

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF120617\
 Data File : BF101185.D
 Acq On : 6 Dec 2017 23:07
 Operator : SJ/JU
 Sample : I6726-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 256434

Quant Time: Dec 07 01:33:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

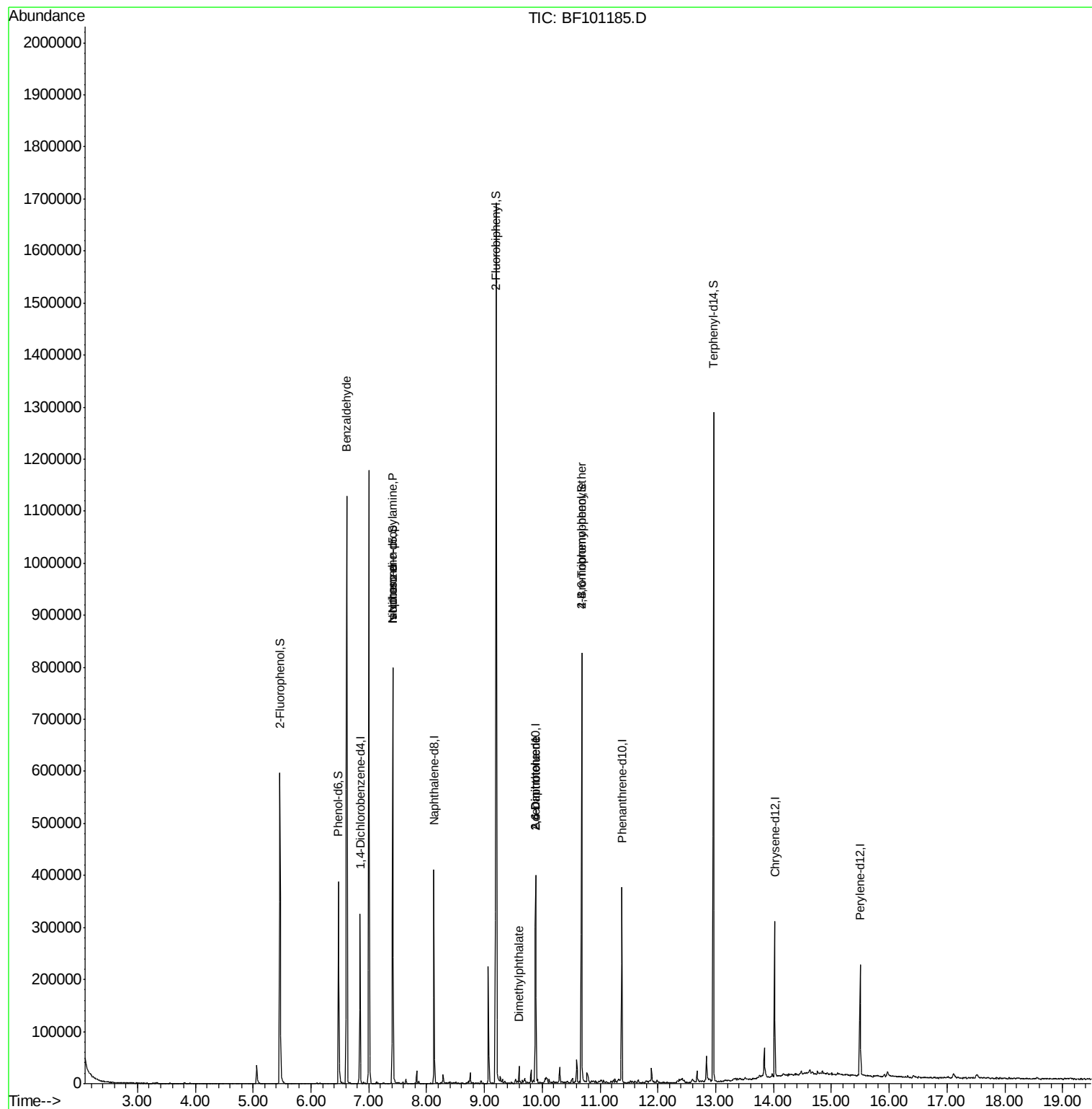
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	45814	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	174163	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	76498	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	126380	20.00	ng	0.00
75) Chrysene-d12	14.02	240	106451	20.00	ng	0.00
86) Perylene-d12	15.50	264	107699	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	164578	59.36	ng	0.00
7) Phenol-d6	6.47	99	120606	35.83	ng	0.00
23) Nitrobenzene-d5	7.42	82	254861	87.29	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	105484	114.79	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	553910	99.07	ng	0.00
78) Terphenyl-d14	12.96	244	434320	89.24	ng	0.00
Target Compounds						
9) Benzaldehyde	6.62	77	6372	3.093	ng	# 82
19) n-Nitroso-di-n-propylamine	7.42	70	33493	14.775	ng	# 79
25) Isophorone	7.42	82	254857	51.104	ng	# 64
49) Dimethylphthalate	9.60	163	13534	2.194	ng	# 99
50) 2,6-Dinitrotoluene	9.89	165	9588	7.379	ng	# 24
56) 2,4-Dinitrotoluene	9.89	165	9588	5.506	ng	# 21
66) 4-Bromophenyl-phenylether	10.68	248	6720	4.750	ng	# 1

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

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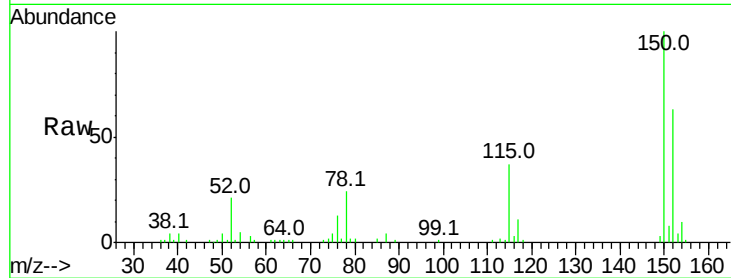


