

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032318\
 Data File : BF103908.D
 Acq On : 24 Mar 2018 4:25
 Operator : JU/SJ
 Sample : J2014-06
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 24 05:15:32 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

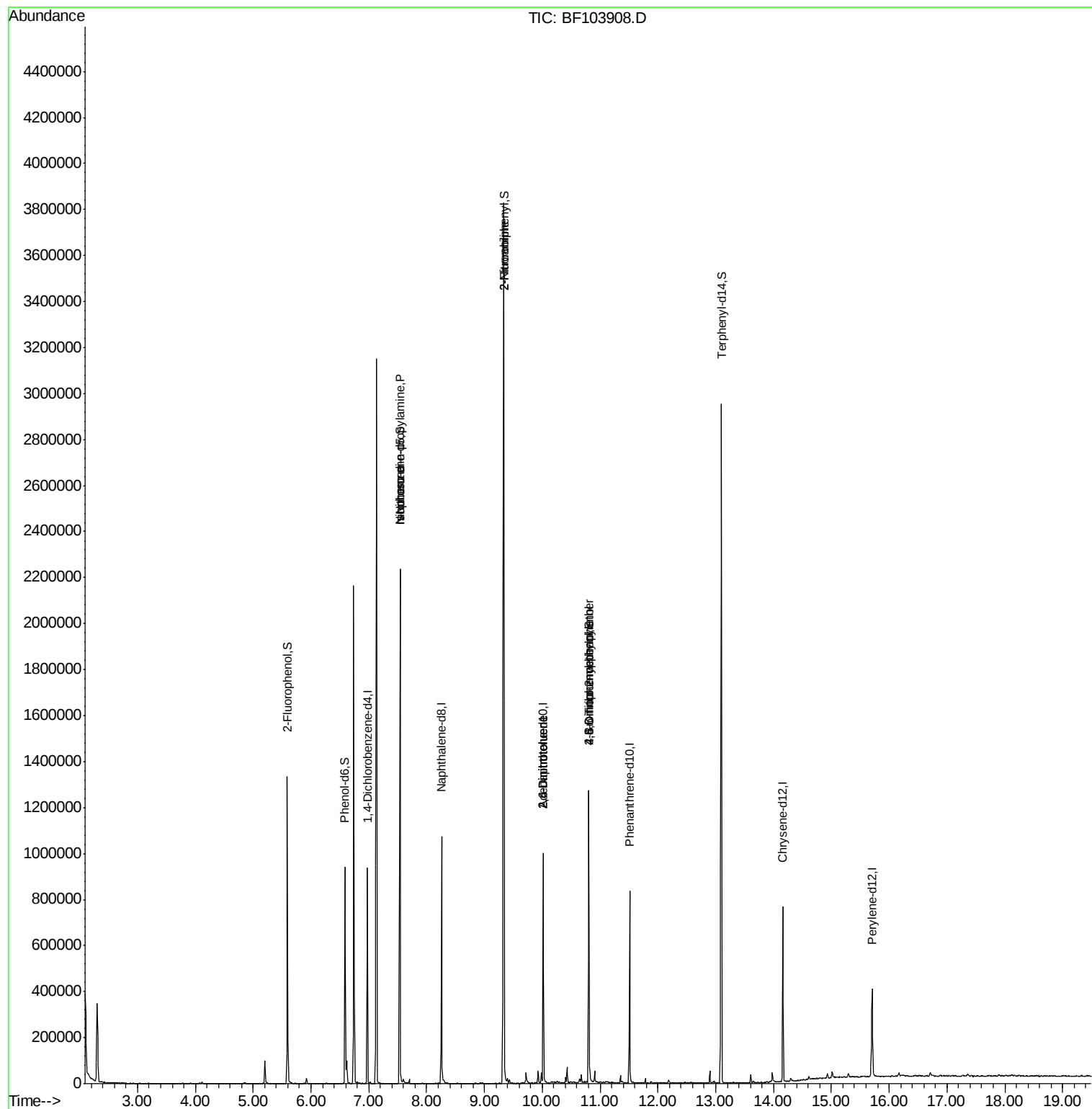
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	126031	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	476437	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	189144	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	286550	20.00	ng	0.00
75) Chrysene-d12	14.16	240	245922	20.00	ng	0.00
86) Perylene-d12	15.70	264	176820	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	375520	45.32	ng	0.00
7) Phenol-d6	6.59	99	302799	29.87	ng	-0.01
23) Nitrobenzene-d5	7.54	82	769116	112.58	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	166382	102.31	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1306792	110.21	ng	0.00
78) Terphenyl-d14	13.10	244	999696	94.36	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.54	70	99911	15.379	ng	# 71
25) Isophorone	7.54	82	769109	48.630	ng	# 64
47) 2-Nitroaniline	9.33	65	2001	7.338	ng	# 1
50) 2,6-Dinitrotoluene	10.02	165	24133	11.911	ng	# 25
56) 2,4-Dinitrotoluene	10.02	165	24133	12.154	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	157	8.280	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	10034	3.410	ng	# 1

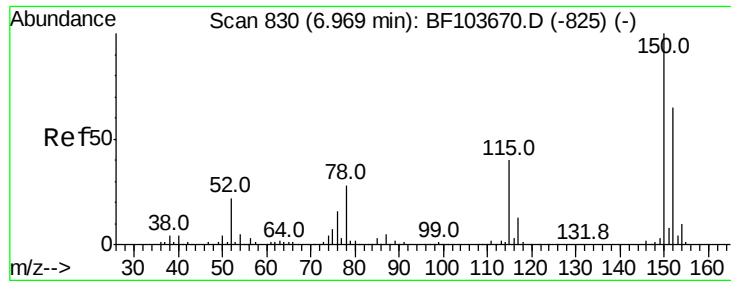
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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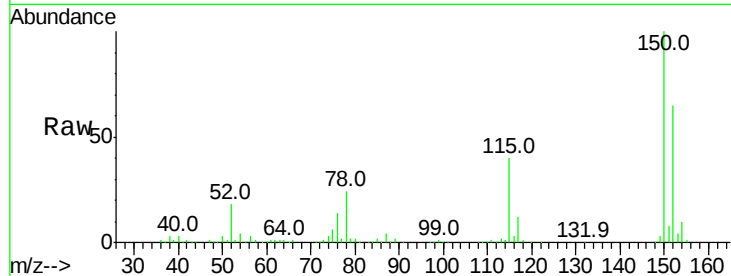


