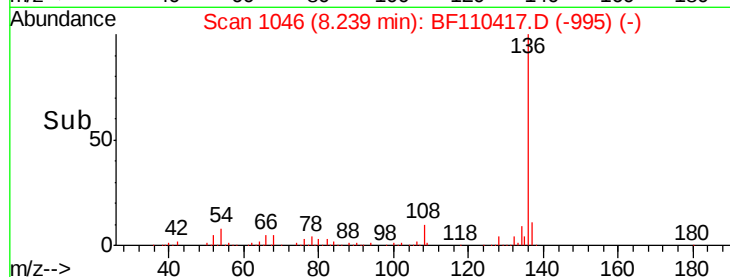


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.077 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF110417.D

Acq: 2 Nov 2018 17:43

Tgt Ion:105 Resp: 337667

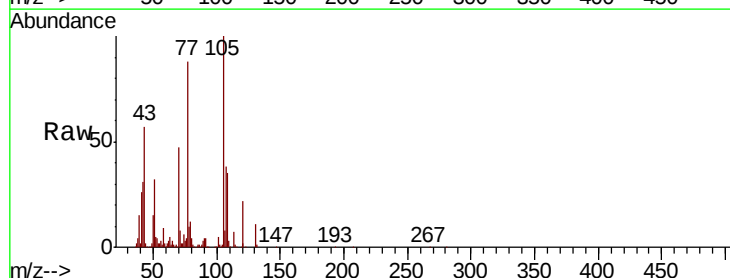
Ion Ratio Lower Upper

105 100

71 7.8 5.2 7.8

51 32.4 21.8 32.8

120 21.7 17.0 25.4

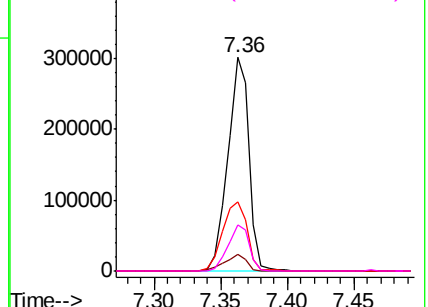
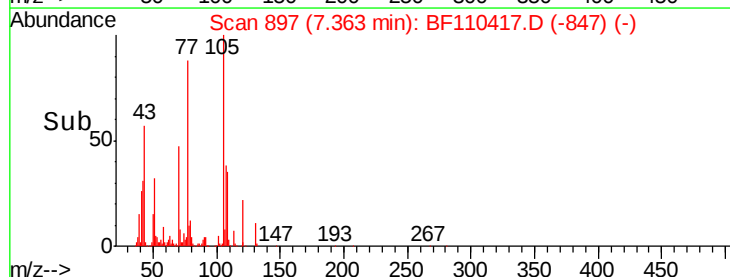


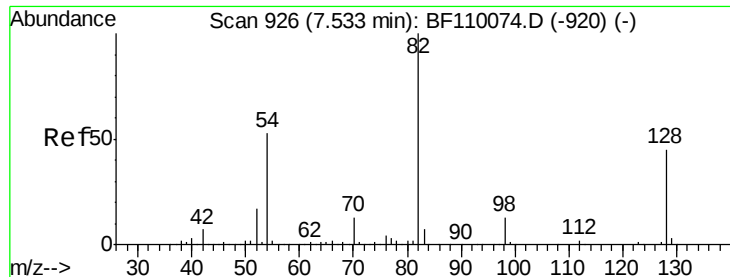
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

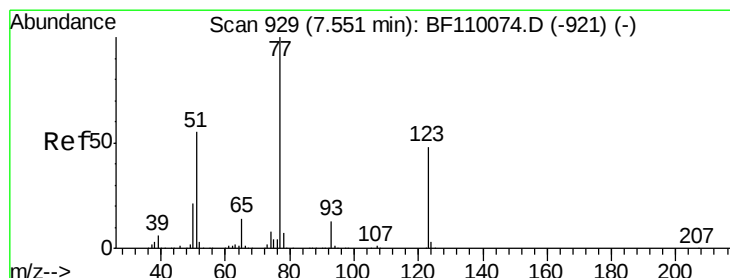
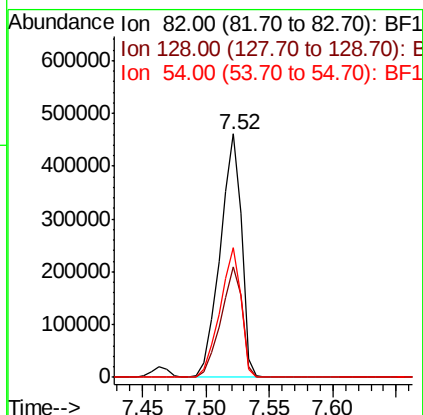
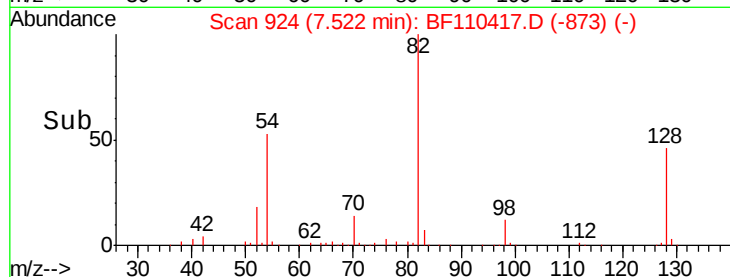
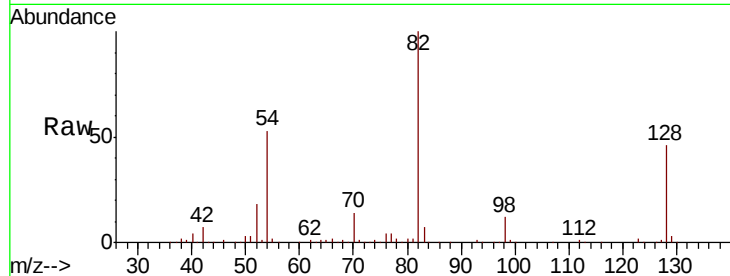




#23
Nitrobenzene-d5
Concen: 83.170 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF110417.D
Acq: 2 Nov 2018 17:43

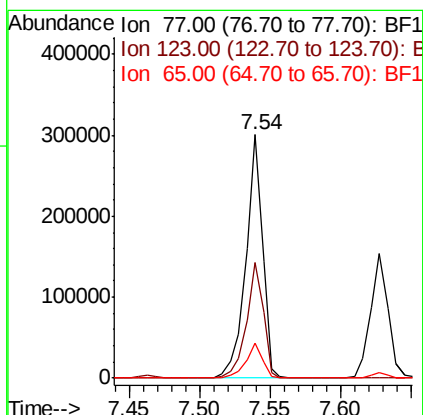
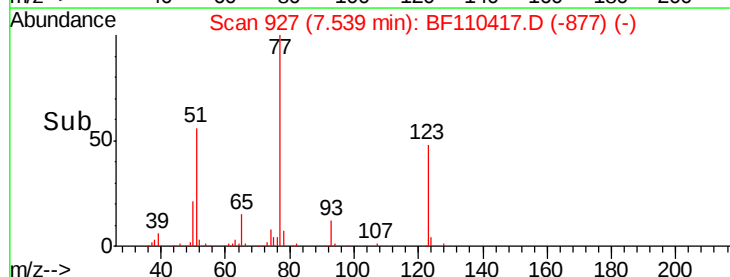
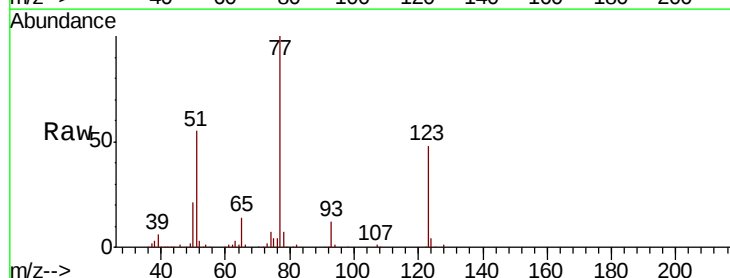
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 539653
Ion Ratio Lower Upper
82 100
128 45.5 34.2 51.2
54 53.1 38.6 58.0



#24
Nitrobenzene
Concen: 36.917 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF110417.D
Acq: 2 Nov 2018 17:43

Tgt Ion: 77 Resp: 247308
Ion Ratio Lower Upper
77 100
123 47.7 35.7 53.5
65 14.4 10.7 16.1

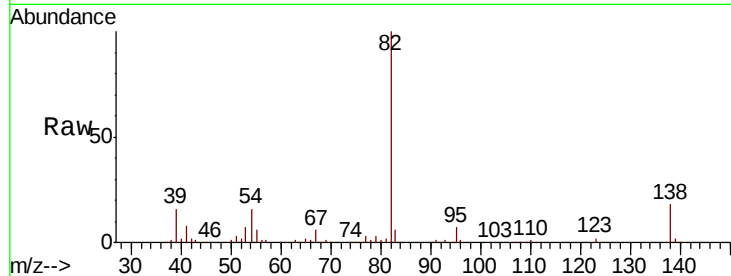




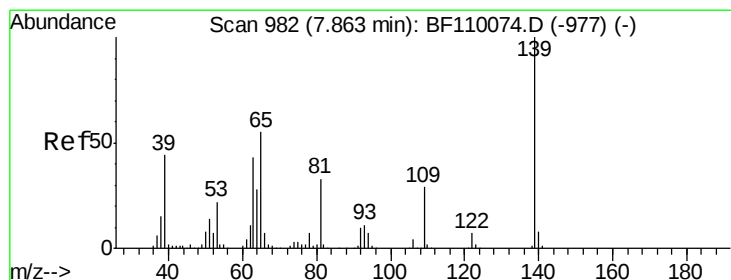
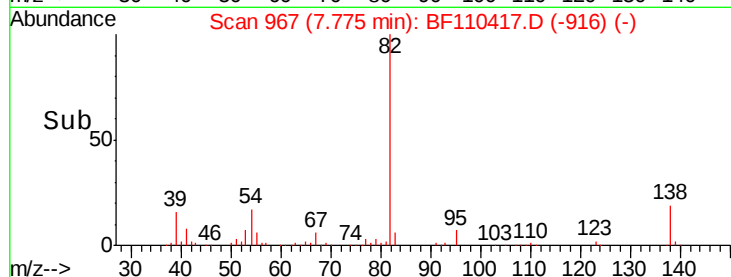
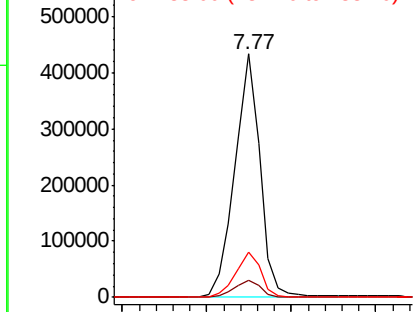
#25
Isophorone
Concen: 40.836 ng
RT: 7.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BF110417.D
Acq: 2 Nov 2018 17:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 451663
Ion Ratio Lower Upper
82 100
95 7.3 5.7 8.5
138 18.5 13.2 19.8

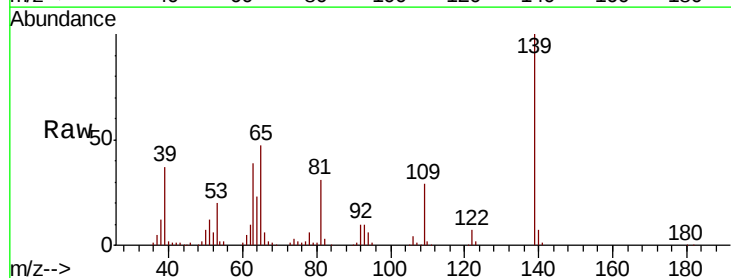


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

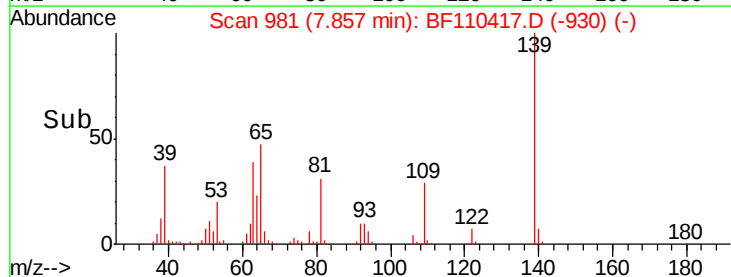
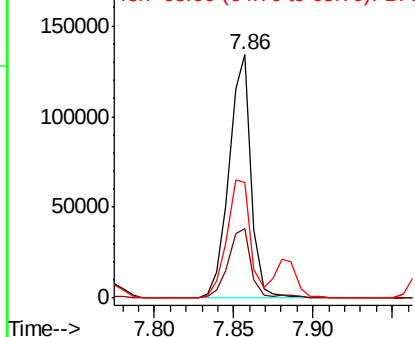


#26
2-Nitrophenol
Concen: 40.615 ng
RT: 7.86 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF110417.D
Acq: 2 Nov 2018 17:43

Tgt Ion: 139 Resp: 129475
Ion Ratio Lower Upper
139 100
109 28.5 25.0 37.6
65 47.2 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

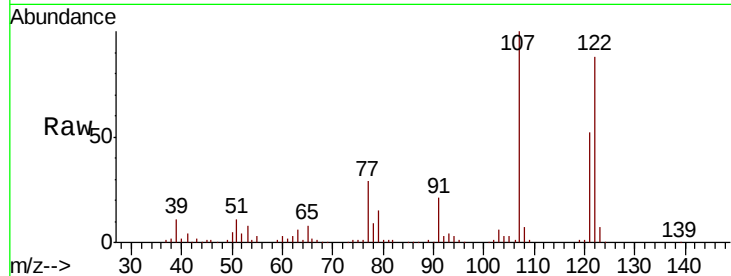




#27
2,4-Dimethylphenol
Concen: 42.597 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF110417.D
Acq: 2 Nov 2018 17:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.4	92.5	138.7
121	58.6	45.8	68.8

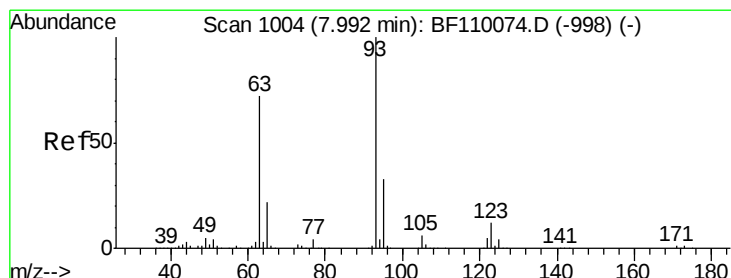
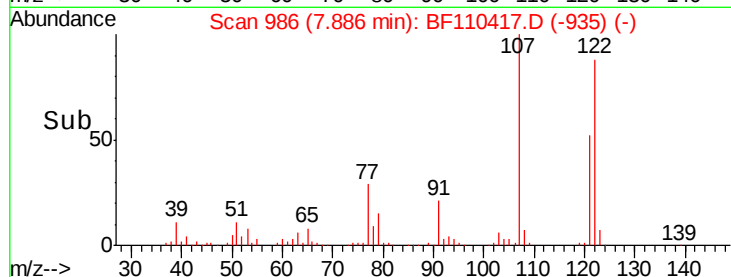
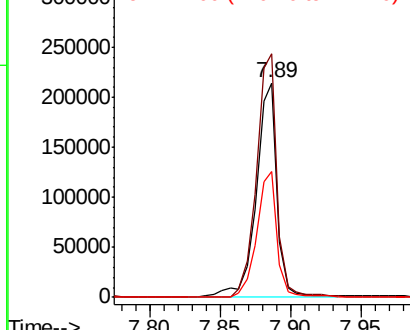


Abundance

Ion 122.00 (121.70 to 122.70): E

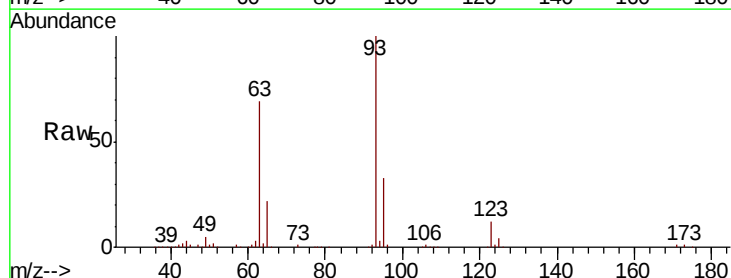
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 37.732 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BF110417.D
Acq: 2 Nov 2018 17:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.4	39.6
123	12.0	9.0	13.6

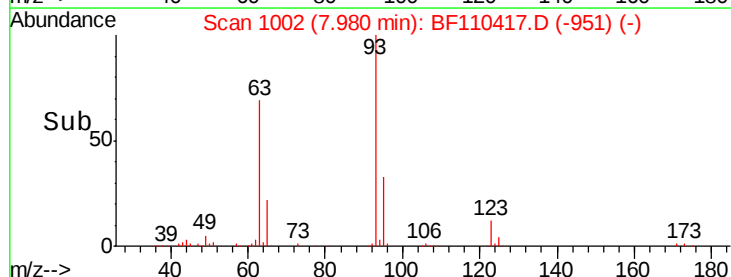
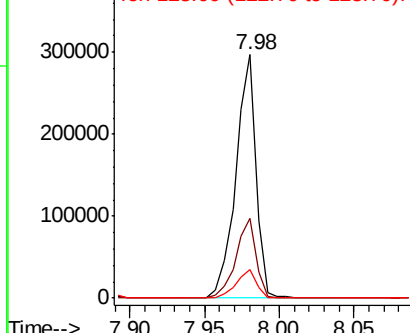


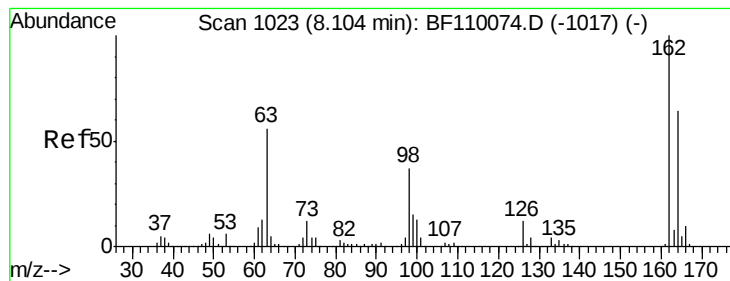
Abundance

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: 38.292 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF110417.D

Acq: 2 Nov 2018 17:43

Instrument :

BNA_F

ClientSampleId :

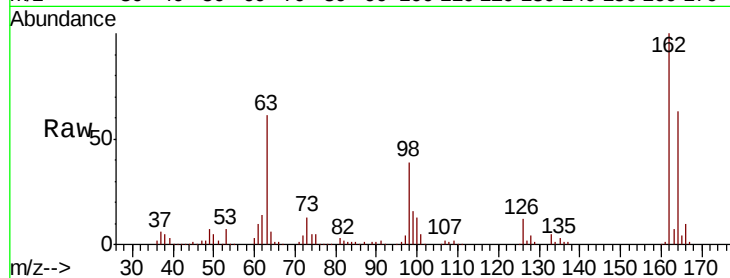
Tot Ion:162 Resp: 204467

Ion Ratio Lower Upper

162 100

164 62.8 44.6 84.6

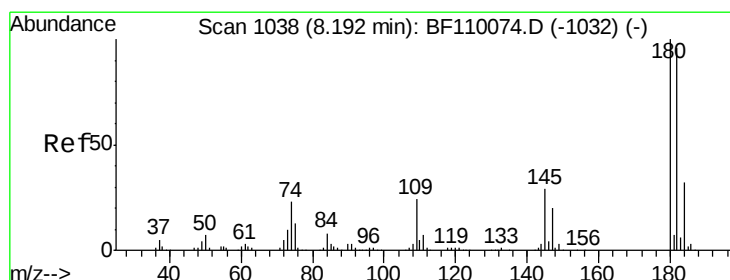
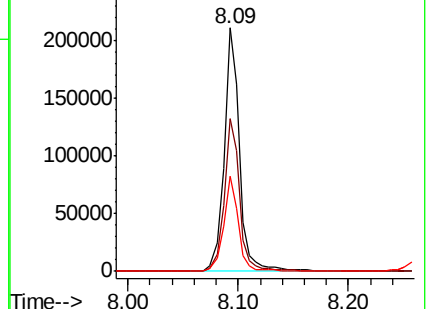
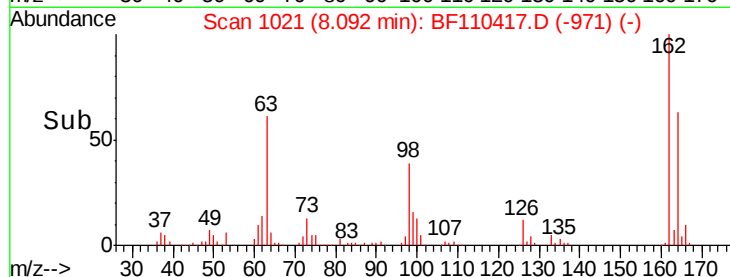
98 39.2 17.4 57.4



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: 36.221 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF110417.D

Acq: 2 Nov 2018 17:43

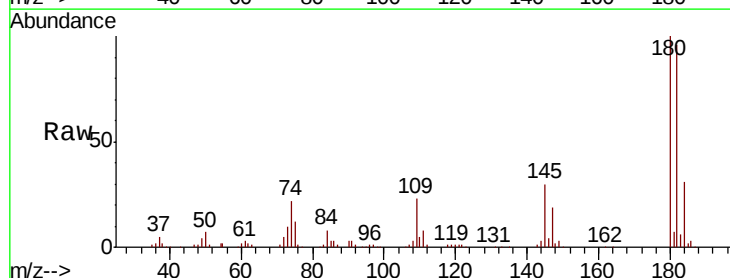
Tgt Ion:180 Resp: 216639

Ion Ratio Lower Upper

180 100

182 96.4 80.3 120.5

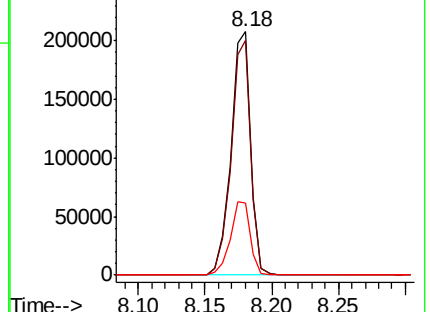
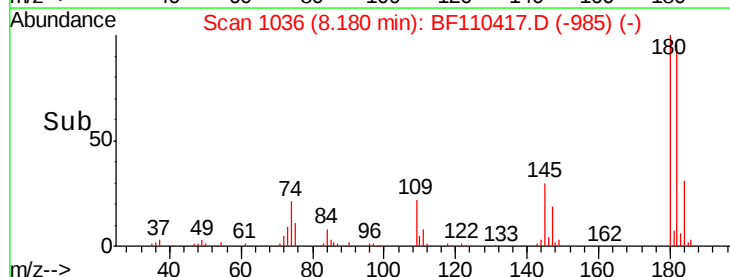
145 29.8 25.4 38.0

