

Data Path : U:\HPCHEM1\BNA F\DATA\BF012918\
 Data File : BF102627.D
 Acq On : 30 Jan 2018 6:03
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 06:41:19 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	149009	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	619257	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	284026	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	437698	20.00	ng	0.00
75) Chrysene-d12	13.88	240	269885	20.00	ng	0.00
86) Perylene-d12	15.30	264	291803	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	790136	80.40	ng	0.00
7) Phenol-d6	6.36	99	923209	77.92	ng	0.00
23) Nitrobenzene-d5	7.29	82	833473	77.35	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	173136	61.52	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1422553	73.64	ng	0.00
78) Terphenyl-d14	12.82	244	962827	80.43	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	207823	44.508	ng	97
3) Pyridine	3.05	79	512293	41.983	ng	99
4) n-Nitrosodimethylamine	3.02	42	197806	41.349	ng	100
6) Aniline	6.38	93	595894	38.026	ng	# 68
8) 2-Chlorophenol	6.50	128	413305	40.120	ng	96
9) Benzaldehyde	6.26	77	259066	39.096	ng	99
10) Phenol	6.37	94	489190	37.820	ng	# 61
11) bis(2-Chloroethyl)ether	6.45	93	396548	40.309	ng	96
12) 1,3-Dichlorobenzene	6.65	146	473545	38.651	ng	99
13) 1,4-Dichlorobenzene	6.73	146	478693	39.004	ng	98
14) 1,2-Dichlorobenzene	6.88	146	441016	39.285	ng	98
15) Benzyl Alcohol	6.86	79	307279	36.758	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	629279	38.139	ng	77
17) 2-Methylphenol	6.98	107	343398	38.382	ng	# 92
18) Hexachloroethane	7.22	117	161042	37.656	ng	92
19) n-Nitroso-di-n-propylamine	7.13	70	279875	38.601	ng	97
20) 3+4-Methylphenols	7.14	107	446371	42.421	ng	93
22) Acetophenone	7.13	105	566216	38.356	ng	97
24) Nitrobenzene	7.30	77	432210	39.193	ng	98
25) Isophorone	7.54	82	750779	39.081	ng	99
26) 2-Nitrophenol	7.62	139	225014	38.769	ng	98
27) 2,4-Dimethylphenol	7.66	122	328835	39.018	ng	97
28) bis(2-Chloroethoxy)methane	7.75	93	470586	39.655	ng	100
29) 2,4-Dichlorophenol	7.86	162	340713	39.688	ng	99
30) 1,2,4-Trichlorobenzene	7.94	180	350002	38.034	ng	98
31) Naphthalene	8.02	128	1174616	37.991	ng	100
32) Benzoic acid	7.81	122	212675	30.120	ng	97
33) 4-Chloroaniline	8.07	127	509335	39.175	ng	99
34) Hexachlorobutadiene	8.13	225	189837	38.624	ng	99
35) Caprolactam	8.46	113	108717	38.345	ng	90
36) 4-Chloro-3-methylphenol	8.57	107	359601	39.740	ng	96
37) 2-Methylnaphthalene	8.71	142	787702	38.255	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	322658	37.759	ng	98
40) Hexachlorocyclopentadiene	8.86	237	86563	22.636	ng	94

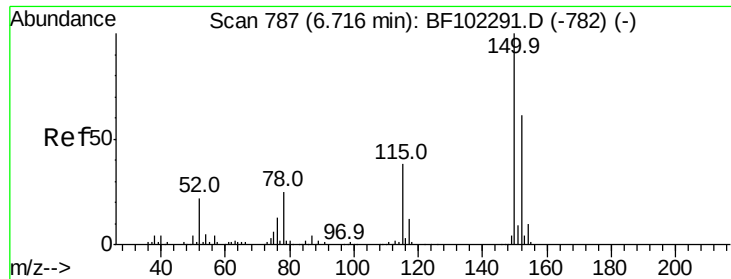
Data Path : U:\HPCHEM1\BNA F\DATA\BF012918\
 Data File : BF102627.D
 Acq On : 30 Jan 2018 6:03
 Operator : SJ/JU
 Sample : SSTDC0040
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	206961	36.180	nq	98
43) 2,4,5-Trichlorophenol	9.05	196	232368	36.078	nq	97
45) 1,1'-Biphenyl	9.17	154	964403	37.974	nq	99
46) 2-Chloronaphthalene	9.20	162	736018	37.285	nq	100
47) 2-Nitroaniline	9.30	65	247171	40.162	nq	95
48) Acenaphthylene	9.62	152	1132126	36.812	nq	99
49) Dimethylphthalate	9.47	163	893414	38.056	nq	100
50) 2,6-Dinitrotoluene	9.55	165	189868	37.512	nq	93
51) Acenaphthene	9.79	154	665890	37.074	nq	99
52) 3-Nitroaniline	9.72	138	230104	38.429	nq	# 92
53) 2,4-Dinitrophenol	9.83	184	71815	33.857	nq	# 19
54) Dibenzofuran	9.96	168	908934	37.392	nq	98
55) 4-Nitrophenol	9.90	139	159085	40.249	nq	96
56) 2,4-Dinitrotoluene	9.96	165	215261	34.584	nq	# 88
57) Fluorene	10.30	166	734210	38.117	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	152057	33.065	nq	99
59) Diethylphthalate	10.17	149	842556	36.932	nq	98
60) 4-Chlorophenyl-phenylether	10.29	204	327691	39.239	nq	97
61) 4-Nitroaniline	10.33	138	195895	32.786	nq	92
62) Azobenzene	10.45	77	801118	38.355	nq	98
64) 4,6-Dinitro-2-methylphenol	10.36	198	75367	25.809	nq	95
65) n-Nitrosodiphenylamine	10.41	169	666275	41.473	nq	99
66) 4-Bromophenyl-phenylether	10.78	248	195090	41.404	nq	# 90
67) Hexachlorobenzene	10.85	284	189760	36.010	nq	99
68) Atrazine	10.94	200	186535	39.314	nq	97
69) Pentachlorophenol	11.05	266	107690	38.902	nq	98
70) Phenanthrene	11.26	178	957580	37.544	nq	98
71) Anthracene	11.31	178	983211	37.767	nq	99
72) Carbazole	11.47	167	924946	36.419	nq	100
73) Di-n-butylphthalate	11.79	149	1267760	39.934	nq	99
74) Fluoranthene	12.45	202	873260	33.575	nq	98
76) Benzidine	12.58	184	474022	52.283	nq	98
77) Pyrene	12.68	202	830452	39.798	nq	99
79) Butylbenzylphthalate	13.29	149	430181	41.426	nq	96
80) Benzo(a)anthracene	13.87	228	665365	40.044	nq	100
81) 3,3'-Dichlorobenzidine	13.83	252	245329	40.249	nq	98
82) Chrysene	13.90	228	656833	38.927	nq	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	604714	43.332	nq	# 99
84) Di-n-octyl phthalate	14.46	149	876454	38.619	nq	100
85) Indeno(1,2,3-cd)pyrene	16.72	276	604849	43.405	nq	97
87) Benzo(b)fluoranthene	14.90	252	633403	33.490	nq	98
88) Benzo(k)fluoranthene	14.93	252	630902	35.307	nq	98
89) Benzo(a)pyrene	15.25	252	644921	37.808	nq	98
90) Dibenzo(a,h)anthracene	16.72	278	503274	36.423	nq	96
91) Benzo(g,h,i)perylene	17.13	276	500087	36.654	nq	96

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

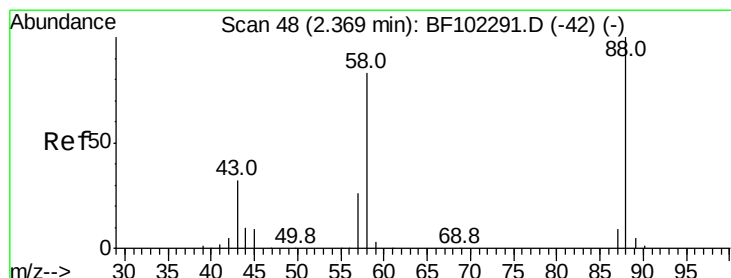
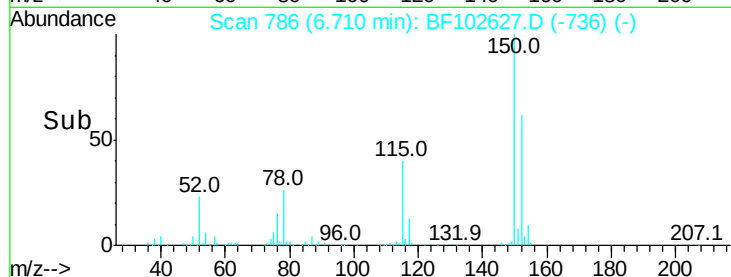
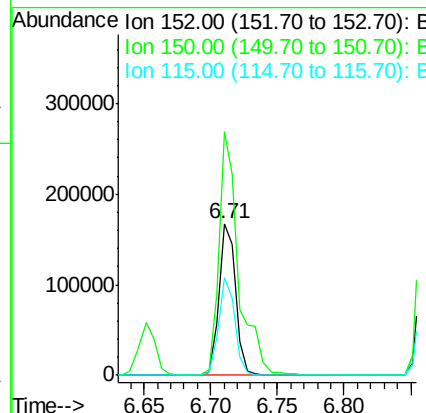
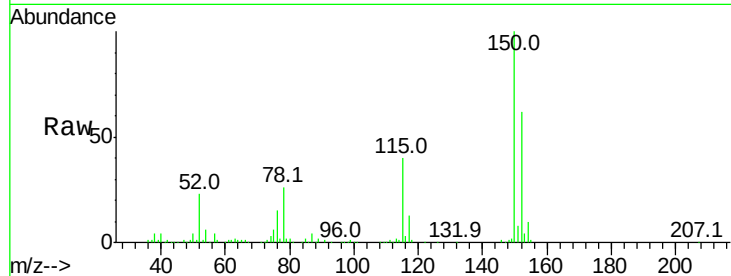


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102627.D
Acq: 30 Jan 2018 6:03

Instrument :
BNA_F
ClientSampleId :

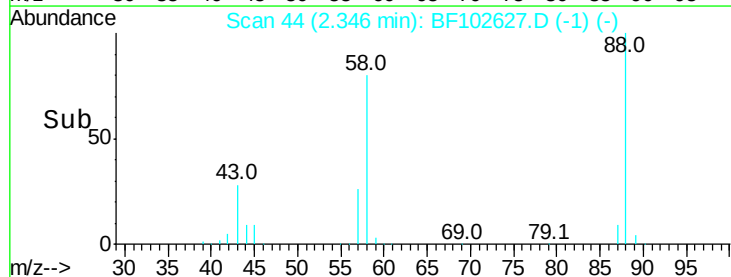
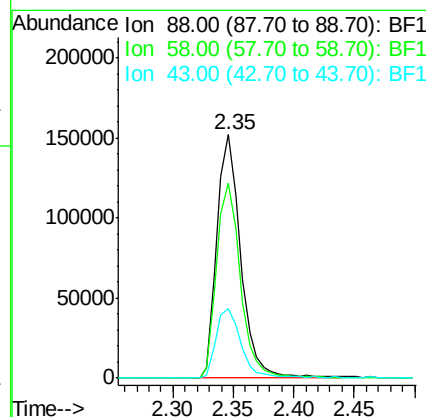
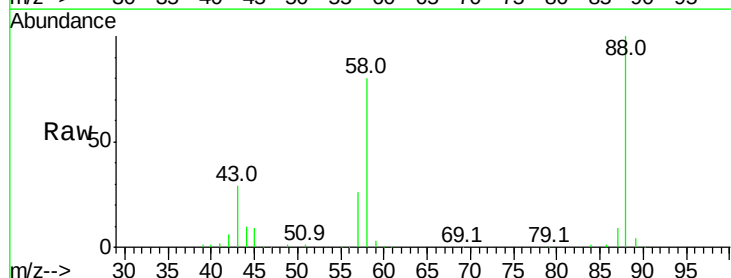
Tot Ion:152 Resp: 149009
Ion Ratio Lower Upper
152 100
150 160.1 124.6 186.8
115 64.1 50.1 75.1

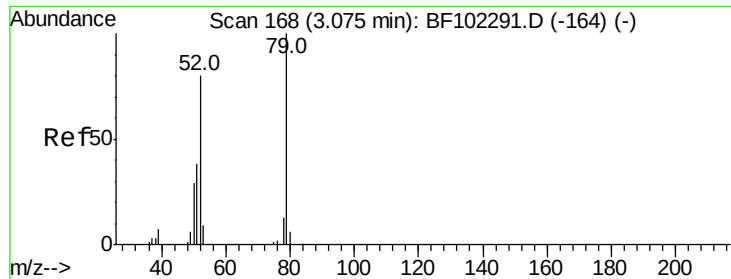


#2

1,4-Dioxane
Concen: 44.508 ng
RT: 2.35 min Scan# 44
Delta R.T. -0.02 min
Lab File: BF102627.D
Acq: 30 Jan 2018 6:03

Tgt Ion: 88 Resp: 207823
Ion Ratio Lower Upper
88 100
58 80.6 62.6 93.8
43 29.3 24.6 37.0

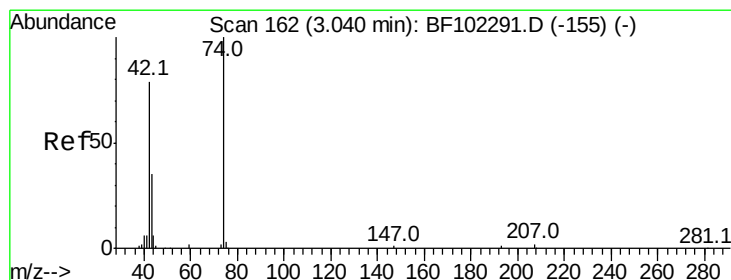
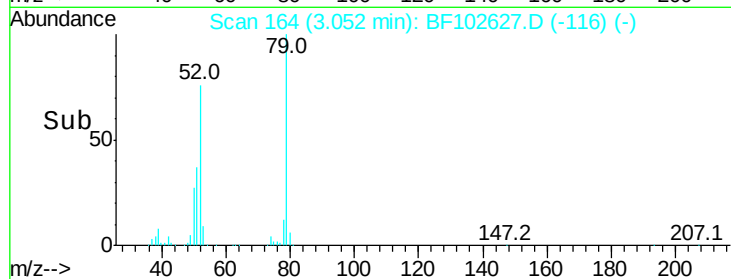
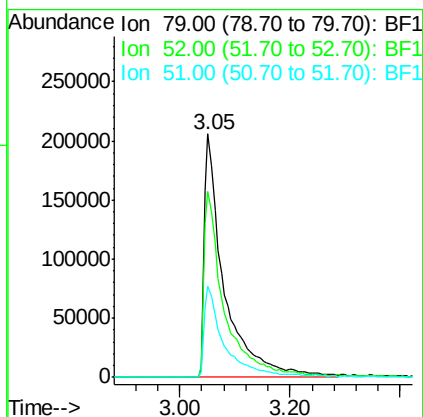
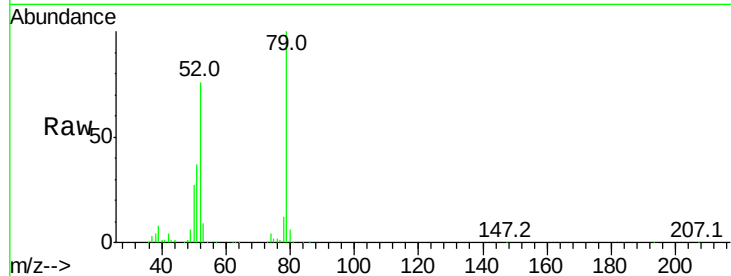




#3
 Pvridine
 Concen: 41.983 ng
 RT: 3.05 min Scan# 164
 Delta R.T. -0.02 min
 Lab File: BF102627.D
 Acq: 30 Jan 2018 6:03

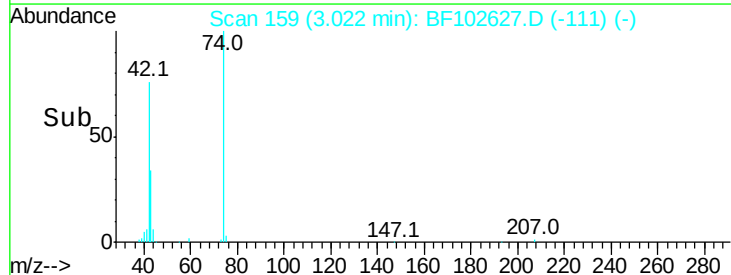
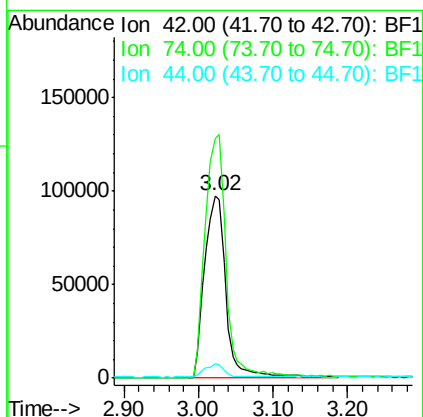
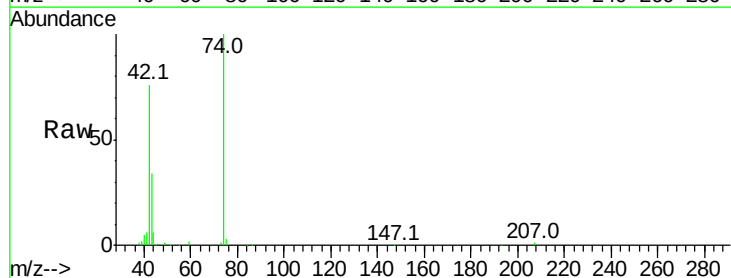
Instrument :
 BNA_F
 ClientSampleId :

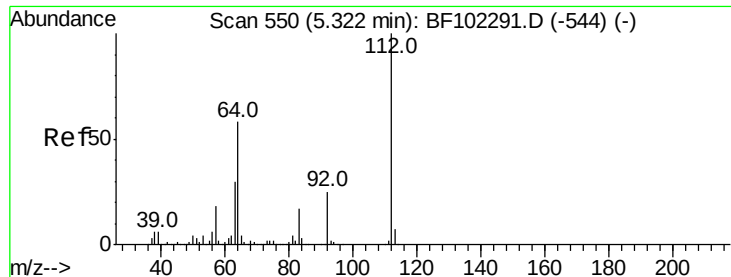
Tot Ion: 79 Resp: 512293
 Ion Ratio Lower Upper
 79 100
 52 76.2 59.8 89.6
 51 37.4 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 41.349 ng
 RT: 3.02 min Scan# 159
 Delta R.T. -0.02 min
 Lab File: BF102627.D
 Acq: 30 Jan 2018 6:03

Tgt Ion: 42 Resp: 197806
 Ion Ratio Lower Upper
 42 100
 74 131.4 104.9 157.3
 44 8.0 6.9 10.3





#5

2-Fluorophenol

Concen: 80.401 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF102627.D

Acq: 30 Jan 2018 6:03

Instrument :

BNA_F

ClientSampleId :

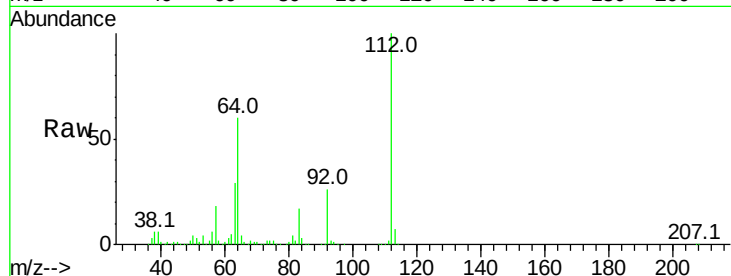
Tot Ion:112 Resp: 790136

Ion Ratio Lower Upper

112 100

64 60.3 47.9 71.9

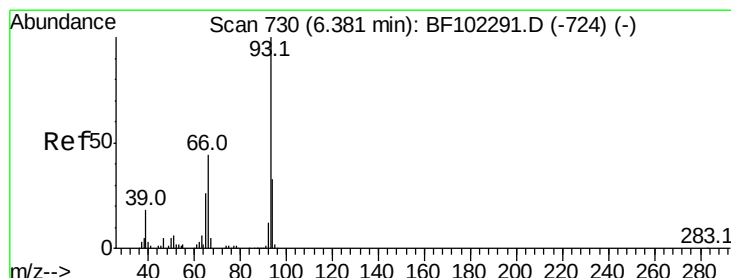
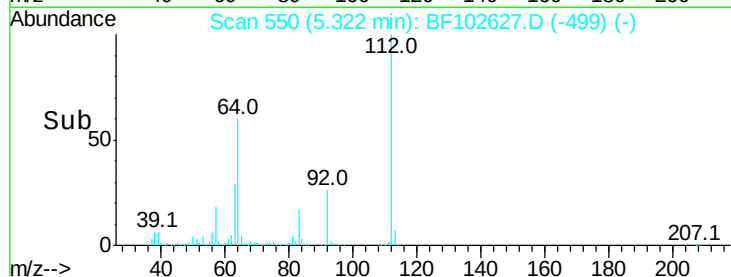
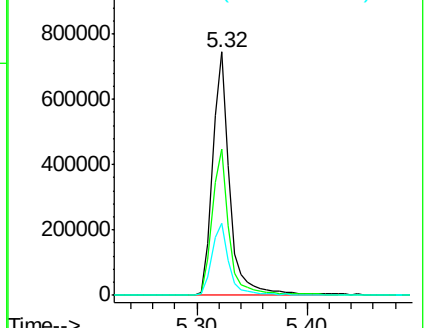
63 29.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.026 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF102627.D

Acq: 30 Jan 2018 6:03

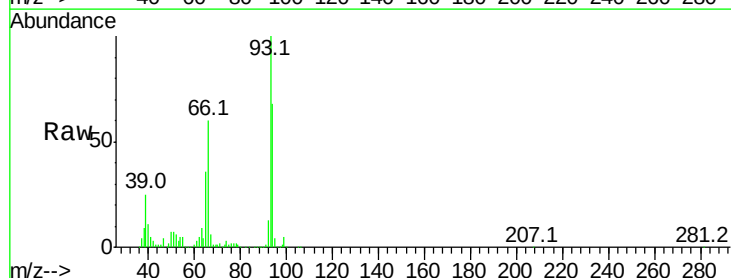
Tgt Ion: 93 Resp: 595894

Ion Ratio Lower Upper

93 100

66 60.2 32.2 48.2#

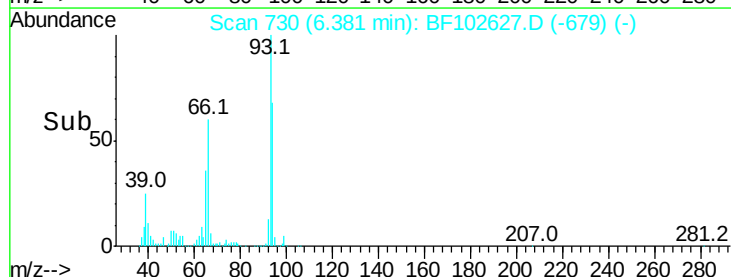
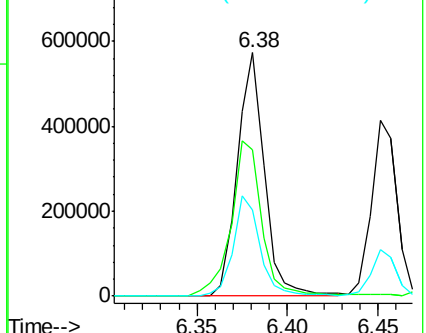
65 35.5 16.4 24.6#

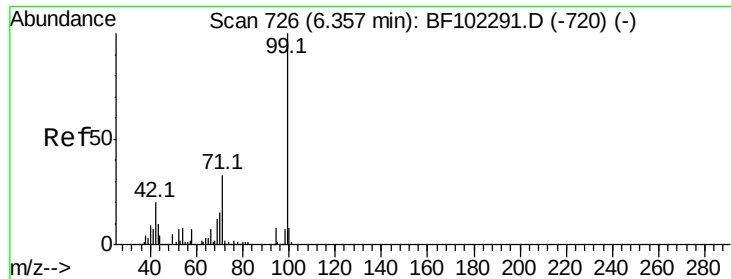


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.922 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF102627.D

Acq: 30 Jan 2018 6:03

Instrument :

BNA_F

ClientSampled :

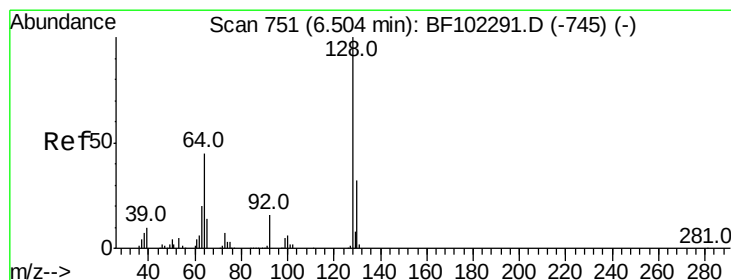
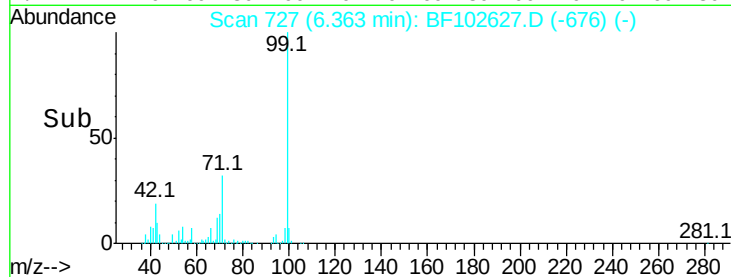
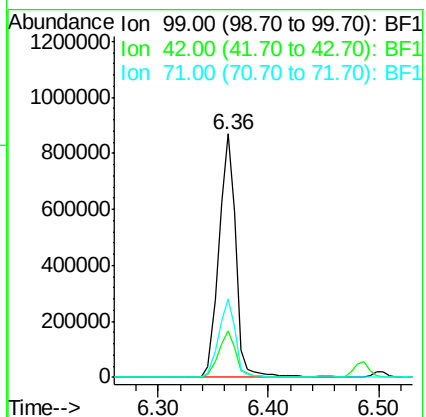
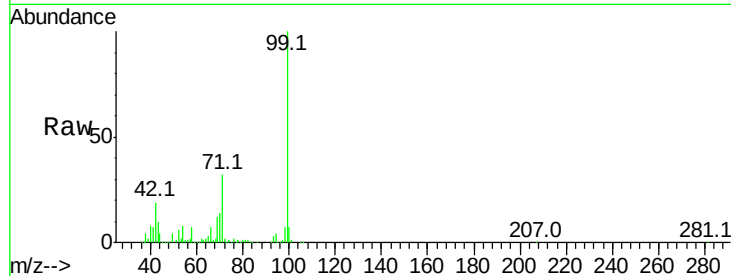
Tot Ion: 99 Resp: 923209

Ion Ratio Lower Upper

99 100

42 19.1 14.5 21.7

71 32.4 25.4 38.0



#8

2-Chlorophenol

Concen: 40.120 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF102627.D

Acq: 30 Jan 2018 6:03

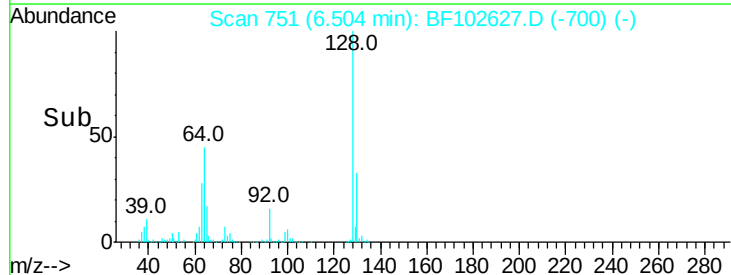
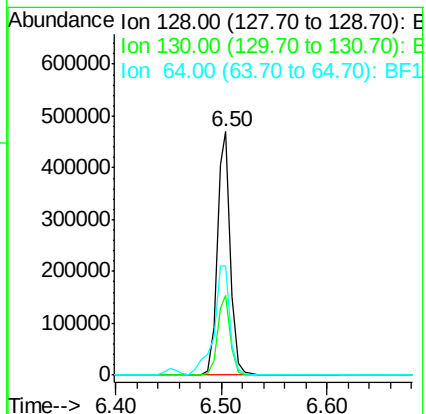
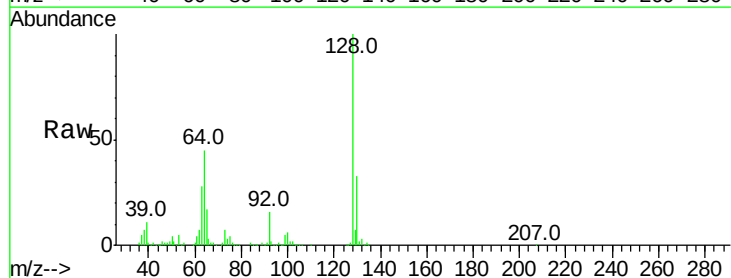
Tgt Ion: 128 Resp: 413305

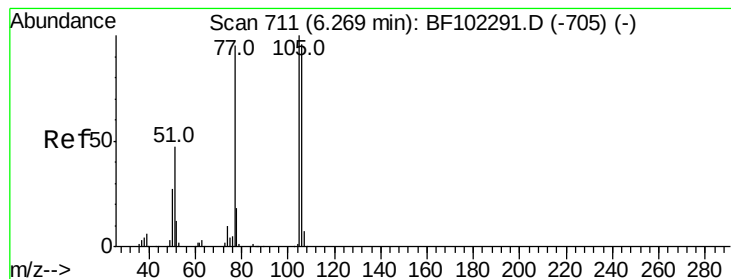
Ion Ratio Lower Upper

128 100

130 32.9 13.0 53.0

64 45.0 29.4 69.4





#9

Benzaldehyde

Concen: 39.096 ng

RT: 6.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF102627.D

Acq: 30 Jan 2018 6:03

Instrument :

BNA_F

ClientSampleId :

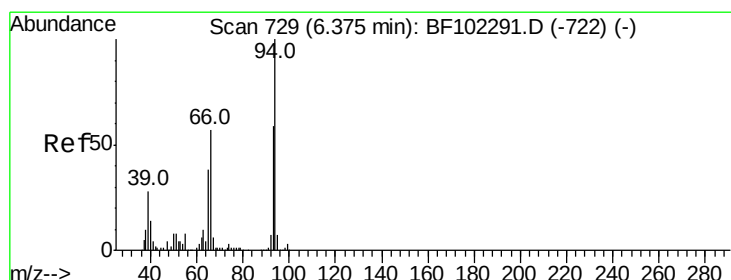
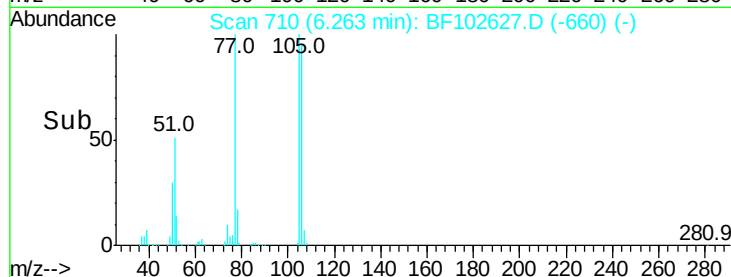
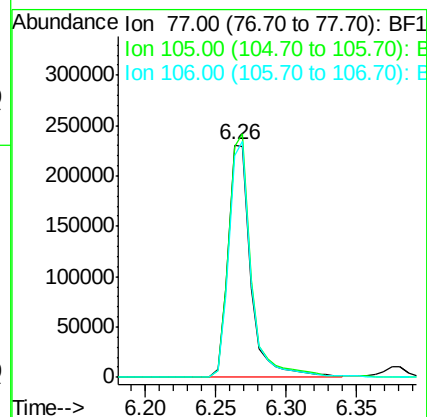
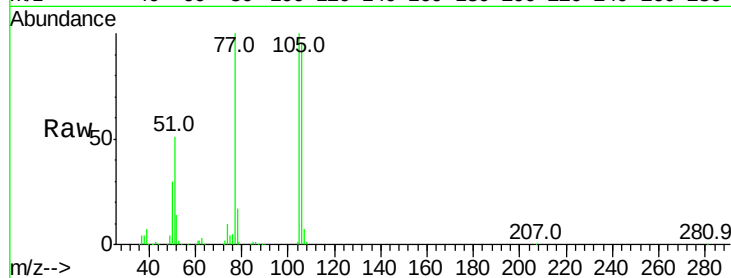
Tot Ion: 77 Resp: 259066

