

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031318\
 Data File : BF103607.D
 Acq On : 13 Mar 2018 16:35
 Operator : SJ/JU
 Sample : J1753-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 22:04:04 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

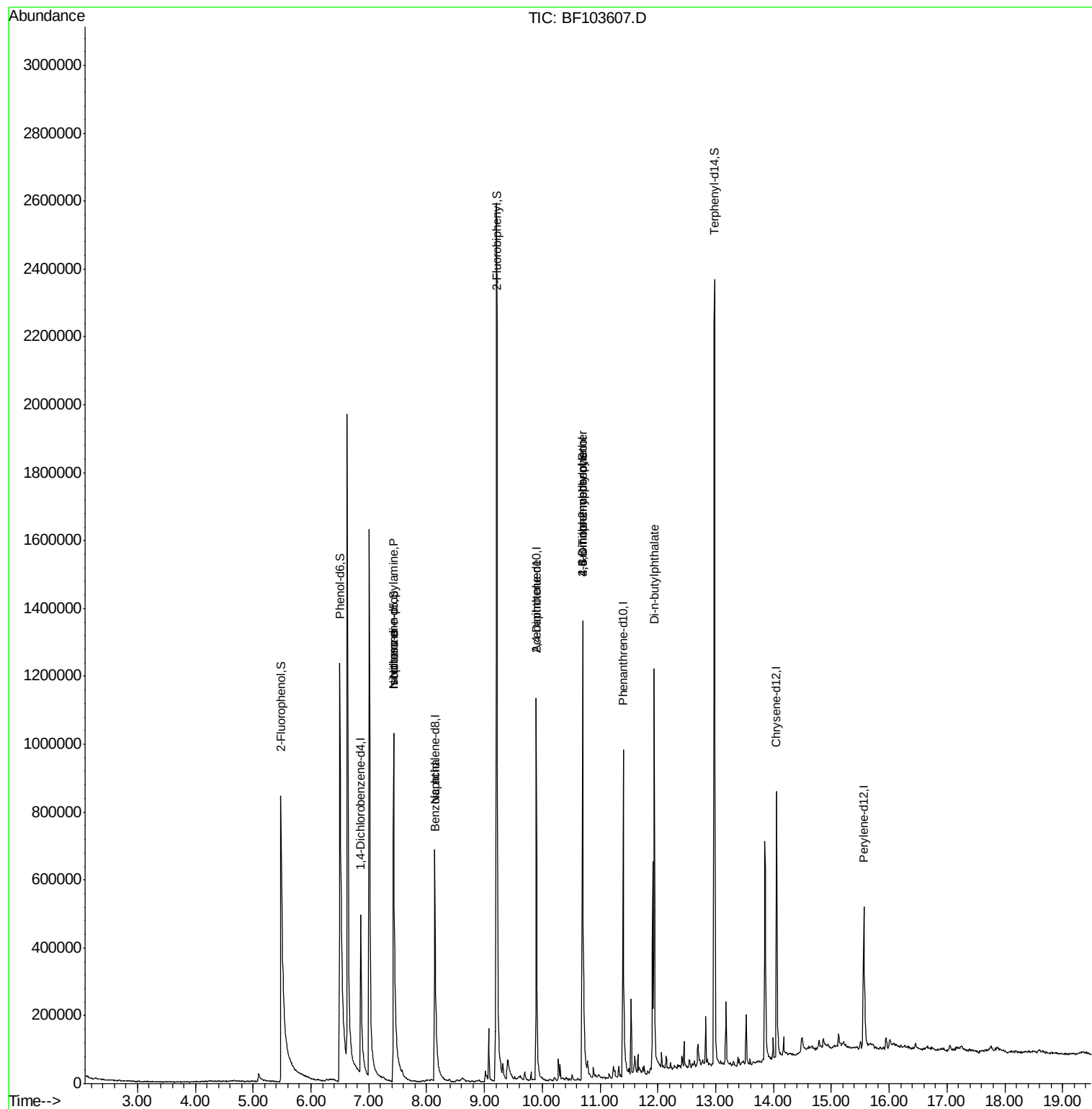
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	132639	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	587160	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	261361	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	473548	20.00	ng	0.00
75) Chrysene-d12	14.05	240	320824	20.00	ng	-0.01
86) Perylene-d12	15.56	264	255421	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	674536	76.91	ng	0.00
7) Phenol-d6	6.50	99	1066523	99.38	ng	-0.01
23) Nitrobenzene-d5	7.43	82	672126	65.37	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	192070	86.82	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1045207	65.09	ng	-0.01
78) Terphenyl-d14	12.98	244	856171	64.15	ng	0.00
Target Compounds						
9) Benzaldehyde	6.50	77	1350	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.43	70	83723	12.536	ng	# 85
25) Isophorone	7.43	82	672773	33.224	ng	# 64
32) Benzoic acid	8.15	122	114	6.930	ng	# 24
56) 2,4-Dinitrotoluene	9.90	165	32409	5.824	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.70	198	278	5.032	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	13550	2.747	ng	# 1
73) Di-n-butylphthalate	11.94	149	606091	18.201	ng	99

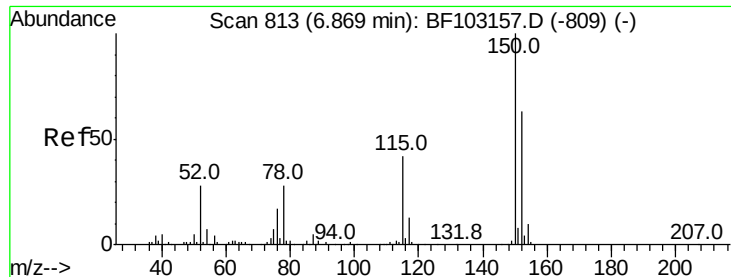
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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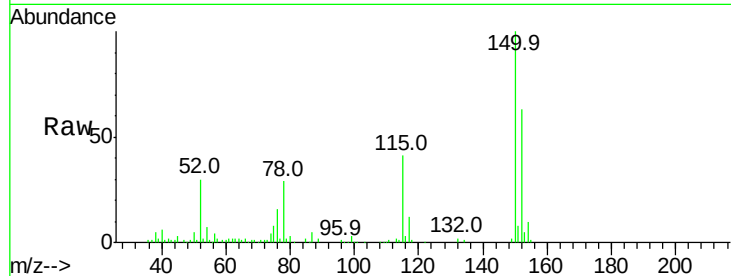