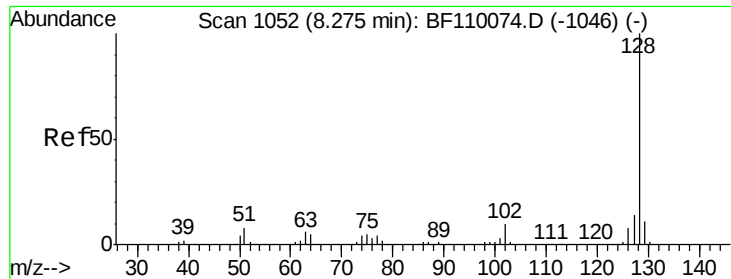


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

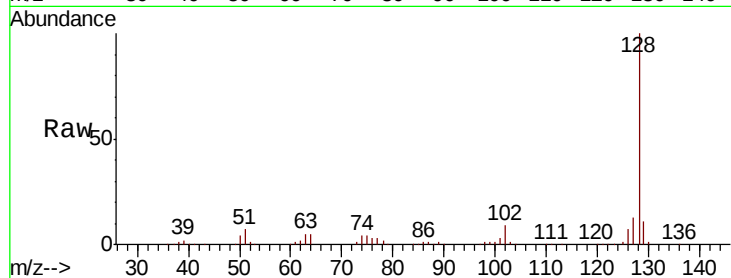




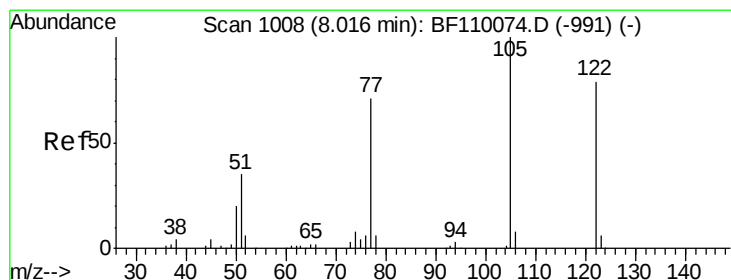
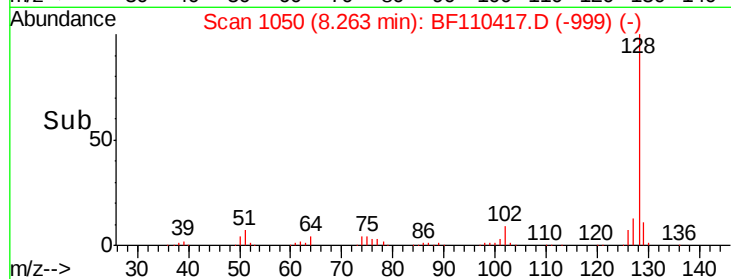
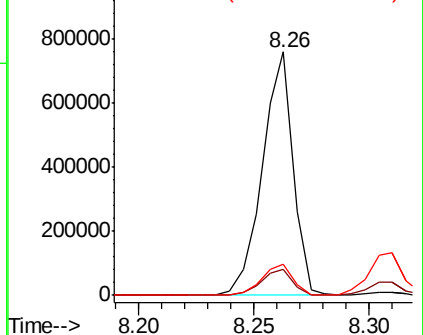
#31
Naphthalene
Concen: 39.772 ng
RT: 8.26 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF110417.D
Acq: 2 Nov 2018 17:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 705457
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 12.9 10.8 16.2

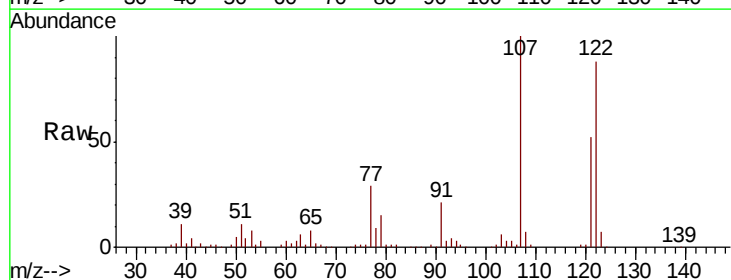


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

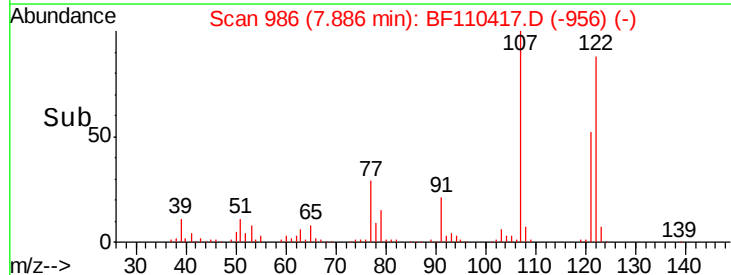
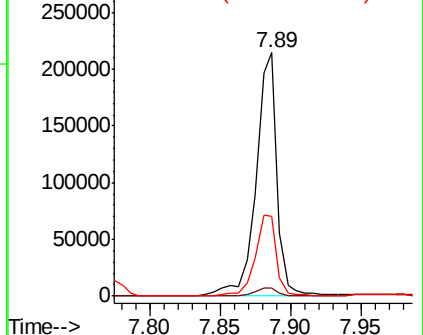


#32
Benzoic acid
Concen: 55.115 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.12 min
Lab File: BF110417.D
Acq: 2 Nov 2018 17:43

Tgt Ion:122 Resp: 225137
Ion Ratio Lower Upper
122 100
105 3.6 109.0 149.0#
77 32.8 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

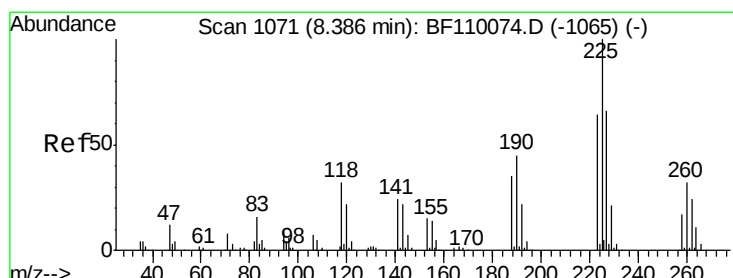
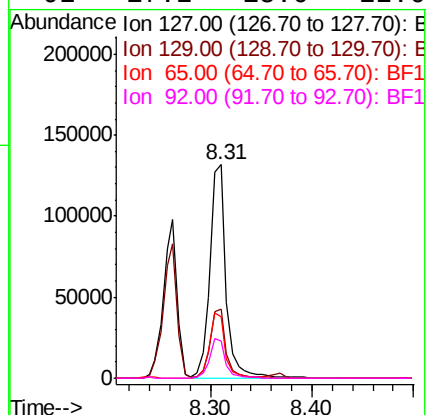
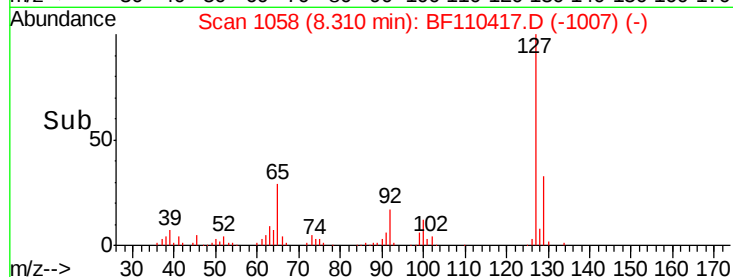
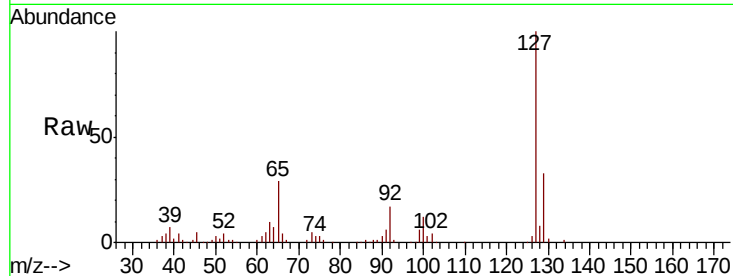




#33
4-Chloroaniline
Concen: 18.414 ng
RT: 8.31 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BF110417.D
Acq: 2 Nov 2018 17:43

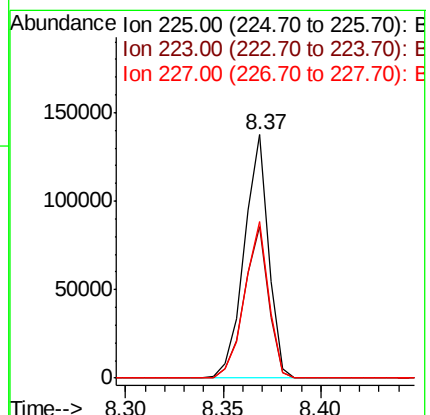
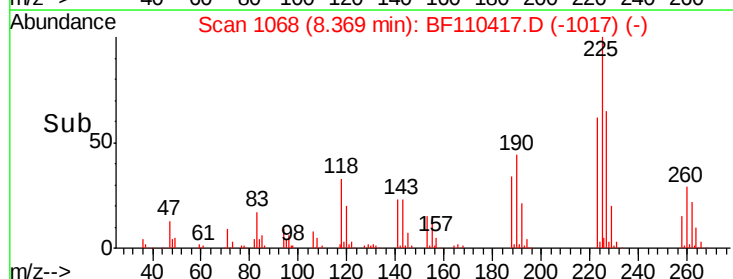
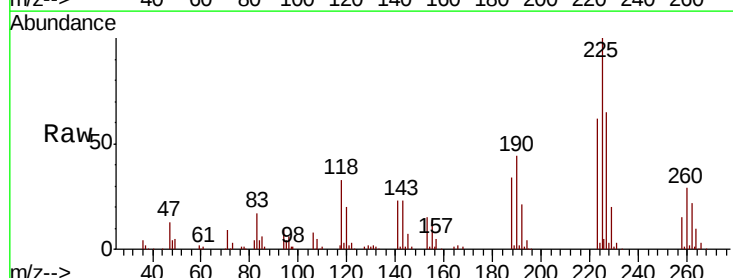
Instrument :
BNA_F
ClientSampleId :

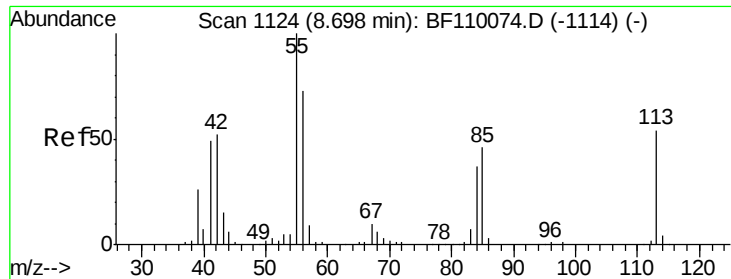
Tot Ion:	127	Resp:	147002
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.0	39.0
65	28.8	25.1	37.7
92	17.2	15.0	22.6



#34
Hexachlorobutadiene
Concen: 35.695 ng
RT: 8.37 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BF110417.D
Acq: 2 Nov 2018 17:43

Tgt Ion:	225	Resp:	118540
Ion	Ratio	Lower	Upper
225	100		
223	62.4	51.4	77.2
227	64.5	51.0	76.6

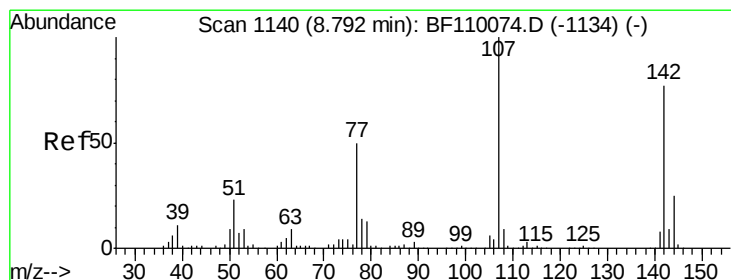
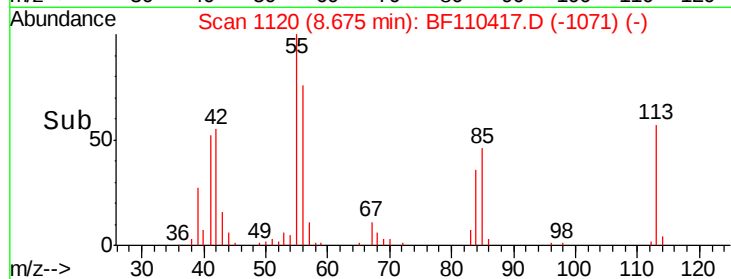
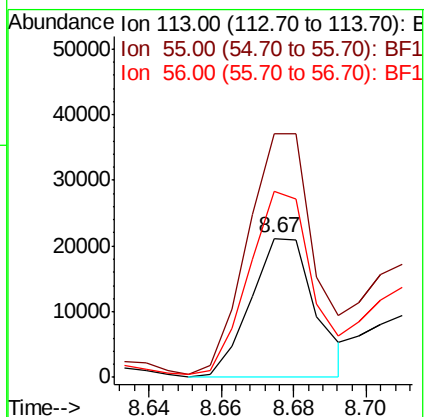
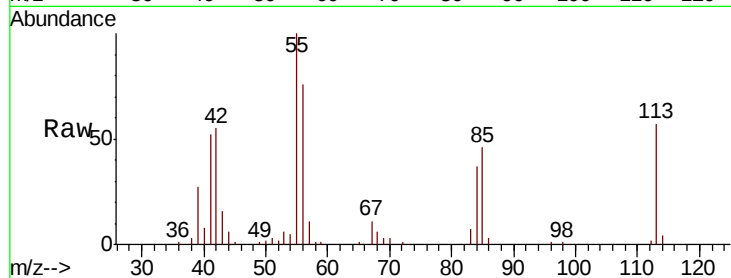




#35
Caprolactam
Concen: 14.062 ng
RT: 8.67 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF110417.D
Acq: 2 Nov 2018 17:43

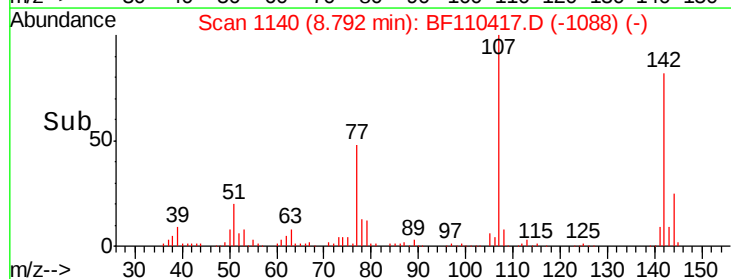
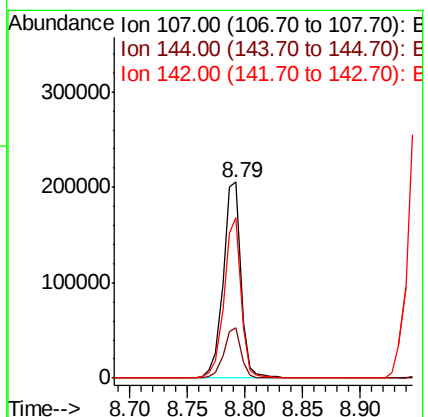
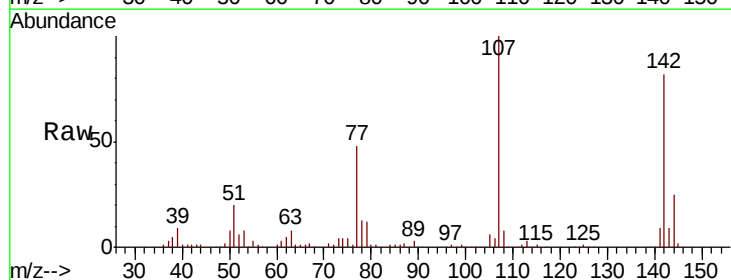
Instrument :
BNA_F
ClientSampled :

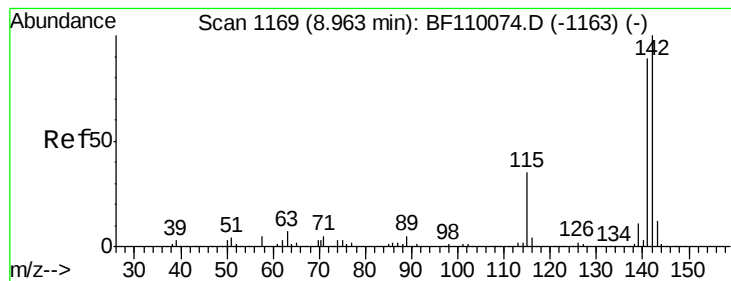
Tot Ion:113 Resp: 26170
Ion Ratio Lower Upper
113 100
55 175.5 142.8 182.8
56 134.2 105.0 145.0



#36
4-Chloro-3-methylphenol
Concen: 38.213 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.01 min
Lab File: BF110417.D
Acq: 2 Nov 2018 17:43

Tgt Ion:107 Resp: 220644
Ion Ratio Lower Upper
107 100
144 25.4 20.0 30.0
142 81.8 59.7 89.5

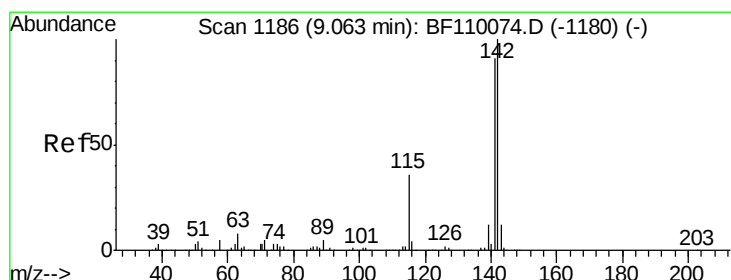
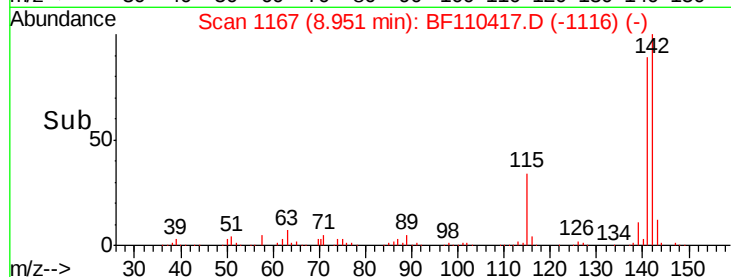
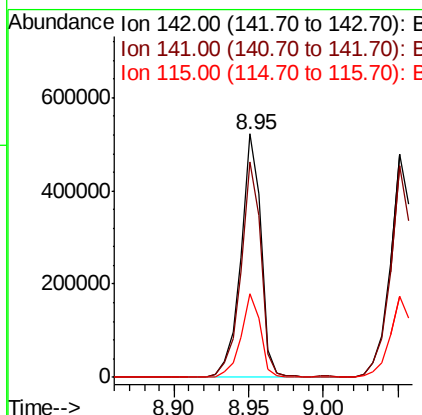
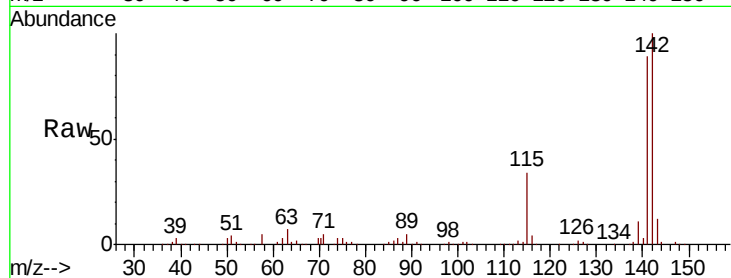




#37
 2-Methylnaphthalene
 Concen: 41.725 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF110417.D
 Acq: 2 Nov 2018 17:43

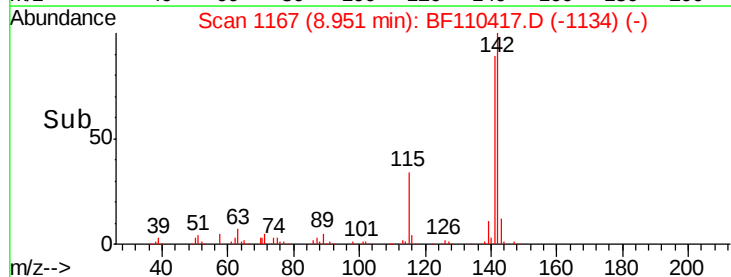
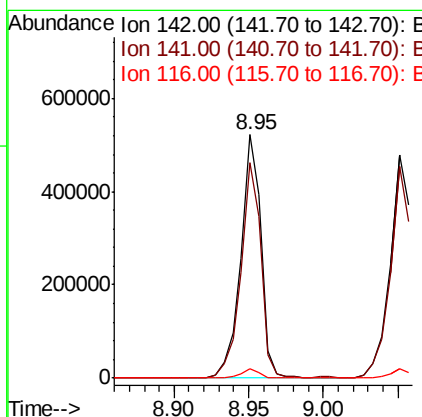
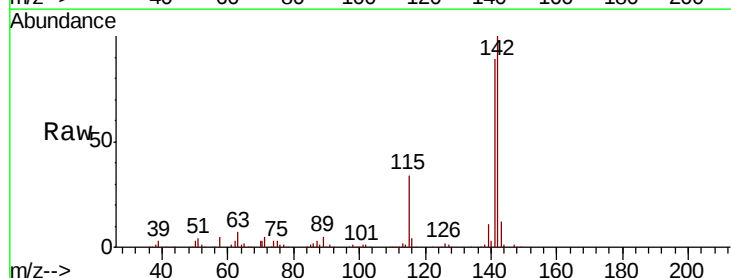
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.4	107.2
115	34.2	28.7	43.1



#38
 1-Methylnaphthalene
 Concen: 43.177 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.11 min
 Lab File: BF110417.D
 Acq: 2 Nov 2018 17:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.6	74.2	111.4
116	3.6	2.6	4.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF110417.D

Acq: 2 Nov 2018 17:43

Instrument :

