

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
 Data File : BF104259.D
 Acq On : 5 Apr 2018 7:11
 Operator : JU/SJ
 Sample : J2179-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 05 08:17:14 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:06:58 2018
 Response via : Initial Calibration

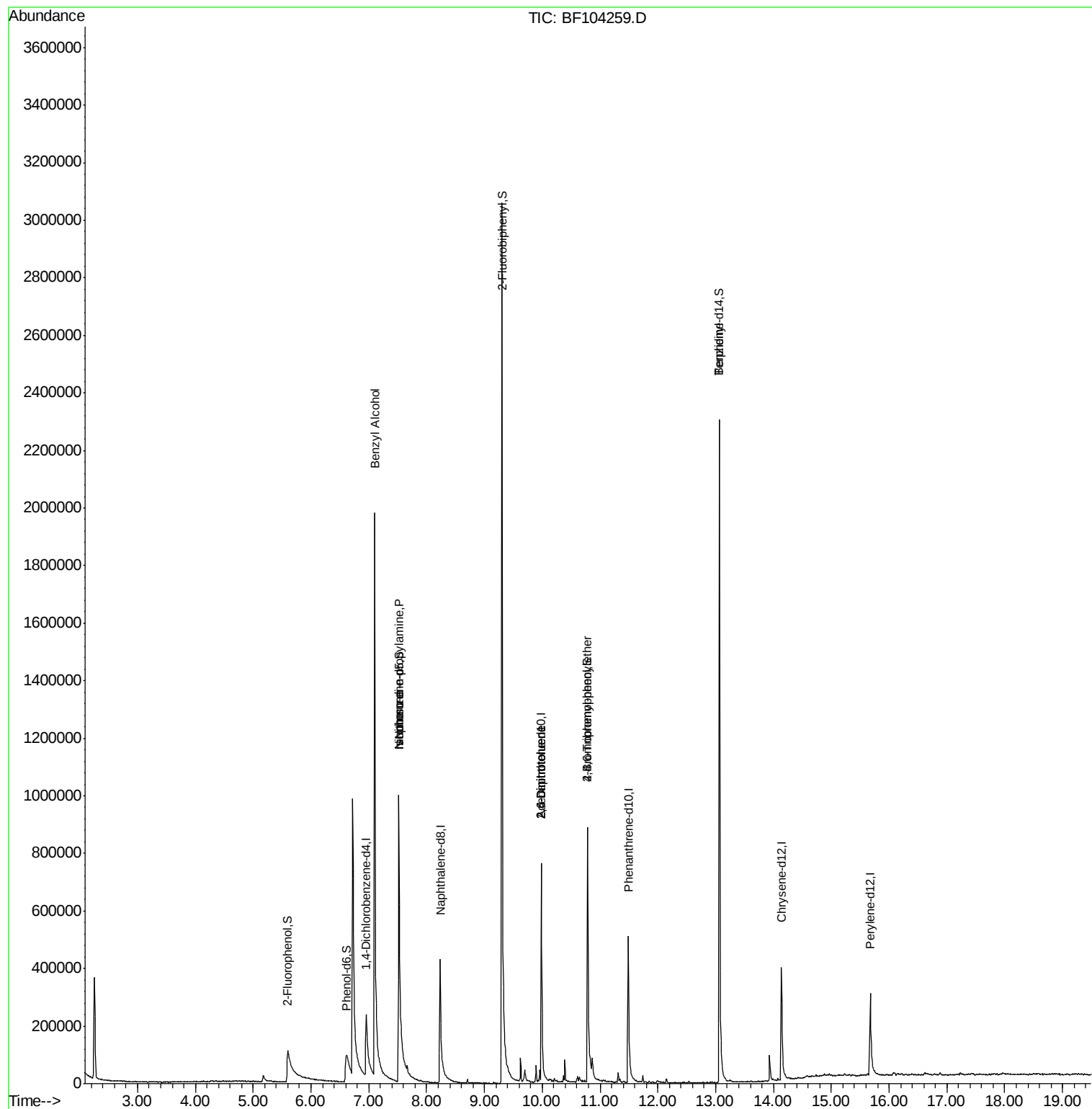
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	110381	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	492040	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	207114	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	342970	20.00	ng	0.00
75) Chrysene-d12	14.14	240	220151	20.00	ng	0.00
86) Perylene-d12	15.67	264	203669	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	228587	33.03	ng	0.00
7) Phenol-d6	6.62	99	198946	23.36	ng	0.01
23) Nitrobenzene-d5	7.52	82	801673	99.64	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	200355	86.88	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1490428	113.48	ng	0.00
78) Terphenyl-d14	13.06	244	1056151	110.77	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.10	79	12799	2.312	ng	# 38
19) n-Nitroso-di-n-propylamine	7.52	70	90085	17.826	ng	# 74
25) Isophorone	7.52	82	809917	54.623	ng	# 64
50) 2,6-Dinitrotoluene	9.99	165	25251	7.178	ng	# 24
56) 2,4-Dinitrotoluene	9.99	165	26282	5.855	ng	# 21
66) 4-Bromophenyl-phenylether	10.78	248	11568	3.153	ng	# 1
76) Benizidine	13.06	184	12671	2.020	ng	# 94

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

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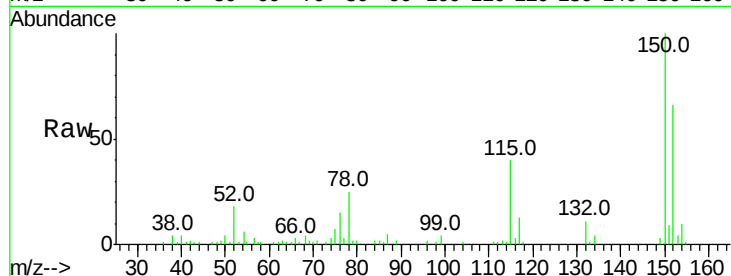


#1

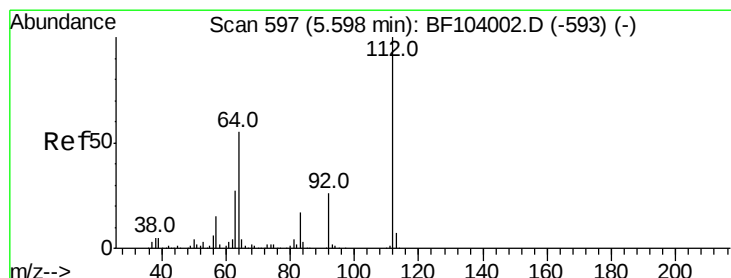
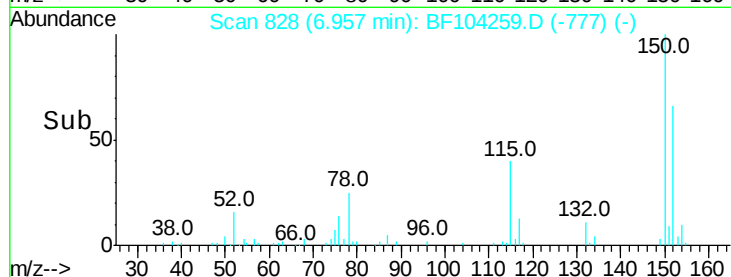
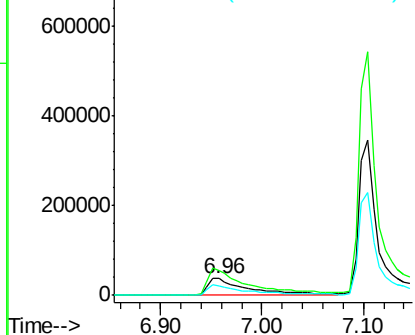
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF104259.D
Acq: 5 Apr 2018 7:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 110381
Ion Ratio Lower Upper
152 100
150 150.7 124.6 186.8
115 60.1 50.1 75.1



