

Data Path : U:\HPCHEM1\BNA F\DATA\BF013018\
 Data File : BF102632.D
 Acq On : 30 Jan 2018 11:53
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 22:14:03 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	171901	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	722432	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	323016	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	557094	20.00	ng	0.00
75) Chrysene-d12	13.88	240	397816	20.00	ng	0.00
86) Perylene-d12	15.30	264	322700	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	932936	82.29	ng	0.00
7) Phenol-d6	6.37	99	1082140	79.17	ng	0.00
23) Nitrobenzene-d5	7.29	82	980918	78.03	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	215630	67.37	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1619868	73.74	ng	0.00
78) Terphenyl-d14	12.82	244	1337939	75.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	243059	45.123	ng	97
3) Pyridine	3.08	79	611861	43.466	ng	96
4) n-Nitrosodimethylamine	3.06	42	238573	43.230	ng	96
6) Aniline	6.38	93	690124	38.174	ng	# 30
8) 2-Chlorophenol	6.50	128	480609	40.441	ng	98
9) Benzaldehyde	6.27	77	296493	38.632	ng	94
10) Phenol	6.38	94	569037	38.135	ng	# 61
11) bis(2-Chloroethyl)ether	6.46	93	468116	41.247	ng	98
12) 1,3-Dichlorobenzene	6.65	146	551630	39.028	ng	100
13) 1,4-Dichlorobenzene	6.73	146	553080	39.064	ng	98
14) 1,2-Dichlorobenzene	6.89	146	501281	38.707	ng	97
15) Benzyl Alcohol	6.87	79	355709	36.885	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	708096	37.201	ng	67
17) 2-Methylphenol	6.99	107	403533	39.097	ng	# 90
18) Hexachloroethane	7.22	117	196754	39.879	ng	92
19) n-Nitroso-di-n-propylamine	7.14	70	323251	38.646	ng	98
20) 3+4-Methylphenols	7.14	107	507912	41.841	ng	# 88
22) Acetophenone	7.13	105	667866	38.781	ng	# 94
24) Nitrobenzene	7.30	77	510646	39.692	ng	100
25) Isophorone	7.55	82	878308	39.190	ng	98
26) 2-Nitrophenol	7.62	139	269715	39.834	ng	92
27) 2,4-Dimethylphenol	7.66	122	381497	38.802	ng	98
28) bis(2-Chloroethoxy)methane	7.75	93	546608	39.482	ng	98
29) 2,4-Dichlorophenol	7.86	162	392079	39.149	ng	99
30) 1,2,4-Trichlorobenzene	7.94	180	409841	38.176	ng	98
31) Naphthalene	8.02	128	1362760	37.781	ng	100
32) Benzoic acid	7.82	122	251067	30.479	ng	94
33) 4-Chloroaniline	8.07	127	600991	39.623	ng	100
34) Hexachlorobutadiene	8.13	225	217910	38.004	ng	98
35) Caprolactam	8.46	113	92344	27.919	ng	98
36) 4-Chloro-3-methylphenol	8.57	107	413795	39.198	ng	100
37) 2-Methylnaphthalene	8.71	142	903577	37.615	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	371441	38.221	ng	100
40) Hexachlorocyclopentadiene	8.86	237	194487	44.718	ng	97

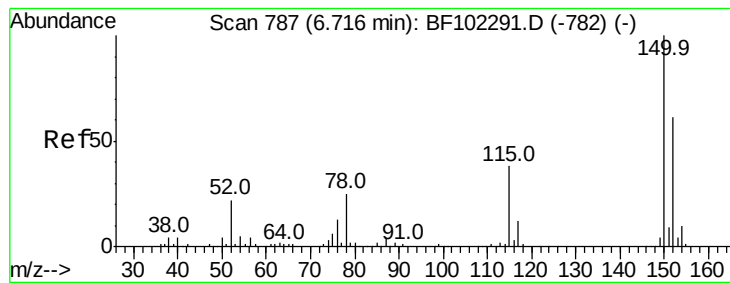
Data Path : U:\HPCHEM1\BNA F\DATA\BF013018\
 Data File : BF102632.D
 Acq On : 30 Jan 2018 11:53
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 22:14:03 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	240415	36.955	ng	98
43) 2,4,5-Trichlorophenol	9.05	196	268610	36.671	ng	97
45) 1,1'-Biphenyl	9.17	154	1090233	37.747	ng	99
46) 2-Chloronaphthalene	9.20	162	846525	37.707	ng	97
47) 2-Nitroaniline	9.31	65	285083	40.731	ng	98
48) Acenaphthylene	9.62	152	1262100	36.085	ng	99
49) Dimethylphthalate	9.47	163	992006	37.155	ng	99
50) 2,6-Dinitrotoluene	9.55	165	215751	37.480	ng	94
51) Acenaphthene	9.79	154	749126	36.673	ng	99
52) 3-Nitroaniline	9.72	138	267084	39.221	ng	98
53) 2,4-Dinitrophenol	9.84	184	132504	52.629	ng	# 21
54) Dibenzofuran	9.96	168	1032606	37.352	ng	97
55) 4-Nitrophenol	9.90	139	212380	47.247	ng	96
56) 2,4-Dinitrotoluene	9.96	165	258660	36.540	ng	# 82
57) Fluorene	10.30	166	857449	39.142	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	193455	36.990	ng	95
59) Diethylphthalate	10.17	149	952819	36.724	ng	98
60) 4-Chlorophenyl-phenylether	10.29	204	367884	38.734	ng	97
61) 4-Nitroaniline	10.34	138	247471	36.419	ng	91
62) Azobenzene	10.45	77	903868	38.051	ng	98
64) 4,6-Dinitro-2-methylphenol	10.37	198	129653	34.884	ng	96
65) n-Nitrosodiphenylamine	10.42	169	768162	37.568	ng	99
66) 4-Bromophenyl-phenylether	10.78	248	227195	37.884	ng	94
67) Hexachlorobenzene	10.85	284	237325	35.385	ng	99
68) Atrazine	10.95	200	222403	36.827	ng	99
69) Pentachlorophenol	11.05	266	162840	46.218	ng	98
70) Phenanthrene	11.26	178	1199905	36.962	ng	99
71) Anthracene	11.32	178	1216792	36.723	ng	100
72) Carbazole	11.47	167	1215534	37.603	ng	99
73) Di-n-butylphthalate	11.79	149	1473170	36.459	ng	99
74) Fluoranthene	12.45	202	1196183	36.134	ng	100
76) Benzidine	12.58	184	668214	50.001	ng	98
77) Pyrene	12.68	202	1217352	39.579	ng	99
79) Butylbenzylphthalate	13.29	149	613451	40.077	ng	99
80) Benzo(a)anthracene	13.87	228	973247	39.737	ng	99
81) 3,3'-Dichlorobenzidine	13.83	252	336094	37.408	ng	99
82) Chrysene	13.91	228	936218	37.642	ng	99
83) Bis(2-ethylhexyl)phthalate	13.84	149	796980	38.744	ng	# 99
84) Di-n-octyl phthalate	14.46	149	1214269	36.298	ng	100
85) Indeno(1,2,3-cd)pyrene	16.72	276	695281	33.849	ng	97
87) Benzo(b)fluoranthene	14.90	252	853197	40.792	ng	97
88) Benzo(k)fluoranthene	14.93	252	736129	37.252	ng	100
89) Benzo(a)pyrene	15.25	252	723546	38.356	ng	97
90) Dibenzo(a,h)anthracene	16.72	278	573661	37.542	ng	96
91) Benzo(g,h,i)perylene	17.14	276	600972	39.831	ng	98

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

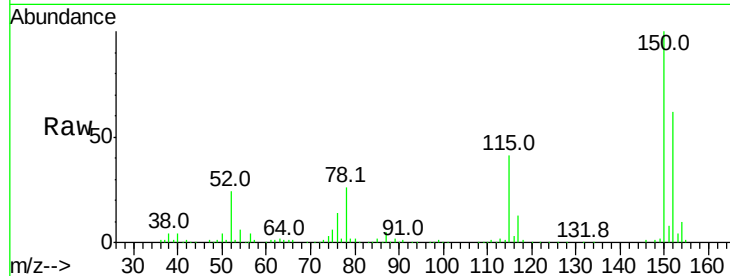


#1

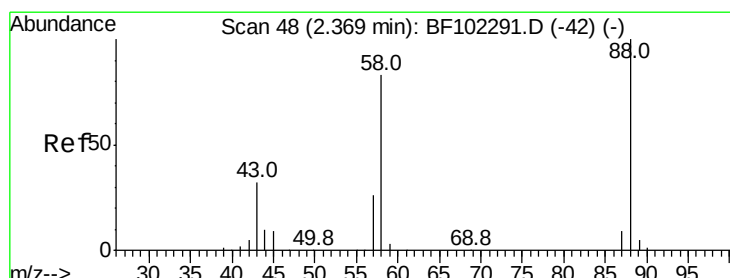
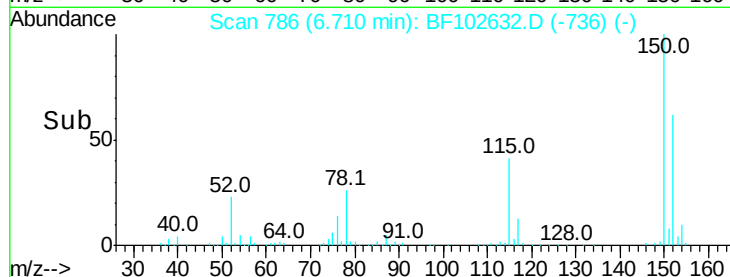
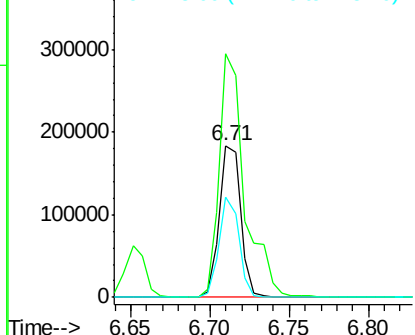
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.4	124.6	186.8
115	65.9	50.1	75.1



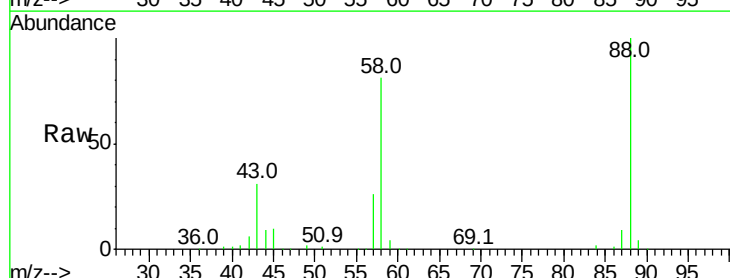
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



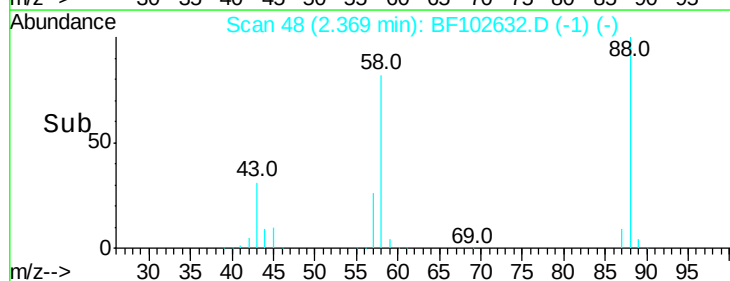
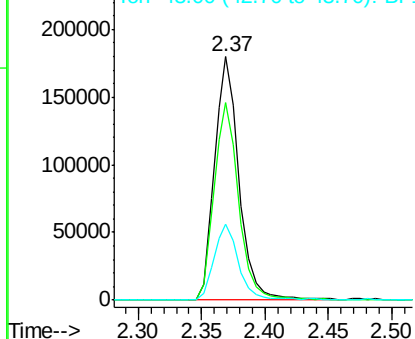
#2

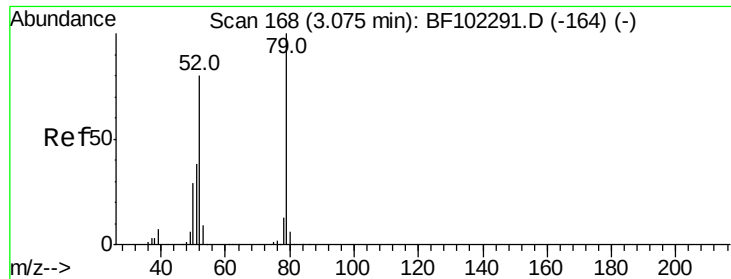
1,4-Dioxane
Concen: 45.123 ng
RT: 2.37 min Scan# 48
Delta R.T. 0.01 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.7	62.6	93.8
43	30.9	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: 43.466 ng

RT: 3.08 min Scan# 168

Delta R.T. 0.01 min

Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

Instrument :

BNA_F

ClientSampleId :

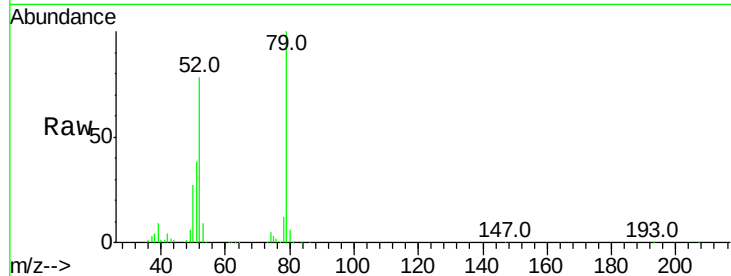
Tot Ion: 79 Resp: 611861

Ion Ratio Lower Upper

79 100

52 78.4 59.8 89.6

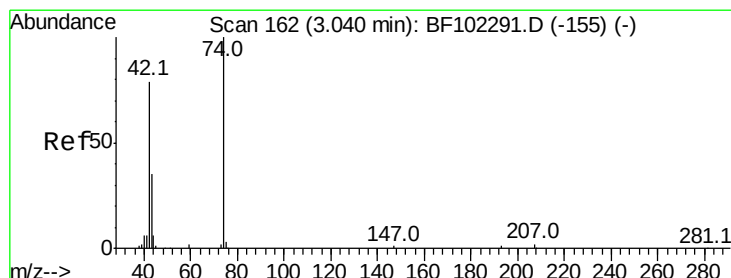
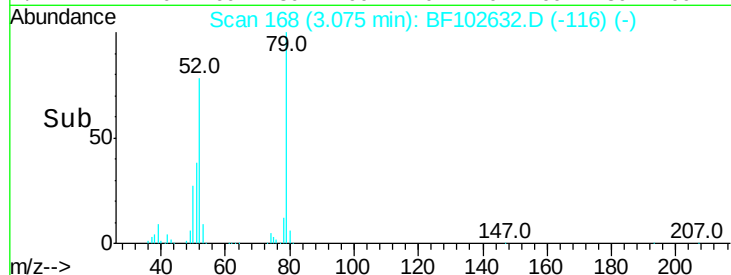
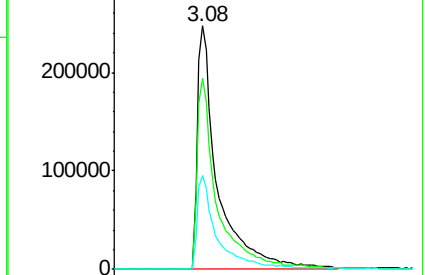
51 38.5 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 43.230 ng

RT: 3.06 min Scan# 165

Delta R.T. 0.02 min

Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

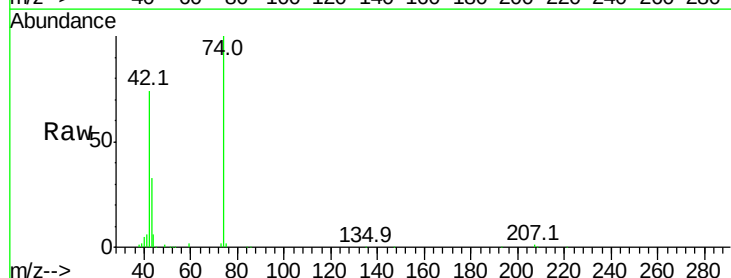
Tgt Ion: 42 Resp: 238573

Ion Ratio Lower Upper

42 100

74 135.6 104.9 157.3

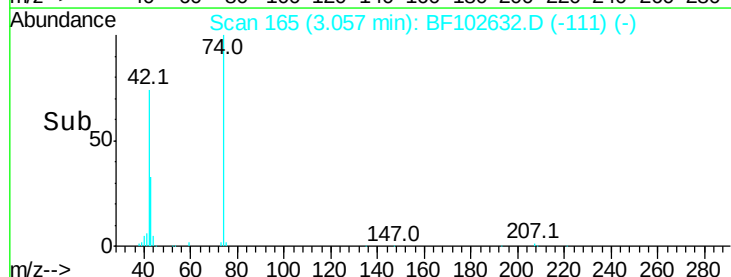
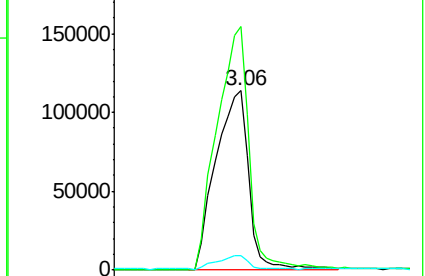
44 8.0 6.9 10.3

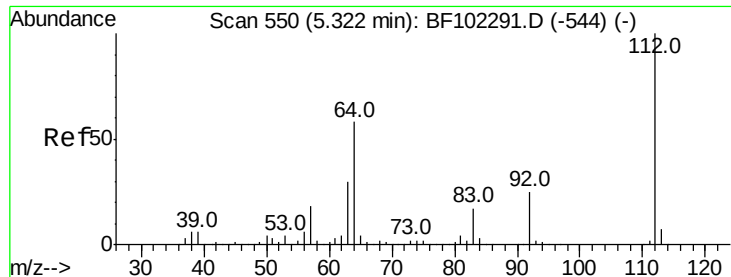


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 82.290 ng

RT: 5.33 min Scan# 551

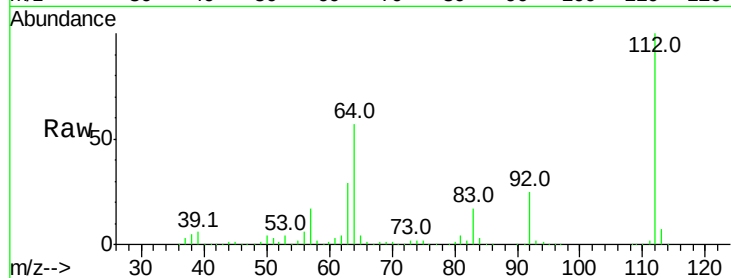
Delta R.T. 0.01 min

Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

Instrument :
BNA_F
ClientSampleId :

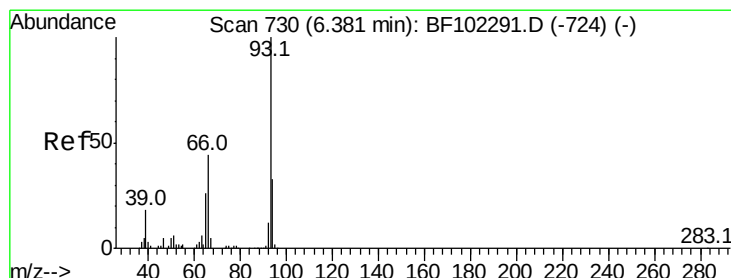
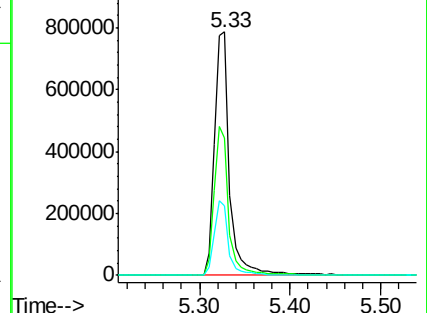
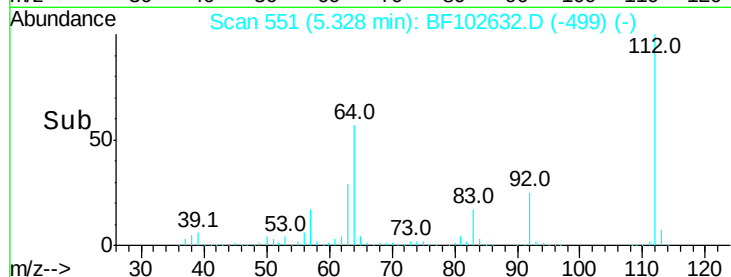
Tot Ion:	112	Resp:	932936
Ion	Ratio	Lower	Upper
112	100		
64	56.7	47.9	71.9
63	28.8	23.7	35.5



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: 38.174 ng

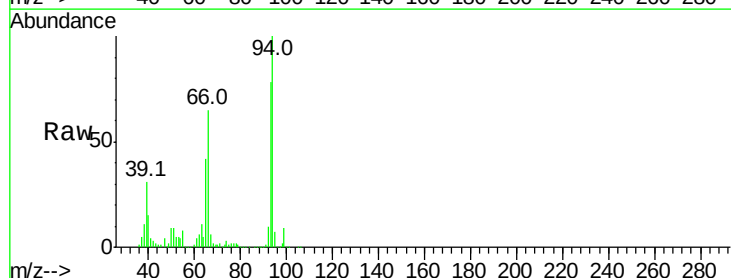
RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

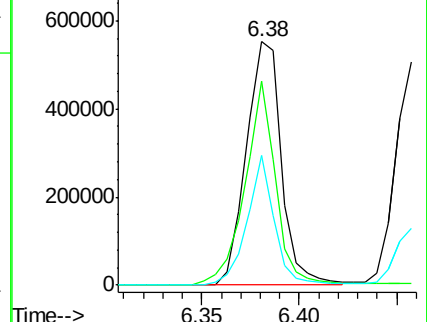
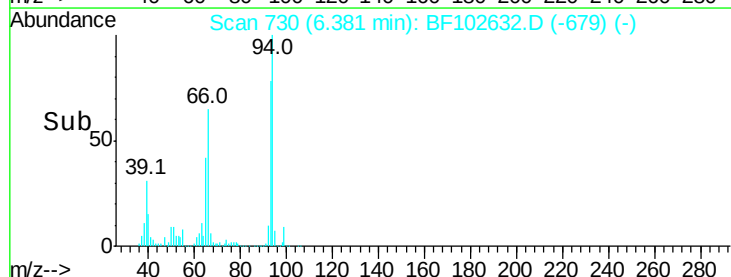
Tgt Ion:	93	Resp:	690124
Ion	Ratio	Lower	Upper
93	100		
66	83.5	32.2	48.2#
65	53.1	16.4	24.6#

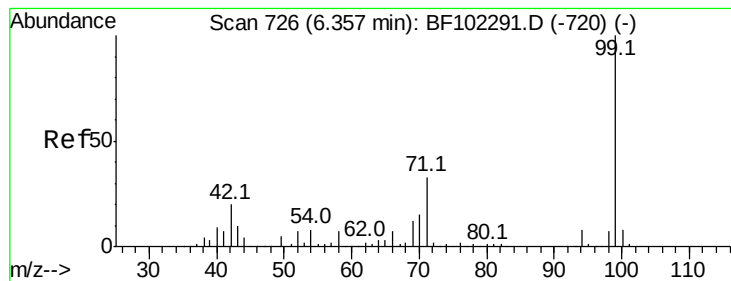


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.173 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

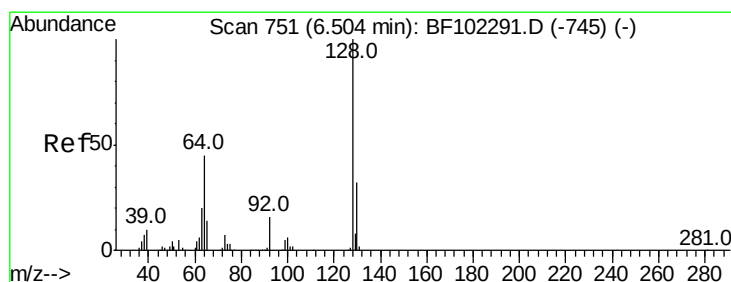
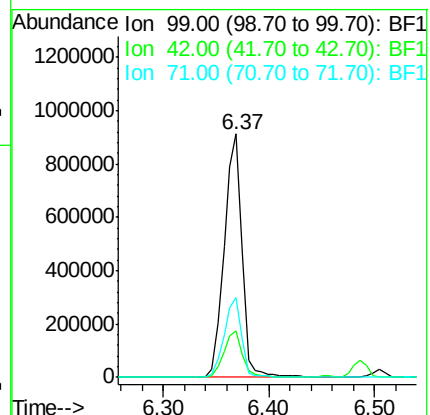
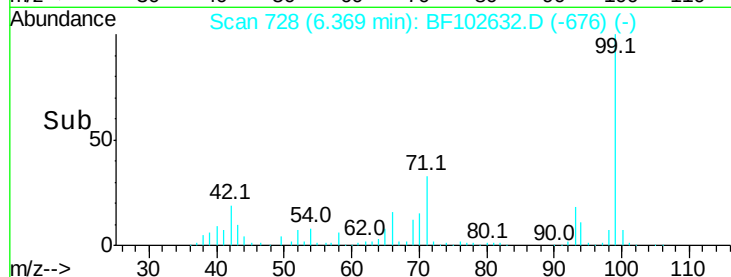
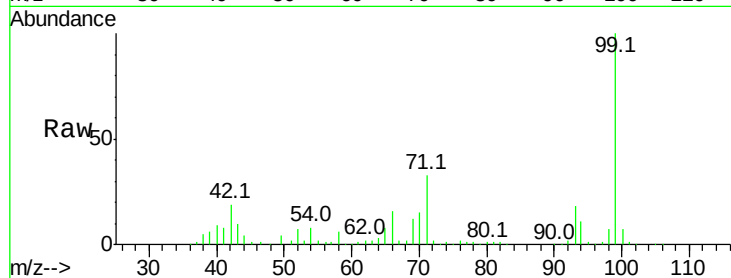
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1082140

Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.5	21.7
71	32.9	25.4	38.0



#8

2-Chlorophenol

Concen: 40.441 ng

RT: 6.50 min Scan# 751

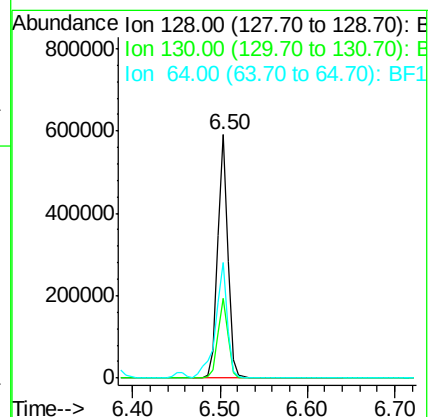
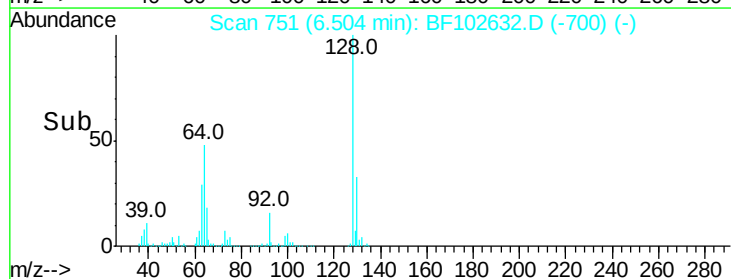
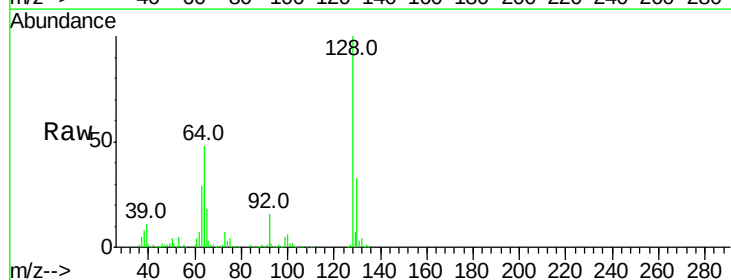
Delta R.T. 0.00 min

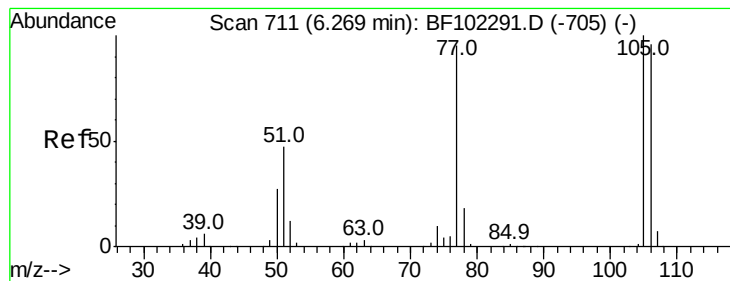
Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

Tgt Ion: 128 Resp: 480609

Ion	Ratio	Lower	Upper
128	100		
130	32.5	13.0	53.0
64	47.7	29.4	69.4





#9

Benzaldehyde

Concen: 38.632 ng

RT: 6.27 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

Instrument :

BNA_F

ClientSampleId :

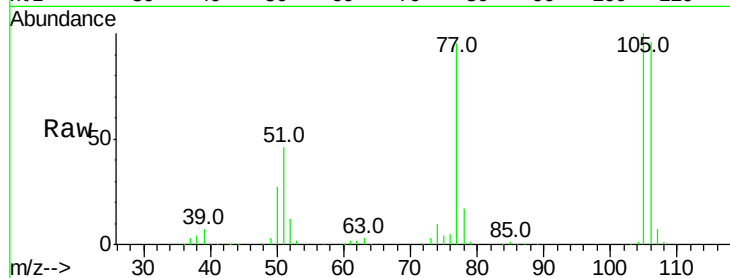
Tot Ion: 77 Resp: 296493

Ion Ratio Lower Upper

77 100

105 105.6 81.1 121.1

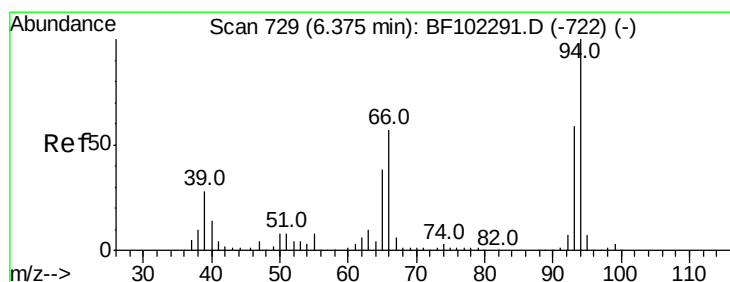
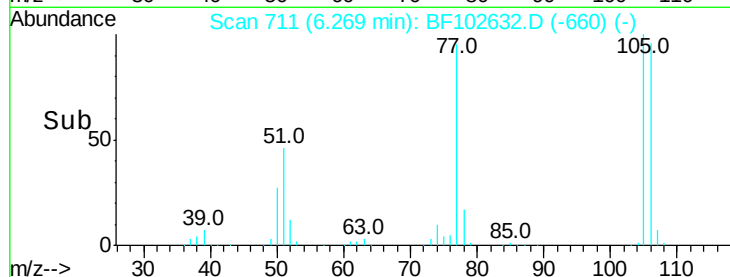
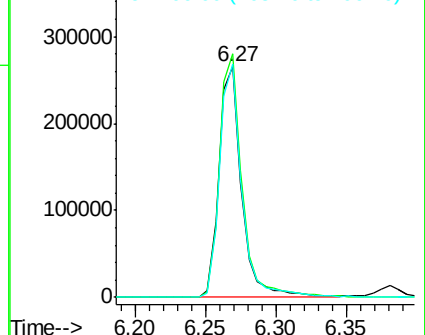
106 101.0 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.135 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

