

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121916\
 Data File : BF091791.D
 Acq On : 19 Dec 2016 23:37
 Operator : UM/SJ
 Sample : H6126-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-17

Quant Time: Dec 20 00:31:20 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

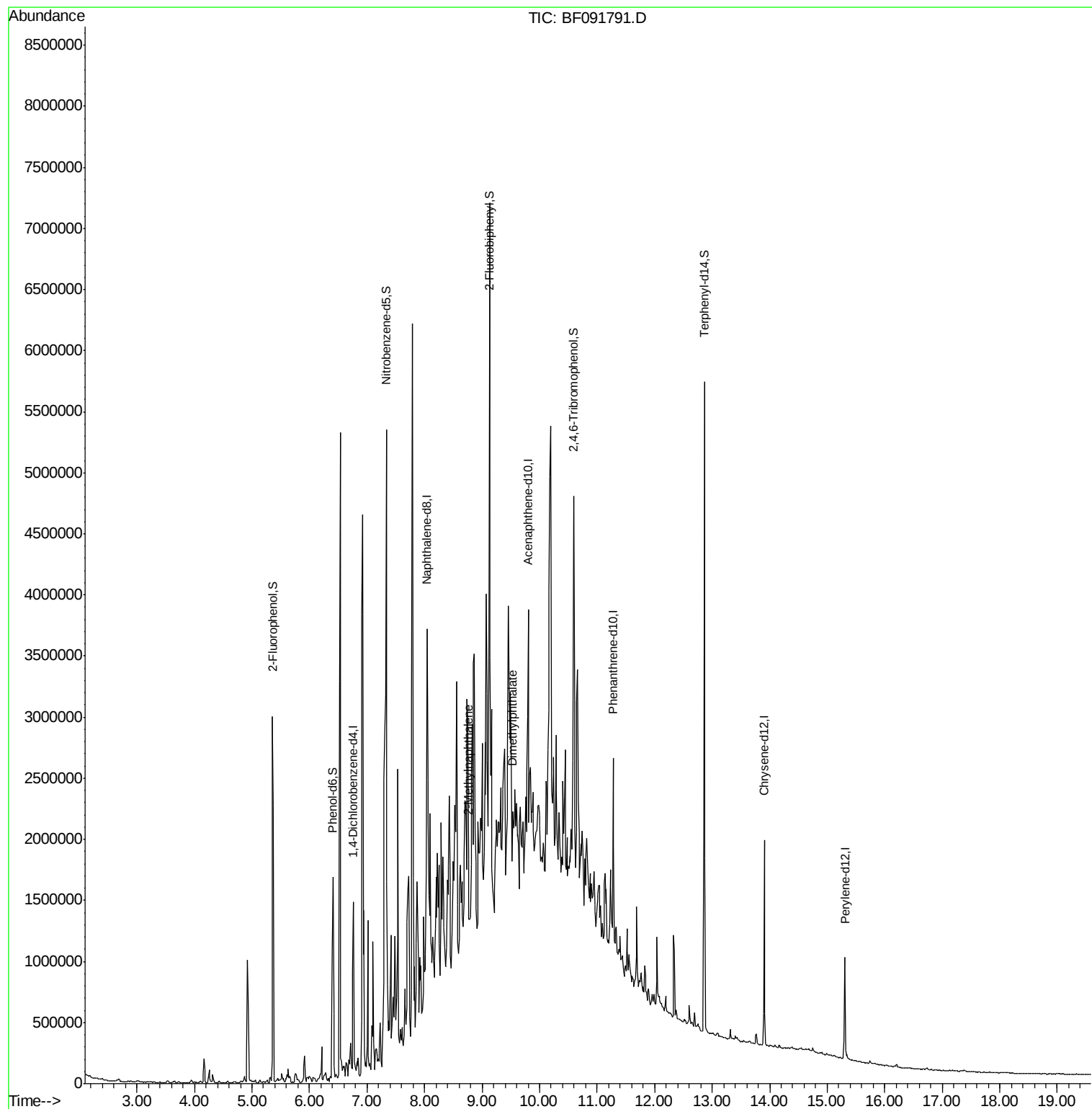
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	255727	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	900988	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	492486	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	713092	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	569891	20.00	ng	-0.02
86) Perylene-d12	15.31	264	467461	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1141581	74.79	ng	-0.01
7) Phenol-d6	6.41	99	823101	44.22	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1769685	113.27	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	551458	132.05	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	2299415	93.80	ng	-0.01
78) Terphenyl-d14	12.87	244	1924740	85.28	ng	-0.01
Target Compounds						
37) 2-Methylnaphthalene	8.76	142	190576	7.02	ng	Qvalue 100
49) Dimethylphthalate	9.53	163	167538	5.21	ng	# 93

