

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110617\
 Data File : BF100257.D
 Acq On : 6 Nov 2017 18:12
 Operator : SJ/JU
 Sample : I6305-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 07 00:17:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 06 13:31:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	90126	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	380845	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	176103	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	329343	20.00	ng	0.00
75) Chrysene-d12	13.94	240	188178	20.00	ng	0.00
86) Perylene-d12	15.40	264	144012	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	666095	116.03	ng	0.02
7) Phenol-d6	6.42	99	726066	106.67	ng	0.00
23) Nitrobenzene-d5	7.33	82	494847	83.65	ng	0.00
41) 2,4,6-Tribromophenol	10.59	330	208789	130.10	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	998128	87.45	ng	0.00
78) Terphenyl-d14	12.87	244	881354	102.35	ng	0.00

Target Compounds

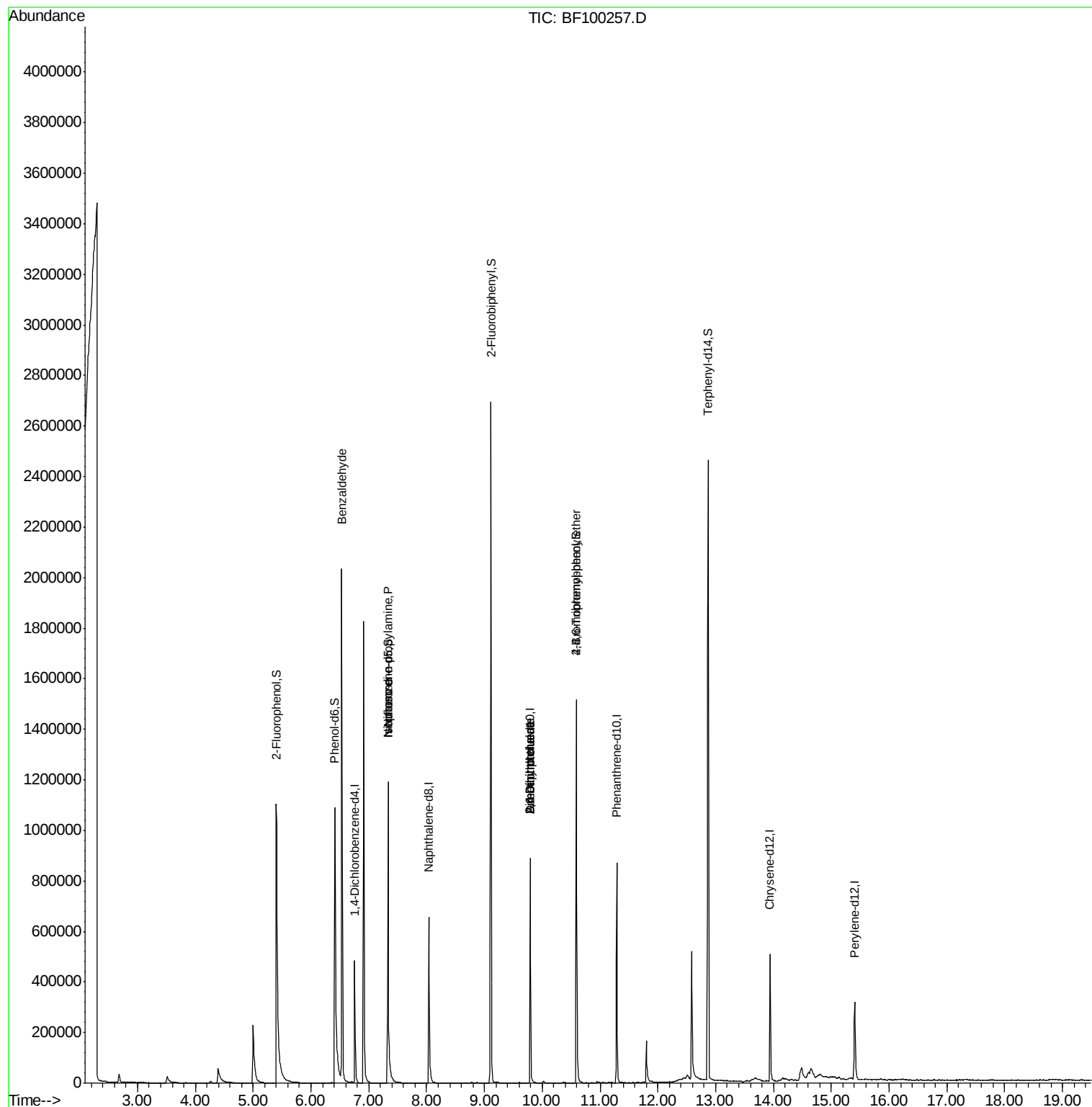
						Qvalue
9) Benzaldehyde	6.53	77	12567	3.090	ng	85
19) n-Nitroso-di-n-propylamine	7.33	70	60409	15.144	ng	# 71
25) Isophorone	7.33	82	494844	46.100	ng	# 64
49) Dimethylphthalate	9.79	163	43652	3.130	ng	# 1
50) 2,6-Dinitrotoluene	9.79	165	22536	7.687	ng	# 24
56) 2,4-Dinitrotoluene	9.79	165	22536	6.383	ng	# 21
66) 4-Bromophenyl-phenylether	10.59	248	13992	4.036	ng	# 1

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

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Response via : Initial Calibration



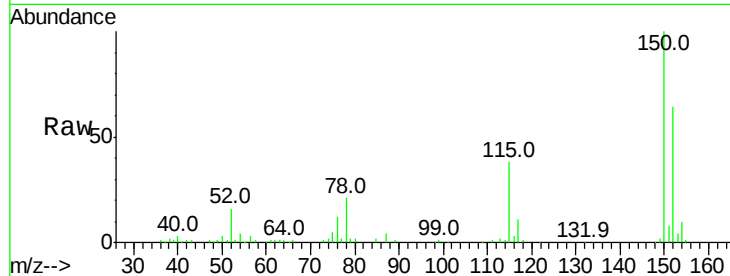


#1

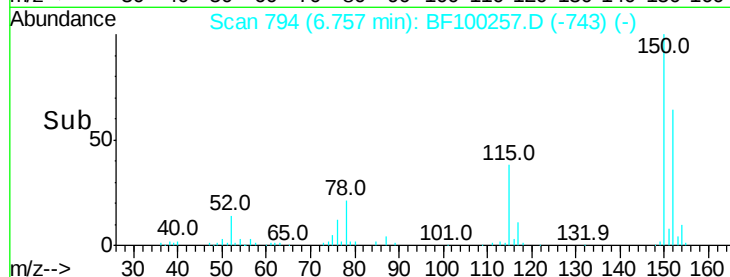
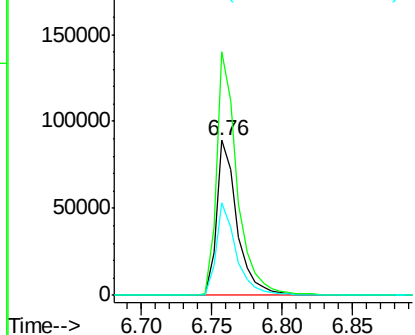
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF100257.D
Acq: 6 Nov 2017 18:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 90126
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 59.8 50.1 75.1



