

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110617\
 Data File : BF100258.D
 Acq On : 6 Nov 2017 18:39
 Operator : SJ/JU
 Sample : I6334-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 07 00:18:06 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	100612	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	412409	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	194049	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	334466	20.00	ng	0.00
75) Chrysene-d12	13.94	240	184135	20.00	ng	0.00
86) Perylene-d12	15.40	264	154142	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	733542	114.46	ng	0.02
7) Phenol-d6	6.42	99	799477	105.21	ng	0.00
23) Nitrobenzene-d5	7.33	82	532944	83.20	ng	0.00
41) 2,4,6-Tribromophenol	10.59	330	210480	119.02	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	1067841	84.90	ng	0.00
78) Terphenyl-d14	12.87	244	857605	101.78	ng	0.00

Target Compounds

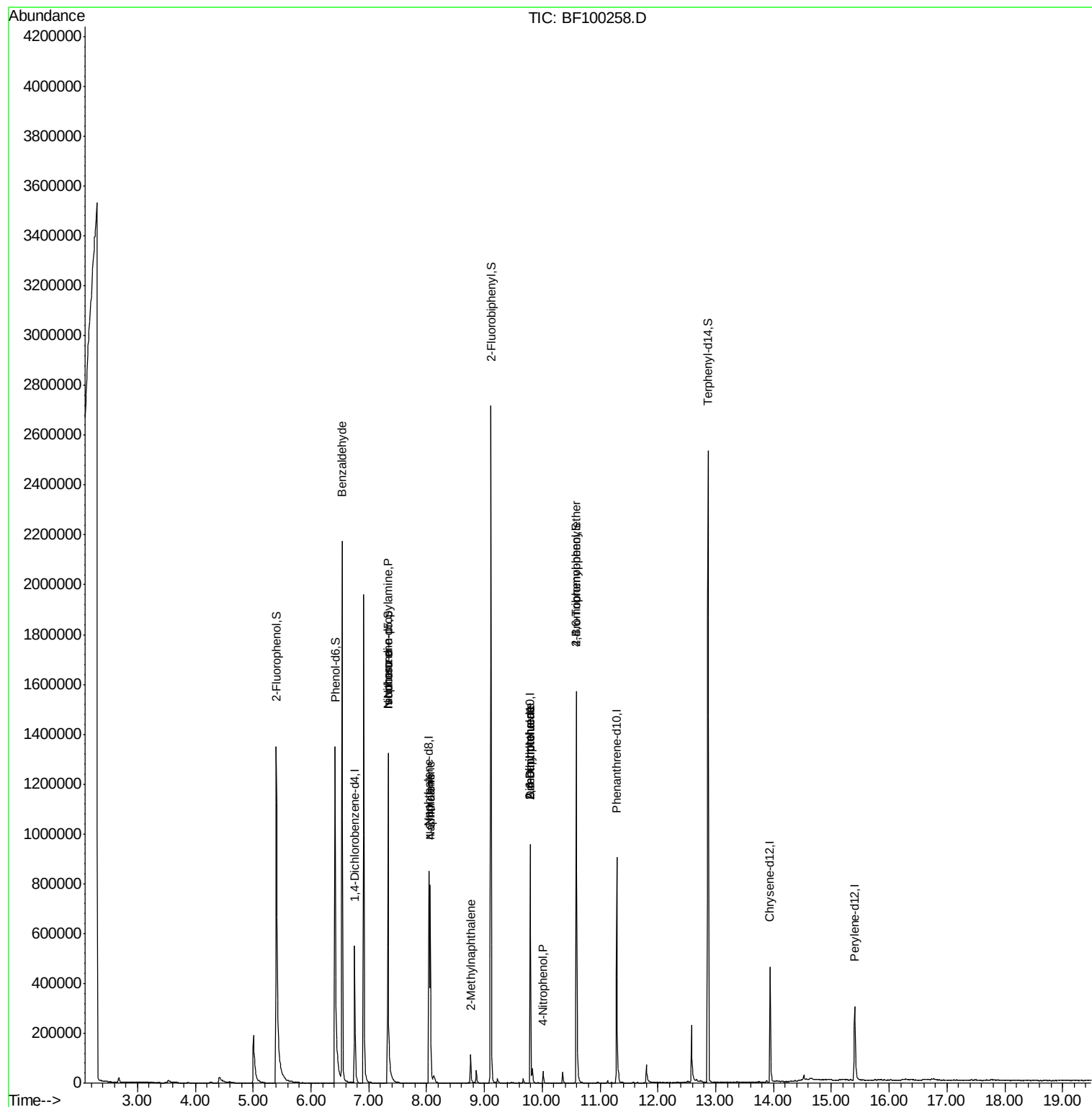
						Qvalue
9) Benzaldehyde	6.54	77	13267	2.922	ng	91
19) n-Nitroso-di-n-propylamine	7.33	70	66840	15.010	ng	# 71
25) Isophorone	7.33	82	532941	45.849	ng	# 64
31) Naphthalene	8.06	128	483884	24.307	ng	99
33) 4-Chloroaniline	8.06	127	61981	7.540	ng	# 33
37) 2-Methylnaphthalene	8.76	142	41274	3.094	ng	95
49) Dimethylphthalate	9.79	163	46405	3.020	ng	# 1
50) 2,6-Dinitrotoluene	9.79	165	24111	7.464	ng	# 25
55) 4-Nitrophenol	10.02	139	9000	4.525	ng	# 9
56) 2,4-Dinitrotoluene	9.79	165	24111	6.197	ng	# 23
66) 4-Bromophenyl-phenylether	10.59	248	13363	3.795	ng	# 1

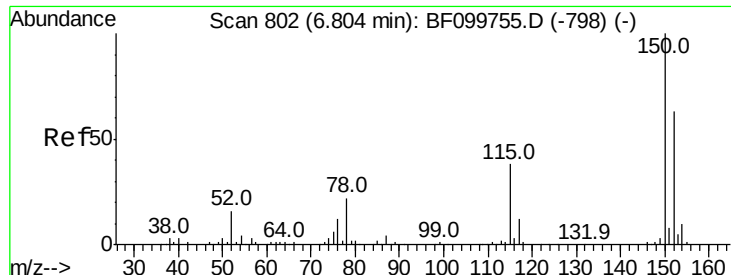
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110617\
Data File : BF100258.D
Acq On : 6 Nov 2017 18:39
Operator : SJ/JU
Sample : I6334-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 07 00:18:06 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



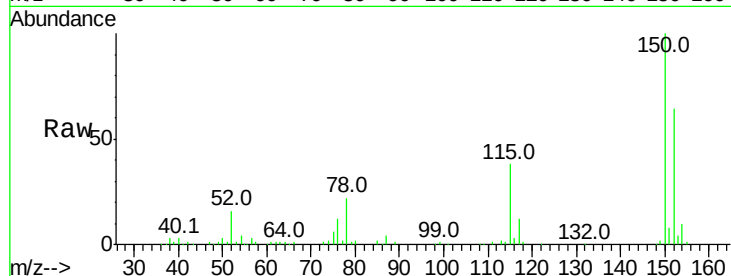


#1

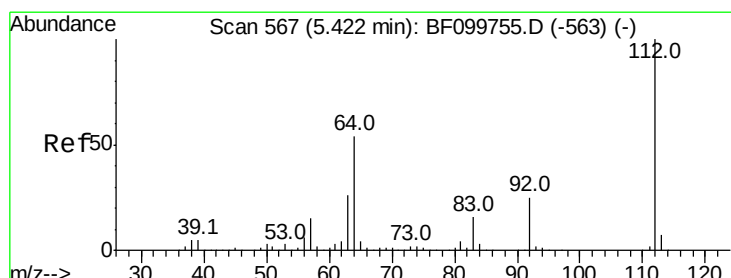
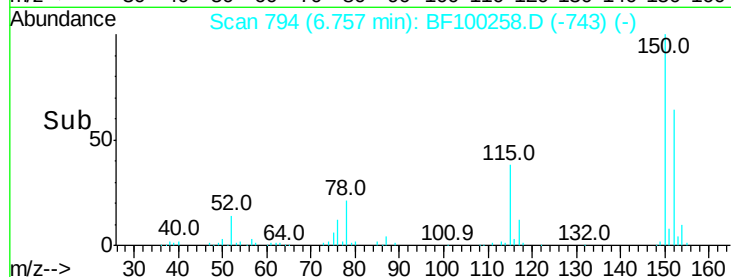
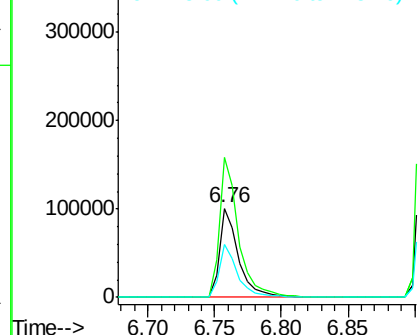
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF100258.D
Acq: 6 Nov 2017 18:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 100612
Ion Ratio Lower Upper
152 100
150 156.6 124.6 186.8
115 59.1 50.1 75.1



