

Data Path : U:\HPCHEM1\BNA F\DATA\BF013118\
 Data File : BF102680.D
 Acq On : 1 Feb 2018 2:50
 Operator : SJ/JU
 Sample : J1385-01MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 01 04:17:36 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 18:38:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	139197	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	557771	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	212308	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	318704	20.00	ng	0.00
75) Chrysene-d12	13.87	240	268568	20.00	ng	0.00
86) Perylene-d12	15.30	264	193380	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.35	112	1037342	113.00	ng	0.03
7) Phenol-d6	6.37	99	1072526	96.91	ng	0.02
23) Nitrobenzene-d5	7.28	82	720097	74.19	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	169082	80.37	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1100098	76.19	ng	0.00
78) Terphenyl-d14	12.82	244	840814	70.58	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.41	88	169174	38.785	ng	98
3) Pyridine	3.13	79	368143	32.297	ng	98
4) n-Nitrosodimethylamine	3.09	42	189001	42.294	ng	99
6) Aniline	6.38	93	157005	10.725	ng	# 19
8) 2-Chlorophenol	6.50	128	331991	34.498	ng	98
9) Benzaldehyde	6.26	77	132616	18.229	ng	99
10) Phenol	6.39	94	421466	34.881	ng	99
11) bis(2-Chloroethyl)ether	6.45	93	318894	34.701	ng	98
12) 1,3-Dichlorobenzene	6.65	146	361079	31.549	ng	99
13) 1,4-Dichlorobenzene	6.73	146	374718	32.684	ng	99
14) 1,2-Dichlorobenzene	6.88	146	338596	32.288	ng	98
15) Benzyl Alcohol	6.87	79	239047	30.612	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	503189	32.647	ng	81
17) 2-Methylphenol	6.99	107	257194	30.773	ng	# 89
18) Hexachloroethane	7.21	117	94612	23.682	ng	90
19) n-Nitroso-di-n-propylamine	7.13	70	239935	35.425	ng	97
20) 3+4-Methylphenols	7.15	107	364466	37.078	ng	92
22) Acetophenone	7.12	105	479040	36.028	ng	98
24) Nitrobenzene	7.30	77	340941	34.325	ng	99
25) Isophorone	7.54	82	623804	36.051	ng	99
26) 2-Nitrophenol	7.62	139	159781	30.564	ng	92
27) 2,4-Dimethylphenol	7.66	122	291063	38.343	ng	98
28) bis(2-Chloroethoxy)methane	7.75	93	409026	38.267	ng	99
29) 2,4-Dichlorophenol	7.87	162	255582	33.054	ng	97
30) 1,2,4-Trichlorobenzene	7.93	180	263479	31.788	ng	99
31) Naphthalene	8.02	128	922641	33.131	ng	100
33) 4-Chloroaniline	8.07	127	115212	9.838	ng	98
34) Hexachlorobutadiene	8.12	225	139628	31.540	ng	99
35) Caprolactam	8.44	113	67070	26.264	ng	93
36) 4-Chloro-3-methylphenol	8.57	107	254757	31.257	ng	98
37) 2-Methylnaphthalene	8.70	142	590516	31.840	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	221009	34.600	ng	99
42) 2,4,6-Trichlorophenol	9.00	196	143013	33.446	ng	99
43) 2,4,5-Trichlorophenol	9.05	196	139894	29.057	ng	96

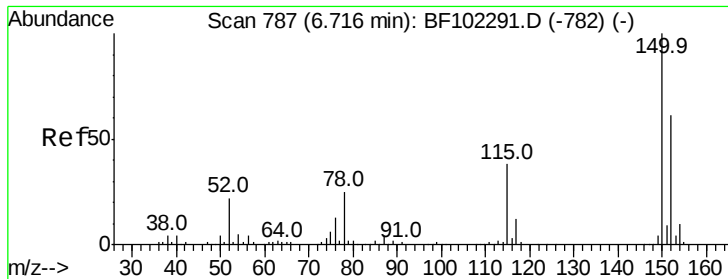
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.17	154	658162	34.670	nq	98
46) 2-Chloronaphthalene	9.19	162	503543	34.125	nq	100
47) 2-Nitroaniline	9.30	65	162976	35.427	nq	96
48) Acenaphthylene	9.61	152	726070	31.584	nq	99
49) Dimethylphthalate	9.47	163	703232	40.073	nq	99
50) 2,6-Dinitrotoluene	9.55	165	113276	29.940	nq	89
51) Acenaphthene	9.78	154	438875	32.688	nq	100
52) 3-Nitroaniline	9.72	138	121908	27.237	nq	97
53) 2,4-Dinitrophenol	9.86	184	1912	4.770	nq #	26
54) Dibenzofuran	9.95	168	622583	34.263	nq	97
55) 4-Nitrophenol	9.92	139	100829	34.127	nq	93
56) 2,4-Dinitrotoluene	9.95	165	131925	28.355	nq #	74
57) Fluorene	10.29	166	481171	33.419	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	101539	29.539	nq	96
59) Diethylphthalate	10.16	149	541897	31.777	nq	99
60) 4-Chlorophenyl-phenylether	10.28	204	211922	33.948	nq	95
61) 4-Nitroaniline	10.33	138	134675	30.154	nq	92
62) Azobenzene	10.45	77	474295	30.378	nq	97
64) 4,6-Dinitro-2-methylphenol	10.37	198	5689	2.676	nq	88
65) n-Nitrosodiphenylamine	10.40	169	411642	35.190	nq	98
66) 4-Bromophenyl-phenylether	10.77	248	120120	35.012	nq	90
67) Hexachlorobenzene	10.84	284	107973	28.140	nq	98
68) Atrazine	10.94	200	113796	32.938	nq	100
69) Pentachlorophenol	11.05	266	62351	30.934	nq	98
70) Phenanthrene	11.26	178	626155	33.716	nq	98
71) Anthracene	11.31	178	649791	34.279	nq	99
72) Carbazole	11.47	167	646864	34.979	nq	99
73) Di-n-butylphthalate	11.79	149	780326	33.757	nq	99
74) Fluoranthene	12.44	202	682414	36.033	nq	99
76) Benzidine	12.57	184	341701	37.874	nq	98
77) Pyrene	12.67	202	695449	33.492	nq	100
79) Butylbenzylphthalate	13.29	149	359838	34.822	nq	98
80) Benzo(a)anthracene	13.86	228	565058	34.174	nq	100
81) 3,3'-Dichlorobenzidine	13.83	252	177958	29.339	nq	97
82) Chrysene	13.90	228	542763	32.325	nq	99
83) Bis(2-ethylhexyl)phthalate	13.84	149	446556	32.156	nq	99
84) Di-n-octyl phthalate	14.45	149	798144	35.341	nq	100
85) Indeno(1,2,3-cd)pyrene	16.71	276	340116	24.527	nq	96
87) Benzo(b)fluoranthene	14.89	252	421993	33.668	nq	98
88) Benzo(k)fluoranthene	14.92	252	432337	36.509	nq	97
89) Benzo(a)pyrene	15.24	252	381202	33.722	nq	99
90) Dibenzo(a,h)anthracene	16.71	278	289631	31.630	nq	95
91) Benzo(g,h,i)perylene	17.13	276	286196	31.654	nq	96

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

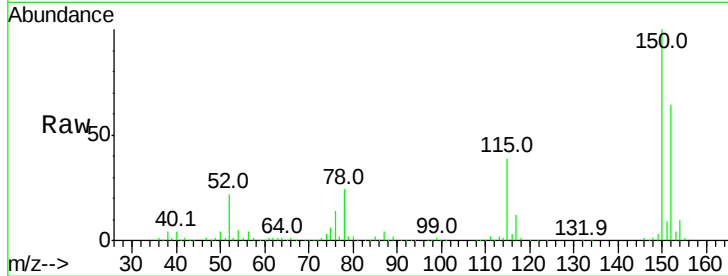


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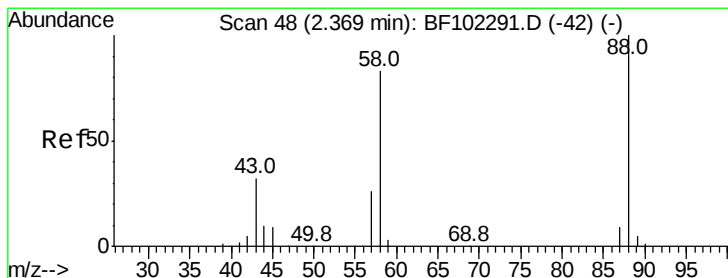
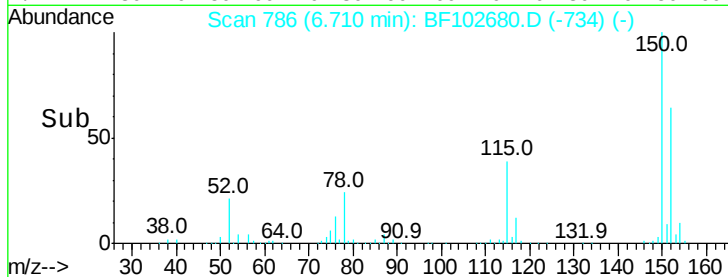
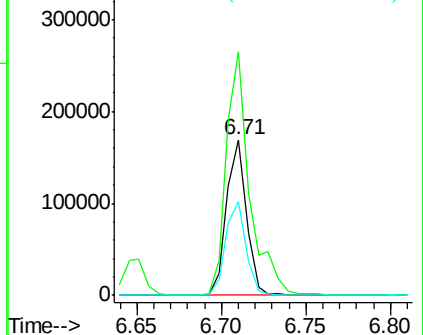
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.01 min
Lab File: BF102680.D
Acq: 1 Feb 2018 2:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 139197
Ion Ratio Lower Upper
152 100
150 156.6 124.6 186.8
115 60.5 50.1 75.1



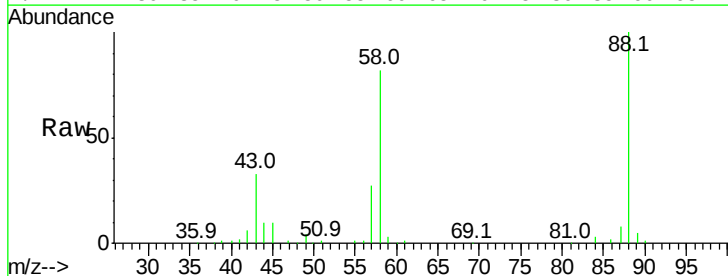
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



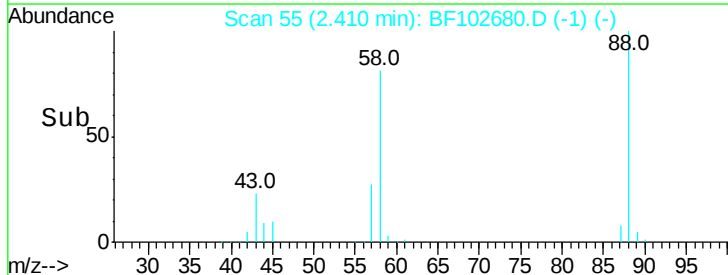
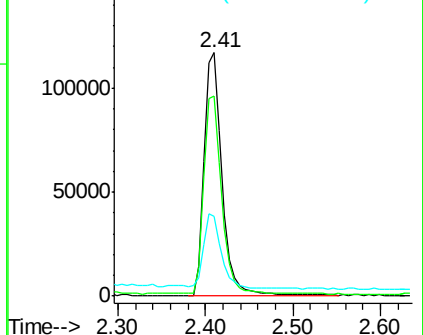
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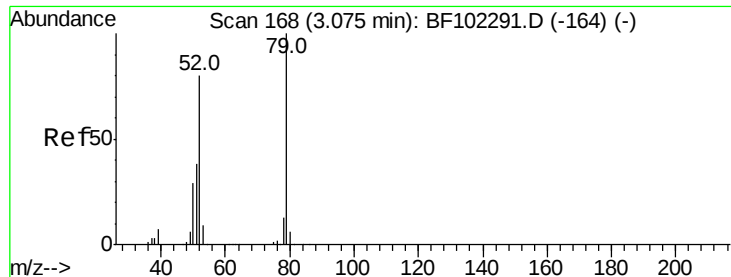
1,4-Dioxane
Concen: 38.785 ng
RT: 2.41 min Scan# 55
Delta R.T. 0.05 min
Lab File: BF102680.D
Acq: 1 Feb 2018 2:50

Tgt Ion: 88 Resp: 169174
Ion Ratio Lower Upper
88 100
58 79.7 62.6 93.8
43 29.5 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1

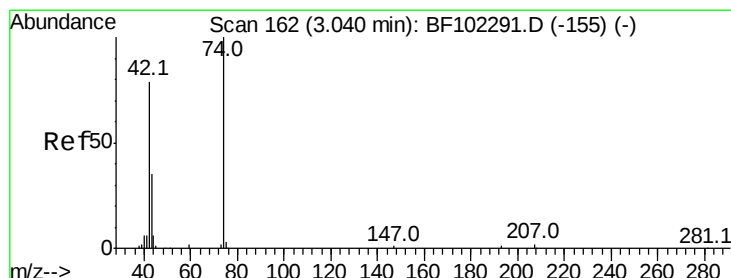
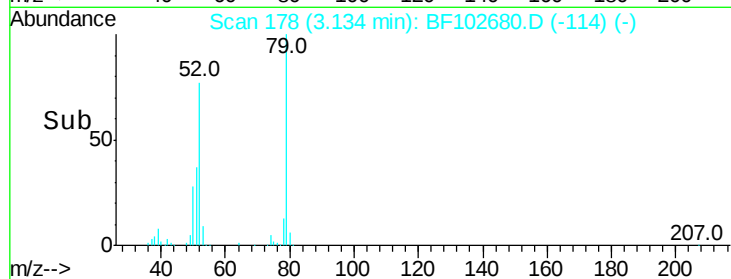
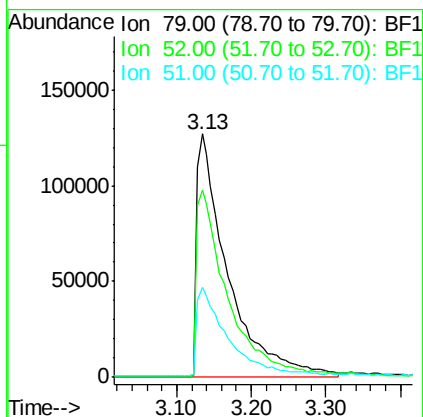
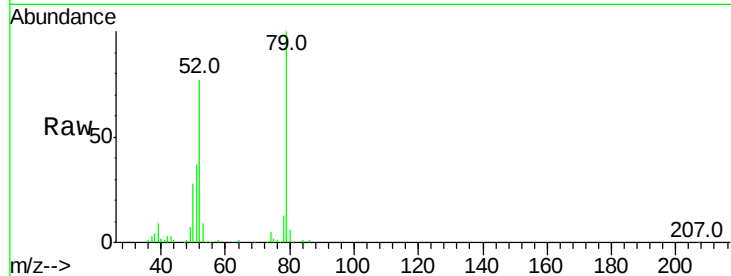




#3
 Pvridine
 Concen: 32.297 ng
 RT: 3.13 min Scan# 178
 Delta R.T. 0.08 min
 Lab File: BF102680.D
 Acq: 1 Feb 2018 2:50

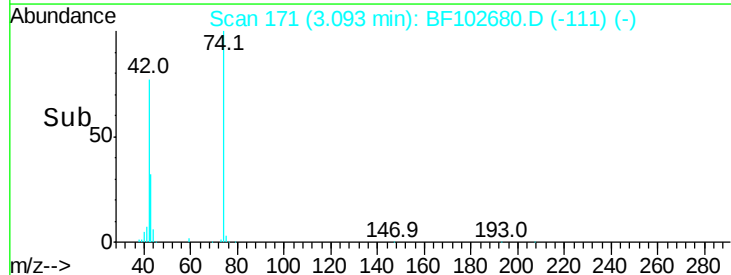
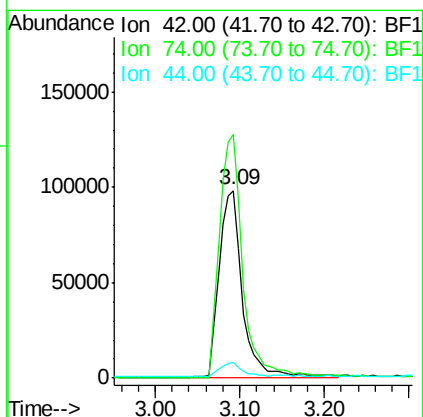
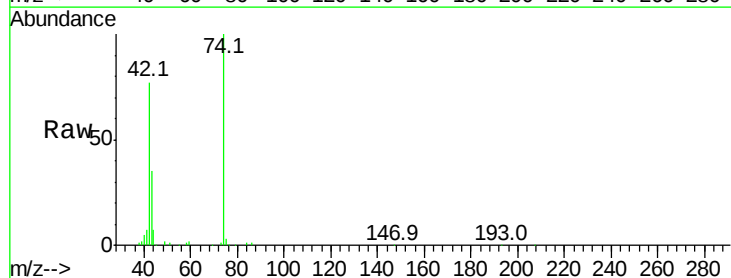
Instrument :
 BNA_F
 ClientSampleId :

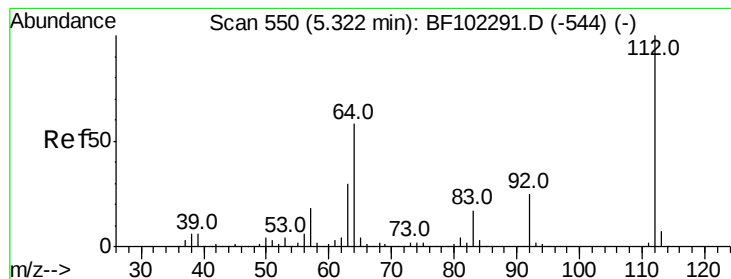
Tot Ion: 79 Resp: 368143
 Ion Ratio Lower Upper
 79 100
 52 76.7 59.8 89.6
 51 37.1 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 42.294 ng
 RT: 3.09 min Scan# 171
 Delta R.T. 0.05 min
 Lab File: BF102680.D
 Acq: 1 Feb 2018 2:50

Tgt Ion: 42 Resp: 189001
 Ion Ratio Lower Upper
 42 100
 74 129.6 104.9 157.3
 44 8.6 6.9 10.3





#5

2-Fluorophenol

Concen: 112.997 ng

RT: 5.35 min Scan# 554

Delta R.T. 0.03 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

Instrument :
BNA_F
ClientSampleId :

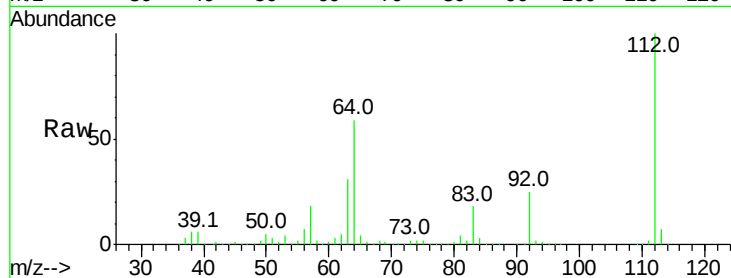
Tot Ion:112 Resp: 1037342

Ion Ratio Lower Upper

112 100

64 59.4 47.9 71.9

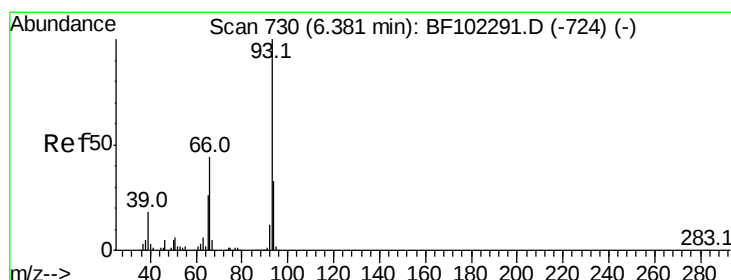
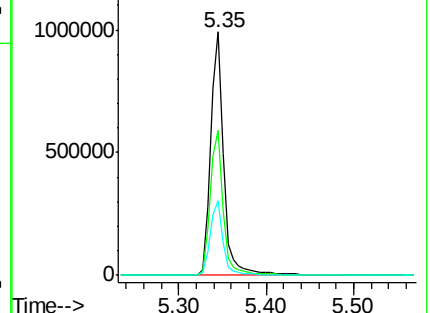
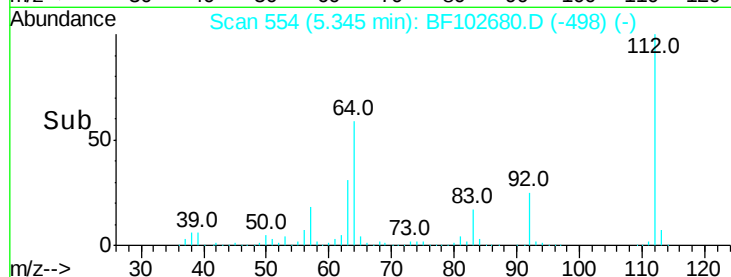
63 30.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 10.725 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

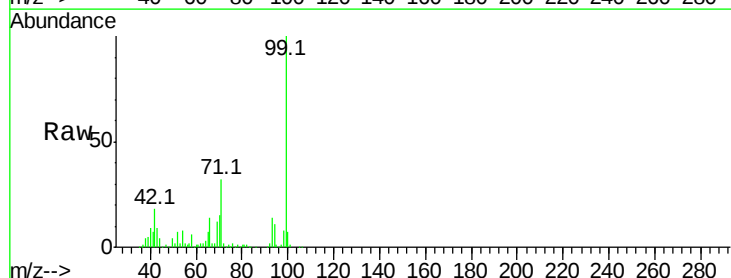
Tgt Ion: 93 Resp: 157005

Ion Ratio Lower Upper

93 100

66 98.0 32.2 48.2#

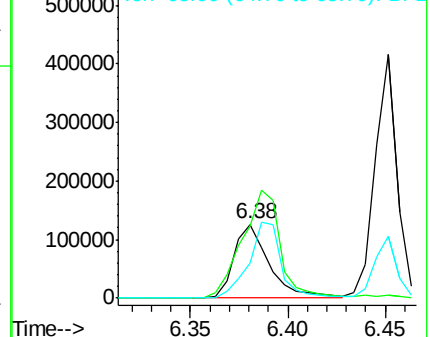
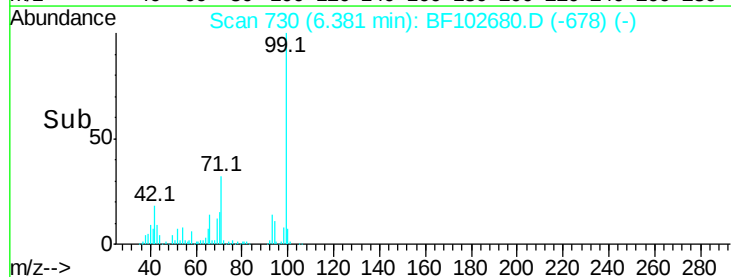
65 47.3 16.4 24.6#

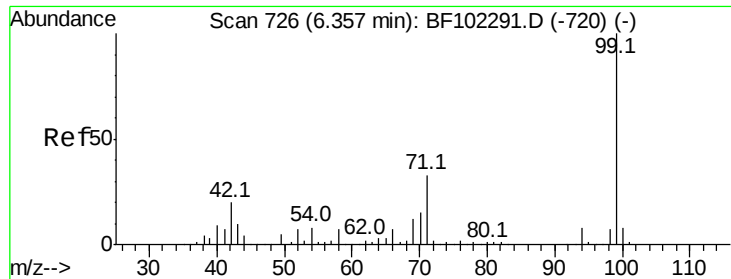


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 96.906 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.02 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

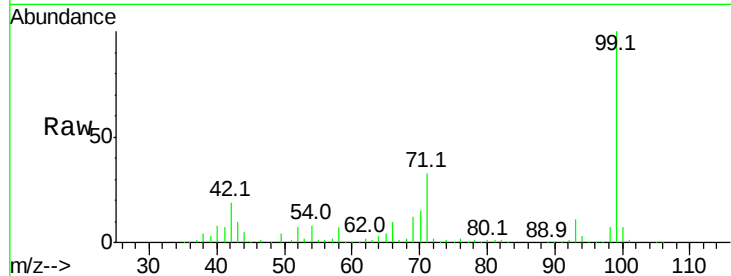
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1072526

Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.5	21.7
71	33.2	25.4	38.0

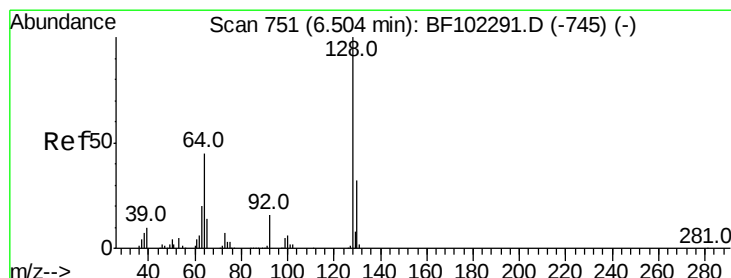
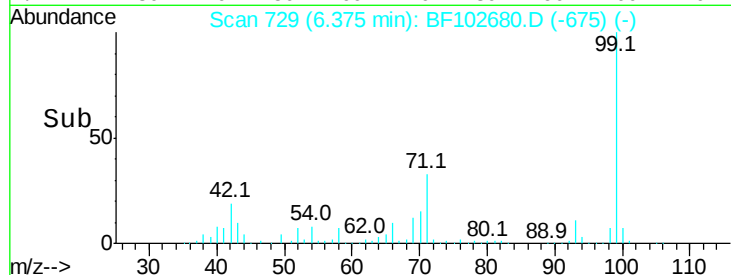
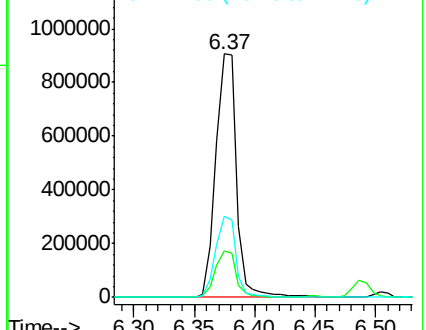


Abundance

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: 34.498 ng

RT: 6.50 min Scan# 751

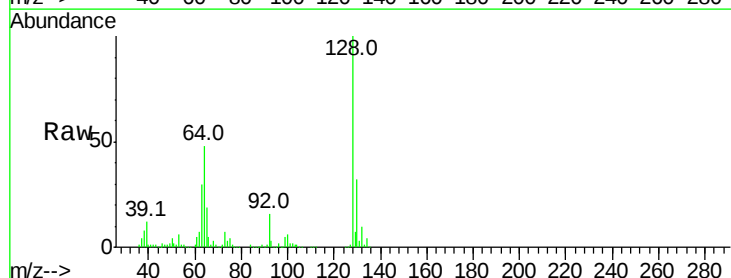
Delta R.T. 0.01 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

Tgt Ion: 128 Resp: 331991

Ion	Ratio	Lower	Upper
128	100		
130	31.6	13.0	53.0
64	48.2	29.4	69.4

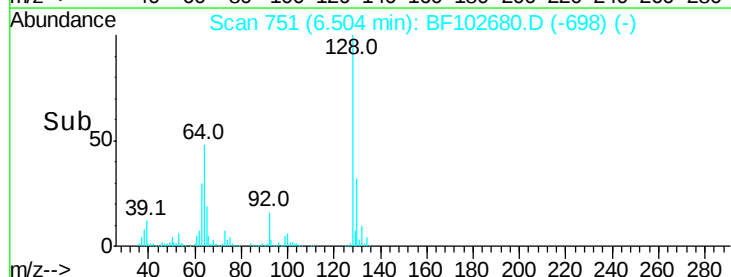
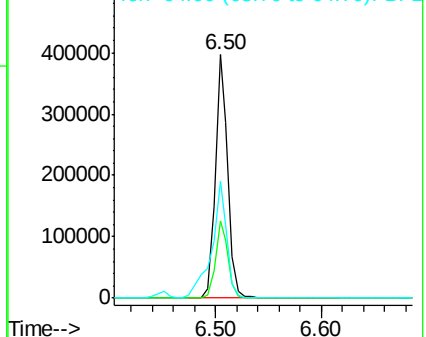


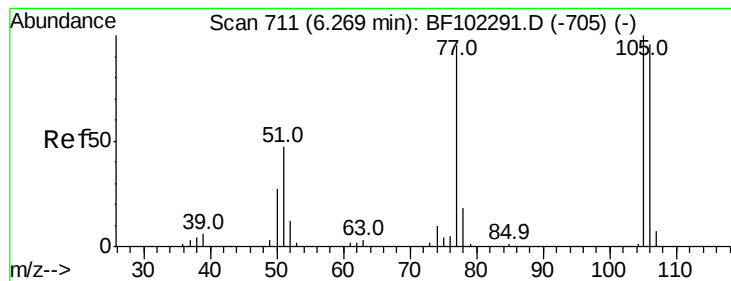
Abundance

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: 18.229 ng

RT: 6.26 min Scan# 710

Delta R.T. 0.01 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

Instrument :

BNA_F

ClientSampleId :

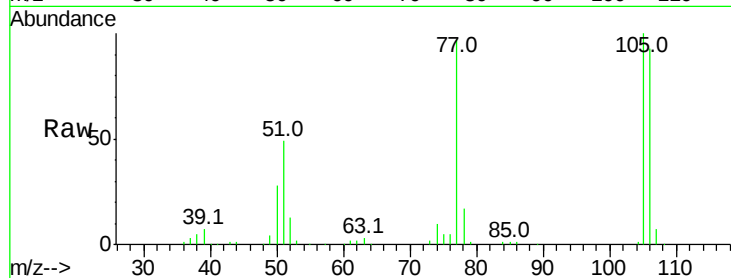
Tot Ion: 77 Resp: 132616

Ion Ratio Lower Upper

77 100

105 102.6 81.1 121.1

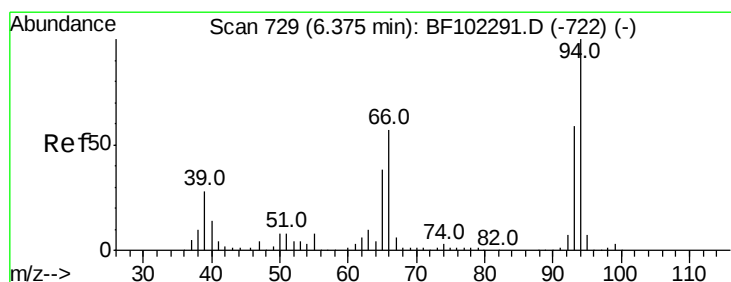
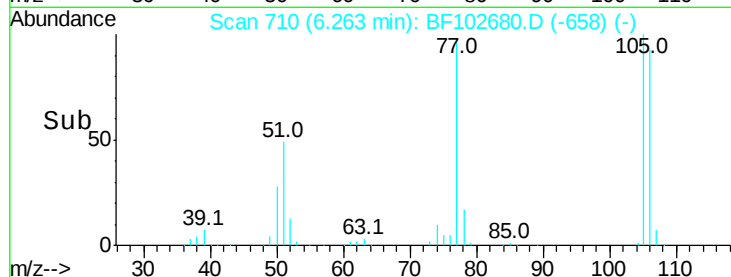
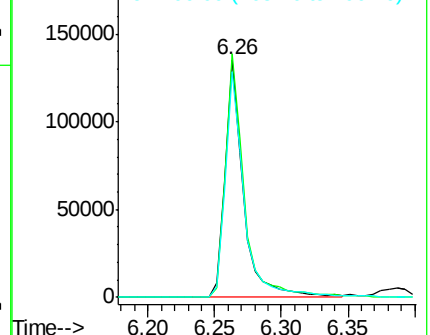
106 95.1 74.5 114.5



