

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012318\
 Data File : BF102375.D
 Acq On : 24 Jan 2018 7:30
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 24 10:05:11 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 00:43:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	125477	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	521205	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	229069	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	350459	20.00	ng	0.00
75) Chrysene-d12	13.88	240	230335	20.00	ng	0.00
86) Perylene-d12	15.30	264	222931	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	680969	82.29	ng	0.00
7) Phenol-d6	6.36	99	807893	80.98	ng	0.00
23) Nitrobenzene-d5	7.29	82	735535	81.10	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	155634	68.57	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1283592	82.39	ng	0.00
78) Terphenyl-d14	12.82	244	850094	83.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	158108	40.212	ng	97
3) Pyridine	3.05	79	420478	40.921	ng	95
4) n-Nitrosodimethylamine	3.02	42	166208	41.260	ng	98
6) Aniline	6.38	93	529302	40.111	ng	# 77
8) 2-Chlorophenol	6.50	128	356037	41.043	ng	96
9) Benzaldehyde	6.27	77	230406	42.556	ng	94
10) Phenol	6.37	94	429417	39.425	ng	# 71
11) bis(2-Chloroethyl)ether	6.46	93	341509	41.225	ng	97
12) 1,3-Dichlorobenzene	6.66	146	416081	40.330	ng	99
13) 1,4-Dichlorobenzene	6.73	146	419936	40.634	ng	99
14) 1,2-Dichlorobenzene	6.89	146	387332	40.974	ng	99
15) Benzyl Alcohol	6.86	79	279288	39.676	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	550735	39.639	ng	95
17) 2-Methylphenol	6.98	107	304319	40.393	ng	98
18) Hexachloroethane	7.22	117	127217	35.325	ng	93
19) n-Nitroso-di-n-propylamine	7.14	70	245662	40.236	ng	99
20) 3+4-Methylphenols	7.14	107	363852	41.063	ng	# 83
22) Acetophenone	7.13	105	491142	39.530	ng	# 92
24) Nitrobenzene	7.30	77	375349	40.440	ng	99
25) Isophorone	7.55	82	649343	40.160	ng	98
26) 2-Nitrophenol	7.62	139	188247	38.536	ng	92
27) 2,4-Dimethylphenol	7.66	122	280101	39.488	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	398389	39.886	ng	100
29) 2,4-Dichlorophenol	7.86	162	286146	39.603	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	306983	39.635	ng	98
31) Naphthalene	8.02	128	1036808	39.842	ng	99
32) Benzoic acid	7.80	122	194895	32.794	ng	96
33) 4-Chloroaniline	8.07	127	435773	39.822	ng	100
34) Hexachlorobutadiene	8.13	225	165346	39.970	ng	98
35) Caprolactam	8.46	113	96871	40.595	ng	93
36) 4-Chloro-3-methylphenol	8.56	107	300409	39.444	ng	98
37) 2-Methylnaphthalene	8.72	142	684588	39.502	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	276372	40.102	ng	99
40) Hexachlorocyclopentadiene	8.86	237	37896	12.287	ng	92

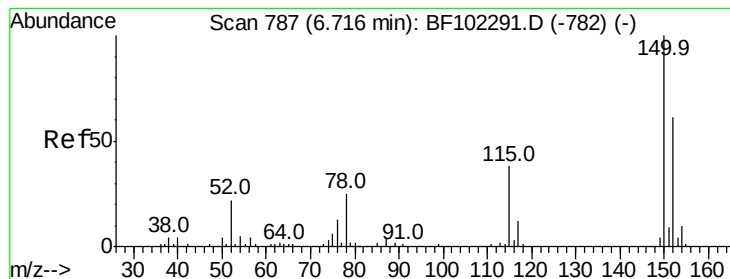
Data Path : Z:\HPCHEM1\BNA F\DATA\BF012318\
 Data File : BF102375.D
 Acq On : 24 Jan 2018 7:30
 Operator : SJ/JU
 Sample : SSTDC0040
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 00:43:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	184591	40.011	ng	97
43) 2,4,5-Trichlorophenol	9.04	196	205428	39.547	ng	96
45) 1,1'-Biphenyl	9.18	154	819280	39.999	ng	98
46) 2-Chloronaphthalene	9.20	162	636064	39.952	ng	98
47) 2-Nitroaniline	9.30	65	208964	42.100	ng	95
48) Acenaphthylene	9.62	152	972210	39.196	ng	100
49) Dimethylphthalate	9.48	163	779754	41.183	ng	100
50) 2,6-Dinitrotoluene	9.55	165	162994	39.928	ng	89
51) Acenaphthene	9.79	154	563317	38.887	ng	98
52) 3-Nitroaniline	9.72	138	194382	40.252	ng	89
53) 2,4-Dinitrophenol	9.83	184	20786	14.520	ng	# 22
54) Dibenzofuran	9.96	168	793360	40.467	ng	97
55) 4-Nitrophenol	9.89	139	110207	34.572	ng	94
56) 2,4-Dinitrotoluene	9.95	165	190048	37.858	ng	# 96
57) Fluorene	10.30	166	614571	39.560	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	139642	37.651	ng	97
59) Diethylphthalate	10.18	149	728167	39.576	ng	97
60) 4-Chlorophenyl-phenylether	10.29	204	276523	41.056	ng	97
61) 4-Nitroaniline	10.33	138	188626	39.144	ng	89
62) Azobenzene	10.46	77	644160	38.239	ng	96
64) 4,6-Dinitro-2-methylphenol	10.36	198	47083	20.137	ng	96
65) n-Nitrosodiphenylamine	10.42	169	568491	44.195	ng	99
66) 4-Bromophenyl-phenylether	10.79	248	168326	44.617	ng	# 87
67) Hexachlorobenzene	10.85	284	165883	39.315	ng	97
68) Atrazine	10.95	200	158630	41.755	ng	98
69) Pentachlorophenol	11.04	266	83131	37.506	ng	99
70) Phenanthrene	11.26	178	808514	39.590	ng	99
71) Anthracene	11.32	178	836629	40.137	ng	99
72) Carbazole	11.47	167	777421	38.230	ng	99
73) Di-n-butylphthalate	11.80	149	1083738	42.635	ng	98
74) Fluoranthene	12.45	202	726179	34.870	ng	98
76) Benzidine	12.58	184	322106	41.628	ng	99
77) Pyrene	12.68	202	728285	40.895	ng	98
79) Butylbenzylphthalate	13.30	149	373783	42.176	ng	96
80) Benzo(a)anthracene	13.87	228	569898	40.187	ng	100
81) 3,3'-Dichlorobenzidine	13.83	252	219023	42.103	ng	98
82) Chrysene	13.90	228	575432	39.959	ng	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	488280	40.996	ng	100
84) Di-n-octyl phthalate	14.47	149	762525	39.368	ng	99
85) Indeno(1,2,3-cd)pyrene	16.69	276	524686	44.117	ng	99
87) Benzo(b)fluoranthene	14.90	252	590287	40.852	ng	99
88) Benzo(k)fluoranthene	14.92	252	520120	38.100	ng	99
89) Benzo(a)pyrene	15.24	252	524784	40.270	ng	99
90) Dibenzo(a,h)anthracene	16.71	278	434184	41.130	ng	99
91) Benzo(g,h,i)perylene	17.12	276	417038	40.011	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.72 min Scan# 787

Delta R.T. -0.00 min

Lab File: BF102375.D

Acq: 24 Jan 2018 7:30

Instrument :

BNA_F

ClientSampleId :

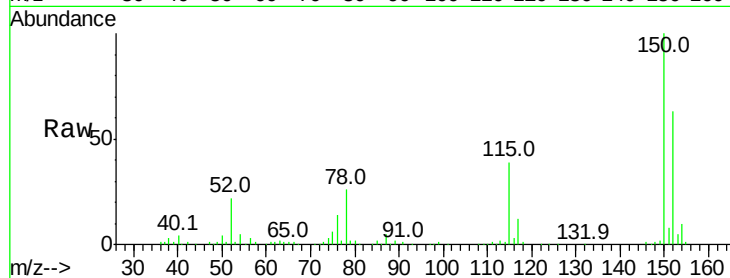
Tot Ion:152 Resp: 125477

Ion Ratio Lower Upper

152 100

150 159.1 124.6 186.8

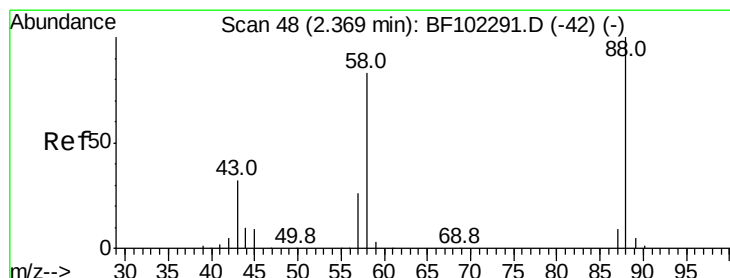
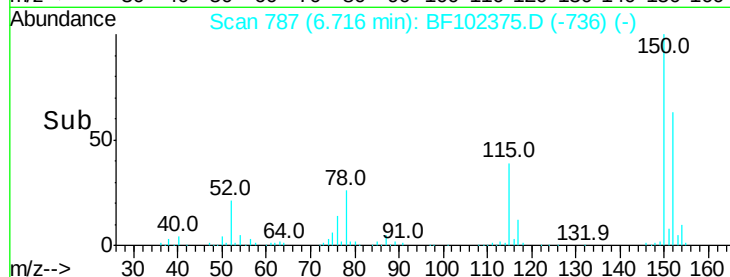
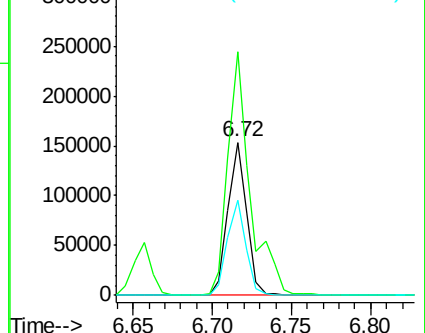
115 62.2 50.1 75.1



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



#2

1,4-Dioxane

Concen: 40.212 ng

RT: 2.35 min Scan# 44

Delta R.T. -0.02 min

Lab File: BF102375.D

Acq: 24 Jan 2018 7:30

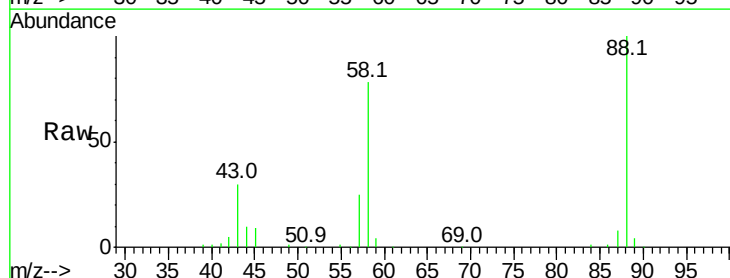
Tgt Ion: 88 Resp: 158108

Ion Ratio Lower Upper

88 100

58 80.9 62.6 93.8

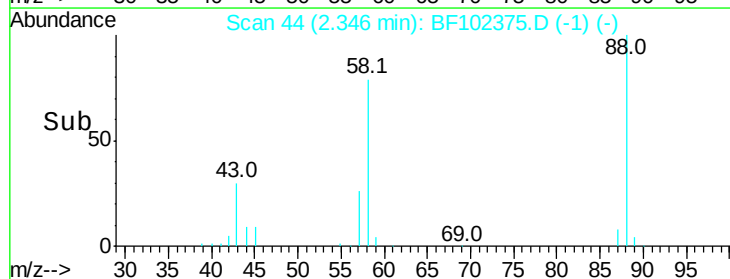
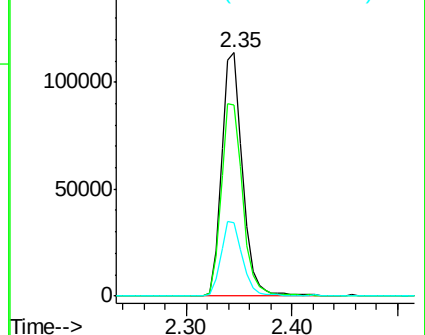
43 31.4 24.6 37.0

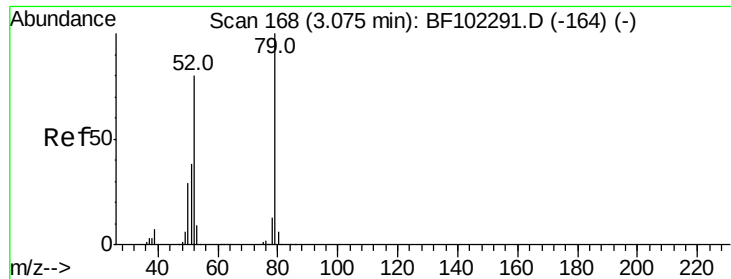


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 40.921 ng

RT: 3.05 min Scan# 163

Delta R.T. -0.03 min

Lab File: BF102375.D

Acq: 24 Jan 2018 7:30

Instrument :

BNA_F

ClientSampleId :

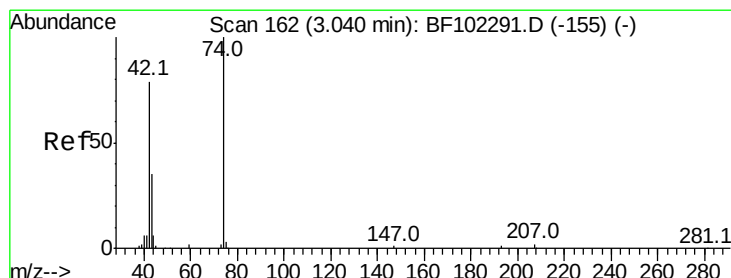
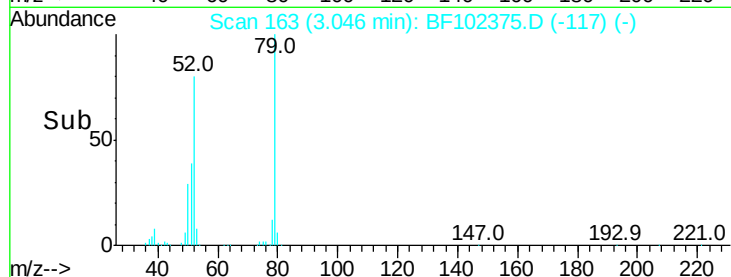
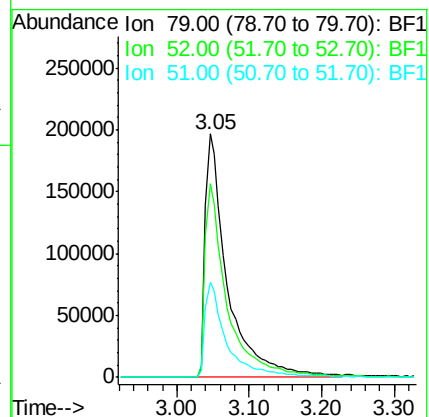
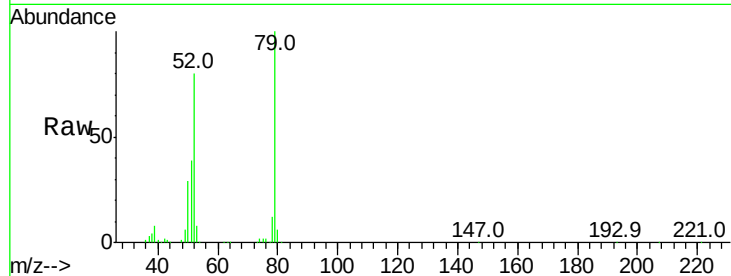
Tot Ion: 79 Resp: 420478

Ion Ratio Lower Upper

79 100

52 79.6 59.8 89.6

51 39.2 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 41.260 ng

RT: 3.02 min Scan# 158

Delta R.T. -0.02 min

Lab File: BF102375.D

Acq: 24 Jan 2018 7:30

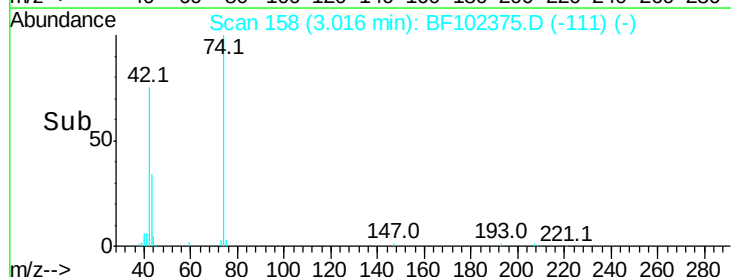
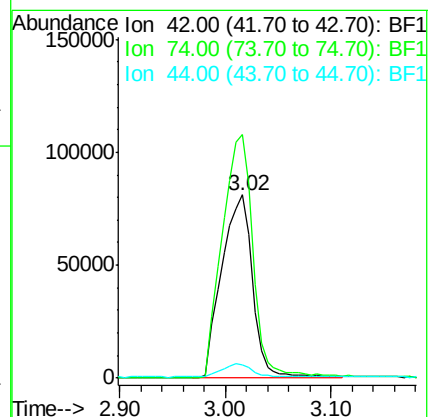
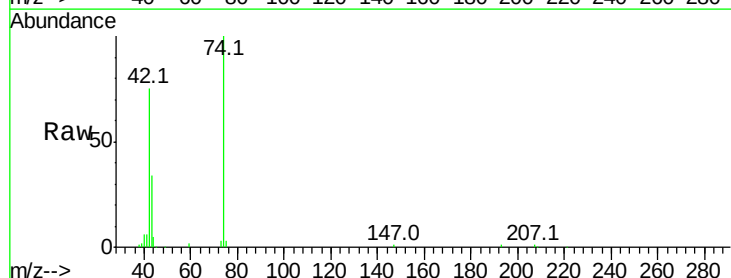
Tgt Ion: 42 Resp: 166208

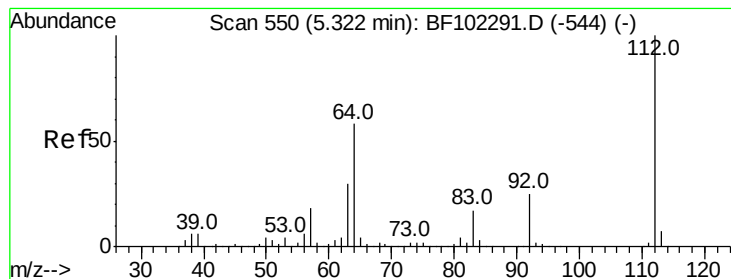
Ion Ratio Lower Upper

42 100

74 133.0 104.9 157.3

44 7.1 6.9 10.3





#5

2-Fluorophenol

Concen: 82.288 ng

RT: 5.32 min Scan# 549

Delta R.T. -0.01 min

Lab File: BF102375.D

Acq: 24 Jan 2018 7:30

Instrument :

BNA_F

ClientSampleId :

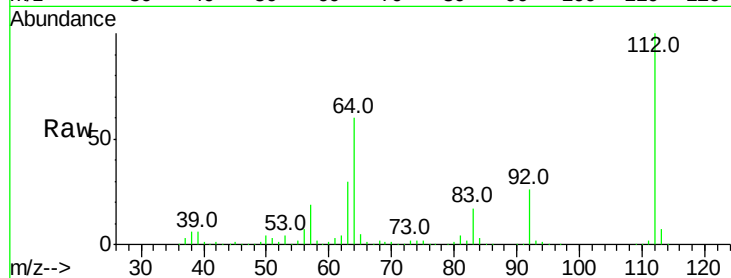
Tot Ion:112 Resp: 680969

Ion Ratio Lower Upper

112 100

64 60.1 47.9 71.9

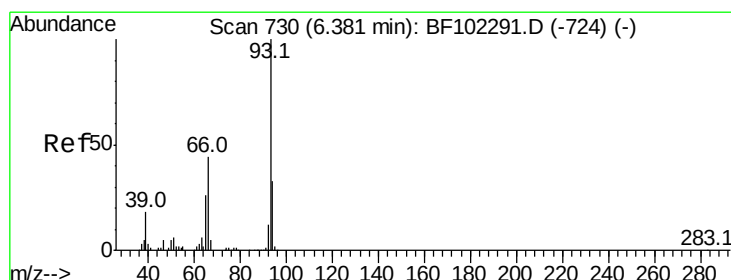
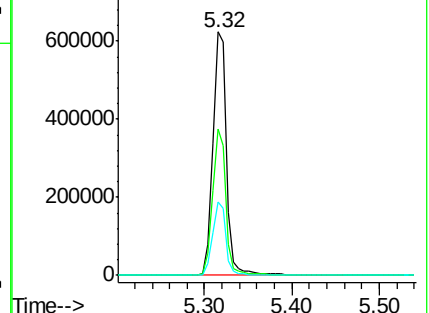
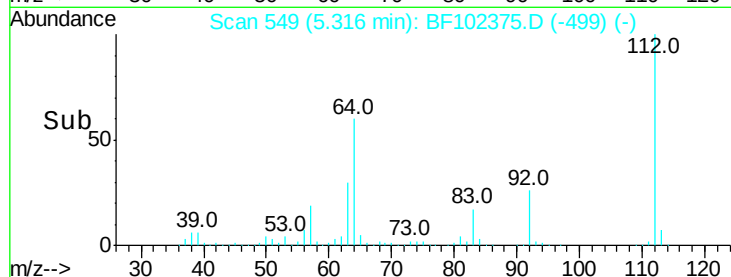
63 30.2 23.7 35.5



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: 40.111 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF102375.D

Acq: 24 Jan 2018 7:30

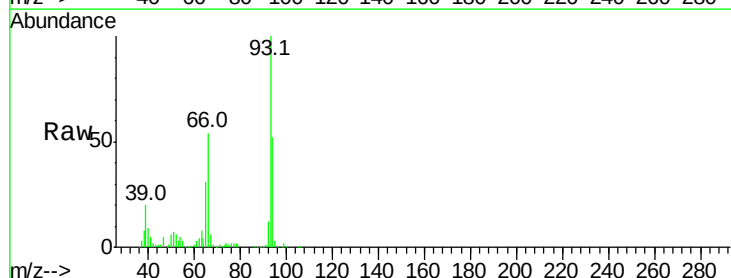
Tgt Ion: 93 Resp: 529302

Ion Ratio Lower Upper

93 100

66 54.4 32.2 48.2#

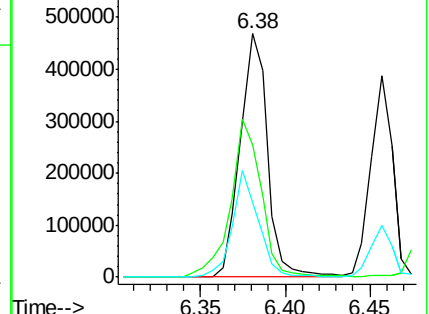
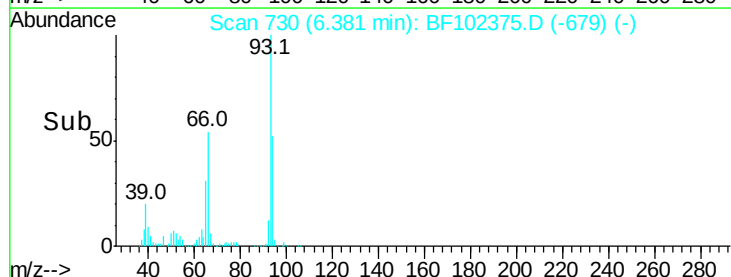
65 30.6 16.4 24.6#

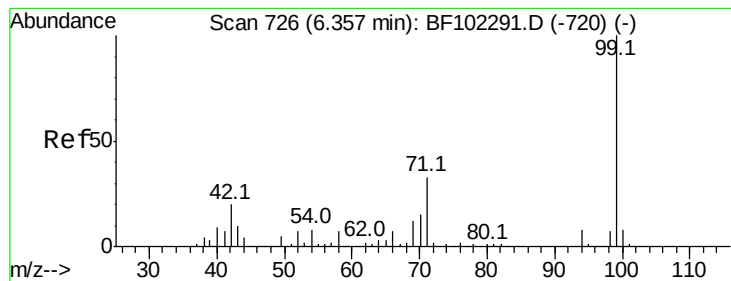


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.977 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF102375.D

Acq: 24 Jan 2018 7:30

Instrument :

BNA_F

ClientSampled :

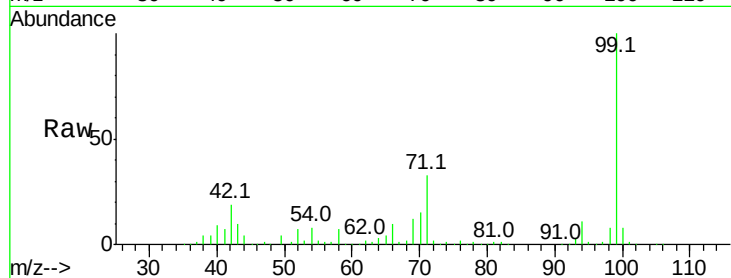
Tot Ion: 99 Resp: 807893

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

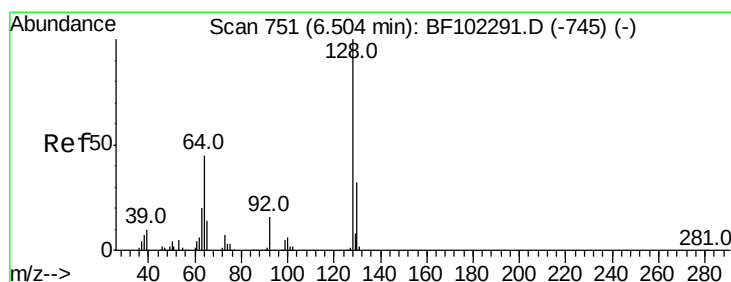
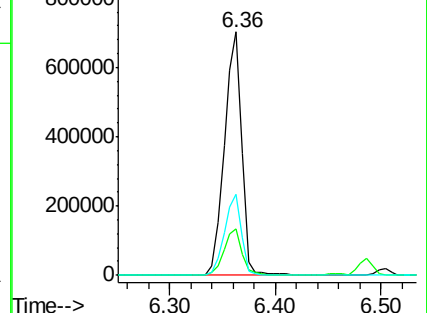
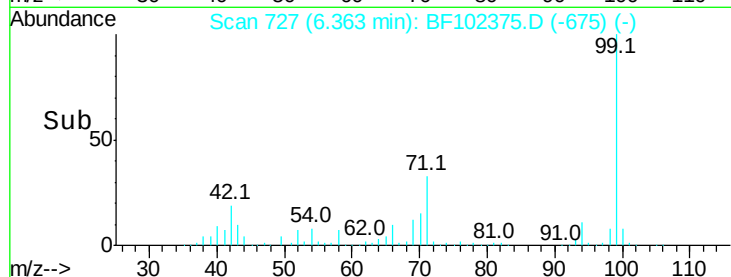
71 33.2 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.043 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF102375.D

Acq: 24 Jan 2018 7:30

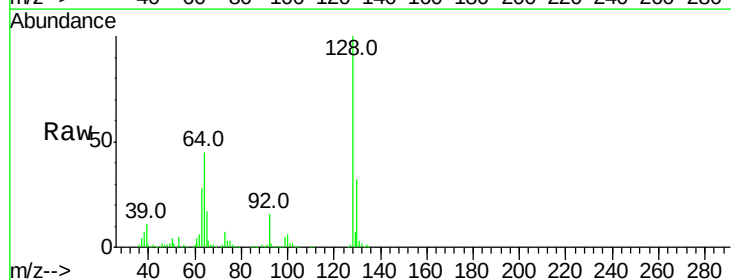
Tgt Ion: 128 Resp: 356037

Ion Ratio Lower Upper

128 100

130 32.2 13.0 53.0

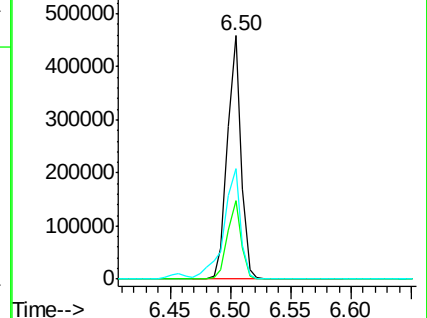
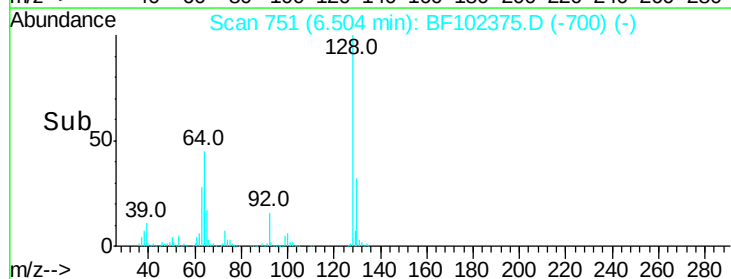
64 45.3 29.4 69.4

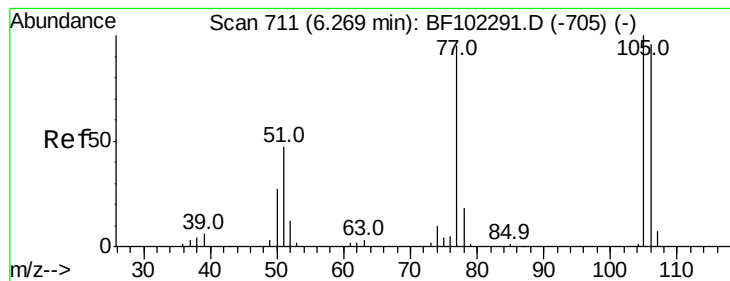


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 42.556 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF102375.D

Acq: 24 Jan 2018 7:30

Instrument :

BNA_F

ClientSampleId :

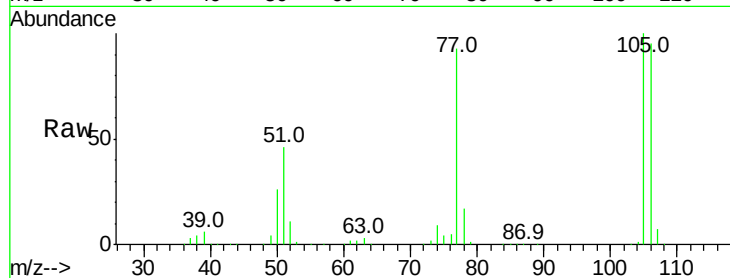
Tot Ion: 77 Resp: 230406

Ion Ratio Lower Upper

77 100

105 107.0 81.1 121.1

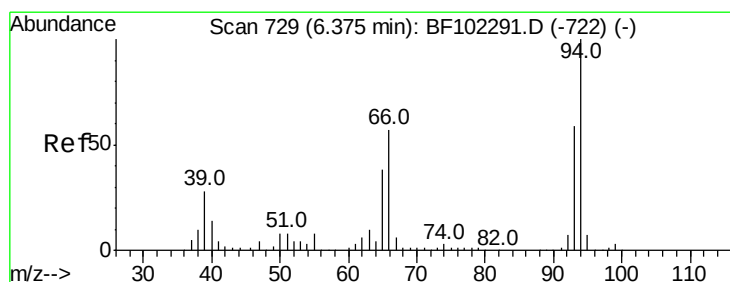
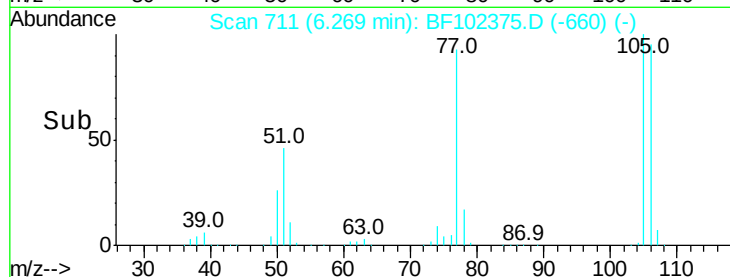
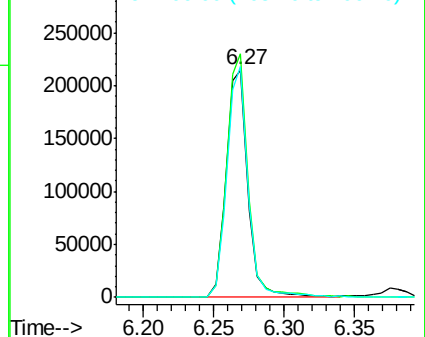
106 101.3 74.5 114.5