#1

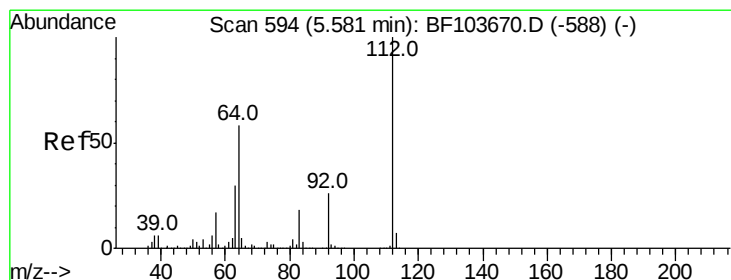
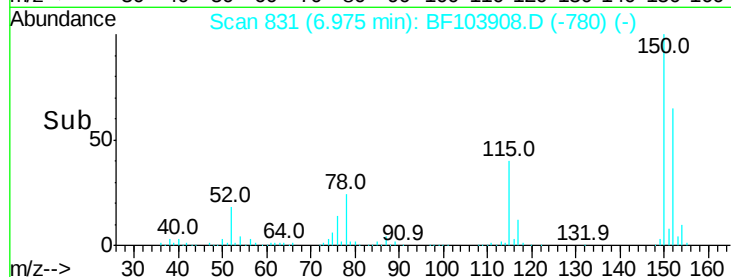
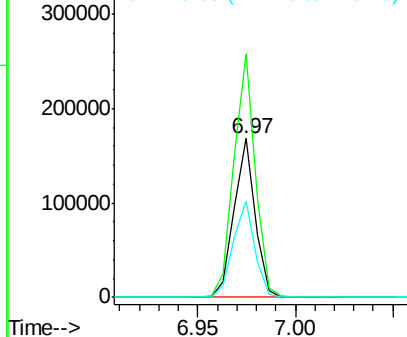
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103908.D
Acq: 24 Mar 2018 4:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 126031
Ion Ratio Lower Upper
152 100
150 153.1 124.6 186.8
115 60.6 50.1 75.1



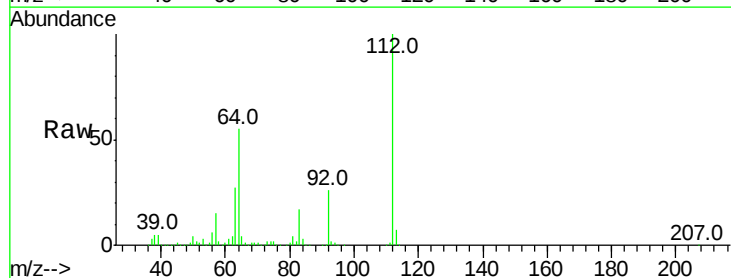
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



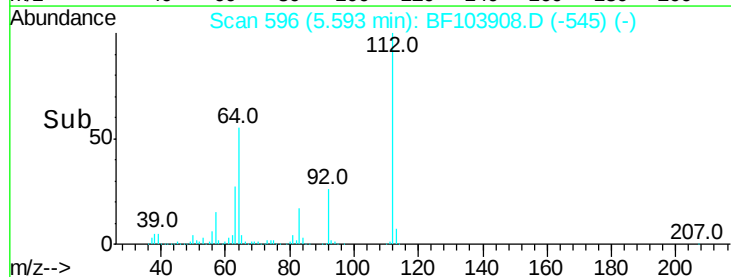
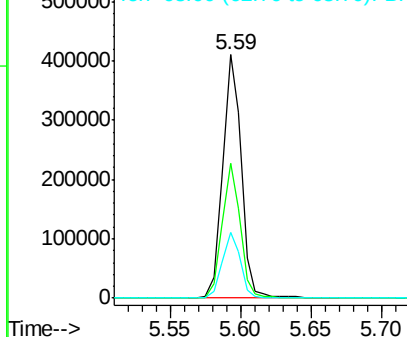
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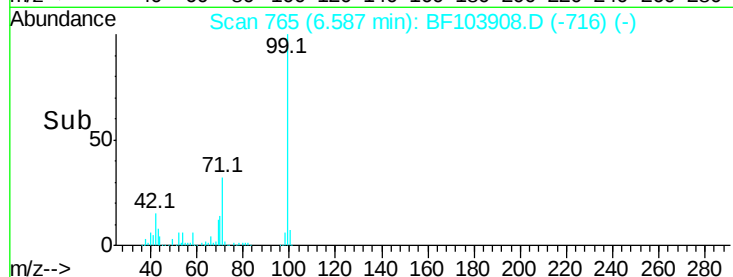
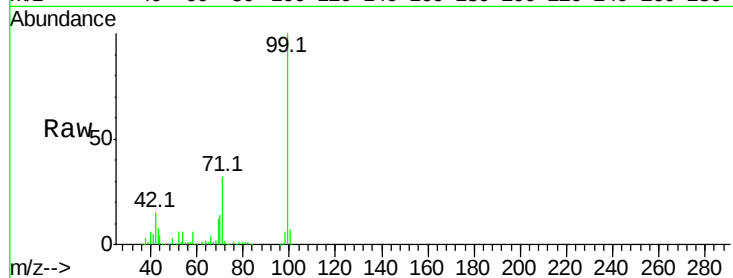
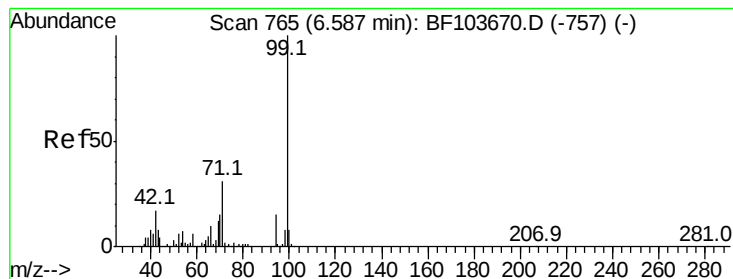
2-Fluorophenol
Concen: 45.319 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF103908.D
Acq: 24 Mar 2018 4:25

Tgt Ion:112 Resp: 375520
Ion Ratio Lower Upper
112 100
64 55.4 47.9 71.9
63 27.2 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: 29.869 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF103908.D

Acq: 24 Mar 2018 4:25

Instrument :

BNA_F

ClientSampled :

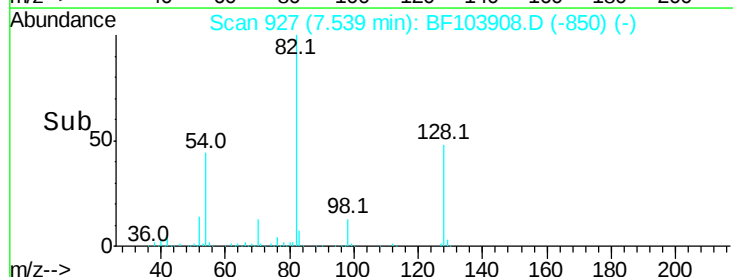
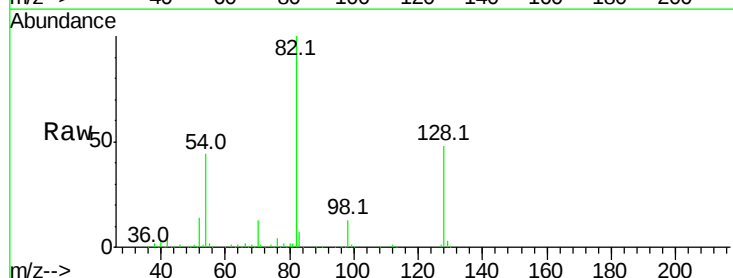
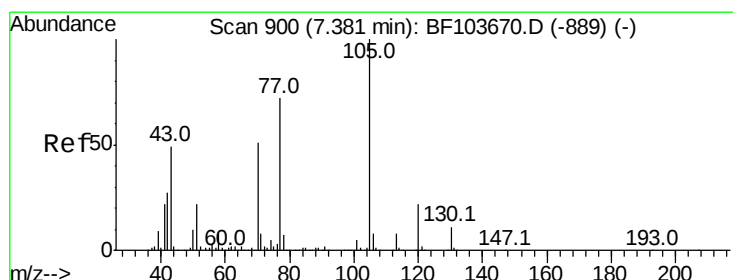
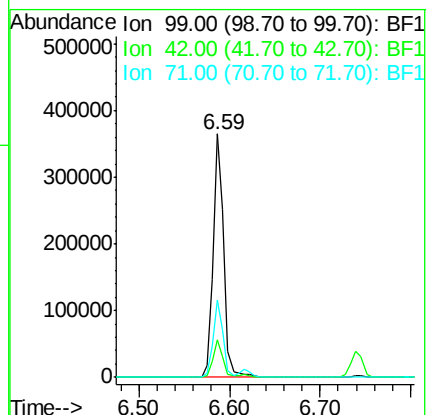
Tot Ion: 99 Resp: 302799

