

Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
 Data File : BF102463.D
 Acq On : 26 Jan 2018 12:46
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 26 16:18:25 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 26 16:18:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	139676	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	582086	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	257038	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	437353	20.00	ng	0.00
75) Chrysene-d12	13.88	240	321047	20.00	ng	0.00
86) Perylene-d12	15.30	264	275542	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	735430	79.83	ng	0.00
7) Phenol-d6	6.36	99	878955	79.14	ng	0.00
23) Nitrobenzene-d5	7.29	82	786754	77.67	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	176104	69.15	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1353003	77.40	ng	0.00
78) Terphenyl-d14	12.83	244	1094170	76.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	169142	38.645	ng	96
3) Pyridine	3.08	79	465882	40.731	ng	96
4) n-Nitrosodimethylamine	3.05	42	179568	40.045	ng	97
6) Aniline	6.39	93	573808	39.063	ng	97
8) 2-Chlorophenol	6.50	128	383273	39.691	ng	98
9) Benzaldehyde	6.27	77	242894	39.110	ng	96
10) Phenol	6.37	94	470621	38.816	ng	# 71
11) bis(2-Chloroethyl)ether	6.46	93	367262	39.827	ng	98
12) 1,3-Dichlorobenzene	6.66	146	445765	38.815	ng	99
13) 1,4-Dichlorobenzene	6.73	146	447504	38.899	ng	100
14) 1,2-Dichlorobenzene	6.89	146	412441	39.195	ng	99
15) Benzyl Alcohol	6.87	79	295088	37.659	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	593777	38.392	ng	94
17) 2-Methylphenol	6.98	107	324884	38.739	ng	98
18) Hexachloroethane	7.22	117	156171	38.957	ng	92
19) n-Nitroso-di-n-propylamine	7.14	70	255889	37.651	ng	98
20) 3+4-Methylphenols	7.14	107	393585	39.903	ng	# 79
22) Acetophenone	7.13	105	526903	37.972	ng	# 93
24) Nitrobenzene	7.31	77	408004	39.361	ng	96
25) Isophorone	7.55	82	688931	38.152	ng	98
26) 2-Nitrophenol	7.62	139	216334	39.653	ng	93
27) 2,4-Dimethylphenol	7.66	122	304452	38.432	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	432889	38.807	ng	99
29) 2,4-Dichlorophenol	7.86	162	313972	38.909	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	328088	37.929	ng	99
31) Naphthalene	8.02	128	1106689	38.079	ng	100
32) Benzoic acid	7.80	122	180170	27.146	ng	97
33) 4-Chloroaniline	8.08	127	470912	38.532	ng	96
34) Hexachlorobutadiene	8.13	225	179397	38.831	ng	98
35) Caprolactam	8.46	113	101740	38.176	ng	91
36) 4-Chloro-3-methylphenol	8.57	107	327061	38.452	ng	96
37) 2-Methylnaphthalene	8.72	142	733054	37.874	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	295991	38.275	ng	98
40) Hexachlorocyclopentadiene	8.86	237	132742	38.356	ng	99

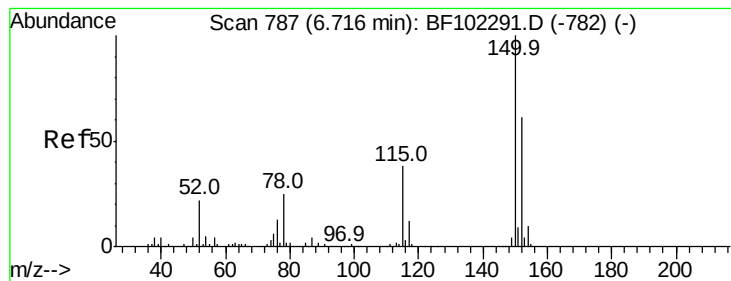
Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
 Data File : BF102463.D
 Acq On : 26 Jan 2018 12:46
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 26 16:18:25 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 26 16:18:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	192225	37.132	ng	99
43) 2,4,5-Trichlorophenol	9.04	196	222495	38.172	ng	99
45) 1,1'-Biphenyl	9.18	154	875000	38.071	ng	99
46) 2-Chloronaphthalene	9.20	162	684650	38.324	ng	98
47) 2-Nitroaniline	9.31	65	221727	39.810	ng	94
48) Acenaphthylene	9.62	152	1056838	37.972	ng	100
49) Dimethylphthalate	9.48	163	807280	37.997	ng	100
50) 2,6-Dinitrotoluene	9.55	165	175251	38.259	ng	89
51) Acenaphthene	9.79	154	617567	37.993	ng	99
52) 3-Nitroaniline	9.72	138	207674	38.325	ng	92
53) 2,4-Dinitrophenol	9.83	184	80545	41.076	ng	# 20
54) Dibenzofuran	9.96	168	857324	38.972	ng	100
55) 4-Nitrophenol	9.89	139	148603	41.545	ng	93
56) 2,4-Dinitrotoluene	9.96	165	212445	37.715	ng	93
57) Fluorene	10.30	166	685933	39.350	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	154183	37.048	ng	97
59) Diethylphthalate	10.18	149	760857	36.853	ng	98
60) 4-Chlorophenyl-phenylether	10.29	204	296829	39.275	ng	96
61) 4-Nitroaniline	10.33	138	209903	38.819	ng	91
62) Azobenzene	10.46	77	718794	38.027	ng	97
64) 4,6-Dinitro-2-methylphenol	10.36	198	110948	38.024	ng	97
65) n-Nitrosodiphenylamine	10.42	169	617723	38.481	ng	99
66) 4-Bromophenyl-phenylether	10.79	248	181304	38.509	ng	91
67) Hexachlorobenzene	10.85	284	190595	36.197	ng	95
68) Atrazine	10.95	200	182519	38.498	ng	97
69) Pentachlorophenol	11.05	266	100940	36.493	ng	98
70) Phenanthrene	11.27	178	970579	38.084	ng	99
71) Anthracene	11.32	178	1002372	38.534	ng	99
72) Carbazole	11.47	167	984522	38.795	ng	100
73) Di-n-butylphthalate	11.80	149	1212245	38.215	ng	99
74) Fluoranthene	12.45	202	976635	37.579	ng	99
76) Benzidine	12.58	184	414213	38.406	ng	98
77) Pyrene	12.68	202	997022	40.167	ng	99
79) Butylbenzylphthalate	13.30	149	491703	39.805	ng	95
80) Benzo(a)anthracene	13.87	228	784107	39.670	ng	99
81) 3,3'-Dichlorobenzidine	13.83	252	288157	39.741	ng	100
82) Chrysene	13.91	228	779586	38.839	ng	98
83) Bis(2-ethylhexyl)phthalate	13.85	149	661668	39.857	ng	# 99
84) Di-n-octyl phthalate	14.46	149	1011276	37.459	ng	100
85) Indeno(1,2,3-cd)pyrene	16.70	276	610627	36.836	ng	98
87) Benzo(b)fluoranthene	14.90	252	660399	36.978	ng	99
88) Benzo(k)fluoranthene	14.93	252	685289	40.614	ng	99
89) Benzo(a)pyrene	15.24	252	619385	38.454	ng	# 96
90) Dibenzo(a,h)anthracene	16.72	278	497293	38.114	ng	97
91) Benzo(g,h,i)perylene	17.13	276	509486	39.547	ng	98

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

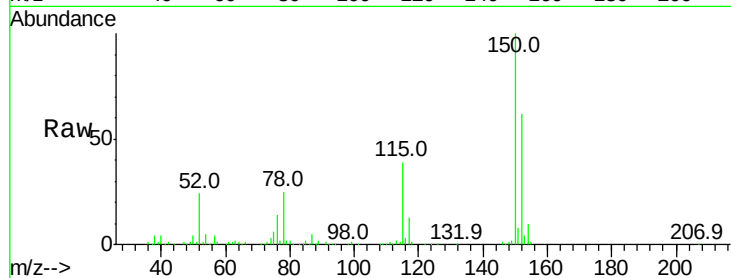


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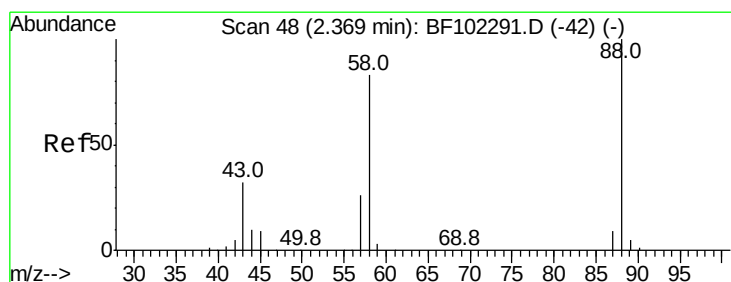
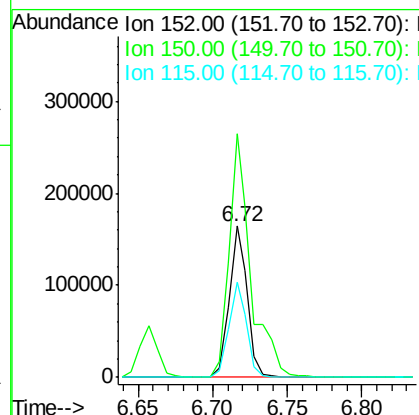
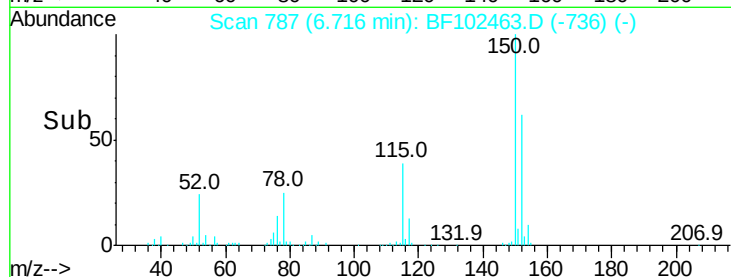
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102463.D
Acq: 26 Jan 2018 12:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 139676
Ion Ratio Lower Upper
152 100
150 161.2 124.6 186.8
115 63.3 50.1 75.1



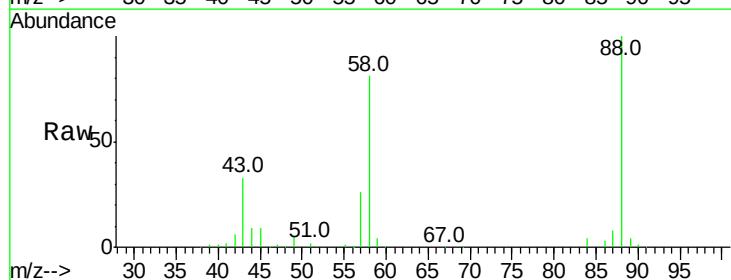
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



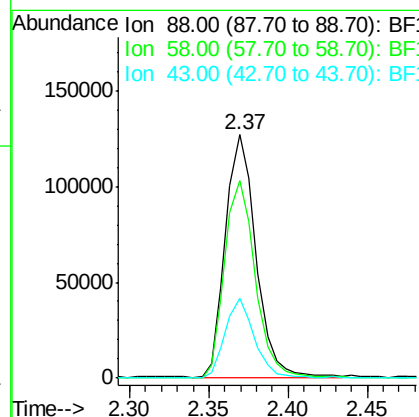
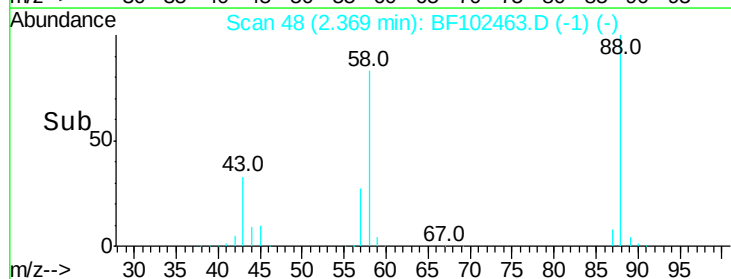
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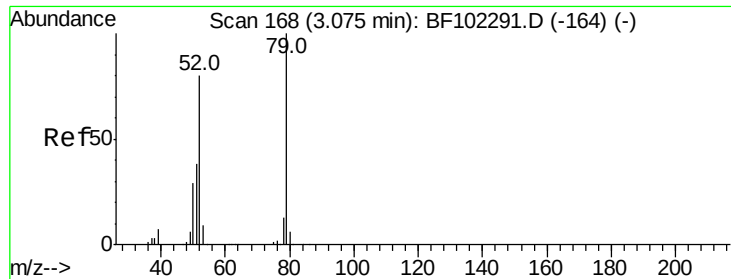
1,4-Dioxane
Concen: 38.645 ng
RT: 2.37 min Scan# 48
Delta R.T. 0.00 min
Lab File: BF102463.D
Acq: 26 Jan 2018 12:46

Tgt Ion: 88 Resp: 169142
Ion Ratio Lower Upper
88 100
58 82.6 62.6 93.8
43 32.0 24.6 37.0



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

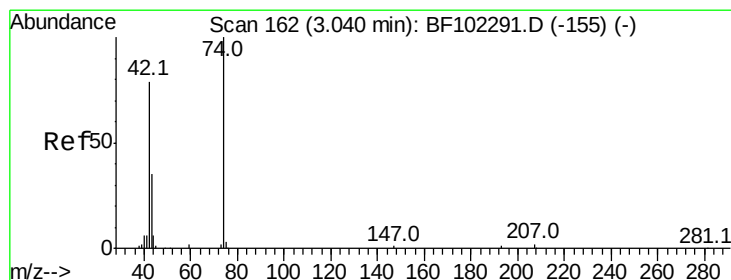
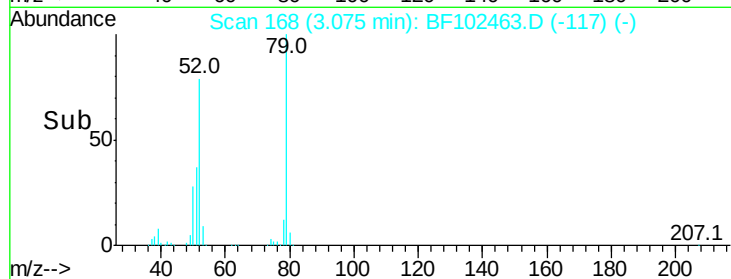
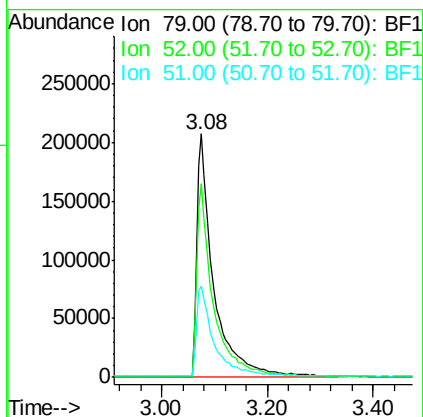
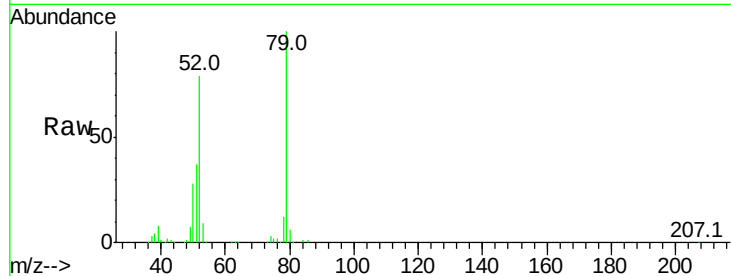




#3
 Pvridine
 Concen: 40.731 ng
 RT: 3.08 min Scan# 168
 Delta R.T. 0.00 min
 Lab File: BF102463.D
 Acq: 26 Jan 2018 12:46

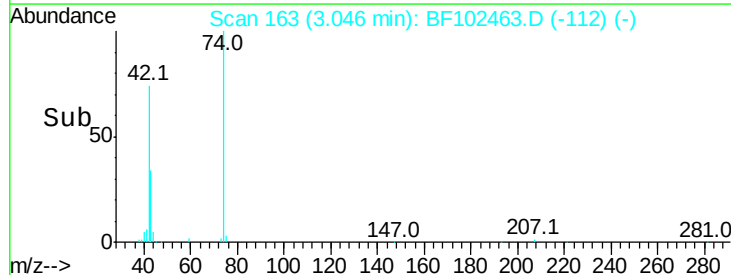
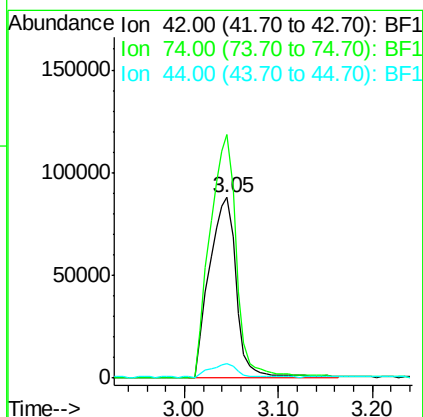
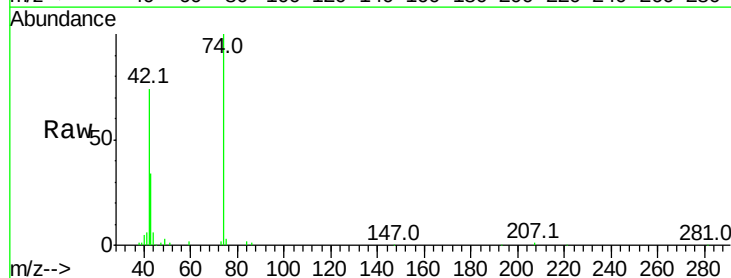
Instrument :
 BNA_F
 ClientSampleId :

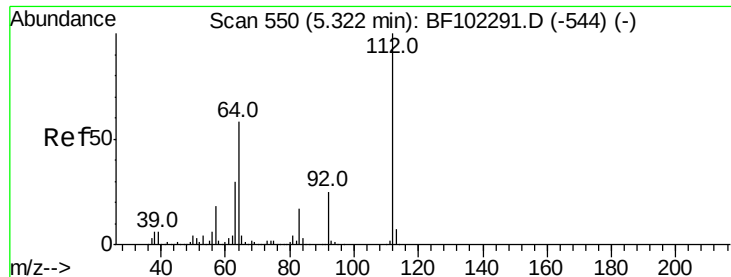
Tot Ion: 79 Resp: 465882
 Ion Ratio Lower Upper
 79 100
 52 79.3 59.8 89.6
 51 37.3 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 40.045 ng
 RT: 3.05 min Scan# 163
 Delta R.T. 0.00 min
 Lab File: BF102463.D
 Acq: 26 Jan 2018 12:46

Tgt Ion: 42 Resp: 179568
 Ion Ratio Lower Upper
 42 100
 74 134.8 104.9 157.3
 44 8.1 6.9 10.3





#5

2-Fluorophenol

Concen: 79.835 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF102463.D

Acq: 26 Jan 2018 12:46

Instrument :

BNA_F

ClientSampleId :

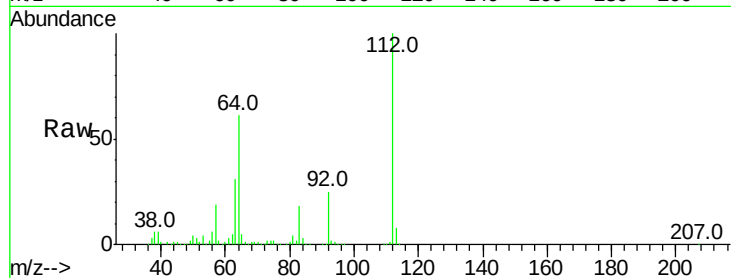
Tot Ion:112 Resp: 735430

Ion Ratio Lower Upper

112 100

64 61.2 47.9 71.9

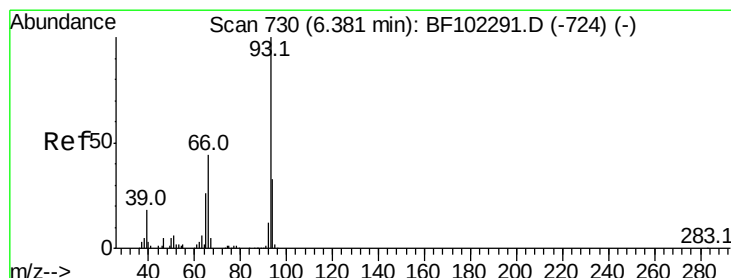
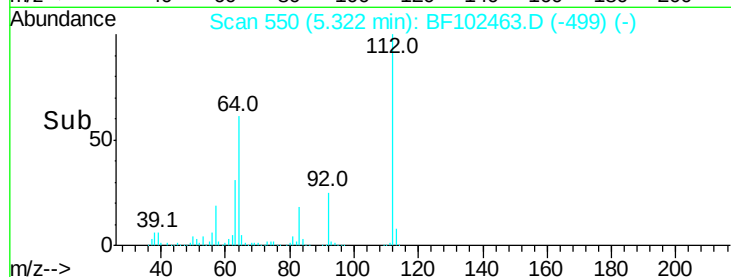
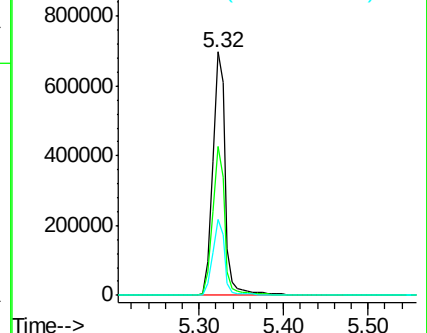
63 31.3 23.7 35.5



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: 39.063 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF102463.D

Acq: 26 Jan 2018 12:46

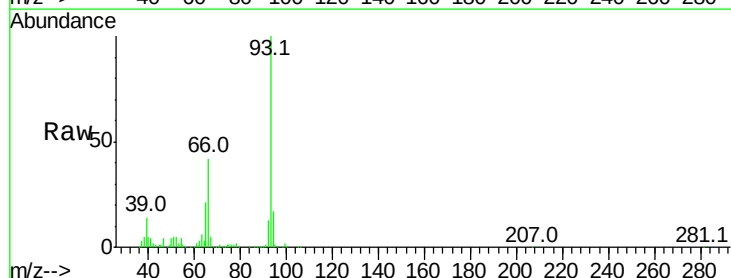
Tgt Ion: 93 Resp: 573808

Ion Ratio Lower Upper

93 100

66 42.1 32.2 48.2

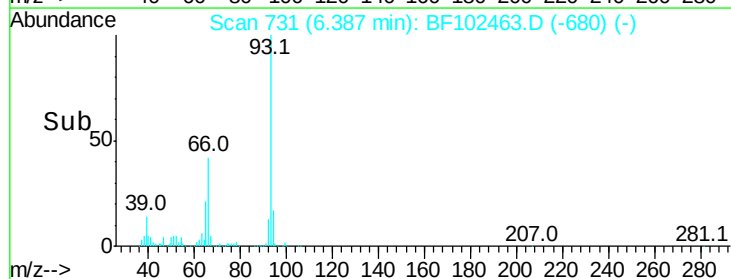
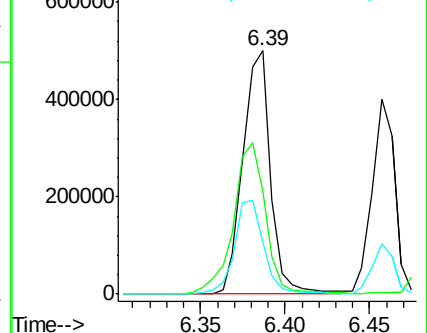
65 21.2 16.4 24.6

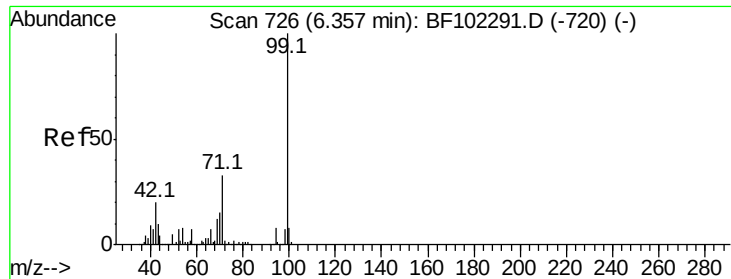


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.144 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF102463.D

Acq: 26 Jan 2018 12:46

Instrument :

BNA_F

ClientSampled :

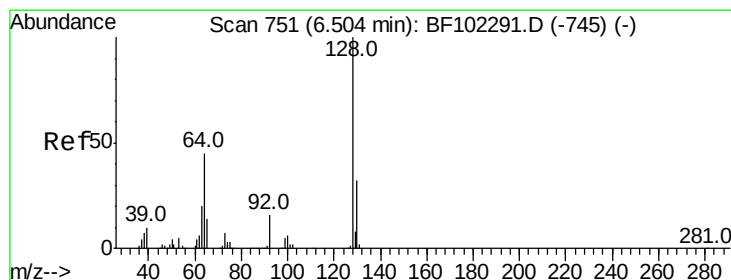
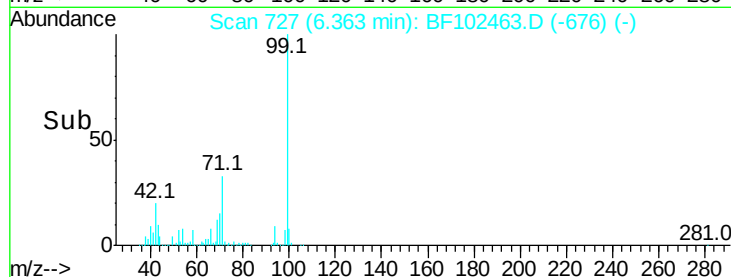
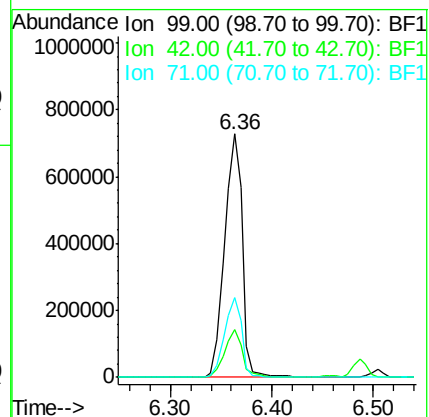
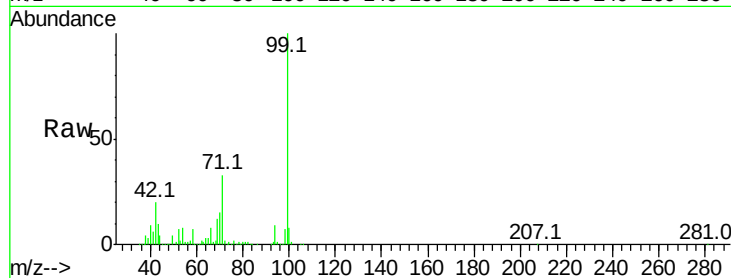
Tot Ion: 99 Resp: 878955

Ion Ratio Lower Upper

99 100

42 19.7 14.5 21.7

71 32.6 25.4 38.0



#8

2-Chlorophenol

Concen: 39.691 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF102463.D

Acq: 26 Jan 2018 12:46

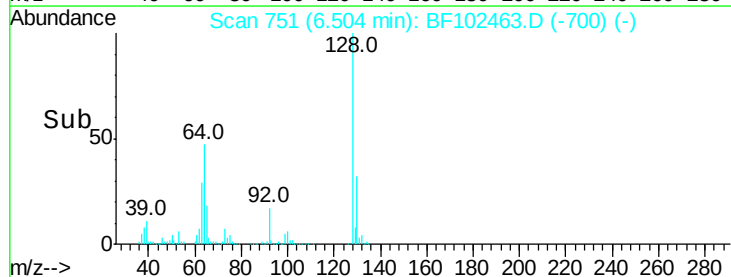
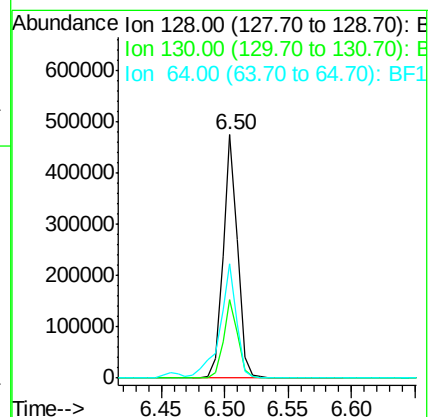
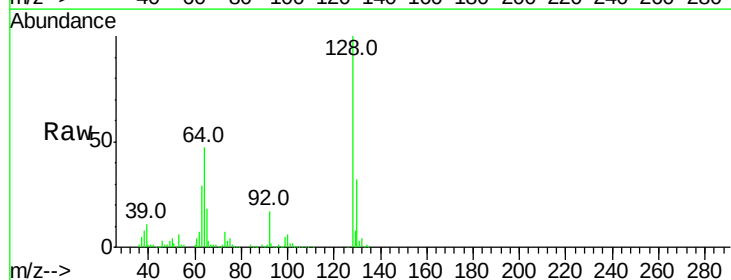
Tgt Ion: 128 Resp: 383273

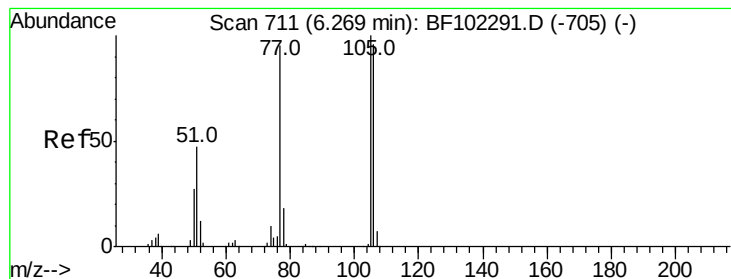
Ion Ratio Lower Upper

128 100

130 32.5 13.0 53.0

64 47.1 29.4 69.4





#9

Benzaldehyde

Concen: 39.110 ng

RT: 6.27 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF102463.D

Acq: 26 Jan 2018 12:46

Instrument :

BNA_F

ClientSampleId :

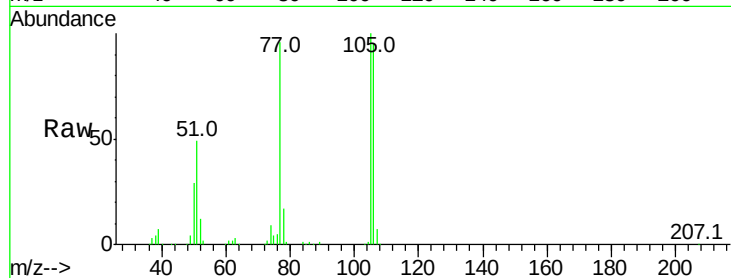
Tot Ion: 77 Resp: 242894

Ion Ratio Lower Upper

77 100

105 104.6 81.1 121.1

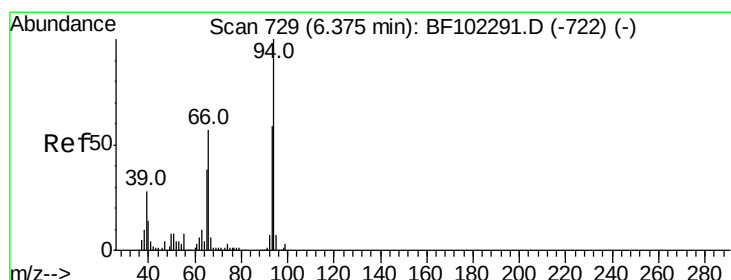
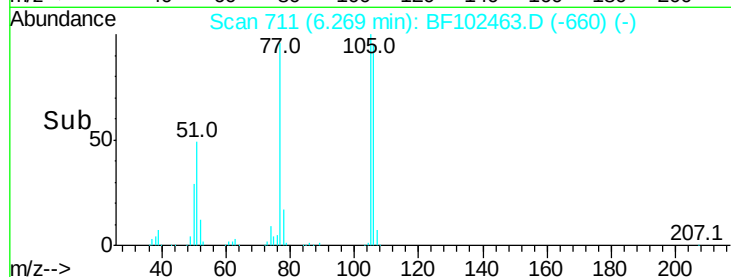
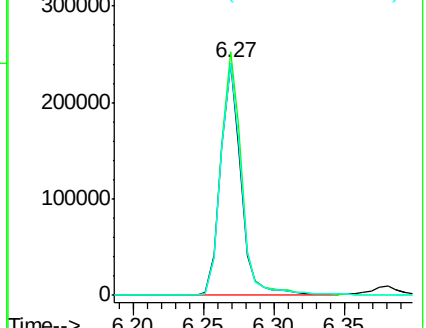
106 99.5 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.816 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF102463.D

