

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120716\
 Data File : BF091477.D
 Acq On : 7 Dec 2016 18:51
 Operator : UM/SJ
 Sample : PB95097BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95097BL

Quant Time: Dec 08 00:24:42 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

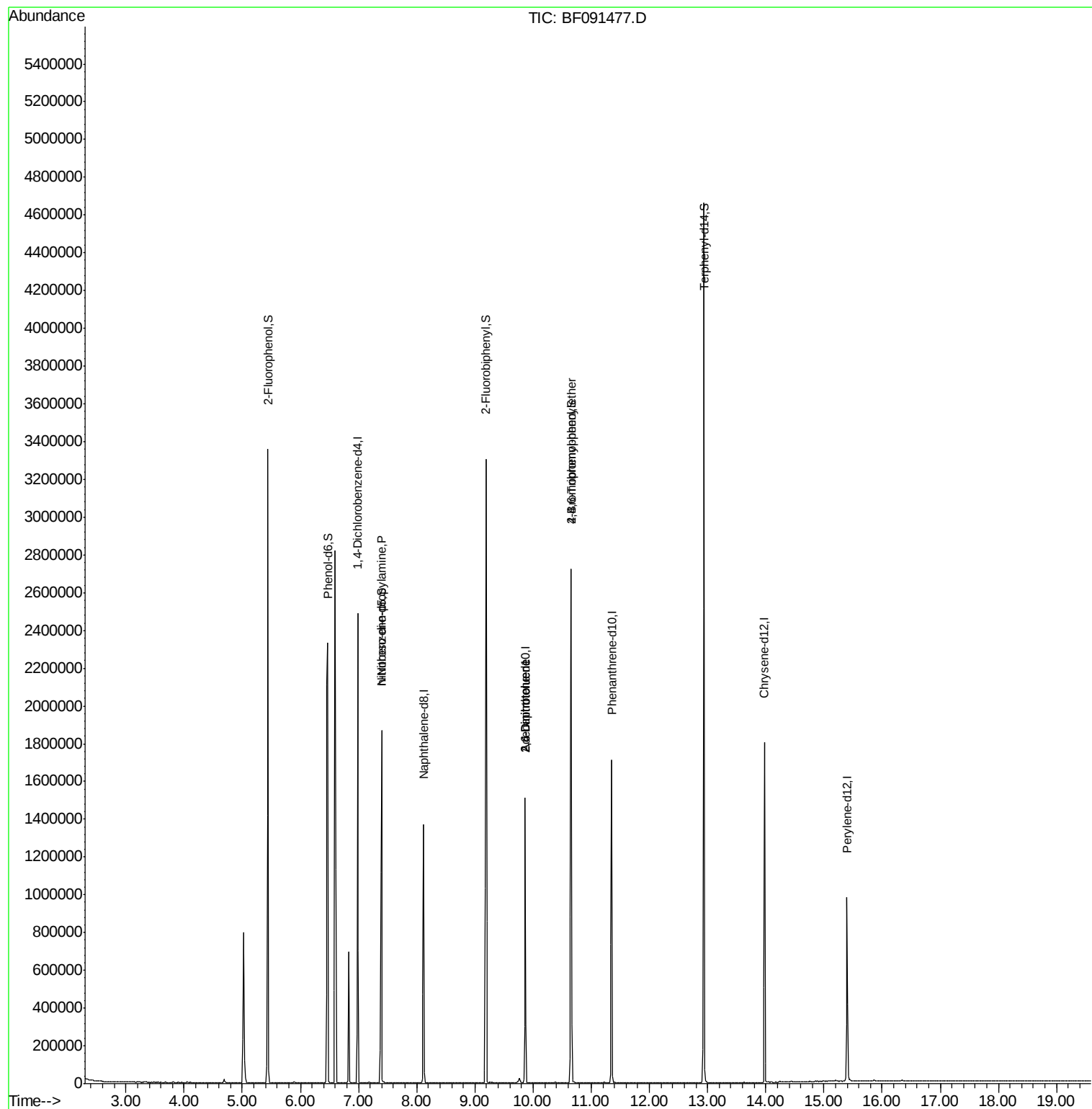
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	377039	20.00	ng	0.11
21) Naphthalene-d8	8.12	136	636716	20.00	ng	-0.05
38) Acenaphthene-d10	9.86	164	361920	20.00	ng	-0.05
63) Phenanthrene-d10	11.35	188	736097	20.00	ng	-0.05
75) Chrysene-d12	13.98	240	659013	20.00	ng	-0.06
86) Perylene-d12	15.40	264	478213	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	847077	36.70	ng	-0.03
7) Phenol-d6	6.47	99	1126445	39.65	ng	-0.03
23) Nitrobenzene-d5	7.40	82	703317	61.90	ng	-0.05
41) 2,4,6-Tribromophenol	10.65	330	343616	100.29	ng	-0.05
44) 2-Fluorobiphenyl	9.19	172	1238109	61.94	ng	-0.05
78) Terphenyl-d14	12.94	244	1761194	58.09	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	95813	5.35	ng	# 70
50) 2,6-Dinitrotoluene	9.86	165	47253	9.65	ng	# 16
56) 2,4-Dinitrotoluene	9.86	165	47256	7.44	ng	# 33
66) 4-Bromophenyl-phenylether	10.65	248	21389	2.70	ng	# 1

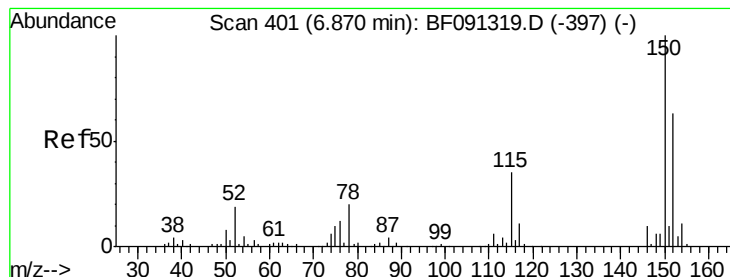
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120716\
Data File : BF091477.D
Acq On : 7 Dec 2016 18:51
Operator : UM/SJ
Sample : PB95097BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB95097BL

Quant Time: Dec 08 00:24:42 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 13:33:46 2016
Response via : Initial Calibration