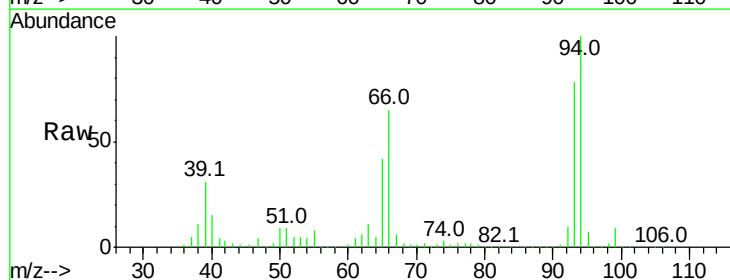
Tgt Ion: 94 Resp: 569037

Ion Ratio Lower Upper

94 100

65 41.5 7.9 47.9

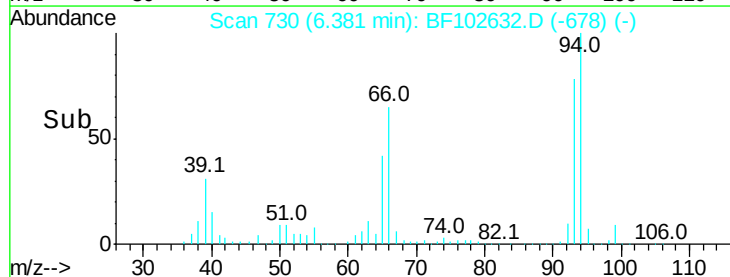
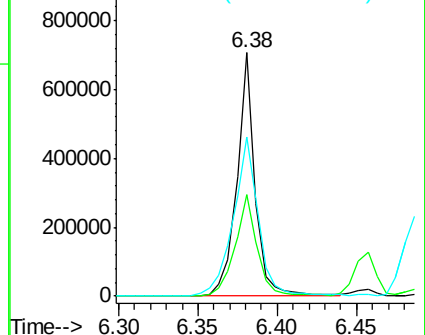
66 65.3 16.2 56.2#

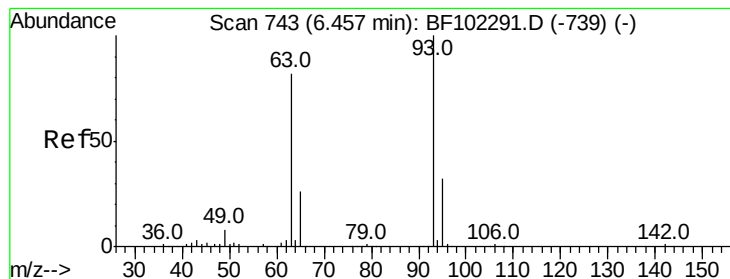


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 41.247 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

Instrument :

BNA_F

ClientSampleId :

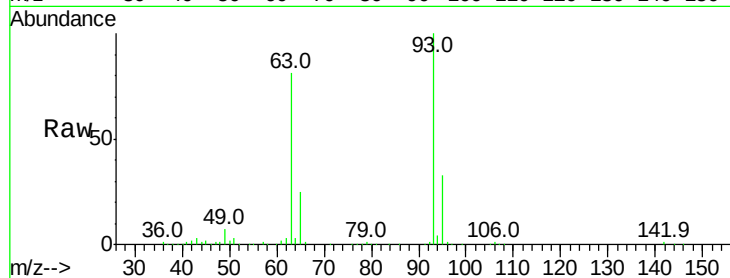
Tot Ion: 93 Resp: 468116

Ion Ratio Lower Upper

93 100

63 80.8 58.6 98.6

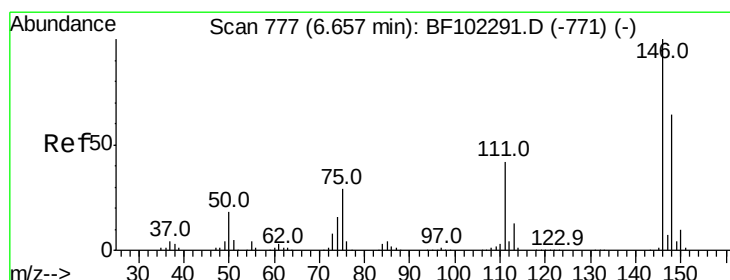
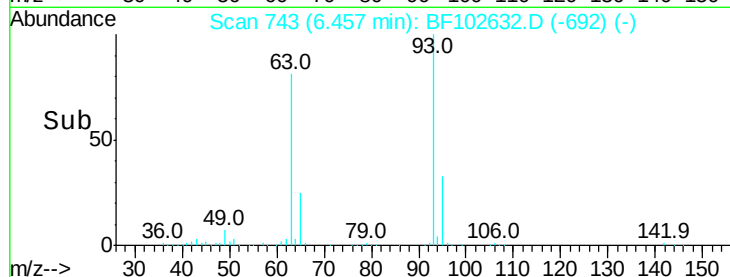
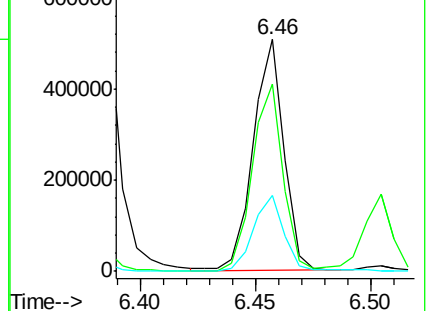
95 32.8 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 39.028 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

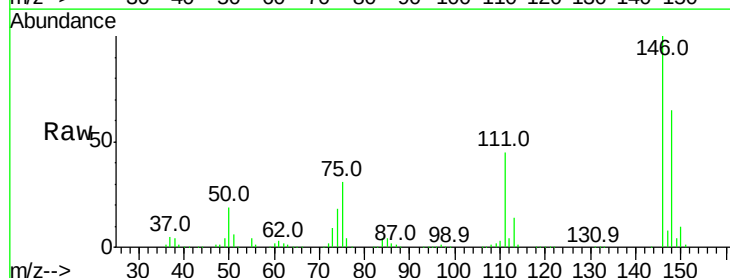
Tgt Ion: 146 Resp: 551630

Ion Ratio Lower Upper

146 100

148 64.8 51.8 77.8

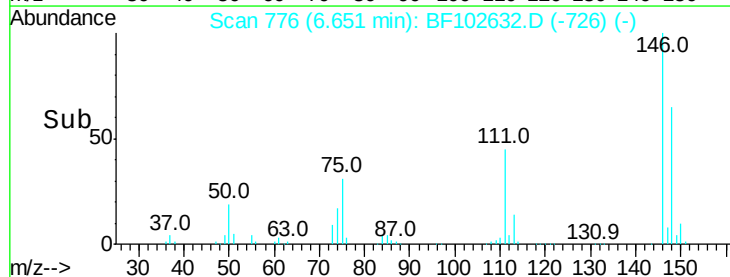
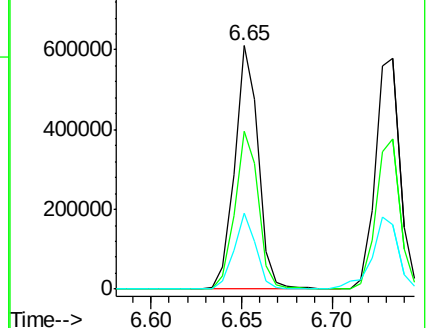
75 31.0 24.2 36.4

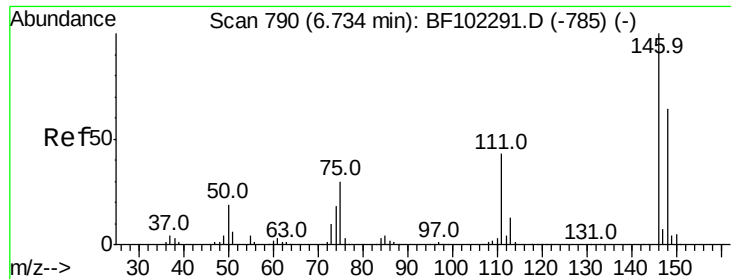


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

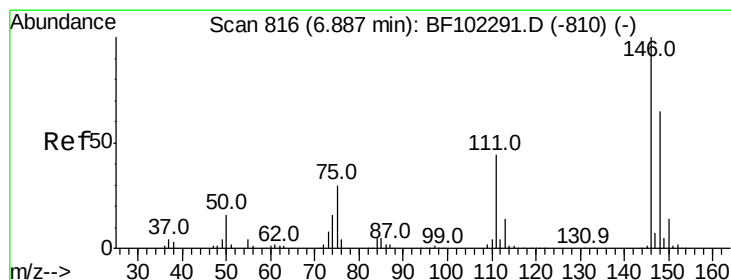
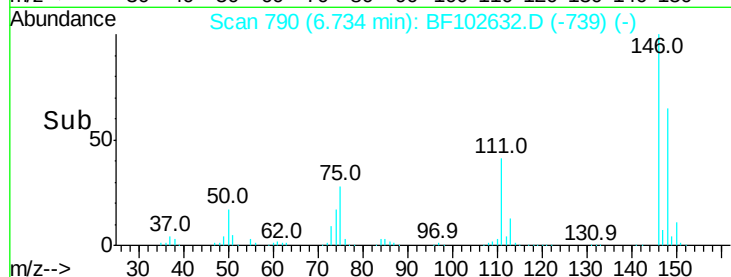
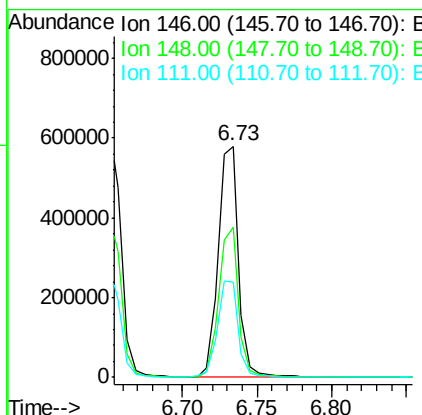
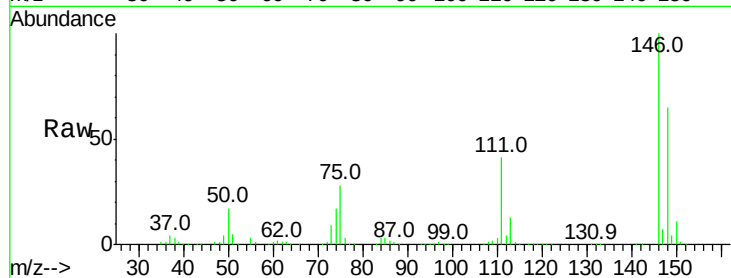




#13
 1,4-Dichlorobenzene
 Concen: 39.064 ng
 RT: 6.73 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF102632.D
 Acq: 30 Jan 2018 11:53

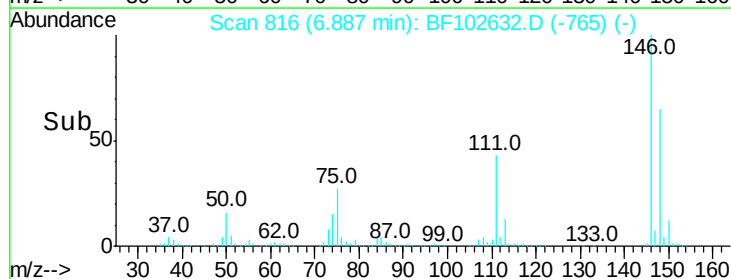
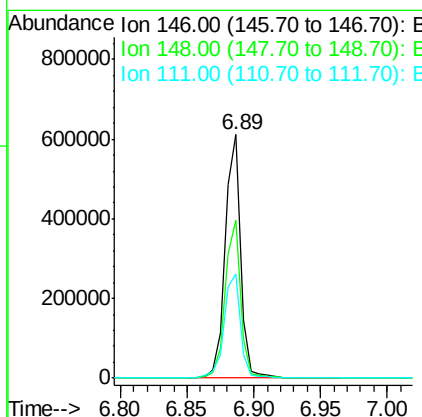
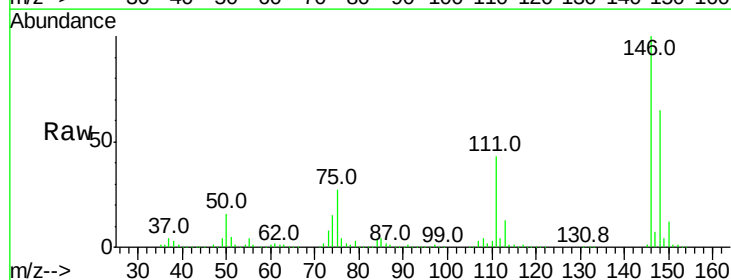
Instrument :
 BNA_F
 ClientSampleId :

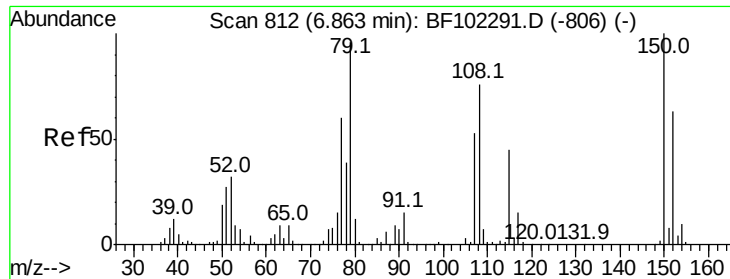
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	50.8	76.2
111	41.0	34.2	51.2



#14
 1,2-Dichlorobenzene
 Concen: 38.707 ng
 RT: 6.89 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF102632.D
 Acq: 30 Jan 2018 11:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.6	75.8
111	42.6	36.0	54.0

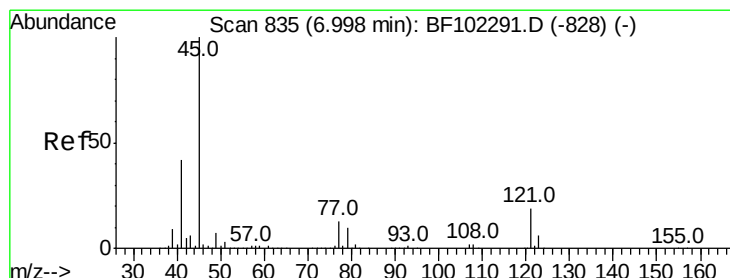
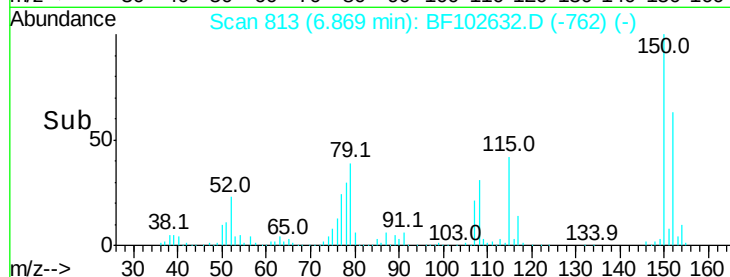
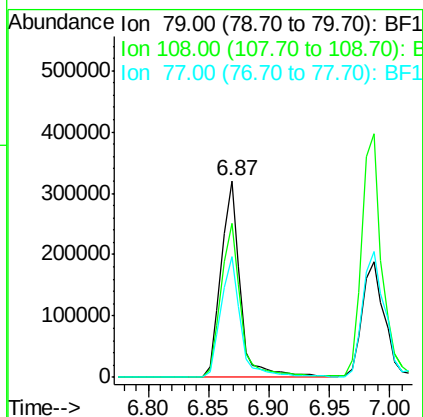
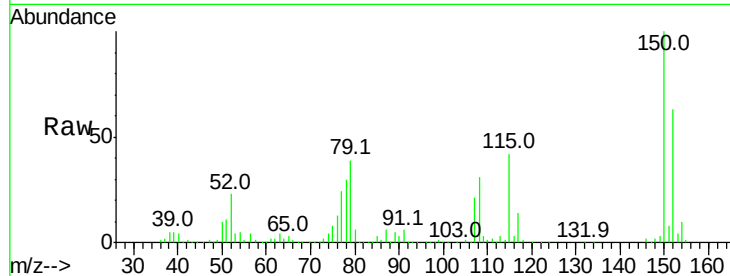




#15
Benzyl Alcohol
Concen: 36.885 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

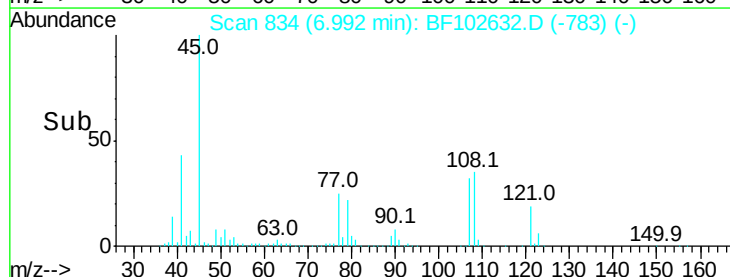
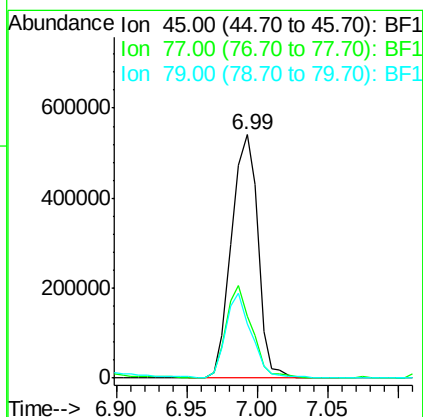
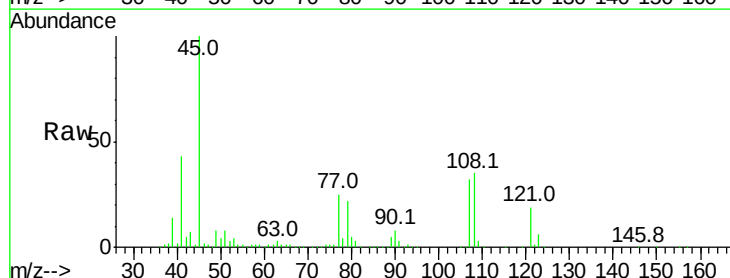
Instrument :
BNA_F
ClientSampleId :

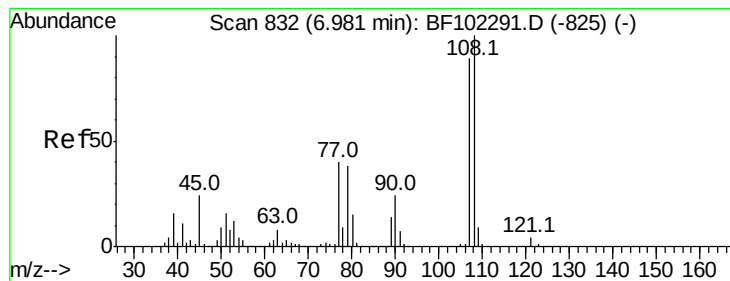
Tot Ion: 79 Resp: 355709
Ion Ratio Lower Upper
79 100
108 78.2 65.1 97.7
77 61.8 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.201 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

Tgt Ion: 45 Resp: 708096
Ion Ratio Lower Upper
45 100
77 25.4 0.0 32.9
79 22.4 0.0 29.6





#17

2-Methylphenol

Concen: 39.097 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.01 min

Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 403533

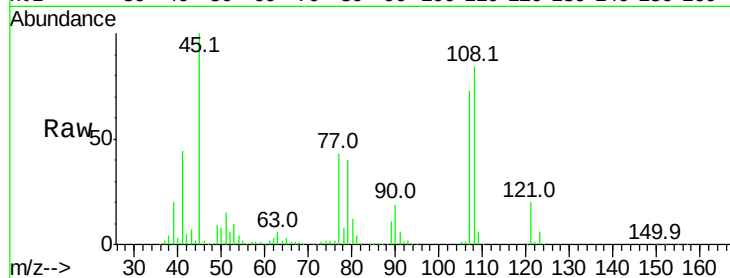
Ion Ratio Lower Upper

107 100

108 114.5 91.7 137.5

77 59.2 33.8 50.8#

79 54.1 33.8 50.8#



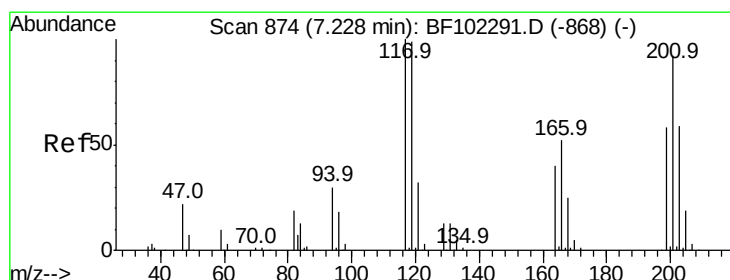
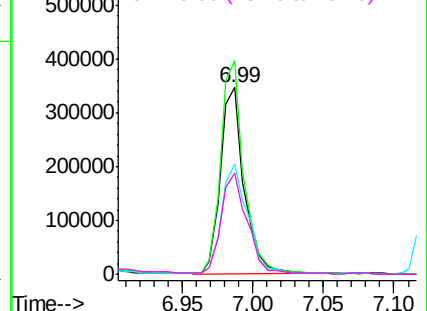
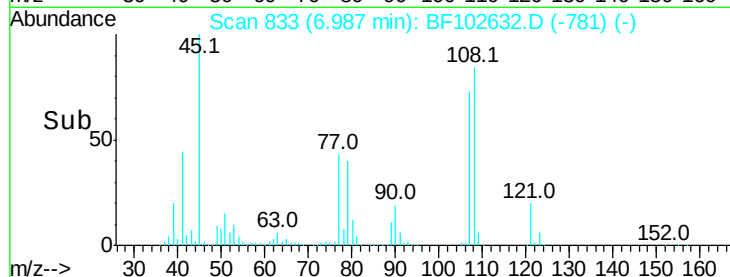
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 39.879 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

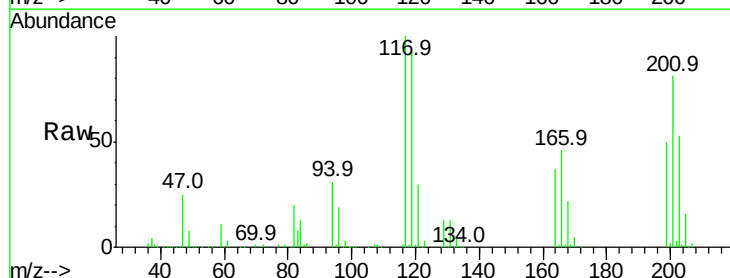
Tgt Ion:117 Resp: 196754

Ion Ratio Lower Upper

117 100

119 92.9 75.8 113.8

201 81.5 75.7 113.5

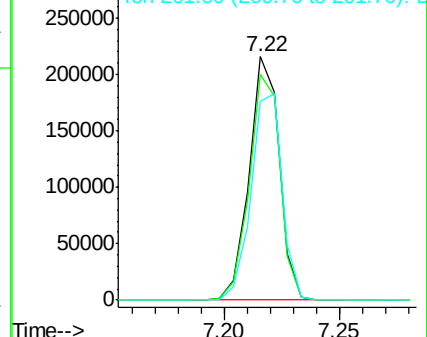
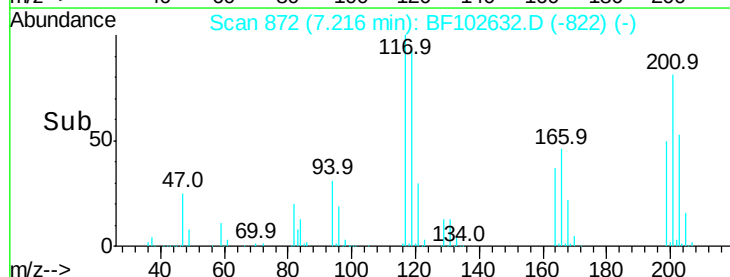


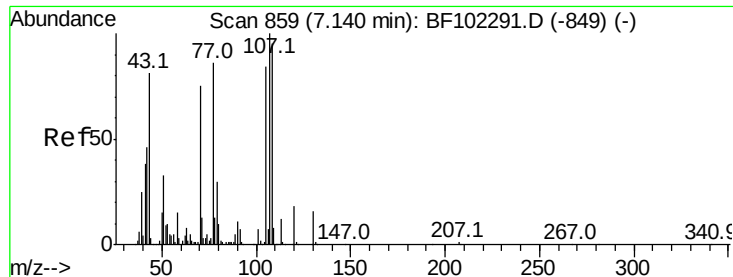
Abundance

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

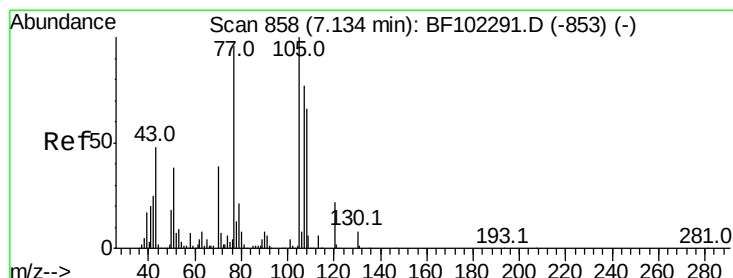
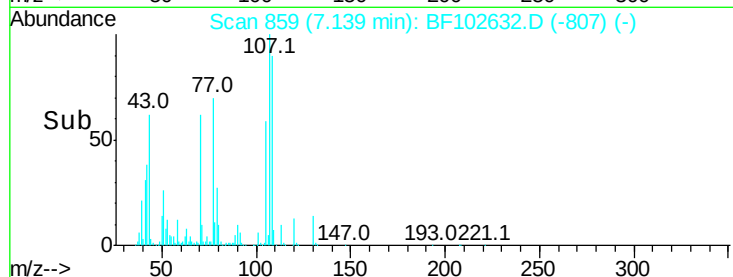
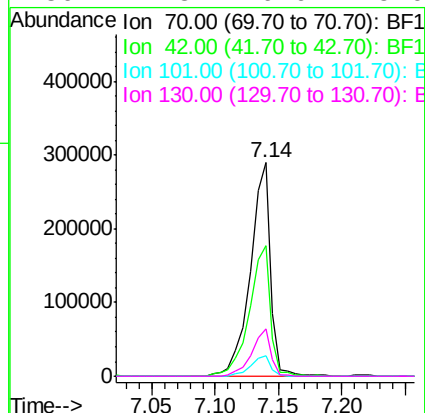
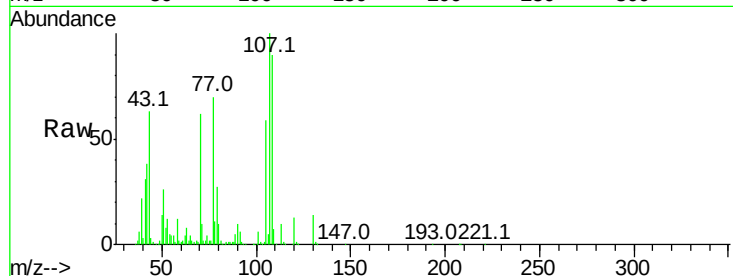




#19
n-Nitroso-di-n-propylamine
Concen: 38.646 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.01 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

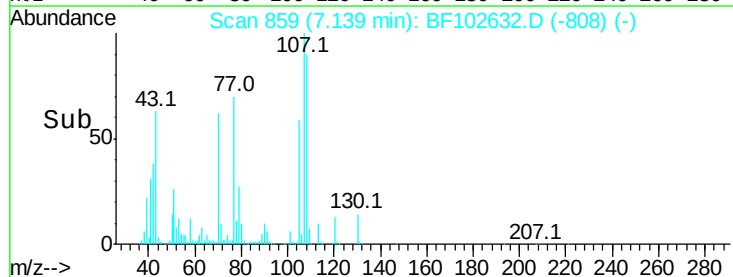
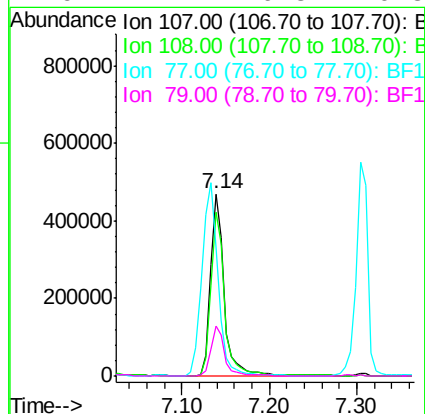
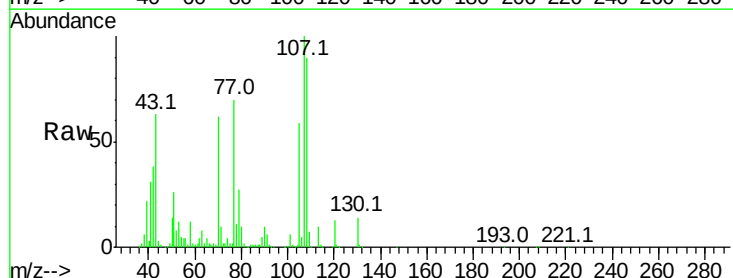
Instrument :
BNA_F
ClientSampleId :

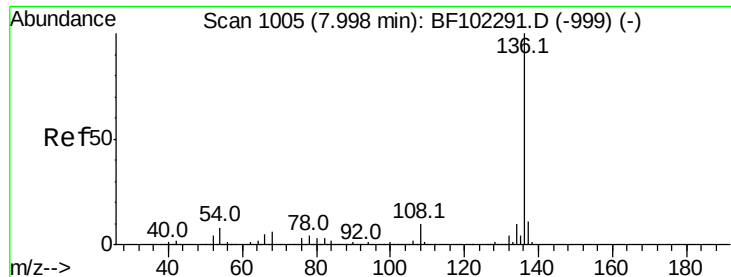
Tot Ion	Ratio	Lower	Upper
70	100		
42	60.9	47.5	71.3
101	9.6	7.4	11.2
130	22.3	16.6	25.0



#20
3+4-Methylphenols
Concen: 41.841 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.8	68.2	108.2
77	70.4	26.7	66.7#
79	27.2	6.3	46.3

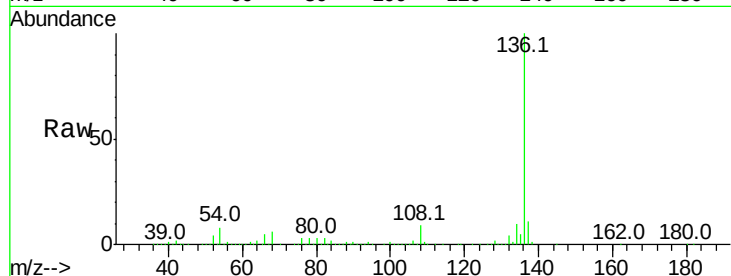




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	722432
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.9	13.3
54 8.1	6.6	9.8
68 5.6	5.0	7.4



