

Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
 Data File : BF102468.D
 Acq On : 26 Jan 2018 15:06
 Operator : SJ/JU
 Sample : J1257-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 26 16:21:45 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 26 16:18:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	152820	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	617602	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	249453	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	287304	20.00	ng	0.02
75) Chrysene-d12	13.95	240	109108	20.00	ng	0.07
86) Perylene-d12	15.41	264	140787	20.00	ng	0.11

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	207292	20.57	ng	0.00
7) Phenol-d6	6.37	99	248967	20.49	ng	0.00
23) Nitrobenzene-d5	7.29	82	142860	13.29	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	32750	13.25	ng	0.01
44) 2-Fluorobiphenyl	9.07	172	253456	14.94	ng	0.00
78) Terphenyl-d14	12.86	244	98458	20.34	ng	0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.34	88	161104	33.642	ng	97
3) Pyridine	3.06	79	453851	36.266	ng	95
4) n-Nitrosodimethylamine	3.02	42	226904	46.249	ng	98
6) Aniline	6.39	93	291818	18.157	ng	# 40
8) 2-Chlorophenol	6.51	128	457744	43.326	ng	97
9) Benzaldehyde	6.27	77	226470	31.228	ng	# 72
10) Phenol	6.38	94	613611	46.257	ng	93
11) bis(2-Chloroethyl)ether	6.46	93	440013	43.612	ng	98
12) 1,3-Dichlorobenzene	6.66	146	469496	37.365	ng	98
13) 1,4-Dichlorobenzene	6.74	146	470612	37.389	ng	98
14) 1,2-Dichlorobenzene	6.89	146	452534	39.306	ng	100
15) Benzyl Alcohol	6.87	79	355454	41.461	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	631897	37.343	ng	60
17) 2-Methylphenol	6.99	107	341294	37.195	ng	# 88
18) Hexachloroethane	7.23	117	135400	30.870	ng	96
19) n-Nitroso-di-n-propylamine	7.14	70	307154	41.306	ng	99
20) 3+4-Methylphenols	7.15	107	451697	41.856	ng	96
22) Acetophenone	7.13	105	620199	42.126	ng	99
24) Nitrobenzene	7.31	77	429880	39.086	ng	94
25) Isophorone	7.55	82	811931	42.378	ng	98
26) 2-Nitrophenol	7.62	139	119057	20.568	ng	98
27) 2,4-Dimethylphenol	7.67	122	385922	45.915	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	523368	44.220	ng	# 90
29) 2,4-Dichlorophenol	7.87	162	369635	43.173	ng	97
30) 1,2,4-Trichlorobenzene	7.95	180	345101	37.602	ng	98
31) Naphthalene	8.03	128	1536736	49.836	ng	99
32) Benzoic acid	7.77	122	16964	2.409	ng	# 27
33) 4-Chloroaniline	8.10	127	310345	23.934	ng	100
34) Hexachlorobutadiene	8.14	225	180076	36.736	ng	99
35) Caprolactam	8.46	113	114037	40.330	ng	# 69
36) 4-Chloro-3-methylphenol	8.58	107	353148	39.131	ng	97
37) 2-Methylnaphthalene	8.72	142	968438	47.158	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	297263	39.608	ng	98
42) 2,4,6-Trichlorophenol	9.00	196	203587	40.522	ng	98

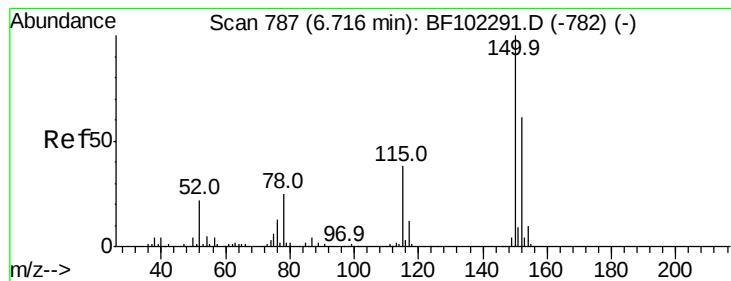
Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.05	196	207737	36.724	nq	96
45) 1,1'-Biphenyl	9.19	154	930291	41.707	nq	99
46) 2-Chloronaphthalene	9.21	162	659361	38.031	nq	99
47) 2-Nitroaniline	9.32	65	251396	46.510	nq	98
48) Acenaphthylene	9.62	152	1156244	42.807	nq	97
49) Dimethylphthalate	9.49	163	1022488	49.590	nq	100
50) 2,6-Dinitrotoluene	9.56	165	119204	26.815	nq #	84
51) Acenaphthene	9.80	154	807560	51.192	nq	100
52) 3-Nitroaniline	9.73	138	200556	38.137	nq	92
53) 2,4-Dinitrophenol	9.84	184	108	3.747	nq #	1
54) Dibenzofuran	9.97	168	1189941	55.736	nq	96
55) 4-Nitrophenol	9.90	139	204604	58.940	nq	95
56) 2,4-Dinitrotoluene	9.96	165	114883	21.015	nq #	88
57) Fluorene	10.32	166	1093734	64.651	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	133539	33.063	nq	99
59) Diethylphthalate	10.19	149	715376	35.704	nq	97
60) 4-Chlorophenyl-phenylether	10.30	204	265015	36.132	nq	98
61) 4-Nitroaniline	10.34	138	193945	36.959	nq	94
62) Azobenzene	10.46	77	782447	42.653	nq	88
65) n-Nitrosodiphenylamine	10.42	169	572910	54.329	nq	99
66) 4-Bromophenyl-phenylether	10.79	248	146216	47.276	nq	98
67) Hexachlorobenzene	10.87	284	139191	40.241	nq	98
68) Atrazine	10.98	200	147304	47.297	nq	92
69) Pentachlorophenol	11.07	266	117404	64.612	nq	98
70) Phenanthrene	11.30	178	3689030	220.348	nq	99
71) Anthracene	11.35	178	2011047	117.686	nq	99
72) Carbazole	11.50	167	882582	52.941	nq	97
73) Di-n-butylphthalate	11.82	149	803562	38.562	nq	98
74) Fluoranthene	12.51	202	3567010	208.932	nq	98
77) Pyrene	12.74	202	2845163	337.271	nq	98
79) Butylbenzylphthalate	13.33	149	206319	49.145	nq	93
80) Benzo(a)anthracene	13.93	228	1698416	252.837	nq #	93
81) 3,3'-Dichlorobenzidine	13.89	252	42718	17.336	nq #	72
82) Chrysene	13.98	228	997995	146.302	nq #	95
83) Bis(2-ethylhexyl)phthalate	13.90	149	378533	67.094	nq #	96
84) Di-n-octyl phthalate	14.52	149	408696	44.544	nq #	83
85) Indeno(1,2,3-cd)pyrene	16.86	276	1235457	219.300	nq #	92
87) Benzo(b)fluoranthene	15.00	252	2245316	246.059	nq #	91
88) Benzo(k)fluoranthene	15.00	252	2245316	260.441	nq #	93
89) Benzo(a)pyrene	15.37	252	1287450	156.437	nq #	91
90) Dibenzo(a,h)anthracene	16.86	278	499255	74.889	nq #	89
91) Benzo(g,h,i)perylene	17.29	276	1108186	168.353	nq	95

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

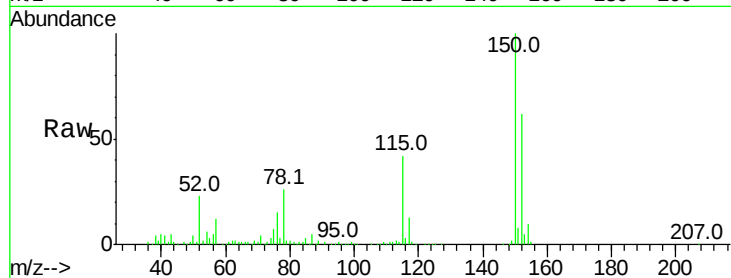


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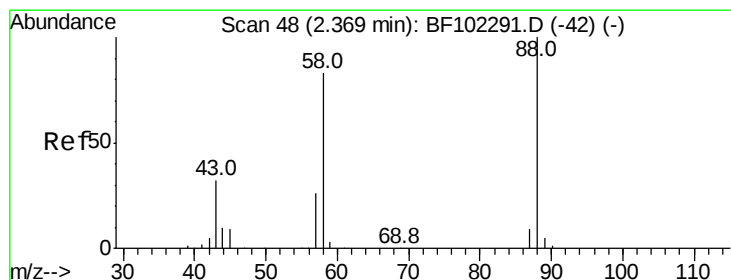
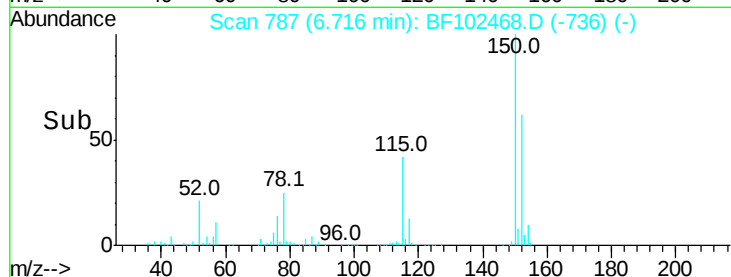
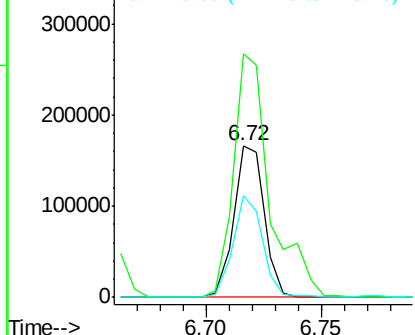
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102468.D
Acq: 26 Jan 2018 15:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 152820
Ion Ratio Lower Upper
152 100
150 160.6 124.6 186.8
115 67.4 50.1 75.1



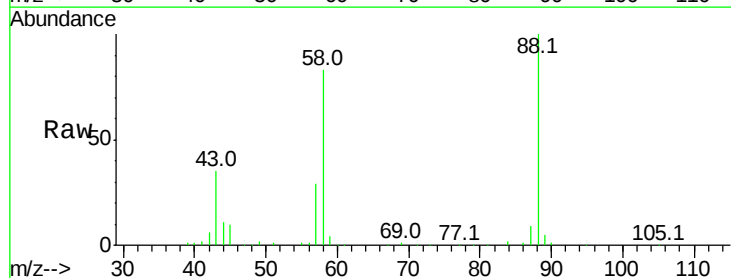
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



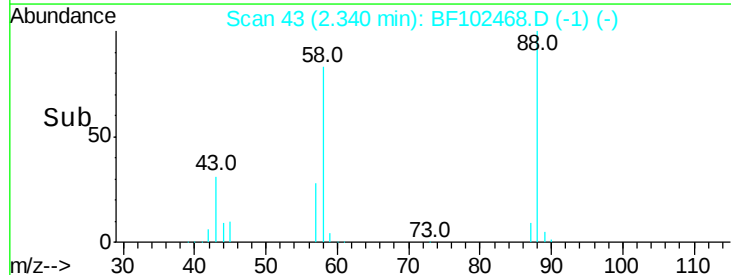
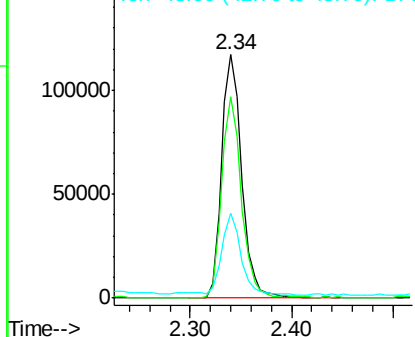
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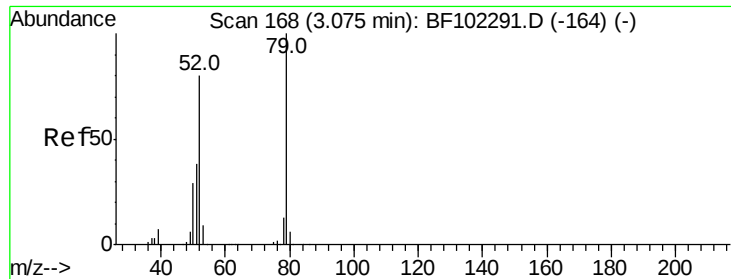
1,4-Dioxane
Concen: 33.642 ng
RT: 2.34 min Scan# 43
Delta R.T. -0.03 min
Lab File: BF102468.D
Acq: 26 Jan 2018 15:06

Tgt Ion: 88 Resp: 161104
Ion Ratio Lower Upper
88 100
58 81.2 62.6 93.8
43 32.4 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

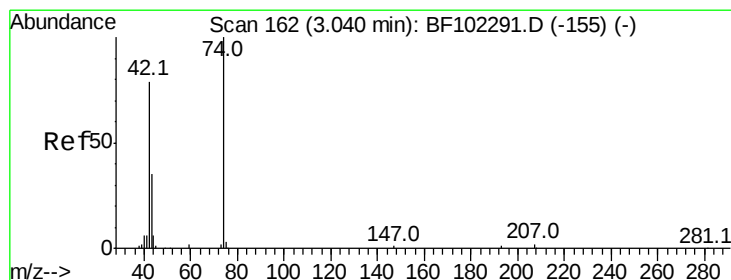
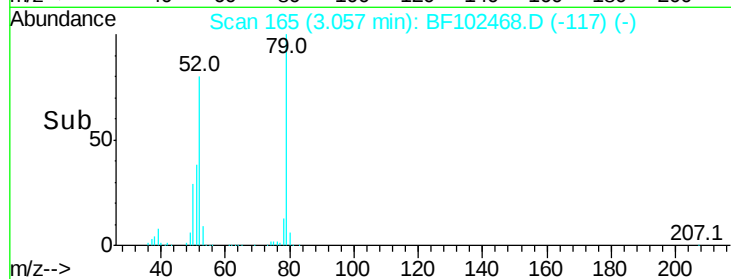
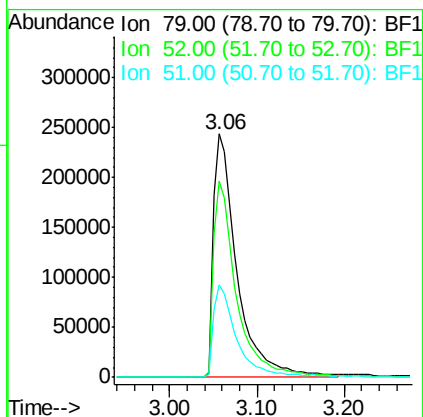
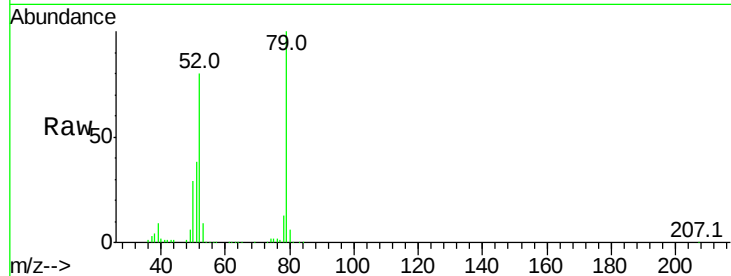




#3
 Pvridine
 Concen: 36.266 ng
 RT: 3.06 min Scan# 165
 Delta R.T. -0.02 min
 Lab File: BF102468.D
 Acq: 26 Jan 2018 15:06

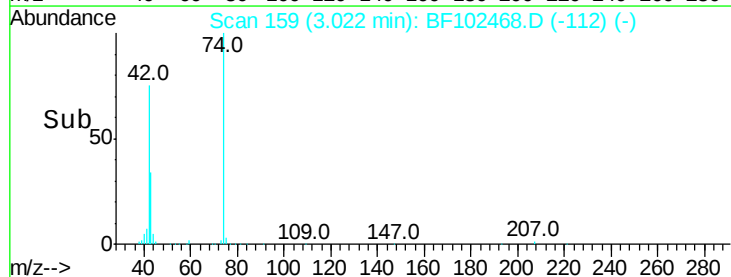
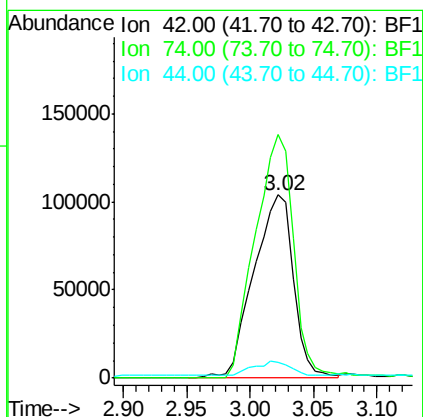
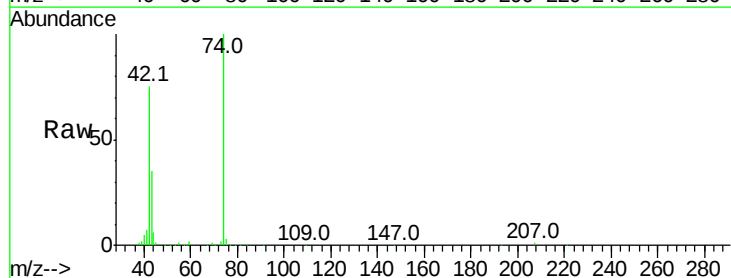
Instrument :
 BNA_F
 ClientSampleId :

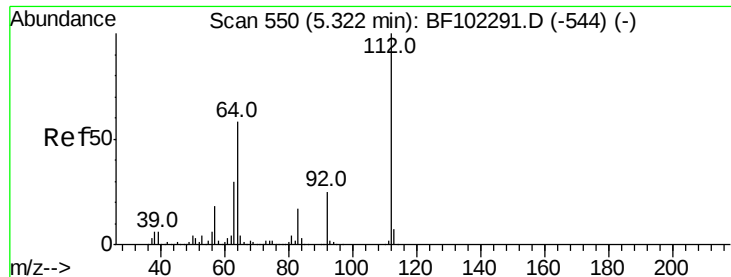
Tot Ion: 79 Resp: 453851
 Ion Ratio Lower Upper
 79 100
 52 80.4 59.8 89.6
 51 37.9 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 46.249 ng
 RT: 3.02 min Scan# 159
 Delta R.T. -0.02 min
 Lab File: BF102468.D
 Acq: 26 Jan 2018 15:06

Tgt Ion: 42 Resp: 226904
 Ion Ratio Lower Upper
 42 100
 74 133.0 104.9 157.3
 44 8.3 6.9 10.3





#5

2-Fluorophenol

Concen: 20.567 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

Instrument :

BNA_F

ClientSampled :

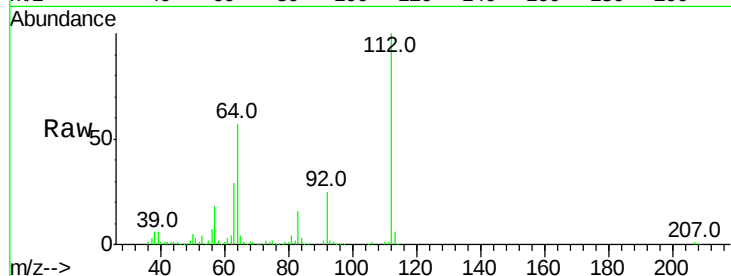
Tot Ion:112 Resp: 207292

Ion Ratio Lower Upper

112 100

64 56.5 47.9 71.9

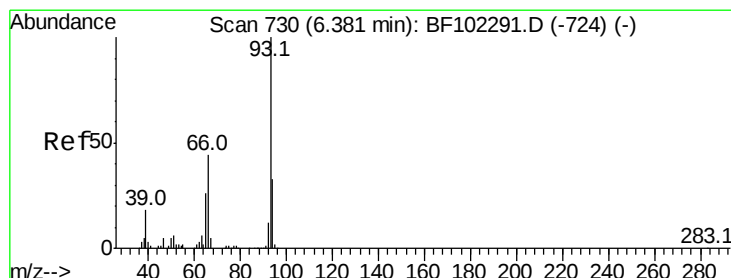
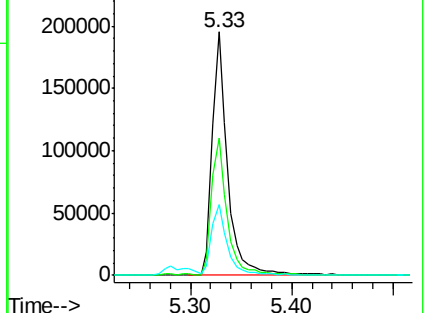
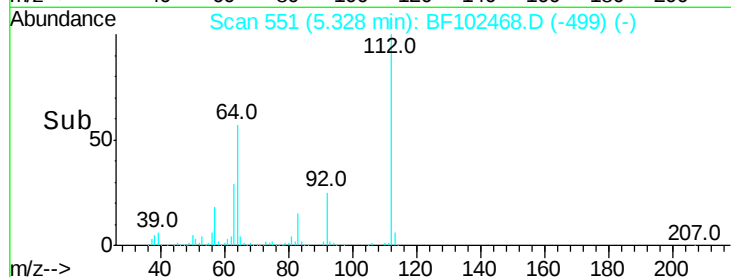
63 29.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 18.157 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

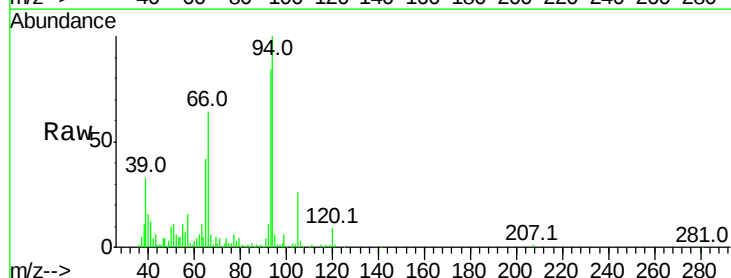
Tgt Ion: 93 Resp: 291818

Ion Ratio Lower Upper

93 100

66 75.9 32.2 48.2#

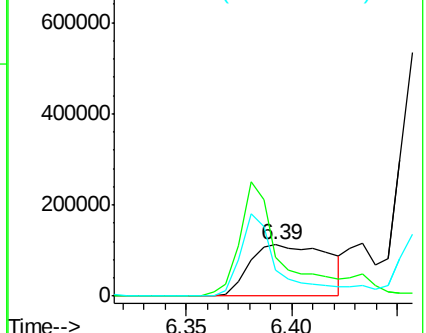
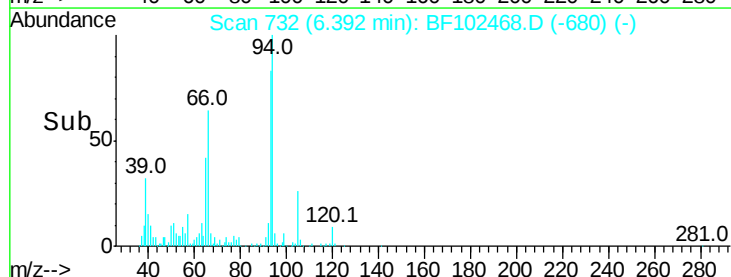
65 50.5 16.4 24.6#

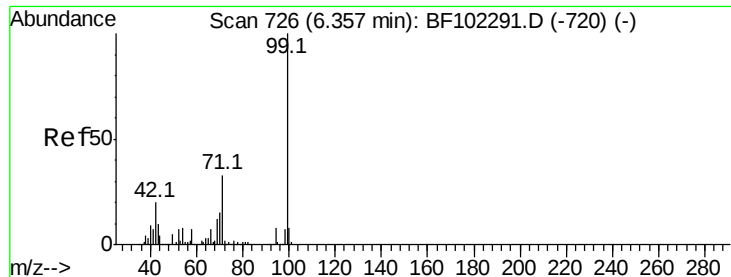


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 20.490 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

Instrument :

BNA_F

ClientSampleId :

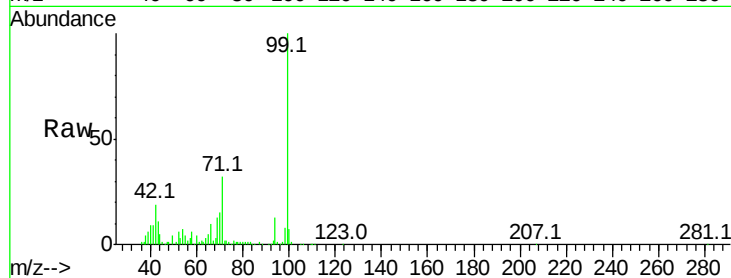
Tot Ion: 99 Resp: 248967

Ion Ratio Lower Upper

99 100

42 19.1 14.5 21.7

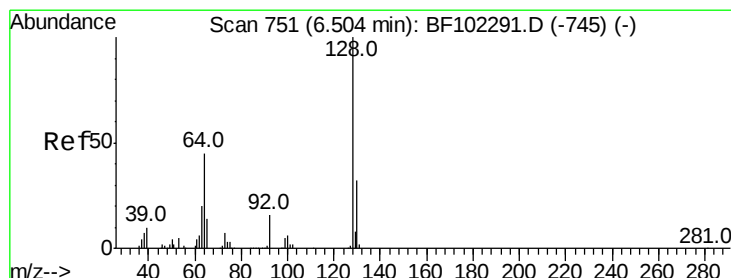
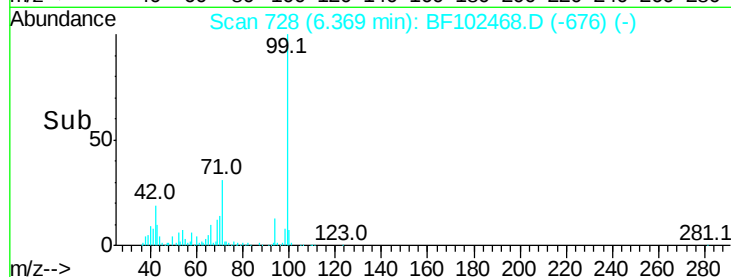
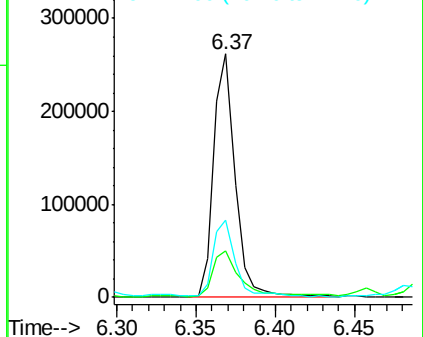
71 31.7 25.4 38.0



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: 43.326 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

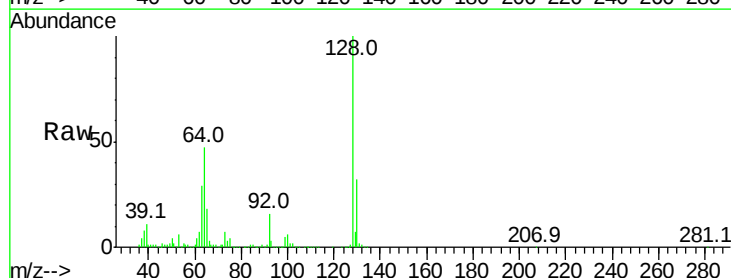
Tgt Ion: 128 Resp: 457744

Ion Ratio Lower Upper

128 100

130 32.1 13.0 53.0

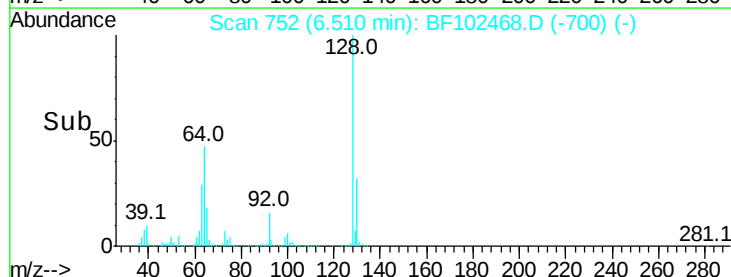
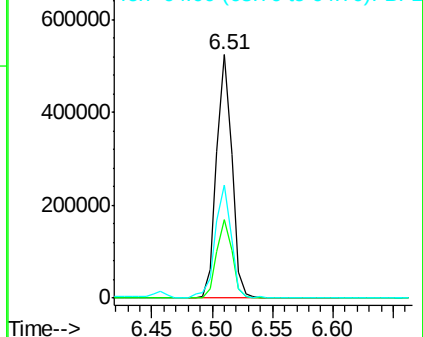
64 46.6 29.4 69.4

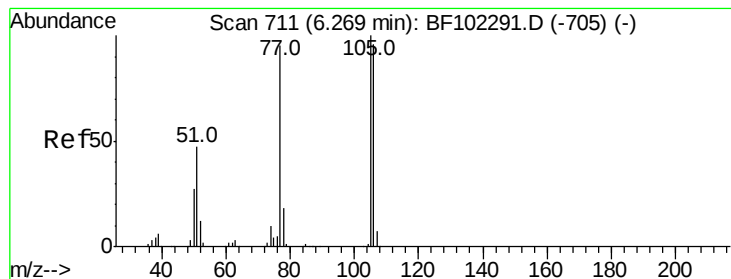


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 31.228 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

Instrument :

BNA_F

ClientSampleId :

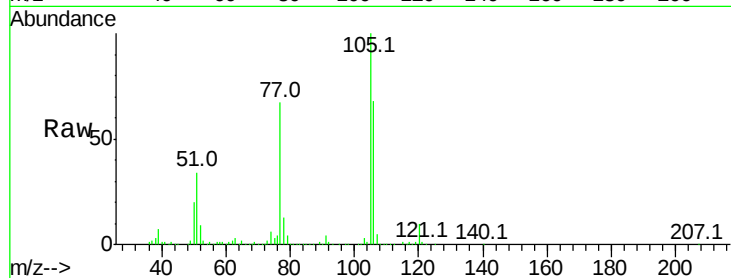
Tot Ion: 77 Resp: 226470

Ion Ratio Lower Upper

77 100

105 149.0 81.1 121.1#

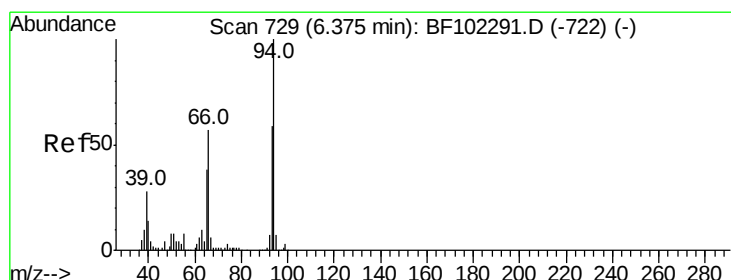
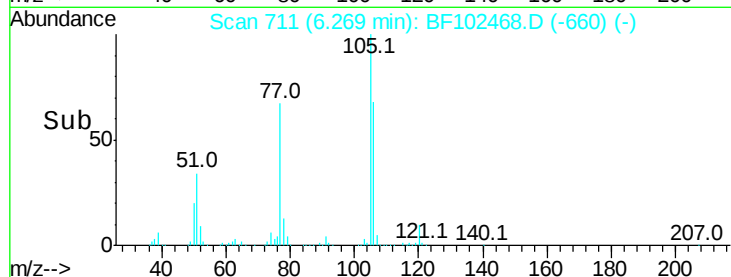
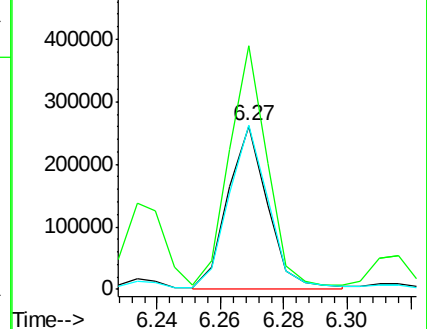
106 100.7 74.5 114.5