#1

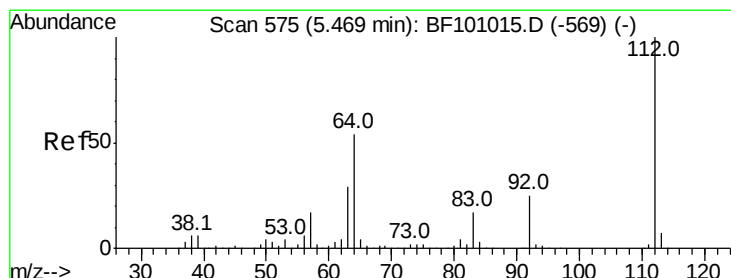
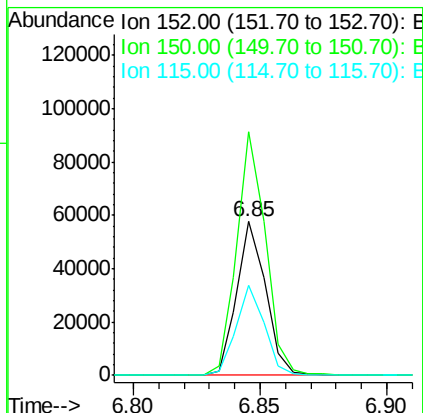
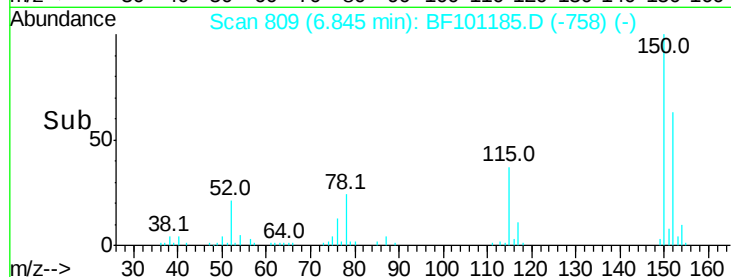
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101185.D
Acq: 6 Dec 2017 23:07

Instrument :
BNA_F
ClientSampleId :
256434

Tot Ion:152 Resp: 45814
Ion Ratio Lower Upper
152 100
150 158.7 124.6 186.8
115 59.0 50.1 75.1



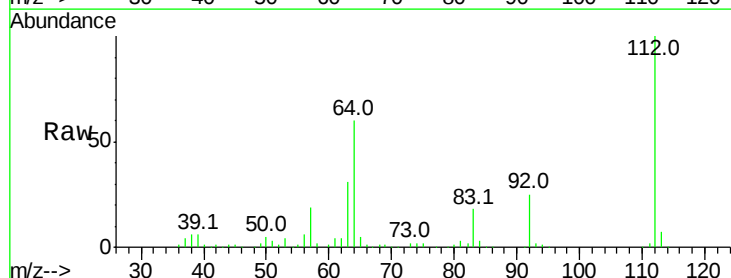
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



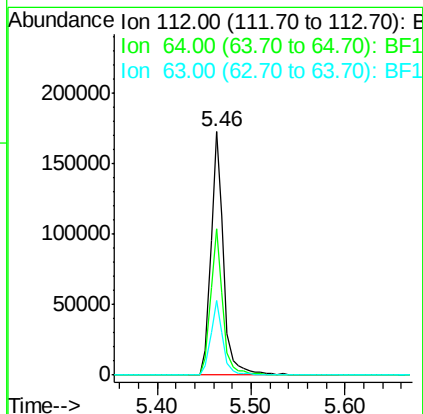
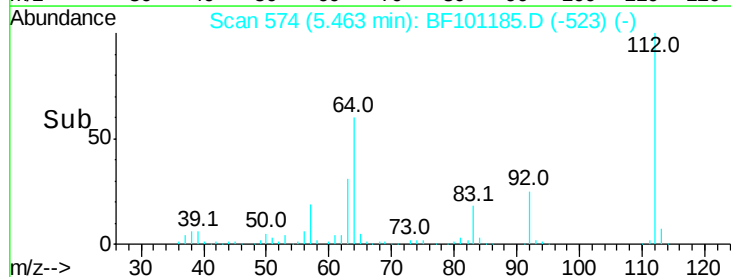
#5

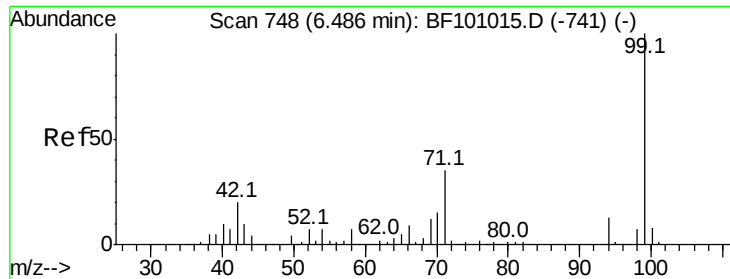
2-Fluorophenol
Concen: 59.361 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF101185.D
Acq: 6 Dec 2017 23:07

Tgt Ion:112 Resp: 164578
Ion Ratio Lower Upper
112 100
64 60.0 47.9 71.9
63 30.5 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: 35.830 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF101185.D

Acq: 6 Dec 2017 23:07

Instrument :

BNA_F

ClientSampleId :

256434

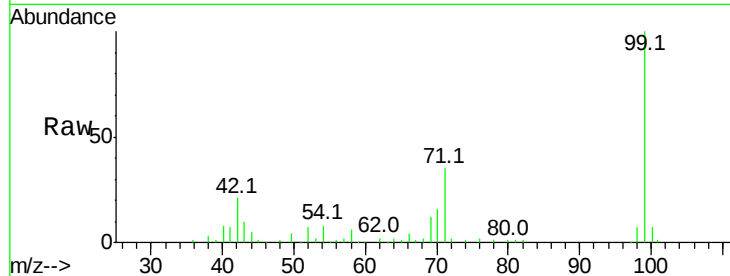
Tot Ion: 99 Resp: 120606

Ion Ratio Lower Upper

99 100

42 20.5 14.5 21.7

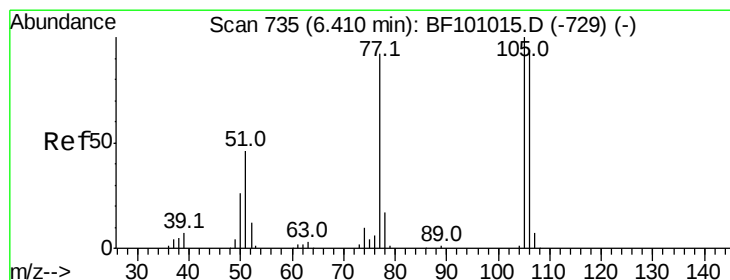
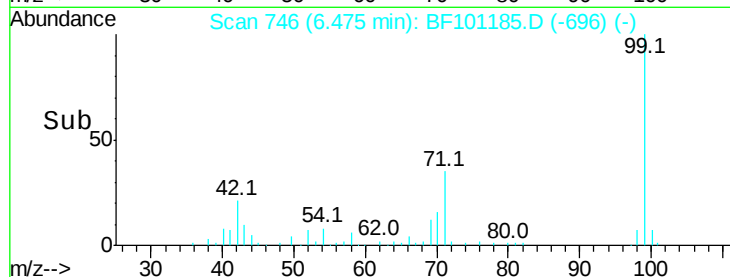
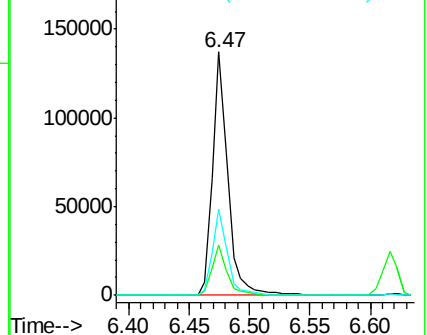
71 35.2 25.4 38.0



