

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082918\
 Data File : BF108601.D
 Acq On : 29 Aug 2018 13:39
 Operator : JU/SJ
 Sample : PB112433BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 29 14:29:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	136923	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	511390	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	263093	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	520853	20.00	ng	0.00
75) Chrysene-d12	14.20	240	370267	20.00	ng	0.00
86) Perylene-d12	15.75	264	274523	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	734861	97.17	ng	0.02
7) Phenol-d6	6.64	99	1029750	102.46	ng	0.00
23) Nitrobenzene-d5	7.57	82	1005809	109.75	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	315080	120.06	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1892047	115.46	ng	0.00
78) Terphenyl-d14	13.13	244	1797603	123.44	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.02	88	135687	34.916	ng	88
3) Pyridine	3.77	79	354415	35.404	ng	86
4) n-Nitrosodimethylamine	3.75	42	206212	36.609	ng	# 83
6) Aniline	6.67	93	397784	29.098	ng	# 82
8) 2-Chlorophenol	6.80	128	427288	50.164	ng	99
9) Benzaldehyde	6.56	77	243678	31.273	ng	99
10) Phenol	6.65	94	519455	49.968	ng	86
11) bis(2-Chloroethyl)ether	6.74	93	375120	44.634	ng	94
12) 1,3-Dichlorobenzene	6.94	146	474666	48.195	ng	98
13) 1,4-Dichlorobenzene	7.02	146	505717	51.106	ng	98
14) 1,2-Dichlorobenzene	7.17	146	454044	49.329	ng	98
15) Benzyl Alcohol	7.15	79	366585	43.328	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.27	45	749232	43.274	ng	78
17) 2-Methylphenol	7.25	107	364101	49.846	ng	# 86
18) Hexachloroethane	7.51	117	174633	49.571	ng	92
19) n-Nitroso-di-n-propylamine	7.41	70	321260	47.271	ng	92
20) 3+4-Methylphenols	7.41	107	442954	47.321	ng	# 65
22) Acetophenone	7.41	105	628830	52.588	ng	# 87
24) Nitrobenzene	7.59	77	471597	50.889	ng	96
25) Isophorone	7.82	82	869130	49.756	ng	97
26) 2-Nitrophenol	7.90	139	222071	63.454	ng	# 90
27) 2,4-Dimethylphenol	7.93	122	397453	51.266	ng	95
28) bis(2-Chloroethoxy)methane	8.02	93	529379	51.914	ng	99
29) 2,4-Dichlorophenol	8.14	162	395904	55.491	ng	100
30) 1,2,4-Trichlorobenzene	8.22	180	414634	52.712	ng	95
31) Naphthalene	8.31	128	1279987	55.037	ng	99
32) Benzoic acid	8.08	122	176035	40.233	ng	94
33) 4-Chloroaniline	8.36	127	165801	16.359	ng	99
34) Hexachlorobutadiene	8.41	225	269898	54.200	ng	99
35) Caprolactam	8.74	113	55082	24.636	ng	# 79
36) 4-Chloro-3-methylphenol	8.84	107	408636	53.093	ng	96
37) 2-Methylnaphthalene	9.00	142	869733	52.857	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	446006	55.203	ng	98
40) Hexachlorocyclopentadiene	9.14	237	450945	86.413	ng	100

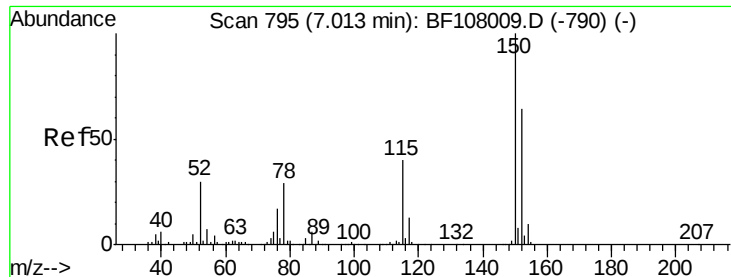
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	275729	54.996	nq	99
43) 2,4,5-Trichlorophenol	9.32	196	301163	54.567	nq	96
45) 1,1'-Biphenyl	9.47	154	1069346	55.127	nq	98
46) 2-Chloronaphthalene	9.49	162	823955	53.743	nq	98
47) 2-Nitroaniline	9.59	65	271597	54.750	nq	88
48) Acenaphthylene	9.91	152	1281994	52.892	nq	99
49) Dimethylphthalate	9.77	163	967322	52.782	nq #	99
50) 2,6-Dinitrotoluene	9.83	165	211601	55.187	nq #	86
51) Acenaphthene	10.08	154	729310	49.127	nq	99
52) 3-Nitroaniline	10.01	138	113022	26.941	nq	97
53) 2,4-Dinitrophenol	10.12	184	115677	80.560	nq #	26
54) Dibenzofuran	10.25	168	1121529	52.145	nq	94
55) 4-Nitrophenol	10.18	139	267661	84.255	nq	82
56) 2,4-Dinitrotoluene	10.24	165	271618	55.034	nq #	91
57) Fluorene	10.60	166	912088	53.570	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.38	232	258043	55.938	nq #	83
59) Diethylphthalate	10.46	149	925360	52.144	nq	97
60) 4-Chlorophenyl-phenylether	10.58	204	465437	52.463	nq	95
61) 4-Nitroaniline	10.64	138	194967	47.006	nq	88
62) Azobenzene	10.75	77	930695	50.782	nq	92
64) 4,6-Dinitro-2-methylphenol	10.65	198	94759	48.407	nq	91
65) n-Nitrosodiphenylamine	10.71	169	810164	52.637	nq	98
66) 4-Bromophenyl-phenylether	11.08	248	302029	53.359	nq #	89
67) Hexachlorobenzene	11.15	284	319361	53.624	nq #	88
68) Atrazine	11.23	200	275644	53.394	nq	98
69) Pentachlorophenol	11.35	266	283179	99.341	nq	97
70) Phenanthrene	11.57	178	1294412	52.689	nq	99
71) Anthracene	11.62	178	1342040	53.300	nq	99
72) Carbazole	11.78	167	1171223	52.354	nq	99
73) Di-n-butylphthalate	12.08	149	1401816	55.322	nq	99
74) Fluoranthene	12.77	202	1416593	52.835	nq	96
76) Benzidine	12.88	184	491919	35.558	nq	98
77) Pyrene	13.00	202	1372064	58.531	nq	99
79) Butylbenzylphthalate	13.59	149	571799	61.429	nq	98
80) Benzo(a)anthracene	14.19	228	1139463	53.623	nq	99
81) 3,3'-Dichlorobenzidine	14.15	252	172108	22.600	nq #	96
82) Chrysene	14.23	228	1046772	53.732	nq	99
83) Bis(2-ethylhexyl)phthalate	14.14	149	751103	59.587	nq	99
84) Di-n-octyl phthalate	14.77	149	1121897	58.359	nq	97
85) Indeno(1,2,3-cd)pyrene	17.38	276	854437	50.619	nq #	89
87) Benzo(b)fluoranthene	15.29	252	923187	56.279	nq #	96
88) Benzo(k)fluoranthene	15.32	252	787101	52.198	nq #	94
89) Benzo(a)pyrene	15.69	252	793516	54.020	nq #	96
90) Dibenzo(a,h)anthracene	17.39	278	718309	59.101	nq #	93
91) Benzo(g,h,i)perylene	17.88	276	727866	60.819	nq #	90

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

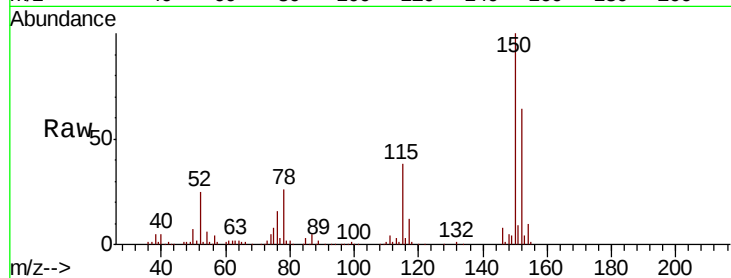


#1

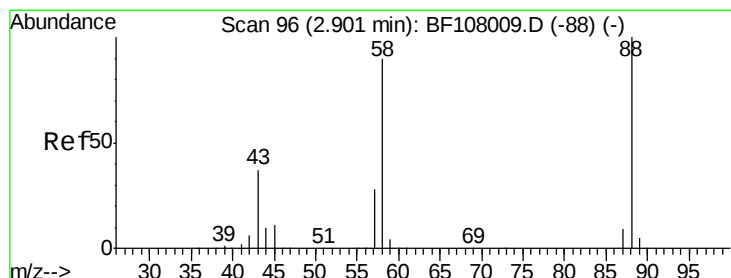
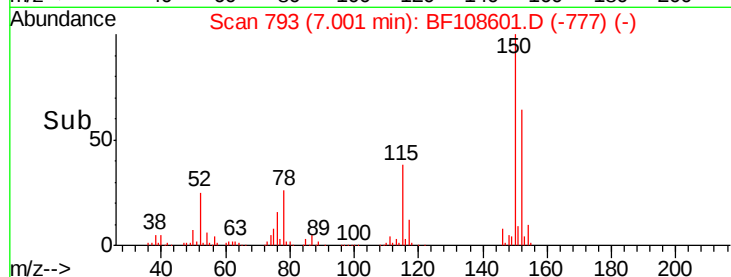
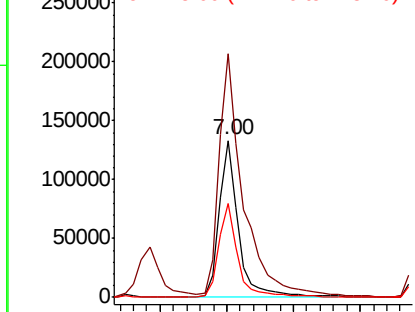
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108601.D
Acq: 29 Aug 2018 13:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.6	186.8
115	59.6	50.1	75.1



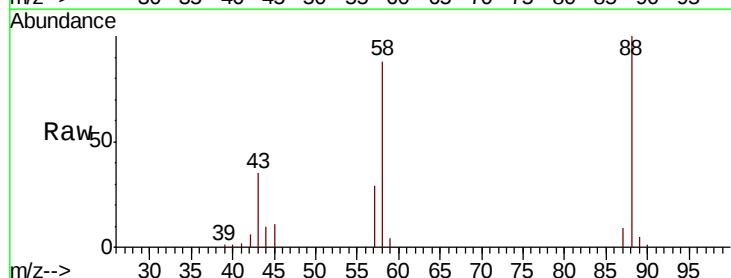
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



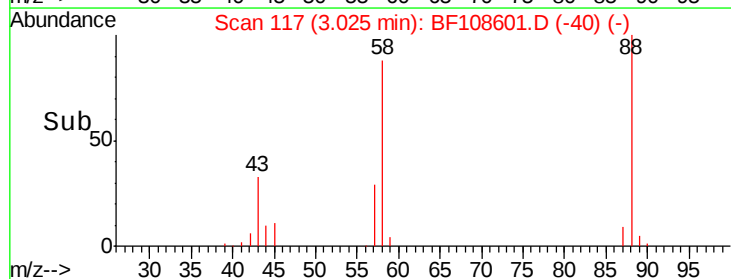
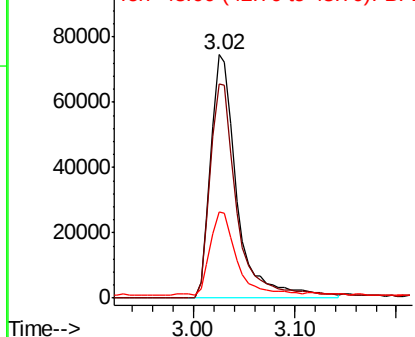
#2

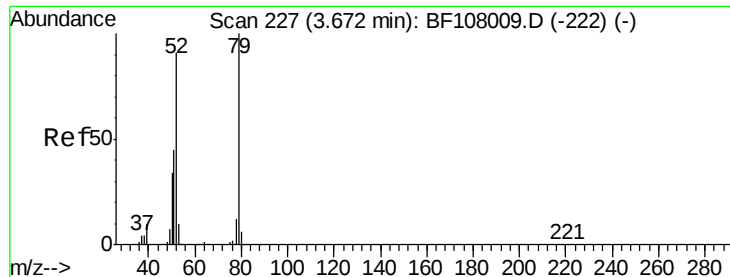
1,4-Dioxane
Concen: 34.916 ng
RT: 3.02 min Scan# 117
Delta R.T. 0.15 min
Lab File: BF108601.D
Acq: 29 Aug 2018 13:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.4	62.6	93.8
43	35.0	24.6	37.0



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: 35.404 ng

RT: 3.77 min Scan# 244

Delta R.T. 0.11 min

Lab File: BF108601.D

Acq: 29 Aug 2018 13:39

Instrument :

BNA_F

ClientSampleId :

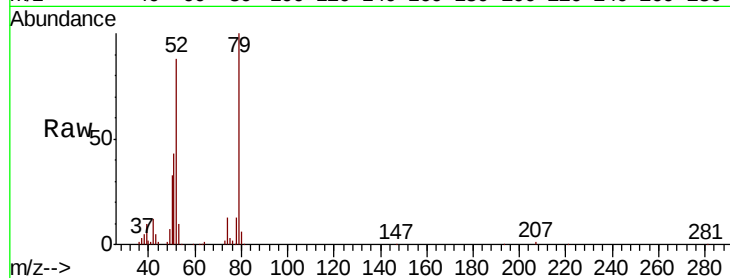
Tot Ion: 79 Resp: 354415

Ion Ratio Lower Upper

79 100

52 88.3 59.8 89.6

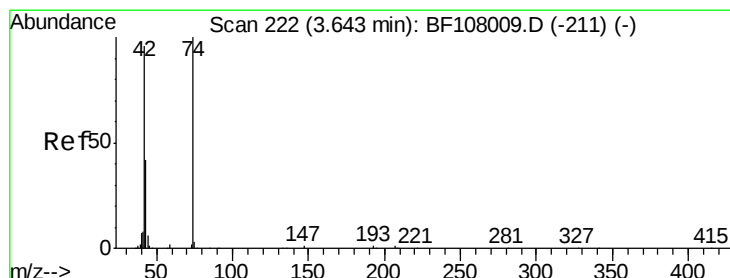
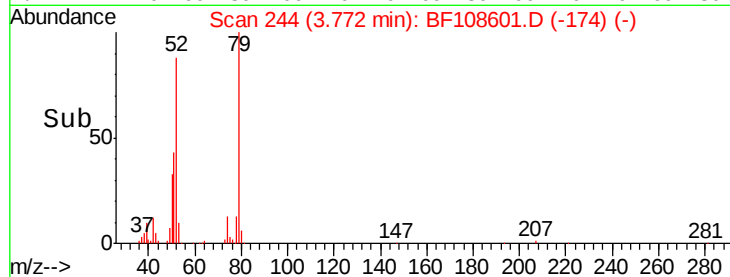
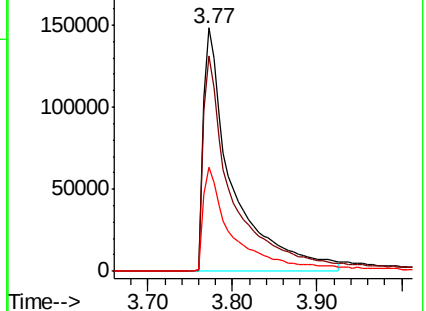
51 42.9 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 36.609 ng

RT: 3.75 min Scan# 240

Delta R.T. 0.12 min

Lab File: BF108601.D

Acq: 29 Aug 2018 13:39

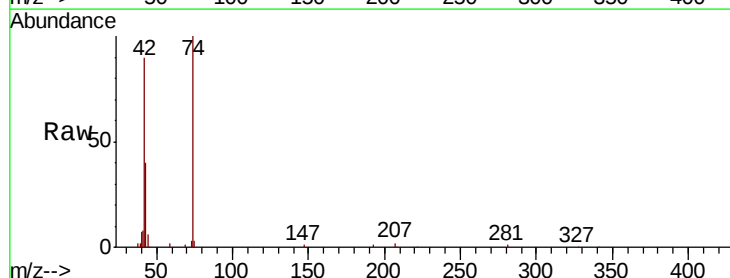
Tgt Ion: 42 Resp: 206212

Ion Ratio Lower Upper

42 100

74 110.8 104.9 157.3

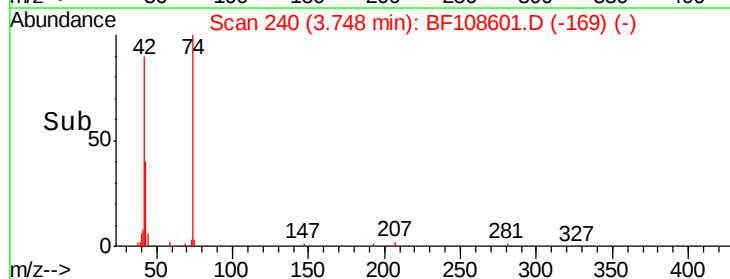
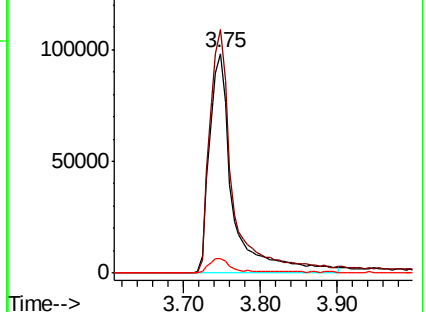
44 6.8 6.9 10.3#

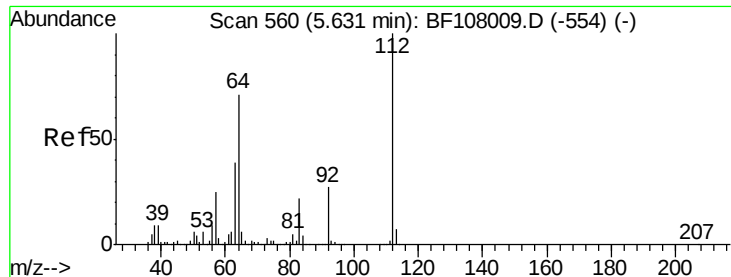


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 97.166 ng

RT: 5.65 min Scan# 563

Delta R.T. 0.02 min

Lab File: BF108601.D

Acq: 29 Aug 2018 13:39

Instrument :

BNA_F

ClientSampleId :

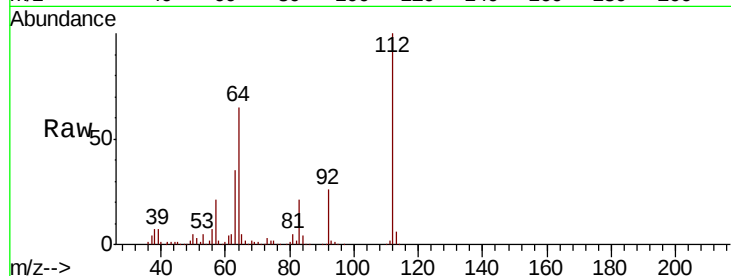
Tot Ion:112 Resp: 734861

Ion Ratio Lower Upper

112 100

64 64.9 47.9 71.9

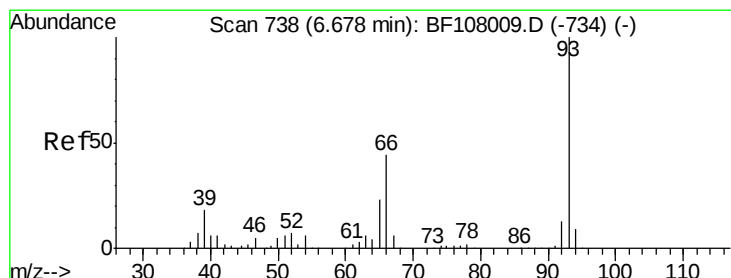
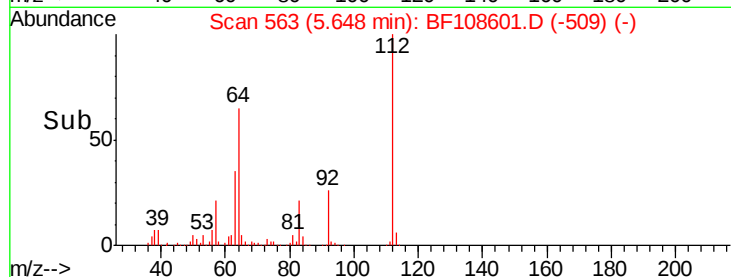
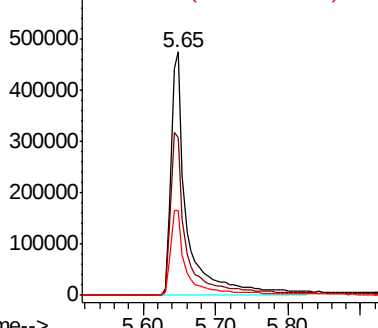
63 34.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 29.098 ng

RT: 6.67 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF108601.D

Acq: 29 Aug 2018 13:39

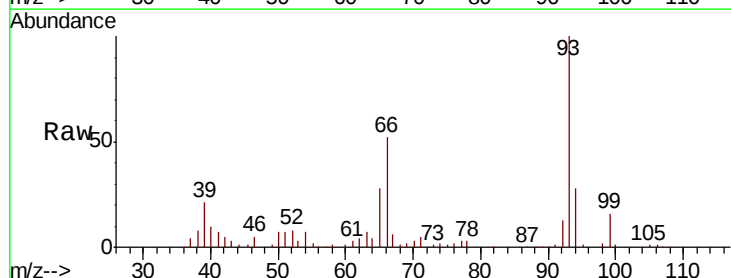
Tgt Ion: 93 Resp: 397784

Ion Ratio Lower Upper

93 100

66 51.7 32.2 48.2#

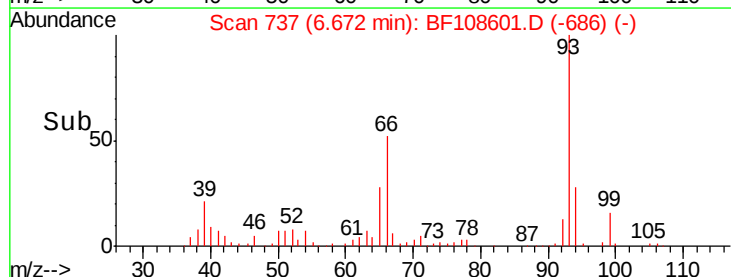
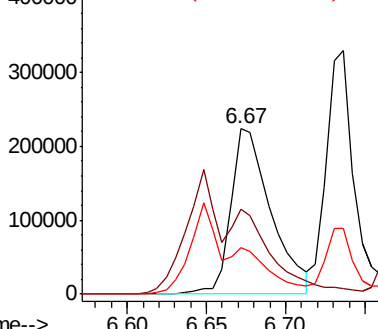
65 28.5 16.4 24.6#

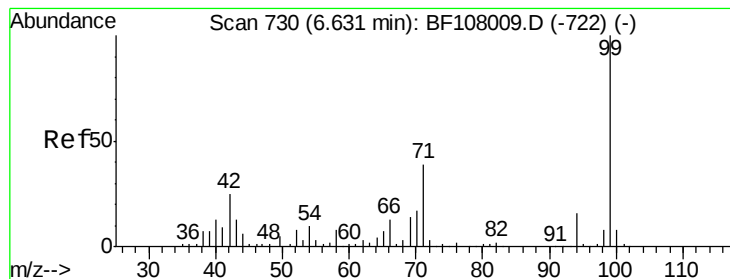


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 102.462 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108601.D

Acq: 29 Aug 2018 13:39

Instrument :

BNA_F

ClientSampleId :

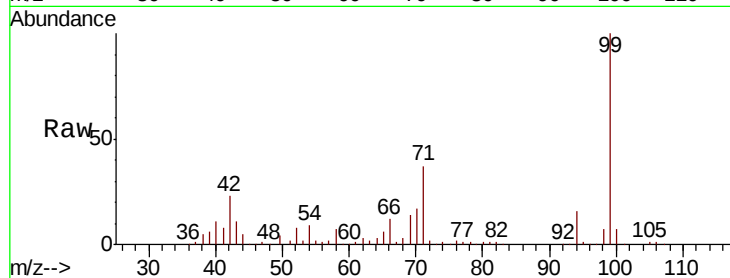
Tot Ion: 99 Resp: 1029750

Ion Ratio Lower Upper

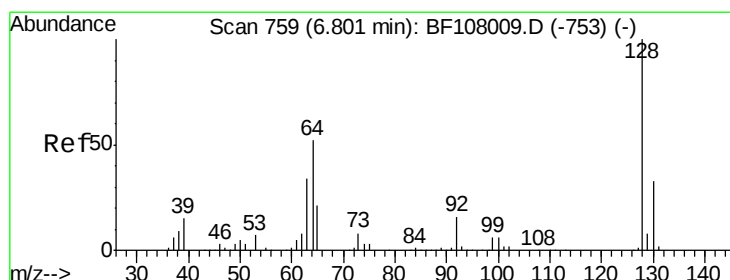
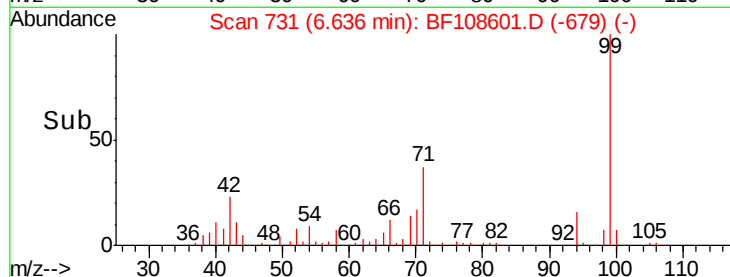
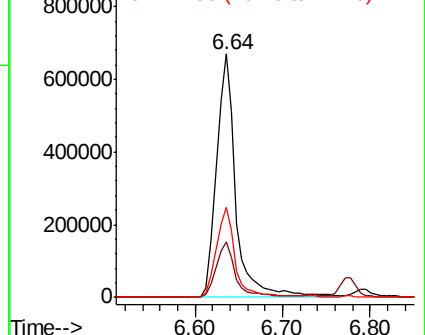
99 100

42 22.7 14.5 21.7#

71 37.0 25.4 38.0



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: 50.164 ng

RT: 6.80 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF108601.D

Acq: 29 Aug 2018 13:39

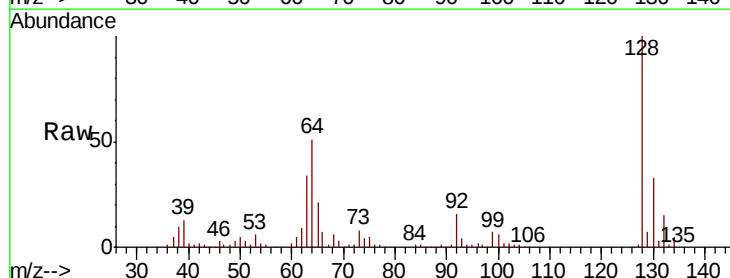
Tgt Ion:128 Resp: 427288

Ion Ratio Lower Upper

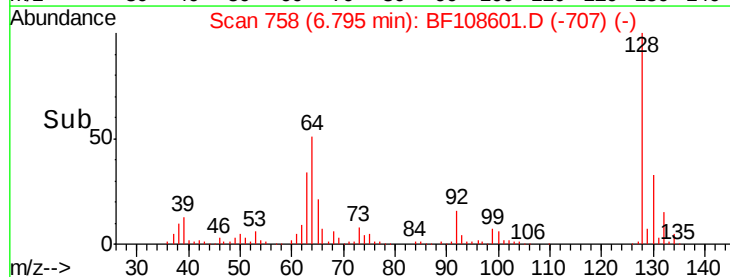
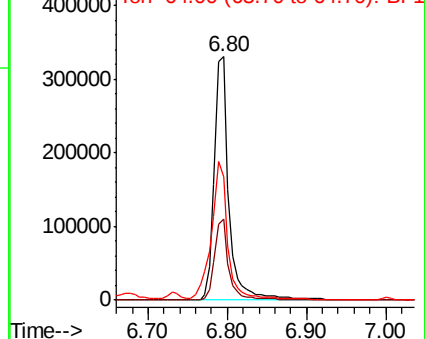
128 100

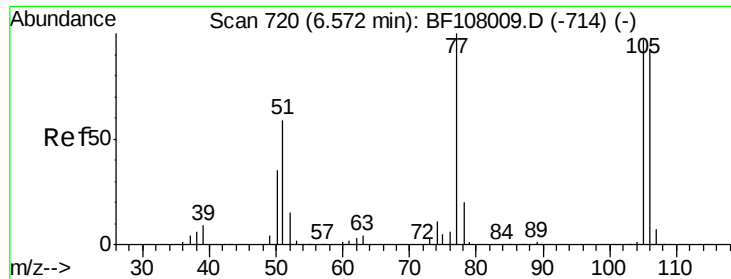
130 33.2 13.0 53.0

64 50.9 29.4 69.4



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: 31.273 ng

RT: 6.56 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF108601.D

Acq: 29 Aug 2018 13:39

Instrument :

BNA_F

ClientSampleId :

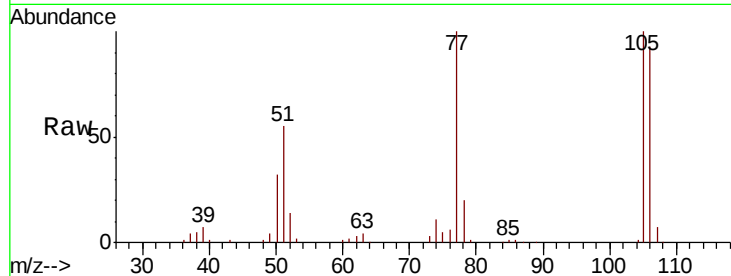
Tot Ion: 77 Resp: 243678

Ion Ratio Lower Upper

77 100

105 100.1 81.1 121.1

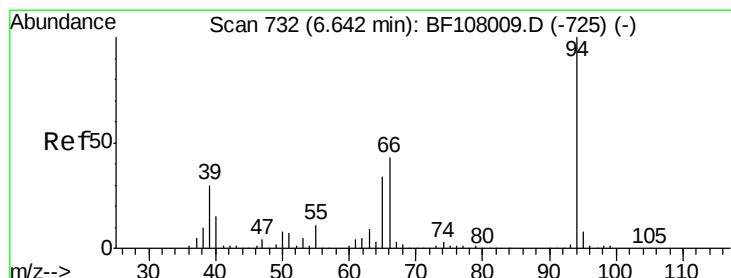
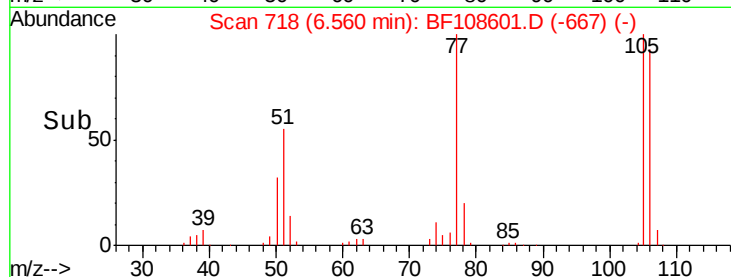
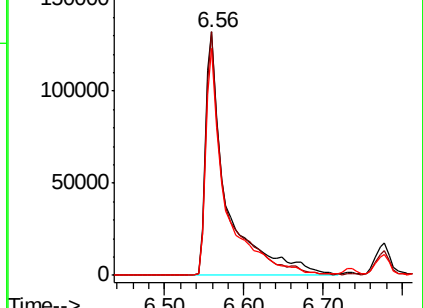
106 93.2 74.5 114.5