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: 34.881 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.02 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

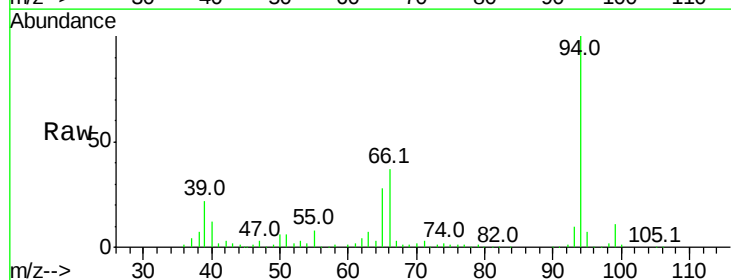
Tgt Ion: 94 Resp: 421466

Ion Ratio Lower Upper

94 100

65 27.5 7.9 47.9

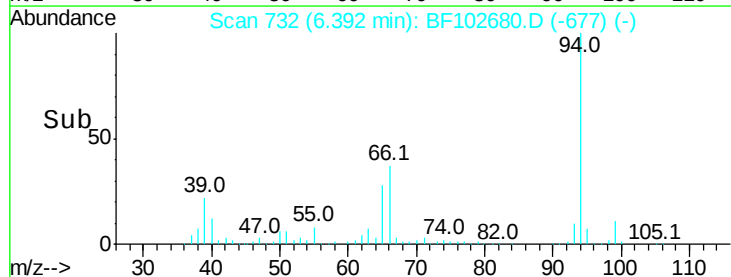
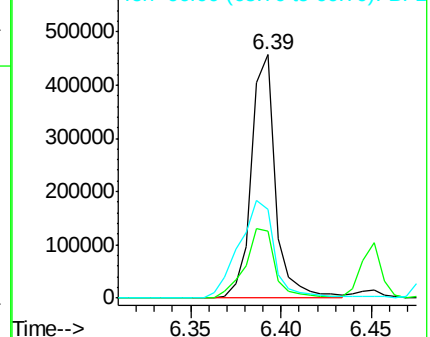
66 36.6 16.2 56.2

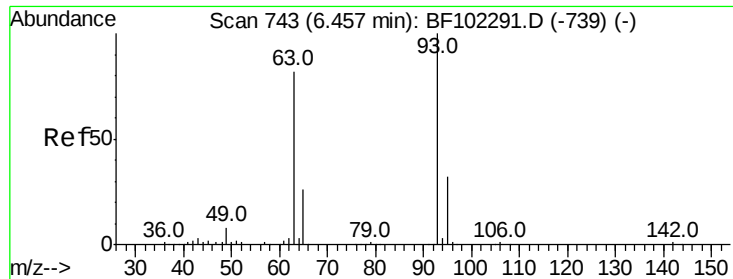


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 34.701 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

Instrument :

BNA_F

ClientSampled :

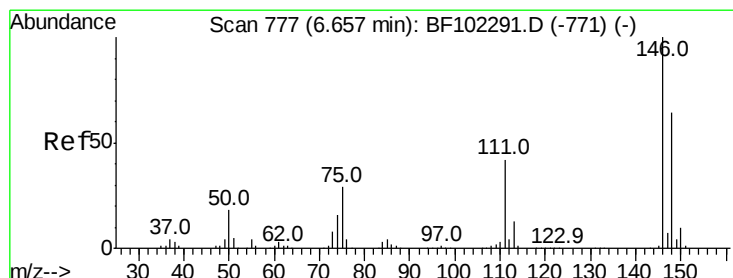
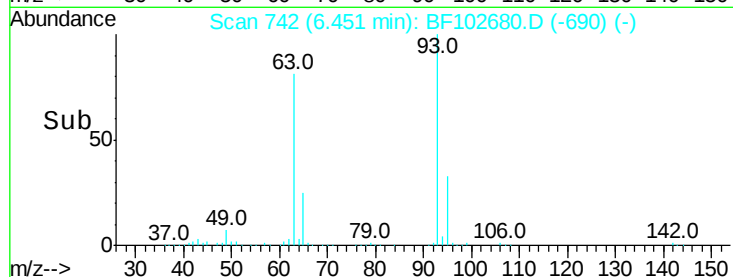
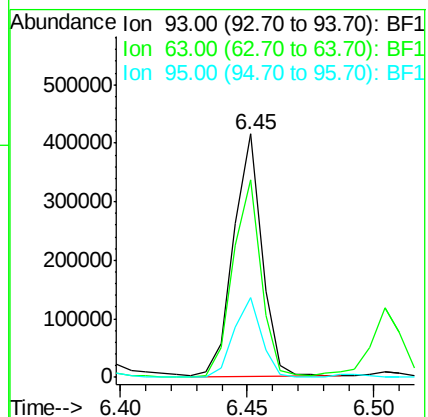
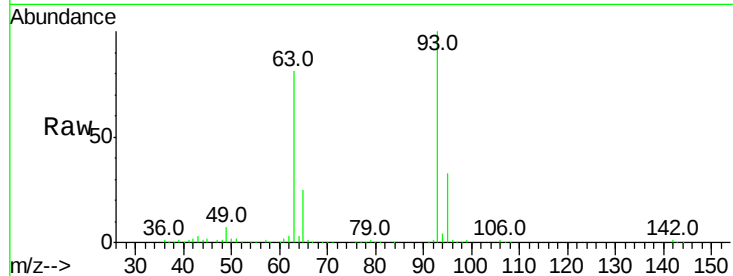
Tot Ion: 93 Resp: 318894

Ion Ratio Lower Upper

93 100

63 81.0 58.6 98.6

95 32.7 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 31.549 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

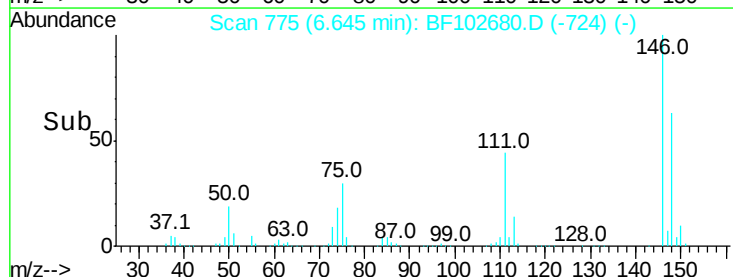
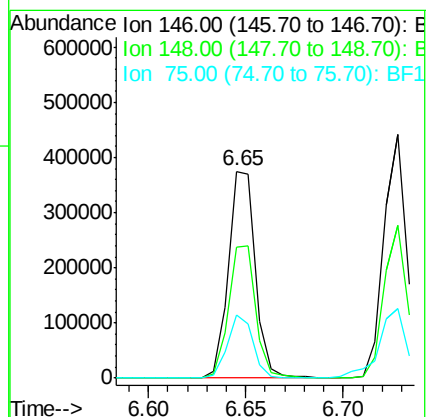
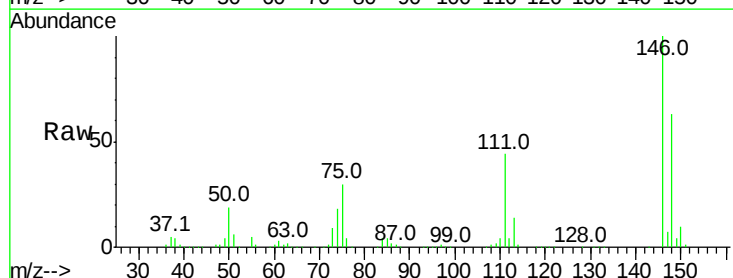
Tgt Ion:146 Resp: 361079

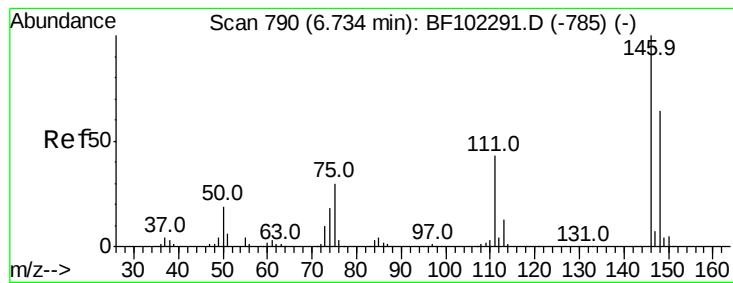
Ion Ratio Lower Upper

146 100

148 63.4 51.8 77.8

75 30.5 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 32.684 ng

RT: 6.73 min Scan# 789

Delta R.T. 0.01 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

Instrument :

BNA_F

ClientSampled :

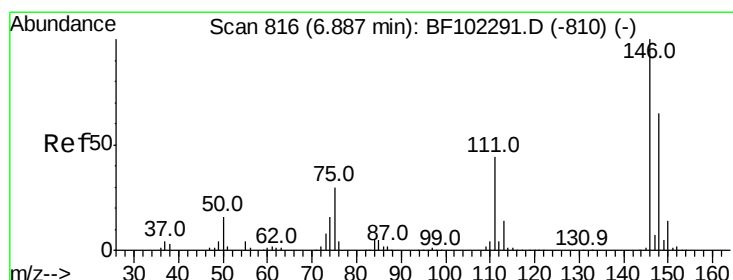
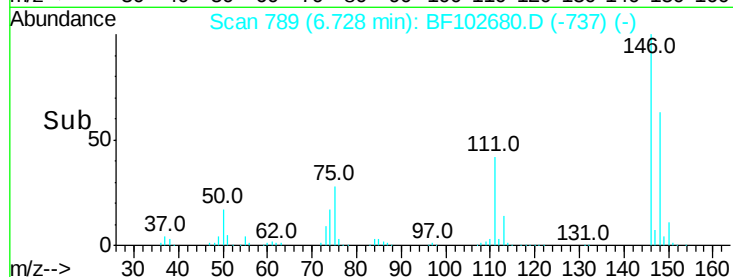
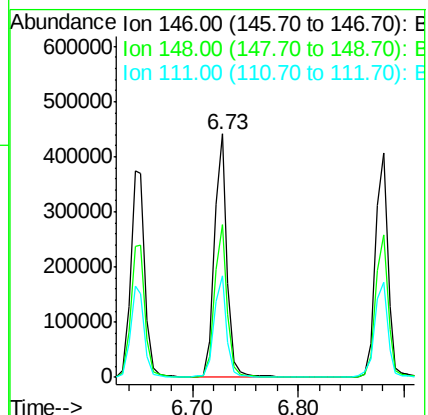
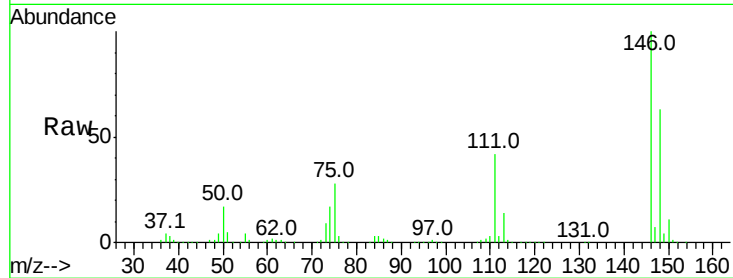
Tot Ion:146 Resp: 374718

Ion Ratio Lower Upper

146 100

148 62.9 50.8 76.2

111 41.8 34.2 51.2



#14

1,2-Dichlorobenzene

Concen: 32.288 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.01 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

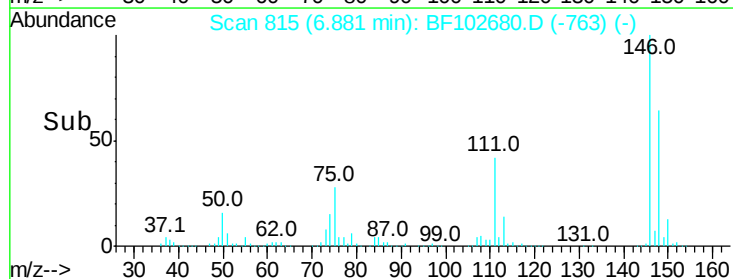
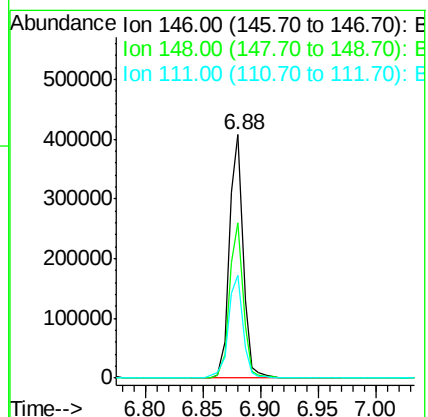
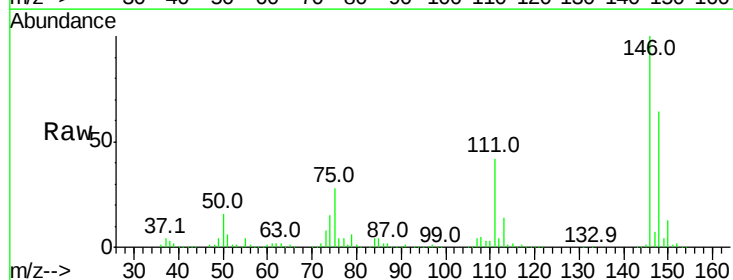
Tgt Ion:146 Resp: 338596

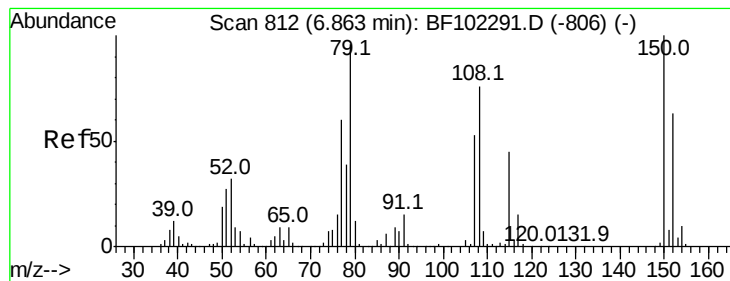
Ion Ratio Lower Upper

146 100

148 63.6 50.6 75.8

111 42.5 36.0 54.0





#15

Benzyl Alcohol

Concen: 30.612 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.01 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

Instrument :
BNA_F
ClientSampleId :

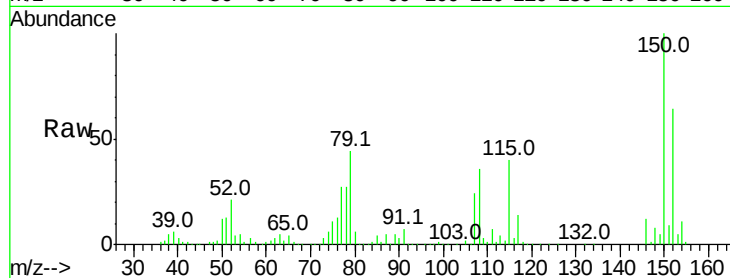
Tot Ion: 79 Resp: 239047

Ion Ratio Lower Upper

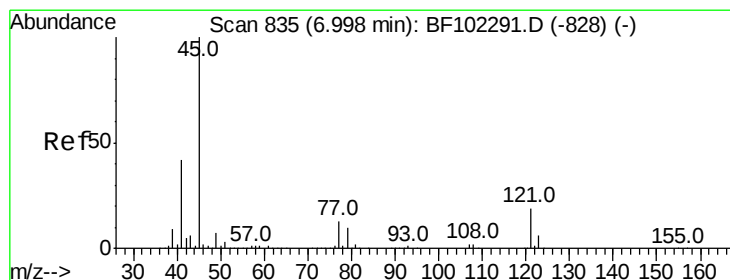
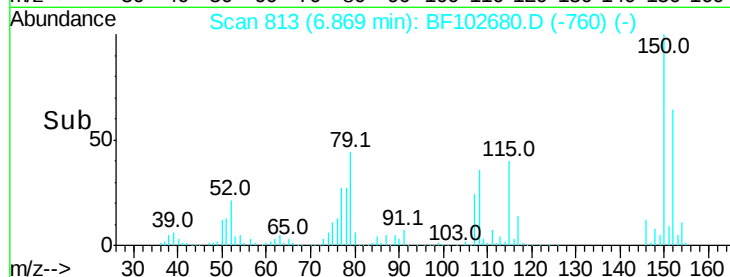
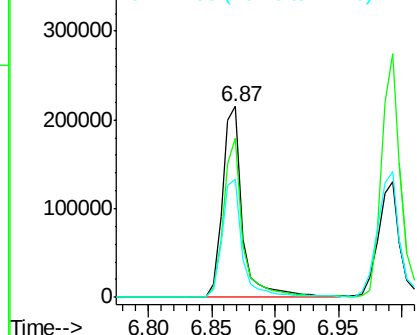
79 100

108 83.5 65.1 97.7

77 62.0 50.6 75.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.647 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

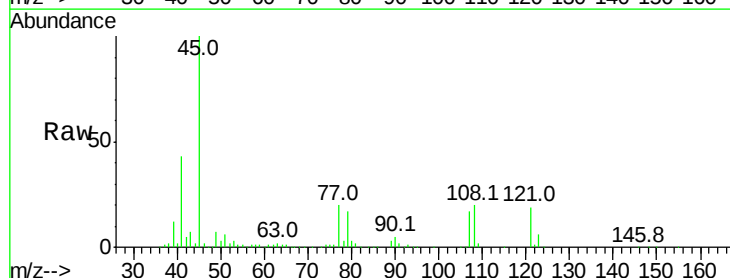
Tgt Ion: 45 Resp: 503189

Ion Ratio Lower Upper

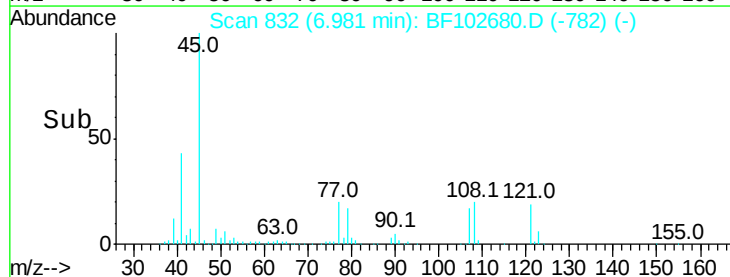
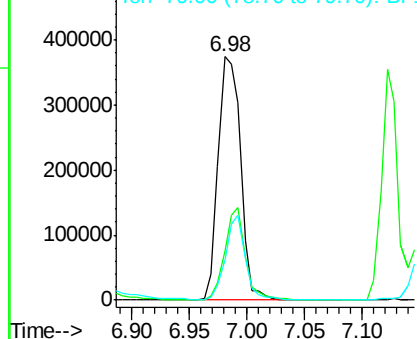
45 100

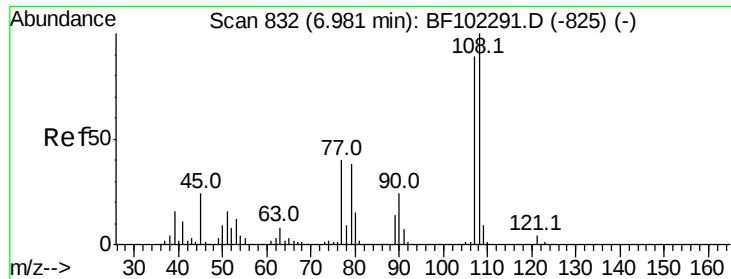
77 20.1 0.0 32.9

79 16.6 0.0 29.6



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

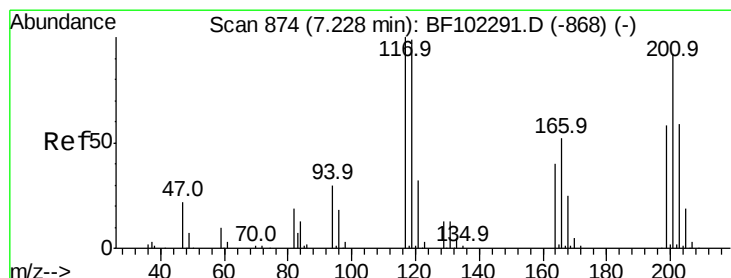
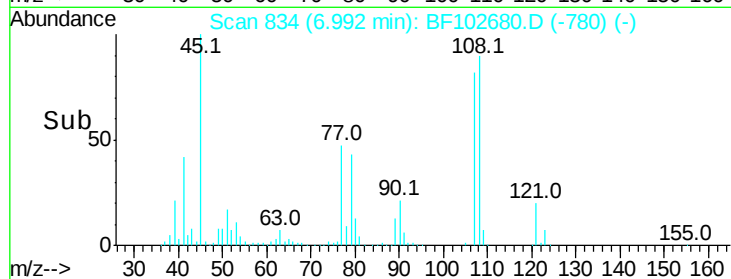
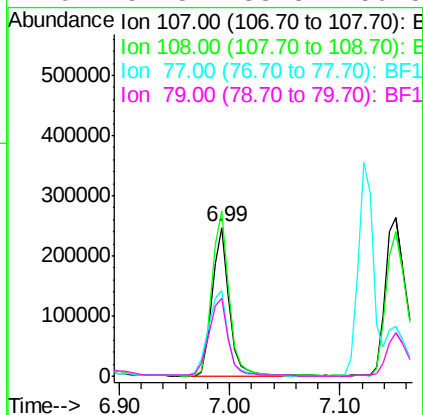
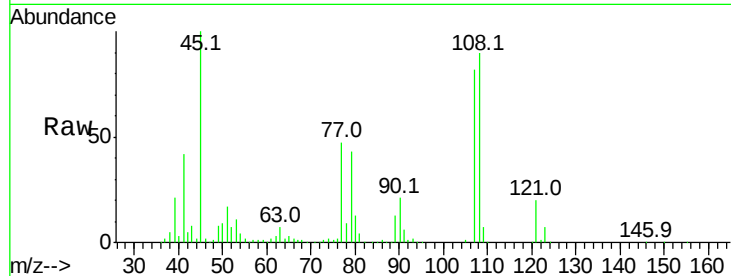




#17
2-Methylphenol
Concen: 30.773 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.02 min
Lab File: BF102680.D
Acq: 1 Feb 2018 2:50

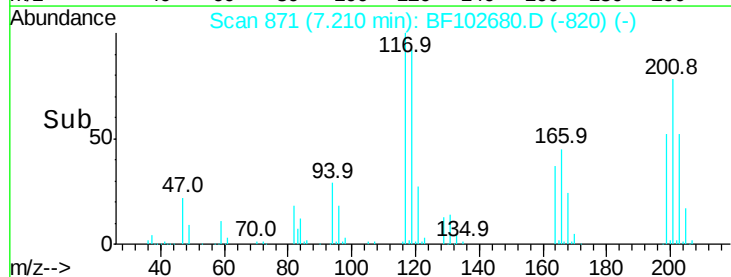
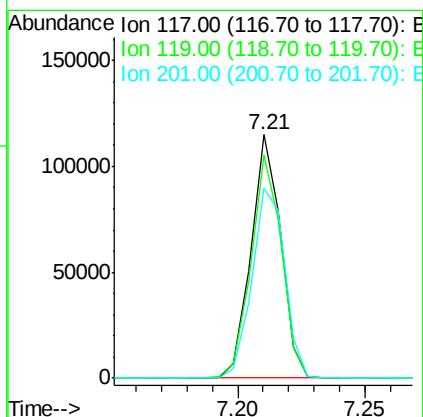
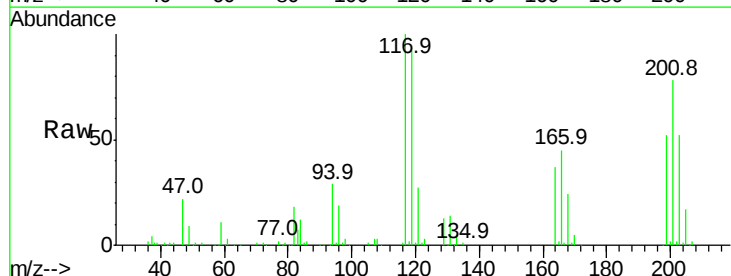
Instrument :
BNA_F
ClientSampled :

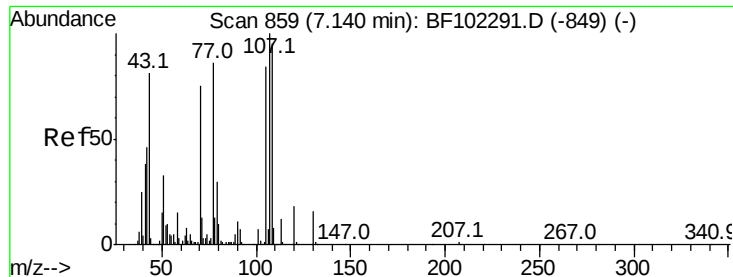
Tot Ion:107 Resp: 257194
Ion Ratio Lower Upper
107 100
108 110.8 91.7 137.5
77 57.2 33.8 50.8#
79 52.8 33.8 50.8#



#18
Hexachloroethane
Concen: 23.682 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF102680.D
Acq: 1 Feb 2018 2:50

Tgt Ion:117 Resp: 94612
Ion Ratio Lower Upper
117 100
119 91.5 75.8 113.8
201 77.8 75.7 113.5

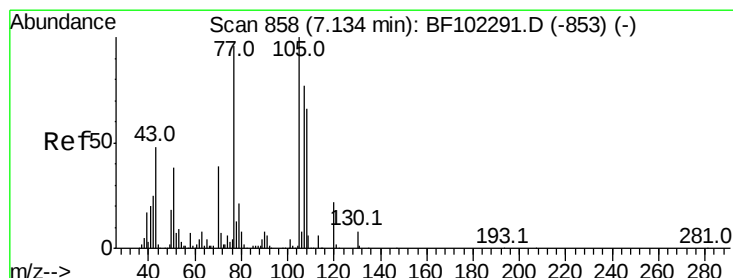
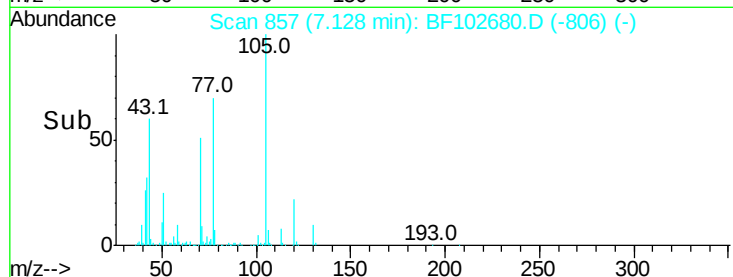
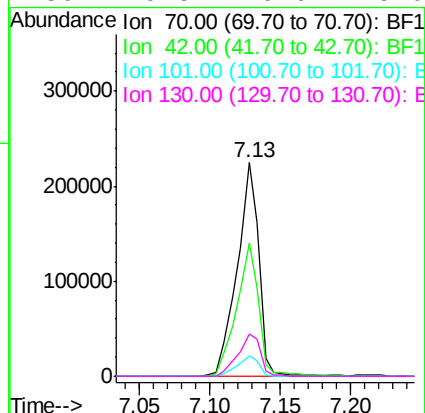
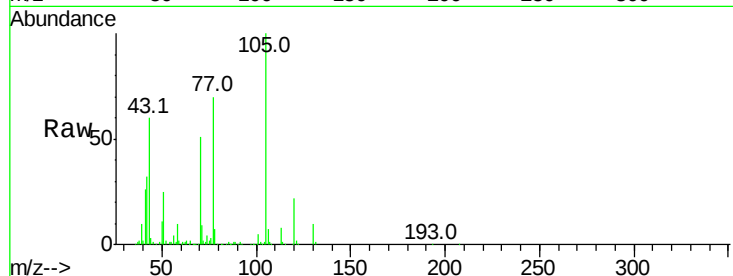




#19
n-Nitroso-di-n-propylamine
Concen: 35.425 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF102680.D
Acq: 1 Feb 2018 2:50

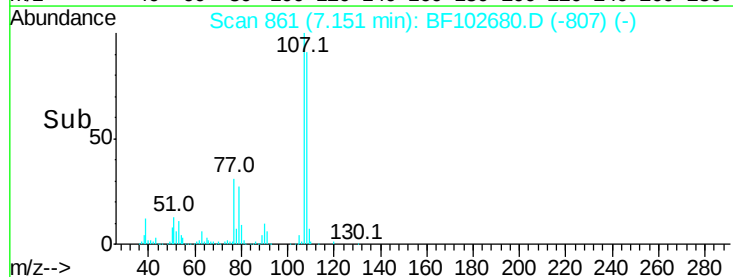
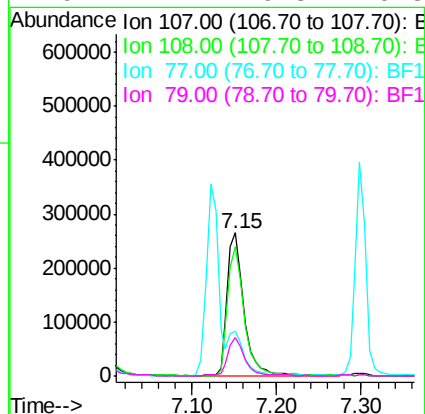
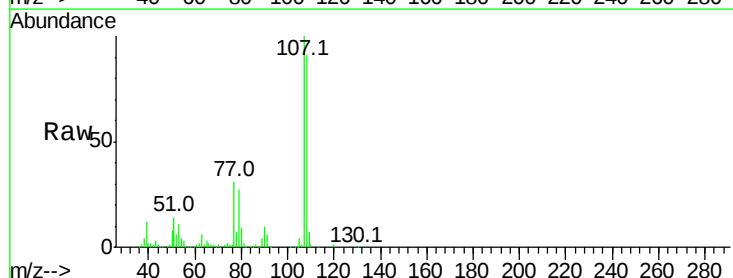
Instrument :
BNA_F
ClientSampleId :

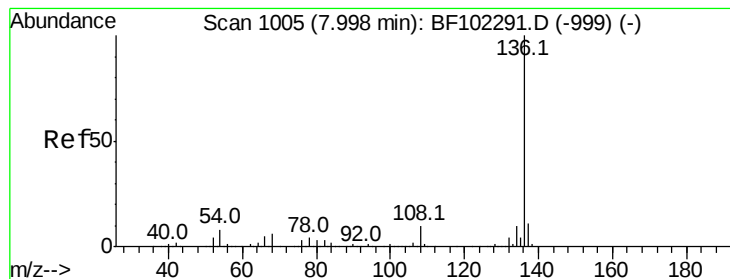
Tot Ion: 70 Resp: 239935
Ion Ratio Lower Upper
70 100
42 62.3 47.5 71.3
101 9.8 7.4 11.2
130 19.5 16.6 25.0