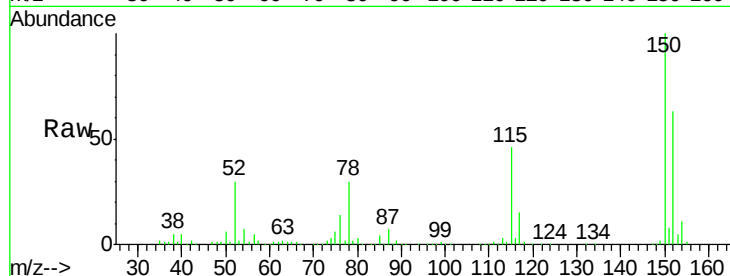




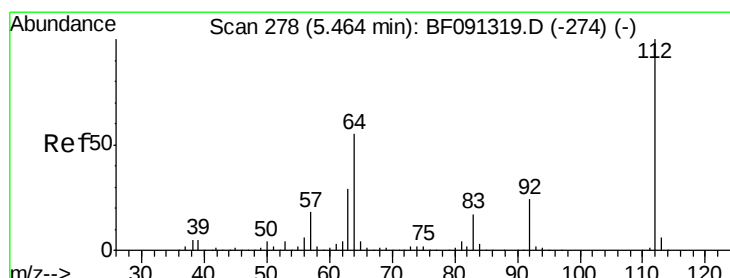
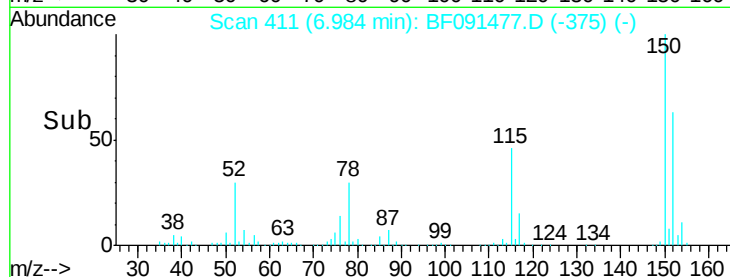
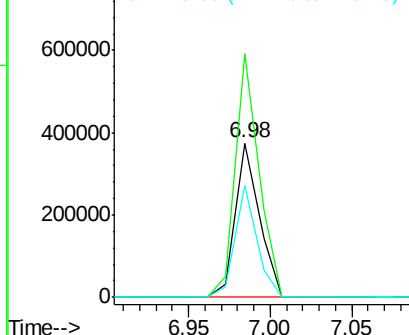
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.98 min Scan# 411
 Delta R.T. 0.11 min
 Lab File: BF091477.D
 Acq: 7 Dec 2016 18:51

Instrument :
 BNA_F
 ClientSampleId :
 PB95097BL

Tgt Ion:152 Resp: 377039
 Ion Ratio Lower Upper
 152 100
 150 157.8 122.5 183.7
 115 72.7 51.8 77.8

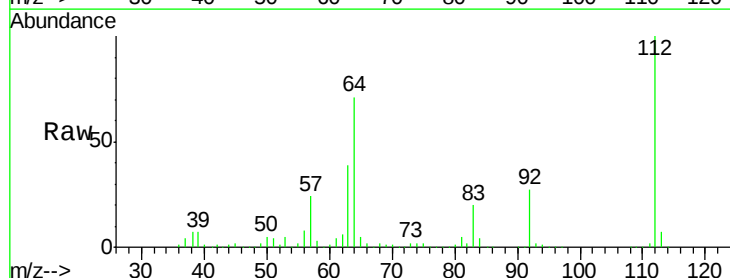


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

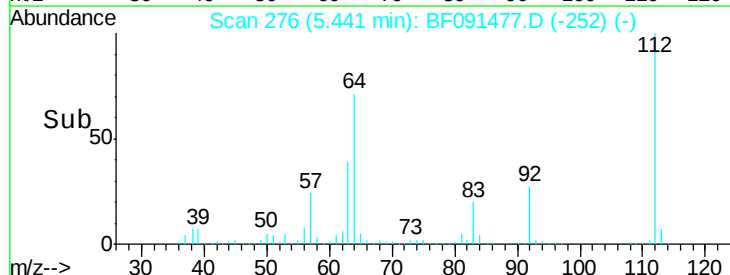
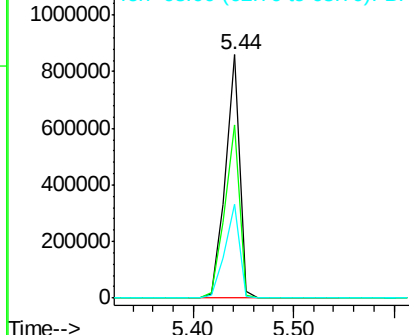


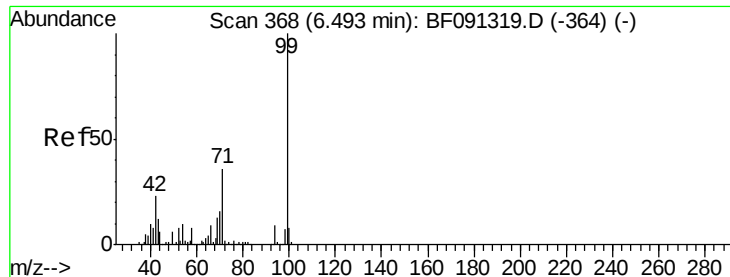
#5
 2-Fluorophenol
 Concen: 36.70 ng
 RT: 5.44 min Scan# 276
 Delta R.T. -0.03 min
 Lab File: BF091477.D
 Acq: 7 Dec 2016 18:51

Tgt Ion:112 Resp: 847077
 Ion Ratio Lower Upper
 112 100
 64 71.3 61.5 92.3
 63 38.6 33.3 49.9



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 39.65 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.03 min

Lab File: BF091477.D

Acq: 7 Dec 2016 18:51

Instrument :

BNA_F

ClientSampled :