Acq: 26 Jan 2018 12:46

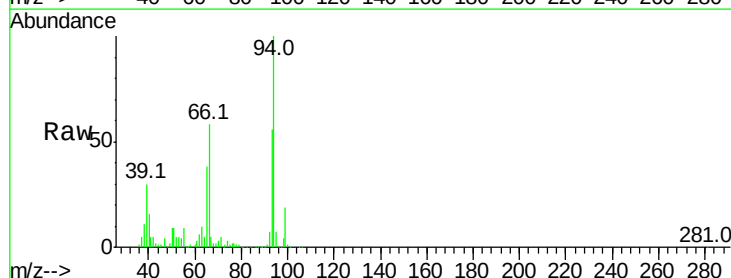
Tgt Ion: 94 Resp: 470621

Ion Ratio Lower Upper

94 100

65 38.2 7.9 47.9

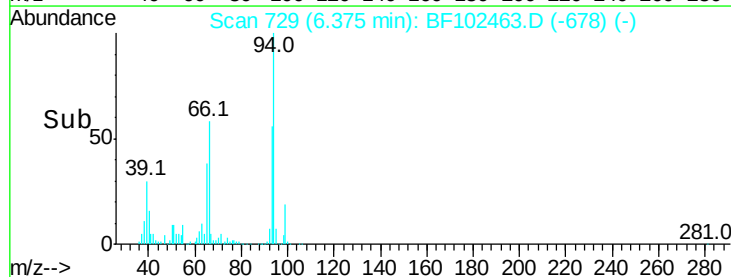
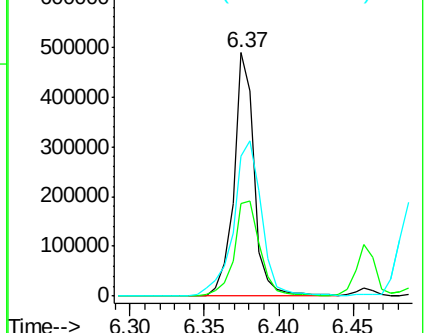
66 57.6 16.2 56.2#

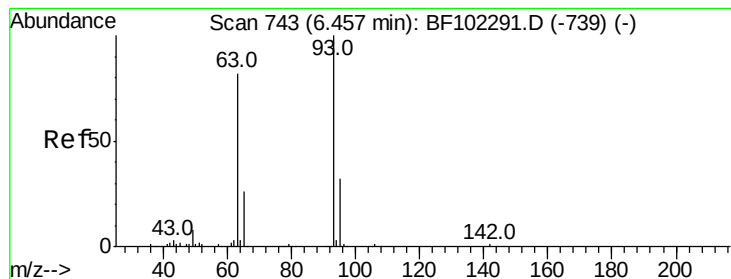


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.827 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF102463.D

Acq: 26 Jan 2018 12:46

Instrument :

BNA_F

ClientSampleId :

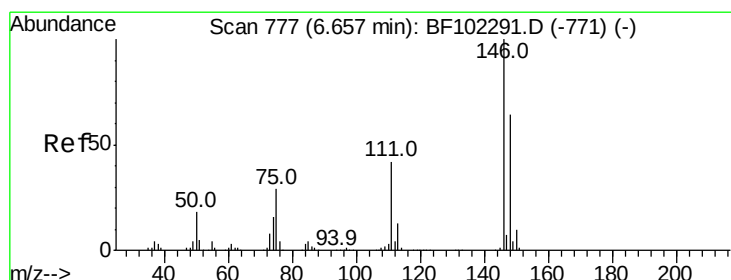
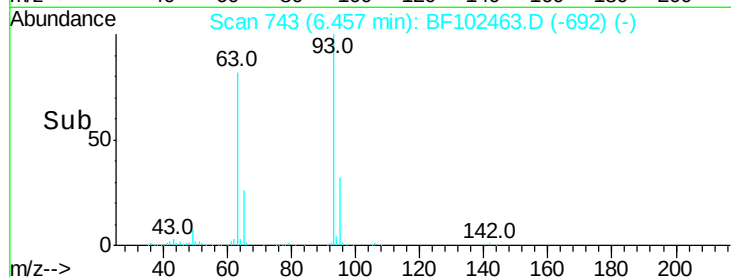
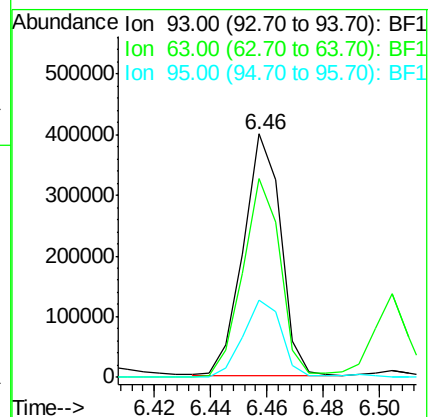
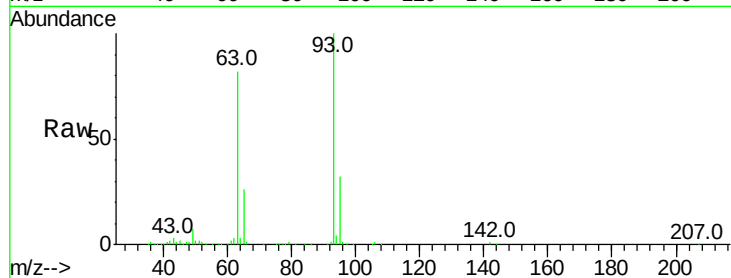
Tot Ion: 93 Resp: 367262

Ion Ratio Lower Upper

93 100

63 81.5 58.6 98.6

95 31.8 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 38.815 ng

RT: 6.66 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF102463.D

Acq: 26 Jan 2018 12:46

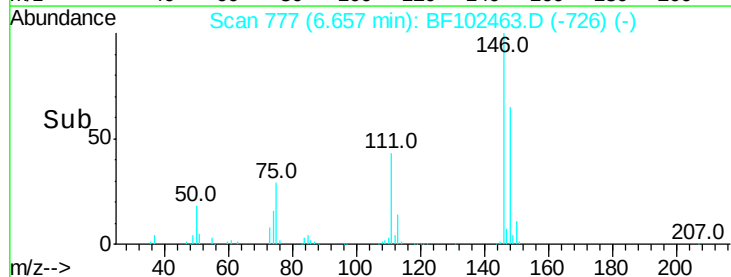
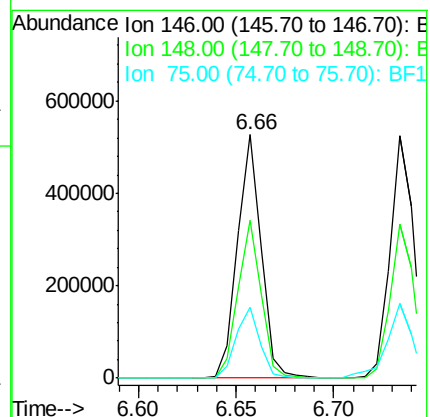
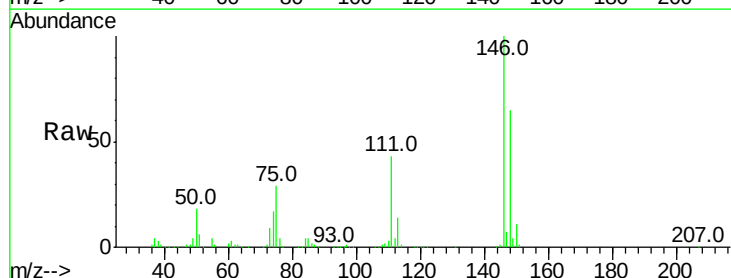
Tgt Ion: 146 Resp: 445765

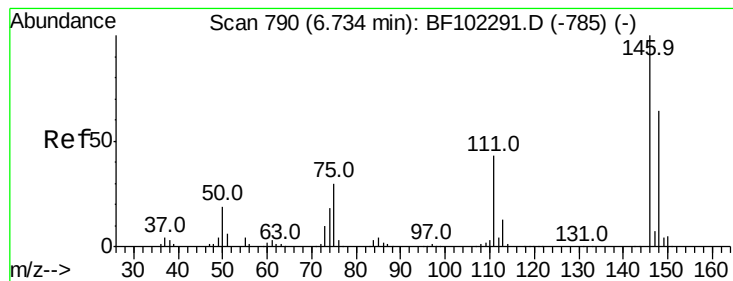
Ion Ratio Lower Upper

146 100

148 65.1 51.8 77.8

75 29.1 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 38.899 ng

RT: 6.73 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF102463.D

Acq: 26 Jan 2018 12:46

Instrument :

BNA_F

ClientSampleId :

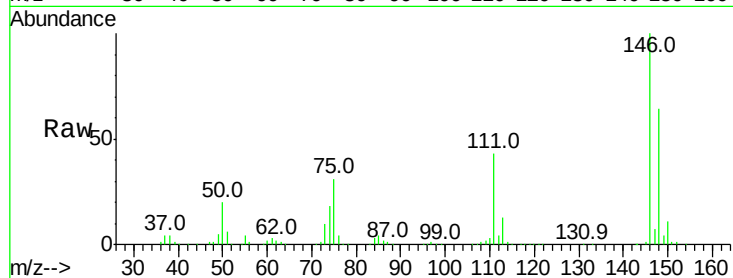
Tot Ion:146 Resp: 447504

Ion Ratio Lower Upper

146 100

148 63.7 50.8 76.2

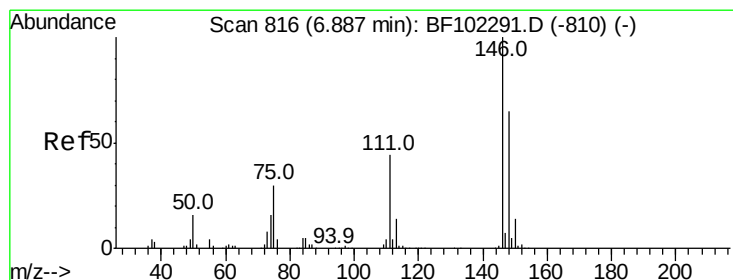
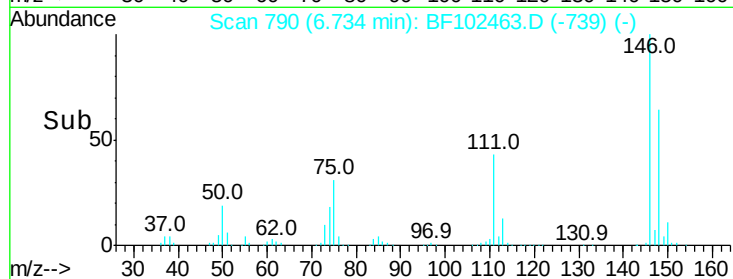
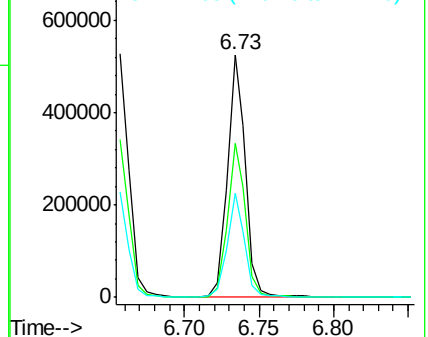
111 42.7 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.195 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF102463.D

Acq: 26 Jan 2018 12:46

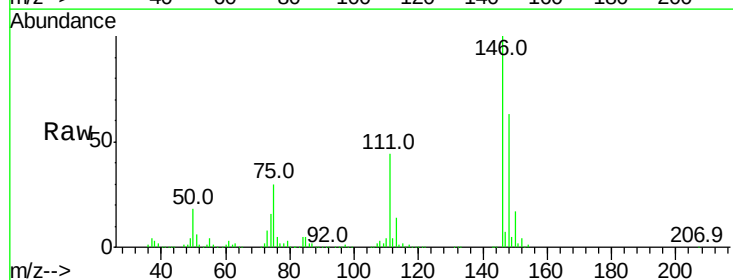
Tgt Ion:146 Resp: 412441

Ion Ratio Lower Upper

146 100

148 62.6 50.6 75.8

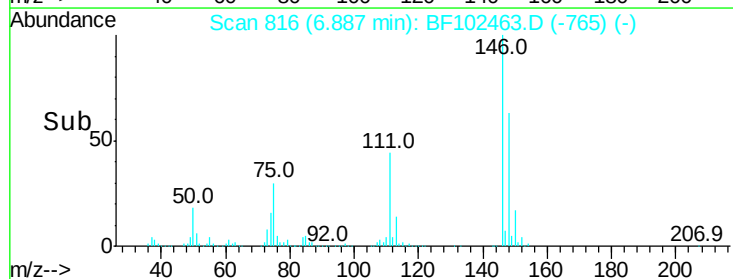
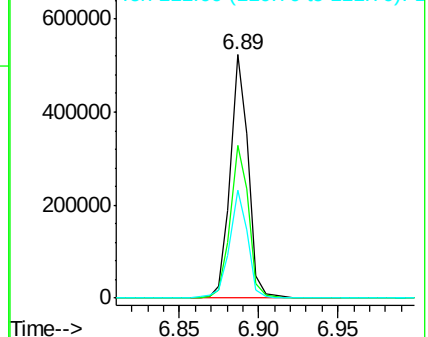
111 44.3 36.0 54.0

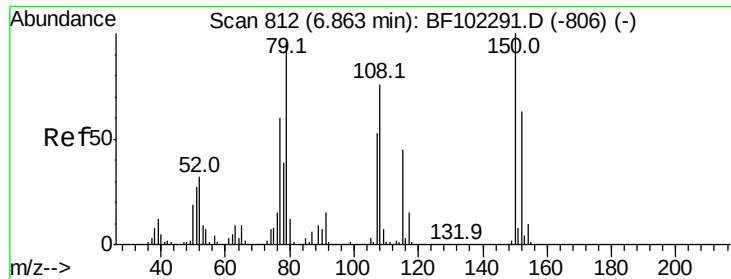


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.659 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF102463.D

Acq: 26 Jan 2018 12:46

Instrument :

BNA_F

ClientSampled :

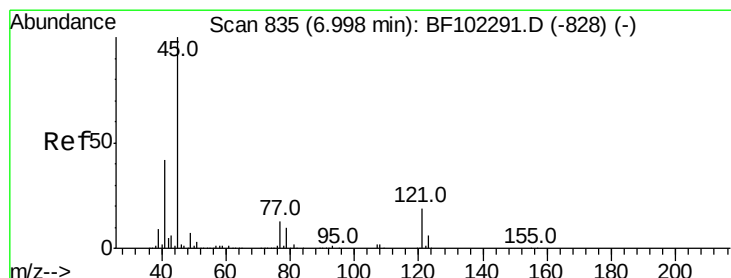
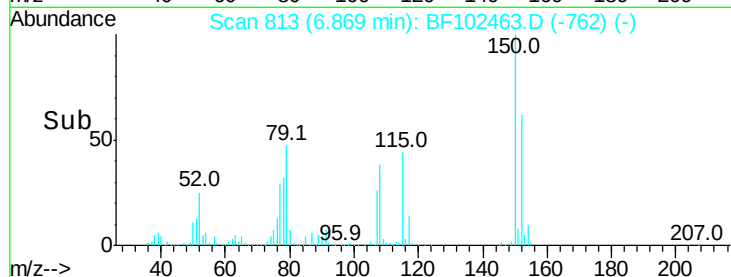
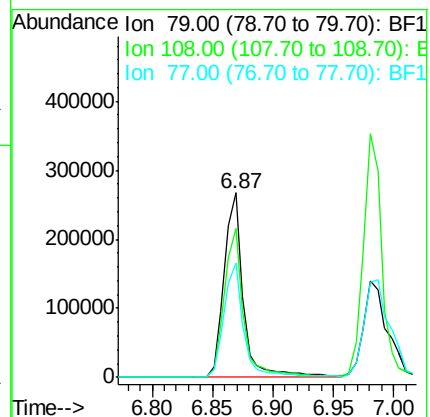
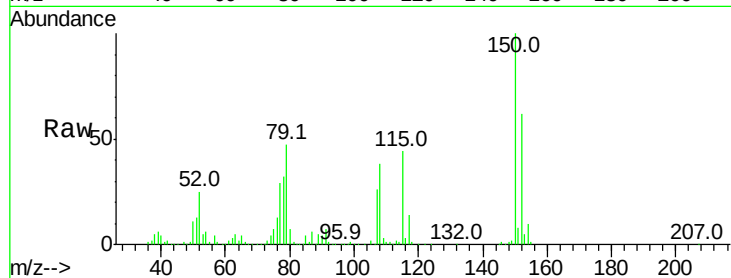
Tot Ion: 79 Resp: 295088

Ion Ratio Lower Upper

79 100

108 81.1 65.1 97.7

77 62.3 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.392 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF102463.D

Acq: 26 Jan 2018 12:46

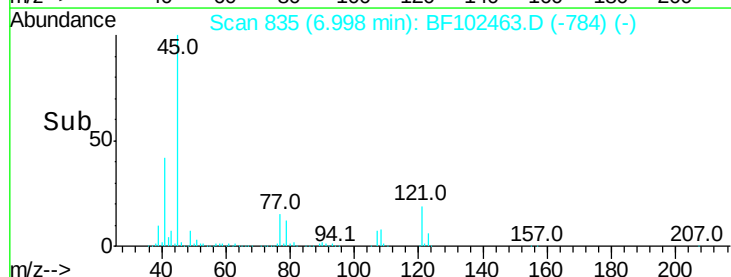
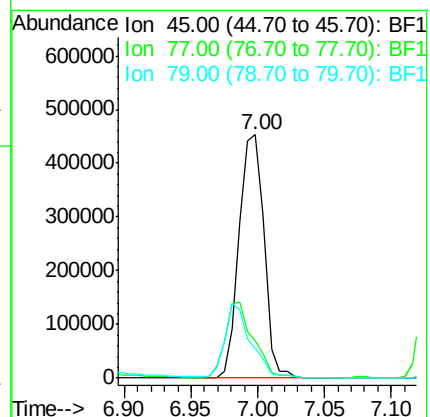
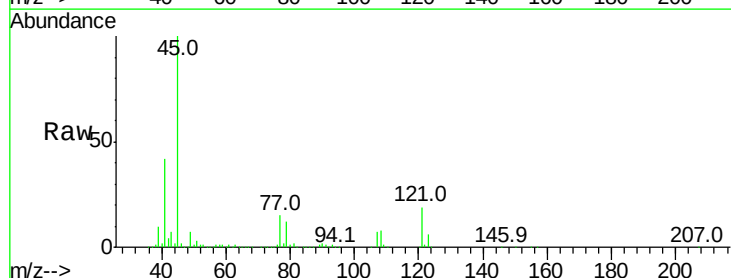
Tgt Ion: 45 Resp: 593777

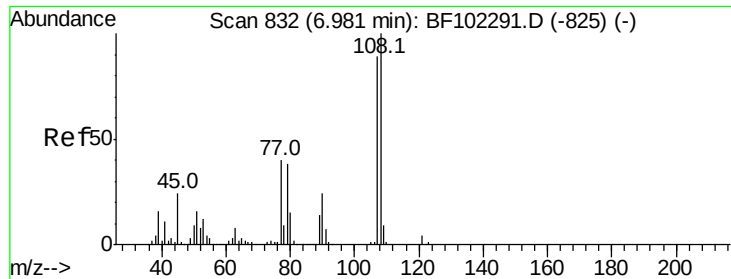
Ion Ratio Lower Upper

45 100

77 15.2 0.0 32.9

79 12.3 0.0 29.6

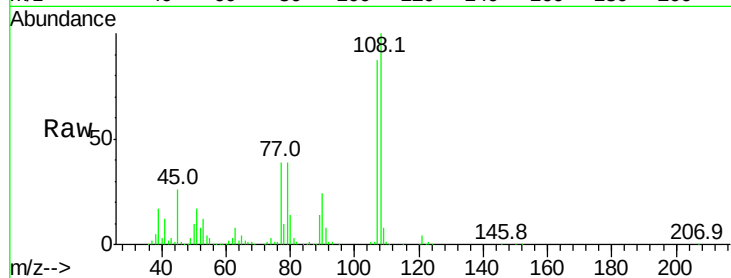




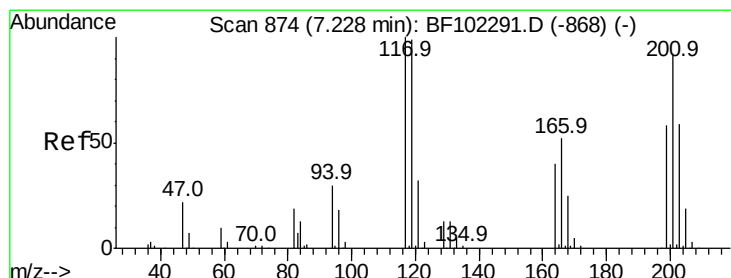
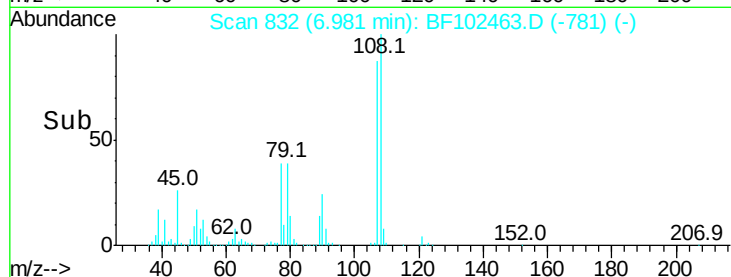
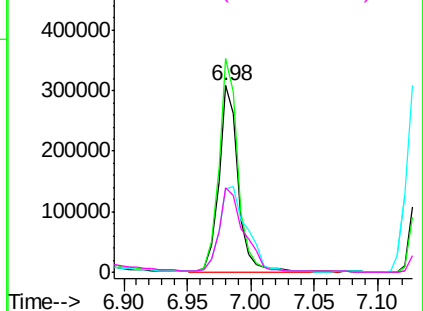
#17
2-Methylphenol
Concen: 38.739 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF102463.D
Acq: 26 Jan 2018 12:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 324884
Ion Ratio Lower Upper
107 100
108 114.6 91.7 137.5
77 45.0 33.8 50.8
79 45.1 33.8 50.8

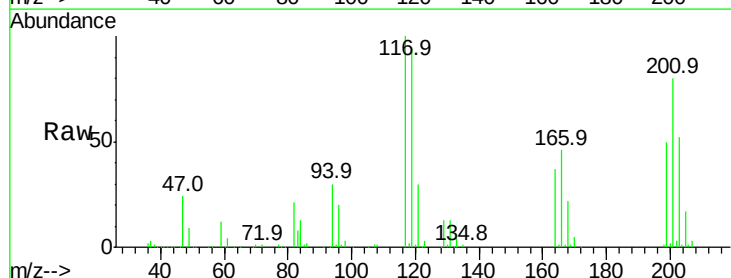


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

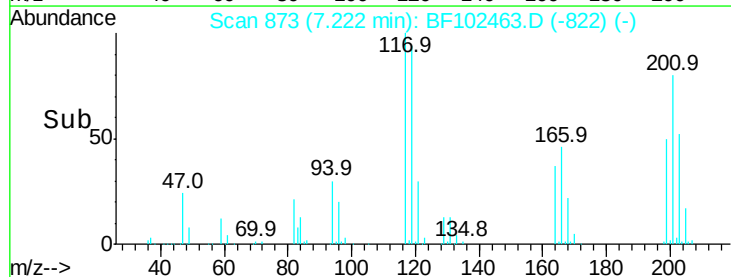
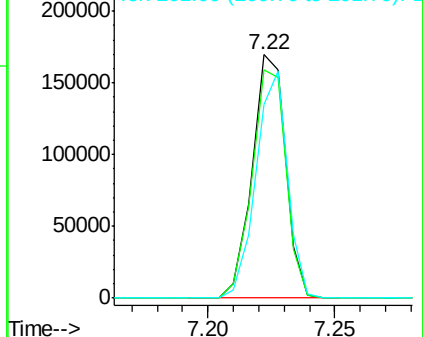


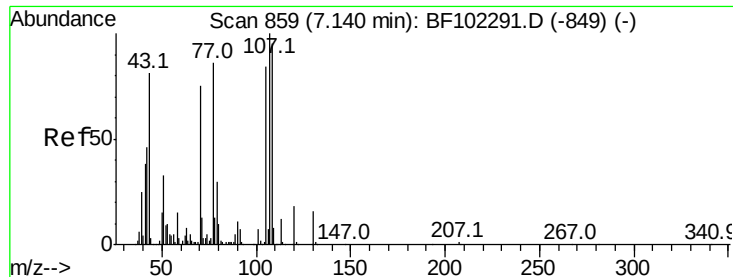
#18
Hexachloroethane
Concen: 38.957 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF102463.D
Acq: 26 Jan 2018 12:46

Tgt Ion:117 Resp: 156171
Ion Ratio Lower Upper
117 100
119 93.9 75.8 113.8
201 79.7 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

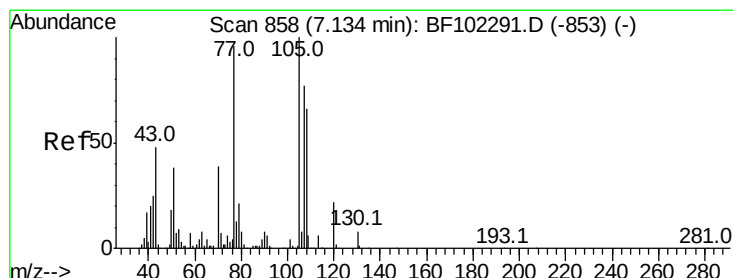
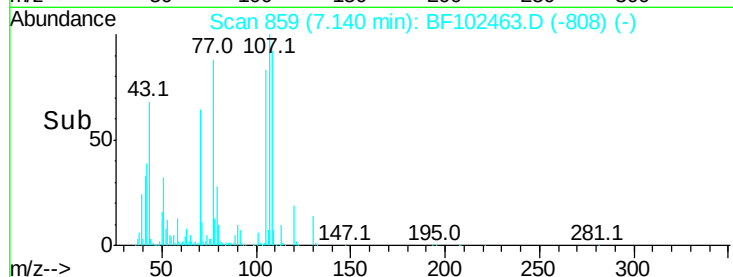
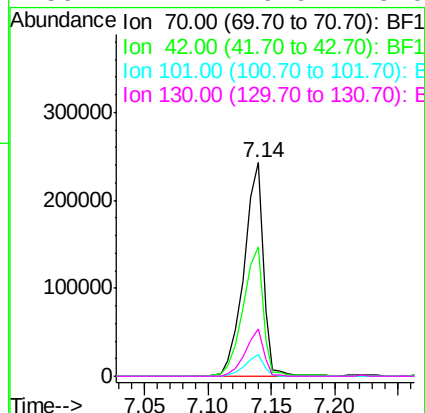
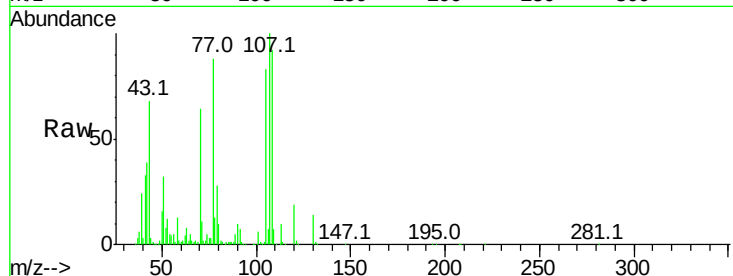




#19
n-Nitroso-di-n-propylamine
Concen: 37.651 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF102463.D
Acq: 26 Jan 2018 12:46

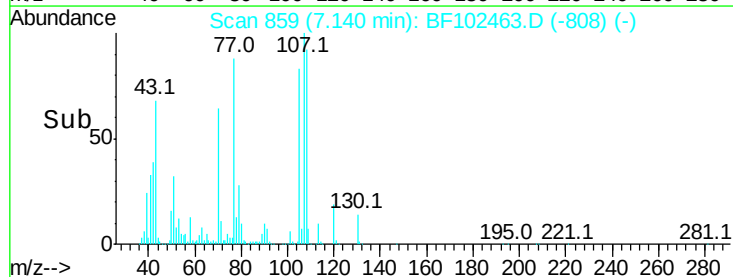
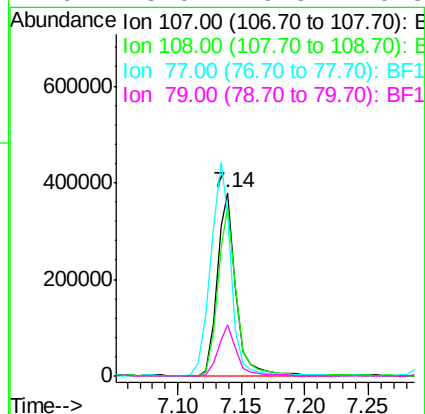
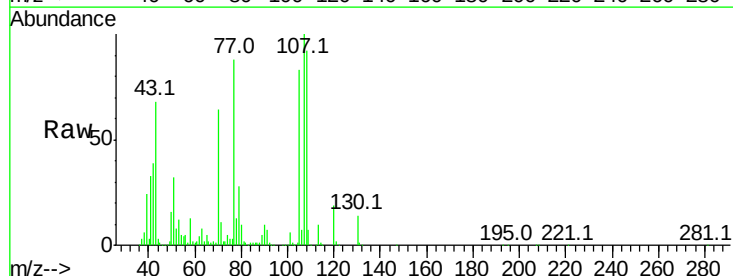
Instrument :
BNA_F
ClientSampleId :

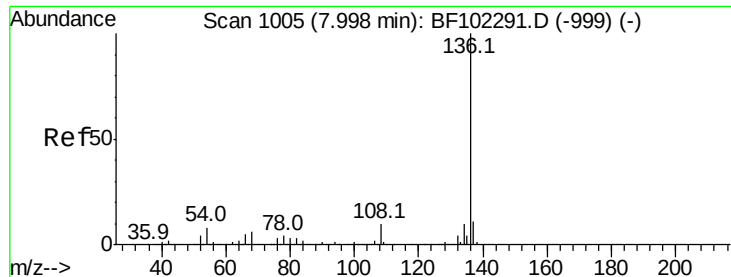
Tot Ion	Ratio	Lower	Upper
70	100		
42	60.6	47.5	71.3
101	10.0	7.4	11.2
130	22.2	16.6	25.0



#20
3+4-Methylphenols
Concen: 39.903 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF102463.D
Acq: 26 Jan 2018 12:46

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.4	68.2	108.2
77	87.7	26.7	66.7#
79	28.0	6.3	46.3