Ion Ratio Lower Upper

77 100

105 99.6 81.1 121.1

106 95.4 74.5 114.5



#10

Phenol

Concen: 37.820 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF102627.D

Acq: 30 Jan 2018 6:03

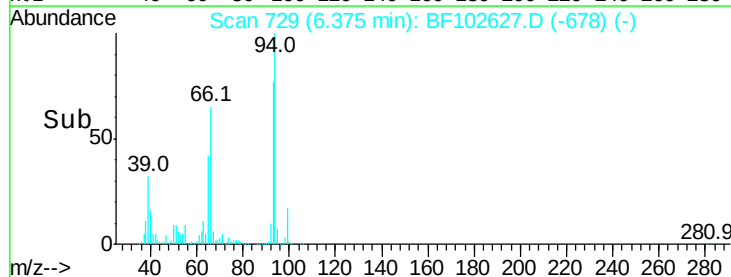
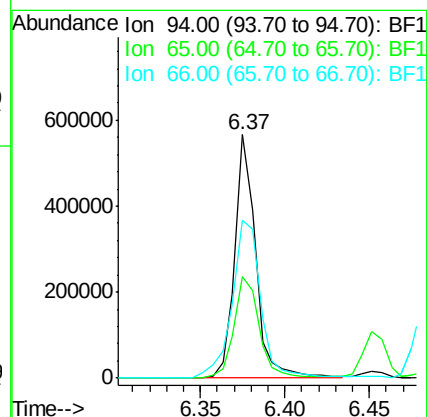
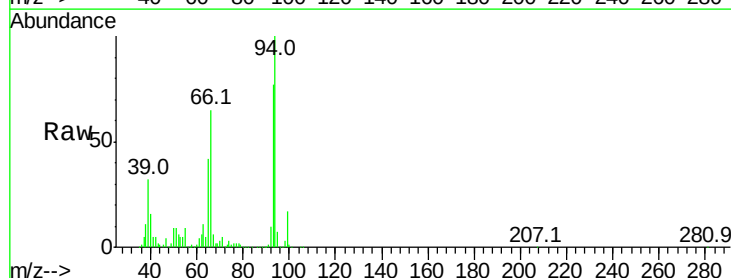
Tgt Ion: 94 Resp: 489190

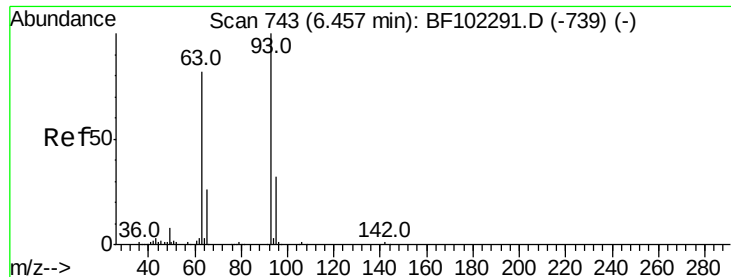
Ion Ratio Lower Upper

94 100

65 41.8 7.9 47.9

66 64.7 16.2 56.2#





#11

bis(2-Chloroethyl)ether

Concen: 40.309 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF102627.D

Acq: 30 Jan 2018 6:03

Instrument :

BNA_F

ClientSampleId :

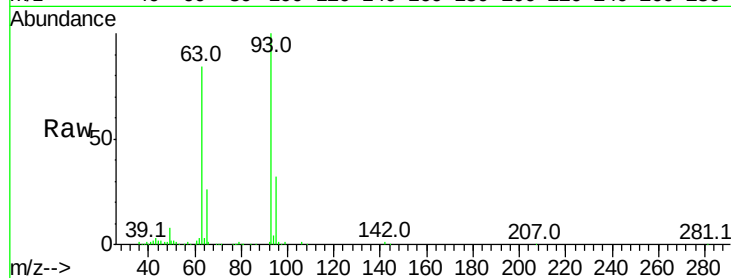
Tot Ion: 93 Resp: 396548

Ion Ratio Lower Upper

93 100

63 83.8 58.6 98.6

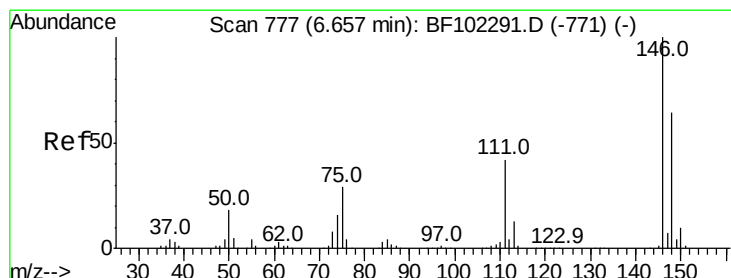
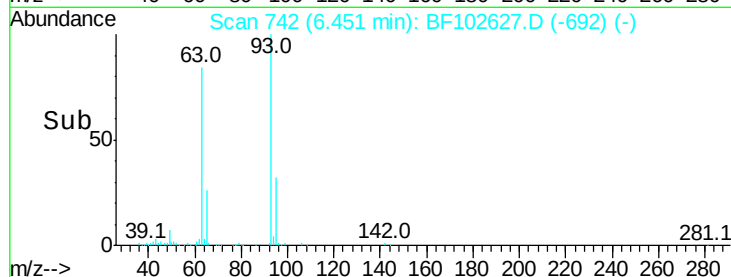
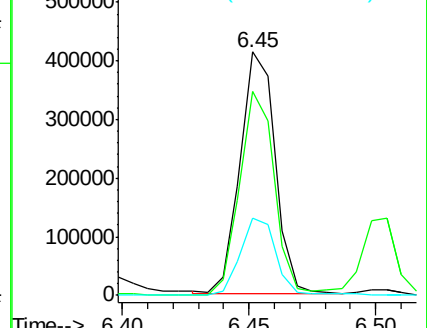
95 31.8 11.8 51.8



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: 38.651 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF102627.D

Acq: 30 Jan 2018 6:03

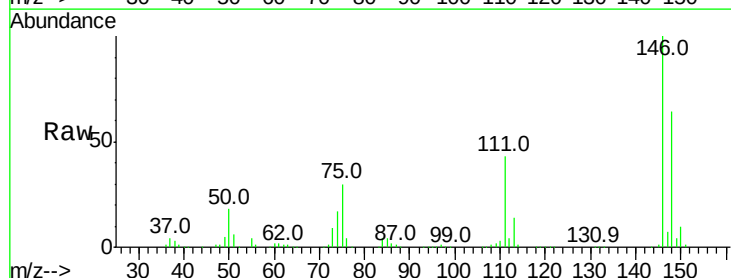
Tgt Ion: 146 Resp: 473545

Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.8

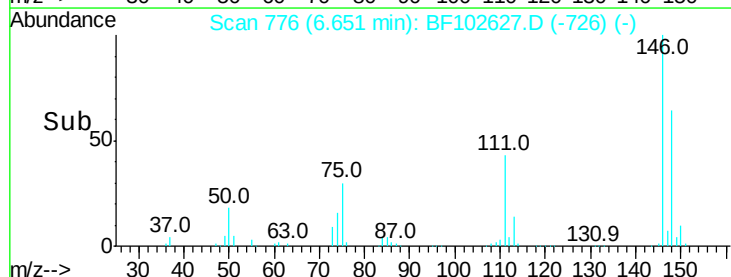
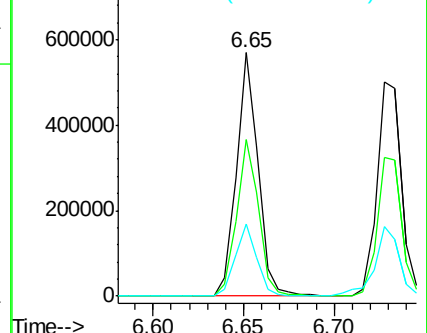
75 29.7 24.2 36.4

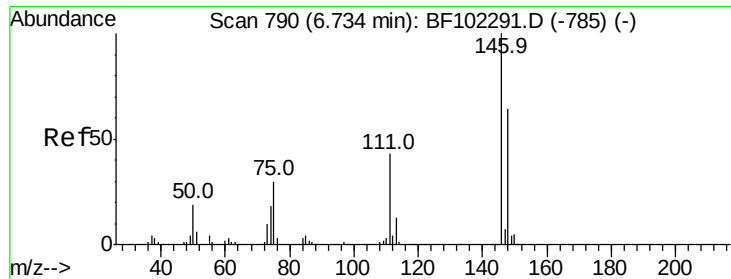


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

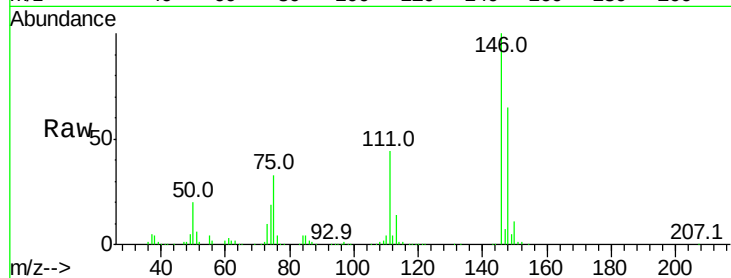




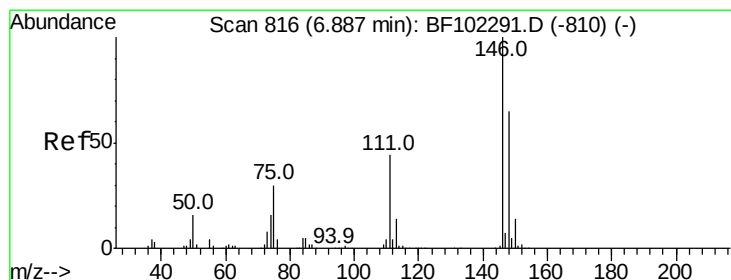
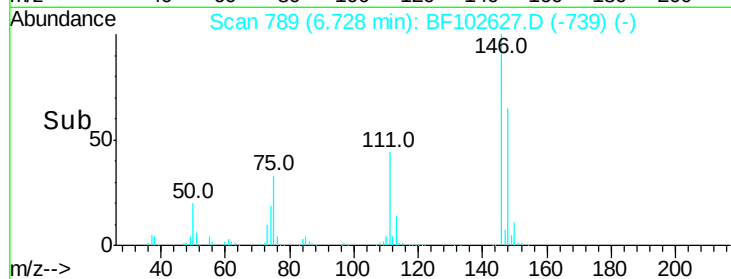
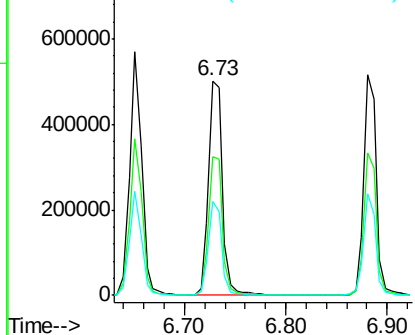
#13
 1,4-Dichlorobenzene
 Concen: 39.004 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF102627.D
 Acq: 30 Jan 2018 6:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 478693
 Ion Ratio Lower Upper
 146 100
 148 64.8 50.8 76.2
 111 43.7 34.2 51.2

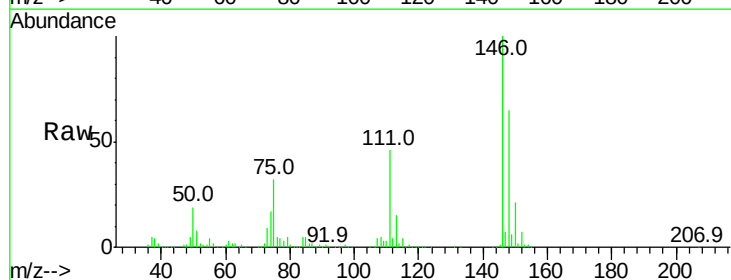


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

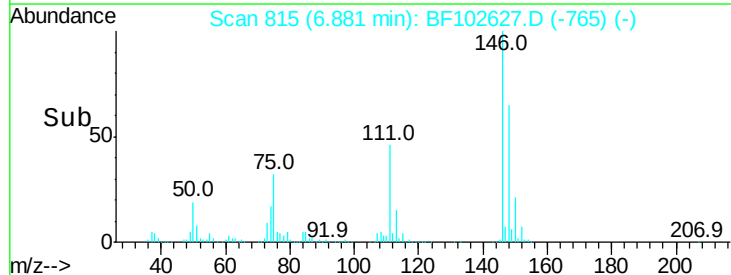
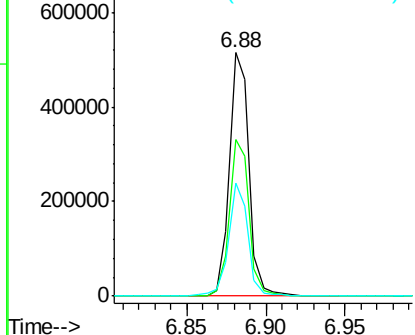


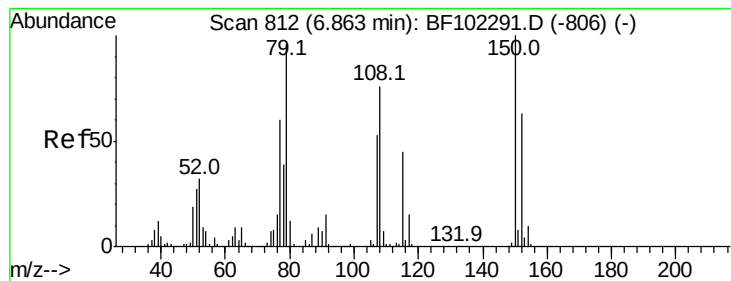
#14
 1,2-Dichlorobenzene
 Concen: 39.285 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF102627.D
 Acq: 30 Jan 2018 6:03

Tgt Ion:146 Resp: 441016
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.6 75.8
 111 46.3 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.758 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF102627.D

Acq: 30 Jan 2018 6:03

Instrument :

BNA_F

ClientSampled :

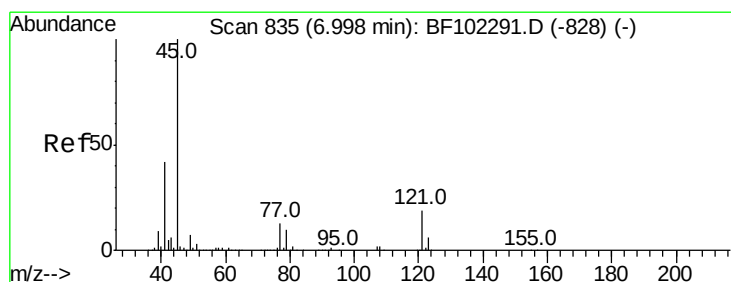
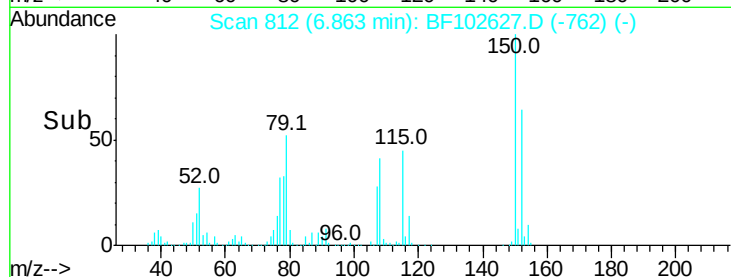
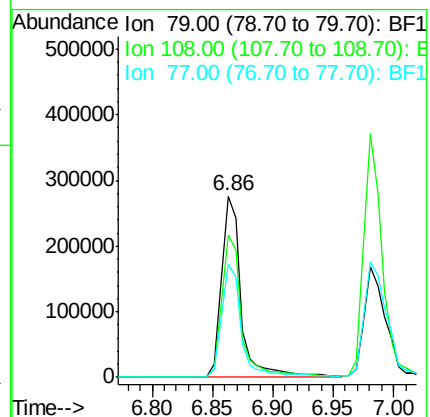
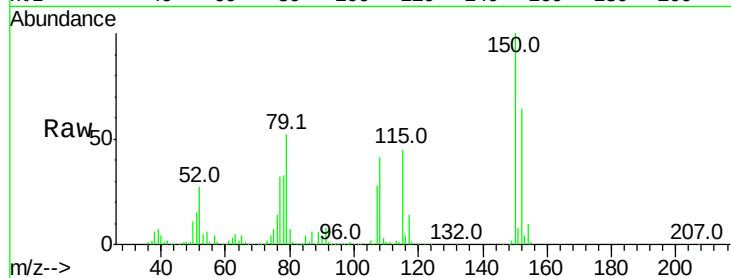
Tot Ion: 79 Resp: 307279

Ion Ratio Lower Upper

79 100

108 78.7 65.1 97.7

77 62.2 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.139 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF102627.D

Acq: 30 Jan 2018 6:03

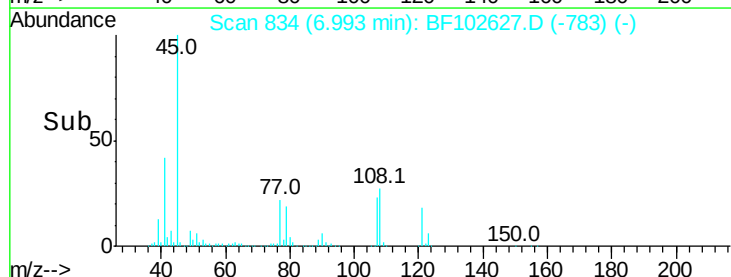
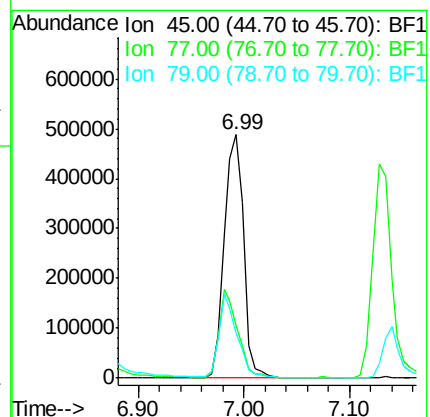
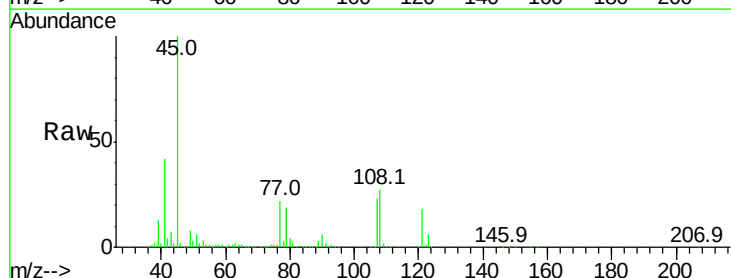
Tgt Ion: 45 Resp: 629279

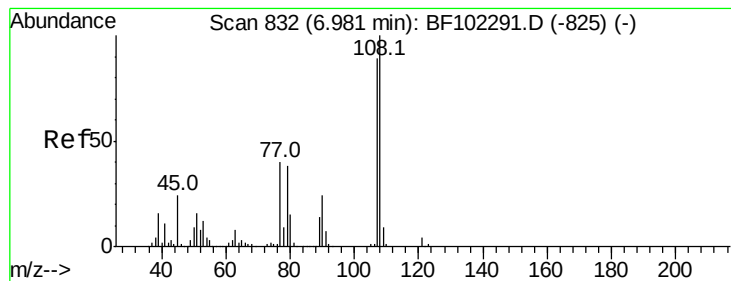
Ion Ratio Lower Upper

45 100

77 21.8 0.0 32.9

79 18.8 0.0 29.6

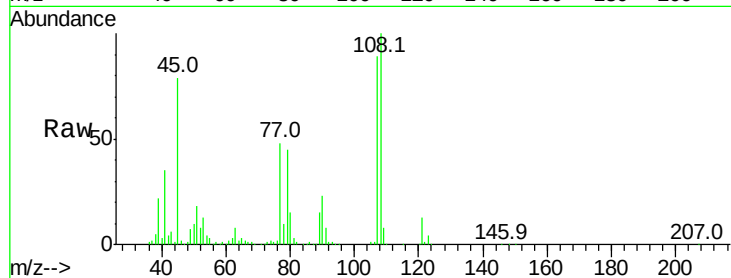




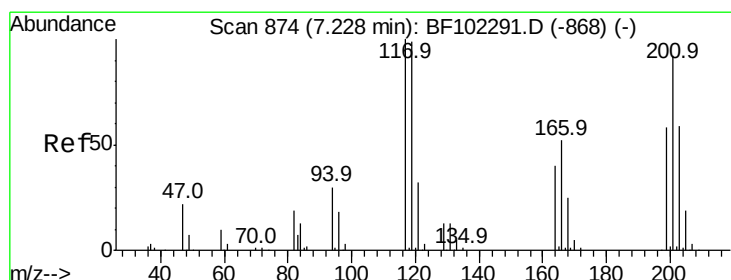
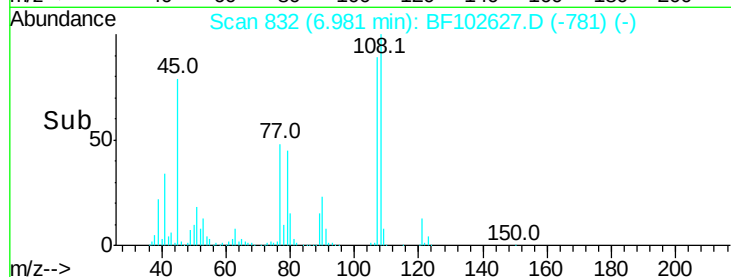
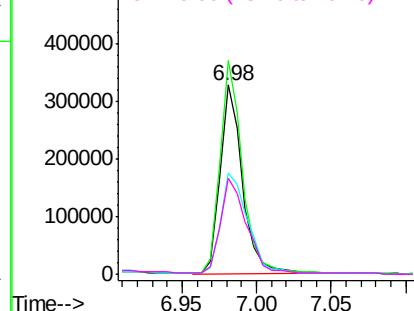
#17
2-Methylphenol
Concen: 38.382 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF102627.D
Acq: 30 Jan 2018 6:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 343398
Ion Ratio Lower Upper
107 100
108 112.8 91.7 137.5
77 53.8 33.8 50.8#
79 50.9 33.8 50.8#

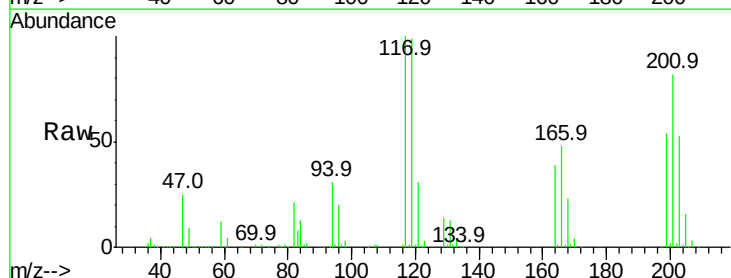


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

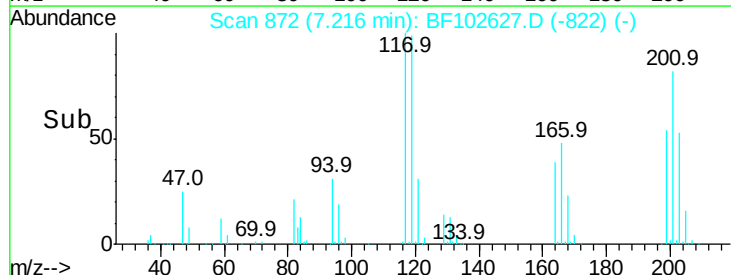
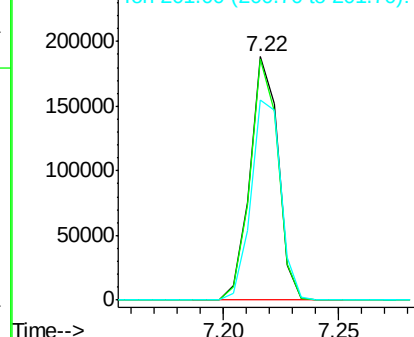


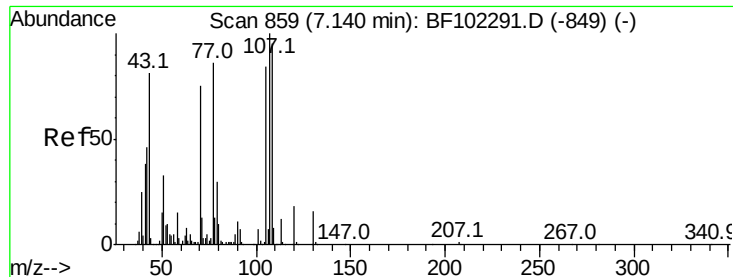
#18
Hexachloroethane
Concen: 37.656 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF102627.D
Acq: 30 Jan 2018 6:03

Tgt Ion:117 Resp: 161042
Ion Ratio Lower Upper
117 100
119 98.8 75.8 113.8
201 82.4 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

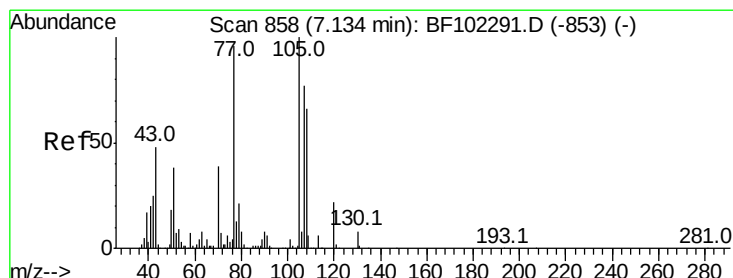
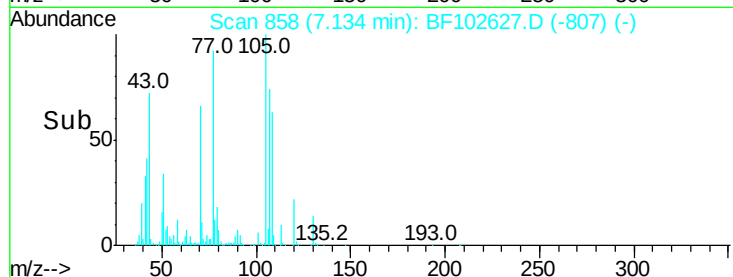
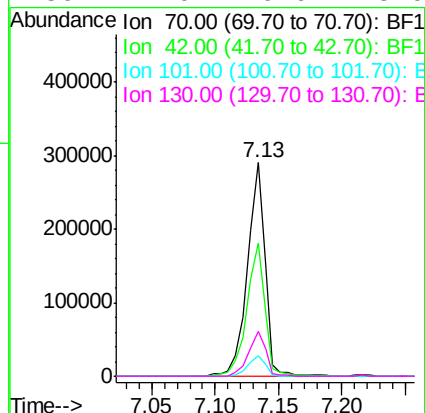
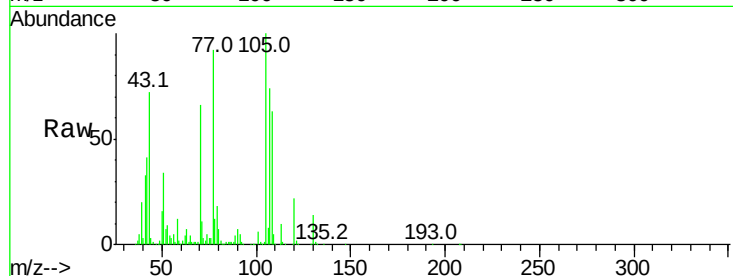




#19
n-Nitroso-di-n-propylamine
Concen: 38.601 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF102627.D
Acq: 30 Jan 2018 6:03

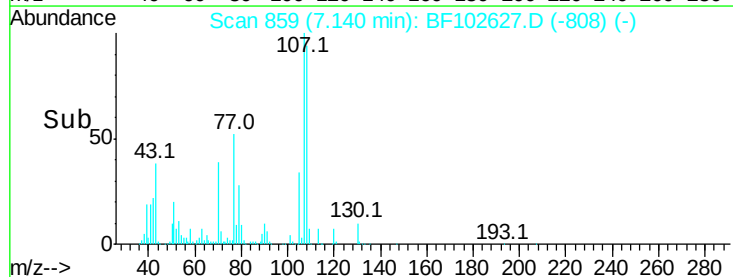
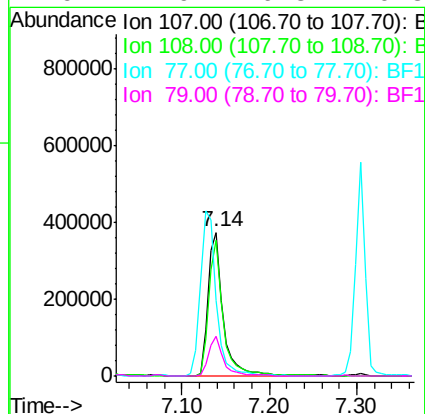
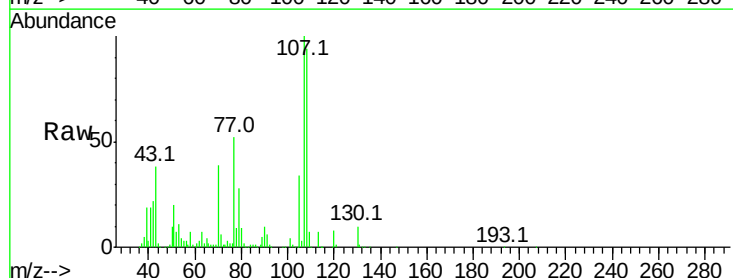
Instrument :
BNA_F
ClientSampleId :

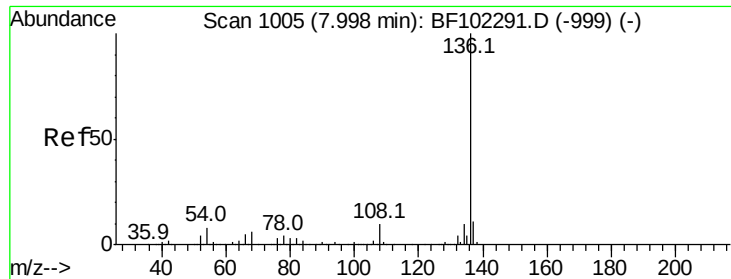
Tot Ion	Ratio	Lower	Upper
70	100		
42	62.6	47.5	71.3
101	9.7	7.4	11.2
130	21.0	16.6	25.0



#20
3+4-Methylphenols
Concen: 42.421 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF102627.D
Acq: 30 Jan 2018 6:03

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.5	68.2	108.2
77	52.5	26.7	66.7
79	27.9	6.3	46.3

