

Data Path : U:\HPCHEM1\BNA F\DATA\BF013018\
 Data File : BF102643.D
 Acq On : 30 Jan 2018 16:58
 Operator : SJ/JU
 Sample : J1364-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 22:18:33 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	156722	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	662900	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	295368	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	513825	20.00	ng	0.00
75) Chrysene-d12	13.87	240	396842	20.00	ng	0.00
86) Perylene-d12	15.30	264	277919	20.00	ng	0.00

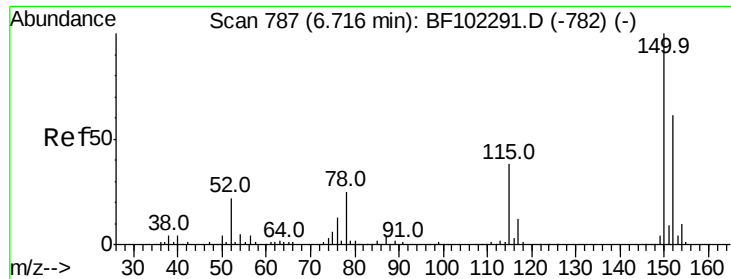
System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	537343	51.99	ng	0.00
7) Phenol-d6	6.36	99	410949	32.98	ng	0.00
23) Nitrobenzene-d5	7.28	82	915051	79.33	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	282443	96.51	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1570284	78.17	ng	0.00
78) Terphenyl-d14	12.82	244	1418593	80.59	ng	0.00

Target Compounds

						Qvalue
10) Phenol	6.37	94	33530	2.465	ng	# 76
17) 2-Methylphenol	7.14	107	126915	13.487	ng	# 71
19) n-Nitroso-di-n-propylamine	7.28	70	120216	15.764	ng	# 79
20) 3+4-Methylphenols	7.14	107	130748	11.814	ng	# 87
25) Isophorone	7.28	82	915041	44.496	ng	# 64
27) 2,4-Dimethylphenol	7.76	122	21593	2.393	ng	# 11
32) Benzoic acid	7.76	122	21593	2.857	ng	# 100
50) 2,6-Dinitrotoluene	9.75	165	38842	7.379	ng	# 26
56) 2,4-Dinitrotoluene	9.75	165	38842	6.001	ng	# 24
66) 4-Bromophenyl-phenylether	10.54	248	19490	3.524	ng	# 1

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

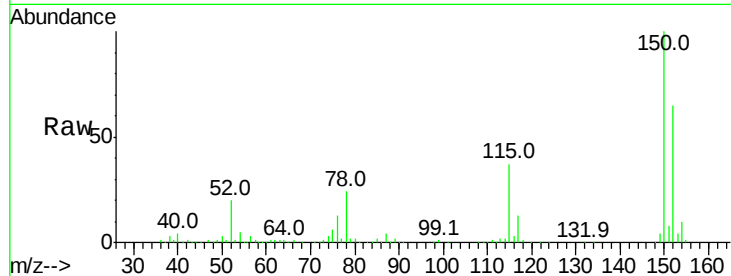


#1

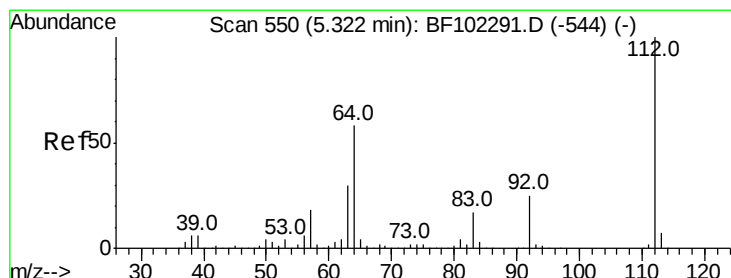
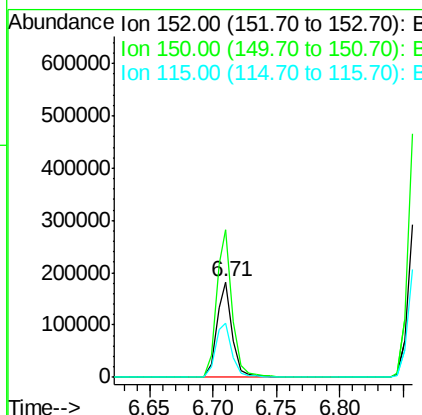
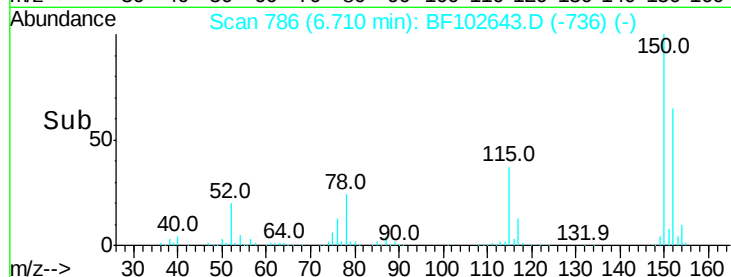
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102643.D
Acq: 30 Jan 2018 16:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 156722
Ion Ratio Lower Upper
152 100
150 154.9 124.6 186.8
115 57.3 50.1 75.1



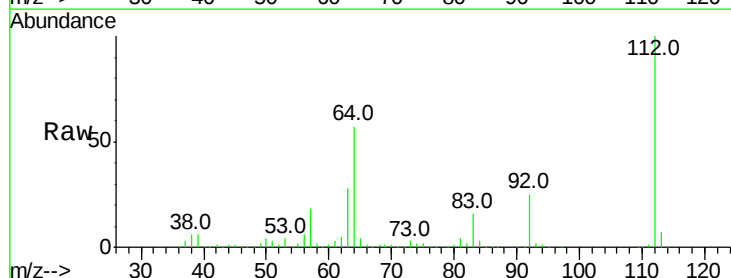
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



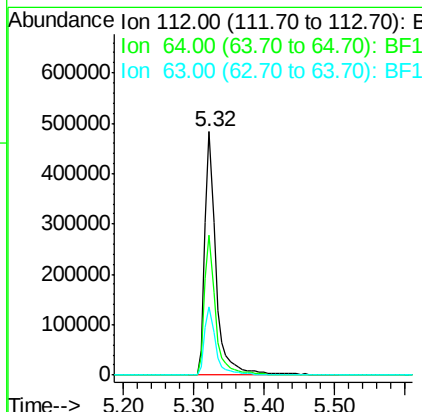
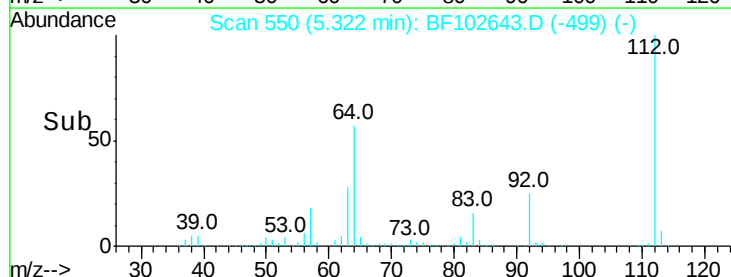
#5

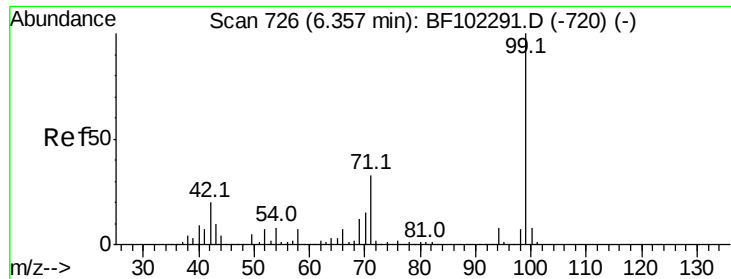
2-Fluorophenol
Concen: 51.987 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF102643.D
Acq: 30 Jan 2018 16:58