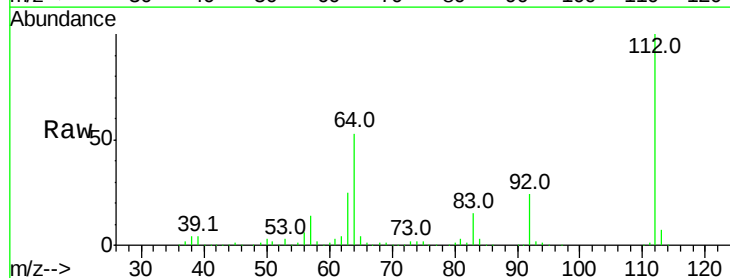
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



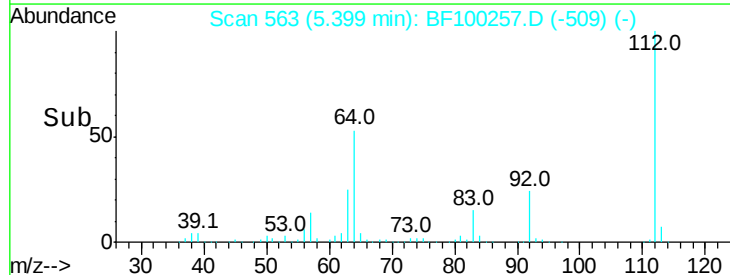
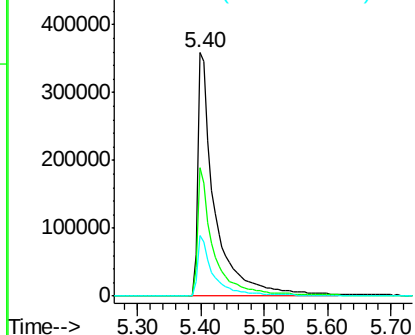
#5

2-Fluorophenol
Concen: 116.032 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF100257.D
Acq: 6 Nov 2017 18:12

Tgt Ion:112 Resp: 666095
Ion Ratio Lower Upper
112 100
64 52.9 47.9 71.9
63 24.6 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: 106.668 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF100257.D

Acq: 6 Nov 2017 18:12

Instrument :

BNA_F

ClientSampled :

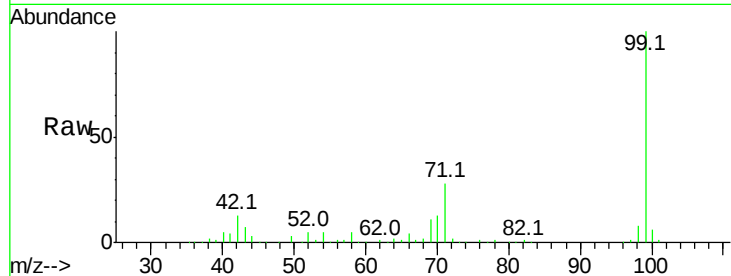
Tot Ion: 99 Resp: 726066

Ion Ratio Lower Upper

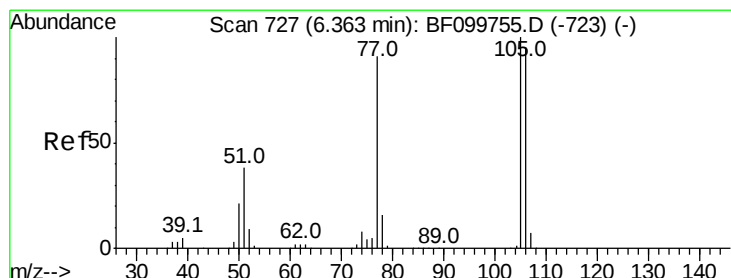
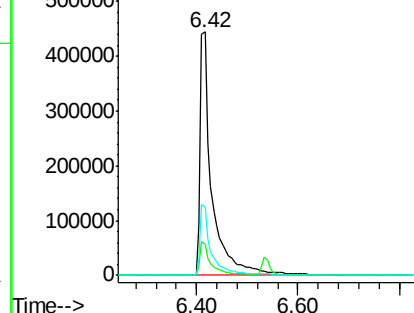
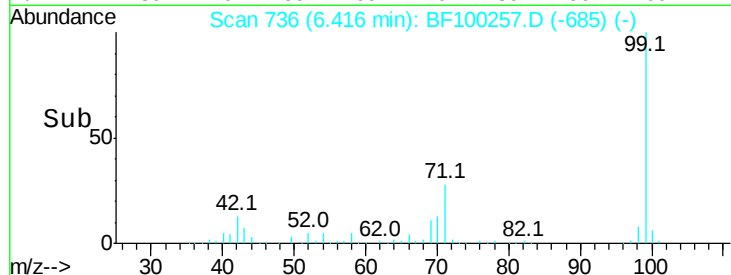
99 100

42 12.6 14.5 21.7#

71 27.9 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: 3.090 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.21 min

Lab File: BF100257.D

Acq: 6 Nov 2017 18:12

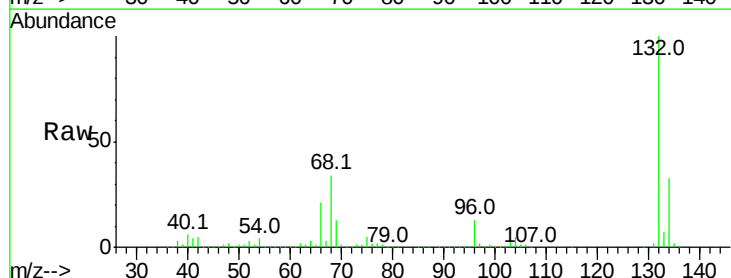
Tgt Ion: 77 Resp: 12567

Ion Ratio Lower Upper

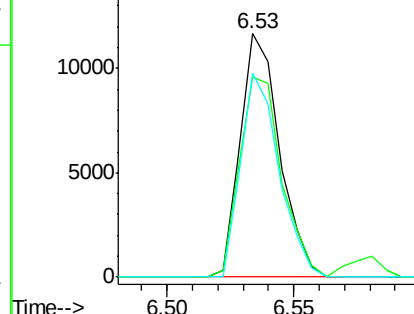
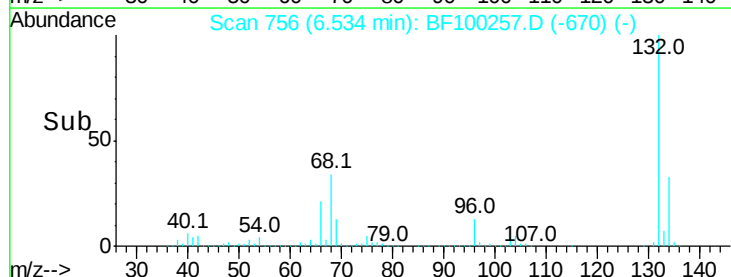
77 100

