

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\
 Data File : BF103650.D
 Acq On : 14 Mar 2018 19:32
 Operator : SJ/JU
 Sample : J1754-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 15 01:00:51 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 18:08:29 2018
 Response via : Initial Calibration

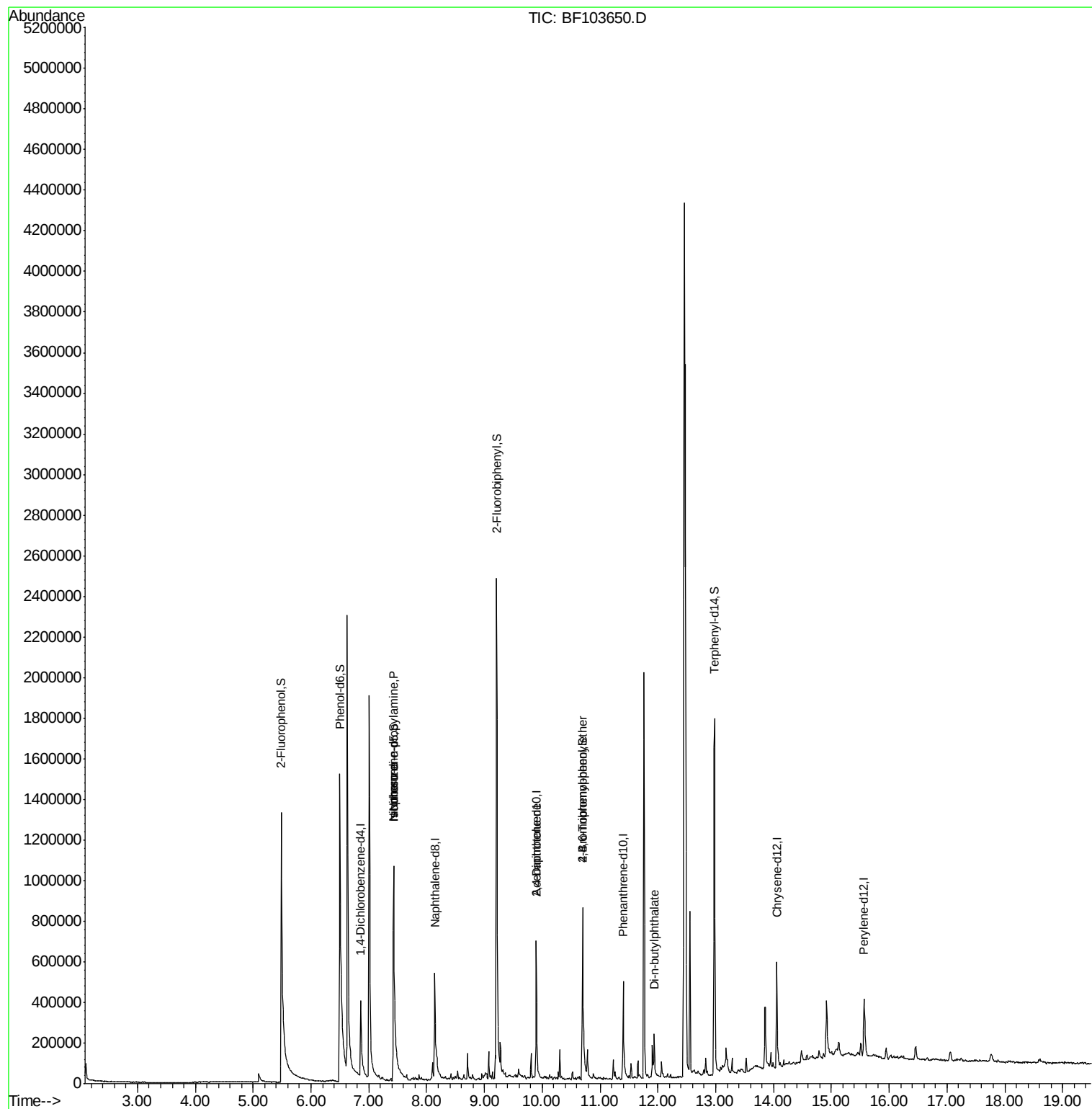
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	109256	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	447161	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	167617	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	256436	20.00	ng	0.00
75) Chrysene-d12	14.06	240	212853	20.00	ng	0.00
86) Perylene-d12	15.57	264	177798	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	858701	118.87	ng	0.00
7) Phenol-d6	6.50	99	1123743	127.13	ng	0.00
23) Nitrobenzene-d5	7.43	82	710045	90.68	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	132238	93.21	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	965830	104.89	ng	0.00
78) Terphenyl-d14	12.98	244	649798	73.39	ng	0.00
Target Compounds						
9) Benzaldehyde	6.50	77	1163	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.43	70	87916	15.981	ng	# 84
25) Isophorone	7.43	82	710045	46.043	ng	# 64
56) 2,4-Dinitrotoluene	9.90	165	22252	6.235	ng	# 23
66) 4-Bromophenyl-phenylether	10.70	248	9034	3.382	ng	# 1
73) Di-n-butylphthalate	11.94	149	99995	5.545	ng	99

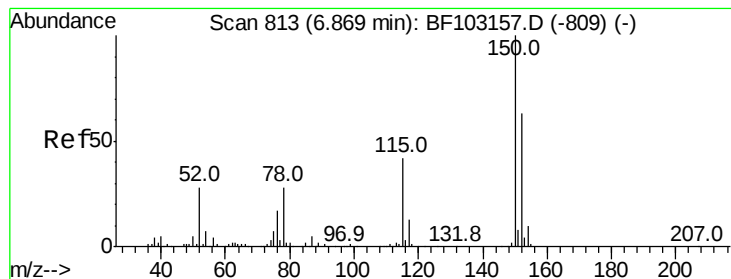
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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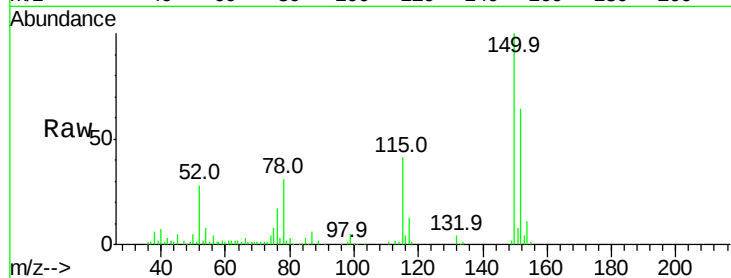


