

Data Path : U:\HPCHEM1\BNA F\DATA\BF012918\
 Data File : BF102613.D
 Acq On : 29 Jan 2018 22:38
 Operator : SJ/JU
 Sample : J1353-02MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 00:14:37 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	155239	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	638111	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	278385	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	422359	20.00	ng	0.00
75) Chrysene-d12	13.88	240	292659	20.00	ng	0.00
86) Perylene-d12	15.32	264	301538	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	644723	62.97	ng	0.00
7) Phenol-d6	6.36	99	755900	61.24	ng	0.00
23) Nitrobenzene-d5	7.28	82	467245	42.08	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	136074	49.33	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	795908	42.04	ng	0.00
78) Terphenyl-d14	12.82	244	563263	43.39	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.39	88	96067	19.749	ng	98
3) Pyridine	3.11	79	229963	18.090	ng	95
4) n-Nitrosodimethylamine	3.06	42	106000	21.269	ng	97
6) Aniline	6.37	93	180616	11.063	ng	# 1
8) 2-Chlorophenol	6.50	128	239794	22.343	ng	94
9) Benzaldehyde	6.26	77	99955	11.827	ng	93
10) Phenol	6.37	94	299653	22.237	ng	78
11) bis(2-Chloroethyl)ether	6.45	93	226434	22.093	ng	99
12) 1,3-Dichlorobenzene	6.65	146	254662	19.951	ng	99
13) 1,4-Dichlorobenzene	6.73	146	263609	20.617	ng	99
14) 1,2-Dichlorobenzene	6.88	146	243248	20.799	ng	99
15) Benzyl Alcohol	6.86	79	186938	21.465	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	364157	21.185	ng	80
17) 2-Methylphenol	6.98	107	193305	20.739	ng	# 92
18) Hexachloroethane	7.22	117	85226	19.128	ng	89
19) n-Nitroso-di-n-propylamine	7.13	70	164913	21.832	ng	96
20) 3+4-Methylphenols	7.14	107	257206	23.462	ng	96
22) Acetophenone	7.13	105	337616	22.195	ng	# 97
24) Nitrobenzene	7.30	77	241252	21.230	ng	100
25) Isophorone	7.54	82	438237	22.138	ng	97
26) 2-Nitrophenol	7.62	139	112064	18.738	ng	94
27) 2,4-Dimethylphenol	7.66	122	211554	24.360	ng	98
28) bis(2-Chloroethoxy)methane	7.75	93	287057	23.474	ng	98
29) 2,4-Dichlorophenol	7.87	162	197949	22.377	ng	98
30) 1,2,4-Trichlorobenzene	7.94	180	191176	20.161	ng	99
31) Naphthalene	8.02	128	687925	21.592	ng	99
32) Benzoic acid	7.66	122	211554	29.076	ng	# 13
33) 4-Chloroaniline	8.07	127	145209	10.839	ng	98
34) Hexachlorobutadiene	8.13	225	97544	19.260	ng	99
35) Caprolactam	8.43	113	57505	19.683	ng	99
36) 4-Chloro-3-methylphenol	8.57	107	202160	21.681	ng	95
37) 2-Methylnaphthalene	8.71	142	463541	21.847	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	176244	21.043	ng	99
40) Hexachlorocyclopentadiene	8.86	237	15980	4.263	ng	92

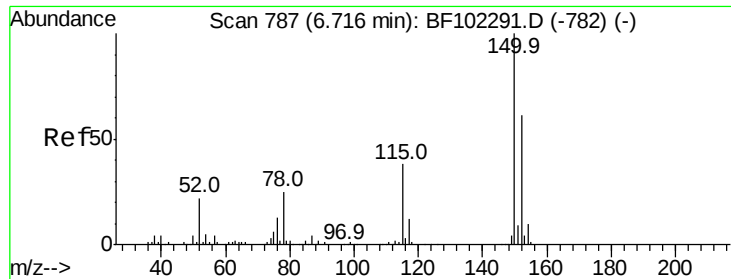
Data Path : U:\HPCHEM1\BNA F\DATA\BF012918\
 Data File : BF102613.D
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 Operator : SJ/JU
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 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	116245	20.733	nq	98
43) 2,4,5-Trichlorophenol	9.05	196	118902	18.835	nq	98
45) 1,1'-Biphenyl	9.17	154	524457	21.069	nq	99
46) 2-Chloronaphthalene	9.20	162	402871	20.822	nq	98
47) 2-Nitroaniline	9.30	65	130482	21.631	nq	99
48) Acenaphthylene	9.61	152	689914	22.888	nq	100
49) Dimethylphthalate	9.47	163	546292	23.741	nq	99
50) 2,6-Dinitrotoluene	9.55	165	100028	20.163	nq	93
51) Acenaphthene	9.78	154	362858	20.612	nq	99
52) 3-Nitroaniline	9.72	138	99457	16.947	nq	94
53) 2,4-Dinitrophenol	9.85	184	2695	4.850	nq	# 22
54) Dibenzofuran	9.96	168	532498	22.350	nq	100
55) 4-Nitrophenol	9.90	139	93267	24.075	nq	95
56) 2,4-Dinitrotoluene	9.95	165	118539	19.430	nq	# 80
57) Fluorene	10.30	166	428842	22.715	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	82229	18.243	nq	97
59) Diethylphthalate	10.17	149	453257	20.271	nq	98
60) 4-Chlorophenyl-phenylether	10.29	204	179746	21.959	nq	96
61) 4-Nitroaniline	10.33	138	97834	16.706	nq	88
62) Azobenzene	10.45	77	414713	20.257	nq	95
64) 4,6-Dinitro-2-methylphenol	10.37	198	12085	4.289	nq	88
65) n-Nitrosodiphenylamine	10.41	169	365668	23.588	nq	99
66) 4-Bromophenyl-phenylether	10.78	248	103646	22.796	nq	92
67) Hexachlorobenzene	10.84	284	97747	19.223	nq	96
68) Atrazine	10.94	200	107297	23.435	nq	98
69) Pentachlorophenol	11.05	266	49362	18.479	nq	96
70) Phenanthrene	11.26	178	796317	32.355	nq	99
71) Anthracene	11.32	178	596981	23.764	nq	98
72) Carbazole	11.47	167	517461	21.114	nq	98
73) Di-n-butylphthalate	11.79	149	660006	21.545	nq	100
74) Fluoranthene	12.45	202	939366	37.428	nq	99
76) Benzidine	12.58	184	152340	15.495	nq	97
77) Pyrene	12.68	202	896183	39.606	nq	99
79) Butylbenzylphthalate	13.29	149	230467	20.467	nq	98
80) Benzo(a)anthracene	13.87	228	611335	33.929	nq	98
81) 3,3'-Dichlorobenzidine	13.83	252	112911	17.083	nq	99
82) Chrysene	13.91	228	593899	32.458	nq	100
83) Bis(2-ethylhexyl)phthalate	13.85	149	335584	22.176	nq	100
84) Di-n-octyl phthalate	14.46	149	542919	22.061	nq	99
85) Indeno(1,2,3-cd)pyrene	16.73	276	439956	29.115	nq	98
87) Benzo(b)fluoranthene	14.93	252	412188	21.090	nq	99
88) Benzo(k)fluoranthene	14.93	252	412188	22.323	nq	98
89) Benzo(a)pyrene	15.26	252	553680	31.411	nq	95
90) Dibenzo(a,h)anthracene	16.73	278	287658	20.146	nq	96
91) Benzo(g,h,i)perylene	17.14	276	368748	26.155	nq	94

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

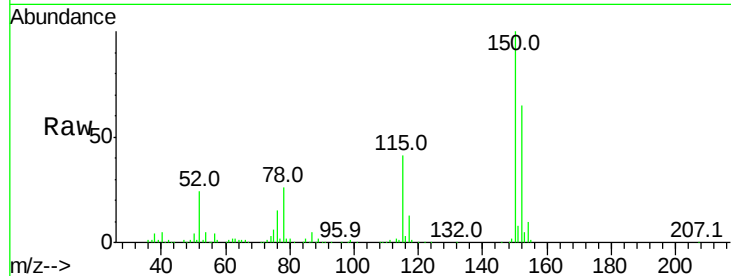


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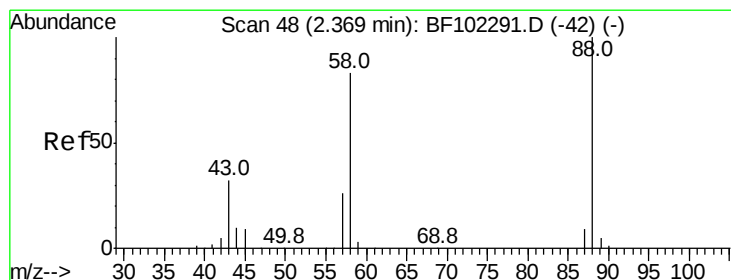
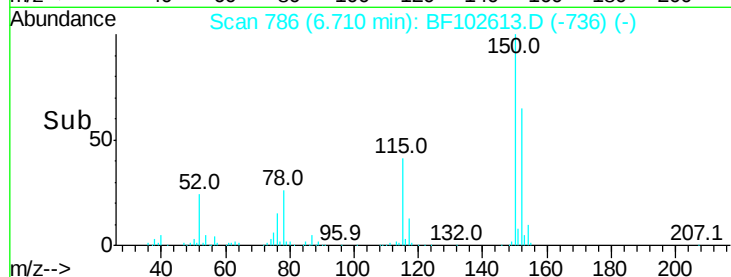
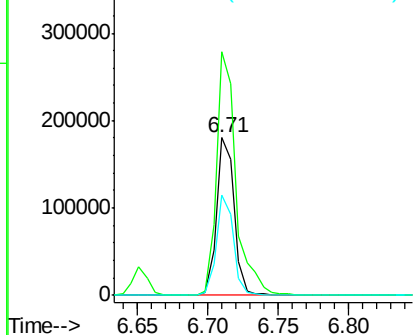
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102613.D
Acq: 29 Jan 2018 22:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 155239
Ion Ratio Lower Upper
152 100
150 154.4 124.6 186.8
115 63.7 50.1 75.1



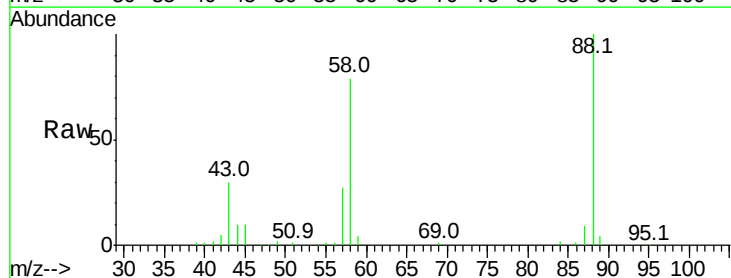
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



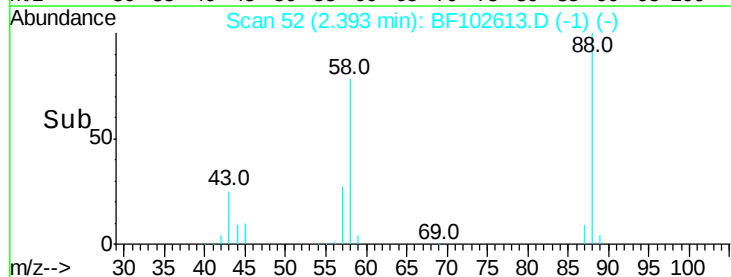
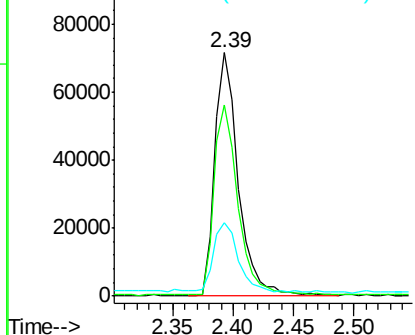
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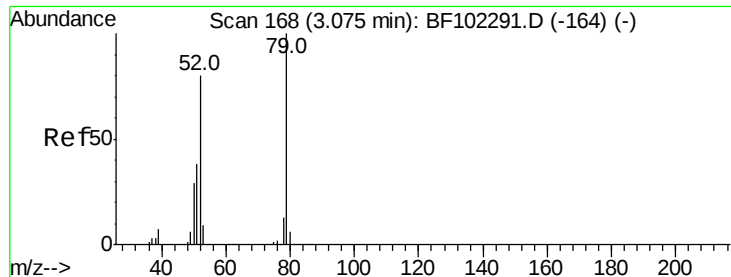
1,4-Dioxane
Concen: 19.749 ng
RT: 2.39 min Scan# 52
Delta R.T. 0.03 min
Lab File: BF102613.D
Acq: 29 Jan 2018 22:38

Tgt Ion: 88 Resp: 96067
Ion Ratio Lower Upper
88 100
58 79.2 62.6 93.8
43 29.5 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

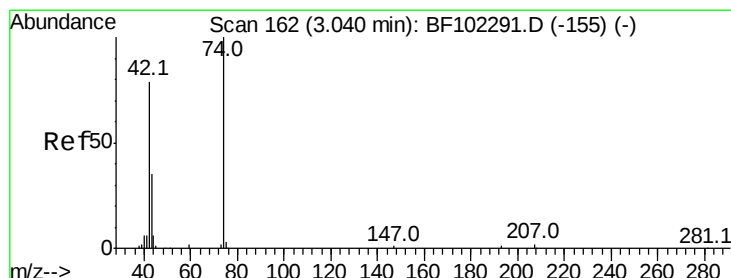
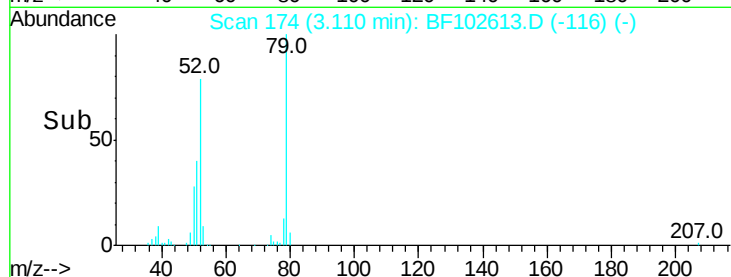
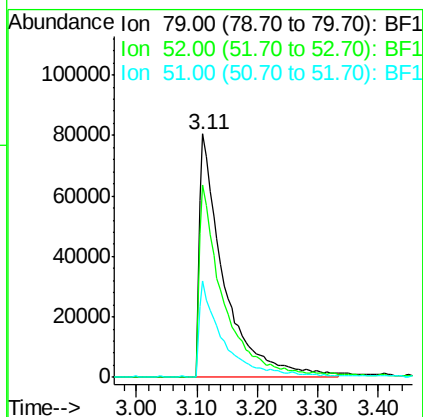
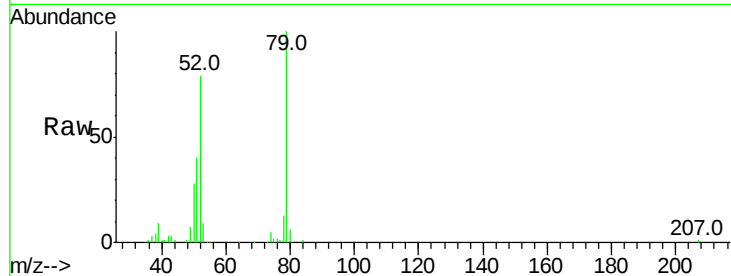




#3
 Pvridine
 Concen: 18.090 ng
 RT: 3.11 min Scan# 174
 Delta R.T. 0.04 min
 Lab File: BF102613.D
 Acq: 29 Jan 2018 22:38

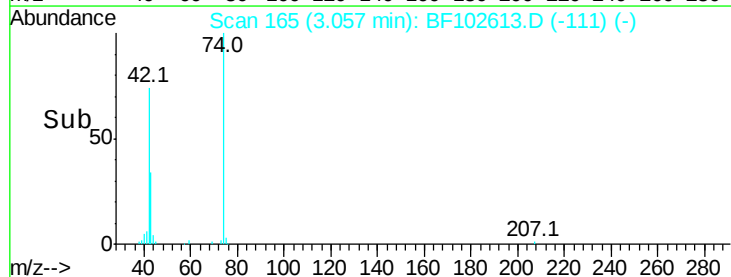
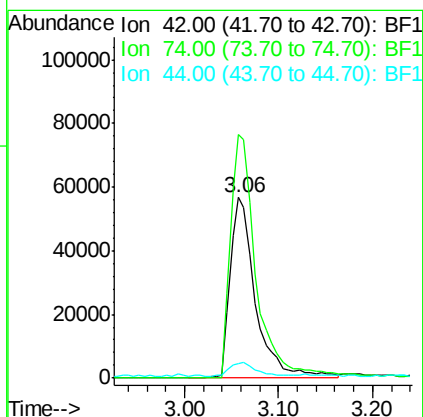
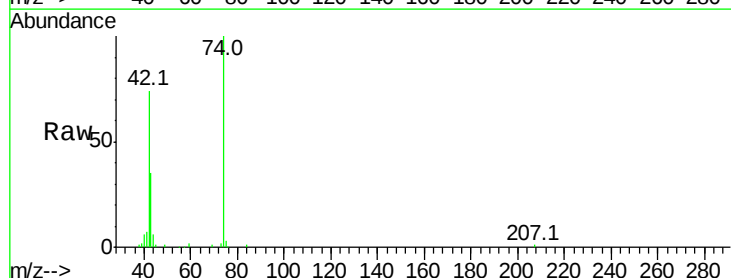
Instrument :
 BNA_F
 ClientSampleId :

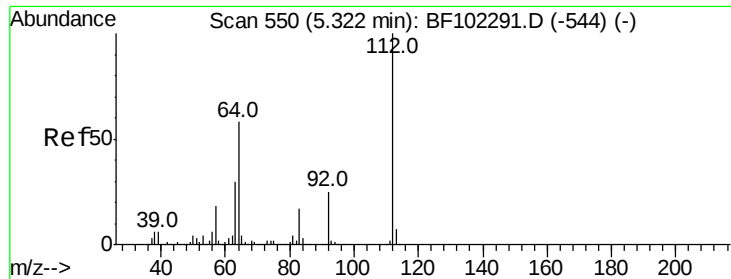
Tot Ion: 79 Resp: 229963
 Ion Ratio Lower Upper
 79 100
 52 79.1 59.8 89.6
 51 39.8 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 21.269 ng
 RT: 3.06 min Scan# 165
 Delta R.T. 0.02 min
 Lab File: BF102613.D
 Acq: 29 Jan 2018 22:38

Tgt Ion: 42 Resp: 106000
 Ion Ratio Lower Upper
 42 100
 74 134.6 104.9 157.3
 44 8.1 6.9 10.3





#5

2-Fluorophenol

Concen: 62.972 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

Instrument :

BNA_F

ClientSampleId :

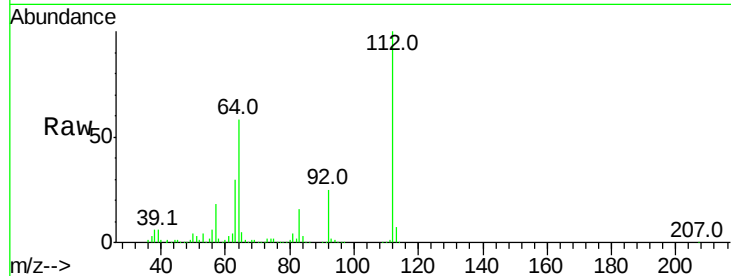
Tot Ion:112 Resp: 644723

Ion Ratio Lower Upper

112 100

64 58.4 47.9 71.9

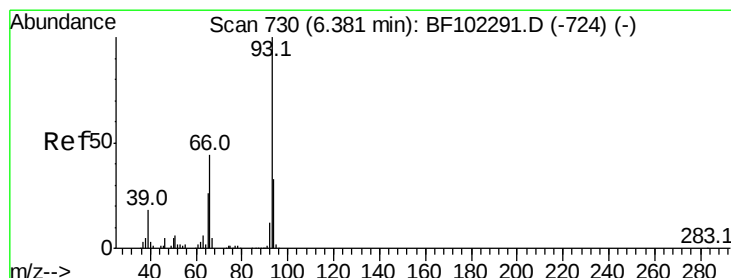
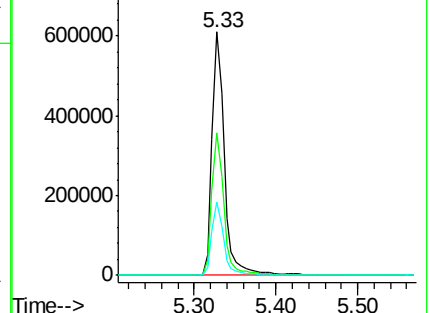
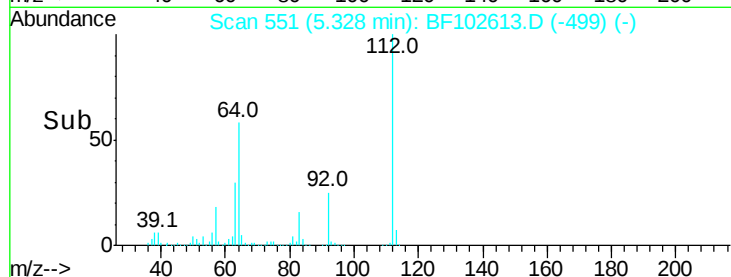
63 30.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 11.063 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

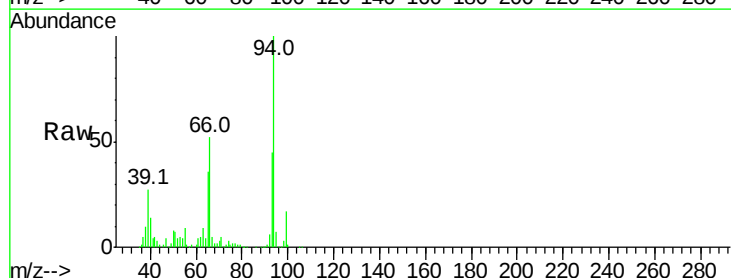
Tgt Ion: 93 Resp: 180616

Ion Ratio Lower Upper

93 100

66 115.4 32.2 48.2#

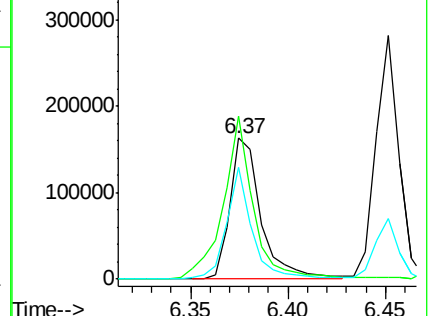
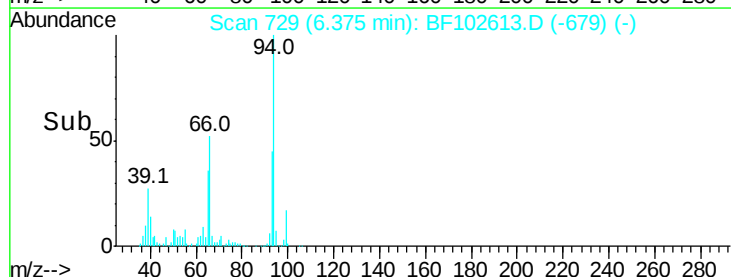
65 79.7 16.4 24.6#

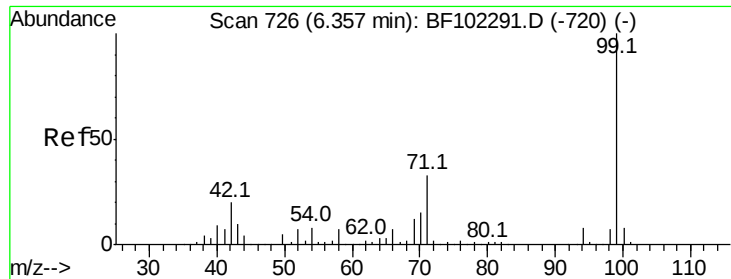


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 61.240 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

Instrument :

BNA_F

ClientSampleId :

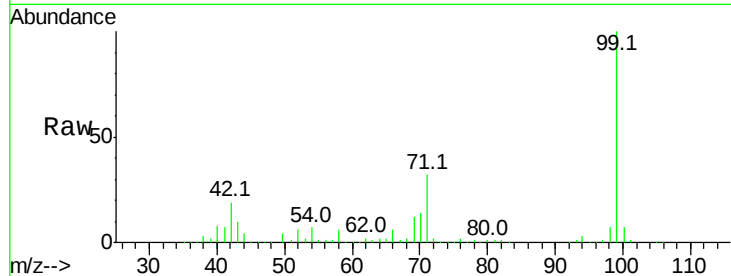
Tot Ion: 99 Resp: 755900

Ion Ratio Lower Upper

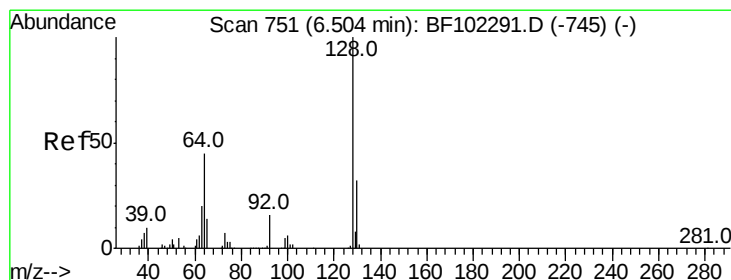
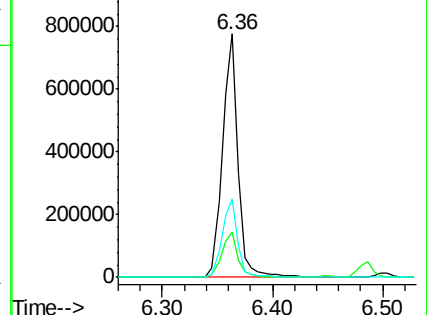
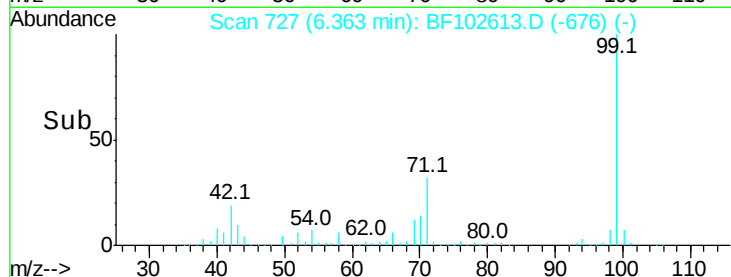
99 100

42 18.6 14.5 21.7

71 32.0 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: 22.343 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

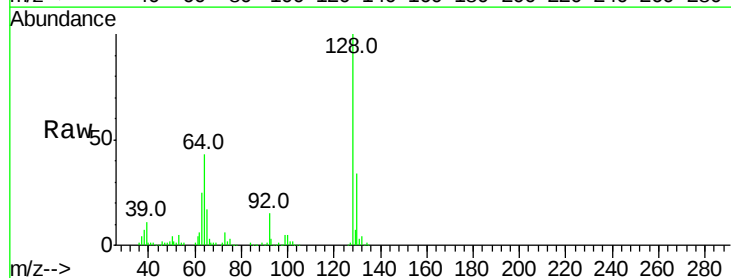
Tgt Ion:128 Resp: 239794

Ion Ratio Lower Upper

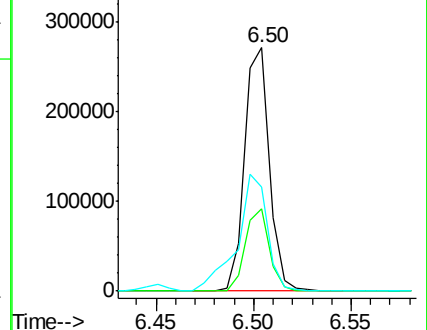
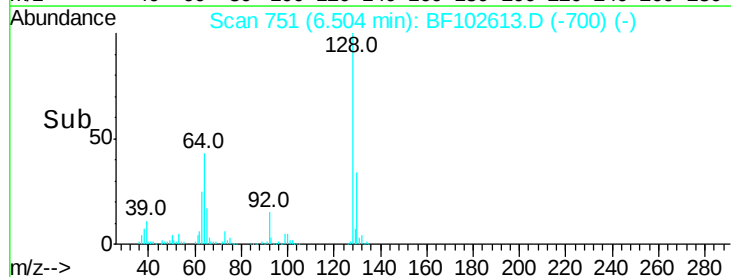
128 100

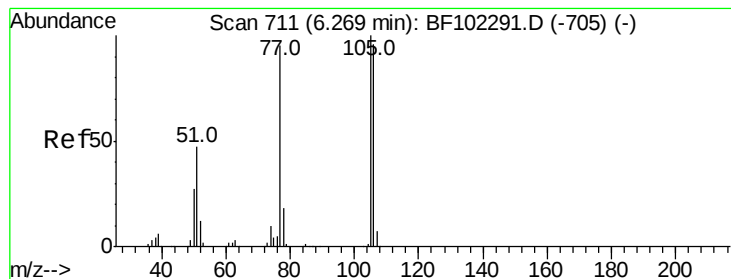
130 33.6 13.0 53.0

64 42.8 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: 11.827 ng

RT: 6.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

Instrument :

BNA_F

ClientSampled :

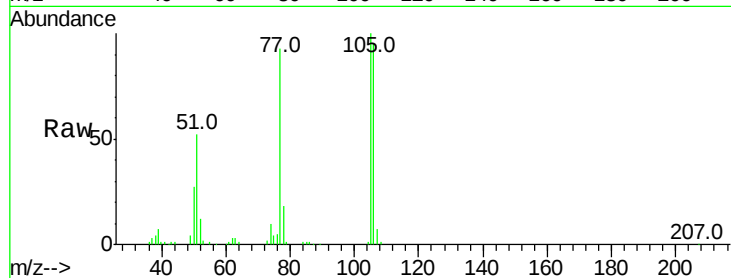
Tot Ion: 77 Resp: 99955

Ion Ratio Lower Upper

77 100

105 107.9 81.1 121.1

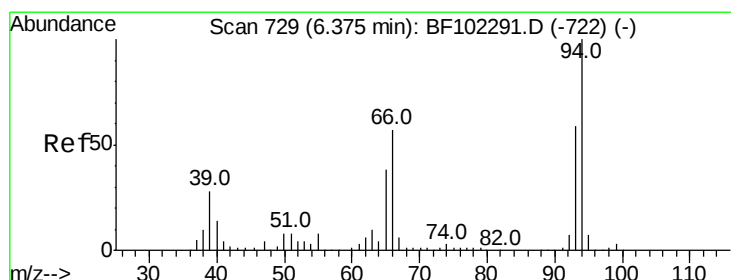
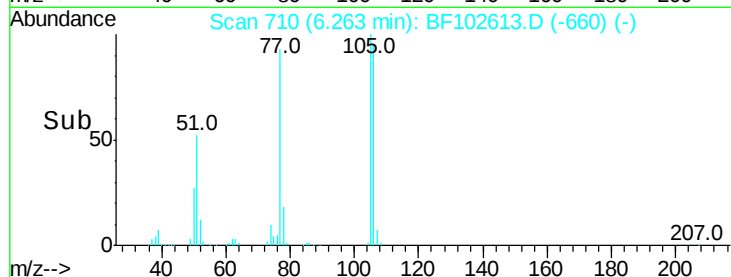
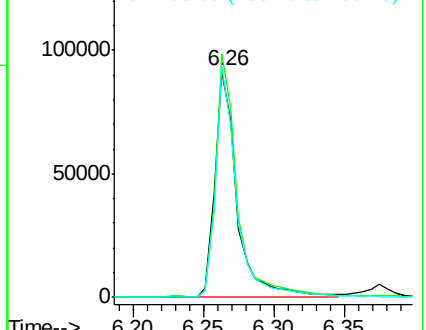
106 102.5 74.5 114.5