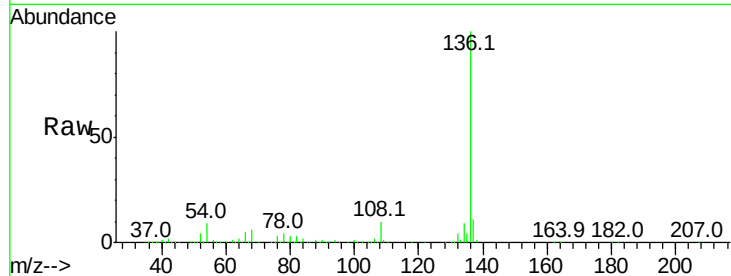




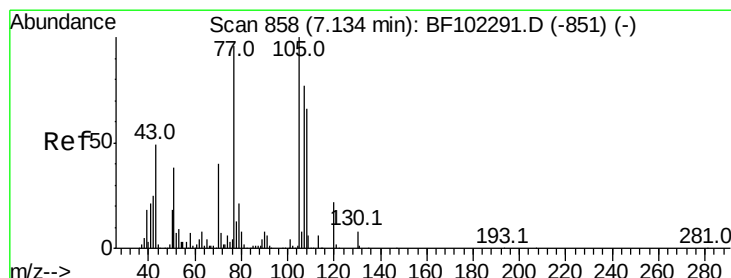
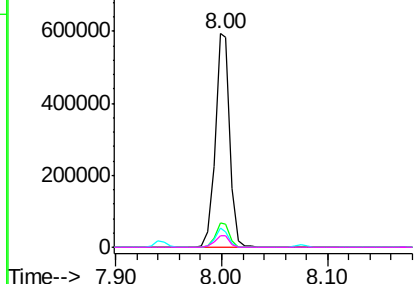
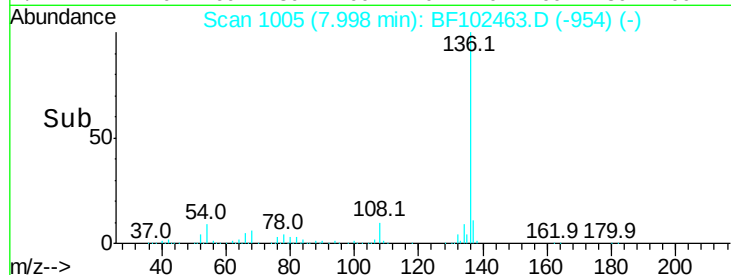
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF102463.D
Acq: 26 Jan 2018 12:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	582086
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.9 13.3
54	8.9	6.6 9.8
68	5.7	5.0 7.4

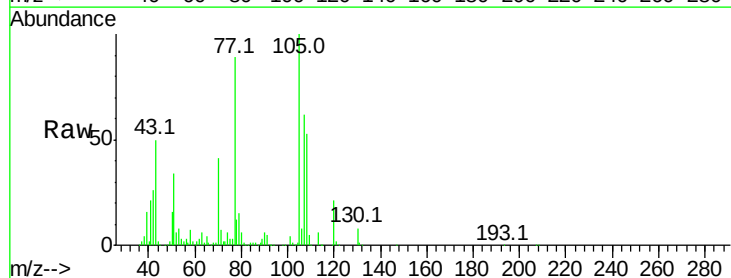


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

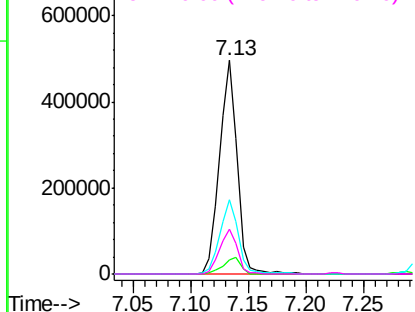
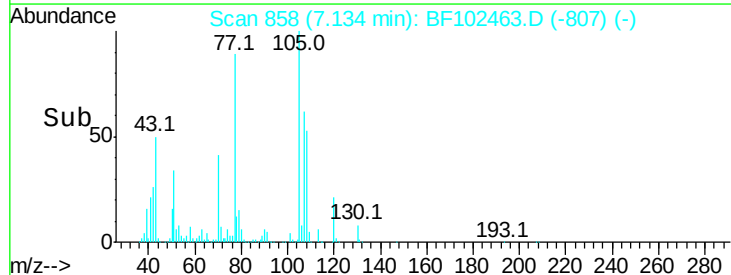


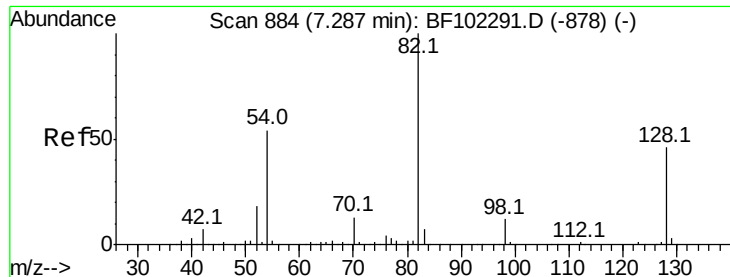
#22
Acetophenone
Concen: 37.972 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF102463.D
Acq: 26 Jan 2018 12:46

Tgt Ion:105	Resp:	526903
Ion Ratio	Lower	Upper
105	100	
71	6.5	4.4 6.6
51	34.5	22.3 33.5#
120	21.1	16.9 25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

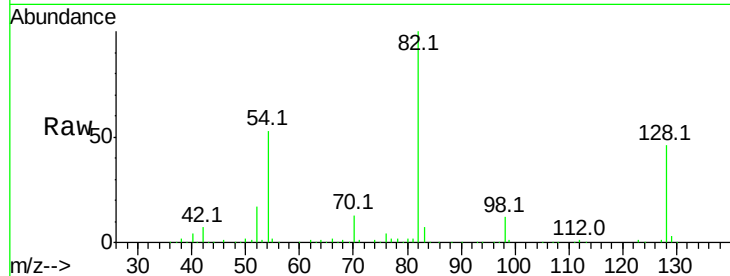




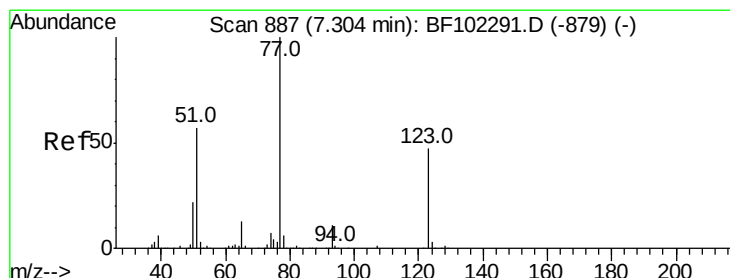
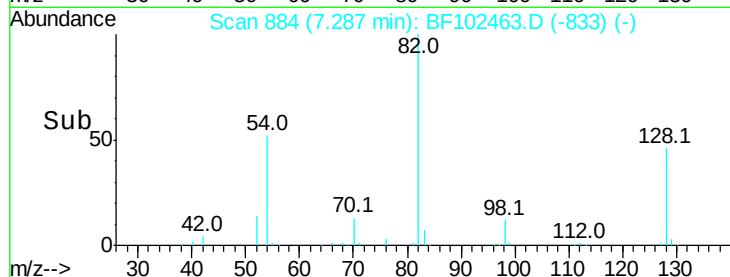
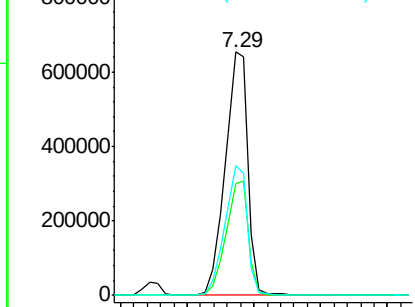
#23
 Nitrobenzene-d5
 Concen: 77.673 ng
 RT: 7.29 min Scan# 884
 Delta R.T. 0.00 min
 Lab File: BF102463.D
 Acq: 26 Jan 2018 12:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 786754
 Ion Ratio Lower Upper
 82 100
 128 45.7 36.1 54.1
 54 53.4 41.4 62.2

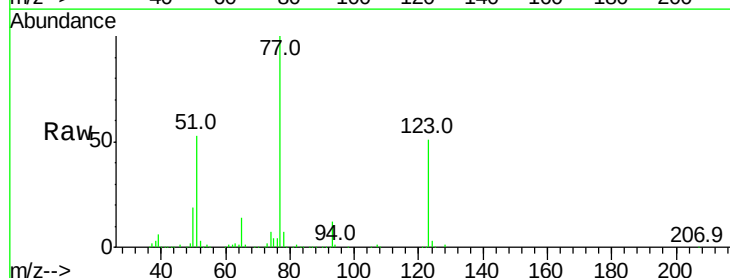


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

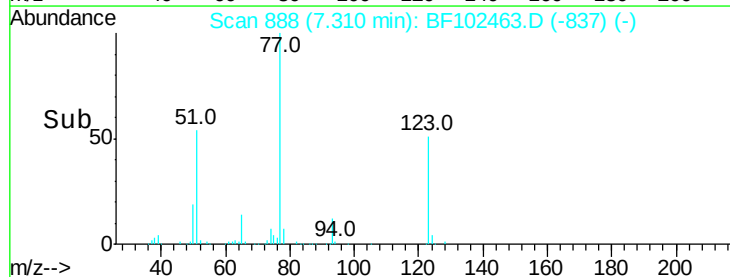
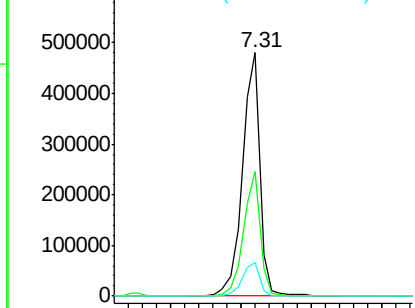


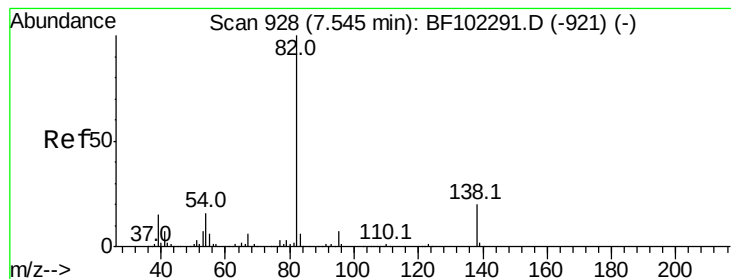
#24
 Nitrobenzene
 Concen: 39.361 ng
 RT: 7.31 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: BF102463.D
 Acq: 26 Jan 2018 12:46

Tgt Ion: 77 Resp: 408004
 Ion Ratio Lower Upper
 77 100
 123 51.0 37.9 56.9
 65 13.8 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: 38.152 ng

RT: 7.55 min Scan# 928

Delta R.T. 0.00 min

Lab File: BF102463.D

Acq: 26 Jan 2018 12:46

Instrument :

BNA_F

ClientSampleId :

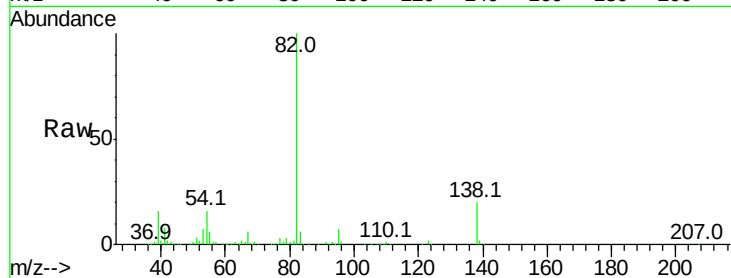
Tot Ion: 82 Resp: 688931

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

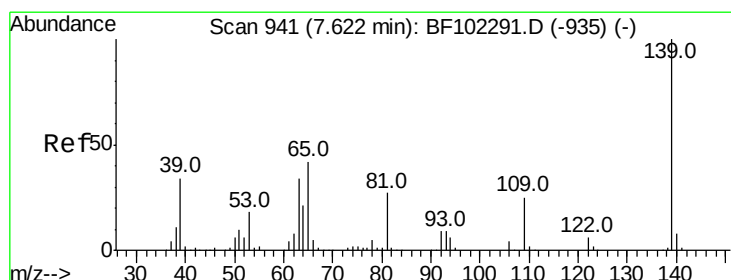
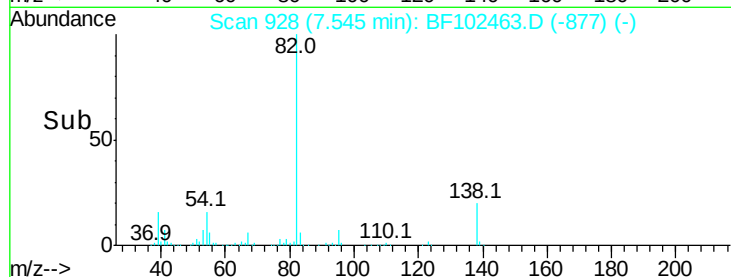
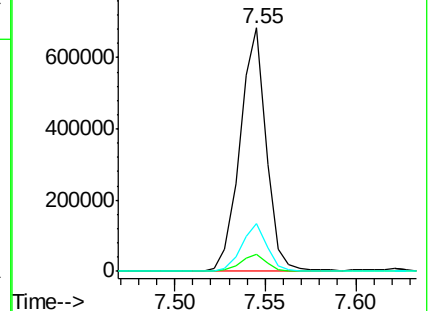
138 19.9 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 39.653 ng

RT: 7.62 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF102463.D

Acq: 26 Jan 2018 12:46

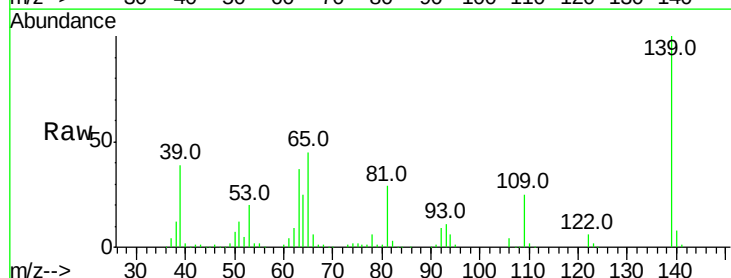
Tgt Ion: 139 Resp: 216334

Ion Ratio Lower Upper

139 100

109 25.3 22.7 34.1

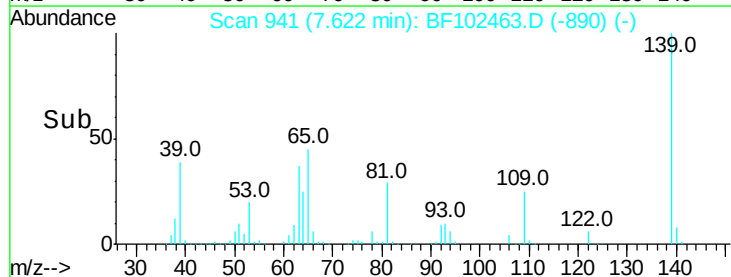
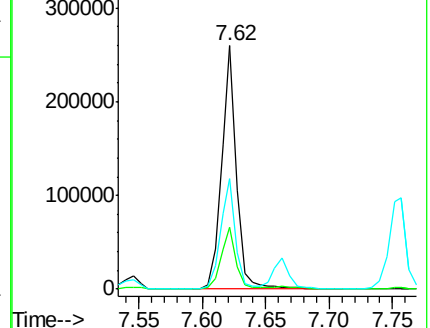
65 45.4 40.5 60.7

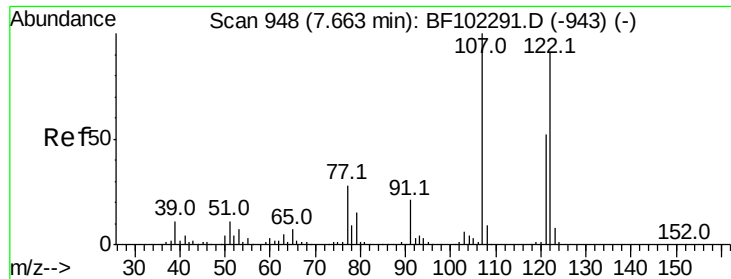


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

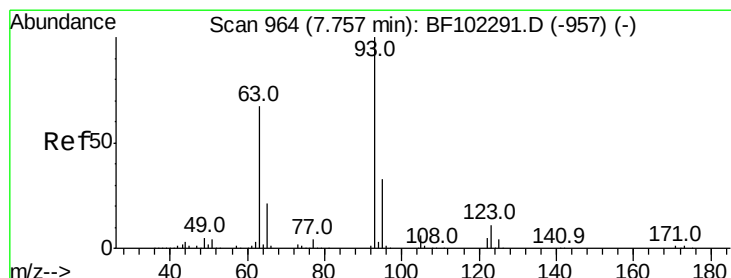
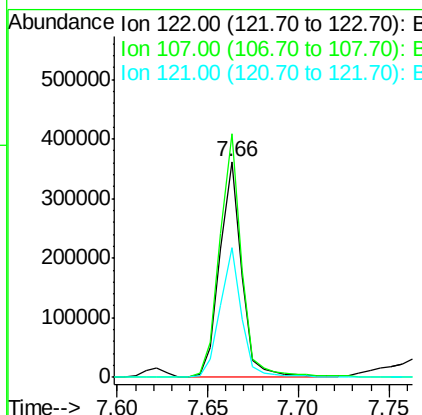
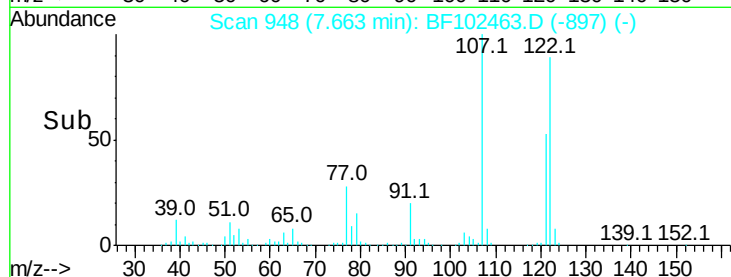
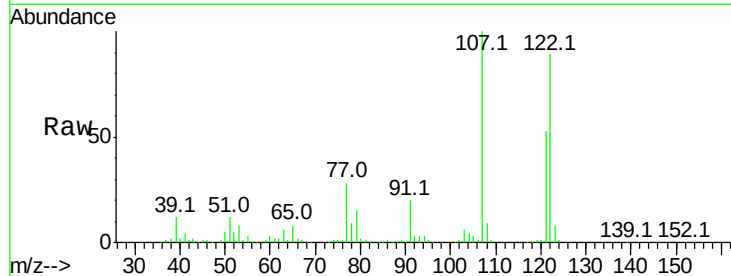




#27
 2,4-Dimethylphenol
 Concen: 38.432 ng
 RT: 7.66 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: BF102463.D
 Acq: 26 Jan 2018 12:46

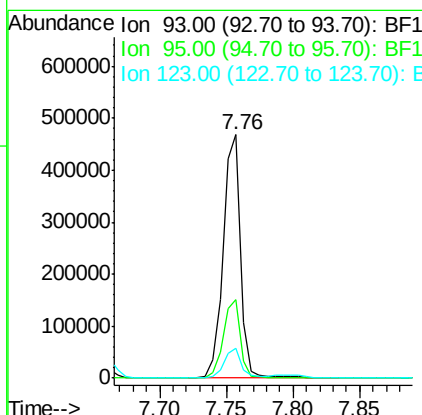
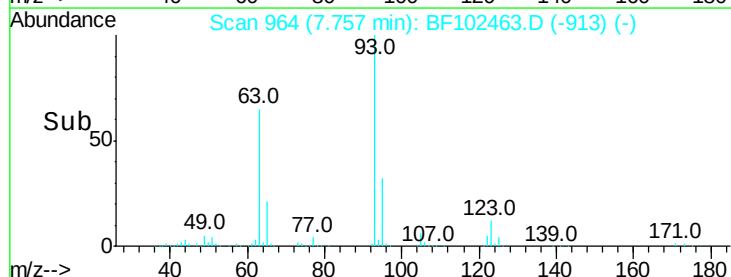
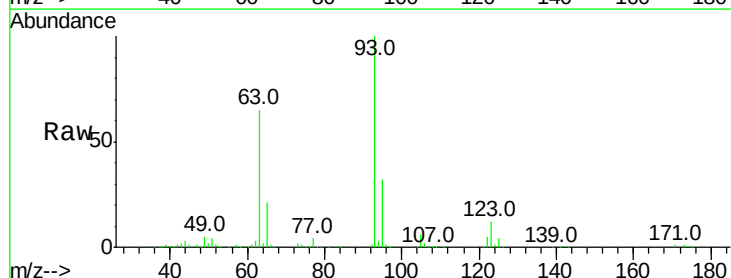
Instrument :
 BNA_F
 ClientSampled :

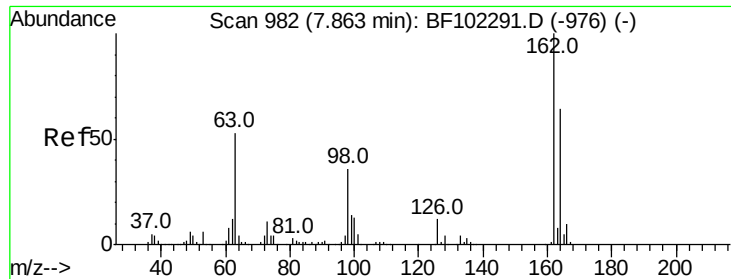
Tot Ion:122 Resp: 304452
 Ion Ratio Lower Upper
 122 100
 107 113.0 91.2 136.8
 121 60.0 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.807 ng
 RT: 7.76 min Scan# 964
 Delta R.T. 0.00 min
 Lab File: BF102463.D
 Acq: 26 Jan 2018 12:46

Tgt Ion: 93 Resp: 432889
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.3 39.5
 123 12.2 9.8 14.6

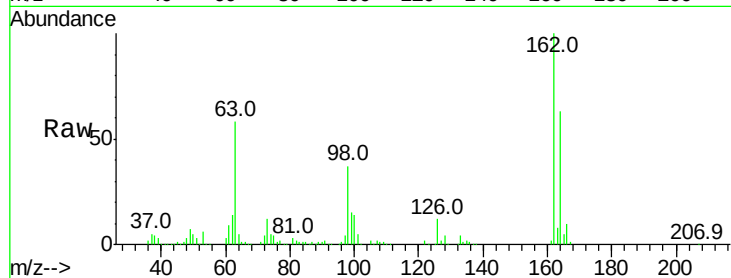




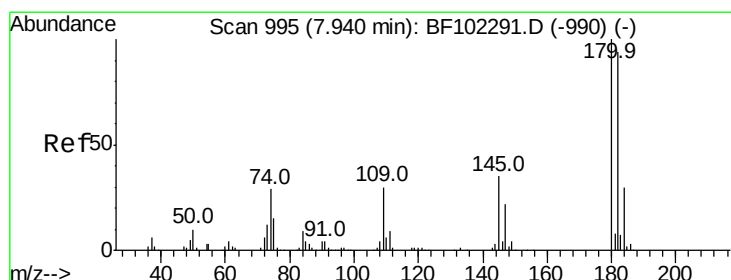
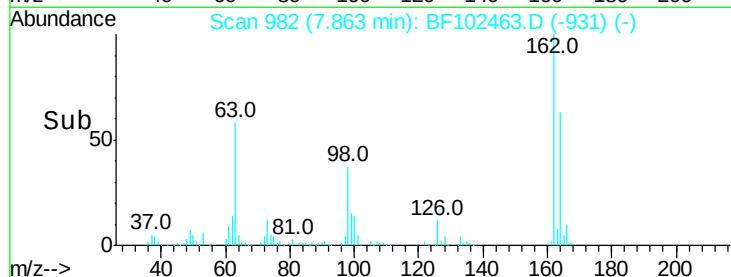
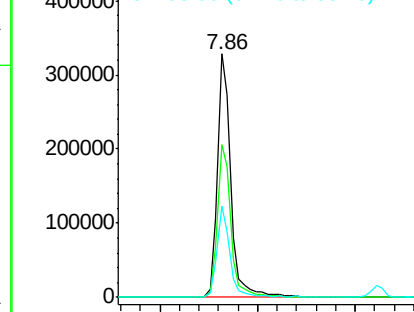
#29
2,4-Dichlorophenol
Concen: 38.909 ng
RT: 7.86 min Scan# 982
Delta R.T. 0.00 min
Lab File: BF102463.D
Acq: 26 Jan 2018 12:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 313972
Ion Ratio Lower Upper
162 100
164 63.0 42.7 82.7
98 37.3 18.1 58.1

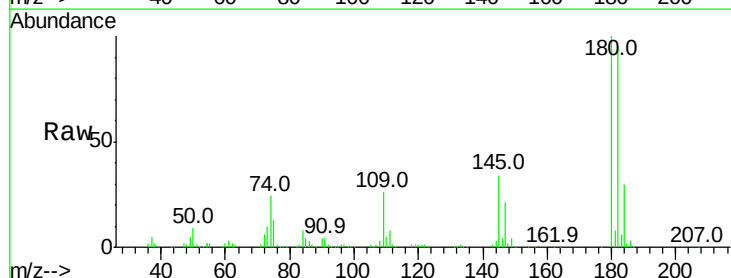


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

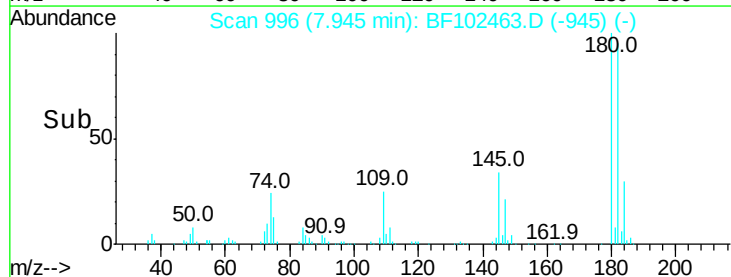
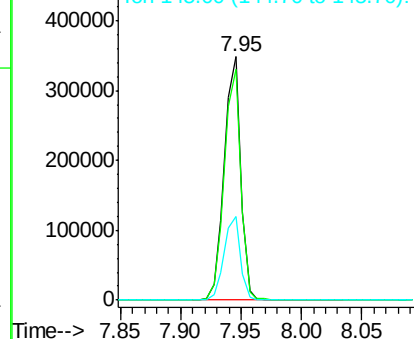


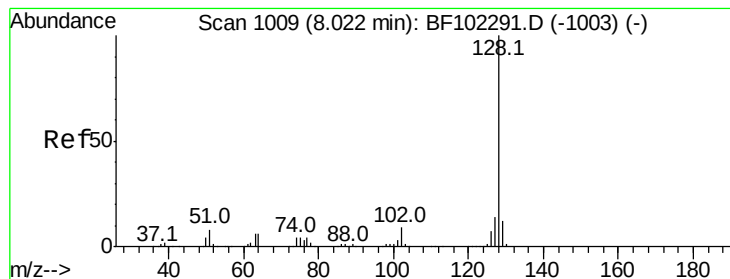
#30
1,2,4-Trichlorobenzene
Concen: 37.929 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF102463.D
Acq: 26 Jan 2018 12:46

Tgt Ion:180 Resp: 328088
Ion Ratio Lower Upper
180 100
182 95.0 76.8 115.2
145 34.4 26.5 39.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.079 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF102463.D

Acq: 26 Jan 2018 12:46

Instrument :

BNA_F

ClientSampleId :

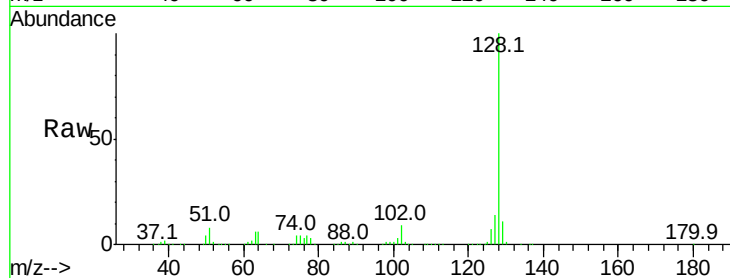
Tot Ion:128 Resp: 1106689

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

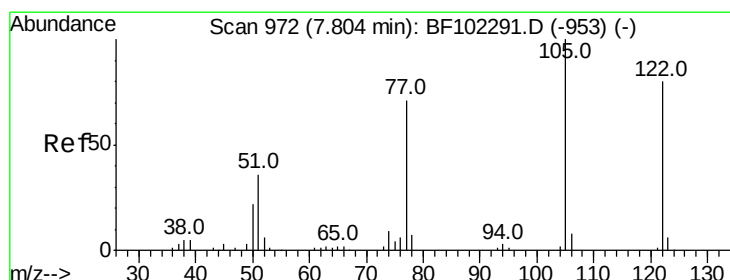
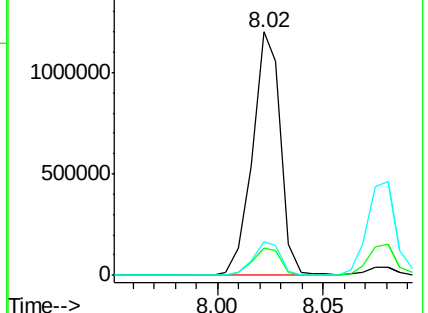
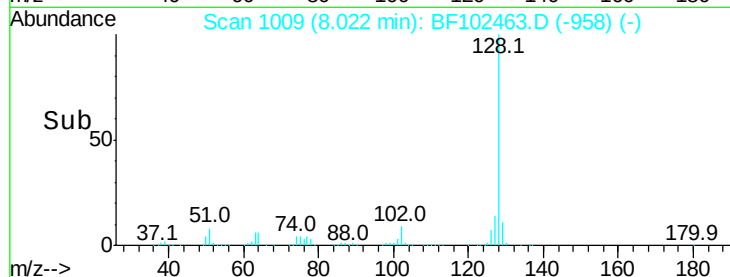
127 13.7 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 27.146 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.00 min

Lab File: BF102463.D

Acq: 26 Jan 2018 12:46

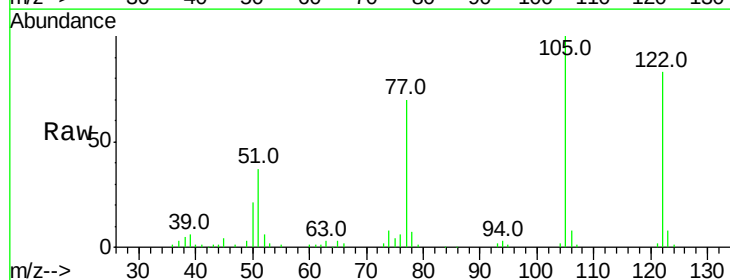
Tgt Ion:122 Resp: 180170

Ion Ratio Lower Upper

122 100

105 120.7 101.1 141.1

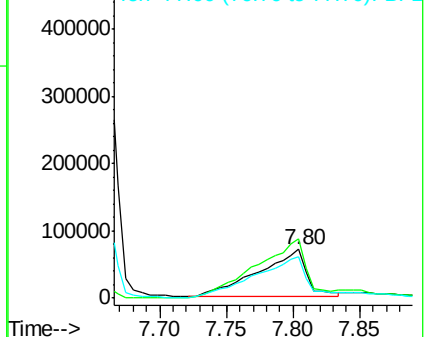
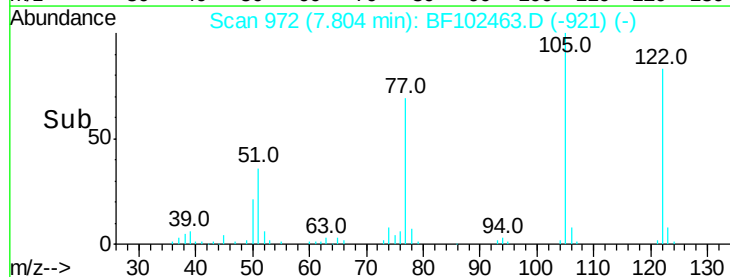
77 83.9 70.7 110.7