PB95097BL

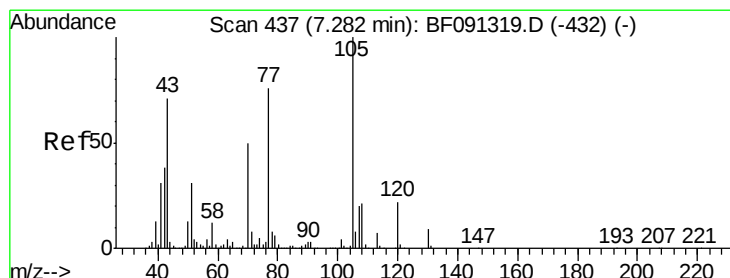
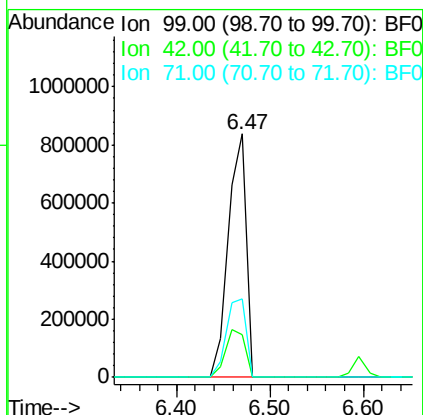
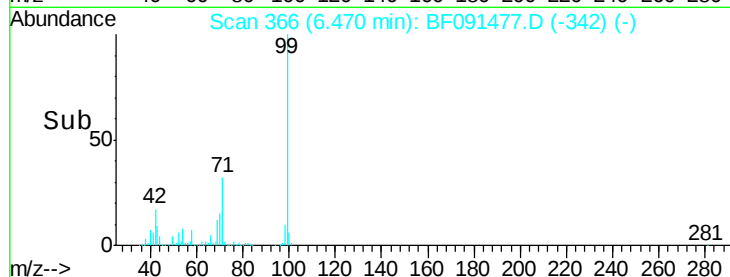
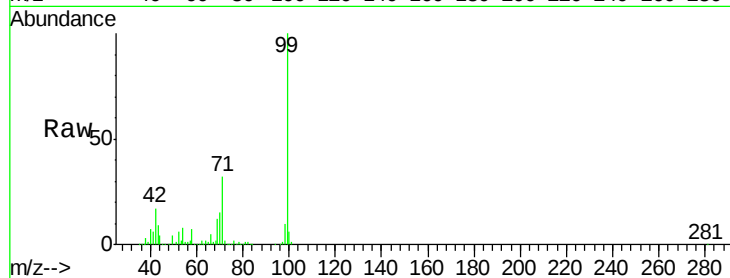
Tgt Ion: 99 Resp: 1126445

Ion Ratio Lower Upper

99 100

42 17.3 20.6 31.0#

71 32.4 29.9 44.9



#19

n-Nitroso-di-n-propylamine

Concen: 5.35 ng

RT: 7.40 min Scan# 447

Delta R.T. 0.10 min

Lab File: BF091477.D

Acq: 7 Dec 2016 18:51

Tgt Ion: 70 Resp: 95813

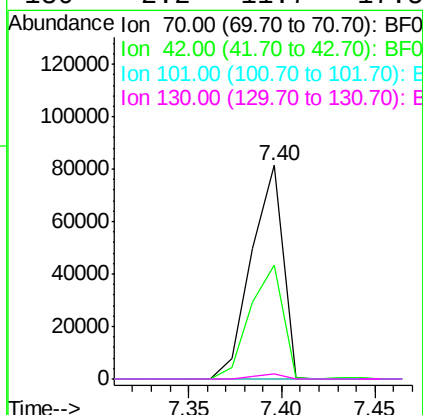
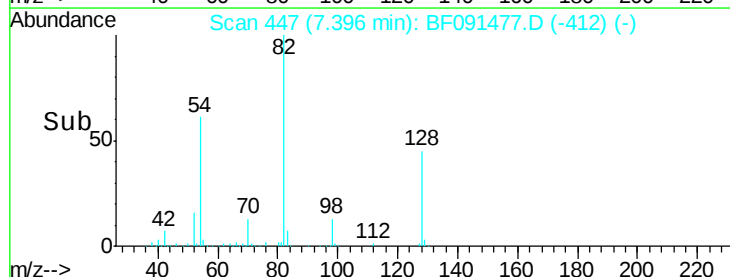
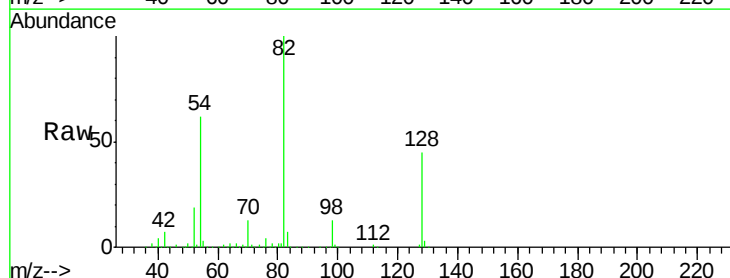
Ion Ratio Lower Upper

