

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
 Data File : BF110118.D
 Acq On : 24 Oct 2018 16:42
 Operator : JU/SJ
 Sample : J5603-19MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 25 02:12:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	162377	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	597969	20.00	ng	-0.02
39) Acenaphthene-d10	10.02	164	239350	20.00	ng	-0.01
64) Phenanthrene-d10	11.50	188	369524	20.00	ng	-0.01
76) Chrysene-d12	14.16	240	292388	20.00	ng	0.00
87) Perylene-d12	15.69	264	232129	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	544515	54.61	ng	-0.01
7) Phenol-d6	6.59	99	439728	34.48	ng	-0.02
23) Nitrobenzene-d5	7.53	82	787520	78.11	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	219721	92.67	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1315169	86.28	ng	-0.01
79) Terphenyl-d14	13.09	244	1008494	71.73	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.86	88	74453	14.252	ng	89
3) Pyridine	3.63	79	163040	14.012	ng	# 85
4) n-Nitrosodimethylamine	3.57	42	99115	20.331	ng	94
6) Aniline	6.63	93	206756	12.445	ng	# 54
8) 2-Chlorophenol	6.75	128	392576	34.149	ng	95
9) Benzaldehyde	6.52	77	269818	35.200	ng	97
10) Phenol	6.60	94	212298	15.572	ng	# 64
11) bis(2-Chloroethyl)ether	6.70	93	439374	39.173	ng	91
12) 1,3-Dichlorobenzene	6.91	146	441016	34.860	ng	98
13) 1,4-Dichlorobenzene	6.99	146	446957	34.932	ng	98
14) 1,2-Dichlorobenzene	7.14	146	417173	35.122	ng	98
15) Benzyl Alcohol	7.10	79	261225	26.630	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.24	45	715980	39.924	ng	69
17) 2-Methylphenol	7.22	107	266800	29.121	ng	# 79
18) Hexachloroethane	7.48	117	142298	30.377	ng	95
19) n-Nitroso-di-n-propylamine	7.38	70	314670	38.458	ng	98
20) 3+4-Methylphenols	7.36	107	304697	25.729	ng	97
22) Acetophenone	7.37	105	620018	44.999	ng	96
24) Nitrobenzene	7.55	77	461938	44.381	ng	95
25) Isophorone	7.79	82	851777	49.565	ng	96
26) 2-Nitrophenol	7.87	139	199323	40.243	ng	90
27) 2,4-Dimethylphenol	7.90	122	366873	44.676	ng	97
28) bis(2-Chloroethoxy)methane	7.99	93	545116	46.693	ng	99
29) 2,4-Dichlorophenol	8.10	162	337503	40.681	ng	97
30) 1,2,4-Trichlorobenzene	8.19	180	362570	39.016	ng	96
31) Naphthalene	8.27	128	1189972	43.178	ng	99
32) Benzoic acid	7.97	122	57986	9.136	ng	91
33) 4-Chloroaniline	8.32	127	101151	8.155	ng	99
34) Hexachlorobutadiene	8.39	225	193431	37.488	ng	99
35) Caprolactam	8.68	113	18483	6.392	ng	# 90
36) 4-Chloro-3-methylphenol	8.79	107	323729	36.085	ng	94
37) 2-Methylnaphthalene	8.97	142	804956	44.145	ng	98
38) 1-Methylnaphthalene	9.07	142	750985	42.618	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	341363	45.774	ng	99

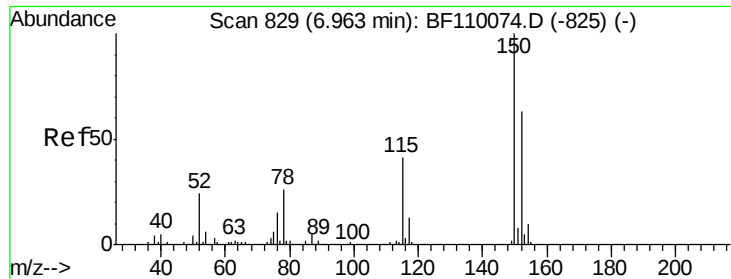
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	85908	22.528	ng	100
43) 2,4,6-Trichlorophenol	9.24	196	214290	44.550	ng	95
44) 2,4,5-Trichlorophenol	9.28	196	226592	44.566	ng	97
46) 1,1'-Biphenyl	9.43	154	954897	44.118	ng	98
47) 2-Chloronaphthalene	9.46	162	707046	44.533	ng	99
48) 2-Nitroaniline	9.55	65	224862	46.738	ng	96
49) Acenaphthylene	9.87	152	1053339	45.934	ng	97
50) Dimethylphthalate	9.73	163	895473	50.683	ng	99
51) 2,6-Dinitrotoluene	9.79	165	167914	44.120	ng	98
52) Acenaphthene	10.05	154	652058	42.982	ng	98
53) 3-Nitroaniline	9.96	138	100966	22.309	ng	88
54) 2,4-Dinitrophenol	10.07	184	23158	19.515	ng	89
55) Dibenzofuran	10.22	168	915056	43.082	ng	95
56) 4-Nitrophenol	10.12	139	135854	40.558	ng	91
57) 2,4-Dinitrotoluene	10.20	165	195168	40.373	ng	# 88
58) Fluorene	10.56	166	691386	43.737	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.33	232	172126	41.533	ng	96
60) Diethylphthalate	10.43	149	805970	46.731	ng	99
61) 4-Chlorophenyl-phenylether	10.55	204	347522	41.674	ng	99
62) 4-Nitroaniline	10.58	138	154843	34.399	ng	90
63) Azobenzene	10.71	77	713052	41.651	ng	97
65) 4,6-Dinitro-2-methylphenol	10.60	198	19076	11.299	ng	86
66) n-Nitrosodiphenylamine	10.67	169	616446	50.860	ng	97
67) 4-Bromophenyl-phenylether	11.05	248	194038	48.409	ng	99
68) Hexachlorobenzene	11.11	284	190795	44.863	ng	# 90
69) Atrazine	11.19	200	184165	48.081	ng	98
70) Pentachlorophenol	11.30	266	172782	69.673	ng	98
71) Phenanthrene	11.53	178	897572	46.422	ng	100
72) Anthracene	11.58	178	923060	47.628	ng	99
73) Carbazole	11.73	167	803362	42.455	ng	100
74) Di-n-butylphthalate	12.06	149	1071373	50.131	ng	99
75) Fluoranthene	12.72	202	887763	45.241	ng	99
77) Benzidine	12.84	184	441873	Below Cal		97
78) Pyrene	12.96	202	911754	43.496	ng	98
80) Butylbenzylphthalate	13.56	149	407471	44.786	ng	98
81) Benzo(a)anthracene	14.14	228	840093	48.450	ng	99
82) 3,3'-Dichlorobenzidine	14.10	252	268022	44.391	ng	98
83) Chrysene	14.19	228	776323	47.139	ng	99
84) Bis(2-ethylhexyl)phthalate	14.12	149	583587	47.450	ng	97
85) Di-n-octyl phthalate	14.74	149	1029831	53.850	ng	98
86) Indeno(1,2,3-cd)pyrene	17.25	276	573495	41.976	ng	95
88) Benzo(b)fluoranthene	15.23	252	691267	51.569	ng	99
89) Benzo(k)fluoranthene	15.23	252	691267	52.456	ng	98
90) Benzo(a)pyrene	15.62	252	611420	49.570	ng	97
91) Dibenzo(a,h)anthracene	17.27	278	490732	46.109	ng	99
92) Benzo(g,h,i)perylene	17.73	276	465854	44.420	ng	96

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

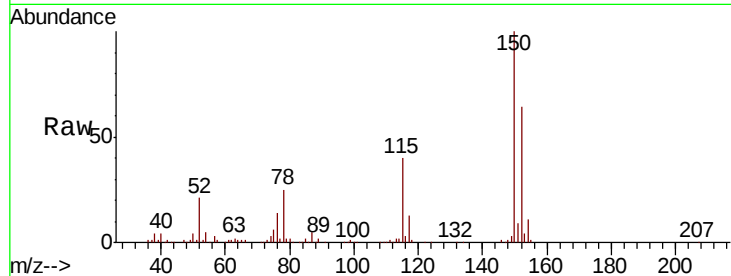


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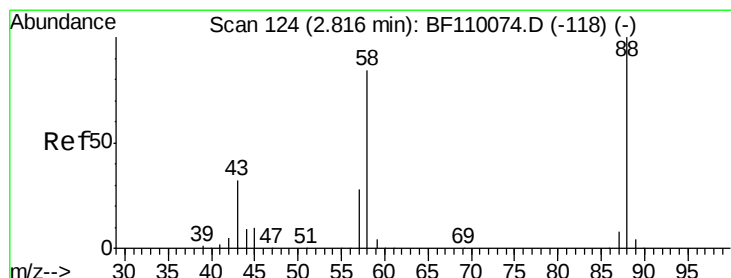
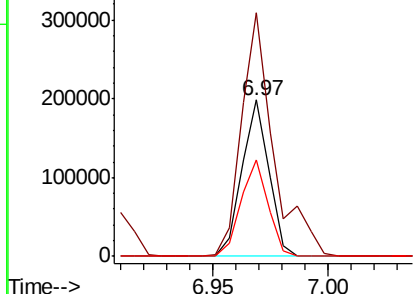
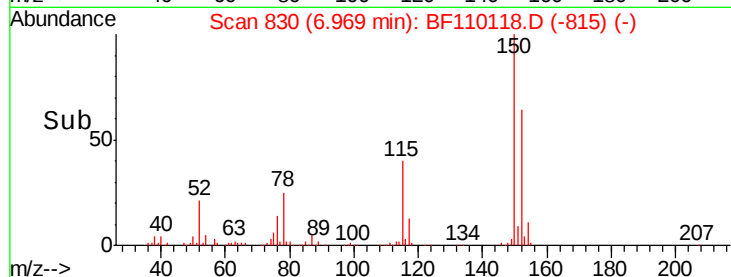
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110118.D
Acq: 24 Oct 2018 16:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 162377
Ion Ratio Lower Upper
152 100
150 155.6 122.7 184.1
115 61.5 49.1 73.7



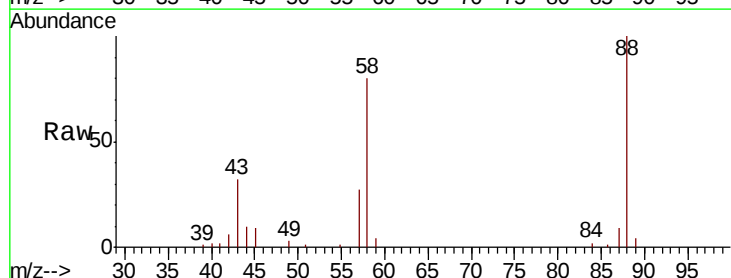
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



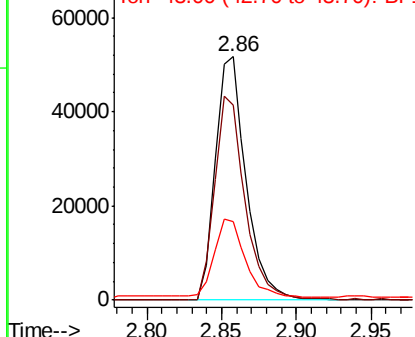
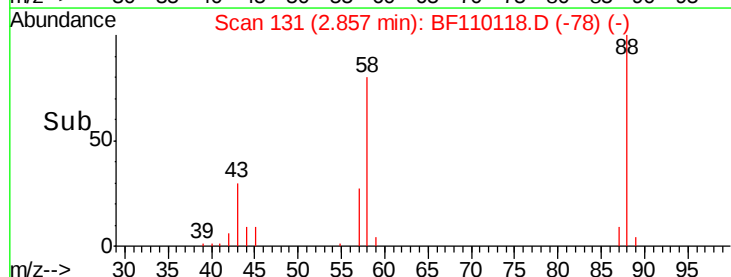
#2

1,4-Dioxane
Concen: 14.252 ng
RT: 2.86 min Scan# 131
Delta R.T. 0.01 min
Lab File: BF110118.D
Acq: 24 Oct 2018 16:42

Tgt Ion: 88 Resp: 74453
Ion Ratio Lower Upper
88 100
58 83.3 57.1 85.7
43 32.4 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

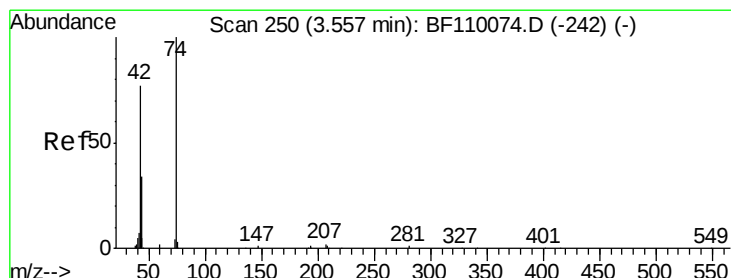
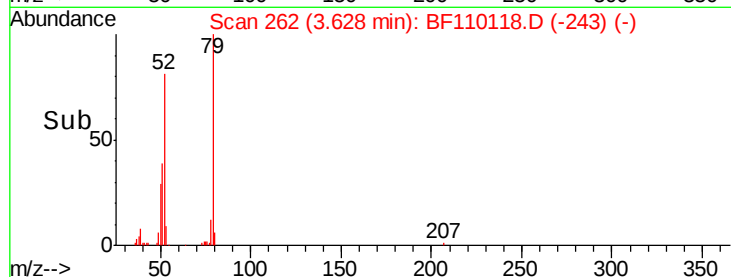
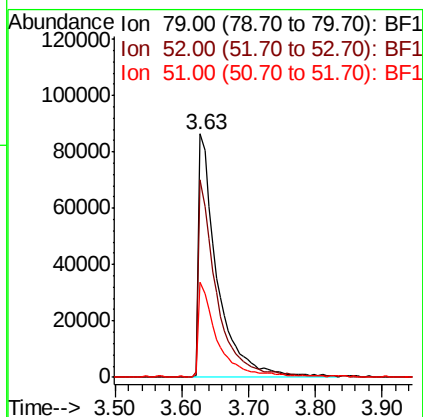
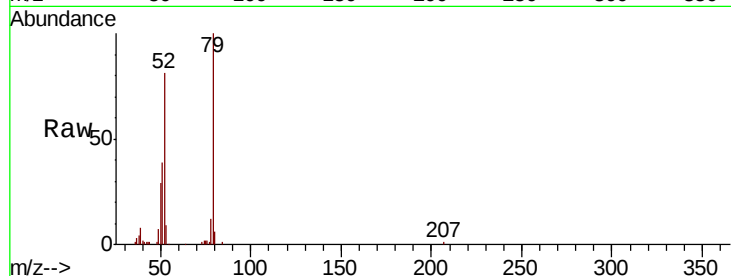




#3
 Pvridine
 Concen: 14.012 ng
 RT: 3.63 min Scan# 262
 Delta R.T. 0.01 min
 Lab File: BF110118.D
 Acq: 24 Oct 2018 16:42

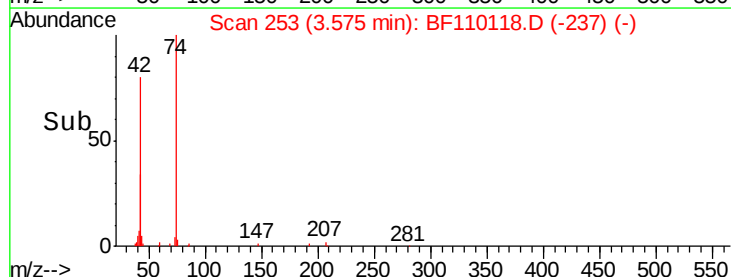
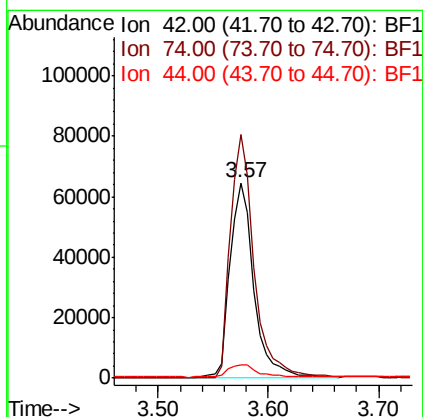
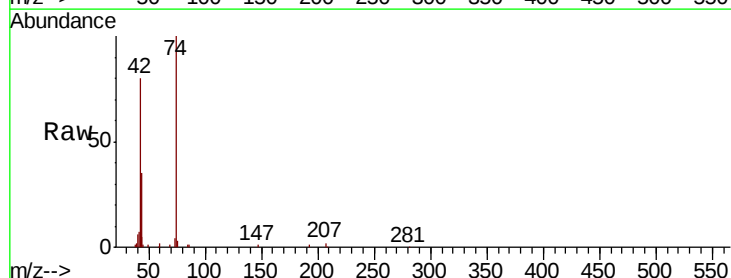
Instrument :
 BNA_F
 ClientSampled :

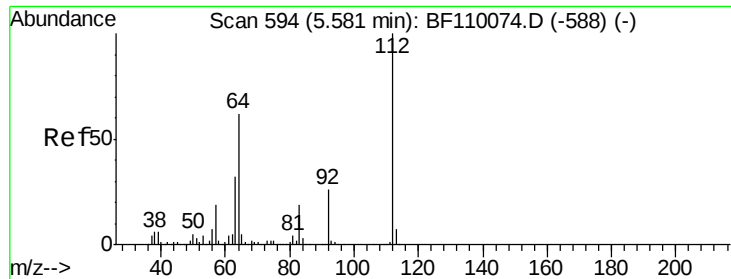
Tot Ion: 79 Resp: 163040
 Ion Ratio Lower Upper
 79 100
 52 81.2 53.1 79.7#
 51 39.0 27.4 41.2



#4
 n-Nitrosodimethylamine
 Concen: 20.331 ng
 RT: 3.57 min Scan# 253
 Delta R.T. -0.01 min
 Lab File: BF110118.D
 Acq: 24 Oct 2018 16:42

Tgt Ion: 42 Resp: 99115
 Ion Ratio Lower Upper
 42 100
 74 124.6 105.5 158.3
 44 6.7 4.9 7.3





#5

2-Fluorophenol

Concen: 54.609 ng

RT: 5.59 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF110118.D

Acq: 24 Oct 2018 16:42

Instrument :

BNA_F

ClientSampleId :

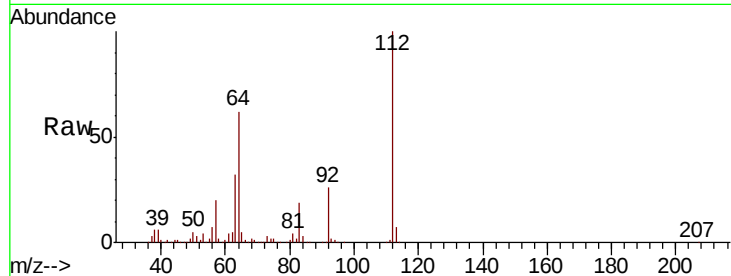
Tot Ion:112 Resp: 544515

Ion Ratio Lower Upper

112 100

64 62.1 44.1 66.1

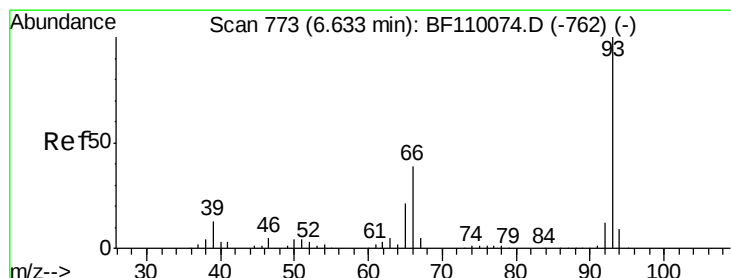
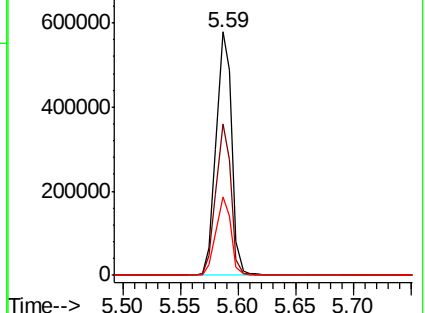
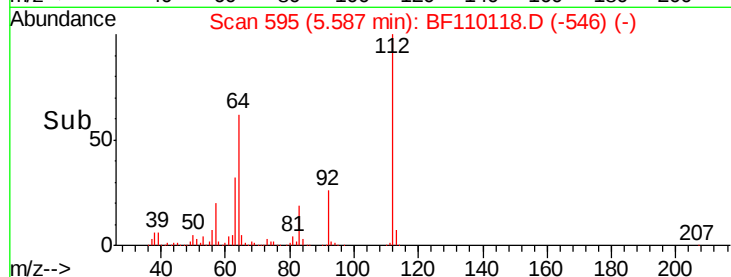
63 32.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 12.445 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.02 min

Lab File: BF110118.D

Acq: 24 Oct 2018 16:42

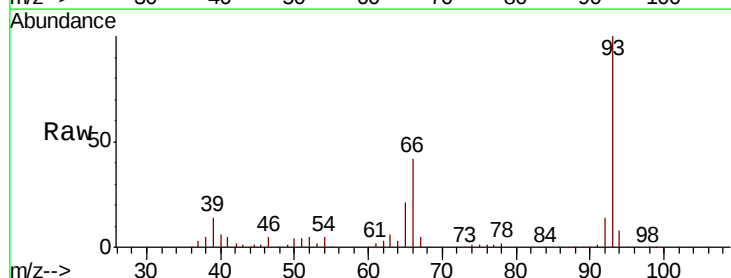
Tgt Ion: 93 Resp: 206756

Ion Ratio Lower Upper

93 100

66 41.6 67.4 101.0#

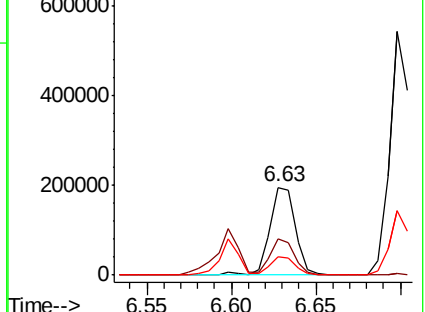
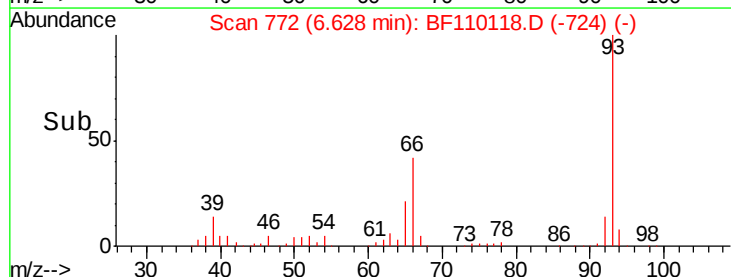
65 21.1 41.0 61.4#

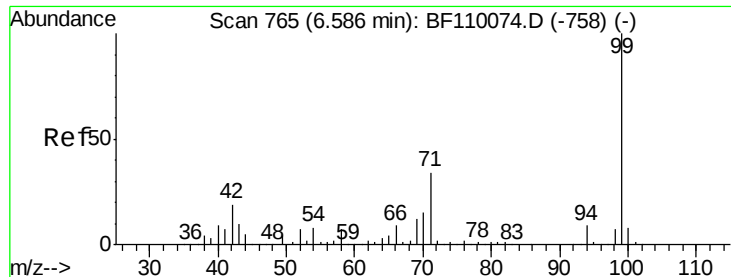


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 34.478 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110118.D

Acq: 24 Oct 2018 16:42

Instrument :

BNA_F

ClientSampleId :

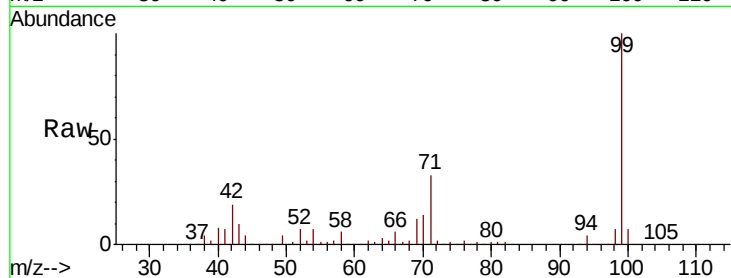
Tot Ion: 99 Resp: 439728

Ion Ratio Lower Upper

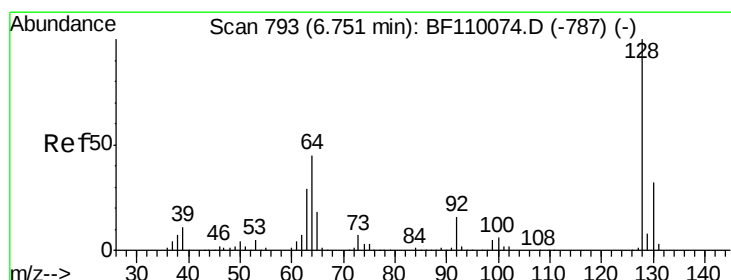
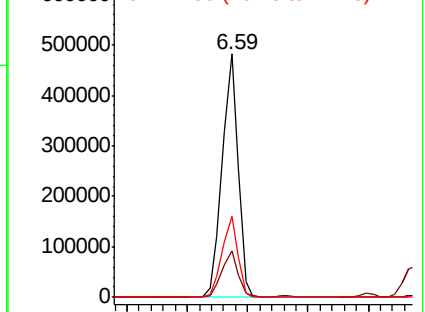
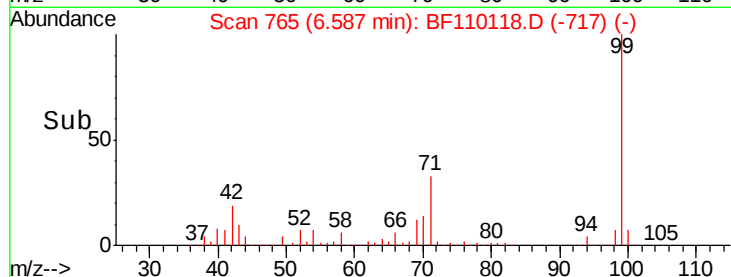
99 100

42 19.0 15.8 23.6

71 33.1 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 34.149 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.02 min

Lab File: BF110118.D

Acq: 24 Oct 2018 16:42

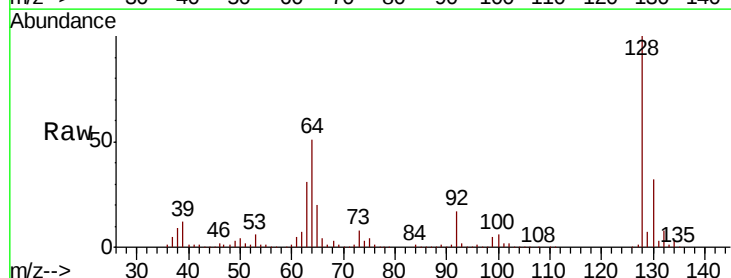
Tgt Ion: 128 Resp: 392576

Ion Ratio Lower Upper

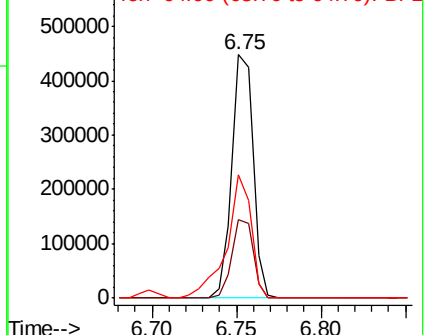
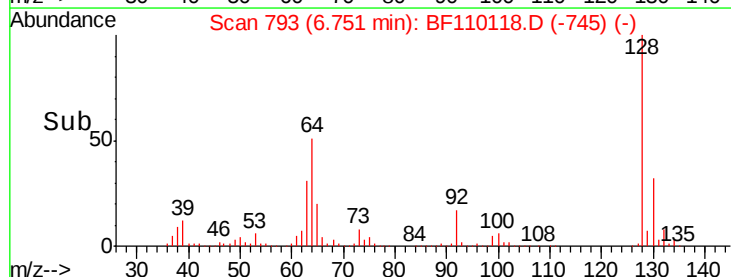
128 100

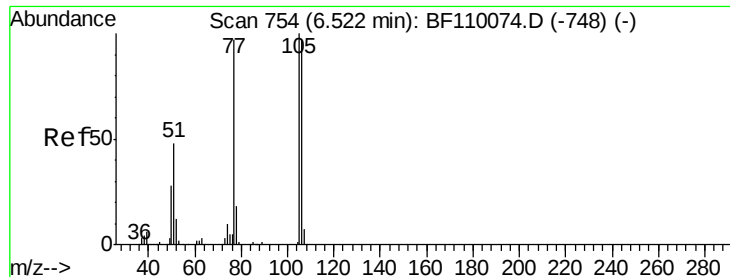
130 32.3 13.1 53.1

64 50.7 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: 35.200 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF110118.D

Acq: 24 Oct 2018 16:42

Instrument :

BNA_F

ClientSampleId :

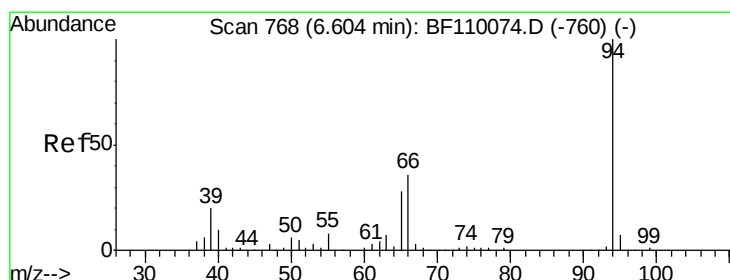
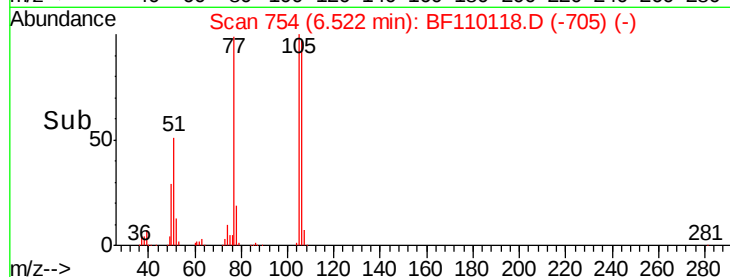
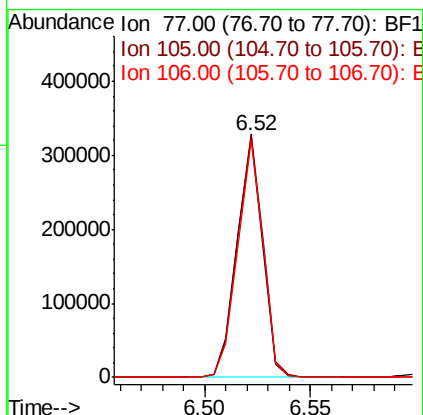
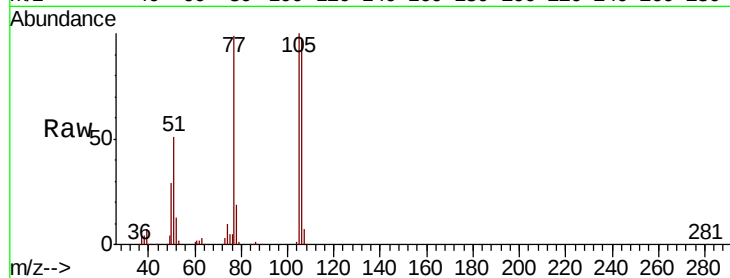
Tot Ion: 77 Resp: 269818