#1

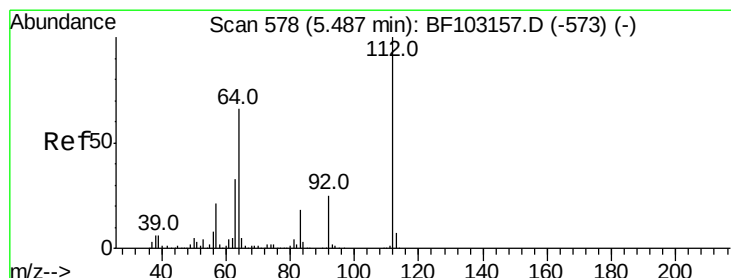
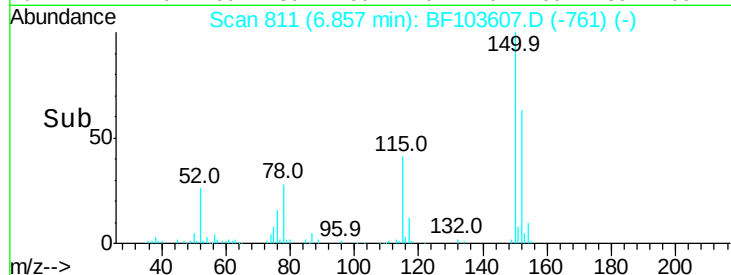
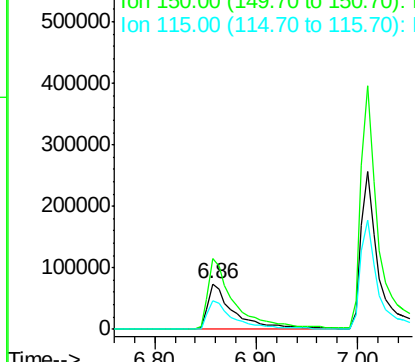
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103607.D
Acq: 13 Mar 2018 16:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 132639
Ion Ratio Lower Upper
152 100
150 157.5 124.6 186.8
115 63.9 50.1 75.1



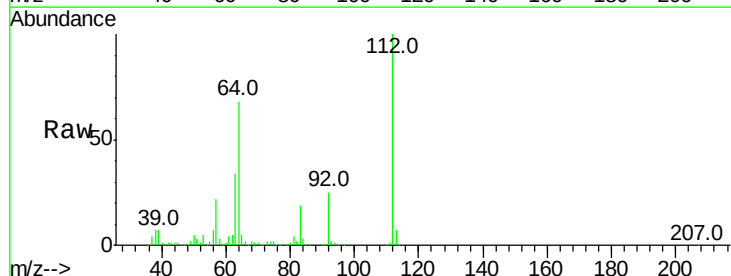
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



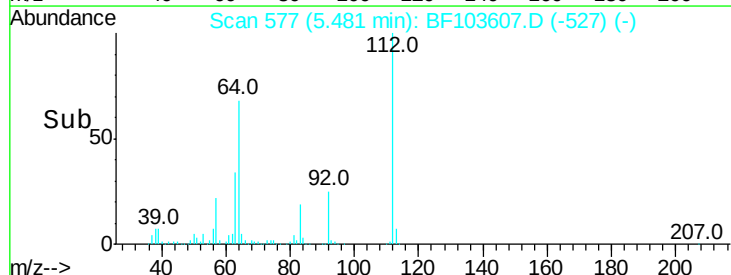
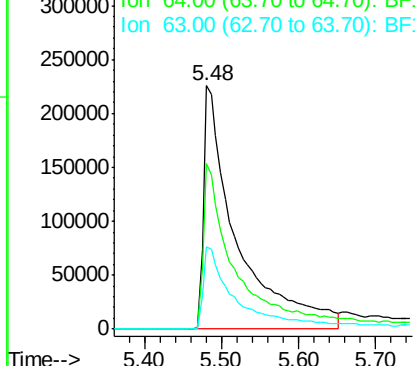
#5

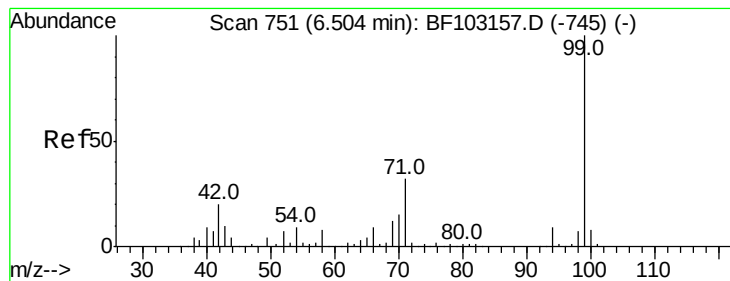
2-Fluorophenol
Concen: 76.915 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.01 min
Lab File: BF103607.D
Acq: 13 Mar 2018 16:35

Tgt Ion:112 Resp: 674536
Ion Ratio Lower Upper
112 100
64 68.2 47.9 71.9
63 34.0 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: 99.384 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF103607.D

Acq: 13 Mar 2018 16:35

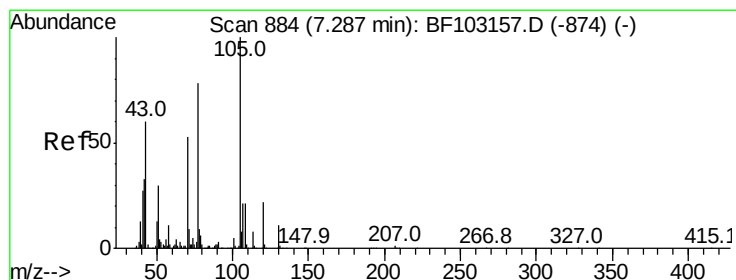
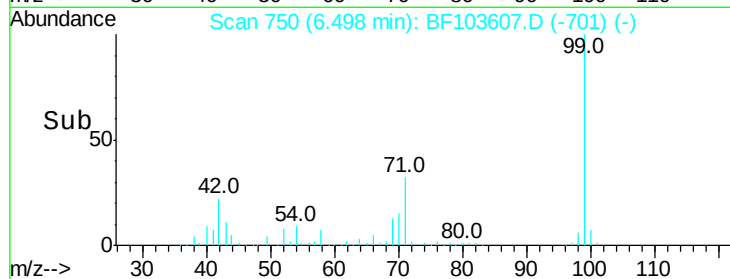
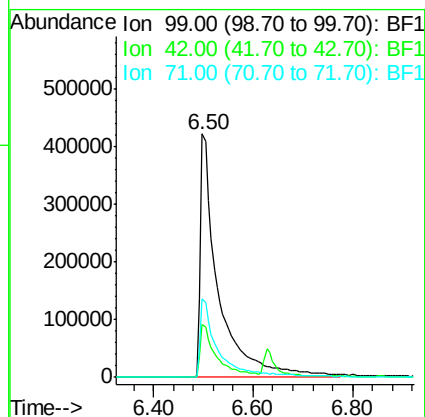
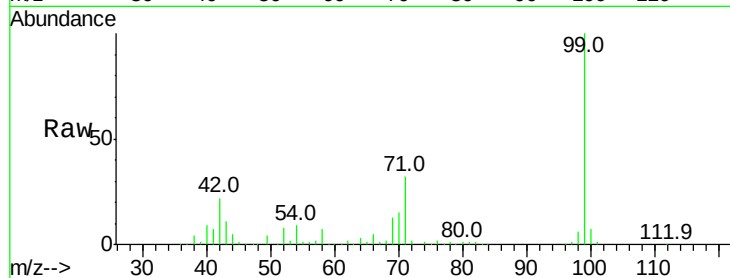
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1066523

