

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102318\
 Data File : BF110072.D
 Acq On : 23 Oct 2018 11:46
 Operator : JU/SJ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 23 13:11:37 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 12:51:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	172117	20.00	ng	-0.02
21) Naphthalene-d8	8.25	136	742850	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	355489	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	683325	20.00	ng	-0.02
76) Chrysene-d12	14.14	240	570964	20.00	ng	-0.02
87) Perylene-d12	15.67	264	521347	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	231631	21.33	ng	-0.02
7) Phenol-d6	6.57	99	289972	21.51	ng	-0.03
23) Nitrobenzene-d5	7.52	82	259328	23.52	ng	-0.03
42) 2,4,6-Tribromophenol	10.80	330	74101	24.08	ng	-0.02
45) 2-Fluorobiphenyl	9.32	172	536438	24.08	ng	-0.02
79) Terphenyl-d14	13.08	244	599861	22.06	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.83	88	56935	9.232	ng	92
3) Pyridine	3.60	79	121885	8.865	ng	# 84
4) n-Nitrosodimethylamine	3.55	42	51313	9.149	ng	# 95
6) Aniline	6.62	93	182682	10.054	ng	# 53
8) 2-Chlorophenol	6.75	128	130028	10.691	ng	99
9) Benzaldehyde	6.52	77	102375	11.684	ng	96
10) Phenol	6.59	94	154760	10.631	ng	# 63
11) bis(2-Chloroethyl)ether	6.69	93	124907	10.262	ng	94
12) 1,3-Dichlorobenzene	6.90	146	144624	10.844	ng	98
13) 1,4-Dichlorobenzene	6.98	146	147396	10.974	ng	99
14) 1,2-Dichlorobenzene	7.13	146	141202	11.416	ng	98
15) Benzyl Alcohol	7.10	79	109740	10.579	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.23	45	204451	10.234	ng	67
17) 2-Methylphenol	7.20	107	104066	10.611	ng	# 81
18) Hexachloroethane	7.47	117	52493	11.059	ng	90
19) n-Nitroso-di-n-propylamine	7.36	70	92839	10.724	ng	93
20) 3+4-Methylphenols	7.35	107	139487	11.208	ng	# 81
22) Acetophenone	7.37	105	187846	10.904	ng	# 99
24) Nitrobenzene	7.54	77	135468	11.308	ng	98
25) Isophorone	7.78	82	218981	10.106	ng	94
26) 2-Nitrophenol	7.86	139	59657	12.011	ng	88
27) 2,4-Dimethylphenol	7.89	122	106861	10.239	ng	97
28) bis(2-Chloroethoxy)methane	7.99	93	152086	10.227	ng	99
29) 2,4-Dichlorophenol	8.10	162	108250	10.692	ng	97
30) 1,2,4-Trichlorobenzene	8.19	180	121147	10.687	ng	96
31) Naphthalene	8.27	128	375440	11.021	ng	99
32) Benzoic acid	7.96	122	62133	9.555	ng	87
33) 4-Chloroaniline	8.32	127	165204	10.789	ng	98
34) Hexachlorobutadiene	8.38	225	68169	10.905	ng	99
35) Caprolactam	8.66	113	35912	9.988	ng	# 87
36) 4-Chloro-3-methylphenol	8.79	107	116277	10.887	ng	94
37) 2-Methylnaphthalene	8.96	142	245792	11.143	ng	95
38) 1-Methylnaphthalene	9.06	142	235195	11.004	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	119530	10.917	ng	99

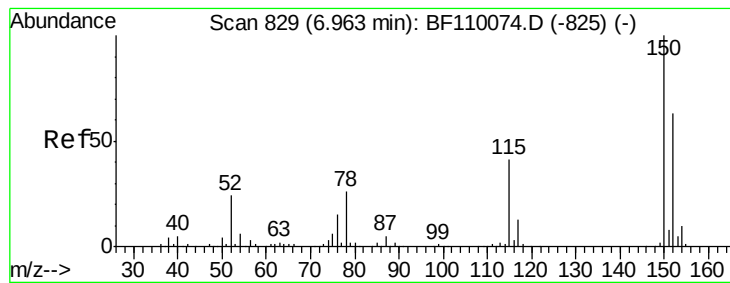
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102318\
 Data File : BF110072.D
 Acq On : 23 Oct 2018 11:46
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 QLast Update : Tue Oct 23 12:51:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.11	237	56409	10.674	nq	97
43) 2,4,6-Trichlorophenol	9.23	196	75612	11.044	nq	96
44) 2,4,5-Trichlorophenol	9.27	196	76987	10.834	nq	94
46) 1,1'-Biphenyl	9.42	154	354765	11.201	nq	99
47) 2-Chloronaphthalene	9.45	162	253350	10.859	nq	99
48) 2-Nitroaniline	9.55	65	73483	12.273	nq	95
49) Acenaphthylene	9.87	152	370806	10.941	nq	98
50) Dimethylphthalate	9.72	163	278819	11.077	nq	99
51) 2,6-Dinitrotoluene	9.79	165	57053	11.933	nq #	85
52) Acenaphthene	10.04	154	240574	11.149	nq	97
53) 3-Nitroaniline	9.95	138	70282	12.085	nq	96
54) 2,4-Dinitrophenol	10.06	184	14333	11.719	nq	83
55) Dibenzofuran	10.22	168	345892	11.240	nq	94
56) 4-Nitrophenol	10.10	139	50111	11.292	nq	85
57) 2,4-Dinitrotoluene	10.19	165	71499	12.726	nq #	90
58) Fluorene	10.56	166	257943	11.515	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.33	232	66354	11.782	nq	97
60) Diethylphthalate	10.42	149	274897	11.057	nq	98
61) 4-Chlorophenyl-phenylether	10.54	204	136458	11.694	nq	98
62) 4-Nitroaniline	10.56	138	69517	12.627	nq	93
63) Azobenzene	10.70	77	274773	10.579	nq	97
65) 4,6-Dinitro-2-methylphenol	10.60	198	25449	11.620	nq	94
66) n-Nitrosodiphenylamine	10.66	169	245483	10.786	nq	97
67) 4-Bromophenyl-phenylether	11.04	248	79120	10.684	nq	95
68) Hexachlorobenzene	11.10	284	85170	10.785	nq #	92
69) Atrazine	11.19	200	78318	11.017	nq	100
70) Pentachlorophenol	11.30	266	44265	9.849	nq	98
71) Phenanthrene	11.52	178	396209	11.200	nq	98
72) Anthracene	11.57	178	401636	11.293	nq	98
73) Carbazole	11.73	167	386702	11.063	nq	99
74) Di-n-butylphthalate	12.05	149	435771	11.171	nq	98
75) Fluoranthene	12.72	202	406437	11.501	nq	99
77) Benzidine	12.83	184	256809	11.731	nq	97
78) Pyrene	12.94	202	419255	9.998	nq	98
80) Butylbenzylphthalate	13.56	149	176132	10.389	nq	93
81) Benzo(a)anthracene	14.13	228	357218	10.622	nq	99
82) 3,3'-Dichlorobenzidine	14.09	252	135653	11.505	nq	98
83) Chrysene	14.17	228	346037	10.810	nq	97
84) Bis(2-ethylhexyl)phthalate	14.11	149	248660	11.146	nq #	96
85) Di-n-octyl phthalate	14.73	149	393034	12.496	nq	99
86) Indeno(1,2,3-cd)pyrene	17.22	276	289019	11.213	nq #	95
88) Benzo(b)fluoranthene	15.21	252	305473	10.163	nq	98
89) Benzo(k)fluoranthene	15.24	252	305652	10.317	nq	99
90) Benzo(a)pyrene	15.60	252	283317	10.249	nq	97
91) Dibenzo(a,h)anthracene	17.24	278	243096	9.923	nq	97
92) Benzo(g,h,i)perylene	17.69	276	230946	9.330	nq	96

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

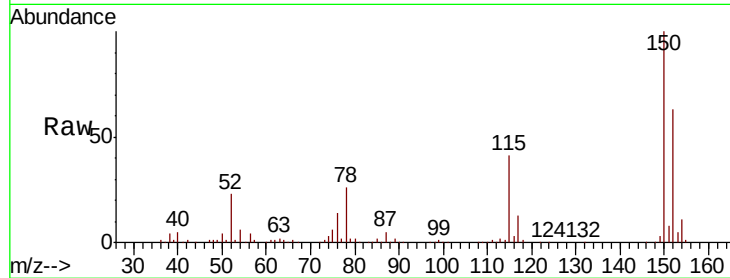


#1

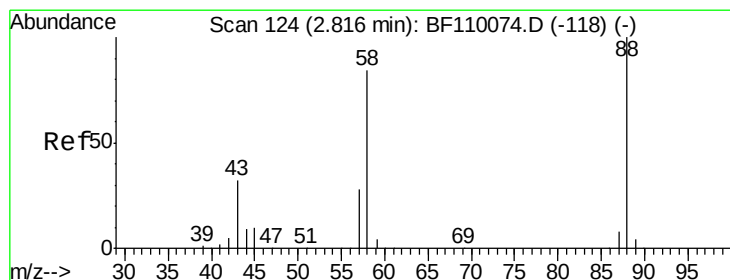
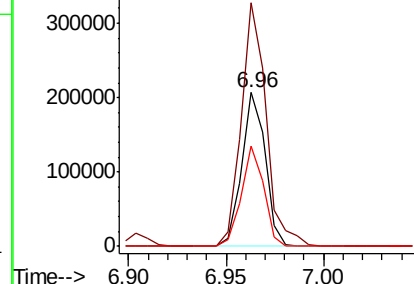
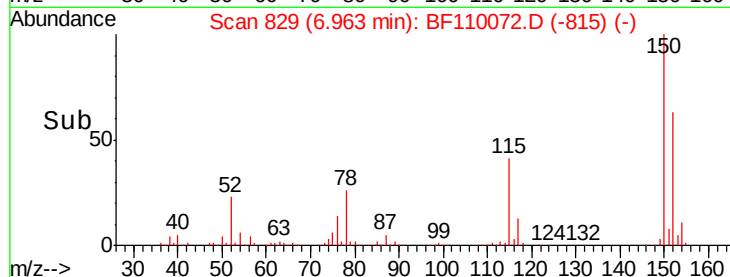
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.02 min
Lab File: BF110072.D
Acq: 23 Oct 2018 11:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 172117
Ion Ratio Lower Upper
152 100
150 158.5 122.7 184.1
115 64.9 49.1 73.7



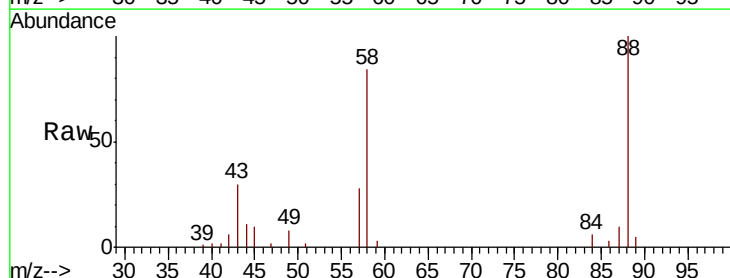
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



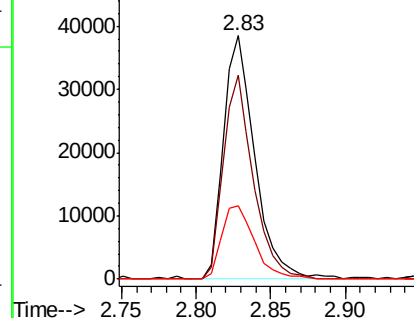
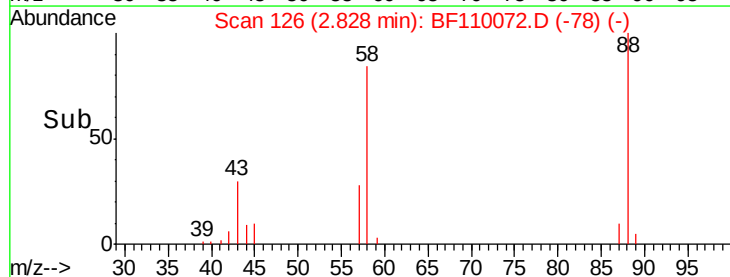
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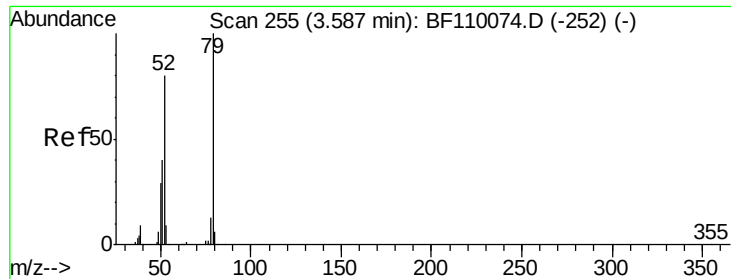
1,4-Dioxane
Concen: 9.232 ng
RT: 2.83 min Scan# 126
Delta R.T. -0.02 min
Lab File: BF110072.D
Acq: 23 Oct 2018 11:46

Tgt Ion: 88 Resp: 56935
Ion Ratio Lower Upper
88 100
58 79.6 57.1 85.7
43 31.6 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: 8.865 ng

RT: 3.60 min Scan# 258

Delta R.T. -0.01 min

Lab File: BF110072.D

Acq: 23 Oct 2018 11:46

Instrument :

BNA_F

ClientSampleId :

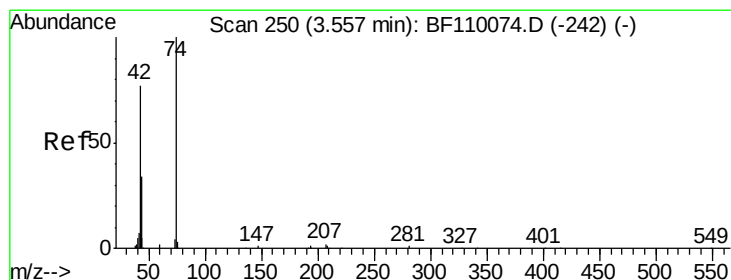
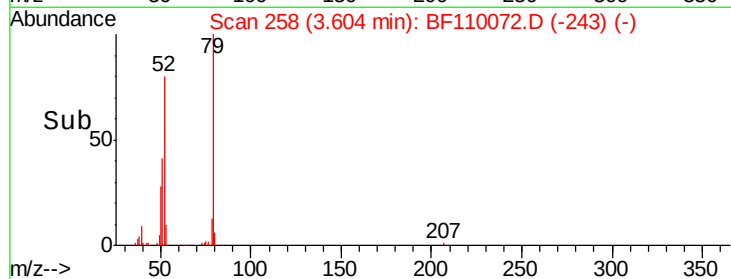
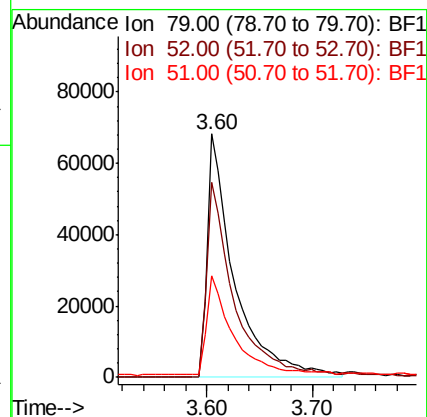
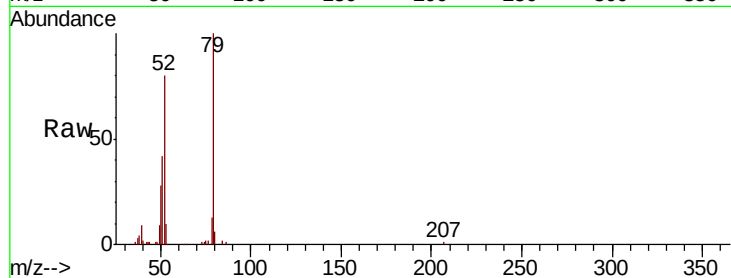
Tot Ion: 79 Resp: 121885

Ion Ratio Lower Upper

79 100

52 80.3 53.1 79.7#

51 41.9 27.4 41.2#



#4

n-Nitrosodimethylamine

Concen: 9.149 ng

RT: 3.55 min Scan# 248

Delta R.T. -0.04 min

Lab File: BF110072.D

Acq: 23 Oct 2018 11:46

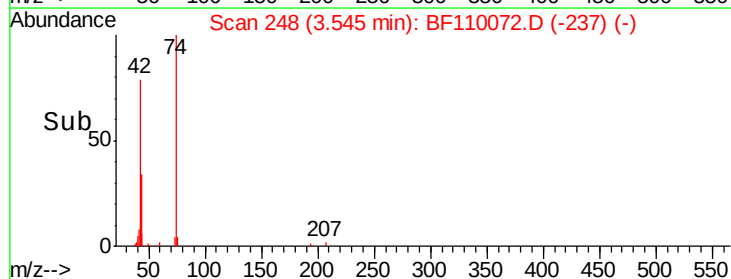
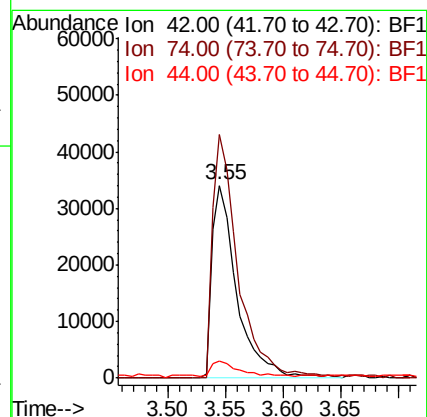
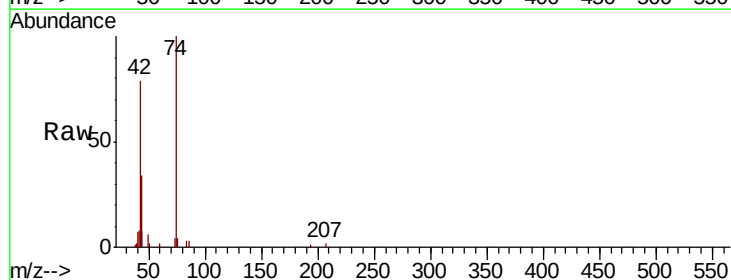
Tgt Ion: 42 Resp: 51313

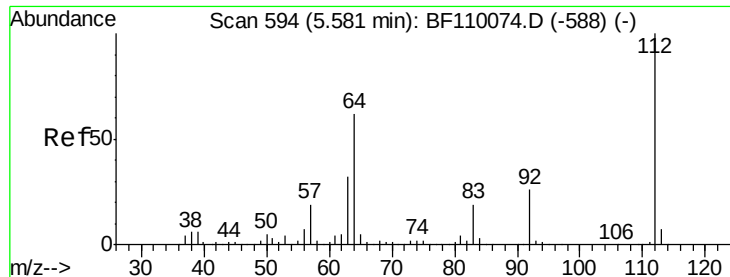
Ion Ratio Lower Upper

42 100

74 126.4 105.5 158.3

44 9.1 4.9 7.3#

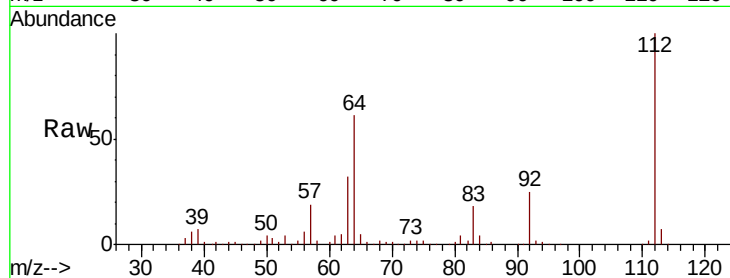




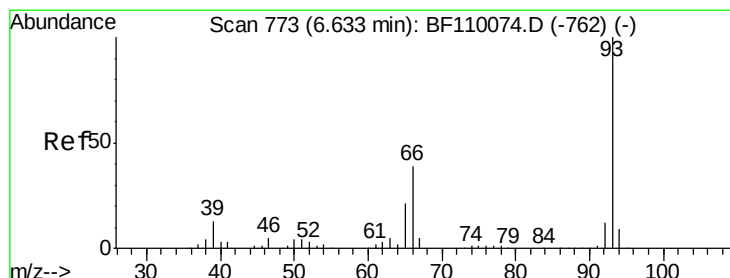
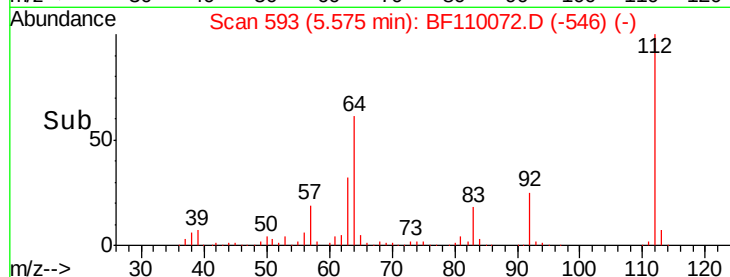
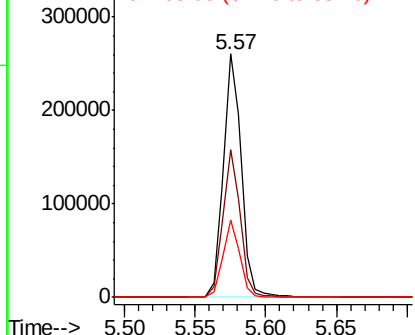
#5
 2-Fluorophenol
 Concen: 21.332 ng
 RT: 5.57 min Scan# 593
 Delta R.T. -0.02 min
 Lab File: BF110072.D
 Acq: 23 Oct 2018 11:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
112	100		
64	60.5	44.1	66.1
63	31.7	23.7	35.5

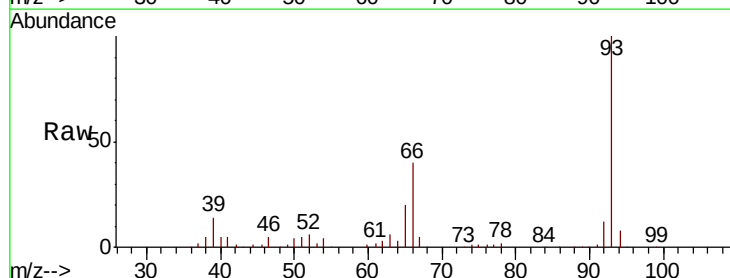


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1

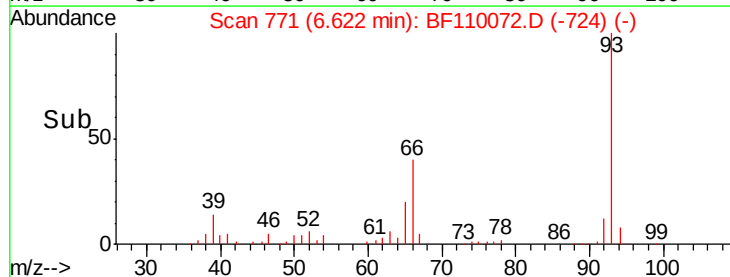
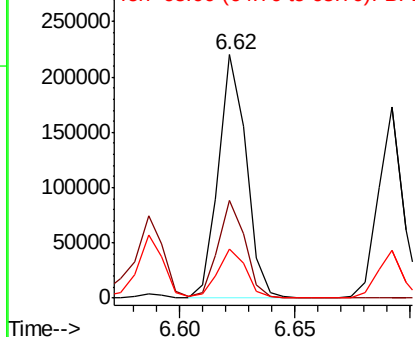


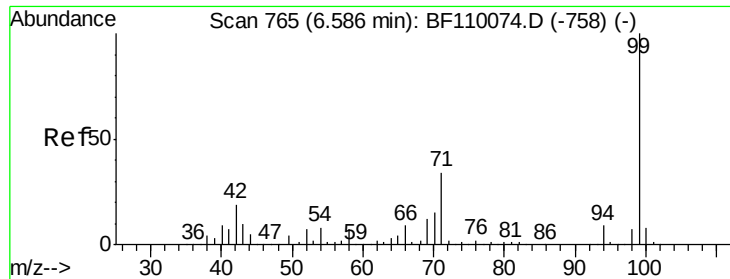
#6
 Aniline
 Concen: 10.054 ng
 RT: 6.62 min Scan# 771
 Delta R.T. -0.02 min
 Lab File: BF110072.D
 Acq: 23 Oct 2018 11:46

Tgt Ion	Ratio	Lower	Upper
93	100		
66	40.2	67.4	101.0#
65	20.2	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: 21.506 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.03 min

Lab File: BF110072.D

Acq: 23 Oct 2018 11:46

Instrument :

BNA_F

ClientSampleId :

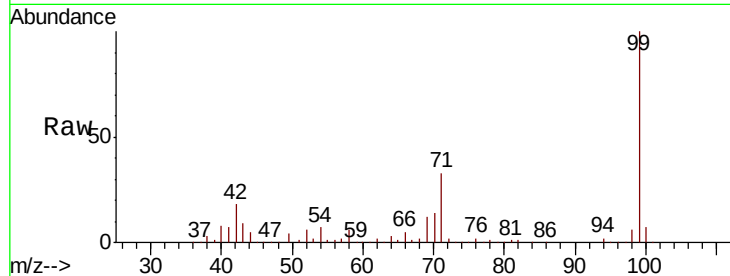
Tot Ion: 99 Resp: 289972

Ion Ratio Lower Upper

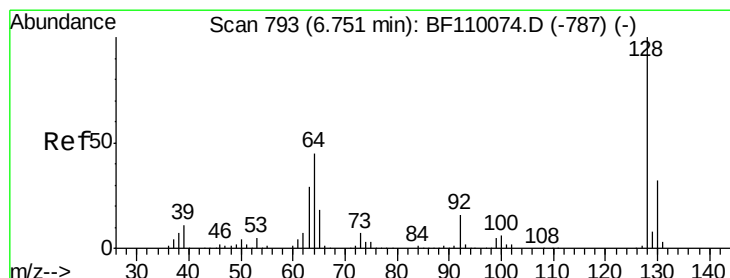
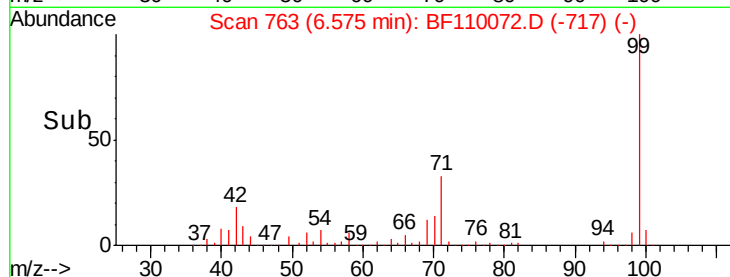
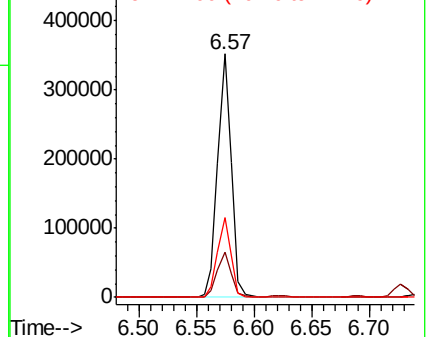
99 100

42 18.5 15.8 23.6

71 32.6 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: 10.691 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.02 min

Lab File: BF110072.D

Acq: 23 Oct 2018 11:46

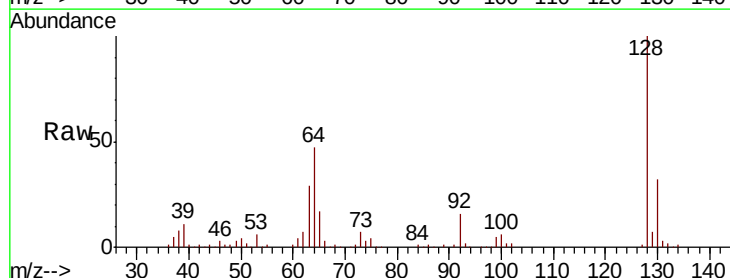
Tgt Ion: 128 Resp: 130028

Ion Ratio Lower Upper

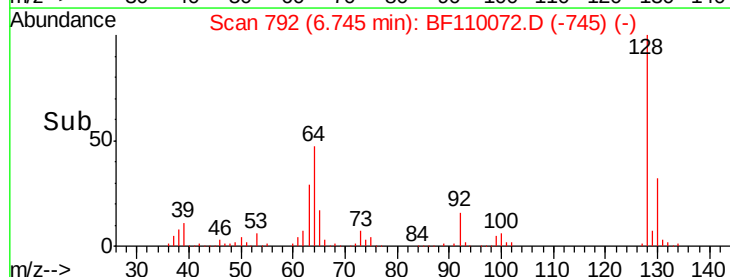
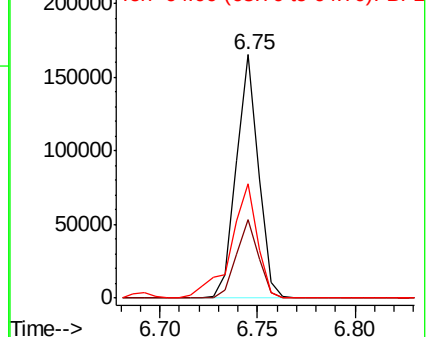
128 100

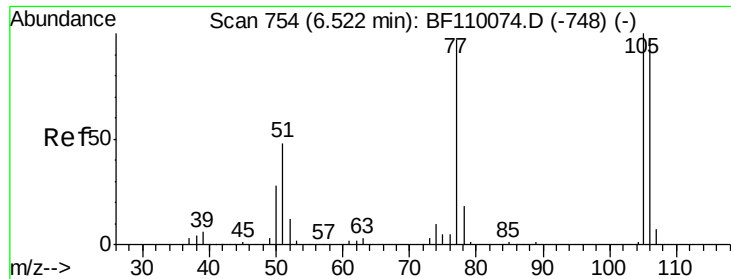
130 32.4 13.1 53.1

64 46.8 26.0 66.0



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





#9

Benzaldehyde

Concen: 11.684 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF110072.D

Acq: 23 Oct 2018 11:46

Instrument :

BNA_F

ClientSampleId :

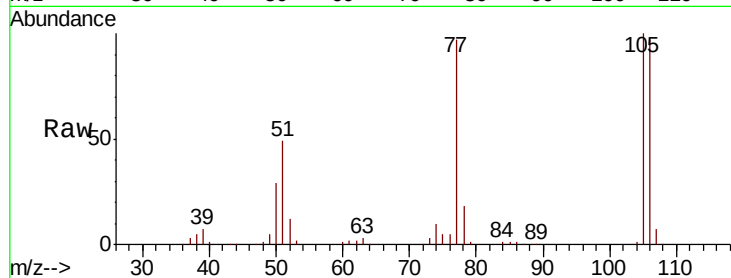
Tot Ion: 77 Resp: 102375

Ion Ratio Lower Upper

77 100

105 102.7 78.6 118.6

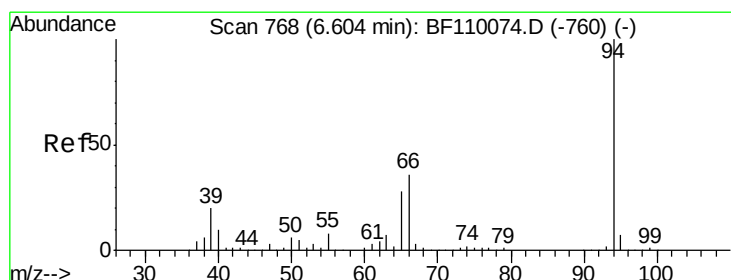
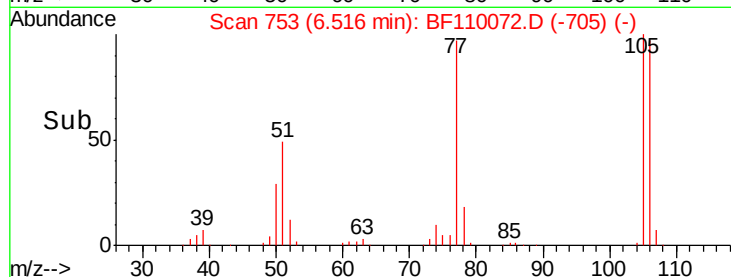
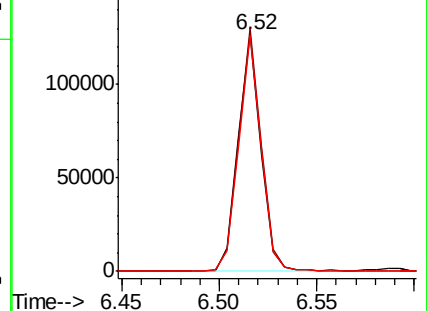
106 99.3 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 10.631 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.03 min