70 100

42 53.4 64.8 97.2#

101 0.0 6.2 9.4#

130 2.2 11.7 17.5#

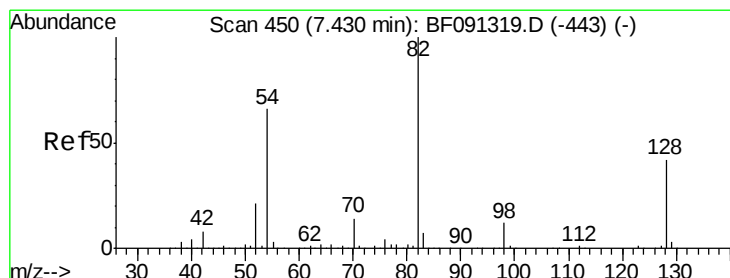
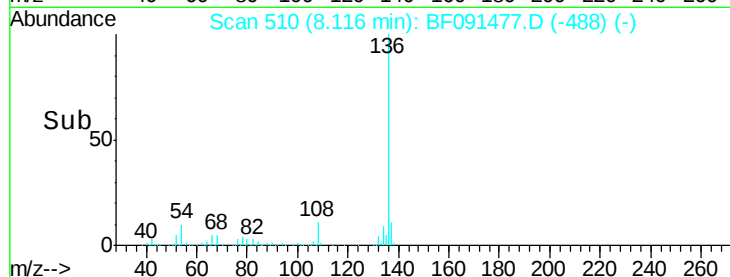
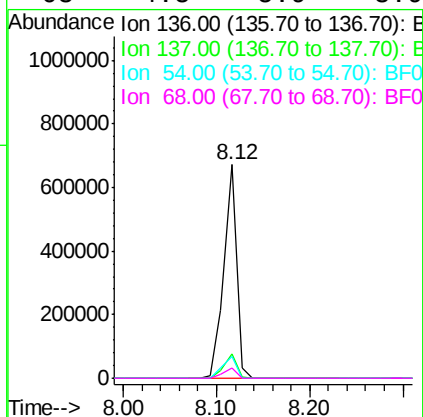
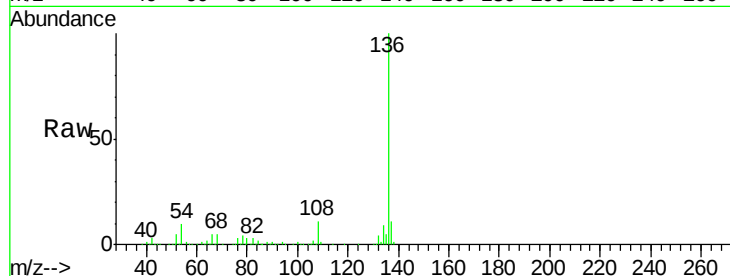




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 510
Delta R.T. -0.05 min
Lab File: BF091477.D
Acq: 7 Dec 2016 18:51

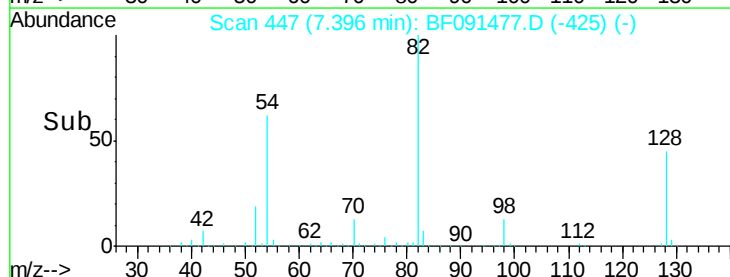
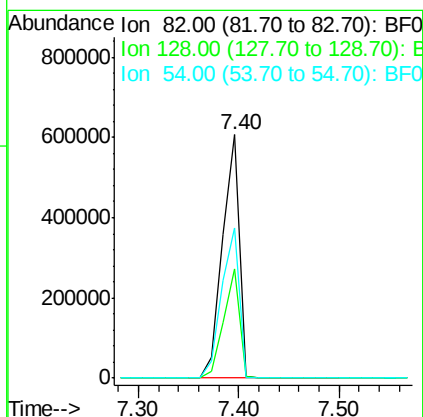
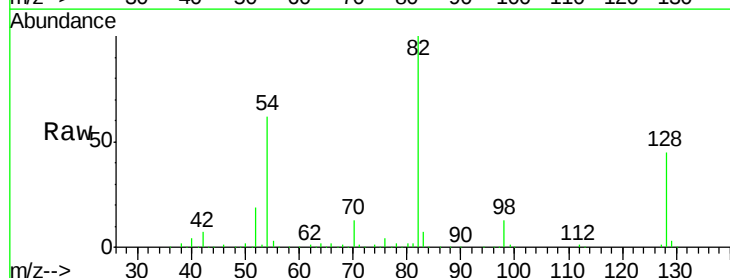
Instrument :
BNA_F
ClientSampleId :
PB95097BL

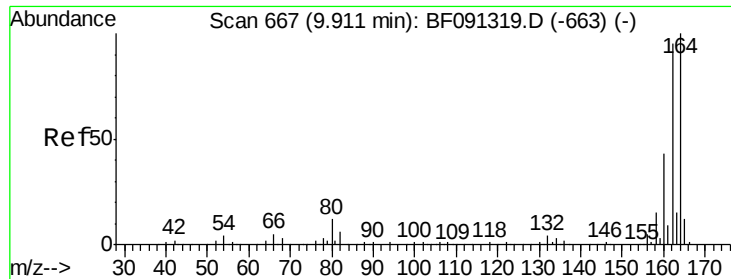
Tgt Ion:	136	Resp:	636716
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	10.2	9.1	13.7
68	4.5	5.9	8.9#



#23
Nitrobenzene-d5
Concen: 61.90 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.05 min
Lab File: BF091477.D
Acq: 7 Dec 2016 18:51

Tgt Ion:	82	Resp:	703317
Ion	Ratio	Lower	Upper
82	100		
128	45.0	31.8	47.6
54	61.6	49.1	73.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 663

Delta R.T. -0.05 min

Lab File: BF091477.D

Acq: 7 Dec 2016 18:51

Instrument :

BNA_F

ClientSampleId :