Ion Ratio Lower Upper

77 100

105 101.0 78.6 118.6

106 98.2 74.8 114.8



#10

Phenol

Concen: 15.572 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF110118.D

Acq: 24 Oct 2018 16:42

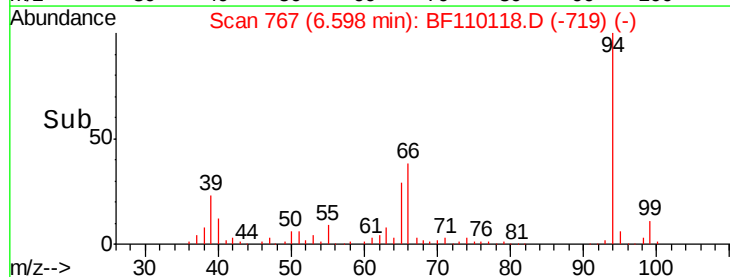
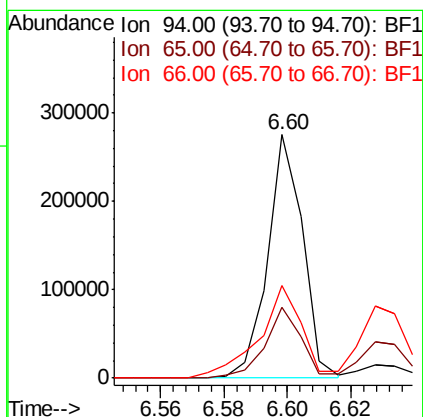
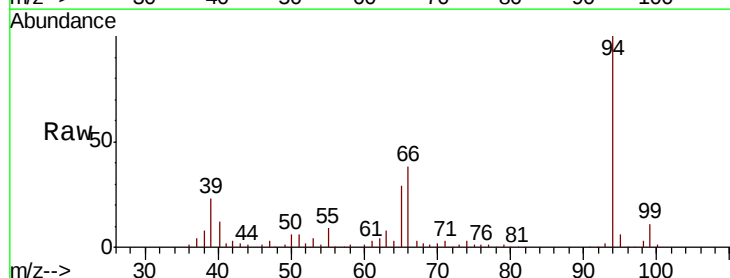
Tgt Ion: 94 Resp: 212298

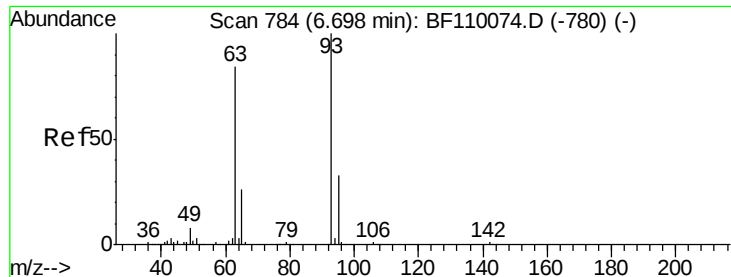
Ion Ratio Lower Upper

94 100

65 29.0 25.3 65.3

66 37.8 54.5 94.5#





#11

bis(2-Chloroethyl)ether

Concen: 39.173 ng

RT: 6.70 min Scan# 784

Delta R.T. -0.02 min

Lab File: BF110118.D

Acq: 24 Oct 2018 16:42

Instrument :

BNA_F

ClientSampleId :

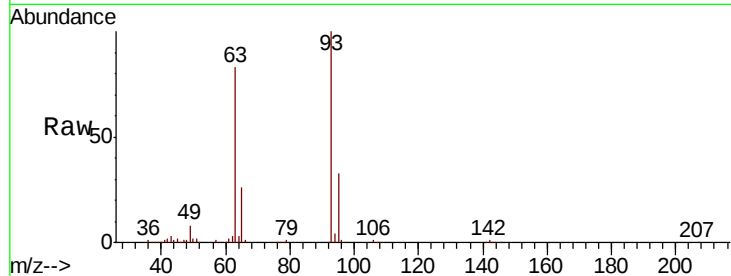
Tot Ion: 93 Resp: 439374

Ion Ratio Lower Upper

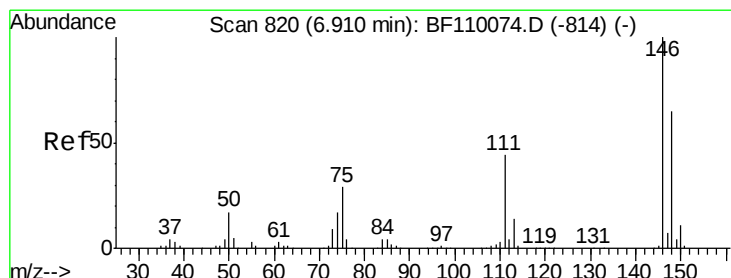
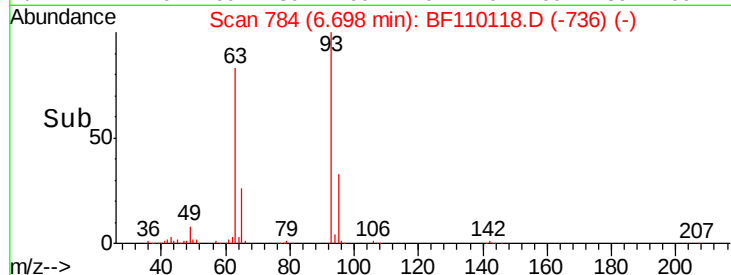
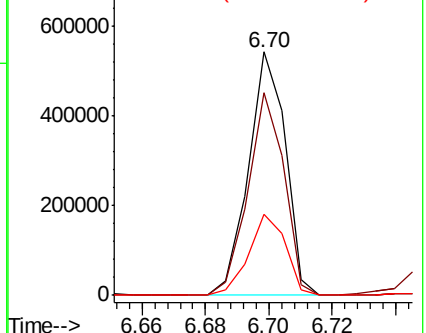
93 100

63 83.2 53.4 93.4

95 33.1 12.1 52.1



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



#12

1,3-Dichlorobenzene

Concen: 34.860 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF110118.D

Acq: 24 Oct 2018 16:42

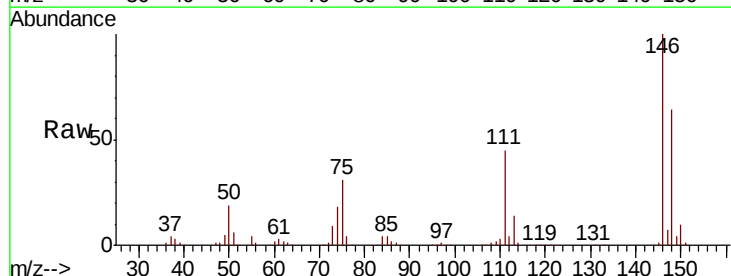
Tgt Ion: 146 Resp: 441016

Ion Ratio Lower Upper

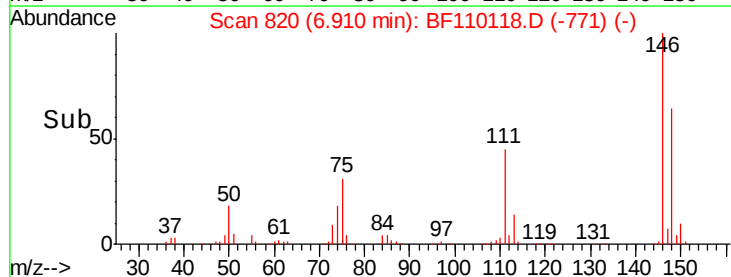
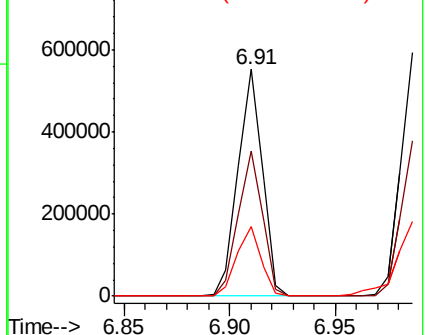
146 100

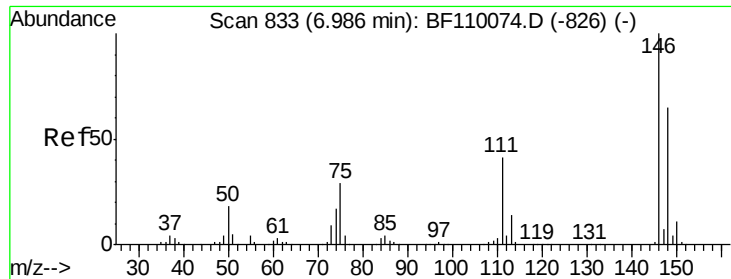
148 64.2 50.4 75.6

75 30.7 25.8 38.6



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

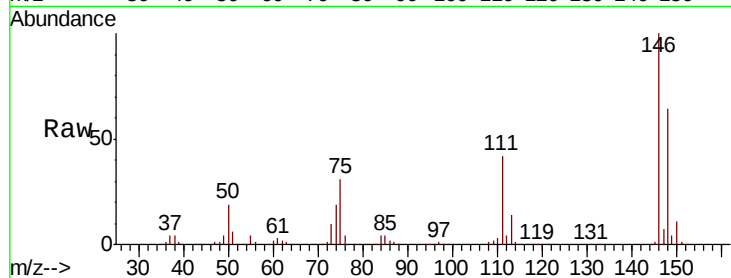




#13
 1,4-Dichlorobenzene
 Concen: 34.932 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF110118.D
 Acq: 24 Oct 2018 16:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.3	75.5
111	42.4	32.7	49.1

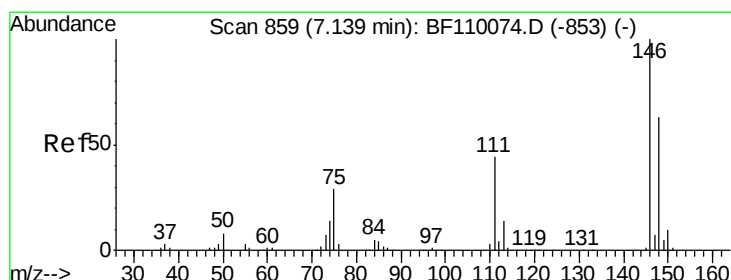
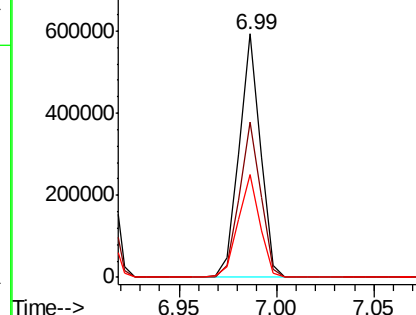
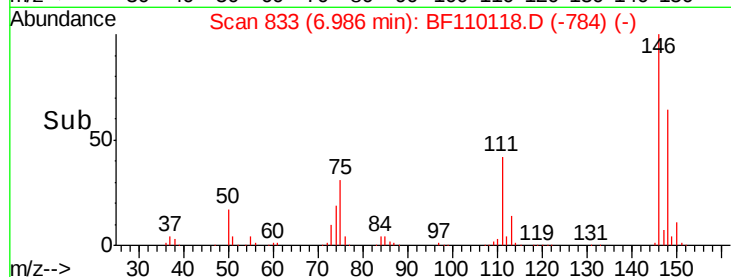


Abundance

Ion 146.00 (145.70 to 146.70): E

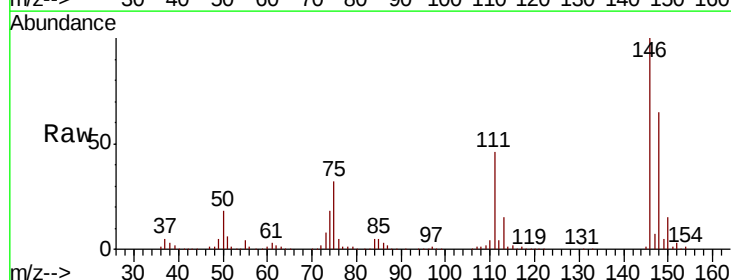
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 35.122 ng
 RT: 7.14 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: BF110118.D
 Acq: 24 Oct 2018 16:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.1	76.7
111	45.9	35.8	53.6

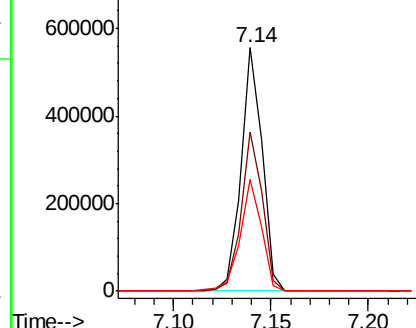
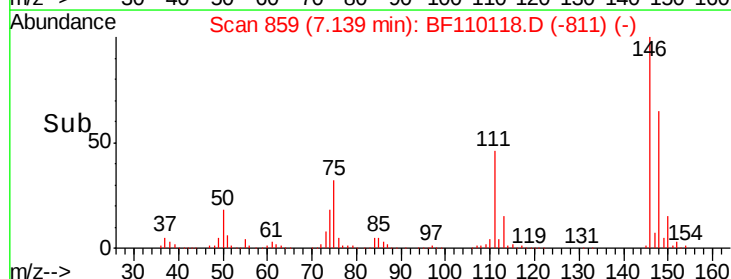


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 26.630 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF110118.D

Acq: 24 Oct 2018 16:42

Instrument :

BNA_F

ClientSampleId :

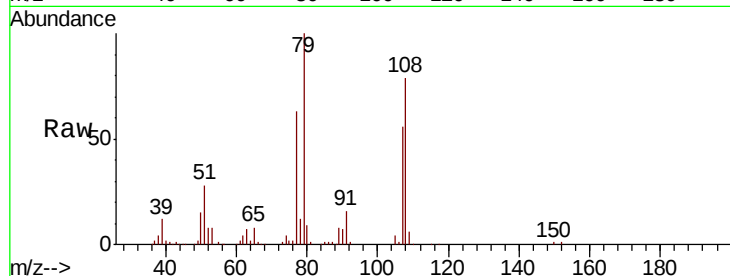
Tot Ion: 79 Resp: 261225

Ion Ratio Lower Upper

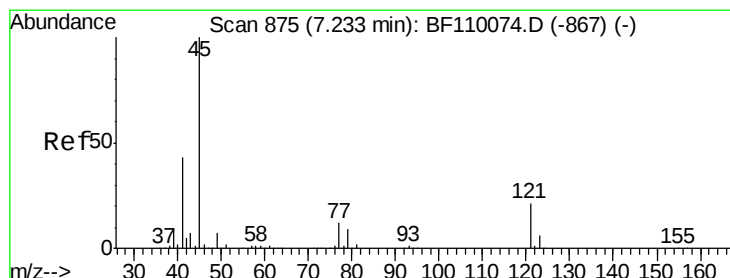
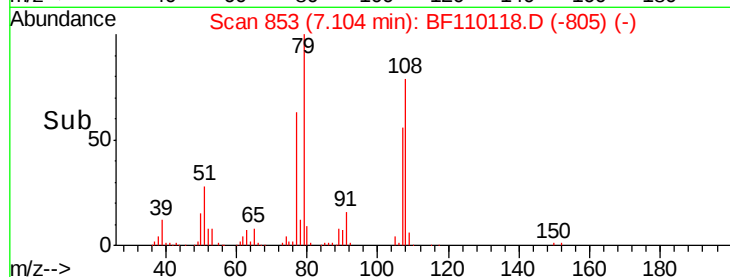
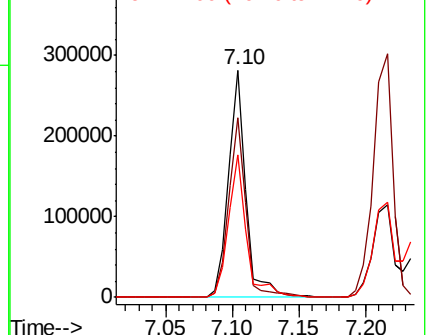
79 100

108 79.1 56.3 84.5

77 62.9 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: 39.924 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF110118.D

Acq: 24 Oct 2018 16:42

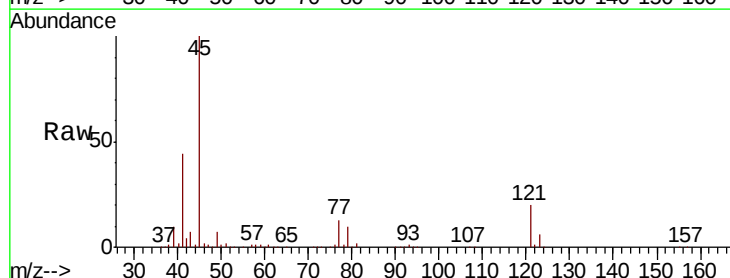
Tgt Ion: 45 Resp: 715980

Ion Ratio Lower Upper

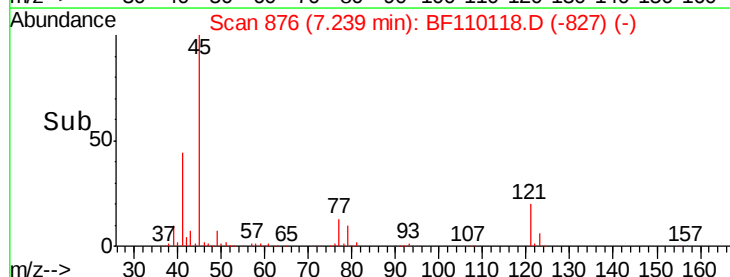
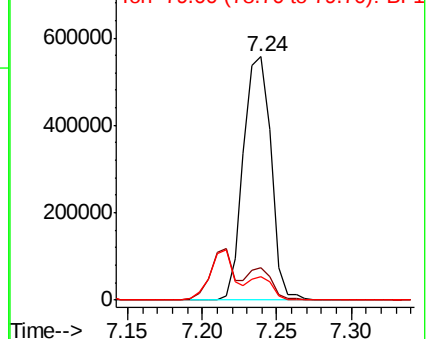
45 100

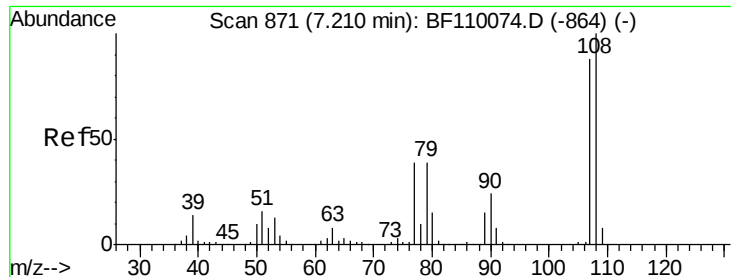
77 13.4 10.0 50.0

79 9.9 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: 29.121 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF110118.D

Acq: 24 Oct 2018 16:42

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 266800

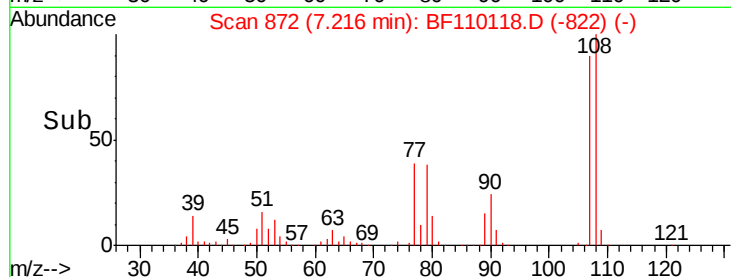
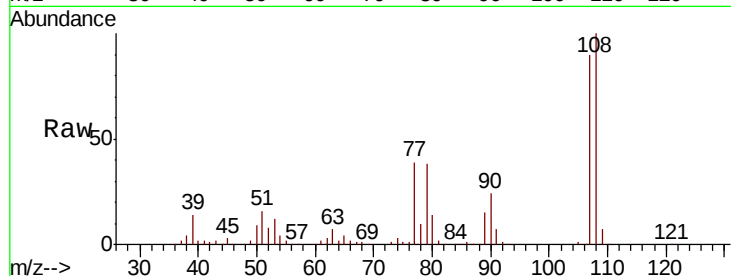
Ion Ratio Lower Upper

107 100

108 111.2 92.6 138.8

77 43.2 59.4 89.2#

79 42.1 54.0 81.0#

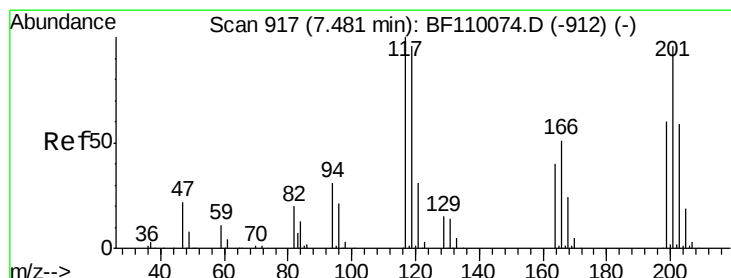
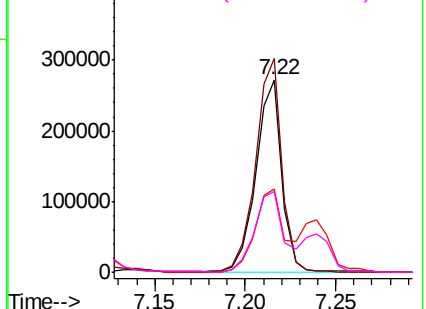


Abundance Ion 107.00 (106.70 to 107.70): E

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: 30.377 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.02 min

Lab File: BF110118.D

Acq: 24 Oct 2018 16:42

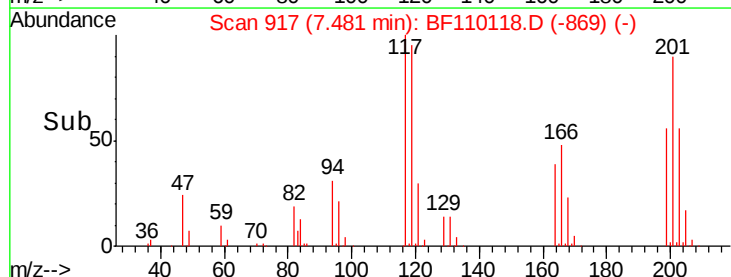
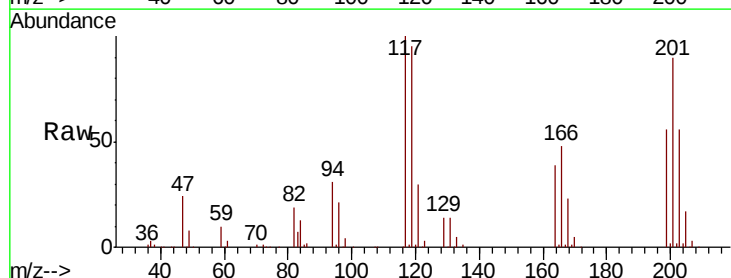
Tgt Ion:117 Resp: 142298

Ion Ratio Lower Upper

117 100

119 94.9 75.0 112.6

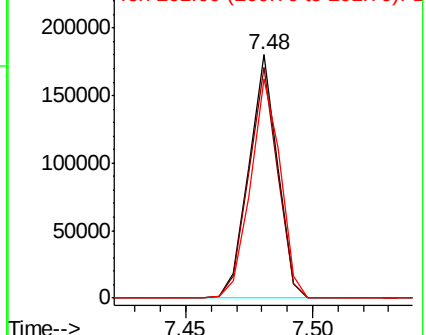
201 89.9 79.2 118.8

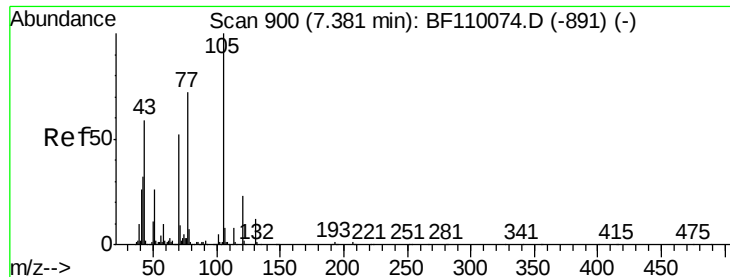


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

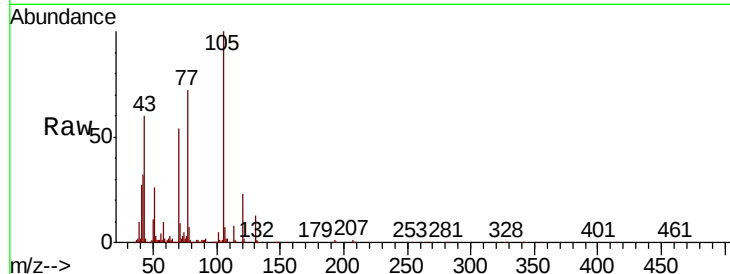




#19
n-Nitroso-di-n-propylamine
Concen: 38.458 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF110118.D
Acq: 24 Oct 2018 16:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	314670
Ion	Ratio	Lower	Upper
70	100		
42	58.7	47.4	71.2
101	10.0	7.3	10.9
130	23.5	16.2	24.2



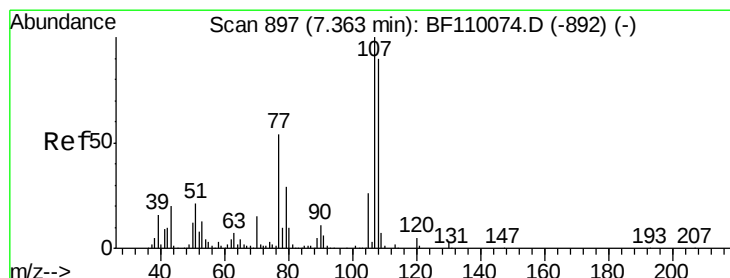
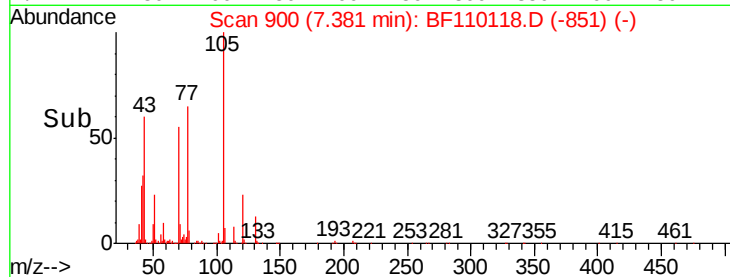
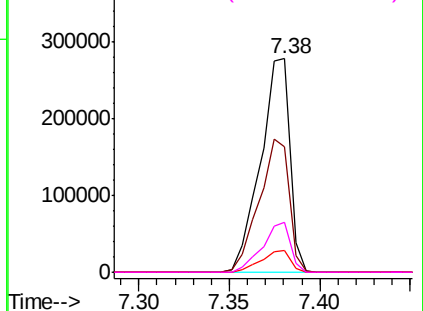
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

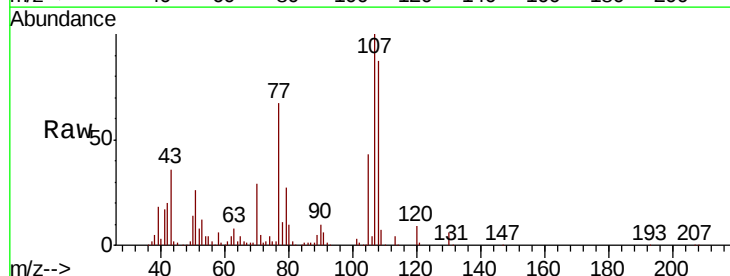
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 25.729 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF110118.D
Acq: 24 Oct 2018 16:42

Tgt Ion:	107	Resp:	304697
Ion	Ratio	Lower	Upper
107	100		
108	87.4	71.4	111.4
77	66.7	47.3	87.3
79	27.0	10.9	50.9



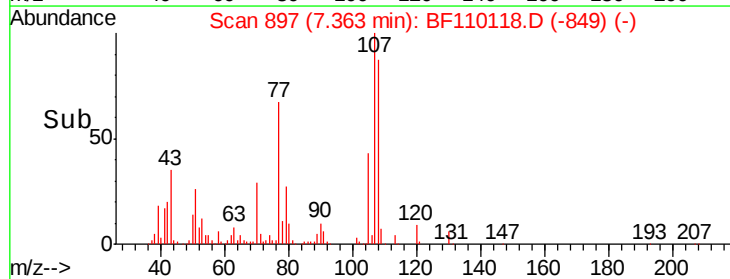
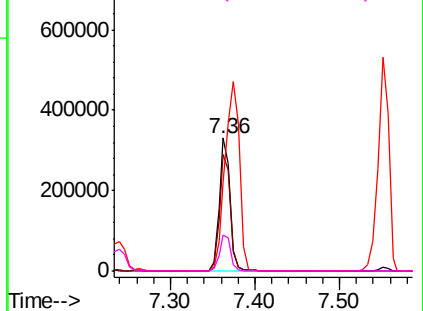
Abundance

Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.02 min

Lab File: BF110118.D

Acq: 24 Oct 2018 16:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 597969

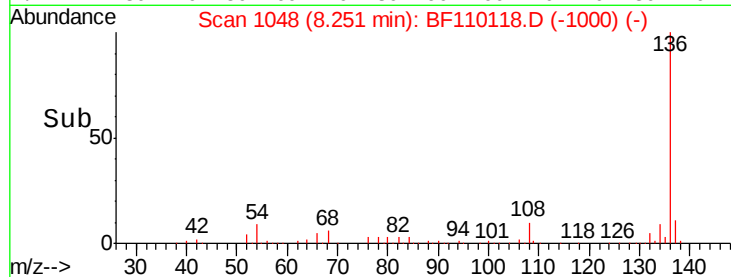
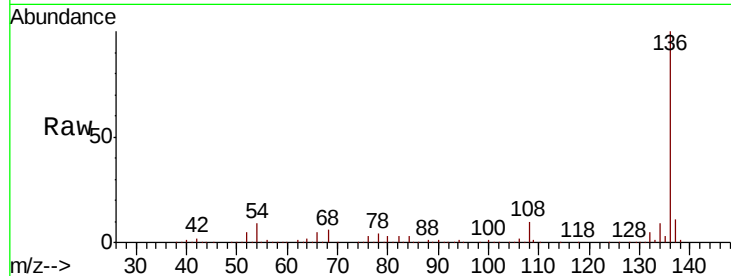
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 8.6 5.4 8.2#