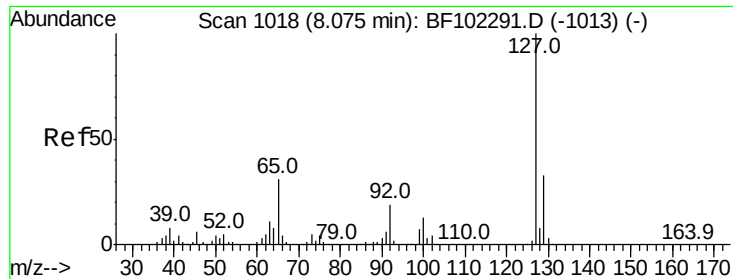


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

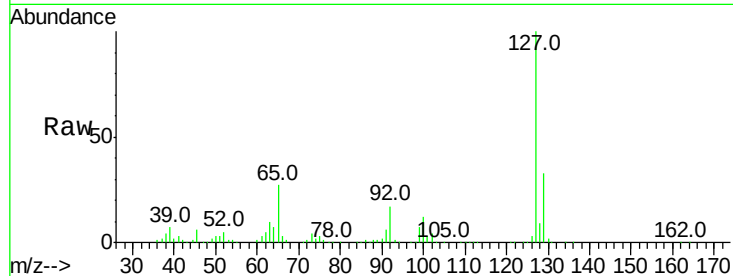




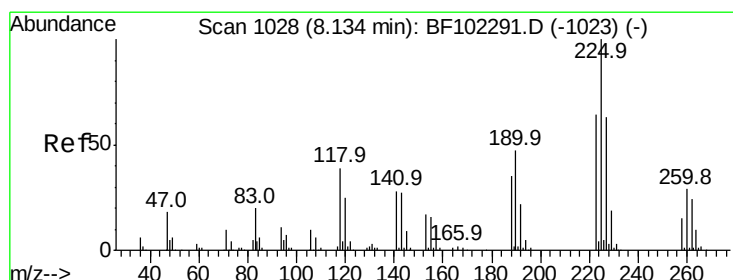
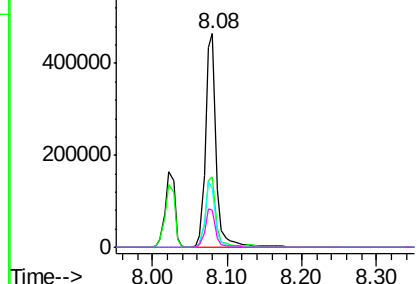
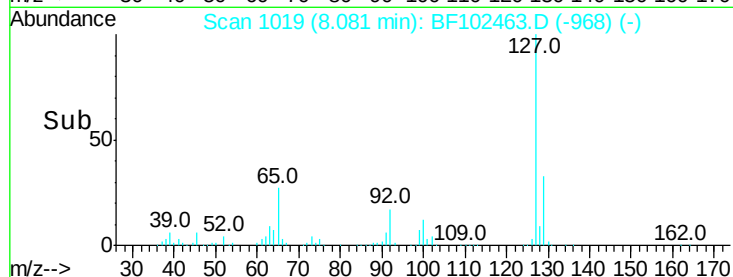
#33
4-Chloroaniline
Concen: 38.532 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF102463.D
Acq: 26 Jan 2018 12:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	470912
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.9	38.9
65	27.4	25.0	37.4
92	17.4	15.2	22.8

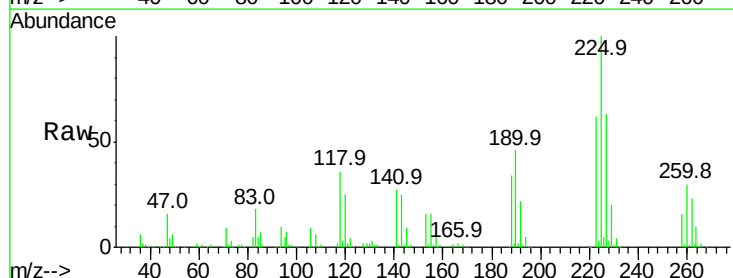


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

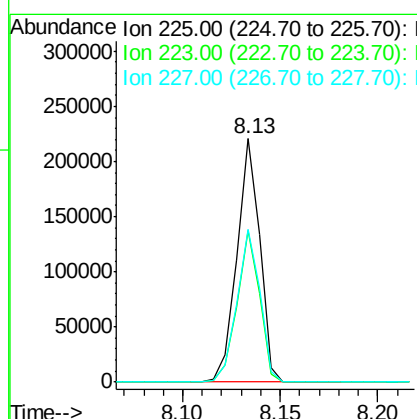
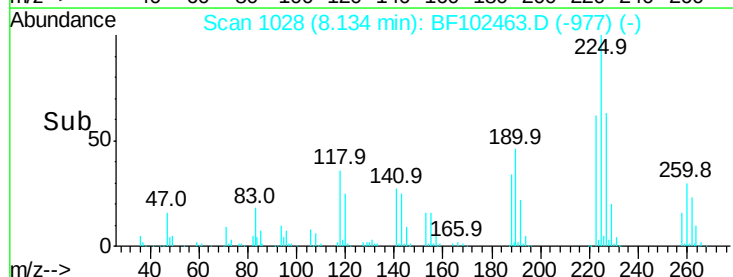


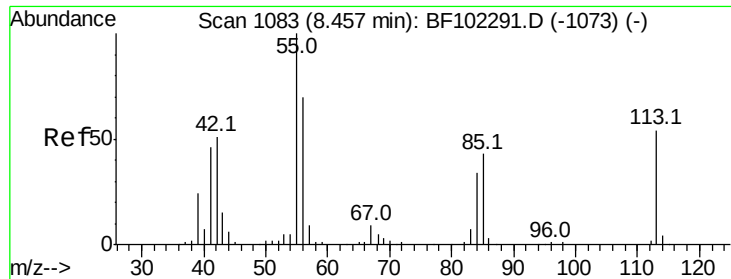
#34
Hexachlorobutadiene
Concen: 38.831 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF102463.D
Acq: 26 Jan 2018 12:46

Tgt Ion:	225	Resp:	179397
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.6	76.0
227	62.5	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

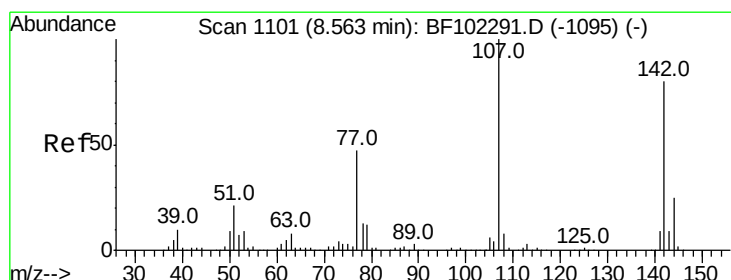
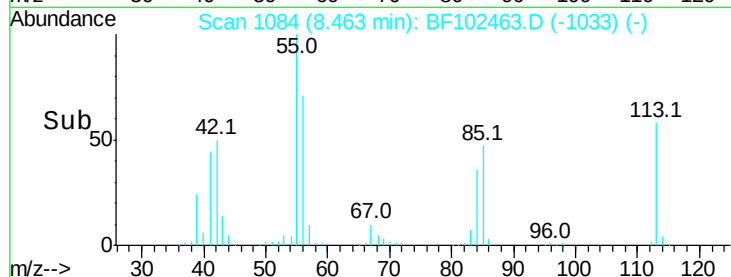
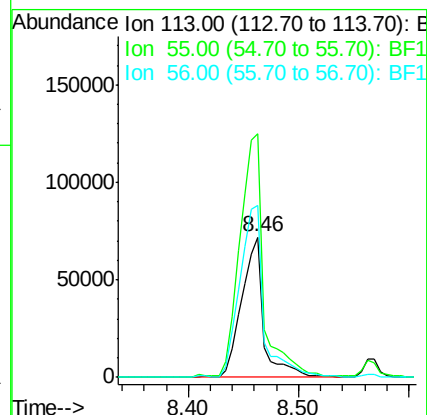
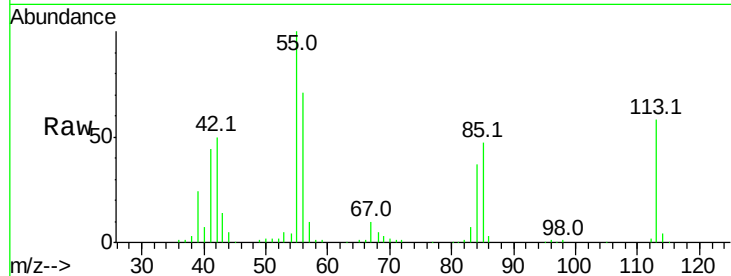




#35
 Caprolactam
 Concen: 38.176 ng
 RT: 8.46 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: BF102463.D
 Acq: 26 Jan 2018 12:46

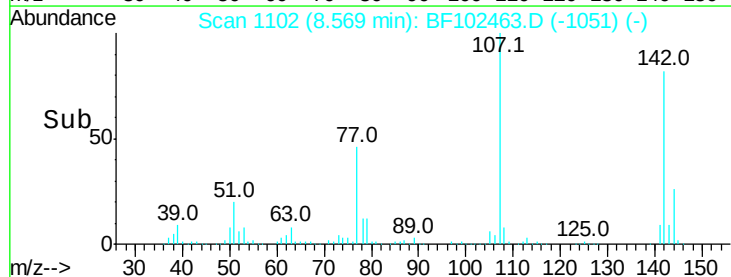
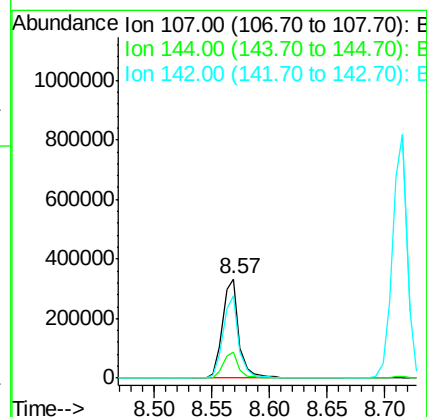
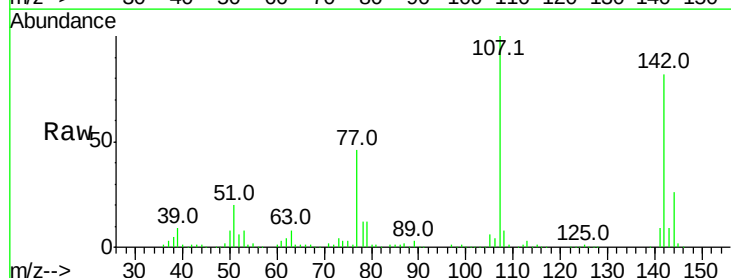
Instrument :
 BNA_F
 ClientSampleId :

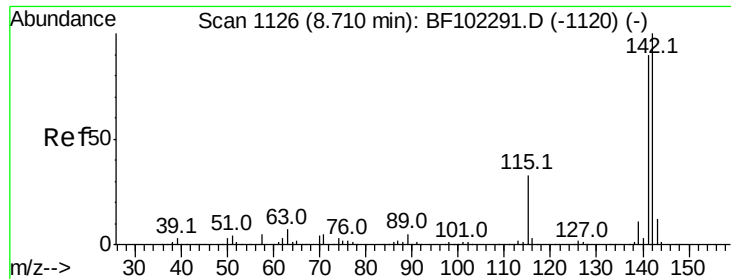
Tot Ion:113 Resp: 101740
 Ion Ratio Lower Upper
 113 100
 55 173.3 163.3 203.3
 56 122.7 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 38.452 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BF102463.D
 Acq: 26 Jan 2018 12:46

Tgt Ion:107 Resp: 327061
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.5 30.7
 142 82.2 62.0 93.0

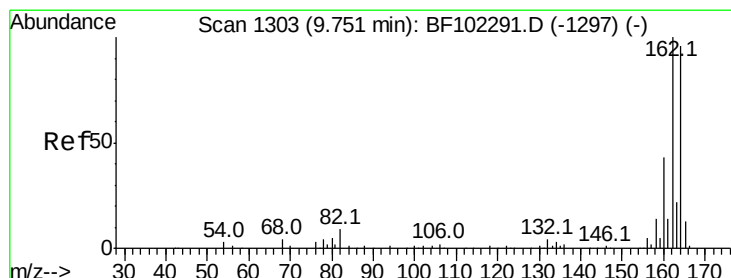
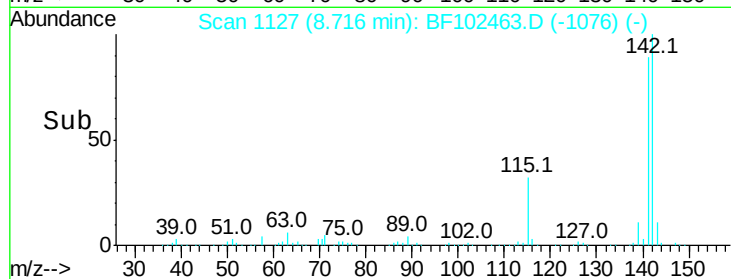
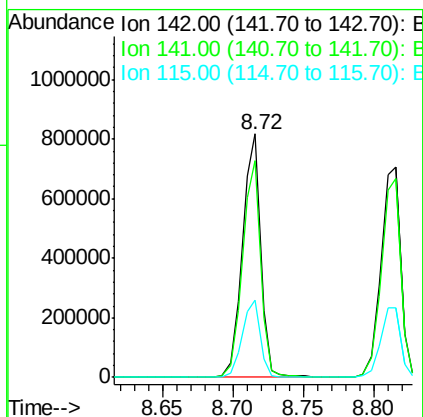
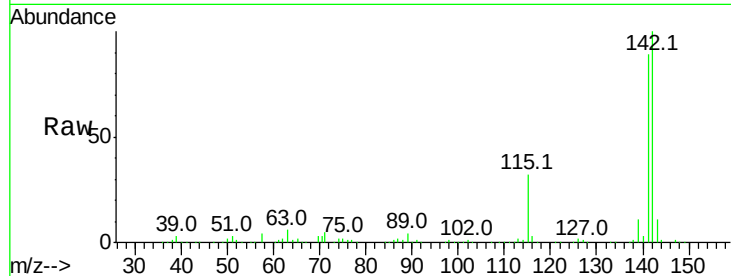




#37
 2-Methylnaphthalene
 Concen: 37.874 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.00 min
 Lab File: BF102463.D
 Acq: 26 Jan 2018 12:46

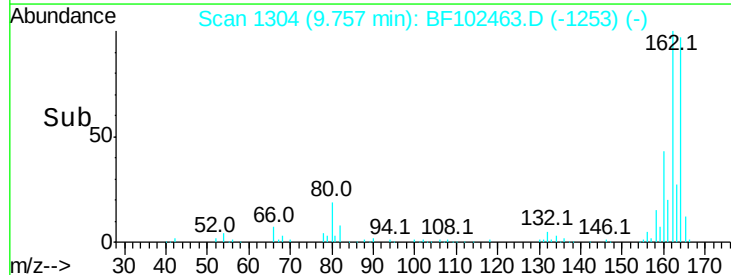
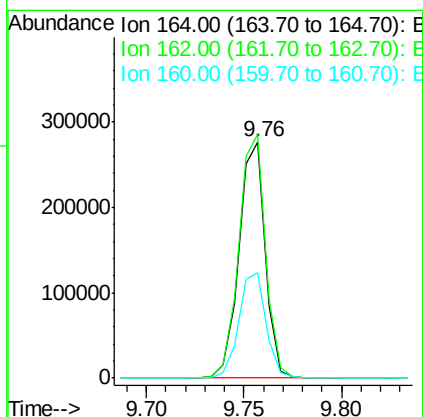
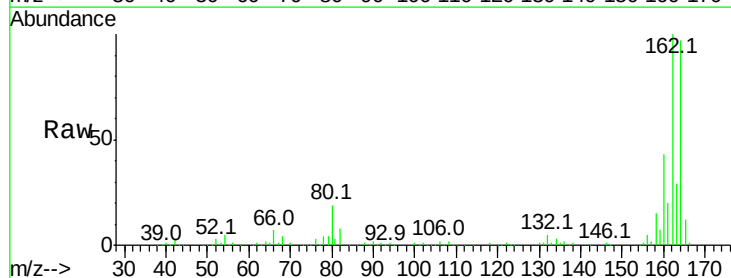
Instrument :
 BNA_F
 ClientSampleId :

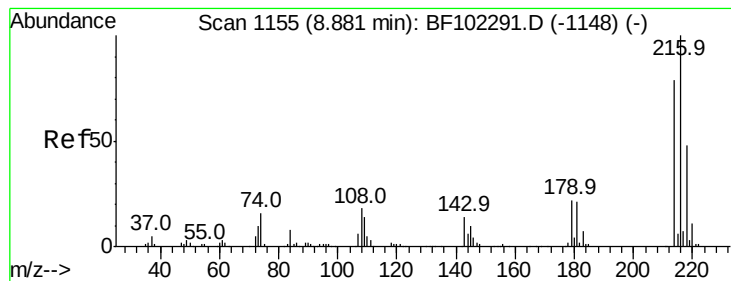
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.8	106.2
115	31.5	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF102463.D
 Acq: 26 Jan 2018 12:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	44.5	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.275 ng

RT: 8.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF102463.D

Acq: 26 Jan 2018 12:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 295991

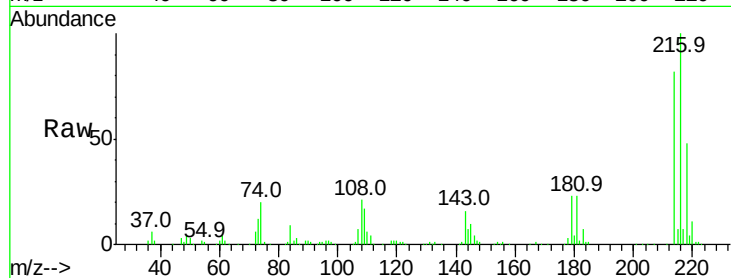
Ion Ratio Lower Upper

216 100

214 81.3 63.0 94.4

179 22.9 18.1 27.1

108 21.9 17.2 25.8

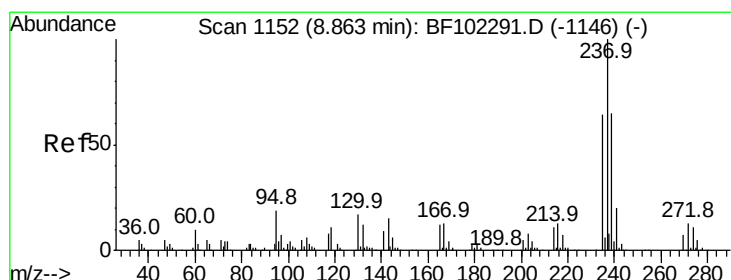
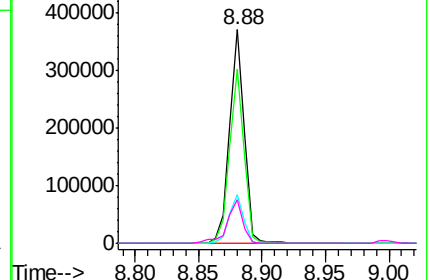
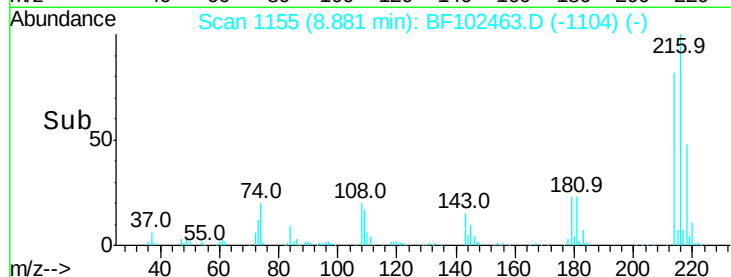


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 38.356 ng

RT: 8.86 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BF102463.D

Acq: 26 Jan 2018 12:46

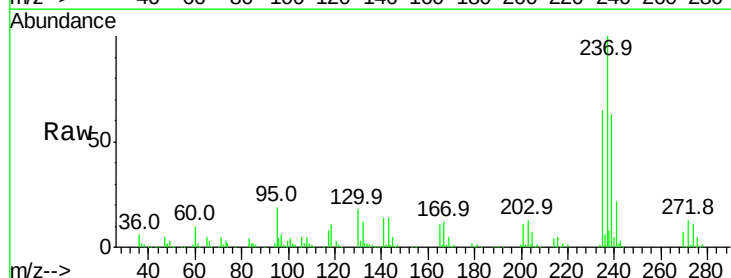
Tgt Ion:237 Resp: 132742

Ion Ratio Lower Upper

237 100

235 64.6 44.8 84.8

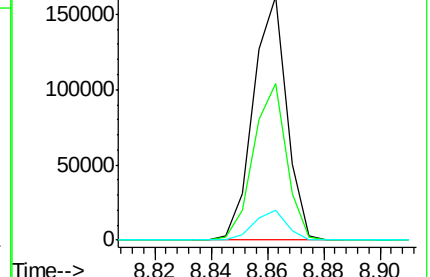
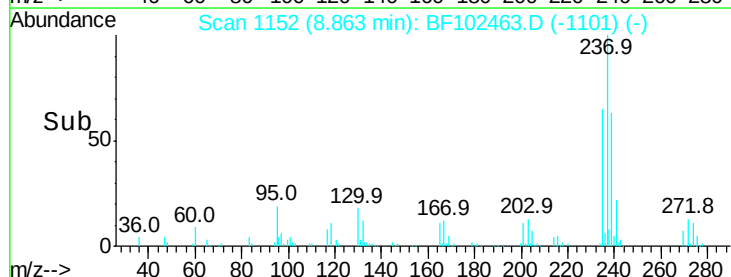
272 12.5 0.0 33.3

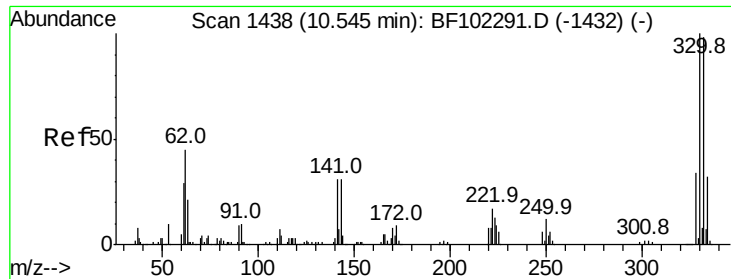


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

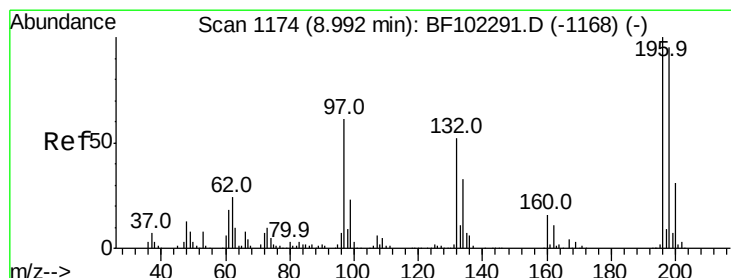
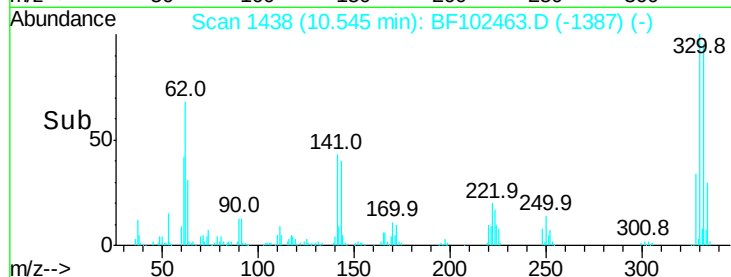
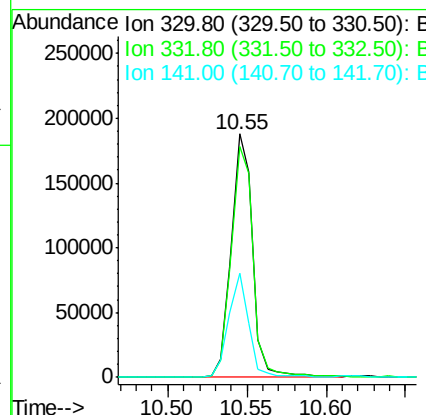
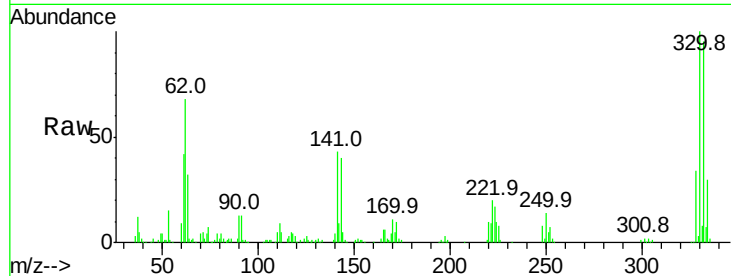




#41
 2,4,6-Tribromophenol
 Concen: 69.145 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF102463.D
 Acq: 26 Jan 2018 12:46

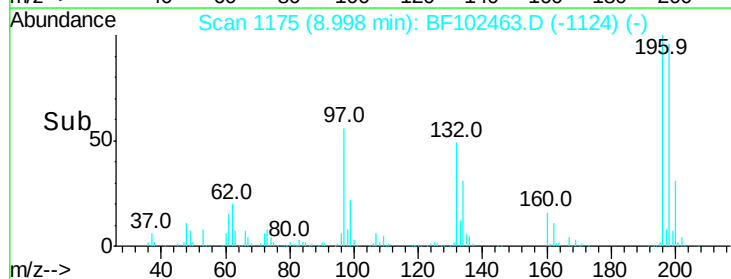
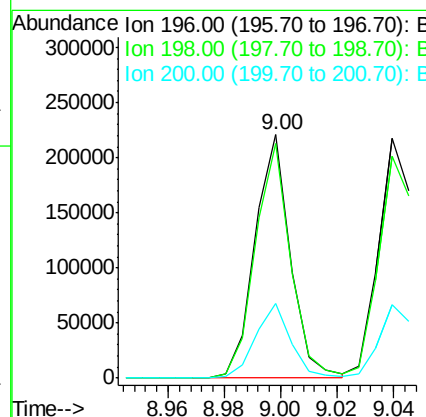
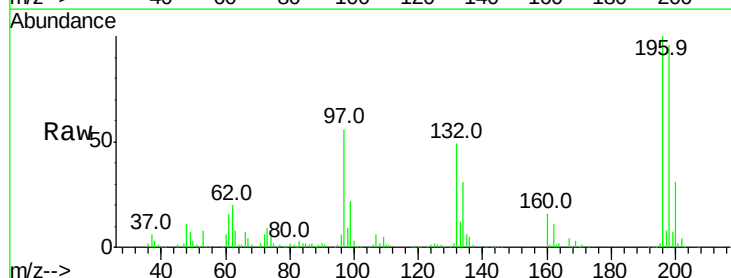
Instrument :
 BNA_F
 ClientSampled :

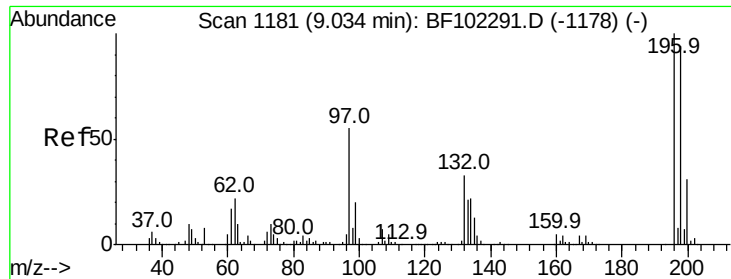
Tot Ion:330 Resp: 176104
 Ion Ratio Lower Upper
 330 100
 332 98.4 77.0 115.6
 141 40.5 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 37.132 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF102463.D
 Acq: 26 Jan 2018 12:46

Tgt Ion:196 Resp: 192225
 Ion Ratio Lower Upper
 196 100
 198 96.2 75.7 113.5
 200 30.9 24.5 36.7

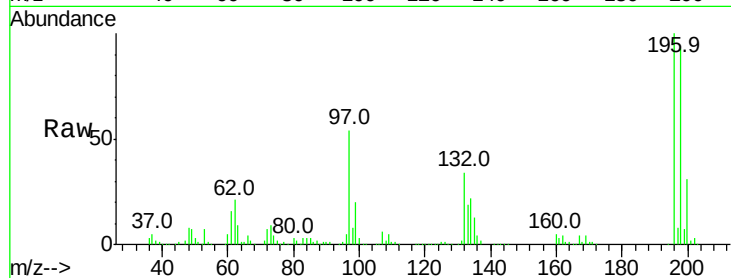




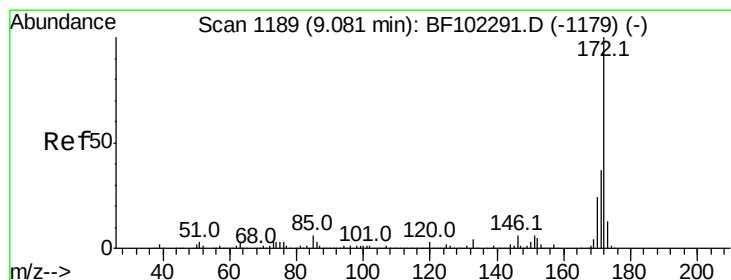
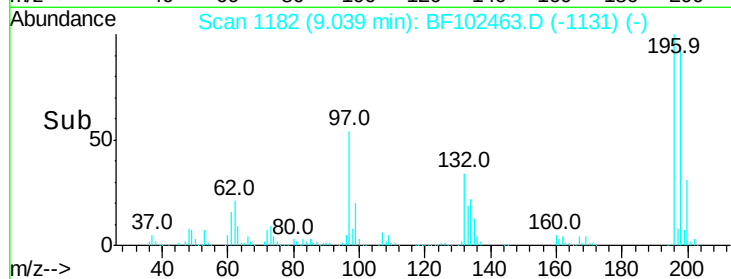
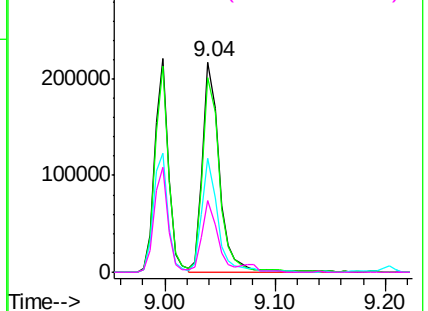
#43
 2,4,5-Trichlorophenol
 Concen: 38.172 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF102463.D
 Acq: 26 Jan 2018 12:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 222495
 Ion Ratio Lower Upper
 196 100
 198 92.8 74.6 112.0
 97 54.5 42.9 64.3
 132 33.9 26.3 39.5

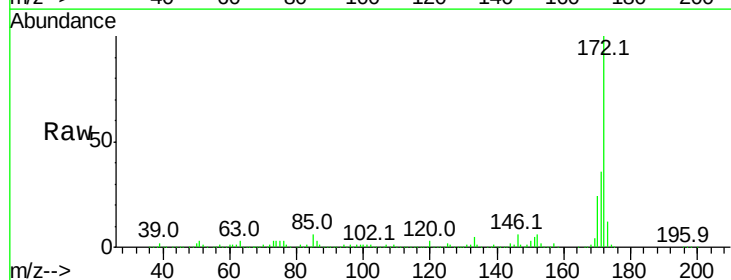


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

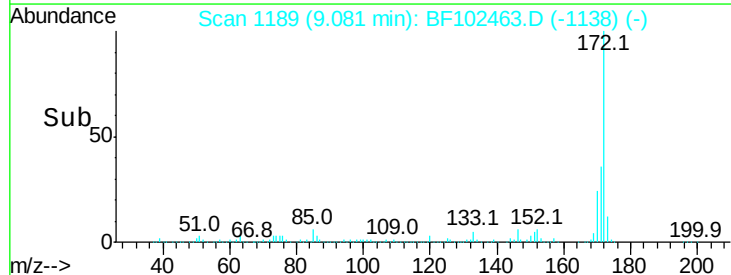
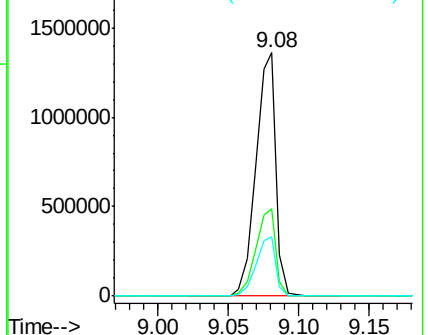


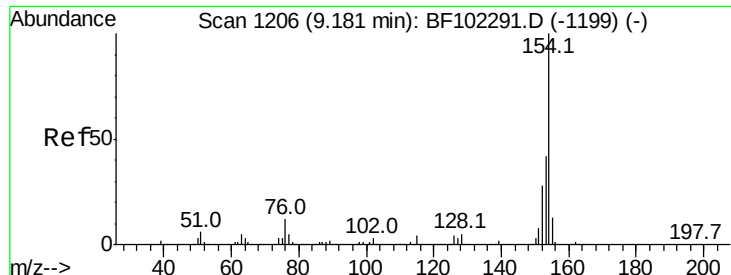
#44
 2-Fluorobiphenyl
 Concen: 77.397 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF102463.D
 Acq: 26 Jan 2018 12:46