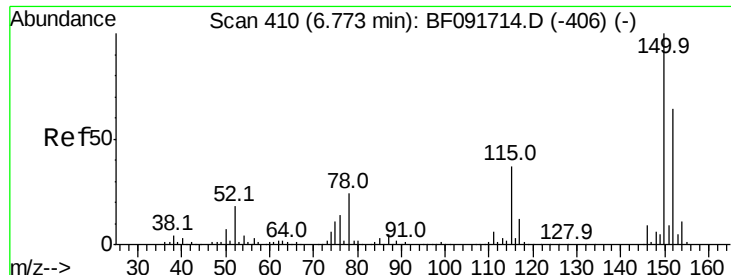
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121916\
Data File : BF091791.D
Acq On : 19 Dec 2016 23:37
Operator : UM/SJ
Sample : H6126-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-17

Quant Time: Dec 20 00:31:20 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 22:53:54 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091791.D

Acq: 19 Dec 2016 23:37

Instrument :

BNA_F

ClientSampleId :

MW-17

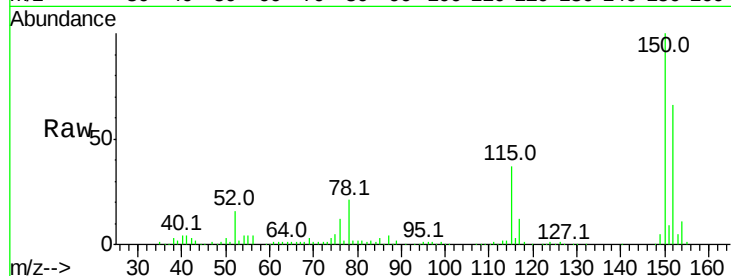
Tot Ion:152 Resp: 255727

Ion Ratio Lower Upper

152 100

150 150.9 124.9 187.3

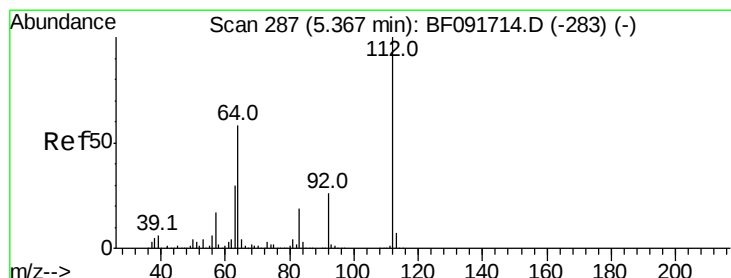
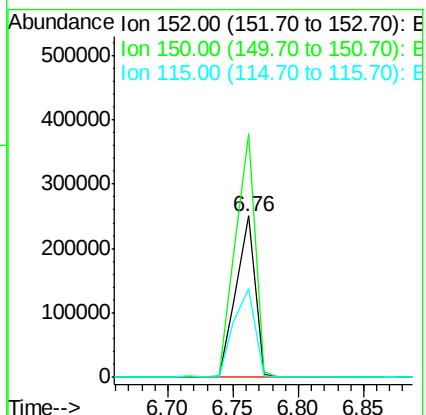
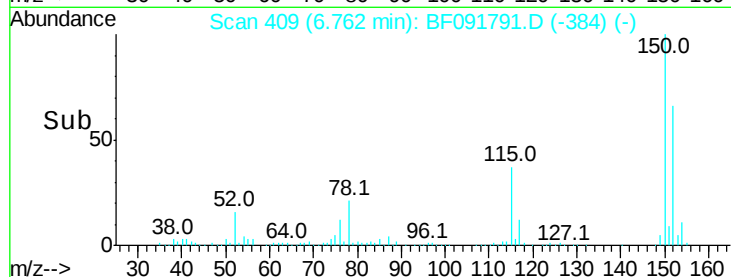
115 55.1 46.0 69.0



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: 74.79 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.01 min