#20
3+4-Methylphenols
Concen: 37.078 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.02 min
Lab File: BF102680.D
Acq: 1 Feb 2018 2:50

Tgt Ion: 107 Resp: 364466
Ion Ratio Lower Upper
107 100
108 90.7 68.2 108.2
77 31.3 26.7 66.7
79 27.1 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1004

Delta R.T. 0.01 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 557771

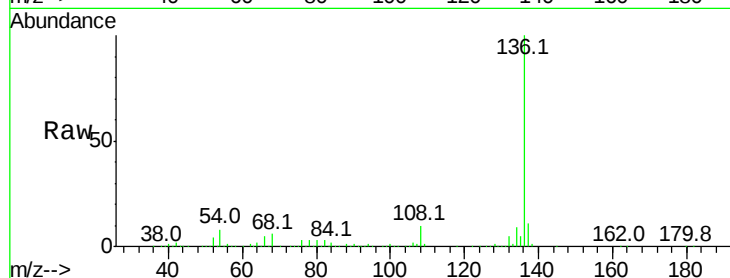
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.2 6.6 9.8

68 5.7 5.0 7.4

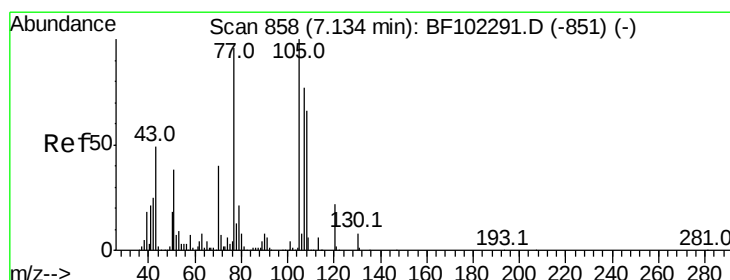
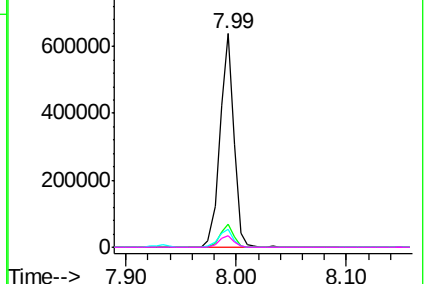
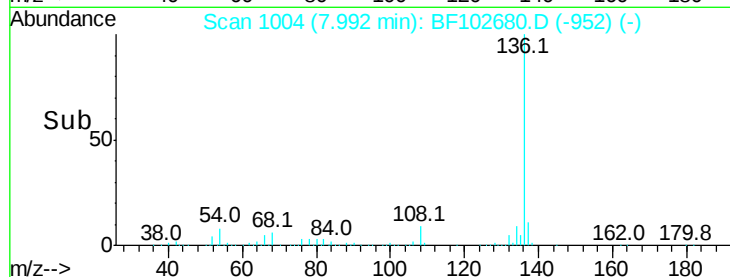


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 36.028 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

Tgt Ion:105 Resp: 479040

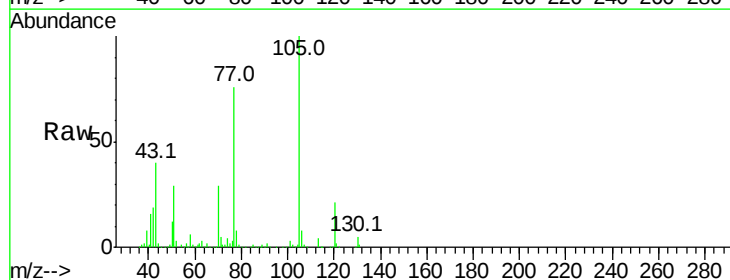
Ion Ratio Lower Upper

105 100

71 4.5 4.4 6.6

51 29.0 22.3 33.5

120 20.9 16.9 25.3

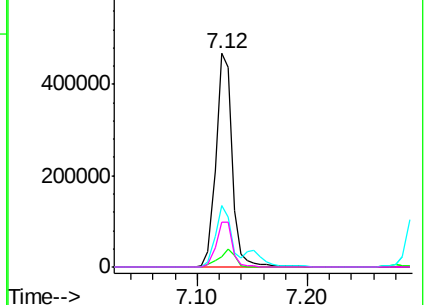
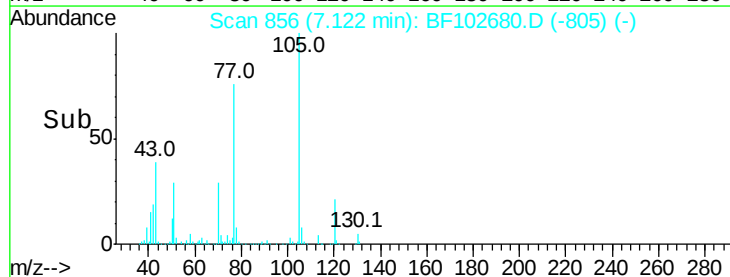


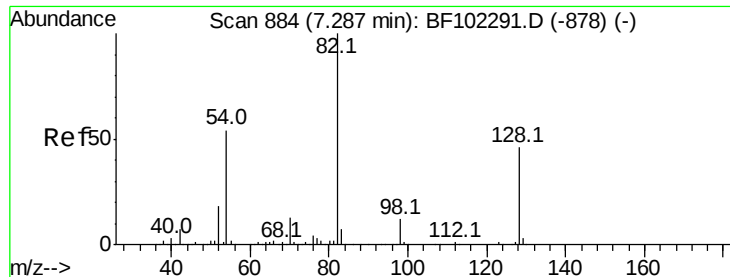
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

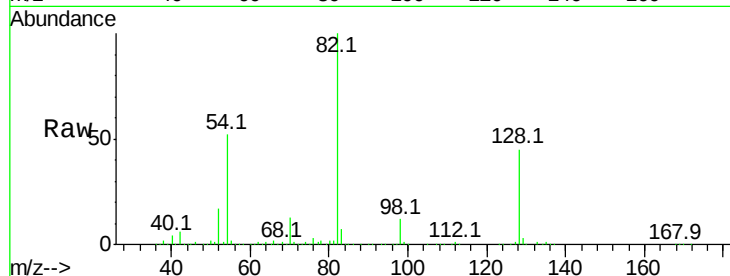




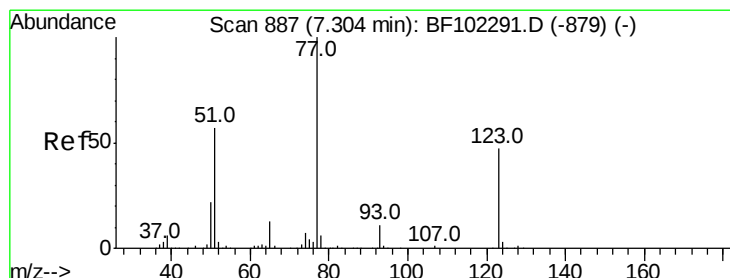
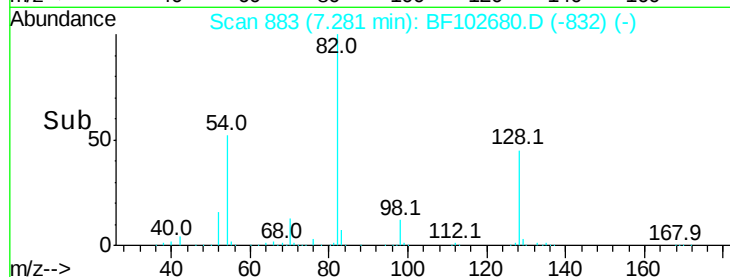
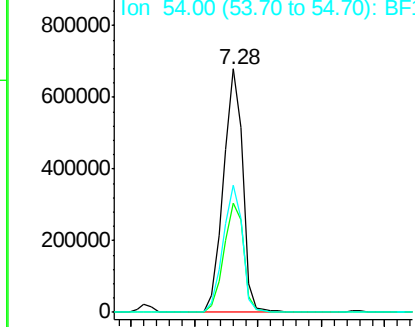
#23
 Nitrobenzene-d5
 Concen: 74.191 ng
 RT: 7.28 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BF102680.D
 Acq: 1 Feb 2018 2:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	720097
Ion Ratio	Lower	Upper	
82	100		
128	45.1	36.1	54.1
54	52.3	41.4	62.2

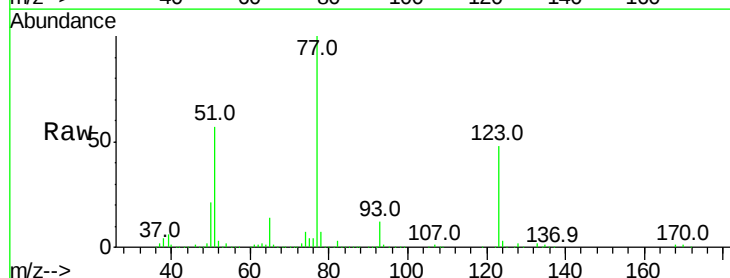


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

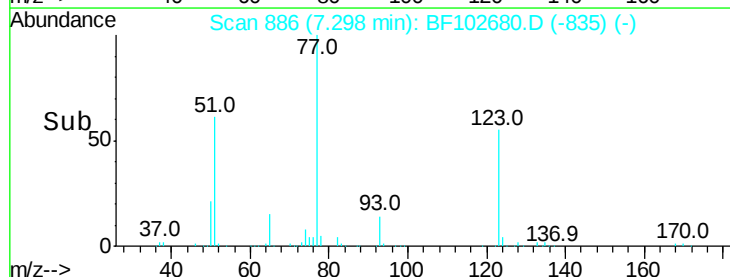
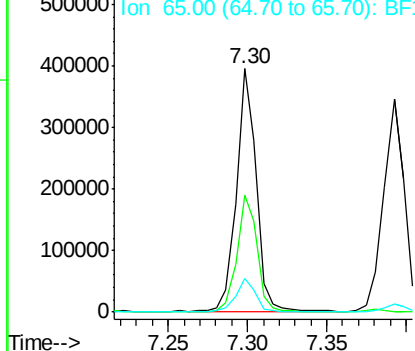


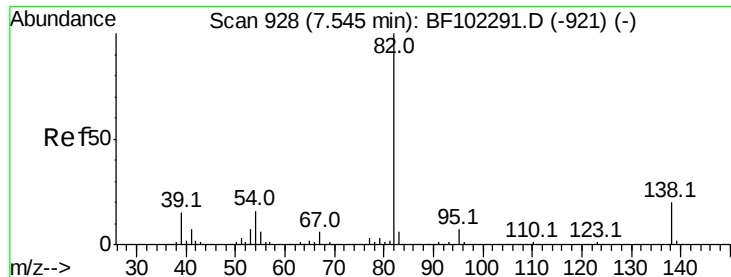
#24
 Nitrobenzene
 Concen: 34.325 ng
 RT: 7.30 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: BF102680.D
 Acq: 1 Feb 2018 2:50

Tgt Ion	77	Resp	340941
Ion Ratio	Lower	Upper	
77	100		
123	48.0	37.9	56.9
65	13.7	11.0	16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 36.051 ng

RT: 7.54 min Scan# 927

Delta R.T. 0.01 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

Instrument :

BNA_F

ClientSampleId :

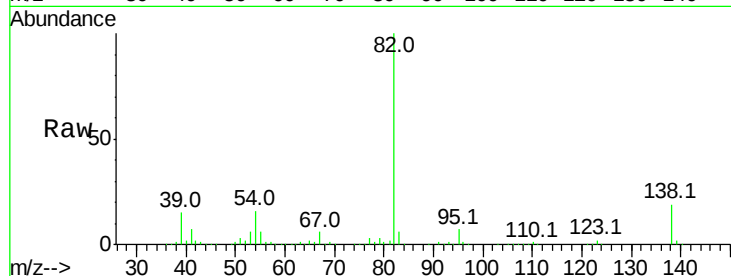
Tot Ion: 82 Resp: 623804

Ion Ratio Lower Upper

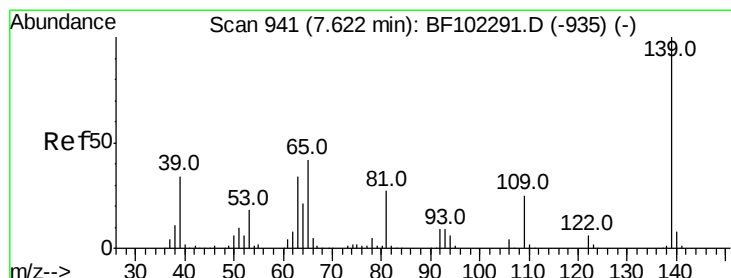
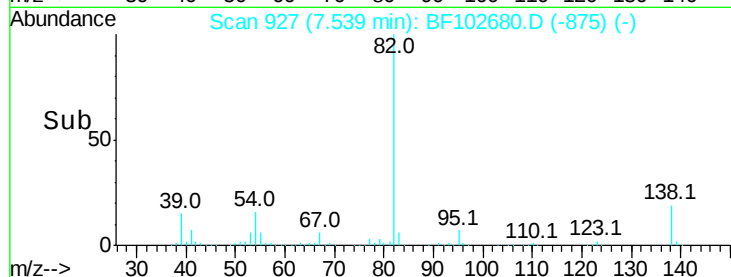
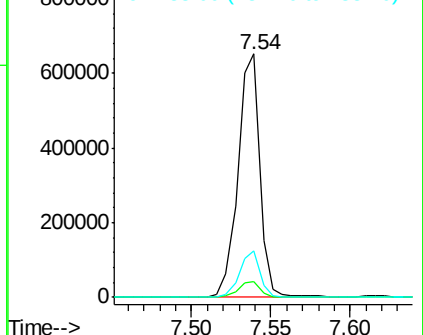
82 100

95 6.7 5.2 7.8

138 19.3 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: 30.564 ng

RT: 7.62 min Scan# 940

Delta R.T. 0.01 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

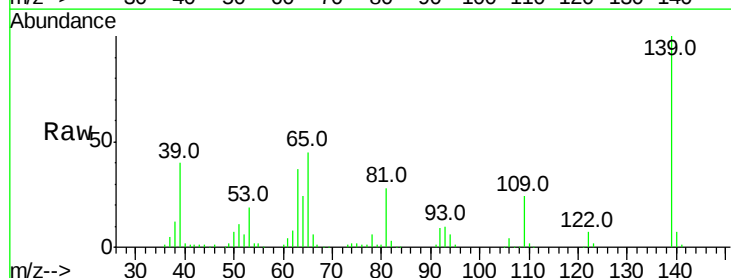
Tgt Ion: 139 Resp: 159781

Ion Ratio Lower Upper

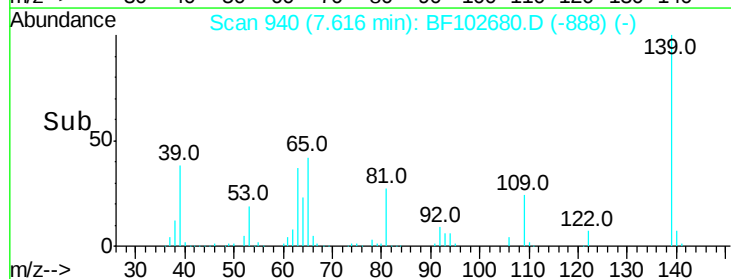
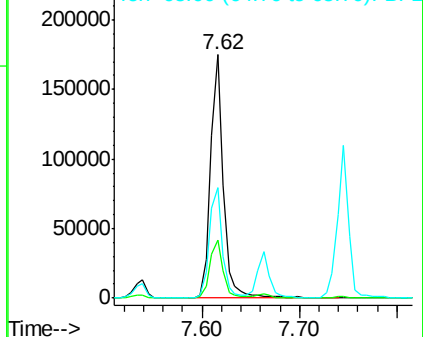
139 100

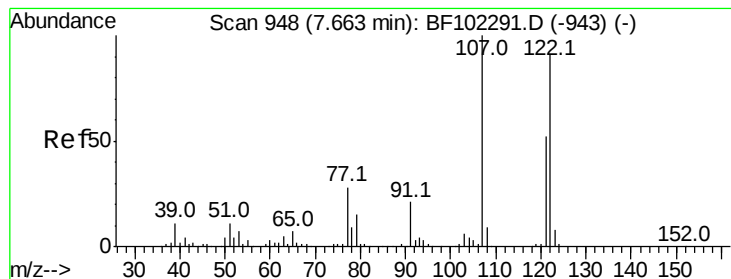
109 24.0 22.7 34.1

65 45.2 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: 38.343 ng

RT: 7.66 min Scan# 948

Delta R.T. 0.01 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

Instrument :

BNA_F

ClientSampled :

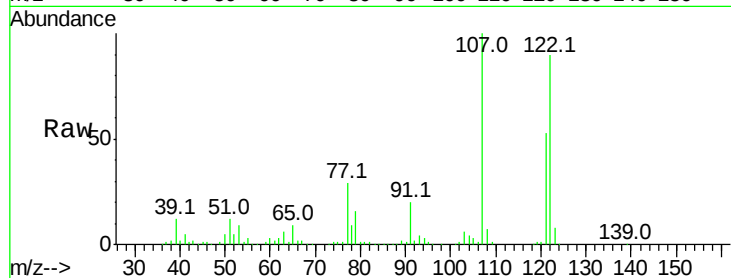
Tot Ion:122 Resp: 291063

Ion Ratio Lower Upper

122 100

107 111.0 91.2 136.8

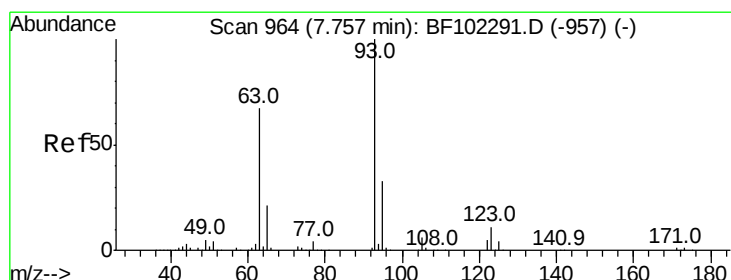
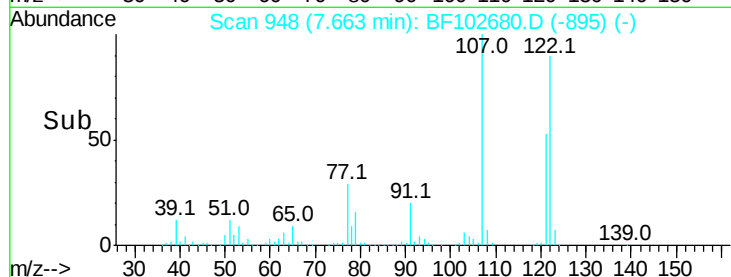
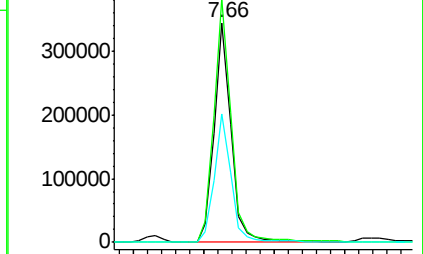
121 58.8 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.267 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.01 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

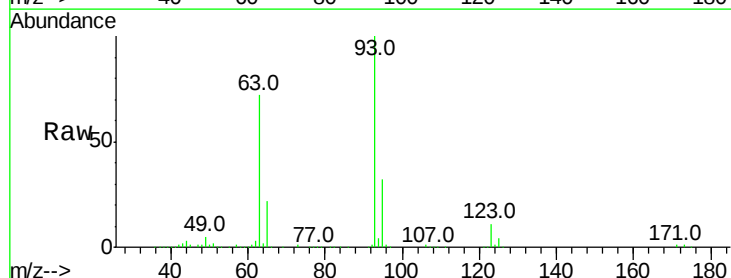
Tgt Ion: 93 Resp: 409026

Ion Ratio Lower Upper

93 100

95 32.2 26.3 39.5

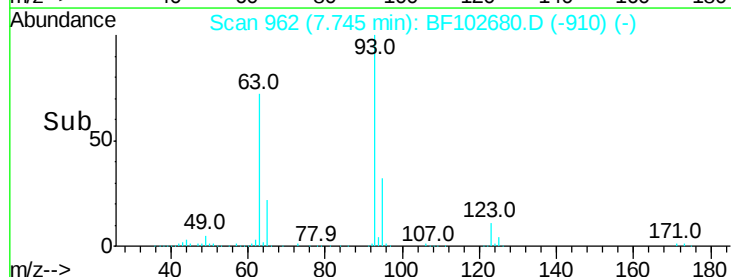
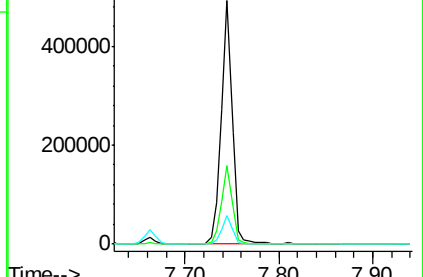
123 11.5 9.8 14.6

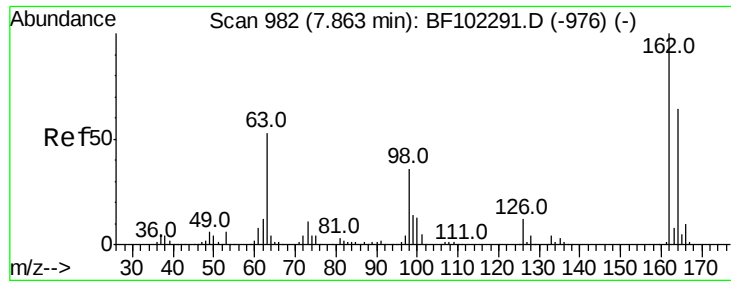


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

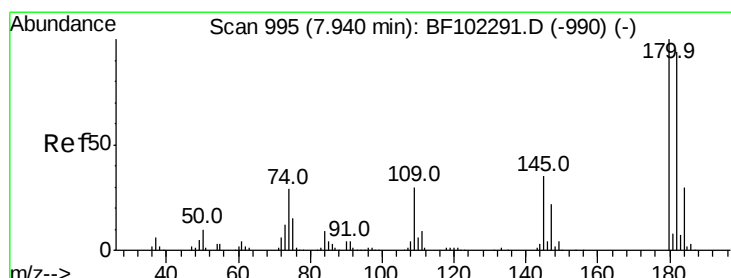
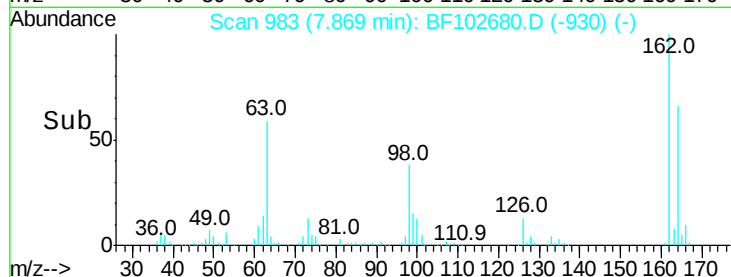
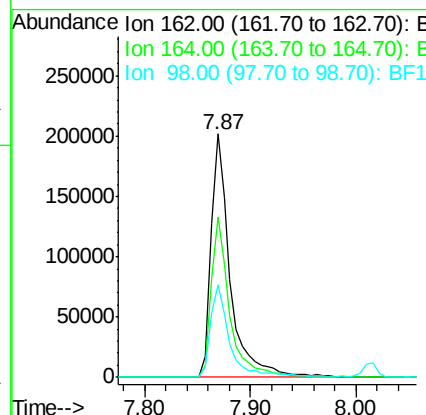
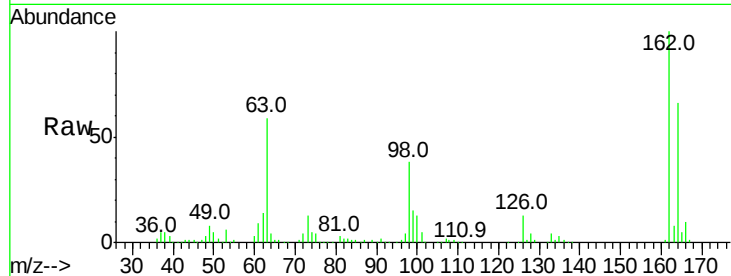




#29
 2,4-Dichlorophenol
 Concen: 33.054 ng
 RT: 7.87 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: BF102680.D
 Acq: 1 Feb 2018 2:50

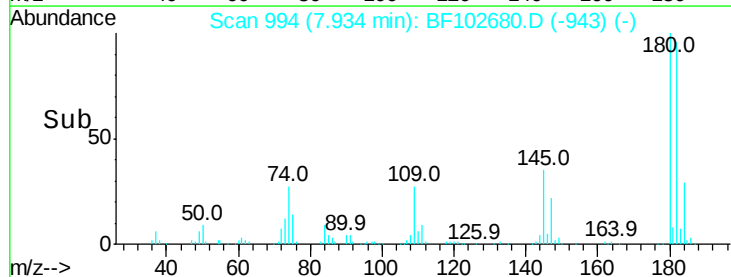
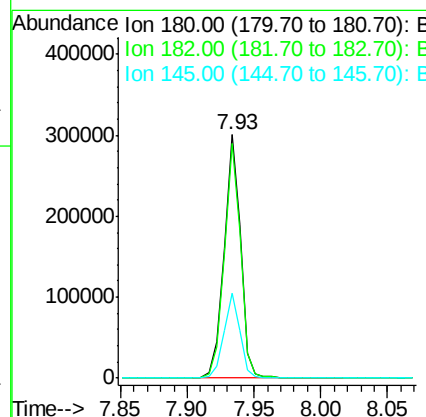
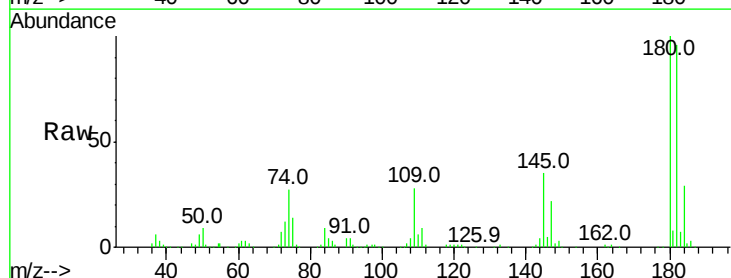
Instrument :
 BNA_F
 ClientSampleId :

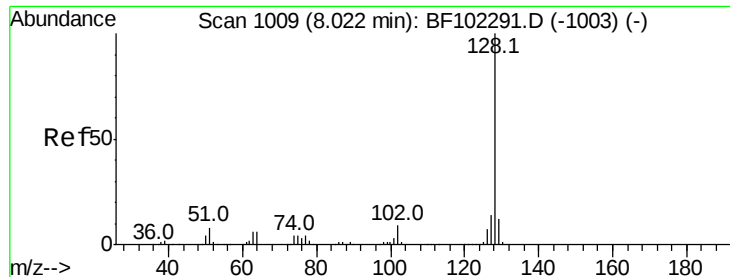
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.8	42.7	82.7
98	38.3	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 31.788 ng
 RT: 7.93 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: BF102680.D
 Acq: 1 Feb 2018 2:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.8	115.2
145	35.1	26.5	39.7

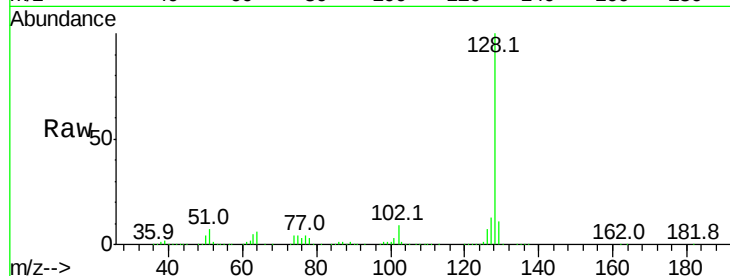




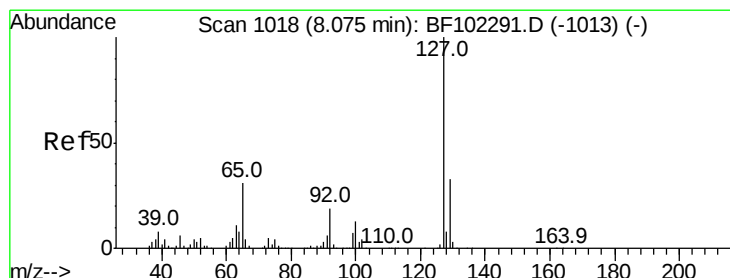
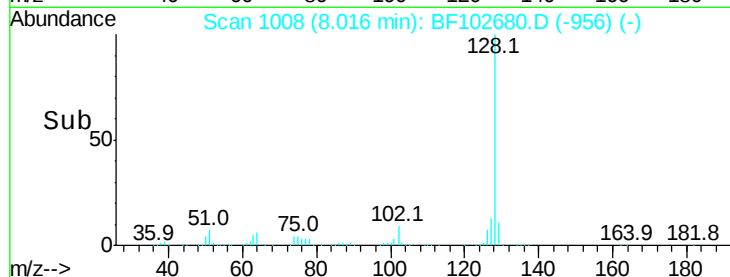
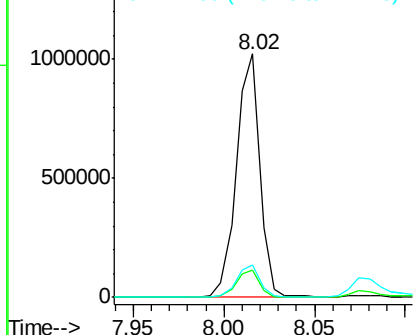
#31
Naphthalene
Concen: 33.131 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.01 min
Lab File: BF102680.D
Acq: 1 Feb 2018 2:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 922641
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.3 10.9 16.3

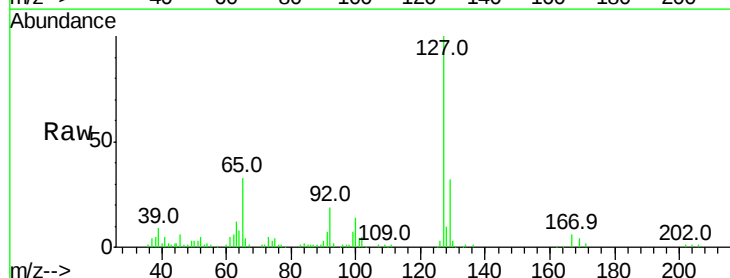


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

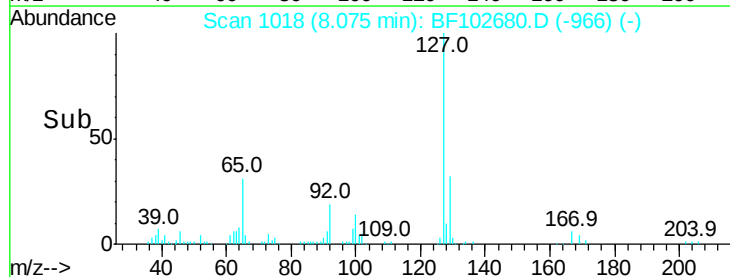
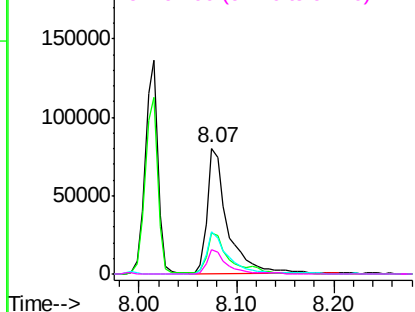