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: 46.257 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

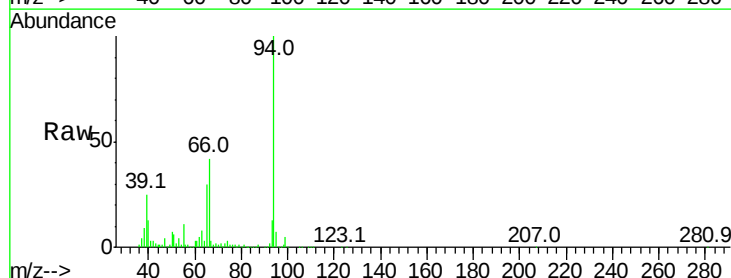
Tgt Ion: 94 Resp: 613611

Ion Ratio Lower Upper

94 100

65 30.1 7.9 47.9

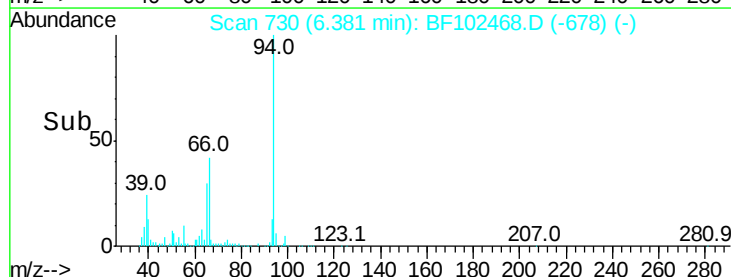
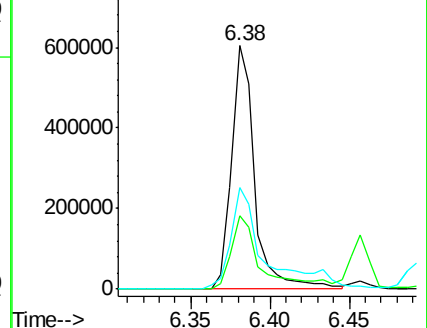
66 41.6 16.2 56.2

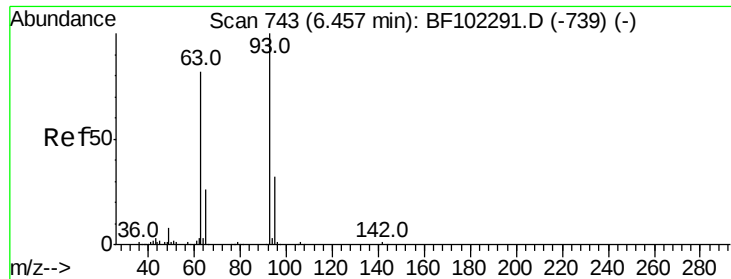


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



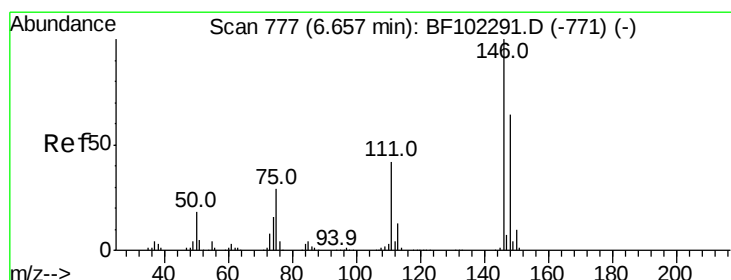
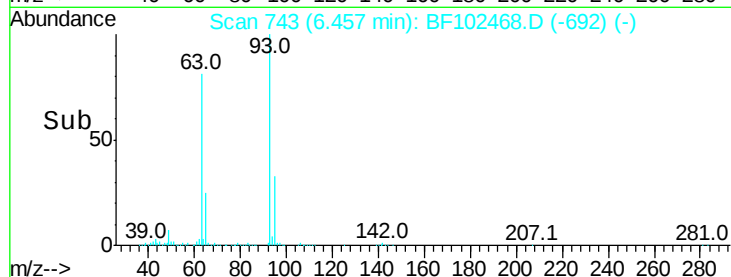
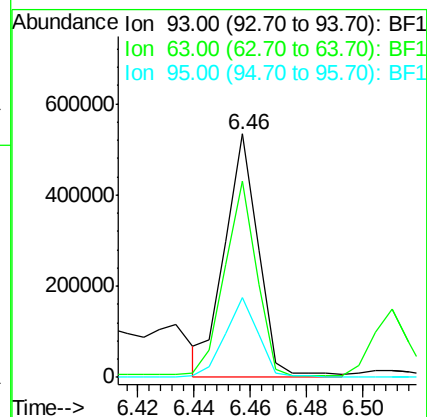
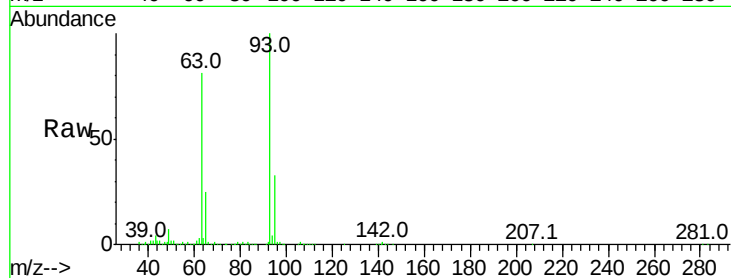


#11
 bis(2-Chloroethyl)ether
 Concen: 43.612 ng
 RT: 6.46 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF102468.D
 Acq: 26 Jan 2018 15:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 93 Resp: 440013

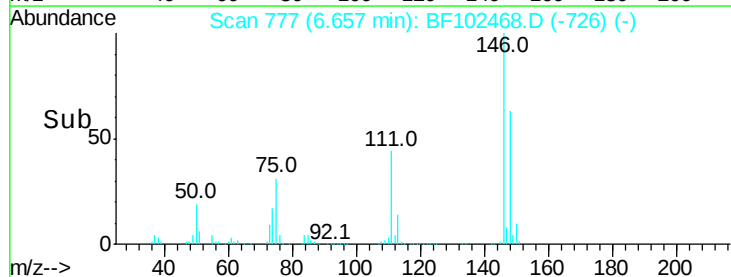
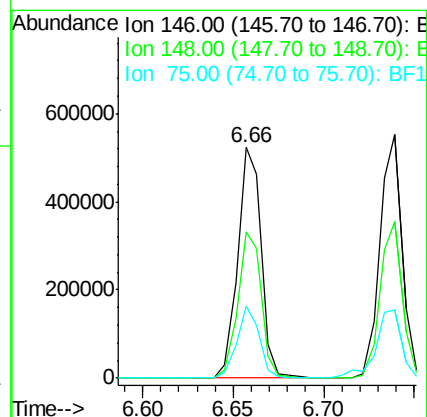
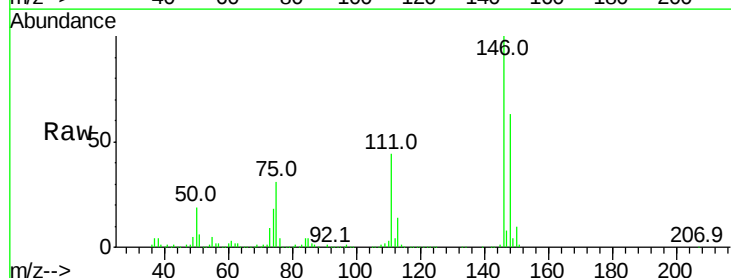
Ion	Ratio	Lower	Upper
93	100		
63	80.8	58.6	98.6
95	32.7	11.8	51.8

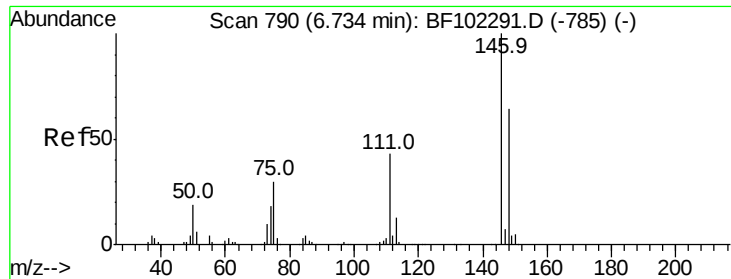


#12
 1,3-Dichlorobenzene
 Concen: 37.365 ng
 RT: 6.66 min Scan# 777
 Delta R.T. -0.00 min
 Lab File: BF102468.D
 Acq: 26 Jan 2018 15:06

Tgt Ion: 146 Resp: 469496

Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.8	77.8
75	31.0	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 37.389 ng

RT: 6.74 min Scan# 791

Delta R.T. 0.01 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

Instrument :

BNA_F

ClientSampleId :

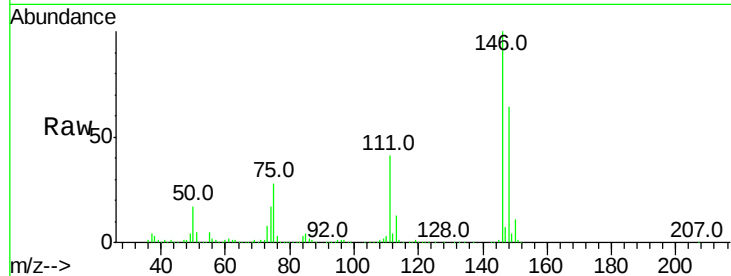
Tot Ion:146 Resp: 470612

Ion Ratio Lower Upper

146 100

148 64.3 50.8 76.2

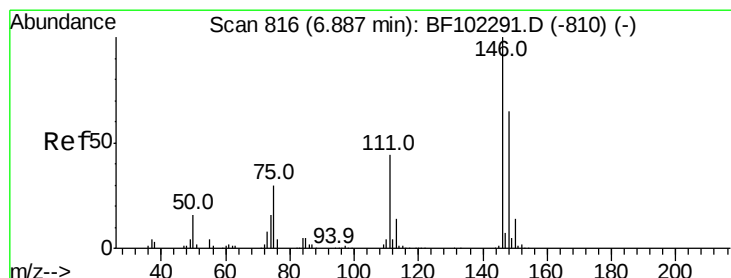
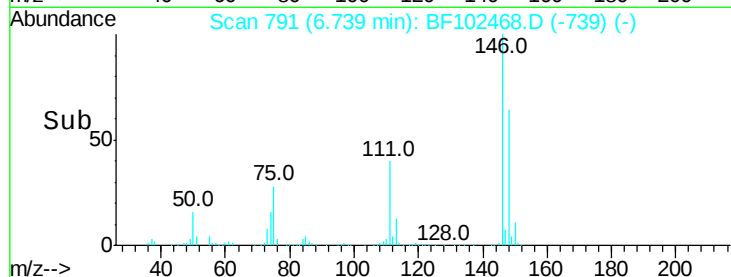
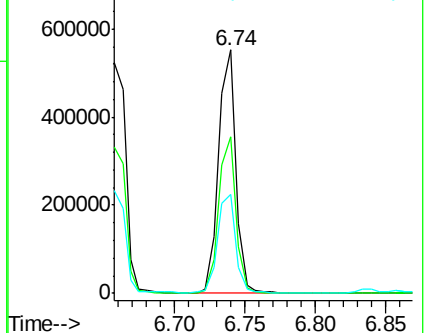
111 40.5 34.2 51.2



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: 39.306 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

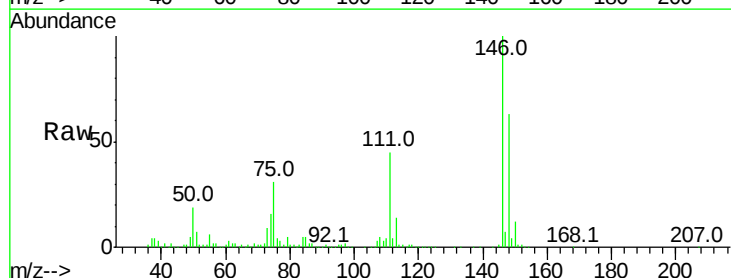
Tgt Ion:146 Resp: 452534

Ion Ratio Lower Upper

146 100

148 63.0 50.6 75.8

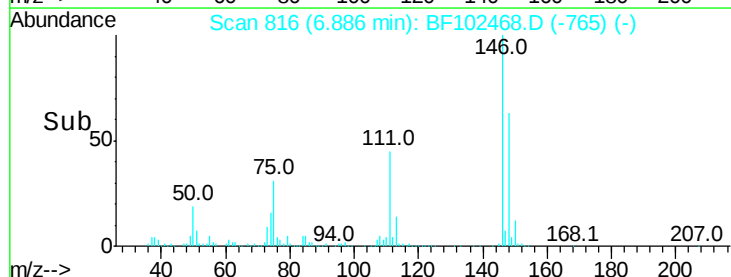
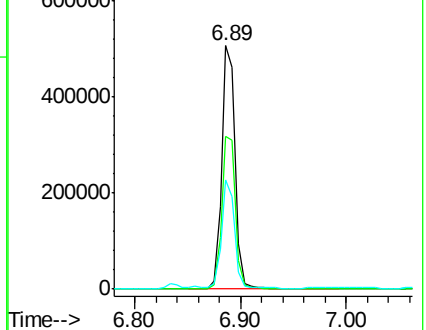
111 45.0 36.0 54.0

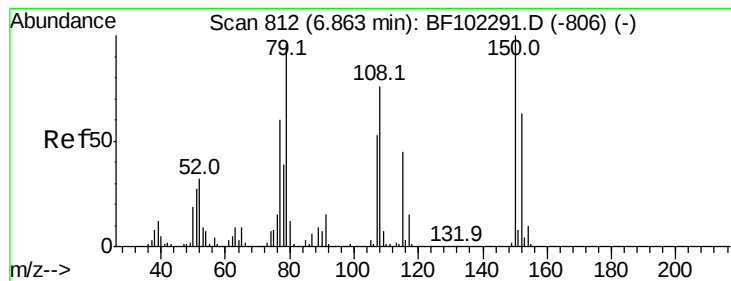


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.461 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.01 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

Instrument :

BNA_F

ClientSampled :

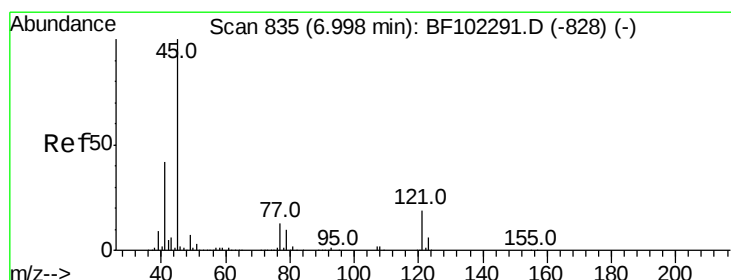
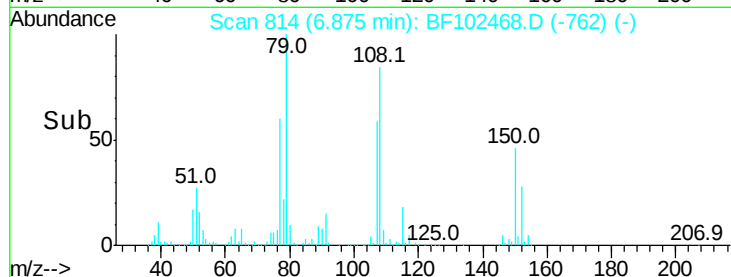
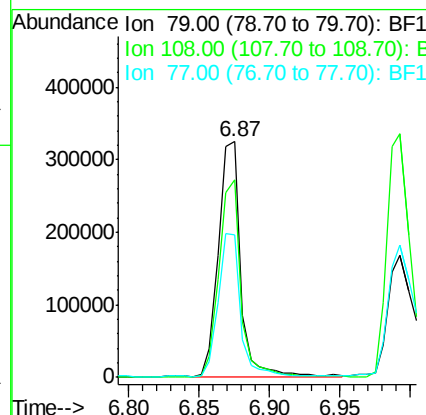
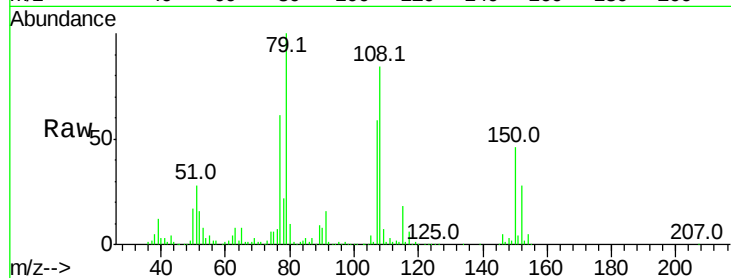
Tot Ion: 79 Resp: 355454

Ion Ratio Lower Upper

79 100

108 83.9 65.1 97.7

77 60.6 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.343 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.00 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

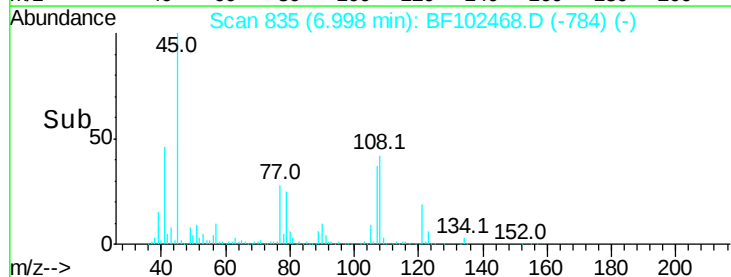
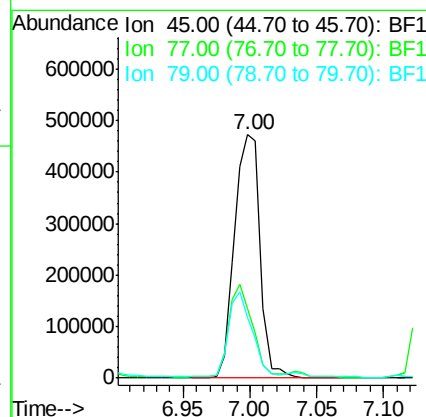
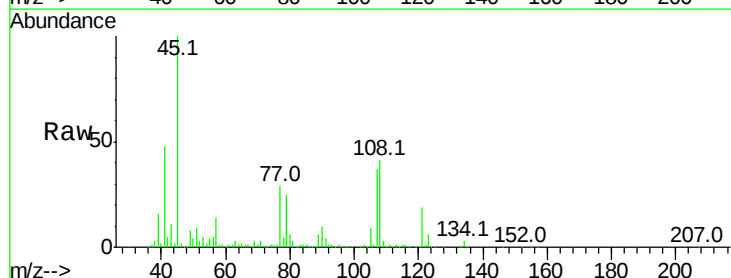
Tgt Ion: 45 Resp: 631897

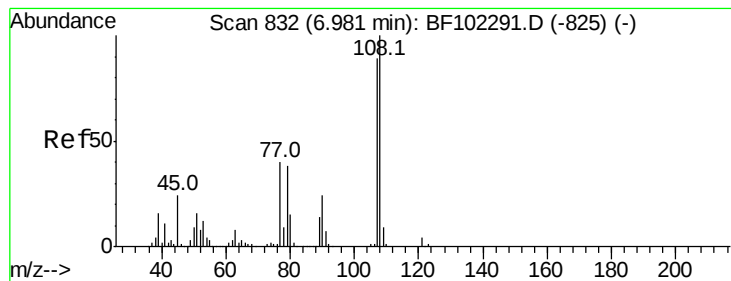
Ion Ratio Lower Upper

45 100

77 28.5 0.0 32.9

79 25.0 0.0 29.6

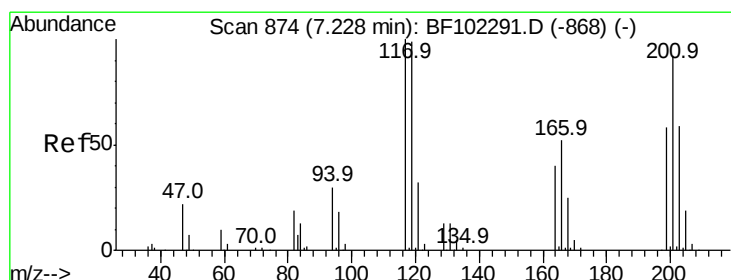
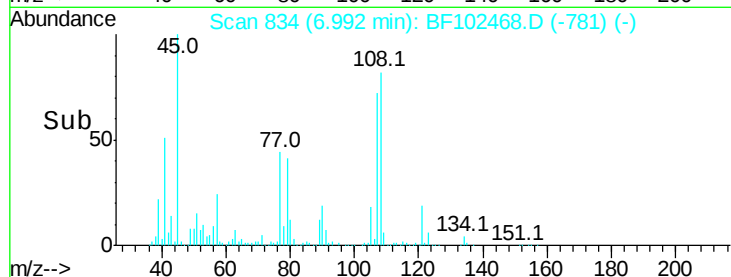
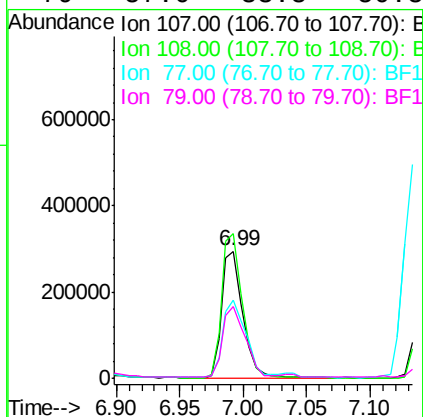
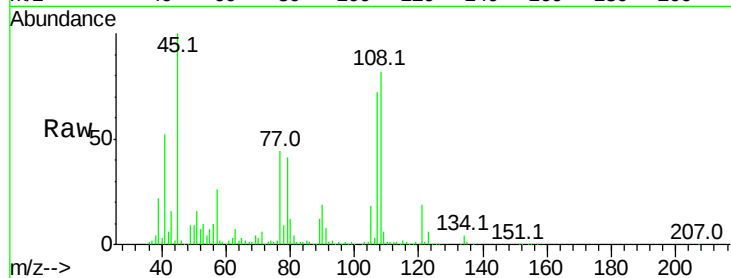




#17
2-Methylphenol
Concen: 37.195 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.01 min
Lab File: BF102468.D
Acq: 26 Jan 2018 15:06

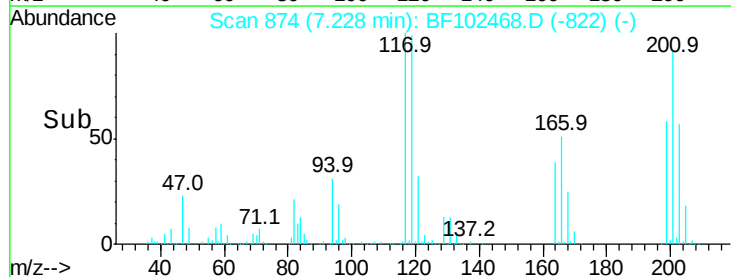
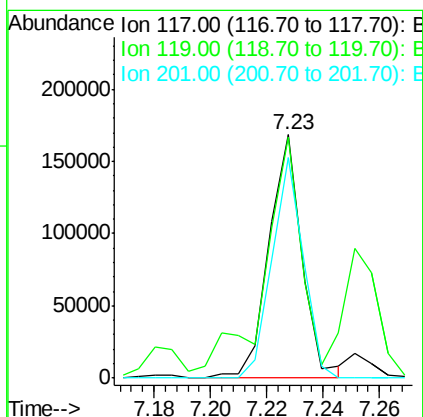
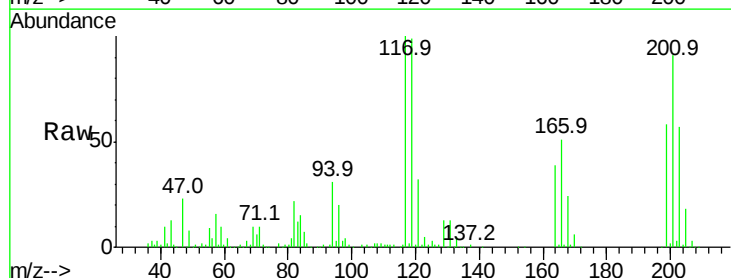
Instrument :
BNA_F
ClientSampleId :

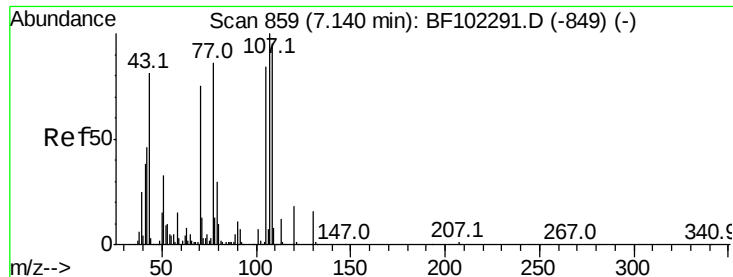
Tot Ion:107 Resp: 341294
Ion Ratio Lower Upper
107 100
108 114.1 91.7 137.5
77 61.7 33.8 50.8#
79 57.0 33.8 50.8#



#18
Hexachloroethane
Concen: 30.870 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF102468.D
Acq: 26 Jan 2018 15:06

Tgt Ion:117 Resp: 135400
Ion Ratio Lower Upper
117 100
119 99.2 75.8 113.8
201 90.7 75.7 113.5

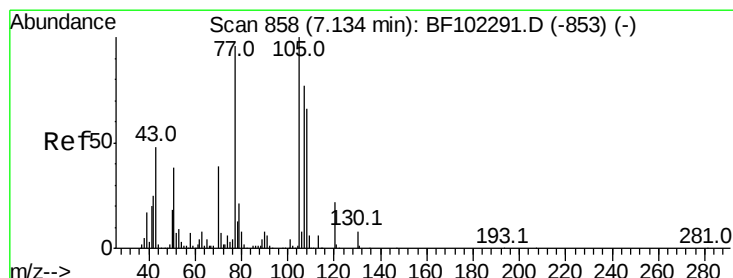
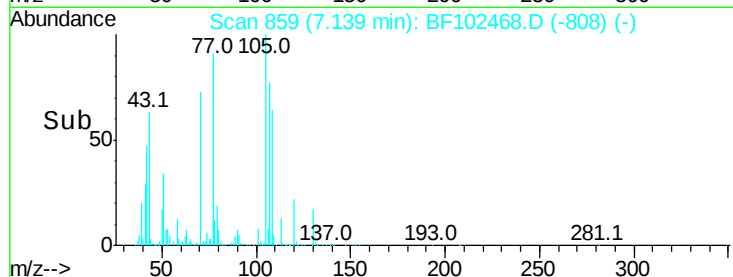
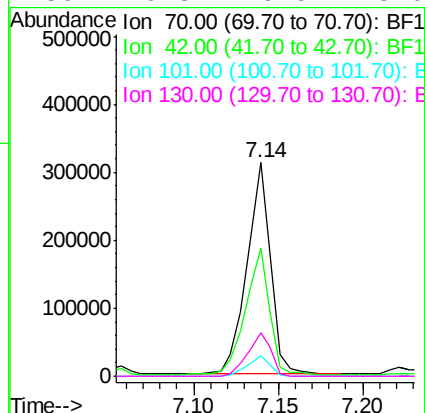
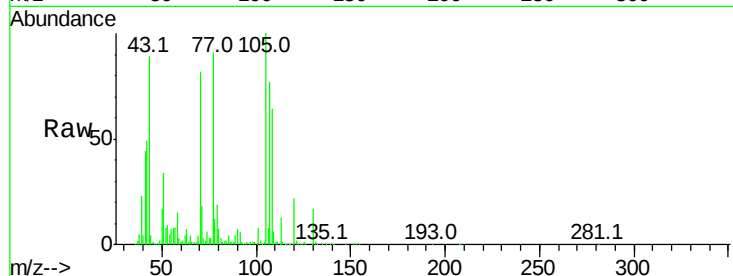




#19
n-Nitroso-di-n-propylamine
Concen: 41.306 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF102468.D
Acq: 26 Jan 2018 15:06

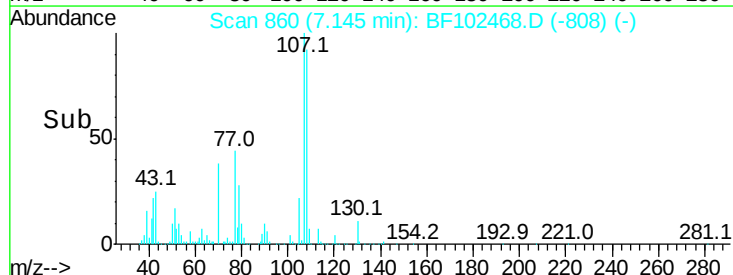
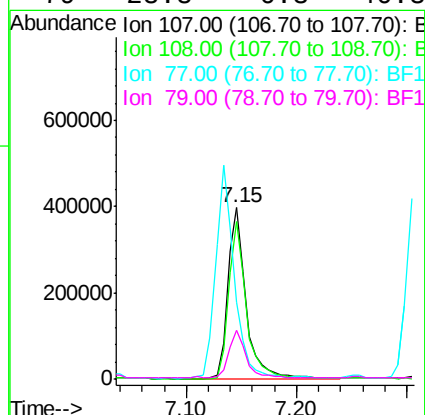
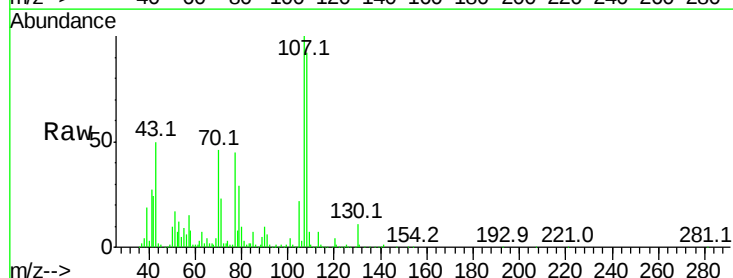
Instrument :
BNA_F
ClientSampleId :