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: 22.237 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

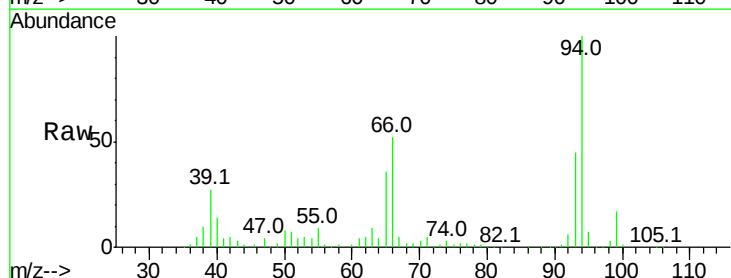
Tgt Ion: 94 Resp: 299653

Ion Ratio Lower Upper

94 100

65 36.1 7.9 47.9

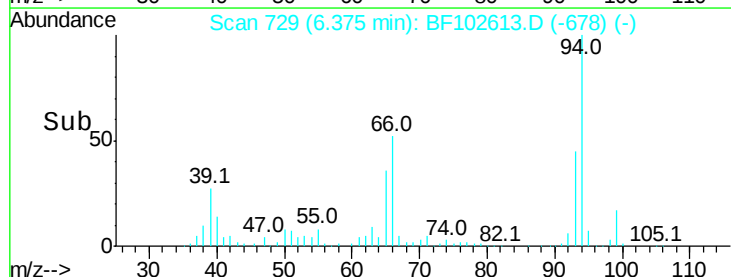
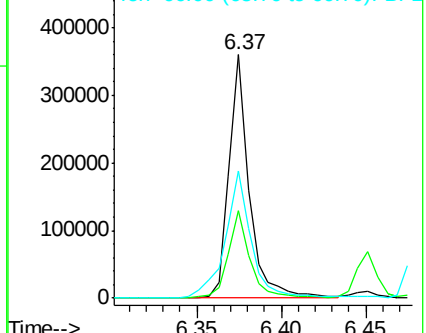
66 52.3 16.2 56.2

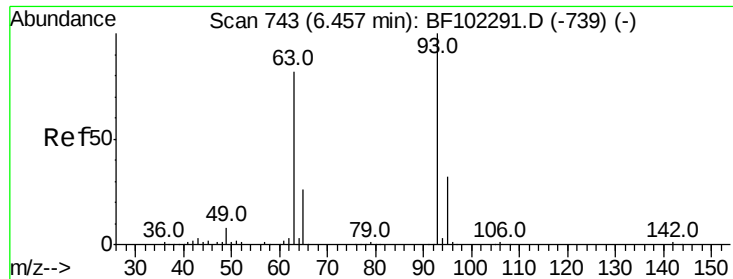


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 22.093 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

Instrument :

BNA_F

ClientSampleId :

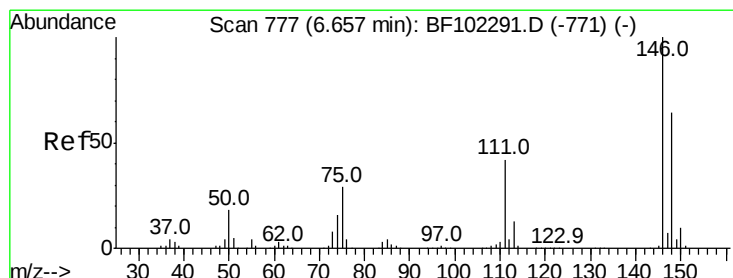
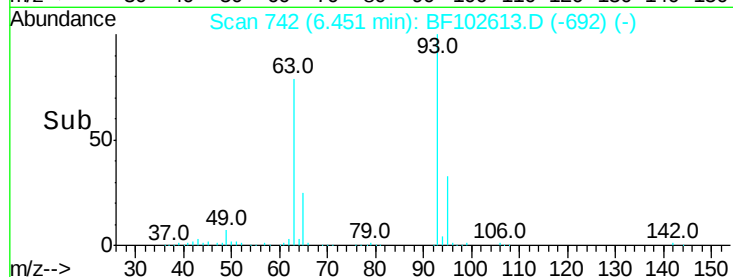
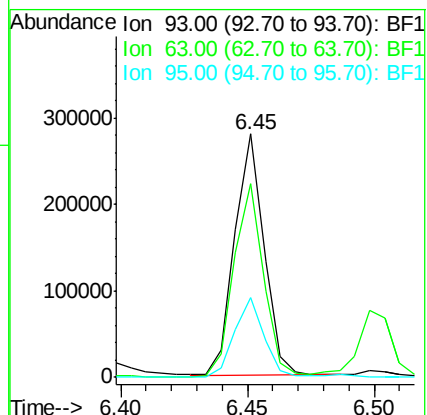
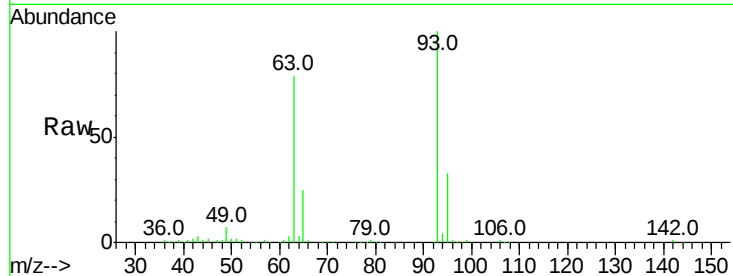
Tot Ion: 93 Resp: 226434

Ion Ratio Lower Upper

93 100

63 79.5 58.6 98.6

95 32.6 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 19.951 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

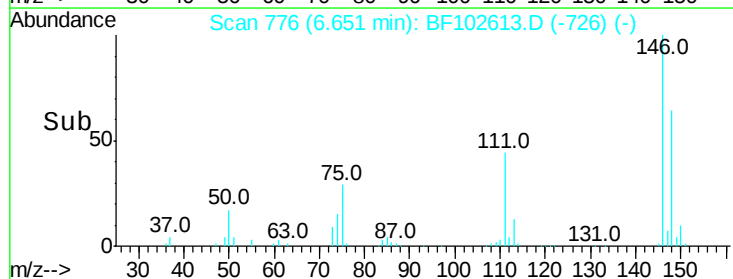
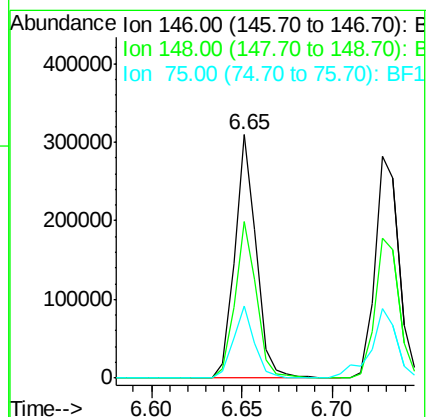
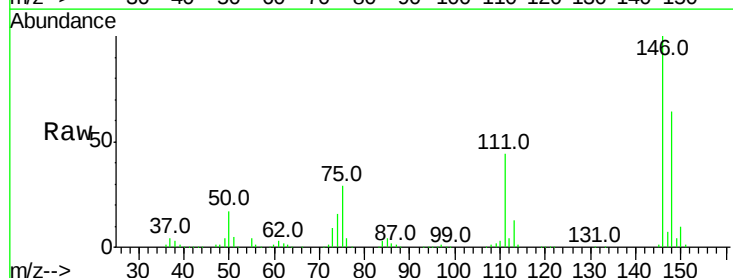
Tgt Ion: 146 Resp: 254662

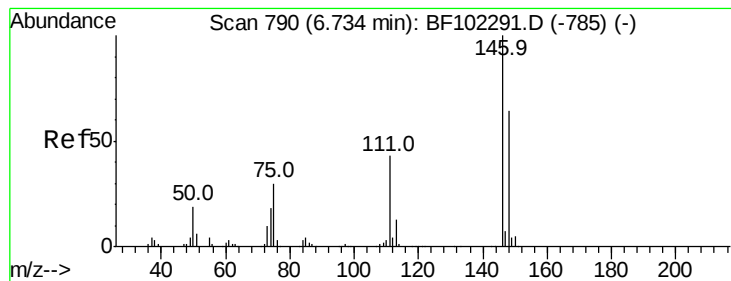
Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.8

75 29.4 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 20.617 ng

RT: 6.73 min Scan# 789

Delta R.T. -0.01 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

Instrument :

BNA_F

ClientSampleId :

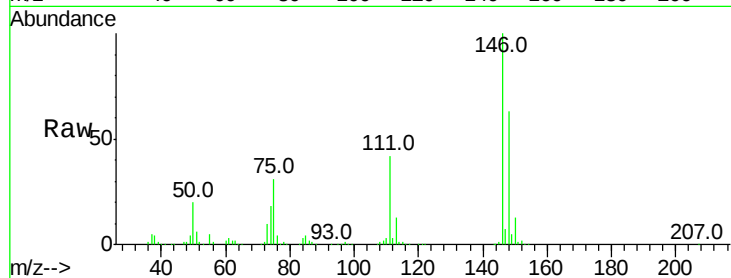
Tot Ion:146 Resp: 263609

Ion Ratio Lower Upper

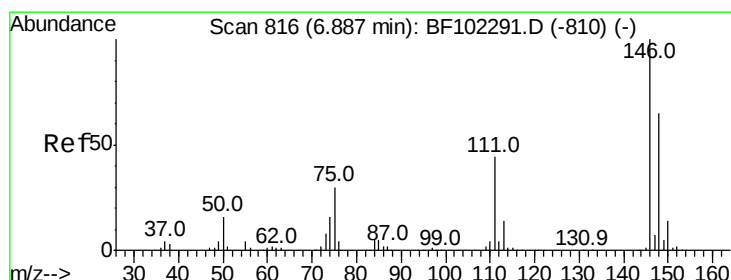
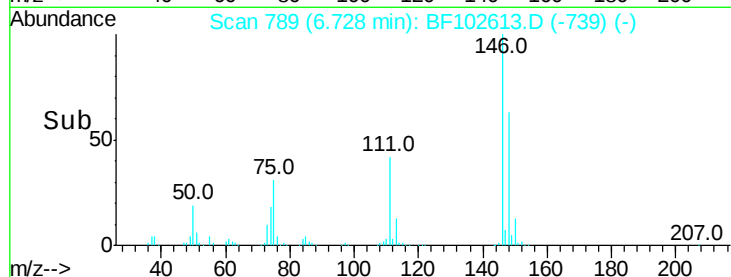
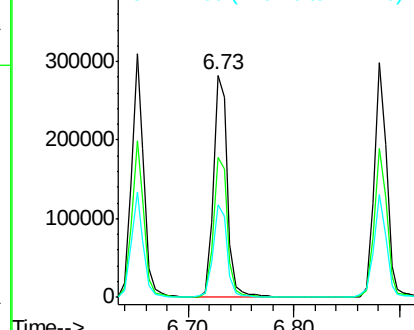
146 100

148 63.1 50.8 76.2

111 41.9 34.2 51.2



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



#14

1,2-Dichlorobenzene

Concen: 20.799 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

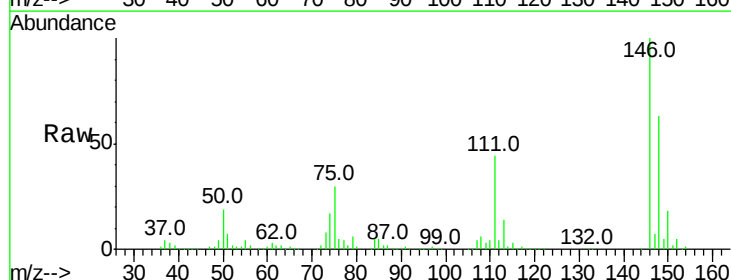
Tgt Ion:146 Resp: 243248

Ion Ratio Lower Upper

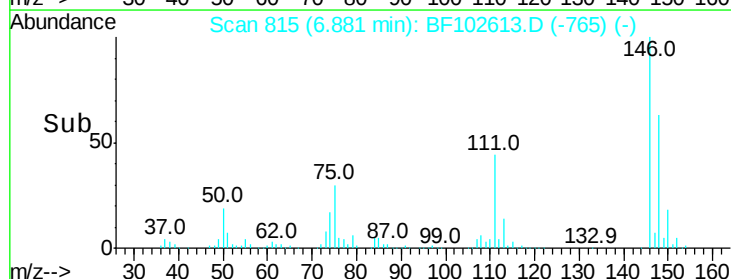
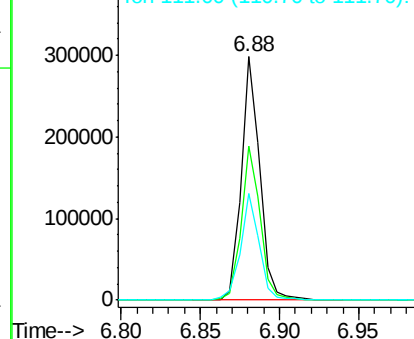
146 100

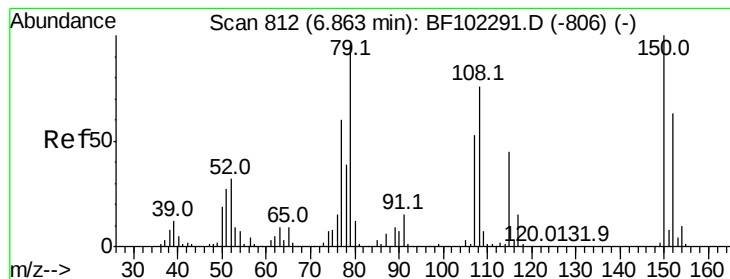
148 63.2 50.6 75.8

111 43.9 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 21.465 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

Instrument :
BNA_F
ClientSampleId :

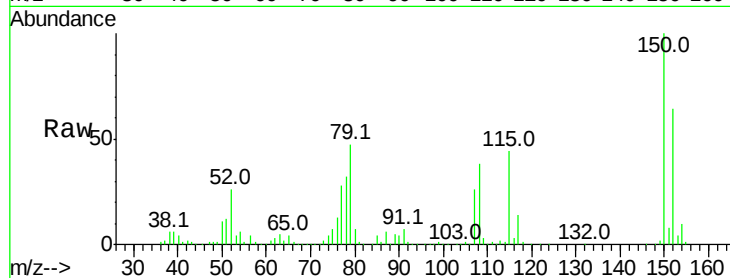
Tot Ion: 79 Resp: 186938

Ion Ratio Lower Upper

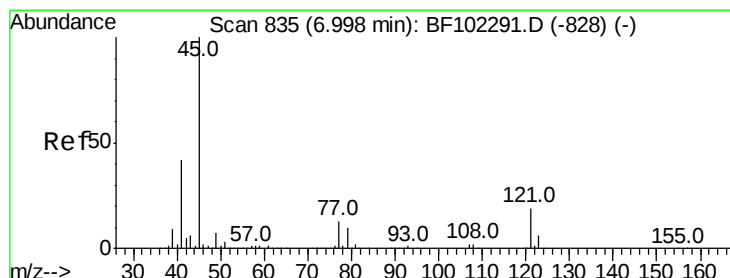
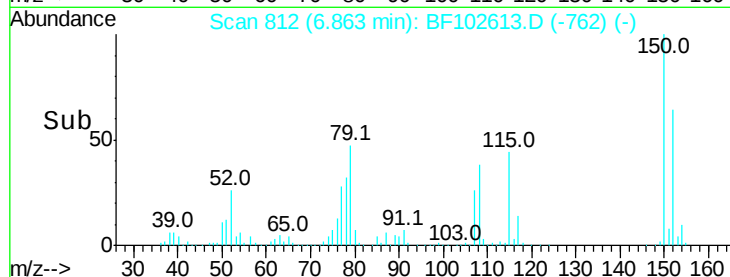
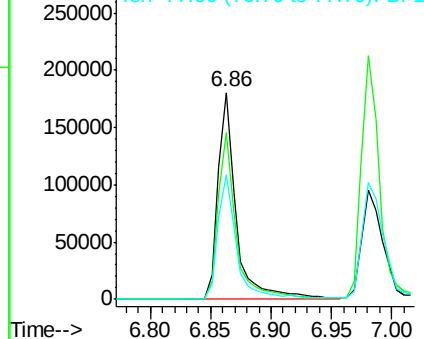
79 100

108 80.3 65.1 97.7

77 60.2 50.6 75.8



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 21.185 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

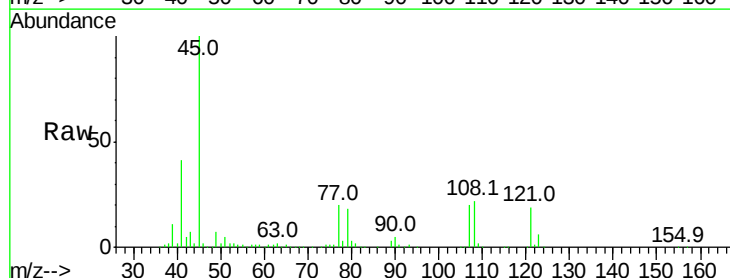
Tgt Ion: 45 Resp: 364157

Ion Ratio Lower Upper

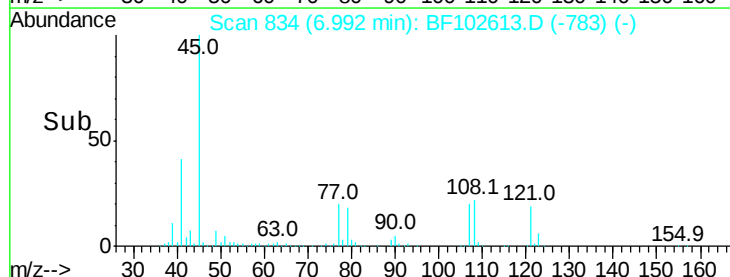
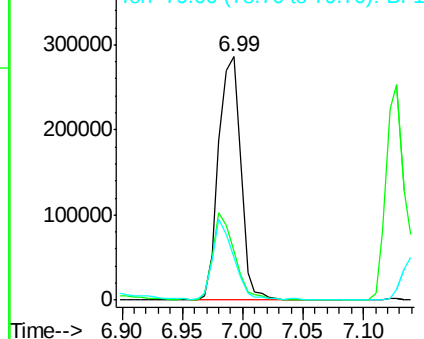
45 100

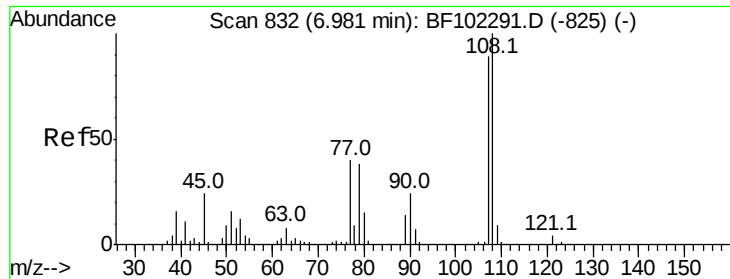
77 20.2 0.0 32.9

79 17.6 0.0 29.6



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

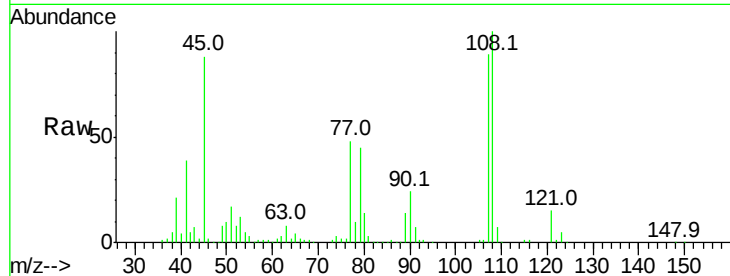




#17
2-Methylphenol
Concen: 20.739 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF102613.D
Acq: 29 Jan 2018 22:38

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.2	91.7	137.5
77	54.0	33.8	50.8
79	50.6	33.8	50.8



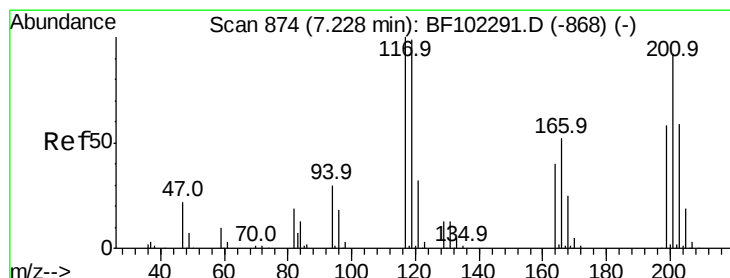
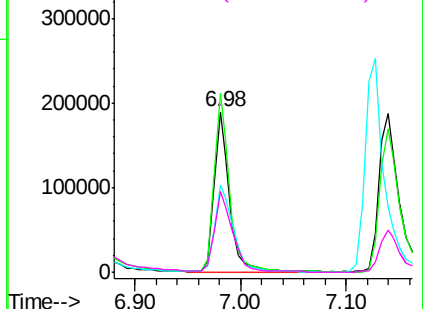
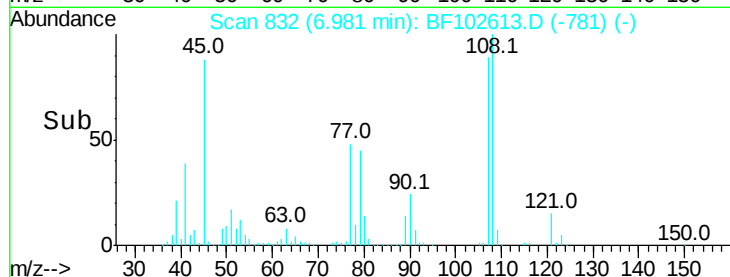
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

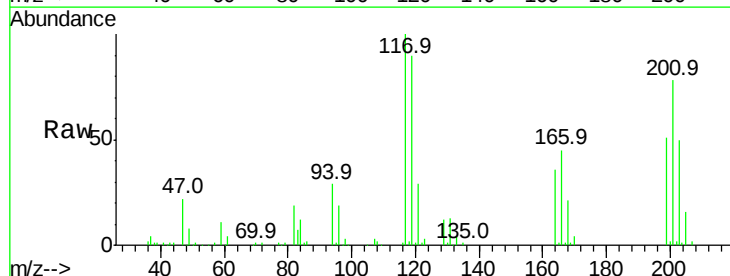
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 19.128 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF102613.D
Acq: 29 Jan 2018 22:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.9	75.8	113.8
201	78.5	75.7	113.5

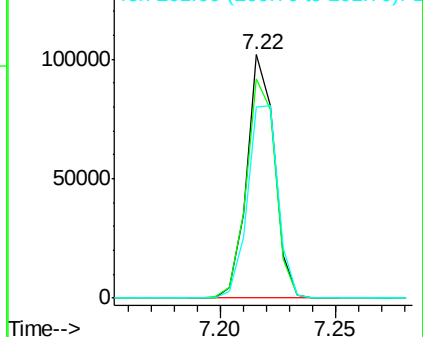
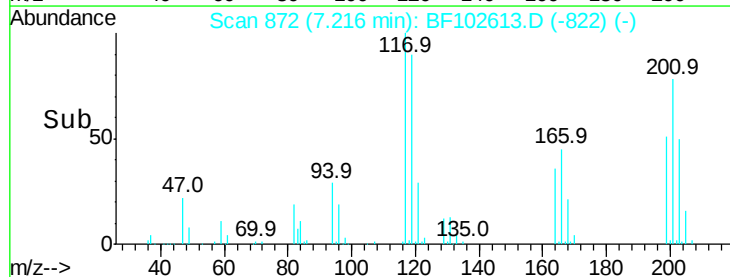


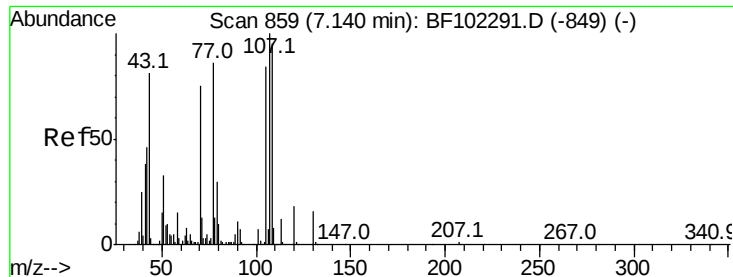
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

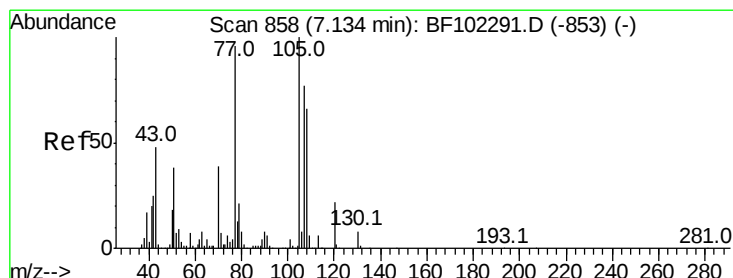
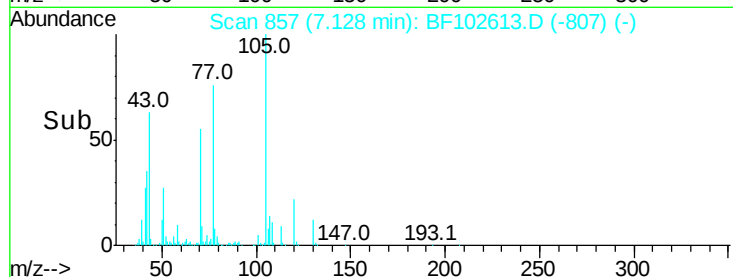
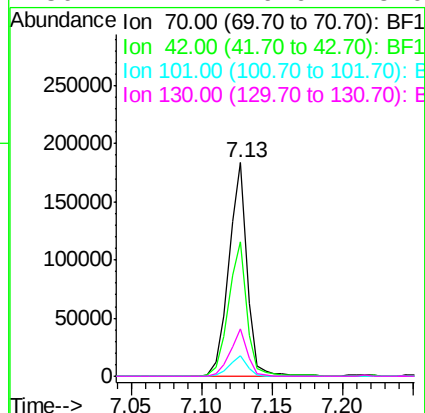
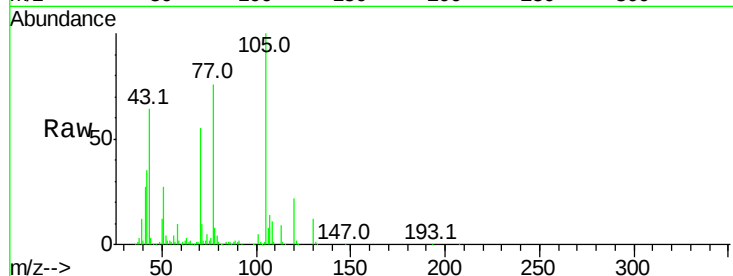




#19
n-Nitroso-di-n-propylamine
Concen: 21.832 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF102613.D
Acq: 29 Jan 2018 22:38

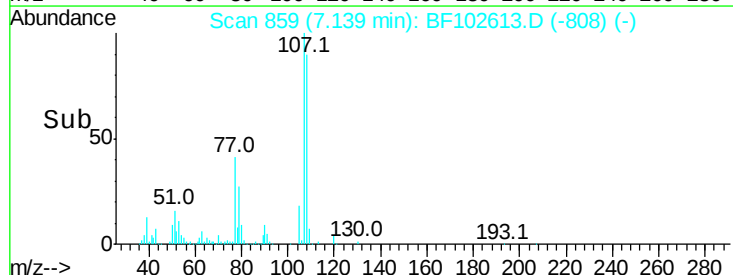
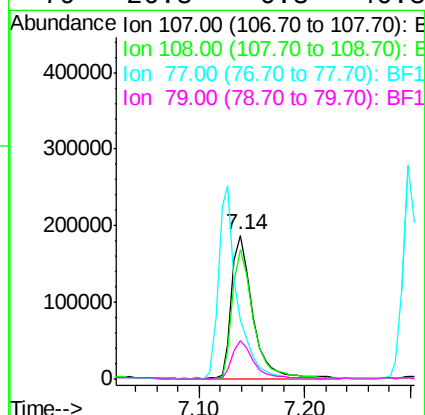
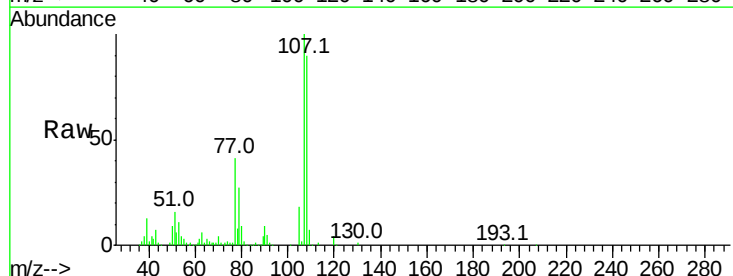
Instrument :
BNA_F
ClientSampleId :

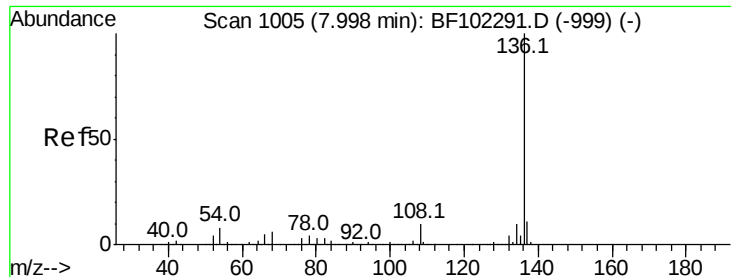
Tot Ion:	70	Resp:	164913
Ion	Ratio	Lower	Upper
70	100		
42	63.1	47.5	71.3
101	9.8	7.4	11.2
130	22.4	16.6	25.0



#20
3+4-Methylphenols
Concen: 23.462 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF102613.D
Acq: 29 Jan 2018 22:38

Tgt Ion:	107	Resp:	257206
Ion	Ratio	Lower	Upper
107	100		
108	89.9	68.2	108.2
77	41.0	26.7	66.7
79	26.8	6.3	46.3