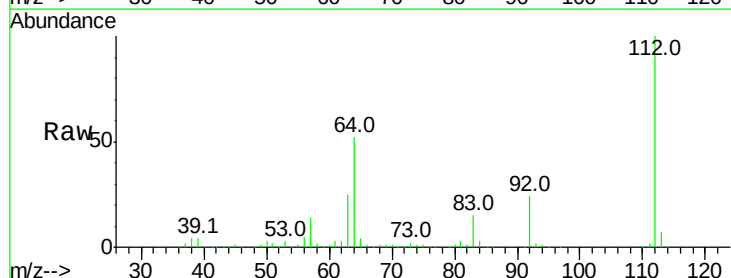
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



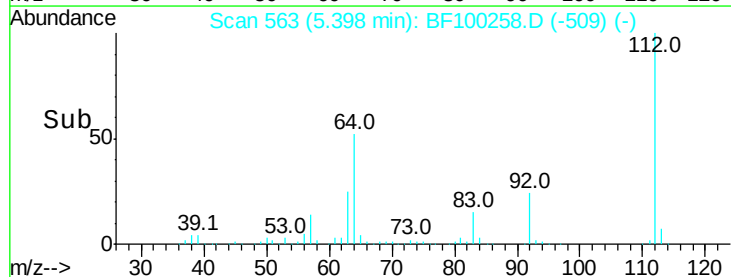
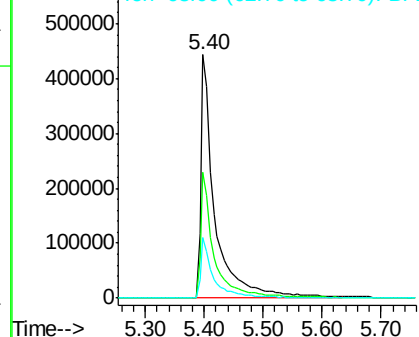
#5

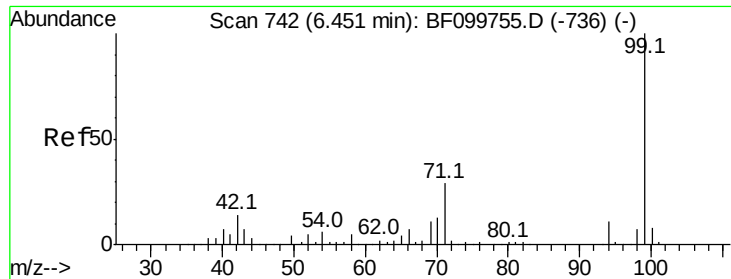
2-Fluorophenol
Concen: 114.463 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF100258.D
Acq: 6 Nov 2017 18:39

Tgt Ion:112 Resp: 733542
Ion Ratio Lower Upper
112 100
64 51.7 47.9 71.9
63 24.8 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: 105.212 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF100258.D

Acq: 6 Nov 2017 18:39

Instrument :

BNA_F

ClientSampleId :

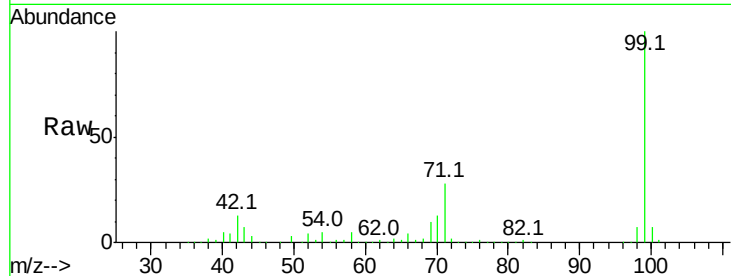
Tot Ion: 99 Resp: 799477

Ion Ratio Lower Upper

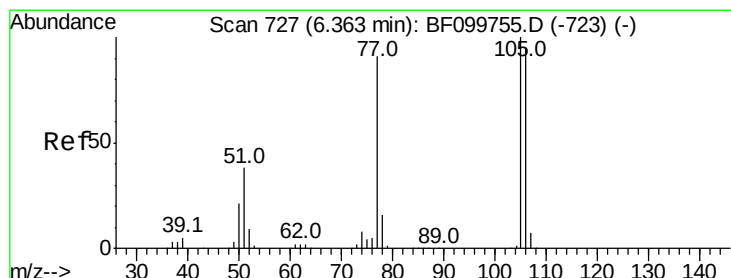
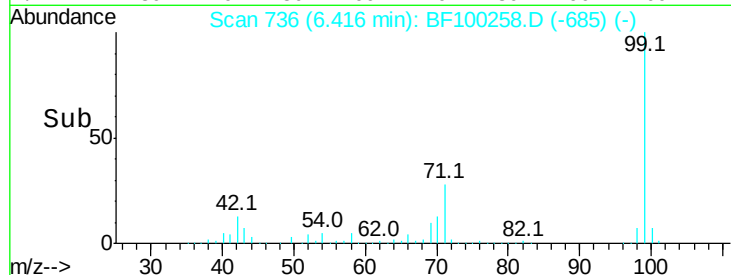
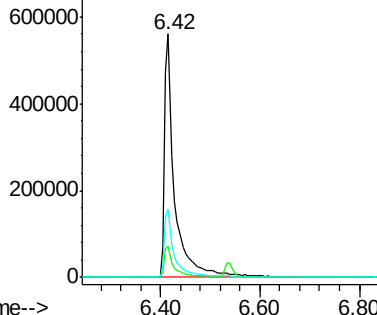
99 100

42 12.8 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: 2.922 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.21 min

Lab File: BF100258.D

Acq: 6 Nov 2017 18:39

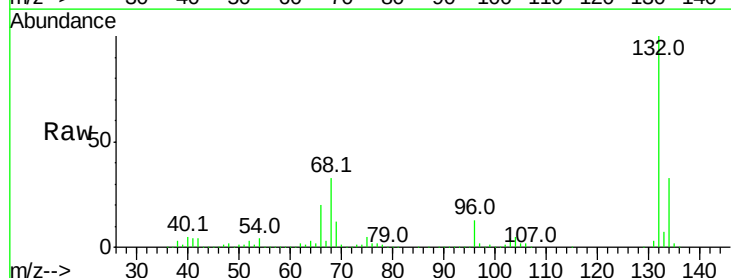
Tgt Ion: 77 Resp: 13267

Ion Ratio Lower Upper

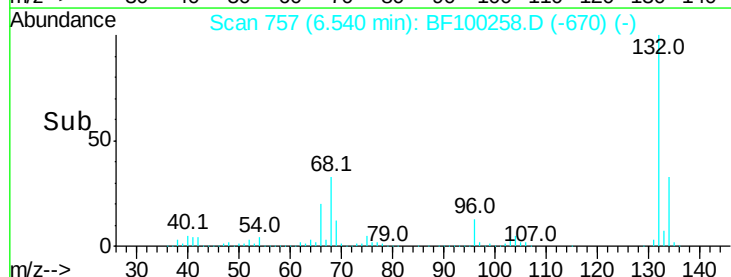
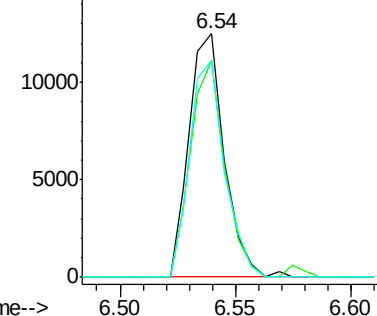
77 100