Tgt Ion:112 Resp: 537343
Ion Ratio Lower Upper
112 100
64 57.3 47.9 71.9
63 28.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 32.979 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102643.D

Acq: 30 Jan 2018 16:58

Instrument :

BNA_F

ClientSampled :

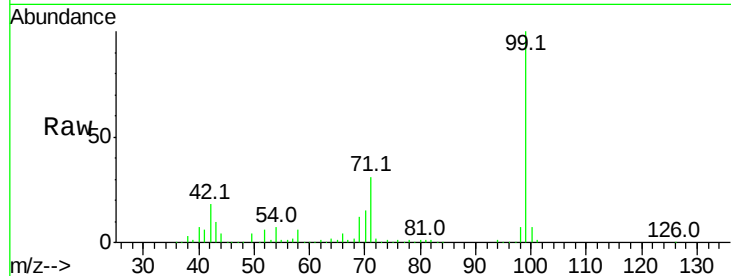
Tot Ion: 99 Resp: 410949

Ion Ratio Lower Upper

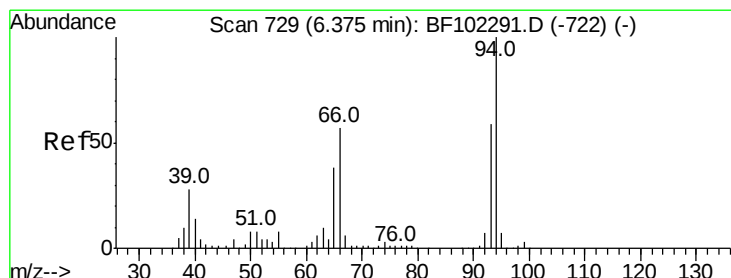
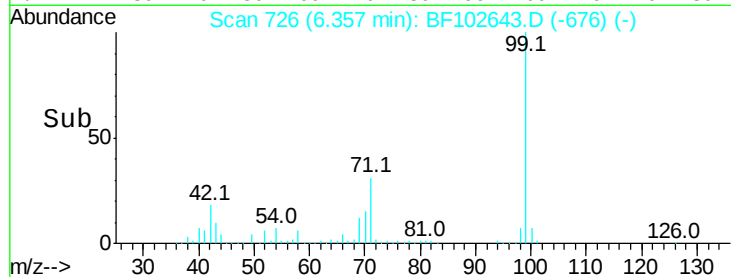
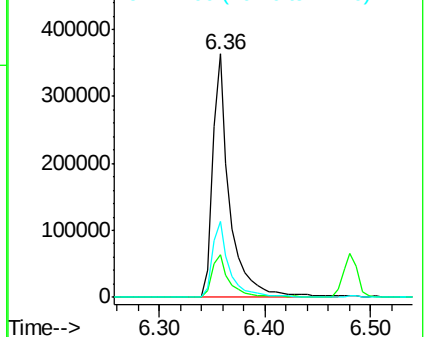
99 100

42 17.7 14.5 21.7

71 31.2 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.465 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102643.D

Acq: 30 Jan 2018 16:58

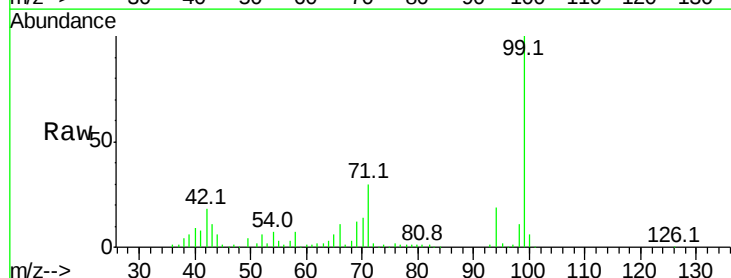
Tgt Ion: 94 Resp: 33530

Ion Ratio Lower Upper

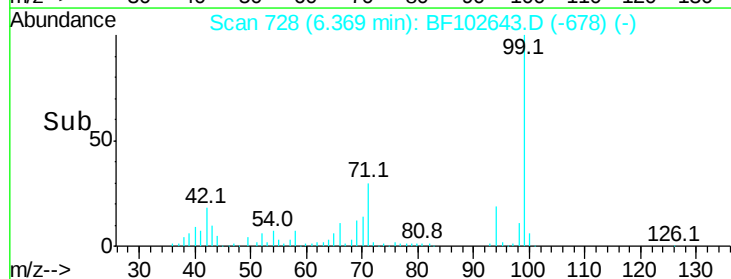
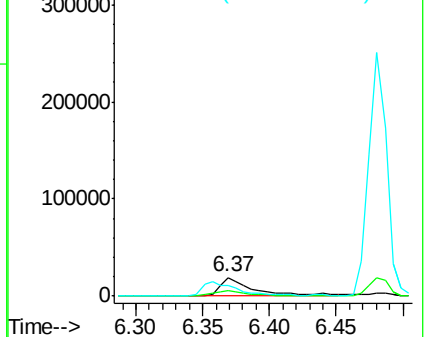
94 100