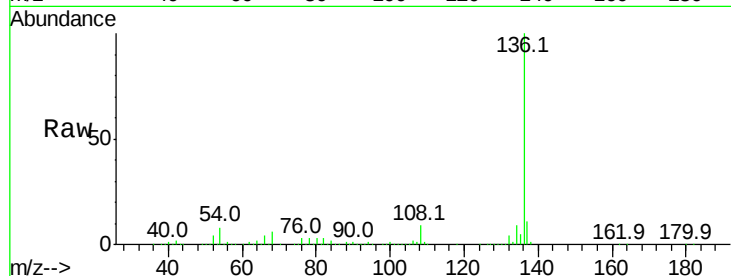




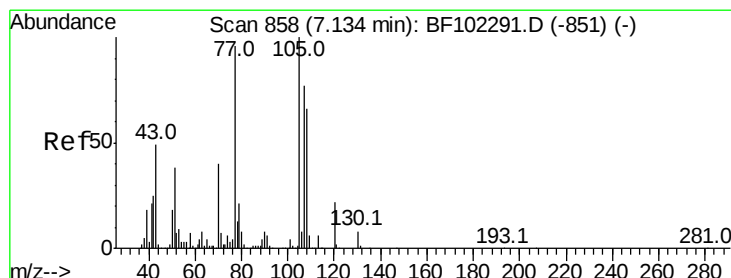
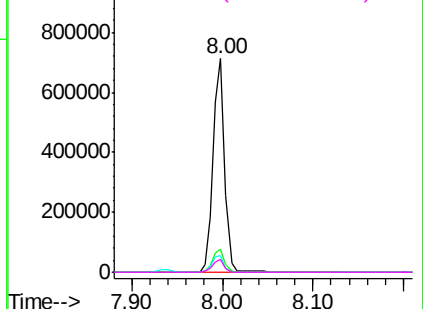
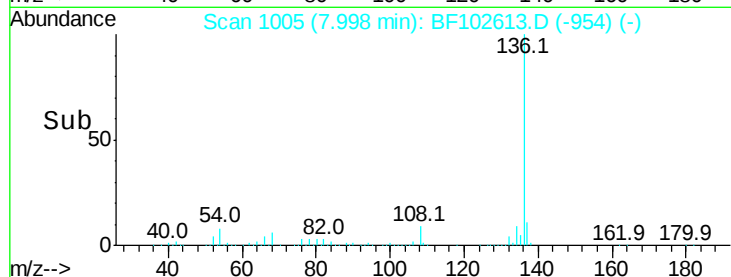
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102613.D
Acq: 29 Jan 2018 22:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 638111
Ion Ratio	Lower Upper
136 100	
137 10.7	8.9 13.3
54 8.0	6.6 9.8
68 5.8	5.0 7.4

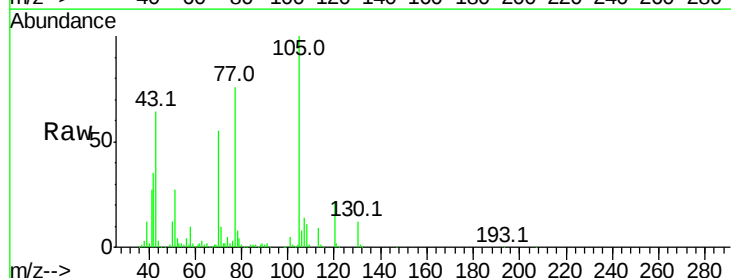


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

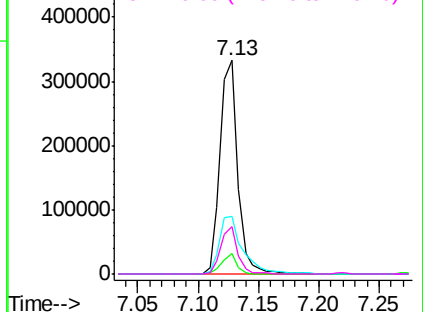
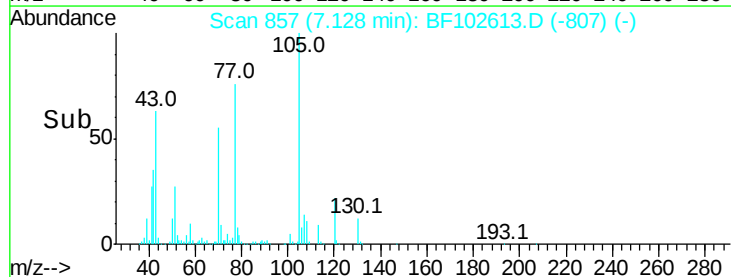


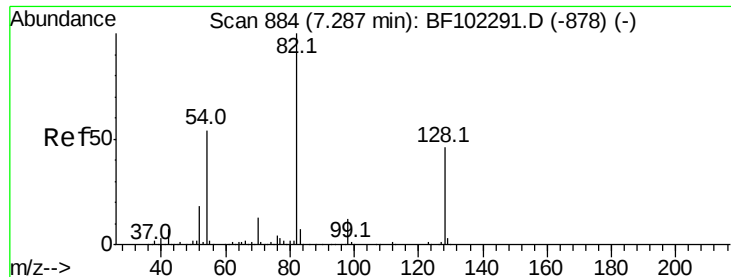
#22
Acetophenone
Concen: 22.195 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF102613.D
Acq: 29 Jan 2018 22:38

Tgt	Ion:105	Resp:	337616
Ion	Ratio	Lower	Upper
105	100		
71	9.5	4.4	6.6#
51	26.8	22.3	33.5
120	21.9	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

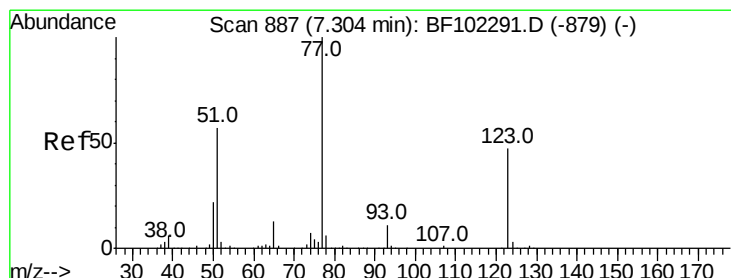
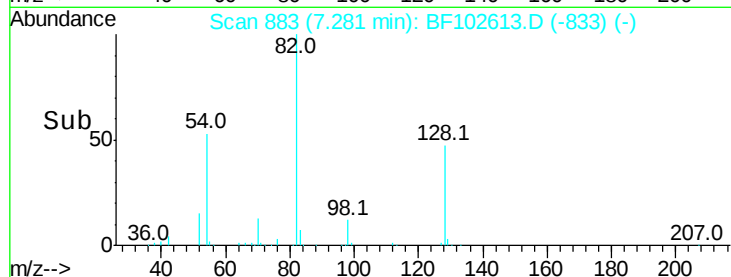
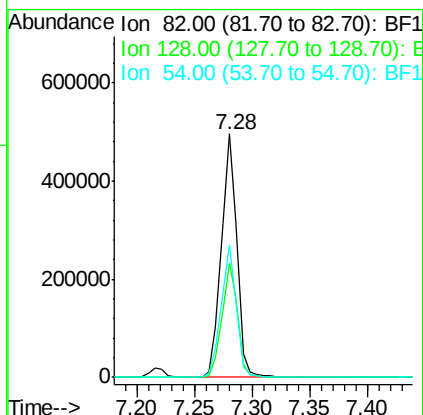
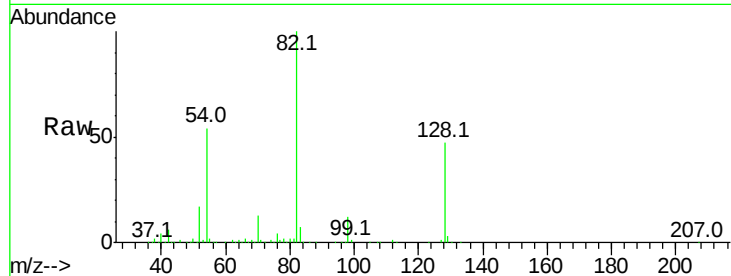




#23
Nitrobenzene-d5
Concen: 42.079 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102613.D
Acq: 29 Jan 2018 22:38

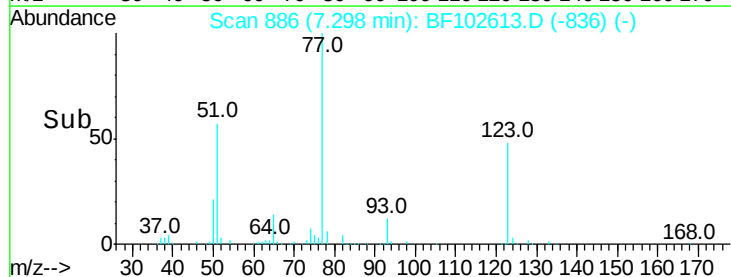
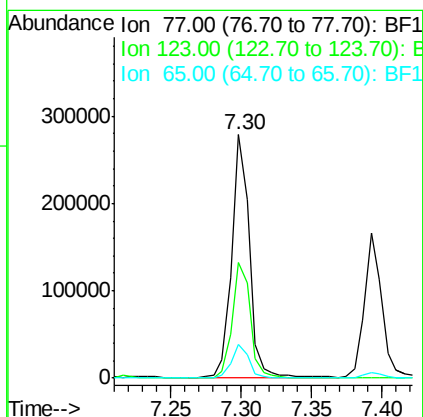
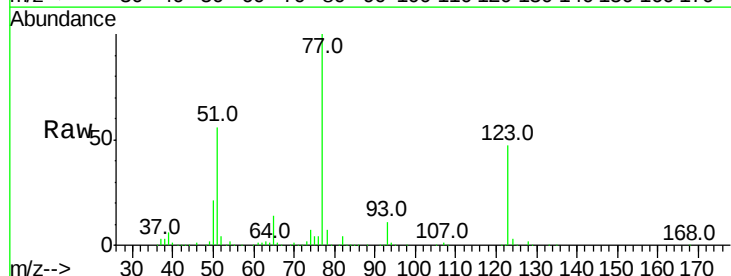
Instrument :
BNA_F
ClientSampleId :

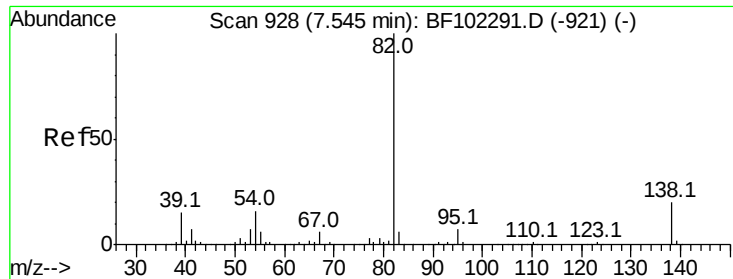
Tot Ion: 82 Resp: 467245
Ion Ratio Lower Upper
82 100
128 47.2 36.1 54.1
54 54.5 41.4 62.2



#24
Nitrobenzene
Concen: 21.230 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF102613.D
Acq: 29 Jan 2018 22:38

Tgt Ion: 77 Resp: 241252
Ion Ratio Lower Upper
77 100
123 47.3 37.9 56.9
65 13.6 11.0 16.4

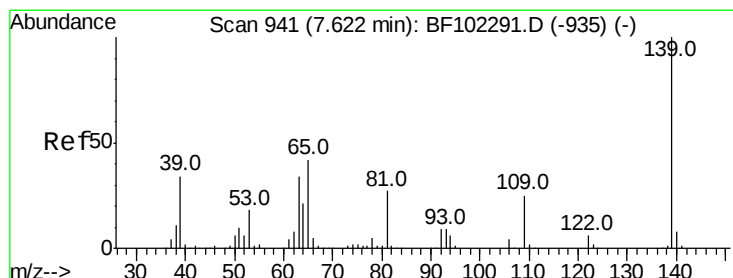
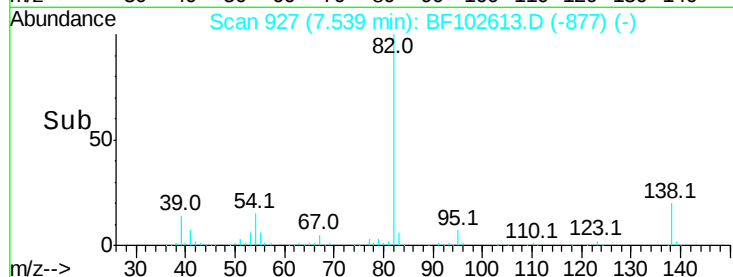
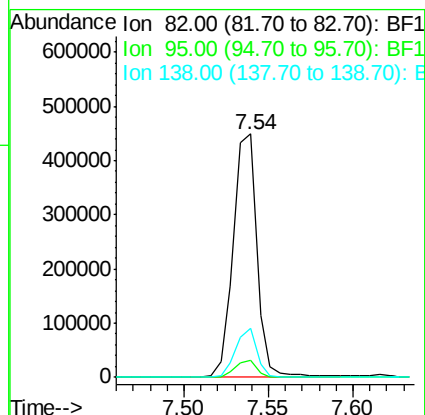
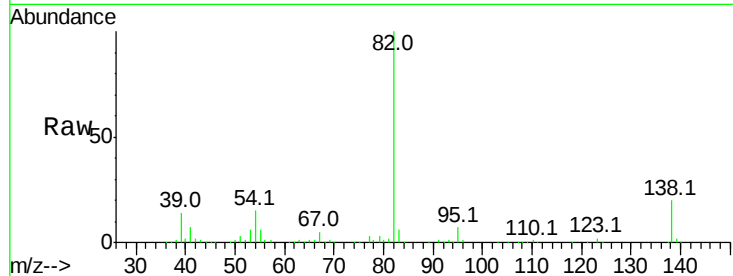




#25
Isophorone
Concen: 22.138 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF102613.D
Acq: 29 Jan 2018 22:38

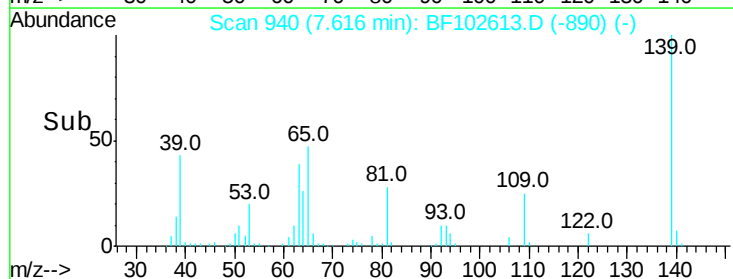
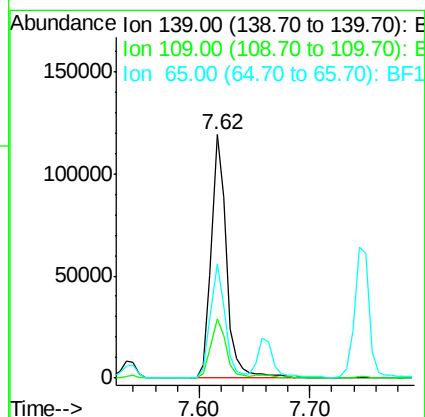
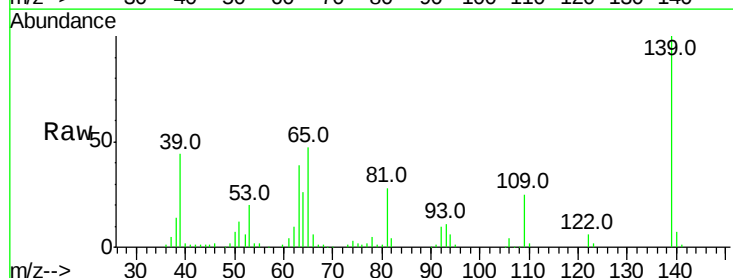
Instrument :
BNA_F
ClientSampleId :

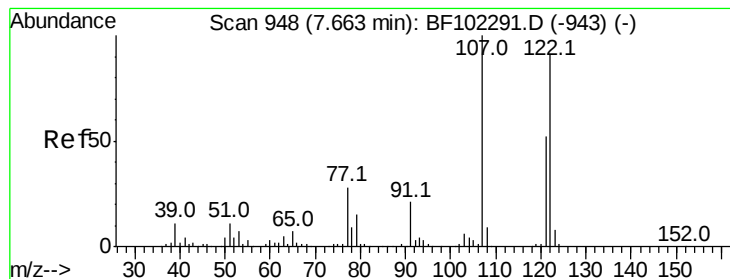
Tot Ion: 82 Resp: 438237
Ion Ratio Lower Upper
82 100
95 7.1 5.2 7.8
138 20.0 14.9 22.3



#26
2-Nitrophenol
Concen: 18.738 ng
RT: 7.62 min Scan# 940
Delta R.T. -0.01 min
Lab File: BF102613.D
Acq: 29 Jan 2018 22:38

Tgt Ion: 139 Resp: 112064
Ion Ratio Lower Upper
139 100
109 24.6 22.7 34.1
65 47.2 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 24.360 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

Instrument :
BNA_F
ClientSampleId :

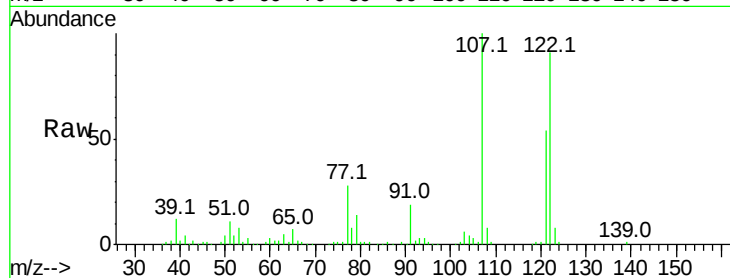
Tot Ion:122 Resp: 211554

Ion Ratio Lower Upper

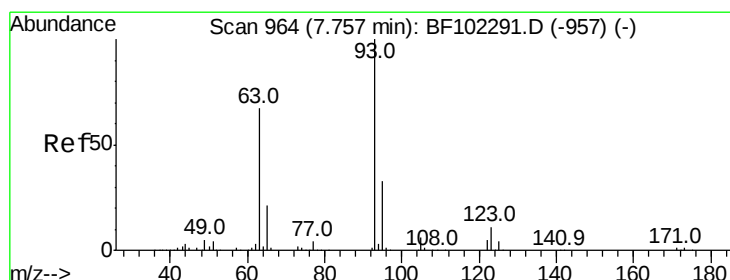
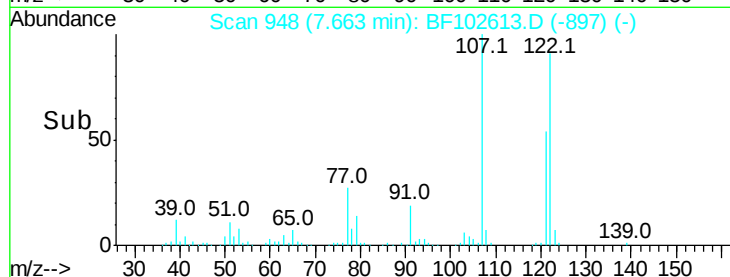
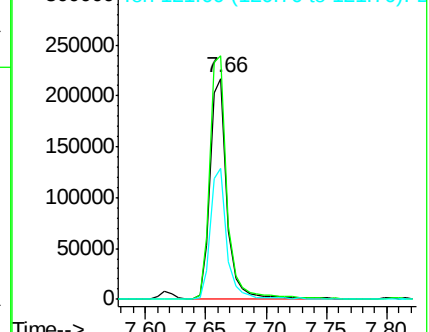
122 100

107 110.1 91.2 136.8

121 59.2 47.2 70.8



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



#28

bis(2-Chloroethoxy)methane

Concen: 23.474 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

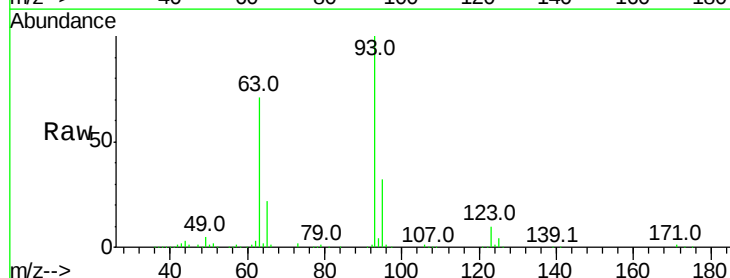
Tgt Ion: 93 Resp: 287057

Ion Ratio Lower Upper

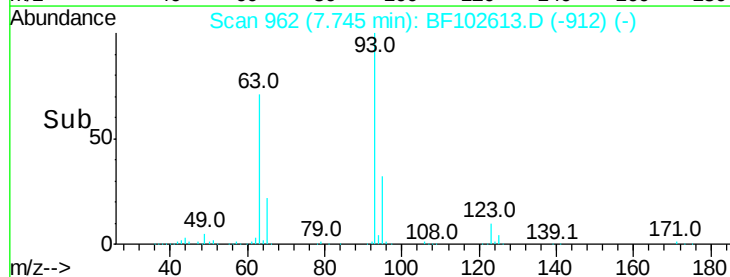
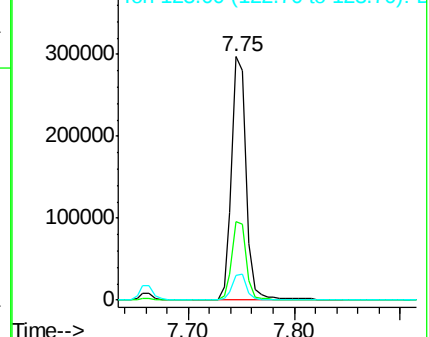
93 100

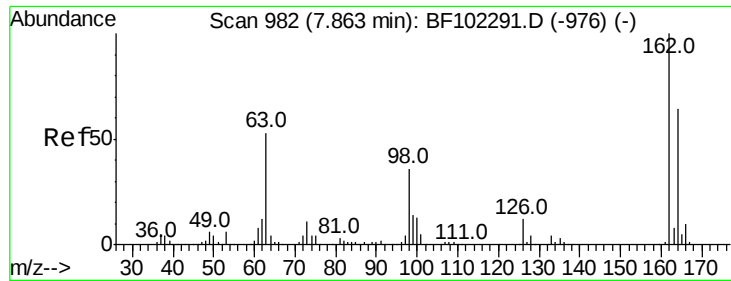
95 32.4 26.3 39.5

123 10.1 9.8 14.6



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

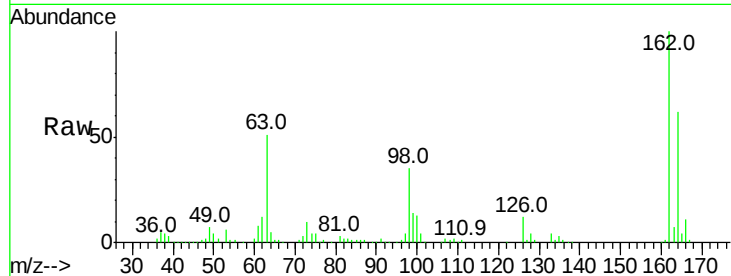




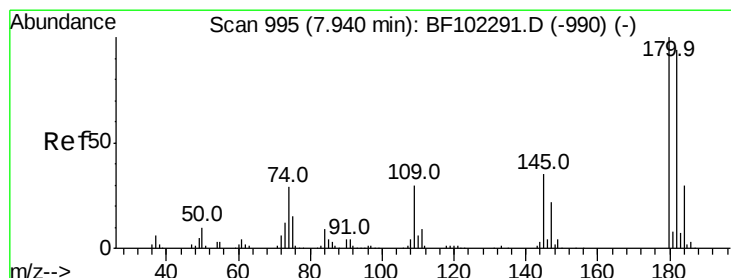
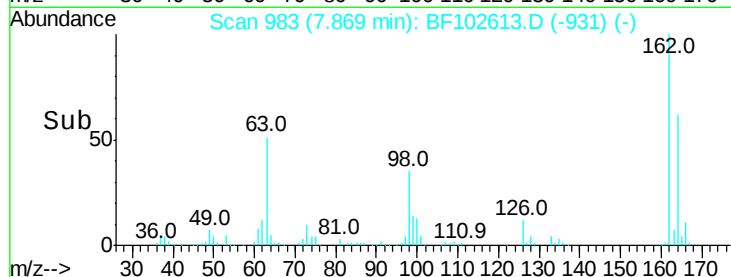
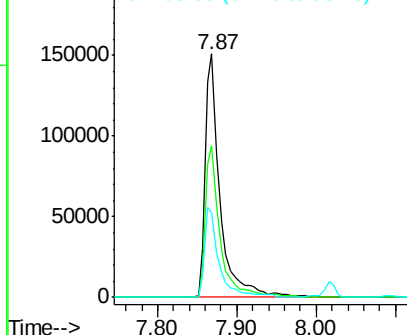
#29
2,4-Dichlorophenol
Concen: 22.377 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.01 min
Lab File: BF102613.D
Acq: 29 Jan 2018 22:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 197949
Ion Ratio Lower Upper
162 100
164 62.2 42.7 82.7
98 35.0 18.1 58.1

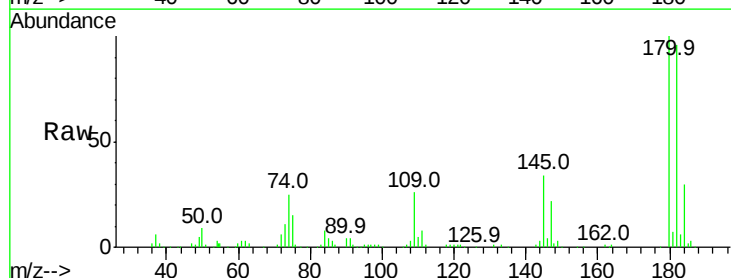


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

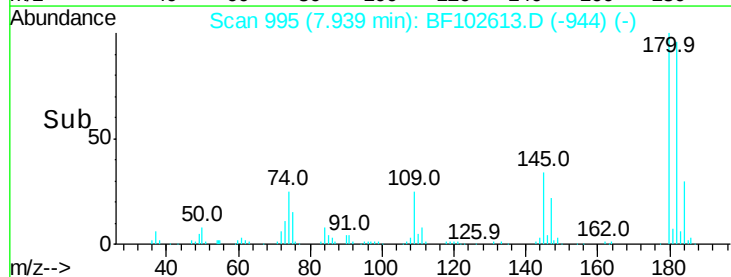
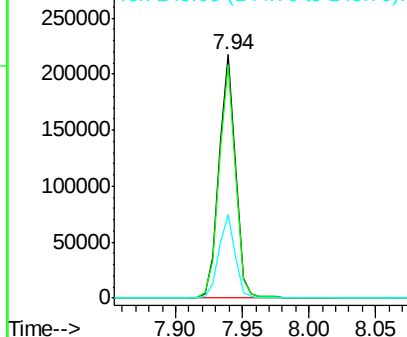


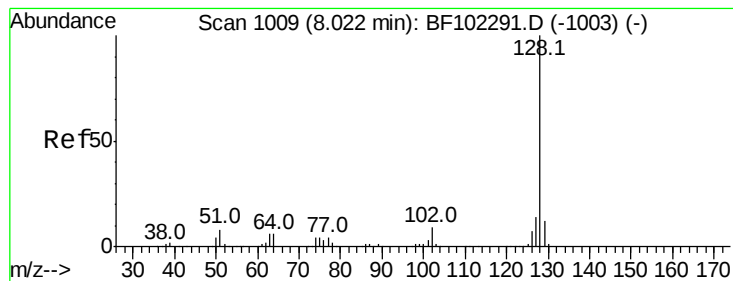
#30
1,2,4-Trichlorobenzene
Concen: 20.161 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF102613.D
Acq: 29 Jan 2018 22:38

Tgt Ion:180 Resp: 191176
Ion Ratio Lower Upper
180 100
182 96.1 76.8 115.2
145 34.4 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: 21.592 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

Instrument :

BNA_F

ClientSampleId :

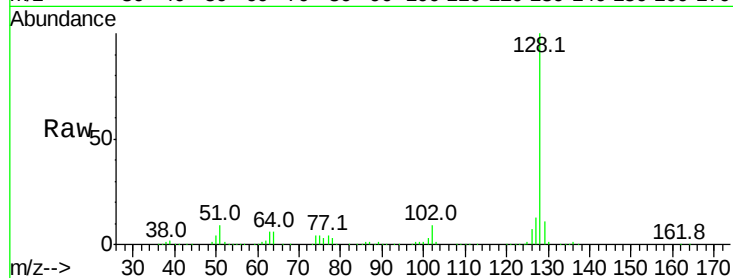
Tot Ion:128 Resp: 687925

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

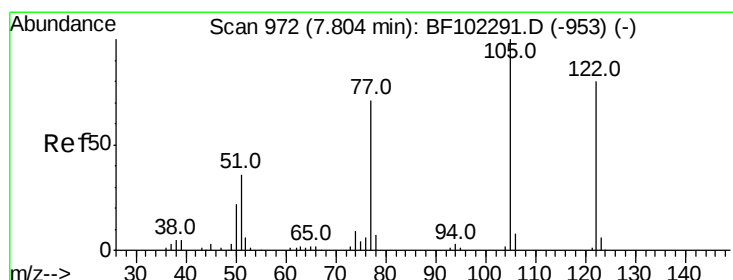
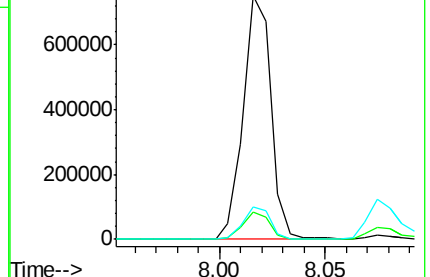
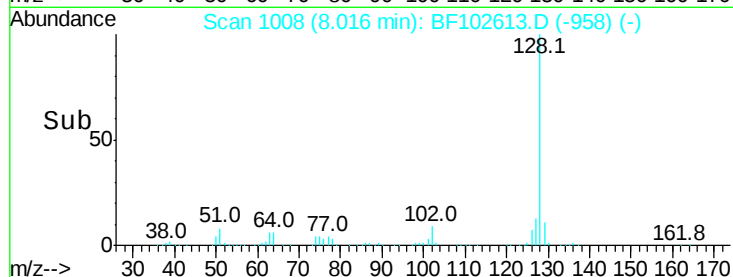
127 13.2 10.9 16.3



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: 29.076 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.15 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

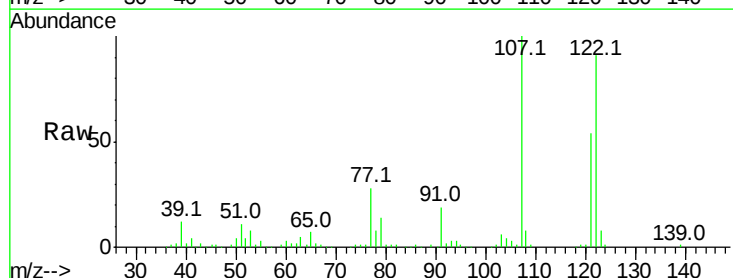
Tgt Ion:122 Resp: 211554

Ion Ratio Lower Upper

122 100

105 3.7 101.1 141.1#

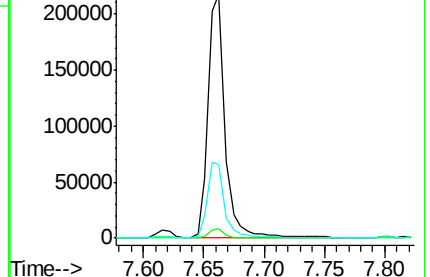
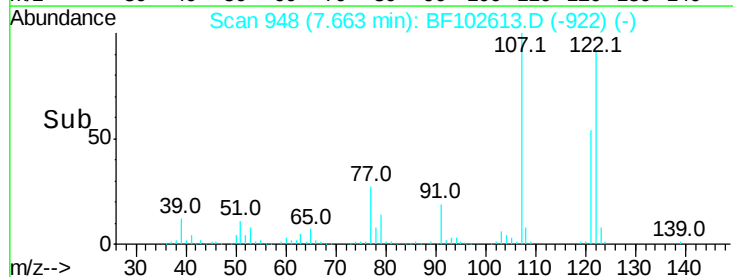
77 30.3 70.7 110.7#