Ion Ratio Lower Upper

99 100

42 15.4 14.5 21.7

71 31.7 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.379 ng

RT: 7.54 min Scan# 927

Delta R.T. 0.15 min

Lab File: BF103908.D

Acq: 24 Mar 2018 4:25

Tgt Ion: 70 Resp: 99911

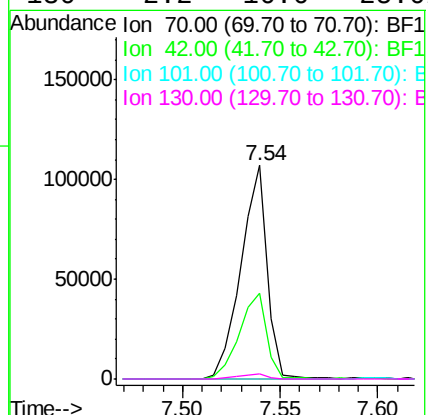
Ion Ratio Lower Upper

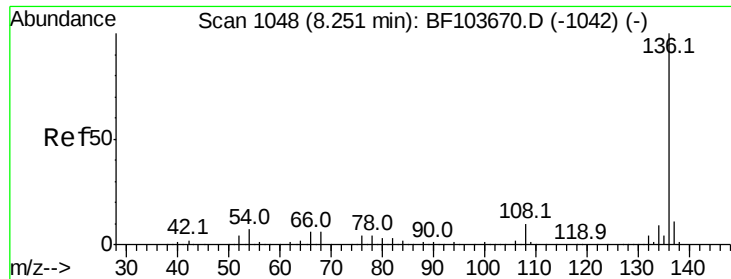
70 100

42 40.0 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

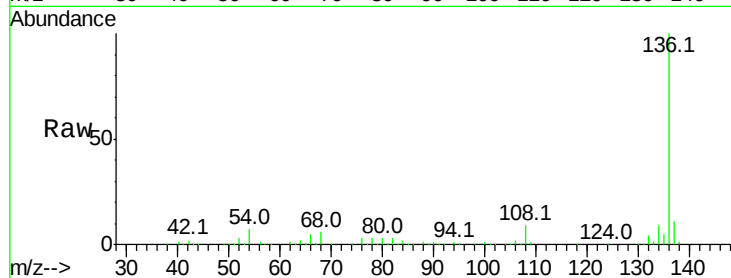




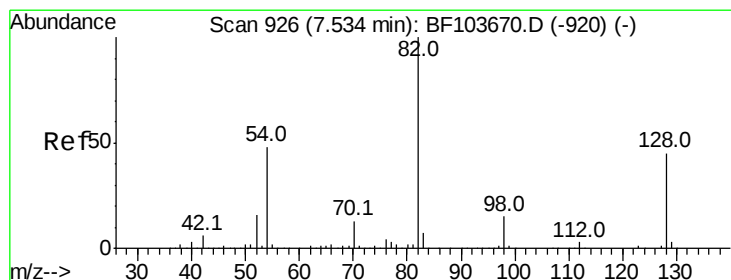
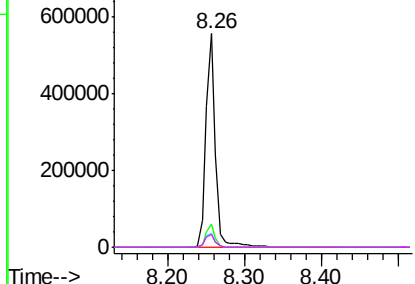
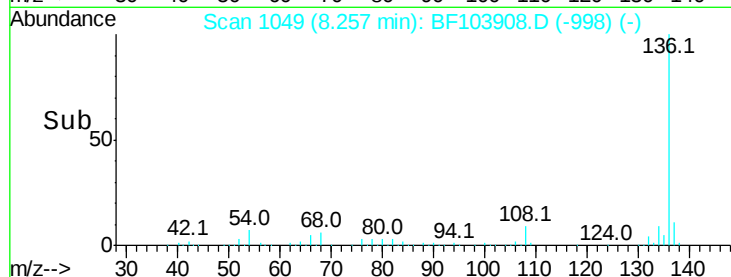
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF103908.D
Acq: 24 Mar 2018 4:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	476437
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.7	6.6	9.8
68	6.0	5.0	7.4

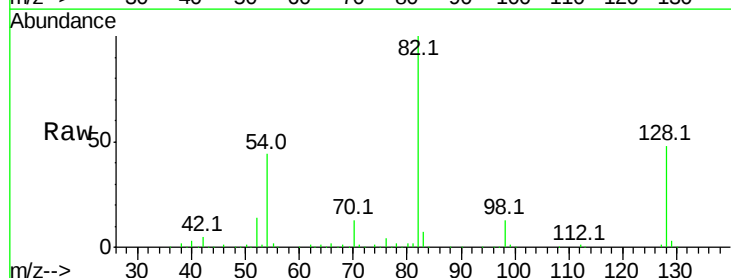


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

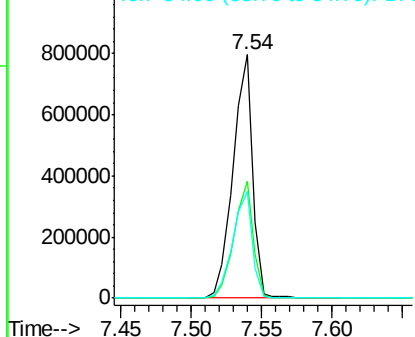
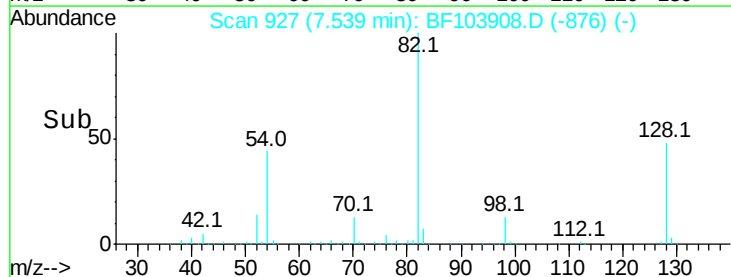