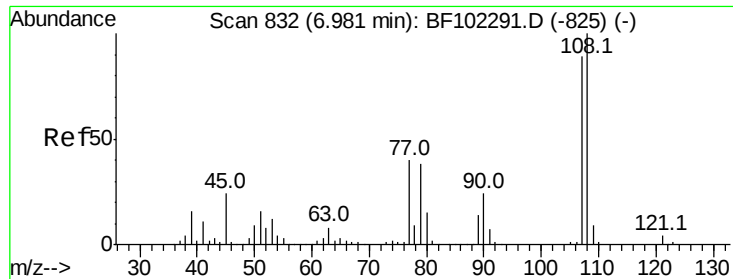
65 31.4 7.9 47.9

66 58.0 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

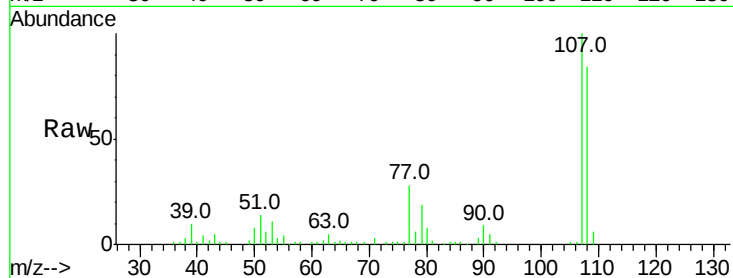




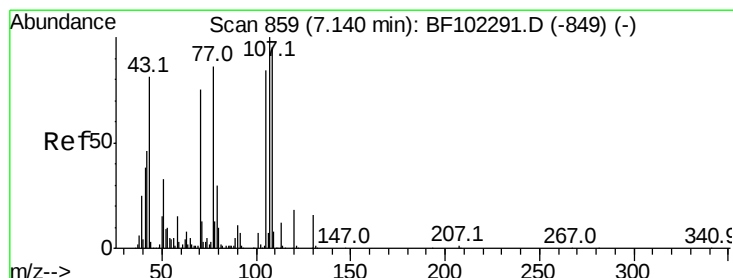
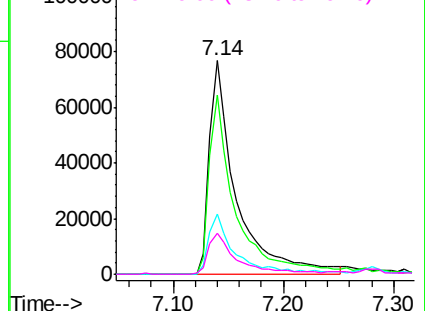
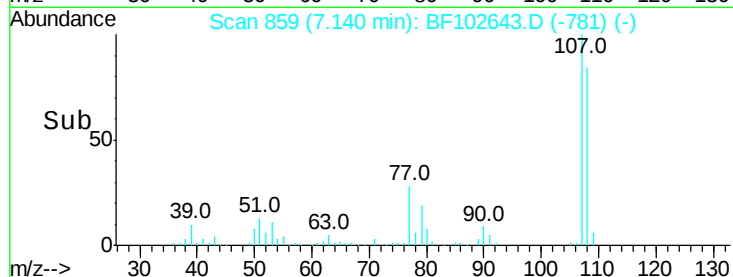
#17
2-Methylphenol
Concen: 13.487 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.16 min
Lab File: BF102643.D
Acq: 30 Jan 2018 16:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 126915
Ion Ratio Lower Upper
107 100
108 83.7 91.7 137.5#
77 28.2 33.8 50.8#
79 19.0 33.8 50.8#

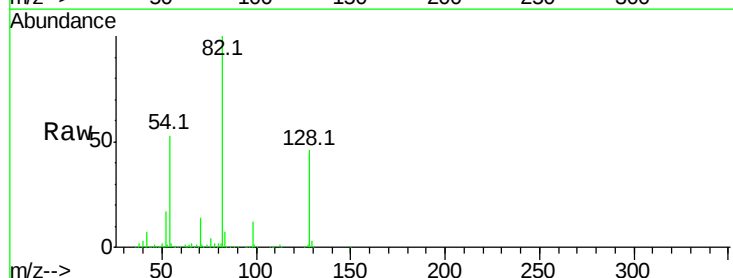


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

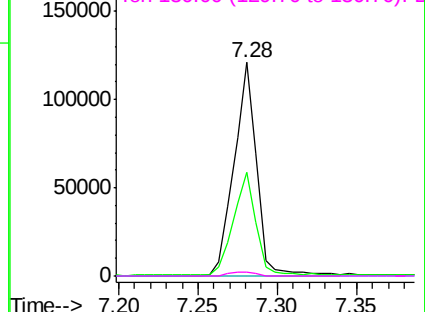
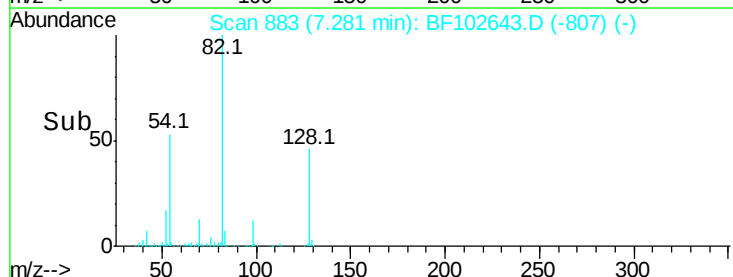


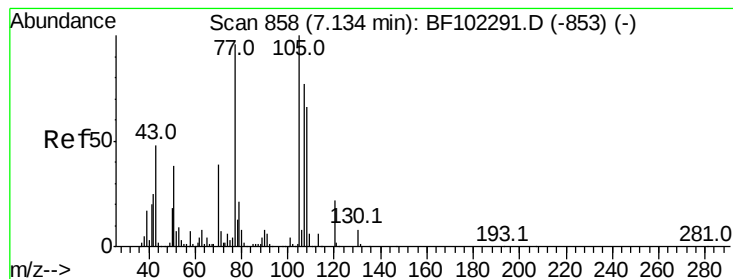
#19
n-Nitroso-di-n-propylamine
Concen: 15.764 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.15 min
Lab File: BF102643.D
Acq: 30 Jan 2018 16:58

Tgt Ion: 70 Resp: 120216
Ion Ratio Lower Upper
70 100
42 48.7 47.5 71.3
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 11.814 ng

RT: 7.14 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF102643.D

Acq: 30 Jan 2018 16:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 130748

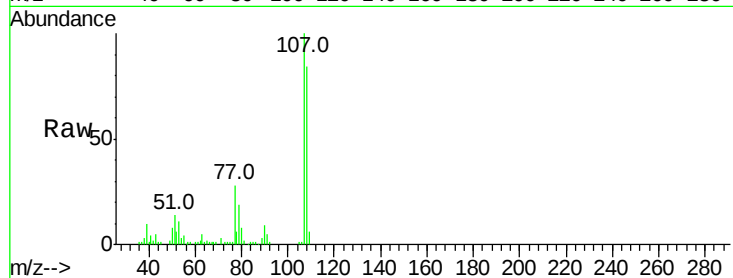
Ion Ratio Lower Upper

107 100

108 83.7 68.2 108.2

77 28.2 26.7 66.7

79 19.0 6.3 46.3

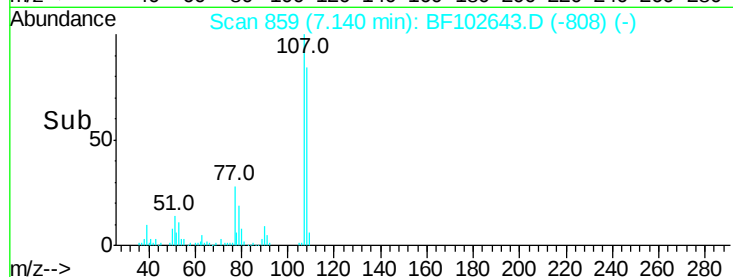


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

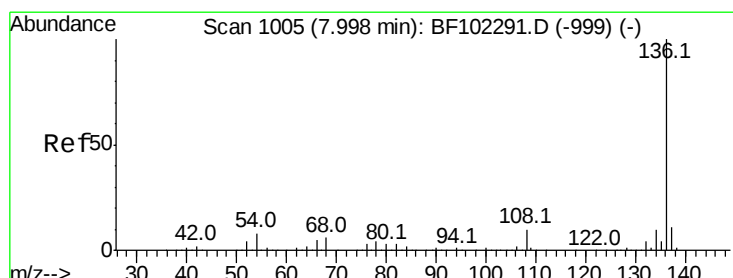
Ion 79.00 (78.70 to 79.70): BF1



Abundance

7.14

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF102643.D

Acq: 30 Jan 2018 16:58

Tgt Ion:136 Resp: 662900

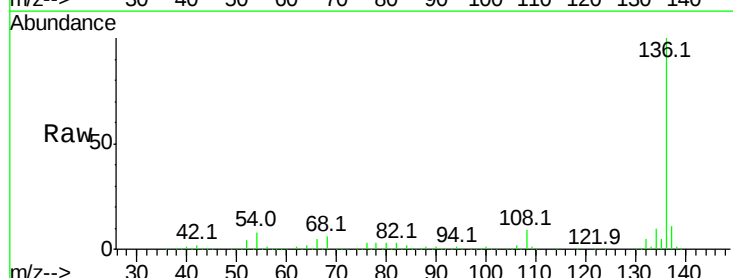
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.0 6.6 9.8