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



#9

Benzaldehyde

Concen: 3.093 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.21 min

Lab File: BF101185.D

Acq: 6 Dec 2017 23:07

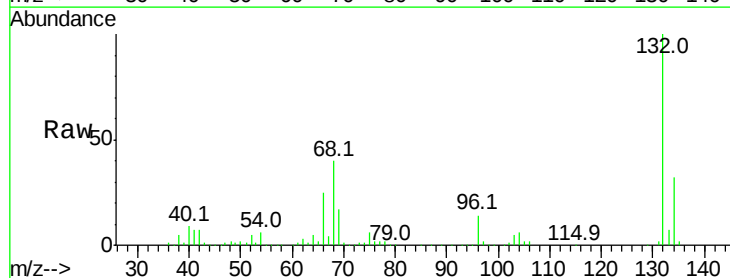
Tgt Ion: 77 Resp: 6372

Ion Ratio Lower Upper

77 100

105 78.9 81.1 121.1#

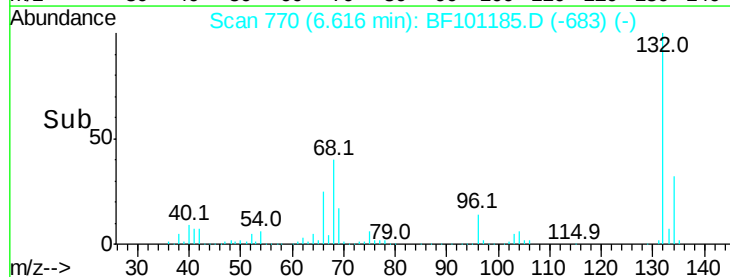
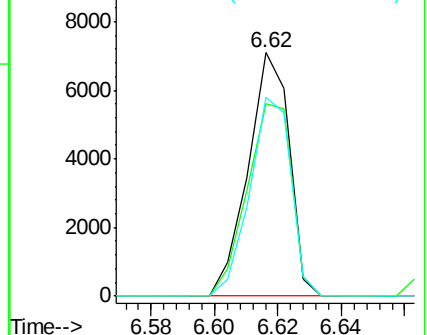
106 81.9 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

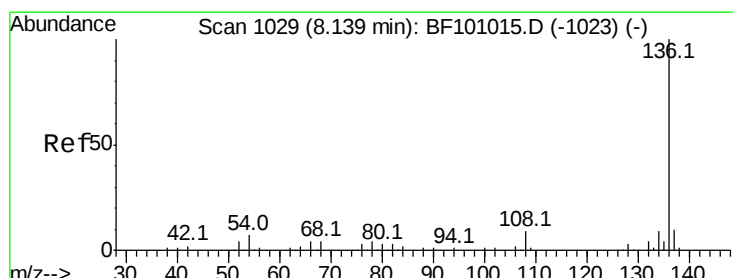
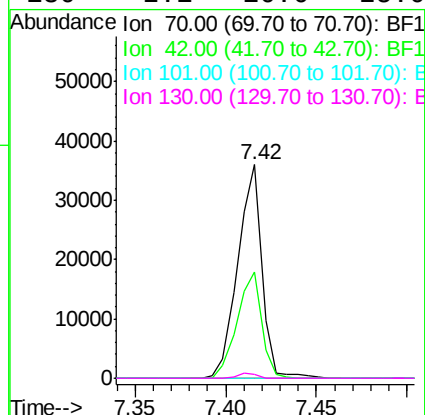
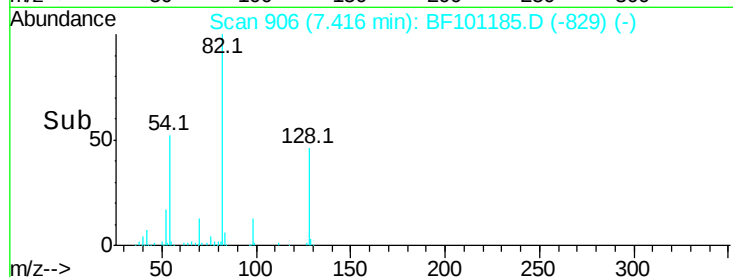
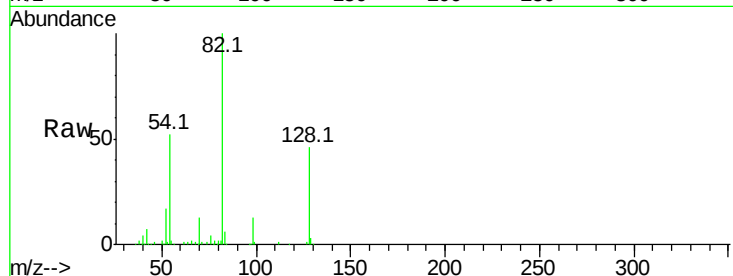




#19
n-Nitroso-di-n-propylamine
Concen: 14.775 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF101185.D
Acq: 6 Dec 2017 23:07

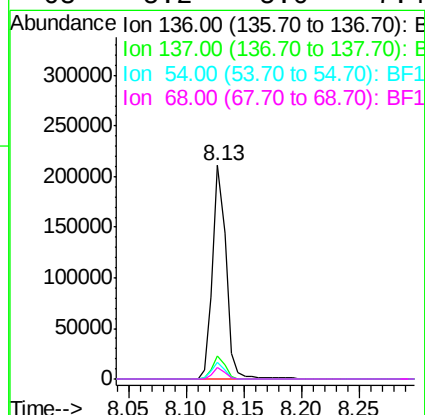
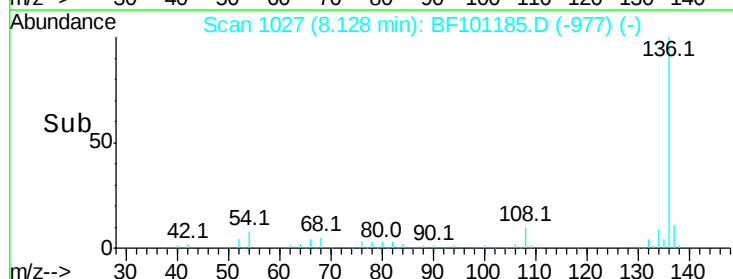
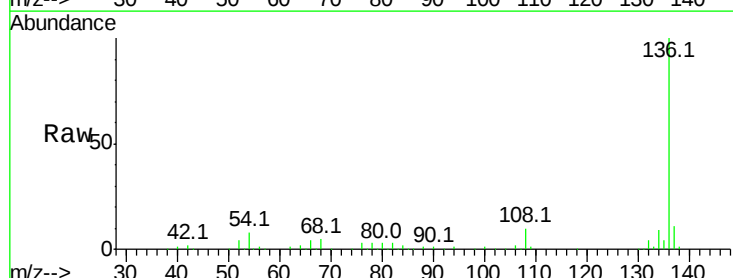
Instrument :
BNA_F
ClientSampled :
256434