Ion	Ratio	Lower	Upper
99	100		
42	21.8	14.5	21.7#
71	32.5	25.4	38.0



#19

n-Nitroso-di-n-propylamine

Concen: 12.536 ng

RT: 7.43 min Scan# 908

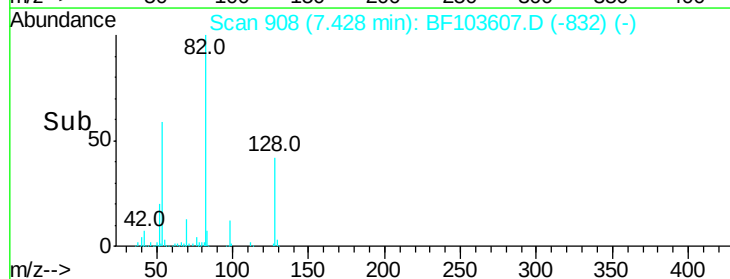
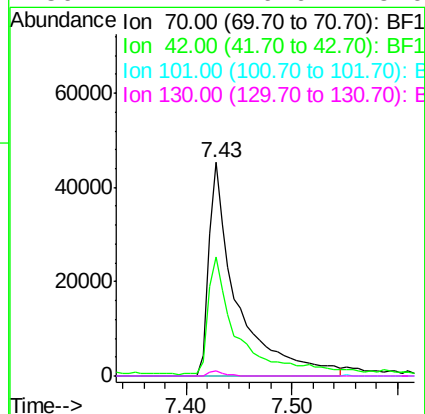
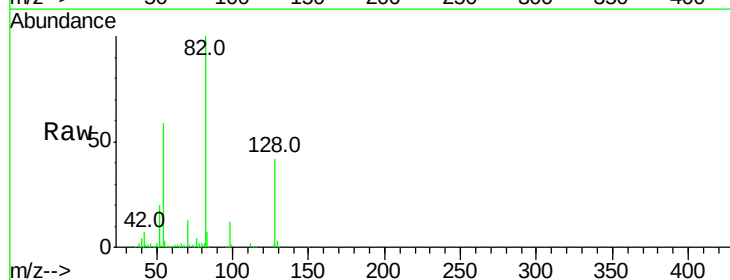
Delta R.T. 0.15 min

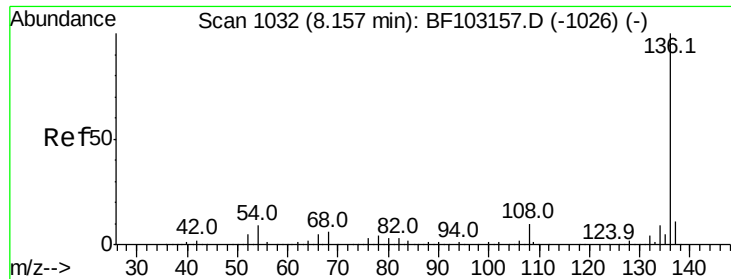
Lab File: BF103607.D

Acq: 13 Mar 2018 16:35

Tgt Ion: 70 Resp: 83723

Ion	Ratio	Lower	Upper
70	100		
42	55.9	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#

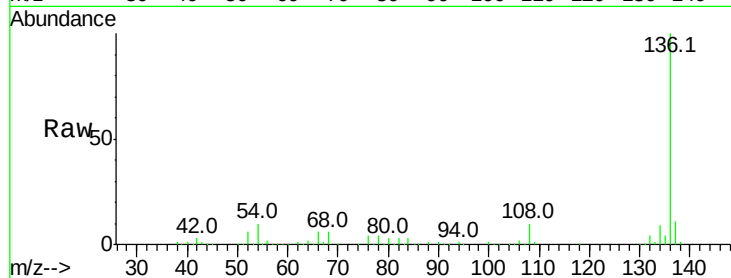




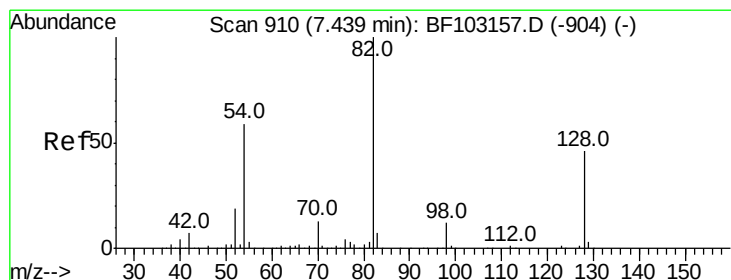
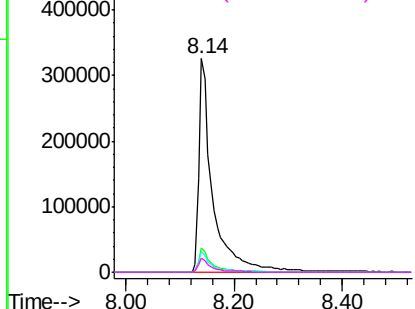
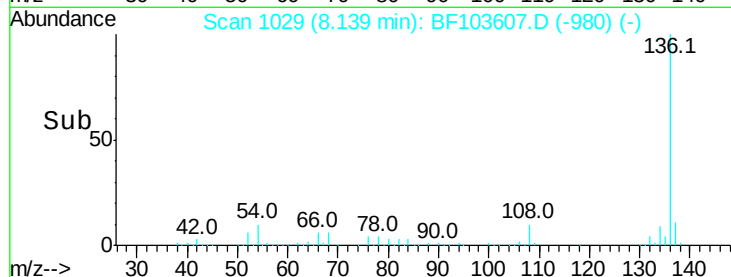
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF103607.D
Acq: 13 Mar 2018 16:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	587160
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	9.7	6.6 9.8
68	6.5	5.0 7.4

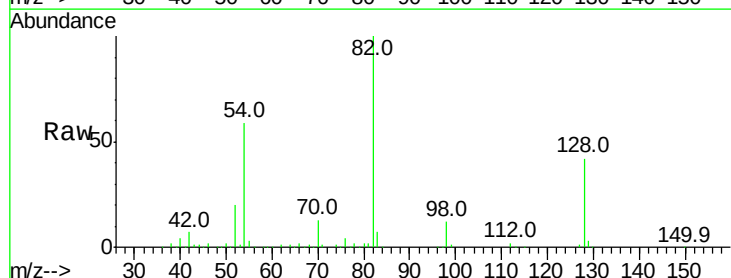


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

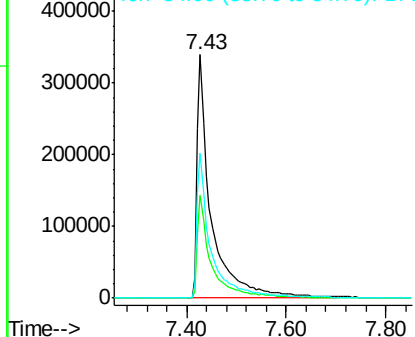
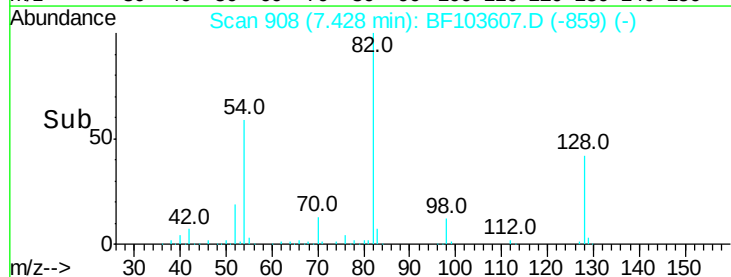