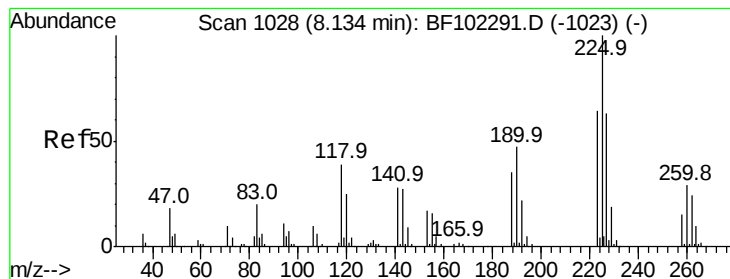
#33
4-Chloroaniline
Concen: 9.838 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.01 min
Lab File: BF102680.D
Acq: 1 Feb 2018 2:50

Tgt Ion:127 Resp: 115212
Ion Ratio Lower Upper
127 100
129 32.4 25.9 38.9
65 33.3 25.0 37.4
92 19.3 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: 31.540 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

Instrument :
BNA_F
ClientSampleId :

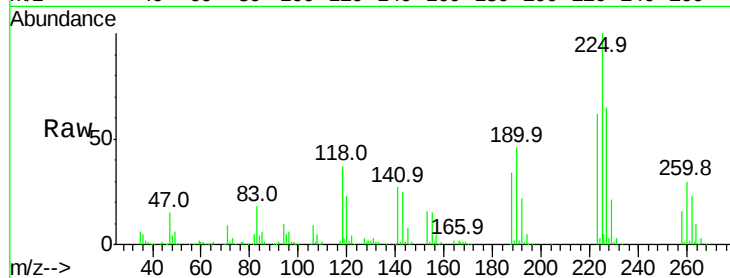
Tot Ion:225 Resp: 139628

Ion Ratio Lower Upper

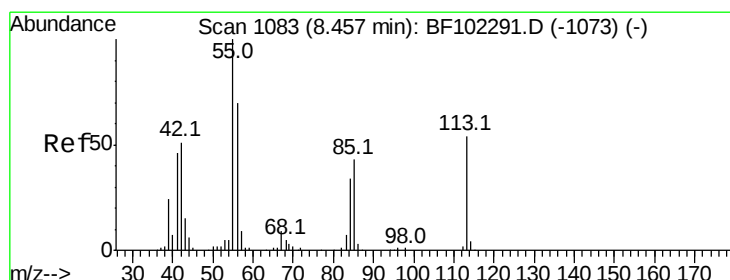
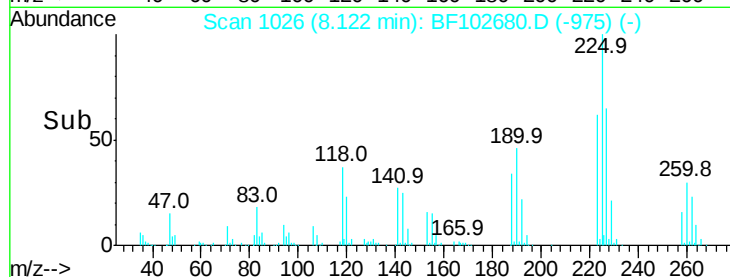
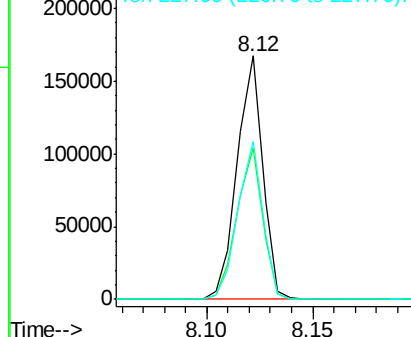
225 100

223 62.0 50.6 76.0

227 64.7 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: 26.264 ng

RT: 8.44 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

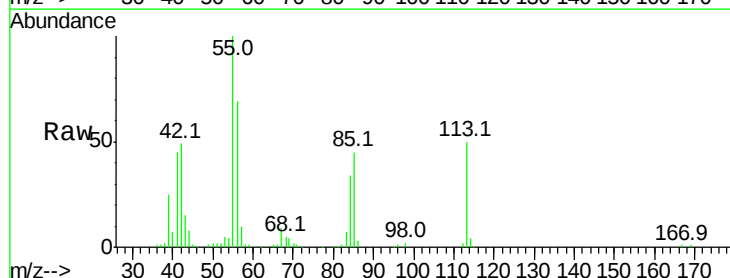
Tgt Ion:113 Resp: 67070

Ion Ratio Lower Upper

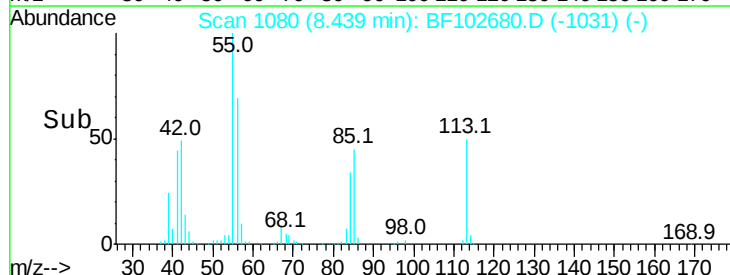
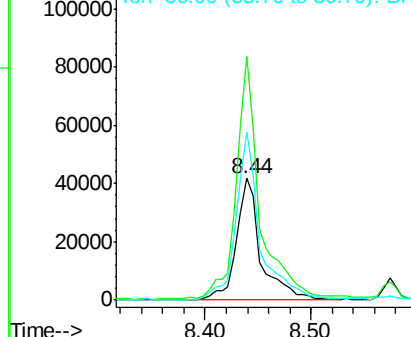
113 100

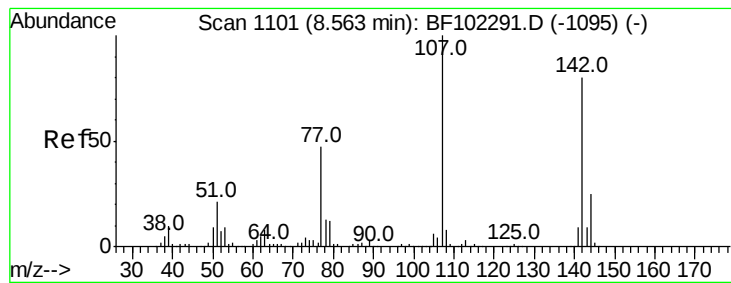
55 199.6 163.3 203.3

56 138.1 115.7 155.7



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





#36

4-Chloro-3-methylphenol

Concen: 31.257 ng

RT: 8.57 min Scan# 1103

Delta R.T. 0.01 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

Instrument :

BNA_F

ClientSampled :

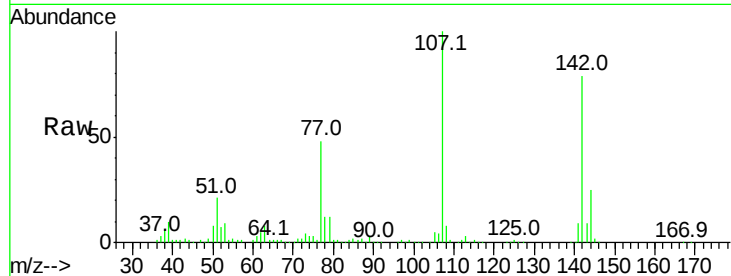
Tot Ion:107 Resp: 254757

Ion Ratio Lower Upper

107 100

144 24.7 20.5 30.7

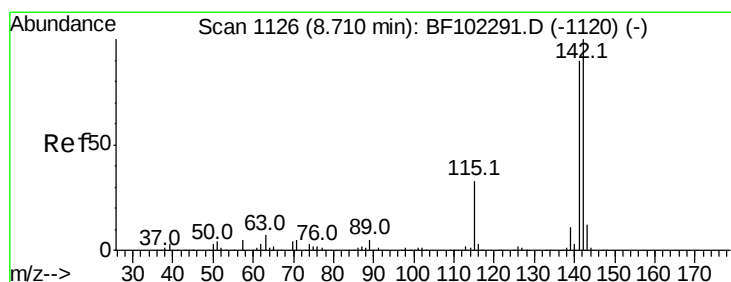
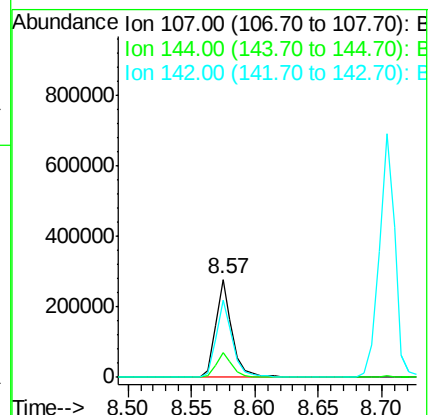
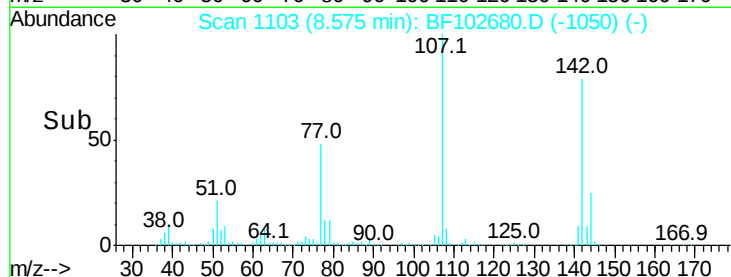
142 79.1 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 31.840 ng

RT: 8.70 min Scan# 1125

Delta R.T. 0.01 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

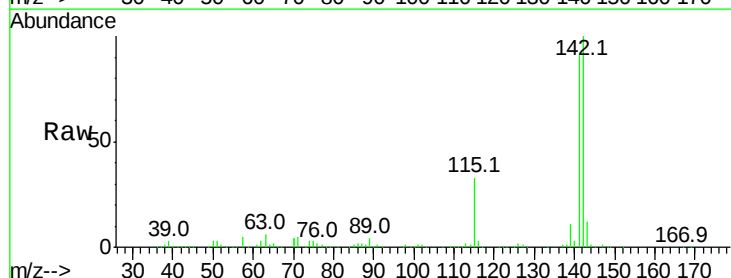
Tgt Ion:142 Resp: 590516

Ion Ratio Lower Upper

142 100

141 90.5 70.8 106.2

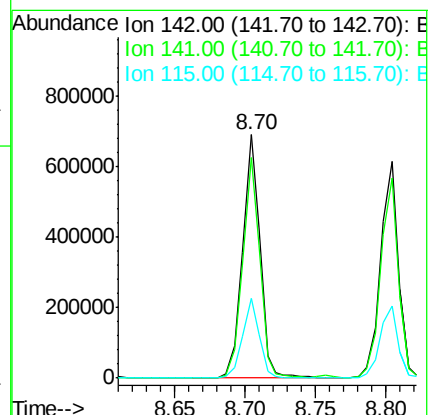
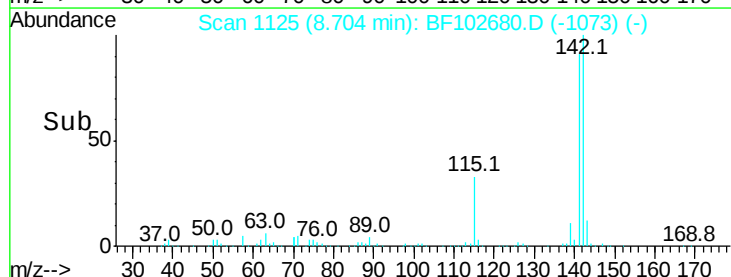
115 32.6 26.1 39.1

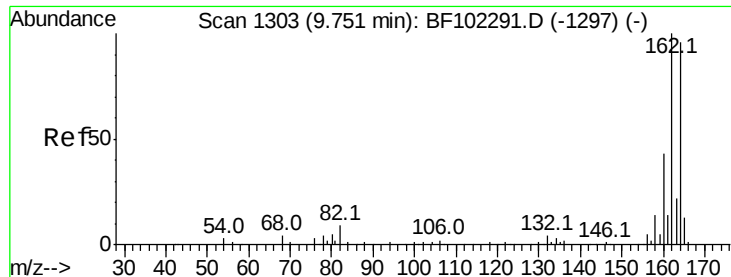


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

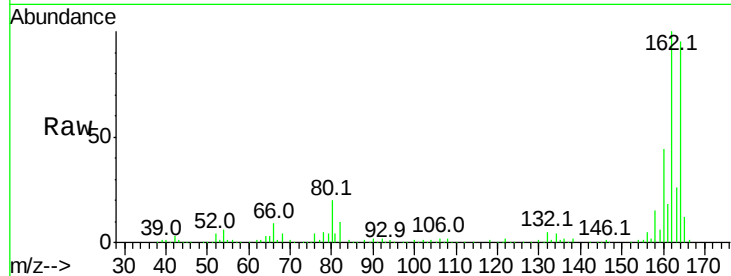




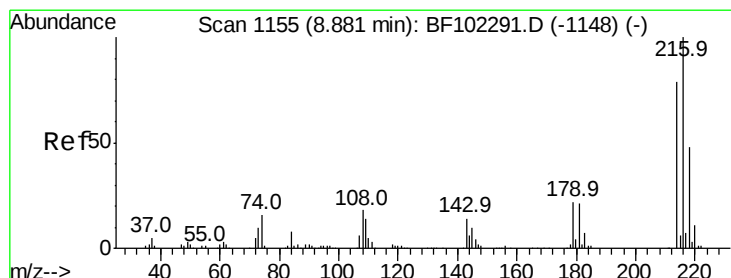
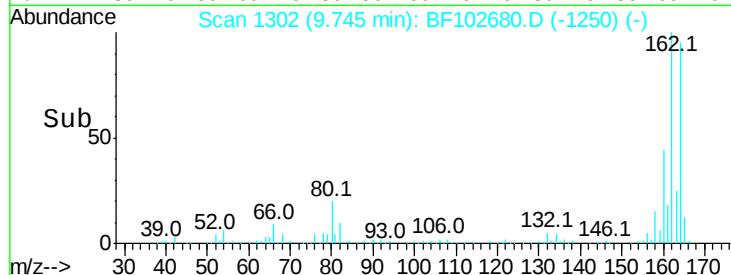
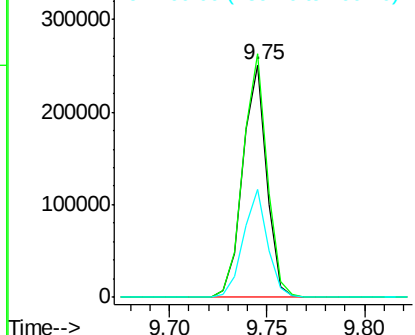
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. 0.01 min
Lab File: BF102680.D
Acq: 1 Feb 2018 2:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 212308
Ion Ratio Lower Upper
164 100
162 104.8 86.1 129.1
160 46.5 38.3 57.5



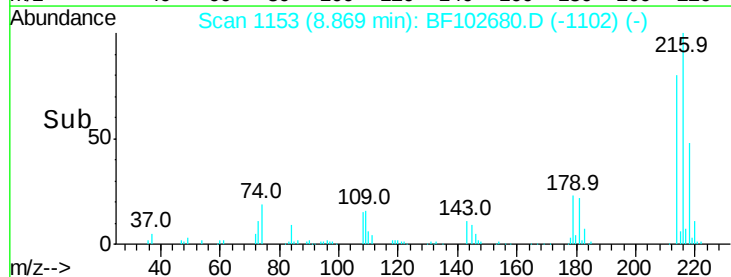
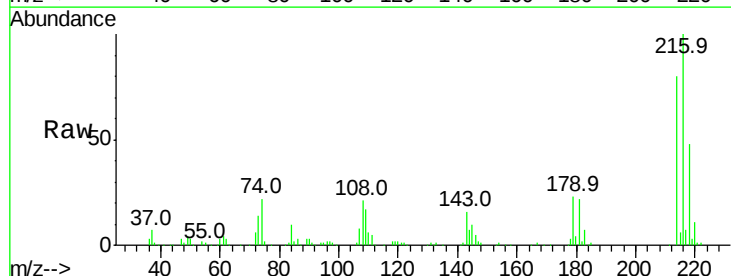
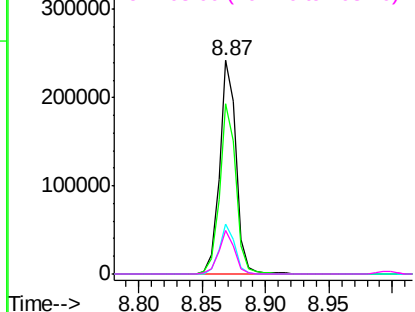
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

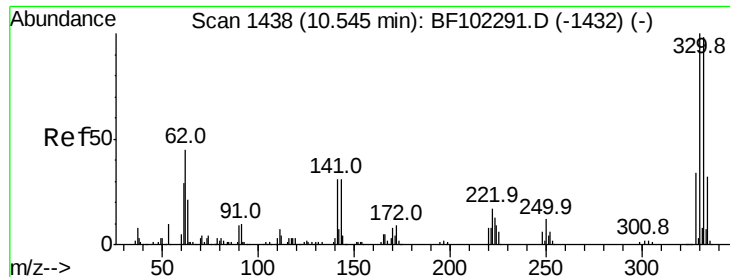


#39
1,2,4,5-Tetrachlorobenzene
Concen: 34.600 ng
RT: 8.87 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF102680.D
Acq: 1 Feb 2018 2:50

Tgt Ion:216 Resp: 221009
Ion Ratio Lower Upper
216 100
214 78.8 63.0 94.4
179 22.3 18.1 27.1
108 19.9 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

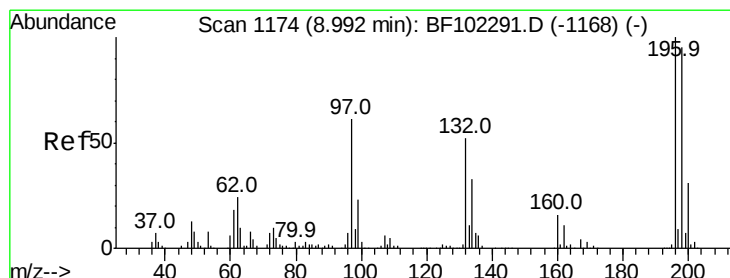
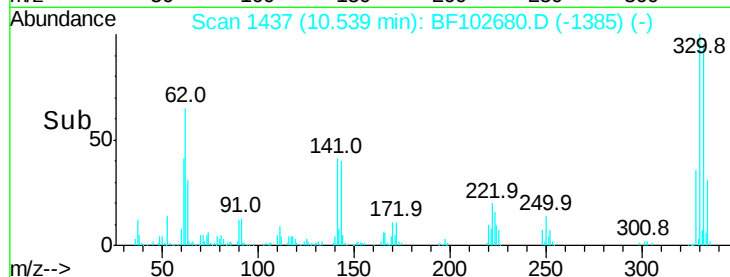
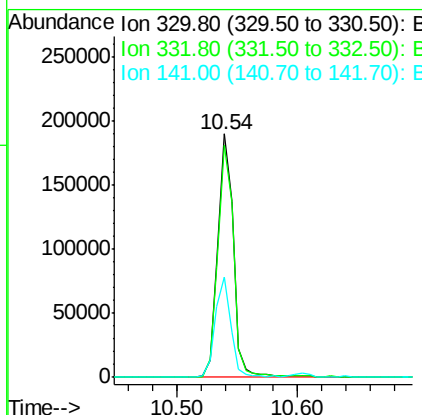
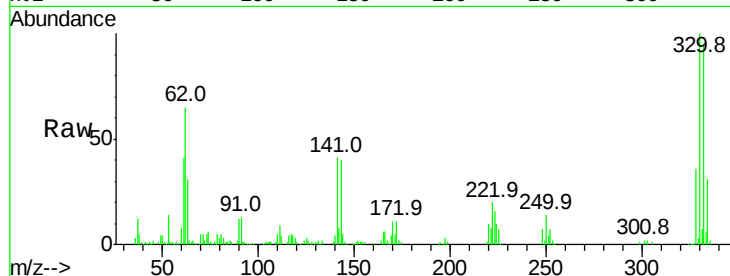




#41
 2,4,6-Tribromophenol
 Concen: 80.375 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. 0.01 min
 Lab File: BF102680.D
 Acq: 1 Feb 2018 2:50

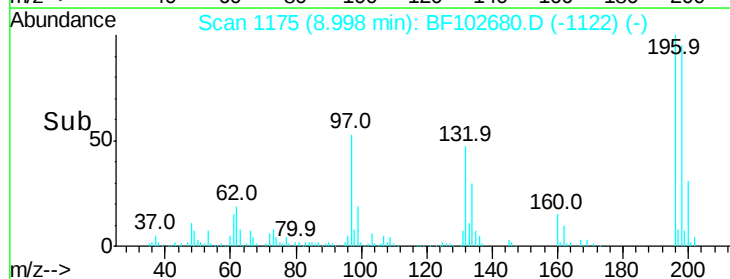
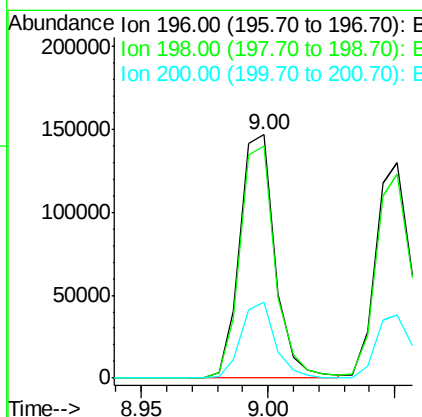
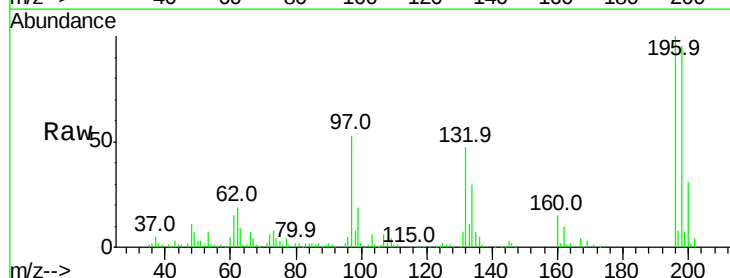
Instrument :
 BNA_F
 ClientSampled :

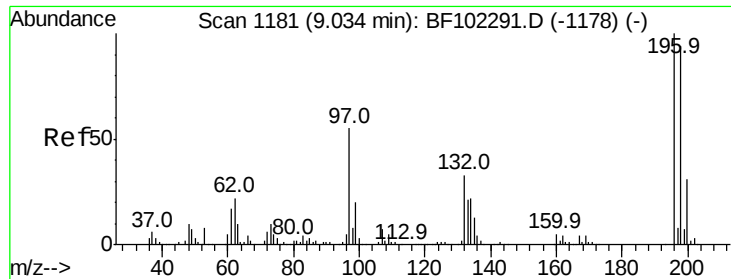
Tot Ion:330 Resp: 169082
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 41.3 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 33.446 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: BF102680.D
 Acq: 1 Feb 2018 2:50

Tgt Ion:196 Resp: 143013
 Ion Ratio Lower Upper
 196 100
 198 95.3 75.7 113.5
 200 31.2 24.5 36.7

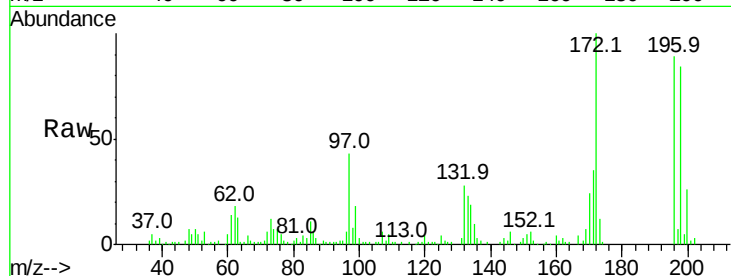




#43
 2,4,5-Trichlorophenol
 Concen: 29.057 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.02 min
 Lab File: BF102680.D
 Acq: 1 Feb 2018 2:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.6	74.6	112.0
97	48.2	42.9	64.3
132	31.2	26.3	39.5



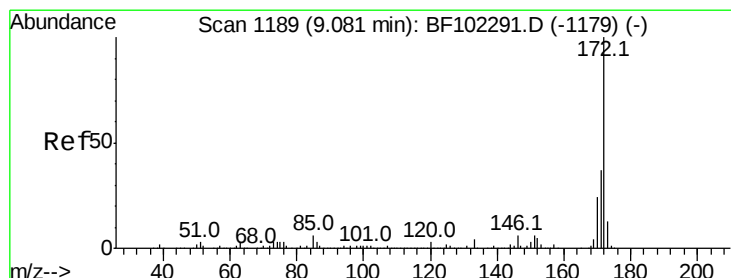
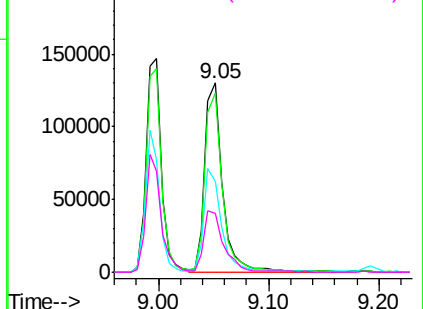
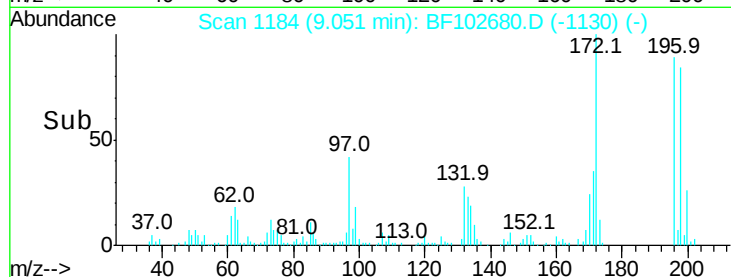
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

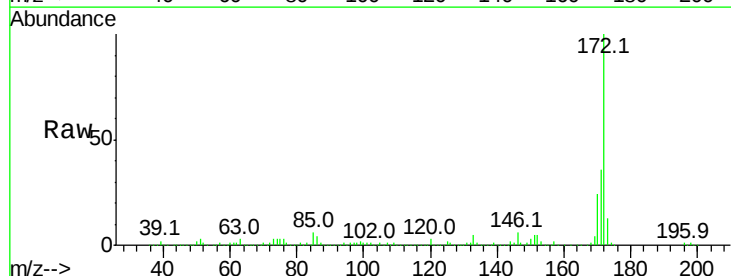
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 76.188 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF102680.D
 Acq: 1 Feb 2018 2:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.4	19.6	29.4

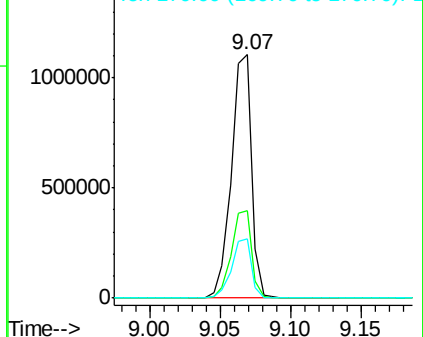
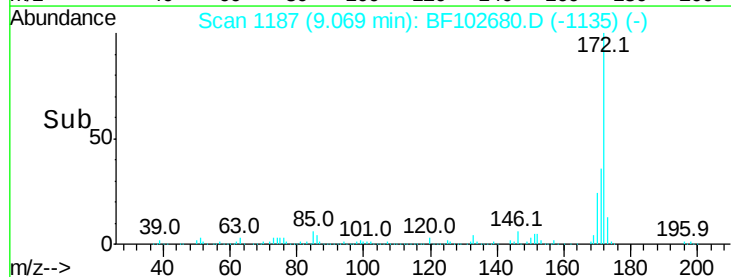


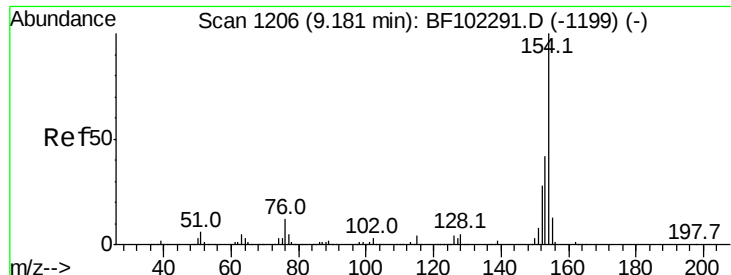
Abundance

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

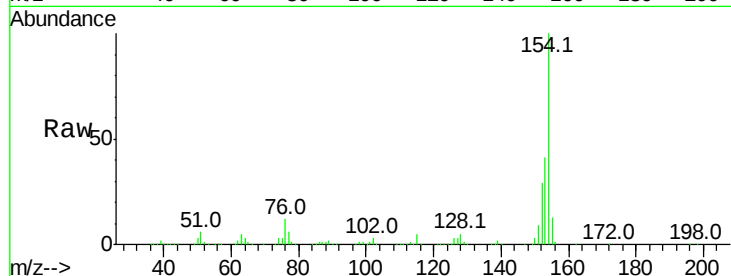




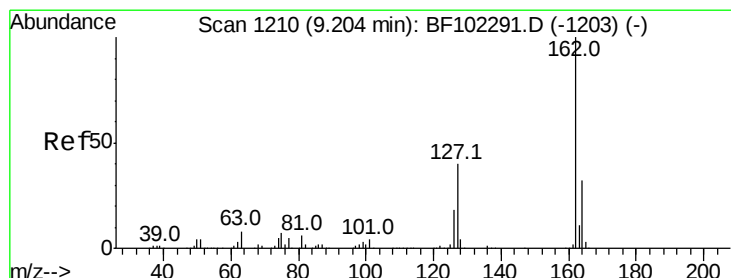
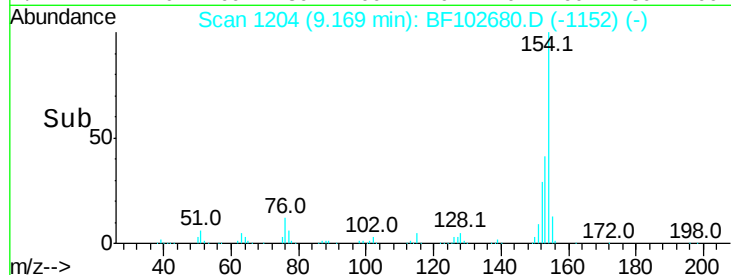
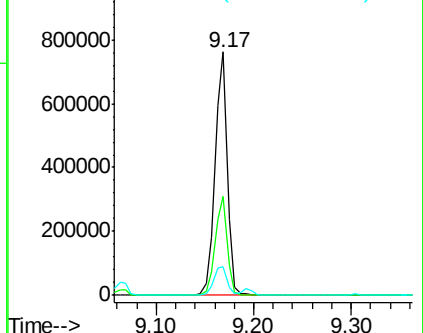
#45
 1,1'-Biphenyl
 Concen: 34.670 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF102680.D
 Acq: 1 Feb 2018 2:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.3	61.3
76	12.0	0.0	34.0