Tgt Ion:172 Resp: 1353003
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.1 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

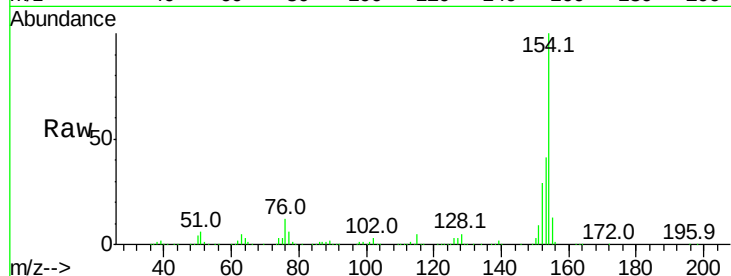




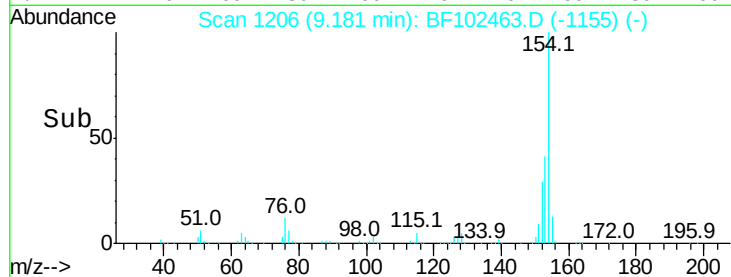
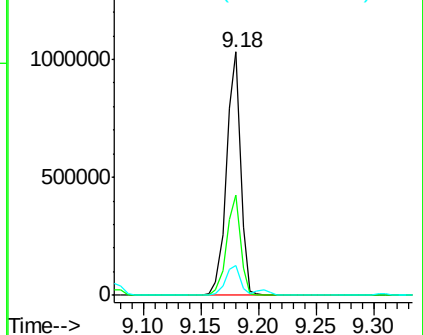
#45
 1,1'-Biphenyl
 Concen: 38.071 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF102463.D
 Acq: 26 Jan 2018 12:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.3	61.3
76	12.4	0.0	34.0

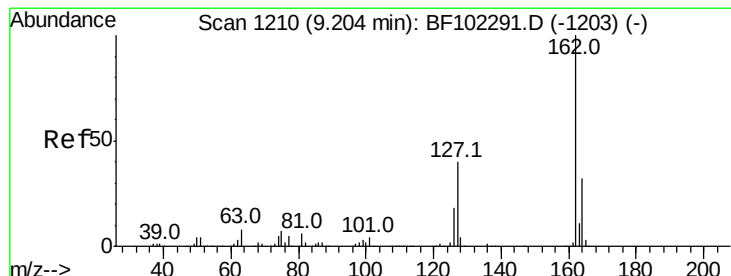


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

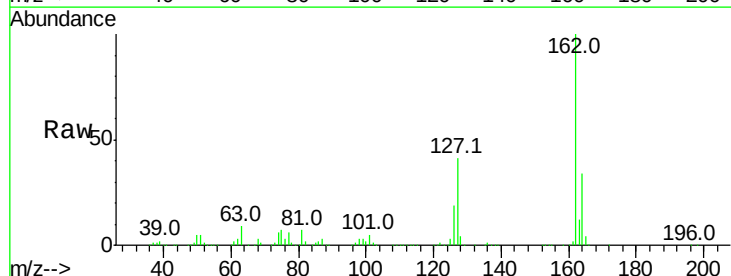
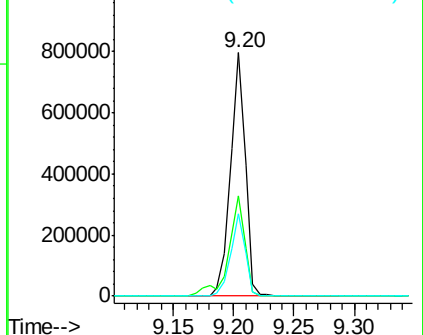


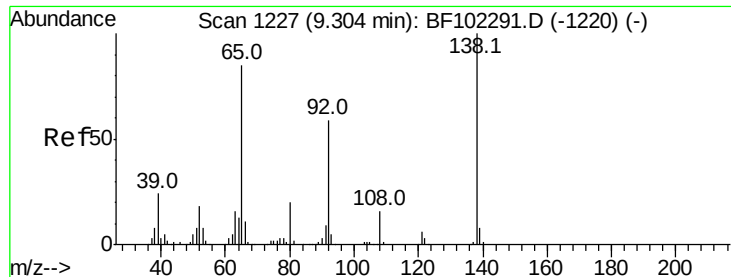
#46
 2-Chloronaphthalene
 Concen: 38.324 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BF102463.D
 Acq: 26 Jan 2018 12:46

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.0	33.9	50.9
164	33.7	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

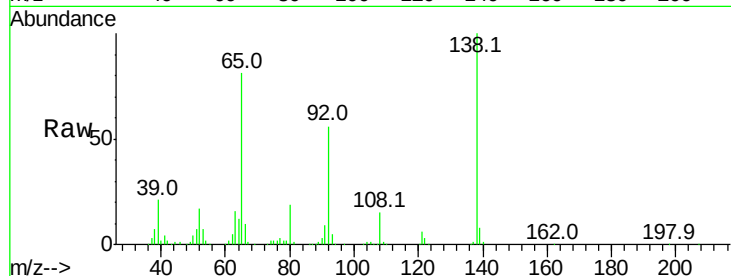




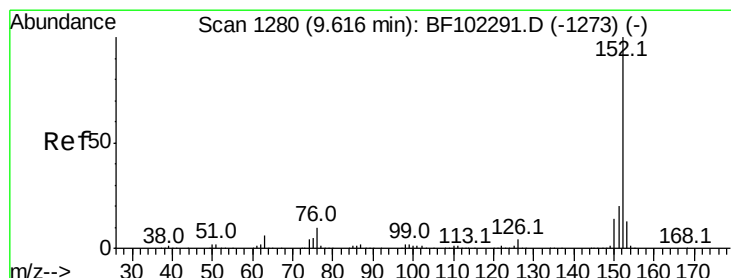
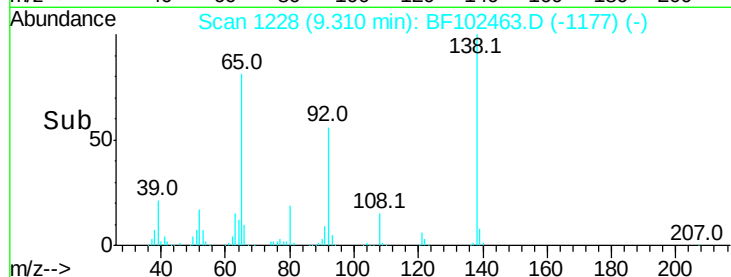
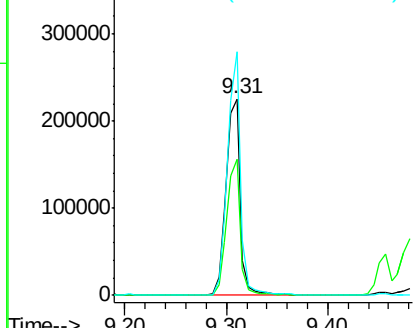
#47
2-Nitroaniline
Concen: 39.810 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF102463.D
Acq: 26 Jan 2018 12:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 221727
Ion Ratio Lower Upper
65 100
92 69.4 55.8 83.6
138 123.8 91.2 136.8

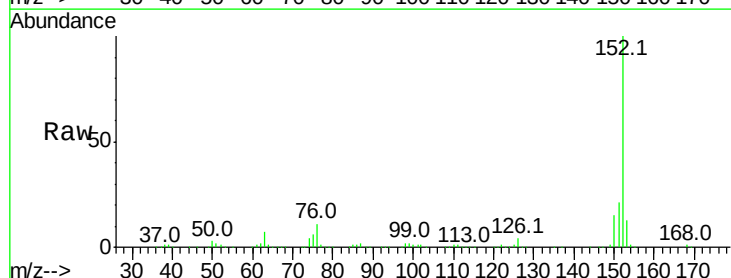


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

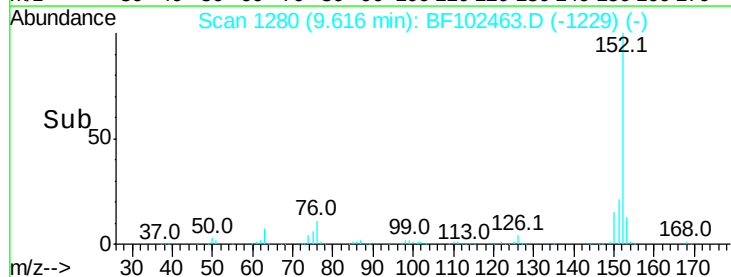
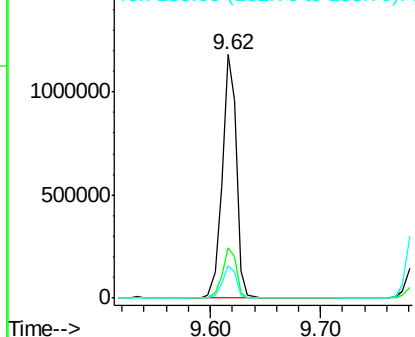


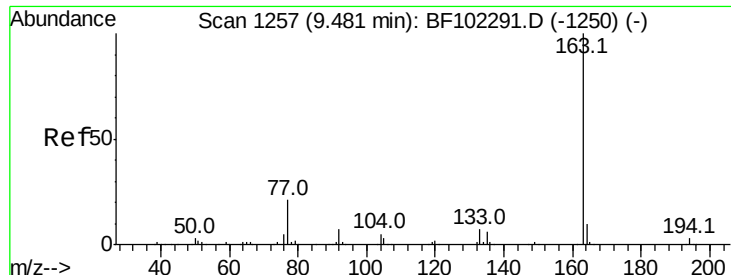
#48
Acenaphthylene
Concen: 37.972 ng
RT: 9.62 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BF102463.D
Acq: 26 Jan 2018 12:46

Tgt Ion: 152 Resp: 1056838
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 13.5 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

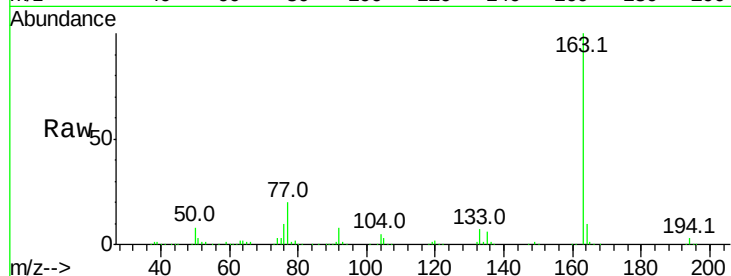




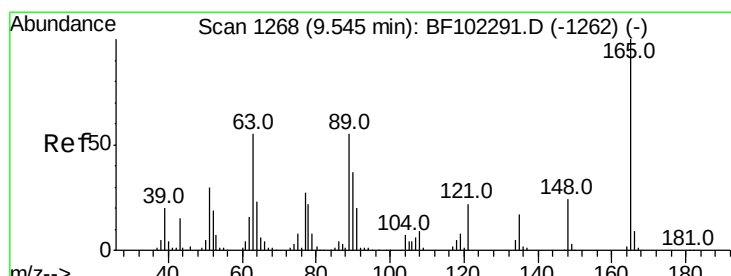
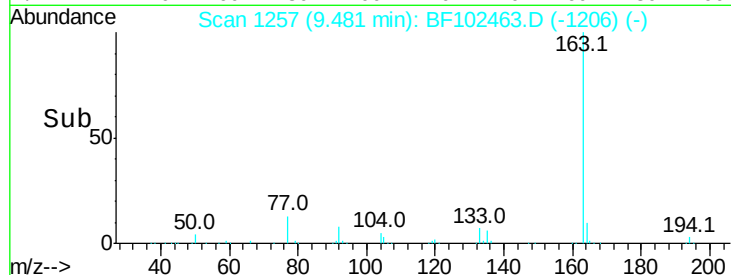
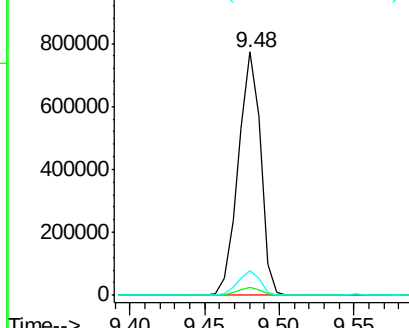
#49
Dimethylphthalate
Concen: 37.997 ng
RT: 9.48 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BF102463.D
Acq: 26 Jan 2018 12:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 807280
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.1 8.2 12.2

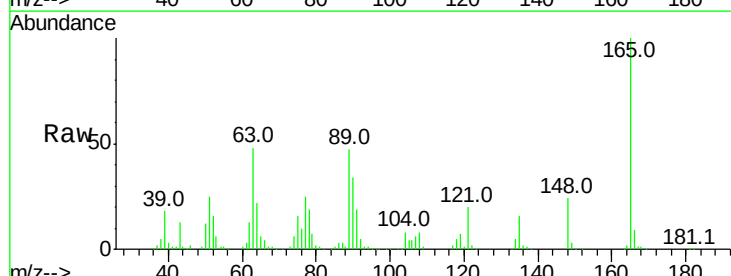


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

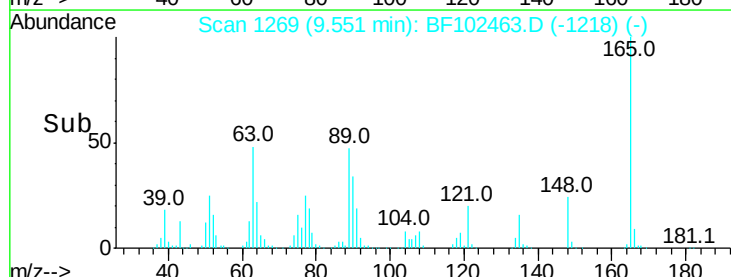
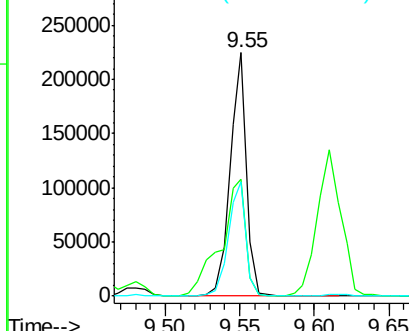


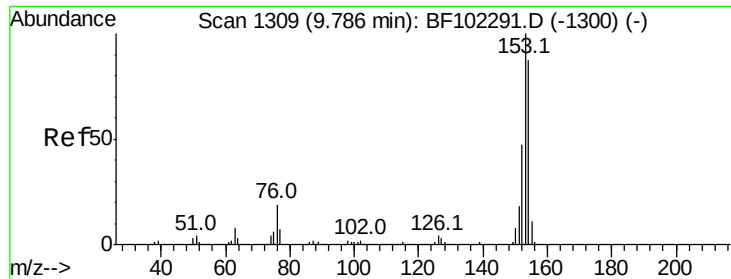
#50
2,6-Dinitrotoluene
Concen: 38.259 ng
RT: 9.55 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF102463.D
Acq: 26 Jan 2018 12:46

Tgt Ion:165 Resp: 175251
Ion Ratio Lower Upper
165 100
63 48.1 44.7 67.1
89 46.9 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: 37.993 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF102463.D

Acq: 26 Jan 2018 12:46

Instrument :

BNA_F

ClientSampleId :

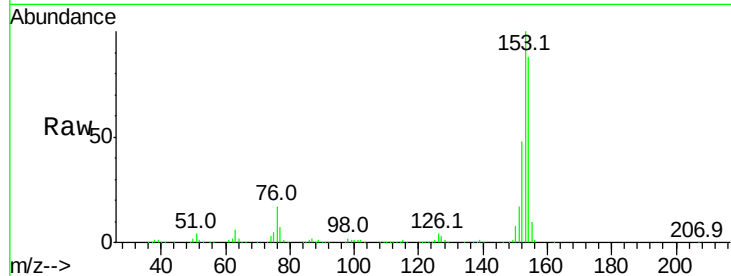
Tot Ion:154 Resp: 617567

Ion Ratio Lower Upper

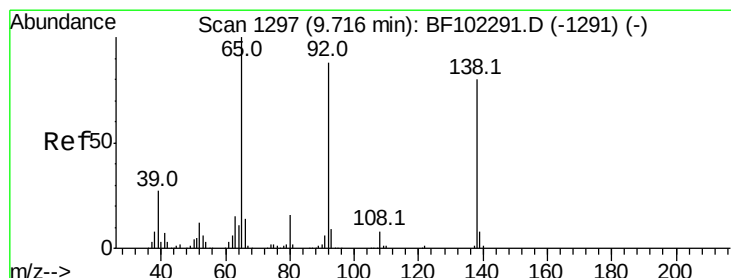
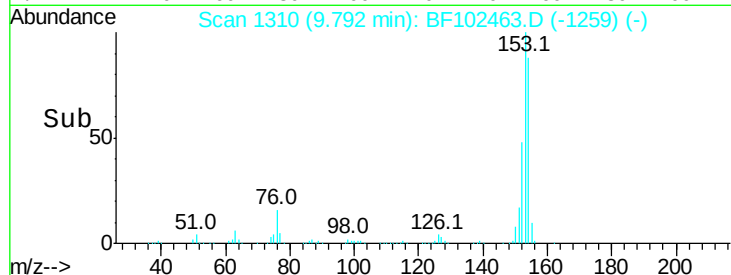
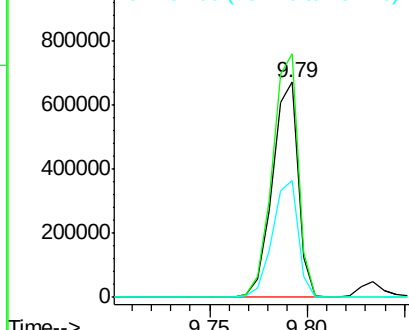
154 100

153 113.2 91.2 136.8

152 54.4 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 38.325 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF102463.D

Acq: 26 Jan 2018 12:46

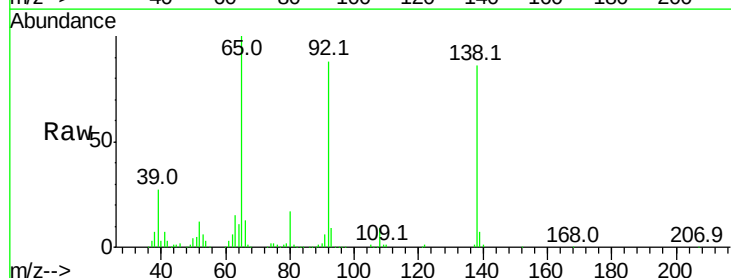
Tgt Ion:138 Resp: 207674

Ion Ratio Lower Upper

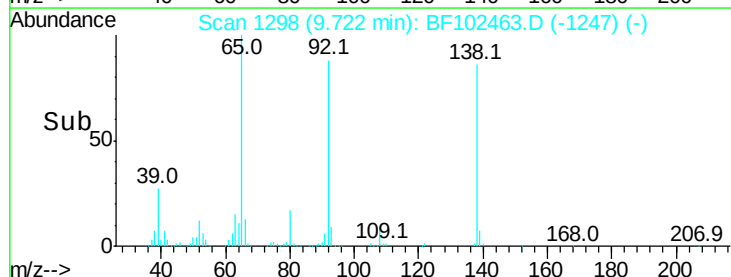
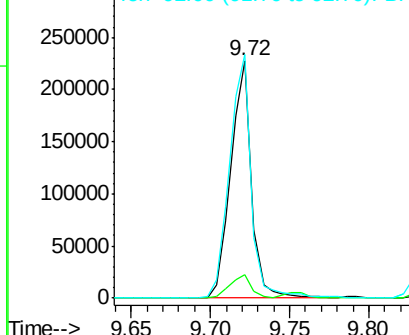
138 100

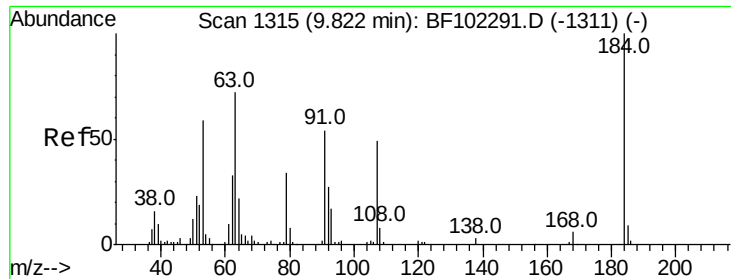
108 10.1 9.4 14.0

92 102.6 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

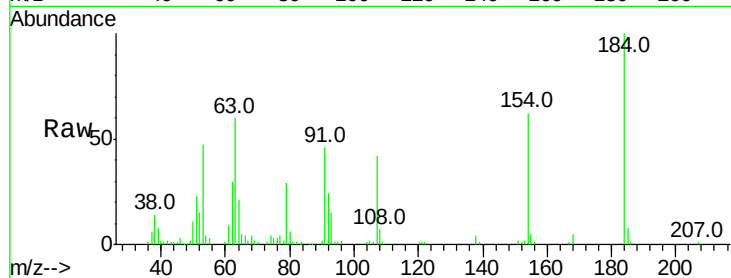




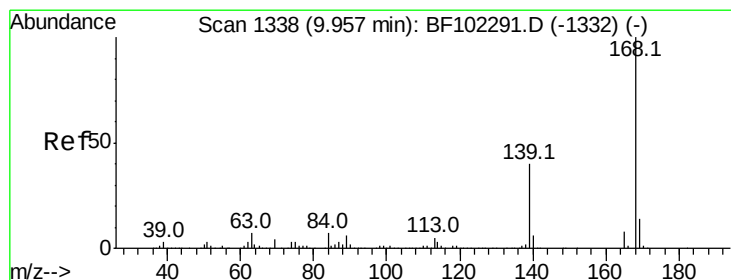
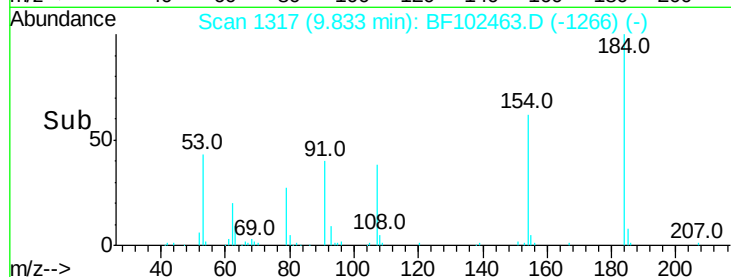
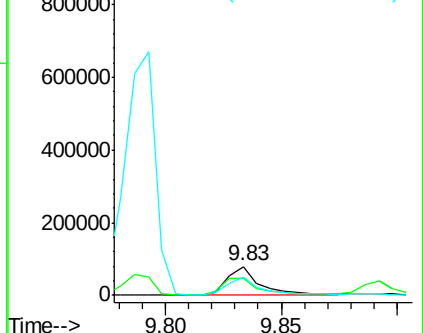
#53
2,4-Dinitrophenol
Concen: 41.076 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF102463.D
Acq: 26 Jan 2018 12:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 80545
Ion Ratio Lower Upper
184 100
63 60.3 54.2 81.2
154 62.5 184.0 276.0#

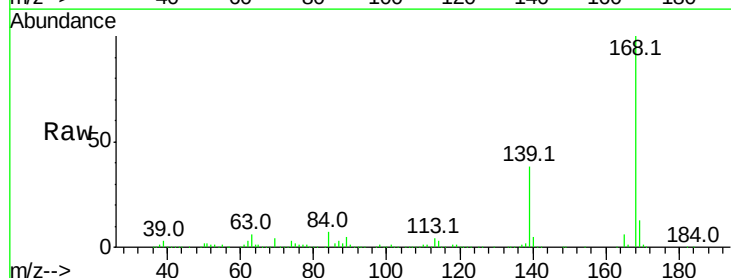


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

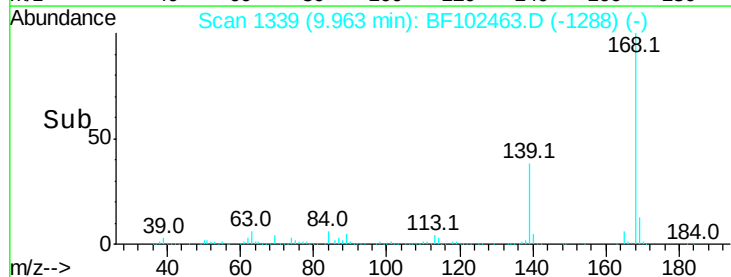
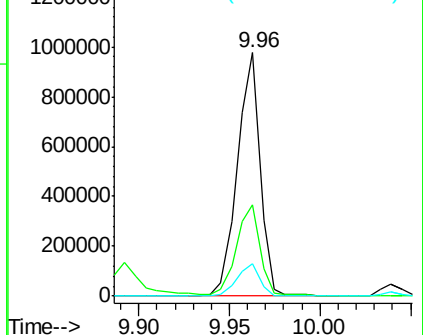


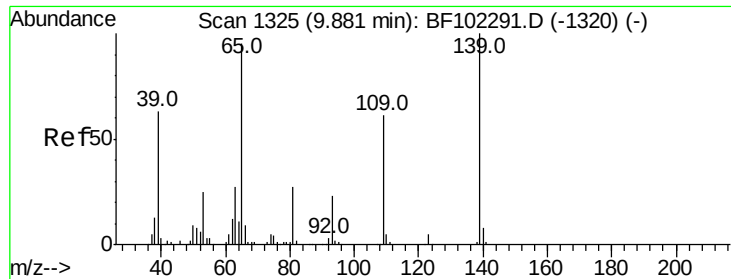
#54
Dibenzofuran
Concen: 38.972 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF102463.D
Acq: 26 Jan 2018 12:46

Tgt Ion:168 Resp: 857324
Ion Ratio Lower Upper
168 100
139 37.6 30.1 45.1
169 13.3 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

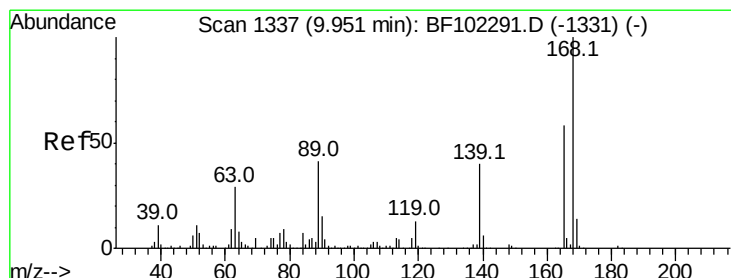
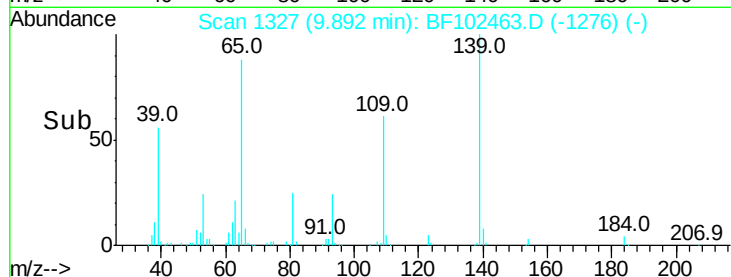
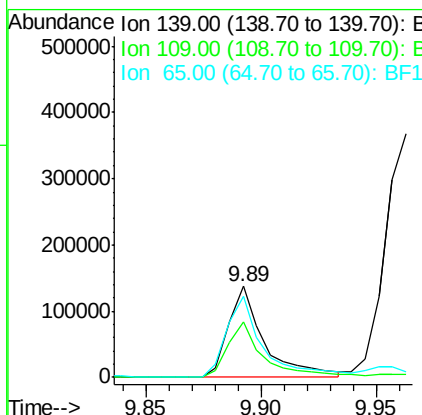
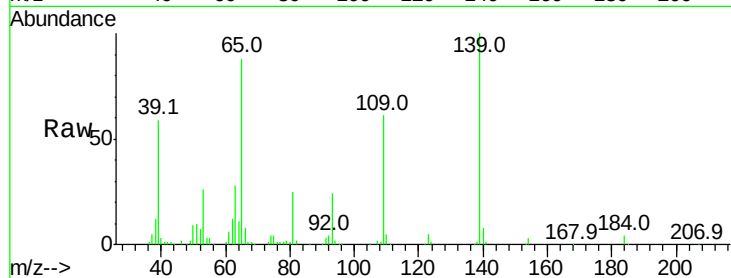




#55
4-Nitrophenol
Concen: 41.545 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BF102463.D
Acq: 26 Jan 2018 12:46

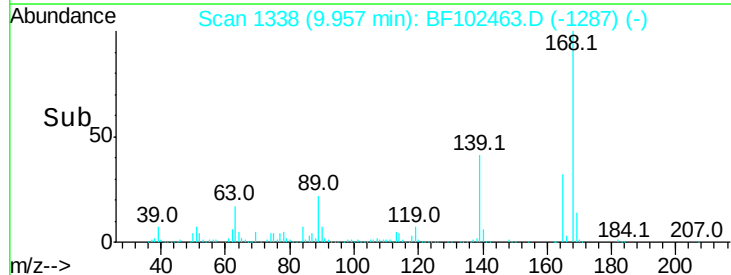
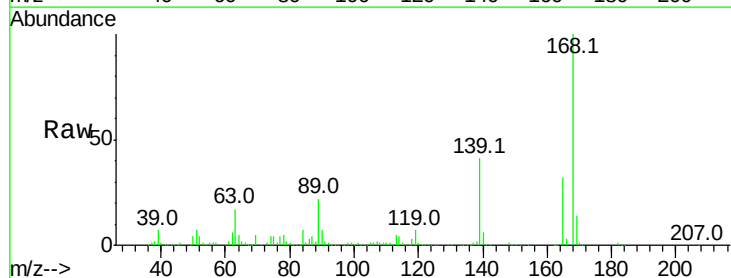
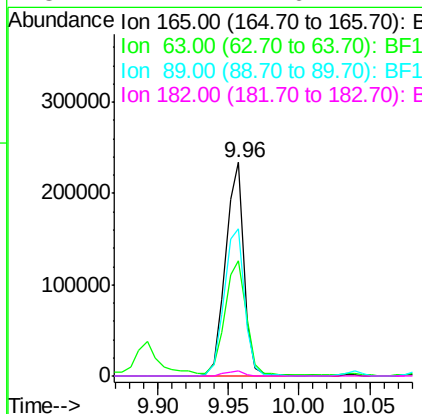
Instrument :
BNA_F
ClientSampled :

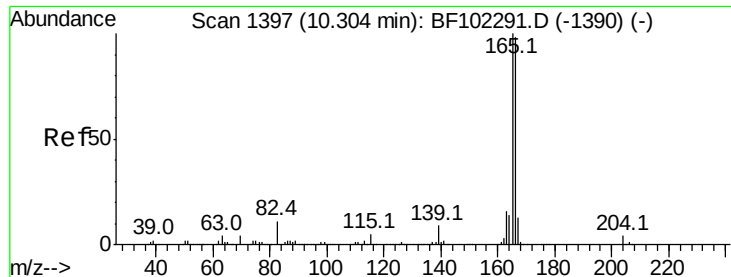
Tot Ion:139 Resp: 148603
Ion Ratio Lower Upper
139 100
109 60.6 48.4 88.4
65 88.4 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 37.715 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF102463.D
Acq: 26 Jan 2018 12:46

Tgt Ion:165 Resp: 212445
Ion Ratio Lower Upper
165 100
63 54.0 36.4 54.6
89 69.1 57.8 86.6
182 2.2 1.6 2.4





#57

Fluorene

Concen: 39.350 ng

RT: 10.30 min Scan# 1397

Delta R.T. 0.00 min

Lab File: BF102463.D

Acq: 26 Jan 2018 12:46

Instrument :

BNA_F

ClientSampleId :