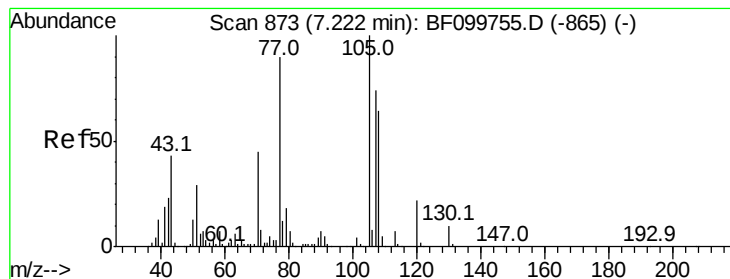
105 82.0 81.1 121.1

106 83.7 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 15.144 ng

RT: 7.33 min Scan# 892

Delta R.T. 0.15 min

Lab File: BF100257.D

Acq: 6 Nov 2017 18:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 60409

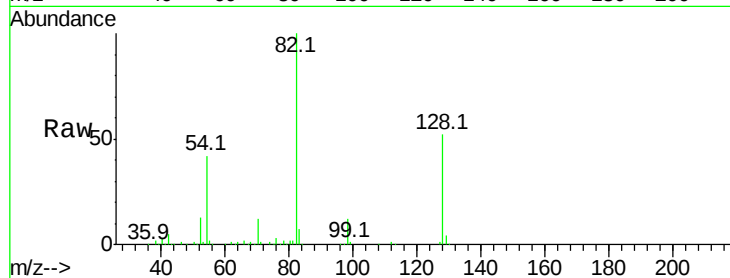
Ion Ratio Lower Upper

70 100

42 39.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

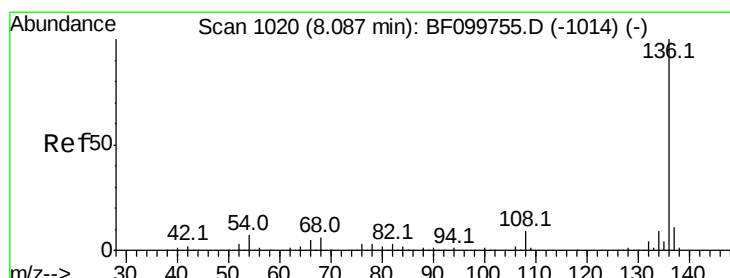
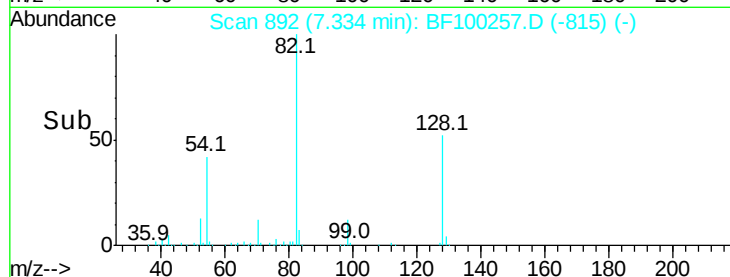
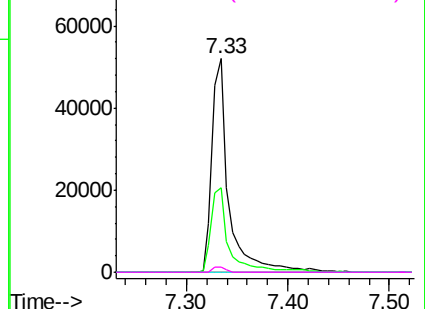


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.00 min

Lab File: BF100257.D

Acq: 6 Nov 2017 18:12

Tgt Ion:136 Resp: 380845

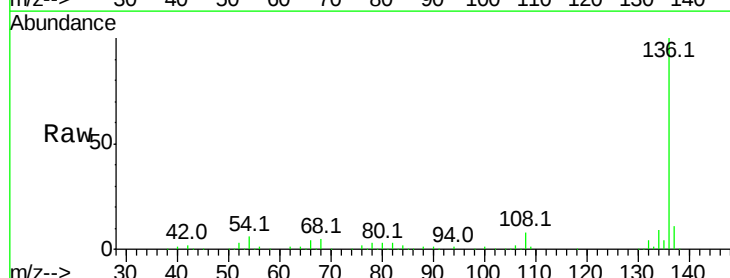
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.3 6.6 9.8#

68 5.4 5.0 7.4

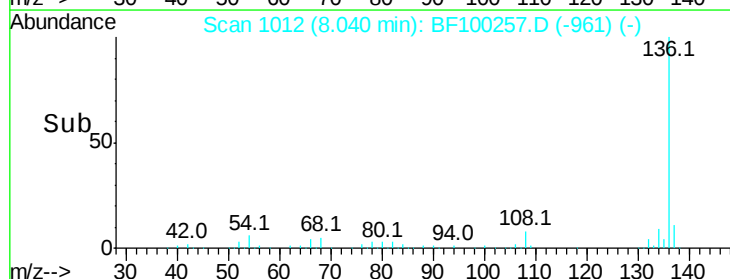
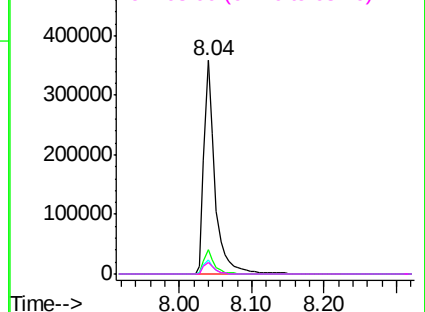


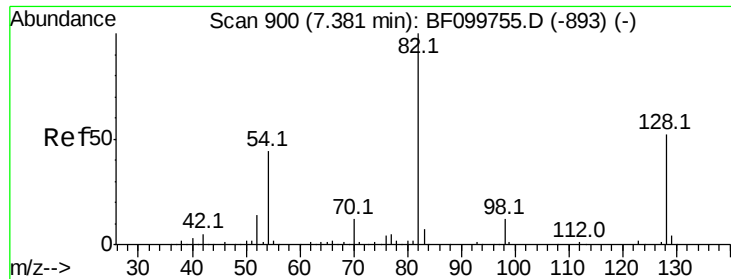
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