68 5.7 5.0 7.4

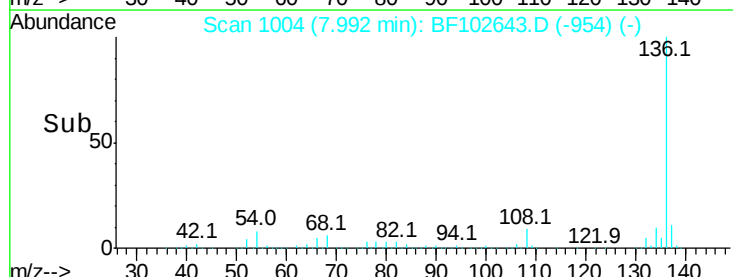


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

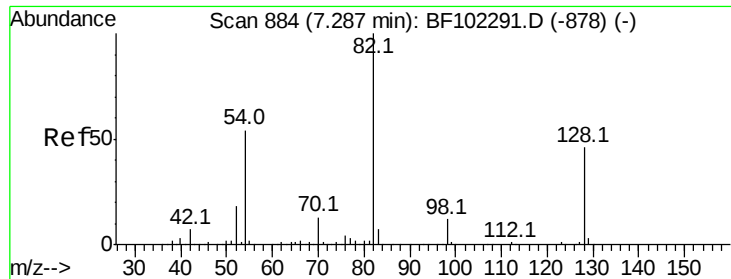
Ion 68.00 (67.70 to 68.70): BF1



Abundance

7.99

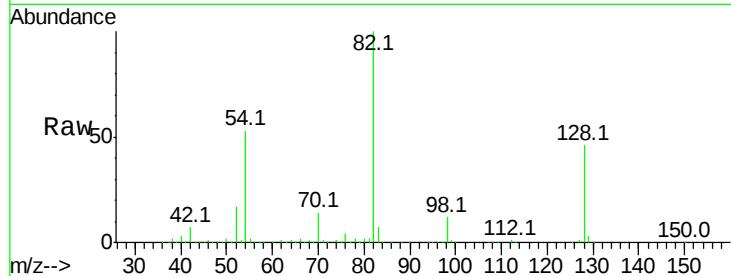
Time-->



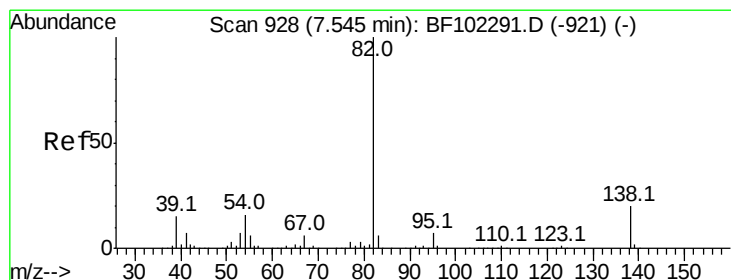
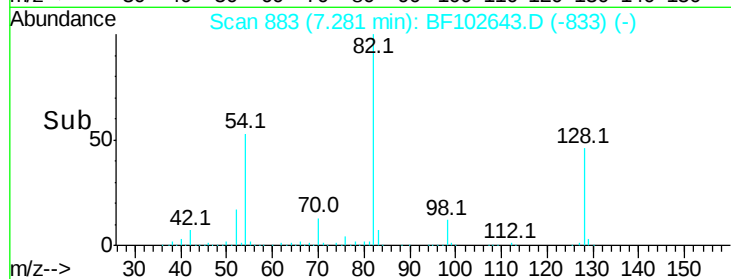
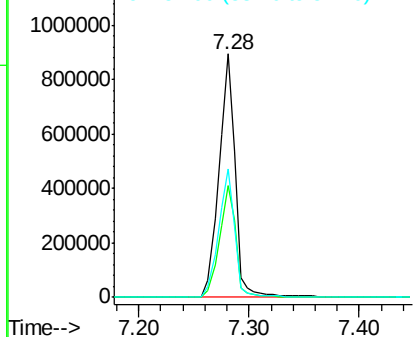
#23
Nitrobenzene-d5
Concen: 79.326 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102643.D
Acq: 30 Jan 2018 16:58

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	915051
Ion Ratio	Lower	Upper	
82	100		
128	46.1	36.1	54.1
54	52.7	41.4	62.2

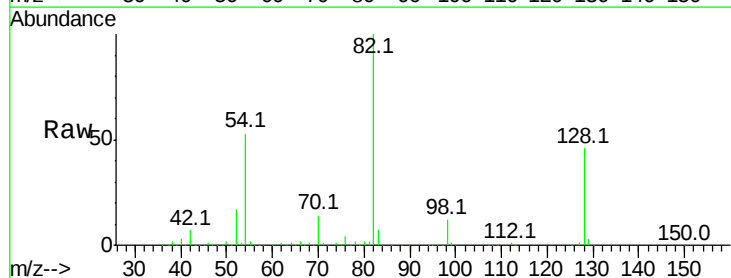


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

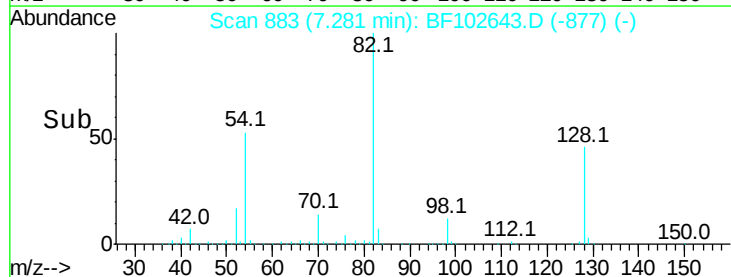
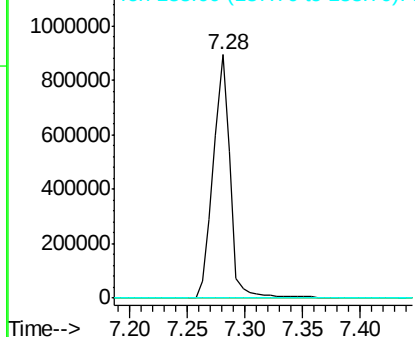


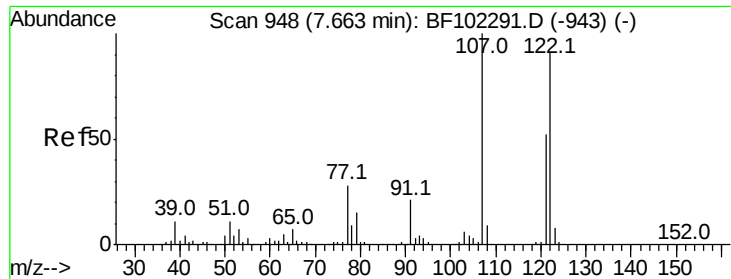
#25
Isophorone
Concen: 44.496 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF102643.D
Acq: 30 Jan 2018 16:58