Lab File: BF110072.D

Acq: 23 Oct 2018 11:46

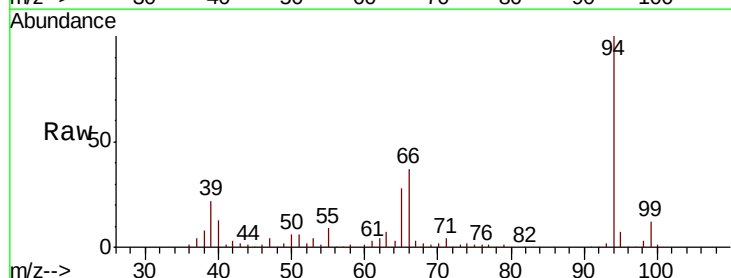
Tgt Ion: 94 Resp: 154760

Ion Ratio Lower Upper

94 100

65 28.5 25.3 65.3

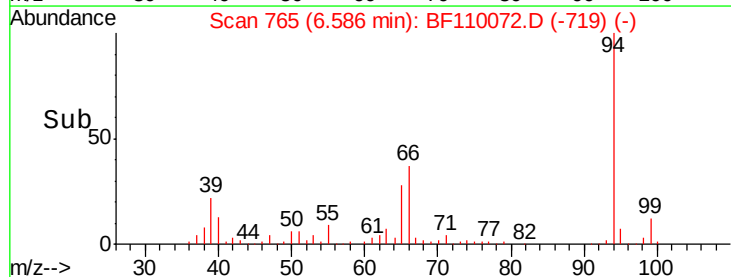
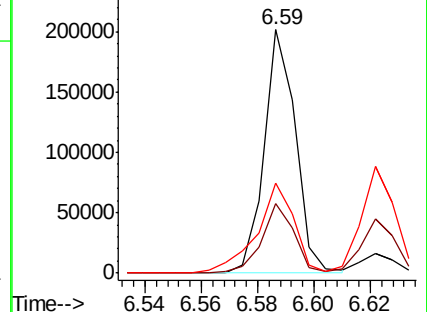
66 36.9 54.5 94.5#

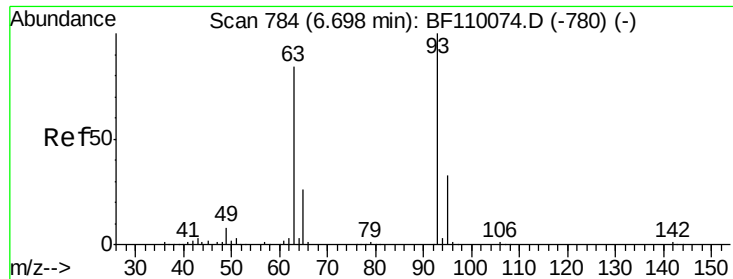


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

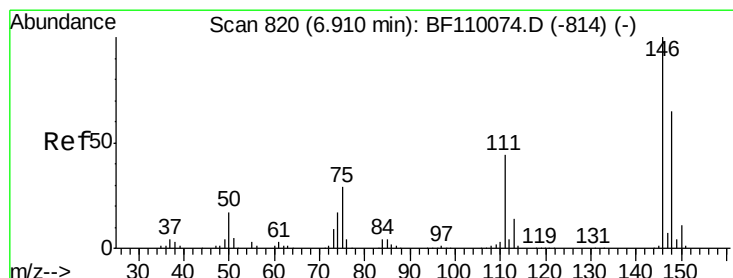
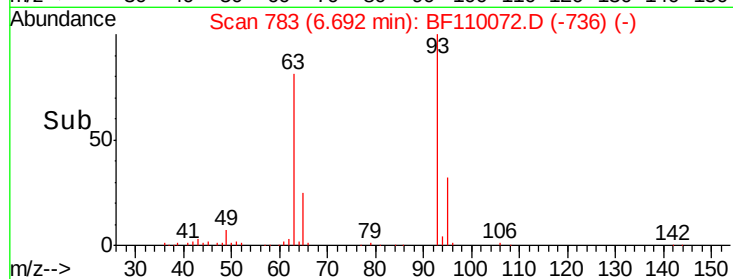
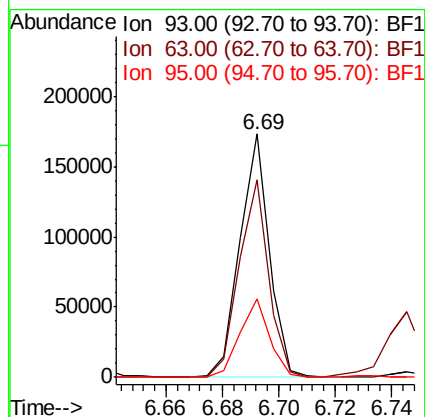
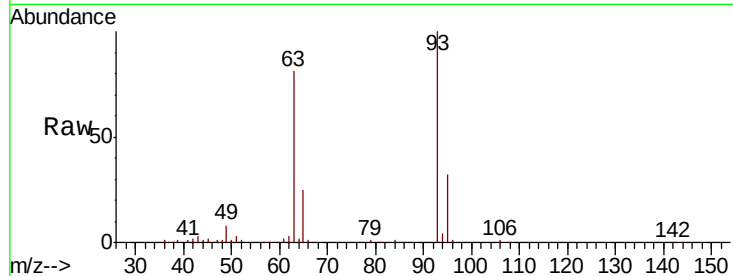




#11
bis(2-Chloroethyl)ether
Concen: 10.262 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF110072.D
Acq: 23 Oct 2018 11:46

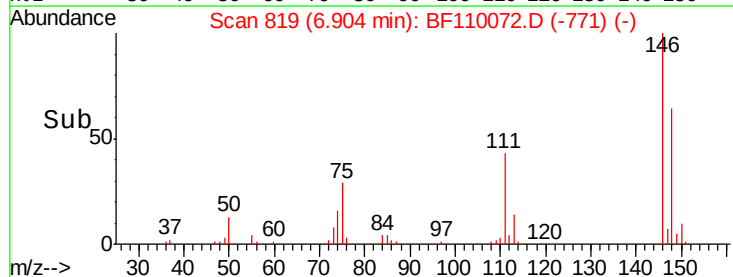
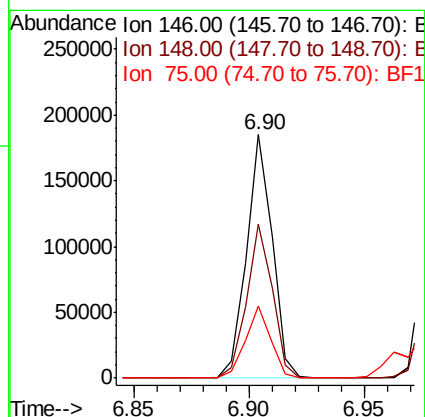
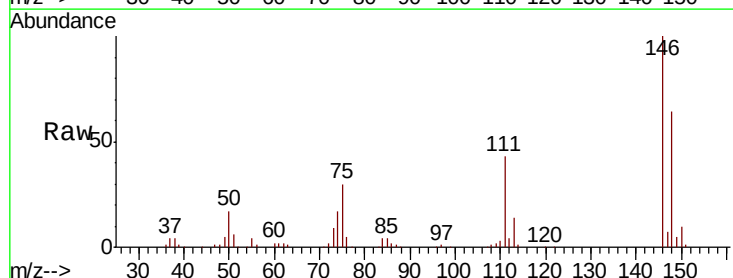
Instrument :
BNA_F
ClientSampleId :

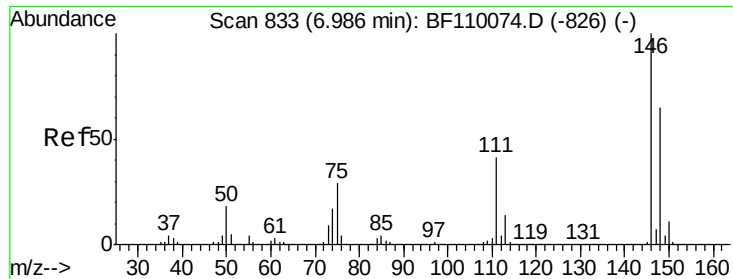
Tot Ion	Ratio	Lower	Upper
93	100		
63	81.0	53.4	93.4
95	32.4	12.1	52.1



#12
1,3-Dichlorobenzene
Concen: 10.844 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF110072.D
Acq: 23 Oct 2018 11:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.4	75.6
75	29.8	25.8	38.6

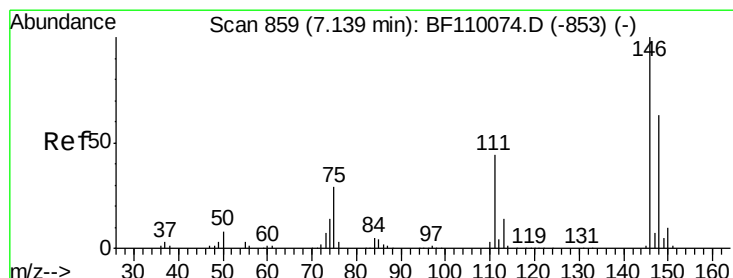
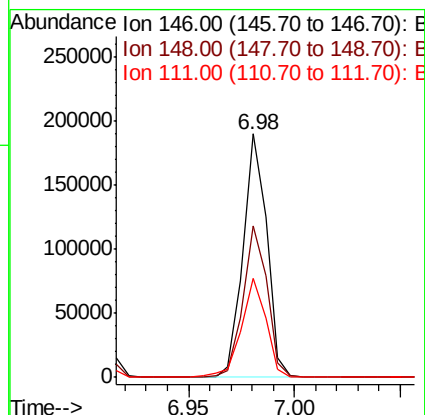
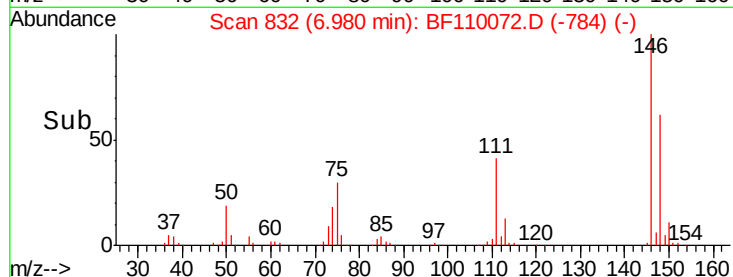
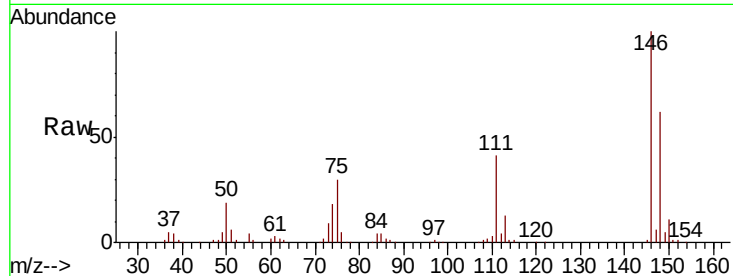




#13
 1,4-Dichlorobenzene
 Concen: 10.974 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.02 min
 Lab File: BF110072.D
 Acq: 23 Oct 2018 11:46

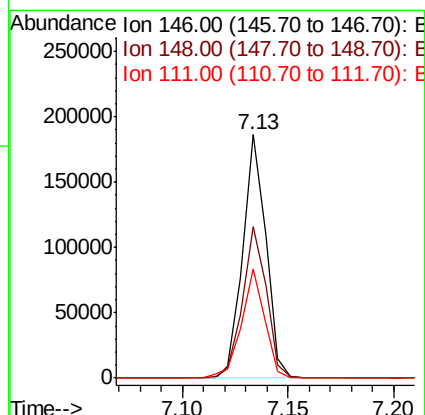
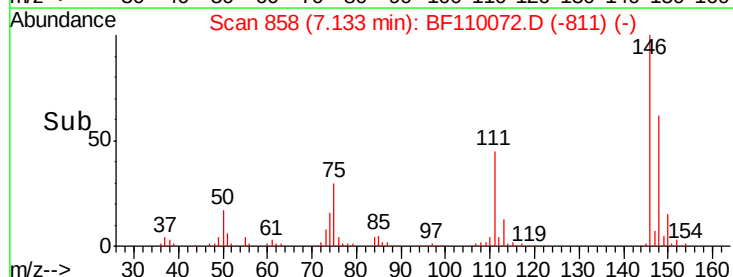
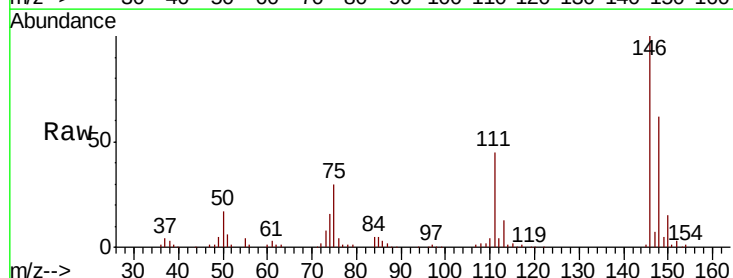
Instrument :
 BNA_F
 ClientSampled :

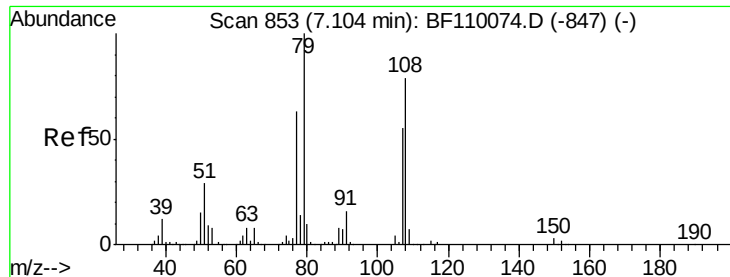
Tot Ion:146 Resp: 147396
 Ion Ratio Lower Upper
 146 100
 148 62.3 50.3 75.5
 111 40.5 32.7 49.1



#14
 1,2-Dichlorobenzene
 Concen: 11.416 ng
 RT: 7.13 min Scan# 858
 Delta R.T. -0.02 min
 Lab File: BF110072.D
 Acq: 23 Oct 2018 11:46

Tgt Ion:146 Resp: 141202
 Ion Ratio Lower Upper
 146 100
 148 62.1 51.1 76.7
 111 45.0 35.8 53.6





#15

Benzyl Alcohol

Concen: 10.579 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.02 min

Lab File: BF110072.D

Acq: 23 Oct 2018 11:46

Instrument :

BNA_F

ClientSampleId :

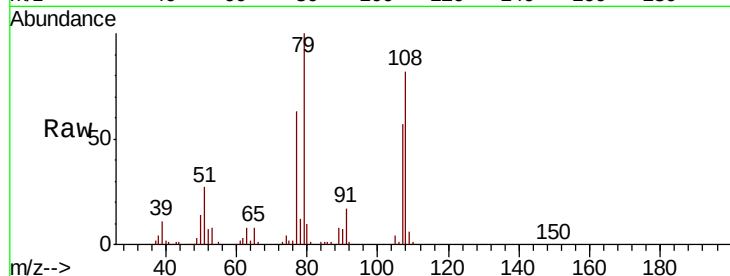
Tot Ion: 79 Resp: 109740

Ion Ratio Lower Upper

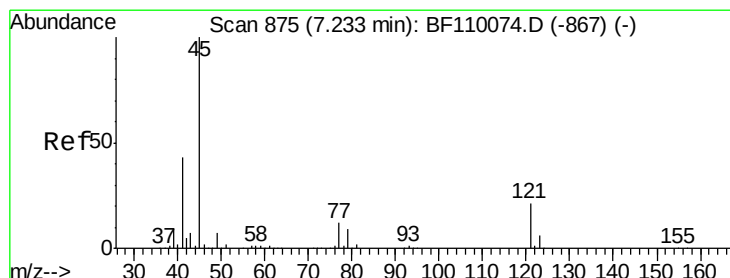
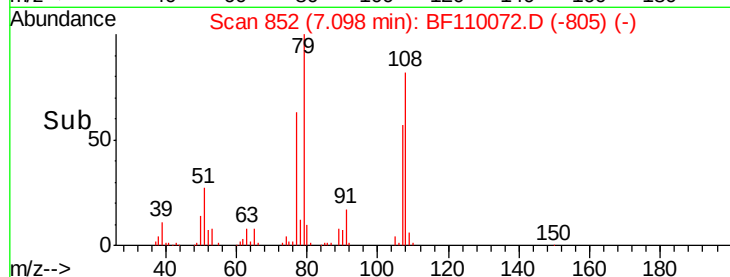
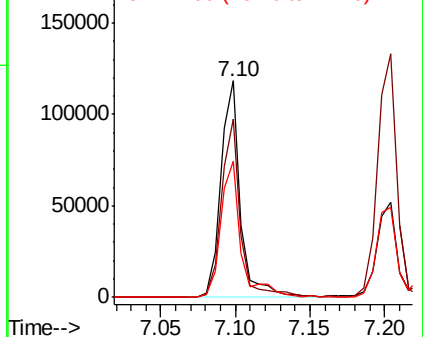
79 100

108 82.2 56.3 84.5

77 62.6 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: 10.234 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.02 min

Lab File: BF110072.D

Acq: 23 Oct 2018 11:46

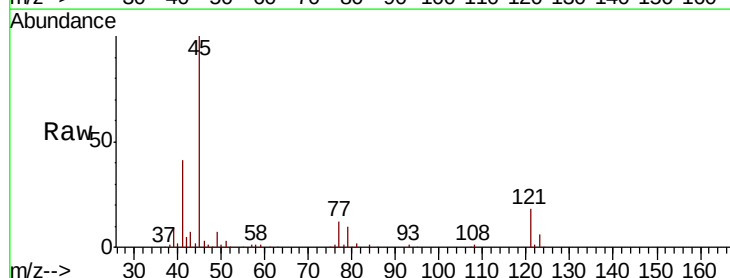
Tgt Ion: 45 Resp: 204451

Ion Ratio Lower Upper

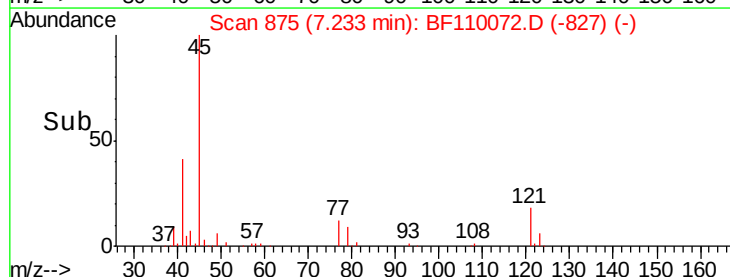
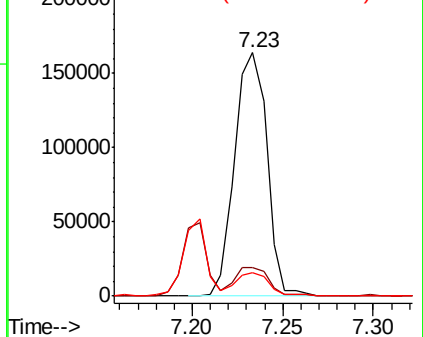
45 100

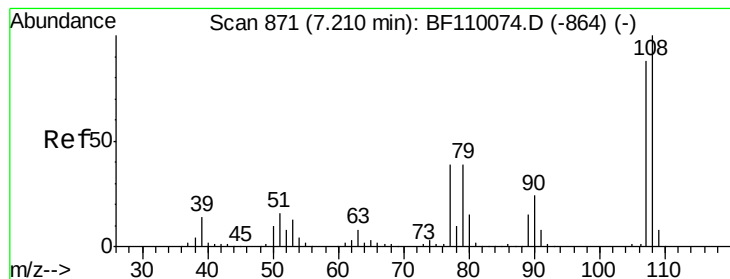
77 12.0 10.0 50.0

79 9.6 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

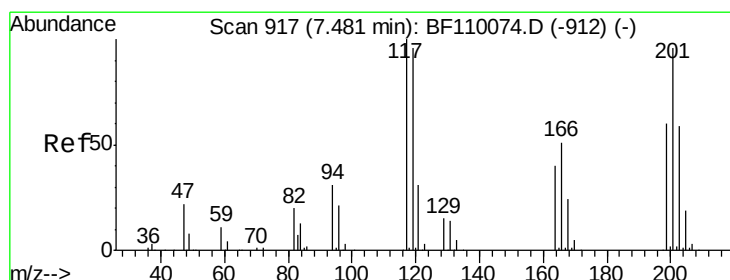
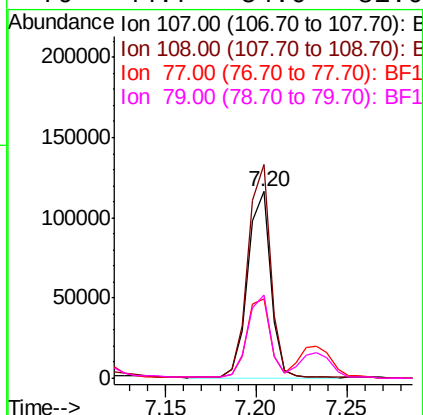
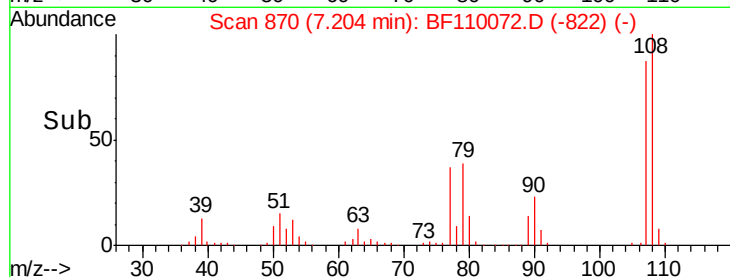
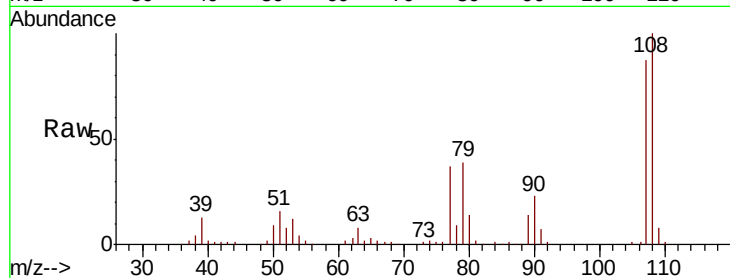




#17
2-Methylphenol
Concen: 10.611 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.02 min
Lab File: BF110072.D
Acq: 23 Oct 2018 11:46

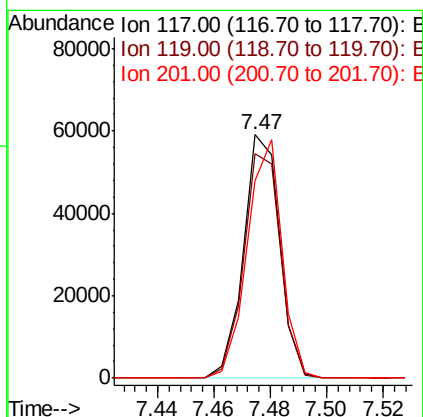
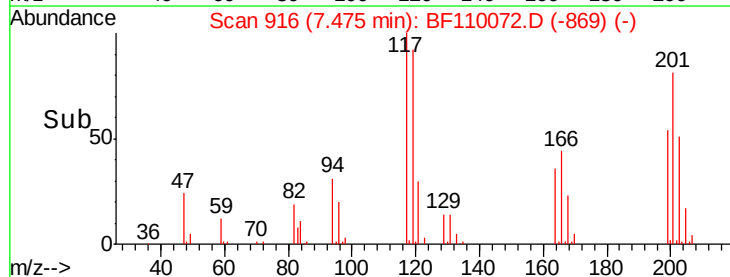
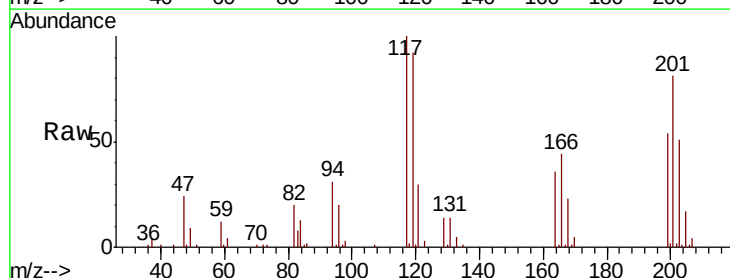
Instrument :
BNA_F
ClientSampleId :

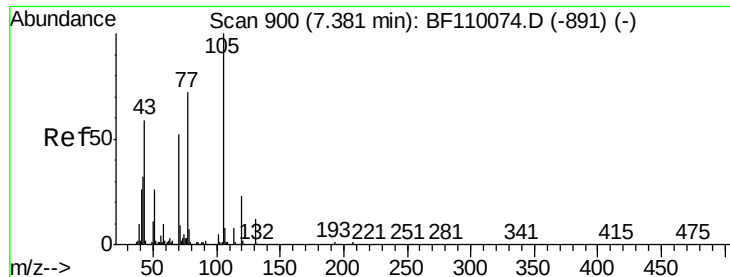
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.6	92.6	138.8
77	42.3	59.4	89.2
79	44.7	54.0	81.0



#18
Hexachloroethane
Concen: 11.059 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF110072.D
Acq: 23 Oct 2018 11:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.4	75.0	112.6
201	81.3	79.2	118.8

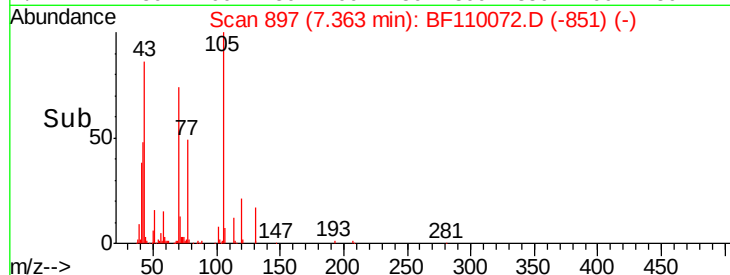
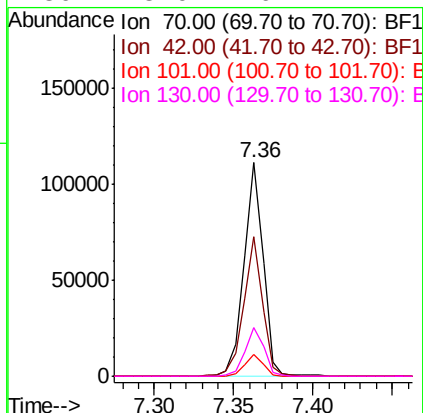
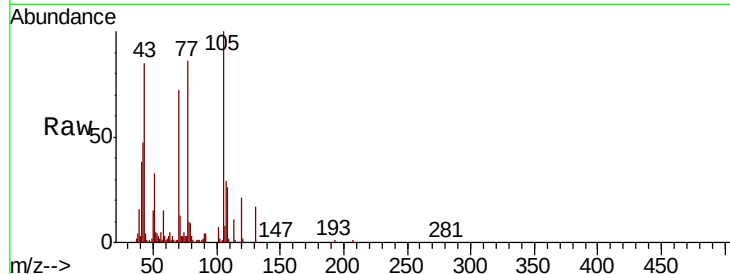




#19
n-Nitroso-di-n-propylamine
Concen: 10.724 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.03 min
Lab File: BF110072.D
Acq: 23 Oct 2018 11:46

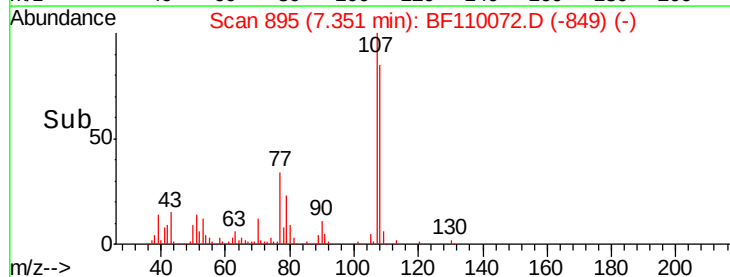
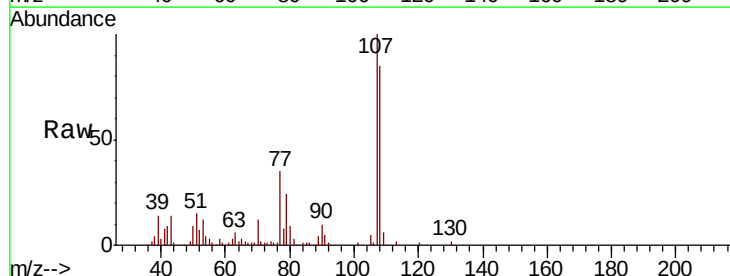
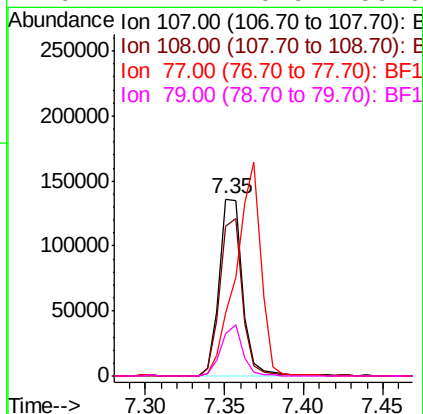
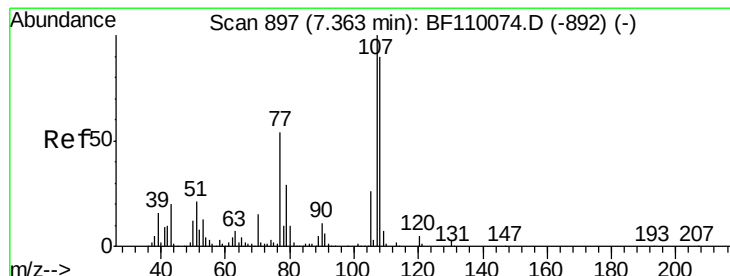
Instrument :
BNA_F
ClientSampleId :

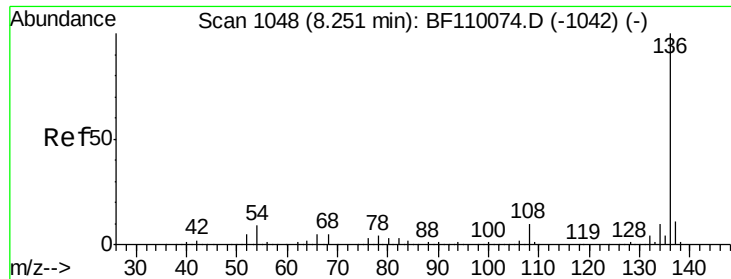
Tot Ion:	70	Resp:	92839
Ion	Ratio	Lower	Upper
70	100		
42	65.1	47.4	71.2
101	10.2	7.3	10.9
130	23.0	16.2	24.2



#20
3+4-Methylphenols
Concen: 11.208 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.03 min
Lab File: BF110072.D
Acq: 23 Oct 2018 11:46

Tgt Ion:	107	Resp:	139487
Ion	Ratio	Lower	Upper
107	100		
108	84.9	71.4	111.4
77	35.3	47.3	87.3#
79	24.2	10.9	50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.02 min

Lab File: BF110072.D

Acq: 23 Oct 2018 11:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 742850

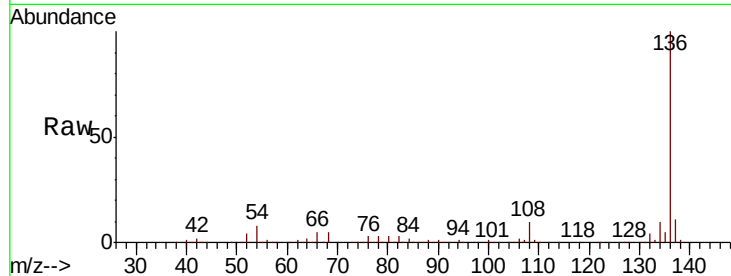
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 7.7 5.4 8.2