PB95097BL

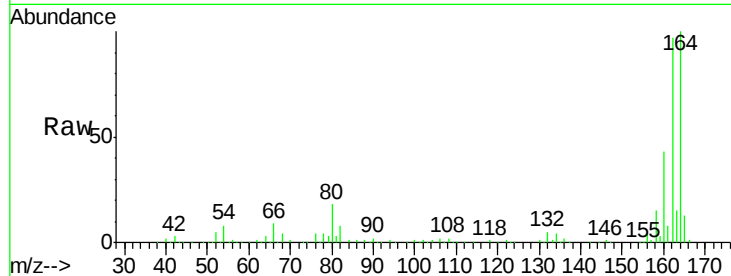
Tgt Ion:164 Resp: 361920

Ion Ratio Lower Upper

164 100

162 96.6 82.6 124.0

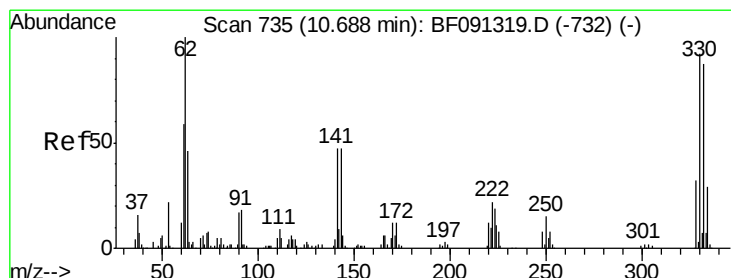
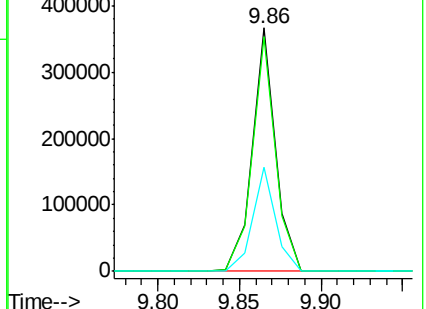
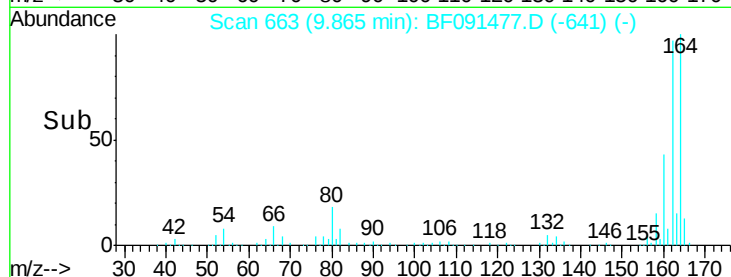
160 42.8 36.7 55.1



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: 100.29 ng

RT: 10.65 min Scan# 732

Delta R.T. -0.05 min

Lab File: BF091477.D

Acq: 7 Dec 2016 18:51

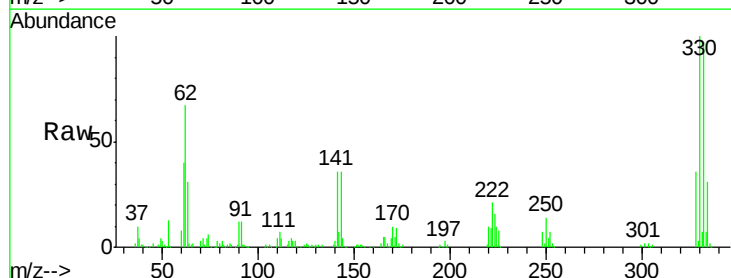
Tgt Ion:330 Resp: 343616

Ion Ratio Lower Upper

330 100

332 96.6 76.2 114.4

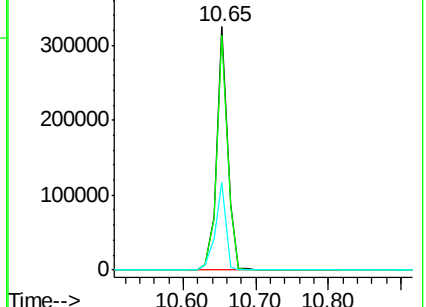
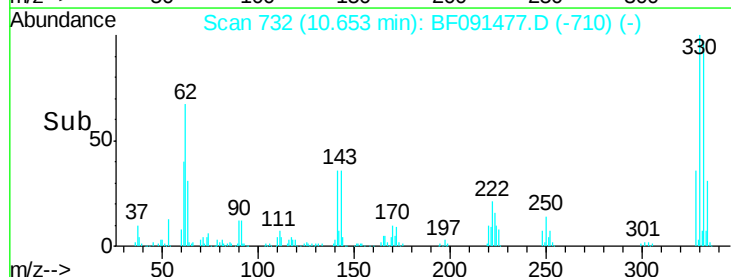
141 34.0 33.6 50.4

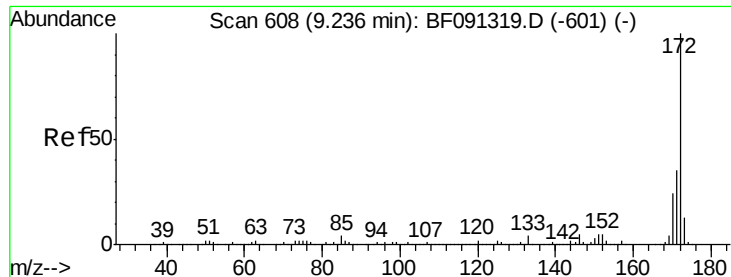


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

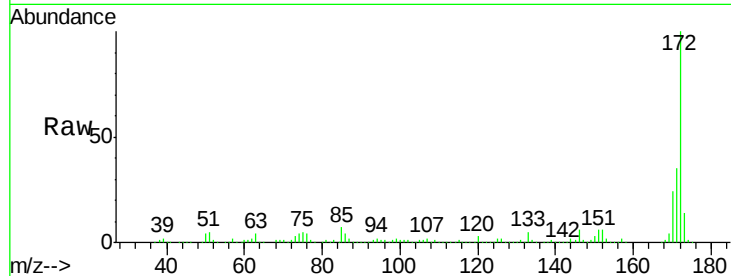




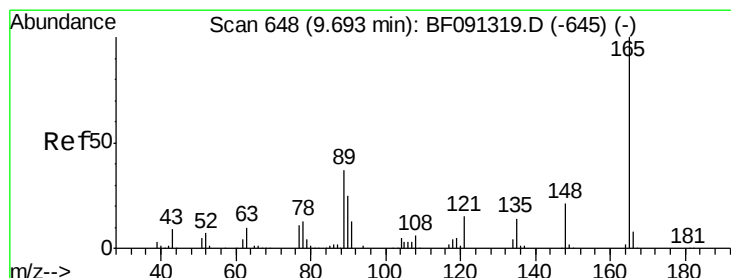
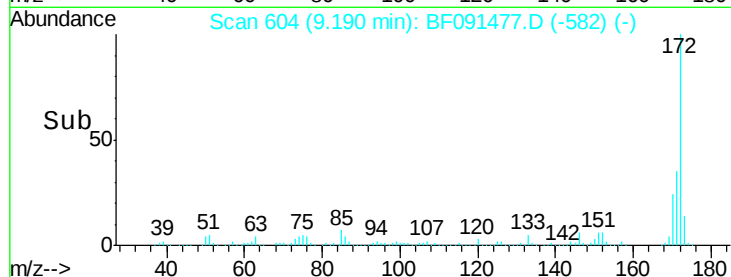
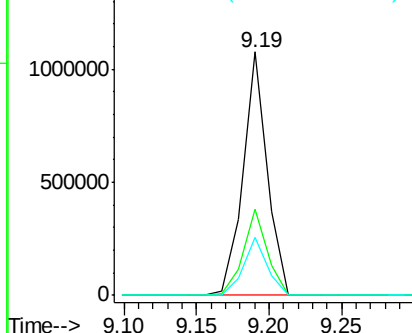
#44
 2-Fluorobiphenyl
 Concen: 61.94 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.05 min
 Lab File: BF091477.D
 Acq: 7 Dec 2016 18:51