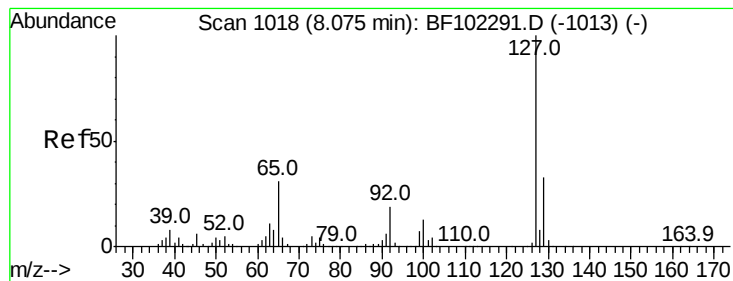


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

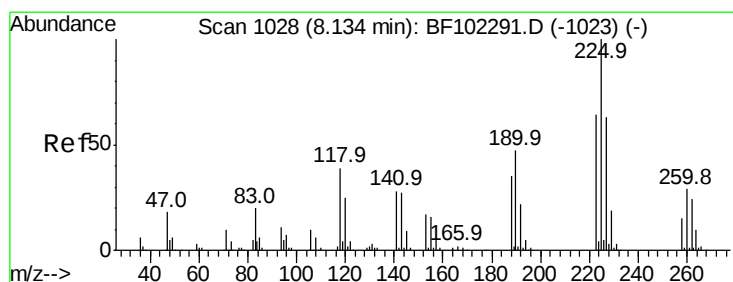
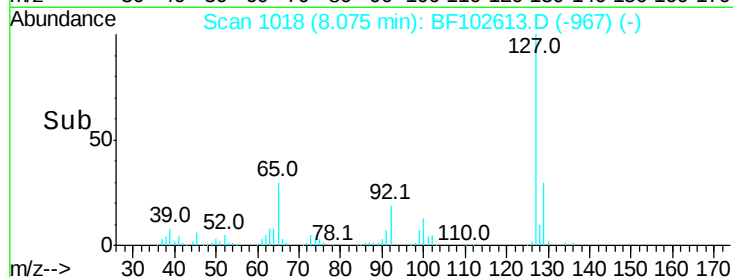
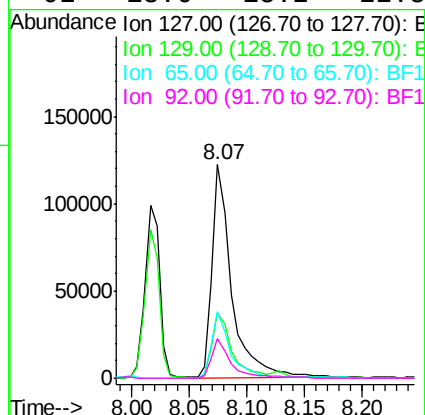
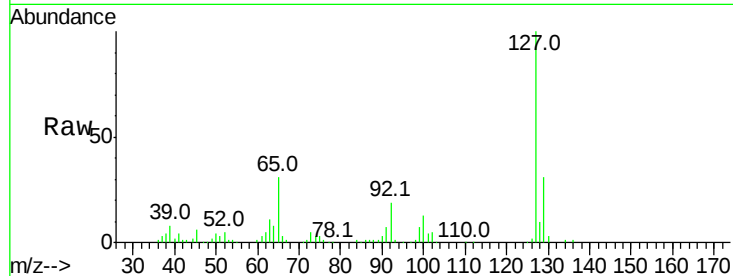




#33
 4-Chloroaniline
 Concen: 10.839 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: BF102613.D
 Acq: 29 Jan 2018 22:38

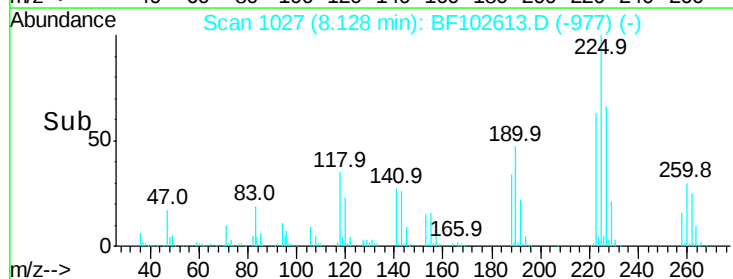
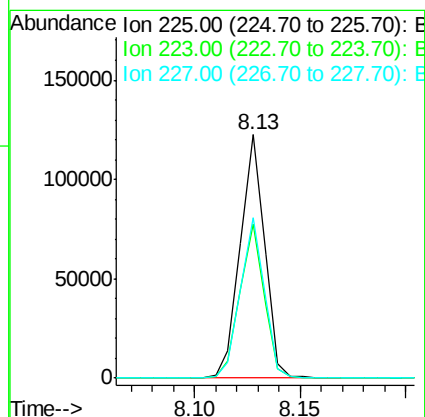
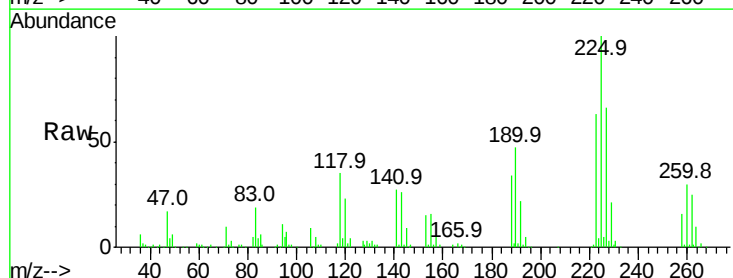
Instrument :
 BNA_F
 ClientSampleId :

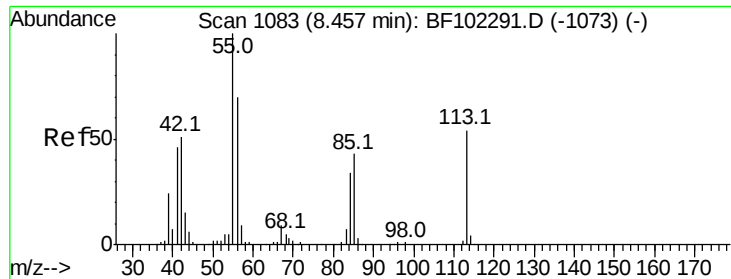
Tot Ion:	127	Resp:	145209
Ion	Ratio	Lower	Upper
127	100		
129	30.5	25.9	38.9
65	30.9	25.0	37.4
92	18.6	15.2	22.8



#34
 Hexachlorobutadiene
 Concen: 19.260 ng
 RT: 8.13 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BF102613.D
 Acq: 29 Jan 2018 22:38

Tgt Ion:	225	Resp:	97544
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.6	76.0
227	65.9	51.9	77.9





#35

Caprolactam

Concen: 19.683 ng

RT: 8.43 min Scan# 1078

Delta R.T. -0.03 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

Instrument :

BNA_F

ClientSampled :

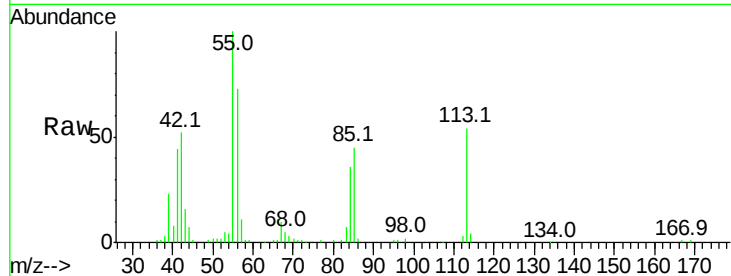
Tot Ion:113 Resp: 57505

Ion Ratio Lower Upper

113 100

55 184.9 163.3 203.3

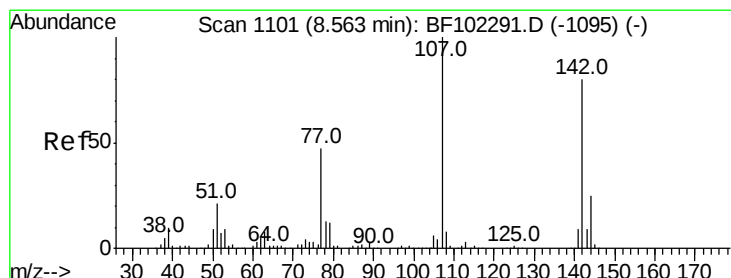
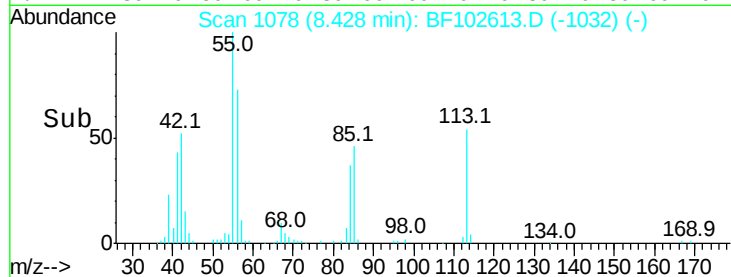
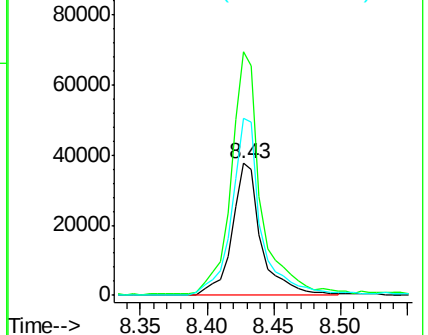
56 134.9 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 21.681 ng

RT: 8.57 min Scan# 1102

Delta R.T. -0.00 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

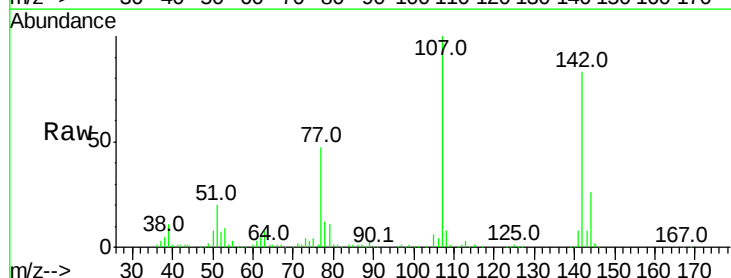
Tgt Ion:107 Resp: 202160

Ion Ratio Lower Upper

107 100

144 26.4 20.5 30.7

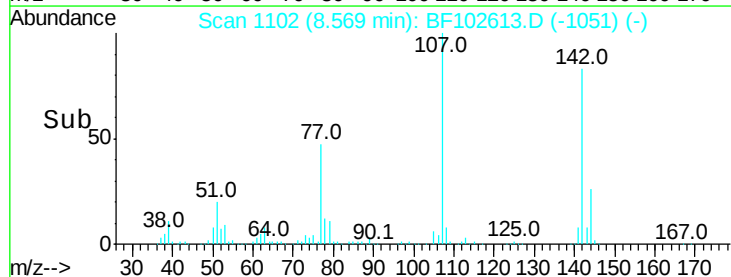
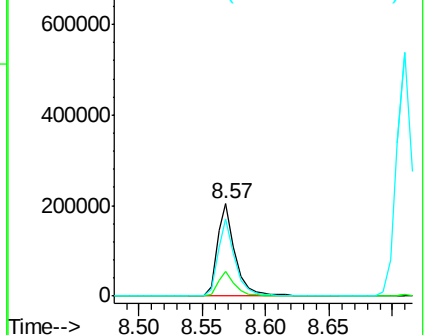
142 83.3 62.0 93.0

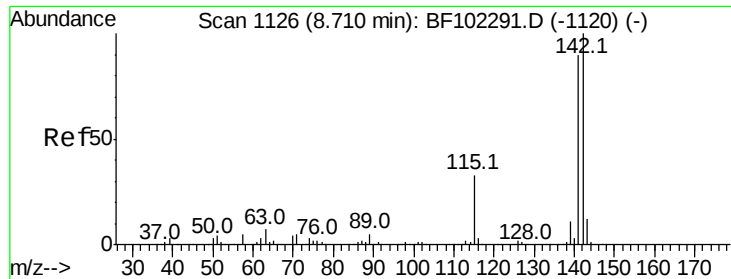


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

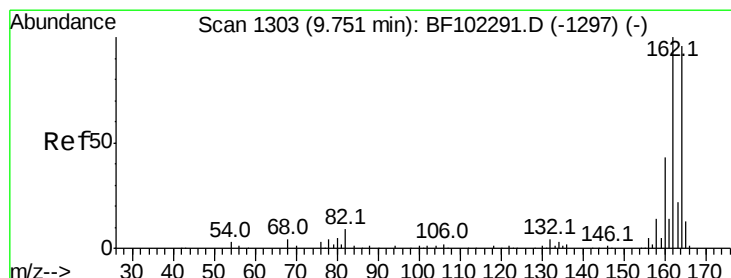
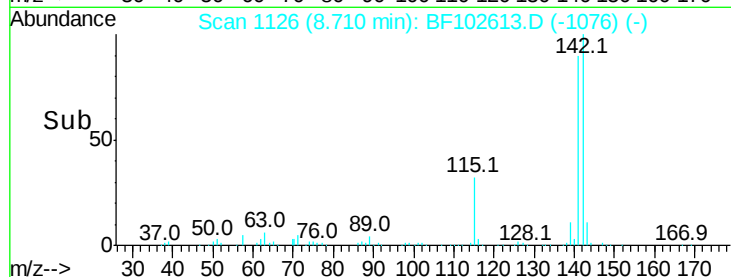
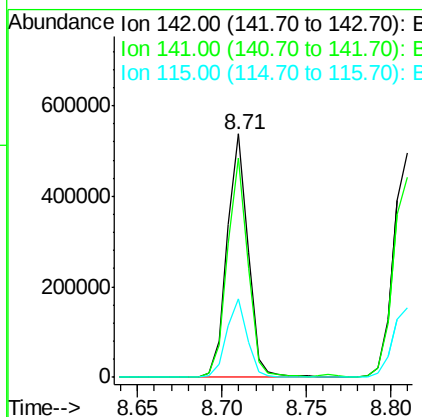
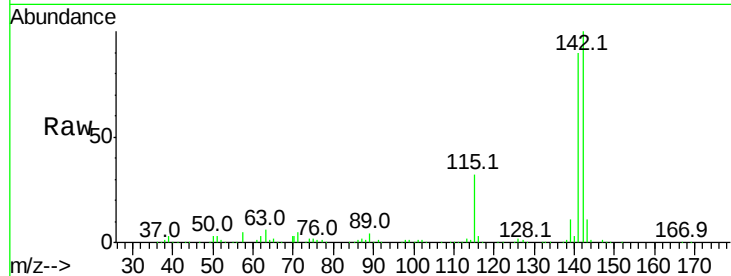




#37
2-Methylnaphthalene
Concen: 21.847 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF102613.D
Acq: 29 Jan 2018 22:38

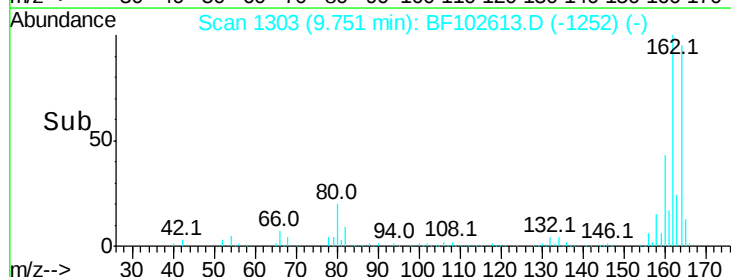
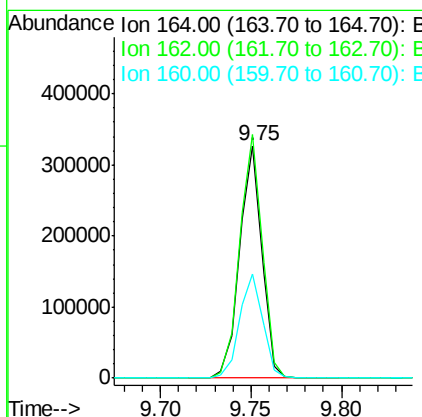
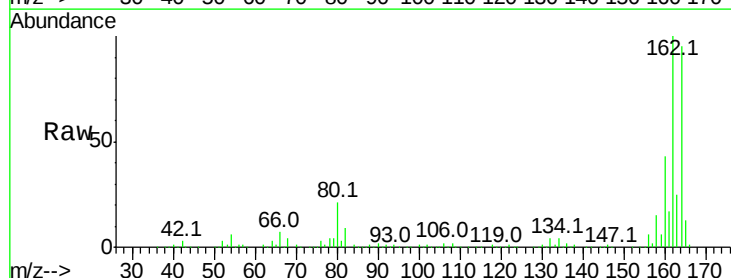
Instrument :
BNA_F
ClientSampleId :

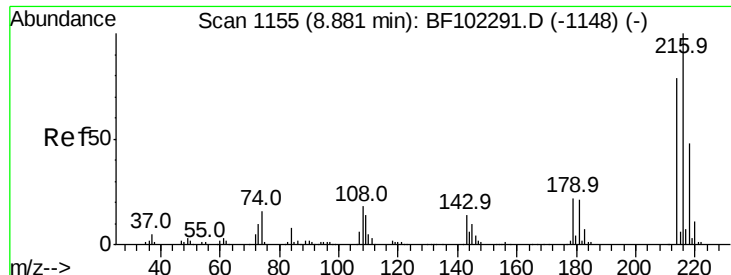
Tot Ion:142 Resp: 463541
Ion Ratio Lower Upper
142 100
141 90.2 70.8 106.2
115 32.1 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF102613.D
Acq: 29 Jan 2018 22:38

Tgt Ion:164 Resp: 278385
Ion Ratio Lower Upper
164 100
162 104.7 86.1 129.1
160 44.9 38.3 57.5

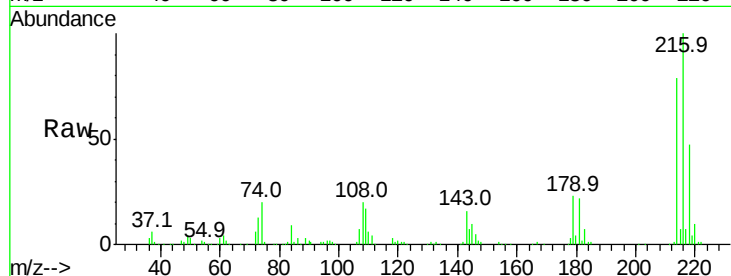




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 21.043 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF102613.D
 Acq: 29 Jan 2018 22:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.0	94.4
179	23.1	18.1	27.1
108	19.5	17.2	25.8



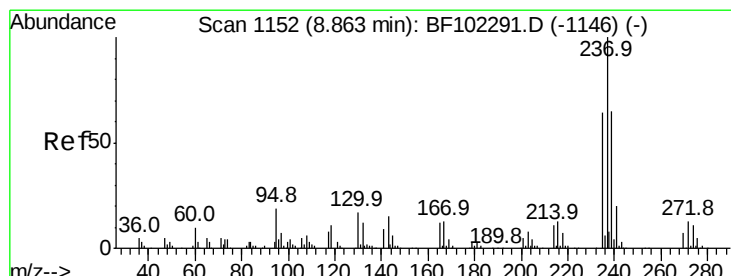
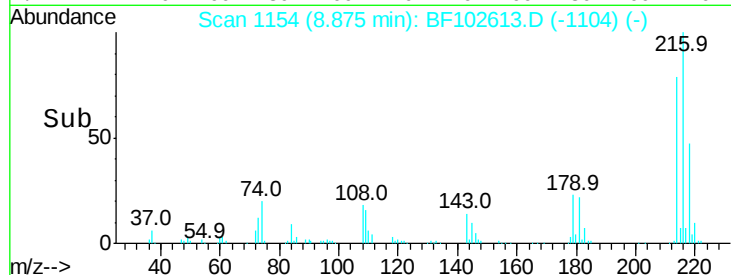
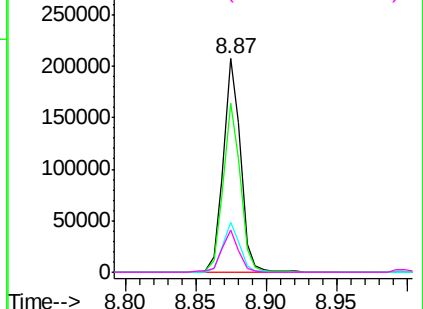
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

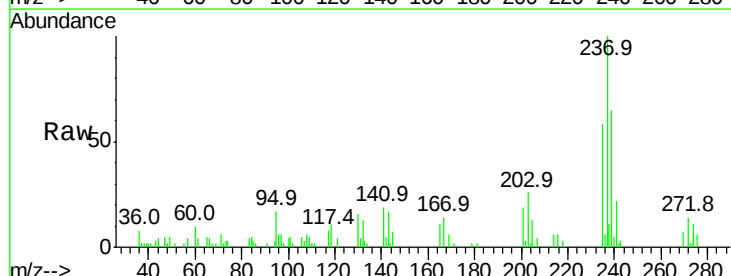
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 4.263 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. -0.00 min
 Lab File: BF102613.D
 Acq: 29 Jan 2018 22:38

Tgt Ion	Ratio	Lower	Upper
237	100		
235	57.7	44.8	84.8
272	14.0	0.0	33.3

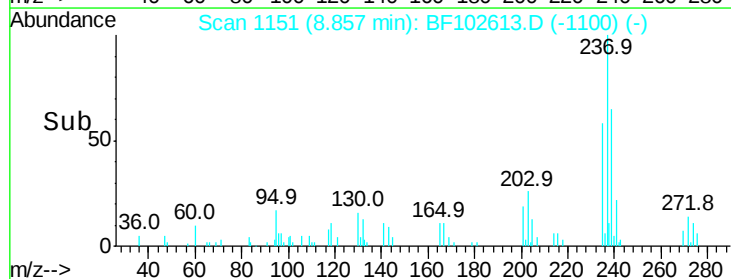
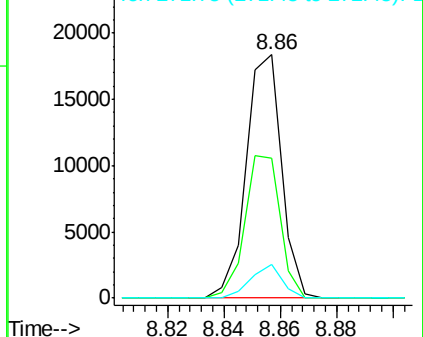


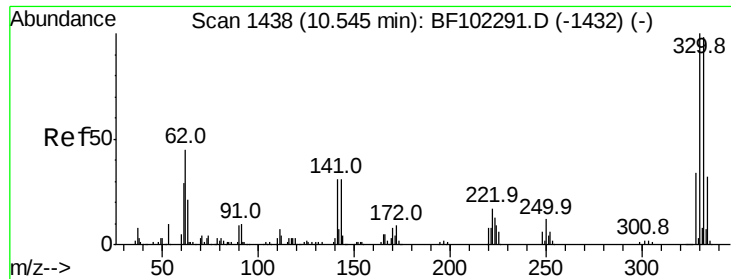
Abundance

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

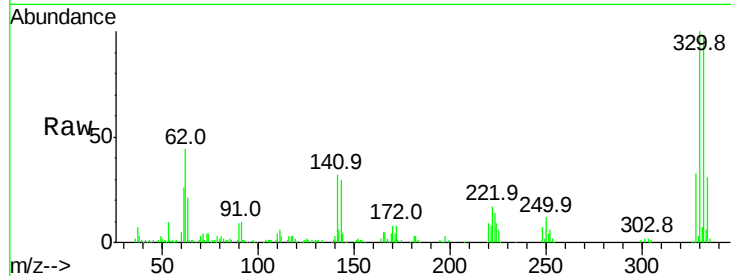




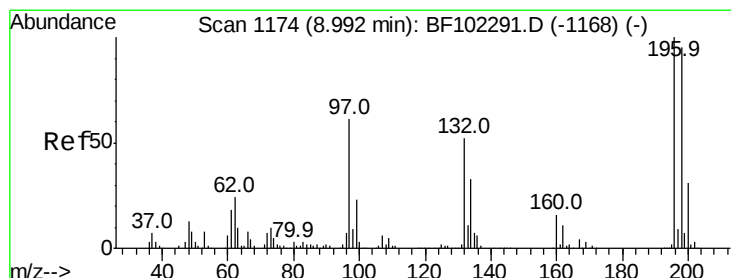
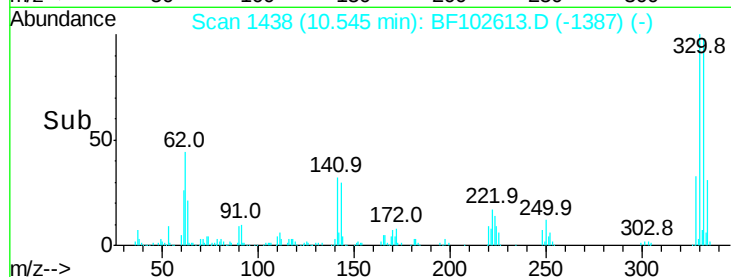
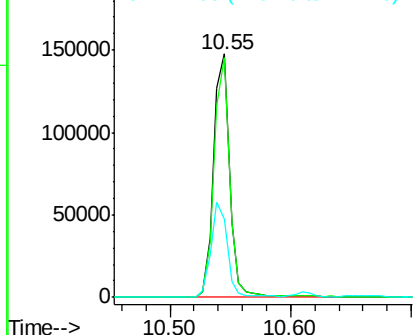
#41
 2,4,6-Tribromophenol
 Concen: 49.331 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102613.D
 Acq: 29 Jan 2018 22:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	40.3	29.9	44.9

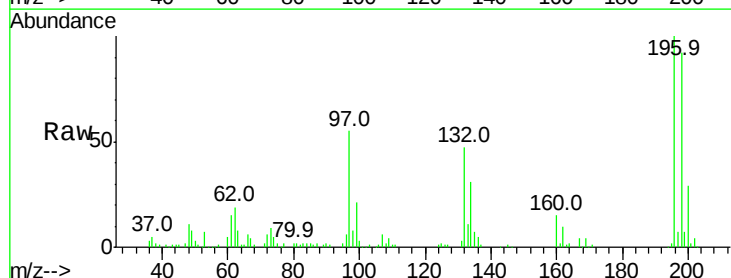


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

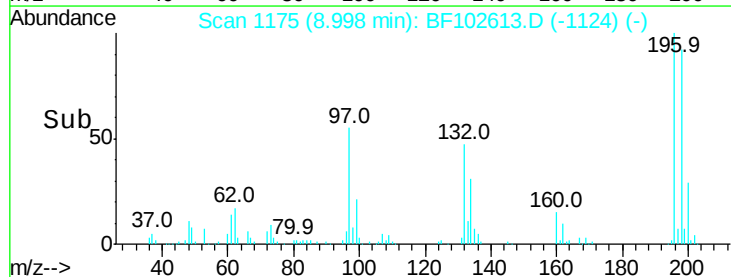
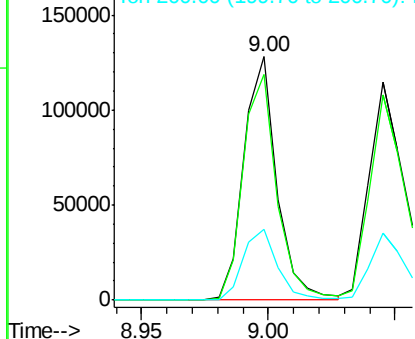


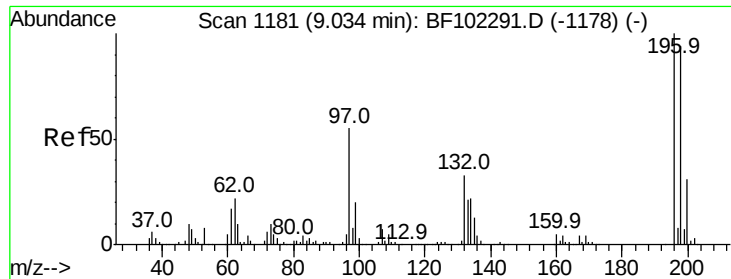
#42
 2,4,6-Trichlorophenol
 Concen: 20.733 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BF102613.D
 Acq: 29 Jan 2018 22:38

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.5	75.7	113.5
200	28.9	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

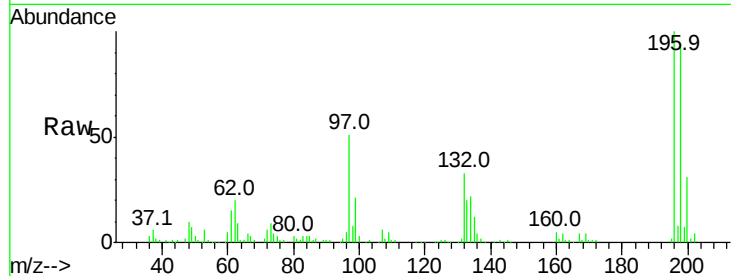




#43
 2,4,5-Trichlorophenol
 Concen: 18.835 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF102613.D
 Acq: 29 Jan 2018 22:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Resp	Lower	Upper
196	100	118902		
198	93.9		74.6	112.0
97	50.7		42.9	64.3
132	33.2		26.3	39.5



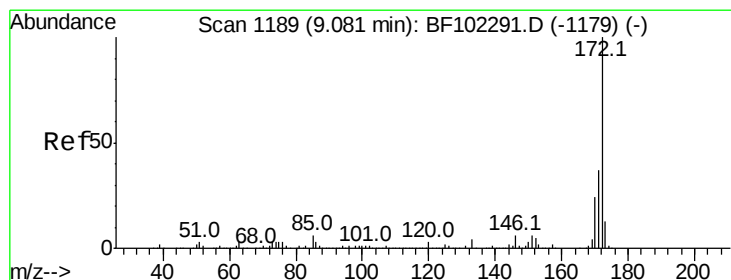
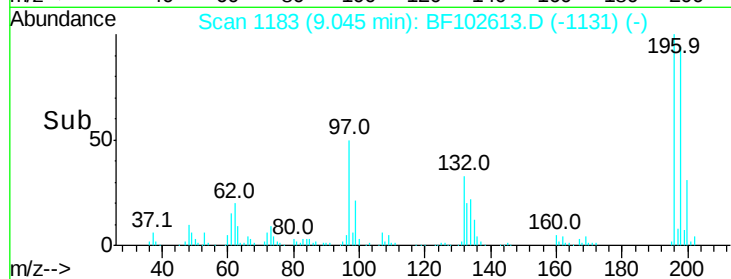
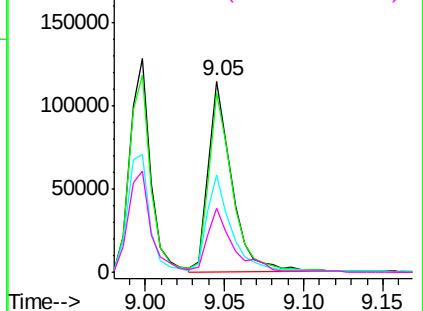
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

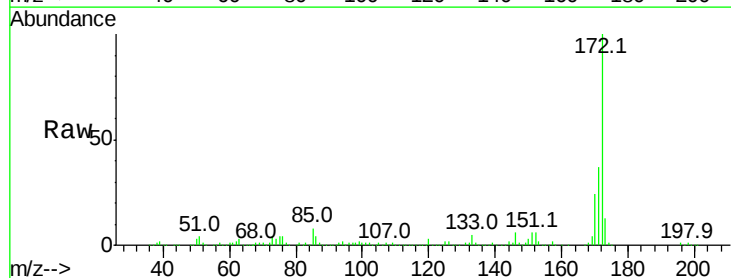
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 42.038 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF102613.D
 Acq: 29 Jan 2018 22:38

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	795908		
171	36.5		29.7	44.5
170	23.9		19.6	29.4