68 5.4 4.2 6.2

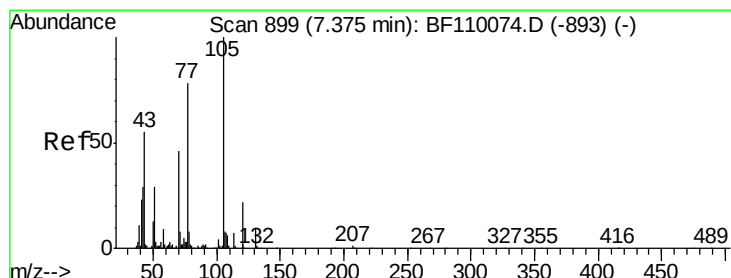
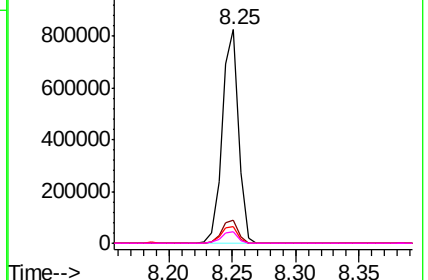
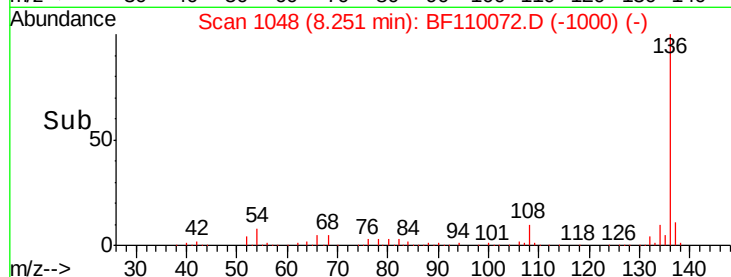


Abundance Ion 136.00 (135.70 to 136.70): E

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: 10.904 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.02 min

Lab File: BF110072.D

Acq: 23 Oct 2018 11:46

Tgt Ion:105 Resp: 187846

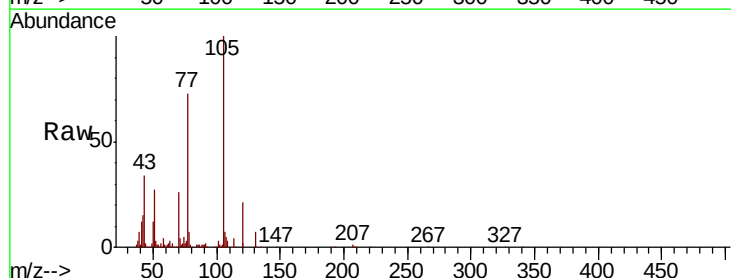
Ion Ratio Lower Upper

105 100

71 4.4 5.2 7.8#

51 27.4 21.8 32.8

120 21.4 17.0 25.4

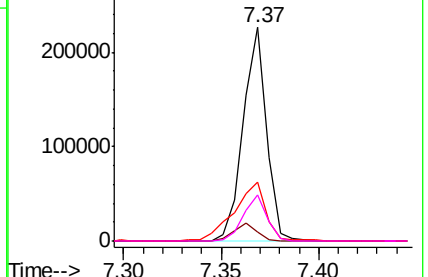
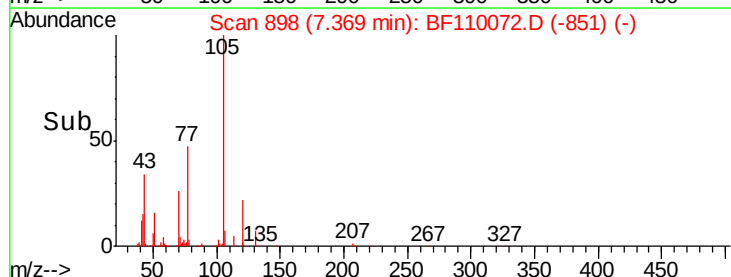


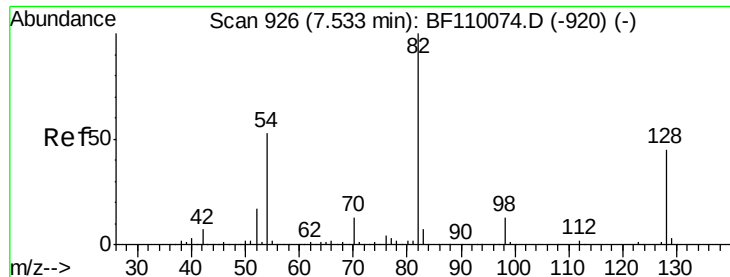
Abundance Ion 105.00 (104.70 to 105.70): E

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

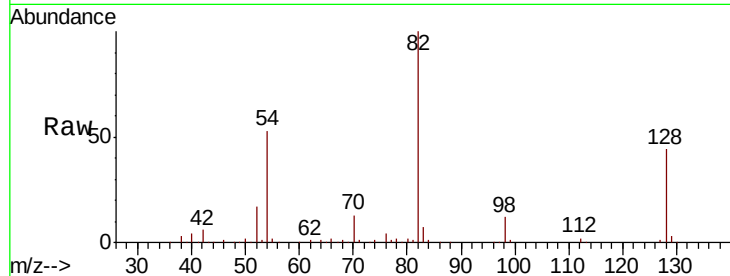




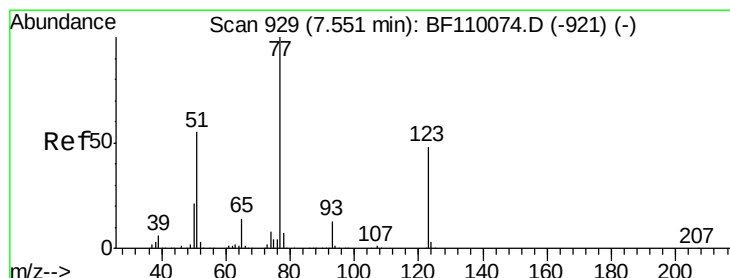
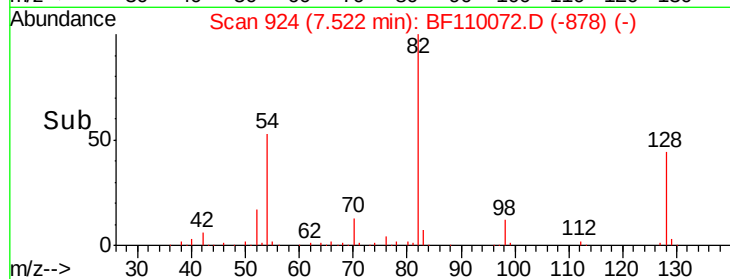
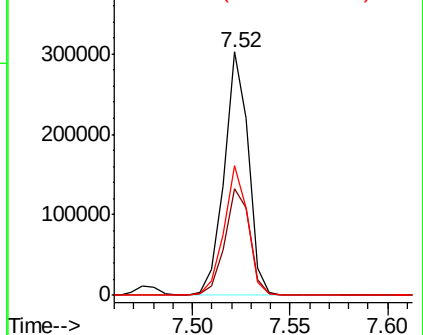
#23
 Nitrobenzene-d5
 Concen: 23.517 ng
 RT: 7.52 min Scan# 924
 Delta R.T. -0.03 min
 Lab File: BF110072.D
 Acq: 23 Oct 2018 11:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	259328
Ion Ratio	Lower	Upper	
82	100		
128	43.9	34.2	51.2
54	53.3	38.6	58.0

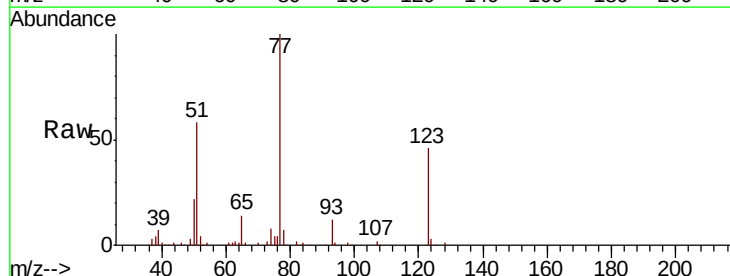


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

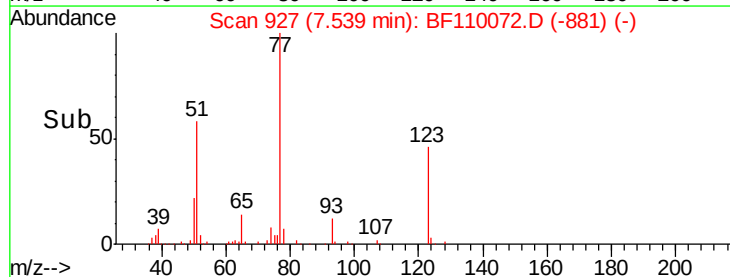
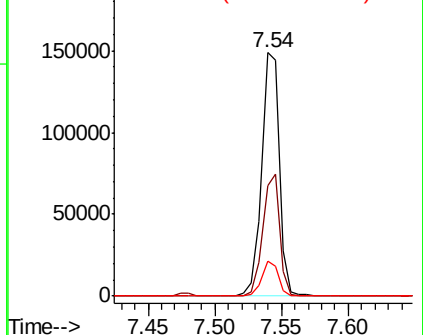


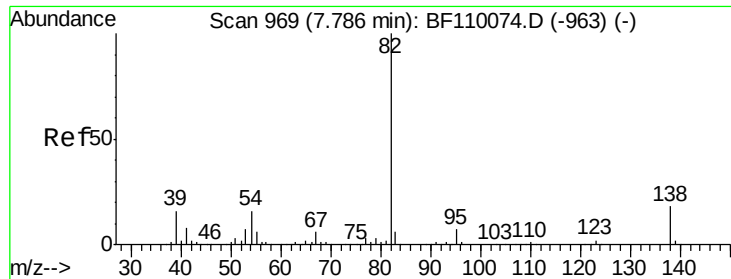
#24
 Nitrobenzene
 Concen: 11.308 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.03 min
 Lab File: BF110072.D
 Acq: 23 Oct 2018 11:46

Tgt Ion	77	Resp	135468
Ion Ratio	Lower	Upper	
77	100		
123	45.6	35.7	53.5
65	14.1	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: 10.106 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.02 min

Lab File: BF110072.D

Acq: 23 Oct 2018 11:46

Instrument :

BNA_F

ClientSampleId :

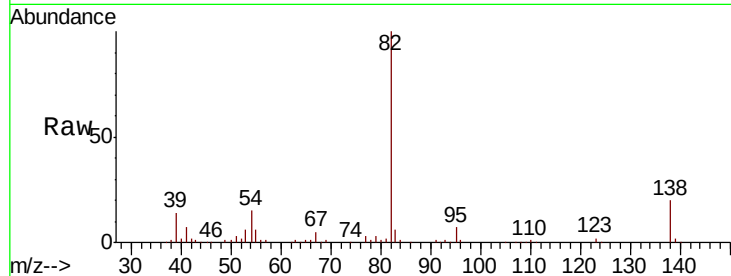
Tot Ion: 82 Resp: 218981

Ion Ratio Lower Upper

82 100

95 6.8 5.7 8.5

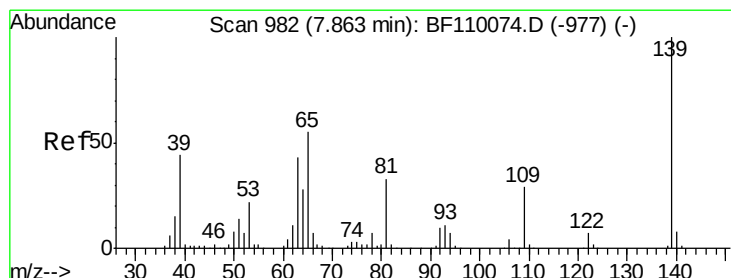
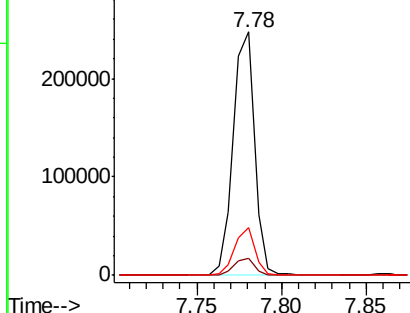
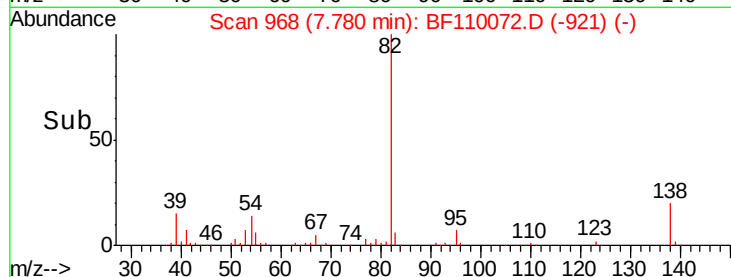
138 19.7 13.2 19.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 12.011 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.02 min

Lab File: BF110072.D

Acq: 23 Oct 2018 11:46

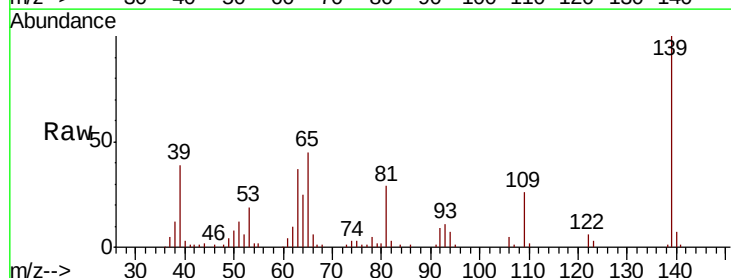
Tgt Ion: 139 Resp: 59657

Ion Ratio Lower Upper

139 100

109 26.5 25.0 37.6

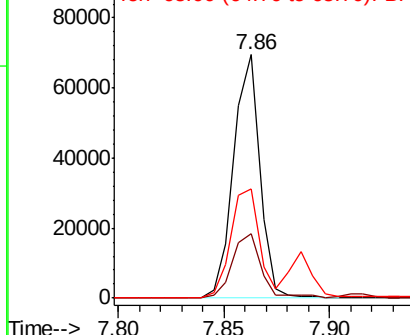
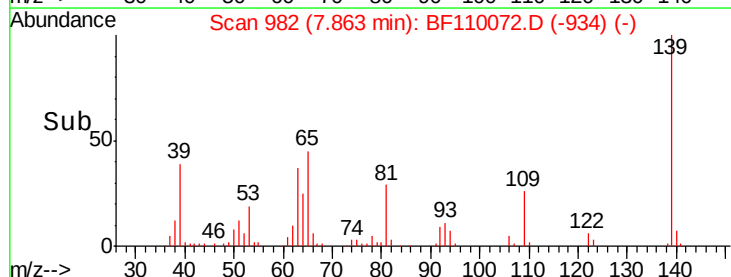
65 44.9 44.0 66.0

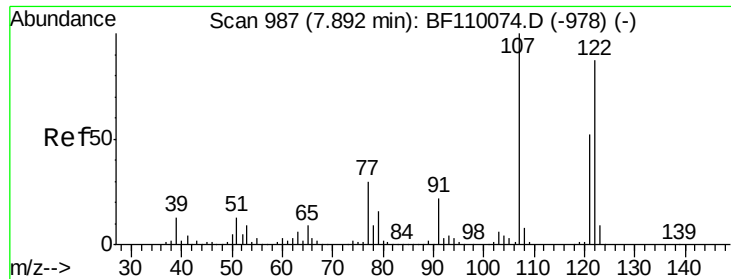


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

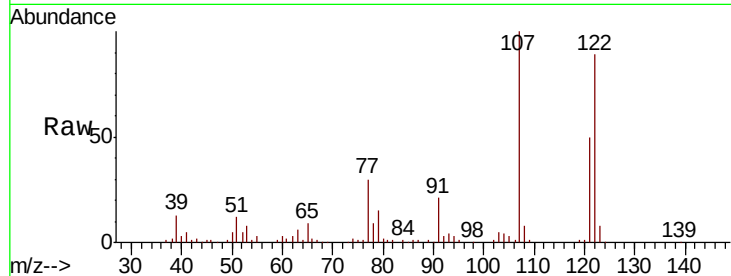




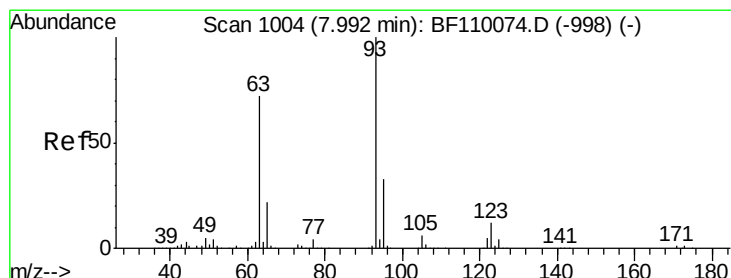
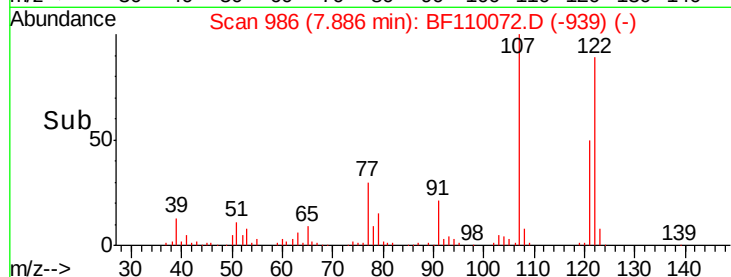
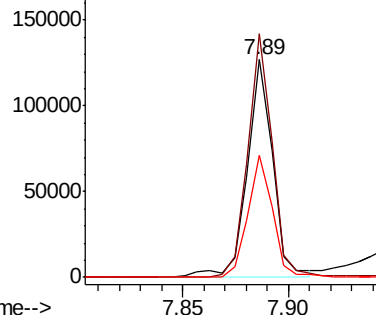
#27
2,4-Dimethylphenol
Concen: 10.239 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.02 min
Lab File: BF110072.D
Acq: 23 Oct 2018 11:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 106861
Ion Ratio Lower Upper
122 100
107 111.8 92.5 138.7
121 56.3 45.8 68.8

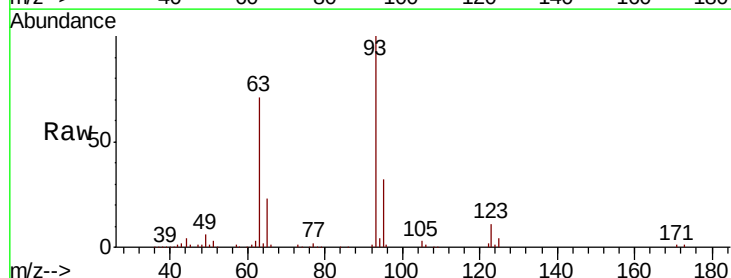


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

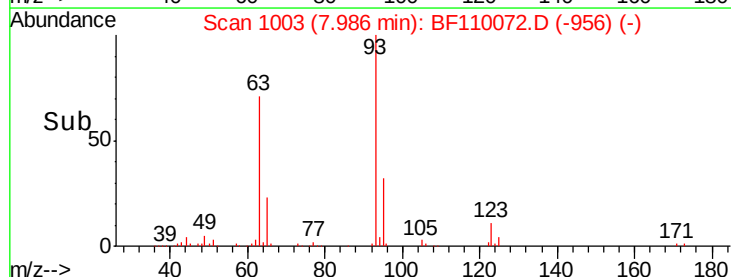
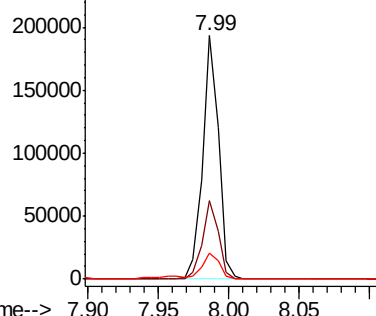


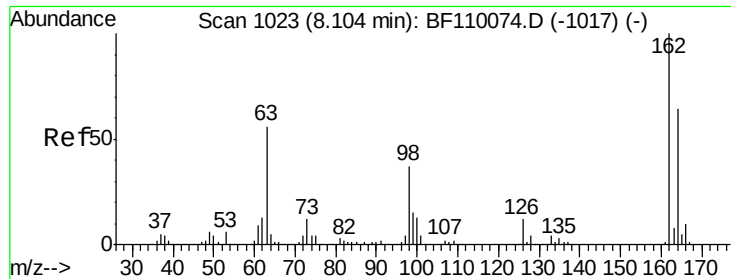
#28
bis(2-Chloroethoxy)methane
Concen: 10.227 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BF110072.D
Acq: 23 Oct 2018 11:46

Tgt Ion: 93 Resp: 152086
Ion Ratio Lower Upper
93 100
95 32.4 26.4 39.6
123 10.7 9.0 13.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

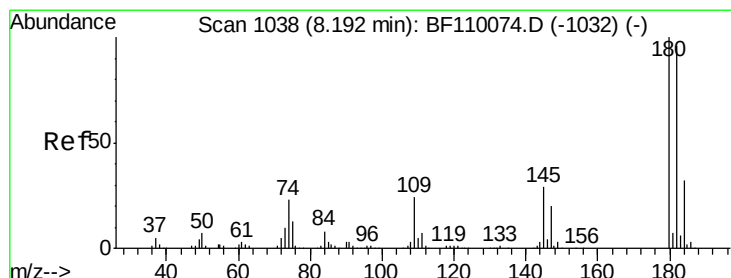
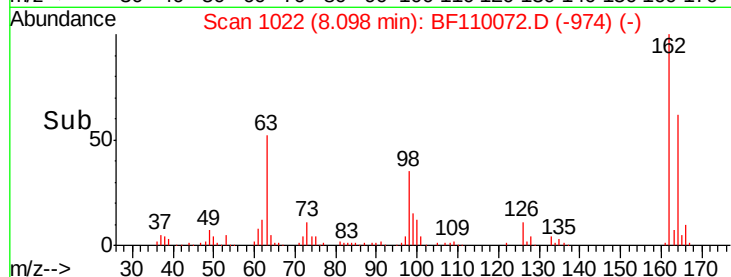
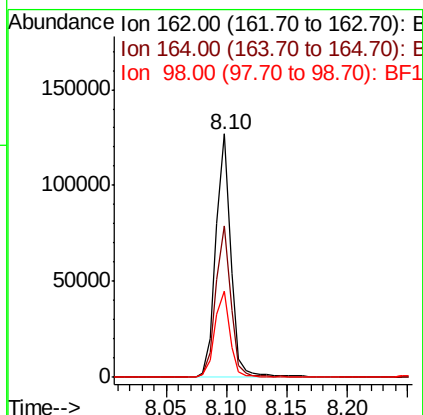
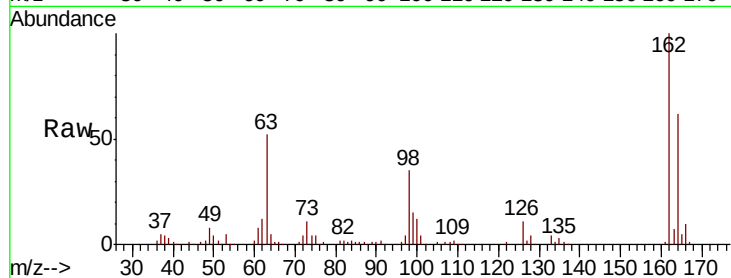




#29
 2,4-Dichlorophenol
 Concen: 10.692 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.02 min
 Lab File: BF110072.D
 Acq: 23 Oct 2018 11:46

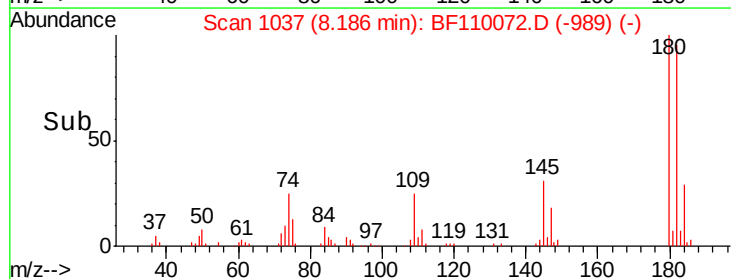
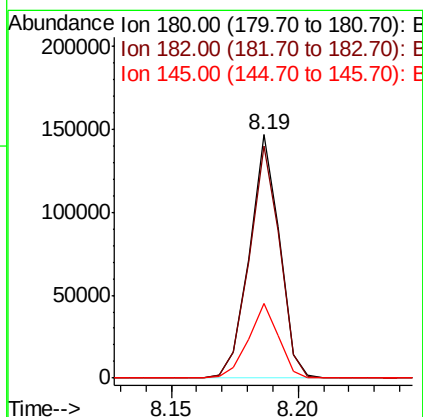
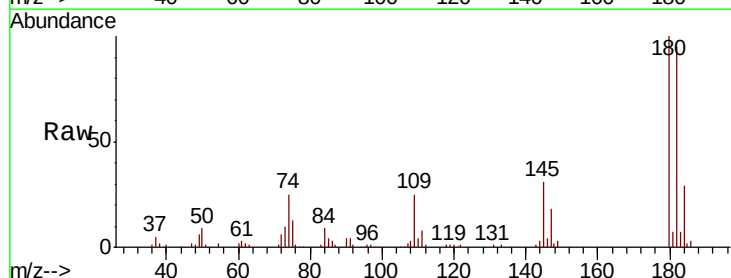
Instrument :
 BNA_F
 ClientSampleId :

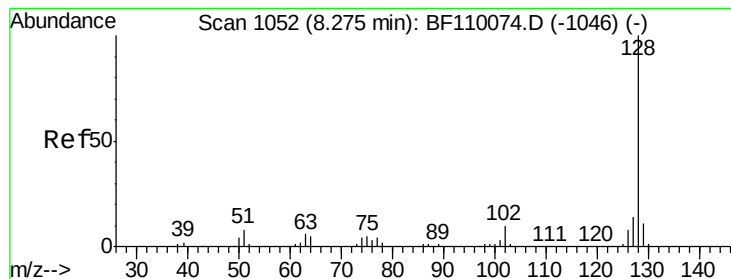
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.2	44.6	84.6
98	35.4	17.4	57.4



#30
 1,2,4-Trichlorobenzene
 Concen: 10.687 ng
 RT: 8.19 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF110072.D
 Acq: 23 Oct 2018 11:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	80.3	120.5
145	30.5	25.4	38.0





#31

Naphthalene

Concen: 11.021 ng

RT: 8.27 min Scan# 1051

Delta R.T. -0.02 min

Lab File: BF110072.D

Acq: 23 Oct 2018 11:46

Instrument :

BNA_F

ClientSampleId :

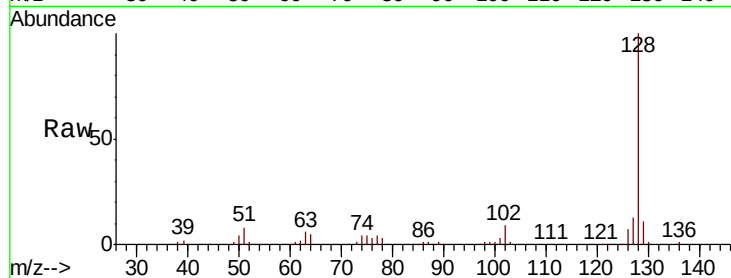
Tot Ion:128 Resp: 375440

Ion Ratio Lower Upper

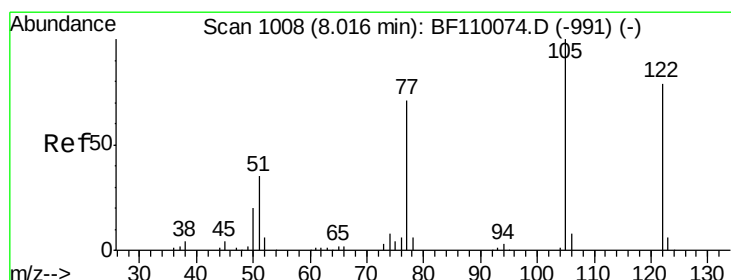
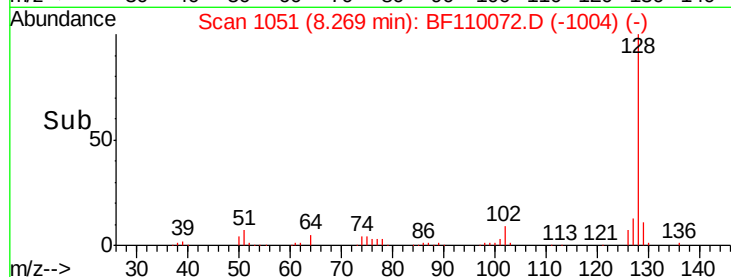
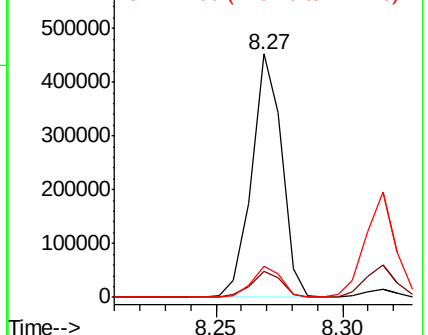
128 100

129 10.8 8.8 13.2

127 13.0 10.8 16.2



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



#32

Benzoic acid

Concen: 9.555 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.05 min

Lab File: BF110072.D

Acq: 23 Oct 2018 11:46

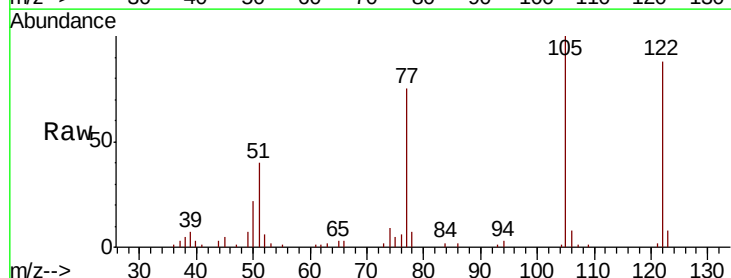
Tgt Ion:122 Resp: 62133

Ion Ratio Lower Upper

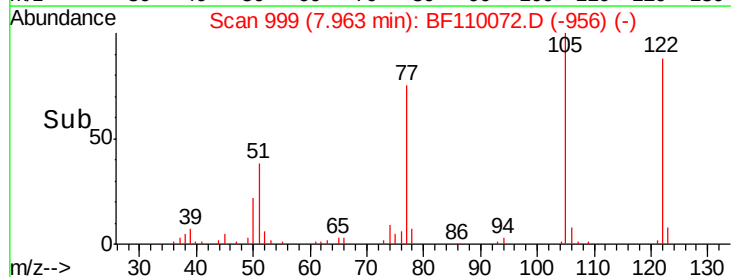
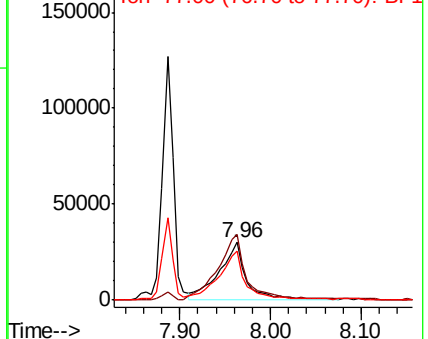
122 100