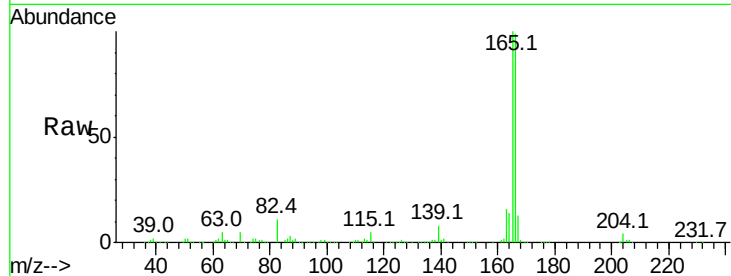
Tot Ion:166 Resp: 685933

Ion Ratio Lower Upper

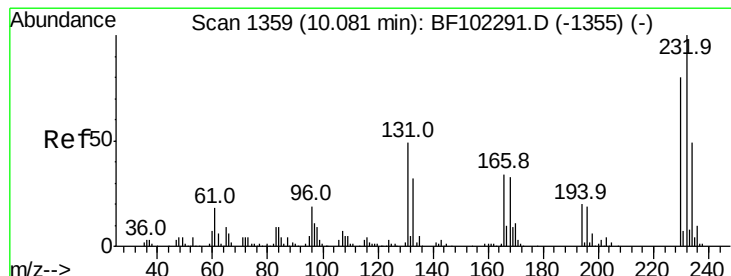
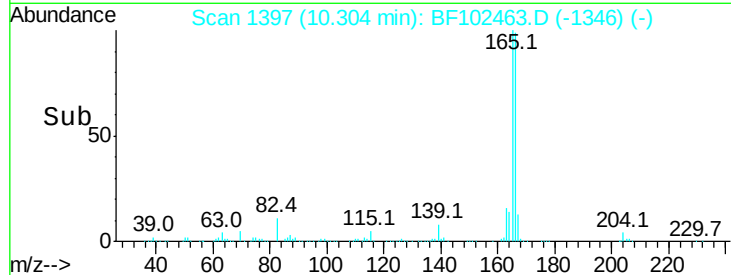
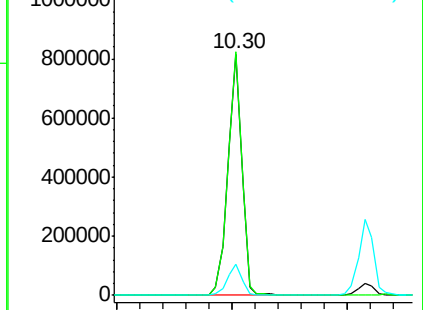
166 100

165 100.8 79.8 119.8

167 13.0 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: 37.048 ng

RT: 10.08 min Scan# 1359

Delta R.T. 0.00 min

Lab File: BF102463.D

Acq: 26 Jan 2018 12:46

Tgt Ion:232 Resp: 154183

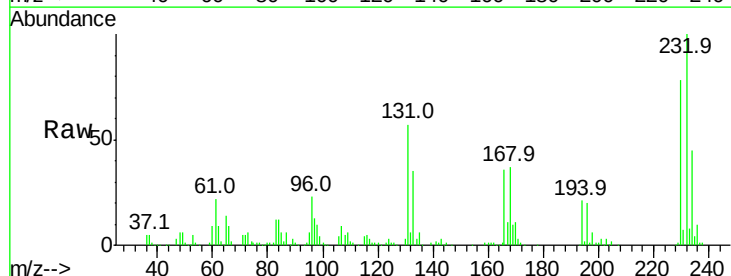
Ion Ratio Lower Upper

232 100

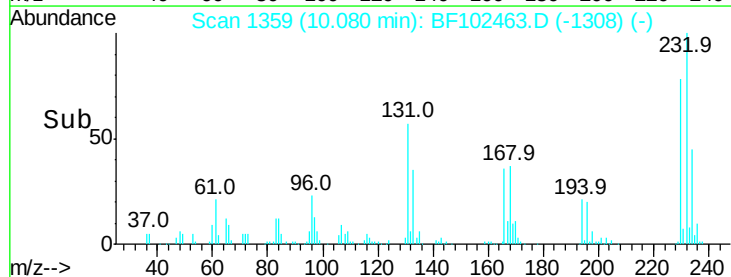
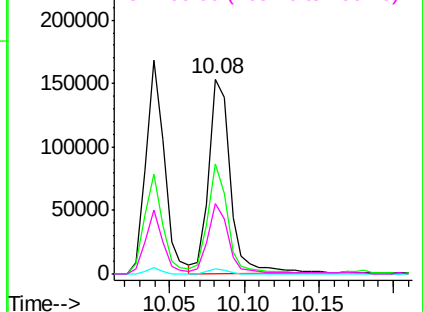
131 51.7 43.8 65.8

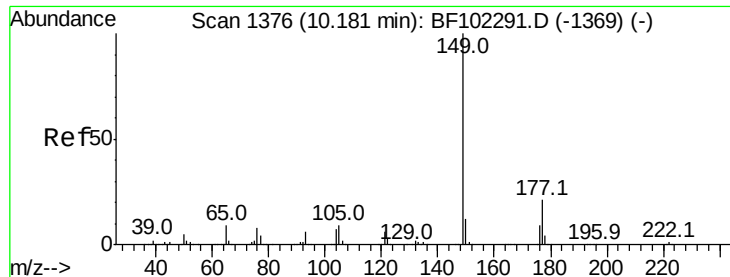
130 2.5 2.1 3.1

166 34.4 27.8 41.6



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

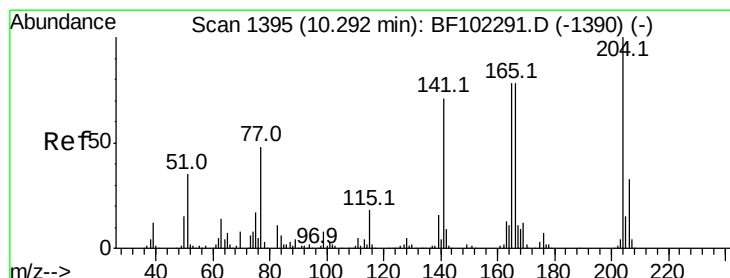
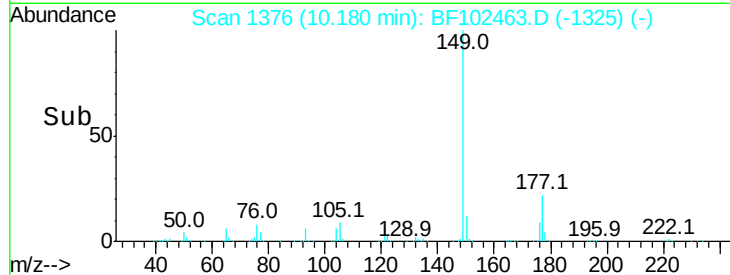
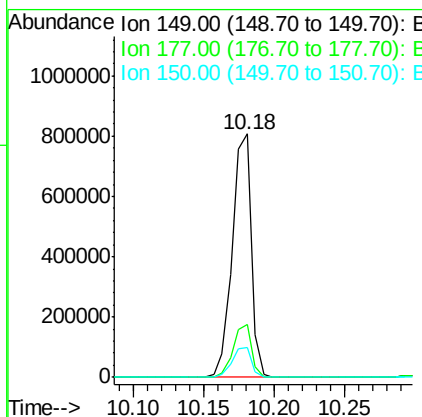
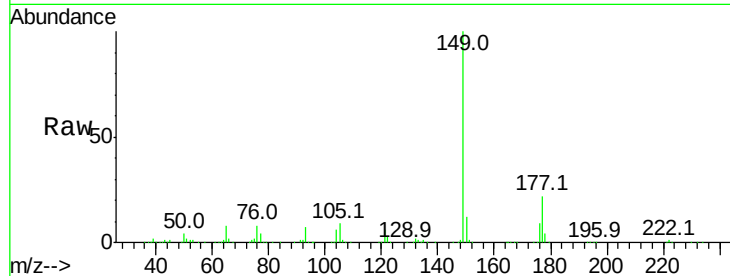




#59
 Diethylphthalate
 Concen: 36.853 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.00 min
 Lab File: BF102463.D
 Acq: 26 Jan 2018 12:46

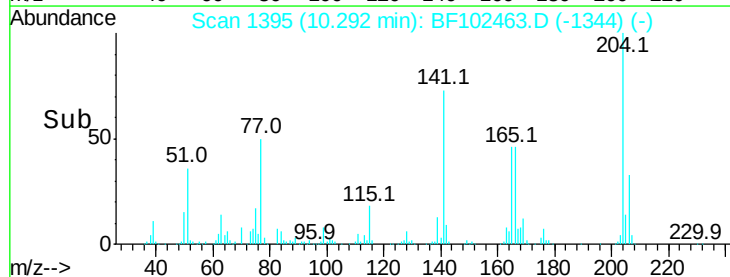
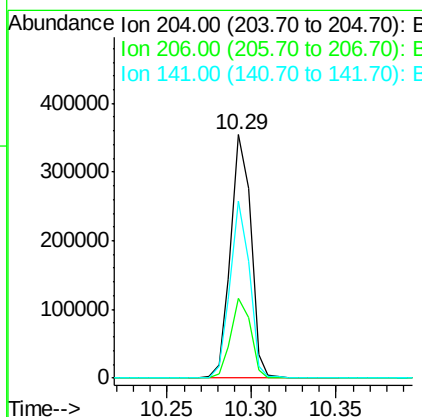
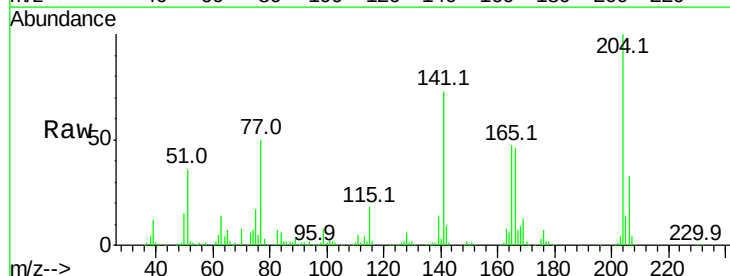
Instrument :
 BNA_F
 ClientSampled :

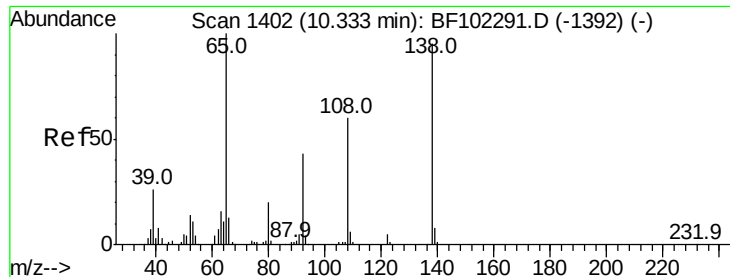
Tot Ion:	149	Resp:	760857
Ion	Ratio	Lower	Upper
149	100		
177	21.6	16.1	24.1
150	12.4	10.1	15.1



#60
 4-Chlorophenyl-phenylether
 Concen: 39.275 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. 0.00 min
 Lab File: BF102463.D
 Acq: 26 Jan 2018 12:46

Tgt Ion:	204	Resp:	296829
Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.5	39.7
141	72.5	54.6	81.8

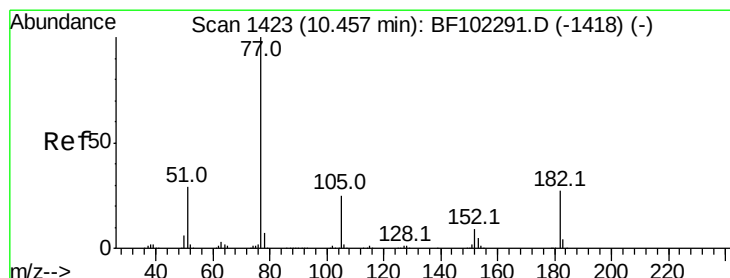
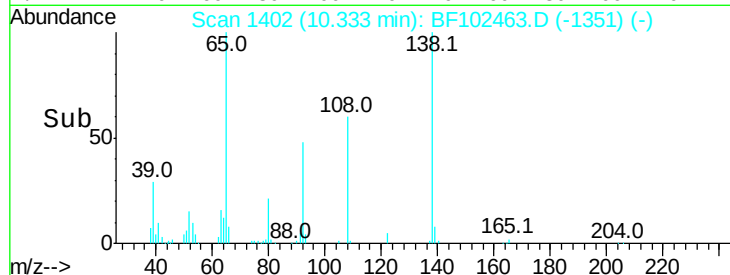
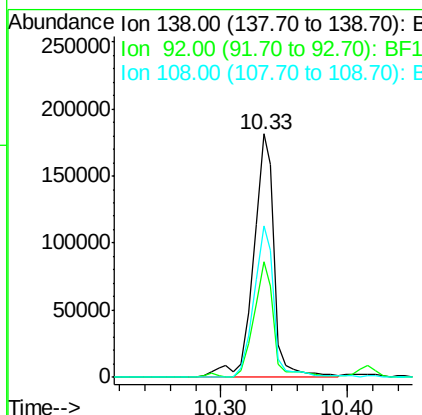
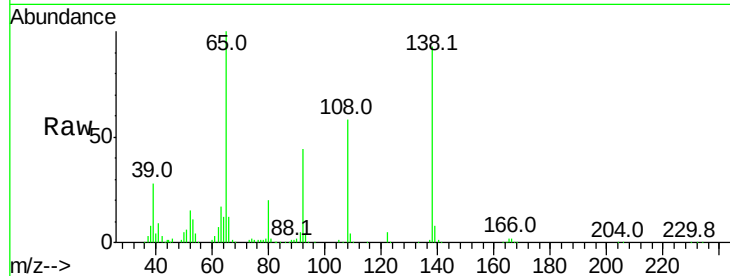




#61
4-Nitroaniline
Concen: 38.819 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF102463.D
Acq: 26 Jan 2018 12:46

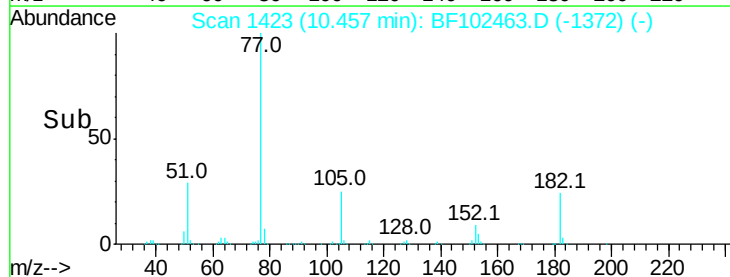
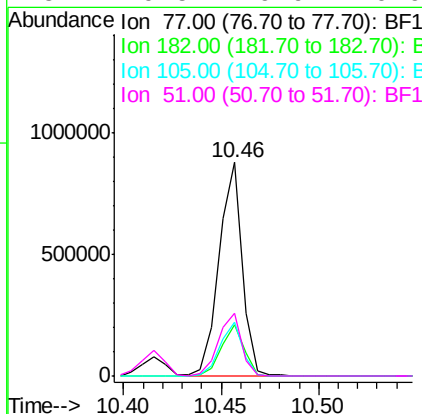
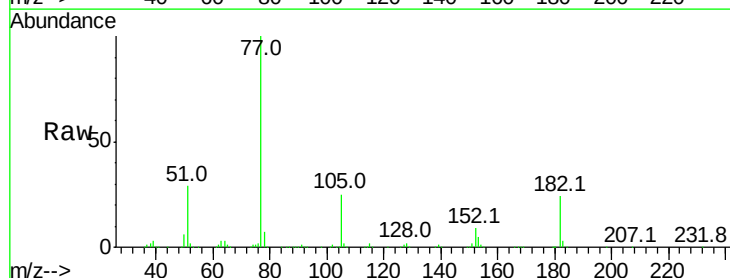
Instrument :
BNA_F
ClientSampled :

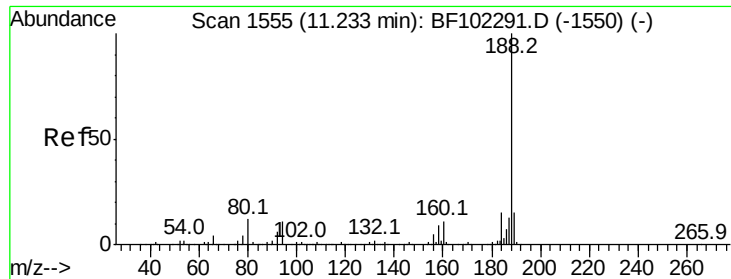
Tot Ion:138 Resp: 209903
Ion Ratio Lower Upper
138 100
92 47.7 30.2 70.2
108 62.0 52.5 92.5



#62
Azobenzene
Concen: 38.027 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF102463.D
Acq: 26 Jan 2018 12:46

Tgt Ion: 77 Resp: 718794
Ion Ratio Lower Upper
77 100
182 24.2 1.7 41.7
105 24.9 3.0 43.0
51 29.5 9.9 49.9

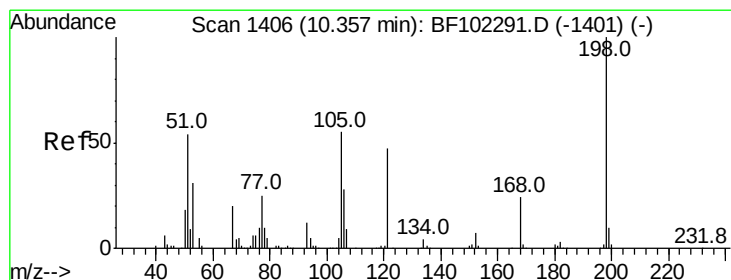
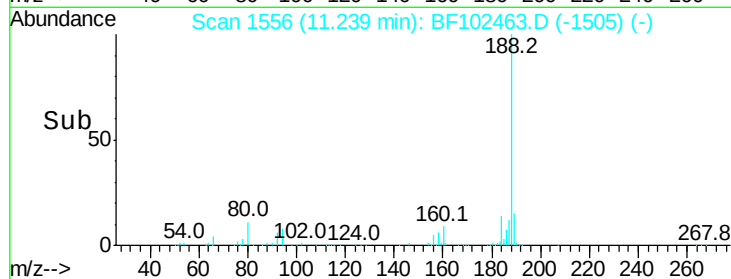
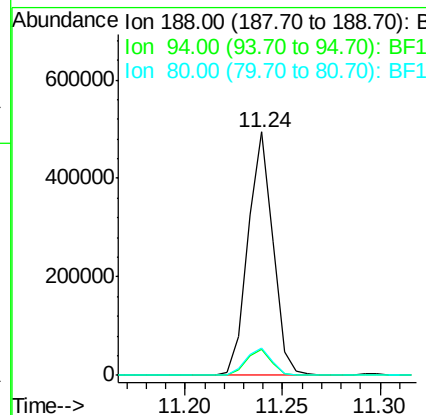
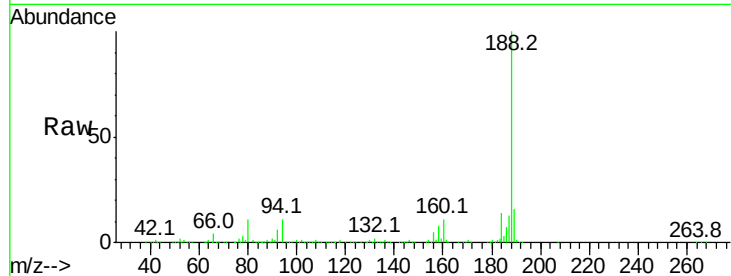




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF102463.D
Acq: 26 Jan 2018 12:46

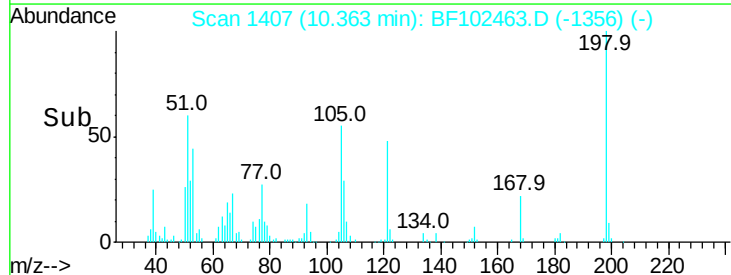
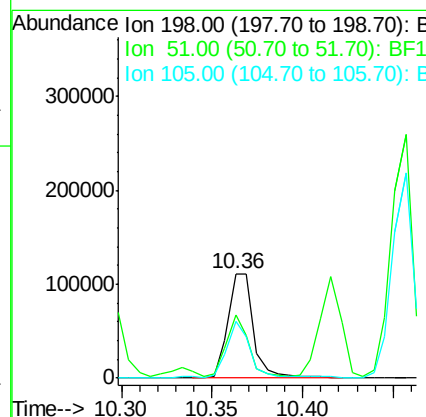
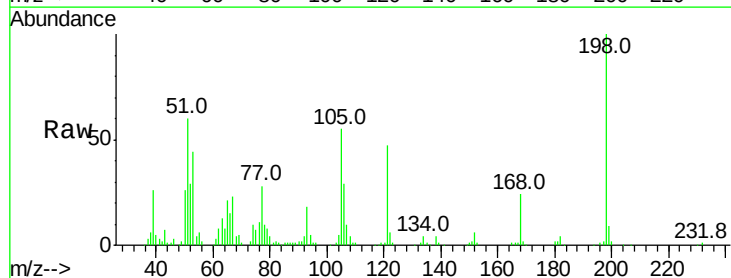
Instrument :
BNA_F
ClientSampleId :

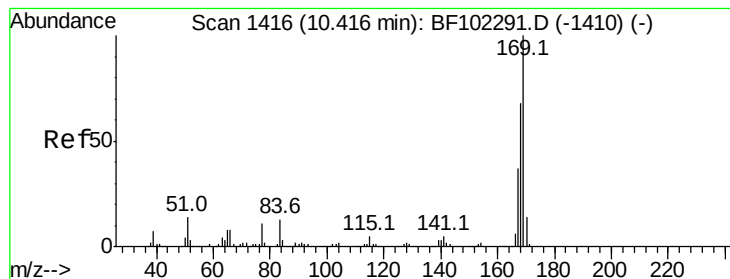
Tot Ion:188 Resp: 437353
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 11.4 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 38.024 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF102463.D
Acq: 26 Jan 2018 12:46

Tgt Ion:198 Resp: 110948
Ion Ratio Lower Upper
198 100
51 60.0 37.7 77.7
105 54.7 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 38.481 ng

RT: 10.42 min Scan# 1416

Delta R.T. 0.00 min

Lab File: BF102463.D

Acq: 26 Jan 2018 12:46

Instrument :

BNA_F

ClientSampleId :

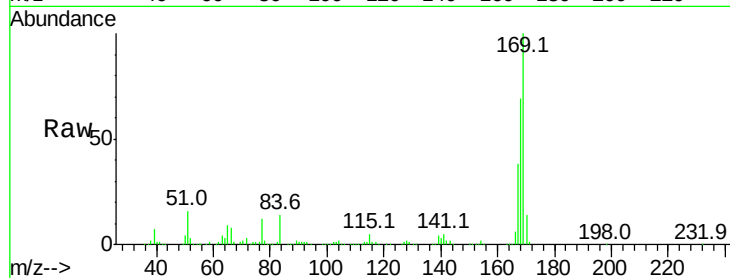
Tot Ion:169 Resp: 617723

Ion Ratio Lower Upper

169 100

168 68.7 54.4 81.6

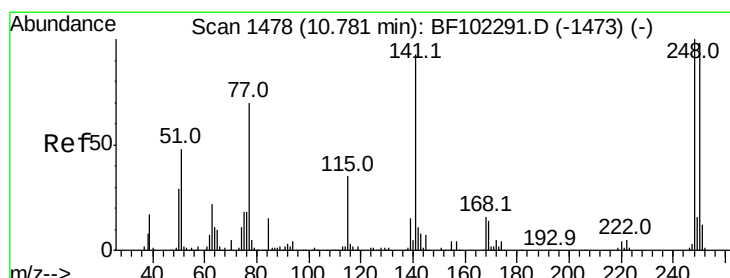
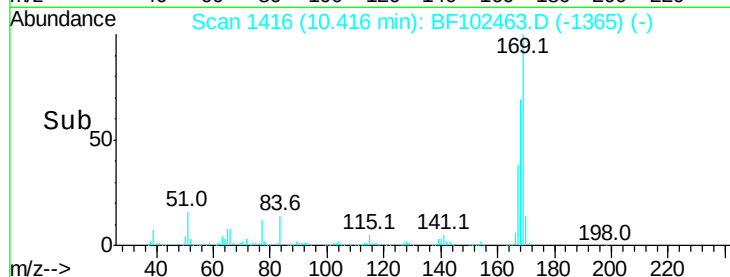
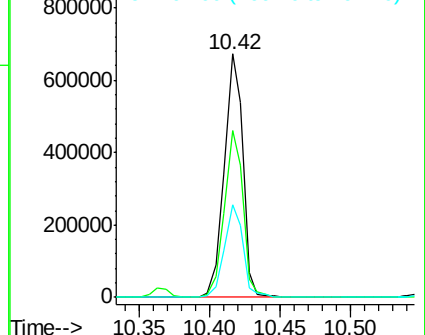
167 37.9 29.8 44.6



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: 38.509 ng

RT: 10.79 min Scan# 1479

Delta R.T. 0.00 min

Lab File: BF102463.D

Acq: 26 Jan 2018 12:46

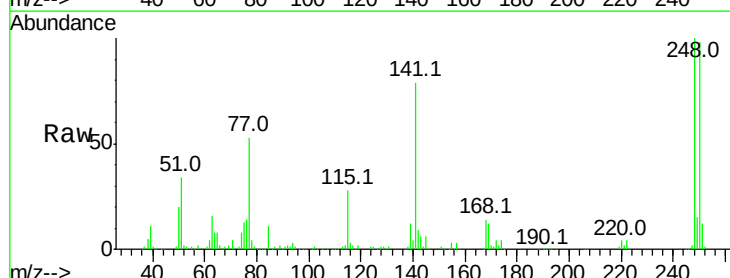
Tgt Ion:248 Resp: 181304

Ion Ratio Lower Upper

248 100

250 98.4 76.9 115.3

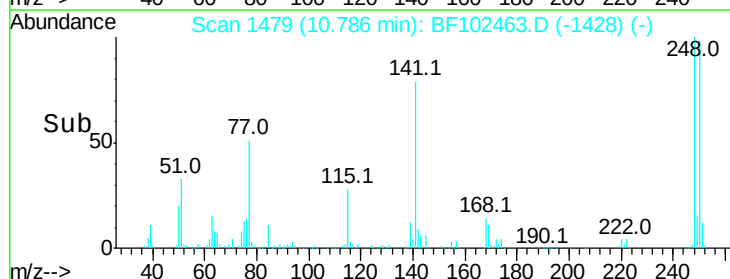
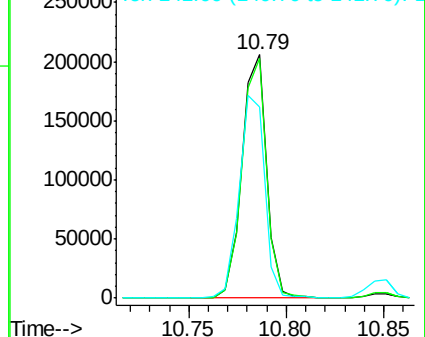
141 78.6 74.4 111.6

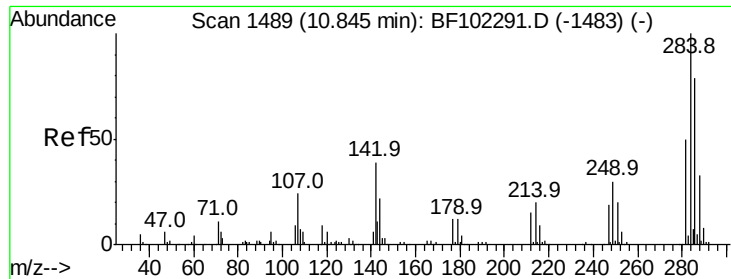


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

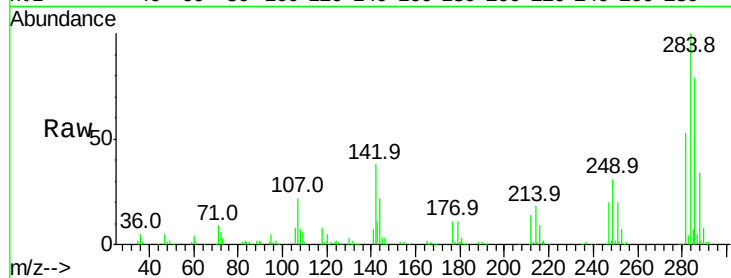




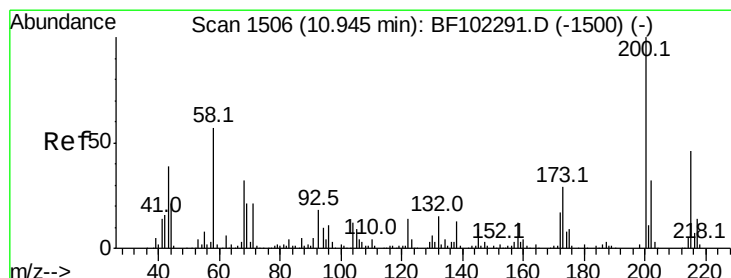
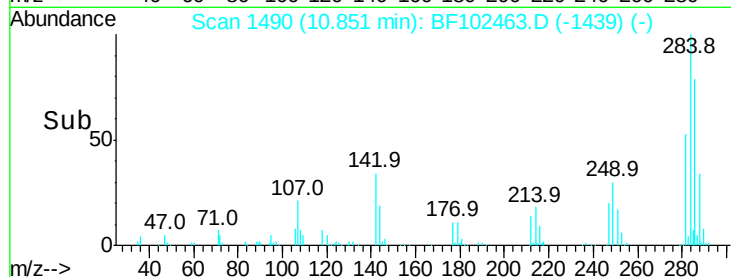
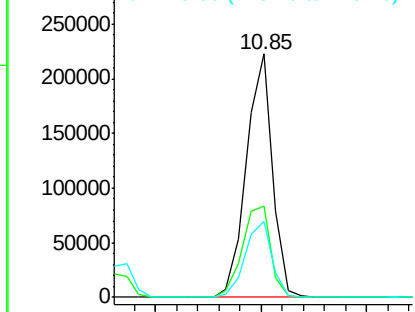
#67
Hexachlorobenzene
Concen: 36.197 ng
RT: 10.85 min Scan# 1490
Delta R.T. 0.00 min
Lab File: BF102463.D
Acq: 26 Jan 2018 12:46

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
284	100		
142	37.6	34.6	52.0
249	31.4	24.8	37.2

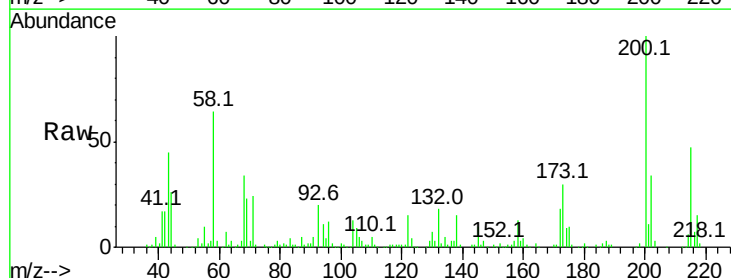


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

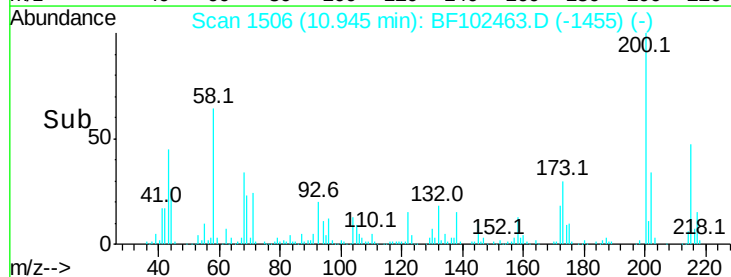
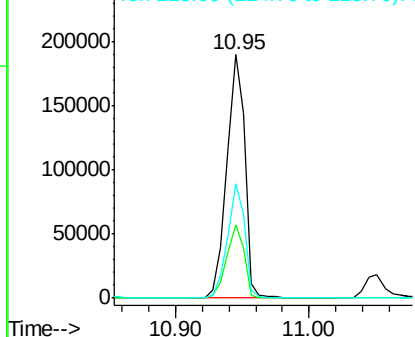