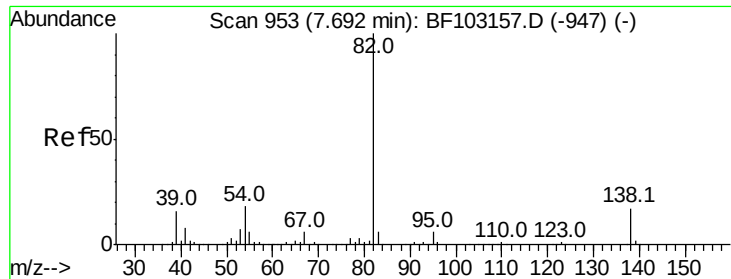
#23
Nitrobenzene-d5
Concen: 65.372 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF103607.D
Acq: 13 Mar 2018 16:35

Tgt Ion: 82	Resp:	672126
Ion Ratio	Lower	Upper
82	100	
128	42.3	36.1 54.1
54	59.4	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: 33.224 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.26 min

Lab File: BF103607.D

Acq: 13 Mar 2018 16:35

Instrument :

BNA_F

ClientSampled :

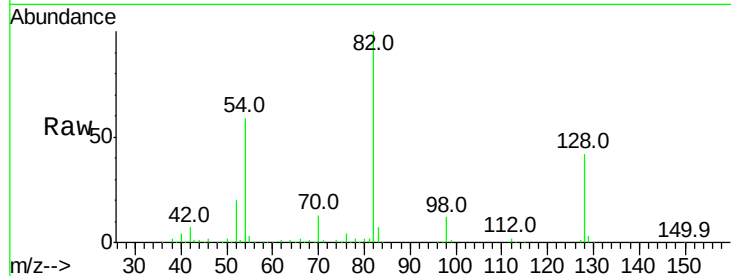
Tot Ion: 82 Resp: 672773

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

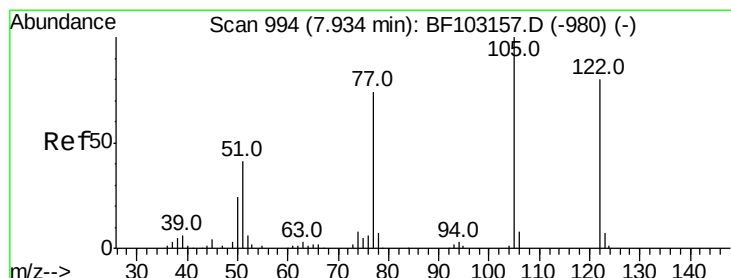
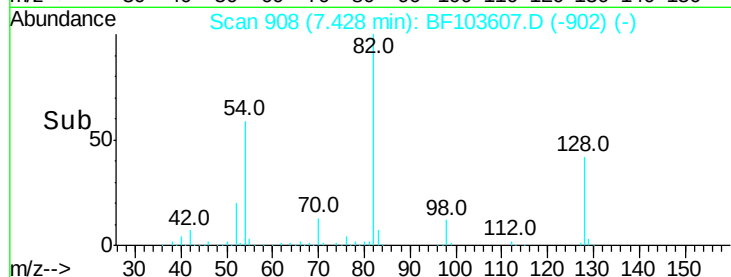
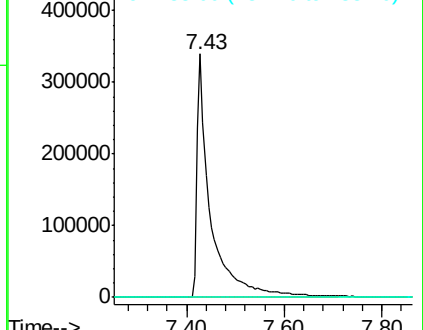
138 0.0 14.9 22.3#



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



#32

Benzoic acid

Concen: 6.930 ng

RT: 8.15 min Scan# 1031

Delta R.T. 0.18 min

Lab File: BF103607.D

Acq: 13 Mar 2018 16:35

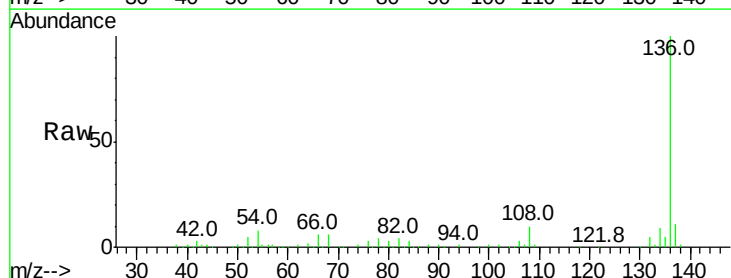
Tgt Ion:122 Resp: 114

Ion Ratio Lower Upper

122 100

105 111.4 101.1 141.1

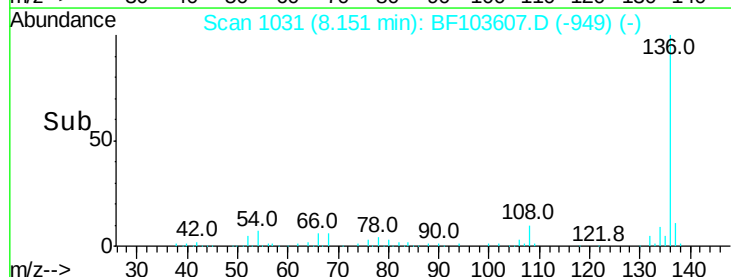
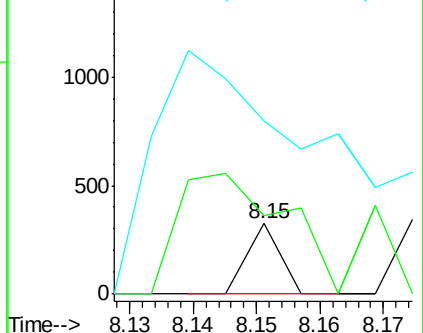
77 247.2 70.7 110.7#