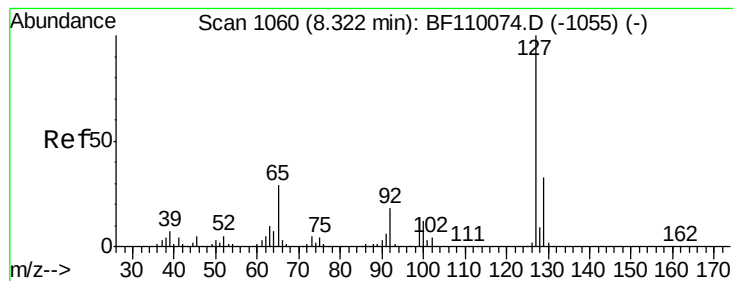
105 113.5 109.0 149.0

77 85.6 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: 10.789 ng

RT: 8.32 min Scan# 1059

Delta R.T. -0.02 min

Lab File: BF110072.D

Acq: 23 Oct 2018 11:46

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 165204

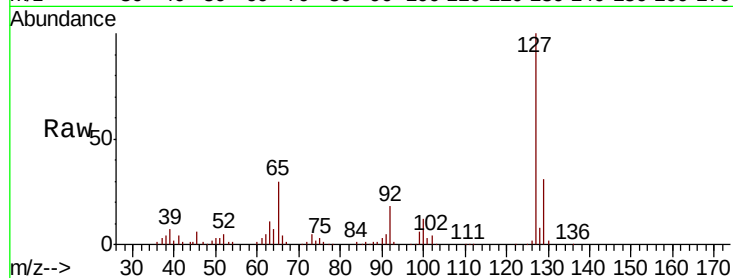
Ion Ratio Lower Upper

127 100

129 31.2 26.0 39.0

65 29.9 25.1 37.7

92 18.0 15.0 22.6

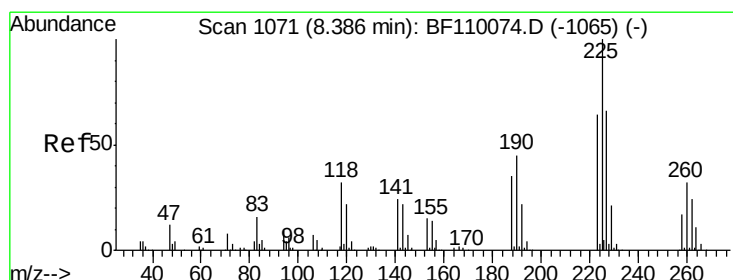
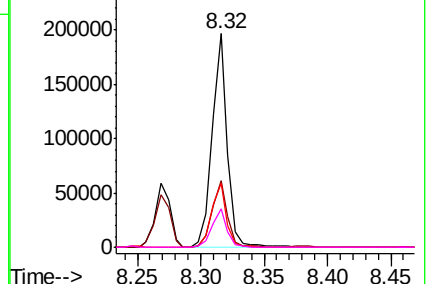
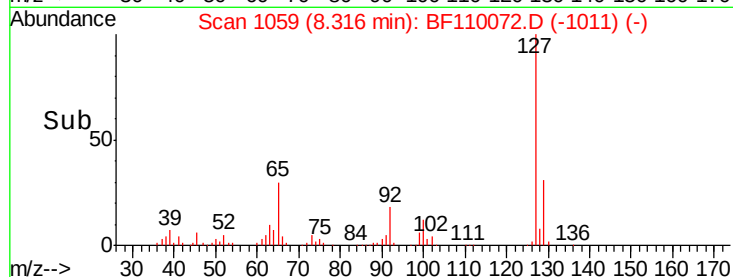


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 10.905 ng

RT: 8.38 min Scan# 1070

Delta R.T. -0.02 min

Lab File: BF110072.D

Acq: 23 Oct 2018 11:46

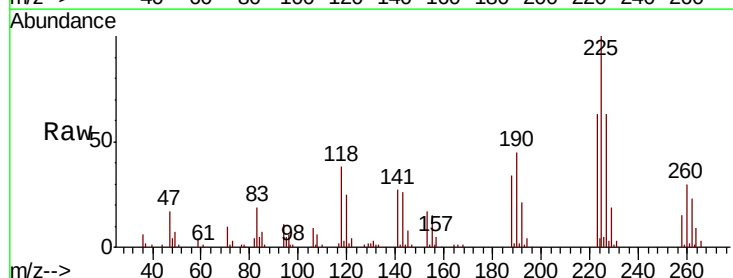
Tgt Ion:225 Resp: 68169

Ion Ratio Lower Upper

225 100

223 63.2 51.4 77.2

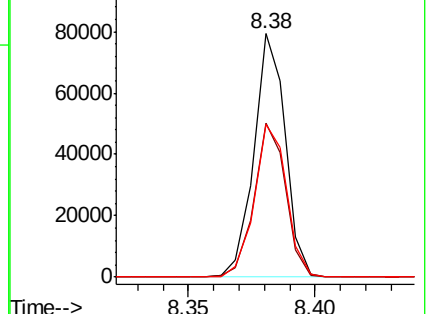
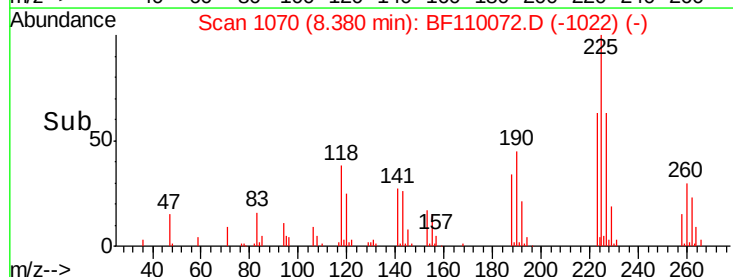
227 62.9 51.0 76.6

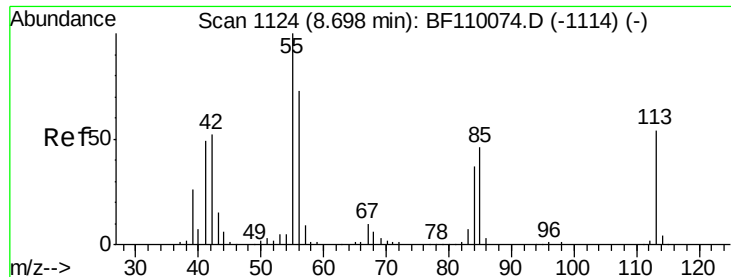


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

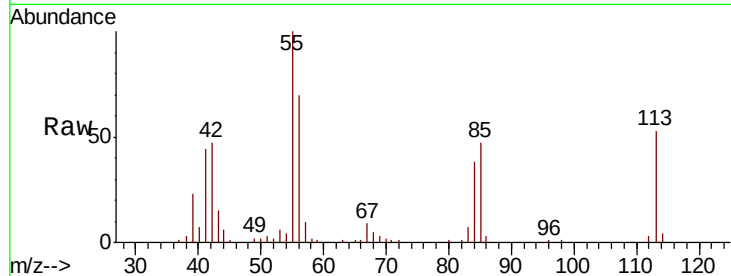




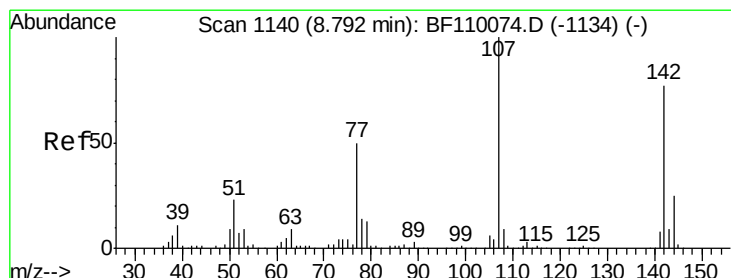
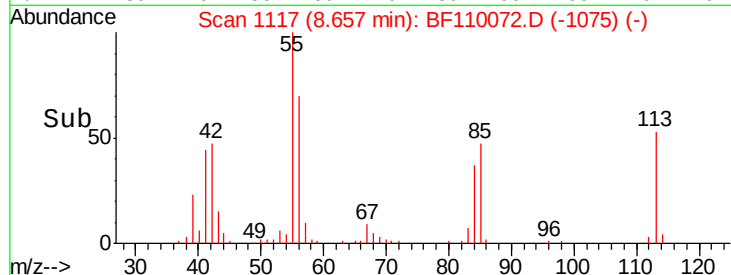
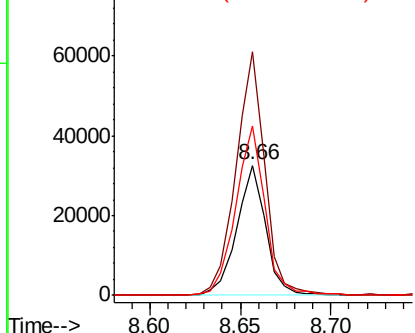
#35
 Caprolactam
 Concen: 9.988 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. -0.05 min
 Lab File: BF110072.D
 Acq: 23 Oct 2018 11:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 35912
 Ion Ratio Lower Upper
 113 100
 55 187.7 142.8 182.8#
 56 130.8 105.0 145.0

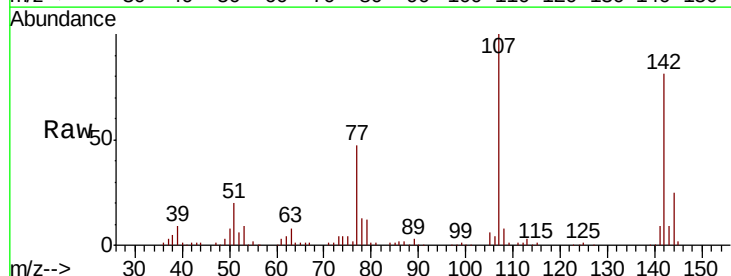


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

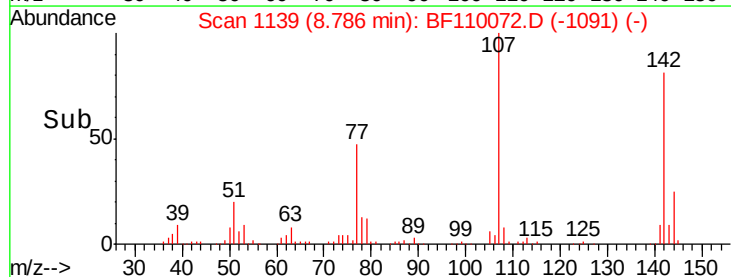
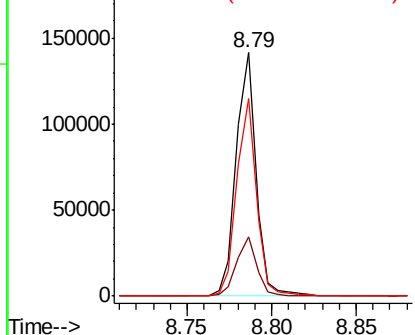


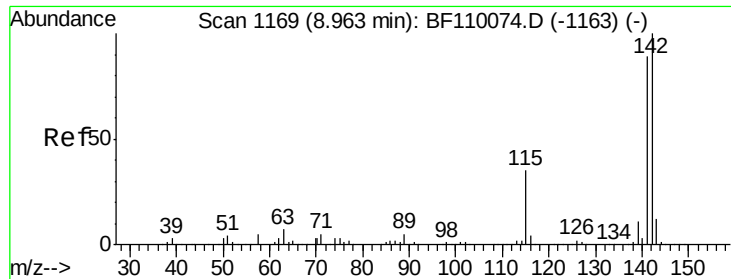
#36
 4-Chloro-3-methylphenol
 Concen: 10.887 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. -0.02 min
 Lab File: BF110072.D
 Acq: 23 Oct 2018 11:46

Tgt Ion:107 Resp: 116277
 Ion Ratio Lower Upper
 107 100
 144 24.6 20.0 30.0
 142 81.0 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

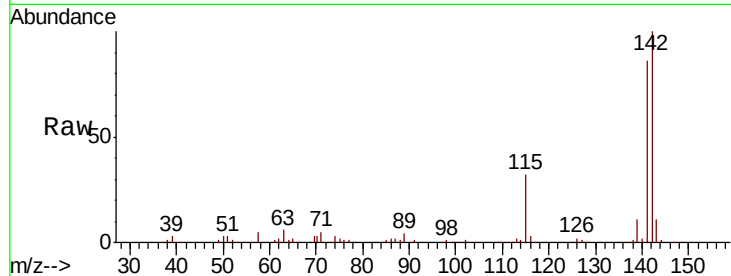




#37
2-Methylnaphthalene
Concen: 11.143 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.02 min
Lab File: BF110072.D
Acq: 23 Oct 2018 11:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	85.7	71.4	107.2
115	31.8	28.7	43.1

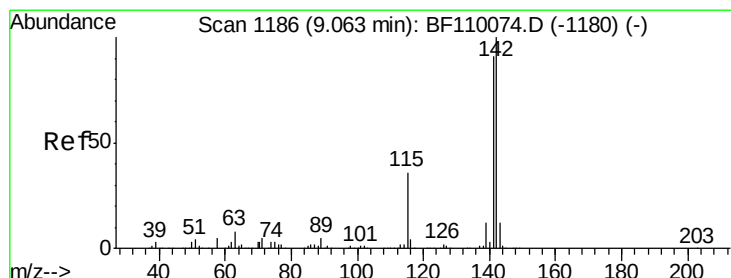
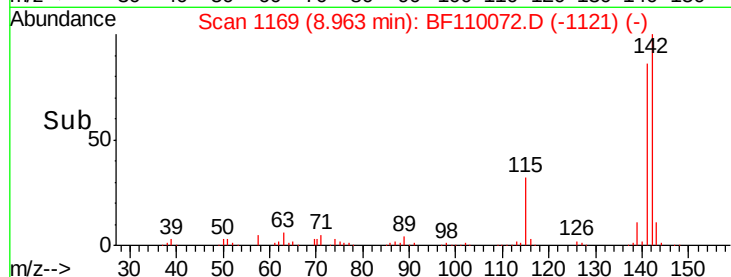
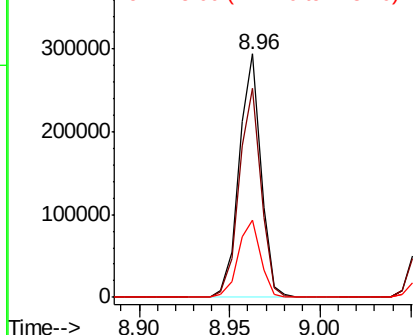


Abundance

Ion 142.00 (141.70 to 142.70): E

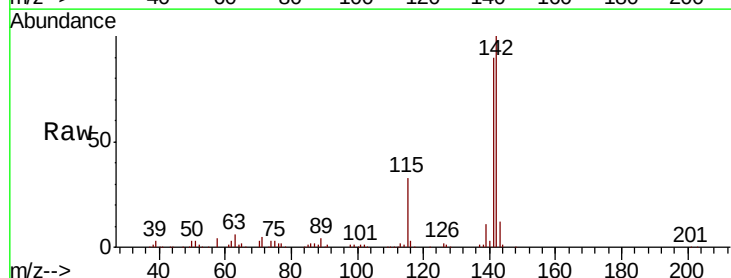
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 11.004 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BF110072.D
Acq: 23 Oct 2018 11:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.1	74.2	111.4
116	3.5	2.6	4.0

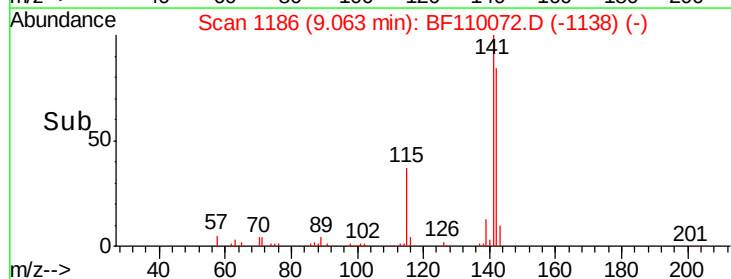
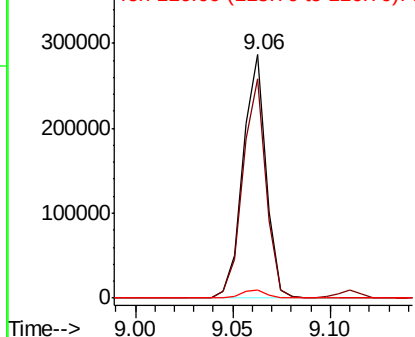


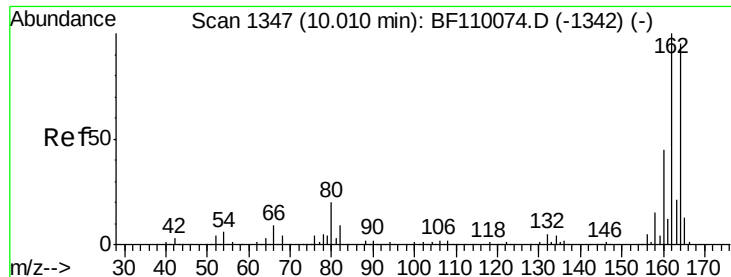
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.02 min

Lab File: BF110072.D

Acq: 23 Oct 2018 11:46

Instrument :

BNA_F

ClientSampleId :

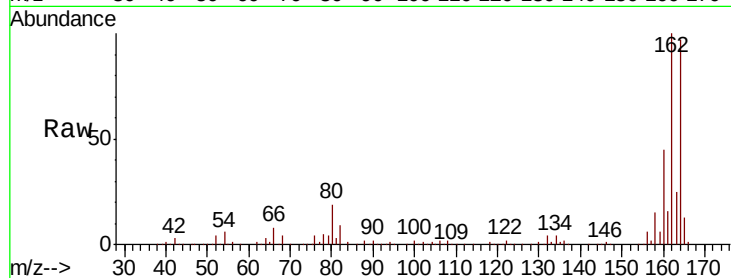
Tot Ion:164 Resp: 355489

Ion Ratio Lower Upper

164 100

162 102.9 83.0 124.6

160 46.0 37.0 55.6

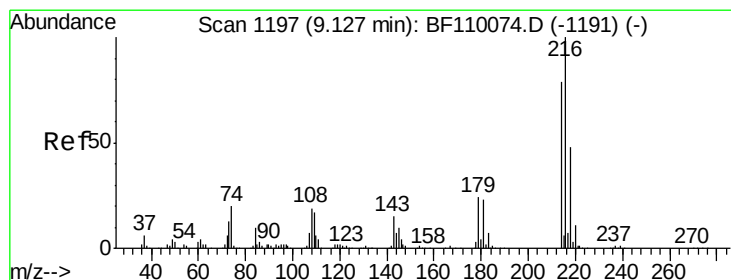
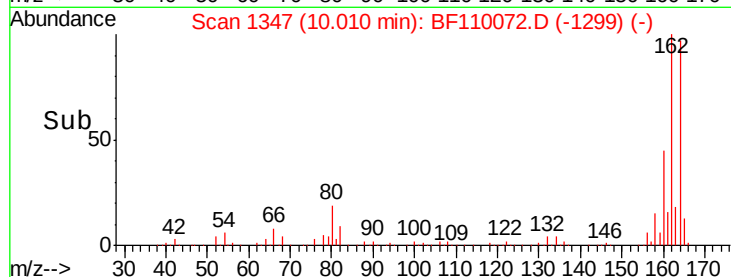
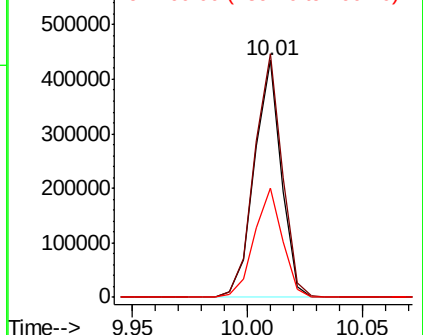


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.917 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.02 min

Lab File: BF110072.D

Acq: 23 Oct 2018 11:46

Tgt Ion:216 Resp: 119530

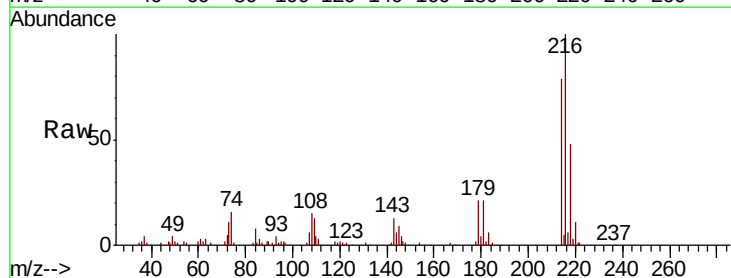
Ion Ratio Lower Upper

216 100

214 80.1 63.8 95.6

179 22.3 16.6 25.0

108 19.3 15.1 22.7



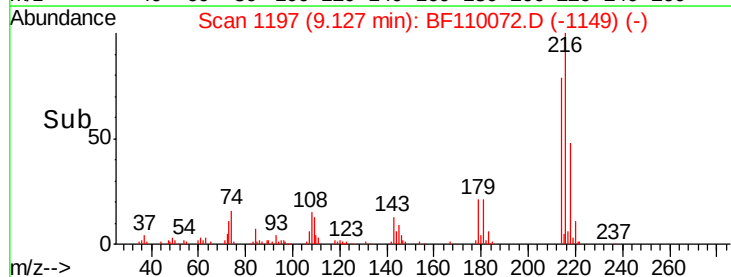
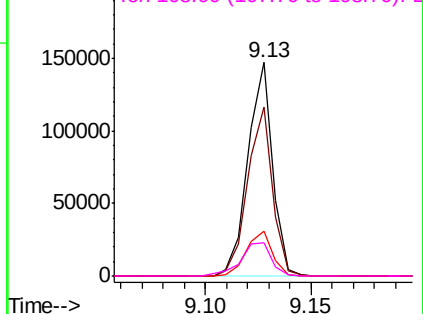
Abundance

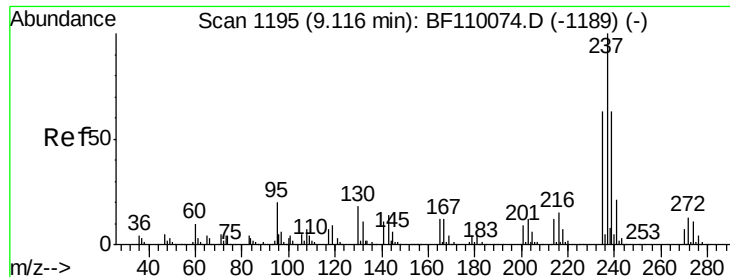
Ion 216.00 (215.70 to 216.70): E

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

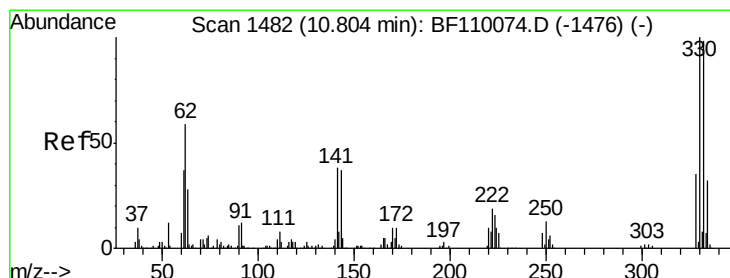
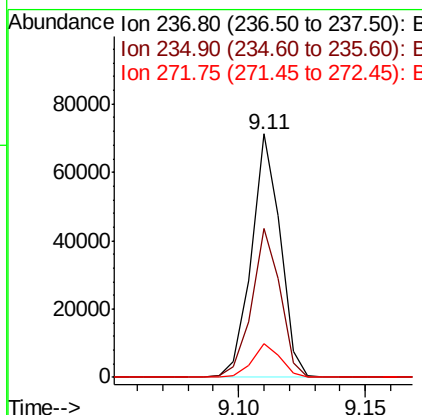
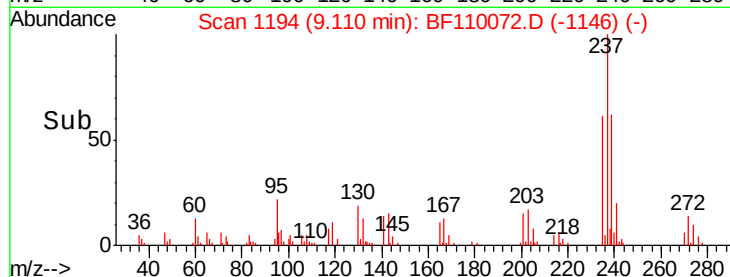
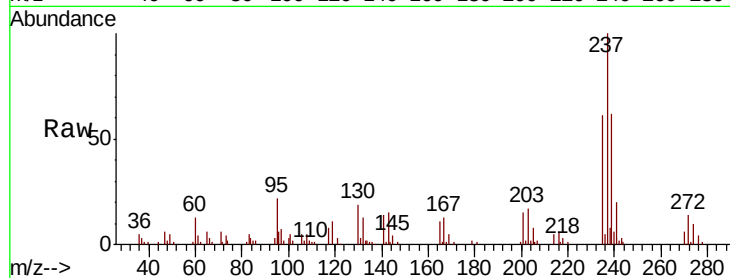




#41
Hexachlorocyclopentadiene
Concen: 10.674 ng
RT: 9.11 min Scan# 1194
Delta R.T. -0.02 min
Lab File: BF110072.D
Acq: 23 Oct 2018 11:46

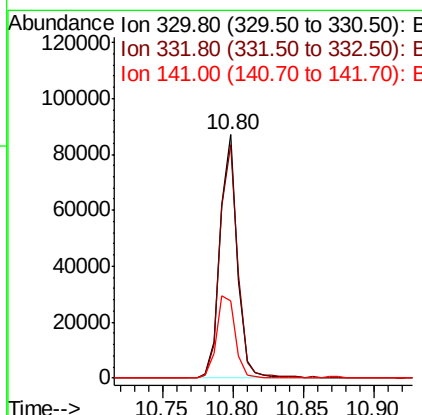
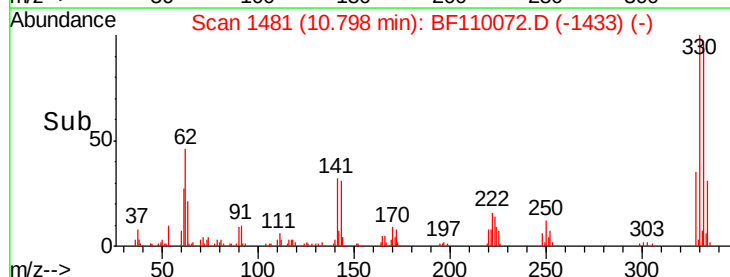
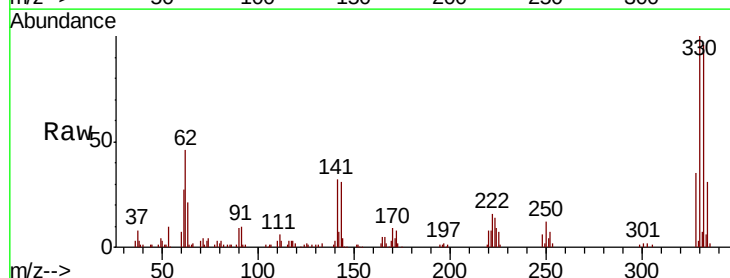
Instrument :
BNA_F
ClientSampleId :

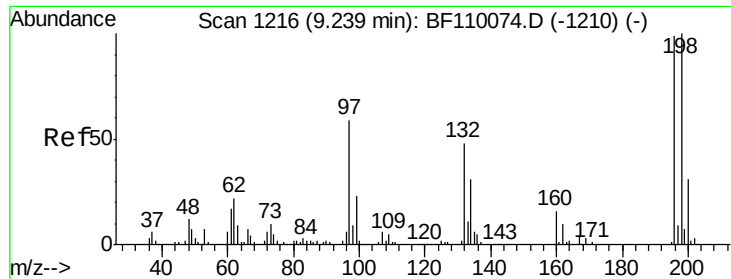
Tot Ion	Ratio	Lower	Upper
237	100		
235	61.2	43.1	83.1
272	13.7	0.0	32.6



#42
2,4,6-Tribromophenol
Concen: 24.077 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BF110072.D
Acq: 23 Oct 2018 11:46

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.1	115.7
141	36.8	27.0	40.4

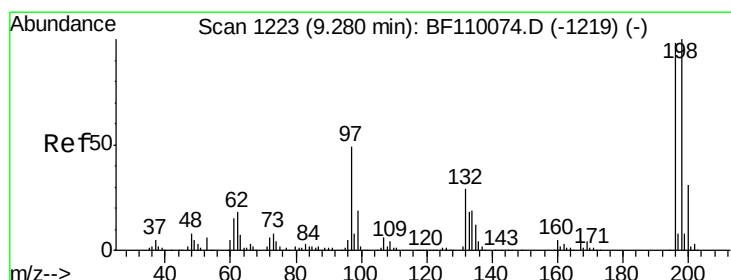
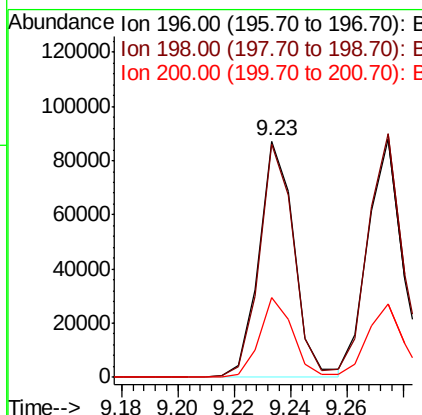
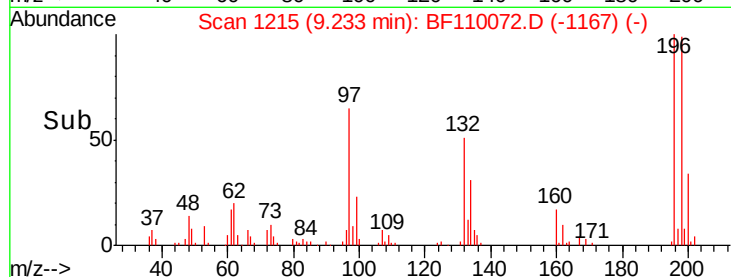
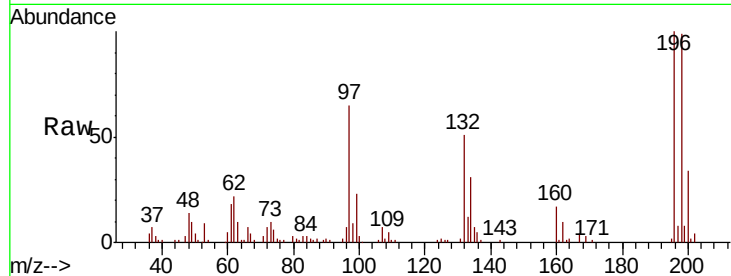




#43
 2,4,6-Trichlorophenol
 Concen: 11.044 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.02 min
 Lab File: BF110072.D
 Acq: 23 Oct 2018 11:46

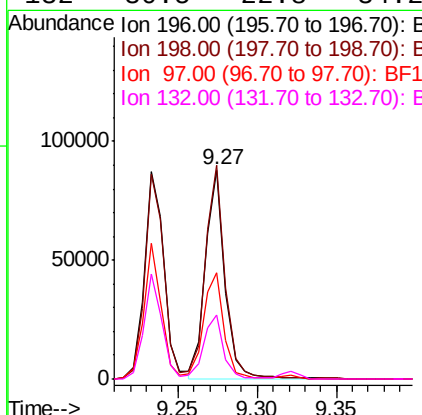
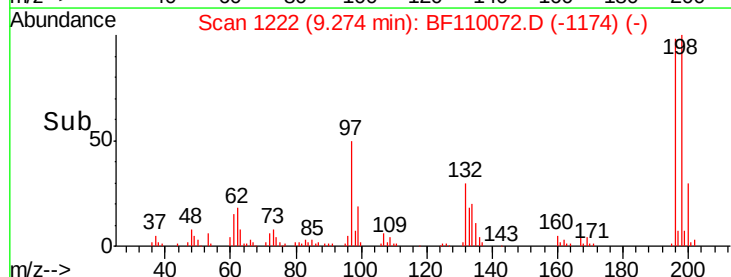
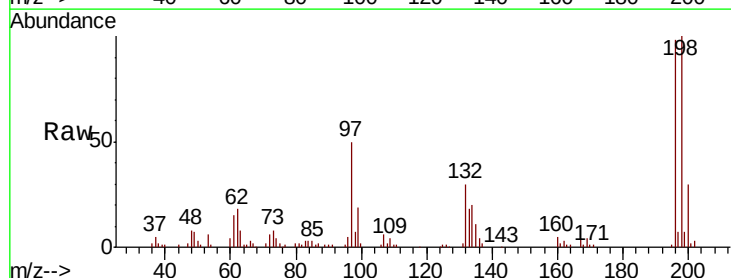
Instrument :
 BNA_F
 ClientSampleId :

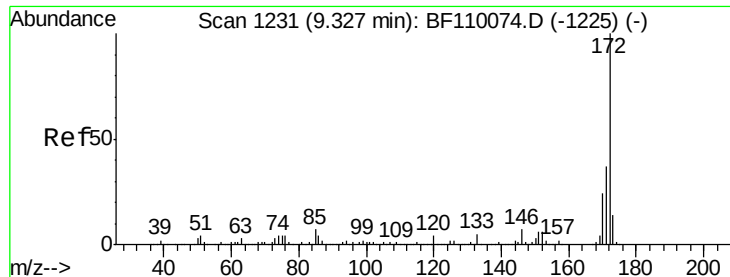
Tot Ion:196 Resp: 75612
 Ion Ratio Lower Upper
 196 100
 198 99.1 76.2 114.4
 200 33.6 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 10.834 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.02 min
 Lab File: BF110072.D
 Acq: 23 Oct 2018 11:46