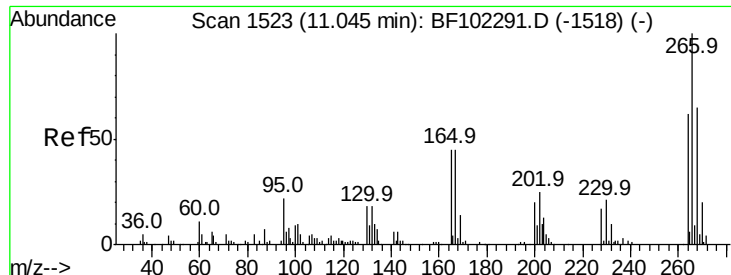
#68
Atrazine
Concen: 38.498 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BF102463.D
Acq: 26 Jan 2018 12:46

Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.1	8.6	48.6
215	46.9	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

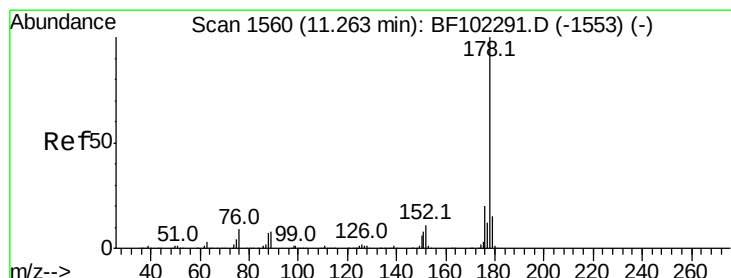
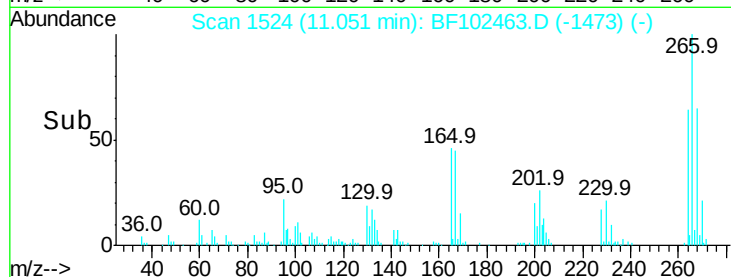
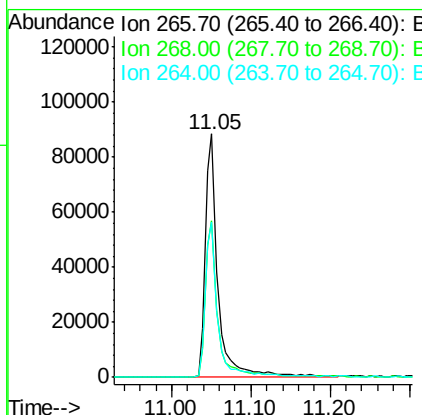
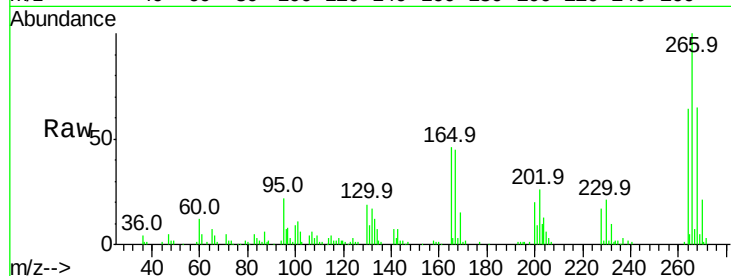




#69
 Pentachlorophenol
 Concen: 36.493 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. 0.00 min
 Lab File: BF102463.D
 Acq: 26 Jan 2018 12:46

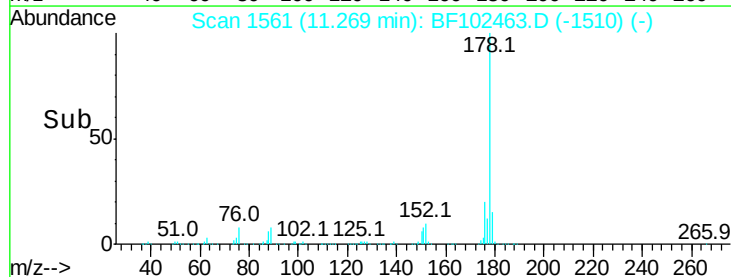
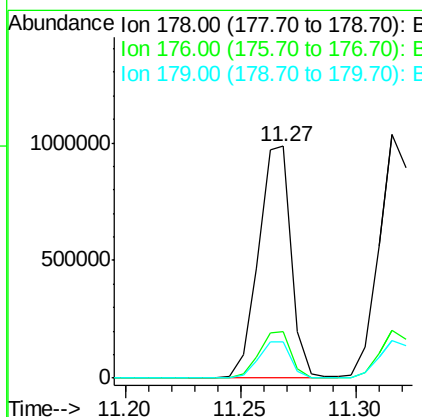
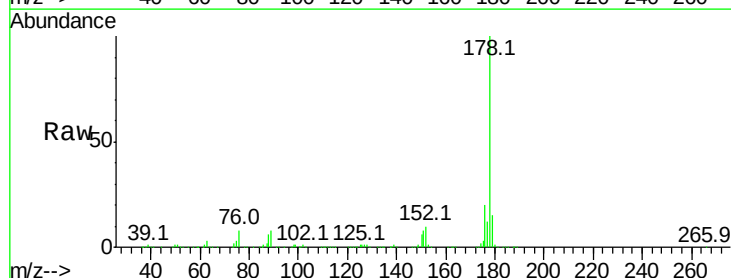
Instrument :
 BNA_F
 ClientSampleId :

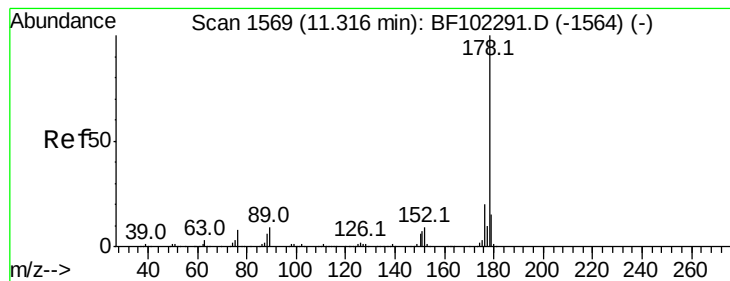
Tot Ion:266 Resp: 100940
 Ion Ratio Lower Upper
 266 100
 268 64.5 51.1 76.7
 264 63.6 49.5 74.3



#70
 Phenanthrene
 Concen: 38.084 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. 0.00 min
 Lab File: BF102463.D
 Acq: 26 Jan 2018 12:46

Tgt Ion:178 Resp: 970579
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.4 13.0 19.6





#71

Anthracene

Concen: 38.534 ng

RT: 11.32 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BF102463.D

Acq: 26 Jan 2018 12:46

Instrument :

BNA_F

ClientSampleId :

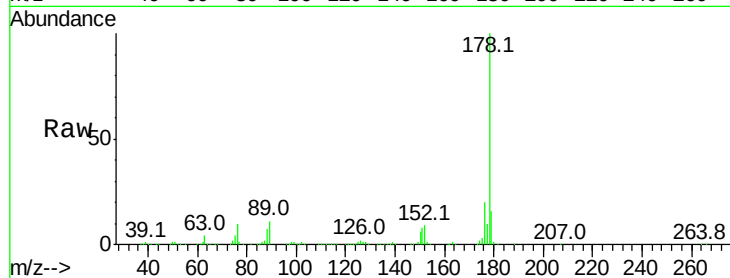
Tot Ion:178 Resp: 1002372

Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.2

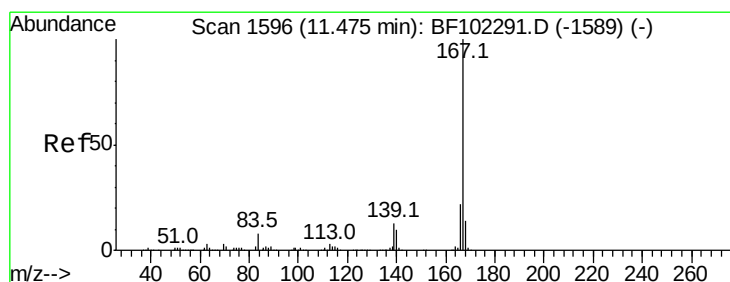
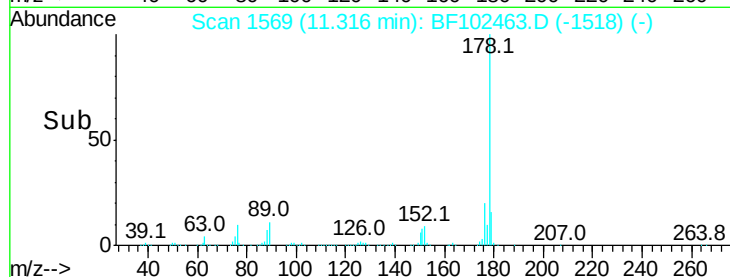
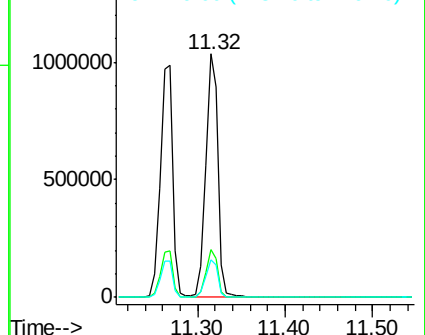
179 15.6 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.795 ng

RT: 11.47 min Scan# 1596

Delta R.T. 0.00 min

Lab File: BF102463.D

Acq: 26 Jan 2018 12:46

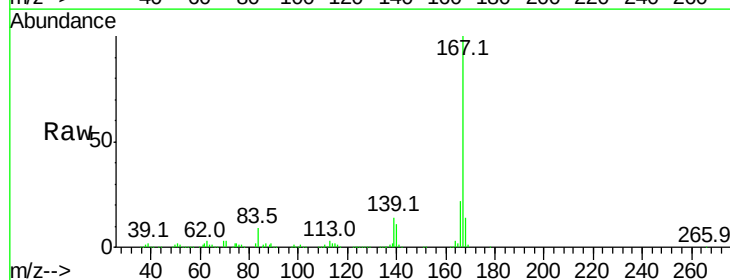
Tgt Ion:167 Resp: 984522

Ion Ratio Lower Upper

167 100

166 22.1 17.6 26.4

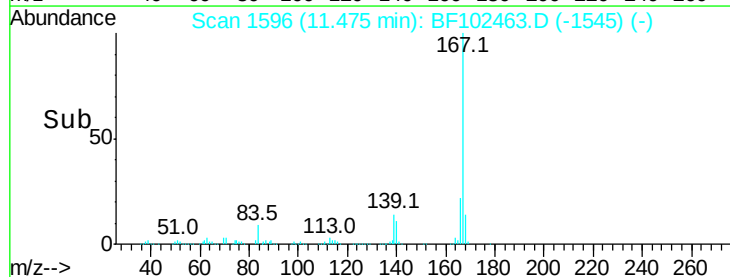
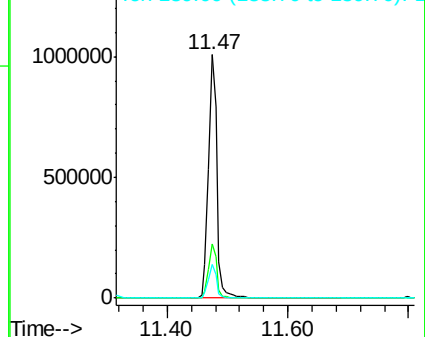
139 13.6 10.9 16.3

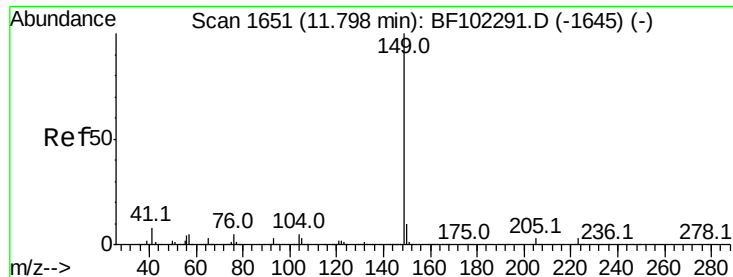


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.215 ng

RT: 11.80 min Scan# 1651

Delta R.T. 0.00 min

Lab File: BF102463.D

Acq: 26 Jan 2018 12:46

Instrument :

BNA_F

ClientSampleId :

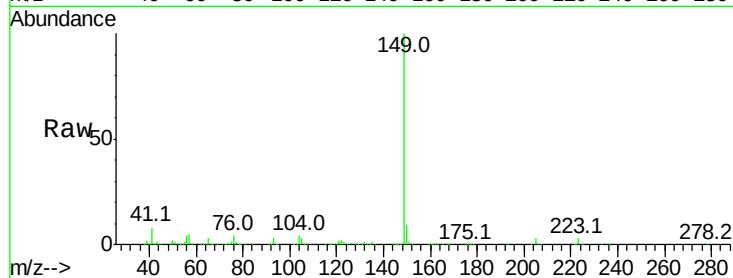
Tot Ion:149 Resp: 1212245

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

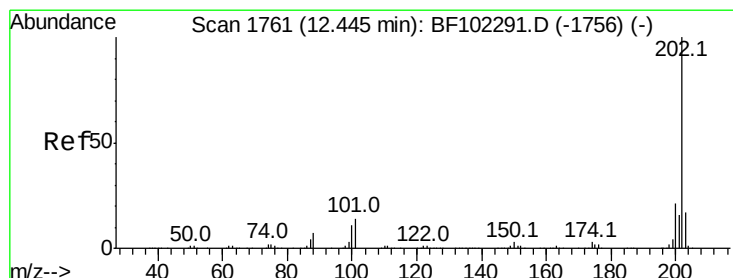
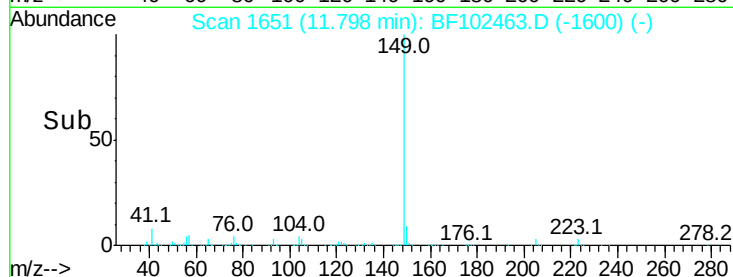
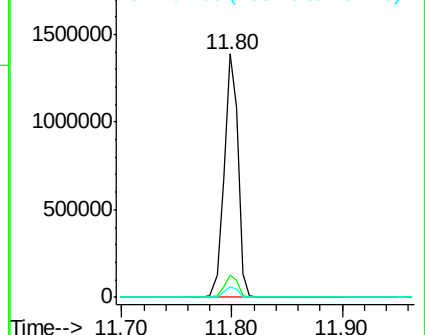
104 4.4 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.579 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF102463.D

Acq: 26 Jan 2018 12:46

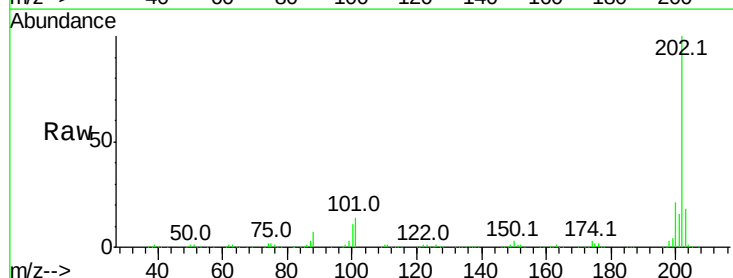
Tgt Ion:202 Resp: 976635

Ion Ratio Lower Upper

202 100

101 14.4 0.0 34.1

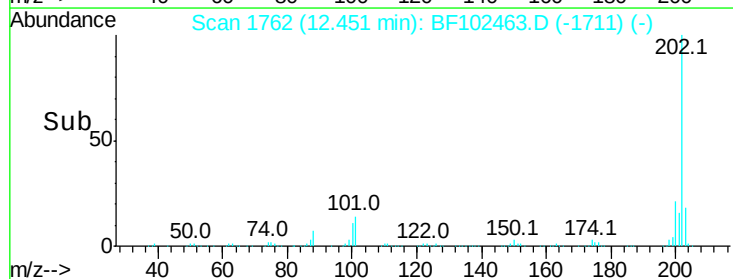
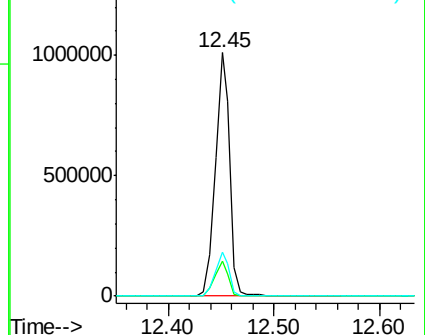
203 17.9 0.0 38.1

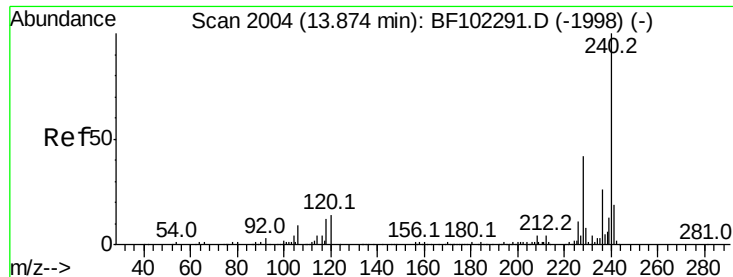


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF102463.D

Acq: 26 Jan 2018 12:46

Instrument :

BNA_F

ClientSampled :

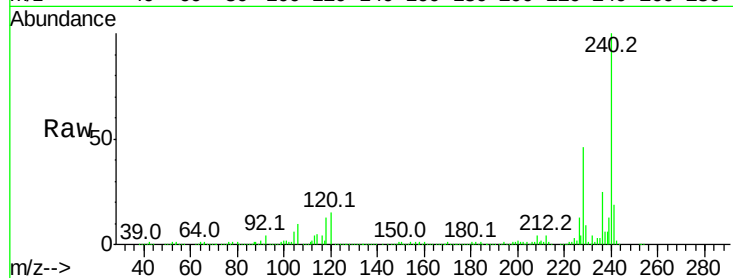
Tot Ion:240 Resp: 321047

Ion Ratio Lower Upper

240 100

120 15.0 9.5 14.3#

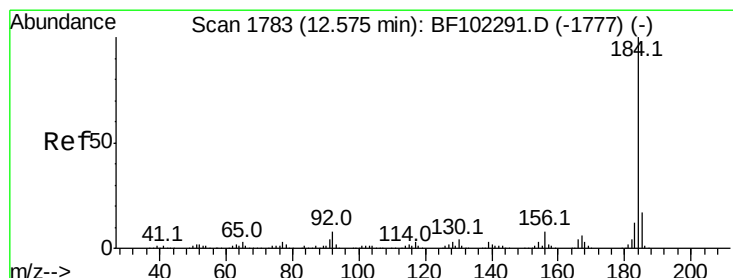
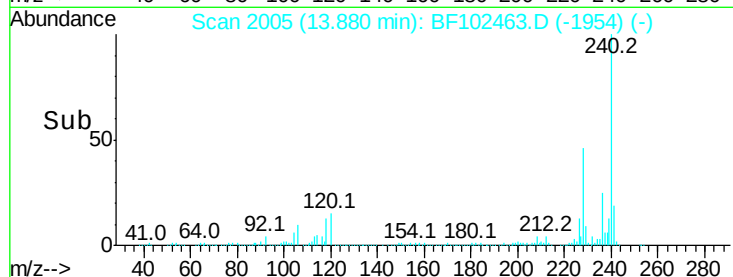
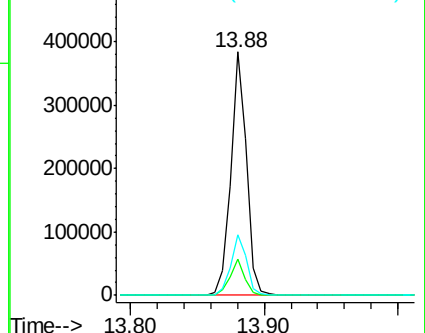
236 24.6 20.7 31.1



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: 38.406 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BF102463.D

Acq: 26 Jan 2018 12:46

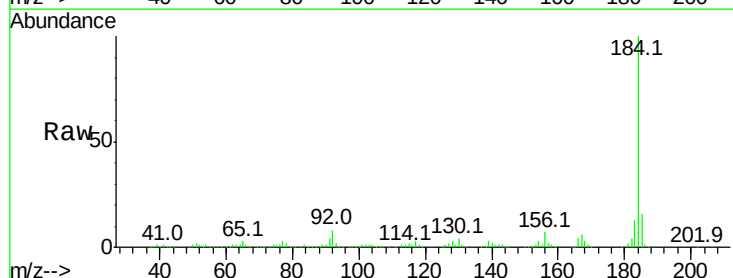
Tgt Ion:184 Resp: 414213

Ion Ratio Lower Upper

184 100

185 16.1 12.6 18.8

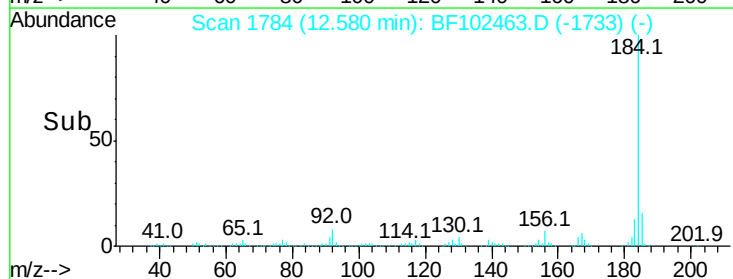
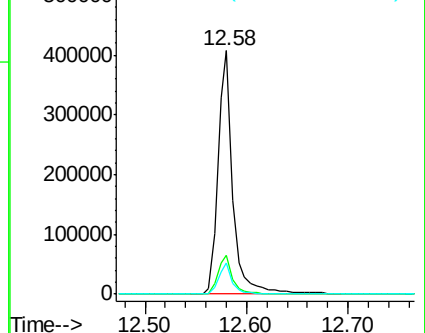
183 12.7 9.3 13.9

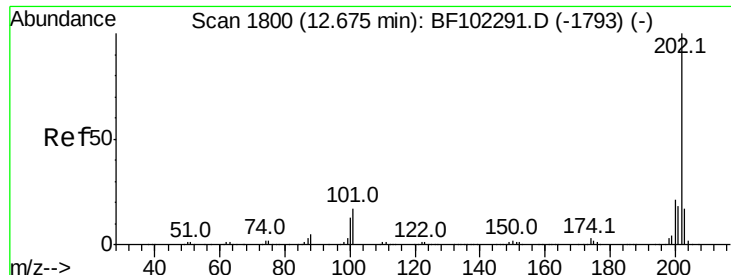


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

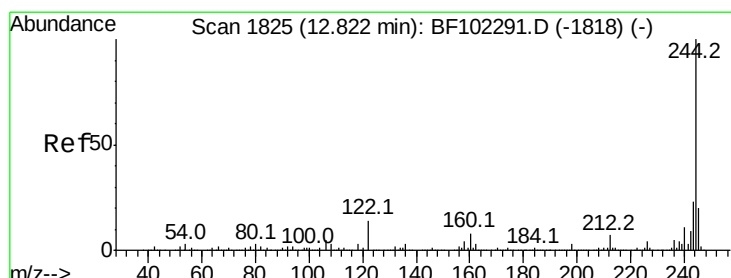
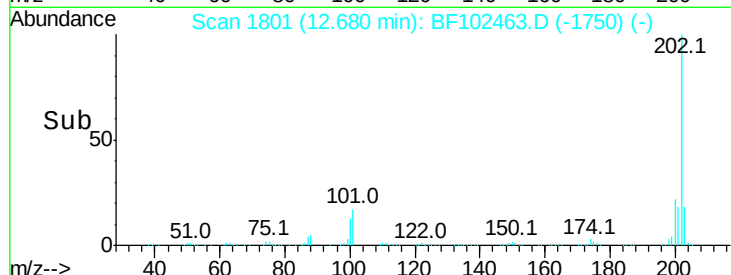
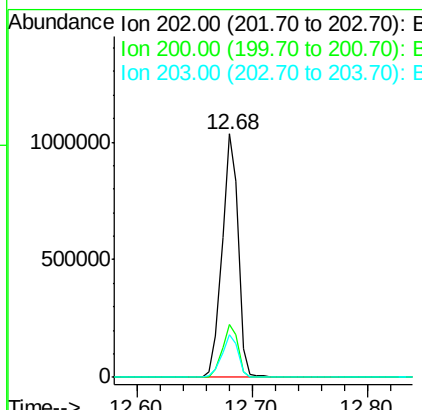
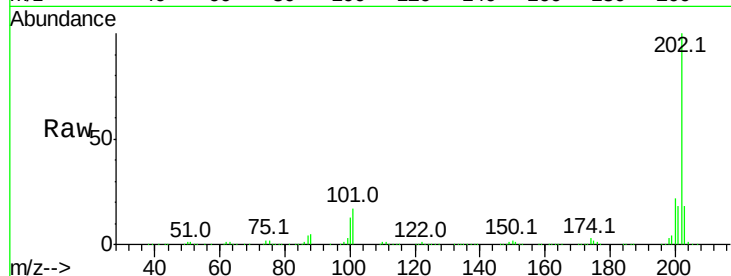




#77
 Pvrene
 Concen: 40.167 ng
 RT: 12.68 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BF102463.D
 Acq: 26 Jan 2018 12:46

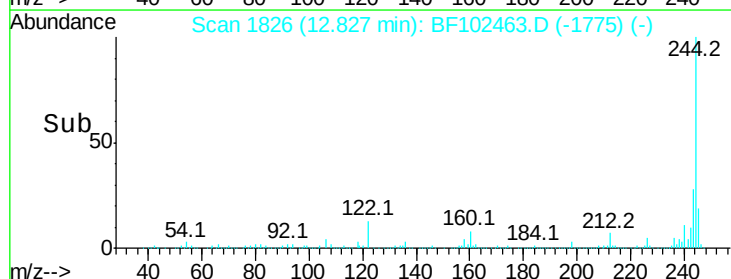
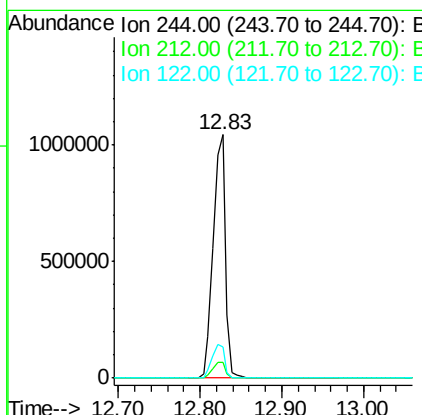
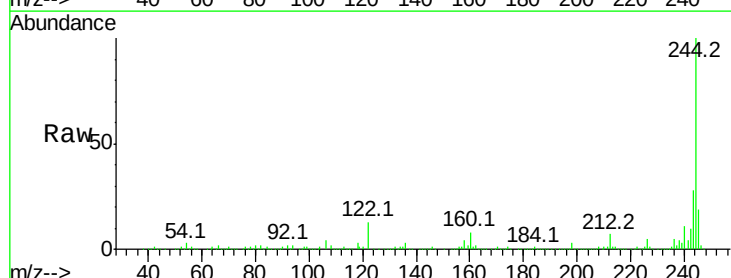
Instrument :
 BNA_F
 ClientSampleId :

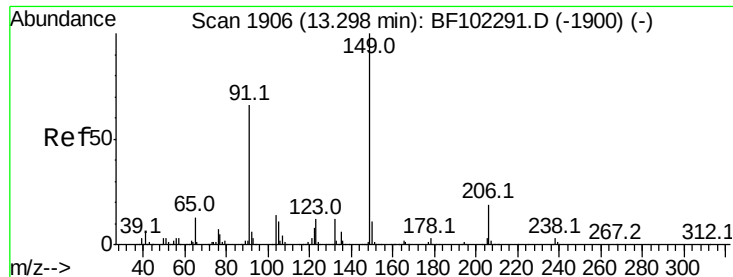
Tot Ion:202 Resp: 997022
 Ion Ratio Lower Upper
 202 100
 200 21.5 17.4 26.2
 203 17.6 14.3 21.5



#78
 Terphenyl-d14
 Concen: 76.832 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: BF102463.D
 Acq: 26 Jan 2018 12:46

Tgt Ion:244 Resp: 1094170
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 12.8 11.0 16.4

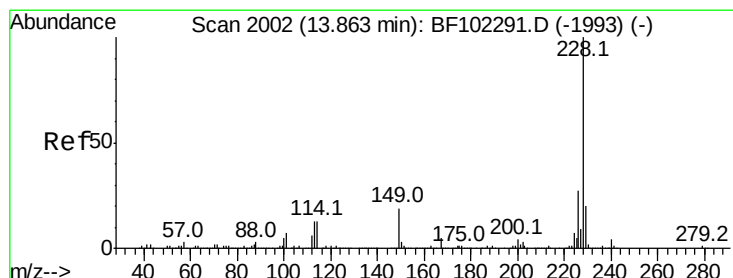
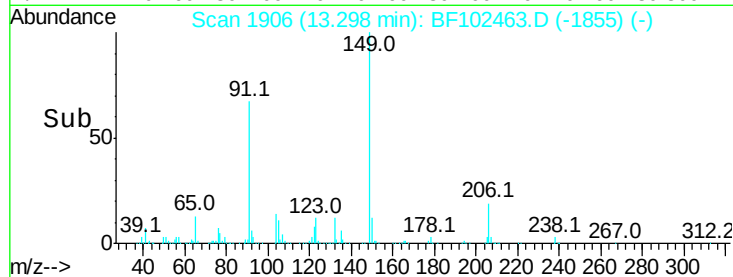
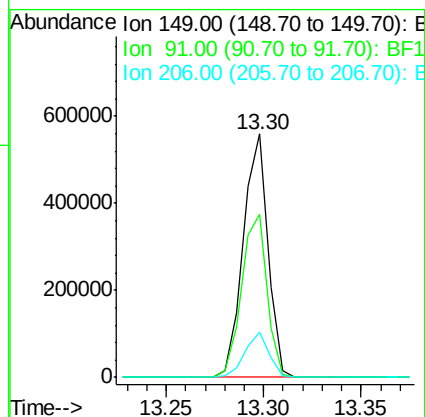
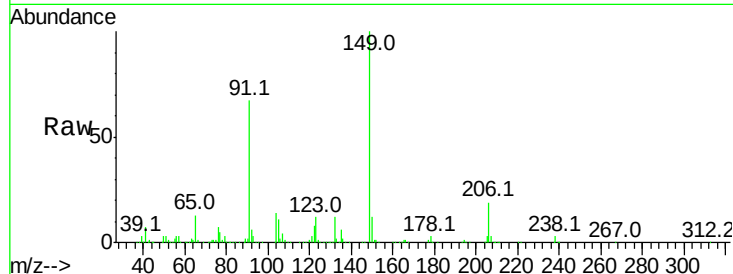




#79
 Butylbenzylphthalate
 Concen: 39.805 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. 0.00 min
 Lab File: BF102463.D
 Acq: 26 Jan 2018 12:46