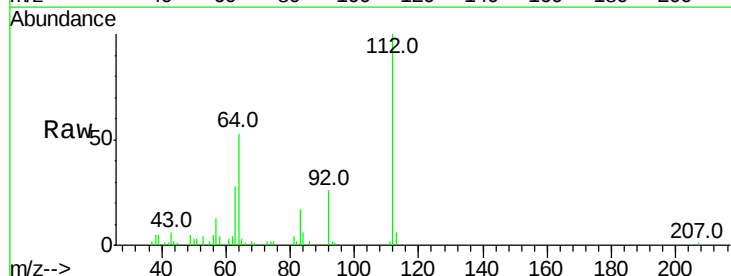
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



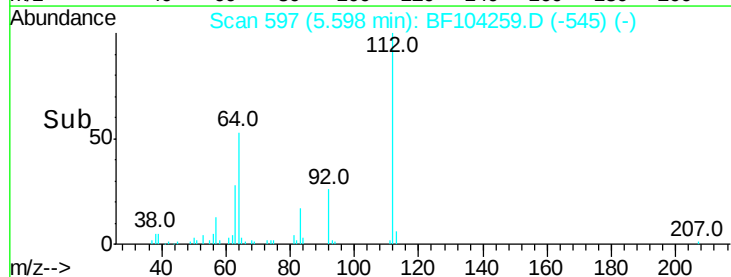
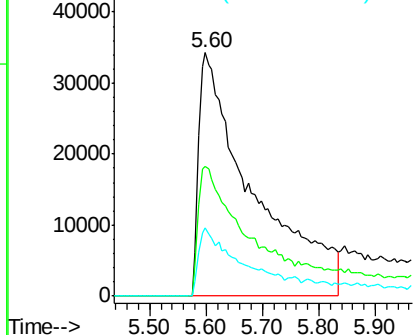
#5

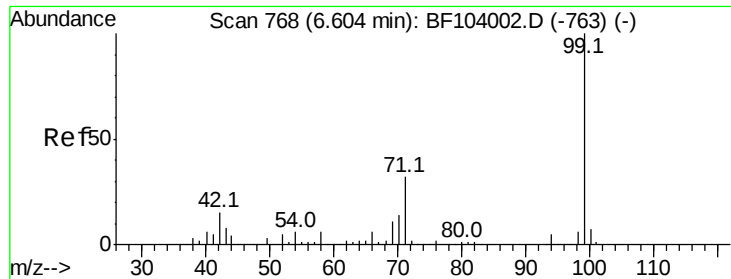
2-Fluorophenol
Concen: 33.025 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF104259.D
Acq: 5 Apr 2018 7:11

Tgt Ion:112 Resp: 228587
Ion Ratio Lower Upper
112 100
64 53.2 47.9 71.9
63 28.0 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: 23.363 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF104259.D

Acq: 5 Apr 2018 7:11

Instrument :

BNA_F

ClientSampleId :

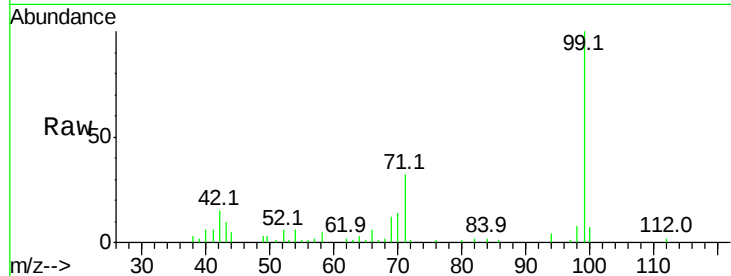
Tot Ion: 99 Resp: 198946

Ion Ratio Lower Upper

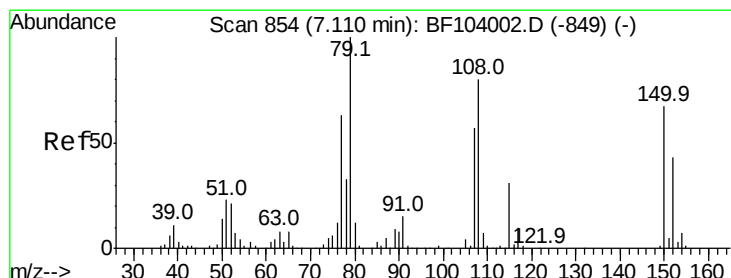
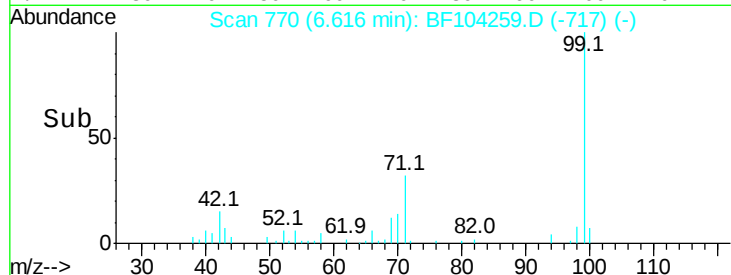
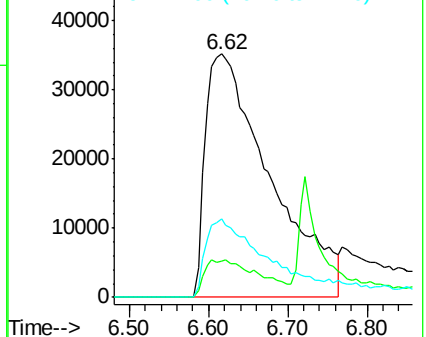
99 100