Tgt Ion	82	Resp	915041
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

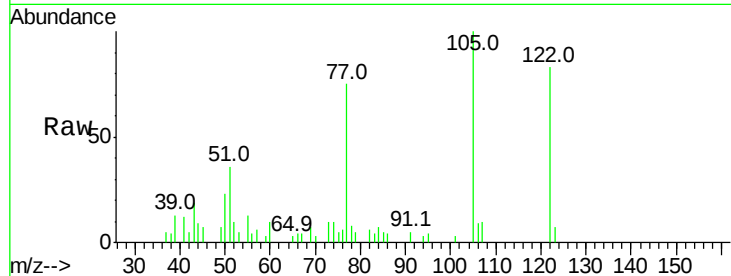




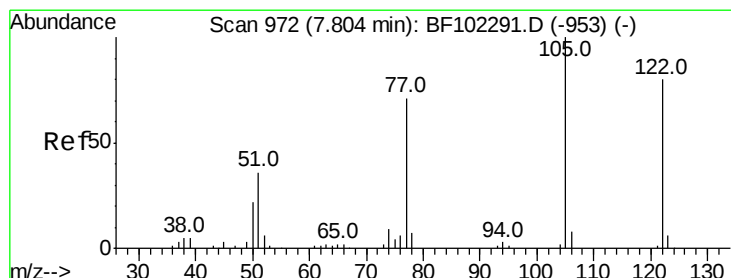
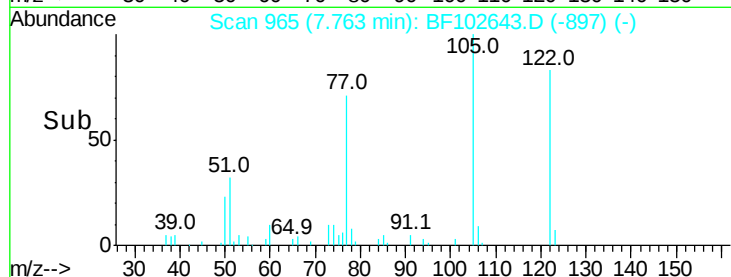
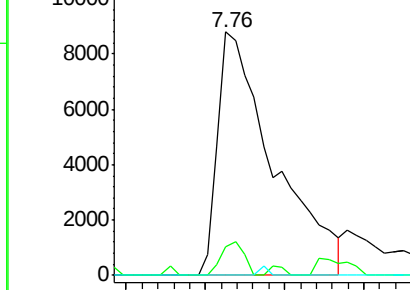
#27
 2,4-Dimethylphenol
 Concen: 2.393 ng
 RT: 7.76 min Scan# 965
 Delta R.T. 0.10 min
 Lab File: BF102643.D
 Acq: 30 Jan 2018 16:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 21593
 Ion Ratio Lower Upper
 122 100
 107 12.0 91.2 136.8#
 121 0.0 47.2 70.8#

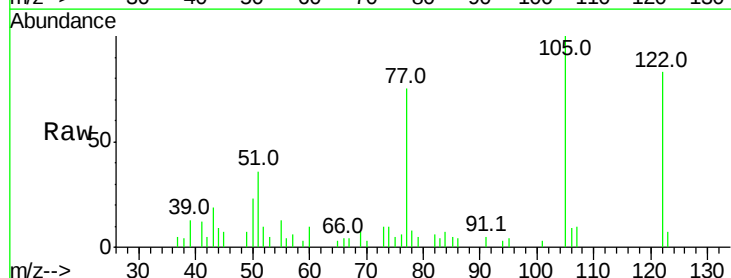


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

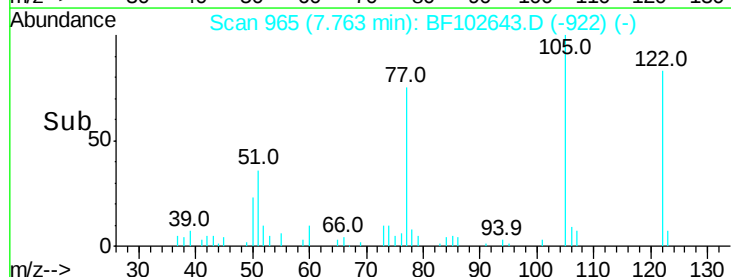
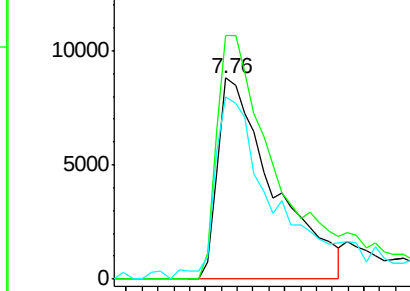


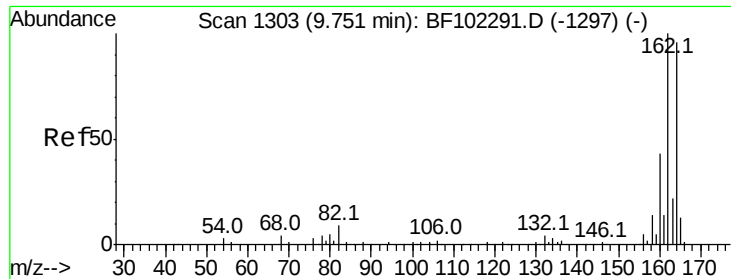
#32
 Benzoic acid
 Concen: 2.857 ng
 RT: 7.76 min Scan# 965
 Delta R.T. -0.05 min
 Lab File: BF102643.D
 Acq: 30 Jan 2018 16:58

Tgt Ion:122 Resp: 21593
 Ion Ratio Lower Upper
 122 100
 105 121.2 101.1 141.1
 77 90.5 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

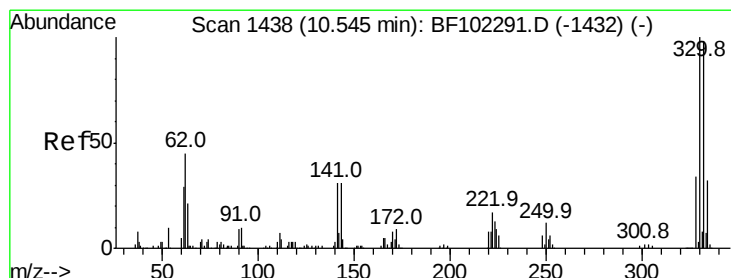
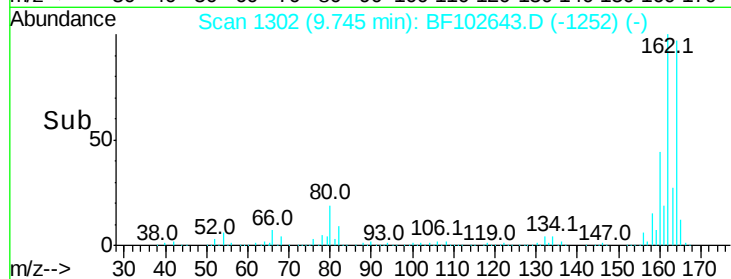
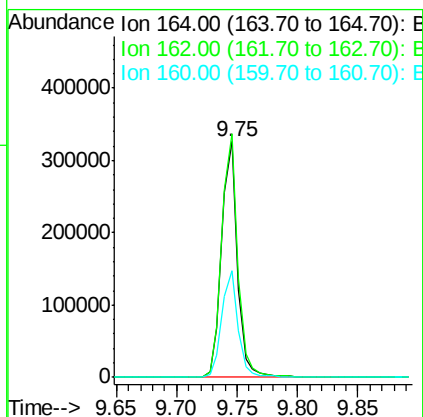
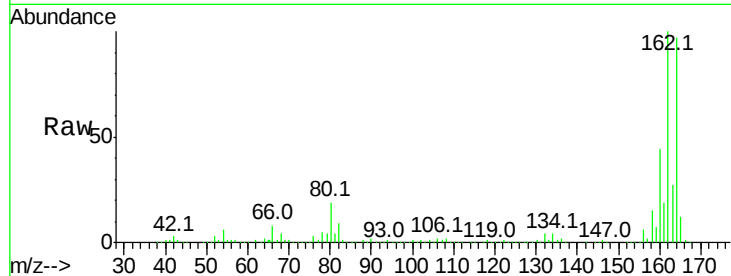




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF102643.D
Acq: 30 Jan 2018 16:58