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: 39.425 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF102375.D

Acq: 24 Jan 2018 7:30

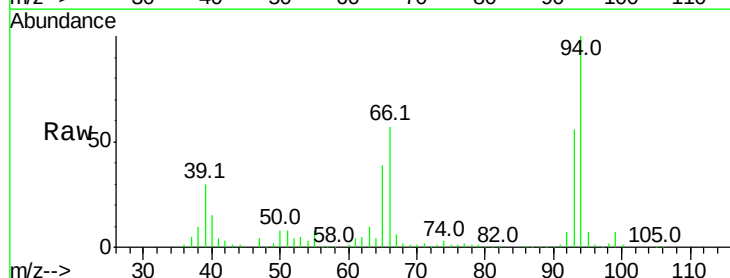
Tgt Ion: 94 Resp: 429417

Ion Ratio Lower Upper

94 100

65 38.8 7.9 47.9

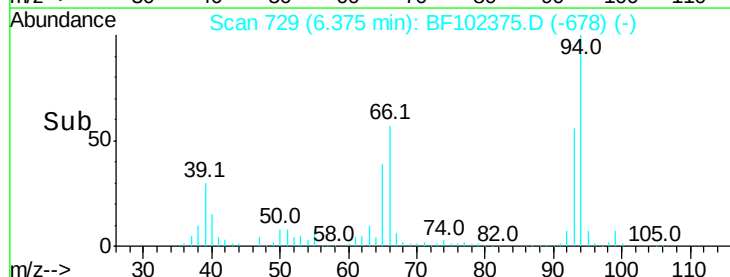
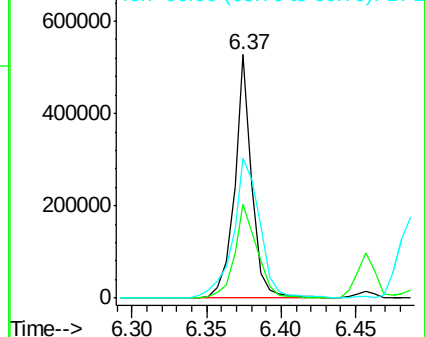
66 57.4 16.2 56.2#

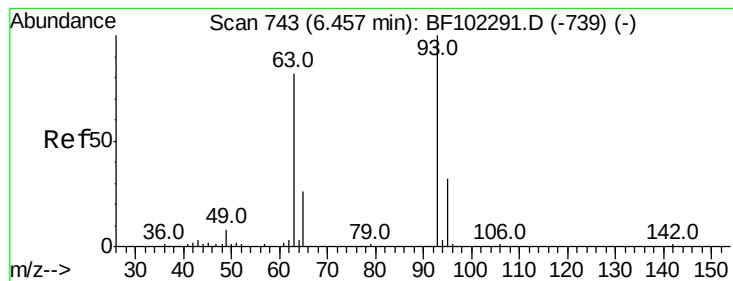


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 41.225 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF102375.D

Acq: 24 Jan 2018 7:30

Instrument :

BNA_F

ClientSampleId :

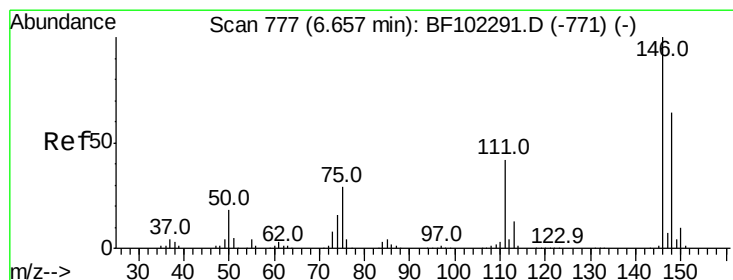
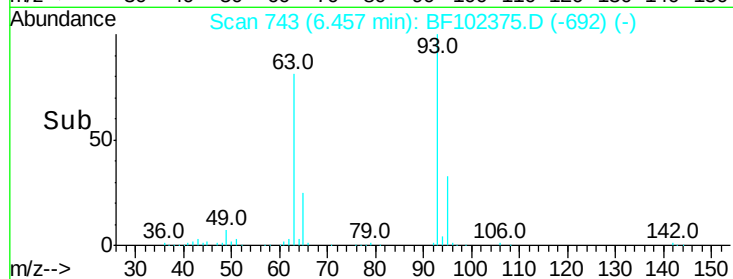
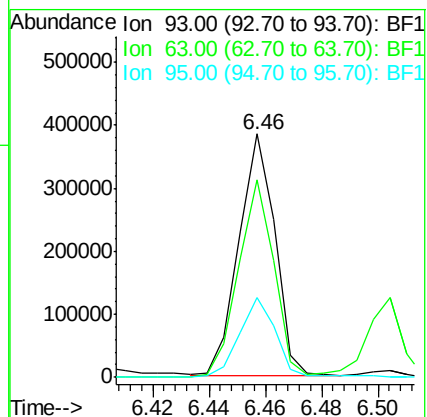
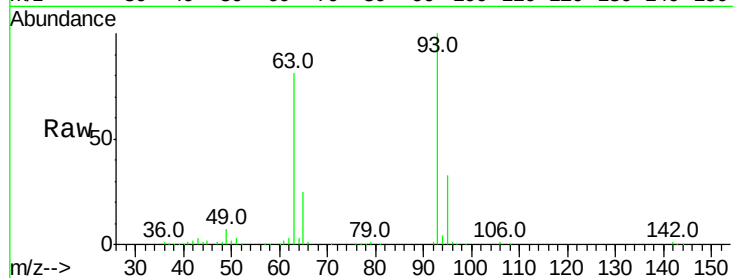
Tot Ion: 93 Resp: 341509

Ion Ratio Lower Upper

93 100

63 81.3 58.6 98.6

95 32.7 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 40.330 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF102375.D

Acq: 24 Jan 2018 7:30

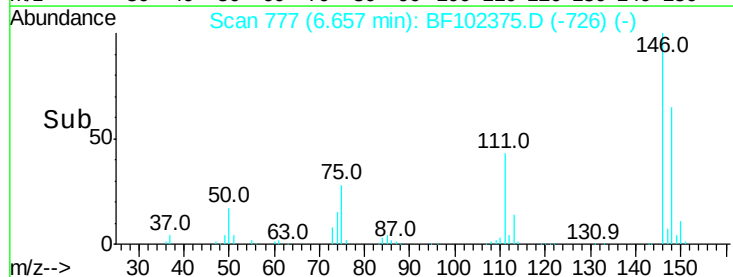
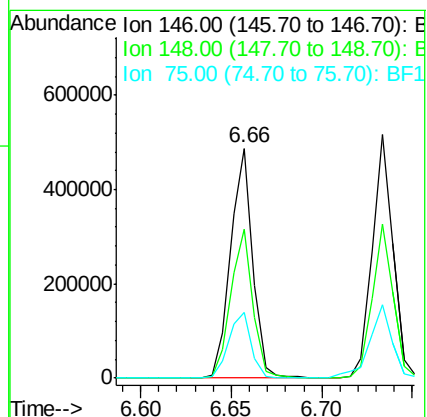
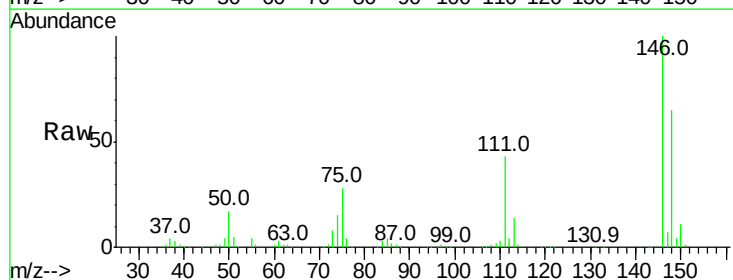
Tgt Ion: 146 Resp: 416081

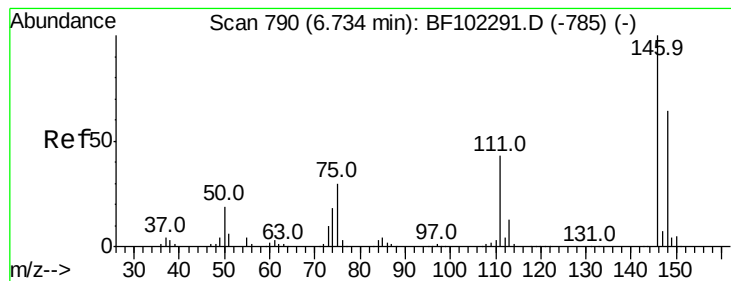
Ion Ratio Lower Upper

146 100

148 65.1 51.8 77.8

75 28.4 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 40.634 ng

RT: 6.73 min Scan# 790

Delta R.T. -0.00 min

Lab File: BF102375.D

Acq: 24 Jan 2018 7:30

Instrument :

BNA_F

ClientSampleId :

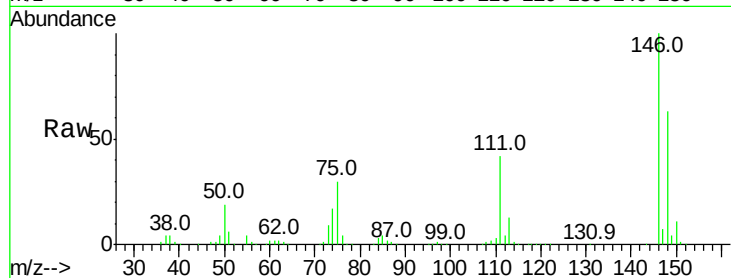
Tot Ion:146 Resp: 419936

Ion Ratio Lower Upper

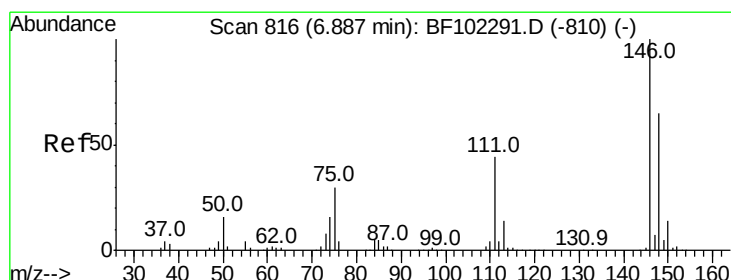
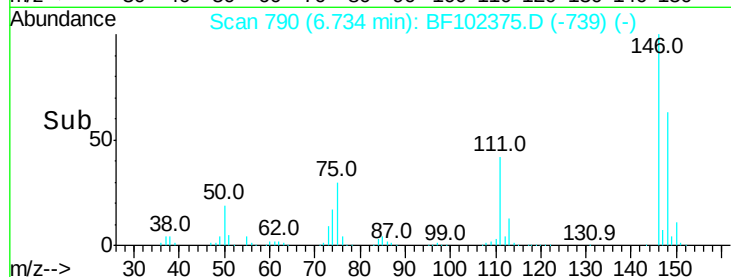
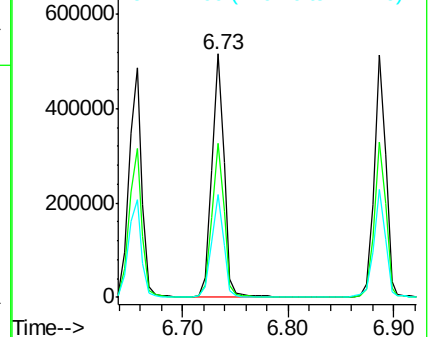
146 100

148 63.3 50.8 76.2

111 42.0 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: 40.974 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF102375.D

Acq: 24 Jan 2018 7:30

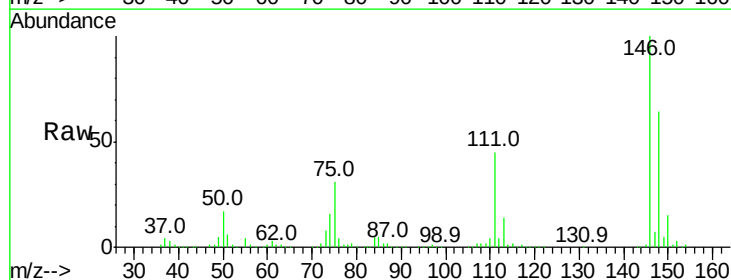
Tgt Ion:146 Resp: 387332

Ion Ratio Lower Upper

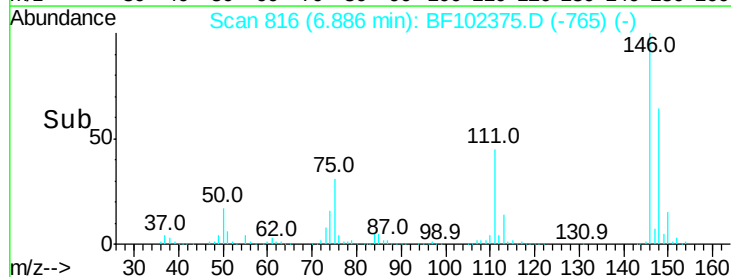
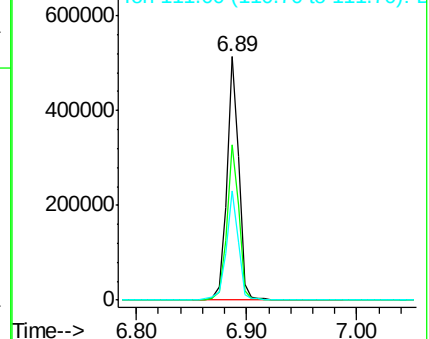
146 100

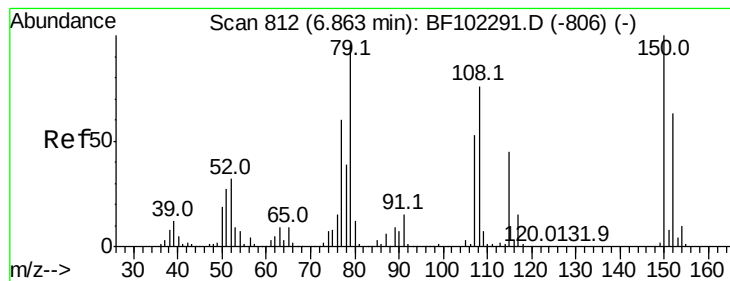
148 63.9 50.6 75.8

111 44.8 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: 39.676 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF102375.D

Acq: 24 Jan 2018 7:30

Instrument :

BNA_F

ClientSampled :

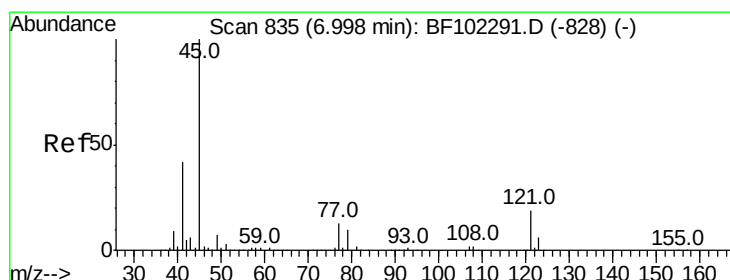
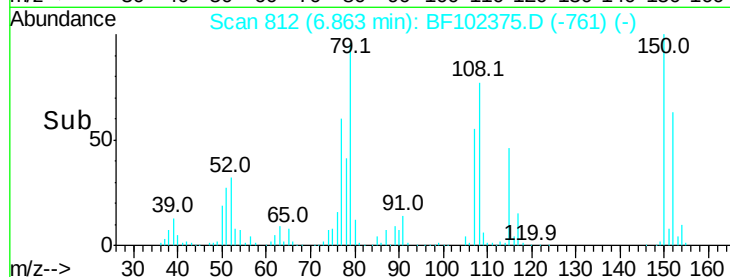
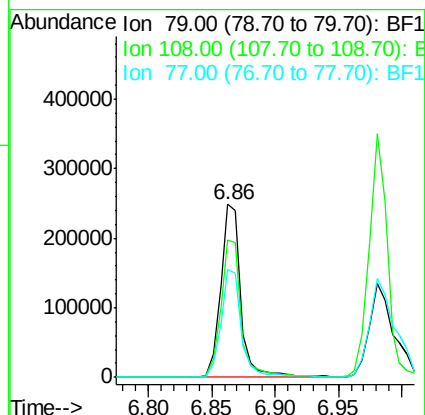
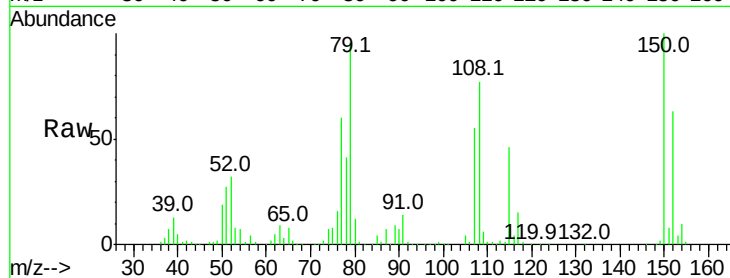
Tot Ion: 79 Resp: 279288

Ion Ratio Lower Upper

79 100

108 79.3 65.1 97.7

77 62.5 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.639 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.00 min

Lab File: BF102375.D

Acq: 24 Jan 2018 7:30

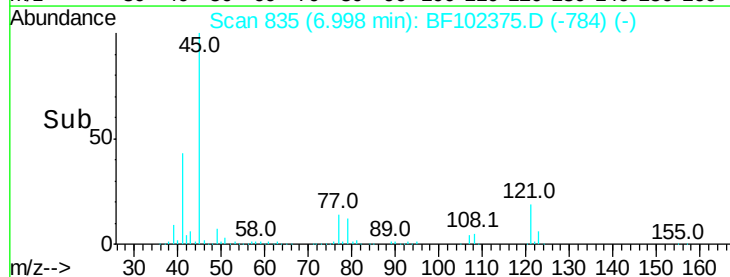
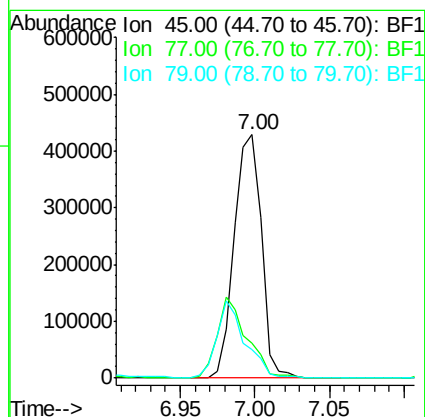
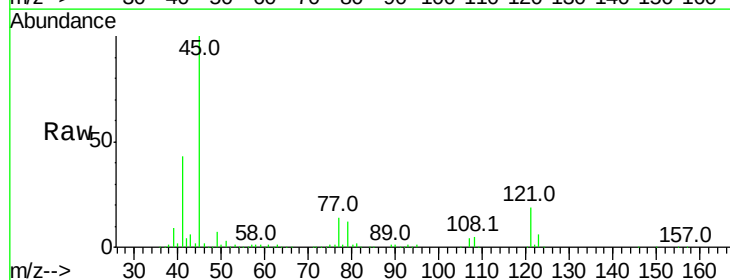
Tgt Ion: 45 Resp: 550735

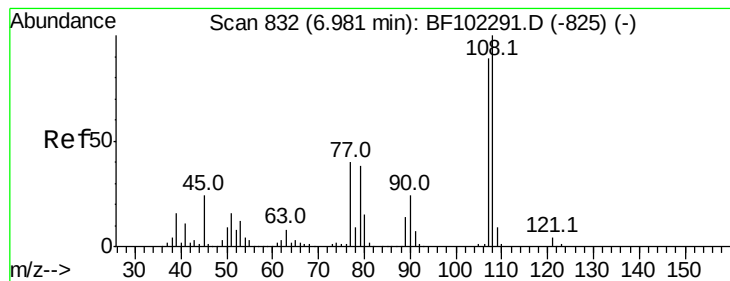
Ion Ratio Lower Upper

45 100

77 14.5 0.0 32.9

79 11.9 0.0 29.6

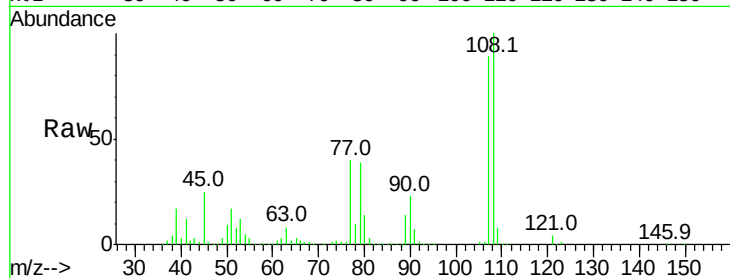




#17
2-Methylphenol
Concen: 40.393 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF102375.D
Acq: 24 Jan 2018 7:30

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.0	91.7	137.5
77	45.7	33.8	50.8
79	43.6	33.8	50.8



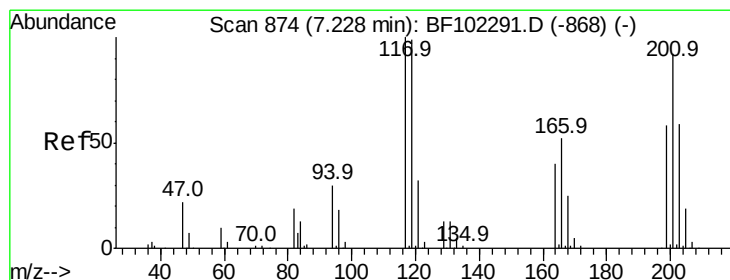
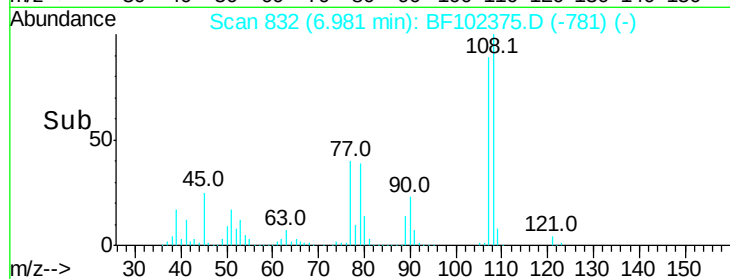
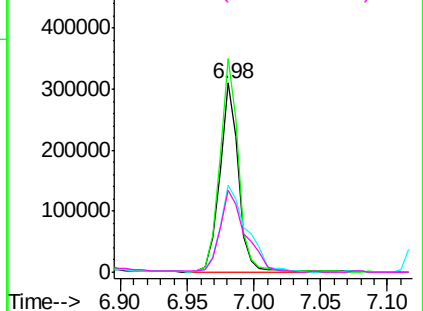
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

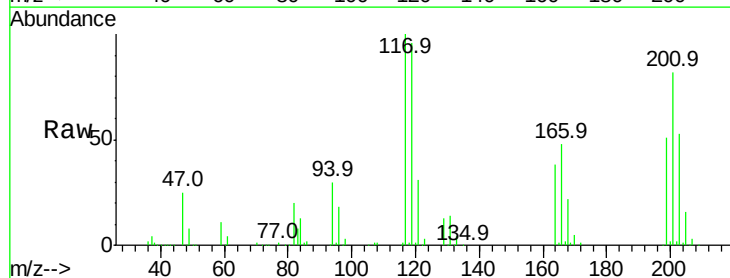
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 35.325 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF102375.D
Acq: 24 Jan 2018 7:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	75.8	113.8
201	82.3	75.7	113.5

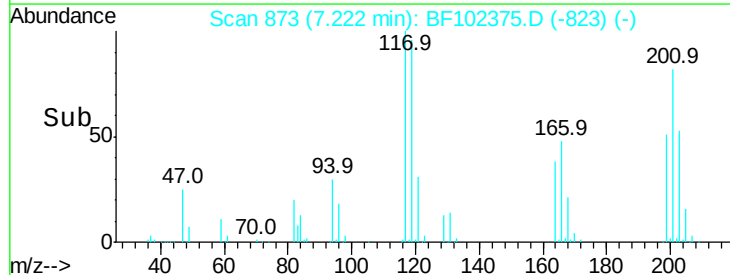
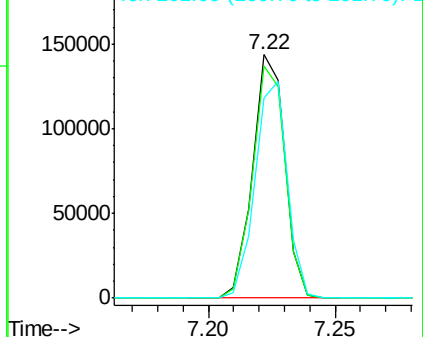


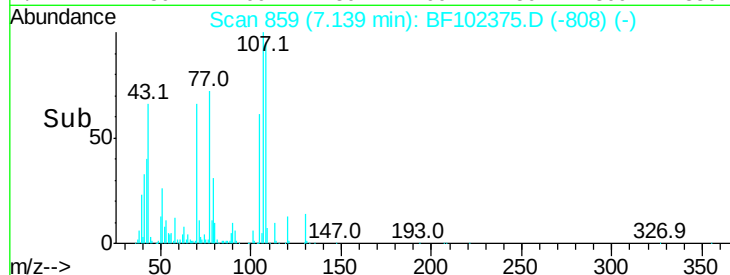
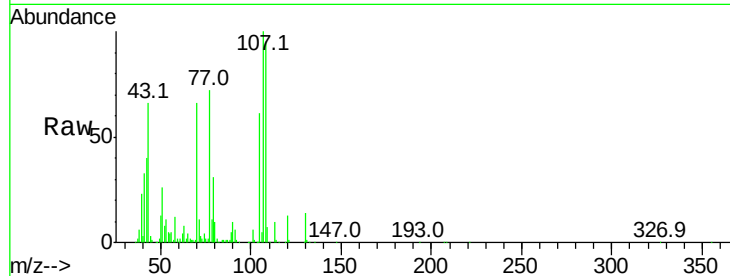
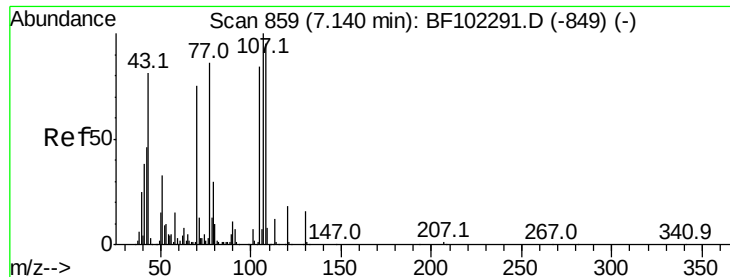
Abundance

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

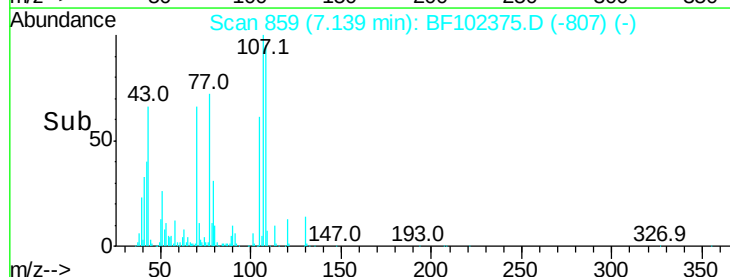
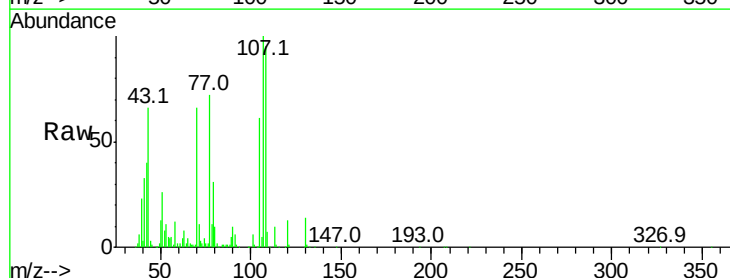
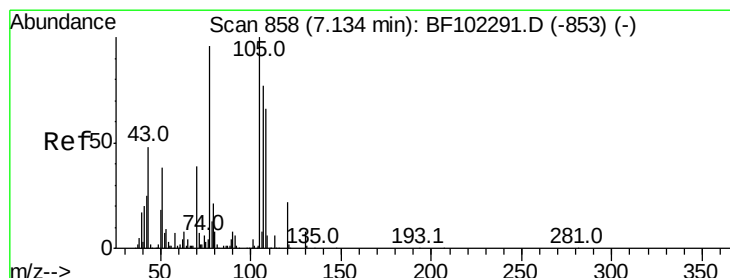
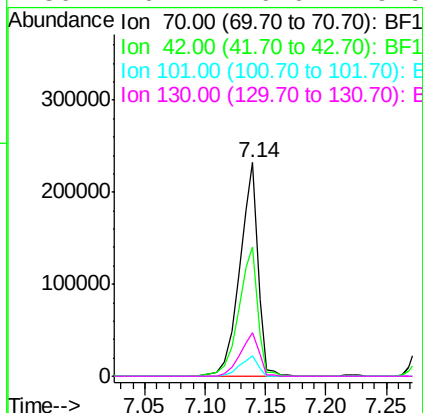




#19
n-Nitroso-di-n-propylamine
Concen: 40.236 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF102375.D
Acq: 24 Jan 2018 7:30

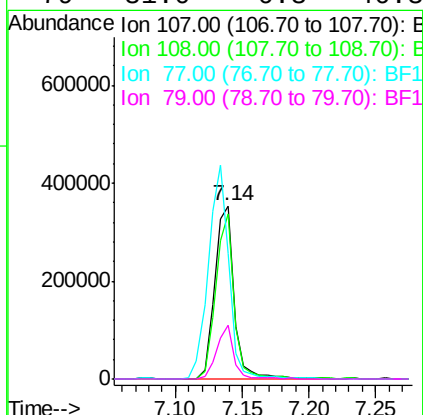
Instrument :
BNA_F
ClientSampleId :

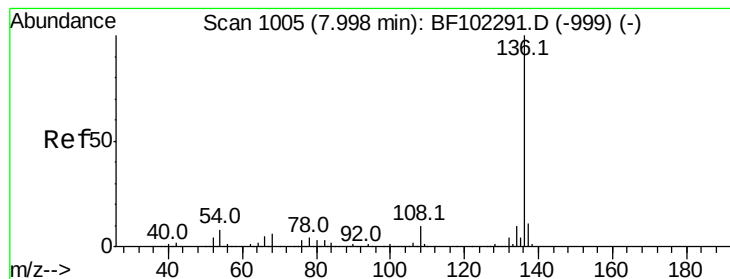
Tot Ion	Ratio	Lower	Upper
70	100		
42	60.3	47.5	71.3
101	9.6	7.4	11.2
130	20.7	16.6	25.0



#20
3+4-Methylphenols
Concen: 41.063 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.01 min
Lab File: BF102375.D
Acq: 24 Jan 2018 7:30

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.2	68.2	108.2
77	72.3	26.7	66.7#
79	31.0	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: BF102375.D

Acq: 24 Jan 2018 7:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 521205

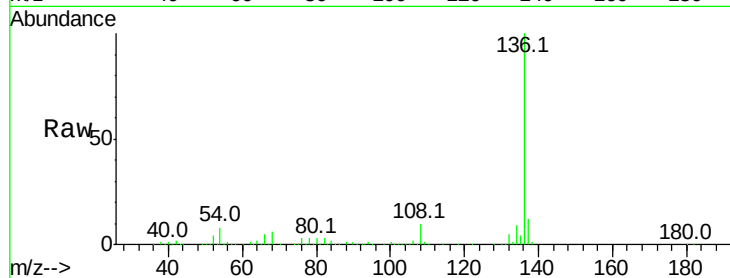
Ion Ratio Lower Upper

136 100

137 11.6 8.9 13.3

54 8.2 6.6 9.8

68 5.6 5.0 7.4

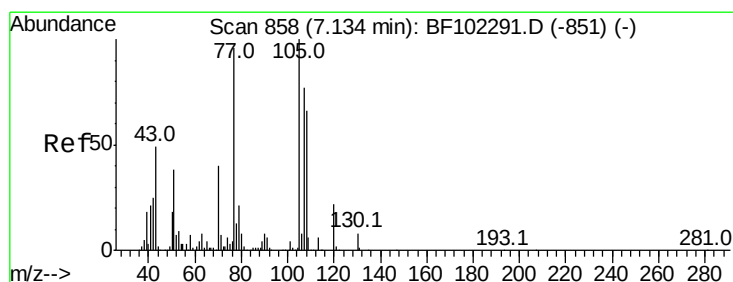
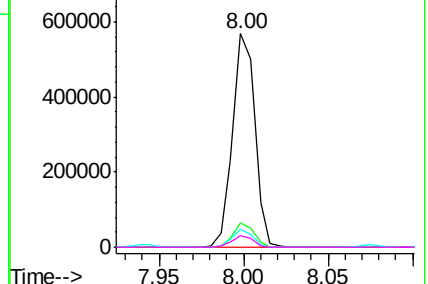
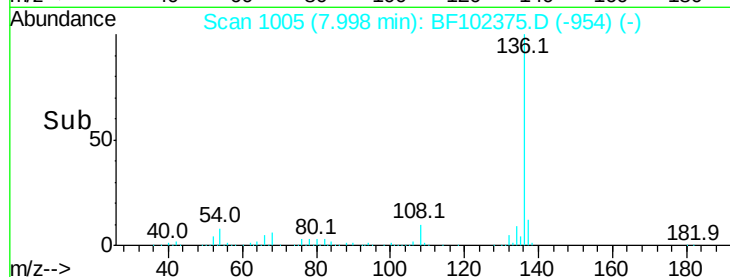