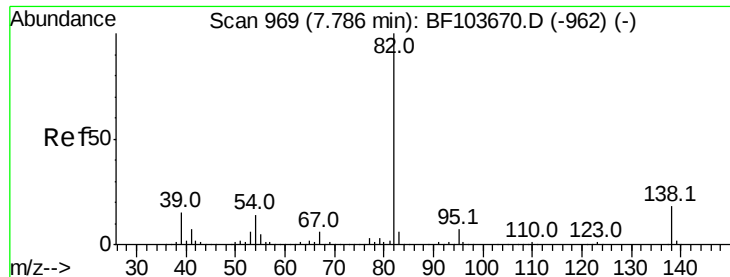
#23
Nitrobenzene-d5
Concen: 112.575 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF103908.D
Acq: 24 Mar 2018 4:25

Tgt Ion:	82	Resp:	769116
Ion	Ratio	Lower	Upper
82	100		
128	48.2	36.1	54.1
54	44.0	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: 48.630 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.25 min

Lab File: BF103908.D

Acq: 24 Mar 2018 4:25

Instrument :

BNA_F

ClientSampleId :

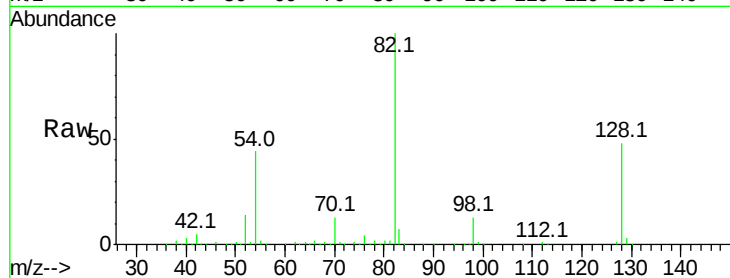
Tot Ion: 82 Resp: 769109

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

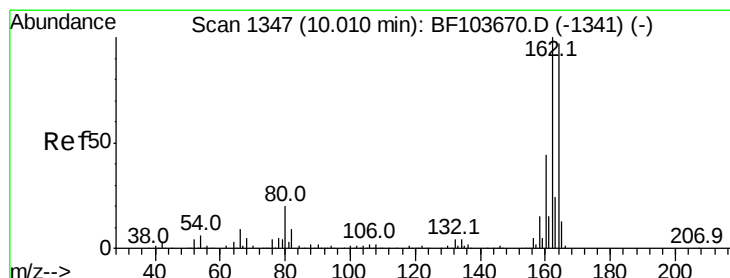
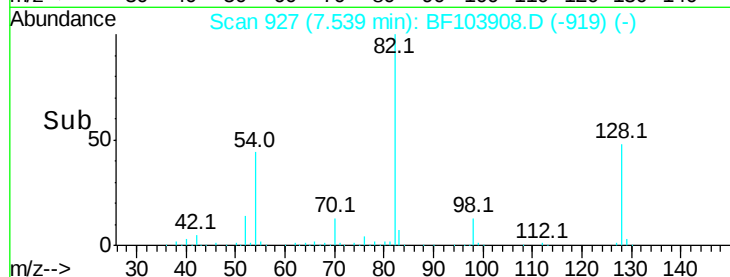
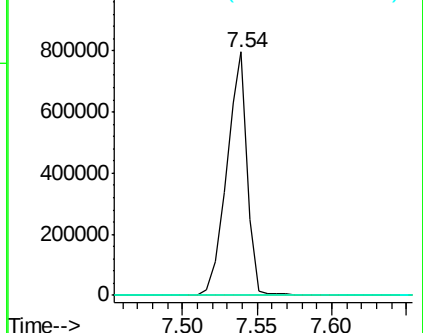
138 0.0 14.9 22.3#



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: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF103908.D

Acq: 24 Mar 2018 4:25

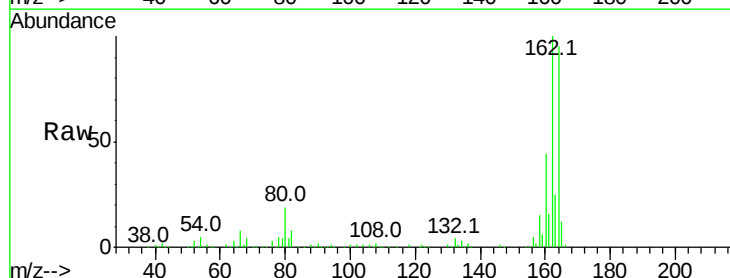
Tgt Ion:164 Resp: 189144

Ion Ratio Lower Upper

164 100

162 104.9 86.1 129.1

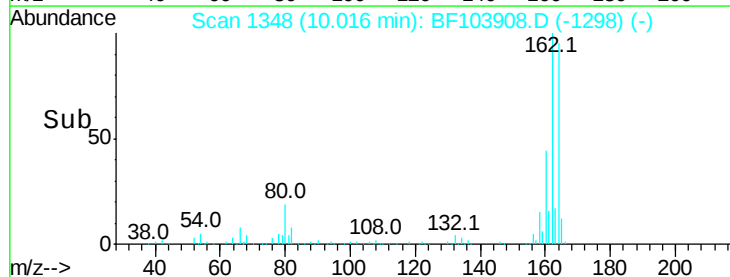
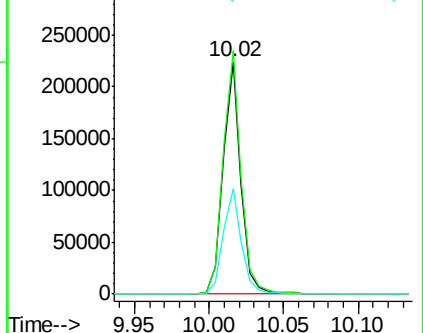
160 45.6 38.3 57.5