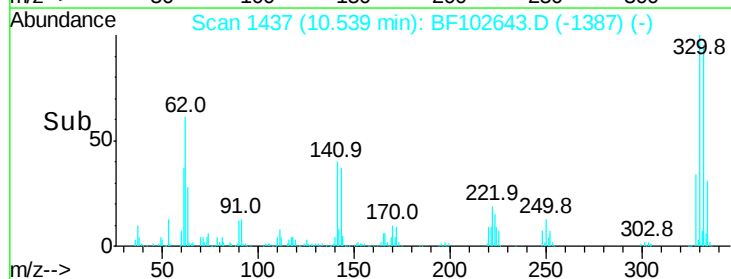
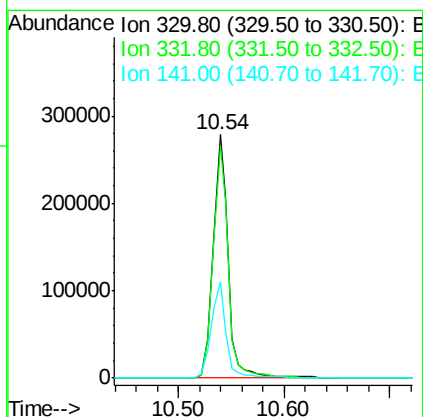
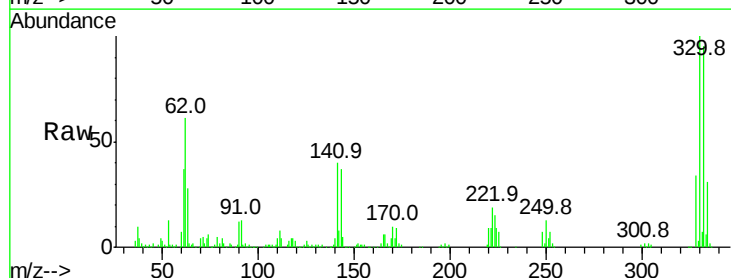
Instrument :
BNA_F
ClientSampleId :

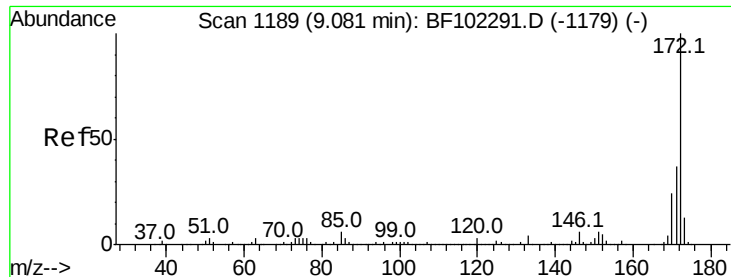
Tot Ion:164 Resp: 295368
Ion Ratio Lower Upper
164 100
162 103.3 86.1 129.1
160 45.3 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 96.507 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF102643.D
Acq: 30 Jan 2018 16:58

Tgt Ion:330 Resp: 282443
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 39.8 29.9 44.9



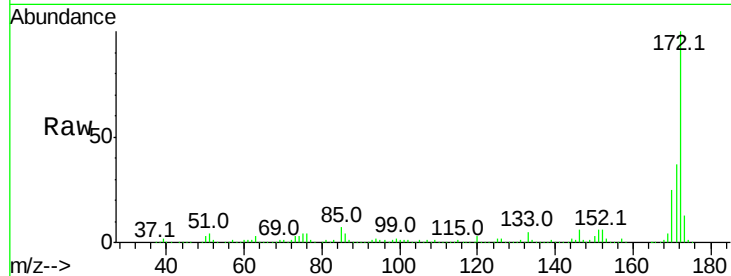


#44
 2-Fluorobiphenyl
 Concen: 78.169 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF102643.D
 Acq: 30 Jan 2018 16:58

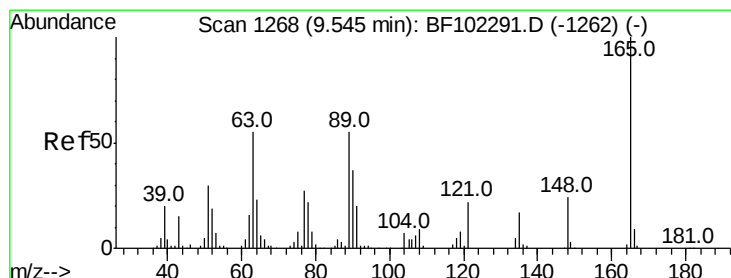
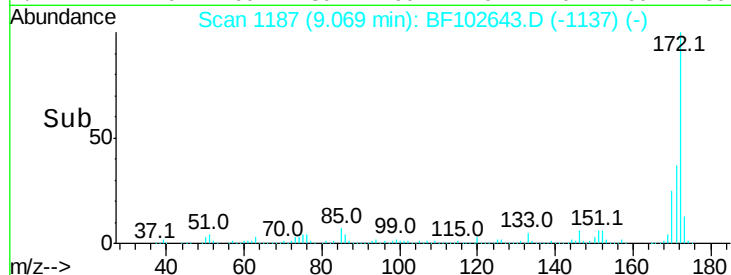
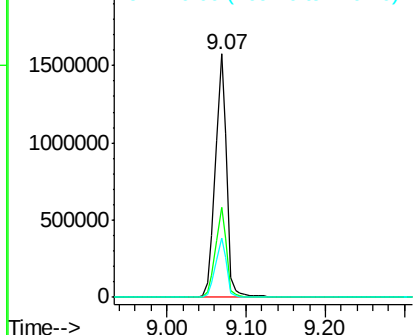
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1570284

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.5	19.6	29.4



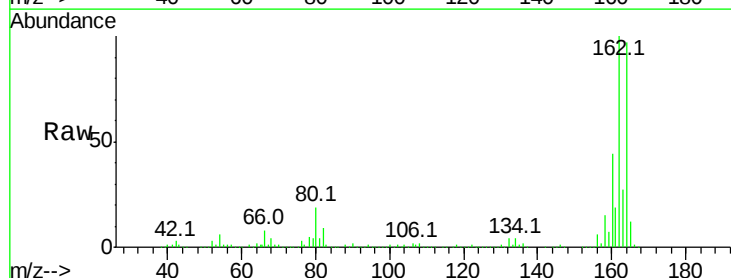
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



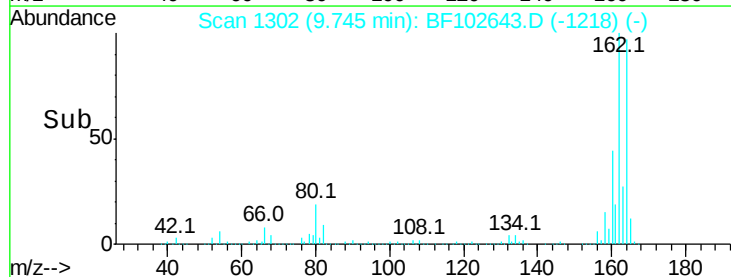
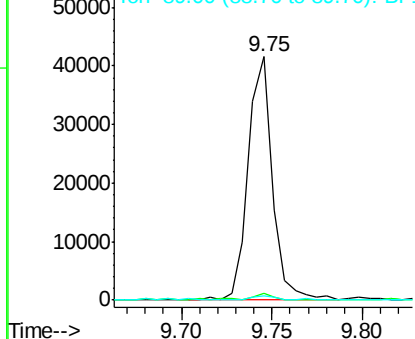
#50
 2,6-Dinitrotoluene
 Concen: 7.379 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. 0.19 min
 Lab File: BF102643.D
 Acq: 30 Jan 2018 16:58