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103650.D
Acq: 14 Mar 2018 19:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.6	186.8
115	64.5	50.1	75.1

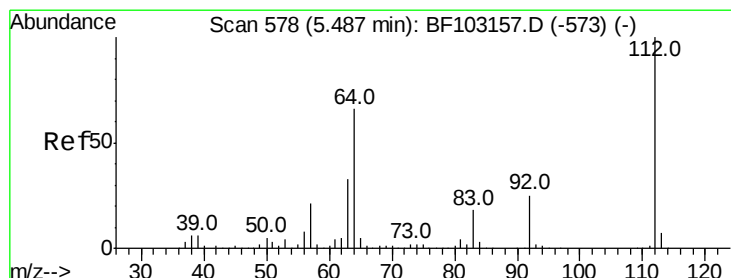
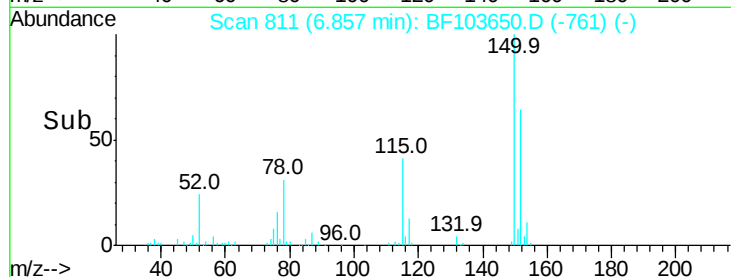
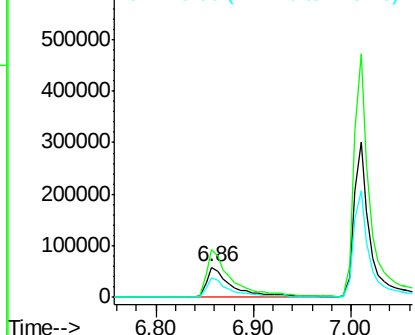


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

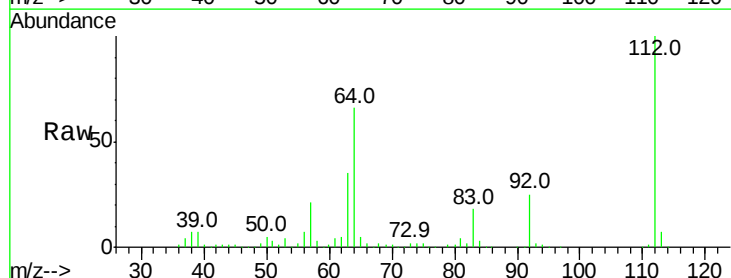
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 118.870 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF103650.D
Acq: 14 Mar 2018 19:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.2	47.9	71.9
63	34.8	23.7	35.5

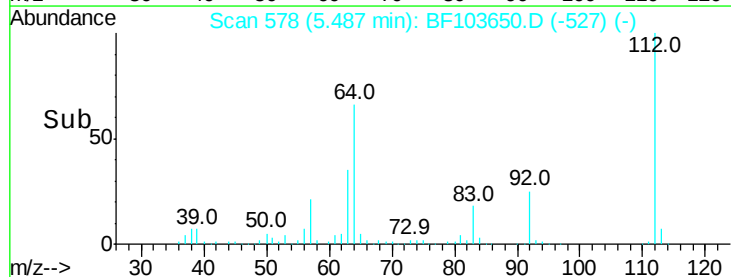
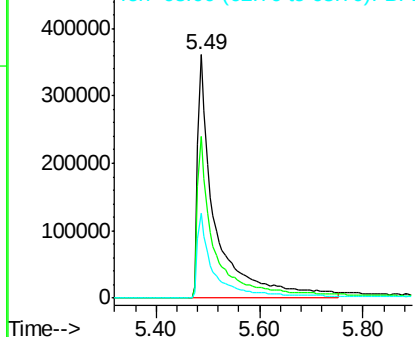


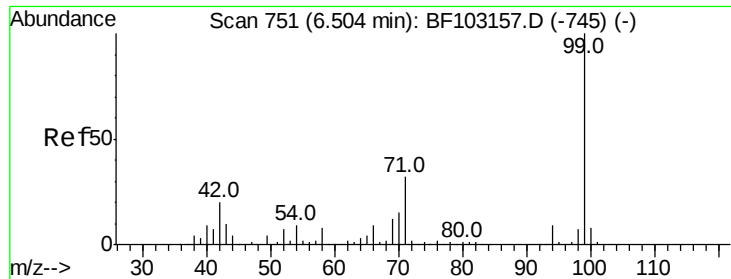
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 127.127 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF103650.D

Acq: 14 Mar 2018 19:32

Instrument :

BNA_F

ClientSampleId :

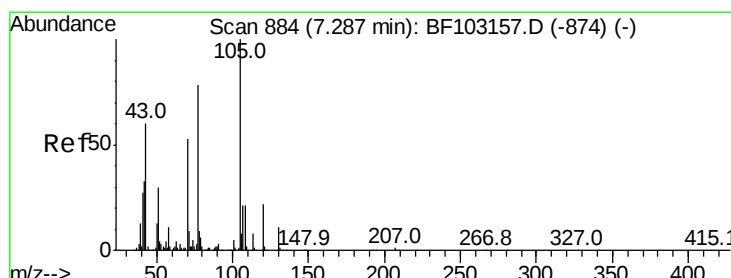
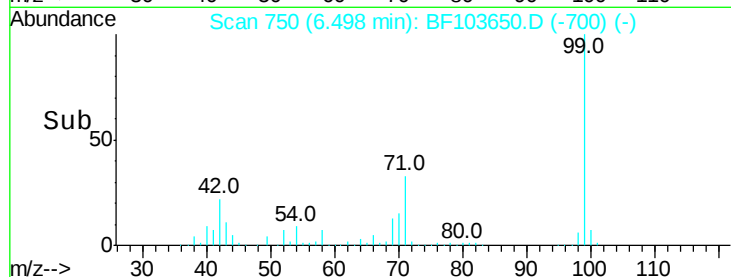
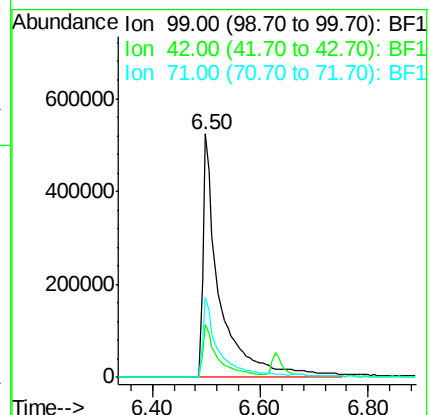
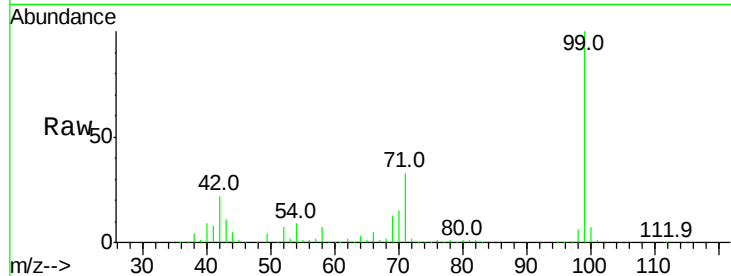
Tot Ion: 99 Resp: 1123743