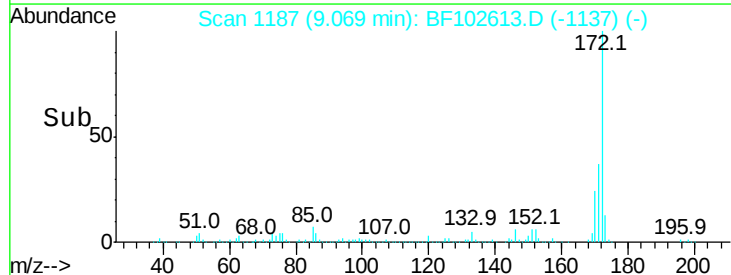
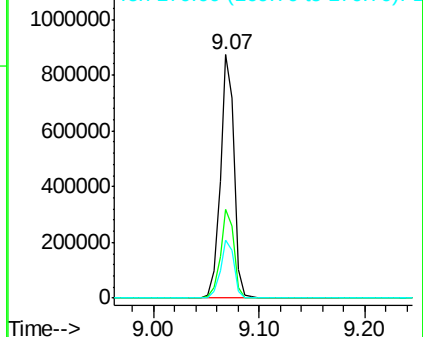


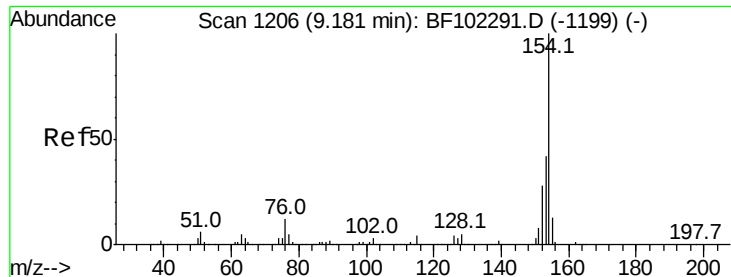
Abundance

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: 21.069 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

Instrument :

BNA_F

ClientSampleId :

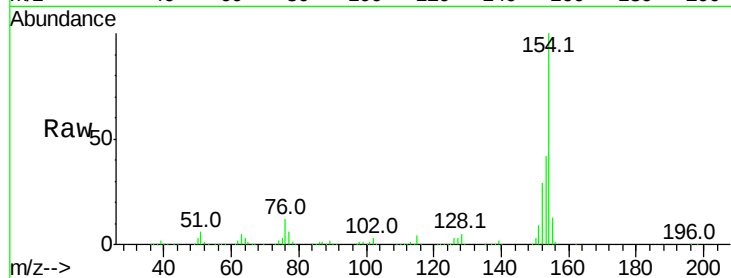
Tot Ion:154 Resp: 524457

Ion Ratio Lower Upper

154 100

153 41.6 21.3 61.3

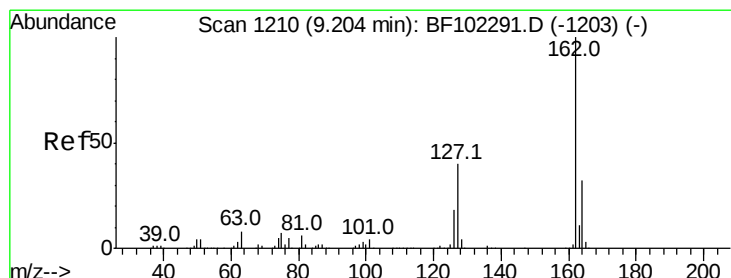
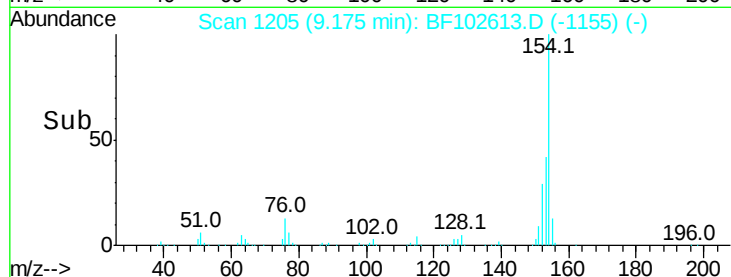
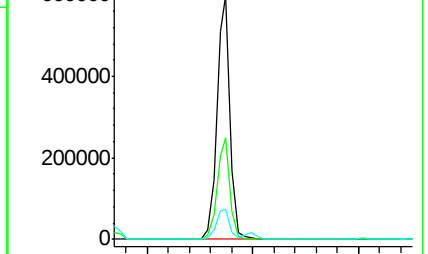
76 12.5 0.0 34.0



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: 20.822 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

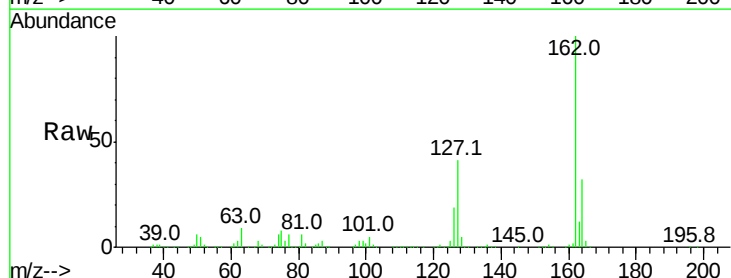
Tgt Ion:162 Resp: 402871

Ion Ratio Lower Upper

162 100

127 41.2 33.9 50.9

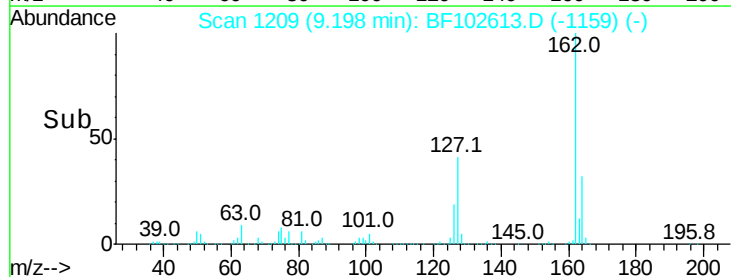
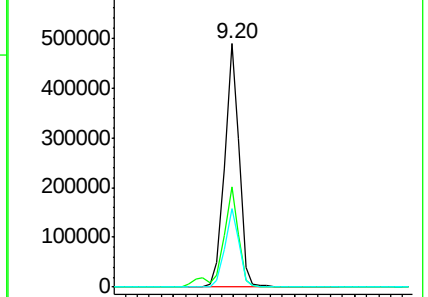
164 32.4 26.5 39.7

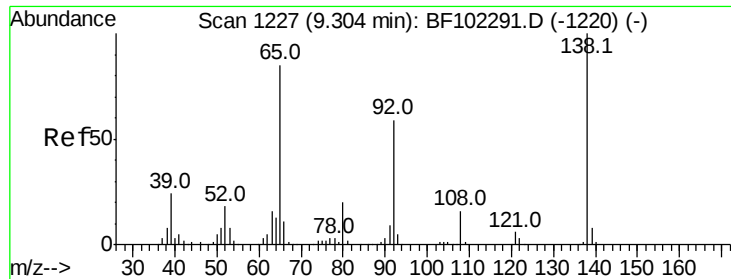


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

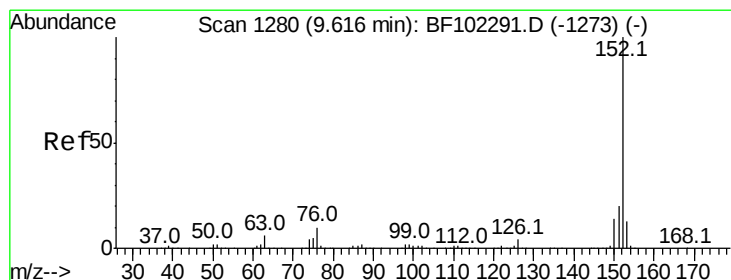
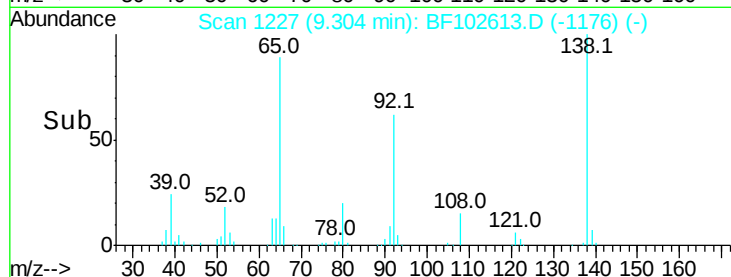
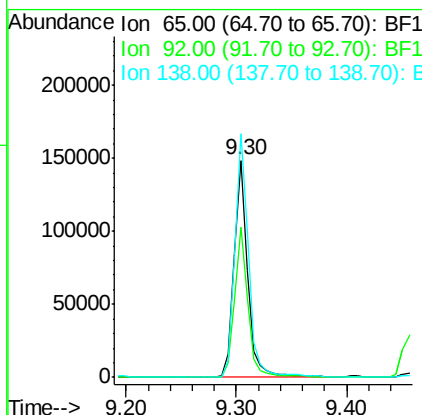
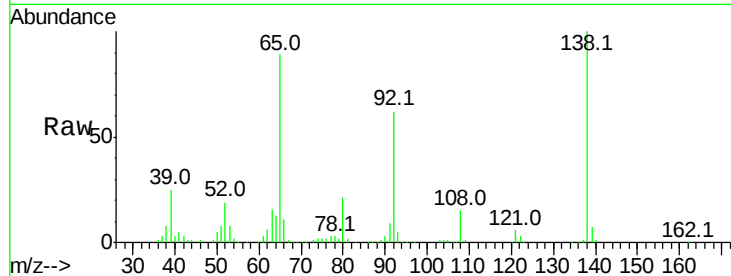




#47
 2-Nitroaniline
 Concen: 21.631 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: BF102613.D
 Acq: 29 Jan 2018 22:38

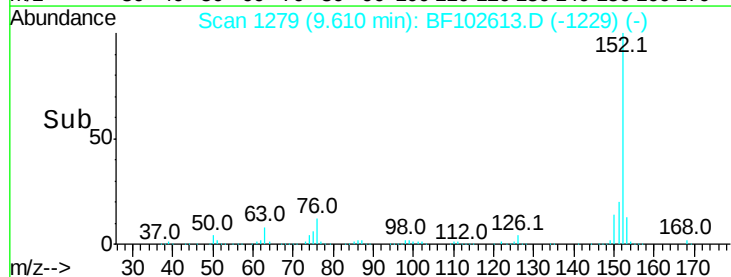
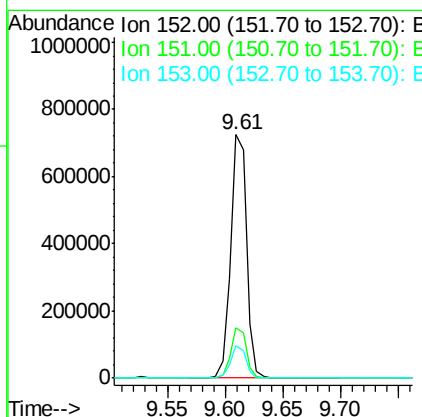
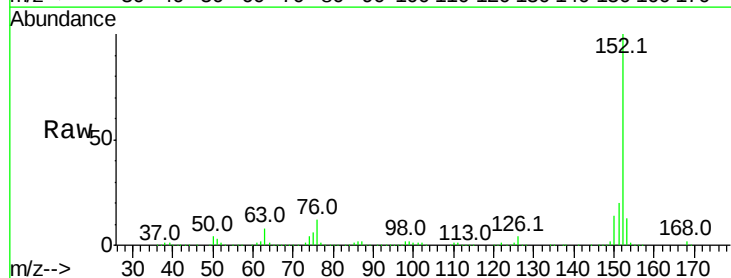
Instrument :
 BNA_F
 ClientSampled :

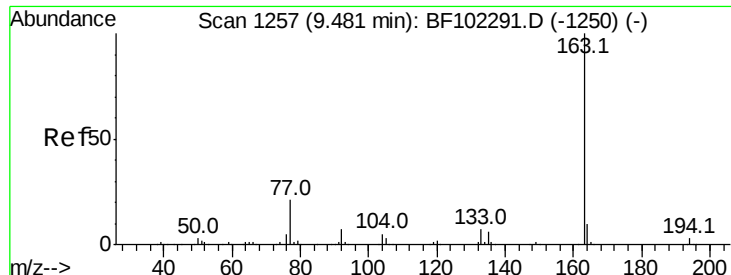
Tot Ion: 65 Resp: 130482
 Ion Ratio Lower Upper
 65 100
 92 69.0 55.8 83.6
 138 112.1 91.2 136.8



#48
 Acenaphthylene
 Concen: 22.888 ng
 RT: 9.61 min Scan# 1279
 Delta R.T. -0.01 min
 Lab File: BF102613.D
 Acq: 29 Jan 2018 22:38

Tgt Ion:152 Resp: 689914
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.3 24.5
 153 13.1 10.7 16.1

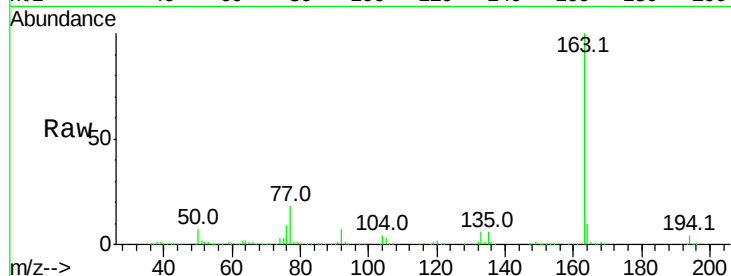




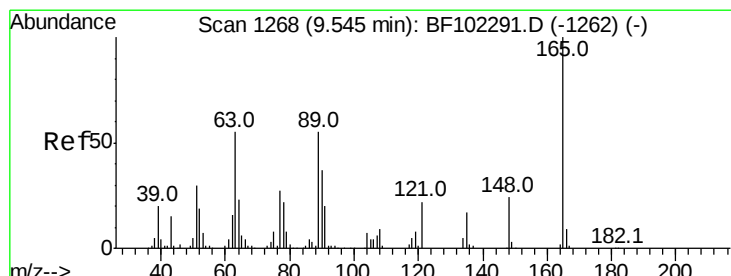
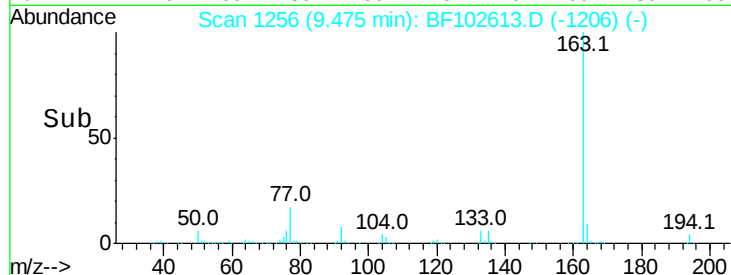
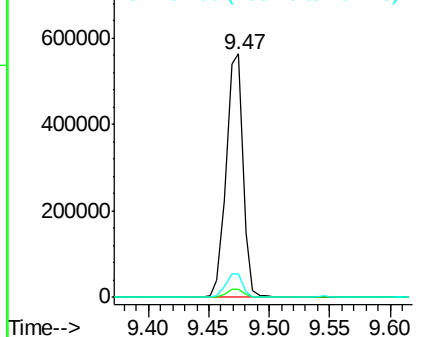
#49
Dimethylphthalate
Concen: 23.741 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF102613.D
Acq: 29 Jan 2018 22:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 546292
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.6 8.2 12.2

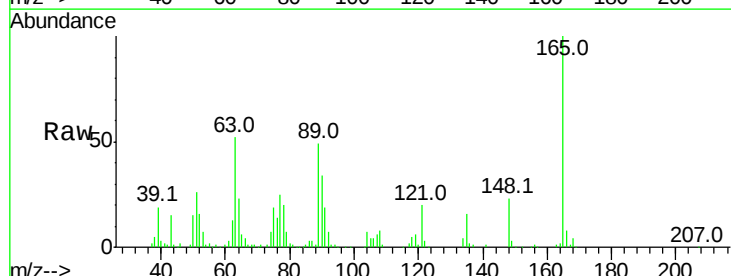


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

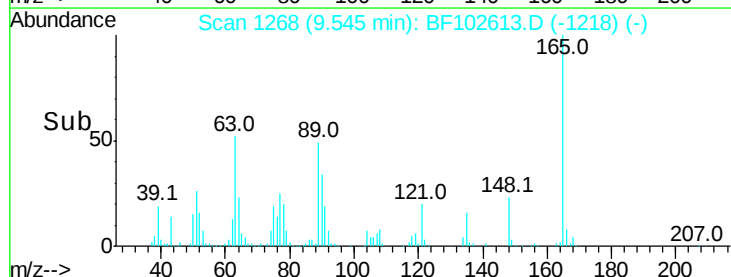
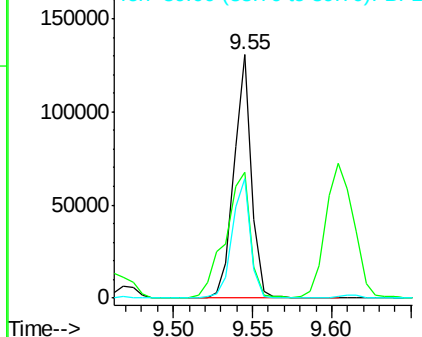


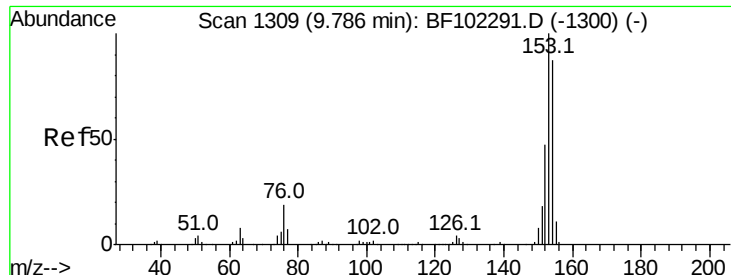
#50
2,6-Dinitrotoluene
Concen: 20.163 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF102613.D
Acq: 29 Jan 2018 22:38

Tgt Ion:165 Resp: 100028
Ion Ratio Lower Upper
165 100
63 51.6 44.7 67.1
89 49.3 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: 20.612 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

Instrument :

BNA_F

ClientSampleId :

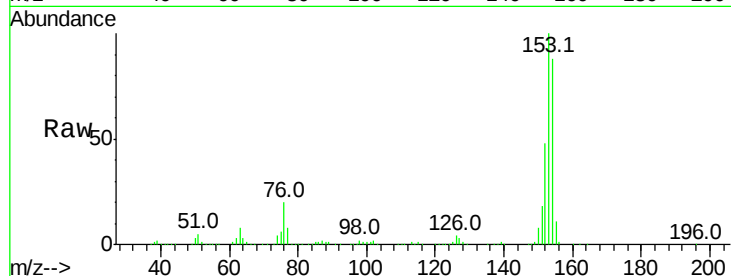
Tot Ion:154 Resp: 362858

Ion Ratio Lower Upper

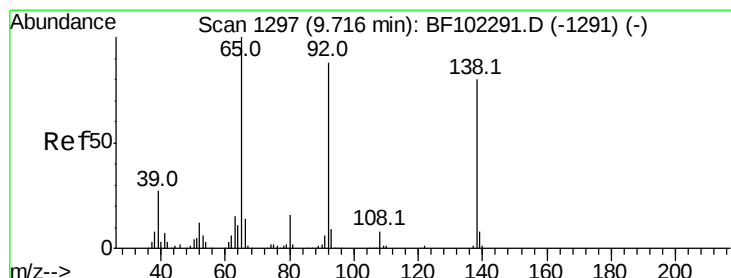
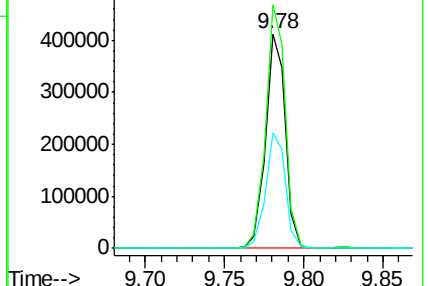
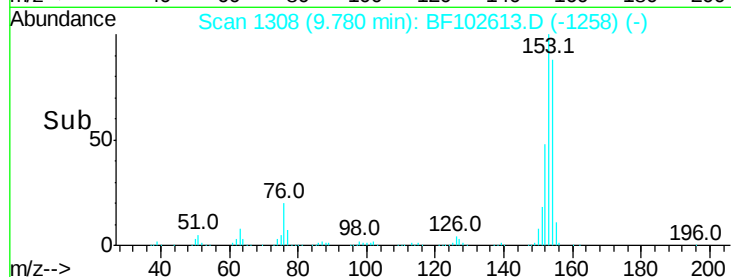
154 100

153 113.7 91.2 136.8

152 54.1 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: 16.947 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

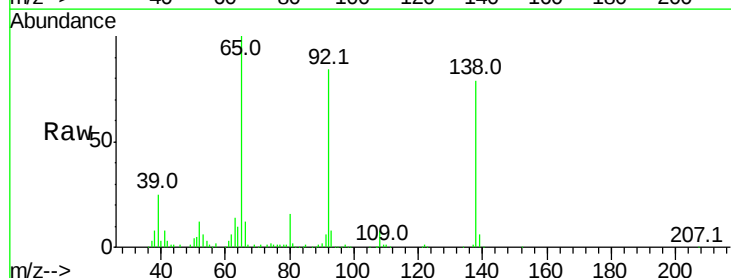
Tgt Ion:138 Resp: 99457

Ion Ratio Lower Upper

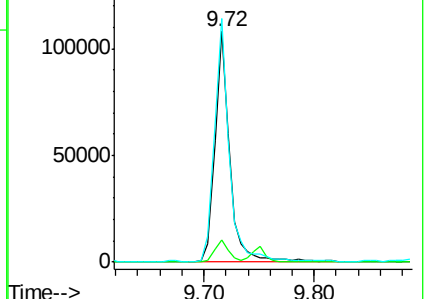
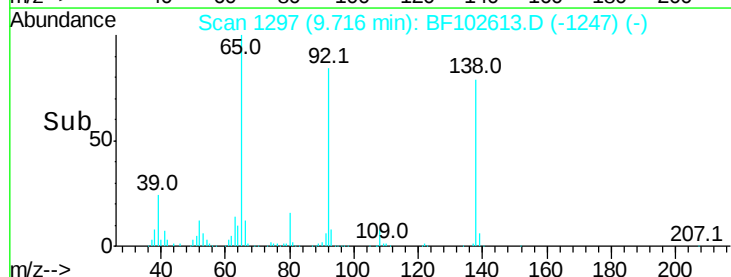
138 100

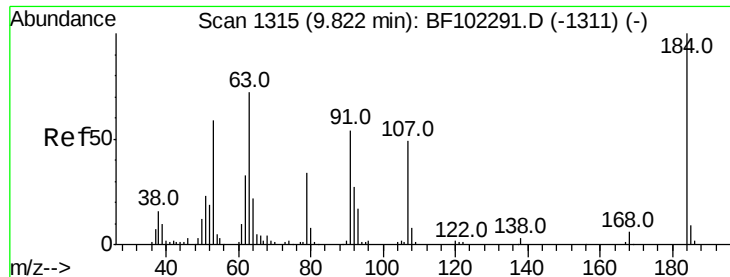
108 9.7 9.4 14.0

92 105.8 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

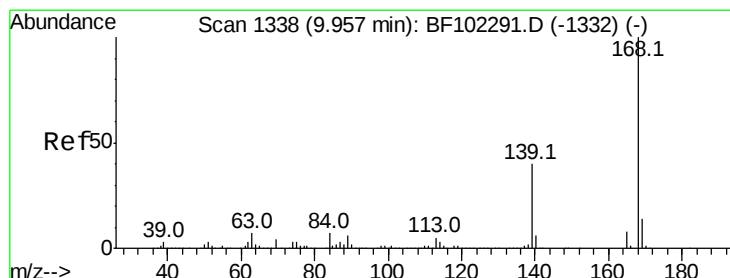
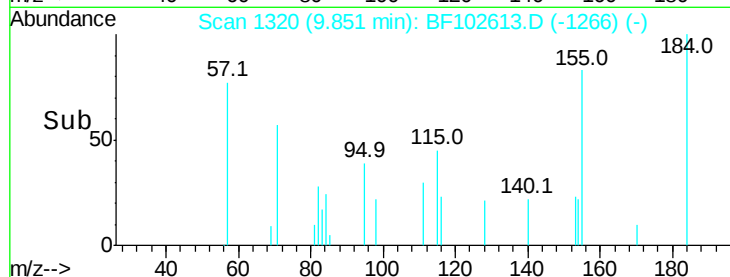
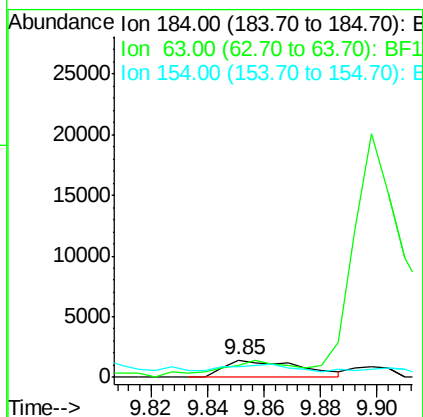
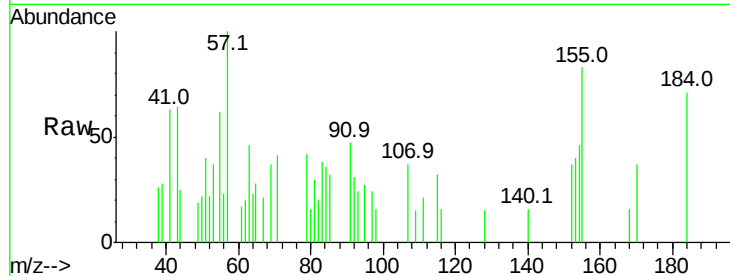




#53
 2,4-Dinitrophenol
 Concen: 4.850 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.02 min
 Lab File: BF102613.D
 Acq: 29 Jan 2018 22:38

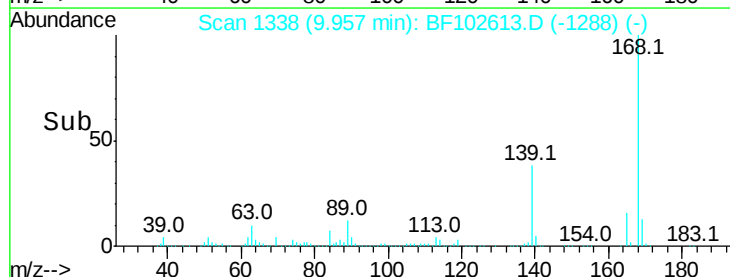
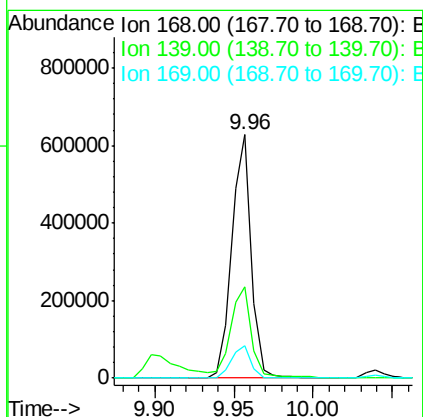
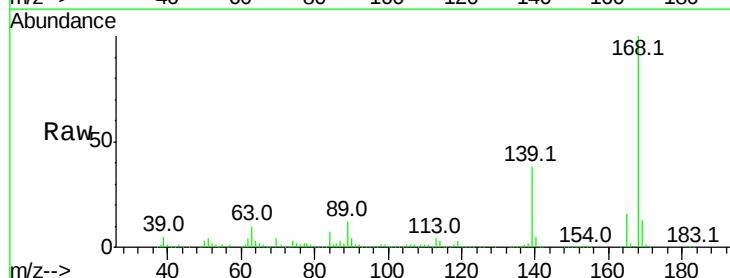
Instrument :
 BNA_F
 ClientSampled :

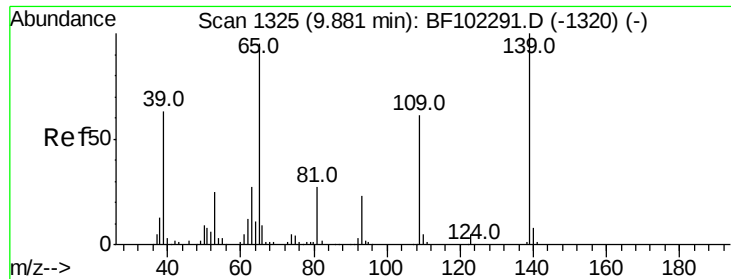
Tot Ion:184 Resp: 2695
 Ion Ratio Lower Upper
 184 100
 63 65.2 54.2 81.2
 154 64.5 184.0 276.0#



#54
 Dibenzofuran
 Concen: 22.350 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF102613.D
 Acq: 29 Jan 2018 22:38

Tgt Ion:168 Resp: 532498
 Ion Ratio Lower Upper
 168 100
 139 37.6 30.1 45.1
 169 13.3 10.9 16.3





#55

4-Nitrophenol

Concen: 24.075 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.01 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

Instrument :

BNA_F

ClientSampleId :

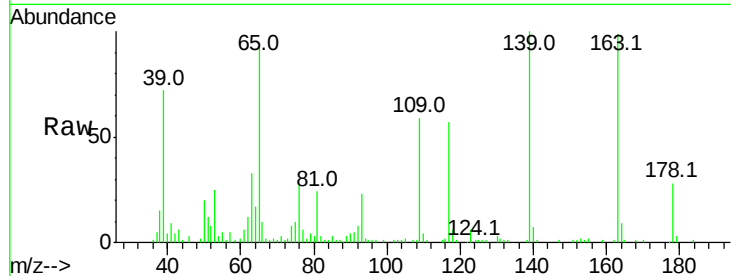
Tot Ion:139 Resp: 93267

Ion Ratio Lower Upper

139 100

109 58.7 48.4 88.4

65 92.9 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

300000

250000

200000

150000

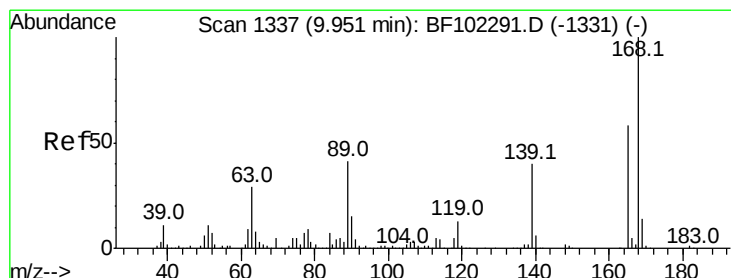
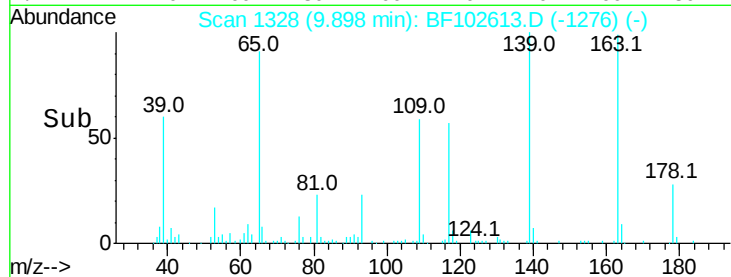
100000