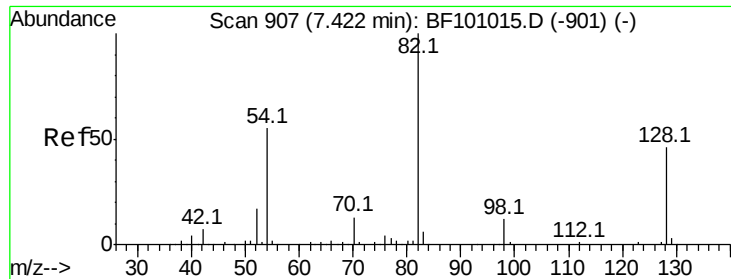
Tot Ion: 70 Resp: 33493
Ion Ratio Lower Upper
70 100
42 49.5 47.5 71.3
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101185.D
Acq: 6 Dec 2017 23:07

Tgt Ion:136 Resp: 174163
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.6 6.6 9.8
68 5.2 5.0 7.4

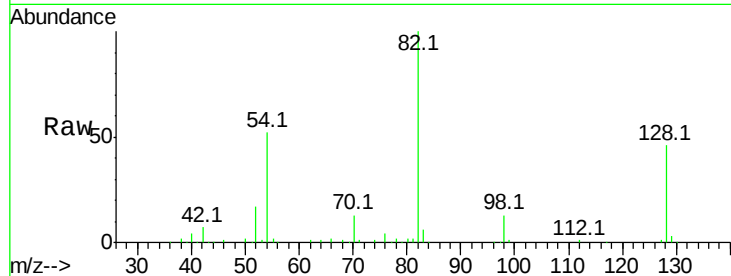




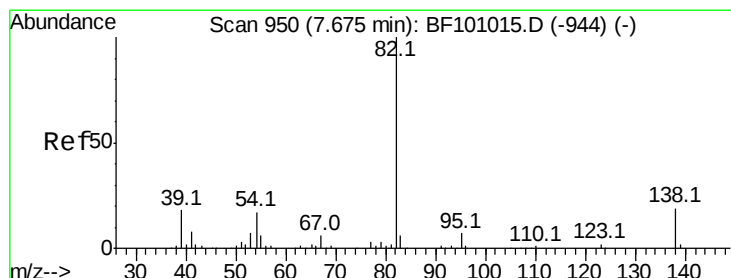
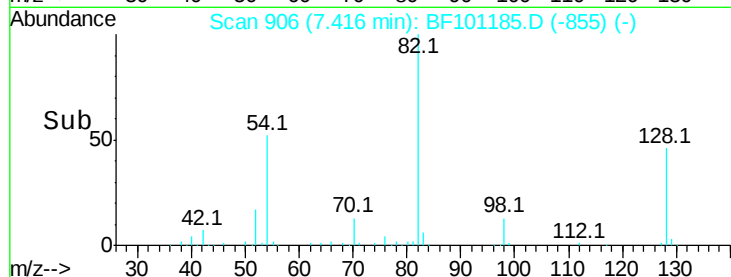
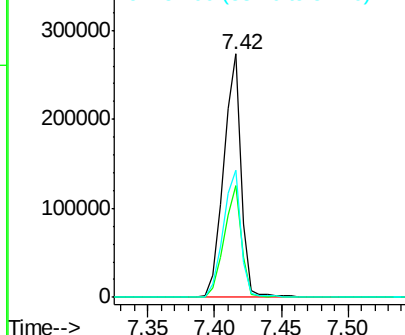
#23
Nitrobenzene-d5
Concen: 87.293 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF101185.D
Acq: 6 Dec 2017 23:07

Instrument :
BNA_F
ClientSampleId :
256434

Tot Ion: 82 Resp: 254861
Ion Ratio Lower Upper
82 100
128 45.7 36.1 54.1
54 52.1 41.4 62.2

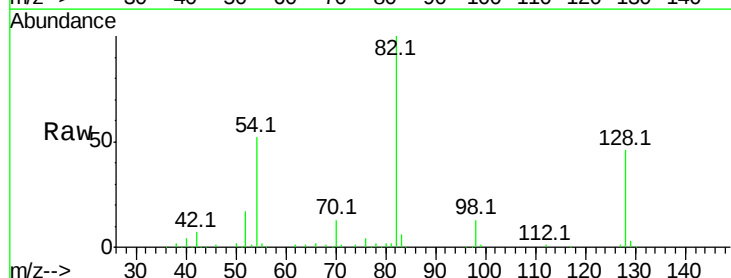


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

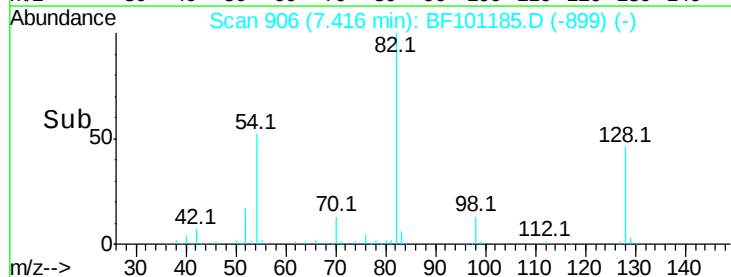
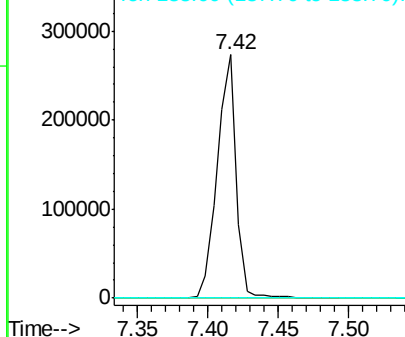


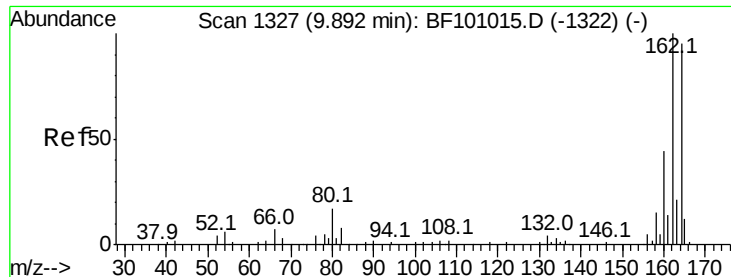
#25
Isophorone
Concen: 51.104 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF101185.D
Acq: 6 Dec 2017 23:07