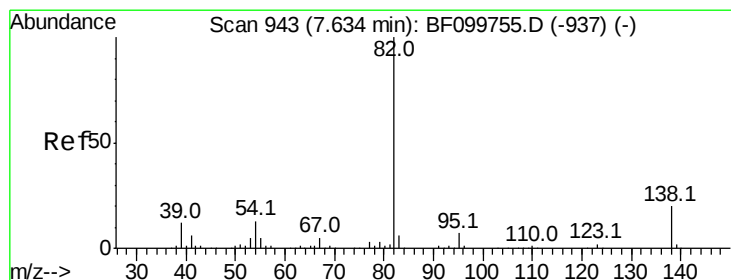
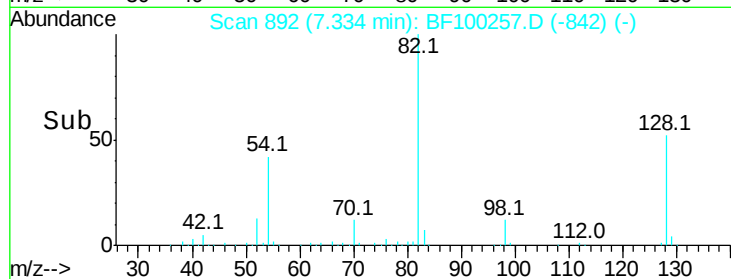
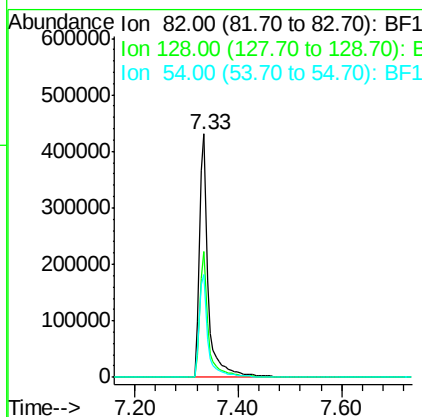
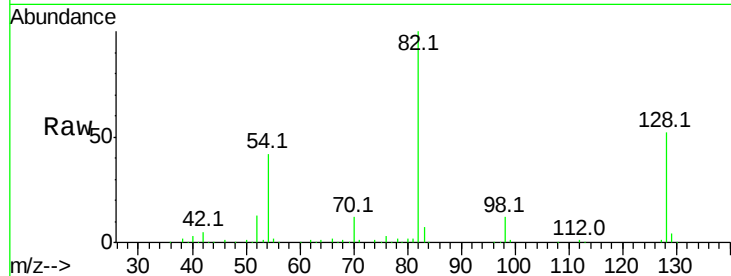




#23
 Nitrobenzene-d5
 Concen: 83.652 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF100257.D
 Acq: 6 Nov 2017 18:12

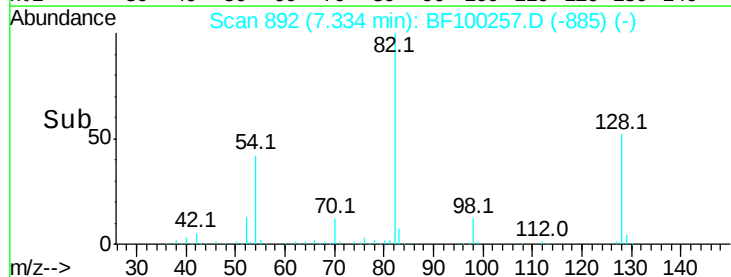
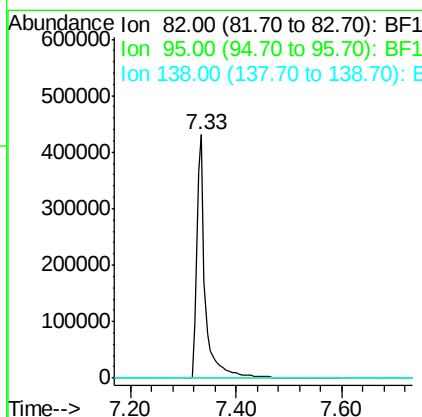
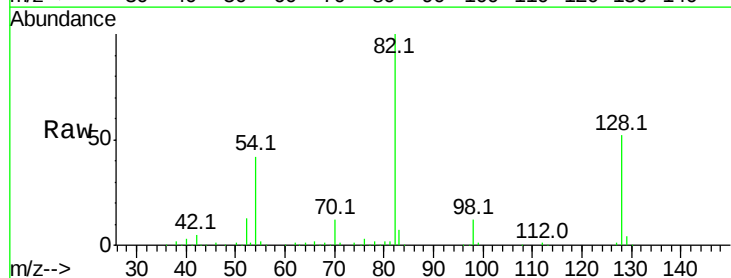
Instrument :
 BNA_F
 ClientSampleId :

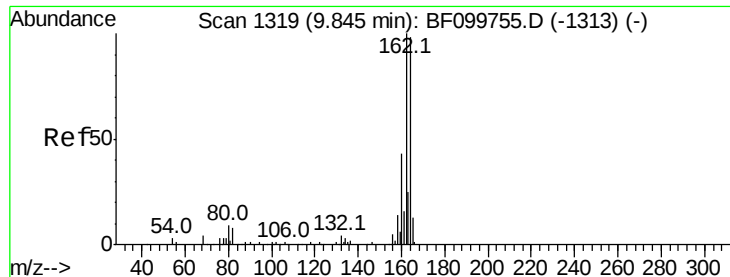
Tot Ion	Ratio	Lower	Upper
82	100		
128	51.9	36.1	54.1
54	42.1	41.4	62.2



#25
 Isophorone
 Concen: 46.100 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.26 min
 Lab File: BF100257.D
 Acq: 6 Nov 2017 18:12

