

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110417\
 Data File : BF100207.D
 Acq On : 5 Nov 2017 4:39
 Operator : SJ/JU
 Sample : I6327-06
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 05 23:57:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:46:10 2017
 Response via : Initial Calibration

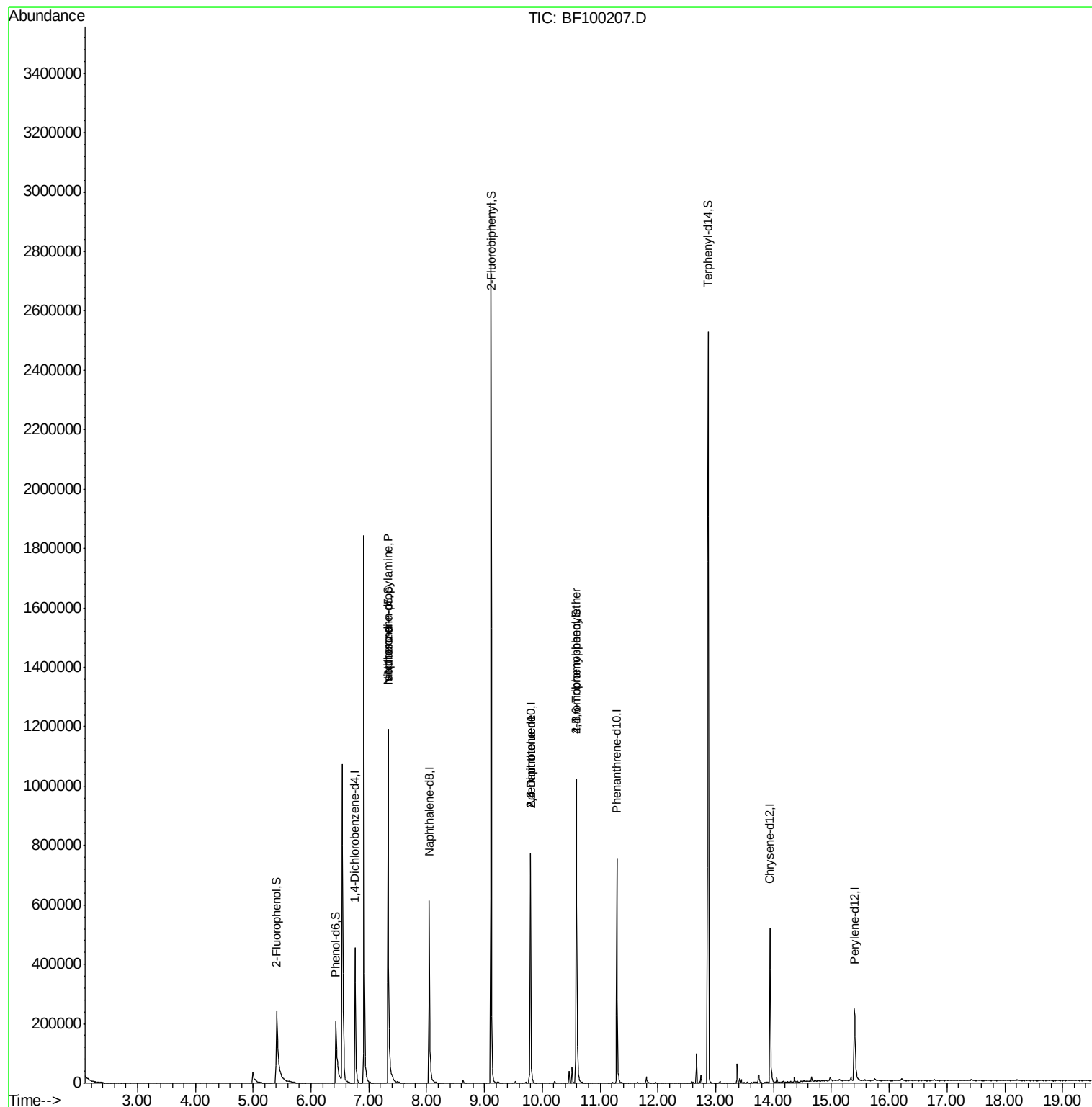
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	86757	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	366202	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	174427	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	322919	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	209175	20.00	ng	-0.01
86) Perylene-d12	15.40	264	144576	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	218743	39.58	ng	0.01
7) Phenol-d6	6.43	99	188983	28.84	ng	0.00
23) Nitrobenzene-d5	7.34	82	495602	87.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	139944	88.04	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	995363	88.04	ng	-0.01
78) Terphenyl-d14	12.87	244	955790	99.86	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.34	70	59540	15.506	ng	# 68
25) Isophorone	7.34	82	495602	48.017	ng	# 64
50) 2,6-Dinitrotoluene	9.80	165	21998	7.575	ng	# 24
56) 2,4-Dinitrotoluene	9.80	165	21998	6.290	ng	# 21
66) 4-Bromophenyl-phenylether	10.59	248	8865	2.608	ng	# 1

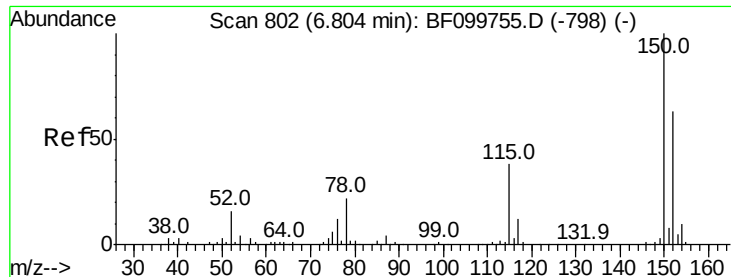
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110417\
Data File : BF100207.D
Acq On : 5 Nov 2017 4:39
Operator : SJ/JU
Sample : I6327-06
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 05 23:57:06 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 03 15:46:10 2017
Response via : Initial Calibration