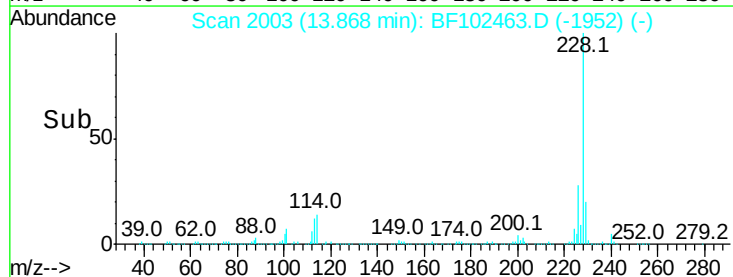
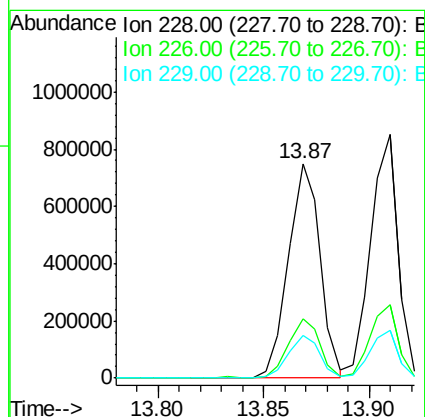
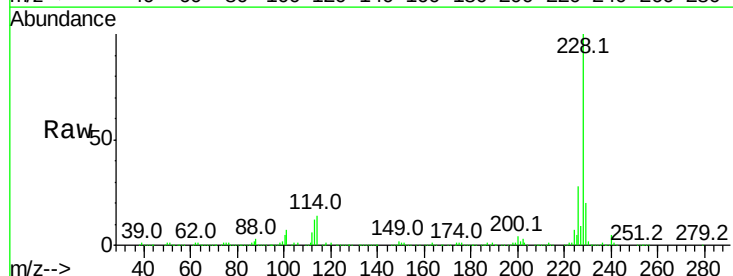
Instrument :
 BNA_F
 ClientSampleId :

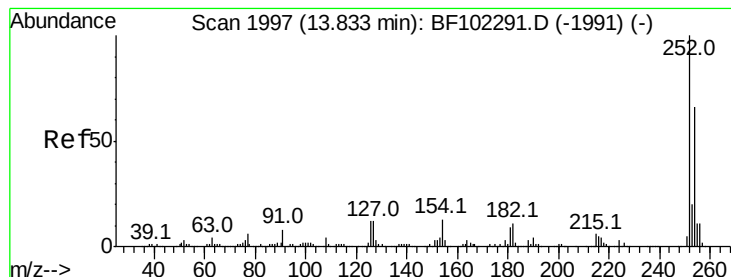
Tot Ion:	149	Resp:	491703
Ion Ratio	Lower	Upper	
149	100		
91	66.9	56.8	85.2
206	18.7	14.1	21.1



#80
 Benzo(a)anthracene
 Concen: 39.670 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: BF102463.D
 Acq: 26 Jan 2018 12:46

Tgt Ion:	228	Resp:	784107
Ion Ratio	Lower	Upper	
228	100		
226	27.8	22.6	33.8
229	19.8	15.8	23.6

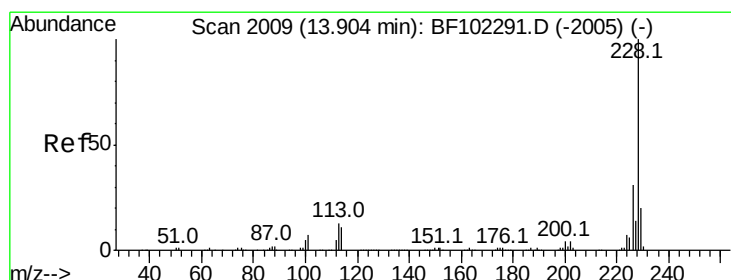
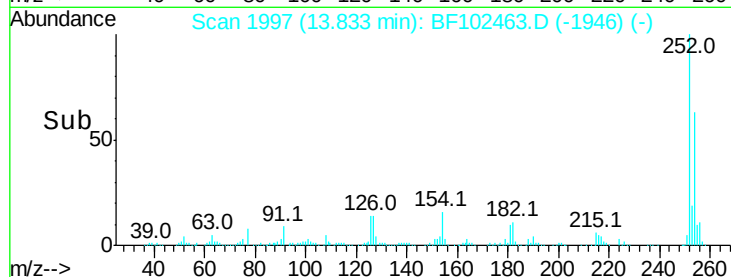
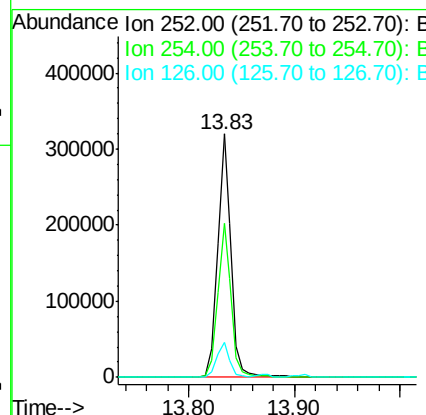
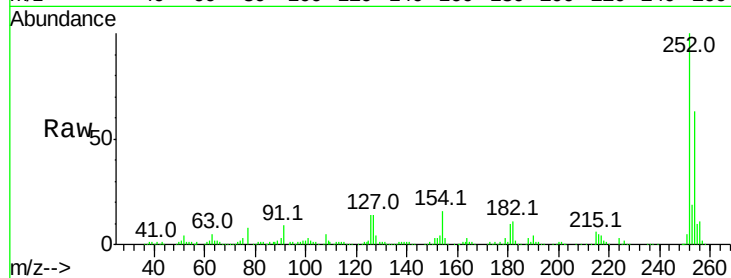




#81
 3,3'-Dichlorobenzidine
 Concen: 39.741 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BF102463.D
 Acq: 26 Jan 2018 12:46

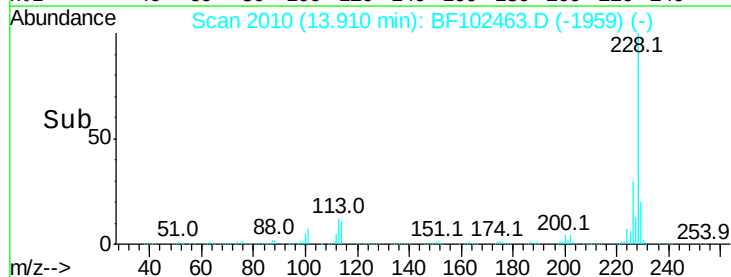
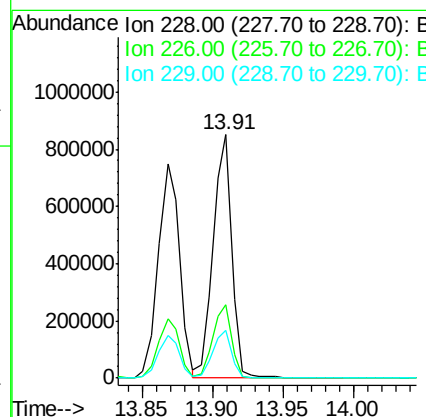
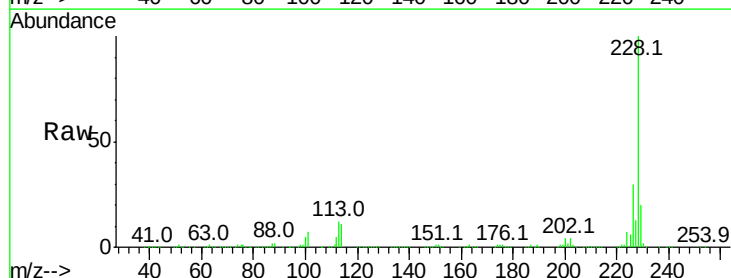
Instrument :
 BNA_F
 ClientSampleId :

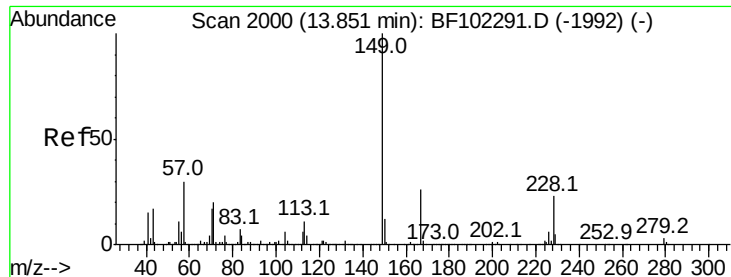
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.2	50.4	75.6
126	14.1	11.3	16.9



#82
 Chrysene
 Concen: 38.839 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. 0.00 min
 Lab File: BF102463.D
 Acq: 26 Jan 2018 12:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	19.6	16.2	24.4

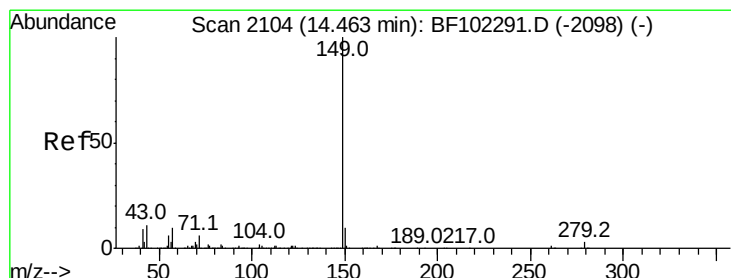
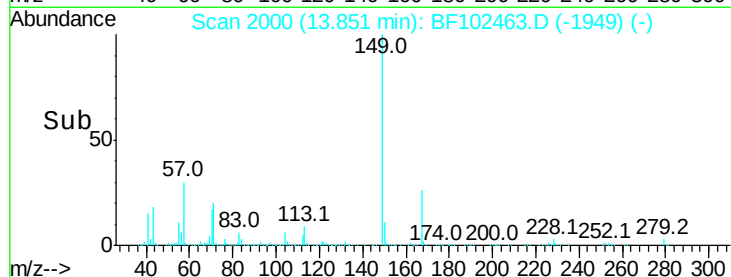
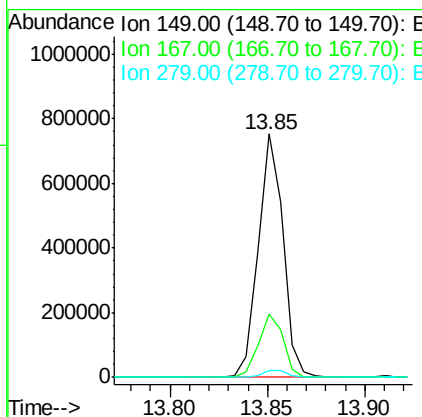
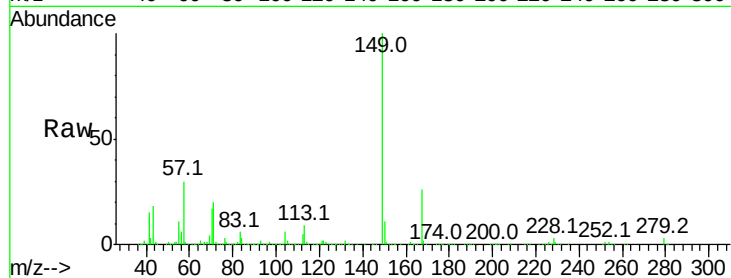




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.857 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. 0.00 min
 Lab File: BF102463.D
 Acq: 26 Jan 2018 12:46

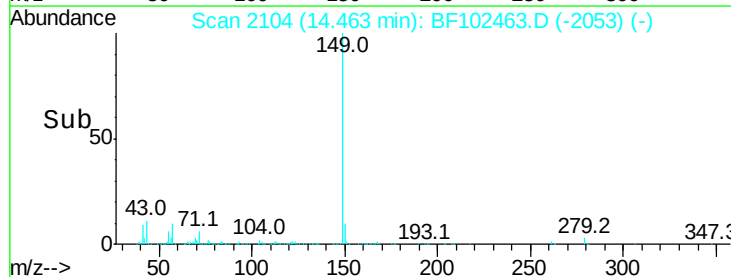
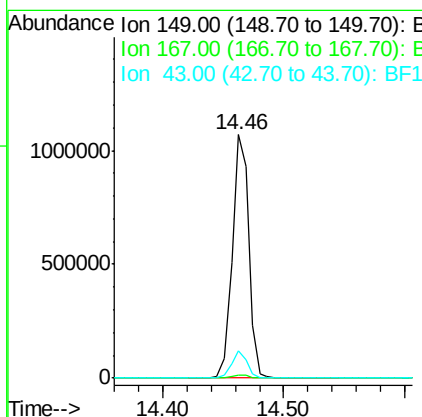
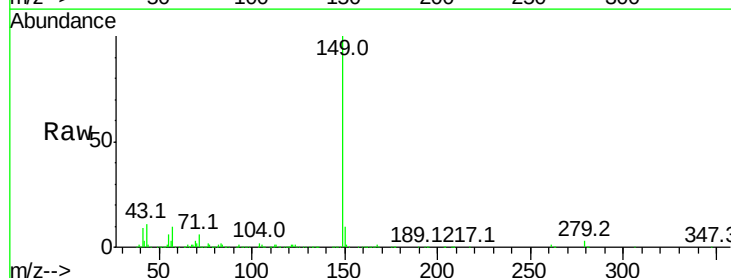
Instrument :
 BNA_F
 ClientSampleId :

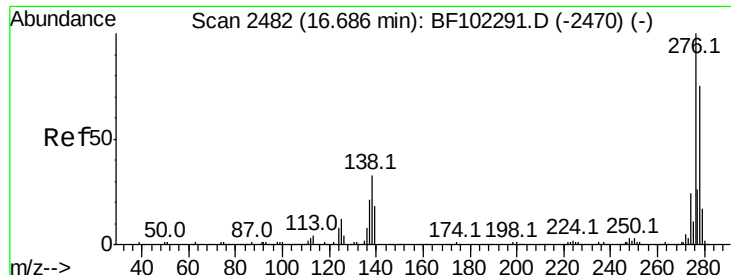
Tot Ion:149 Resp: 661668
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.3 31.9
 279 2.8 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 37.459 ng
 RT: 14.46 min Scan# 2104
 Delta R.T. 0.00 min
 Lab File: BF102463.D
 Acq: 26 Jan 2018 12:46

Tgt Ion:149 Resp: 1011276
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 10.5 8.4 12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 36.836 ng

RT: 16.70 min Scan# 2485

Delta R.T. 0.00 min

Lab File: BF102463.D

Acq: 26 Jan 2018 12:46

Instrument :

BNA_F

ClientSampleId :

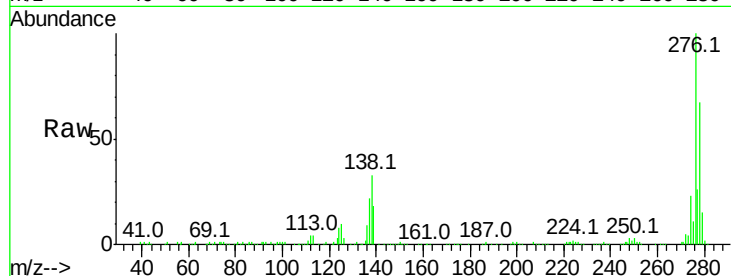
Tot Ion:276 Resp: 610627

Ion Ratio Lower Upper

276 100

138 33.2 25.0 37.6

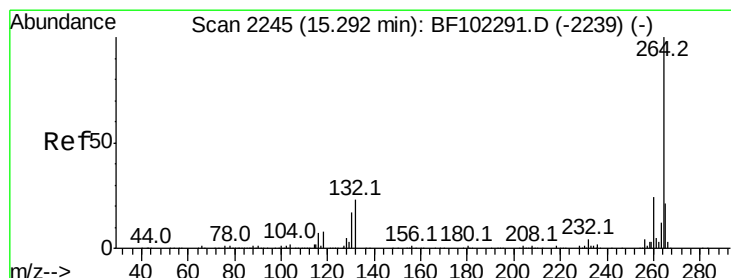
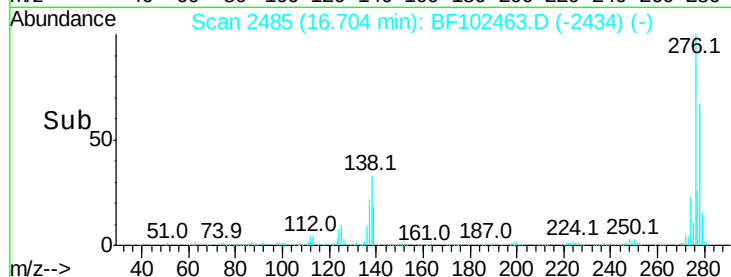
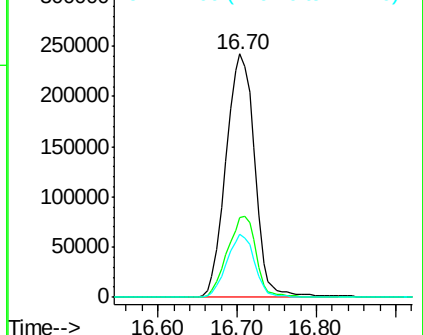
277 25.4 20.1 30.1



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# 2247

Delta R.T. 0.00 min

Lab File: BF102463.D

Acq: 26 Jan 2018 12:46

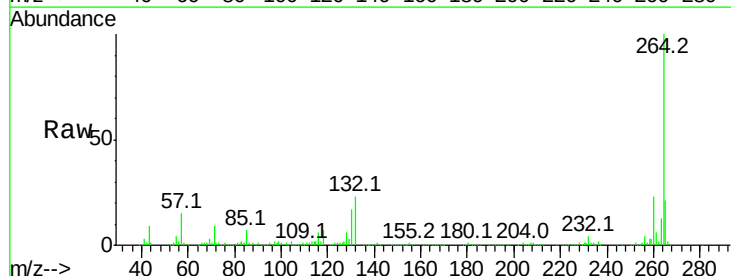
Tgt Ion:264 Resp: 275542

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

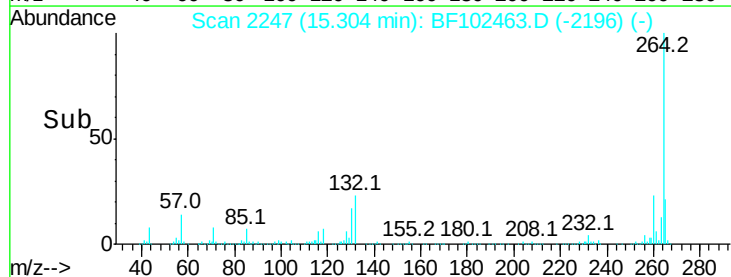
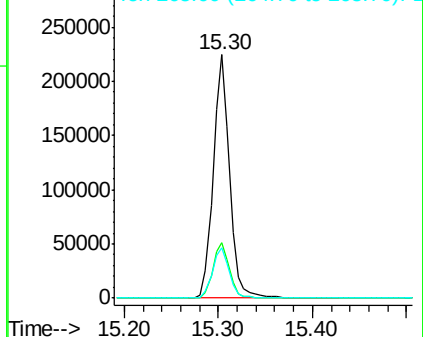
265 20.7 17.5 26.3

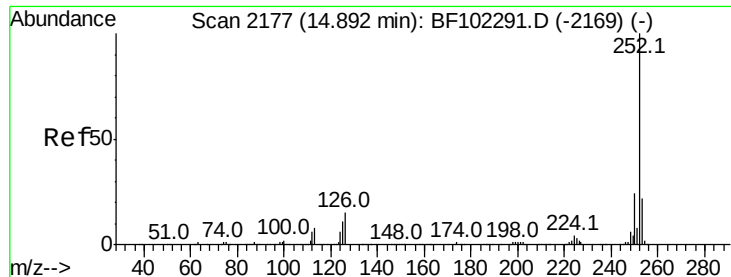


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

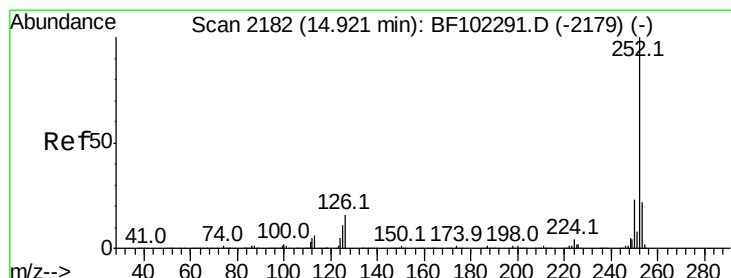
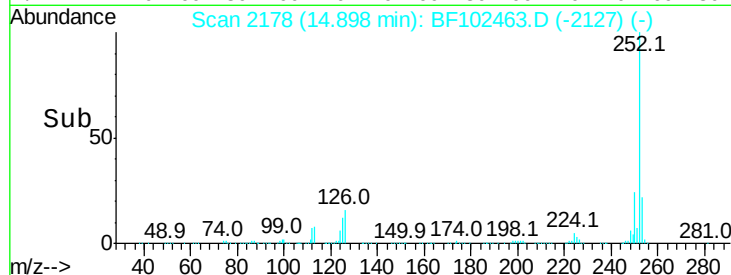
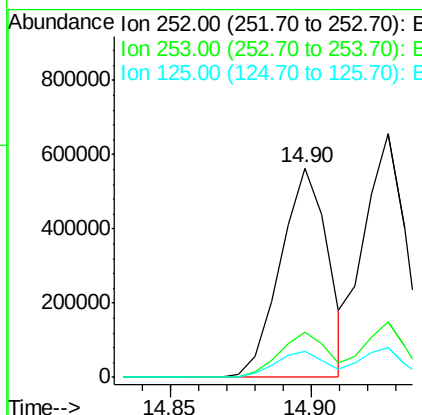
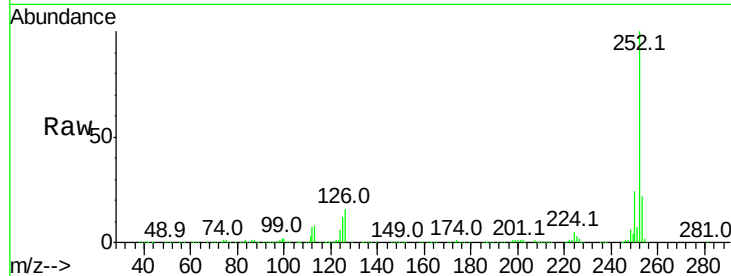




#87
Benzo(b)fluoranthene
Concen: 36.978 ng
RT: 14.90 min Scan# 2178
Delta R.T. 0.00 min
Lab File: BF102463.D
Acq: 26 Jan 2018 12:46

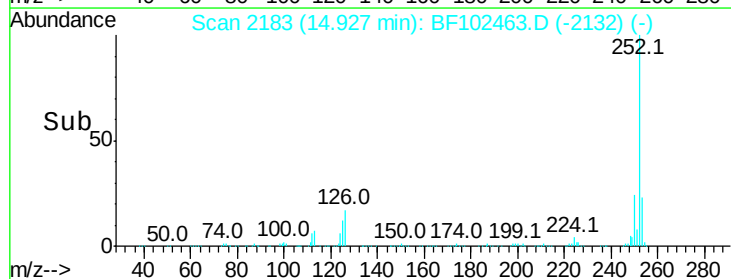
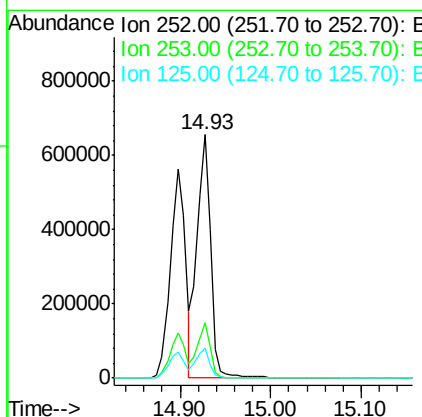
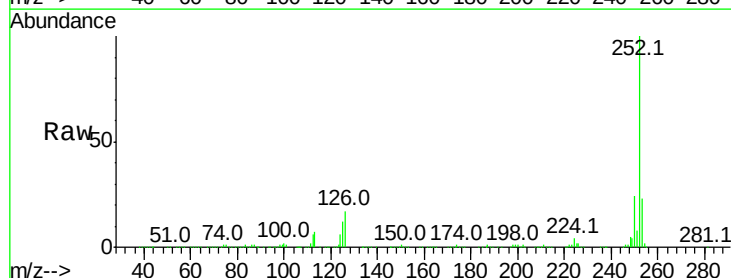
Instrument :
BNA_F
ClientSampleId :

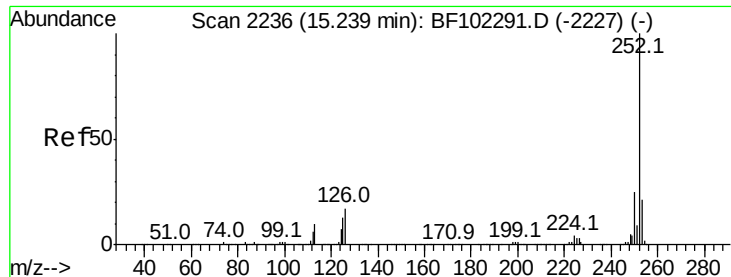
Tot Ion:252 Resp: 660399
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 12.2 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 40.614 ng
RT: 14.93 min Scan# 2183
Delta R.T. 0.00 min
Lab File: BF102463.D
Acq: 26 Jan 2018 12:46

Tgt Ion:252 Resp: 685289
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 12.3 10.2 15.2





#89

Benzo(a)pyrene

Concen: 38.454 ng

RT: 15.24 min Scan# 2237

Delta R.T. 0.00 min

Lab File: BF102463.D

Acq: 26 Jan 2018 12:46

Instrument :

BNA_F

ClientSampleId :

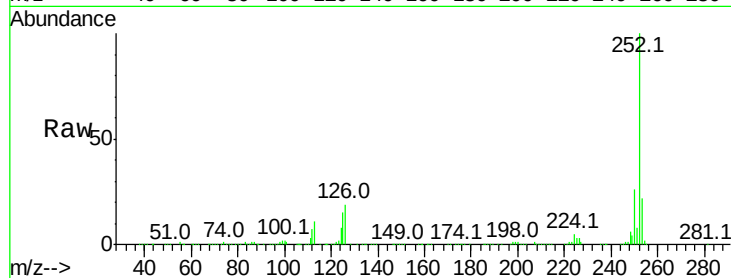
Tot Ion:252 Resp: 619385

Ion Ratio Lower Upper

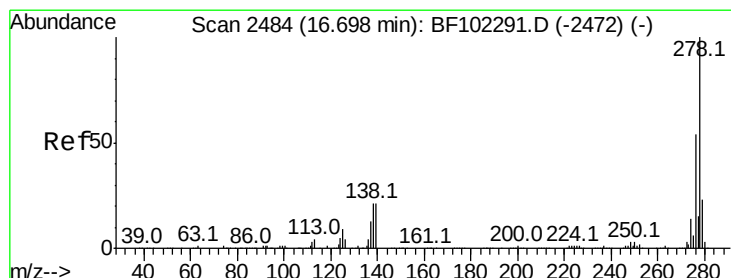
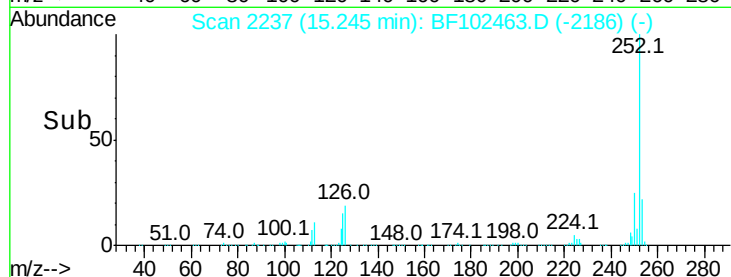
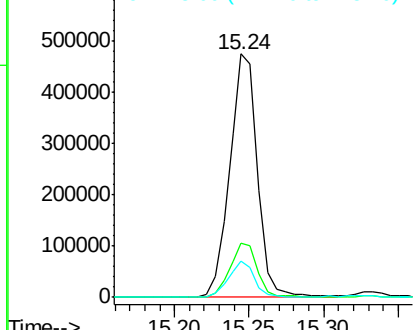
252 100

253 22.3 17.1 25.7

125 14.8 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: 38.114 ng

RT: 16.72 min Scan# 2487

Delta R.T. 0.00 min

Lab File: BF102463.D

Acq: 26 Jan 2018 12:46

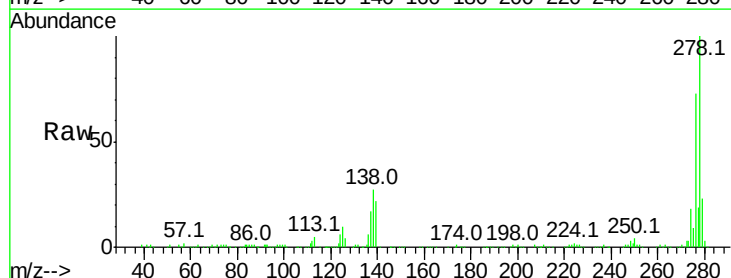
Tgt Ion:278 Resp: 497293

Ion Ratio Lower Upper

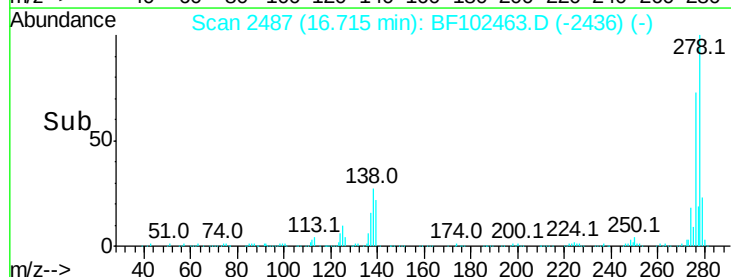
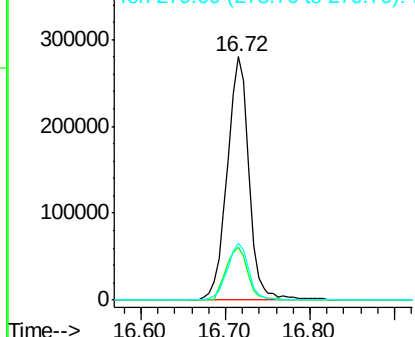
278 100

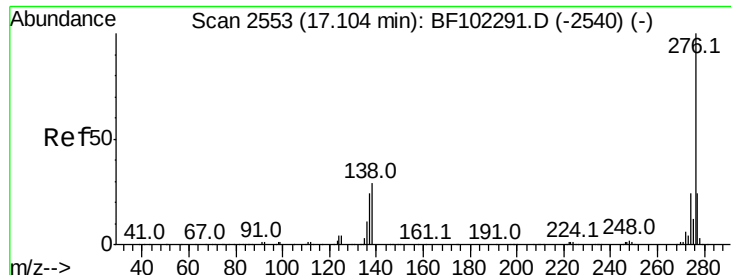
139 21.9 15.9 23.9

279 23.2 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: 39.547 ng

RT: 17.13 min Scan# 2557

Delta R.T. 0.00 min

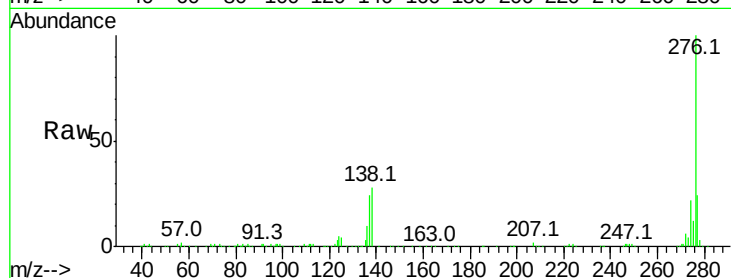
Lab File: BF102463.D

Acq: 26 Jan 2018 12:46

Instrument :

BNA_F

ClientSampleId :



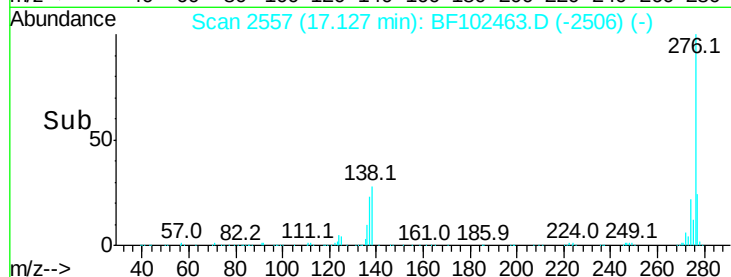
Tot Ion:276 Resp: 509486

Ion Ratio Lower Upper

276 100

277 23.8 17.9 26.9

138 28.1 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