Ion Ratio Lower Upper

99 100

42 21.6 14.5 21.7

71 32.8 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.981 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.16 min

Lab File: BF103650.D

Acq: 14 Mar 2018 19:32

Tgt Ion: 70 Resp: 87916

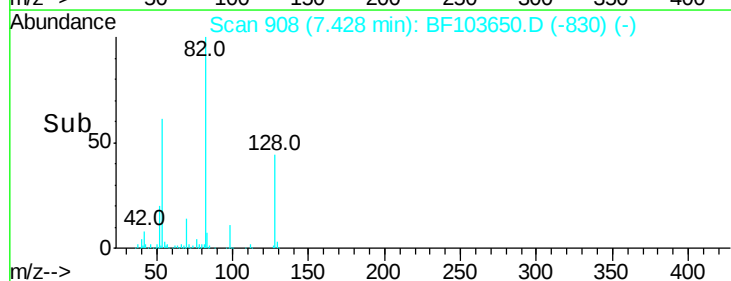
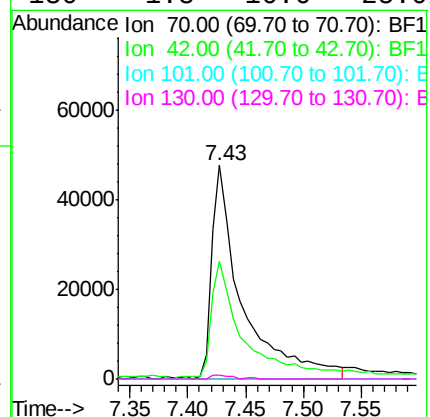
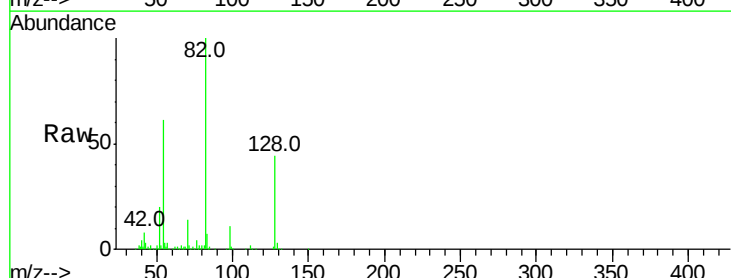
Ion Ratio Lower Upper

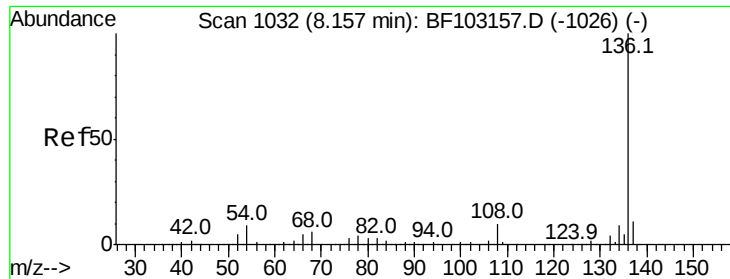
70 100

42 55.0 47.5 71.3

101 0.0 7.4 11.2#

130 1.8 16.6 25.0#

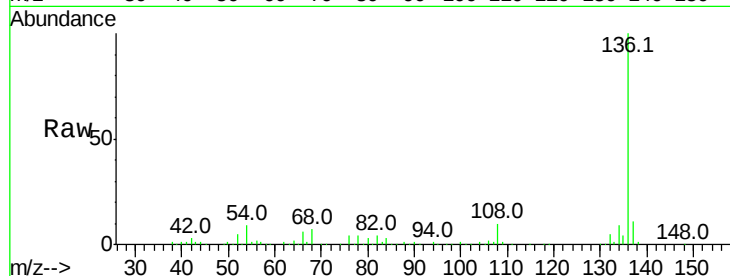




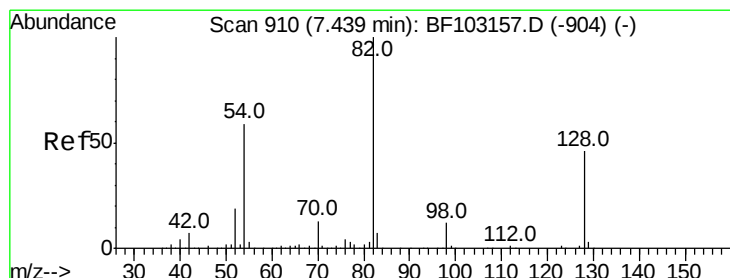
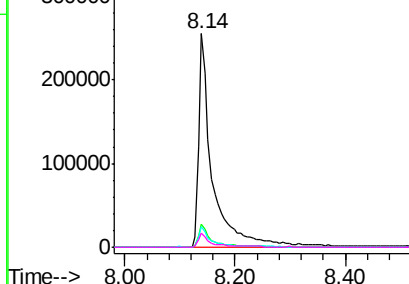
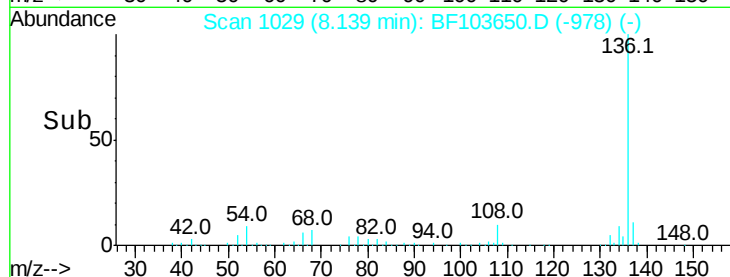
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF103650.D
Acq: 14 Mar 2018 19:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	447161
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.9 13.3
54	9.5	6.6 9.8
68	6.5	5.0 7.4