Tgt Ion:196 Resp: 76987
 Ion Ratio Lower Upper
 196 100
 198 102.1 75.8 113.6
 97 50.7 42.4 63.6
 132 30.5 22.8 34.2

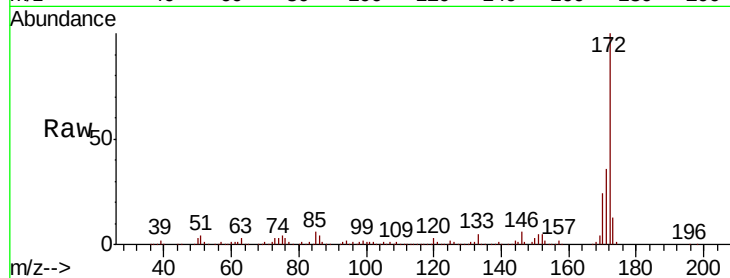




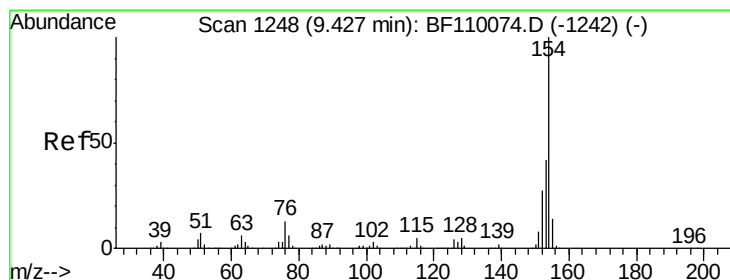
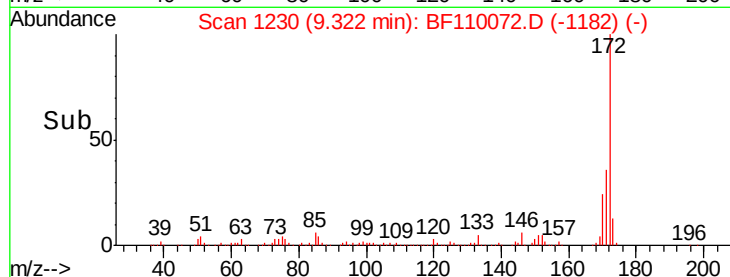
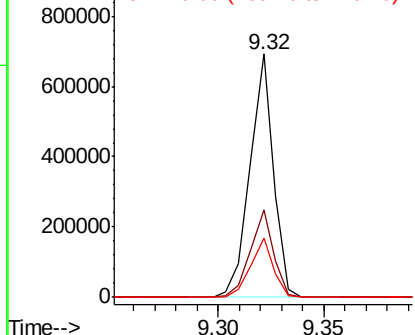
#45
2-Fluorobiphenyl
Concen: 24.079 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BF110072.D
Acq: 23 Oct 2018 11:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 536438
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 24.1 19.7 29.5

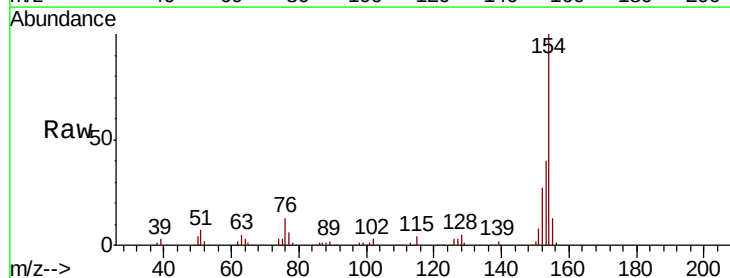


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

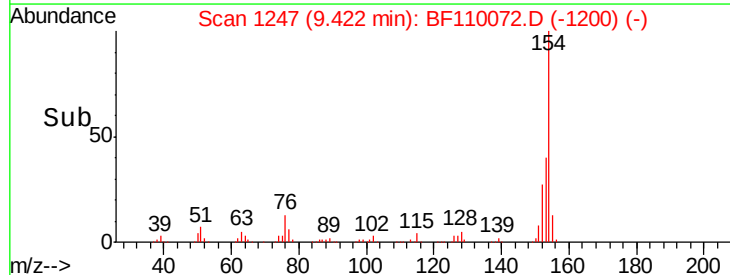
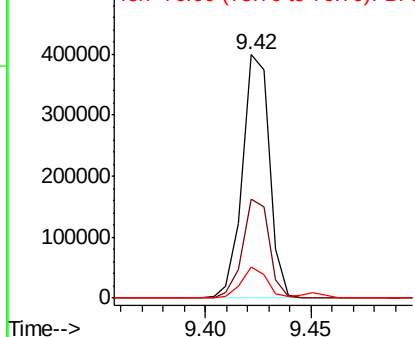


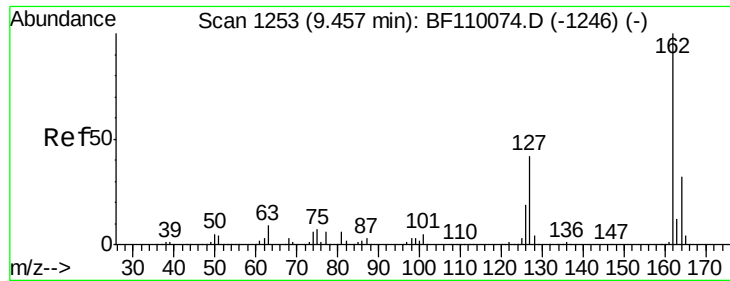
#46
1,1'-Biphenyl
Concen: 11.201 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BF110072.D
Acq: 23 Oct 2018 11:46

Tgt Ion:154 Resp: 354765
Ion Ratio Lower Upper
154 100
153 40.5 20.4 60.4
76 12.9 0.0 31.9



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

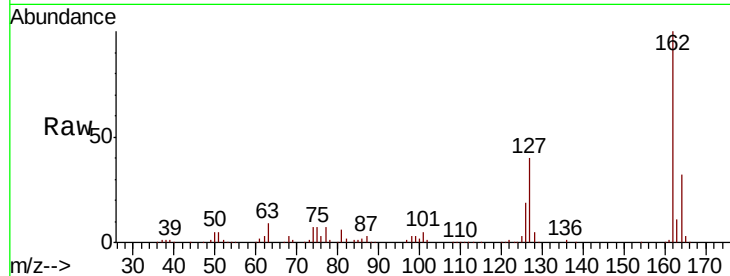




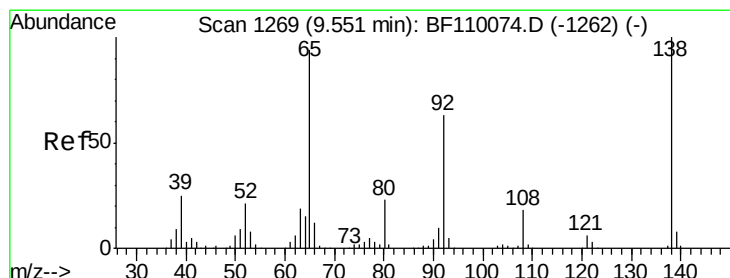
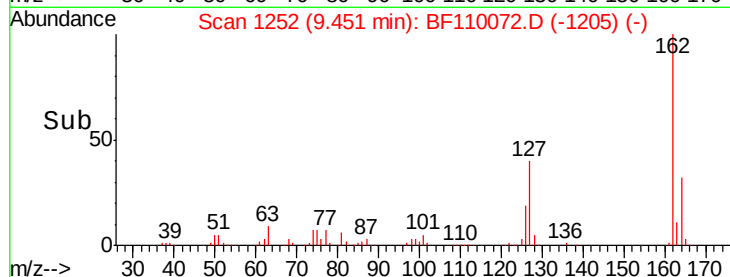
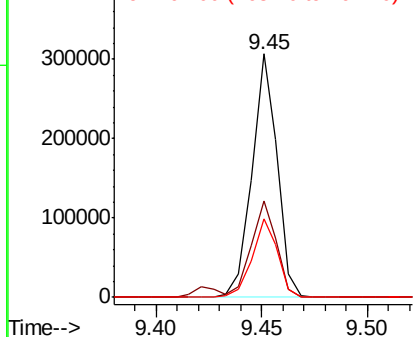
#47
 2-Chloronaphthalene
 Concen: 10.859 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.02 min
 Lab File: BF110072.D
 Acq: 23 Oct 2018 11:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.8	32.6	48.8
164	32.3	25.9	38.9

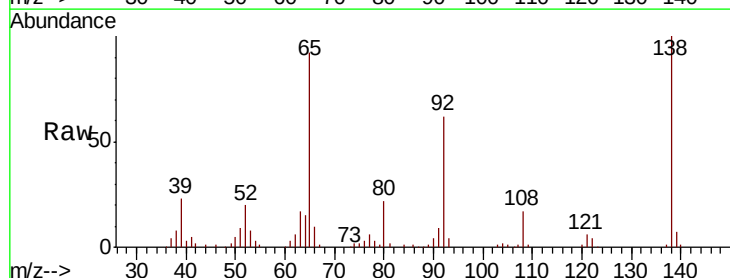


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

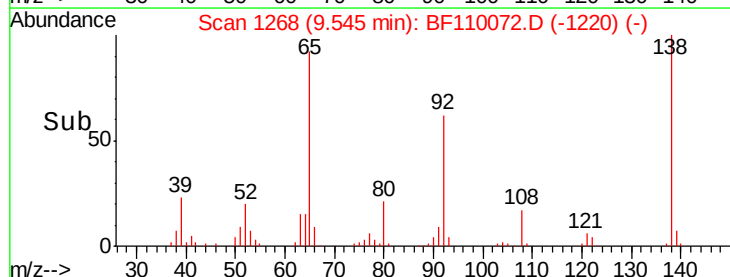
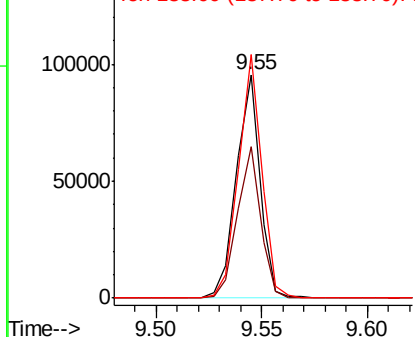


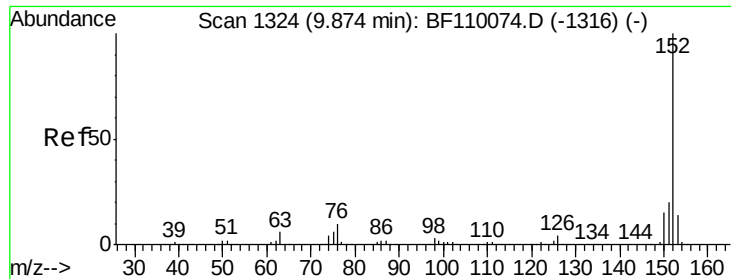
#48
 2-Nitroaniline
 Concen: 12.273 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. -0.02 min
 Lab File: BF110072.D
 Acq: 23 Oct 2018 11:46

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.0	54.6	81.8
138	109.0	80.3	120.5



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





#49

Acenaphthylene

Concen: 10.941 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF110072.D

Acq: 23 Oct 2018 11:46

Instrument :

BNA_F

ClientSampleId :

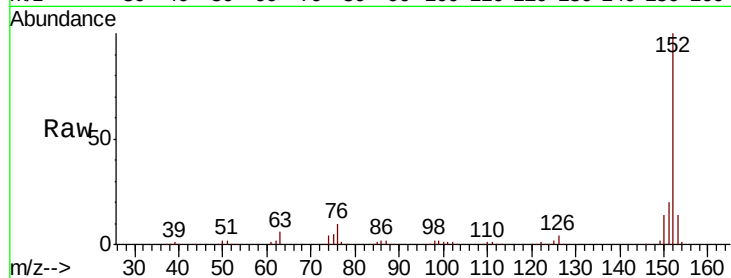
Tot Ion:152 Resp: 370806

Ion Ratio Lower Upper

152 100

151 20.3 15.8 23.8

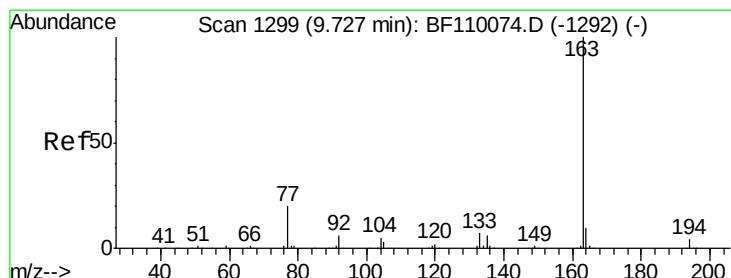
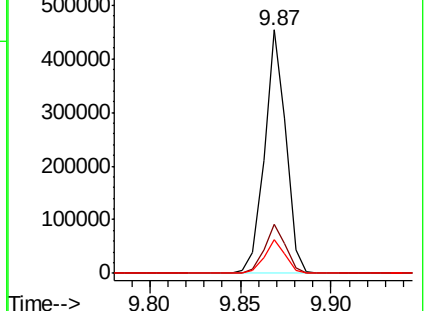
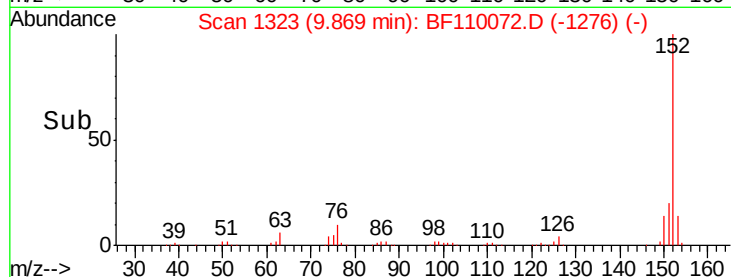
153 14.0 10.4 15.6



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: 11.077 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF110072.D

Acq: 23 Oct 2018 11:46

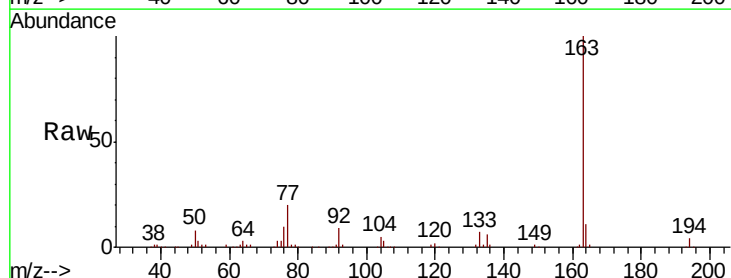
Tgt Ion:163 Resp: 278819

Ion Ratio Lower Upper

163 100

194 3.6 3.2 4.8

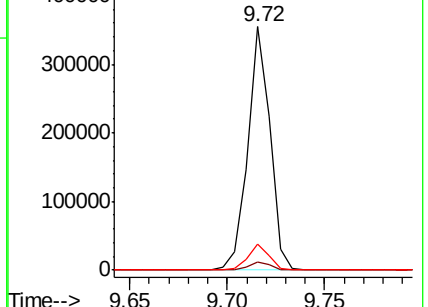
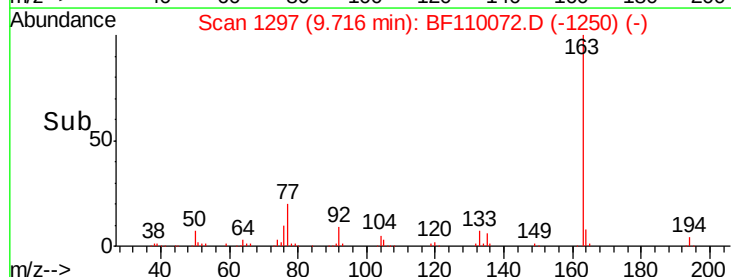
164 10.6 8.1 12.1

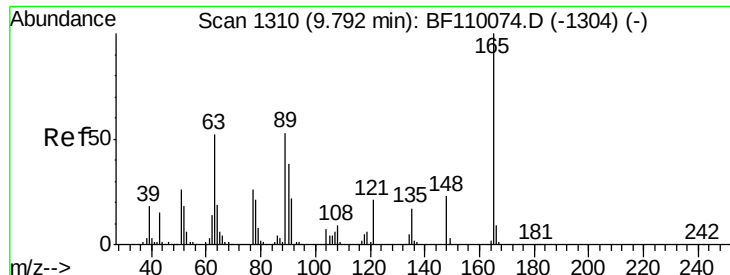


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

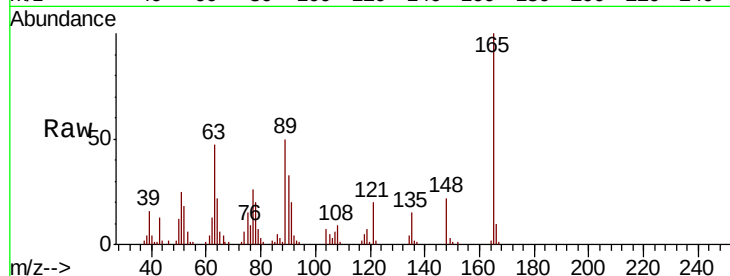




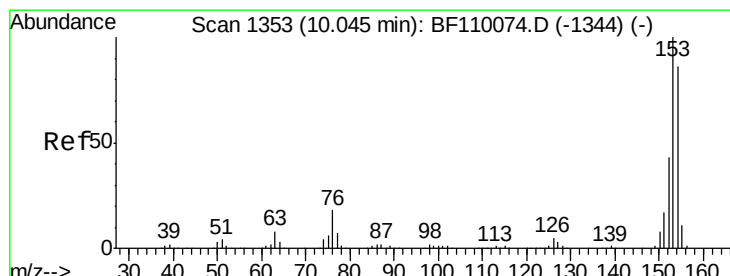
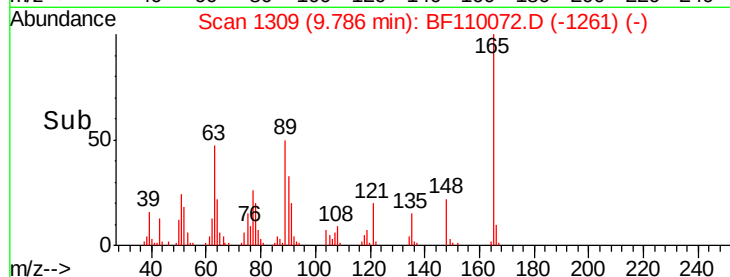
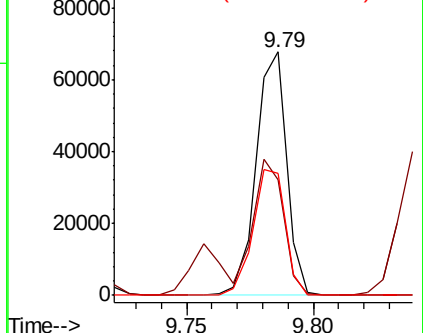
#51
 2,6-Dinitrotoluene
 Concen: 11.933 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.02 min
 Lab File: BF110072.D
 Acq: 23 Oct 2018 11:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 57053
 Ion Ratio Lower Upper
 165 100
 63 47.2 48.9 73.3#
 89 49.9 46.6 69.8

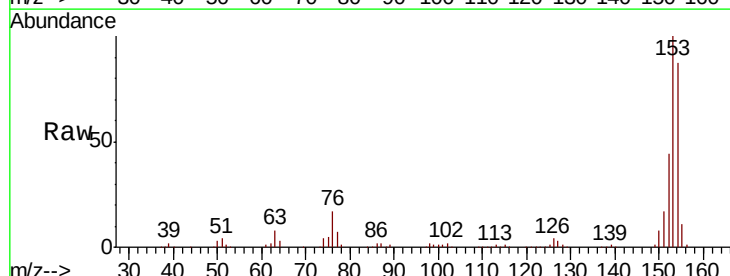


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

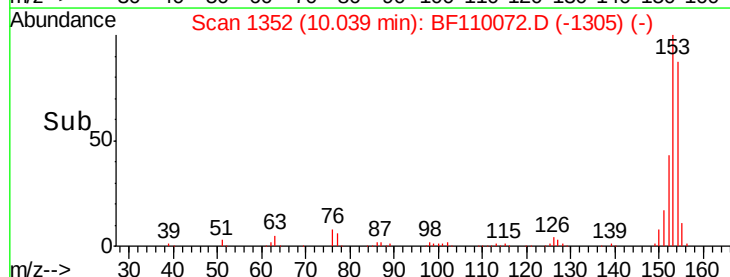
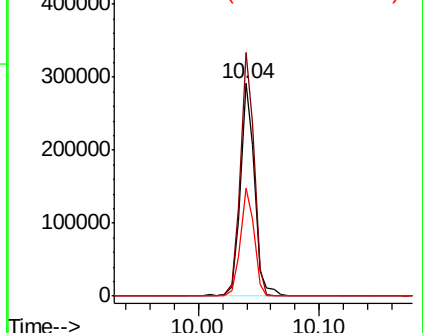


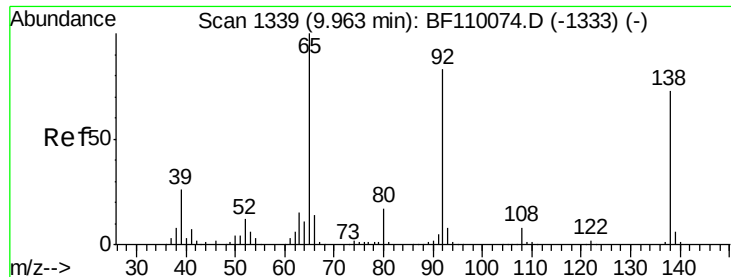
#52
 Acenaphthene
 Concen: 11.149 ng
 RT: 10.04 min Scan# 1352
 Delta R.T. -0.02 min
 Lab File: BF110072.D
 Acq: 23 Oct 2018 11:46

Tgt Ion:154 Resp: 240574
 Ion Ratio Lower Upper
 154 100
 153 114.5 90.1 135.1
 152 50.5 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

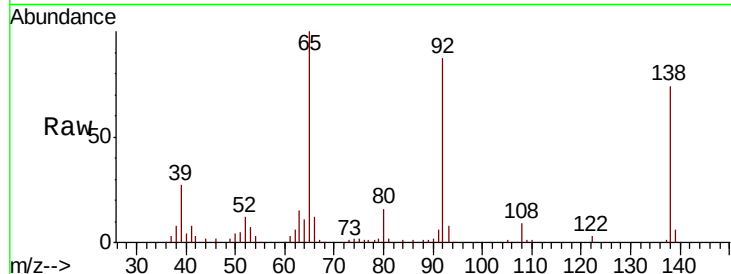




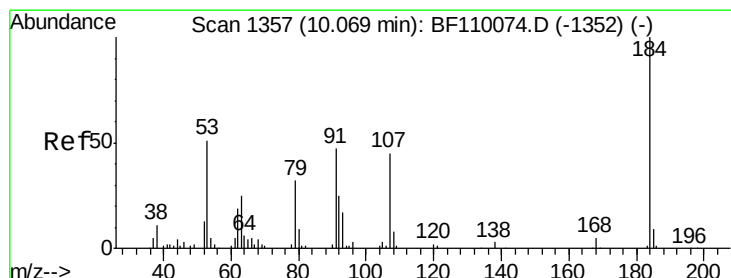
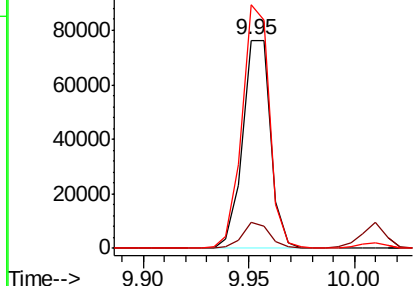
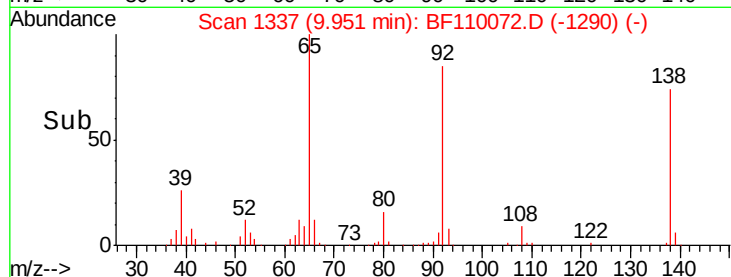
#53
3-Nitroaniline
Concen: 12.085 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF110072.D
Acq: 23 Oct 2018 11:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 70282
Ion Ratio Lower Upper
138 100
108 12.5 8.7 13.1
92 116.9 97.0 145.4

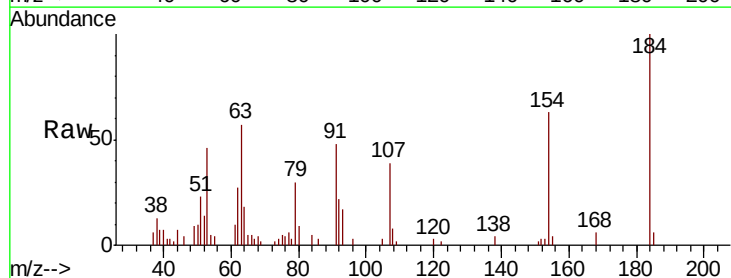


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

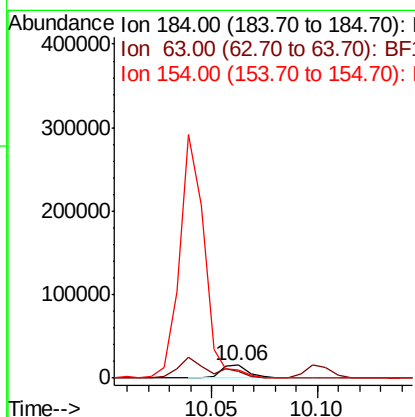
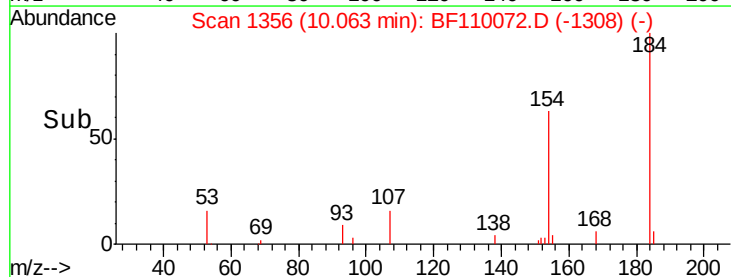


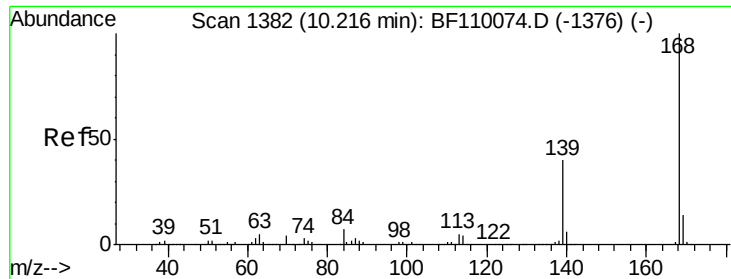
#54
2,4-Dinitrophenol
Concen: 11.719 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.02 min
Lab File: BF110072.D
Acq: 23 Oct 2018 11:46

Tgt Ion:184 Resp: 14333
Ion Ratio Lower Upper
184 100
63 56.9 55.8 83.6
154 63.2 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

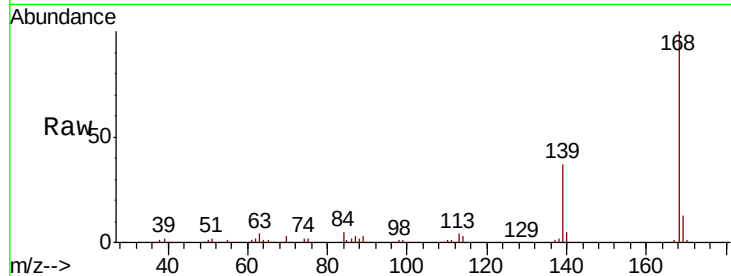




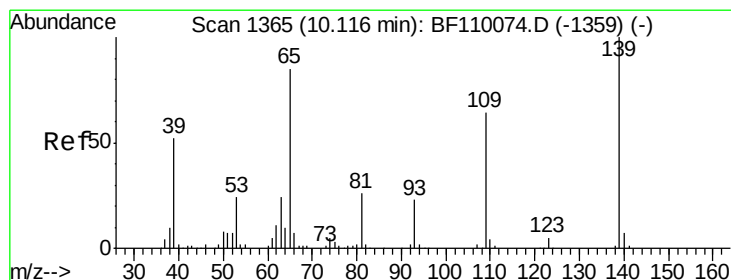
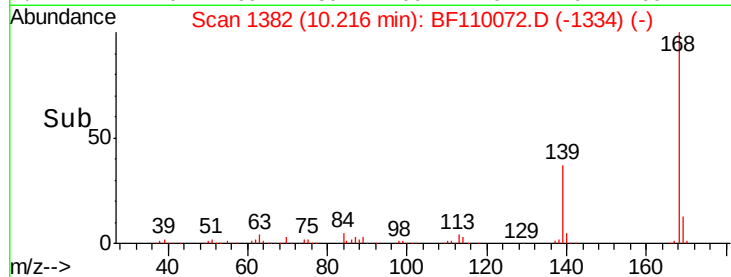
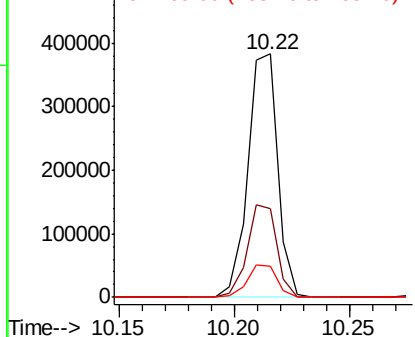
#55
Dibenzofuran
Concen: 11.240 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.02 min
Lab File: BF110072.D
Acq: 23 Oct 2018 11:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 345892
Ion Ratio Lower Upper
168 100
139 36.5 33.0 49.6
169 12.9 11.3 16.9

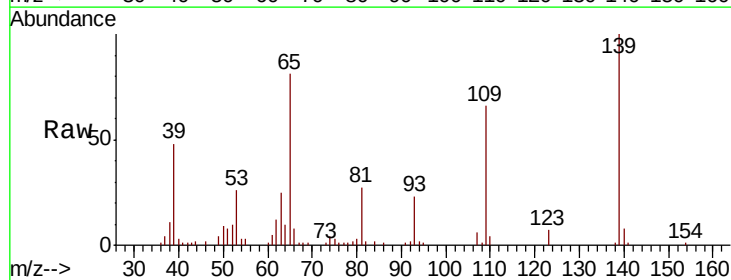


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

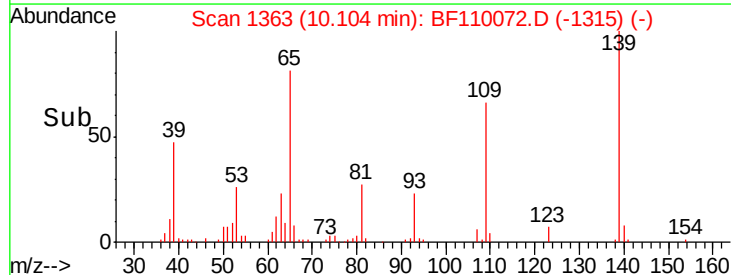
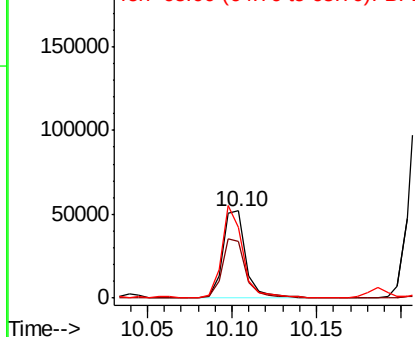


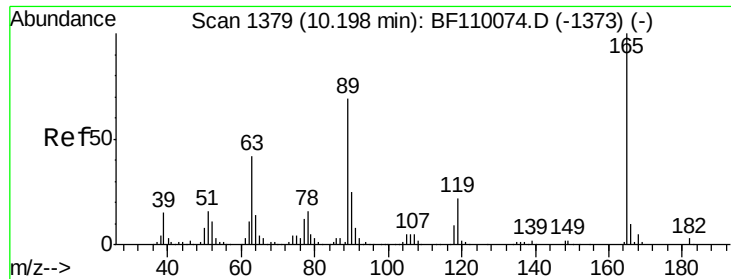
#56
4-Nitrophenol
Concen: 11.292 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.02 min
Lab File: BF110072.D
Acq: 23 Oct 2018 11:46