50000

0

9.85 9.90 9.95

Time-->



#56

2,4-Dinitrotoluene

Concen: 19.430 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

Tgt Ion:165 Resp: 118539

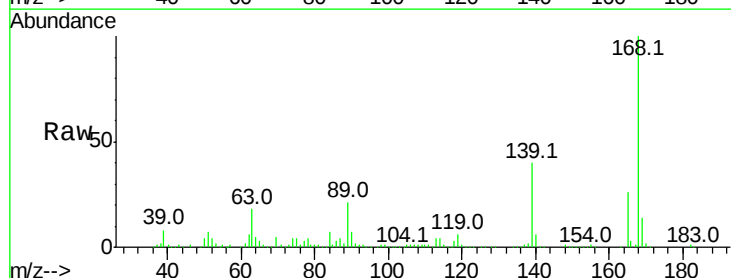
Ion Ratio Lower Upper

165 100

63 69.4 36.4 54.6#

89 80.1 57.8 86.6

182 2.4 1.6 2.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

200000

150000

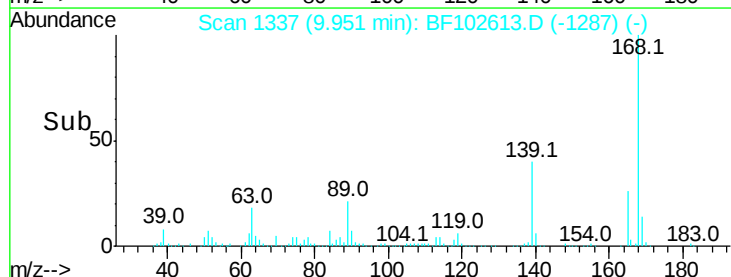
100000

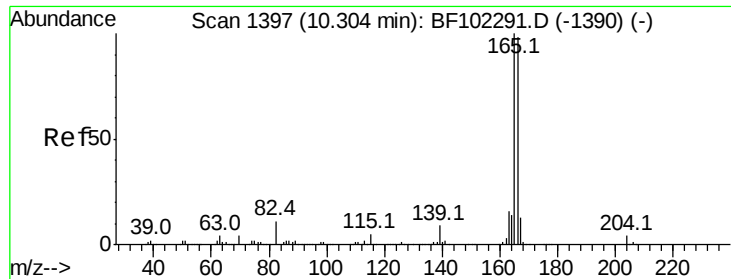
50000

0

9.90 9.95 10.00 10.05

Time-->





#57

Fluorene

Concen: 22.715 ng

RT: 10.30 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

Instrument :

BNA_F

ClientSampleId :

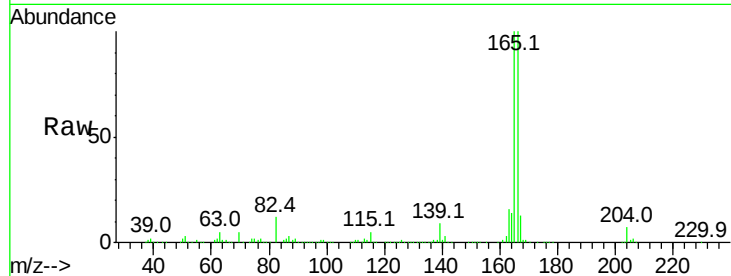
Tot Ion:166 Resp: 428842

Ion Ratio Lower Upper

166 100

165 100.3 79.8 119.8

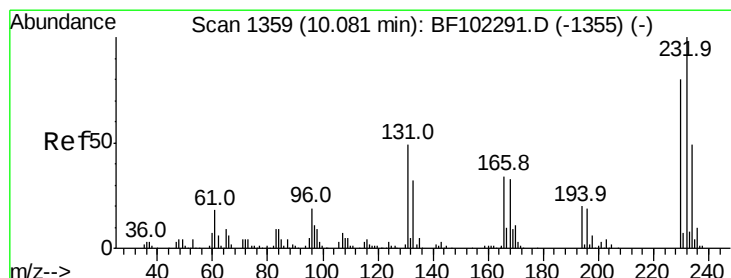
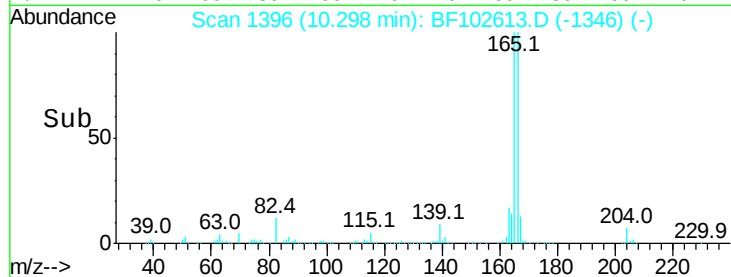
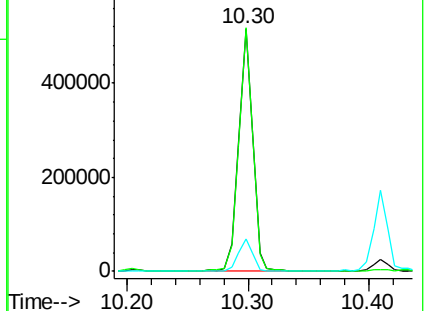
167 13.2 10.6 16.0



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: 18.243 ng

RT: 10.08 min Scan# 1359

Delta R.T. -0.00 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

Tgt Ion:232 Resp: 82229

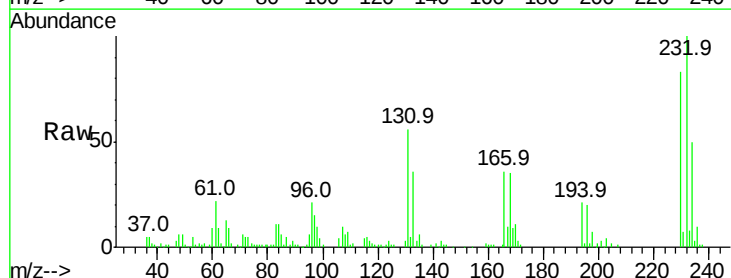
Ion Ratio Lower Upper

232 100

131 51.8 43.8 65.8

130 2.4 2.1 3.1

166 33.6 27.8 41.6

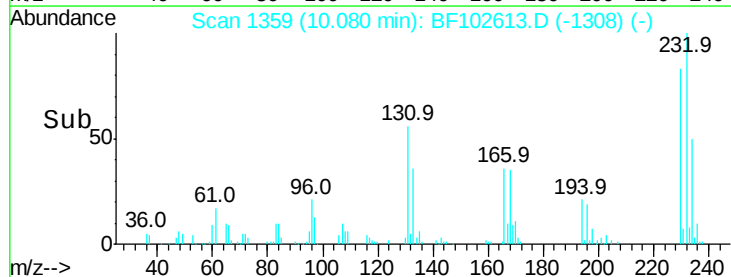
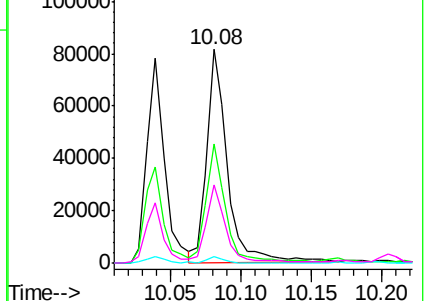


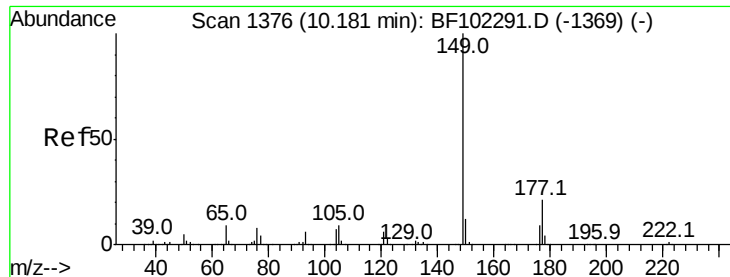
Abundance Ion 232.00 (231.70 to 232.70): E

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

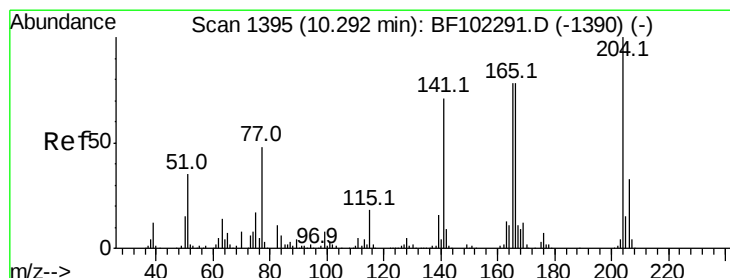
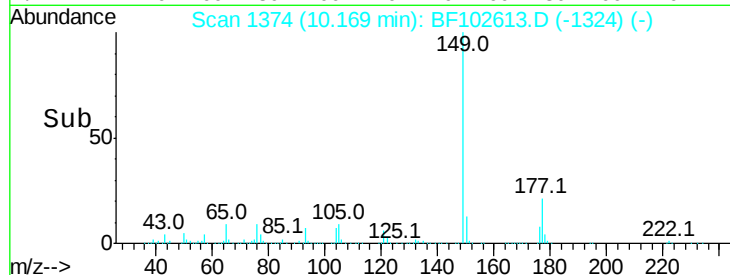
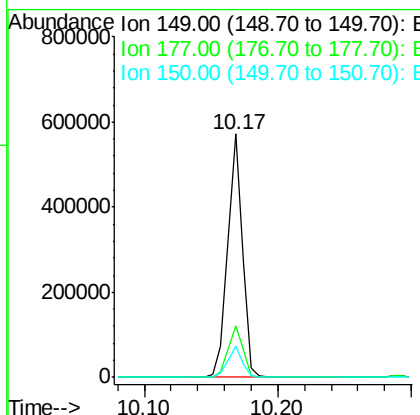
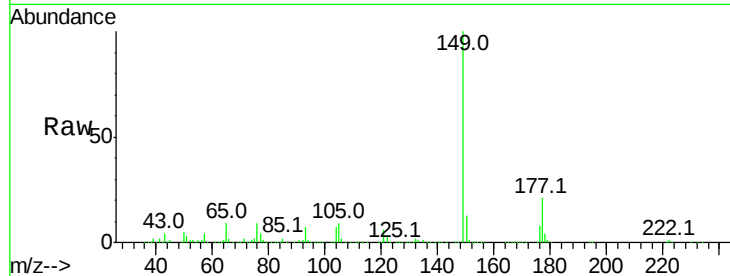




#59
Diethylphthalate
Concen: 20.271 ng
RT: 10.17 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BF102613.D
Acq: 29 Jan 2018 22:38

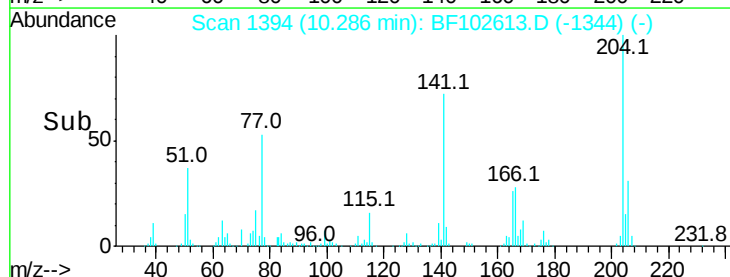
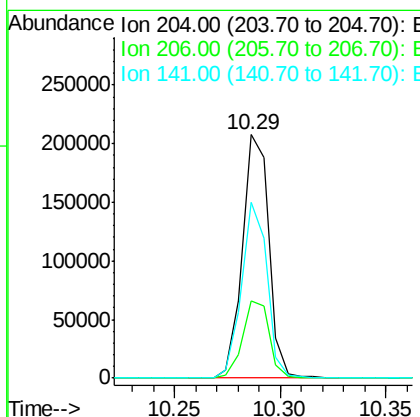
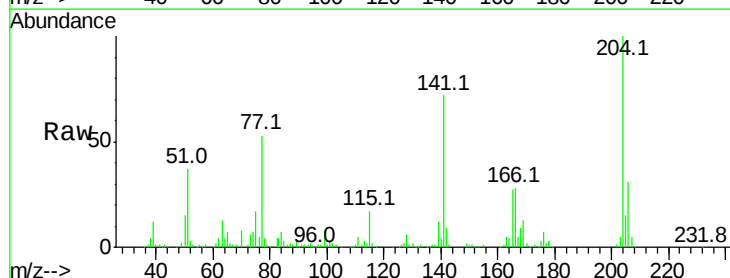
Instrument :
BNA_F
ClientSampleId :

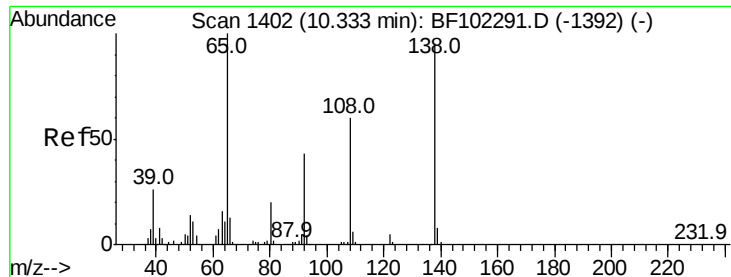
Tot Ion:149 Resp: 453257
Ion Ratio Lower Upper
149 100
177 21.3 16.1 24.1
150 12.6 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 21.959 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF102613.D
Acq: 29 Jan 2018 22:38

Tgt Ion:204 Resp: 179746
Ion Ratio Lower Upper
204 100
206 31.5 26.5 39.7
141 72.4 54.6 81.8

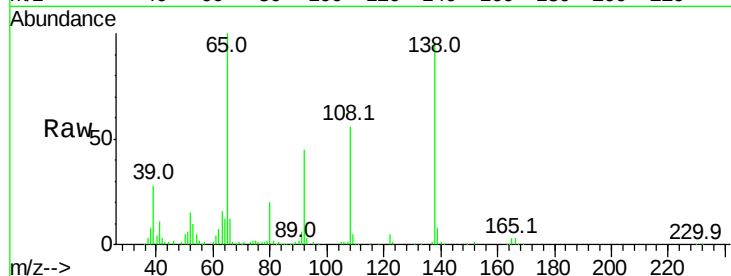




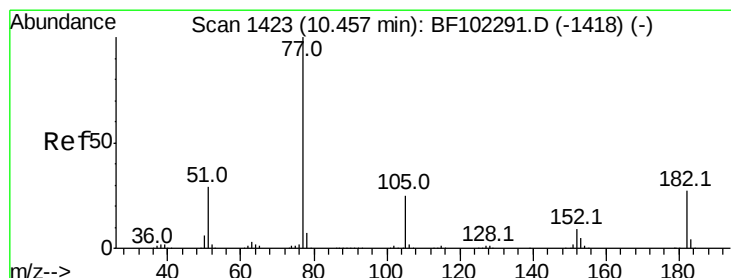
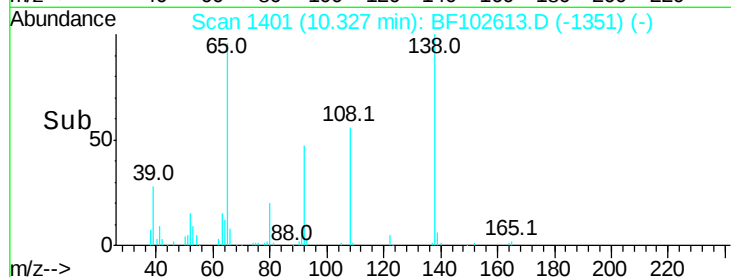
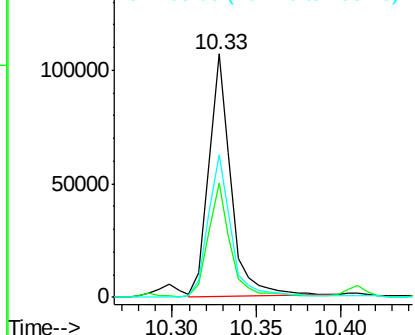
#61
4-Nitroaniline
Concen: 16.706 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF102613.D
Acq: 29 Jan 2018 22:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 97834
Ion Ratio Lower Upper
138 100
92 47.0 30.2 70.2
108 58.8 52.5 92.5

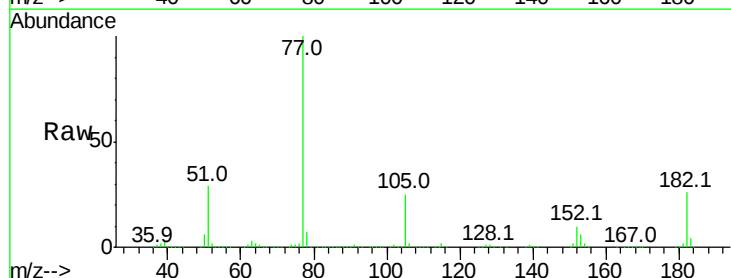


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

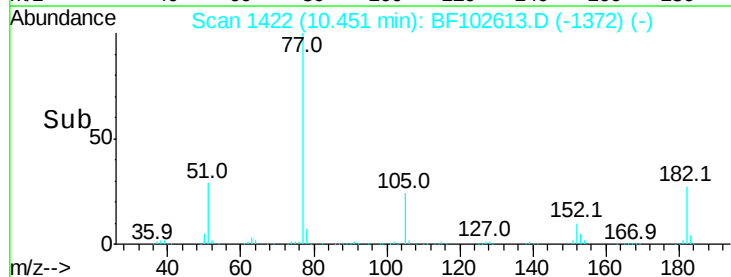
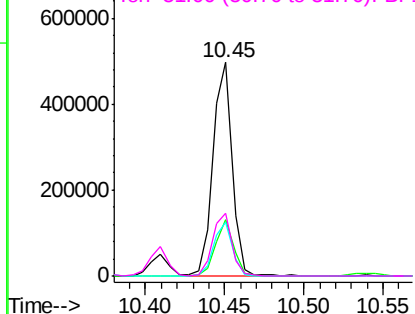


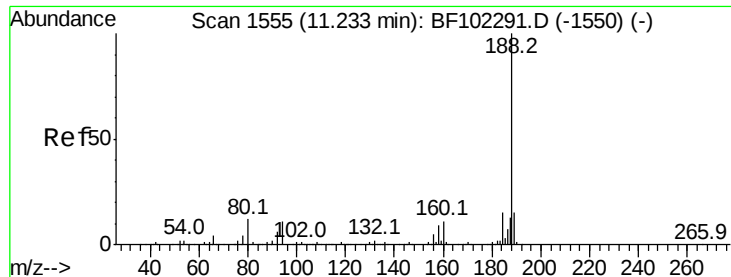
#62
Azobenzene
Concen: 20.257 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF102613.D
Acq: 29 Jan 2018 22:38

Tgt Ion: 77 Resp: 414713
Ion Ratio Lower Upper
77 100
182 26.4 1.7 41.7
105 25.3 3.0 43.0
51 29.2 9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

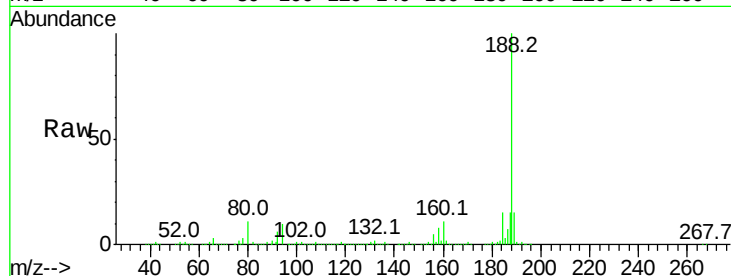




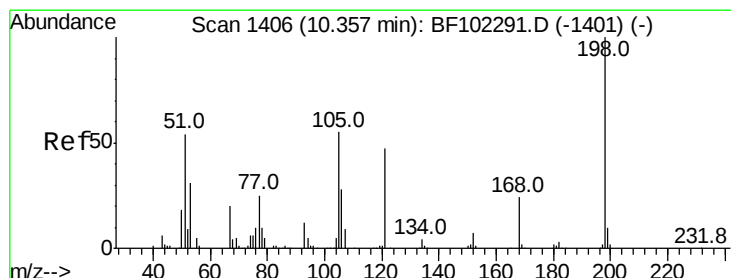
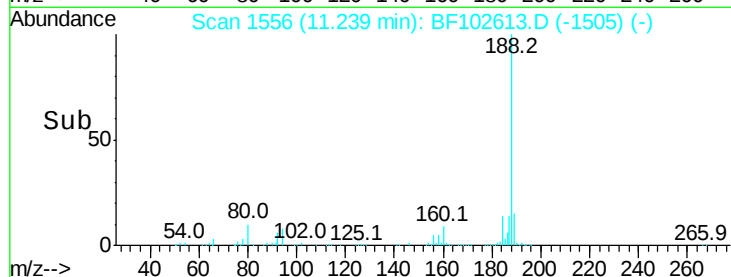
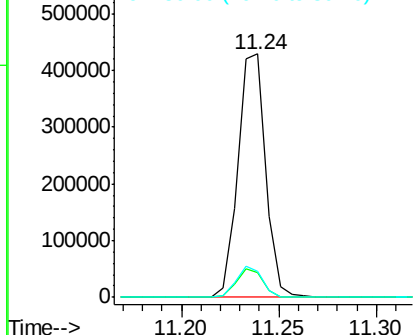
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.00 min
Lab File: BF102613.D
Acq: 29 Jan 2018 22:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 422359
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 10.5 9.2 13.8

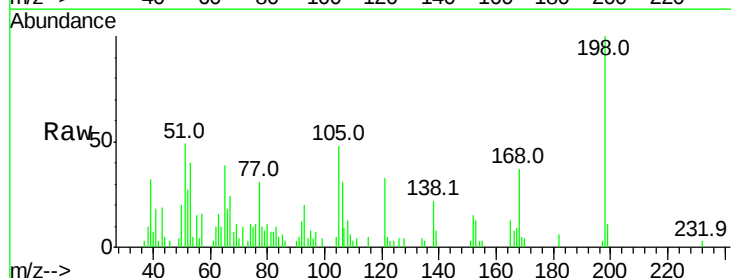


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

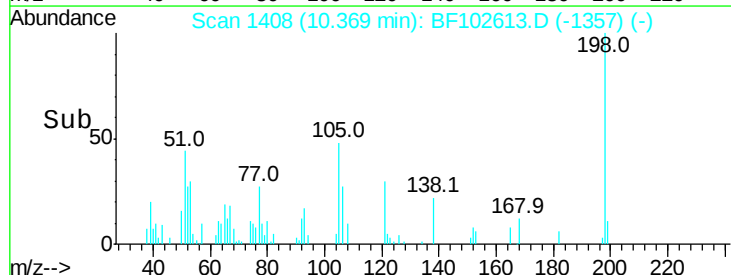
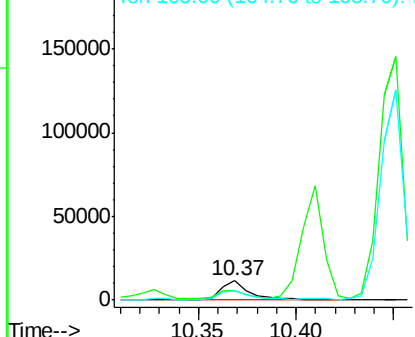


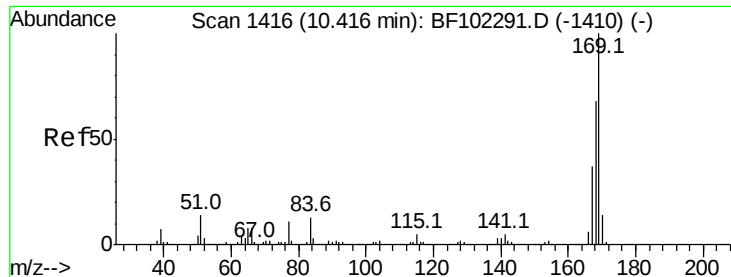
#64
4,6-Dinitro-2-methylphenol
Concen: 4.289 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BF102613.D
Acq: 29 Jan 2018 22:38

Tgt Ion:198 Resp: 12085
Ion Ratio Lower Upper
198 100
51 49.4 37.7 77.7
105 47.5 36.3 76.3



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





#65

n-Nitrosodiphenylamine

Concen: 23.588 ng

RT: 10.41 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

Instrument :

BNA_F

ClientSampleId :

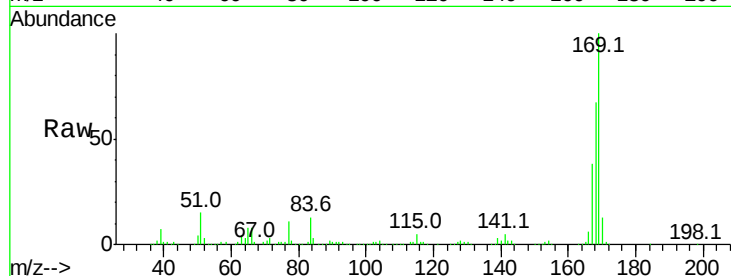
Tot Ion:169 Resp: 365668

Ion Ratio Lower Upper

169 100

168 67.3 54.4 81.6

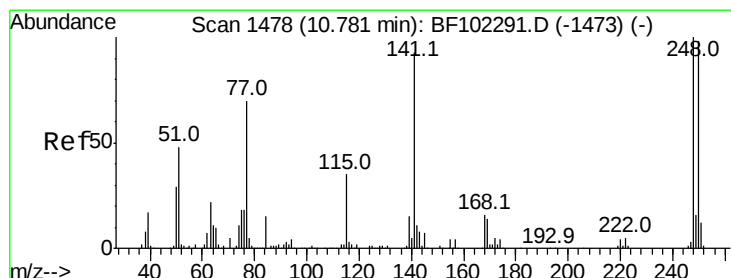
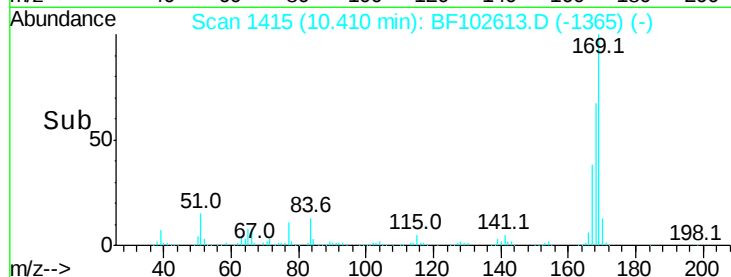
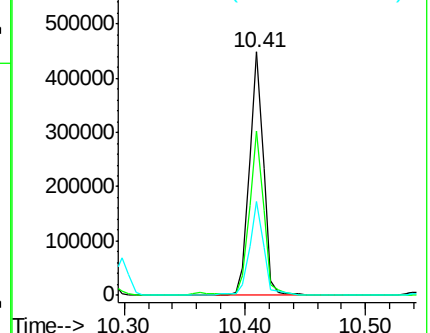
167 38.3 29.8 44.6



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: 22.796 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

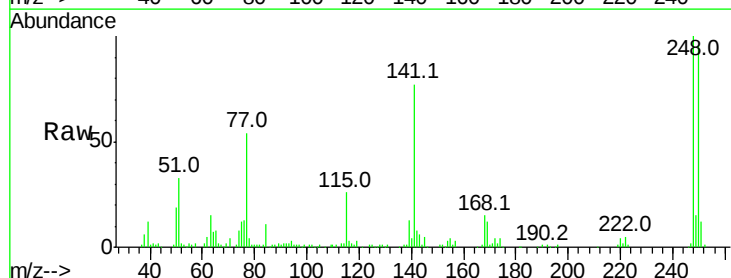
Tgt Ion:248 Resp: 103646

Ion Ratio Lower Upper

248 100

250 95.9 76.9 115.3

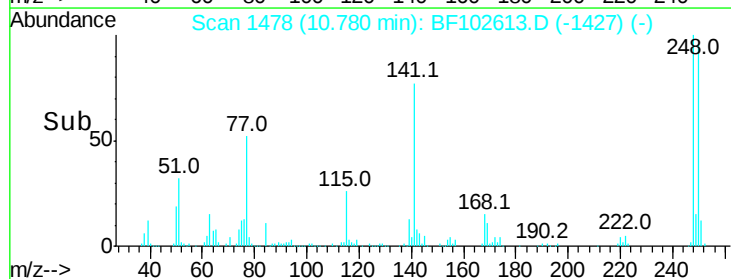
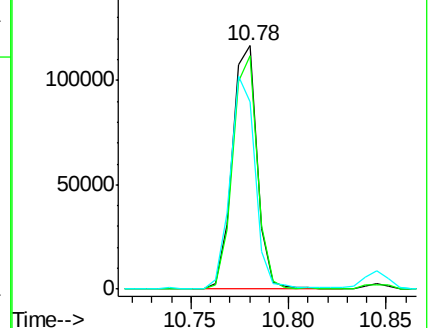
141 76.9 74.4 111.6

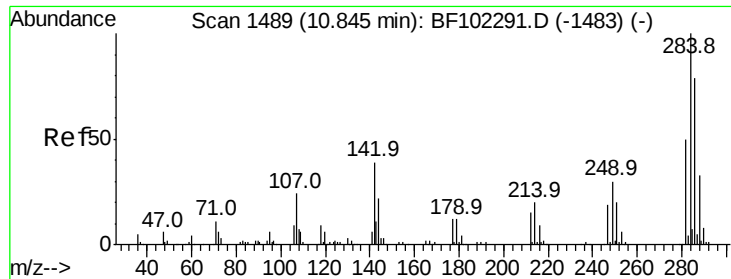


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

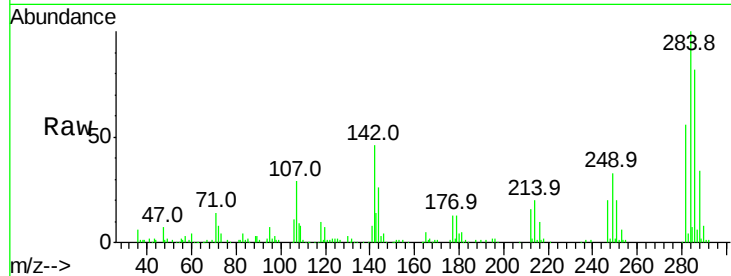




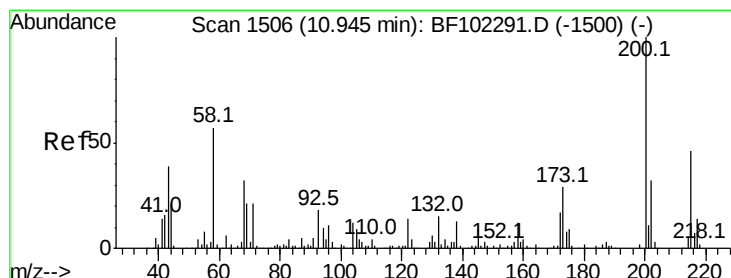
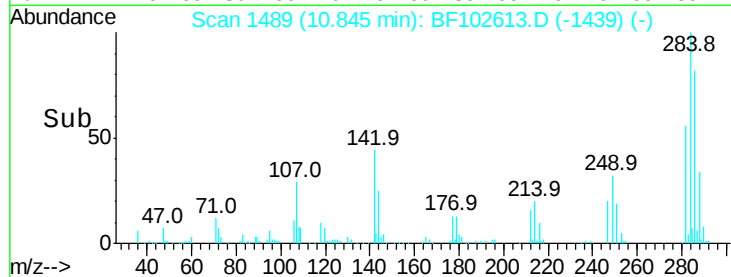
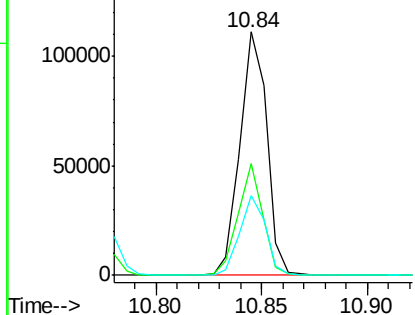
#67
Hexachlorobenzene
Concen: 19.223 ng
RT: 10.84 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BF102613.D
Acq: 29 Jan 2018 22:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 97747
Ion Ratio Lower Upper
284 100
142 45.9 34.6 52.0
249 32.6 24.8 37.2