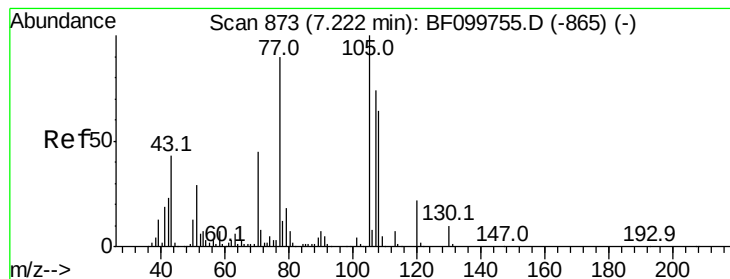
105 89.2 81.1 121.1

106 89.0 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: 15.010 ng

RT: 7.33 min Scan# 892

Delta R.T. 0.15 min

Lab File: BF100258.D

Acq: 6 Nov 2017 18:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 66840

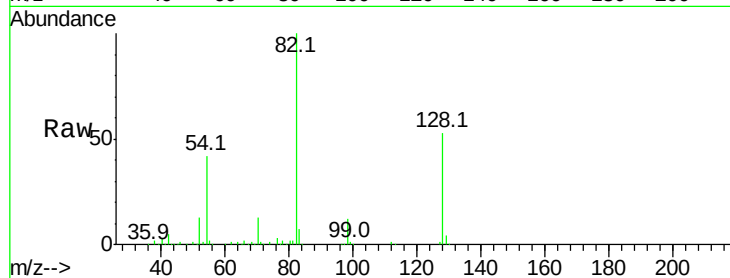
Ion Ratio Lower Upper

70 100

42 39.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#

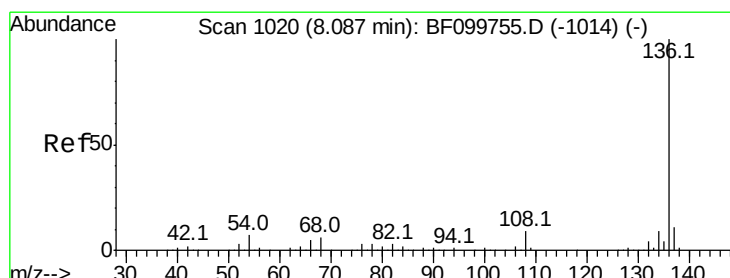
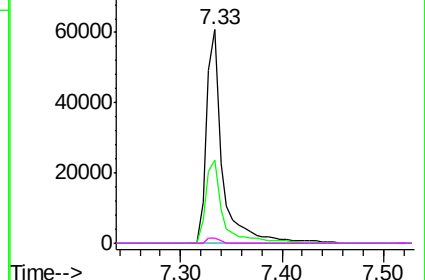
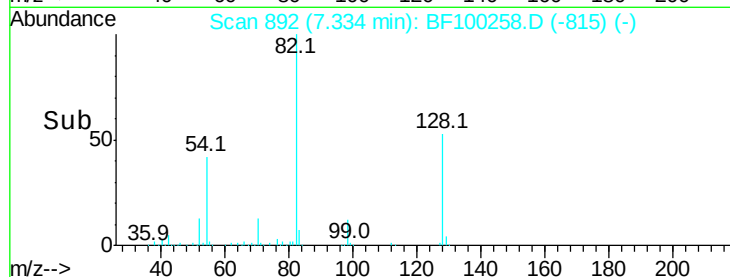


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF100258.D

Acq: 6 Nov 2017 18:39

Tgt Ion: 136 Resp: 412409

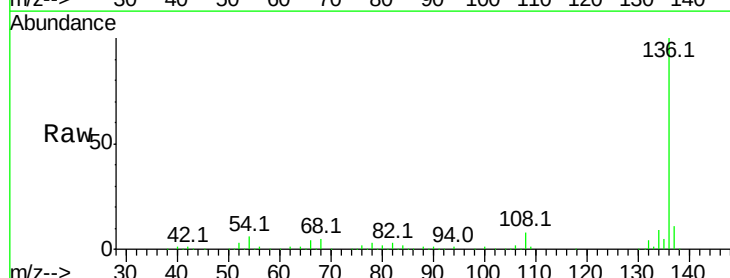
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 5.9 6.6 9.8#

68 5.1 5.0 7.4

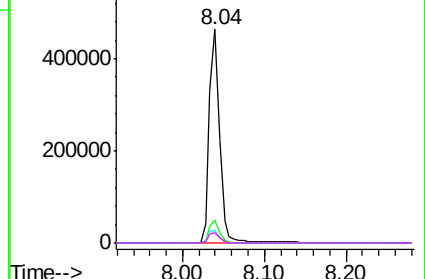
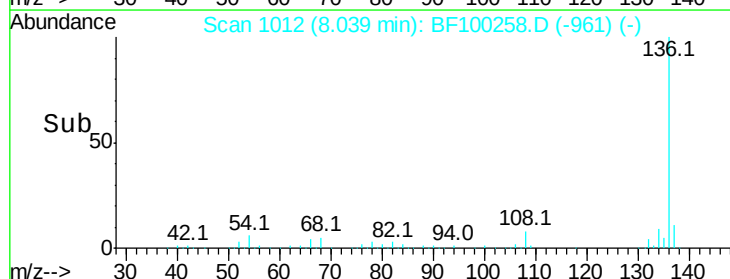


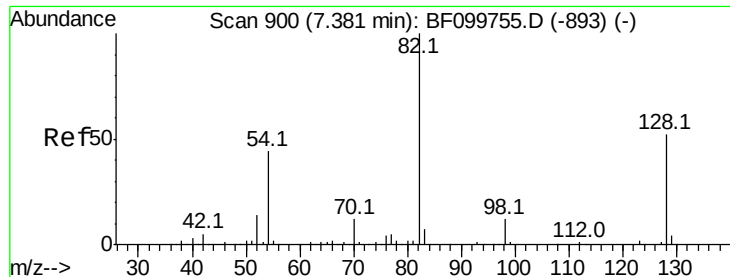
Abundance Ion 136.00 (135.70 to 136.70): BF1

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

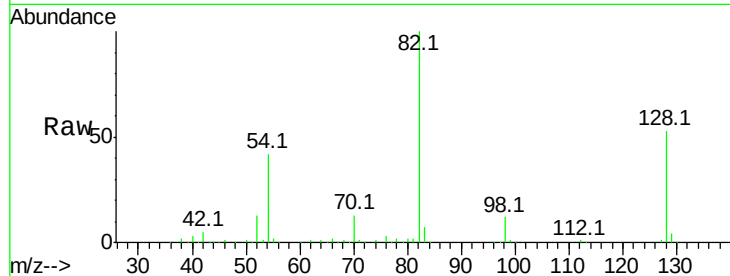




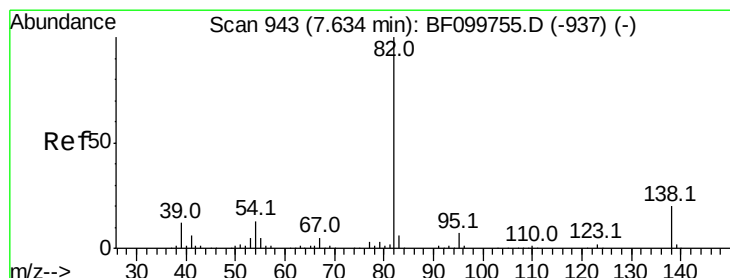
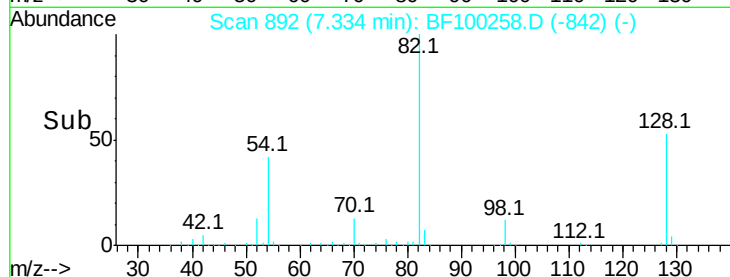
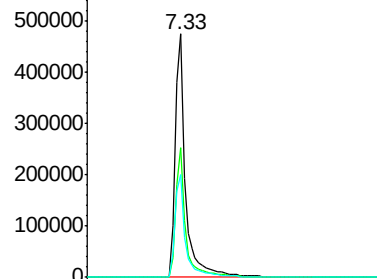
#23
Nitrobenzene-d5
Concen: 83.197 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF100258.D
Acq: 6 Nov 2017 18:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 532944
Ion Ratio Lower Upper
82 100
128 53.3 36.1 54.1
54 42.2 41.4 62.2