Tgt Ion:139 Resp: 50111
Ion Ratio Lower Upper
139 100
109 66.0 55.8 95.8
65 81.1 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

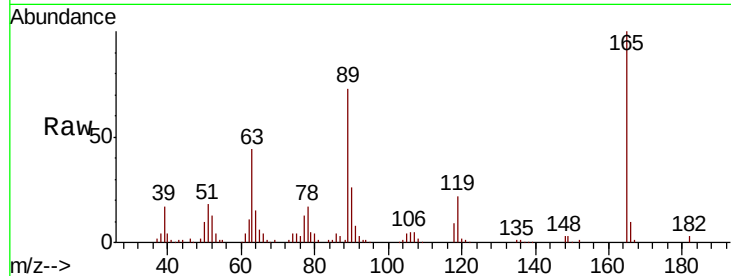




#57
2,4-Dinitrotoluene
Concen: 12.726 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BF110072.D
Acq: 23 Oct 2018 11:46

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.0	44.8	67.2#
89	73.1	62.2	93.4
182	2.5	2.1	3.1



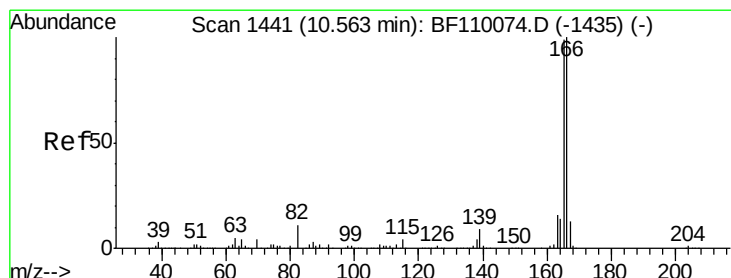
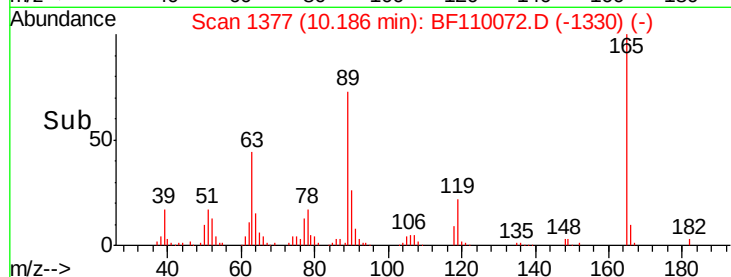
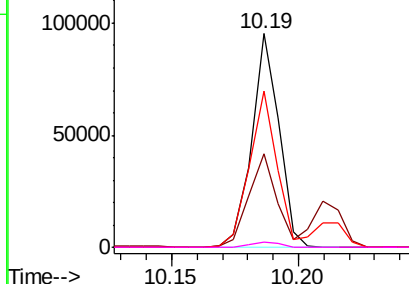
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

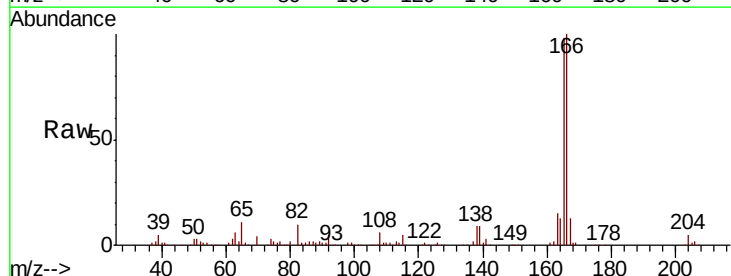
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 11.515 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.02 min
Lab File: BF110072.D
Acq: 23 Oct 2018 11:46

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.6	117.8
167	13.4	10.8	16.2

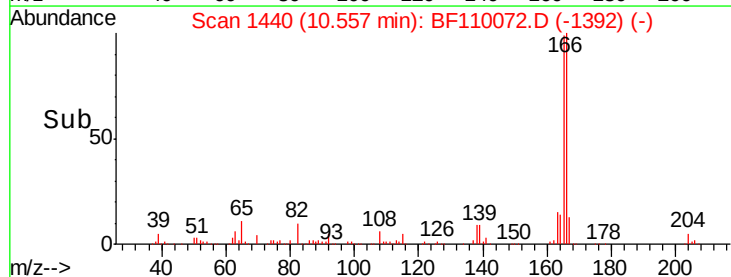
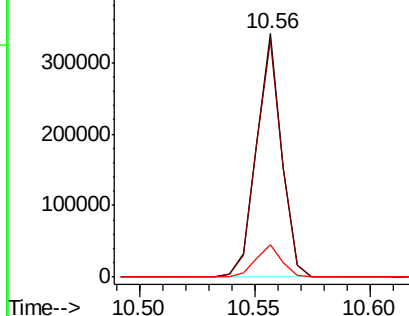


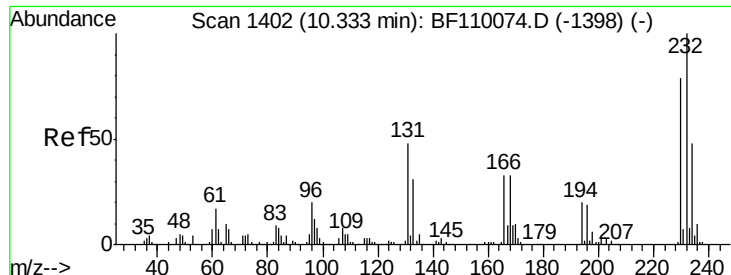
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

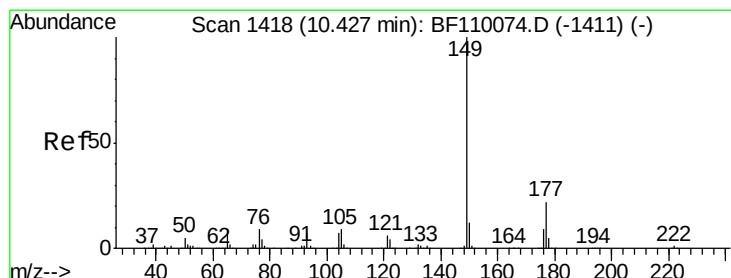
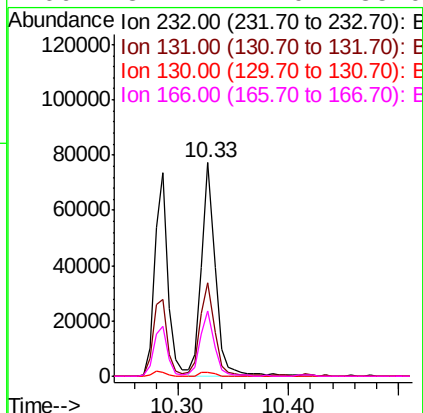
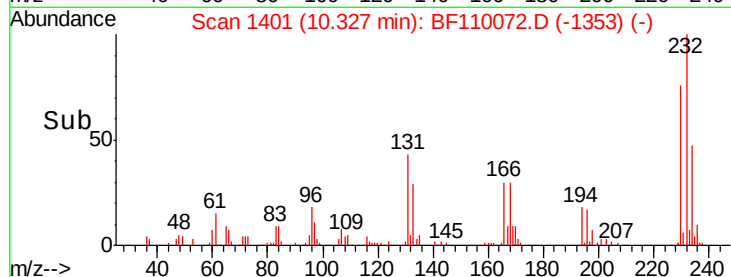
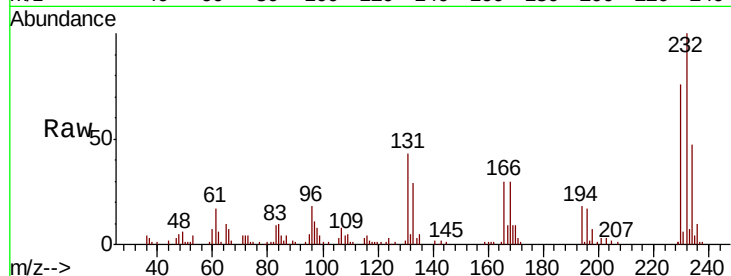




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 11.782 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.02 min
 Lab File: BF110072.D
 Acq: 23 Oct 2018 11:46

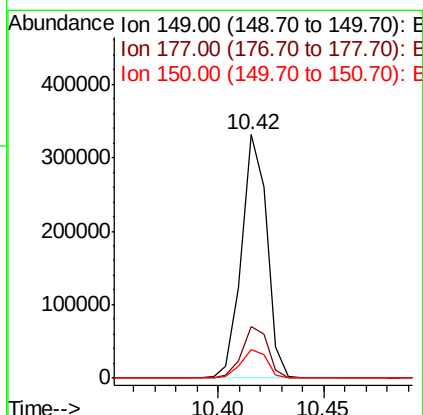
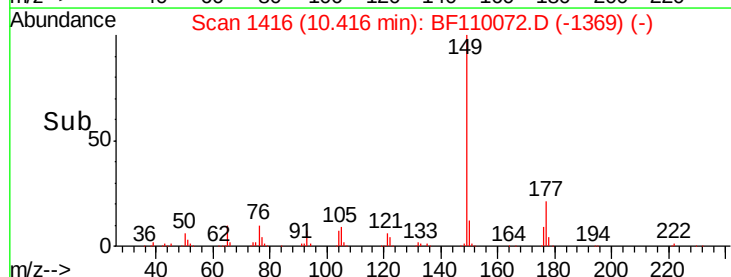
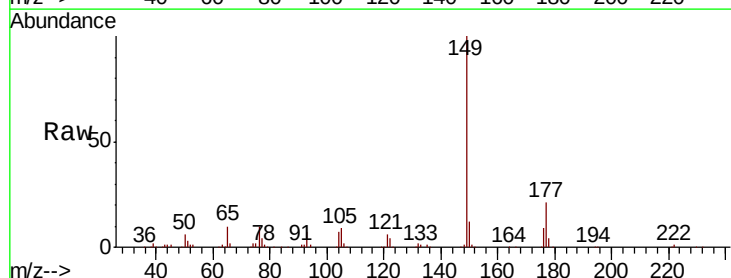
Instrument :
 BNA_F
 ClientSampled :

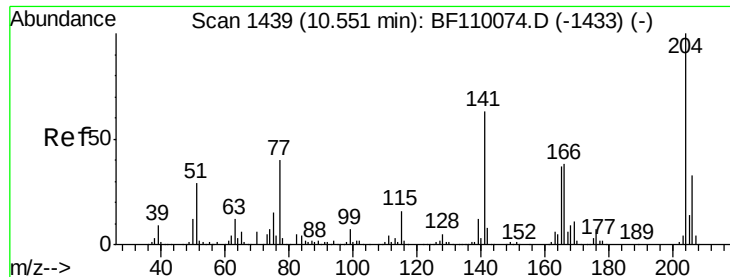
Tot Ion:232 Resp: 66354
 Ion Ratio Lower Upper
 232 100
 131 46.2 37.0 55.4
 130 1.9 1.8 2.6
 166 31.1 22.0 33.0



#60
 Diethylphthalate
 Concen: 11.057 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.02 min
 Lab File: BF110072.D
 Acq: 23 Oct 2018 11:46

Tgt Ion:149 Resp: 274897
 Ion Ratio Lower Upper
 149 100
 177 21.0 17.4 26.2
 150 11.7 9.8 14.8

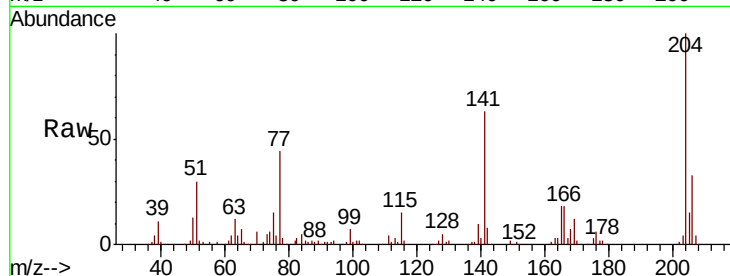




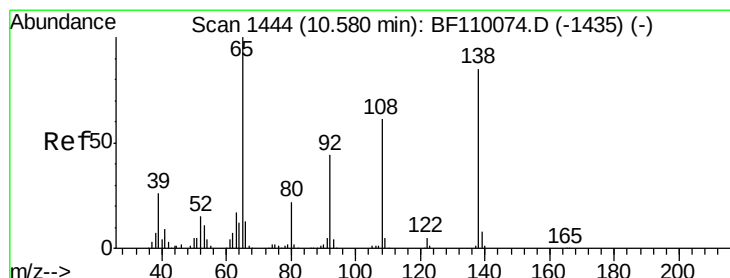
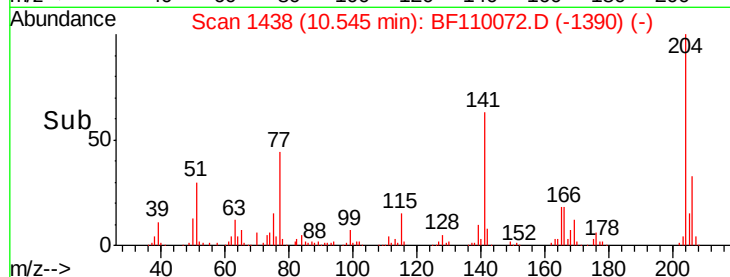
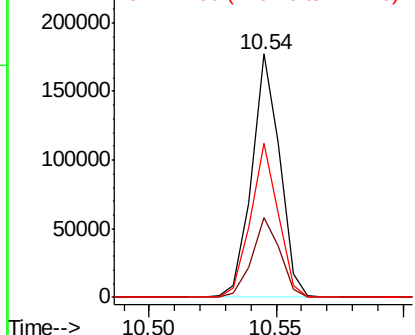
#61
 4-Chlorophenyl-phenylether
 Concen: 11.694 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.02 min
 Lab File: BF110072.D
 Acq: 23 Oct 2018 11:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:204 Resp: 136458
 Ion Ratio Lower Upper
 204 100
 206 32.6 26.5 39.7
 141 63.2 51.8 77.8

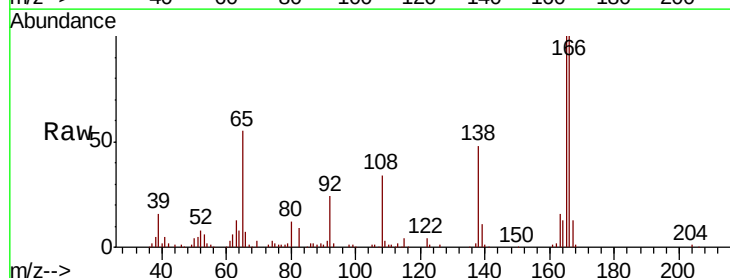


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

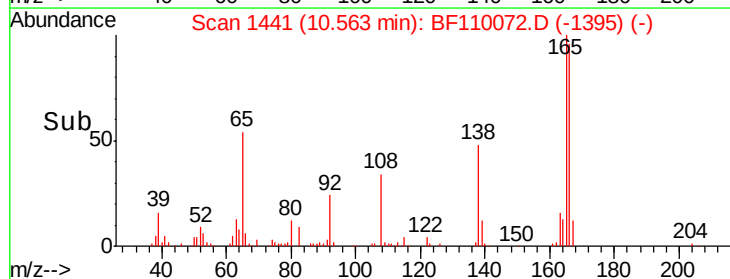
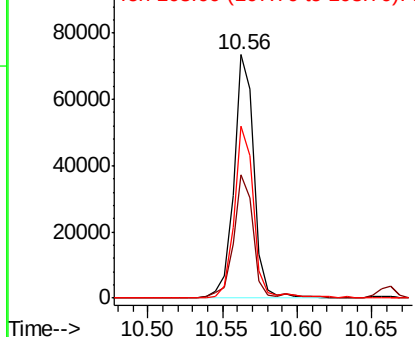


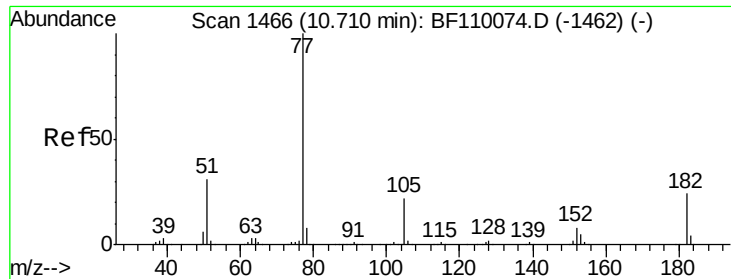
#62
 4-Nitroaniline
 Concen: 12.627 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.03 min
 Lab File: BF110072.D
 Acq: 23 Oct 2018 11:46

Tgt Ion:138 Resp: 69517
 Ion Ratio Lower Upper
 138 100
 92 50.6 31.7 71.7
 108 70.7 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

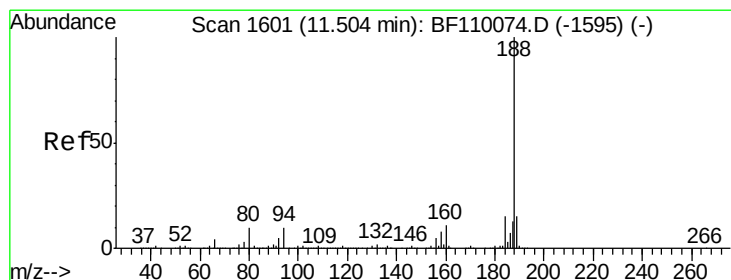
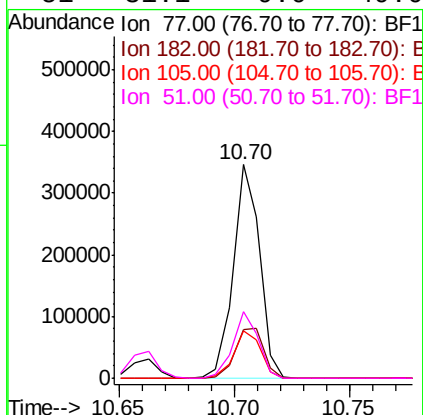
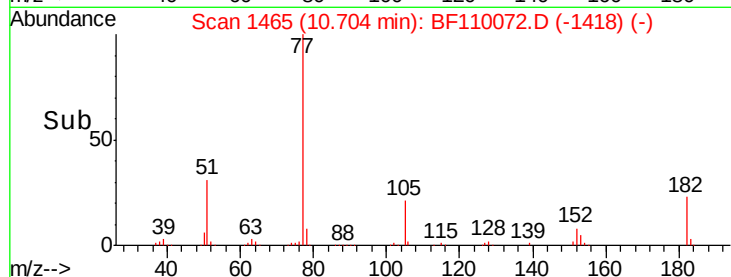
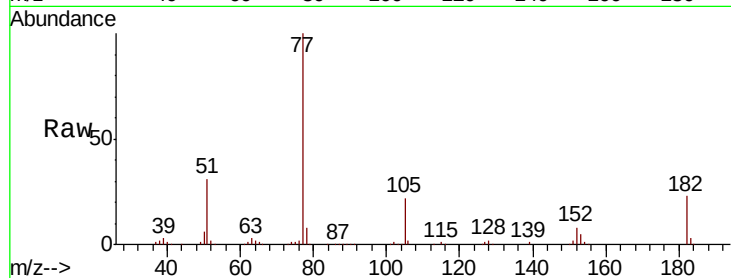




#63
Azobenzene
Concen: 10.579 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.02 min
Lab File: BF110072.D
Acq: 23 Oct 2018 11:46

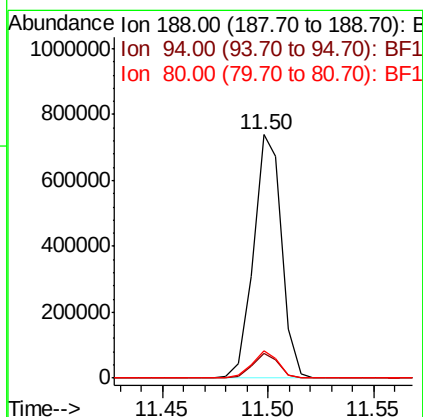
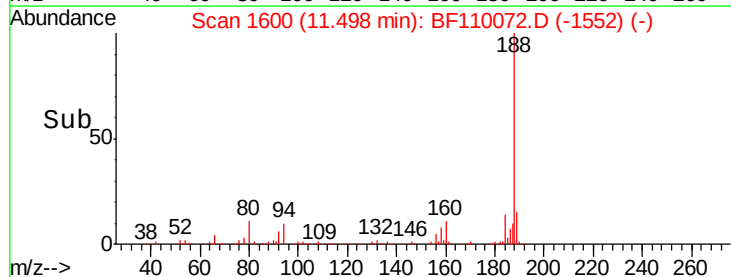
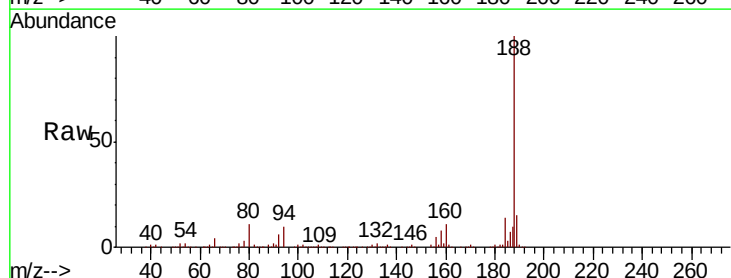
Instrument :
BNA_F
ClientSampleId :

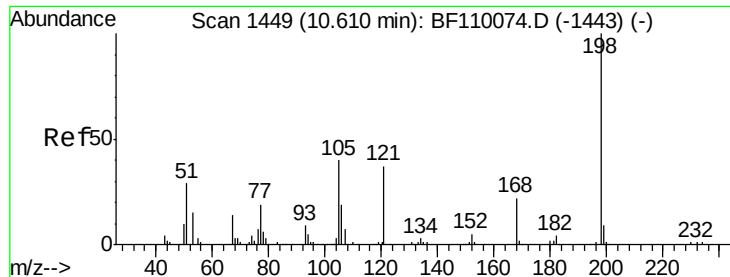
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	23.0	4.3	44.3	
105	21.9	1.3	41.3	
51	31.1	9.0	49.0	



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.02 min
Lab File: BF110072.D
Acq: 23 Oct 2018 11:46

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.4	7.2	10.8	
80	11.1	7.9	11.9	

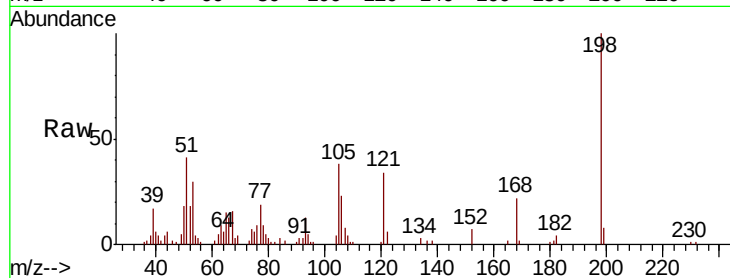




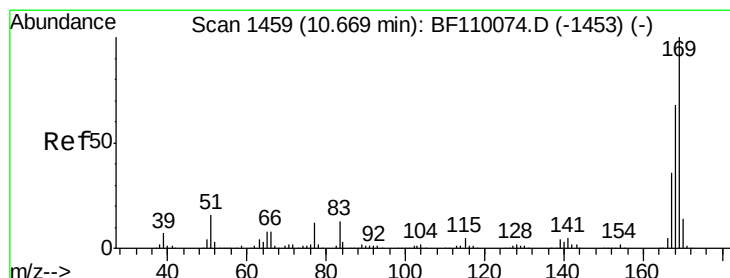
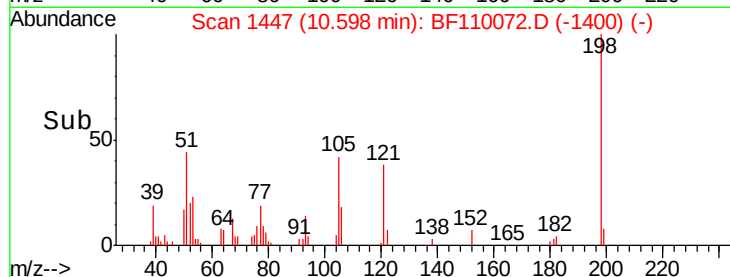
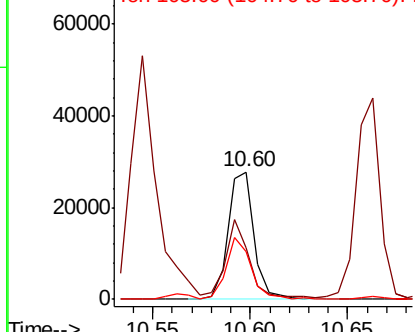
#65
4,6-Dinitro-2-methylphenol
Concen: 11.620 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.02 min
Lab File: BF110072.D
Acq: 23 Oct 2018 11:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 25449
Ion Ratio Lower Upper
198 100
51 40.9 22.8 62.8
105 37.6 23.6 63.6

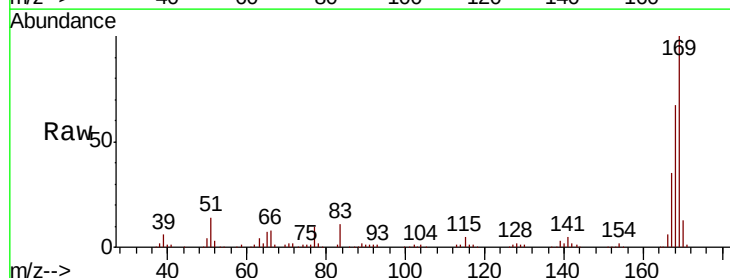


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

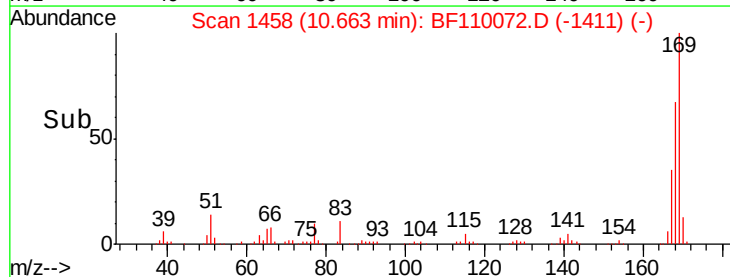
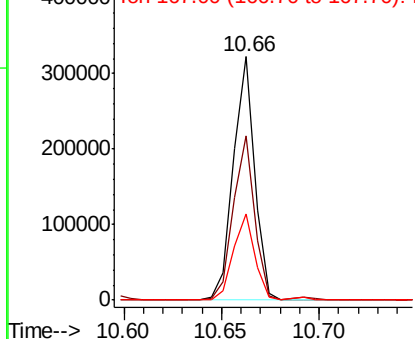


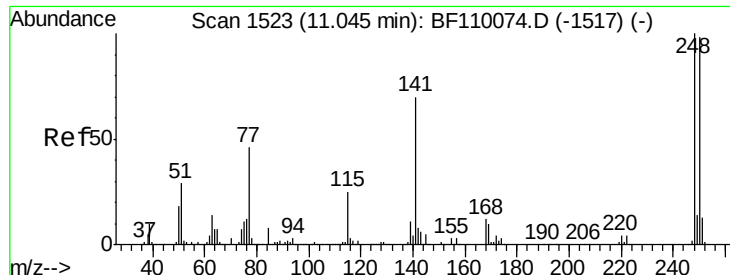
#66
n-Nitrosodiphenylamine
Concen: 10.786 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BF110072.D
Acq: 23 Oct 2018 11:46

Tgt Ion:169 Resp: 245483
Ion Ratio Lower Upper
169 100
168 67.3 51.2 76.8
167 35.4 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

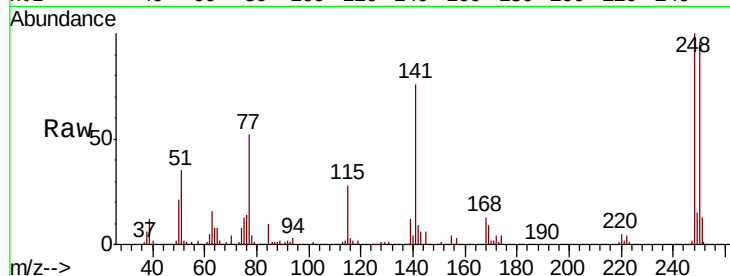




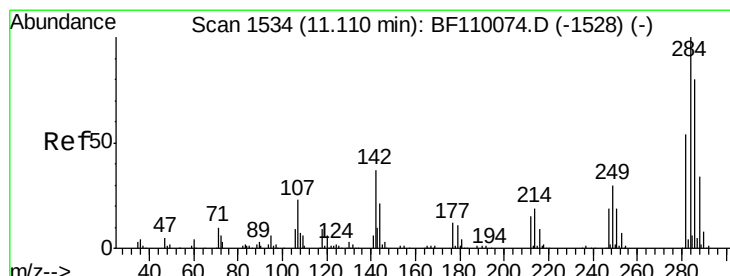
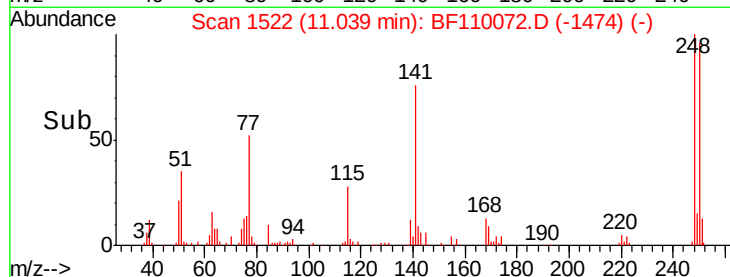
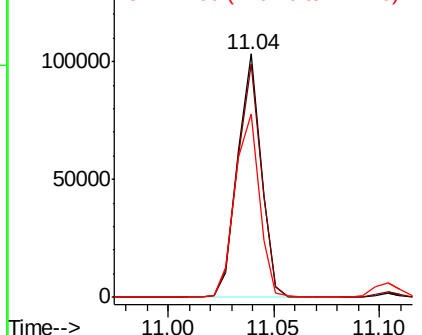
#67
 4-Bromophenyl-phenylether
 Concen: 10.684 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. -0.02 min
 Lab File: BF110072.D
 Acq: 23 Oct 2018 11:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 79120
 Ion Ratio Lower Upper
 248 100
 250 96.1 79.4 119.2
 141 75.6 55.9 83.9

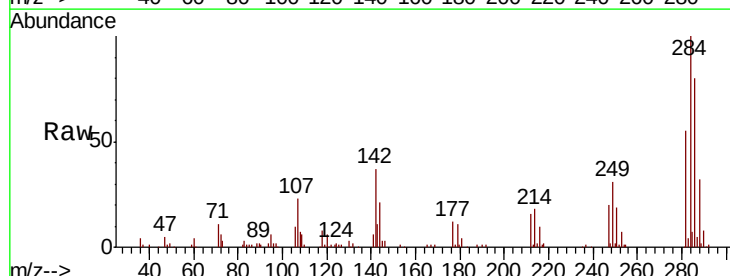


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

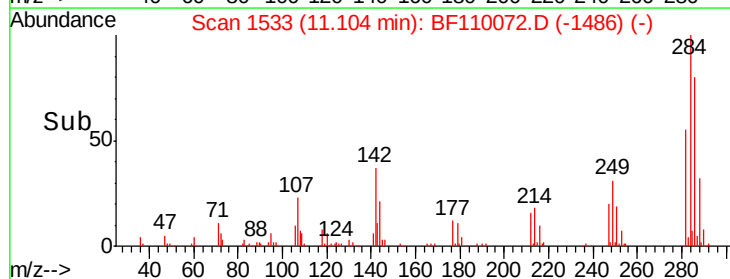
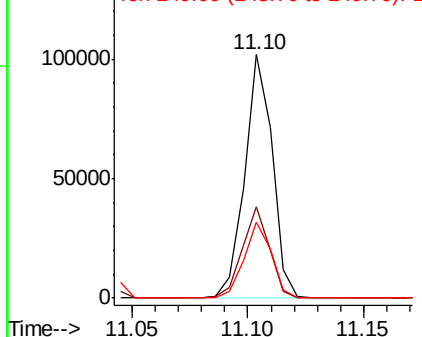