Tgt Ion: 82 Resp: 254857
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

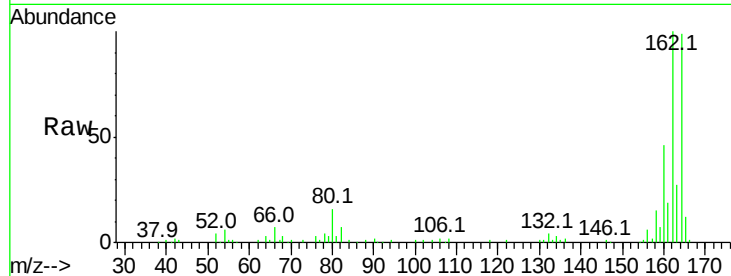




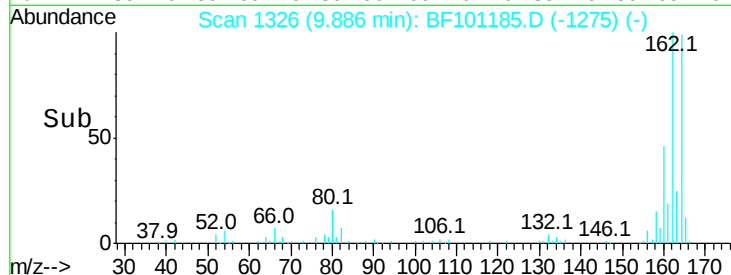
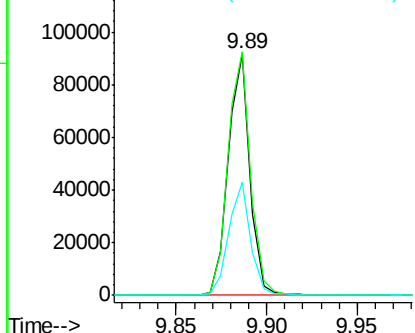
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF101185.D
 Acq: 6 Dec 2017 23:07

Instrument :
 BNA_F
 ClientSampleId :
 256434

Tot Ion:164 Resp: 76498
 Ion Ratio Lower Upper
 164 100
 162 100.8 86.1 129.1
 160 46.7 38.3 57.5

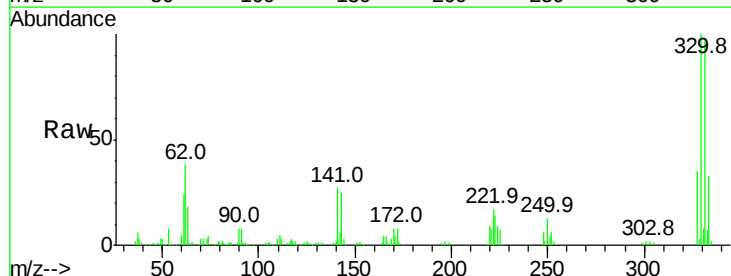


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

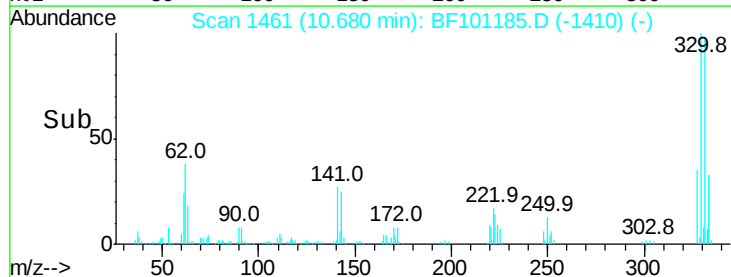
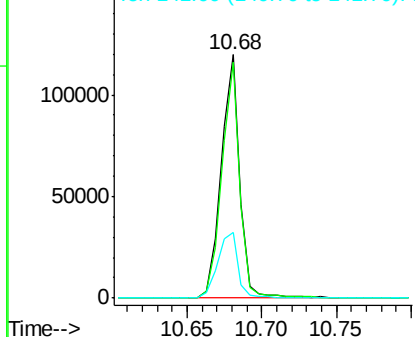


#41
 2,4,6-Tribromophenol
 Concen: 114.786 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: BF101185.D
 Acq: 6 Dec 2017 23:07

Tgt Ion:330 Resp: 105484
 Ion Ratio Lower Upper
 330 100
 332 94.4 77.0 115.6
 141 29.2 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

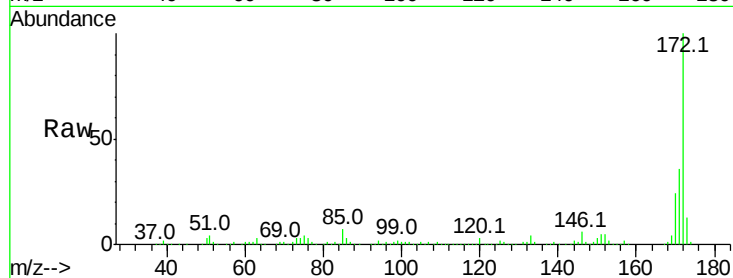




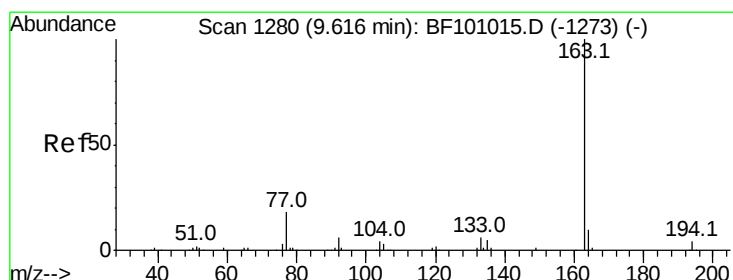
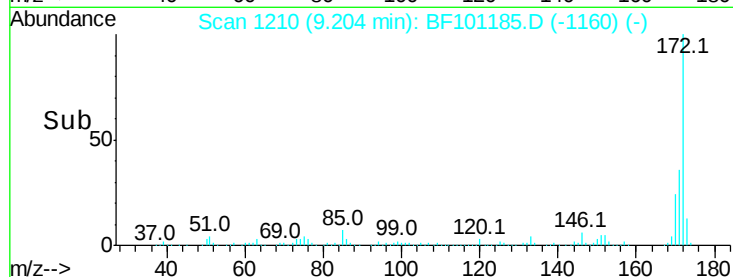
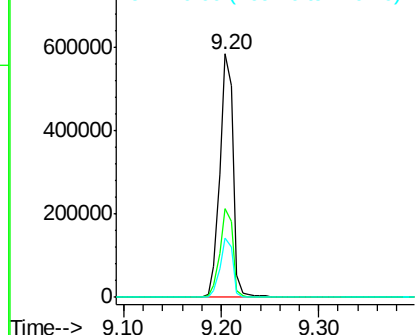
#44
2-Fluorobiphenyl
Concen: 99.069 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101185.D
Acq: 6 Dec 2017 23:07

Instrument :
BNA_F
ClientSampleId :
256434

Tot Ion:172 Resp: 553910
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 24.2 19.6 29.4