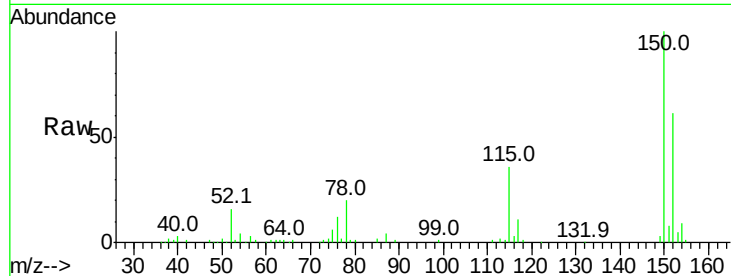


#1

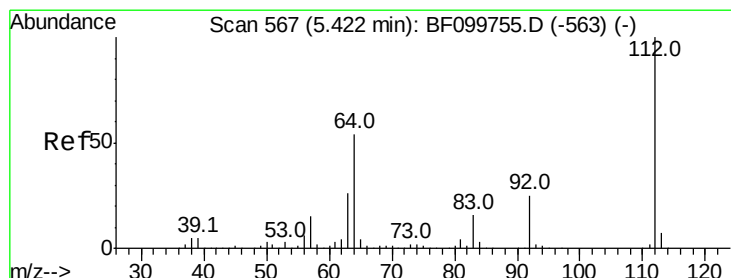
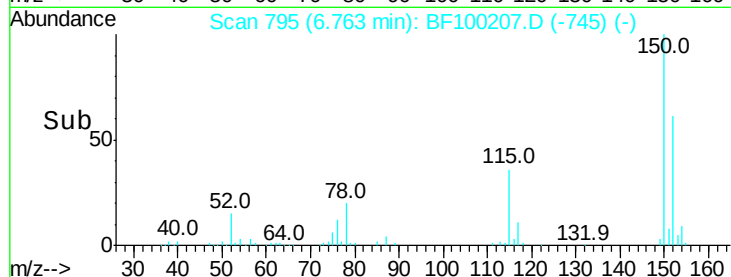
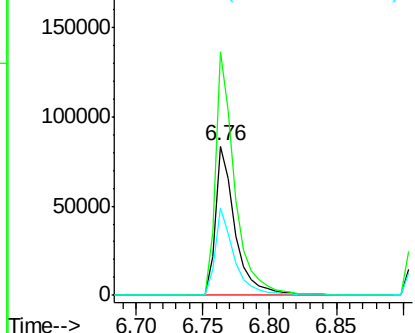
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF100207.D
Acq: 5 Nov 2017 4:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 86757
Ion Ratio Lower Upper
152 100
150 163.0 124.6 186.8
115 59.0 50.1 75.1



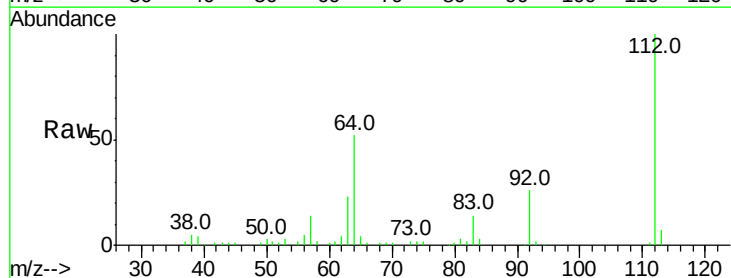
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



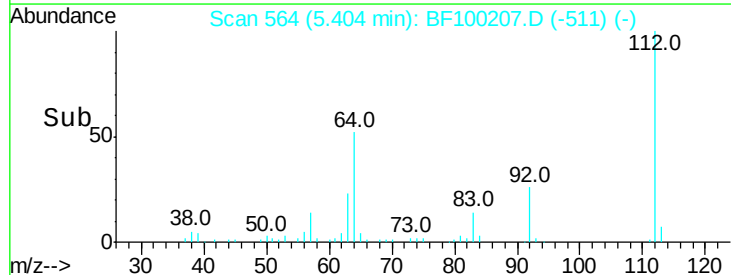
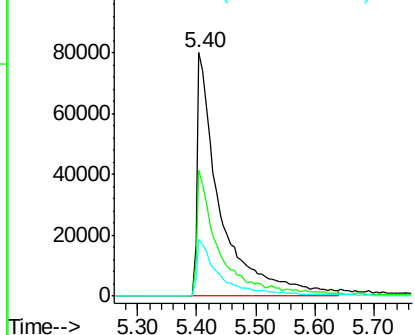
#5

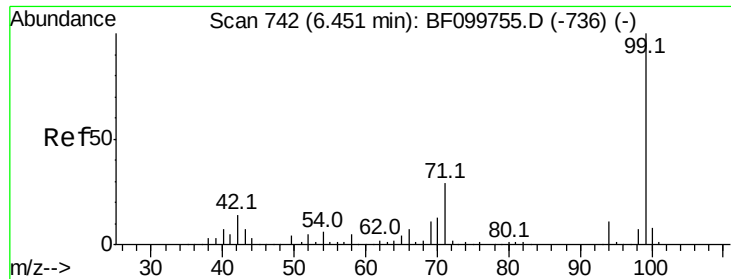
2-Fluorophenol
Concen: 39.584 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.01 min
Lab File: BF100207.D
Acq: 5 Nov 2017 4:39

Tgt Ion:112 Resp: 218743
Ion Ratio Lower Upper
112 100
64 51.6 47.9 71.9
63 23.2 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: 28.842 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF100207.D

Acq: 5 Nov 2017 4:39

Instrument :

BNA_F

ClientSampled :