42 15.0 14.5 21.7

71 32.2 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



#15

Benzyl Alcohol

Concen: 2.312 ng

RT: 7.10 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF104259.D

Acq: 5 Apr 2018 7:11

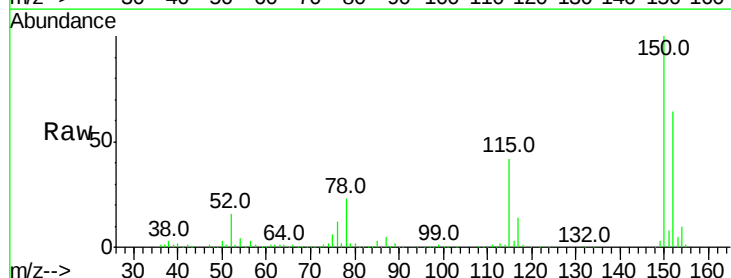
Tgt Ion: 79 Resp: 12799

Ion Ratio Lower Upper

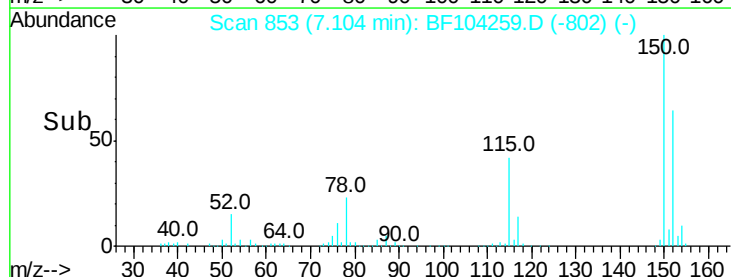
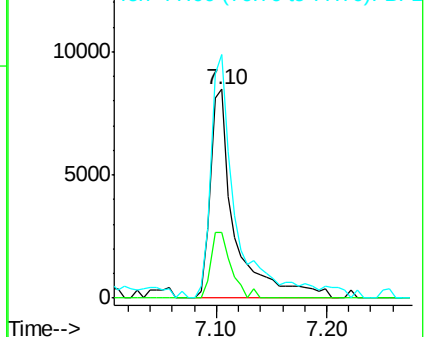
79 100

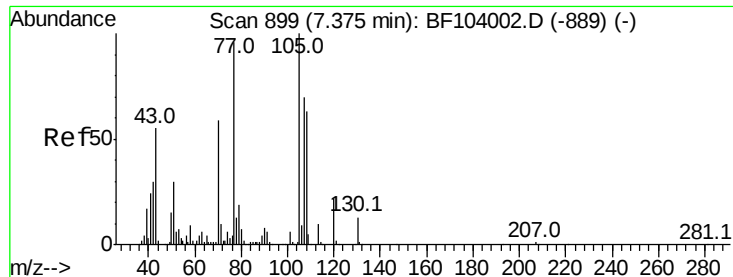
108 31.6 65.1 97.7#

77 116.8 50.6 75.8#



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

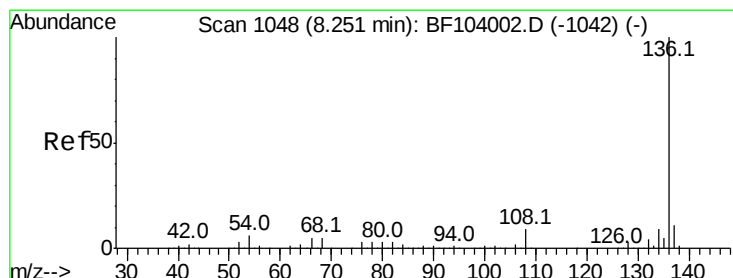
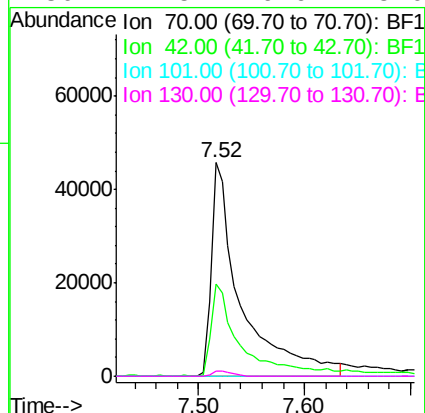
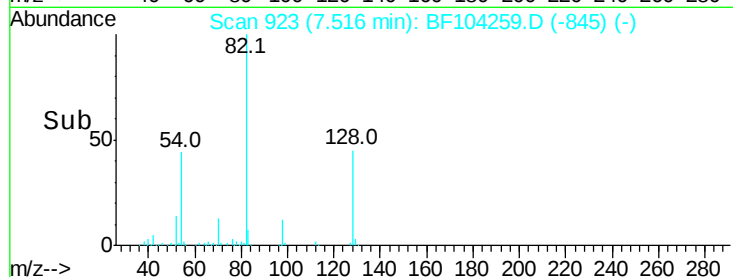
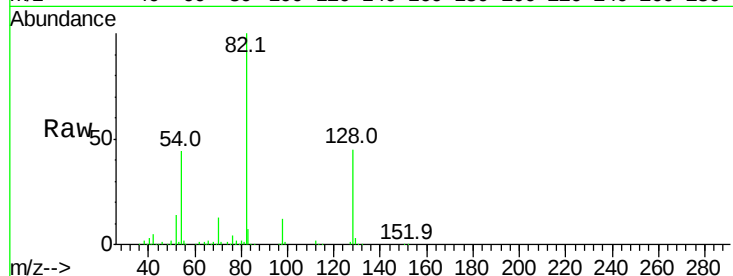




#19
n-Nitroso-di-n-propylamine
Concen: 17.826 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.16 min
Lab File: BF104259.D
Acq: 5 Apr 2018 7:11

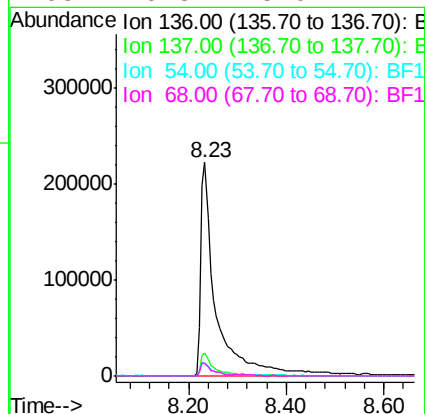
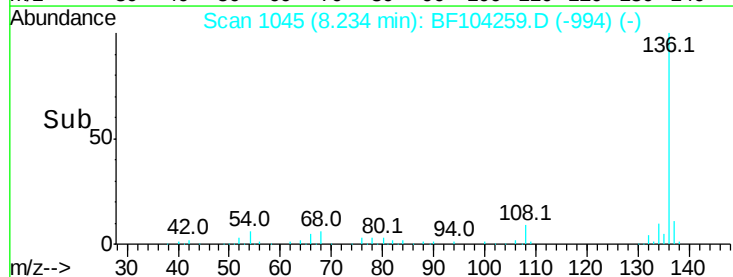
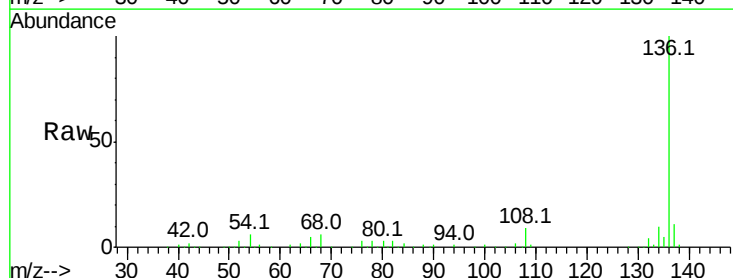
Instrument :
BNA_F
ClientSampleId :