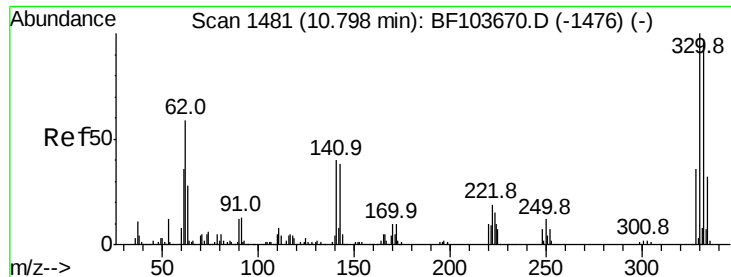


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

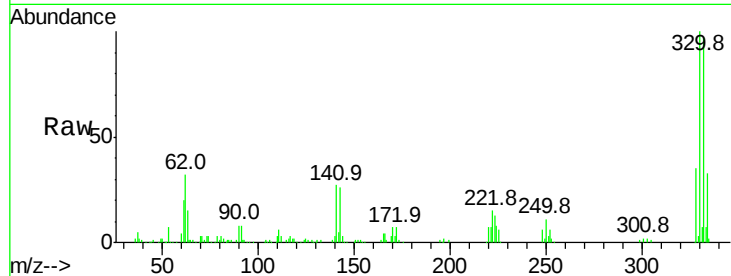




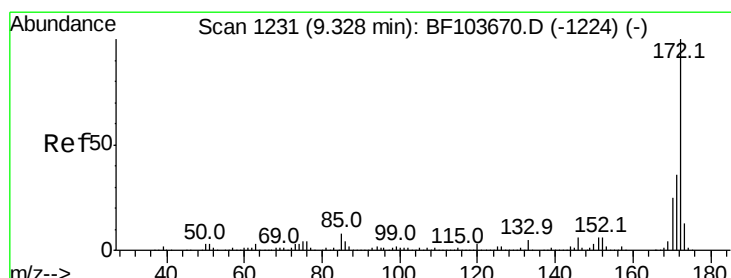
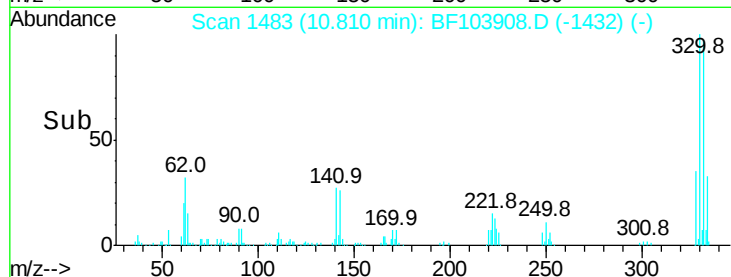
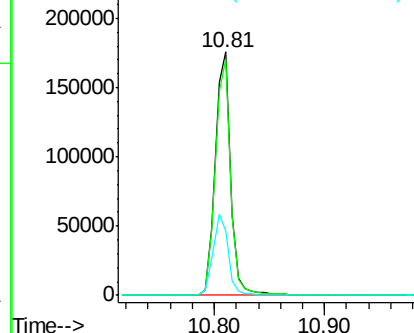
#41
 2,4,6-Tribromophenol
 Concen: 102.309 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.00 min
 Lab File: BF103908.D
 Acq: 24 Mar 2018 4:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	32.5	29.9	44.9

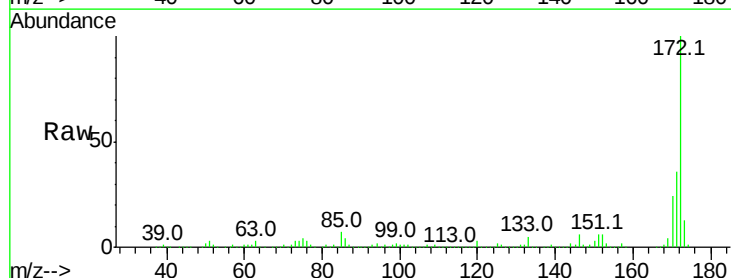


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

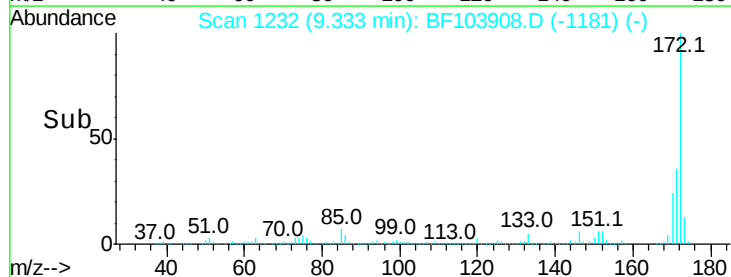
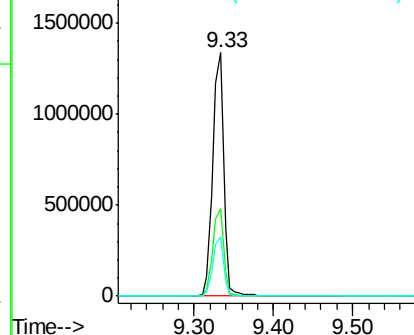


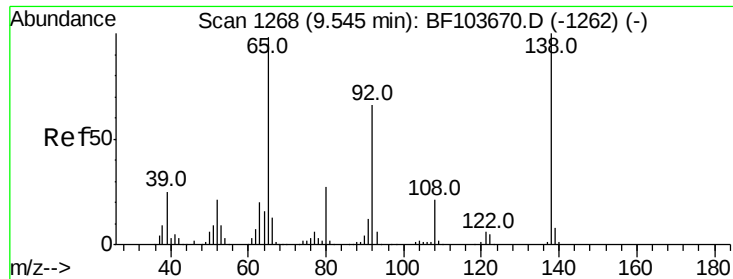
#44
 2-Fluorobiphenyl
 Concen: 110.209 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF103908.D
 Acq: 24 Mar 2018 4:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.2	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

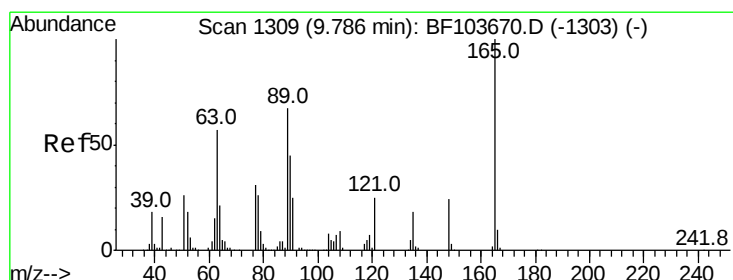
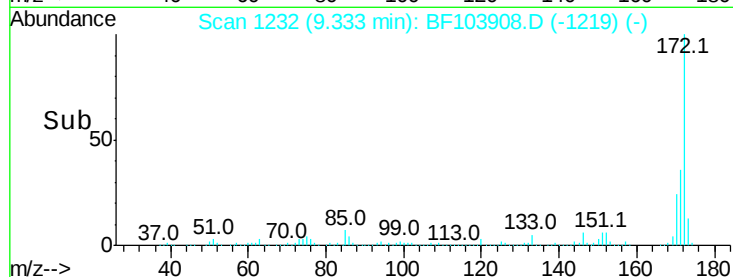
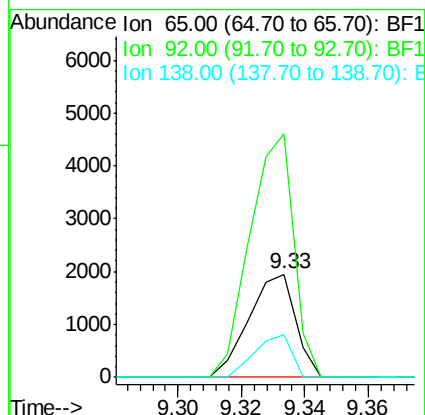
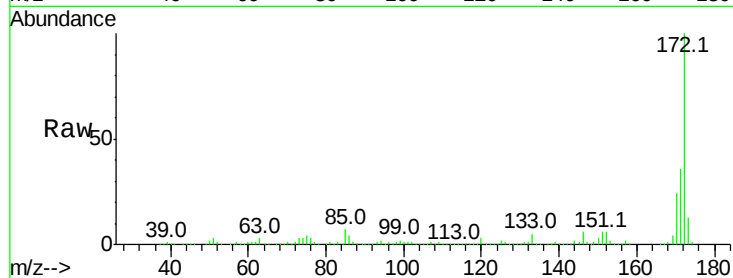