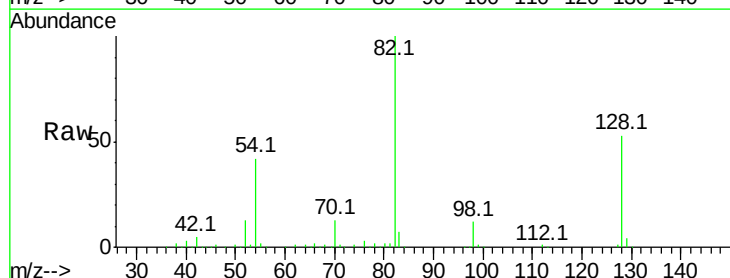


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

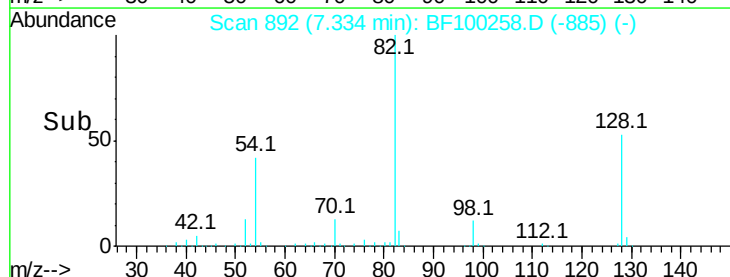
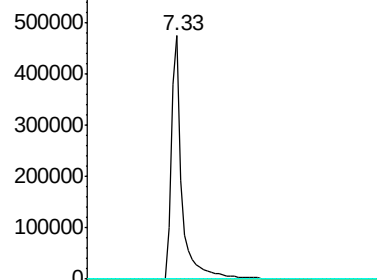


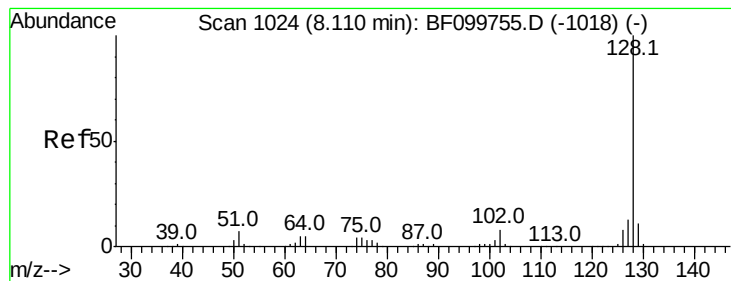
#25
Isophorone
Concen: 45.849 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.26 min
Lab File: BF100258.D
Acq: 6 Nov 2017 18:39

Tgt Ion: 82 Resp: 532941
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





#31

Naphthalene

Concen: 24.307 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BF100258.D

Acq: 6 Nov 2017 18:39

Instrument :

BNA_F

ClientSampleId :

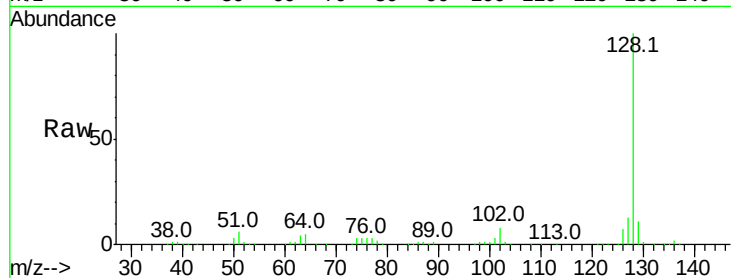
Tot Ion:128 Resp: 483884

Ion Ratio Lower Upper

128 100

129 10.7 8.8 13.2

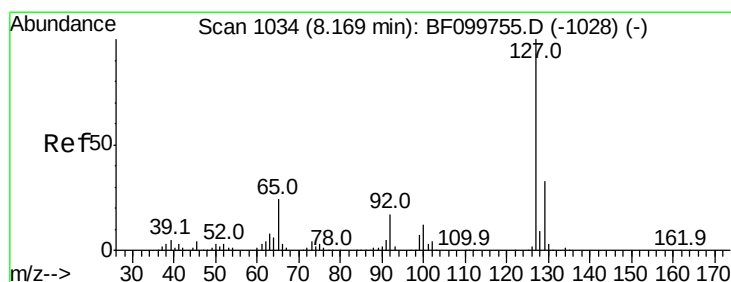
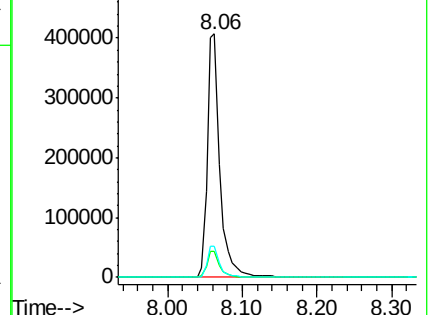
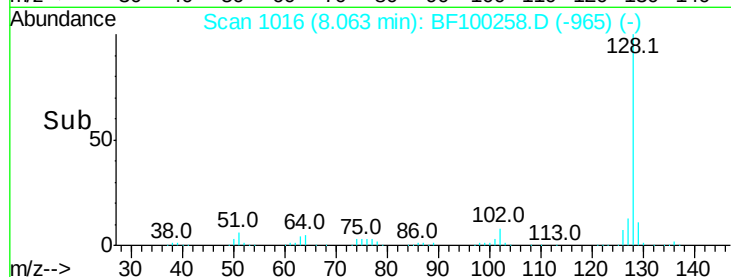
127 12.9 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 7.540 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.06 min

Lab File: BF100258.D

Acq: 6 Nov 2017 18:39

Tgt Ion:127 Resp: 61981

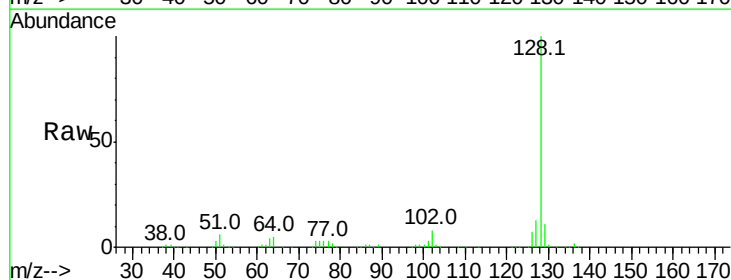
Ion Ratio Lower Upper

127 100

129 83.1 25.9 38.9#

65 0.0 25.0 37.4#

92 0.0 15.2 22.8#

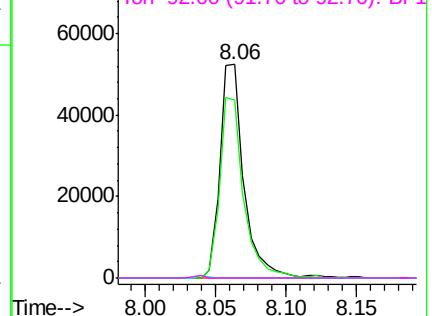
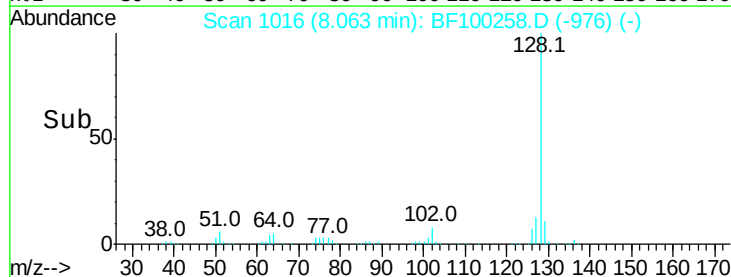


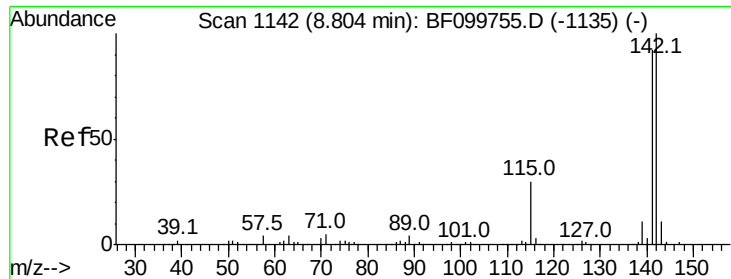
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