BNA_F

ClientSampleId :

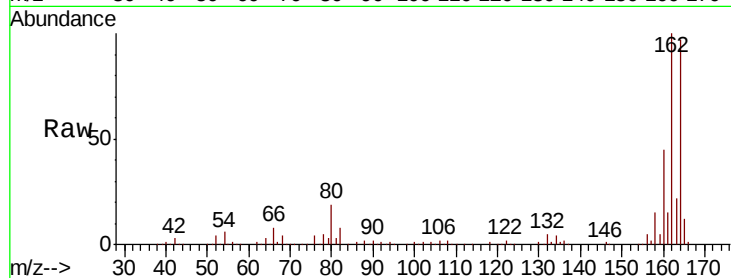
Tot Ion:164 Resp: 181224

Ion Ratio Lower Upper

164 100

162 102.8 83.0 124.6

160 45.8 37.0 55.6

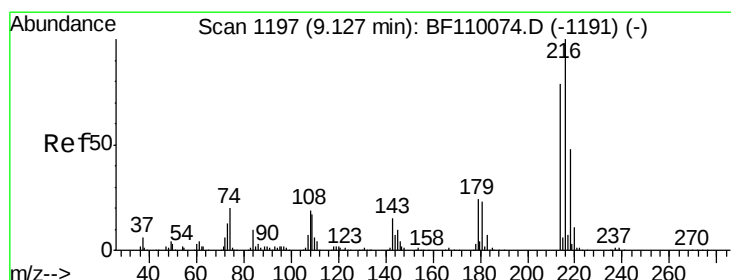
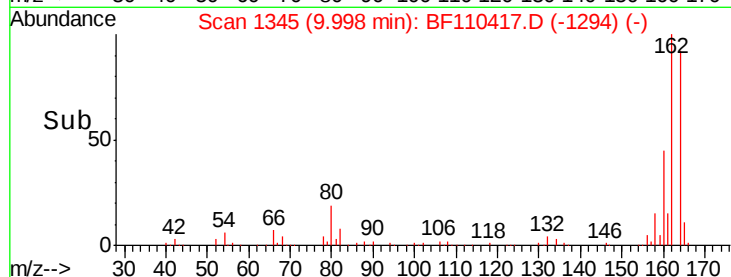
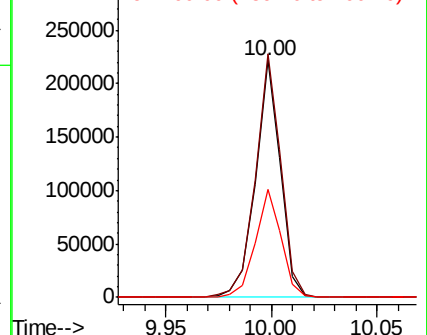


Abundance

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: 37.072 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF110417.D

Acq: 2 Nov 2018 17:43

Tgt Ion:216 Resp: 209328

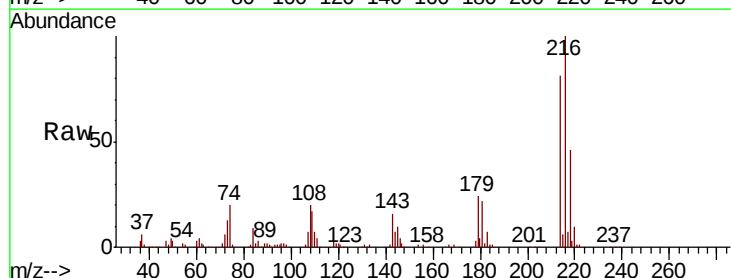
Ion Ratio Lower Upper

216 100

214 78.9 63.8 95.6

179 22.5 16.6 25.0

108 20.1 15.1 22.7



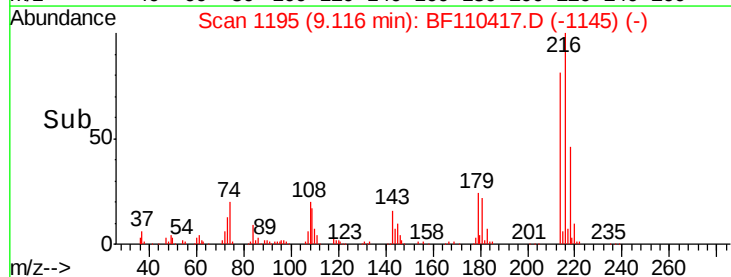
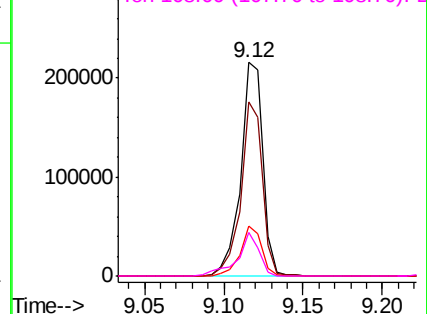
Abundance

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: 54.098 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF110417.D

Acq: 2 Nov 2018 17:43

Instrument :

BNA_F

ClientSampleId :

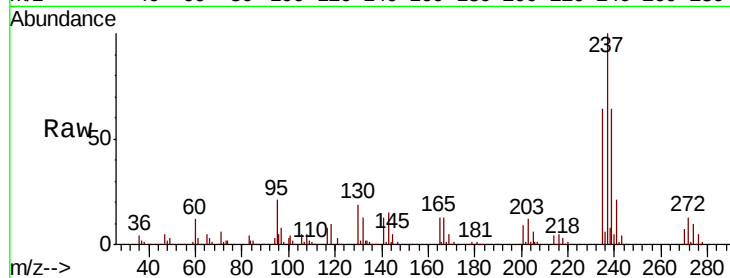
Tot Ion:237 Resp: 156196

Ion Ratio Lower Upper

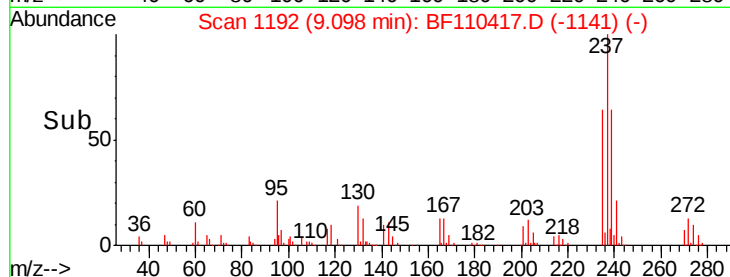
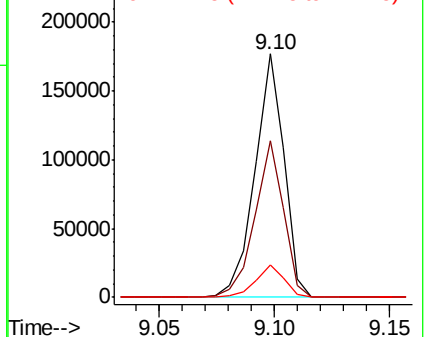
237 100

235 64.1 43.1 83.1

272 13.3 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: 110.836 ng

RT: 10.79 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BF110417.D

Acq: 2 Nov 2018 17:43

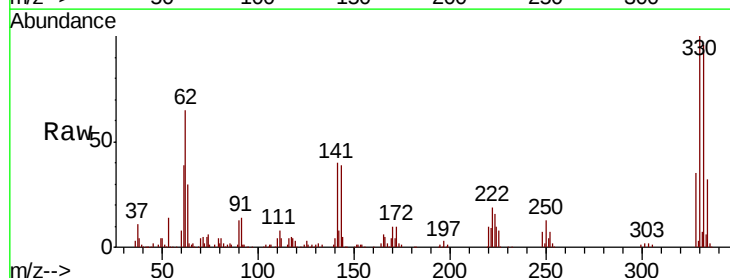
Tgt Ion:330 Resp: 198967

Ion Ratio Lower Upper

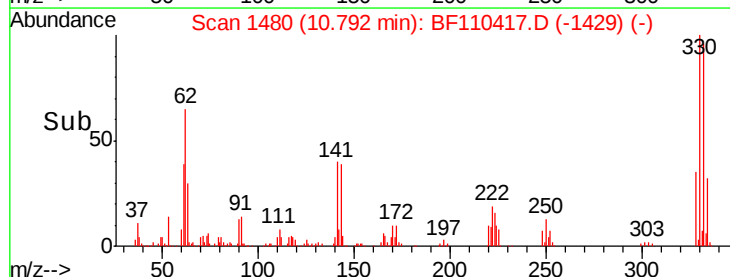
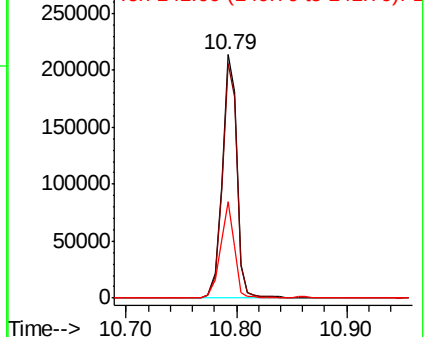
330 100

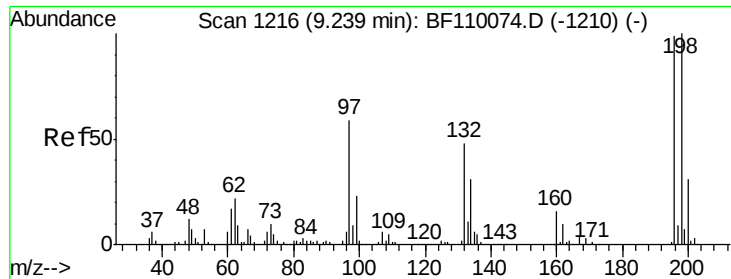
332 96.3 77.1 115.7

141 36.9 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

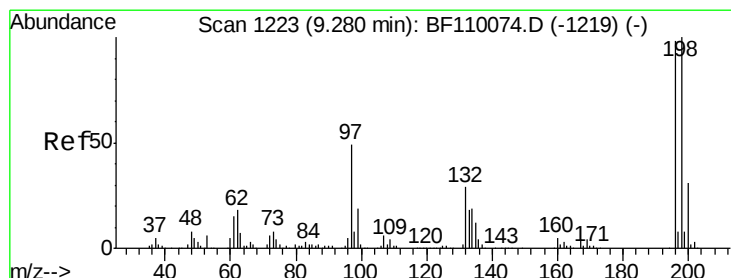
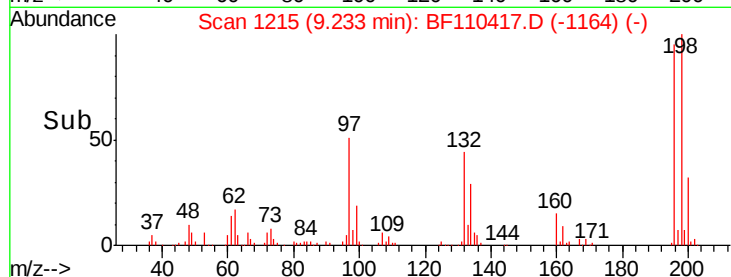
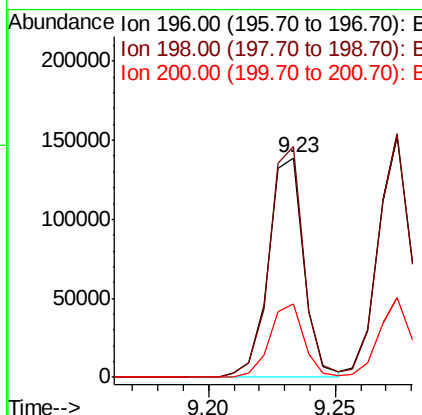
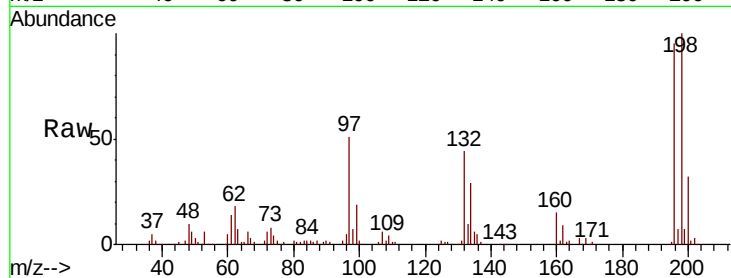




#43
 2,4,6-Trichlorophenol
 Concen: 37.031 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF110417.D
 Acq: 2 Nov 2018 17:43

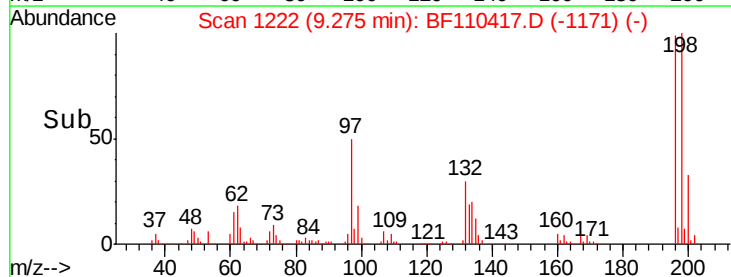
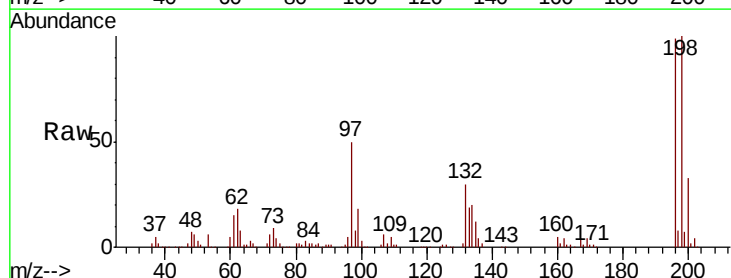
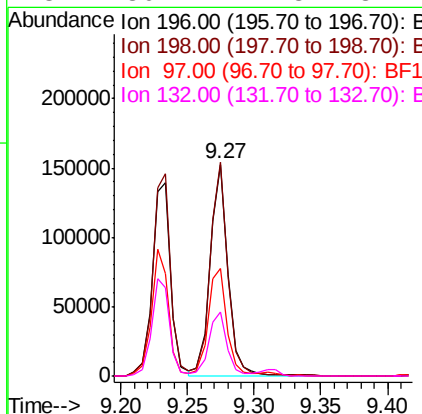
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	134868
Ion Ratio	Lower	Upper	
196	100		
198	105.0	76.2	114.4
200	33.2	24.4	36.6



#44
 2,4,5-Trichlorophenol
 Concen: 37.597 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BF110417.D
 Acq: 2 Nov 2018 17:43

Tgt Ion	196	Resp	144738
Ion Ratio	Lower	Upper	
196	100		
198	101.1	75.8	113.6
97	51.0	42.4	63.6
132	30.1	22.8	34.2

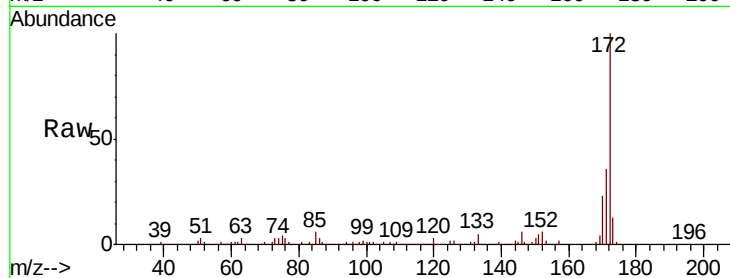




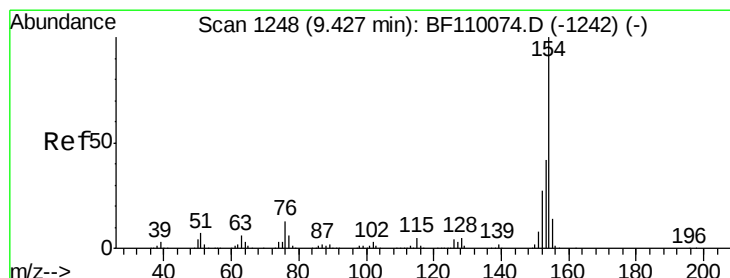
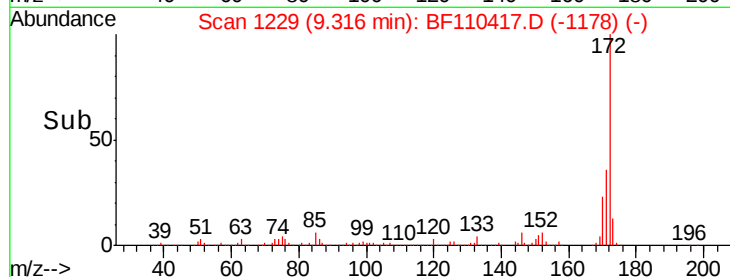
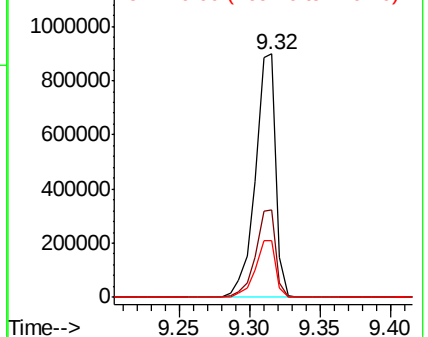
#45
2-Fluorobiphenyl
Concen: 79.881 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF110417.D
Acq: 2 Nov 2018 17:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 921907
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 23.2 19.7 29.5

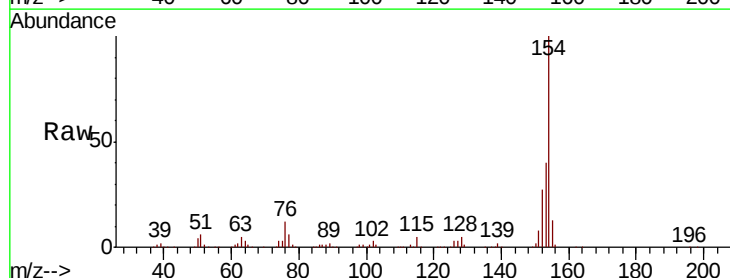


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

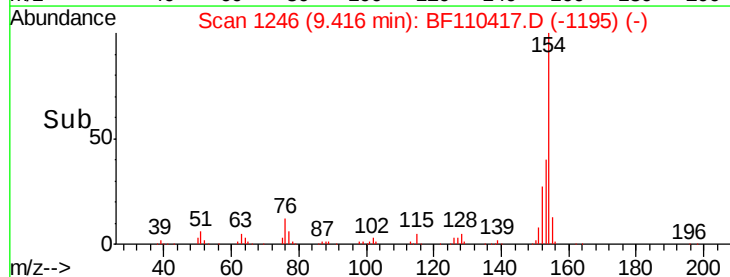
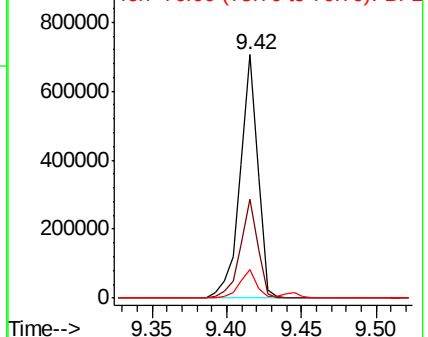


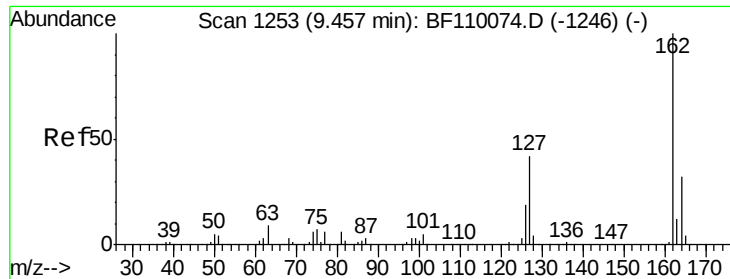
#46
1,1'-Biphenyl
Concen: 35.758 ng
RT: 9.42 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BF110417.D
Acq: 2 Nov 2018 17:43

Tgt Ion:154 Resp: 586005
Ion Ratio Lower Upper
154 100
153 40.4 20.4 60.4
76 11.8 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

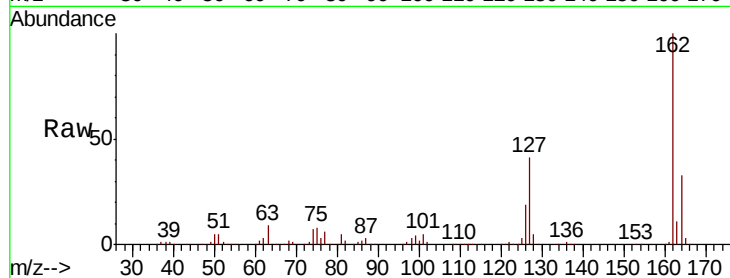




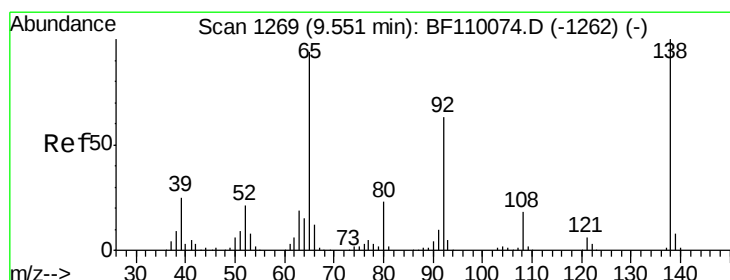
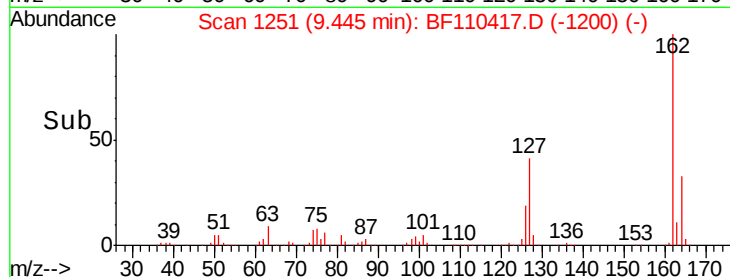
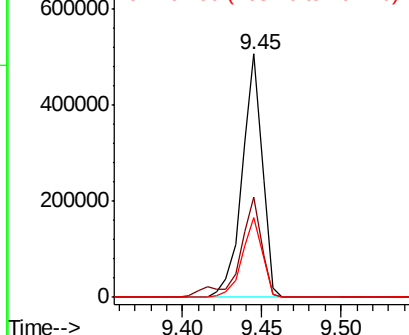
#47
 2-Chloronaphthalene
 Concen: 36.968 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BF110417.D
 Acq: 2 Nov 2018 17:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 444400
 Ion Ratio Lower Upper
 162 100
 127 41.0 32.6 48.8
 164 33.0 25.9 38.9