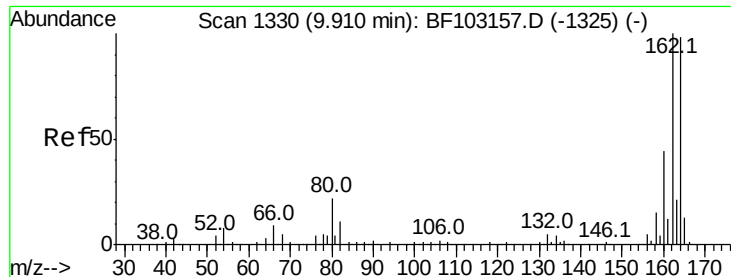


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

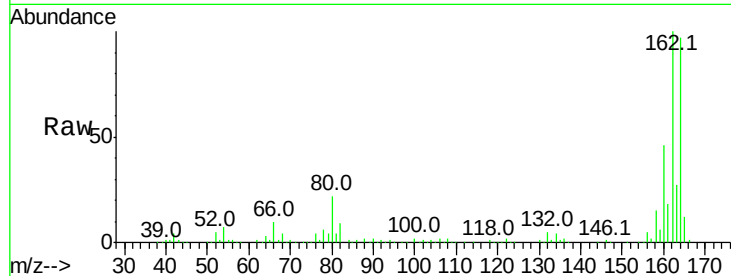




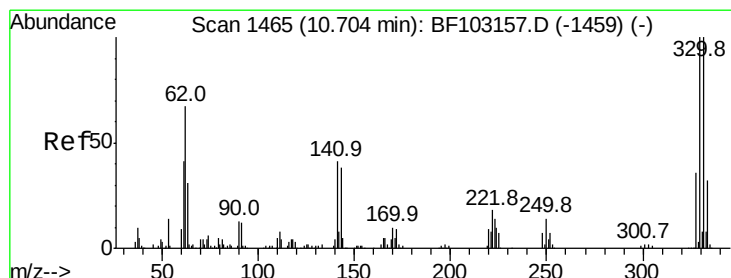
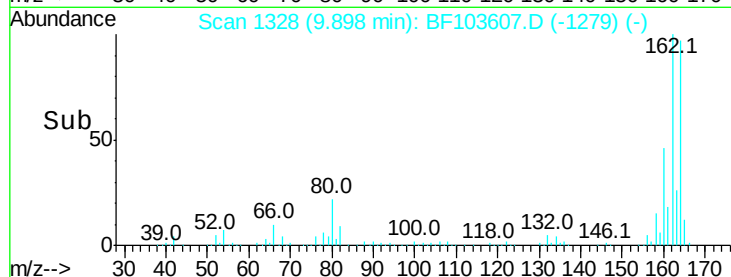
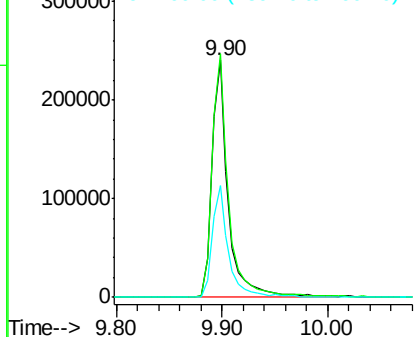
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF103607.D
Acq: 13 Mar 2018 16:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 261361
Ion Ratio Lower Upper
164 100
162 102.7 86.1 129.1
160 47.1 38.3 57.5

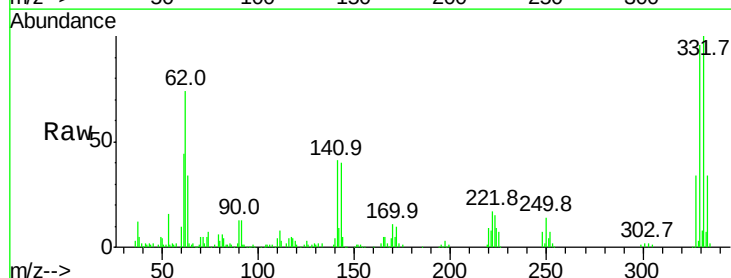


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

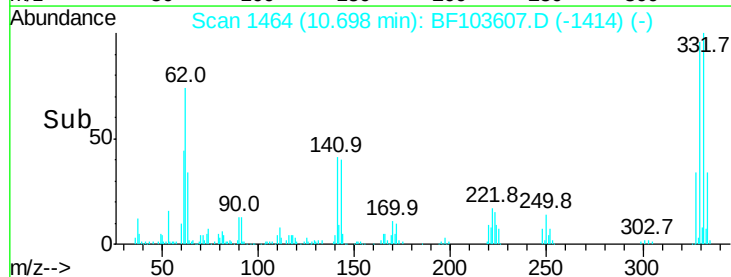
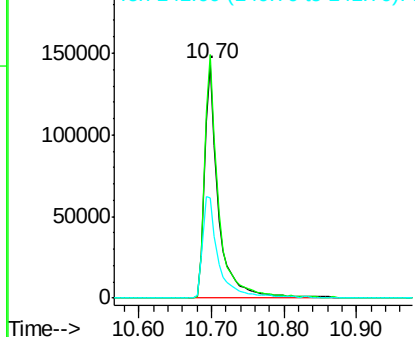


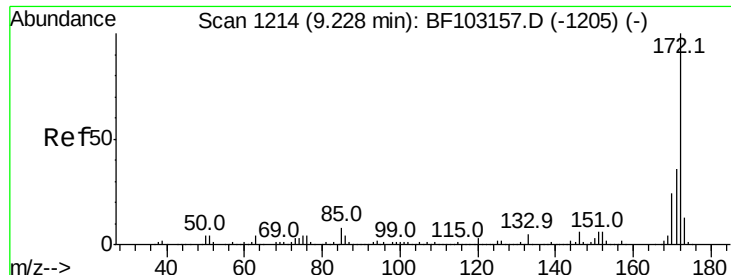
#41
2,4,6-Tribromophenol
Concen: 86.820 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF103607.D
Acq: 13 Mar 2018 16:35

Tgt Ion:330 Resp: 192070
Ion Ratio Lower Upper
330 100
332 104.2 77.0 115.6
141 50.1 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



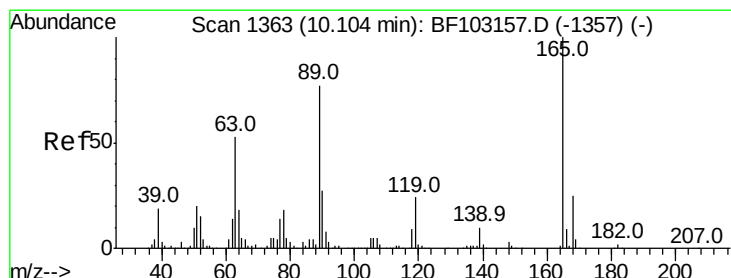
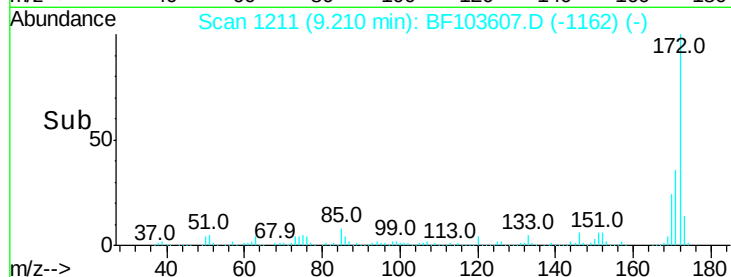
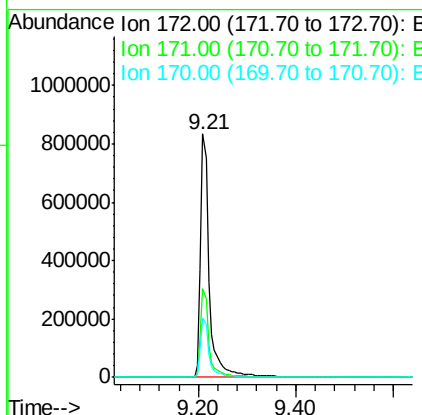
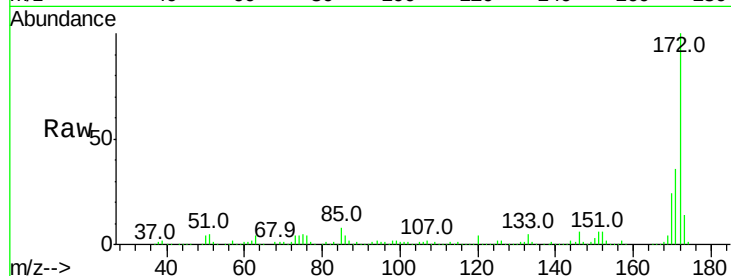