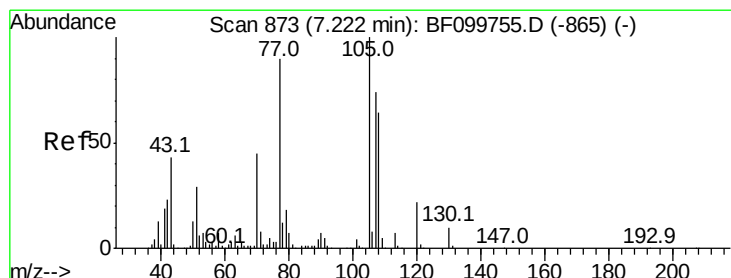
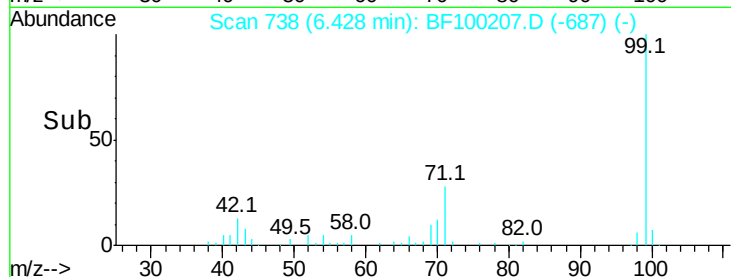
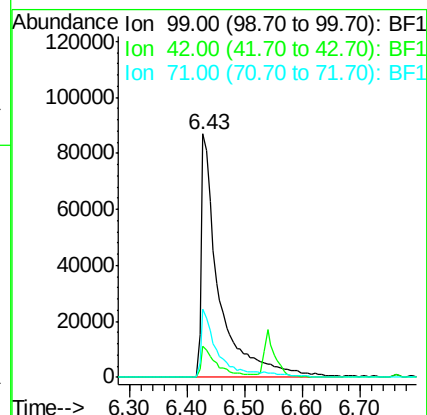
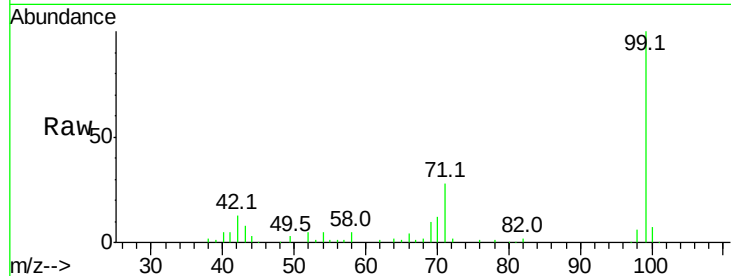
Tot Ion: 99 Resp: 188983

Ion Ratio Lower Upper

99 100

42 12.9 14.5 21.7#

71 28.0 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.506 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.15 min

Lab File: BF100207.D

Acq: 5 Nov 2017 4:39

Tgt Ion: 70 Resp: 59540

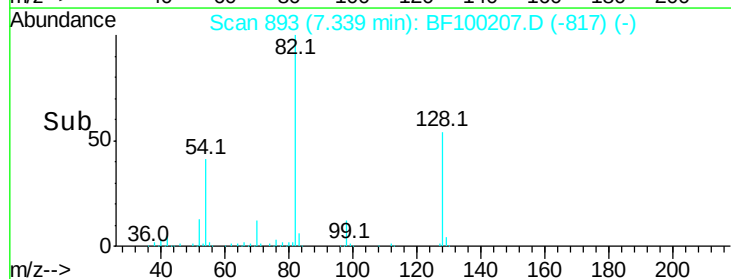
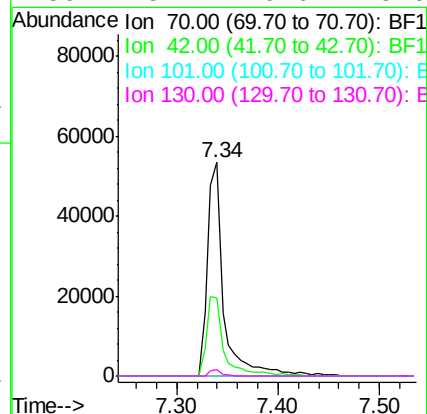
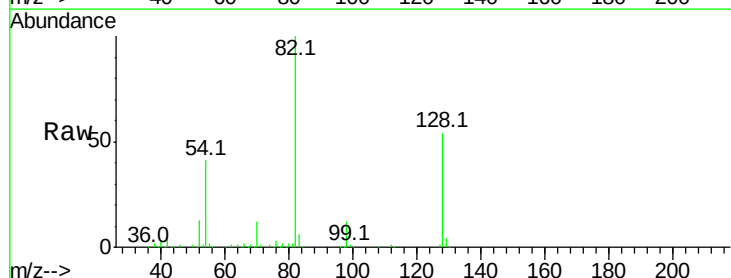
Ion Ratio Lower Upper

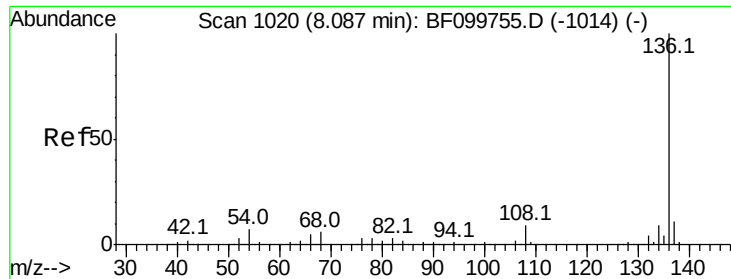
70 100

42 36.7 47.5 71.3#

101 0.0 7.4 11.2#

130 3.1 16.6 25.0#

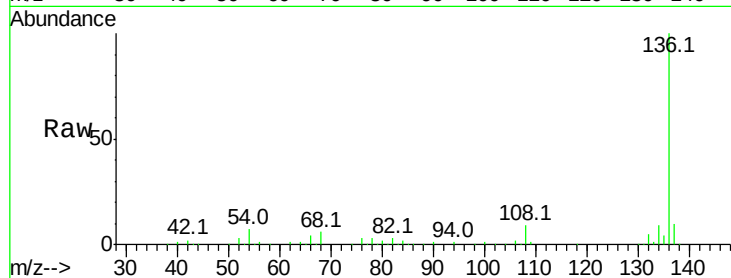




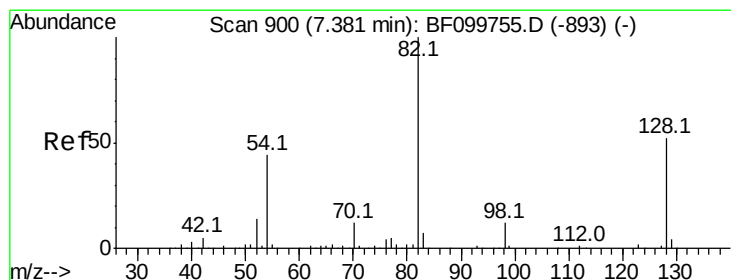
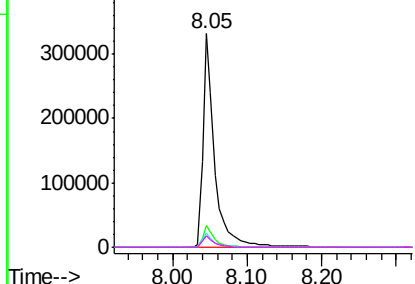
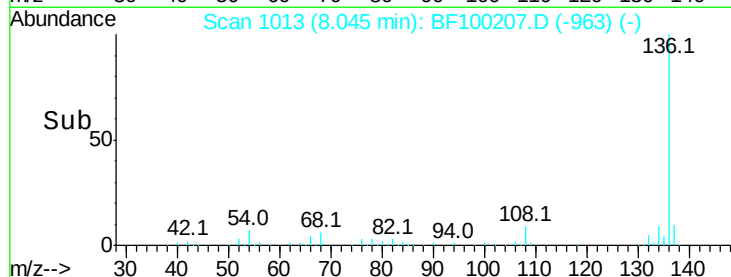
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF100207.D
Acq: 5 Nov 2017 4:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	366202
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	6.6	6.6	9.8
68	5.6	5.0	7.4