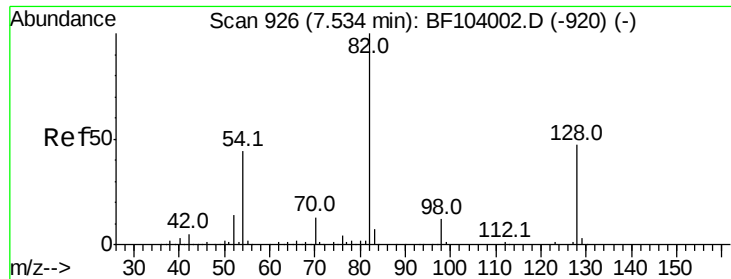
Tot Ion: 70 Resp: 90085
Ion Ratio Lower Upper
70 100
42 43.2 47.5 71.3#
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF104259.D
Acq: 5 Apr 2018 7:11

Tgt Ion: 136 Resp: 492040
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 6.3 6.6 9.8#
68 6.3 5.0 7.4

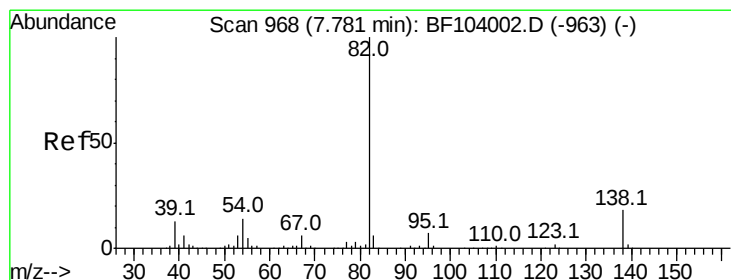
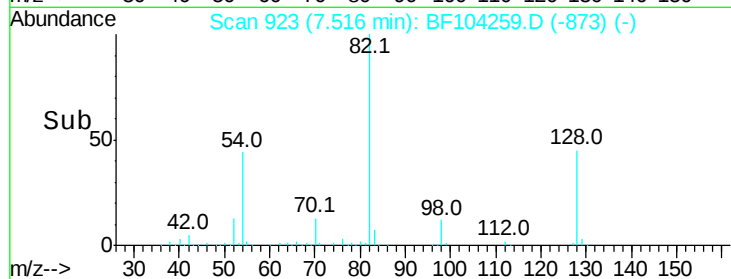
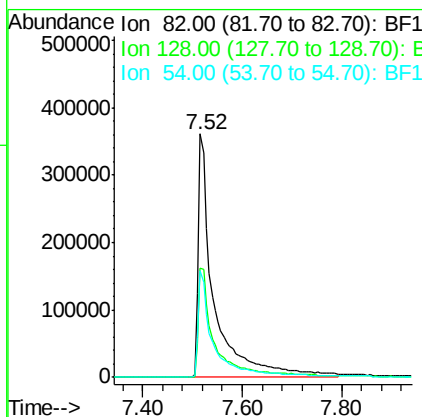
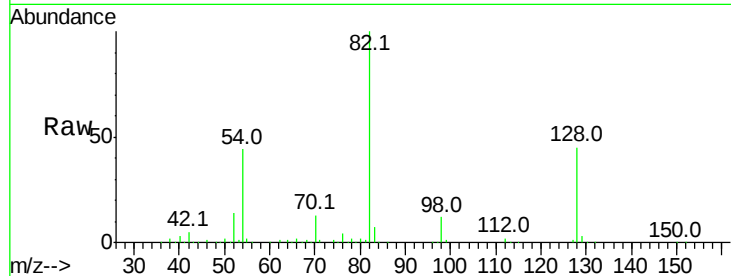




#23
 Nitrobenzene-d5
 Concen: 99.640 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BF104259.D
 Acq: 5 Apr 2018 7:11

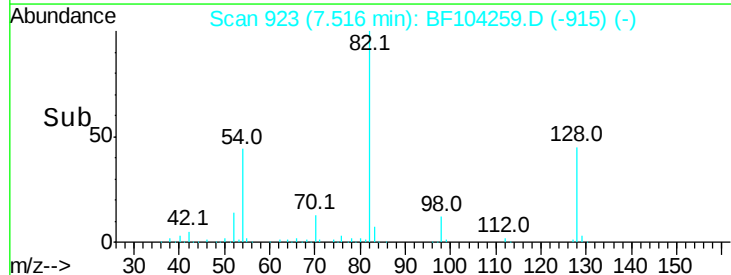
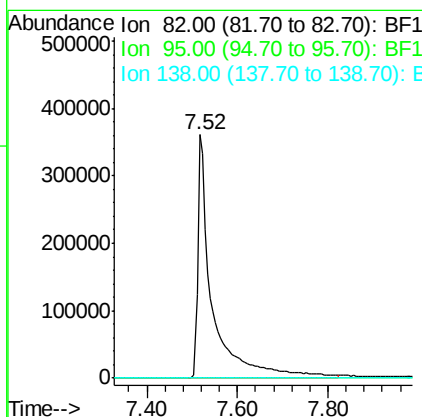
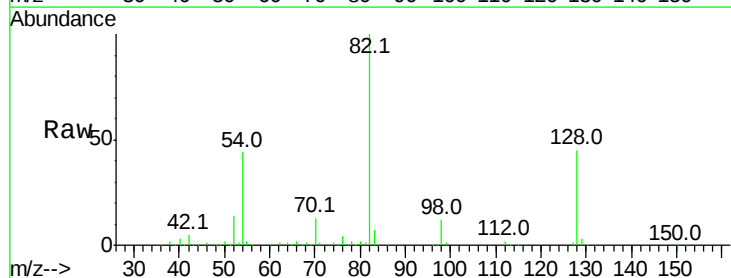
Instrument :
 BNA_F
 ClientSampled :

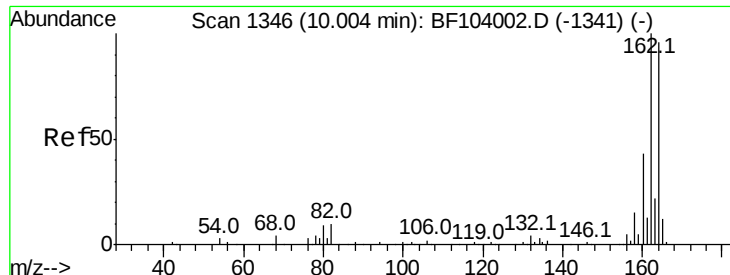
Tot Ion	82	Resp	801673
Ion Ratio	100	Lower	Upper
128	45.1	36.1	54.1
54	43.9	41.4	62.2



#25
 Isophorone
 Concen: 54.623 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.25 min
 Lab File: BF104259.D
 Acq: 5 Apr 2018 7:11

Tgt Ion	82	Resp	809917
Ion Ratio	100	Lower	Upper
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

