

Data Path : Z:\HPCHEM1\BNA F\Data\BF012218\
 Data File : BF102291.D
 Acq On : 22 Jan 2018 11:28
 Operator : SJ/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 22 12:34:03 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 22 12:26:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.716	152	133595	20.00	ng	0.00
21) Naphthalene-d8	7.998	136	561784	20.00	ng	0.00
38) Acenaphthene-d10	9.751	164	256668	20.00	ng	0.00
63) Phenanthrene-d10	11.233	188	447841	20.00	ng	0.00
75) Chrysene-d12	13.874	240	348363	20.00	ng	0.00
86) Perylene-d12	15.292	264	307766	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.322	112	719373	76.04	ng	0.00
7) Phenol-d6	6.357	99	856753	75.90	ng	0.00
23) Nitrobenzene-d5	7.287	82	788934	82.52	ng	0.00
41) 2,4,6-Tribromophenol	10.545	330	202137	90.24	ng	0.00
44) 2-Fluorobiphenyl	9.081	172	1402771	85.38	ng	0.00
78) Terphenyl-d14	12.822	244	1205357	71.84	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.369	88	170473	36.11	ng	98
3) Pyridine	3.075	79	458607	35.57	ng	95
4) n-Nitrosodimethylamine	3.040	42	179111	33.17	ng	97
6) Aniline	6.381	93	570870	35.89	ng	# 89
8) 2-Chlorophenol	6.504	128	380299	40.08	ng	96
9) Benzaldehyde	6.269	77	240394	30.67	ng	94
10) Phenol	6.375	94	471501	36.96	ng	# 71
11) bis(2-Chloroethyl)ether	6.457	93	363429	37.43	ng	97
12) 1,3-Dichlorobenzene	6.657	146	444191	40.61	ng	99
13) 1,4-Dichlorobenzene	6.734	146	446921	40.95	ng	100
14) 1,2-Dichlorobenzene	6.887	146	411504	40.73	ng	99
15) Benzyl Alcohol	6.863	79	305759	37.03	ng	98
16) 2,2'-oxybis(1-Chloropr...	6.998	45	610699	34.12	ng	98
17) 2-Methylphenol	6.981	107	331570	38.74	ng	98
18) Hexachloroethane	7.228	117	156628	40.75	ng	96
19) n-Nitroso-di-n-propyla...	7.140	70	264142	35.71	ng	98
20) 3+4-Methylphenols	7.134	107	396370	38.57	ng	# 65
22) Acetophenone	7.134	105	525731	38.84	ng	# 89
24) Nitrobenzene	7.304	77	408570	39.77	ng	100
25) Isophorone	7.545	82	704366	37.29	ng	98
26) 2-Nitrophenol	7.622	139	219910	51.15	ng	89
27) 2,4-Dimethylphenol	7.663	122	310781	38.70	ng	97
28) bis(2-Chloroethoxy)met...	7.757	93	437178	38.33	ng	99
29) 2,4-Dichlorophenol	7.863	162	315676	41.40	ng	97
30) 1,2,4-Trichlorobenzene	7.940	180	334326	41.92	ng	98
31) Naphthalene	8.022	128	1116391	39.77	ng	99
32) Benzoic acid	7.804	122	240165	39.44	ng	98
33) 4-Chloroaniline	8.075	127	475549	39.69	ng	99
34) Hexachlorobutadiene	8.134	225	182342	43.19	ng	99
35) Caprolactam	8.457	113	105680	40.37	ng	97
36) 4-Chloro-3-methylphenol	8.563	107	333631	39.97	ng	97
37) 2-Methylnaphthalene	8.710	142	744108	40.27	ng	99
39) 1,2,4,5-Tetrachloroben...	8.881	216	309974	42.69	ng	100
40) Hexachlorocyclopentadiene	8.863	237	147470	37.14	ng	99

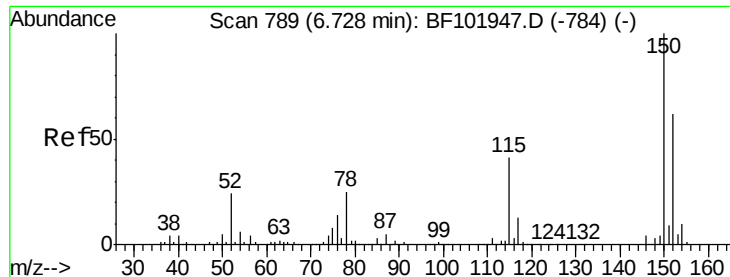
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.992	196	208465	41.66	nq	99
43) 2,4,5-Trichlorophenol	9.034	196	236124	41.75	nq	99
45) 1,1'-Biphenyl	9.181	154	902631	39.79	nq	98
46) 2-Chloronaphthalene	9.204	162	711979	40.47	nq	97
47) 2-Nitroaniline	9.304	65	222522	42.23	nq	98
48) Acenaphthylene	9.616	152	1103217	39.51	nq	99
49) Dimethylphthalate	9.481	163	836265	40.62	nq	100
50) 2,6-Dinitrotoluene	9.545	165	187871	45.68	nq	99
51) Acenaphthene	9.786	154	636967	37.59	nq	99
52) 3-Nitroaniline	9.716	138	217834	41.97	nq	99
53) 2,4-Dinitrophenol	9.822	184	80359	64.12	nq	# 19
54) Dibenzofuran	9.957	168	899191	38.66	nq	96
55) 4-Nitrophenol	9.881	139	152858	39.52	nq	95
56) 2,4-Dinitrotoluene	9.951	165	229598	44.54	nq	# 96
57) Fluorene	10.304	166	696037	43.29	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.081	232	164424	40.84	nq	98
59) Diethylphthalate	10.181	149	815761	39.83	nq	98
60) 4-Chlorophenyl-phenyle...	10.292	204	307807	44.96	nq	97
61) 4-Nitroaniline	10.333	138	218414	44.34	nq	91
62) Azobenzene	10.457	77	753389	36.97	nq	95
64) 4,6-Dinitro-2-methylph...	10.357	198	126463	57.43	nq	98
65) n-Nitrosodiphenylamine	10.416	169	647806	38.63	nq	100
66) 4-Bromophenyl-phenylether	10.781	248	193988	41.02	nq	99
67) Hexachlorobenzene	10.845	284	216999	42.03	nq	95
68) Atrazine	10.945	200	192759	39.77	nq	99
69) Pentachlorophenol	11.045	266	123509	39.23	nq	99
70) Phenanthrene	11.263	178	1027989	39.30	nq	99
71) Anthracene	11.316	178	1046657	39.45	nq	99
72) Carbazole	11.475	167	1023617	39.25	nq	99
73) Di-n-butylphthalate	11.798	149	1300406	40.65	nq	100
74) Fluoranthene	12.445	202	1048815	40.75	nq	99
76) Benzidine	12.575	184	437498	26.01	nq	98
77) Pyrene	12.675	202	1082511	35.15	nq	99
79) Butylbenzylphthalate	13.298	149	552328	39.08	nq	94
80) Benzo(a)anthracene	13.863	228	843325	37.94	nq	99
81) 3,3'-Dichlorobenzidine	13.833	252	319550	38.83	nq	96
82) Chrysene	13.904	228	863863	37.27	nq	99
83) Bis(2-ethylhexyl)phtha...	13.851	149	737917	45.52	nq	# 99
84) Di-n-octyl phthalate	14.463	149	1189928	44.23	nq	100
85) Indeno(1,2,3-cd)pyrene	16.686	276	670373	39.74	nq	98
87) Benzo(b)fluoranthene	14.892	252	815200	40.62	nq	99
88) Benzo(k)fluoranthene	14.921	252	730379	37.73	nq	98
89) Benzo(a)pyrene	15.239	252	723207	40.05	nq	99
90) Dibenzo(a,h)anthracene	16.698	278	555192	38.53	nq	98
91) Benzo(g,h,i)perylene	17.104	276	543758	37.46	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.716 min Scan# 78

Delta R.T. 0.000 min

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Instrument :

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ClientSampleId :

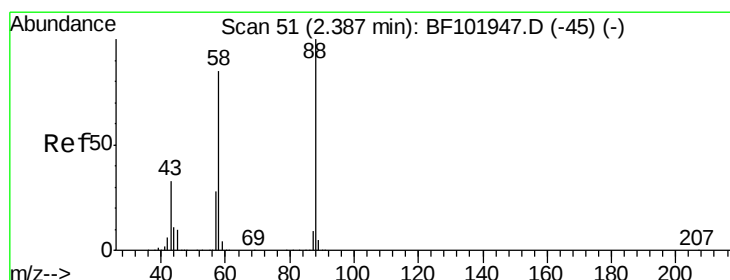
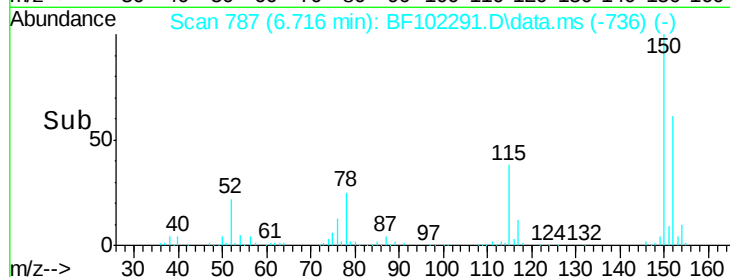
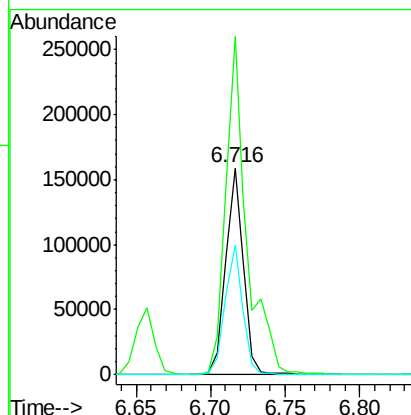
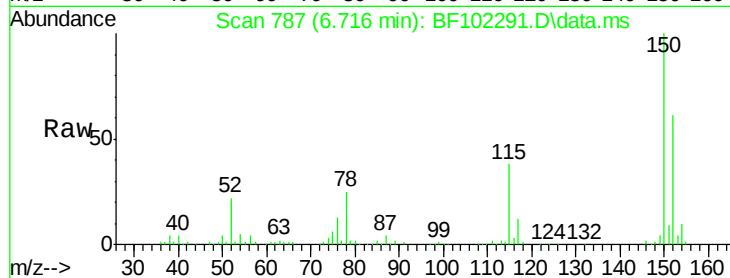
Tot Ion:152 Resp: 133595

Ion Ratio Lower Upper

152 100

150 163.6 124.6 186.8

115 62.6 50.1 75.1



#2

1,4-Dioxane

Concen: 36.11 ng

RT: 2.369 min Scan# 48

Delta R.T. 0.000 min

Lab File: BF102291.D

Acq: 22 Jan 2018 11:28

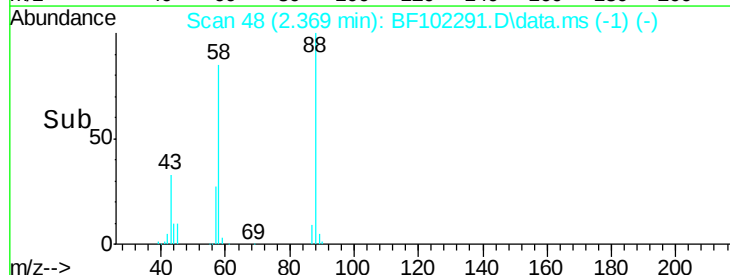
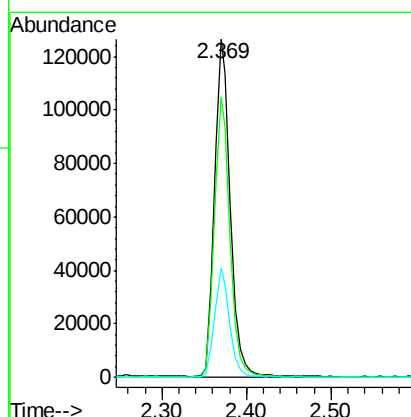
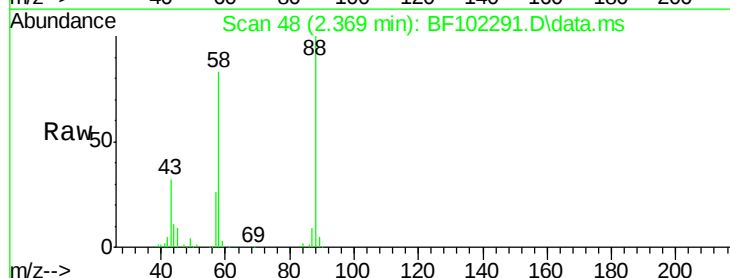
Tgt Ion: 88 Resp: 170473

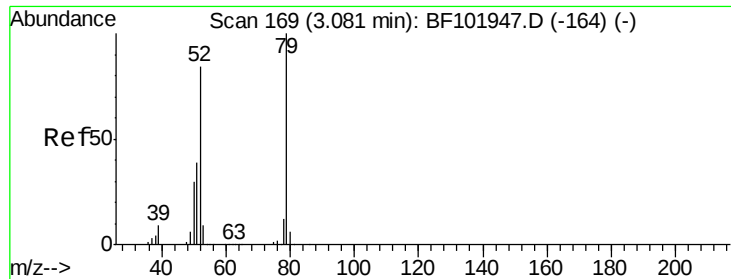
Ion Ratio Lower Upper

88 100

58 80.9 62.6 93.8

43 30.5 24.6 37.0





#3

Pvridine

Concen: 35.57 ng

RT: 3.075 min Scan# 16

Delta R.T. 0.000 min

Lab File: BF102291.D

Acq: 22 Jan 2018 11:28

Instrument :

BNA_F

ClientSampleId :

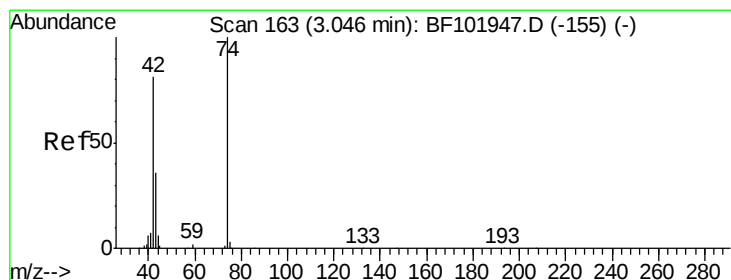
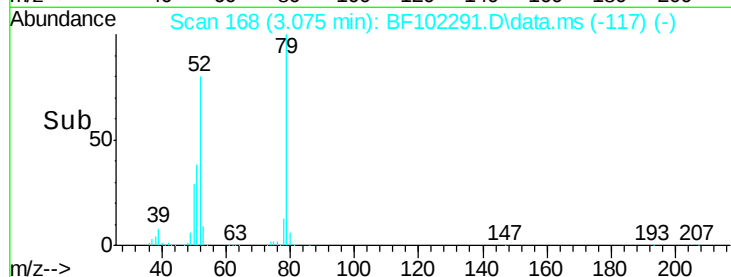
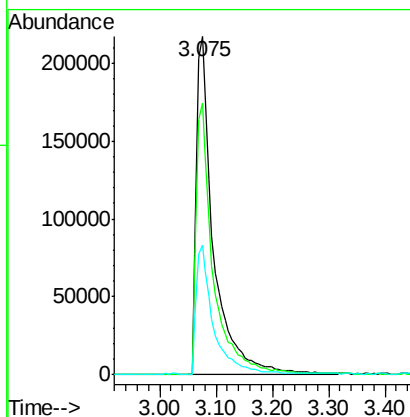
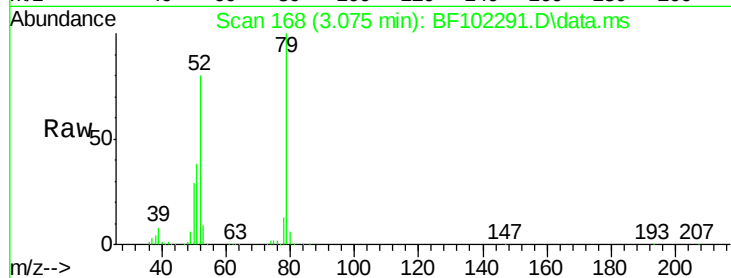
Tot Ion: 79 Resp: 458607

Ion Ratio Lower Upper

79 100

52 80.5 59.8 89.6

51 38.4 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 33.17 ng

RT: 3.040 min Scan# 162

Delta R.T. 0.000 min

Lab File: BF102291.D

Acq: 22 Jan 2018 11:28

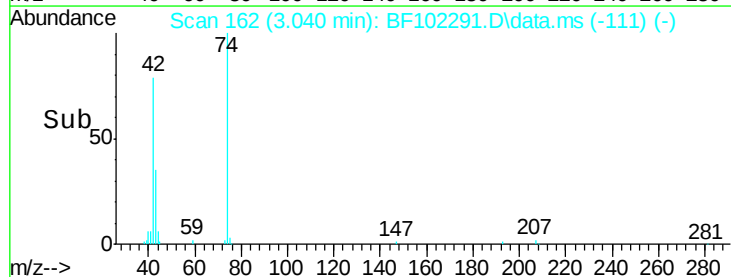
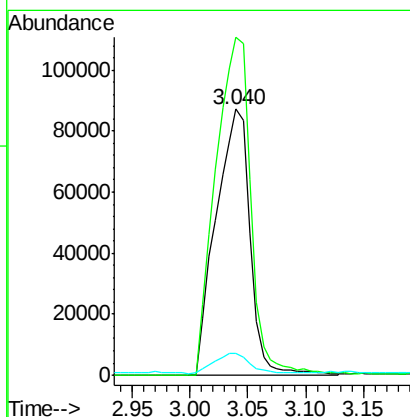
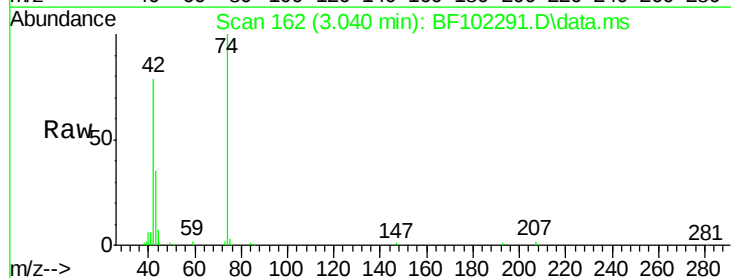
Tgt Ion: 42 Resp: 179111

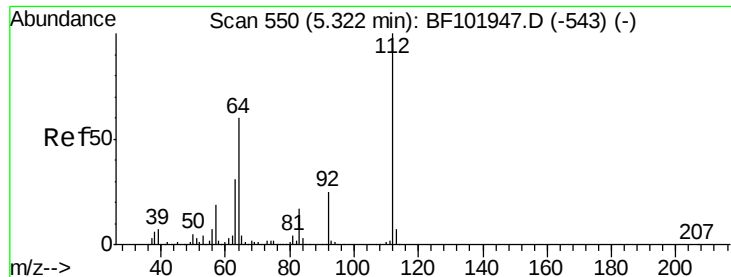
Ion Ratio Lower Upper

42 100

74 127.2 104.9 157.3

44 8.3 6.9 10.3





#5

2-Fluorophenol

Concen: 76.04 ng

RT: 5.322 min Scan# 550

Delta R.T. 0.000 min

Lab File: BF102291.D

Acq: 22 Jan 2018 11:28

Instrument :

BNA_F

ClientSampleId :

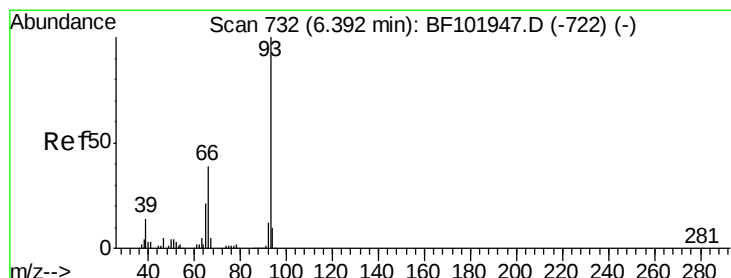
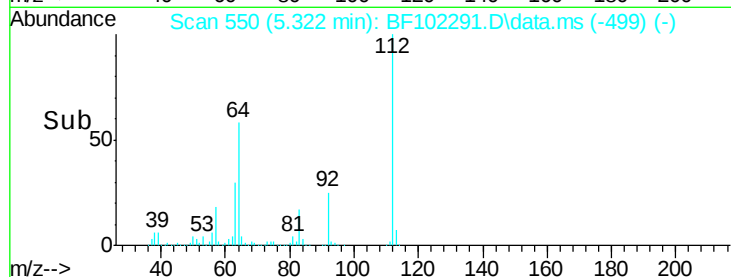
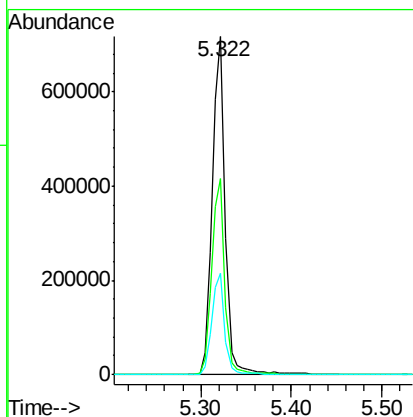
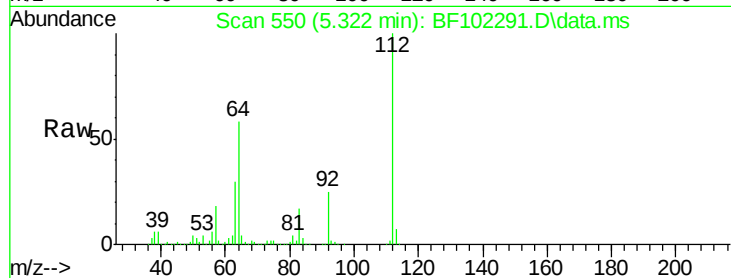
Tot Ion:112 Resp: 719373

Ion Ratio Lower Upper

112 100

64 58.0 47.9 71.9

63 29.9 23.7 35.5



#6

Aniline

Concen: 35.89 ng

RT: 6.381 min Scan# 730

Delta R.T. 0.000 min

Lab File: BF102291.D

Acq: 22 Jan 2018 11:28

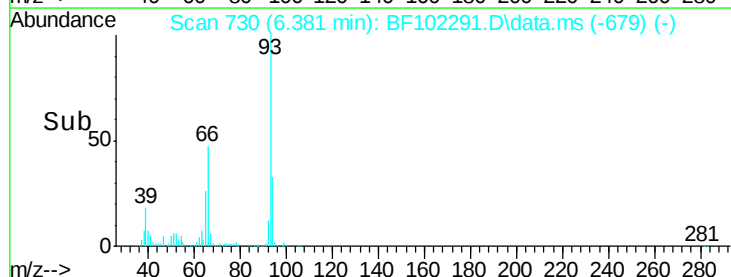
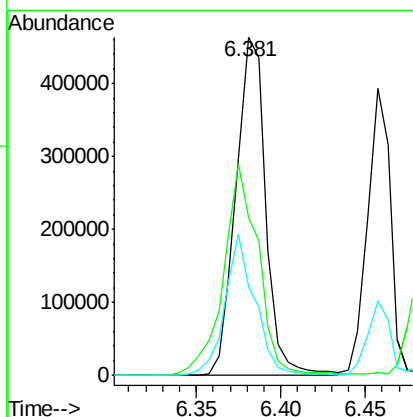
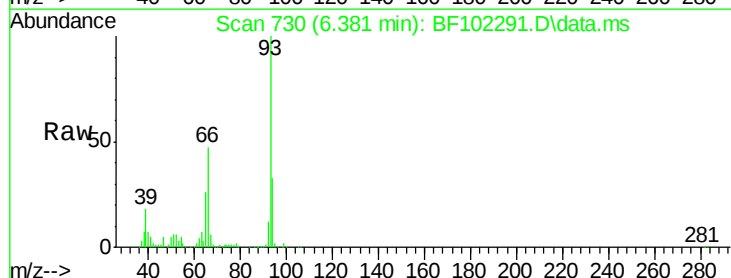
Tgt Ion: 93 Resp: 570870

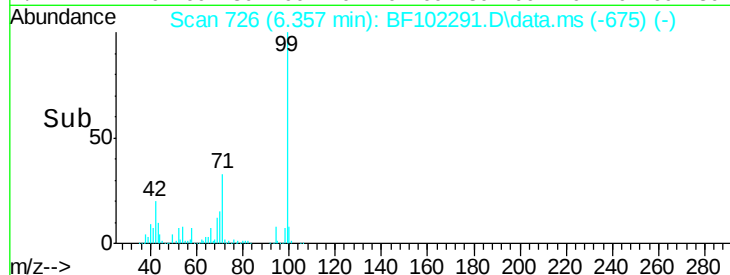
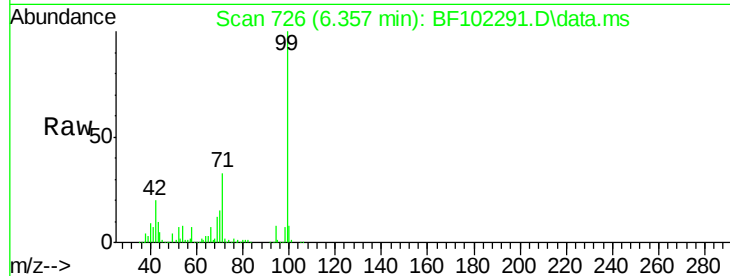
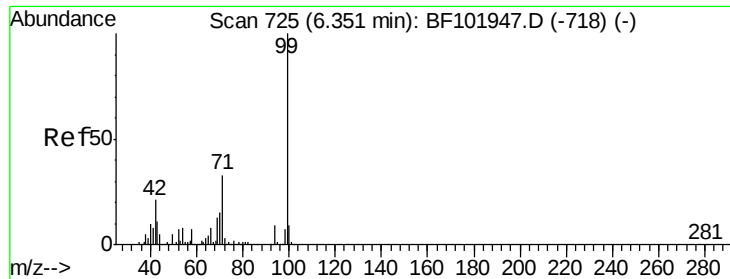
Ion Ratio Lower Upper

93 100

66 46.5 32.2 48.2

65 26.2 16.4 24.6#





#7

Phenol-d6

Concen: 75.90 ng

RT: 6.357 min Scan# 72

Delta R.T. 0.000 min

Lab File: BF102291.D

Acq: 22 Jan 2018 11:28

Instrument :

BNA_F

ClientSampleId :

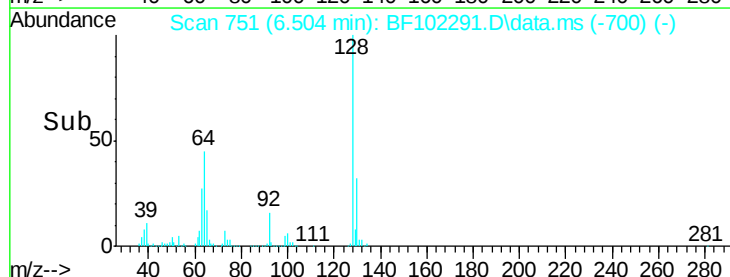
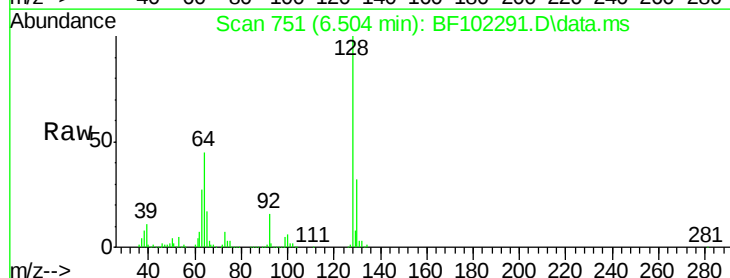
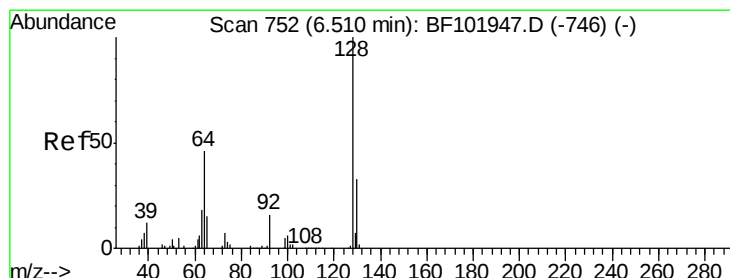
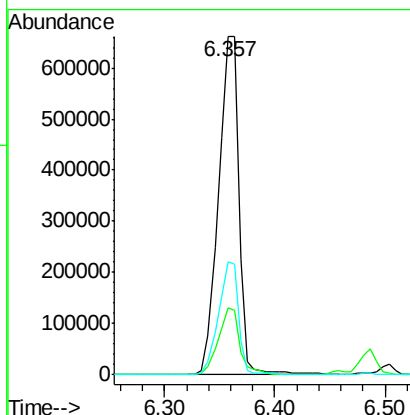
Tot Ion: 99 Resp: 856753

Ion Ratio Lower Upper

99 100

42 19.8 14.5 21.7

71 33.4 25.4 38.0



#8

2-Chlorophenol

Concen: 40.08 ng

RT: 6.504 min Scan# 751

Delta R.T. 0.000 min

Lab File: BF102291.D

Acq: 22 Jan 2018 11:28

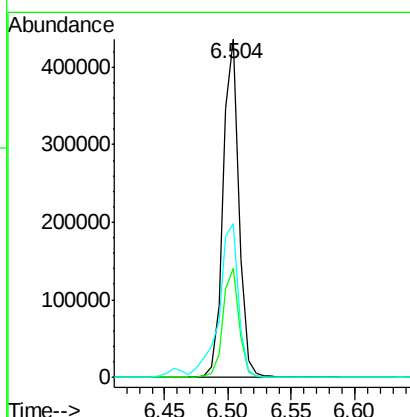
Tgt Ion: 128 Resp: 380299

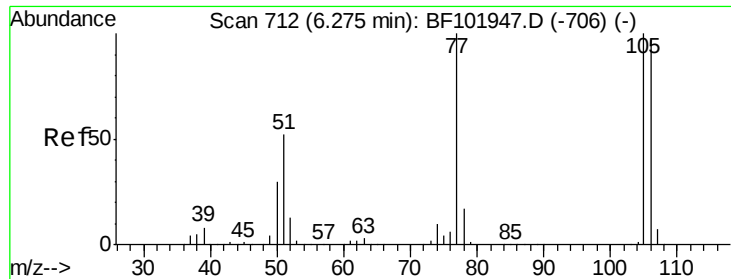
Ion Ratio Lower Upper

128 100

130 32.1 13.0 53.0

64 45.5 29.4 69.4

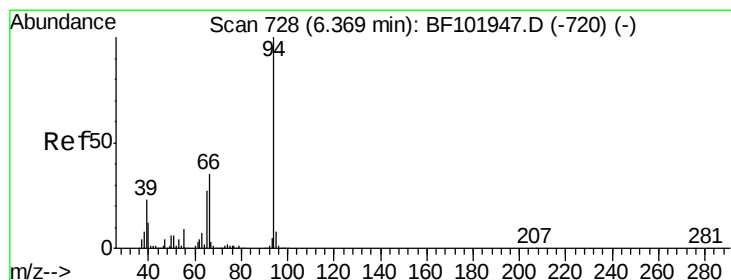
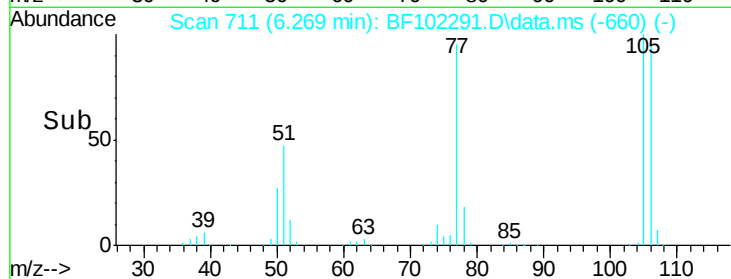
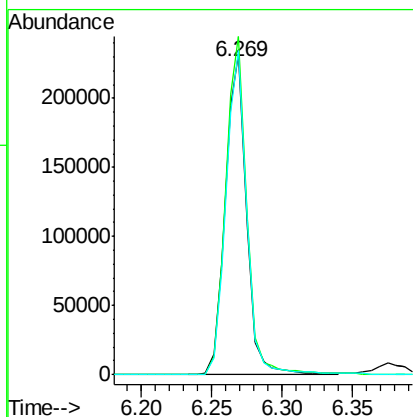
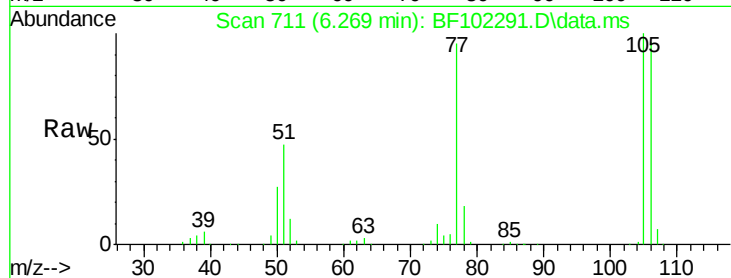