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: 49.968 ng

RT: 6.65 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF108601.D

Acq: 29 Aug 2018 13:39

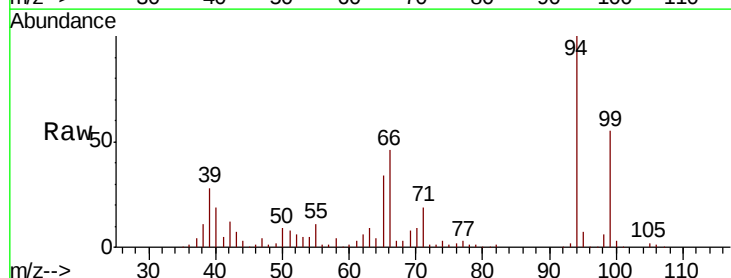
Tgt Ion: 94 Resp: 519455

Ion Ratio Lower Upper

94 100

65 33.6 7.9 47.9

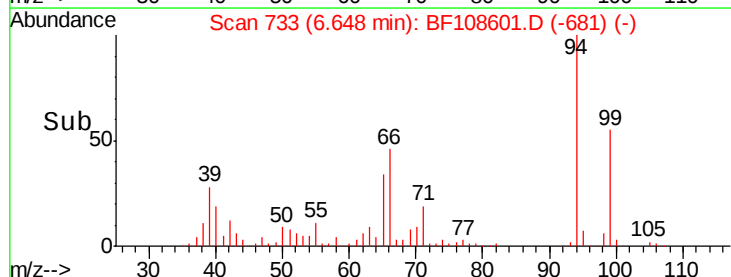
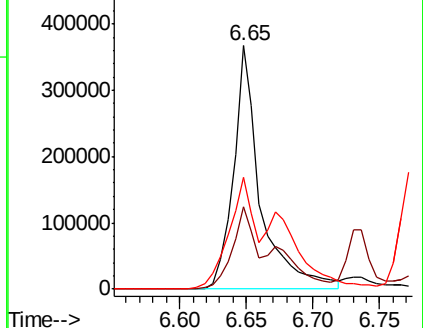
66 45.8 16.2 56.2

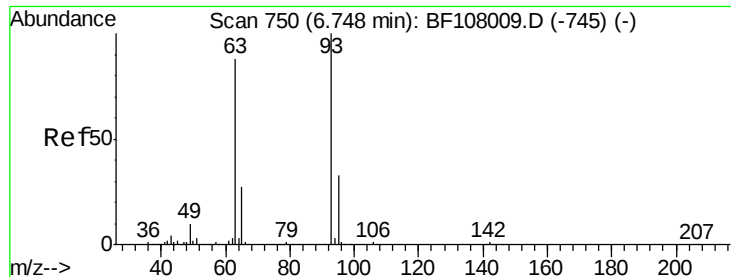


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 44.634 ng

RT: 6.74 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF108601.D

Acq: 29 Aug 2018 13:39

Instrument :

BNA_F

ClientSampleId :

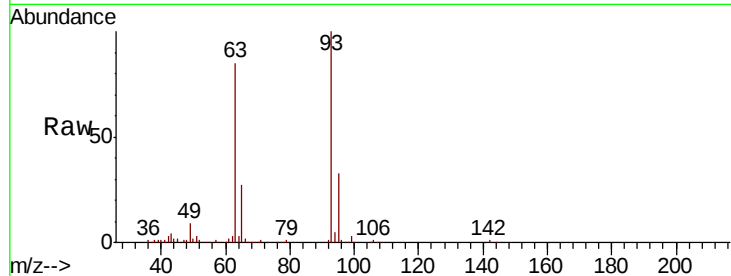
Tot Ion: 93 Resp: 375120

Ion Ratio Lower Upper

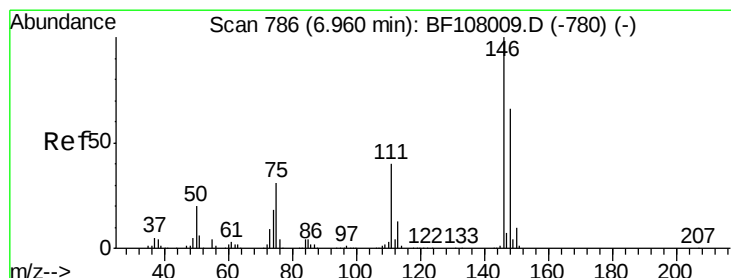
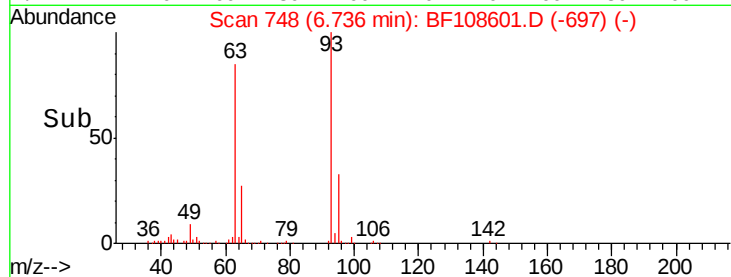
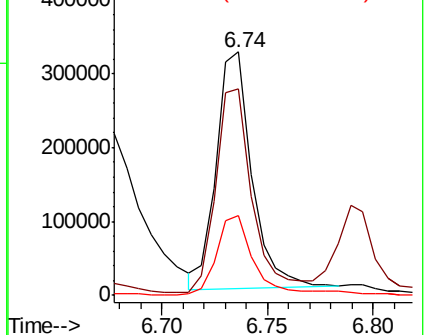
93 100

63 84.7 58.6 98.6

95 32.9 11.8 51.8



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



#12

1,3-Dichlorobenzene

Concen: 48.195 ng

RT: 6.94 min Scan# 783

Delta R.T. -0.01 min

Lab File: BF108601.D

Acq: 29 Aug 2018 13:39

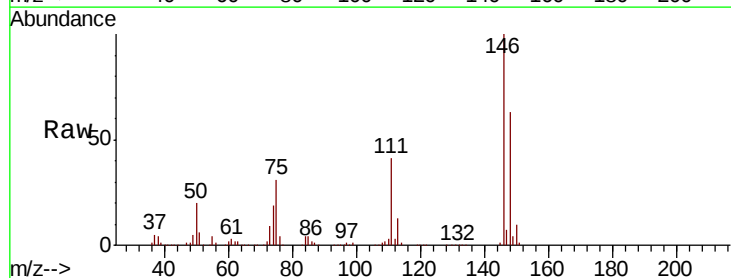
Tgt Ion: 146 Resp: 474666

Ion Ratio Lower Upper

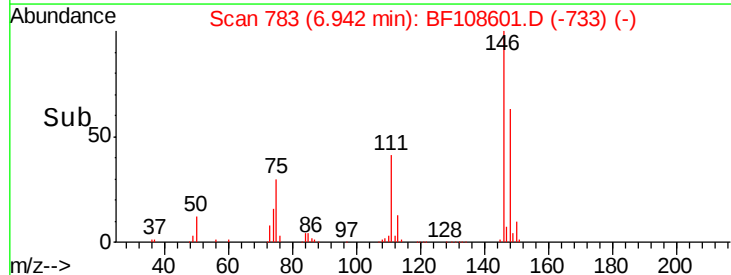
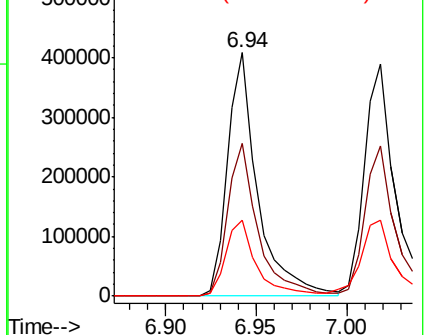
146 100

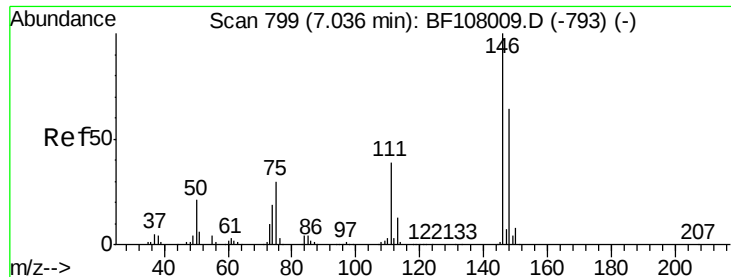
148 62.8 51.8 77.8

75 31.2 24.2 36.4



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

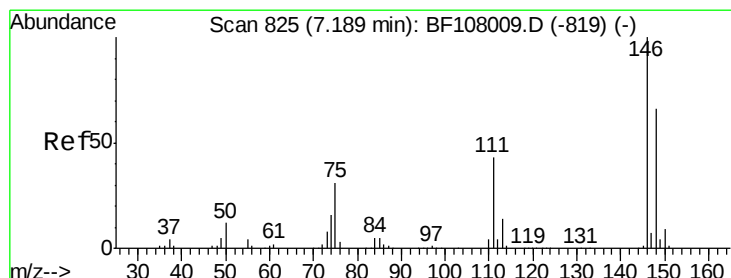
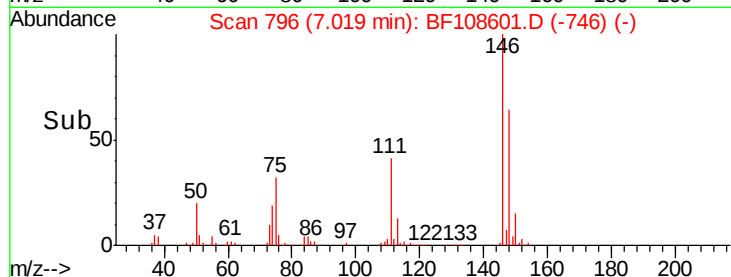
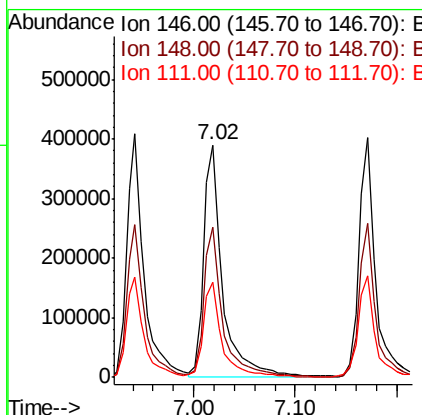
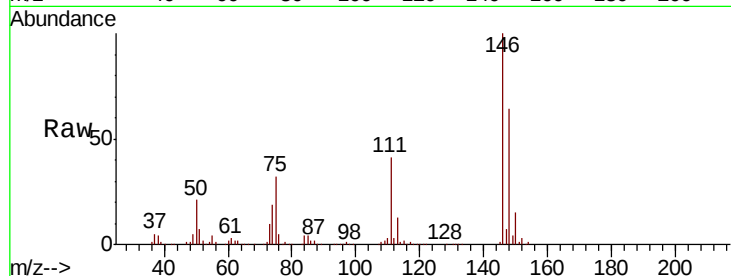




#13
 1,4-Dichlorobenzene
 Concen: 51.106 ng
 RT: 7.02 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF108601.D
 Acq: 29 Aug 2018 13:39

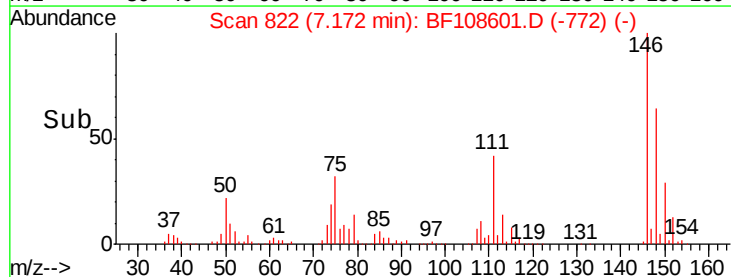
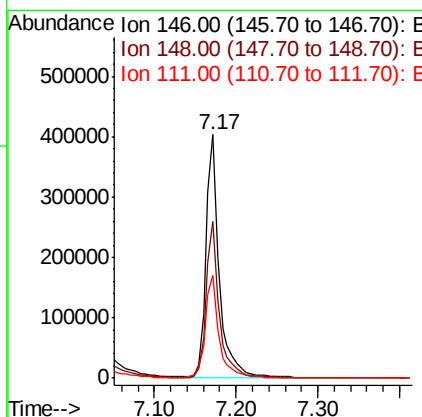
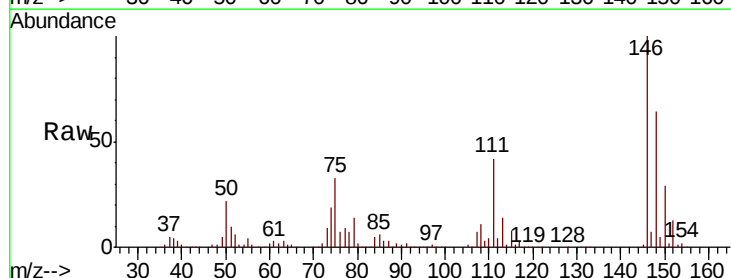
Instrument :
 BNA_F
 ClientSampleId :

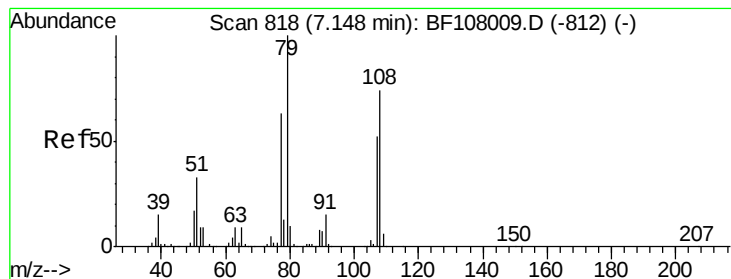
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.8	76.2
111	40.8	34.2	51.2



#14
 1,2-Dichlorobenzene
 Concen: 49.329 ng
 RT: 7.17 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BF108601.D
 Acq: 29 Aug 2018 13:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.6	75.8
111	42.4	36.0	54.0





#15

Benzyl Alcohol

Concen: 43.328 ng

RT: 7.15 min Scan# 818

Delta R.T. 0.01 min

Lab File: BF108601.D

Acq: 29 Aug 2018 13:39

Instrument :

BNA_F

ClientSampleId :

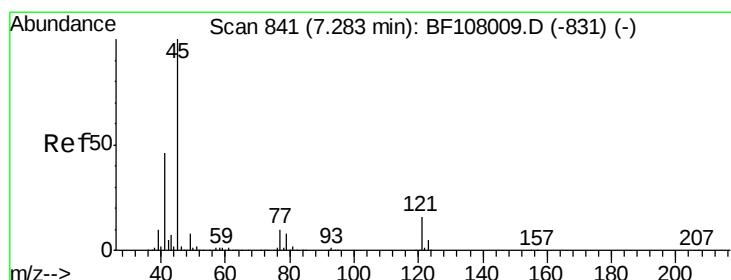
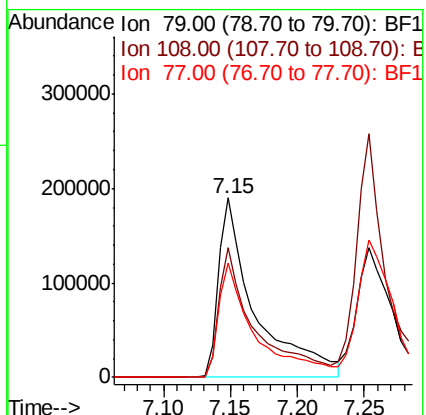
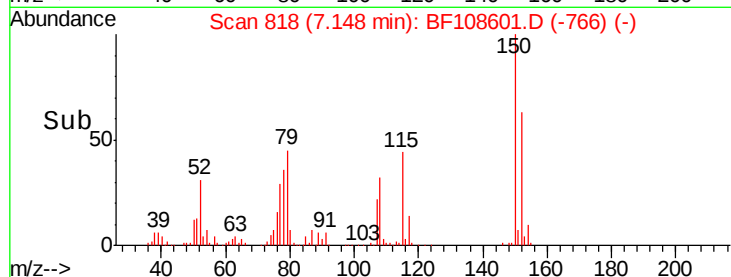
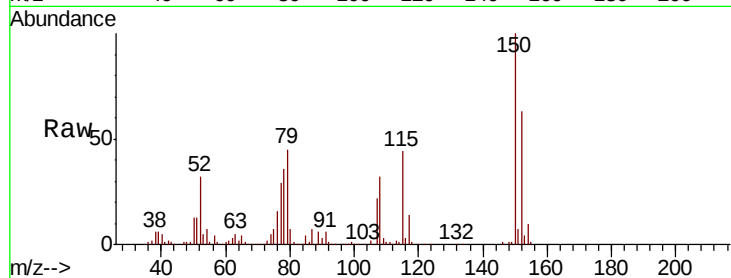
Tot Ion: 79 Resp: 366585

Ion Ratio Lower Upper

79 100

108 72.0 65.1 97.7

77 64.1 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.274 ng

RT: 7.27 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF108601.D

Acq: 29 Aug 2018 13:39

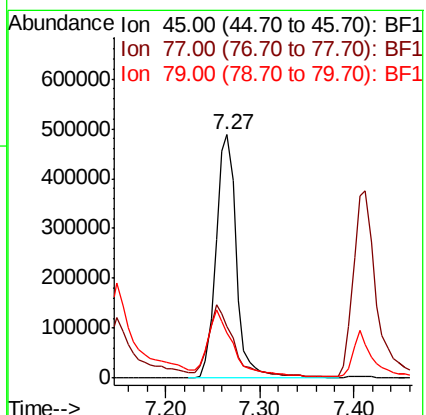
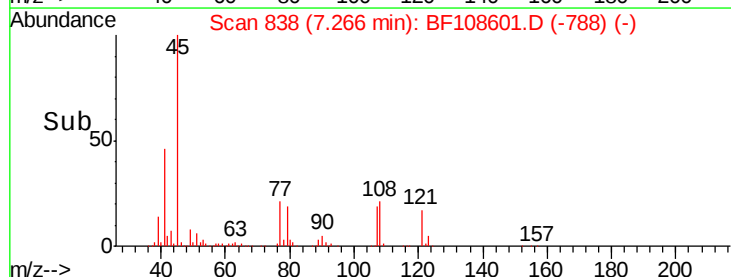
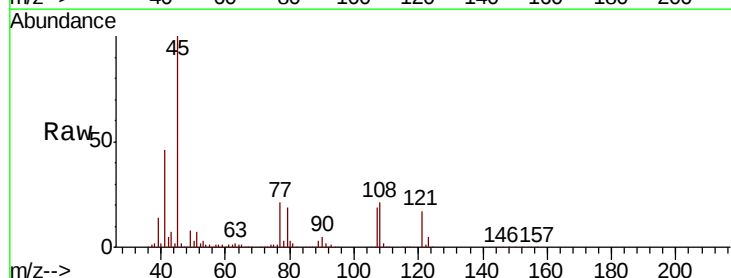
Tgt Ion: 45 Resp: 749232

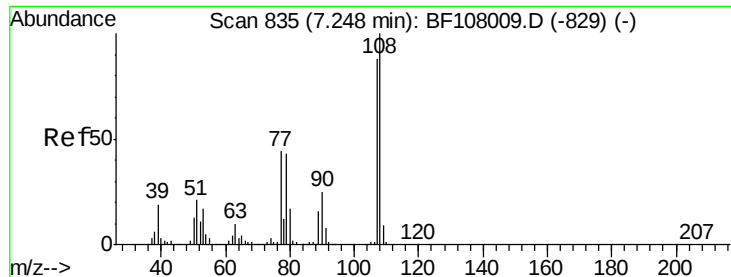
Ion Ratio Lower Upper

45 100

77 21.2 0.0 32.9

79 18.6 0.0 29.6





#17

2-Methylphenol

Concen: 49.846 ng

RT: 7.25 min Scan# 836

Delta R.T. 0.01 min

Lab File: BF108601.D

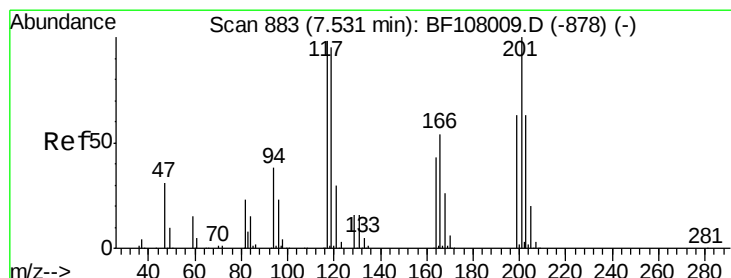
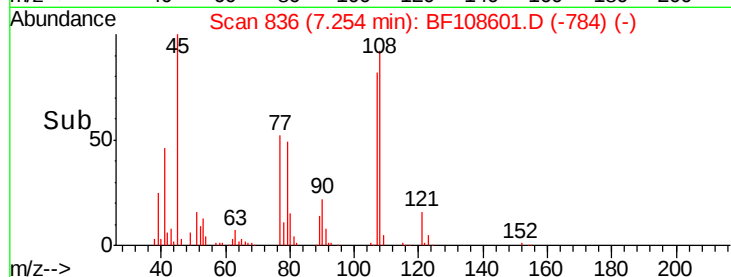
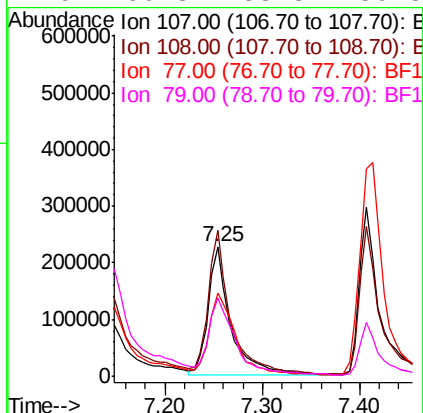
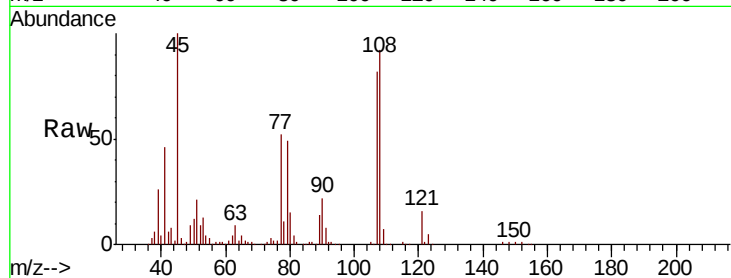
Acq: 29 Aug 2018 13:39

Instrument :

BNA_F

ClientSampled :

Tot Ion:	107	Resp:	364101
Ion	Ratio	Lower	Upper
107	100		
108	112.9	91.7	137.5
77	64.0	33.8	50.8#
79	60.3	33.8	50.8#



#18

Hexachloroethane

Concen: 49.571 ng

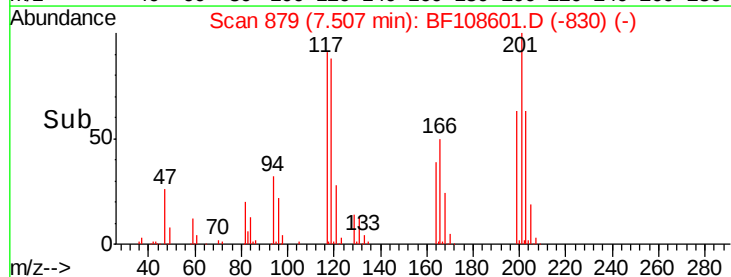
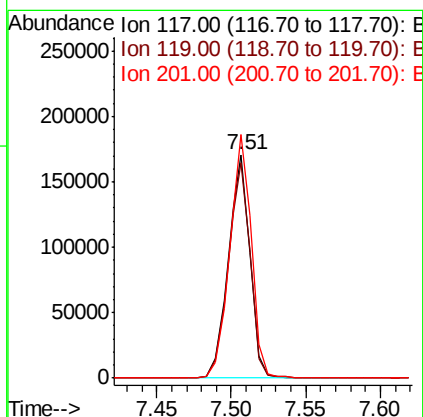
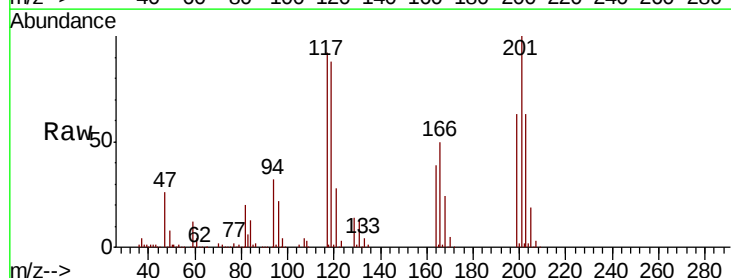
RT: 7.51 min Scan# 879

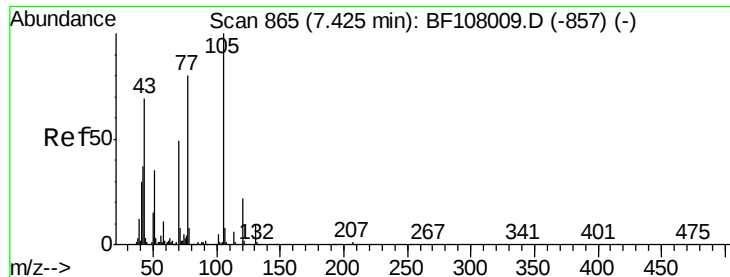
Delta R.T. -0.01 min

Lab File: BF108601.D

Acq: 29 Aug 2018 13:39

Tgt Ion:	117	Resp:	174633
Ion	Ratio	Lower	Upper
117	100		
119	96.4	75.8	113.8
201	109.0	75.7	113.5

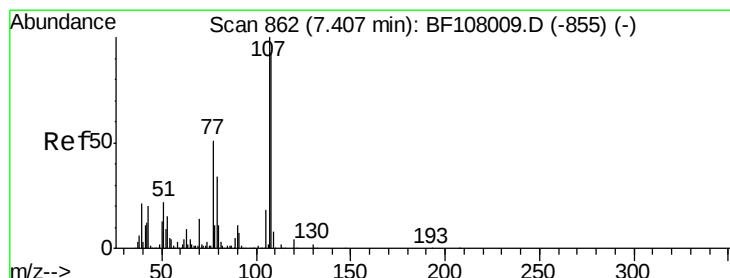
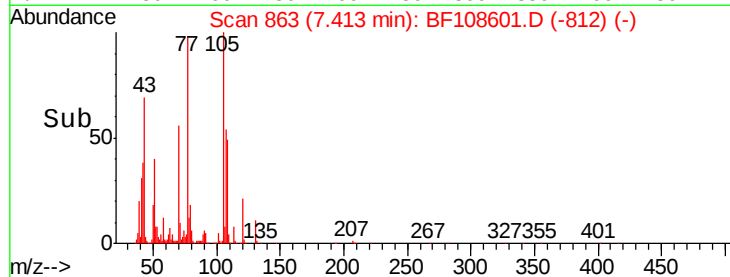
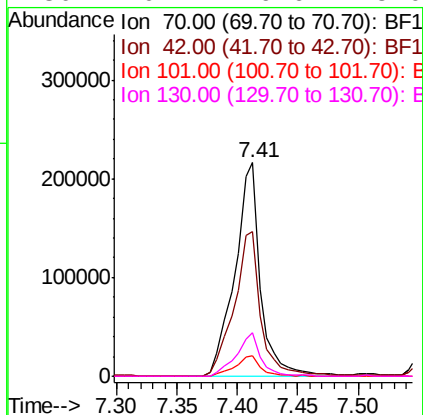
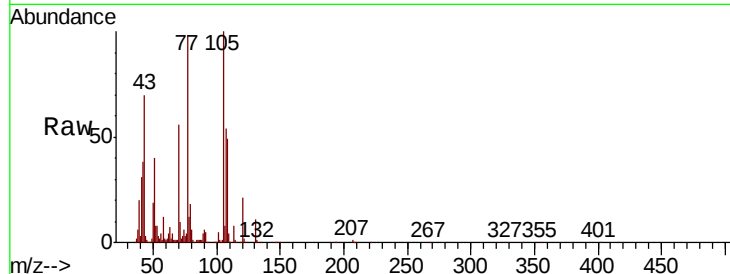




#19
n-Nitroso-di-n-propylamine
Concen: 47.271 ng
RT: 7.41 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF108601.D
Acq: 29 Aug 2018 13:39

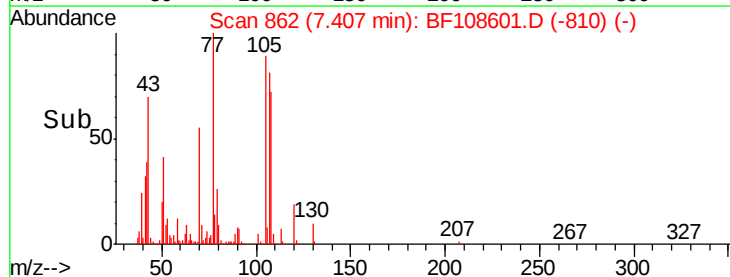
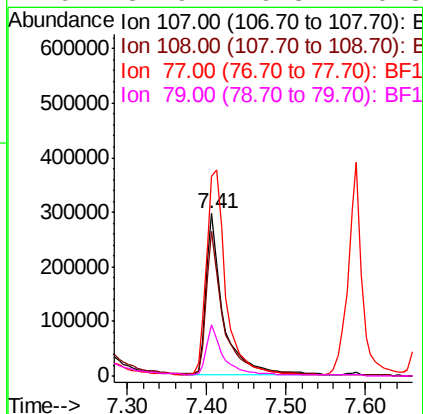
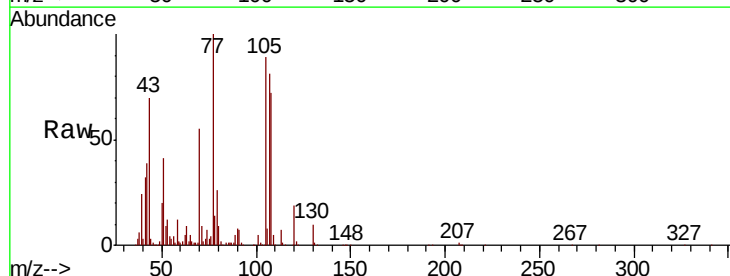
Instrument :
BNA_F
ClientSampleId :

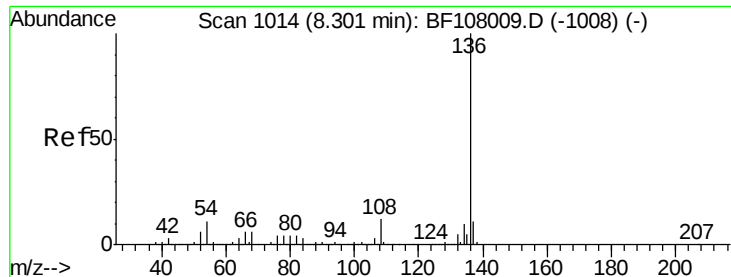
Tot Ion: 70 Resp: 321260
Ion Ratio Lower Upper
70 100
42 67.7 47.5 71.3
101 9.8 7.4 11.2
130 20.2 16.6 25.0



#20
3+4-Methylphenols
Concen: 47.321 ng
RT: 7.41 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF108601.D
Acq: 29 Aug 2018 13:39

Tgt Ion:107 Resp: 442954
Ion Ratio Lower Upper
107 100
108 88.8 68.2 108.2
77 123.0 26.7 66.7#
79 31.9 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.28 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF108601.D

Acq: 29 Aug 2018 13:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 511390

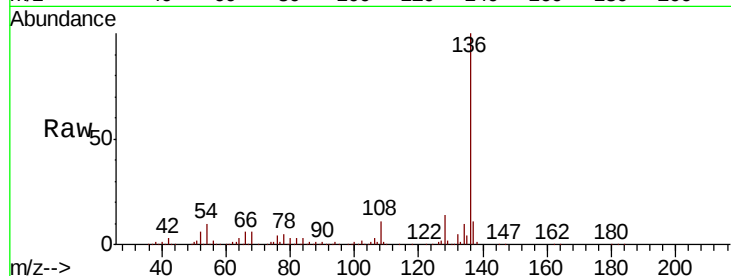
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.7 6.6 9.8

68 5.7 5.0 7.4

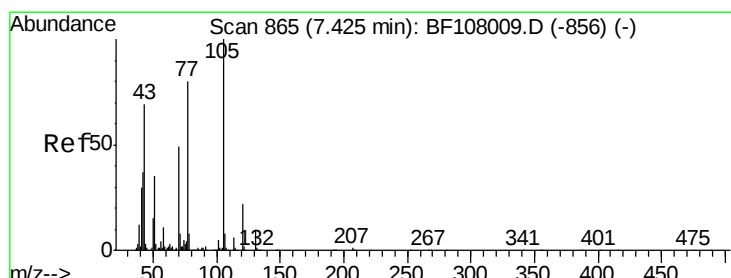
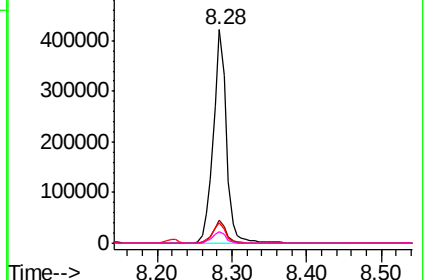
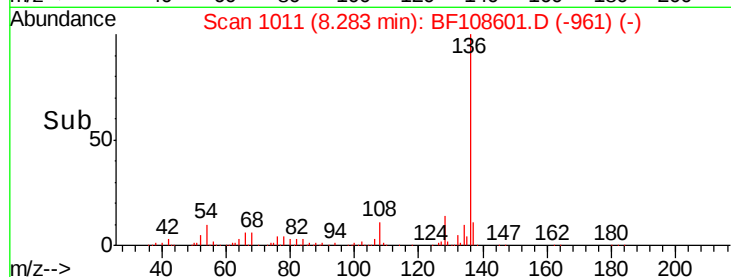