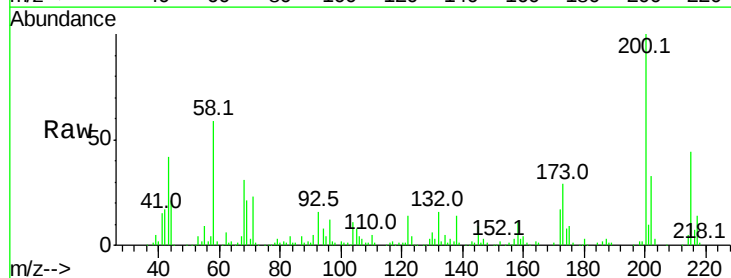


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

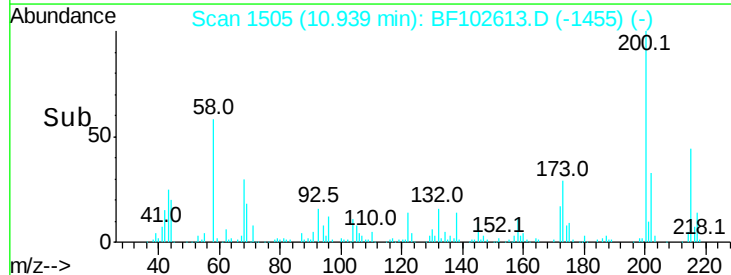
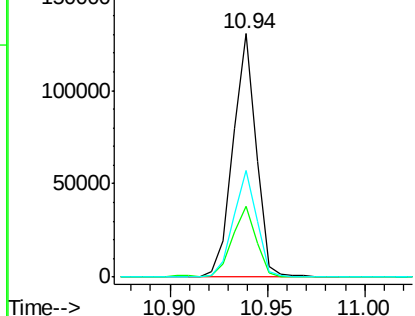


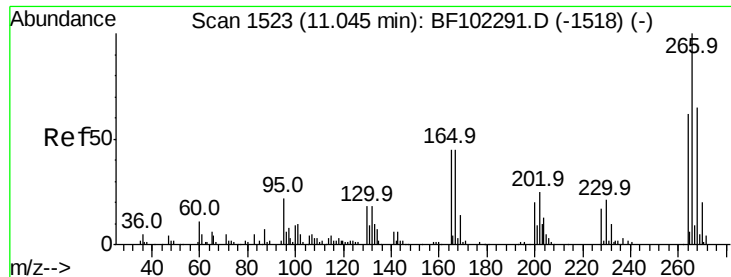
#68
Atrazine
Concen: 23.435 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BF102613.D
Acq: 29 Jan 2018 22:38

Tgt Ion:200 Resp: 107297
Ion Ratio Lower Upper
200 100
173 29.1 8.6 48.6
215 43.8 25.1 65.1



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

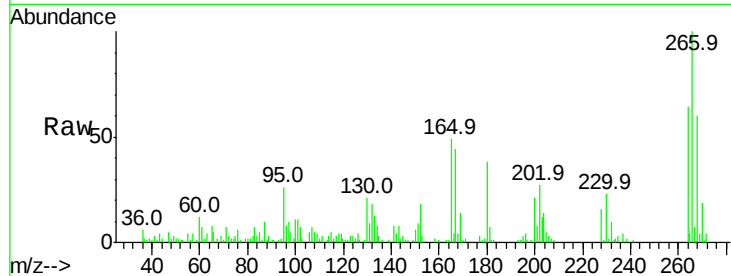




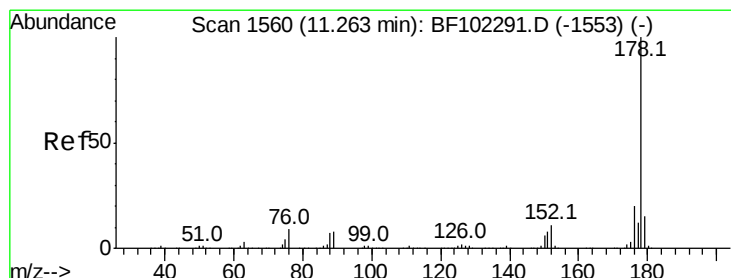
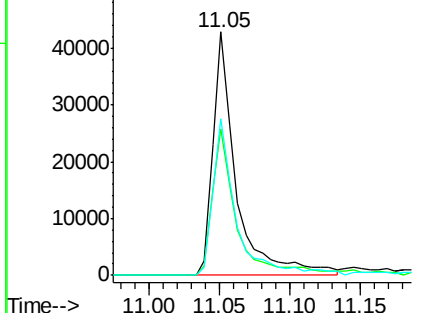
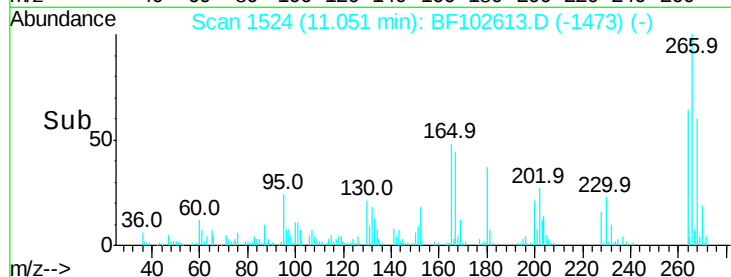
#69
 Pentachlorophenol
 Concen: 18.479 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. -0.00 min
 Lab File: BF102613.D
 Acq: 29 Jan 2018 22:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 49362
 Ion Ratio Lower Upper
 266 100
 268 60.3 51.1 76.7
 264 64.3 49.5 74.3

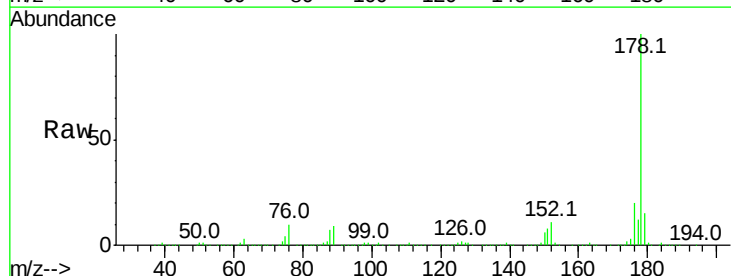


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

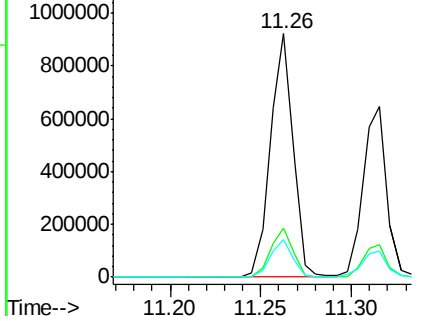
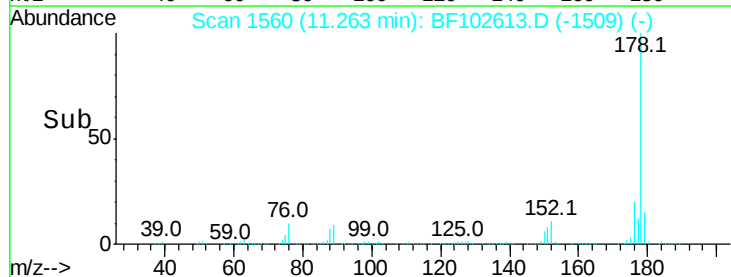


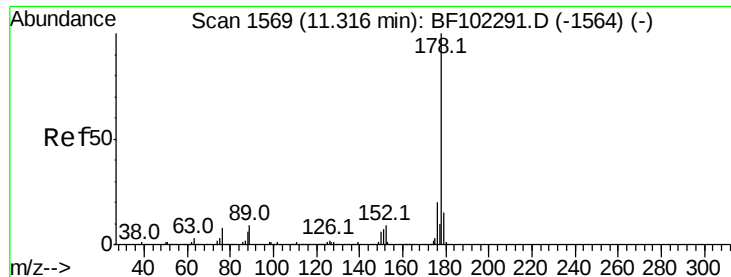
#70
 Phenanthrene
 Concen: 32.355 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: BF102613.D
 Acq: 29 Jan 2018 22:38

Tgt Ion:178 Resp: 796317
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.8 23.8
 179 15.3 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

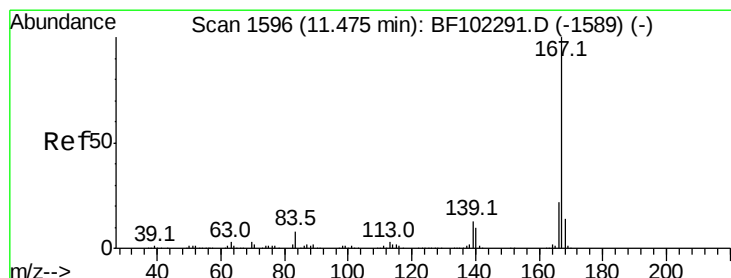
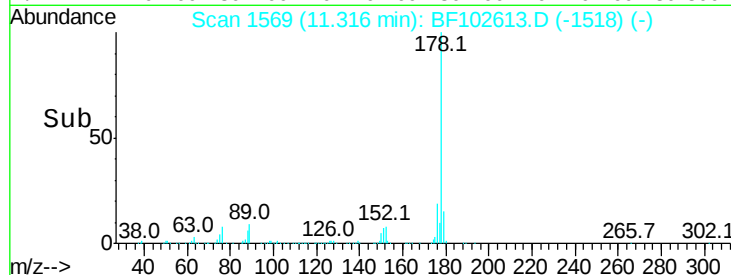
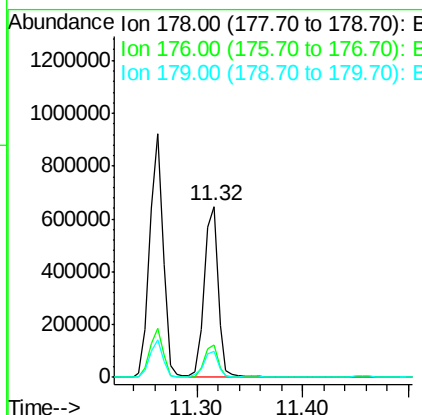
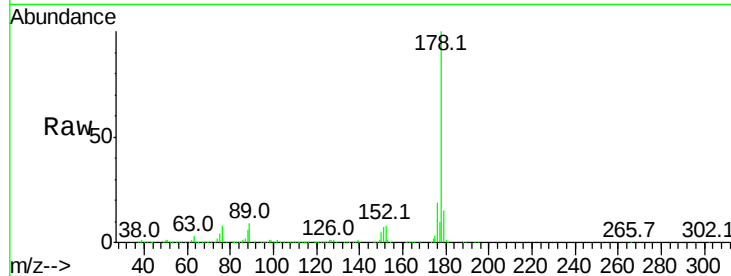




#71
 Anthracene
 Concen: 23.764 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: BF102613.D
 Acq: 29 Jan 2018 22:38

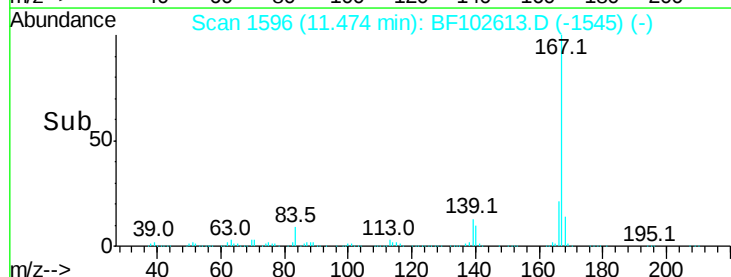
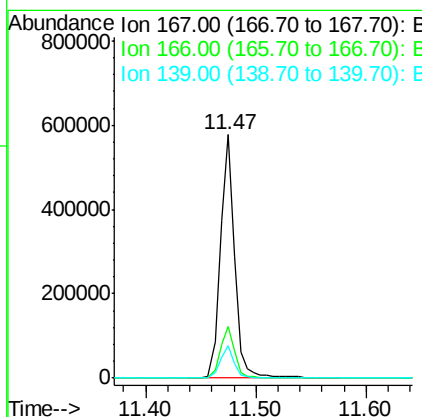
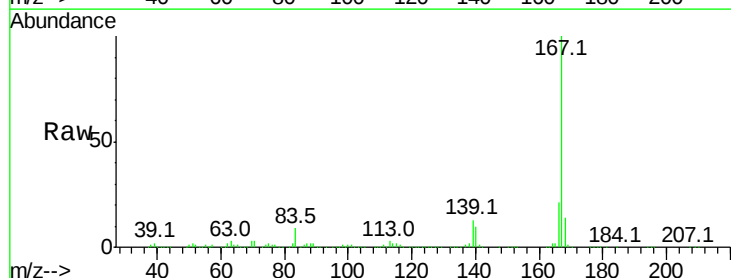
Instrument :
 BNA_F
 ClientSampleId :

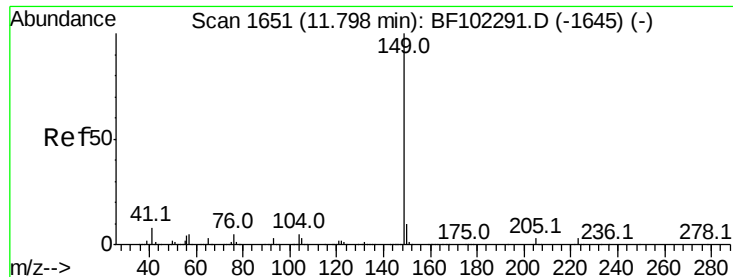
Tot Ion:178 Resp: 596981
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.4 23.2
 179 15.0 12.6 19.0



#72
 Carbazole
 Concen: 21.114 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BF102613.D
 Acq: 29 Jan 2018 22:38

Tgt Ion:167 Resp: 517461
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.6 26.4
 139 13.1 10.9 16.3





#73

Di-n-butylphthalate

Concen: 21.545 ng

RT: 11.79 min Scan# 1650

Delta R.T. -0.01 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

Instrument :

BNA_F

ClientSampleId :

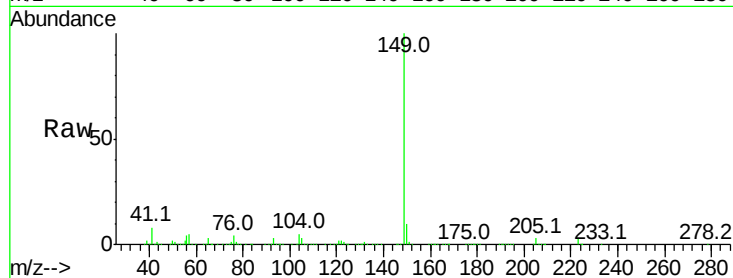
Tot Ion:149 Resp: 660006

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

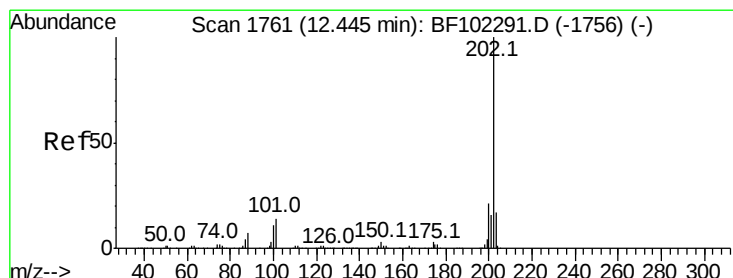
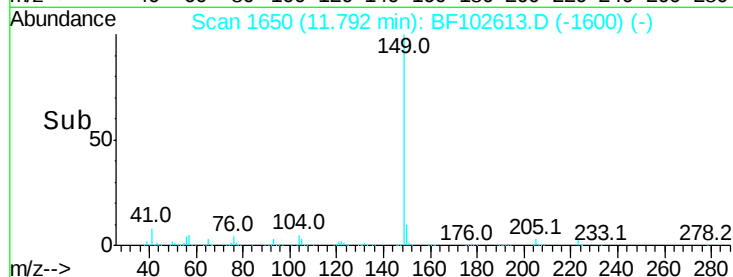
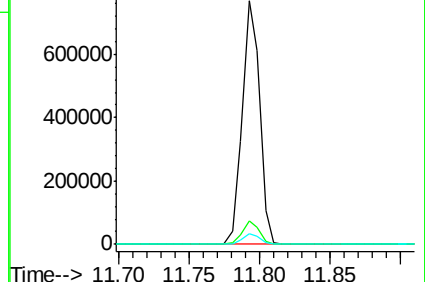
104 4.6 3.8 5.8



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: 37.428 ng

RT: 12.45 min Scan# 1762

Delta R.T. -0.00 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

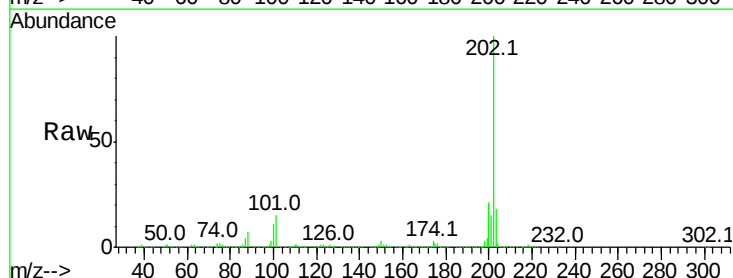
Tgt Ion:202 Resp: 939366

Ion Ratio Lower Upper

202 100

101 15.2 0.0 34.1

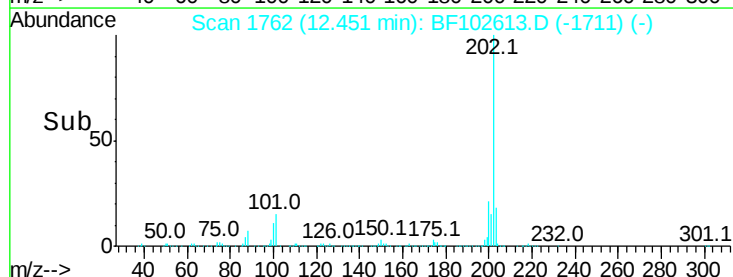
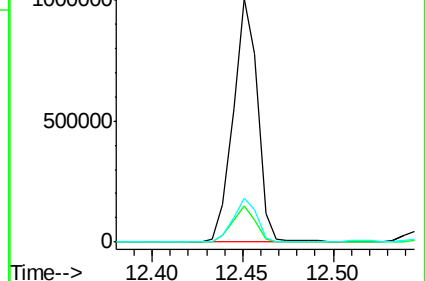
203 18.0 0.0 38.1

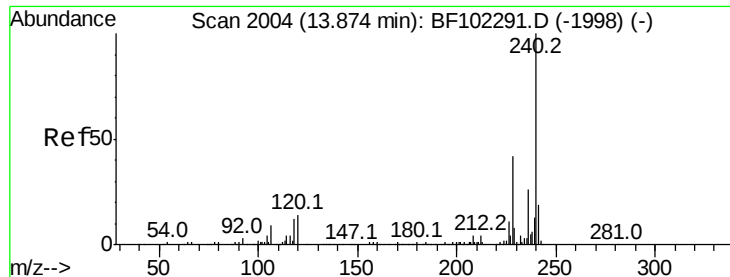


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.88 min Scan# 2005

Delta R.T. -0.00 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

Instrument :

BNA_F

ClientSampleId :

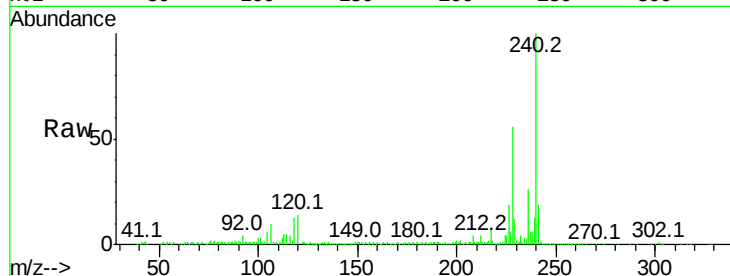
Tot Ion:240 Resp: 292659

Ion Ratio Lower Upper

240 100

120 14.2 9.5 14.3

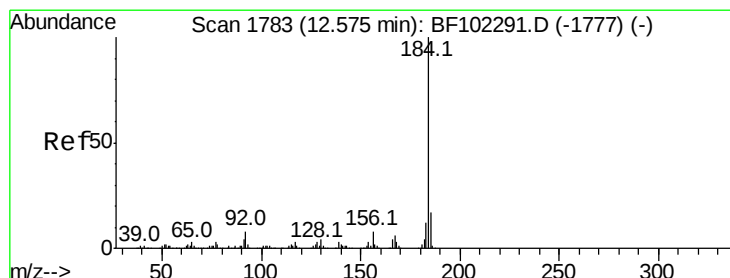
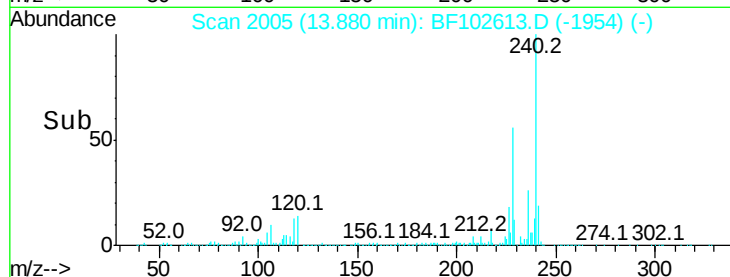
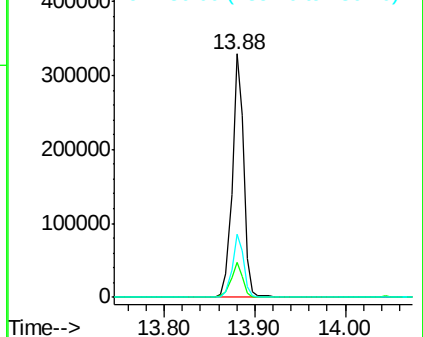
236 26.2 20.7 31.1



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: 15.495 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

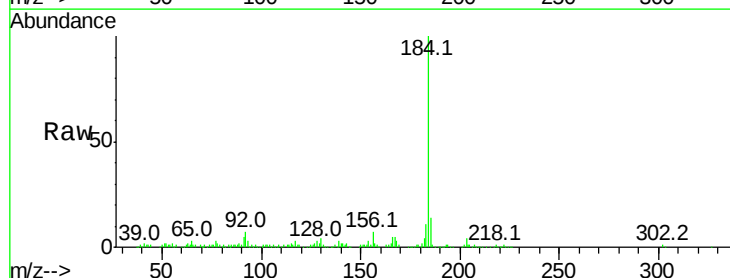
Tgt Ion:184 Resp: 152340

Ion Ratio Lower Upper

184 100

185 14.1 12.6 18.8

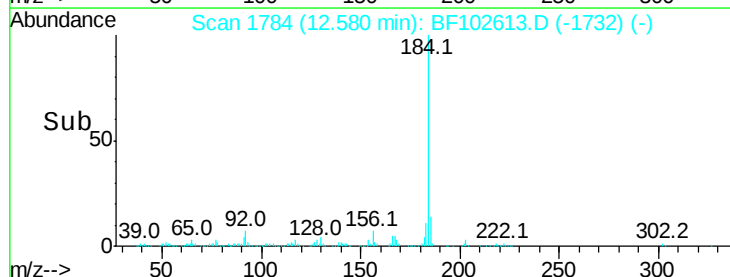
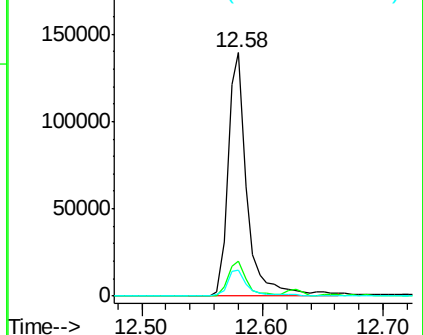
183 10.8 9.3 13.9

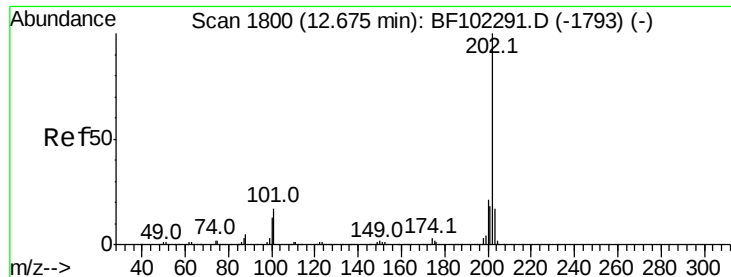


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

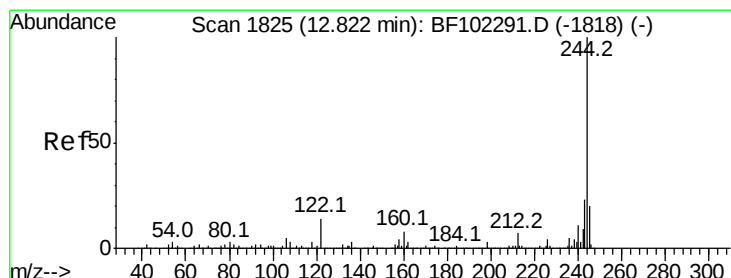
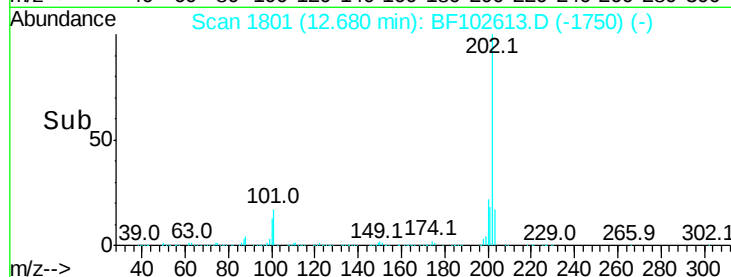
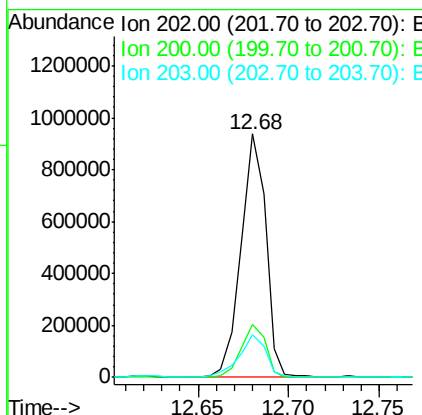
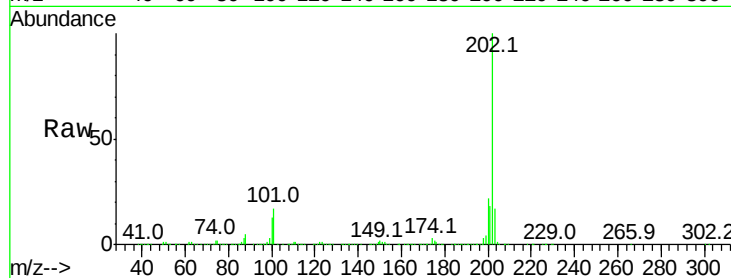




#77
Pvrene
Concen: 39.606 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BF102613.D
Acq: 29 Jan 2018 22:38

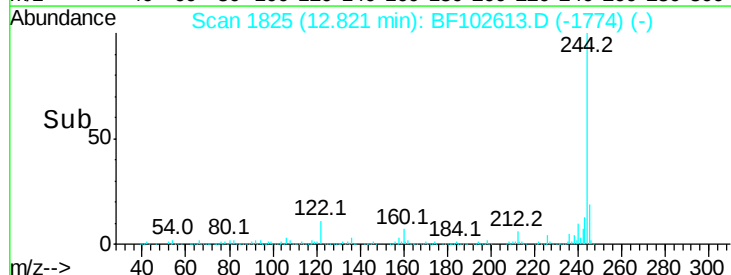
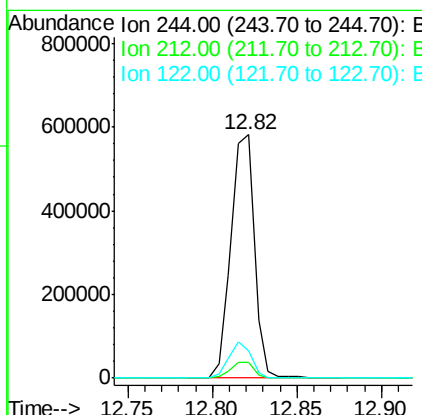
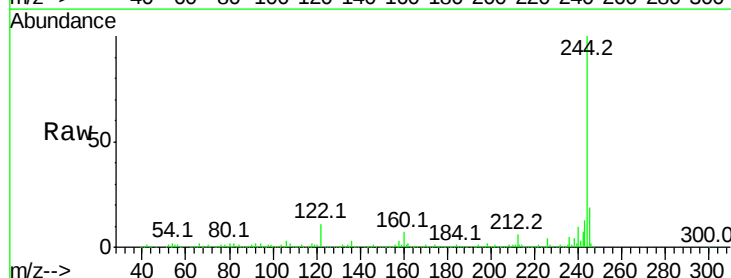
Instrument :
BNA_F
ClientSampleId :

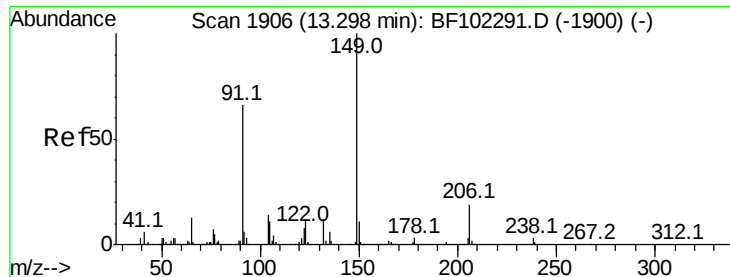
Tot Ion:202 Resp: 896183
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 17.4 14.3 21.5



#78
Terphenyl-d14
Concen: 43.388 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BF102613.D
Acq: 29 Jan 2018 22:38

Tgt Ion:244 Resp: 563263
Ion Ratio Lower Upper
244 100
212 6.4 5.4 8.0
122 11.3 11.0 16.4