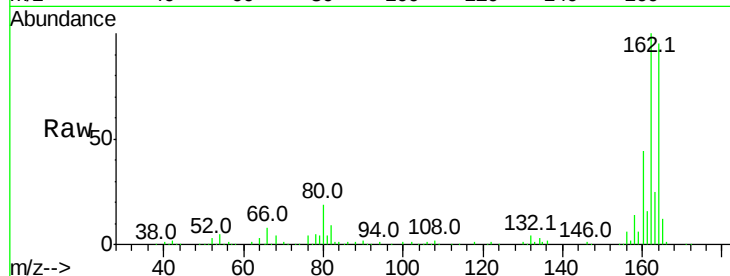




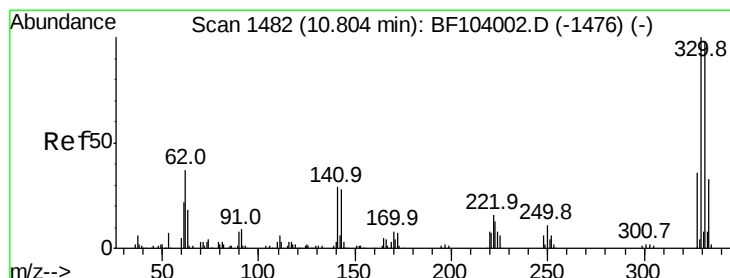
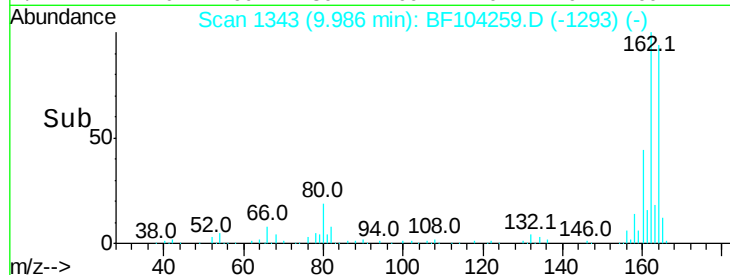
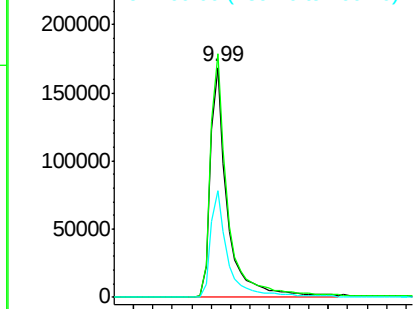
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: BF104259.D
 Acq: 5 Apr 2018 7:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 207114
 Ion Ratio Lower Upper
 164 100
 162 105.8 86.1 129.1
 160 46.5 38.3 57.5

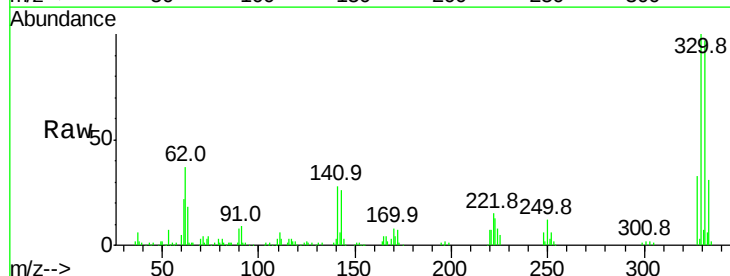


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

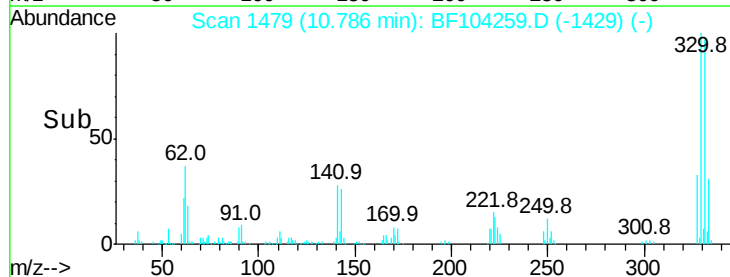
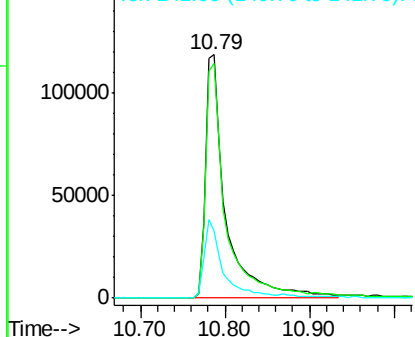


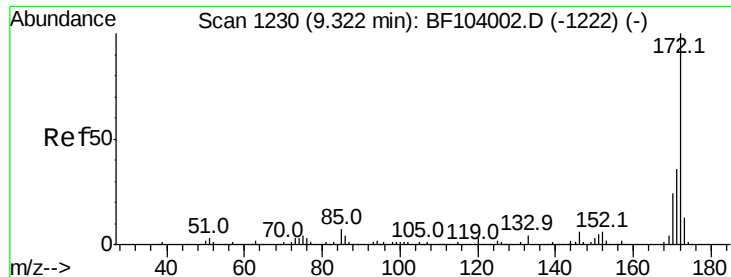
#41
 2,4,6-Tribromophenol
 Concen: 86.876 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF104259.D
 Acq: 5 Apr 2018 7:11

Tgt Ion:330 Resp: 200355
 Ion Ratio Lower Upper
 330 100
 332 98.9 77.0 115.6
 141 31.9 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



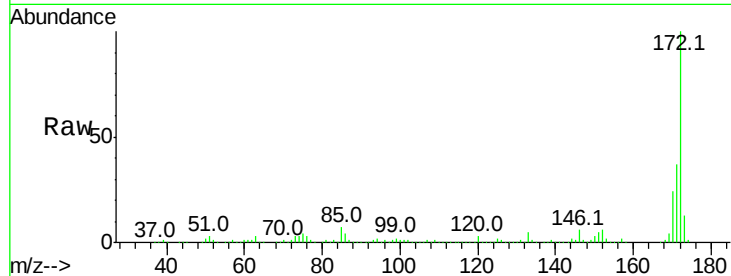


#44
 2-Fluorobiphenyl
 Concen: 113.478 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: BF104259.D
 Acq: 5 Apr 2018 7:11

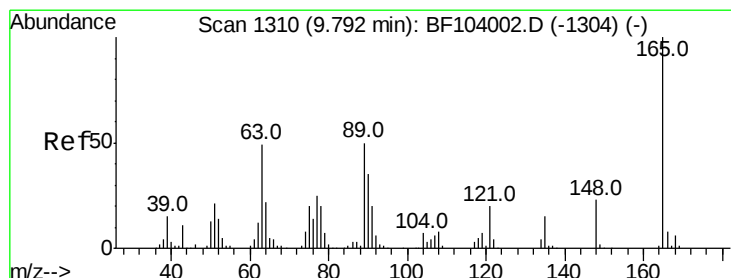
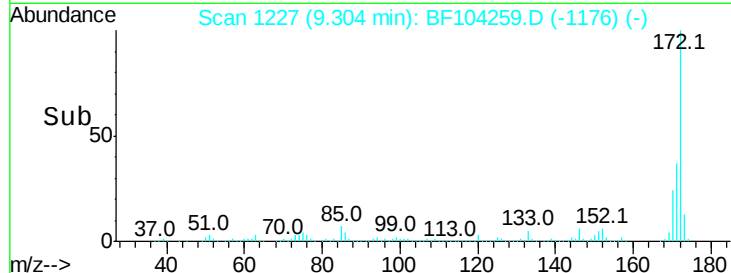
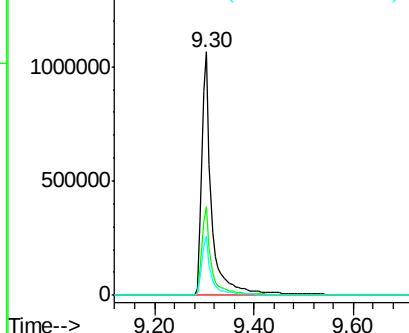
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1490428