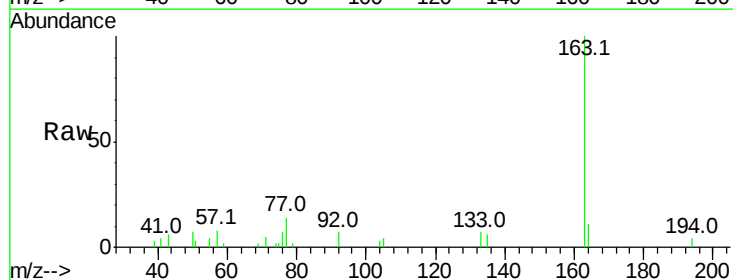


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

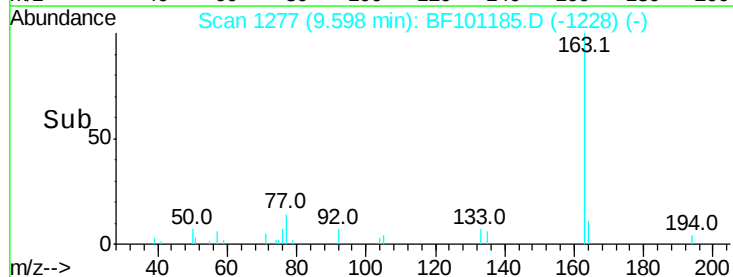
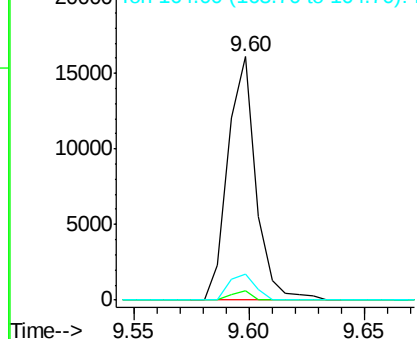


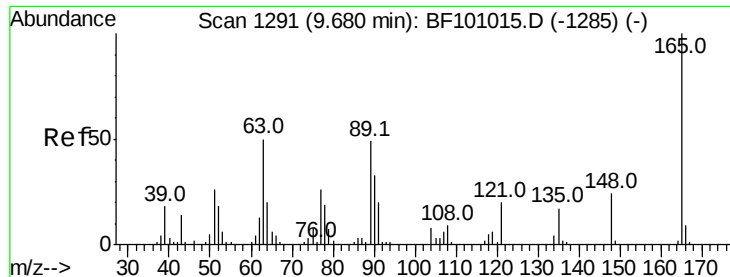
#49
Dimethylphthalate
Concen: 2.194 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF101185.D
Acq: 6 Dec 2017 23:07

Tgt Ion:163 Resp: 13534
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.6 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

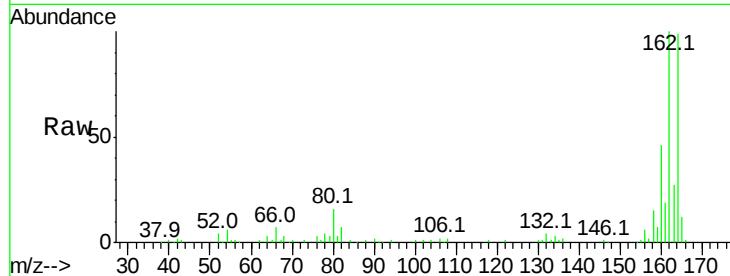




#50
 2,6-Dinitrotoluene
 Concen: 7.379 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.21 min
 Lab File: BF101185.D
 Acq: 6 Dec 2017 23:07

Instrument :
 BNA_F
 ClientSampleId :
 256434

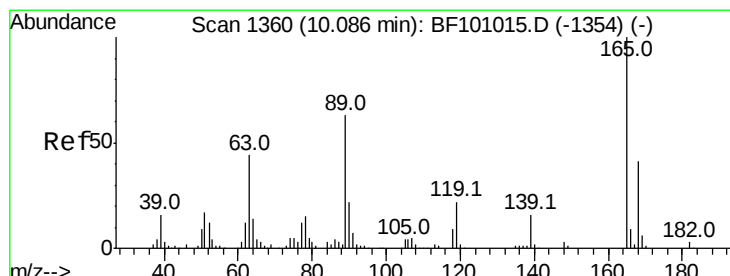
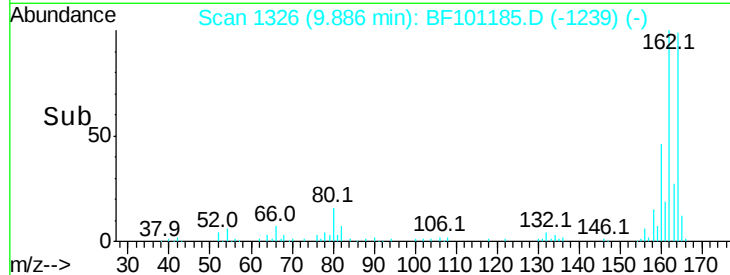
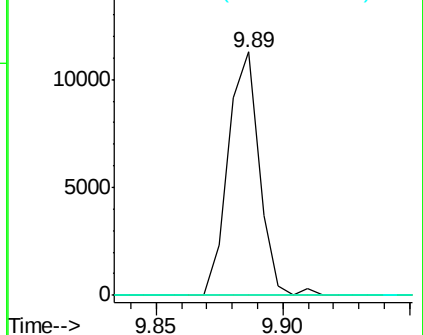
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

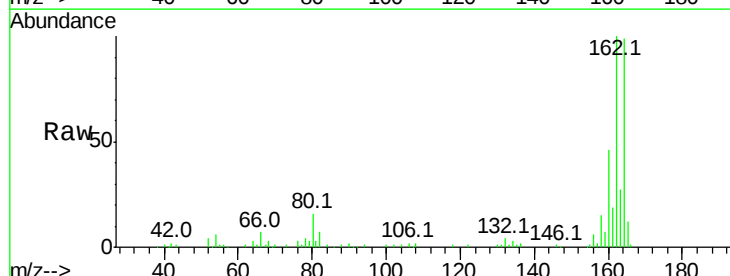
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#56
 2,4-Dinitrotoluene
 Concen: 5.506 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.19 min
 Lab File: BF101185.D
 Acq: 6 Dec 2017 23:07