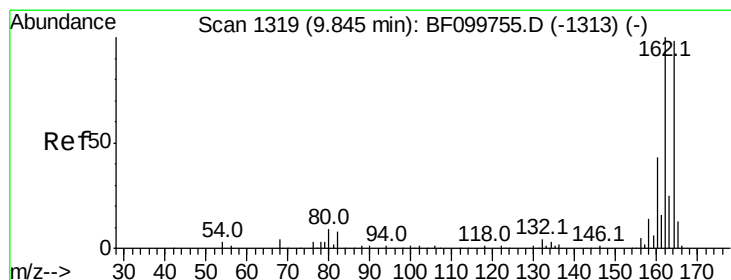
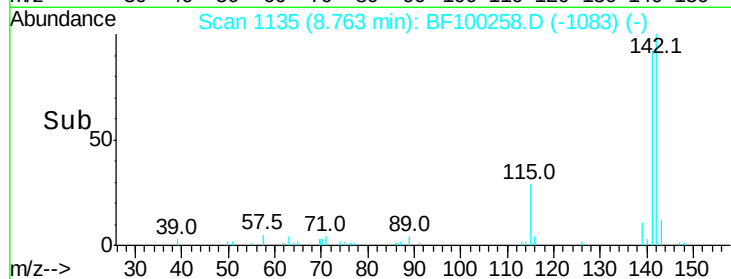
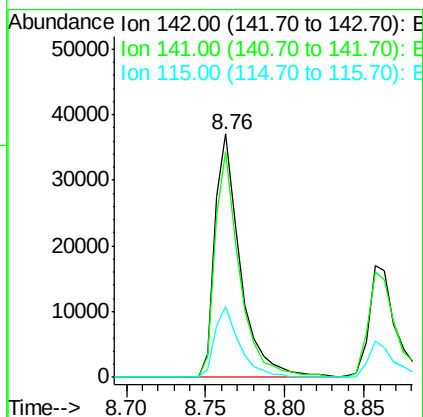
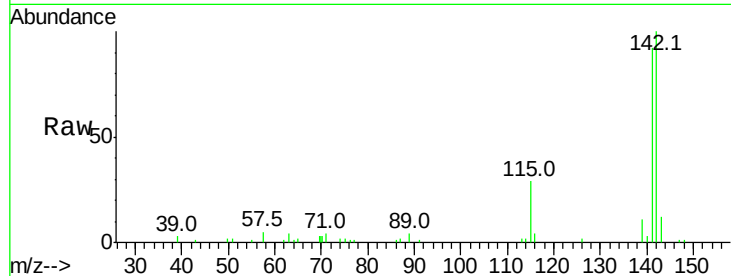




#37
2-Methylnaphthalene
Concen: 3.094 ng
RT: 8.76 min Scan# 1135
Delta R.T. 0.01 min
Lab File: BF100258.D
Acq: 6 Nov 2017 18:39

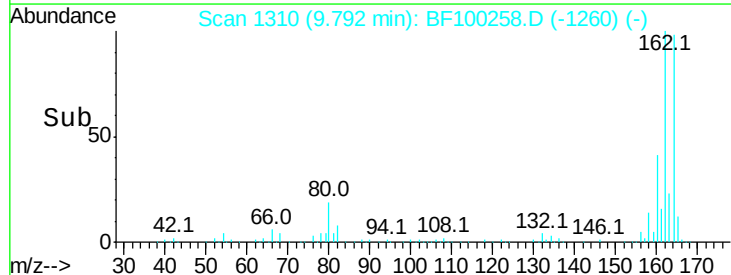
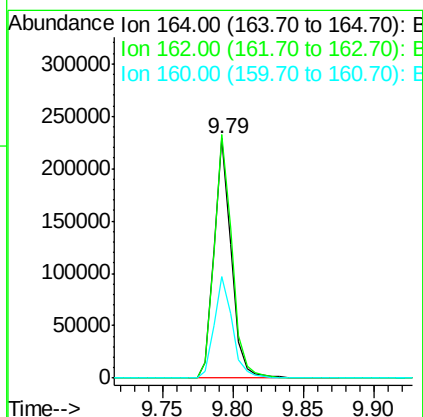
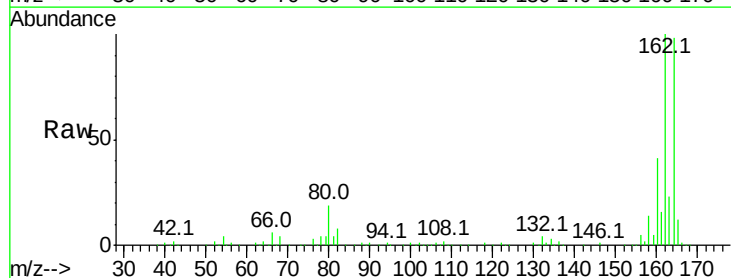
Instrument :
BNA_F
ClientSampled :

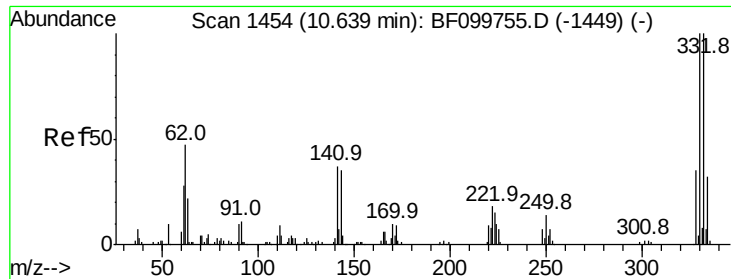
Tot Ion:142 Resp: 41274
Ion Ratio Lower Upper
142 100
141 92.5 70.8 106.2
115 29.0 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF100258.D
Acq: 6 Nov 2017 18:39

Tgt Ion:164 Resp: 194049
Ion Ratio Lower Upper
164 100
162 101.6 86.1 129.1
160 42.1 38.3 57.5

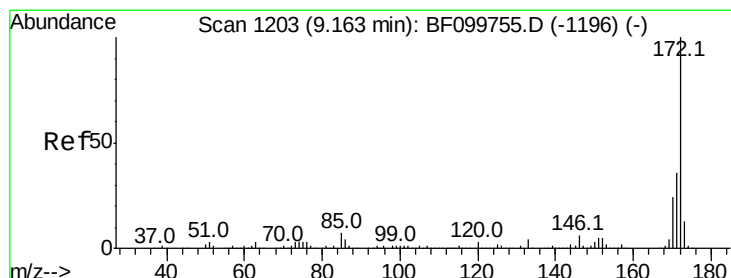
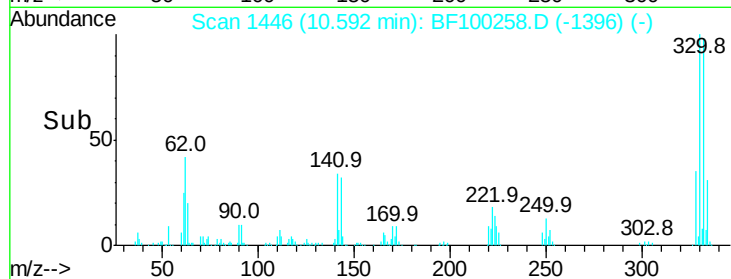
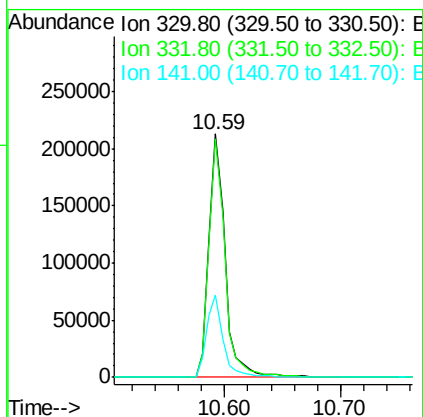
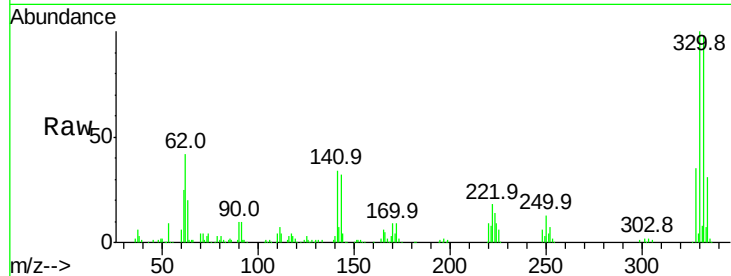




#41
 2,4,6-Tribromophenol
 Concen: 119.023 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF100258.D
 Acq: 6 Nov 2017 18:39