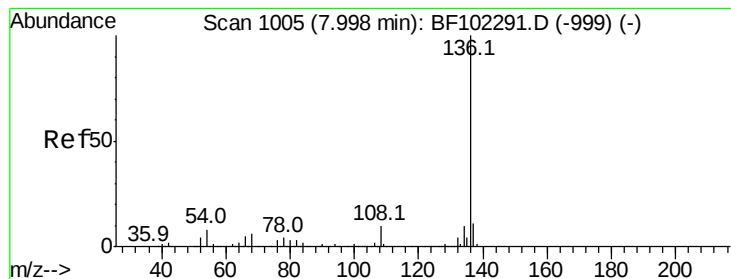
Tot Ion: 70 Resp: 307154
Ion Ratio Lower Upper
70 100
42 59.9 47.5 71.3
101 9.5 7.4 11.2
130 20.3 16.6 25.0



#20
3+4-Methylphenols
Concen: 41.856 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF102468.D
Acq: 26 Jan 2018 15:06

Tgt Ion:107 Resp: 451697
Ion Ratio Lower Upper
107 100
108 92.1 68.2 108.2
77 44.6 26.7 66.7
79 28.8 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.01 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 617602

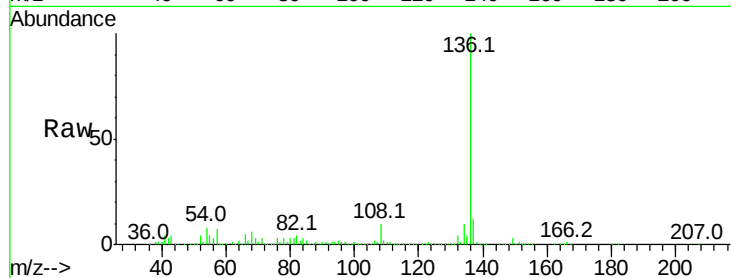
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 8.3 6.6 9.8

68 6.1 5.0 7.4

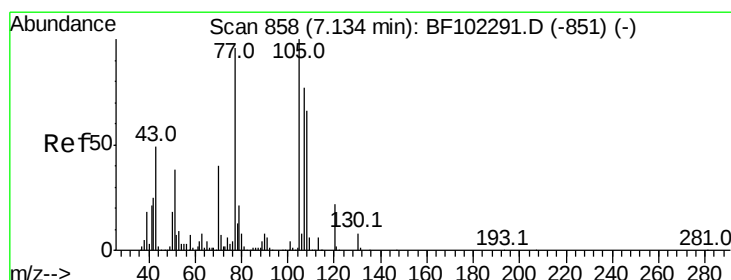
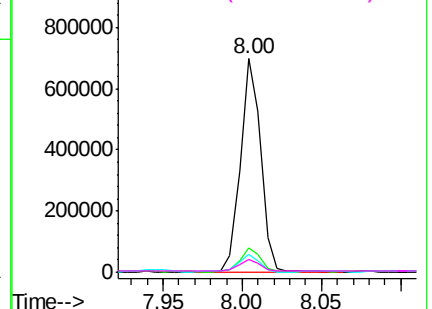
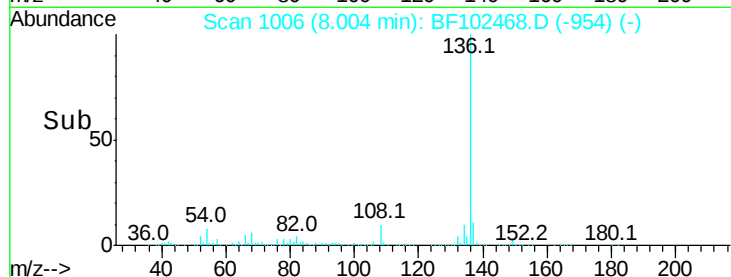


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.126 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

Tgt Ion:105 Resp: 620199

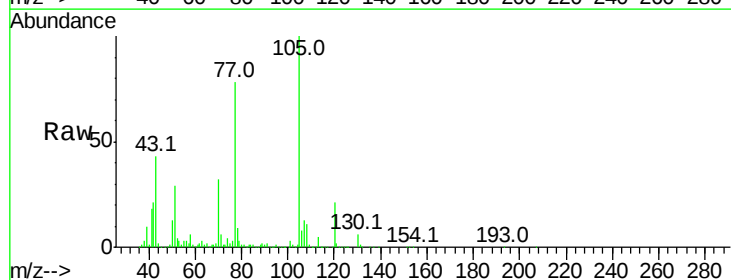
Ion Ratio Lower Upper

105 100

71 6.0 4.4 6.6

51 28.5 22.3 33.5

120 21.2 16.9 25.3

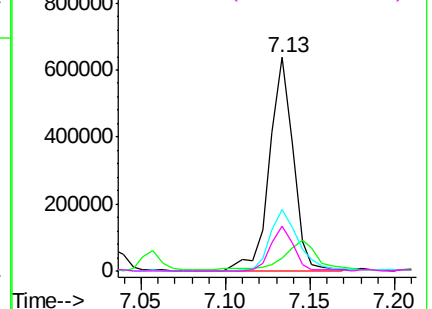
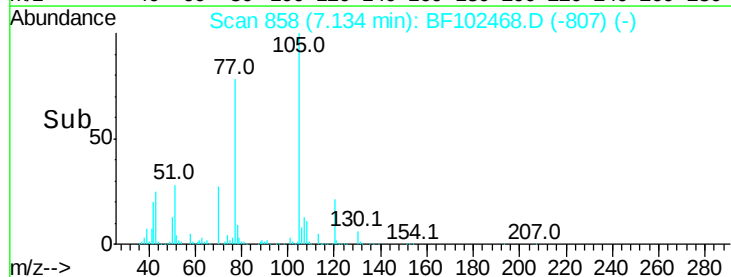


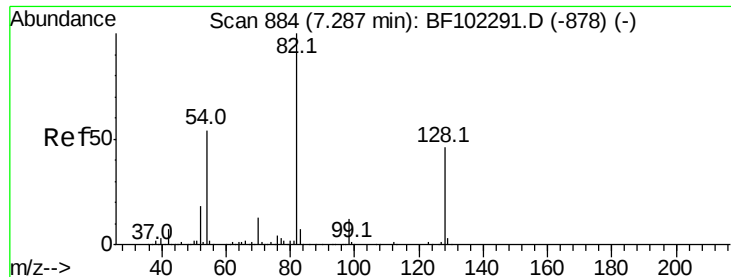
Abundance Ion 105.00 (104.70 to 105.70): E

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

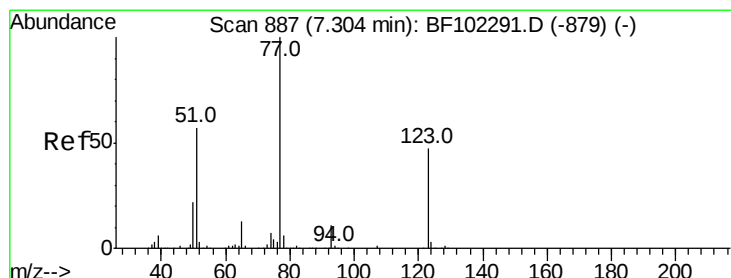
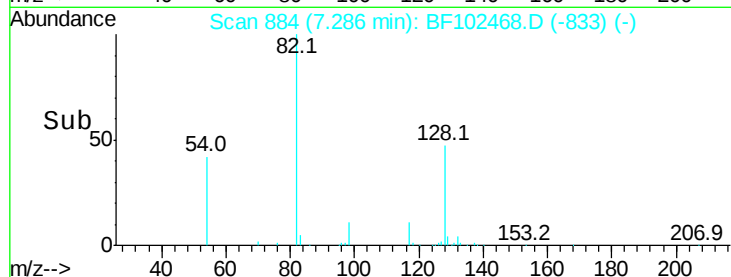
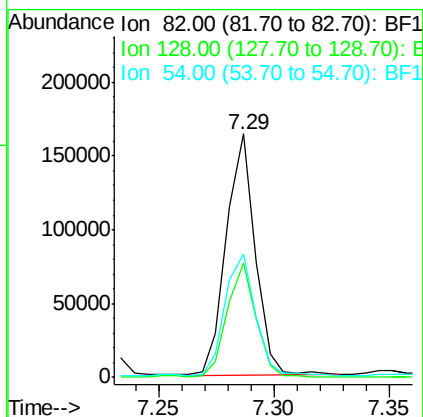
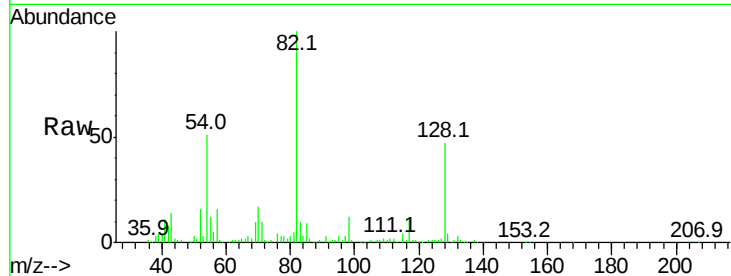




#23
Nitrobenzene-d5
Concen: 13.293 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF102468.D
Acq: 26 Jan 2018 15:06

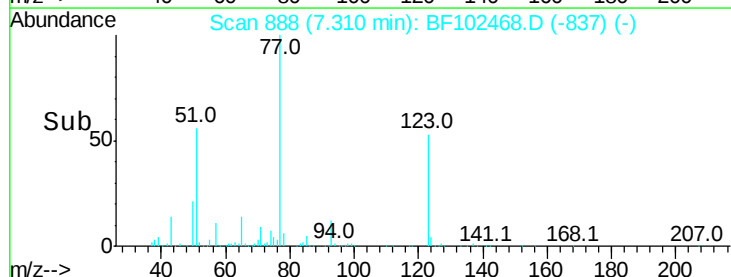
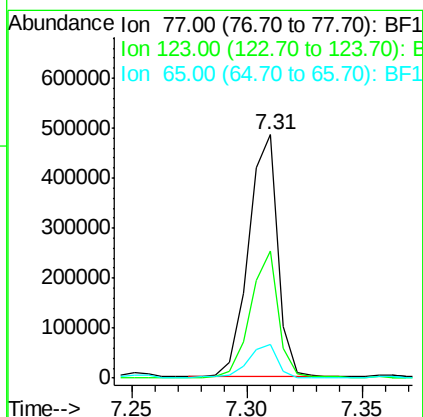
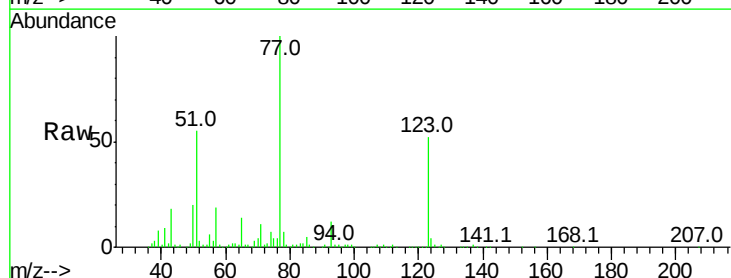
Instrument :
BNA_F
ClientSampled :

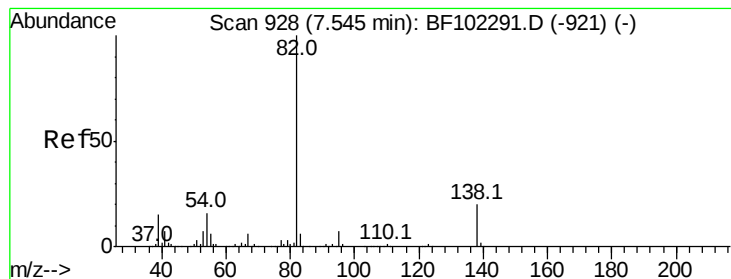
Tot Ion: 82 Resp: 142860
Ion Ratio Lower Upper
82 100
128 46.7 36.1 54.1
54 50.6 41.4 62.2



#24
Nitrobenzene
Concen: 39.086 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF102468.D
Acq: 26 Jan 2018 15:06

Tgt Ion: 77 Resp: 429880
Ion Ratio Lower Upper
77 100
123 52.4 37.9 56.9
65 13.8 11.0 16.4





#25

Isophorone

Concen: 42.378 ng

RT: 7.55 min Scan# 928

Delta R.T. -0.00 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

Instrument :

BNA_F

ClientSampleId :

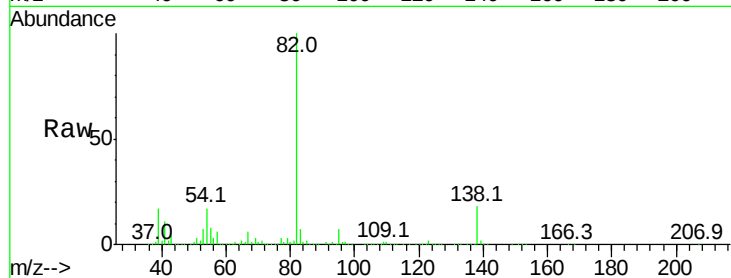
Tot Ion: 82 Resp: 811931

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

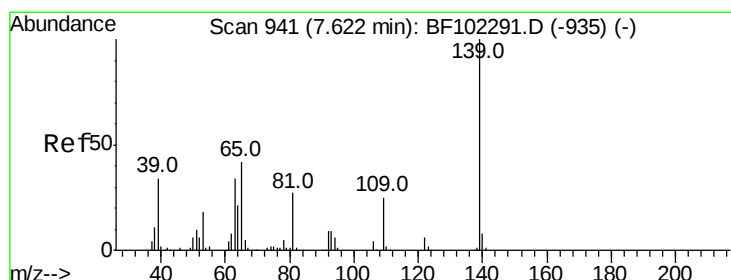
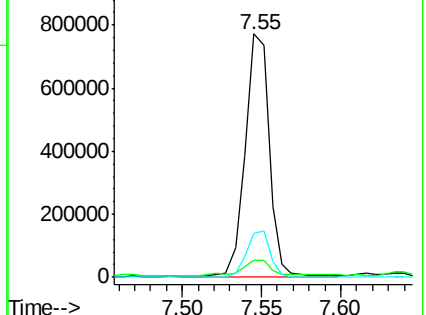
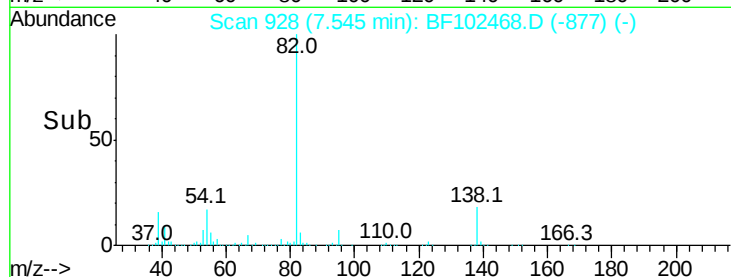
138 17.9 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 20.568 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

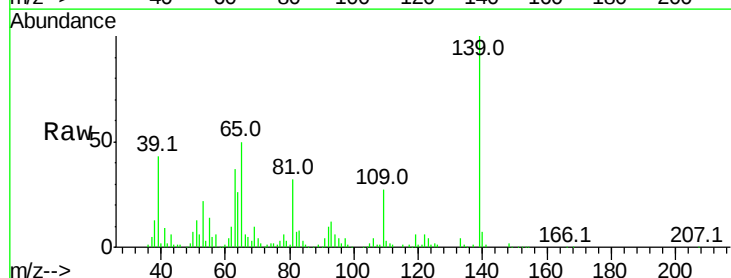
Tgt Ion: 139 Resp: 119057

Ion Ratio Lower Upper

139 100

109 26.9 22.7 34.1

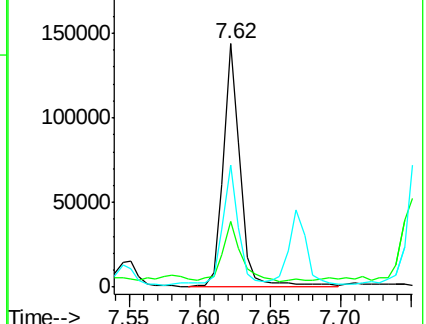
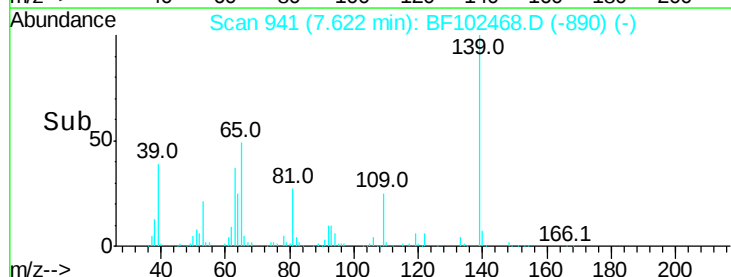
65 50.0 40.5 60.7

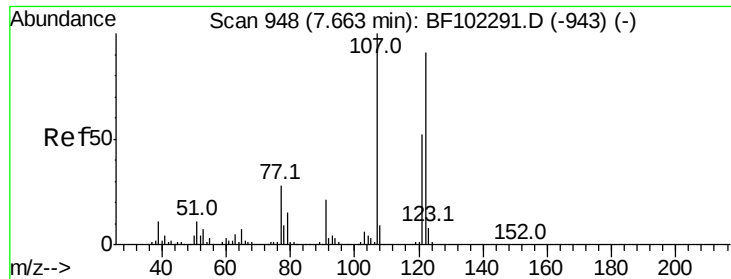


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

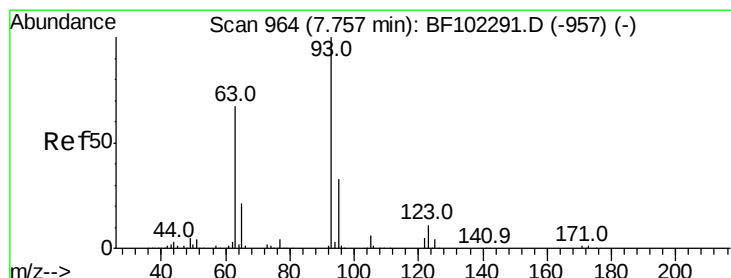
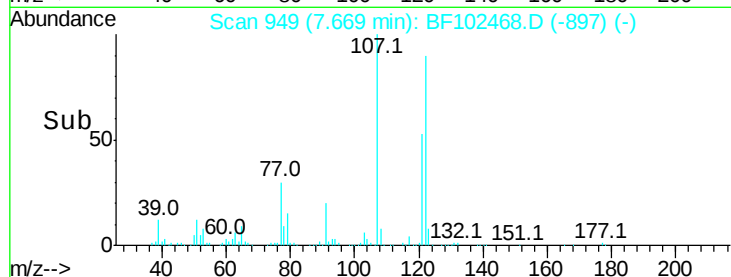
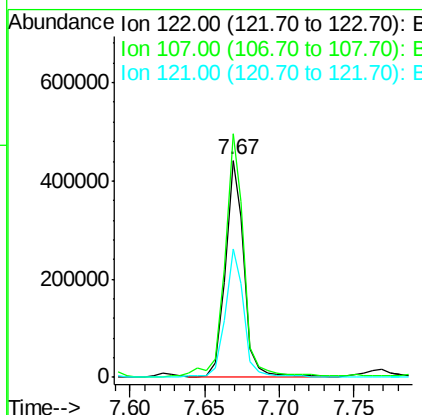
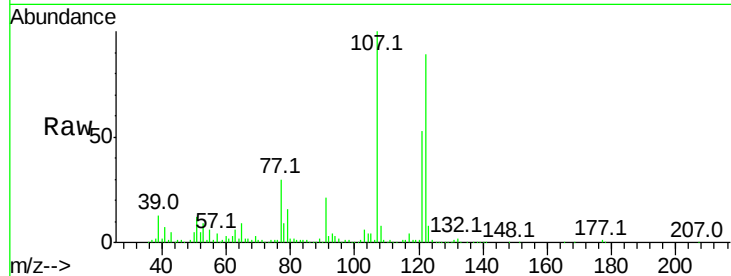




#27
 2,4-Dimethylphenol
 Concen: 45.915 ng
 RT: 7.67 min Scan# 949
 Delta R.T. 0.01 min
 Lab File: BF102468.D
 Acq: 26 Jan 2018 15:06

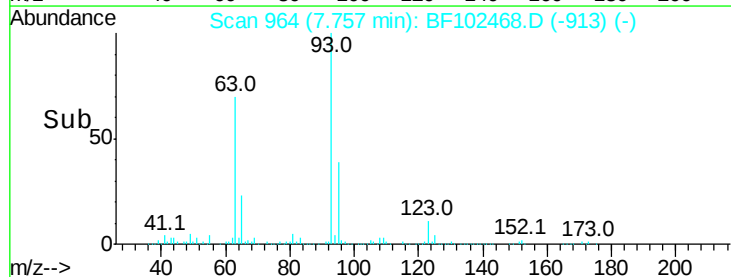
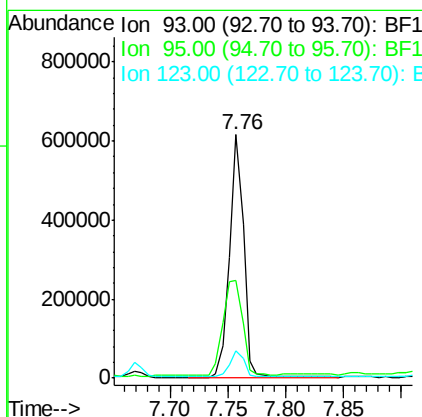
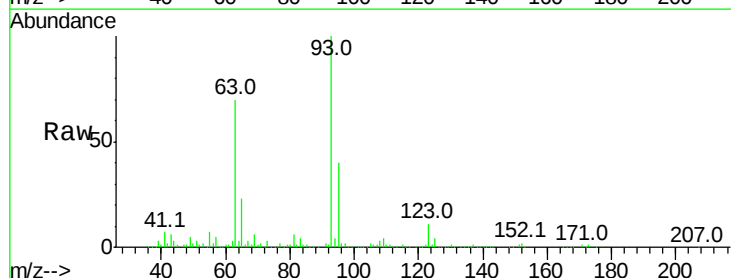
Instrument :
 BNA_F
 ClientSampleId :

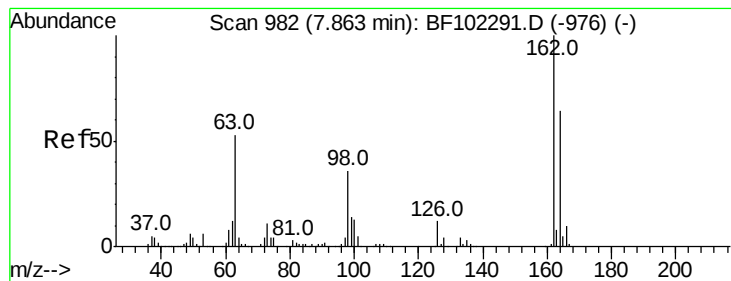
Tot Ion:122 Resp: 385922
 Ion Ratio Lower Upper
 122 100
 107 112.3 91.2 136.8
 121 59.5 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.220 ng
 RT: 7.76 min Scan# 964
 Delta R.T. -0.00 min
 Lab File: BF102468.D
 Acq: 26 Jan 2018 15:06

Tgt Ion: 93 Resp: 523368
 Ion Ratio Lower Upper
 93 100
 95 40.4 26.3 39.5#
 123 11.1 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 43.173 ng

RT: 7.87 min Scan# 984

Delta R.T. 0.01 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

Instrument :

BNA_F

ClientSampled :

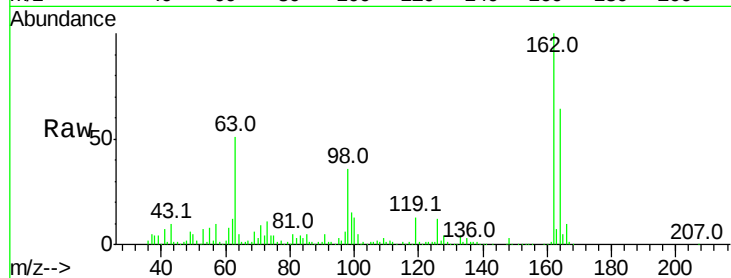
Tot Ion:162 Resp: 369635

Ion Ratio Lower Upper

162 100

164 64.1 42.7 82.7

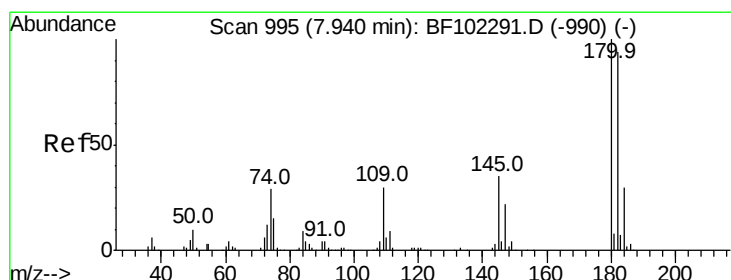
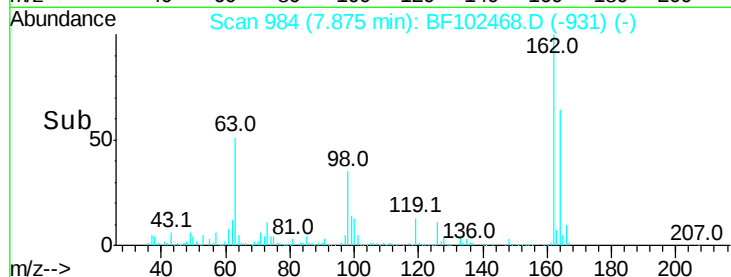
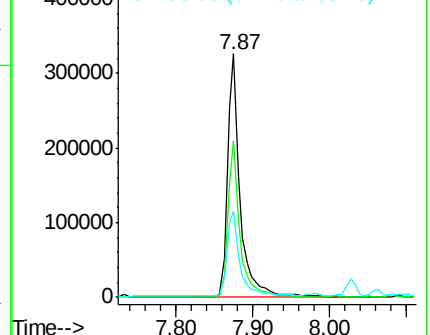
98 35.5 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 37.602 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.00 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

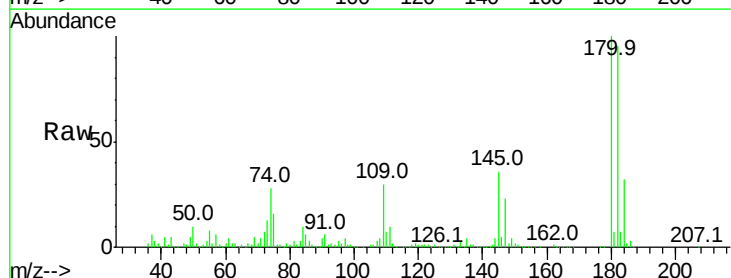
Tgt Ion:180 Resp: 345101

Ion Ratio Lower Upper

180 100

182 95.2 76.8 115.2

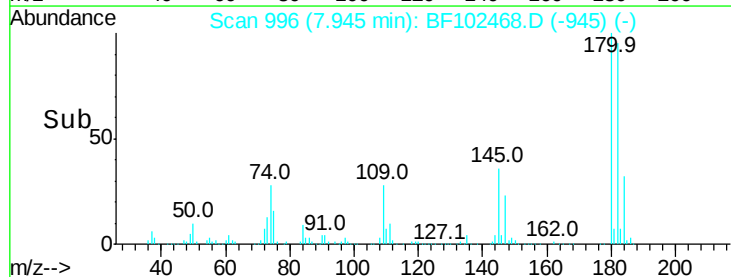
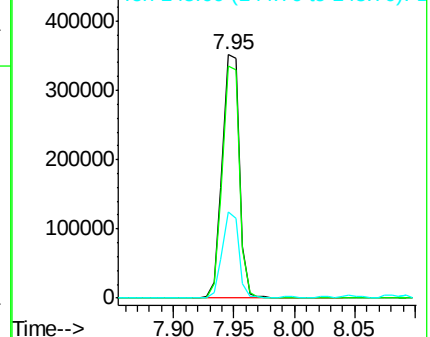
145 35.6 26.5 39.7

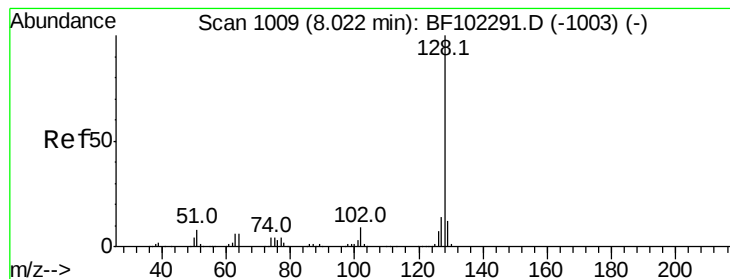


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 49.836 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.01 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

Instrument :

BNA_F

ClientSampleId :

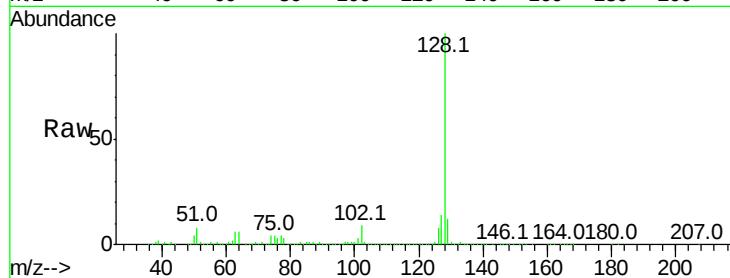
Tot Ion:128 Resp: 1536736

Ion Ratio Lower Upper

128 100

129 11.7 8.8 13.2

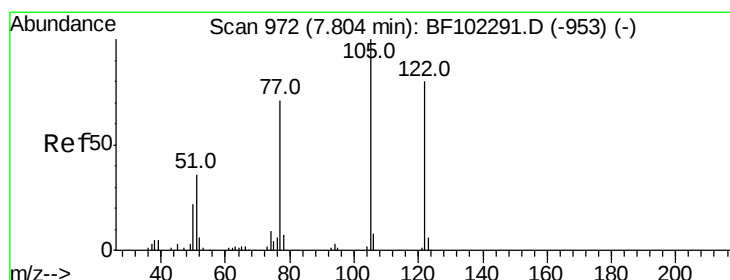
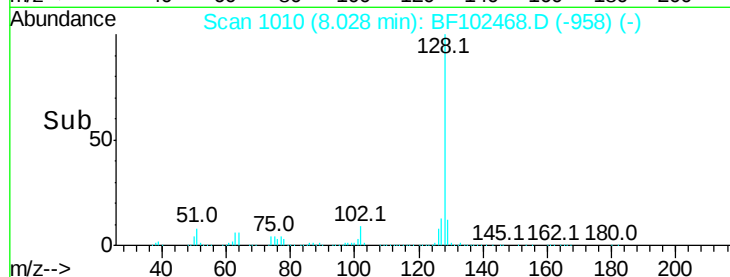
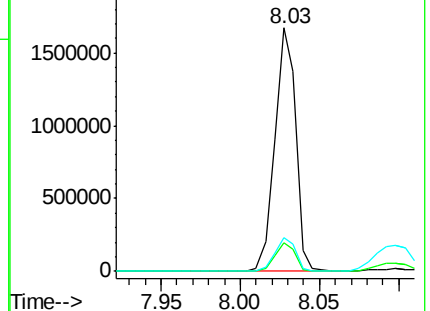
127 13.6 10.9 16.3