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

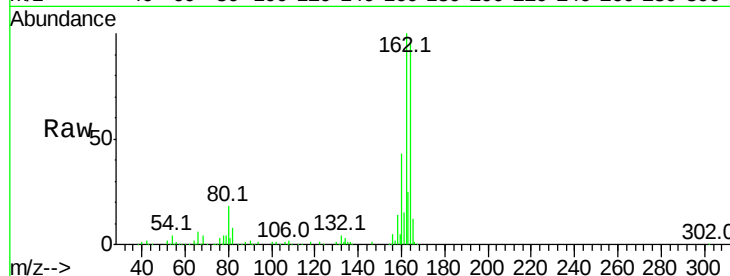




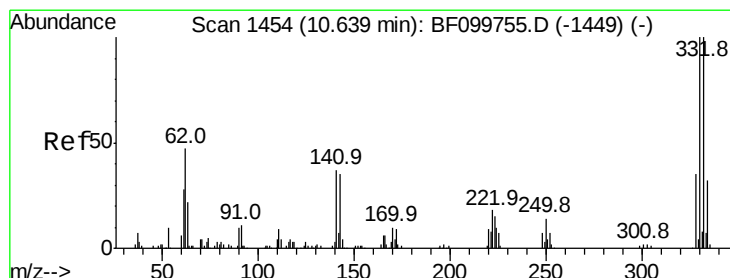
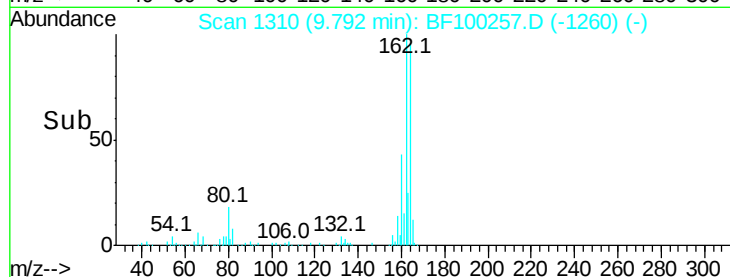
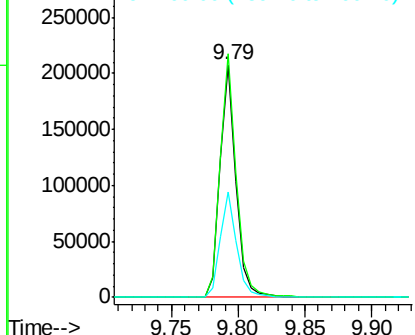
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF100257.D
Acq: 6 Nov 2017 18:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 176103
Ion Ratio Lower Upper
164 100
162 104.7 86.1 129.1
160 45.2 38.3 57.5

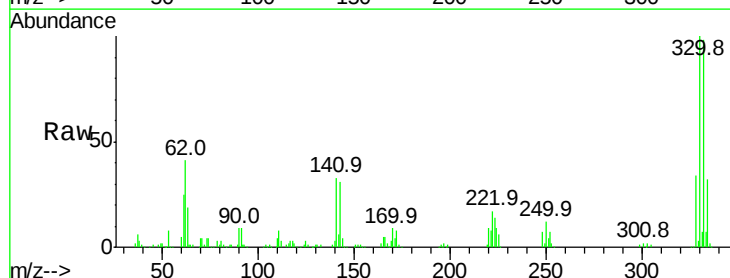


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

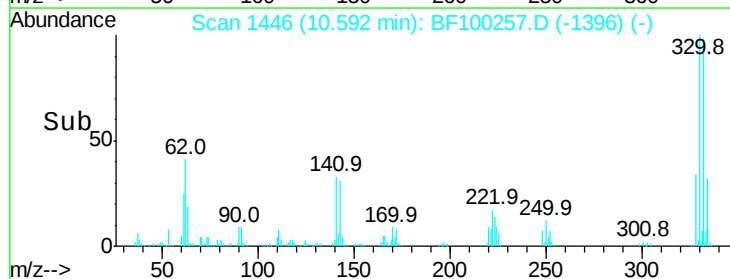
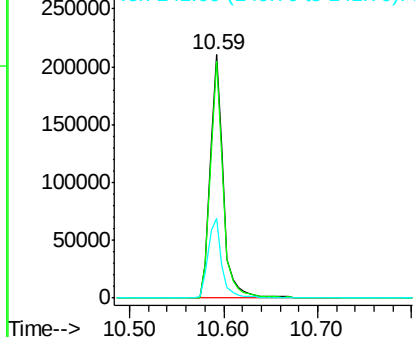


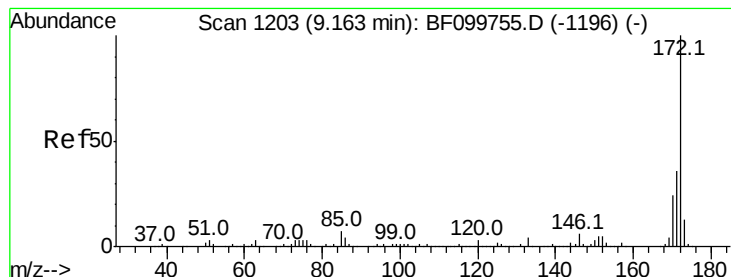
#41
2,4,6-Tribromophenol
Concen: 130.098 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF100257.D
Acq: 6 Nov 2017 18:12

Tgt Ion:330 Resp: 208789
Ion Ratio Lower Upper
330 100
332 95.4 77.0 115.6
141 34.2 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: 87.446 ng

RT: 9.11 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BF100257.D

Acq: 6 Nov 2017 18:12

Instrument :

BNA_F

ClientSampleId :

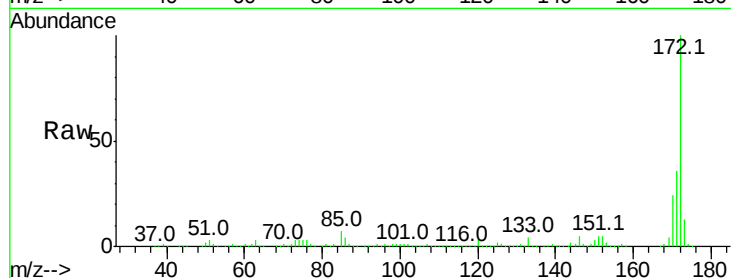
Tot Ion:172 Resp: 998128

Ion Ratio Lower Upper

172 100

171 36.2 29.7 44.5

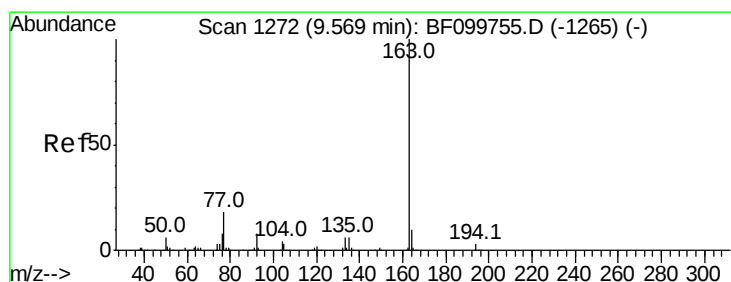
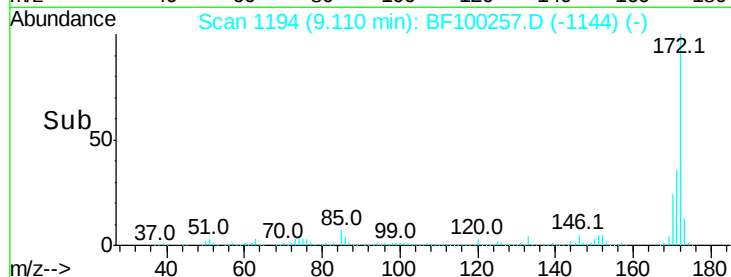
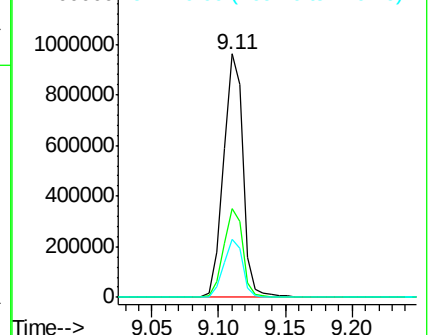
170 23.7 19.6 29.4