68 5.8 4.2 6.2

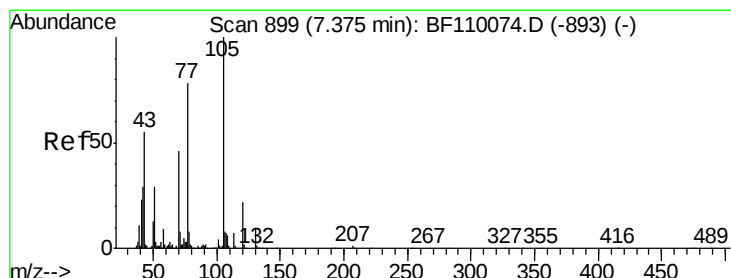
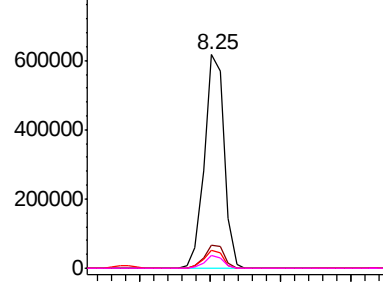


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 44.999 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.02 min

Lab File: BF110118.D

Acq: 24 Oct 2018 16:42

Tgt Ion:105 Resp: 620018

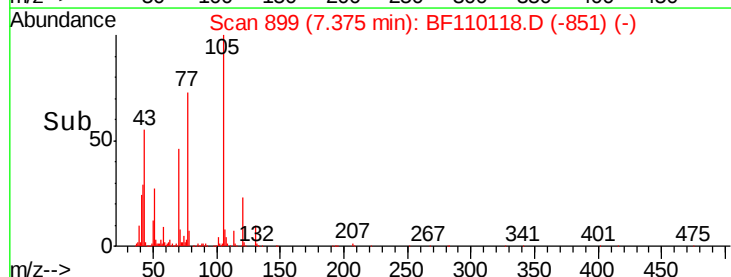
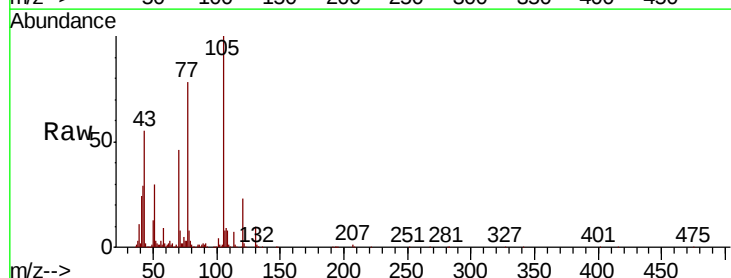
Ion Ratio Lower Upper

105 100

71 7.6 5.2 7.8

51 30.0 21.8 32.8

120 22.8 17.0 25.4

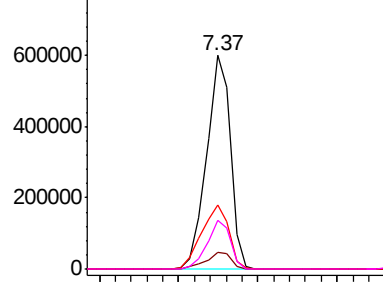


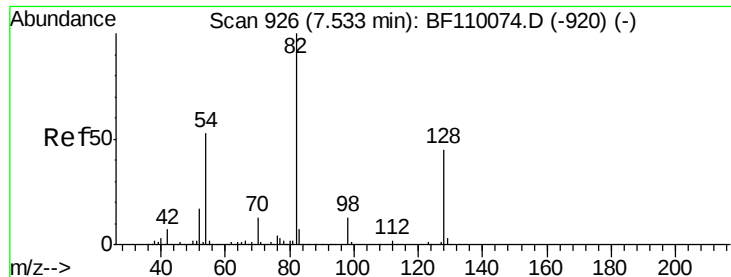
Abundance Ion 105.00 (104.70 to 105.70): E

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

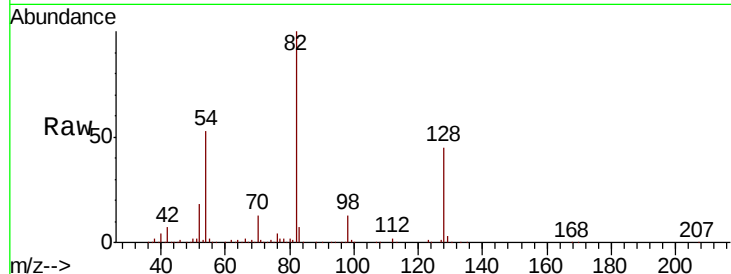




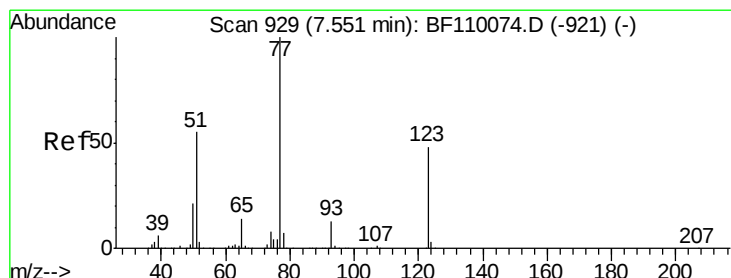
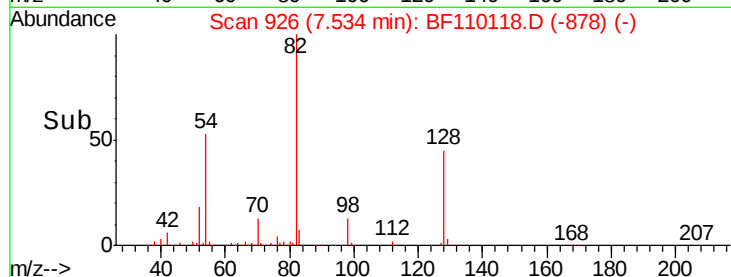
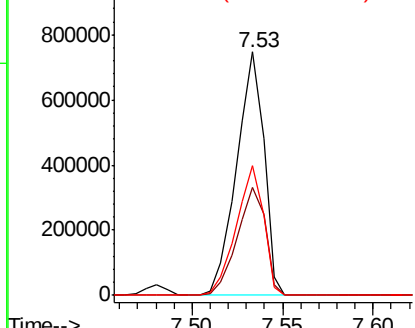
#23
Nitrobenzene-d5
Concen: 78.115 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110118.D
Acq: 24 Oct 2018 16:42

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.2	51.2
54	53.4	38.6	58.0

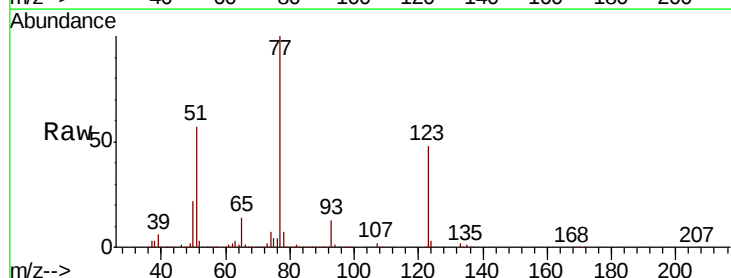


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

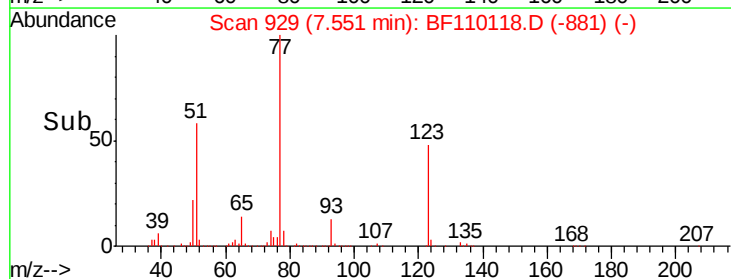
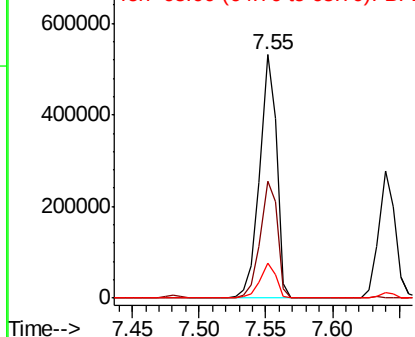


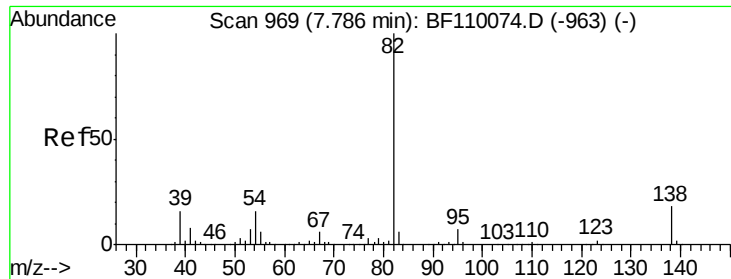
#24
Nitrobenzene
Concen: 44.381 ng
RT: 7.55 min Scan# 929
Delta R.T. -0.02 min
Lab File: BF110118.D
Acq: 24 Oct 2018 16:42

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.2	35.7	53.5
65	14.2	10.7	16.1



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

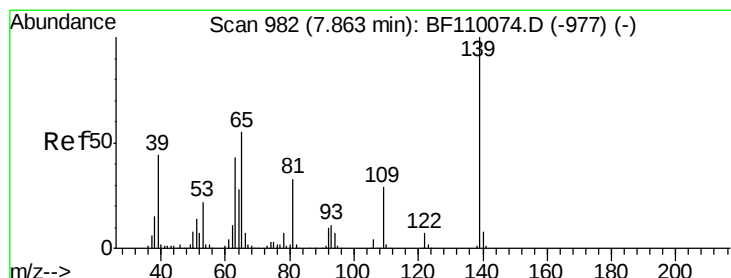
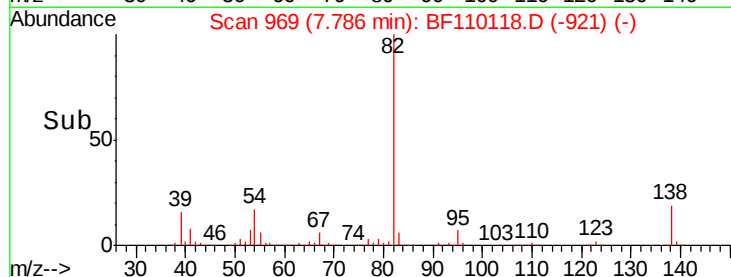
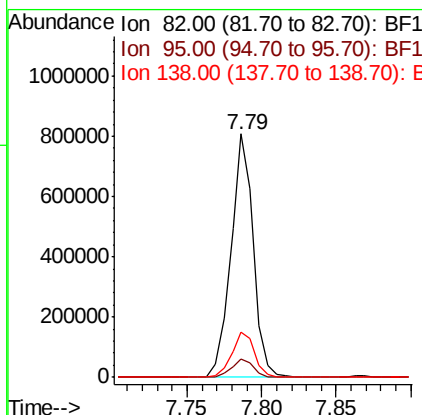
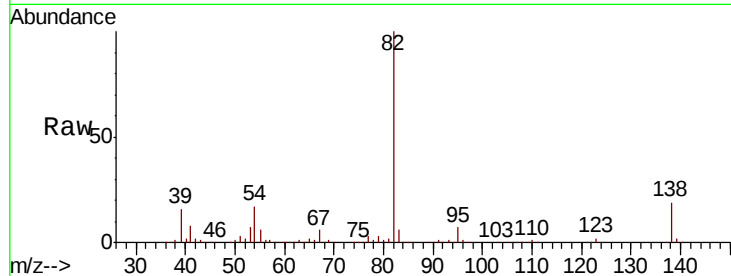




#25
Isophorone
Concen: 49.565 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.02 min
Lab File: BF110118.D
Acq: 24 Oct 2018 16:42

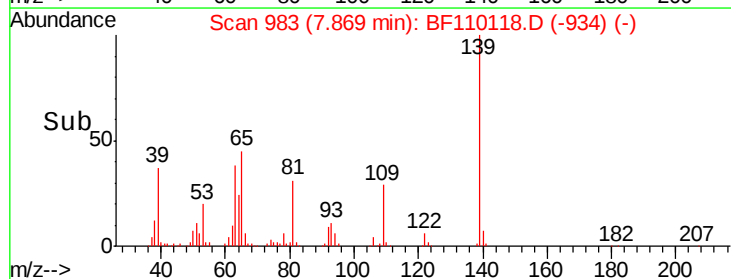
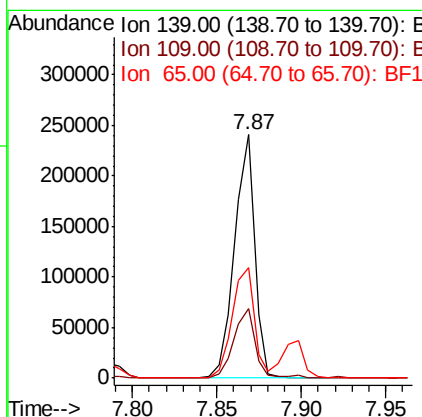
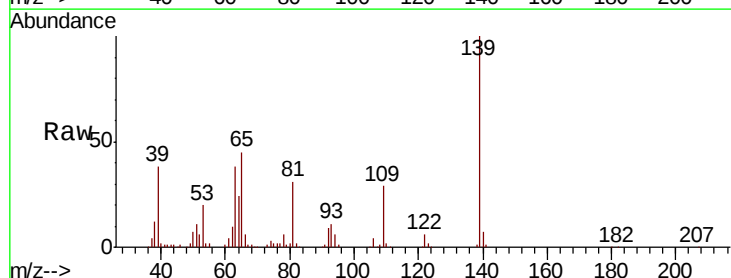
Instrument :
BNA_F
ClientSampleId :

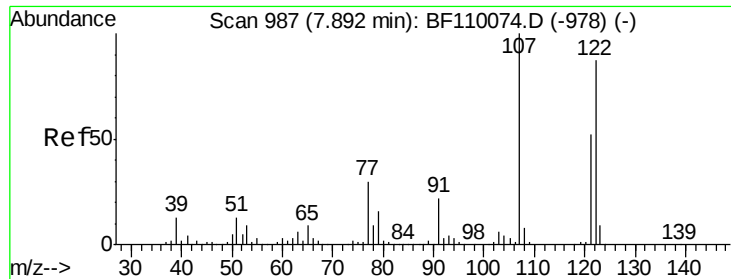
Tot Ion: 82 Resp: 851777
Ion Ratio Lower Upper
82 100
95 7.4 5.7 8.5
138 18.6 13.2 19.8



#26
2-Nitrophenol
Concen: 40.243 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF110118.D
Acq: 24 Oct 2018 16:42

Tgt Ion: 139 Resp: 199323
Ion Ratio Lower Upper
139 100
109 28.6 25.0 37.6
65 45.5 44.0 66.0

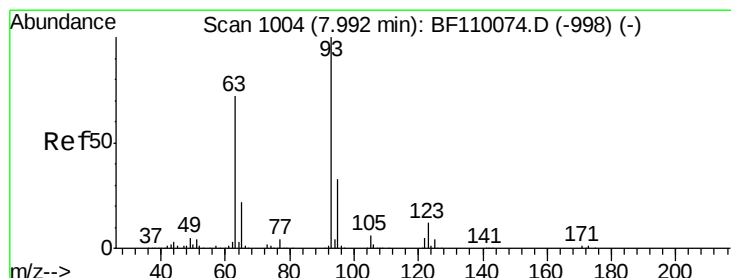
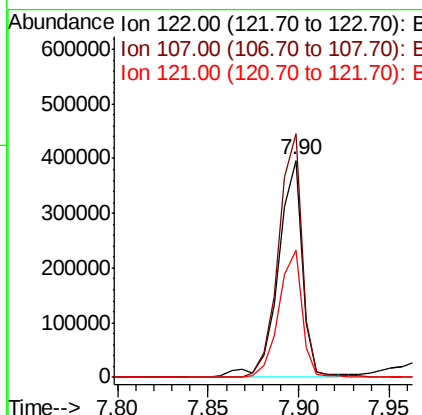
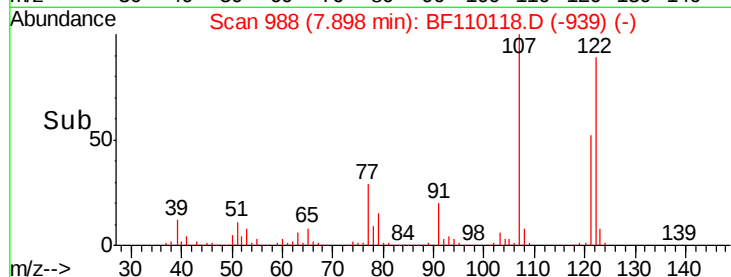
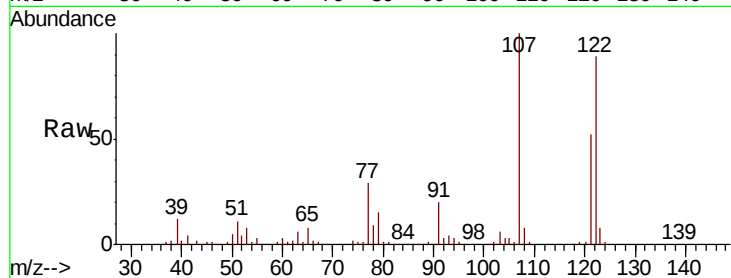




#27
2,4-Dimethylphenol
Concen: 44.676 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF110118.D
Acq: 24 Oct 2018 16:42

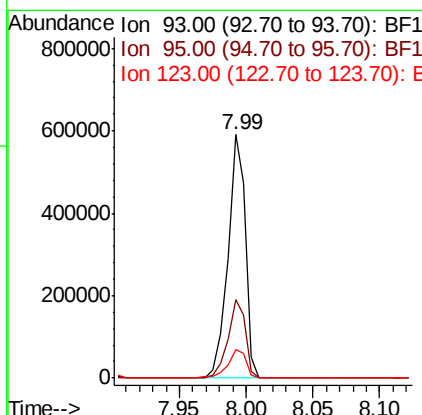
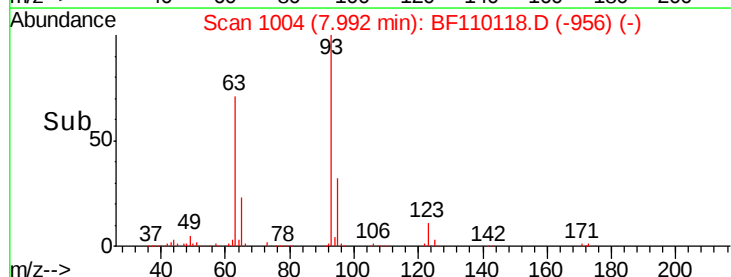
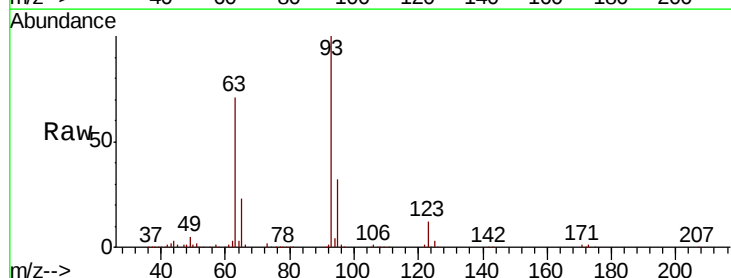
Instrument :
BNA_F
ClientSampled :

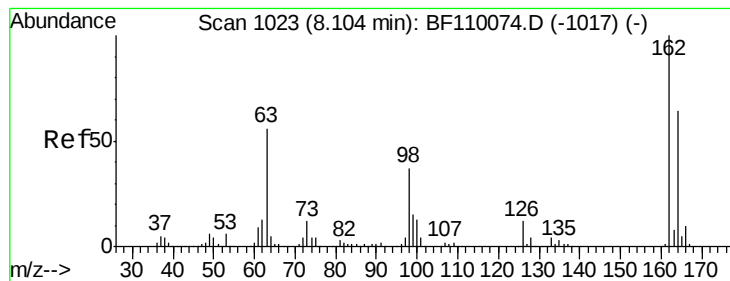
Tot Ion:122 Resp: 366873
Ion Ratio Lower Upper
122 100
107 112.4 92.5 138.7
121 58.5 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 46.693 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF110118.D
Acq: 24 Oct 2018 16:42

Tgt Ion: 93 Resp: 545116
Ion Ratio Lower Upper
93 100
95 32.5 26.4 39.6
123 11.5 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 40.681 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF110118.D

Acq: 24 Oct 2018 16:42

Instrument :

BNA_F

ClientSampled :

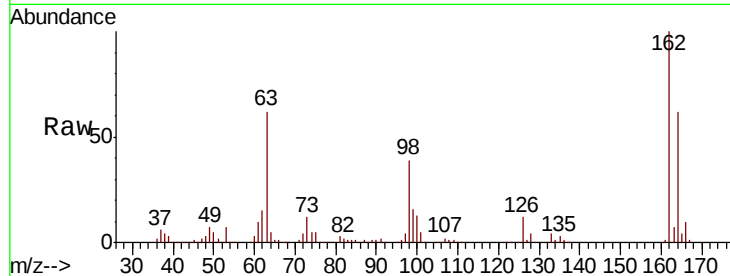
Tot Ion:162 Resp: 337503

Ion Ratio Lower Upper

162 100

164 62.3 44.6 84.6

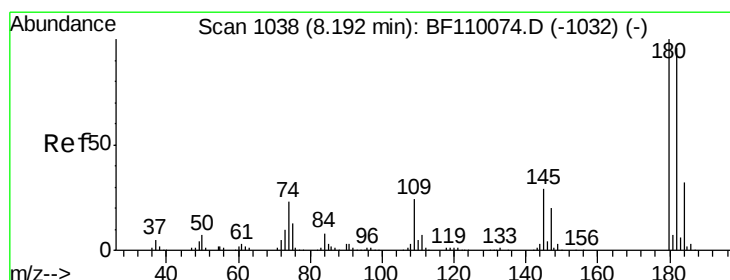
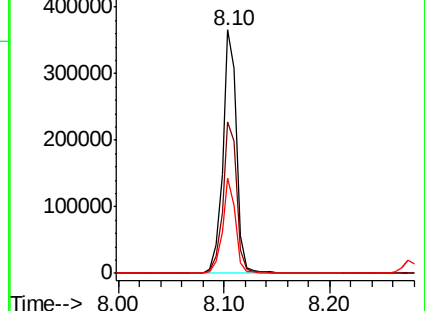
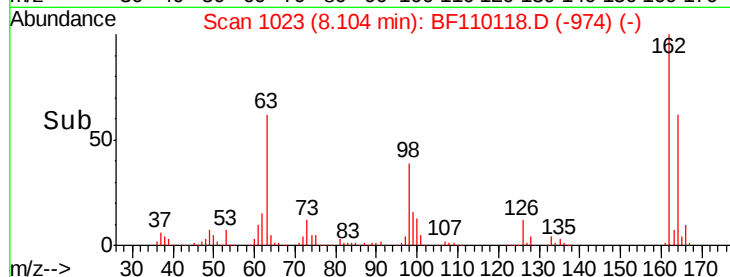
98 39.0 17.4 57.4



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: 39.016 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF110118.D

Acq: 24 Oct 2018 16:42

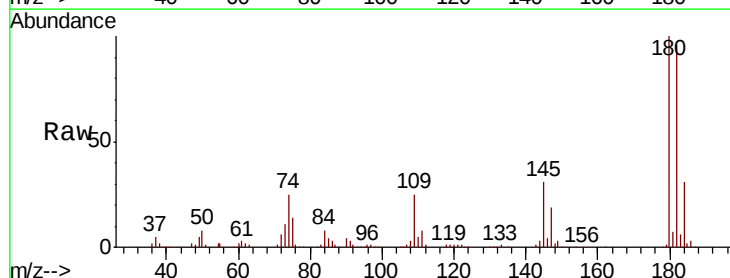
Tgt Ion:180 Resp: 362570

Ion Ratio Lower Upper

180 100

182 95.7 80.3 120.5

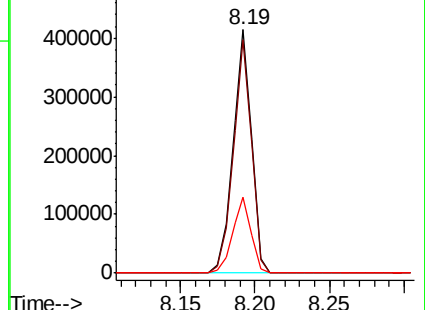
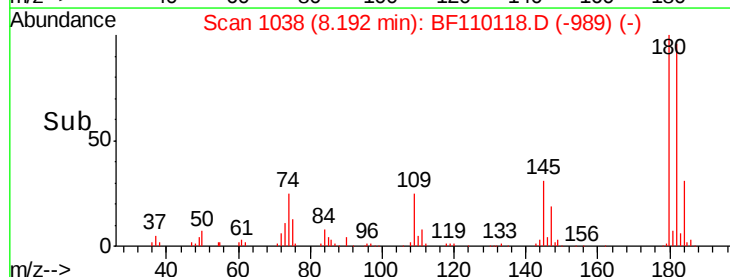
145 31.0 25.4 38.0

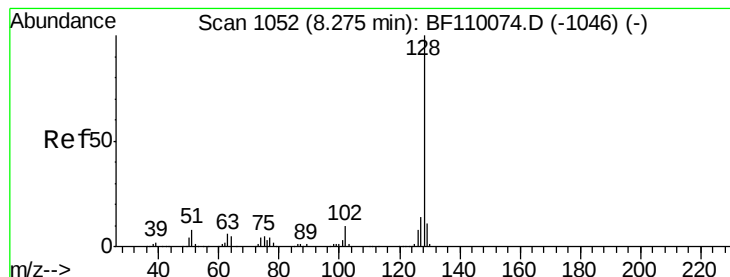


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.178 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.02 min

Lab File: BF110118.D

Acq: 24 Oct 2018 16:42

Instrument :

BNA_F

ClientSampleId :

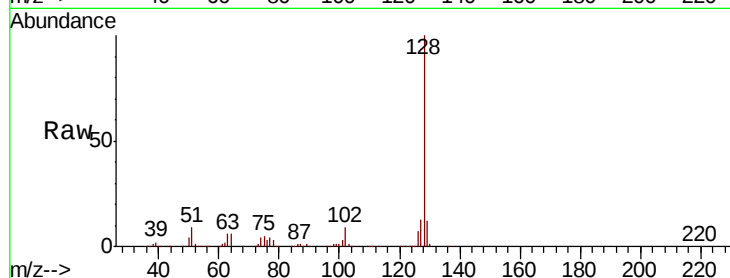
Tot Ion:128 Resp: 1189972

Ion Ratio Lower Upper

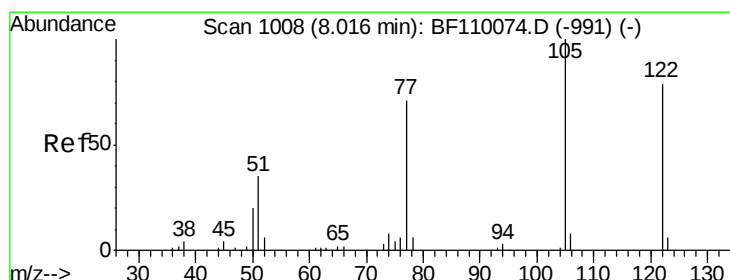
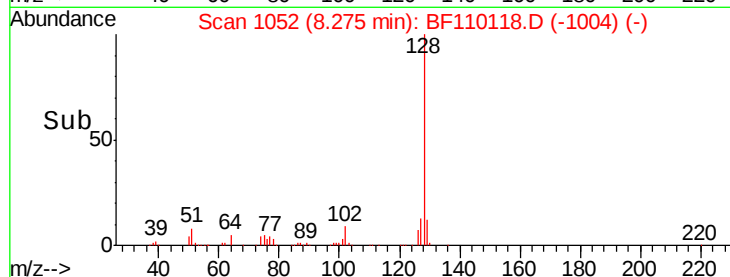
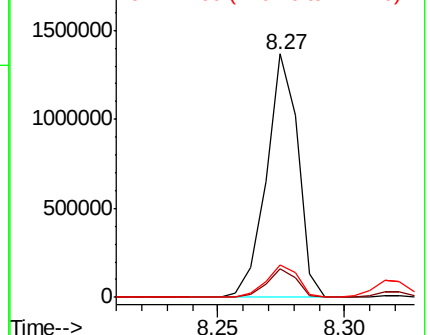
128 100

129 11.6 8.8 13.2

127 13.5 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: 9.136 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.04 min

Lab File: BF110118.D

Acq: 24 Oct 2018 16:42

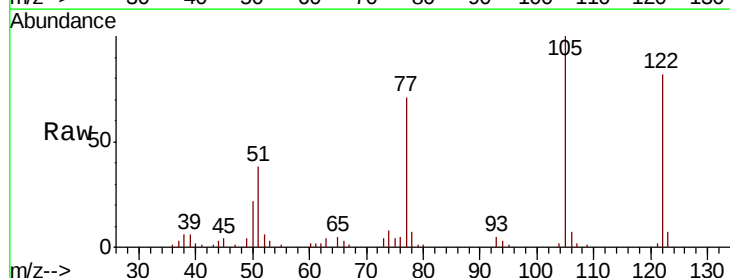
Tgt Ion:122 Resp: 57986

Ion Ratio Lower Upper

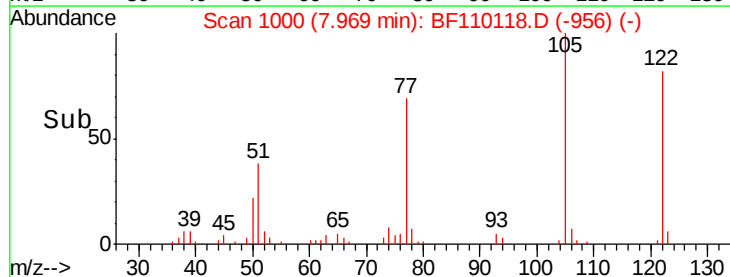
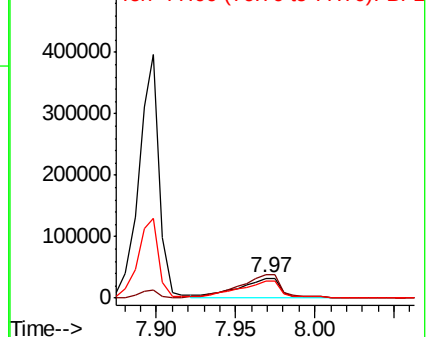
122 100