Tgt 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#

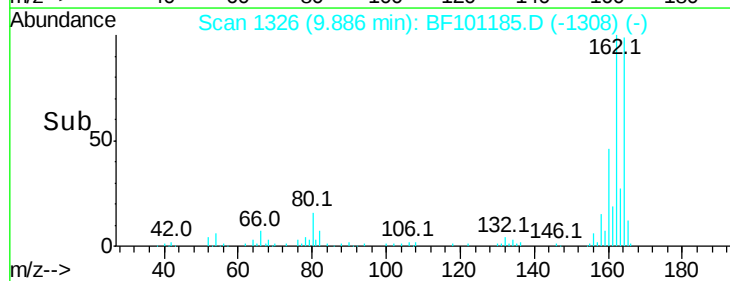
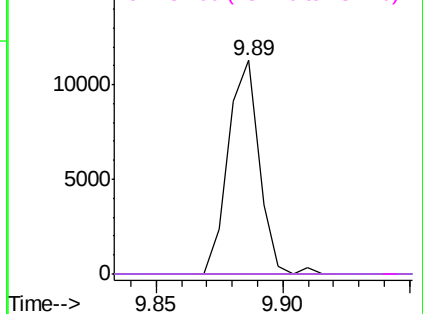


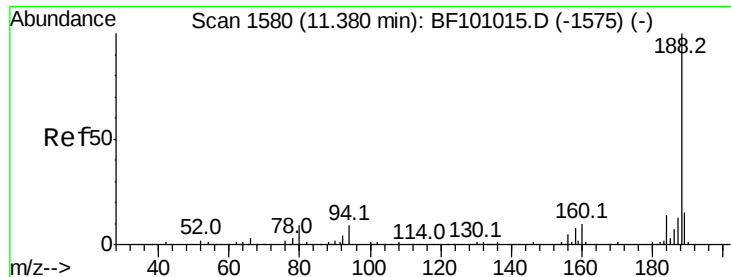
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.37 min Scan# 1579

Delta R.T. 0.00 min

Lab File: BF101185.D

Acq: 6 Dec 2017 23:07

Instrument :

BNA_F

ClientSampleId :

256434

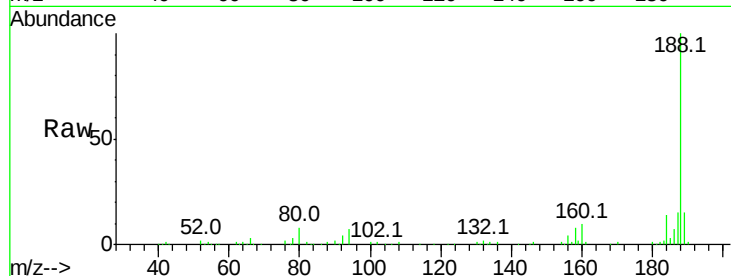
Tot Ion:188 Resp: 126380

Ion Ratio Lower Upper

188 100

94 7.3 8.5 12.7#

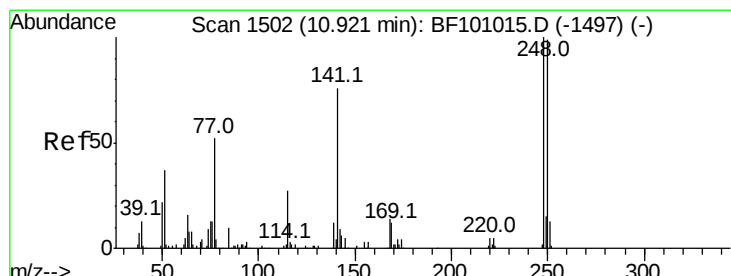
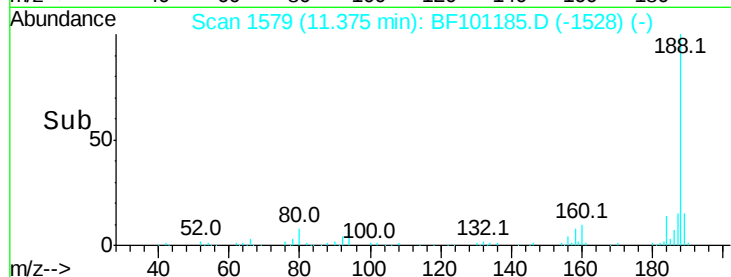
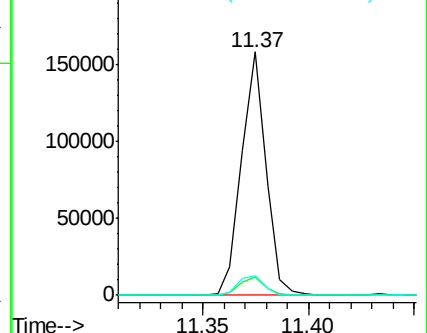
80 8.2 9.2 13.8#



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: 4.750 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.23 min

Lab File: BF101185.D

Acq: 6 Dec 2017 23:07

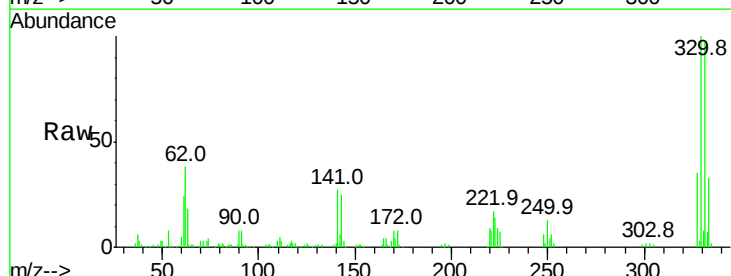
Tgt Ion:248 Resp: 6720

Ion Ratio Lower Upper

248 100

250 206.2 76.9 115.3#

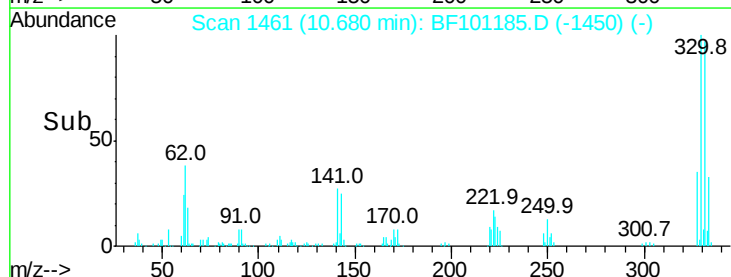
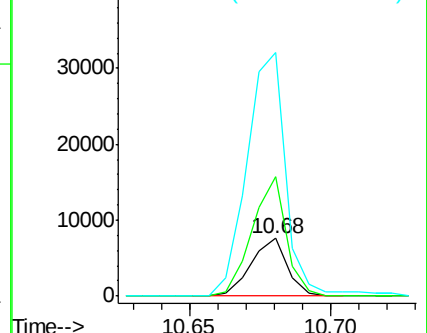
141 420.2 74.4 111.6#