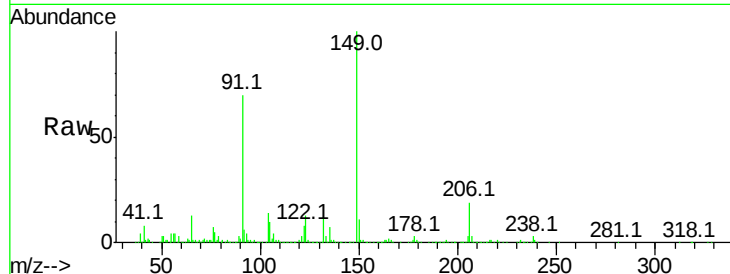




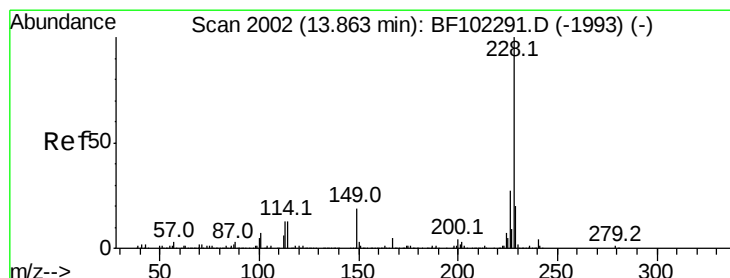
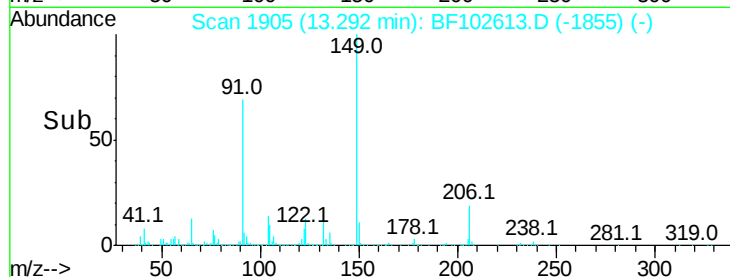
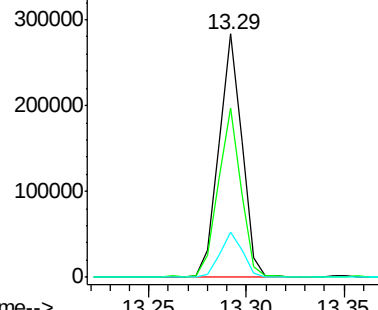
#79
Butylbenzylphthalate
Concen: 20.467 ng
RT: 13.29 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BF102613.D
Acq: 29 Jan 2018 22:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	69.6	56.8	85.2
206	18.6	14.1	21.1

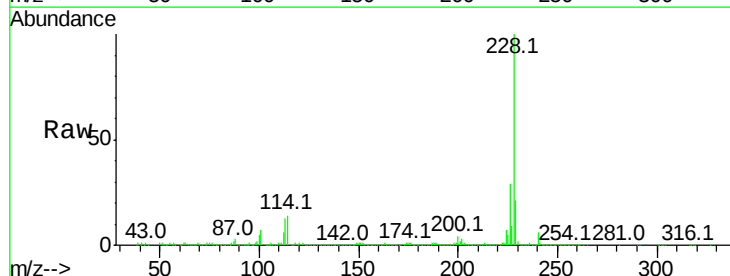


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

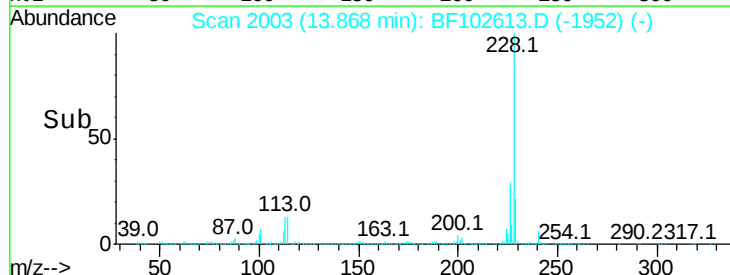
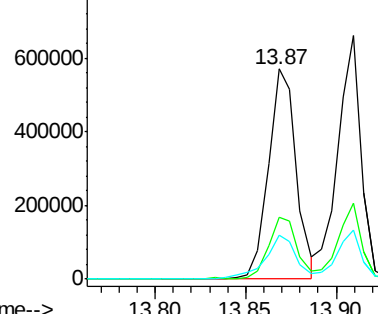


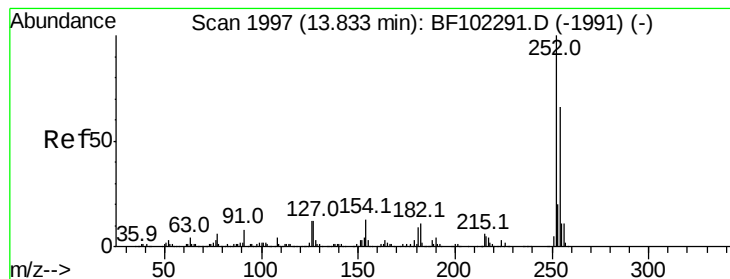
#80
Benzo(a)anthracene
Concen: 33.929 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF102613.D
Acq: 29 Jan 2018 22:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.6	33.8
229	20.8	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

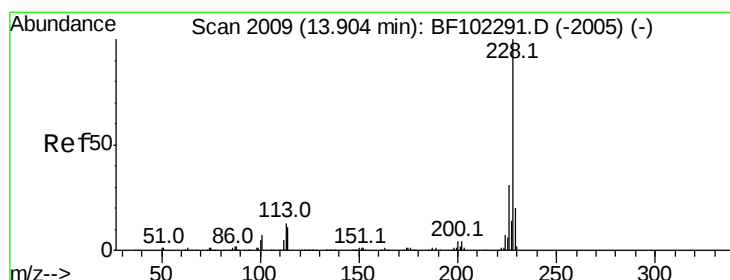
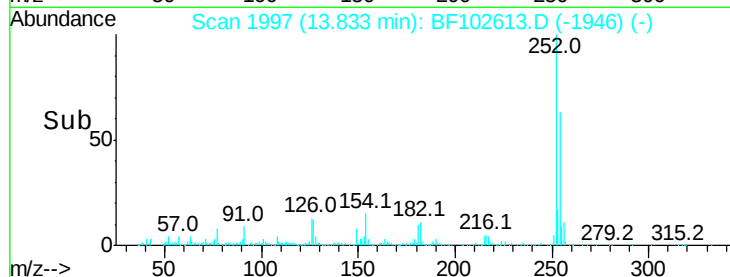
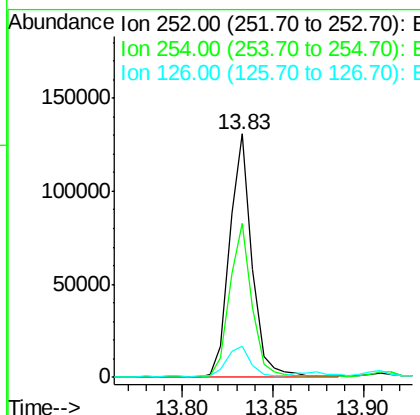
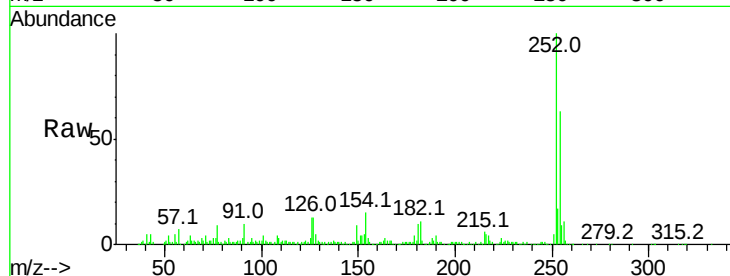




#81
 3,3'-Dichlorobenzidine
 Concen: 17.083 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.00 min
 Lab File: BF102613.D
 Acq: 29 Jan 2018 22:38

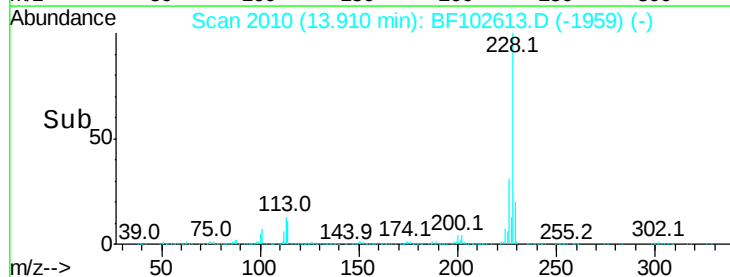
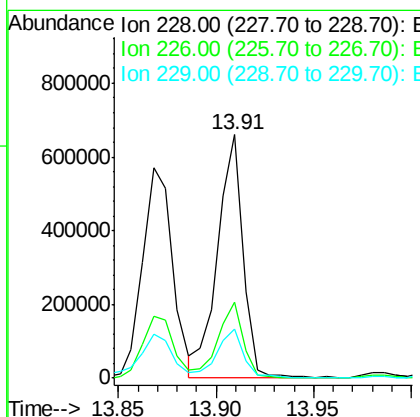
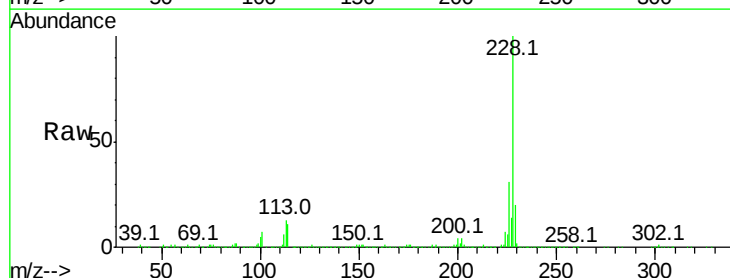
Instrument :
 BNA_F
 ClientSampleId :

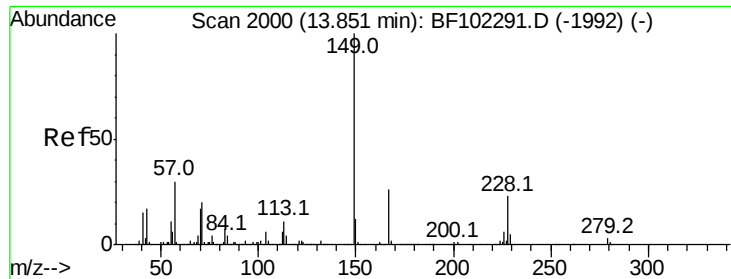
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.0	50.4	75.6
126	12.9	11.3	16.9



#82
 Chrysene
 Concen: 32.458 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. -0.00 min
 Lab File: BF102613.D
 Acq: 29 Jan 2018 22:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	20.0	16.2	24.4

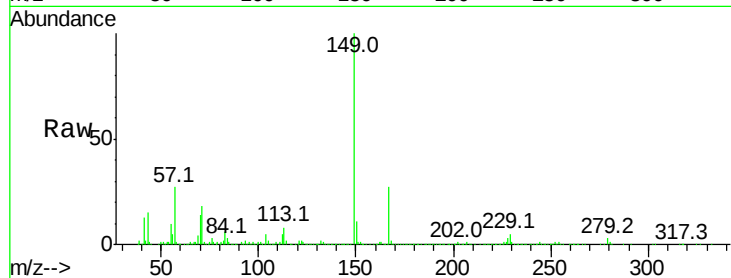




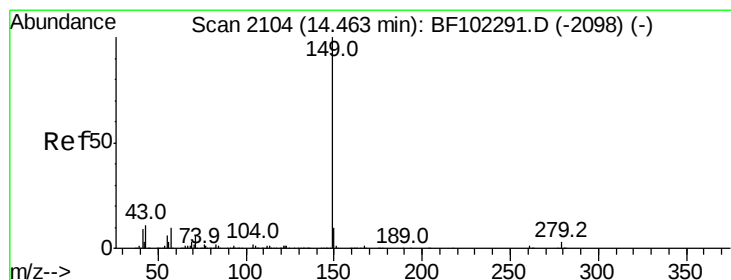
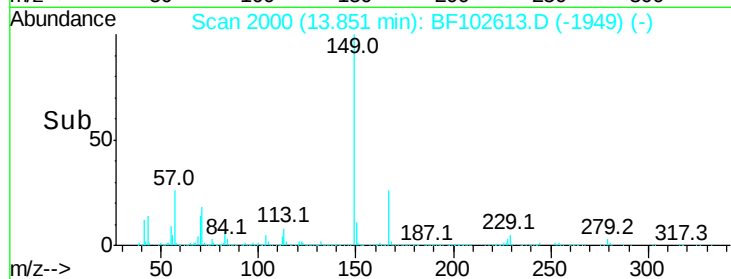
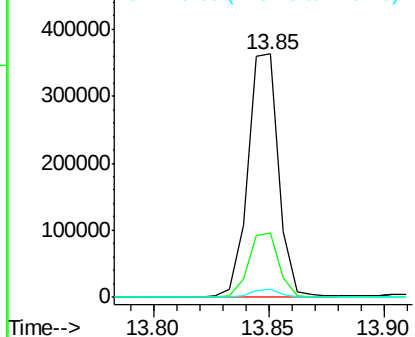
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 22.176 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. -0.00 min
 Lab File: BF102613.D
 Acq: 29 Jan 2018 22:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.3	31.9
279	3.5	3.0	4.4

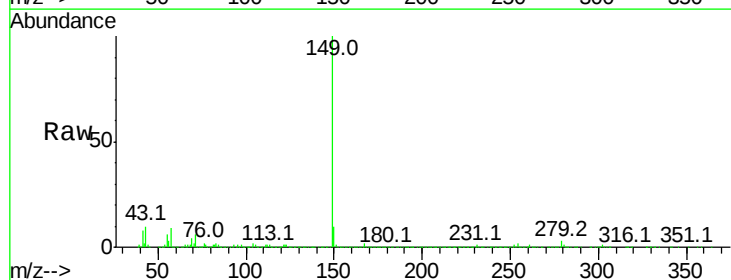


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

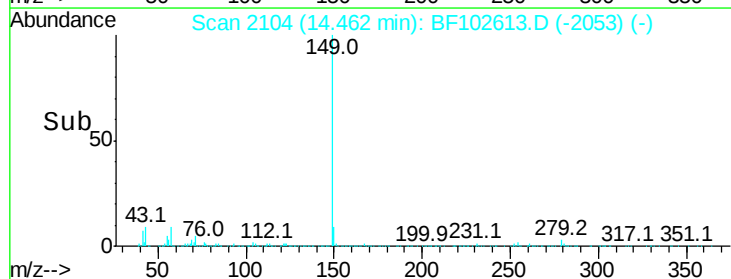
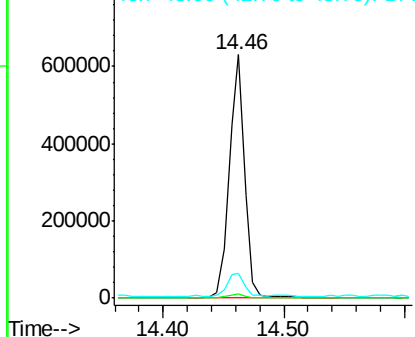


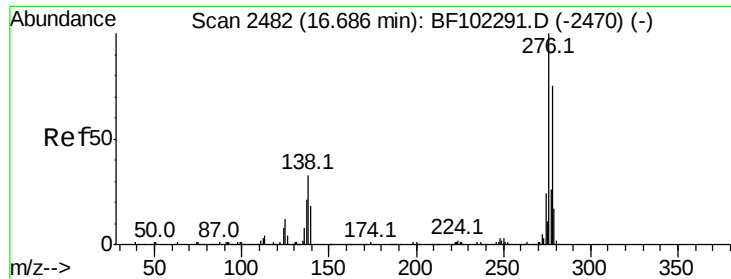
#84
 Di-n-octyl phthalate
 Concen: 22.061 ng
 RT: 14.46 min Scan# 2104
 Delta R.T. -0.00 min
 Lab File: BF102613.D
 Acq: 29 Jan 2018 22:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.0	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: 29.115 ng

RT: 16.73 min Scan# 2489

Delta R.T. 0.02 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

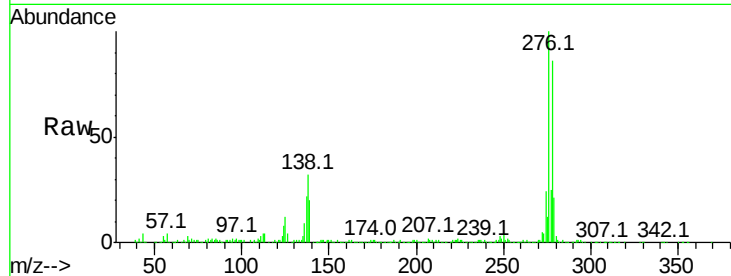
Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 439956

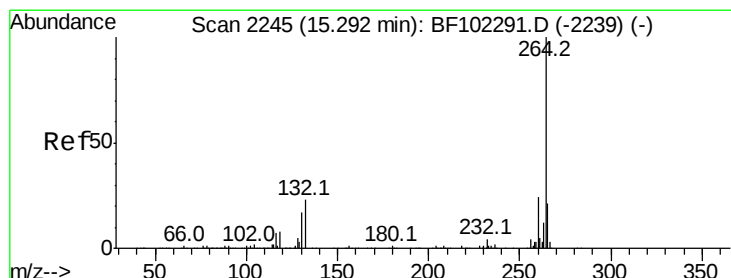
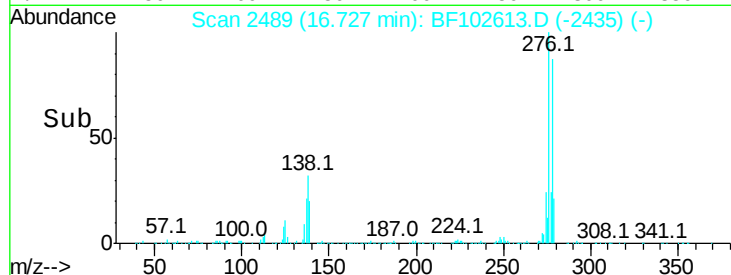
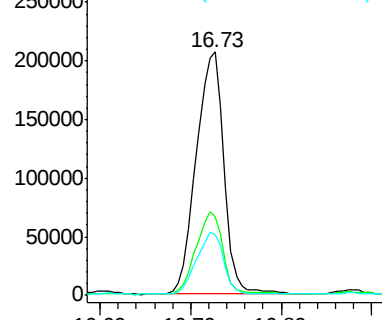
Ion	Ratio	Lower	Upper
276	100		
138	32.6	25.0	37.6
277	24.0	20.1	30.1



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: 15.32 min Scan# 2249

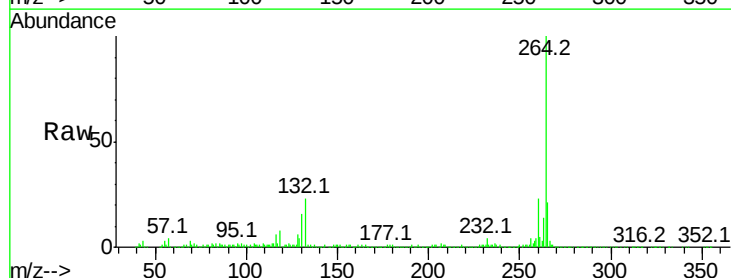
Delta R.T. 0.01 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

Tgt Ion:264 Resp: 301538

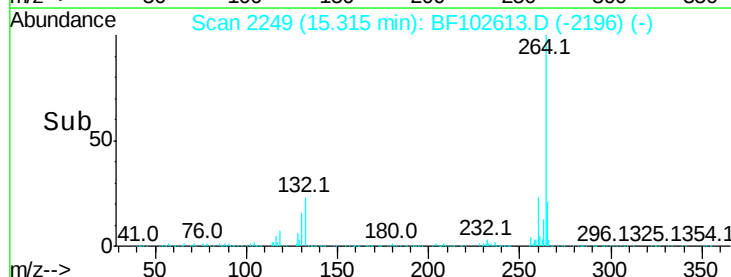
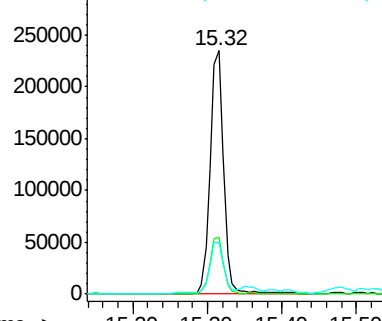
Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.4	17.5	26.3

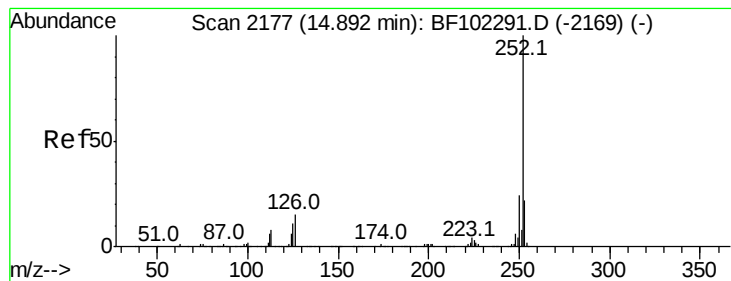


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 21.090 ng

RT: 14.93 min Scan# 2184

Delta R.T. 0.04 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

Instrument :

BNA_F

ClientSampleId :

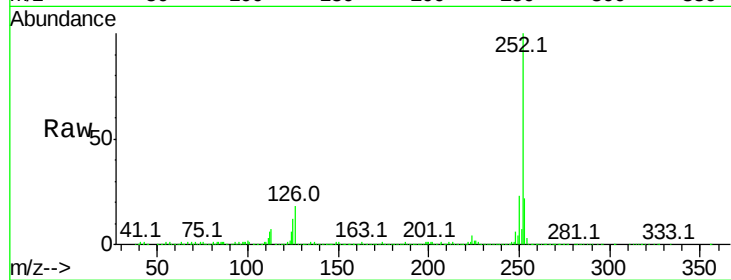
Tot Ion:252 Resp: 412188

Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.6

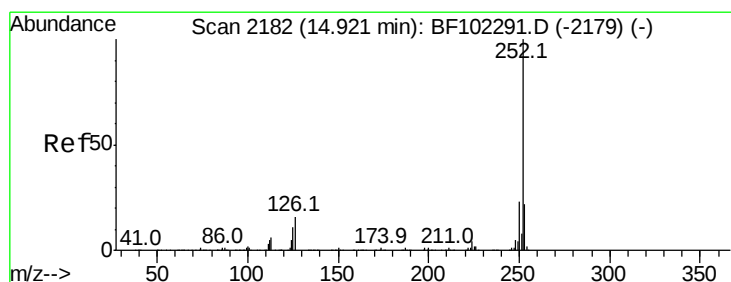
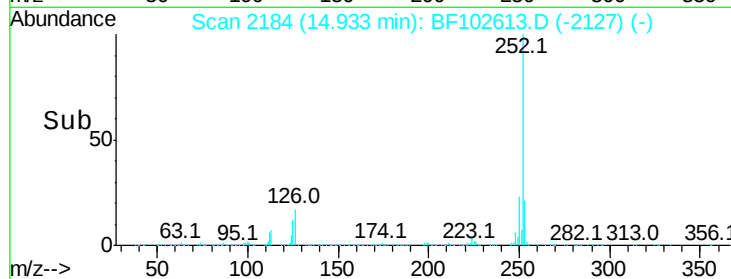
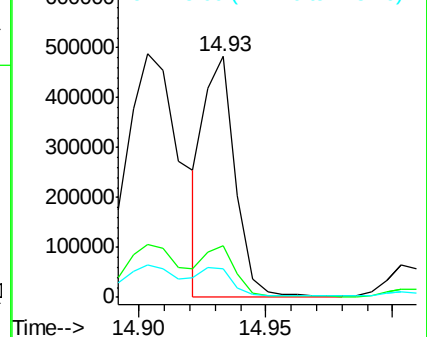
125 12.1 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 22.323 ng

RT: 14.93 min Scan# 2184

Delta R.T. 0.01 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

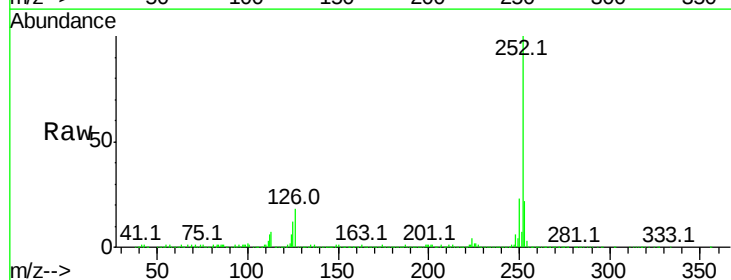
Tgt Ion:252 Resp: 412188

Ion Ratio Lower Upper

252 100

253 21.6 17.9 26.9

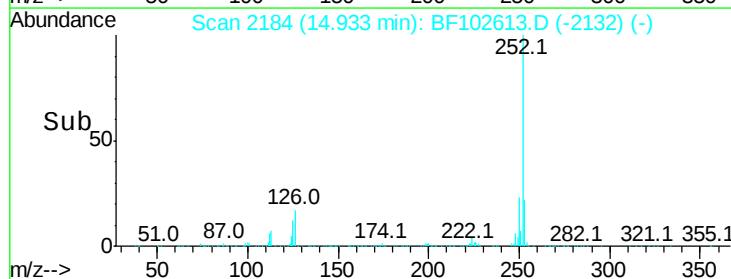
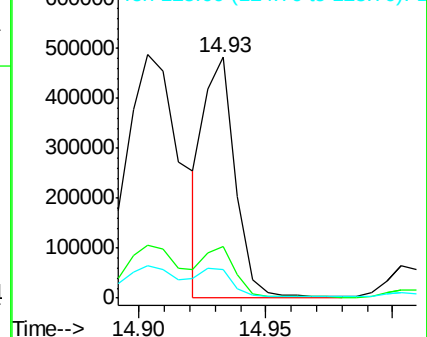
125 12.1 10.2 15.2

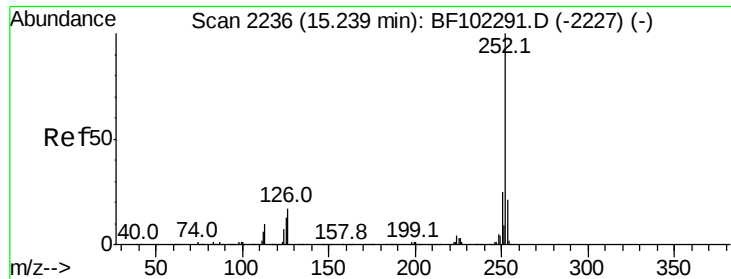


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 31.411 ng

RT: 15.26 min Scan# 2239

Delta R.T. 0.01 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

Instrument :

BNA_F

ClientSampled :

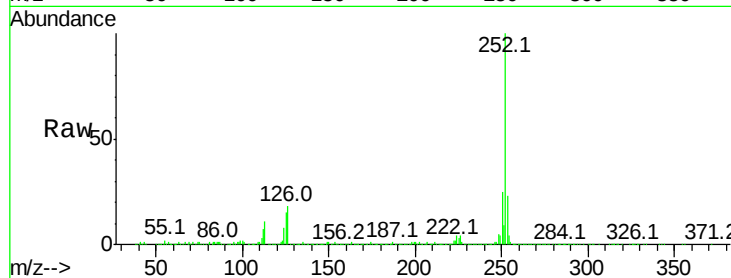
Tot Ion:252 Resp: 553680

Ion Ratio Lower Upper

252 100

253 23.2 17.1 25.7

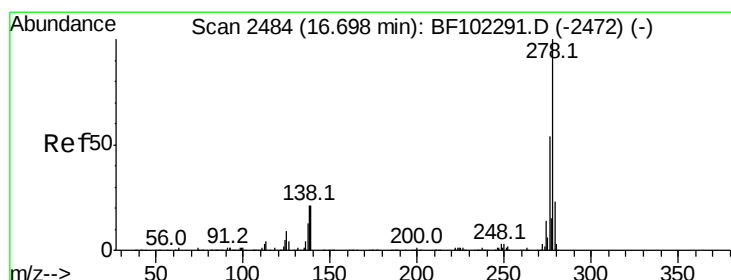
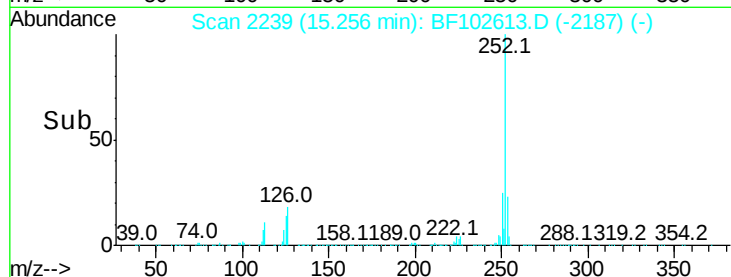
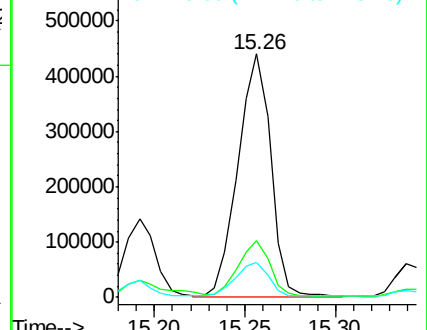
125 14.5 9.8 14.6



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: 20.146 ng

RT: 16.73 min Scan# 2489

Delta R.T. 0.01 min

Lab File: BF102613.D

Acq: 29 Jan 2018 22:38

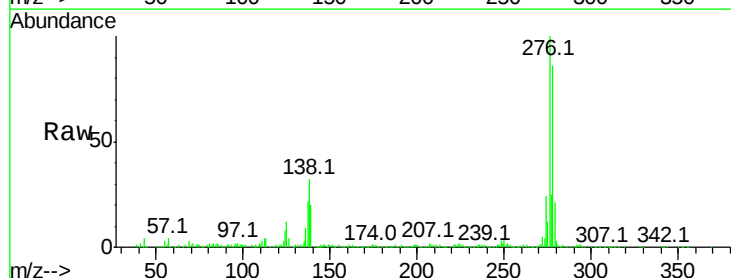
Tgt Ion:278 Resp: 287658

Ion Ratio Lower Upper

278 100

139 23.3 15.9 23.9

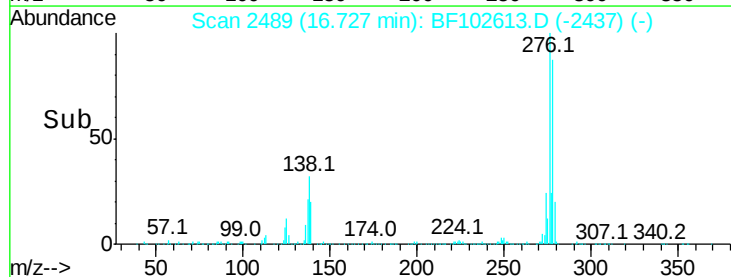
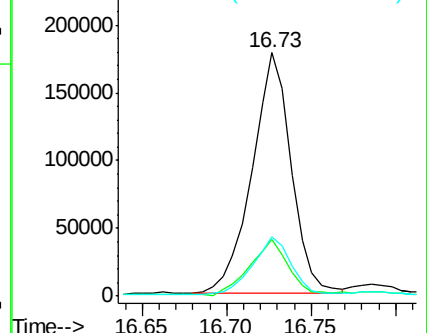
279 24.5 19.0 28.4

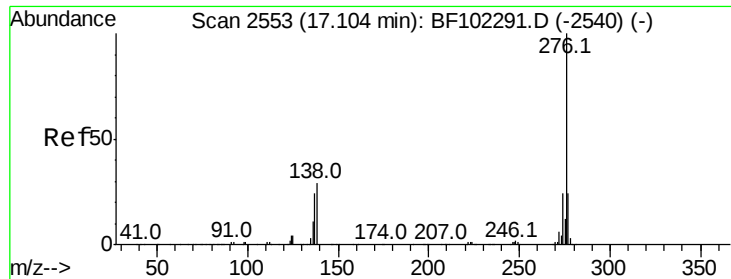


Abundance Ion 278.00 (277.70 to 278.70): E

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: 26.155 ng
 RT: 17.14 min Scan# 2560
 Delta R.T. 0.01 min
 Lab File: BF102613.D
 Acq: 29 Jan 2018 22:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.2	17.9	26.9
138	30.2	21.8	32.8