#9
Benzaldehyde
Concen: 30.67 ng
RT: 6.269 min Scan# 712
Delta R.T. 0.000 min
Lab File: BF102291.D
Acq: 22 Jan 2018 11:28

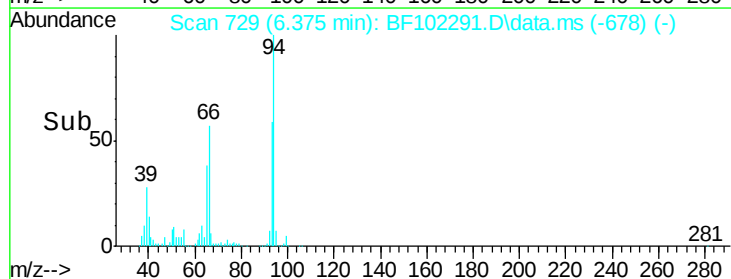
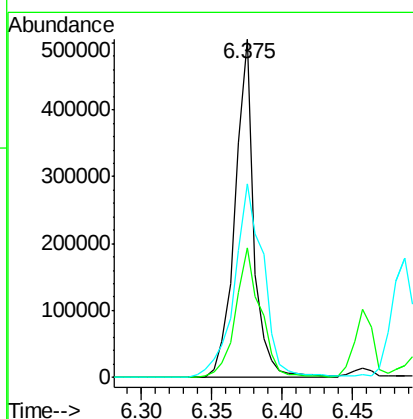
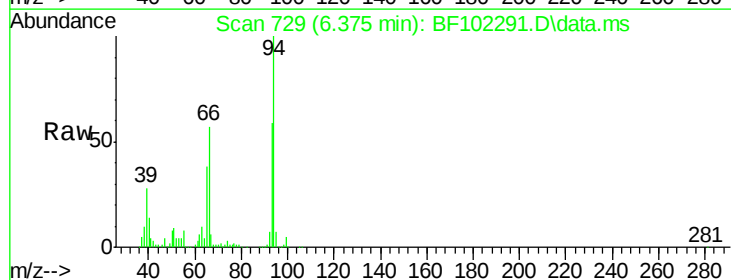
Instrument :
BNA_F
ClientSampleId :

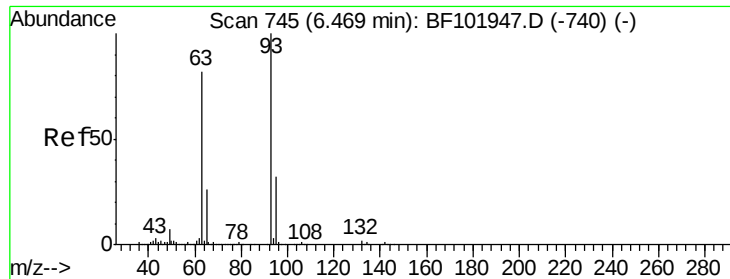
Tot Ion	Ratio	Lower	Upper
77	100		
105	105.7	81.1	121.1
106	101.5	74.5	114.5



#10
Phenol
Concen: 36.96 ng
RT: 6.375 min Scan# 729
Delta R.T. 0.000 min
Lab File: BF102291.D
Acq: 22 Jan 2018 11:28

Tgt Ion	Ratio	Lower	Upper
94	100		
65	38.3	7.9	47.9
66	57.4	16.2	56.2

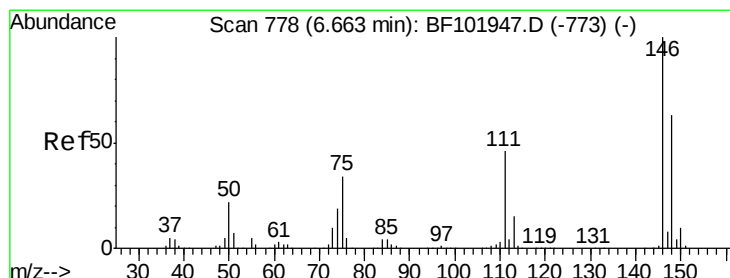
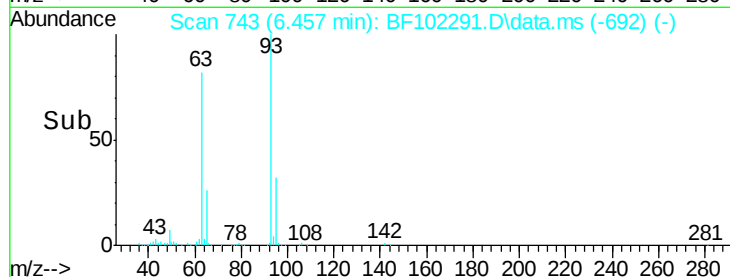
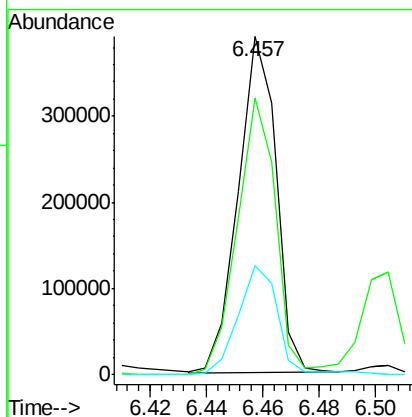
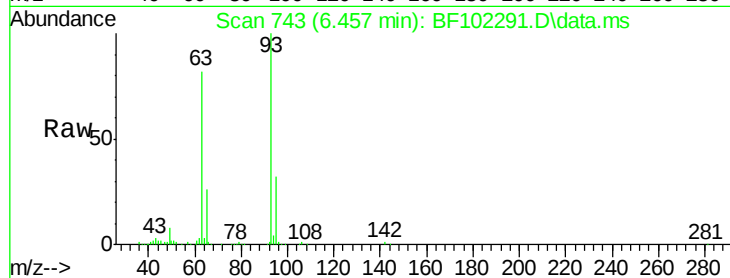




#11
bis(2-Chloroethyl)ether
Concen: 37.43 ng
RT: 6.457 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF102291.D
Acq: 22 Jan 2018 11:28

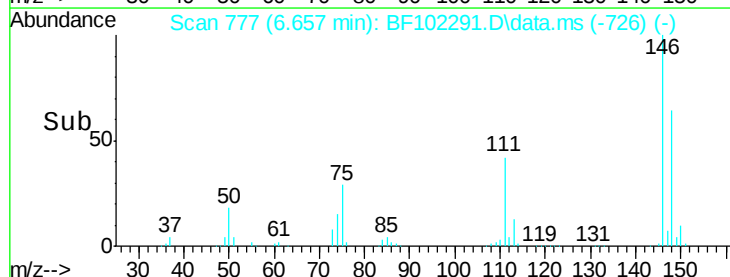
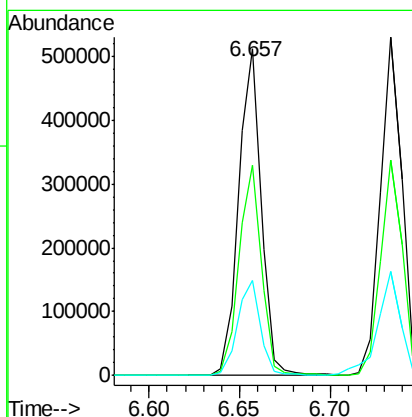
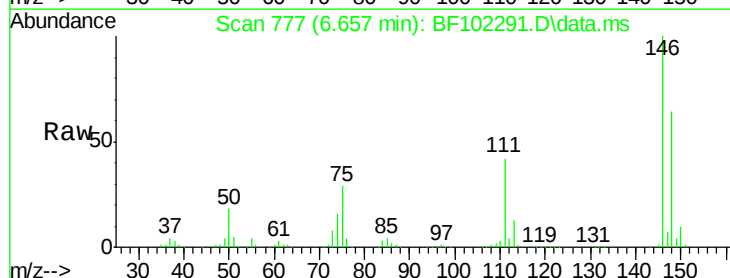
Instrument :
BNA_F
ClientSampleId :

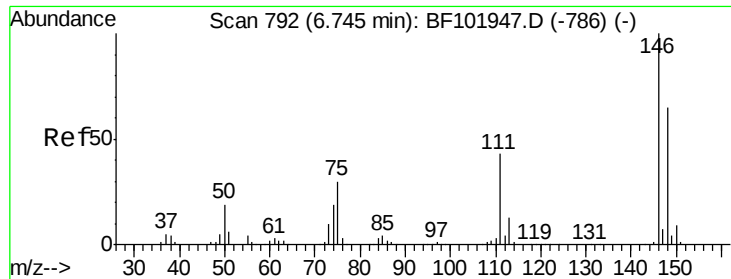
Tot Ion	Ratio	Lower	Upper
93	100		
63	81.8	58.6	98.6
95	32.1	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 40.61 ng
RT: 6.657 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF102291.D
Acq: 22 Jan 2018 11:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.8	77.8
75	29.1	24.2	36.4

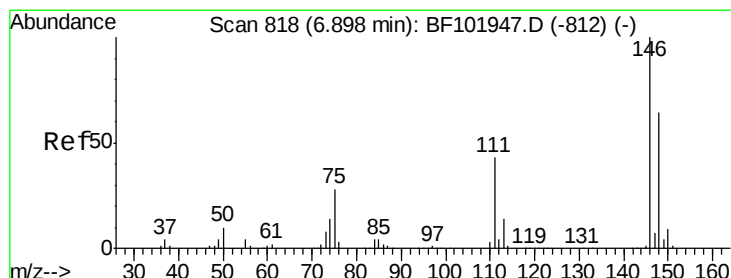
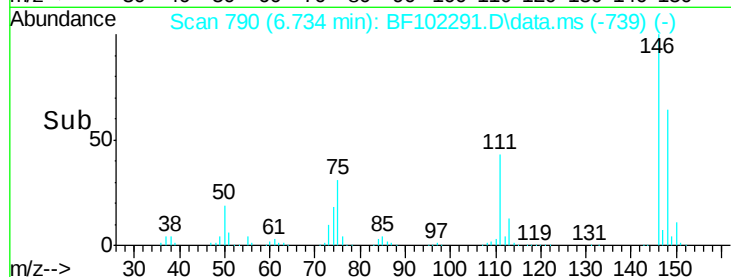
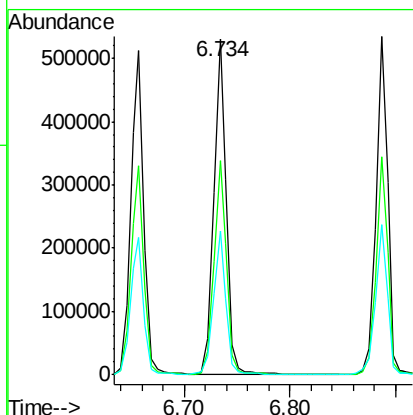
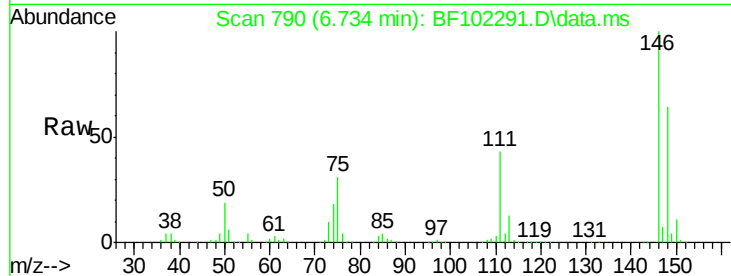




#13
 1,4-Dichlorobenzene
 Concen: 40.95 ng
 RT: 6.734 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BF102291.D
 Acq: 22 Jan 2018 11:28

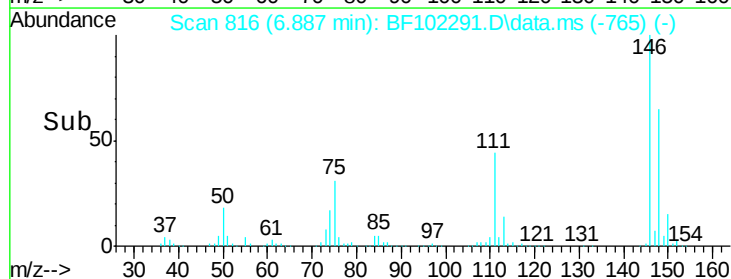
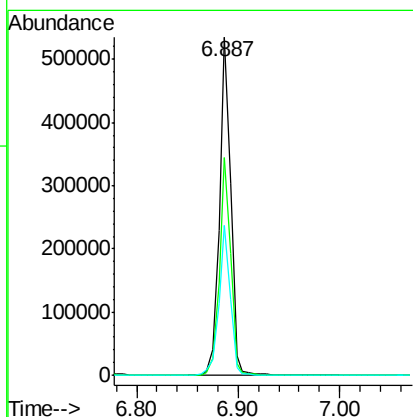
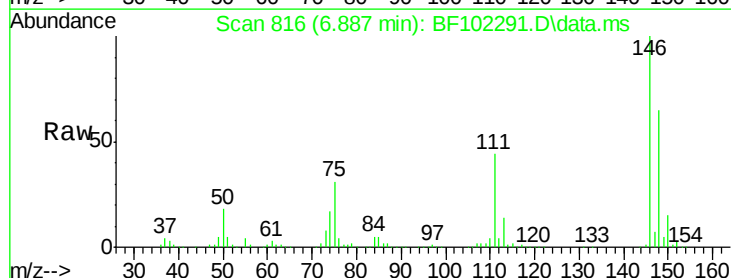
Instrument :
 BNA_F
 ClientSampleId :

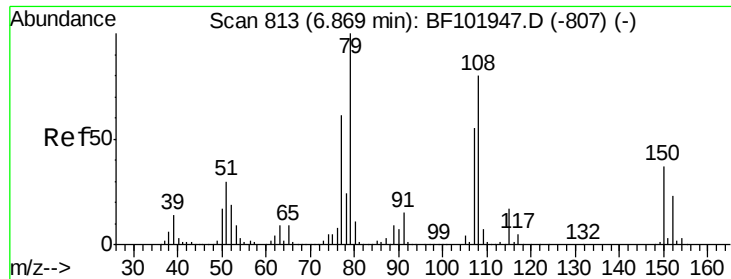
Tot Ion:146 Resp: 446921
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.8 76.2
 111 42.9 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 40.73 ng
 RT: 6.887 min Scan# 816
 Delta R.T. 0.000 min
 Lab File: BF102291.D
 Acq: 22 Jan 2018 11:28

Tgt Ion:146 Resp: 411504
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.6 75.8
 111 44.4 36.0 54.0





#15

Benzyl Alcohol

Concen: 37.03 ng

RT: 6.863 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF102291.D

Acq: 22 Jan 2018 11:28

Instrument :

BNA_F

ClientSampleId :

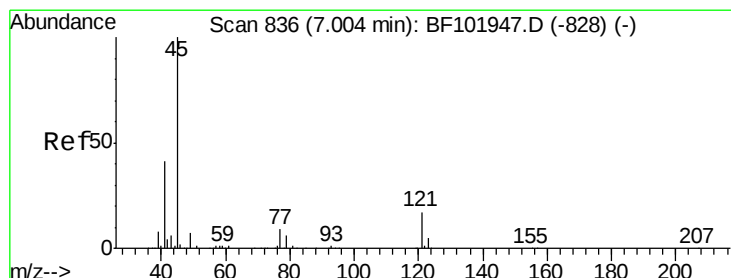
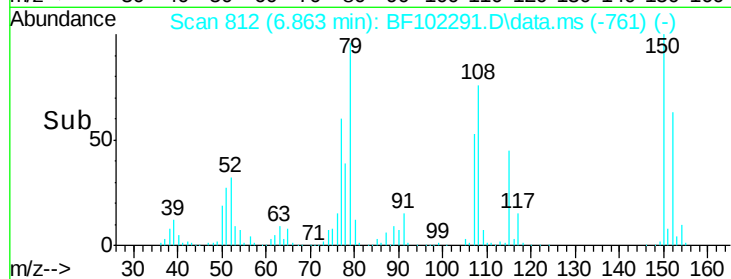
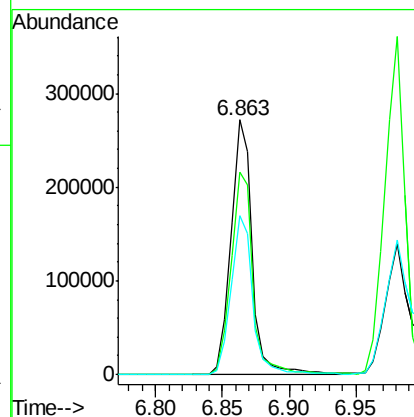
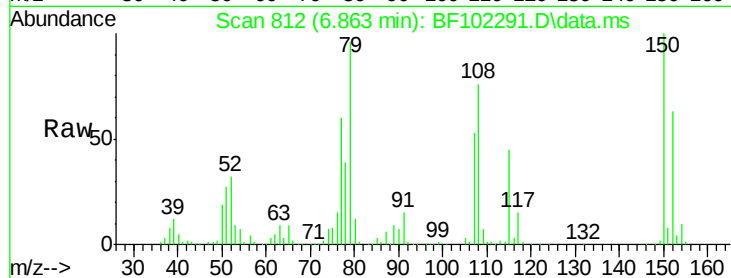
Tot Ion: 79 Resp: 305759

Ion Ratio Lower Upper

79 100

108 79.4 65.1 97.7

77 62.7 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.12 ng

RT: 6.998 min Scan# 835

Delta R.T. 0.000 min

Lab File: BF102291.D

Acq: 22 Jan 2018 11:28

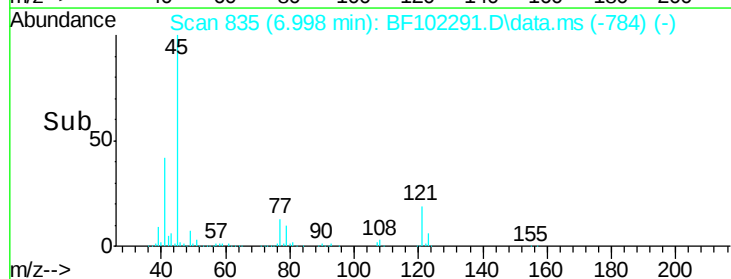
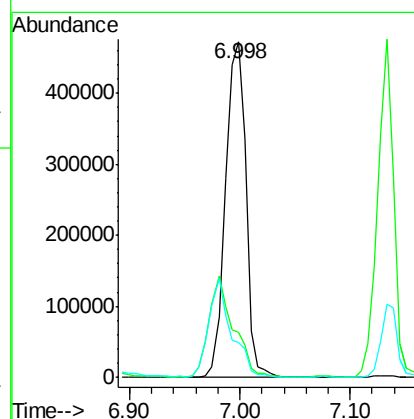
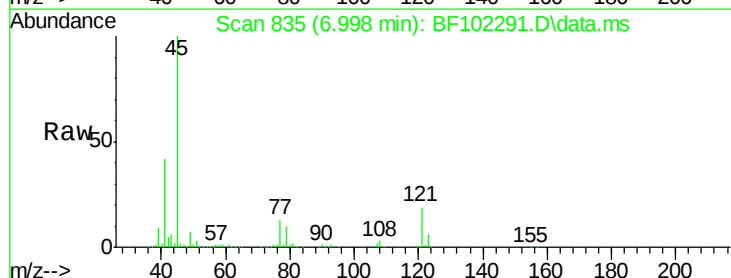
Tgt Ion: 45 Resp: 610699

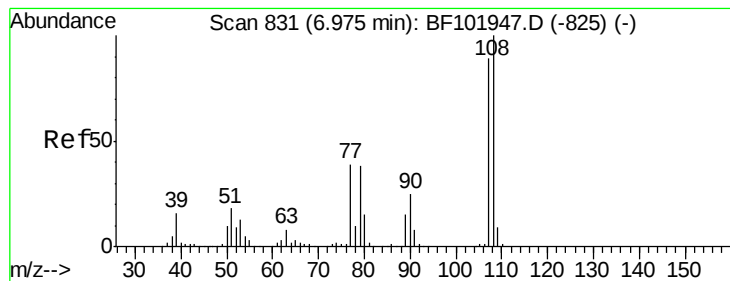
Ion Ratio Lower Upper

45 100

77 13.4 0.0 32.9

79 10.5 0.0 29.6





#17

2-Methylphenol

Concen: 38.74 ng

RT: 6.981 min Scan# 831

Delta R.T. 0.000 min

Lab File: BF102291.D

Acq: 22 Jan 2018 11:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 331570

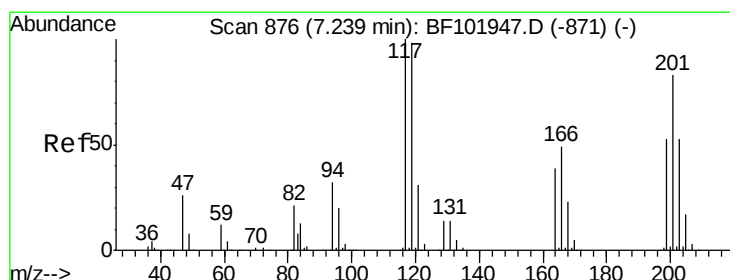
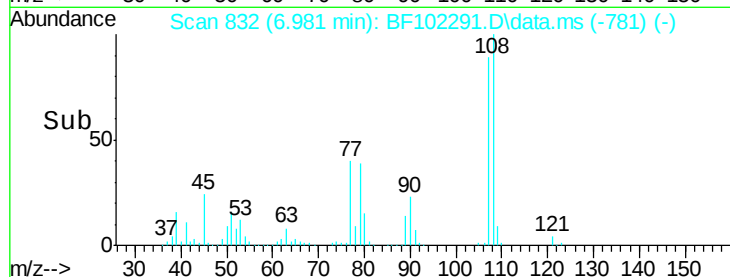
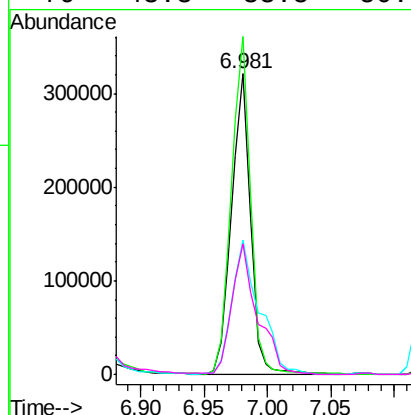
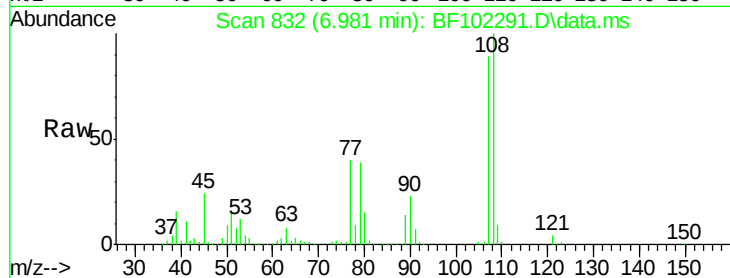
Ion Ratio Lower Upper

107 100

108 112.4 91.7 137.5

77 44.6 33.8 50.8

79 43.3 33.8 50.8



#18

Hexachloroethane

Concen: 40.75 ng

RT: 7.228 min Scan# 874

Delta R.T. 0.000 min

Lab File: BF102291.D

Acq: 22 Jan 2018 11:28

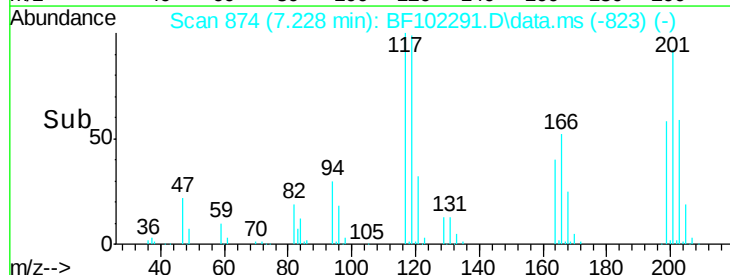
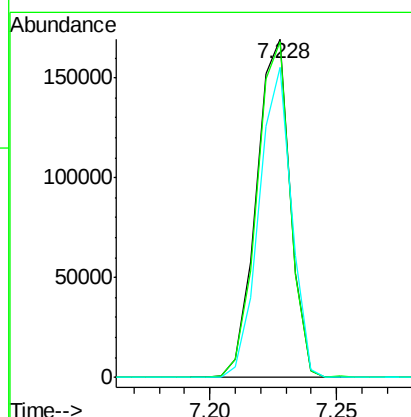
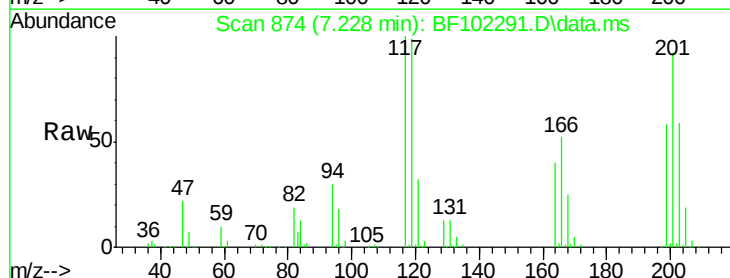
Tgt Ion:117 Resp: 156628

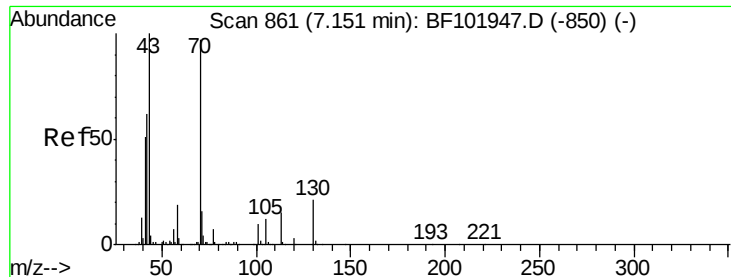
Ion Ratio Lower Upper

117 100

119 99.4 75.8 113.8

201 91.8 75.7 113.5

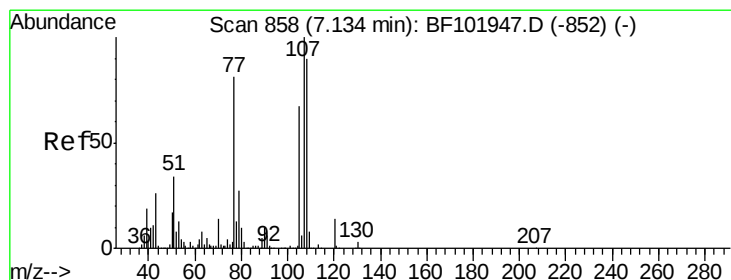
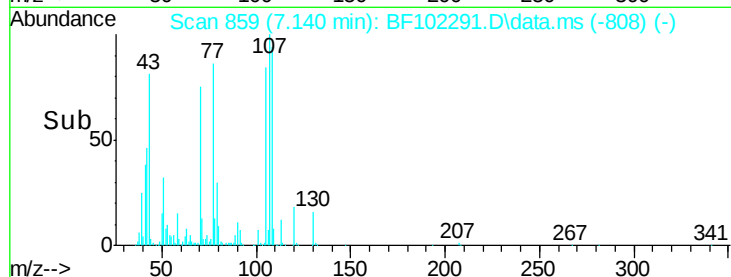
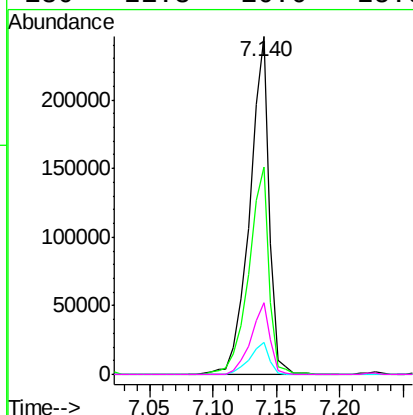
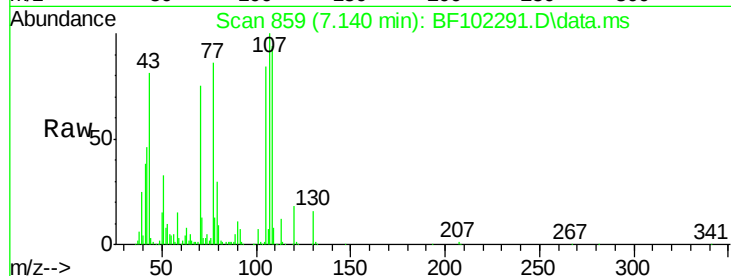




#19
n-Nitroso-di-n-propylamine
Concen: 35.71 ng
RT: 7.140 min Scan# 85
Delta R.T. 0.000 min
Lab File: BF102291.D
Acq: 22 Jan 2018 11:28

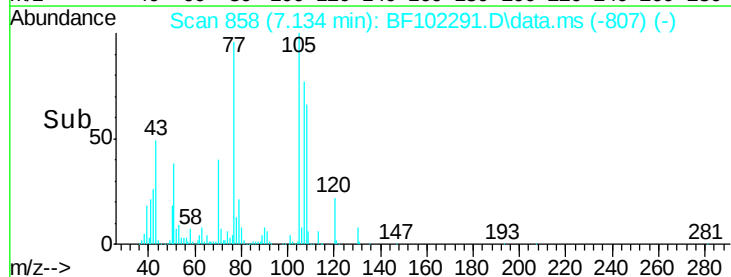
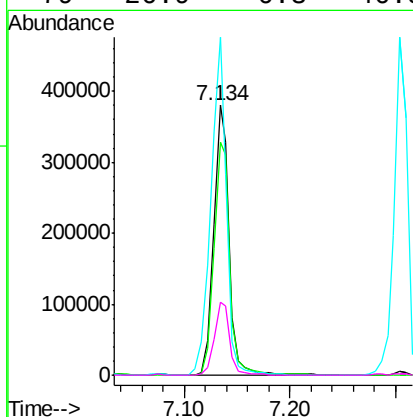
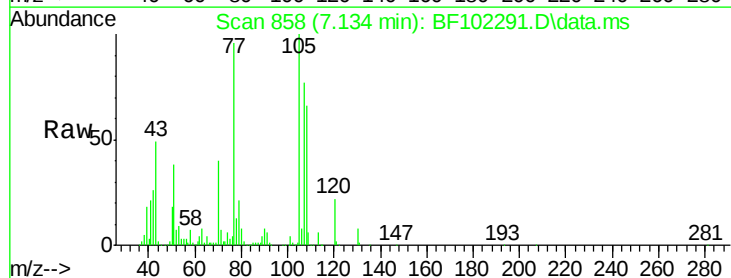
Instrument :
BNA_F
ClientSampleId :

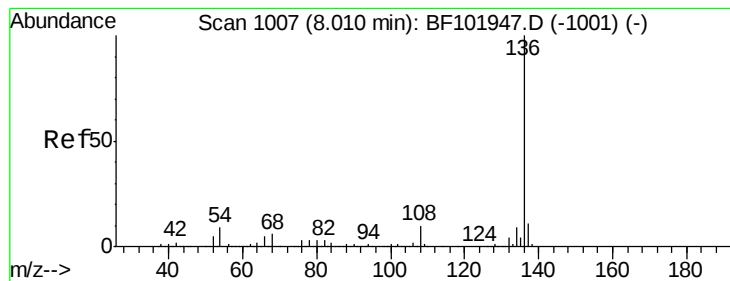
Tot Ion:	70	Resp:	264142
Ion	Ratio	Lower	Upper
70	100		
42	61.5	47.5	71.3
101	9.6	7.4	11.2
130	21.3	16.6	25.0



#20
3+4-Methylphenols
Concen: 38.57 ng
RT: 7.134 min Scan# 858
Delta R.T. 0.000 min
Lab File: BF102291.D
Acq: 22 Jan 2018 11:28

Tgt Ion:	107	Resp:	396370
Ion	Ratio	Lower	Upper
107	100		
108	86.5	68.2	108.2
77	125.1	26.7	66.7#
79	26.9	6.3	46.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.998 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF102291.D