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: 2.409 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.04 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

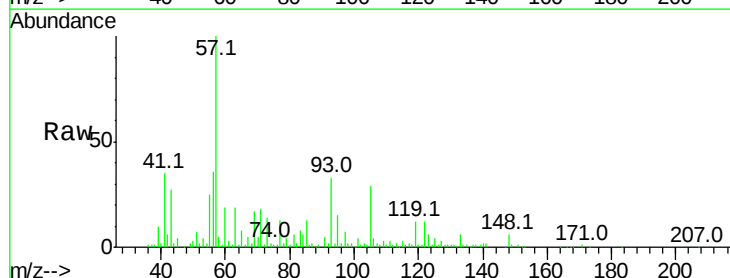
Tgt Ion:122 Resp: 16964

Ion Ratio Lower Upper

122 100

105 245.6 101.1 141.1#

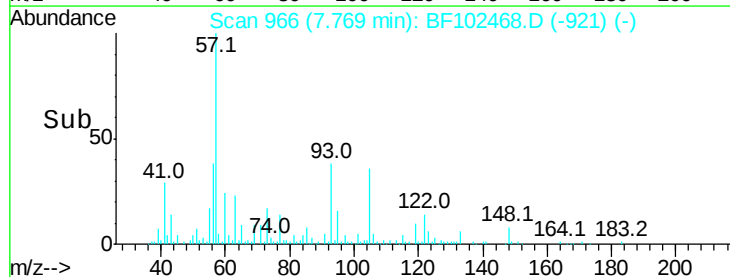
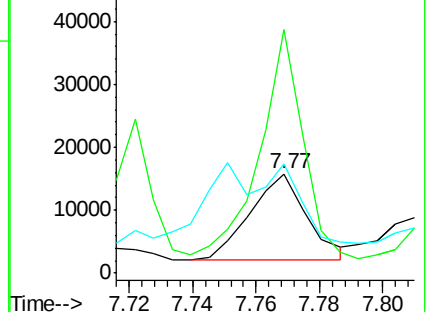
77 110.6 70.7 110.7

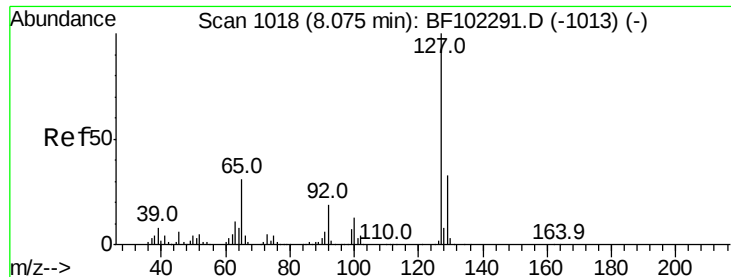


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

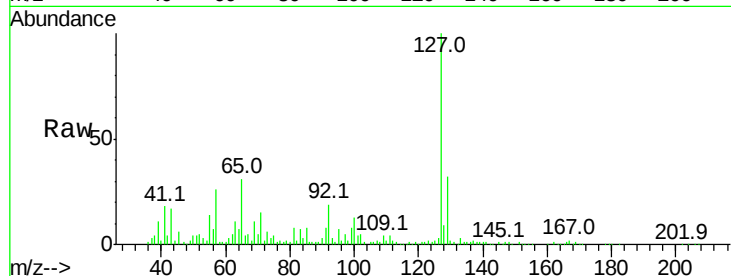




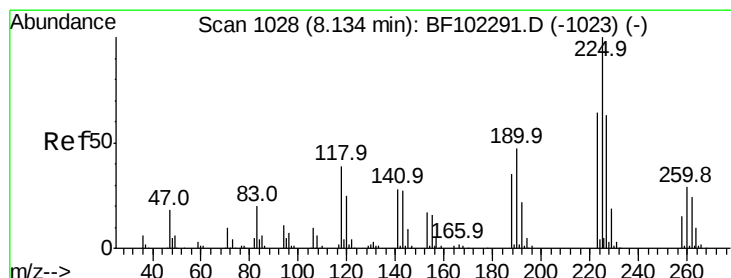
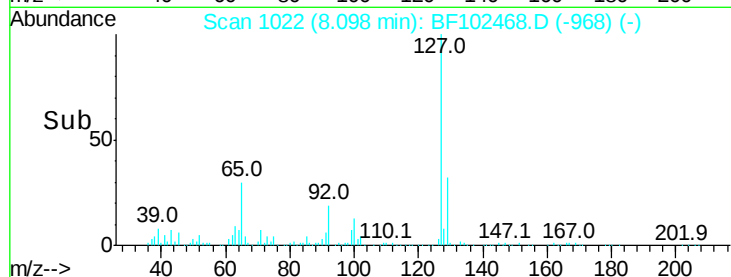
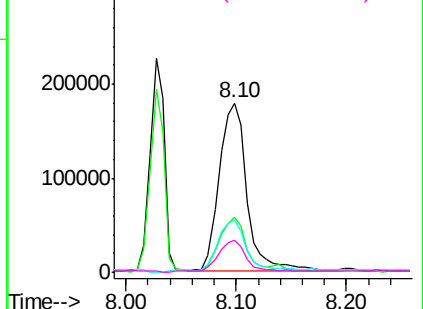
#33
4-Chloroaniline
Concen: 23.934 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.02 min
Lab File: BF102468.D
Acq: 26 Jan 2018 15:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	310345
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	30.8	25.0	37.4
92	18.8	15.2	22.8

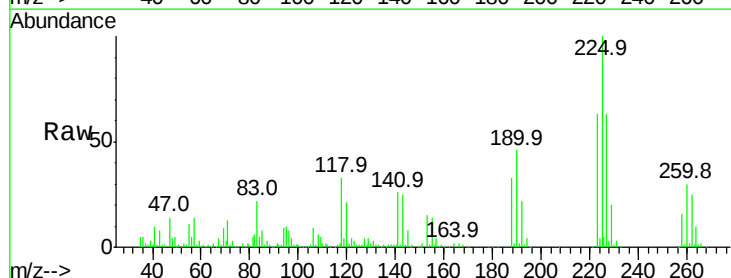


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

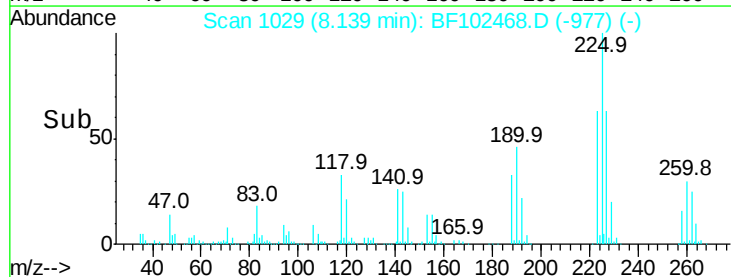
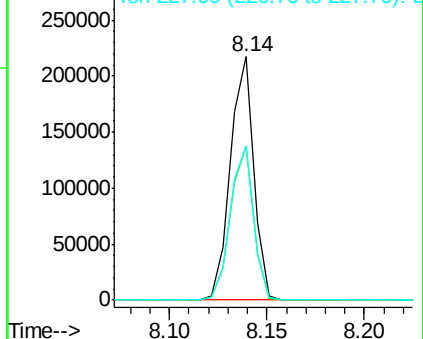


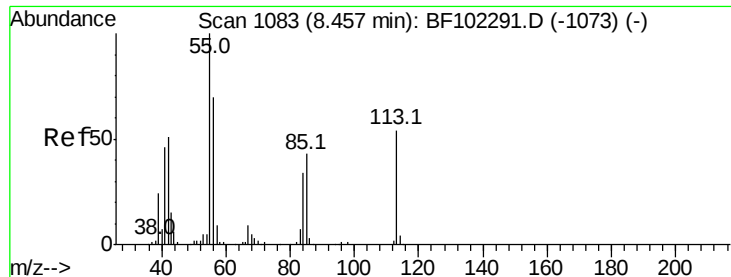
#34
Hexachlorobutadiene
Concen: 36.736 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BF102468.D
Acq: 26 Jan 2018 15:06

Tgt Ion:	225	Resp:	180076
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.6	76.0
227	63.2	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

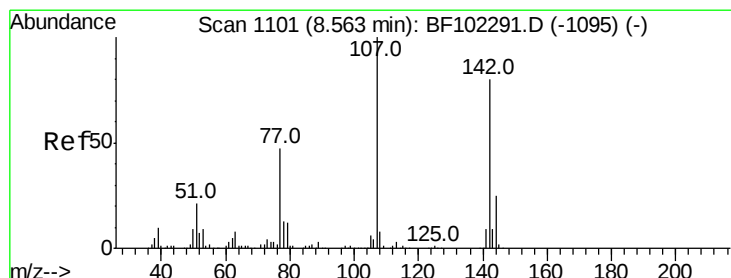
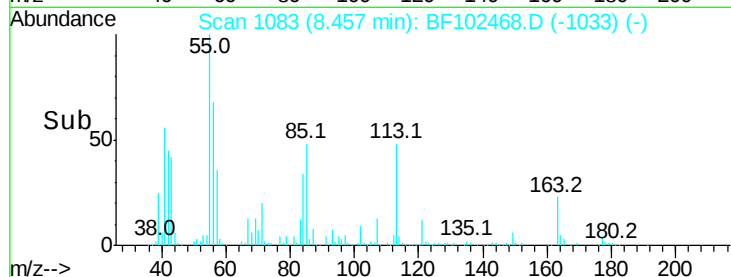
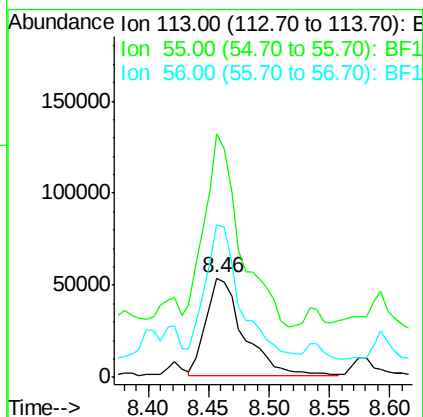
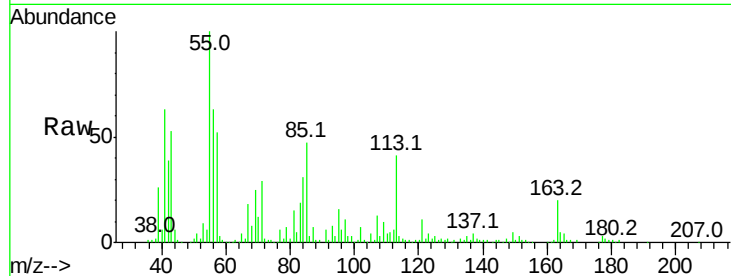




#35
 Caprolactam
 Concen: 40.330 ng
 RT: 8.46 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: BF102468.D
 Acq: 26 Jan 2018 15:06

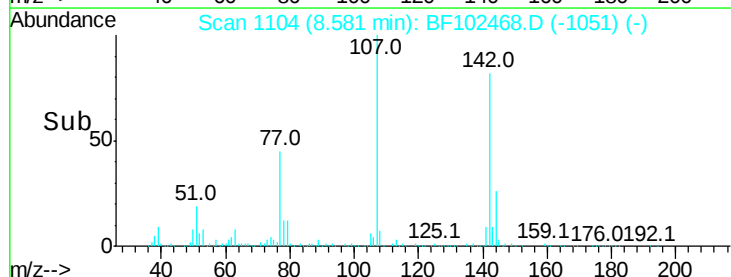
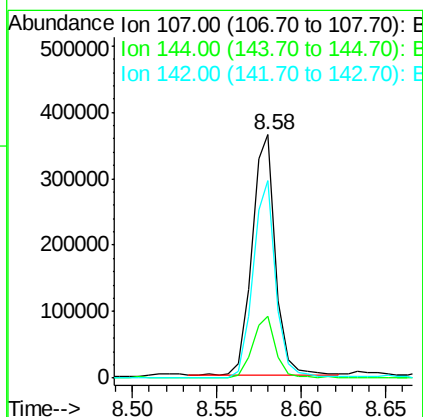
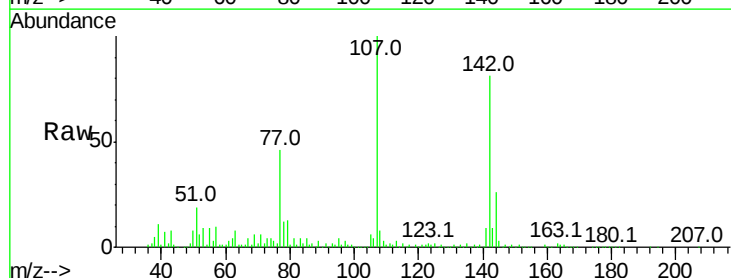
Instrument :
 BNA_F
 ClientSampleId :

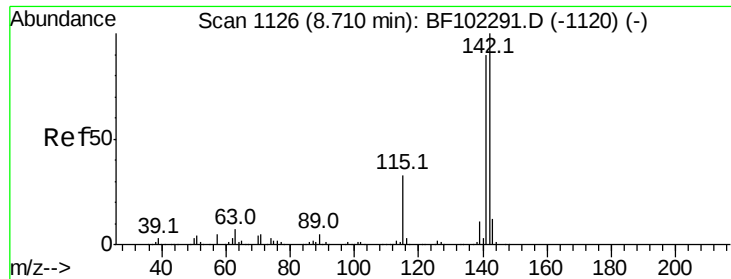
Tot Ion:113 Resp: 114037
 Ion Ratio Lower Upper
 113 100
 55 245.5 163.3 203.3#
 56 153.8 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 39.131 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. 0.01 min
 Lab File: BF102468.D
 Acq: 26 Jan 2018 15:06

Tgt Ion:107 Resp: 353148
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.5 30.7
 142 81.1 62.0 93.0

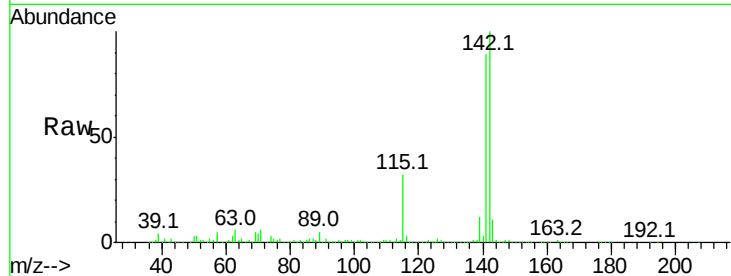




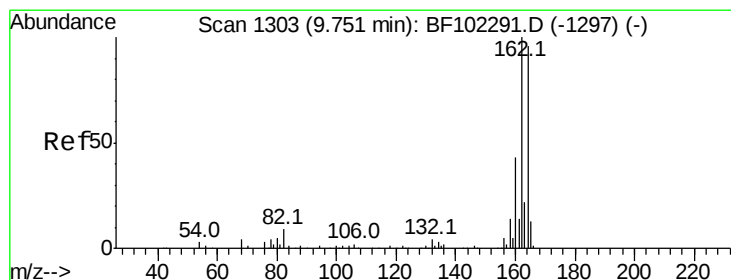
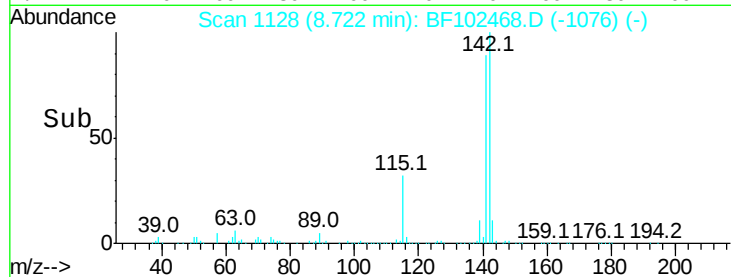
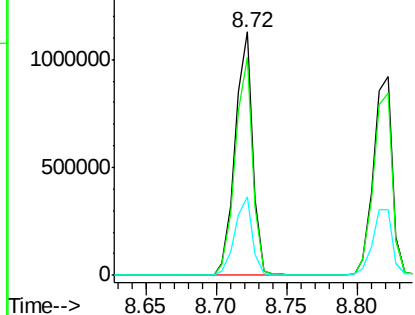
#37
 2-Methylnaphthalene
 Concen: 47.158 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. 0.01 min
 Lab File: BF102468.D
 Acq: 26 Jan 2018 15:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.8	106.2
115	32.4	26.1	39.1

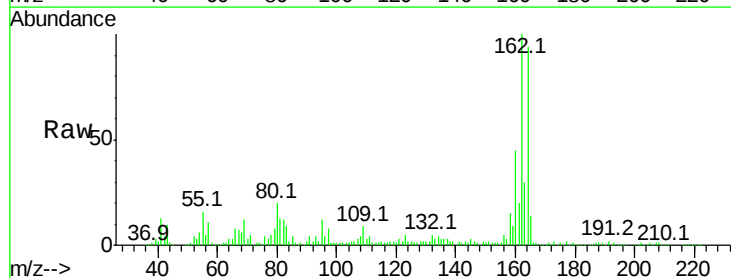


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

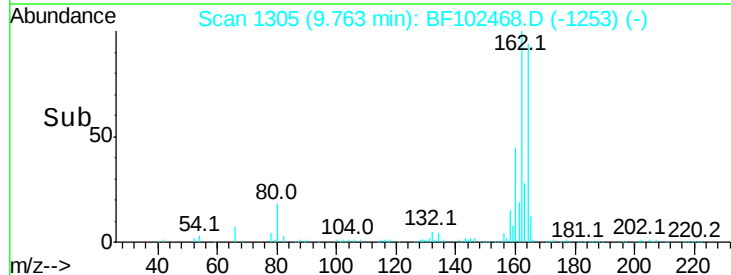
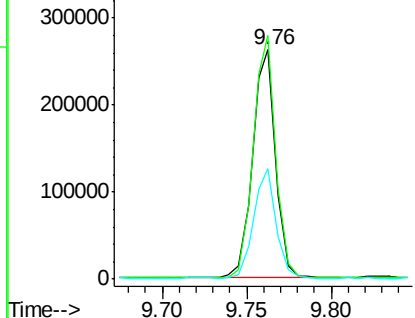


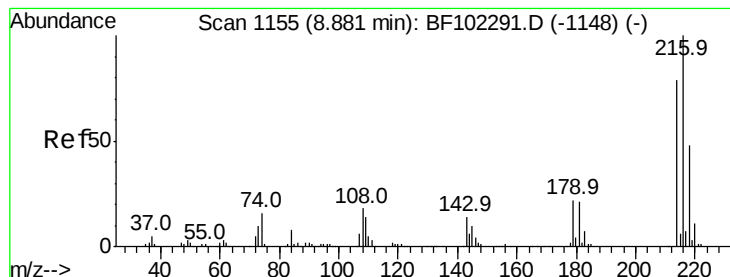
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.01 min
 Lab File: BF102468.D
 Acq: 26 Jan 2018 15:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.2	86.1	129.1
160	48.0	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.608 ng

RT: 8.89 min Scan# 1156

Delta R.T. 0.01 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 297263

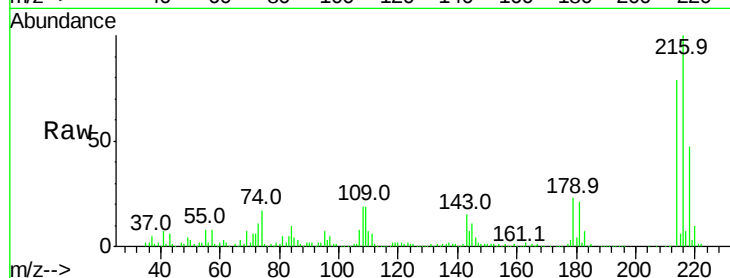
Ion Ratio Lower Upper

216 100

214 80.5 63.0 94.4

179 23.0 18.1 27.1

108 20.1 17.2 25.8

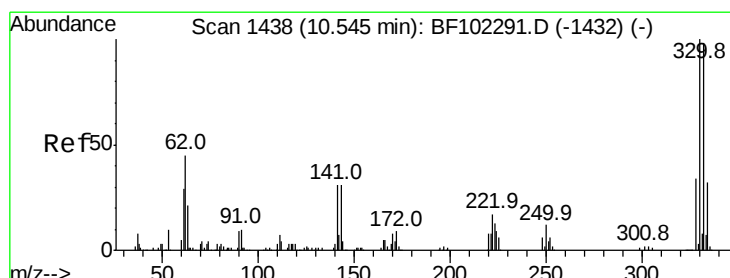
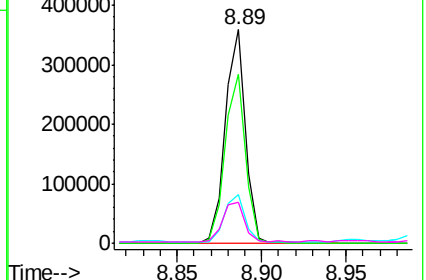
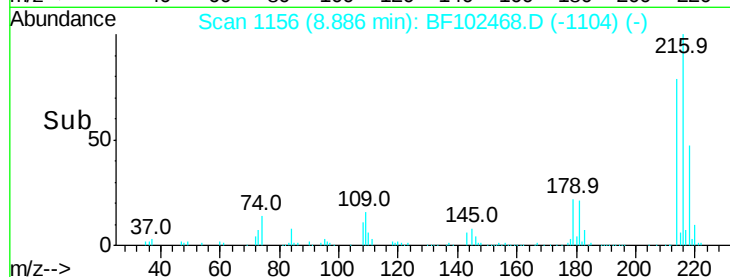


Abundance Ion 216.00 (215.70 to 216.70): E

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



#41

2,4,6-Tribromophenol

Concen: 13.250 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.01 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

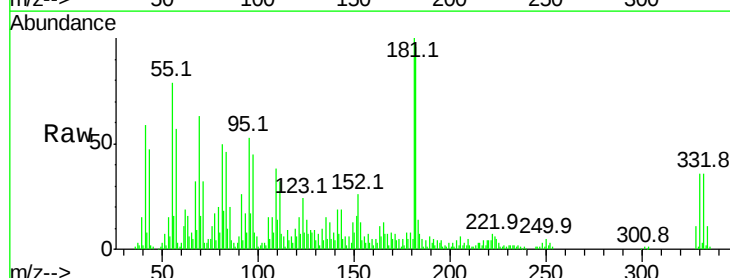
Tgt Ion:330 Resp: 32750

Ion Ratio Lower Upper

330 100

332 99.3 77.0 115.6

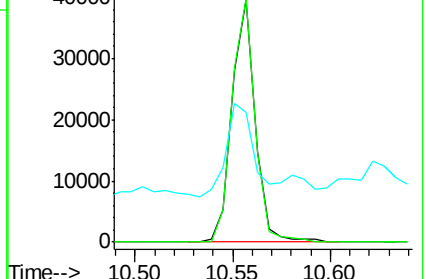
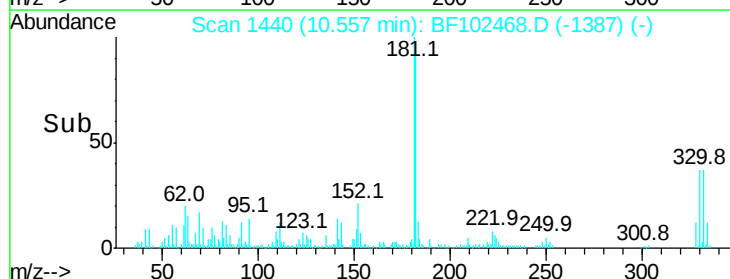
141 44.3 29.9 44.9

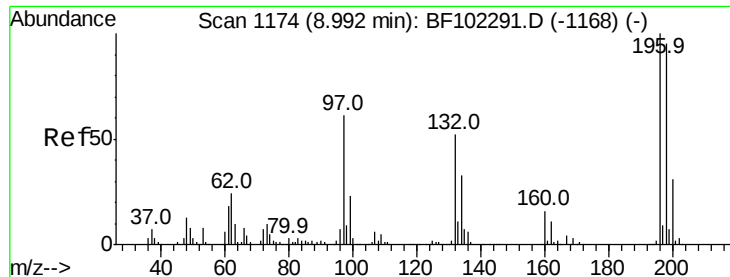


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#42

2,4,6-Trichlorophenol

Concen: 40.522 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.01 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

Instrument :

BNA_F

ClientSampleId :

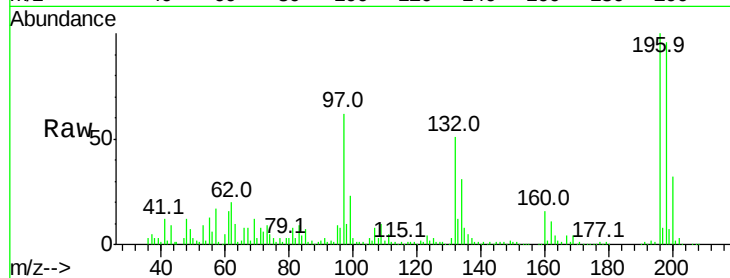
Tot Ion:196 Resp: 203587

Ion Ratio Lower Upper

196 100

198 96.0 75.7 113.5

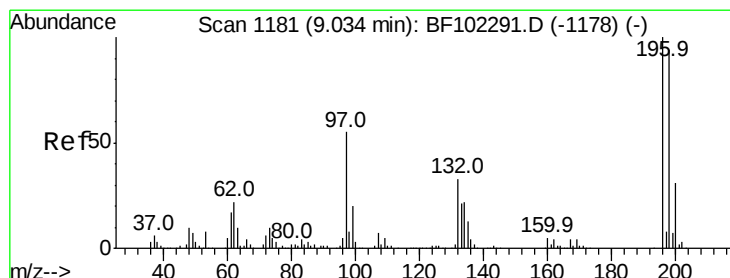
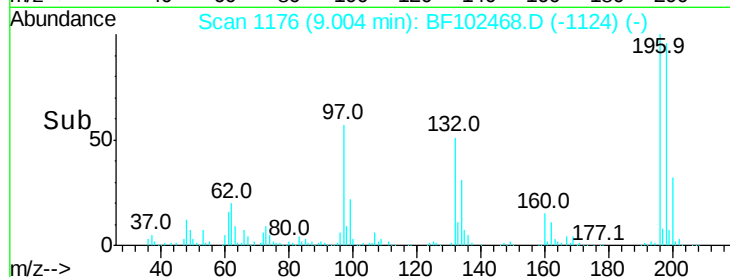
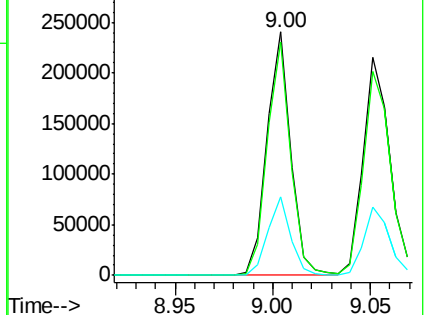
200 32.0 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 36.724 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.01 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

Tgt Ion:196 Resp: 207737

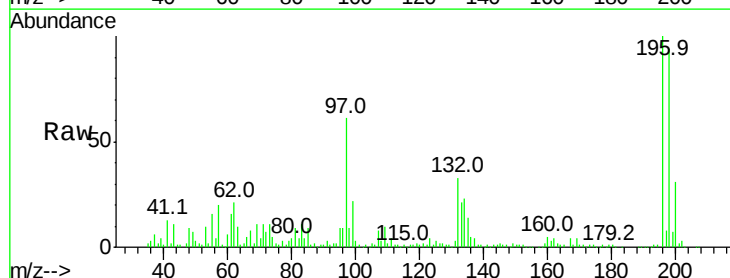
Ion Ratio Lower Upper

196 100

198 93.6 74.6 112.0

97 61.4 42.9 64.3

132 33.3 26.3 39.5

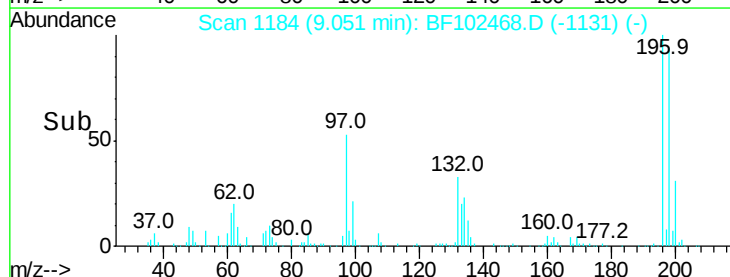
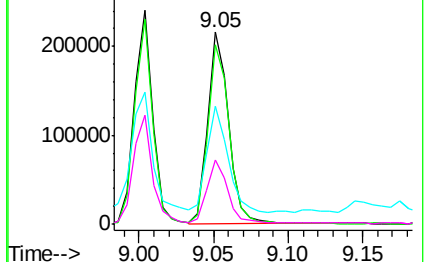


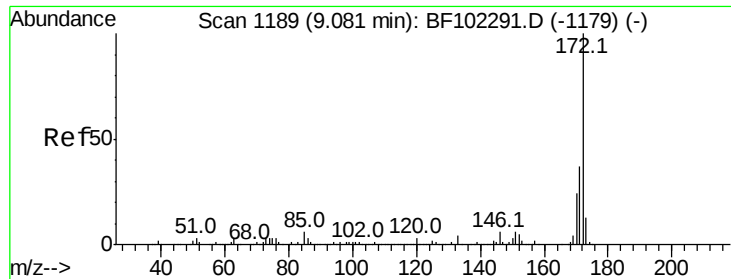
Abundance Ion 196.00 (195.70 to 196.70): E

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: 14.939 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

Instrument :

BNA_F

ClientSampleId :