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.2	19.6	29.4



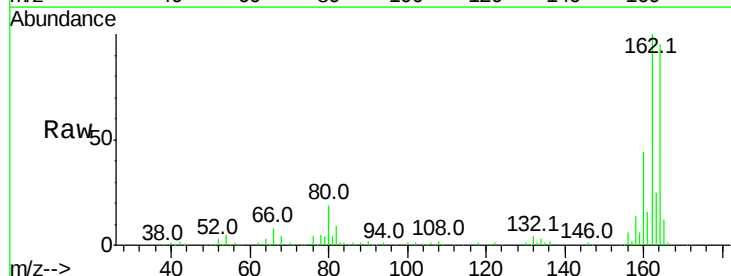
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



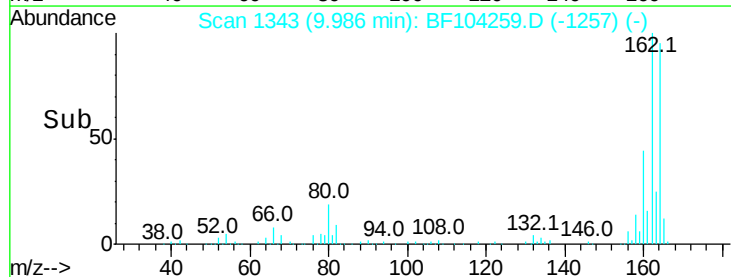
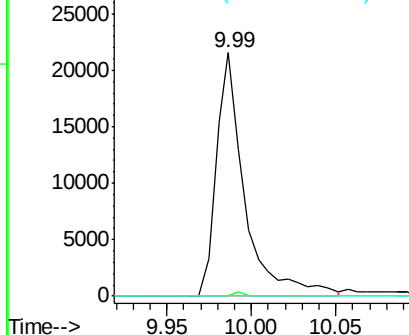
#50
 2,6-Dinitrotoluene
 Concen: 7.178 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.21 min
 Lab File: BF104259.D
 Acq: 5 Apr 2018 7:11

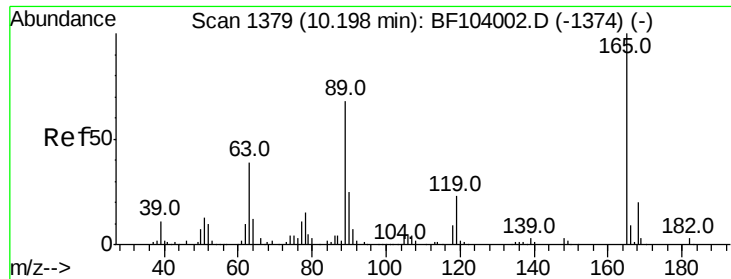
Tgt Ion:165 Resp: 25251

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	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

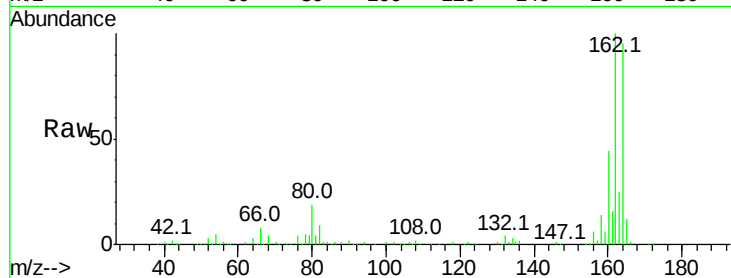




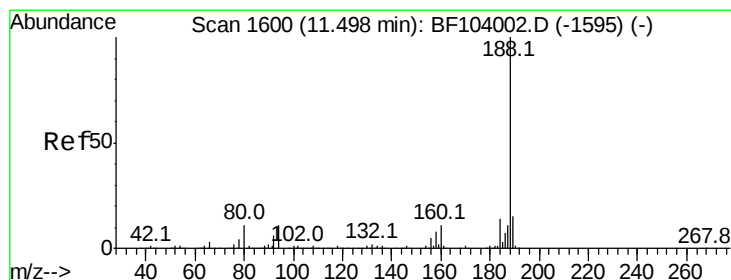
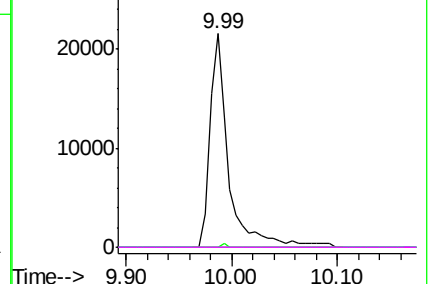
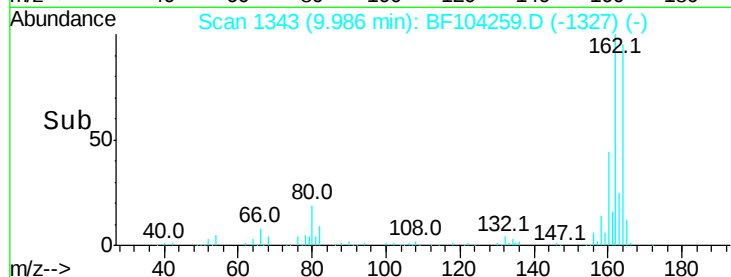
#56
2,4-Dinitrotoluene
Concen: 5.855 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.21 min
Lab File: BF104259.D
Acq: 5 Apr 2018 7:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 26282
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 0.0 57.8 86.6#
182 0.0 1.6 2.4#

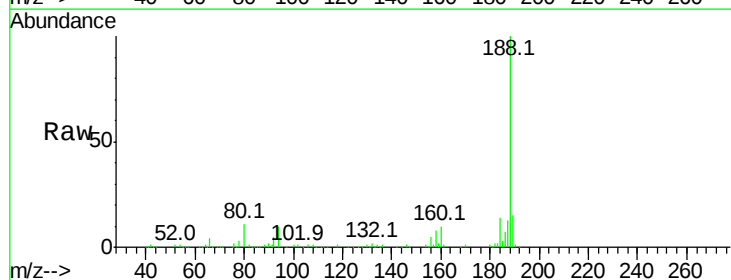


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

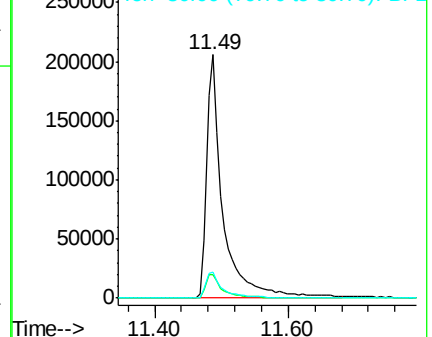
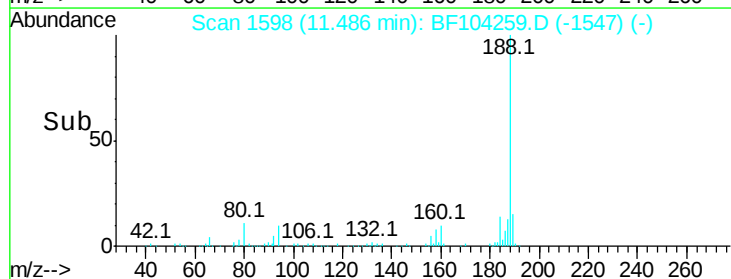