105 121.3 109.0 149.0

77 86.4 79.0 119.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

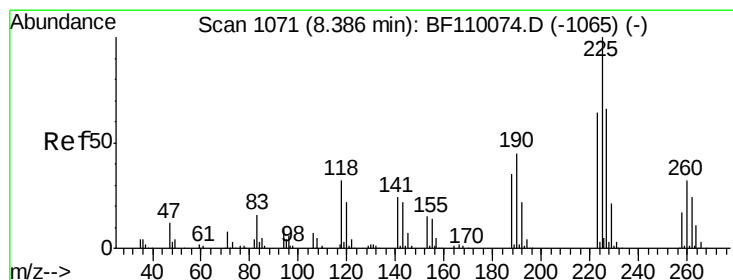
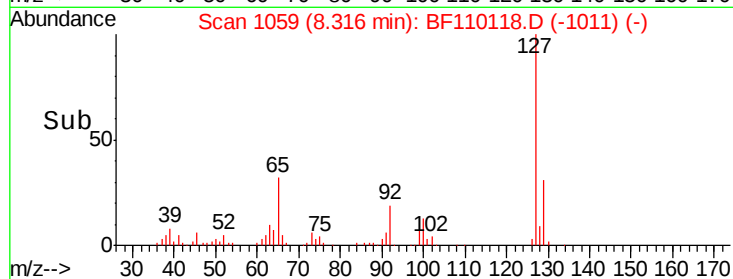
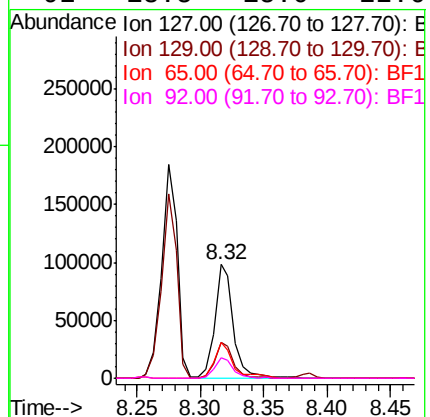
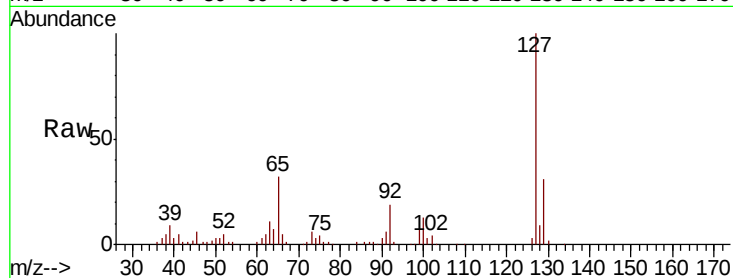




#33
4-Chloroaniline
Concen: 8.155 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.02 min
Lab File: BF110118.D
Acq: 24 Oct 2018 16:42

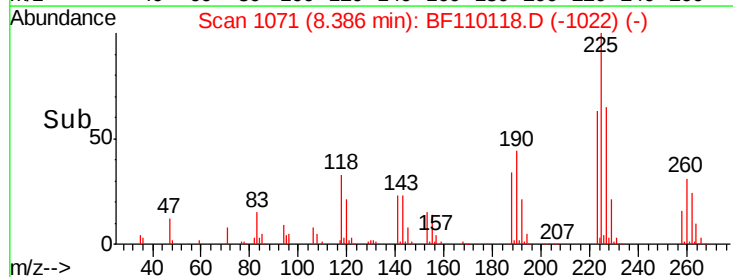
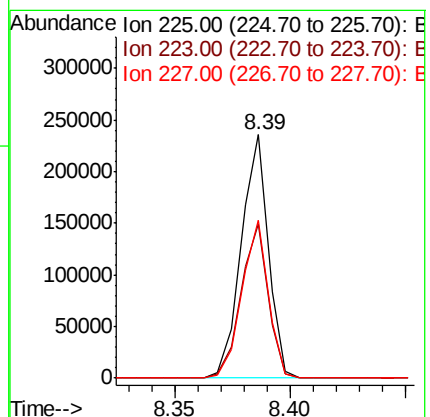
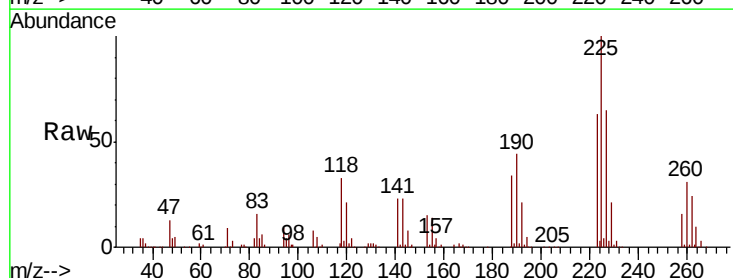
Instrument :
BNA_F
ClientSampled :

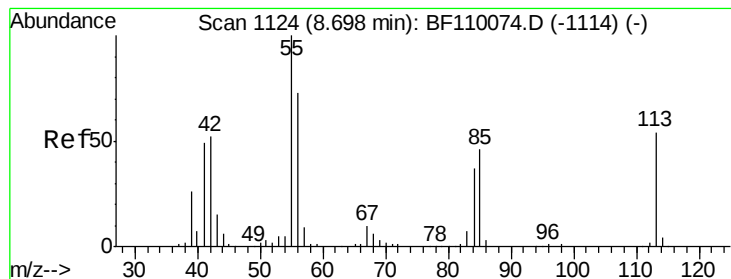
Tot Ion:	127	Resp:	101151
Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.0	39.0
65	31.6	25.1	37.7
92	18.5	15.0	22.6



#34
Hexachlorobutadiene
Concen: 37.488 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF110118.D
Acq: 24 Oct 2018 16:42

Tgt Ion:	225	Resp:	193431
Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.4	77.2
227	65.0	51.0	76.6





#35

Caprolactam

Concen: 6.392 ng

RT: 8.68 min Scan# 1121

Delta R.T. -0.03 min

Lab File: BF110118.D

Acq: 24 Oct 2018 16:42

Instrument :

BNA_F

ClientSampleId :

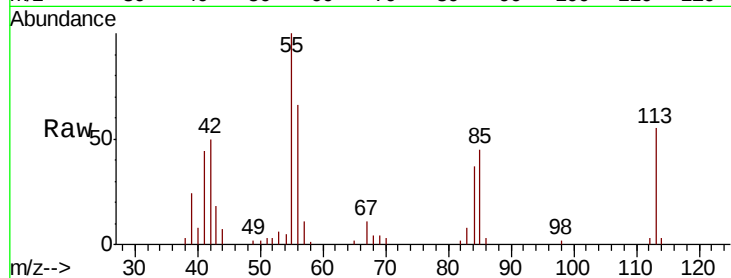
Tot Ion:113 Resp: 18483

Ion Ratio Lower Upper

113 100

55 183.0 142.8 182.8#

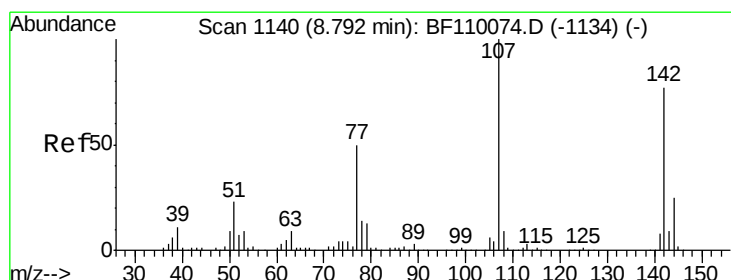
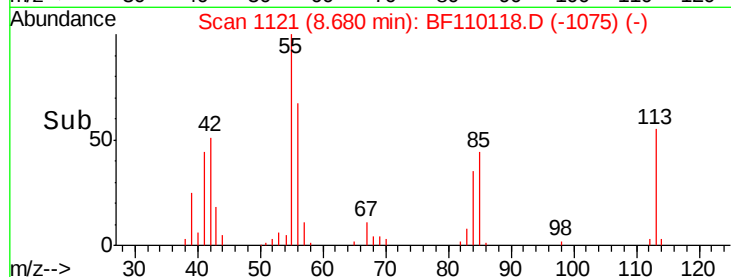
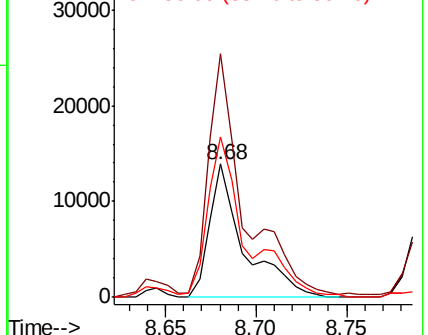
56 120.8 105.0 145.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 36.085 ng

RT: 8.79 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BF110118.D

Acq: 24 Oct 2018 16:42

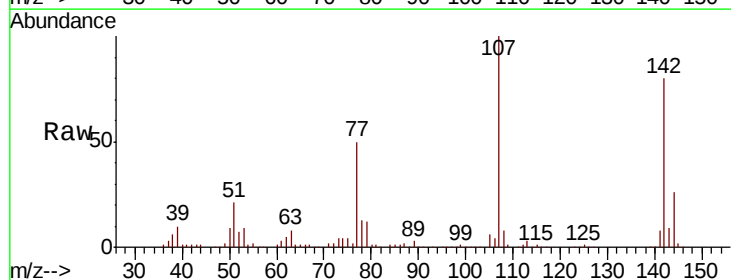
Tgt Ion:107 Resp: 323729

Ion Ratio Lower Upper

107 100

144 26.1 20.0 30.0

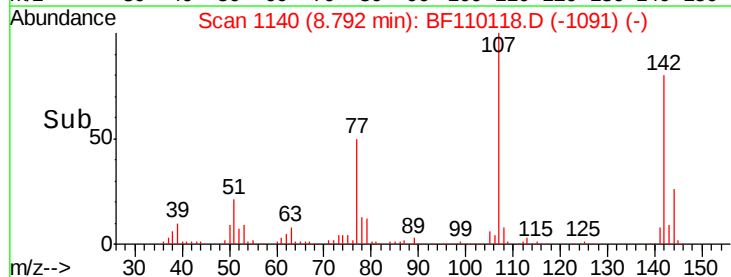
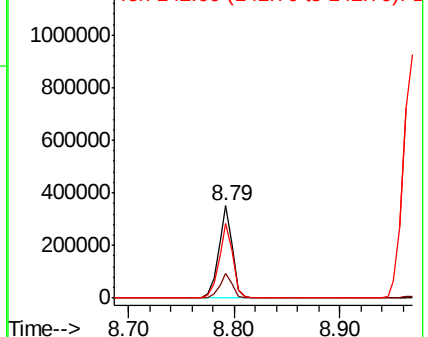
142 80.2 59.7 89.5

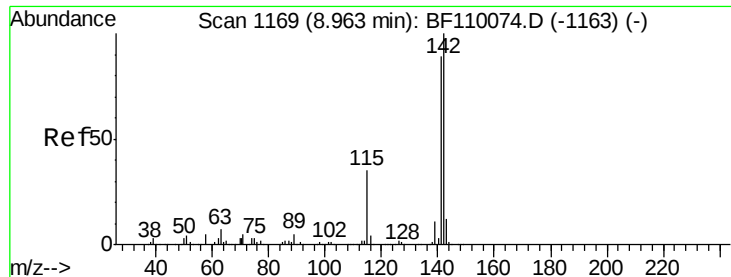


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

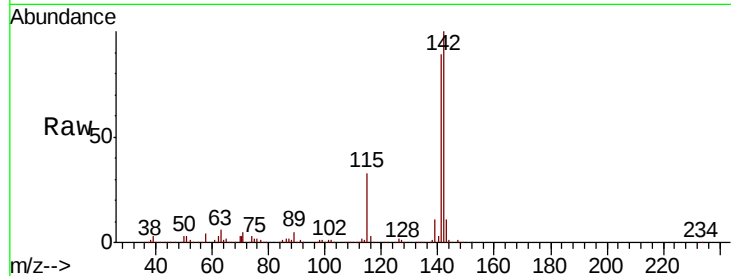




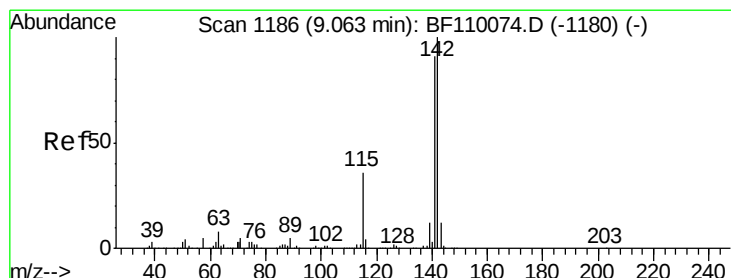
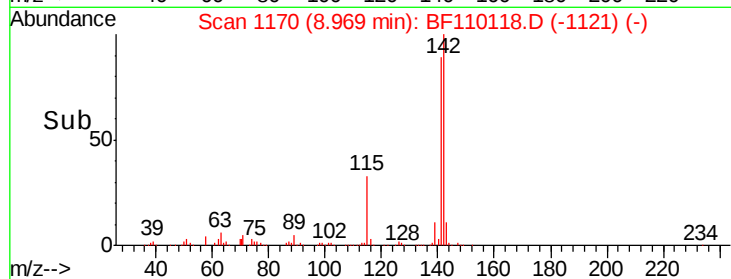
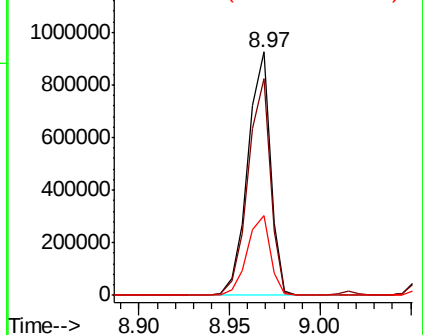
#37
2-Methylnaphthalene
Concen: 44.145 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF110118.D
Acq: 24 Oct 2018 16:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 804956
Ion Ratio Lower Upper
142 100
141 89.1 71.4 107.2
115 32.6 28.7 43.1

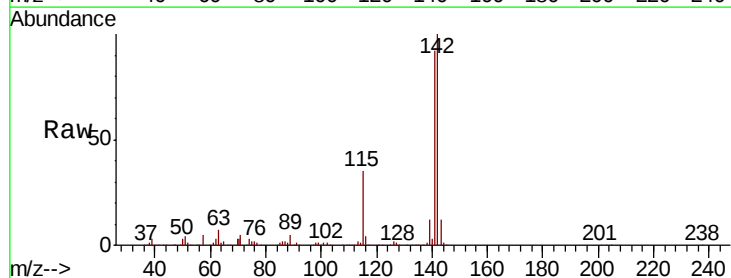


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

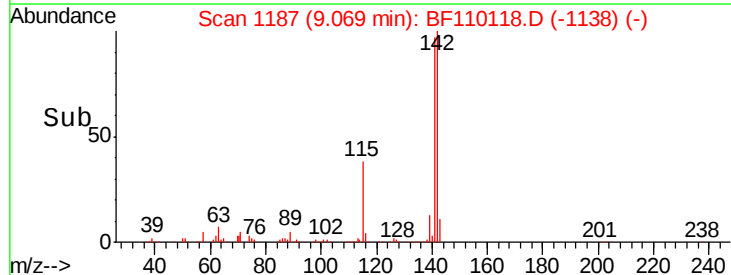
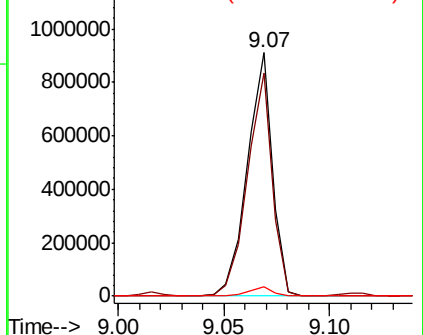


#38
1-Methylnaphthalene
Concen: 42.618 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF110118.D
Acq: 24 Oct 2018 16:42

Tgt Ion:142 Resp: 750985
Ion Ratio Lower Upper
142 100
141 91.6 74.2 111.4
116 3.6 2.6 4.0



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF110118.D

Acq: 24 Oct 2018 16:42

Instrument :

BNA_F

ClientSampleId :

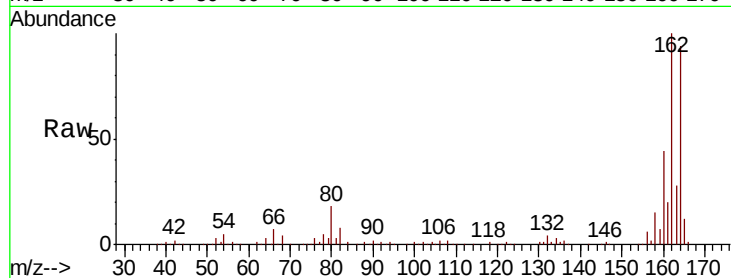
Tot Ion:164 Resp: 239350

Ion Ratio Lower Upper

164 100

162 106.7 83.0 124.6

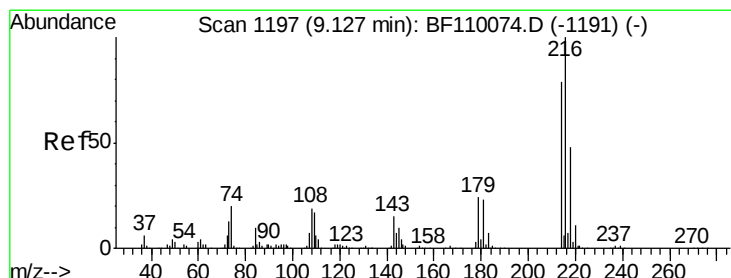
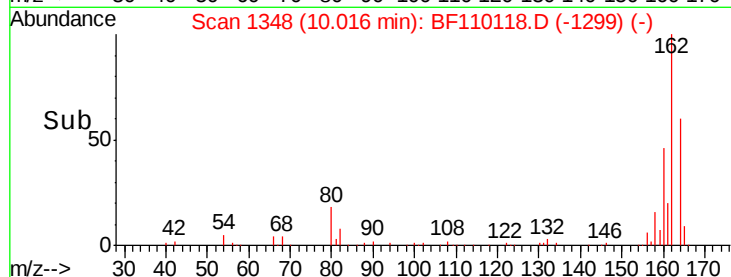
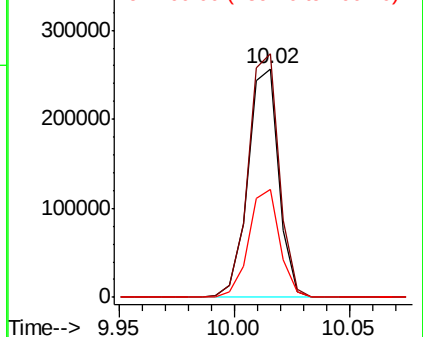
160 47.3 37.0 55.6



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: 45.774 ng

RT: 9.13 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BF110118.D

Acq: 24 Oct 2018 16:42

Tgt Ion:216 Resp: 341363

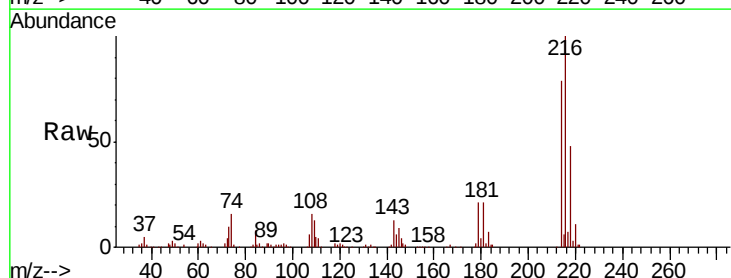
Ion Ratio Lower Upper

216 100

214 79.2 63.8 95.6

179 22.2 16.6 25.0

108 18.9 15.1 22.7

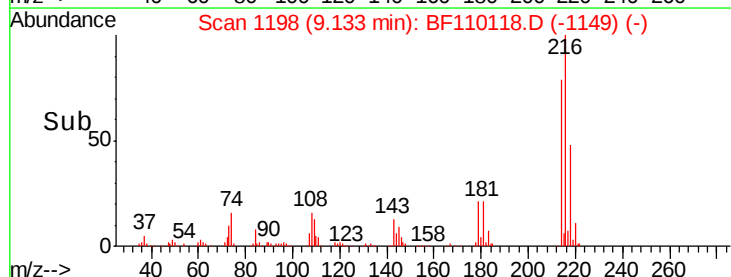
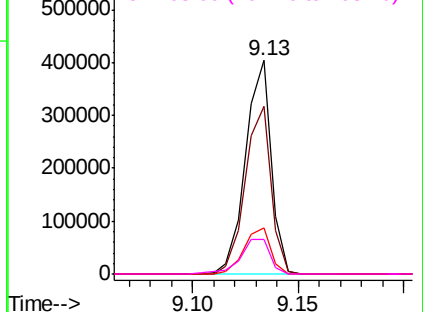


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 22.528 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF110118.D

Acq: 24 Oct 2018 16:42

Instrument :

BNA_F

ClientSampleId :

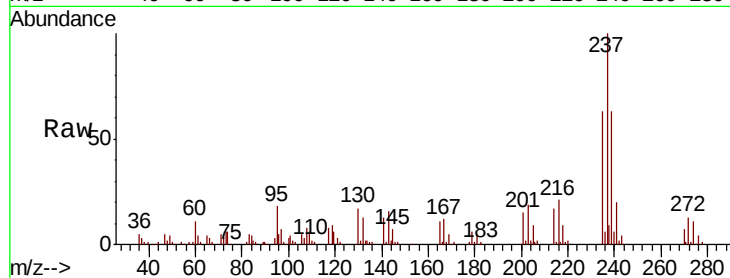
Tot Ion:237 Resp: 85908

Ion Ratio Lower Upper

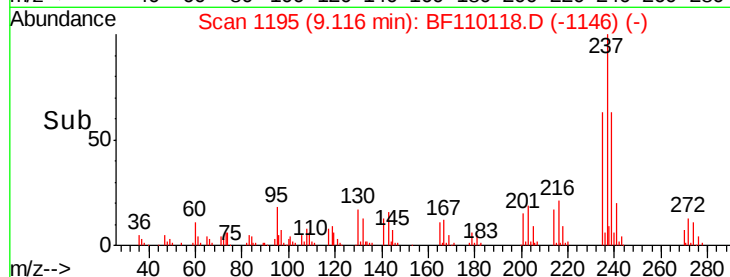
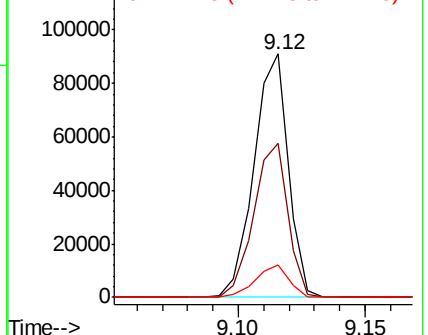
237 100

235 63.1 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: 92.673 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110118.D

Acq: 24 Oct 2018 16:42

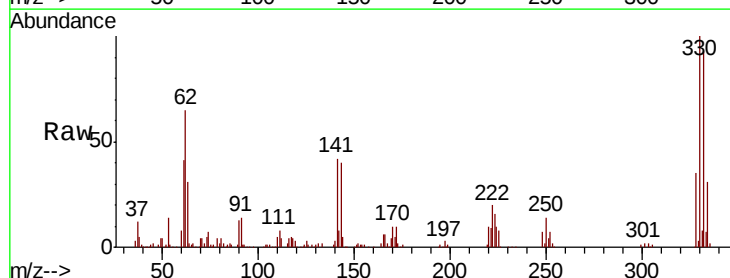
Tgt Ion:330 Resp: 219721

Ion Ratio Lower Upper

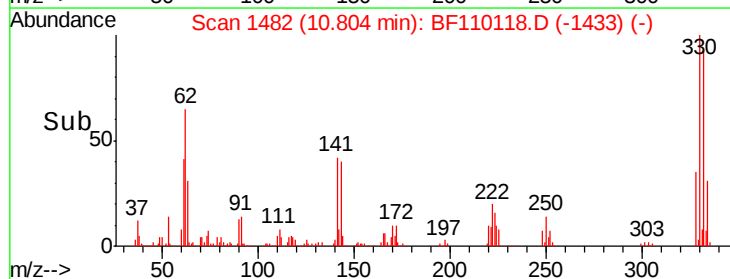
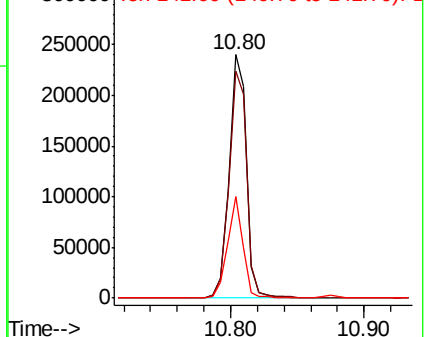
330 100

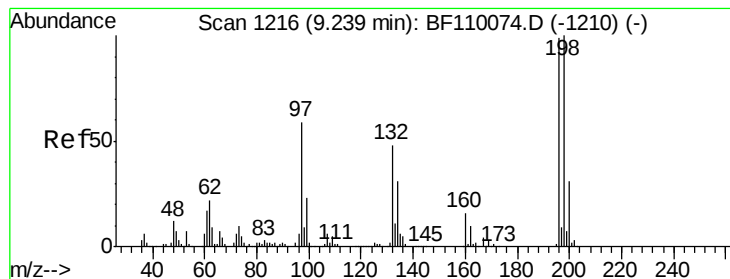
332 95.7 77.1 115.7

141 37.5 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: 44.550 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF110118.D

Acq: 24 Oct 2018 16:42

Instrument :

BNA_F

ClientSampleId :

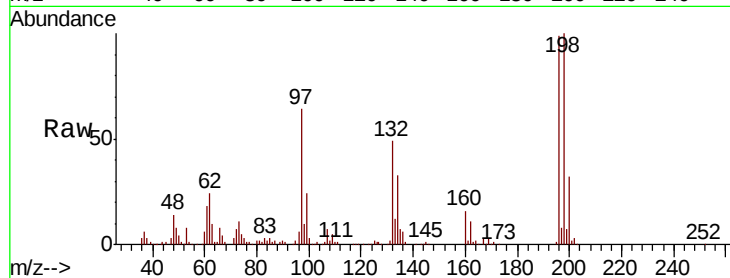
Tot Ion:196 Resp: 214290

Ion Ratio Lower Upper

196 100

198 100.6 76.2 114.4

200 31.8 24.4 36.6

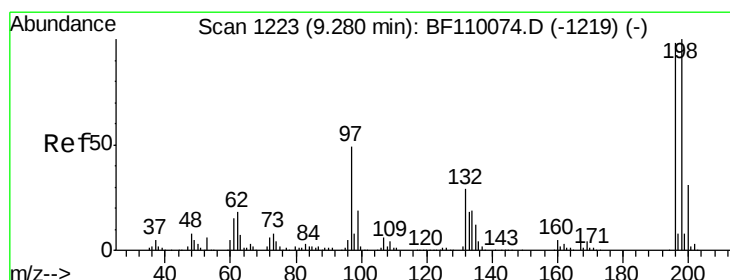
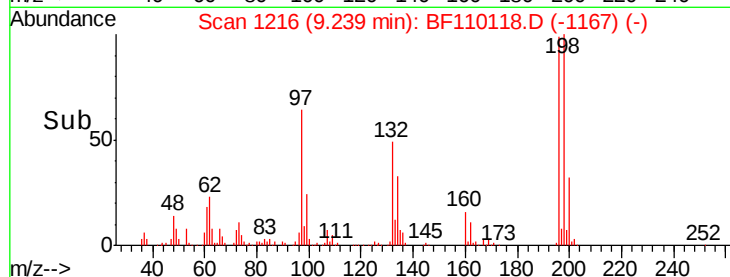
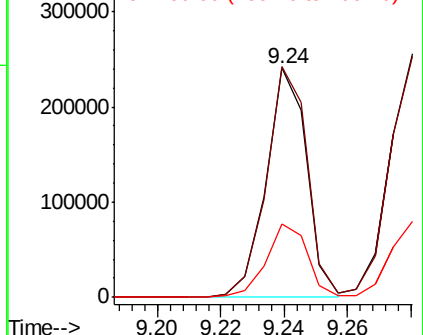


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 44.566 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BF110118.D

Acq: 24 Oct 2018 16:42

Tgt Ion:196 Resp: 226592

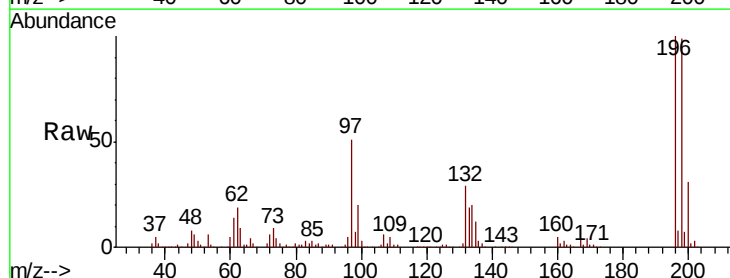
Ion Ratio Lower Upper

196 100

198 98.9 75.8 113.6

97 51.1 42.4 63.6

132 29.4 22.8 34.2



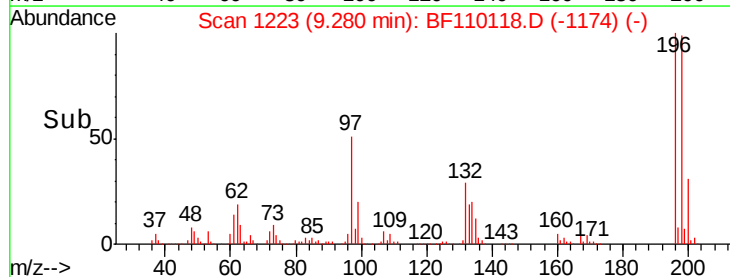
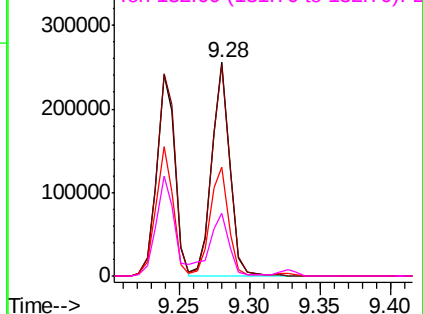
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