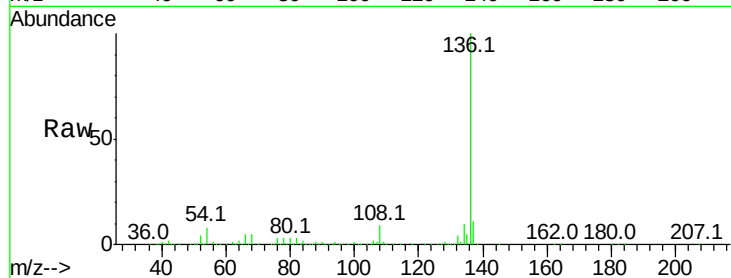




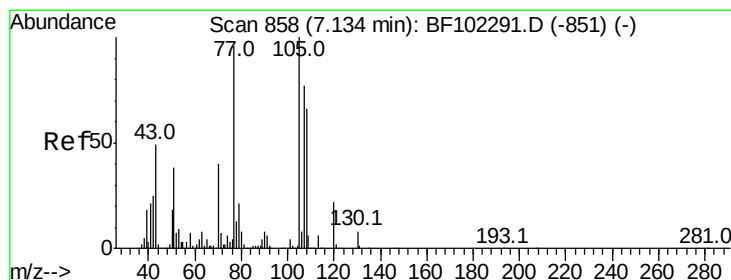
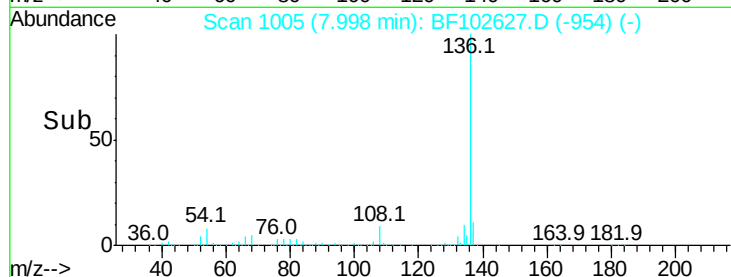
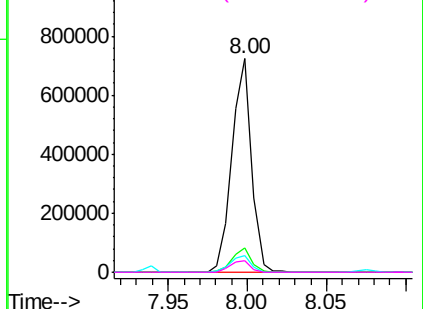
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF102627.D
Acq: 30 Jan 2018 6:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp: 619257
Ion Ratio	Lower Upper
136 100	
137 11.1	8.9 13.3
54 7.8	6.6 9.8
68 5.5	5.0 7.4

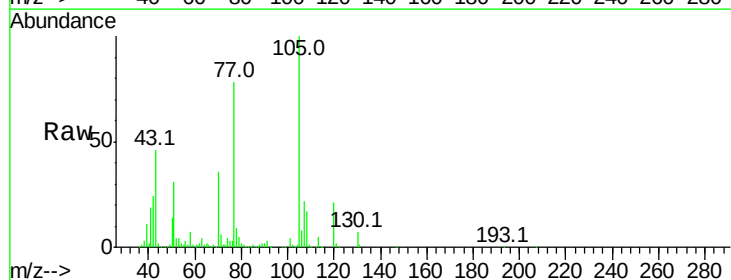


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

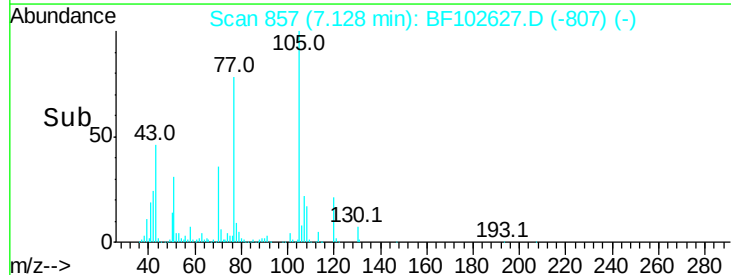
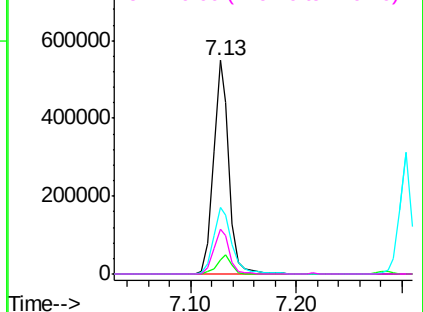


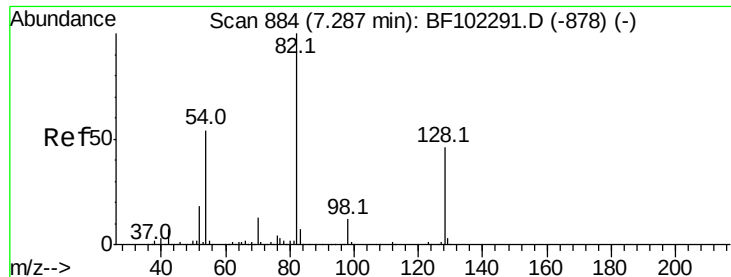
#22
Acetophenone
Concen: 38.356 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF102627.D
Acq: 30 Jan 2018 6:03

Tgt	Ion:105	Resp:	566216
Ion	Ratio	Lower	Upper
105	100		
71	6.4	4.4	6.6
51	31.1	22.3	33.5
120	21.0	16.9	25.3



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

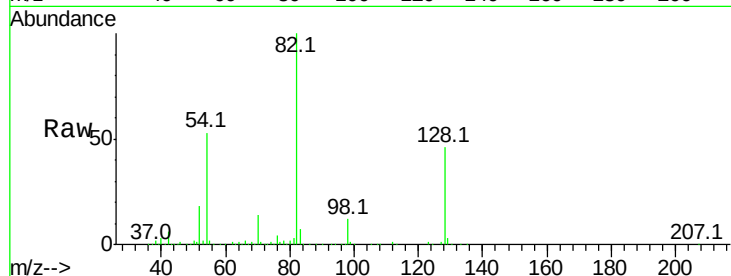




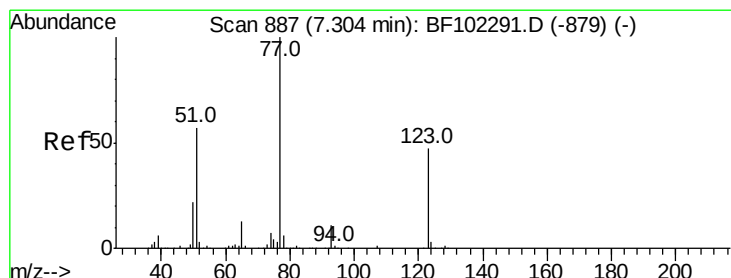
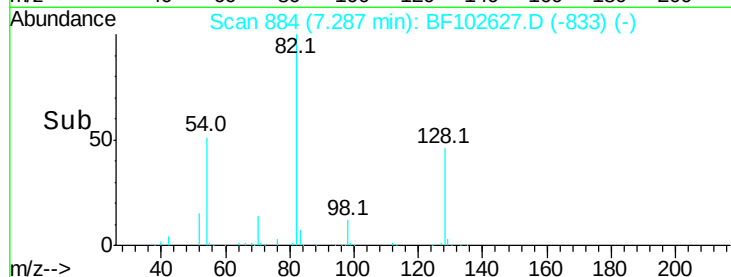
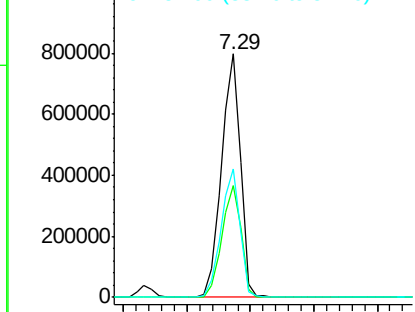
#23
 Nitrobenzene-d5
 Concen: 77.346 ng
 RT: 7.29 min Scan# 884
 Delta R.T. 0.00 min
 Lab File: BF102627.D
 Acq: 30 Jan 2018 6:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 833473
 Ion Ratio Lower Upper
 82 100
 128 46.2 36.1 54.1
 54 52.6 41.4 62.2

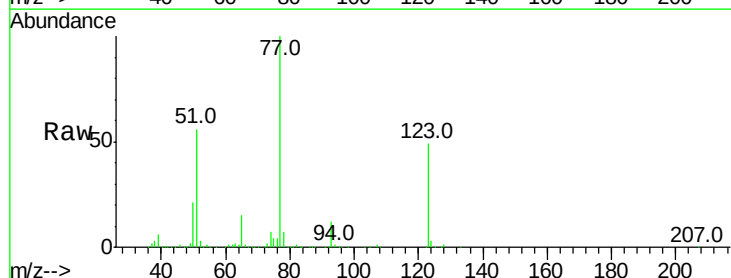


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

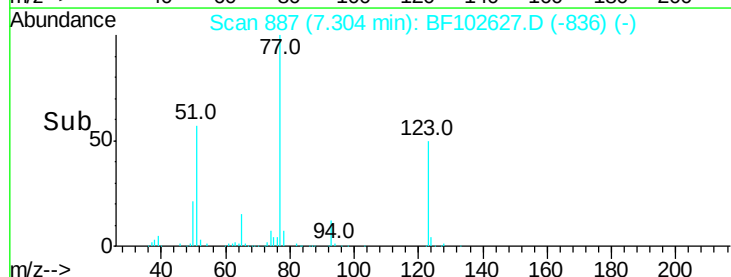
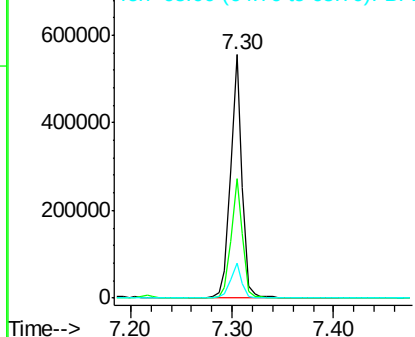


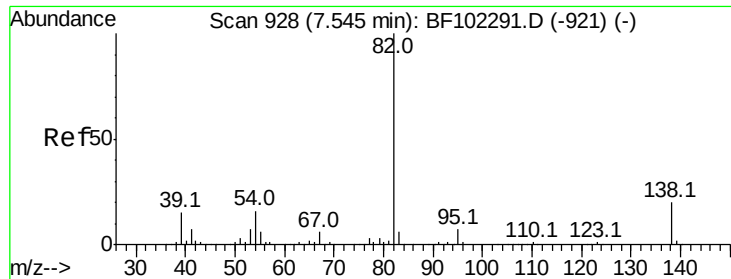
#24
 Nitrobenzene
 Concen: 39.193 ng
 RT: 7.30 min Scan# 887
 Delta R.T. 0.00 min
 Lab File: BF102627.D
 Acq: 30 Jan 2018 6:03

Tgt Ion: 77 Resp: 432210
 Ion Ratio Lower Upper
 77 100
 123 49.0 37.9 56.9
 65 14.5 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: 39.081 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF102627.D

Acq: 30 Jan 2018 6:03

Instrument :

BNA_F

ClientSampleId :

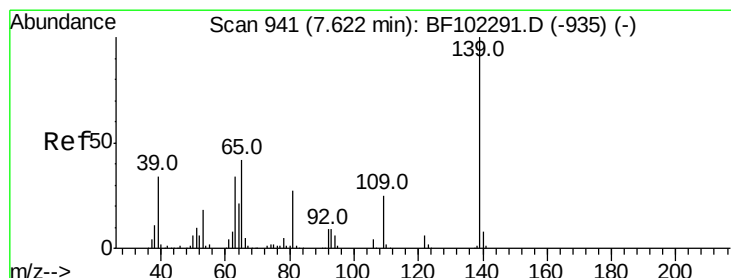
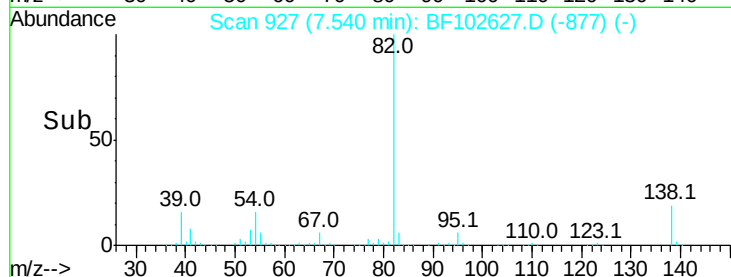
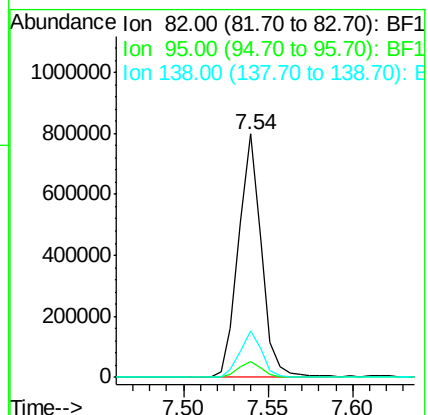
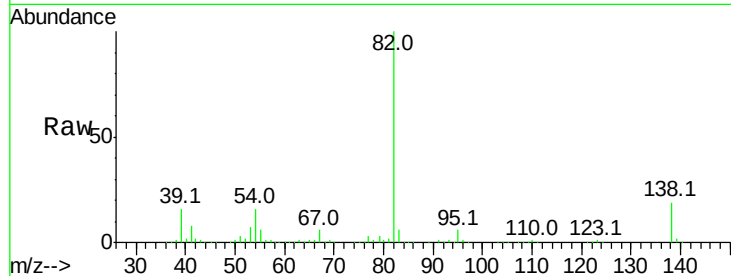
Tot Ion: 82 Resp: 750779

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 19.3 14.9 22.3



#26

2-Nitrophenol

Concen: 38.769 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF102627.D

Acq: 30 Jan 2018 6:03

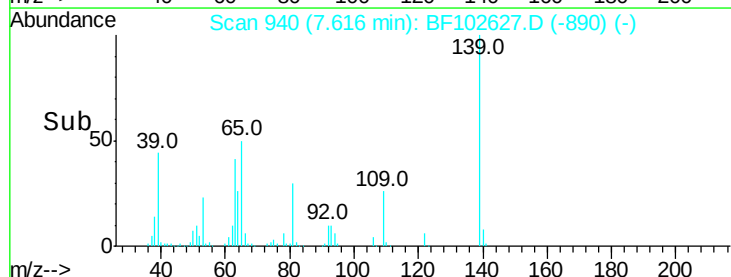
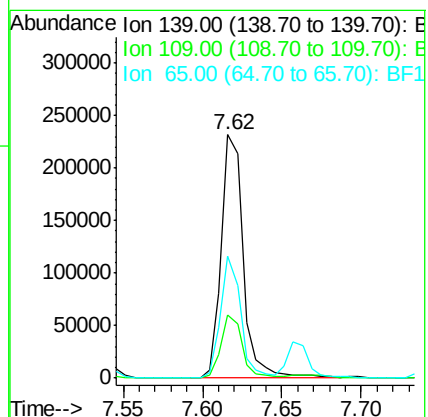
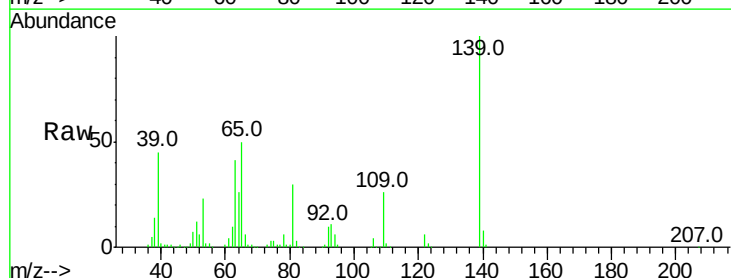
Tgt Ion: 139 Resp: 225014

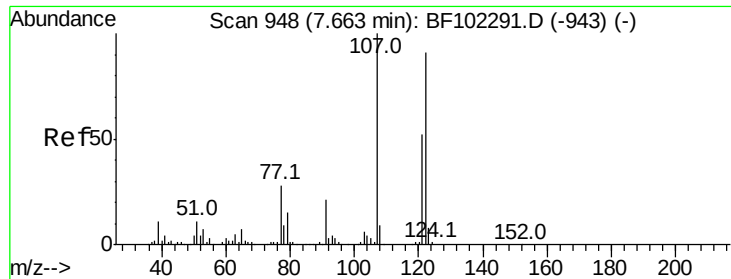
Ion Ratio Lower Upper

139 100

109 26.0 22.7 34.1

65 50.3 40.5 60.7

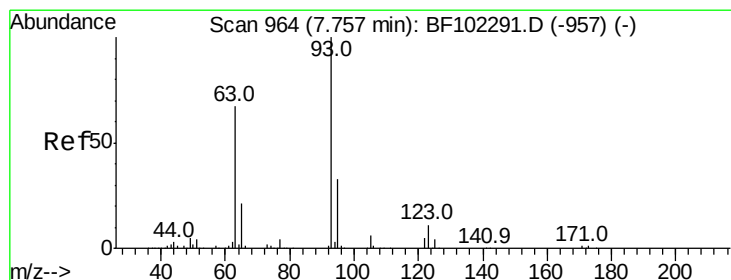
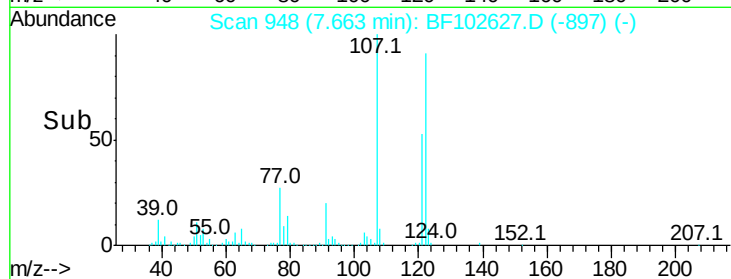
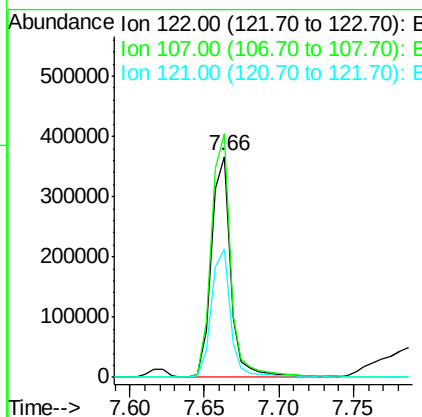
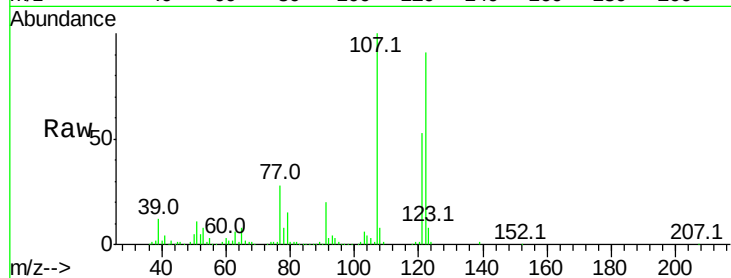




#27
 2,4-Dimethylphenol
 Concen: 39.018 ng
 RT: 7.66 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: BF102627.D
 Acq: 30 Jan 2018 6:03

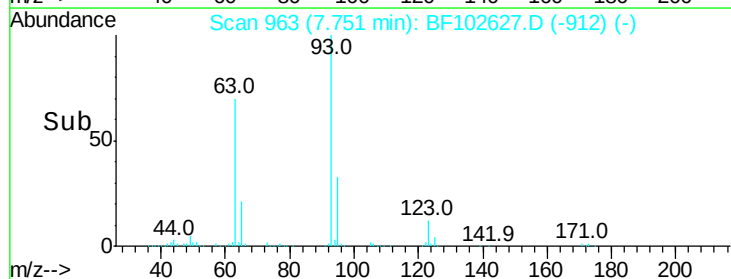
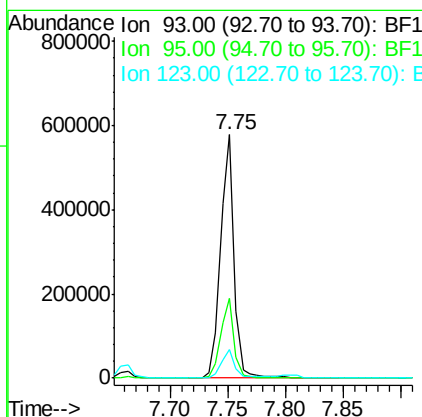
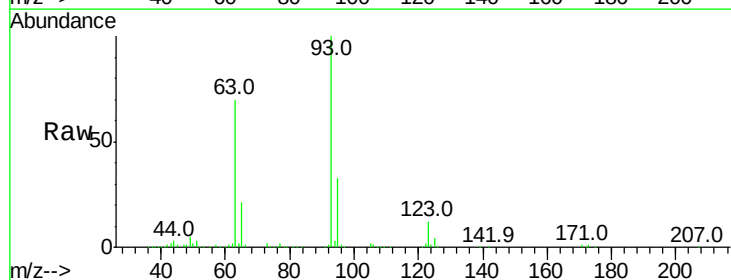
Instrument :
 BNA_F
 ClientSampleId :

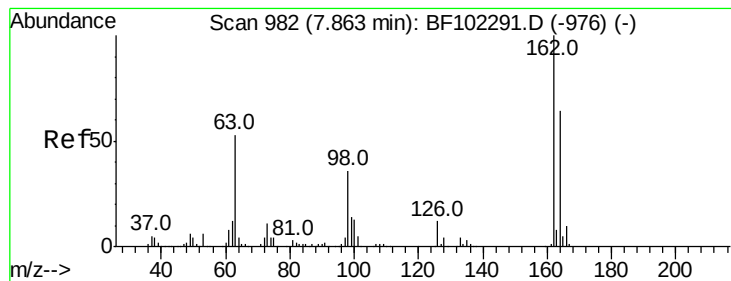
Tot Ion:122 Resp: 328835
 Ion Ratio Lower Upper
 122 100
 107 110.1 91.2 136.8
 121 58.3 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.655 ng
 RT: 7.75 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BF102627.D
 Acq: 30 Jan 2018 6:03

Tgt Ion: 93 Resp: 470586
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.3 39.5
 123 11.7 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 39.688 ng

RT: 7.86 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF102627.D

Acq: 30 Jan 2018 6:03

Instrument :

BNA_F

ClientSampleId :

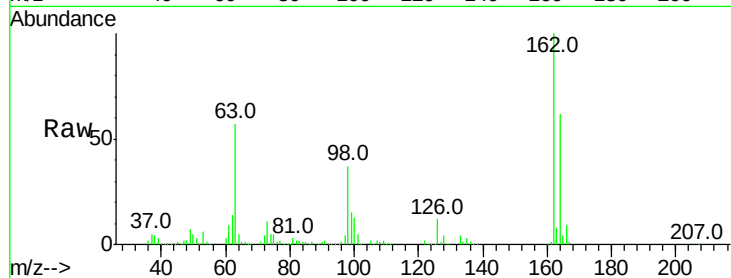
Tot Ion:162 Resp: 340713

Ion Ratio Lower Upper

162 100

164 61.7 42.7 82.7

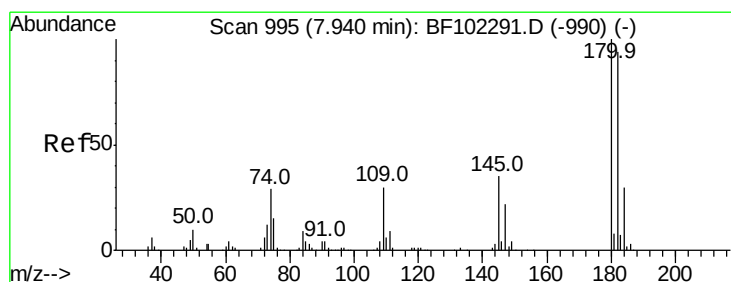
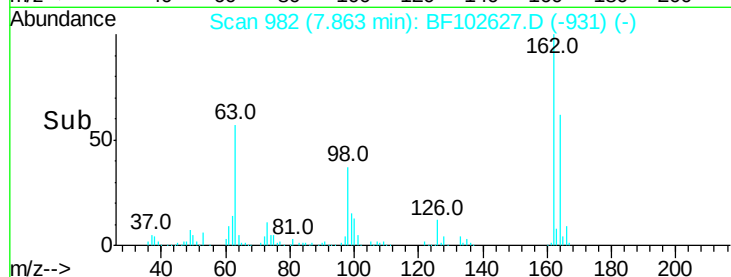
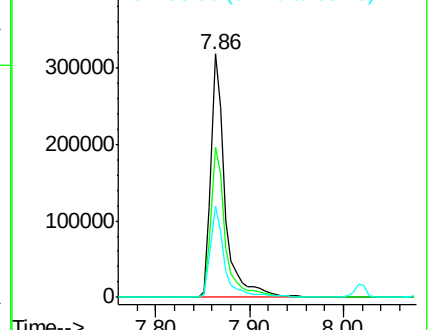
98 37.5 18.1 58.1



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: 38.034 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.00 min

Lab File: BF102627.D

Acq: 30 Jan 2018 6:03

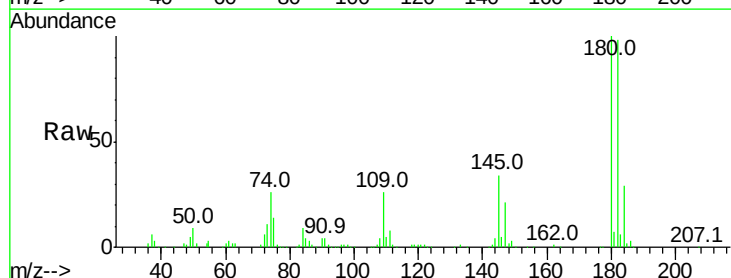
Tgt Ion:180 Resp: 350002

Ion Ratio Lower Upper

180 100

182 97.7 76.8 115.2

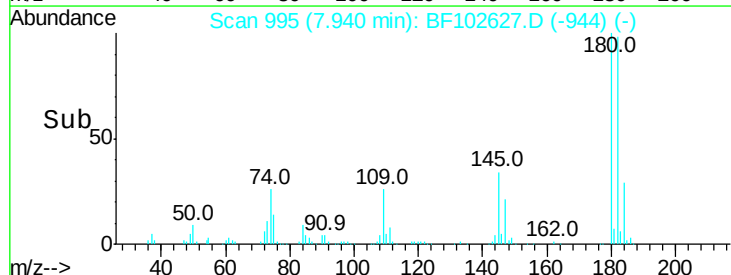
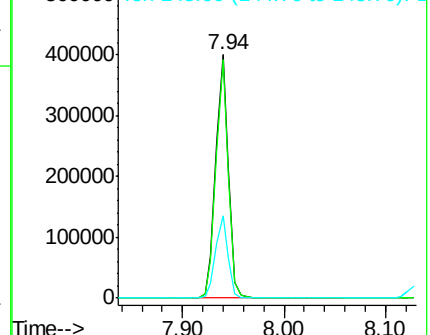
145 34.0 26.5 39.7

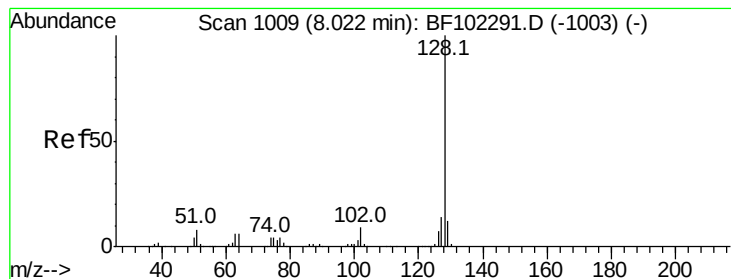


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.991 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF102627.D

Acq: 30 Jan 2018 6:03

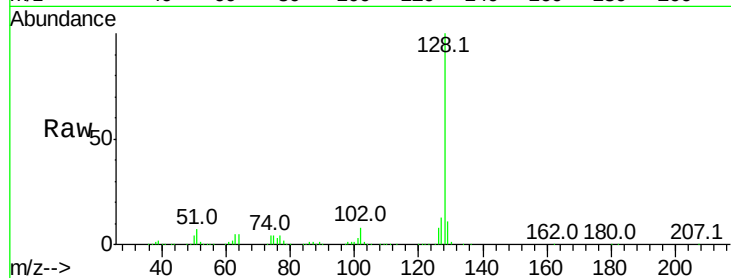
Instrument :

BNA_F

ClientSampleId :

Tot Ion:128 Resp: 1174616

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.4	10.9	16.3

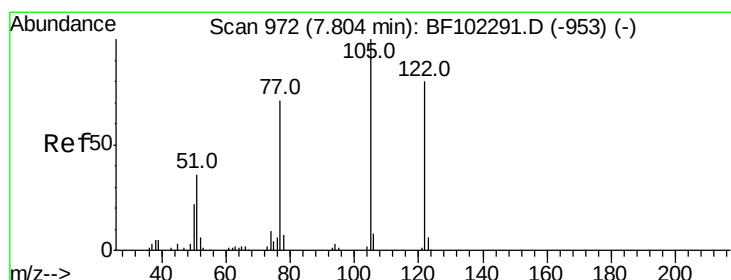
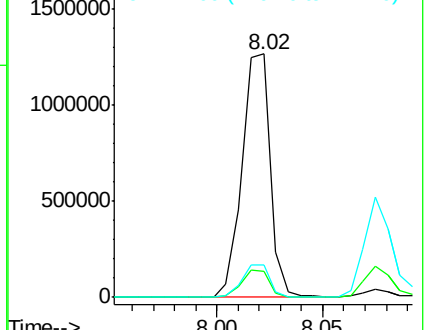
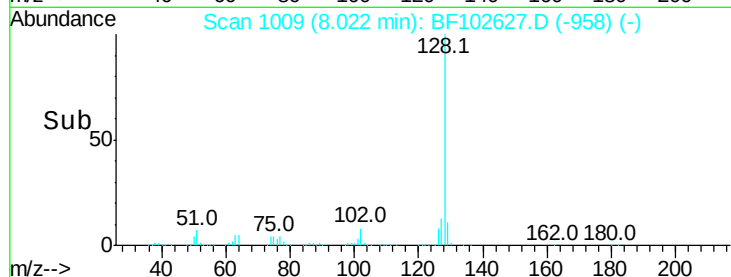


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 30.120 ng

RT: 7.81 min Scan# 973

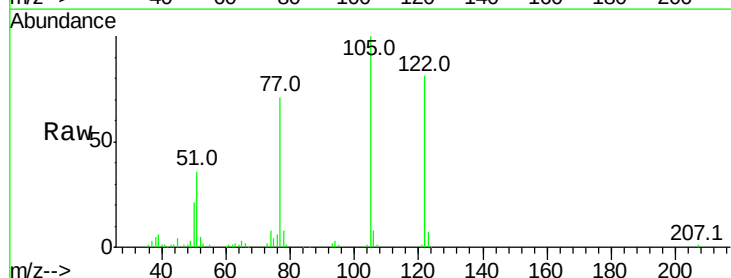
Delta R.T. 0.00 min

Lab File: BF102627.D

Acq: 30 Jan 2018 6:03

Tgt Ion:122 Resp: 212675

Ion	Ratio	Lower	Upper
122	100		
105	123.1	101.1	141.1
77	87.3	70.7	110.7

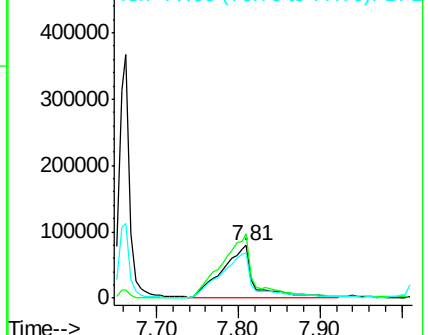
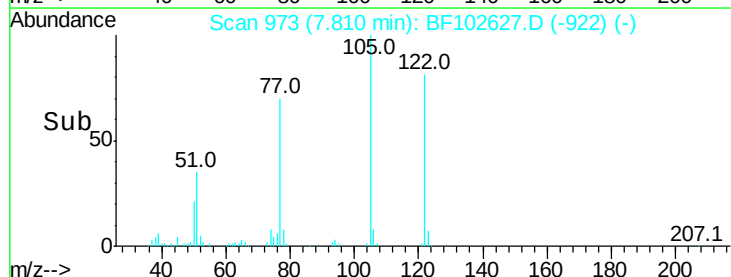