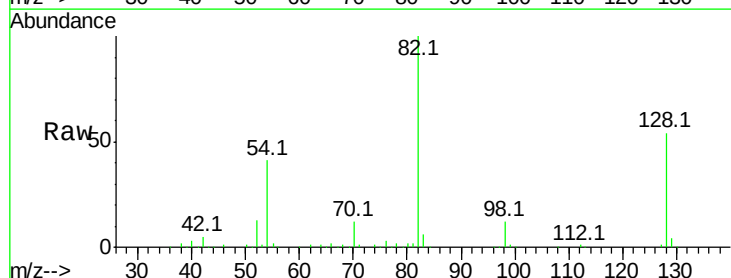


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

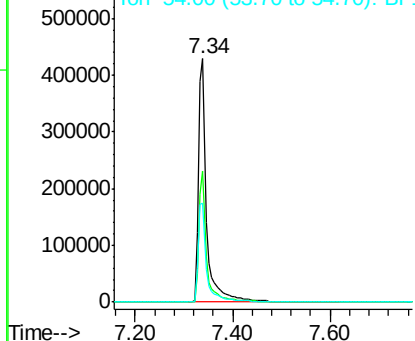
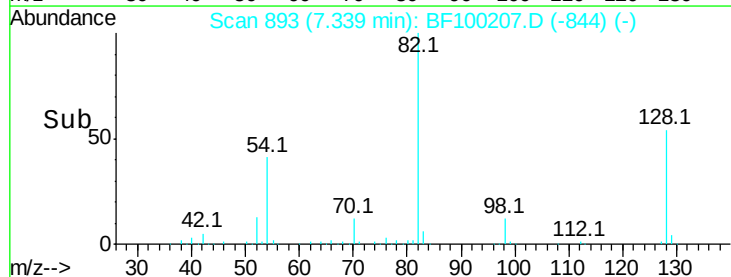


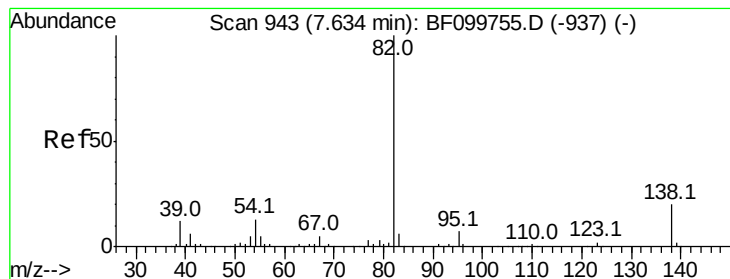
#23
Nitrobenzene-d5
Concen: 87.130 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF100207.D
Acq: 5 Nov 2017 4:39

Tgt Ion:	82	Resp:	495602
Ion	Ratio	Lower	Upper
82	100		
128	53.6	36.1	54.1
54	40.9	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: 48.017 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.26 min

Lab File: BF100207.D

Acq: 5 Nov 2017 4:39

Instrument :

BNA_F

ClientSampled :

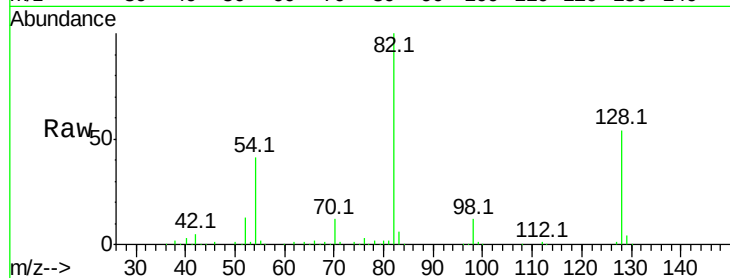
Tot Ion: 82 Resp: 495602

Ion Ratio Lower Upper

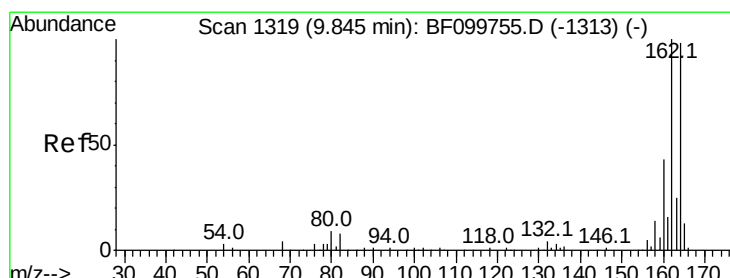
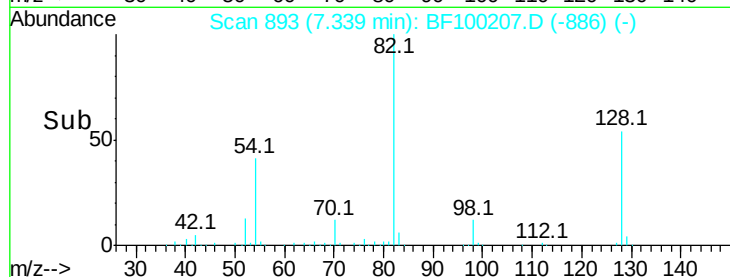
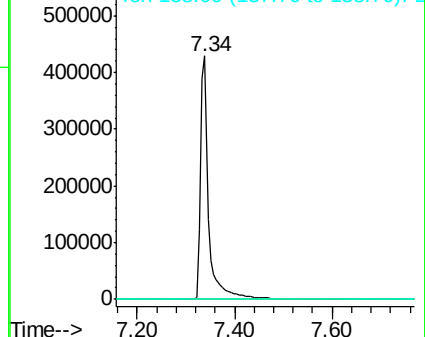
82 100

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: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF100207.D