Abundance Ion 136.00 (135.70 to 136.70): E

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: 52.588 ng

RT: 7.41 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF108601.D

Acq: 29 Aug 2018 13:39

Tgt Ion:105 Resp: 628830

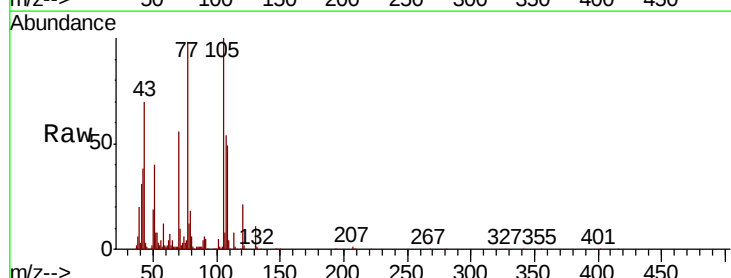
Ion Ratio Lower Upper

105 100

71 9.6 4.4 6.6#

51 39.7 22.3 33.5#

120 21.1 16.9 25.3

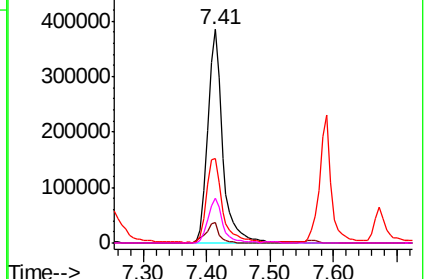
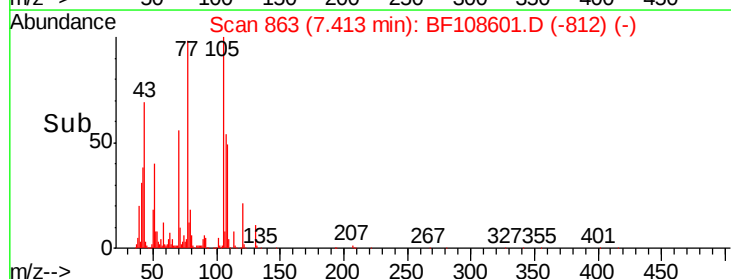


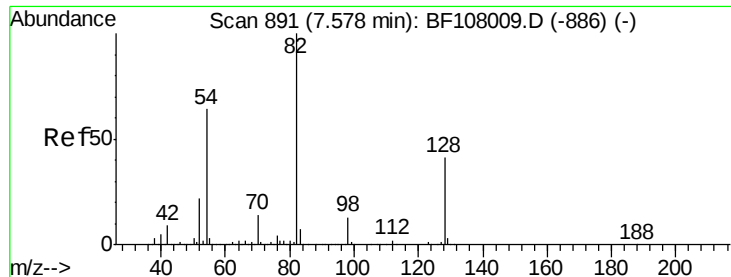
Abundance Ion 105.00 (104.70 to 105.70): E

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

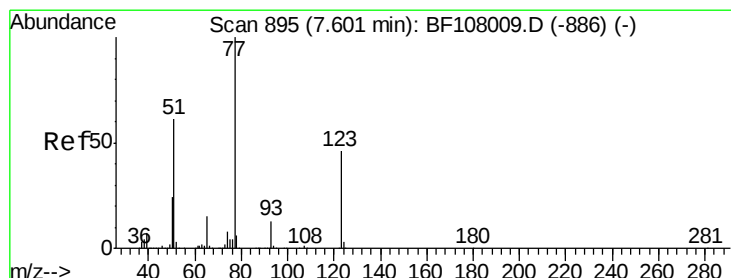
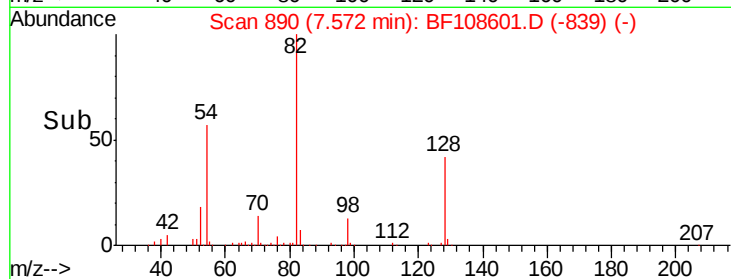
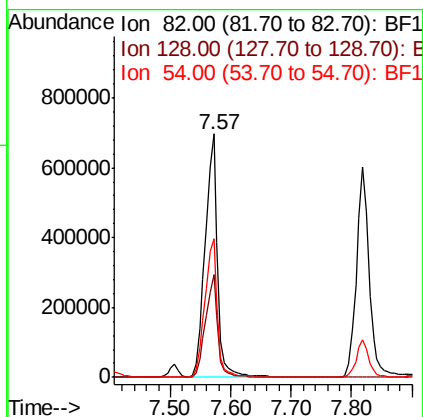
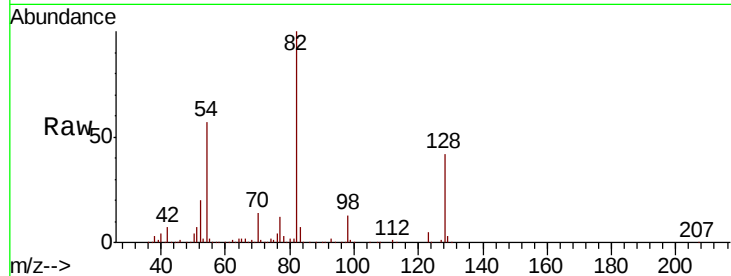




#23
 Nitrobenzene-d5
 Concen: 109.751 ng
 RT: 7.57 min Scan# 890
 Delta R.T. -0.00 min
 Lab File: BF108601.D
 Acq: 29 Aug 2018 13:39

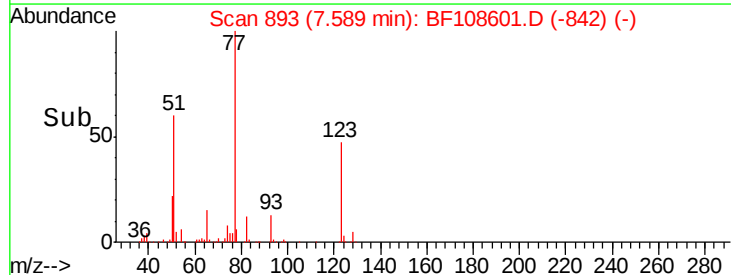
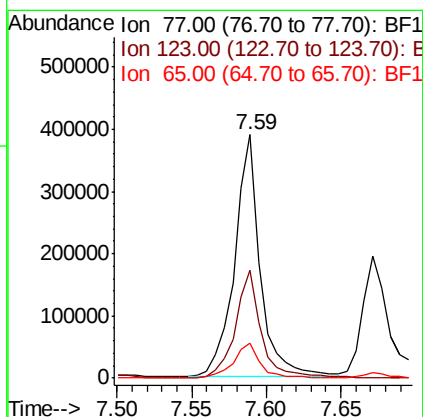
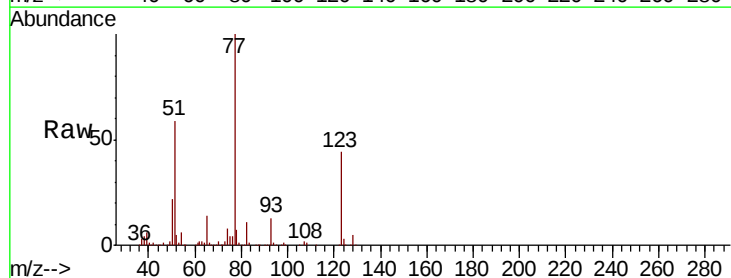
Instrument :
 BNA_F
 ClientSampleID :

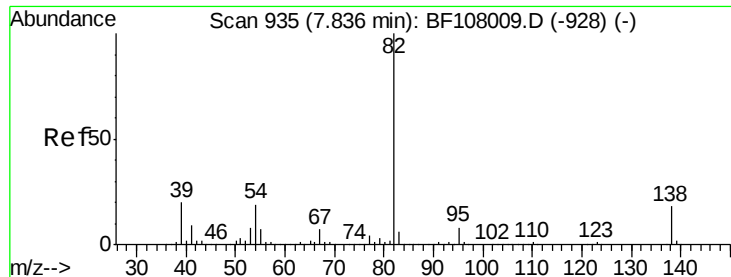
Tot Ion: 82 Resp: 1005809
 Ion Ratio Lower Upper
 82 100
 128 42.2 36.1 54.1
 54 57.2 41.4 62.2



#24
 Nitrobenzene
 Concen: 50.889 ng
 RT: 7.59 min Scan# 893
 Delta R.T. -0.00 min
 Lab File: BF108601.D
 Acq: 29 Aug 2018 13:39

Tgt Ion: 77 Resp: 471597
 Ion Ratio Lower Upper
 77 100
 123 44.5 37.9 56.9
 65 14.5 11.0 16.4

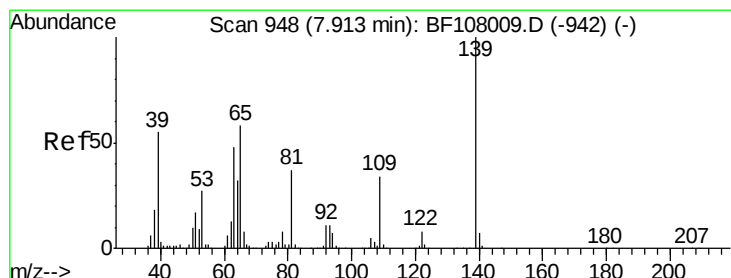
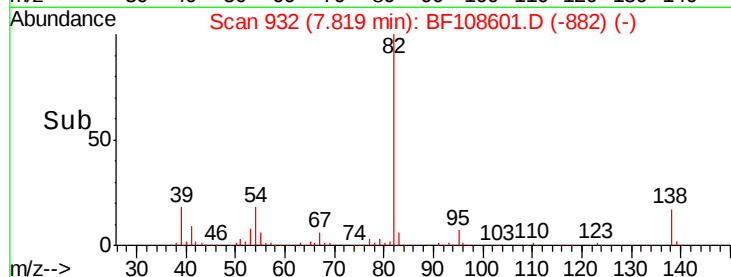
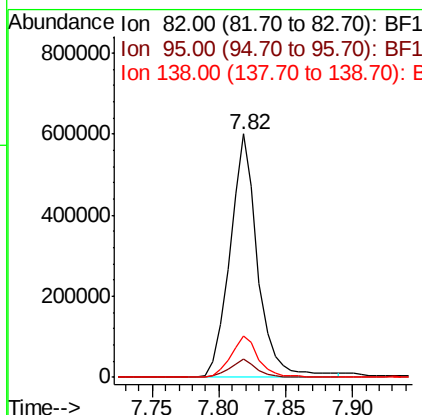
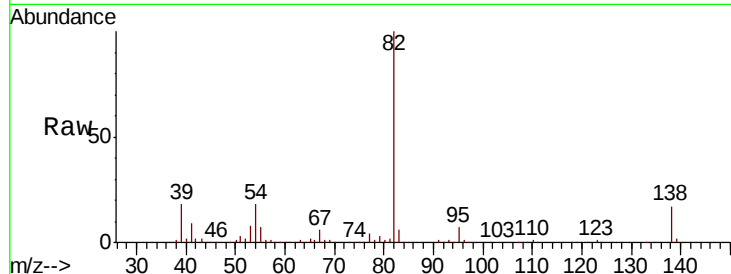




#25
Isophorone
Concen: 49.756 ng
RT: 7.82 min Scan# 932
Delta R.T. -0.01 min
Lab File: BF108601.D
Acq: 29 Aug 2018 13:39

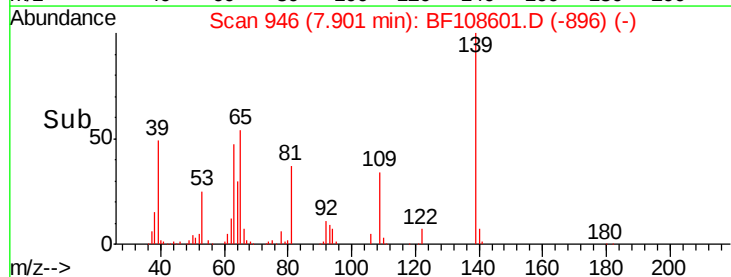
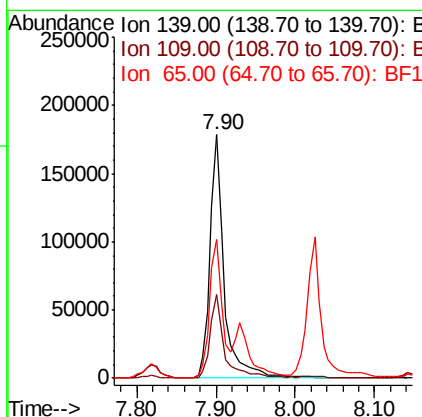
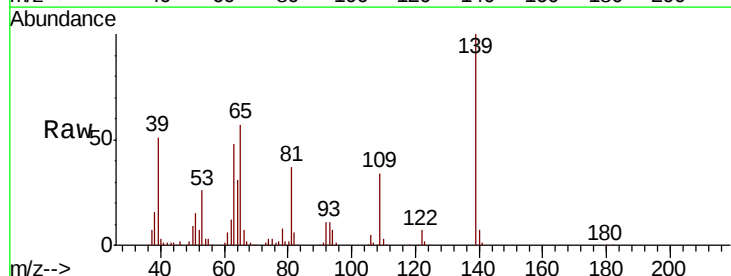
Instrument :
BNA_F
ClientSampleId :

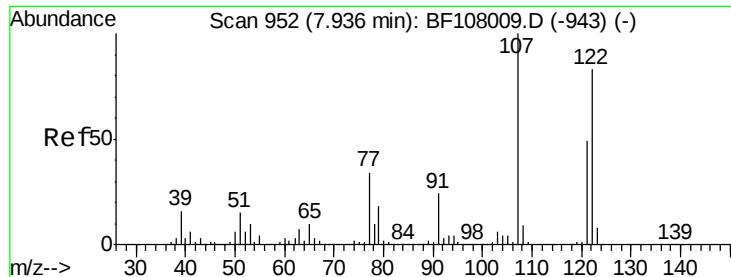
Tot Ion: 82 Resp: 869130
Ion Ratio Lower Upper
82 100
95 7.4 5.2 7.8
138 16.9 14.9 22.3



#26
2-Nitrophenol
Concen: 63.454 ng
RT: 7.90 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF108601.D
Acq: 29 Aug 2018 13:39

Tgt Ion: 139 Resp: 222071
Ion Ratio Lower Upper
139 100
109 34.4 22.7 34.1#
65 57.0 40.5 60.7

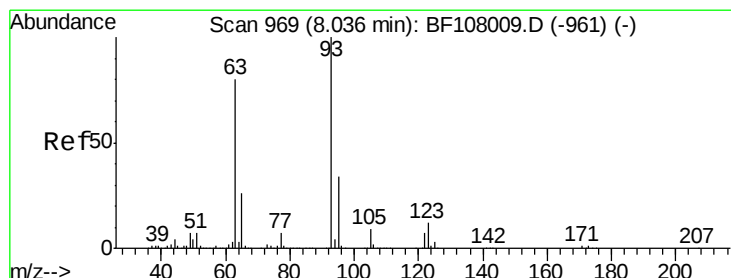
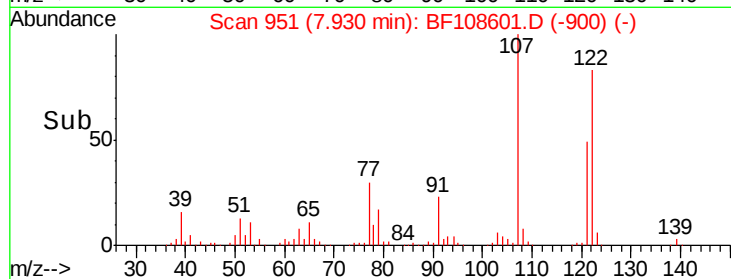
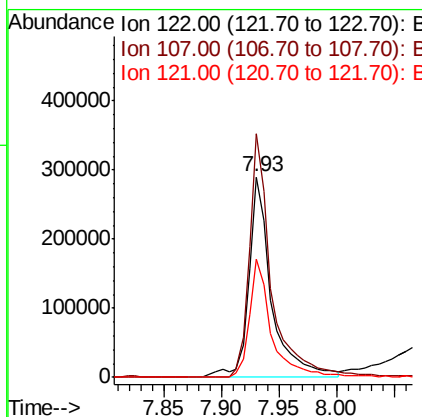
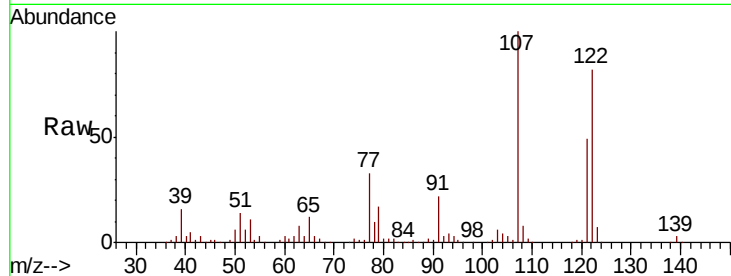




#27
2,4-Dimethylphenol
Concen: 51.266 ng
RT: 7.93 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF108601.D
Acq: 29 Aug 2018 13:39

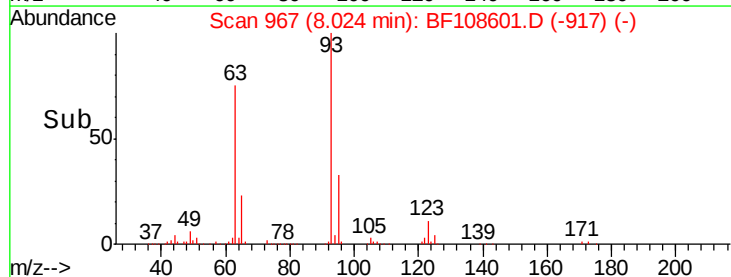
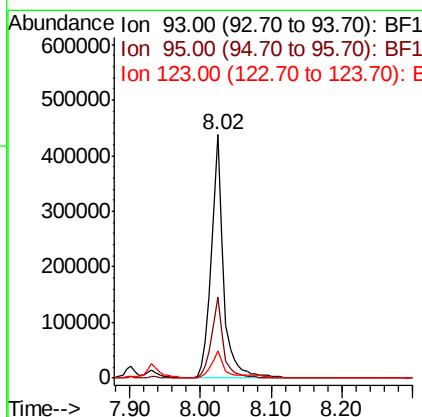
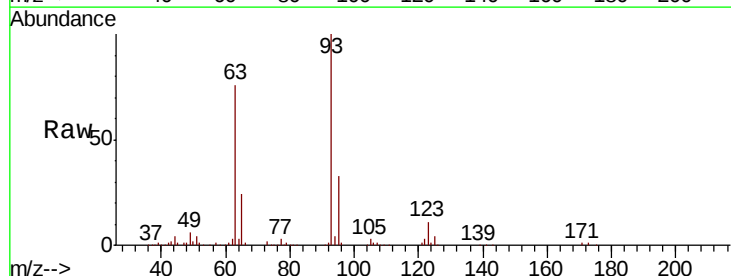
Instrument :
BNA_F
ClientSampled :

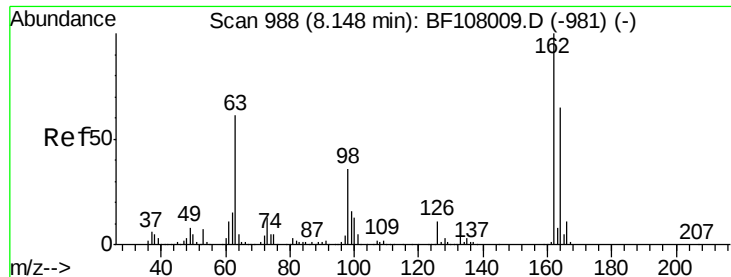
Tot Ion:122 Resp: 397453
Ion Ratio Lower Upper
122 100
107 121.6 91.2 136.8
121 59.2 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 51.914 ng
RT: 8.02 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF108601.D
Acq: 29 Aug 2018 13:39

Tgt Ion: 93 Resp: 529379
Ion Ratio Lower Upper
93 100
95 33.2 26.3 39.5
123 11.1 9.8 14.6

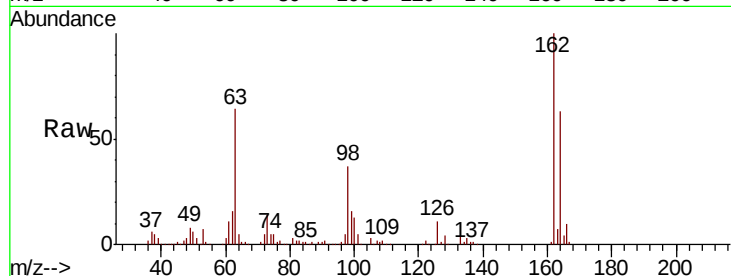




#29
2,4-Dichlorophenol
Concen: 55.491 ng
RT: 8.14 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF108601.D
Acq: 29 Aug 2018 13:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.7	42.7	82.7
98	37.5	18.1	58.1

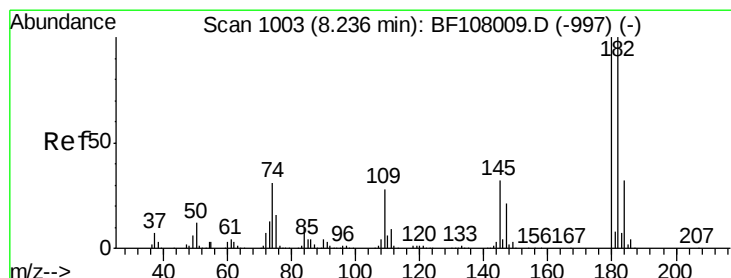
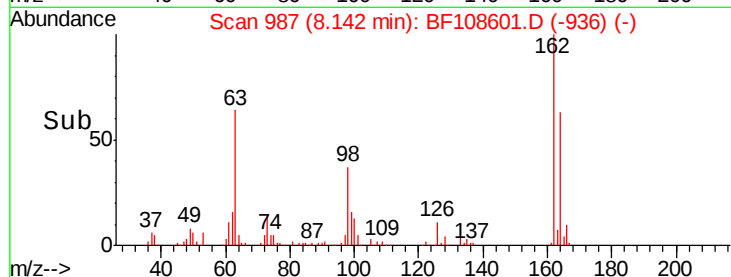
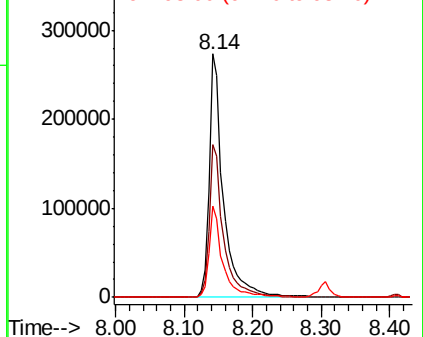


Abundance

Ion 162.00 (161.70 to 162.70): E

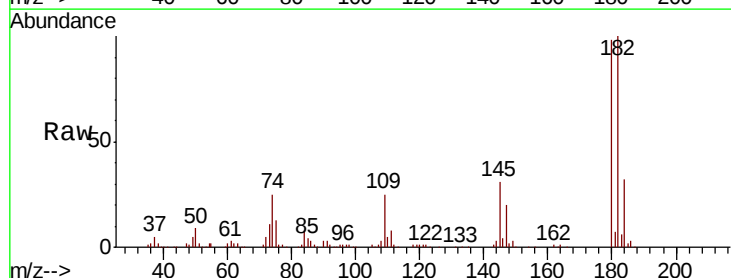
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 52.712 ng
RT: 8.22 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF108601.D
Acq: 29 Aug 2018 13:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.7	76.8	115.2
145	31.0	26.5	39.7

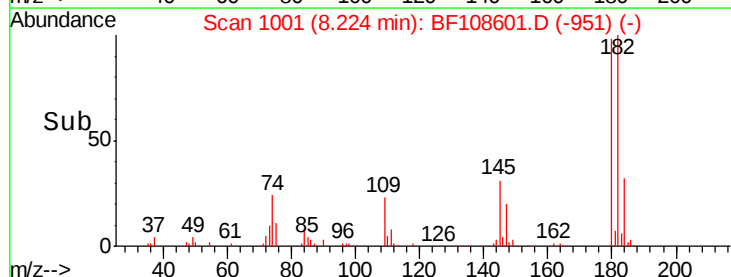
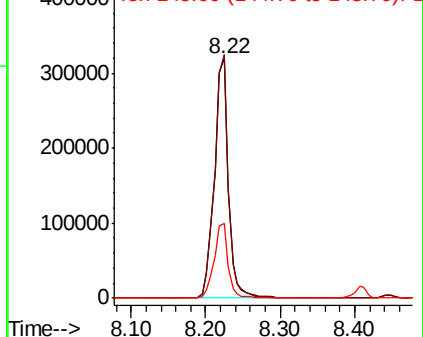


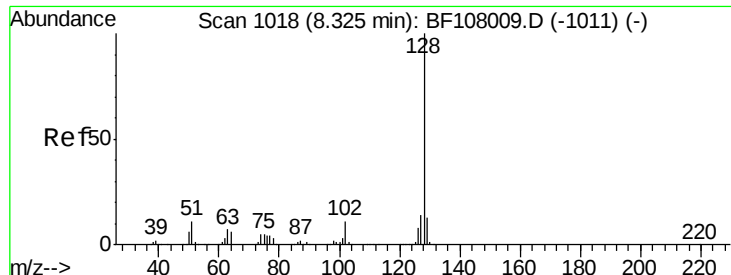
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

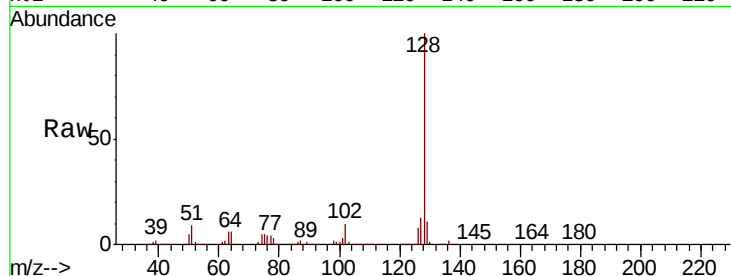




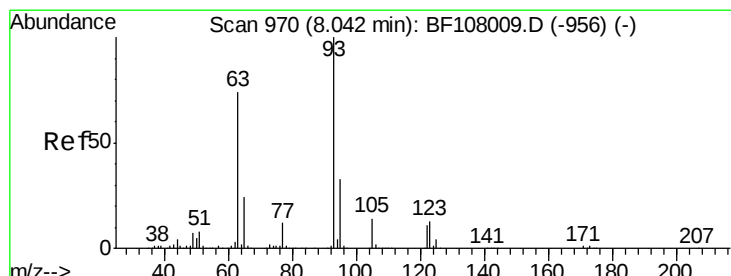
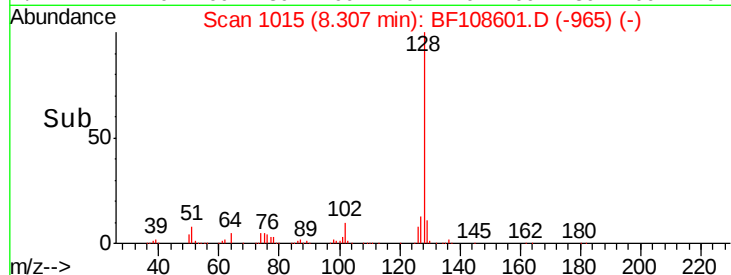
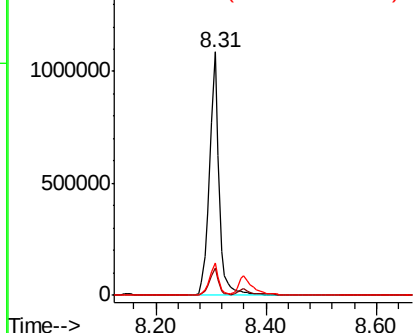
#31
Naphthalene
Concen: 55.037 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF108601.D
Acq: 29 Aug 2018 13:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1279987
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.4 10.9 16.3

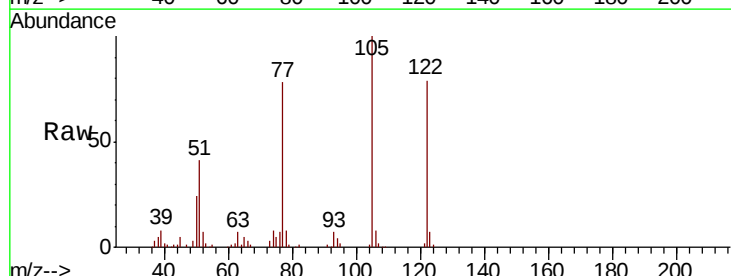


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

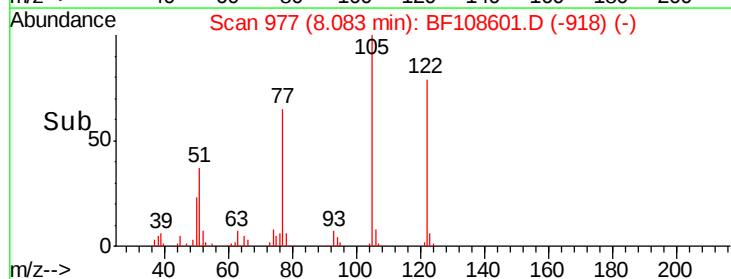
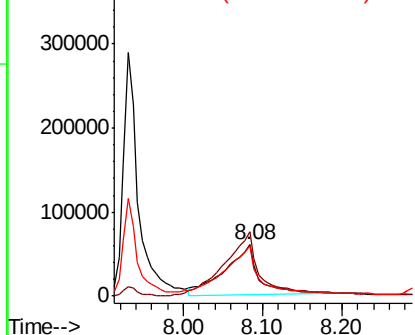


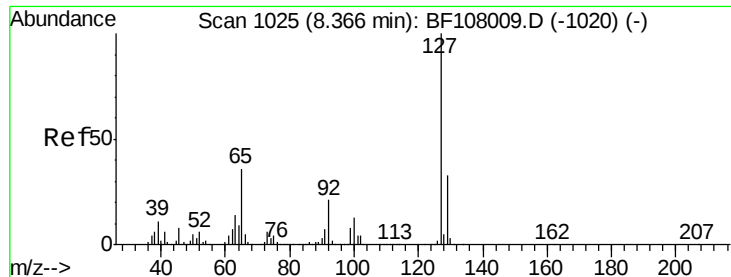
#32
Benzoic acid
Concen: 40.233 ng
RT: 8.08 min Scan# 977
Delta R.T. 0.05 min
Lab File: BF108601.D
Acq: 29 Aug 2018 13:39

Tgt Ion:122 Resp: 176035
Ion Ratio Lower Upper
122 100
105 126.9 101.1 141.1
77 98.4 70.7 110.7