#47
2-Nitroaniline
Concen: 7.338 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.22 min
Lab File: BF103908.D
Acq: 24 Mar 2018 4:25

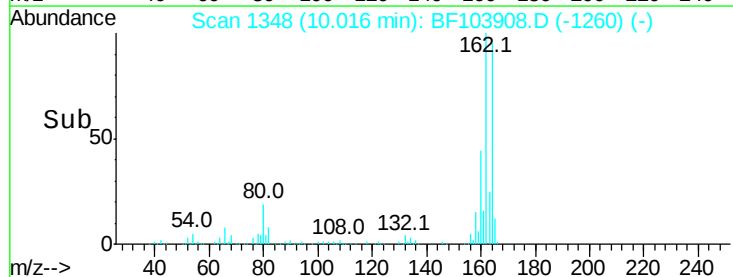
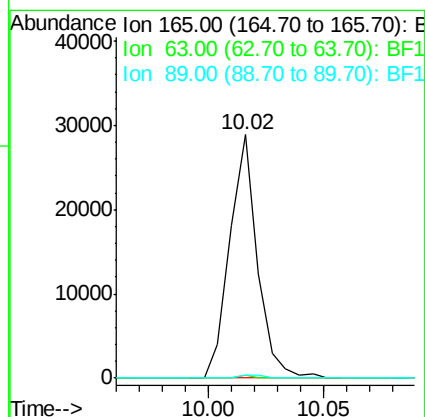
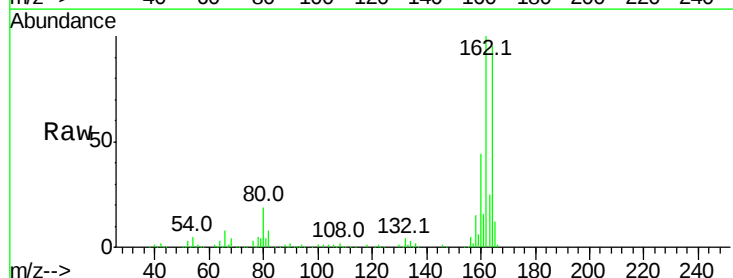
Instrument :
BNA_F
ClientSampleId :

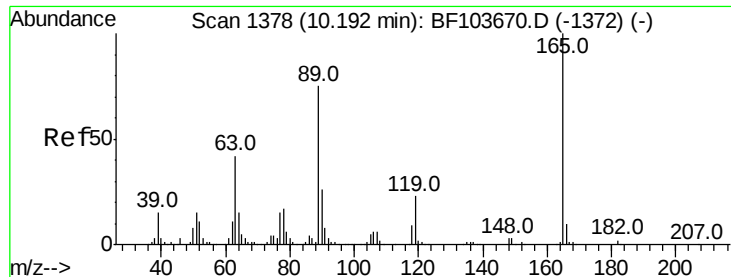
Tot Ion: 65 Resp: 2001
Ion Ratio Lower Upper
65 100
92 235.4 55.8 83.6#
138 41.4 91.2 136.8#



#50
2,6-Dinitrotoluene
Concen: 11.911 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.22 min
Lab File: BF103908.D
Acq: 24 Mar 2018 4:25

Tgt Ion:165 Resp: 24133
Ion Ratio Lower Upper
165 100
63 1.3 44.7 67.1#
89 1.4 44.0 66.0#

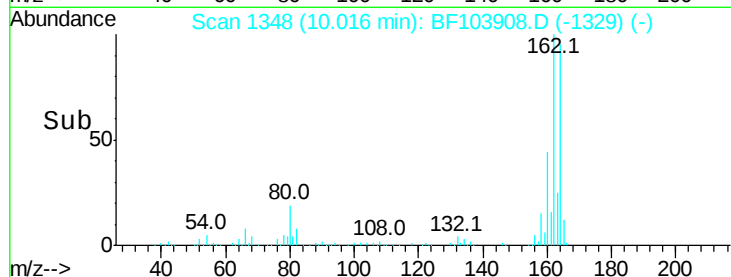
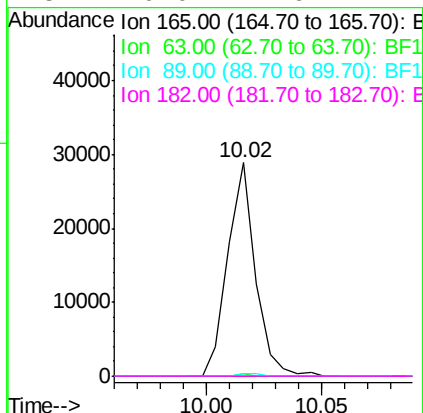
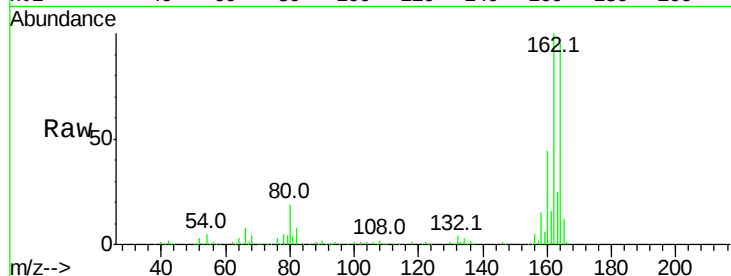




#56
 2,4-Dinitrotoluene
 Concen: 12.154 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.19 min
 Lab File: BF103908.D
 Acq: 24 Mar 2018 4:25