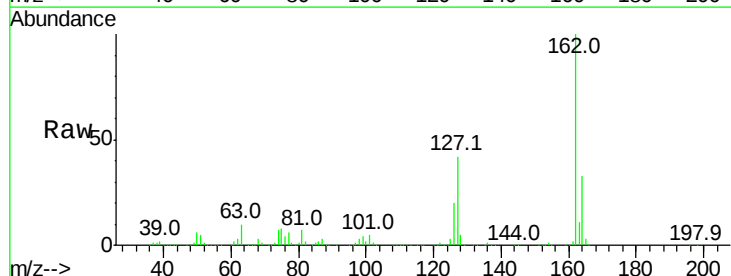


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

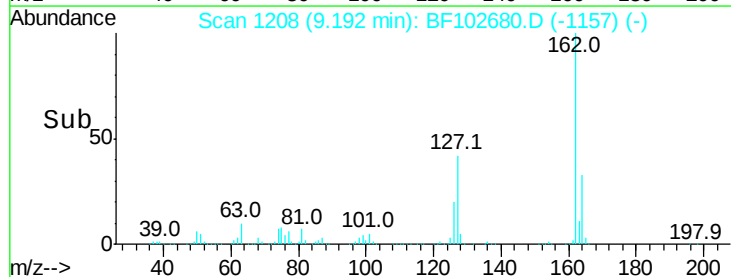
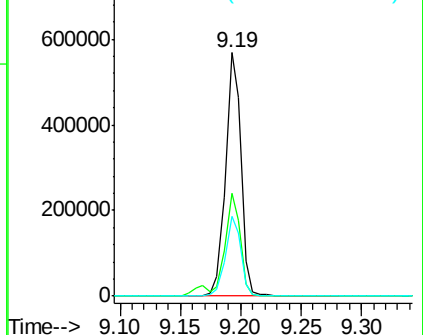


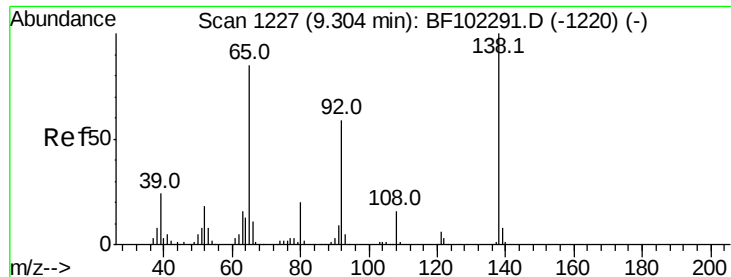
#46
 2-Chloronaphthalene
 Concen: 34.125 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF102680.D
 Acq: 1 Feb 2018 2:50

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.3	33.9	50.9
164	32.7	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

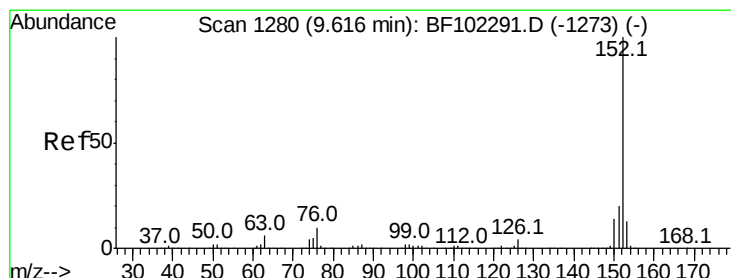
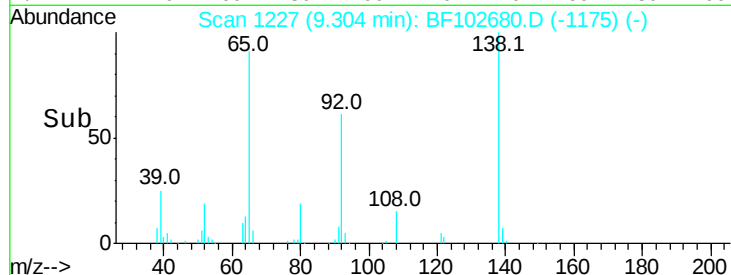
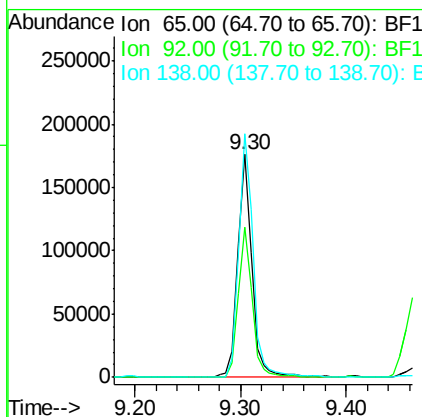
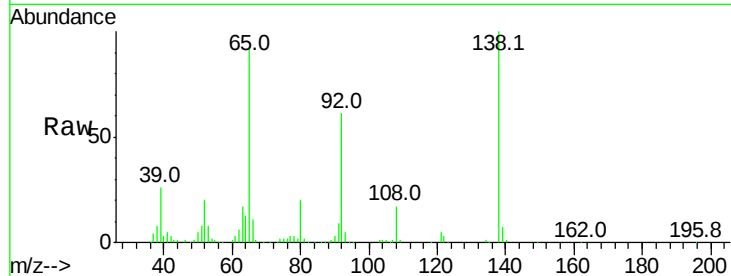




#47
2-Nitroaniline
Concen: 35.427 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.01 min
Lab File: BF102680.D
Acq: 1 Feb 2018 2:50

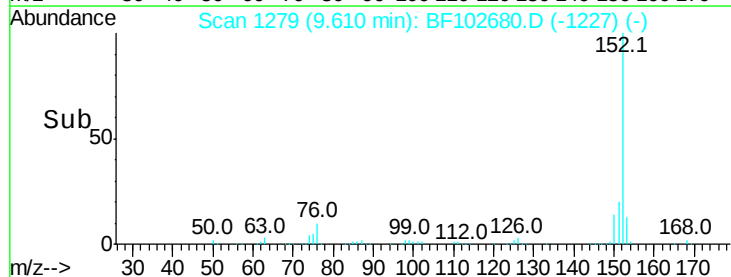
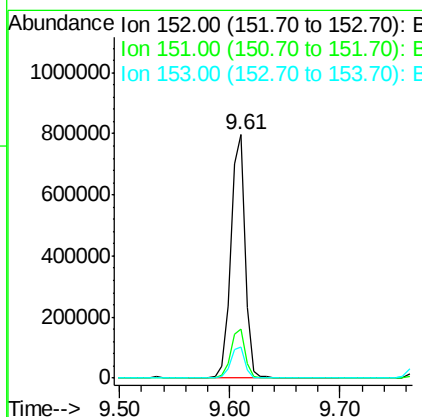
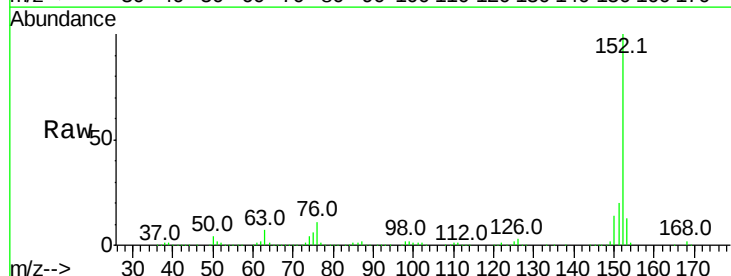
Instrument :
BNA_F
ClientSampleId :

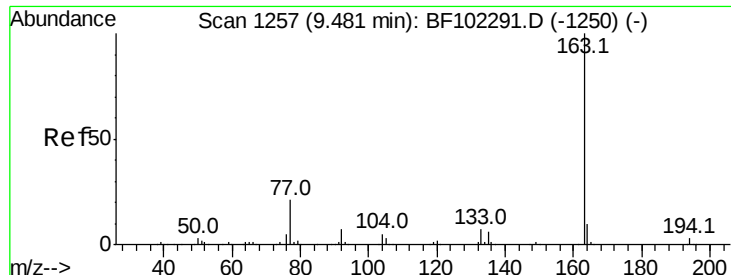
Tot Ion: 65 Resp: 162976
Ion Ratio Lower Upper
65 100
92 67.1 55.8 83.6
138 109.2 91.2 136.8



#48
Acenaphthylene
Concen: 31.584 ng
RT: 9.61 min Scan# 1279
Delta R.T. 0.01 min
Lab File: BF102680.D
Acq: 1 Feb 2018 2:50

Tgt Ion: 152 Resp: 726070
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5
153 12.9 10.7 16.1

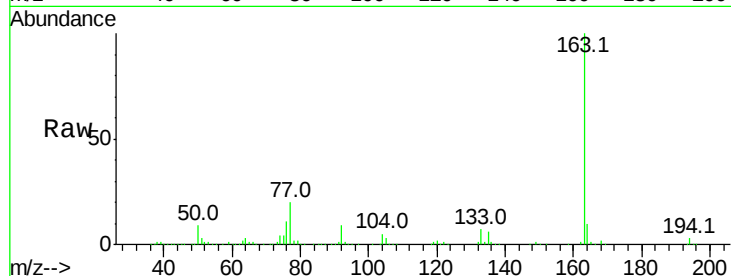




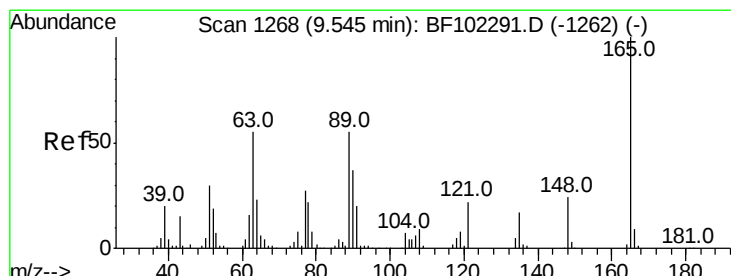
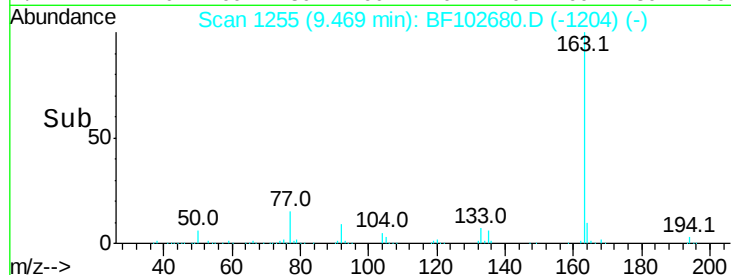
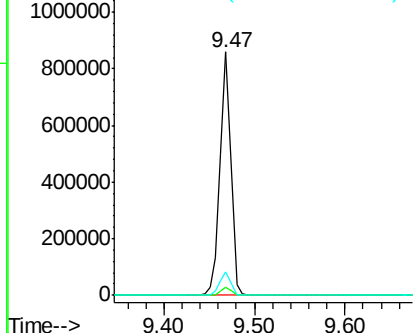
#49
Dimethylphthalate
Concen: 40.073 ng
RT: 9.47 min Scan# 1255
Delta R.T. 0.00 min
Lab File: BF102680.D
Acq: 1 Feb 2018 2:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 703232
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 9.9 8.2 12.2

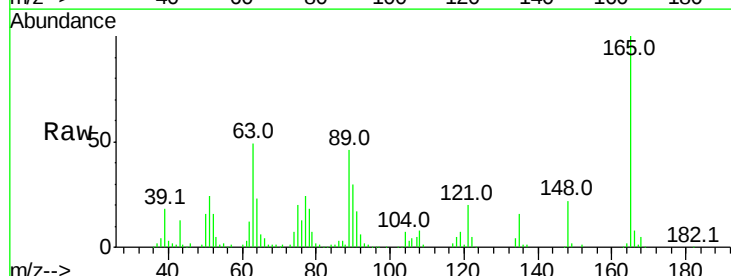


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

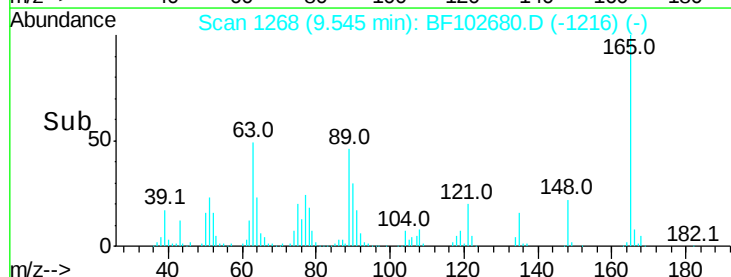
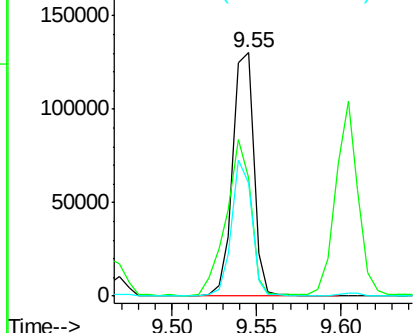


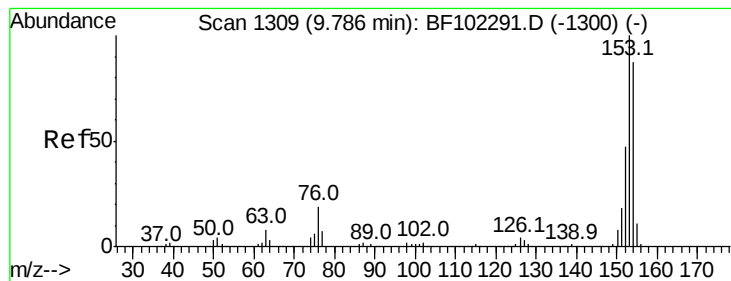
#50
2,6-Dinitrotoluene
Concen: 29.940 ng
RT: 9.55 min Scan# 1268
Delta R.T. 0.01 min
Lab File: BF102680.D
Acq: 1 Feb 2018 2:50

Tgt Ion:165 Resp: 113276
Ion Ratio Lower Upper
165 100
63 48.5 44.7 67.1
89 46.4 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: 32.688 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.01 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

Instrument :

BNA_F

ClientSampleId :

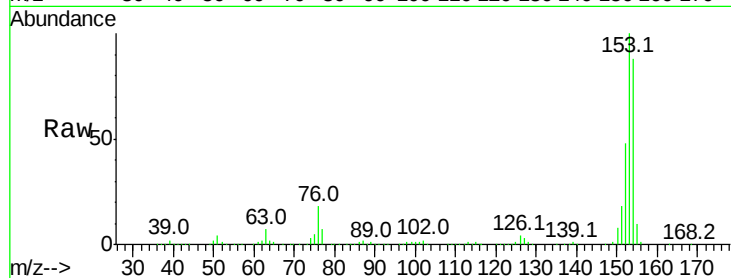
Tot Ion:154 Resp: 438875

Ion Ratio Lower Upper

154 100

153 113.7 91.2 136.8

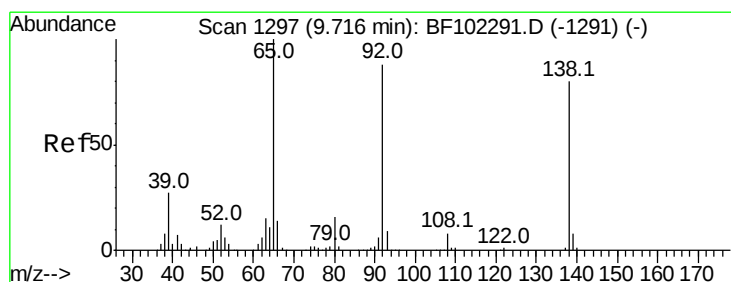
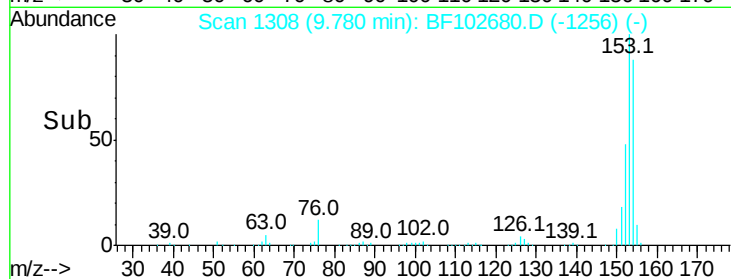
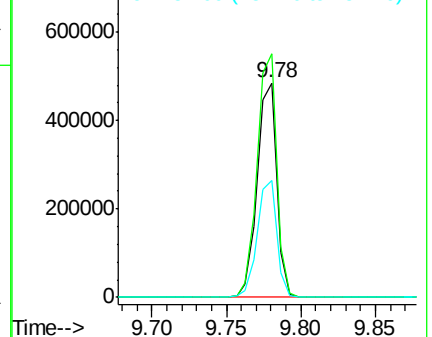
152 54.6 43.8 65.8



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: 27.237 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.01 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

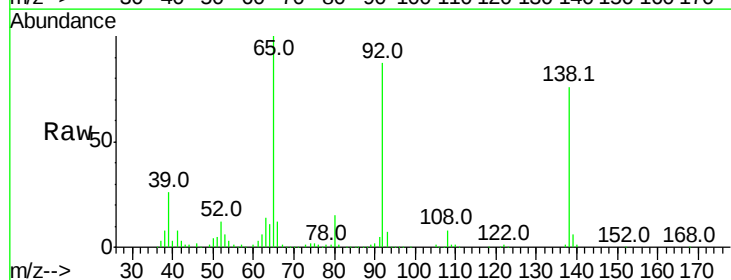
Tgt Ion:138 Resp: 121908

Ion Ratio Lower Upper

138 100

108 10.9 9.4 14.0

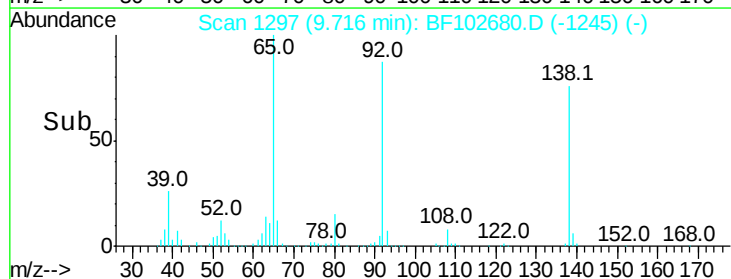
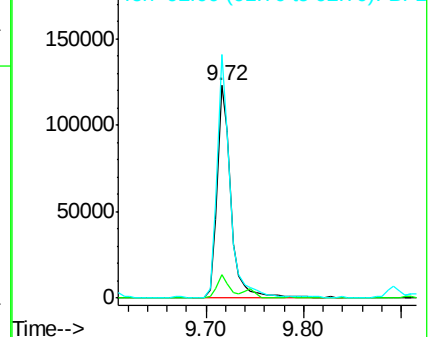
92 114.5 89.4 134.2

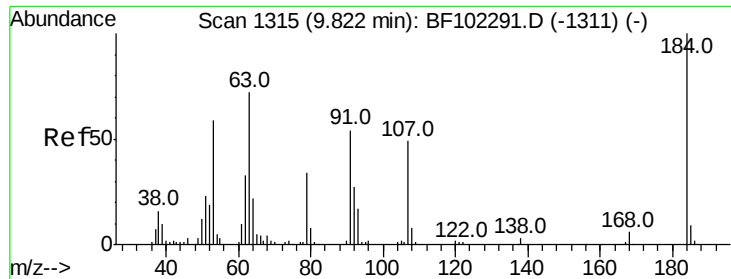


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

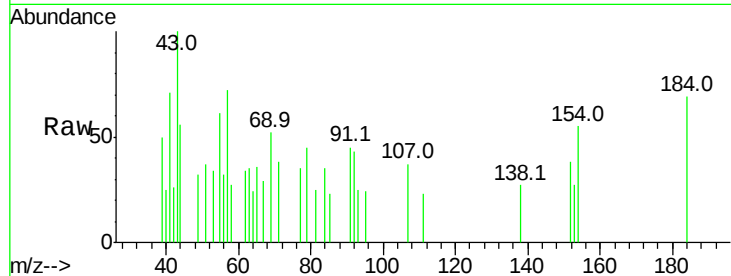




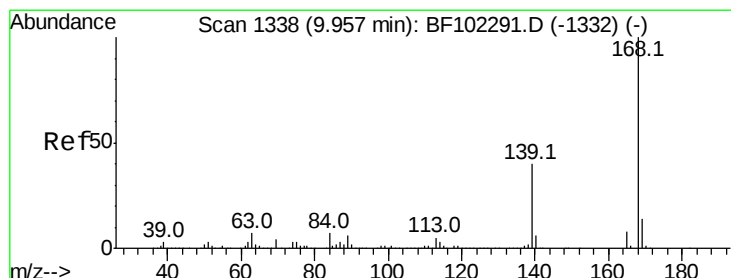
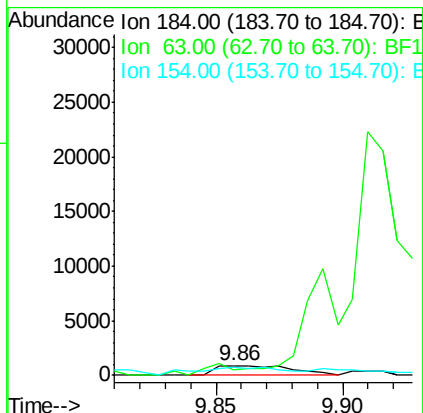
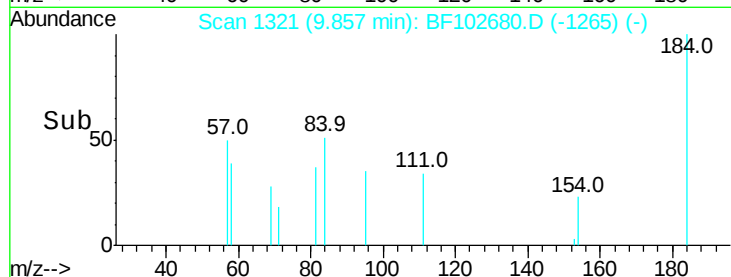
#53
 2,4-Dinitrophenol
 Concen: 4.770 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. 0.03 min
 Lab File: BF102680.D
 Acq: 1 Feb 2018 2:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 1912
 Ion Ratio Lower Upper
 184 100
 63 51.3 54.2 81.2#
 154 80.6 184.0 276.0#

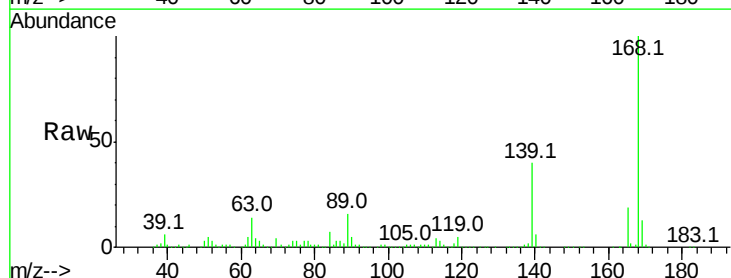


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

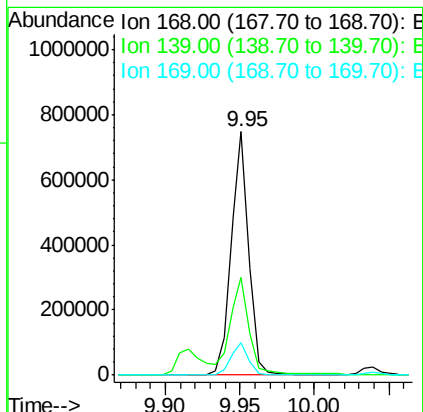
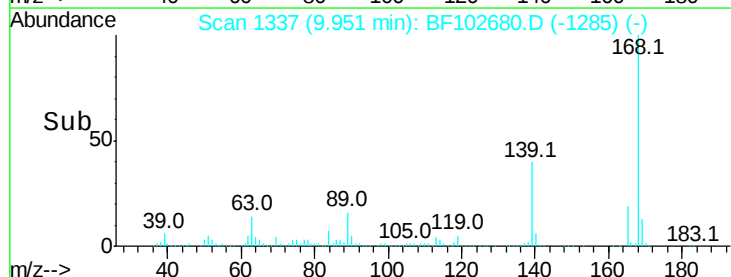


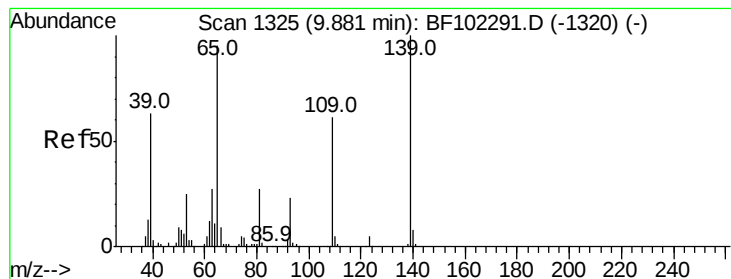
#54
 Dibenzofuran
 Concen: 34.263 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. 0.01 min
 Lab File: BF102680.D
 Acq: 1 Feb 2018 2:50

Tgt Ion:168 Resp: 622583
 Ion Ratio Lower Upper
 168 100
 139 40.1 30.1 45.1
 169 13.4 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: 34.127 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.02 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

Instrument :

BNA_F

ClientSampleId :

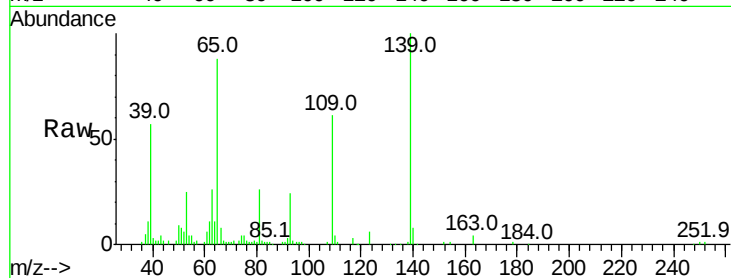
Tot Ion:139 Resp: 100829

Ion Ratio Lower Upper

139 100

109 61.2 48.4 88.4

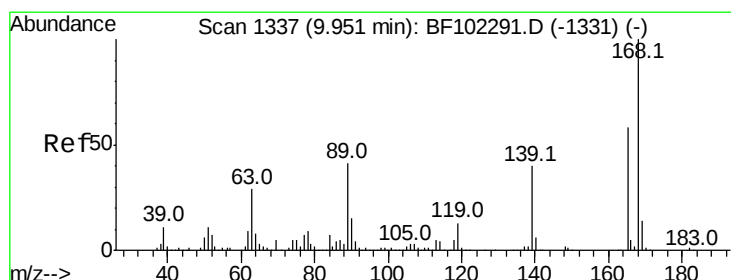
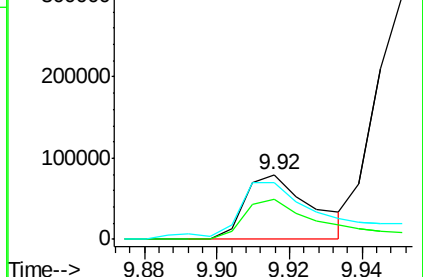
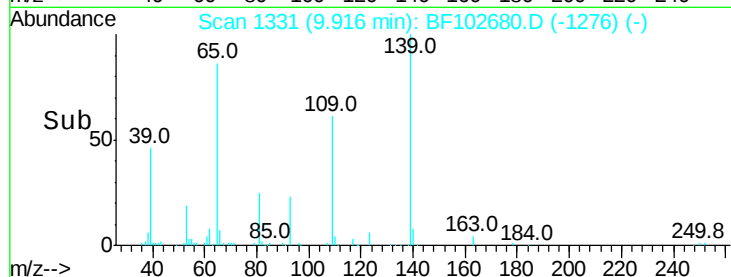
65 87.6 72.6 112.6



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: 28.355 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.00 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

Tgt Ion:165 Resp: 131925

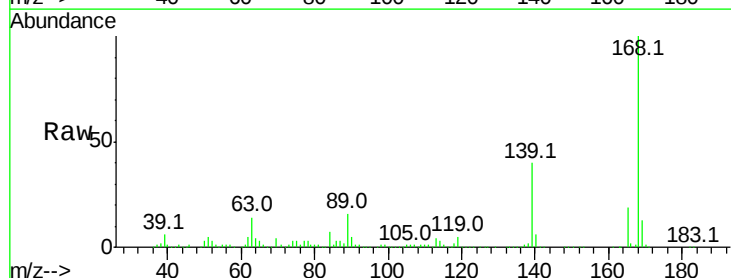
Ion Ratio Lower Upper

165 100

63 75.3 36.4 54.6#

89 84.2 57.8 86.6

182 2.1 1.6 2.4

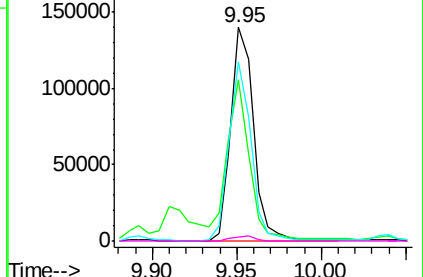
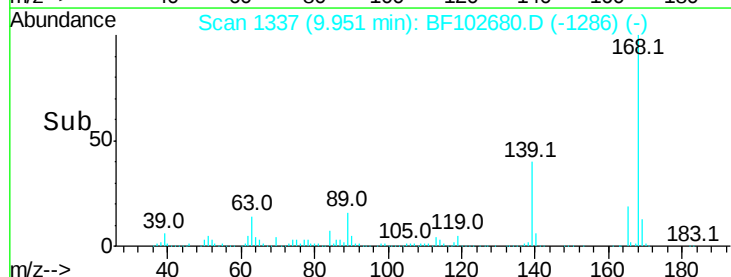


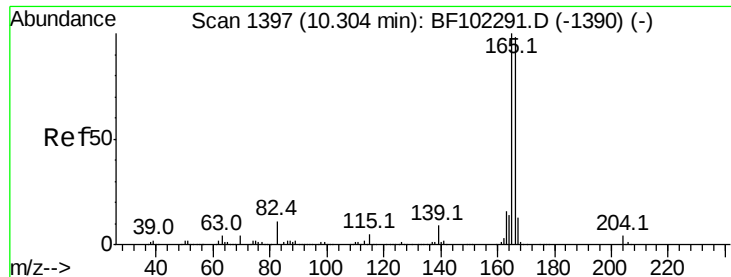
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 33.419 ng

RT: 10.29 min Scan# 1395

Delta R.T. 0.00 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

Instrument :

BNA_F

ClientSampleId :