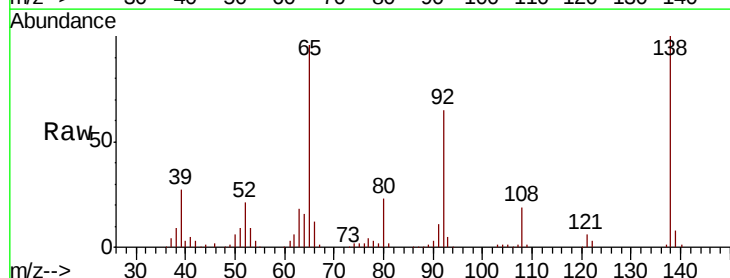


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

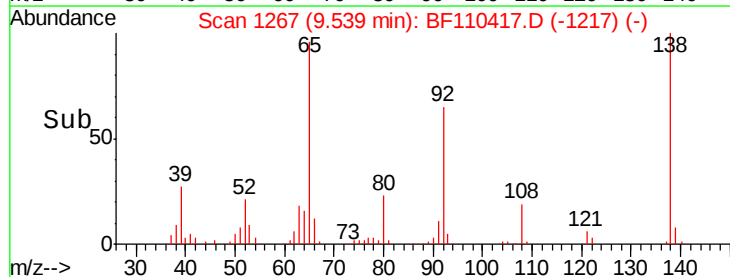
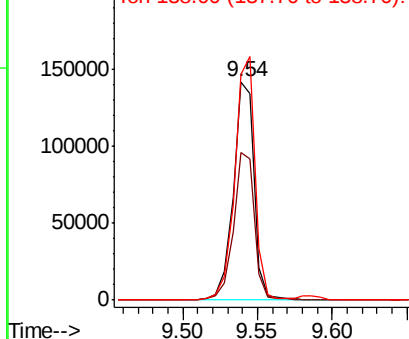


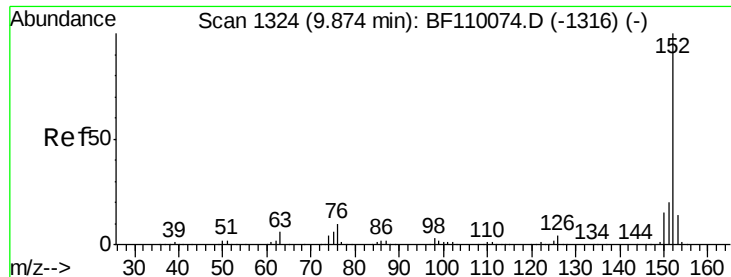
#48
 2-Nitroaniline
 Concen: 38.417 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF110417.D
 Acq: 2 Nov 2018 17:43

Tgt Ion: 65 Resp: 139945
 Ion Ratio Lower Upper
 65 100
 92 67.5 54.6 81.8
 138 103.7 80.3 120.5



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





#49

Acenaphthylene

Concen: 39.671 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF110417.D

Acq: 2 Nov 2018 17:43

Instrument :

BNA_F

ClientSampled :

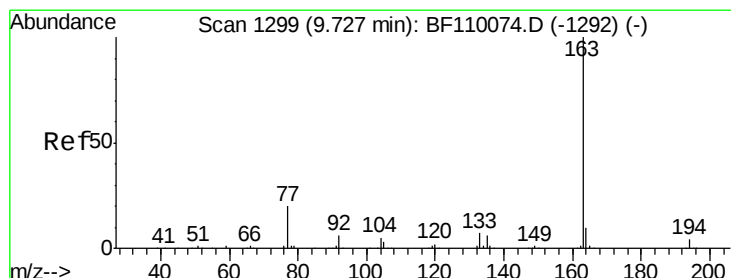
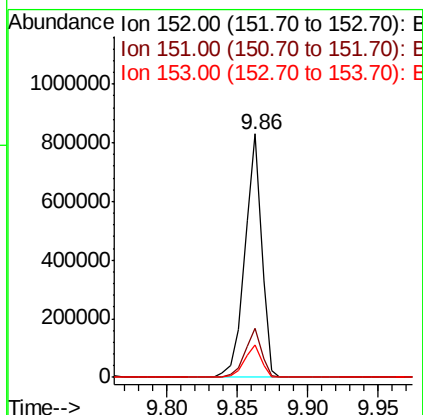
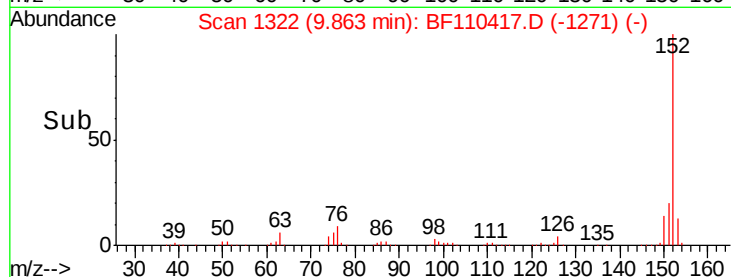
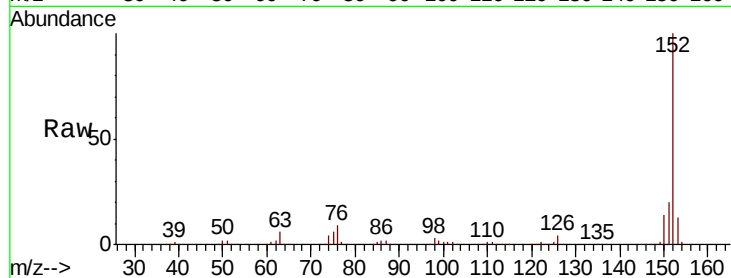
Tot Ion:152 Resp: 688793

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.8

153 13.5 10.4 15.6



#50

Dimethylphthalate

Concen: 49.204 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF110417.D

Acq: 2 Nov 2018 17:43

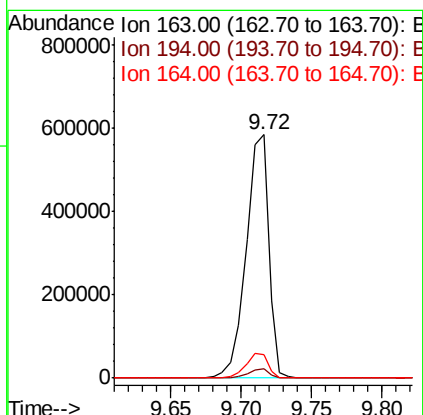
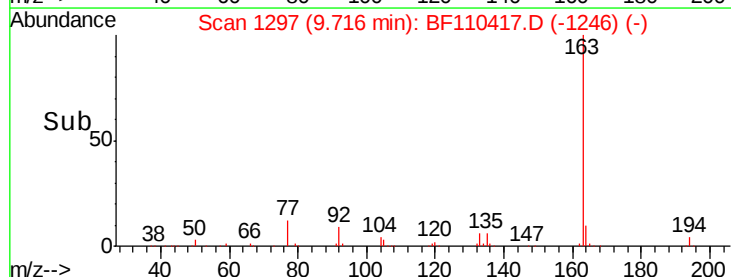
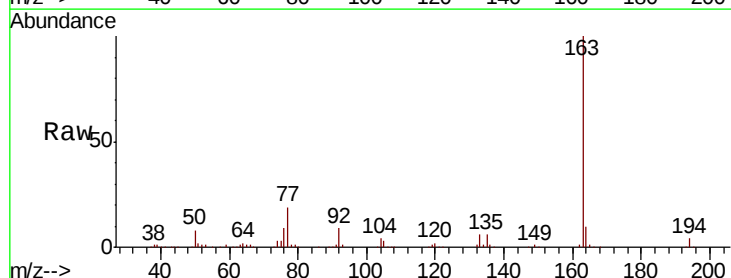
Tgt Ion:163 Resp: 658225

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

164 9.7 8.1 12.1

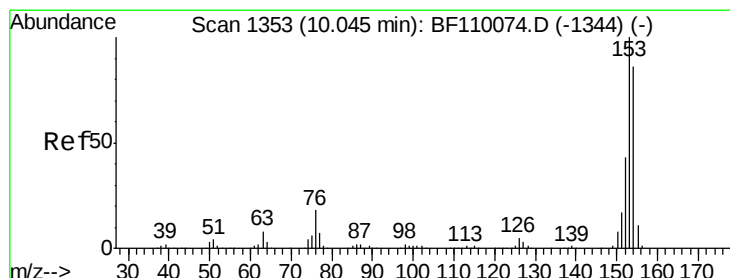
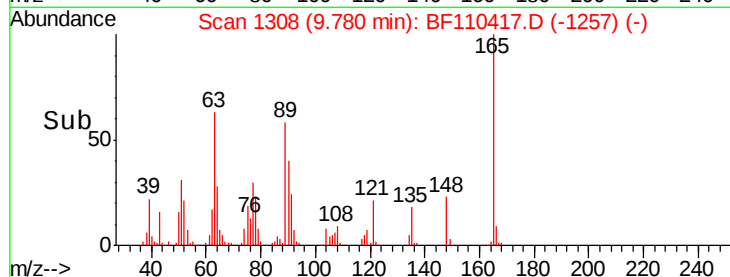
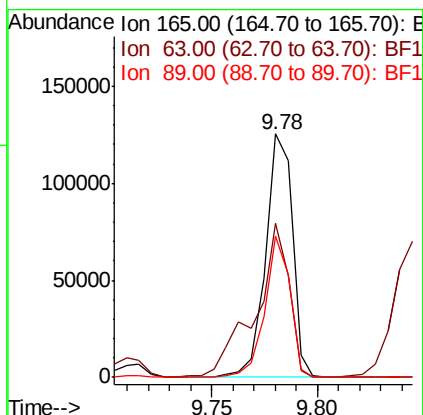
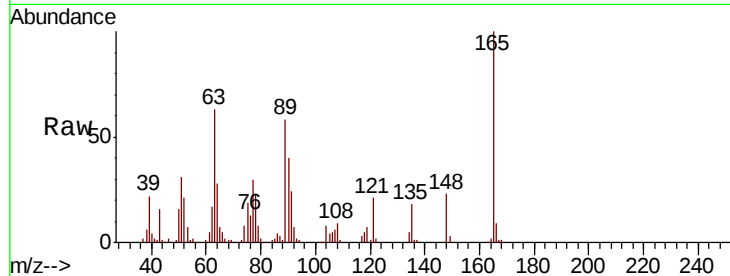




#51
2,6-Dinitrotoluene
Concen: 38.608 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BF110417.D
Acq: 2 Nov 2018 17:43

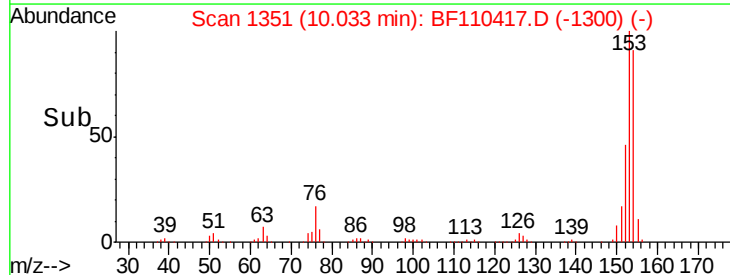
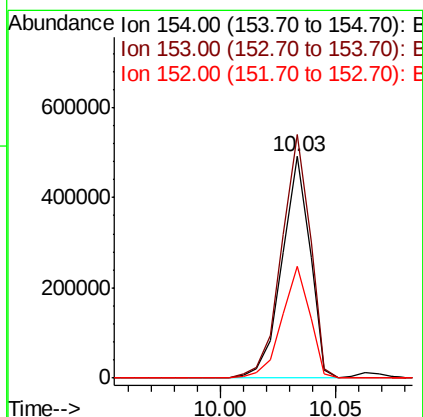
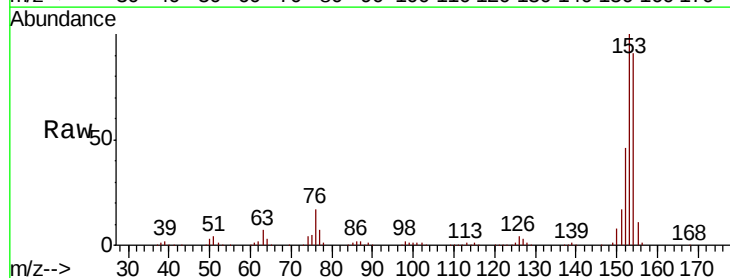
Instrument :
BNA_F
ClientSampleId :

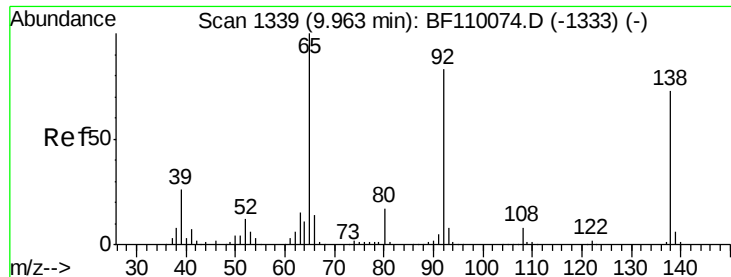
Tot Ion:165 Resp: 111253
Ion Ratio Lower Upper
165 100
63 63.1 48.9 73.3
89 58.0 46.6 69.8



#52
Acenaphthene
Concen: 36.038 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF110417.D
Acq: 2 Nov 2018 17:43

Tgt Ion:154 Resp: 413936
Ion Ratio Lower Upper
154 100
153 109.8 90.1 135.1
152 50.2 43.4 65.2

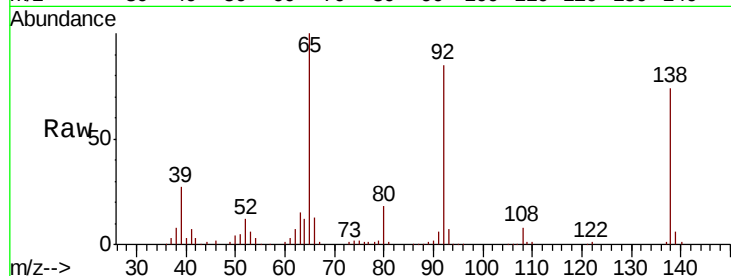




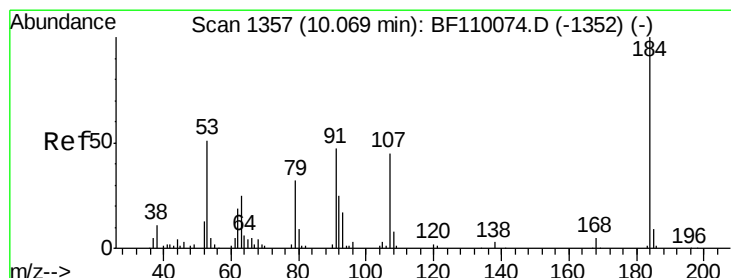
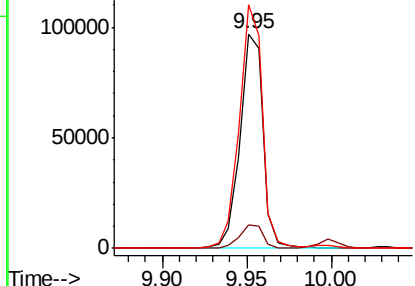
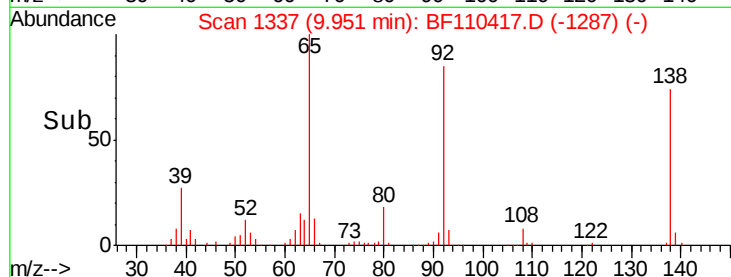
#53
3-Nitroaniline
Concen: 26.933 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF110417.D
Acq: 2 Nov 2018 17:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 92291
Ion Ratio Lower Upper
138 100
108 11.0 8.7 13.1
92 113.6 97.0 145.4

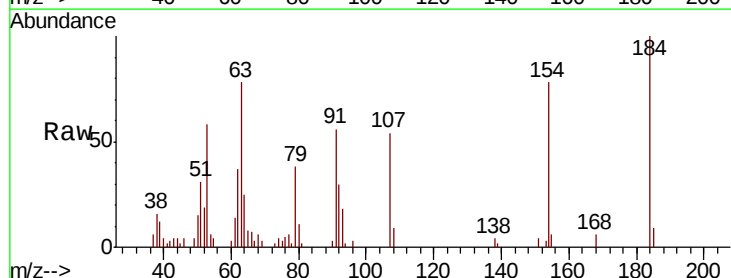


Abundance Ion 138.00 (137.70 to 138.70): E
150000
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

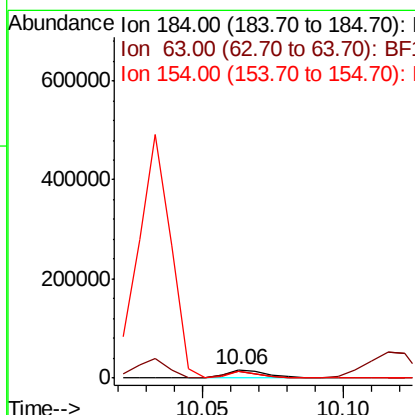
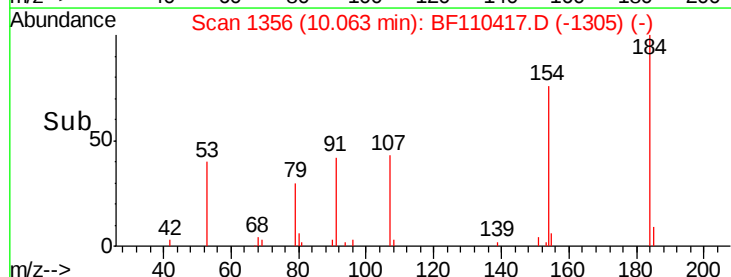


#54
2,4-Dinitrophenol
Concen: 19.212 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF110417.D
Acq: 2 Nov 2018 17:43

Tgt Ion:184 Resp: 17163
Ion Ratio Lower Upper
184 100
63 78.0 55.8 83.6
154 77.9 63.2 94.8



Abundance Ion 184.00 (183.70 to 184.70): E
600000
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

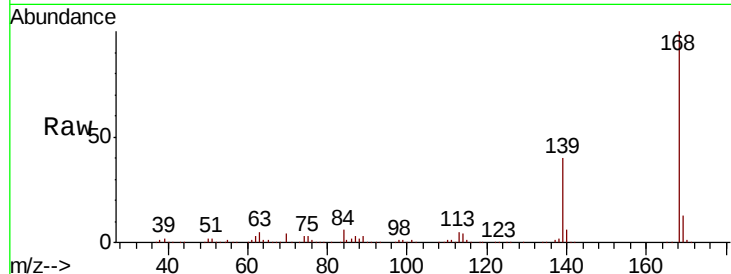




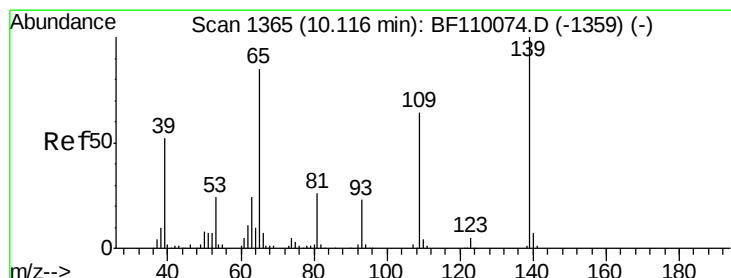
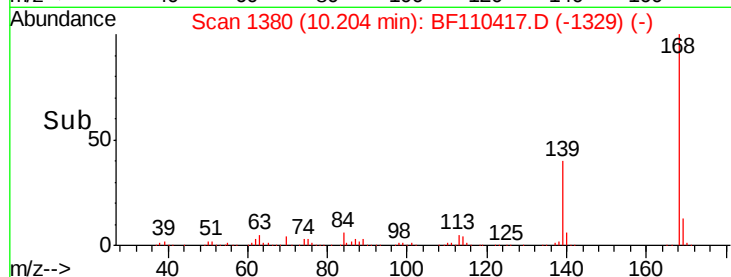
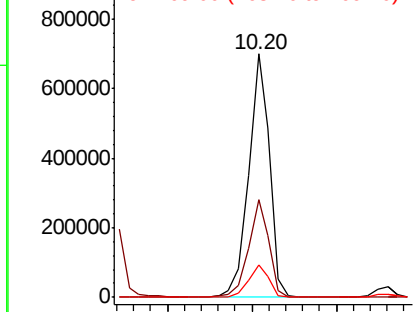
#55
Dibenzenofuran
Concen: 37.429 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BF110417.D
Acq: 2 Nov 2018 17:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 601932
Ion Ratio Lower Upper
168 100
139 40.3 33.0 49.6
169 13.3 11.3 16.9

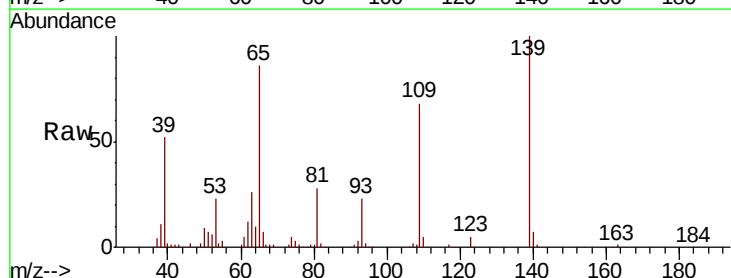


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

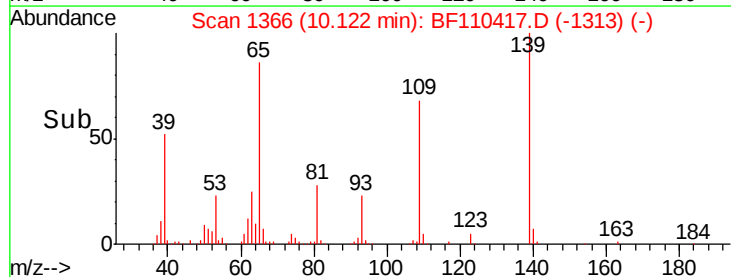
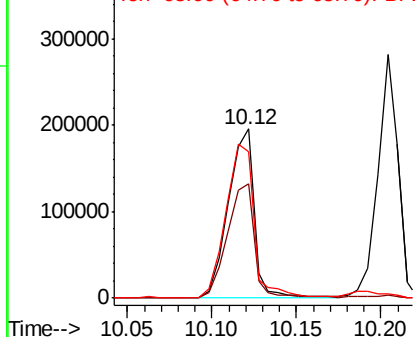