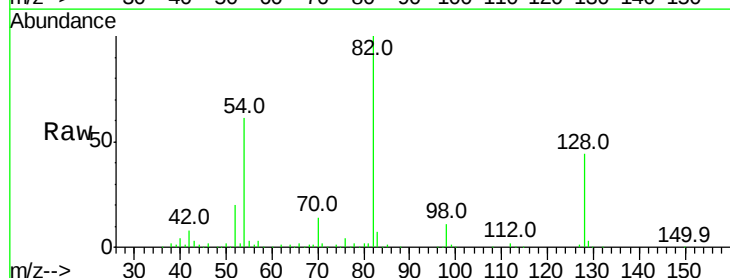


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

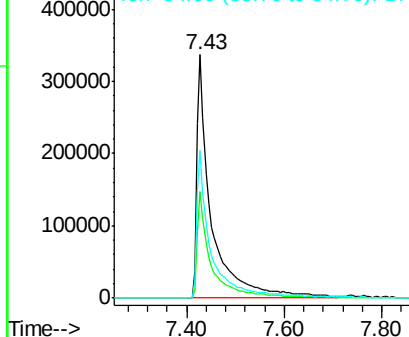
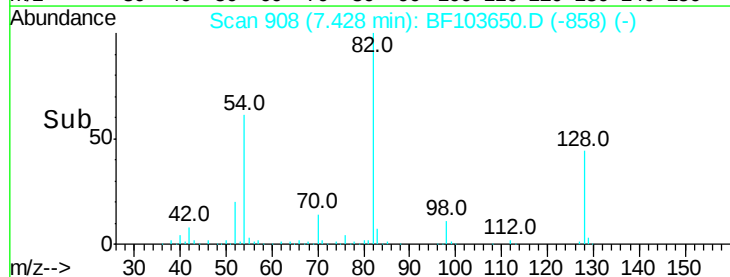


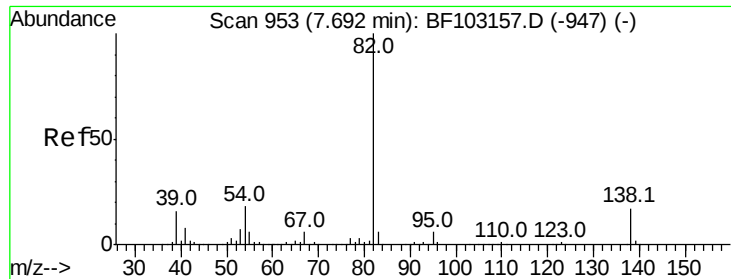
#23
Nitrobenzene-d5
Concen: 90.682 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF103650.D
Acq: 14 Mar 2018 19:32

Tgt Ion: 82	Resp:	710045
Ion Ratio	Lower	Upper
82	100	
128	43.8	36.1 54.1
54	60.7	41.4 62.2



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





#25

Isophorone

Concen: 46.043 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.25 min

Lab File: BF103650.D

Acq: 14 Mar 2018 19:32

Instrument :

BNA_F

ClientSampleId :

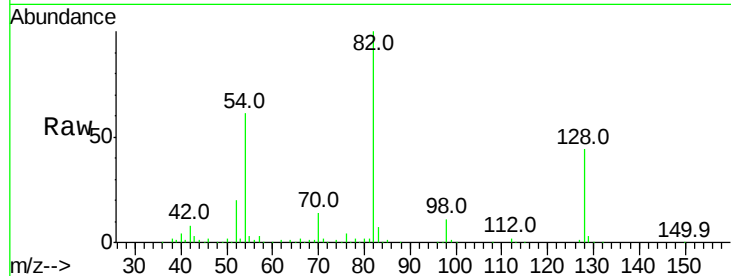
Tot Ion: 82 Resp: 710045

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

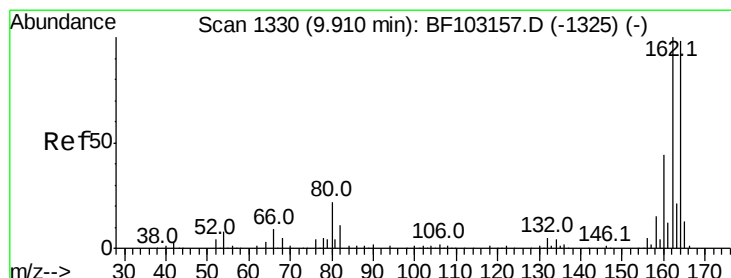
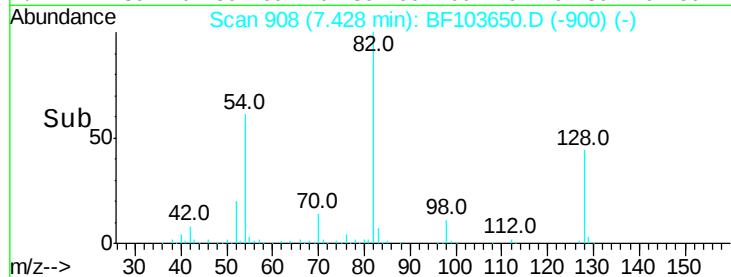
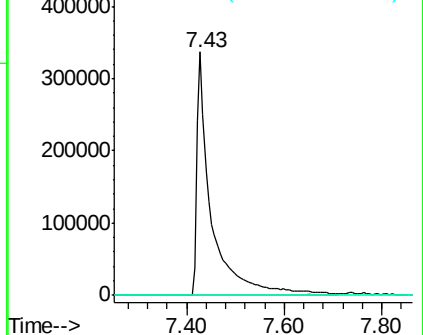
138 0.0 14.9 22.3#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BF103650.D