Acq: 5 Nov 2017 4:39

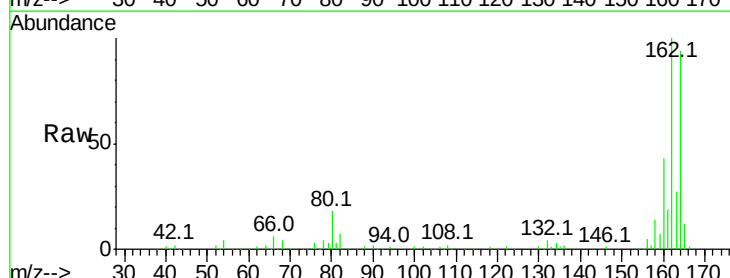
Tgt Ion:164 Resp: 174427

Ion Ratio Lower Upper

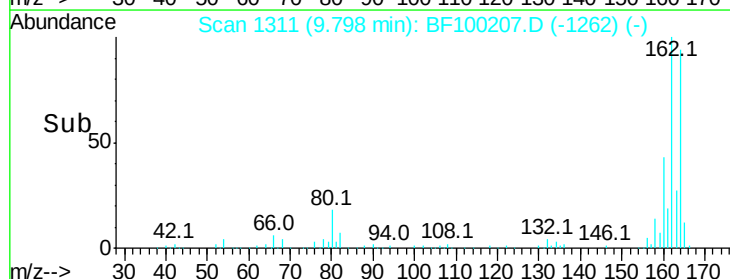
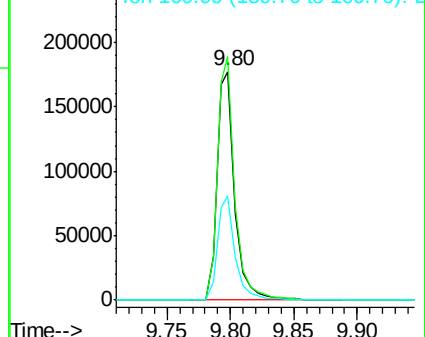
164 100

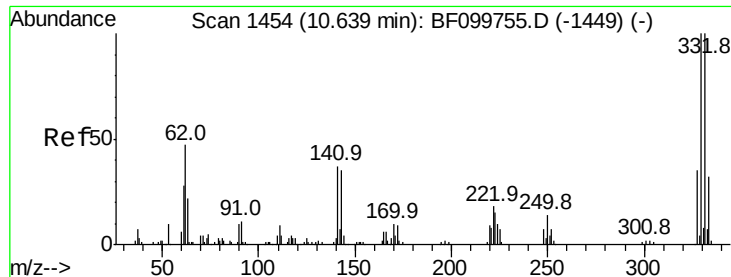
162 106.5 86.1 129.1

160 45.4 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

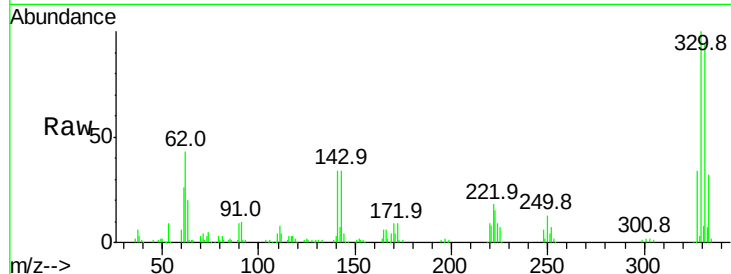




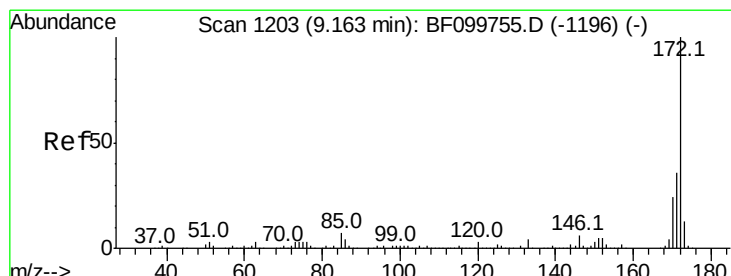
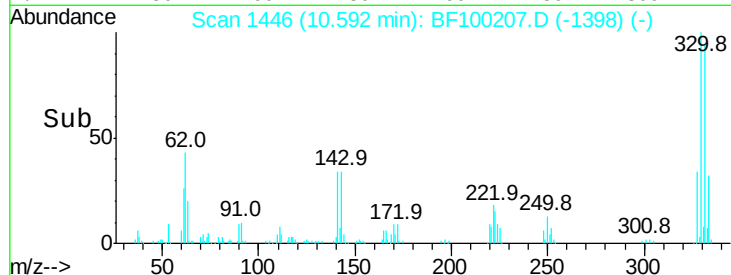
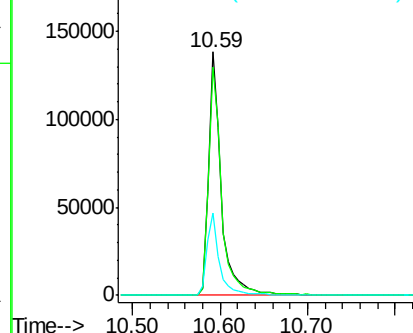
#41
 2,4,6-Tribromophenol
 Concen: 88.038 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.02 min
 Lab File: BF100207.D
 Acq: 5 Nov 2017 4:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	33.4	29.9	44.9

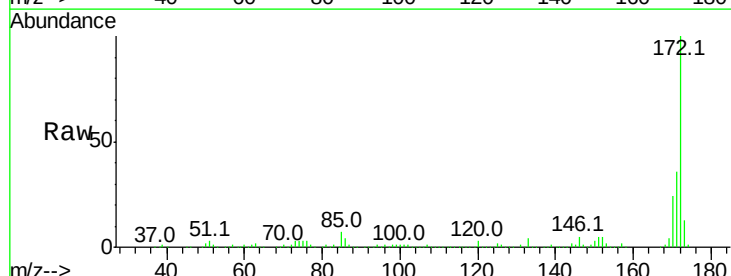


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

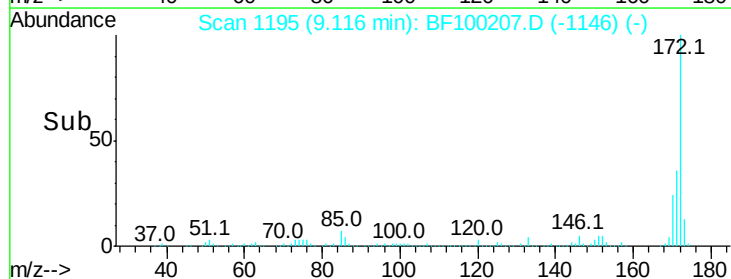
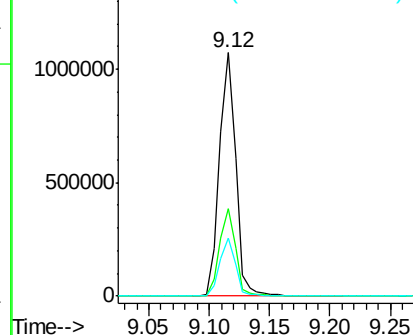