Acq: 22 Jan 2018 11:28

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 561784

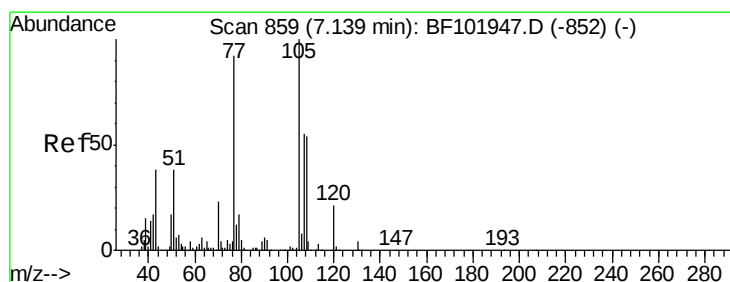
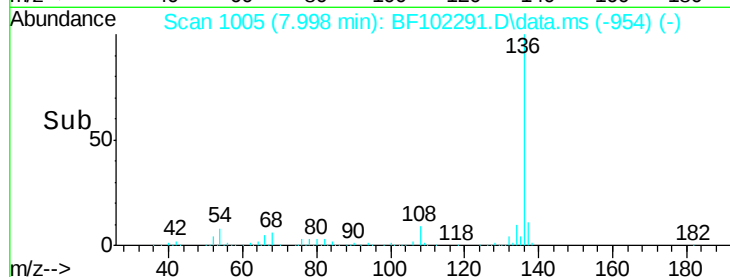
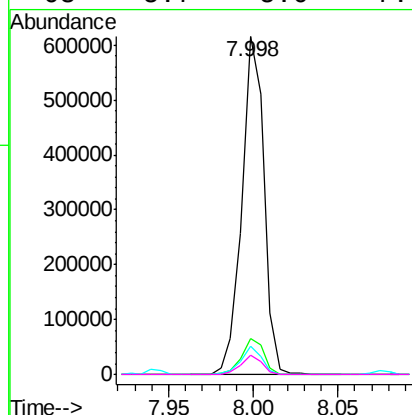
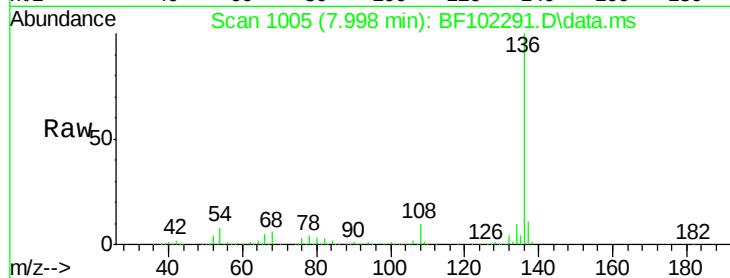
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.2 6.6 9.8

68 5.7 5.0 7.4



#22

Acetophenone

Concen: 38.84 ng

RT: 7.134 min Scan# 858

Delta R.T. 0.000 min

Lab File: BF102291.D

Acq: 22 Jan 2018 11:28

Tgt Ion:105 Resp: 525731

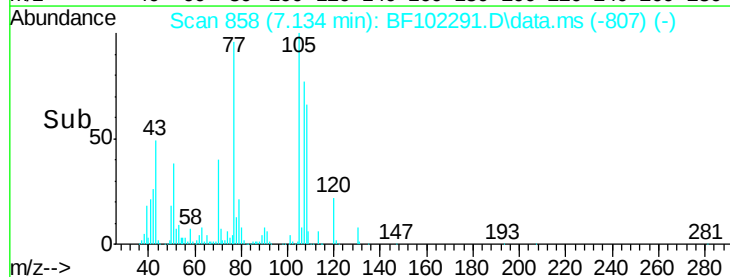
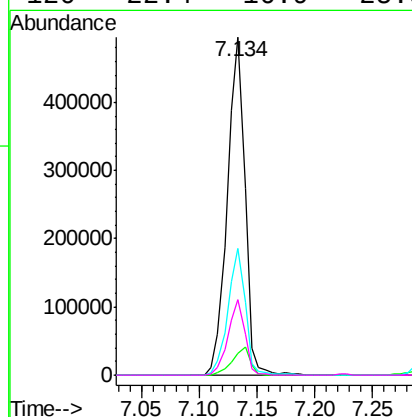
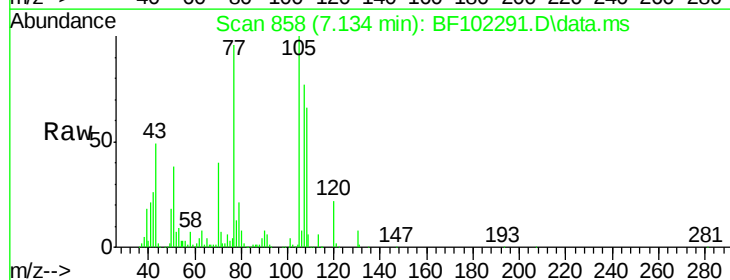
Ion Ratio Lower Upper

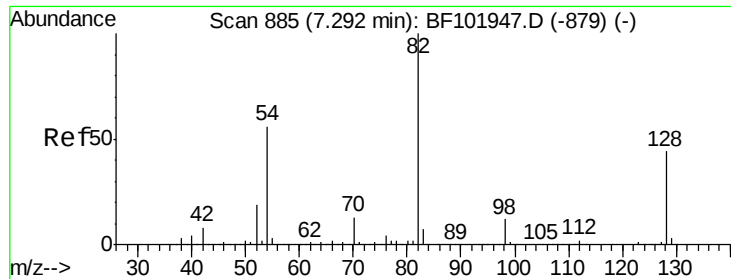
105 100

71 6.6 4.4 6.6#

51 37.7 22.3 33.5#

120 22.4 16.9 25.3





#23

Nitrobenzene-d5

Concen: 82.52 ng

RT: 7.287 min Scan# 88

Delta R.T. 0.000 min

Lab File: BF102291.D

Acq: 22 Jan 2018 11:28

Instrument :

BNA_F

ClientSampleId :

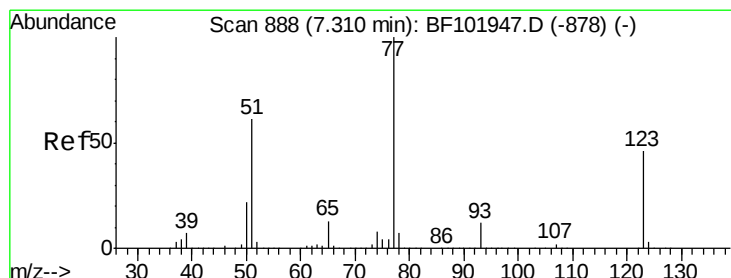
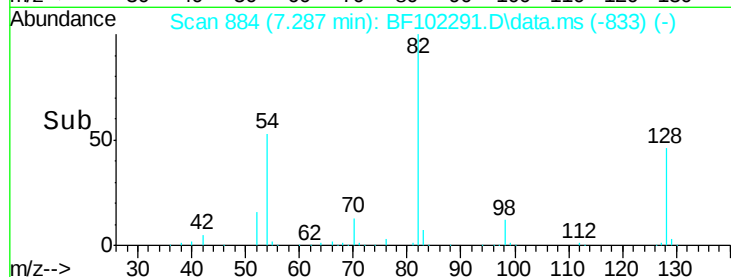
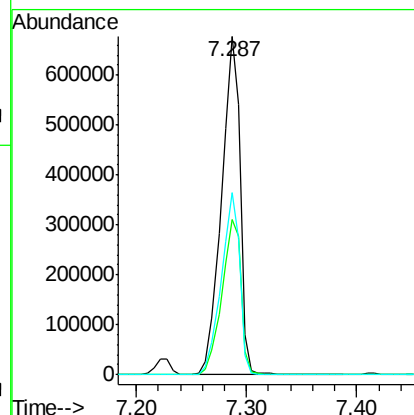
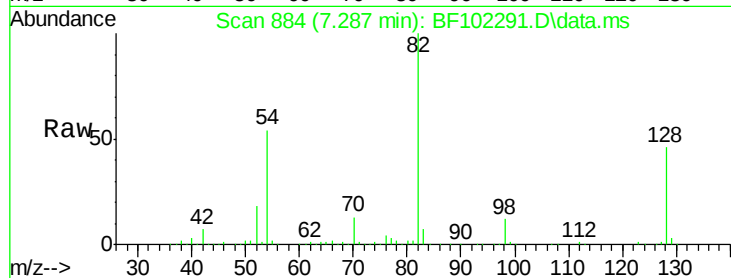
Tot Ion: 82 Resp: 788934

Ion Ratio Lower Upper

82 100

128 45.7 36.1 54.1

54 53.7 41.4 62.2



#24

Nitrobenzene

Concen: 39.77 ng

RT: 7.304 min Scan# 887

Delta R.T. 0.000 min

Lab File: BF102291.D

Acq: 22 Jan 2018 11:28

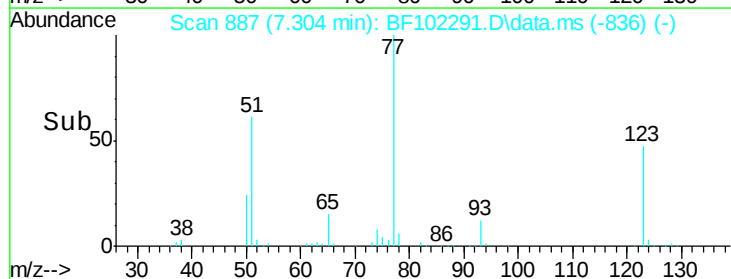
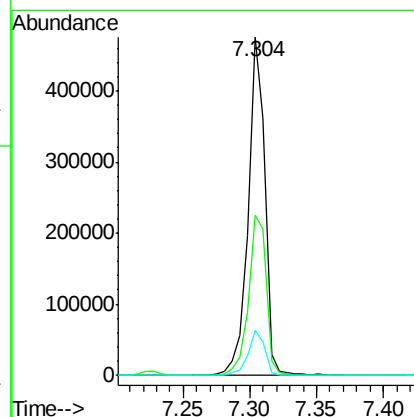
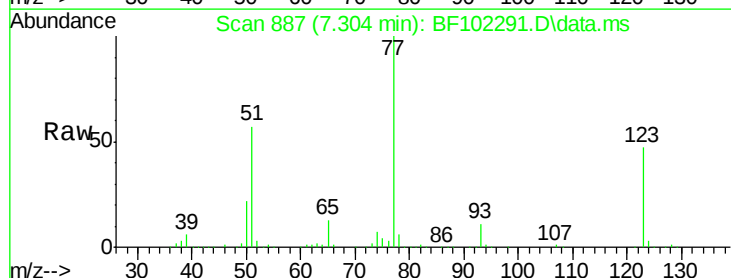
Tgt Ion: 77 Resp: 408570

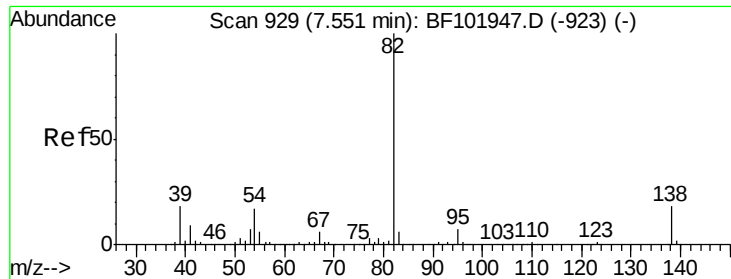
Ion Ratio Lower Upper

77 100

123 47.3 37.9 56.9

65 13.2 11.0 16.4





#25

Isophorone

Concen: 37.29 ng

RT: 7.545 min Scan# 92

Delta R.T. 0.000 min

Lab File: BF102291.D

Acq: 22 Jan 2018 11:28

Instrument :

BNA_F

ClientSampleId :

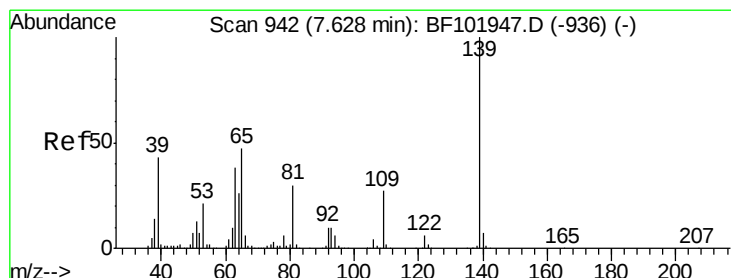
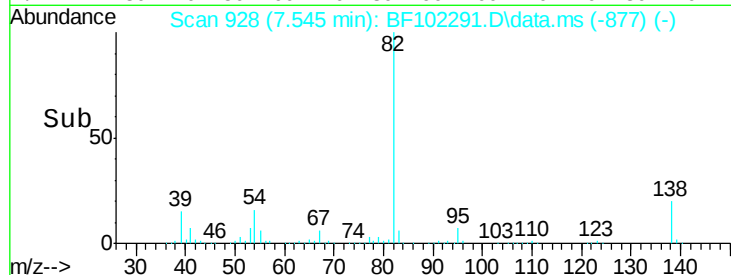
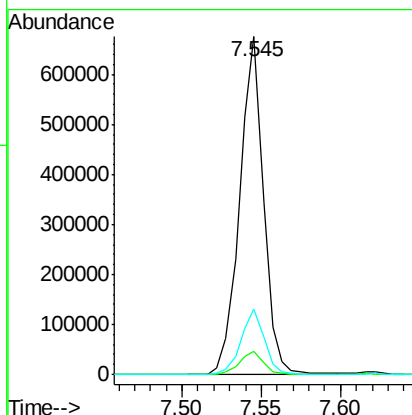
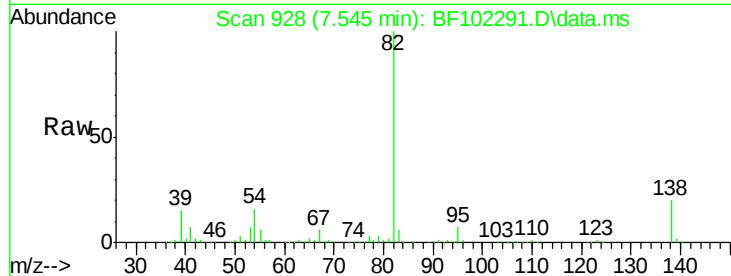
Tot Ion: 82 Resp: 704366

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

138 19.5 14.9 22.3



#26

2-Nitrophenol

Concen: 51.15 ng

RT: 7.622 min Scan# 941

Delta R.T. 0.000 min

Lab File: BF102291.D

Acq: 22 Jan 2018 11:28

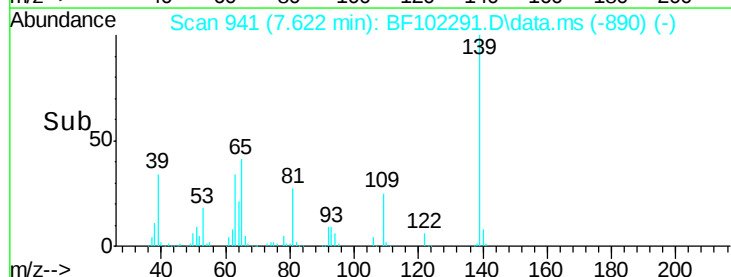
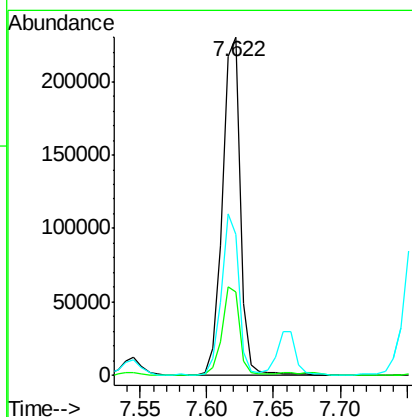
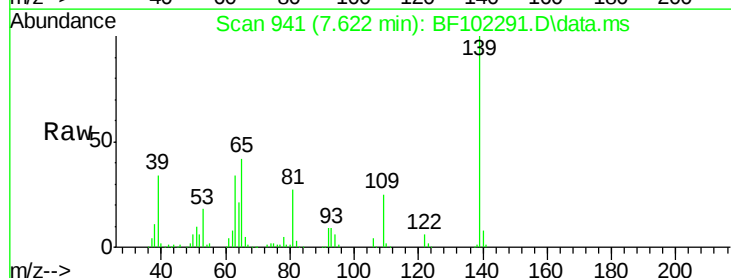
Tgt Ion: 139 Resp: 219910

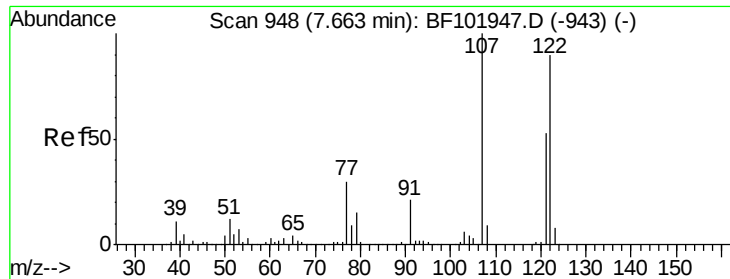
Ion Ratio Lower Upper

139 100

109 24.5 22.7 34.1

65 41.7 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 38.70 ng

RT: 7.663 min Scan# 94

Delta R.T. 0.000 min

Lab File: BF102291.D

Acq: 22 Jan 2018 11:28

Instrument :

BNA_F

ClientSampleId :

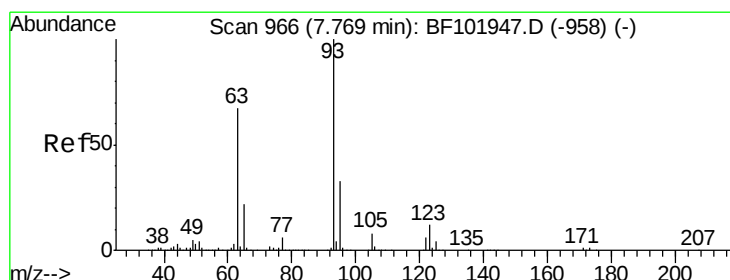
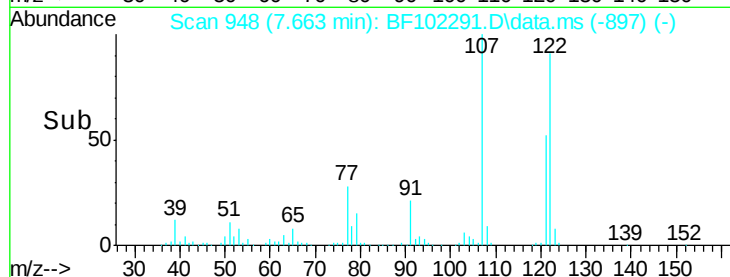
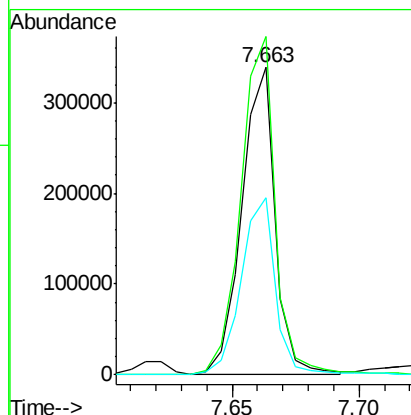
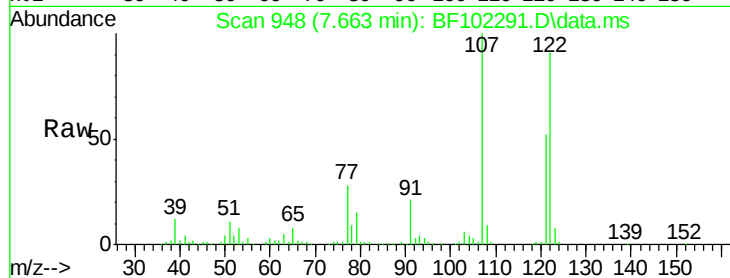
Tot Ion:122 Resp: 310781

Ion Ratio Lower Upper

122 100

107 110.1 91.2 136.8

121 57.7 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 38.33 ng

RT: 7.757 min Scan# 964

Delta R.T. 0.000 min

Lab File: BF102291.D

Acq: 22 Jan 2018 11:28

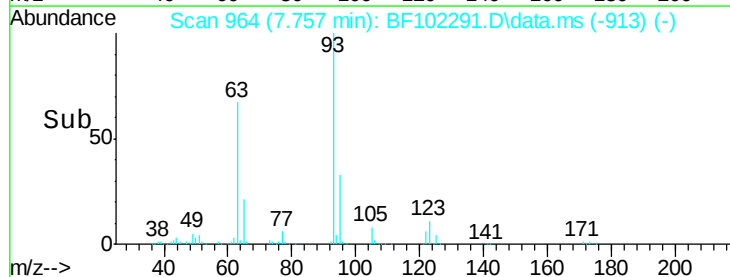
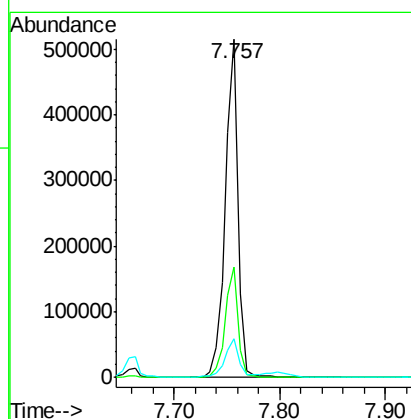
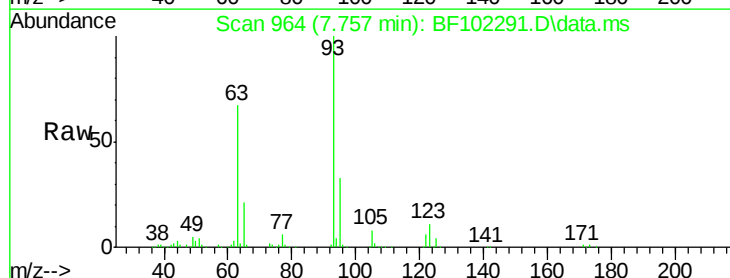
Tgt Ion: 93 Resp: 437178

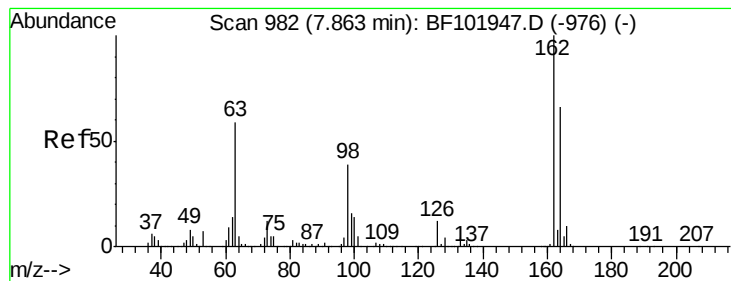
Ion Ratio Lower Upper

93 100

95 32.5 26.3 39.5

123 11.4 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 41.40 ng

RT: 7.863 min Scan# 98

Delta R.T. 0.000 min

Lab File: BF102291.D

Acq: 22 Jan 2018 11:28

Instrument :

BNA_F

ClientSampleId :

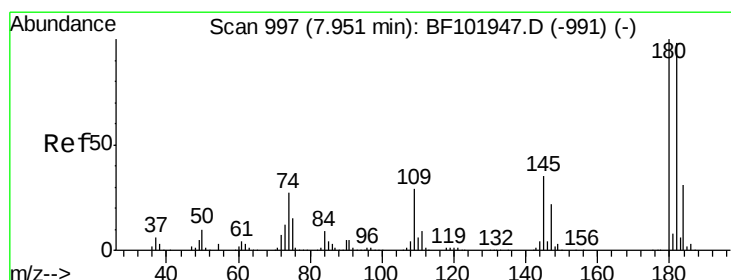
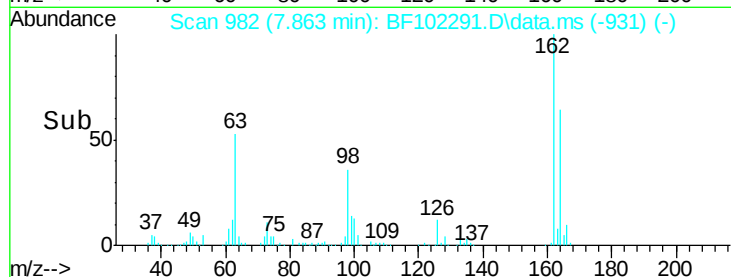
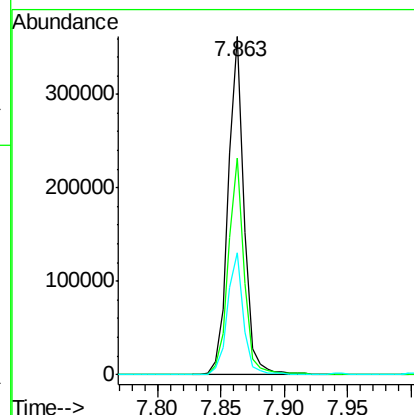
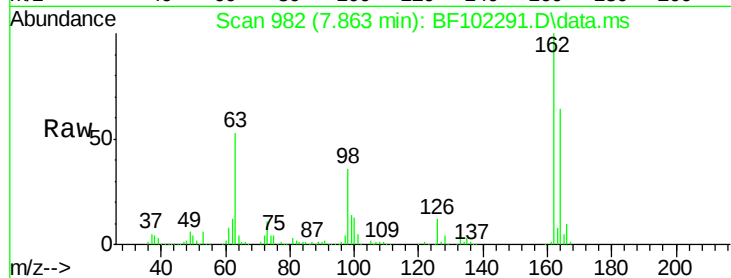
Tot Ion:162 Resp: 315676

Ion Ratio Lower Upper

162 100

164 64.2 42.7 82.7

98 36.0 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 41.92 ng

RT: 7.940 min Scan# 995

Delta R.T. 0.000 min

Lab File: BF102291.D

Acq: 22 Jan 2018 11:28

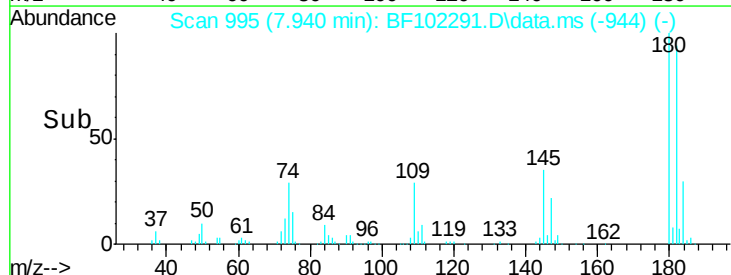
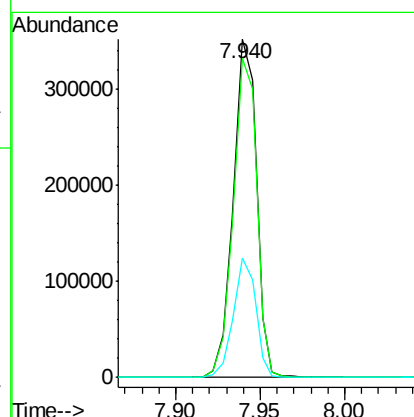
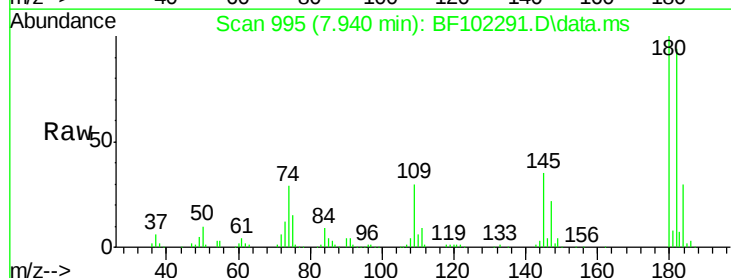
Tgt Ion:180 Resp: 334326

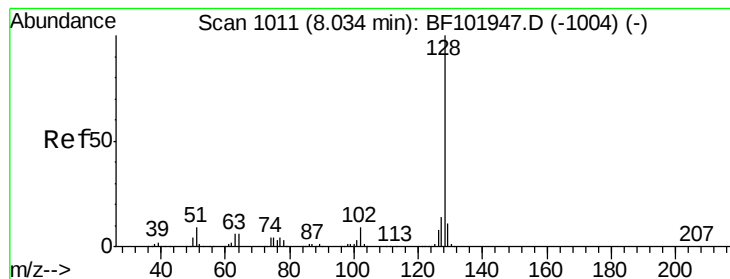
Ion Ratio Lower Upper

180 100

182 94.4 76.8 115.2

145 35.2 26.5 39.7





#31

Naphthalene

Concen: 39.77 ng

RT: 8.022 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF102291.D

Acq: 22 Jan 2018 11:28

Instrument :

BNA_F

ClientSampleId :

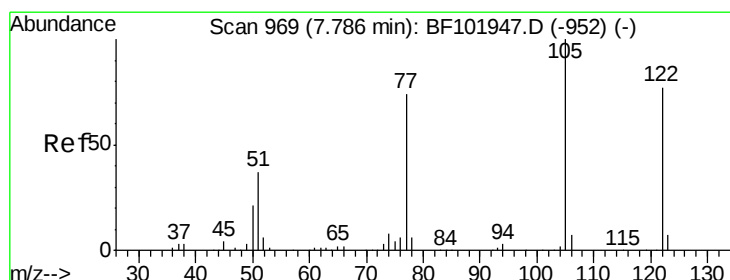
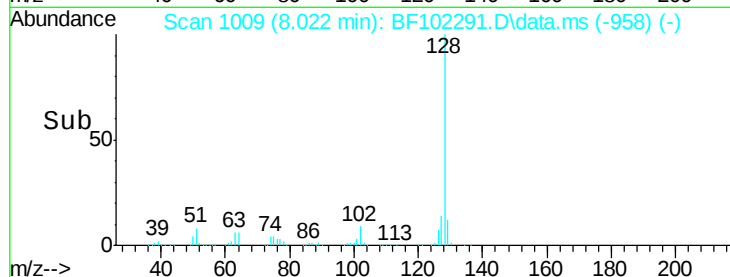
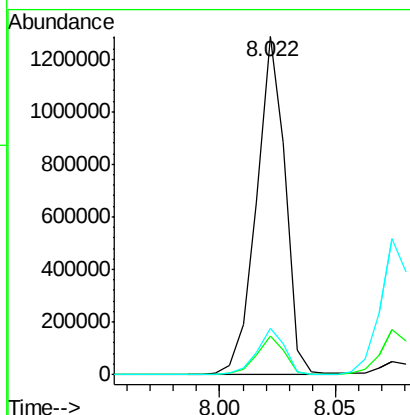
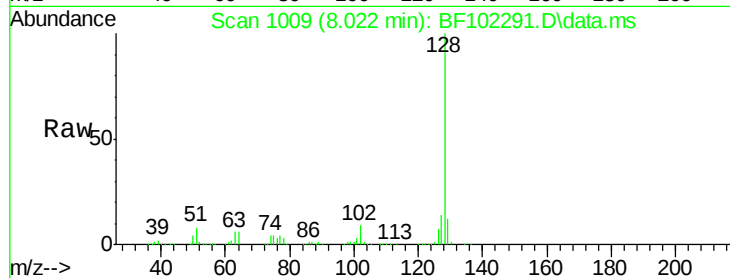
Tot Ion:128 Resp: 1116391

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

127 13.6 10.9 16.3



#32

Benzoic acid

Concen: 39.44 ng

RT: 7.804 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF102291.D

Acq: 22 Jan 2018 11:28

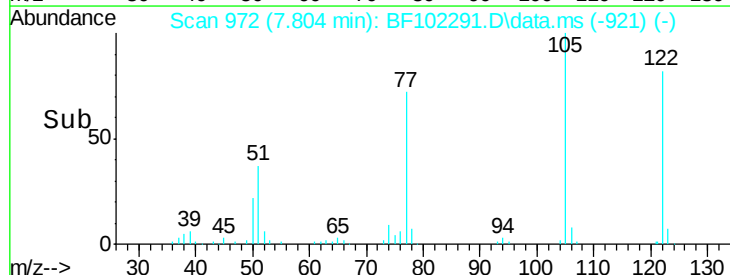
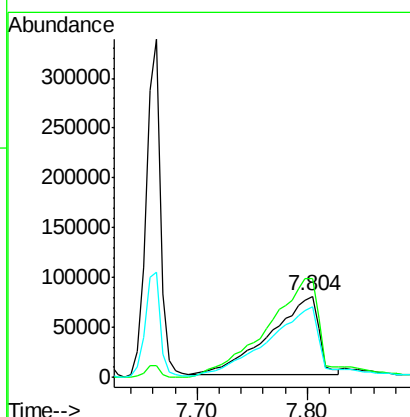
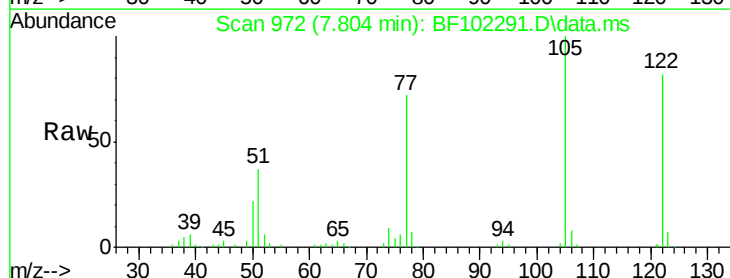
Tgt Ion:122 Resp: 240165