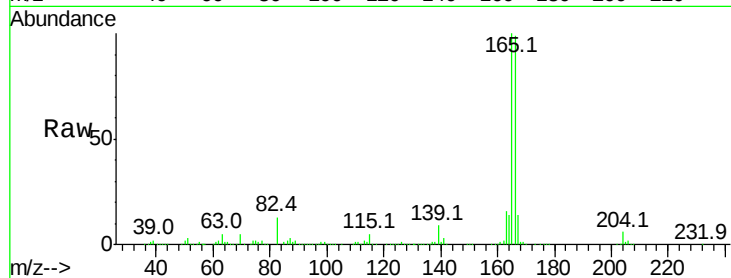
Tot Ion:166 Resp: 481171

Ion Ratio Lower Upper

166 100

165 101.1 79.8 119.8

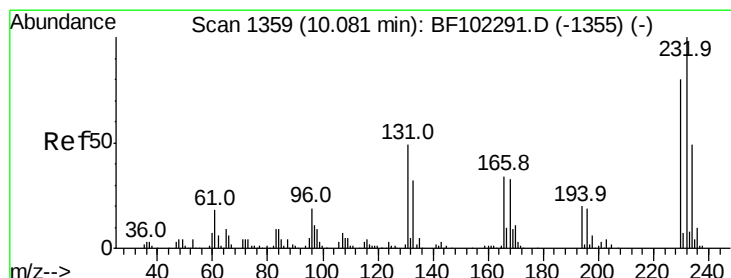
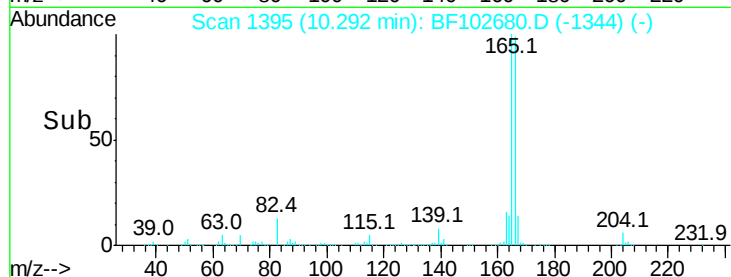
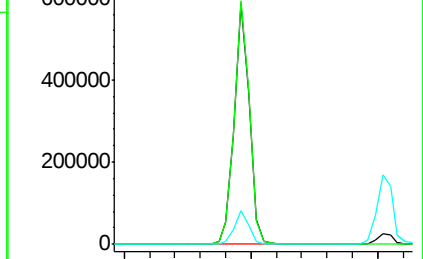
167 13.8 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 29.539 ng

RT: 10.08 min Scan# 1359

Delta R.T. 0.01 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

Tgt Ion:232 Resp: 101539

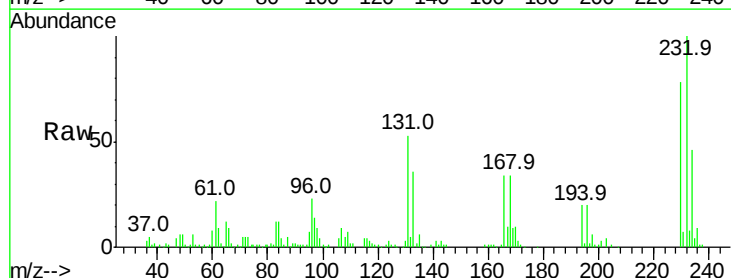
Ion Ratio Lower Upper

232 100

131 51.3 43.8 65.8

130 2.6 2.1 3.1

166 32.6 27.8 41.6

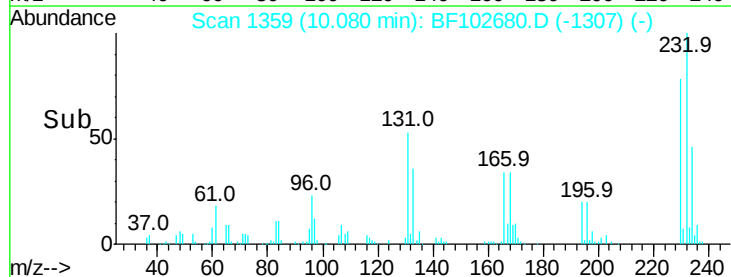
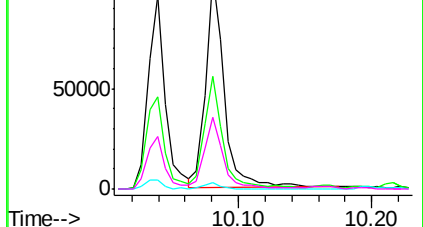


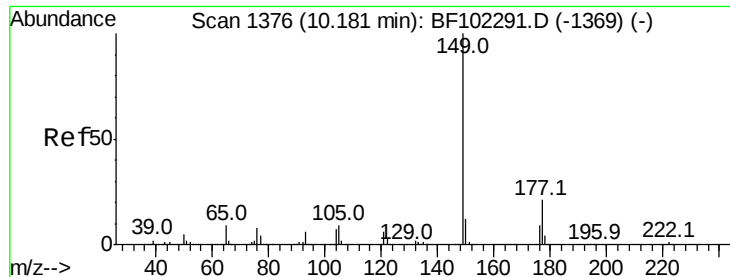
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

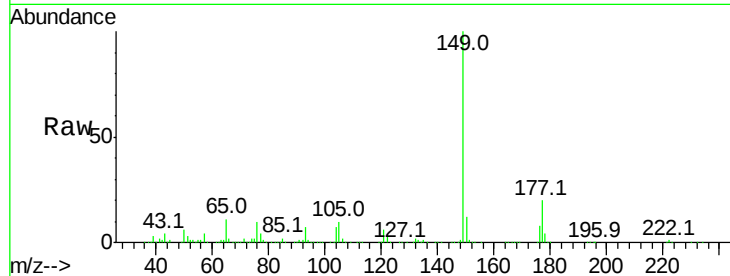




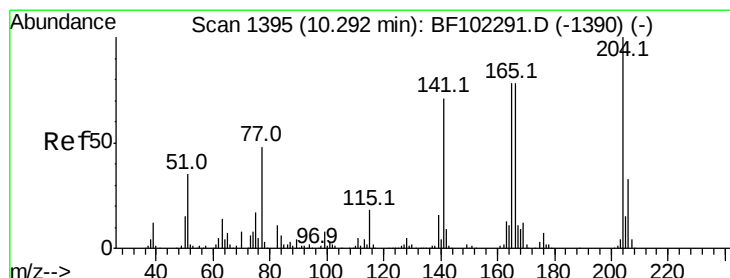
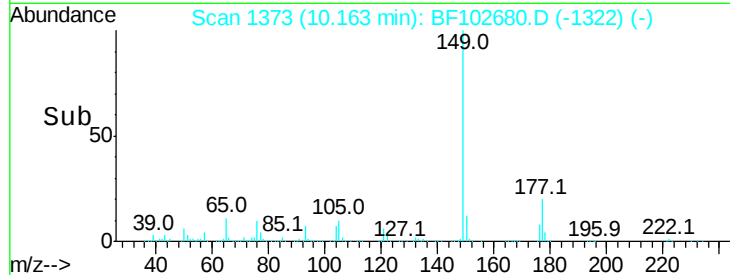
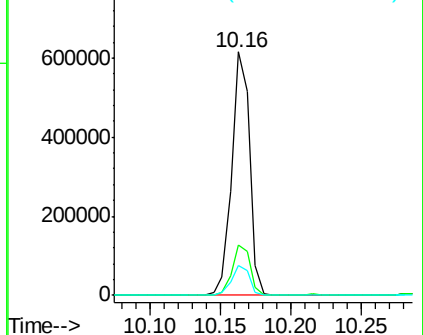
#59
Diethylphthalate
Concen: 31.777 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BF102680.D
Acq: 1 Feb 2018 2:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.5	16.1	24.1
150	12.2	10.1	15.1

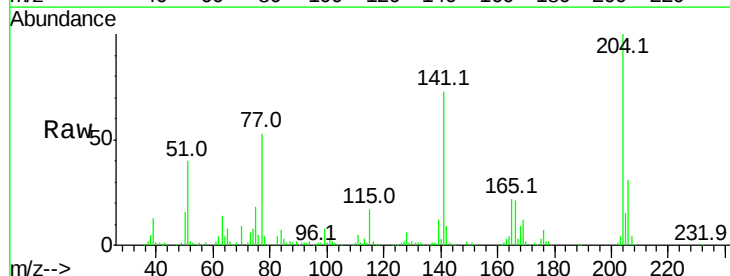


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

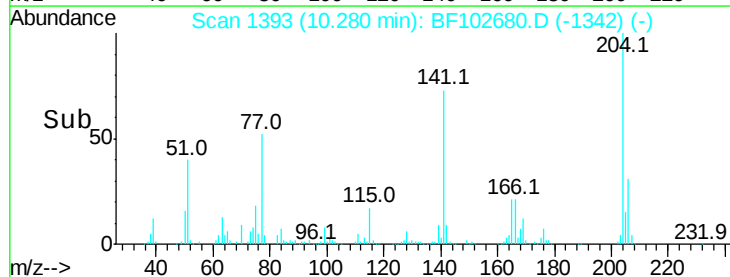
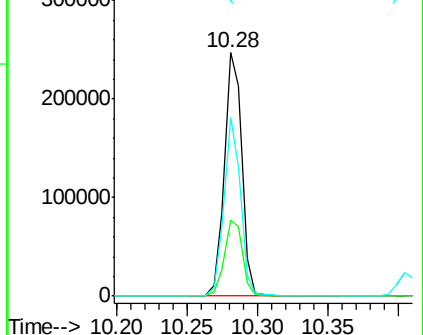


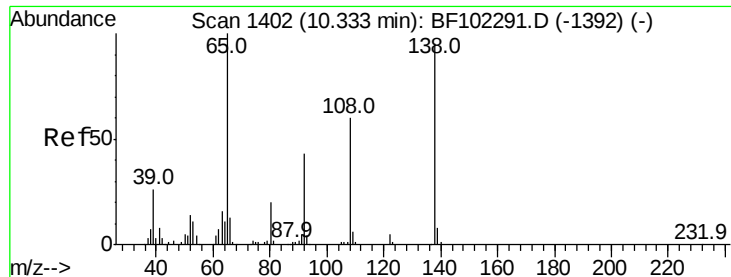
#60
4-Chlorophenyl-phenylether
Concen: 33.948 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BF102680.D
Acq: 1 Feb 2018 2:50

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.3	26.5	39.7
141	73.5	54.6	81.8



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





#61

4-Nitroaniline

Concen: 30.154 ng

RT: 10.33 min Scan# 1402

Delta R.T. 0.01 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

Instrument :

BNA_F

ClientSampled :

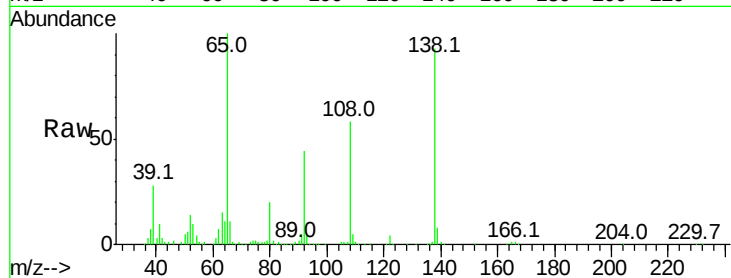
Tot Ion:138 Resp: 134675

Ion Ratio Lower Upper

138 100

92 47.7 30.2 70.2

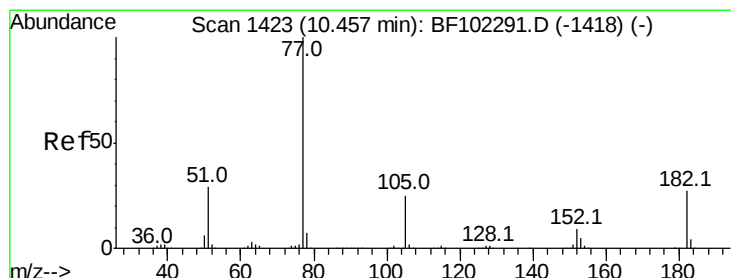
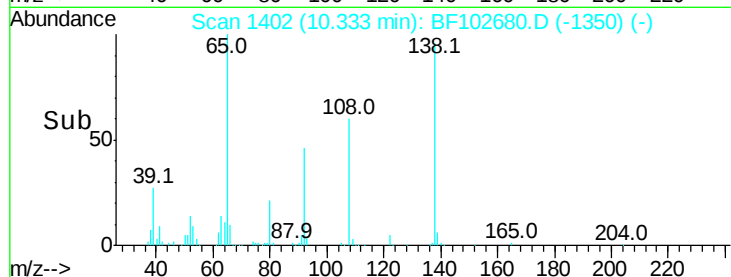
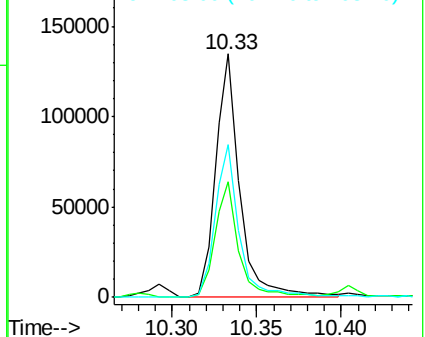
108 62.9 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 30.378 ng

RT: 10.45 min Scan# 1421

Delta R.T. 0.01 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

Tgt Ion: 77 Resp: 474295

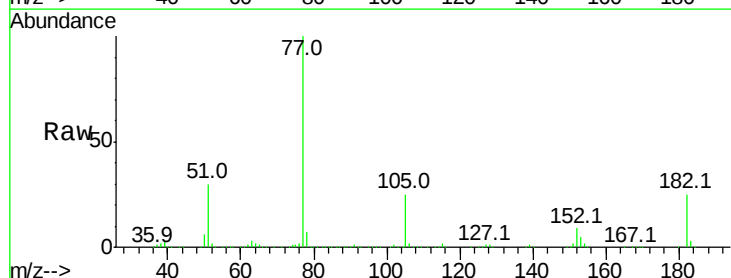
Ion Ratio Lower Upper

77 100

182 24.7 1.7 41.7

105 24.9 3.0 43.0

51 29.6 9.9 49.9

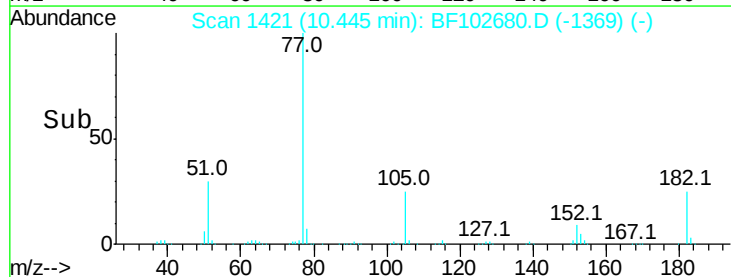
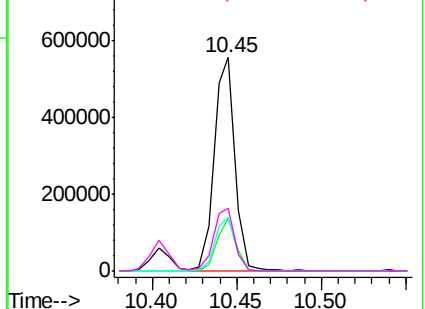


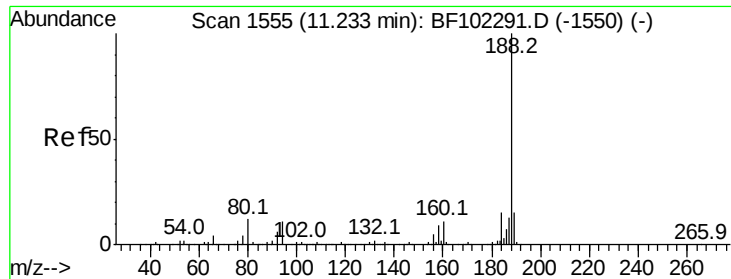
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

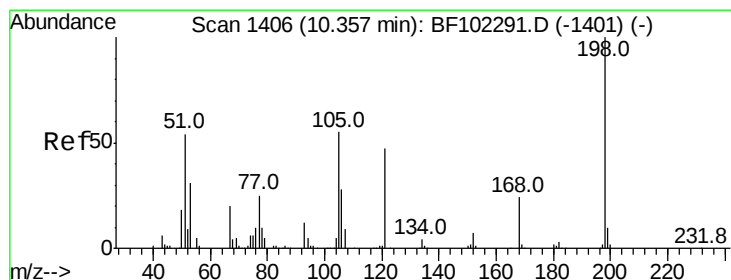
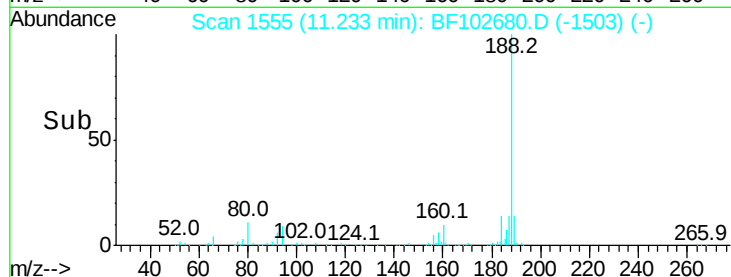
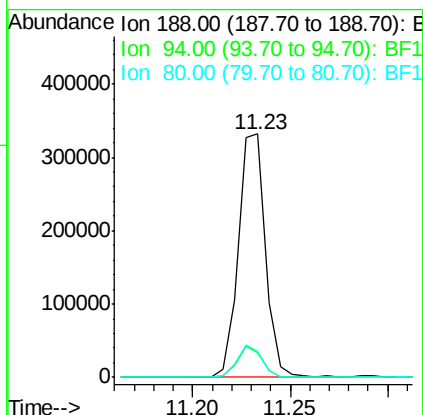
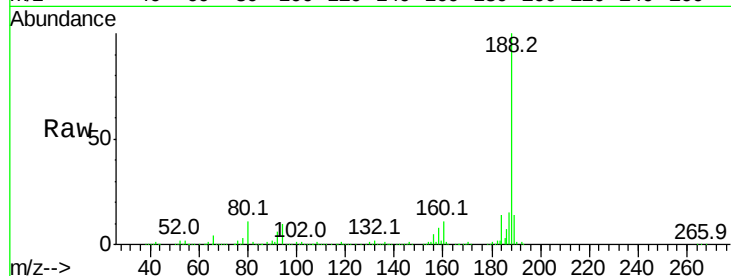




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. 0.01 min
Lab File: BF102680.D
Acq: 1 Feb 2018 2:50

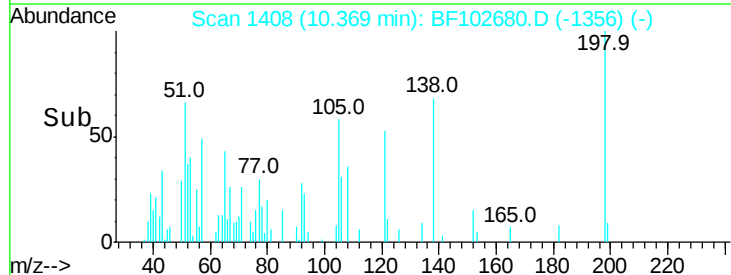
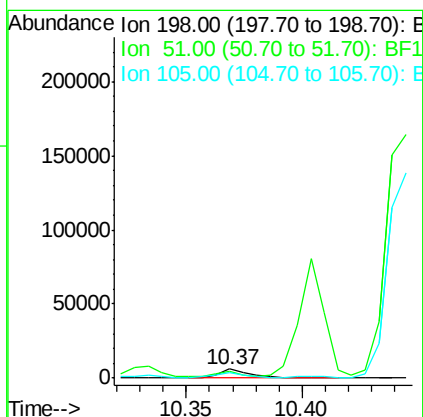
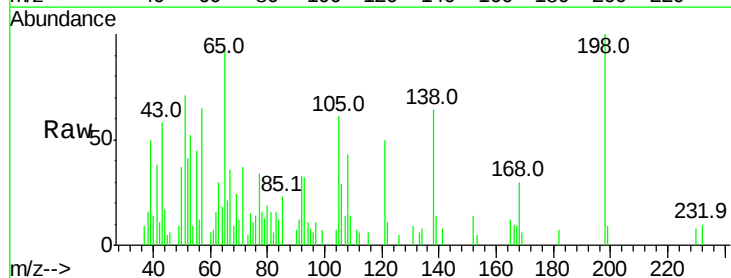
Instrument :
BNA_F
ClientSampleId :

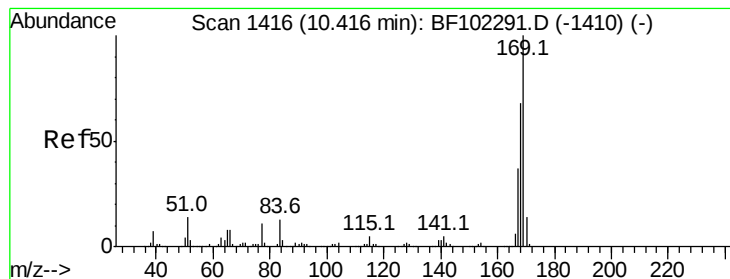
Tot Ion:188 Resp: 318704
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.8 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 2.676 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.01 min
Lab File: BF102680.D
Acq: 1 Feb 2018 2:50

Tgt Ion:198 Resp: 5689
Ion Ratio Lower Upper
198 100
51 70.9 37.7 77.7
105 61.5 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 35.190 ng

RT: 10.40 min Scan# 1414

Delta R.T. 0.00 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

Instrument :

BNA_F

ClientSampleId :

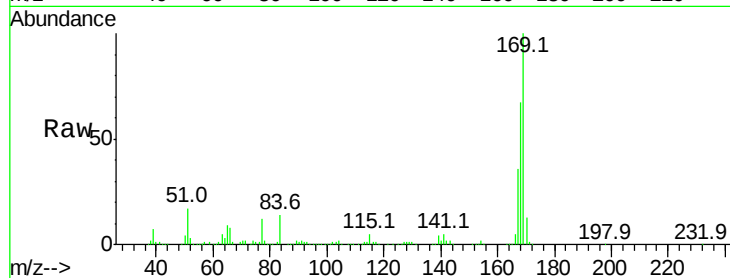
Tot Ion:169 Resp: 411642

Ion Ratio Lower Upper

169 100

168 67.2 54.4 81.6

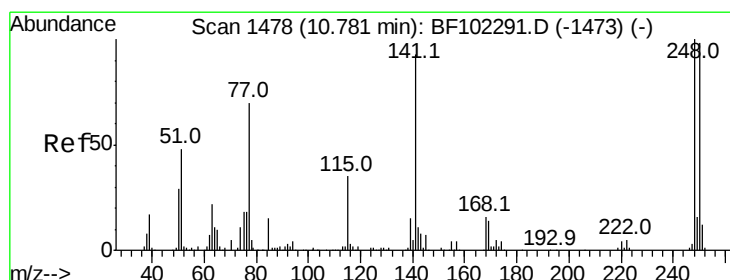
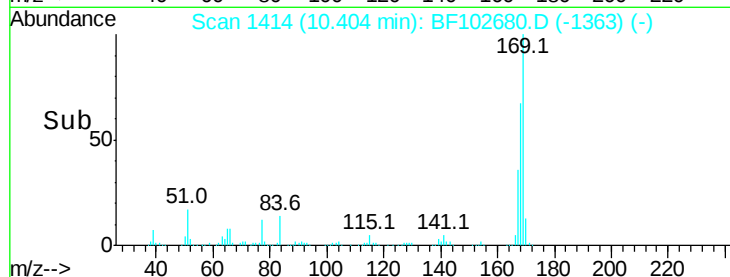
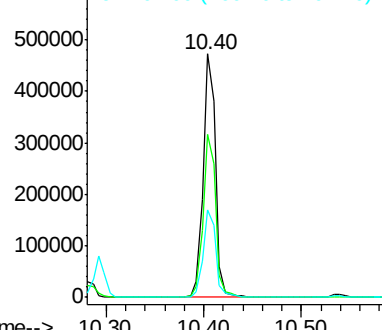
167 35.7 29.8 44.6



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: 35.012 ng

RT: 10.77 min Scan# 1477

Delta R.T. 0.01 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

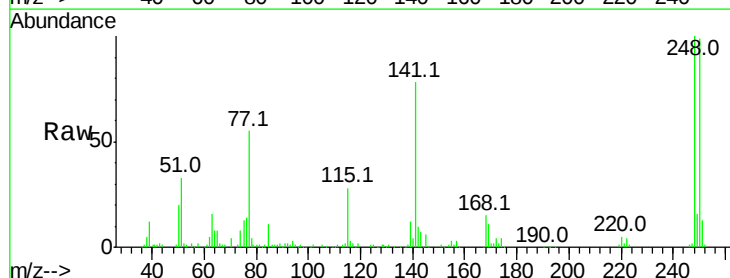
Tgt Ion:248 Resp: 120120

Ion Ratio Lower Upper

248 100

250 99.3 76.9 115.3

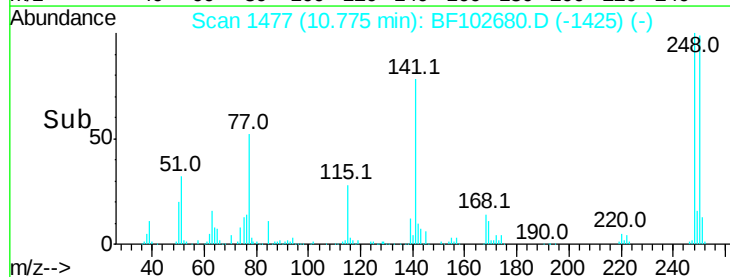
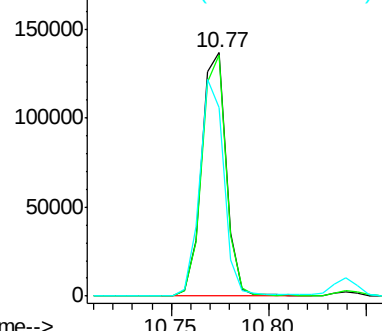
141 77.6 74.4 111.6

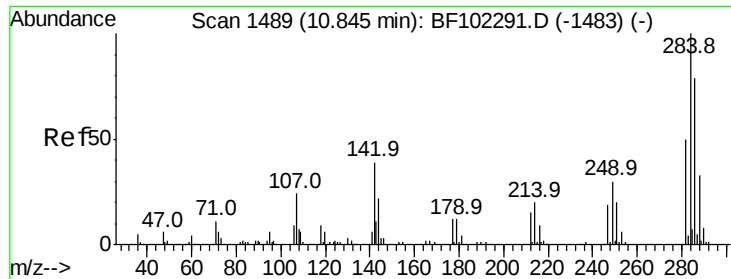


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

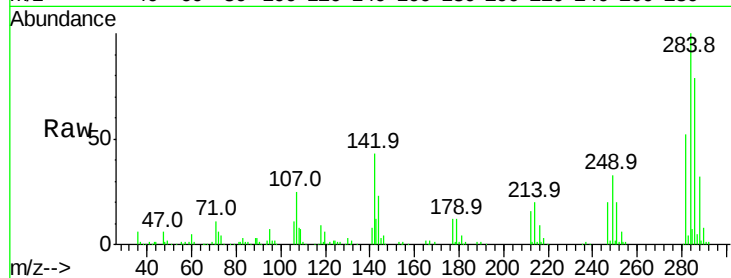




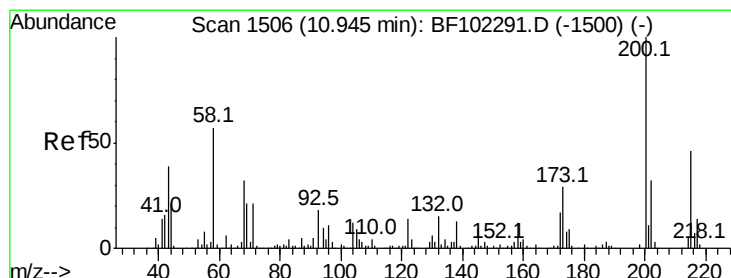
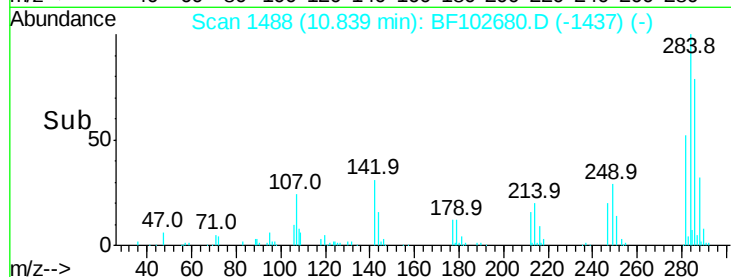
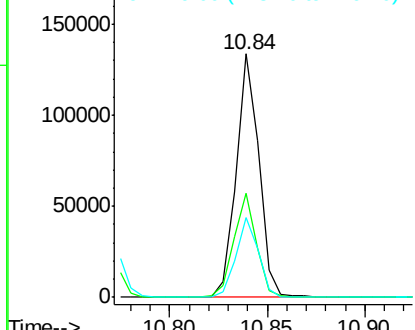
#67
Hexachlorobenzene
Concen: 28.140 ng
RT: 10.84 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BF102680.D
Acq: 1 Feb 2018 2:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 107973
Ion Ratio Lower Upper
284 100
142 42.9 34.6 52.0
249 32.6 24.8 37.2

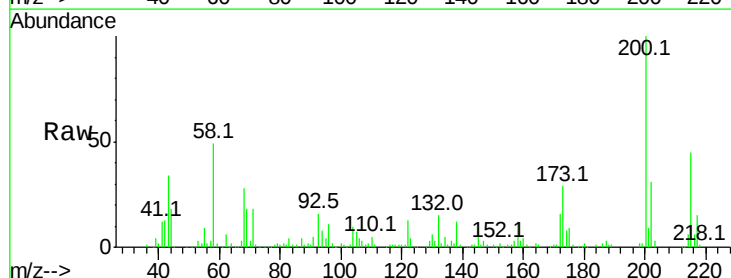


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

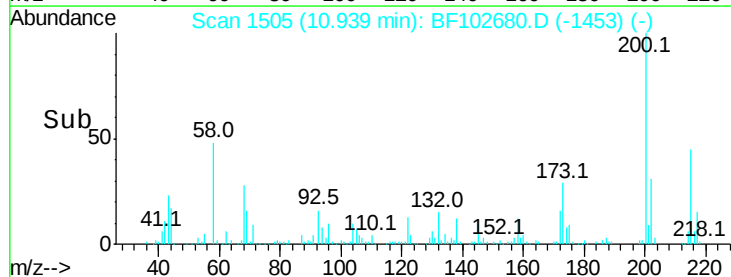
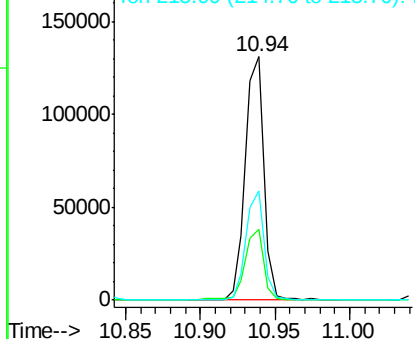