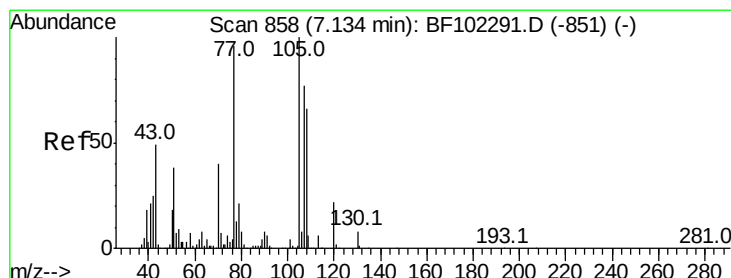
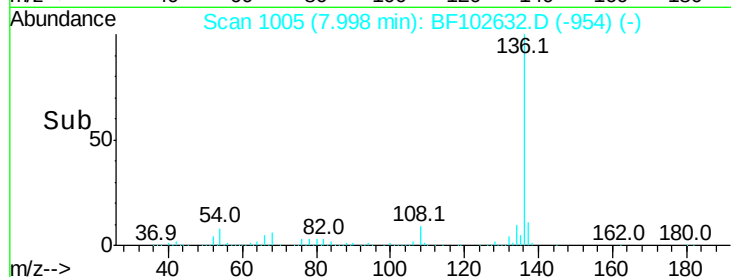
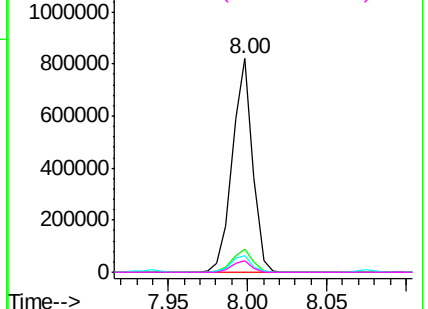
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

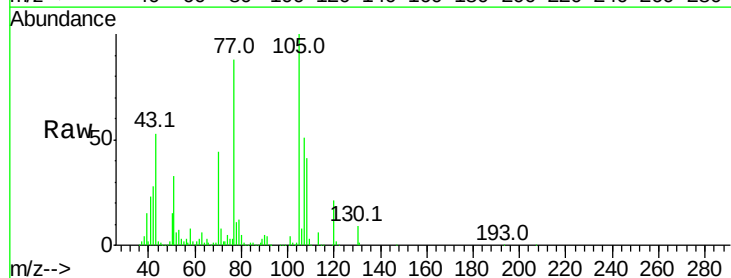
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 38.781 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

Tgt	Ion:105	Resp:	667866
Ion	Ratio	Lower	Upper
105	100		
71	7.8	4.4	6.6#
51	33.1	22.3	33.5
120	21.5	16.9	25.3



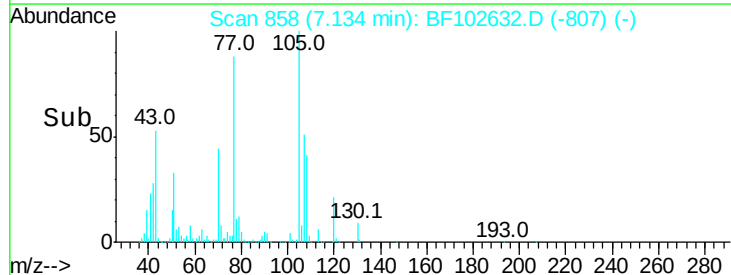
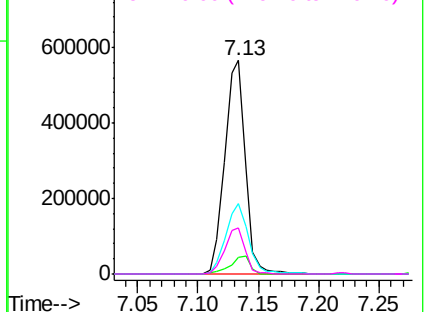
Abundance

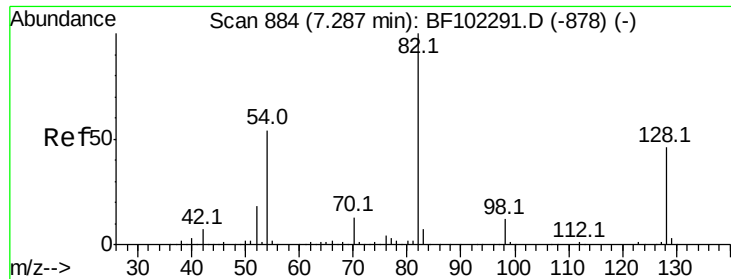
Ion 105.00 (104.70 to 105.70): E

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

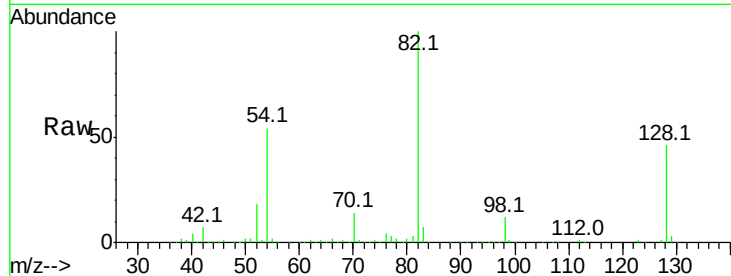




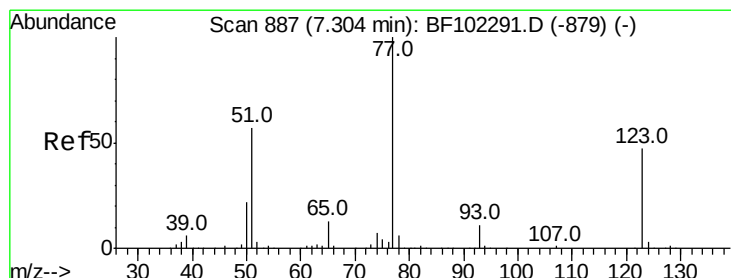
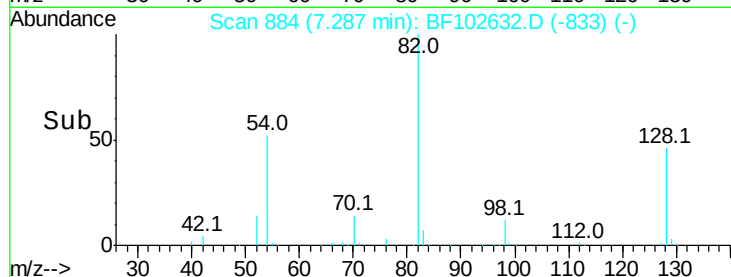
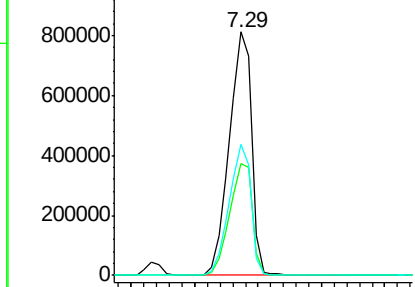
#23
Nitrobenzene-d5
Concen: 78.029 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 980918
Ion Ratio Lower Upper
82 100
128 46.1 36.1 54.1
54 53.9 41.4 62.2

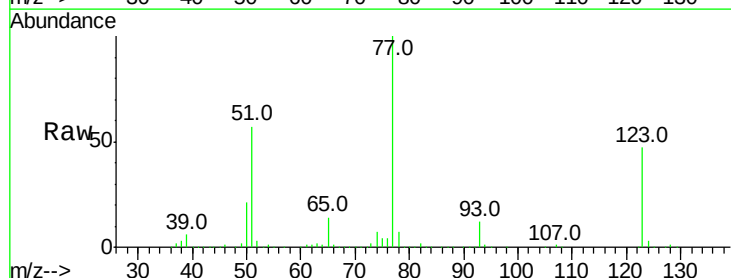


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

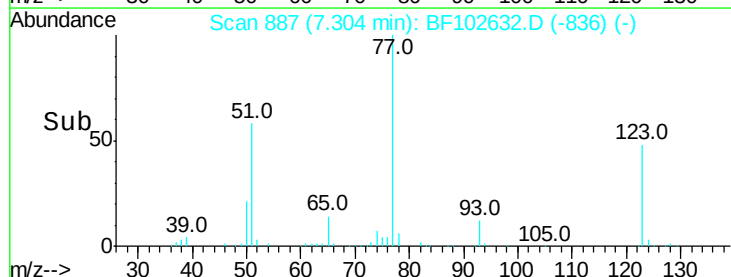
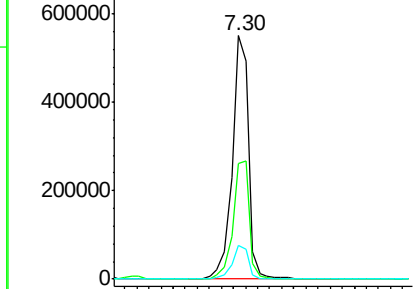


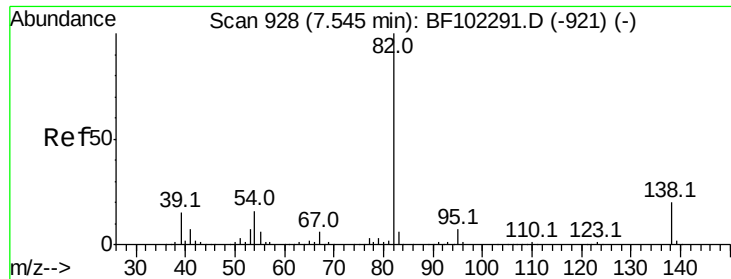
#24
Nitrobenzene
Concen: 39.692 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

Tgt Ion: 77 Resp: 510646
Ion Ratio Lower Upper
77 100
123 47.3 37.9 56.9
65 13.9 11.0 16.4



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

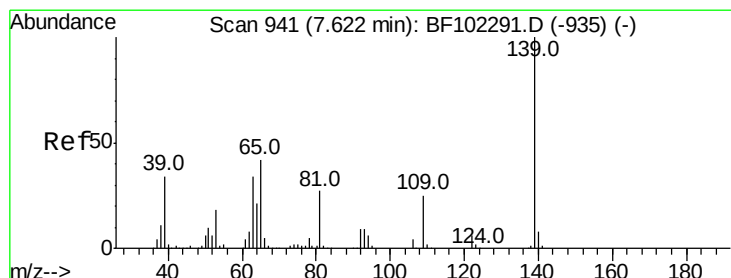
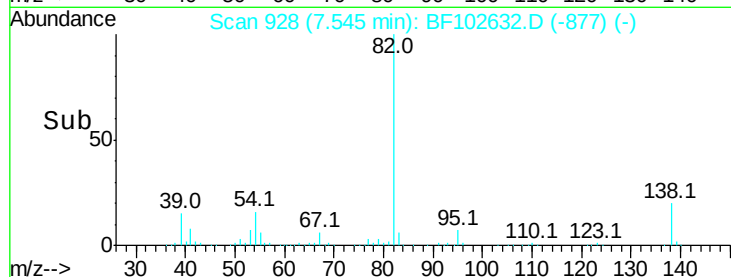
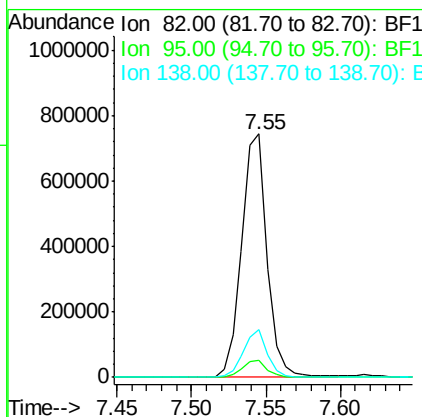
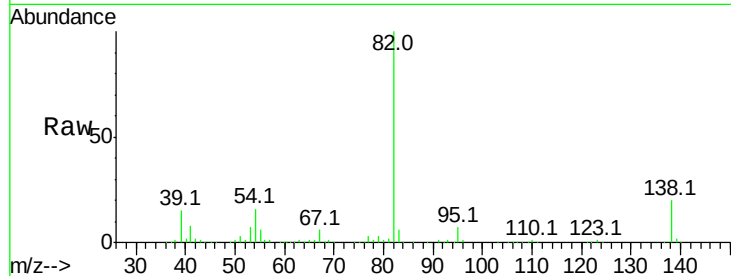




#25
Isophorone
Concen: 39.190 ng
RT: 7.55 min Scan# 928
Delta R.T. 0.00 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

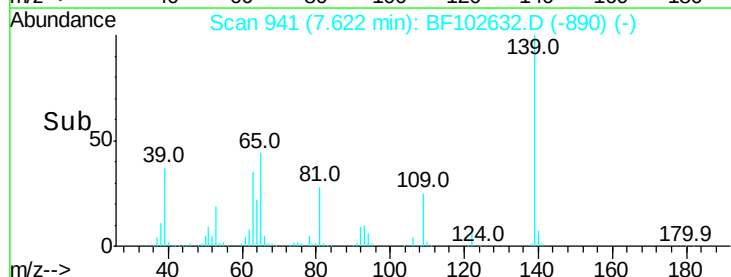
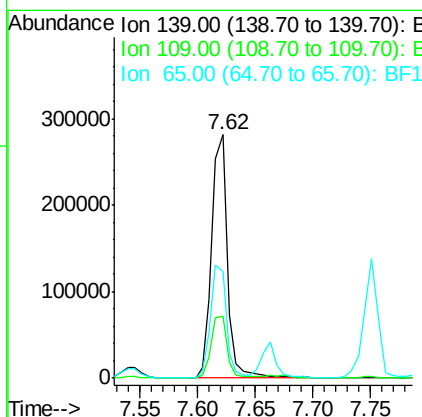
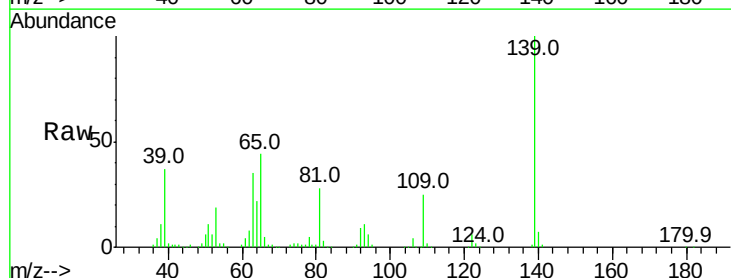
Instrument :
BNA_F
ClientSampleId :

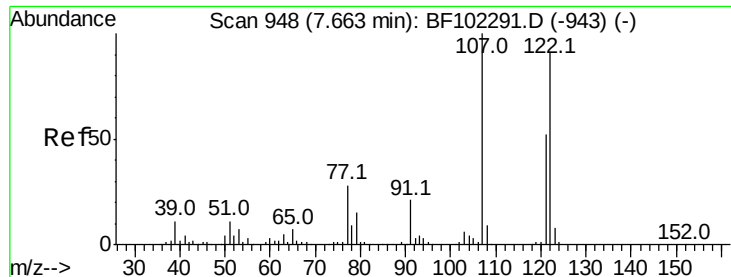
Tot Ion: 82 Resp: 878308
Ion Ratio Lower Upper
82 100
95 6.7 5.2 7.8
138 19.6 14.9 22.3



#26
2-Nitrophenol
Concen: 39.834 ng
RT: 7.62 min Scan# 941
Delta R.T. 0.00 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

Tgt Ion: 139 Resp: 269715
Ion Ratio Lower Upper
139 100
109 25.4 22.7 34.1
65 44.0 40.5 60.7

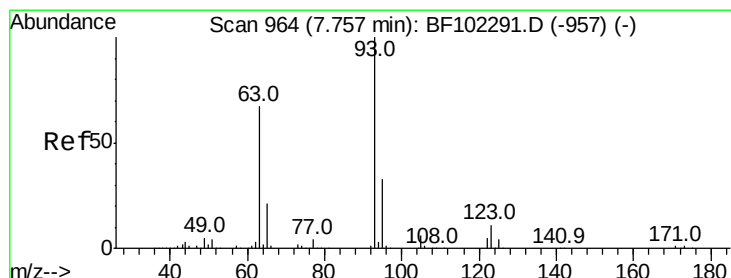
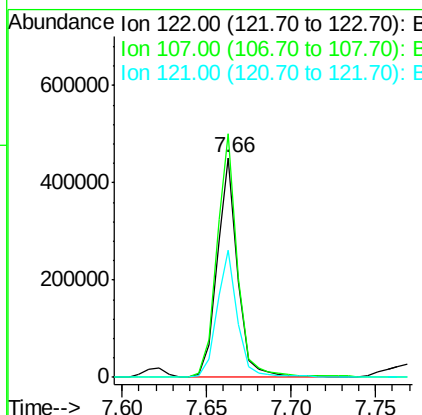
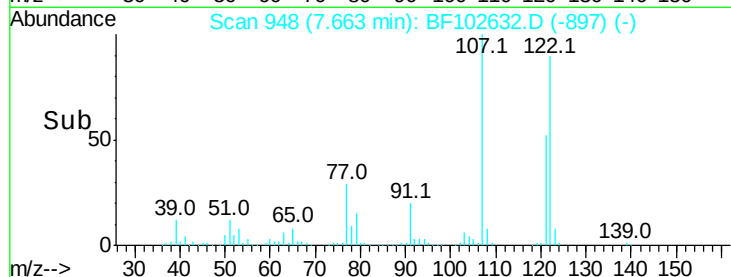
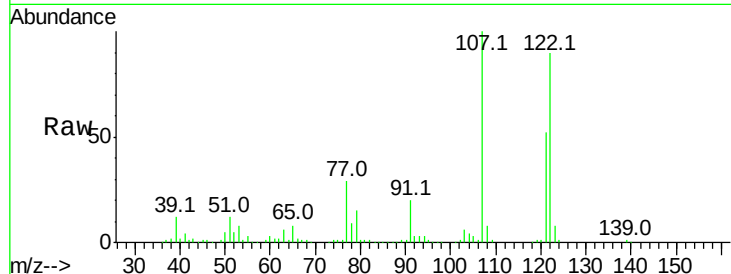




#27
 2,4-Dimethylphenol
 Concen: 38.802 ng
 RT: 7.66 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: BF102632.D
 Acq: 30 Jan 2018 11:53

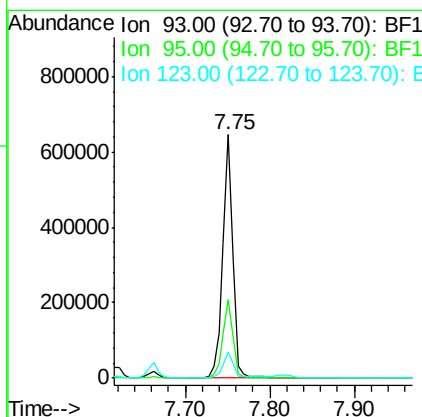
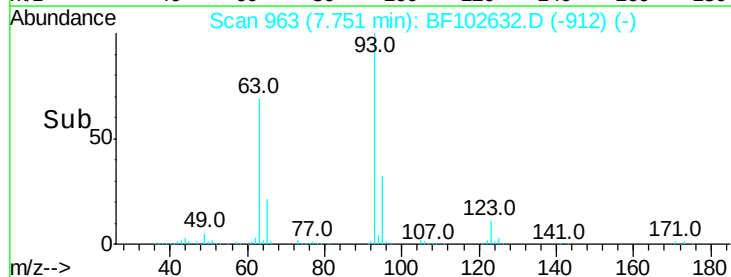
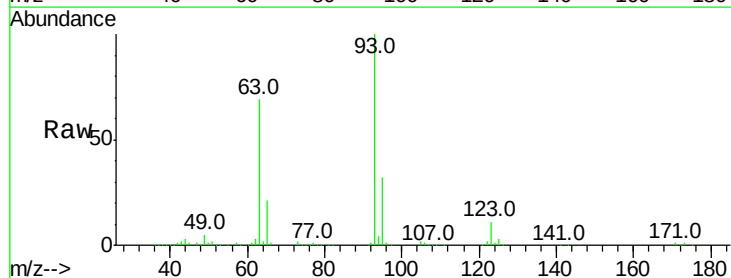
Instrument :
 BNA_F
 ClientSampleId :

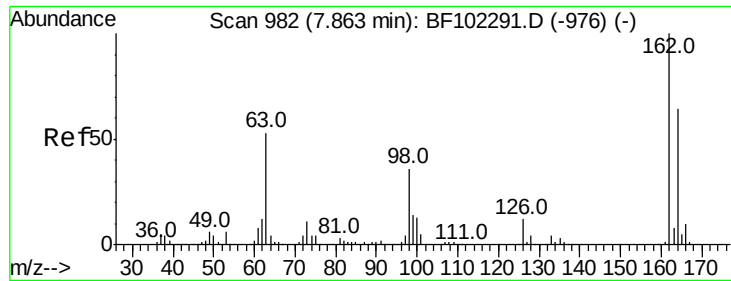
Tot Ion	Ratio	Lower	Upper
122	100		
107	111.0	91.2	136.8
121	58.1	47.2	70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.482 ng
 RT: 7.75 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BF102632.D
 Acq: 30 Jan 2018 11:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.3	39.5
123	10.9	9.8	14.6

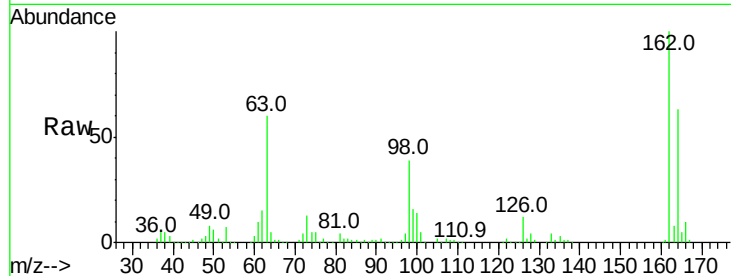




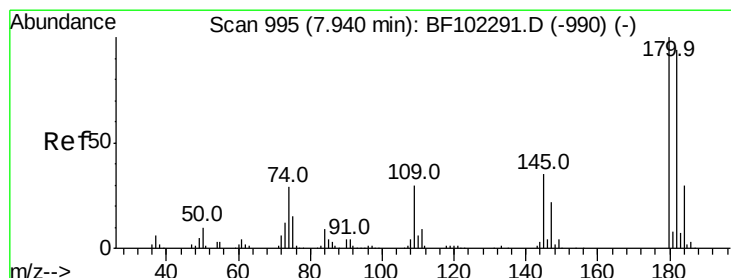
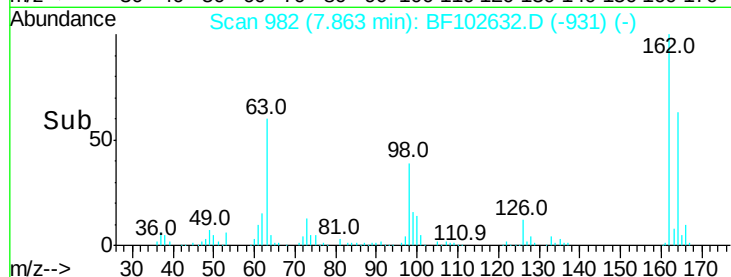
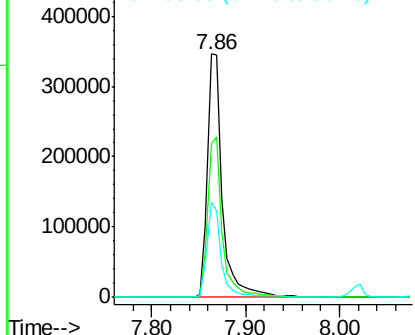
#29
 2,4-Dichlorophenol
 Concen: 39.149 ng
 RT: 7.86 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: BF102632.D
 Acq: 30 Jan 2018 11:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	42.7	82.7
98	39.1	18.1	58.1

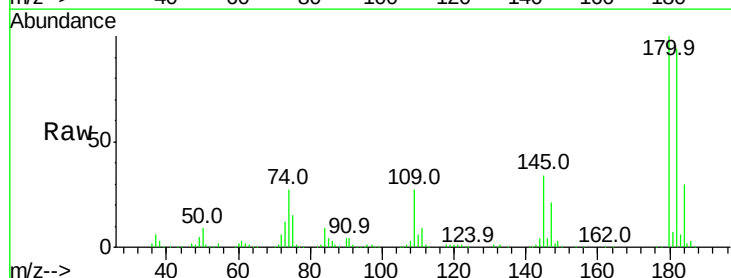


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

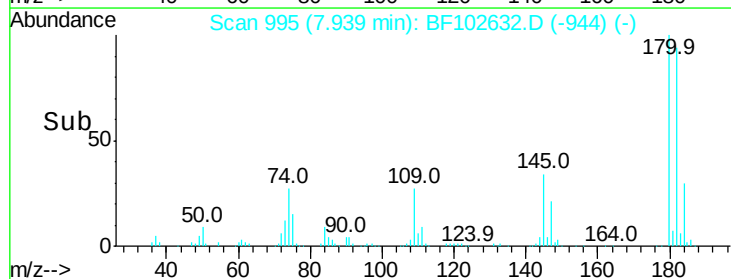
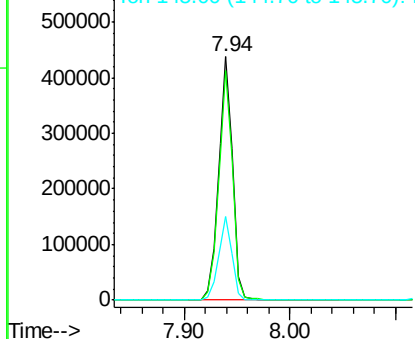


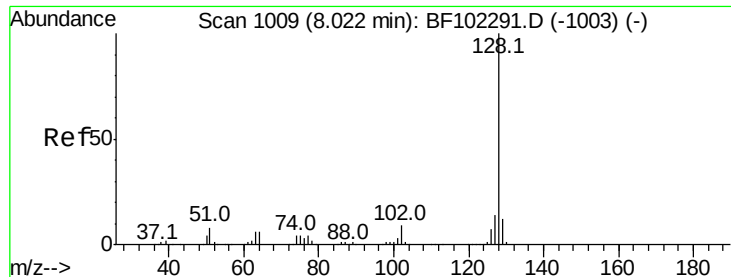
#30
 1,2,4-Trichlorobenzene
 Concen: 38.176 ng
 RT: 7.94 min Scan# 995
 Delta R.T. 0.00 min
 Lab File: BF102632.D
 Acq: 30 Jan 2018 11:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.8	115.2
145	34.2	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

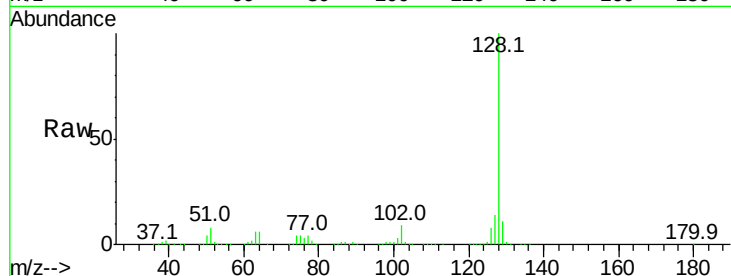




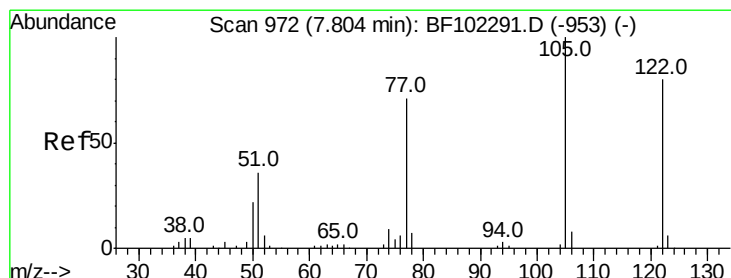
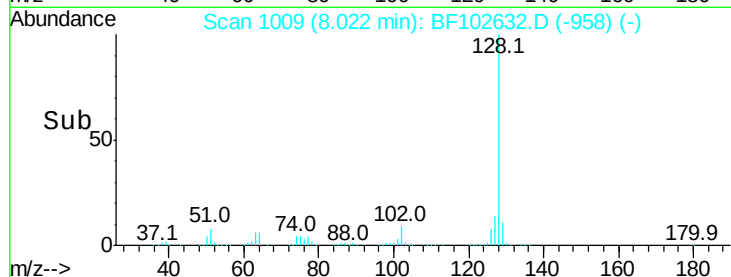
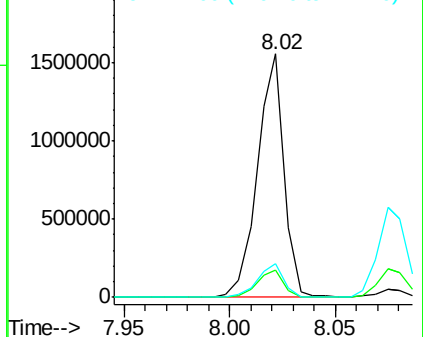
#31
Naphthalene
Concen: 37.781 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1362760
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.6 10.9 16.3

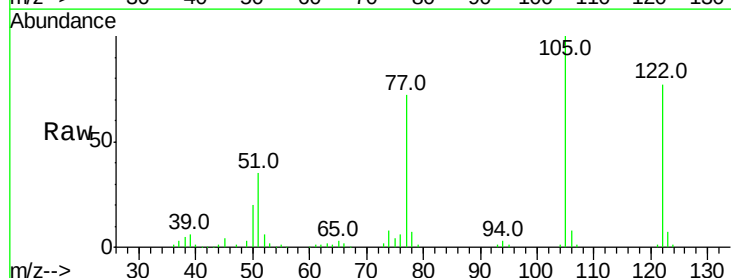


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

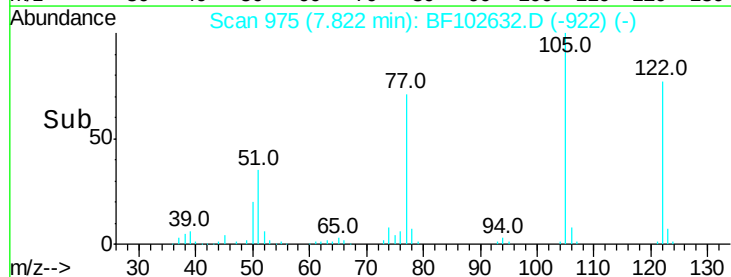
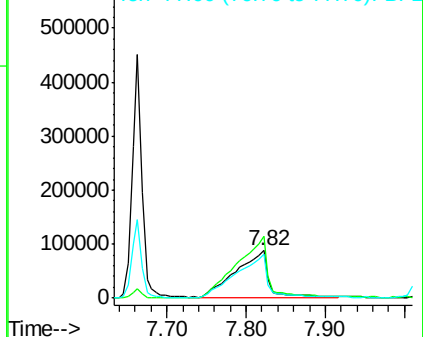


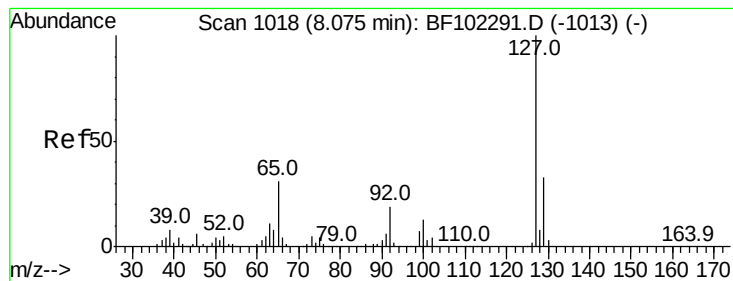
#32
Benzoic acid
Concen: 30.479 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.01 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