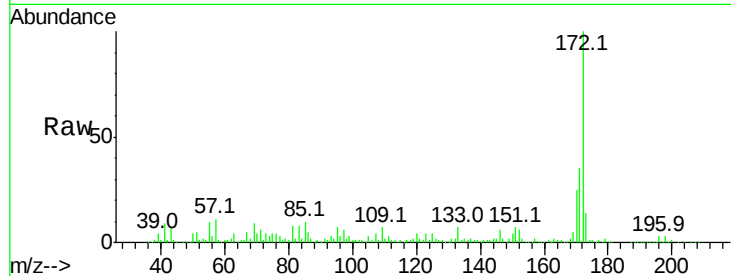
Tot Ion:172 Resp: 253456

Ion Ratio Lower Upper

172 100

171 35.5 29.7 44.5

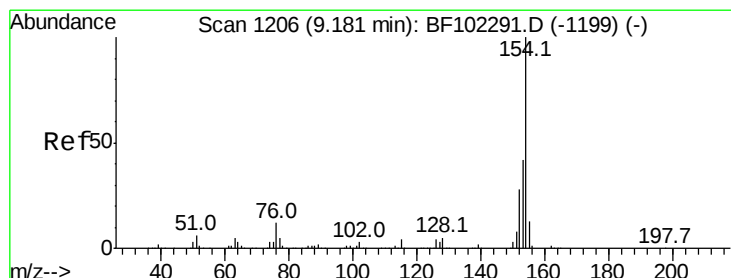
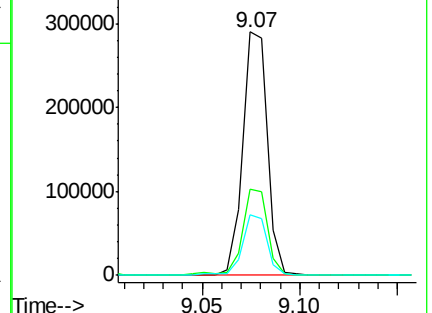
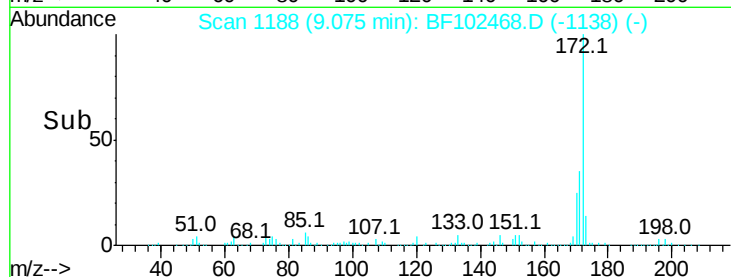
170 24.7 19.6 29.4



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: 41.707 ng

RT: 9.19 min Scan# 1207

Delta R.T. 0.01 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

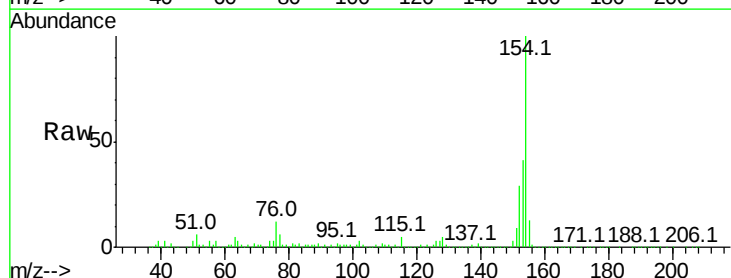
Tgt Ion:154 Resp: 930291

Ion Ratio Lower Upper

154 100

153 41.3 21.3 61.3

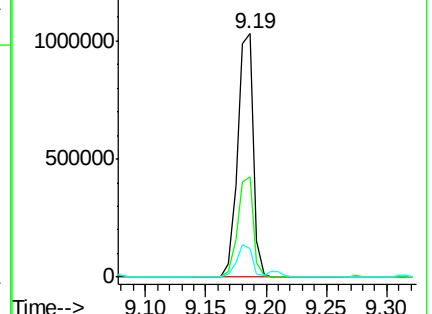
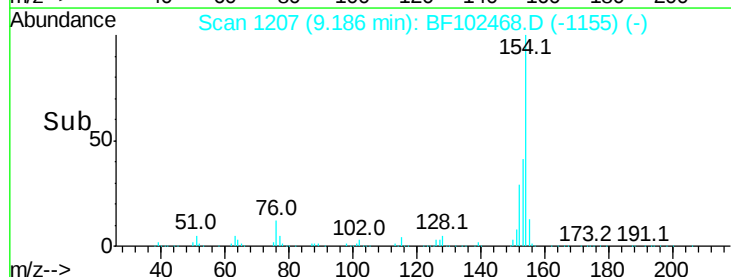
76 12.0 0.0 34.0

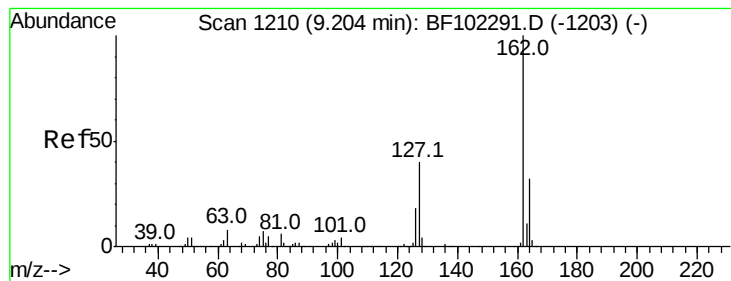


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#46

2-Chloronaphthalene

Concen: 38.031 ng

RT: 9.21 min Scan# 1211

Delta R.T. 0.01 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

Instrument :

BNA_F

ClientSampleId :

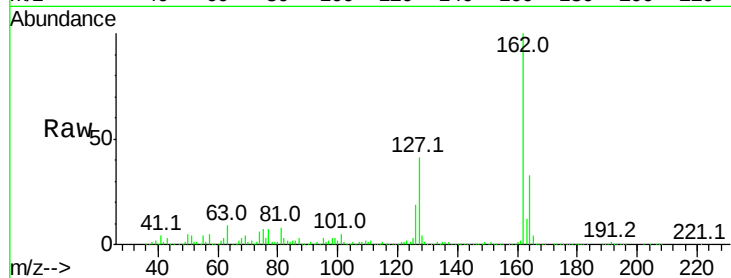
Tot Ion:162 Resp: 659361

Ion Ratio Lower Upper

162 100

127 41.3 33.9 50.9

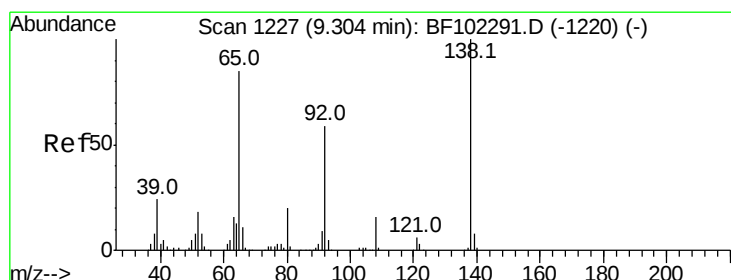
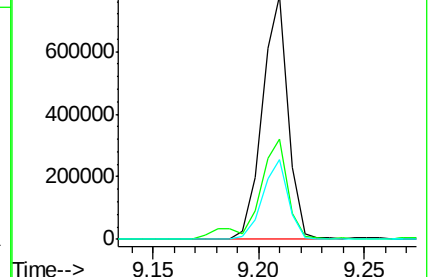
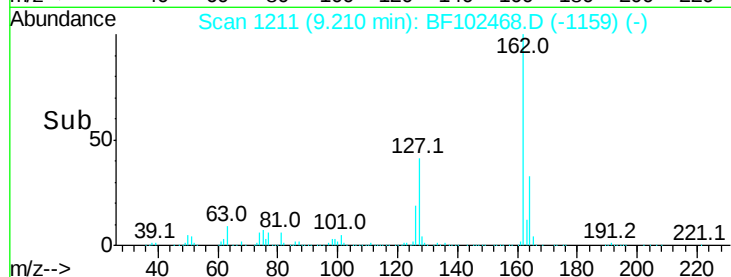
164 33.0 26.5 39.7



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: 46.510 ng

RT: 9.32 min Scan# 1229

Delta R.T. 0.01 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

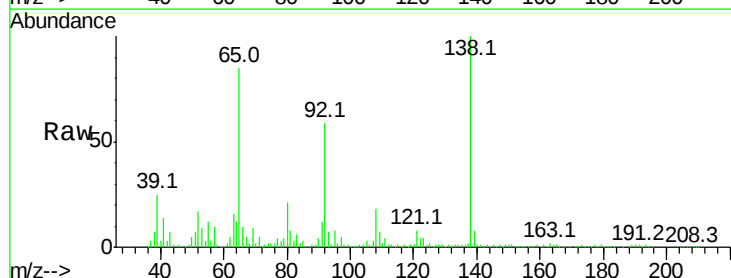
Tgt Ion: 65 Resp: 251396

Ion Ratio Lower Upper

65 100

92 69.7 55.8 83.6

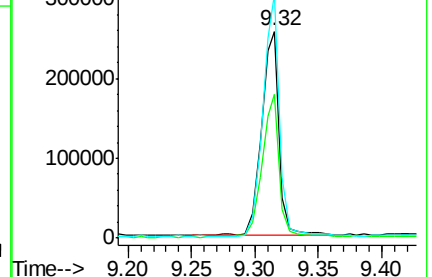
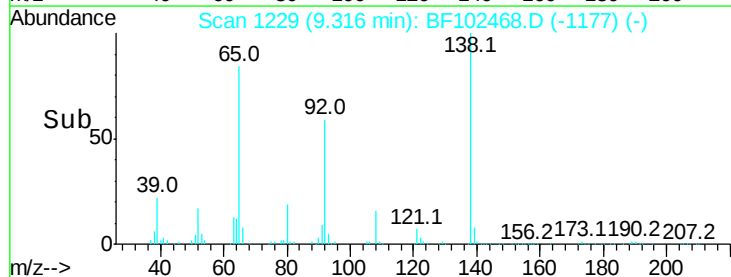
138 117.7 91.2 136.8

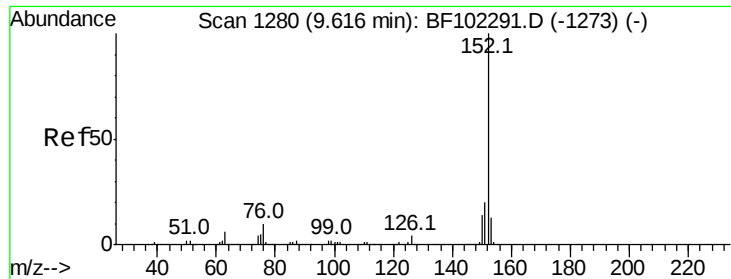


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 42.807 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.01 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

Instrument :

BNA_F

ClientSampleId :

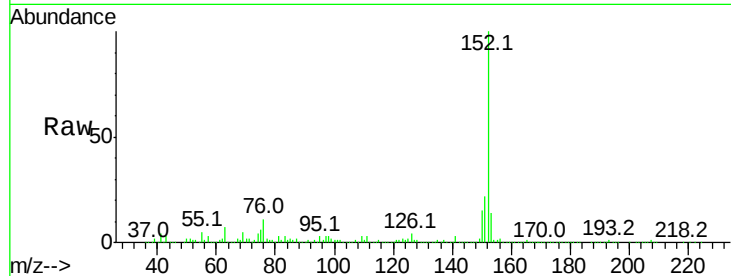
Tot Ion:152 Resp: 1156244

Ion Ratio Lower Upper

152 100

151 21.8 16.3 24.5

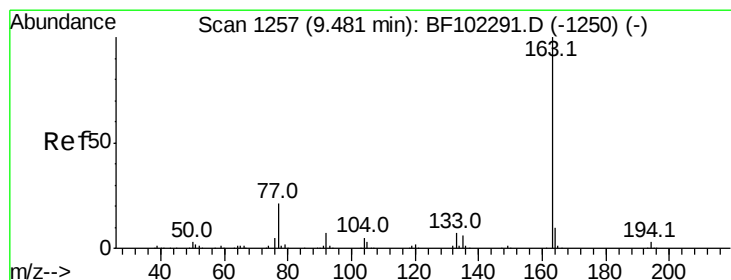
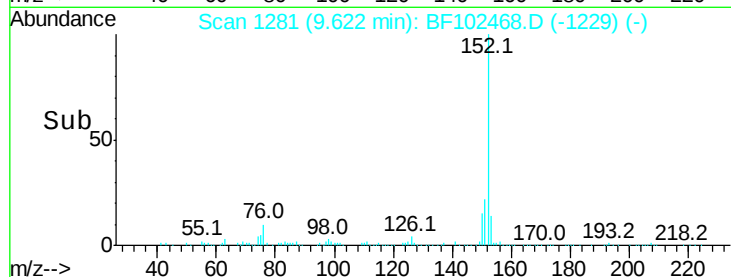
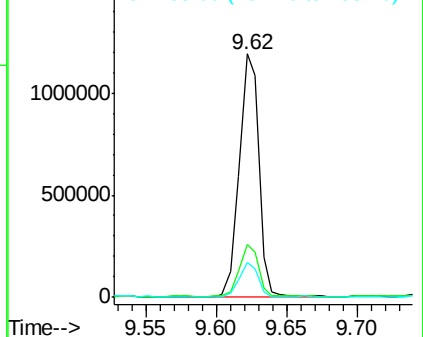
153 14.1 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 49.590 ng

RT: 9.49 min Scan# 1258

Delta R.T. 0.01 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

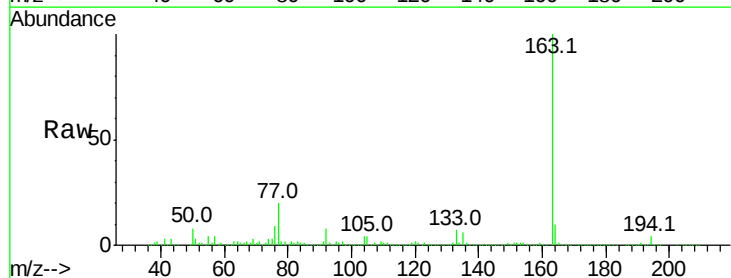
Tgt Ion:163 Resp: 1022488

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

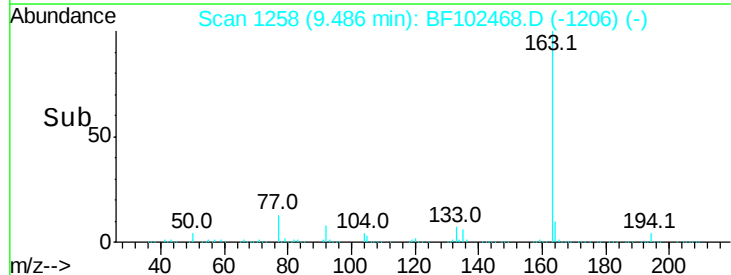
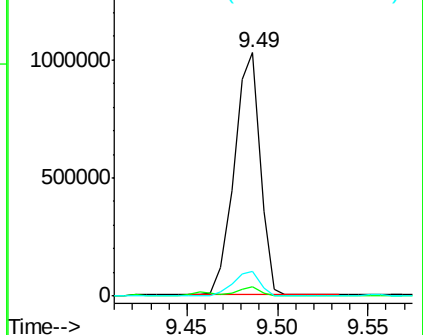
164 10.3 8.2 12.2

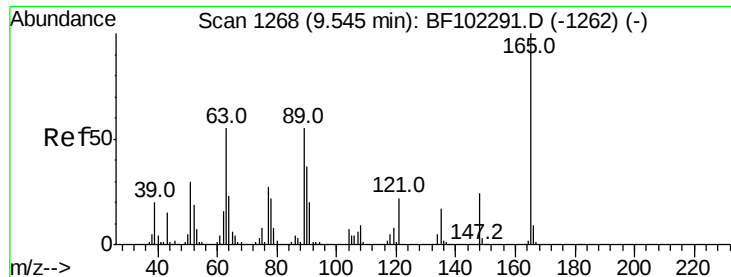


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 26.815 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.01 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

Instrument :

BNA_F

ClientSampleId :

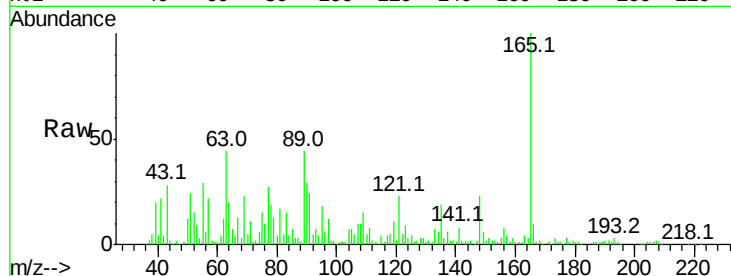
Tot Ion:165 Resp: 119204

Ion Ratio Lower Upper

165 100

63 43.6 44.7 67.1#

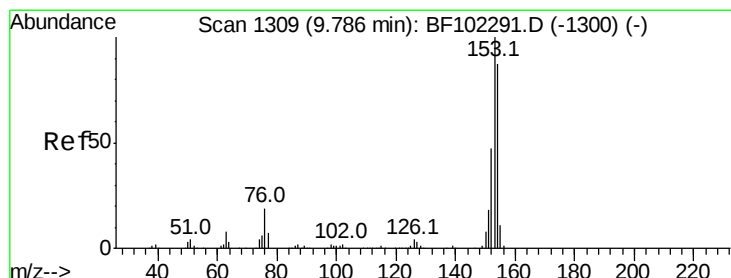
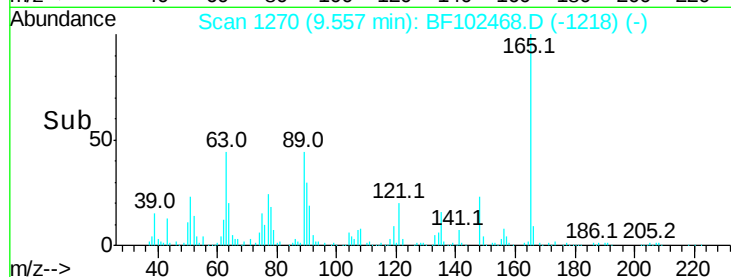
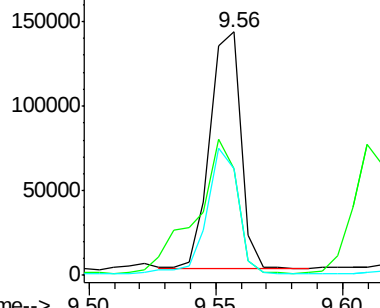
89 43.8 44.0 66.0#



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: 51.192 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.01 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

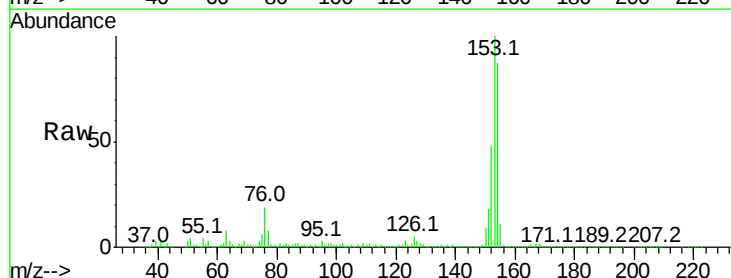
Tgt Ion:154 Resp: 807560

Ion Ratio Lower Upper

154 100

153 114.4 91.2 136.8

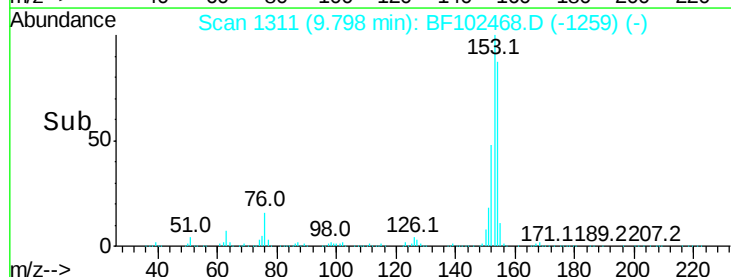
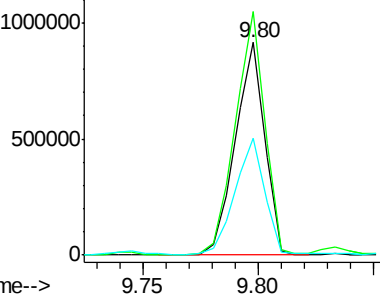
152 55.1 43.8 65.8

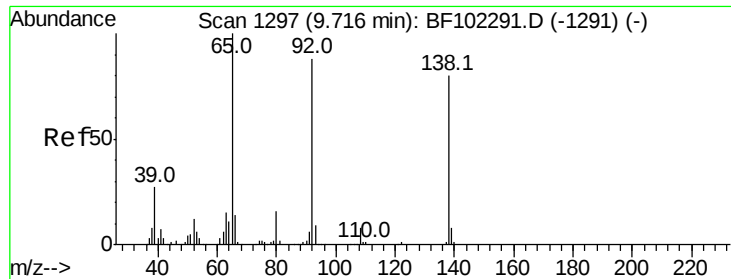


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

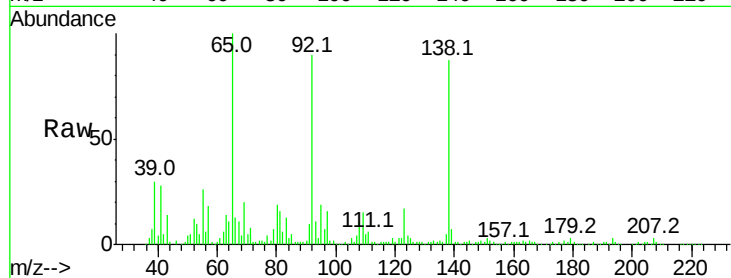




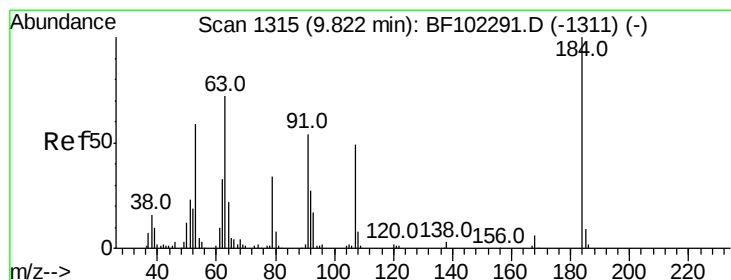
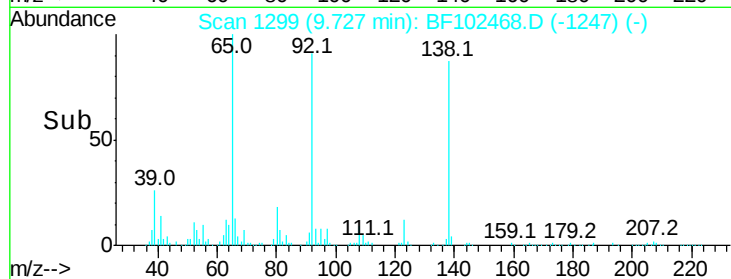
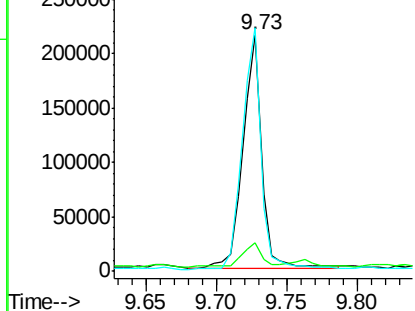
#52
3-Nitroaniline
Concen: 38.137 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.01 min
Lab File: BF102468.D
Acq: 26 Jan 2018 15:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 200556
Ion Ratio Lower Upper
138 100
108 12.3 9.4 14.0
92 102.9 89.4 134.2

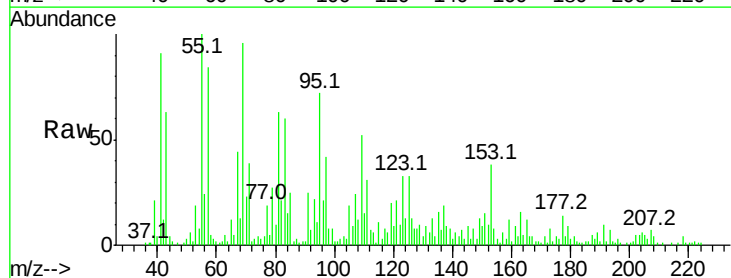


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

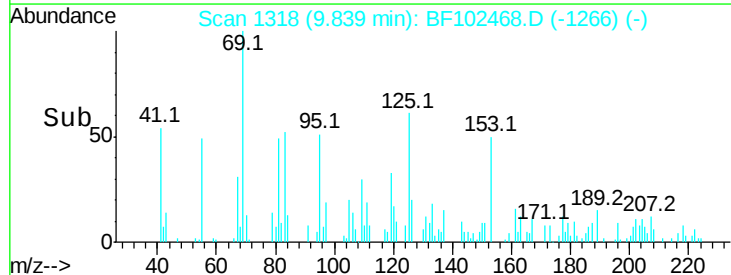
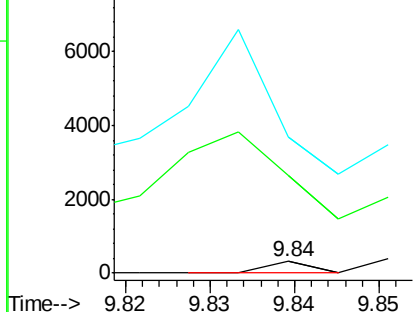


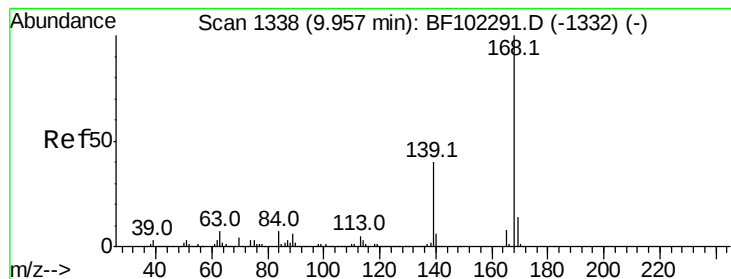
#53
2,4-Dinitrophenol
Concen: 3.747 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BF102468.D
Acq: 26 Jan 2018 15:06

Tgt Ion:184 Resp: 108
Ion Ratio Lower Upper
184 100
63 857.7 54.2 81.2#
154 1206.5 184.0 276.0#



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





#54

Dibenzofuran

Concen: 55.736 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.01 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

Instrument :

BNA_F

ClientSampleId :

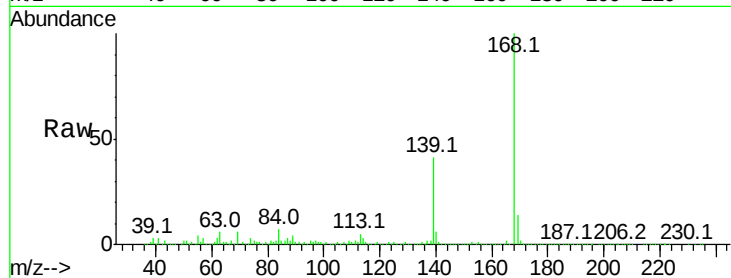
Tot Ion:168 Resp: 1189941

Ion Ratio Lower Upper

168 100

139 40.8 30.1 45.1

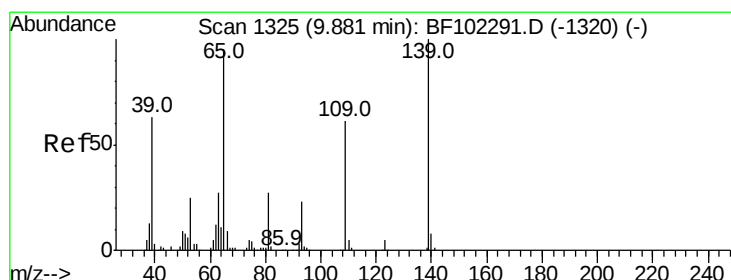
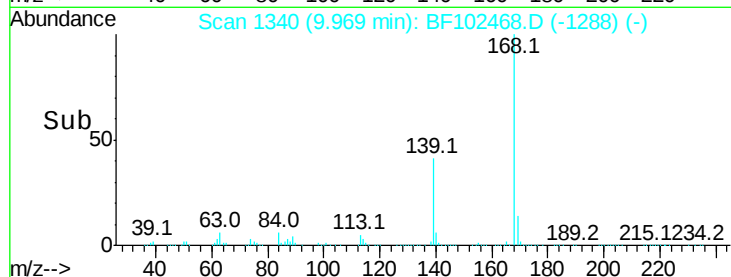
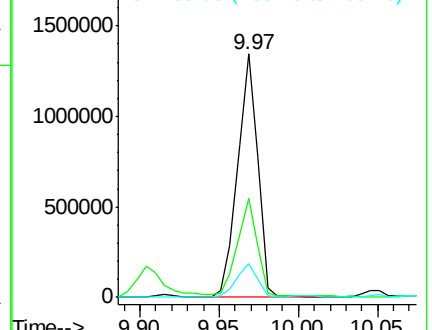
169 13.9 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 58.940 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.01 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

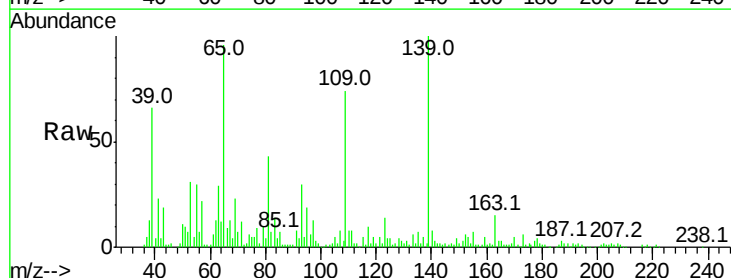
Tgt Ion:139 Resp: 204604

Ion Ratio Lower Upper

139 100

109 74.5 48.4 88.4

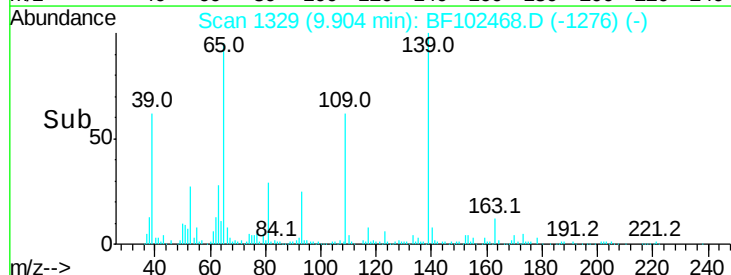
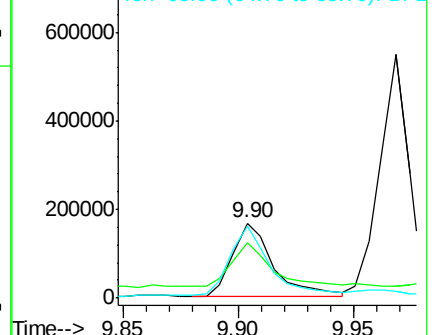
65 96.2 72.6 112.6