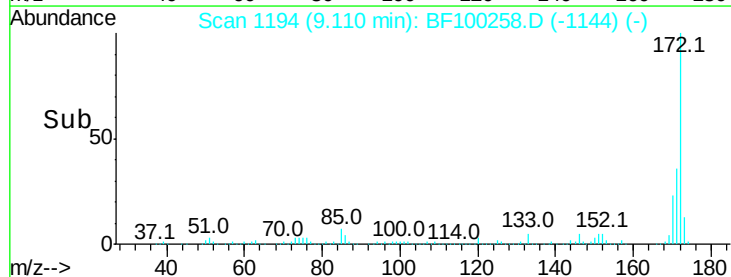
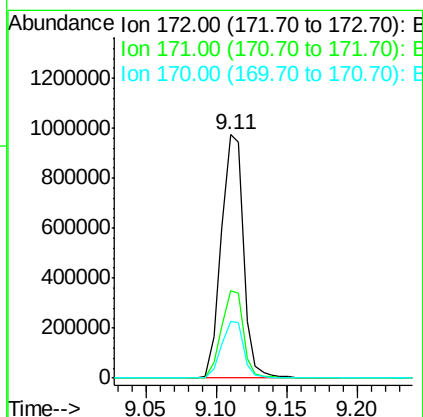
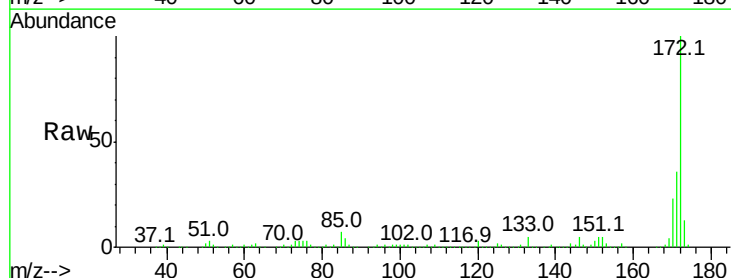
Instrument :
 BNA_F
 ClientSampleId :

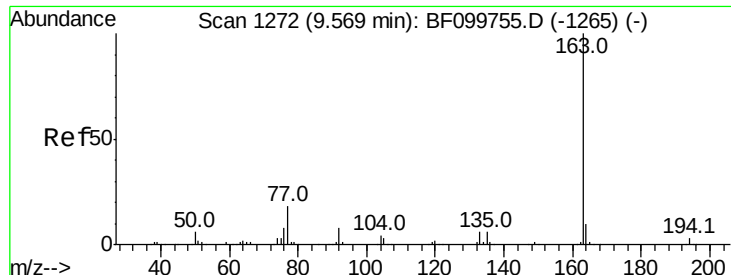
Tot Ion:330 Resp: 210480
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.0 115.6
 141 34.0 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 84.902 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF100258.D
 Acq: 6 Nov 2017 18:39

Tgt Ion:172 Resp: 1067841
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 23.4 19.6 29.4





#49

Dimethylphthalate

Concen: 3.020 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.26 min

Lab File: BF100258.D

Acq: 6 Nov 2017 18:39

Instrument :

BNA_F

ClientSampleId :

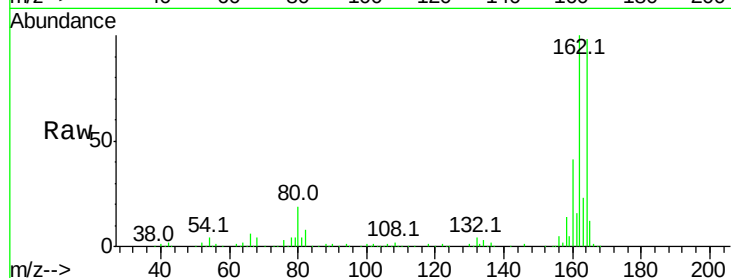
Tot Ion:163 Resp: 46405

Ion Ratio Lower Upper

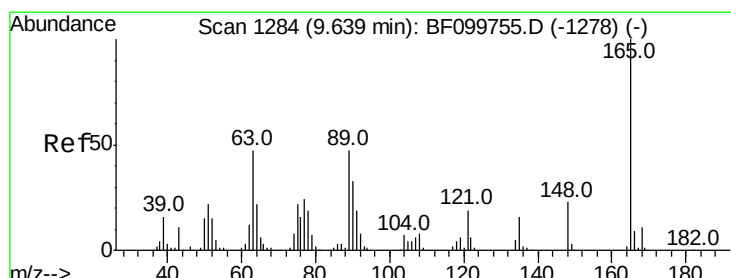
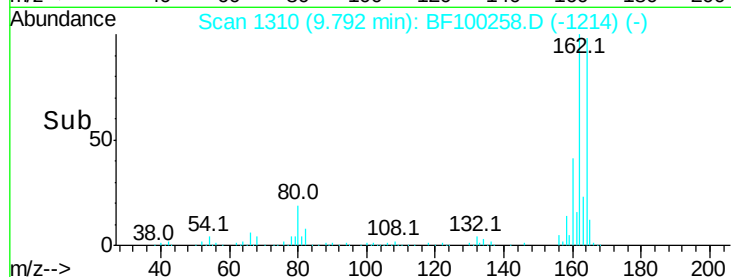
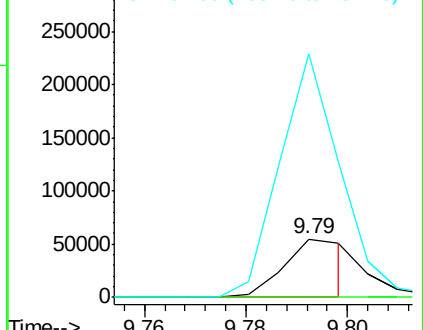
163 100

194 0.0 2.7 4.1#

164 419.2 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: 7.464 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.19 min

Lab File: BF100258.D

Acq: 6 Nov 2017 18:39

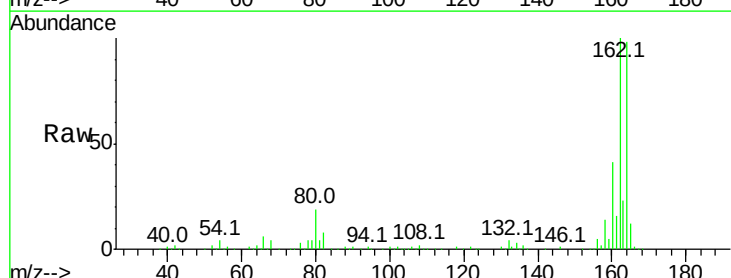
Tgt Ion:165 Resp: 24111

Ion Ratio Lower Upper

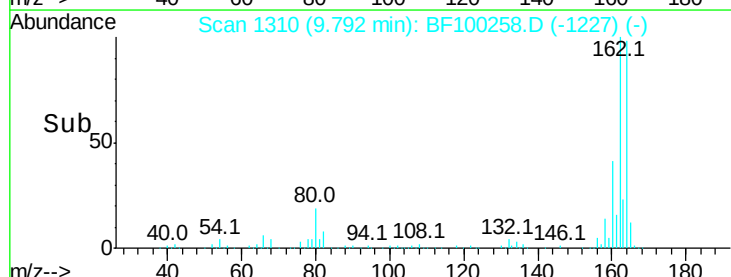
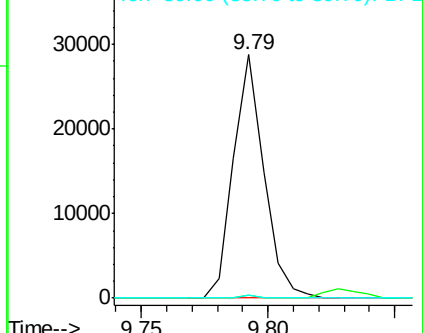
165 100