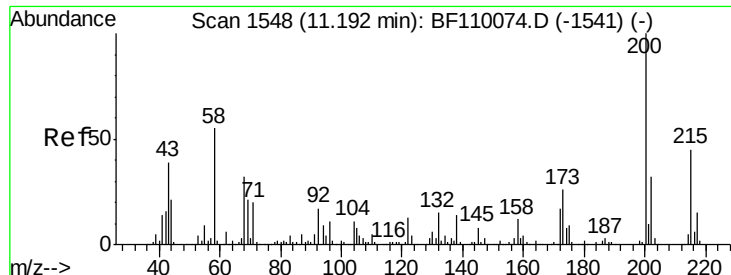
#68
 Hexachlorobenzene
 Concen: 10.785 ng
 RT: 11.10 min Scan# 1533
 Delta R.T. -0.02 min
 Lab File: BF110072.D
 Acq: 23 Oct 2018 11:46

Tgt Ion:284 Resp: 85170
 Ion Ratio Lower Upper
 284 100
 142 37.4 23.9 35.9#
 249 31.2 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: 11.017 ng

RT: 11.19 min Scan# 1547

Delta R.T. -0.02 min

Lab File: BF110072.D

Acq: 23 Oct 2018 11:46

Instrument :

BNA_F

ClientSampleId :

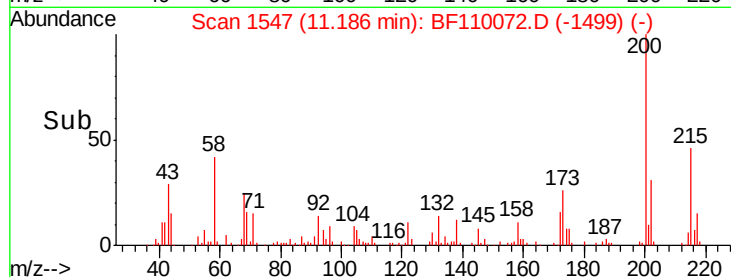
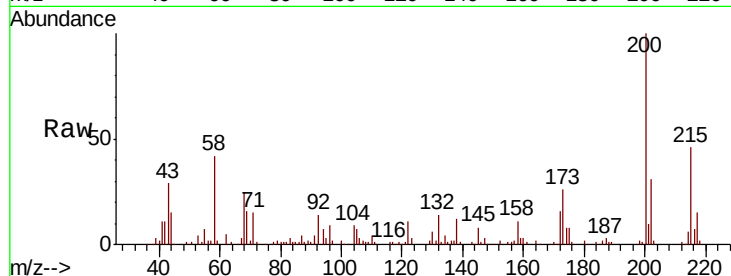
Tot Ion:200 Resp: 78318

Ion Ratio Lower Upper

200 100

173 26.0 6.6 46.6

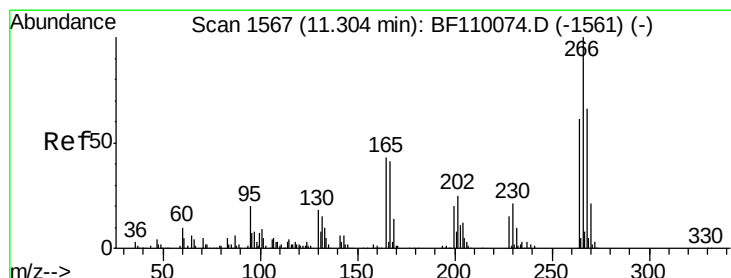
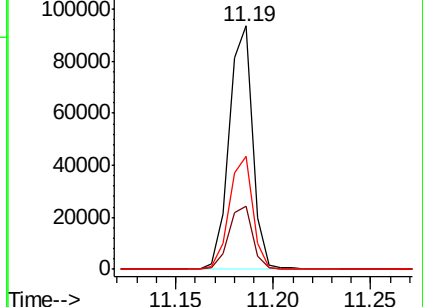
215 46.3 26.3 66.3



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: 9.849 ng

RT: 11.30 min Scan# 1566

Delta R.T. -0.02 min

Lab File: BF110072.D

Acq: 23 Oct 2018 11:46

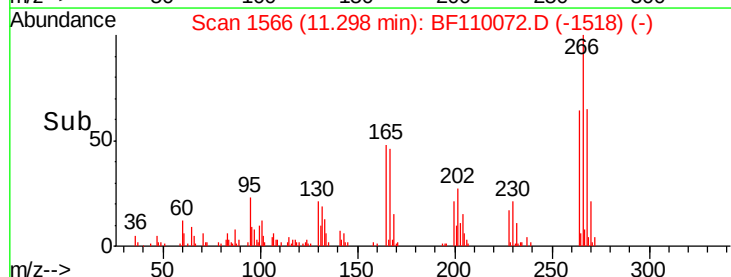
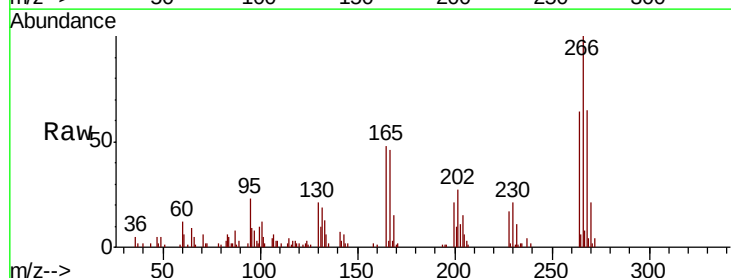
Tgt Ion:266 Resp: 44265

Ion Ratio Lower Upper

266 100

268 65.4 50.6 75.8

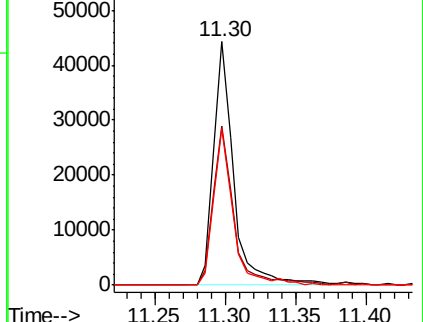
264 64.2 50.6 75.8

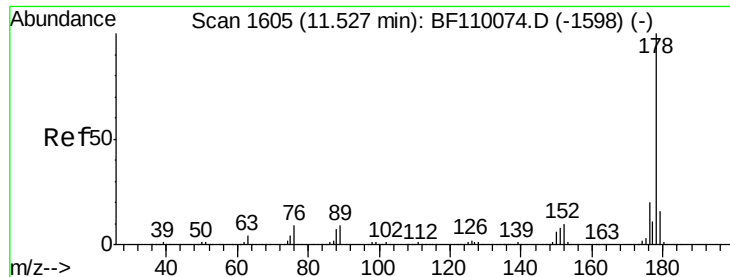


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 11.200 ng

RT: 11.52 min Scan# 1604

Delta R.T. -0.02 min

Lab File: BF110072.D

Acq: 23 Oct 2018 11:46

Instrument :

BNA_F

ClientSampleId :

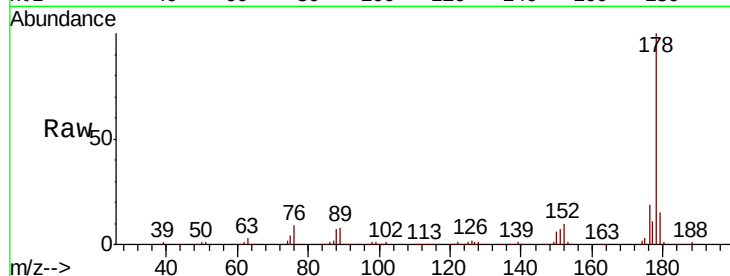
Tot Ion:178 Resp: 396209

Ion Ratio Lower Upper

178 100

176 18.6 15.5 23.3

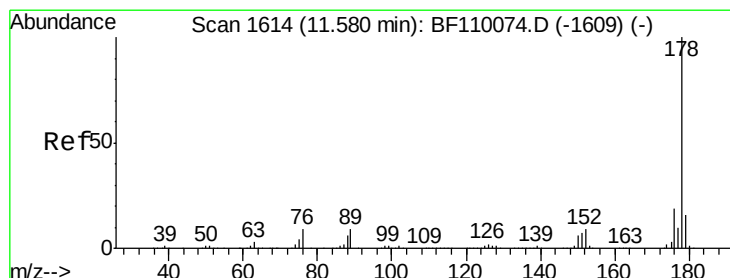
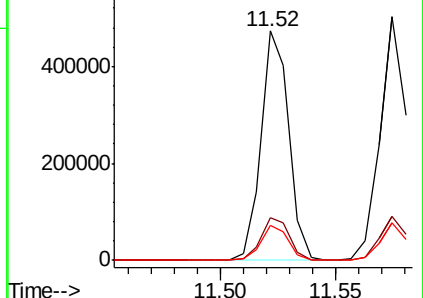
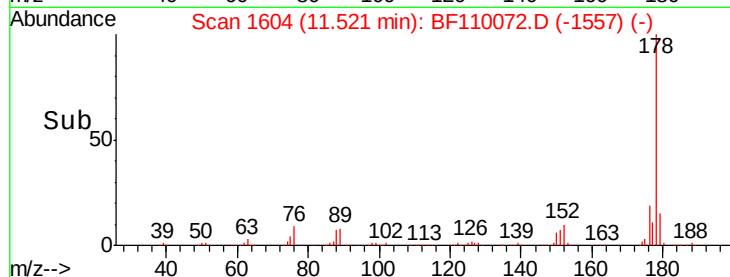
179 15.1 12.5 18.7



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: 11.293 ng

RT: 11.57 min Scan# 1613

Delta R.T. -0.02 min

Lab File: BF110072.D

Acq: 23 Oct 2018 11:46

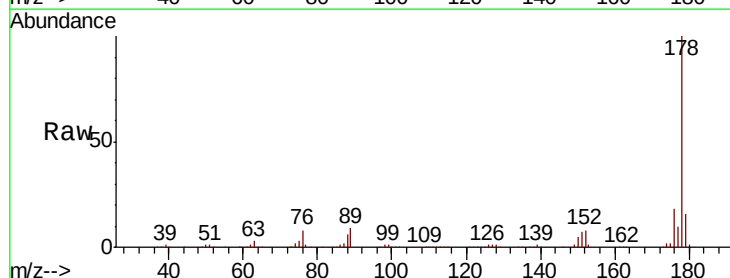
Tgt Ion:178 Resp: 401636

Ion Ratio Lower Upper

178 100

176 18.1 15.4 23.2

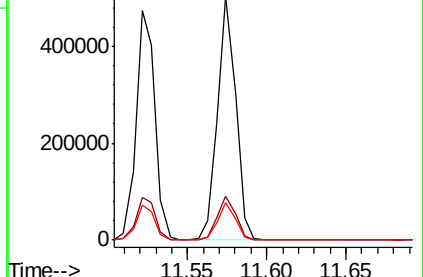
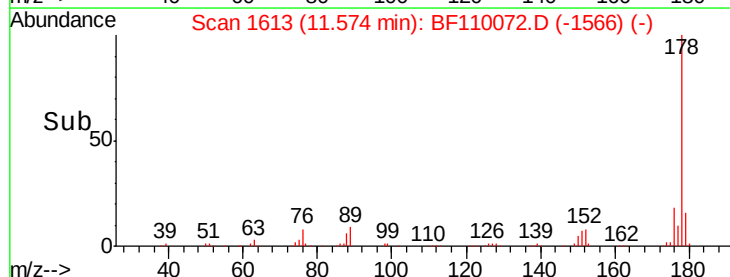
179 15.5 12.6 18.8

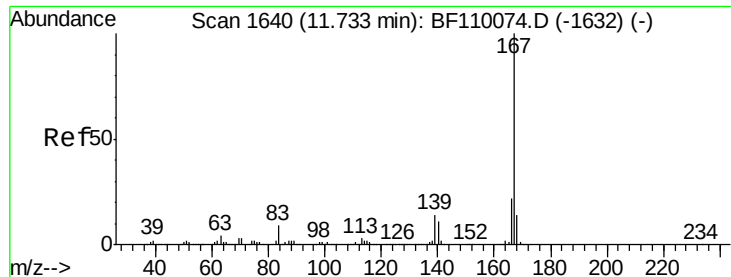


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

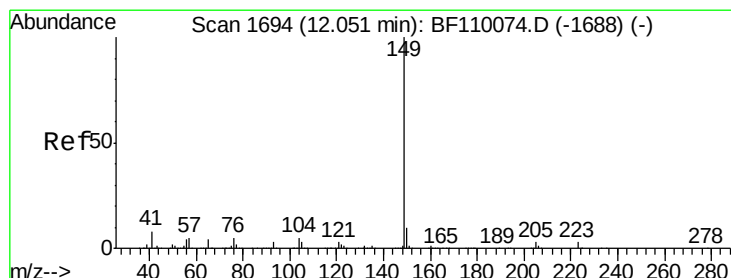
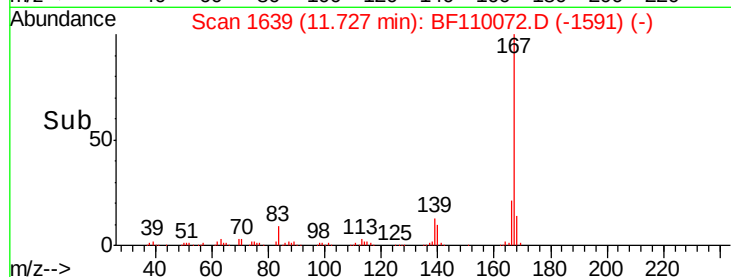
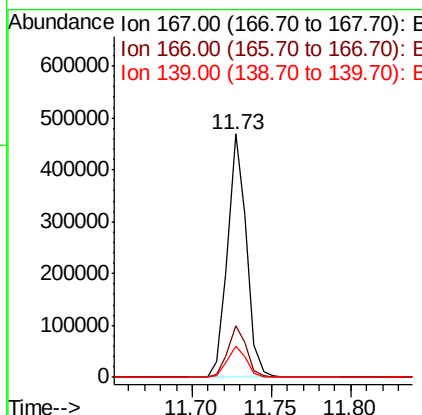
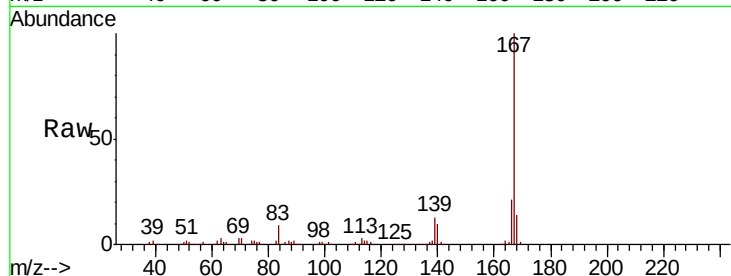




#73
 Carbazole
 Concen: 11.063 ng
 RT: 11.73 min Scan# 1639
 Delta R.T. -0.02 min
 Lab File: BF110072.D
 Acq: 23 Oct 2018 11:46

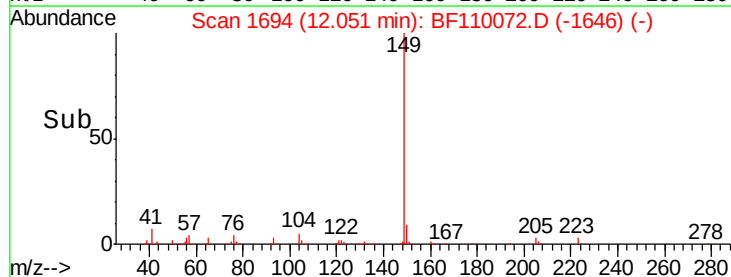
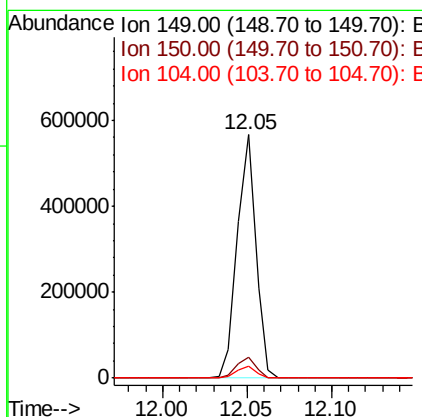
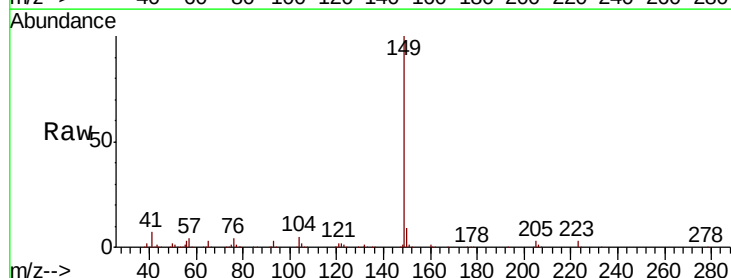
Instrument :
 BNA_F
 ClientSampleId :

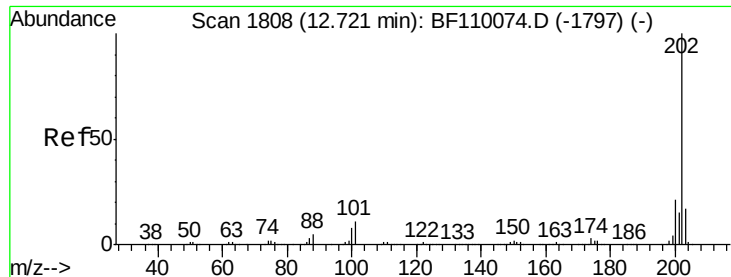
Tot Ion:167 Resp: 386702
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.4 26.0
 139 12.8 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 11.171 ng
 RT: 12.05 min Scan# 1694
 Delta R.T. -0.02 min
 Lab File: BF110072.D
 Acq: 23 Oct 2018 11:46

Tgt Ion:149 Resp: 435771
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.7 11.5
 104 4.7 4.2 6.4

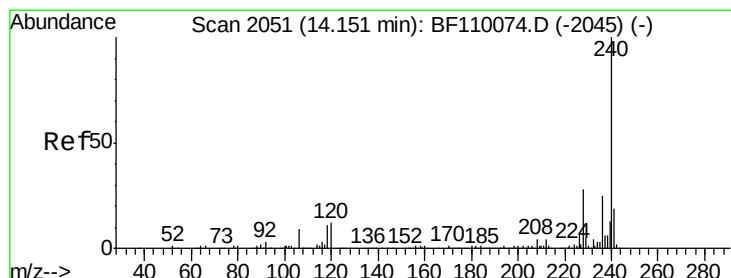
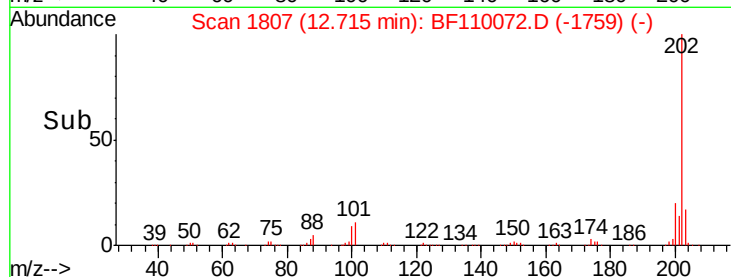
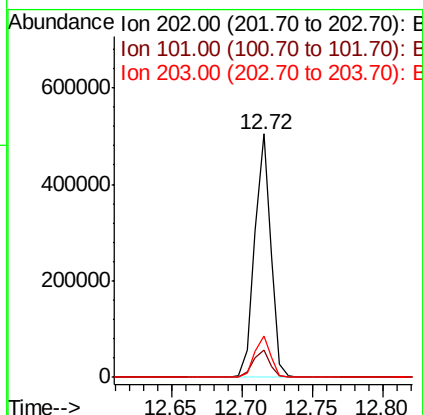
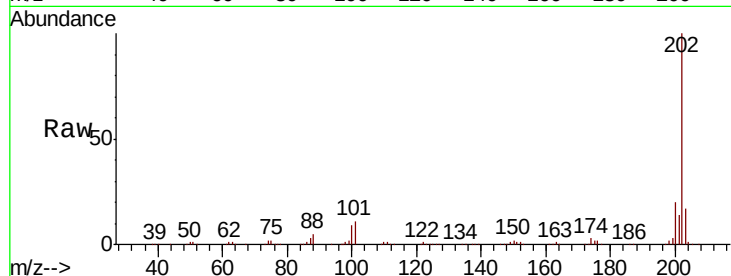




#75
Fluoranthene
Concen: 11.501 ng
RT: 12.72 min Scan# 1807
Delta R.T. -0.02 min
Lab File: BF110072.D
Acq: 23 Oct 2018 11:46

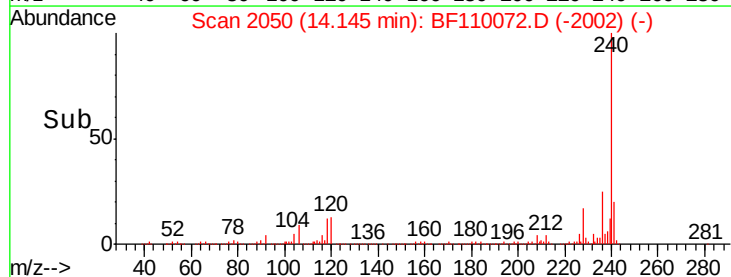
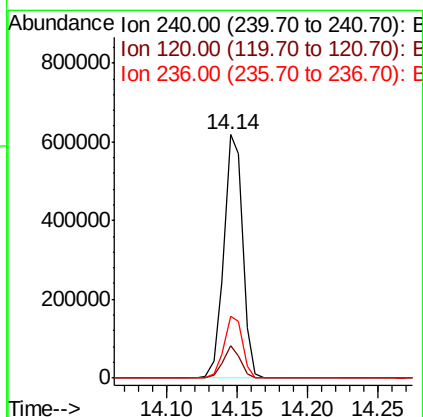
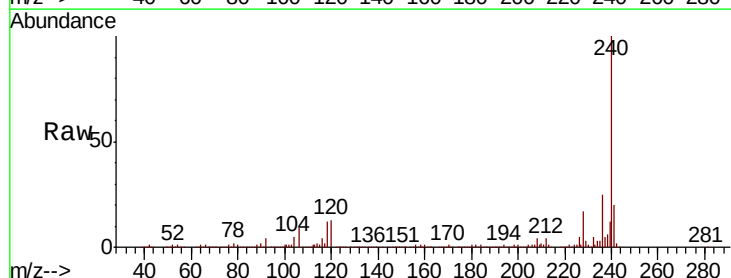
Instrument :
BNA_F
ClientSampleId :

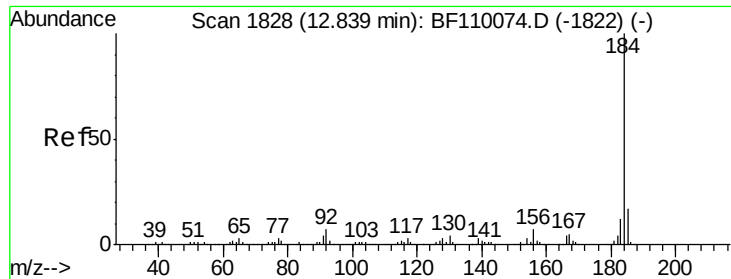
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.4
203	17.2	0.0	37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF110072.D
Acq: 23 Oct 2018 11:46

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.2	8.3	12.5#
236	25.5	21.2	31.8





#77

Benzidine

Concen: 11.731 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF110072.D

Acq: 23 Oct 2018 11:46

Instrument :

BNA_F

ClientSampleId :

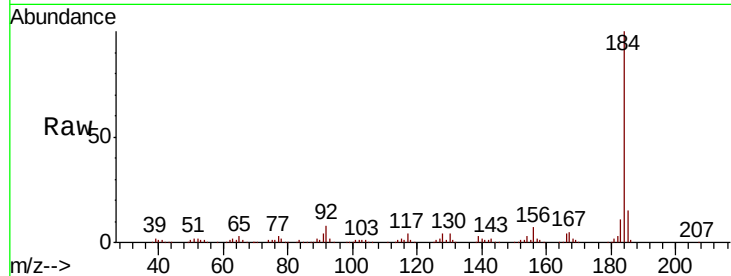
Tot Ion:184 Resp: 256809

Ion Ratio Lower Upper

184 100

185 15.5 13.4 20.2

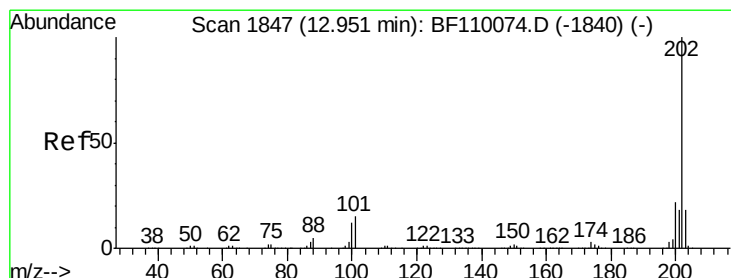
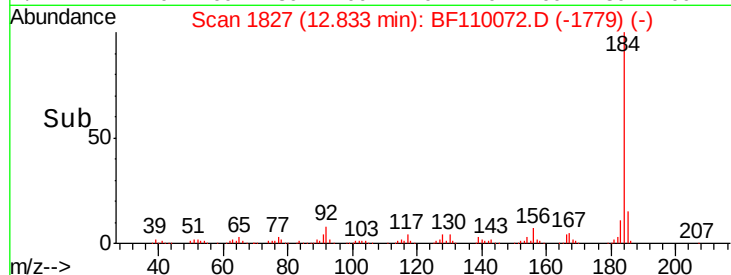
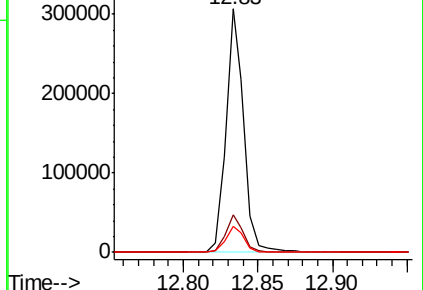
183 10.8 9.4 14.2



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: 9.998 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.02 min

Lab File: BF110072.D

Acq: 23 Oct 2018 11:46

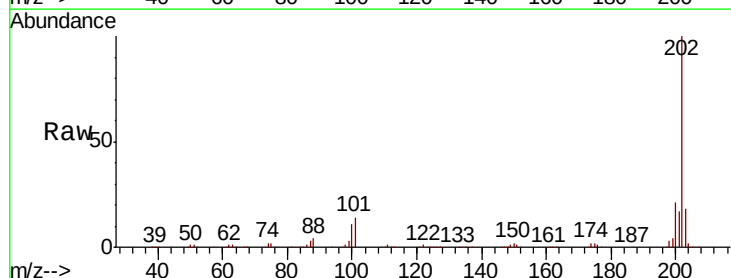
Tgt Ion:202 Resp: 419255

Ion Ratio Lower Upper

202 100

200 20.6 17.8 26.6

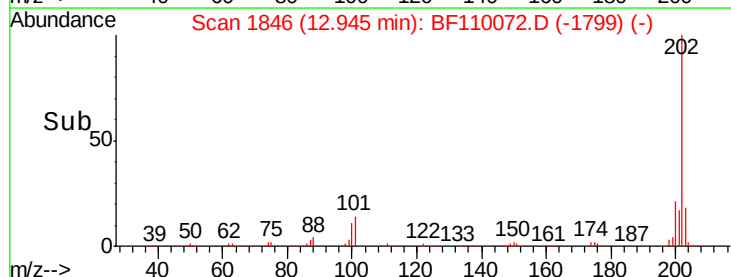
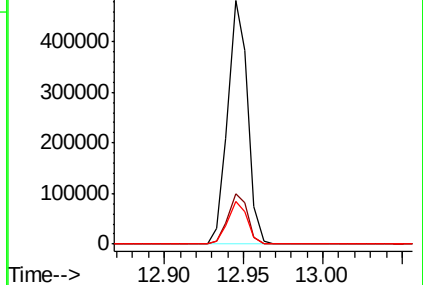
203 17.5 14.2 21.4

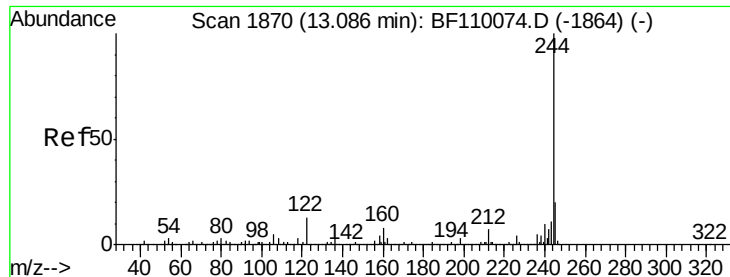


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 22.062 ng

RT: 13.08 min Scan# 1869

Delta R.T. -0.02 min

Lab File: BF110072.D

Acq: 23 Oct 2018 11:46

Instrument :

BNA_F

ClientSampleId :

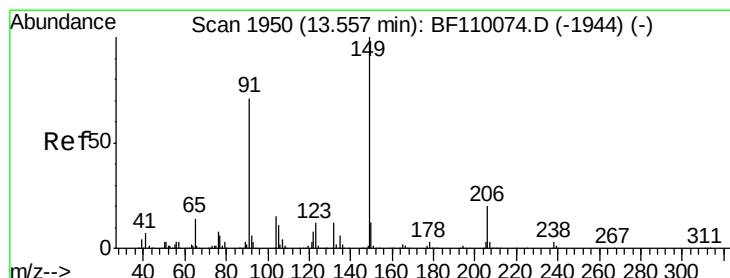
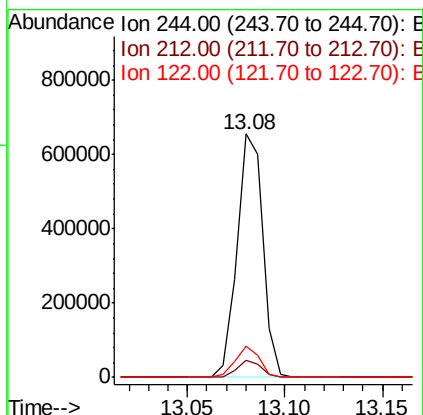
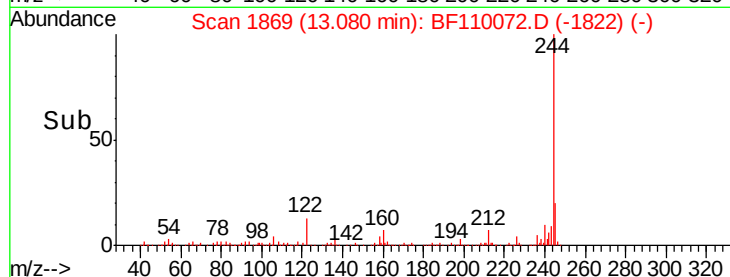
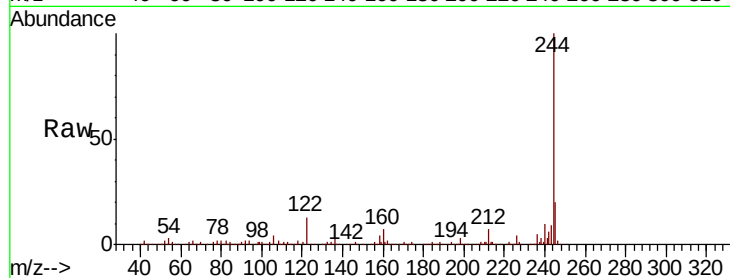
Tot Ion:244 Resp: 599861

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

122 12.9 8.7 13.1



#80

Butylbenzylphthalate

Concen: 10.389 ng

RT: 13.56 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BF110072.D

Acq: 23 Oct 2018 11:46

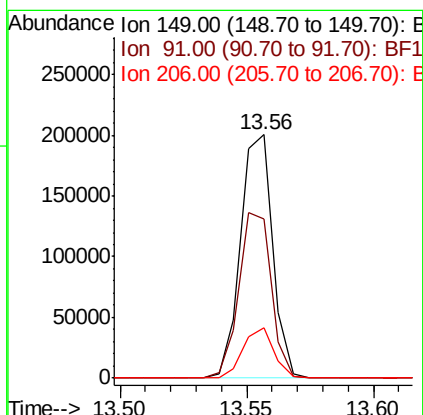
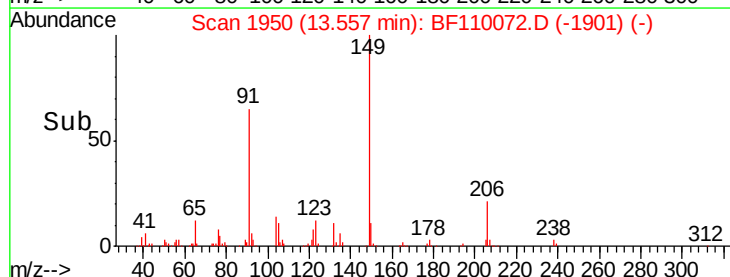
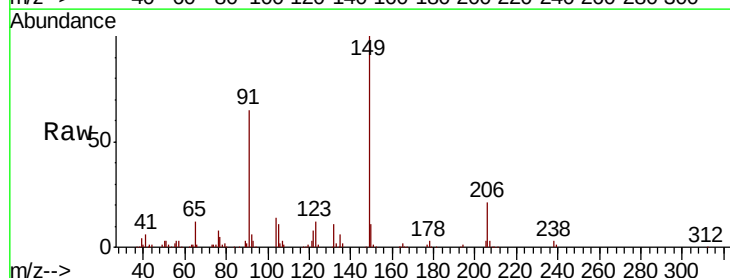
Tgt Ion:149 Resp: 176132