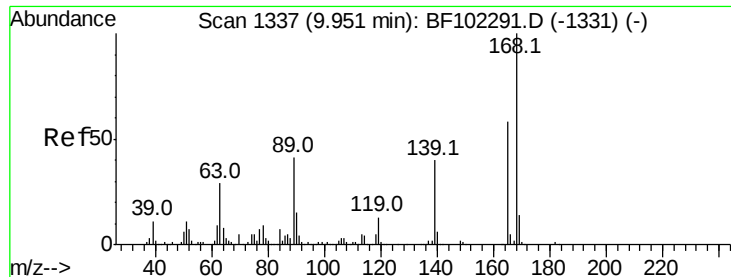


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

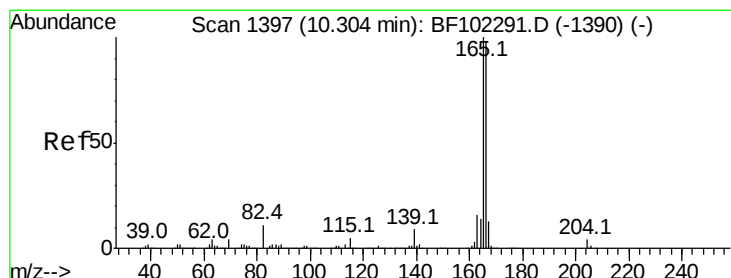
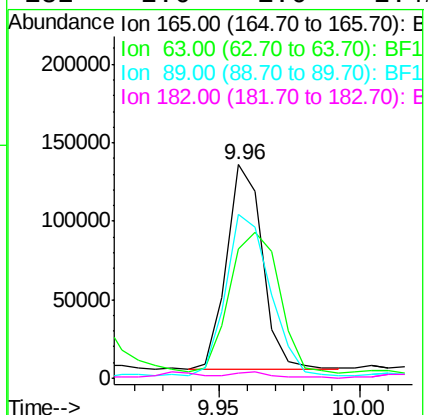
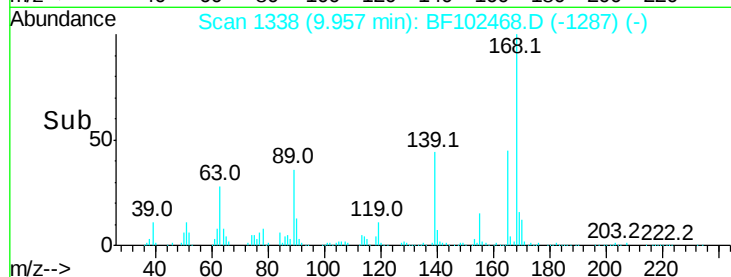
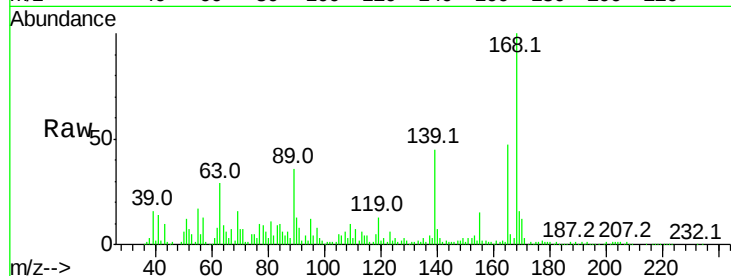




#56
2,4-Dinitrotoluene
Concen: 21.015 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BF102468.D
Acq: 26 Jan 2018 15:06

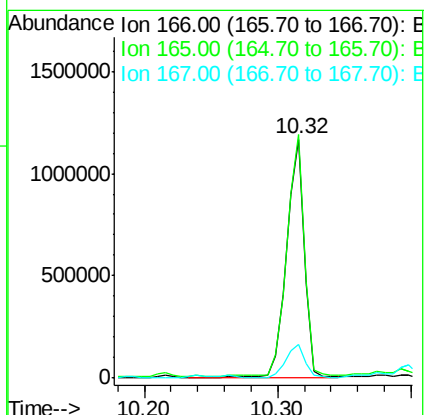
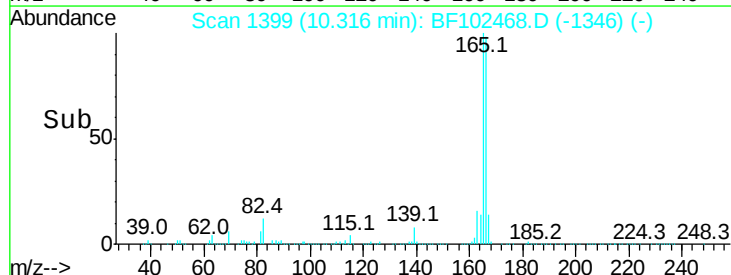
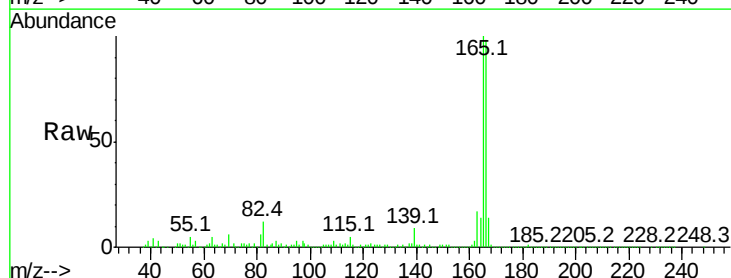
Instrument :
BNA_F
ClientSampleId :

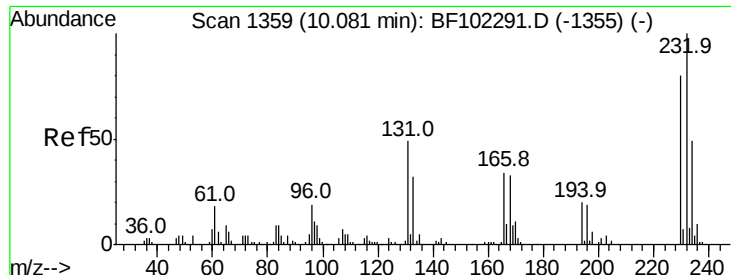
Tot Ion:165 Resp: 114883
Ion Ratio Lower Upper
165 100
63 60.8 36.4 54.6#
89 76.9 57.8 86.6
182 2.6 1.6 2.4#



#57
Fluorene
Concen: 64.651 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF102468.D
Acq: 26 Jan 2018 15:06

Tgt Ion:166 Resp: 1093734
Ion Ratio Lower Upper
166 100
165 102.0 79.8 119.8
167 14.1 10.6 16.0





#58

2,3,4,6-Tetrachlorophenol

Concen: 33.063 ng

RT: 10.09 min Scan# 1361

Delta R.T. 0.01 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 133539

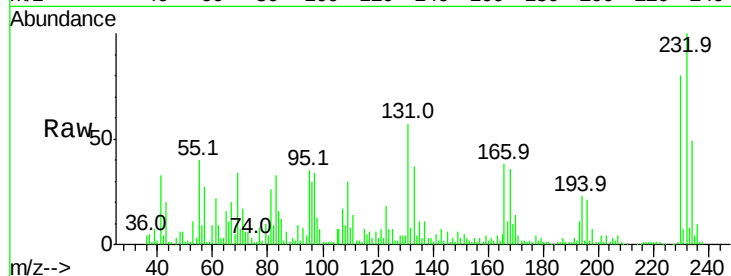
Ion Ratio Lower Upper

232 100

131 54.9 43.8 65.8

130 2.3 2.1 3.1

166 35.7 27.8 41.6

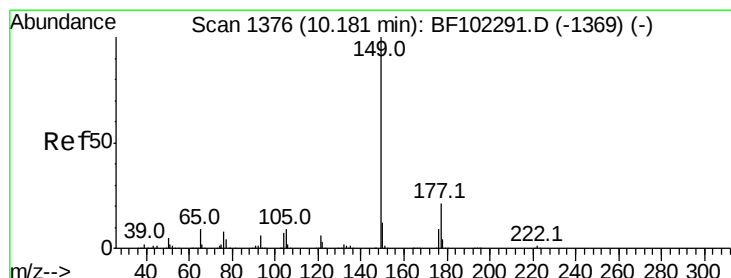
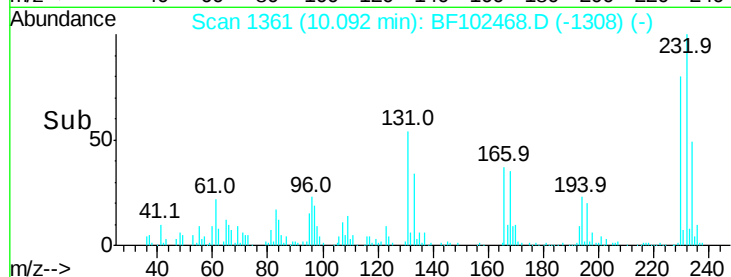
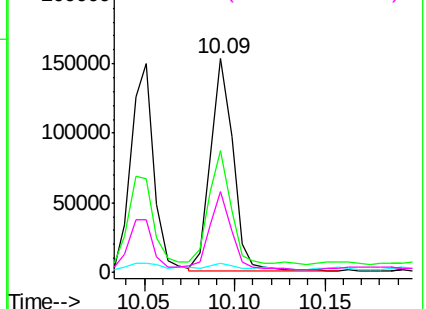


Abundance Ion 232.00 (231.70 to 232.70): E

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: 35.704 ng

RT: 10.19 min Scan# 1377

Delta R.T. 0.01 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

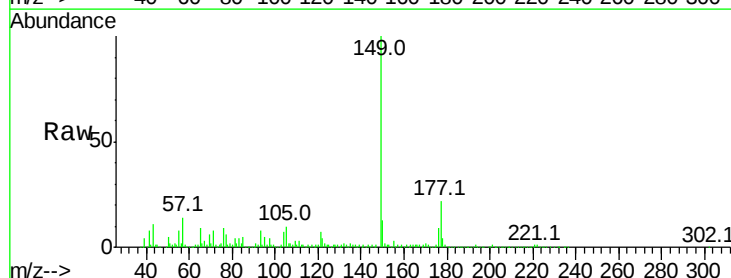
Tgt Ion:149 Resp: 715376

Ion Ratio Lower Upper

149 100

177 22.2 16.1 24.1

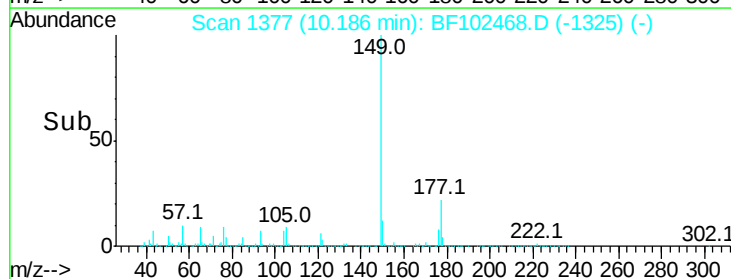
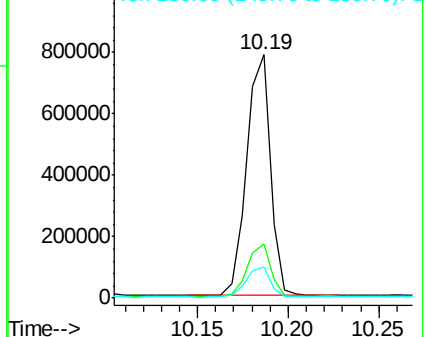
150 12.8 10.1 15.1

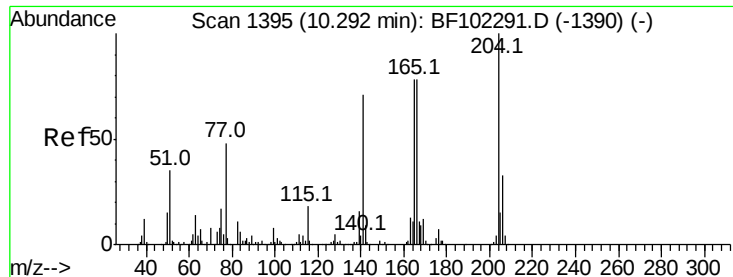


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

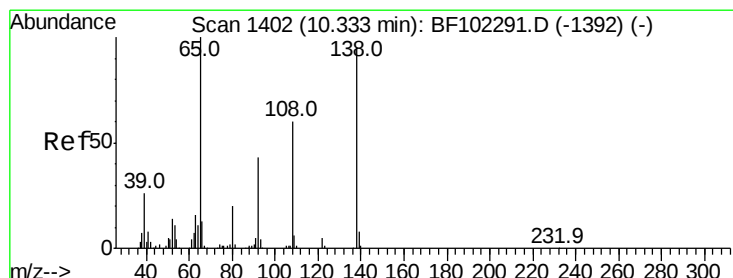
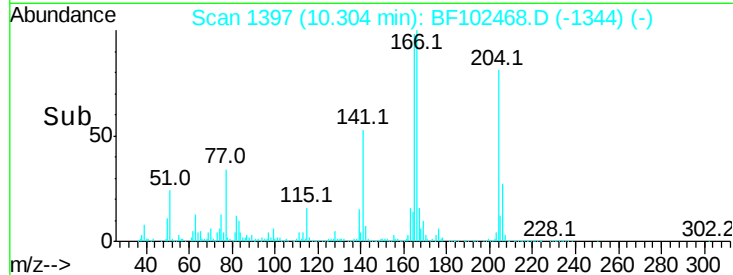
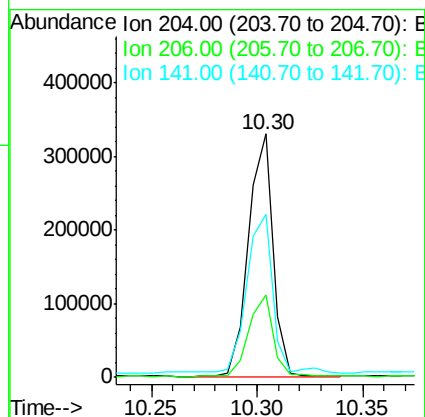
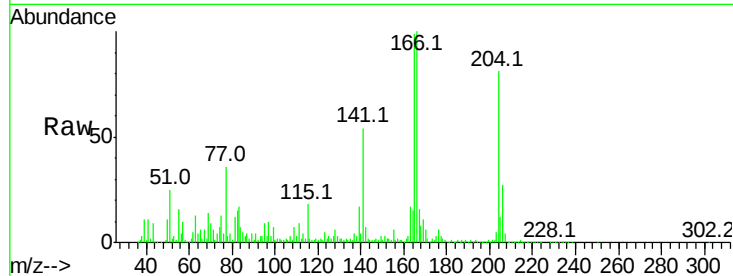




#60
4-Chlorophenyl-phenylether
Concen: 36.132 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.01 min
Lab File: BF102468.D
Acq: 26 Jan 2018 15:06

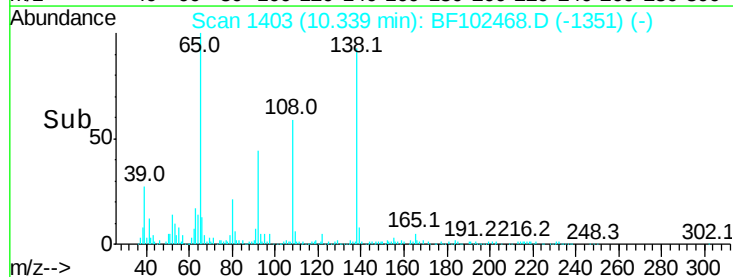
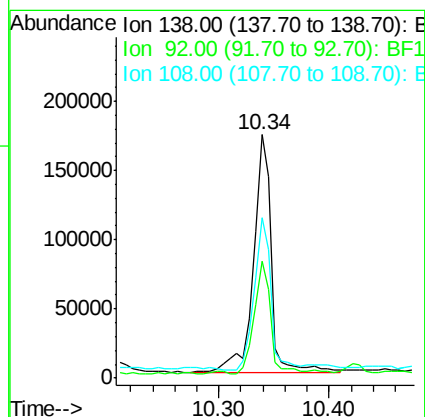
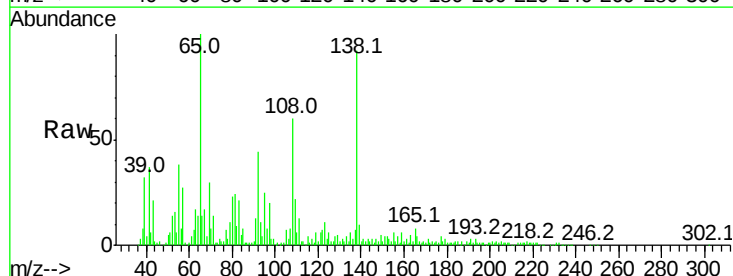
Instrument :
BNA_F
ClientSampled :

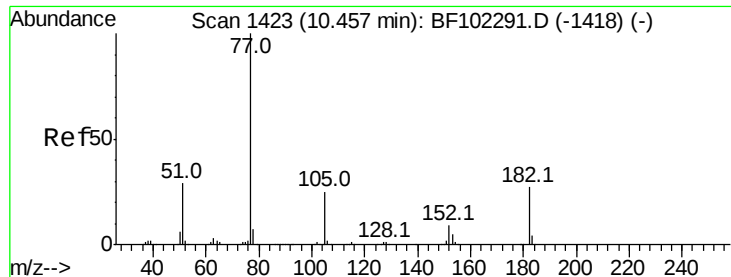
Tot Ion:204 Resp: 265015
Ion Ratio Lower Upper
204 100
206 33.8 26.5 39.7
141 66.7 54.6 81.8



#61
4-Nitroaniline
Concen: 36.959 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BF102468.D
Acq: 26 Jan 2018 15:06

Tgt Ion:138 Resp: 193945
Ion Ratio Lower Upper
138 100
92 47.9 30.2 70.2
108 65.8 52.5 92.5





#62

Azobenzene

Concen: 42.653 ng

RT: 10.46 min Scan# 1424

Delta R.T. 0.01 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 782447

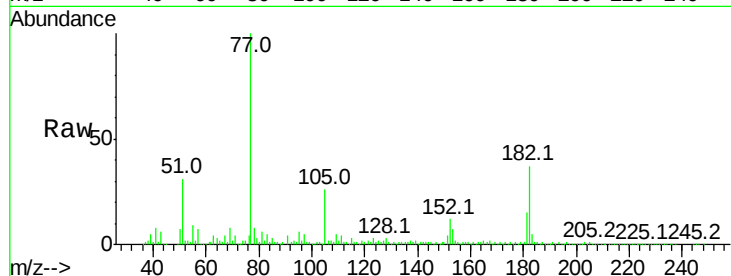
Ion	Ratio	Lower	Upper
77	100		
182	36.6	1.7	41.7
105	25.9	3.0	43.0
51	31.1	9.9	49.9

77 100

182 36.6 1.7 41.7

105 25.9 3.0 43.0

51 31.1 9.9 49.9

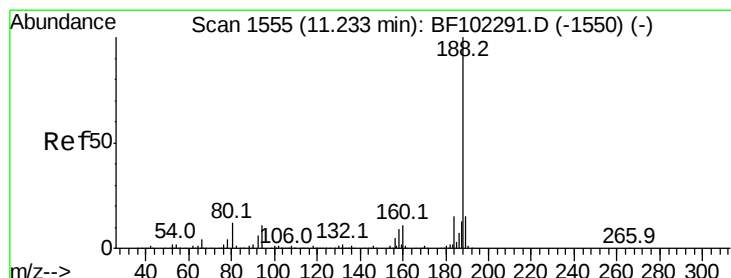
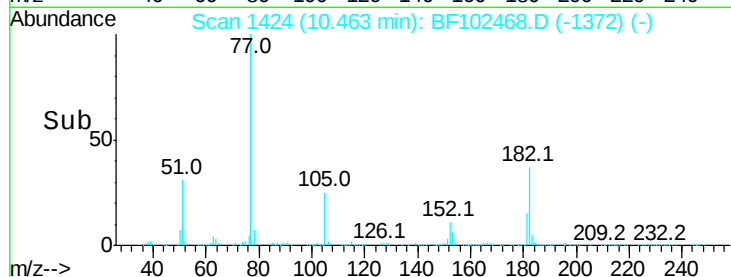
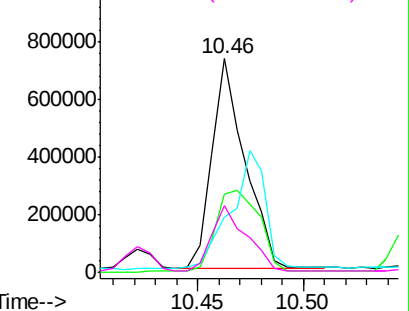


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.26 min Scan# 1559

Delta R.T. 0.02 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

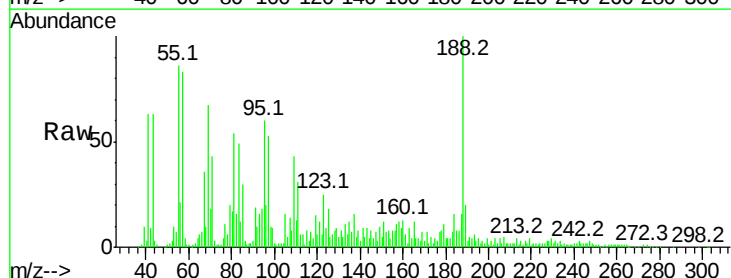
Tgt Ion: 188 Resp: 287304

Ion	Ratio	Lower	Upper
188	100		
94	18.3	8.5	12.7#
80	17.4	9.2	13.8#

188 100

94 18.3 8.5 12.7#

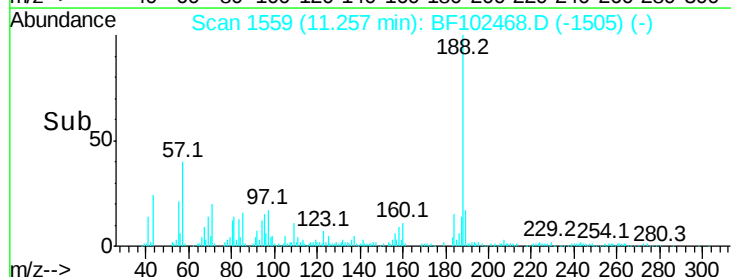
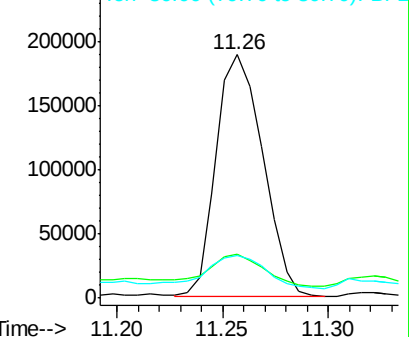
80 17.4 9.2 13.8#

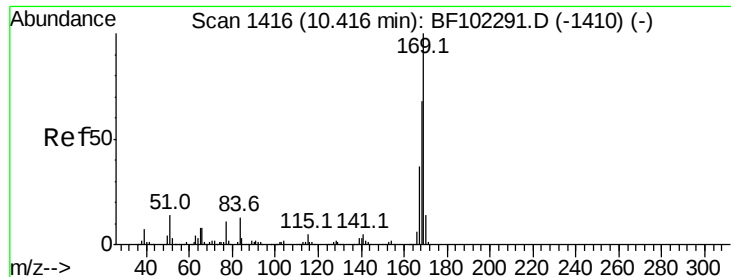


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

n-Nitrosodiphenylamine

Concen: 54.329 ng

RT: 10.42 min Scan# 1417

Delta R.T. 0.01 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

Instrument :

BNA_F

ClientSampleId :

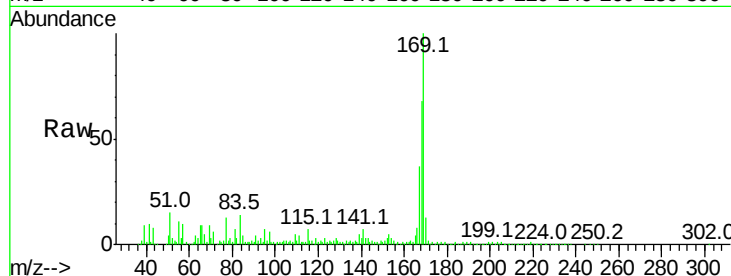
Tot Ion:169 Resp: 572910

Ion Ratio Lower Upper

169 100

168 67.7 54.4 81.6

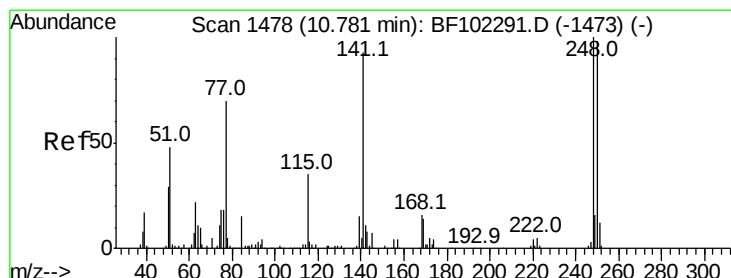
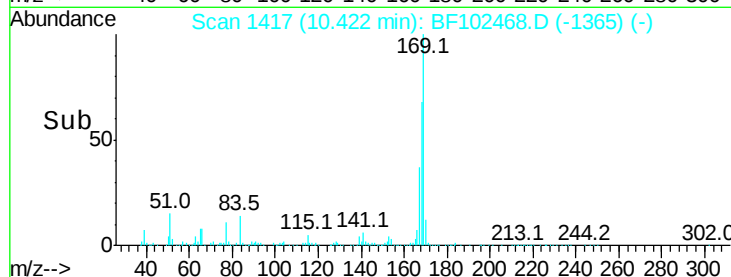
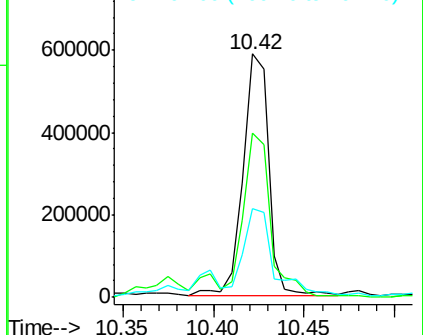
167 36.7 29.8 44.6



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: 47.276 ng

RT: 10.79 min Scan# 1480

Delta R.T. 0.01 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

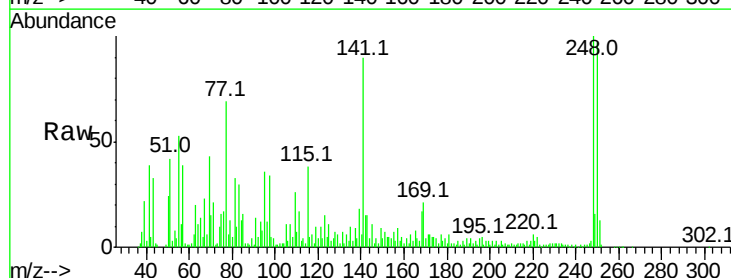
Tgt Ion:248 Resp: 146216

Ion Ratio Lower Upper

248 100

250 97.4 76.9 115.3

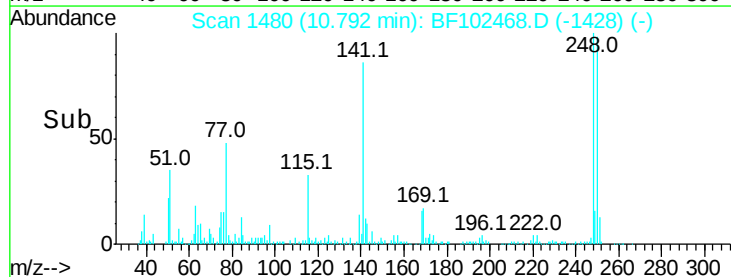
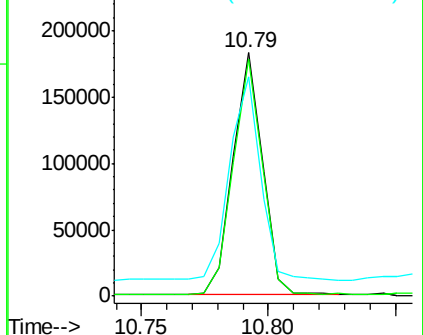
141 90.1 74.4 111.6

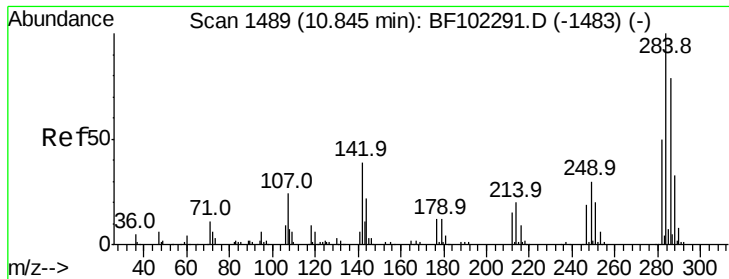


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.241 ng

RT: 10.87 min Scan# 1493

Delta R.T. 0.02 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

Instrument :

BNA_F

ClientSampleId :

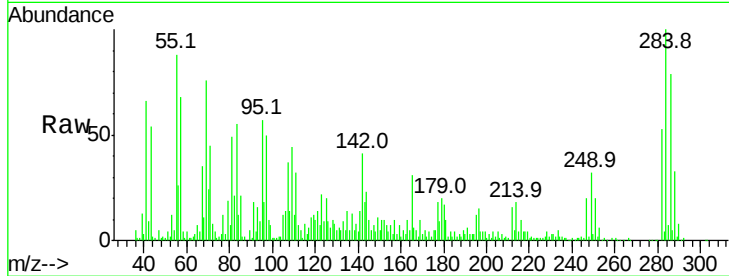
Tot Ion:284 Resp: 139191

Ion Ratio Lower Upper

284 100

142 41.0 34.6 52.0

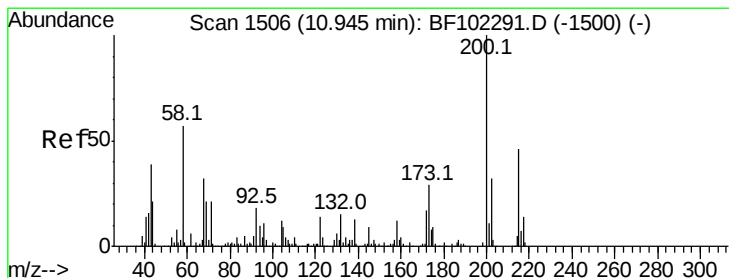
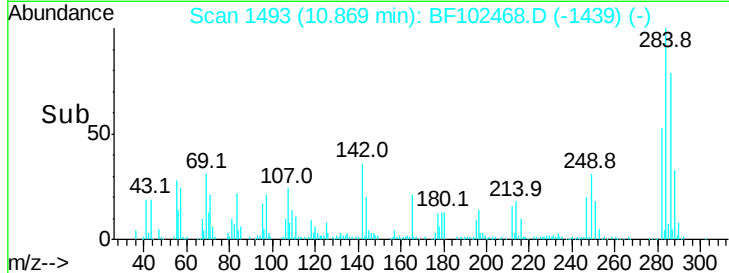
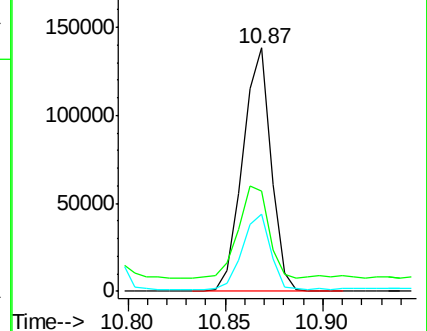
249 31.6 24.8 37.2