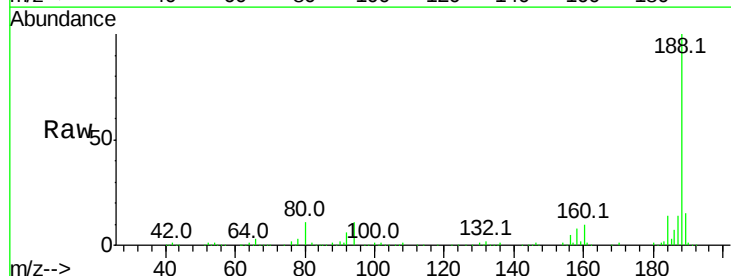
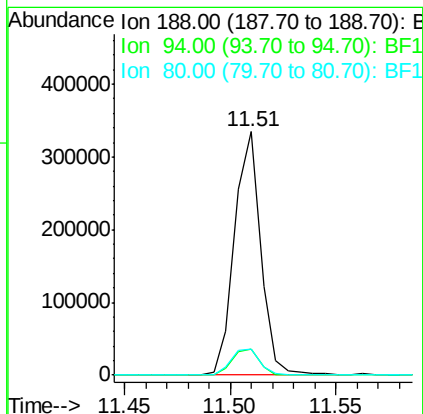
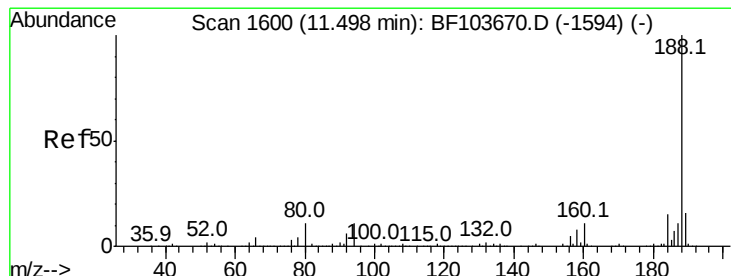
Instrument :
 BNA_F
 ClientSampleId :

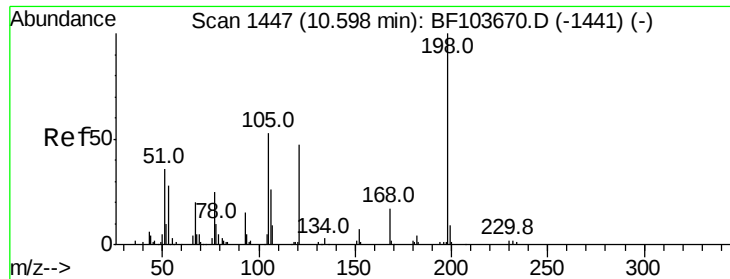
Tot Ion:165 Resp: 24133
 Ion Ratio Lower Upper
 165 100
 63 1.3 36.4 54.6#
 89 1.4 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. -0.00 min
 Lab File: BF103908.D
 Acq: 24 Mar 2018 4:25

Tgt Ion:188 Resp: 286550
 Ion Ratio Lower Upper
 188 100
 94 10.7 8.5 12.7
 80 10.9 9.2 13.8

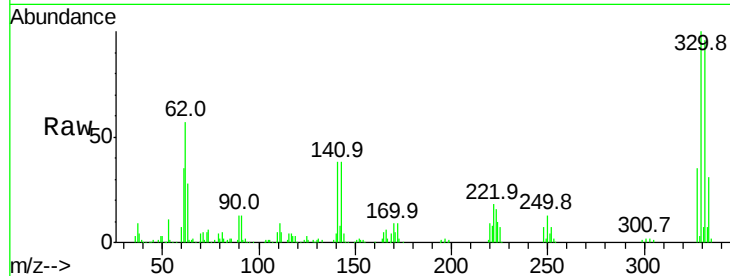




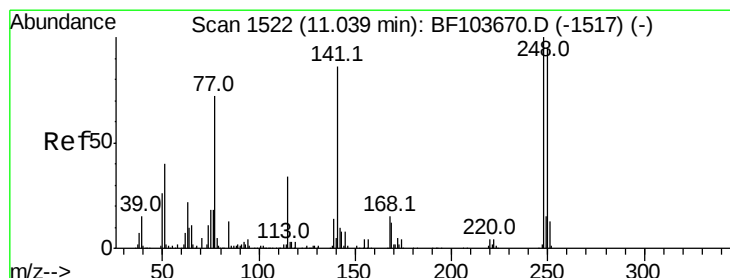
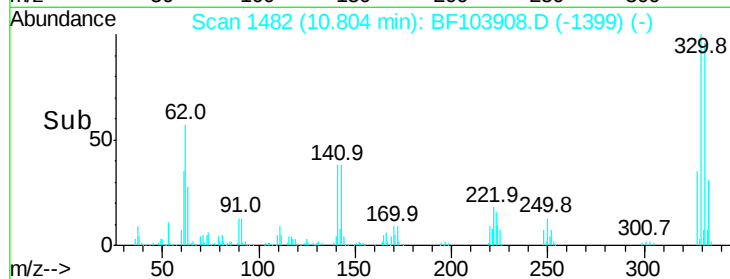
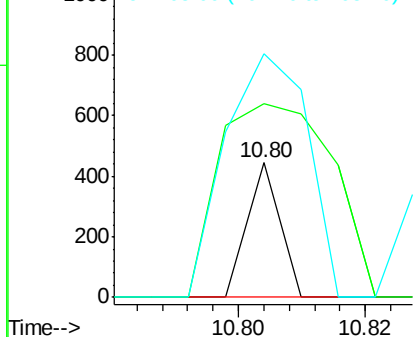
#64
4,6-Dinitro-2-methylphenol
Concen: 8.280 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.19 min
Lab File: BF103908.D
Acq: 24 Mar 2018 4:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 157
Ion Ratio Lower Upper
198 100
51 144.0 37.7 77.7#
105 180.7 36.3 76.3#

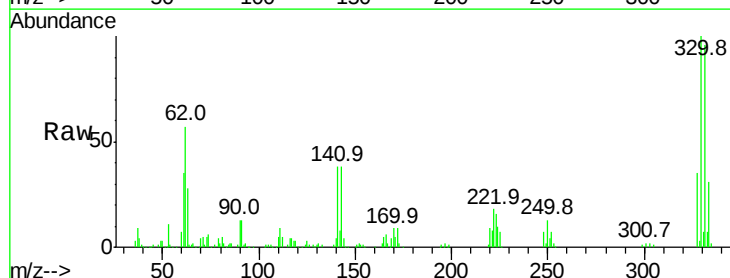


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

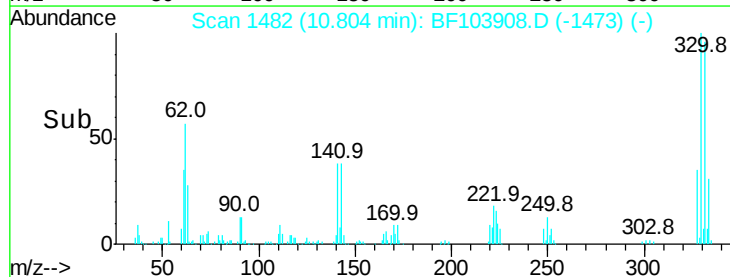
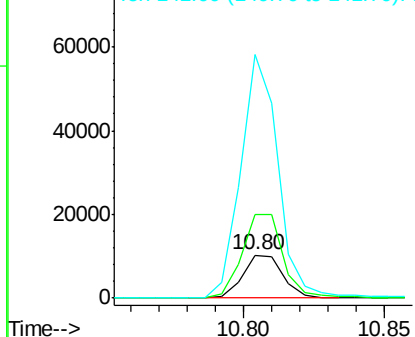