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.530 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF102375.D

Acq: 24 Jan 2018 7:30

Tgt Ion:105 Resp: 491142

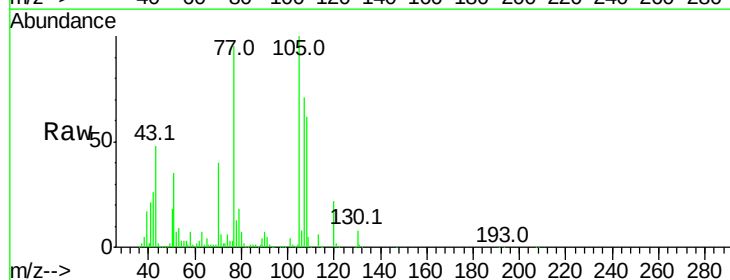
Ion Ratio Lower Upper

105 100

71 6.5 4.4 6.6

51 34.9 22.3 33.5#

120 22.2 16.9 25.3

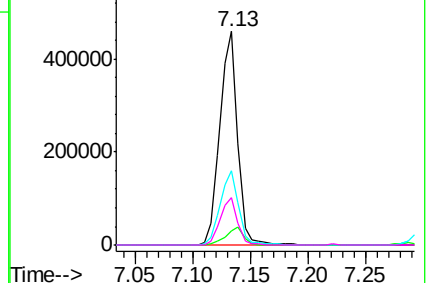
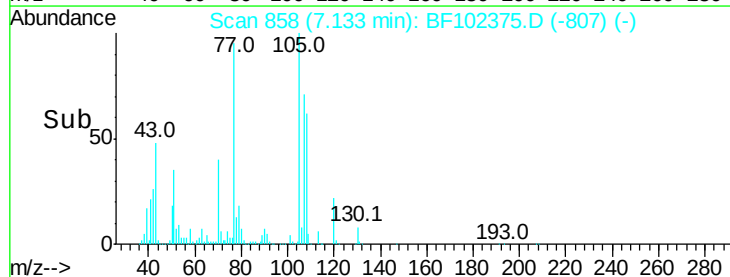


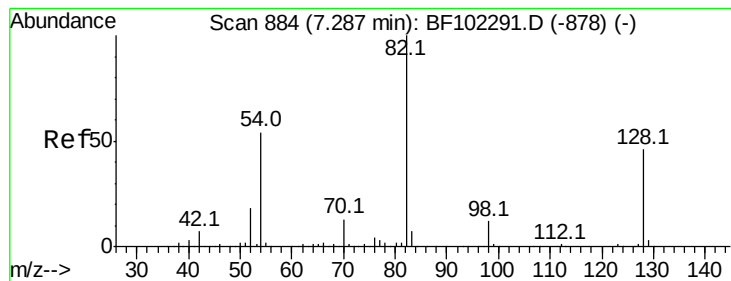
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

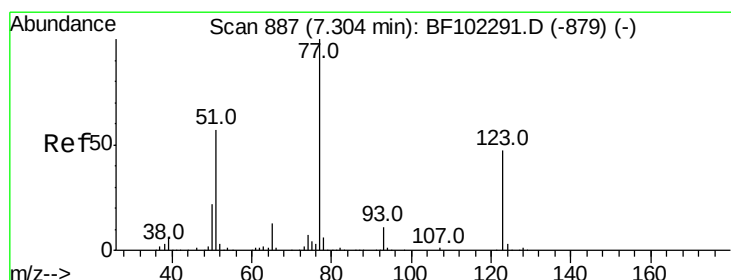
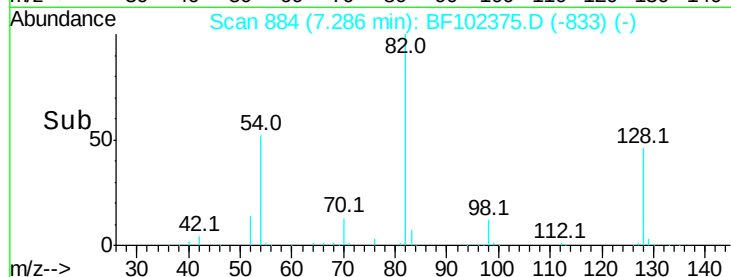
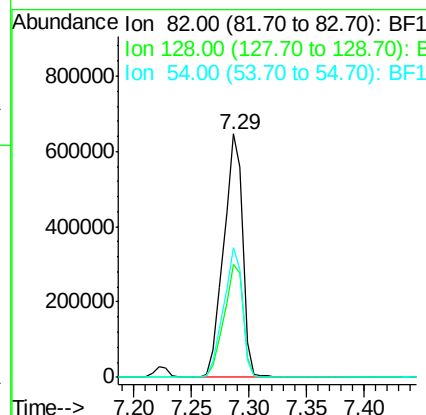
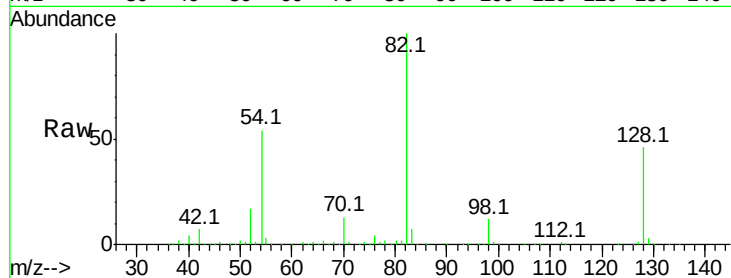




#23
 Nitrobenzene-d5
 Concen: 81.098 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BF102375.D
 Acq: 24 Jan 2018 7:30

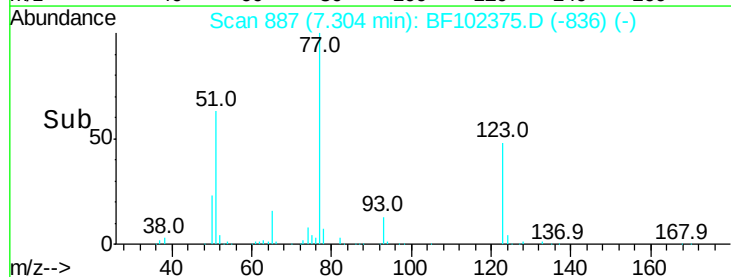
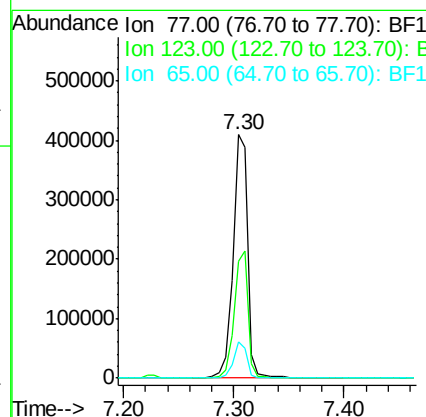
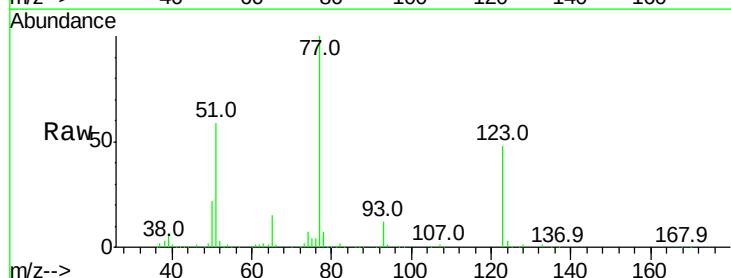
Instrument :
 BNA_F
 ClientSampled :

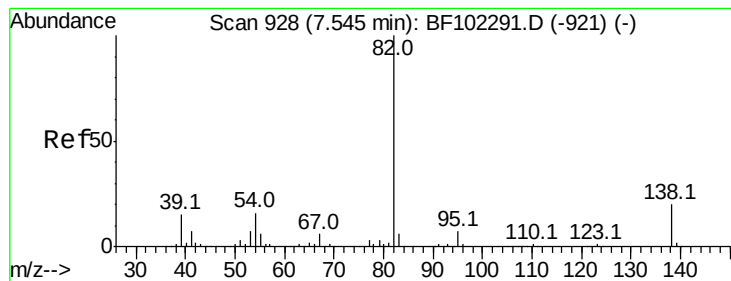
Tot Ion: 82 Resp: 735535
 Ion Ratio Lower Upper
 82 100
 128 46.4 36.1 54.1
 54 53.5 41.4 62.2



#24
 Nitrobenzene
 Concen: 40.440 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.00 min
 Lab File: BF102375.D
 Acq: 24 Jan 2018 7:30

Tgt Ion: 77 Resp: 375349
 Ion Ratio Lower Upper
 77 100
 123 48.1 37.9 56.9
 65 14.7 11.0 16.4





#25

Isophorone

Concen: 40.160 ng

RT: 7.55 min Scan# 928

Delta R.T. -0.00 min

Lab File: BF102375.D

Acq: 24 Jan 2018 7:30

Instrument :

BNA_F

ClientSampleId :

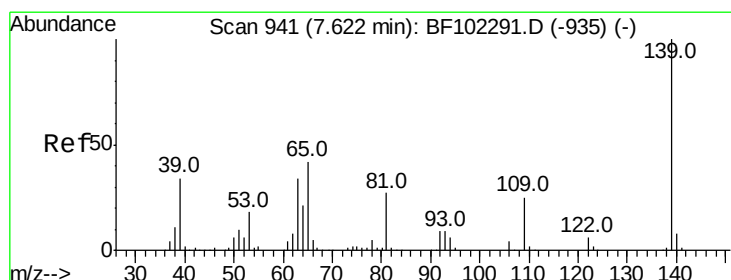
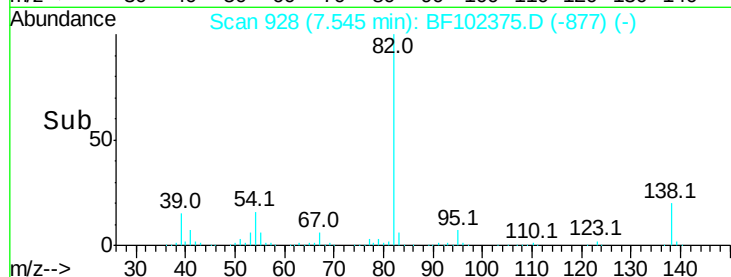
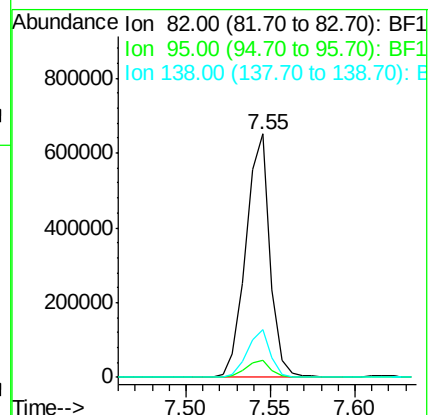
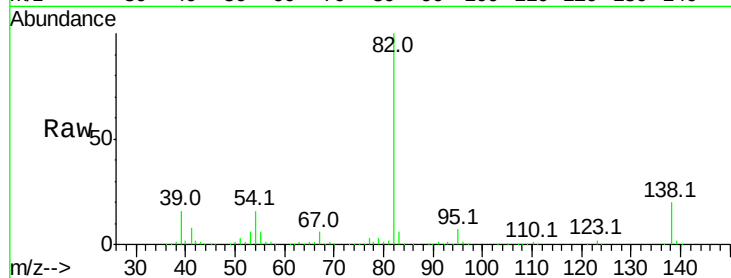
Tot Ion: 82 Resp: 649343

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

138 19.5 14.9 22.3



#26

2-Nitrophenol

Concen: 38.536 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF102375.D

Acq: 24 Jan 2018 7:30

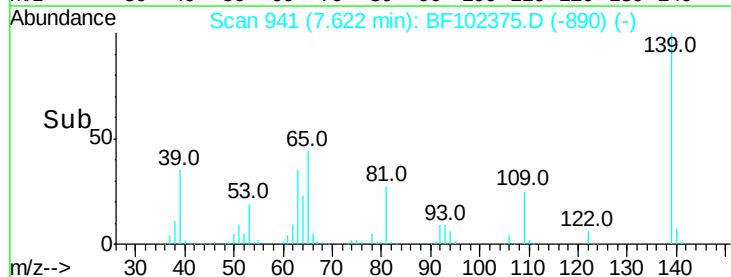
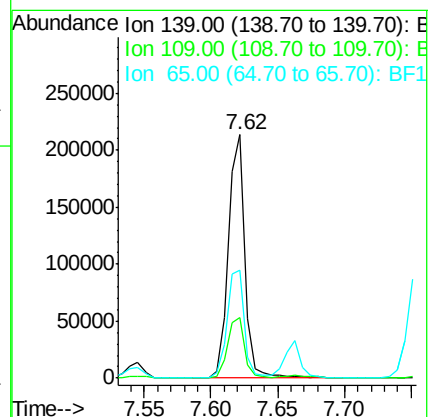
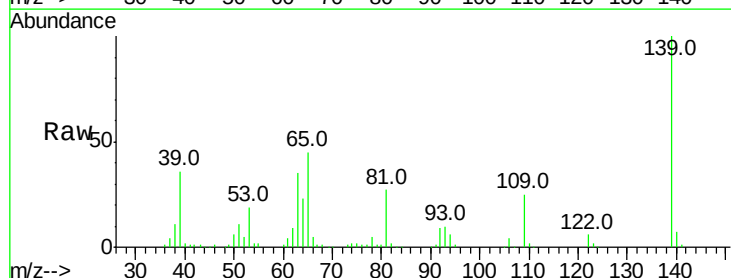
Tgt Ion: 139 Resp: 188247

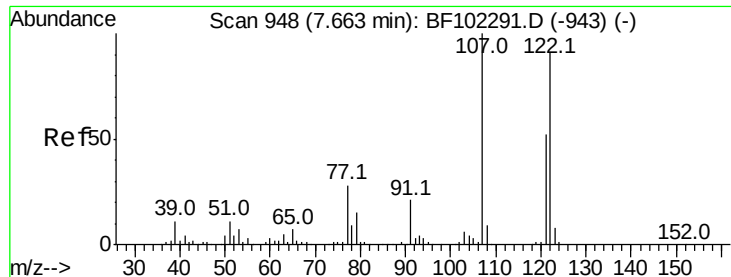
Ion Ratio Lower Upper

139 100

109 25.0 22.7 34.1

65 44.5 40.5 60.7

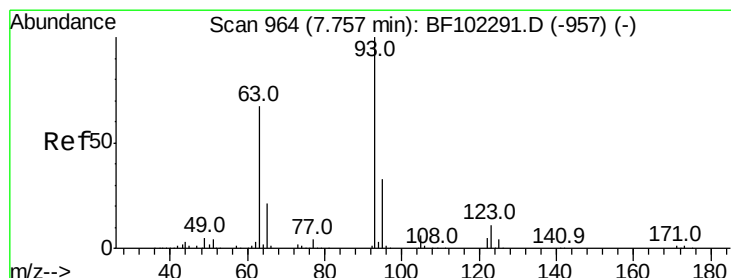
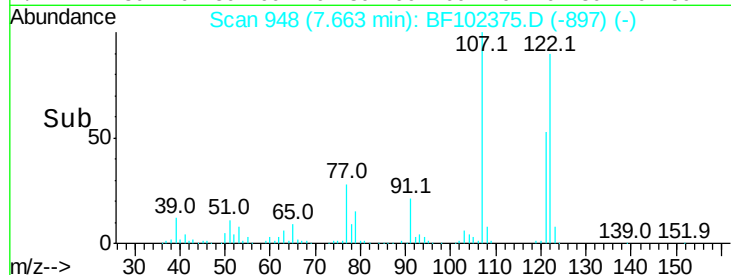
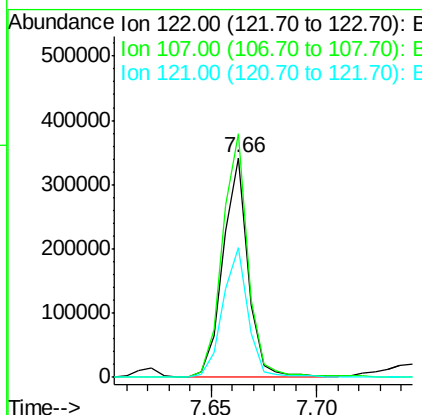
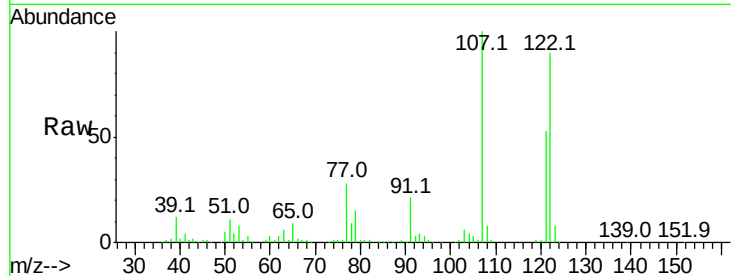




#27
 2,4-Dimethylphenol
 Concen: 39.488 ng
 RT: 7.66 min Scan# 948
 Delta R.T. -0.00 min
 Lab File: BF102375.D
 Acq: 24 Jan 2018 7:30

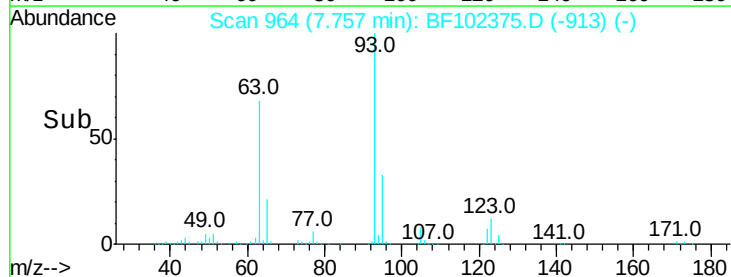
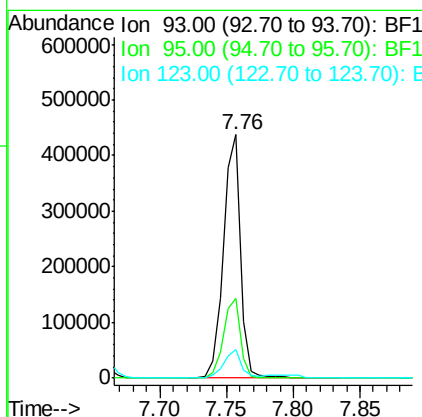
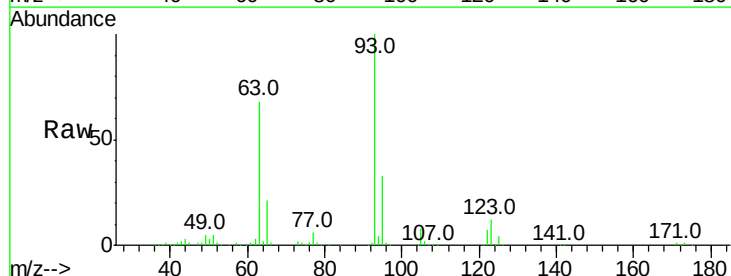
Instrument :
 BNA_F
 ClientSampled :

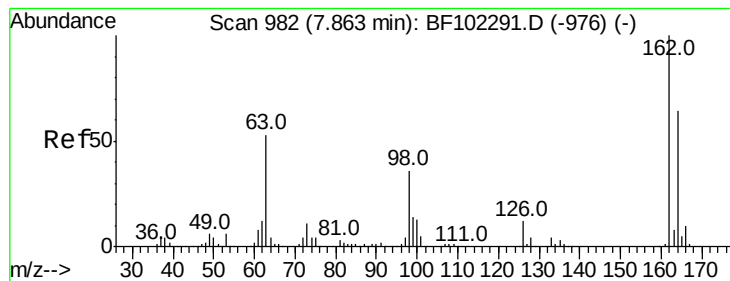
Tot Ion:122 Resp: 280101
 Ion Ratio Lower Upper
 122 100
 107 111.0 91.2 136.8
 121 59.0 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.886 ng
 RT: 7.76 min Scan# 964
 Delta R.T. -0.00 min
 Lab File: BF102375.D
 Acq: 24 Jan 2018 7:30

Tgt Ion: 93 Resp: 398389
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.3 39.5
 123 11.9 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 39.603 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.00 min

Lab File: BF102375.D

Acq: 24 Jan 2018 7:30

Instrument :

BNA_F

ClientSampled :

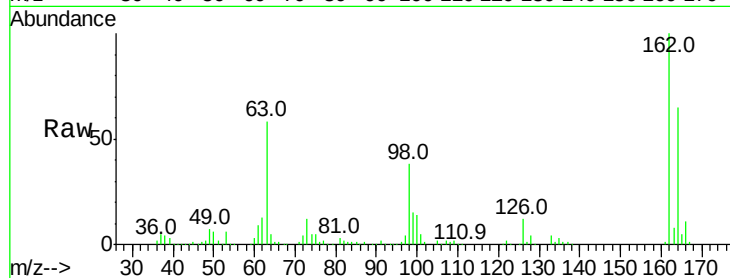
Tot Ion:162 Resp: 286146

Ion Ratio Lower Upper

162 100

164 65.0 42.7 82.7

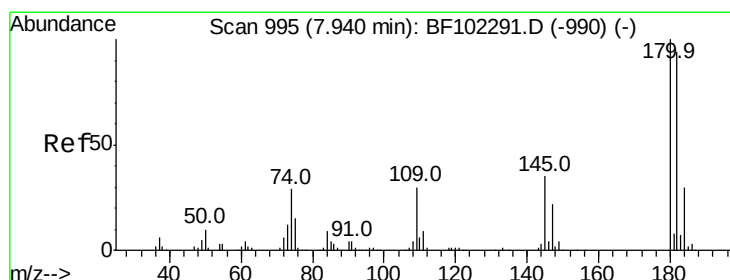
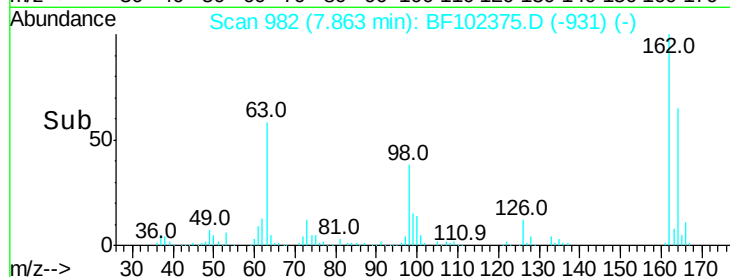
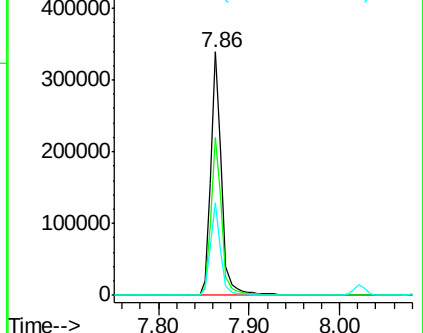
98 38.2 18.1 58.1



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: 39.635 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.01 min

Lab File: BF102375.D

Acq: 24 Jan 2018 7:30

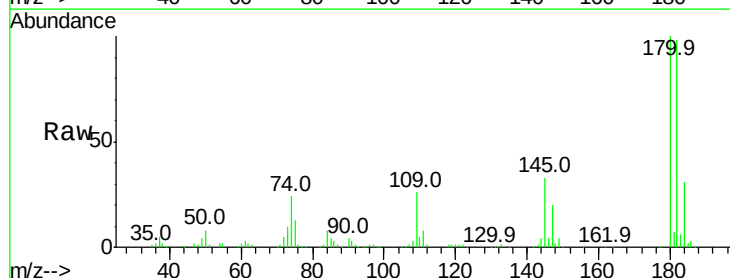
Tgt Ion:180 Resp: 306983

Ion Ratio Lower Upper

180 100

182 98.4 76.8 115.2

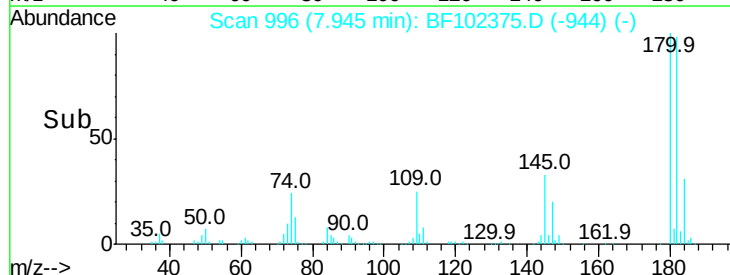
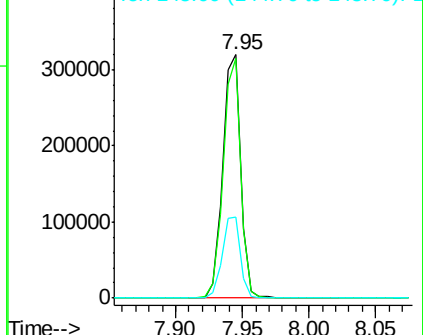
145 33.3 26.5 39.7

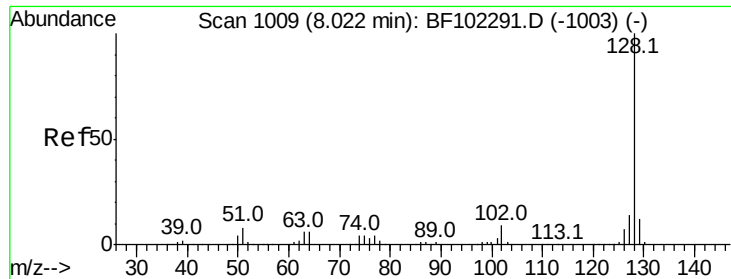


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

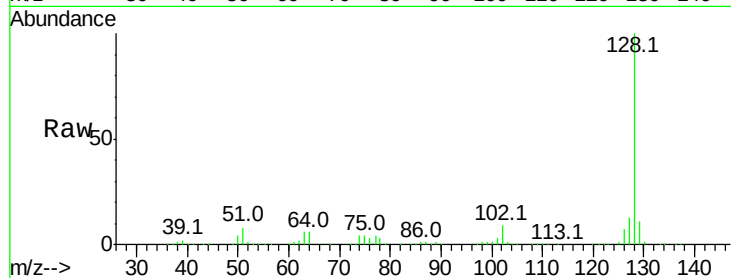




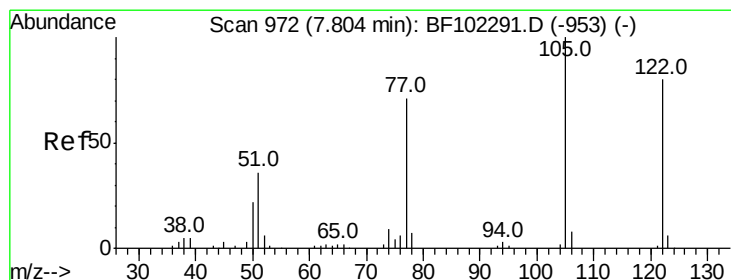
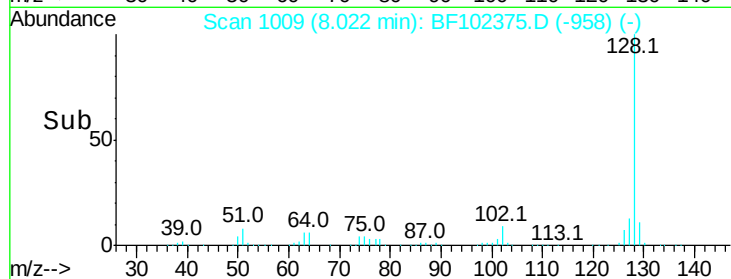
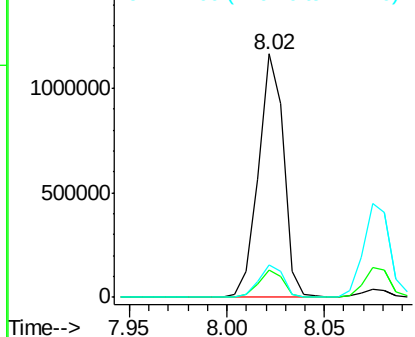
#31
Naphthalene
Concen: 39.842 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF102375.D
Acq: 24 Jan 2018 7:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1036808
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.4 10.9 16.3

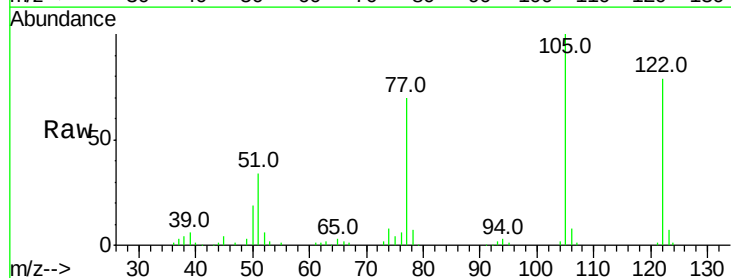


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

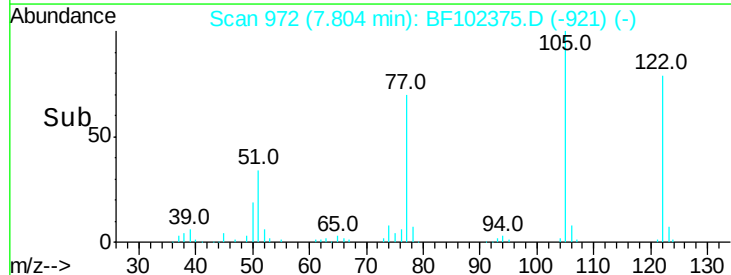
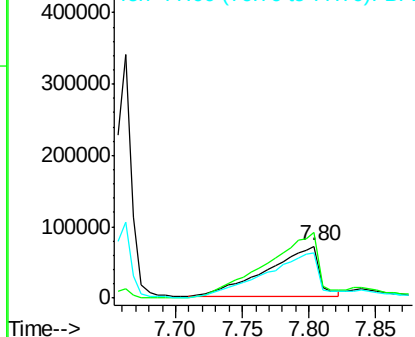


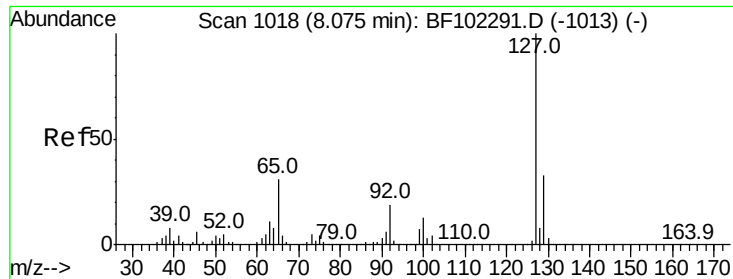
#32
Benzoic acid
Concen: 32.794 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BF102375.D
Acq: 24 Jan 2018 7:30

Tgt Ion:122 Resp: 194895
Ion Ratio Lower Upper
122 100
105 125.8 101.1 141.1
77 88.3 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