Lab File: BF091791.D

Acq: 19 Dec 2016 23:37

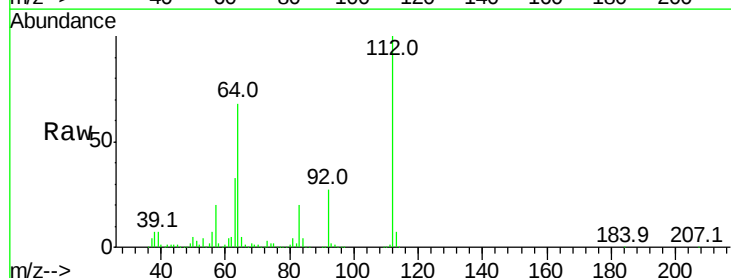
Tgt Ion:112 Resp: 1141581

Ion Ratio Lower Upper

112 100

64 67.7 46.1 69.1

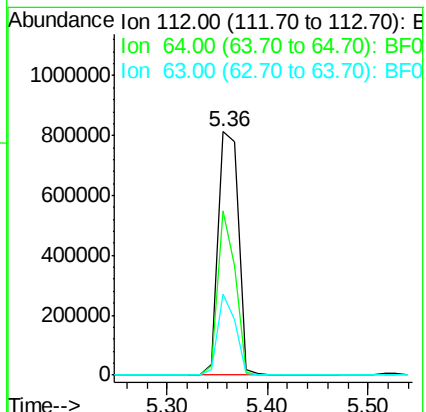
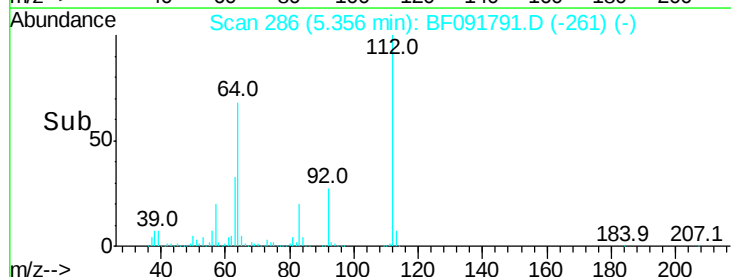
63 33.3 23.8 35.6

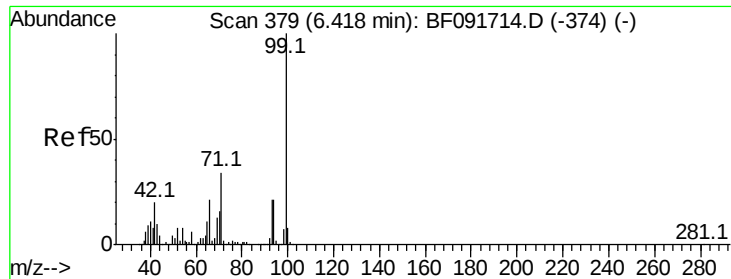


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 44.22 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091791.D

Acq: 19 Dec 2016 23:37

Instrument :

BNA_F

ClientSampleId :

MW-17

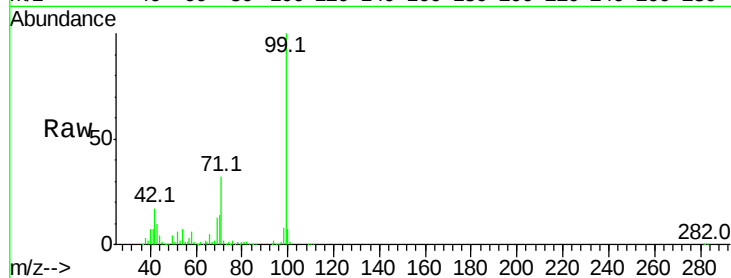
Tot Ion: 99 Resp: 823101

Ion Ratio Lower Upper

99 100

42 17.3 15.6 23.4

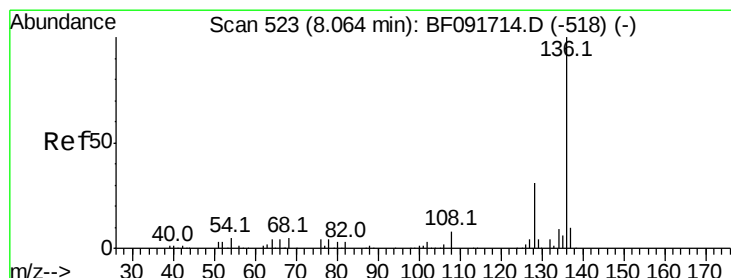
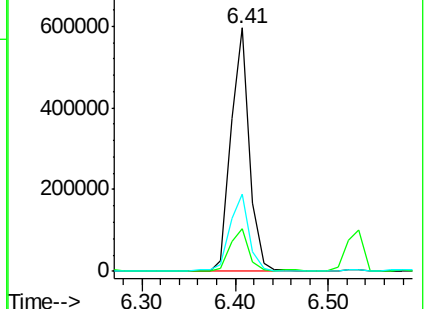
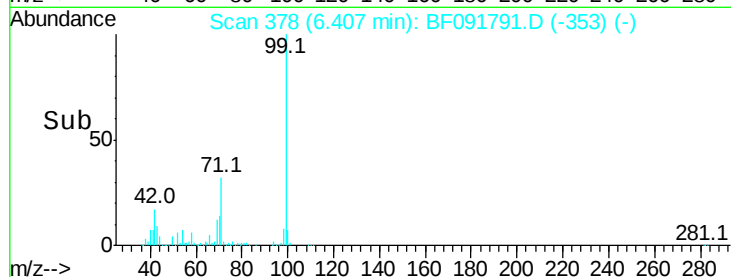
71 31.6 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF091791.D