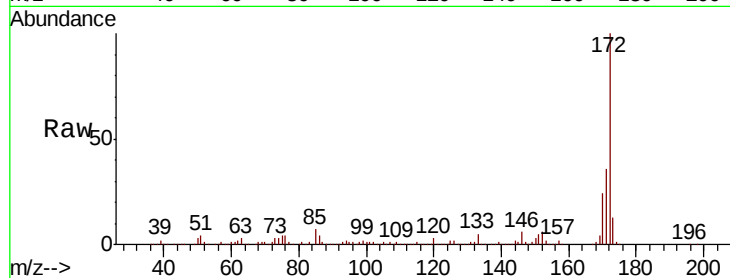




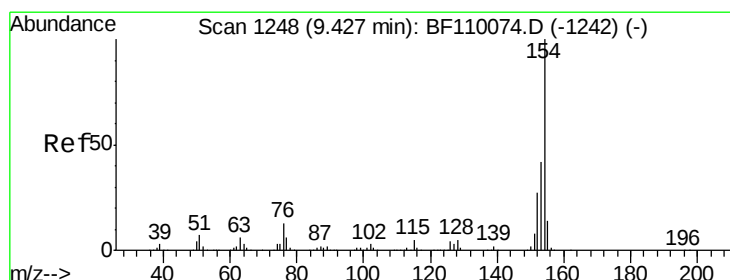
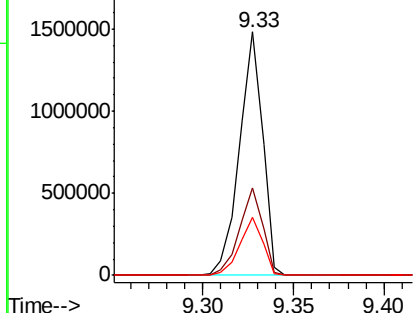
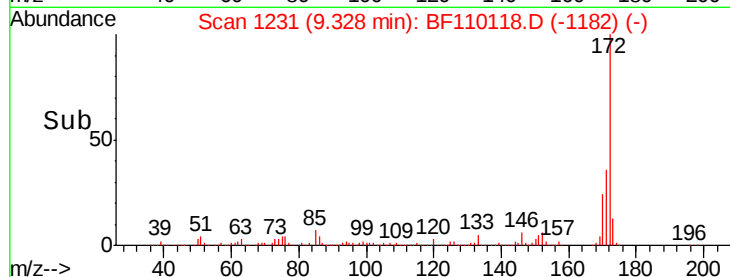
#45
2-Fluorobiphenyl
Concen: 86.282 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110118.D
Acq: 24 Oct 2018 16:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1315169
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 24.0 19.7 29.5

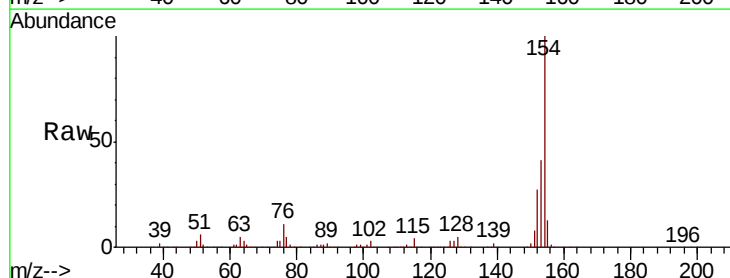


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

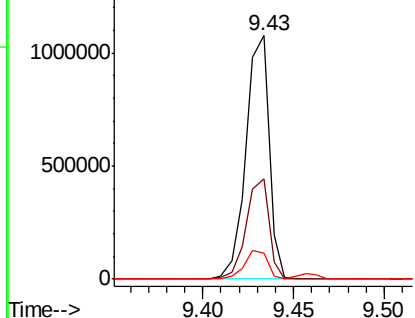
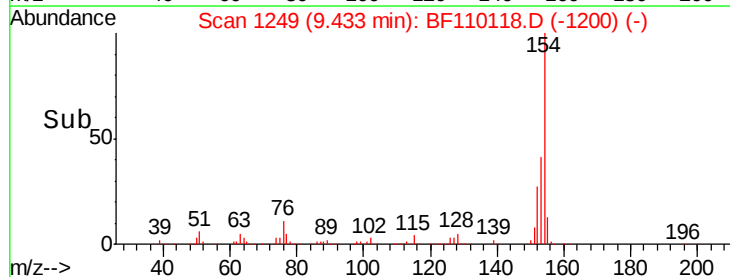


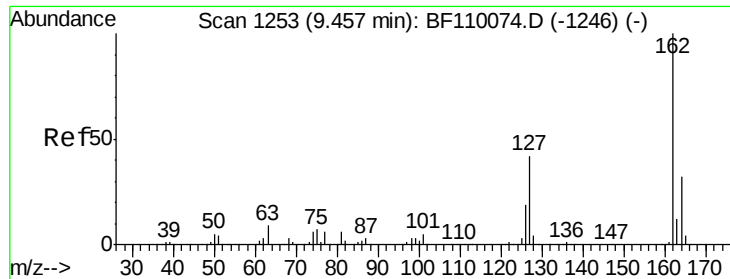
#46
1,1'-Biphenyl
Concen: 44.118 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF110118.D
Acq: 24 Oct 2018 16:42

Tgt Ion:154 Resp: 954897
Ion Ratio Lower Upper
154 100
153 41.1 20.4 60.4
76 10.5 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E
1500000 Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

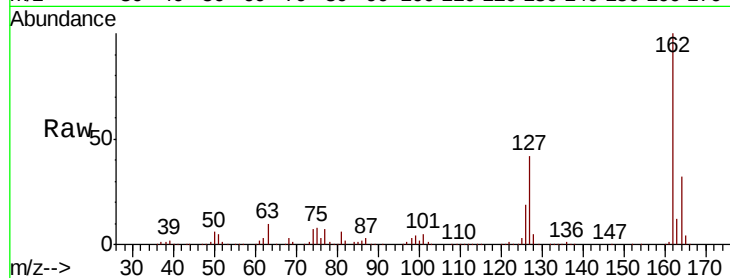




#47
 2-Chloronaphthalene
 Concen: 44.533 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF110118.D
 Acq: 24 Oct 2018 16:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.7	32.6	48.8
164	32.0	25.9	38.9

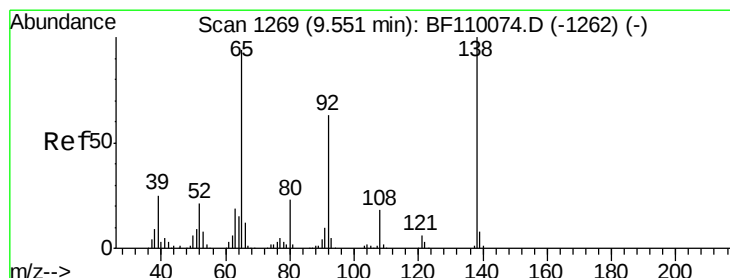
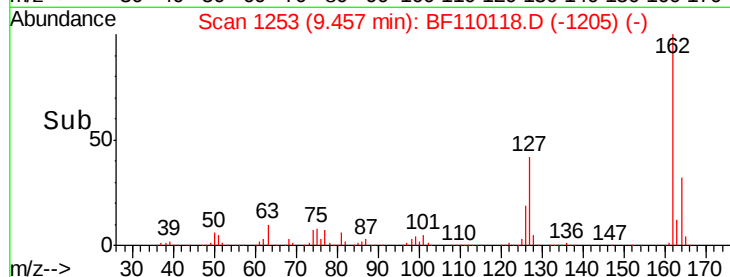
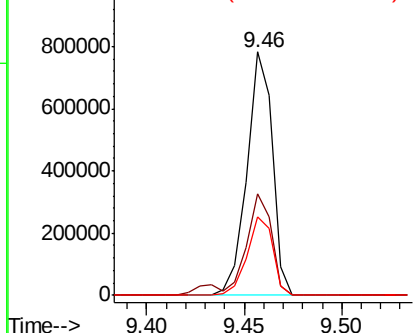


Abundance

Ion 162.00 (161.70 to 162.70): E

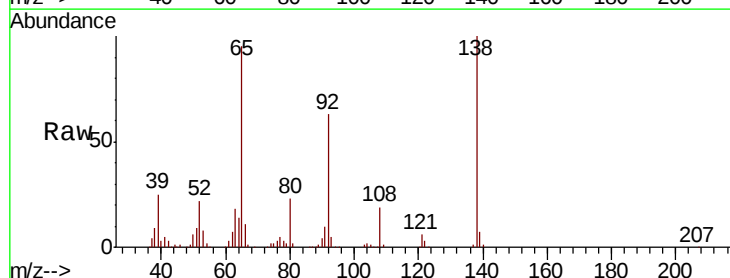
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 46.738 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BF110118.D
 Acq: 24 Oct 2018 16:42

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.2	54.6	81.8
138	105.8	80.3	120.5

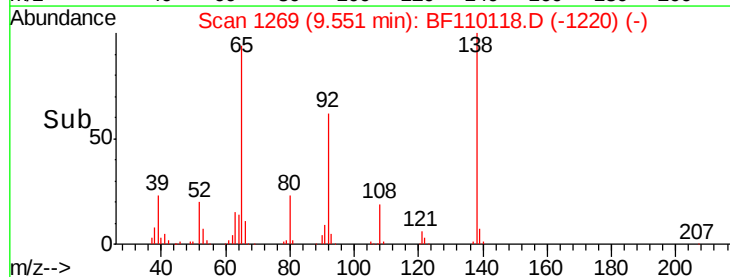
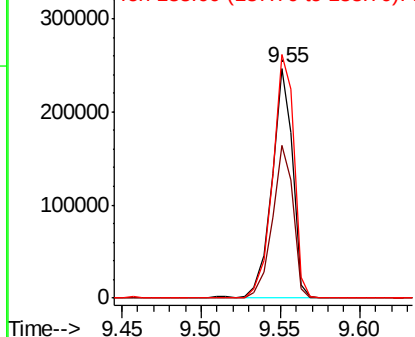


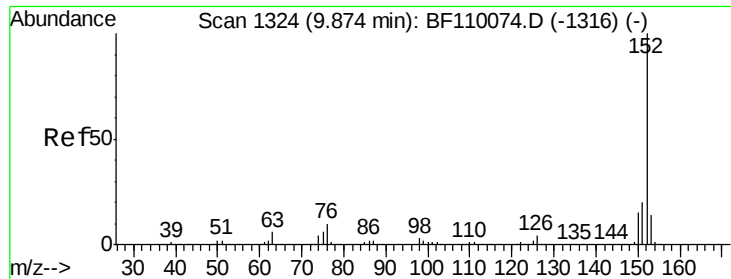
Abundance

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: 45.934 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BF110118.D

Acq: 24 Oct 2018 16:42

Instrument :

BNA_F

ClientSampleId :

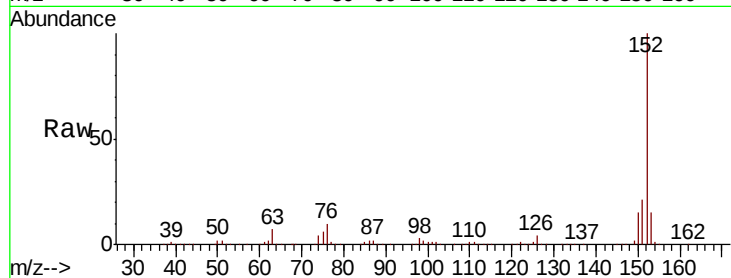
Tot Ion:152 Resp: 1053339

Ion Ratio Lower Upper

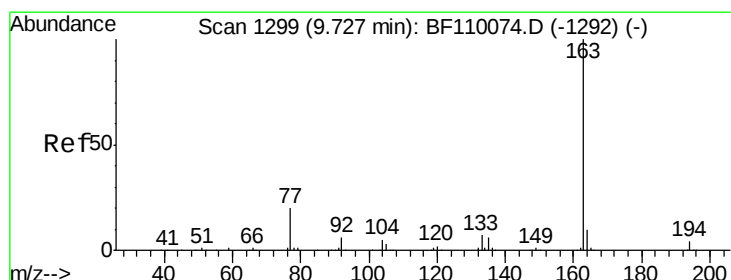
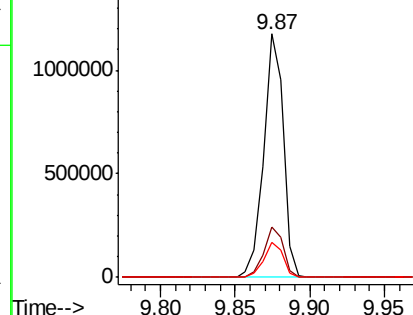
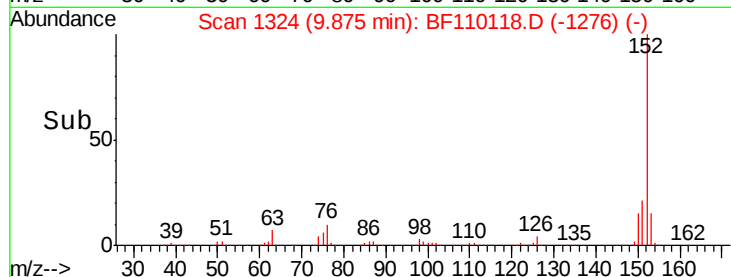
152 100

151 20.7 15.8 23.8

153 14.5 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 50.683 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF110118.D

Acq: 24 Oct 2018 16:42

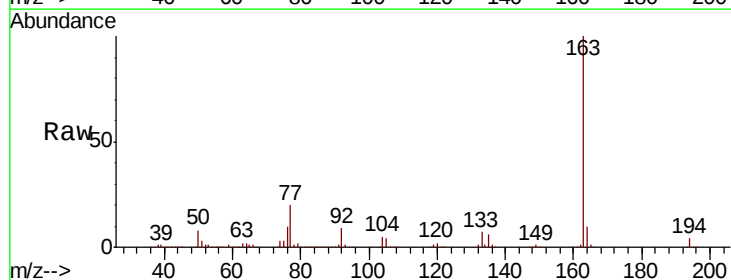
Tgt Ion:163 Resp: 895473

Ion Ratio Lower Upper

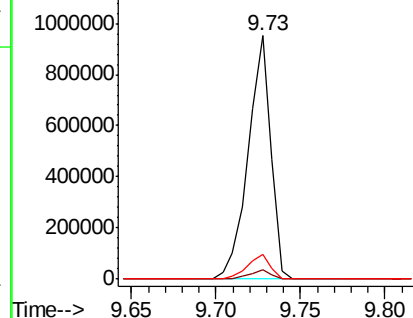
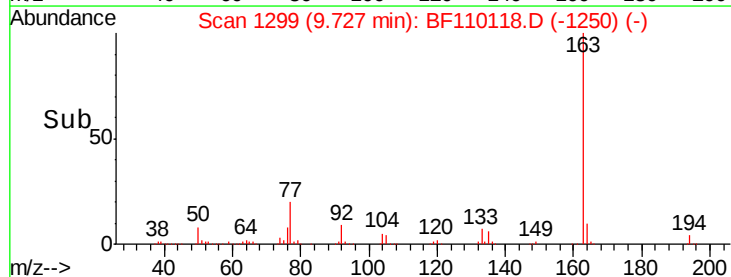
163 100

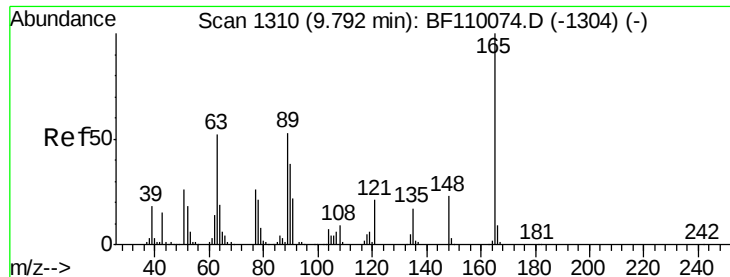
194 3.7 3.2 4.8

164 10.3 8.1 12.1



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

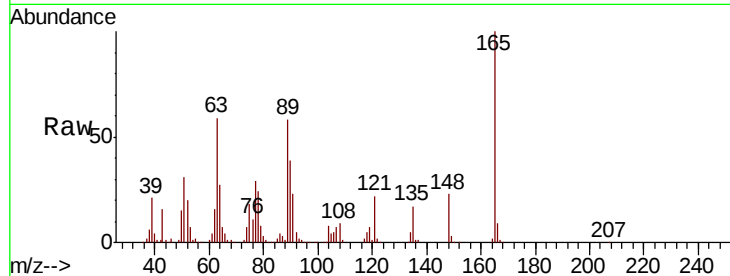




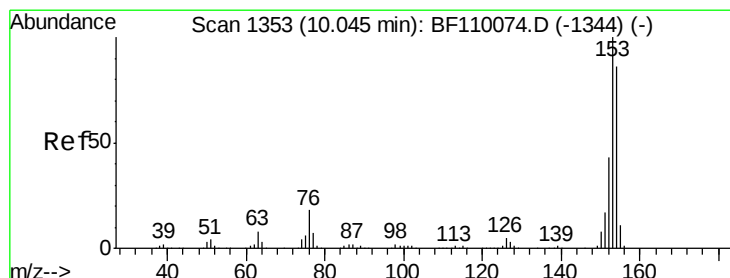
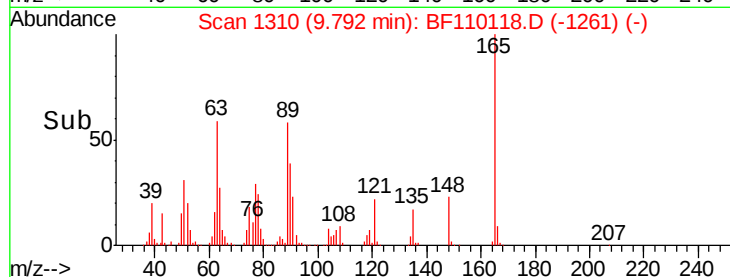
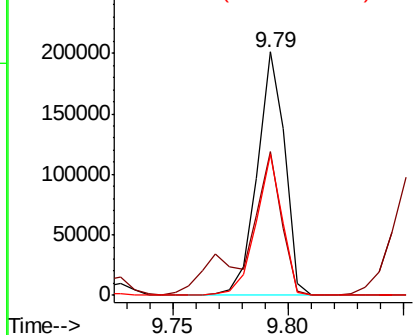
#51
2,6-Dinitrotoluene
Concen: 44.120 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF110118.D
Acq: 24 Oct 2018 16:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 167914
Ion Ratio Lower Upper
165 100
63 59.2 48.9 73.3
89 57.8 46.6 69.8

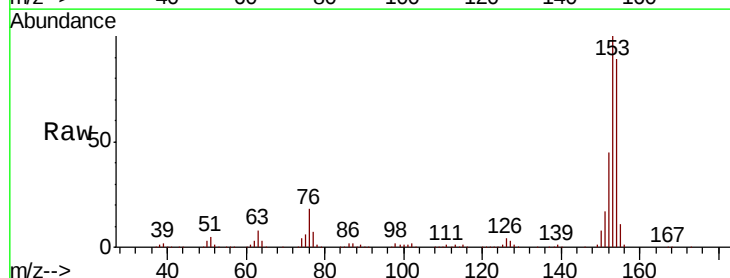


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

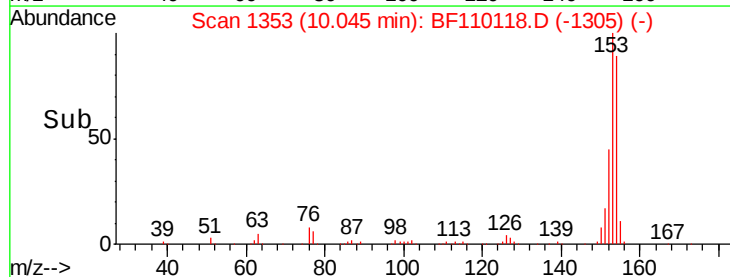
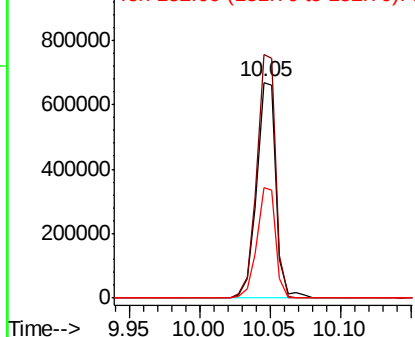


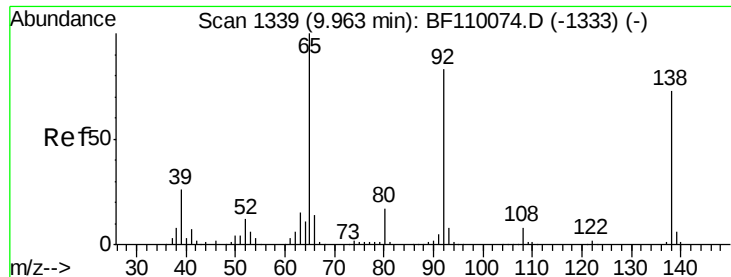
#52
Acenaphthene
Concen: 42.982 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.02 min
Lab File: BF110118.D
Acq: 24 Oct 2018 16:42

Tgt Ion:154 Resp: 652058
Ion Ratio Lower Upper
154 100
153 112.8 90.1 135.1
152 51.0 43.4 65.2



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

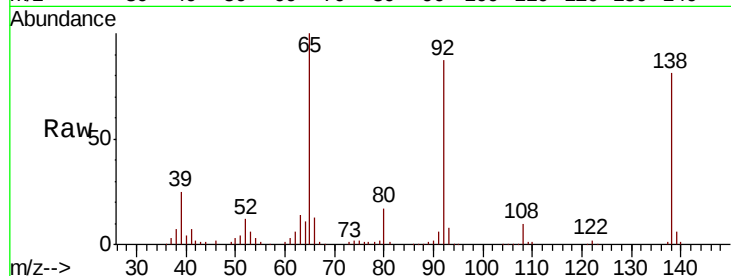




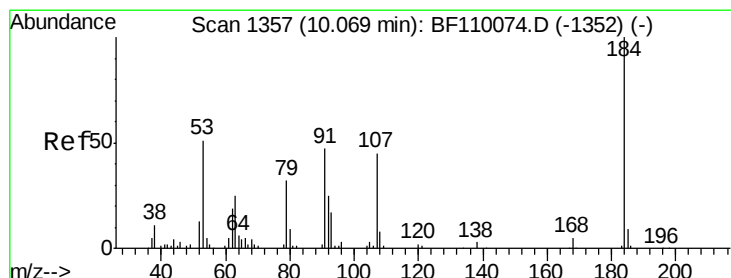
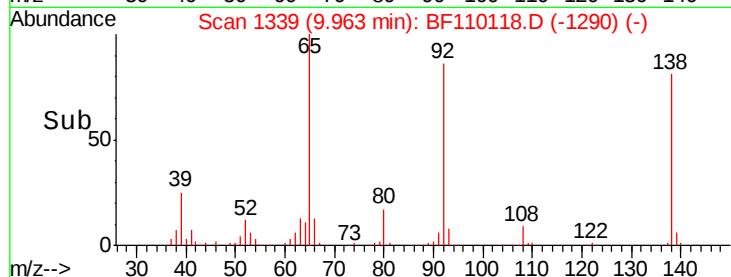
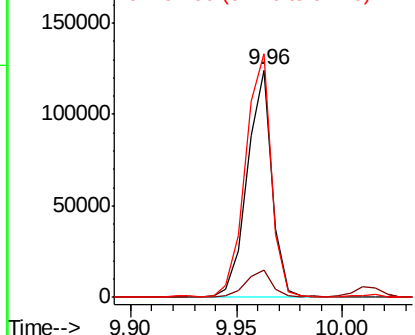
#53
3-Nitroaniline
Concen: 22.309 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF110118.D
Acq: 24 Oct 2018 16:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 100966
Ion Ratio Lower Upper
138 100
108 11.7 8.7 13.1
92 107.0 97.0 145.4

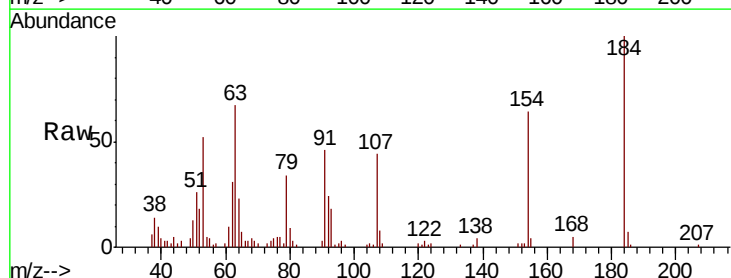


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

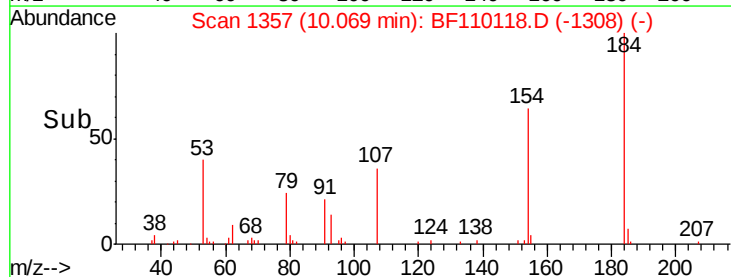
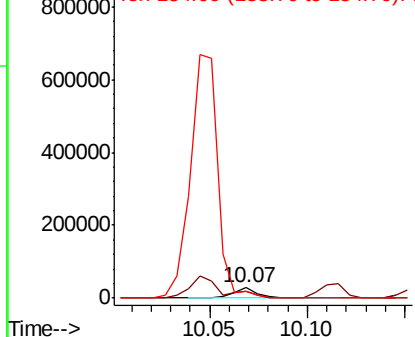


#54
2,4-Dinitrophenol
Concen: 19.515 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF110118.D
Acq: 24 Oct 2018 16:42

Tgt Ion:184 Resp: 23158
Ion Ratio Lower Upper
184 100
63 66.5 55.8 83.6
154 63.6 63.2 94.8



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





#55

Dibenzofuran

Concen: 43.082 ng

RT: 10.22 min Scan# 1383

Delta R.T. -0.01 min

Lab File: BF110118.D

Acq: 24 Oct 2018 16:42

Instrument :

BNA_F

ClientSampled :

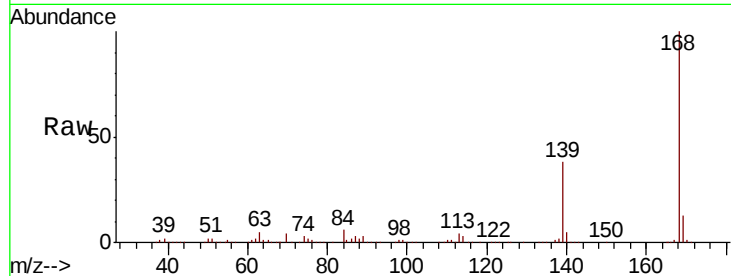
Tot Ion:168 Resp: 915056

Ion Ratio Lower Upper

168 100

139 37.7 33.0 49.6

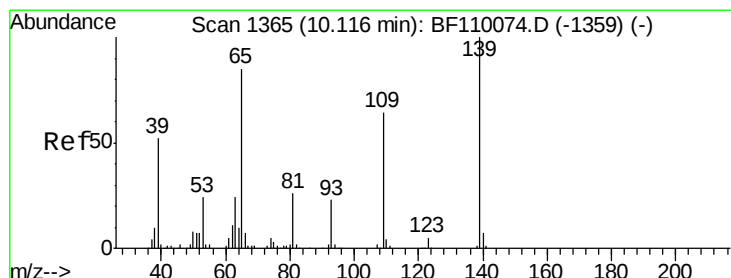
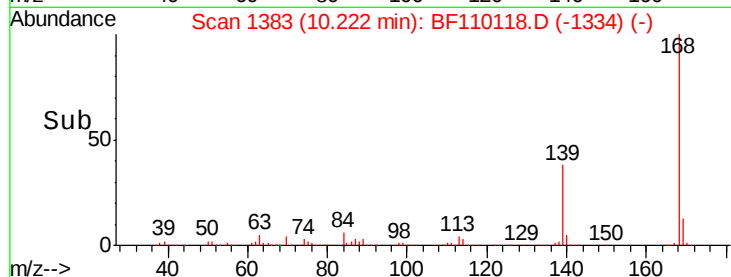
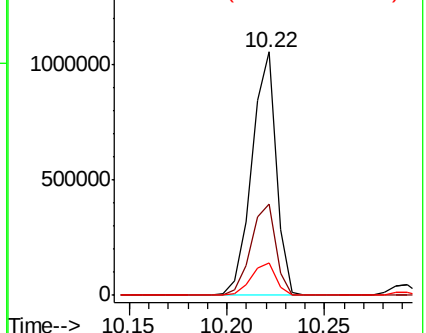
169 13.3 11.3 16.9



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: 40.558 ng

RT: 10.12 min Scan# 1365

Delta R.T. -0.01 min

Lab File: BF110118.D

Acq: 24 Oct 2018 16:42

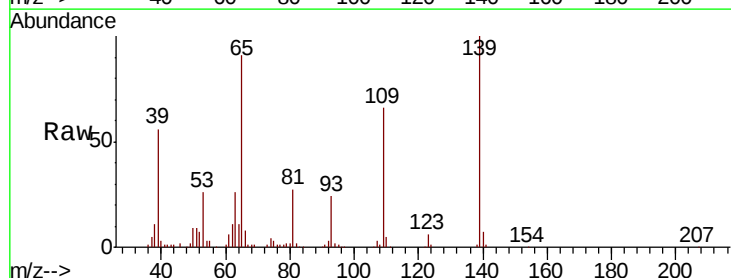
Tgt Ion:139 Resp: 135854

Ion Ratio Lower Upper

139 100

109 65.5 55.8 95.8

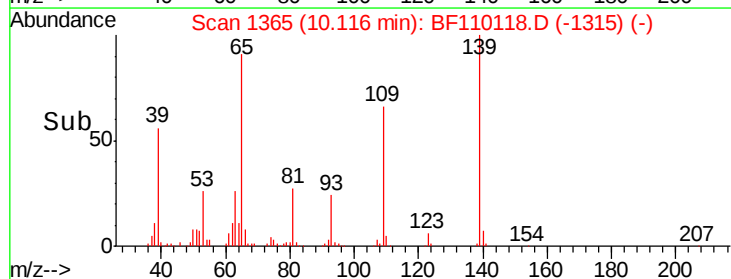
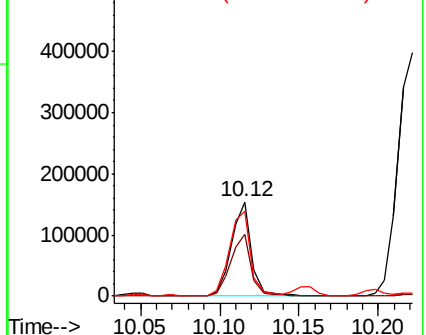
65 91.1 77.9 117.9