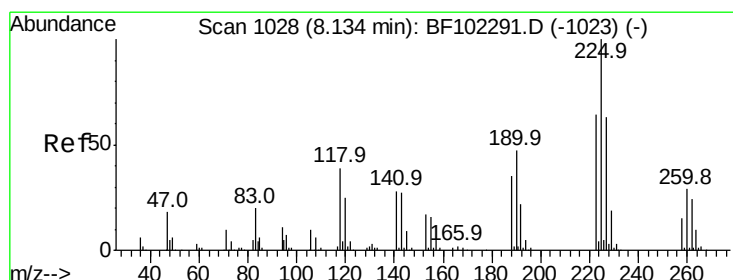
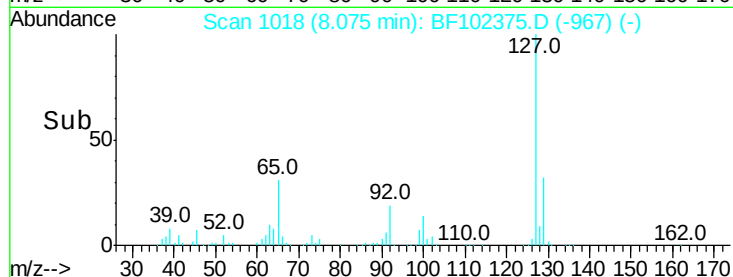
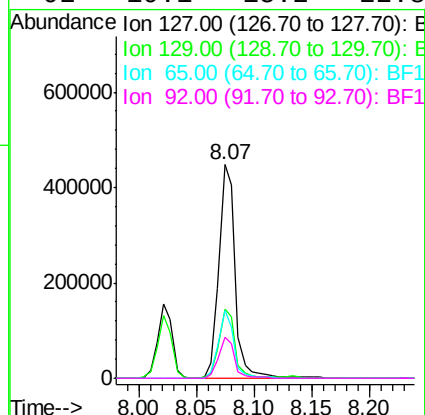
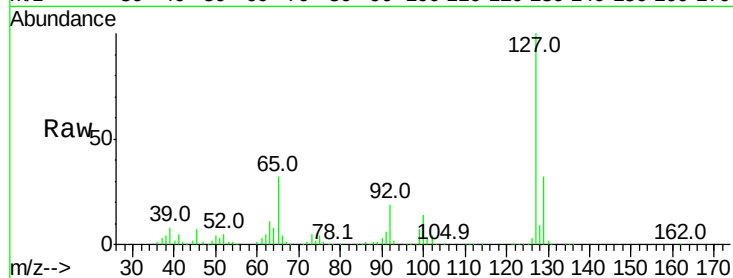




#33
4-Chloroaniline
Concen: 39.822 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF102375.D
Acq: 24 Jan 2018 7:30

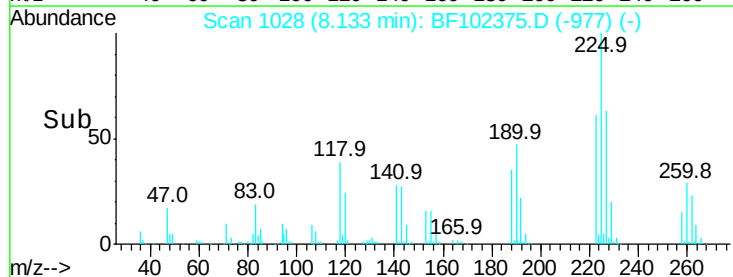
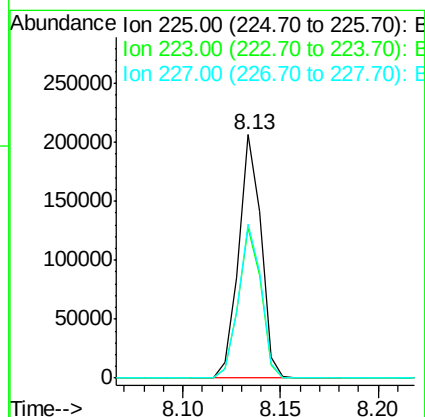
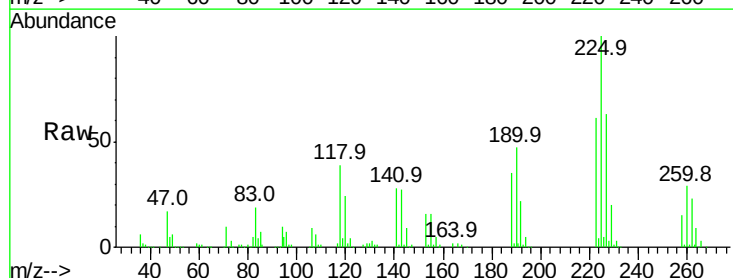
Instrument :
BNA_F
ClientSampleId :

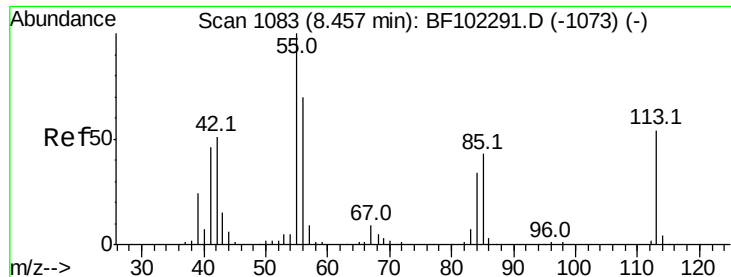
Tot Ion:	127	Resp:	435773
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	31.6	25.0	37.4
92	19.1	15.2	22.8



#34
Hexachlorobutadiene
Concen: 39.970 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF102375.D
Acq: 24 Jan 2018 7:30

Tgt Ion:	225	Resp:	165346
Ion	Ratio	Lower	Upper
225	100		
223	61.4	50.6	76.0
227	63.2	51.9	77.9

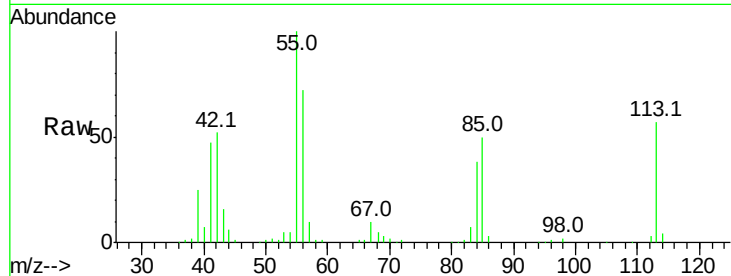




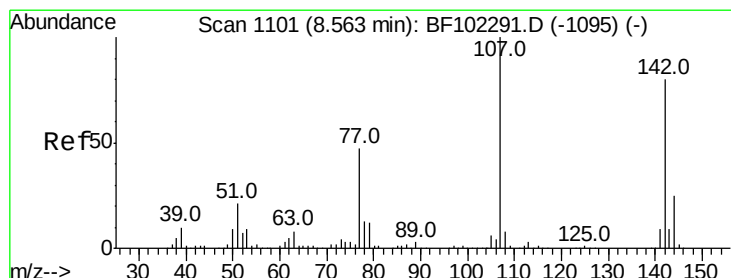
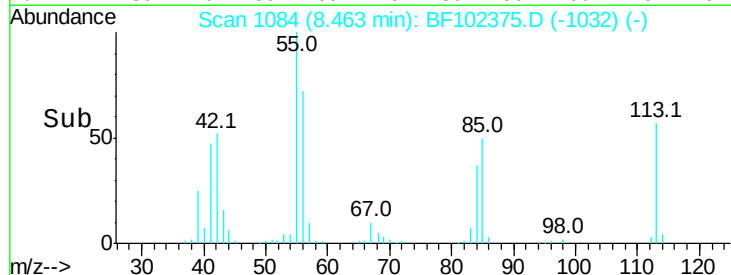
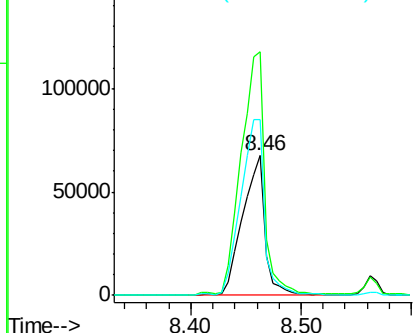
#35
 Caprolactam
 Concen: 40.595 ng
 RT: 8.46 min Scan# 1084
 Delta R.T. 0.01 min
 Lab File: BF102375.D
 Acq: 24 Jan 2018 7:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 96871
 Ion Ratio Lower Upper
 113 100
 55 174.6 163.3 203.3
 56 125.9 115.7 155.7

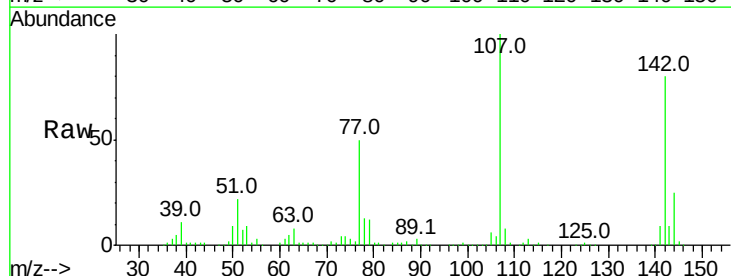


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

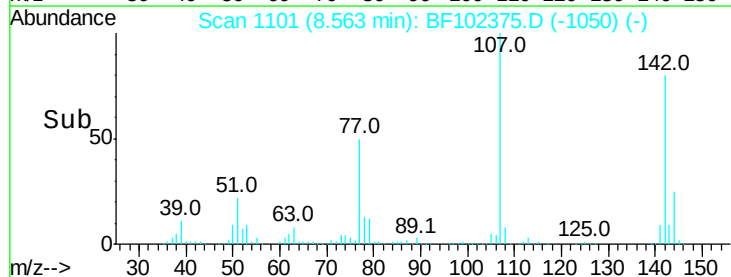
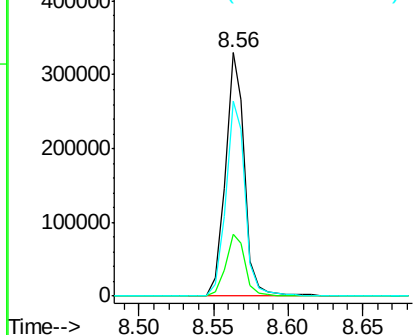


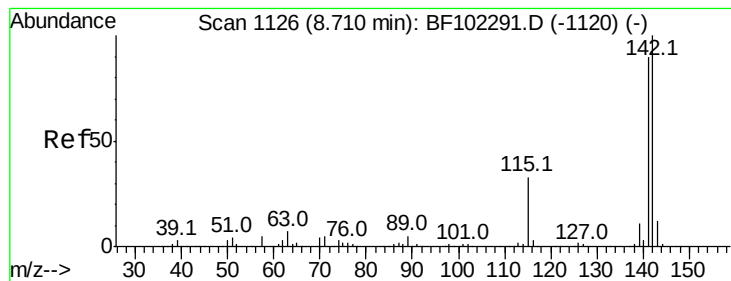
#36
 4-Chloro-3-methylphenol
 Concen: 39.444 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.00 min
 Lab File: BF102375.D
 Acq: 24 Jan 2018 7:30

Tgt Ion:107 Resp: 300409
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.5 30.7
 142 80.1 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.502 ng

RT: 8.72 min Scan# 1127

Delta R.T. 0.01 min

Lab File: BF102375.D

Acq: 24 Jan 2018 7:30

Instrument :

BNA_F

ClientSampled :

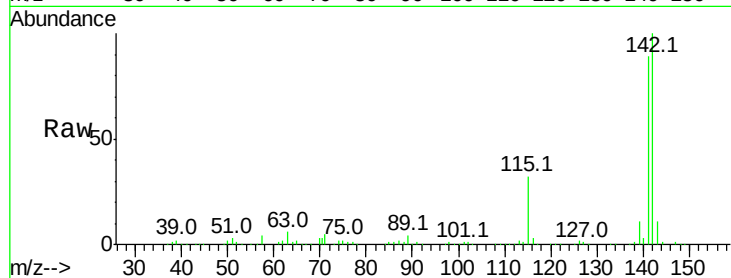
Tot Ion:142 Resp: 684588

Ion Ratio Lower Upper

142 100

141 88.8 70.8 106.2

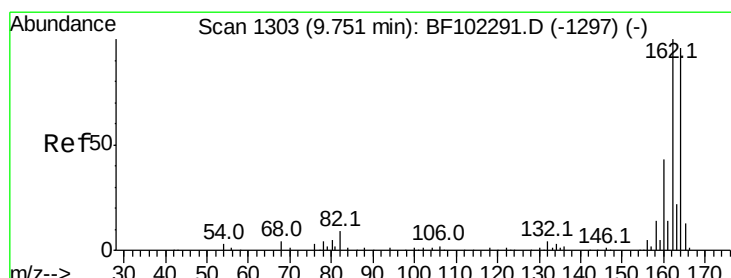
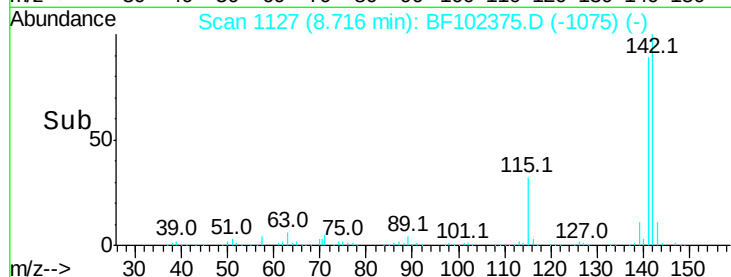
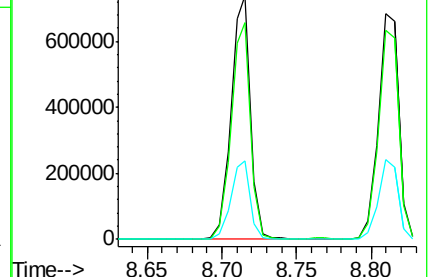
115 32.3 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BF102375.D

Acq: 24 Jan 2018 7:30

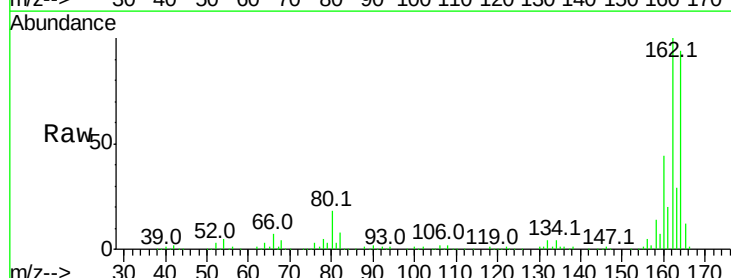
Tgt Ion:164 Resp: 229069

Ion Ratio Lower Upper

164 100

162 105.9 86.1 129.1

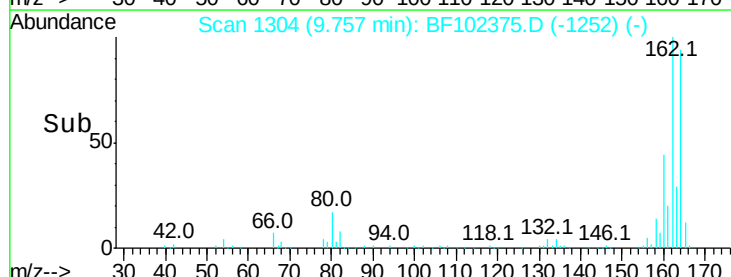
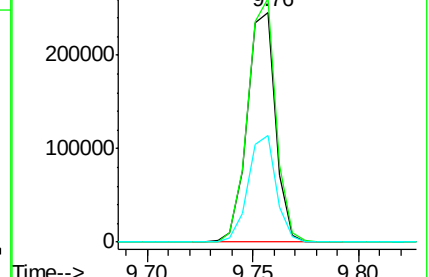
160 46.4 38.3 57.5

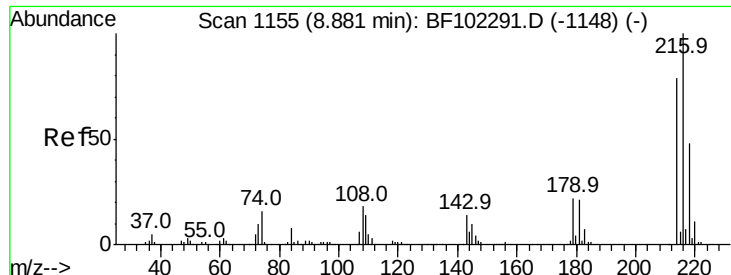


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

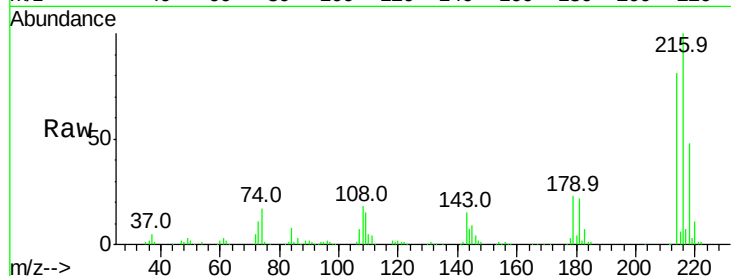




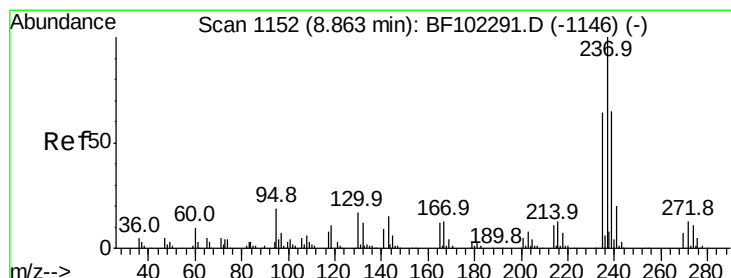
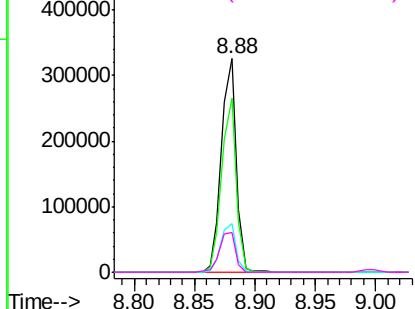
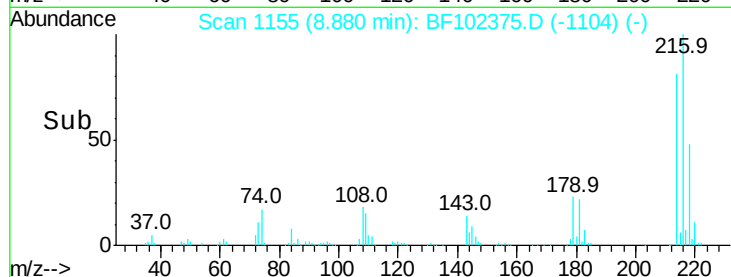
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.102 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BF102375.D
 Acq: 24 Jan 2018 7:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	216	Resp:	276372
Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.0	94.4
179	23.1	18.1	27.1
108	20.2	17.2	25.8

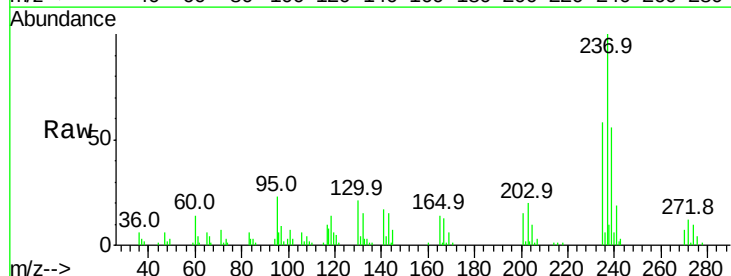


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

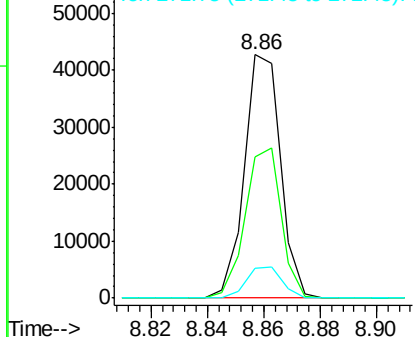
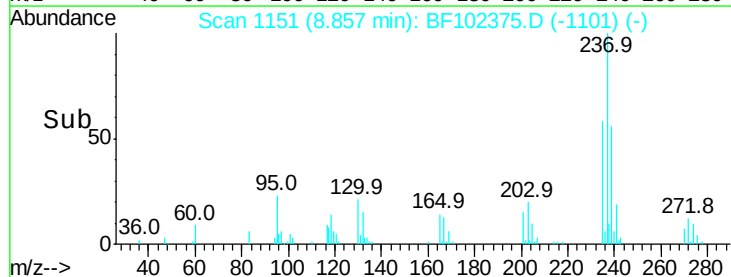


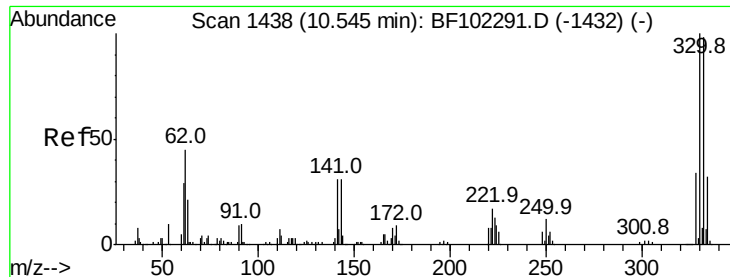
#40
 Hexachlorocyclopentadiene
 Concen: 12.287 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF102375.D
 Acq: 24 Jan 2018 7:30

Tgt Ion:	237	Resp:	37896
Ion	Ratio	Lower	Upper
237	100		
235	57.9	44.8	84.8
272	12.3	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

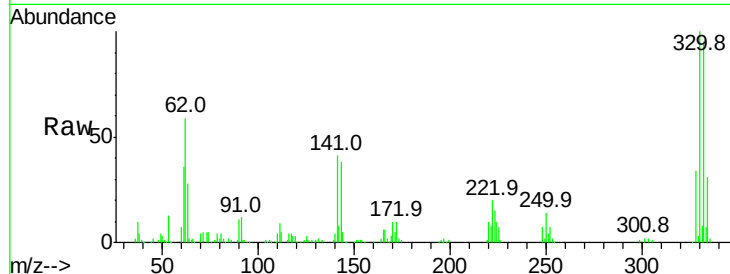




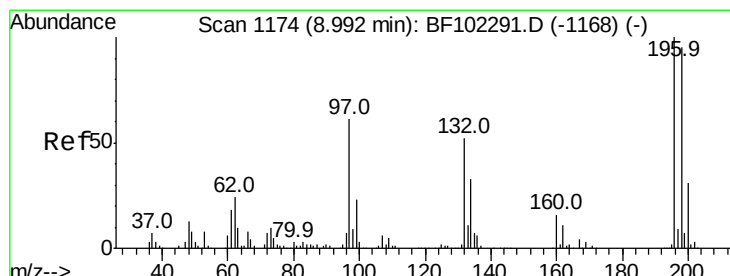
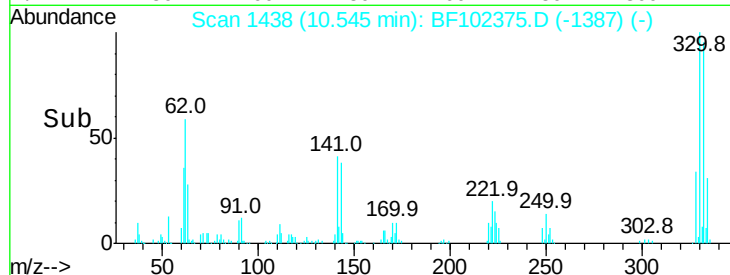
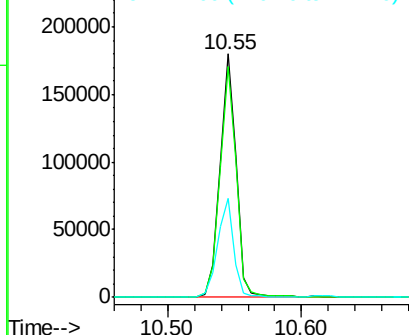
#41
 2,4,6-Tribromophenol
 Concen: 68.569 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102375.D
 Acq: 24 Jan 2018 7:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	330	332	141	Ratio	Lower	Upper
330	100					
332	95.3			77.0	115.6	
141	40.5			29.9	44.9	

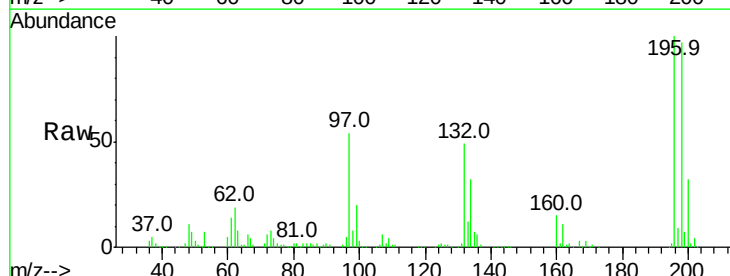


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

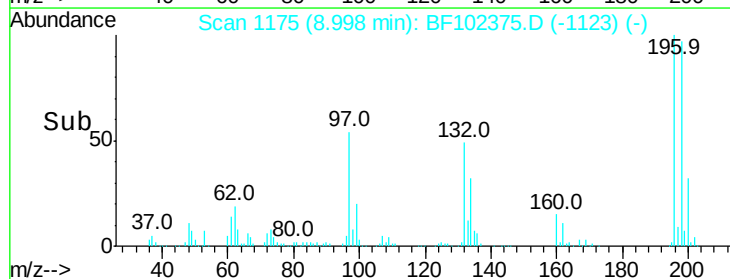
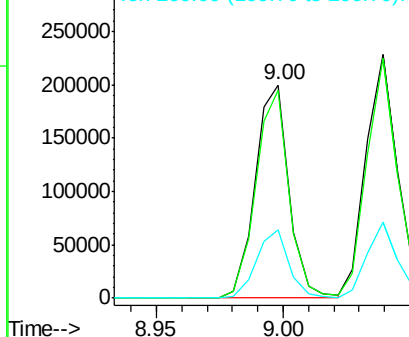


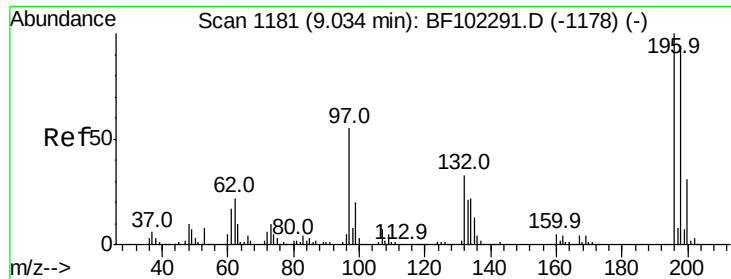
#42
 2,4,6-Trichlorophenol
 Concen: 40.011 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: BF102375.D
 Acq: 24 Jan 2018 7:30

Tgt Ion	196	198	200	Ratio	Lower	Upper
196	100					
198	97.5			75.7	113.5	
200	31.8			24.5	36.7	



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

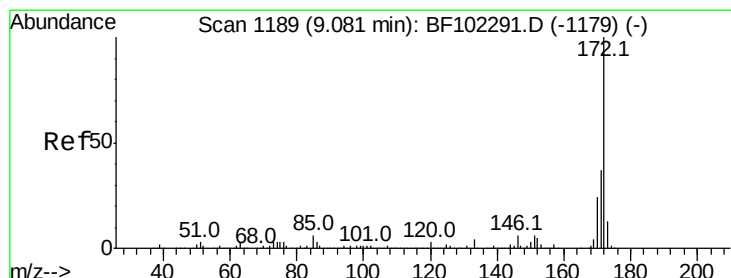
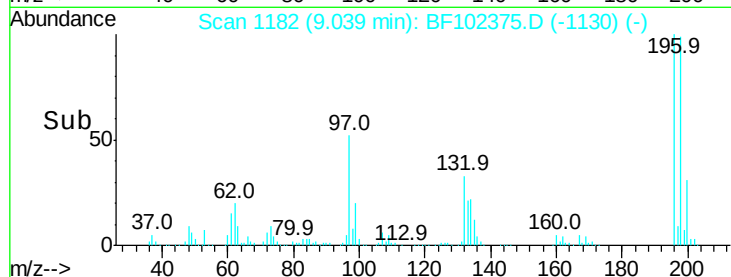
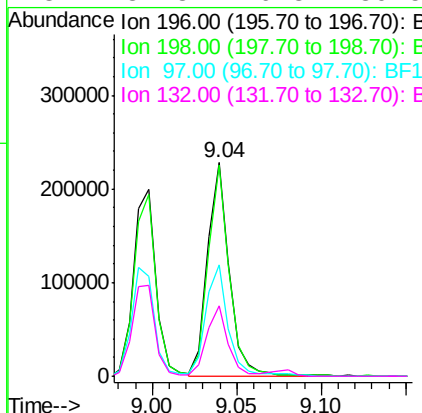
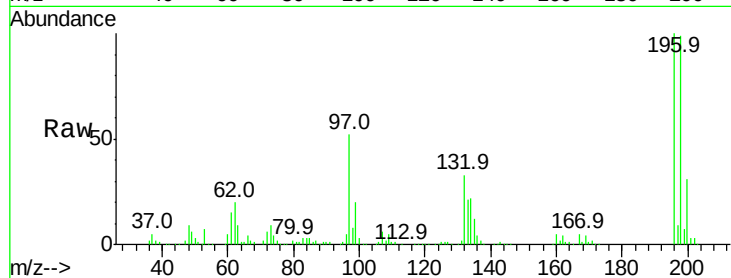




#43
 2,4,5-Trichlorophenol
 Concen: 39.547 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: BF102375.D
 Acq: 24 Jan 2018 7:30

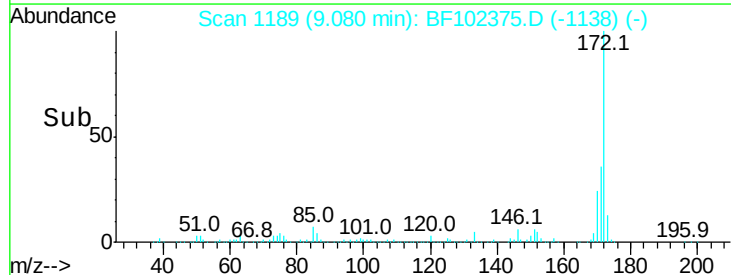
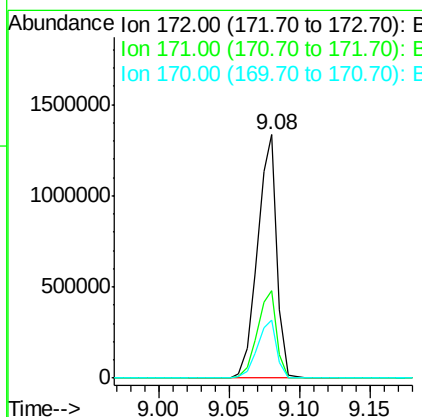
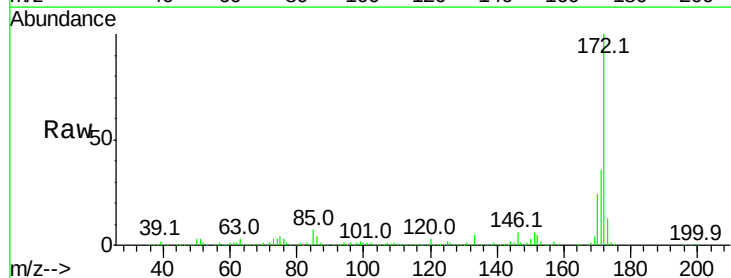
Instrument :
 BNA_F
 ClientSampled :