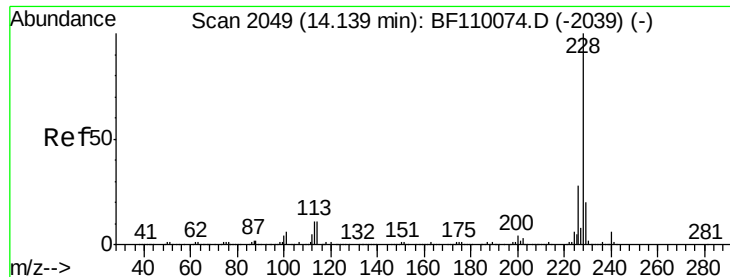
Ion Ratio Lower Upper

149 100

91 65.2 57.2 85.8

206 20.9 15.7 23.5





#81

Benzo(a)anthracene

Concen: 10.622 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.02 min

Lab File: BF110072.D

Acq: 23 Oct 2018 11:46

Instrument :

BNA_F

ClientSampleId :

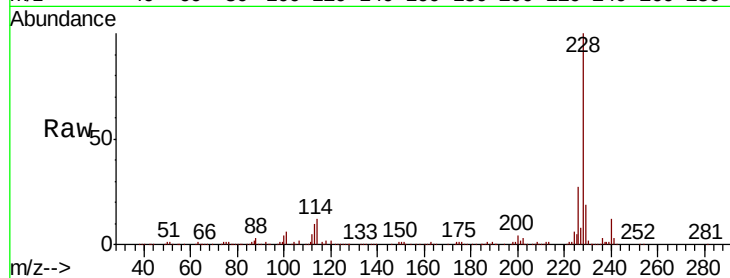
Tot Ion:228 Resp: 357218

Ion Ratio Lower Upper

228 100

226 27.0 22.1 33.1

229 19.1 15.6 23.4

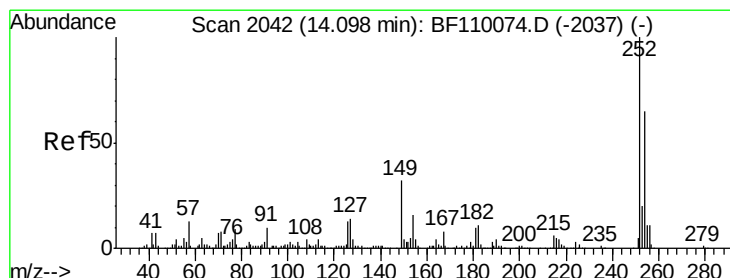
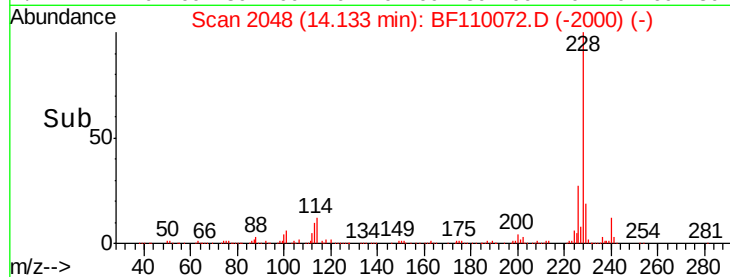
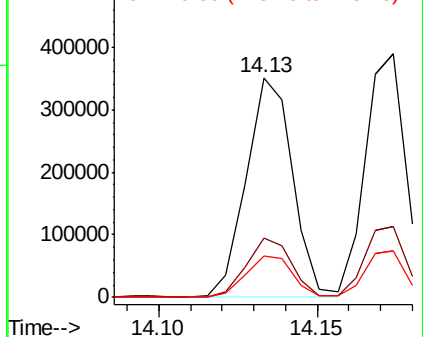


Abundance

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: 11.505 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.02 min

Lab File: BF110072.D

Acq: 23 Oct 2018 11:46

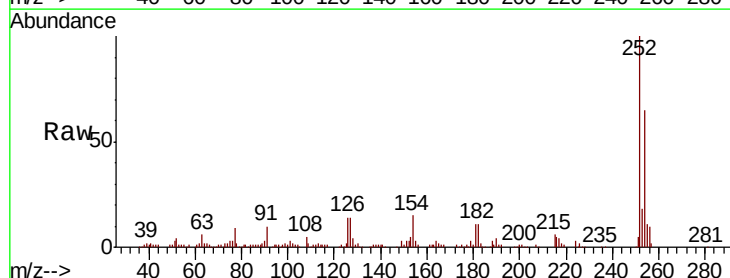
Tgt Ion:252 Resp: 135653

Ion Ratio Lower Upper

252 100

254 65.4 51.3 76.9

126 14.0 9.4 14.2

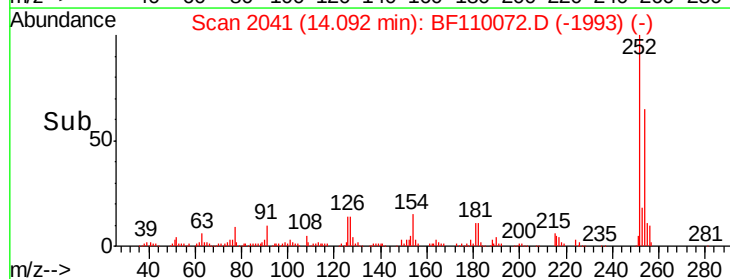
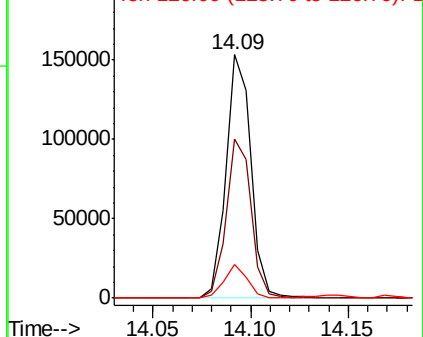


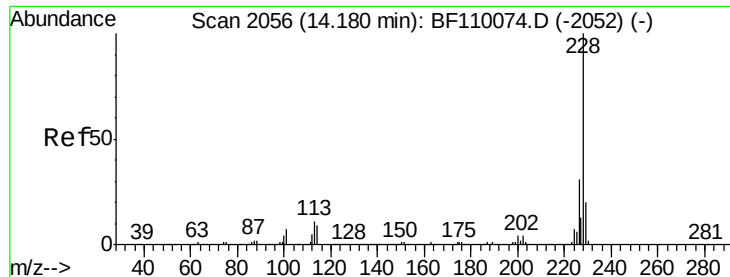
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 10.810 ng

RT: 14.17 min Scan# 2055

Delta R.T. -0.02 min

Lab File: BF110072.D

Acq: 23 Oct 2018 11:46

Instrument :

BNA_F

ClientSampleId :

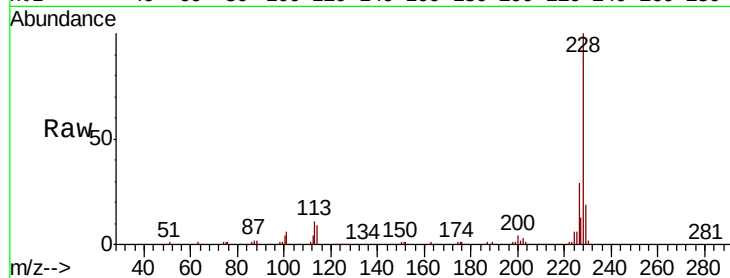
Tot Ion:228 Resp: 346037

Ion Ratio Lower Upper

228 100

226 29.1 24.7 37.1

229 19.0 15.9 23.9

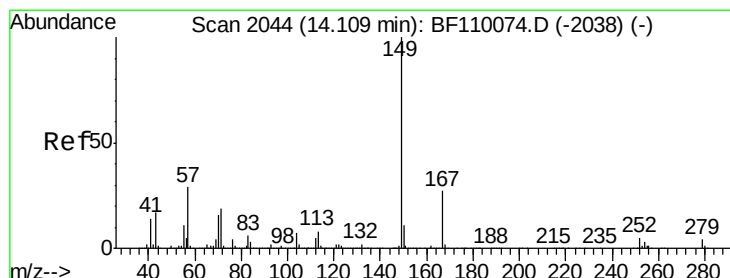
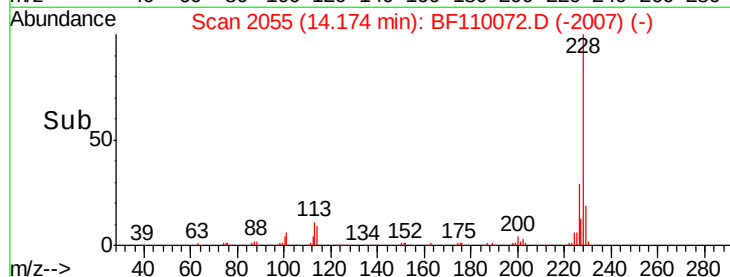
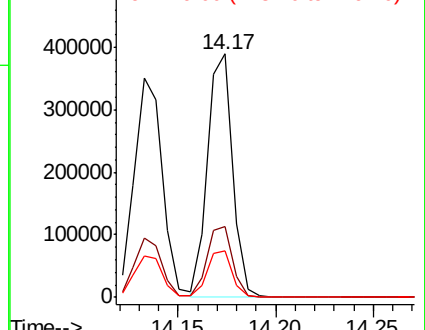


Abundance

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: 11.146 ng

RT: 14.11 min Scan# 2044

Delta R.T. -0.02 min

Lab File: BF110072.D

Acq: 23 Oct 2018 11:46

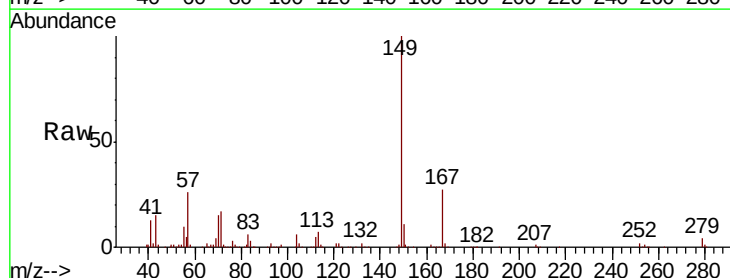
Tgt Ion:149 Resp: 248660

Ion Ratio Lower Upper

149 100

167 27.0 19.8 29.8

279 4.2 2.7 4.1#

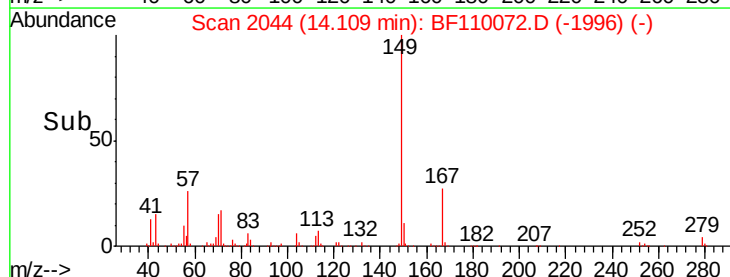
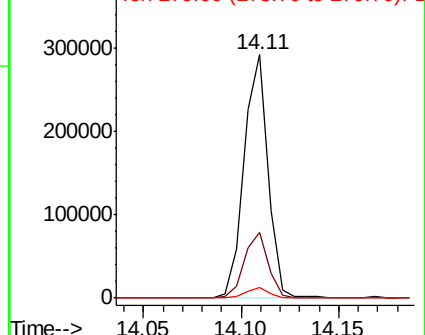


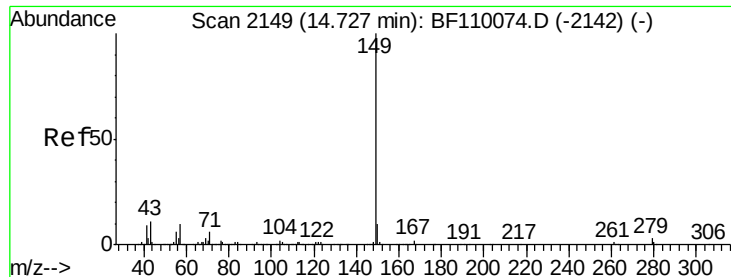
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 12.496 ng

RT: 14.73 min Scan# 2149

Delta R.T. -0.02 min

Lab File: BF110072.D

Acq: 23 Oct 2018 11:46

Instrument :

BNA_F

ClientSampleId :

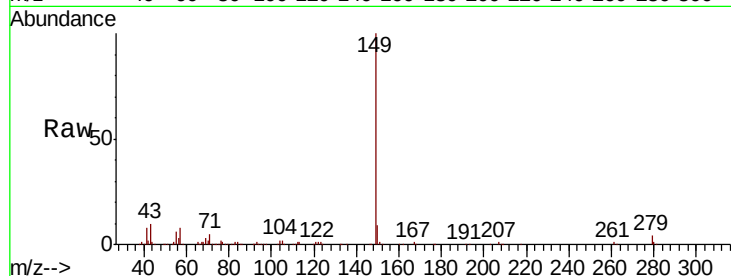
Tot Ion:149 Resp: 393034

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

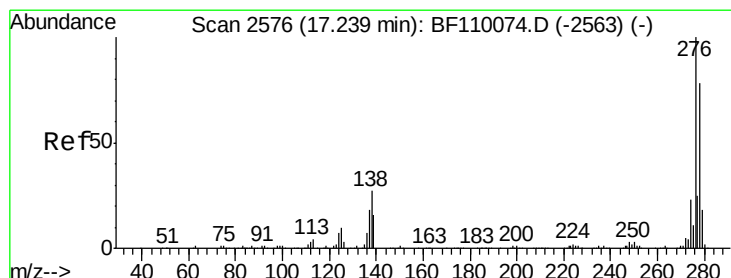
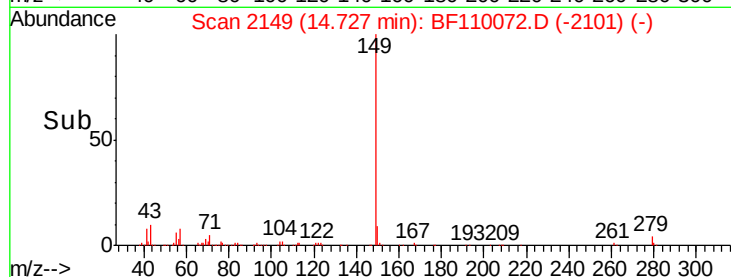
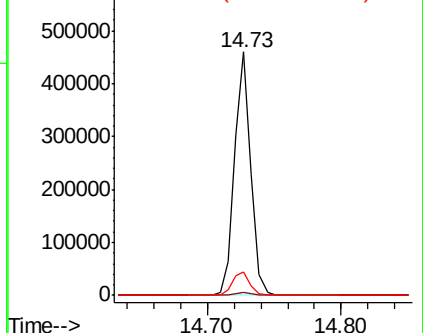
43 10.0 7.8 11.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 11.213 ng

RT: 17.22 min Scan# 2573

Delta R.T. -0.04 min

Lab File: BF110072.D

Acq: 23 Oct 2018 11:46

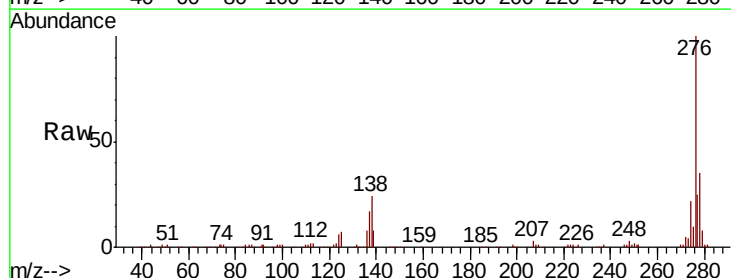
Tgt Ion:276 Resp: 289019

Ion Ratio Lower Upper

276 100

138 27.8 18.5 27.7#

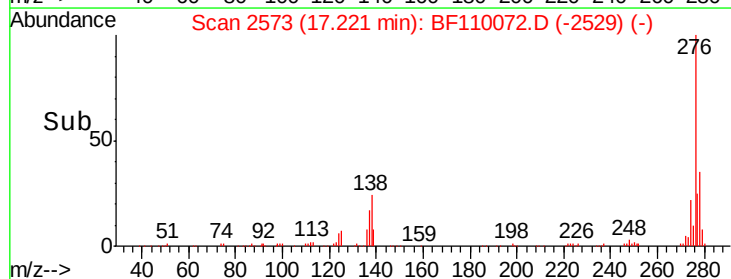
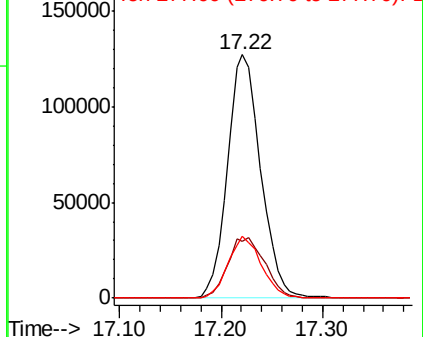
277 25.3 20.0 30.0

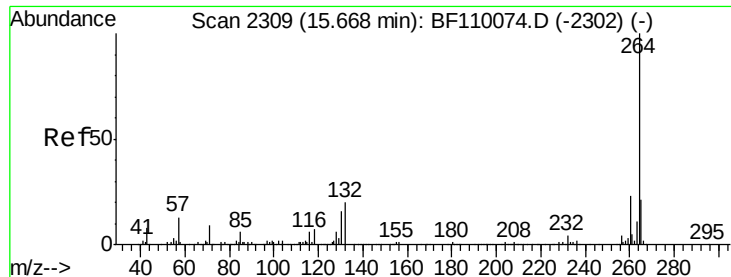


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

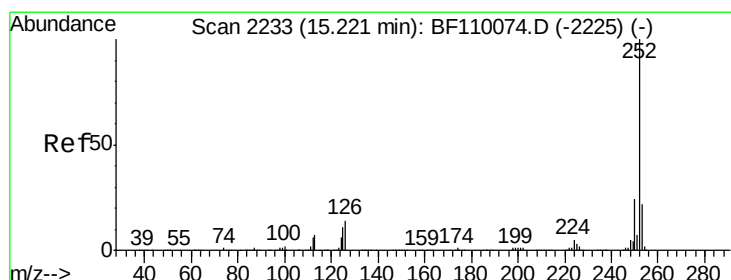
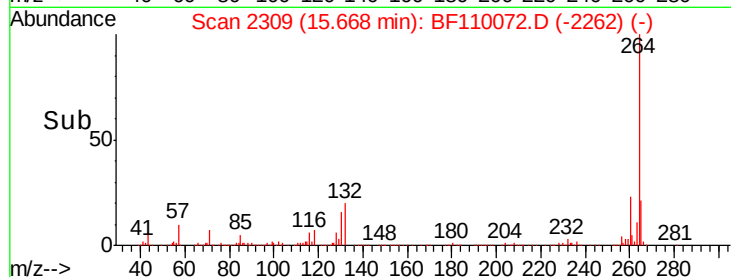
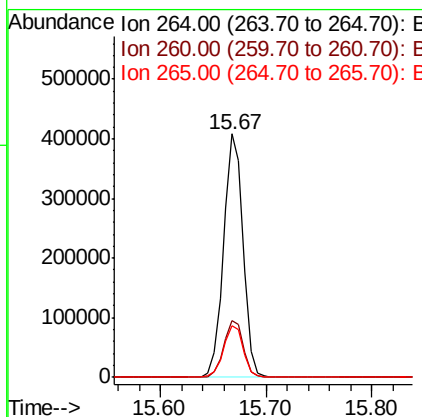
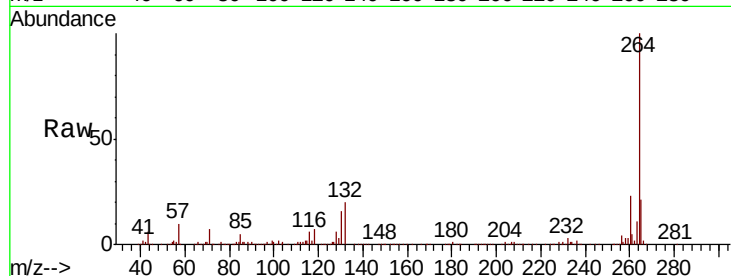




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. -0.02 min
Lab File: BF110072.D
Acq: 23 Oct 2018 11:46

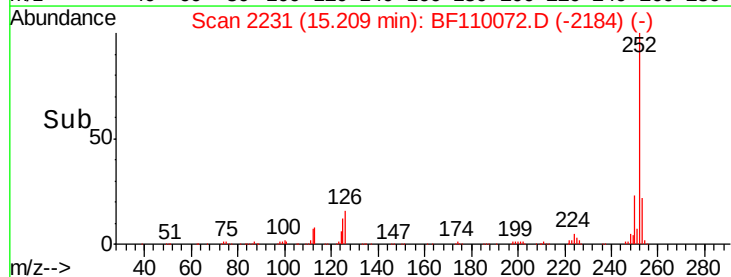
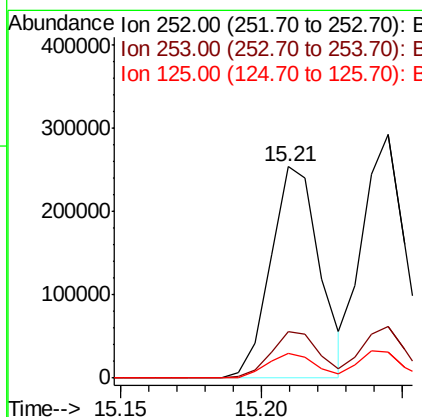
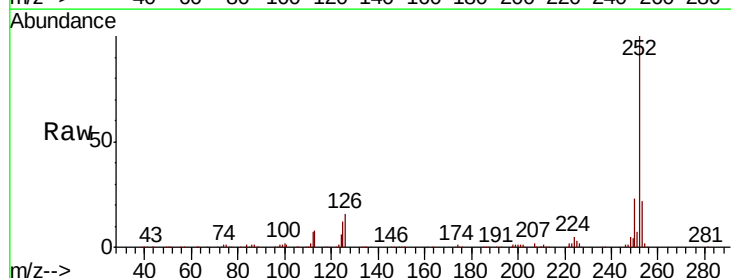
Instrument :
BNA_F
ClientSampleId :

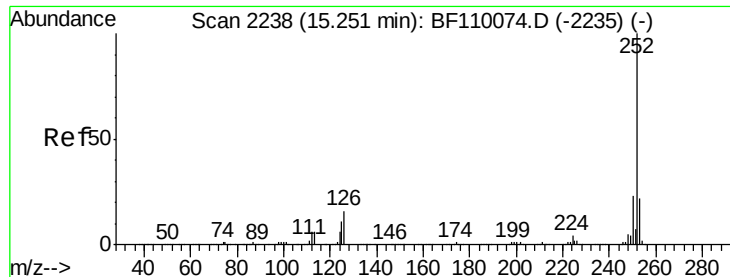
Tot Ion:264 Resp: 521347
Ion Ratio Lower Upper
264 100
260 23.2 18.7 28.1
265 21.4 16.7 25.1



#88
Benzo(b)fluoranthene
Concen: 10.163 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.02 min
Lab File: BF110072.D
Acq: 23 Oct 2018 11:46

Tgt Ion:252 Resp: 305473
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 11.8 8.2 12.4

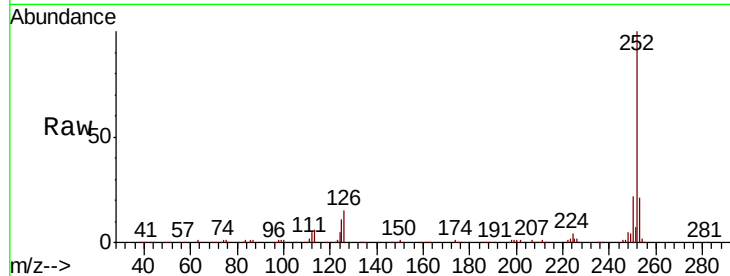




#89
Benzo(k)fluoranthene
Concen: 10.317 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.02 min
Lab File: BF110072.D
Acq: 23 Oct 2018 11:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.2	25.8
125	10.6	7.4	11.0

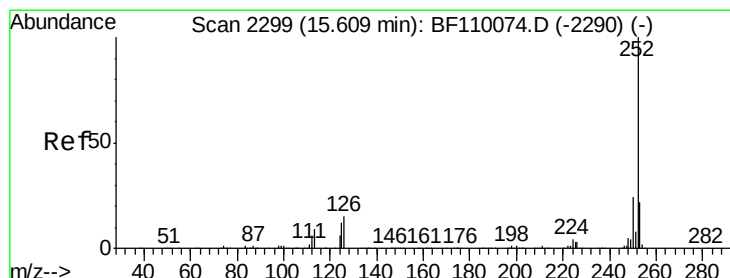
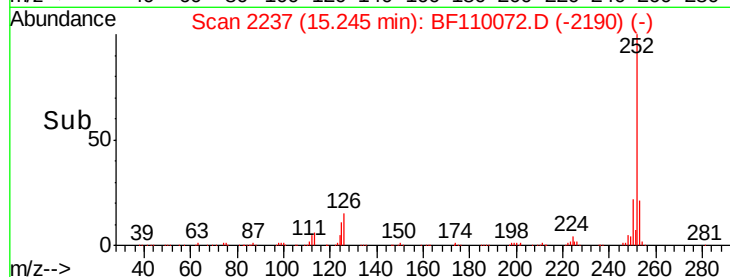
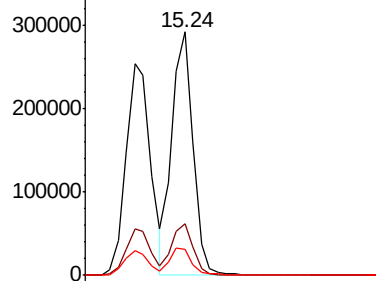


Abundance

Ion 252.00 (251.70 to 252.70): E

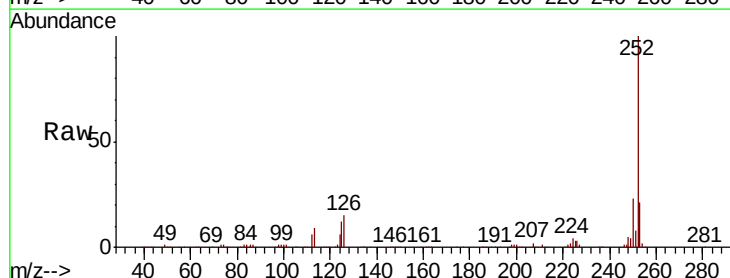
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 10.249 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.02 min
Lab File: BF110072.D
Acq: 23 Oct 2018 11:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.2	27.4
125	11.7	9.0	13.6

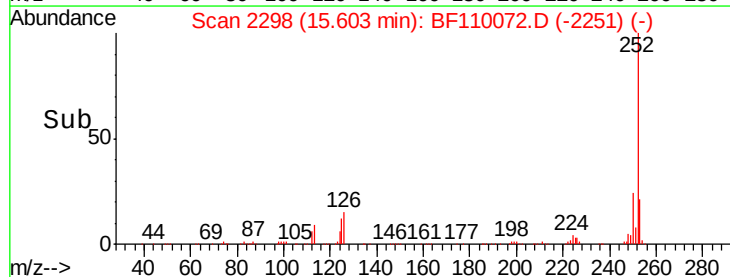
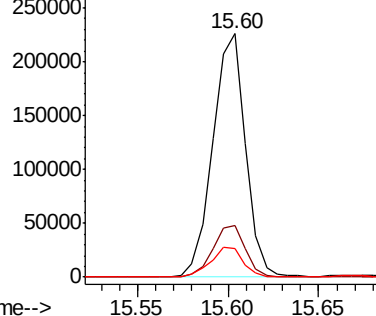


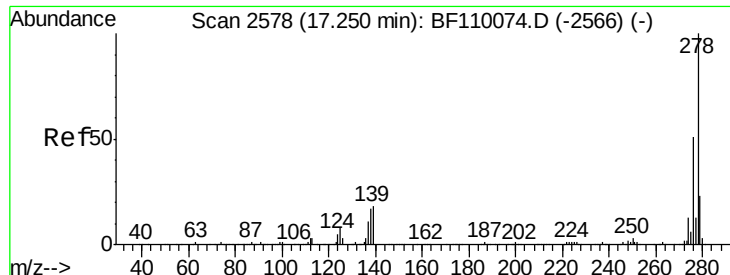
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

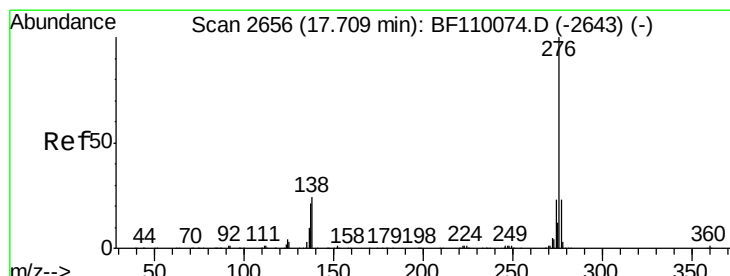
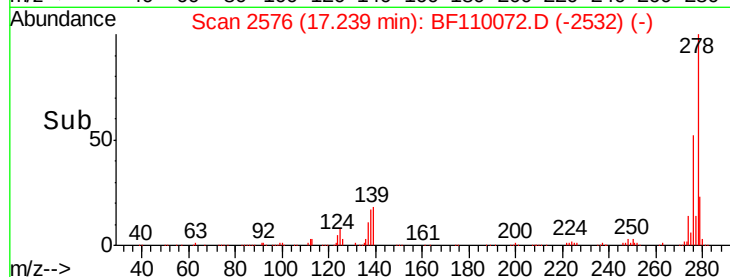
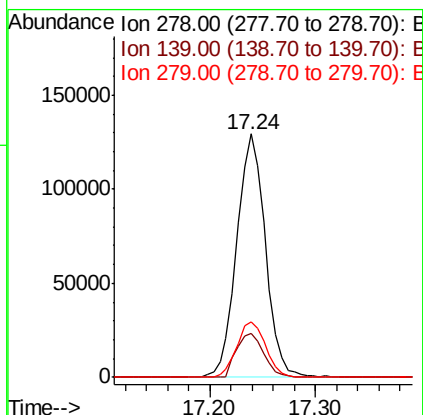
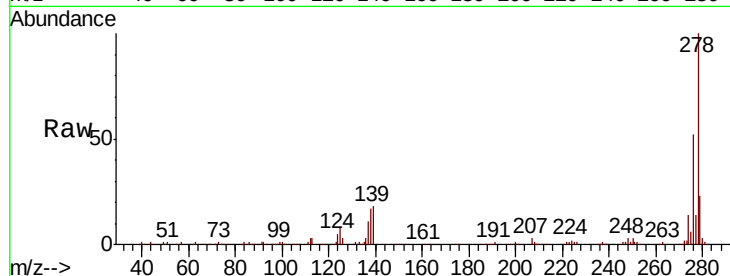




#91
Dibenzo(a,h)anthracene
Concen: 9.923 ng
RT: 17.24 min Scan# 2576
Delta R.T. -0.04 min
Lab File: BF110072.D
Acq: 23 Oct 2018 11:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.2	12.7	19.1
279	22.9	19.0	28.4



#92
Benzo(g,h,i)perylene
Concen: 9.330 ng
RT: 17.69 min Scan# 2653
Delta R.T. -0.05 min
Lab File: BF110072.D
Acq: 23 Oct 2018 11:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.8	28.2
138	23.5	16.0	24.0