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

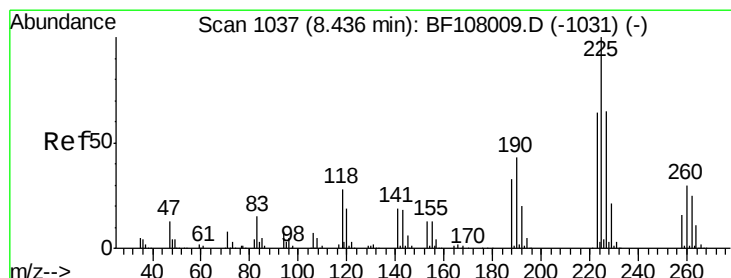
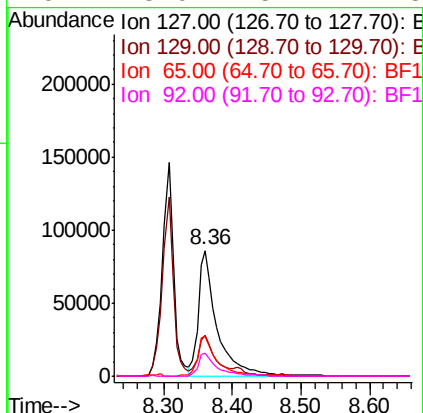
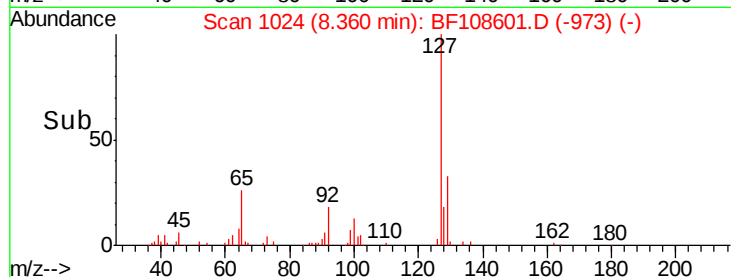
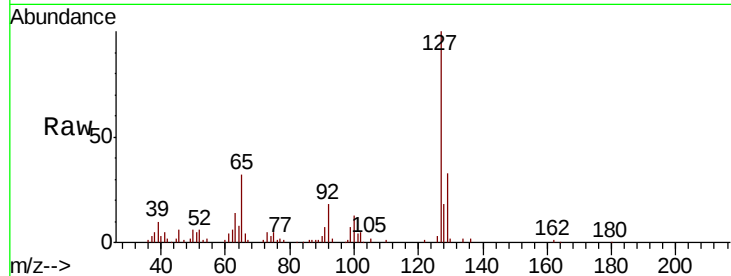




#33
4-Chloroaniline
Concen: 16.359 ng
RT: 8.36 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF108601.D
Acq: 29 Aug 2018 13:39

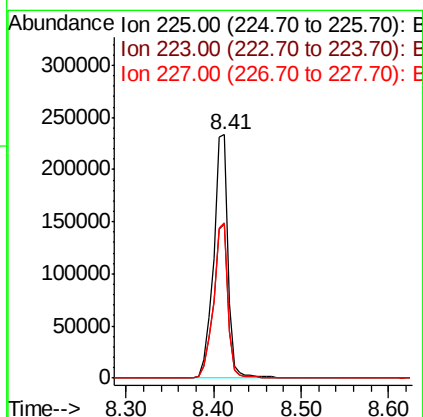
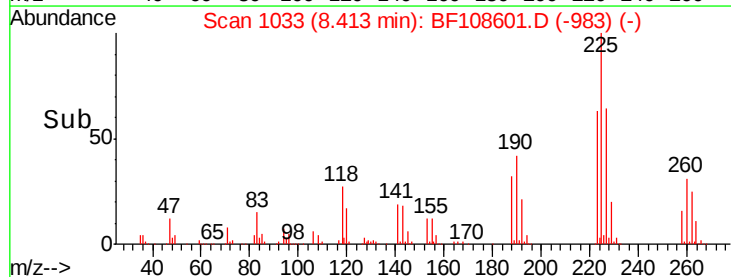
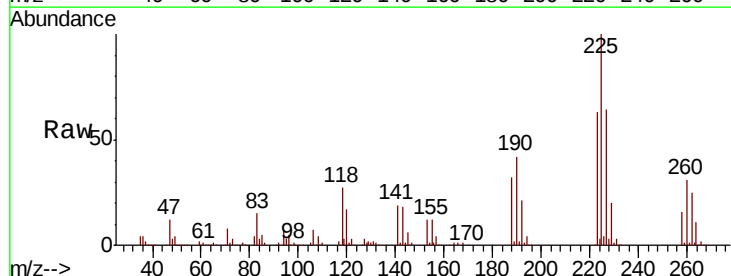
Instrument :
BNA_F
ClientSampleId :

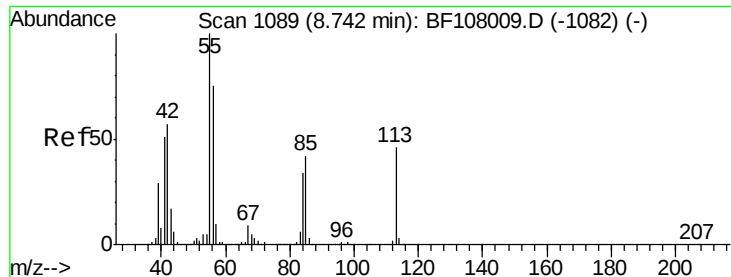
Tot Ion:	127	Resp:	165801
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.9	38.9
65	31.8	25.0	37.4
92	18.0	15.2	22.8



#34
Hexachlorobutadiene
Concen: 54.200 ng
RT: 8.41 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF108601.D
Acq: 29 Aug 2018 13:39

Tgt Ion:	225	Resp:	269898
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.6	76.0
227	64.0	51.9	77.9

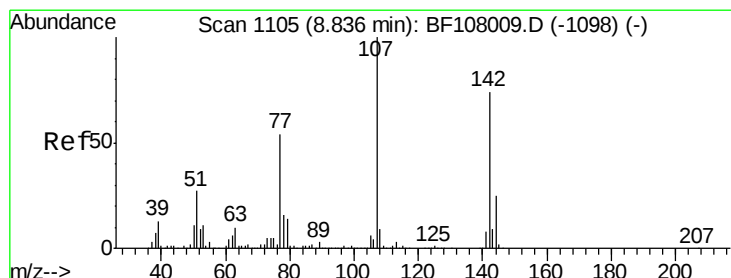
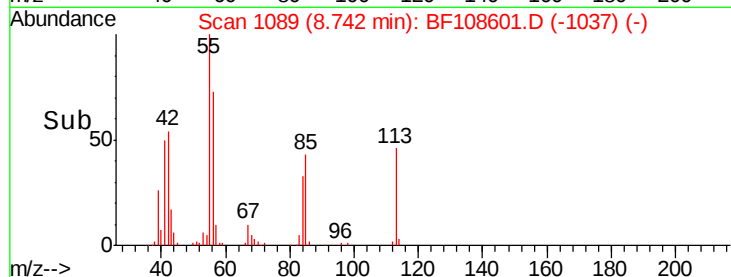
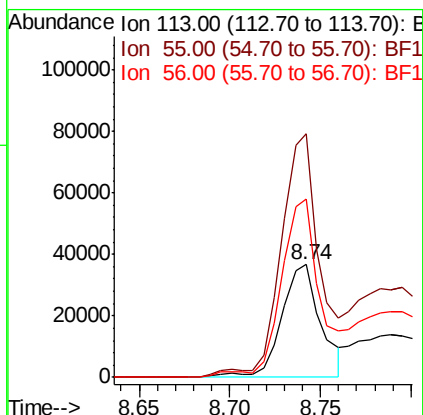
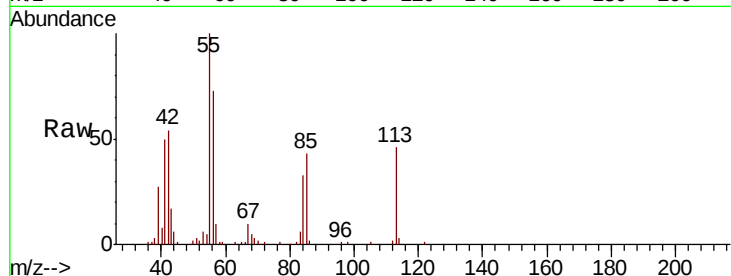




#35
 Caprolactam
 Concen: 24.636 ng
 RT: 8.74 min Scan# 1089
 Delta R.T. 0.01 min
 Lab File: BF108601.D
 Acq: 29 Aug 2018 13:39

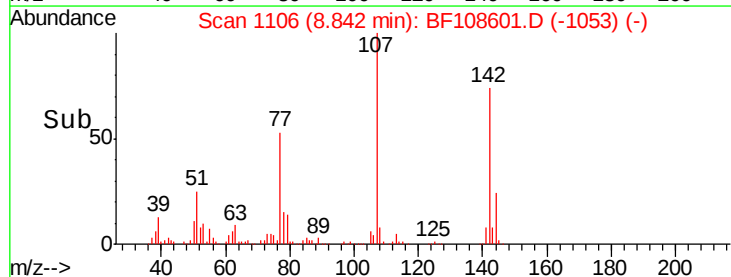
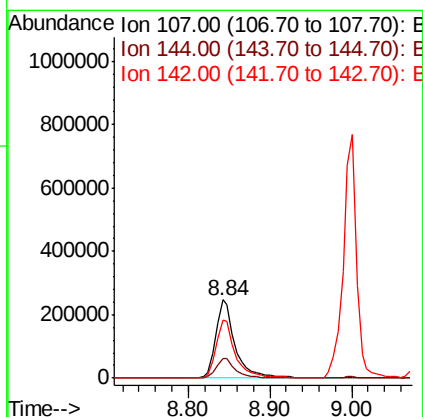
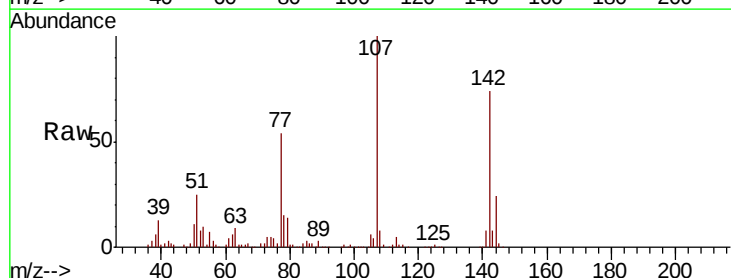
Instrument :
 BNA_F
 ClientSampleId :

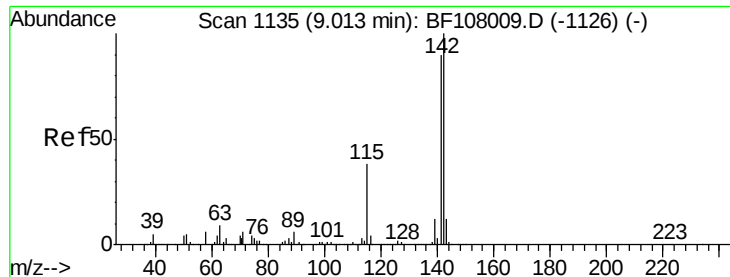
Tot Ion:113 Resp: 55082
 Ion Ratio Lower Upper
 113 100
 55 215.6 163.3 203.3#
 56 157.9 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 53.093 ng
 RT: 8.84 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: BF108601.D
 Acq: 29 Aug 2018 13:39

Tgt Ion:107 Resp: 408636
 Ion Ratio Lower Upper
 107 100
 144 24.4 20.5 30.7
 142 74.1 62.0 93.0

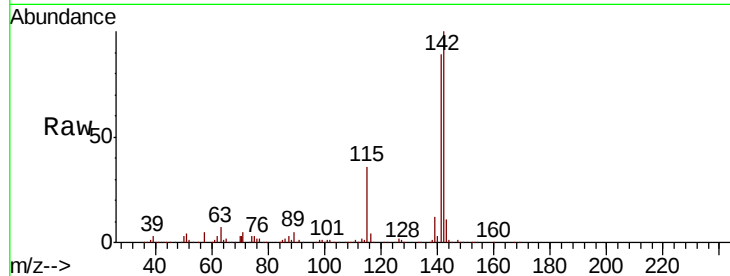




#37
2-Methylnaphthalene
Concen: 52.857 ng
RT: 9.00 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF108601.D
Acq: 29 Aug 2018 13:39

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.8	106.2
115	35.6	26.1	39.1

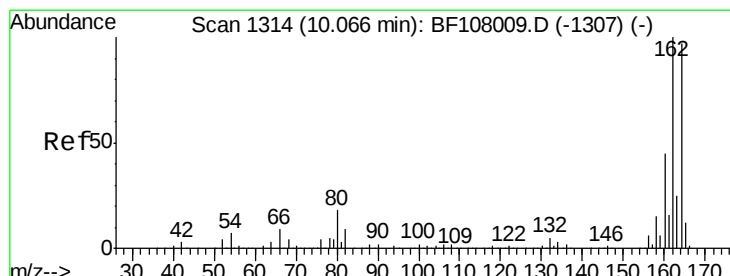
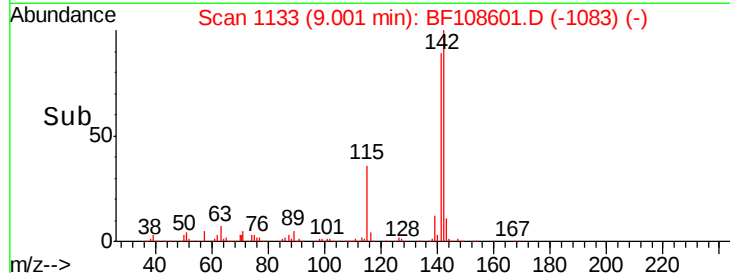
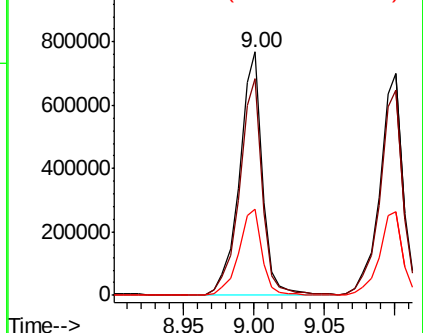


Abundance

Ion 142.00 (141.70 to 142.70): E

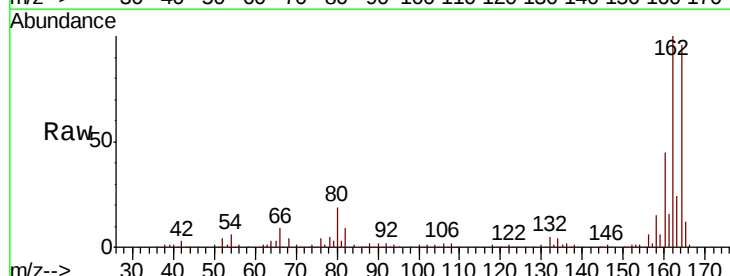
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.05 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF108601.D
Acq: 29 Aug 2018 13:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.1	129.1
160	46.7	38.3	57.5

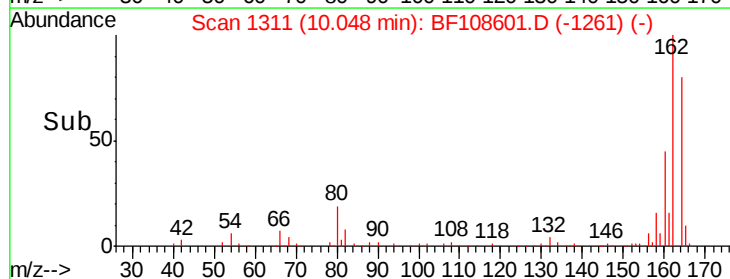
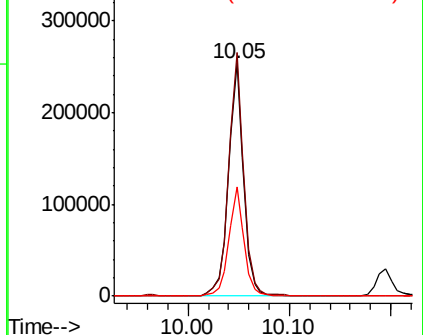


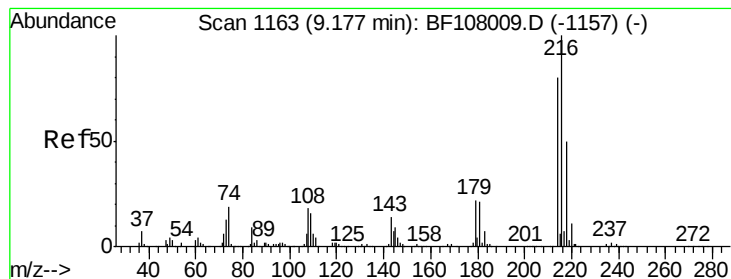
Abundance

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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 55.203 ng

RT: 9.17 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF108601.D

Acq: 29 Aug 2018 13:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 446006

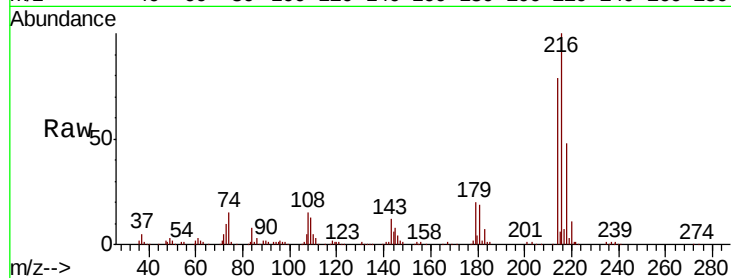
Ion Ratio Lower Upper

216 100

214 79.0 63.0 94.4

179 20.4 18.1 27.1

108 19.7 17.2 25.8

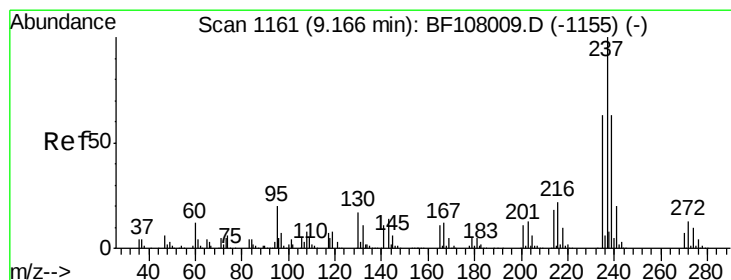
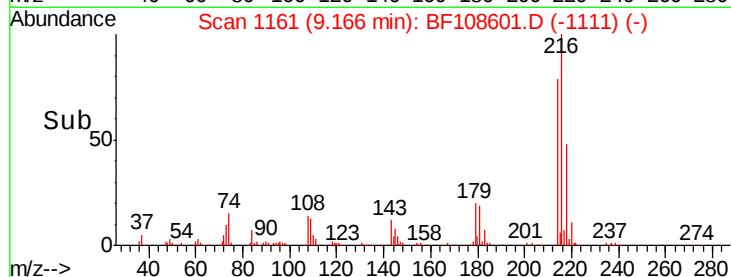
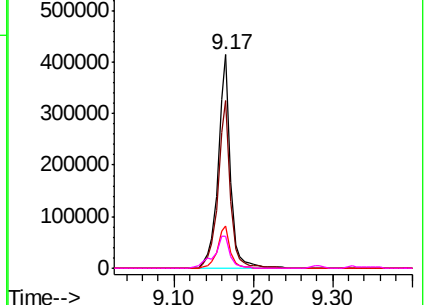


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 86.413 ng

RT: 9.14 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF108601.D

Acq: 29 Aug 2018 13:39

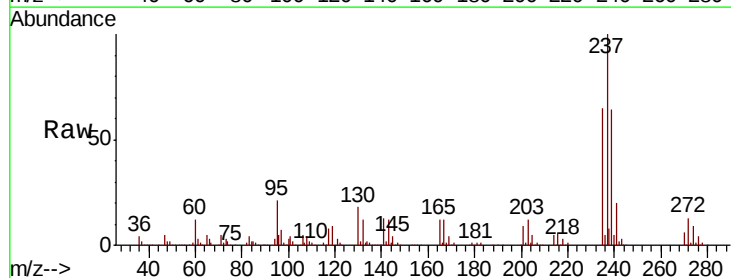
Tgt Ion:237 Resp: 450945

Ion Ratio Lower Upper

237 100

235 64.5 44.8 84.8

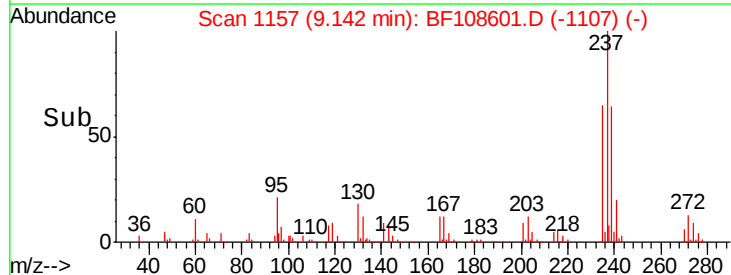
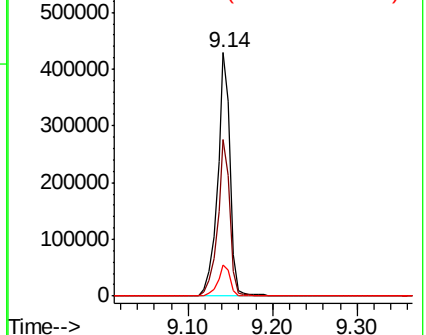
272 12.9 0.0 33.3

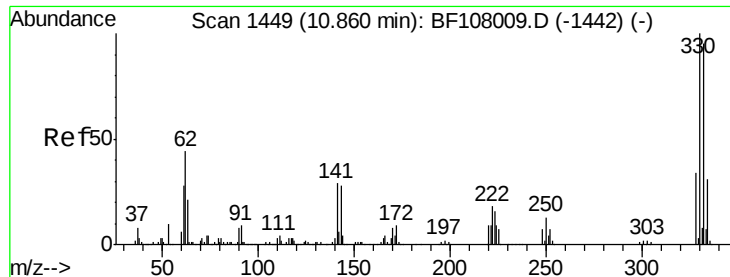


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

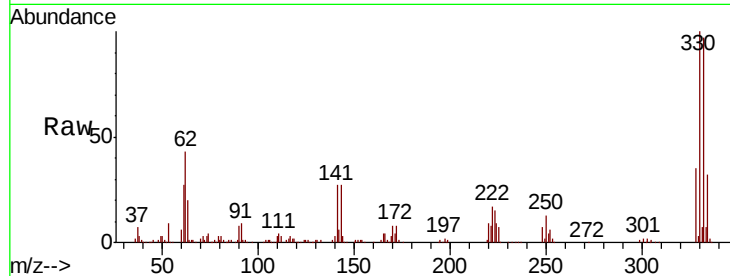




#41
 2,4,6-Tribromophenol
 Concen: 120.063 ng
 RT: 10.85 min Scan# 1447
 Delta R.T. -0.00 min
 Lab File: BF108601.D
 Acq: 29 Aug 2018 13:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	30.9	29.9	44.9

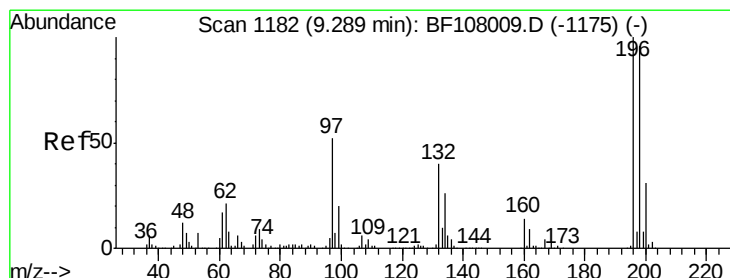
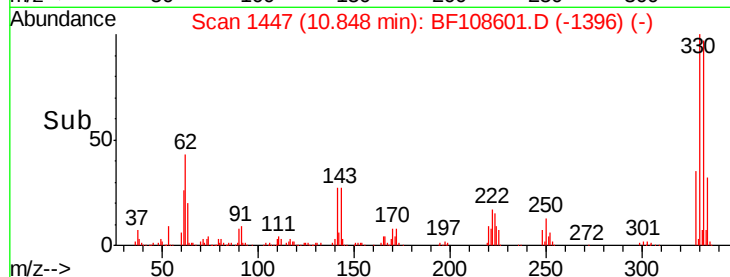
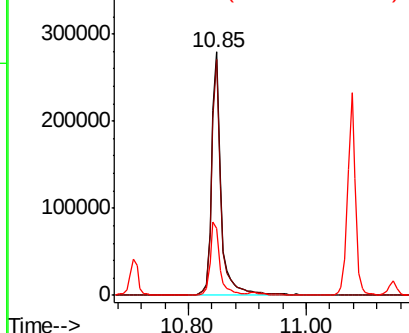


Abundance

Ion 329.80 (329.50 to 330.50): E

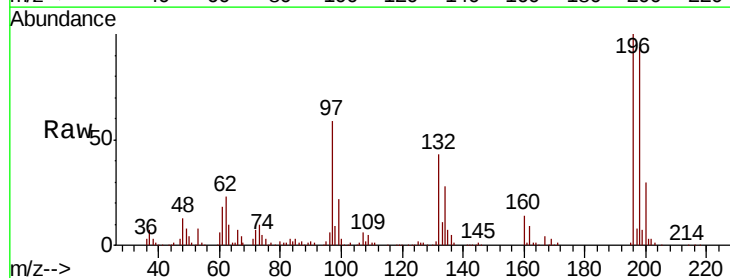
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 54.996 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF108601.D
 Acq: 29 Aug 2018 13:39

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.8	75.7	113.5
200	30.0	24.5	36.7

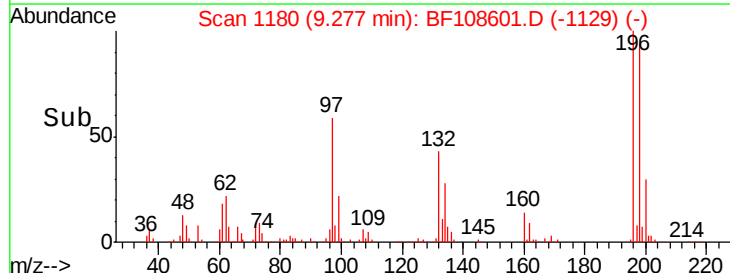
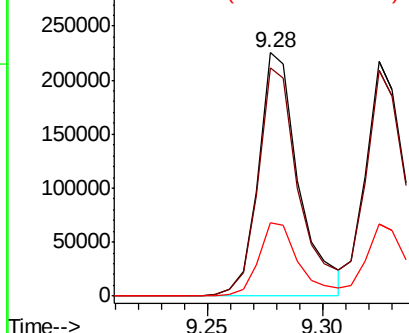


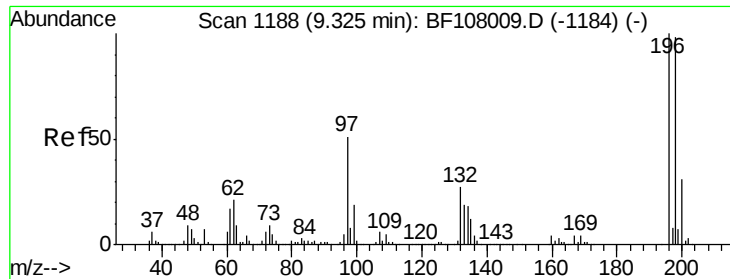
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

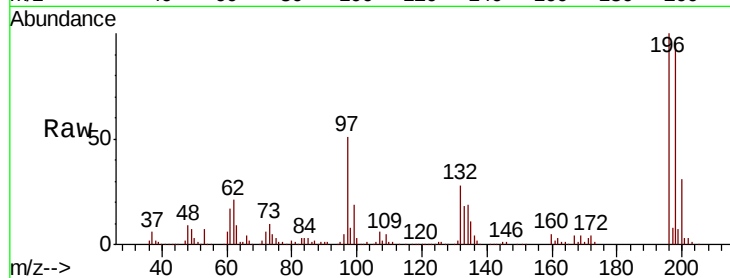




#43
 2,4,5-Trichlorophenol
 Concen: 54.567 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.01 min
 Lab File: BF108601.D
 Acq: 29 Aug 2018 13:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.1	74.6	112.0
97	50.9	42.9	64.3
132	27.7	26.3	39.5



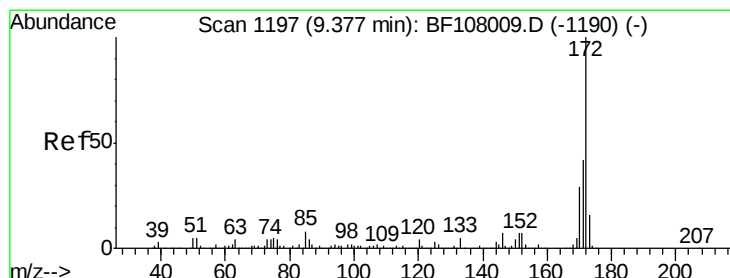
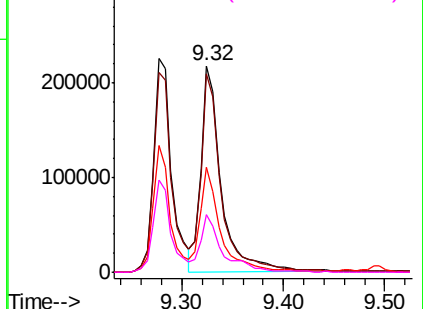
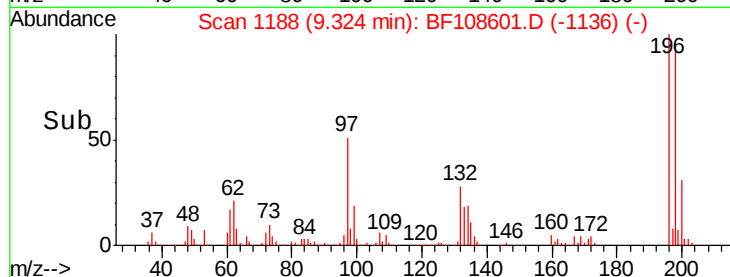
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

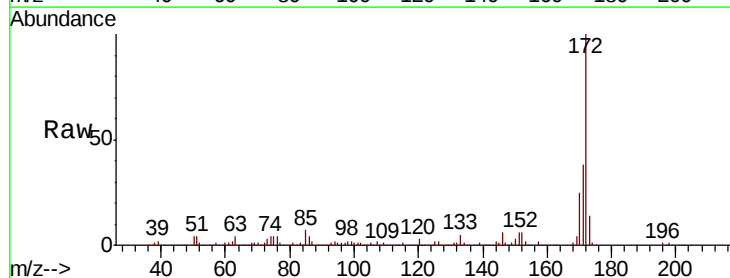
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 115.458 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108601.D
 Acq: 29 Aug 2018 13:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.7	44.5
170	25.1	19.6	29.4

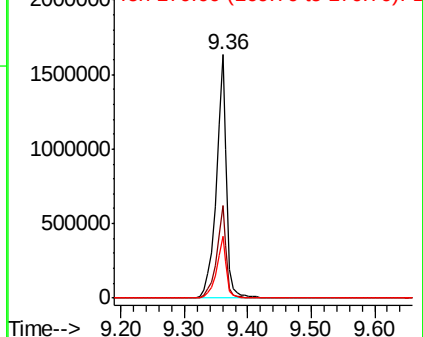
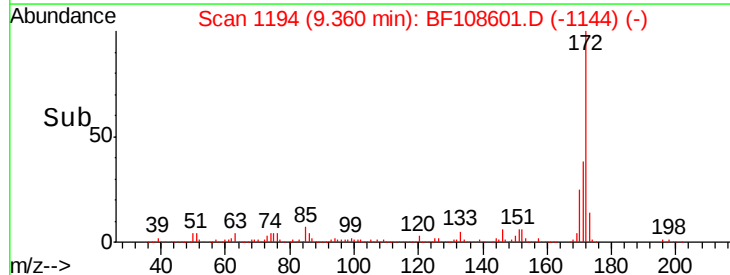


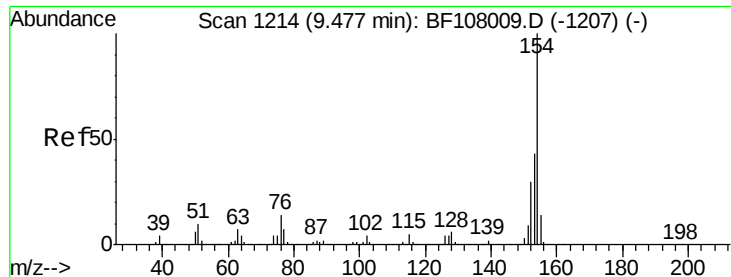
Abundance

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





#45

1,1'-Biphenyl

Concen: 55.127 ng

RT: 9.47 min Scan# 1212

Delta R.T. -0.00 min

Lab File: BF108601.D

Acq: 29 Aug 2018 13:39

Instrument :