Acq: 19 Dec 2016 23:37

Tgt Ion: 136 Resp: 900988

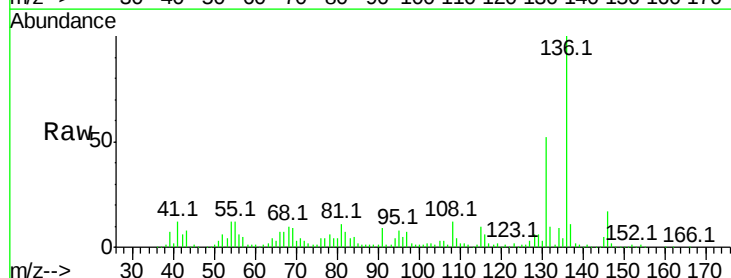
Ion Ratio Lower Upper

136 100

137 11.4 8.4 12.6

54 11.7 4.5 6.7#

68 10.0 3.6 5.4#

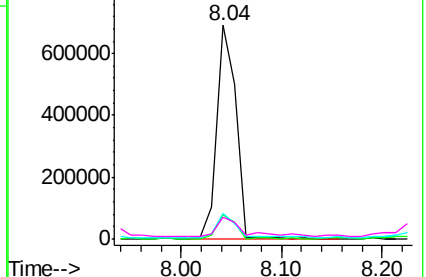
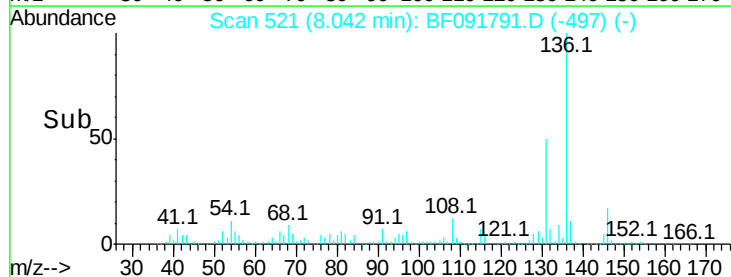


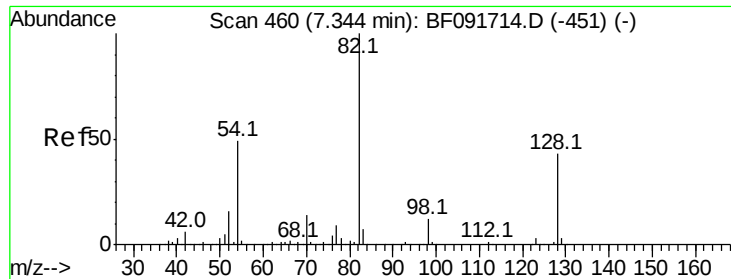
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

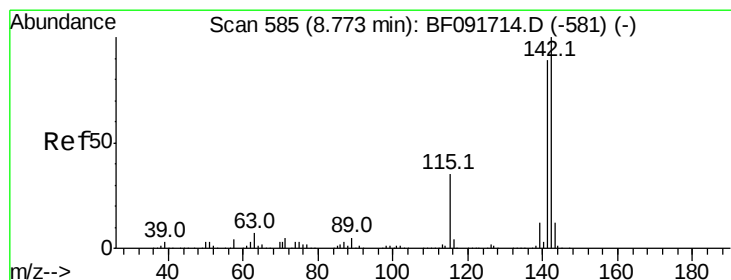
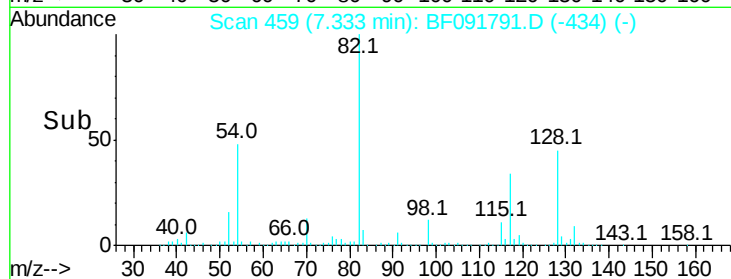
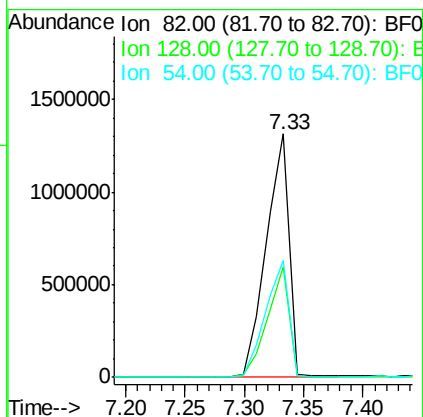
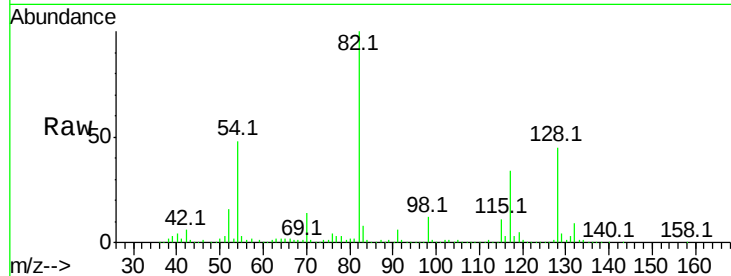