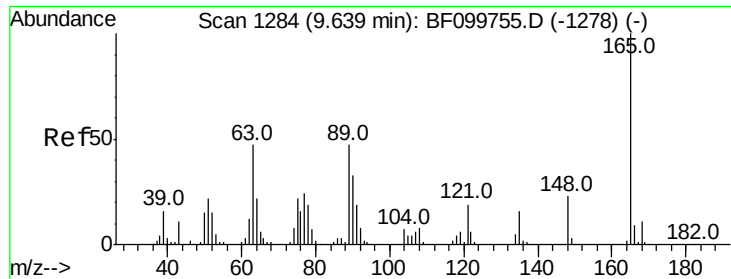
#44
 2-Fluorobiphenyl
 Concen: 88.042 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF100207.D
 Acq: 5 Nov 2017 4:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.8	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

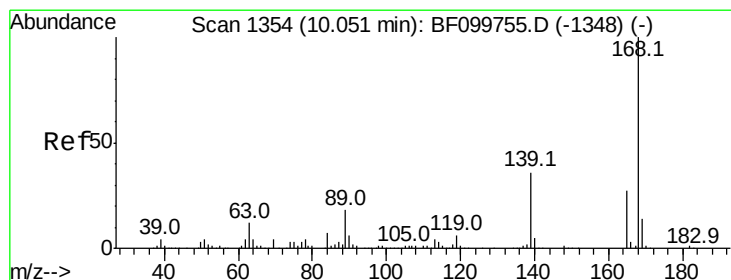
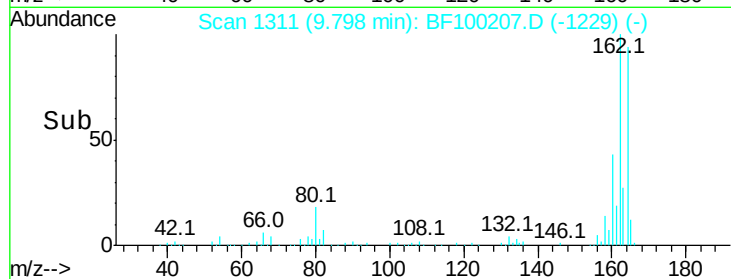
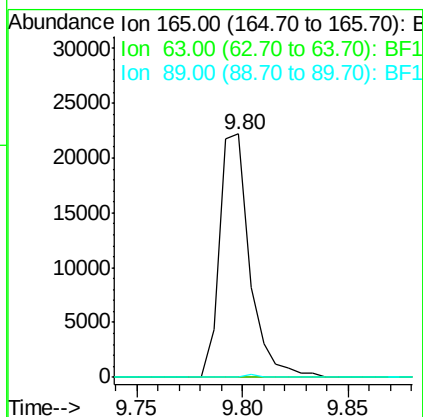
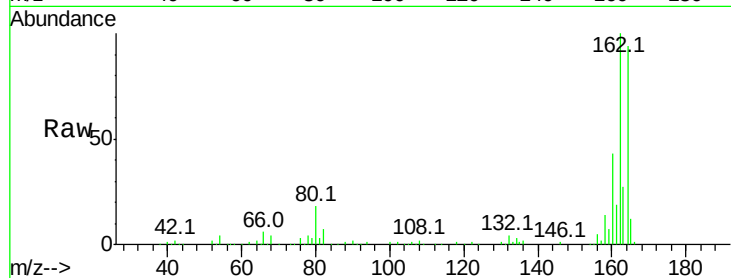




#50
 2,6-Dinitrotoluene
 Concen: 7.575 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. 0.18 min
 Lab File: BF100207.D
 Acq: 5 Nov 2017 4:39

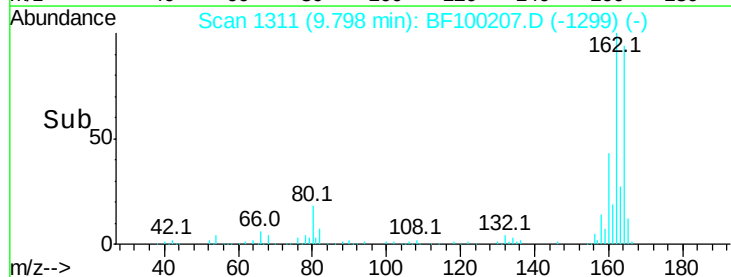
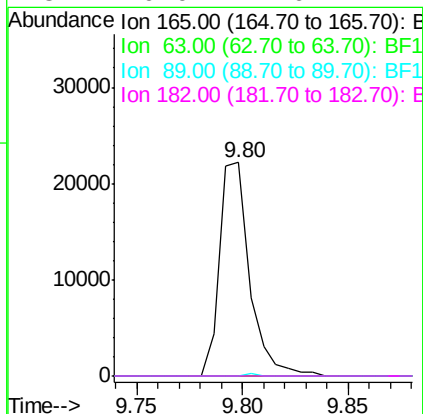
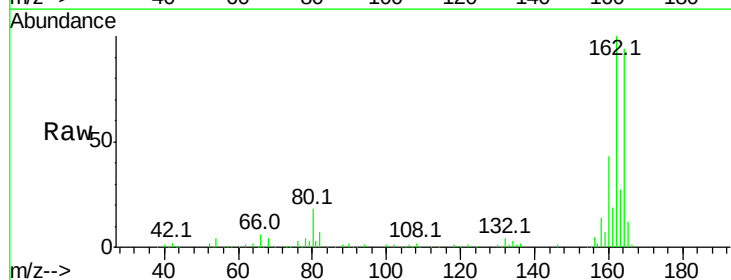
Instrument :
 BNA_F
 ClientSampleId :