Tgt Ion:122 Resp: 251067
Ion Ratio Lower Upper
122 100
105 129.8 101.1 141.1
77 93.1 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: 39.623 ng

RT: 8.07 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 600991

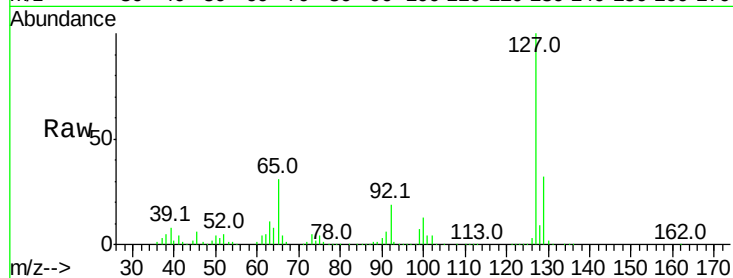
Ion Ratio Lower Upper

127 100

129 32.2 25.9 38.9

65 31.2 25.0 37.4

92 19.2 15.2 22.8

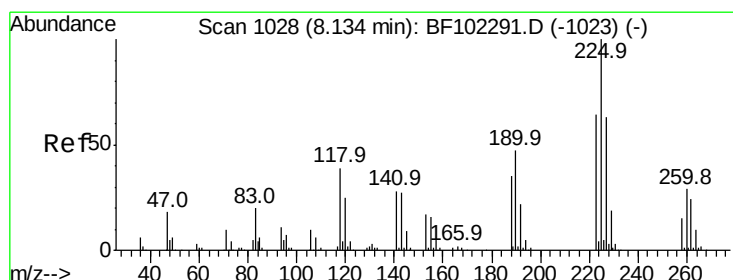
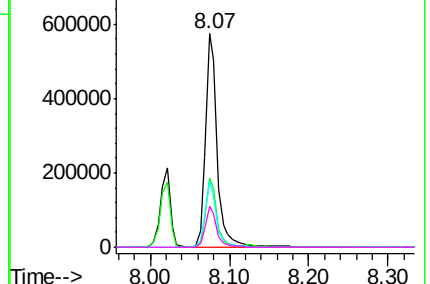
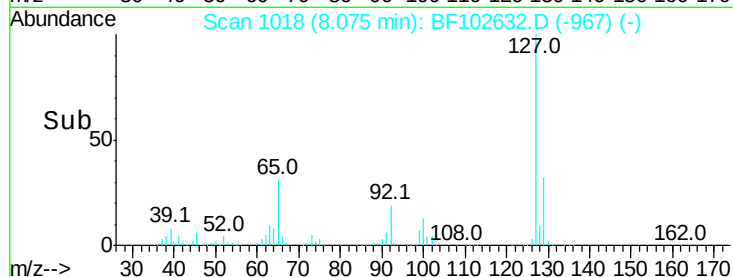


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 38.004 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

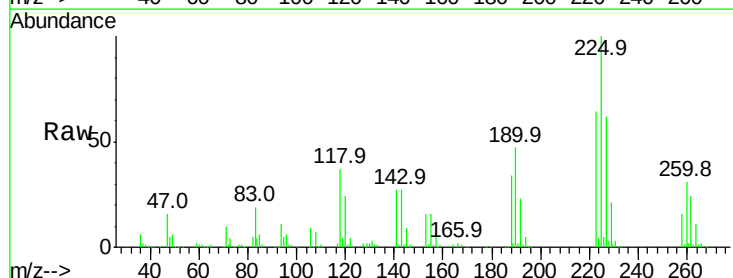
Tgt Ion:225 Resp: 217910

Ion Ratio Lower Upper

225 100

223 63.9 50.6 76.0

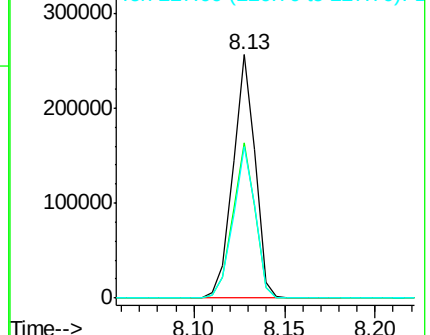
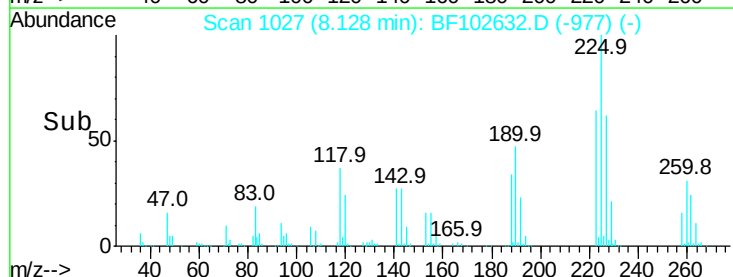
227 62.0 51.9 77.9

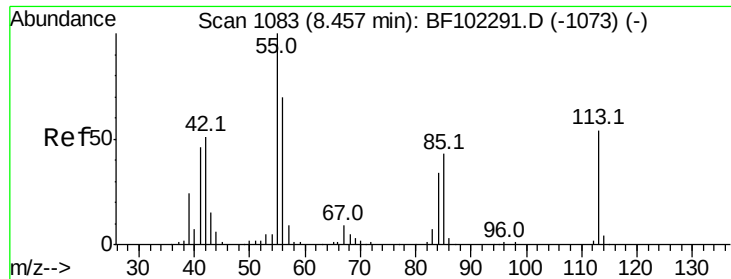


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 27.919 ng

RT: 8.46 min Scan# 1084

Delta R.T. 0.01 min

Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

Instrument :

BNA_F

ClientSampled :

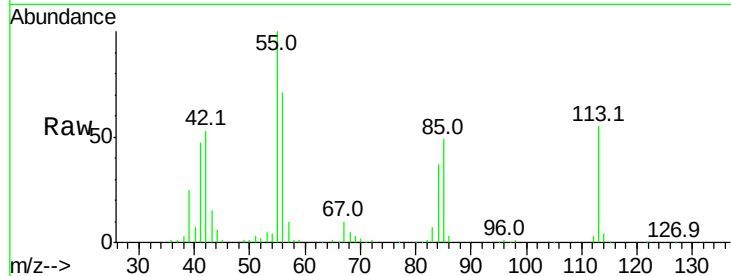
Tot Ion:113 Resp: 92344

Ion Ratio Lower Upper

113 100

55 182.5 163.3 203.3

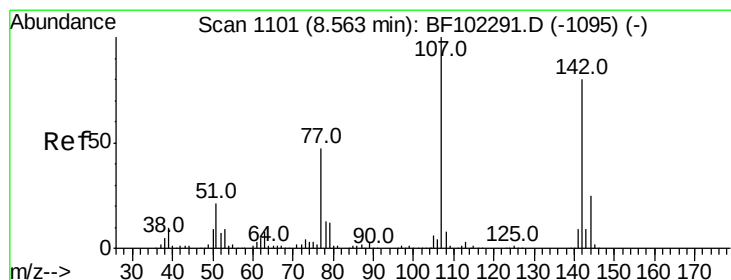
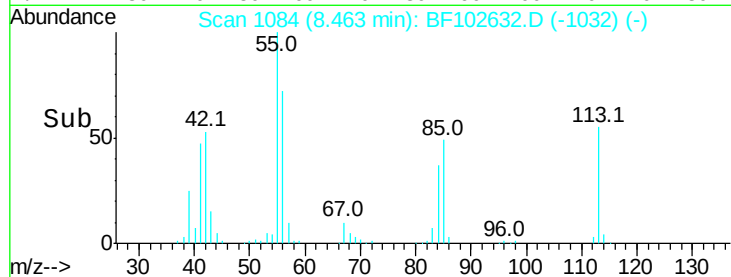
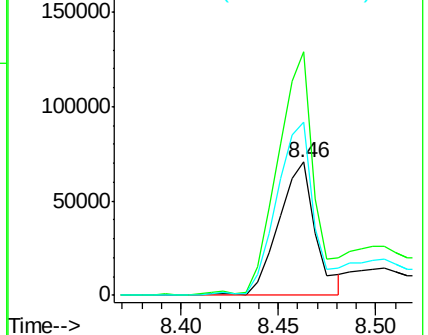
56 130.2 115.7 155.7



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: 39.198 ng

RT: 8.57 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

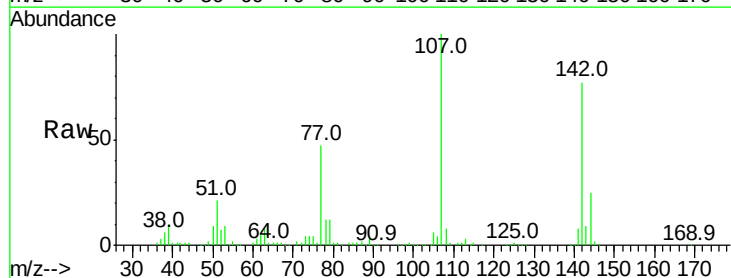
Tgt Ion:107 Resp: 413795

Ion Ratio Lower Upper

107 100

144 25.4 20.5 30.7

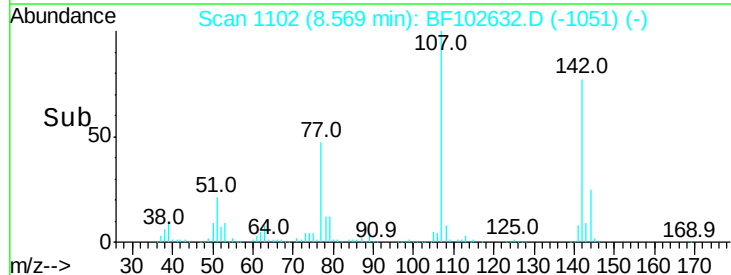
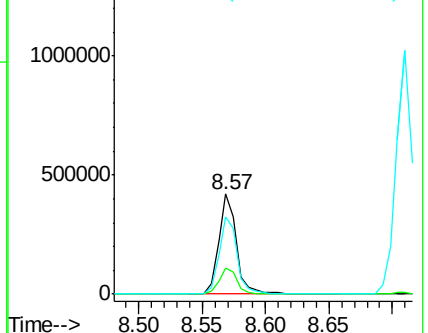
142 77.2 62.0 93.0

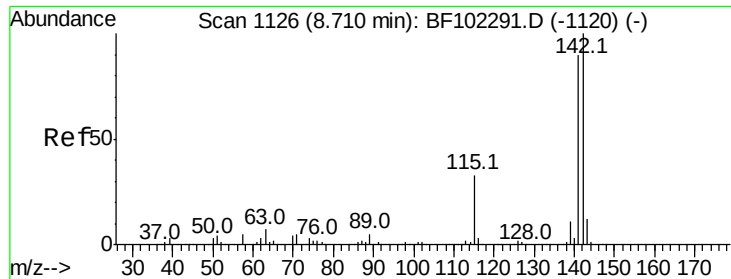


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

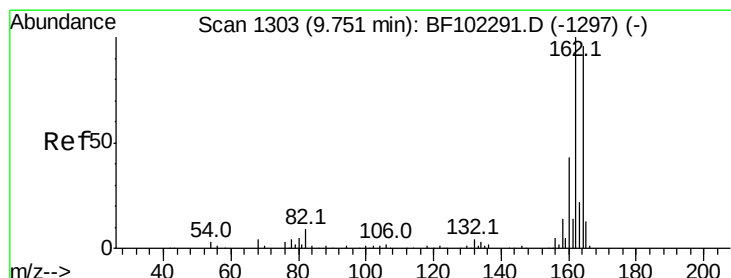
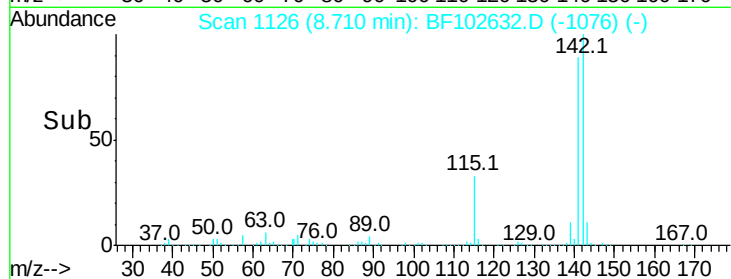
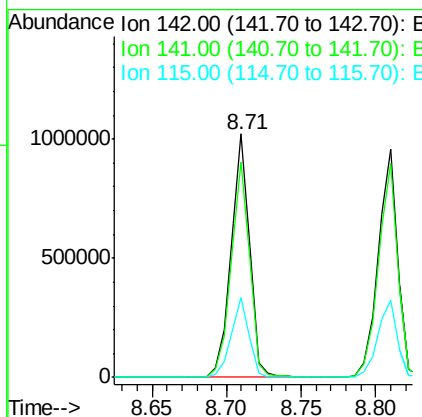
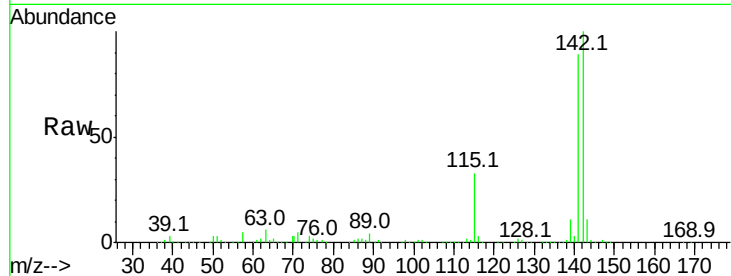




#37
2-Methylnaphthalene
Concen: 37.615 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

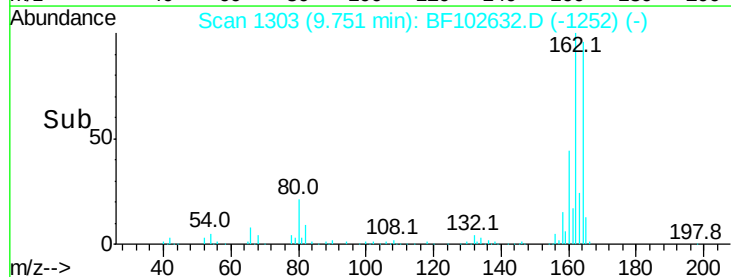
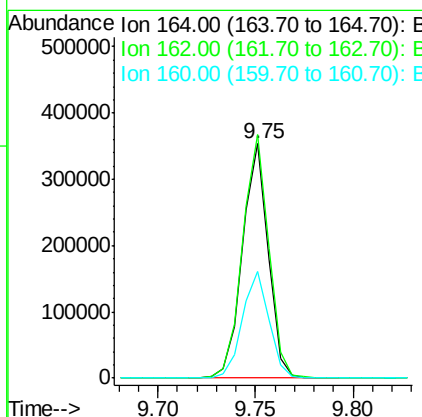
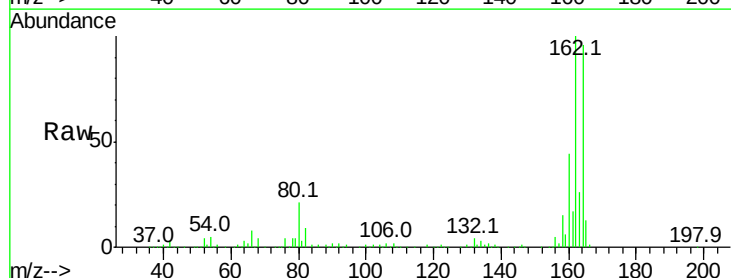
Instrument :
BNA_F
ClientSampleId :

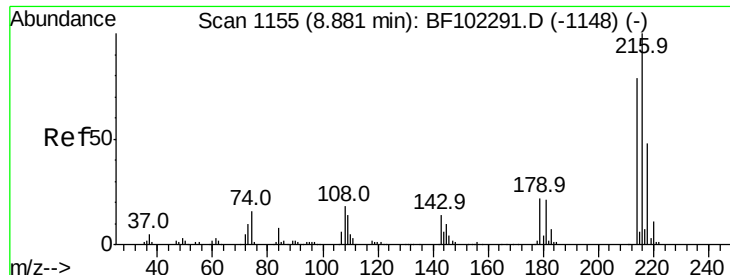
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.8	106.2
115	32.7	26.1	39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	45.5	38.3	57.5

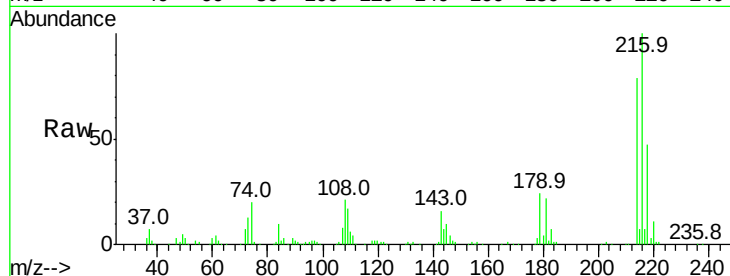




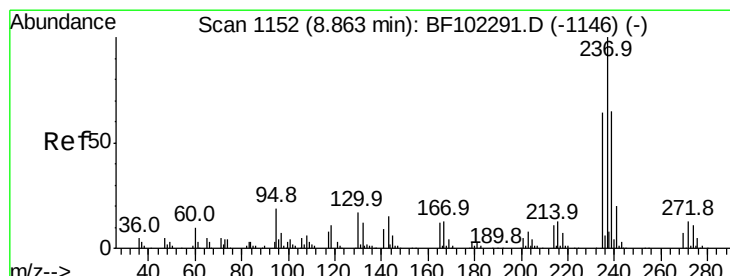
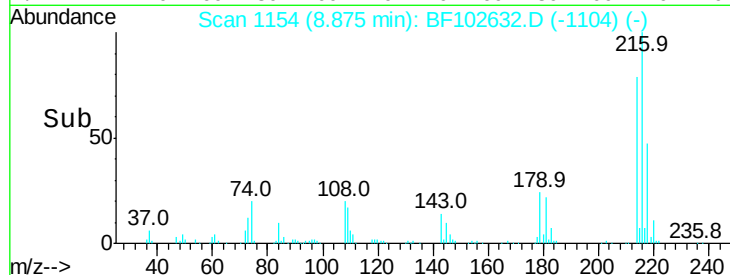
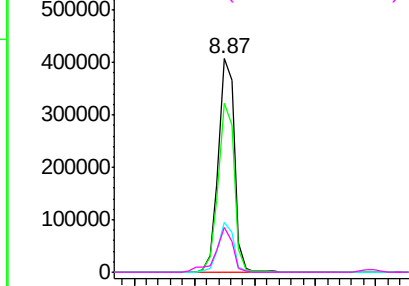
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.221 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF102632.D
 Acq: 30 Jan 2018 11:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	371441
Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.0	94.4
179	22.4	18.1	27.1
108	21.6	17.2	25.8

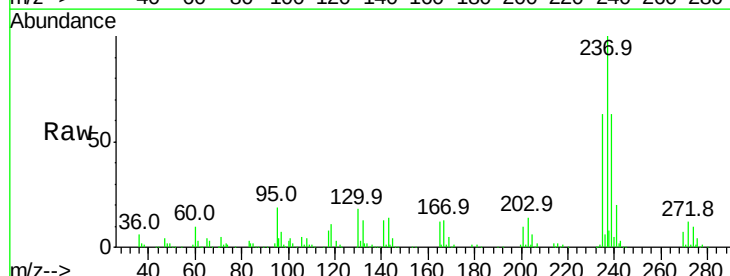


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

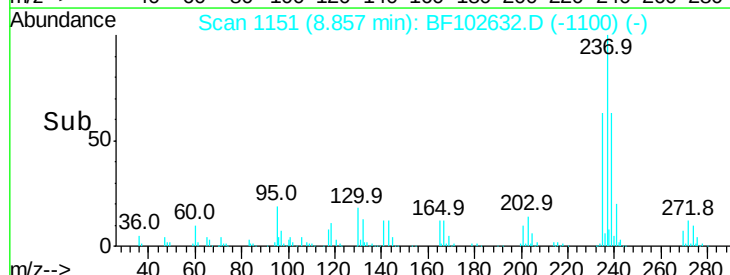
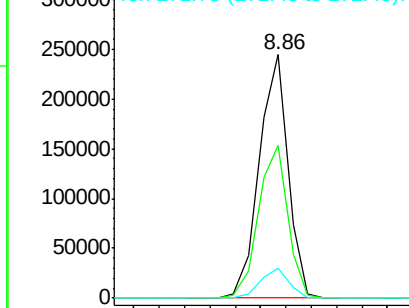


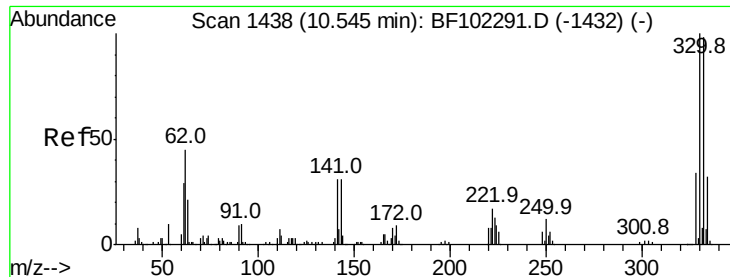
#40
 Hexachlorocyclopentadiene
 Concen: 44.718 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF102632.D
 Acq: 30 Jan 2018 11:53

Tgt Ion:	237	Resp:	194487
Ion	Ratio	Lower	Upper
237	100		
235	62.5	44.8	84.8
272	12.4	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

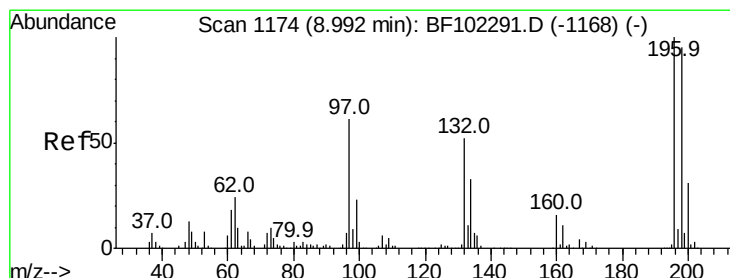
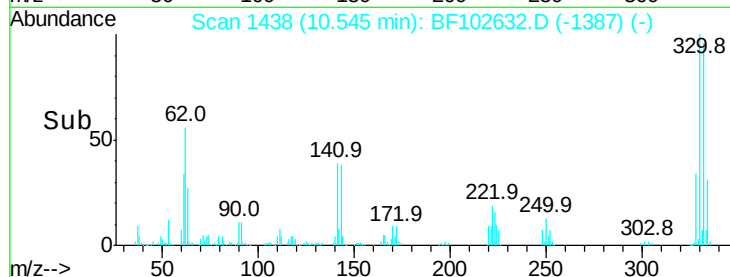
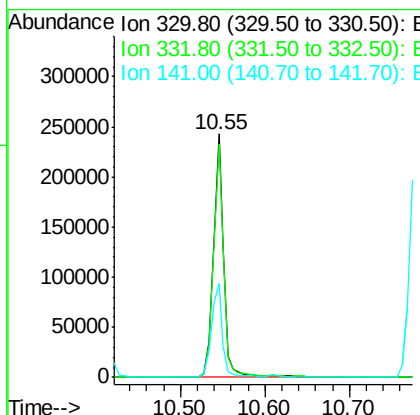
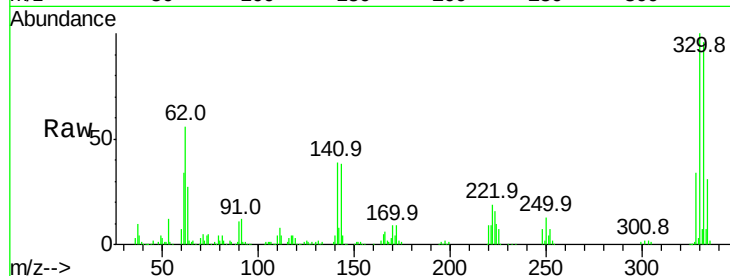




#41
 2,4,6-Tribromophenol
 Concen: 67.371 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF102632.D
 Acq: 30 Jan 2018 11:53

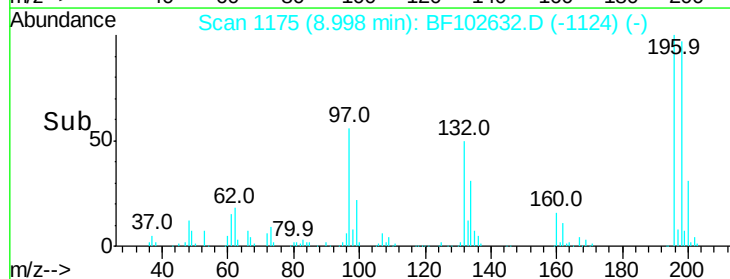
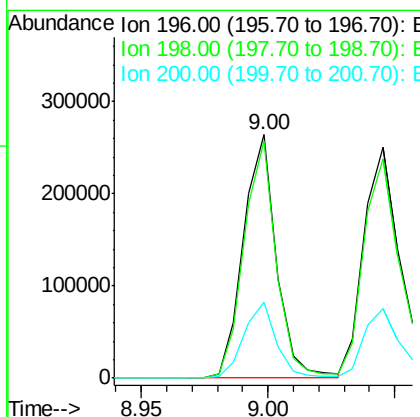
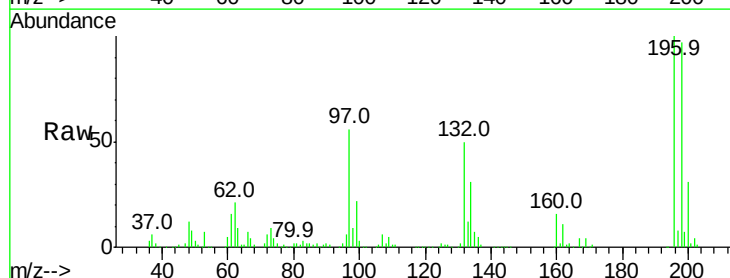
Instrument :
 BNA_F
 ClientSampleId :

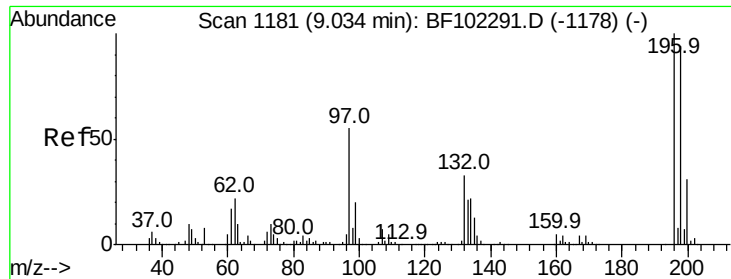
Tot Ion:330 Resp: 215630
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 40.2 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 36.955 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF102632.D
 Acq: 30 Jan 2018 11:53

Tgt Ion:196 Resp: 240415
 Ion Ratio Lower Upper
 196 100
 198 97.3 75.7 113.5
 200 31.0 24.5 36.7

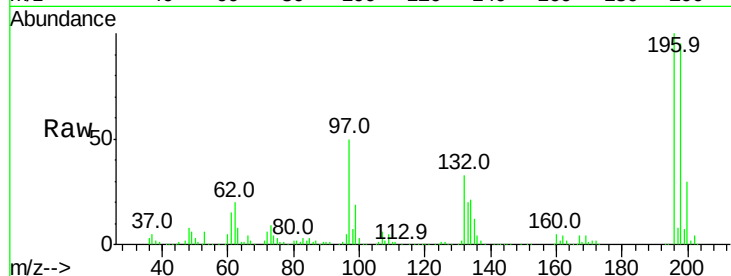




#43
 2,4,5-Trichlorophenol
 Concen: 36.671 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF102632.D
 Acq: 30 Jan 2018 11:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.1	74.6	112.0
97	50.0	42.9	64.3
132	32.5	26.3	39.5



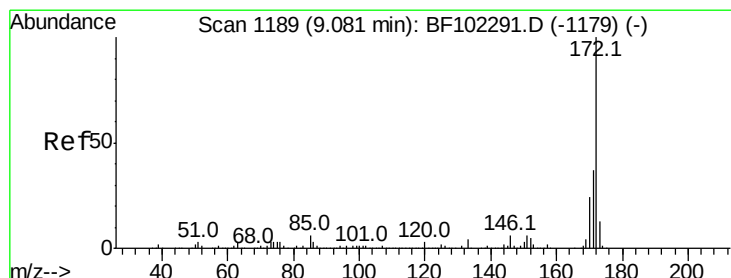
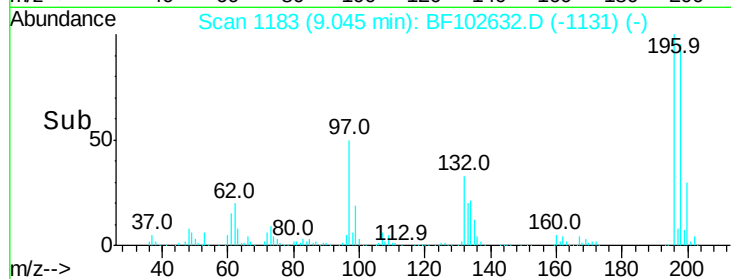
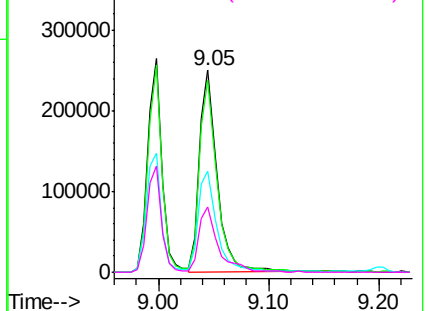
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

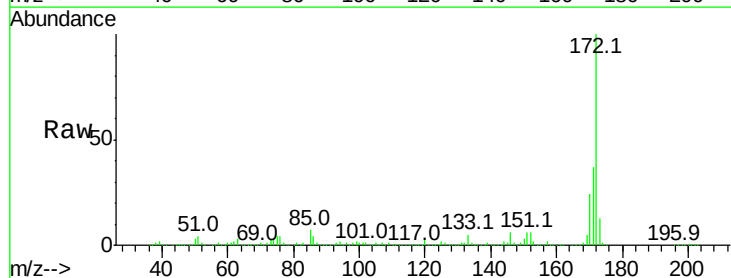
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 73.736 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF102632.D
 Acq: 30 Jan 2018 11:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.4	19.6	29.4

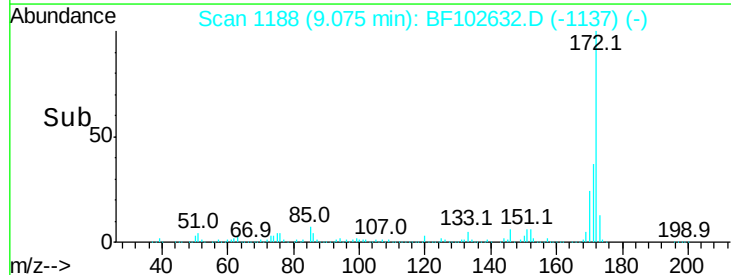
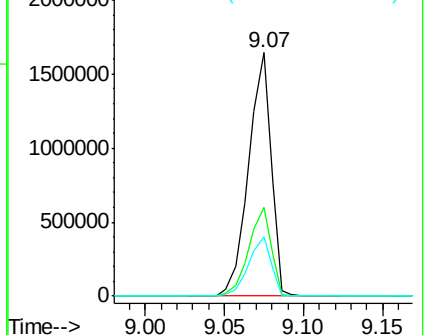