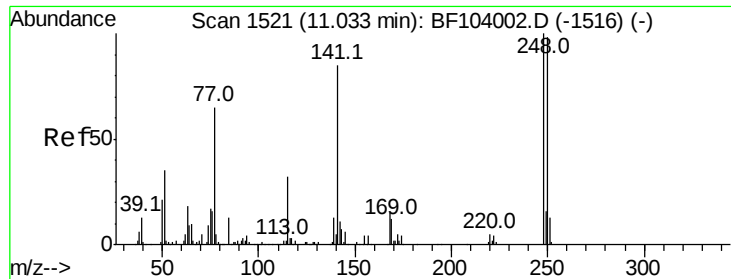
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BF104259.D
Acq: 5 Apr 2018 7:11

Tgt Ion:188 Resp: 342970
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 10.8 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

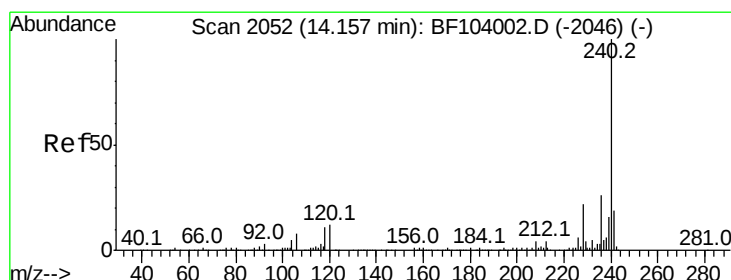
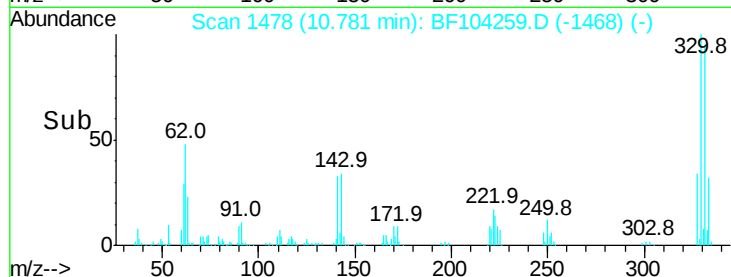
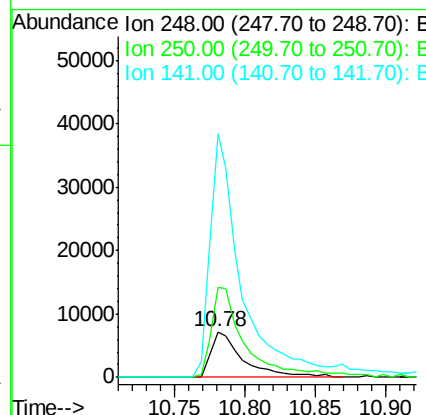
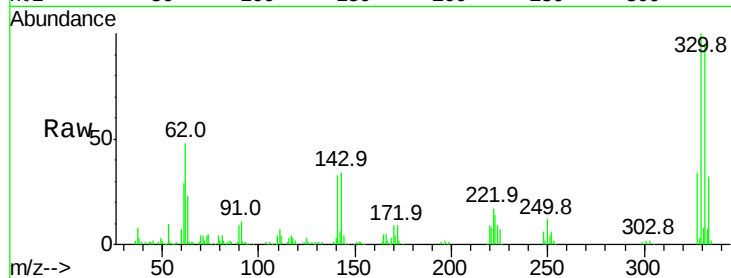




#66
 4-Bromophenyl-phenylether
 Concen: 3.153 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.24 min
 Lab File: BF104259.D
 Acq: 5 Apr 2018 7:11

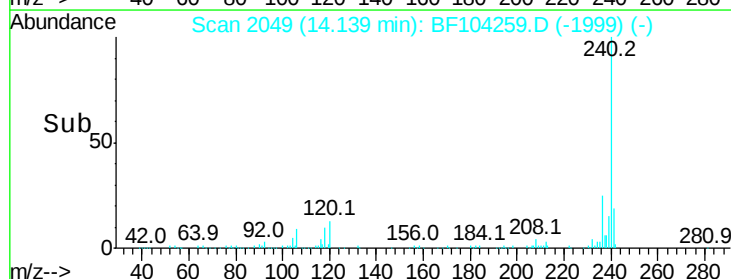
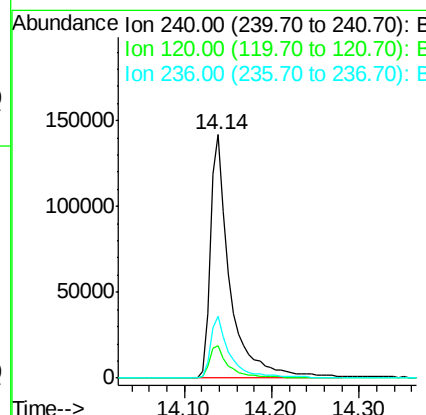
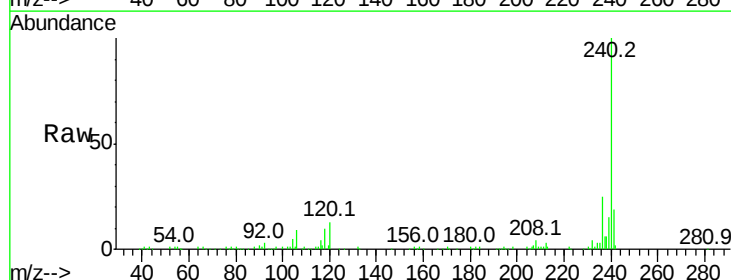
Instrument :
 BNA_F
 ClientSampleId :

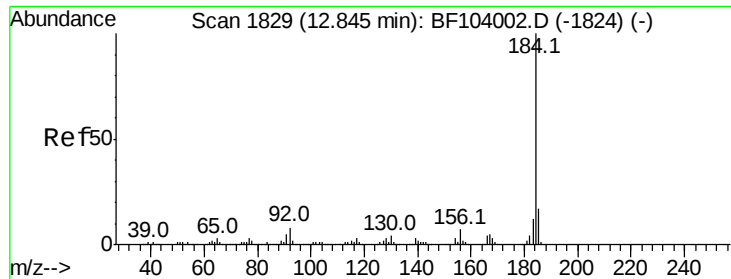
Tot Ion:248 Resp: 11568
 Ion Ratio Lower Upper
 248 100
 250 198.2 76.9 115.3#
 141 533.0 74.4 111.6#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2049
 Delta R.T. -0.01 min
 Lab File: BF104259.D
 Acq: 5 Apr 2018 7:11