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: 47.297 ng

RT: 10.98 min Scan# 1512

Delta R.T. 0.04 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

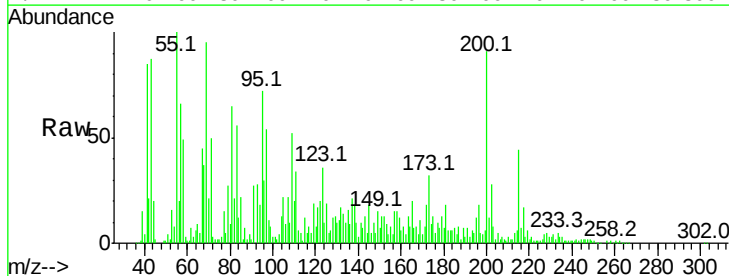
Tgt Ion:200 Resp: 147304

Ion Ratio Lower Upper

200 100

173 35.0 8.6 48.6

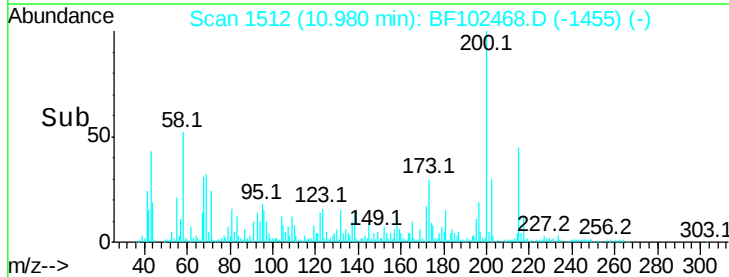
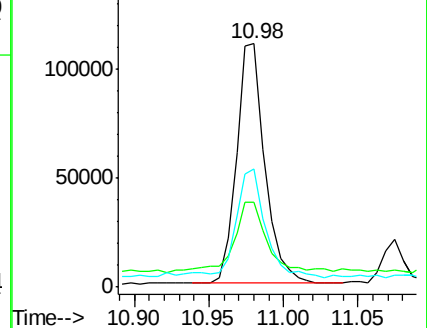
215 48.3 25.1 65.1

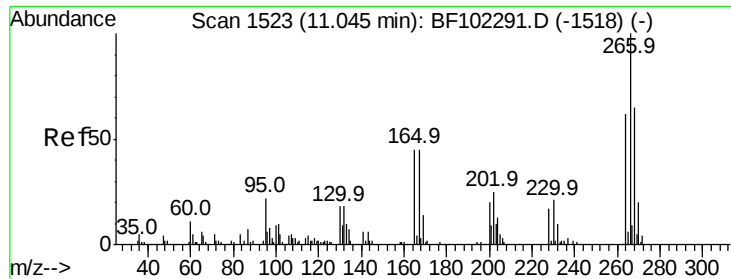


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

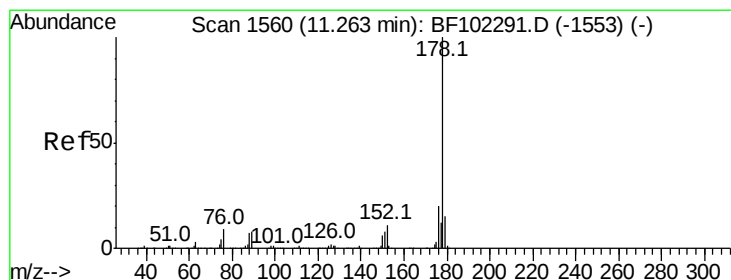
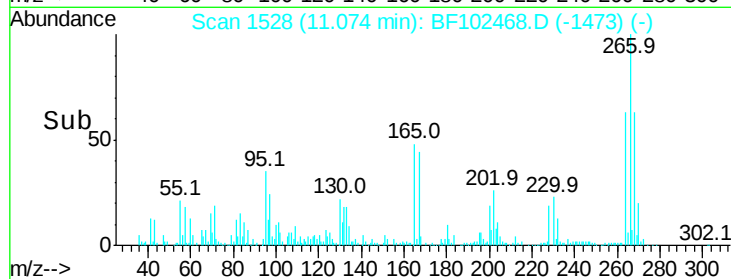
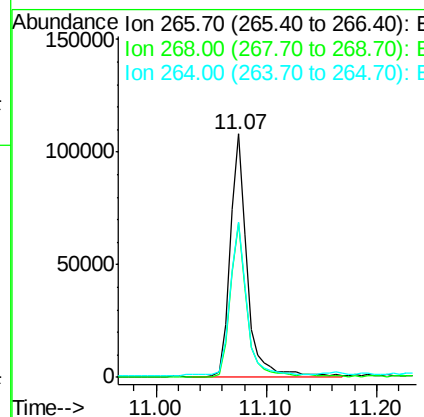
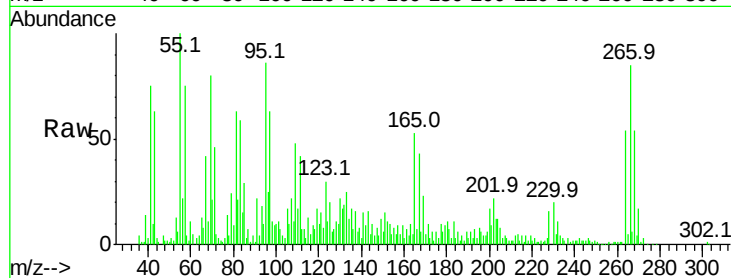




#69
 Pentachlorophenol
 Concen: 64.612 ng
 RT: 11.07 min Scan# 1528
 Delta R.T. 0.02 min
 Lab File: BF102468.D
 Acq: 26 Jan 2018 15:06

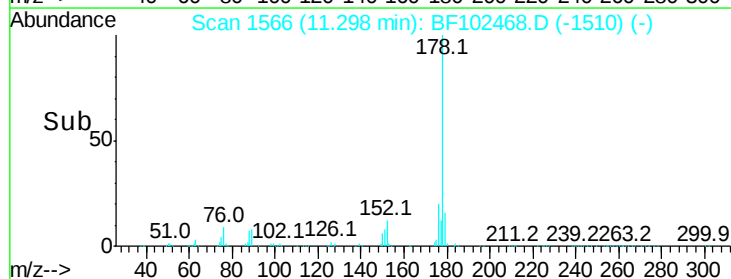
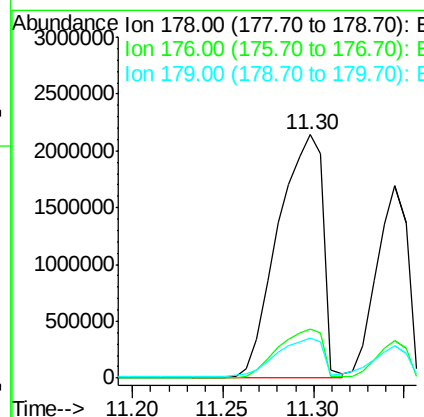
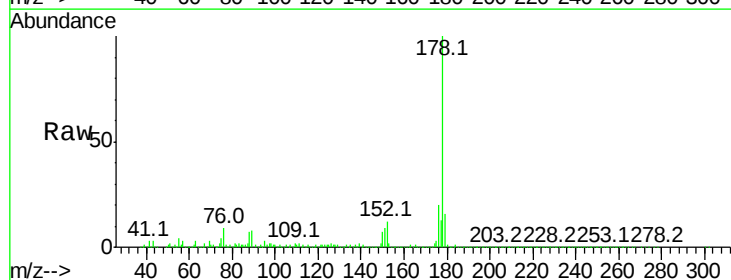
Instrument :
 BNA_F
 ClientSampled :

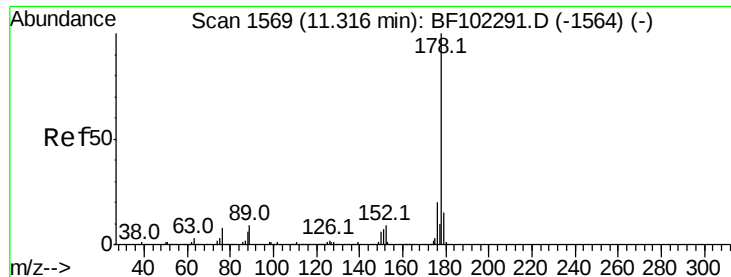
Tot Ion:266 Resp: 117404
 Ion Ratio Lower Upper
 266 100
 268 63.3 51.1 76.7
 264 63.7 49.5 74.3



#70
 Phenanthrene
 Concen: 220.348 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. 0.03 min
 Lab File: BF102468.D
 Acq: 26 Jan 2018 15:06

Tgt Ion:178 Resp: 3689030
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.8 23.8
 179 16.4 13.0 19.6



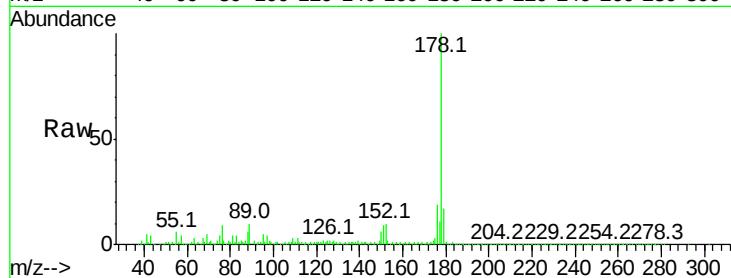


#71
 Anthracene
 Concen: 117.686 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. 0.03 min
 Lab File: BF102468.D
 Acq: 26 Jan 2018 15:06

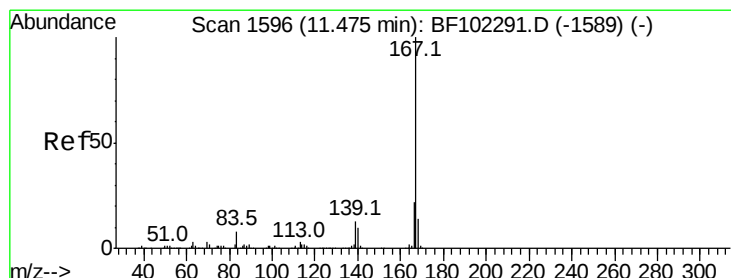
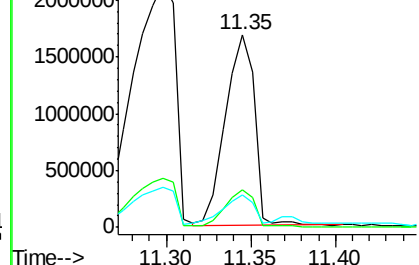
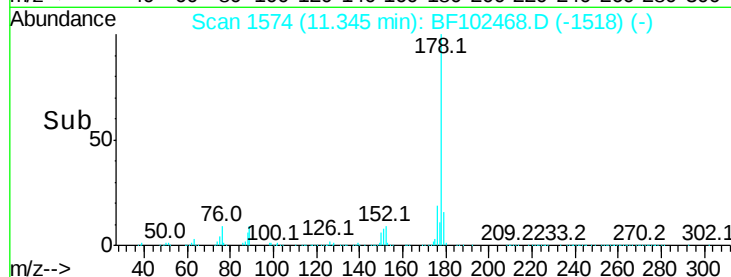
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 2011047

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	16.5	12.6	19.0



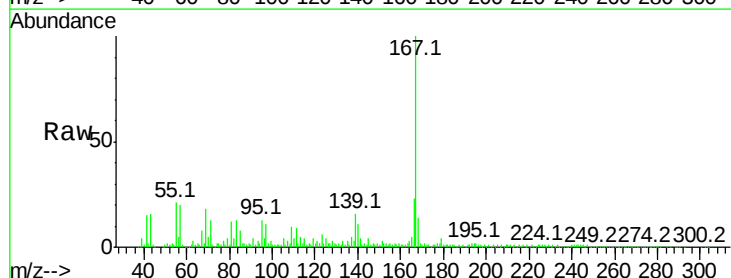
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



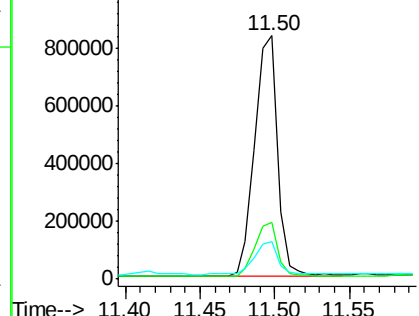
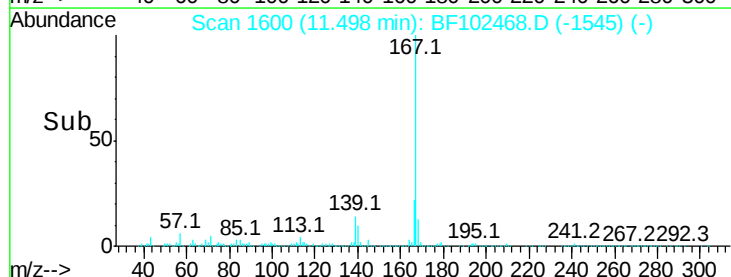
#72
 Carbazole
 Concen: 52.941 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. 0.02 min
 Lab File: BF102468.D
 Acq: 26 Jan 2018 15:06

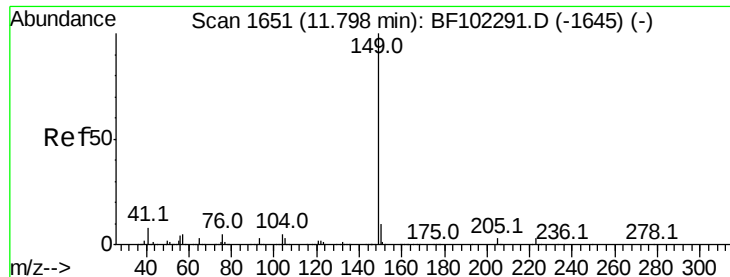
Tgt Ion:167 Resp: 882582

Ion	Ratio	Lower	Upper
167	100		
166	23.1	17.6	26.4
139	15.6	10.9	16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.562 ng

RT: 11.82 min Scan# 1655

Delta R.T. 0.02 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

Instrument :

BNA_F

ClientSampled :

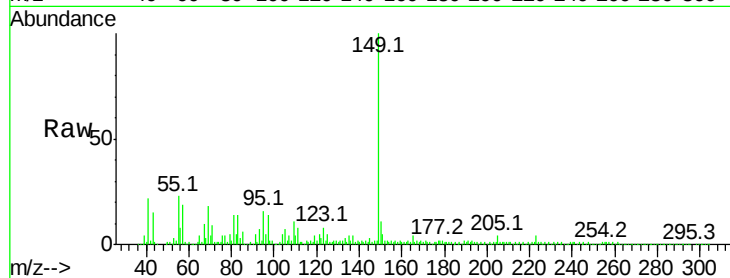
Tot Ion:149 Resp: 803562

Ion Ratio Lower Upper

149 100

150 10.5 7.8 11.6

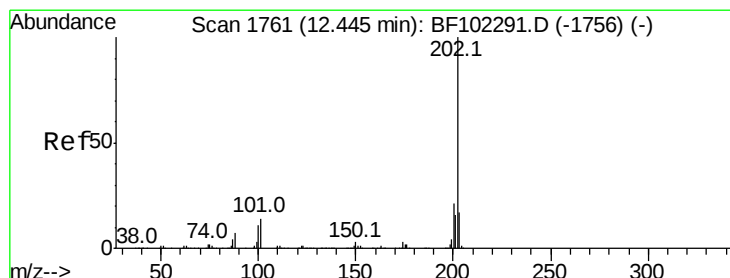
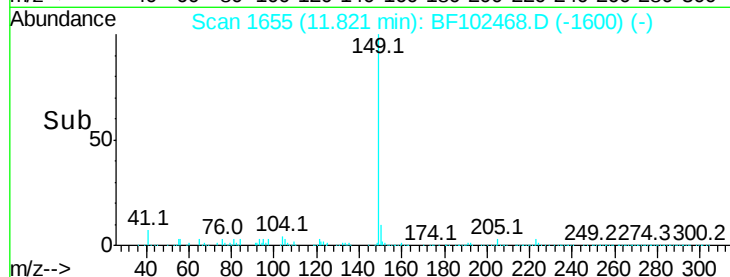
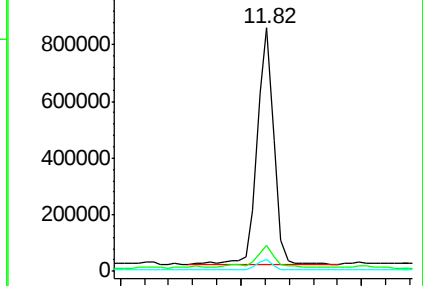
104 4.8 3.8 5.8



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: 208.932 ng

RT: 12.51 min Scan# 1772

Delta R.T. 0.06 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

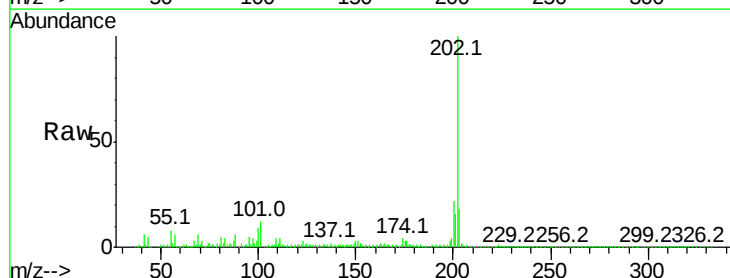
Tgt Ion:202 Resp: 3567010

Ion Ratio Lower Upper

202 100

101 12.2 0.0 34.1

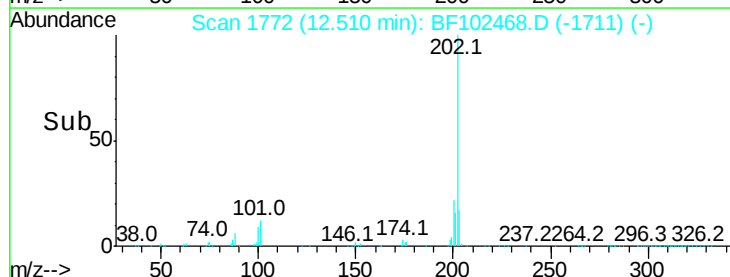
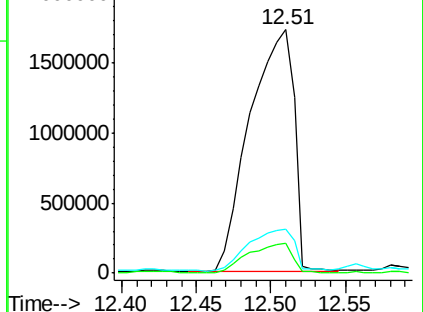
203 18.1 0.0 38.1

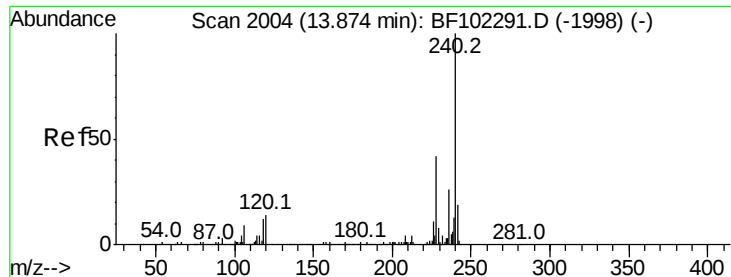


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.95 min Scan# 2017

Delta R.T. 0.07 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

Instrument :

BNA_F

ClientSampleId :

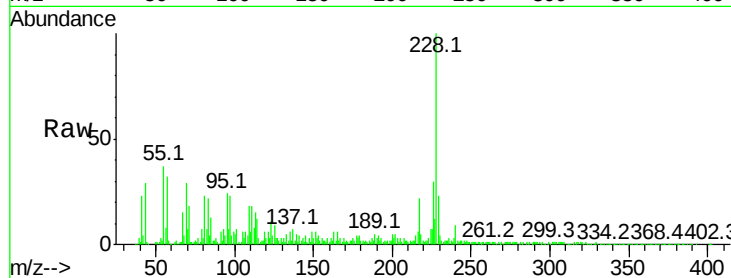
Tot Ion:240 Resp: 109108

Ion Ratio Lower Upper

240 100

120 38.3 9.5 14.3#

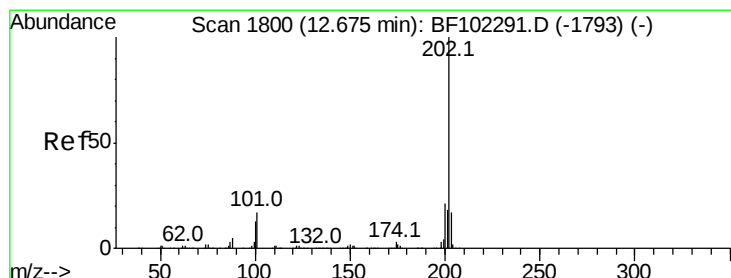
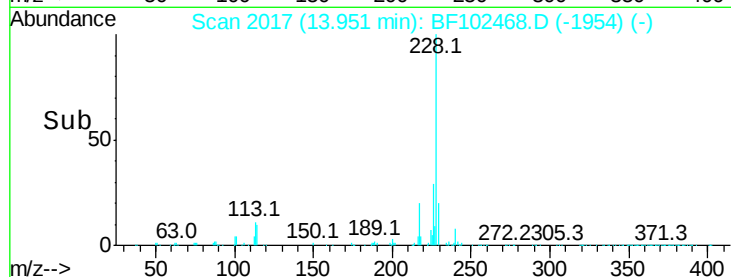
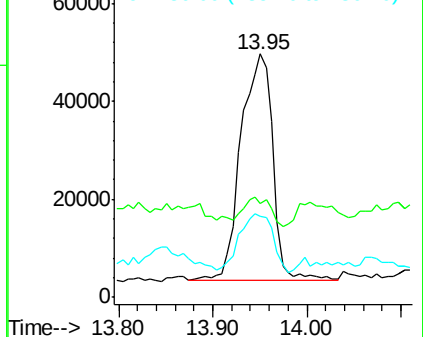
236 33.4 20.7 31.1#



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



#77

Pyrene

Concen: 337.271 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.06 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

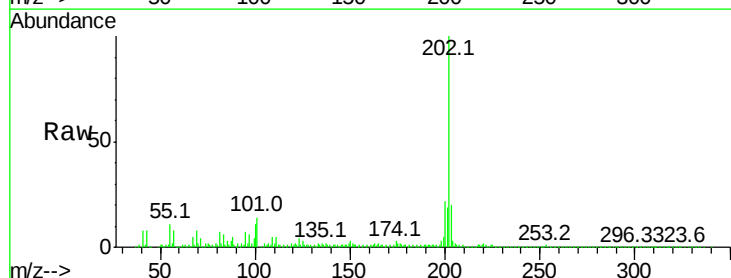
Tgt Ion:202 Resp: 2845163

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

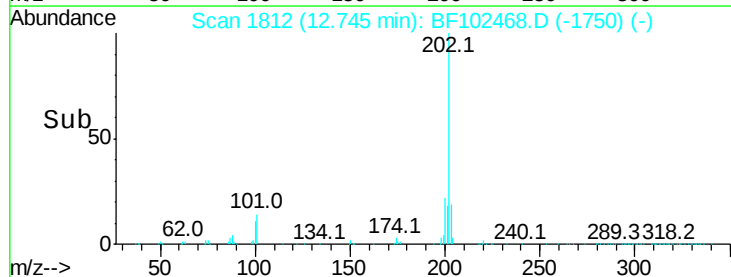
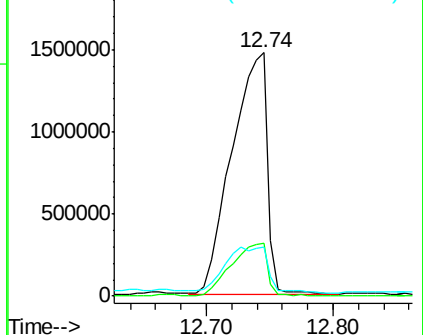
203 20.1 14.3 21.5

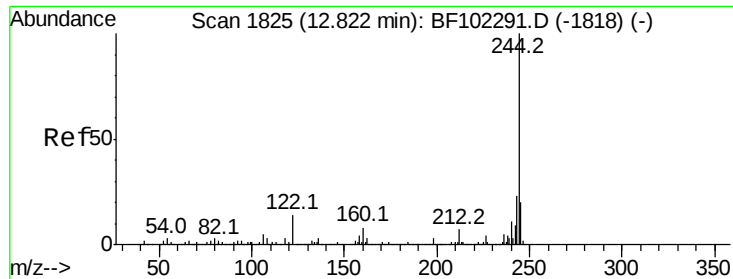


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 20.343 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.03 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

Instrument :

BNA_F

ClientSampleId :

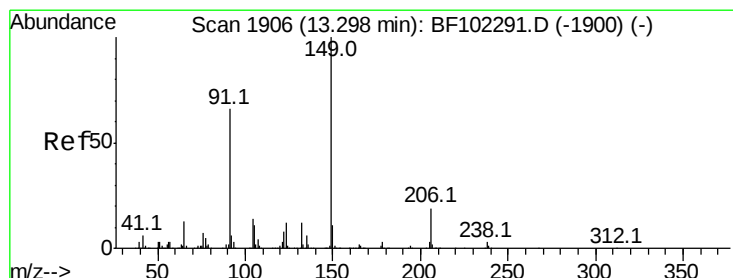
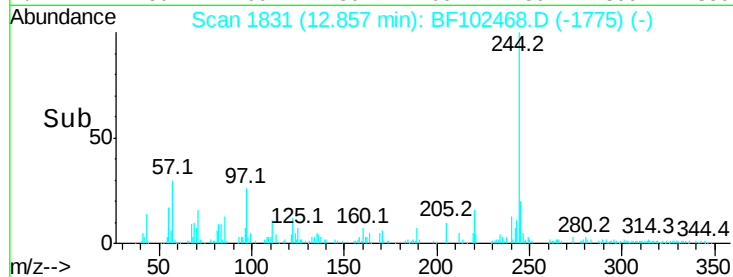
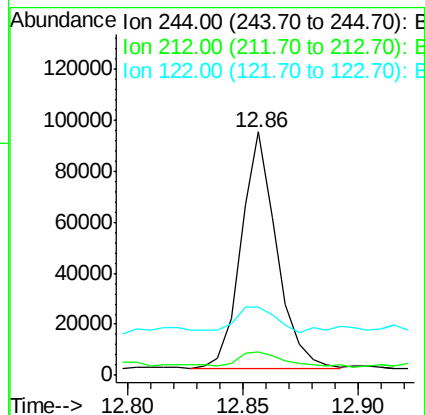
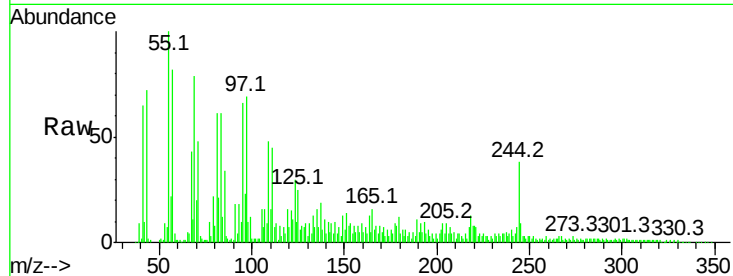
Tot Ion:244 Resp: 98458

Ion Ratio Lower Upper

244 100

212 9.4 5.4 8.0#

122 28.1 11.0 16.4#



#79

Butylbenzylphthalate

Concen: 49.145 ng

RT: 13.33 min Scan# 1912

Delta R.T. 0.04 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

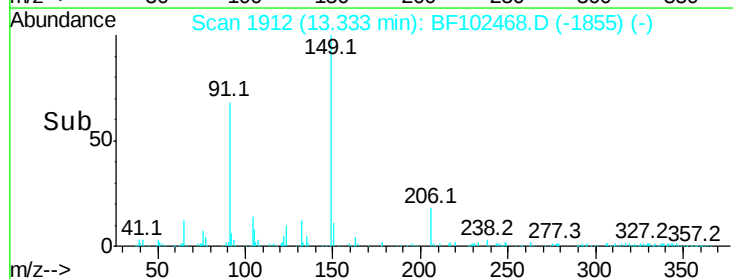
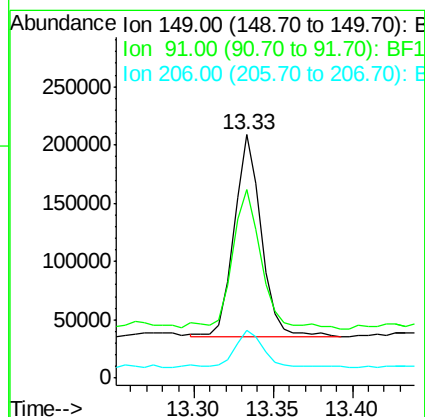
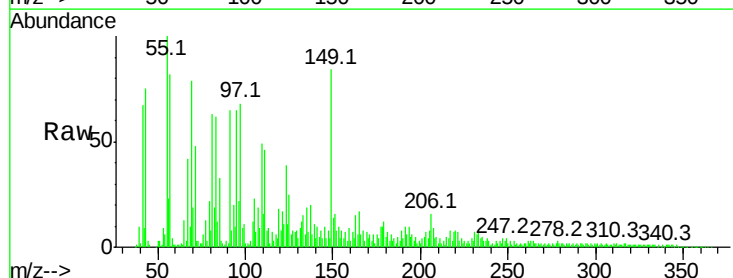
Tgt Ion:149 Resp: 206319

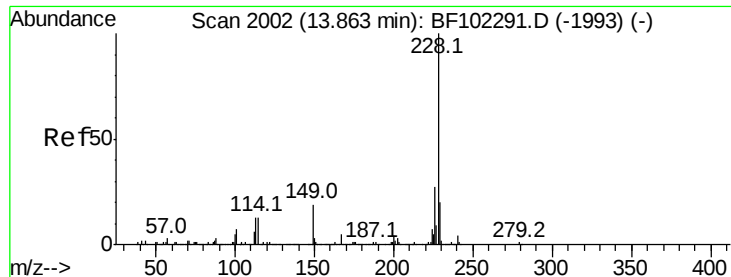
Ion Ratio Lower Upper

149 100

91 77.7 56.8 85.2

206 19.4 14.1 21.1





#80

Benzo(a)anthracene

Concen: 252.837 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.06 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

Instrument :

BNA_F

ClientSampleId :