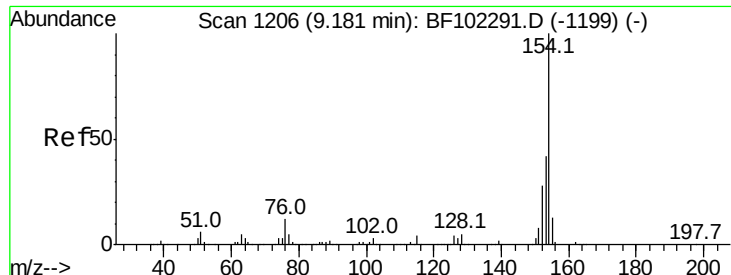
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



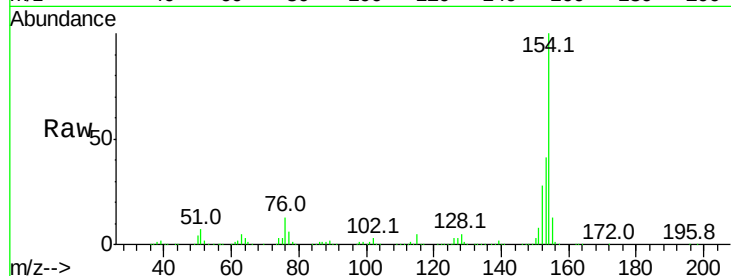


#45
 1,1'-Biphenyl
 Concen: 37.747 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF102632.D
 Acq: 30 Jan 2018 11:53

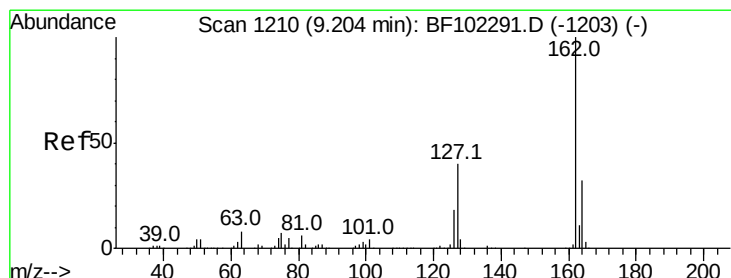
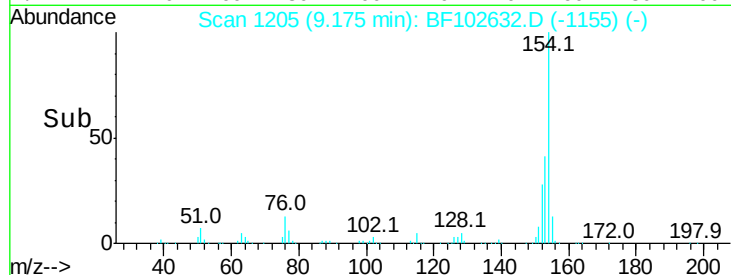
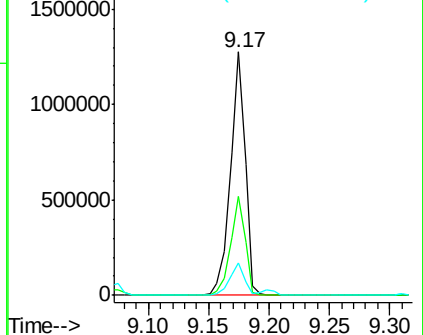
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1090233

Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.3	61.3
76	13.4	0.0	34.0



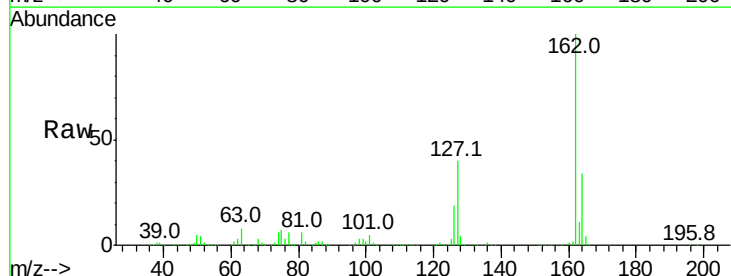
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1



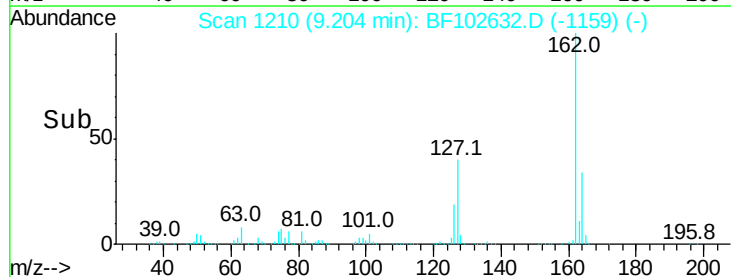
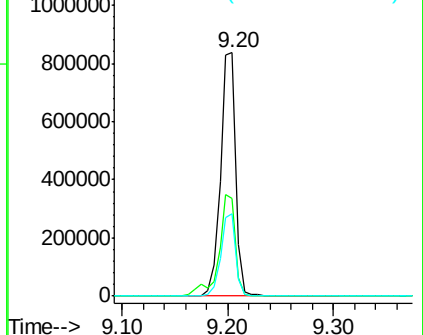
#46
 2-Chloronaphthalene
 Concen: 37.707 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BF102632.D
 Acq: 30 Jan 2018 11:53

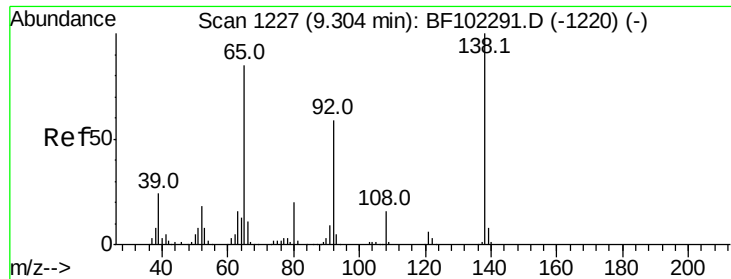
Tgt Ion:162 Resp: 846525

Ion	Ratio	Lower	Upper
162	100		
127	39.9	33.9	50.9
164	34.0	26.5	39.7



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

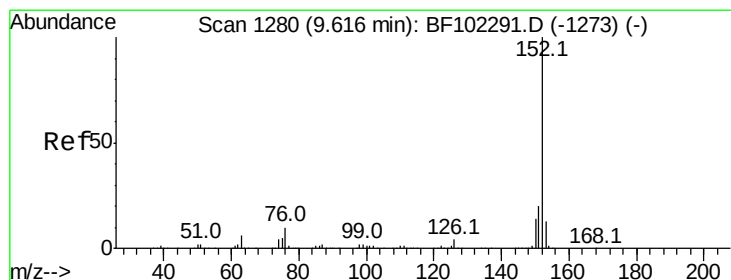
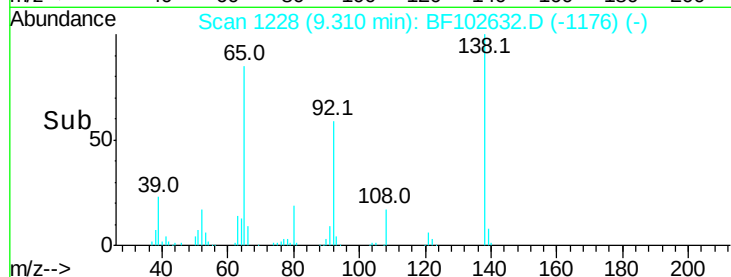
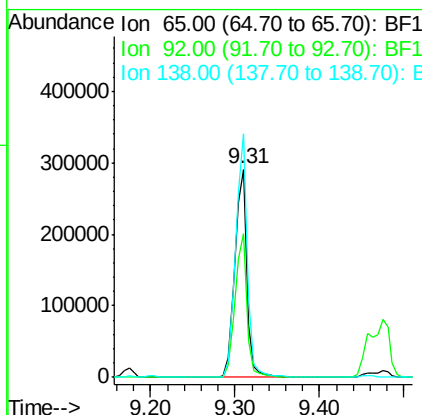
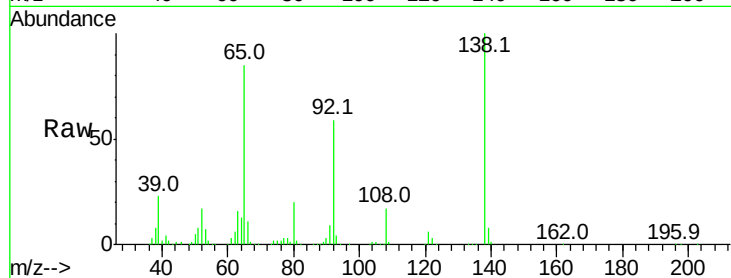




#47
2-Nitroaniline
Concen: 40.731 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.01 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

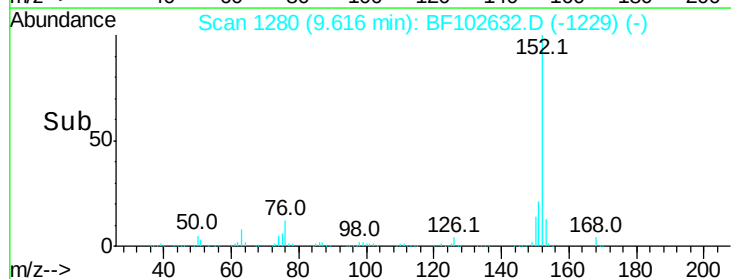
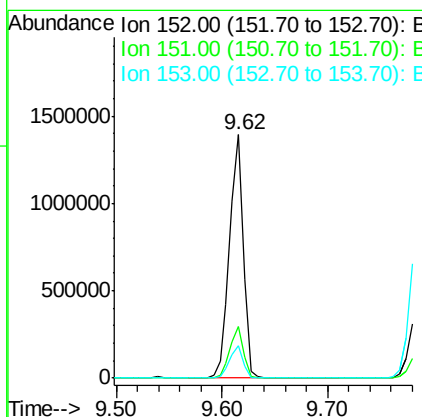
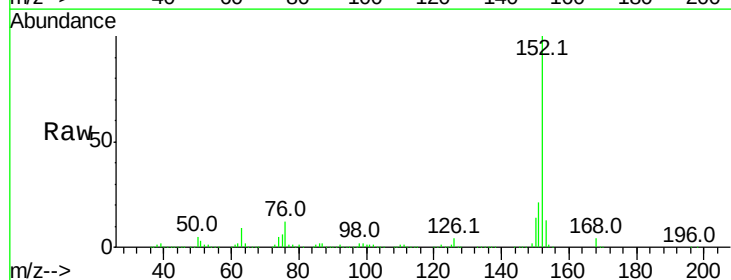
Instrument :
BNA_F
ClientSampled :

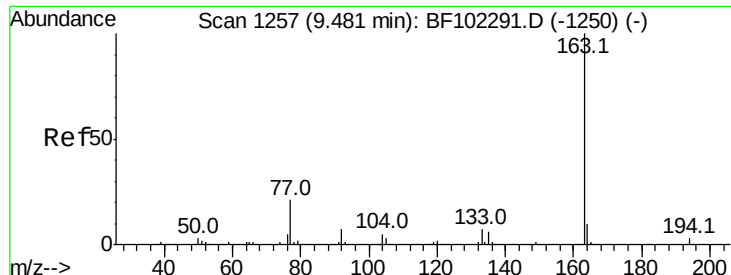
Tot Ion: 65 Resp: 285083
Ion Ratio Lower Upper
65 100
92 69.0 55.8 83.6
138 117.0 91.2 136.8



#48
Acenaphthylene
Concen: 36.085 ng
RT: 9.62 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

Tgt Ion: 152 Resp: 1262100
Ion Ratio Lower Upper
152 100
151 21.3 16.3 24.5
153 13.4 10.7 16.1

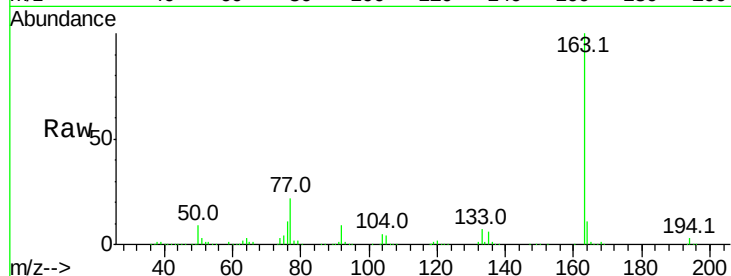




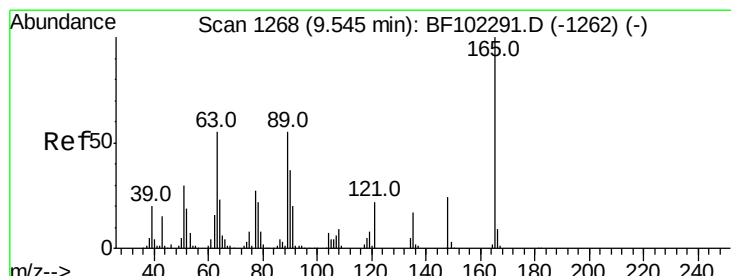
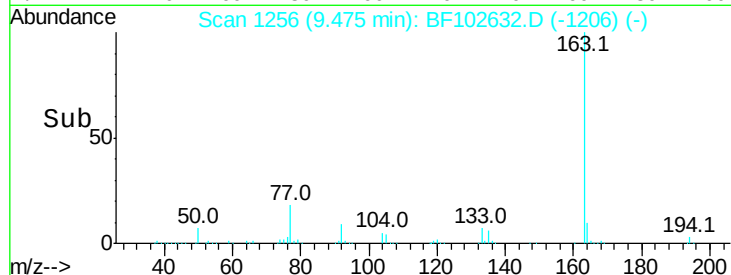
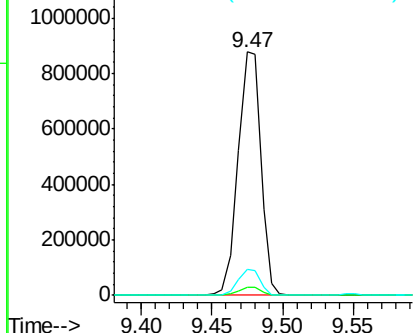
#49
Dimethylphthalate
Concen: 37.155 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.6	8.2	12.2

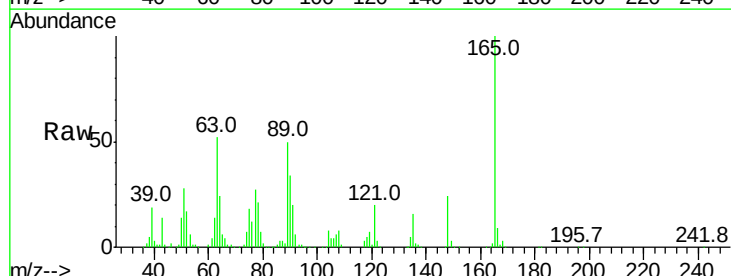


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

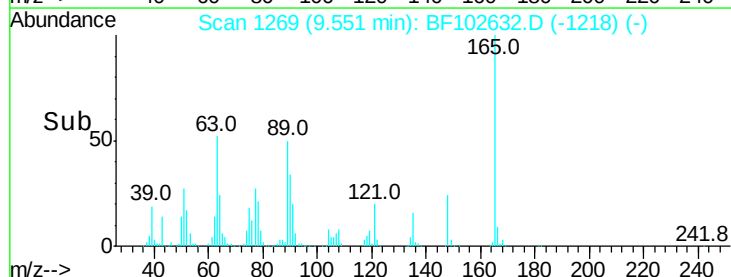
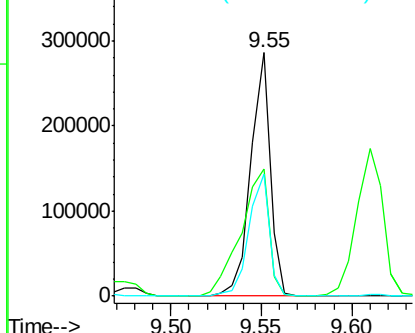


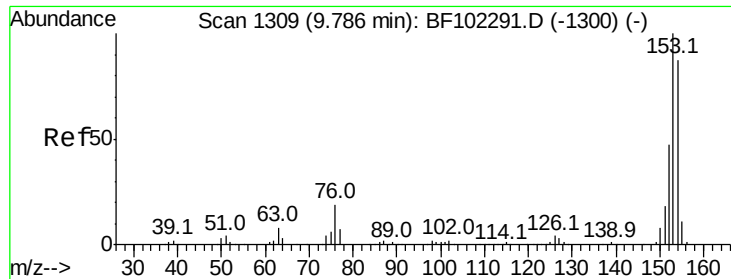
#50
2,6-Dinitrotoluene
Concen: 37.480 ng
RT: 9.55 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

Tgt Ion	Ratio	Lower	Upper
165	100		
63	52.1	44.7	67.1
89	50.0	44.0	66.0



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





#51

Acenaphthene

Concen: 36.673 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

Instrument :

BNA_F

ClientSampleId :

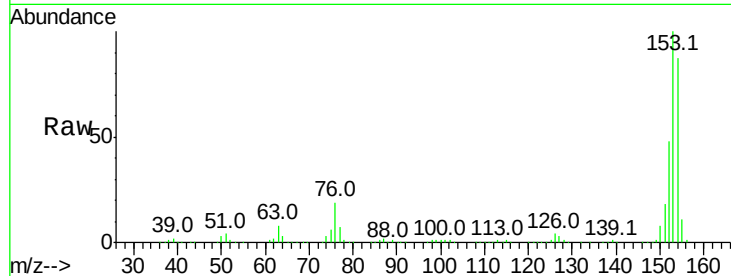
Tot Ion:154 Resp: 749126

Ion Ratio Lower Upper

154 100

153 115.4 91.2 136.8

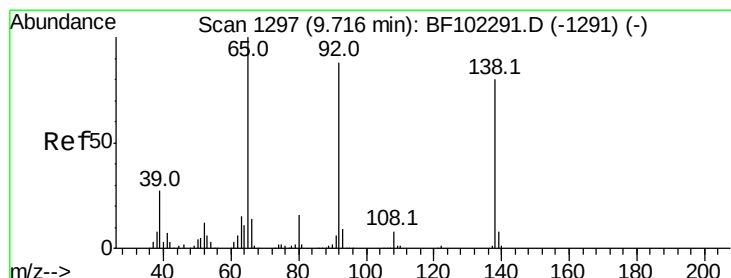
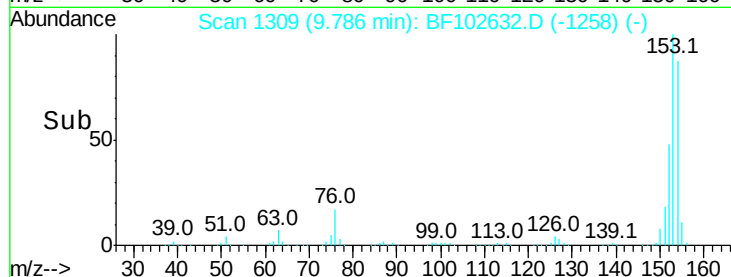
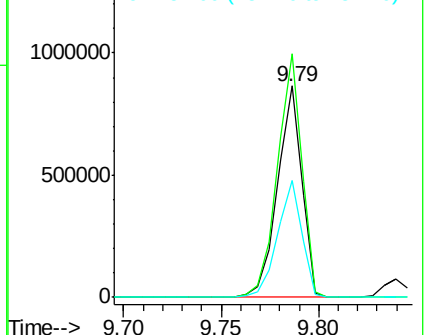
152 55.1 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 39.221 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

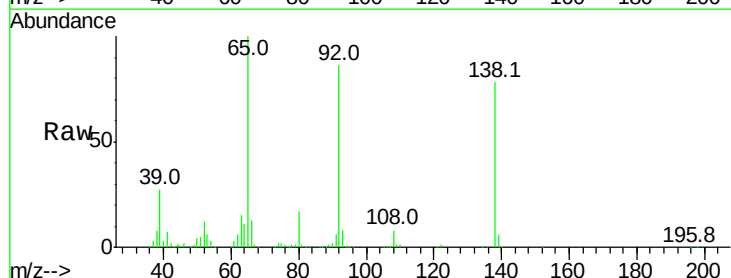
Tgt Ion:138 Resp: 267084

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.0

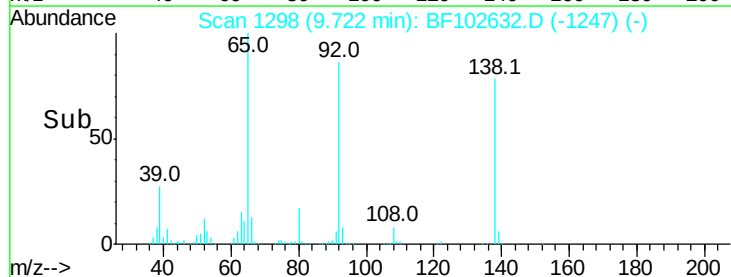
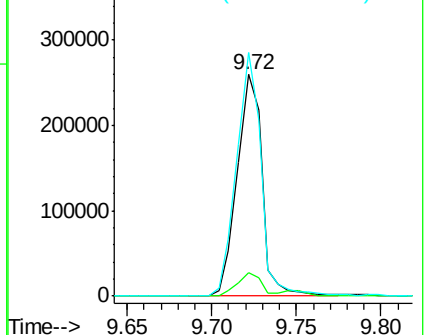
92 109.9 89.4 134.2

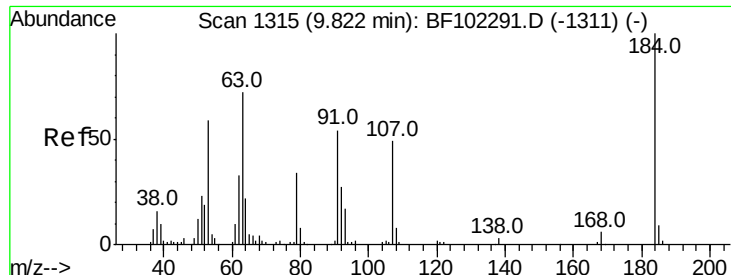


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

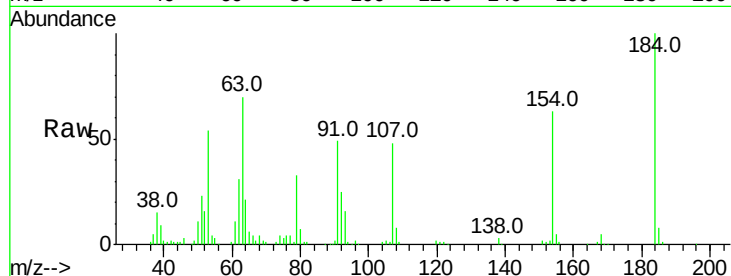




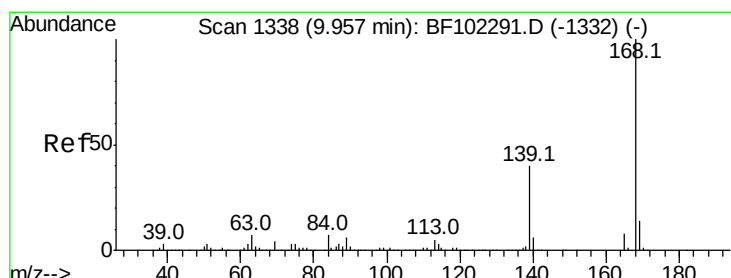
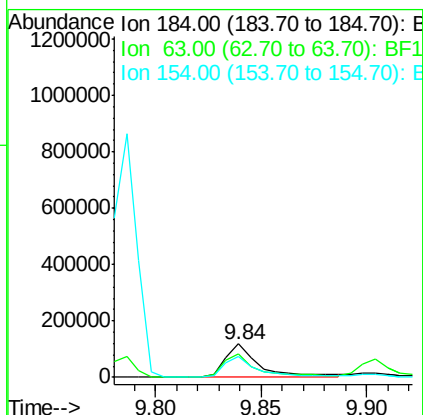
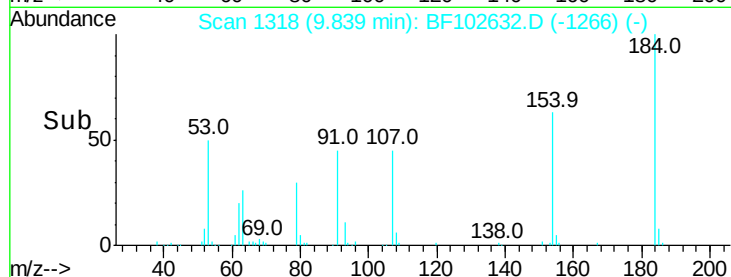
#53
 2,4-Dinitrophenol
 Concen: 52.629 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.01 min
 Lab File: BF102632.D
 Acq: 30 Jan 2018 11:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 132504
 Ion Ratio Lower Upper
 184 100
 63 69.8 54.2 81.2
 154 62.9 184.0 276.0#

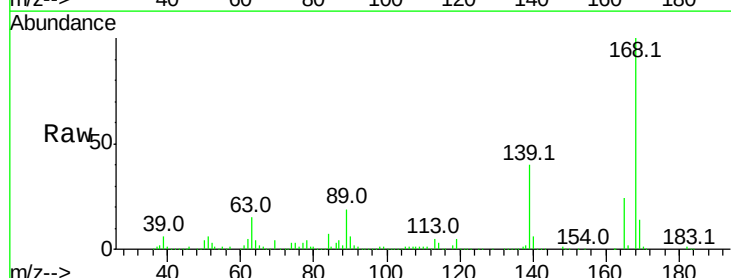


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

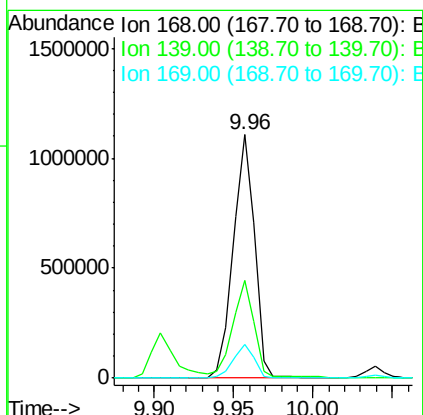
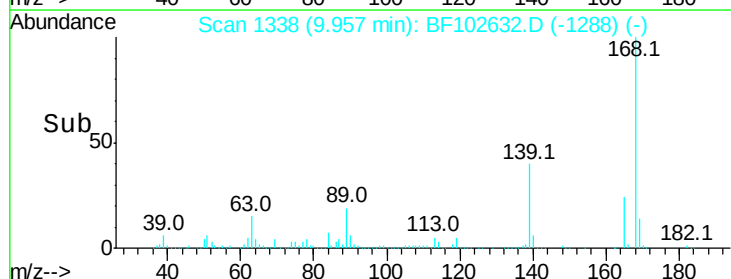


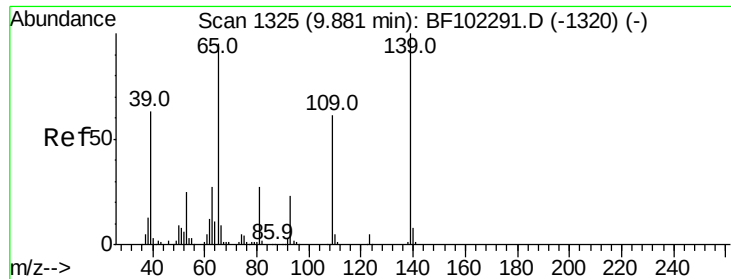
#54
 Dibenzofuran
 Concen: 37.352 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF102632.D
 Acq: 30 Jan 2018 11:53

Tgt Ion:168 Resp: 1032606
 Ion Ratio Lower Upper
 168 100
 139 39.9 30.1 45.1
 169 13.7 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: 47.247 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.01 min

Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

Instrument :

BNA_F

ClientSampled :

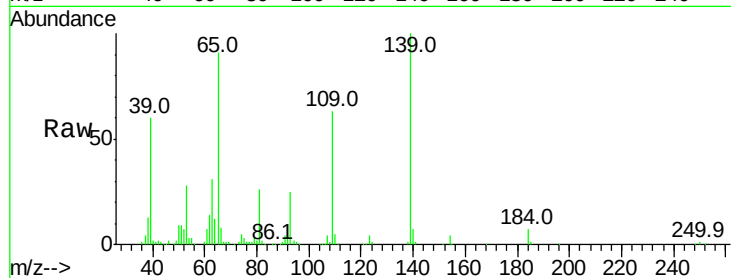
Tot Ion:139 Resp: 212380

Ion Ratio Lower Upper

139 100

109 62.6 48.4 88.4

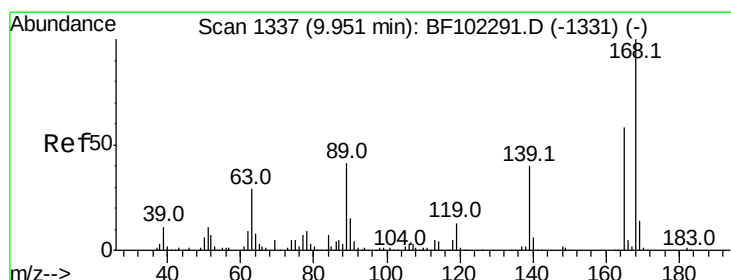
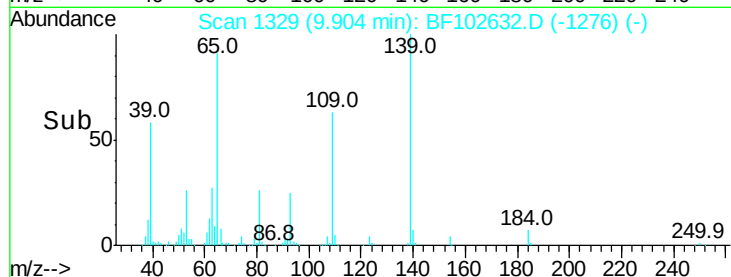
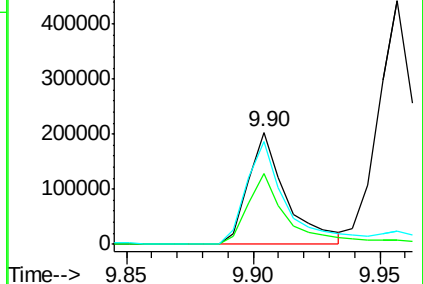
65 91.4 72.6 112.6



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: 36.540 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