#23
Nitrobenzene-d5
Concen: 113.27 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF091791.D
Acq: 19 Dec 2016 23:37

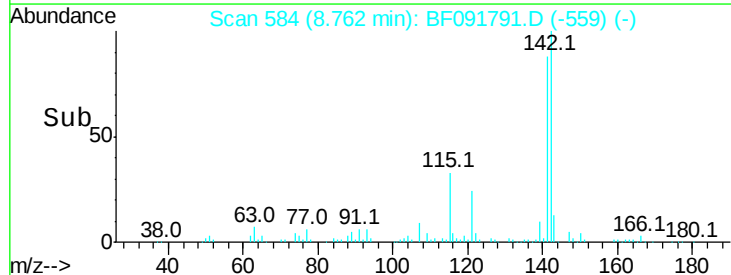
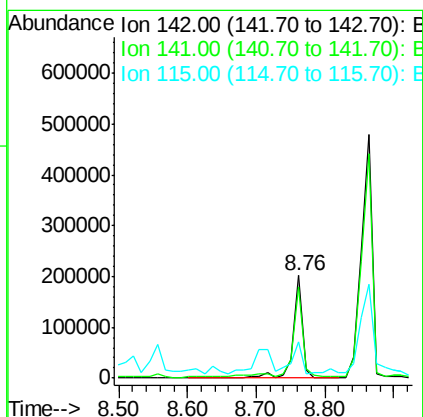
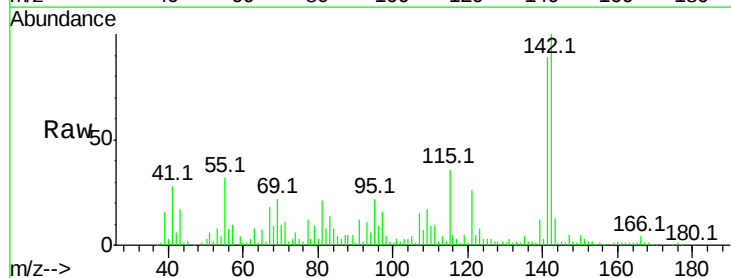
Instrument :
BNA_F
ClientSampleId :
MW-17

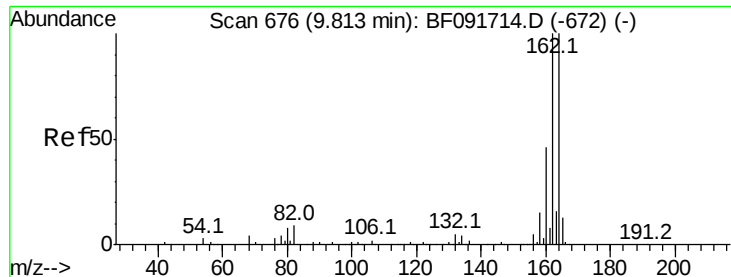
Tot Ion: 82 Resp: 1769685
Ion Ratio Lower Upper
82 100
128 45.4 34.6 52.0
54 47.8 39.5 59.3



#37
2-Methylnaphthalene
Concen: 7.02 ng
RT: 8.76 min Scan# 584
Delta R.T. -0.01 min
Lab File: BF091791.D
Acq: 19 Dec 2016 23:37

Tgt Ion: 142 Resp: 190576
Ion Ratio Lower Upper
142 100
141 88.7 71.0 106.6
115 35.7 28.3 42.5