Instrument :
 BNA_F
 ClientSampleId :
 PB95097BL

Tgt Ion:172 Resp: 1238109
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.4 44.0
 170 24.1 19.7 29.5

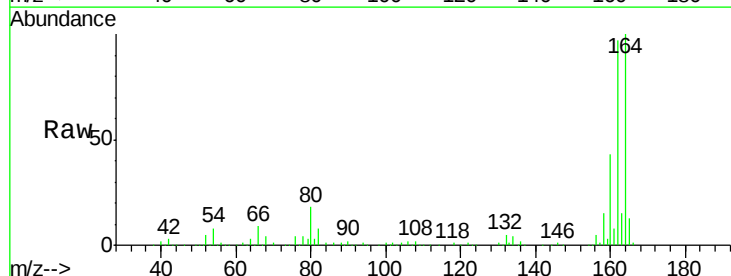


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

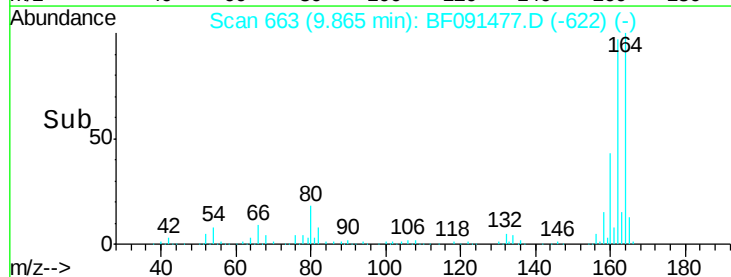
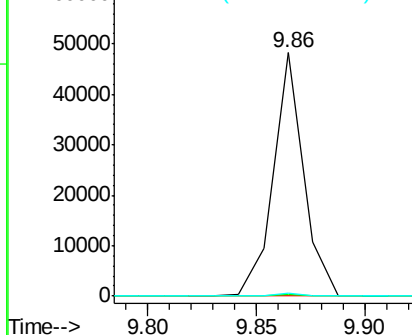


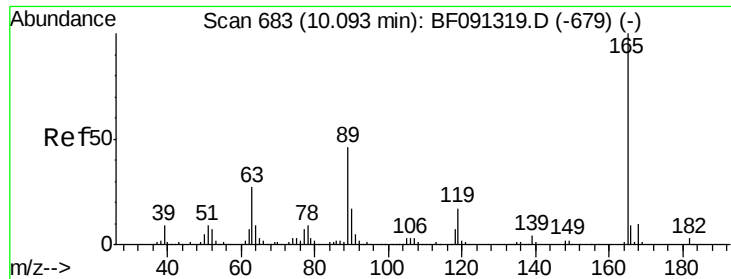
#50
 2,6-Dinitrotoluene
 Concen: 9.65 ng
 RT: 9.86 min Scan# 663
 Delta R.T. 0.17 min
 Lab File: BF091477.D
 Acq: 7 Dec 2016 18:51

Tgt Ion:165 Resp: 47253
 Ion Ratio Lower Upper
 165 100
 63 0.9 59.4 89.0#
 89 1.2 50.8 76.2#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

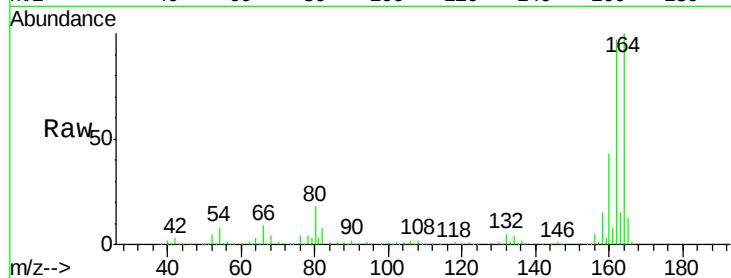




#56
 2,4-Dinitrotoluene
 Concen: 7.44 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.23 min
 Lab File: BF091477.D
 Acq: 7 Dec 2016 18:51

Instrument :
 BNA_F
 ClientSampleId :
 PB95097BL

Tgt Ion:	165	Resp:	47256
Ion Ratio	Lower	Upper	
165	100		
63	0.9	29.0	43.4#
89	1.2	43.1	64.7#
182	0.0	1.9	2.9#

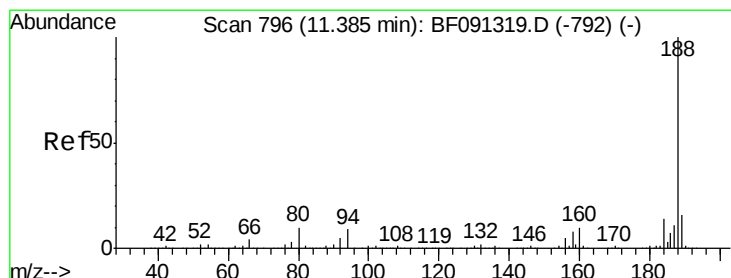
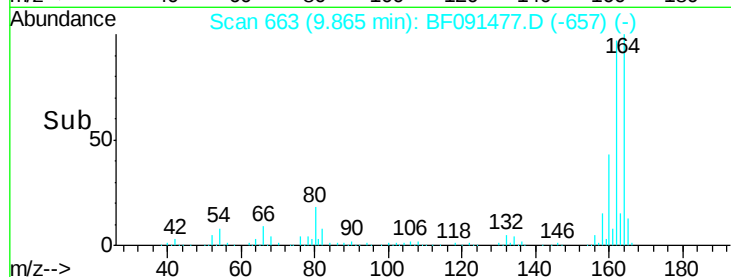
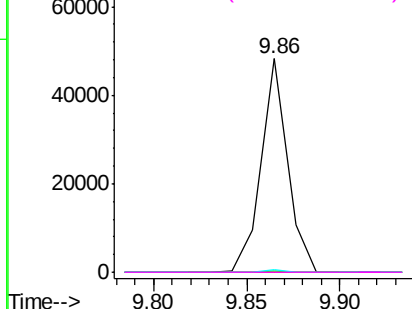