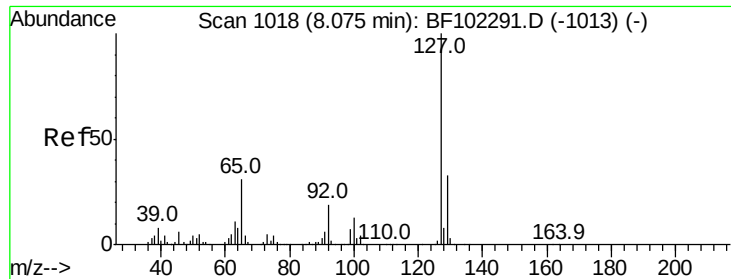
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

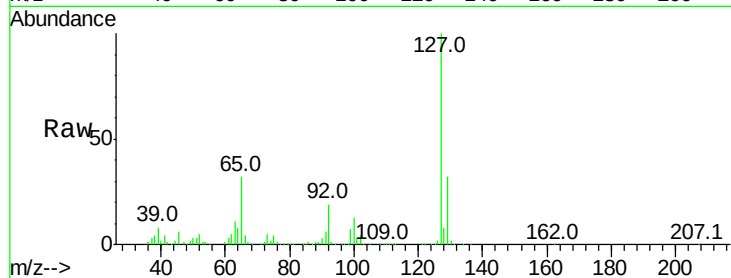




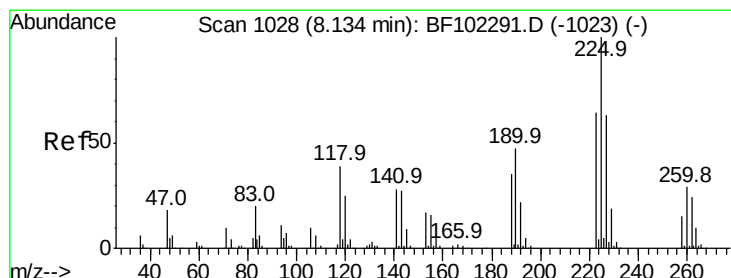
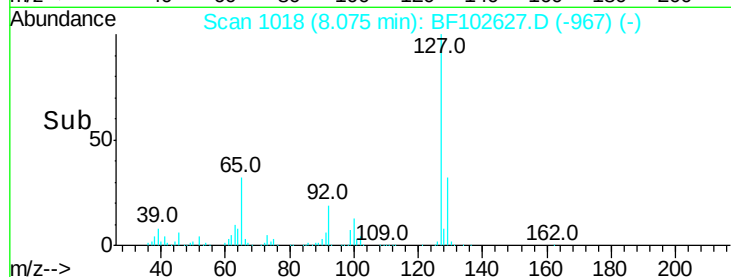
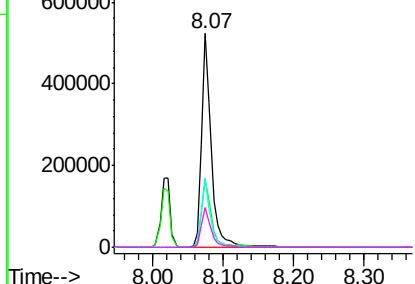
#33
4-Chloroaniline
Concen: 39.175 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF102627.D
Acq: 30 Jan 2018 6:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	509335
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.9	38.9
65	32.1	25.0	37.4
92	18.9	15.2	22.8

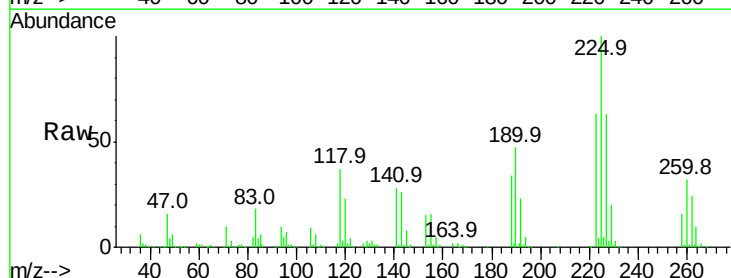


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

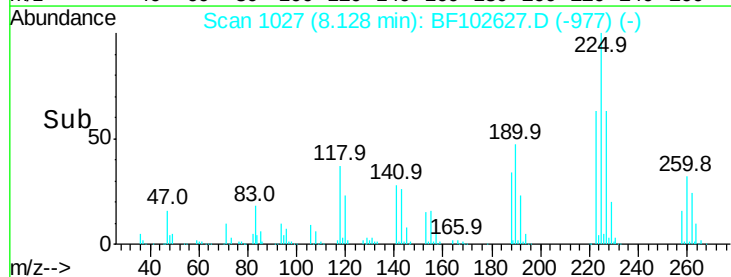
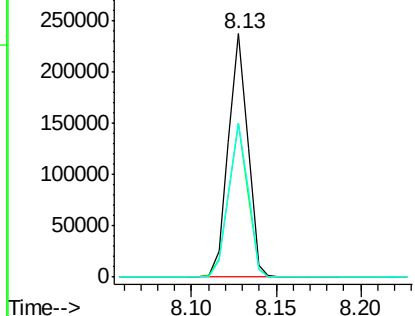


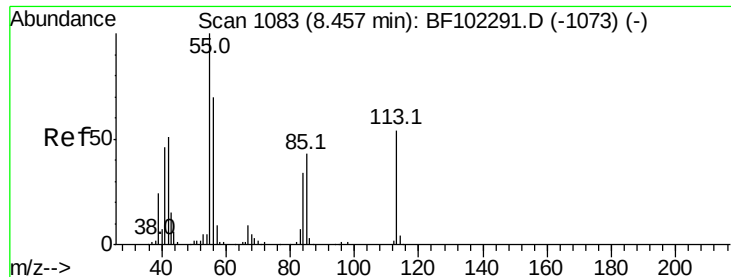
#34
Hexachlorobutadiene
Concen: 38.624 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF102627.D
Acq: 30 Jan 2018 6:03

Tgt Ion:	225	Resp:	189837
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.6	76.0
227	63.2	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

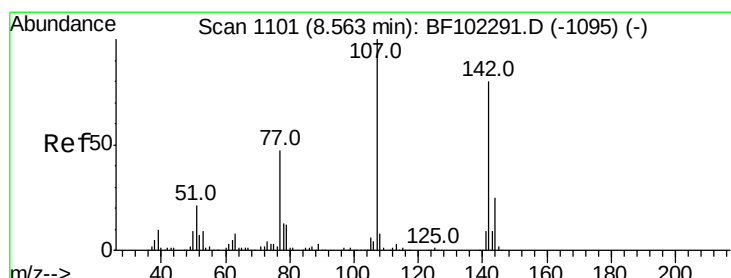
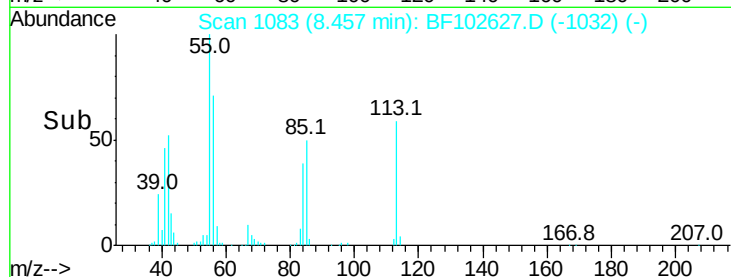
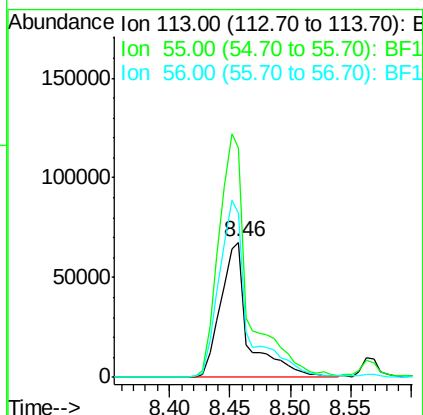
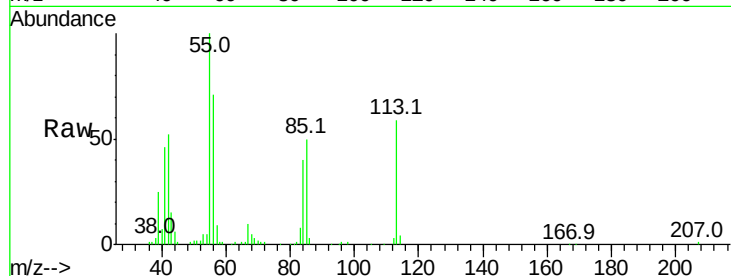




#35
 Caprolactam
 Concen: 38.345 ng
 RT: 8.46 min Scan# 1083
 Delta R.T. 0.00 min
 Lab File: BF102627.D
 Acq: 30 Jan 2018 6:03

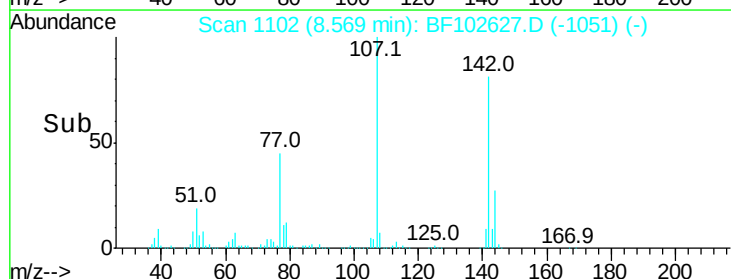
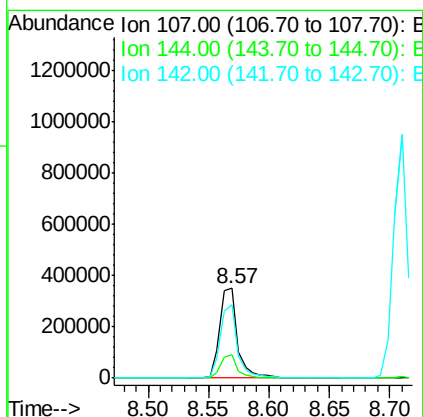
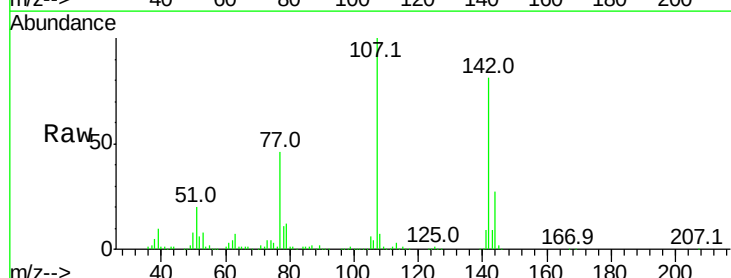
Instrument :
 BNA_F
 ClientSampleId :

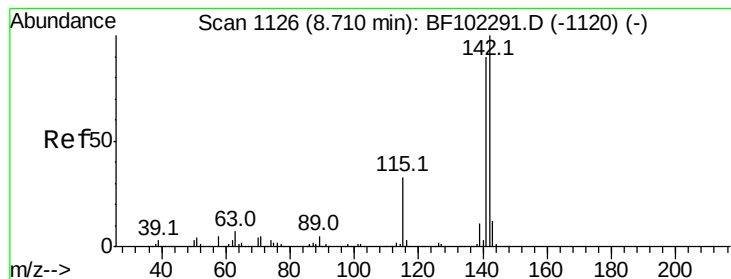
Tot Ion:113 Resp: 108717
 Ion Ratio Lower Upper
 113 100
 55 170.1 163.3 203.3
 56 121.4 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 39.740 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BF102627.D
 Acq: 30 Jan 2018 6:03

Tgt Ion:107 Resp: 359601
 Ion Ratio Lower Upper
 107 100
 144 26.8 20.5 30.7
 142 81.4 62.0 93.0





#37

2-Methylnaphthalene

Concen: 38.255 ng

RT: 8.71 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BF102627.D

Acq: 30 Jan 2018 6:03

Instrument :

BNA_F

ClientSampleId :

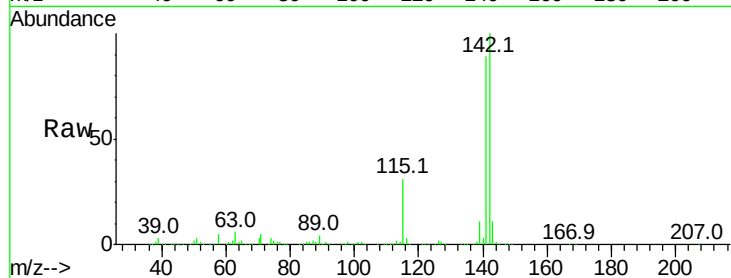
Tot Ion:142 Resp: 787702

Ion Ratio Lower Upper

142 100

141 88.7 70.8 106.2

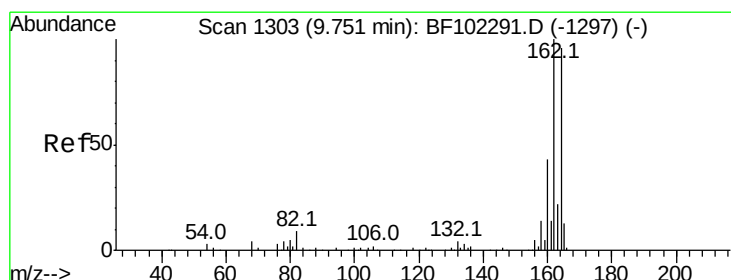
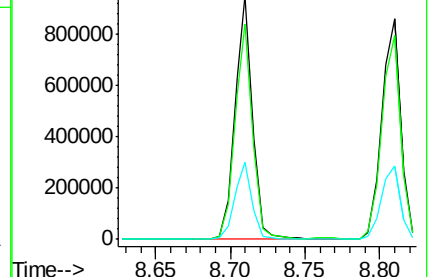
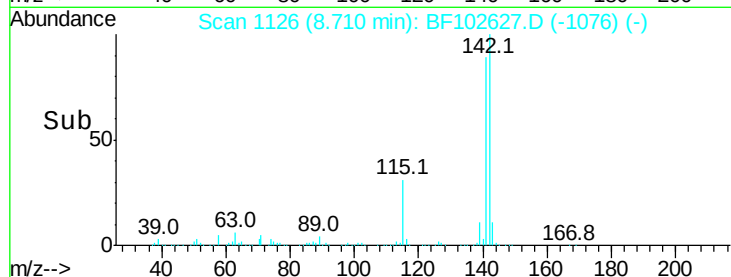
115 31.5 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF102627.D

Acq: 30 Jan 2018 6:03

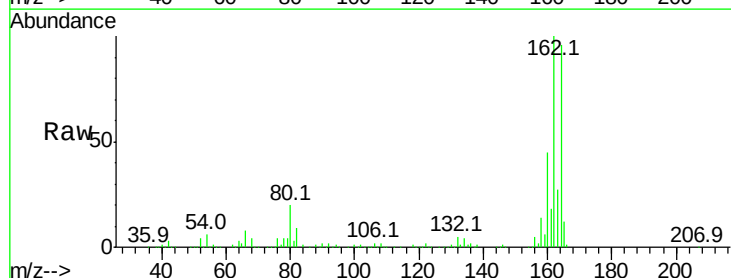
Tgt Ion:164 Resp: 284026

Ion Ratio Lower Upper

164 100

162 104.6 86.1 129.1

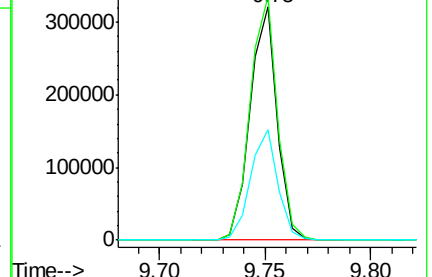
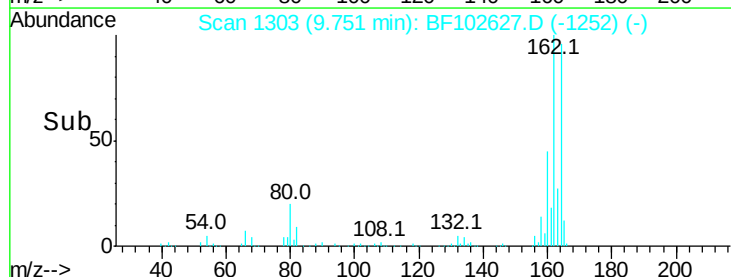
160 47.6 38.3 57.5

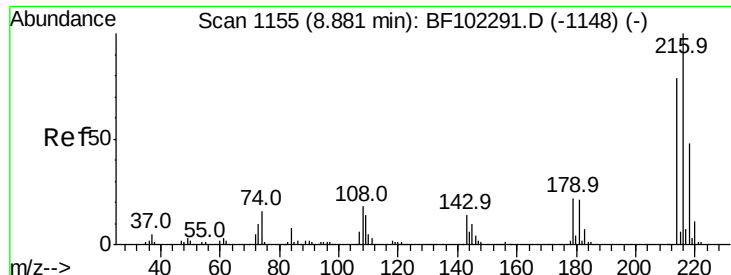


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

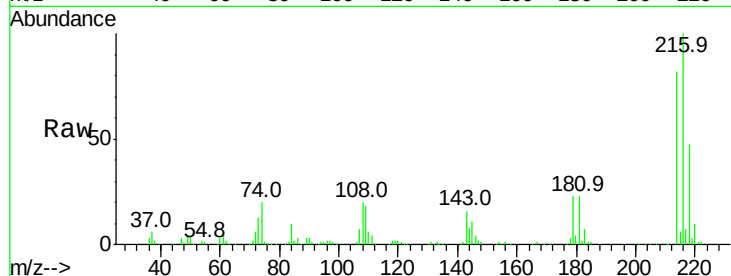




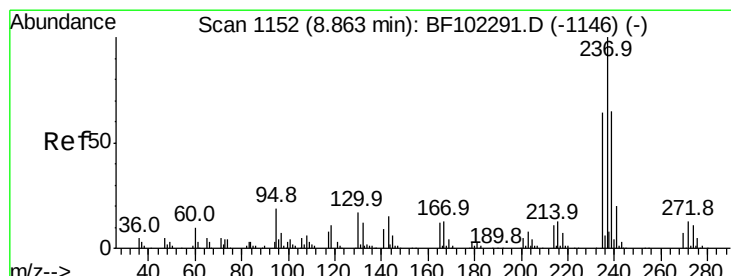
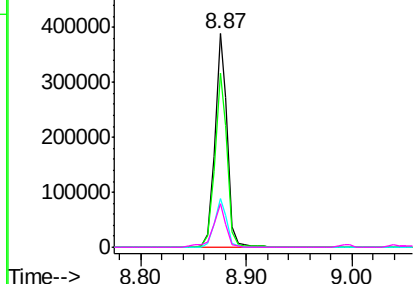
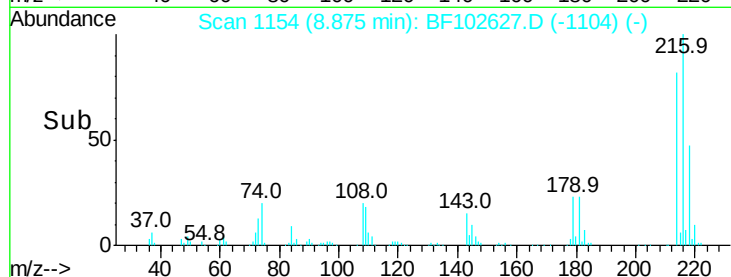
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.759 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF102627.D
 Acq: 30 Jan 2018 6:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	322658
Ion	Ratio	Lower	Upper
216	100		
214	81.3	63.0	94.4
179	22.7	18.1	27.1
108	20.9	17.2	25.8

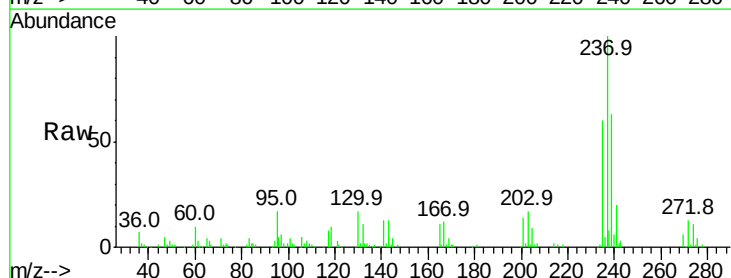


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

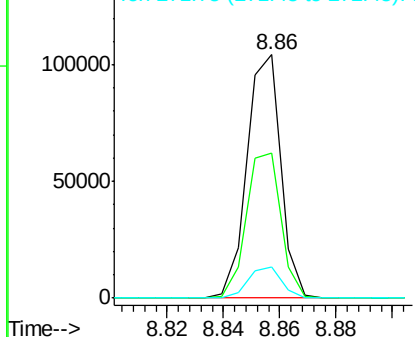
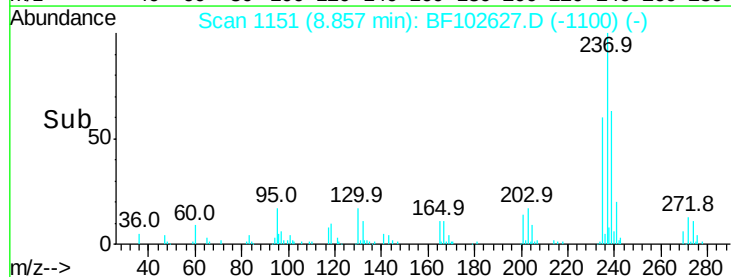


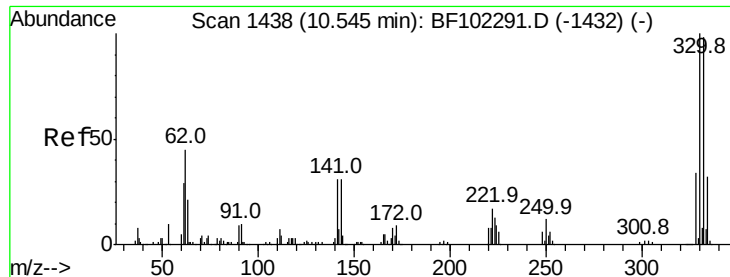
#40
 Hexachlorocyclopentadiene
 Concen: 22.636 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF102627.D
 Acq: 30 Jan 2018 6:03

Tgt Ion:	237	Resp:	86563
Ion	Ratio	Lower	Upper
237	100		
235	59.8	44.8	84.8
272	12.7	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

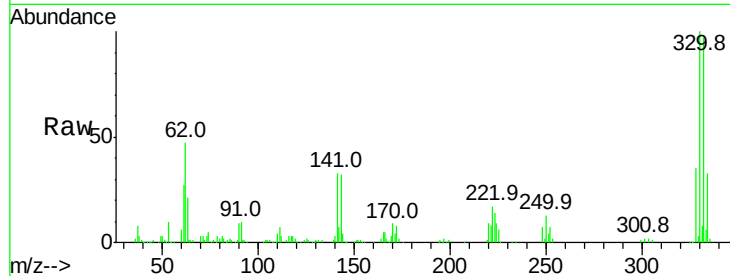




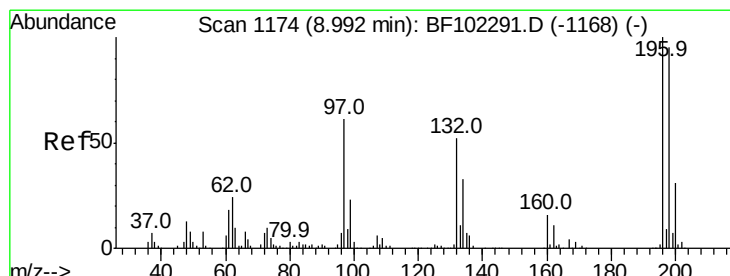
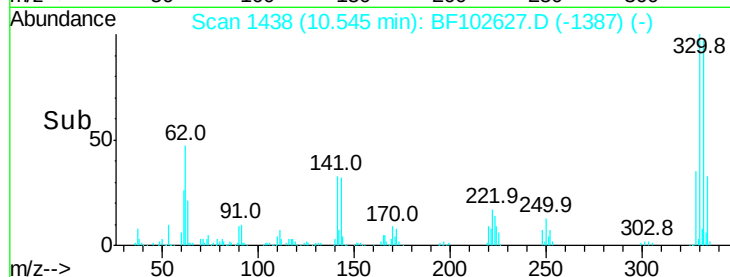
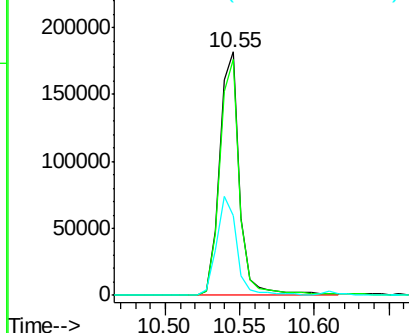
#41
 2,4,6-Tribromophenol
 Concen: 61.520 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF102627.D
 Acq: 30 Jan 2018 6:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	40.6	29.9	44.9

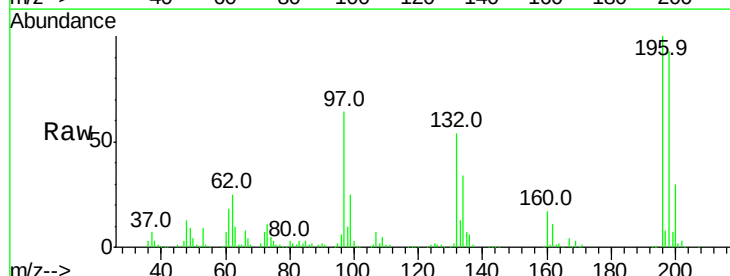


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

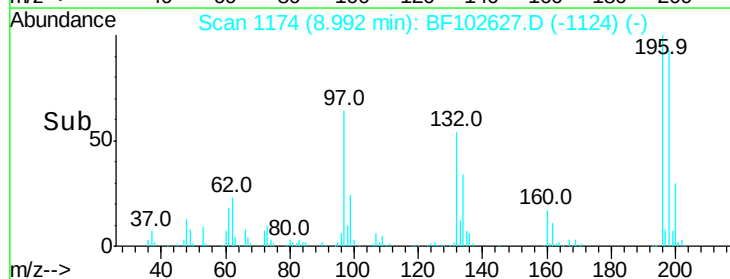
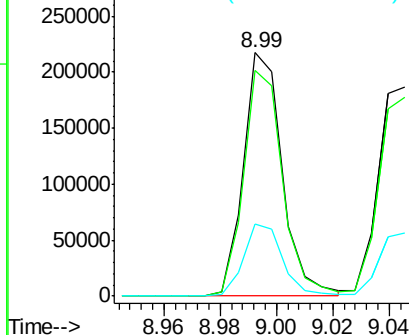


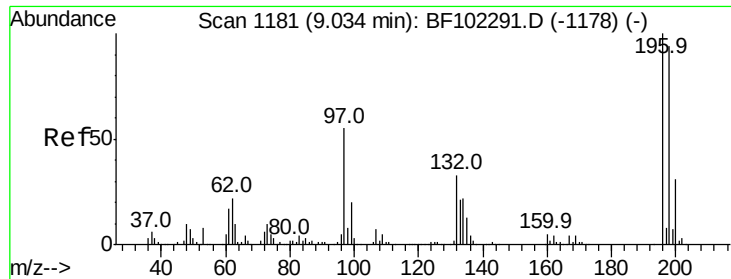
#42
 2,4,6-Trichlorophenol
 Concen: 36.180 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BF102627.D
 Acq: 30 Jan 2018 6:03

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.7	75.7	113.5
200	29.5	24.5	36.7



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

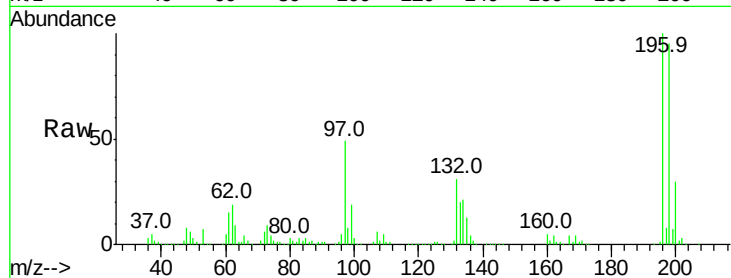




#43
 2,4,5-Trichlorophenol
 Concen: 36.078 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF102627.D
 Acq: 30 Jan 2018 6:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.2	74.6	112.0
97	48.9	42.9	64.3
132	31.4	26.3	39.5



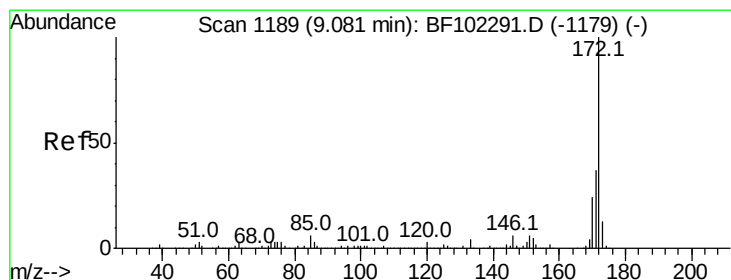
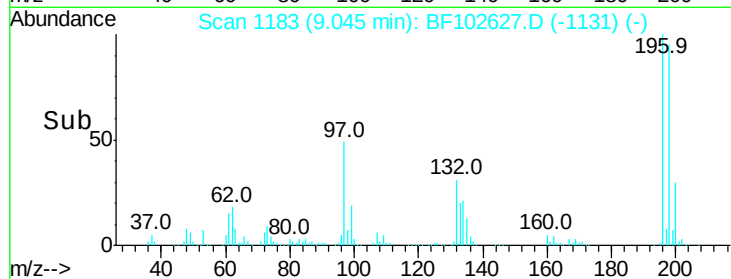
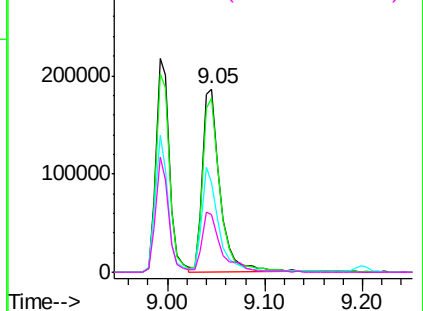
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

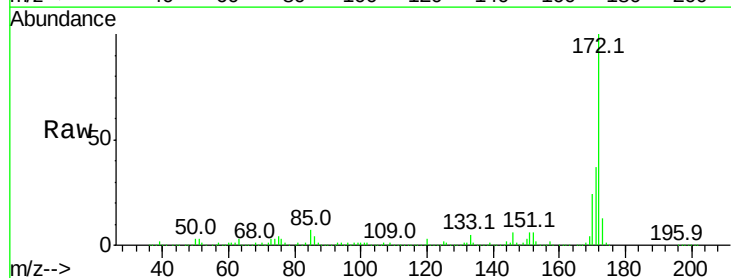
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 73.643 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF102627.D
 Acq: 30 Jan 2018 6:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.3	19.6	29.4

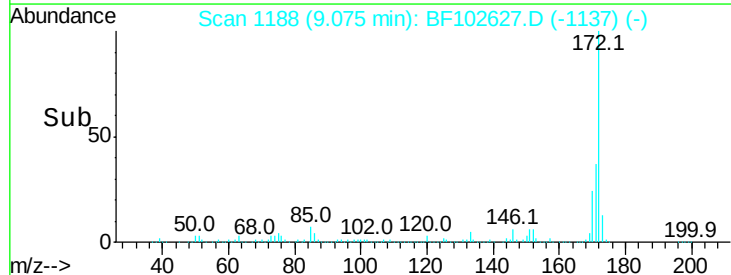
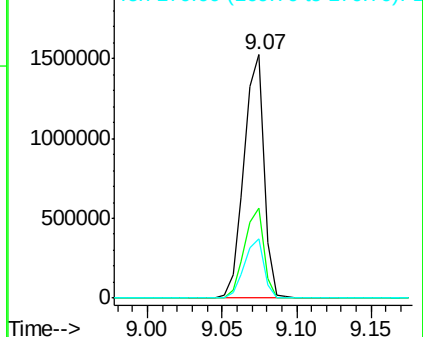