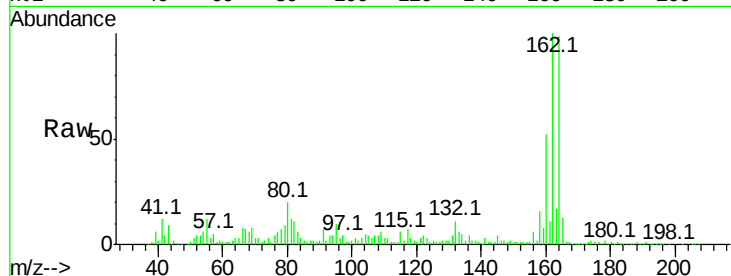




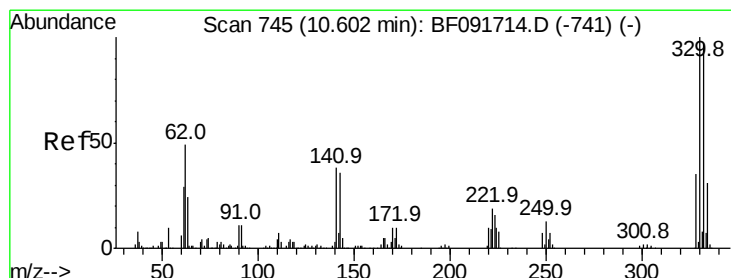
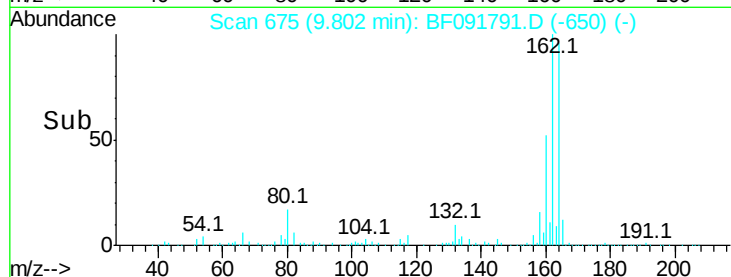
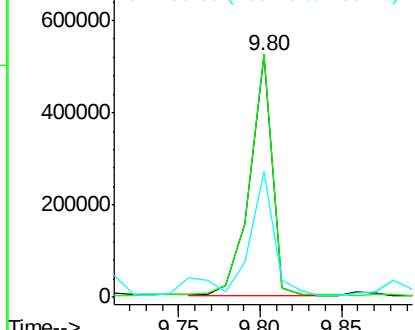
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF091791.D
Acq: 19 Dec 2016 23:37

Instrument :
BNA_F
ClientSampleId :
MW-17

Tot Ion:164 Resp: 492486
Ion Ratio Lower Upper
164 100
162 100.5 80.2 120.2
160 52.1 36.9 55.3

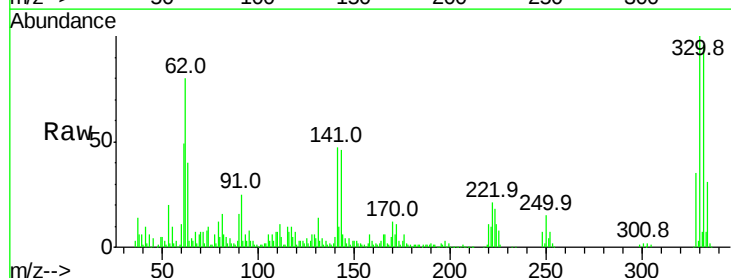


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

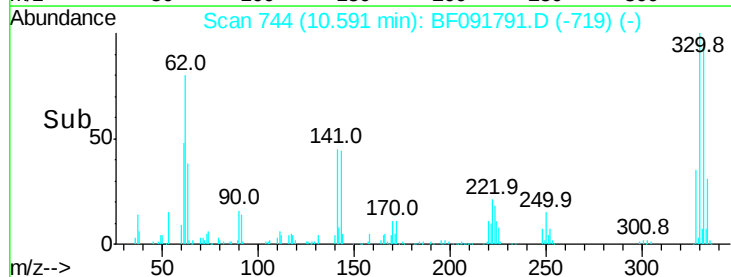
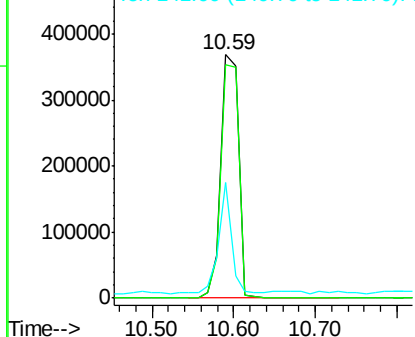