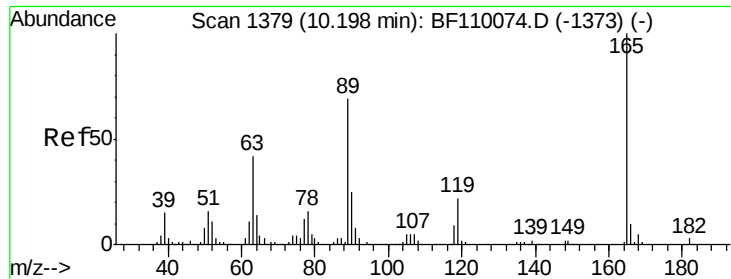


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

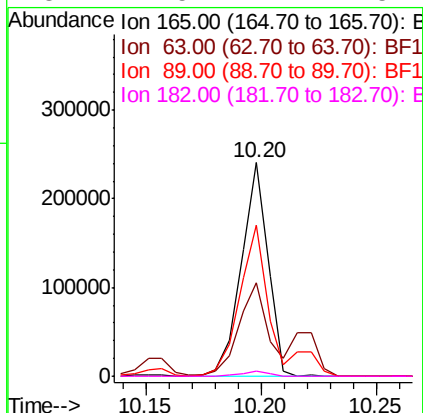
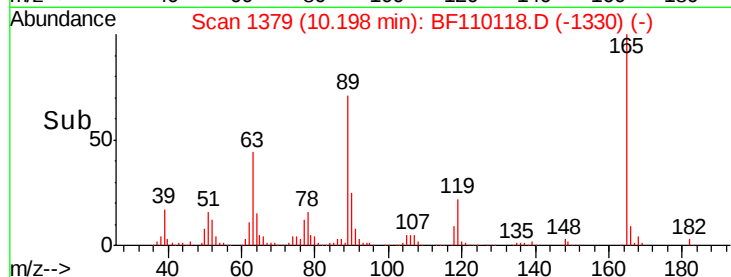
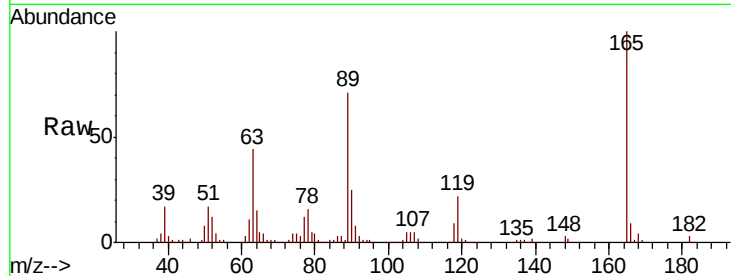




#57
2,4-Dinitrotoluene
Concen: 40.373 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF110118.D
Acq: 24 Oct 2018 16:42

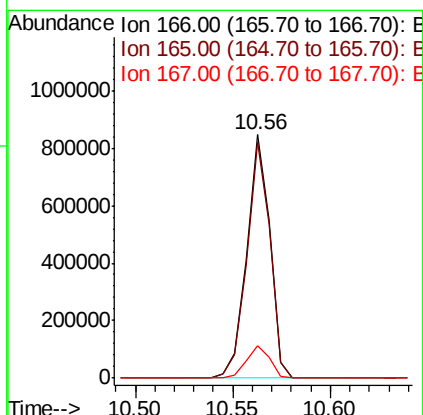
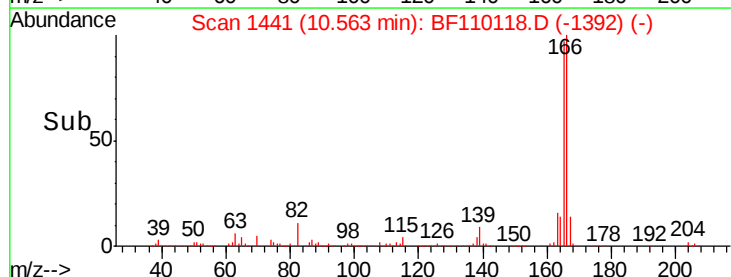
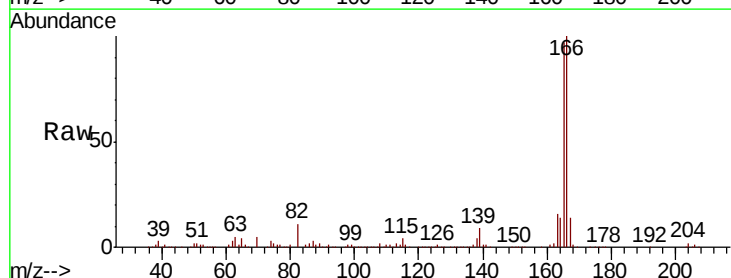
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.8	44.8	67.2#
89	70.7	62.2	93.4
182	2.5	2.1	3.1



#58
Fluorene
Concen: 43.737 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF110118.D
Acq: 24 Oct 2018 16:42

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.0	78.6	117.8
167	13.5	10.8	16.2

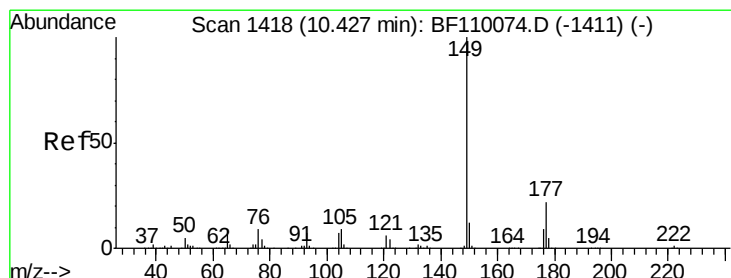
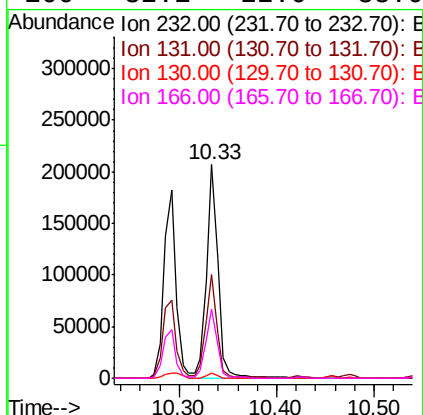
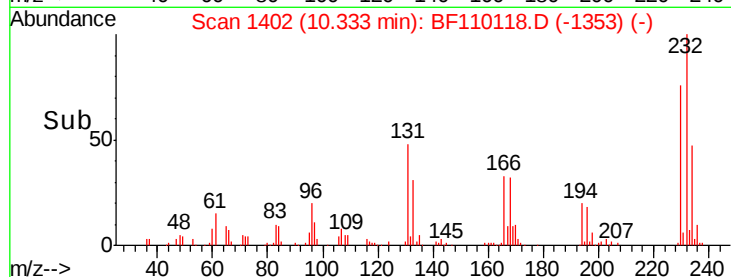
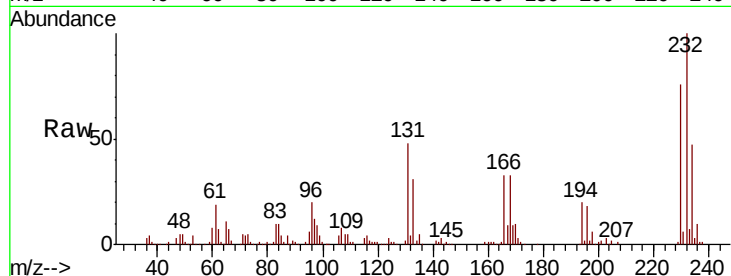




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.533 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF110118.D
 Acq: 24 Oct 2018 16:42

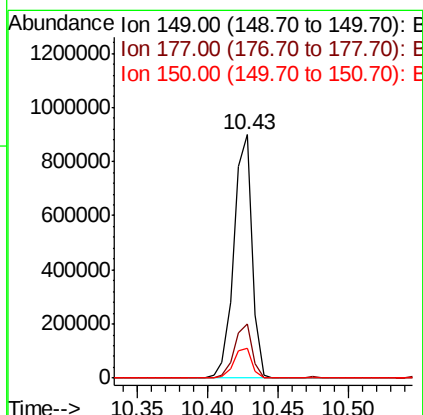
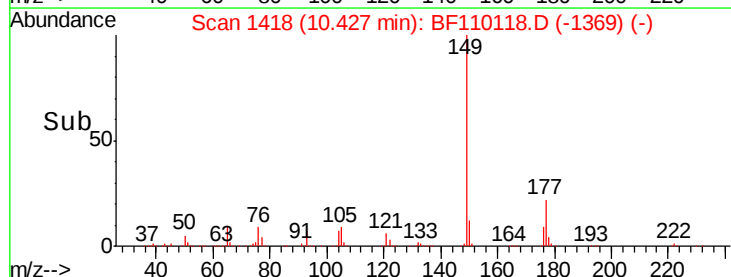
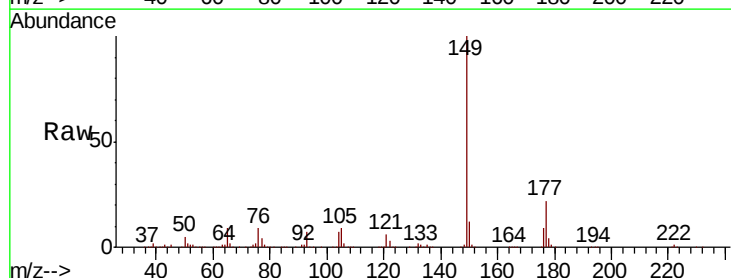
Instrument :
 BNA_F
 ClientSampleId :

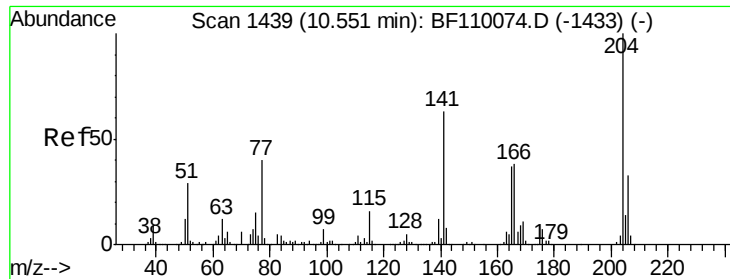
Tot Ion:	232	Resp:	172126
Ion	Ratio	Lower	Upper
232	100		
131	45.8	37.0	55.4
130	2.2	1.8	2.6
166	32.1	22.0	33.0



#60
 Diethylphthalate
 Concen: 46.731 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.01 min
 Lab File: BF110118.D
 Acq: 24 Oct 2018 16:42

Tgt Ion:	149	Resp:	805970
Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.4	26.2
150	12.4	9.8	14.8

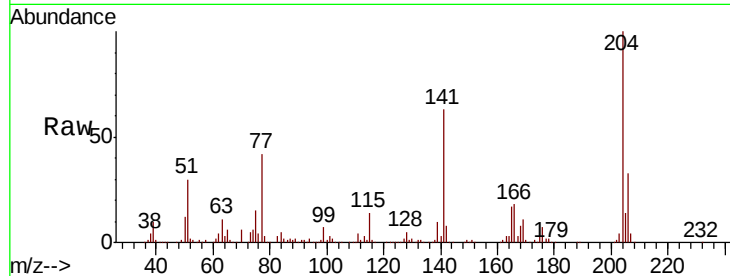




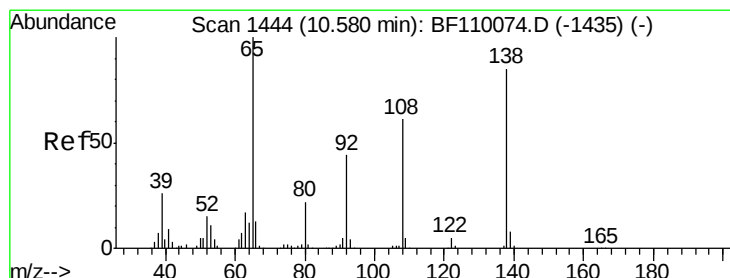
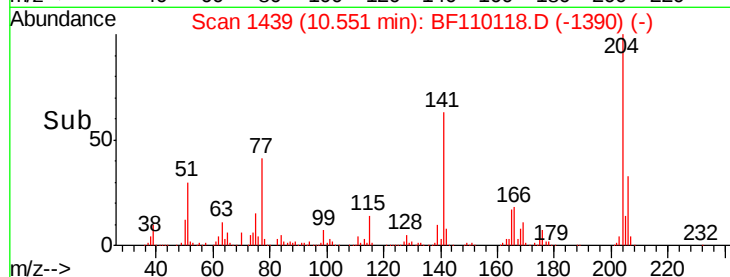
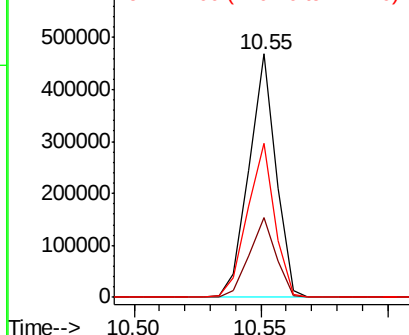
#61
4-Chlorophenyl-phenylether
Concen: 41.674 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF110118.D
Acq: 24 Oct 2018 16:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 347522
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 63.4 51.8 77.8

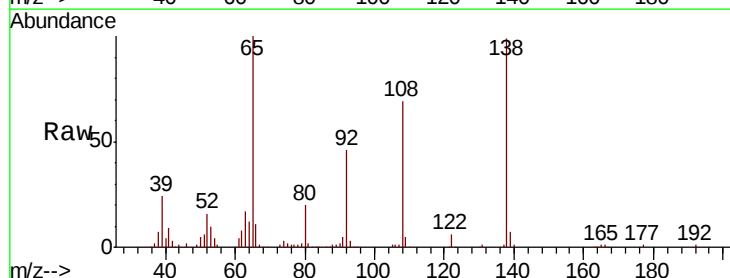


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

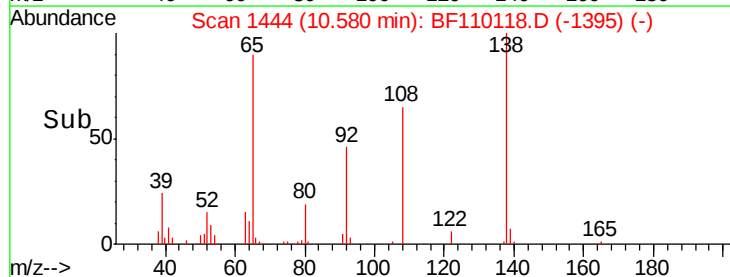
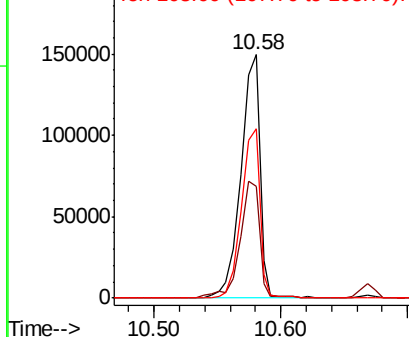


#62
4-Nitroaniline
Concen: 34.399 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF110118.D
Acq: 24 Oct 2018 16:42

Tgt Ion:138 Resp: 154843
Ion Ratio Lower Upper
138 100
92 46.0 31.7 71.7
108 69.7 59.3 99.3



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





#63

Azobenzene

Concen: 41.651 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.02 min

Lab File: BF110118.D

Acq: 24 Oct 2018 16:42

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 713052

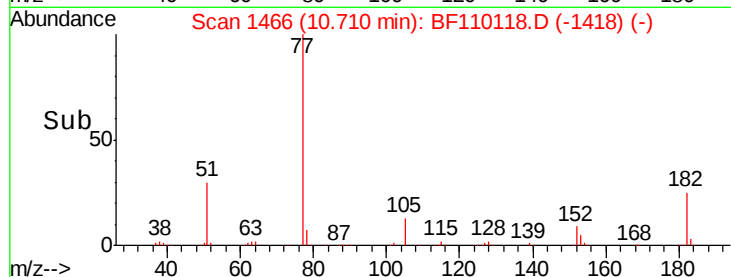
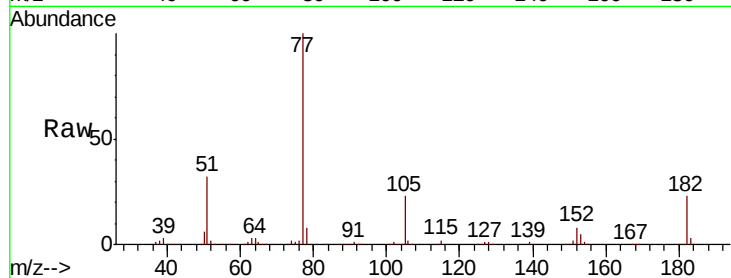
Ion Ratio Lower Upper

77 100

182 23.3 4.3 44.3

105 22.6 1.3 41.3

51 31.6 9.0 49.0

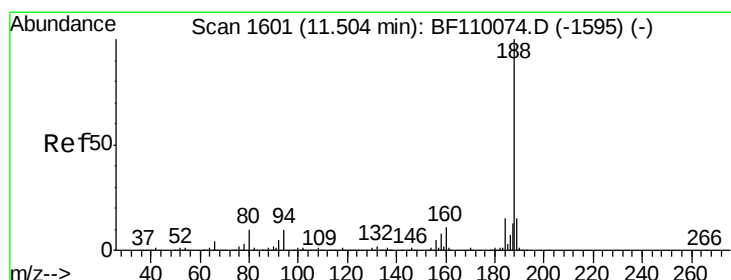
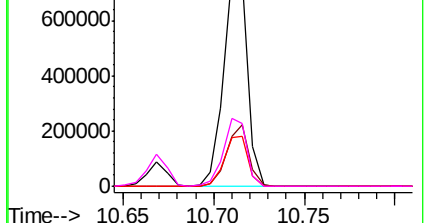


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BF110118.D

Acq: 24 Oct 2018 16:42

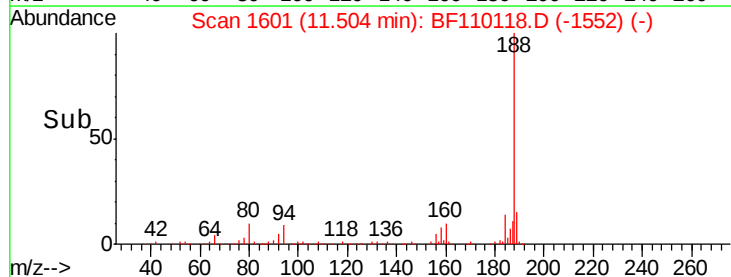
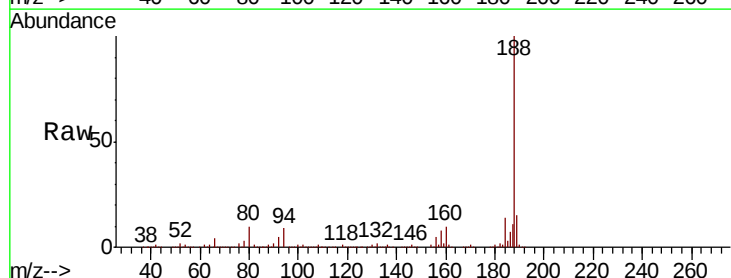
Tgt Ion: 188 Resp: 369524

Ion Ratio Lower Upper

188 100

94 9.3 7.2 10.8

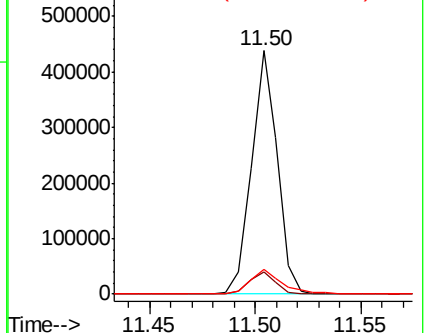
80 10.1 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

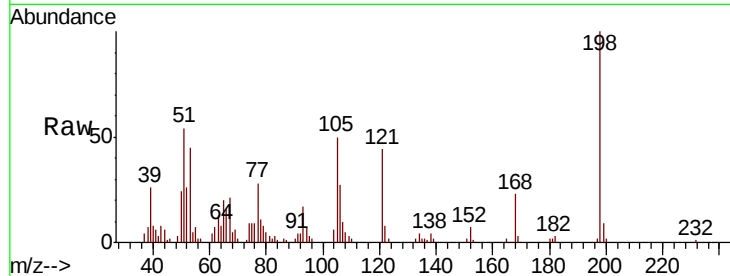




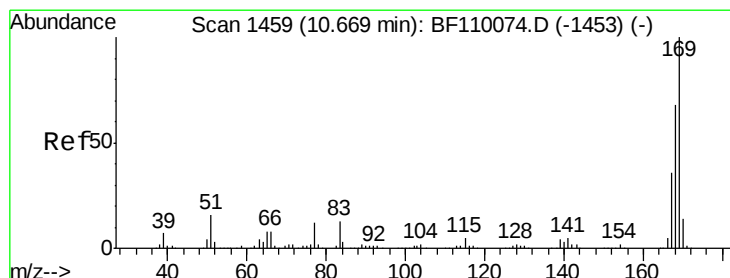
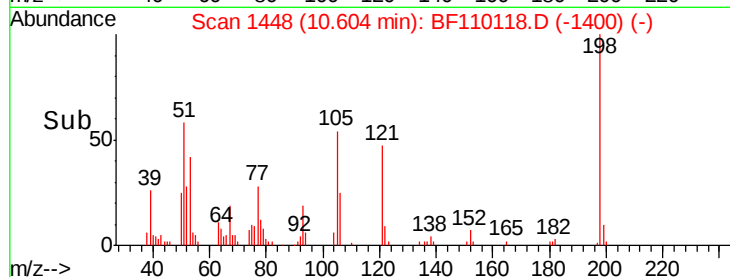
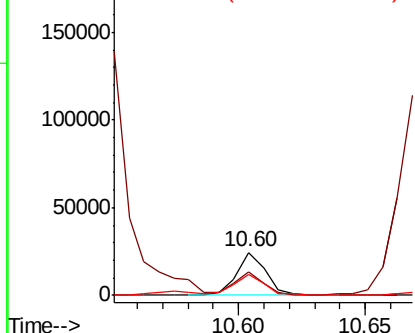
#65
4,6-Dinitro-2-methylphenol
Concen: 11.299 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.02 min
Lab File: BF110118.D
Acq: 24 Oct 2018 16:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 19076
Ion Ratio Lower Upper
198 100
51 53.8 22.8 62.8
105 50.3 23.6 63.6

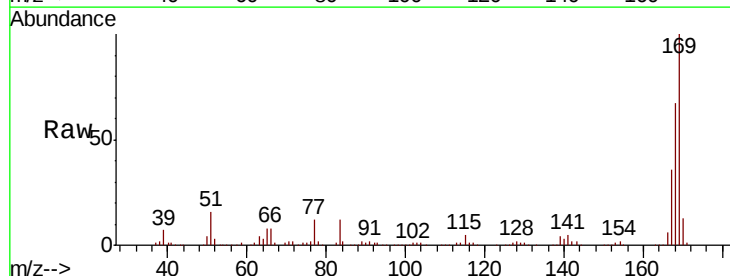


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

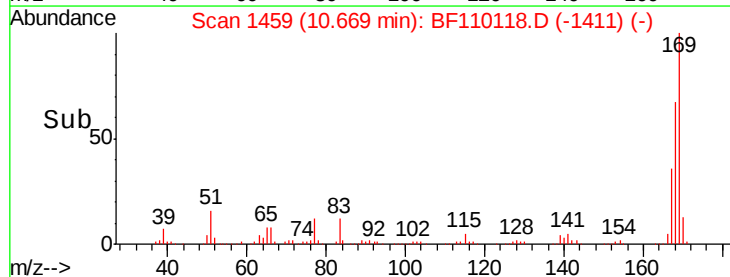
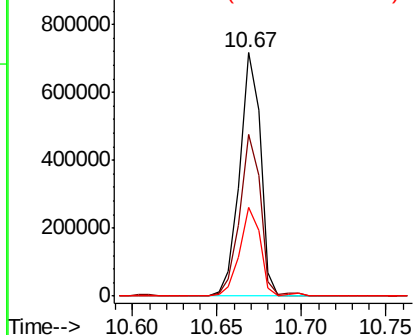


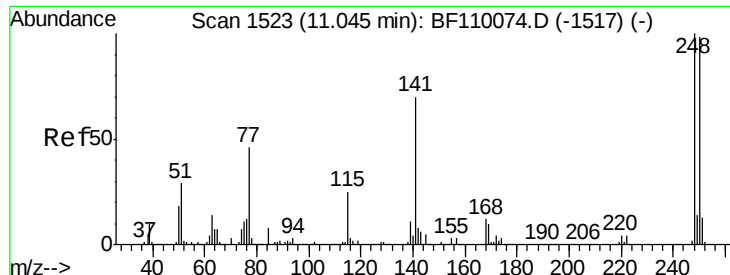
#66
n-Nitrosodiphenylamine
Concen: 50.860 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.02 min
Lab File: BF110118.D
Acq: 24 Oct 2018 16:42

Tgt Ion:169 Resp: 616446
Ion Ratio Lower Upper
169 100
168 66.6 51.2 76.8
167 36.4 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

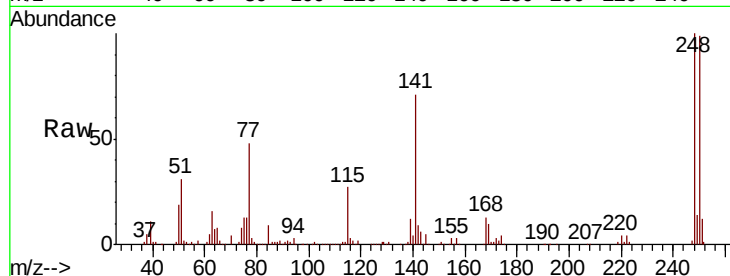




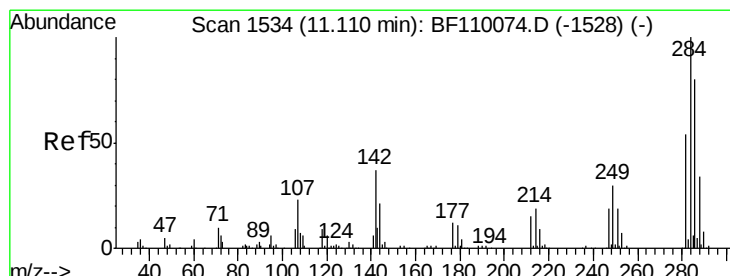
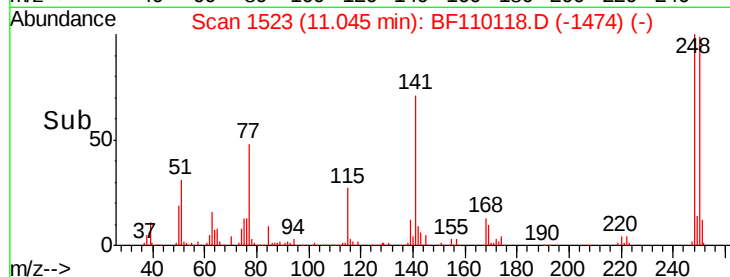
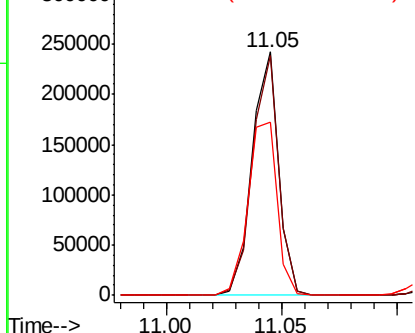
#67
4-Bromophenyl-phenylether
Concen: 48.409 ng
RT: 11.05 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BF110118.D
Acq: 24 Oct 2018 16:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 194038
Ion Ratio Lower Upper
248 100
250 98.7 79.4 119.2
141 71.0 55.9 83.9

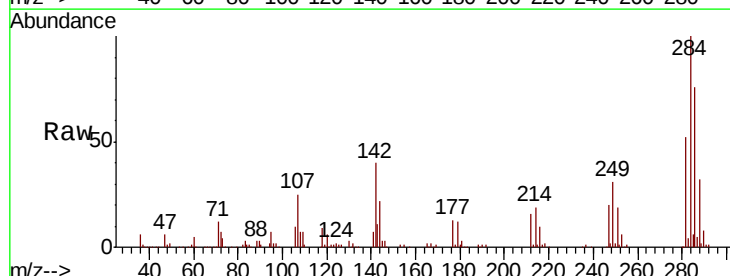


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

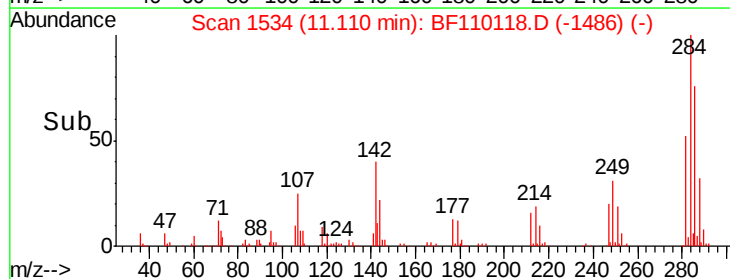
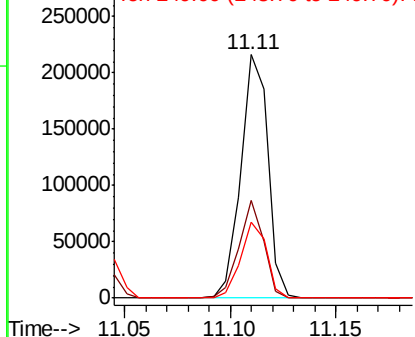


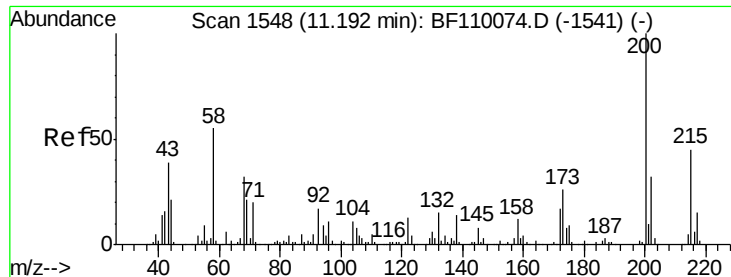
#68
Hexachlorobenzene
Concen: 44.863 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.02 min
Lab File: BF110118.D
Acq: 24 Oct 2018 16:42

Tgt Ion:284 Resp: 190795
Ion Ratio Lower Upper
284 100
142 40.2 23.9 35.9#
249 31.1 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