#44
 2-Fluorobiphenyl
 Concen: 65.091 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF103607.D
 Acq: 13 Mar 2018 16:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1045207

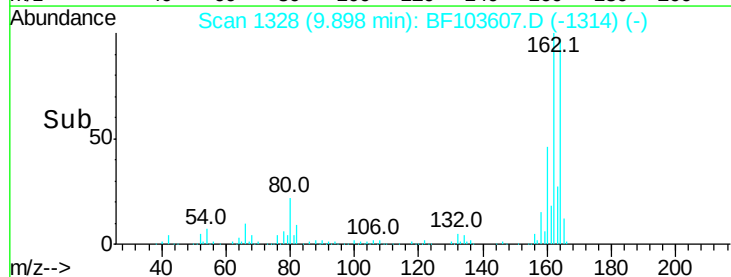
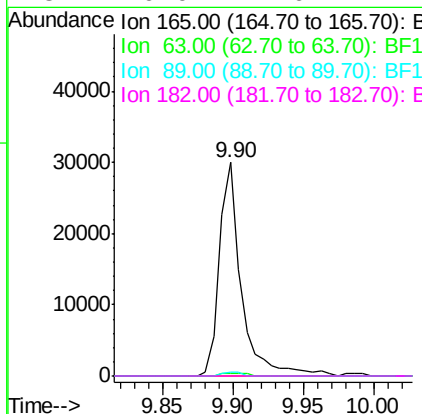
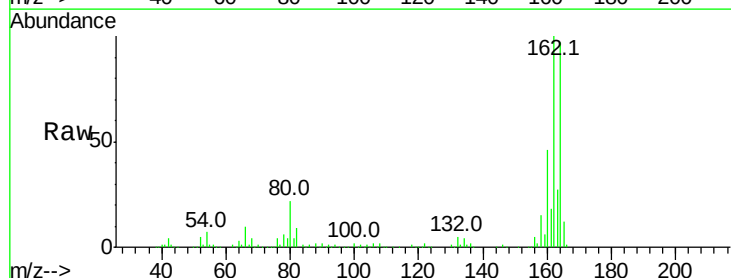
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.4	19.6	29.4

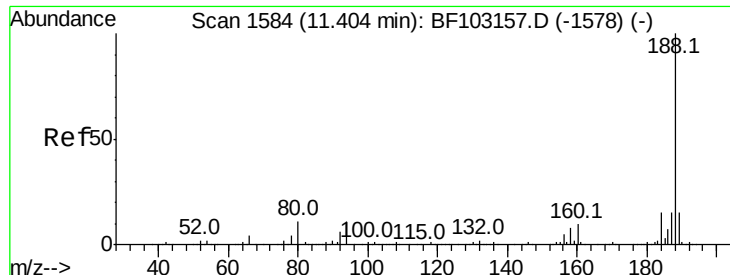


#56
 2,4-Dinitrotoluene
 Concen: 5.824 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.22 min
 Lab File: BF103607.D
 Acq: 13 Mar 2018 16:35

Tgt Ion:165 Resp: 32409

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.8	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. -0.01 min

Lab File: BF103607.D

Acq: 13 Mar 2018 16:35

Instrument :

BNA_F

ClientSampleId :

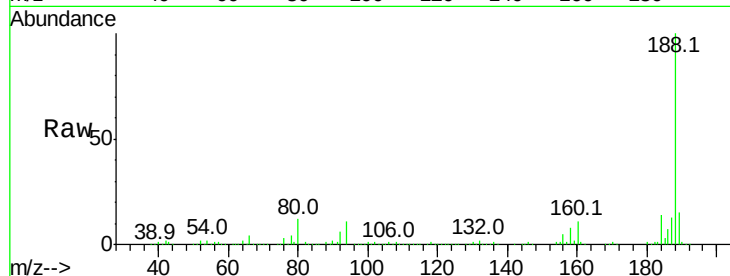
Tot Ion:188 Resp: 473548

Ion Ratio Lower Upper

188 100

94 11.0 8.5 12.7

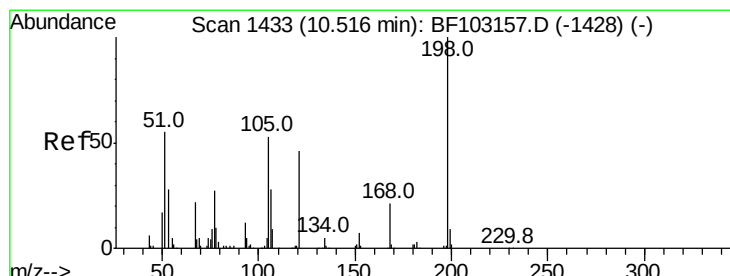
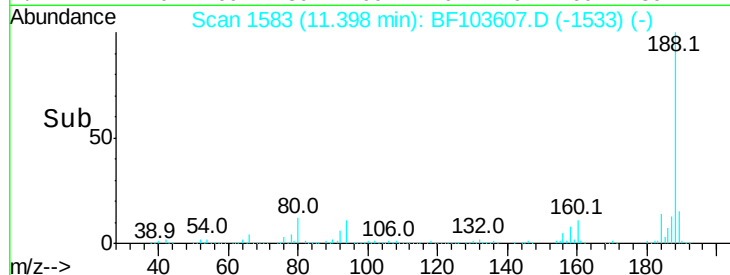
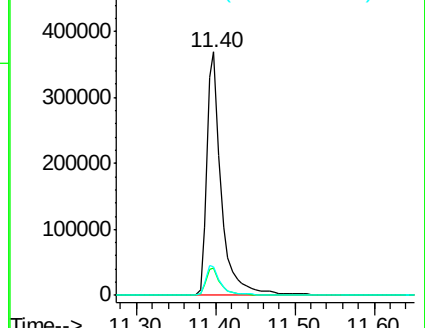
80 11.7 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 5.032 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.16 min