Acq: 14 Mar 2018 19:32

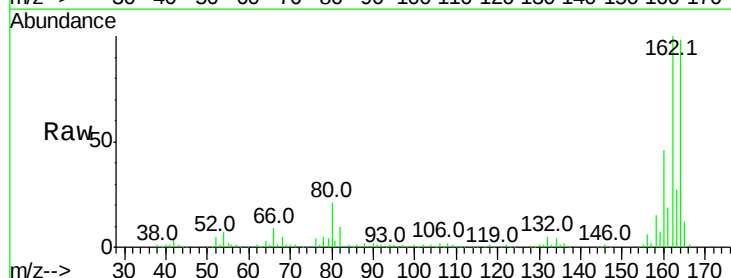
Tgt Ion:164 Resp: 167617

Ion Ratio Lower Upper

164 100

162 102.3 86.1 129.1

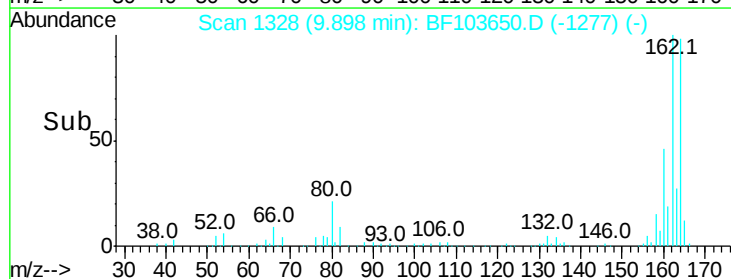
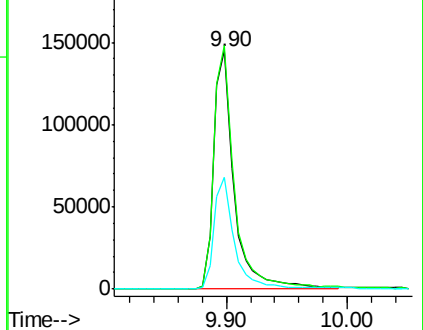
160 47.0 38.3 57.5

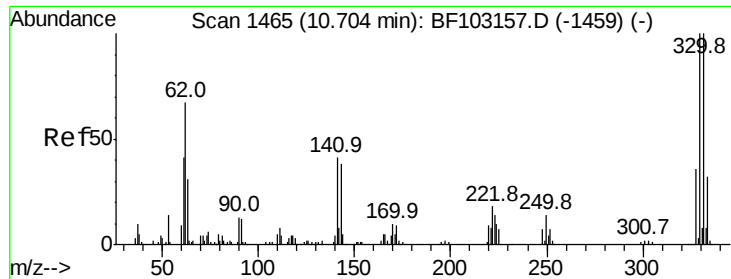


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

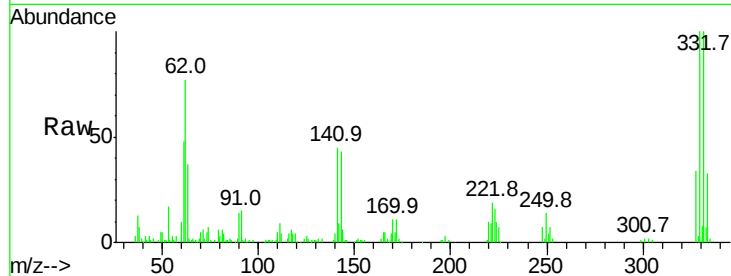




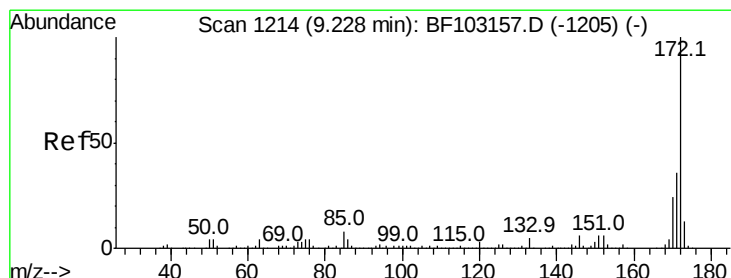
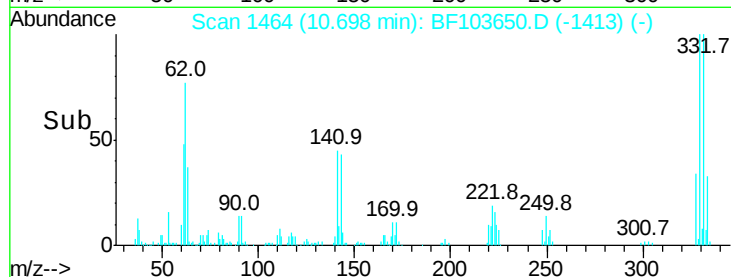
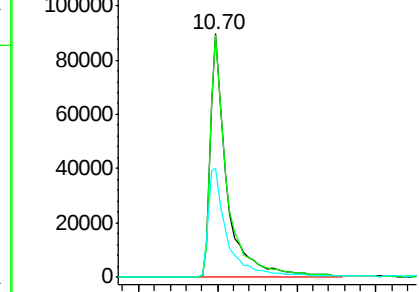
#41
 2,4,6-Tribromophenol
 Concen: 93.205 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BF103650.D
 Acq: 14 Mar 2018 19:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 132238
 Ion Ratio Lower Upper
 330 100
 332 102.6 77.0 115.6
 141 52.5 29.9 44.9#

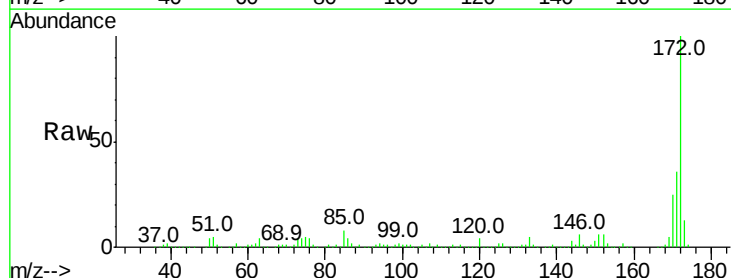


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

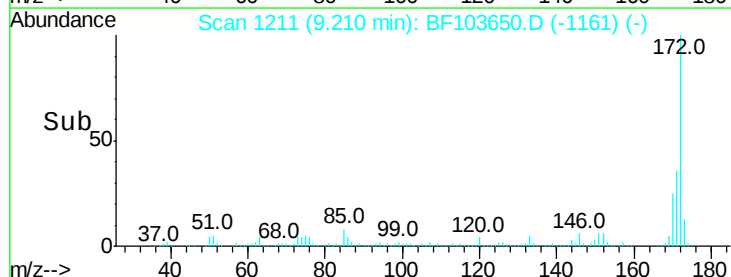
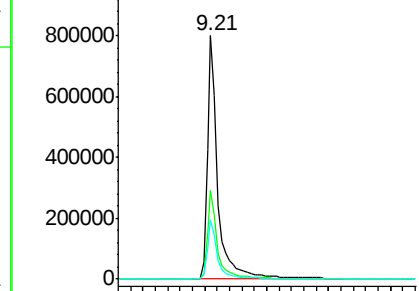