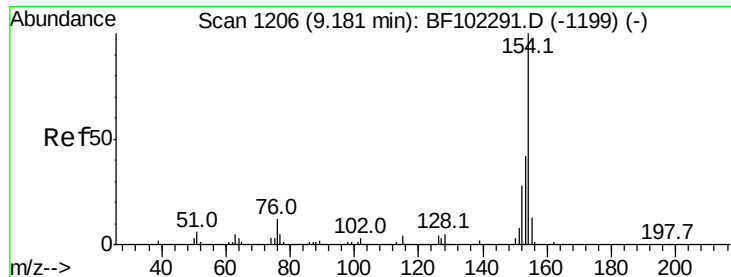
Abundance

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: 37.974 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF102627.D

Acq: 30 Jan 2018 6:03

Instrument :

BNA_F

ClientSampleId :

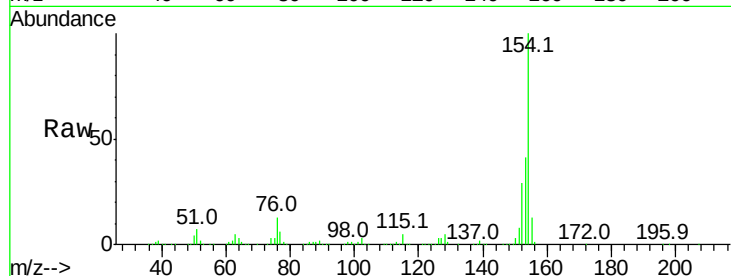
Tot Ion:154 Resp: 964403

Ion Ratio Lower Upper

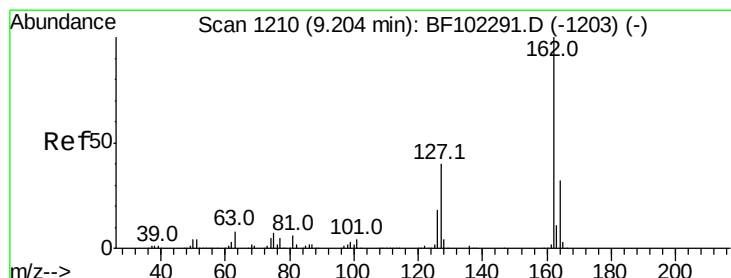
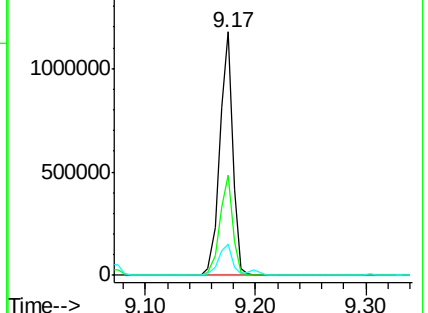
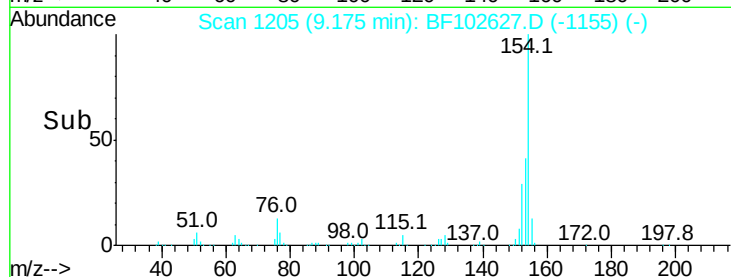
154 100

153 41.3 21.3 61.3

76 12.7 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: 37.285 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF102627.D

Acq: 30 Jan 2018 6:03

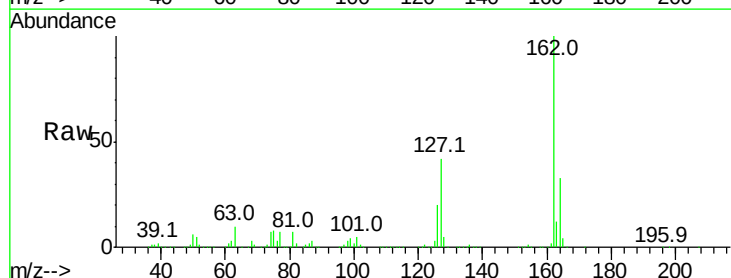
Tgt Ion:162 Resp: 736018

Ion Ratio Lower Upper

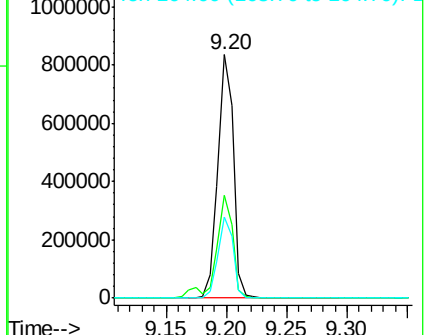
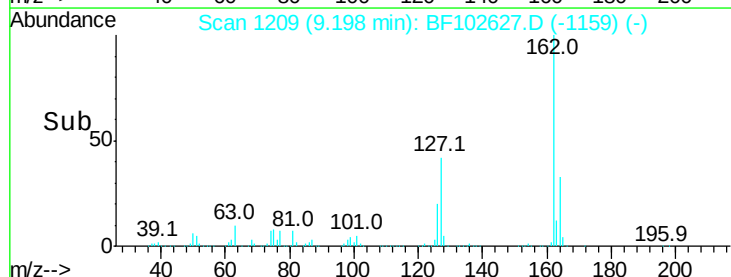
162 100

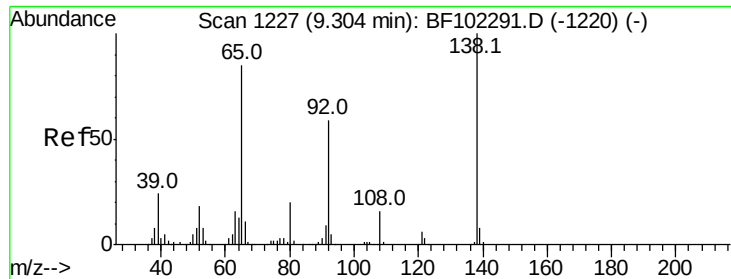
127 42.2 33.9 50.9

164 33.1 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

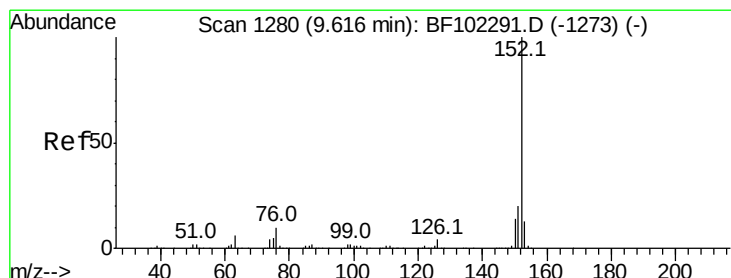
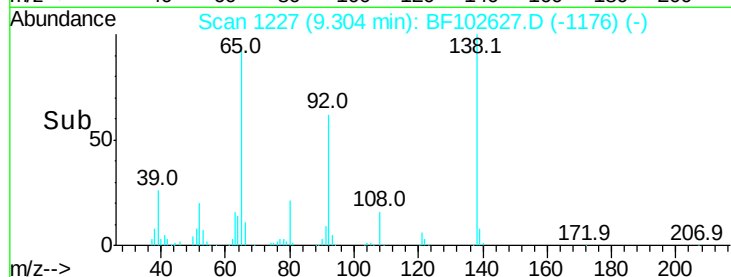
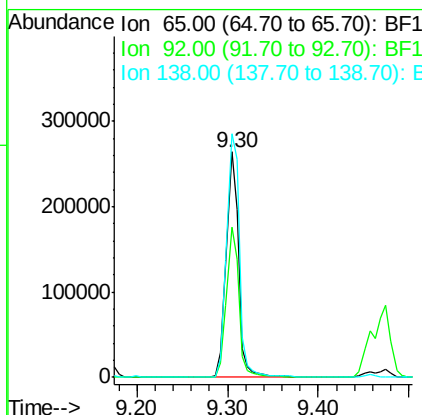
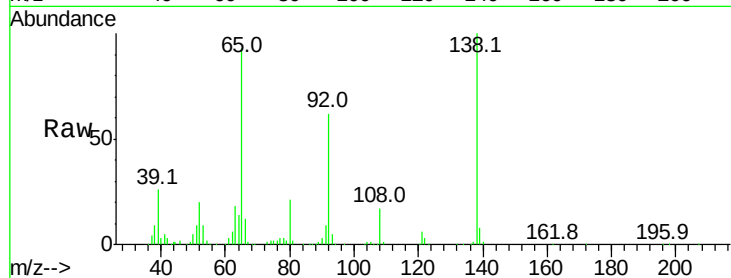




#47
2-Nitroaniline
Concen: 40.162 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF102627.D
Acq: 30 Jan 2018 6:03

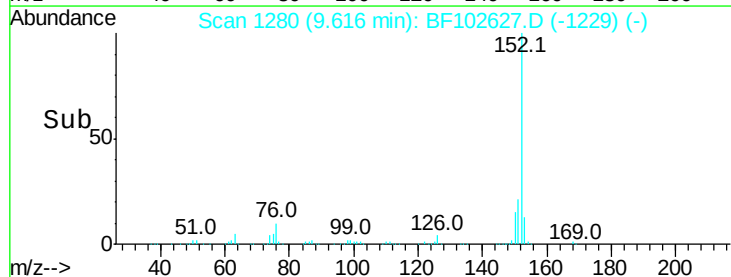
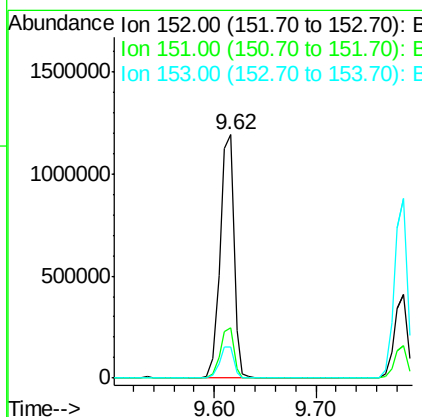
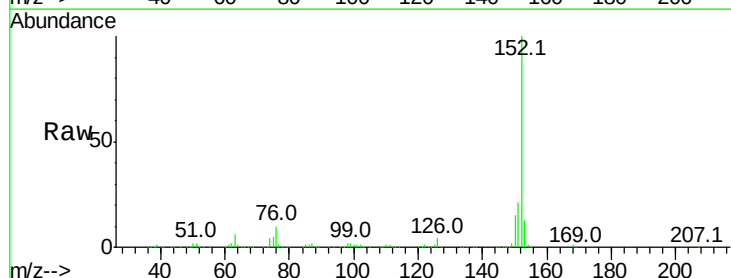
Instrument :
BNA_F
ClientSampleId :

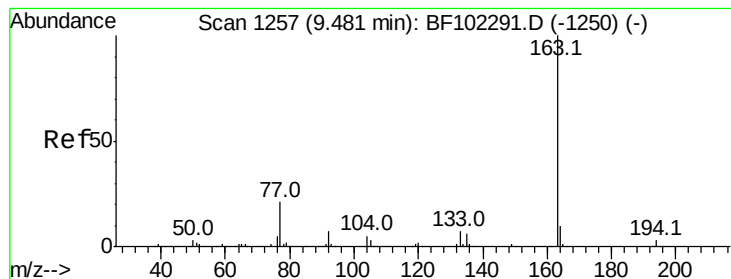
Tot Ion: 65 Resp: 247171
Ion Ratio Lower Upper
65 100
92 66.8 55.8 83.6
138 108.0 91.2 136.8



#48
Acenaphthylene
Concen: 36.812 ng
RT: 9.62 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BF102627.D
Acq: 30 Jan 2018 6:03

Tgt Ion: 152 Resp: 1132126
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 12.9 10.7 16.1





#49

Dimethylphthalate

Concen: 38.056 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF102627.D

Acq: 30 Jan 2018 6:03

Instrument :

BNA_F

ClientSampleId :

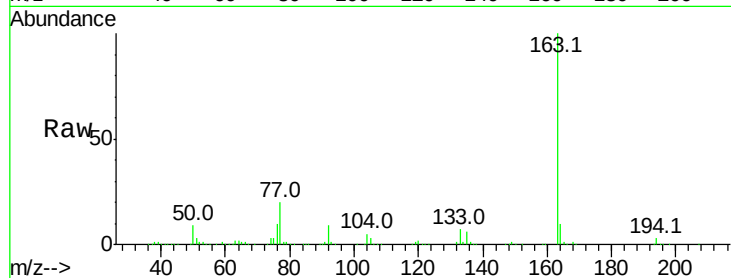
Tot Ion:163 Resp: 893414

Ion Ratio Lower Upper

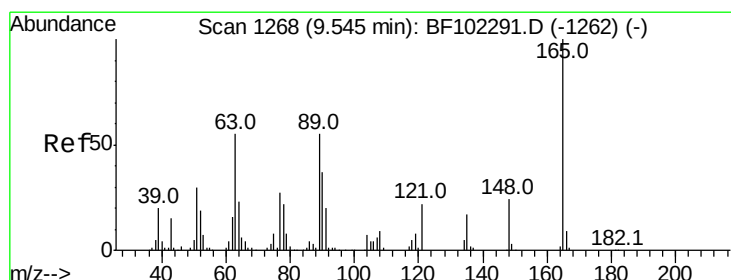
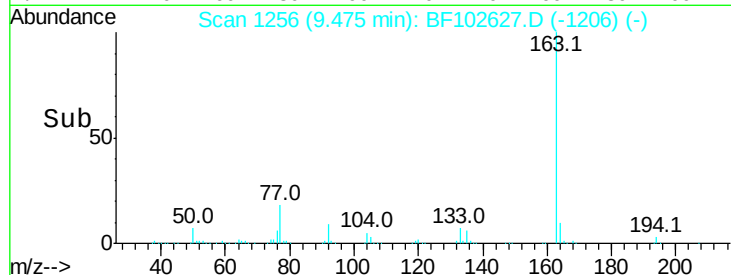
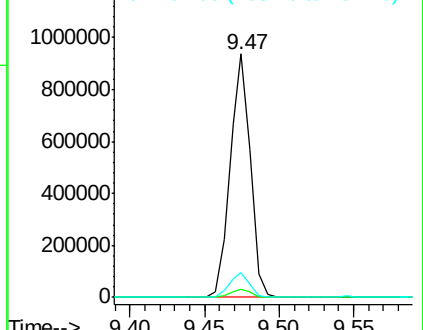
163 100

194 3.4 2.7 4.1

164 10.3 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: 37.512 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF102627.D

Acq: 30 Jan 2018 6:03

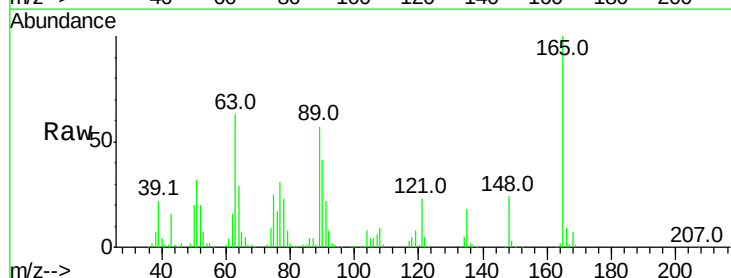
Tgt Ion:165 Resp: 189868

Ion Ratio Lower Upper

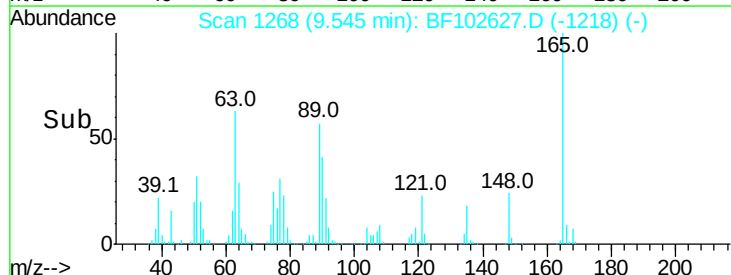
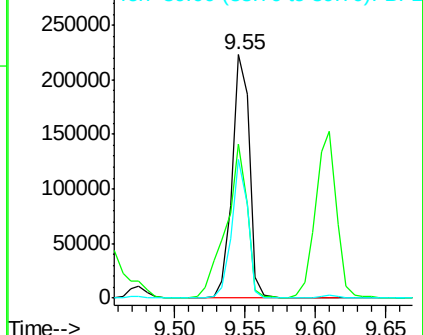
165 100

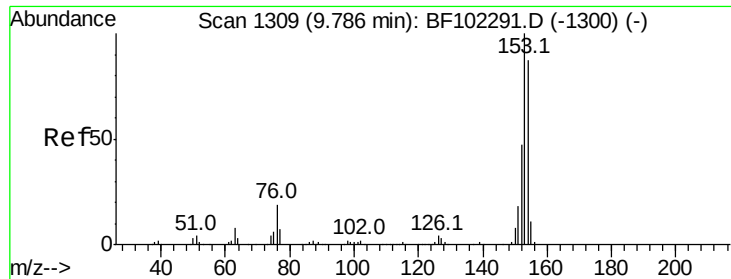
63 63.4 44.7 67.1

89 57.0 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: 37.074 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BF102627.D

Acq: 30 Jan 2018 6:03

Instrument :

BNA_F

ClientSampleId :

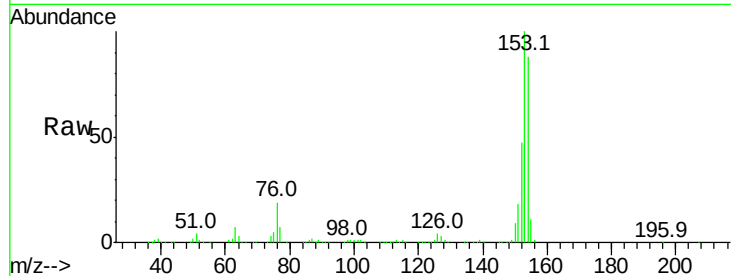
Tot Ion:154 Resp: 665890

Ion Ratio Lower Upper

154 100

153 113.7 91.2 136.8

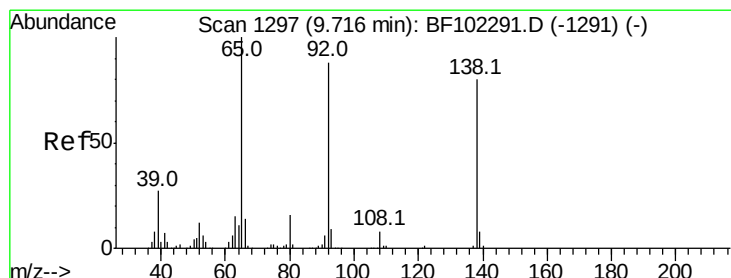
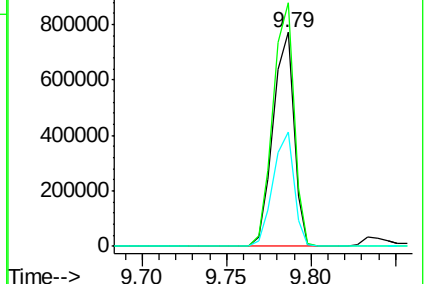
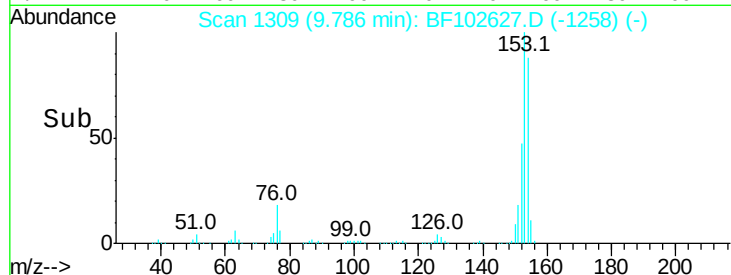
152 53.4 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 38.429 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF102627.D

Acq: 30 Jan 2018 6:03

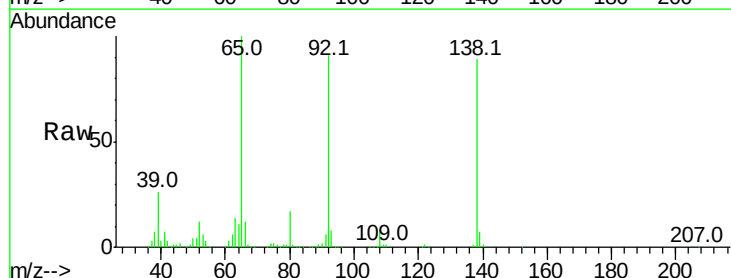
Tgt Ion:138 Resp: 230104

Ion Ratio Lower Upper

138 100

108 9.3 9.4 14.0#

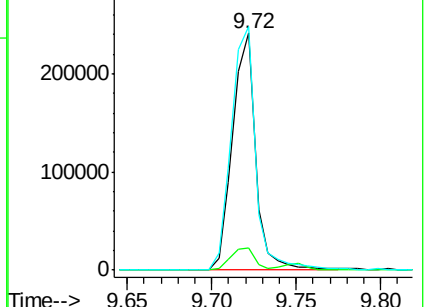
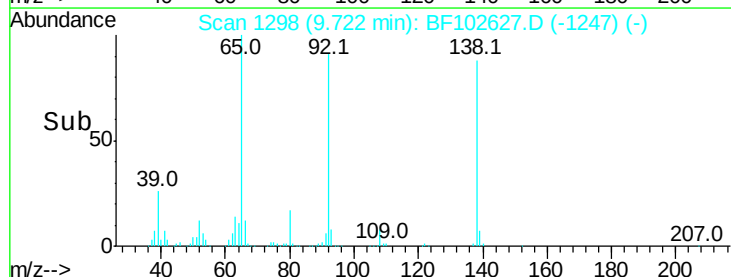
92 102.9 89.4 134.2

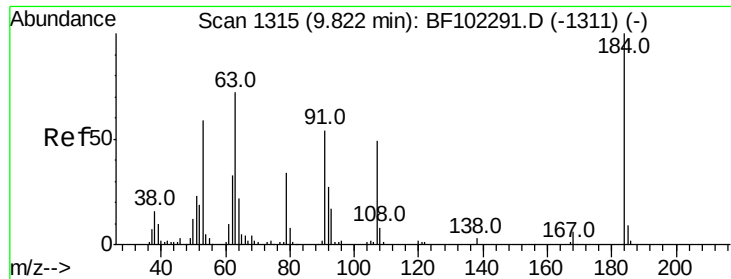


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

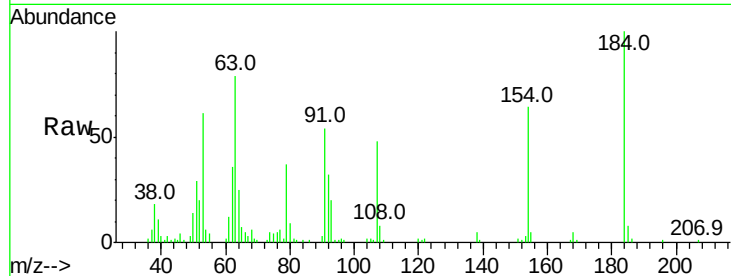




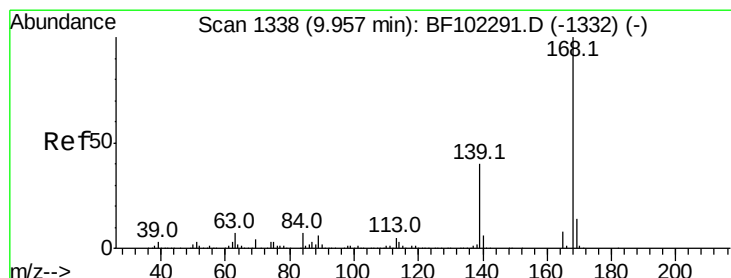
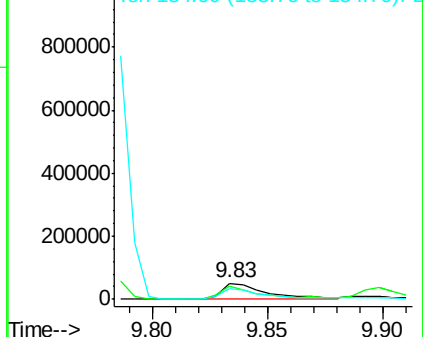
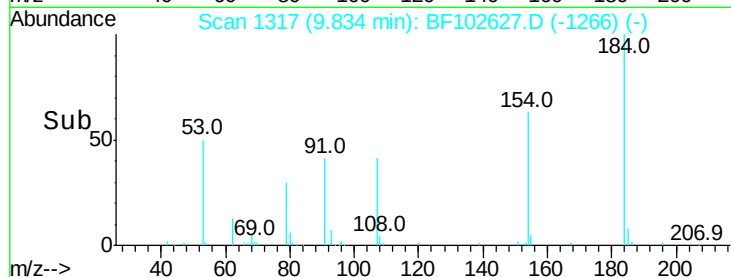
#53
2,4-Dinitrophenol
Concen: 33.857 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF102627.D
Acq: 30 Jan 2018 6:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 71815
Ion Ratio Lower Upper
184 100
63 79.3 54.2 81.2
154 64.1 184.0 276.0#

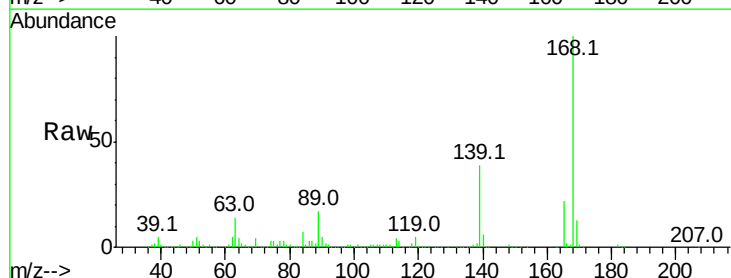


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

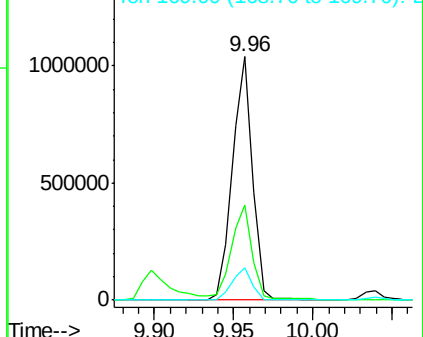
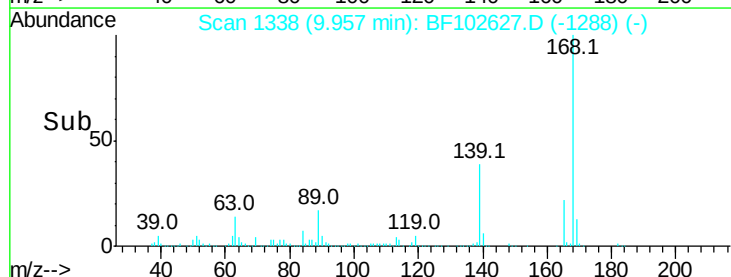


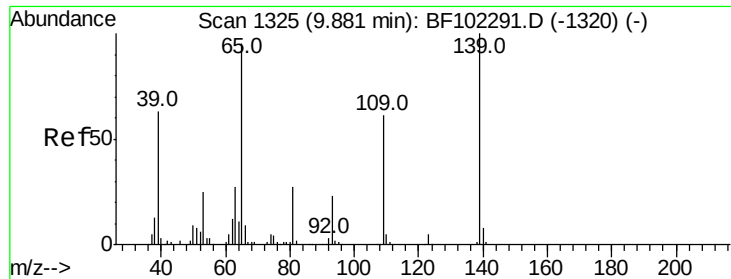
#54
Dibenzofuran
Concen: 37.392 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF102627.D
Acq: 30 Jan 2018 6:03

Tgt Ion:168 Resp: 908934
Ion Ratio Lower Upper
168 100
139 39.0 30.1 45.1
169 13.3 10.9 16.3



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

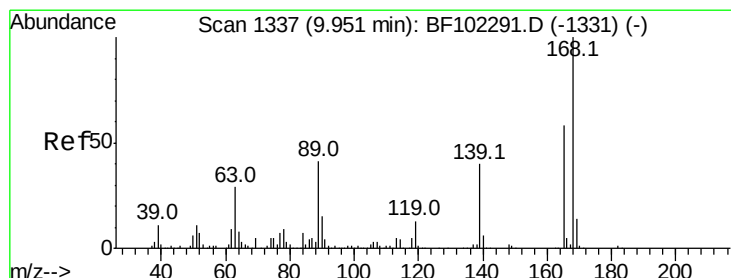
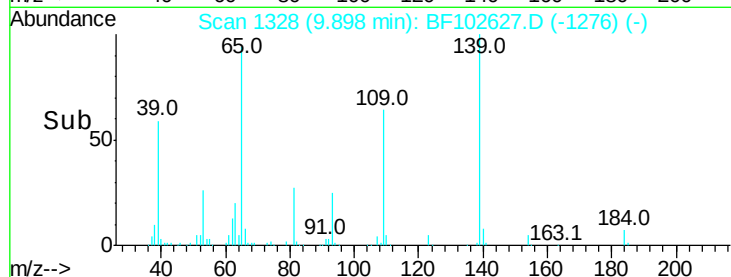
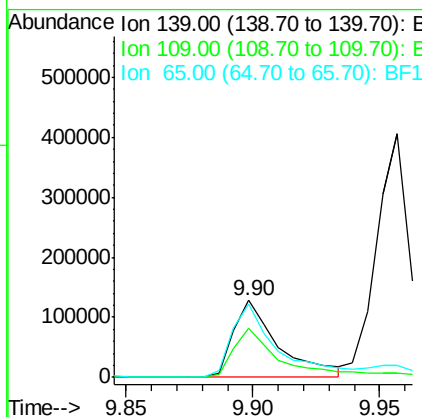
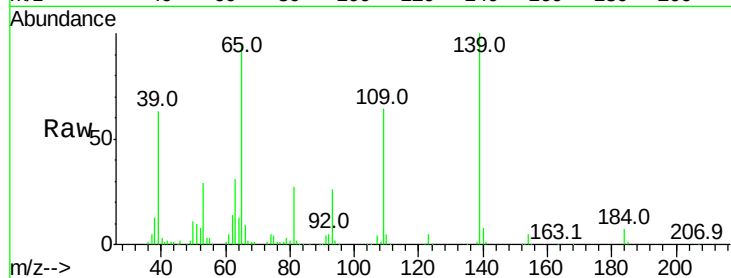




#55
4-Nitrophenol
Concen: 40.249 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF102627.D
Acq: 30 Jan 2018 6:03