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: 3.130 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.26 min

Lab File: BF100257.D

Acq: 6 Nov 2017 18:12

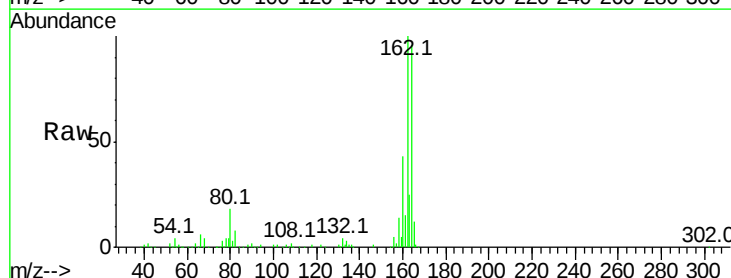
Tgt Ion:163 Resp: 43652

Ion Ratio Lower Upper

163 100

194 0.0 2.7 4.1#

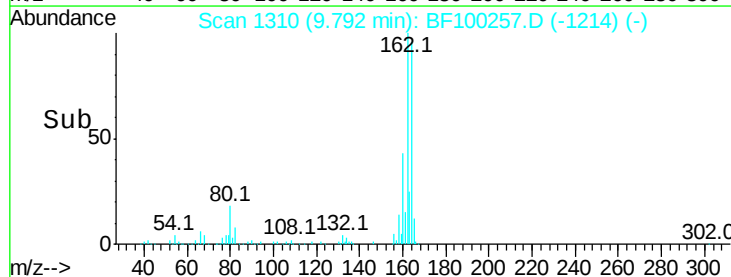
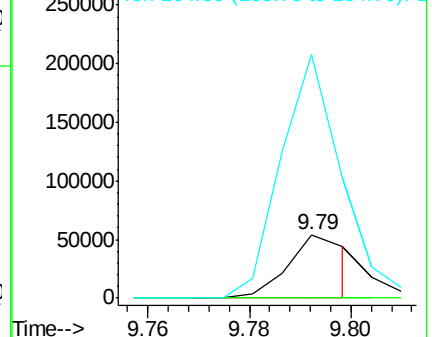
164 382.8 8.2 12.2#

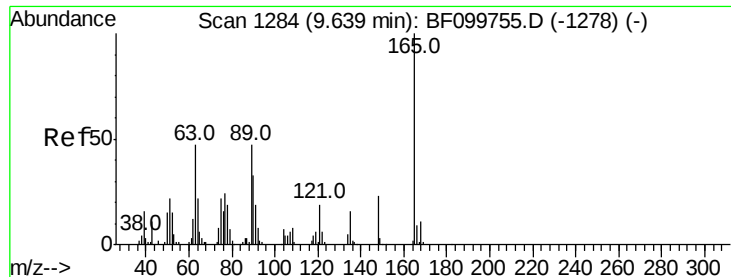


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

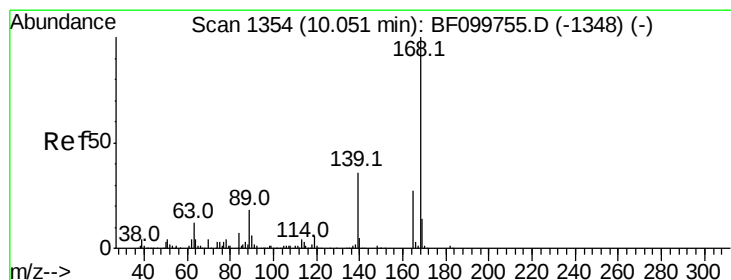
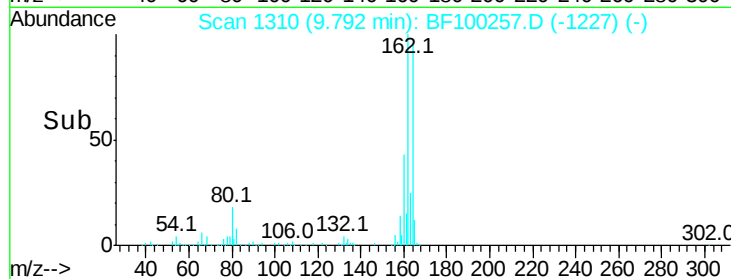
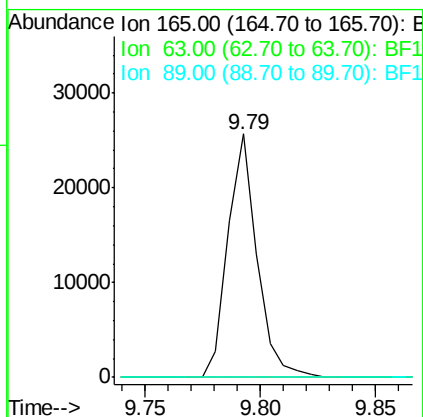
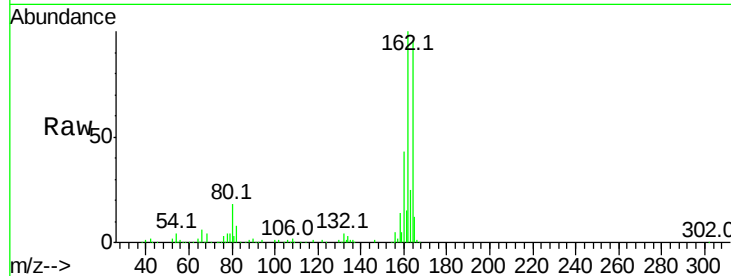




#50
2,6-Dinitrotoluene
Concen: 7.687 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.19 min
Lab File: BF100257.D
Acq: 6 Nov 2017 18:12

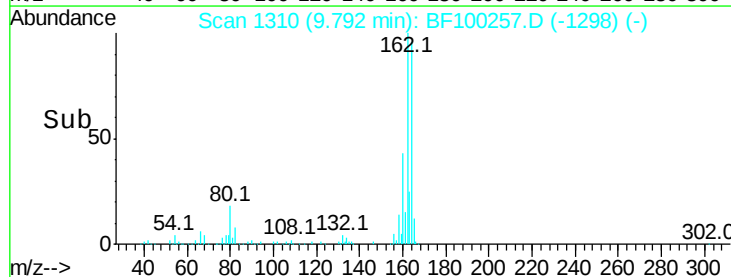
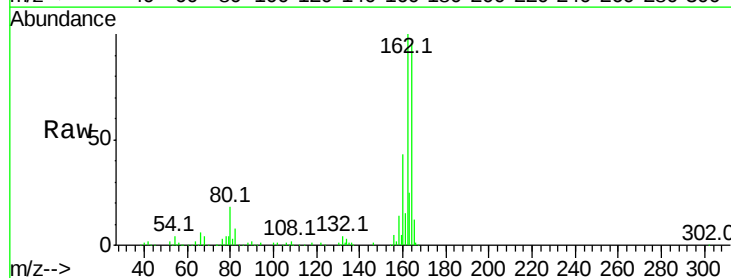
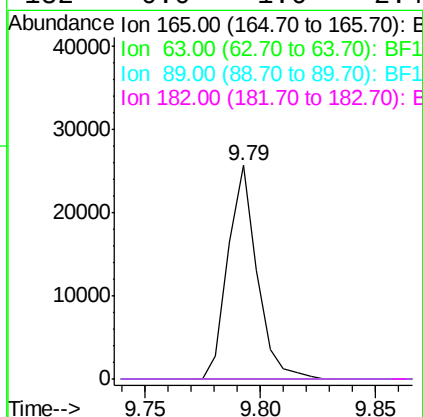
Instrument :
BNA_F
ClientSampleId :