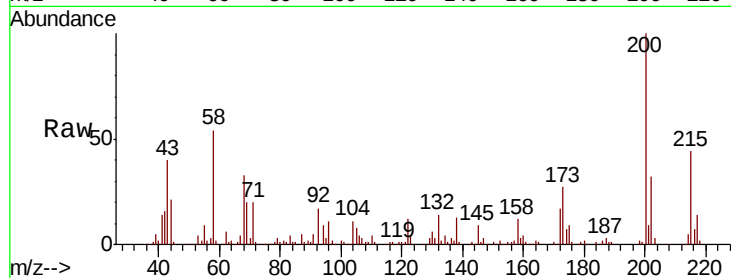




#69
Atrazine
Concen: 48.081 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF110118.D
Acq: 24 Oct 2018 16:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.6	6.6	46.6
215	44.0	26.3	66.3

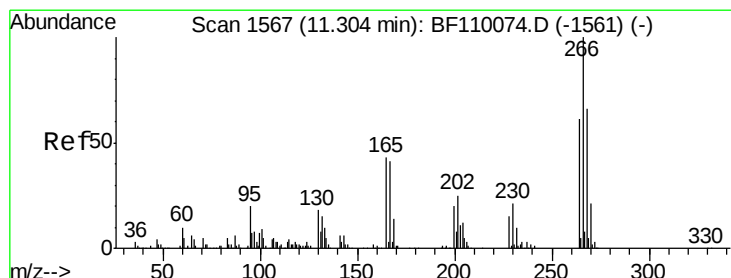
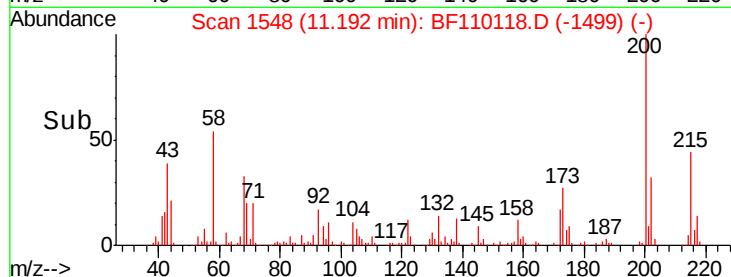
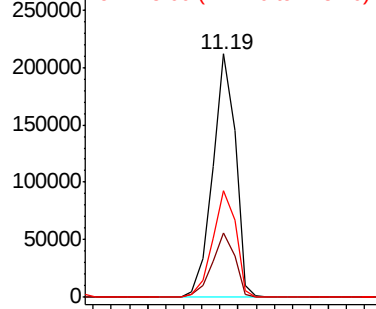


Abundance

Ion 200.00 (199.70 to 200.70): E

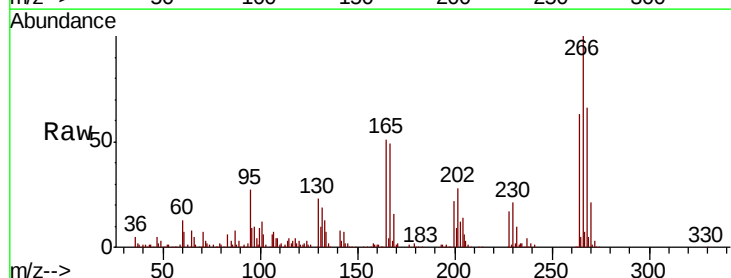
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 69.673 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF110118.D
Acq: 24 Oct 2018 16:42

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.8	50.6	75.8
264	63.0	50.6	75.8

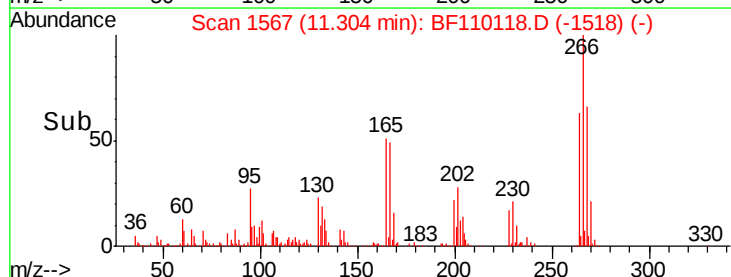
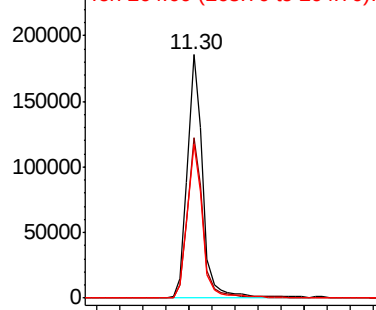


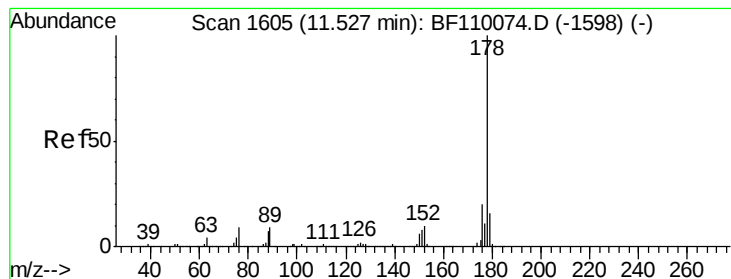
Abundance

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: 46.422 ng

RT: 11.53 min Scan# 1605

Delta R.T. -0.02 min

Lab File: BF110118.D

Acq: 24 Oct 2018 16:42

Instrument :

BNA_F

ClientSampleId :

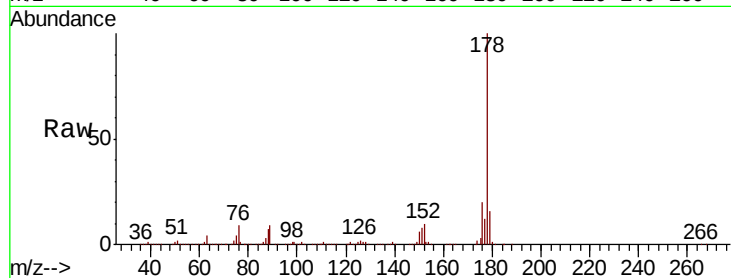
Tot Ion:178 Resp: 897572

Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

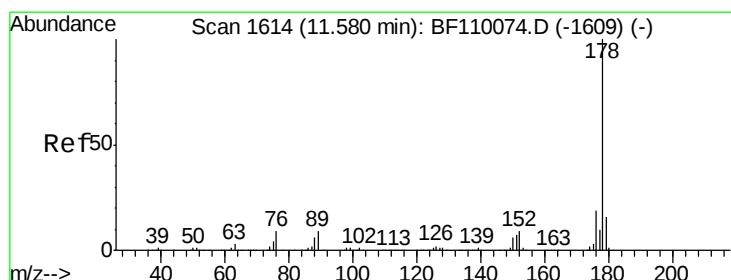
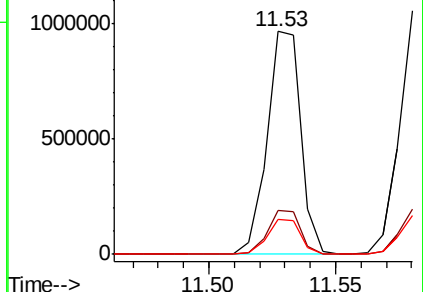
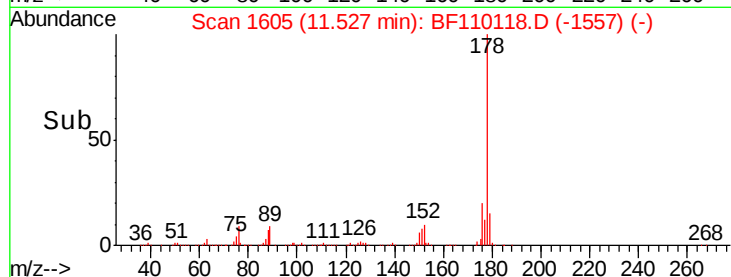
179 15.7 12.5 18.7



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: 47.628 ng

RT: 11.58 min Scan# 1614

Delta R.T. -0.02 min

Lab File: BF110118.D

Acq: 24 Oct 2018 16:42

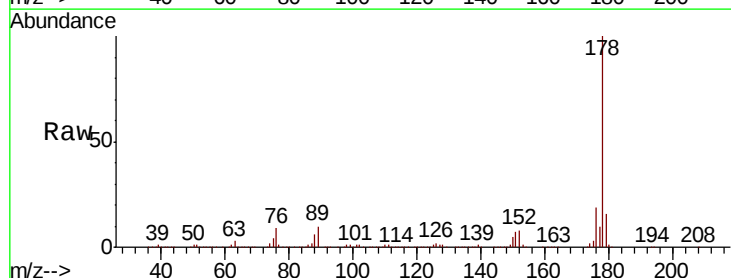
Tgt Ion:178 Resp: 923060

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.2

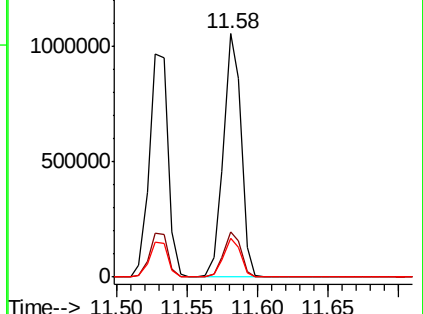
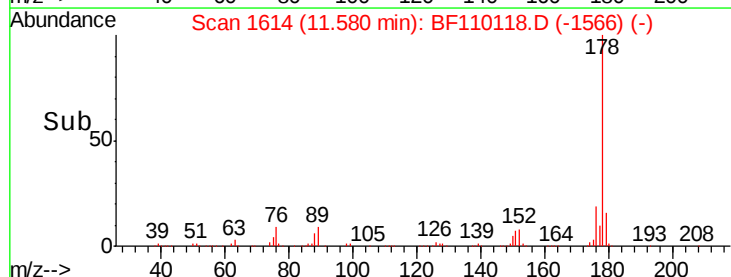
179 16.1 12.6 18.8

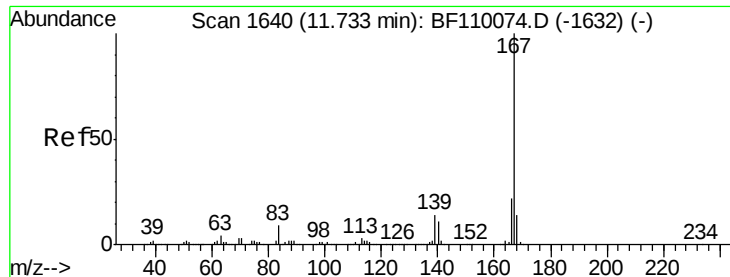


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

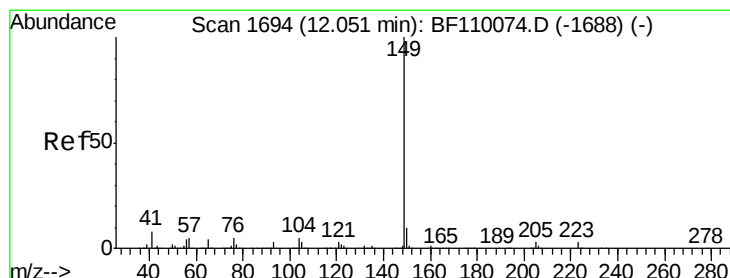
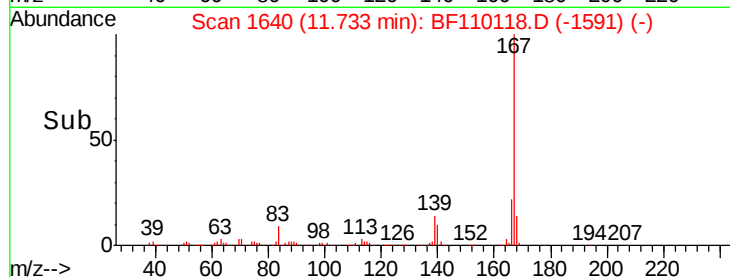
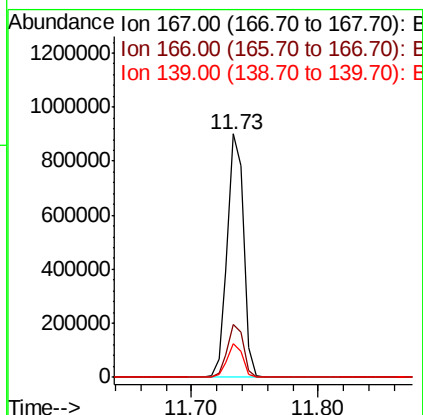
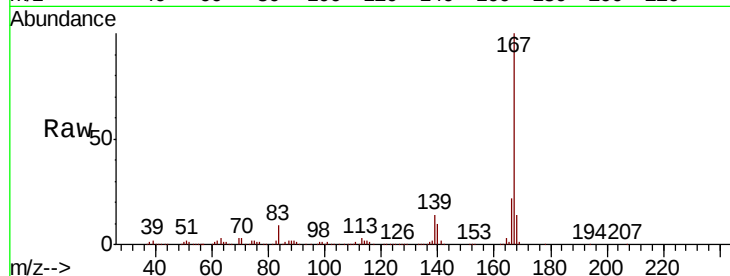




#73
 Carbazole
 Concen: 42.455 ng
 RT: 11.73 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BF110118.D
 Acq: 24 Oct 2018 16:42

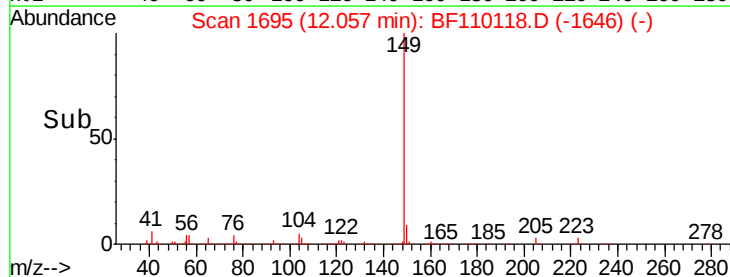
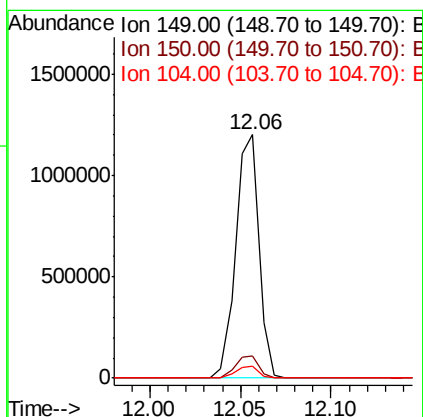
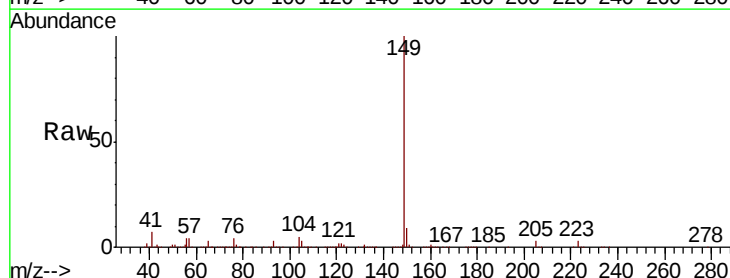
Instrument :
 BNA_F
 ClientSampleId :

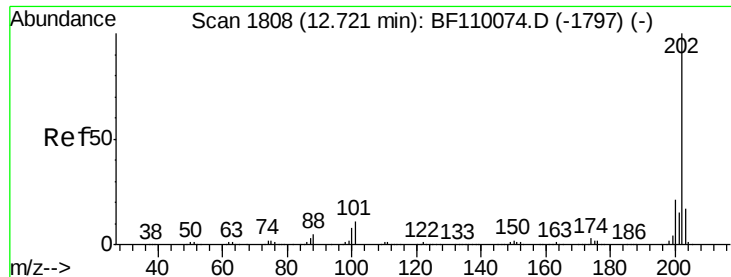
Tot Ion:167 Resp: 803362
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.0
 139 13.6 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 50.131 ng
 RT: 12.06 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BF110118.D
 Acq: 24 Oct 2018 16:42

Tgt Ion:149 Resp: 1071373
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.7 11.5
 104 4.7 4.2 6.4

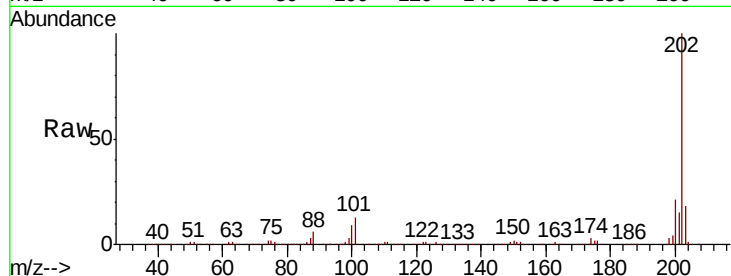




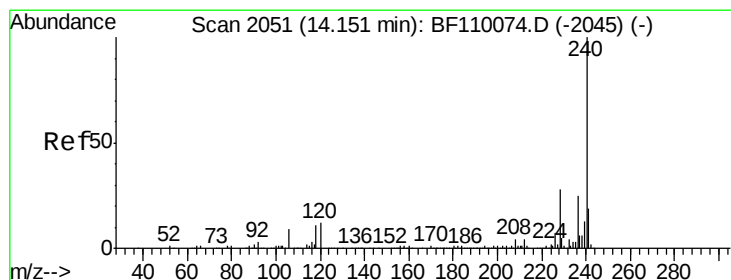
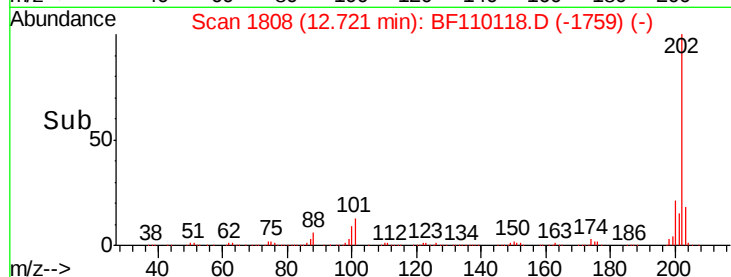
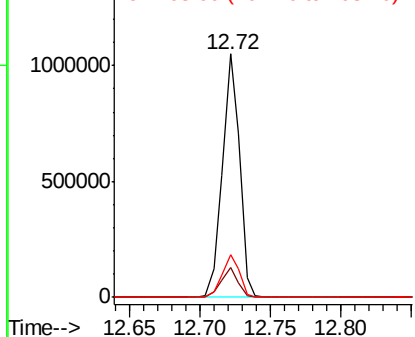
#75
 Fluoranthene
 Concen: 45.241 ng
 RT: 12.72 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: BF110118.D
 Acq: 24 Oct 2018 16:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	31.4
203	17.6	0.0	37.7

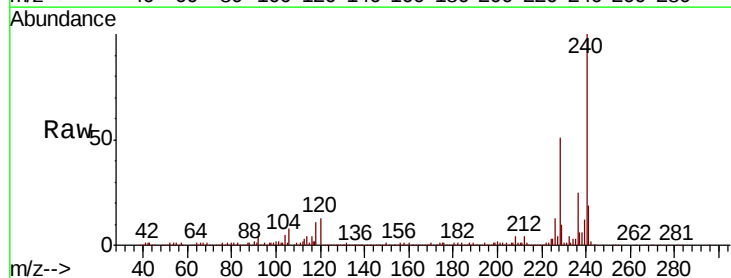


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

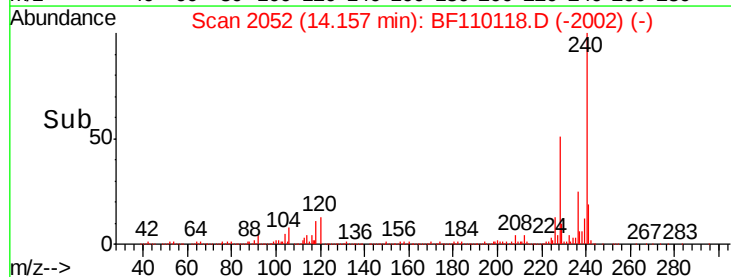
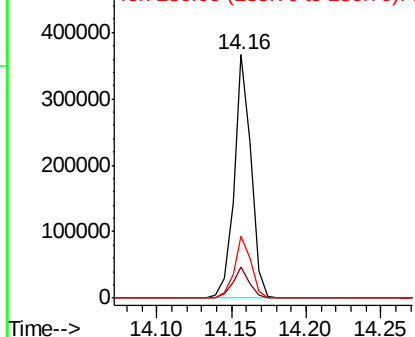


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BF110118.D
 Acq: 24 Oct 2018 16:42

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.8	8.3	12.5#
236	25.4	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: Below Cal

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF110118.D

Acq: 24 Oct 2018 16:42

Instrument :

BNA_F

ClientSampleId :

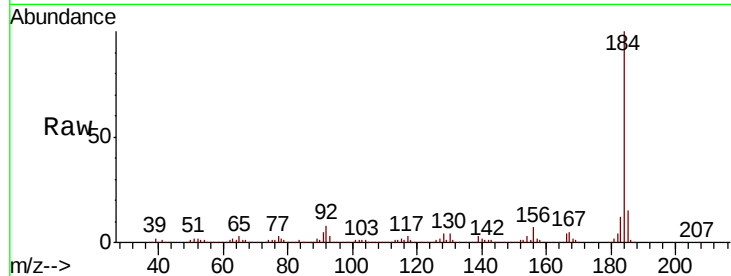
Tot Ion:184 Resp: 441873

Ion Ratio Lower Upper

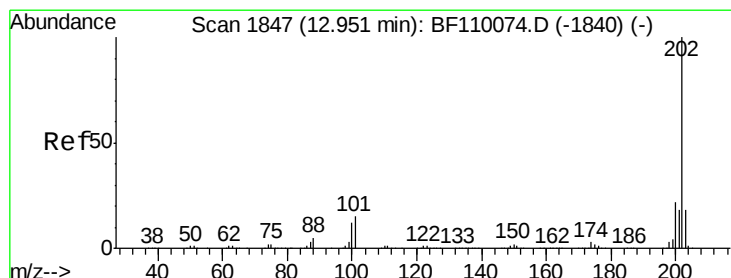
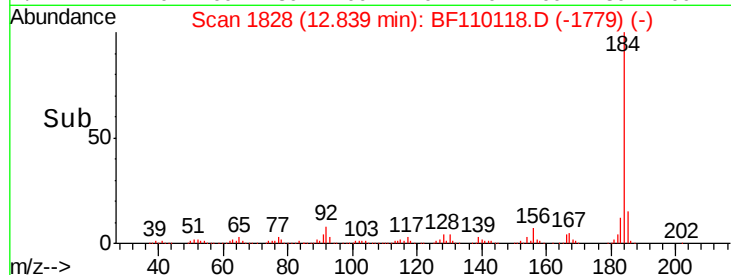
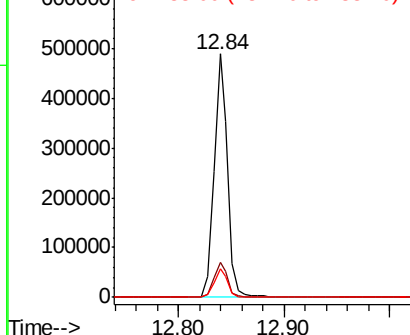
184 100

185 14.6 13.4 20.2

183 11.6 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.496 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF110118.D

Acq: 24 Oct 2018 16:42

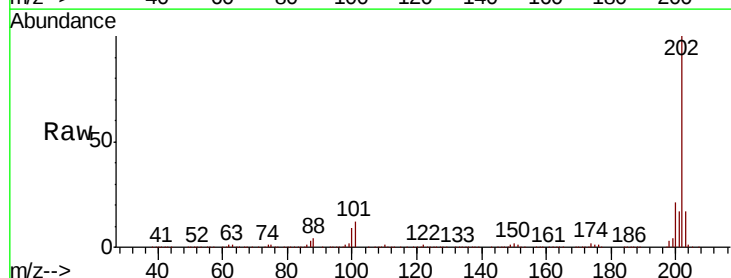
Tgt Ion:202 Resp: 911754

Ion Ratio Lower Upper

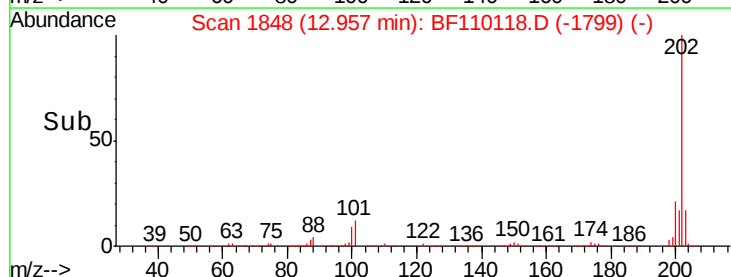
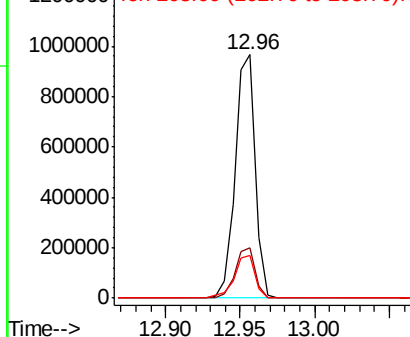
202 100

200 20.9 17.8 26.6

203 17.3 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: 71.733 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110118.D

Acq: 24 Oct 2018 16:42

Instrument :

BNA_F

ClientSampled :

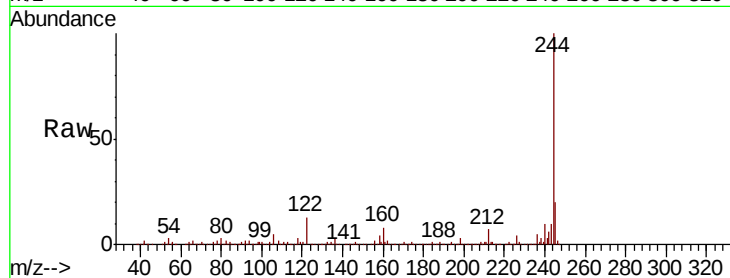
Tot Ion:244 Resp: 1008494

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

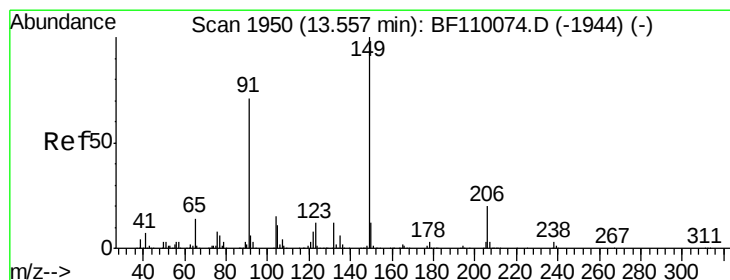
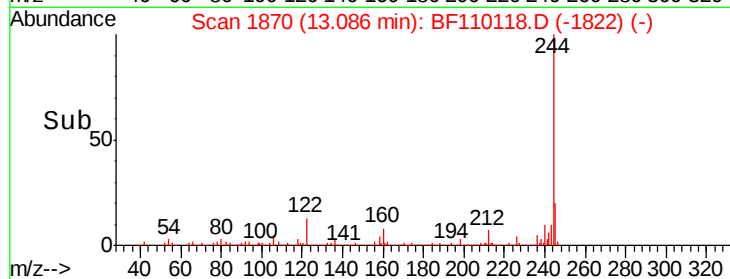
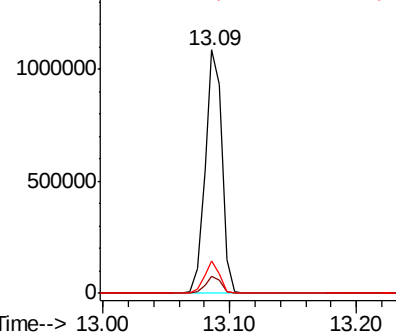
122 13.2 8.7 13.1#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.786 ng

RT: 13.56 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BF110118.D

Acq: 24 Oct 2018 16:42

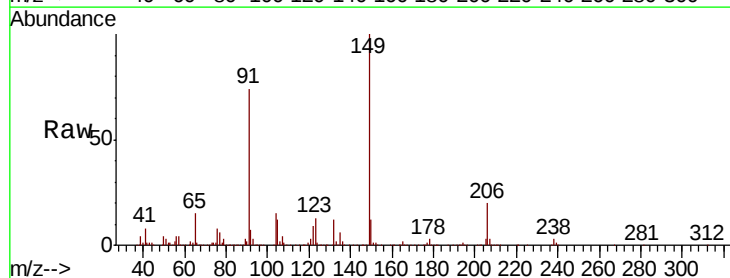
Tgt Ion:149 Resp: 407471

Ion Ratio Lower Upper

149 100

91 73.8 57.2 85.8

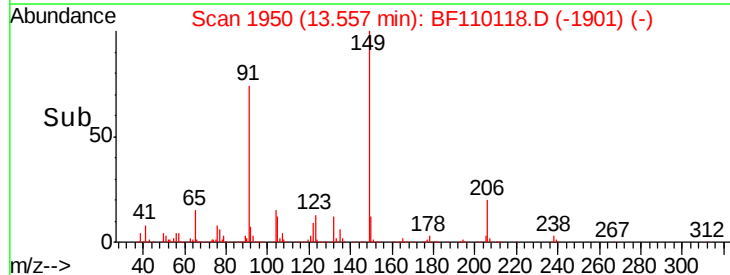
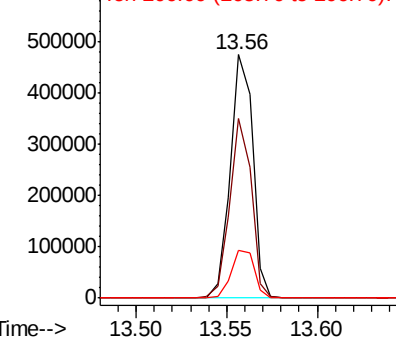
206 19.6 15.7 23.5