Tgt Ion:165 Resp: 258660

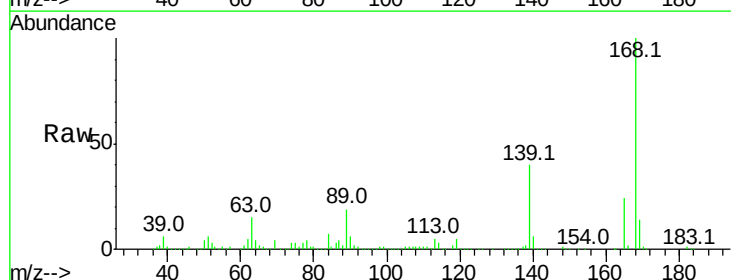
Ion Ratio Lower Upper

165 100

63 65.5 36.4 54.6#

89 80.8 57.8 86.6

182 2.3 1.6 2.4

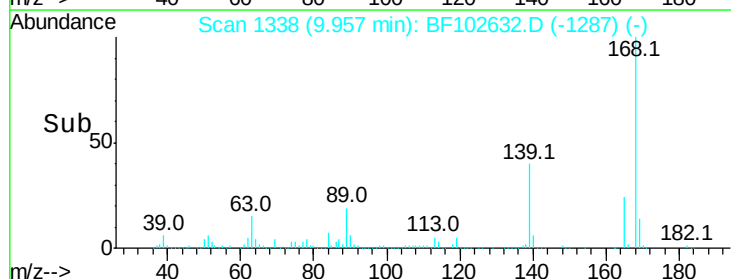
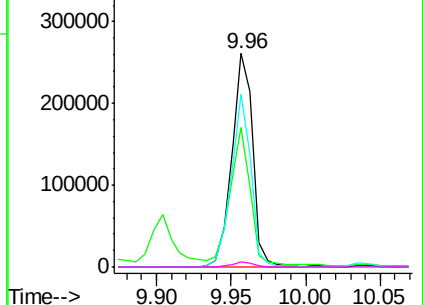


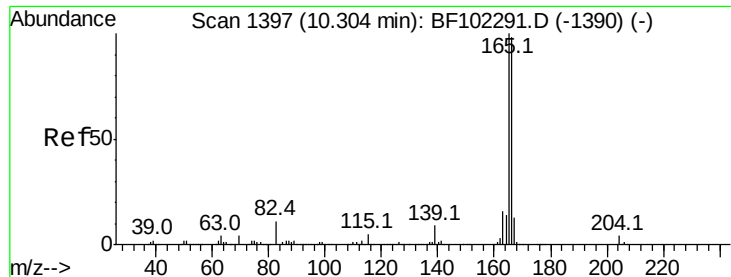
Abundance Ion 165.00 (164.70 to 165.70): E

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

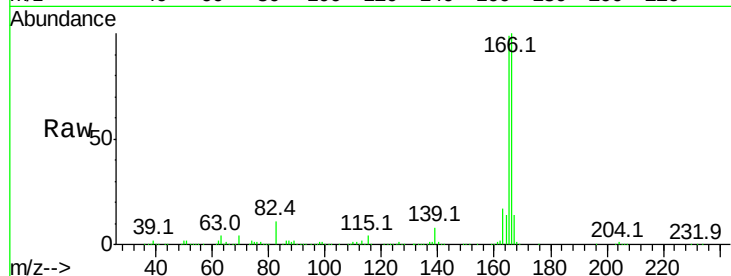




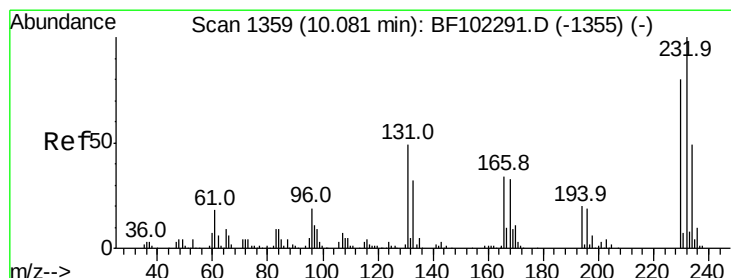
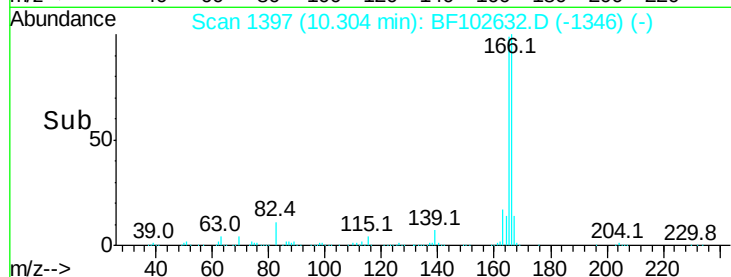
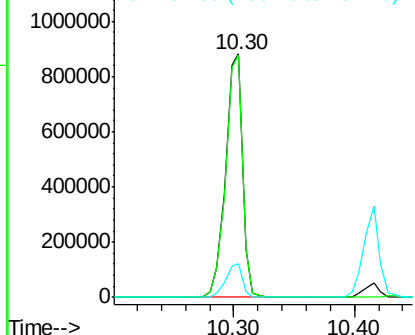
#57
 Fluorene
 Concen: 39.142 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: BF102632.D
 Acq: 30 Jan 2018 11:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:166 Resp: 857449
 Ion Ratio Lower Upper
 166 100
 165 99.3 79.8 119.8
 167 13.7 10.6 16.0

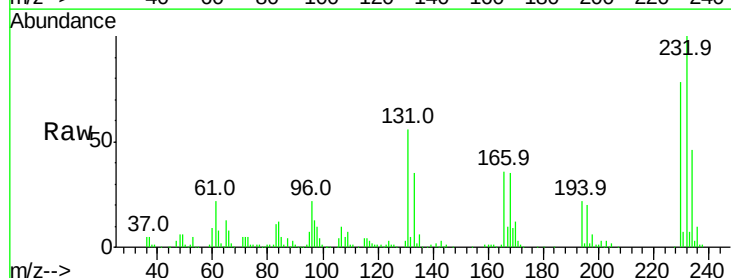


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

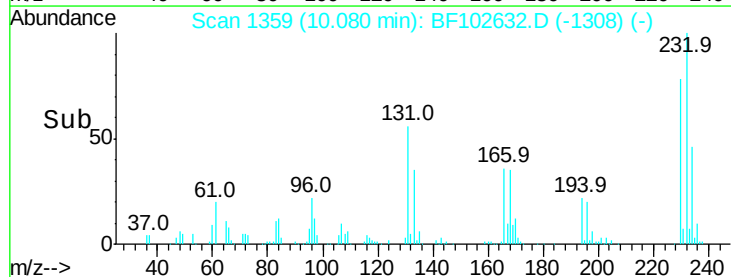
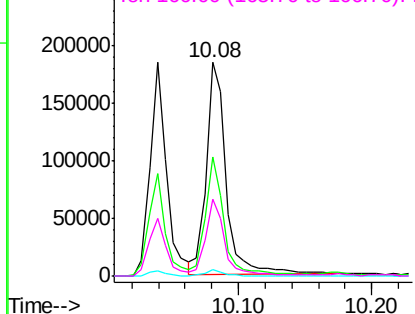


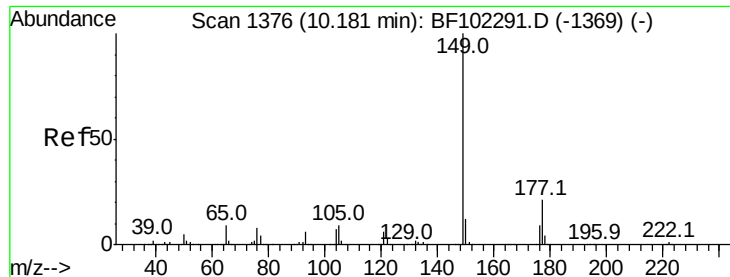
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.990 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: BF102632.D
 Acq: 30 Jan 2018 11:53

Tgt Ion:232 Resp: 193455
 Ion Ratio Lower Upper
 232 100
 131 50.2 43.8 65.8
 130 2.5 2.1 3.1
 166 33.1 27.8 41.6



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

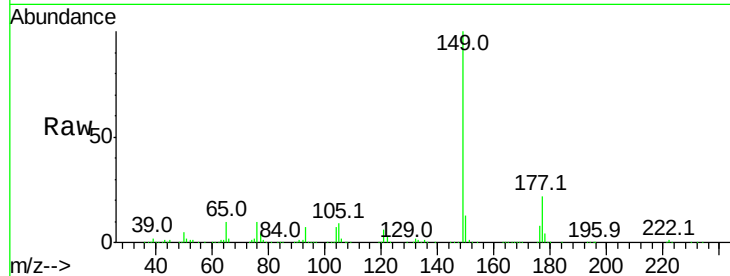




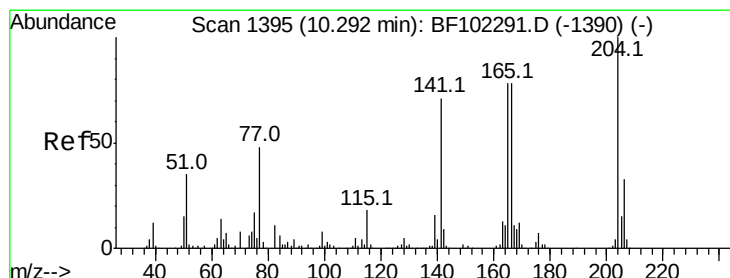
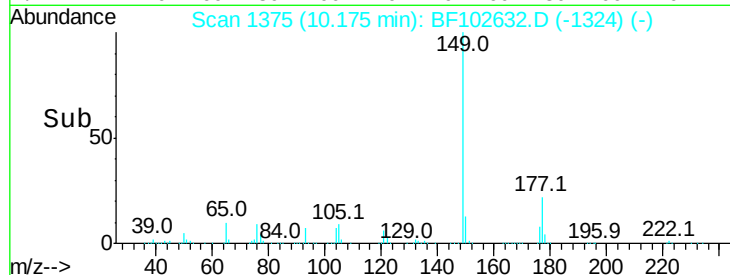
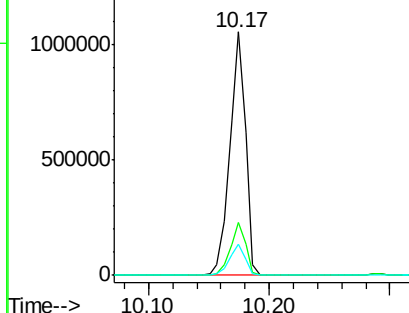
#59
Diethylphthalate
Concen: 36.724 ng
RT: 10.17 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 952819
Ion Ratio Lower Upper
149 100
177 21.7 16.1 24.1
150 12.6 10.1 15.1

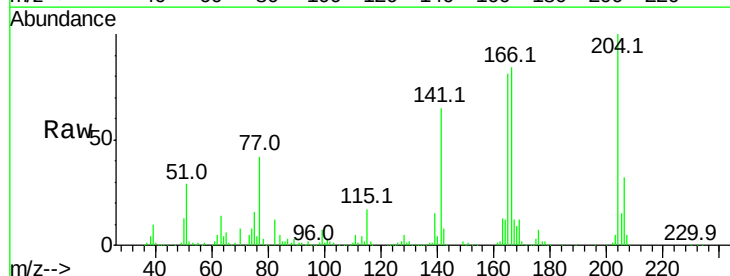


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

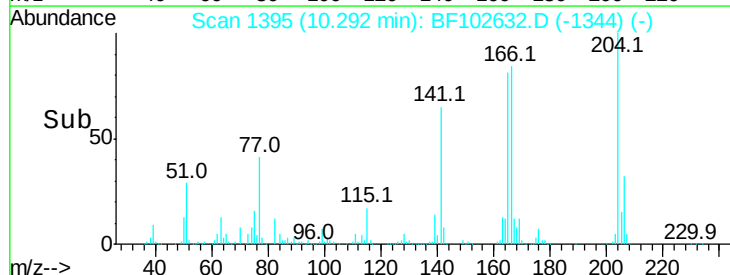
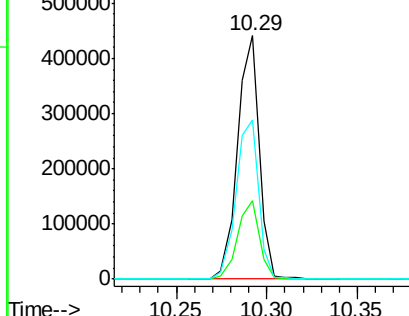


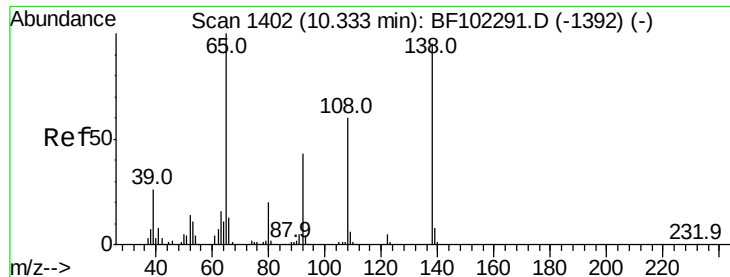
#60
4-Chlorophenyl-phenylether
Concen: 38.734 ng
RT: 10.29 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

Tgt Ion:204 Resp: 367884
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 65.4 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

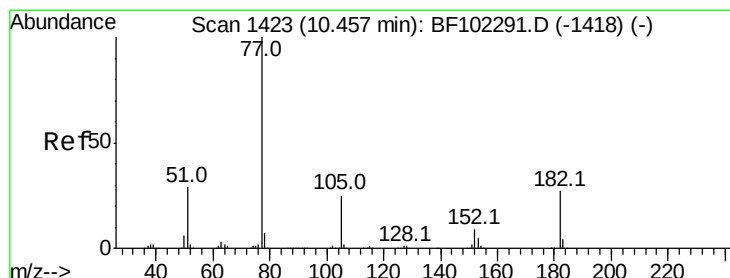
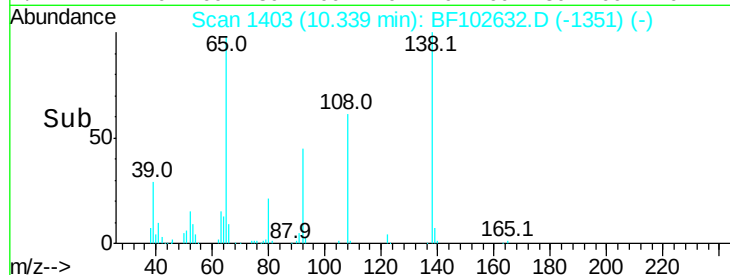
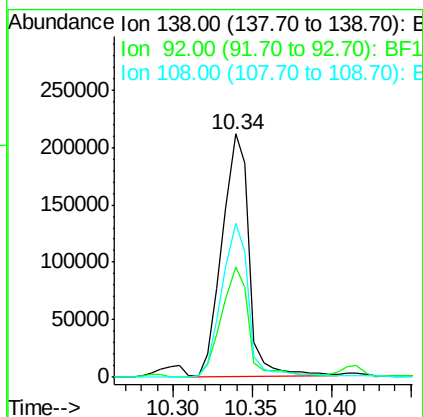
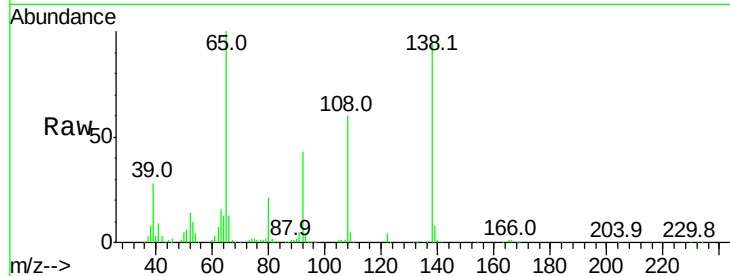




#61
4-Nitroaniline
Concen: 36.419 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

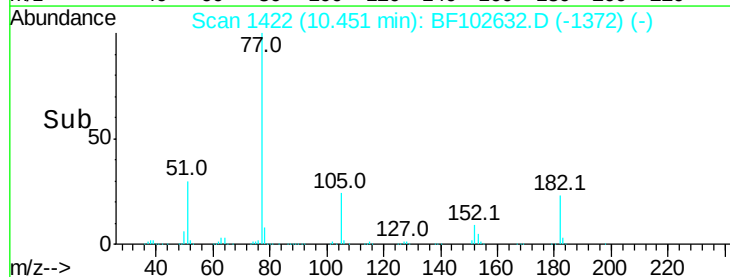
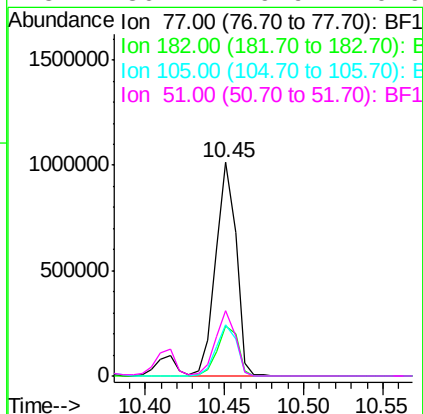
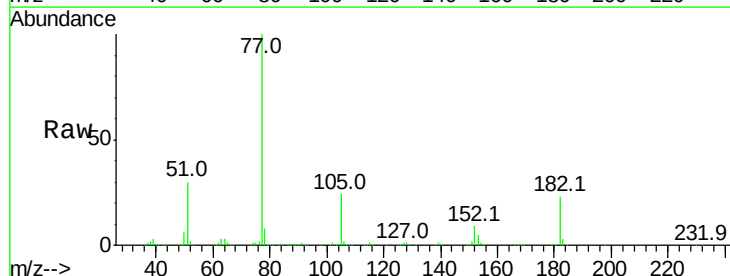
Instrument :
BNA_F
ClientSampleId :

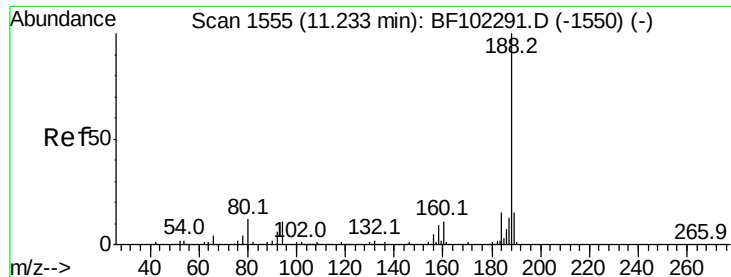
Tot Ion:138 Resp: 247471
Ion Ratio Lower Upper
138 100
92 45.4 30.2 70.2
108 63.2 52.5 92.5



#62
Azobenzene
Concen: 38.051 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

Tgt Ion: 77 Resp: 903868
Ion Ratio Lower Upper
77 100
182 23.3 1.7 41.7
105 24.0 3.0 43.0
51 30.4 9.9 49.9

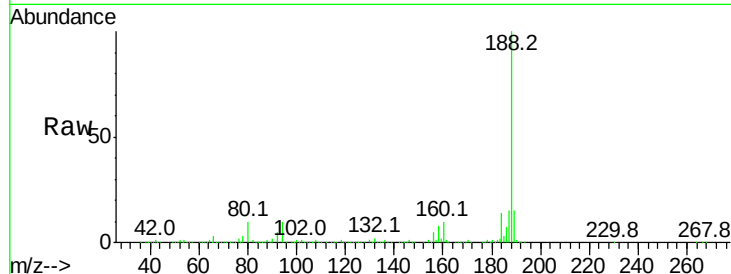




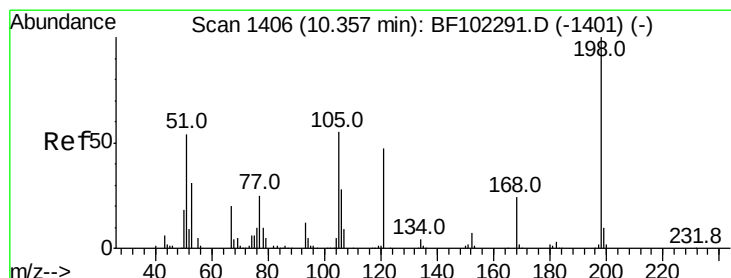
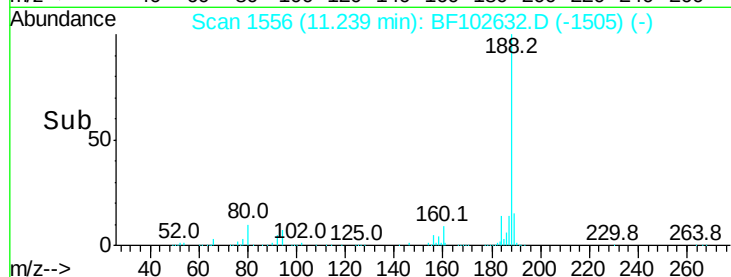
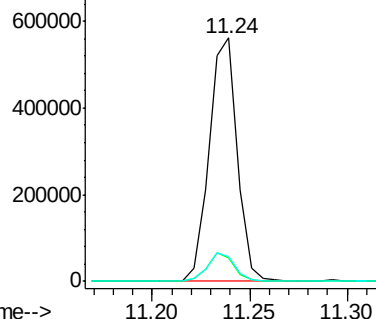
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 557094
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 10.2 9.2 13.8

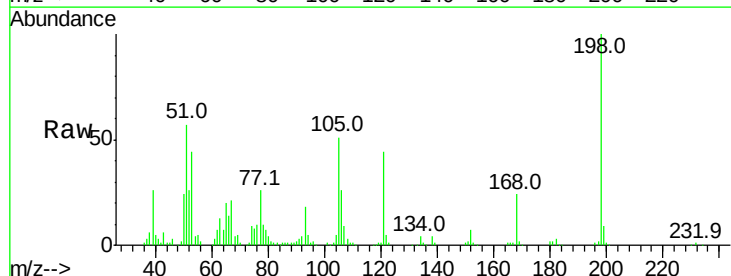


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

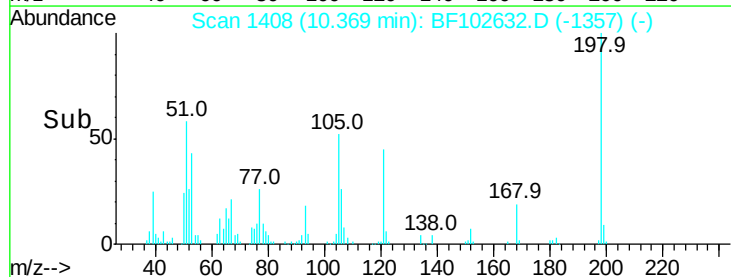
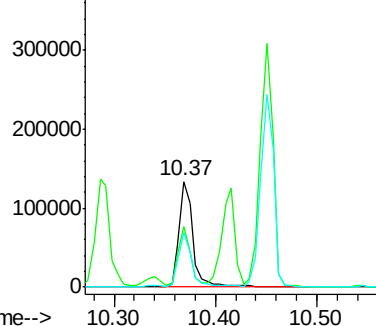


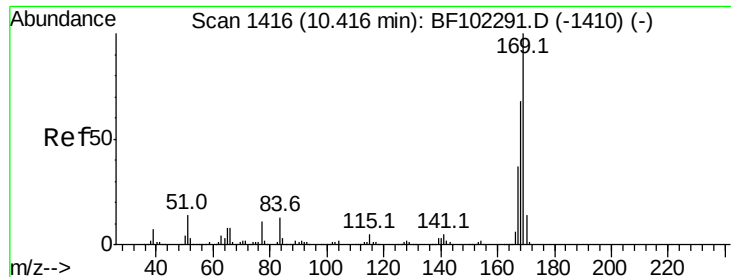
#64
4,6-Dinitro-2-methylphenol
Concen: 34.884 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.00 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

Tgt Ion:198 Resp: 129653
Ion Ratio Lower Upper
198 100
51 57.5 37.7 77.7
105 51.3 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: 37.568 ng

RT: 10.42 min Scan# 1416

Delta R.T. 0.00 min

Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

Instrument :

BNA_F

ClientSampleId :

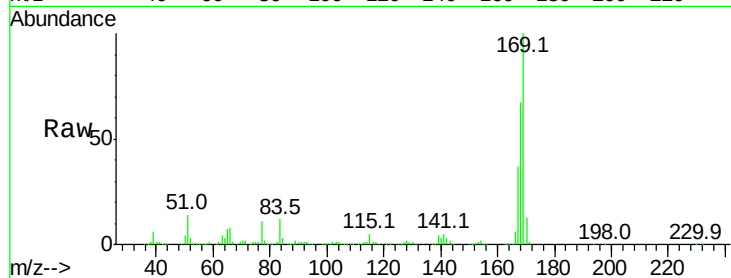
Tot Ion:169 Resp: 768162

Ion Ratio Lower Upper

169 100

168 67.1 54.4 81.6

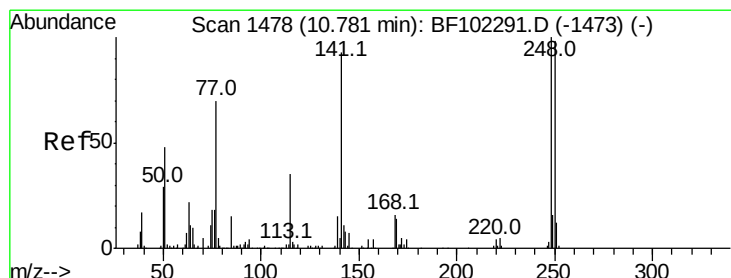
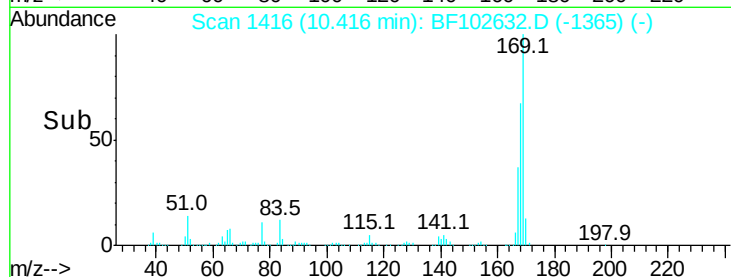
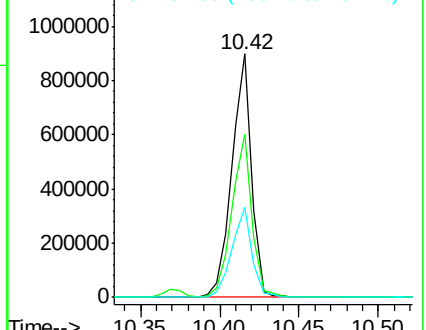
167 37.0 29.8 44.6



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: 37.884 ng

RT: 10.78 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

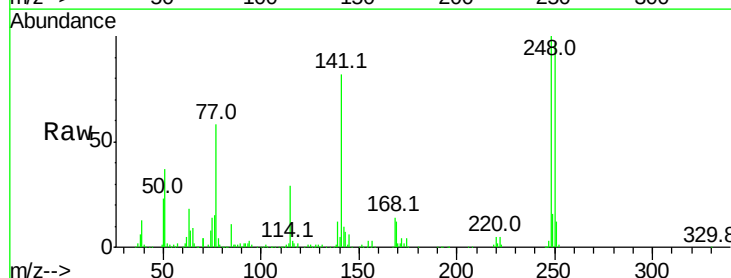
Tgt Ion:248 Resp: 227195

Ion Ratio Lower Upper

248 100

250 97.1 76.9 115.3

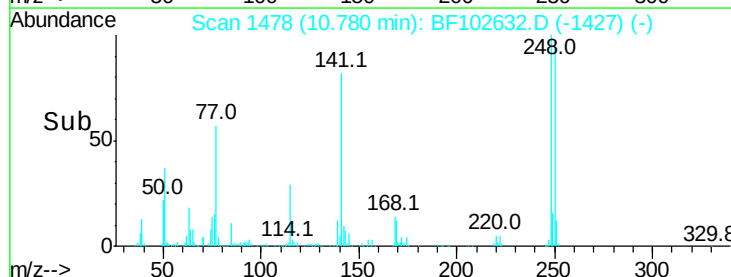
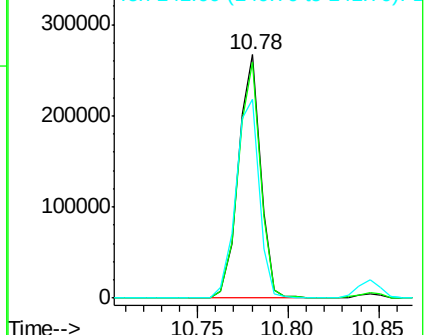
141 81.6 74.4 111.6

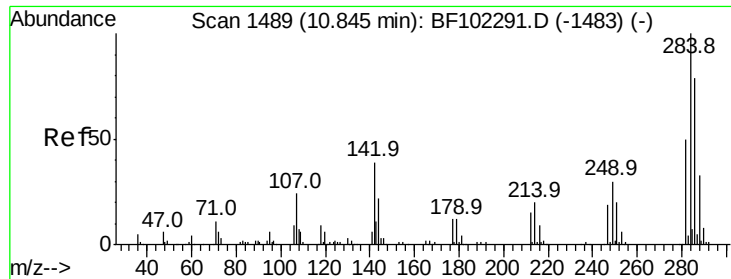


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

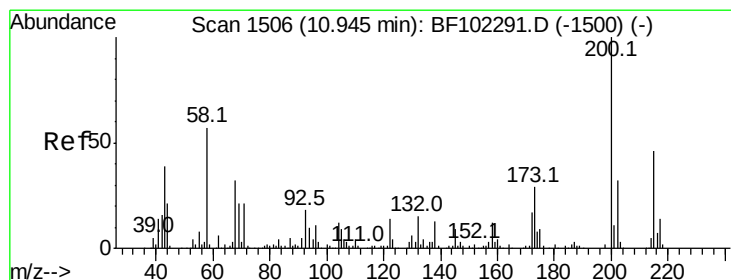
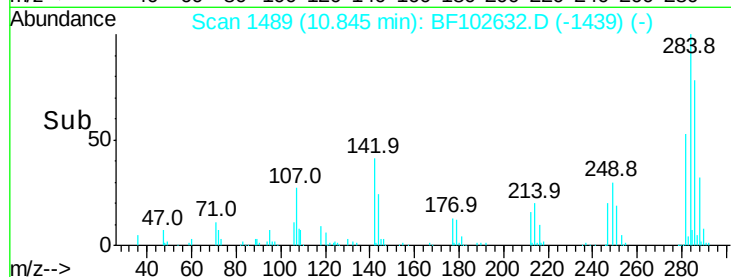
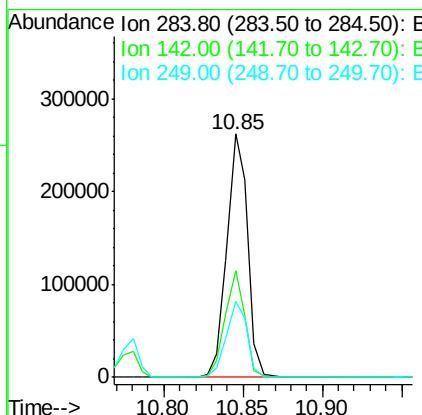
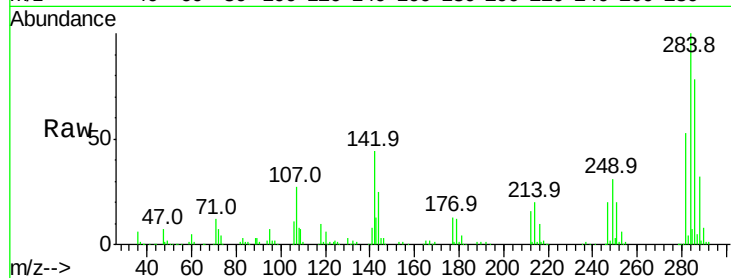




#67
Hexachlorobenzene
Concen: 35.385 ng
RT: 10.85 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