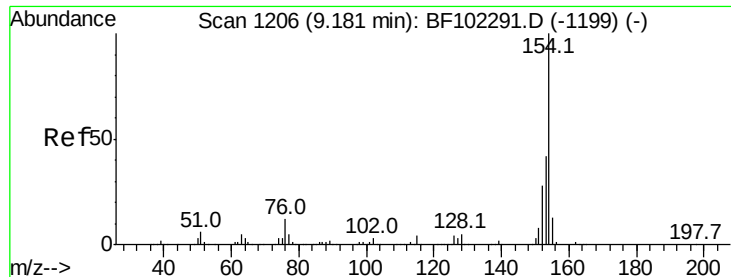
Tot Ion:	196	Resp:	205428
Ion	Ratio	Lower	Upper
196	100		
198	98.7	74.6	112.0
97	51.9	42.9	64.3
132	32.8	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 82.391 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF102375.D
 Acq: 24 Jan 2018 7:30

Tgt Ion:	172	Resp:	1283592
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.1	19.6	29.4

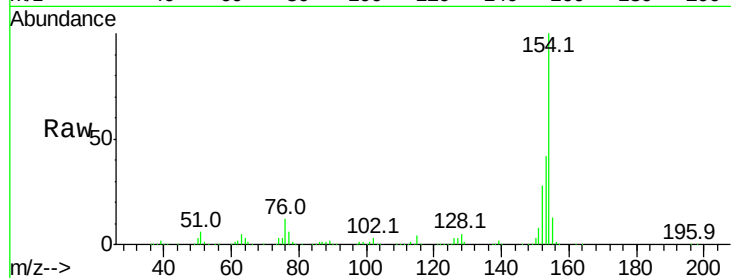




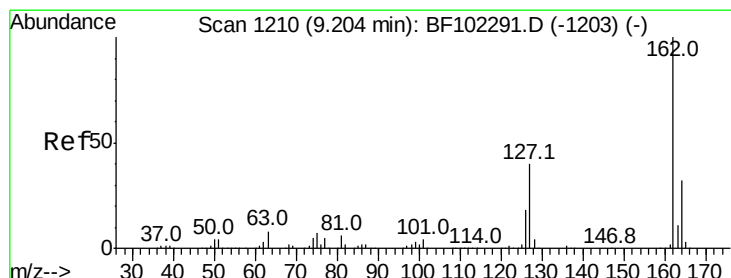
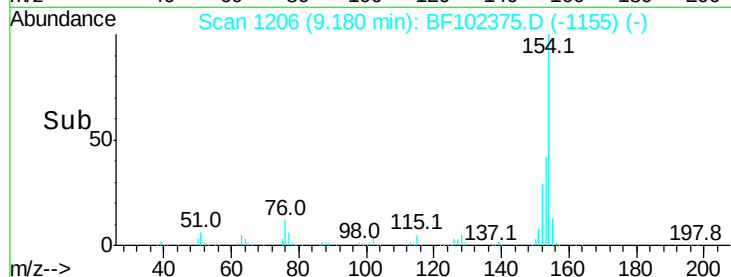
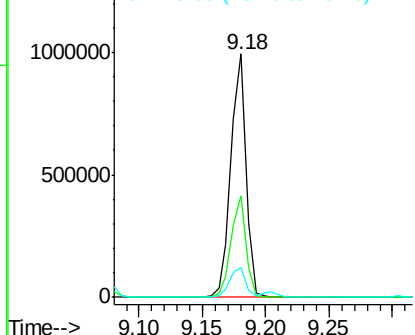
#45
 1,1'-Biphenyl
 Concen: 39.999 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF102375.D
 Acq: 24 Jan 2018 7:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 819280
 Ion Ratio Lower Upper
 154 100
 153 41.7 21.3 61.3
 76 12.1 0.0 34.0

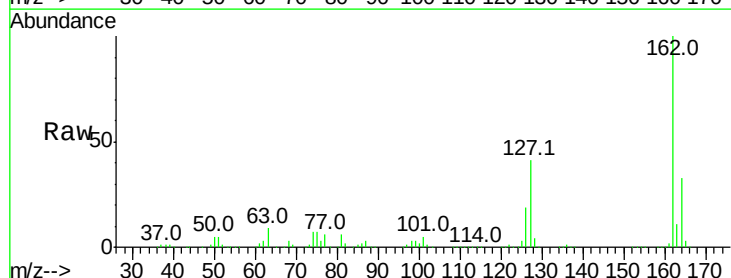


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

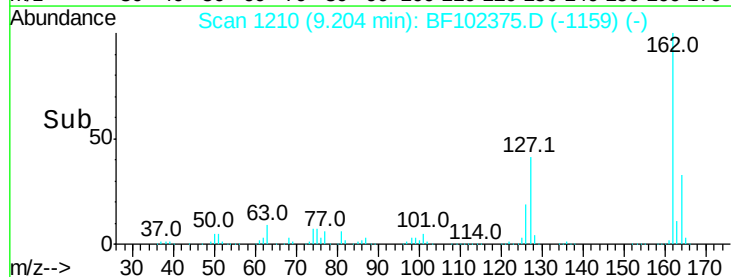
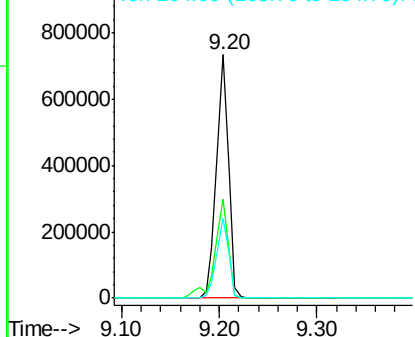


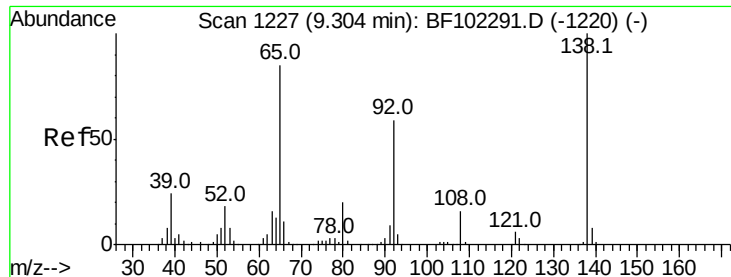
#46
 2-Chloronaphthalene
 Concen: 39.952 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF102375.D
 Acq: 24 Jan 2018 7:30

Tgt Ion:162 Resp: 636064
 Ion Ratio Lower Upper
 162 100
 127 40.7 33.9 50.9
 164 32.7 26.5 39.7



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 42.100 ng

RT: 9.30 min Scan# 1227

Delta R.T. -0.00 min

Lab File: BF102375.D

Acq: 24 Jan 2018 7:30

Instrument :

BNA_F

ClientSampled :

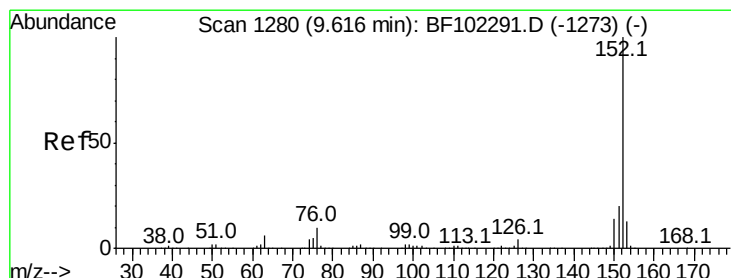
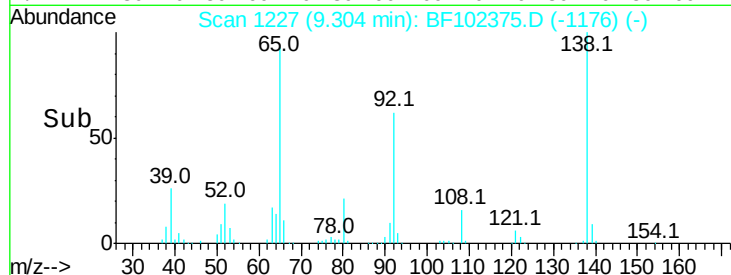
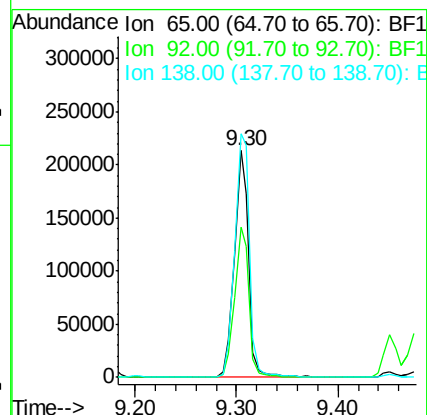
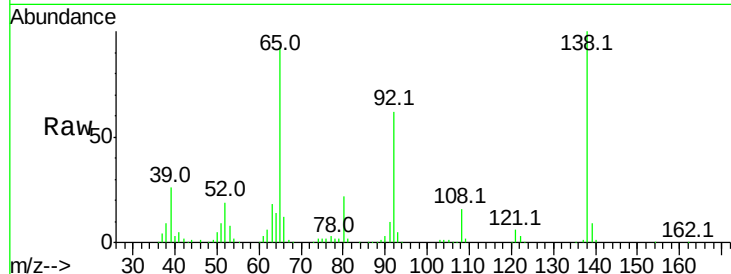
Tot Ion: 65 Resp: 208964

Ion Ratio Lower Upper

65 100

92 66.1 55.8 83.6

138 107.4 91.2 136.8



#48

Acenaphthylene

Concen: 39.196 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.00 min

Lab File: BF102375.D

Acq: 24 Jan 2018 7:30

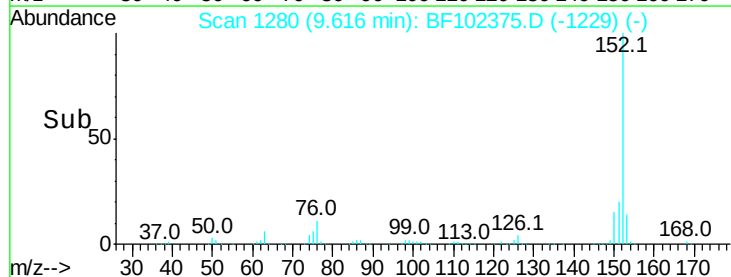
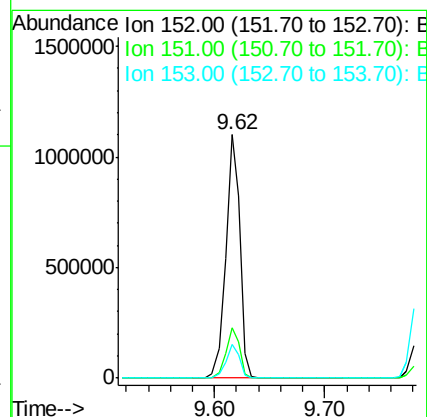
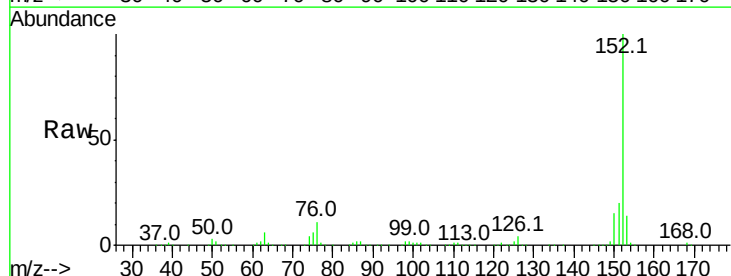
Tgt Ion:152 Resp: 972210

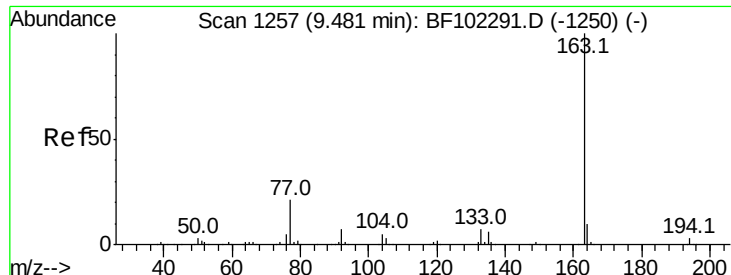
Ion Ratio Lower Upper

152 100

151 20.5 16.3 24.5

153 13.6 10.7 16.1

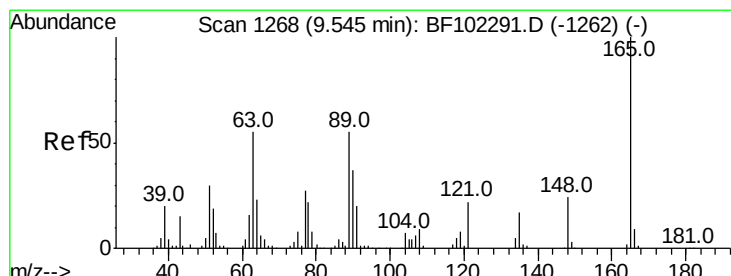
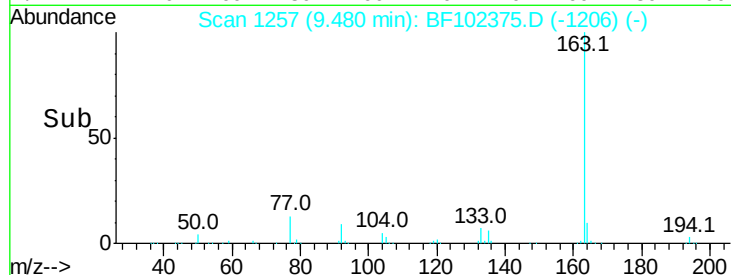
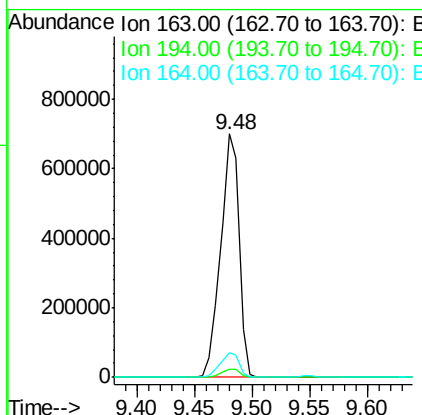
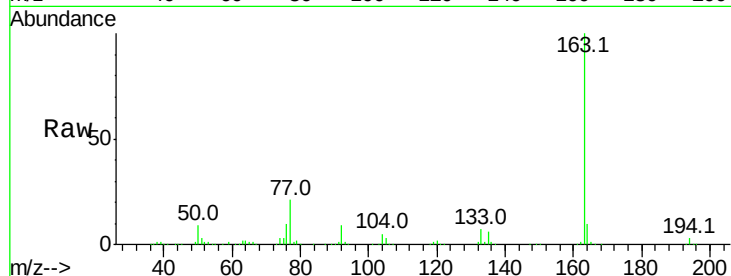




#49
Dimethylphthalate
Concen: 41.183 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BF102375.D
Acq: 24 Jan 2018 7:30

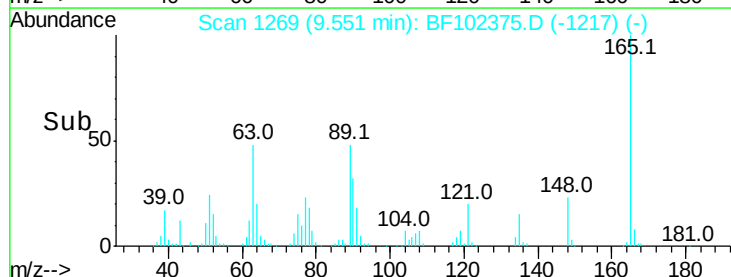
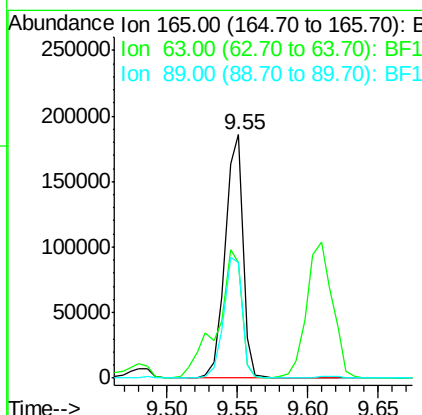
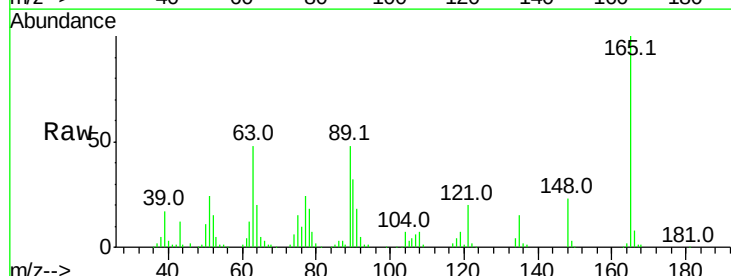
Instrument :
BNA_F
ClientSampleId :

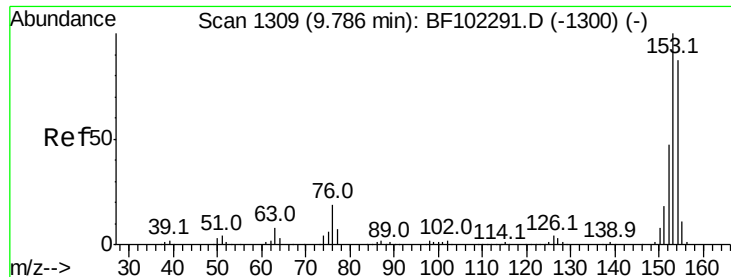
Tot Ion:163 Resp: 779754
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.2 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 39.928 ng
RT: 9.55 min Scan# 1269
Delta R.T. 0.01 min
Lab File: BF102375.D
Acq: 24 Jan 2018 7:30

Tgt Ion:165 Resp: 162994
Ion Ratio Lower Upper
165 100
63 47.7 44.7 67.1
89 47.6 44.0 66.0





#51

Acenaphthene

Concen: 38.887 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BF102375.D

Acq: 24 Jan 2018 7:30

Instrument :

BNA_F

ClientSampleId :

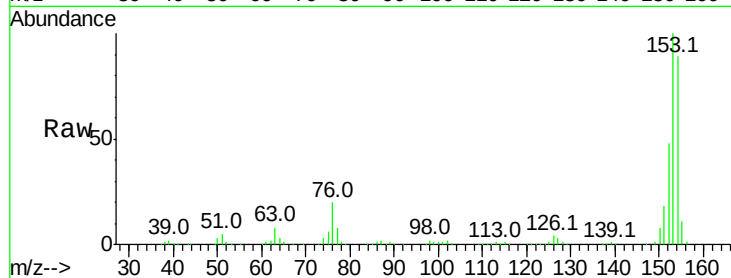
Tot Ion:154 Resp: 563317

Ion Ratio Lower Upper

154 100

153 111.9 91.2 136.8

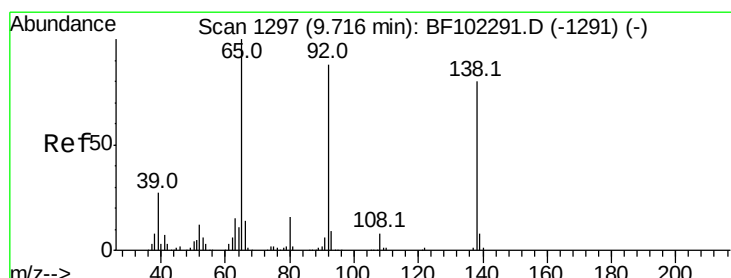
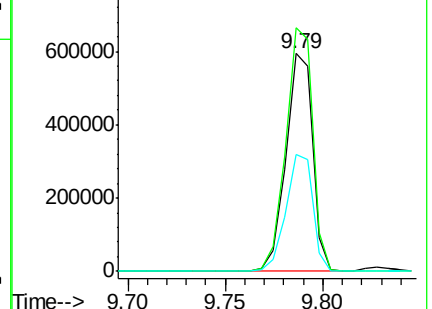
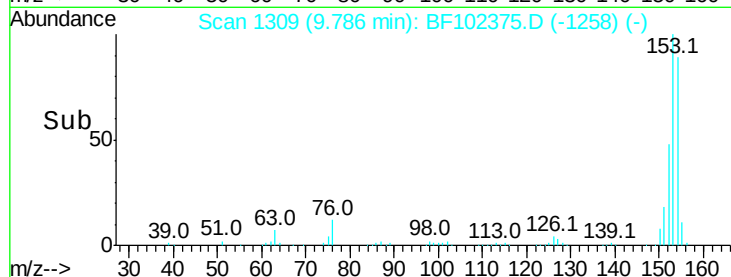
152 53.5 43.8 65.8



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: 40.252 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF102375.D

Acq: 24 Jan 2018 7:30

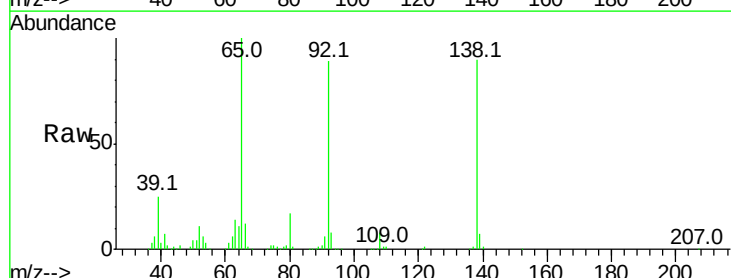
Tgt Ion:138 Resp: 194382

Ion Ratio Lower Upper

138 100

108 9.4 9.4 14.0

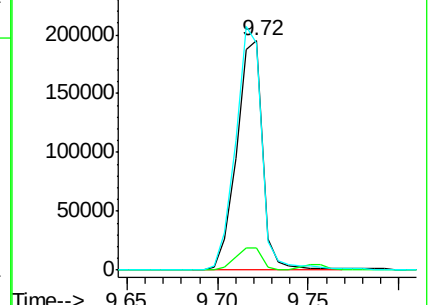
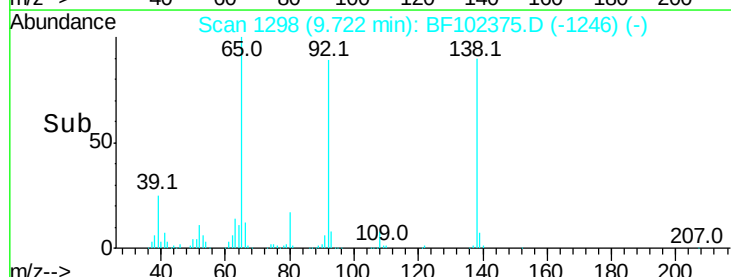
92 99.3 89.4 134.2

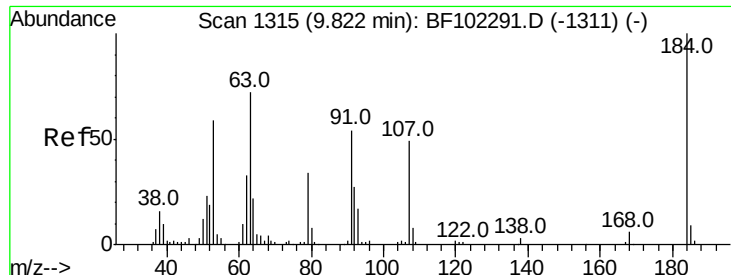


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

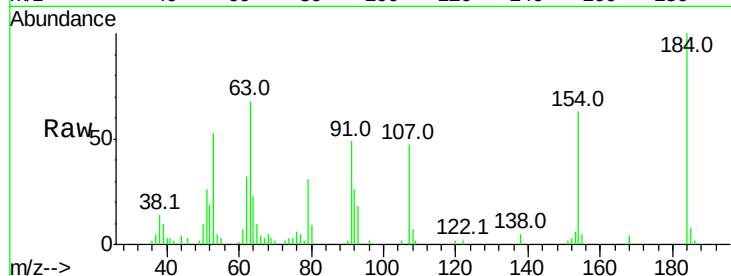




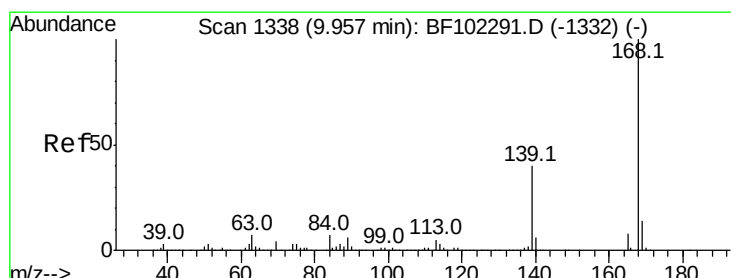
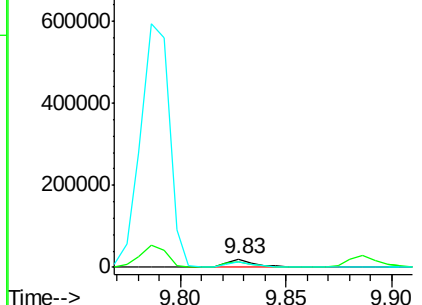
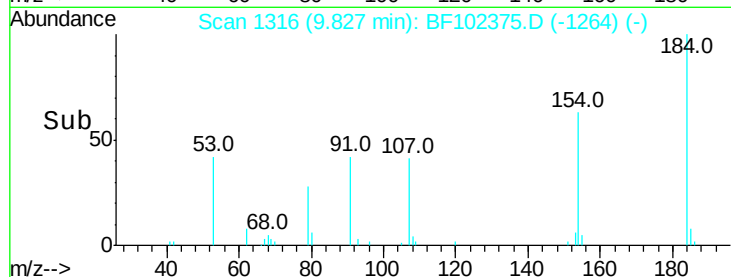
#53
 2,4-Dinitrophenol
 Concen: 14.520 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: BF102375.D
 Acq: 24 Jan 2018 7:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 20786
 Ion Ratio Lower Upper
 184 100
 63 68.4 54.2 81.2
 154 63.1 184.0 276.0#

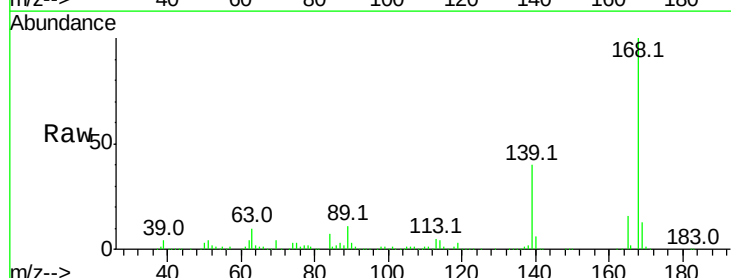


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

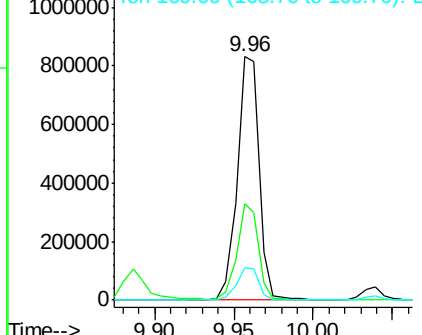
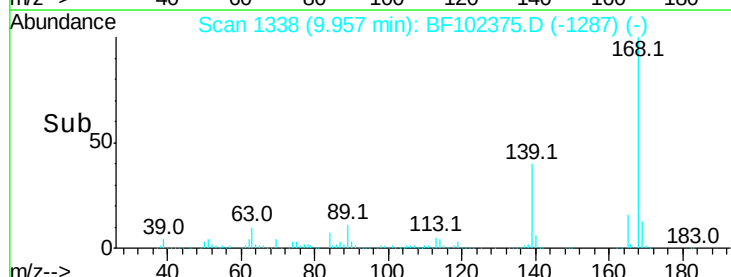


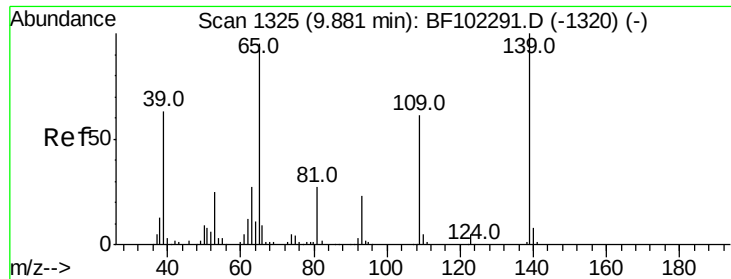
#54
 Dibenzofuran
 Concen: 40.467 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.00 min
 Lab File: BF102375.D
 Acq: 24 Jan 2018 7:30

Tgt Ion:168 Resp: 793360
 Ion Ratio Lower Upper
 168 100
 139 39.6 30.1 45.1
 169 13.5 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

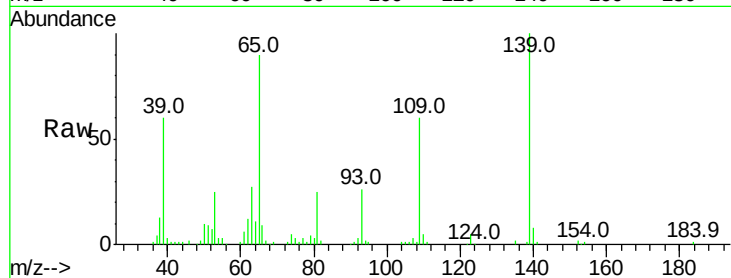




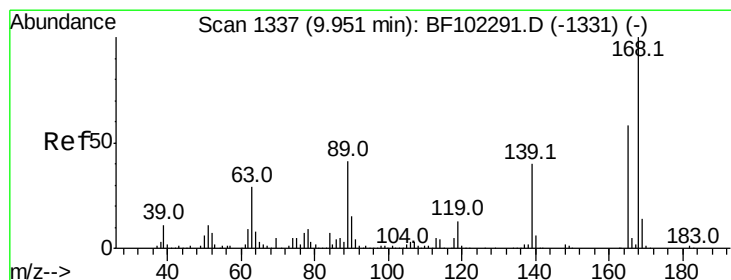
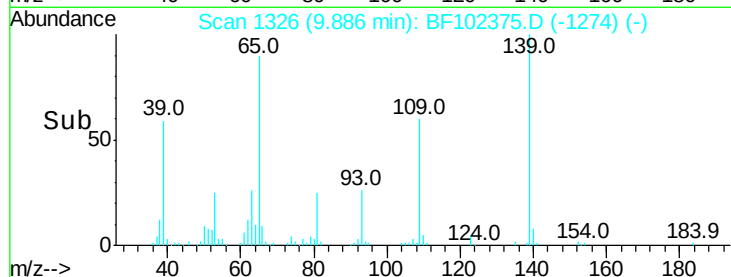
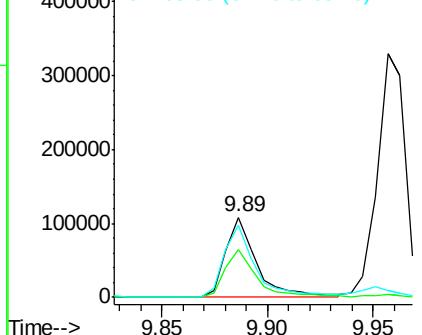
#55
4-Nitrophenol
Concen: 34.572 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF102375.D
Acq: 24 Jan 2018 7:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 110207
Ion Ratio Lower Upper
139 100
109 60.4 48.4 88.4
65 89.7 72.6 112.6

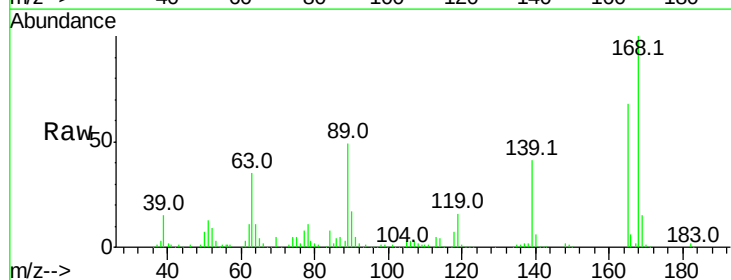


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

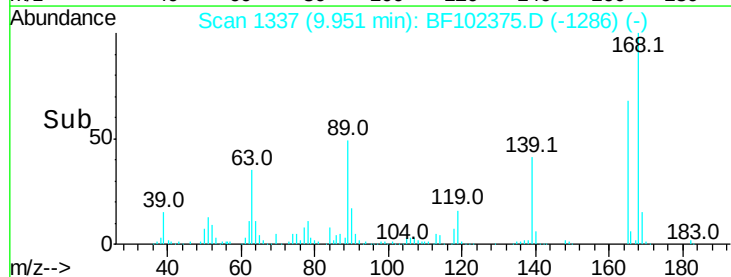
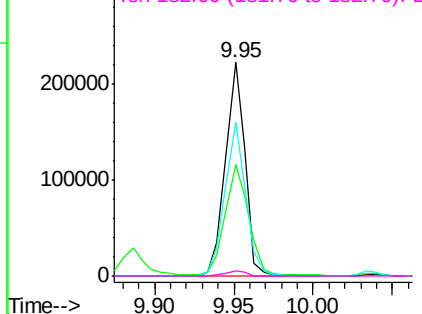