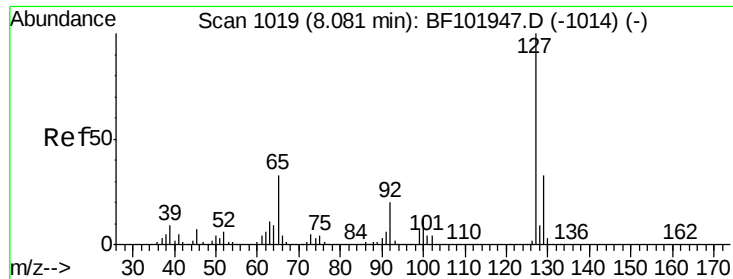
Ion Ratio Lower Upper

122 100

105 121.6 101.1 141.1

77 87.1 70.7 110.7

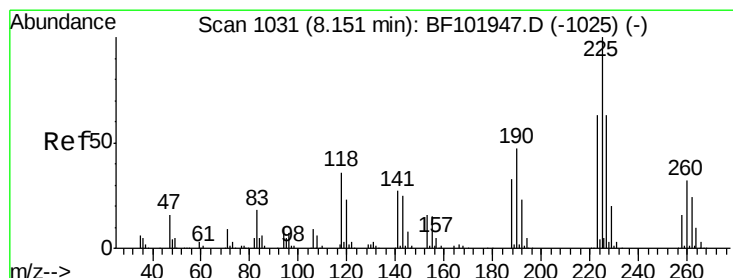
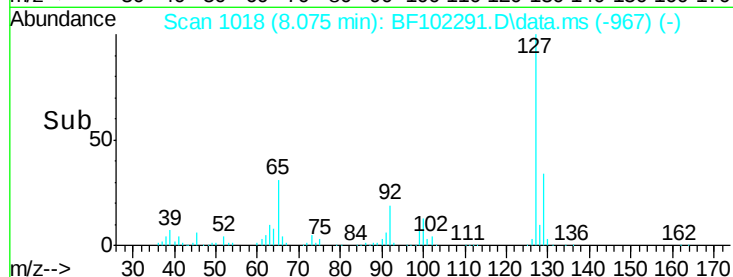
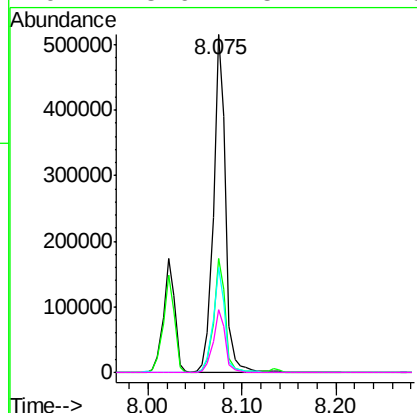
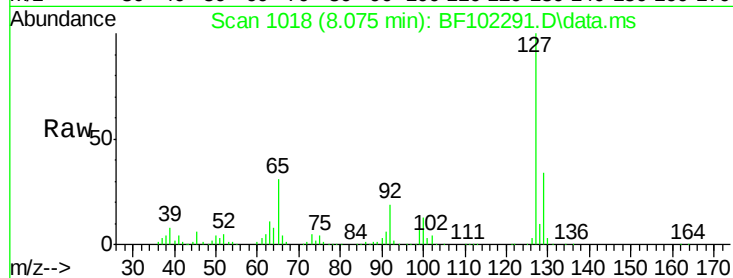




#33
4-Chloroaniline
Concen: 39.69 ng
RT: 8.075 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF102291.D
Acq: 22 Jan 2018 11:28

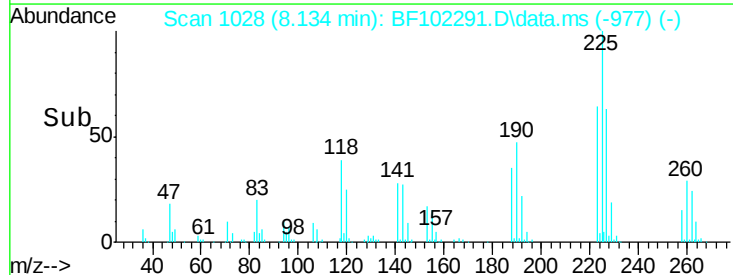
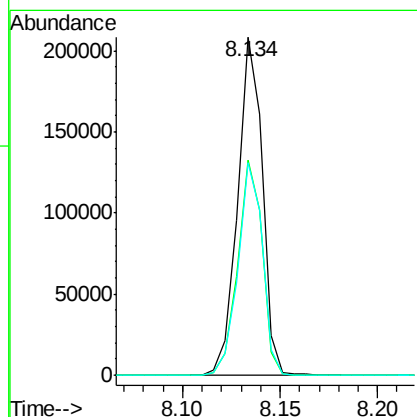
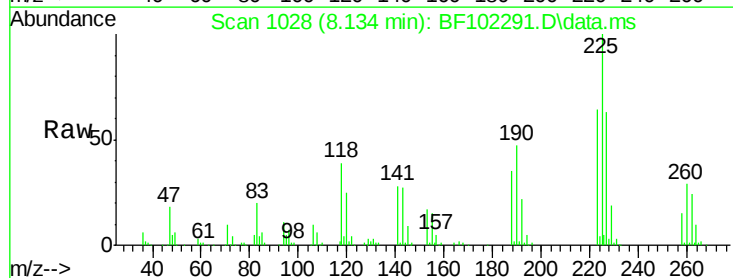
Instrument :
BNA_F
ClientSampled :

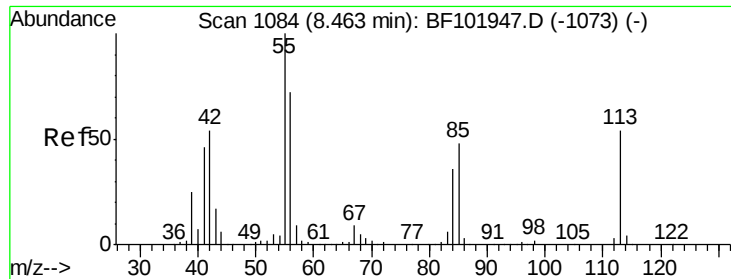
Tot Ion:	127	Resp:	475549
Ion Ratio	Lower	Upper	
127	100		
129	33.6	25.9	38.9
65	31.2	25.0	37.4
92	18.6	15.2	22.8



#34
Hexachlorobutadiene
Concen: 43.19 ng
RT: 8.134 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF102291.D
Acq: 22 Jan 2018 11:28

Tgt Ion:	225	Resp:	182342
Ion Ratio	Lower	Upper	
225	100		
223	63.6	50.6	76.0
227	62.9	51.9	77.9

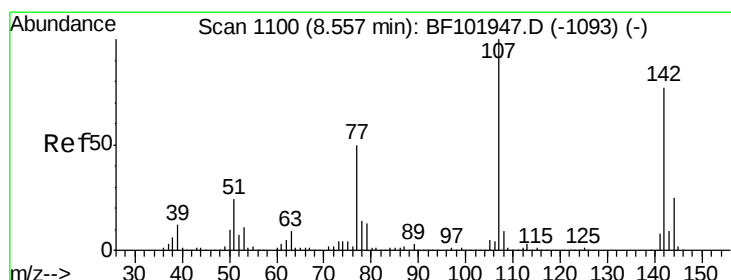
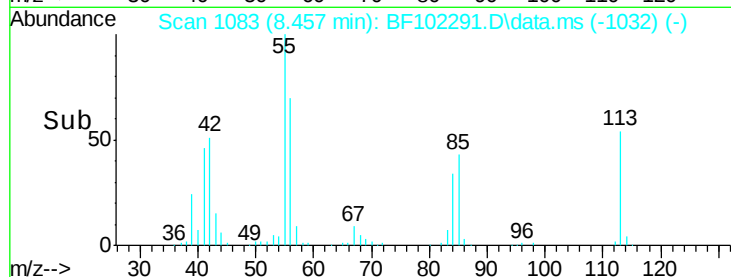
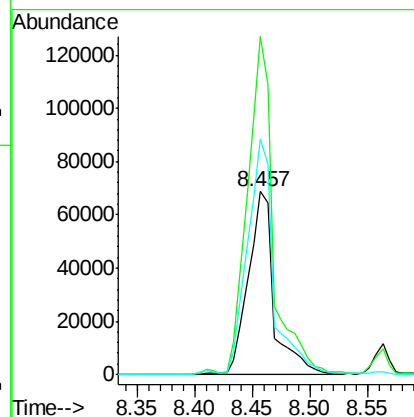
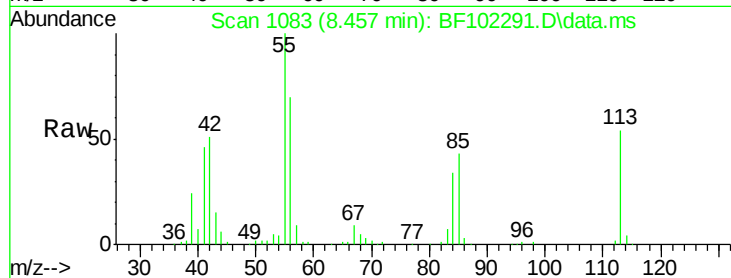




#35
 Caprolactam
 Concen: 40.37 ng
 RT: 8.457 min Scan# 1084
 Delta R.T. 0.000 min
 Lab File: BF102291.D
 Acq: 22 Jan 2018 11:28

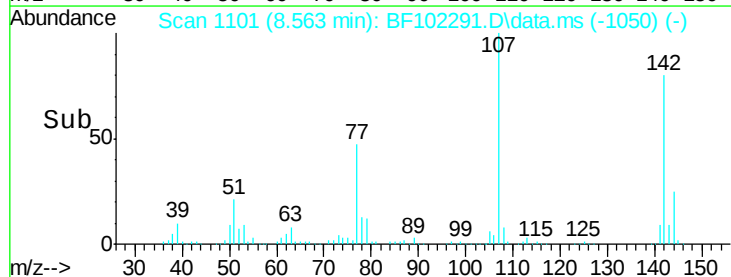
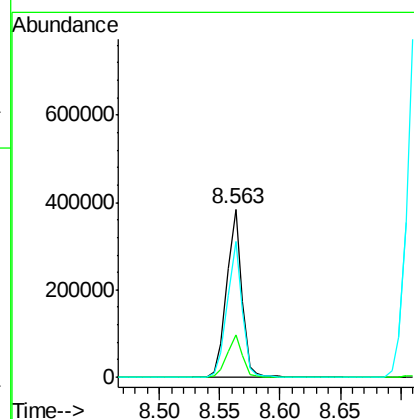
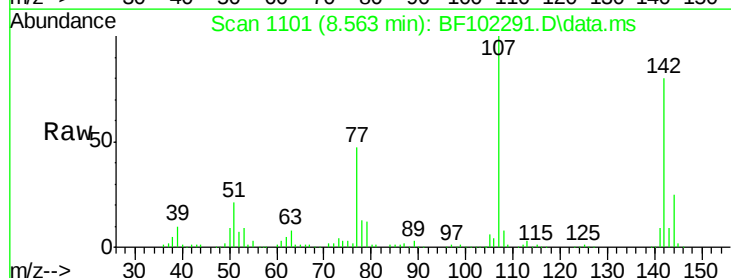
Instrument :
 BNA_F
 ClientSampleId :

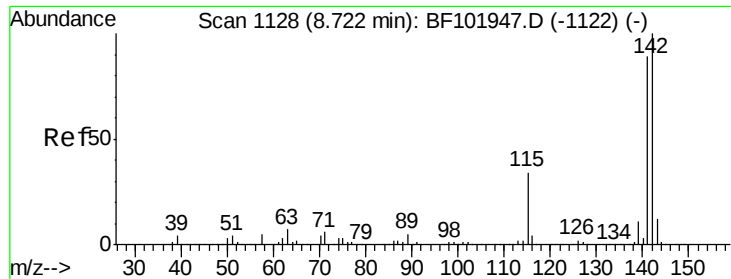
Tot Ion:113 Resp: 105680
 Ion Ratio Lower Upper
 113 100
 55 185.2 163.3 203.3
 56 129.3 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 39.97 ng
 RT: 8.563 min Scan# 1101
 Delta R.T. 0.000 min
 Lab File: BF102291.D
 Acq: 22 Jan 2018 11:28

Tgt Ion:107 Resp: 333631
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.5 30.7
 142 80.4 62.0 93.0

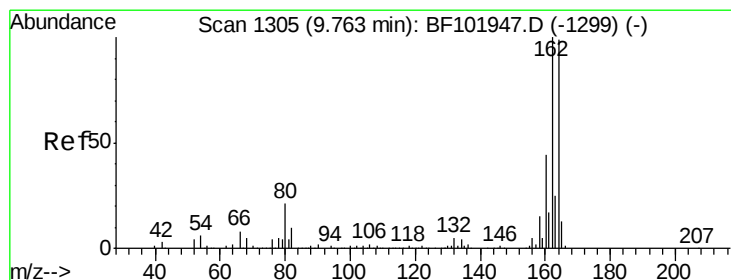
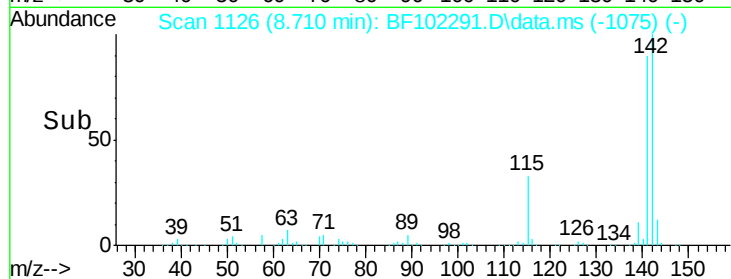
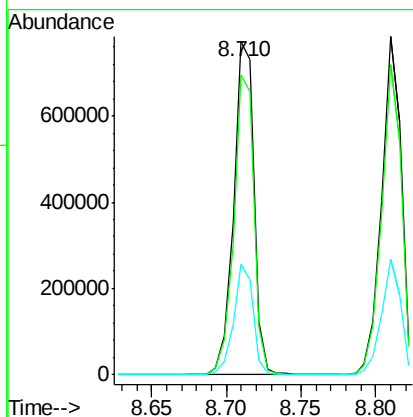
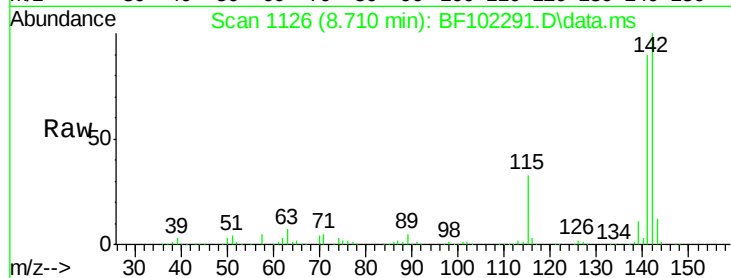




#37
2-Methylnaphthalene
Concen: 40.27 ng
RT: 8.710 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF102291.D
Acq: 22 Jan 2018 11:28

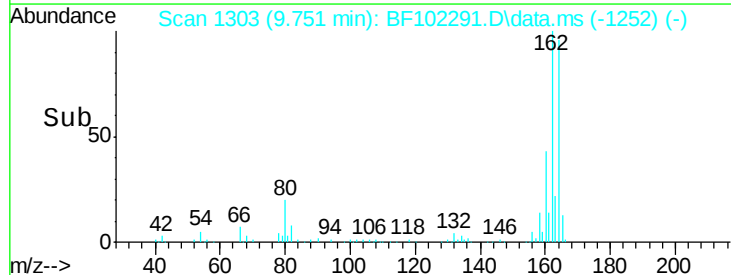
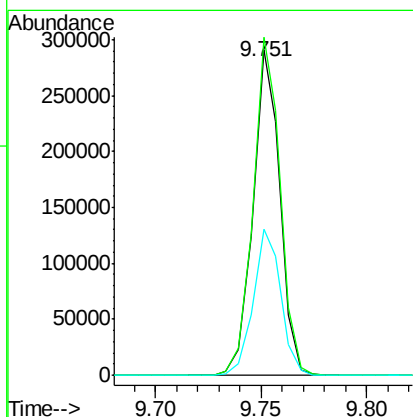
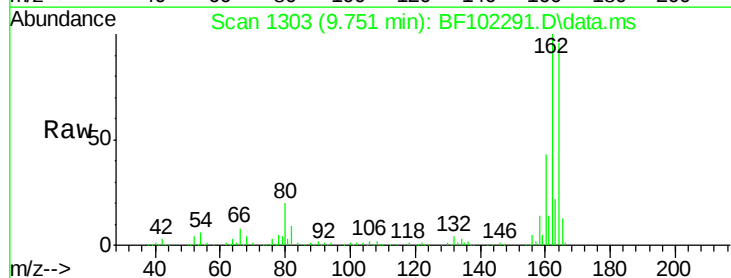
Instrument :
BNA_F
ClientSampleId :

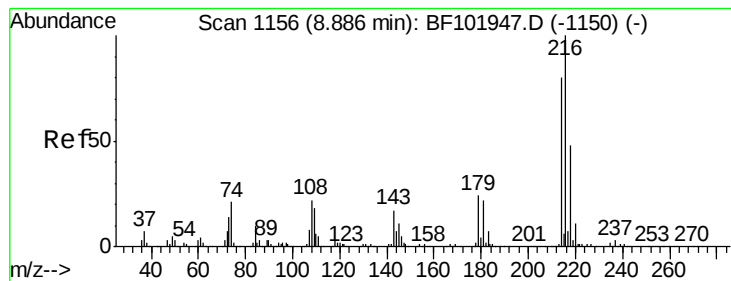
Tot Ion:142 Resp: 744108
Ion Ratio Lower Upper
142 100
141 89.8 70.8 106.2
115 33.3 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.751 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BF102291.D
Acq: 22 Jan 2018 11:28

Tgt Ion:164 Resp: 256668
Ion Ratio Lower Upper
164 100
162 103.9 86.1 129.1
160 44.8 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.69 ng

RT: 8.881 min Scan# 1156

Delta R.T. 0.000 min

Lab File: BF102291.D

Acq: 22 Jan 2018 11:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 309974

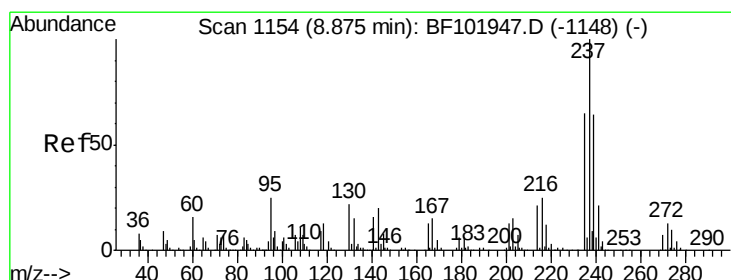
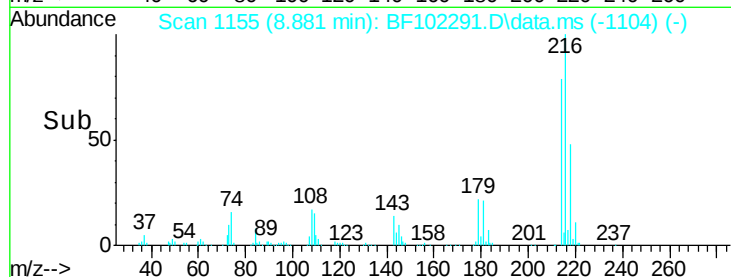
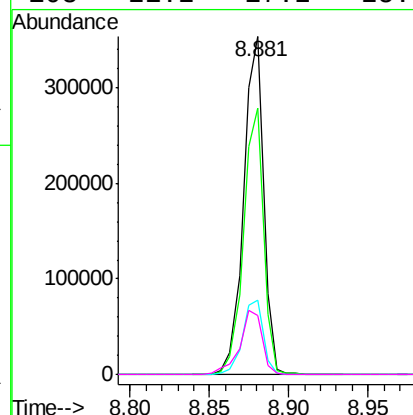
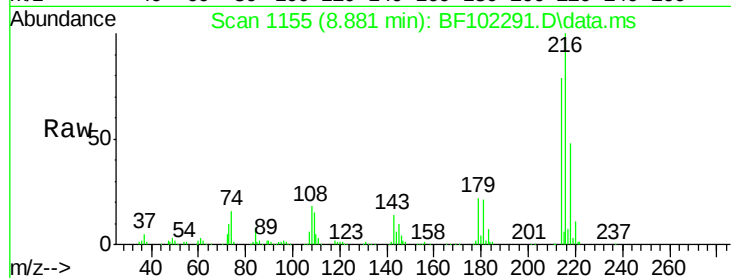
Ion Ratio Lower Upper

216 100

214 79.0 63.0 94.4

179 22.7 18.1 27.1

108 21.2 17.2 25.8



#40

Hexachlorocyclopentadiene

Concen: 37.14 ng

RT: 8.863 min Scan# 1152

Delta R.T. 0.000 min

Lab File: BF102291.D

Acq: 22 Jan 2018 11:28

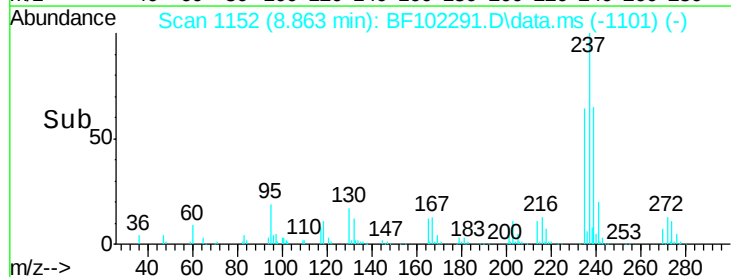
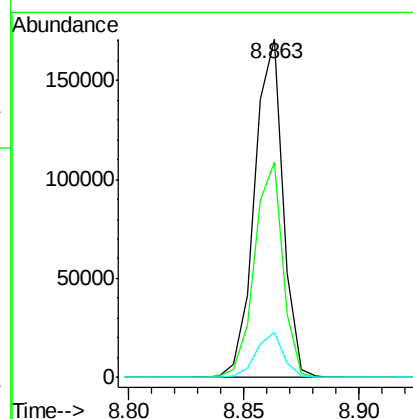
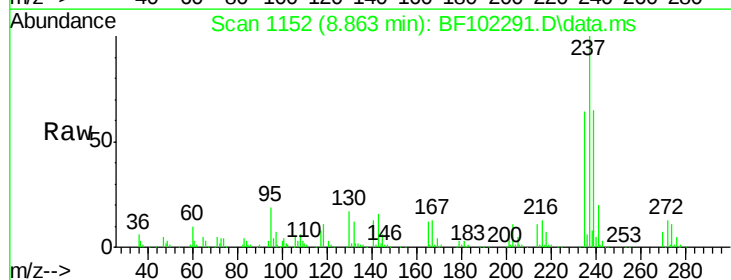
Tgt Ion:237 Resp: 147470

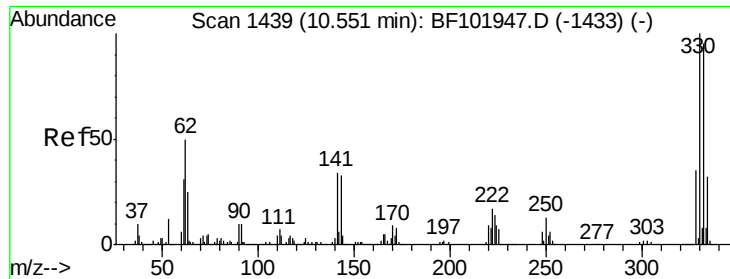
Ion Ratio Lower Upper

237 100

235 63.6 44.8 84.8

272 13.2 0.0 33.3

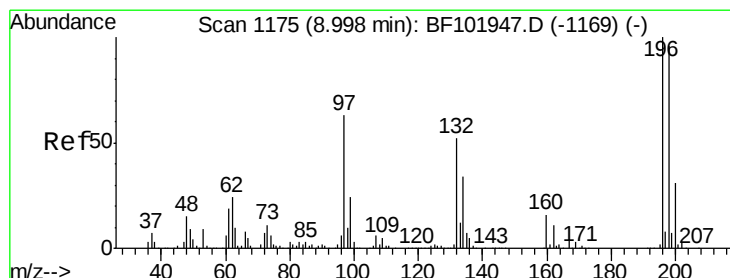
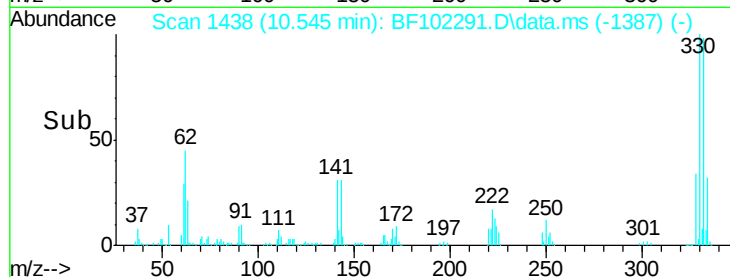
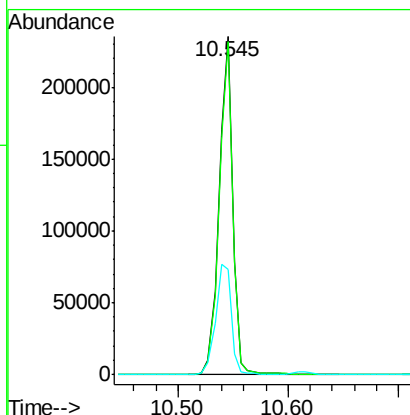
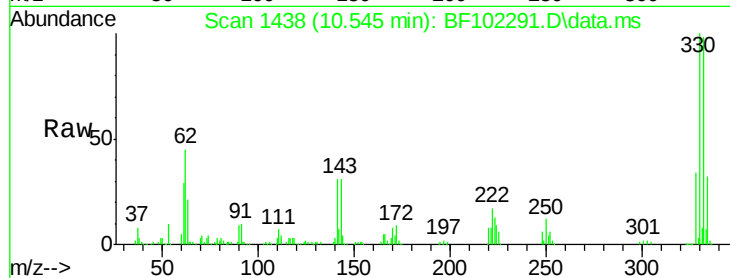




#41
 2,4,6-Tribromophenol
 Concen: 90.24 ng
 RT: 10.545 min Scan# 1439
 Delta R.T. 0.000 min
 Lab File: BF102291.D
 Acq: 22 Jan 2018 11:28

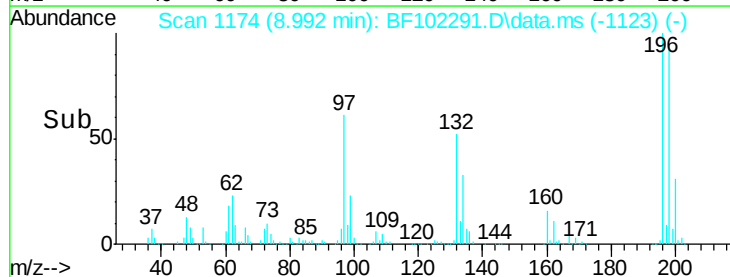
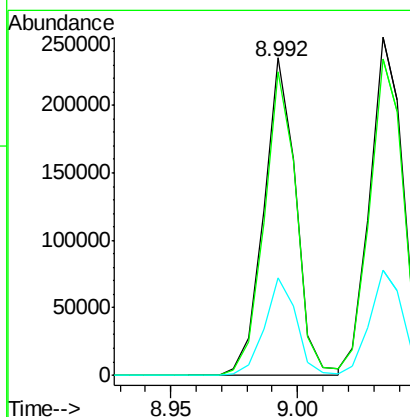
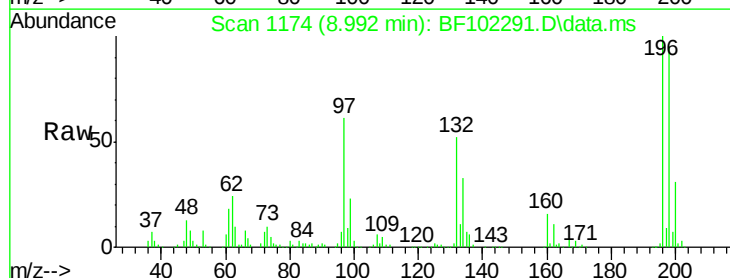
Instrument :
 BNA_F
 ClientSampled :

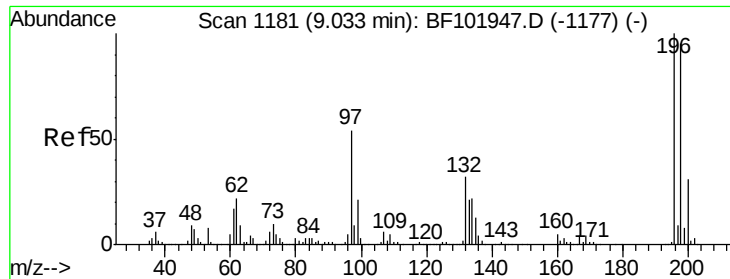
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	37.4	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 41.66 ng
 RT: 8.992 min Scan# 1174
 Delta R.T. 0.000 min
 Lab File: BF102291.D
 Acq: 22 Jan 2018 11:28

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.5	75.7	113.5
200	30.8	24.5	36.7

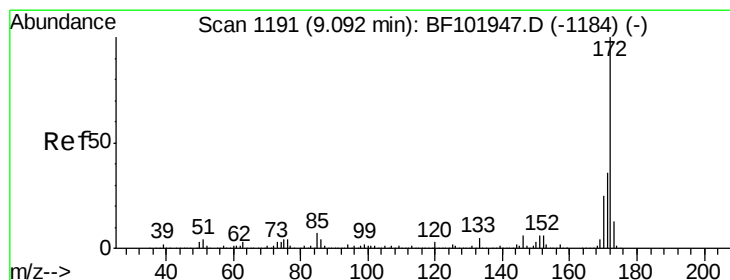
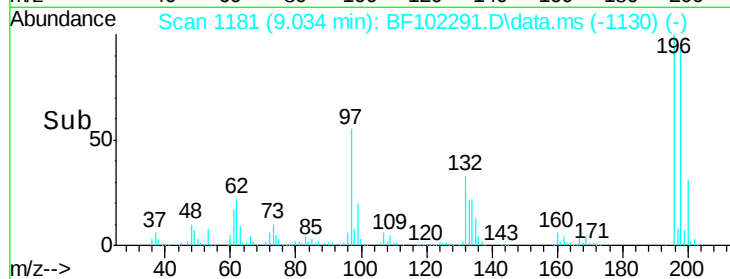
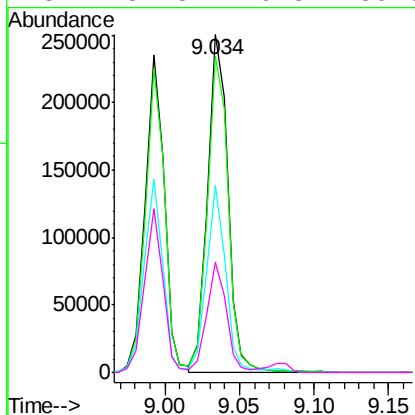
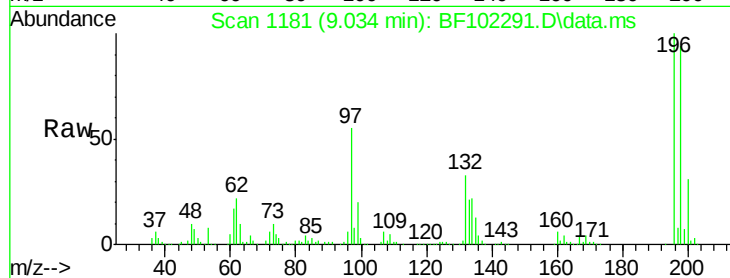




#43
 2,4,5-Trichlorophenol
 Concen: 41.75 ng
 RT: 9.034 min Scan# 1181
 Delta R.T. 0.000 min
 Lab File: BF102291.D
 Acq: 22 Jan 2018 11:28

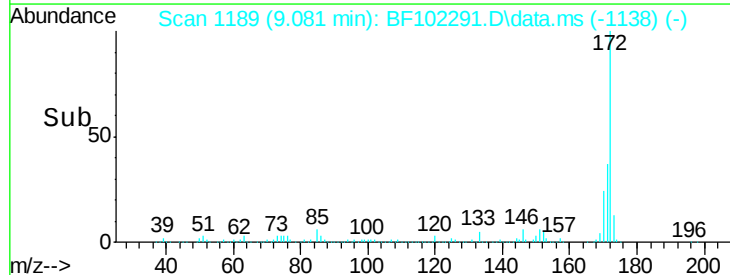
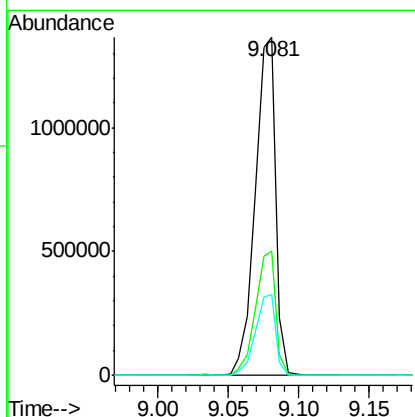
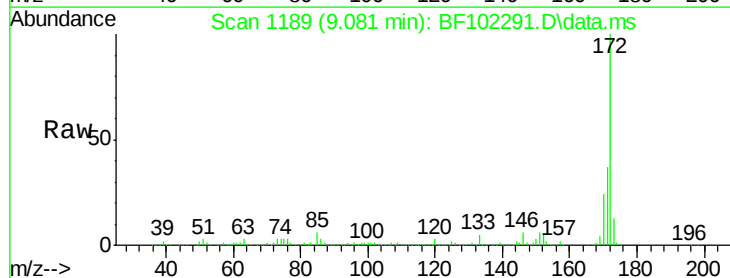
Instrument :
 BNA_F
 ClientSampleId :