Tgt Ion:240 Resp: 220151
 Ion Ratio Lower Upper
 240 100
 120 13.1 9.5 14.3
 236 25.3 20.7 31.1





#76

Benzidine

Concen: 2.020 ng

RT: 13.06 min Scan# 1866

Delta R.T. 0.22 min

Lab File: BF104259.D

Acq: 5 Apr 2018 7:11

Instrument :

BNA_F

ClientSampled :

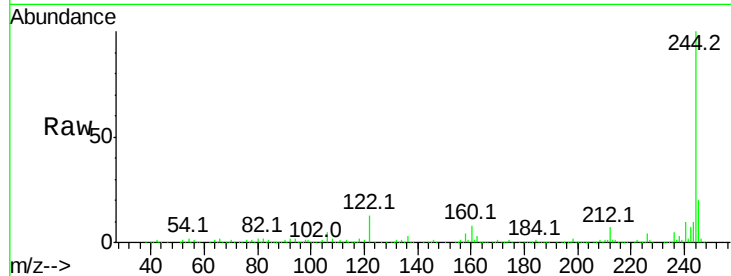
Tot Ion:184 Resp: 12671

Ion Ratio Lower Upper

184 100

185 17.1 12.6 18.8

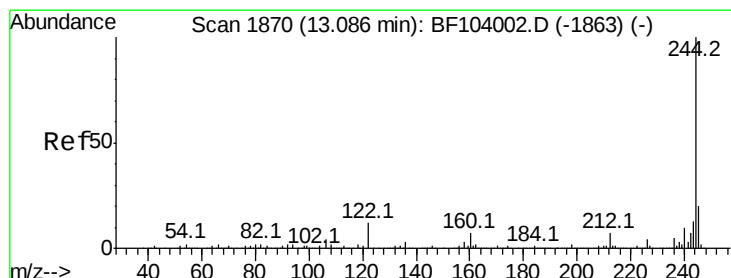
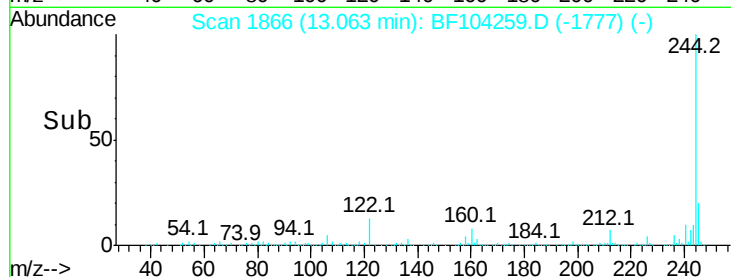
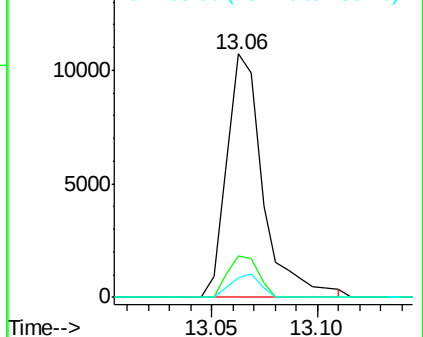
183 8.2 9.3 13.9#



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



#78

Terphenyl-d14

Concen: 110.770 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF104259.D

Acq: 5 Apr 2018 7:11

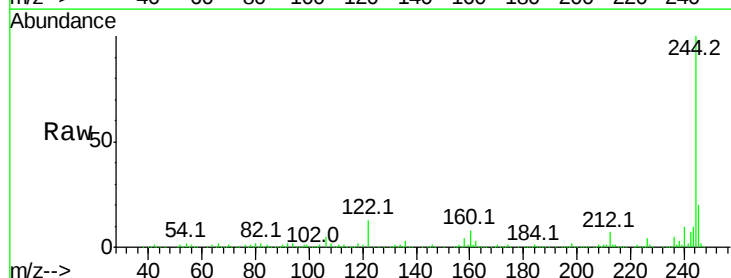
Tgt Ion:244 Resp: 1056151

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

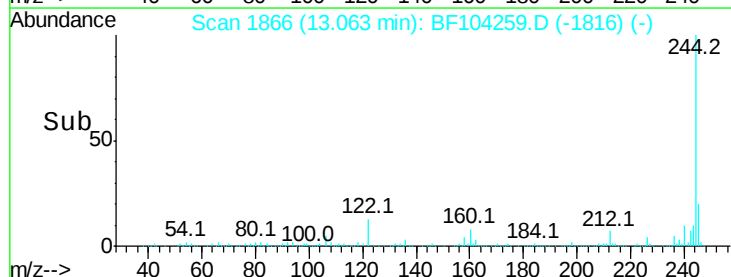
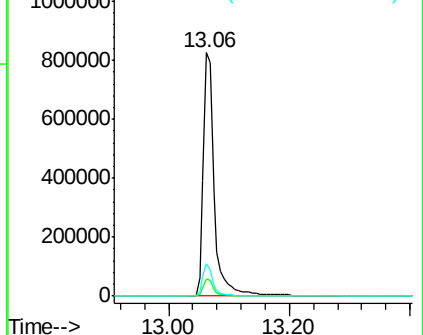
122 13.4 11.0 16.4

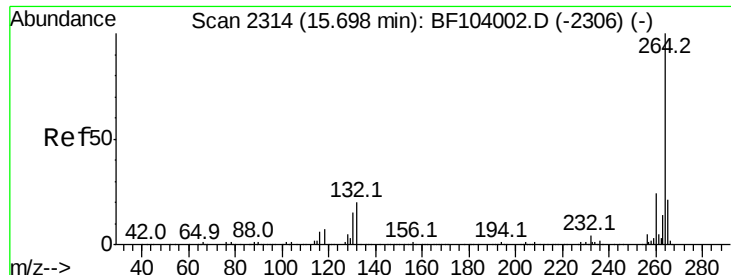


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

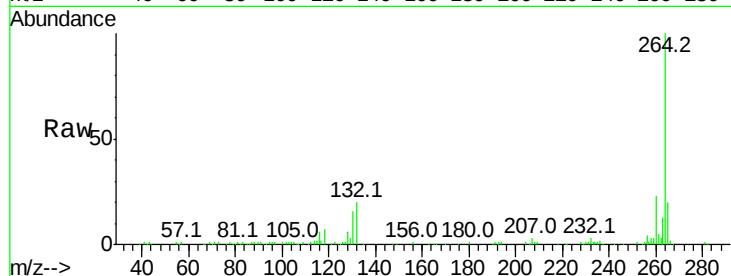




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2310
 Delta R.T. -0.01 min
 Lab File: BF104259.D
 Acq: 5 Apr 2018 7:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	20.0	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