BNA_F

ClientSampleId :

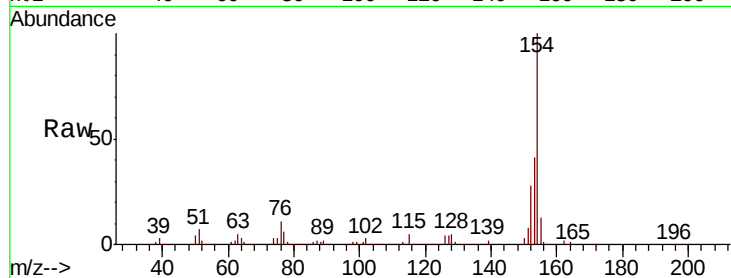
Tot Ion:154 Resp: 1069346

Ion Ratio Lower Upper

154 100

153 40.8 21.3 61.3

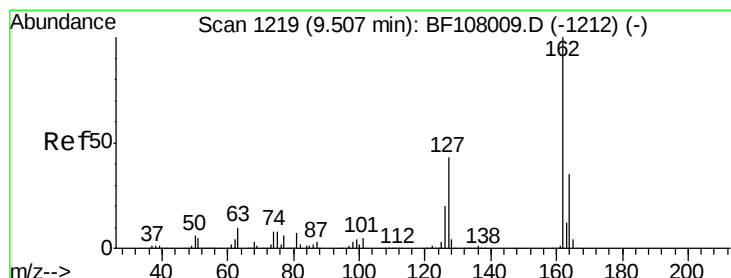
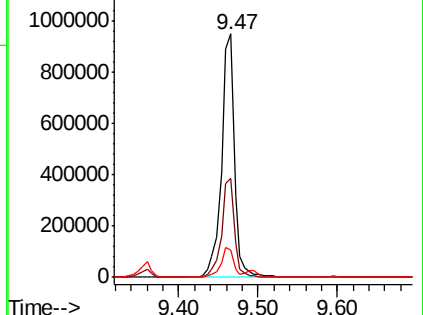
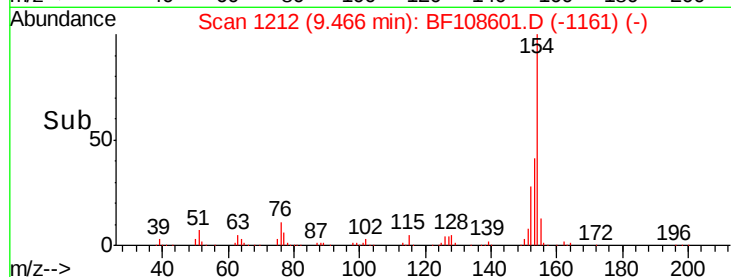
76 11.3 0.0 34.0



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



#46

2-Chloronaphthalene

Concen: 53.743 ng

RT: 9.49 min Scan# 1217

Delta R.T. -0.00 min

Lab File: BF108601.D

Acq: 29 Aug 2018 13:39

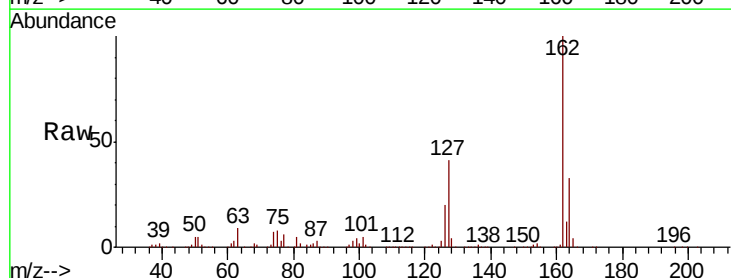
Tgt Ion:162 Resp: 823955

Ion Ratio Lower Upper

162 100

127 40.5 33.9 50.9

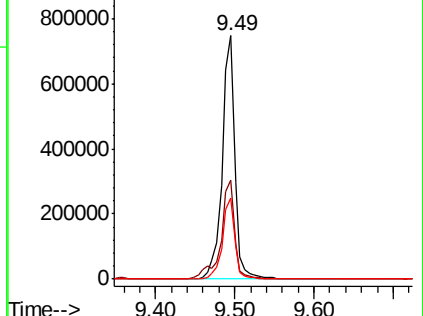
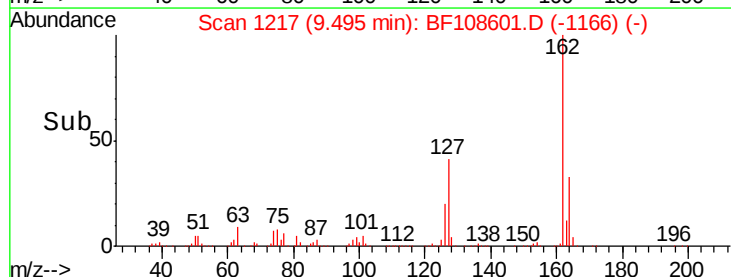
164 33.5 26.5 39.7

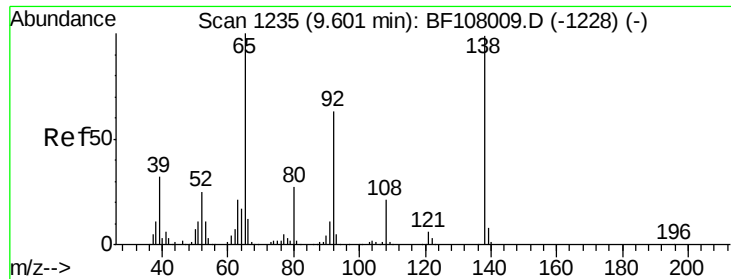


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

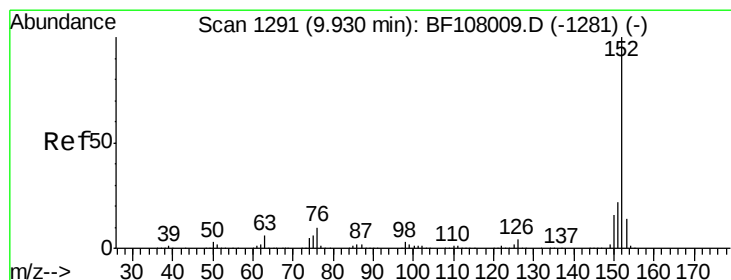
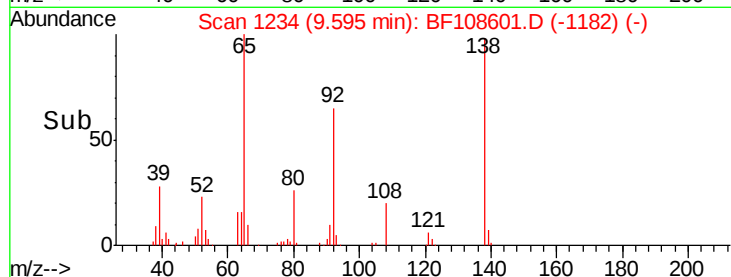
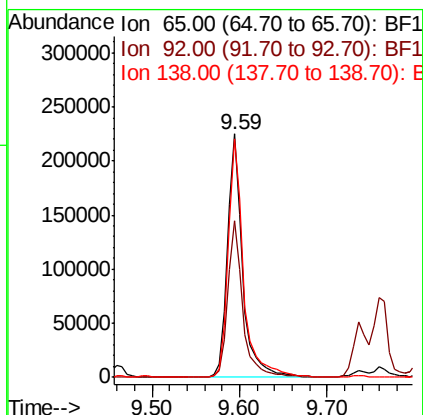
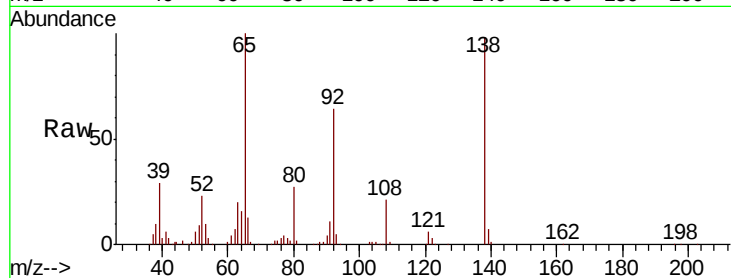




#47
2-Nitroaniline
Concen: 54.750 ng
RT: 9.59 min Scan# 1234
Delta R.T. 0.01 min
Lab File: BF108601.D
Acq: 29 Aug 2018 13:39

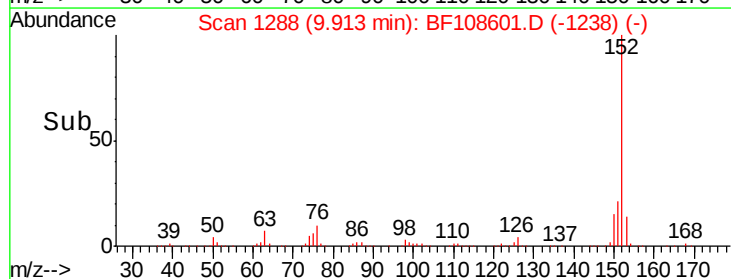
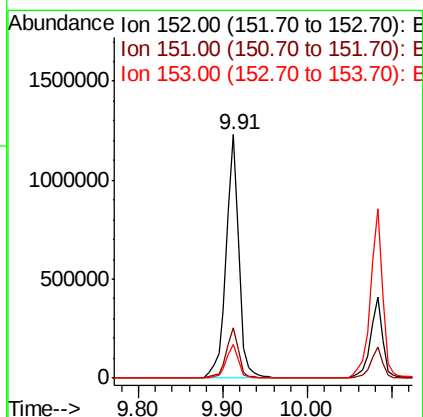
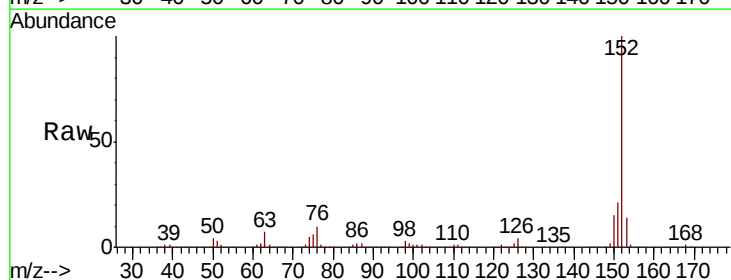
Instrument :
BNA_F
ClientSampled :

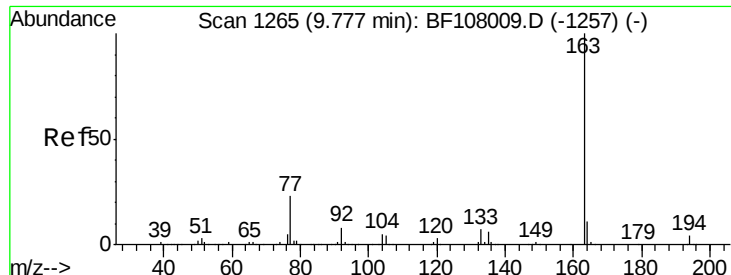
Tot Ion	Ratio	Lower	Upper
65	100		
92	64.3	55.8	83.6
138	98.0	91.2	136.8



#48
Acenaphthylene
Concen: 52.892 ng
RT: 9.91 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF108601.D
Acq: 29 Aug 2018 13:39

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.3	24.5
153	13.8	10.7	16.1

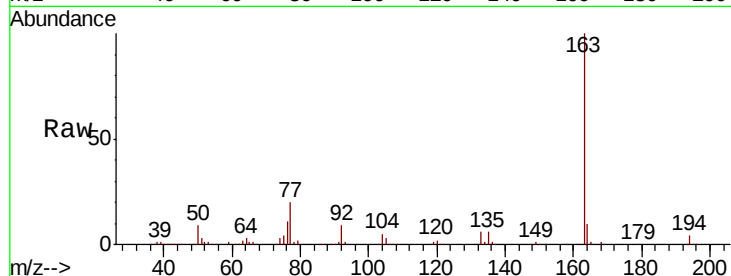




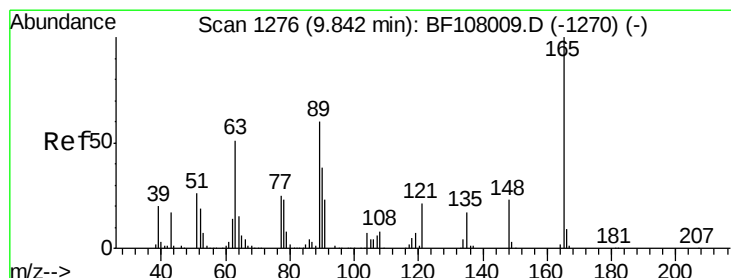
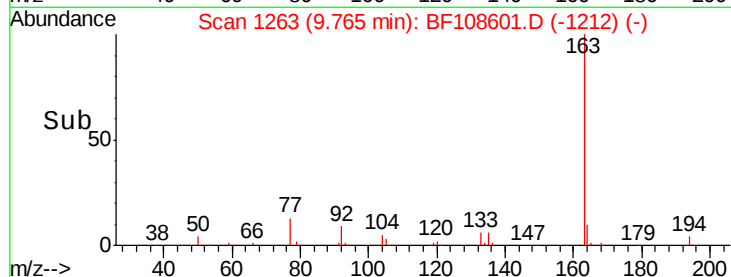
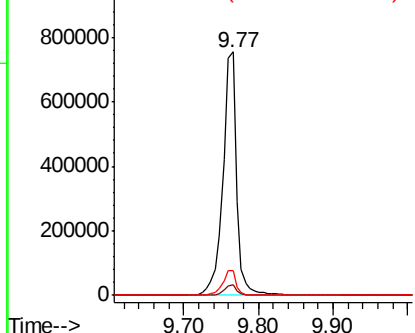
#49
Dimethylphthalate
Concen: 52.782 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF108601.D
Acq: 29 Aug 2018 13:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 967322
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 10.4 8.2 12.2

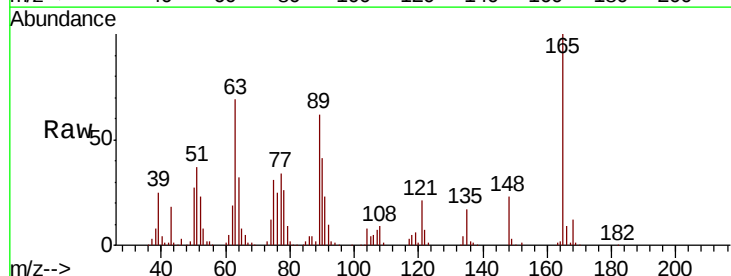


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

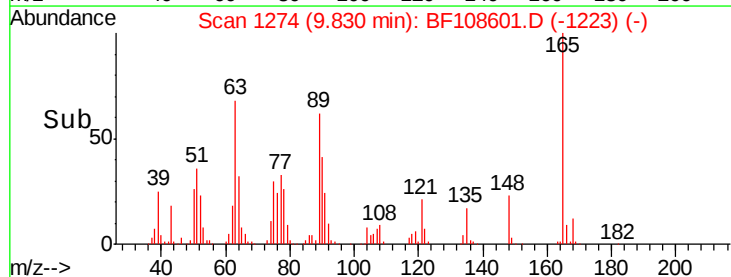
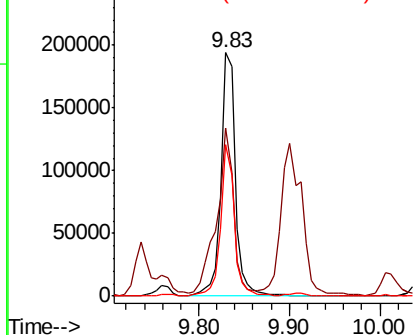


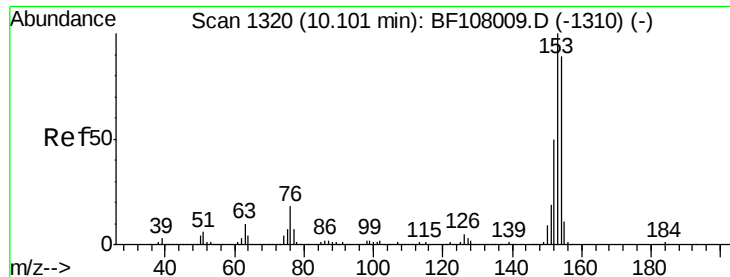
#50
2,6-Dinitrotoluene
Concen: 55.187 ng
RT: 9.83 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BF108601.D
Acq: 29 Aug 2018 13:39

Tgt Ion:165 Resp: 211601
Ion Ratio Lower Upper
165 100
63 68.9 44.7 67.1#
89 62.3 44.0 66.0



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





#51

Acenaphthene

Concen: 49.127 ng

RT: 10.08 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF108601.D

Acq: 29 Aug 2018 13:39

Instrument :

BNA_F

ClientSampleId :

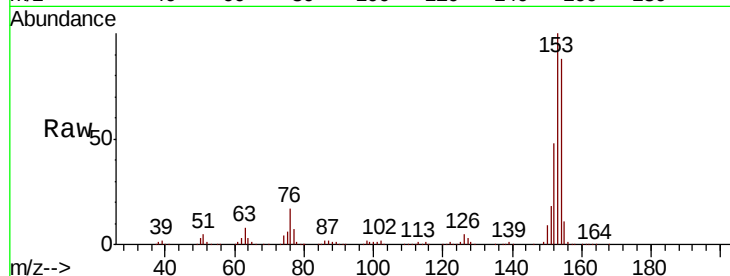
Tot Ion:154 Resp: 729310

Ion Ratio Lower Upper

154 100

153 113.1 91.2 136.8

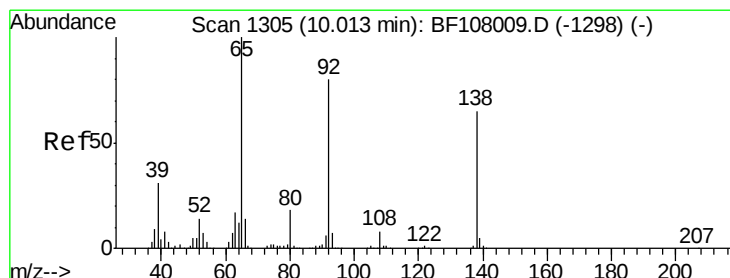
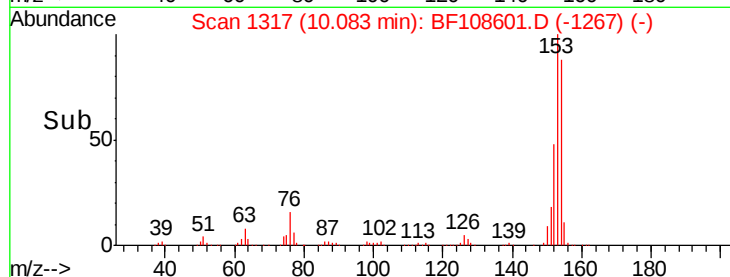
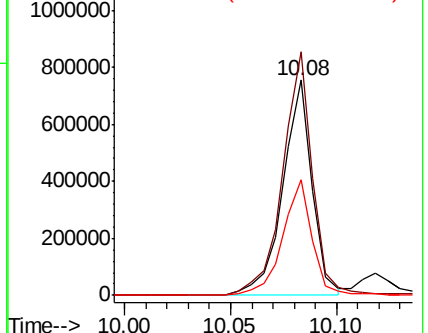
152 53.9 43.8 65.8



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



#52

3-Nitroaniline

Concen: 26.941 ng

RT: 10.01 min Scan# 1305

Delta R.T. 0.01 min

Lab File: BF108601.D

Acq: 29 Aug 2018 13:39

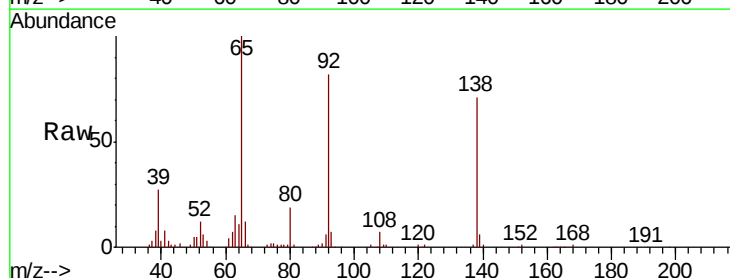
Tgt Ion:138 Resp: 113022

Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.0

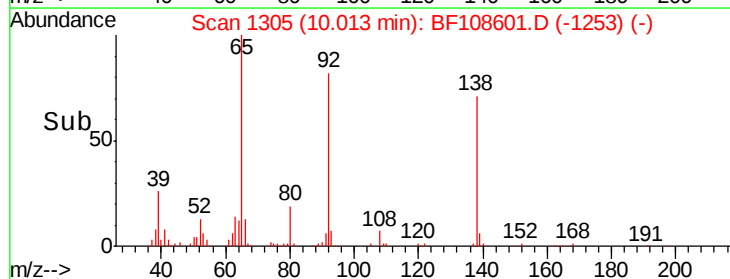
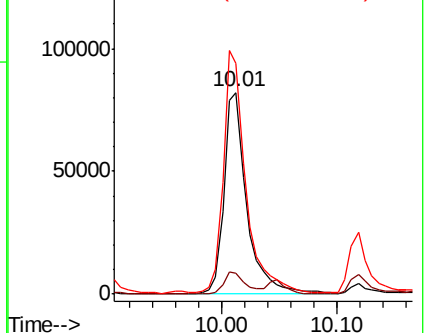
92 114.8 89.4 134.2

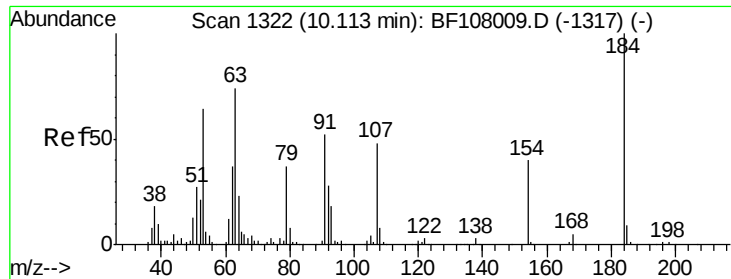


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

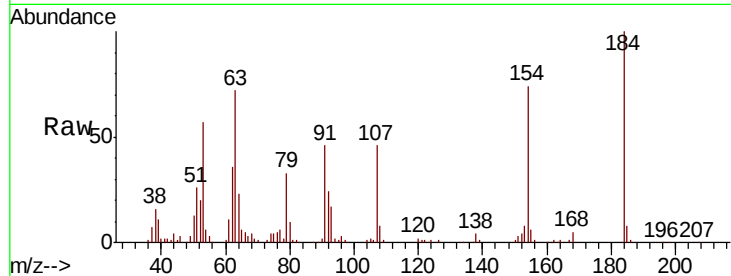




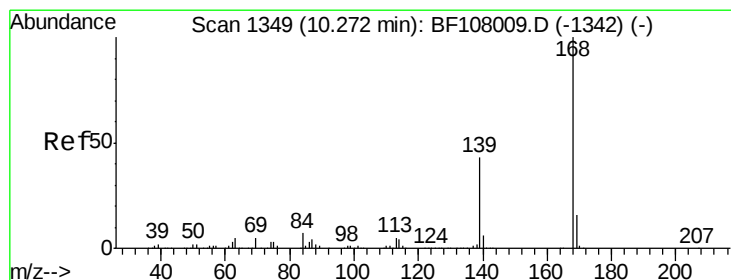
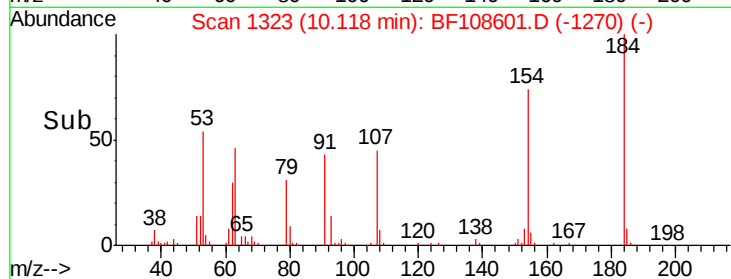
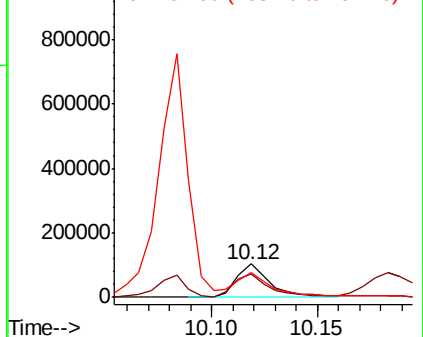
#53
2,4-Dinitrophenol
Concen: 80.560 ng
RT: 10.12 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF108601.D
Acq: 29 Aug 2018 13:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 115677
Ion Ratio Lower Upper
184 100
63 71.7 54.2 81.2
154 74.2 184.0 276.0#

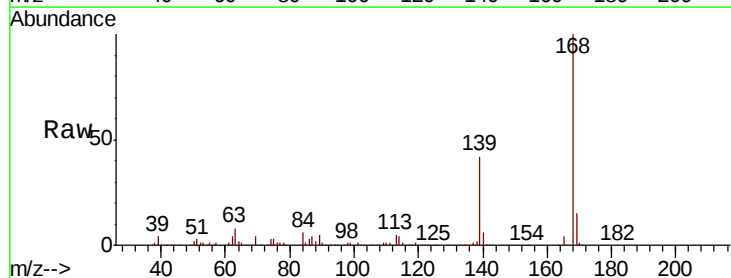


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

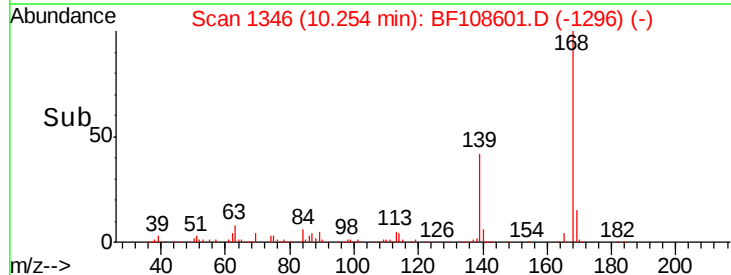
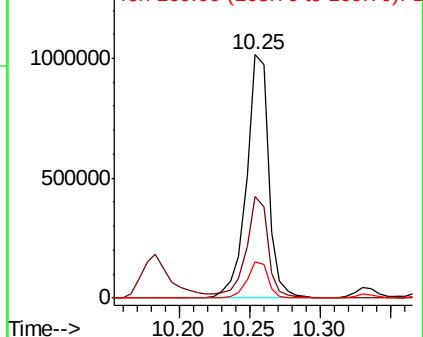


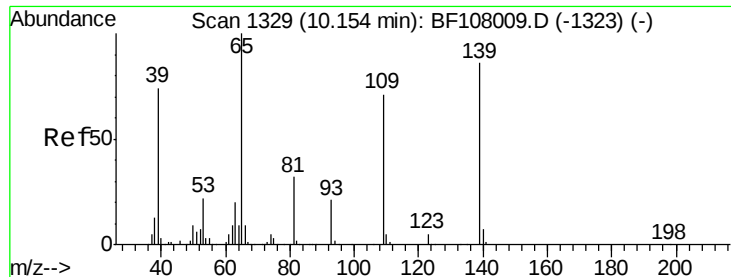
#54
Dibenzofuran
Concen: 52.145 ng
RT: 10.25 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF108601.D
Acq: 29 Aug 2018 13:39

Tgt Ion:168 Resp: 1121529
Ion Ratio Lower Upper
168 100
139 41.6 30.1 45.1
169 14.8 10.9 16.3



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

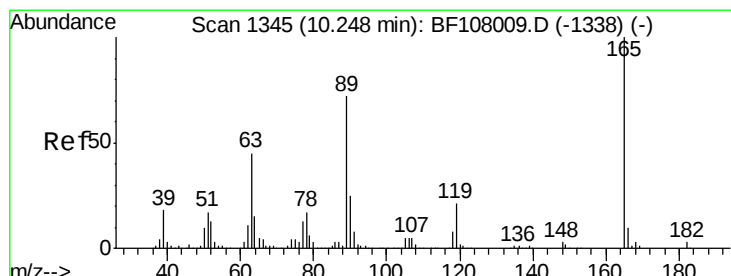
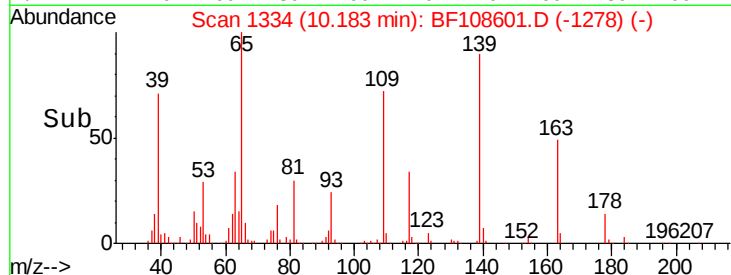
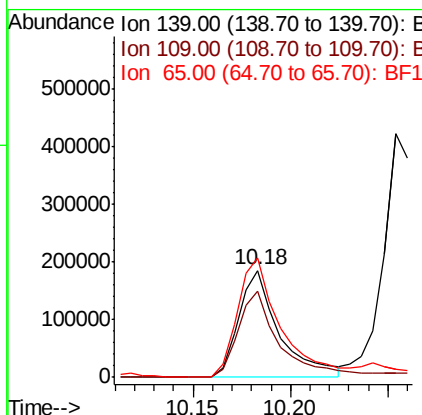
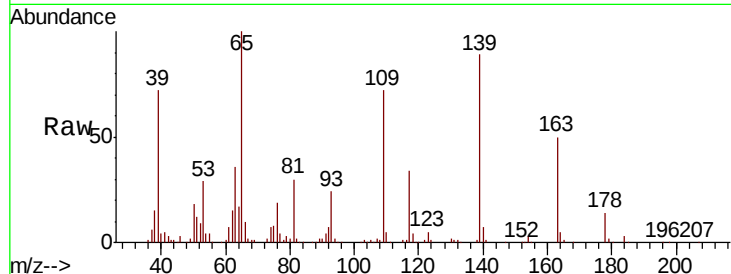




#55
4-Nitrophenol
Concen: 84.255 ng
RT: 10.18 min Scan# 1334
Delta R.T. 0.03 min
Lab File: BF108601.D
Acq: 29 Aug 2018 13:39

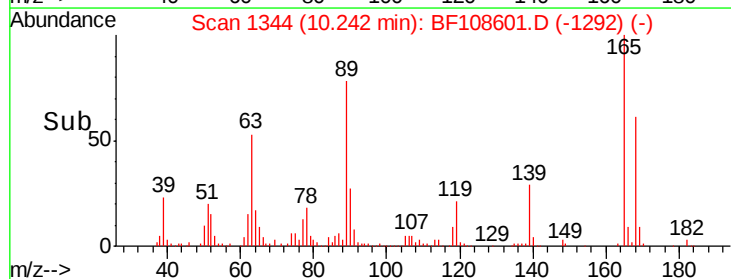
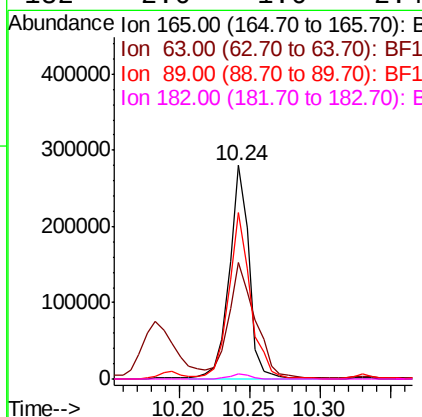
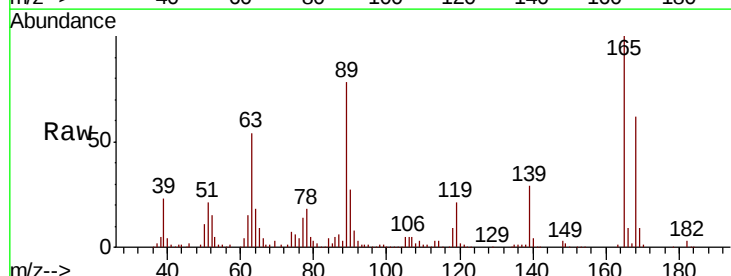
Instrument :
BNA_F
ClientSampled :