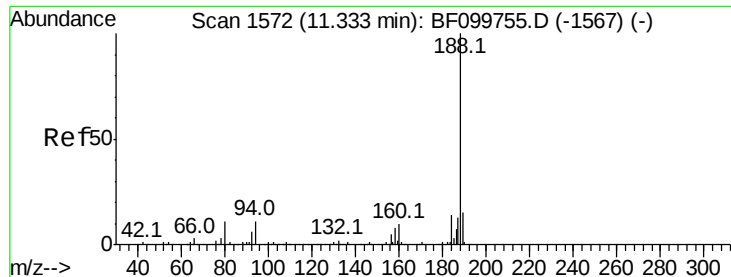
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
2,4-Dinitrotoluene
Concen: 6.383 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.23 min
Lab File: BF100257.D
Acq: 6 Nov 2017 18:12

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#

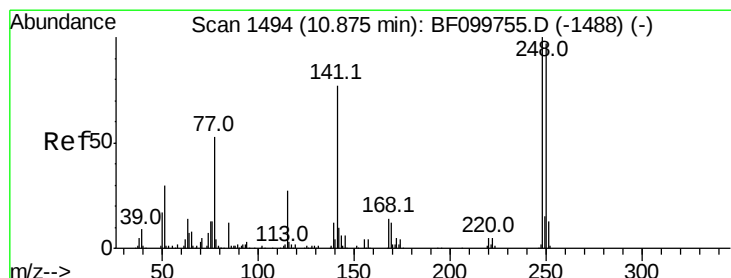
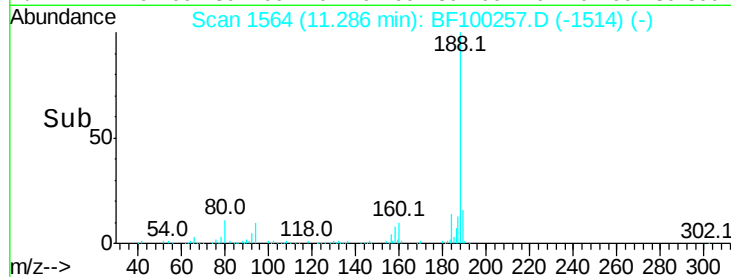
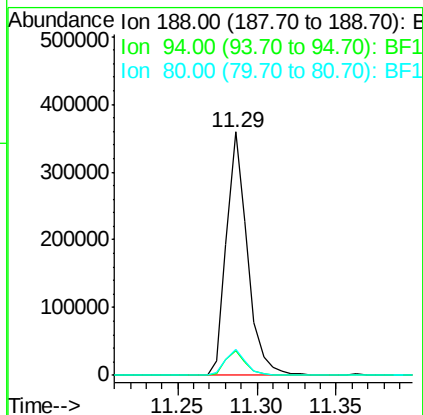
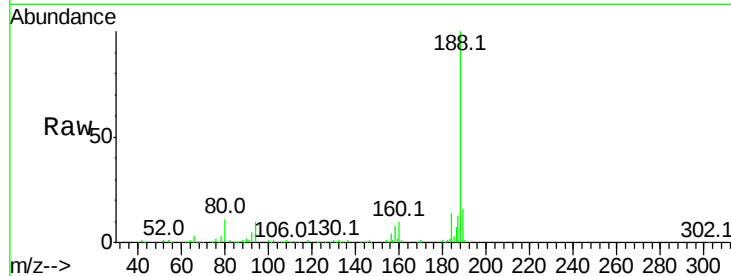




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF100257.D
Acq: 6 Nov 2017 18:12

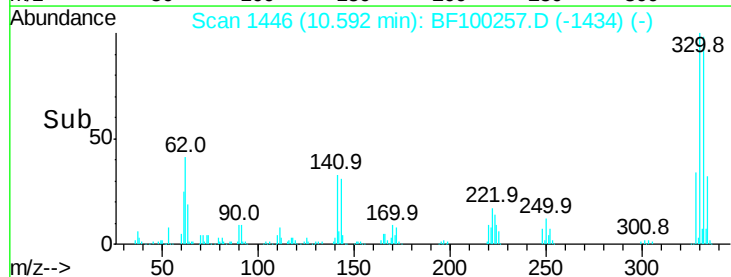
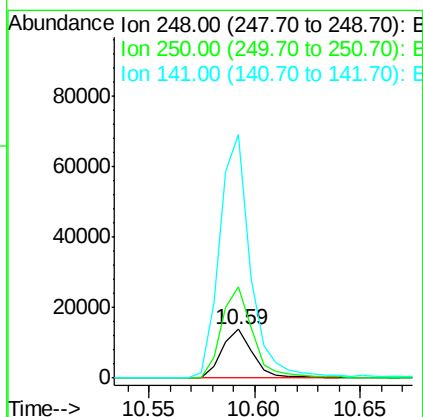
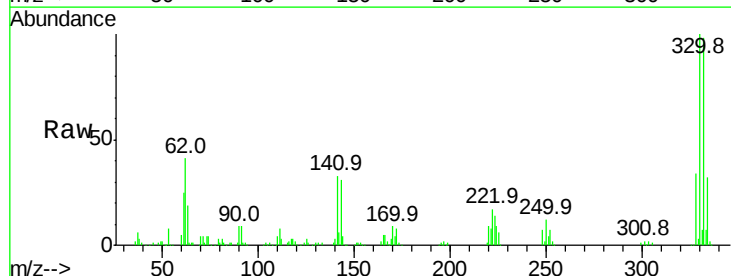
Instrument :
BNA_F
ClientSampled :

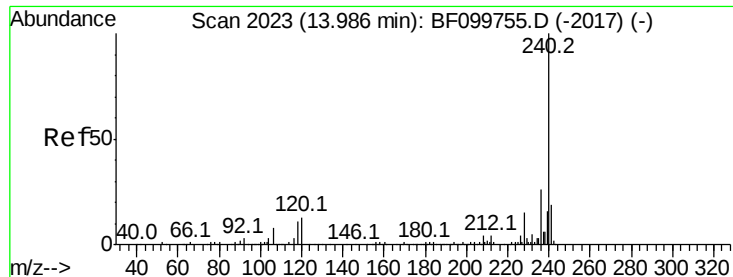
Tot Ion:188 Resp: 329343
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 10.7 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 4.036 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.23 min
Lab File: BF100257.D
Acq: 6 Nov 2017 18:12