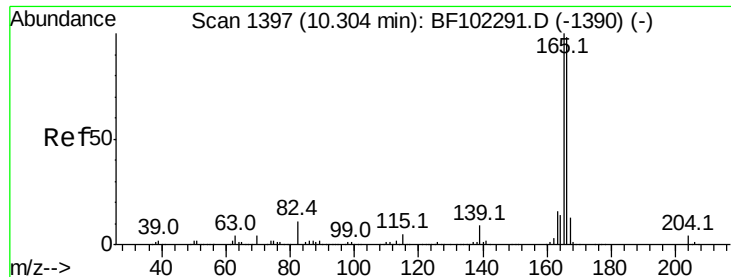
#56
2,4-Dinitrotoluene
Concen: 37.858 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BF102375.D
Acq: 24 Jan 2018 7:30

Tgt Ion:165 Resp: 190048
Ion Ratio Lower Upper
165 100
63 52.4 36.4 54.6
89 72.2 57.8 86.6
182 2.6 1.6 2.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

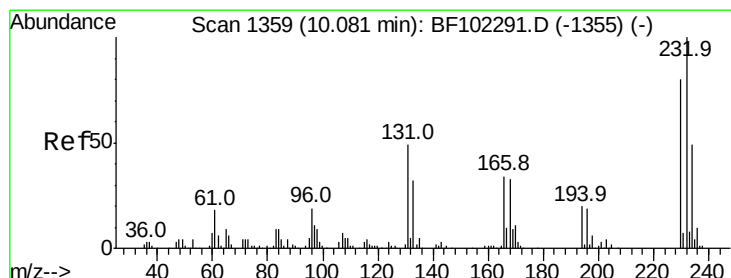
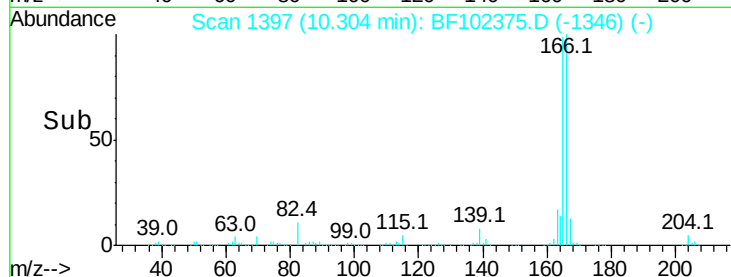
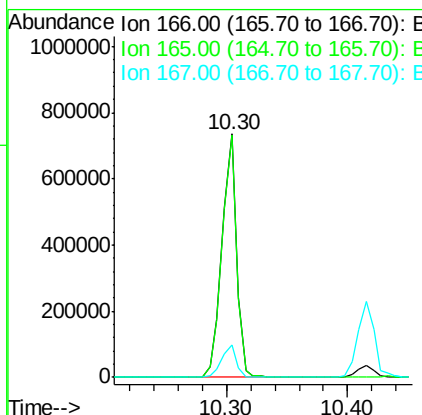
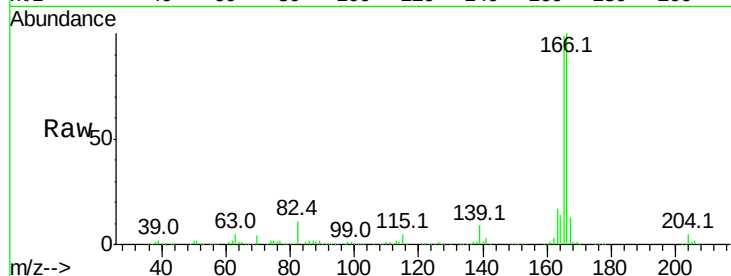




#57
 Fluorene
 Concen: 39.560 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BF102375.D
 Acq: 24 Jan 2018 7:30

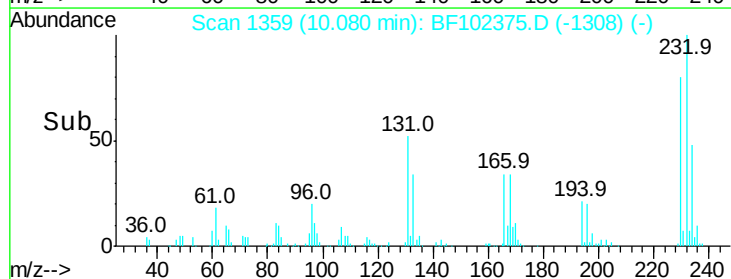
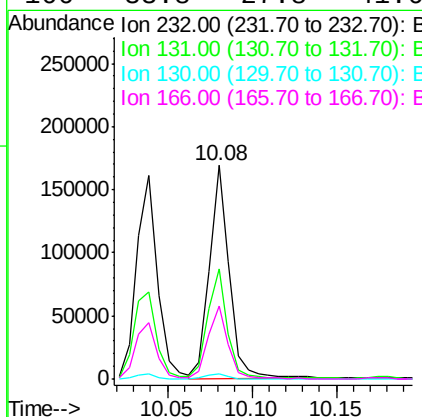
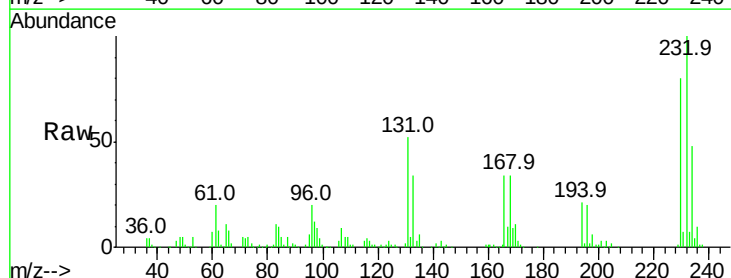
Instrument :
 BNA_F
 ClientSampleId :

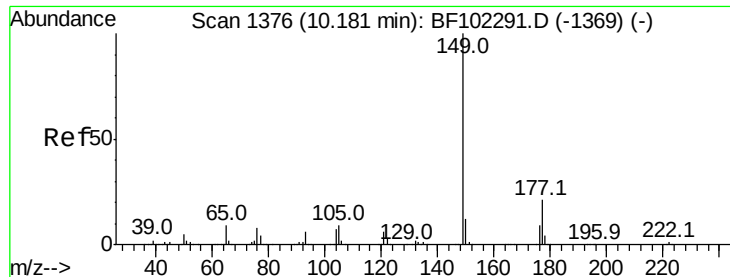
Tot Ion:166 Resp: 614571
 Ion Ratio Lower Upper
 166 100
 165 99.4 79.8 119.8
 167 13.2 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.651 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: BF102375.D
 Acq: 24 Jan 2018 7:30

Tgt Ion:232 Resp: 139642
 Ion Ratio Lower Upper
 232 100
 131 51.7 43.8 65.8
 130 2.4 2.1 3.1
 166 33.8 27.8 41.6

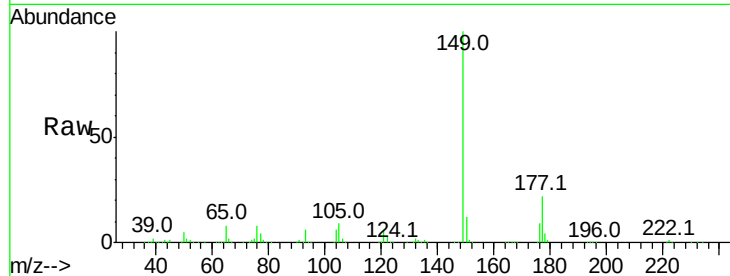




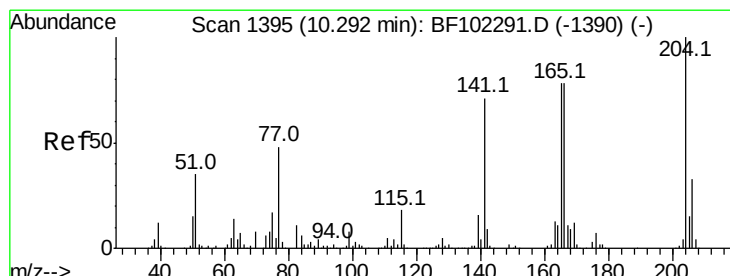
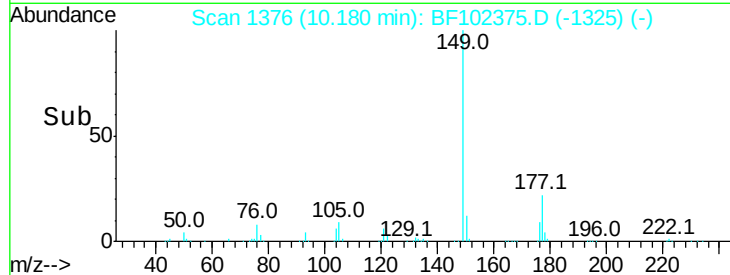
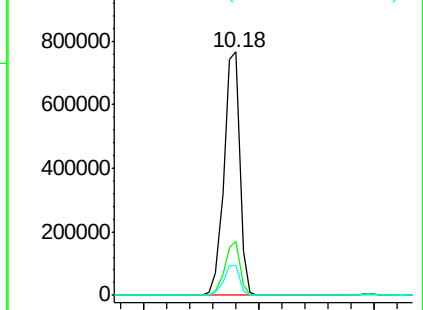
#59
Diethylphthalate
Concen: 39.576 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BF102375.D
Acq: 24 Jan 2018 7:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 728167
Ion Ratio Lower Upper
149 100
177 22.1 16.1 24.1
150 12.0 10.1 15.1

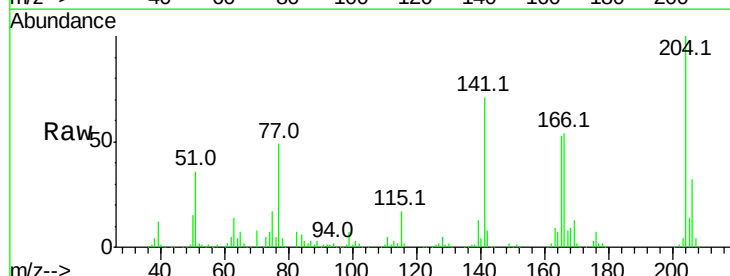


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

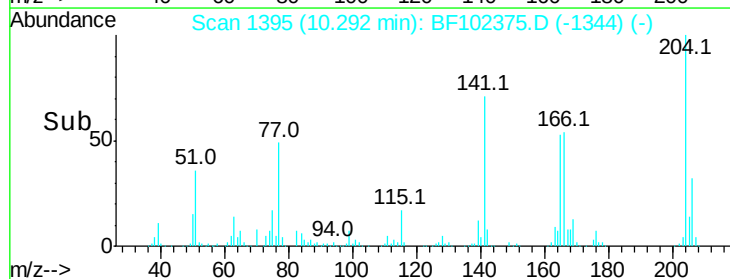
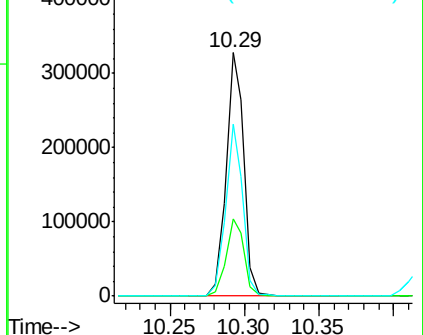


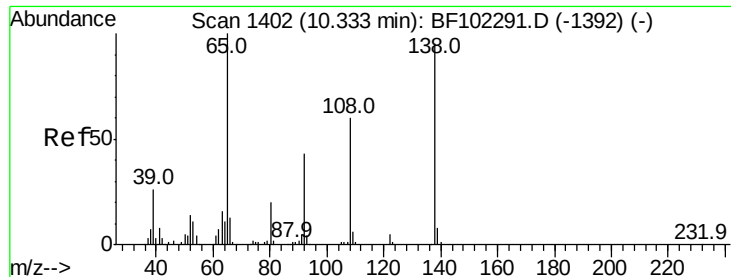
#60
4-Chlorophenyl-phenylether
Concen: 41.056 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BF102375.D
Acq: 24 Jan 2018 7:30

Tgt Ion:204 Resp: 276523
Ion Ratio Lower Upper
204 100
206 31.8 26.5 39.7
141 70.8 54.6 81.8



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





#61

4-Nitroaniline

Concen: 39.144 ng

RT: 10.33 min Scan# 1402

Delta R.T. -0.00 min

Lab File: BF102375.D

Acq: 24 Jan 2018 7:30

Instrument :

BNA_F

ClientSampleId :

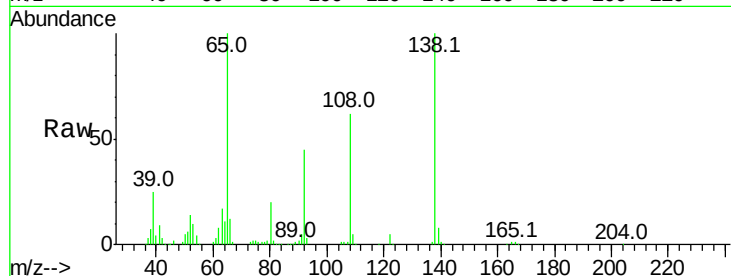
Tot Ion:138 Resp: 188626

Ion Ratio Lower Upper

138 100

92 44.7 30.2 70.2

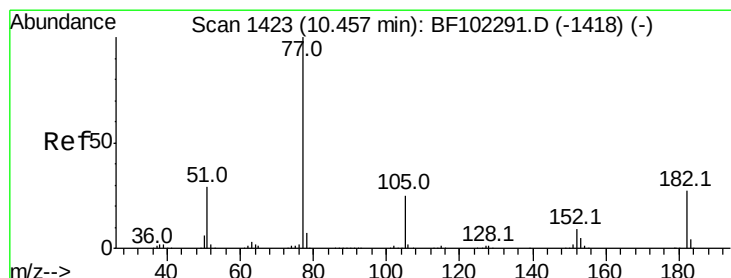
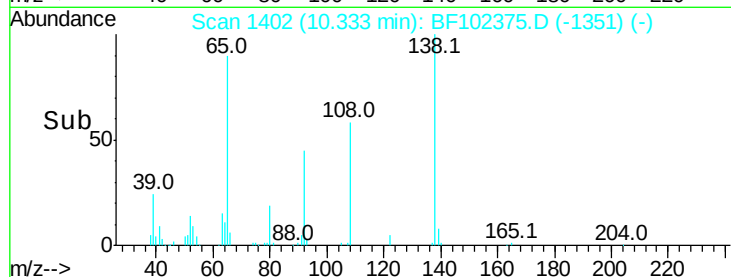
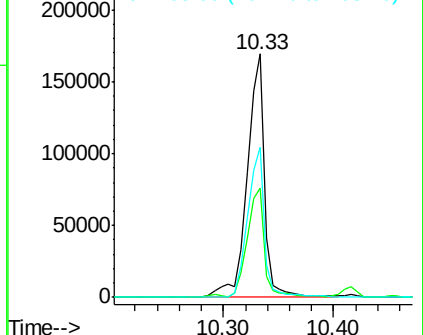
108 61.7 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.239 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.00 min

Lab File: BF102375.D

Acq: 24 Jan 2018 7:30

Tgt Ion: 77 Resp: 644160

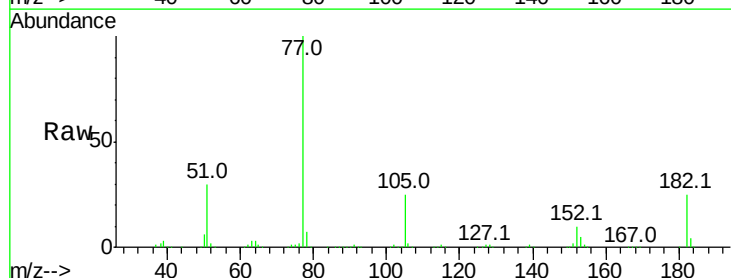
Ion Ratio Lower Upper

77 100

182 25.3 1.7 41.7

105 25.0 3.0 43.0

51 30.3 9.9 49.9

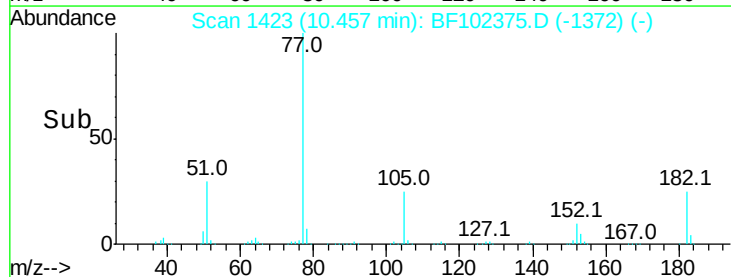
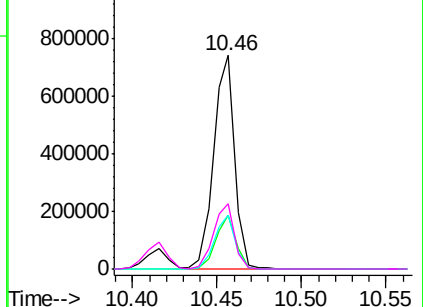


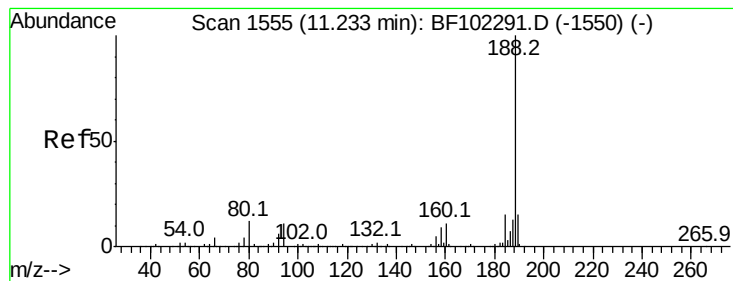
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1556

Delta R.T. 0.01 min

Lab File: BF102375.D

Acq: 24 Jan 2018 7:30

Instrument :

BNA_F

ClientSampled :

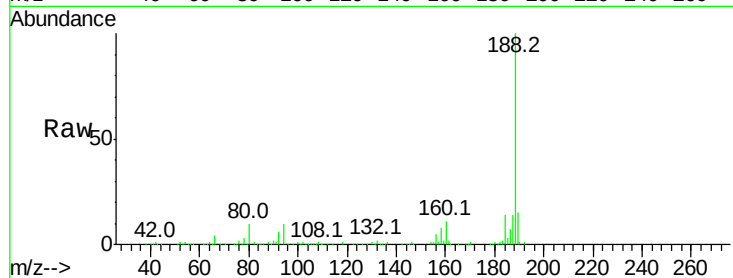
Tot Ion:188 Resp: 350459

Ion Ratio Lower Upper

188 100

94 9.6 8.5 12.7

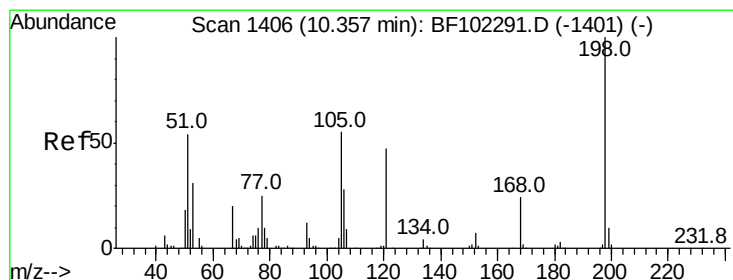
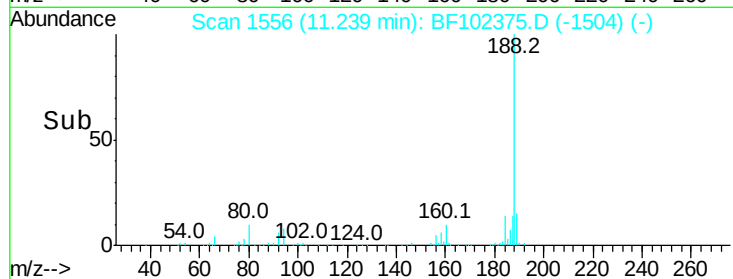
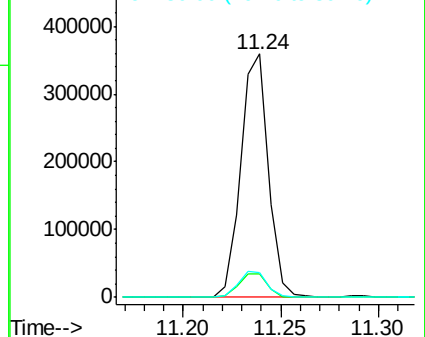
80 10.0 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 20.137 ng

RT: 10.36 min Scan# 1406

Delta R.T. -0.00 min

Lab File: BF102375.D

Acq: 24 Jan 2018 7:30

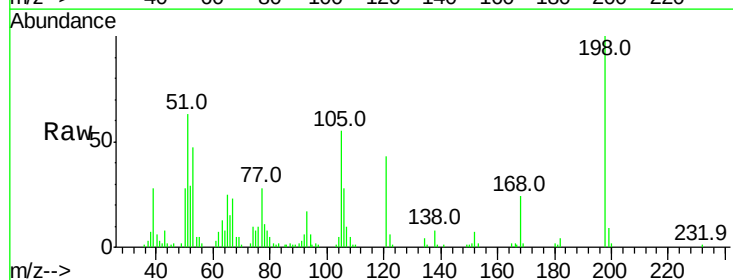
Tgt Ion:198 Resp: 47083

Ion Ratio Lower Upper

198 100

51 62.8 37.7 77.7

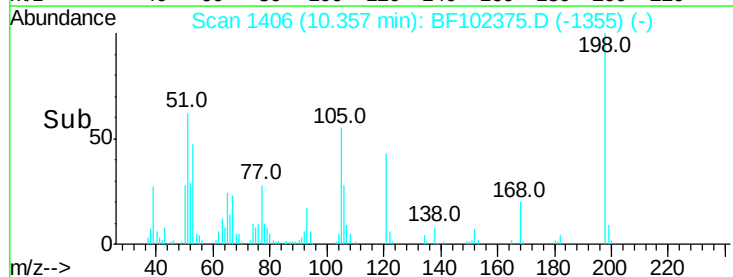
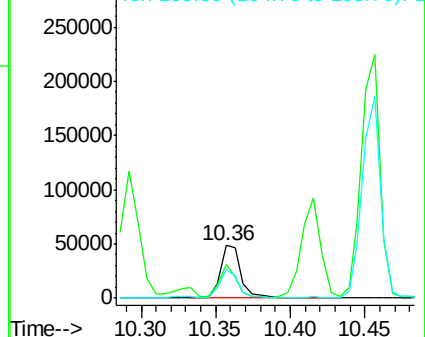
105 55.2 36.3 76.3

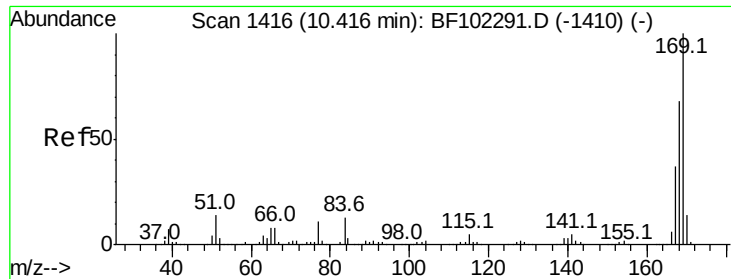


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

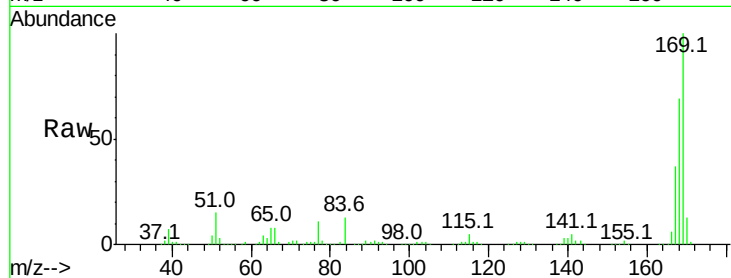




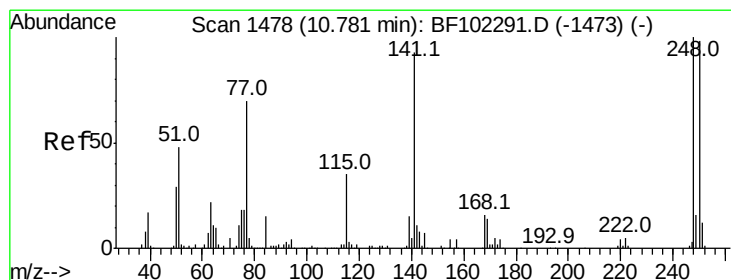
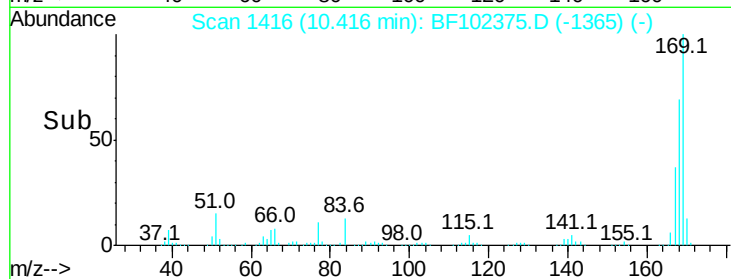
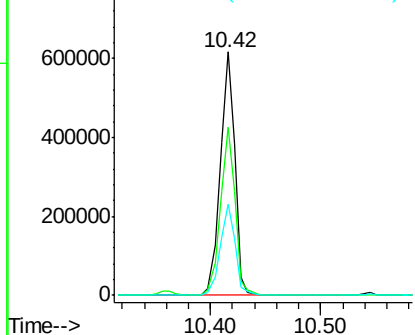
#65
 n-Nitrosodiphenylamine
 Concen: 44.195 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: BF102375.D
 Acq: 24 Jan 2018 7:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 568491
 Ion Ratio Lower Upper
 169 100
 168 68.8 54.4 81.6
 167 37.4 29.8 44.6

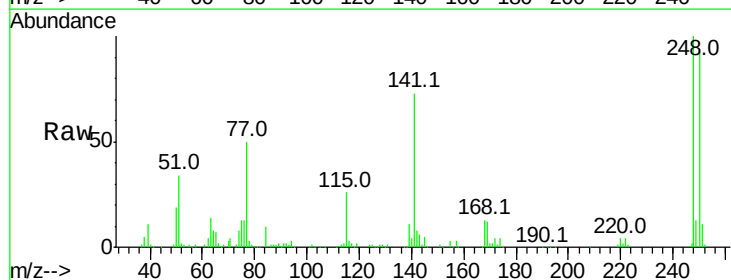


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

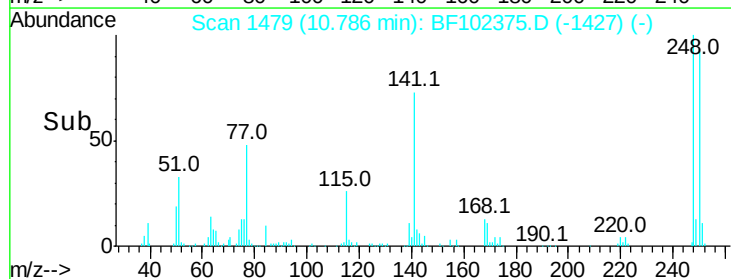
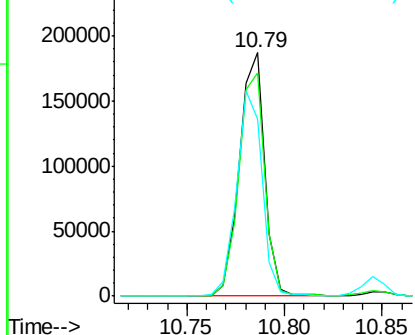


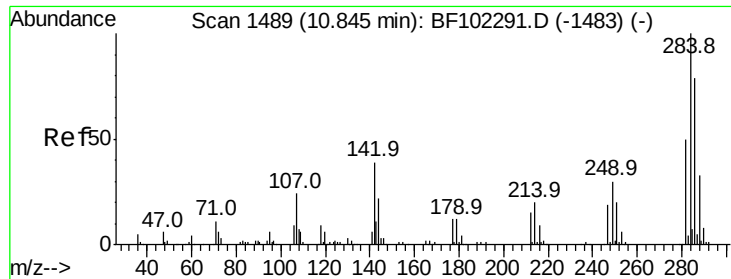
#66
 4-Bromophenyl-phenylether
 Concen: 44.617 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. 0.01 min
 Lab File: BF102375.D
 Acq: 24 Jan 2018 7:30

Tgt Ion:248 Resp: 168326
 Ion Ratio Lower Upper
 248 100
 250 91.9 76.9 115.3
 141 72.5 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

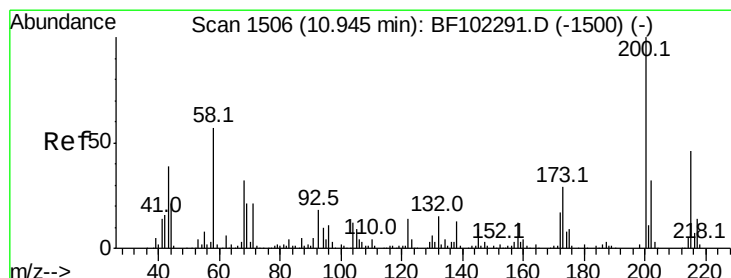
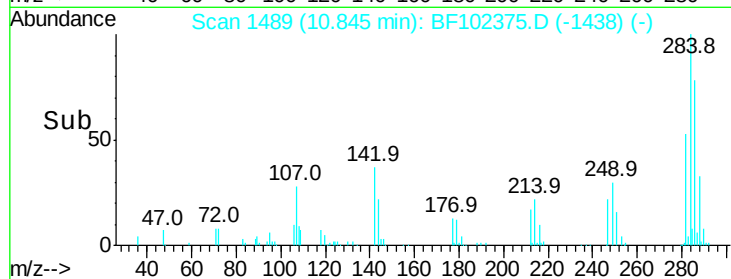
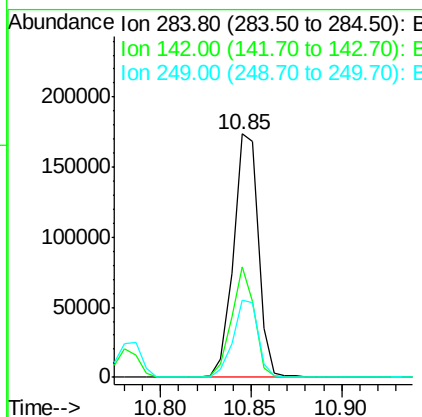
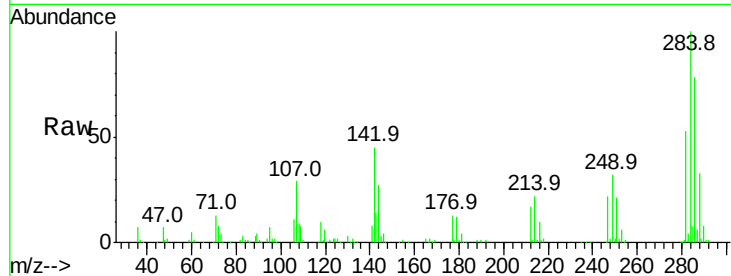




#67
Hexachlorobenzene
Concen: 39.315 ng
RT: 10.85 min Scan# 1489
Delta R.T. -0.00 min
Lab File: BF102375.D
Acq: 24 Jan 2018 7:30