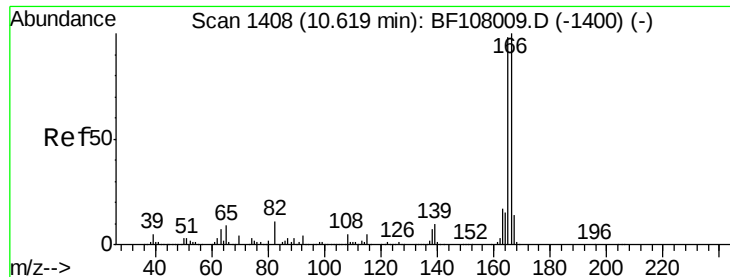
Tot Ion:139 Resp: 267661
Ion Ratio Lower Upper
139 100
109 80.6 48.4 88.4
65 111.9 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 55.034 ng
RT: 10.24 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF108601.D
Acq: 29 Aug 2018 13:39

Tgt Ion:165 Resp: 271618
Ion Ratio Lower Upper
165 100
63 54.3 36.4 54.6
89 77.8 57.8 86.6
182 2.6 1.6 2.4#





#57

Fluorene

Concen: 53.570 ng

RT: 10.60 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BF108601.D

Acq: 29 Aug 2018 13:39

Instrument :

BNA_F

ClientSampleId :

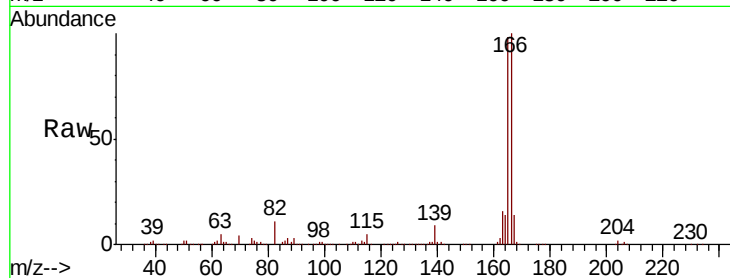
Tot Ion:166 Resp: 912088

Ion Ratio Lower Upper

166 100

165 97.7 79.8 119.8

167 13.8 10.6 16.0

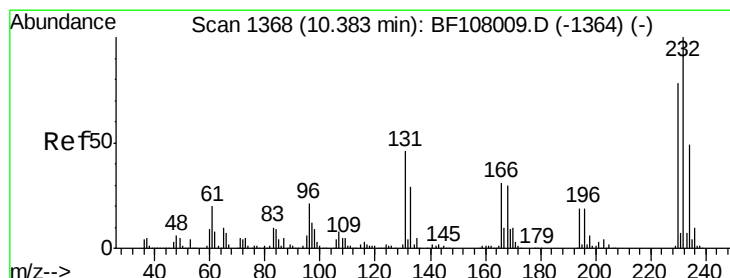
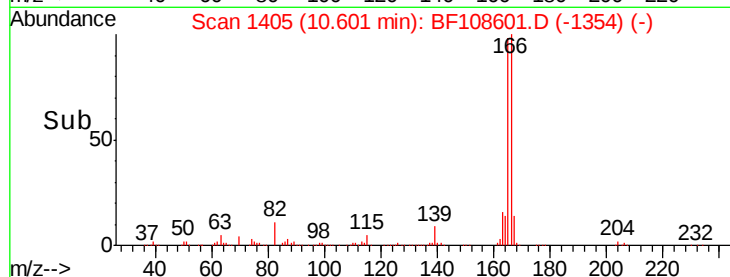
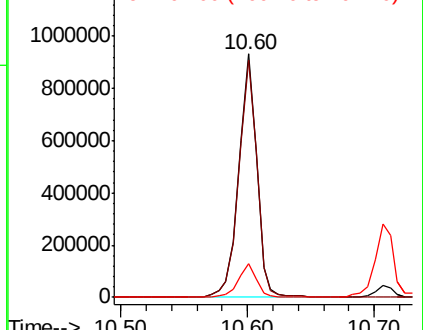


Abundance

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



#58

2,3,4,6-Tetrachlorophenol

Concen: 55.938 ng

RT: 10.38 min Scan# 1367

Delta R.T. 0.01 min

Lab File: BF108601.D

Acq: 29 Aug 2018 13:39

Tgt Ion:232 Resp: 258043

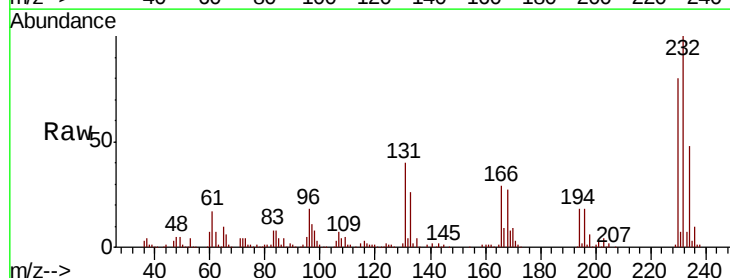
Ion Ratio Lower Upper

232 100

131 39.4 43.8 65.8#

130 2.3 2.1 3.1

166 27.4 27.8 41.6#



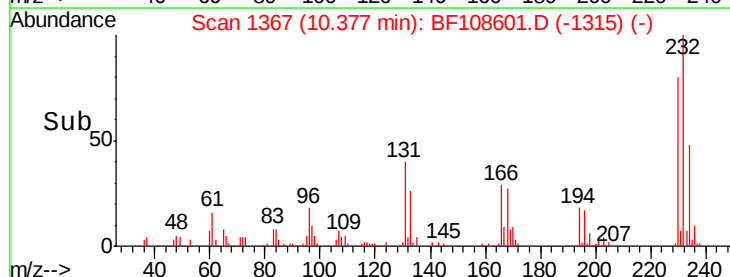
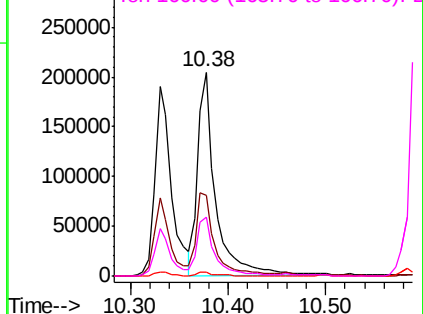
Abundance

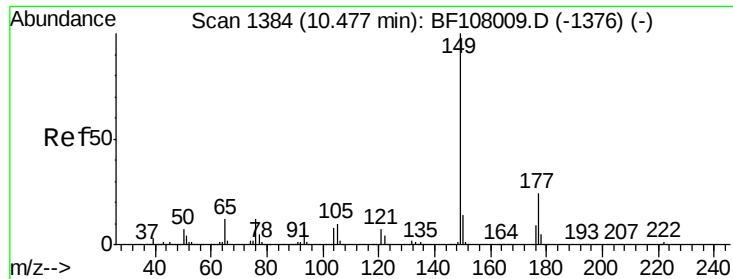
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

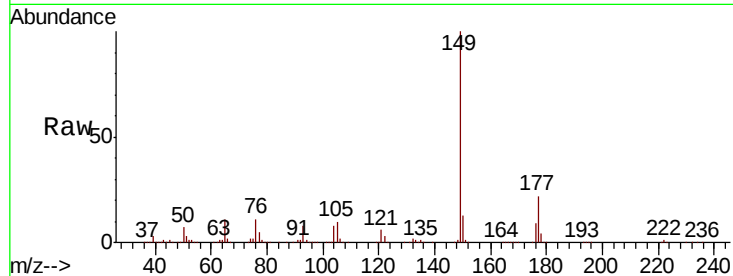




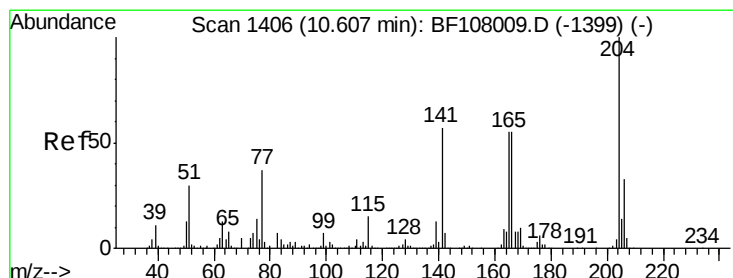
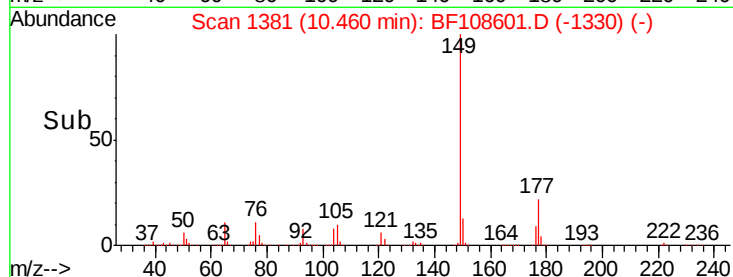
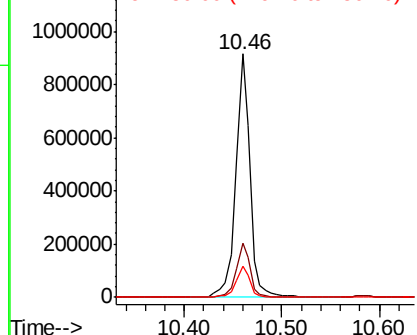
#59
Diethylphthalate
Concen: 52.144 ng
RT: 10.46 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BF108601.D
Acq: 29 Aug 2018 13:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 925360
Ion Ratio Lower Upper
149 100
177 22.2 16.1 24.1
150 12.7 10.1 15.1

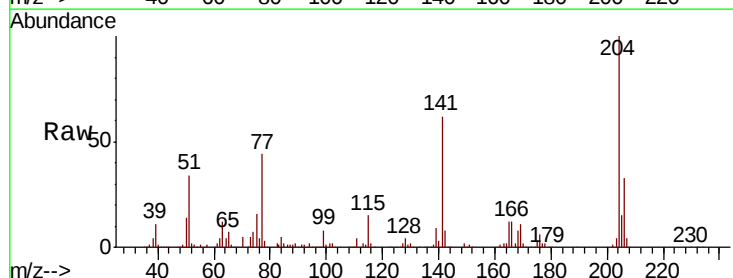


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

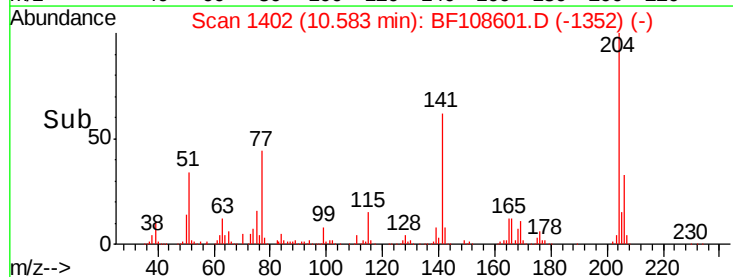
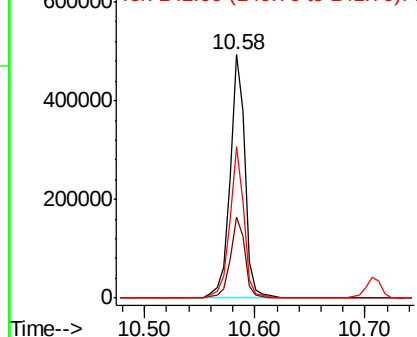


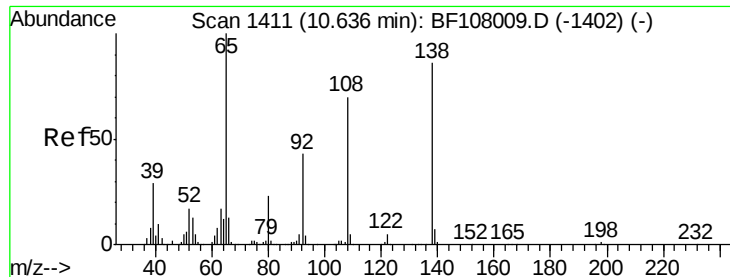
#60
4-Chlorophenyl-phenylether
Concen: 52.463 ng
RT: 10.58 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF108601.D
Acq: 29 Aug 2018 13:39

Tgt Ion:204 Resp: 465437
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 62.2 54.6 81.8



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

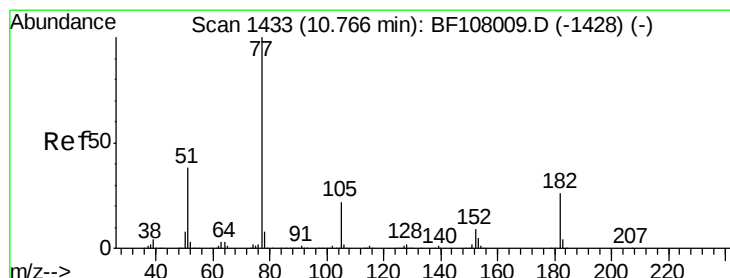
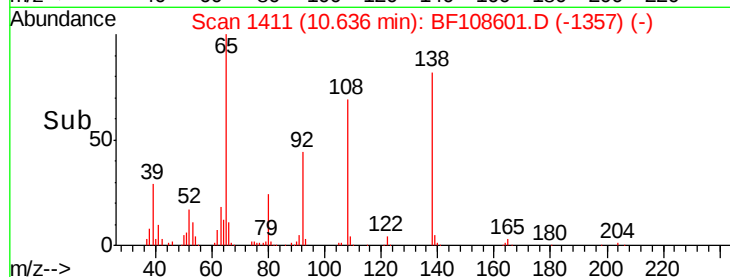
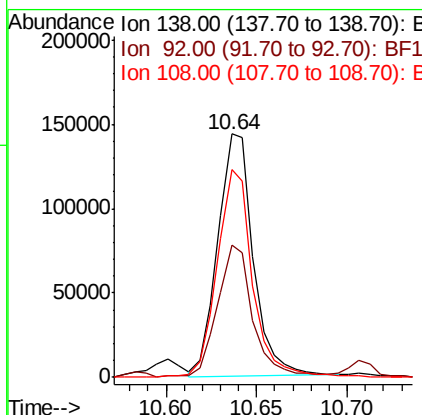
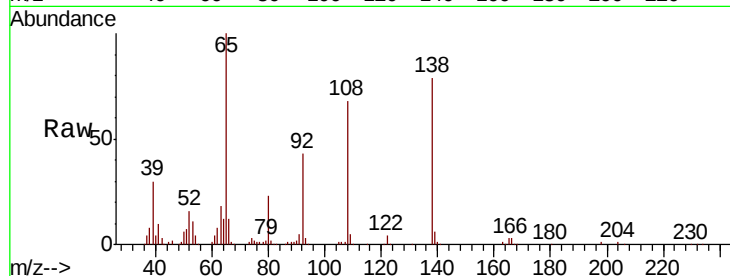




#61
4-Nitroaniline
Concen: 47.006 ng
RT: 10.64 min Scan# 1411
Delta R.T. 0.02 min
Lab File: BF108601.D
Acq: 29 Aug 2018 13:39

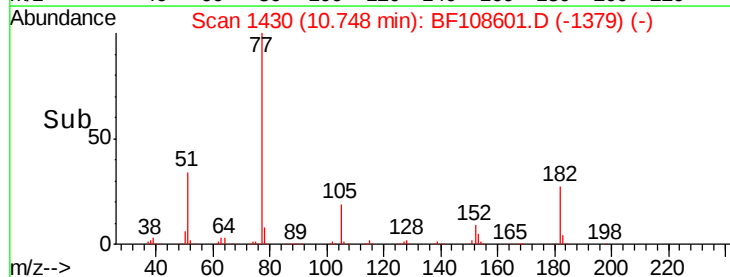
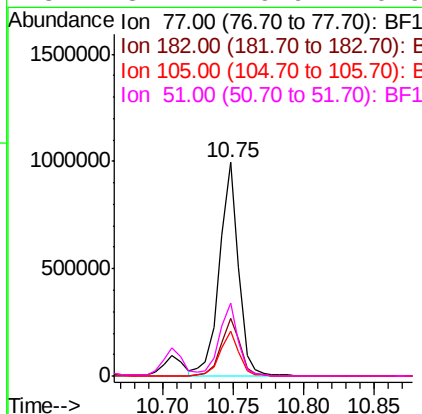
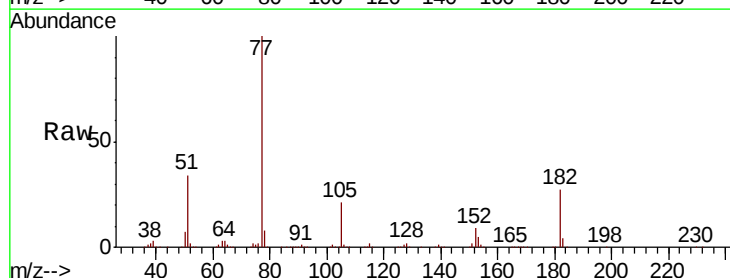
Instrument :
BNA_F
ClientSampled :

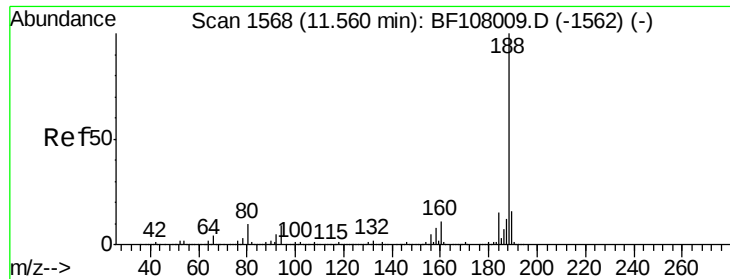
Tot Ion:138 Resp: 194967
Ion Ratio Lower Upper
138 100
92 54.1 30.2 70.2
108 85.6 52.5 92.5



#62
Azobenzene
Concen: 50.782 ng
RT: 10.75 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF108601.D
Acq: 29 Aug 2018 13:39

Tgt Ion: 77 Resp: 930695
Ion Ratio Lower Upper
77 100
182 26.8 1.7 41.7
105 20.9 3.0 43.0
51 34.2 9.9 49.9

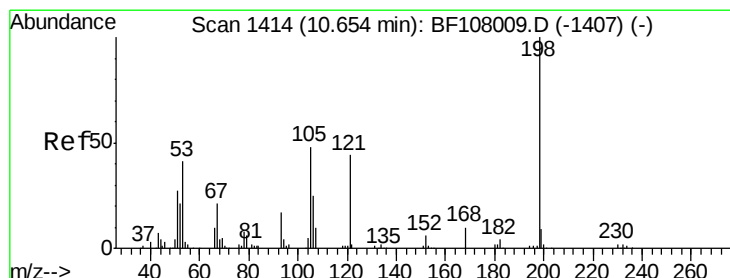
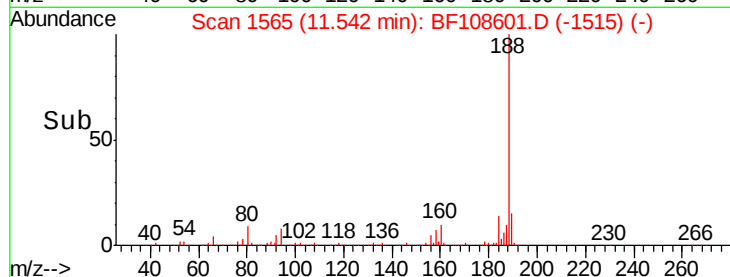
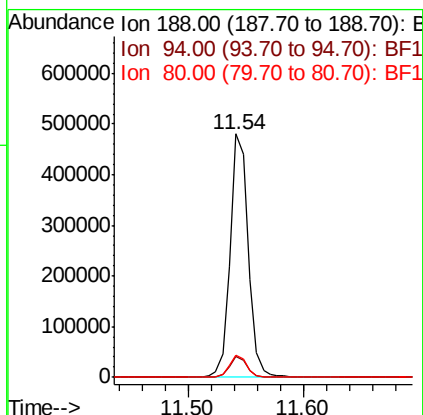
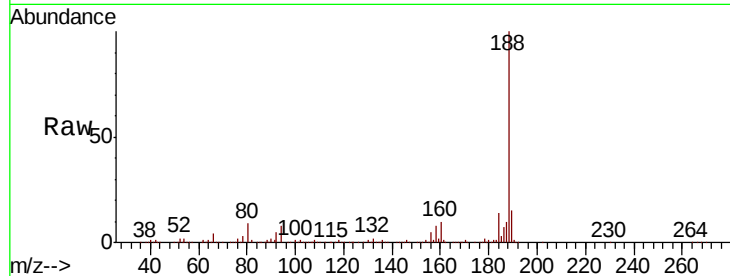




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108601.D
Acq: 29 Aug 2018 13:39

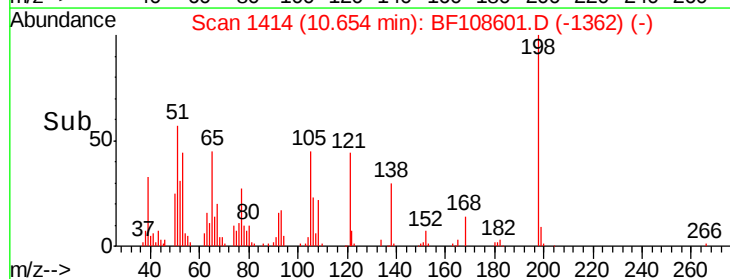
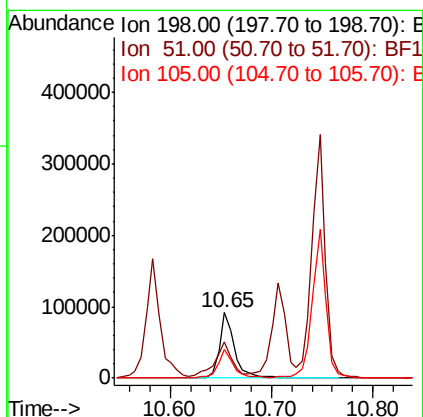
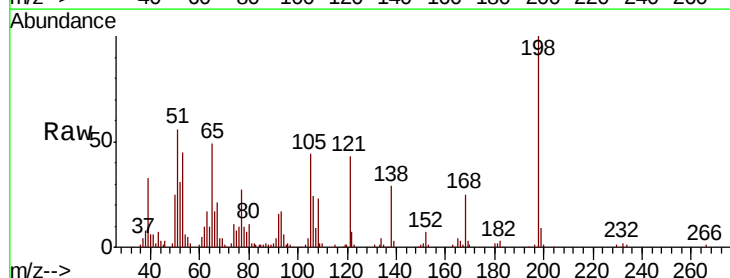
Instrument :
BNA_F
ClientSampleId :

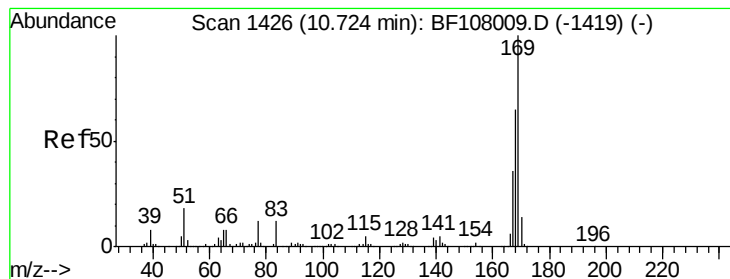
Tot Ion:188 Resp: 520853
Ion Ratio Lower Upper
188 100
94 8.4 8.5 12.7#
80 9.3 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 48.407 ng
RT: 10.65 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF108601.D
Acq: 29 Aug 2018 13:39

Tgt Ion:198 Resp: 94759
Ion Ratio Lower Upper
198 100
51 56.2 37.7 77.7
105 44.1 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 52.637 ng

RT: 10.71 min Scan# 1423

Delta R.T. -0.00 min

Lab File: BF108601.D

Acq: 29 Aug 2018 13:39

Instrument :

BNA_F

ClientSampleId :

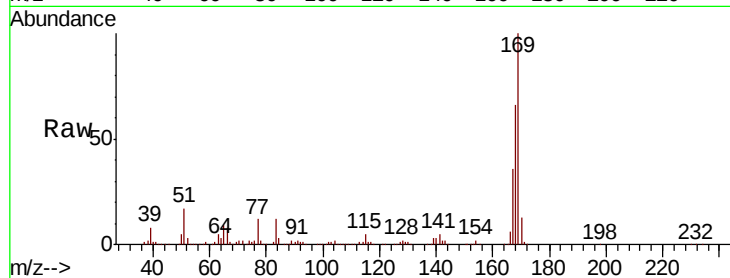
Tot Ion:169 Resp: 810164

Ion Ratio Lower Upper

169 100

168 65.7 54.4 81.6

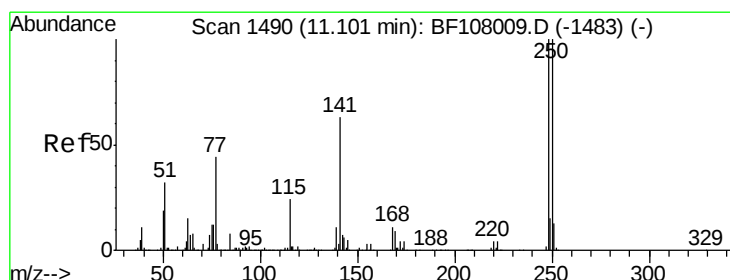
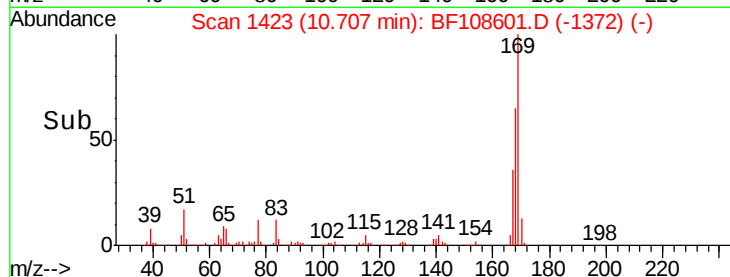
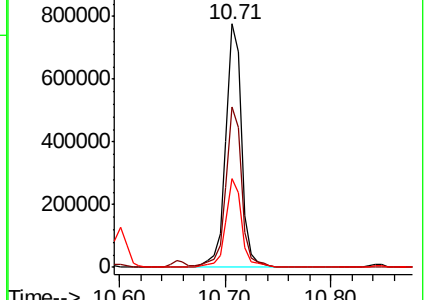
167 36.4 29.8 44.6



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



#66

4-Bromophenyl-phenylether

Concen: 53.359 ng

RT: 11.08 min Scan# 1486

Delta R.T. -0.01 min

Lab File: BF108601.D

Acq: 29 Aug 2018 13:39

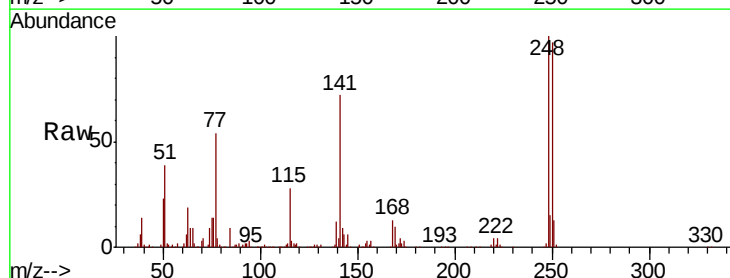
Tgt Ion:248 Resp: 302029

Ion Ratio Lower Upper

248 100

250 96.9 76.9 115.3

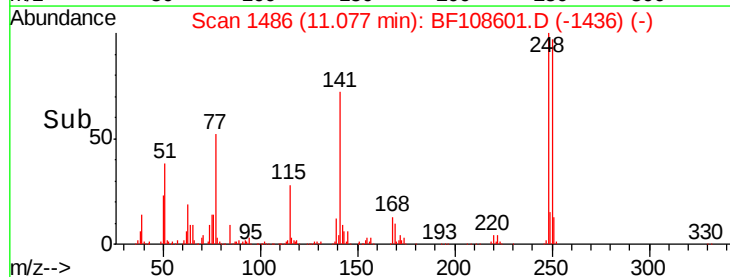
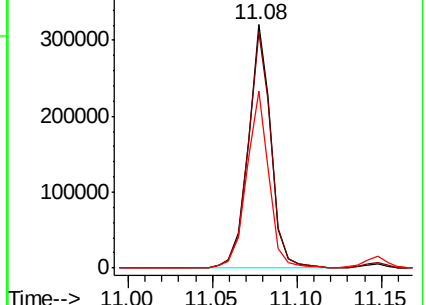
141 72.5 74.4 111.6#

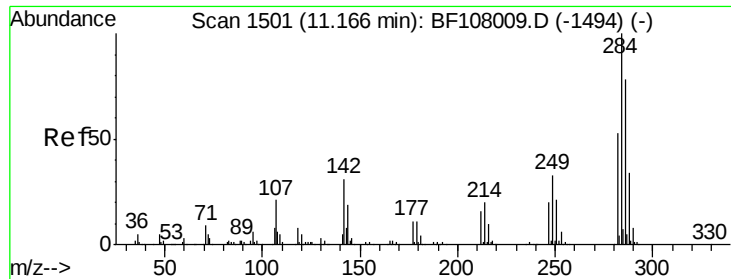


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

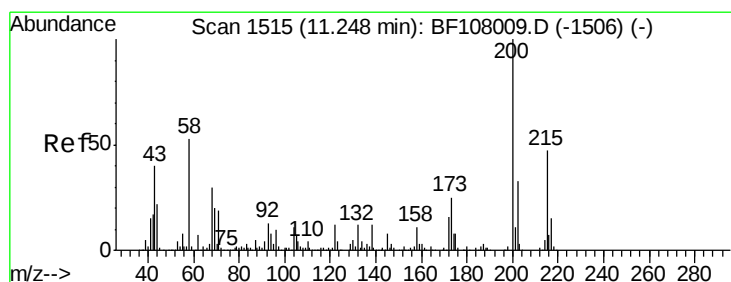
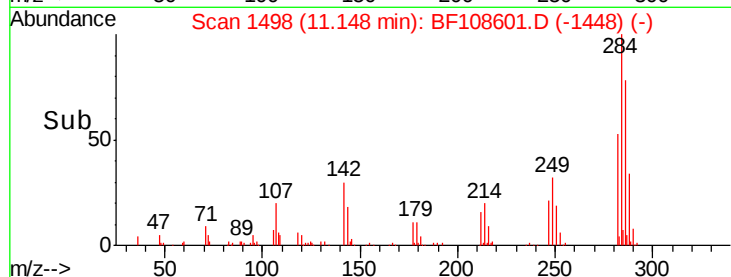
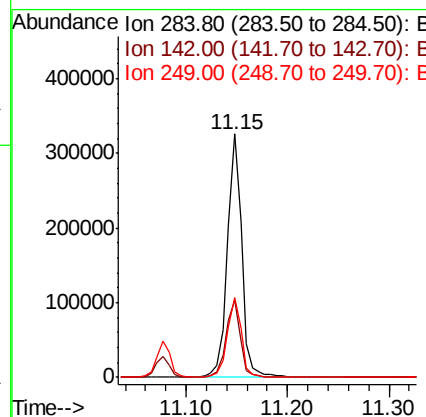
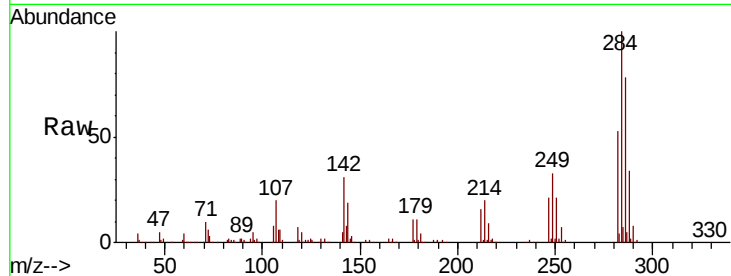




#67
Hexachlorobenzene
Concen: 53.624 ng
RT: 11.15 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF108601.D
Acq: 29 Aug 2018 13:39