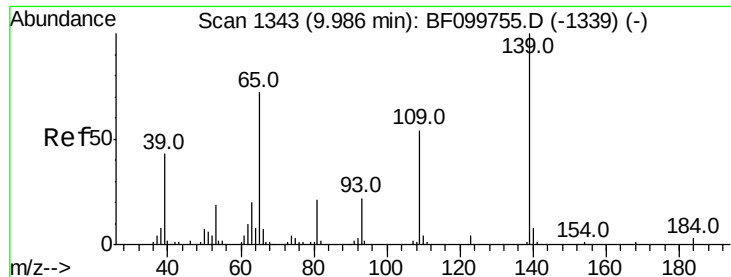
63 1.3 44.7 67.1#

89 1.1 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

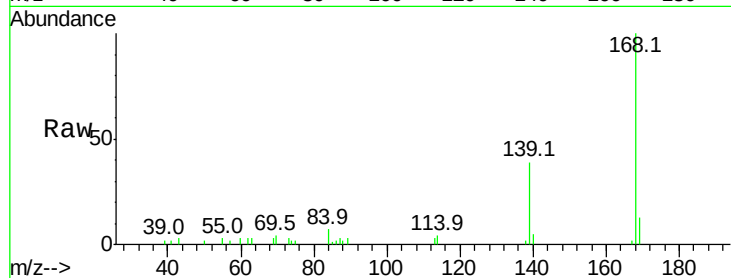




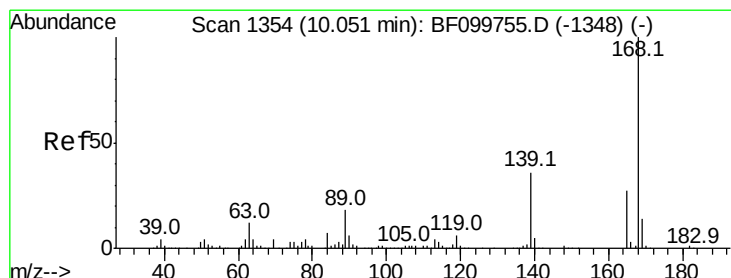
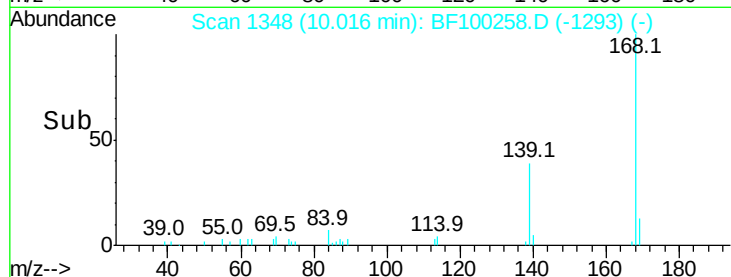
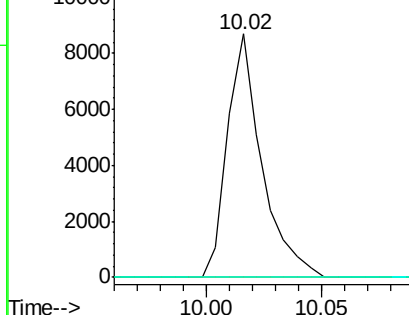
#55
4-Nitrophenol
Concen: 4.525 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.02 min
Lab File: BF100258.D
Acq: 6 Nov 2017 18:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 9000
Ion Ratio Lower Upper
139 100
109 0.0 48.4 88.4#
65 0.0 72.6 112.6#

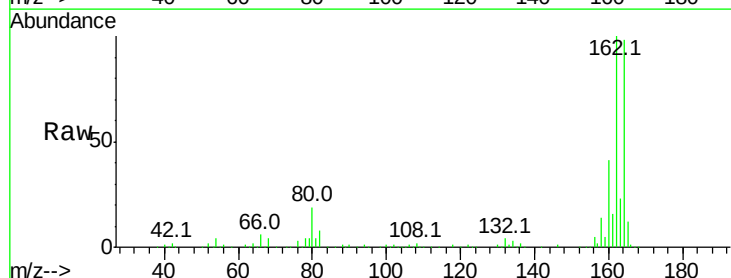


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

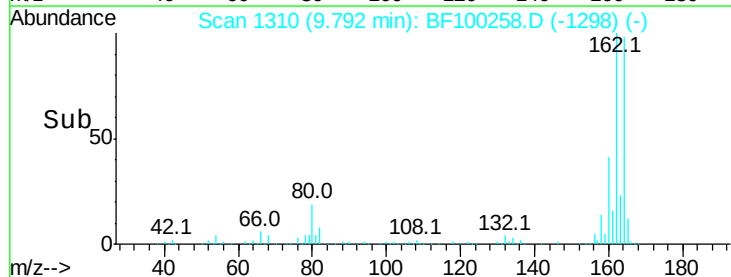
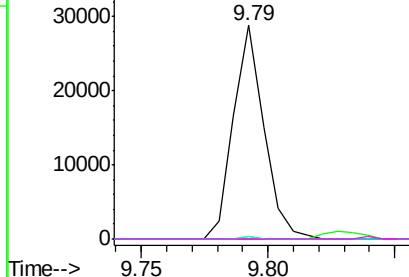


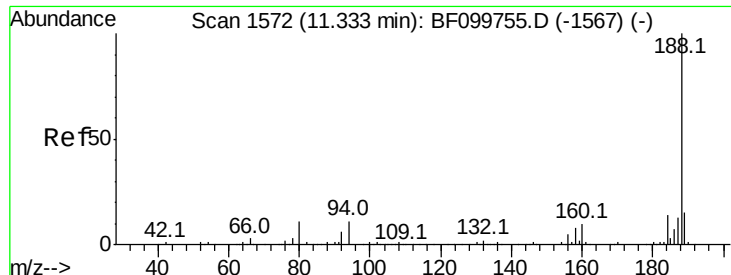
#56
2,4-Dinitrotoluene
Concen: 6.197 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.23 min
Lab File: BF100258.D
Acq: 6 Nov 2017 18:39

Tgt Ion:165 Resp: 24111
Ion Ratio Lower Upper
165 100
63 1.3 36.4 54.6#
89 1.1 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

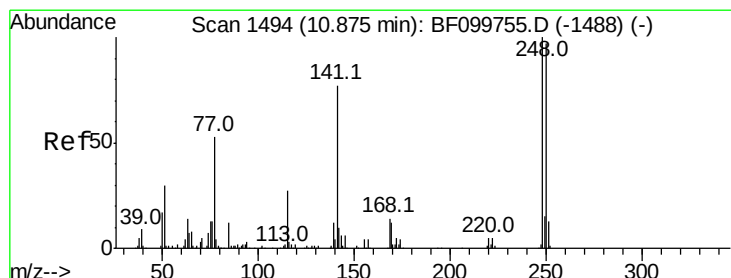
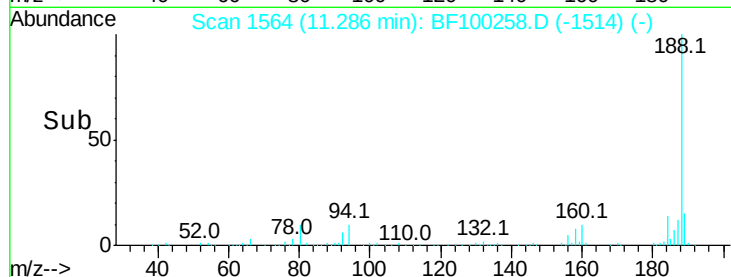
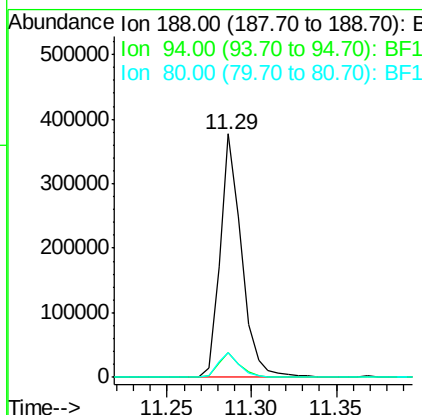
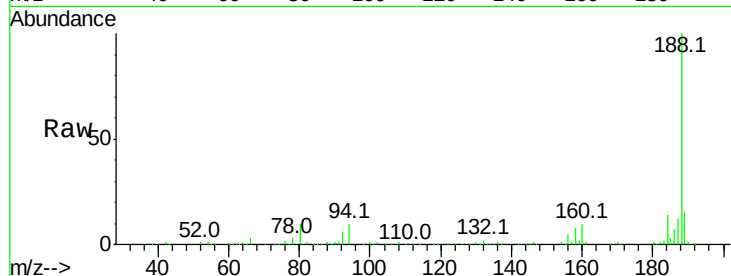




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF100258.D
Acq: 6 Nov 2017 18:39

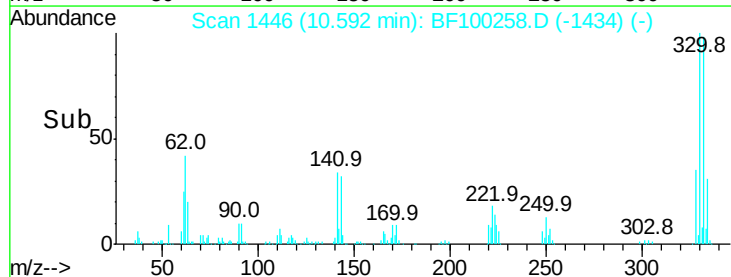
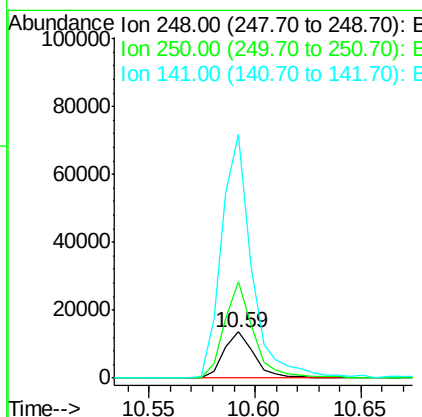
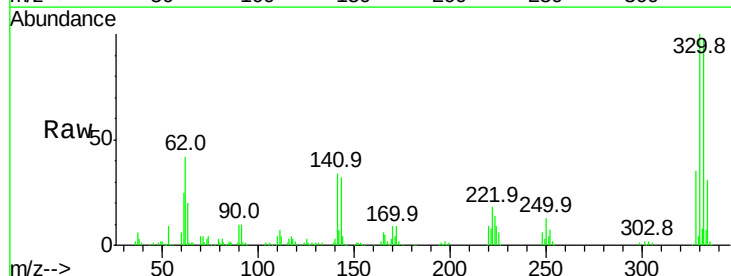
Instrument :
BNA_F
ClientSampleId :