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

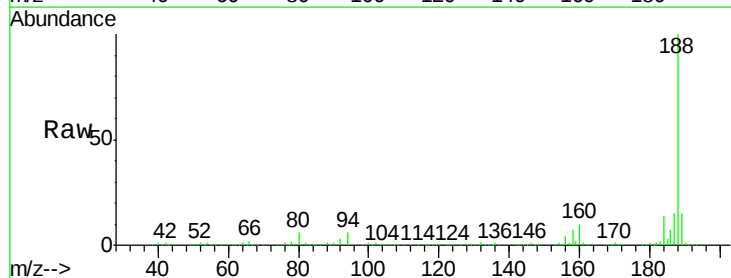
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.35 min Scan# 793
 Delta R.T. -0.05 min
 Lab File: BF091477.D
 Acq: 7 Dec 2016 18:51

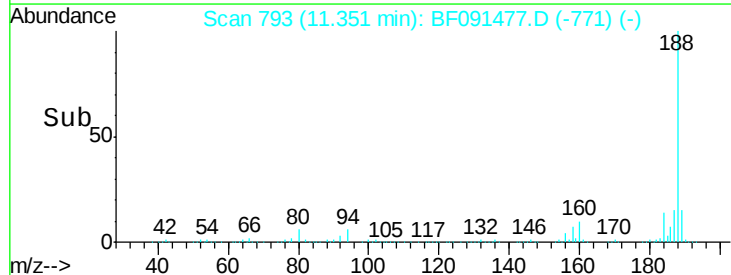
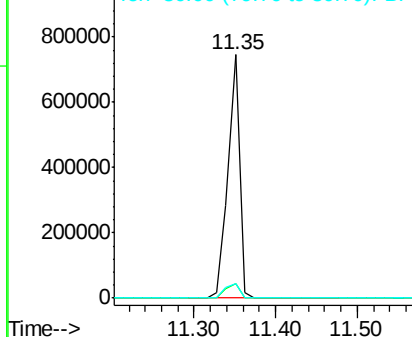
Tgt Ion:	188	Resp:	736097
Ion Ratio	Lower	Upper	
188	100		
94	5.8	9.2	13.8#
80	6.1	10.5	15.7#

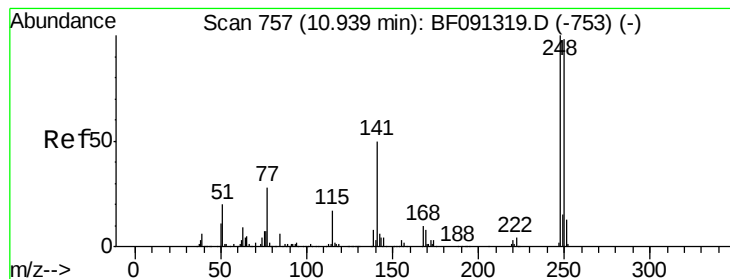


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 2.70 ng

RT: 10.65 min Scan# 732

Delta R.T. -0.30 min

Lab File: BF091477.D

Acq: 7 Dec 2016 18:51

Instrument :

BNA_F

ClientSampleId :

PB95097BL

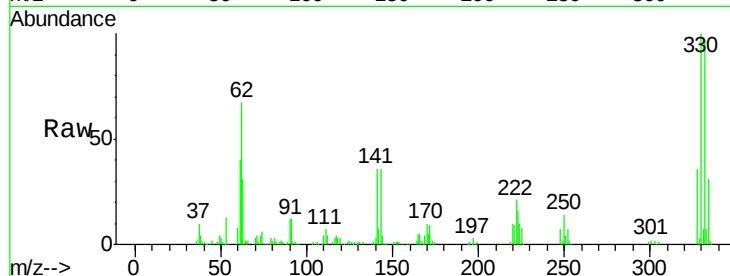
Tgt Ion:248 Resp: 21389

Ion Ratio Lower Upper

248 100

250 201.5 78.2 117.4#

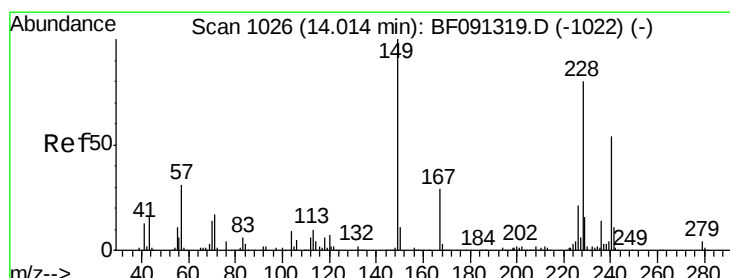
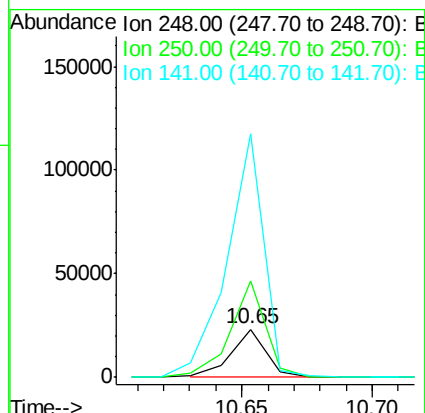
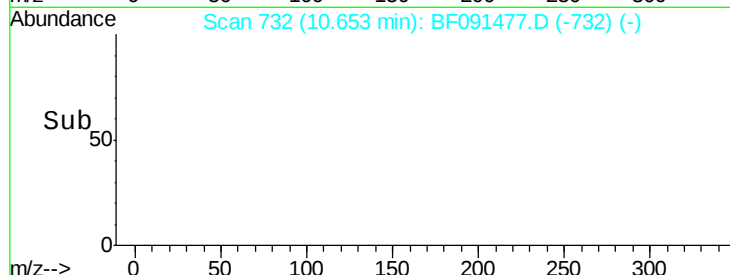
141 506.4 71.9 107.9#