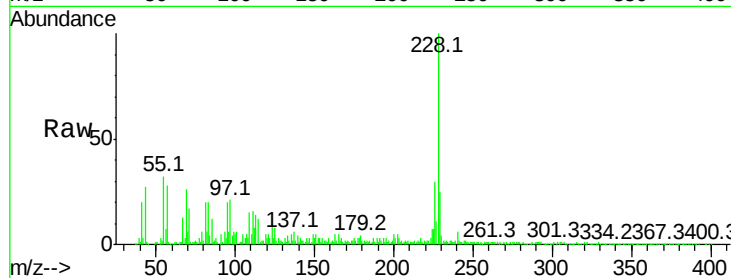
Tot Ion:228 Resp: 1698416

Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.6	33.8
229	25.4	15.8	23.6

228 100

226 30.0 22.6 33.8

229 25.4 15.8 23.6#

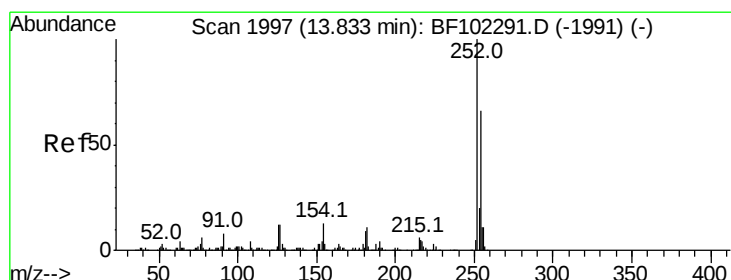
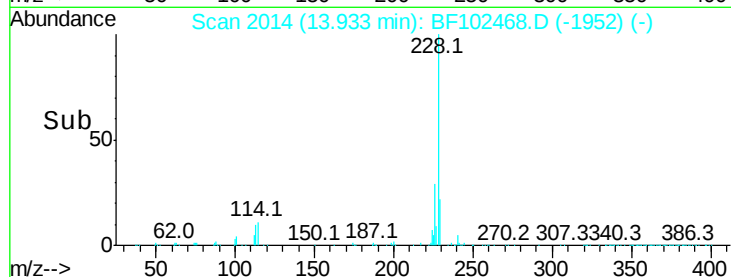
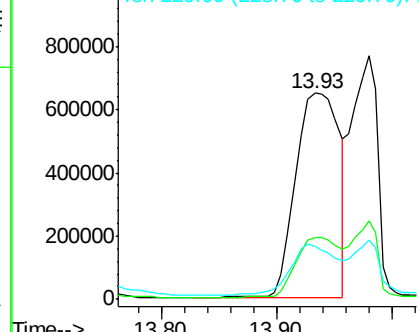


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 17.336 ng

RT: 13.89 min Scan# 2007

Delta R.T. 0.06 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

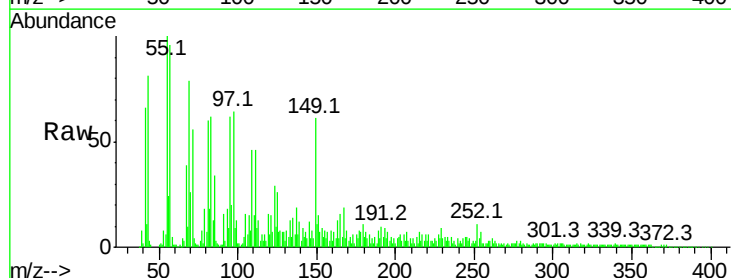
Tgt Ion:252 Resp: 42718

Ion	Ratio	Lower	Upper
252	100		
254	67.8	50.4	75.6
126	65.7	11.3	16.9

252 100

254 67.8 50.4 75.6

126 65.7 11.3 16.9#

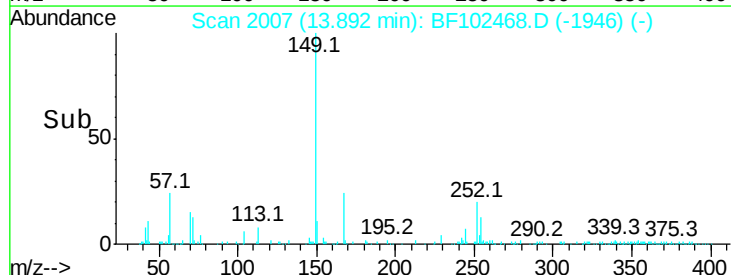
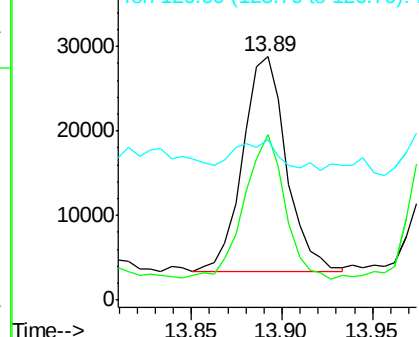


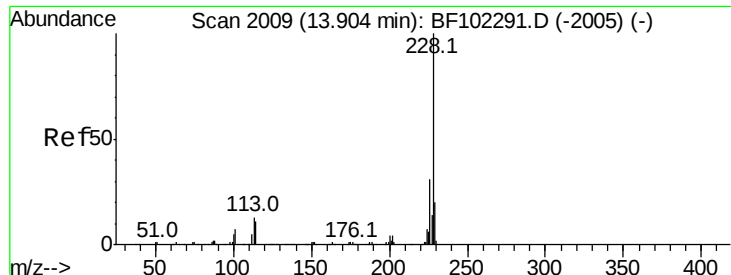
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

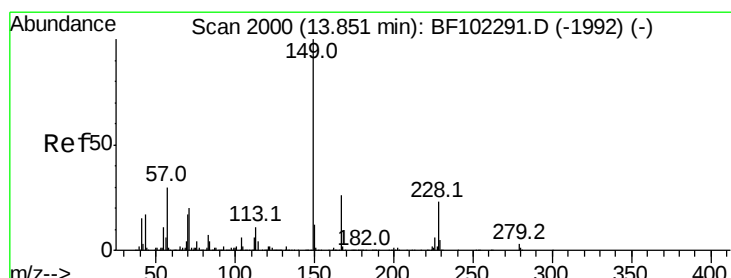
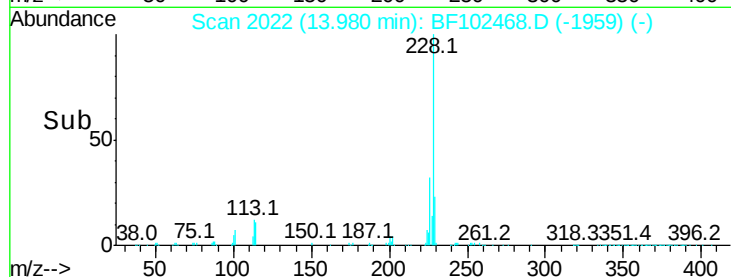
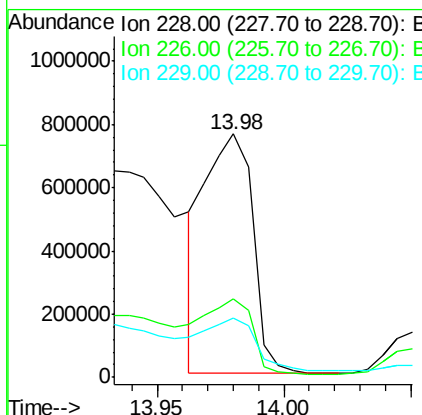
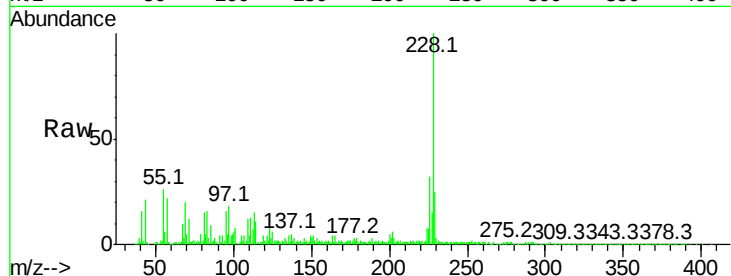




#82
Chrysene
Concen: 146.302 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.07 min
Lab File: BF102468.D
Acq: 26 Jan 2018 15:06

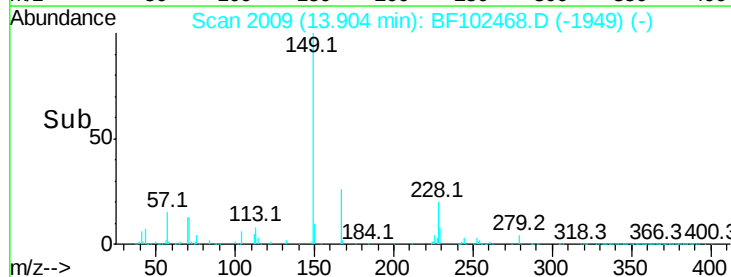
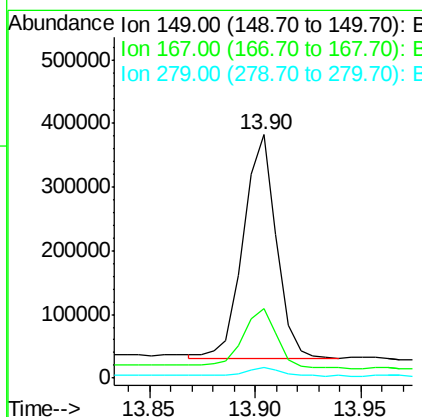
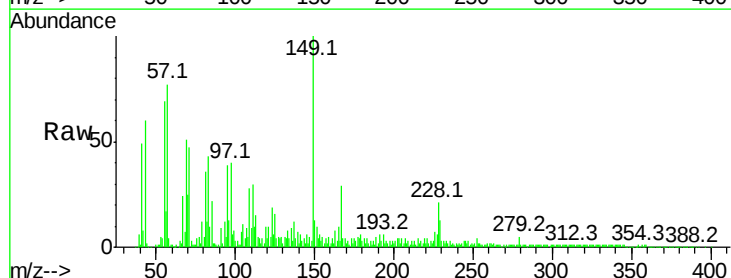
Instrument :
BNA_F
ClientSampleId :

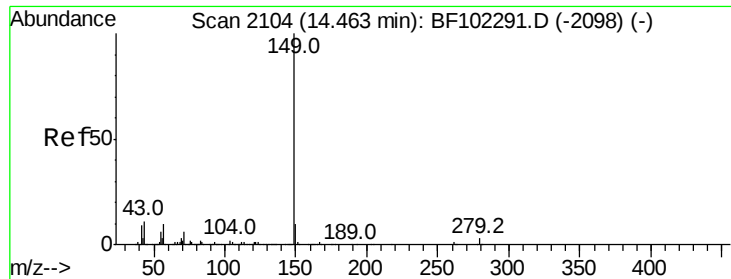
Tot Ion:228 Resp: 997995
Ion Ratio Lower Upper
228 100
226 32.3 25.0 37.6
229 24.6 16.2 24.4#



#83
Bis(2-ethylhexyl)phthalate
Concen: 67.094 ng
RT: 13.90 min Scan# 2009
Delta R.T. 0.05 min
Lab File: BF102468.D
Acq: 26 Jan 2018 15:06

Tgt Ion:149 Resp: 378533
Ion Ratio Lower Upper
149 100
167 28.8 21.3 31.9
279 4.6 3.0 4.4#





#84

Di-n-octyl phthalate

Concen: 44.544 ng

RT: 14.52 min Scan# 2113

Delta R.T. 0.05 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

Instrument :

BNA_F

ClientSampled :

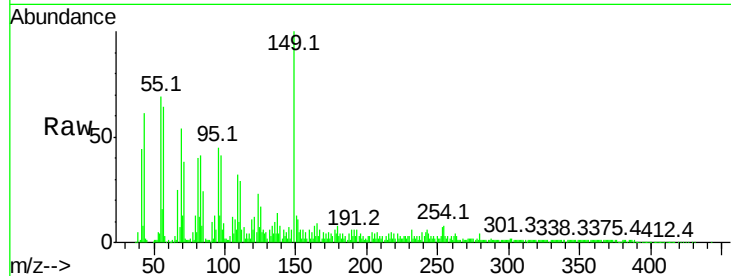
Tot Ion:149 Resp: 408696

Ion Ratio Lower Upper

149 100

167 1.3 1.2 1.8

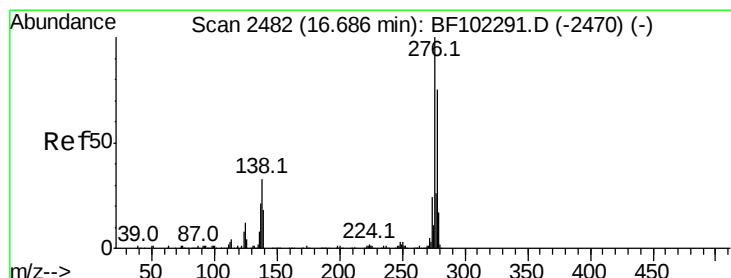
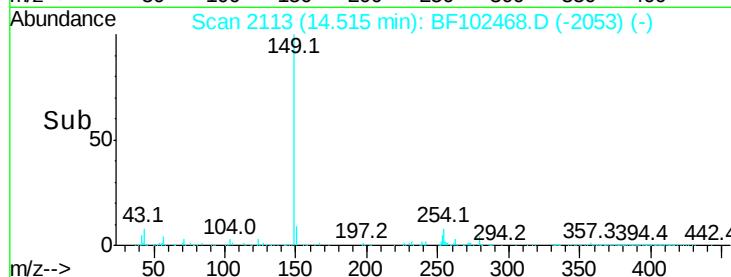
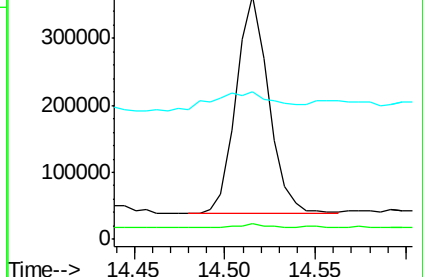
43 17.5 8.4 12.6#



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: 219.300 ng

RT: 16.86 min Scan# 2511

Delta R.T. 0.15 min

Lab File: BF102468.D

Acq: 26 Jan 2018 15:06

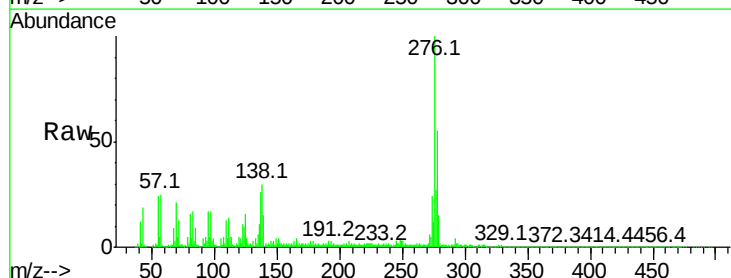
Tgt Ion:276 Resp: 1235457

Ion Ratio Lower Upper

276 100

138 24.8 25.0 37.6#

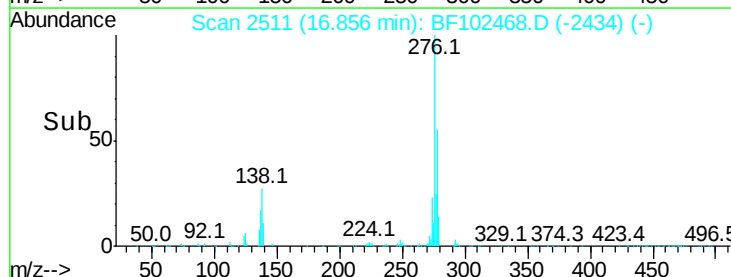
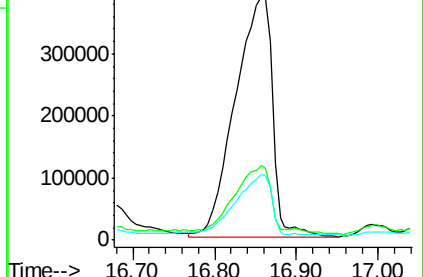
277 23.8 20.1 30.1

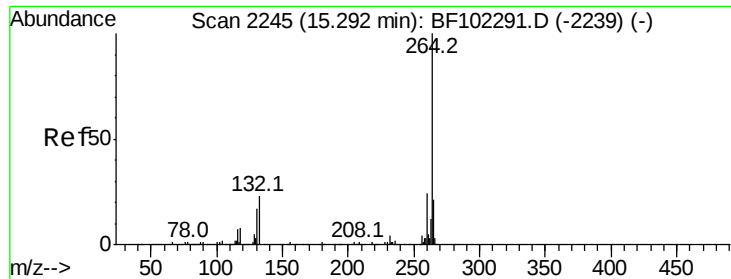


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

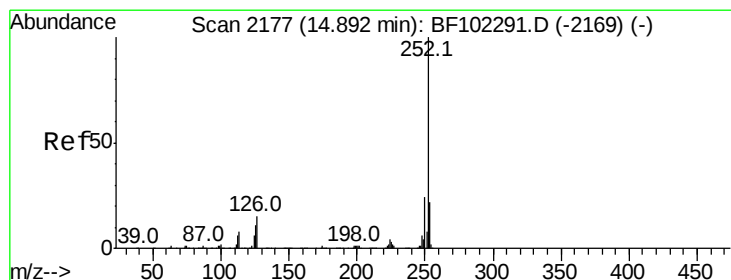
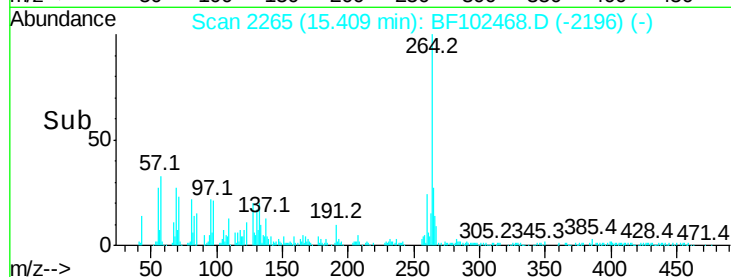
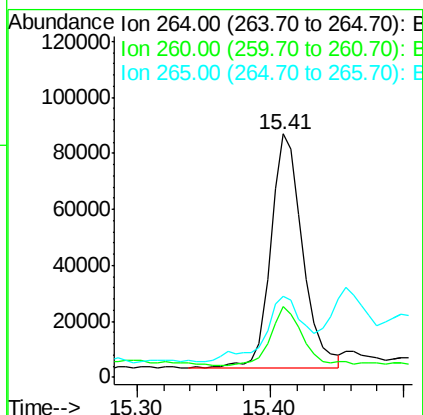
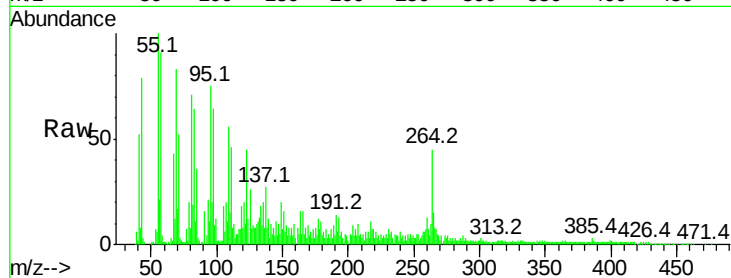




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.11 min
Lab File: BF102468.D
Acq: 26 Jan 2018 15:06

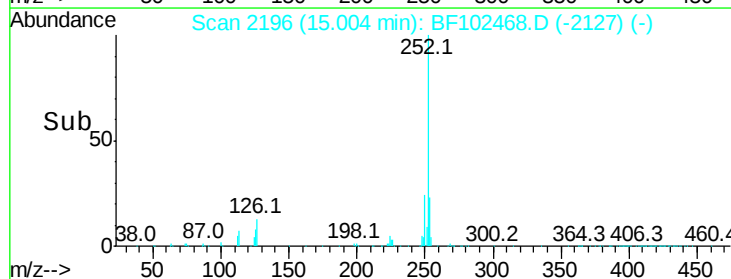
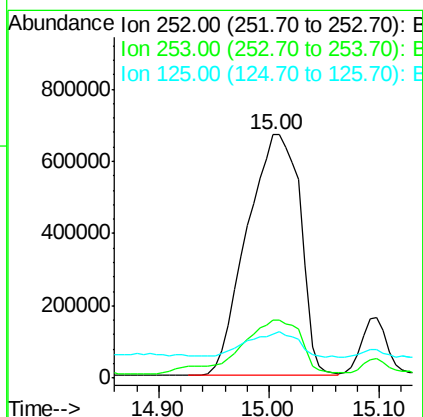
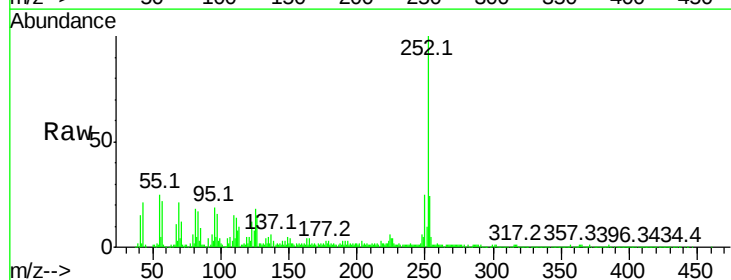
Instrument :
BNA_F
ClientSampleId :

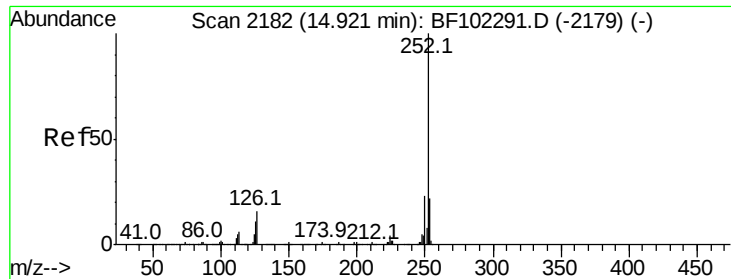
Tot Ion:264 Resp: 140787
Ion Ratio Lower Upper
264 100
260 28.8 19.2 28.8#
265 33.3 17.5 26.3#



#87
Benzo(b)fluoranthene
Concen: 246.059 ng
RT: 15.00 min Scan# 2196
Delta R.T. 0.11 min
Lab File: BF102468.D
Acq: 26 Jan 2018 15:06

Tgt Ion:252 Resp: 2245316
Ion Ratio Lower Upper
252 100
253 23.8 17.0 25.6
125 17.9 9.0 13.6#

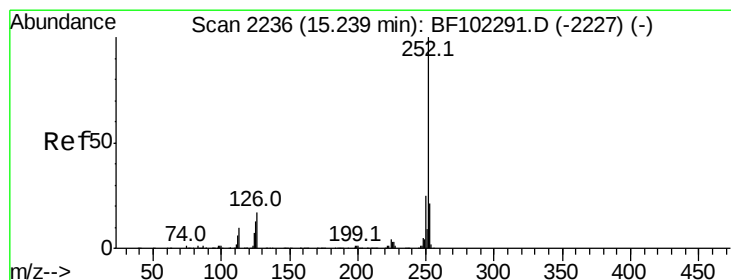
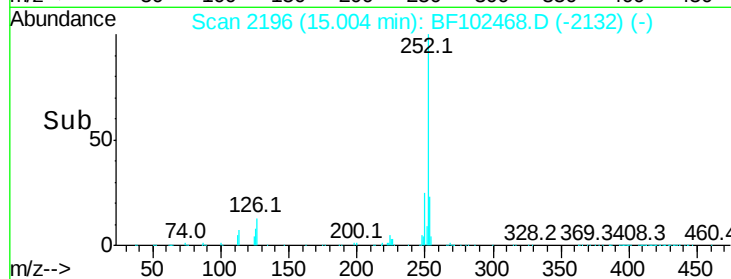
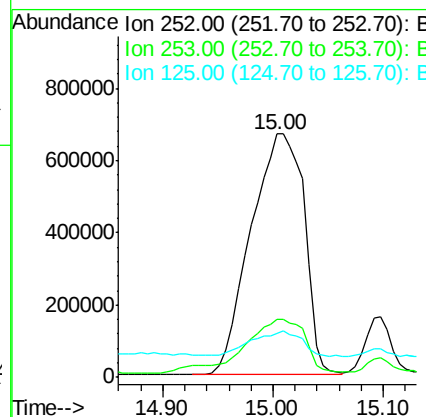
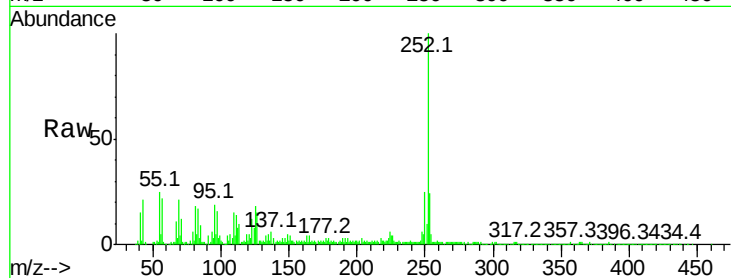




#88
Benzo(k)fluoranthene
Concen: 260.441 ng
RT: 15.00 min Scan# 2196
Delta R.T. 0.08 min
Lab File: BF102468.D
Acq: 26 Jan 2018 15:06

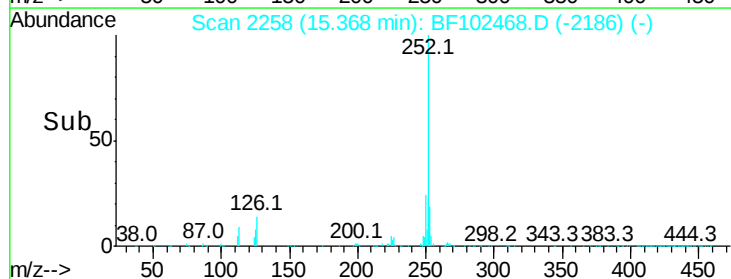
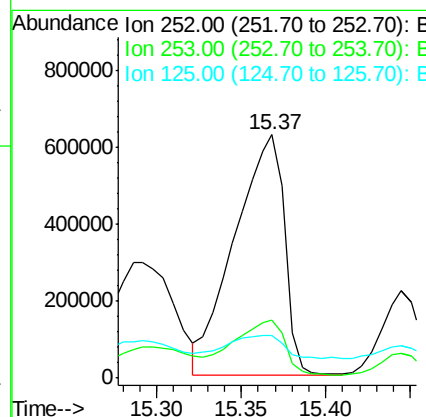
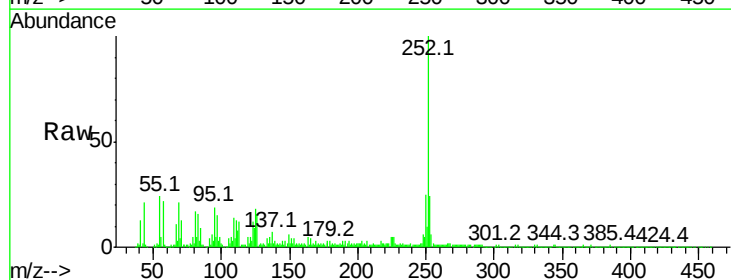
Instrument :
BNA_F
ClientSampleId :

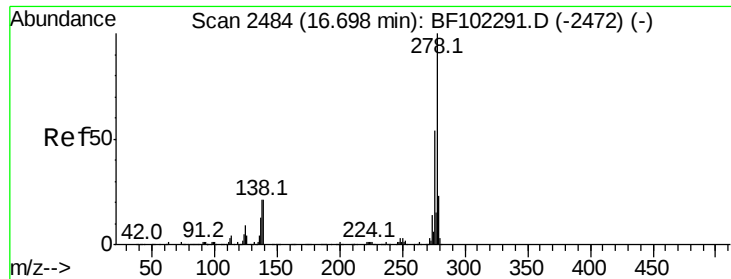
Tot Ion:252 Resp: 2245316
Ion Ratio Lower Upper
252 100
253 23.8 17.9 26.9
125 17.9 10.2 15.2#



#89
Benzo(a)pyrene
Concen: 156.437 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.12 min
Lab File: BF102468.D
Acq: 26 Jan 2018 15:06

Tgt Ion:252 Resp: 1287450
Ion Ratio Lower Upper
252 100
253 24.1 17.1 25.7
125 17.6 9.8 14.6#

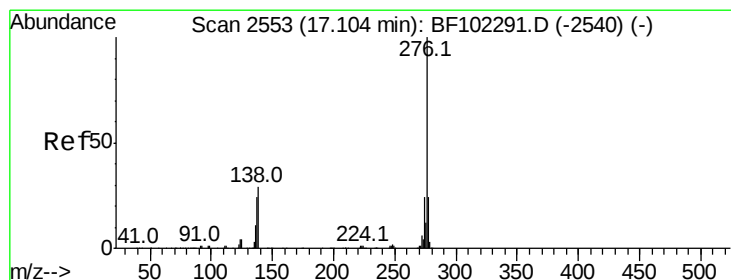
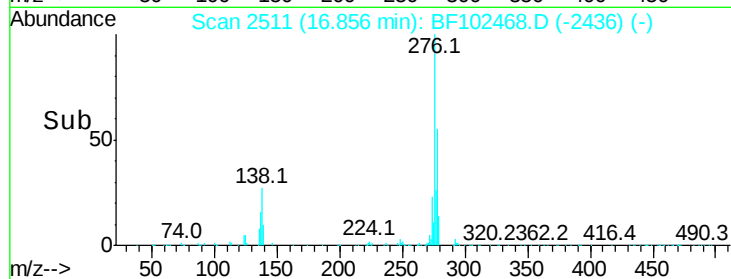
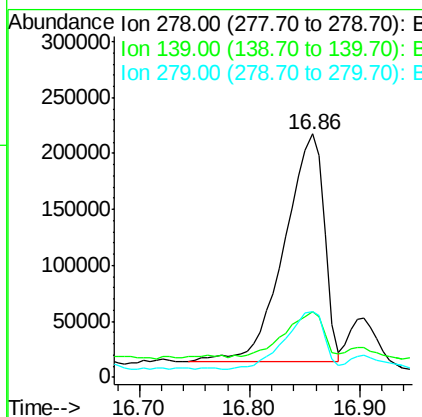
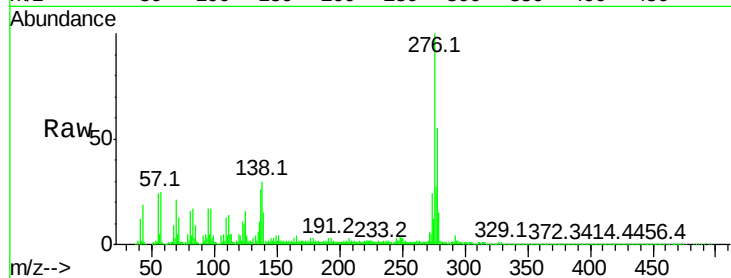




#90
Dibenzo(a,h)anthracene
Concen: 74.889 ng
RT: 16.86 min Scan# 2511
Delta R.T. 0.14 min
Lab File: BF102468.D
Acq: 26 Jan 2018 15:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	26.9	15.9	23.9
279	27.1	19.0	28.4



#91
Benzo(g,h,i)perylene
Concen: 168.353 ng
RT: 17.29 min Scan# 2585
Delta R.T. 0.16 min
Lab File: BF102468.D
Acq: 26 Jan 2018 15:06

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.1	17.9	26.9
138	29.4	21.8	32.8