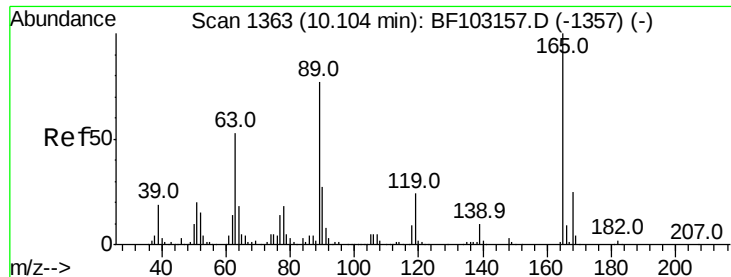
#44
 2-Fluorobiphenyl
 Concen: 104.889 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF103650.D
 Acq: 14 Mar 2018 19:32

Tgt Ion:172 Resp: 965830
 Ion Ratio Lower Upper
 172 100
 171 36.5 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

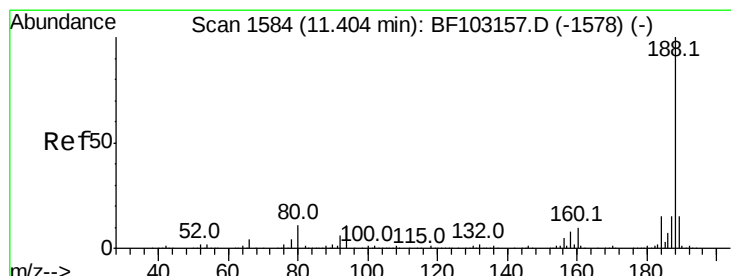
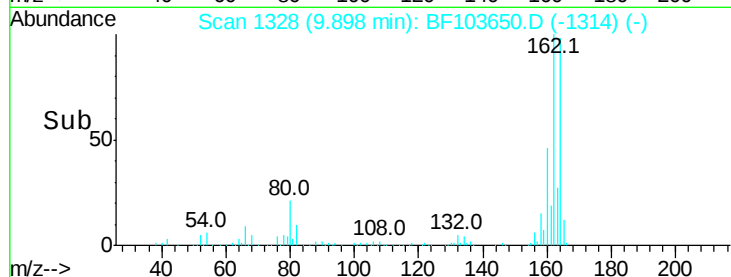
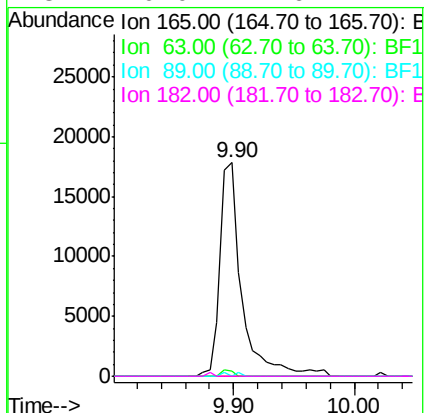
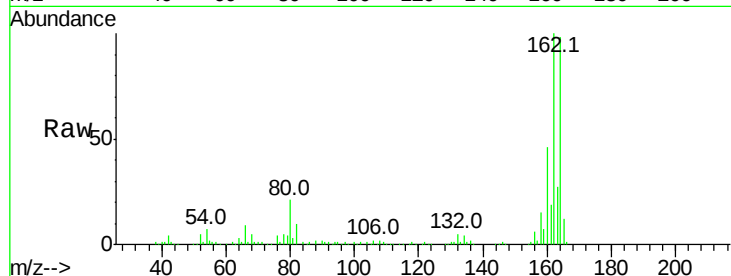




#56
 2,4-Dinitrotoluene
 Concen: 6.235 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.22 min
 Lab File: BF103650.D
 Acq: 14 Mar 2018 19:32

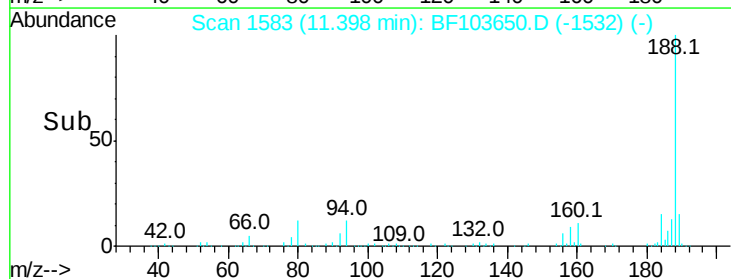
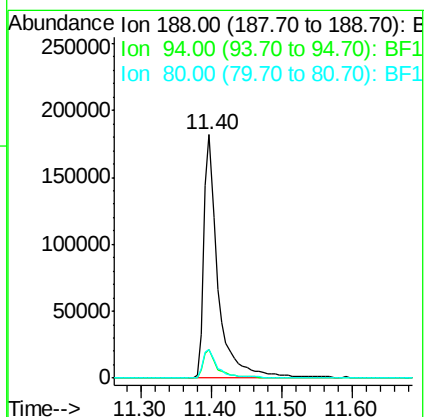
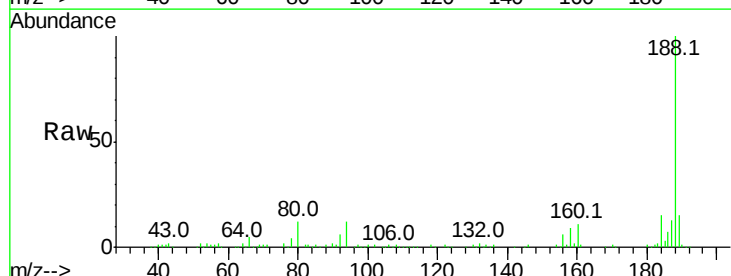
Instrument :
 BNA_F
 ClientSampleId :