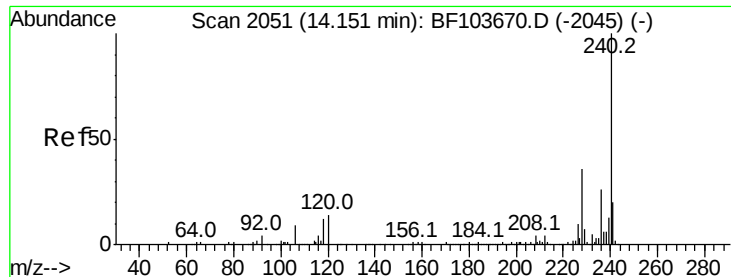
#66
4-Bromophenyl-phenylether
Concen: 3.410 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.25 min
Lab File: BF103908.D
Acq: 24 Mar 2018 4:25

Tgt Ion:248 Resp: 10034
Ion Ratio Lower Upper
248 100
250 194.6 76.9 115.3#
141 564.7 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: 14.16 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BF103908.D

Acq: 24 Mar 2018 4:25

Instrument :

BNA_F

ClientSampleId :

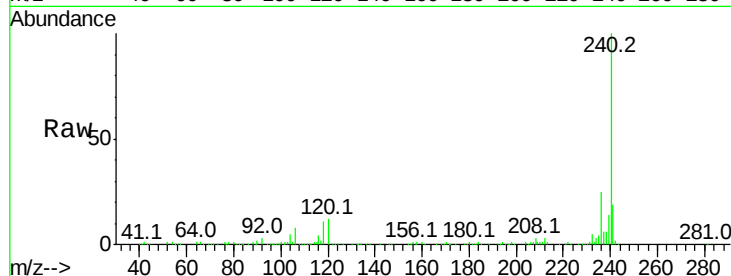
Tot Ion:240 Resp: 245922

Ion Ratio Lower Upper

240 100

120 12.0 9.5 14.3

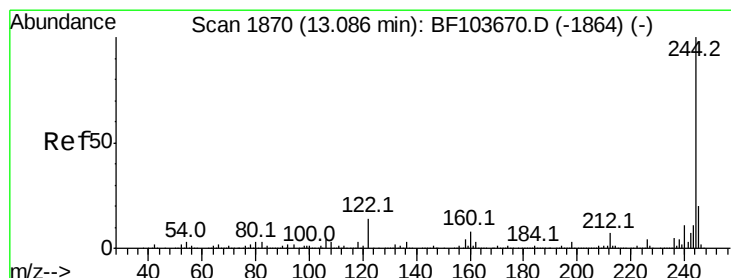
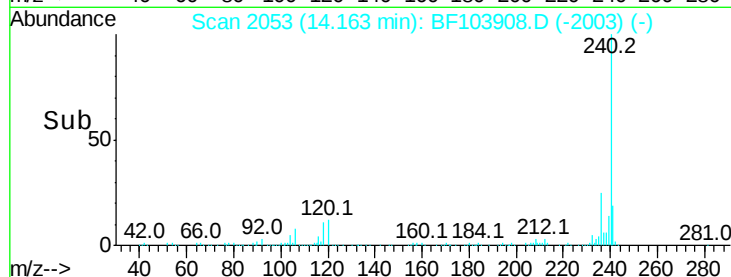
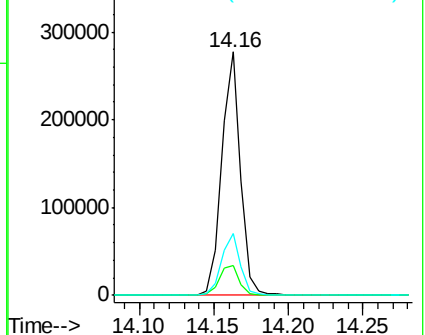
236 25.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 94.357 ng

RT: 13.10 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BF103908.D

Acq: 24 Mar 2018 4:25

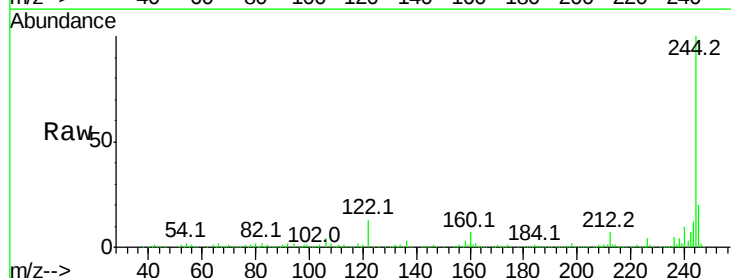
Tgt Ion:244 Resp: 999696

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

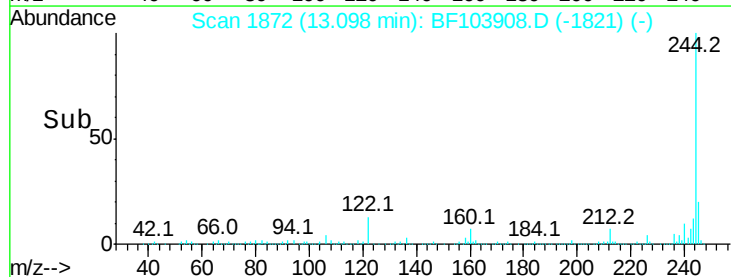
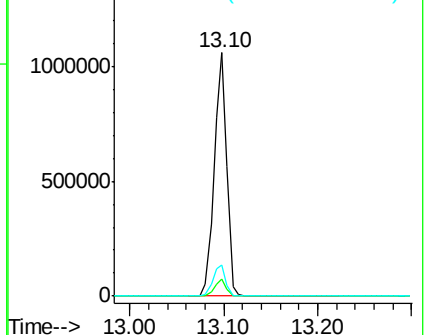
122 12.9 11.0 16.4

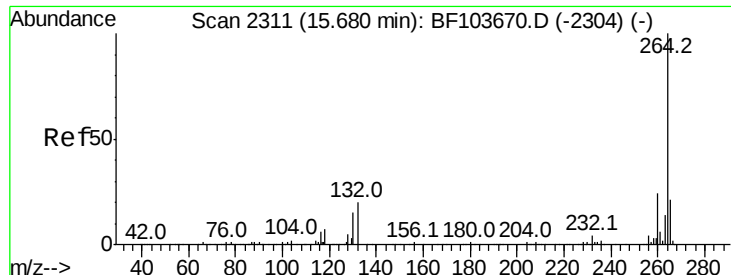


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

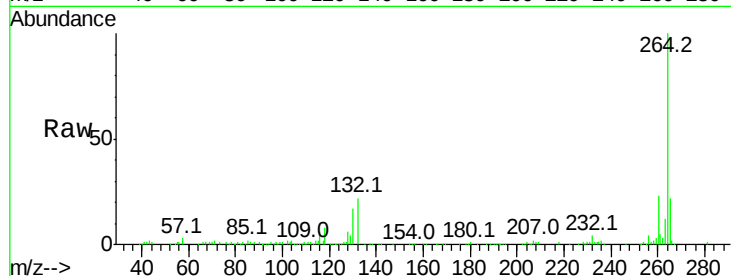




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BF103908.D
Acq: 24 Mar 2018 4:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	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