#56
4-Nitrophenol
Concen: 82.783 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF110417.D
Acq: 2 Nov 2018 17:43

Tgt Ion:139 Resp: 209952
Ion Ratio Lower Upper
139 100
109 67.6 55.8 95.8
65 86.3 77.9 117.9



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

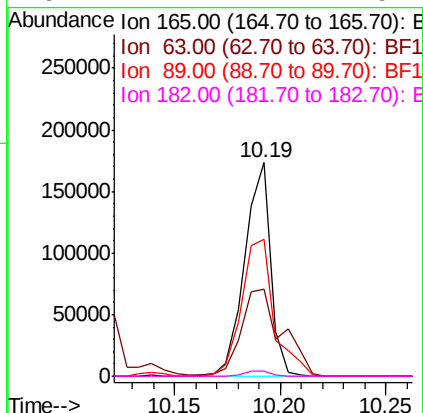
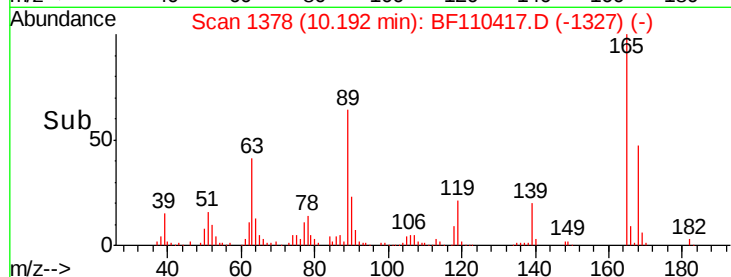
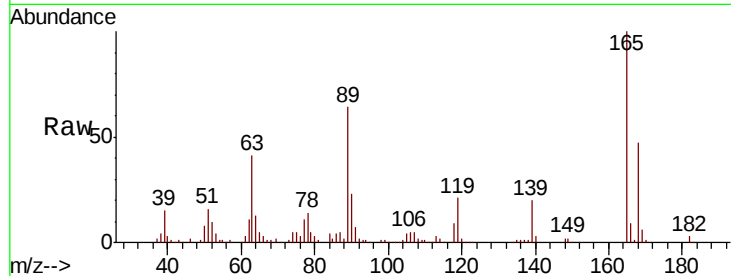




#57
2,4-Dinitrotoluene
Concen: 40.408 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BF110417.D
Acq: 2 Nov 2018 17:43

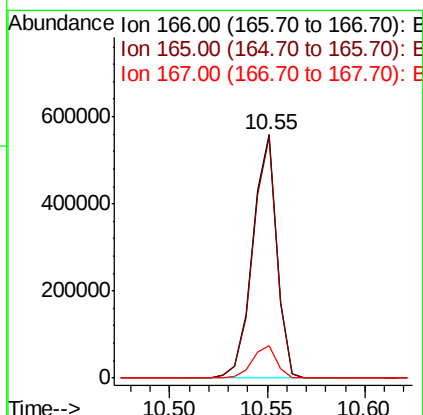
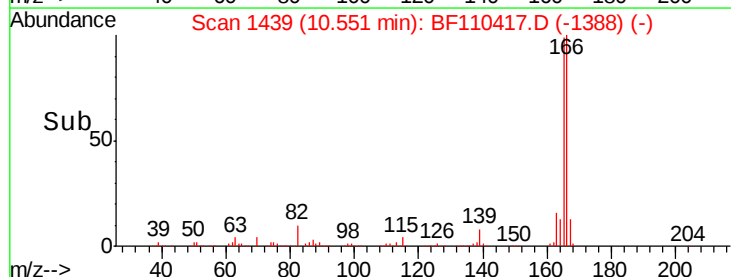
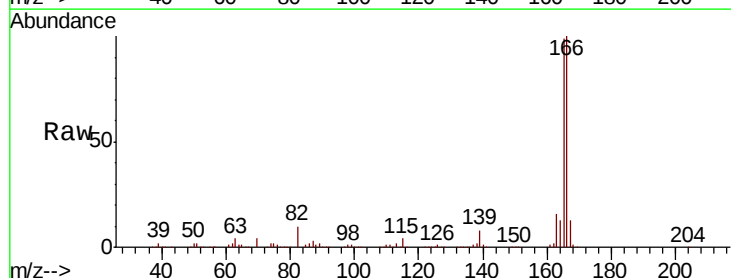
Instrument :
BNA_F
ClientSampleId :

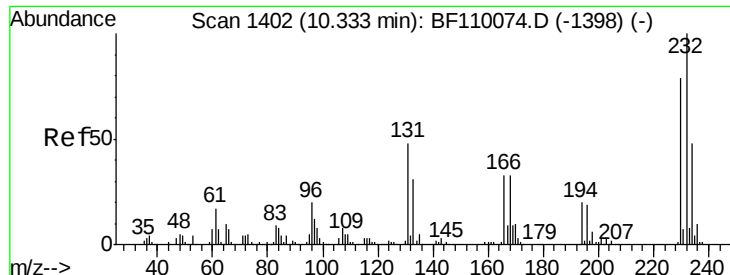
Tot Ion	Ratio	Lower	Upper
165	100		
63	40.6	44.8	67.2#
89	64.2	62.2	93.4
182	2.7	2.1	3.1



#58
Fluorene
Concen: 39.933 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF110417.D
Acq: 2 Nov 2018 17:43

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.6	117.8
167	13.1	10.8	16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 30.820 ng

RT: 10.28 min Scan# 1393

Delta R.T. -0.04 min

Lab File: BF110417.D

Acq: 2 Nov 2018 17:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 96708

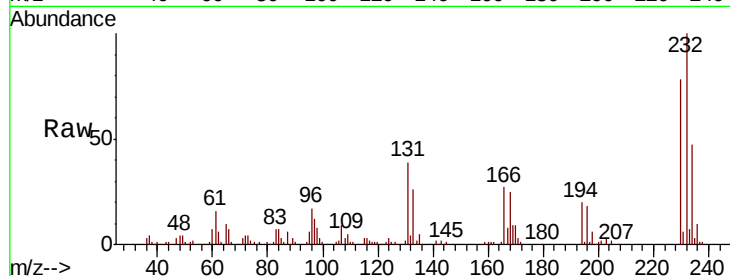
Ion Ratio Lower Upper

232 100

131 43.8 37.0 55.4

130 2.2 1.8 2.6

166 27.5 22.0 33.0

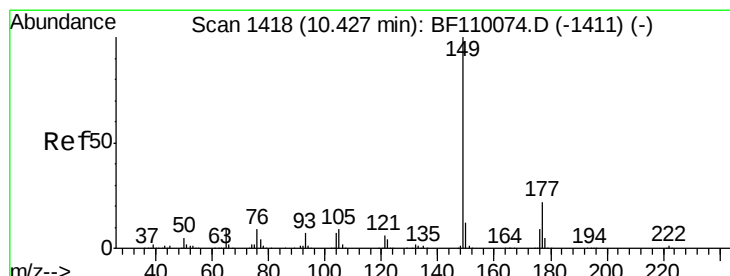
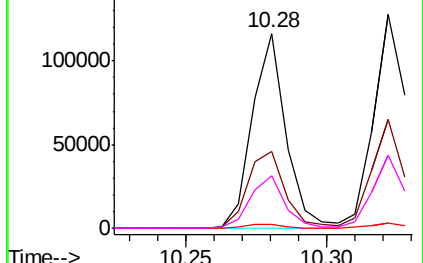
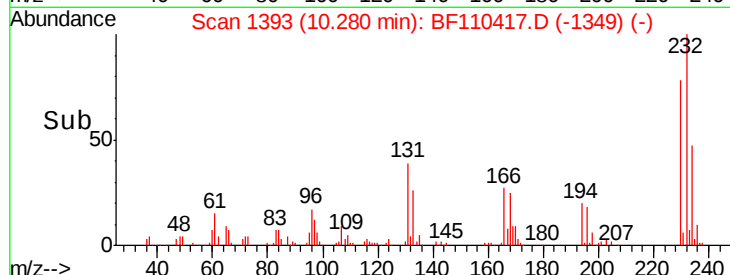


Abundance Ion 232.00 (231.70 to 232.70): E

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: 37.146 ng

RT: 10.41 min Scan# 1415

Delta R.T. 0.00 min

Lab File: BF110417.D

Acq: 2 Nov 2018 17:43

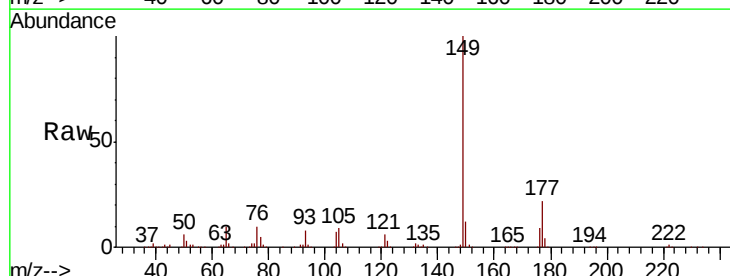
Tgt Ion:149 Resp: 485071

Ion Ratio Lower Upper

149 100

177 21.6 17.4 26.2

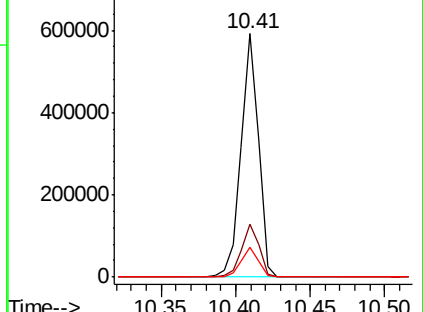
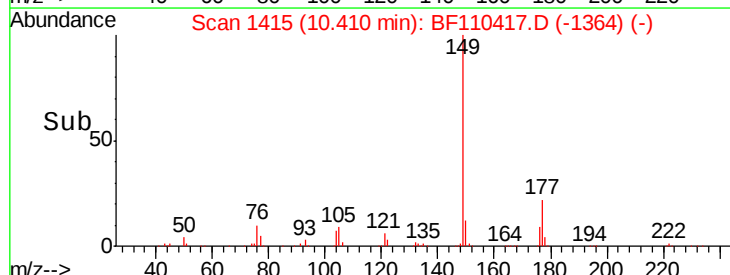
150 12.4 9.8 14.8



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

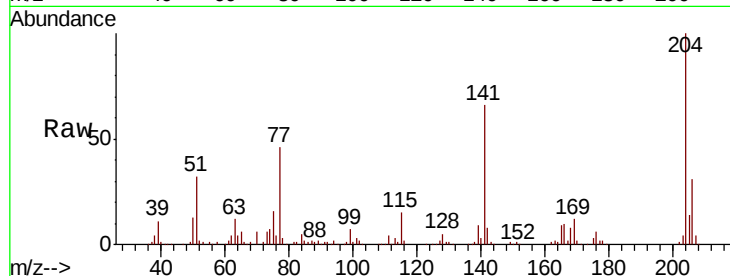




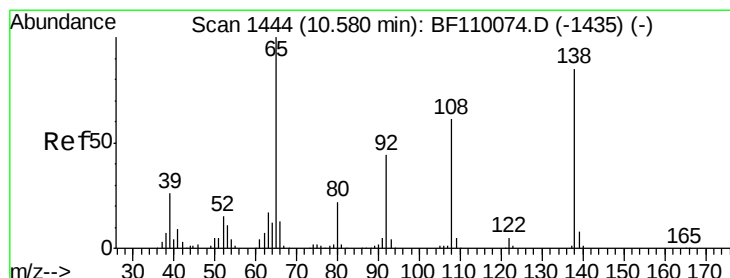
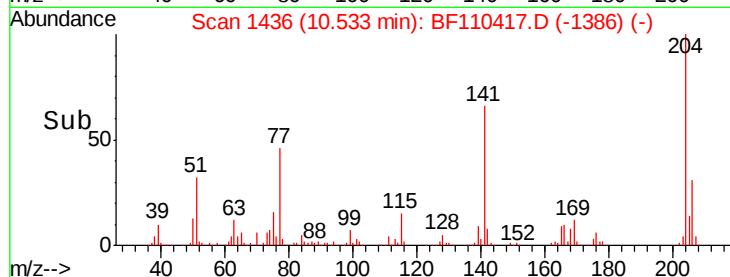
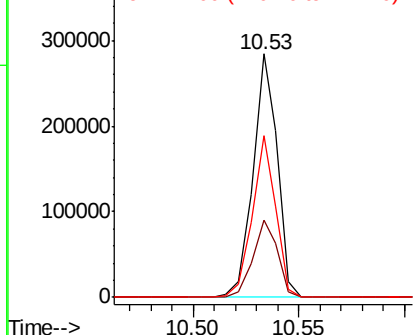
#61
 4-Chlorophenyl-phenylether
 Concen: 35.831 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF110417.D
 Acq: 2 Nov 2018 17:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:204 Resp: 226234
 Ion Ratio Lower Upper
 204 100
 206 31.5 26.5 39.7
 141 66.2 51.8 77.8

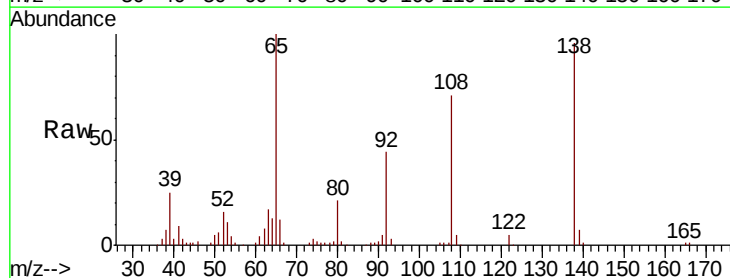


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

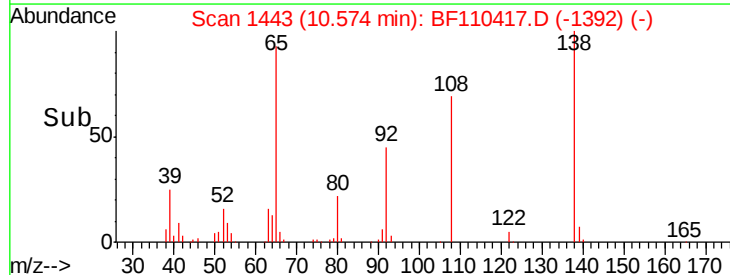
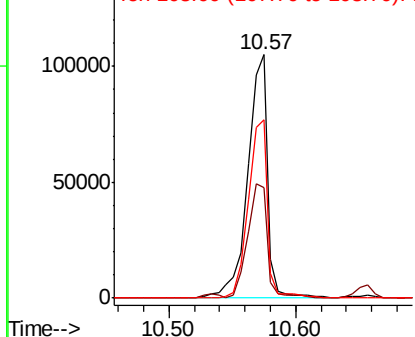


#62
 4-Nitroaniline
 Concen: 33.801 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: BF110417.D
 Acq: 2 Nov 2018 17:43

Tgt Ion:138 Resp: 115202
 Ion Ratio Lower Upper
 138 100
 92 45.5 31.7 71.7
 108 73.2 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

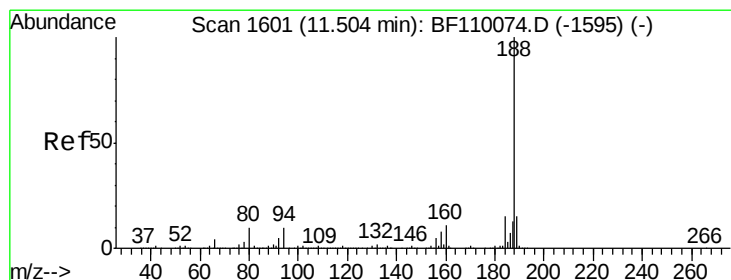
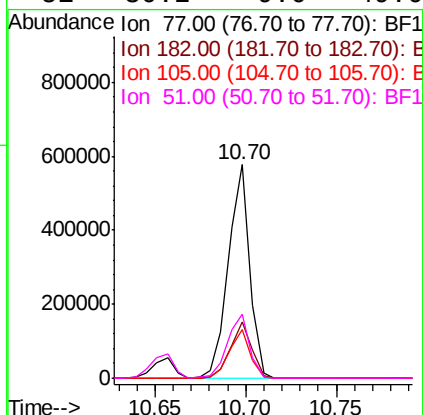
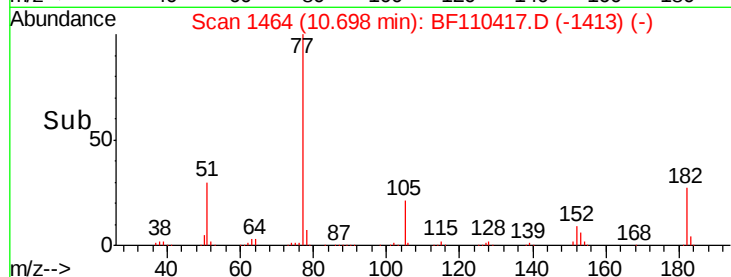
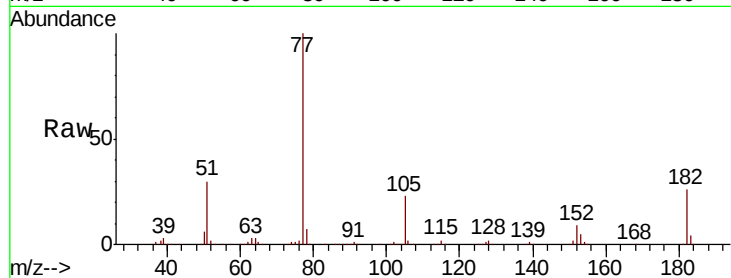




#63
Azobenzene
Concen: 36.764 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BF110417.D
Acq: 2 Nov 2018 17:43

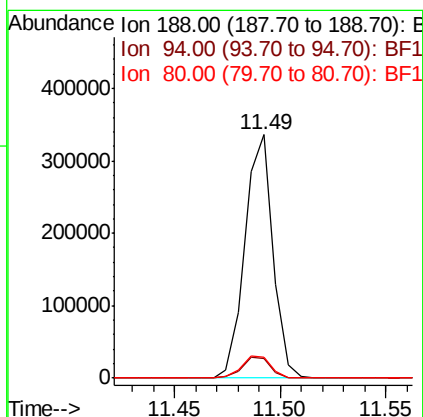
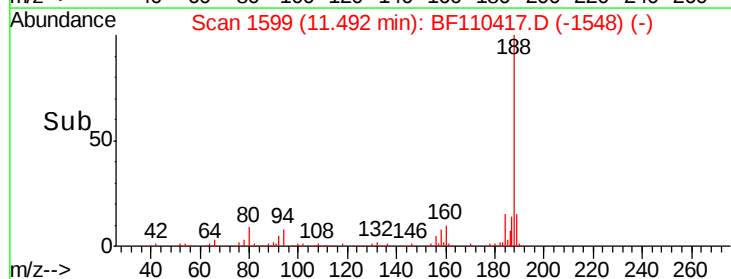
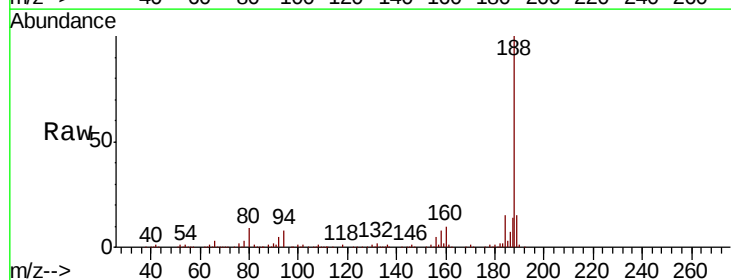
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	476539
Ion	Ratio	Lower	Upper
77	100		
182	26.4	4.3	44.3
105	22.6	1.3	41.3
51	30.2	9.0	49.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF110417.D
Acq: 2 Nov 2018 17:43

Tgt Ion:	188	Resp:	309698
Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.2	10.8
80	8.8	7.9	11.9





#65

4,6-Dinitro-2-methylphenol

Concen: 22.359 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BF110417.D

Acq: 2 Nov 2018 17:43

Instrument :

BNA_F

ClientSampled :

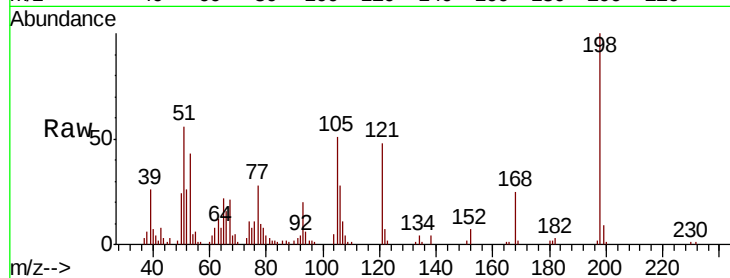
Tot Ion:198 Resp: 31637

Ion Ratio Lower Upper

198 100

51 55.9 22.8 62.8

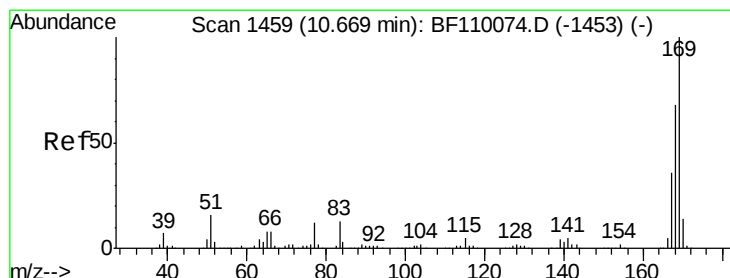
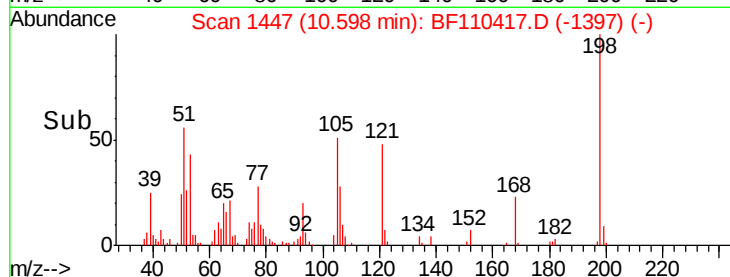
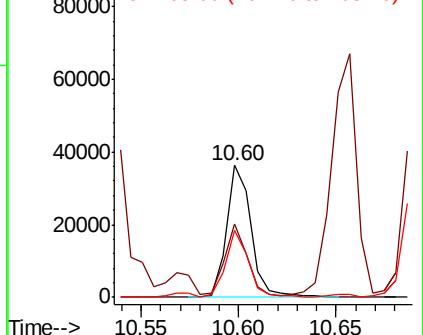
105 50.7 23.6 63.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.826 ng