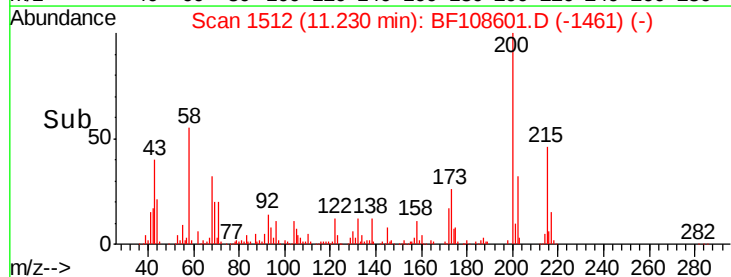
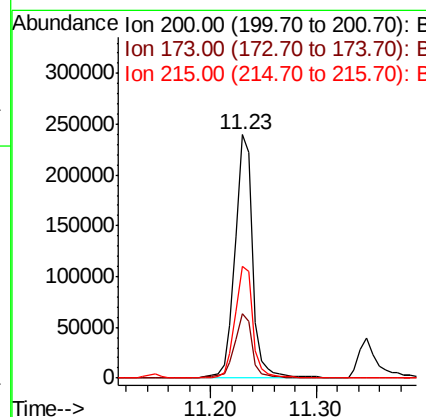
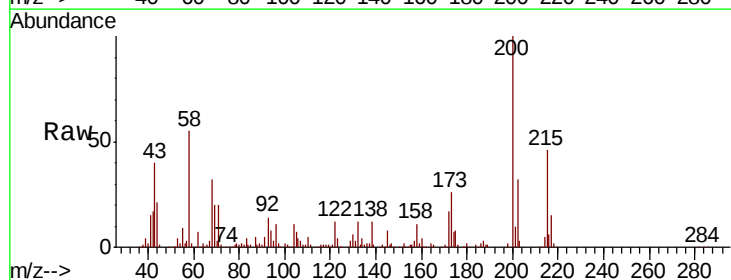
Instrument :
BNA_F
ClientSampleId :

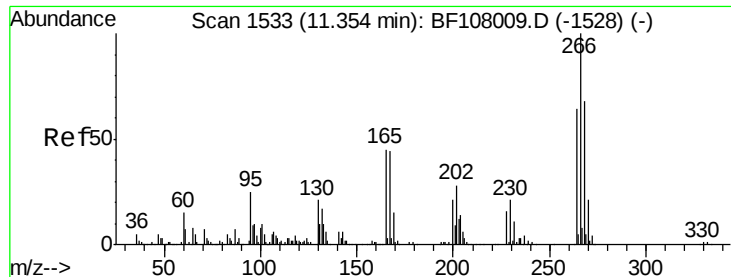
Tot Ion	Ratio	Lower	Upper
284	100		
142	31.5	34.6	52.0#
249	32.7	24.8	37.2



#68
Atrazine
Concen: 53.394 ng
RT: 11.23 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF108601.D
Acq: 29 Aug 2018 13:39

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.3	8.6	48.6
215	45.7	25.1	65.1

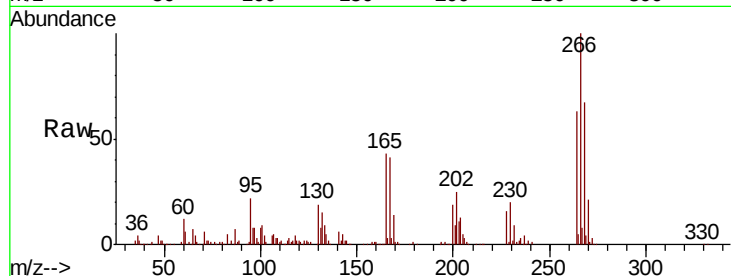




#69
 Pentachlorophenol
 Concen: 99.341 ng
 RT: 11.35 min Scan# 1532
 Delta R.T. -0.00 min
 Lab File: BF108601.D
 Acq: 29 Aug 2018 13:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.0	51.1	76.7
264	63.2	49.5	74.3

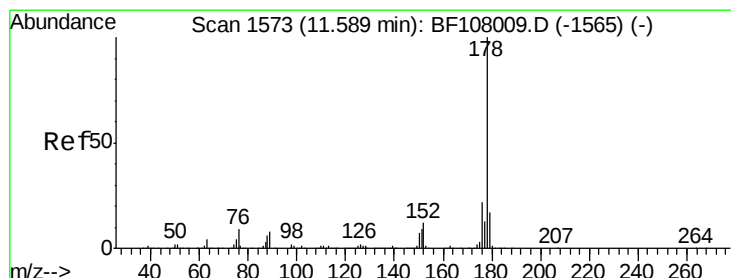
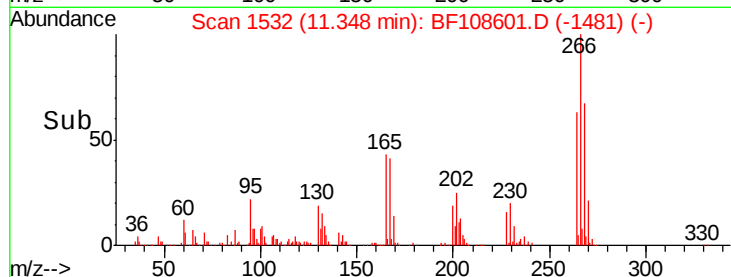
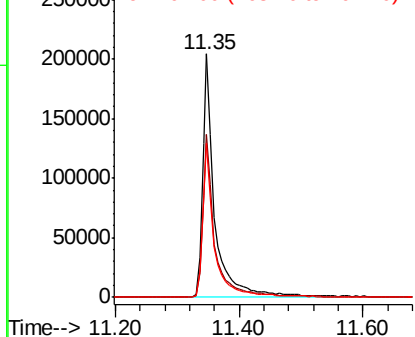


Abundance

Ion 265.70 (265.40 to 266.40): E

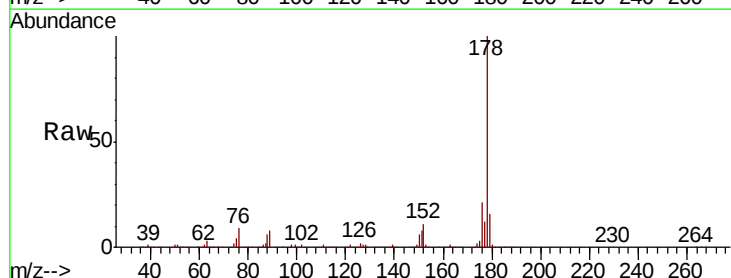
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 52.689 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: BF108601.D
 Acq: 29 Aug 2018 13:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.8	23.8
179	16.3	13.0	19.6

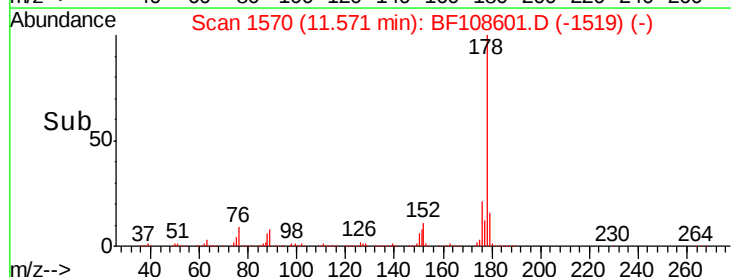
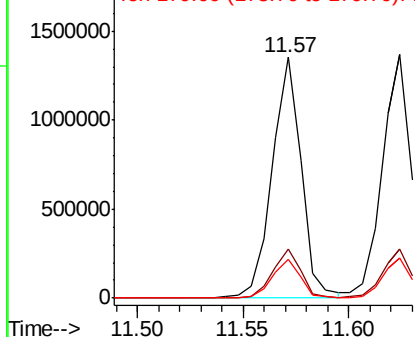


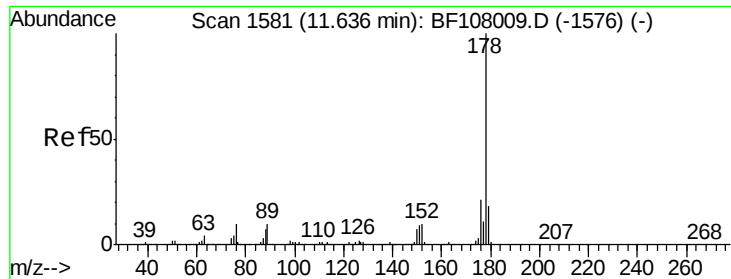
Abundance

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

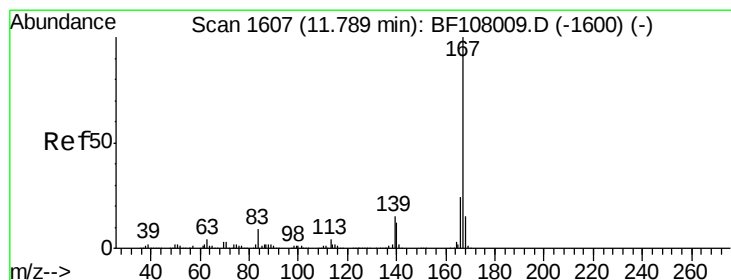
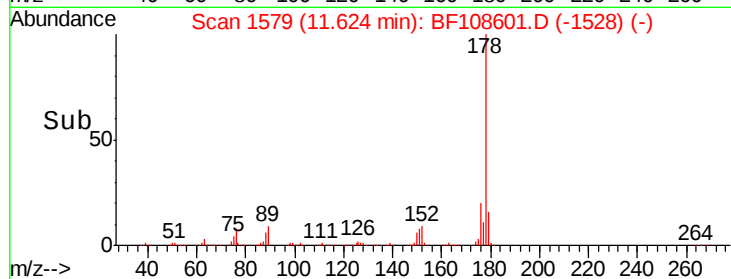
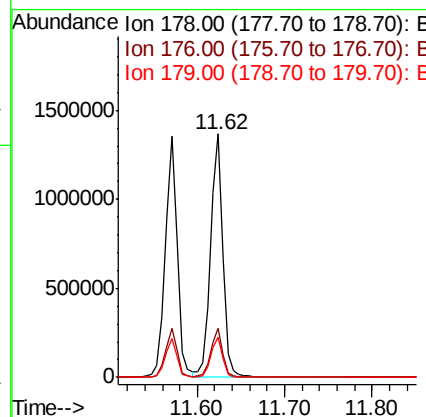
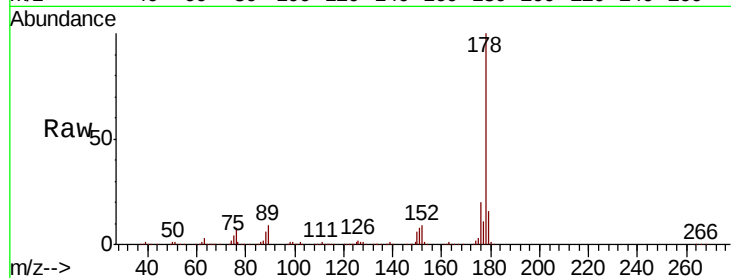




#71
 Anthracene
 Concen: 53.300 ng
 RT: 11.62 min Scan# 1579
 Delta R.T. -0.00 min
 Lab File: BF108601.D
 Acq: 29 Aug 2018 13:39

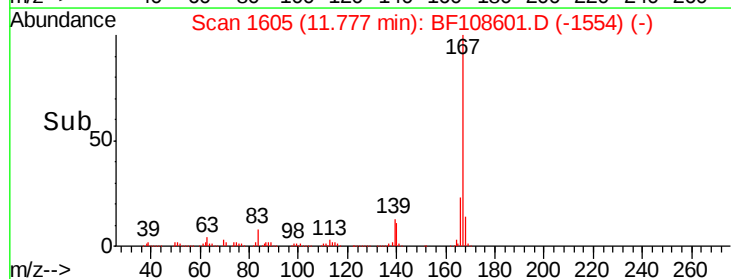
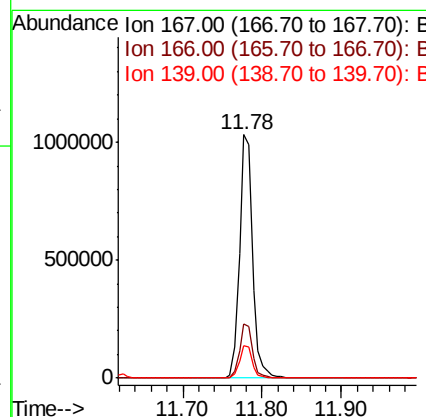
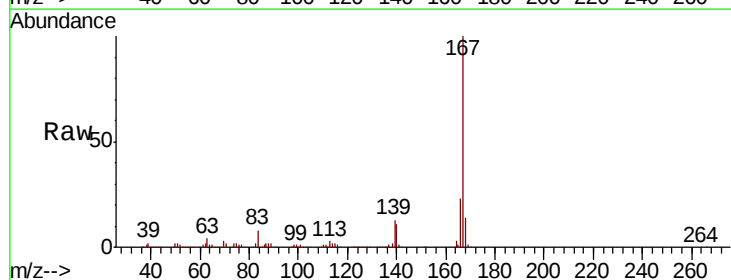
Instrument :
 BNA_F
 ClientSampleId :

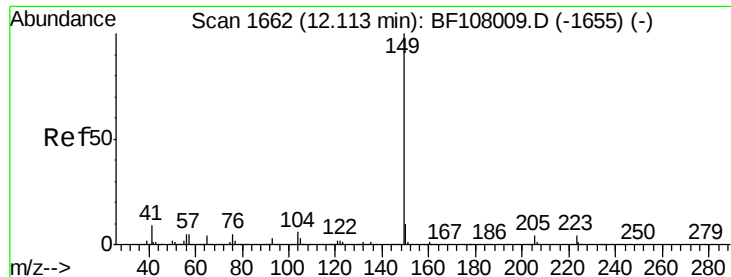
Tot Ion:178 Resp: 1342040
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.4 23.2
 179 16.4 12.6 19.0



#72
 Carbazole
 Concen: 52.354 ng
 RT: 11.78 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BF108601.D
 Acq: 29 Aug 2018 13:39

Tgt Ion:167 Resp: 1171223
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 13.3 10.9 16.3

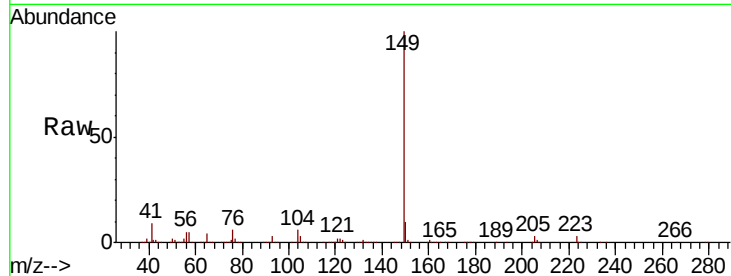




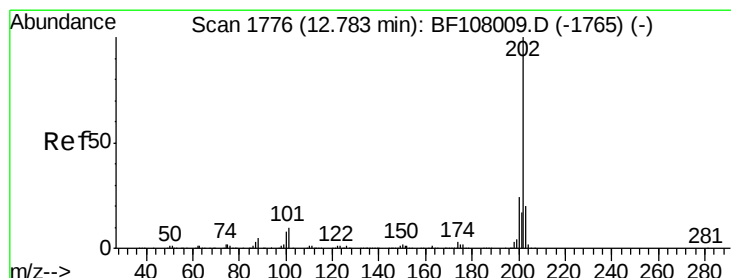
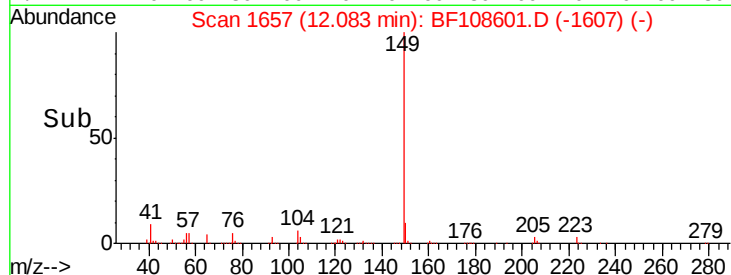
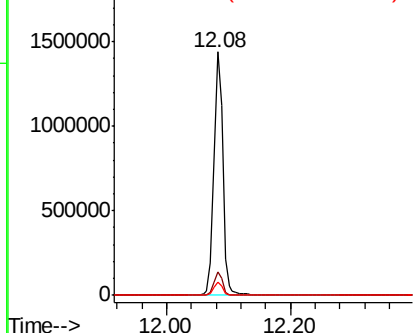
#73
Di-n-butylphthalate
Concen: 55.322 ng
RT: 12.08 min Scan# 1657
Delta R.T. -0.01 min
Lab File: BF108601.D
Acq: 29 Aug 2018 13:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1401816
Ion Ratio Lower Upper
149 100
150 9.7 7.8 11.6
104 5.6 3.8 5.8

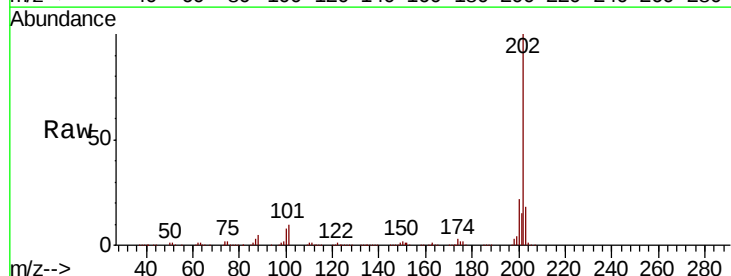


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

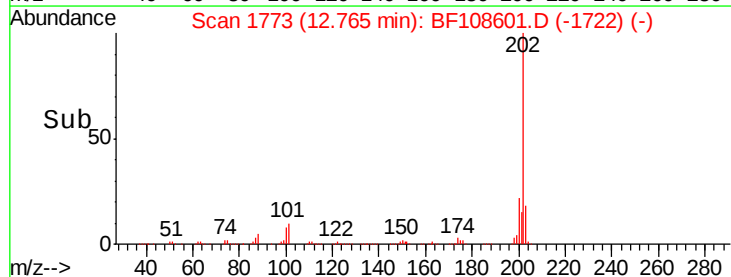
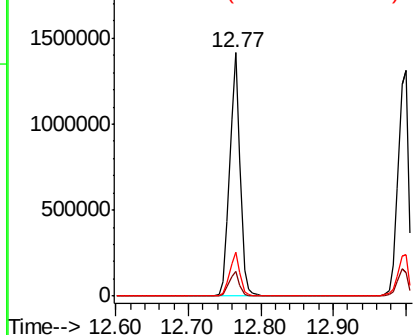


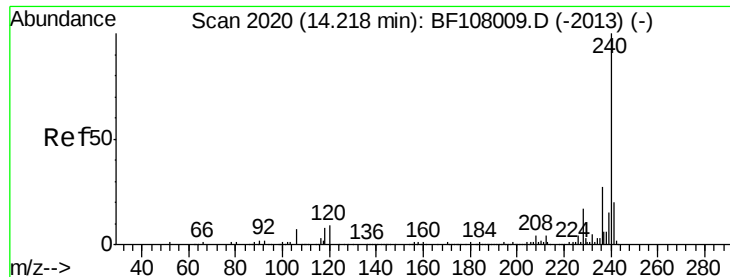
#74
Fluoranthene
Concen: 52.835 ng
RT: 12.77 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BF108601.D
Acq: 29 Aug 2018 13:39

Tgt Ion:202 Resp: 1416593
Ion Ratio Lower Upper
202 100
101 10.0 0.0 34.1
203 18.0 0.0 38.1



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.20 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BF108601.D

Acq: 29 Aug 2018 13:39

Instrument :

BNA_F

ClientSampleId :

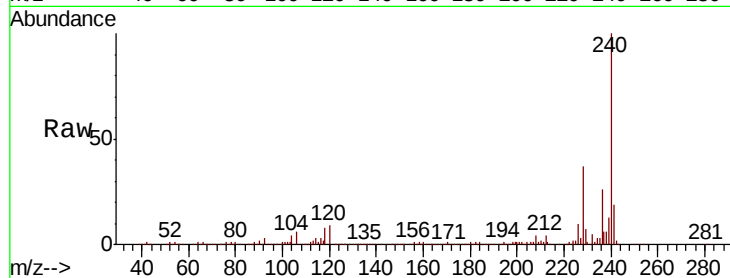
Tot Ion:240 Resp: 370267

Ion Ratio Lower Upper

240 100

120 8.9 9.5 14.3#

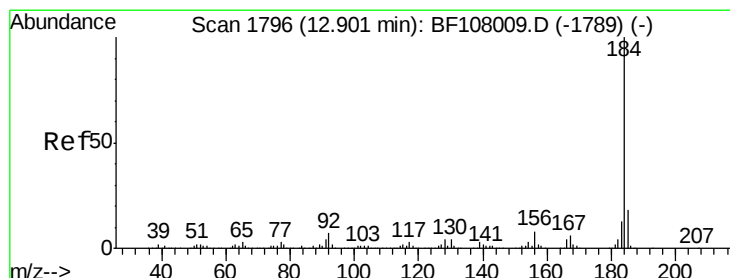
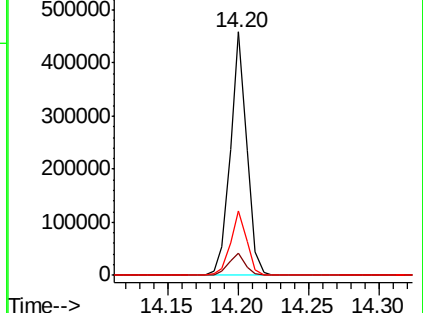
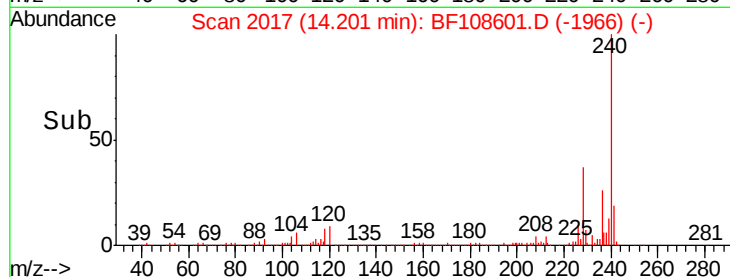
236 26.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 35.558 ng

RT: 12.88 min Scan# 1793

Delta R.T. -0.00 min

Lab File: BF108601.D

Acq: 29 Aug 2018 13:39

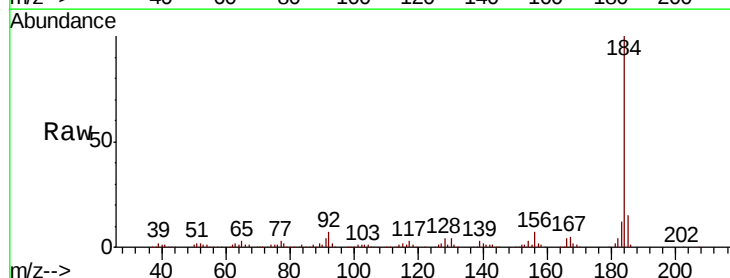
Tgt Ion:184 Resp: 491919

Ion Ratio Lower Upper

184 100

185 14.9 12.6 18.8

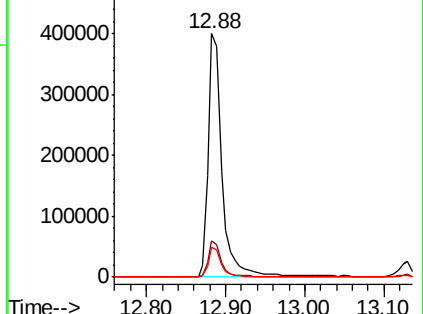
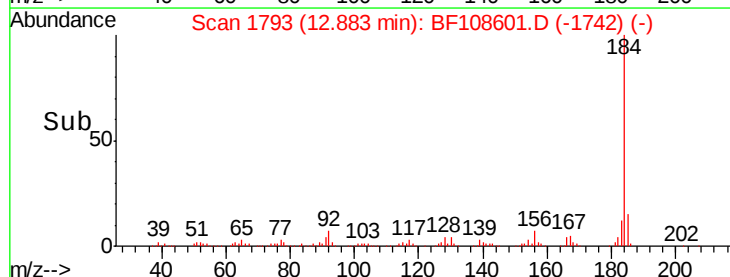
183 12.1 9.3 13.9

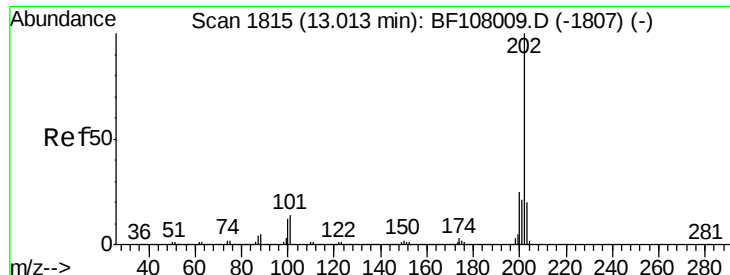


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

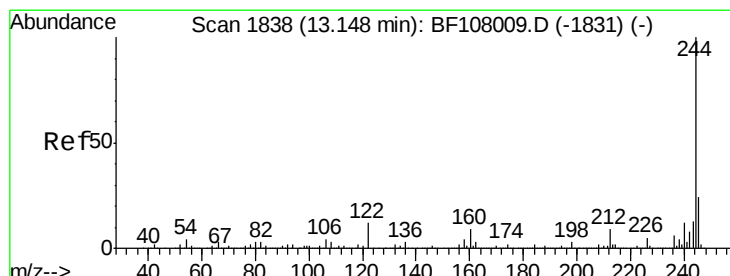
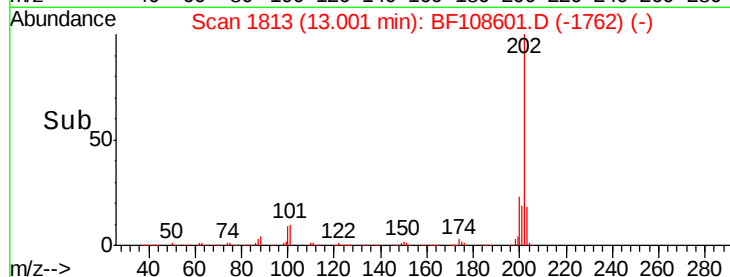
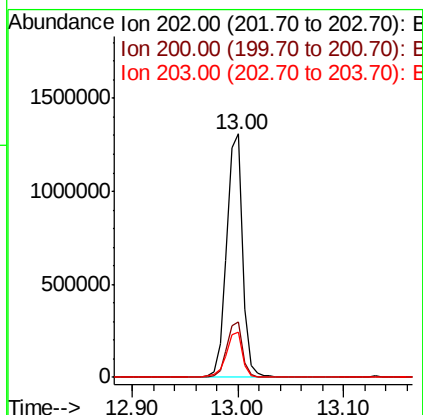
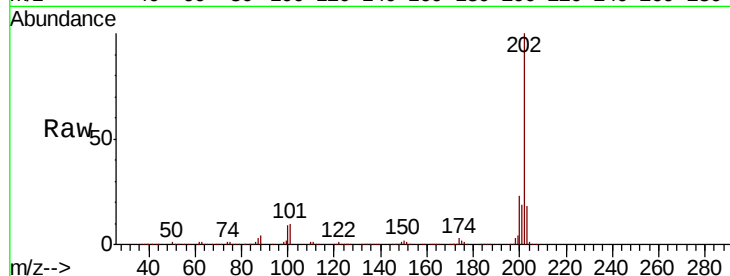




#77
Pvrene
Concen: 58.531 ng
RT: 13.00 min Scan# 1813
Delta R.T. -0.00 min
Lab File: BF108601.D
Acq: 29 Aug 2018 13:39

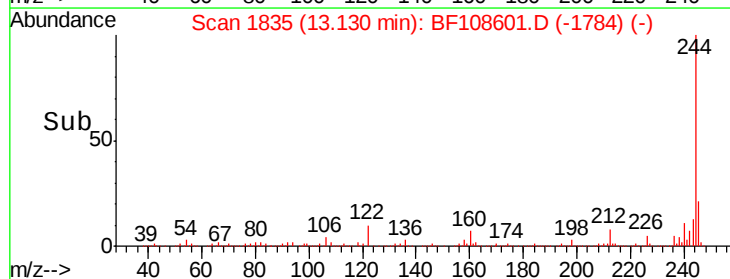
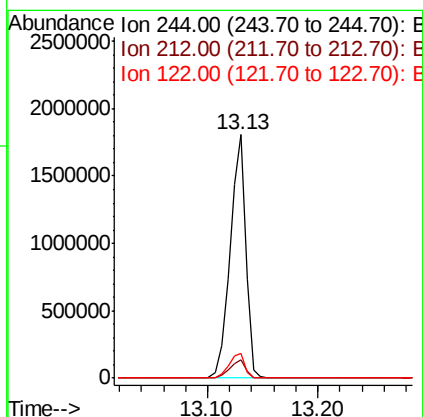
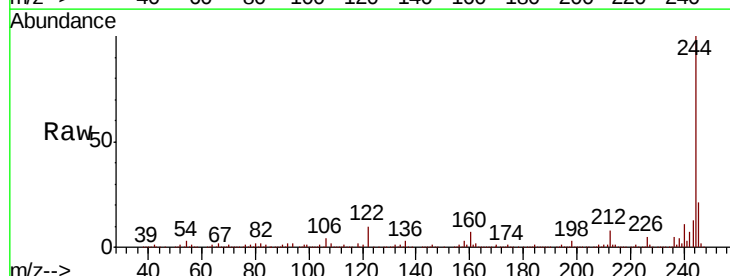
Instrument :
BNA_F
ClientSampleId :

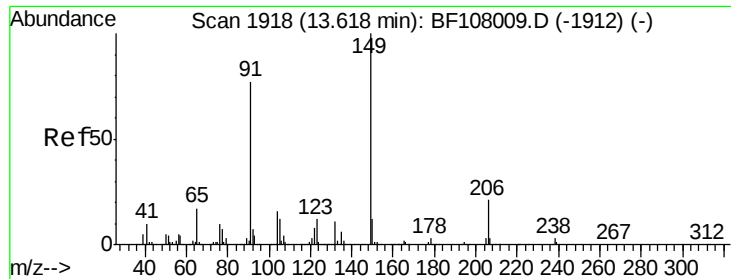
Tot Ion:202 Resp: 1372064
Ion Ratio Lower Upper
202 100
200 22.6 17.4 26.2
203 18.3 14.3 21.5



#78
Terphenyl-d14
Concen: 123.439 ng
RT: 13.13 min Scan# 1835
Delta R.T. -0.00 min
Lab File: BF108601.D
Acq: 29 Aug 2018 13:39

Tgt Ion:244 Resp: 1797603
Ion Ratio Lower Upper
244 100
212 7.6 5.4 8.0
122 10.2 11.0 16.4#

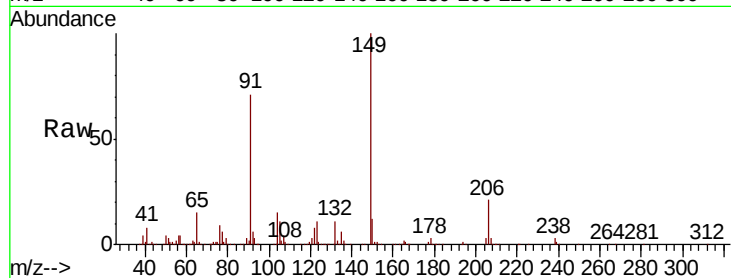




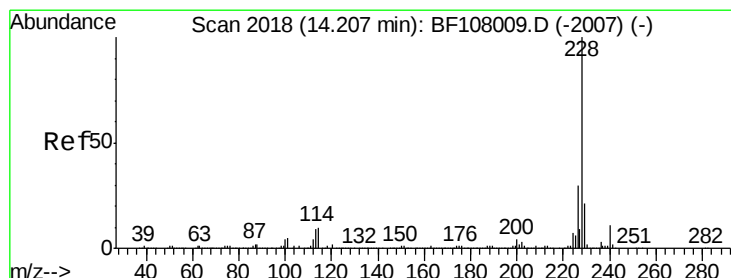
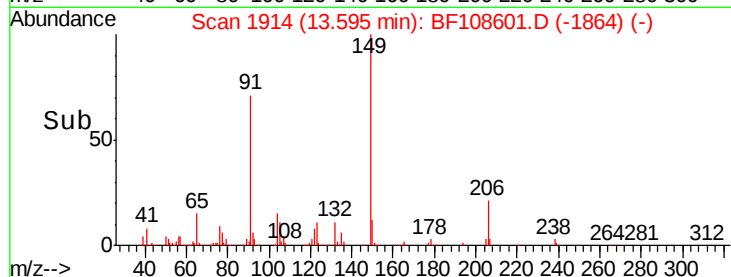
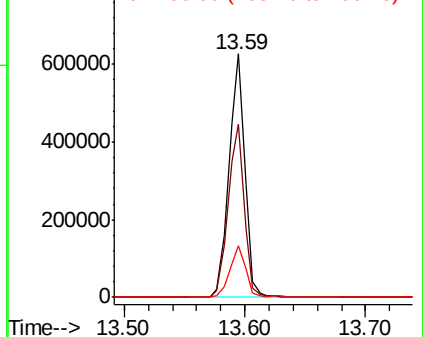
#79
Butylbenzylphthalate
Concen: 61.429 ng
RT: 13.59 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BF108601.D
Acq: 29 Aug 2018 13:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 571799
Ion Ratio Lower Upper
149 100
91 71.0 56.8 85.2
206 20.9 14.1 21.1