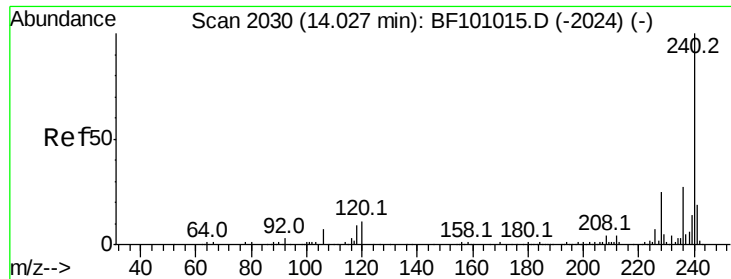


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

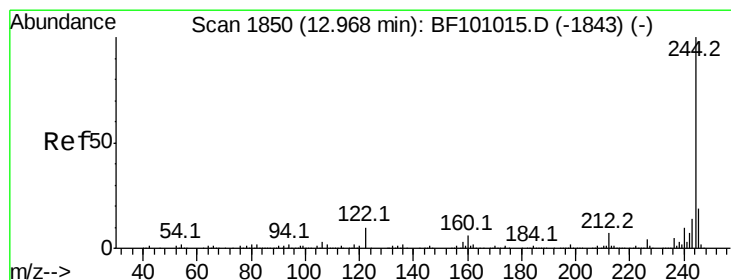
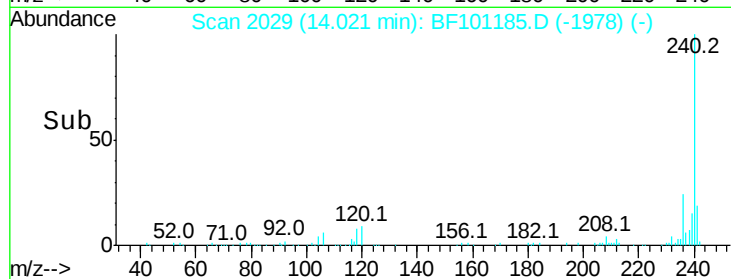
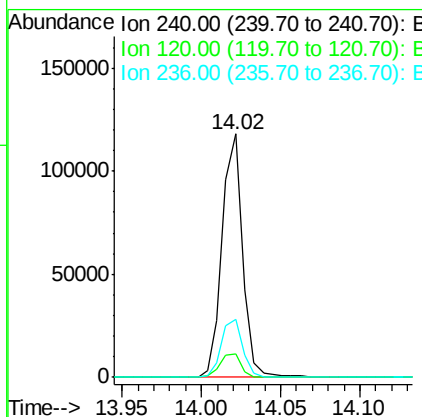
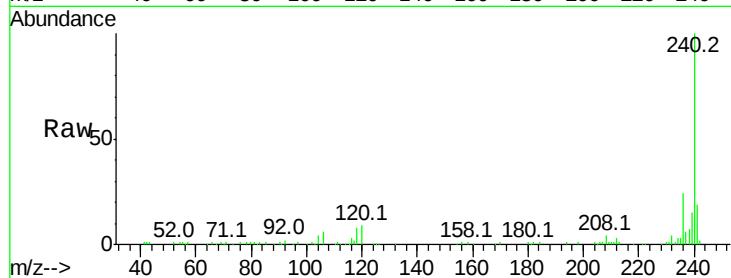




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.00 min
 Lab File: BF101185.D
 Acq: 6 Dec 2017 23:07

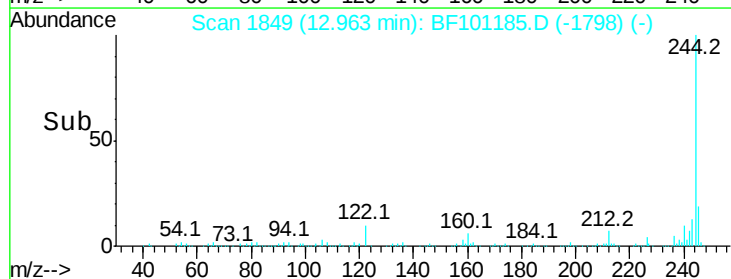
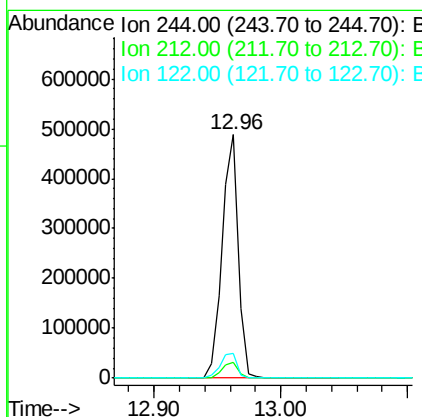
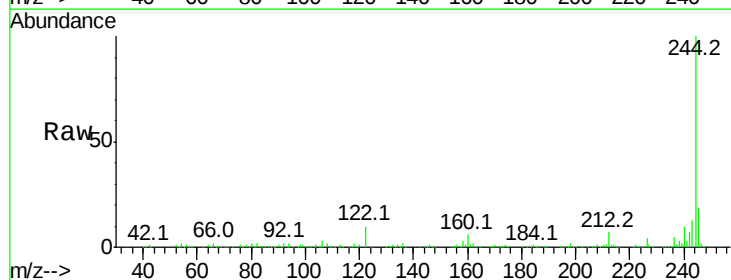
Instrument :
 BNA_F
 ClientSampleId :
 256434

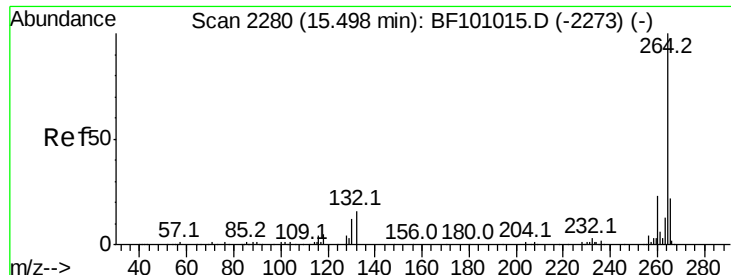
Tot Ion:240 Resp: 106451
 Ion Ratio Lower Upper
 240 100
 120 9.4 9.5 14.3#
 236 23.9 20.7 31.1



#78
 Terphenyl-d14
 Concen: 89.240 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.00 min
 Lab File: BF101185.D
 Acq: 6 Dec 2017 23:07

Tgt Ion:244 Resp: 434320
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 10.1 11.0 16.4#



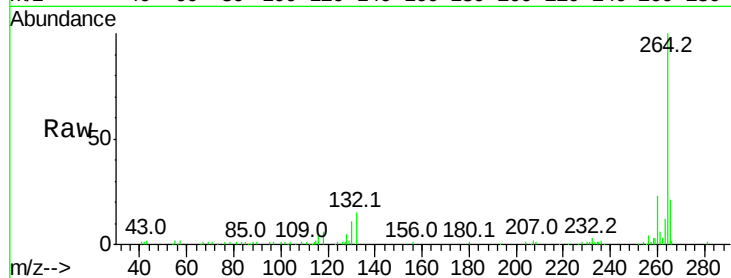


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF101185.D
Acq: 6 Dec 2017 23:07

Instrument :
BNA_F
ClientSampleId :
256434

Tot Ion:264 Resp: 107699

Ion	Ratio	Lower	Upper
264	100		
260	23.5	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