RT: 10.66 min Scan# 1457

Delta R.T. 0.00 min

Lab File: BF110417.D

Acq: 2 Nov 2018 17:43

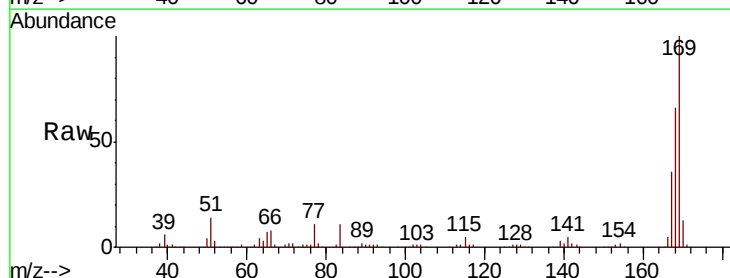
Tgt Ion:169 Resp: 414712

Ion Ratio Lower Upper

169 100

168 66.2 51.2 76.8

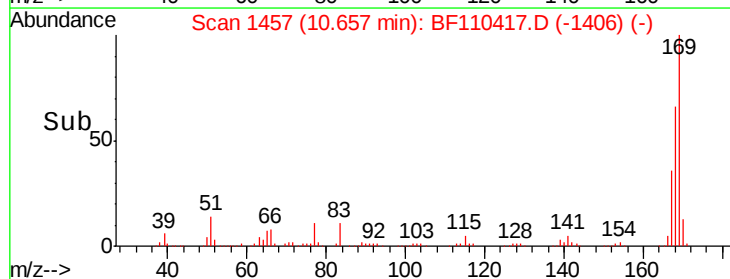
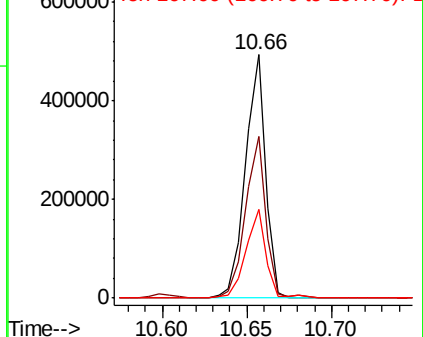
167 36.3 27.8 41.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

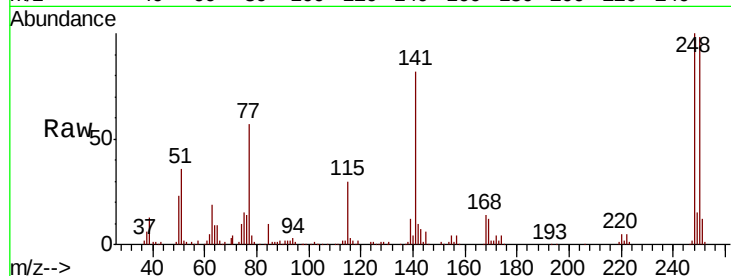




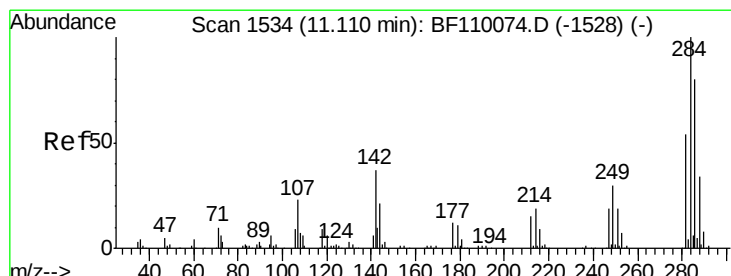
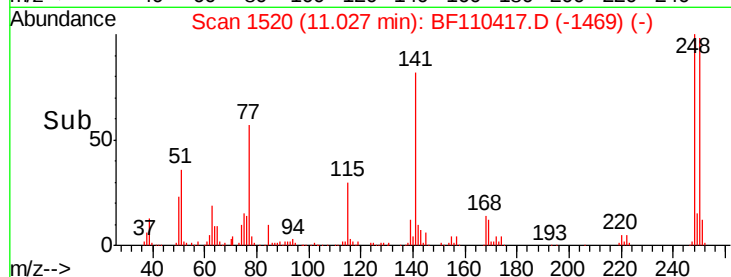
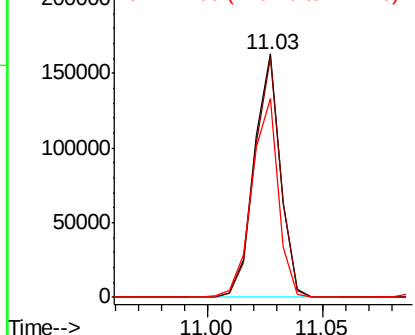
#67
 4-Bromophenyl-phenylether
 Concen: 38.708 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.00 min
 Lab File: BF110417.D
 Acq: 2 Nov 2018 17:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 130034
 Ion Ratio Lower Upper
 248 100
 250 98.3 79.4 119.2
 141 81.7 55.9 83.9

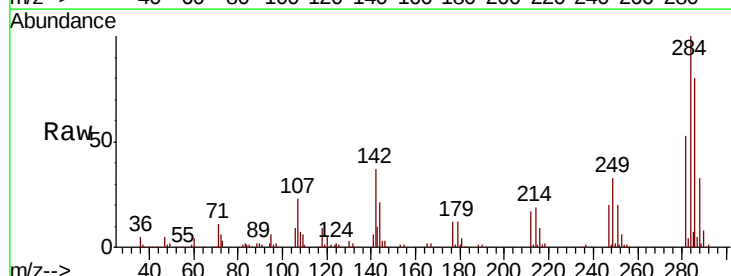


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

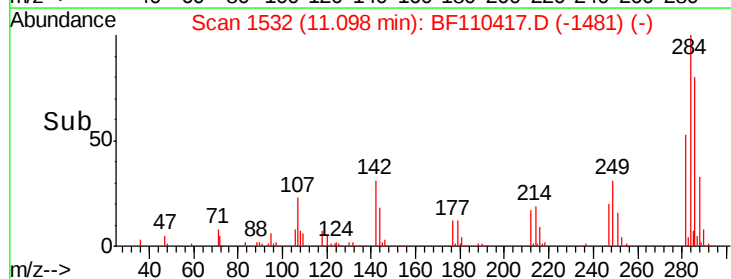
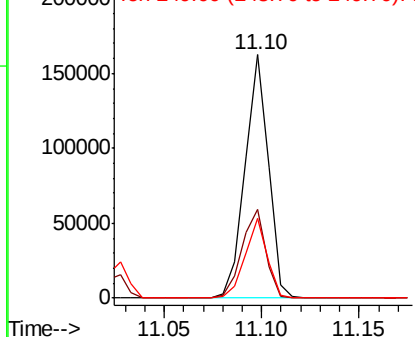


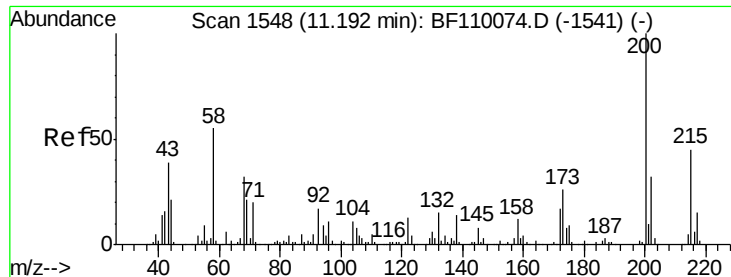
#68
 Hexachlorobenzene
 Concen: 37.906 ng
 RT: 11.10 min Scan# 1532
 Delta R.T. 0.00 min
 Lab File: BF110417.D
 Acq: 2 Nov 2018 17:43

Tgt Ion:284 Resp: 135111
 Ion Ratio Lower Upper
 284 100
 142 36.5 23.9 35.9#
 249 32.9 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

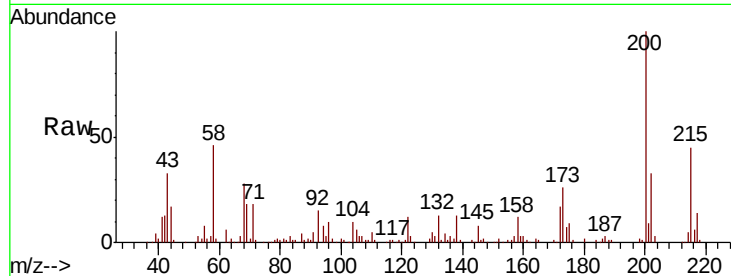




#69
 Atrazine
 Concen: 39.090 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. 0.00 min
 Lab File: BF110417.D
 Acq: 2 Nov 2018 17:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.8	6.6	46.6
215	45.0	26.3	66.3

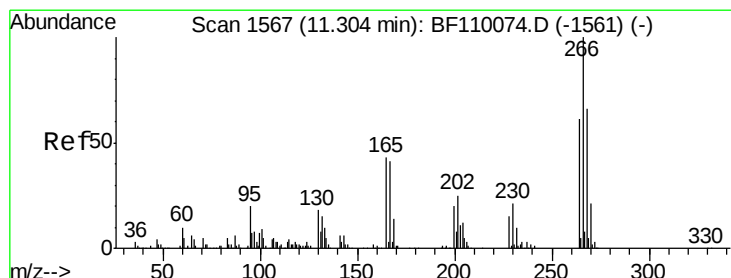
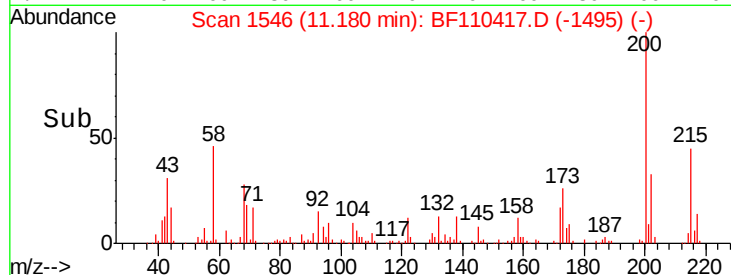
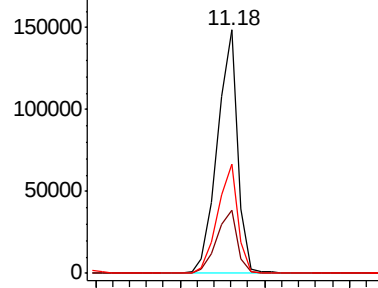


Abundance

Ion 200.00 (199.70 to 200.70): E

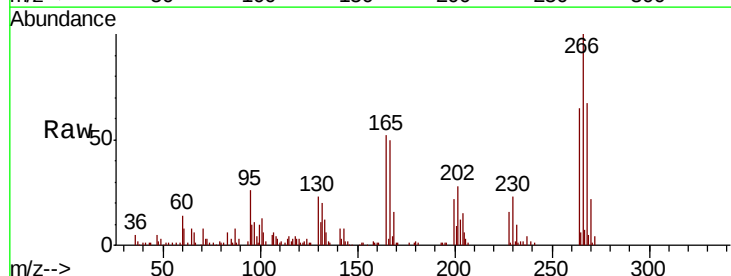
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 38.622 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: BF110417.D
 Acq: 2 Nov 2018 17:43

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.8	50.6	75.8
264	64.8	50.6	75.8

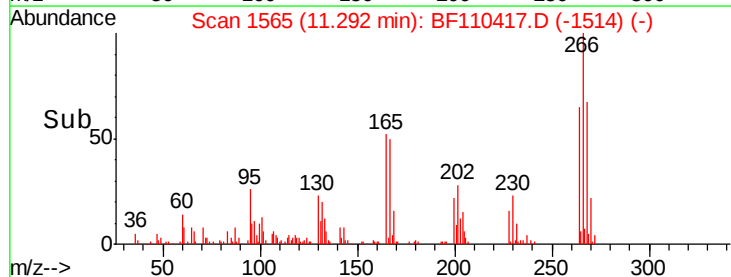
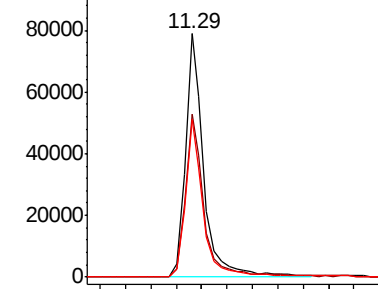


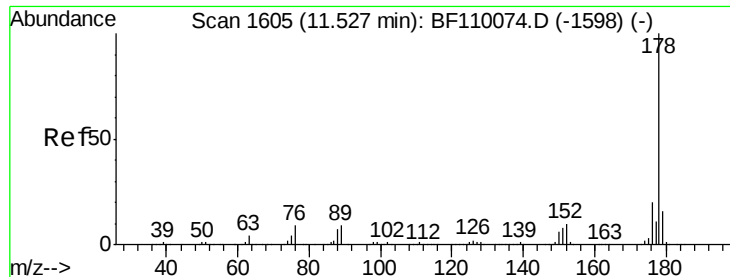
Abundance

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

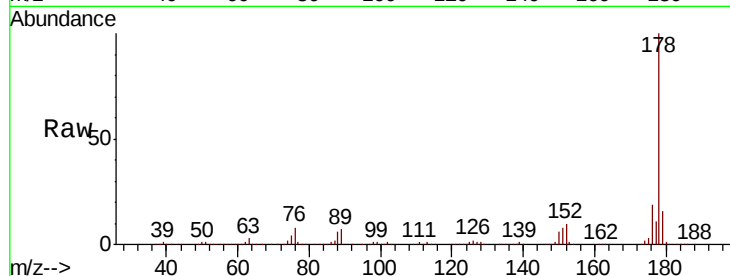




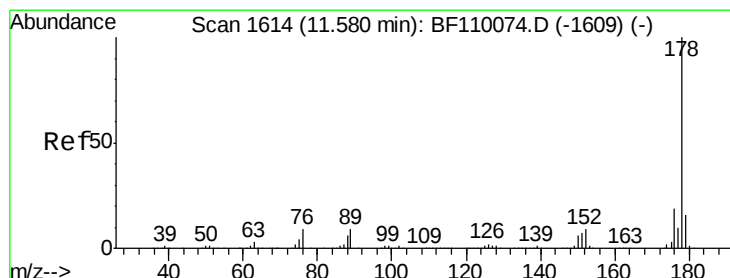
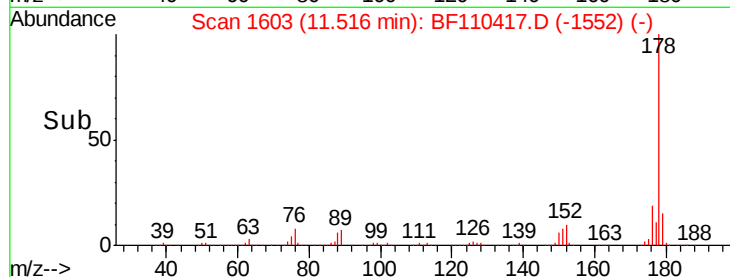
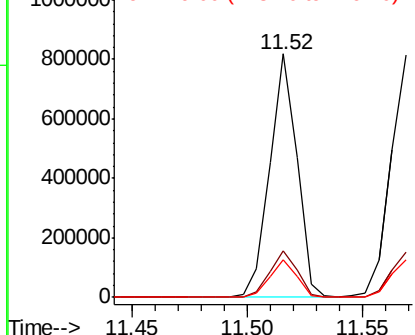
#71
Phenanthrene
Concen: 41.590 ng
RT: 11.52 min Scan# 1603
Delta R.T. 0.00 min
Lab File: BF110417.D
Acq: 2 Nov 2018 17:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 673953
Ion Ratio Lower Upper
178 100
176 19.1 15.5 23.3
179 15.5 12.5 18.7

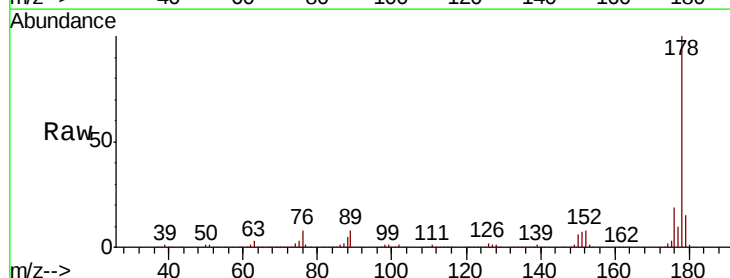


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

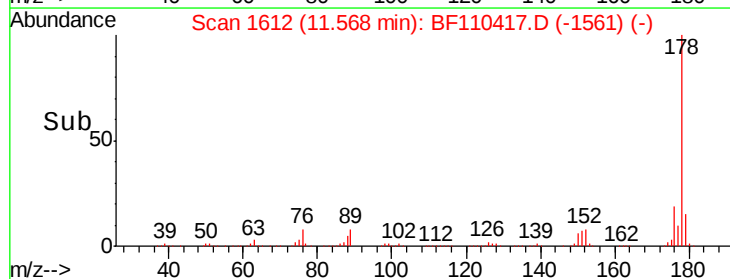
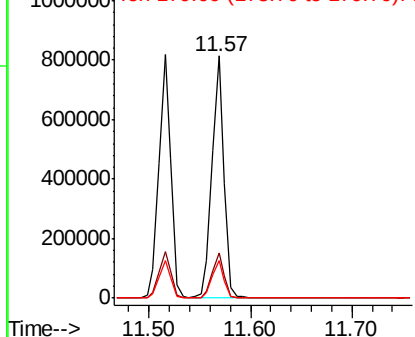


#72
Anthracene
Concen: 41.230 ng
RT: 11.57 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BF110417.D
Acq: 2 Nov 2018 17:43

Tgt Ion:178 Resp: 669694
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 15.3 12.6 18.8



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





#73

Carbazole

Concen: 34.255 ng

RT: 11.72 min Scan# 1638

Delta R.T. 0.00 min

Lab File: BF110417.D

Acq: 2 Nov 2018 17:43

Instrument :

BNA_F

ClientSampleId :

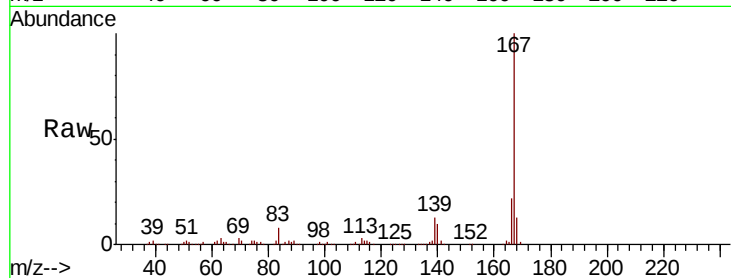
Tot Ion:167 Resp: 543253

Ion Ratio Lower Upper

167 100

166 21.6 17.4 26.0

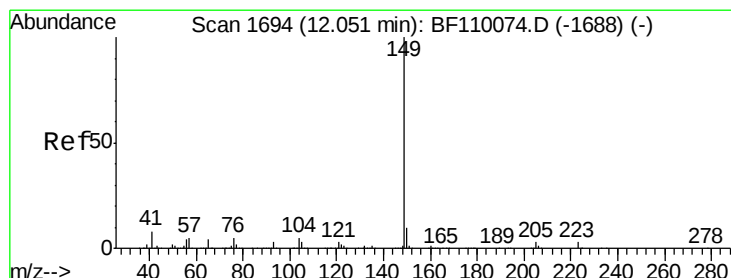
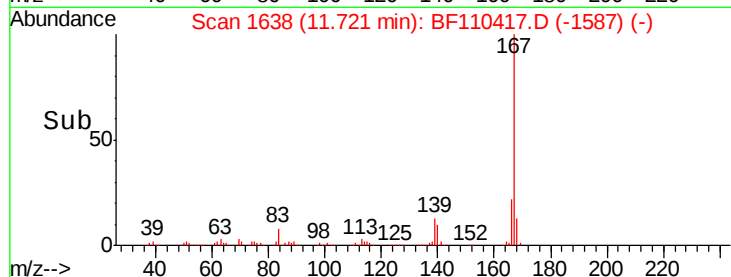
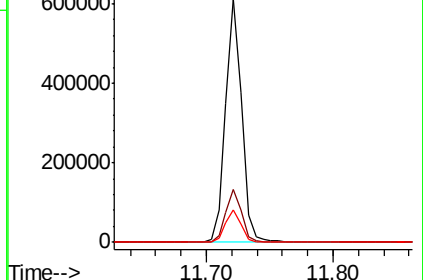
139 13.4 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 38.743 ng

RT: 12.03 min Scan# 1691

Delta R.T. 0.00 min

Lab File: BF110417.D

Acq: 2 Nov 2018 17:43

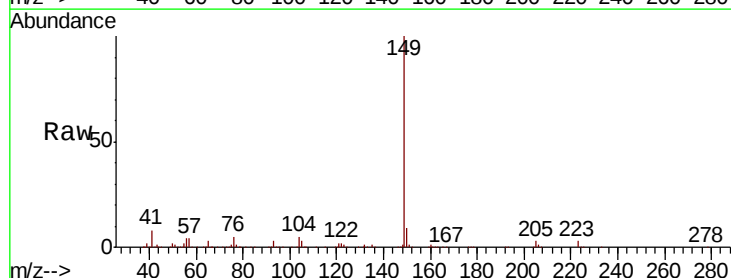
Tgt Ion:149 Resp: 693947

Ion Ratio Lower Upper

149 100

150 9.2 7.7 11.5

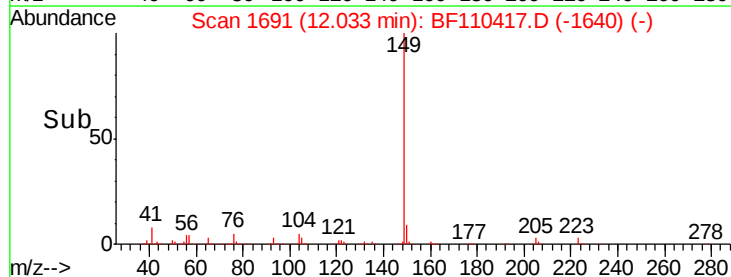
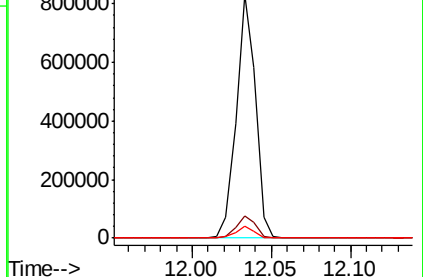
104 4.9 4.2 6.4