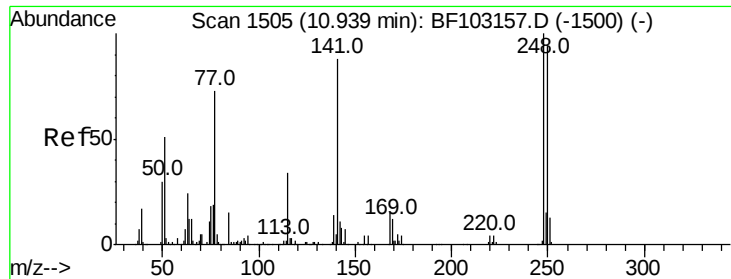
Tot Ion:165 Resp: 22252
 Ion Ratio Lower Upper
 165 100
 63 2.4 36.4 54.6#
 89 0.0 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: BF103650.D
 Acq: 14 Mar 2018 19:32

Tgt Ion:188 Resp: 256436
 Ion Ratio Lower Upper
 188 100
 94 11.5 8.5 12.7
 80 12.0 9.2 13.8

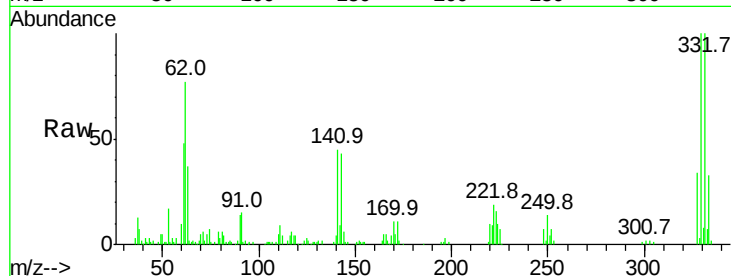




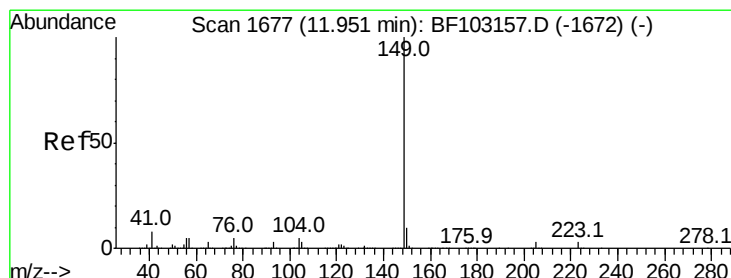
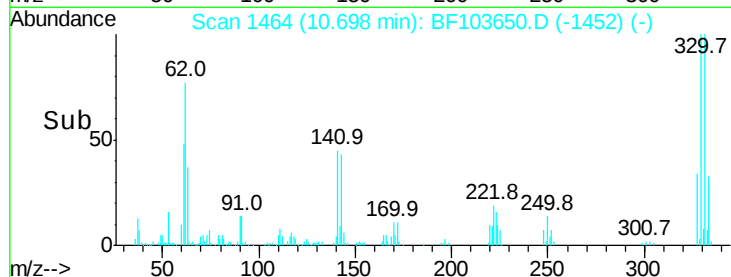
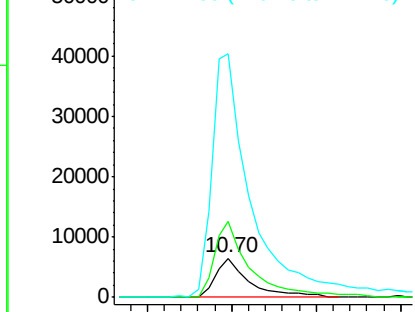
#66
4-Bromophenyl-phenylether
Concen: 3.382 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.23 min
Lab File: BF103650.D
Acq: 14 Mar 2018 19:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 9034
Ion Ratio Lower Upper
248 100
250 195.8 76.9 115.3#
141 622.5 74.4 111.6#

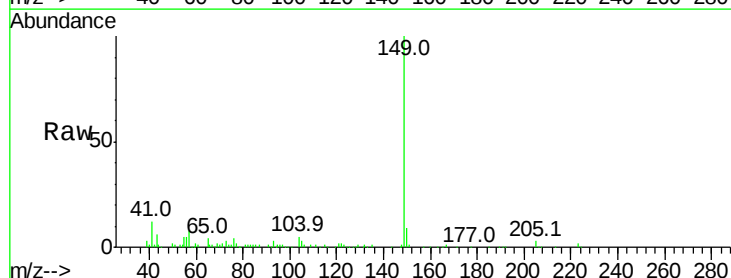


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

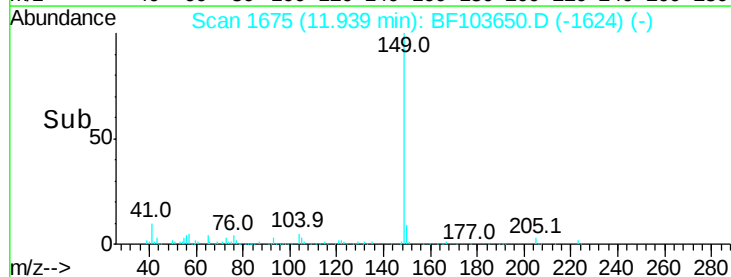
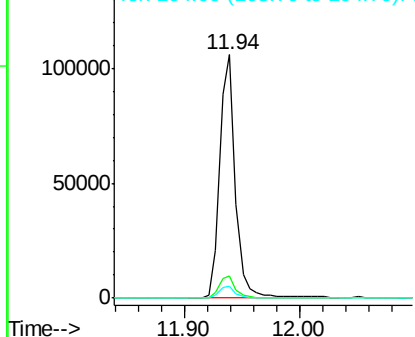


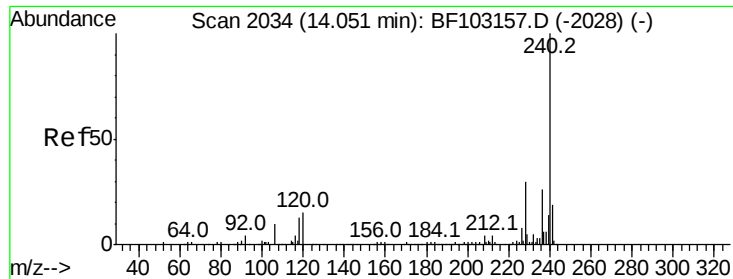
#73
Di-n-butylphthalate
Concen: 5.545 ng
RT: 11.94 min Scan# 1675
Delta R.T. 0.00 min
Lab File: BF103650.D
Acq: 14 Mar 2018 19:32

Tgt Ion:149 Resp: 99995
Ion Ratio Lower Upper
149 100
150 9.3 7.8 11.6
104 5.1 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF103650.D