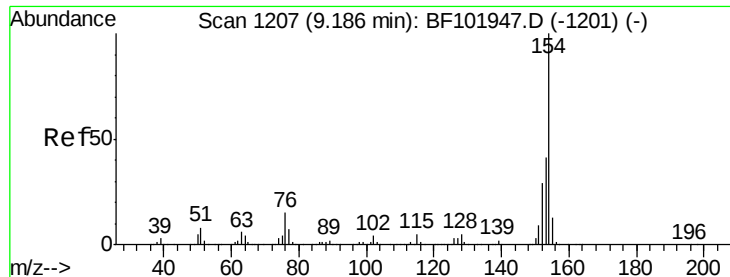
Tot Ion:	196	Resp:	236124
Ion Ratio	Lower	Upper	
196	100		
198	93.6	74.6	112.0
97	55.1	42.9	64.3
132	32.8	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 85.38 ng
 RT: 9.081 min Scan# 1189
 Delta R.T. 0.000 min
 Lab File: BF102291.D
 Acq: 22 Jan 2018 11:28

Tgt Ion:	172	Resp:	1402771
Ion Ratio	Lower	Upper	
172	100		
171	36.6	29.7	44.5
170	24.1	19.6	29.4

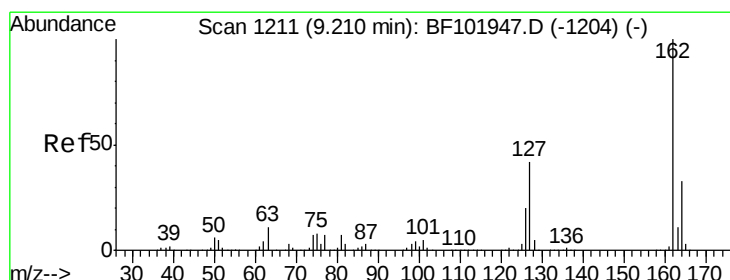
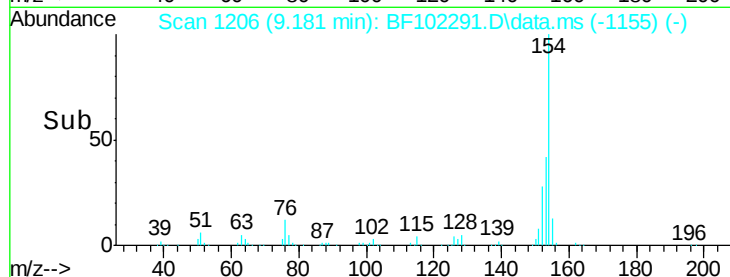
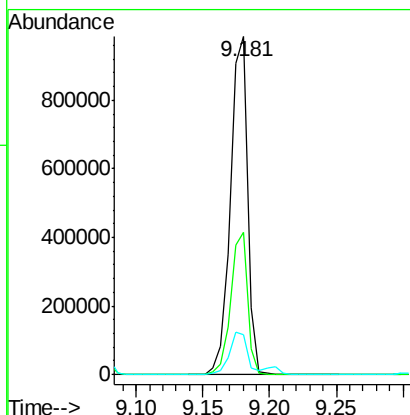
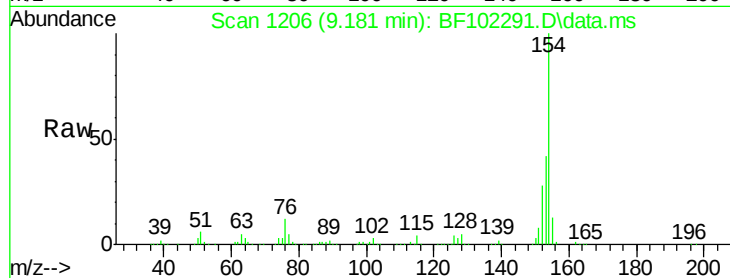




#45
 1,1'-Biphenyl
 Concen: 39.79 ng
 RT: 9.181 min Scan# 1207
 Delta R.T. 0.000 min
 Lab File: BF102291.D
 Acq: 22 Jan 2018 11:28

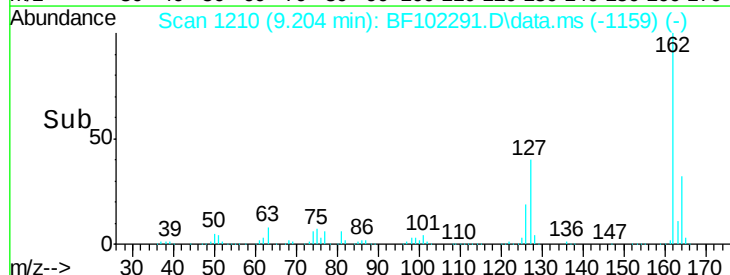
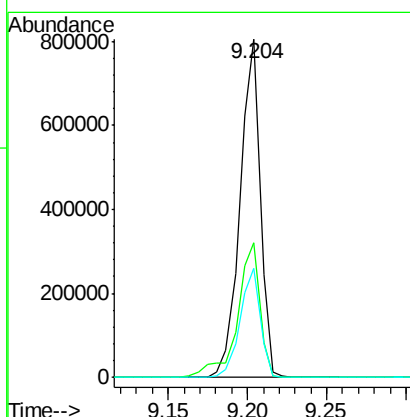
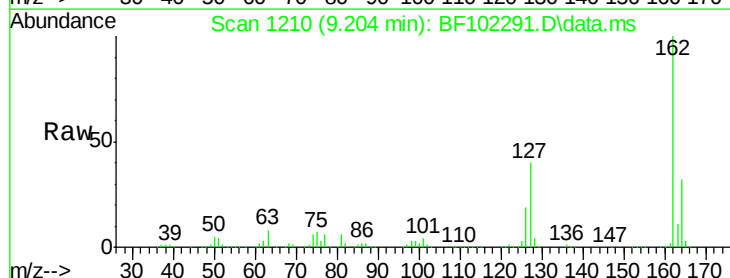
Instrument :
 BNA_F
 ClientSampleId :

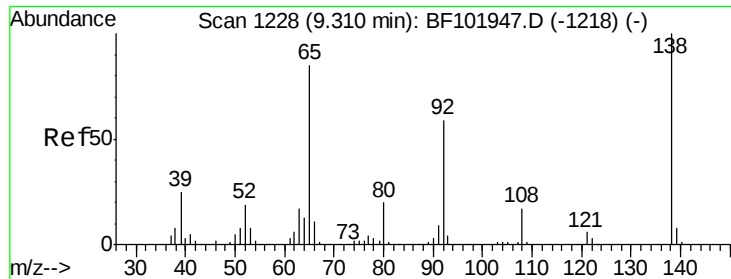
Tot Ion	Ratio	Lower	Upper
154	100		
153	42.1	21.3	61.3
76	11.7	0.0	34.0



#46
 2-Chloronaphthalene
 Concen: 40.47 ng
 RT: 9.204 min Scan# 1210
 Delta R.T. 0.000 min
 Lab File: BF102291.D
 Acq: 22 Jan 2018 11:28

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.0	33.9	50.9
164	32.3	26.5	39.7

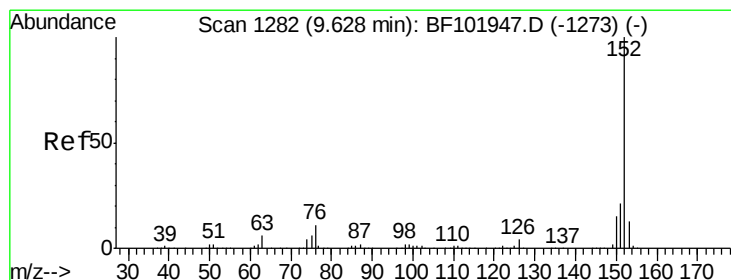
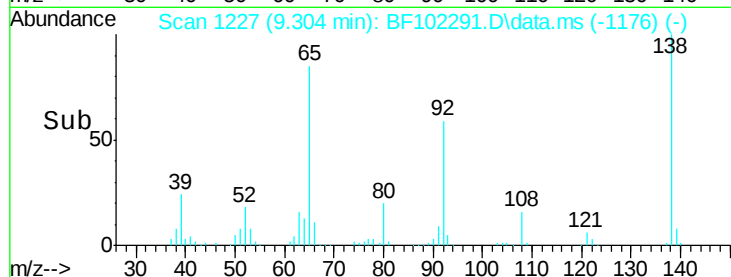
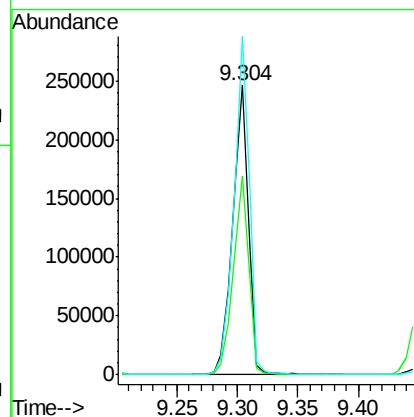
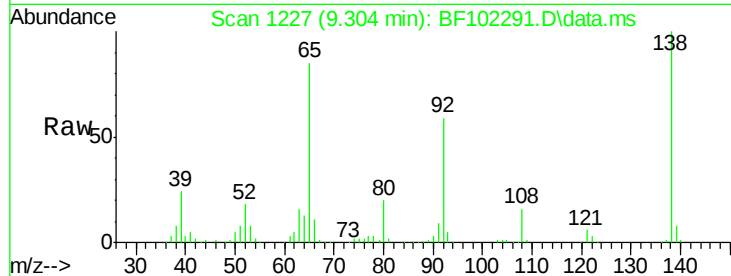




#47
 2-Nitroaniline
 Concen: 42.23 ng
 RT: 9.304 min Scan# 1227
 Delta R.T. 0.000 min
 Lab File: BF102291.D
 Acq: 22 Jan 2018 11:28

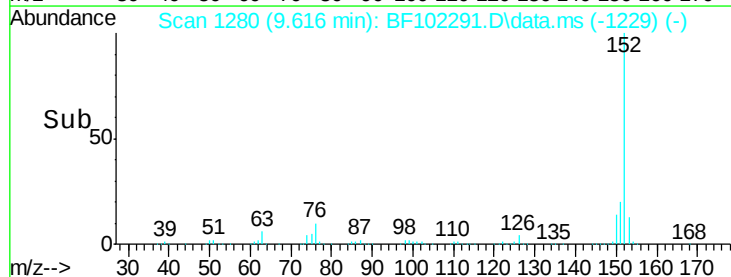
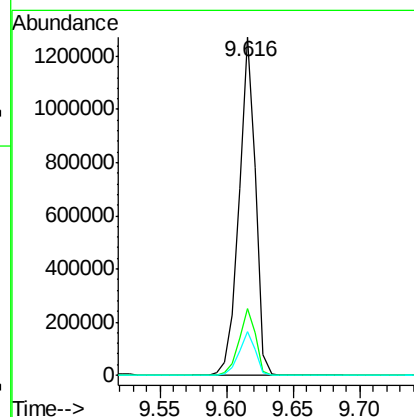
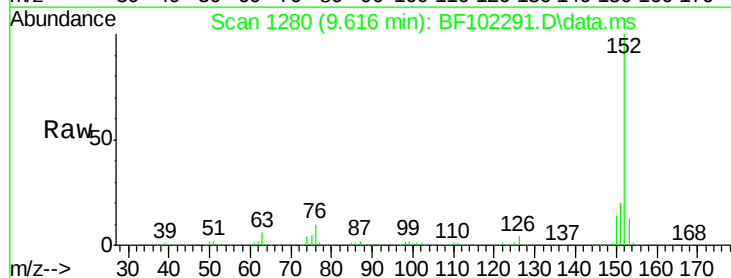
Instrument :
 BNA_F
 ClientSampleId :

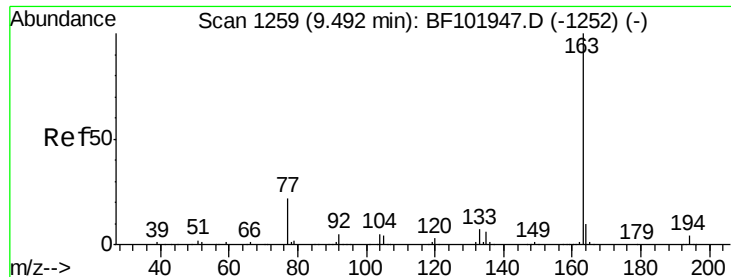
Tot Ion: 65 Resp: 222522
 Ion Ratio Lower Upper
 65 100
 92 68.7 55.8 83.6
 138 117.0 91.2 136.8



#48
 Acenaphthylene
 Concen: 39.51 ng
 RT: 9.616 min Scan# 1280
 Delta R.T. 0.000 min
 Lab File: BF102291.D
 Acq: 22 Jan 2018 11:28

Tgt Ion: 152 Resp: 1103217
 Ion Ratio Lower Upper
 152 100
 151 19.7 16.3 24.5
 153 13.1 10.7 16.1

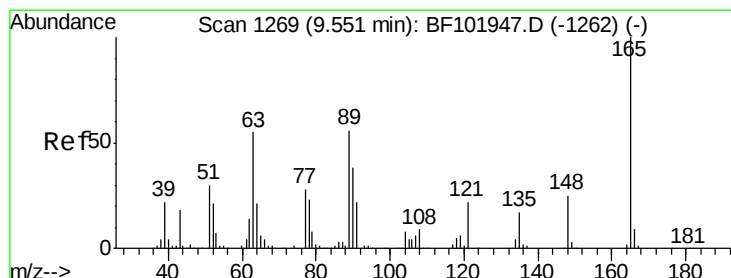
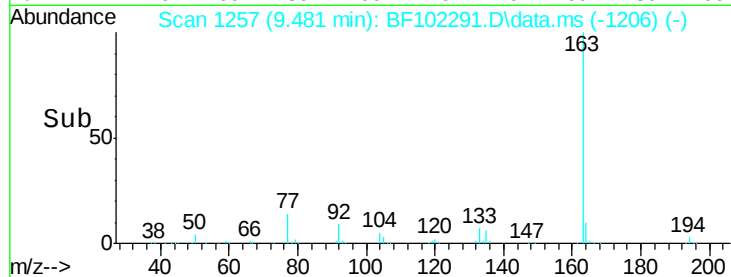
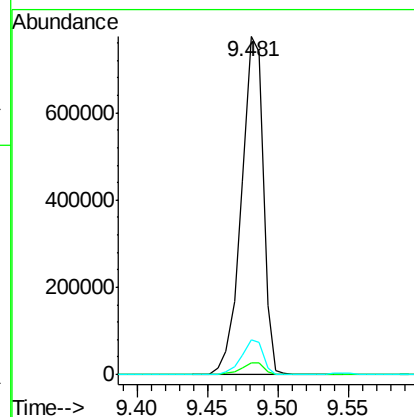
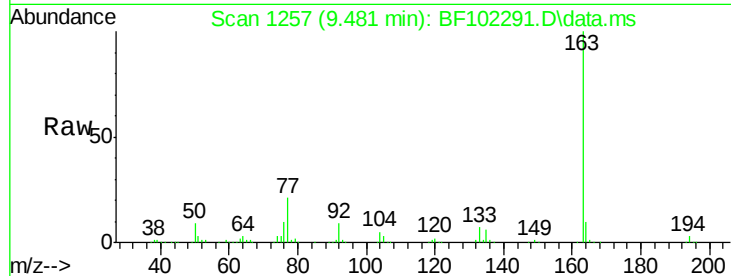




#49
Dimethylphthalate
Concen: 40.62 ng
RT: 9.481 min Scan# 1259
Delta R.T. 0.000 min
Lab File: BF102291.D
Acq: 22 Jan 2018 11:28

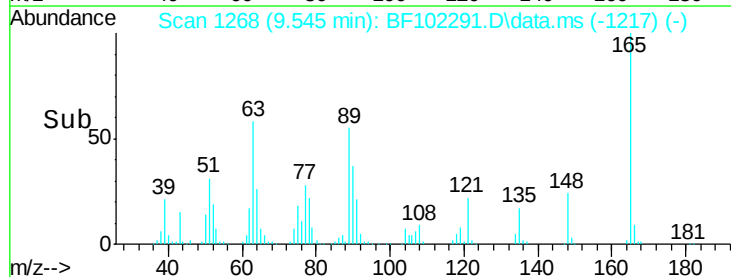
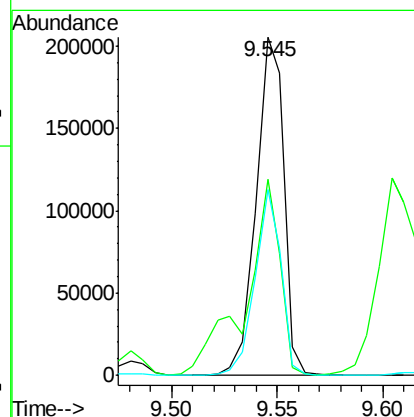
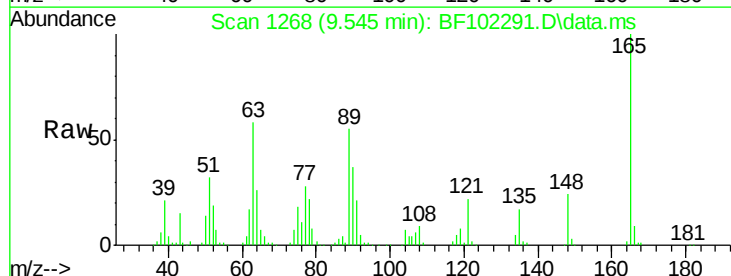
Instrument :
BNA_F
ClientSampleId :

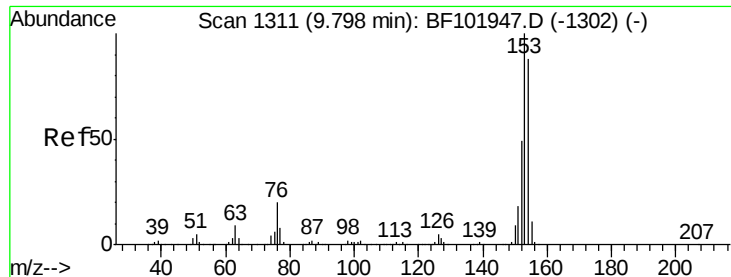
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.2	8.2	12.2



#50
2,6-Dinitrotoluene
Concen: 45.68 ng
RT: 9.545 min Scan# 1268
Delta R.T. 0.000 min
Lab File: BF102291.D
Acq: 22 Jan 2018 11:28

Tgt Ion	Ratio	Lower	Upper
165	100		
63	57.9	44.7	67.1
89	54.9	44.0	66.0





#51

Acenaphthene

Concen: 37.59 ng

RT: 9.786 min Scan# 1311

Delta R.T. 0.000 min

Lab File: BF102291.D

Acq: 22 Jan 2018 11:28

Instrument :

BNA_F

ClientSampleId :

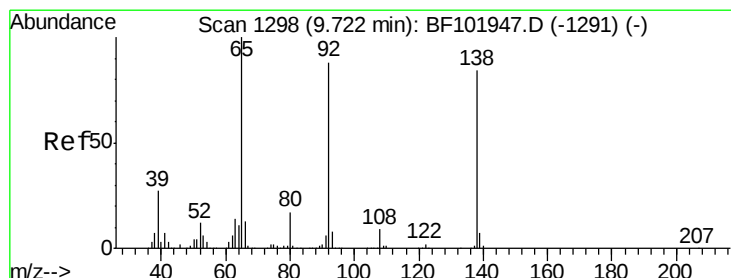
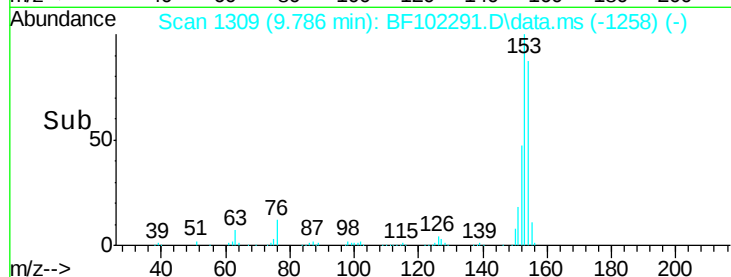
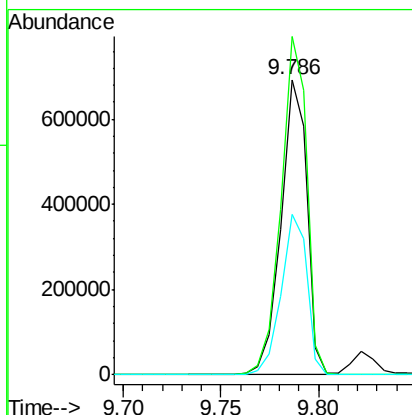
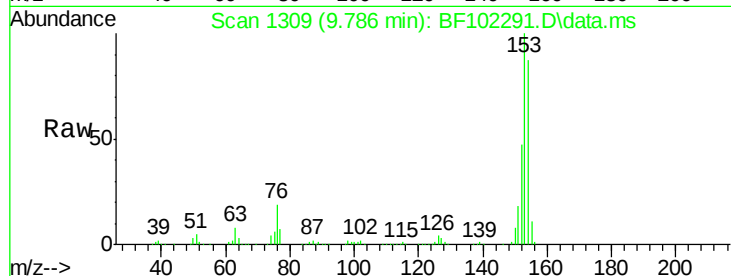
Tot Ion:154 Resp: 636967

Ion Ratio Lower Upper

154 100

153 114.5 91.2 136.8

152 54.1 43.8 65.8



#52

3-Nitroaniline

Concen: 41.97 ng

RT: 9.716 min Scan# 1297

Delta R.T. 0.000 min

Lab File: BF102291.D

Acq: 22 Jan 2018 11:28

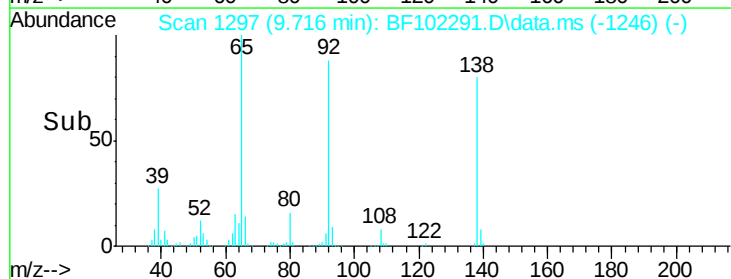
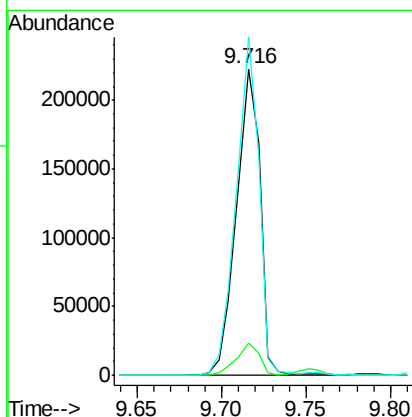
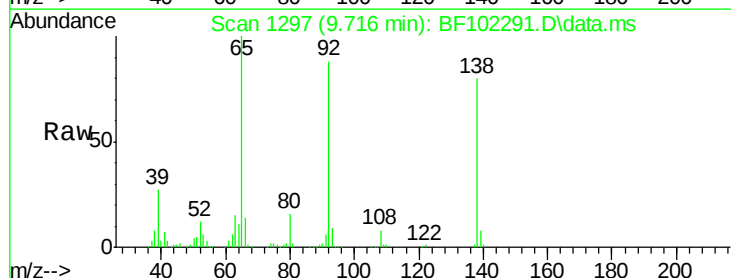
Tgt Ion:138 Resp: 217834

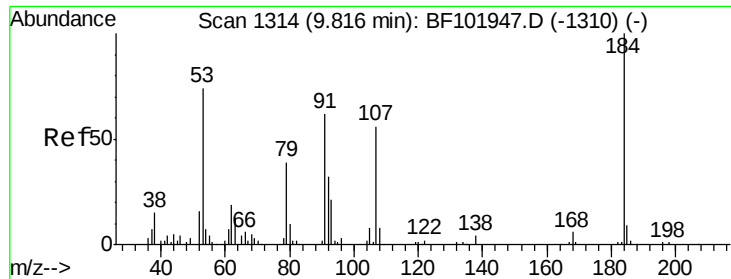
Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.0

92 110.4 89.4 134.2

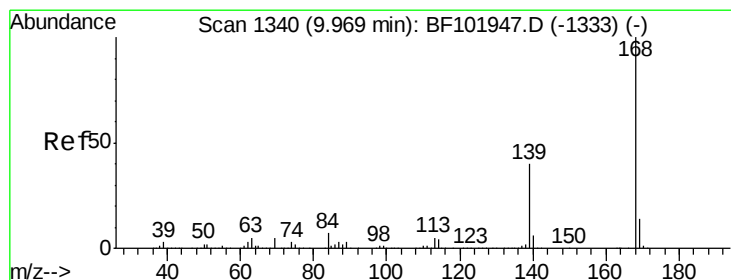
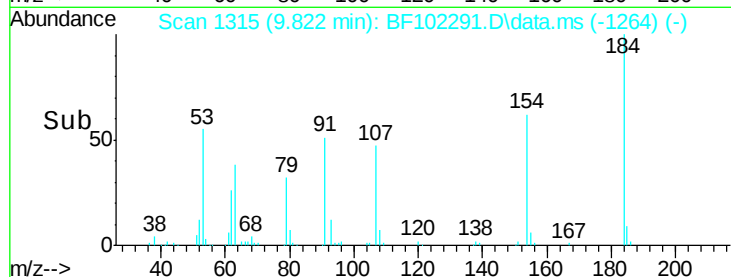
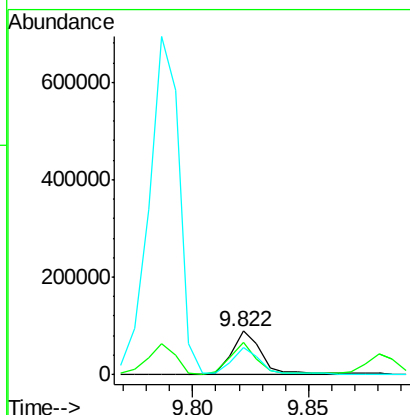
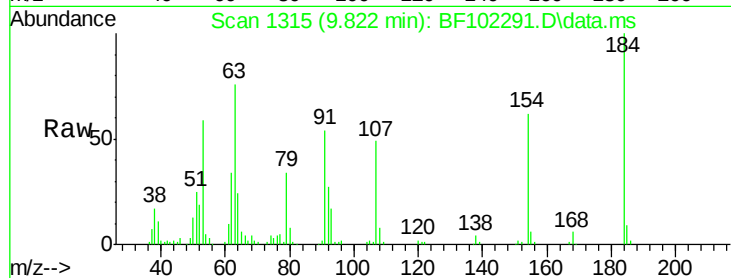




#53
2,4-Dinitrophenol
Concen: 64.12 ng
RT: 9.822 min Scan# 1314
Delta R.T. 0.000 min
Lab File: BF102291.D
Acq: 22 Jan 2018 11:28

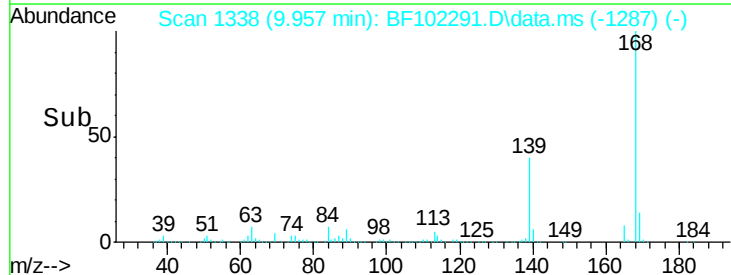
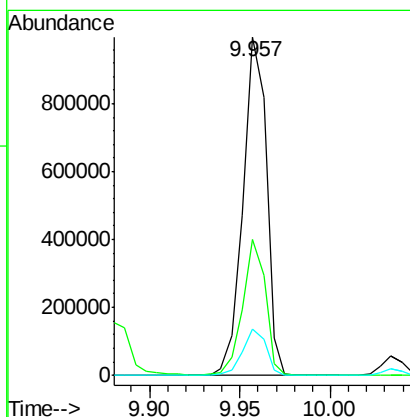
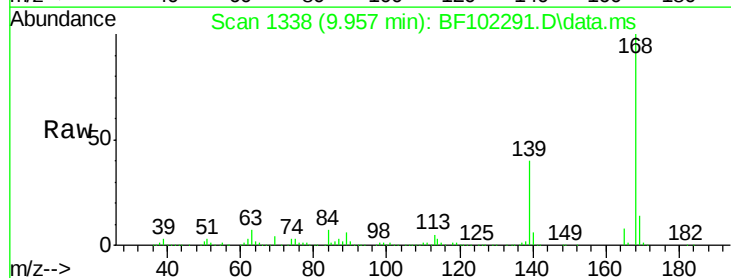
Instrument :
BNA_F
ClientSampled :

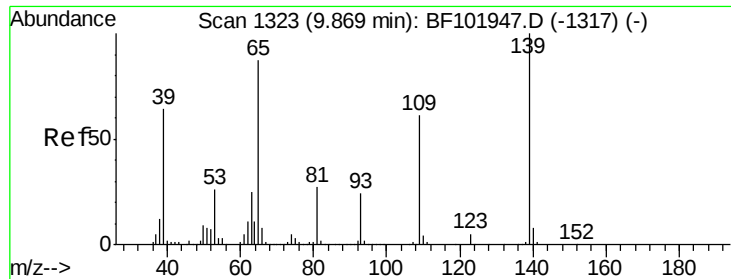
Tot Ion:184 Resp: 80359
Ion Ratio Lower Upper
184 100
63 75.8 54.2 81.2
154 62.0 184.0 276.0#



#54
Dibenzofuran
Concen: 38.66 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF102291.D
Acq: 22 Jan 2018 11:28

Tgt Ion:168 Resp: 899191
Ion Ratio Lower Upper
168 100
139 40.4 30.1 45.1
169 13.9 10.9 16.3

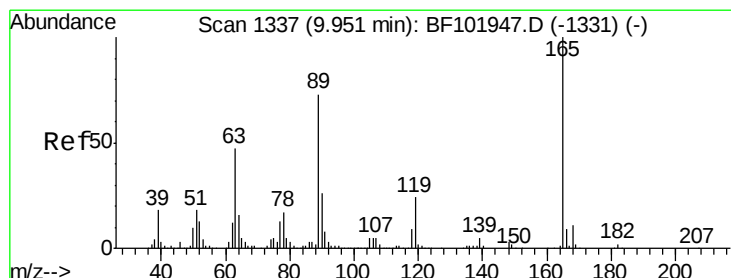
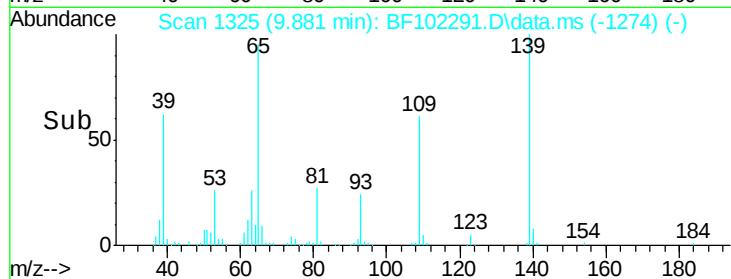
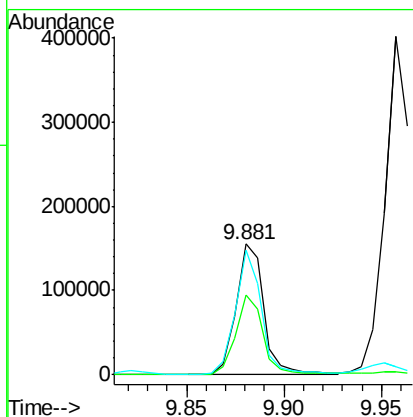
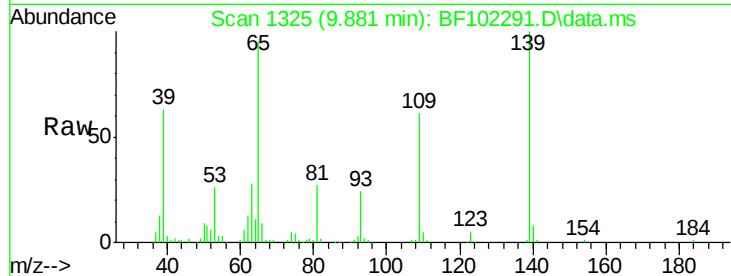




#55
4-Nitrophenol
Concen: 39.52 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF102291.D
Acq: 22 Jan 2018 11:28