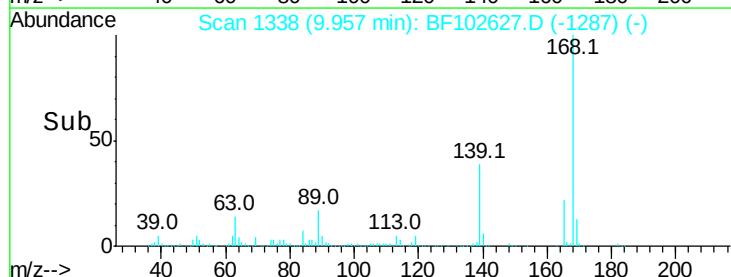
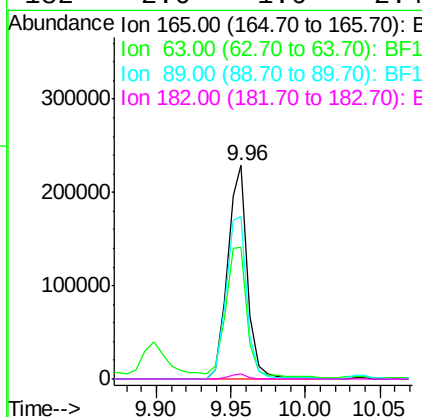
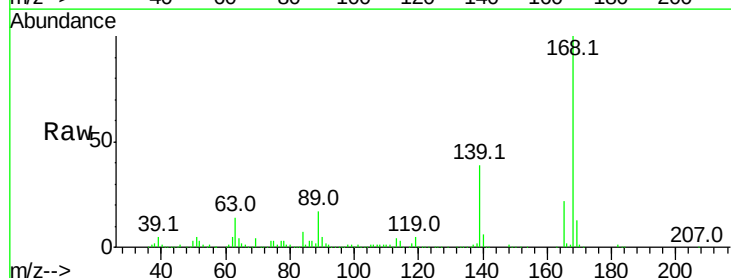
Instrument :
BNA_F
ClientSampled :

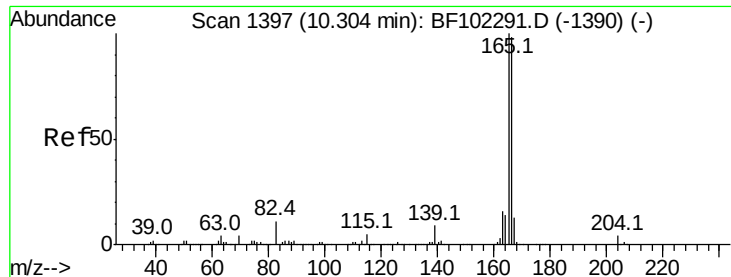
Tot Ion:139 Resp: 159085
Ion Ratio Lower Upper
139 100
109 64.0 48.4 88.4
65 94.6 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 34.584 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF102627.D
Acq: 30 Jan 2018 6:03

Tgt Ion:165 Resp: 215261
Ion Ratio Lower Upper
165 100
63 62.0 36.4 54.6#
89 76.0 57.8 86.6
182 2.6 1.6 2.4#

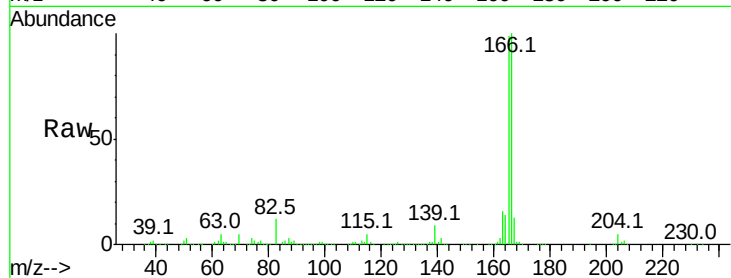




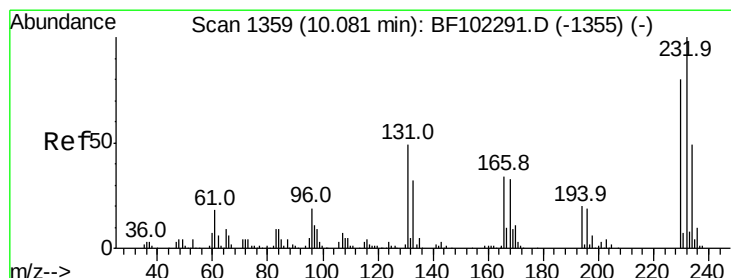
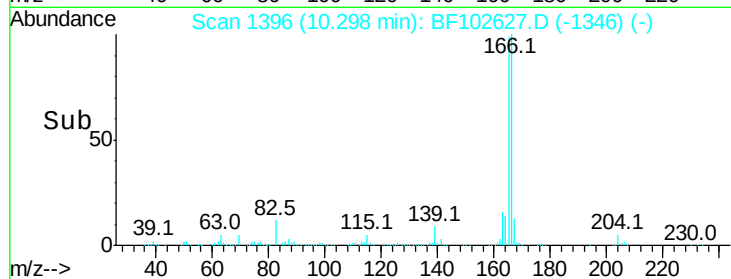
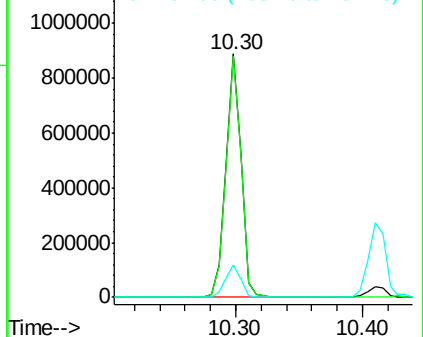
#57
 Fluorene
 Concen: 38.117 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF102627.D
 Acq: 30 Jan 2018 6:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:166 Resp: 734210
 Ion Ratio Lower Upper
 166 100
 165 98.9 79.8 119.8
 167 13.1 10.6 16.0



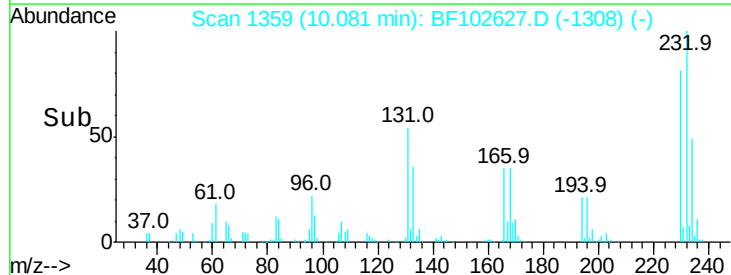
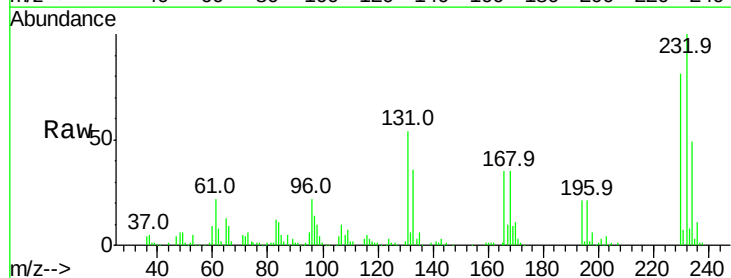
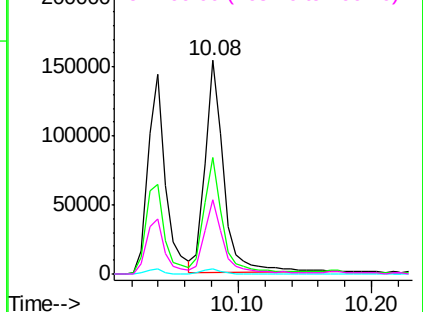
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

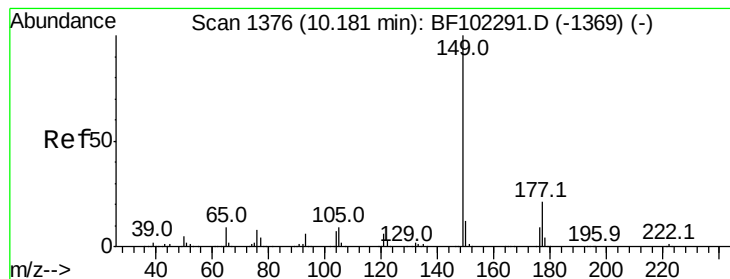


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 33.065 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: BF102627.D
 Acq: 30 Jan 2018 6:03

Tgt Ion:232 Resp: 152057
 Ion Ratio Lower Upper
 232 100
 131 54.5 43.8 65.8
 130 2.3 2.1 3.1
 166 33.8 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: 36.932 ng

RT: 10.17 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BF102627.D

Acq: 30 Jan 2018 6:03

Instrument :

BNA_F

ClientSampleId :

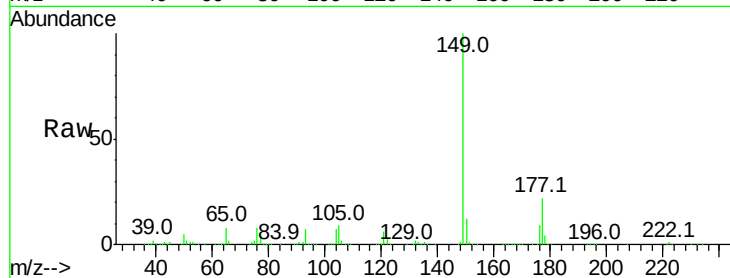
Tot Ion:149 Resp: 842556

Ion Ratio Lower Upper

149 100

177 21.5 16.1 24.1

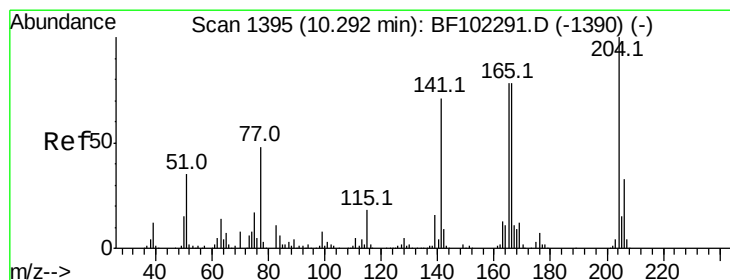
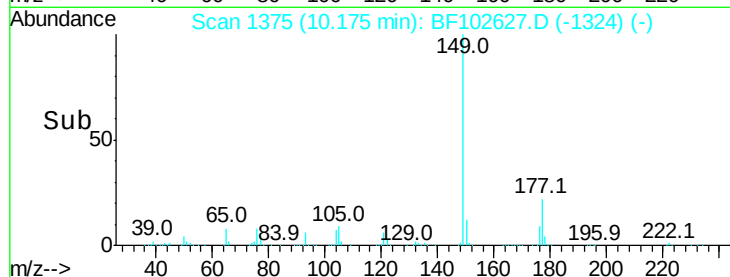
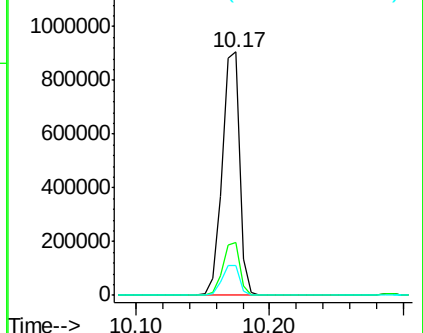
150 12.2 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.239 ng

RT: 10.29 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BF102627.D

Acq: 30 Jan 2018 6:03

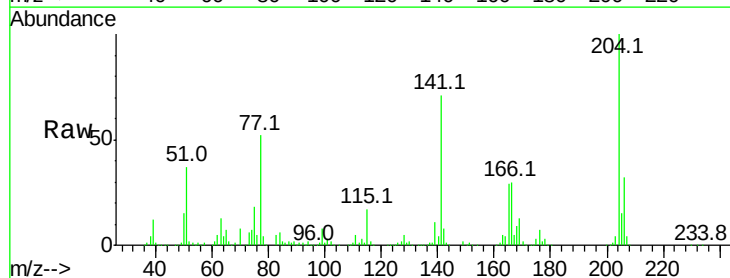
Tgt Ion:204 Resp: 327691

Ion Ratio Lower Upper

204 100

206 32.0 26.5 39.7

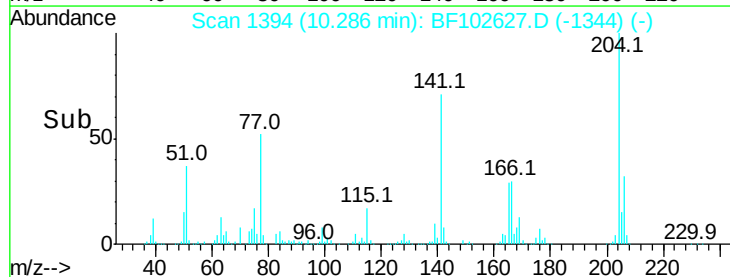
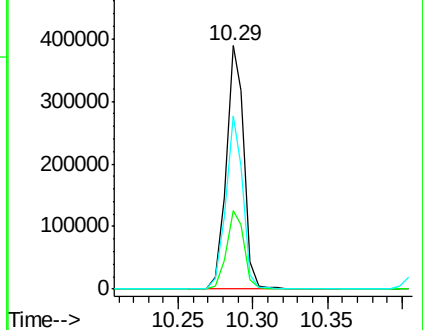
141 71.1 54.6 81.8

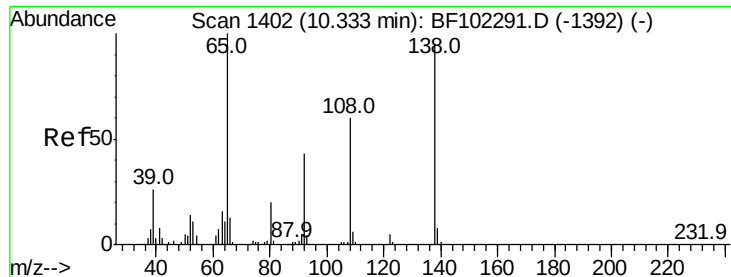


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

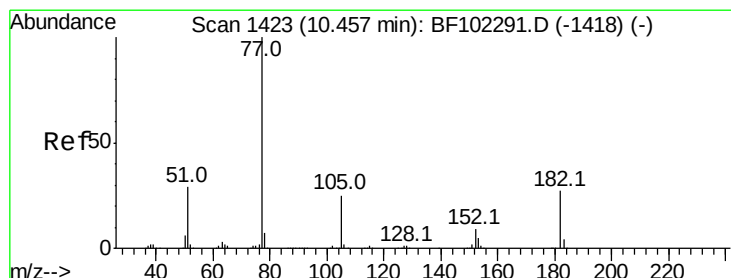
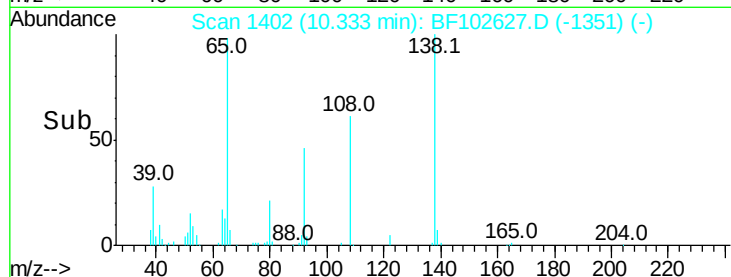
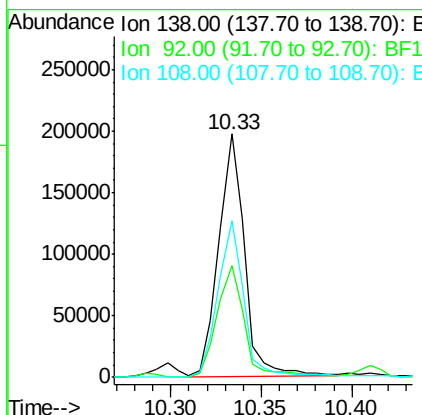
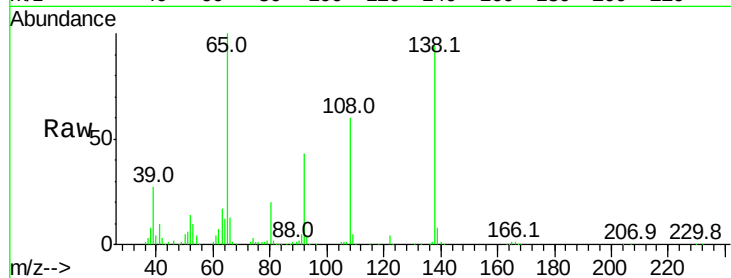




#61
4-Nitroaniline
Concen: 32.786 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF102627.D
Acq: 30 Jan 2018 6:03

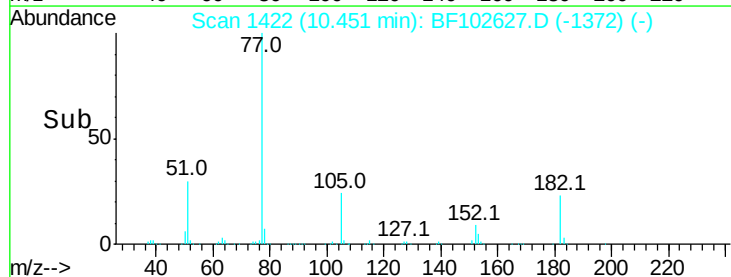
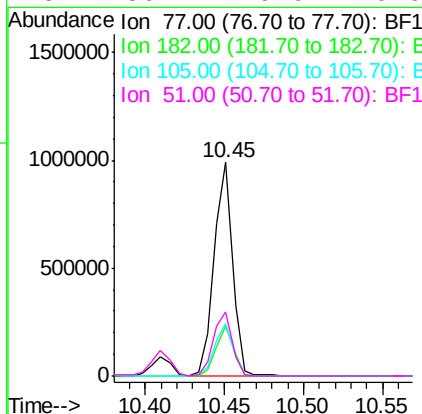
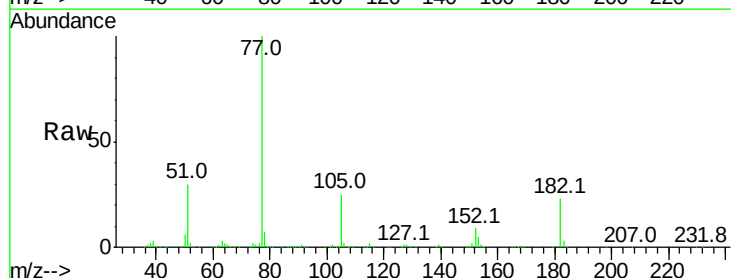
Instrument :
BNA_F
ClientSampleId :

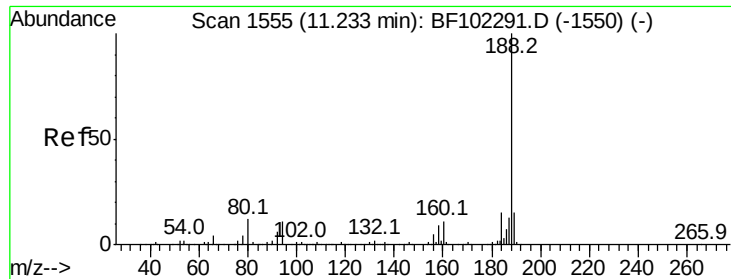
Tot Ion:138 Resp: 195895
Ion Ratio Lower Upper
138 100
92 45.9 30.2 70.2
108 64.2 52.5 92.5



#62
Azobenzene
Concen: 38.355 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF102627.D
Acq: 30 Jan 2018 6:03

Tgt Ion: 77 Resp: 801118
Ion Ratio Lower Upper
77 100
182 23.3 1.7 41.7
105 24.5 3.0 43.0
51 30.1 9.9 49.9

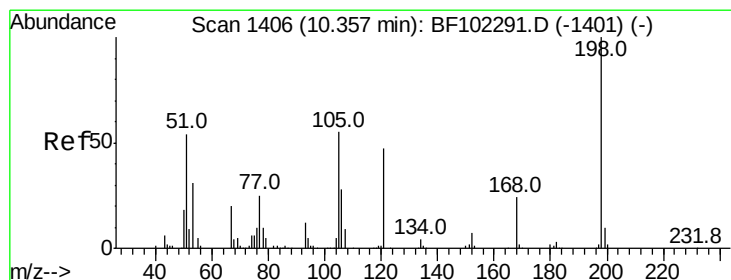
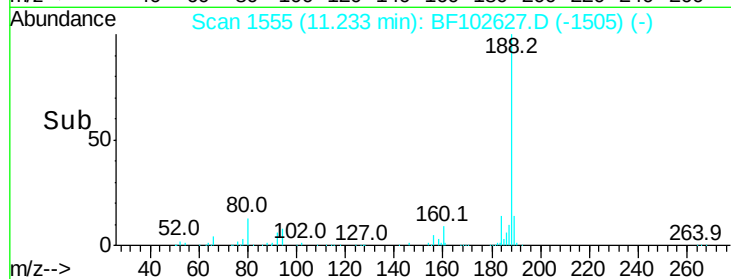
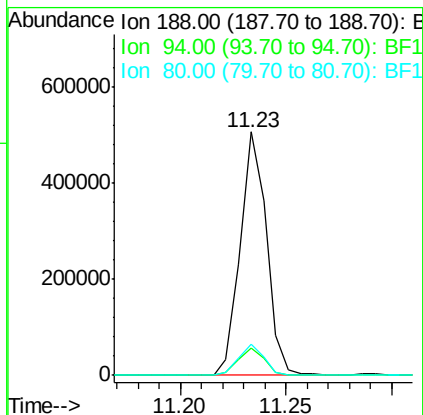
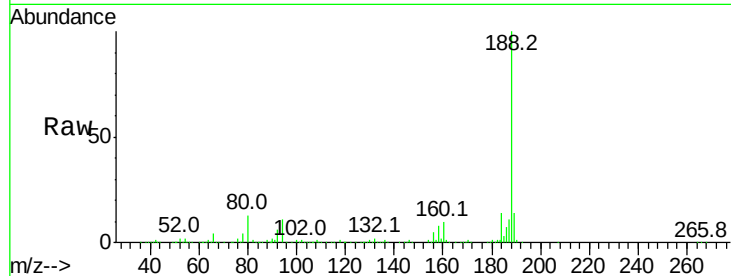




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102627.D
Acq: 30 Jan 2018 6:03

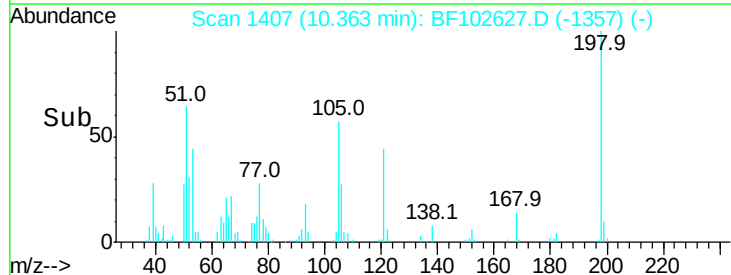
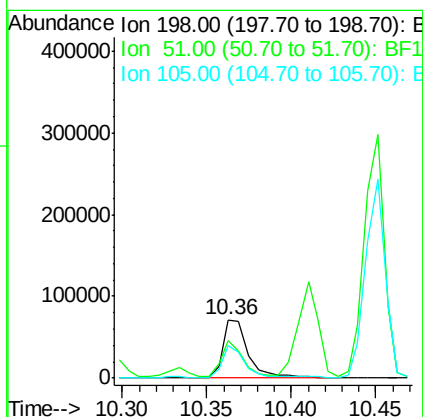
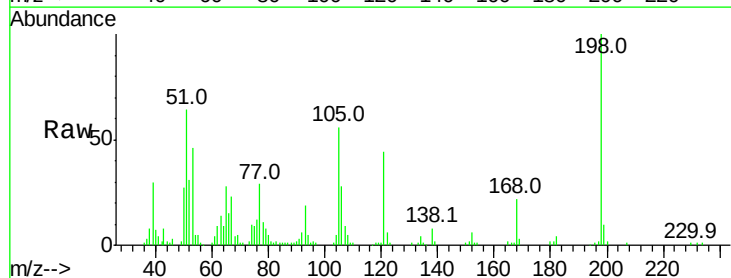
Instrument :
BNA_F
ClientSampleId :

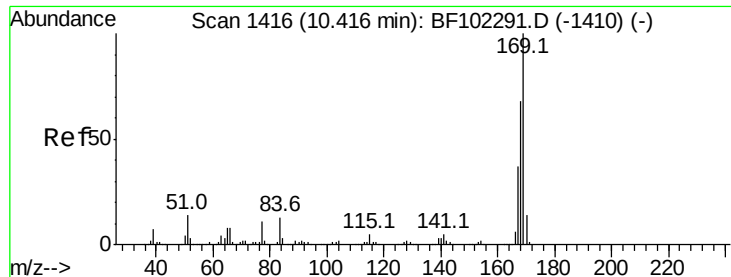
Tot Ion:188 Resp: 437698
Ion Ratio Lower Upper
188 100
94 11.5 8.5 12.7
80 12.9 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 25.809 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF102627.D
Acq: 30 Jan 2018 6:03

Tgt Ion:198 Resp: 75367
Ion Ratio Lower Upper
198 100
51 64.4 37.7 77.7
105 56.4 36.3 76.3

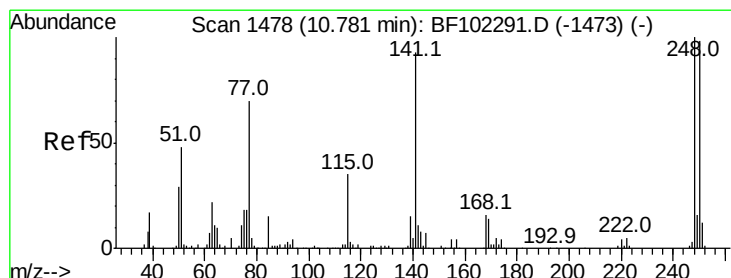
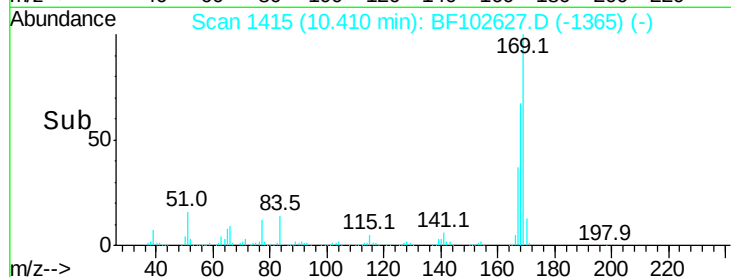
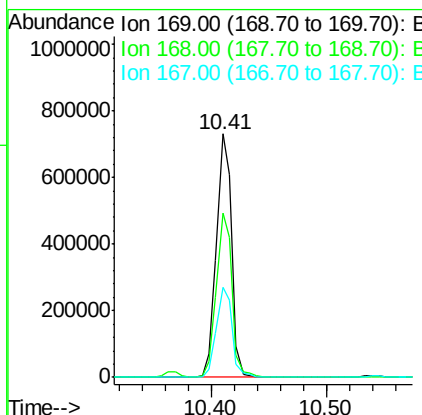
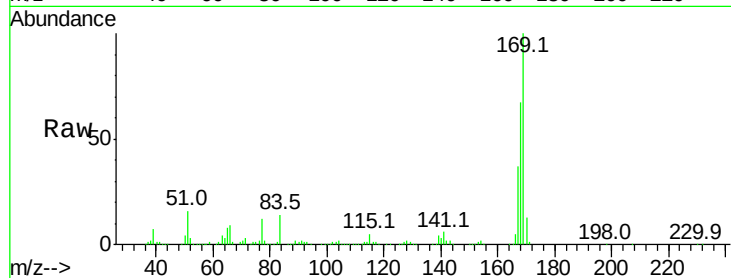




#65
 n-Nitrosodiphenylamine
 Concen: 41.473 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BF102627.D
 Acq: 30 Jan 2018 6:03

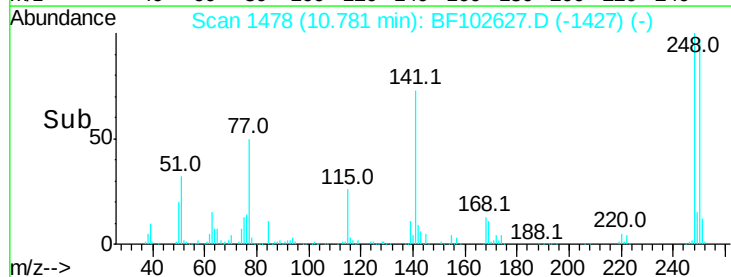
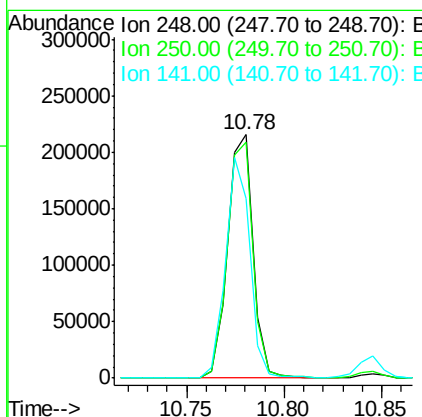
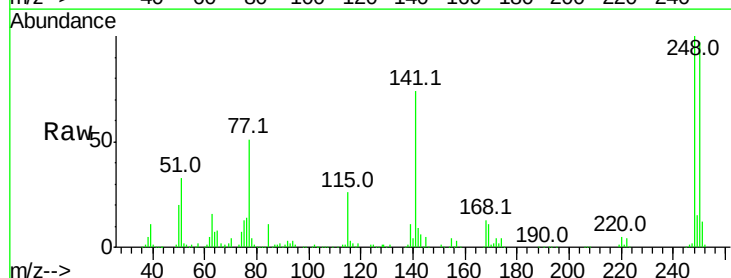
Instrument :
 BNA_F
 ClientSampled :

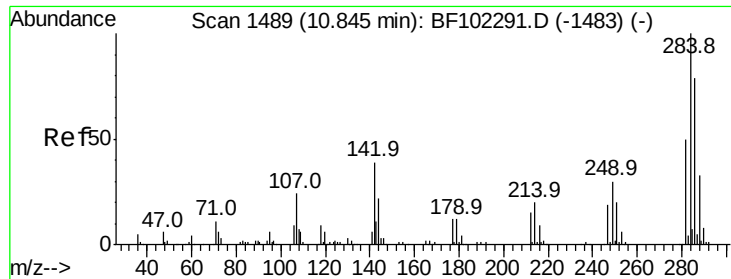
Tot Ion:169 Resp: 666275
 Ion Ratio Lower Upper
 169 100
 168 67.3 54.4 81.6
 167 37.1 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 41.404 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. 0.00 min
 Lab File: BF102627.D
 Acq: 30 Jan 2018 6:03

Tgt Ion:248 Resp: 195090
 Ion Ratio Lower Upper
 248 100
 250 96.9 76.9 115.3
 141 73.5 74.4 111.6#





#67

Hexachlorobenzene

Concen: 36.010 ng

RT: 10.85 min Scan# 1489

Delta R.T. -0.01 min

Lab File: BF102627.D

Acq: 30 Jan 2018 6:03

Instrument :

BNA_F

ClientSampleId :

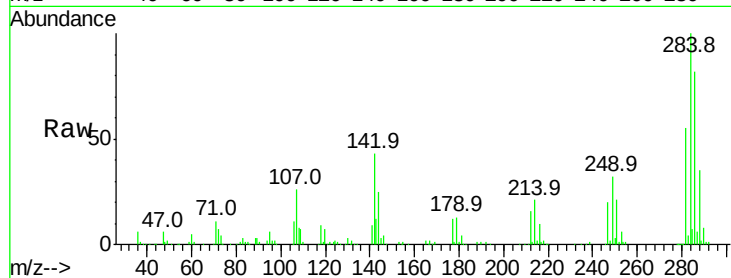
Tot Ion:284 Resp: 189760

Ion Ratio Lower Upper

284 100

142 42.9 34.6 52.0

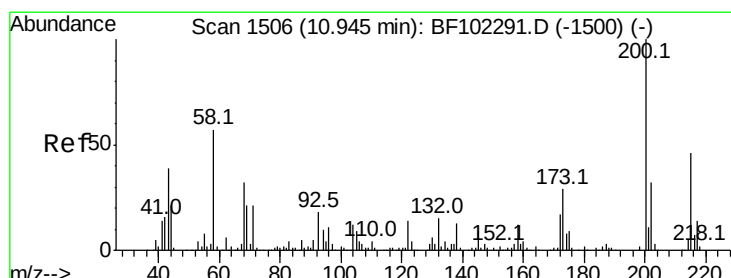
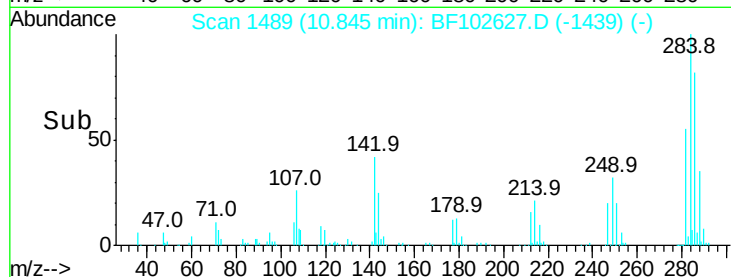
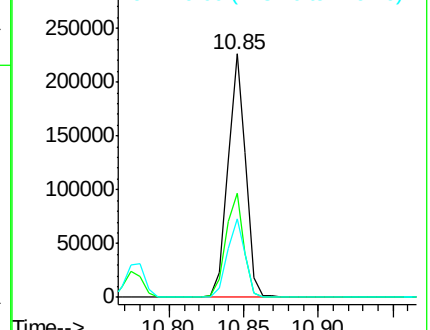
249 32.3 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 39.314 ng