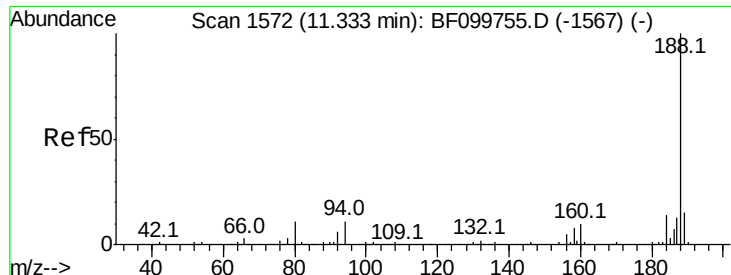
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.290 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.23 min
 Lab File: BF100207.D
 Acq: 5 Nov 2017 4:39

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#

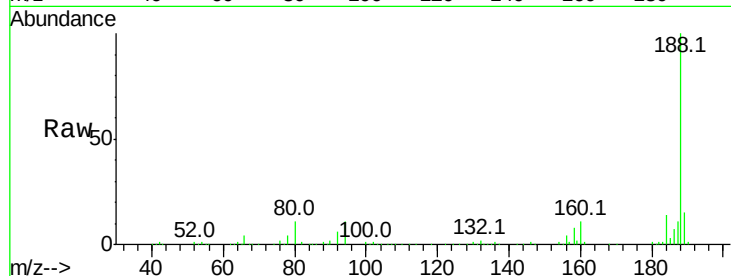




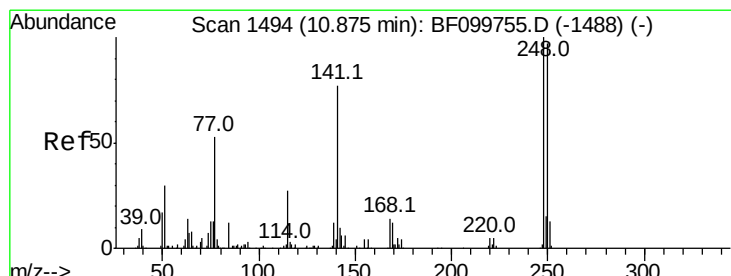
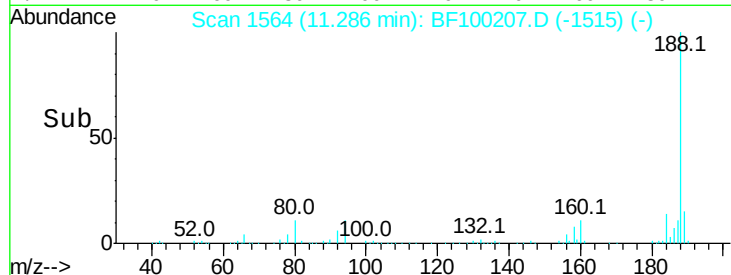
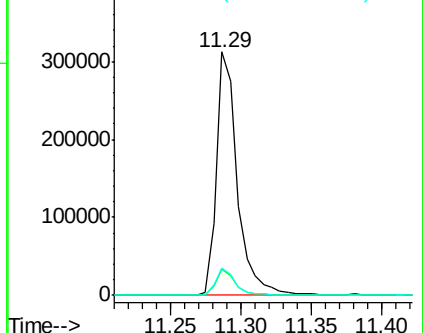
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF100207.D
Acq: 5 Nov 2017 4:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 322919
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 11.2 9.2 13.8

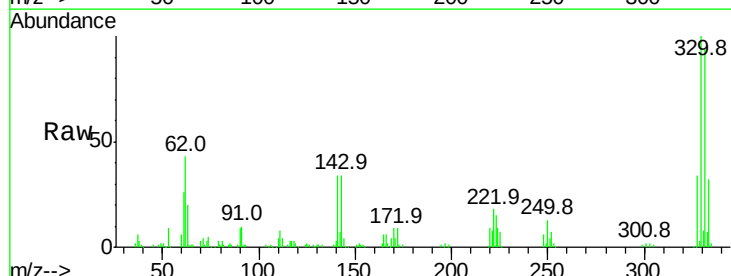


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

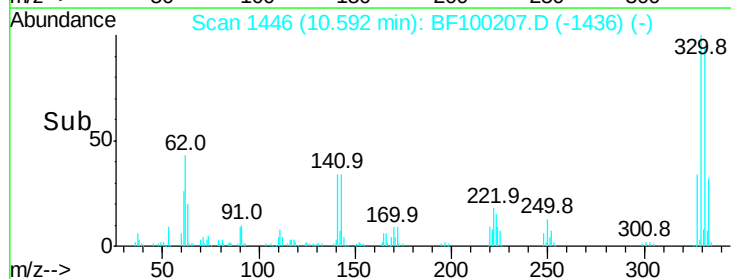
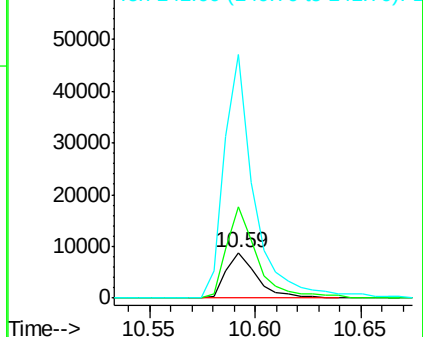


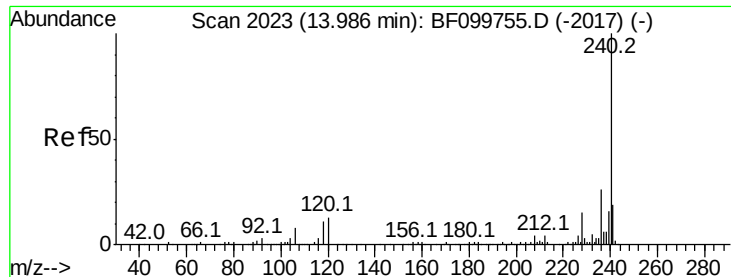
#66
4-Bromophenyl-phenylether
Concen: 2.608 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.24 min
Lab File: BF100207.D
Acq: 5 Nov 2017 4:39