Tgt Ion:248 Resp: 13992
Ion Ratio Lower Upper
248 100
250 188.3 76.9 115.3#
141 499.8 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF100257.D

Acq: 6 Nov 2017 18:12

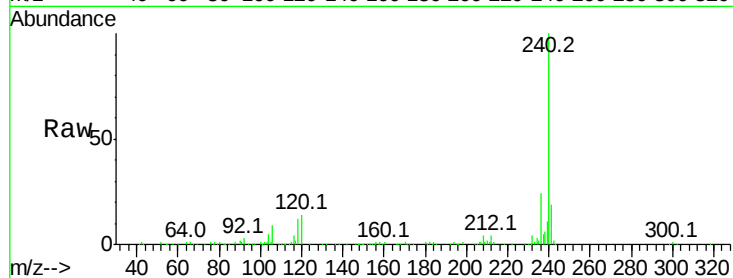
Instrument :

BNA_F

ClientSampleId :

Tot Ion:240 Resp: 188178

Ion	Ratio	Lower	Upper
240	100		
120	13.9	9.5	14.3
236	24.1	20.7	31.1

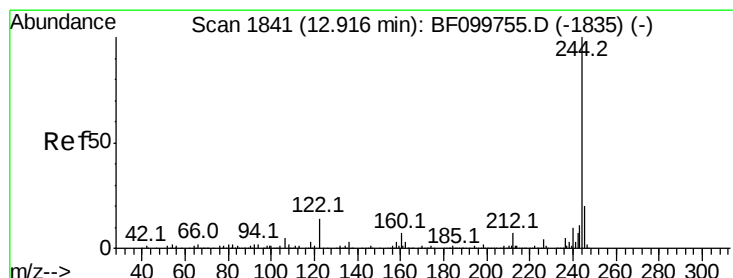
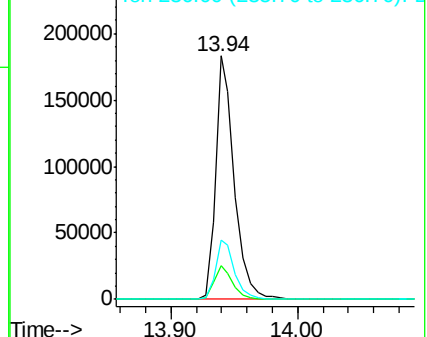
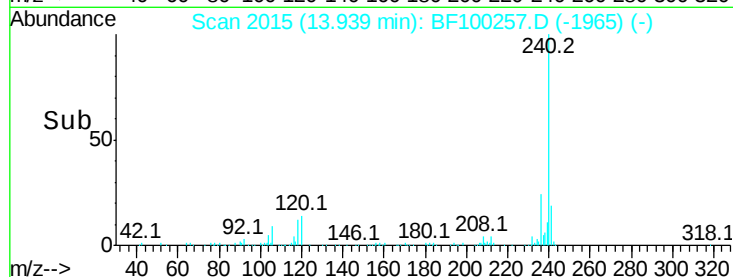


Abundance

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: 102.354 ng

RT: 12.87 min Scan# 1833

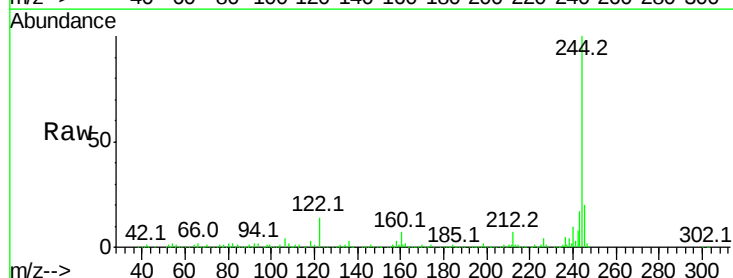
Delta R.T. 0.00 min

Lab File: BF100257.D

Acq: 6 Nov 2017 18:12

Tgt Ion:244 Resp: 881354

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.8	11.0	16.4

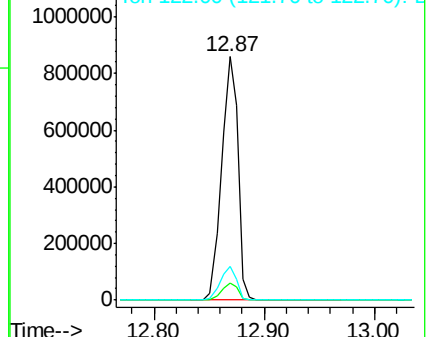
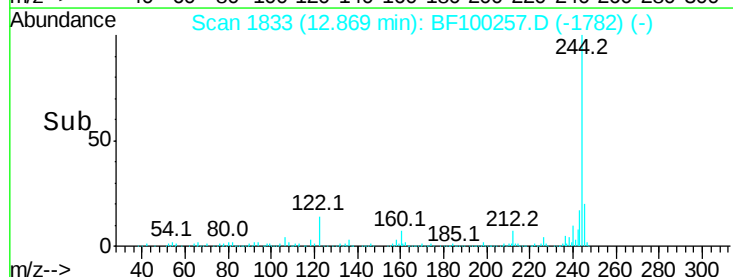


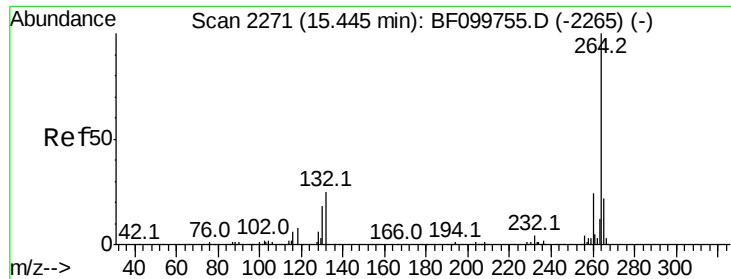
Abundance

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

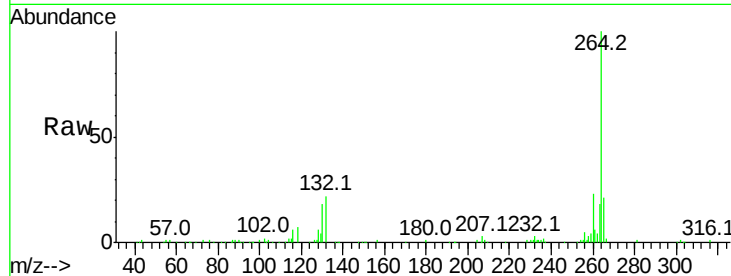




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.00 min
Lab File: BF100257.D
Acq: 6 Nov 2017 18:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.5	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