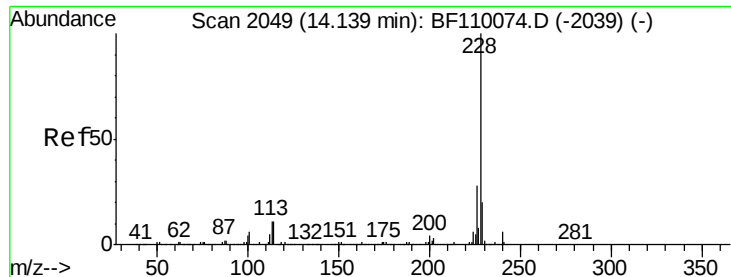


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

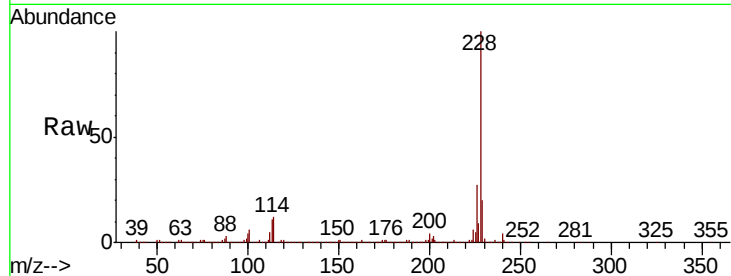




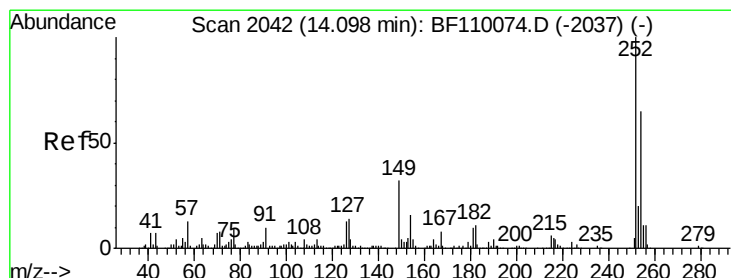
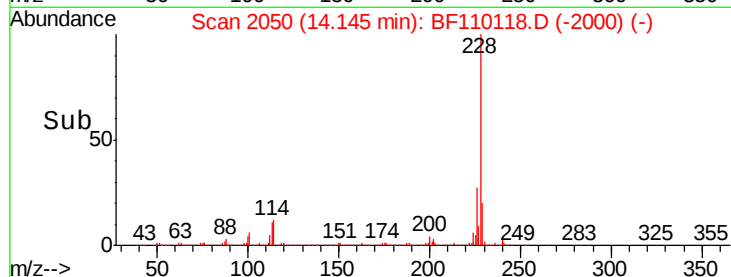
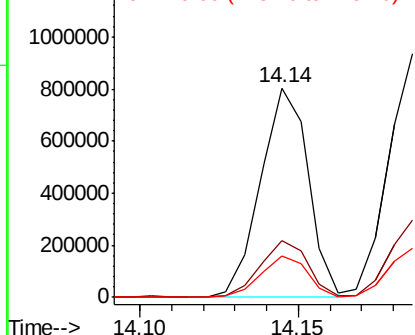
#81
Benzo(a)anthracene
Concen: 48.450 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BF110118.D
Acq: 24 Oct 2018 16:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 840093
Ion Ratio Lower Upper
228 100
226 27.1 22.1 33.1
229 19.8 15.6 23.4

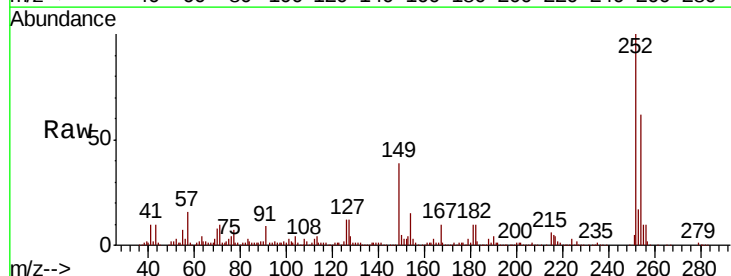


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

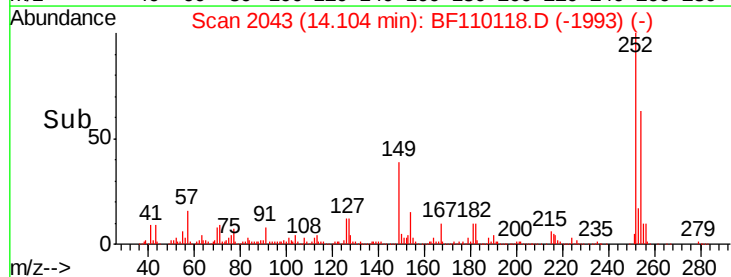
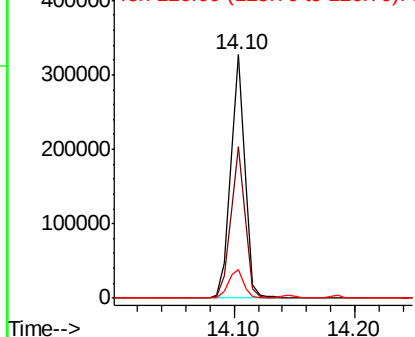


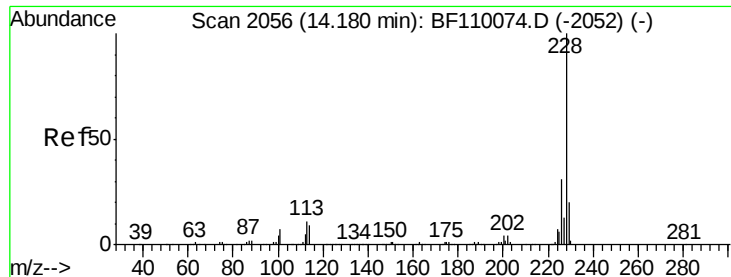
#82
3,3'-Dichlorobenzidine
Concen: 44.391 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF110118.D
Acq: 24 Oct 2018 16:42

Tgt Ion:252 Resp: 268022
Ion Ratio Lower Upper
252 100
254 62.4 51.3 76.9
126 11.9 9.4 14.2



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





#83

Chrvsene

Concen: 47.139 ng

RT: 14.19 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BF110118.D

Acq: 24 Oct 2018 16:42

Instrument :

BNA_F

ClientSampleId :

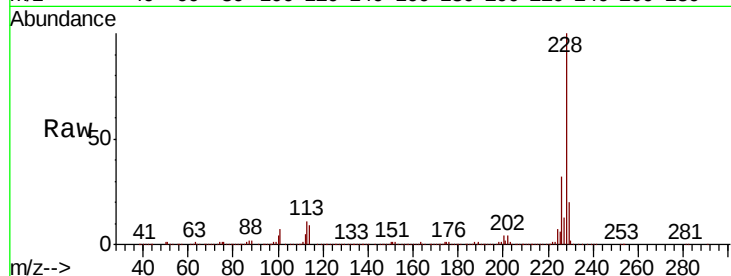
Tot Ion:228 Resp: 776323

Ion Ratio Lower Upper

228 100

226 31.5 24.7 37.1

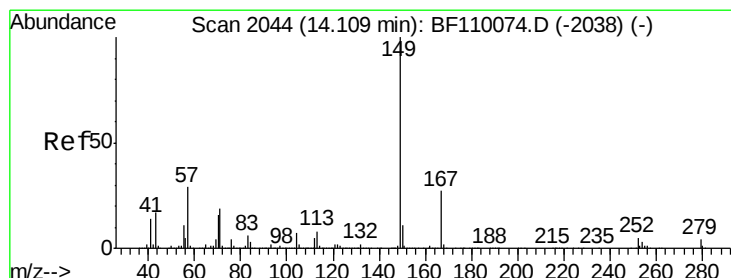
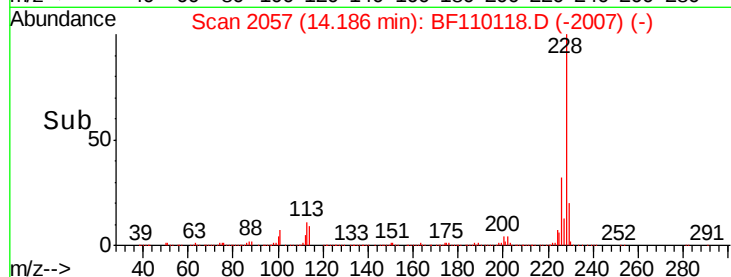
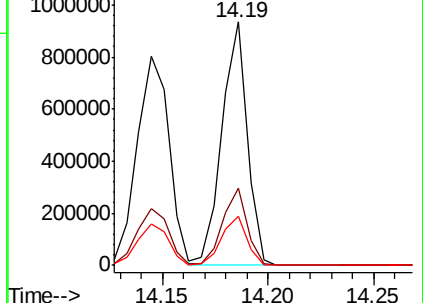
229 20.1 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.450 ng

RT: 14.12 min Scan# 2045

Delta R.T. -0.01 min

Lab File: BF110118.D

Acq: 24 Oct 2018 16:42

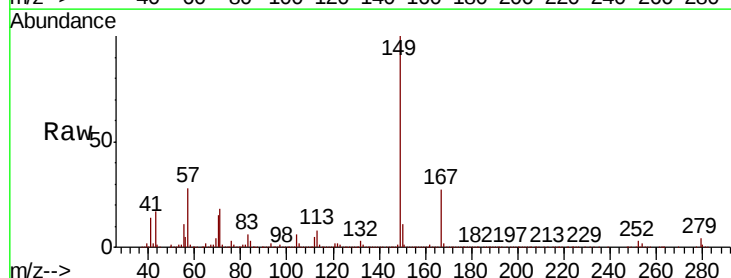
Tgt Ion:149 Resp: 583587

Ion Ratio Lower Upper

149 100

167 26.6 19.8 29.8

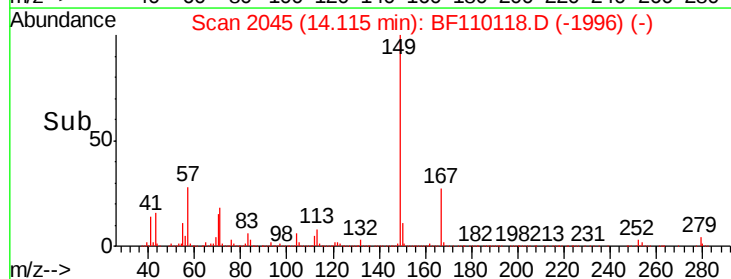
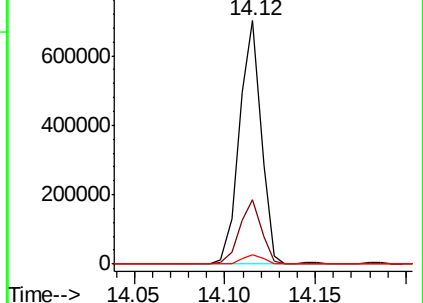
279 3.6 2.7 4.1

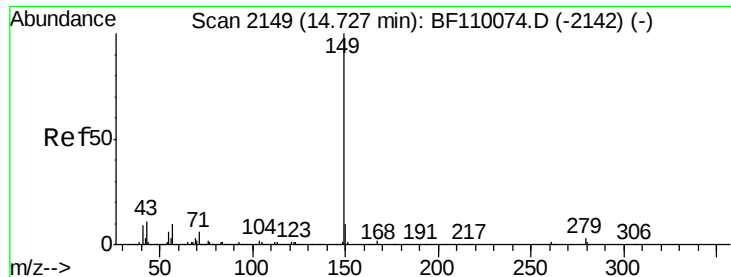


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 53.850 ng

RT: 14.74 min Scan# 2151

Delta R.T. -0.01 min

Lab File: BF110118.D

Acq: 24 Oct 2018 16:42

Instrument :

BNA_F

ClientSampled :

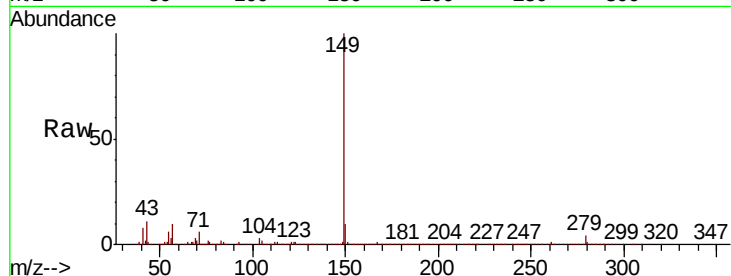
Tot Ion:149 Resp: 1029831

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

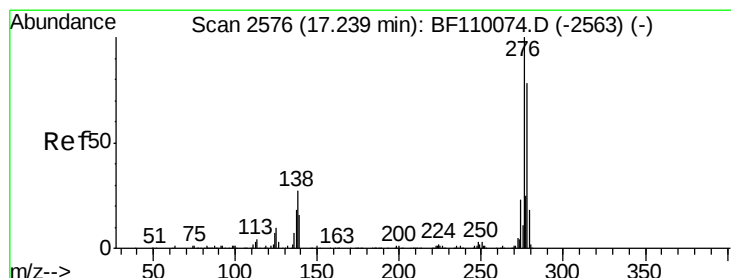
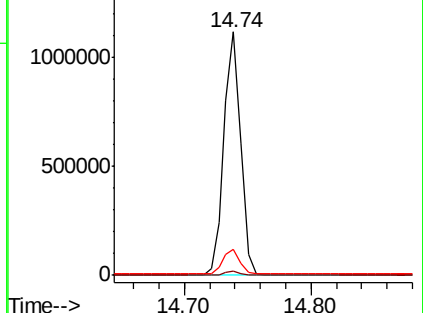
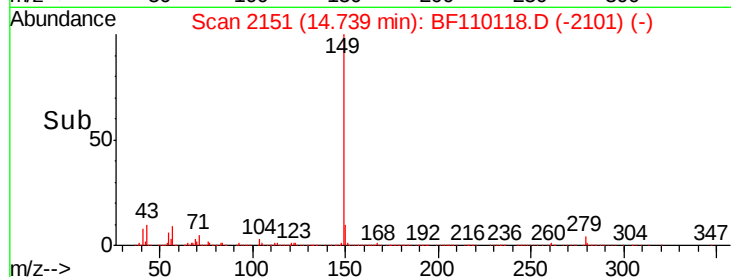
43 10.5 7.8 11.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.976 ng

RT: 17.25 min Scan# 2578

Delta R.T. -0.01 min

Lab File: BF110118.D

Acq: 24 Oct 2018 16:42

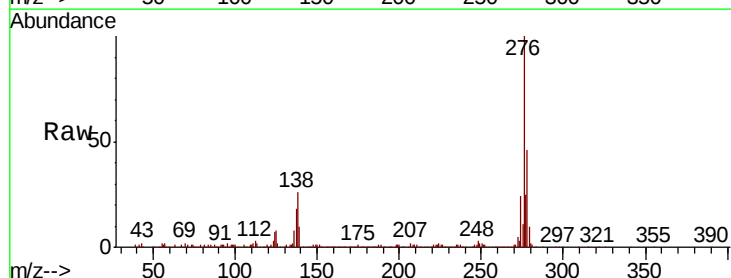
Tgt Ion:276 Resp: 573495

Ion Ratio Lower Upper

276 100

138 27.7 18.5 27.7

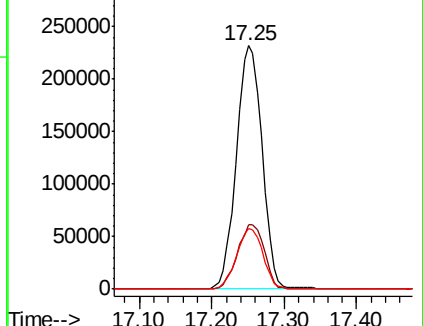
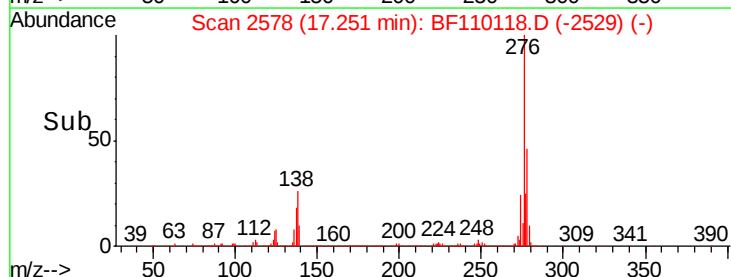
277 25.7 20.0 30.0

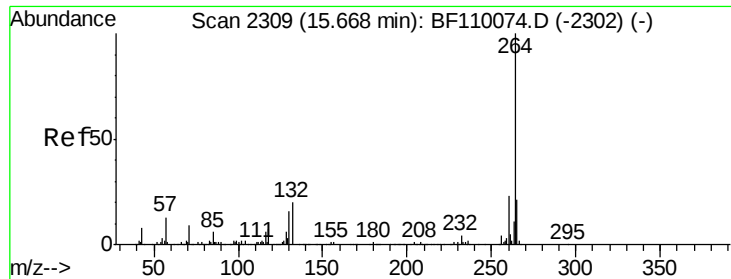


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.69 min Scan# 2312

Delta R.T. -0.01 min

Lab File: BF110118.D

Acq: 24 Oct 2018 16:42

Instrument :

BNA_F

ClientSampled :

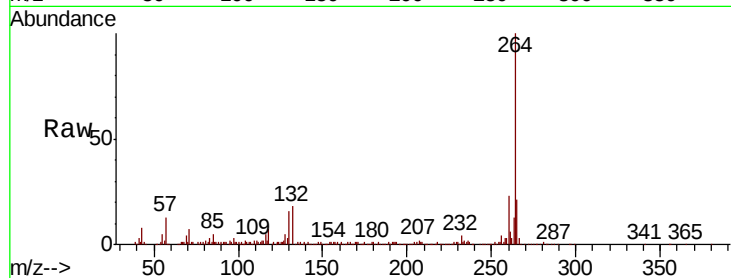
Tot Ion:264 Resp: 232129

Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

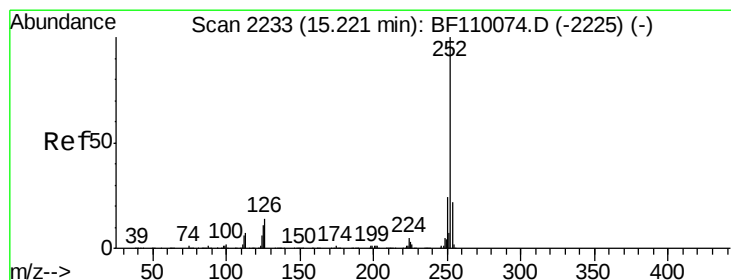
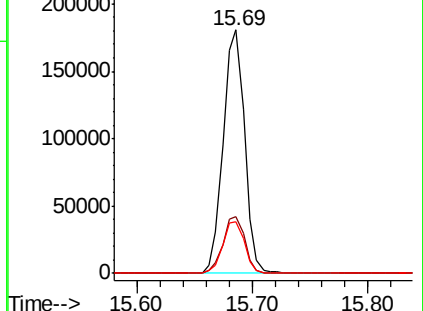
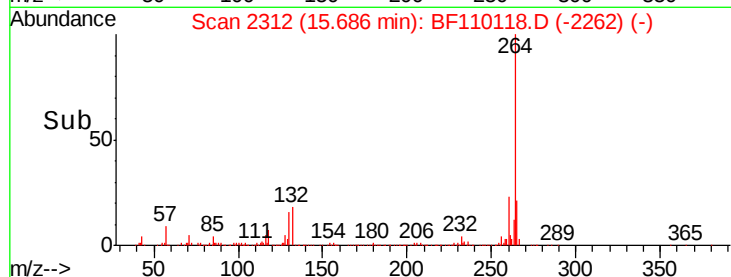
265 21.2 16.7 25.1



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: 51.569 ng

RT: 15.23 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BF110118.D

Acq: 24 Oct 2018 16:42

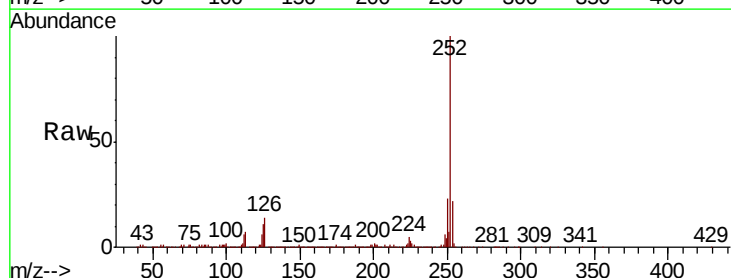
Tgt Ion:252 Resp: 691267

Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

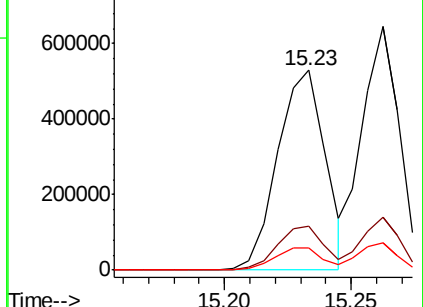
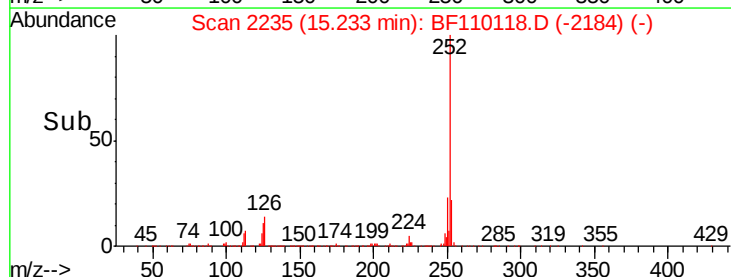
125 11.0 8.2 12.4

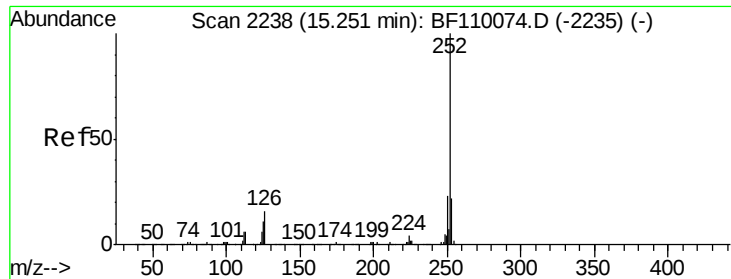


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

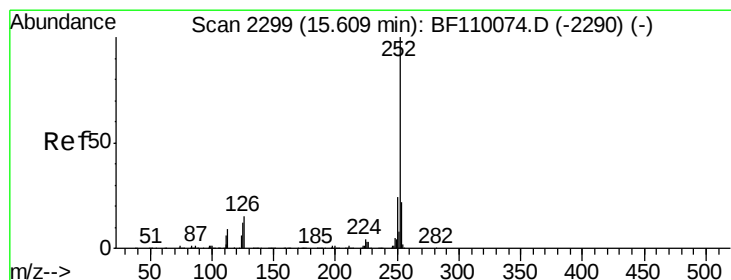
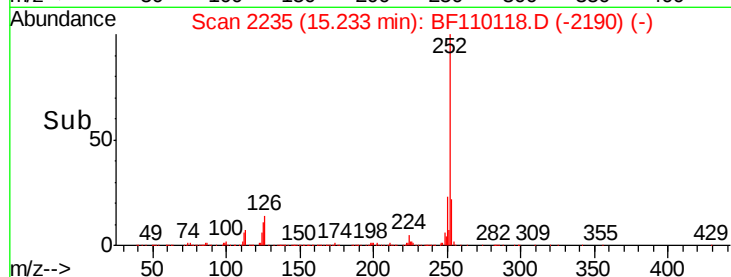
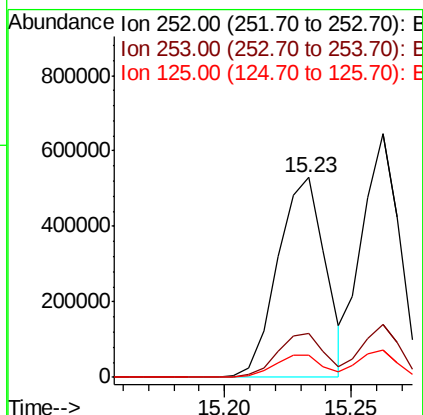
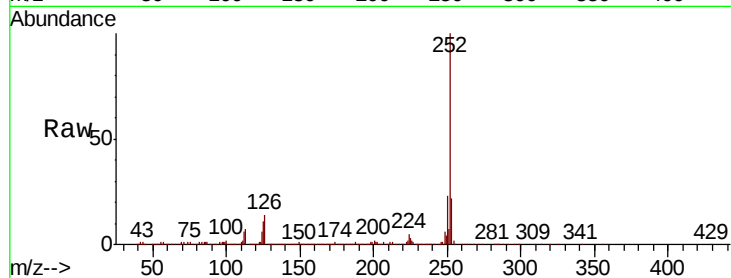




#89
Benzo(k)fluoranthene
Concen: 52.456 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.04 min
Lab File: BF110118.D
Acq: 24 Oct 2018 16:42

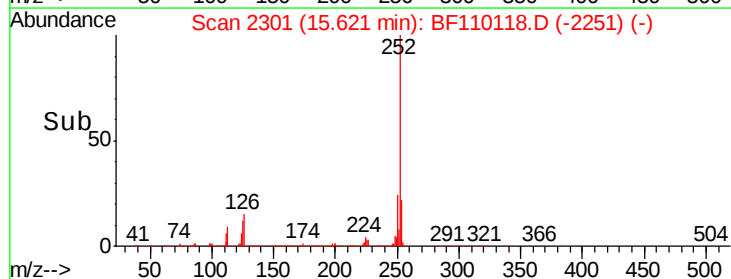
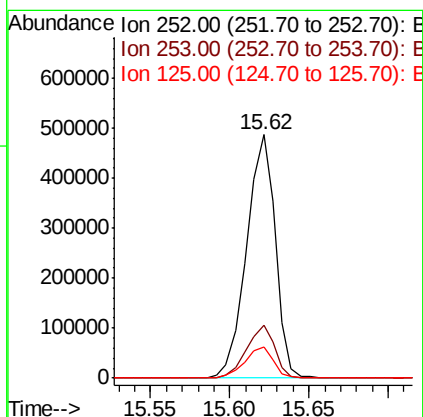
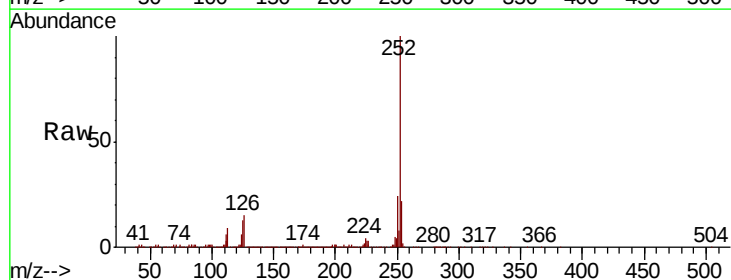
Instrument :
BNA_F
ClientSampleId :

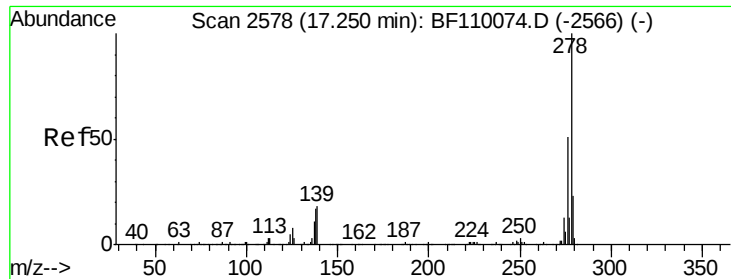
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	11.0	7.4	11.0



#90
Benzo(a)pyrene
Concen: 49.570 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BF110118.D
Acq: 24 Oct 2018 16:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.4
125	12.6	9.0	13.6

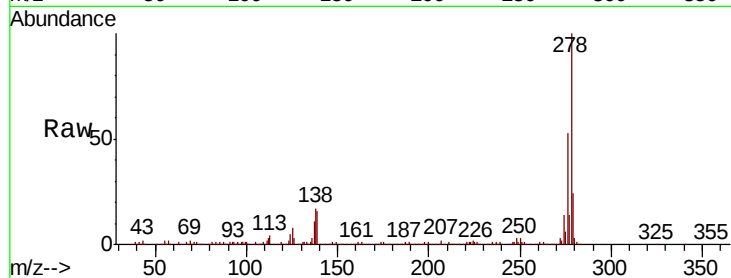




#91
Dibenzo(a,h)anthracene
Concen: 46.109 ng
RT: 17.27 min Scan# 2581
Delta R.T. -0.01 min
Lab File: BF110118.D
Acq: 24 Oct 2018 16:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.5	12.7	19.1
279	24.1	19.0	28.4

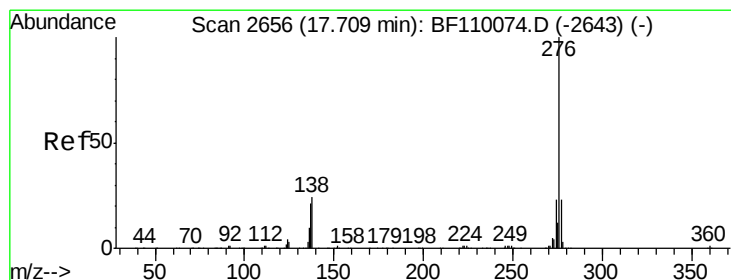
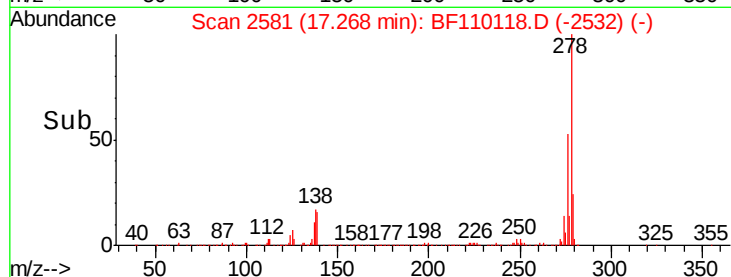
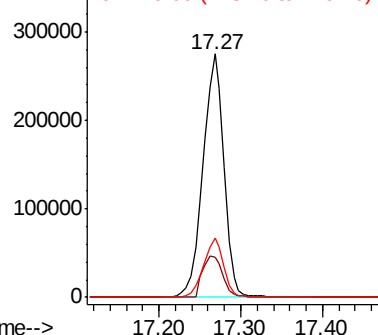


Abundance

Ion 278.00 (277.70 to 278.70): E

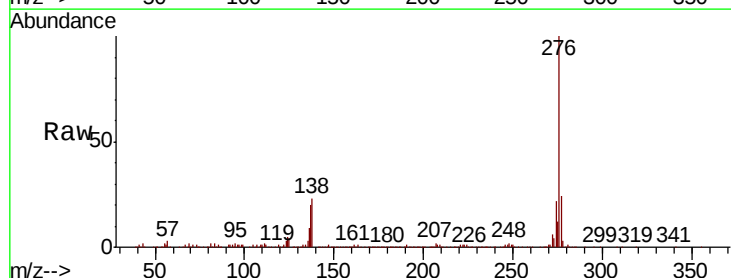
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 44.420 ng
RT: 17.73 min Scan# 2660
Delta R.T. -0.01 min
Lab File: BF110118.D
Acq: 24 Oct 2018 16:42

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.8	28.2
138	23.1	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