Lab File: BF103607.D

Acq: 13 Mar 2018 16:35

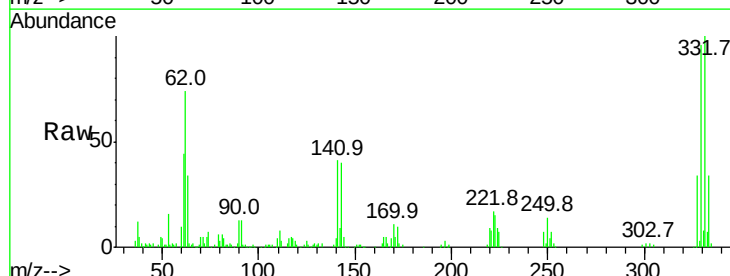
Tgt Ion:198 Resp: 278

Ion Ratio Lower Upper

198 100

51 252.7 37.7 77.7#

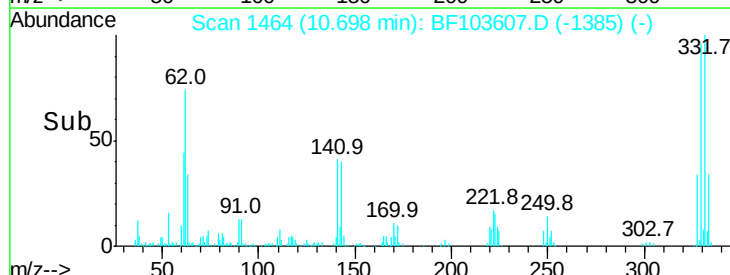
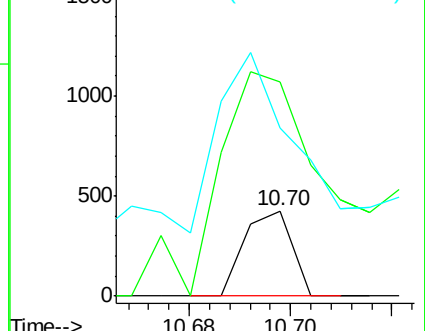
105 197.9 36.3 76.3#

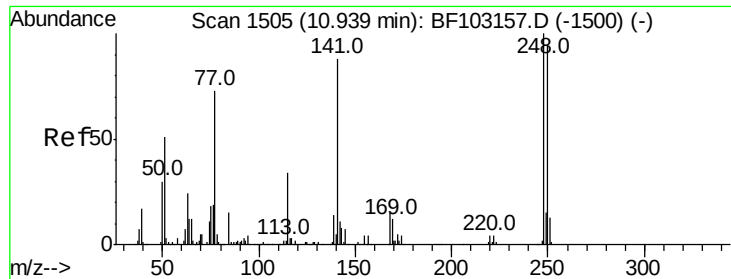


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

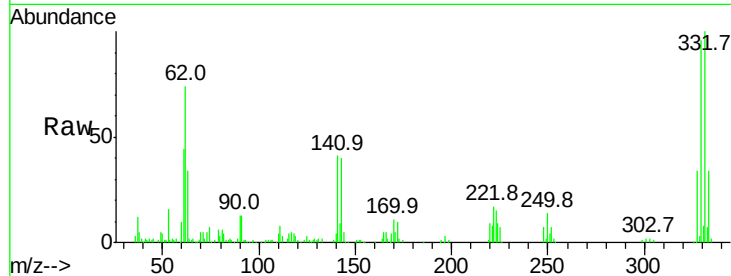




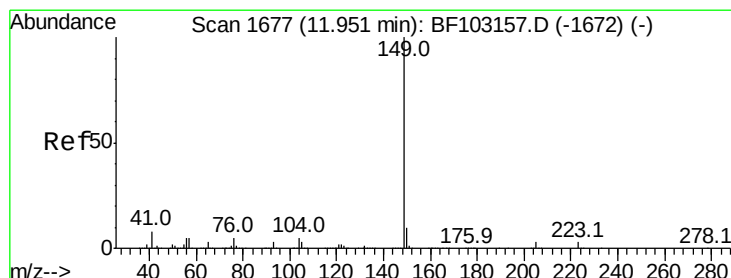
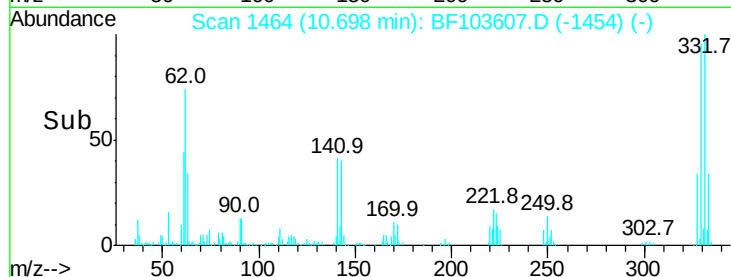
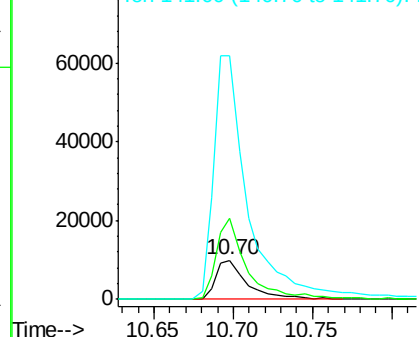
#66
 4-Bromophenyl-phenylether
 Concen: 2.747 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.24 min
 Lab File: BF103607.D
 Acq: 13 Mar 2018 16:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 13550
 Ion Ratio Lower Upper
 248 100
 250 207.3 76.9 115.3#
 141 625.3 74.4 111.6#

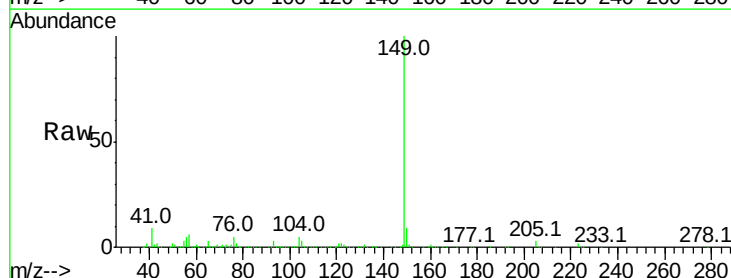


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

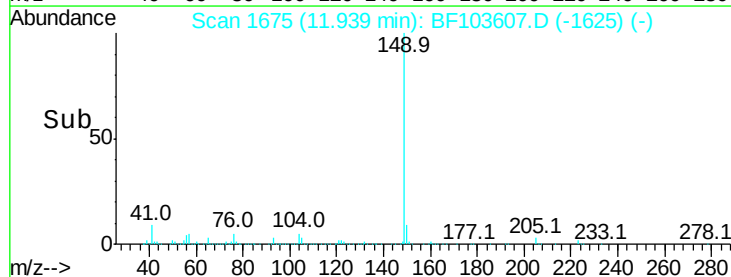
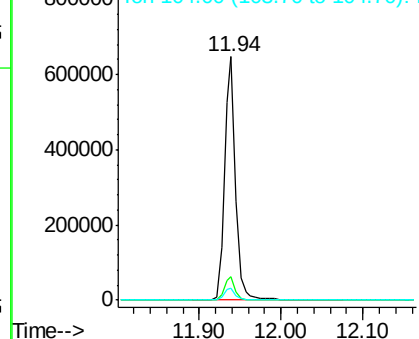