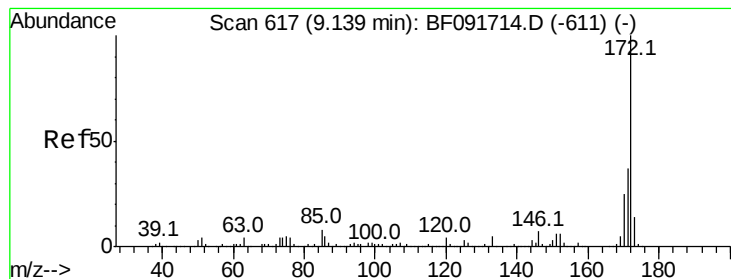
#41
2,4,6-Tribromophenol
Concen: 132.05 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF091791.D
Acq: 19 Dec 2016 23:37

Tgt Ion:330 Resp: 551458
Ion Ratio Lower Upper
330 100
332 97.3 77.4 116.2
141 33.8 34.1 51.1#



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

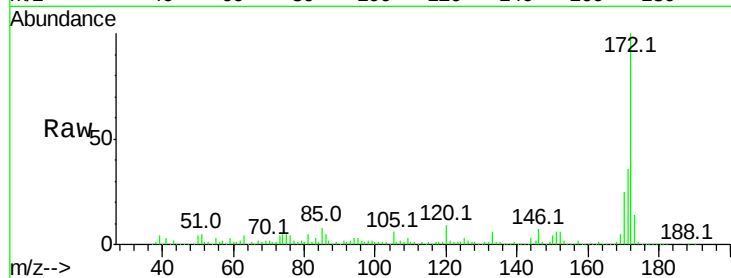




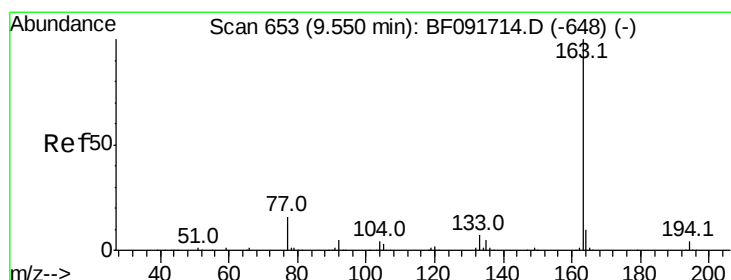
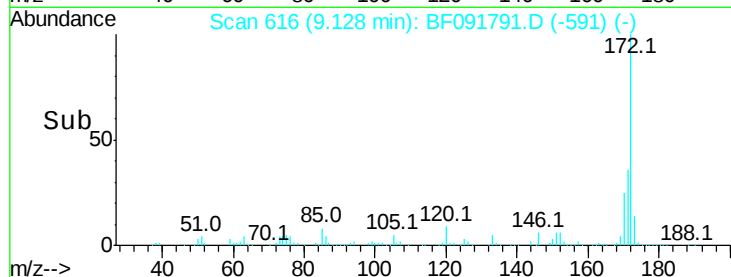
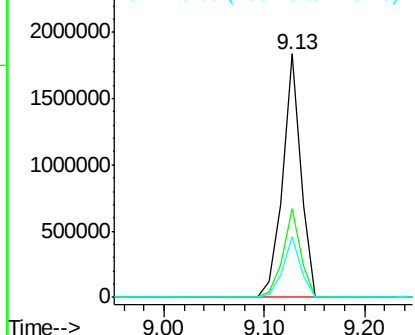
#44
2-Fluorobiphenyl
Concen: 93.80 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.01 min
Lab File: BF091791.D
Acq: 19 Dec 2016 23:37

Instrument :
BNA_F
ClientSampleId :
MW-17

Tot Ion:172 Resp: 2299415
Ion Ratio Lower Upper
172 100
171 36.2 29.4 44.0
170 25.0 20.2 30.4