RT: 10.94 min Scan# 1505

Delta R.T. -0.01 min

Lab File: BF102627.D

Acq: 30 Jan 2018 6:03

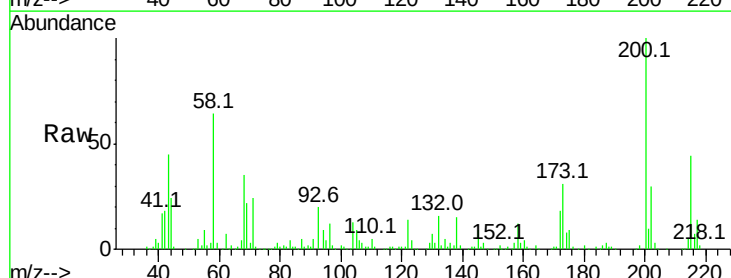
Tgt Ion:200 Resp: 186535

Ion Ratio Lower Upper

200 100

173 30.9 8.6 48.6

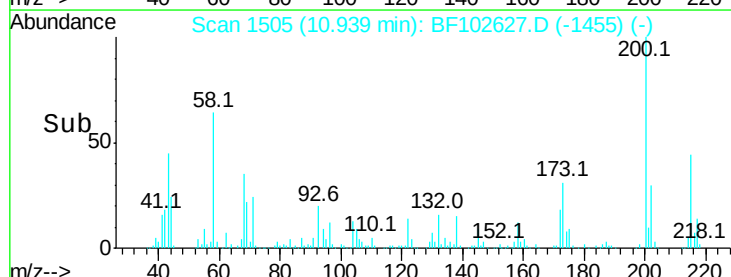
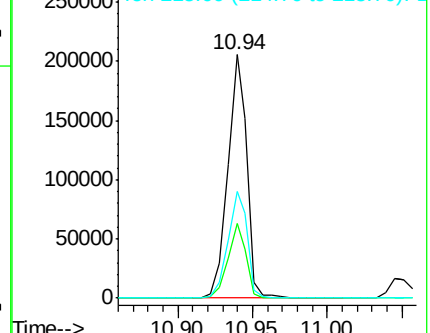
215 43.8 25.1 65.1

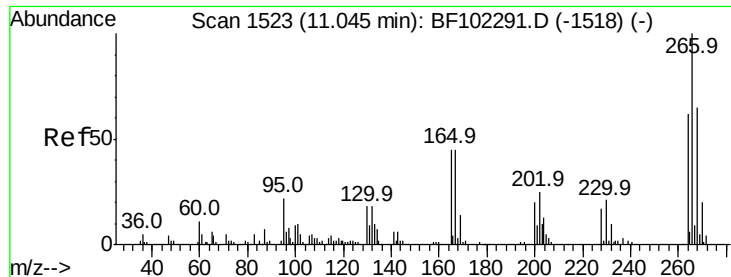


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

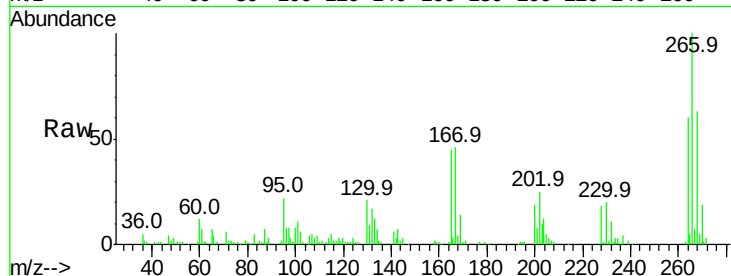




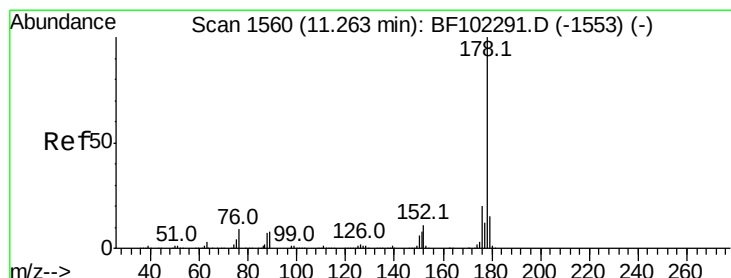
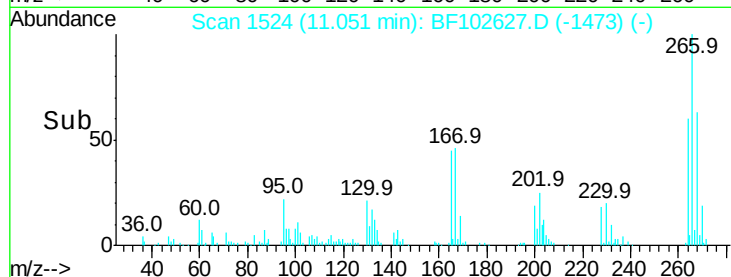
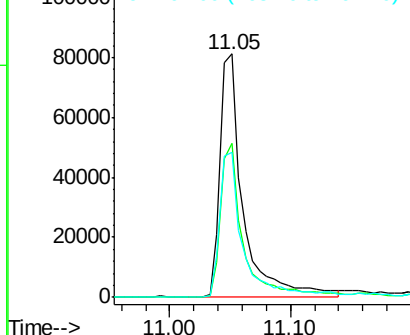
#69
 Pentachlorophenol
 Concen: 38.902 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. 0.00 min
 Lab File: BF102627.D
 Acq: 30 Jan 2018 6:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 107690
 Ion Ratio Lower Upper
 266 100
 268 63.0 51.1 76.7
 264 59.7 49.5 74.3

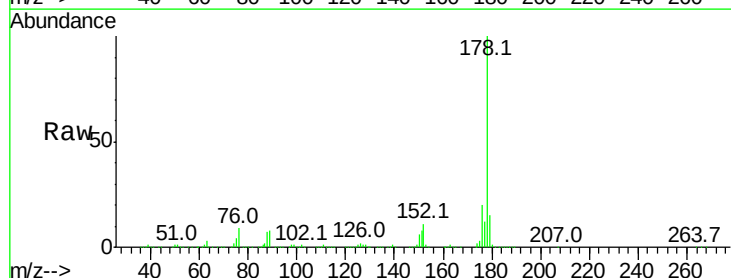


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

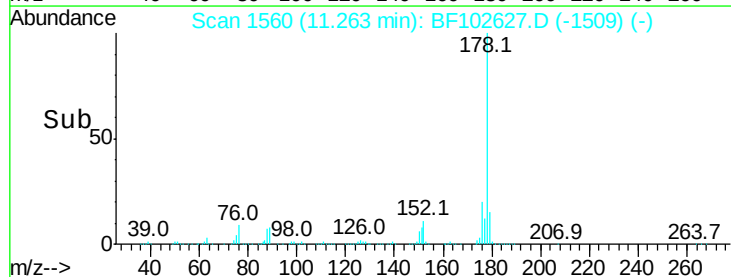
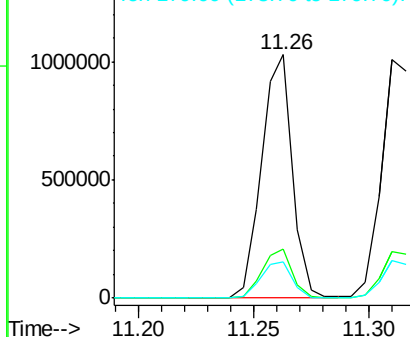


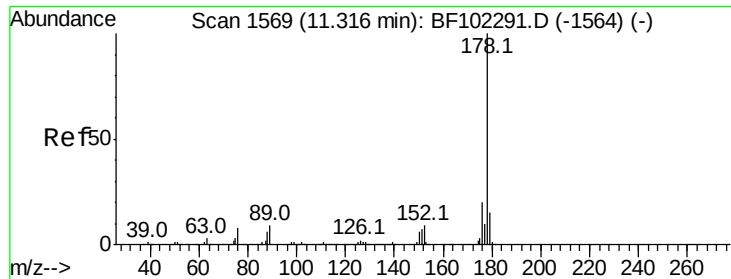
#70
 Phenanthrene
 Concen: 37.544 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: BF102627.D
 Acq: 30 Jan 2018 6:03

Tgt Ion:178 Resp: 957580
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.8 23.8
 179 15.0 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

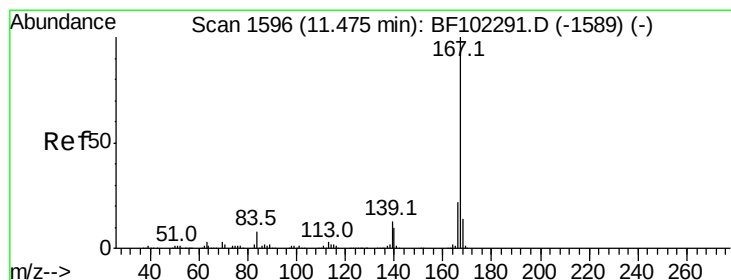
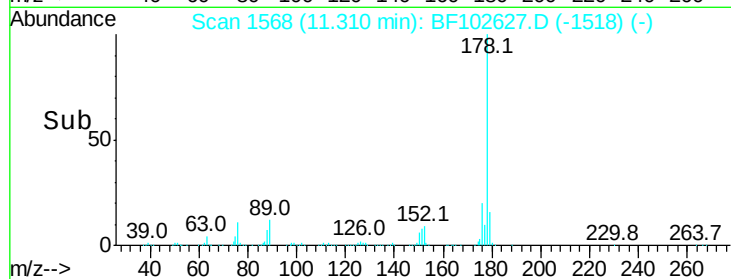
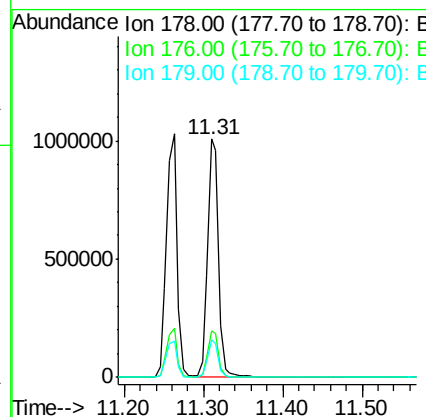
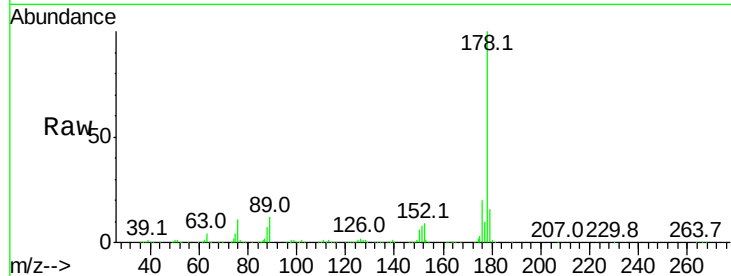




#71
 Anthracene
 Concen: 37.767 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF102627.D
 Acq: 30 Jan 2018 6:03

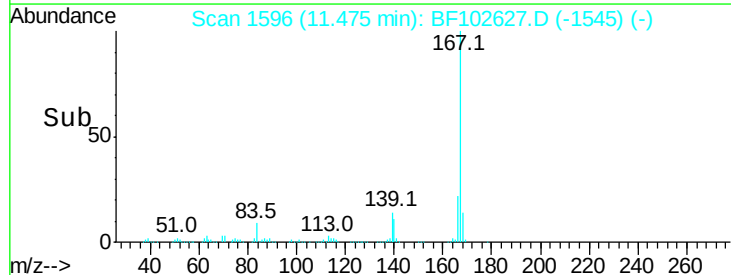
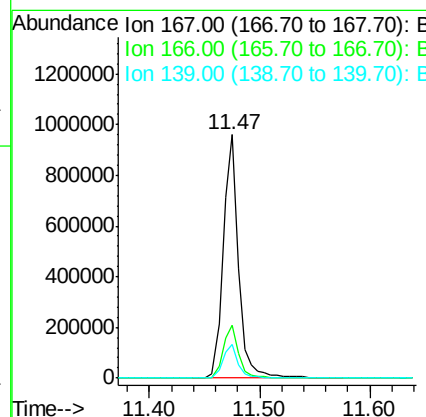
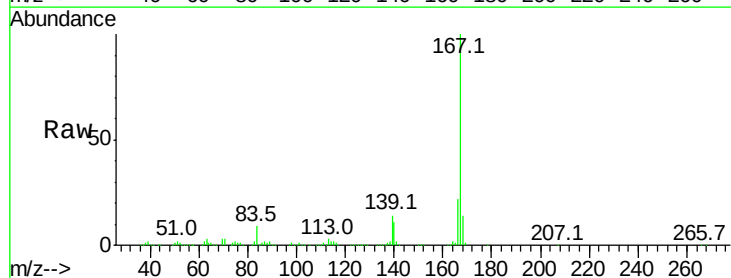
Instrument :
 BNA_F
 ClientSampleId :

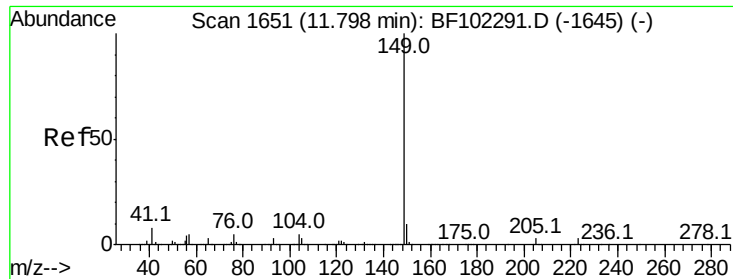
Tot Ion:178 Resp: 983211
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.4 23.2
 179 15.8 12.6 19.0



#72
 Carbazole
 Concen: 36.419 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: BF102627.D
 Acq: 30 Jan 2018 6:03

Tgt Ion:167 Resp: 924946
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 13.6 10.9 16.3





#73

Di-n-butylphthalate

Concen: 39.934 ng

RT: 11.79 min Scan# 1650

Delta R.T. -0.01 min

Lab File: BF102627.D

Acq: 30 Jan 2018 6:03

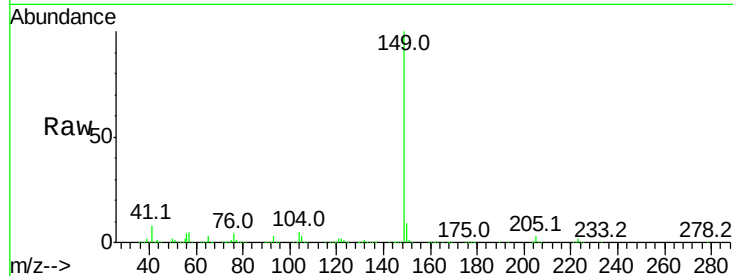
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1267760

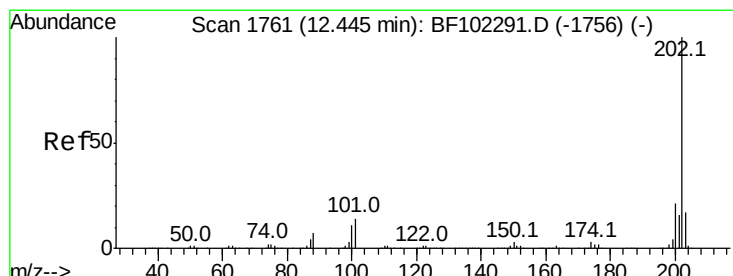
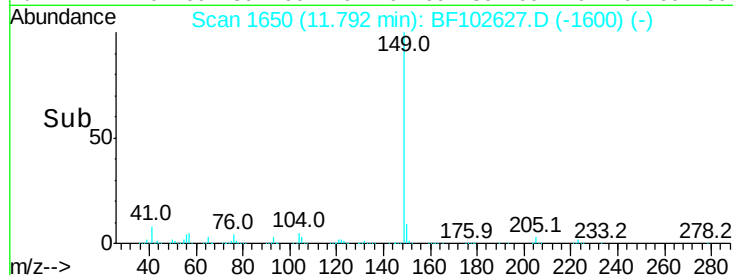
Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.6
104	4.7	3.8	5.8



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: 33.575 ng

RT: 12.45 min Scan# 1761

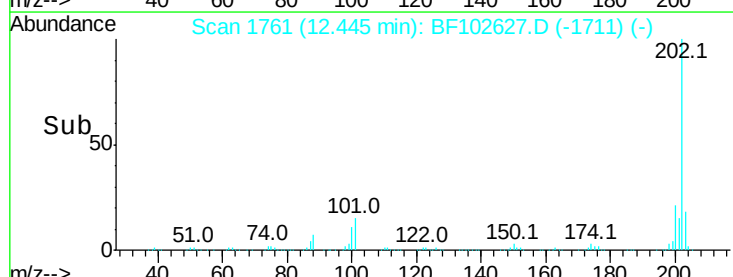
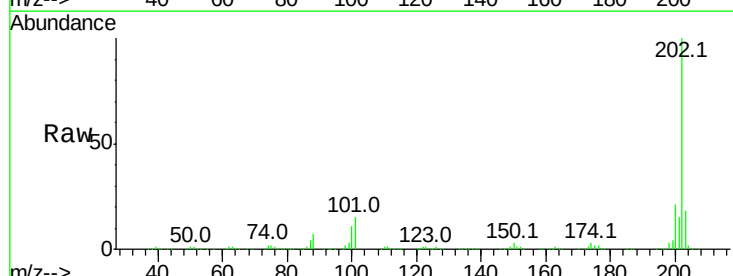
Delta R.T. -0.01 min

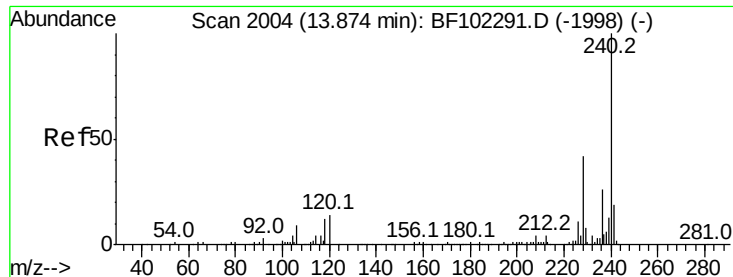
Lab File: BF102627.D

Acq: 30 Jan 2018 6:03

Tgt Ion:202 Resp: 873260

Ion	Ratio	Lower	Upper
202	100		
101	15.2	0.0	34.1
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF102627.D

Acq: 30 Jan 2018 6:03

Instrument :

BNA_F

ClientSampleId :

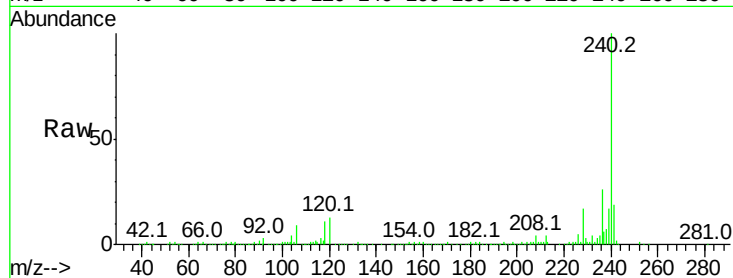
Tot Ion:240 Resp: 269885

Ion Ratio Lower Upper

240 100

120 13.0 9.5 14.3

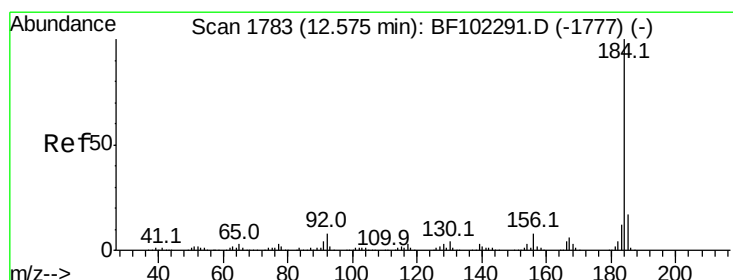
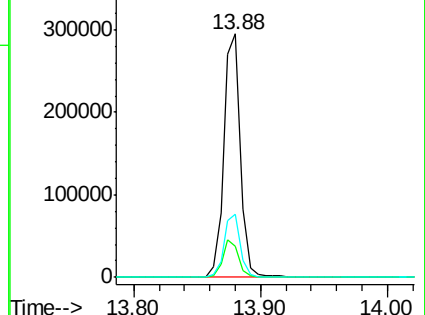
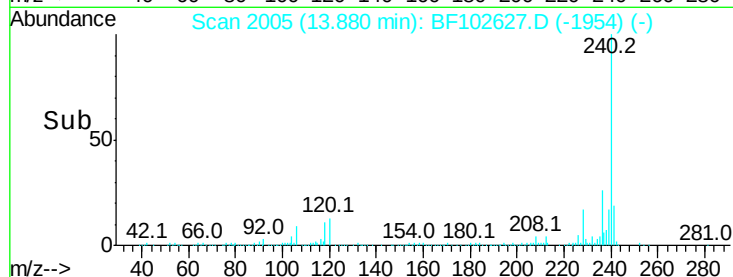
236 25.7 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 52.283 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF102627.D

Acq: 30 Jan 2018 6:03

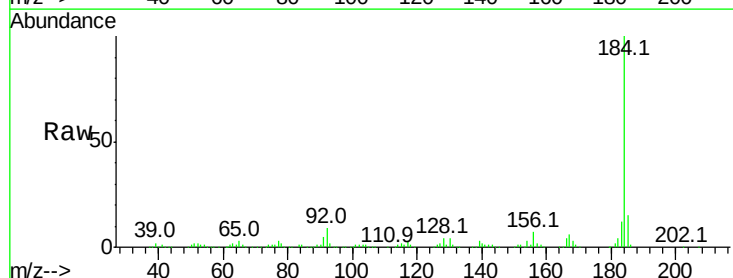
Tgt Ion:184 Resp: 474022

Ion Ratio Lower Upper

184 100

185 14.6 12.6 18.8

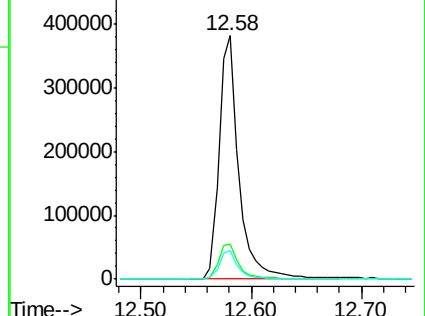
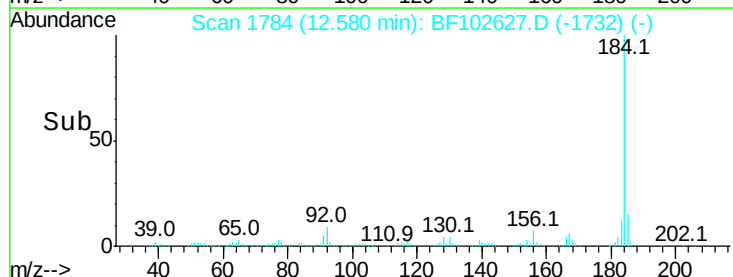
183 11.9 9.3 13.9

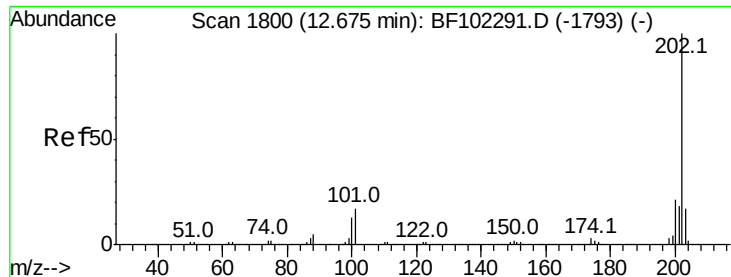


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

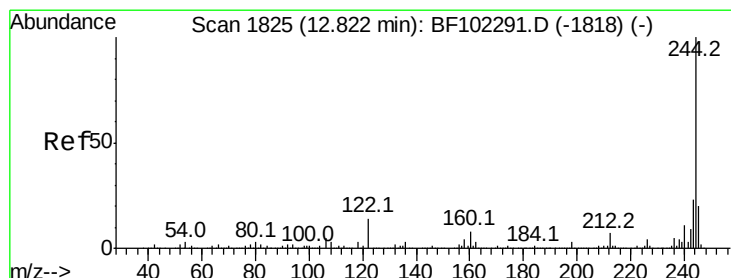
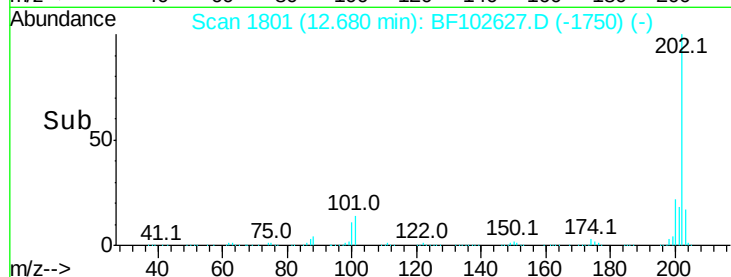
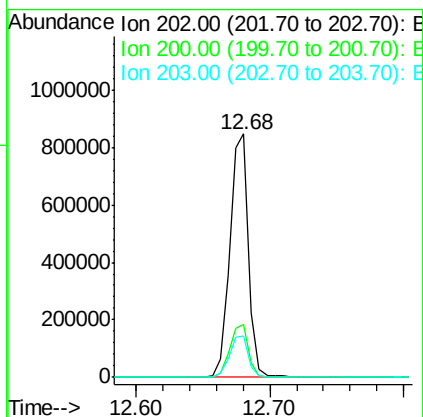
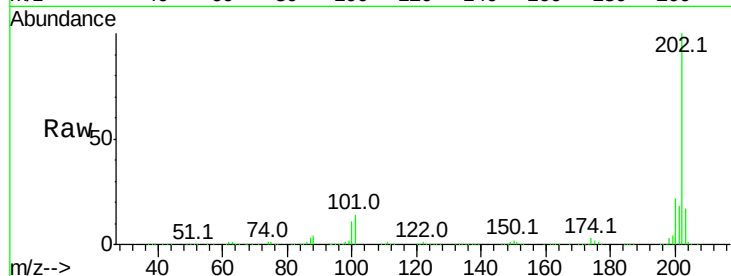




#77
Pvrene
Concen: 39.798 ng
RT: 12.68 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BF102627.D
Acq: 30 Jan 2018 6:03

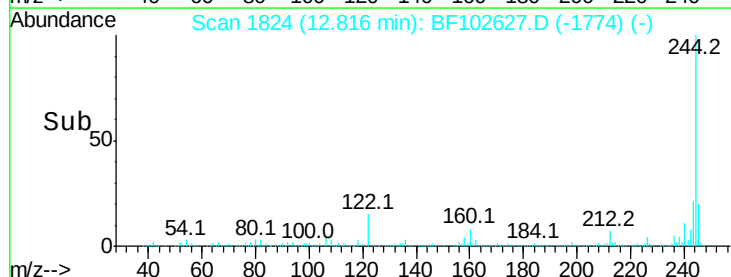
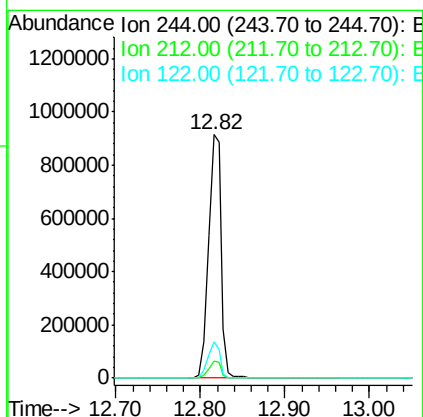
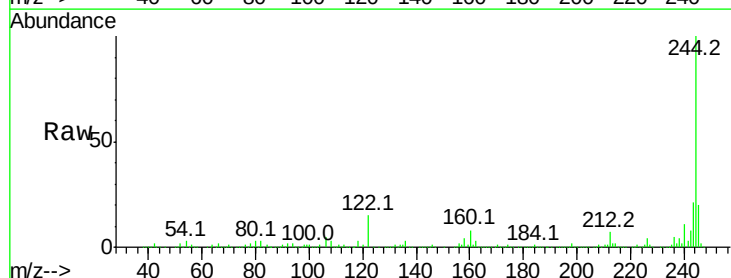
Instrument :
BNA_F
ClientSampled :

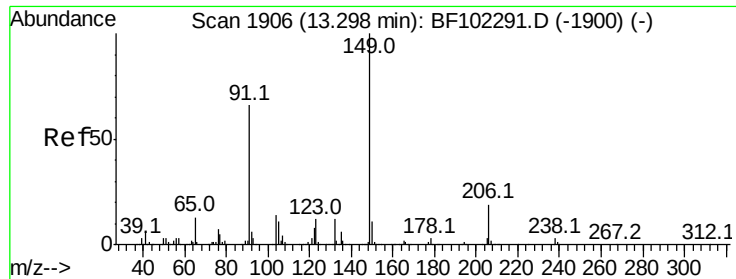
Tot Ion:202 Resp: 830452
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 17.1 14.3 21.5



#78
Terphenyl-d14
Concen: 80.425 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF102627.D
Acq: 30 Jan 2018 6:03

Tgt Ion:244 Resp: 962827
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 14.9 11.0 16.4

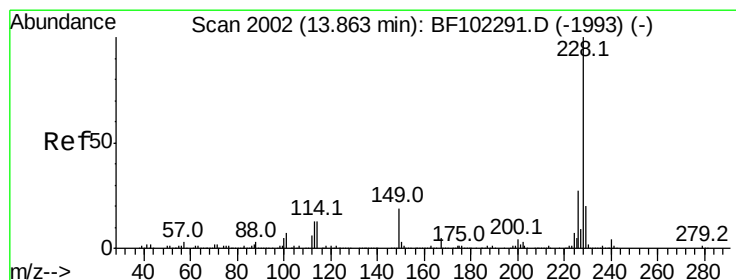
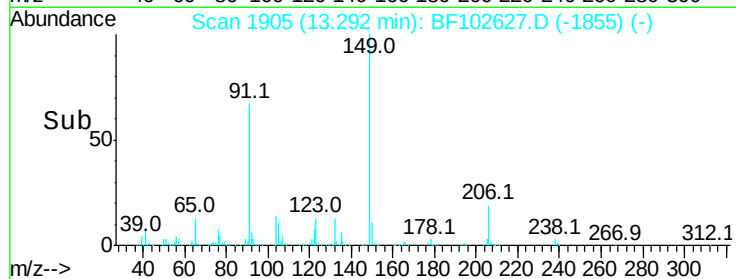
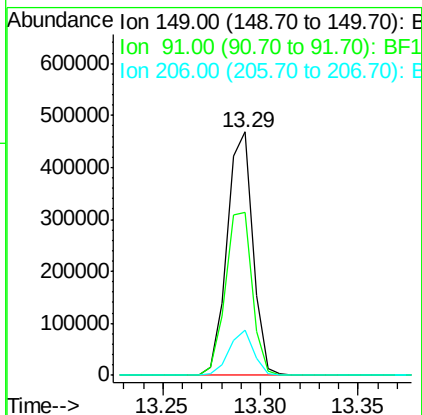
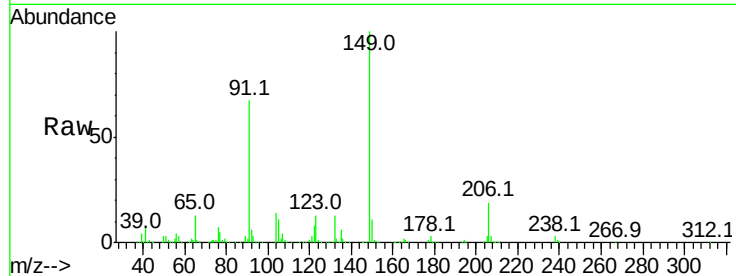