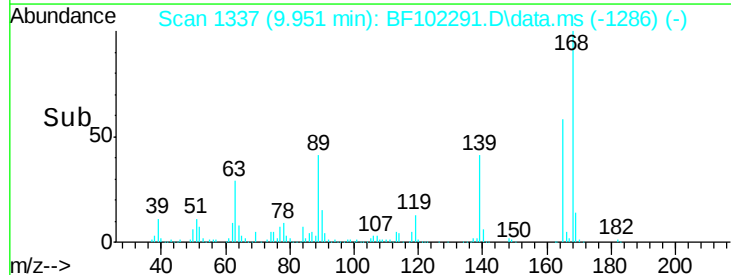
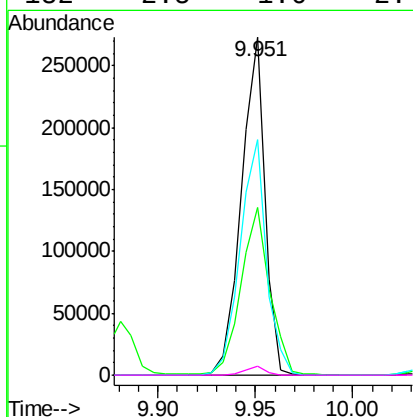
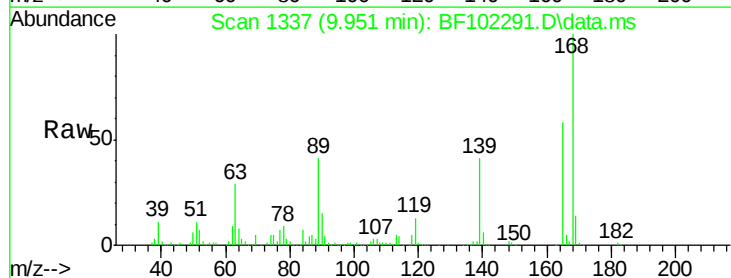
Instrument :
BNA_F
ClientSampleId :

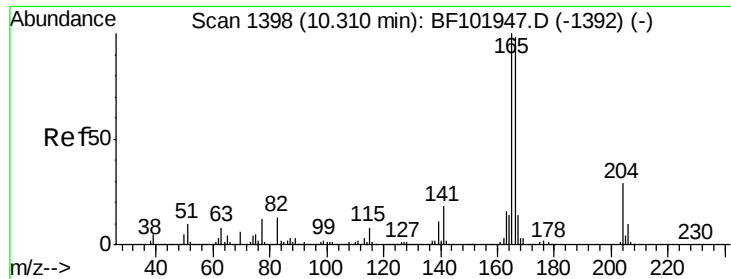
Tot Ion	Ratio	Lower	Upper
139	100		
109	60.9	48.4	88.4
65	95.2	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 44.54 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF102291.D
Acq: 22 Jan 2018 11:28

Tgt Ion	Ratio	Lower	Upper
165	100		
63	49.5	36.4	54.6
89	69.8	57.8	86.6
182	2.5	1.6	2.4#





#57

Fluorene

Concen: 43.29 ng

RT: 10.304 min Scan# 1397

Delta R.T. 0.000 min

Lab File: BF102291.D

Acq: 22 Jan 2018 11:28

Instrument :

BNA_F

ClientSampleId :

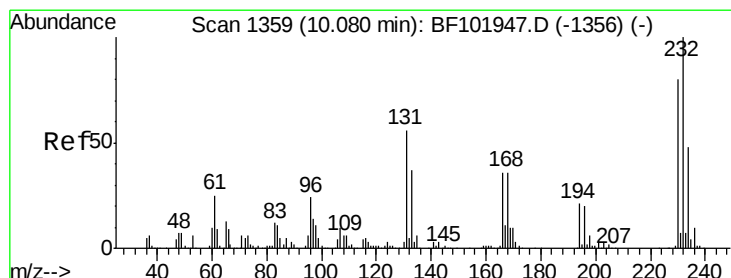
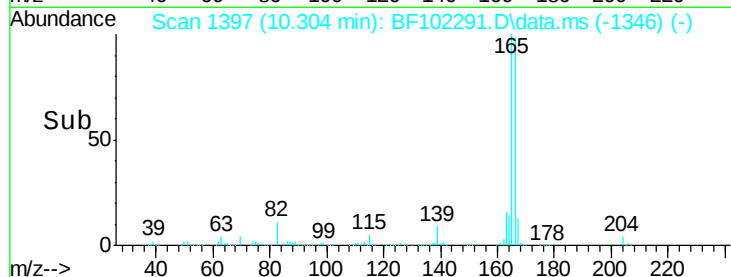
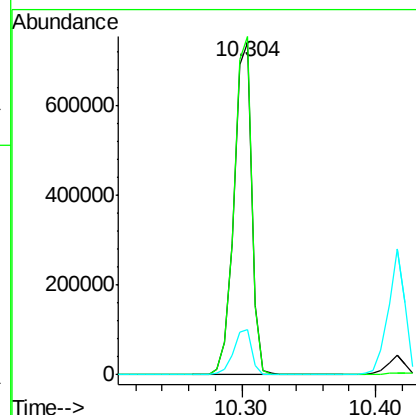
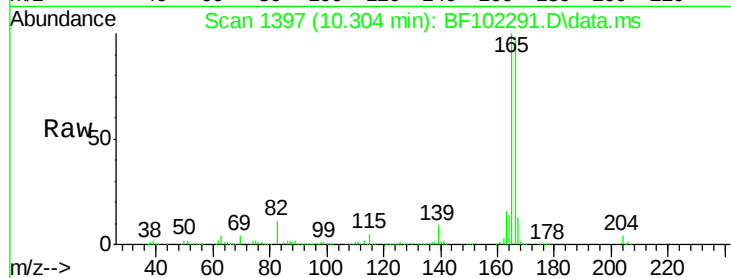
Tot Ion:166 Resp: 696037

Ion Ratio Lower Upper

166 100

165 101.8 79.8 119.8

167 13.6 10.6 16.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.84 ng

RT: 10.081 min Scan# 1359

Delta R.T. 0.000 min

Lab File: BF102291.D

Acq: 22 Jan 2018 11:28

Tgt Ion:232 Resp: 164424

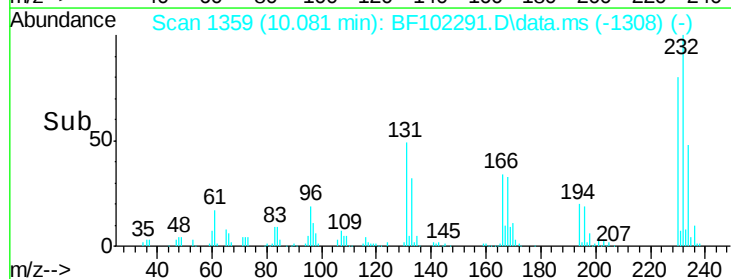
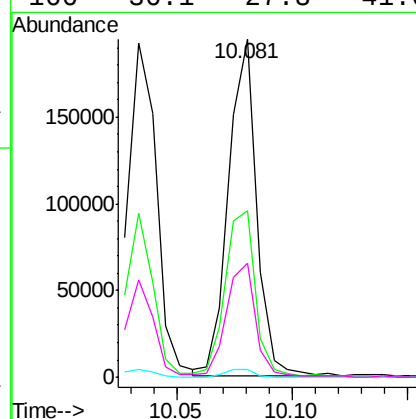
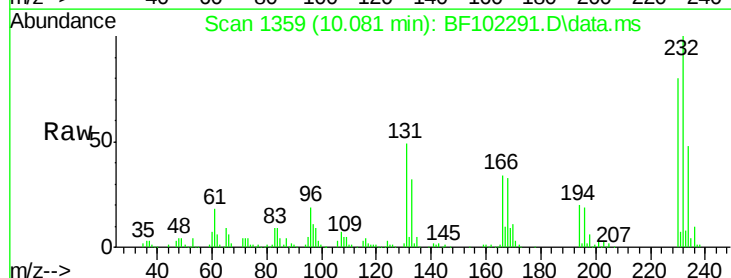
Ion Ratio Lower Upper

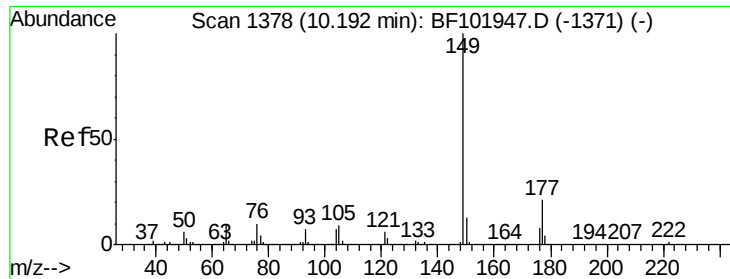
232 100

131 53.9 43.8 65.8

130 2.3 2.1 3.1

166 36.1 27.8 41.6

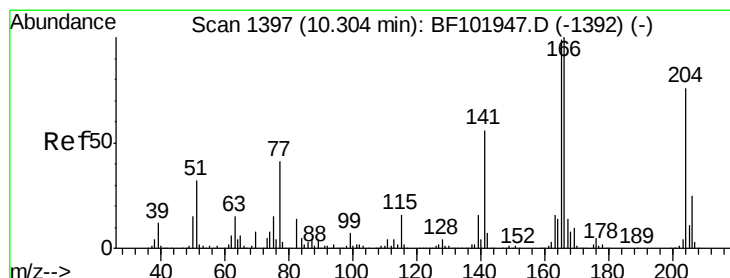
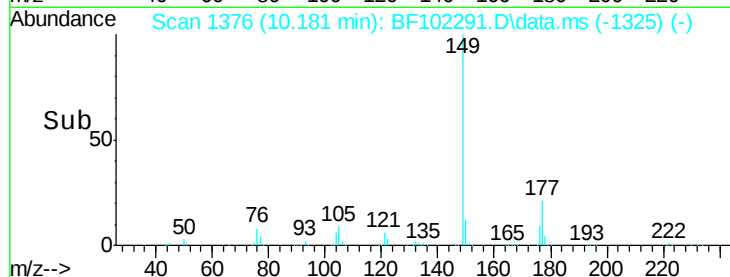
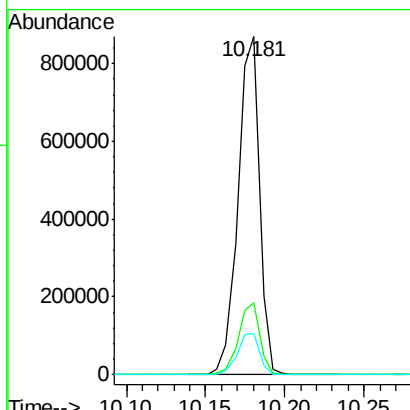
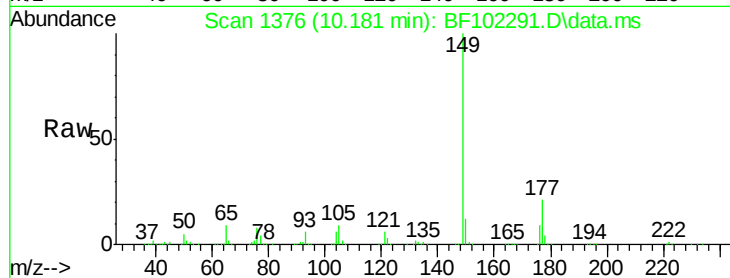




#59
Diethylphthalate
Concen: 39.83 ng
RT: 10.181 min Scan# 1378
Delta R.T. 0.000 min
Lab File: BF102291.D
Acq: 22 Jan 2018 11:28

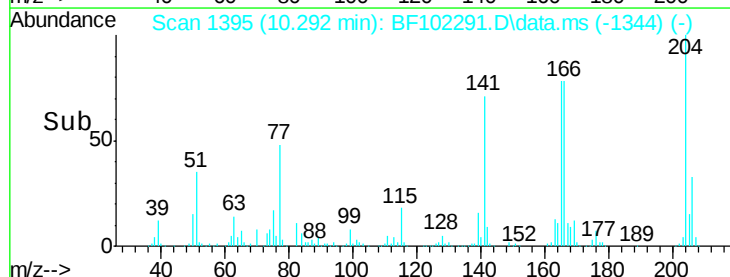
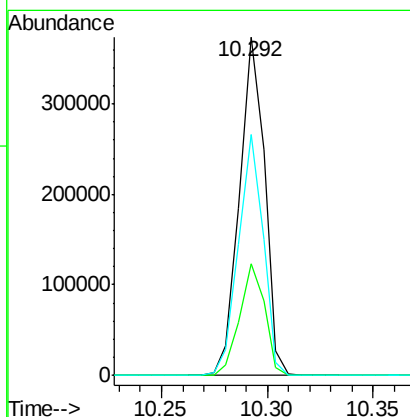
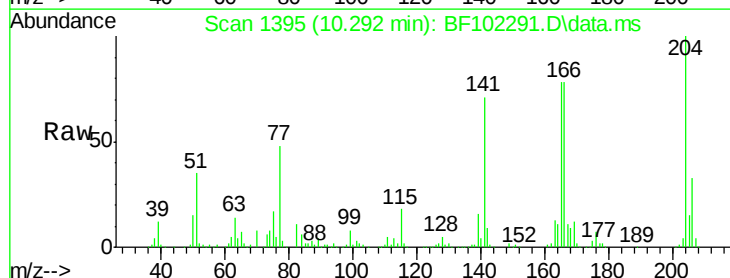
Instrument :
BNA_F
ClientSampleId :

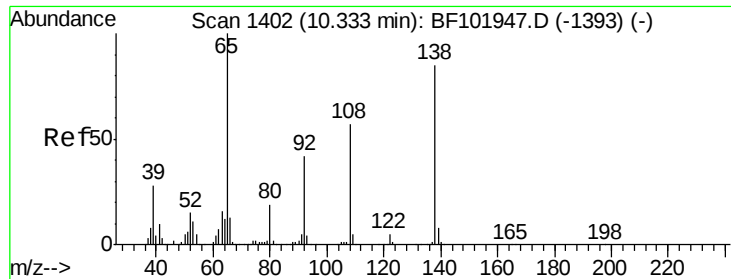
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.4	16.1	24.1
150	12.3	10.1	15.1



#60
4-Chlorophenyl-phenylether
Concen: 44.96 ng
RT: 10.292 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BF102291.D
Acq: 22 Jan 2018 11:28

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.5	39.7
141	71.3	54.6	81.8

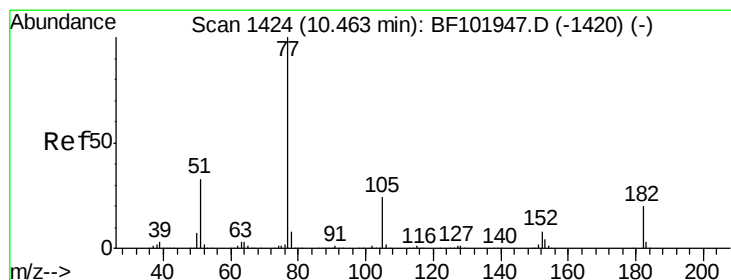
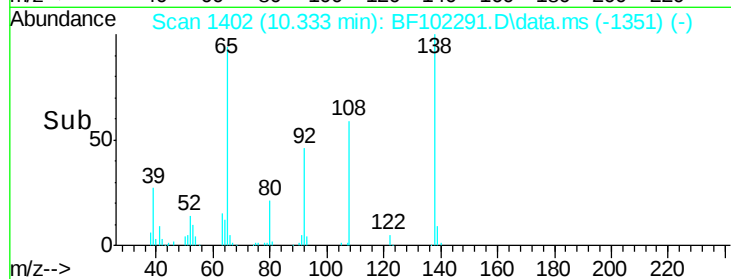
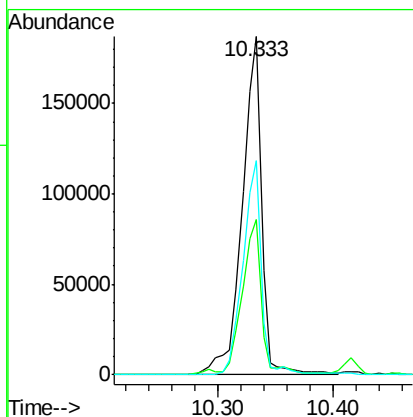
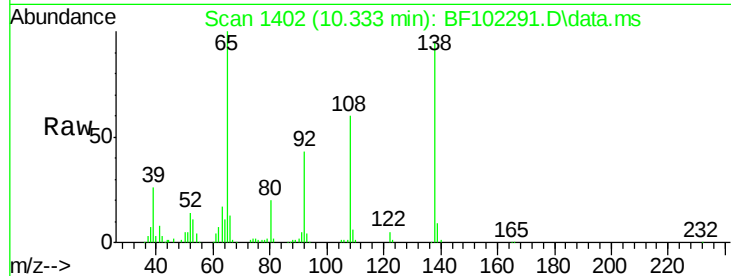




#61
4-Nitroaniline
Concen: 44.34 ng
RT: 10.333 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF102291.D
Acq: 22 Jan 2018 11:28

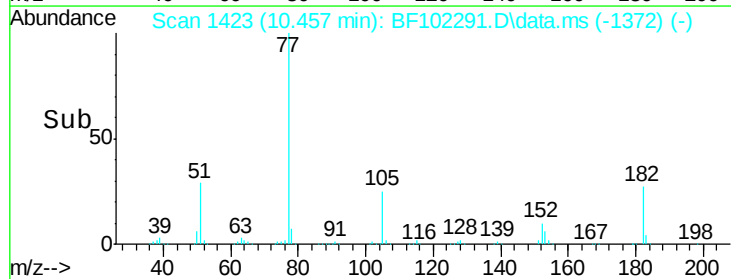
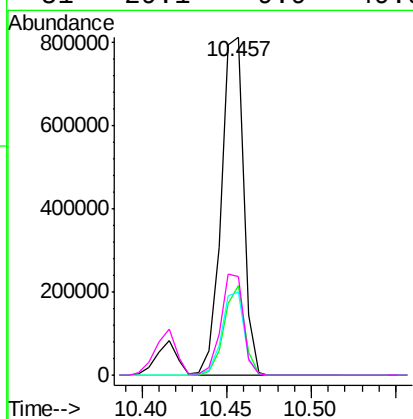
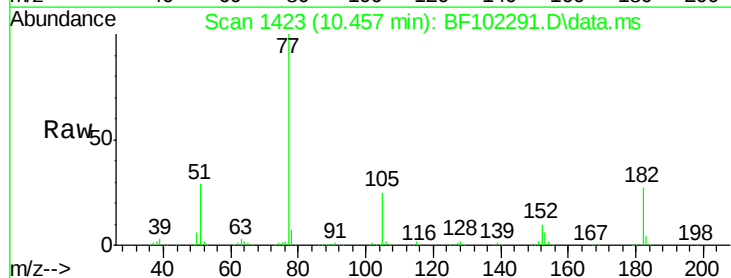
Instrument :
BNA_F
ClientSampleId :

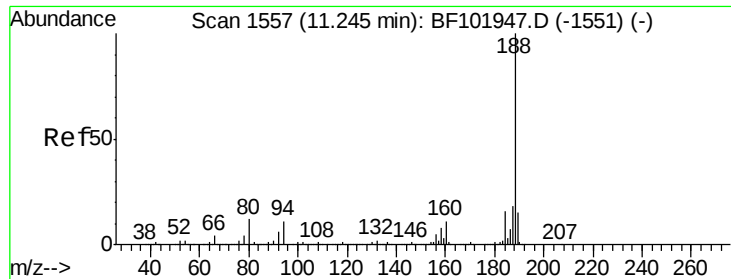
Tot Ion:138 Resp: 218414
Ion Ratio Lower Upper
138 100
92 45.8 30.2 70.2
108 63.5 52.5 92.5



#62
Azobenzene
Concen: 36.97 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF102291.D
Acq: 22 Jan 2018 11:28

Tgt Ion: 77 Resp: 753389
Ion Ratio Lower Upper
77 100
182 26.6 1.7 41.7
105 24.8 3.0 43.0
51 29.1 9.9 49.9

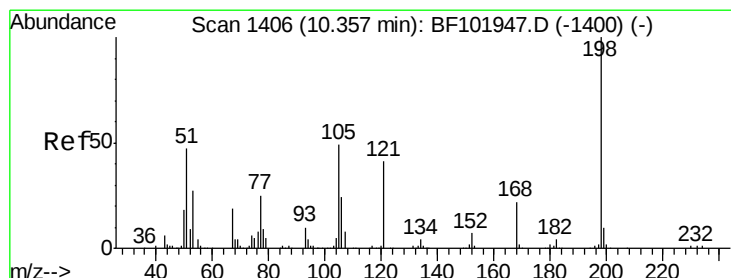
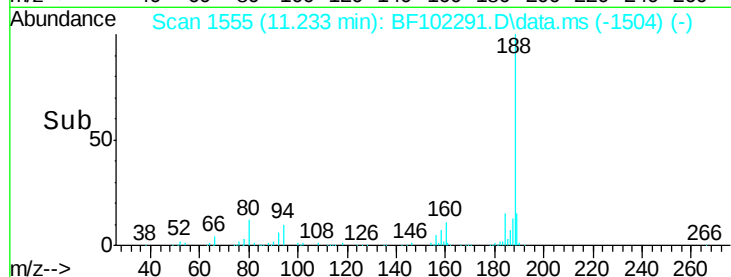
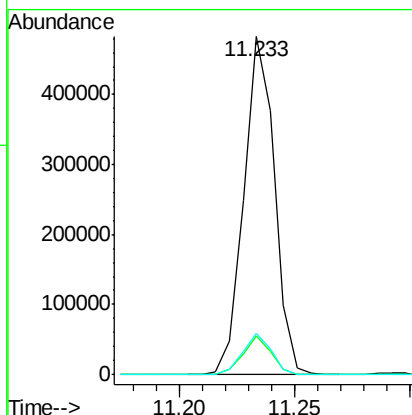
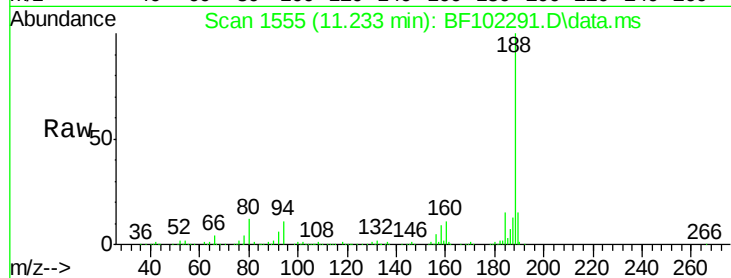




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1557
Delta R.T. 0.000 min
Lab File: BF102291.D
Acq: 22 Jan 2018 11:28

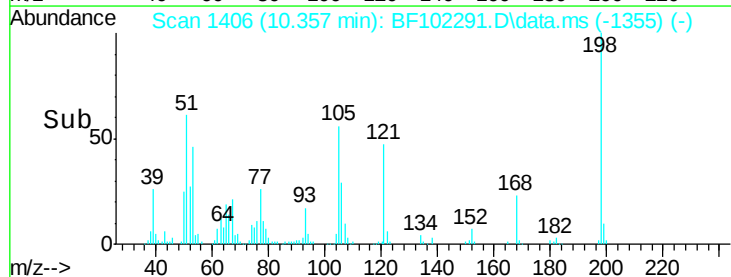
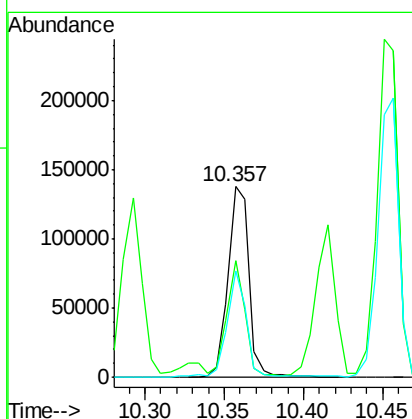
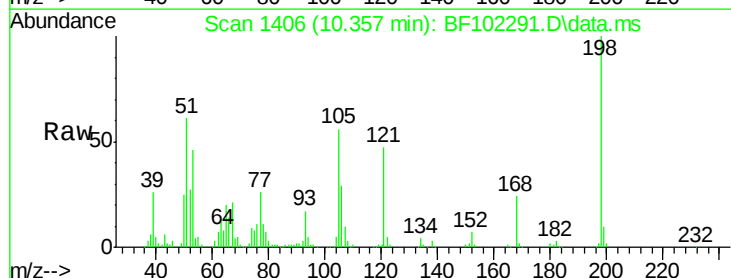
Instrument :
BNA_F
ClientSampleId :

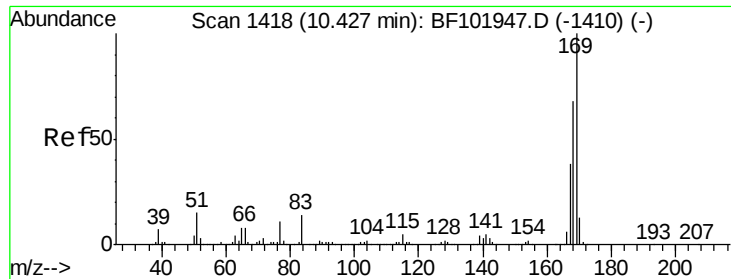
Tot Ion:188 Resp: 447841
Ion Ratio Lower Upper
188 100
94 11.4 8.5 12.7
80 12.0 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 57.43 ng
RT: 10.357 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF102291.D
Acq: 22 Jan 2018 11:28

Tgt Ion:198 Resp: 126463
Ion Ratio Lower Upper
198 100
51 60.8 37.7 77.7
105 55.8 36.3 76.3

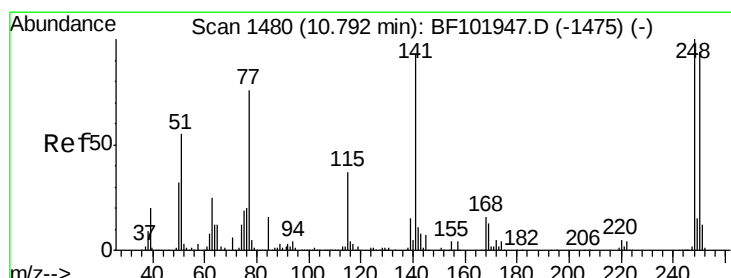
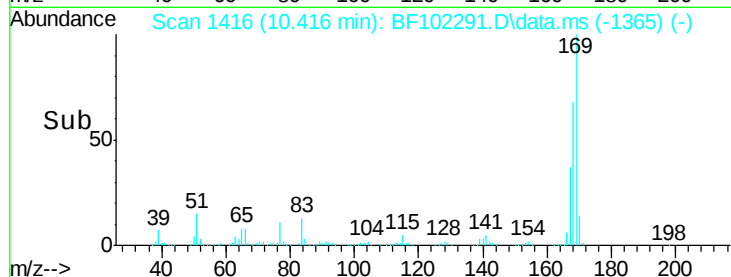
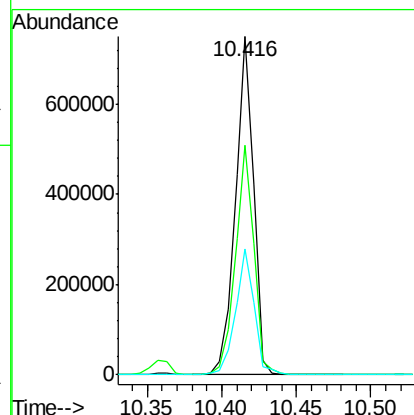
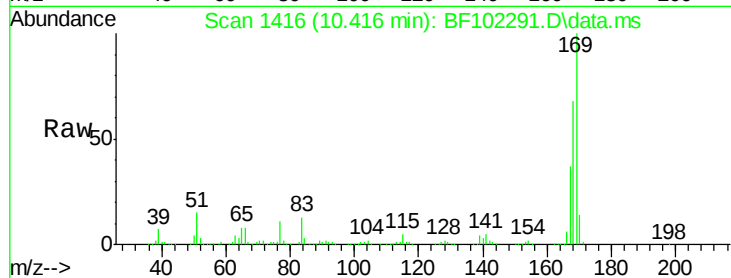




#65
 n-Nitrosodiphenylamine
 Concen: 38.63 ng
 RT: 10.416 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: BF102291.D
 Acq: 22 Jan 2018 11:28

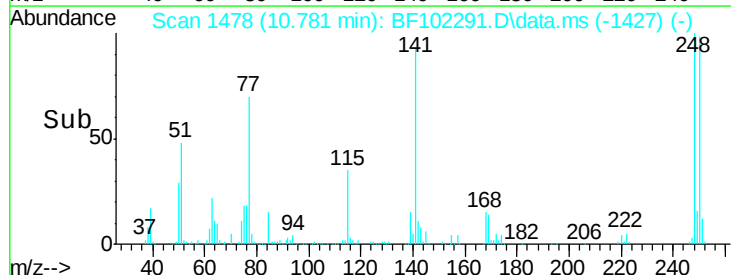
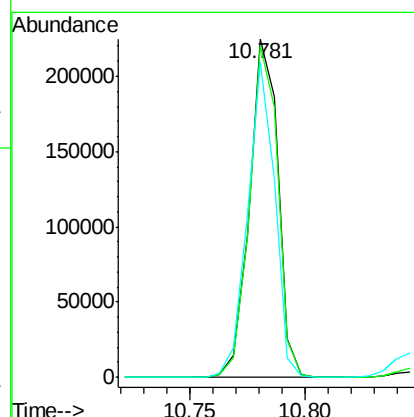
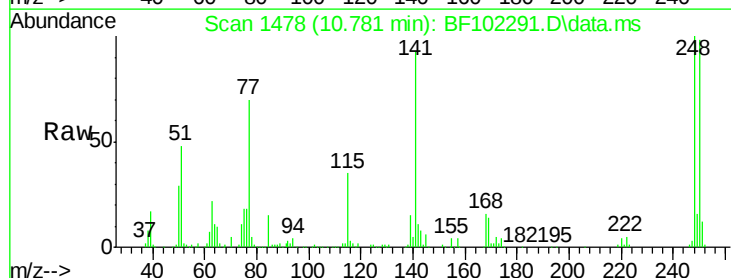
Instrument :
 BNA_F
 ClientSampleId :

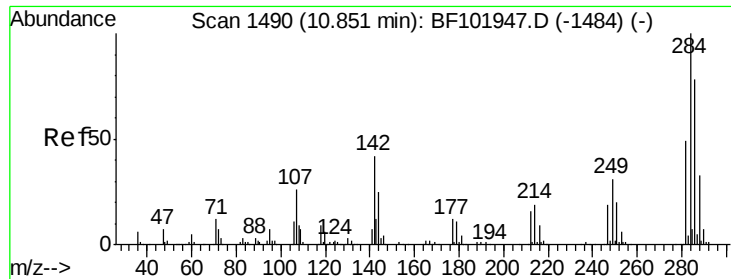
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.9	54.4	81.6
167	37.2	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 41.02 ng
 RT: 10.781 min Scan# 1478
 Delta R.T. 0.000 min
 Lab File: BF102291.D
 Acq: 22 Jan 2018 11:28

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.1	76.9	115.3
141	93.2	74.4	111.6

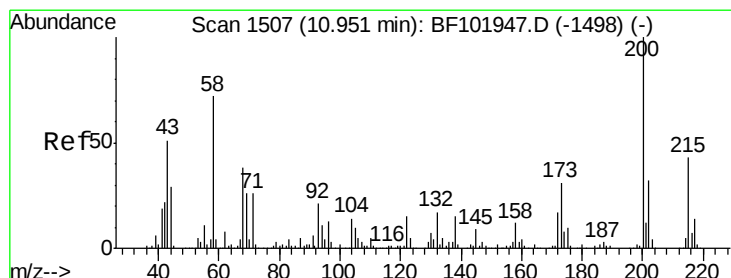
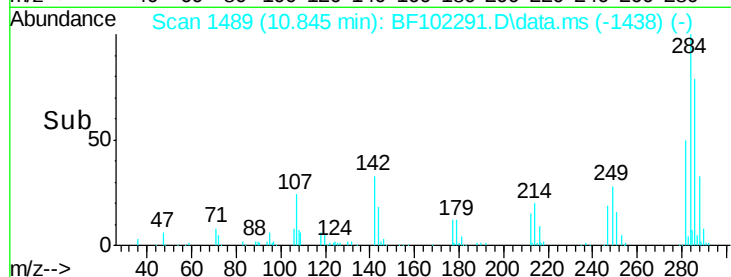
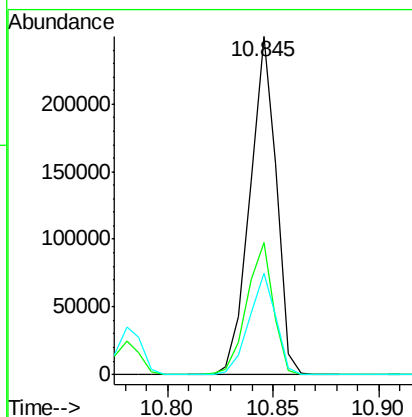
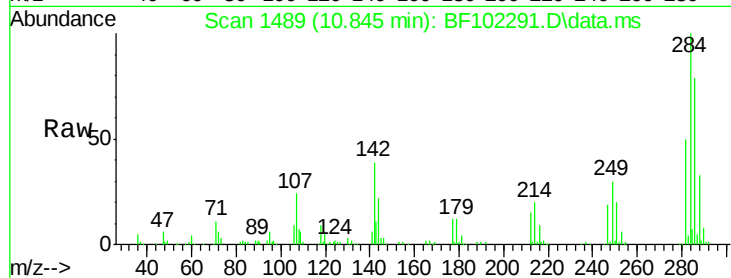




#67
Hexachlorobenzene
Concen: 42.03 ng
RT: 10.845 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BF102291.D
Acq: 22 Jan 2018 11:28