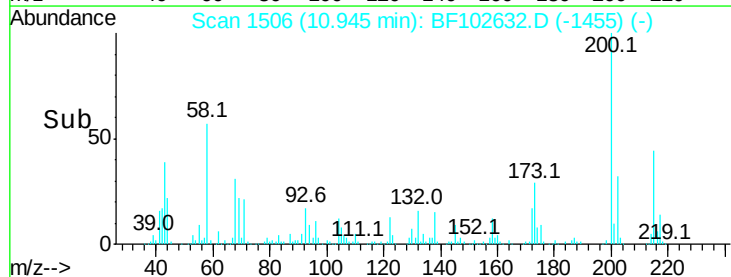
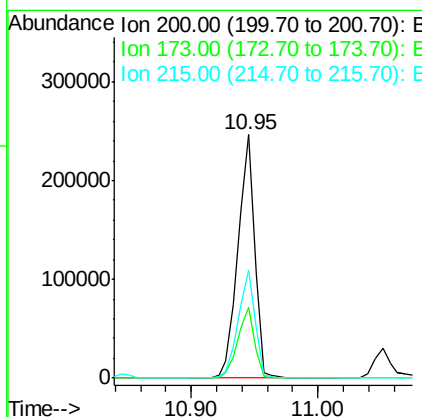
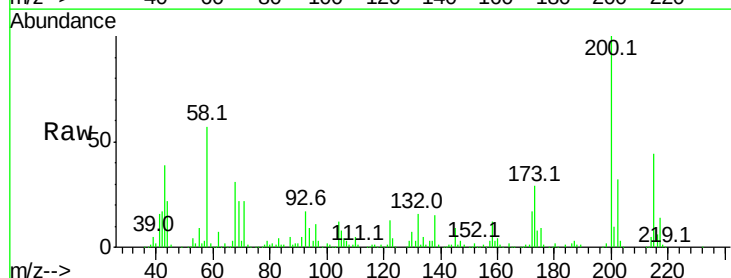
Instrument :
BNA_F
ClientSampleId :

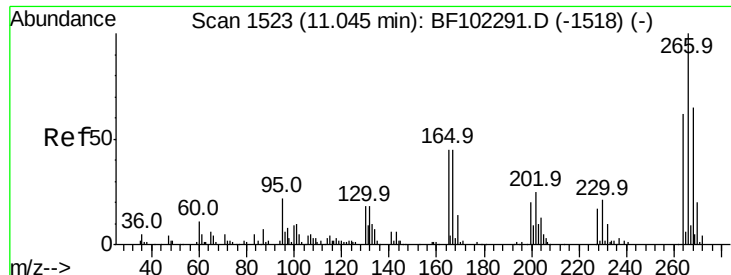
Tot Ion:284 Resp: 237325
Ion Ratio Lower Upper
284 100
142 43.8 34.6 52.0
249 31.1 24.8 37.2



#68
Atrazine
Concen: 36.827 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

Tgt Ion:200 Resp: 222403
Ion Ratio Lower Upper
200 100
173 29.1 8.6 48.6
215 44.2 25.1 65.1

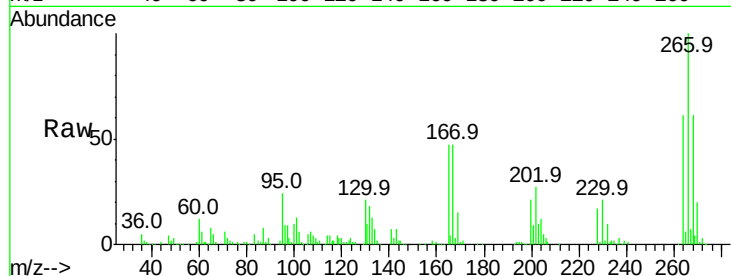




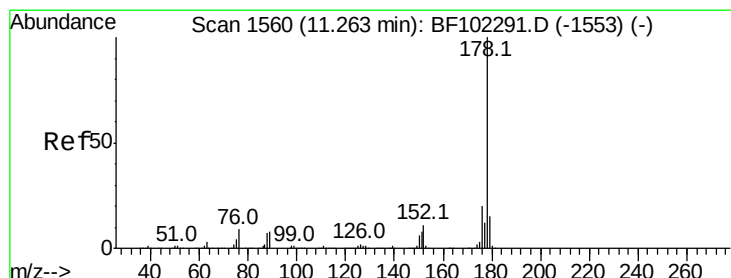
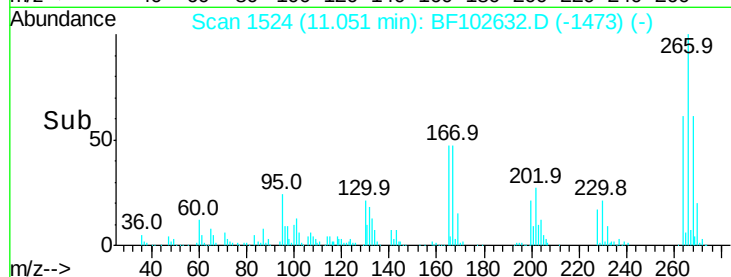
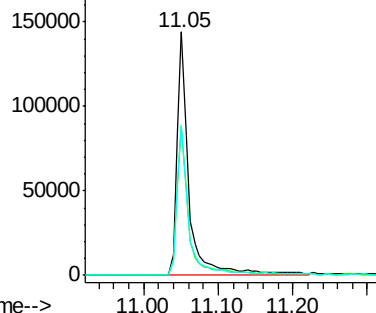
#69
 Pentachlorophenol
 Concen: 46.218 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. 0.00 min
 Lab File: BF102632.D
 Acq: 30 Jan 2018 11:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.3	51.1	76.7
264	61.4	49.5	74.3

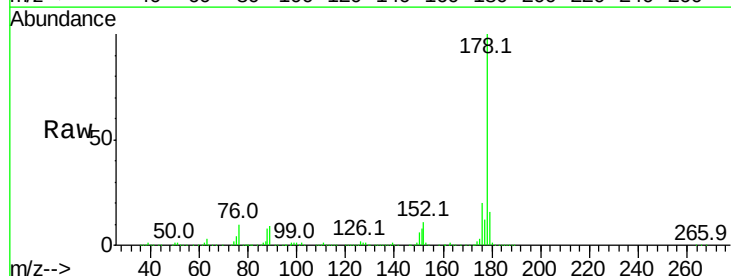


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

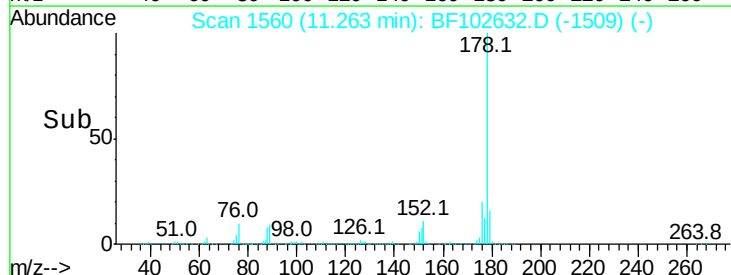
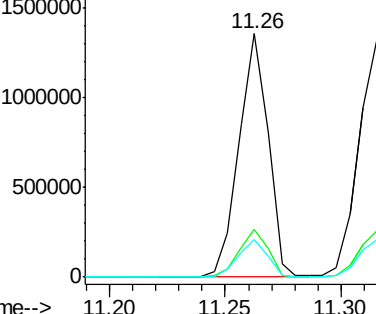


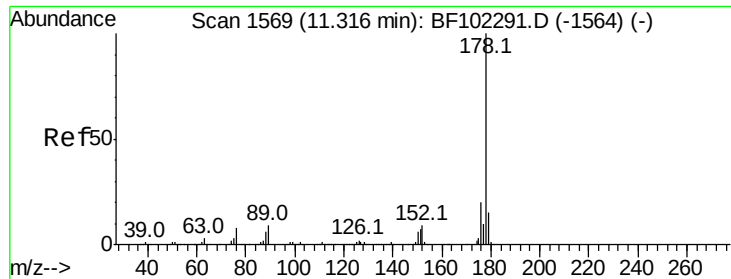
#70
 Phenanthrene
 Concen: 36.962 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: BF102632.D
 Acq: 30 Jan 2018 11:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.6	13.0	19.6



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





#71

Anthracene

Concen: 36.723 ng

RT: 11.32 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

Instrument :

BNA_F

ClientSampleId :

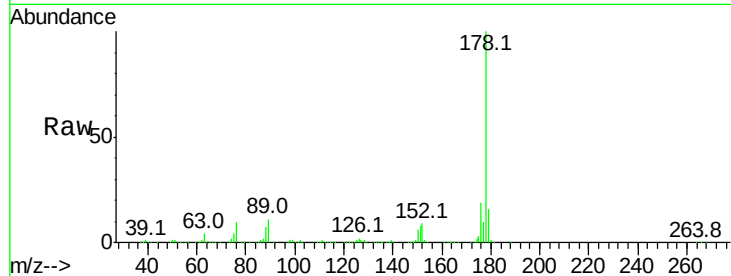
Tot Ion:178 Resp: 1216792

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

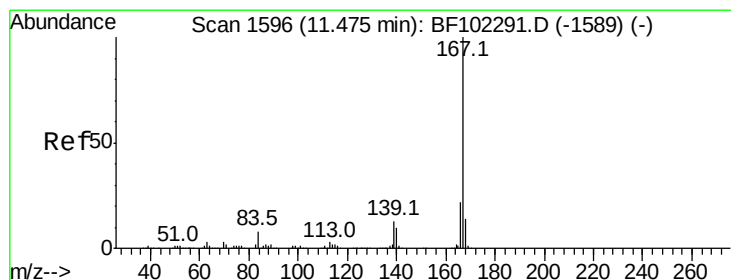
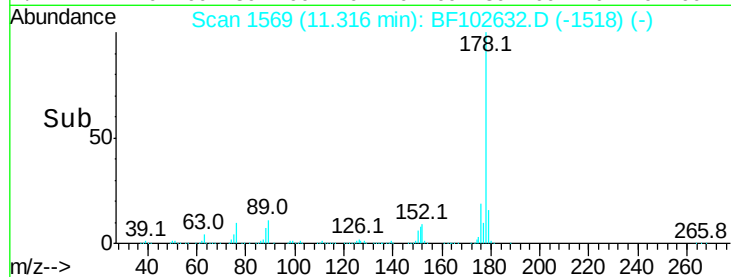
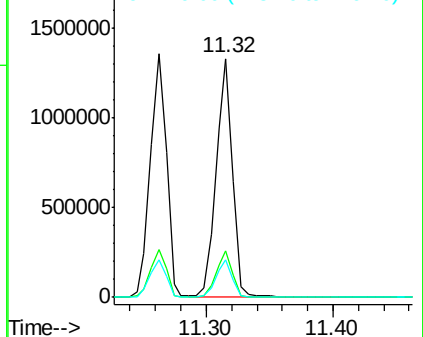
179 15.8 12.6 19.0



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: 37.603 ng

RT: 11.47 min Scan# 1596

Delta R.T. 0.00 min

Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

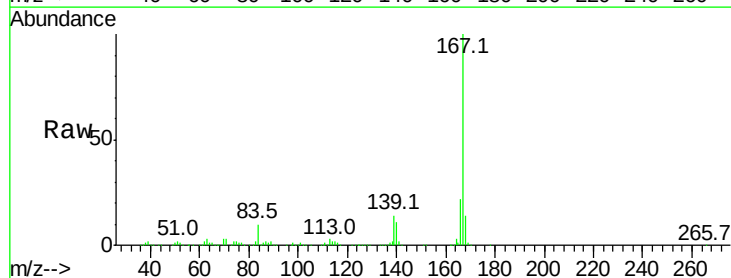
Tgt Ion:167 Resp: 1215534

Ion Ratio Lower Upper

167 100

166 22.3 17.6 26.4

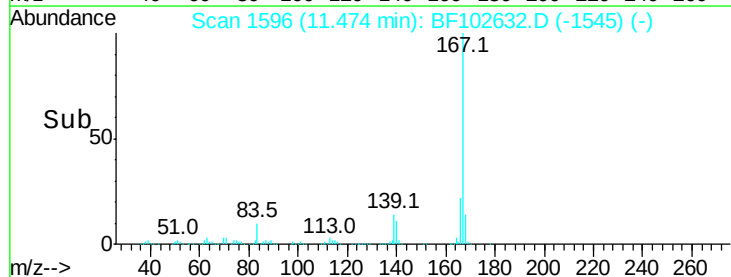
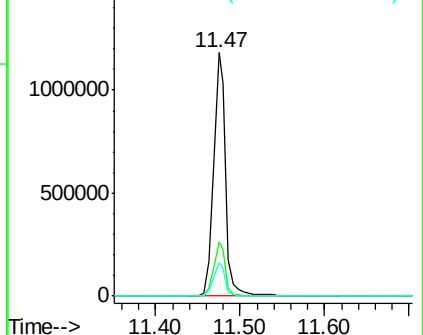
139 13.8 10.9 16.3

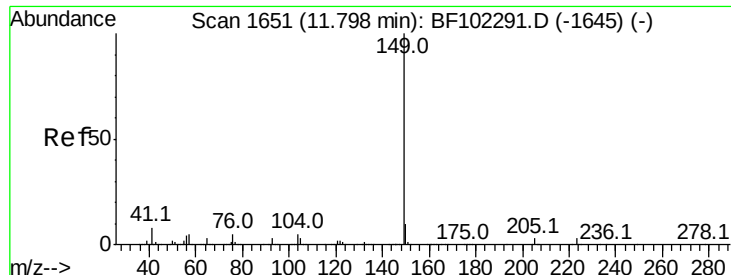


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 36.459 ng

RT: 11.79 min Scan# 1650

Delta R.T. -0.01 min

Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

Instrument :

BNA_F

ClientSampleId :

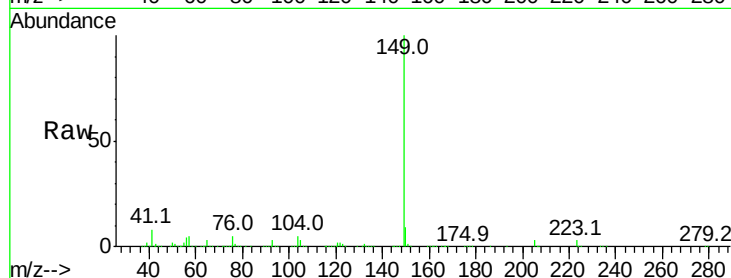
Tot Ion:149 Resp: 1473170

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

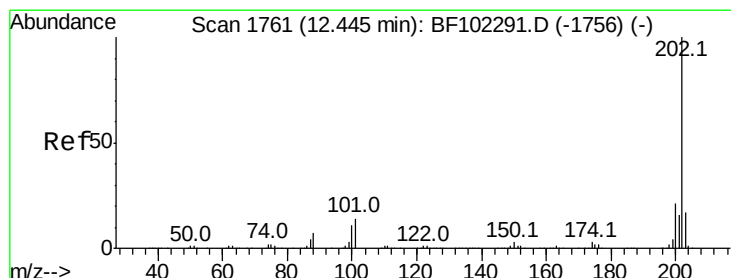
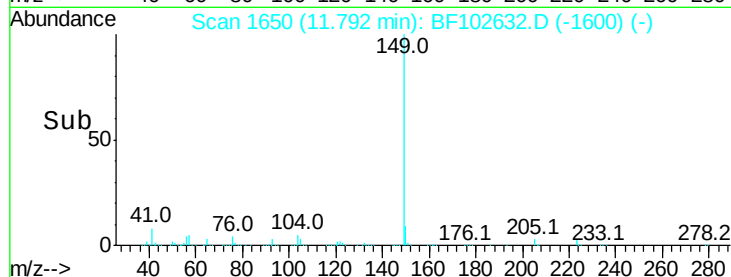
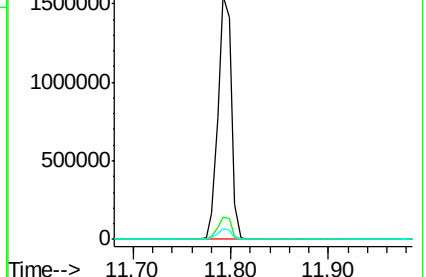
104 4.6 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.134 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

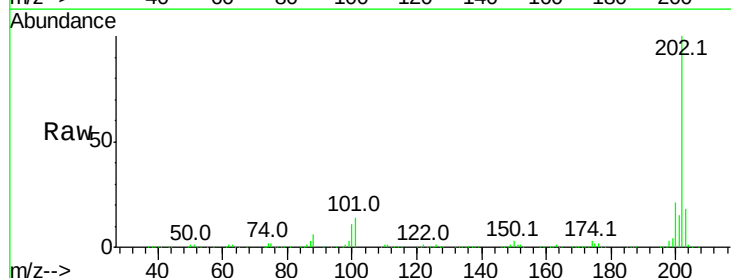
Tgt Ion:202 Resp: 1196183

Ion Ratio Lower Upper

202 100

101 14.0 0.0 34.1

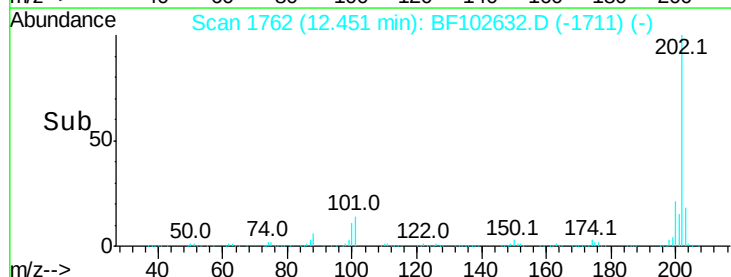
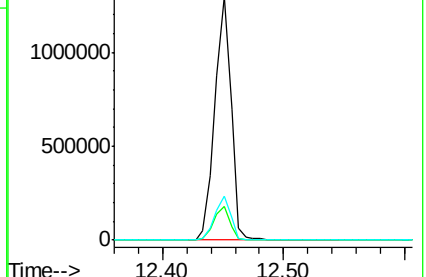
203 18.0 0.0 38.1

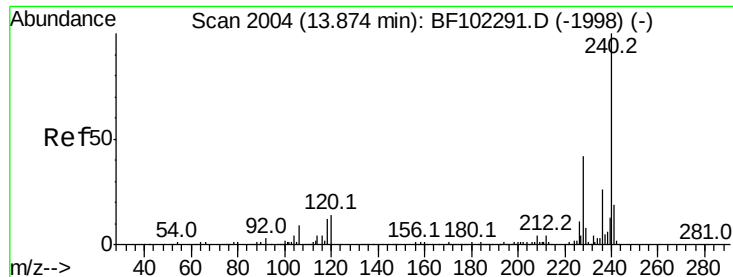


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

Instrument :

BNA_F

ClientSampleId :

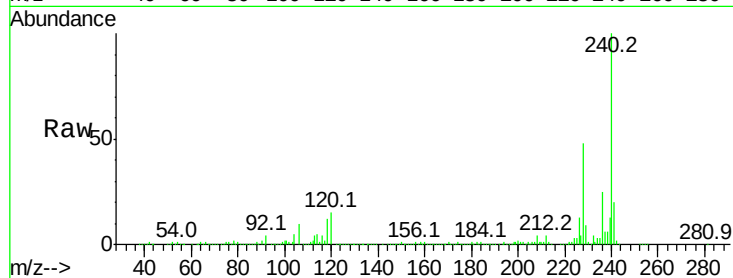
Tot Ion:240 Resp: 397816

Ion Ratio Lower Upper

240 100

120 15.3 9.5 14.3#

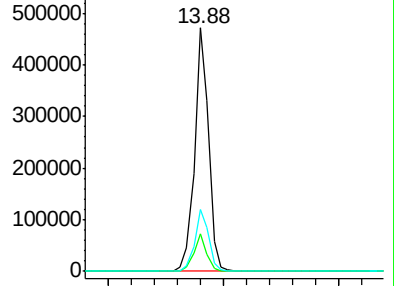
236 25.4 20.7 31.1



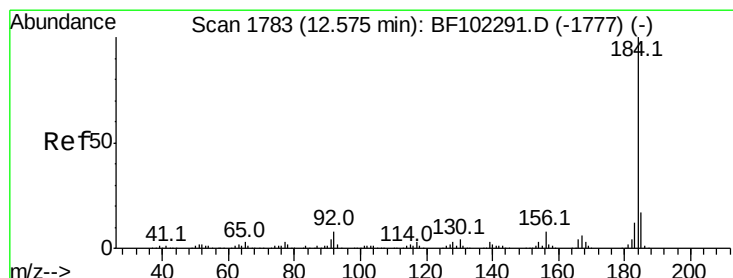
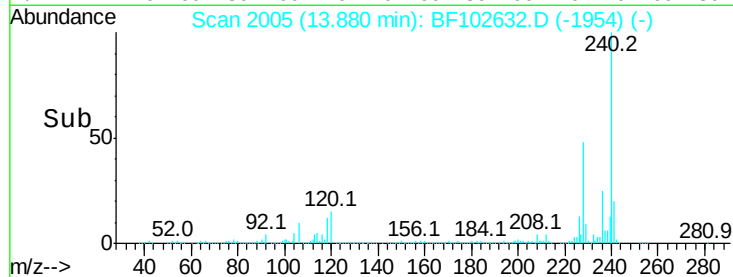
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: 50.001 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

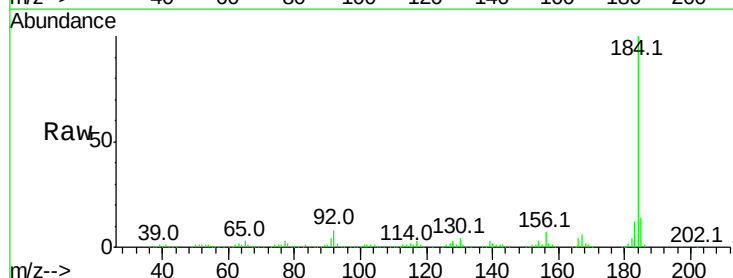
Tgt Ion:184 Resp: 668214

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

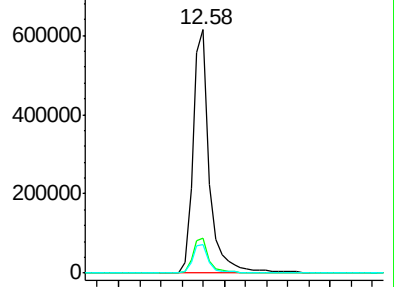
183 11.9 9.3 13.9



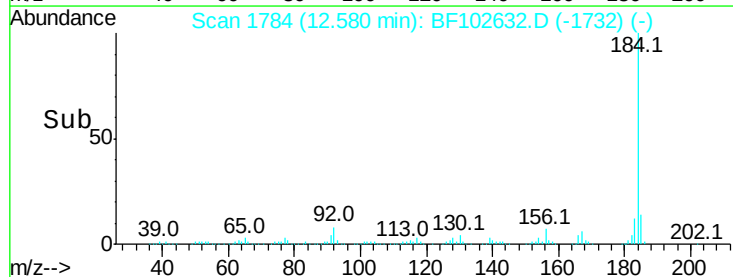
Abundance Ion 184.00 (183.70 to 184.70): E

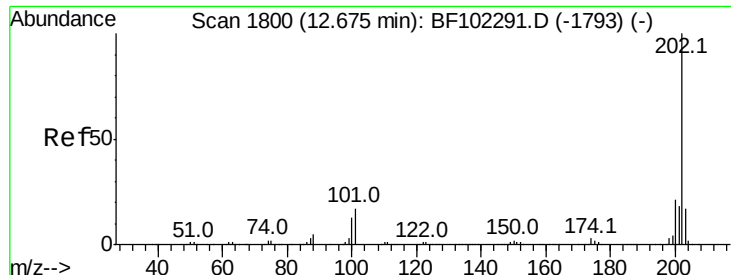
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->

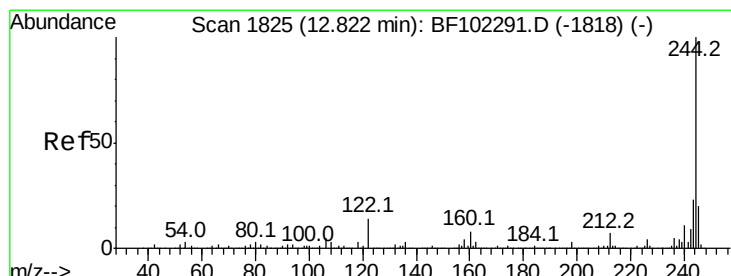
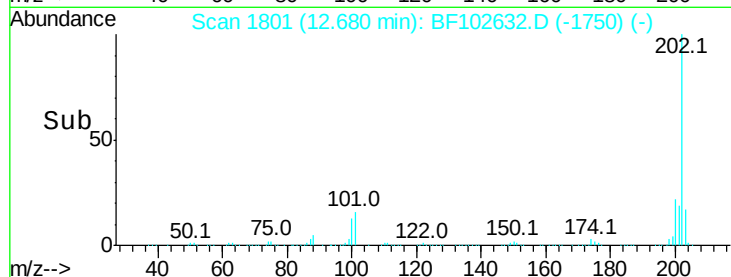
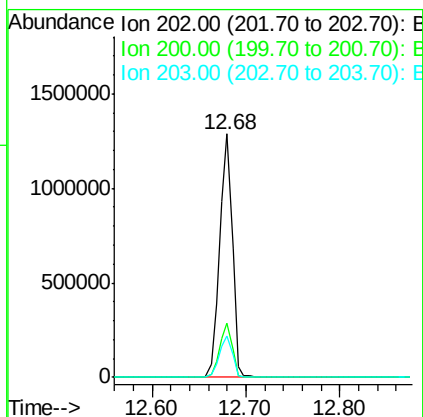
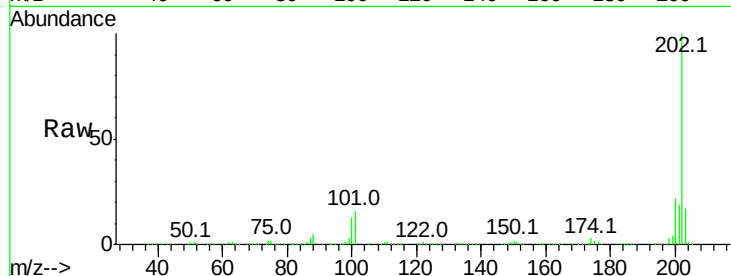




#77
 Pvrene
 Concen: 39.579 ng
 RT: 12.68 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BF102632.D
 Acq: 30 Jan 2018 11:53

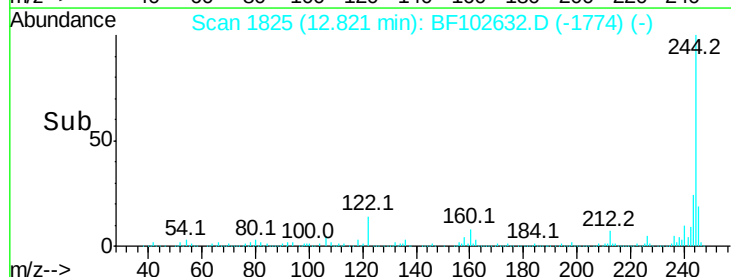
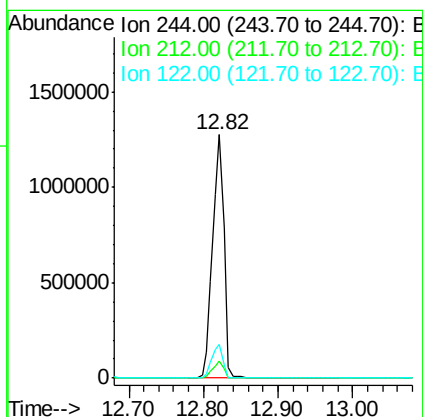
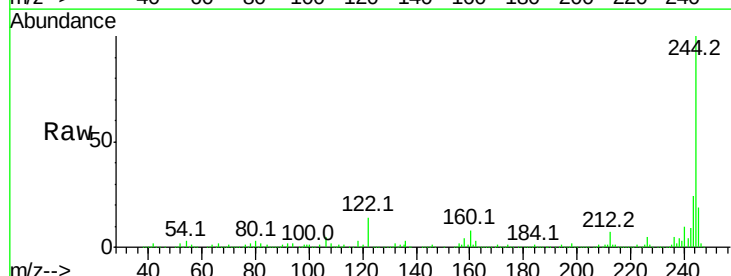
Instrument :
 BNA_F
 ClientSampleId :

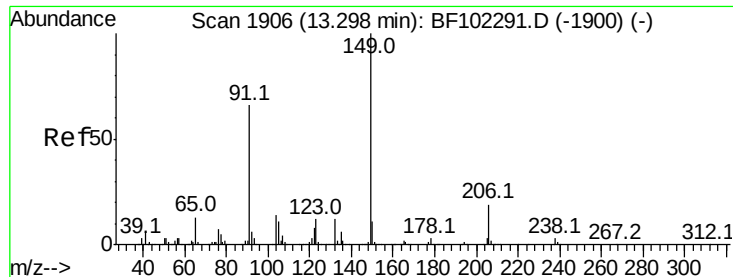
Tot Ion:202 Resp: 1217352
 Ion Ratio Lower Upper
 202 100
 200 22.3 17.4 26.2
 203 17.3 14.3 21.5



#78
 Terphenyl-d14
 Concen: 75.819 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: BF102632.D
 Acq: 30 Jan 2018 11:53

Tgt Ion:244 Resp: 1337939
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 13.9 11.0 16.4

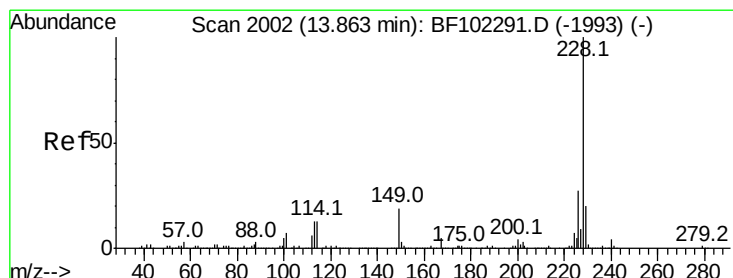
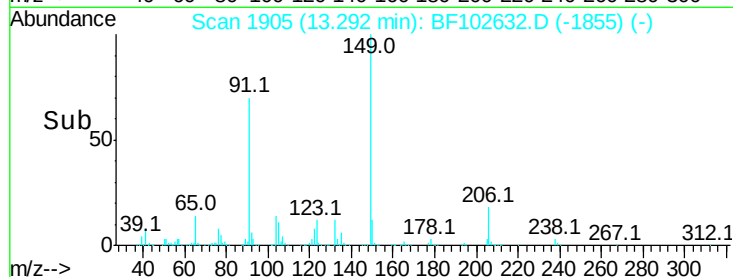
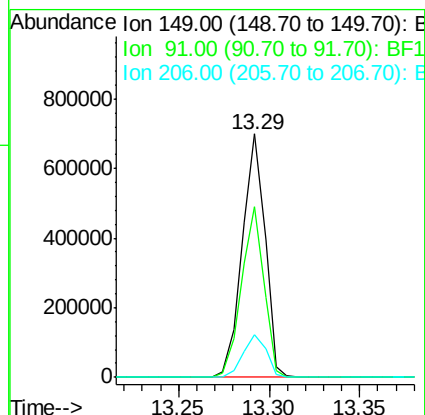
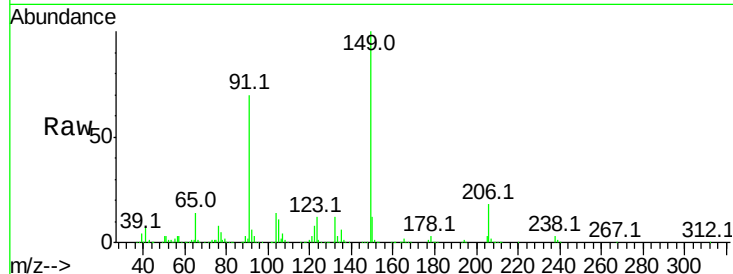