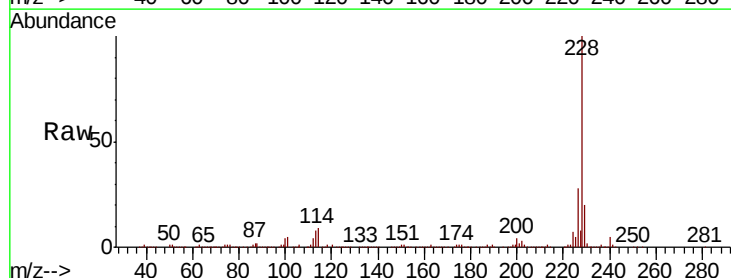


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

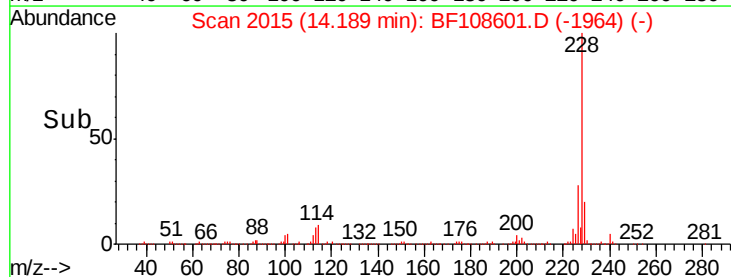
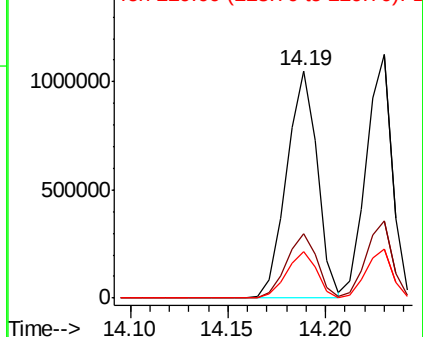


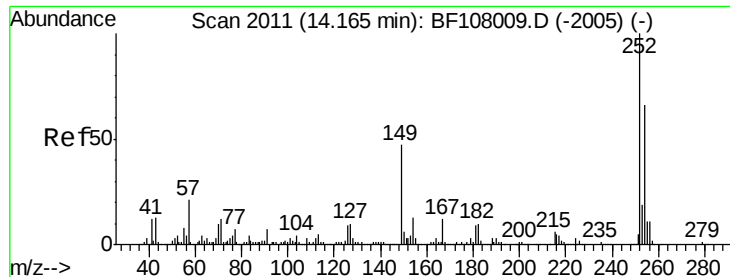
#80
Benzo(a)anthracene
Concen: 53.623 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BF108601.D
Acq: 29 Aug 2018 13:39

Tgt Ion:228 Resp: 1139463
Ion Ratio Lower Upper
228 100
226 28.4 22.6 33.8
229 20.4 15.8 23.6



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

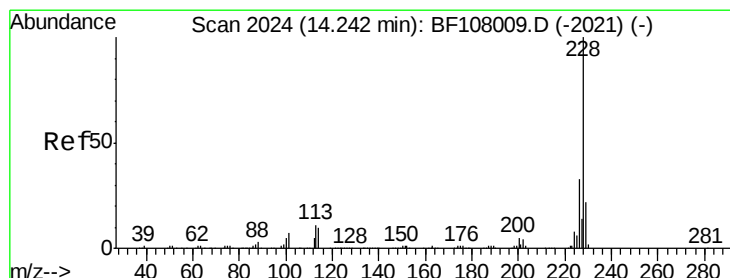
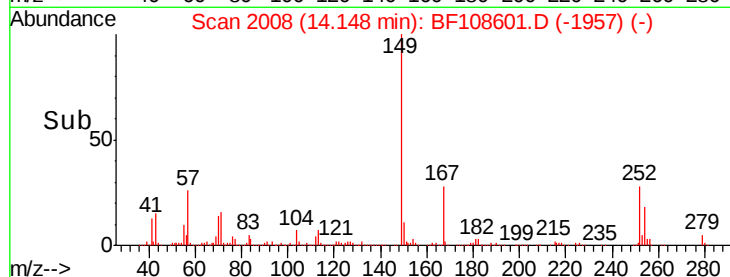
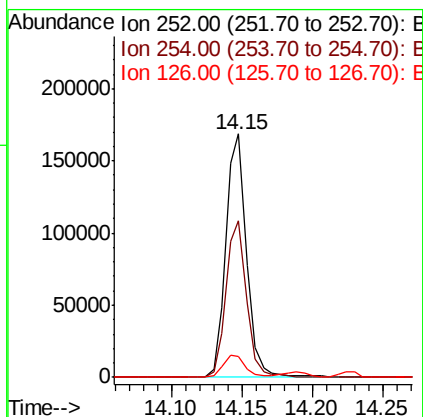
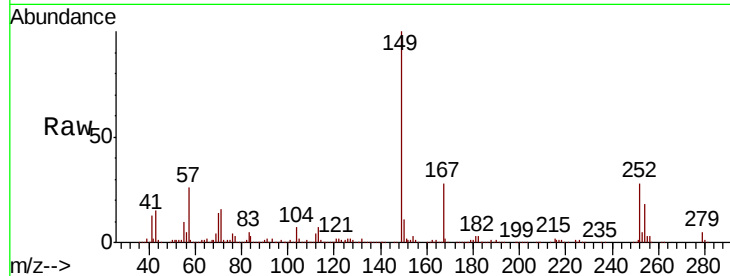




#81
 3,3'-Dichlorobenzidine
 Concen: 22.600 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BF108601.D
 Acq: 29 Aug 2018 13:39

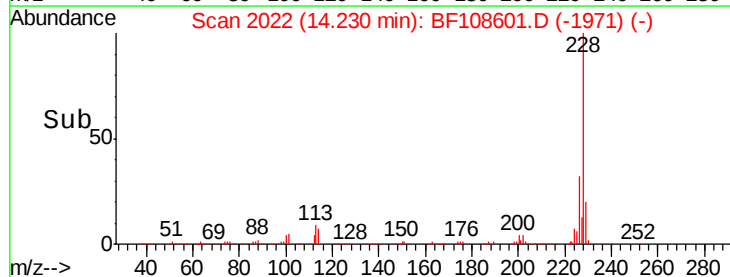
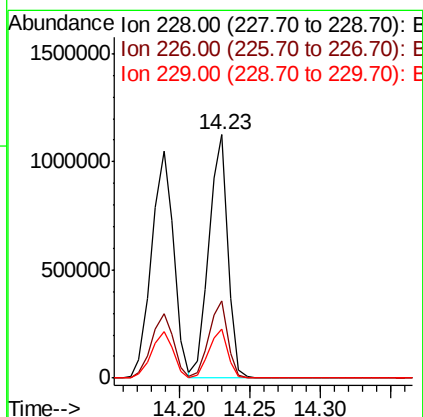
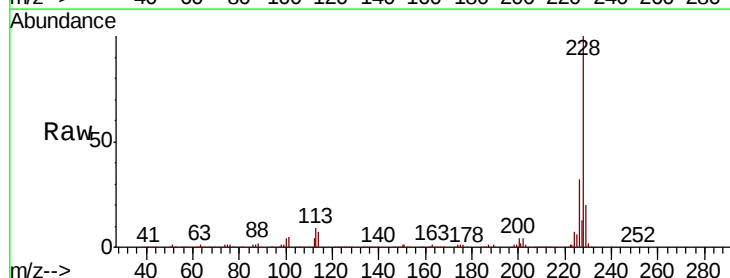
Instrument :
 BNA_F
 ClientSampleId :

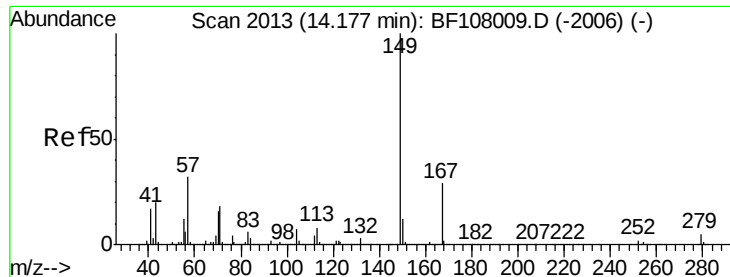
Tot Ion:252 Resp: 172108
 Ion Ratio Lower Upper
 252 100
 254 64.1 50.4 75.6
 126 8.5 11.3 16.9#



#82
 Chrysene
 Concen: 53.732 ng
 RT: 14.23 min Scan# 2022
 Delta R.T. -0.00 min
 Lab File: BF108601.D
 Acq: 29 Aug 2018 13:39

Tgt Ion:228 Resp: 1046772
 Ion Ratio Lower Upper
 228 100
 226 31.8 25.0 37.6
 229 20.2 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 59.587 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF108601.D

Acq: 29 Aug 2018 13:39

Instrument :

BNA_F

ClientSampleId :

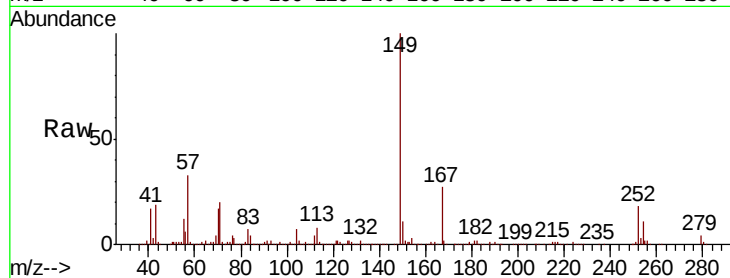
Tot Ion:149 Resp: 751103

Ion Ratio Lower Upper

149 100

167 26.9 21.3 31.9

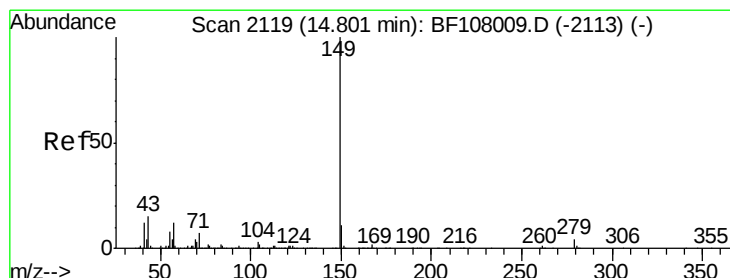
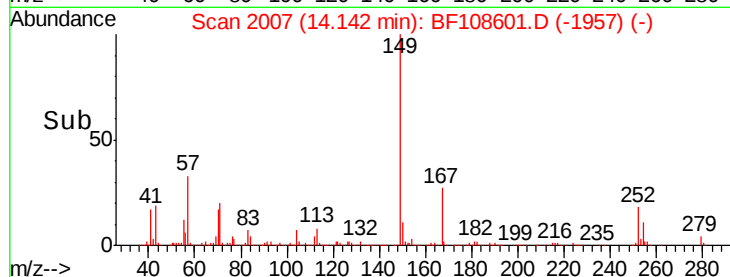
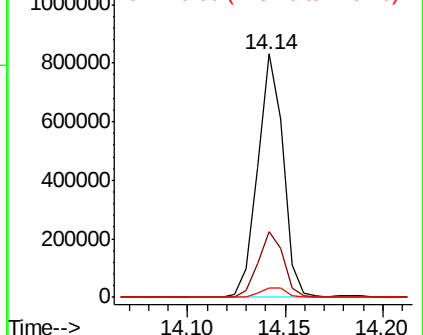
279 3.9 3.0 4.4



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



#84

Di-n-octyl phthalate

Concen: 58.359 ng

RT: 14.77 min Scan# 2113

Delta R.T. -0.01 min

Lab File: BF108601.D

Acq: 29 Aug 2018 13:39

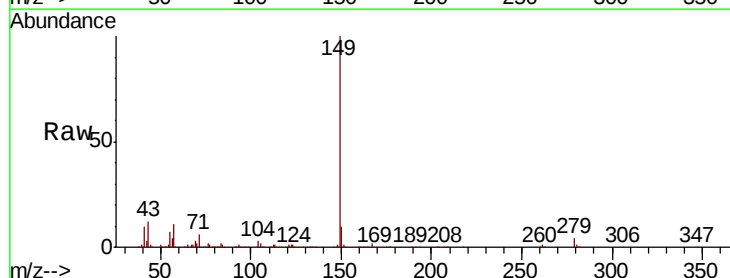
Tgt Ion:149 Resp: 1121897

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

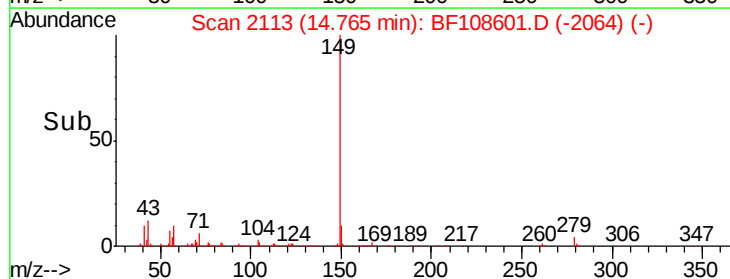
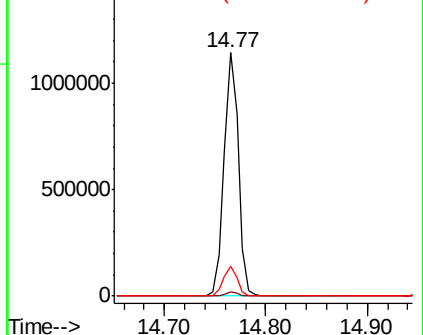
43 11.9 8.4 12.6

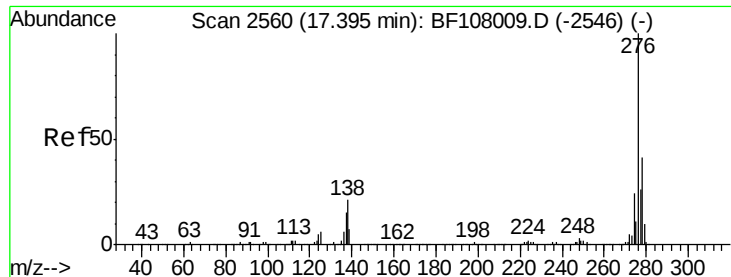


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 50.619 ng

RT: 17.38 min Scan# 2558

Delta R.T. 0.01 min

Lab File: BF108601.D

Acq: 29 Aug 2018 13:39

Instrument :

BNA_F

ClientSampleId :

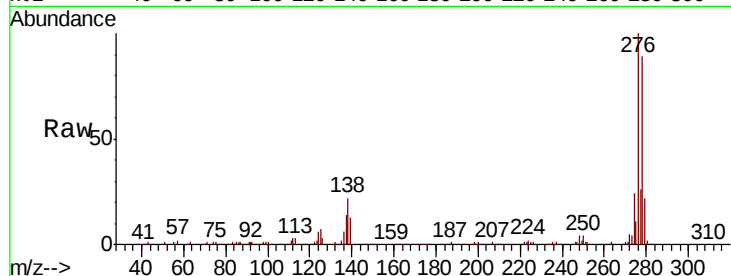
Tot Ion:276 Resp: 854437

Ion Ratio Lower Upper

276 100

138 20.8 25.0 37.6#

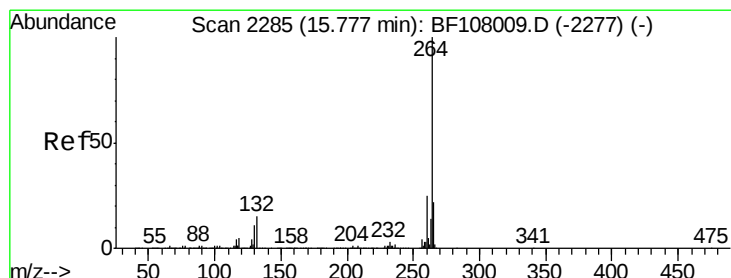
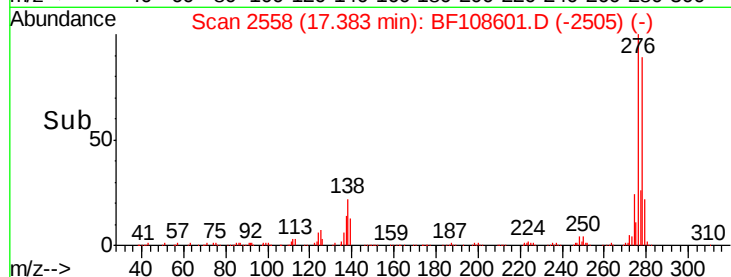
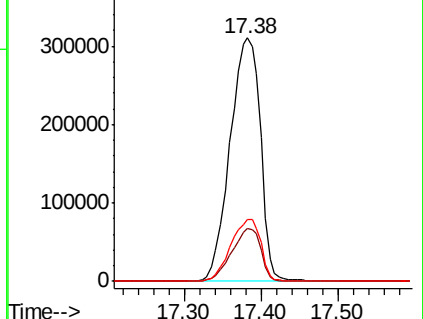
277 25.3 20.1 30.1



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.75 min Scan# 2281

Delta R.T. -0.01 min

Lab File: BF108601.D

Acq: 29 Aug 2018 13:39

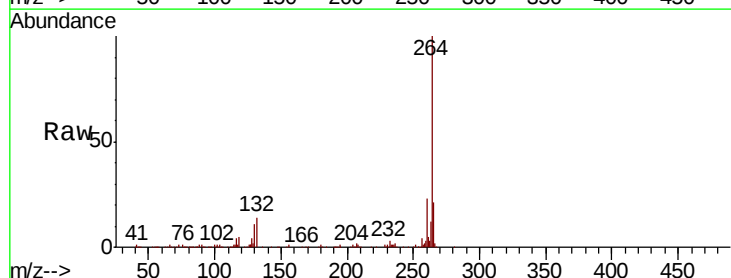
Tgt Ion:264 Resp: 274523

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

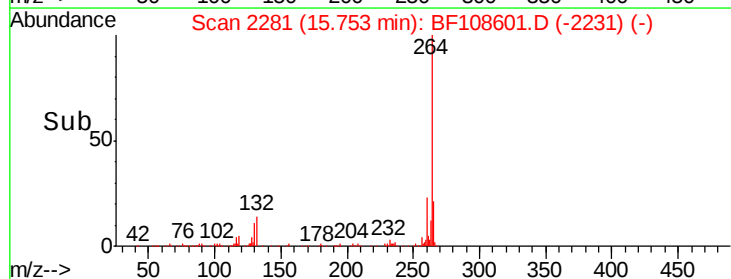
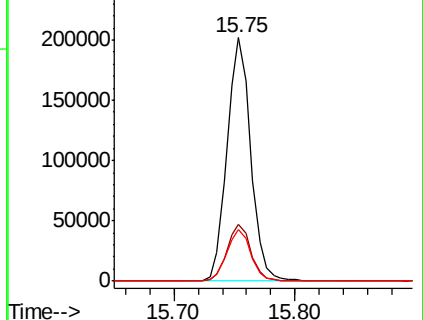
265 21.3 17.5 26.3

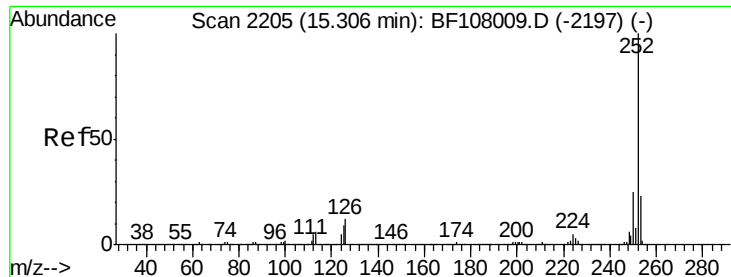


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 56.279 ng

RT: 15.29 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BF108601.D

Acq: 29 Aug 2018 13:39

Instrument :

BNA_F

ClientSampleId :

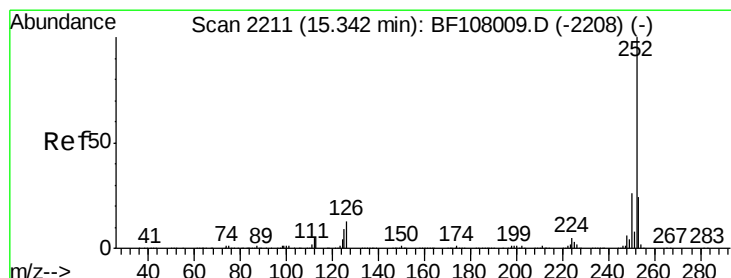
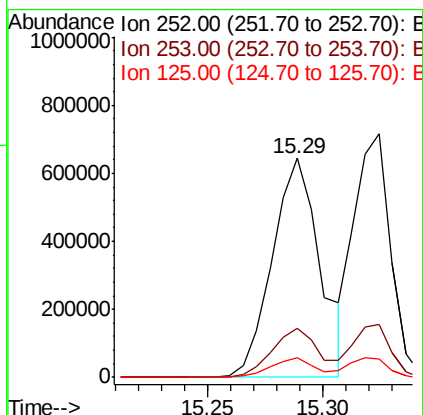
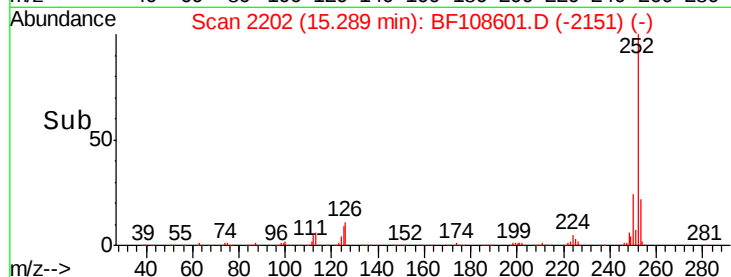
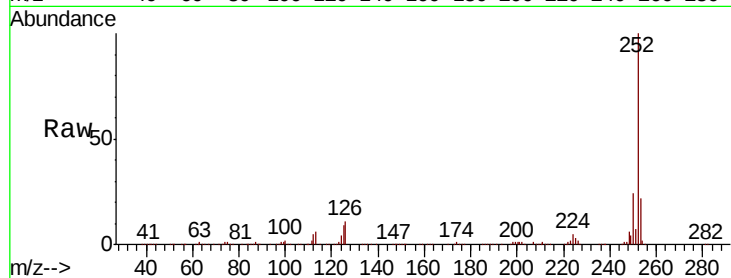
Tot Ion:252 Resp: 923187

Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.6

125 8.7 9.0 13.6#



#88

Benzo(k)fluoranthene

Concen: 52.198 ng

RT: 15.32 min Scan# 2208

Delta R.T. -0.00 min

Lab File: BF108601.D

Acq: 29 Aug 2018 13:39

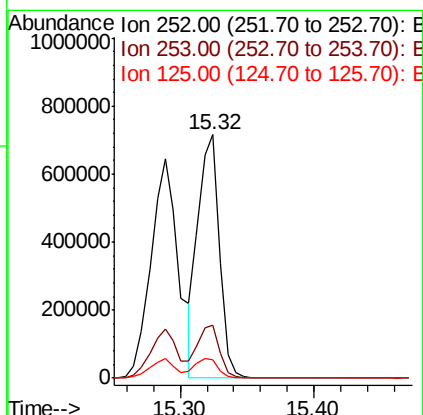
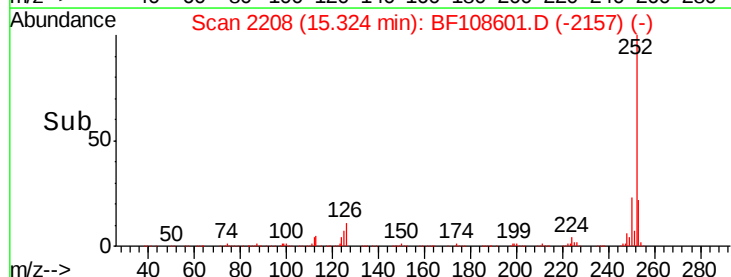
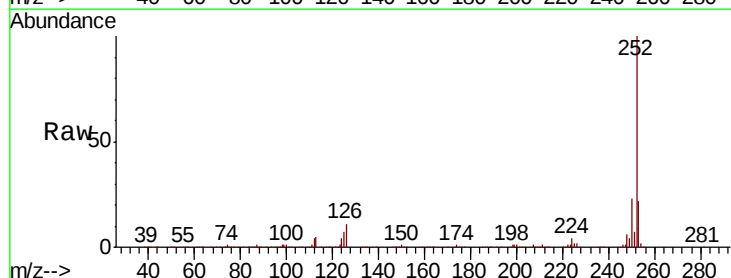
Tgt Ion:252 Resp: 787101

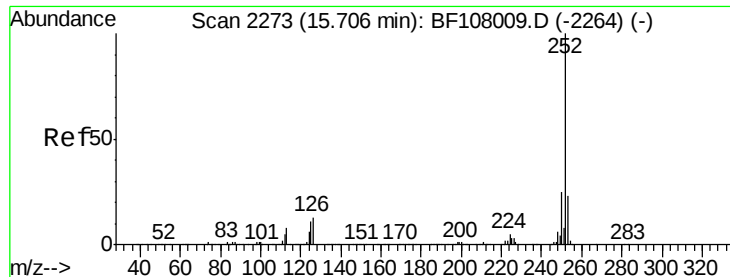
Ion Ratio Lower Upper

252 100

253 21.6 17.9 26.9

125 7.5 10.2 15.2#

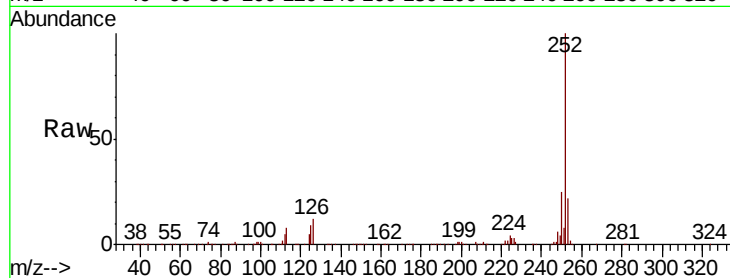




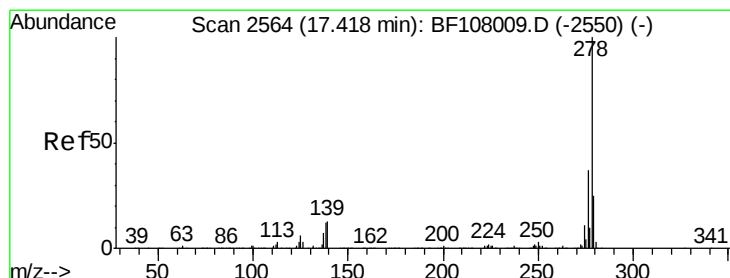
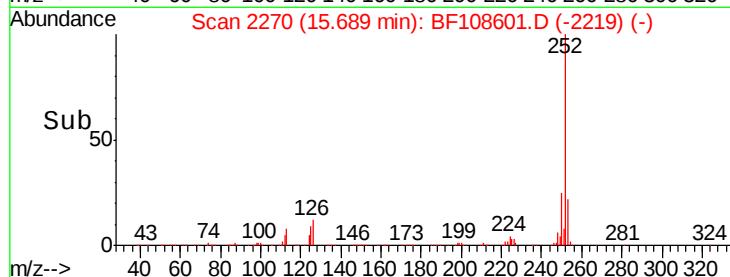
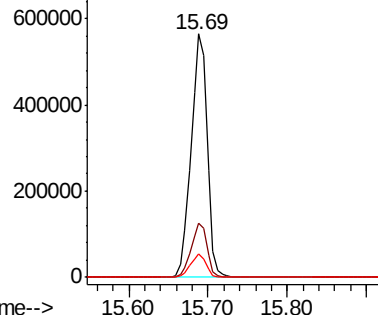
#89
Benzo(a)pyrene
Concen: 54.020 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF108601.D
Acq: 29 Aug 2018 13:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	9.4	9.8	14.6

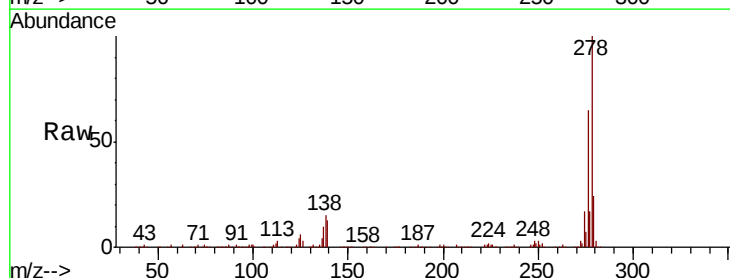


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

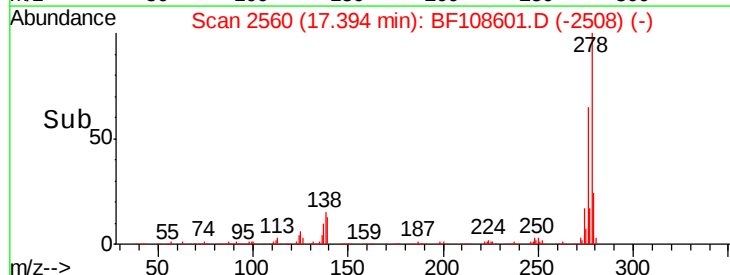
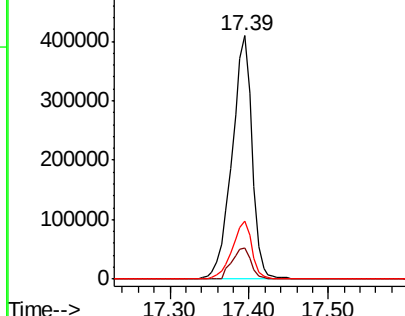


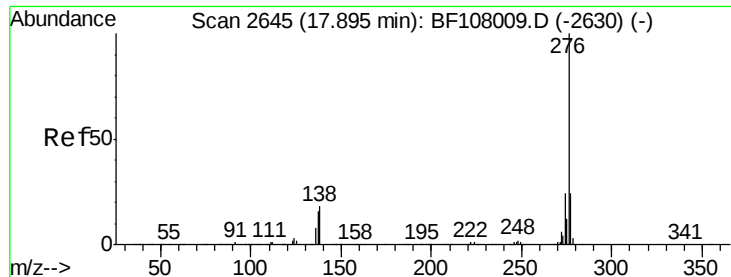
#90
Dibenzo(a,h)anthracene
Concen: 59.101 ng
RT: 17.39 min Scan# 2560
Delta R.T. 0.01 min
Lab File: BF108601.D
Acq: 29 Aug 2018 13:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.9	15.9	23.9
279	23.6	19.0	28.4



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

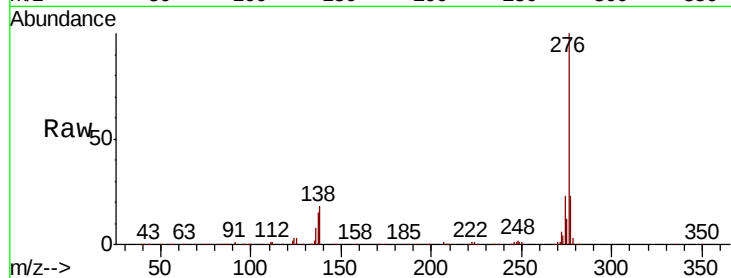




#91
 Benzo(a,h,i)perylene
 Concen: 60.819 ng
 RT: 17.88 min Scan# 2642
 Delta R.T. 0.01 min
 Lab File: BF108601.D
 Acq: 29 Aug 2018 13:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.9	26.9
138	18.2	21.8	32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