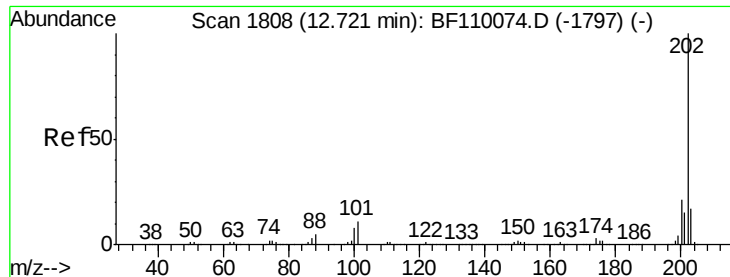


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

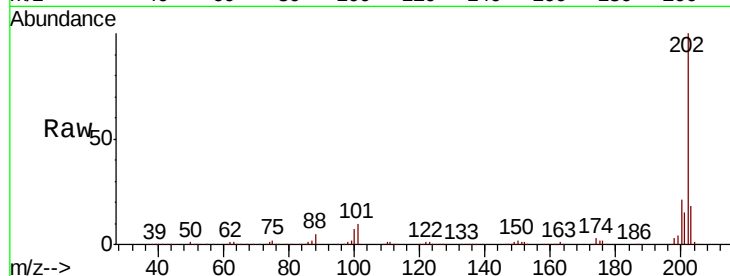




#75
Fluoranthene
Concen: 35.417 ng
RT: 12.71 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BF110417.D
Acq: 2 Nov 2018 17:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	31.4
203	17.6	0.0	37.7

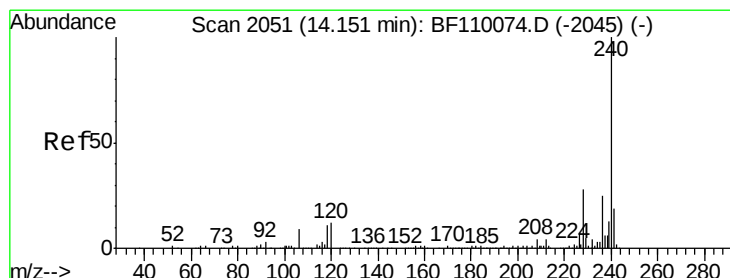
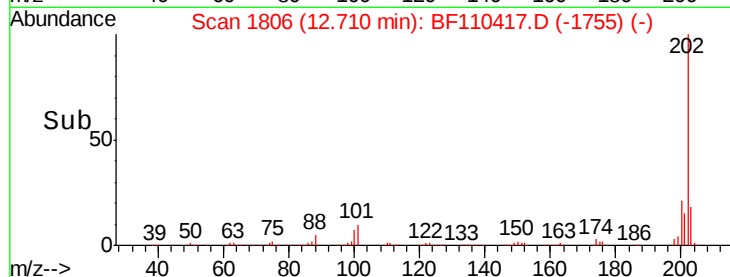
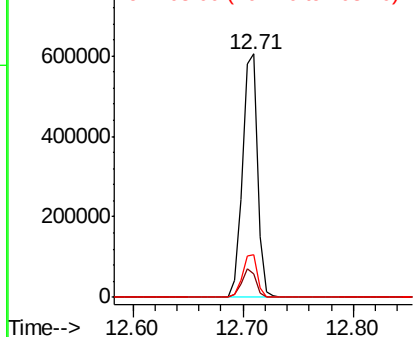


Abundance

Ion 202.00 (201.70 to 202.70): E

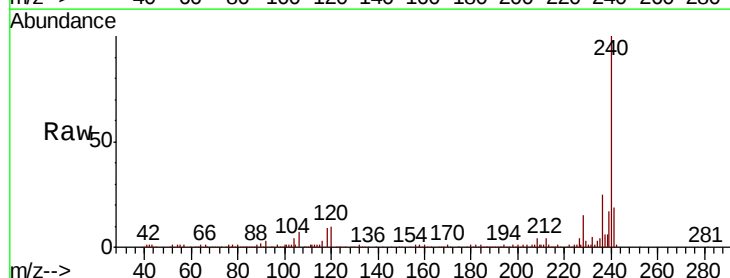
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.00 min
Lab File: BF110417.D
Acq: 2 Nov 2018 17:43

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.3	12.5
236	25.1	21.2	31.8

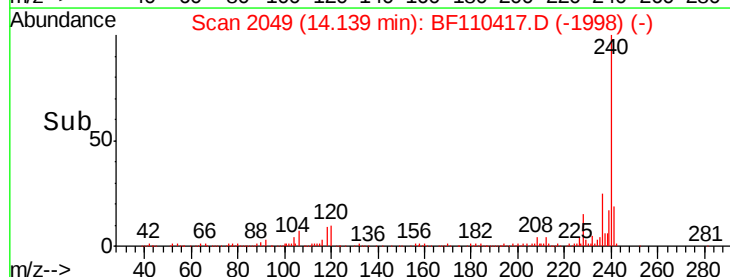
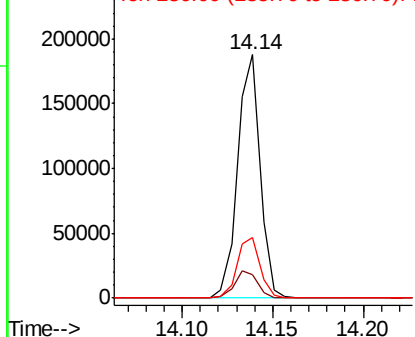


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.542 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF110417.D

Acq: 2 Nov 2018 17:43

Instrument :

BNA_F

ClientSampleId :

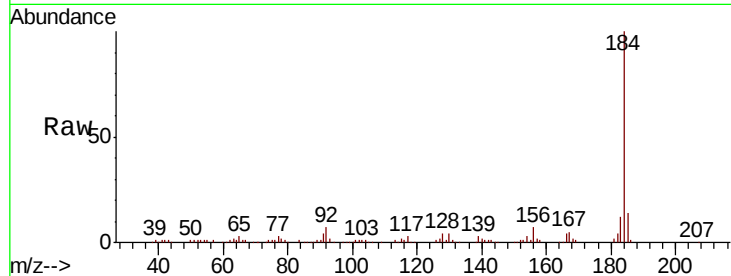
Tot Ion:184 Resp: 193191

Ion Ratio Lower Upper

184 100

185 13.9 13.4 20.2

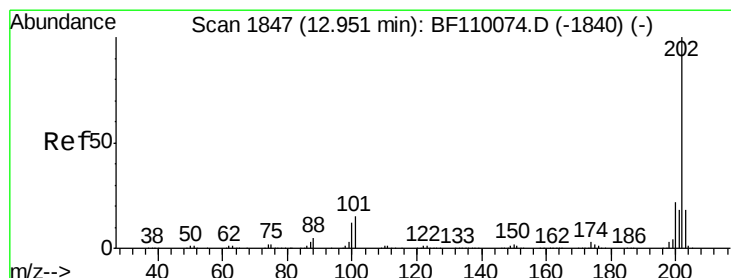
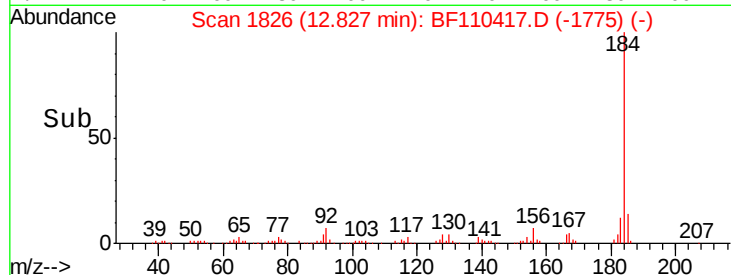
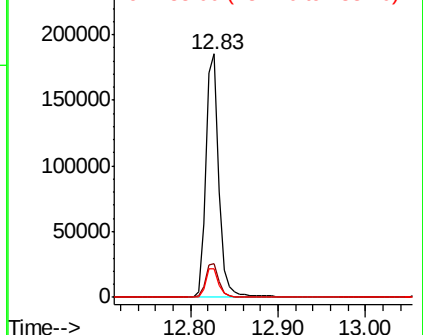
183 11.7 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.995 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BF110417.D

Acq: 2 Nov 2018 17:43

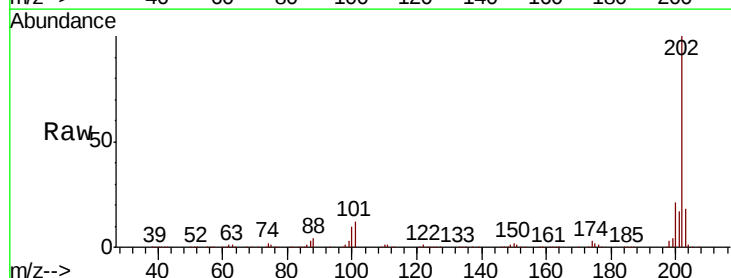
Tgt Ion:202 Resp: 547032

Ion Ratio Lower Upper

202 100

200 21.1 17.8 26.6

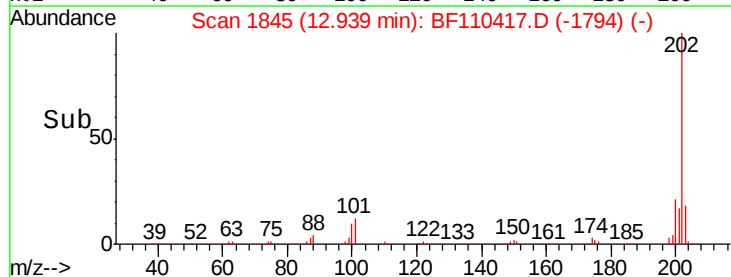
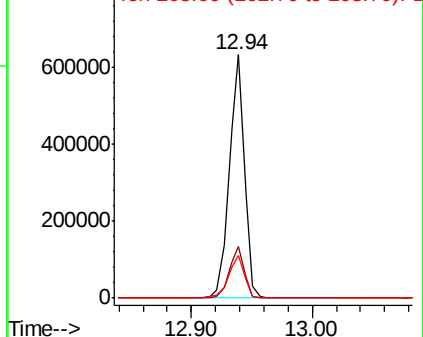
203 17.5 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.481 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110417.D

Acq: 2 Nov 2018 17:43

Instrument :

BNA_F

ClientSampleId :

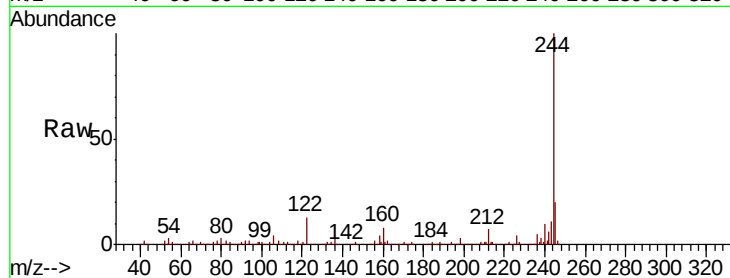
Tot Ion:244 Resp: 667358

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

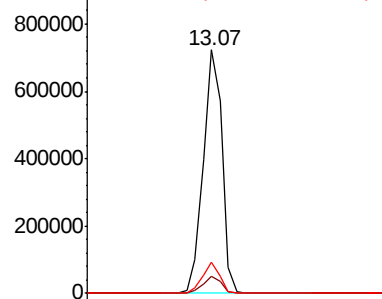
122 13.0 8.7 13.1



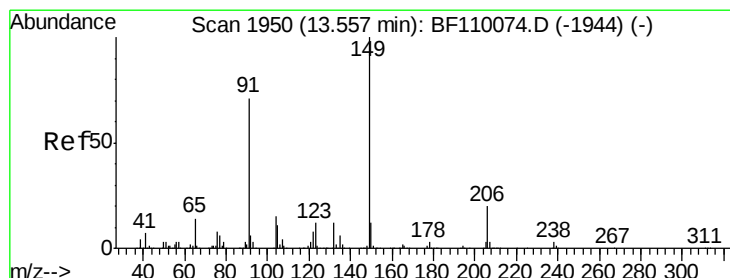
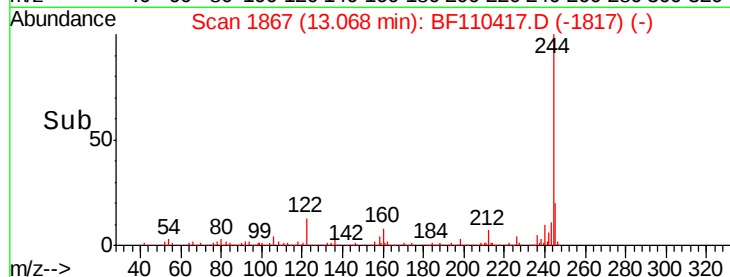
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#80

Butylbenzylphthalate

Concen: 41.152 ng

RT: 13.54 min Scan# 1947

Delta R.T. 0.00 min

Lab File: BF110417.D

Acq: 2 Nov 2018 17:43

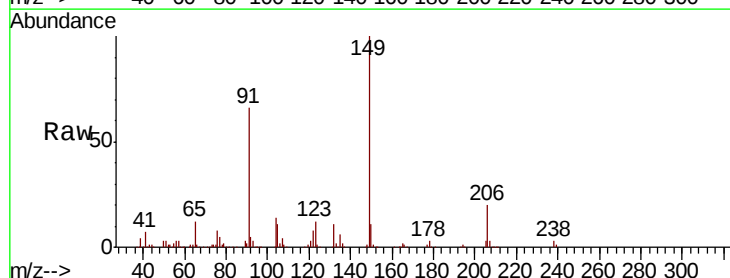
Tgt Ion:149 Resp: 207915

Ion Ratio Lower Upper

149 100

91 65.6 57.2 85.8

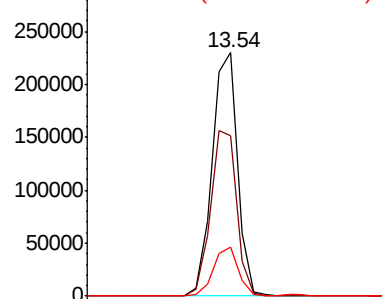
206 20.3 15.7 23.5



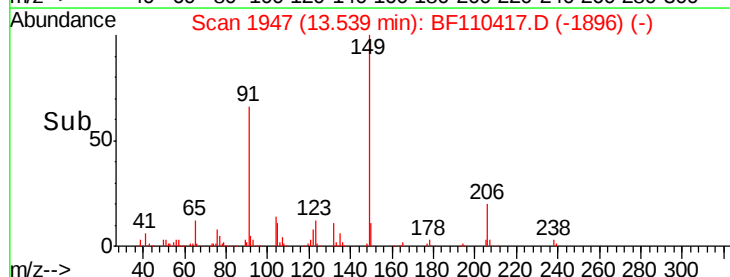
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



Time-->





#81

Benzo(a)anthracene

Concen: 41.938 ng

RT: 14.13 min Scan# 2047

Delta R.T. 0.00 min

Lab File: BF110417.D

Acq: 2 Nov 2018 17:43

Instrument :

BNA_F

ClientSampleId :

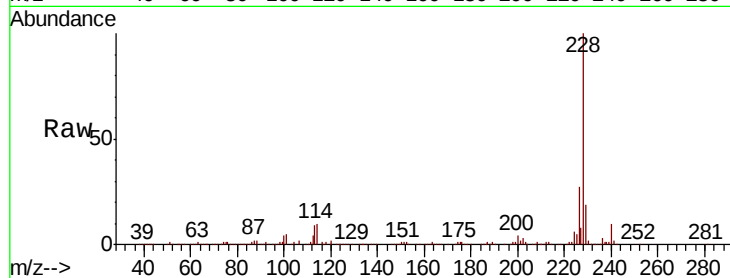
Tot Ion:228 Resp: 403804

Ion Ratio Lower Upper

228 100

226 26.9 22.1 33.1

229 19.5 15.6 23.4

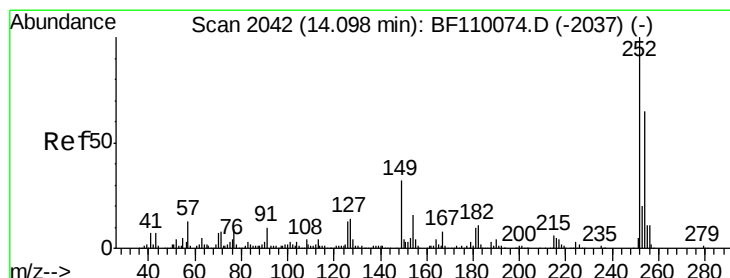
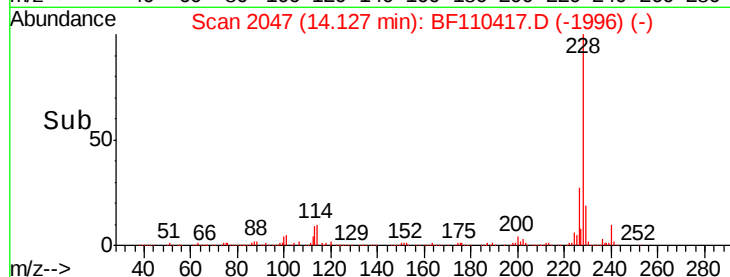
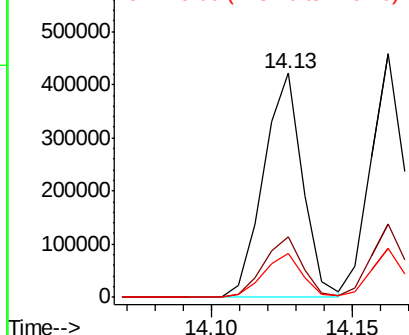


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.690 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF110417.D

Acq: 2 Nov 2018 17:43

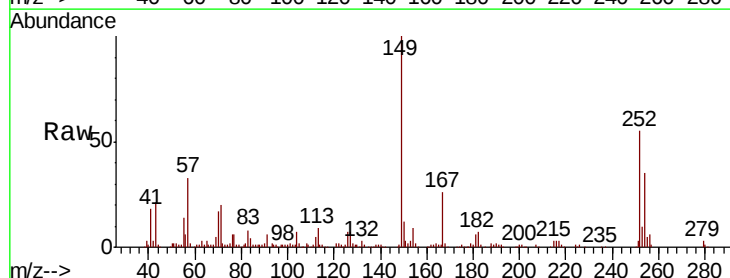
Tgt Ion:252 Resp: 92841

Ion Ratio Lower Upper

252 100

254 62.6 51.3 76.9

126 12.8 9.4 14.2

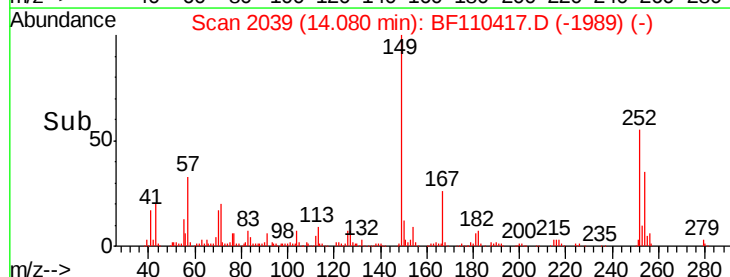
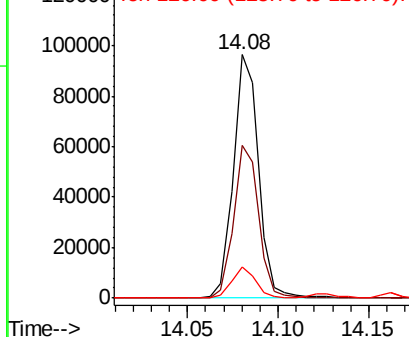


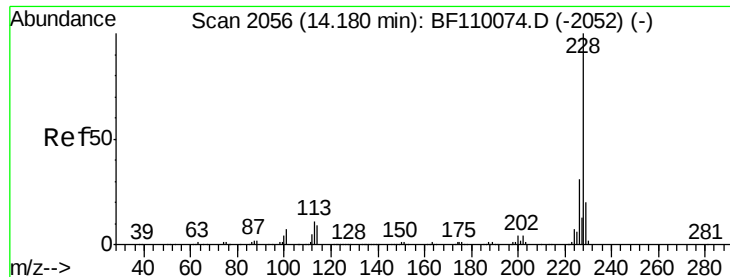
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

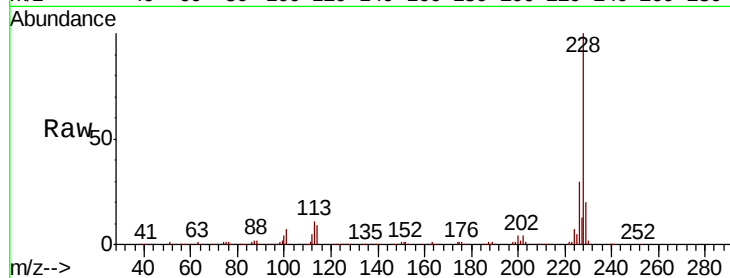




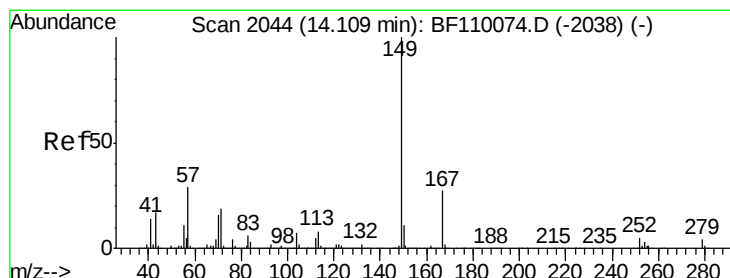
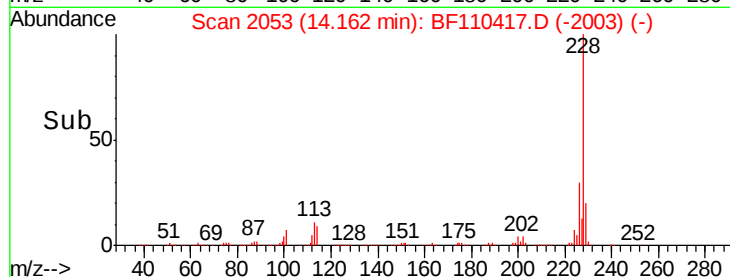
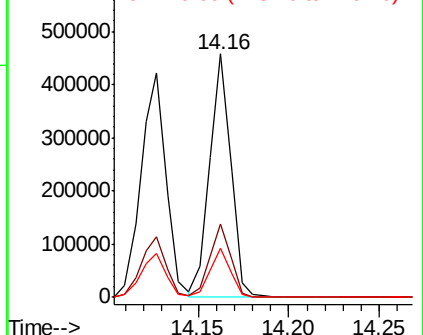
#83
Chrysene
Concen: 40.627 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BF110417.D
Acq: 2 Nov 2018 17:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 371543
Ion Ratio Lower Upper
228 100
226 30.2 24.7 37.1
229 20.4 15.9 23.9