Tgt Ion:248 Resp: 8865
Ion Ratio Lower Upper
248 100
250 199.5 76.9 115.3#
141 533.0 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: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF100207.D

Acq: 5 Nov 2017 4:39

Instrument :

BNA_F

ClientSampled :

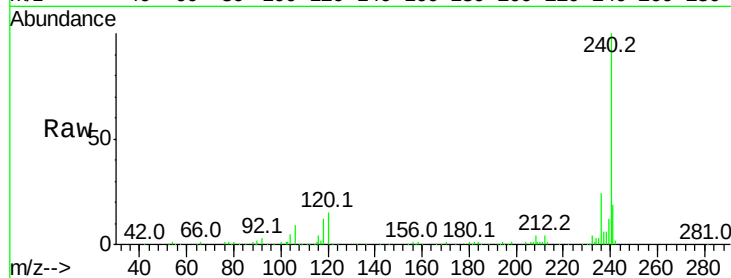
Tot Ion:240 Resp: 209175

Ion Ratio Lower Upper

240 100

120 14.6 9.5 14.3#

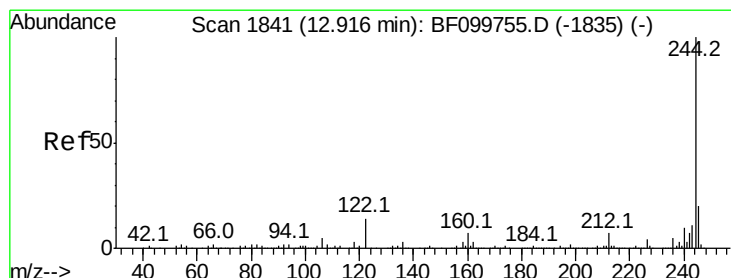
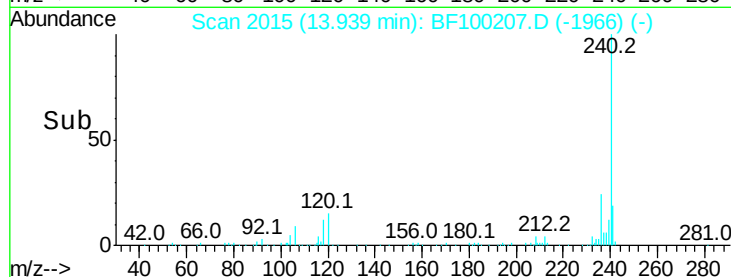
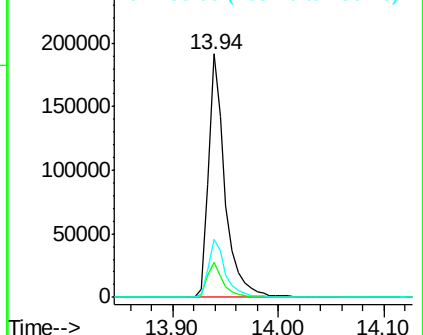
236 23.9 20.7 31.1



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: 99.857 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF100207.D

Acq: 5 Nov 2017 4:39

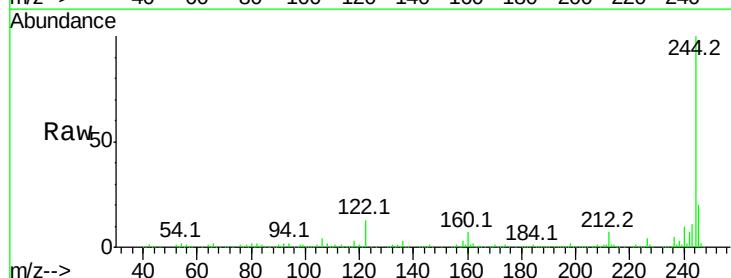
Tgt Ion:244 Resp: 955790

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

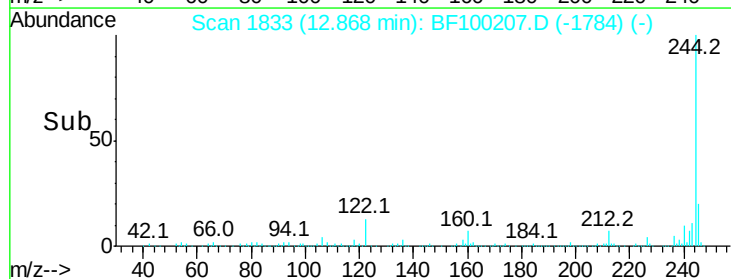
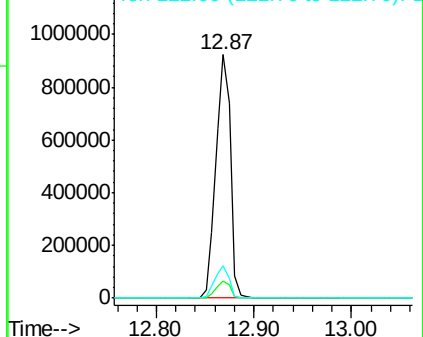
122 13.4 11.0 16.4

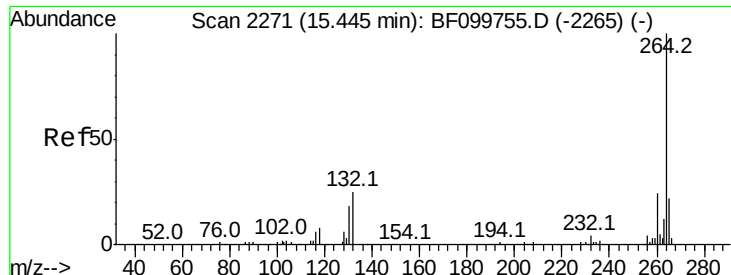


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

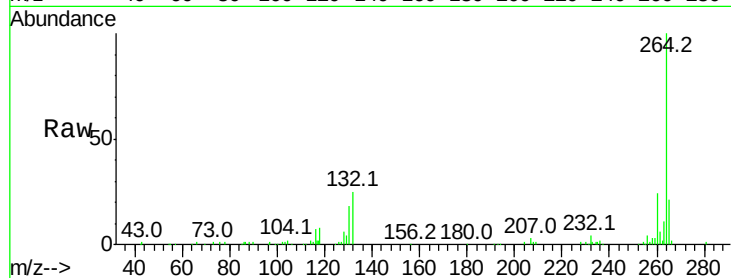




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BF100207.D
Acq: 5 Nov 2017 4:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.9	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