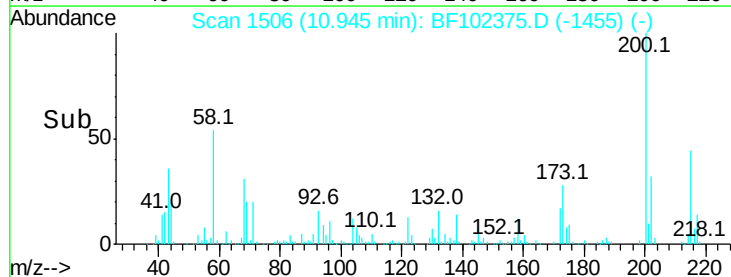
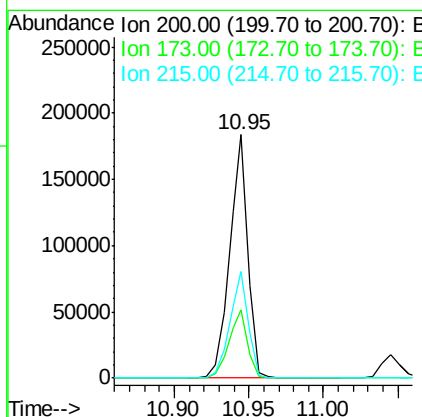
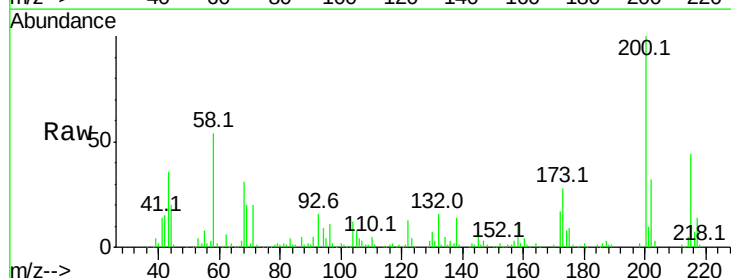
Instrument :
BNA_F
ClientSampled :

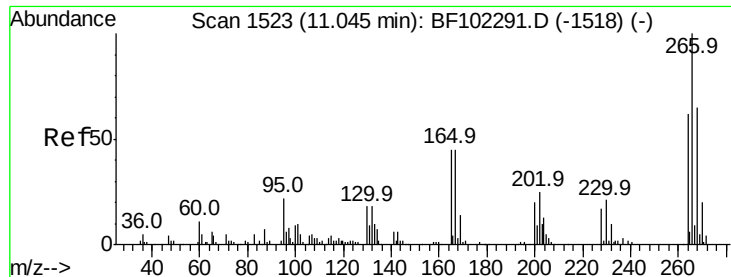
Tot Ion:284 Resp: 165883
Ion Ratio Lower Upper
284 100
142 45.5 34.6 52.0
249 31.8 24.8 37.2



#68
Atrazine
Concen: 41.755 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BF102375.D
Acq: 24 Jan 2018 7:30

Tgt Ion:200 Resp: 158630
Ion Ratio Lower Upper
200 100
173 27.9 8.6 48.6
215 43.7 25.1 65.1

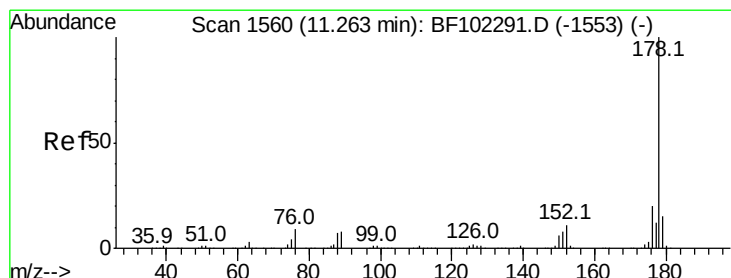
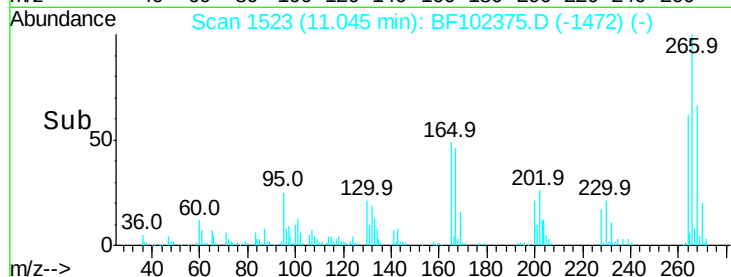
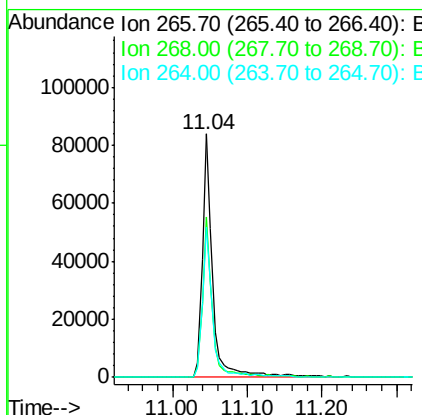
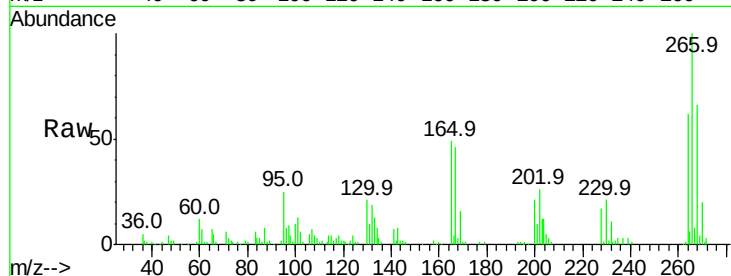




#69
 Pentachlorophenol
 Concen: 37.506 ng
 RT: 11.04 min Scan# 1523
 Delta R.T. -0.00 min
 Lab File: BF102375.D
 Acq: 24 Jan 2018 7:30

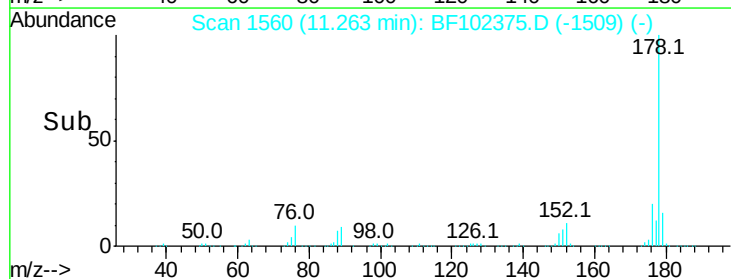
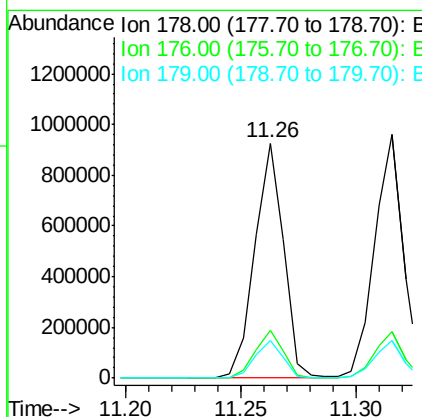
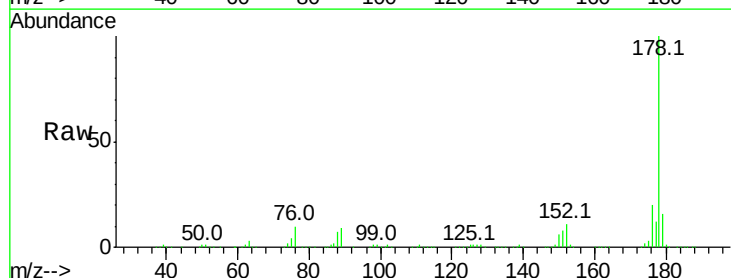
Instrument :
 BNA_F
 ClientSampleId :

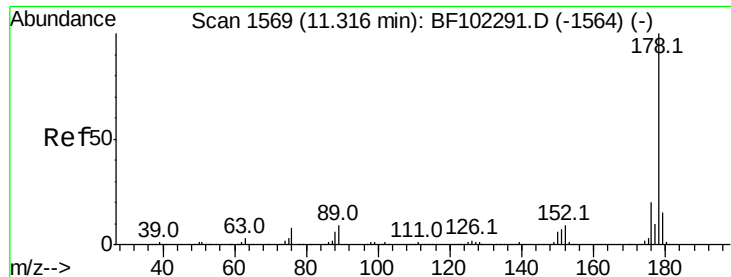
Tot Ion:266 Resp: 83131
 Ion Ratio Lower Upper
 266 100
 268 66.0 51.1 76.7
 264 61.9 49.5 74.3



#70
 Phenanthrene
 Concen: 39.590 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: BF102375.D
 Acq: 24 Jan 2018 7:30

Tgt Ion:178 Resp: 808514
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.8 23.8
 179 15.7 13.0 19.6

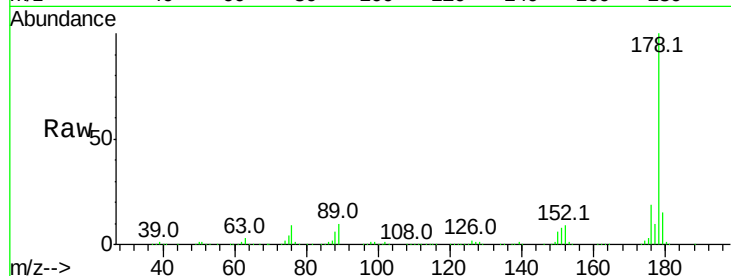




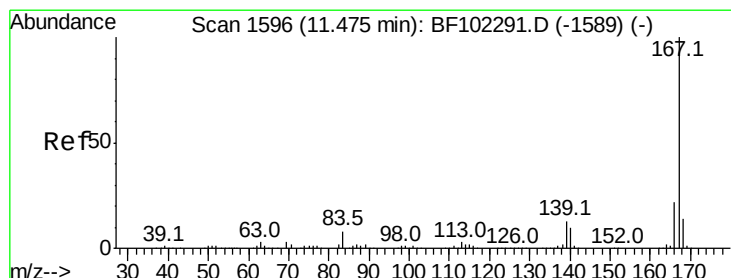
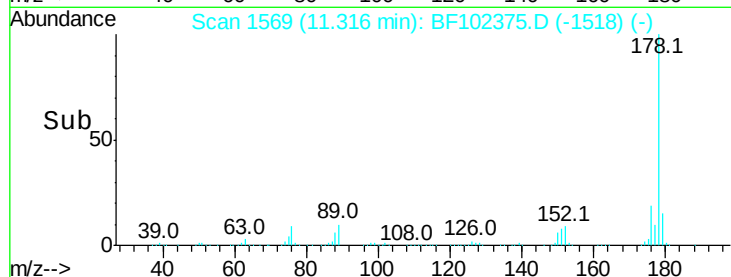
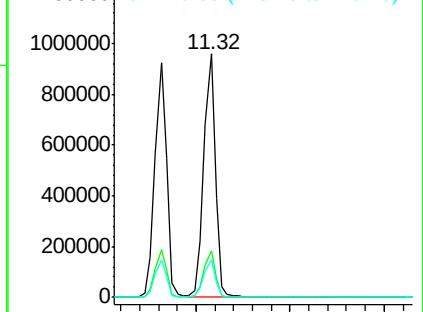
#71
 Anthracene
 Concen: 40.137 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: BF102375.D
 Acq: 24 Jan 2018 7:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 836629
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.3 12.6 19.0

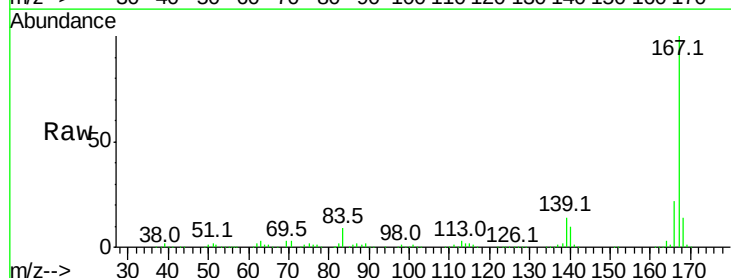


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

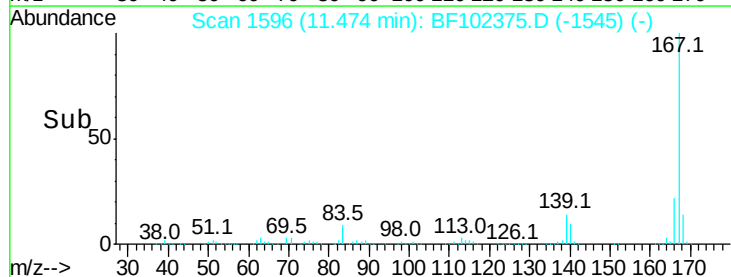
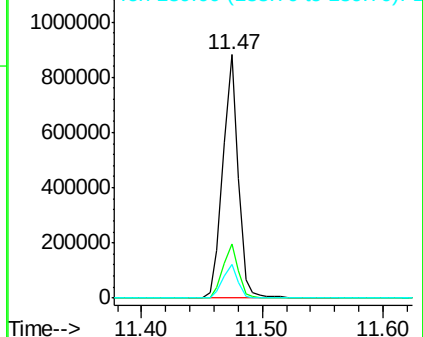


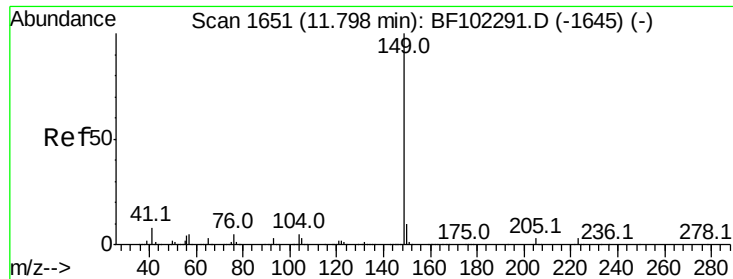
#72
 Carbazole
 Concen: 38.230 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BF102375.D
 Acq: 24 Jan 2018 7:30

Tgt Ion:167 Resp: 777421
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 13.9 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: 42.635 ng

RT: 11.80 min Scan# 1652

Delta R.T. 0.01 min

Lab File: BF102375.D

Acq: 24 Jan 2018 7:30

Instrument :

BNA_F

ClientSampleId :

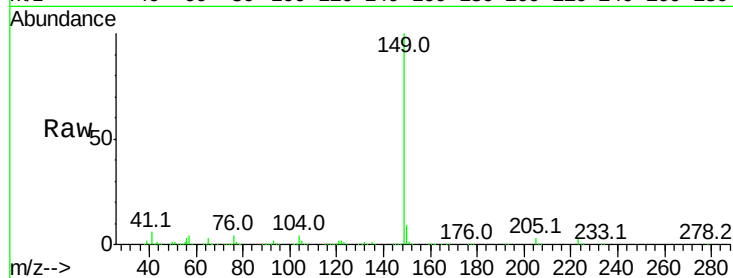
Tot Ion:149 Resp: 1083738

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

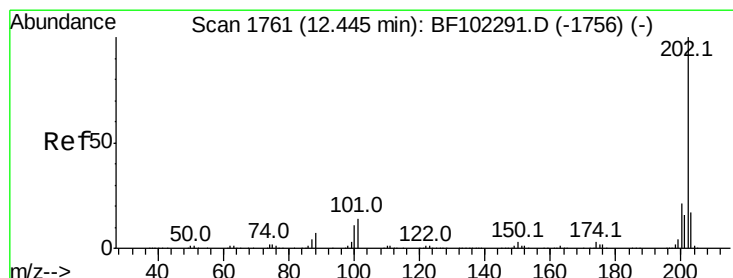
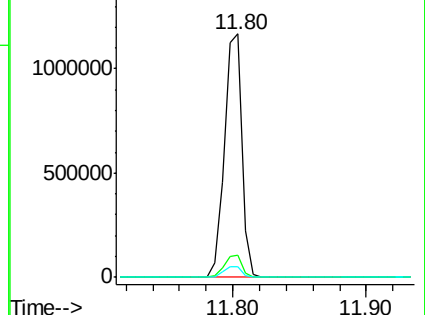
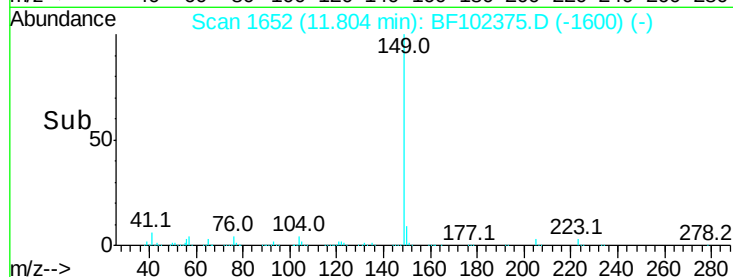
104 4.2 3.8 5.8



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: 34.870 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.01 min

Lab File: BF102375.D

Acq: 24 Jan 2018 7:30

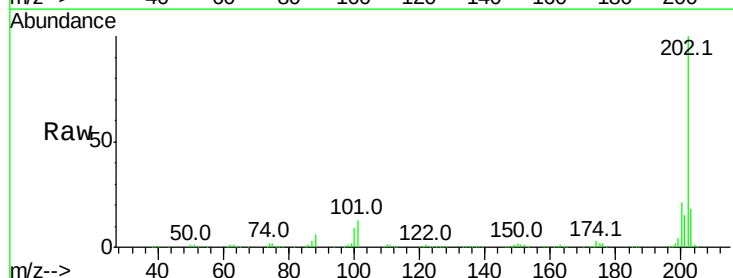
Tgt Ion:202 Resp: 726179

Ion Ratio Lower Upper

202 100

101 12.6 0.0 34.1

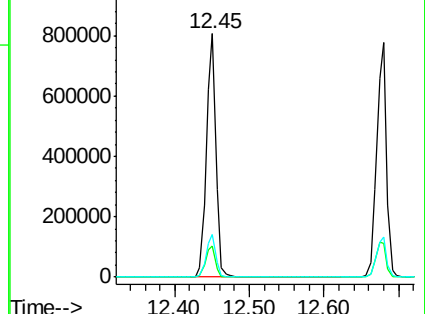
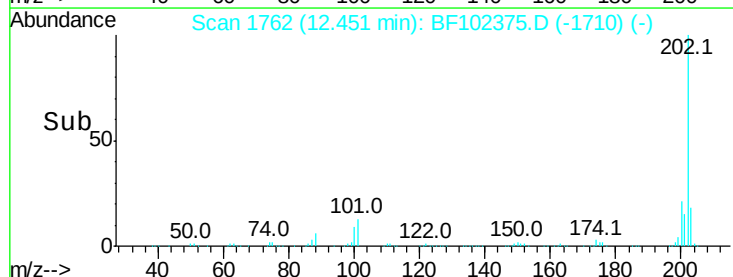
203 17.7 0.0 38.1

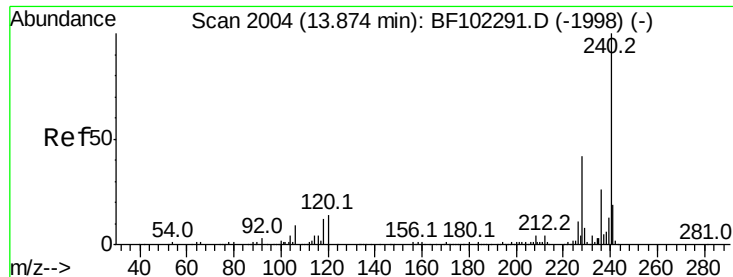


Abundance Ion 202.00 (201.70 to 202.70): E

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. 0.01 min

Lab File: BF102375.D

Acq: 24 Jan 2018 7:30

Instrument :

BNA_F

ClientSampleId :

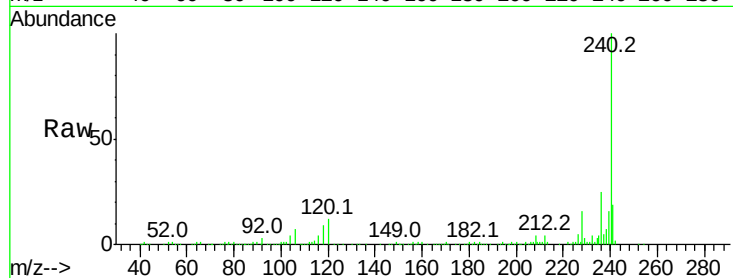
Tot Ion:240 Resp: 230335

Ion Ratio Lower Upper

240 100

120 11.6 9.5 14.3

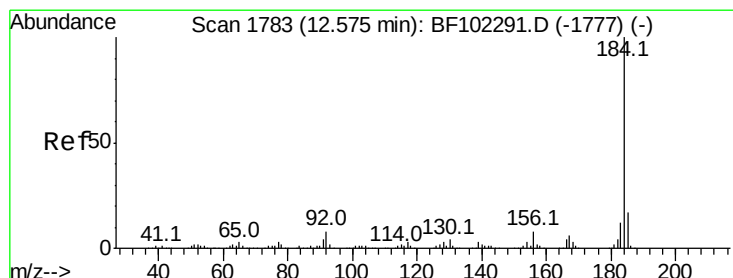
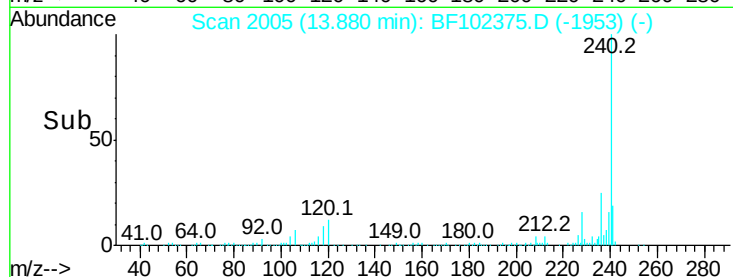
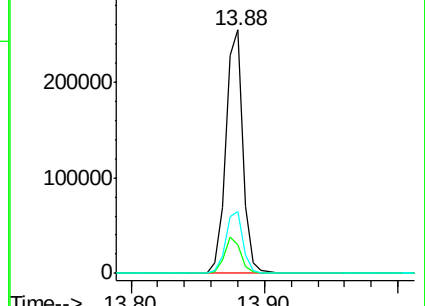
236 25.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 41.628 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF102375.D

Acq: 24 Jan 2018 7:30

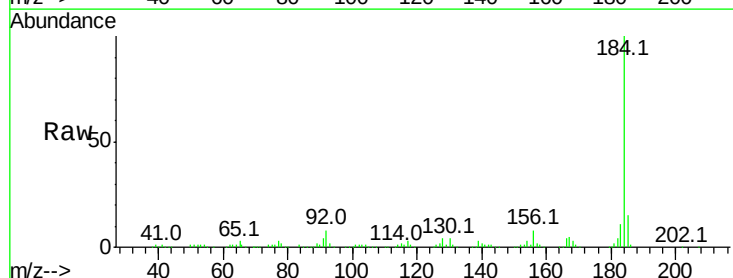
Tgt Ion:184 Resp: 322106

Ion Ratio Lower Upper

184 100

185 14.9 12.6 18.8

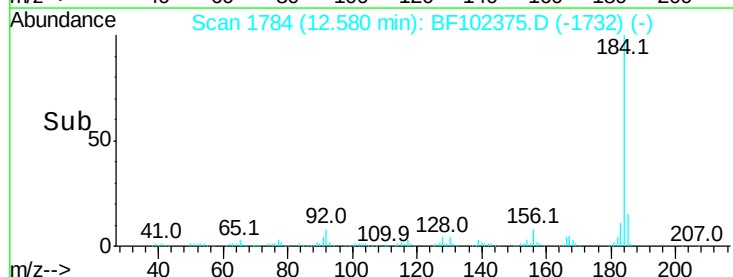
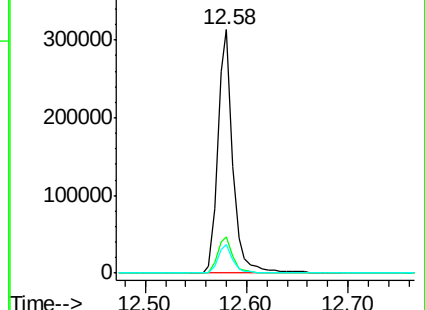
183 11.5 9.3 13.9

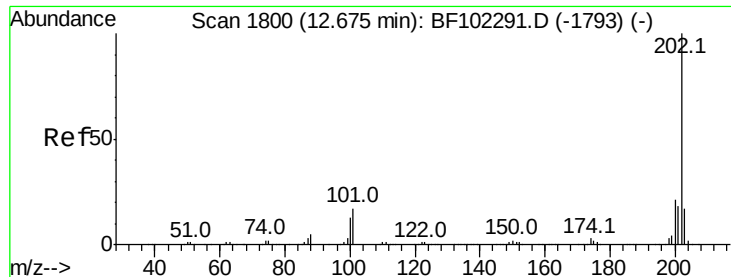


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

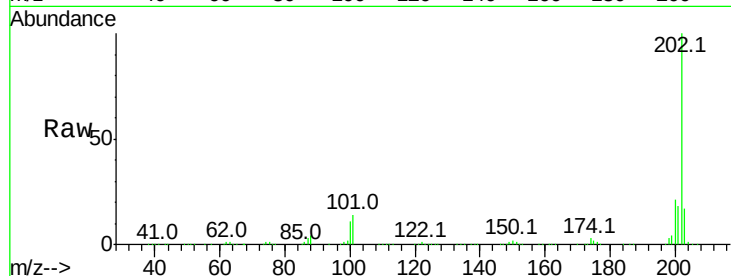




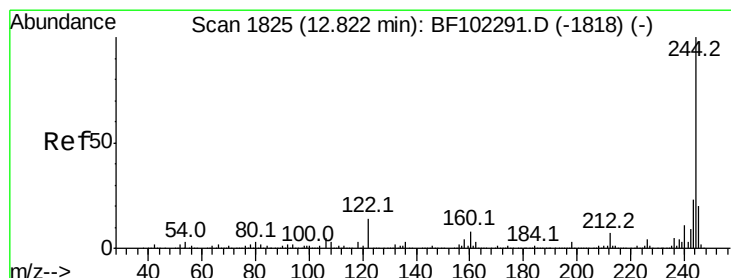
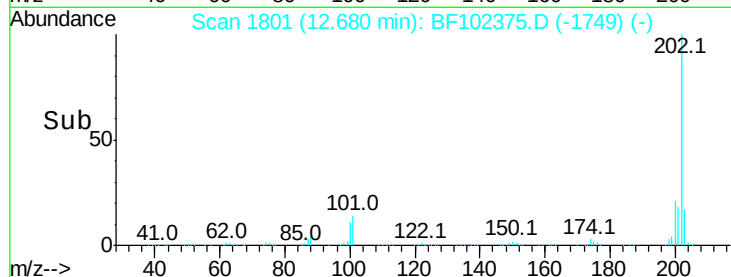
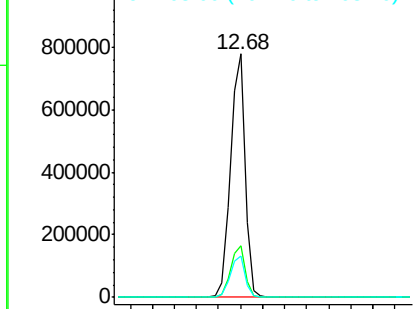
#77
 Pvrene
 Concen: 40.895 ng
 RT: 12.68 min Scan# 1801
 Delta R.T. 0.01 min
 Lab File: BF102375.D
 Acq: 24 Jan 2018 7:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	17.3	14.3	21.5

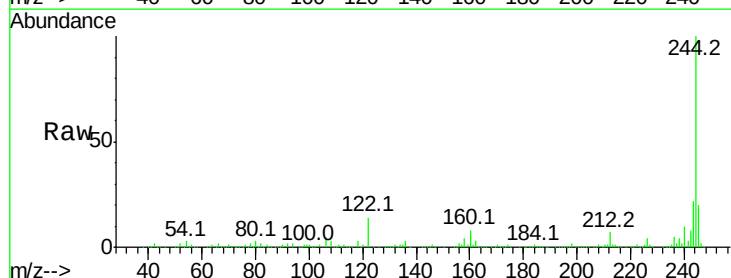


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

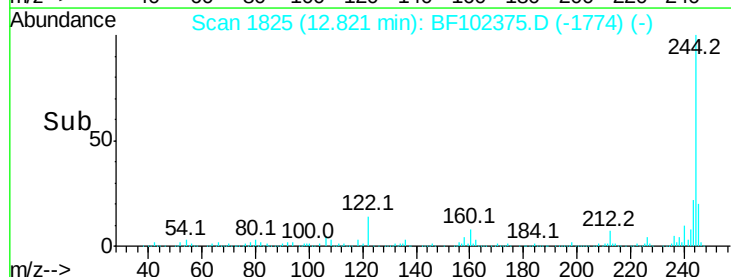
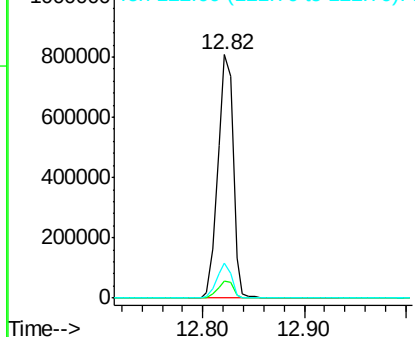


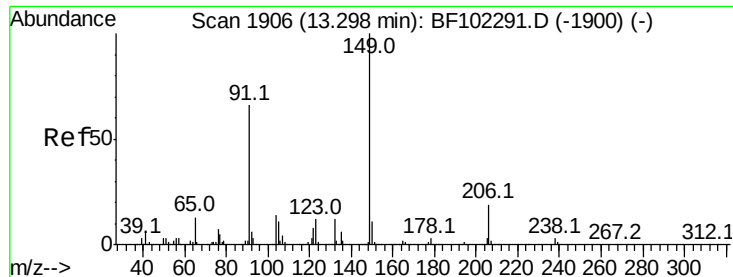
#78
 Terphenyl-d14
 Concen: 83.201 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BF102375.D
 Acq: 24 Jan 2018 7:30

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	14.2	11.0	16.4



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

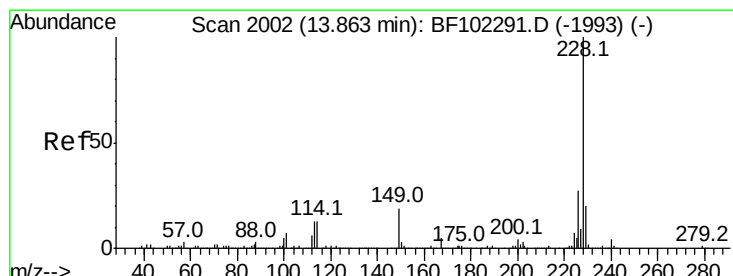
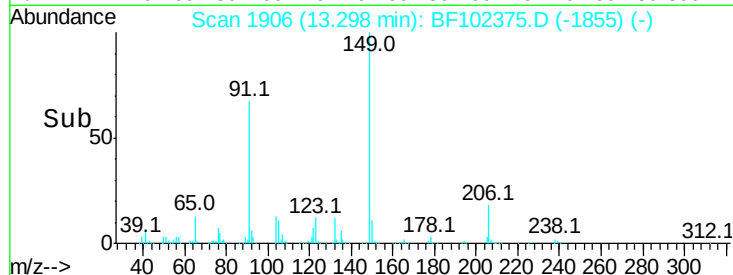
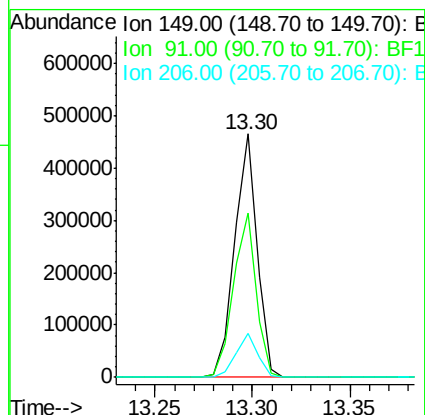
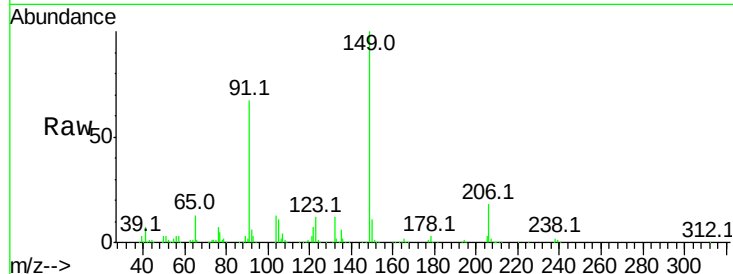