#79
Butylbenzylphthalate
Concen: 40.077 ng
RT: 13.29 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

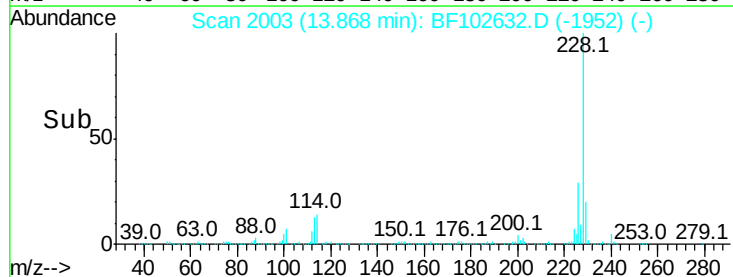
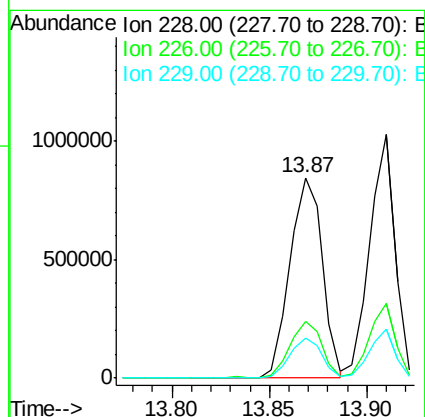
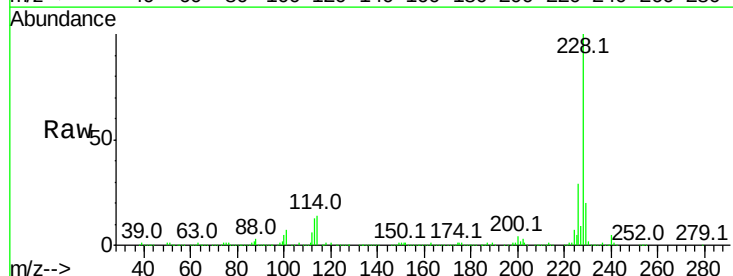
Instrument :
BNA_F
ClientSampleId :

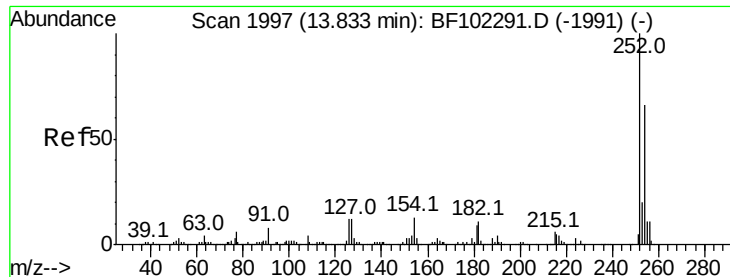
Tot Ion	Ratio	Lower	Upper
149	100		
91	69.9	56.8	85.2
206	17.7	14.1	21.1



#80
Benzo(a)anthracene
Concen: 39.737 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	20.1	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 37.408 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

Instrument :

BNA_F

ClientSampleId :

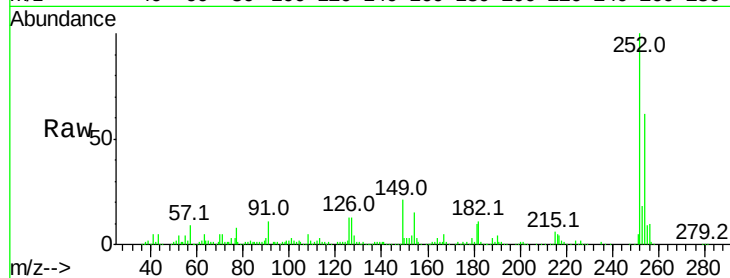
Tot Ion:252 Resp: 336094

Ion Ratio Lower Upper

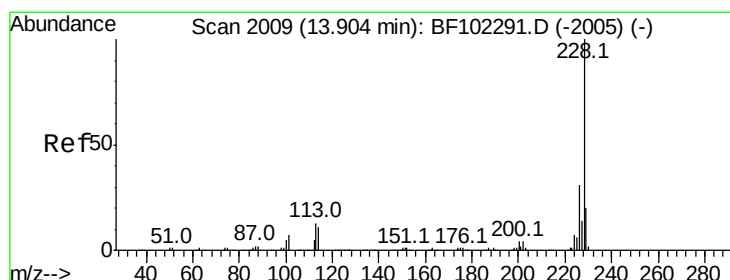
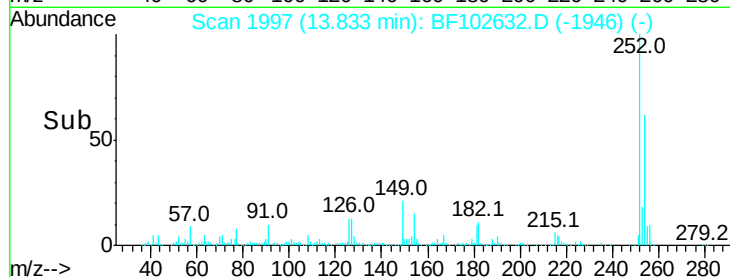
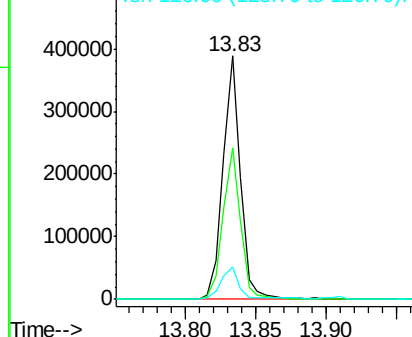
252 100

254 62.3 50.4 75.6

126 13.3 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 37.642 ng

RT: 13.91 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

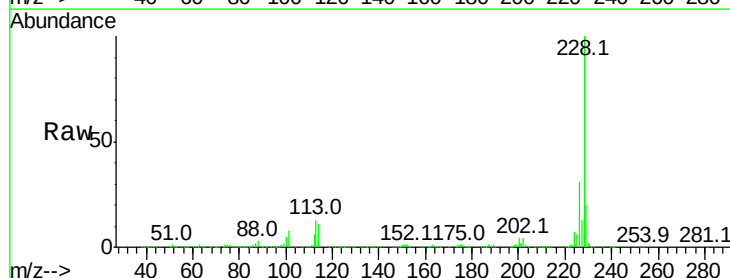
Tgt Ion:228 Resp: 936218

Ion Ratio Lower Upper

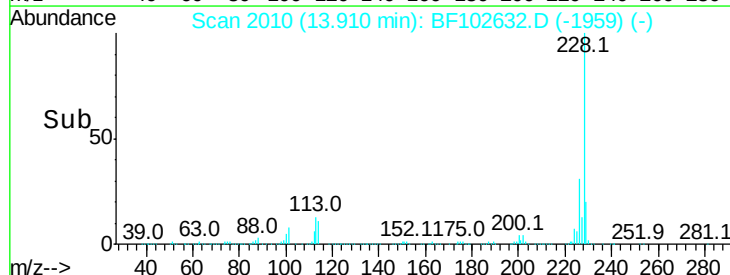
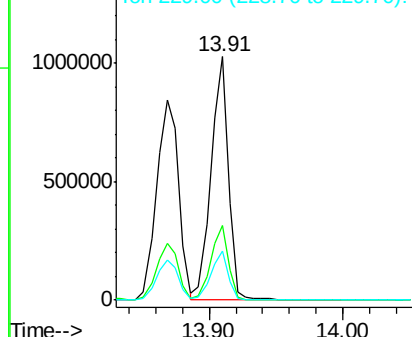
228 100

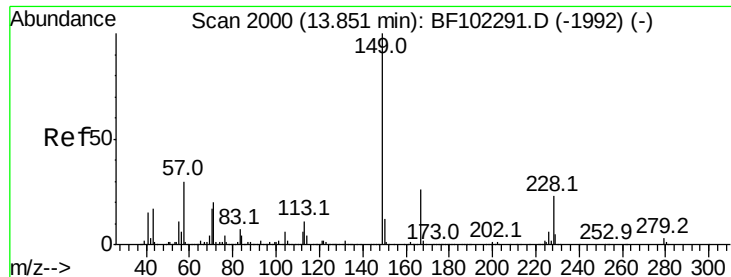
226 30.5 25.0 37.6

229 20.1 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.744 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

Instrument :

BNA_F

ClientSampleId :

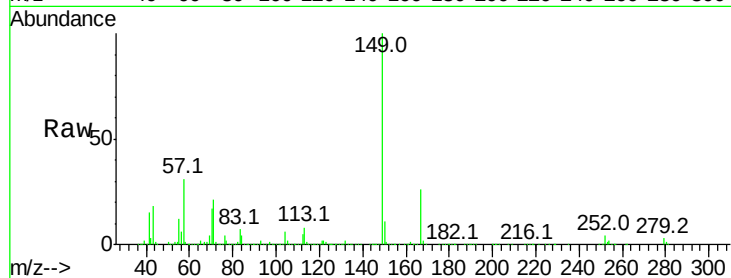
Tot Ion:149 Resp: 796980

Ion Ratio Lower Upper

149 100

167 26.2 21.3 31.9

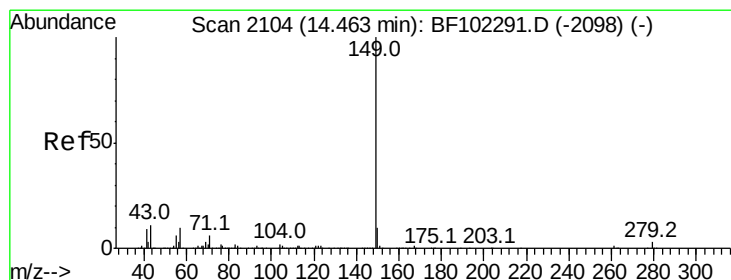
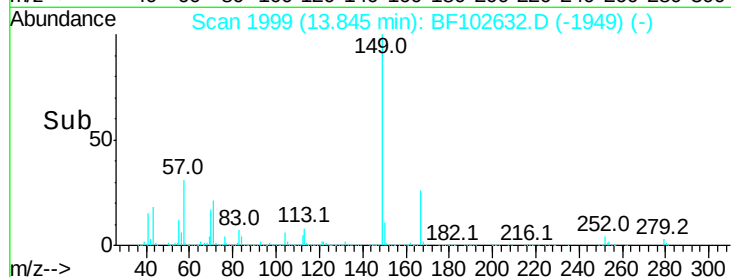
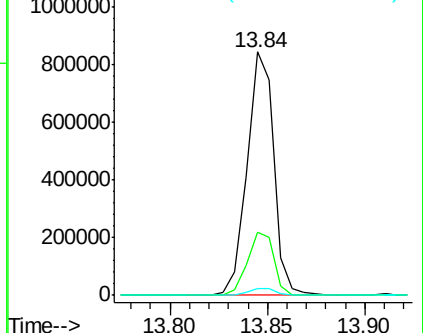
279 2.7 3.0 4.4#



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: 36.298 ng

RT: 14.46 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

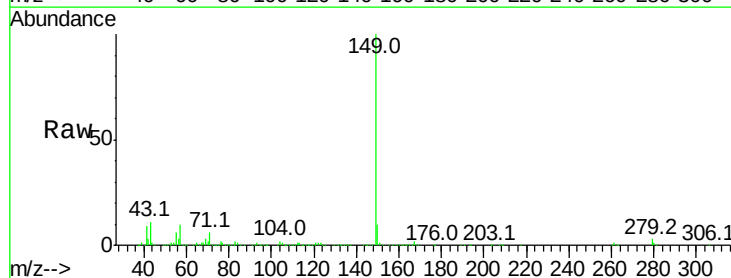
Tgt Ion:149 Resp: 1214269

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

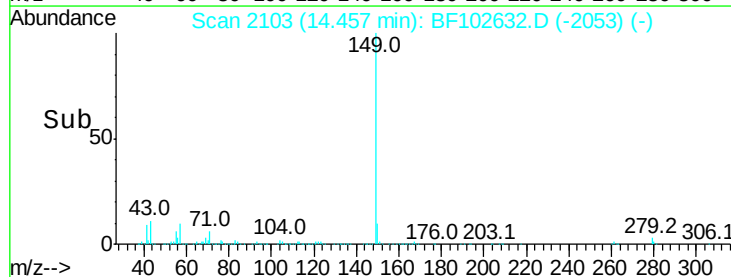
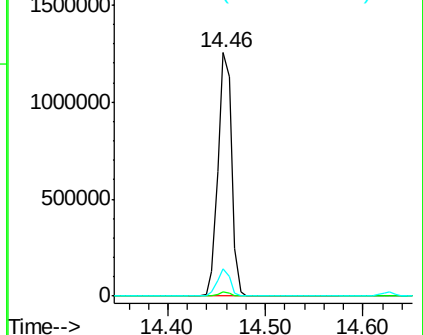
43 10.4 8.4 12.6

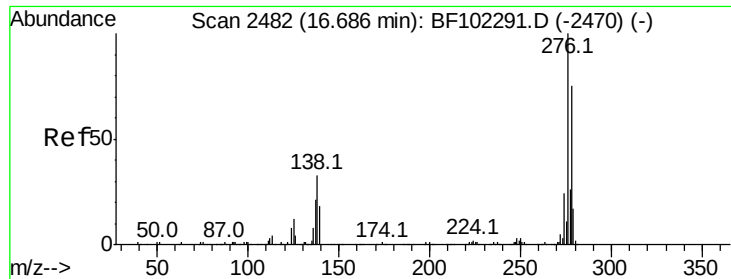


Abundance Ion 149.00 (148.70 to 149.70): E

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: 33.849 ng

RT: 16.72 min Scan# 2487

Delta R.T. 0.01 min

Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

Instrument :

BNA_F

ClientSampleId :

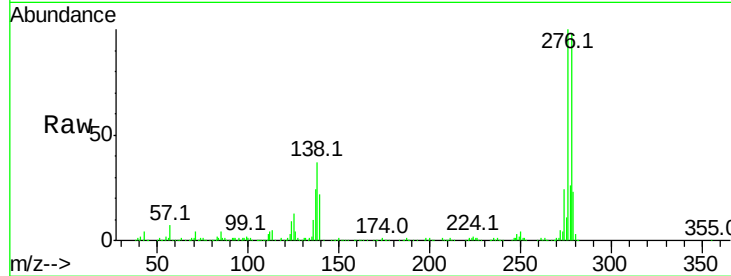
Tot Ion:276 Resp: 695281

Ion Ratio Lower Upper

276 100

138 33.8 25.0 37.6

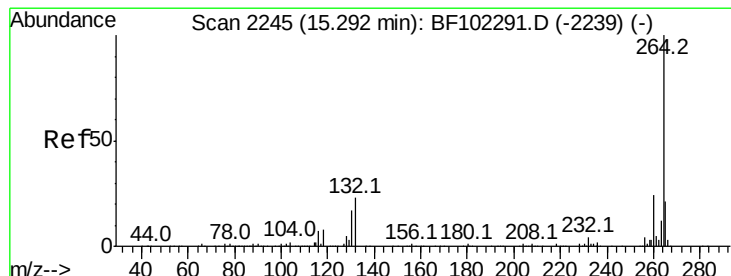
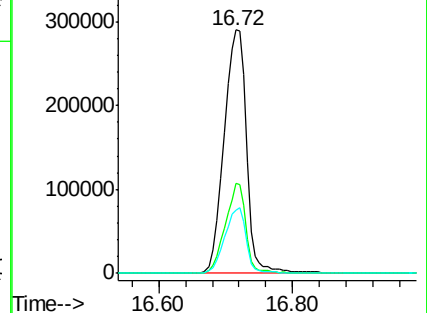
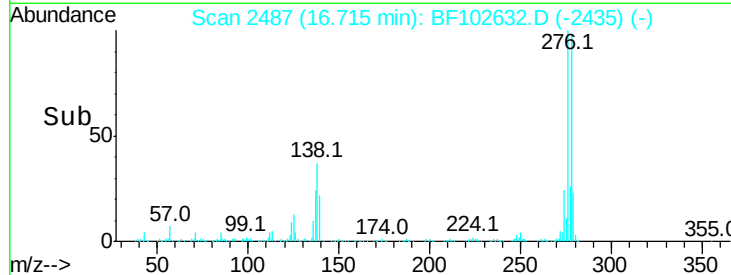
277 25.7 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.30 min Scan# 2247

Delta R.T. 0.00 min

Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

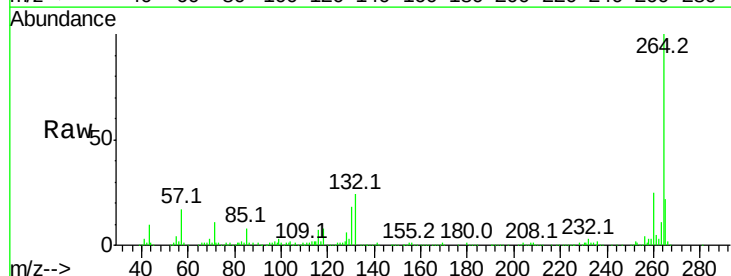
Tgt Ion:264 Resp: 322700

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

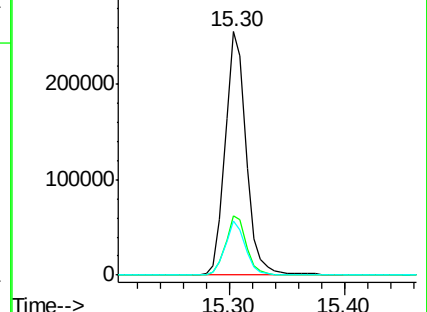
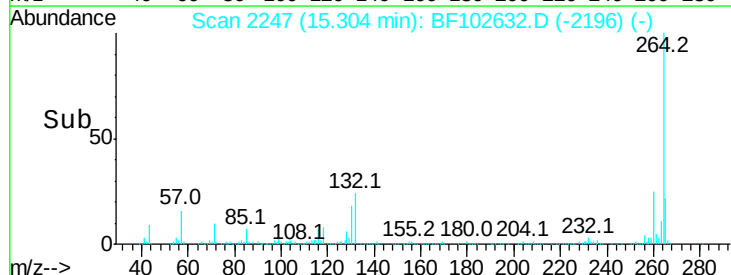
265 22.0 17.5 26.3

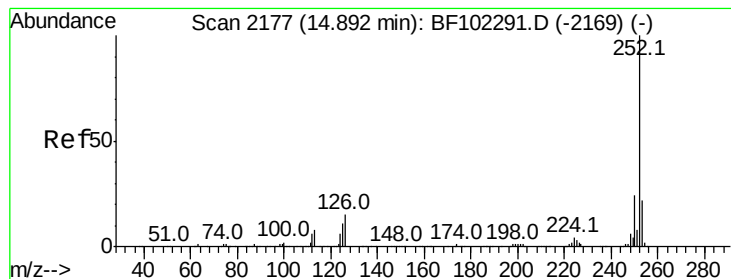


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 40.792 ng

RT: 14.90 min Scan# 2178

Delta R.T. 0.00 min

Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

Instrument :

BNA_F

ClientSampled :

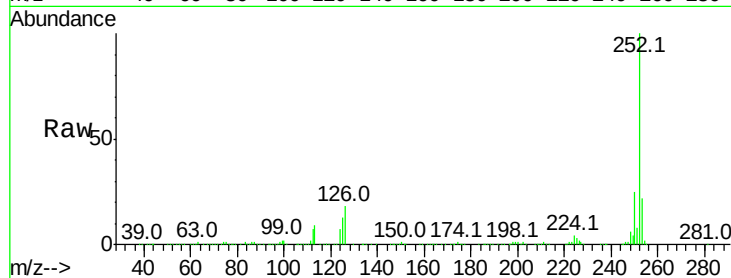
Tot Ion:252 Resp: 853197

Ion Ratio Lower Upper

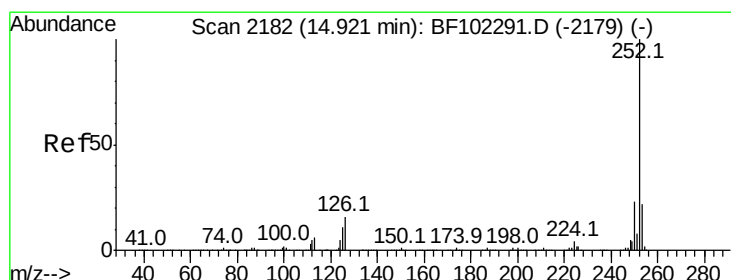
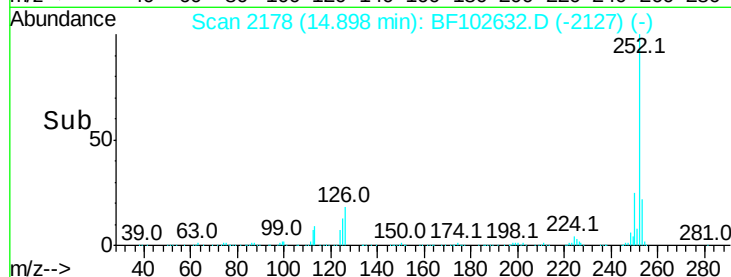
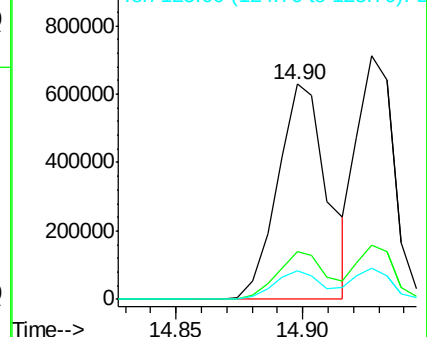
252 100

253 22.1 17.0 25.6

125 13.3 9.0 13.6



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



#88

Benzo(k)fluoranthene

Concen: 37.252 ng

RT: 14.93 min Scan# 2183

Delta R.T. 0.00 min

Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

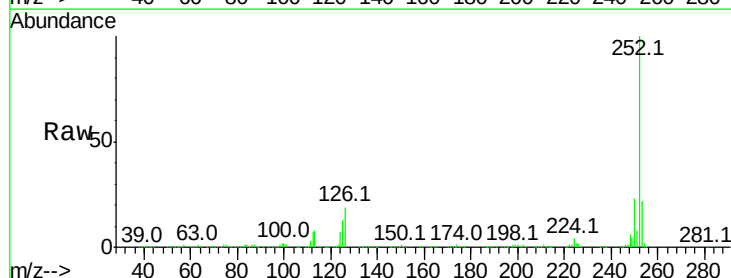
Tgt Ion:252 Resp: 736129

Ion Ratio Lower Upper

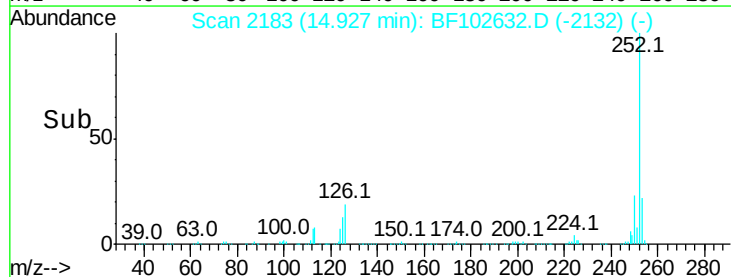
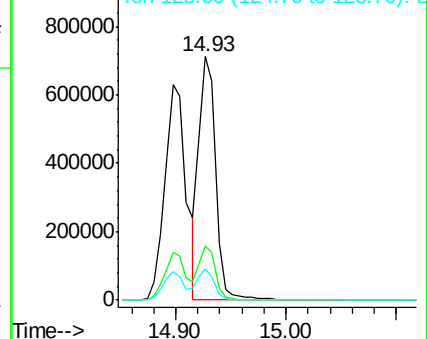
252 100

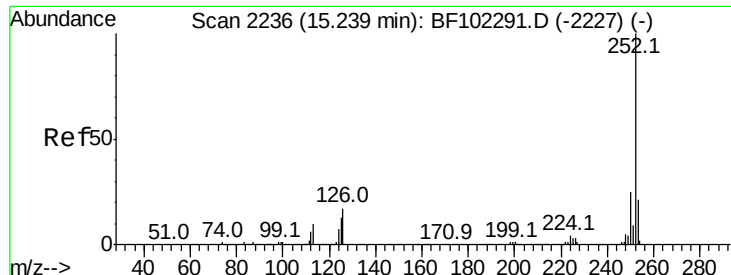
253 22.3 17.9 26.9

125 13.0 10.2 15.2



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





#89

Benzo(a)pyrene

Concen: 38.356 ng

RT: 15.25 min Scan# 2238

Delta R.T. 0.00 min

Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

Instrument :

BNA_F

ClientSampleId :

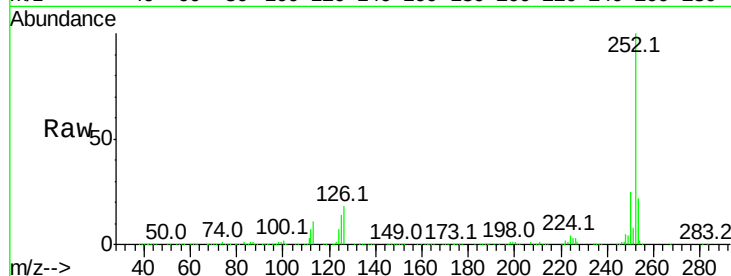
Tot Ion:252 Resp: 723546

Ion Ratio Lower Upper

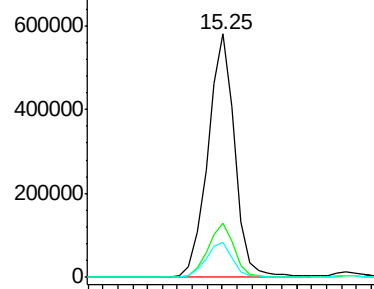
252 100

253 22.3 17.1 25.7

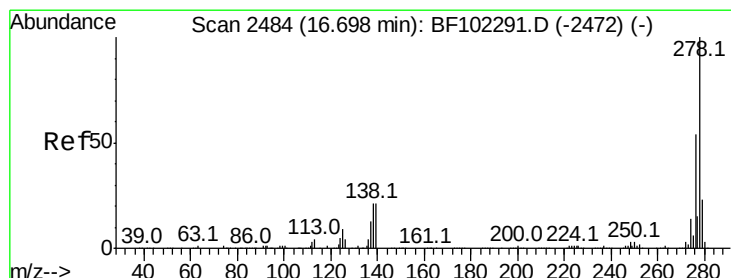
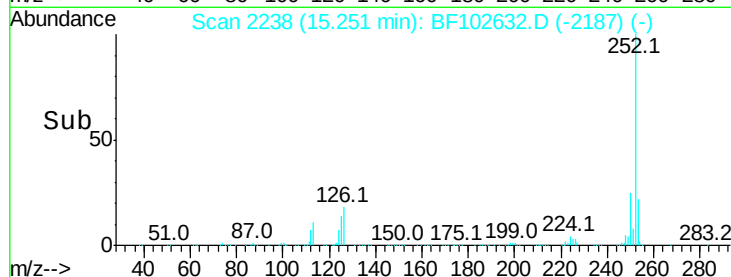
125 14.3 9.8 14.6



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



Time-->



#90

Dibenzo(a,h)anthracene

Concen: 37.542 ng

RT: 16.72 min Scan# 2488

Delta R.T. 0.00 min

Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

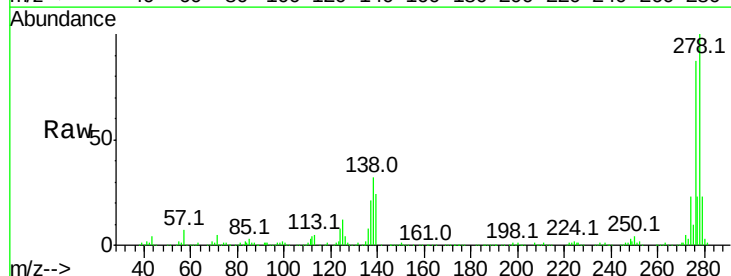
Tgt Ion:278 Resp: 573661

Ion Ratio Lower Upper

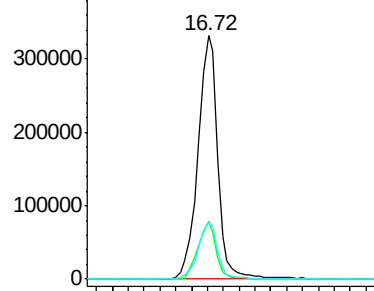
278 100

139 23.6 15.9 23.9

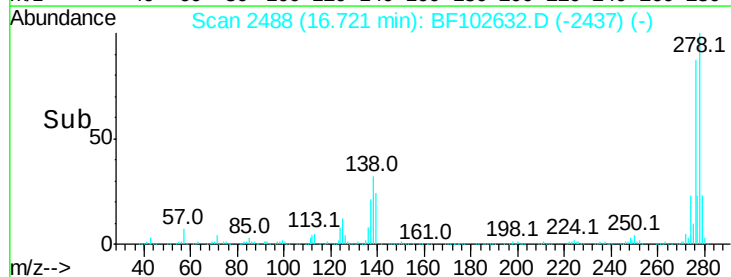
279 23.4 19.0 28.4

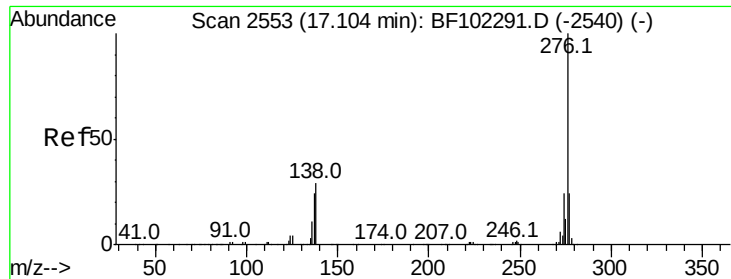


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



Time-->





#91

Benzo(a,h,i)perylene

Concen: 39.831 ng

RT: 17.14 min Scan# 2559

Delta R.T. 0.01 min

Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

Instrument :

BNA_F

ClientSampleId :

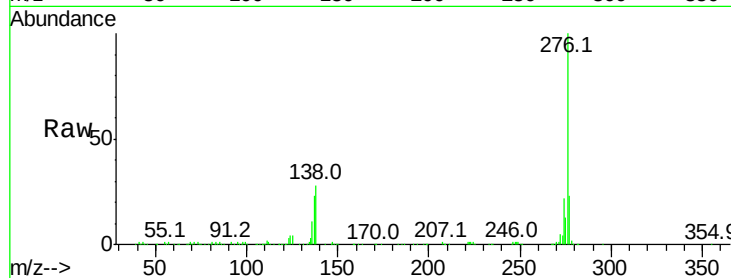
Tot Ion:276 Resp: 600972

Ion Ratio Lower Upper

276 100

277 23.4 17.9 26.9

138 28.3 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