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: 20.00 ng

RT: 13.98 min Scan# 1023

Delta R.T. -0.06 min

Lab File: BF091477.D

Acq: 7 Dec 2016 18:51

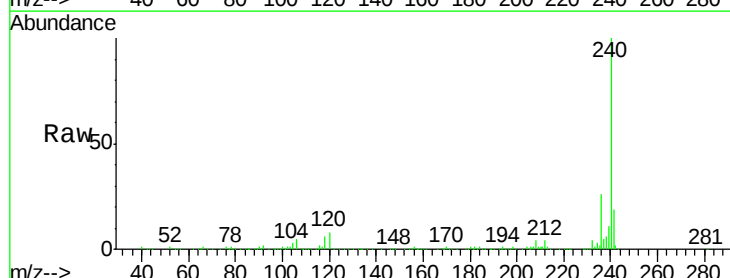
Tgt Ion:240 Resp: 659013

Ion Ratio Lower Upper

240 100

120 7.7 12.1 18.1#

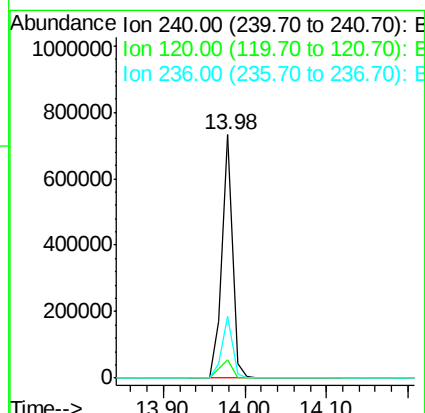
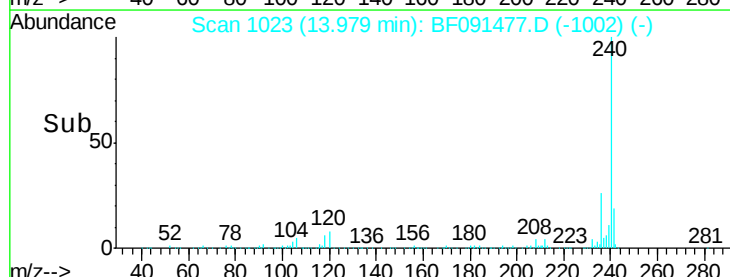
236 25.6 21.0 31.6

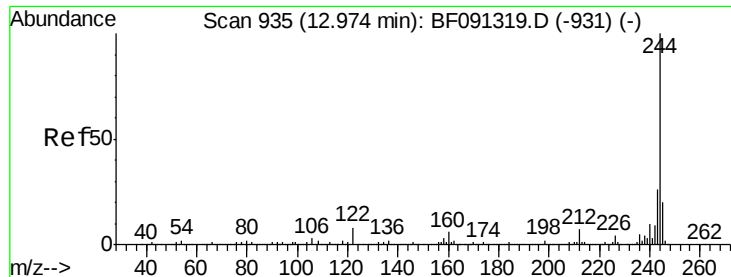


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

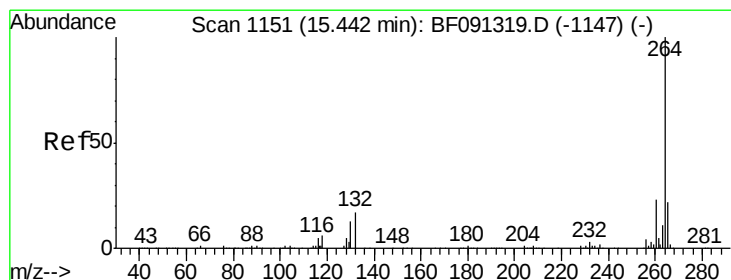
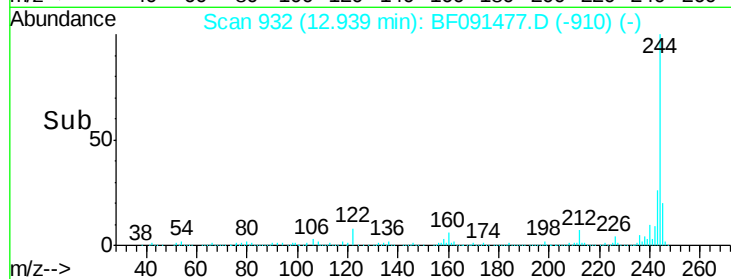
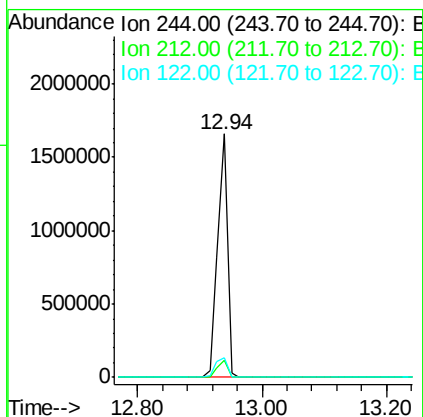
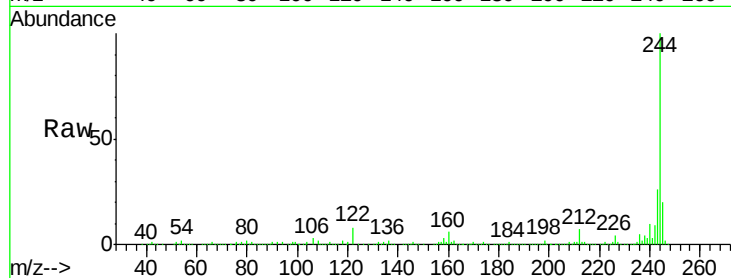




#78
 Terphenyl-d14
 Concen: 58.09 ng
 RT: 12.94 min Scan# 932
 Delta R.T. -0.05 min
 Lab File: BF091477.D
 Acq: 7 Dec 2016 18:51

Instrument :
 BNA_F
 ClientSampleId :
 PB95097BL

Tgt Ion:244 Resp: 1761194
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.5 9.7
 122 8.3 9.5 14.3#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. -0.07 min
 Lab File: BF091477.D
 Acq: 7 Dec 2016 18:51

Tgt Ion:264 Resp: 478213
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.8 28.2
 265 22.2 17.0 25.6