#79
Butylbenzylphthalate
Concen: 42.176 ng
RT: 13.30 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BF102375.D
Acq: 24 Jan 2018 7:30

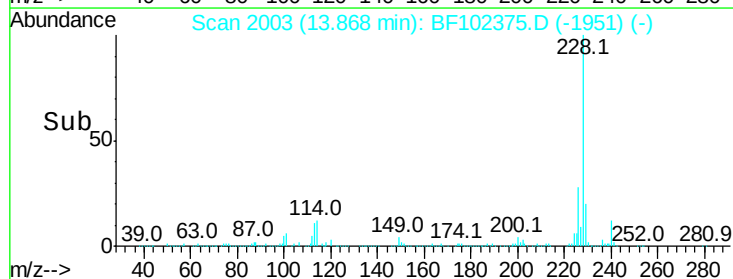
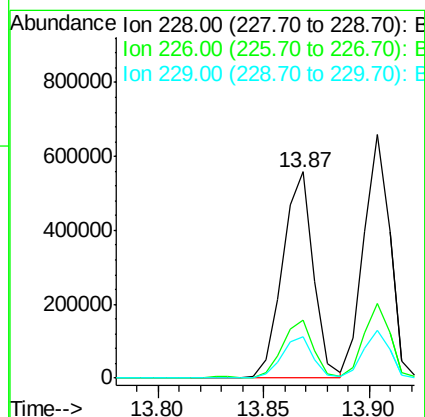
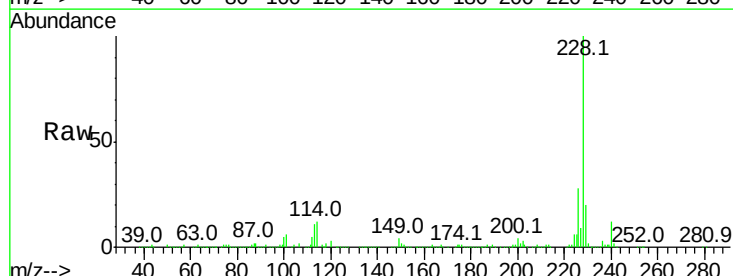
Instrument :
BNA_F
ClientSampleId :

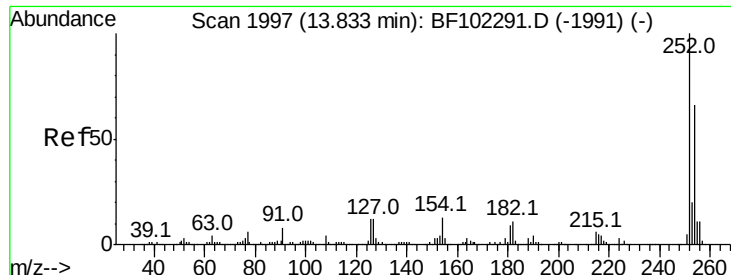
Tot Ion:149 Resp: 373783
Ion Ratio Lower Upper
149 100
91 67.3 56.8 85.2
206 18.1 14.1 21.1



#80
Benzo(a)anthracene
Concen: 40.187 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.01 min
Lab File: BF102375.D
Acq: 24 Jan 2018 7:30

Tgt Ion:228 Resp: 569898
Ion Ratio Lower Upper
228 100
226 28.0 22.6 33.8
229 20.0 15.8 23.6

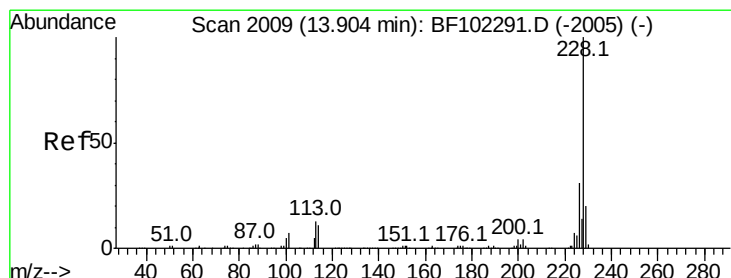
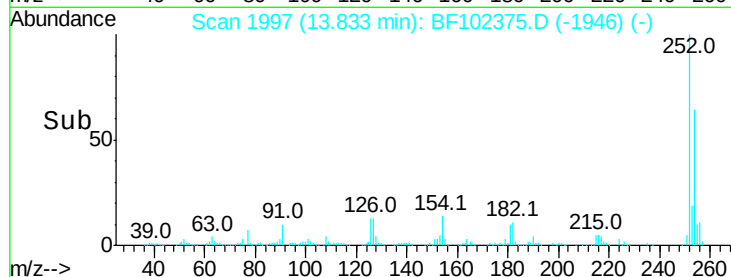
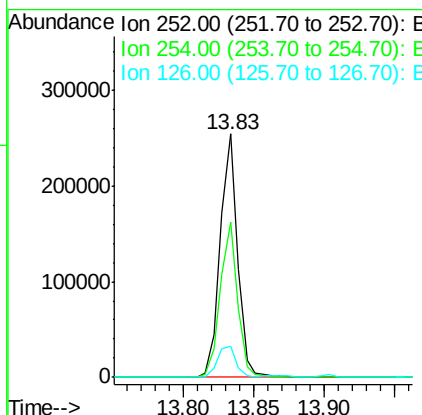
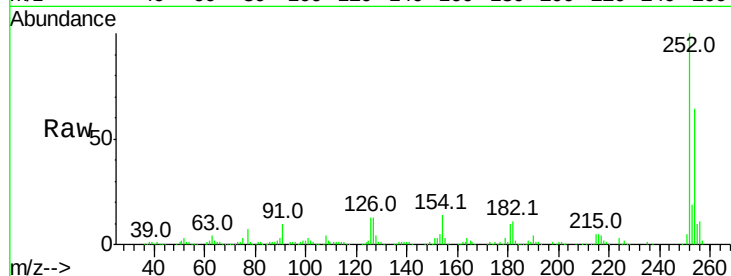




#81
 3,3'-Dichlorobenzidine
 Concen: 42.103 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.00 min
 Lab File: BF102375.D
 Acq: 24 Jan 2018 7:30

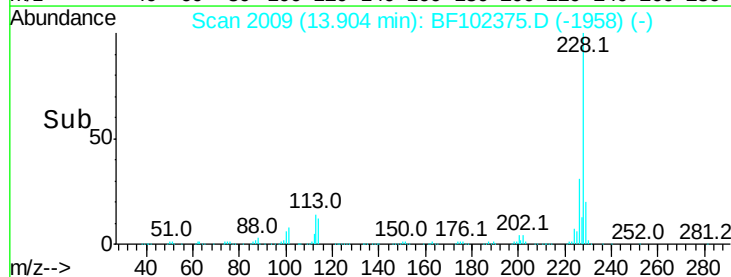
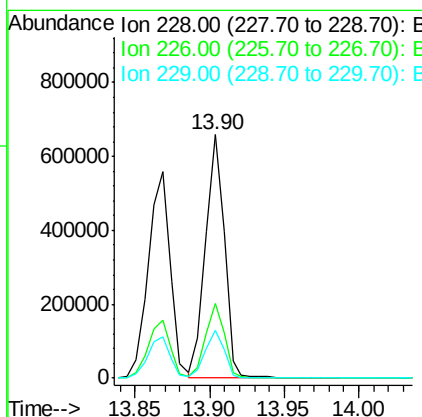
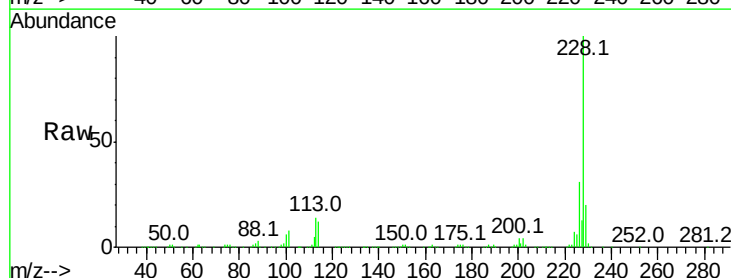
Instrument :
 BNA_F
 ClientSampleId :

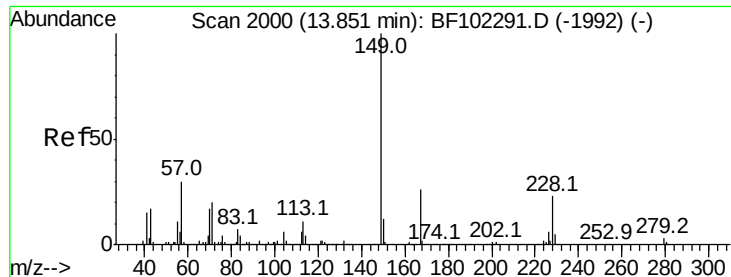
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.0	50.4	75.6
126	13.0	11.3	16.9



#82
 Chrysene
 Concen: 39.959 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.00 min
 Lab File: BF102375.D
 Acq: 24 Jan 2018 7:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	19.7	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.996 ng

RT: 13.86 min Scan# 2001

Delta R.T. 0.01 min

Lab File: BF102375.D

Acq: 24 Jan 2018 7:30

Instrument :

BNA_F

ClientSampleId :

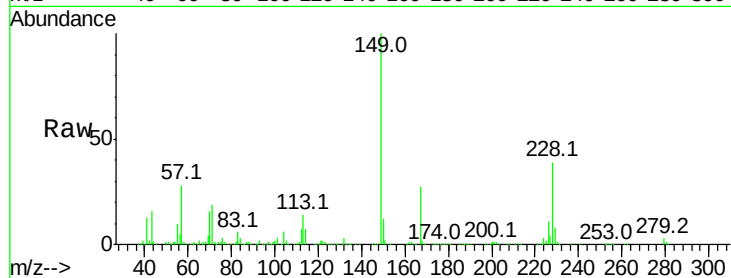
Tot Ion:149 Resp: 488280

Ion Ratio Lower Upper

149 100

167 26.6 21.3 31.9

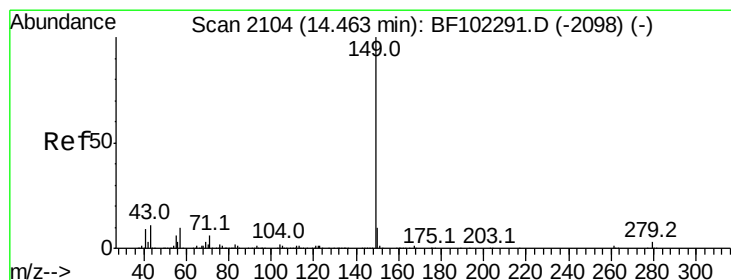
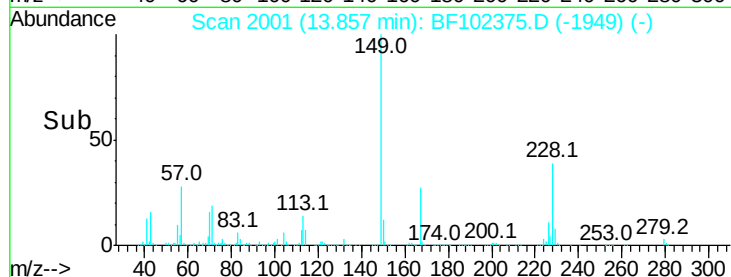
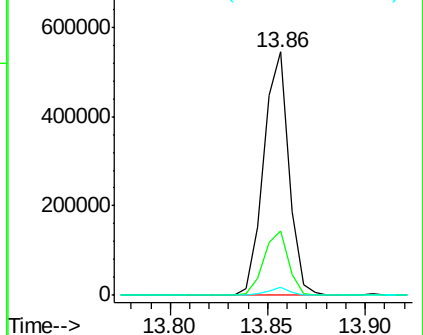
279 3.1 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.368 ng

RT: 14.47 min Scan# 2105

Delta R.T. 0.01 min

Lab File: BF102375.D

Acq: 24 Jan 2018 7:30

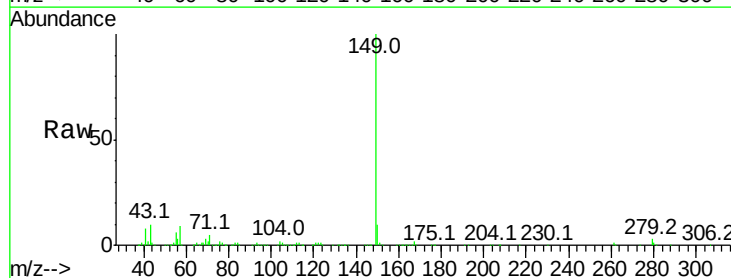
Tgt Ion:149 Resp: 762525

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

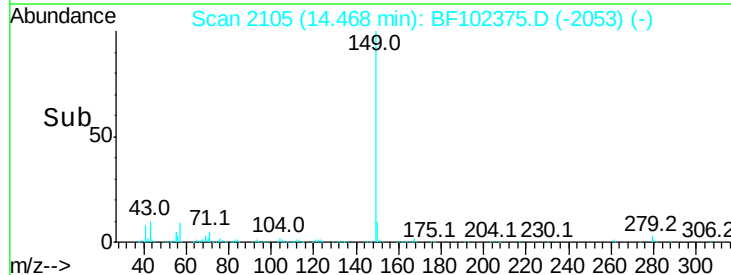
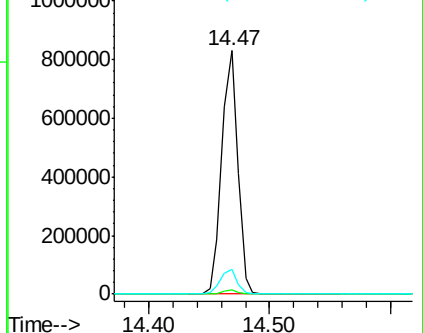
43 10.2 8.4 12.6

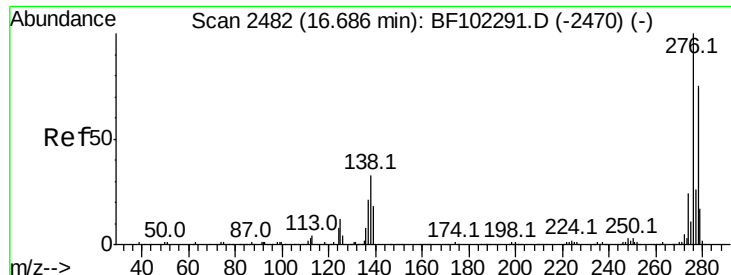


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

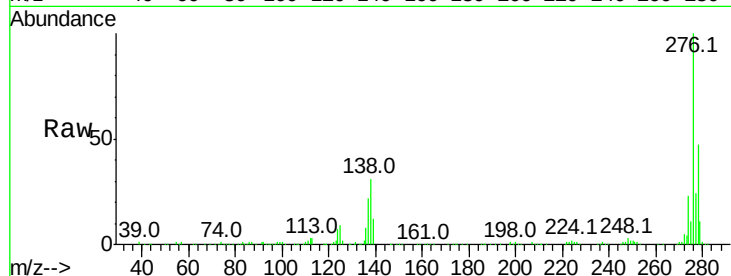




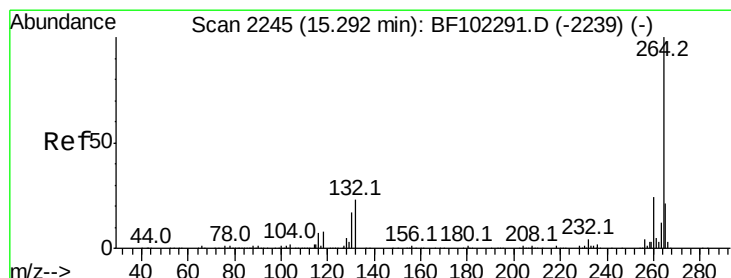
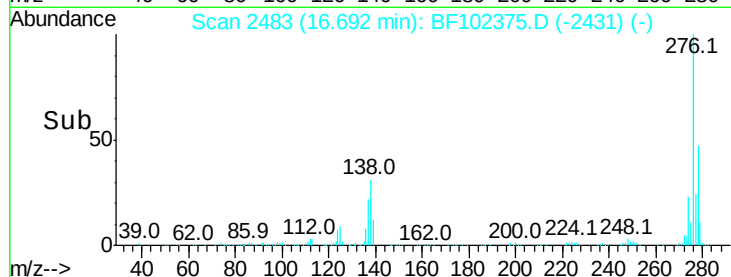
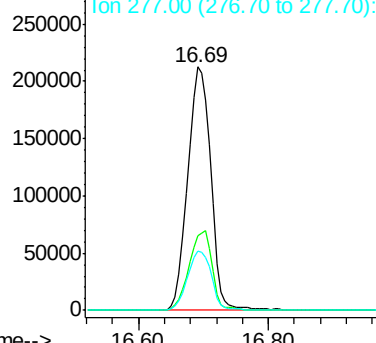
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.117 ng
 RT: 16.69 min Scan# 2483
 Delta R.T. 0.01 min
 Lab File: BF102375.D
 Acq: 24 Jan 2018 7:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.8	25.0	37.6
277	25.1	20.1	30.1

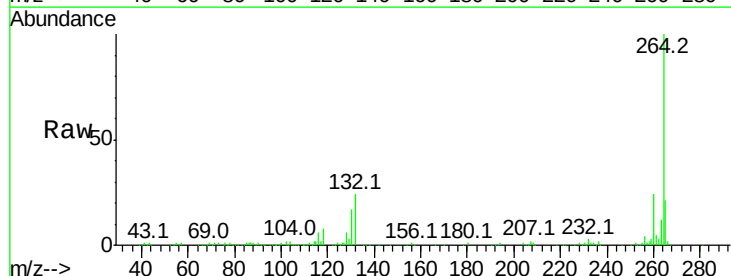


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

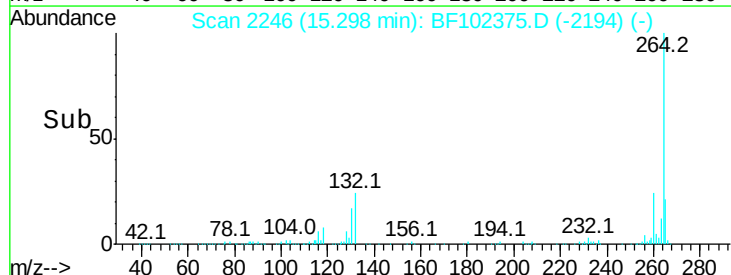
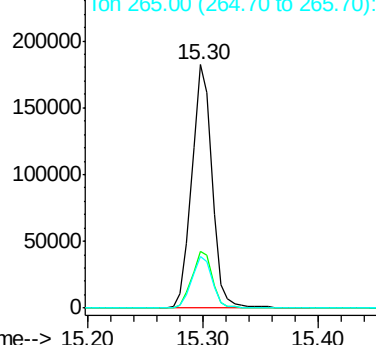


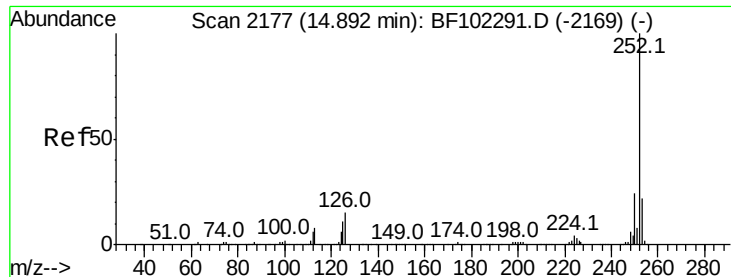
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2246
 Delta R.T. 0.01 min
 Lab File: BF102375.D
 Acq: 24 Jan 2018 7:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.4	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

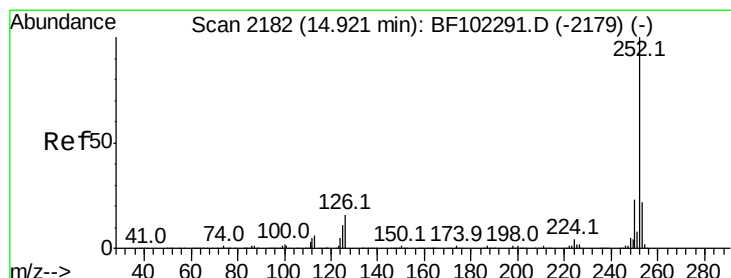
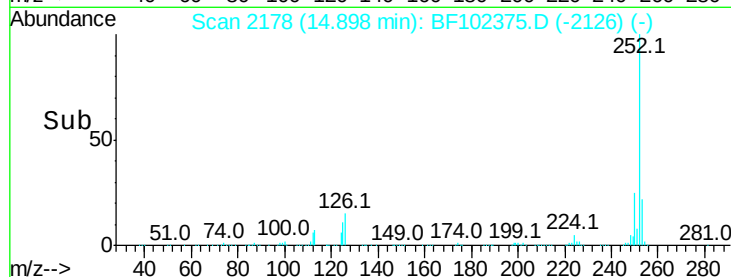
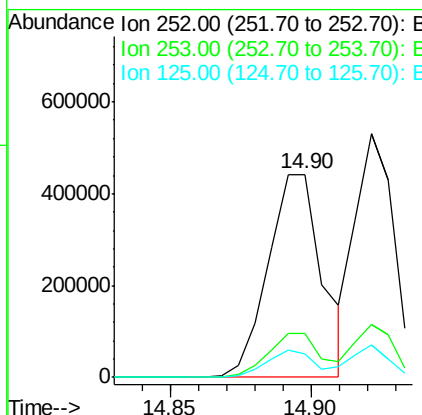
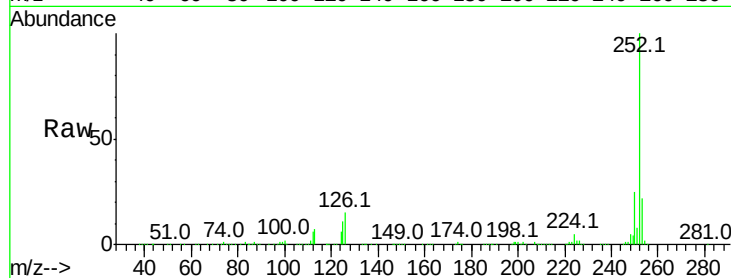




#87
Benzo(b)fluoranthene
Concen: 40.852 ng
RT: 14.90 min Scan# 2178
Delta R.T. 0.01 min
Lab File: BF102375.D
Acq: 24 Jan 2018 7:30

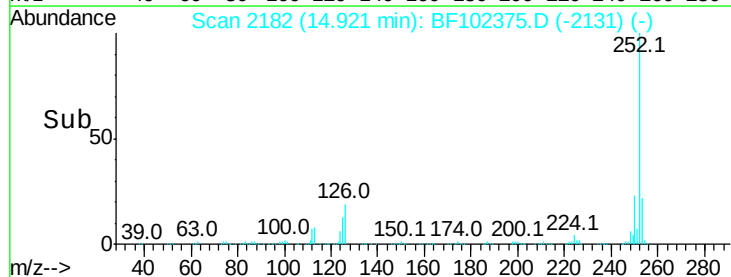
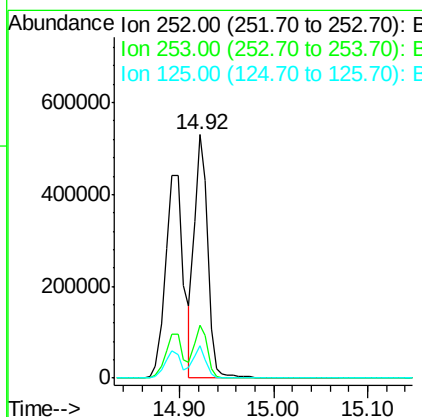
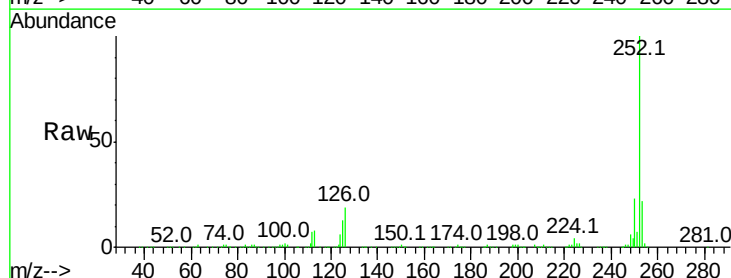
Instrument :
BNA_F
ClientSampleId :

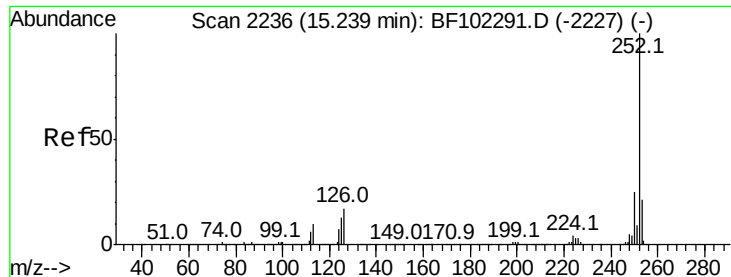
Tot Ion:252 Resp: 590287
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 11.4 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 38.100 ng
RT: 14.92 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BF102375.D
Acq: 24 Jan 2018 7:30

Tgt Ion:252 Resp: 520120
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 13.1 10.2 15.2





#89

Benzo(a)pyrene

Concen: 40.270 ng

RT: 15.24 min Scan# 2237

Delta R.T. 0.01 min

Lab File: BF102375.D

Acq: 24 Jan 2018 7:30

Instrument :

BNA_F

ClientSampled :

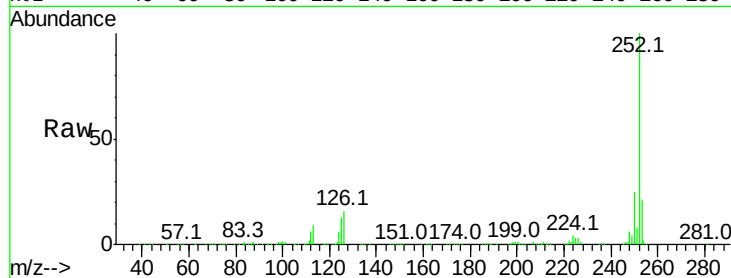
Tot Ion:252 Resp: 524784

Ion Ratio Lower Upper

252 100

253 21.1 17.1 25.7

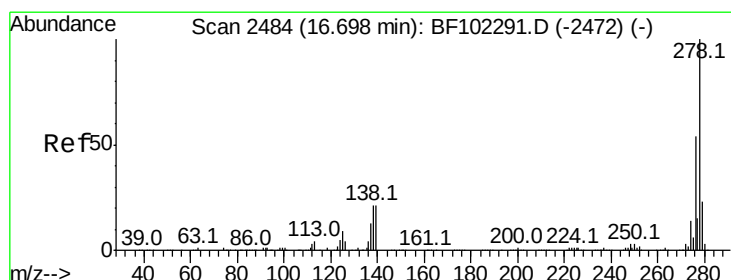
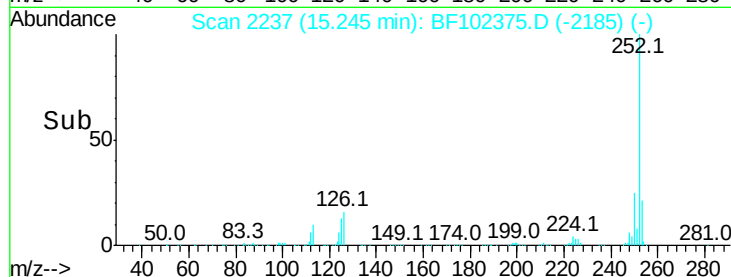
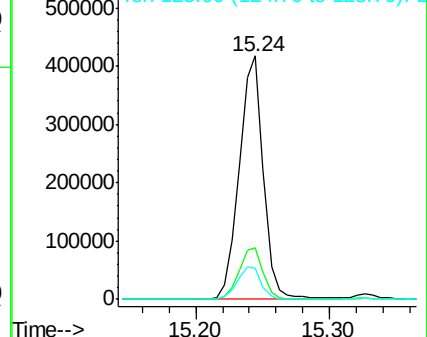
125 12.9 9.8 14.6



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: 41.130 ng

RT: 16.71 min Scan# 2486

Delta R.T. 0.01 min

Lab File: BF102375.D

Acq: 24 Jan 2018 7:30

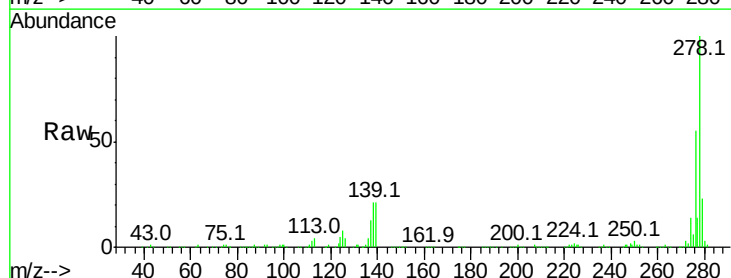
Tgt Ion:278 Resp: 434184

Ion Ratio Lower Upper

278 100

139 20.6 15.9 23.9

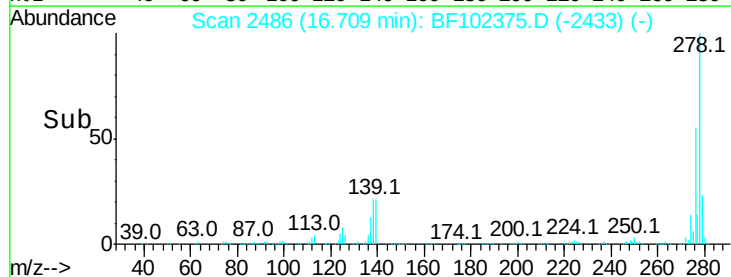
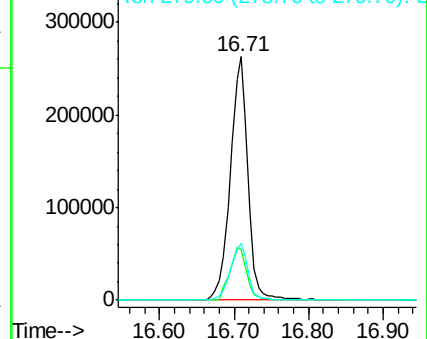
279 23.0 19.0 28.4

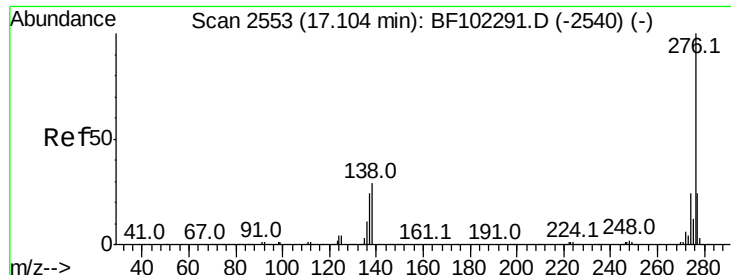


Abundance Ion 278.00 (277.70 to 278.70): E

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: 40.011 ng

RT: 17.12 min Scan# 2555

Delta R.T. 0.01 min

Lab File: BF102375.D

Acq: 24 Jan 2018 7:30

Instrument :

BNA_F

ClientSampleId :

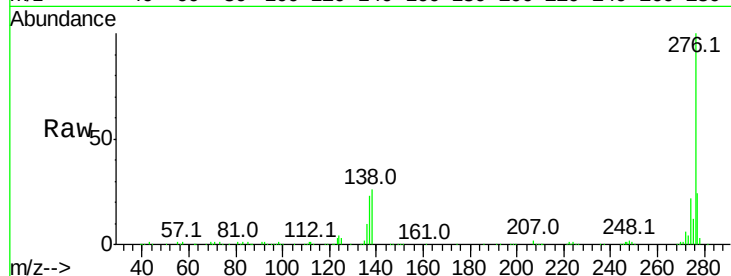
Tot Ion:276 Resp: 417038

Ion Ratio Lower Upper

276 100

277 23.6 17.9 26.9

138 25.5 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