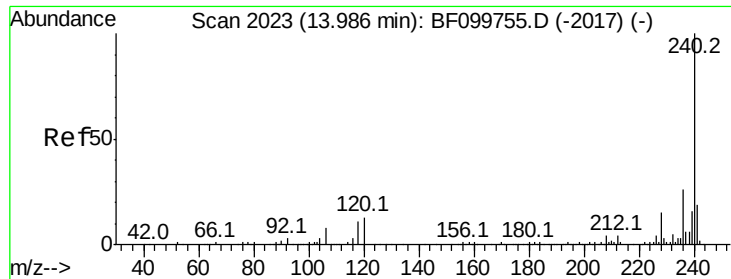
Tot Ion:188 Resp: 334466
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 10.3 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.795 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.23 min
Lab File: BF100258.D
Acq: 6 Nov 2017 18:39

Tgt Ion:248 Resp: 13363
Ion Ratio Lower Upper
248 100
250 210.0 76.9 115.3#
141 527.6 74.4 111.6#

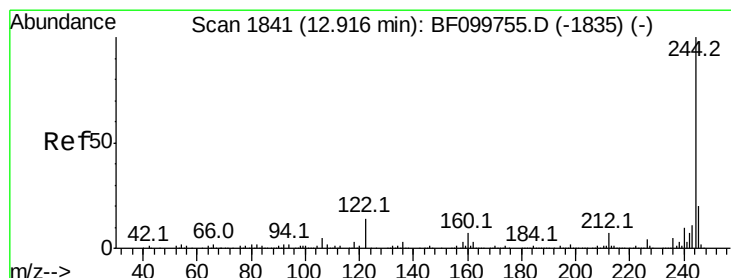
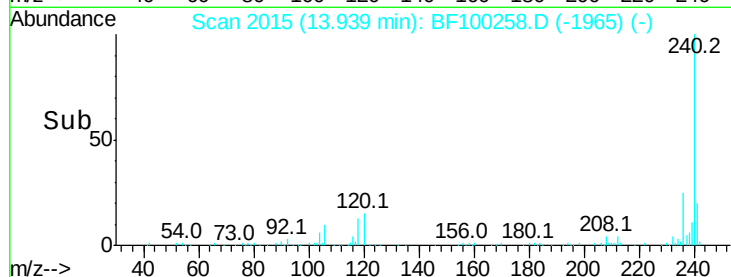
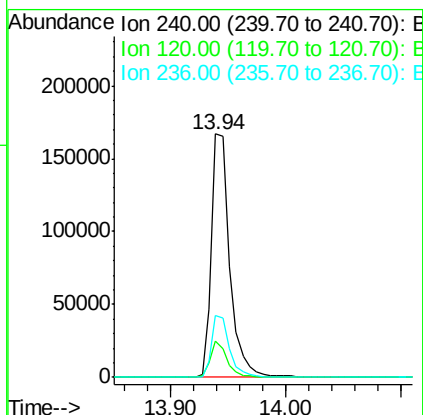
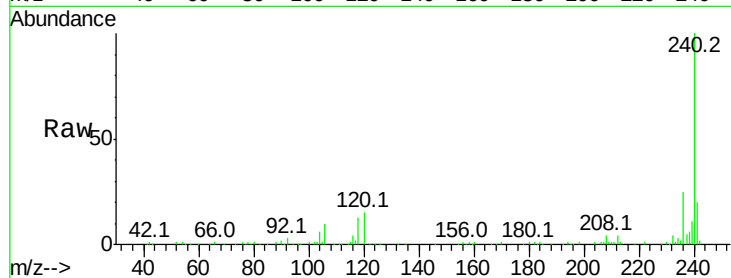




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF100258.D
 Acq: 6 Nov 2017 18:39

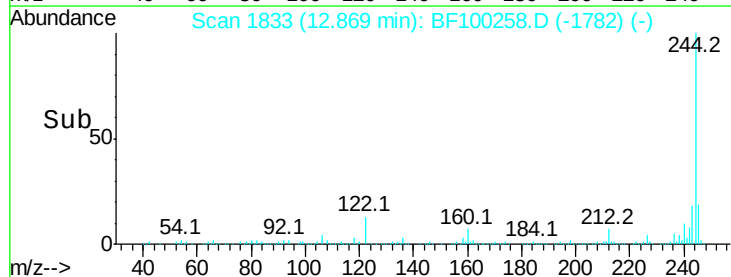
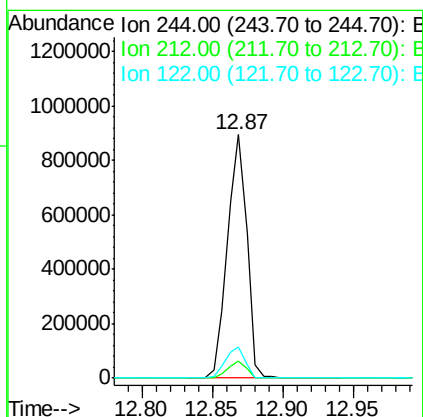
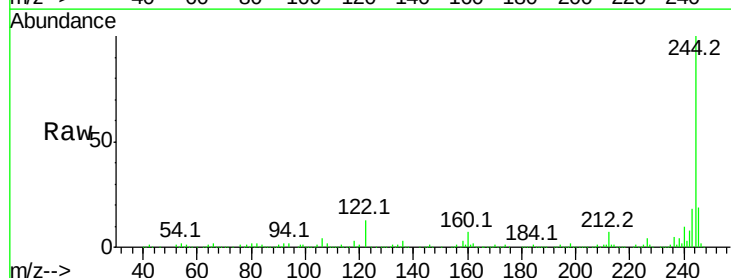
Instrument :
 BNA_F
 ClientSampleId :

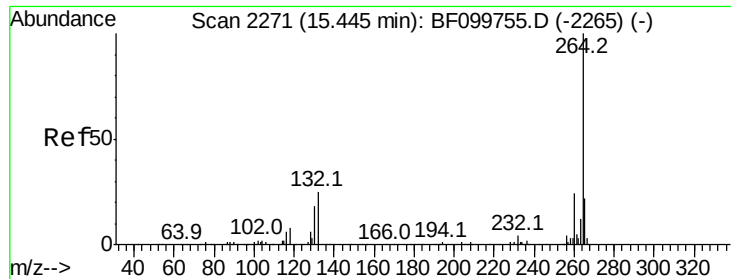
Tot Ion:240 Resp: 184135
 Ion Ratio Lower Upper
 240 100
 120 15.0 9.5 14.3#
 236 25.3 20.7 31.1



#78
 Terphenyl-d14
 Concen: 101.783 ng
 RT: 12.87 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: BF100258.D
 Acq: 6 Nov 2017 18:39

Tgt Ion:244 Resp: 857605
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 13.0 11.0 16.4

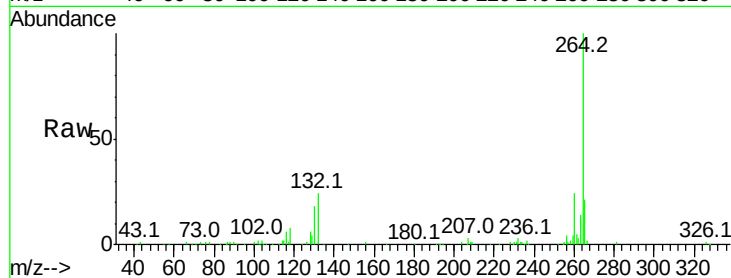




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.00 min
Lab File: BF100258.D
Acq: 6 Nov 2017 18:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	20.8	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