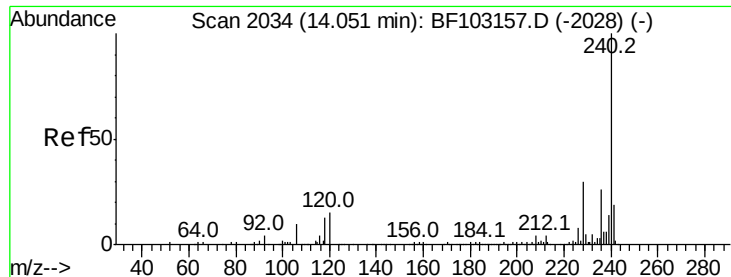
#73
 Di-n-butylphthalate
 Concen: 18.201 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. -0.01 min
 Lab File: BF103607.D
 Acq: 13 Mar 2018 16:35

Tgt Ion:149 Resp: 606091
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.8 11.6
 104 4.8 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: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF103607.D

Acq: 13 Mar 2018 16:35

Instrument :

BNA_F

ClientSampleId :

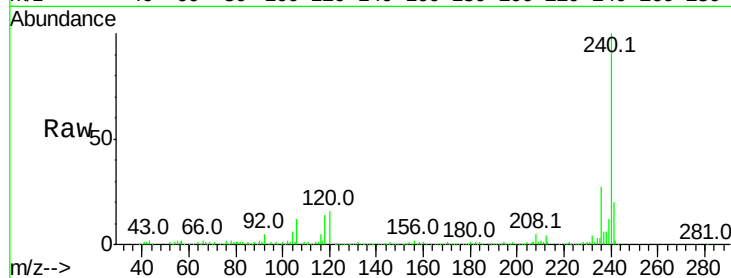
Tot Ion:240 Resp: 320824

Ion Ratio Lower Upper

240 100

120 16.4 9.5 14.3#

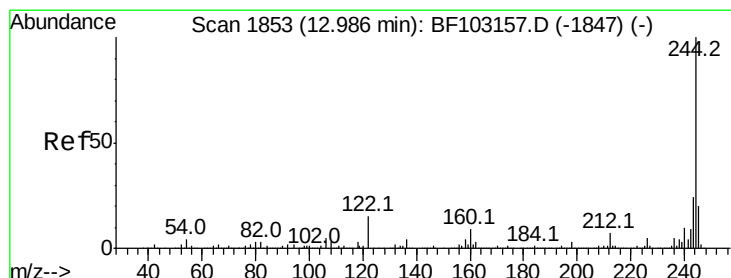
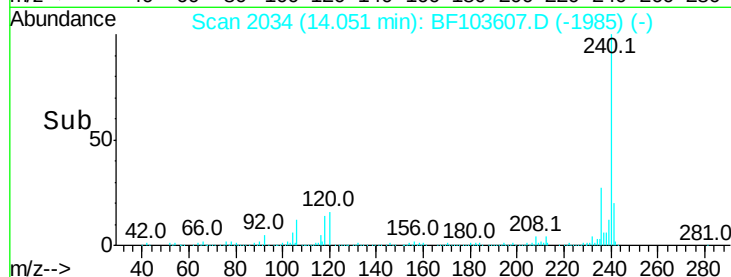
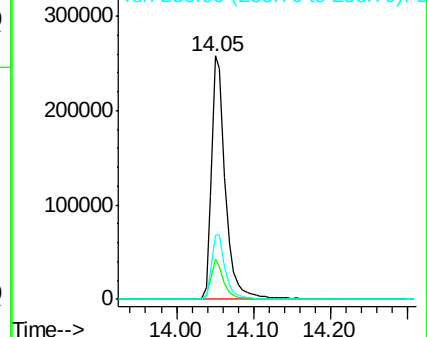
236 26.6 20.7 31.1



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: 64.151 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF103607.D

Acq: 13 Mar 2018 16:35

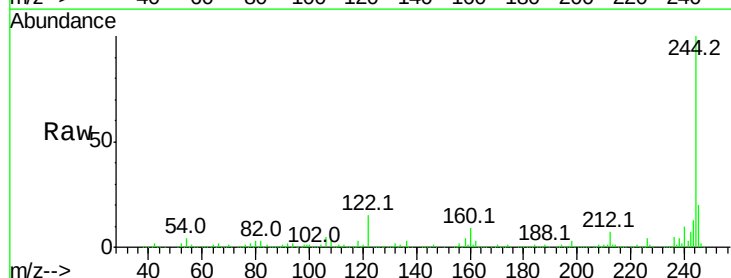
Tgt Ion:244 Resp: 856171

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

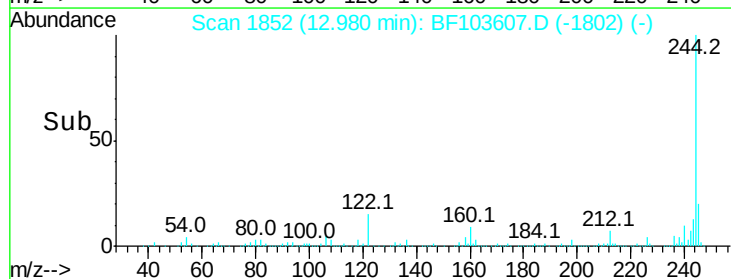
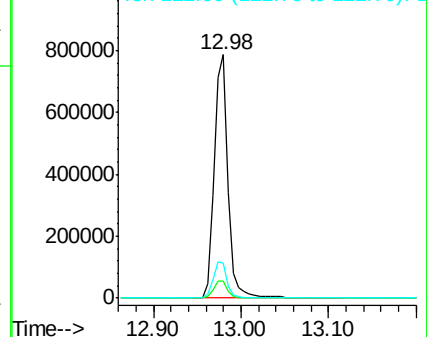
122 14.5 11.0 16.4

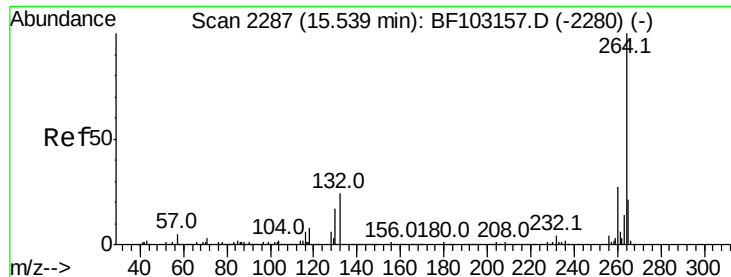


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

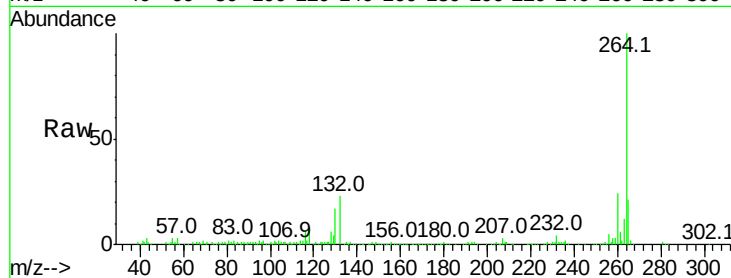




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BF103607.D
 Acq: 13 Mar 2018 16:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.0	17.5	26.3



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