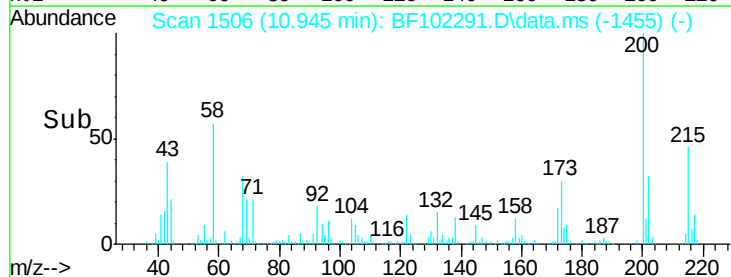
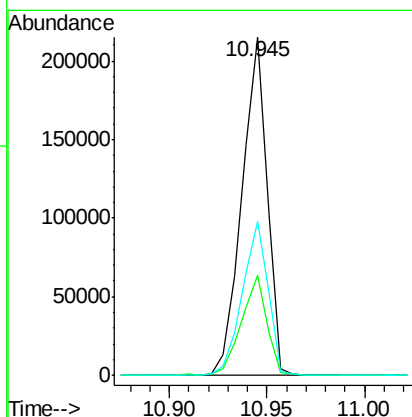
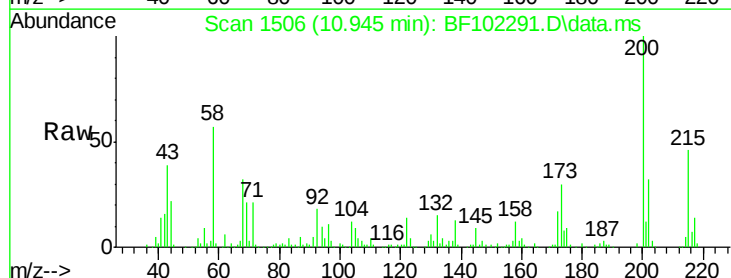
Instrument :
BNA_F
ClientSampleId :

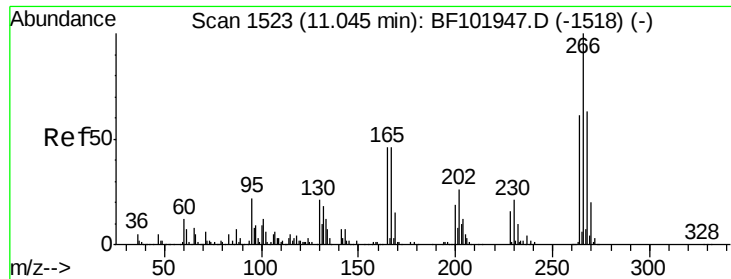
Tot Ion	Ratio	Lower	Upper
284	100		
142	38.9	34.6	52.0
249	30.1	24.8	37.2



#68
Atrazine
Concen: 39.77 ng
RT: 10.945 min Scan# 1506
Delta R.T. 0.000 min
Lab File: BF102291.D
Acq: 22 Jan 2018 11:28

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.6	8.6	48.6
215	45.6	25.1	65.1





#69

Pentachlorophenol

Concen: 39.23 ng

RT: 11.045 min Scan# 15

Delta R.T. 0.000 min

Lab File: BF102291.D

Acq: 22 Jan 2018 11:28

Instrument :

BNA_F

ClientSampleId :

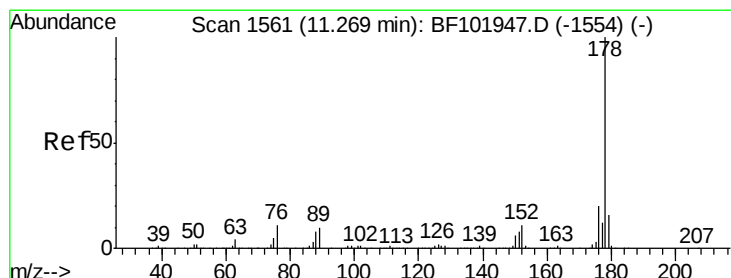
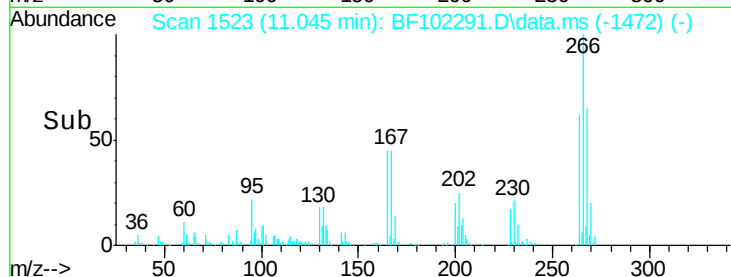
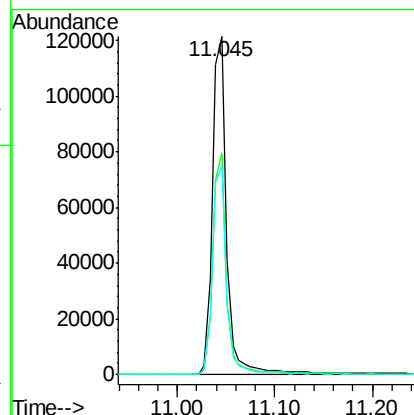
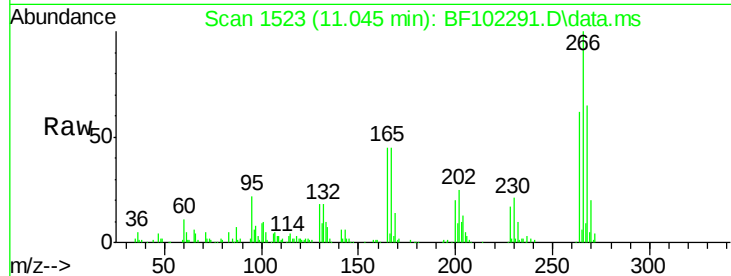
Tot Ion:266 Resp: 123509

Ion Ratio Lower Upper

266 100

268 65.5 51.1 76.7

264 61.9 49.5 74.3



#70

Phenanthrene

Concen: 39.30 ng

RT: 11.263 min Scan# 1560

Delta R.T. 0.000 min

Lab File: BF102291.D

Acq: 22 Jan 2018 11:28

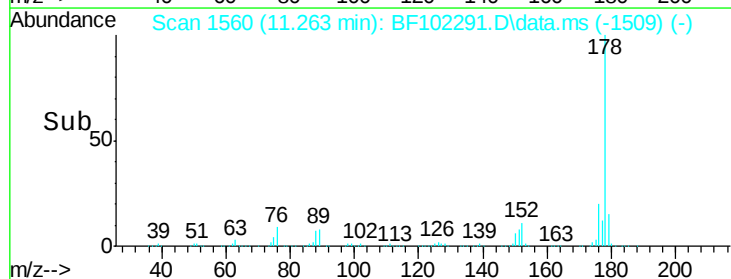
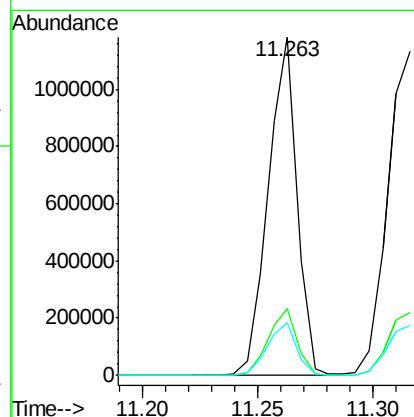
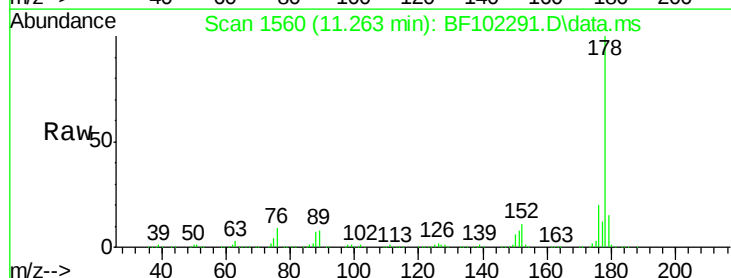
Tgt Ion:178 Resp: 1027989

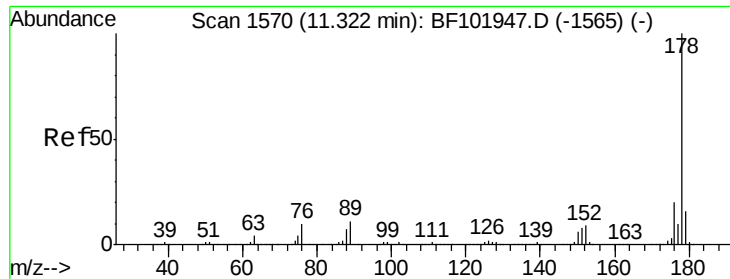
Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.8

179 15.5 13.0 19.6

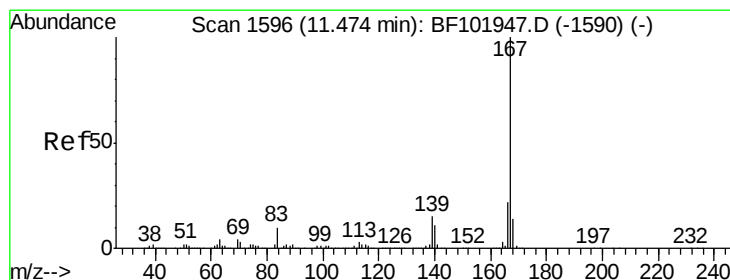
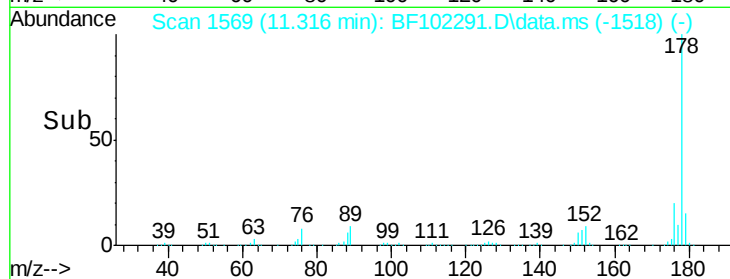
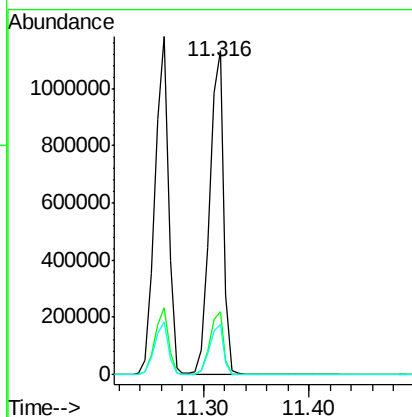
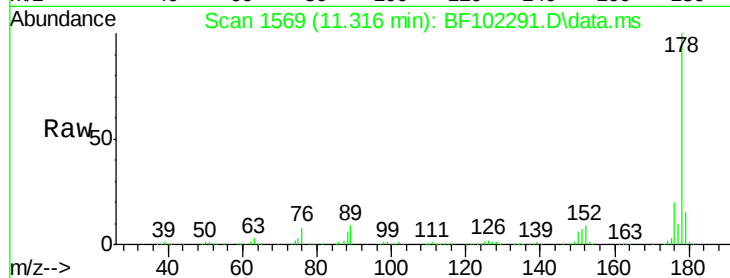




#71
 Anthracene
 Concen: 39.45 ng
 RT: 11.316 min Scan# 1570
 Delta R.T. 0.000 min
 Lab File: BF102291.D
 Acq: 22 Jan 2018 11:28

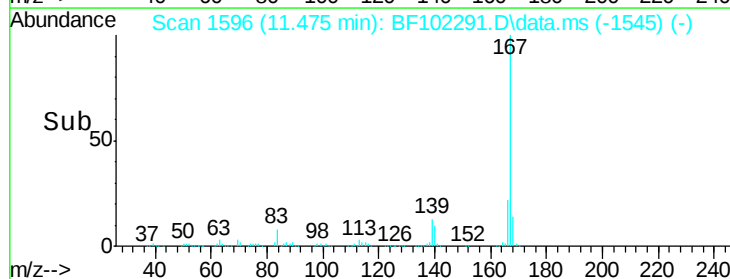
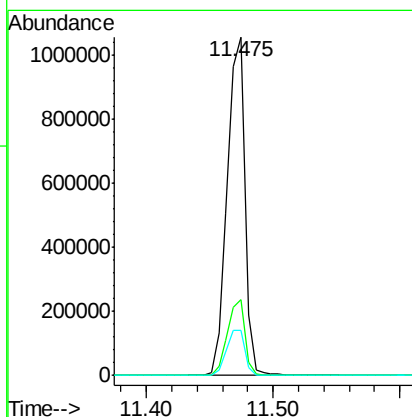
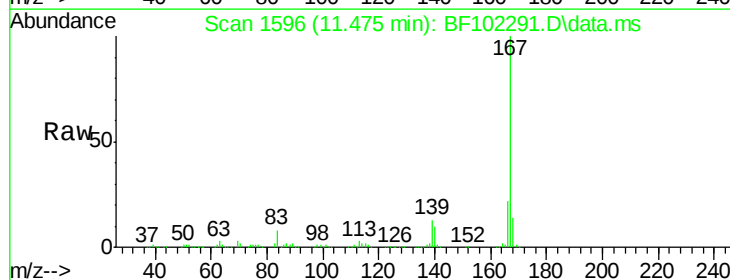
Instrument :
 BNA_F
 ClientSampleId :

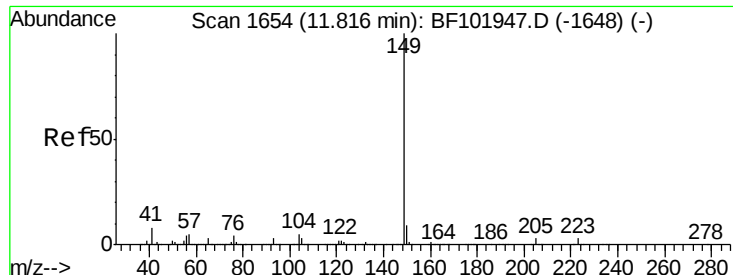
Tot Ion:178 Resp: 1046657
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.3 12.6 19.0



#72
 Carbazole
 Concen: 39.25 ng
 RT: 11.475 min Scan# 1596
 Delta R.T. 0.000 min
 Lab File: BF102291.D
 Acq: 22 Jan 2018 11:28

Tgt Ion:167 Resp: 1023617
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 13.1 10.9 16.3





#73

Di-n-butylphthalate

Concen: 40.65 ng

RT: 11.798 min Scan# 16

Delta R.T. 0.000 min

Lab File: BF102291.D

Acq: 22 Jan 2018 11:28

Instrument :

BNA_F

ClientSampleId :

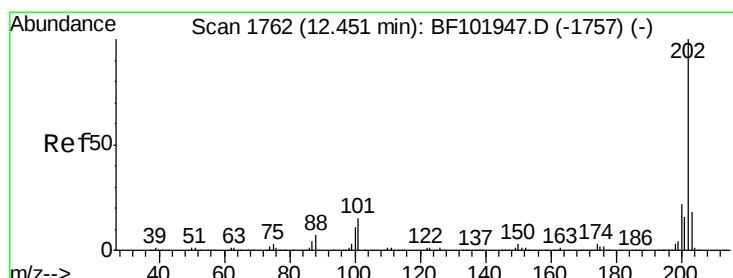
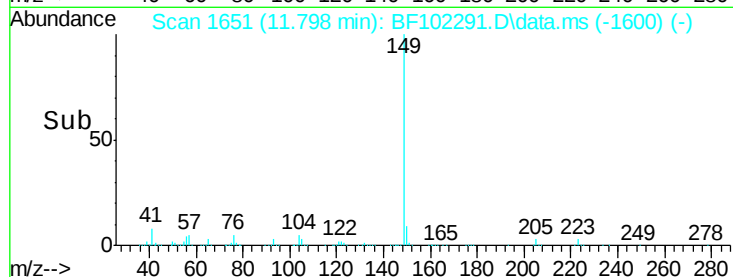
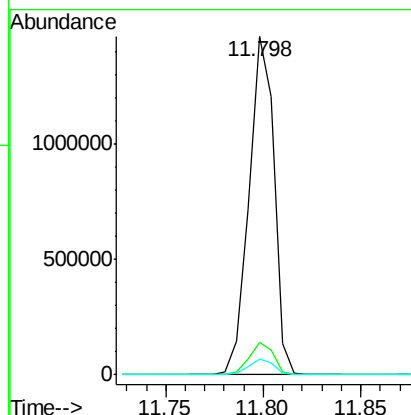
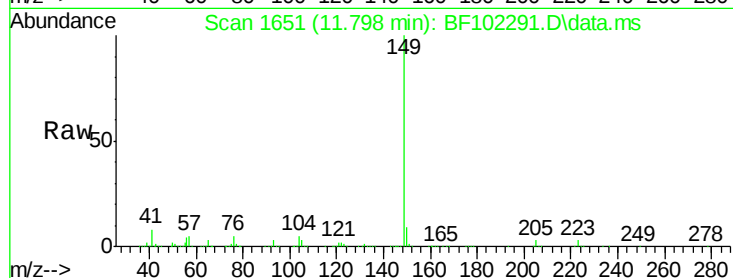
Tot Ion:149 Resp: 1300406

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

104 4.7 3.8 5.8



#74

Fluoranthene

Concen: 40.75 ng

RT: 12.445 min Scan# 1761

Delta R.T. 0.000 min

Lab File: BF102291.D

Acq: 22 Jan 2018 11:28

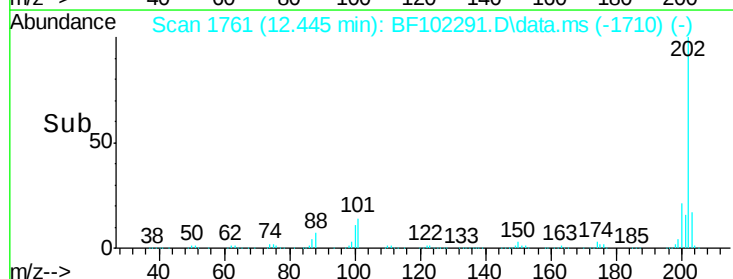
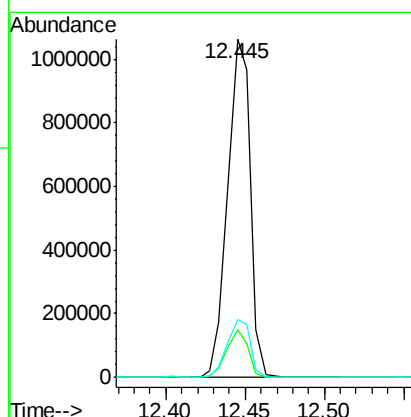
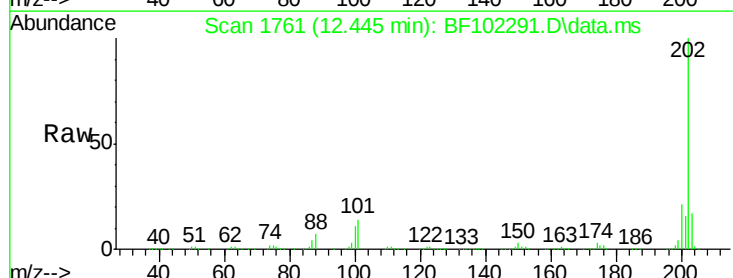
Tgt Ion:202 Resp: 1048815

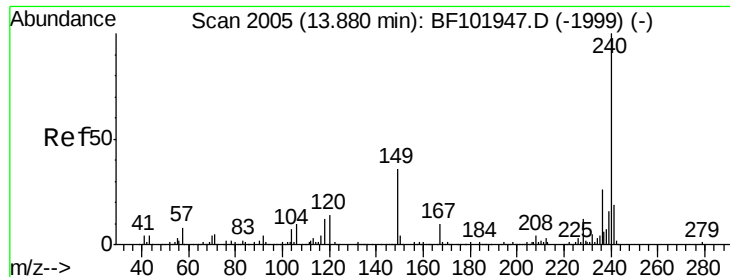
Ion Ratio Lower Upper

202 100

101 14.0 0.0 34.1

203 17.1 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.874 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF102291.D

Acq: 22 Jan 2018 11:28

Instrument :

BNA_F

ClientSampleId :

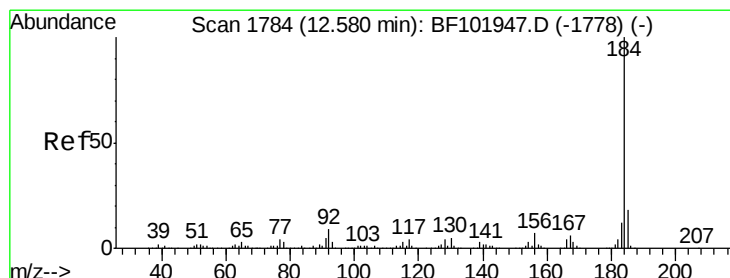
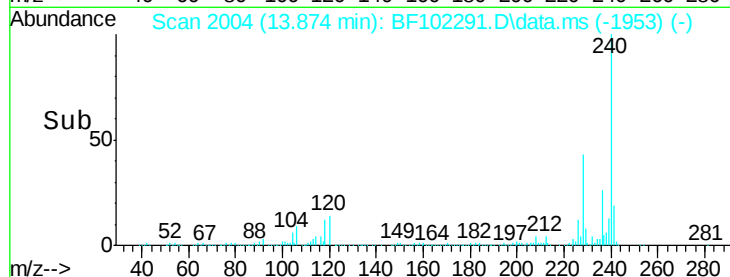
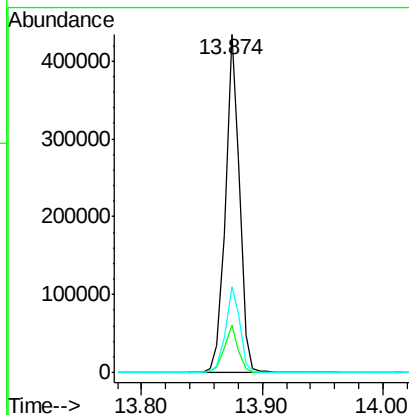
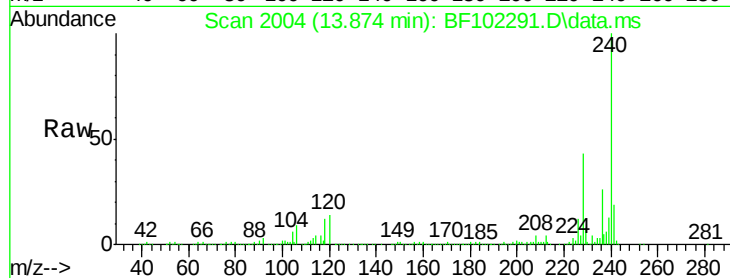
Tot Ion:240 Resp: 348363

Ion Ratio Lower Upper

240 100

120 14.2 9.5 14.3

236 25.5 20.7 31.1



#76

Benzidine

Concen: 26.01 ng

RT: 12.575 min Scan# 1783

Delta R.T. 0.000 min

Lab File: BF102291.D

Acq: 22 Jan 2018 11:28

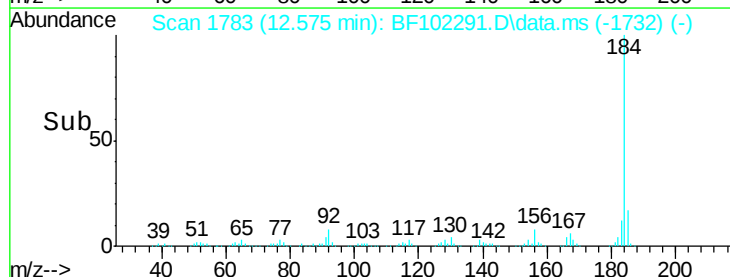
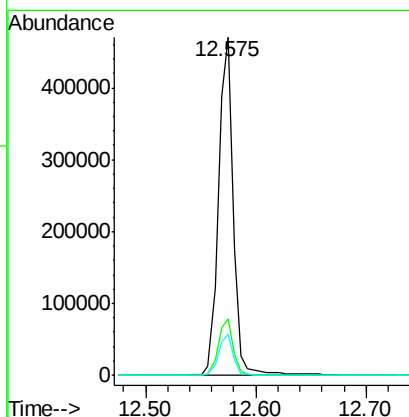
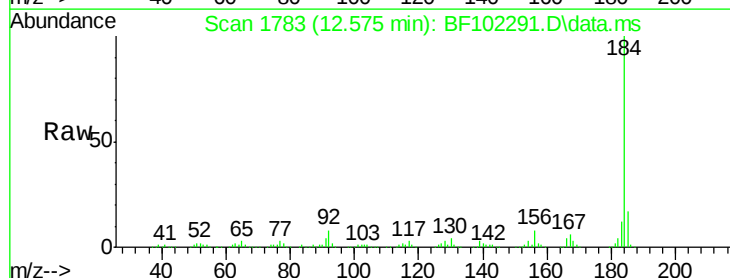
Tgt Ion:184 Resp: 437498

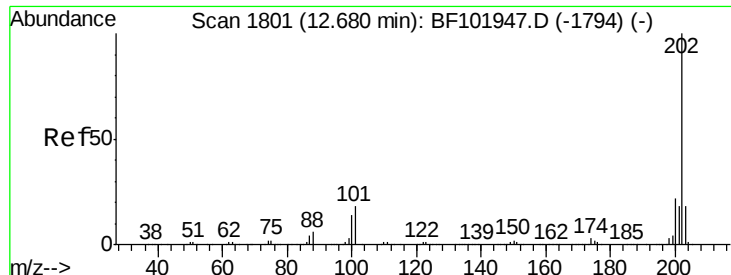
Ion Ratio Lower Upper

184 100

185 16.5 12.6 18.8

183 12.1 9.3 13.9

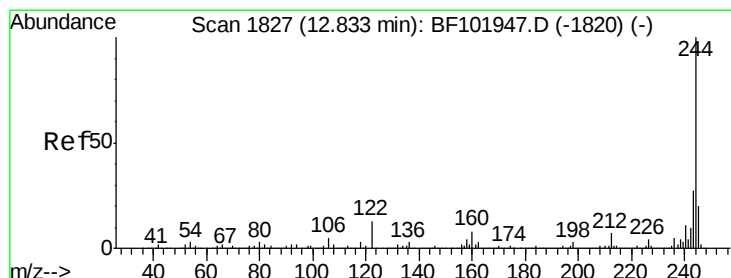
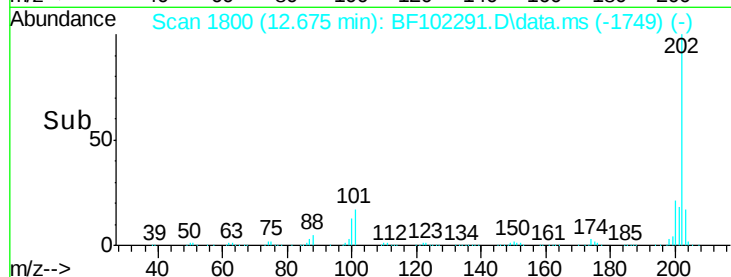
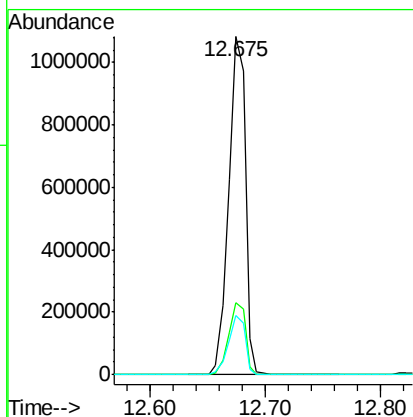
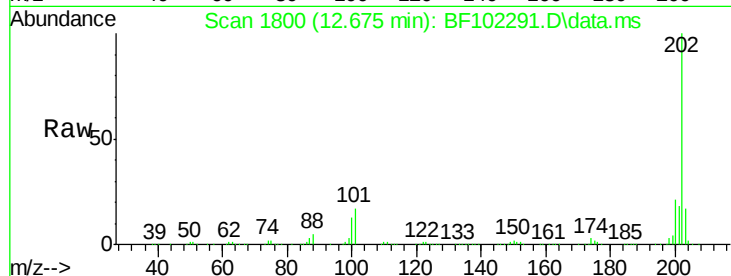




#77
Pvrene
Concen: 35.15 ng
RT: 12.675 min Scan# 1801
Delta R.T. 0.000 min
Lab File: BF102291.D
Acq: 22 Jan 2018 11:28

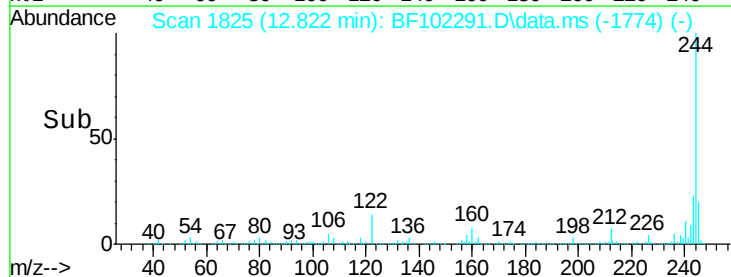
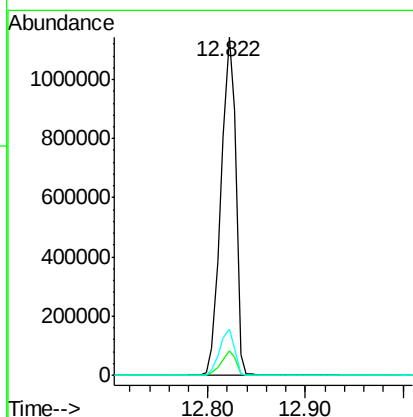
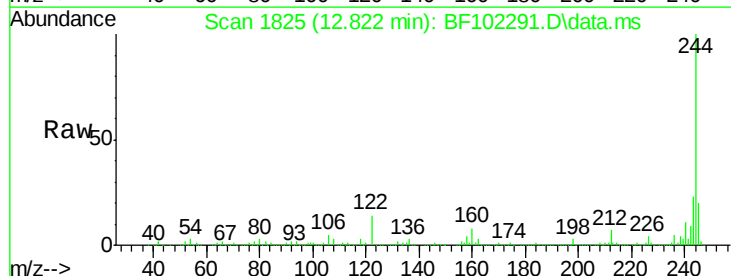
Instrument :
BNA_F
ClientSampleId :

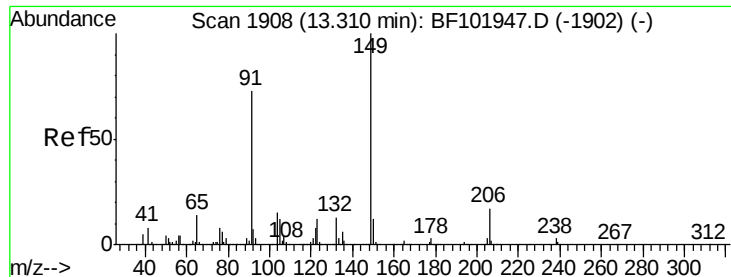
Tot Ion:202 Resp: 1082511
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.2
203 17.3 14.3 21.5



#78
Terphenyl-d14
Concen: 71.84 ng
RT: 12.822 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF102291.D
Acq: 22 Jan 2018 11:28

Tgt Ion:244 Resp: 1205357
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.0
122 13.7 11.0 16.4

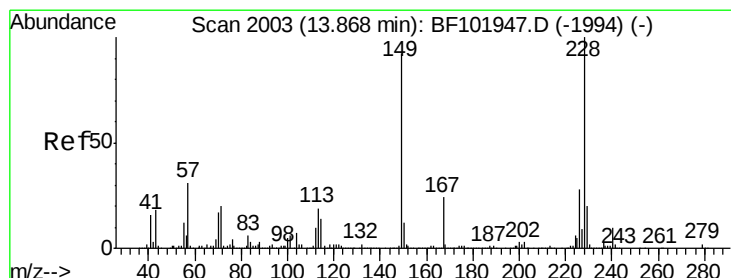
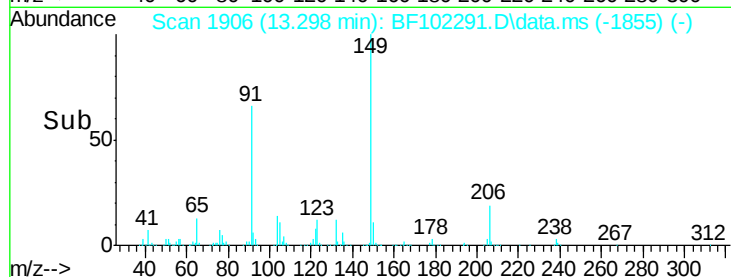
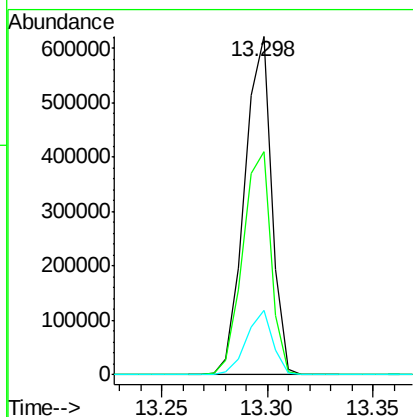
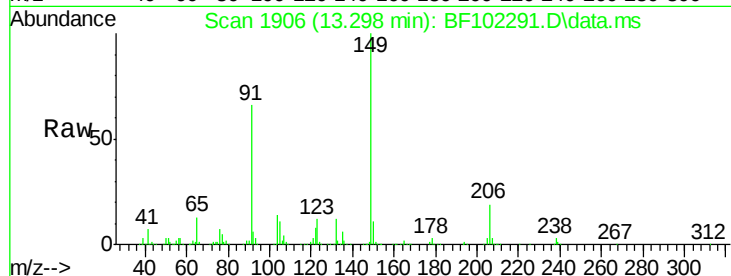