#79
Butylbenzylphthalate
Concen: 41.426 ng
RT: 13.29 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BF102627.D
Acq: 30 Jan 2018 6:03

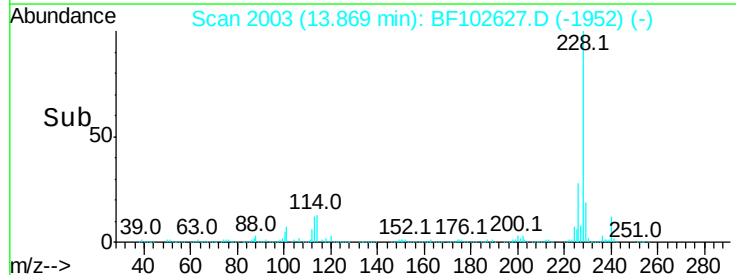
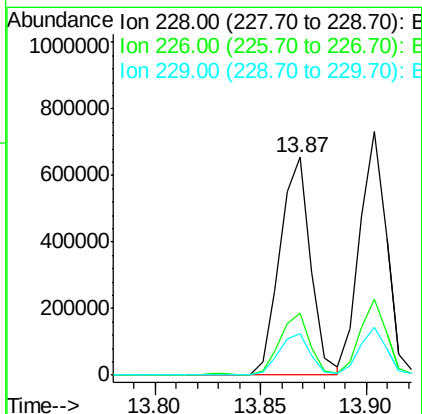
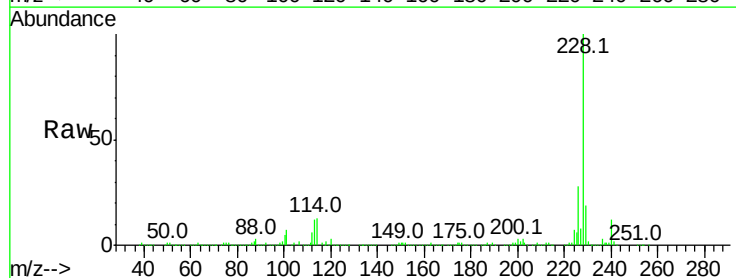
Instrument :
BNA_F
ClientSampleId :

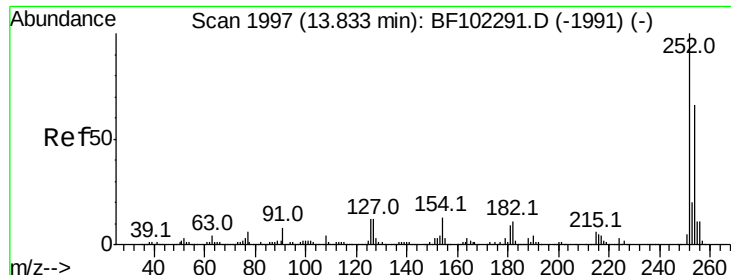
Tot Ion	Ratio	Lower	Upper
149	100		
91	67.1	56.8	85.2
206	18.5	14.1	21.1



#80
Benzo(a)anthracene
Concen: 40.044 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BF102627.D
Acq: 30 Jan 2018 6:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	19.3	15.8	23.6

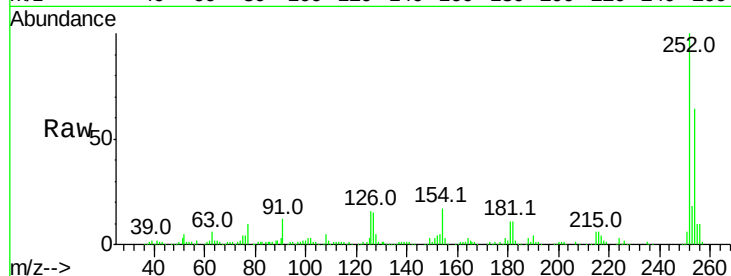




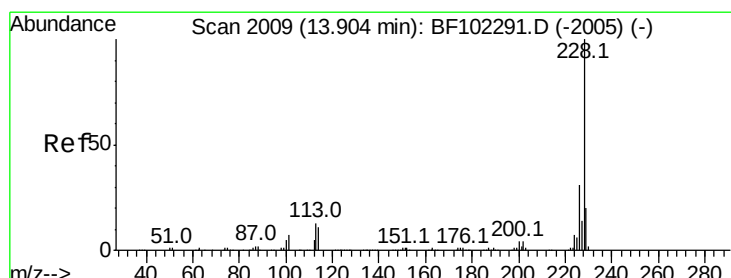
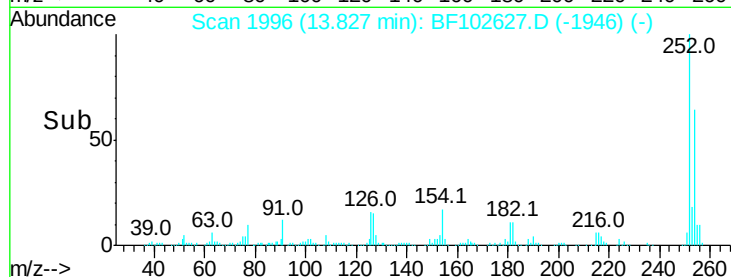
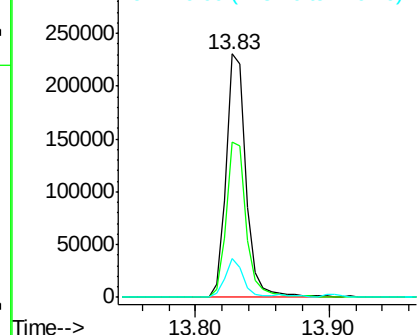
#81
 3,3'-Dichlorobenzidine
 Concen: 40.249 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF102627.D
 Acq: 30 Jan 2018 6:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.0	50.4	75.6
126	16.0	11.3	16.9

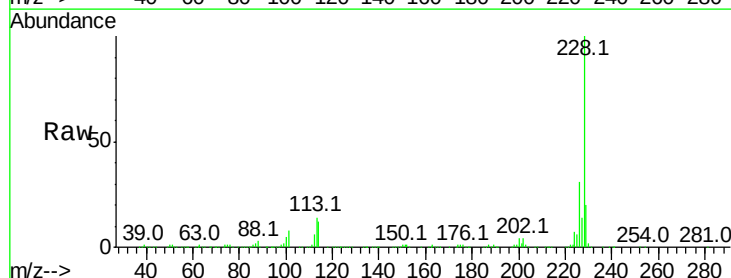


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

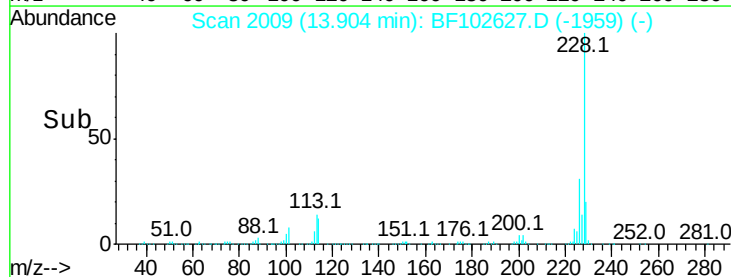
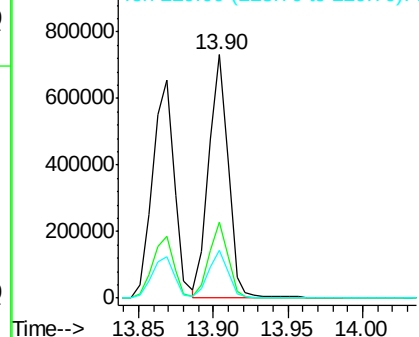


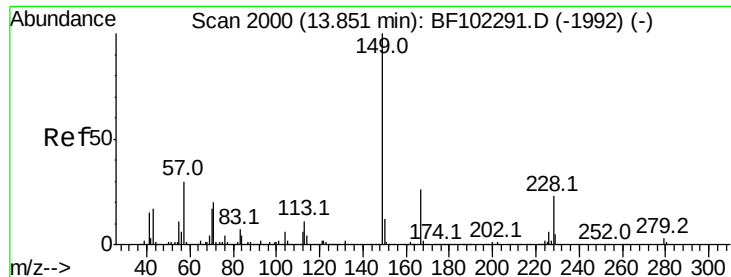
#82
 Chrysene
 Concen: 38.927 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF102627.D
 Acq: 30 Jan 2018 6:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	19.7	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: 43.332 ng

RT: 13.85 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BF102627.D

Acq: 30 Jan 2018 6:03

Instrument :

BNA_F

ClientSampleId :

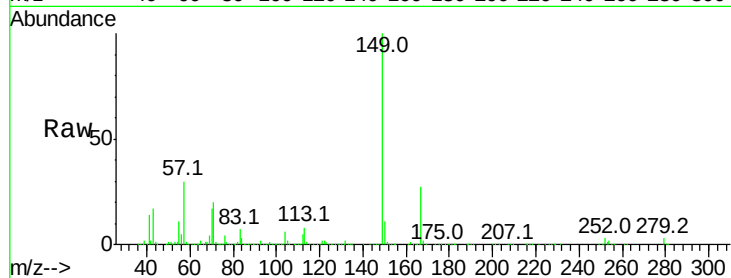
Tot Ion:149 Resp: 604714

Ion Ratio Lower Upper

149 100

167 26.8 21.3 31.9

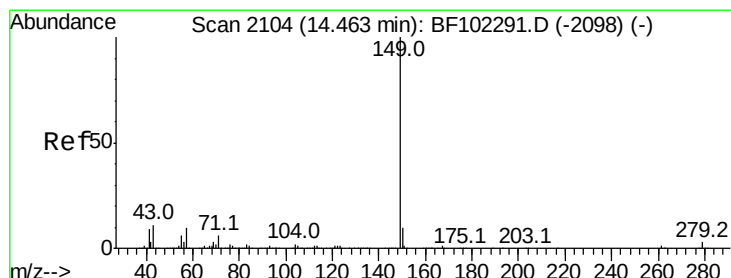
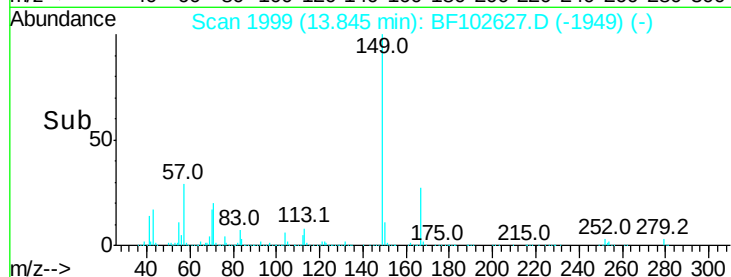
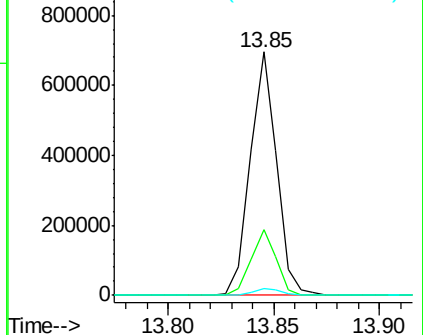
279 2.9 3.0 4.4#



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: 38.619 ng

RT: 14.46 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BF102627.D

Acq: 30 Jan 2018 6:03

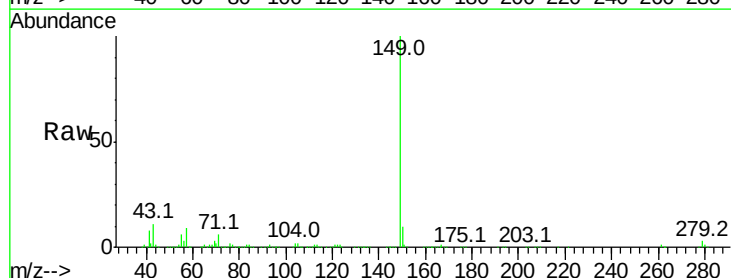
Tgt Ion:149 Resp: 876454

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

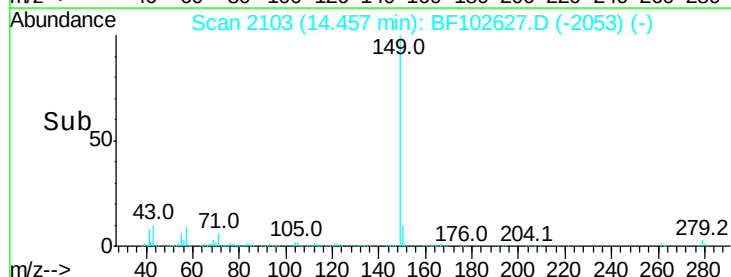
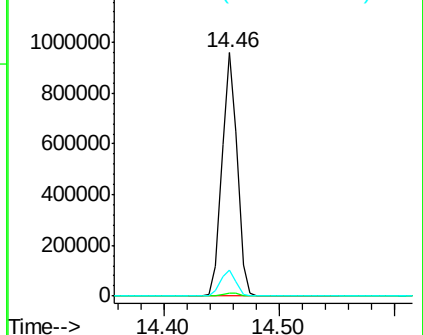
43 10.6 8.4 12.6

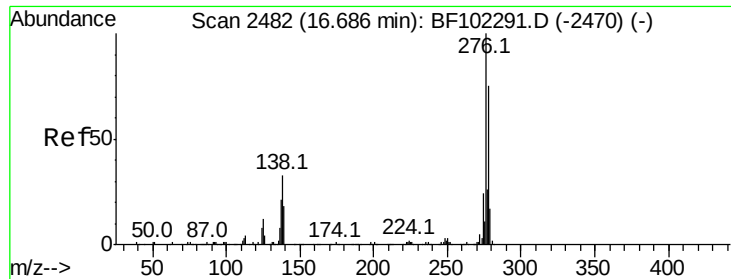


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

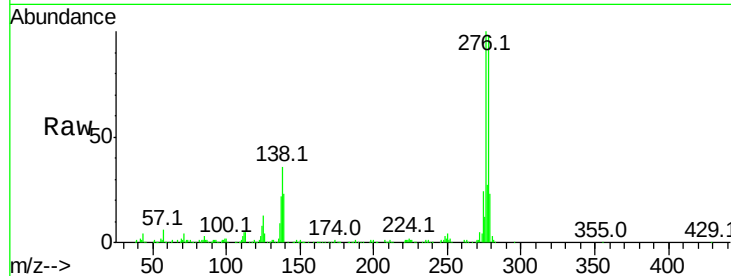




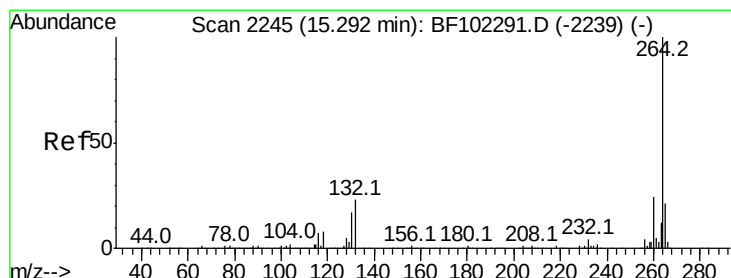
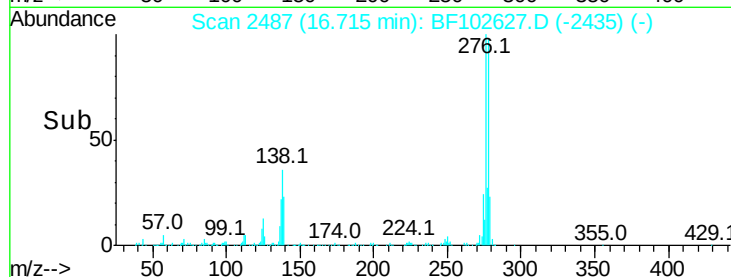
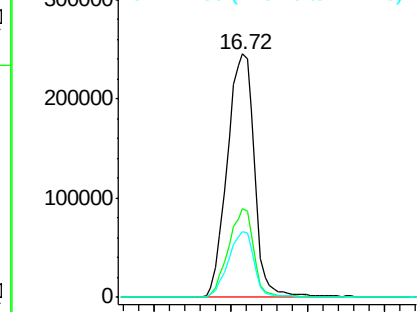
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.405 ng
 RT: 16.72 min Scan# 2487
 Delta R.T. 0.01 min
 Lab File: BF102627.D
 Acq: 30 Jan 2018 6:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.1	25.0	37.6
277	25.7	20.1	30.1

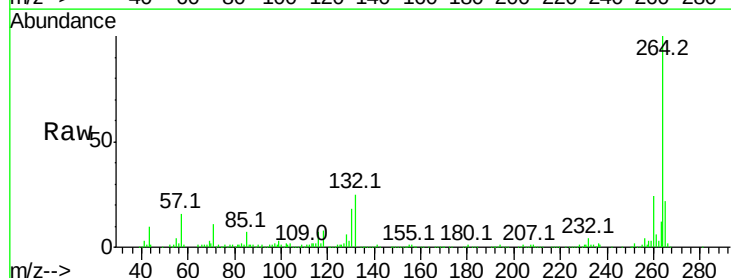


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

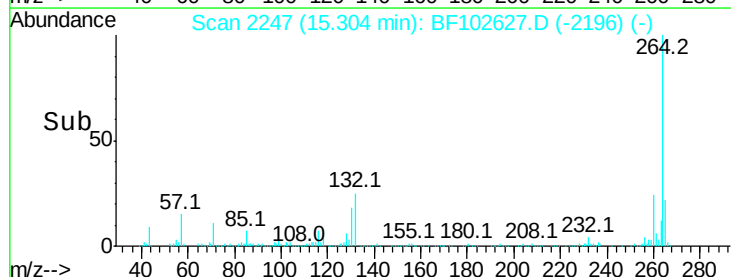
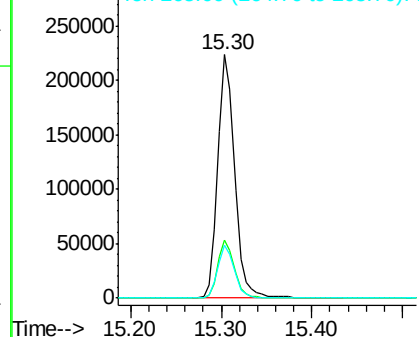


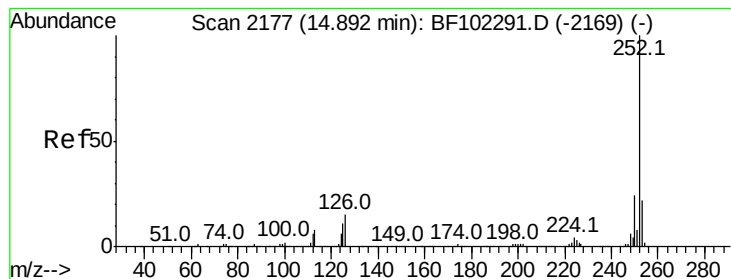
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. 0.00 min
 Lab File: BF102627.D
 Acq: 30 Jan 2018 6:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.6	17.5	26.3



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





#87

Benzo(b)fluoranthene

Concen: 33.490 ng

RT: 14.90 min Scan# 2178

Delta R.T. 0.00 min

Lab File: BF102627.D

Acq: 30 Jan 2018 6:03

Instrument :

BNA_F

ClientSampleId :

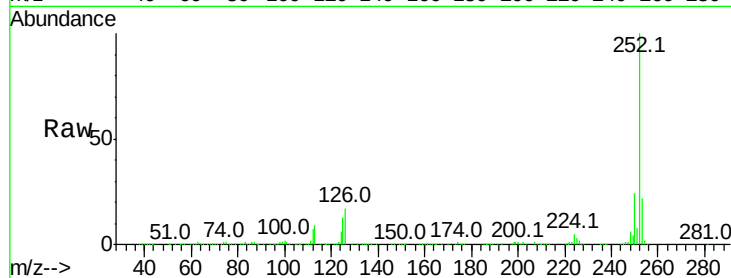
Tot Ion:252 Resp: 633403

Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.6

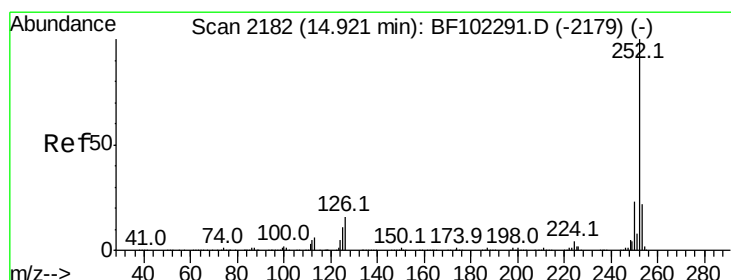
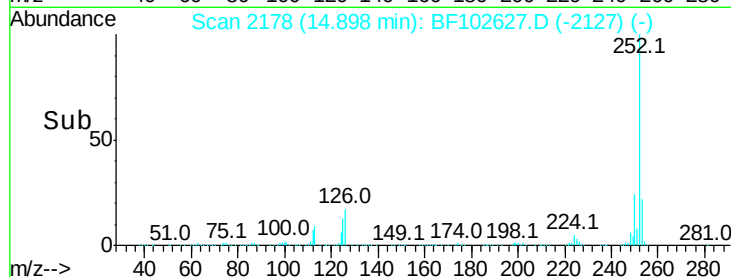
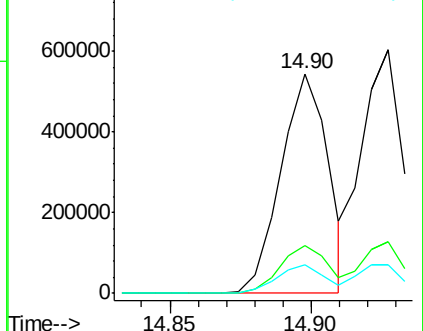
125 12.9 9.0 13.6



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: 35.307 ng

RT: 14.93 min Scan# 2183

Delta R.T. 0.00 min

Lab File: BF102627.D

Acq: 30 Jan 2018 6:03

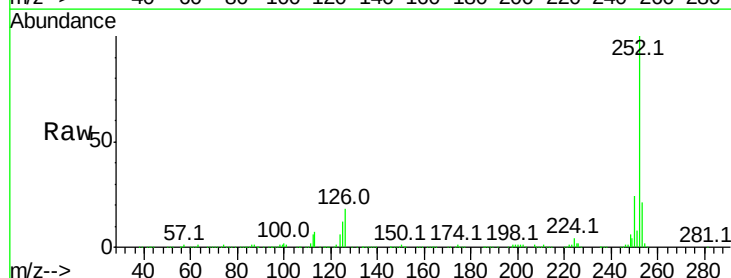
Tgt Ion:252 Resp: 630902

Ion Ratio Lower Upper

252 100

253 21.5 17.9 26.9

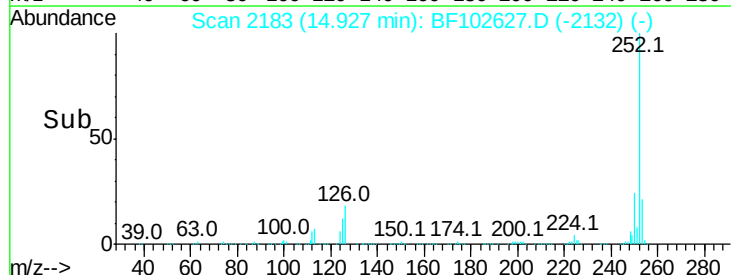
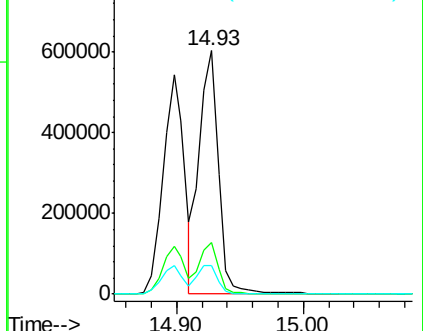
125 12.0 10.2 15.2

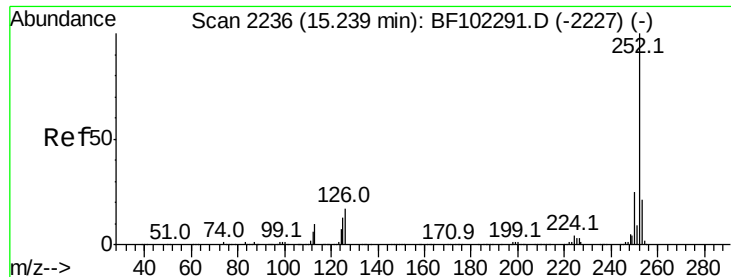


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 37.808 ng

RT: 15.25 min Scan# 2238

Delta R.T. 0.00 min

Lab File: BF102627.D

Acq: 30 Jan 2018 6:03

Instrument :

BNA_F

ClientSampleId :

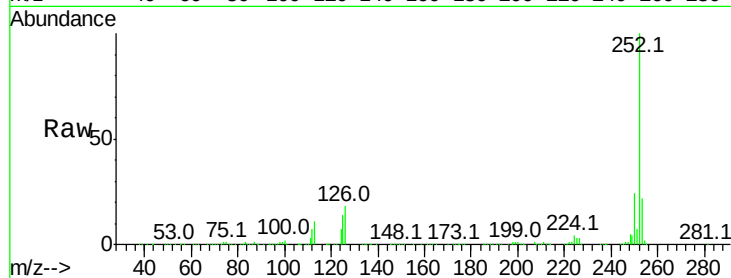
Tot Ion:252 Resp: 644921

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

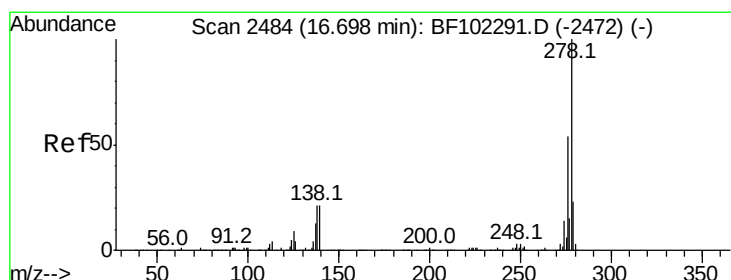
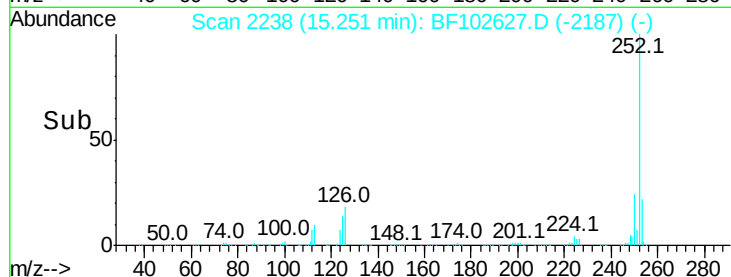
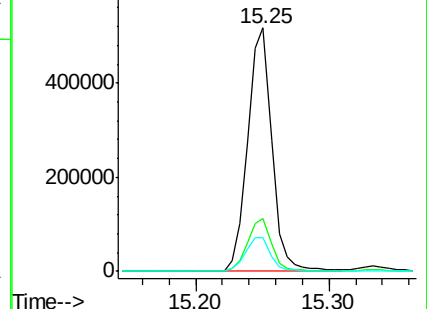
125 13.8 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 36.423 ng

RT: 16.72 min Scan# 2488

Delta R.T. 0.00 min

Lab File: BF102627.D

Acq: 30 Jan 2018 6:03

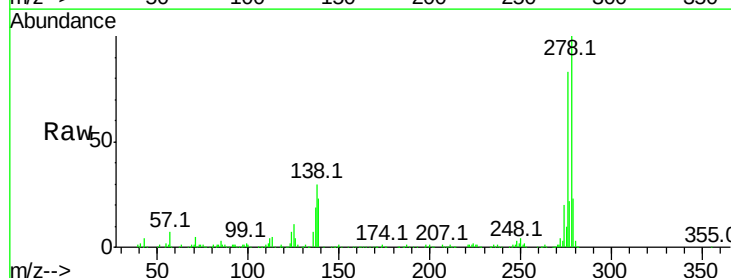
Tgt Ion:278 Resp: 503274

Ion Ratio Lower Upper

278 100

139 23.0 15.9 23.9

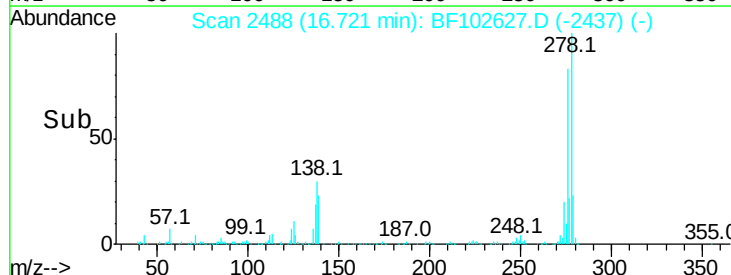
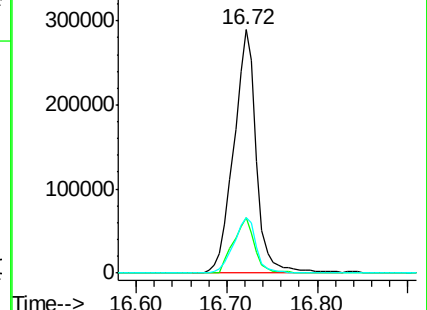
279 22.8 19.0 28.4

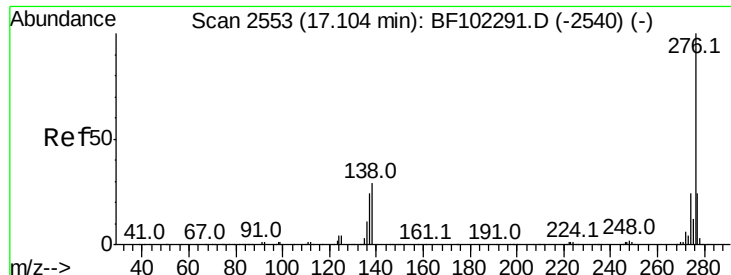


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 36.654 ng

RT: 17.13 min Scan# 2558

Delta R.T. 0.00 min

Lab File: BF102627.D

Acq: 30 Jan 2018 6:03

Instrument :

BNA_F

ClientSampleId :

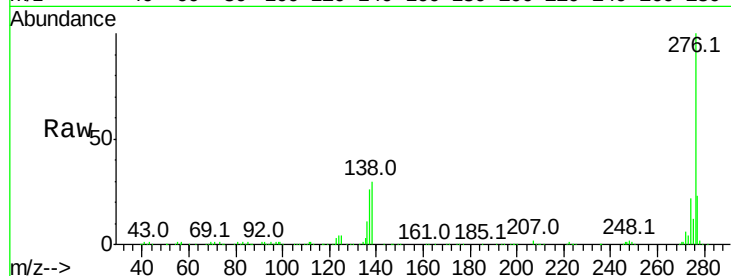
Tot Ion:276 Resp: 500087

Ion Ratio Lower Upper

276 100

277 23.5 17.9 26.9

138 29.7 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