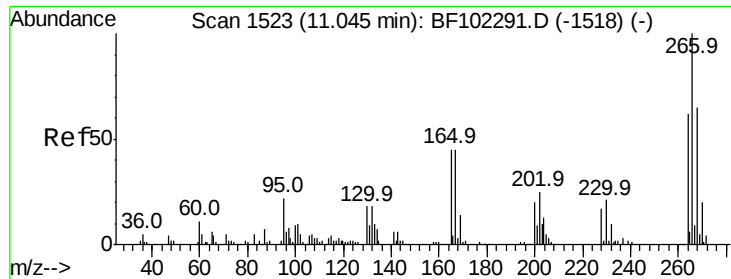
#68
Atrazine
Concen: 32.938 ng
RT: 10.94 min Scan# 1505
Delta R.T. 0.01 min
Lab File: BF102680.D
Acq: 1 Feb 2018 2:50

Tgt Ion:200 Resp: 113796
Ion Ratio Lower Upper
200 100
173 29.2 8.6 48.6
215 45.1 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

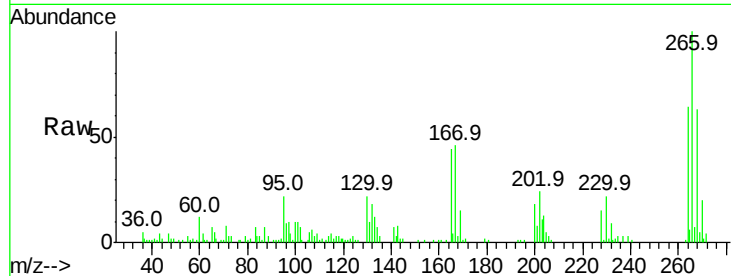




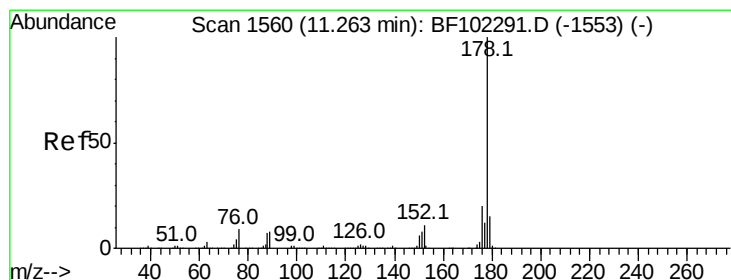
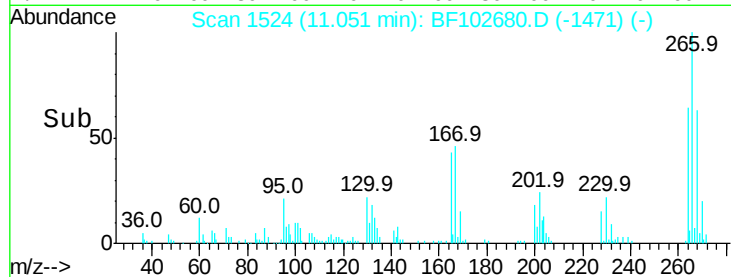
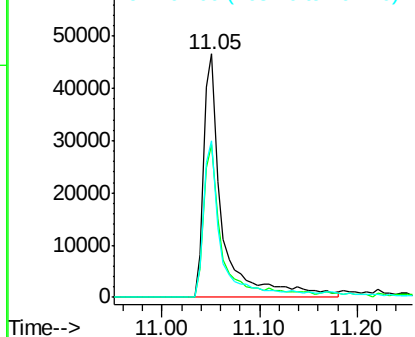
#69
 Pentachlorophenol
 Concen: 30.934 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. 0.01 min
 Lab File: BF102680.D
 Acq: 1 Feb 2018 2:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 62351
 Ion Ratio Lower Upper
 266 100
 268 62.9 51.1 76.7
 264 64.1 49.5 74.3

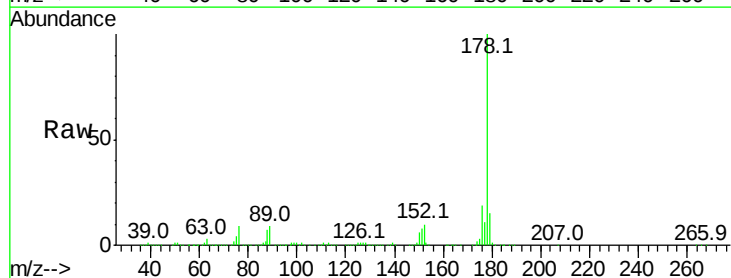


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

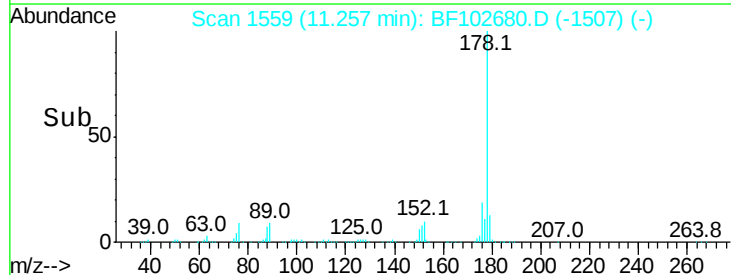
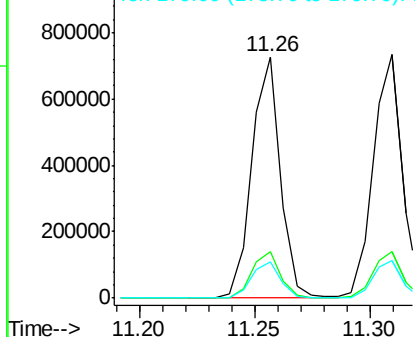


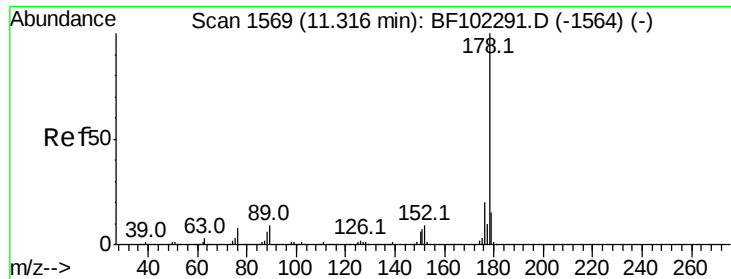
#70
 Phenanthrene
 Concen: 33.716 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. 0.01 min
 Lab File: BF102680.D
 Acq: 1 Feb 2018 2:50

Tgt Ion:178 Resp: 626155
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.8 23.8
 179 14.9 13.0 19.6



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

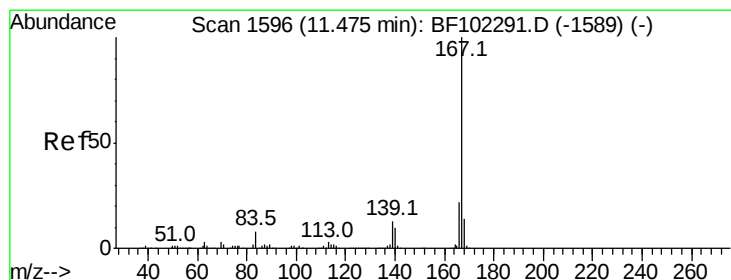
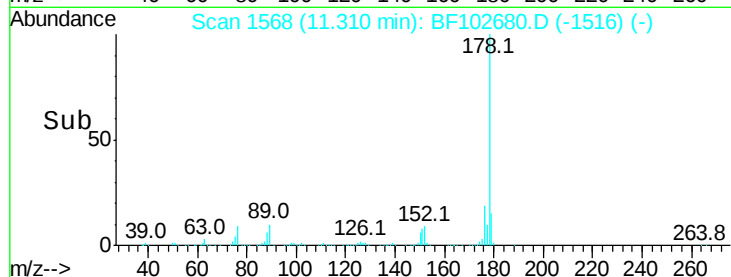
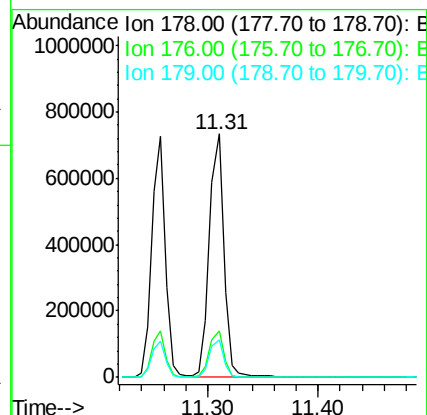
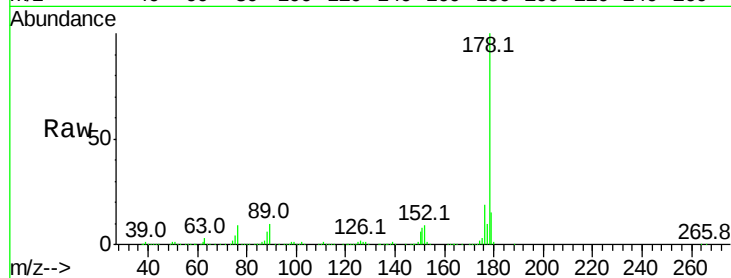




#71
 Anthracene
 Concen: 34.279 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. 0.01 min
 Lab File: BF102680.D
 Acq: 1 Feb 2018 2:50

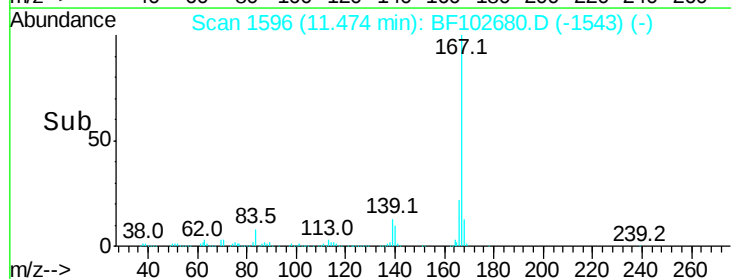
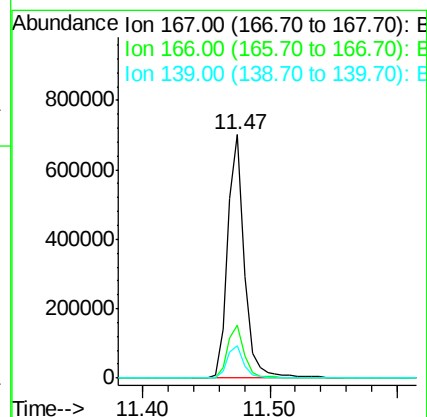
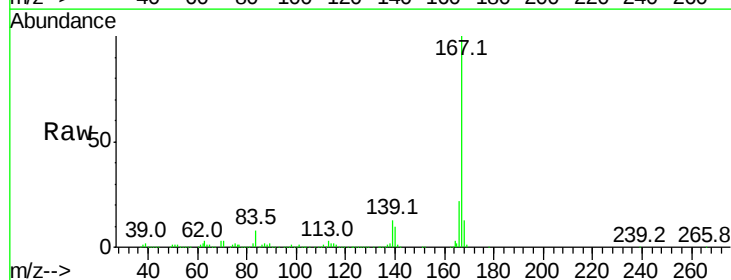
Instrument :
 BNA_F
 ClientSampleId :

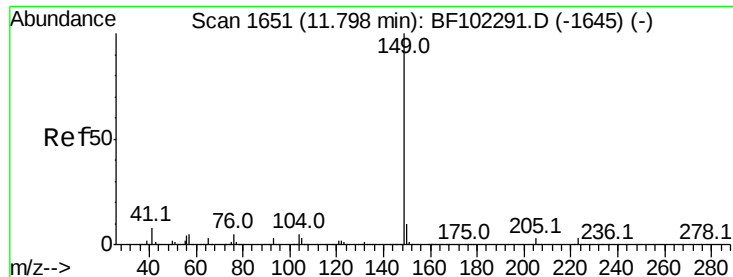
Tot Ion:178 Resp: 649791
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 34.979 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. 0.01 min
 Lab File: BF102680.D
 Acq: 1 Feb 2018 2:50

Tgt Ion:167 Resp: 646864
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 13.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 33.757 ng

RT: 11.79 min Scan# 1649

Delta R.T. 0.01 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

Instrument :

BNA_F

ClientSampleId :

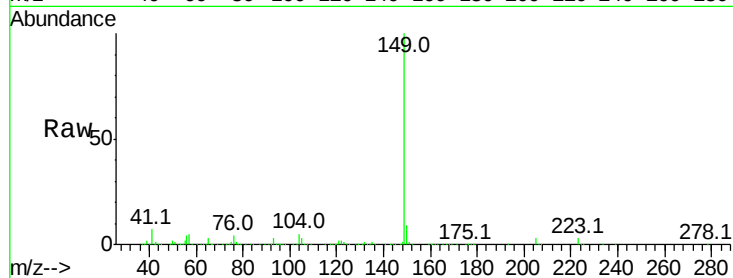
Tot Ion:149 Resp: 780326

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

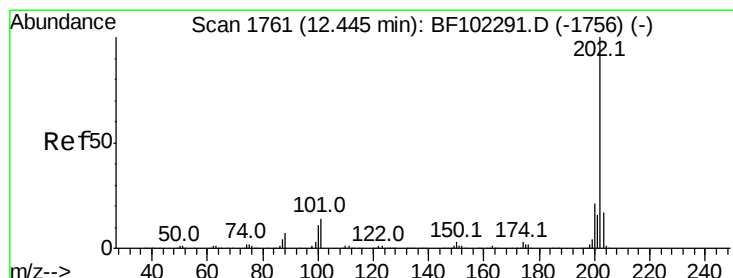
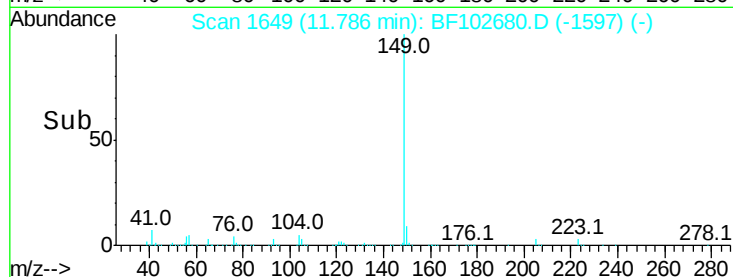
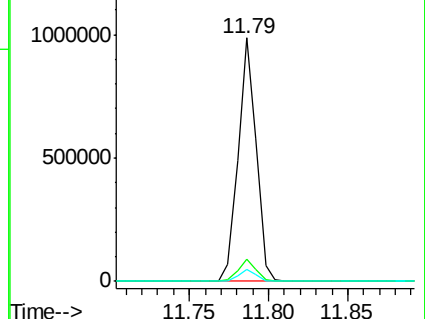
104 4.8 3.8 5.8



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: 36.033 ng

RT: 12.44 min Scan# 1761

Delta R.T. 0.01 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

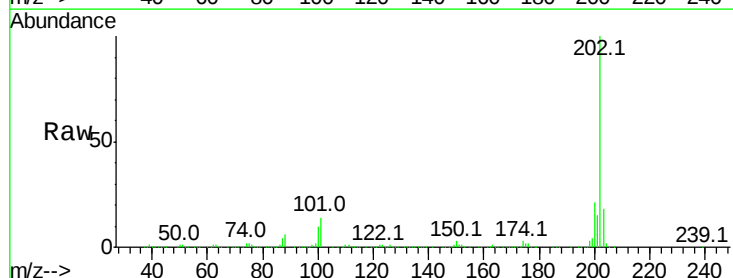
Tgt Ion:202 Resp: 682414

Ion Ratio Lower Upper

202 100

101 14.3 0.0 34.1

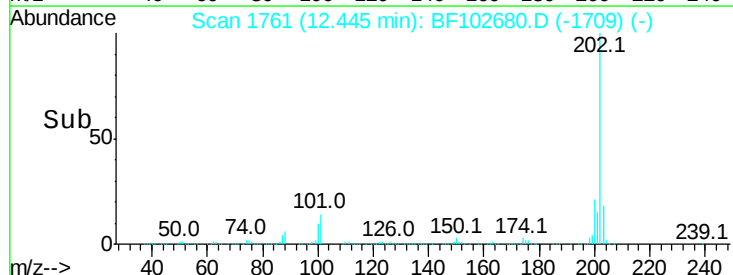
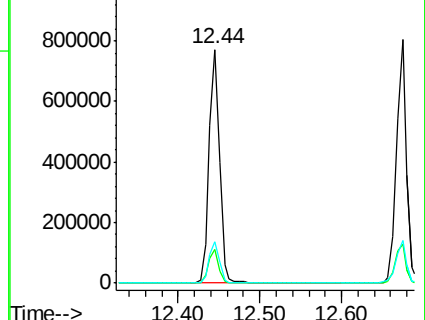
203 17.6 0.0 38.1

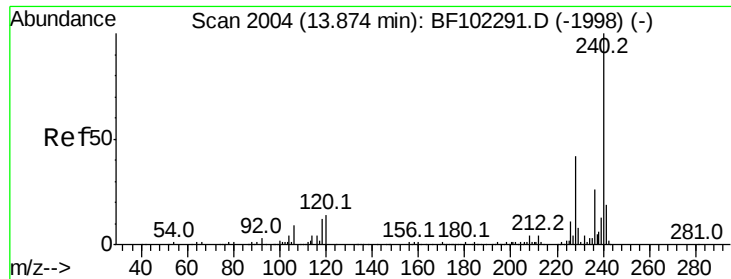


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.87 min Scan# 2004

Delta R.T. 0.01 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

Instrument :

BNA_F

ClientSampleId :

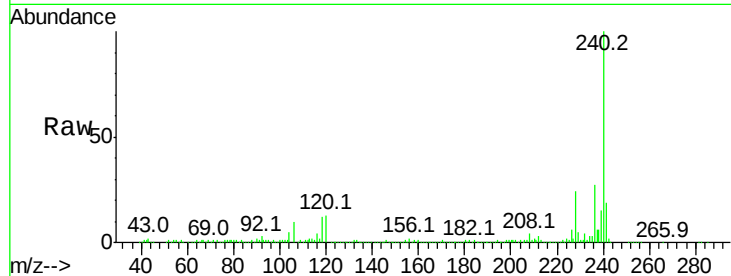
Tot Ion:240 Resp: 268568

Ion Ratio Lower Upper

240 100

120 13.0 9.5 14.3

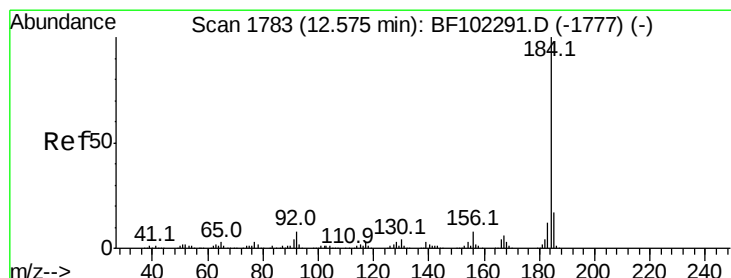
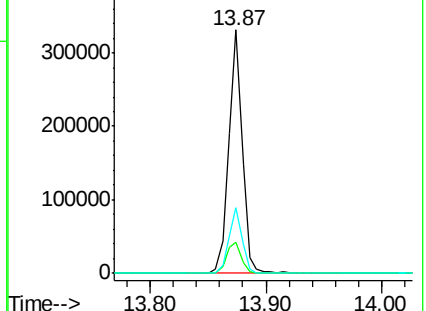
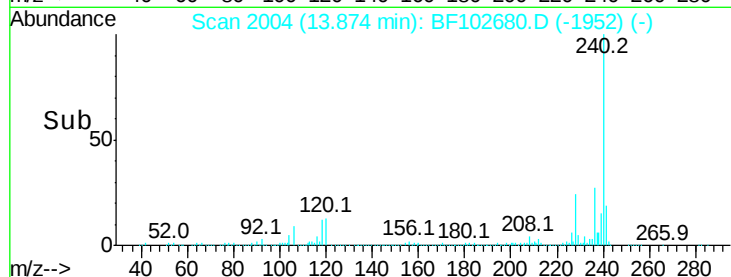
236 27.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 37.874 ng

RT: 12.57 min Scan# 1783

Delta R.T. 0.01 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

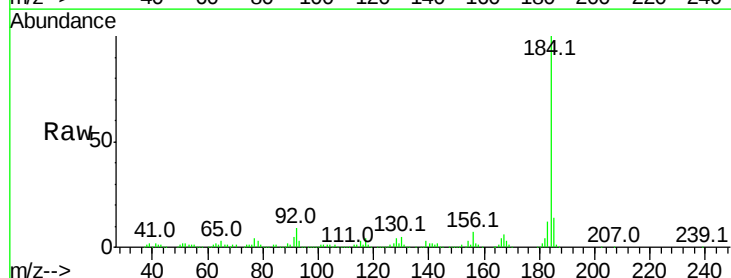
Tgt Ion:184 Resp: 341701

Ion Ratio Lower Upper

184 100

185 14.3 12.6 18.8

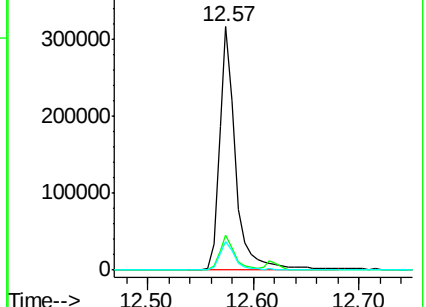
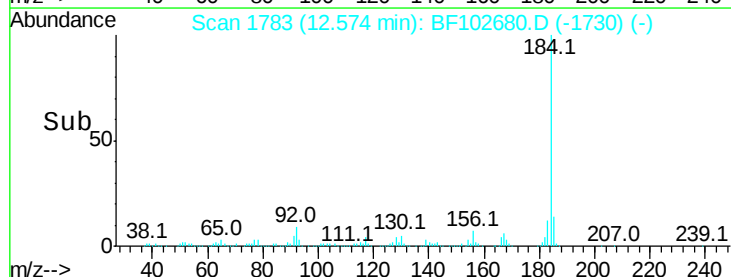
183 11.6 9.3 13.9

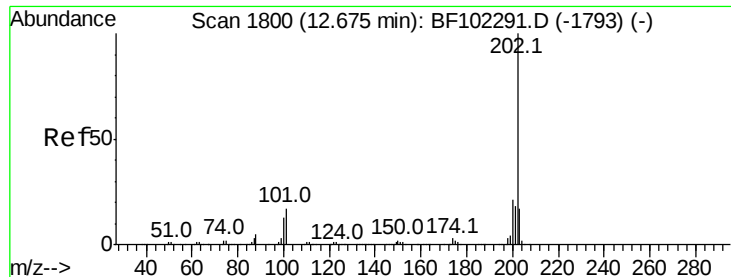


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 33.492 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

Instrument :

BNA_F

ClientSampleId :

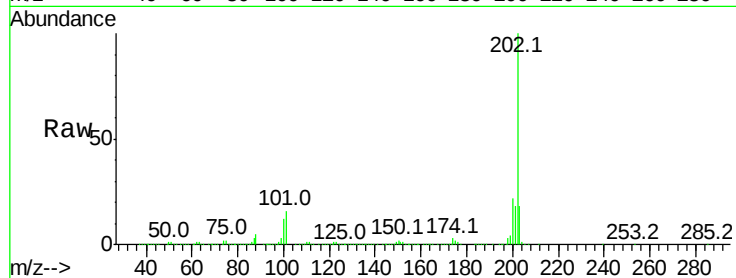
Tot Ion:202 Resp: 695449

Ion Ratio Lower Upper

202 100

200 21.9 17.4 26.2

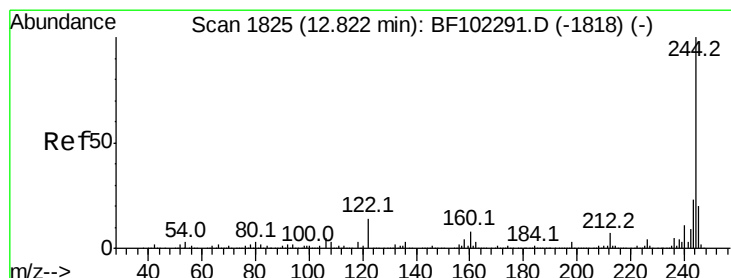
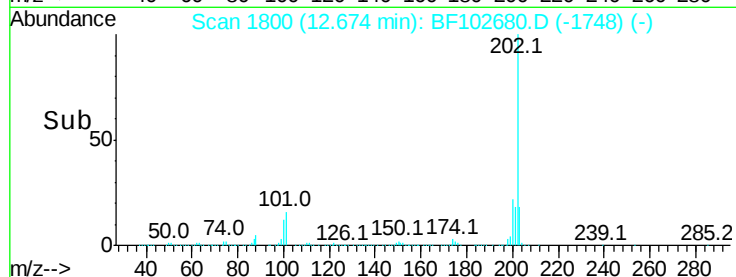
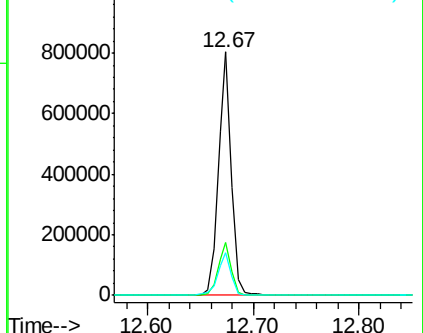
203 17.7 14.3 21.5



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: 70.578 ng

RT: 12.82 min Scan# 1824

Delta R.T. 0.01 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

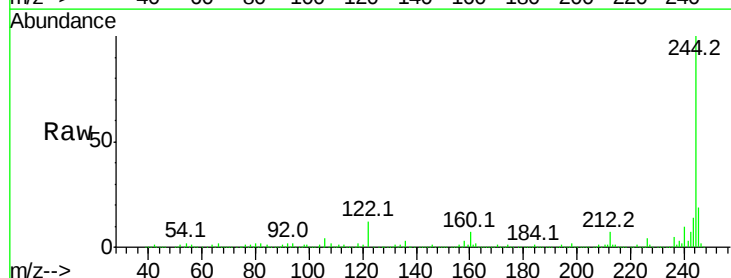
Tgt Ion:244 Resp: 840814

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

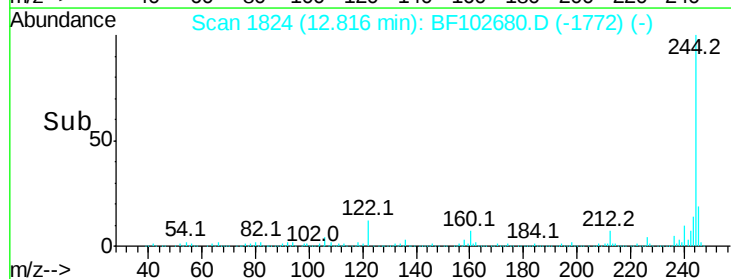
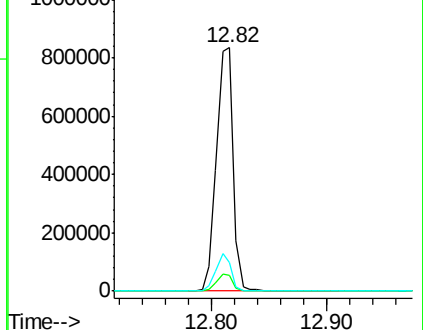
122 11.6 11.0 16.4

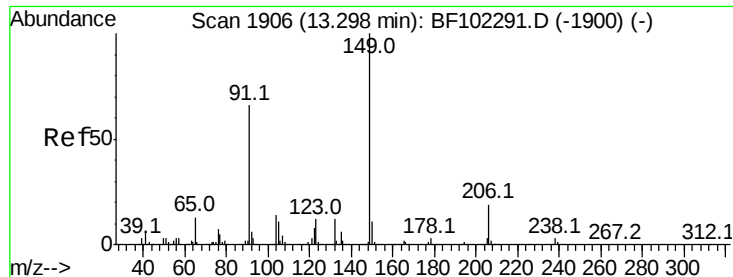


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

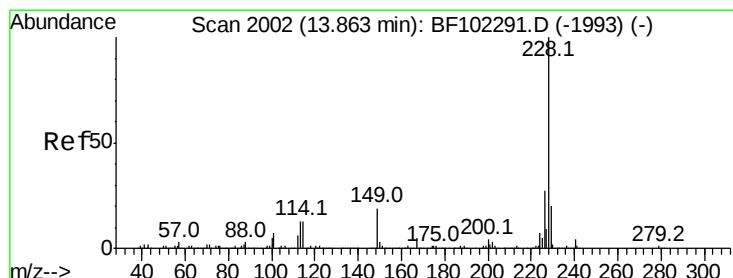
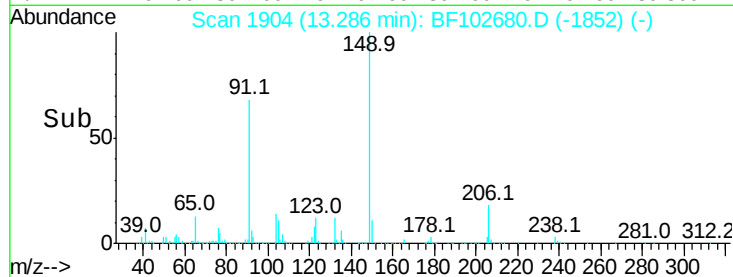
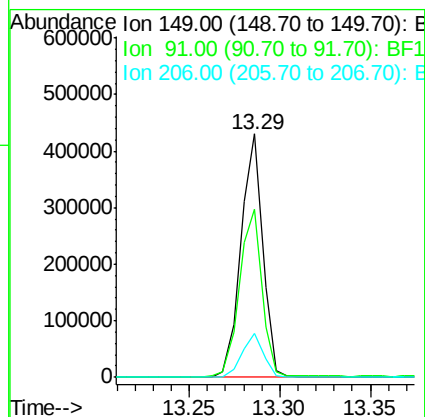
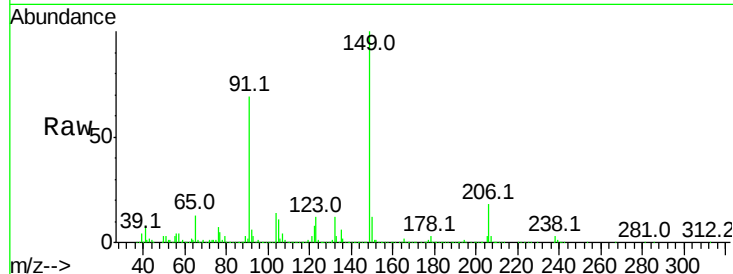




#79
Butylbenzylphthalate
Concen: 34.822 ng
RT: 13.29 min Scan# 1904
Delta R.T. 0.01 min
Lab File: BF102680.D
Acq: 1 Feb 2018 2:50