#79
Butylbenzylphthalate
Concen: 39.08 ng
RT: 13.298 min Scan# 1908
Delta R.T. 0.000 min
Lab File: BF102291.D
Acq: 22 Jan 2018 11:28

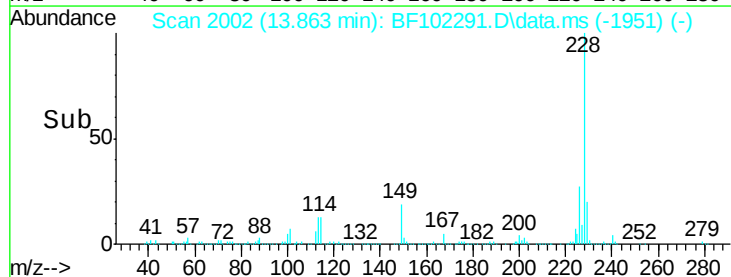
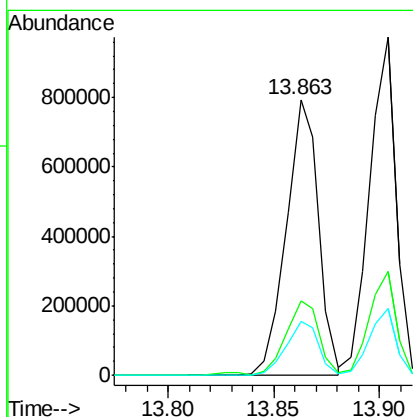
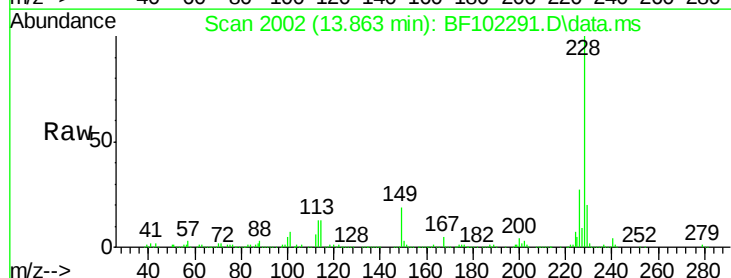
Instrument :
BNA_F
ClientSampleID :

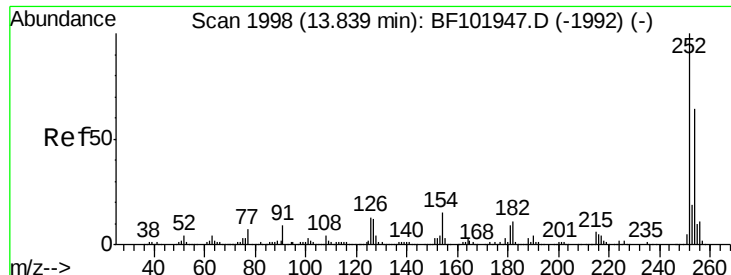
Tot Ion	Ratio	Lower	Upper
149	100		
91	65.8	56.8	85.2
206	18.9	14.1	21.1



#80
Benzo(a)anthracene
Concen: 37.94 ng
RT: 13.863 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BF102291.D
Acq: 22 Jan 2018 11:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	33.8
229	19.6	15.8	23.6

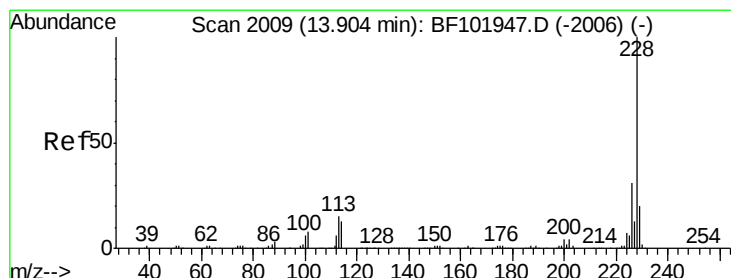
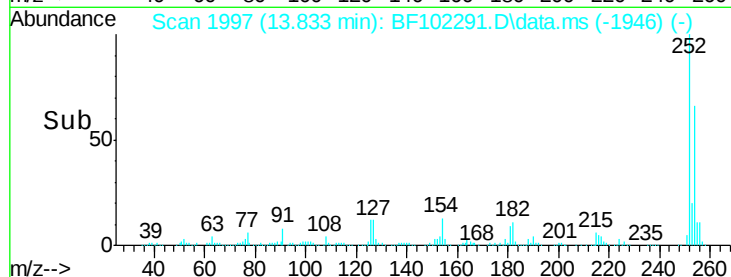
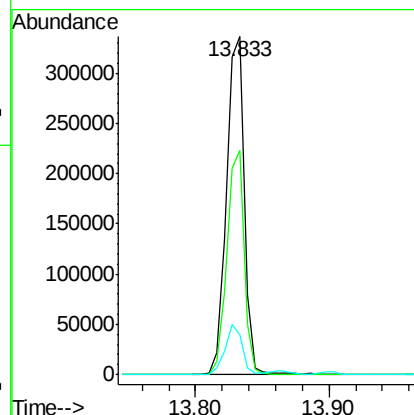
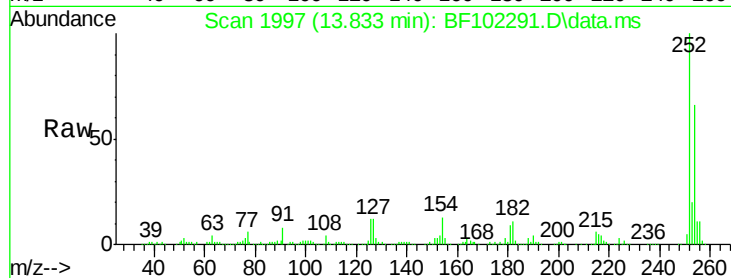




#81
 3,3'-Dichlorobenzidine
 Concen: 38.83 ng
 RT: 13.833 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: BF102291.D
 Acq: 22 Jan 2018 11:28

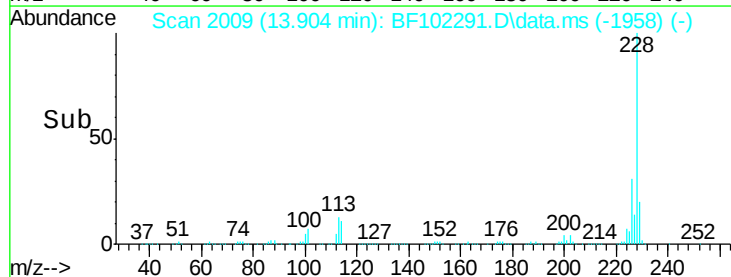
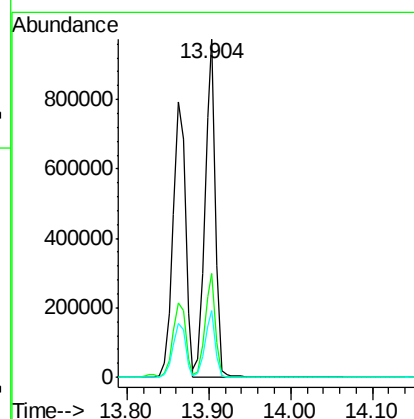
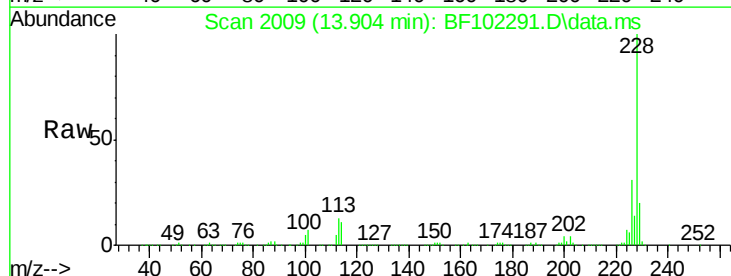
Instrument :
 BNA_F
 ClientSampleId :

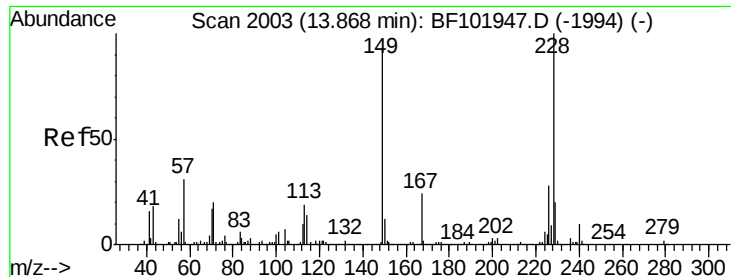
Tot Ion:252 Resp: 319550
 Ion Ratio Lower Upper
 252 100
 254 66.1 50.4 75.6
 126 12.0 11.3 16.9



#82
 Chrysene
 Concen: 37.27 ng
 RT: 13.904 min Scan# 2009
 Delta R.T. 0.000 min
 Lab File: BF102291.D
 Acq: 22 Jan 2018 11:28

Tgt Ion:228 Resp: 863863
 Ion Ratio Lower Upper
 228 100
 226 30.6 25.0 37.6
 229 19.6 16.2 24.4

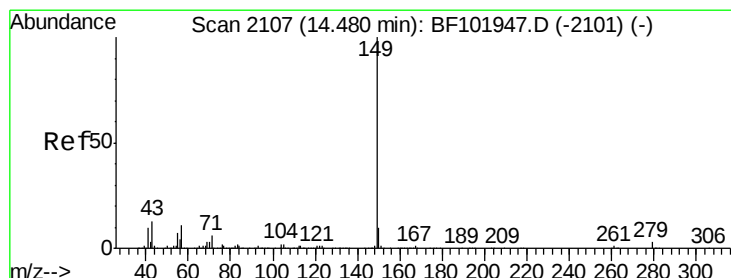
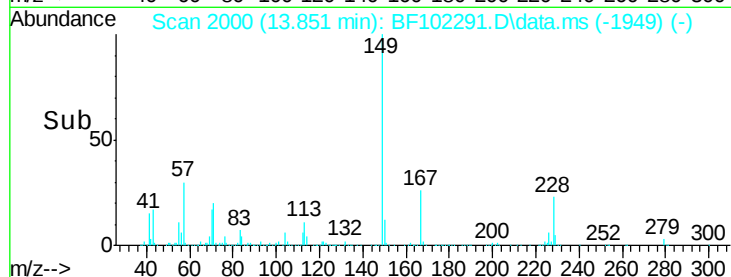
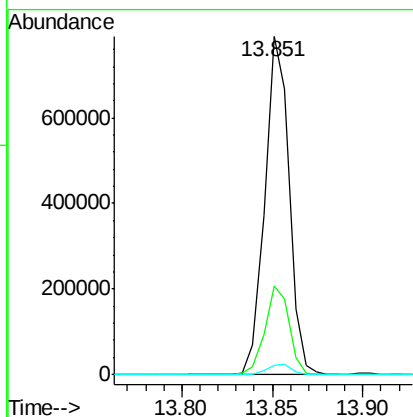
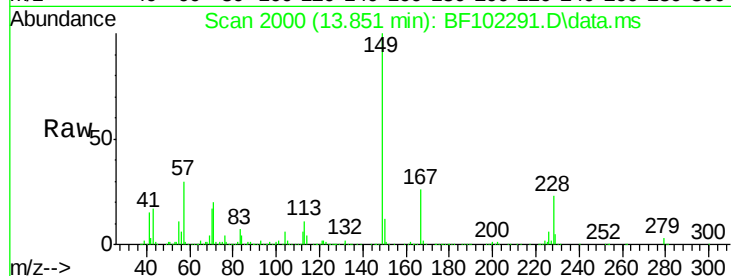




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.52 ng
 RT: 13.851 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: BF102291.D
 Acq: 22 Jan 2018 11:28

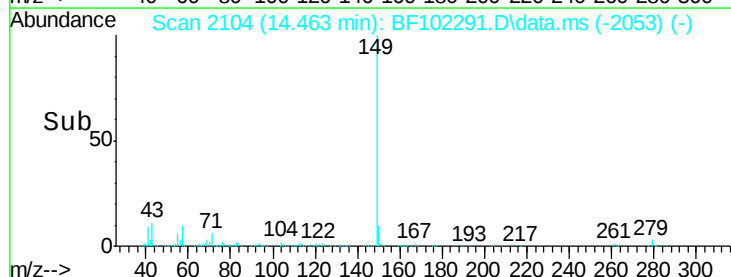
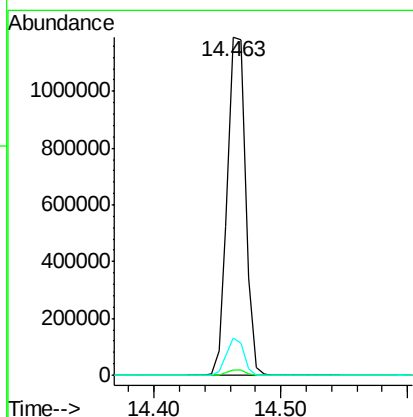
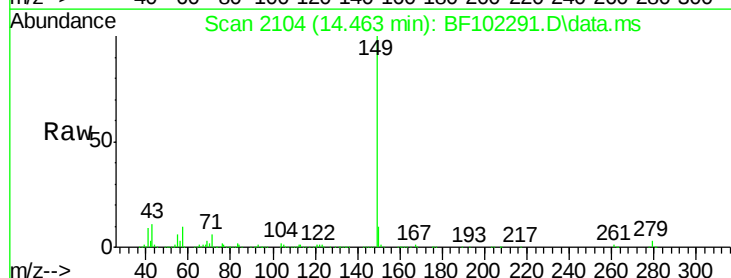
Instrument :
 BNA_F
 ClientSampleId :

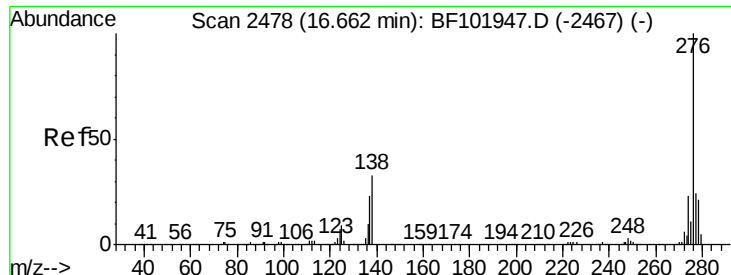
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.3	31.9
279	2.6	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 44.23 ng
 RT: 14.463 min Scan# 2104
 Delta R.T. 0.000 min
 Lab File: BF102291.D
 Acq: 22 Jan 2018 11:28

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.5	8.4	12.6

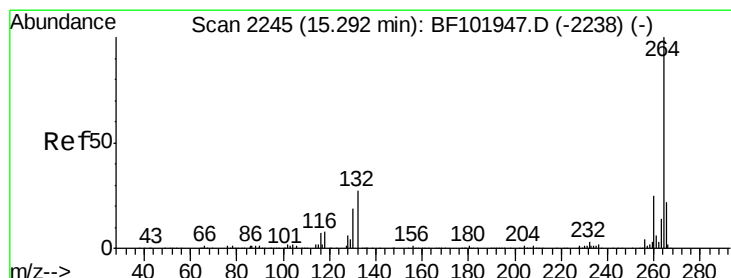
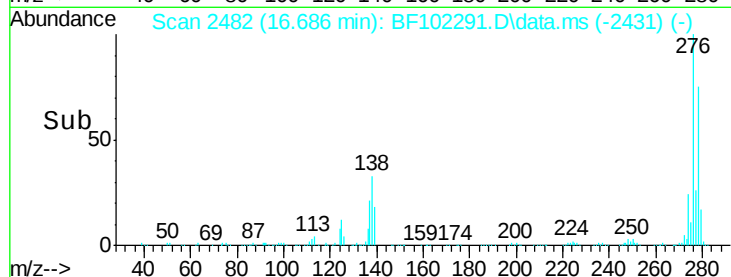
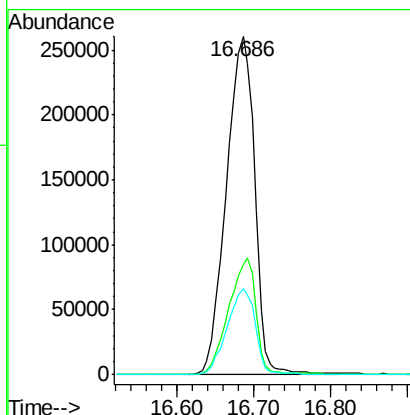
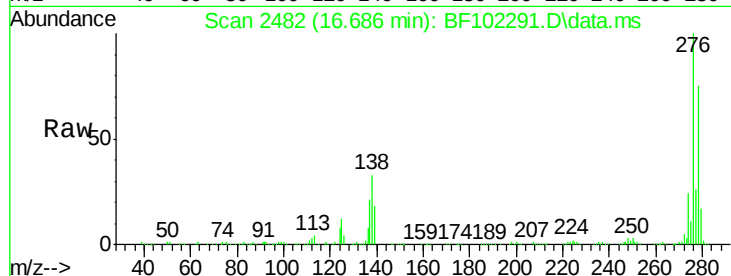




#85
Indeno(1,2,3-cd)pyrene
Concen: 39.74 ng
RT: 16.686 min Scan# 2478
Delta R.T. 0.000 min
Lab File: BF102291.D
Acq: 22 Jan 2018 11:28

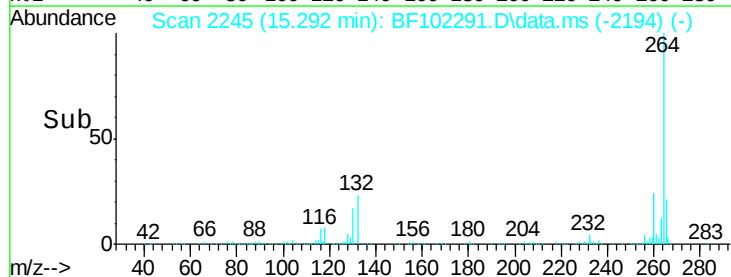
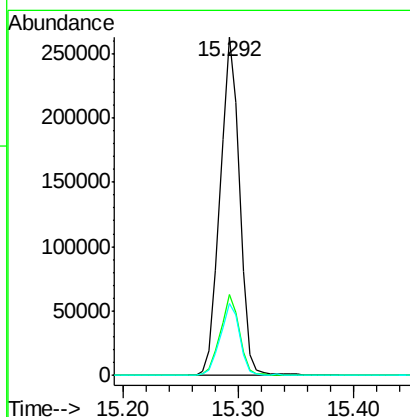
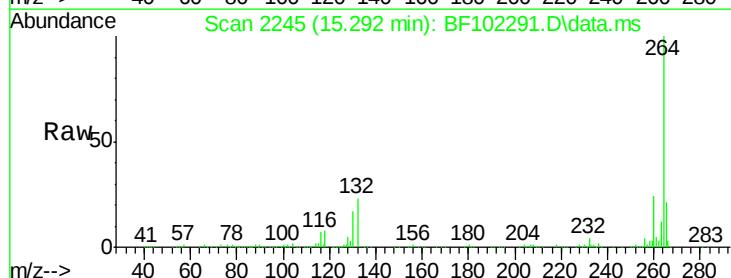
Instrument :
BNA_F
ClientSampleId :

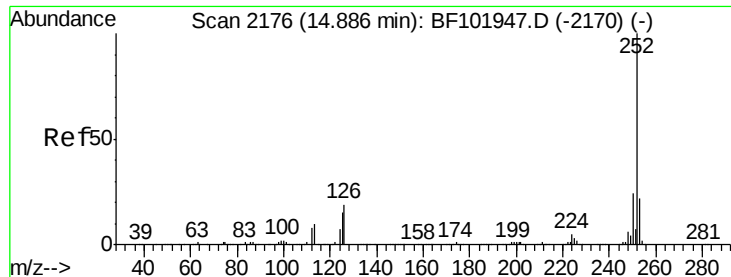
Tot Ion	Ratio	Lower	Upper
276	100		
138	33.3	25.0	37.6
277	25.1	20.1	30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.292 min Scan# 2245
Delta R.T. 0.000 min
Lab File: BF102291.D
Acq: 22 Jan 2018 11:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.3	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 40.62 ng

RT: 14.892 min Scan# 2176

Delta R.T. 0.000 min

Lab File: BF102291.D

Acq: 22 Jan 2018 11:28

Instrument :

BNA_F

ClientSampleId :

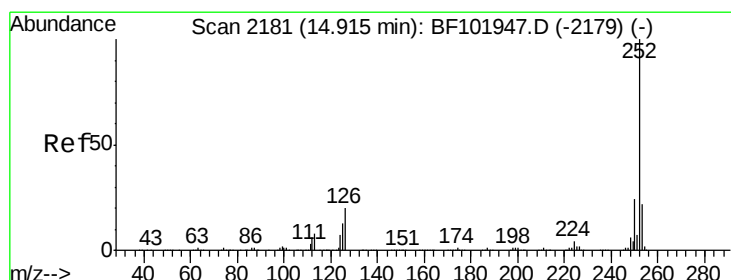
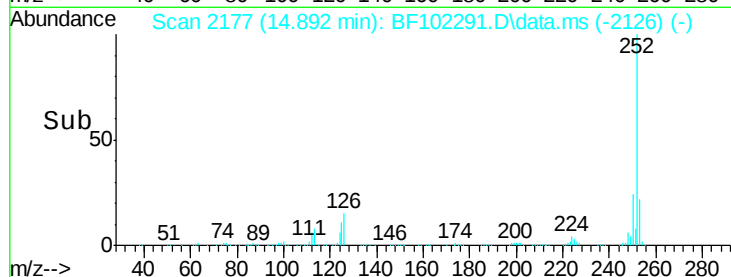
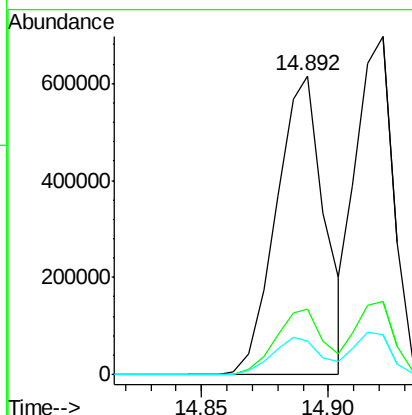
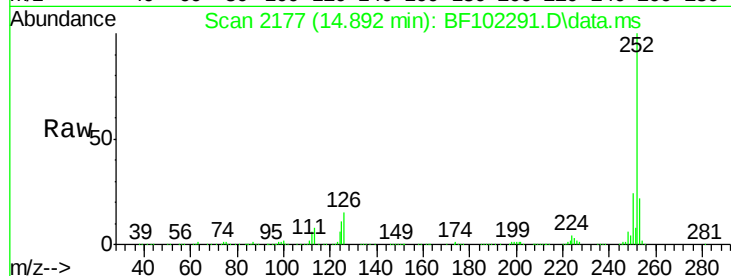
Tot Ion:252 Resp: 815200

Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.6

125 11.3 9.0 13.6



#88

Benzo(k)fluoranthene

Concen: 37.73 ng

RT: 14.921 min Scan# 2182

Delta R.T. 0.000 min

Lab File: BF102291.D

Acq: 22 Jan 2018 11:28

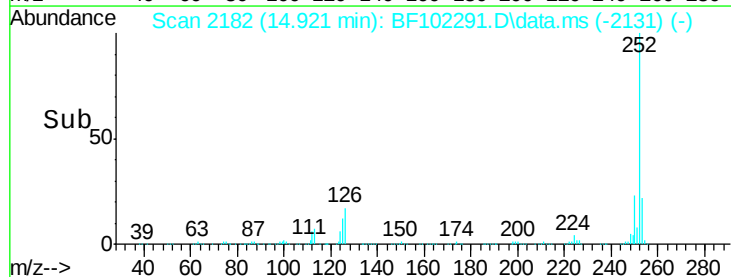
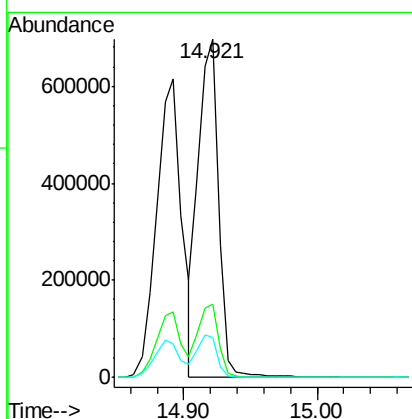
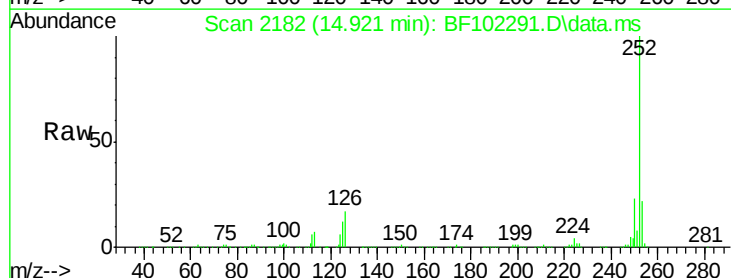
Tgt Ion:252 Resp: 730379

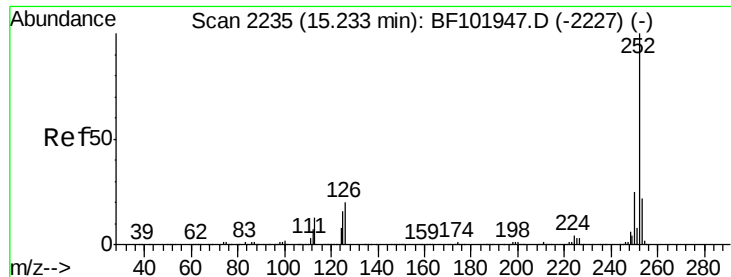
Ion Ratio Lower Upper

252 100

253 21.5 17.9 26.9

125 11.6 10.2 15.2





#89

Benzo(a)pyrene

Concen: 40.05 ng

RT: 15.239 min Scan# 22

Delta R.T. 0.000 min

Lab File: BF102291.D

Acq: 22 Jan 2018 11:28

Instrument :

BNA_F

ClientSampleId :

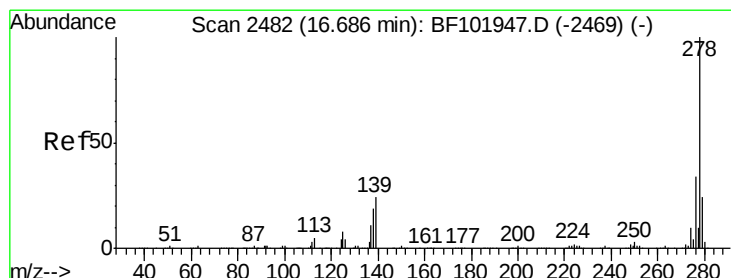
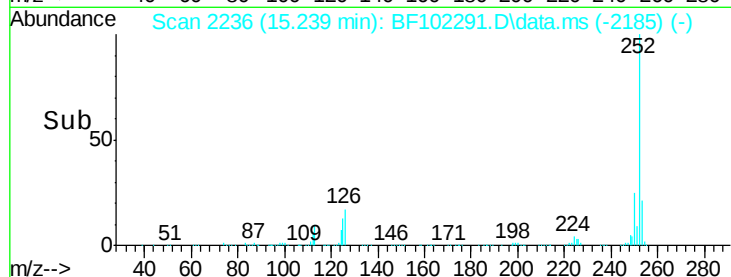
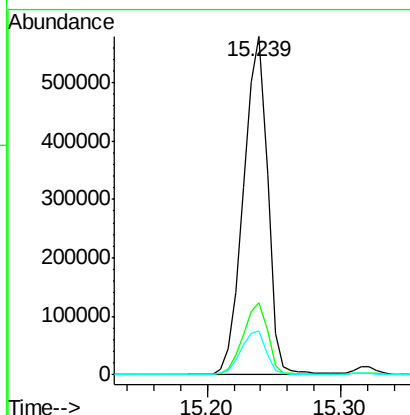
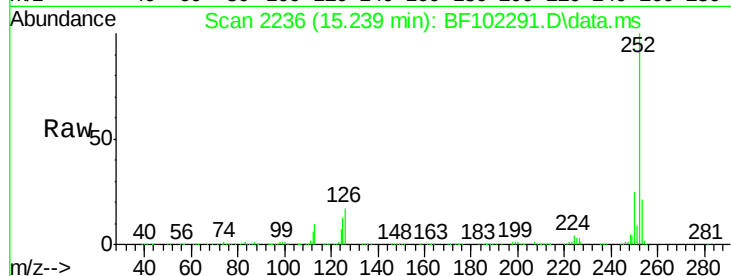
Tot Ion:252 Resp: 723207

Ion Ratio Lower Upper

252 100

253 21.2 17.1 25.7

125 13.1 9.8 14.6



#90

Dibenzo(a,h)anthracene

Concen: 38.53 ng

RT: 16.698 min Scan# 2484

Delta R.T. 0.000 min

Lab File: BF102291.D

Acq: 22 Jan 2018 11:28

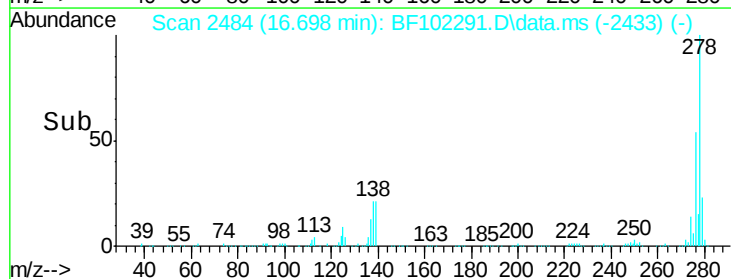
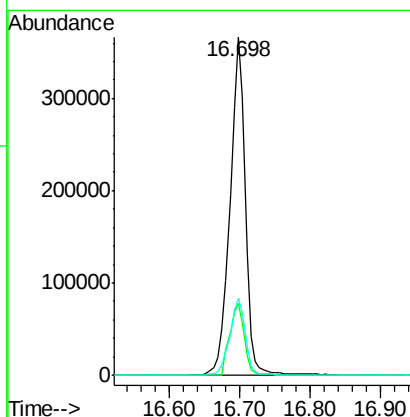
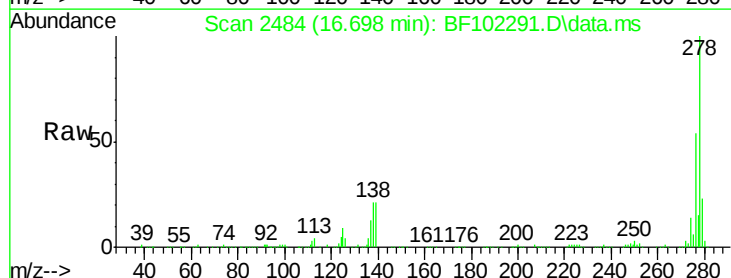
Tgt Ion:278 Resp: 555192

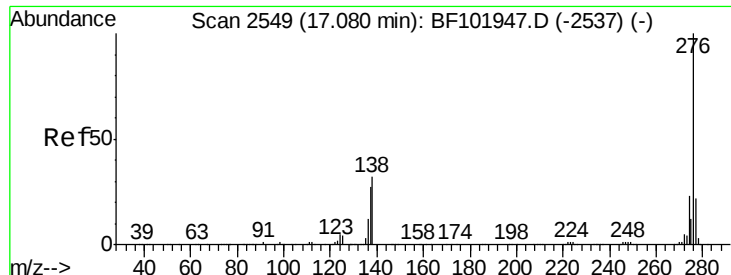
Ion Ratio Lower Upper

278 100

139 21.2 15.9 23.9

279 22.8 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 37.46 ng

RT: 17.104 min Scan# 25

Delta R.T. 0.000 min

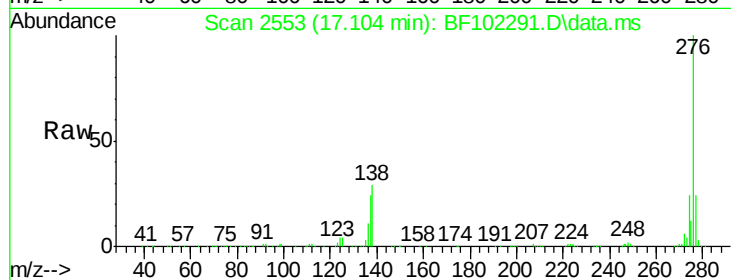
Lab File: BF102291.D

Acq: 22 Jan 2018 11:28

Instrument :

BNA_F

ClientSampleId :



Tot Ion: 276 Resp: 543758

Ion Ratio Lower Upper

276 100

277 24.4 17.9 26.9

138 28.9 21.8 32.8