Acq: 14 Mar 2018 19:32

Instrument :

BNA_F

ClientSampleId :

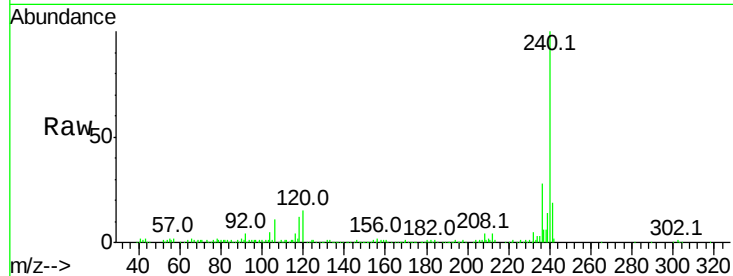
Tot Ion:240 Resp: 212853

Ion Ratio Lower Upper

240 100

120 14.9 9.5 14.3#

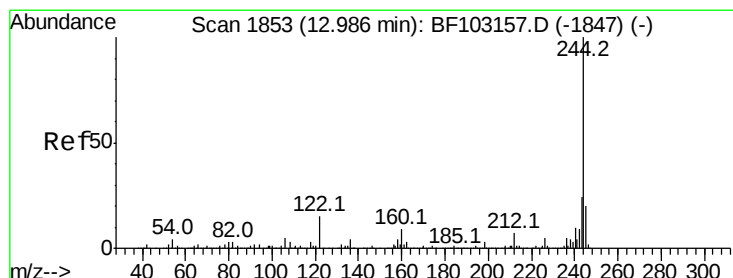
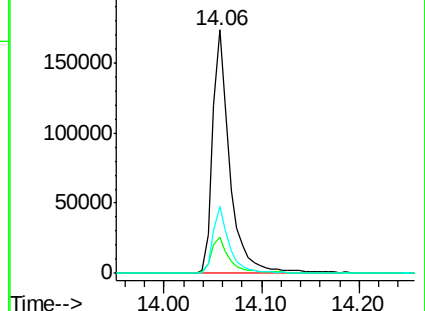
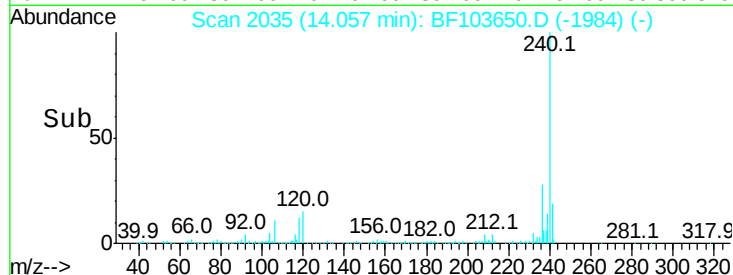
236 27.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 73.385 ng

RT: 12.98 min Scan# 1852

Delta R.T. 0.01 min

Lab File: BF103650.D

Acq: 14 Mar 2018 19:32

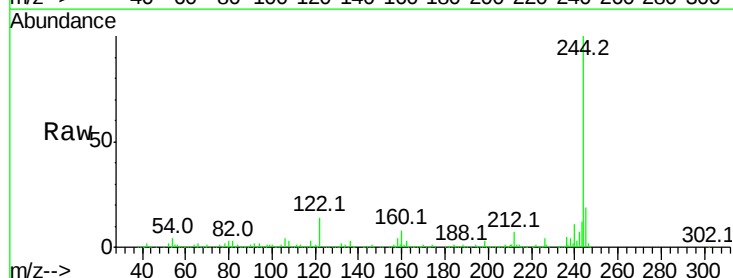
Tgt Ion:244 Resp: 649798

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

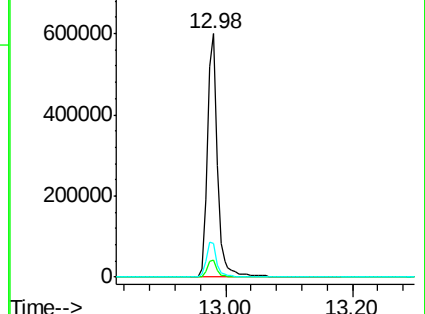
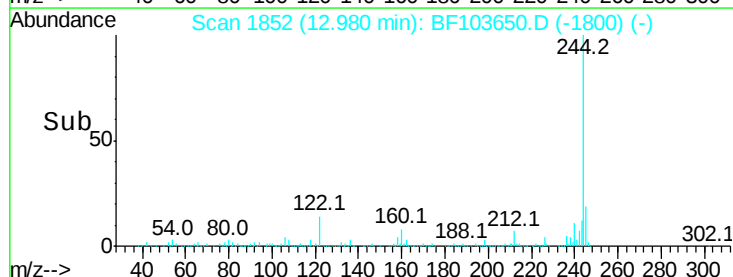
122 13.8 11.0 16.4

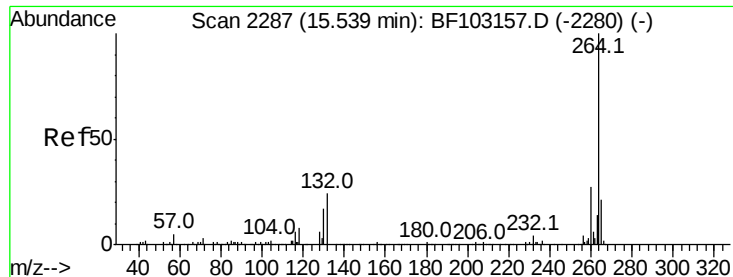


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

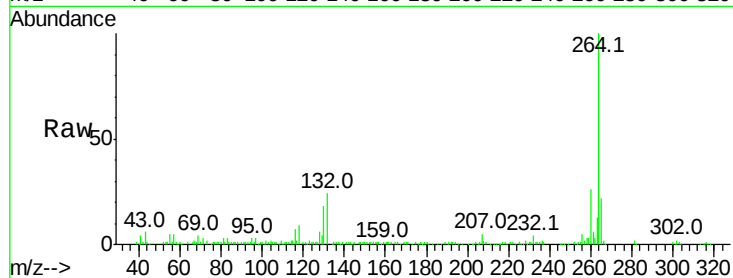




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.00 min
Lab File: BF103650.D
Acq: 14 Mar 2018 19:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.8	19.2	28.8
265	21.8	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