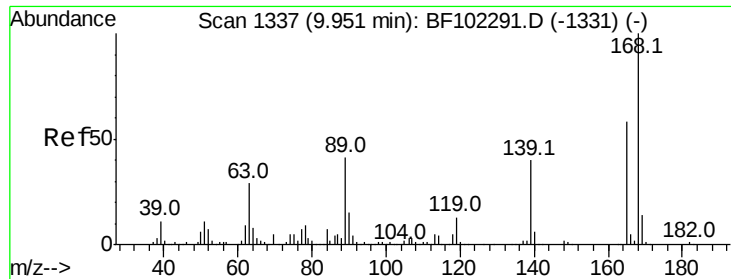
Tgt Ion:165 Resp: 38842

Ion	Ratio	Lower	Upper
165	100		
63	2.6	44.7	67.1#
89	1.5	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

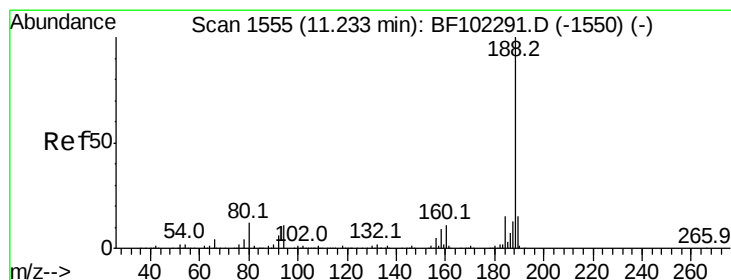
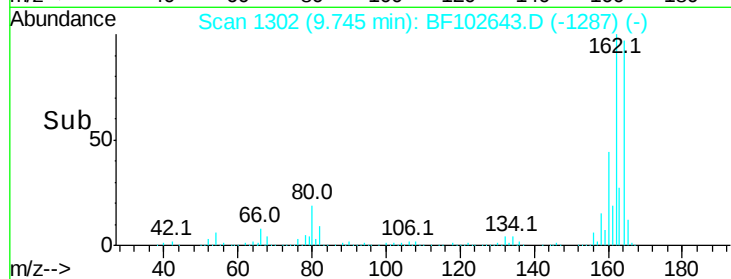
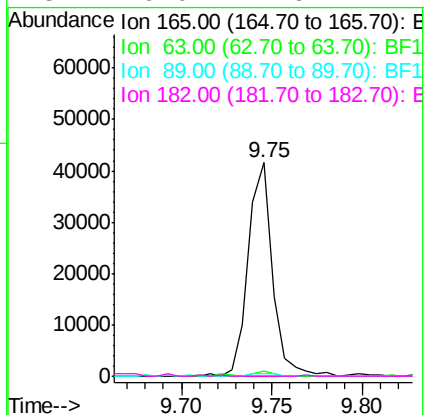
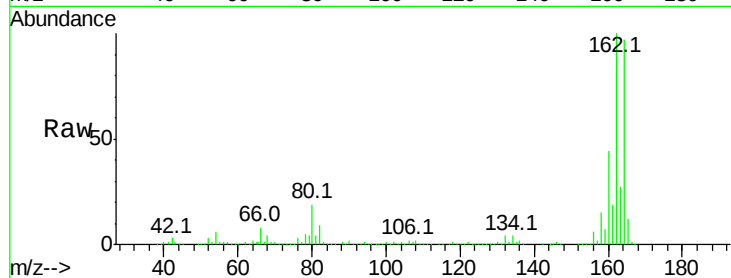




#56
 2,4-Dinitrotoluene
 Concen: 6.001 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF102643.D
 Acq: 30 Jan 2018 16:58

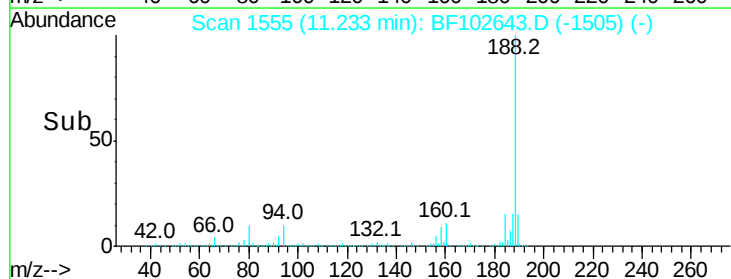
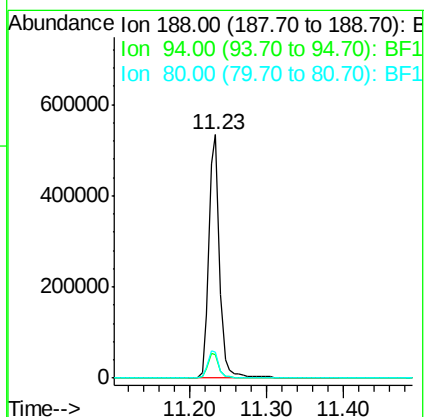
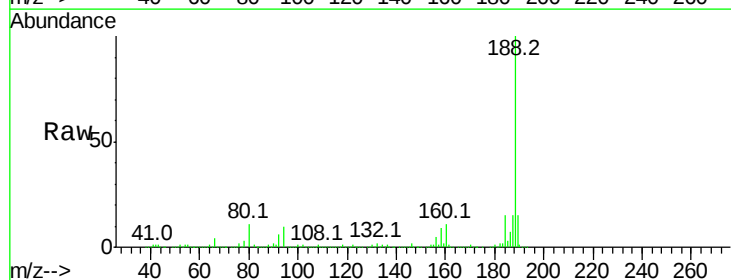
Instrument :
 BNA_F
 ClientSampleId :

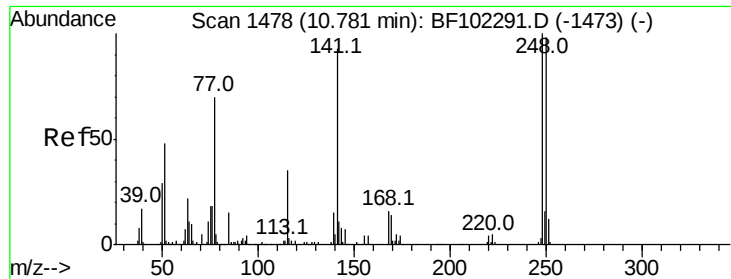
Tot Ion:165 Resp: 38842
 Ion Ratio Lower Upper
 165 100
 63 2.6 36.4 54.6#
 89 1.5 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF102643.D
 Acq: 30 Jan 2018 16:58

Tgt Ion:188 Resp: 513825
 Ion Ratio Lower Upper
 188 100
 94 9.8 8.5 12.7
 80 10.5 9.2 13.8