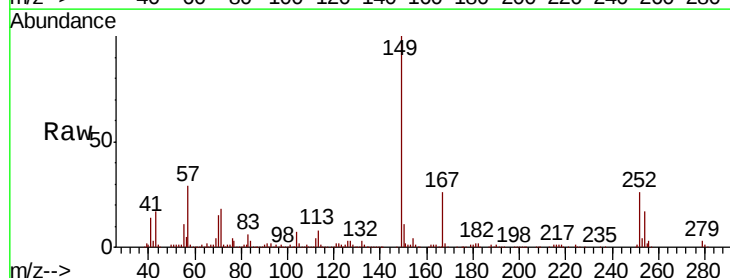


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

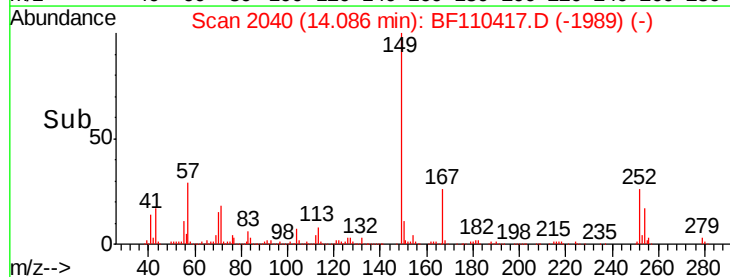
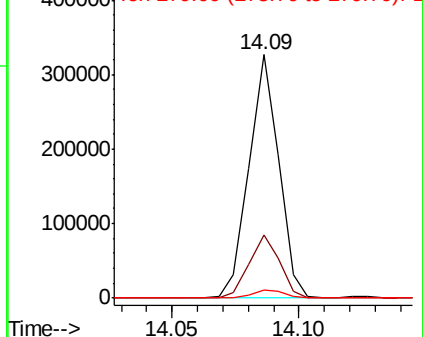


#84
Bis(2-ethylhexyl)phthalate
Concen: 39.531 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BF110417.D
Acq: 2 Nov 2018 17:43

Tgt Ion:149 Resp: 269982
Ion Ratio Lower Upper
149 100
167 25.8 19.8 29.8
279 3.3 2.7 4.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

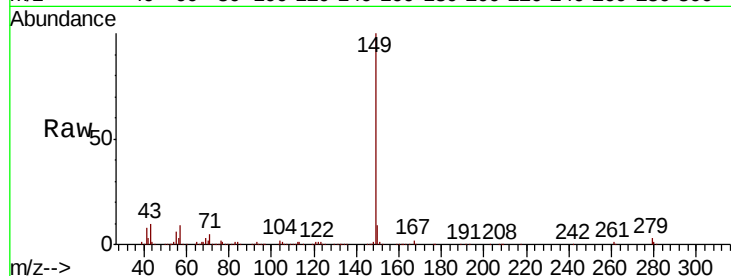




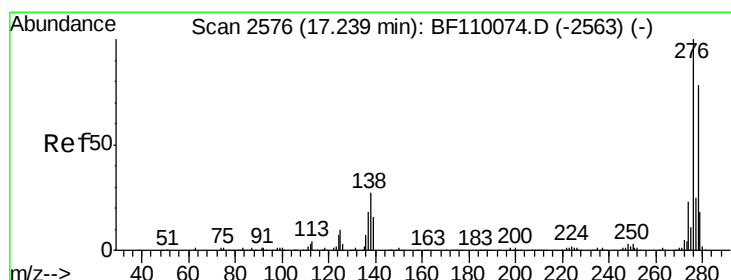
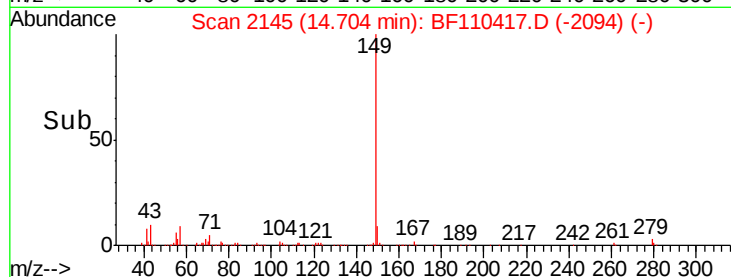
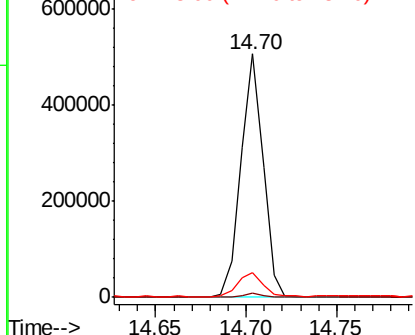
#85
Di-n-octyl phthalate
Concen: 40.874 ng
RT: 14.70 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BF110417.D
Acq: 2 Nov 2018 17:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 434073
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 10.2 7.8 11.8

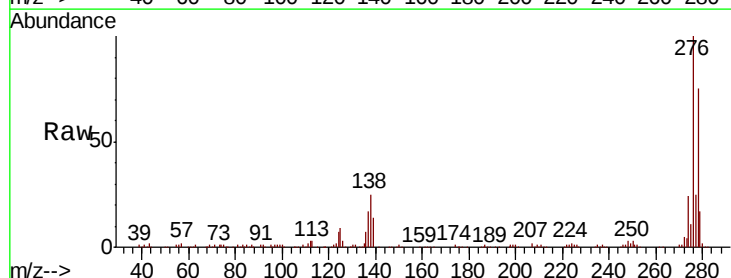


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

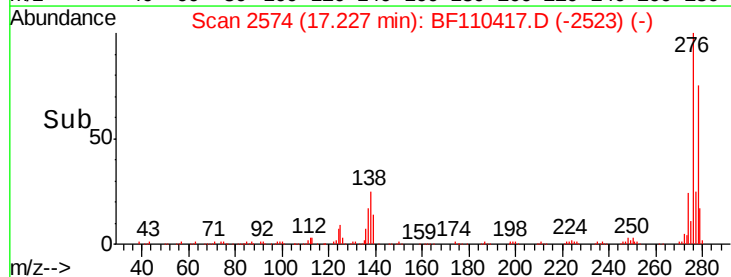
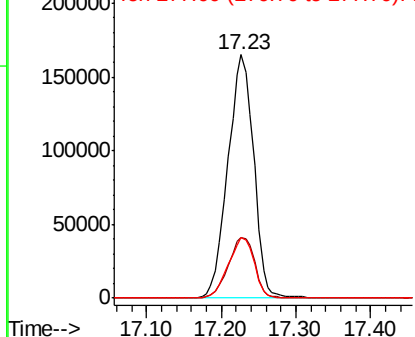


#86
Indeno(1,2,3-cd)pyrene
Concen: 52.404 ng
RT: 17.23 min Scan# 2574
Delta R.T. 0.00 min
Lab File: BF110417.D
Acq: 2 Nov 2018 17:43

Tgt Ion:276 Resp: 397584
Ion Ratio Lower Upper
276 100
138 25.6 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

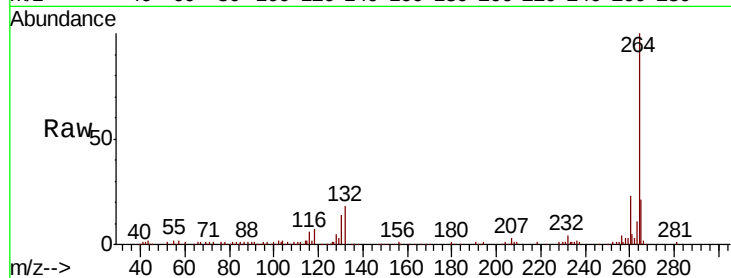




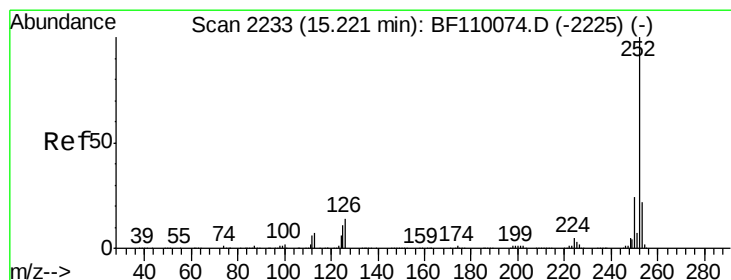
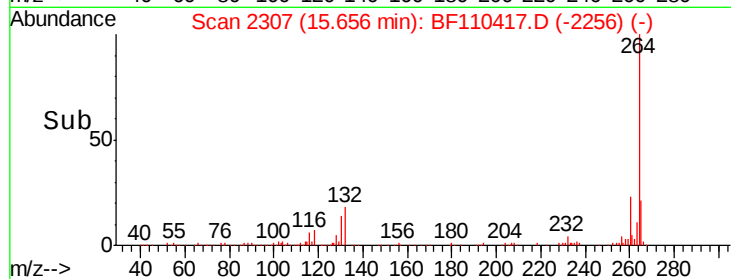
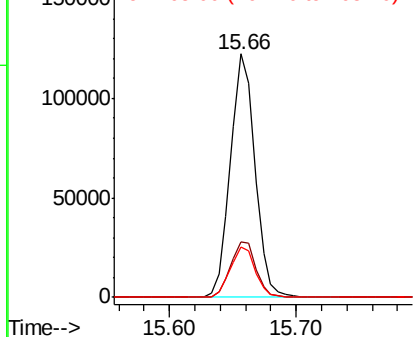
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110417.D
Acq: 2 Nov 2018 17:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 163642
Ion Ratio Lower Upper
264 100
260 23.0 18.7 28.1
265 20.7 16.7 25.1

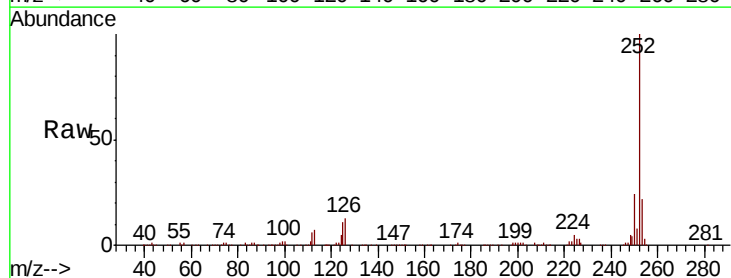


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

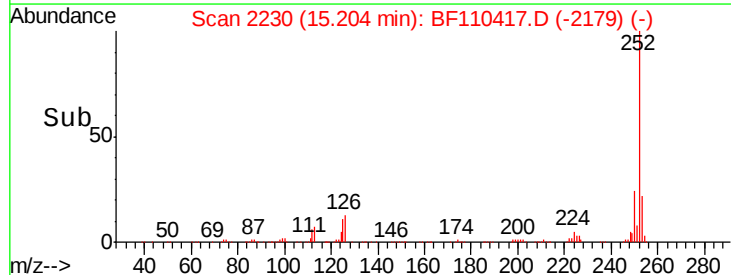
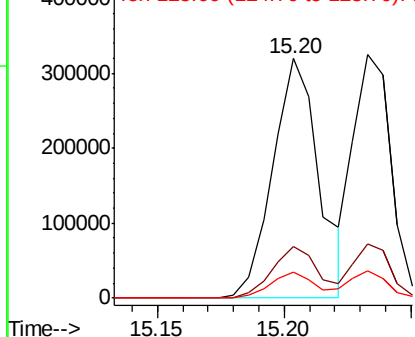


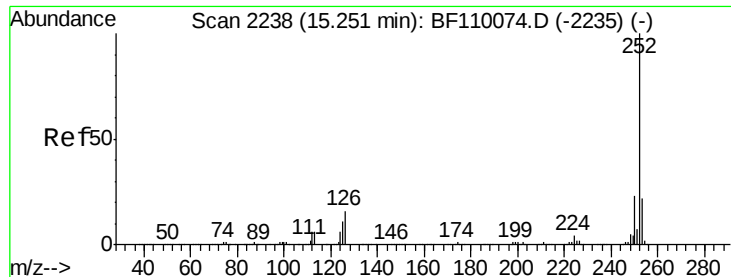
#88
Benzo(b)fluoranthene
Concen: 42.898 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110417.D
Acq: 2 Nov 2018 17:43

Tgt Ion:252 Resp: 405378
Ion Ratio Lower Upper
252 100
253 21.7 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

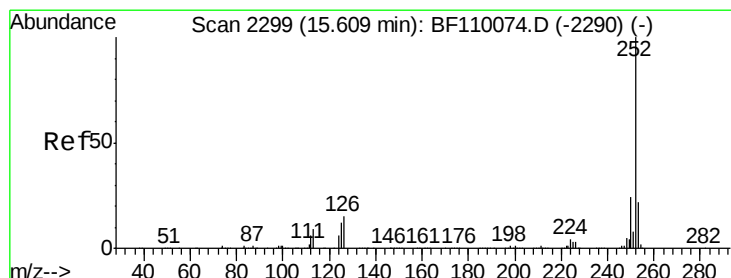
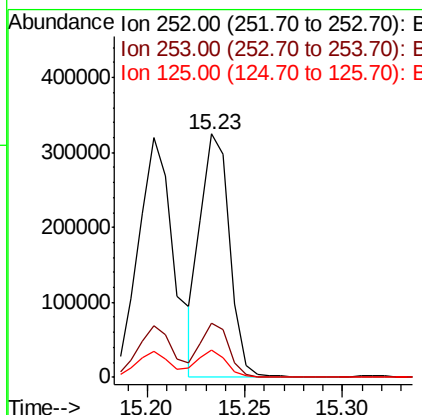
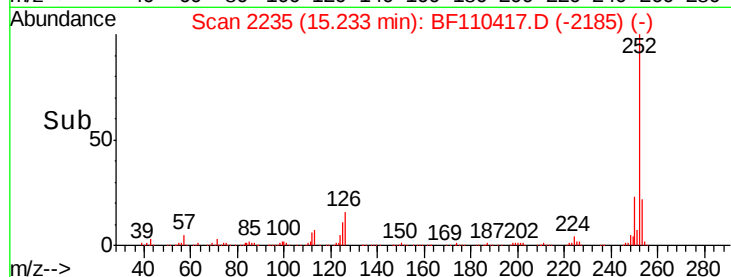
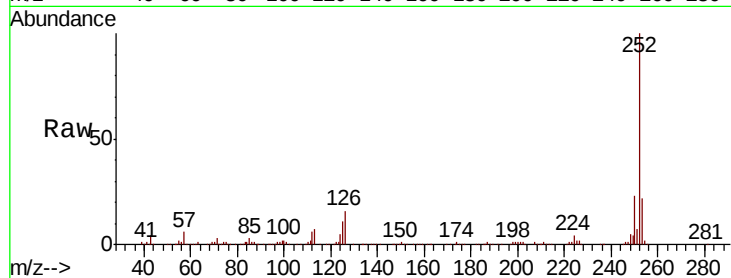




#89
Benzo(k)fluoranthene
Concen: 36.158 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF110417.D
Acq: 2 Nov 2018 17:43

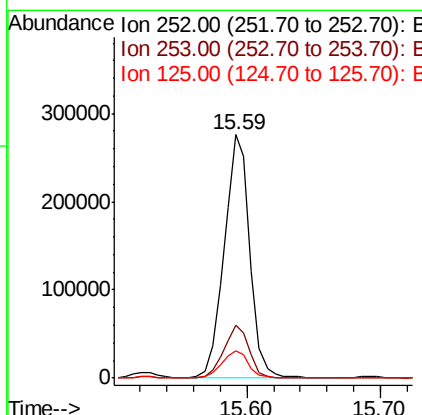
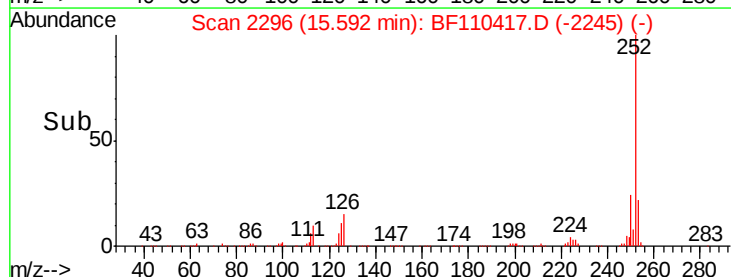
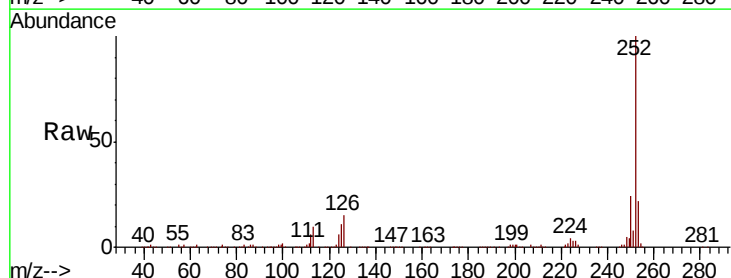
Instrument :
BNA_F
ClientSampleId :

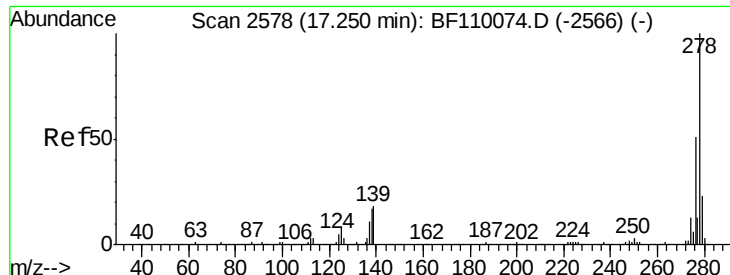
Tot Ion:252 Resp: 335907
Ion Ratio Lower Upper
252 100
253 22.5 17.2 25.8
125 11.4 7.4 11.0#



#90
Benzo(a)pyrene
Concen: 42.758 ng
RT: 15.59 min Scan# 2296
Delta R.T. 0.00 min
Lab File: BF110417.D
Acq: 2 Nov 2018 17:43

Tgt Ion:252 Resp: 371794
Ion Ratio Lower Upper
252 100
253 21.7 18.2 27.4
125 11.2 9.0 13.6

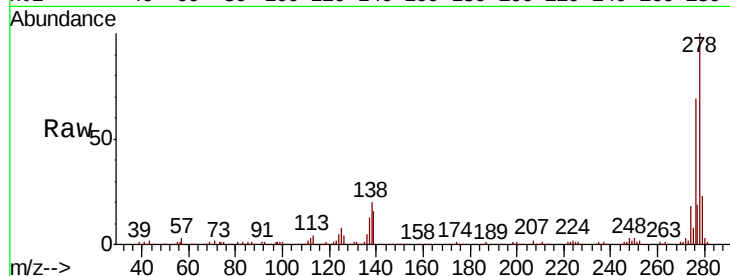




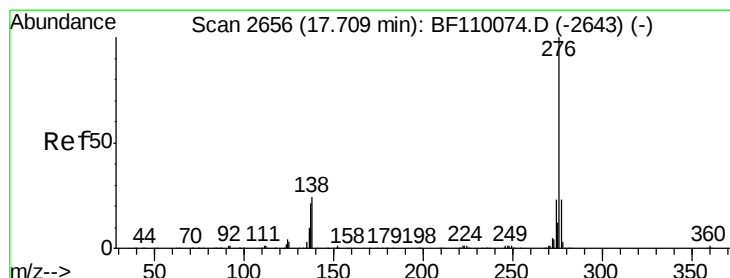
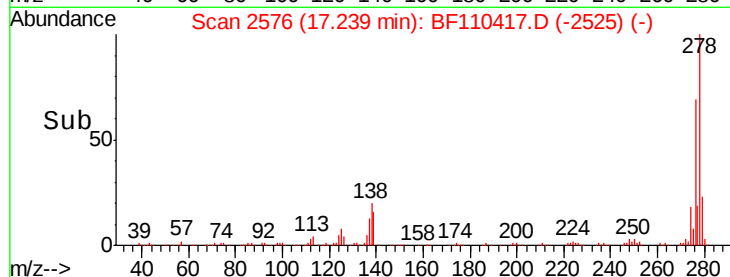
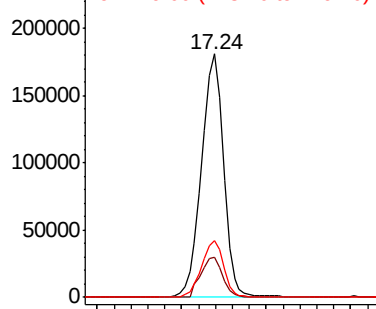
#91
Dibenzo(a,h)anthracene
Concen: 43.666 ng
RT: 17.24 min Scan# 2576
Delta R.T. 0.00 min
Lab File: BF110417.D
Acq: 2 Nov 2018 17:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 327612
Ion Ratio Lower Upper
278 100
139 16.4 12.7 19.1
279 23.3 19.0 28.4

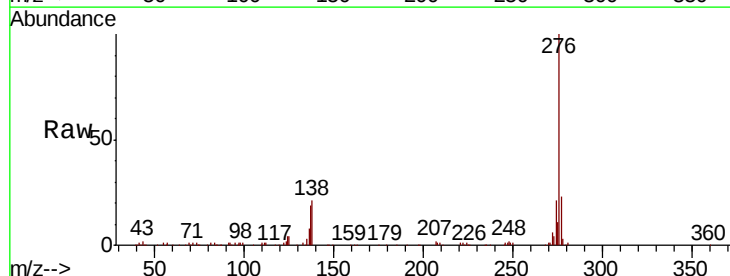


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 42.766 ng
RT: 17.70 min Scan# 2655
Delta R.T. 0.00 min
Lab File: BF110417.D
Acq: 2 Nov 2018 17:43

Tgt Ion:276 Resp: 316182
Ion Ratio Lower Upper
276 100
277 23.0 18.8 28.2
138 21.1 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