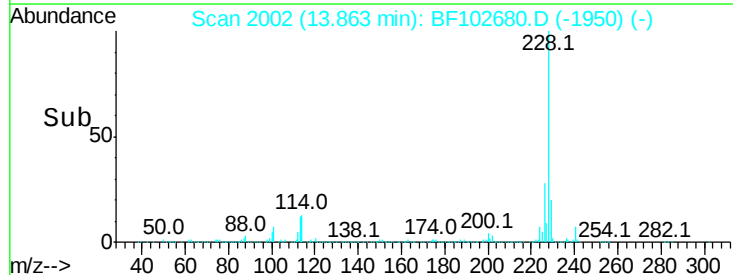
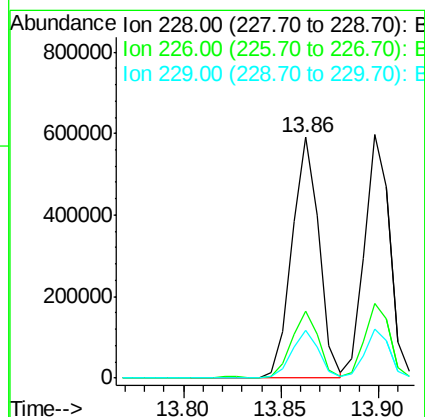
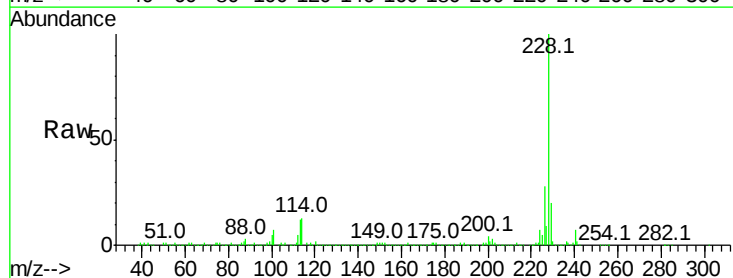
Instrument :
BNA_F
ClientSampled :

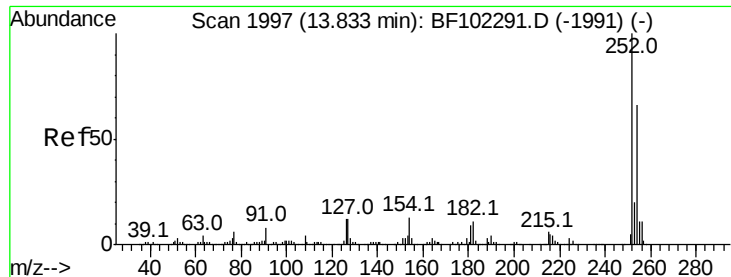
Tot Ion	Ratio	Lower	Upper
149	100		
91	68.8	56.8	85.2
206	18.3	14.1	21.1



#80
Benzo(a)anthracene
Concen: 34.174 ng
RT: 13.86 min Scan# 2002
Delta R.T. 0.01 min
Lab File: BF102680.D
Acq: 1 Feb 2018 2:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	19.7	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 29.339 ng

RT: 13.83 min Scan# 1996

Delta R.T. 0.01 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

Instrument :

BNA_F

ClientSampleId :

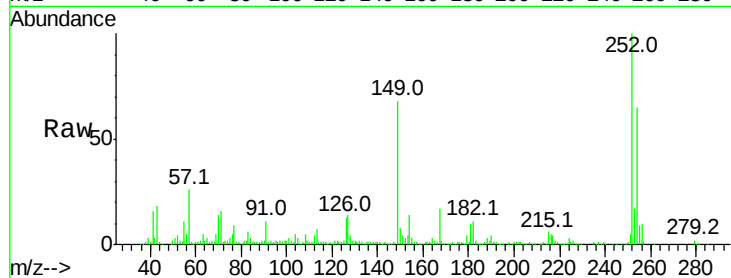
Tot Ion:252 Resp: 177958

Ion Ratio Lower Upper

252 100

254 65.4 50.4 75.6

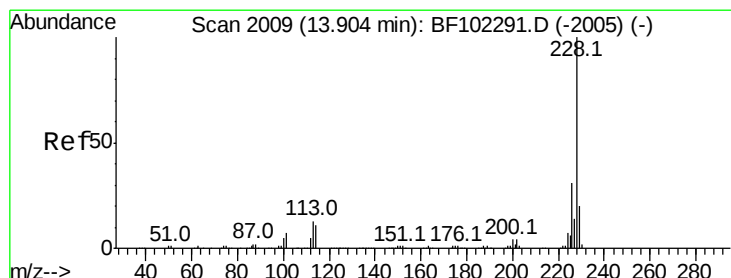
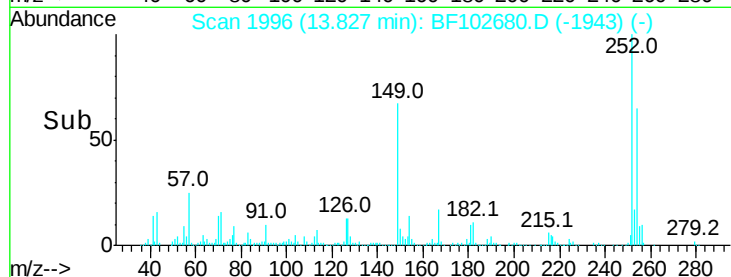
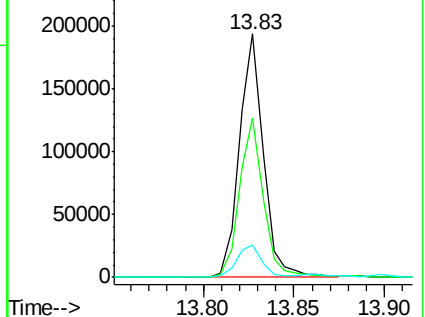
126 13.5 11.3 16.9



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: 32.325 ng

RT: 13.90 min Scan# 2008

Delta R.T. 0.01 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

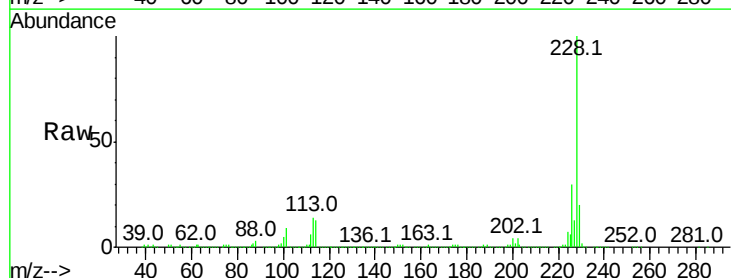
Tgt Ion:228 Resp: 542763

Ion Ratio Lower Upper

228 100

226 30.5 25.0 37.6

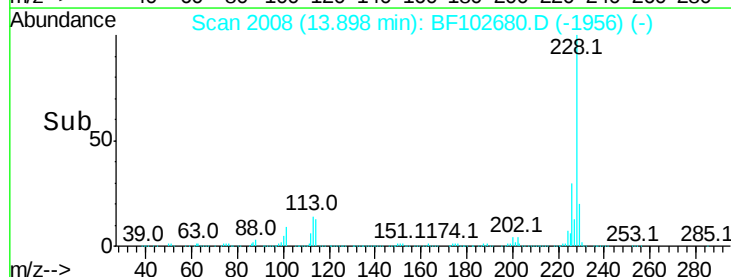
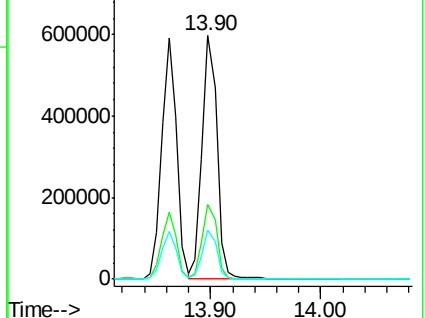
229 20.2 16.2 24.4

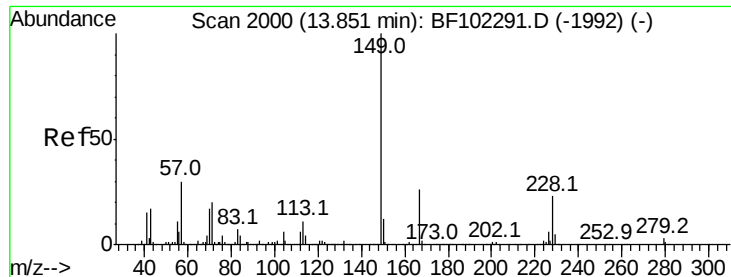


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 32.156 ng

RT: 13.84 min Scan# 1998

Delta R.T. 0.01 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

Instrument :

BNA_F

ClientSampleId :

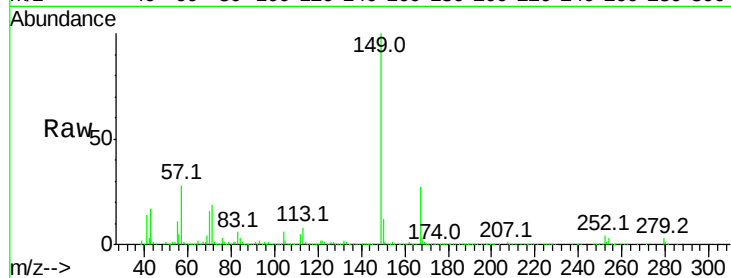
Tot Ion:149 Resp: 446556

Ion Ratio Lower Upper

149 100

167 27.0 21.3 31.9

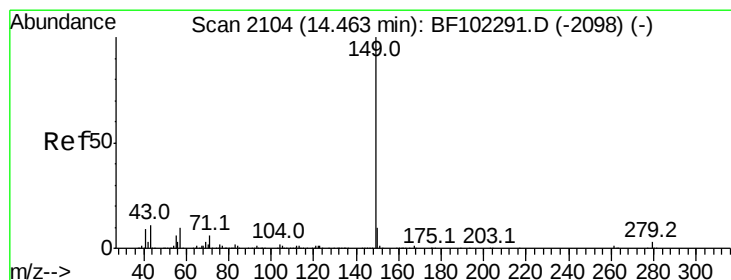
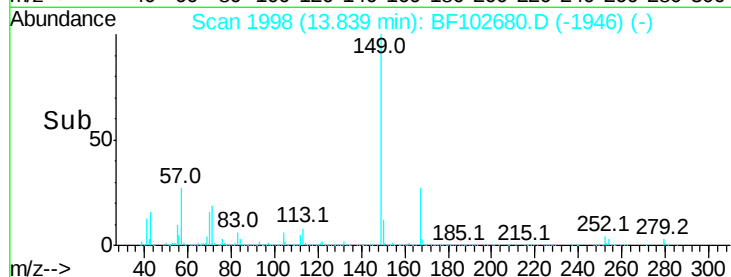
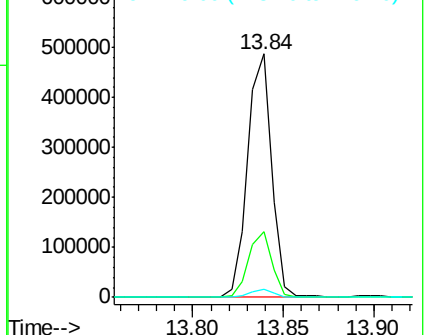
279 3.3 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 35.341 ng

RT: 14.45 min Scan# 2102

Delta R.T. 0.01 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

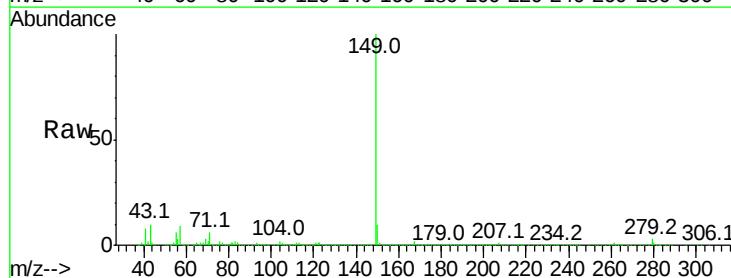
Tgt Ion:149 Resp: 798144

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

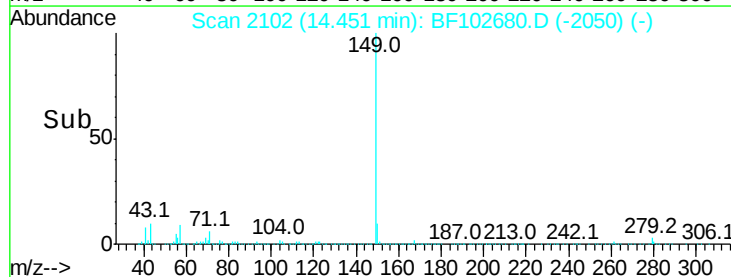
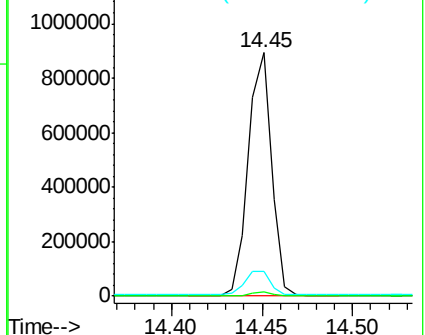
43 10.5 8.4 12.6

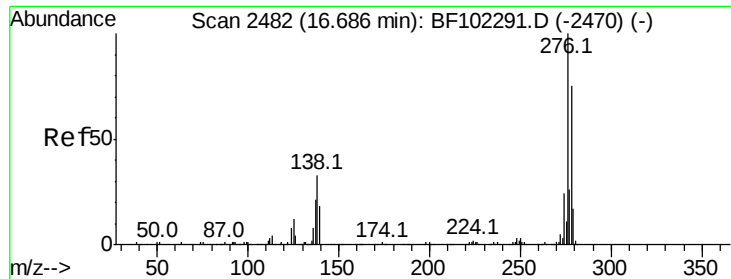


Abundance Ion 149.00 (148.70 to 149.70): E

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: 24.527 ng

RT: 16.71 min Scan# 2486

Delta R.T. 0.02 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

Instrument :

BNA_F

ClientSampleId :

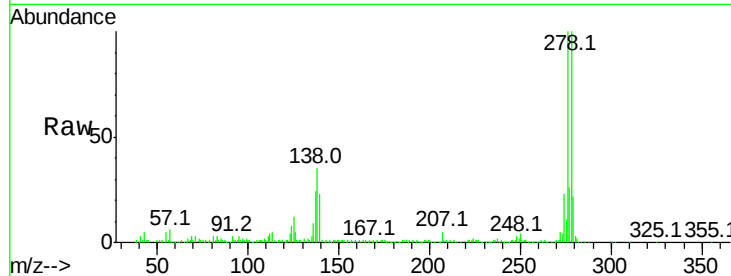
Tot Ion:276 Resp: 340116

Ion Ratio Lower Upper

276 100

138 34.6 25.0 37.6

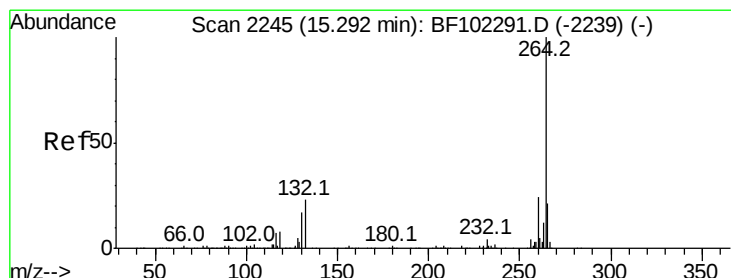
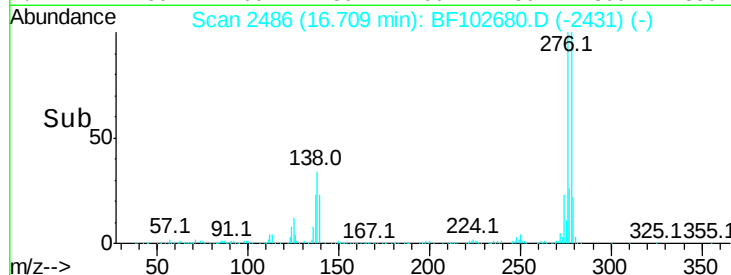
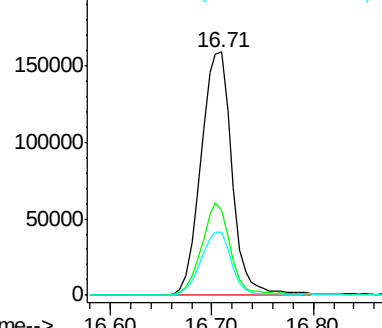
277 25.9 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.30 min Scan# 2246

Delta R.T. 0.01 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

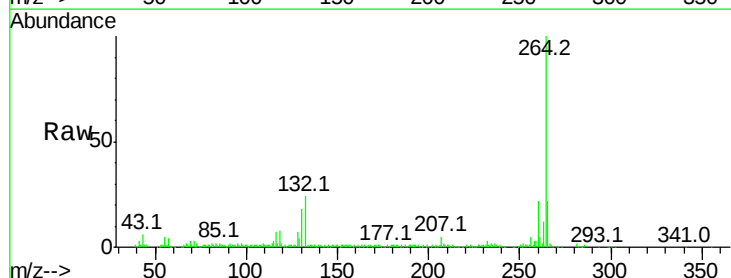
Tgt Ion:264 Resp: 193380

Ion Ratio Lower Upper

264 100

260 22.2 19.2 28.8

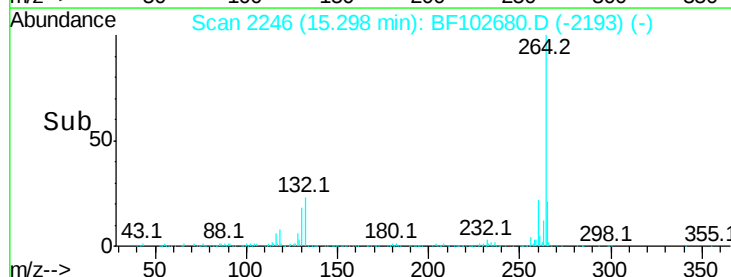
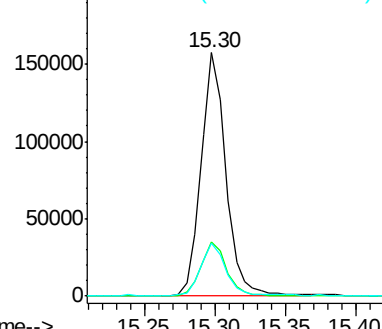
265 21.6 17.5 26.3

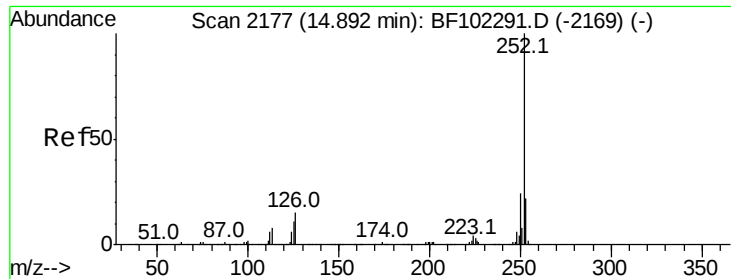


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

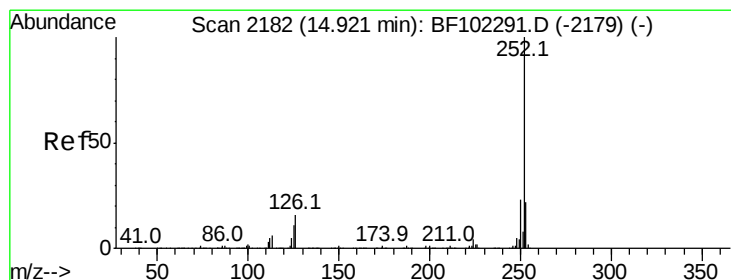
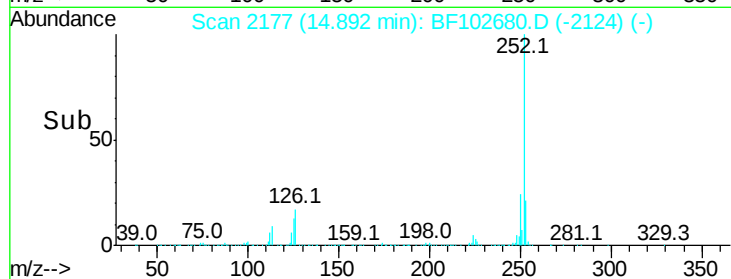
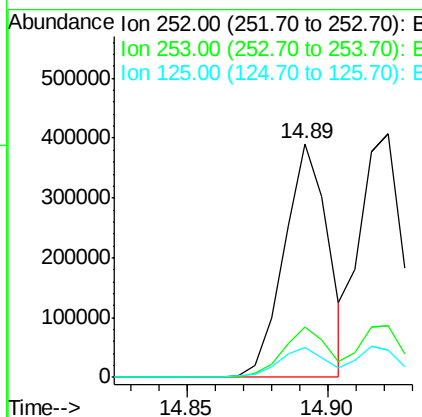
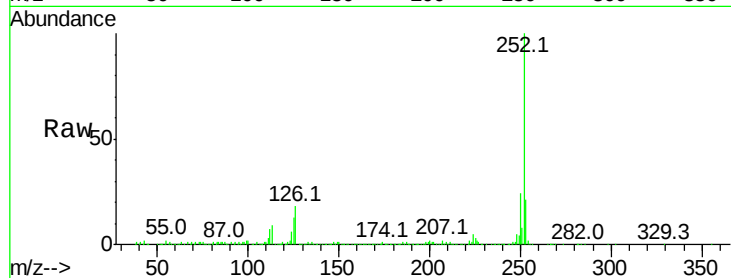




#87
Benzo(b)fluoranthene
Concen: 33.668 ng
RT: 14.89 min Scan# 2177
Delta R.T. 0.01 min
Lab File: BF102680.D
Acq: 1 Feb 2018 2:50

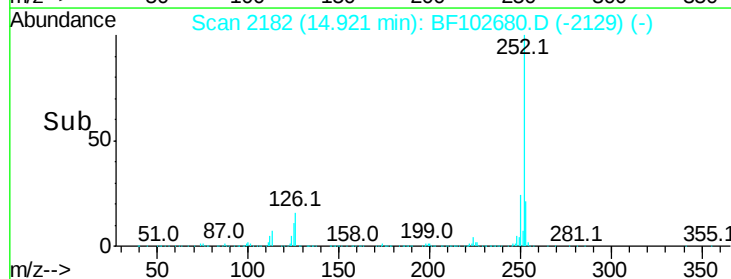
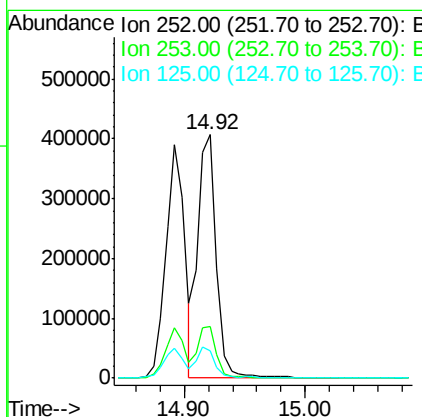
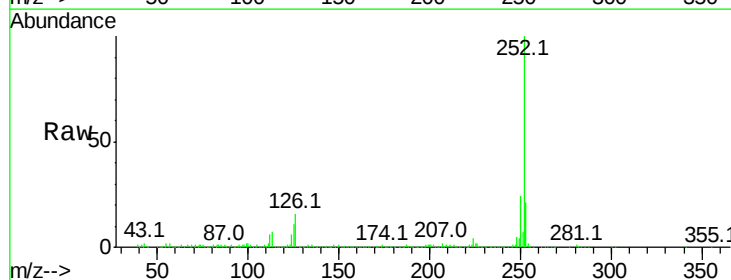
Instrument :
BNA_F
ClientSampleId :

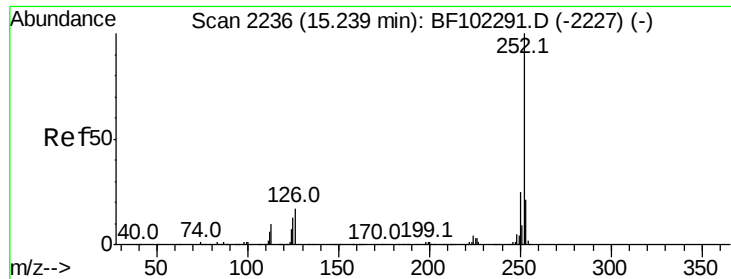
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.0	25.6
125	12.9	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 36.509 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BF102680.D
Acq: 1 Feb 2018 2:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.9	26.9
125	11.1	10.2	15.2





#89

Benzo(a)pyrene

Concen: 33.722 ng

RT: 15.24 min Scan# 2237

Delta R.T. 0.02 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

Instrument :

BNA_F

ClientSampleId :

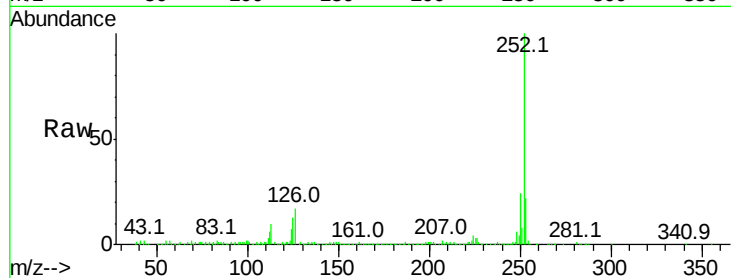
Tot Ion:252 Resp: 381202

Ion Ratio Lower Upper

252 100

253 21.5 17.1 25.7

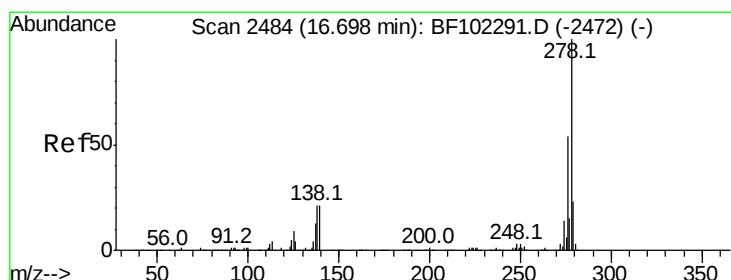
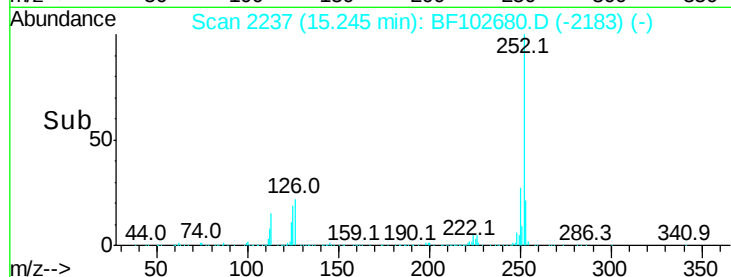
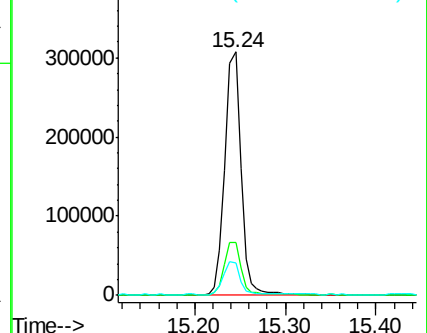
125 13.2 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 31.630 ng

RT: 16.71 min Scan# 2486

Delta R.T. 0.02 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

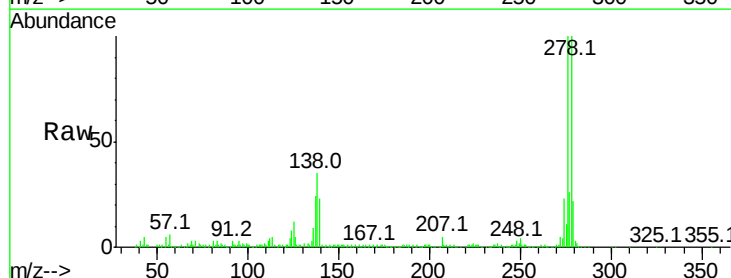
Tgt Ion:278 Resp: 289631

Ion Ratio Lower Upper

278 100

139 23.4 15.9 23.9

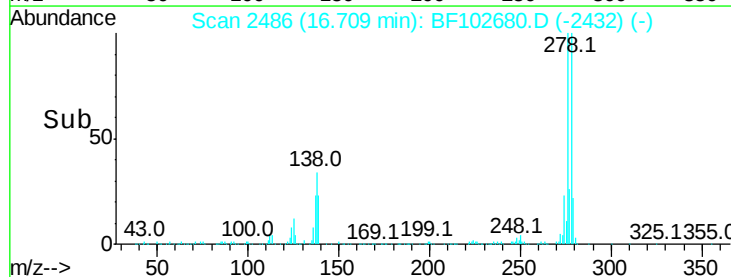
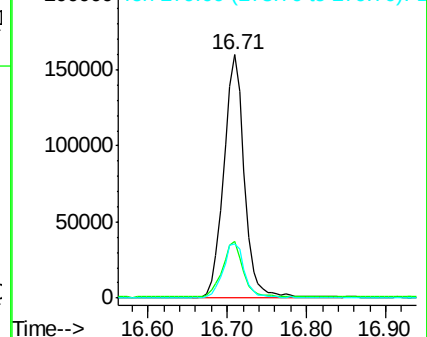
279 22.1 19.0 28.4

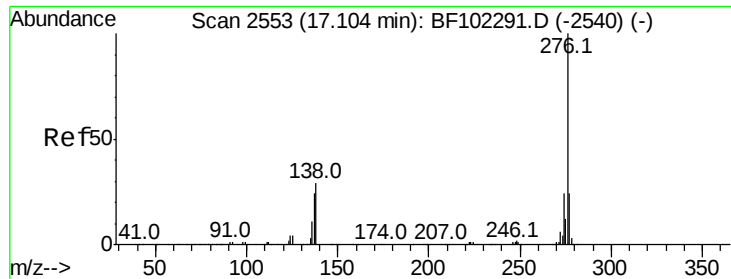


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 31.654 ng

RT: 17.13 min Scan# 2557

Delta R.T. 0.02 min

Lab File: BF102680.D

Acq: 1 Feb 2018 2:50

Instrument :

BNA_F

ClientSampleId :

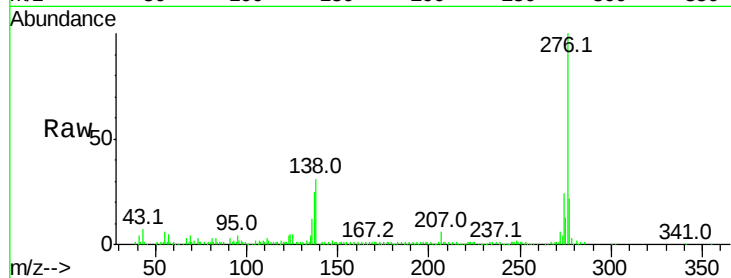
Tot Ion:276 Resp: 286196

Ion Ratio Lower Upper

276 100

277 21.7 17.9 26.9

138 30.8 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