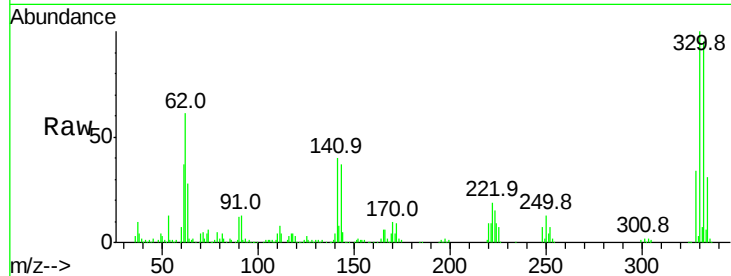




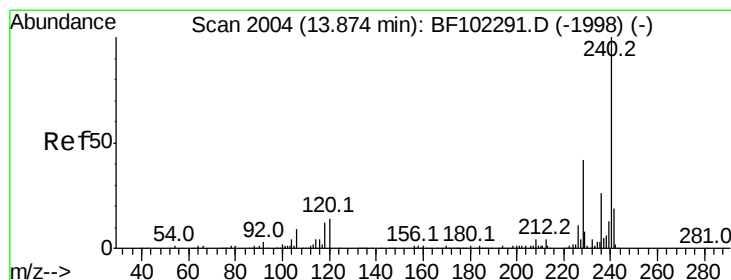
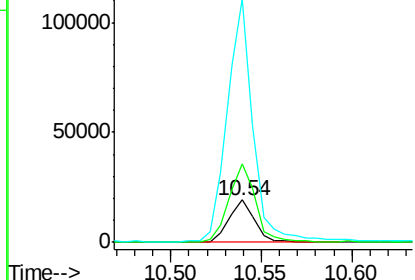
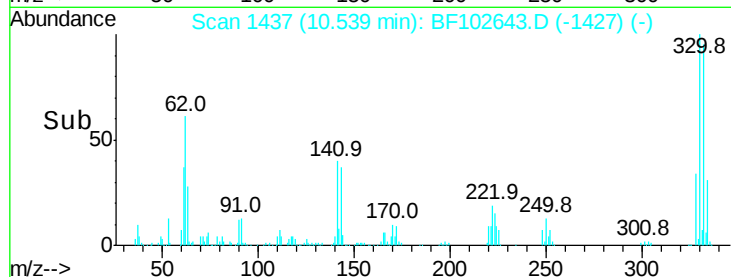
#66
 4-Bromophenyl-phenylether
 Concen: 3.524 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.24 min
 Lab File: BF102643.D
 Acq: 30 Jan 2018 16:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 19490
 Ion Ratio Lower Upper
 248 100
 250 184.1 76.9 115.3#
 141 572.7 74.4 111.6#

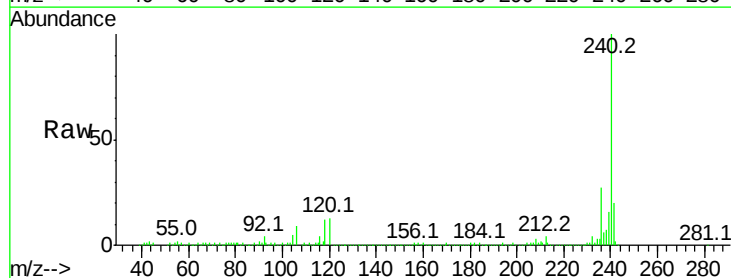


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

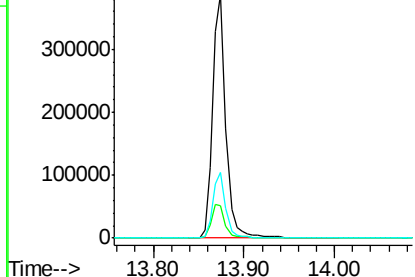
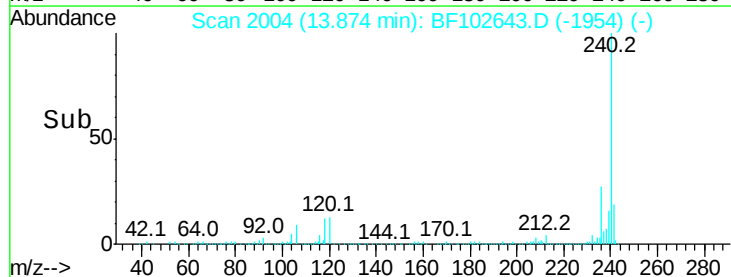


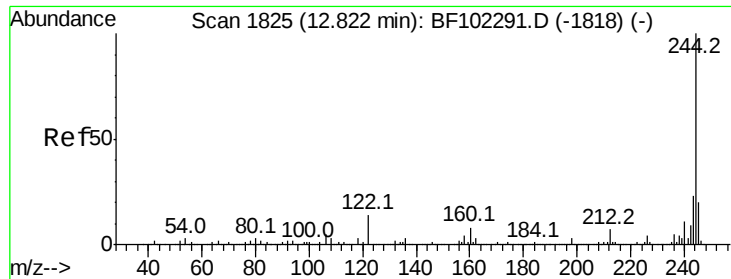
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BF102643.D
 Acq: 30 Jan 2018 16:58

Tgt Ion:240 Resp: 396842
 Ion Ratio Lower Upper
 240 100
 120 13.1 9.5 14.3
 236 27.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 80.587 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF102643.D

Acq: 30 Jan 2018 16:58

Instrument :

BNA_F

ClientSampleId :

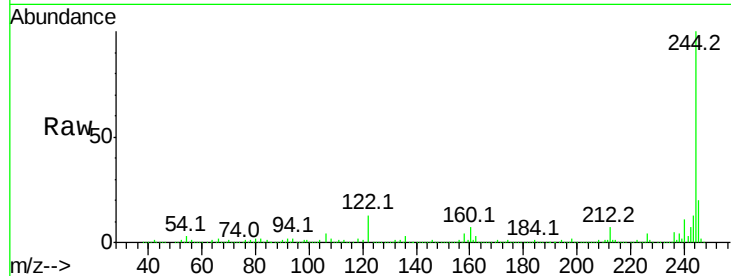
Tot Ion:244 Resp: 1418593

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

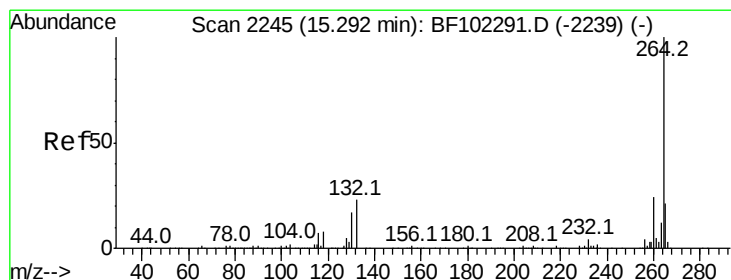
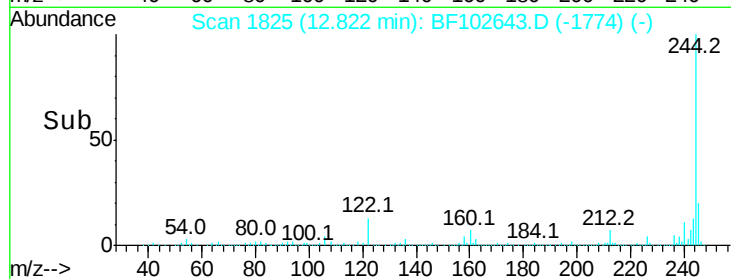
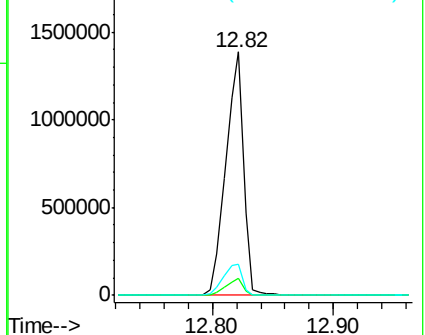
122 12.9 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.30 min Scan# 2247

Delta R.T. 0.00 min

Lab File: BF102643.D

Acq: 30 Jan 2018 16:58

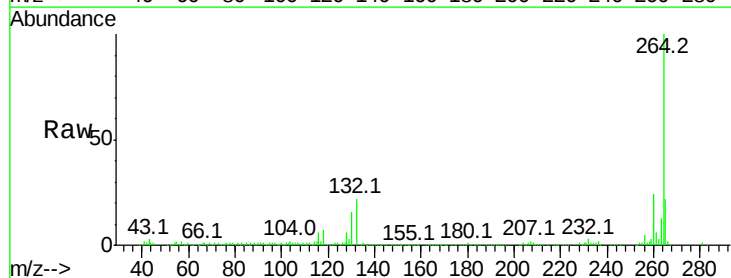
Tgt Ion:264 Resp: 277919

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.9 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