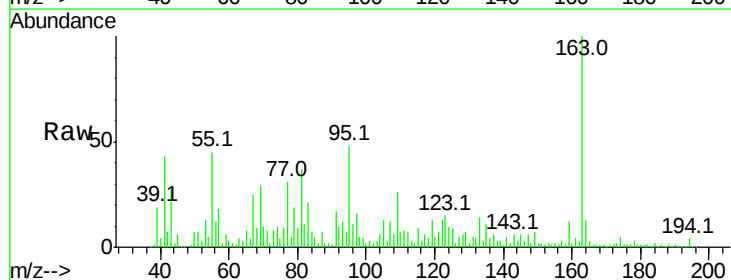


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

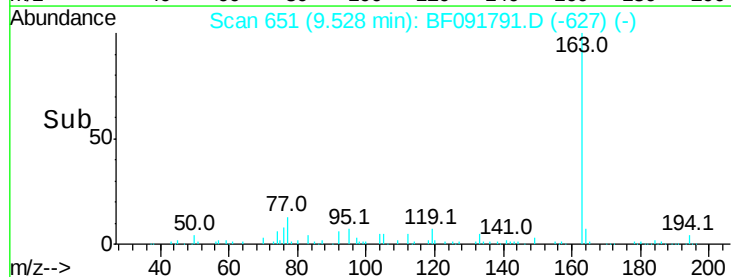
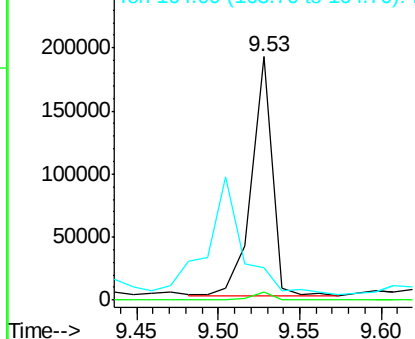


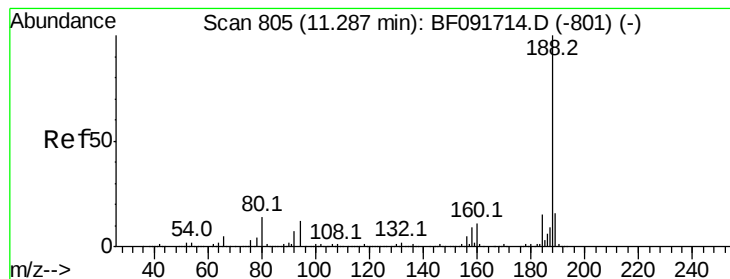
#49
Dimethylphthalate
Concen: 5.21 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.02 min
Lab File: BF091791.D
Acq: 19 Dec 2016 23:37

Tgt Ion:163 Resp: 167538
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 13.4 8.0 12.0#



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.28 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF091791.D

Acq: 19 Dec 2016 23:37

Instrument :

BNA_F

ClientSampleId :

MW-17

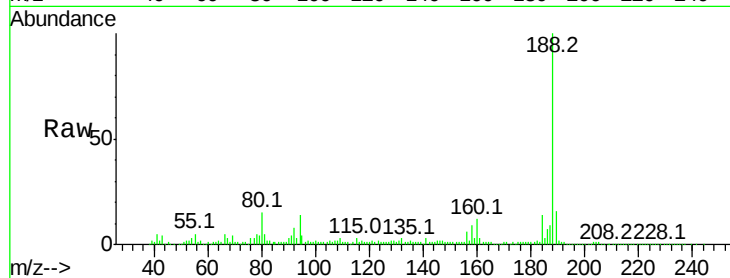
Tot Ion:188 Resp: 713092

Ion Ratio Lower Upper

188 100

94 13.9 10.0 15.0

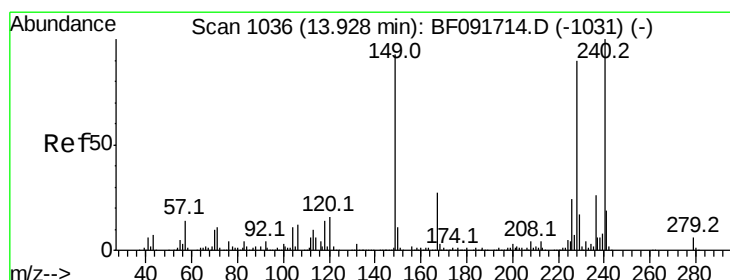
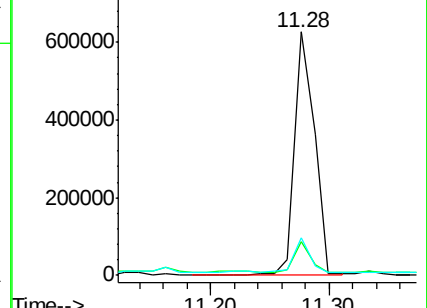
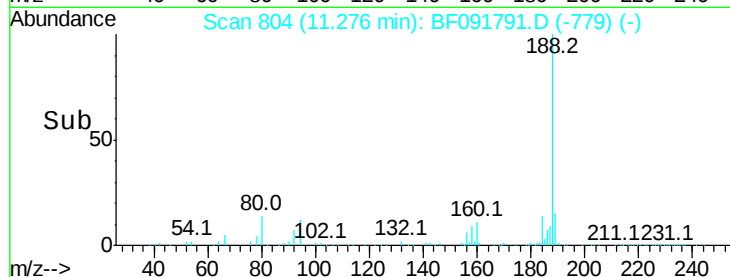
80 15.3 11.2 16.8



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF091791.D

Acq: 19 Dec 2016 23:37

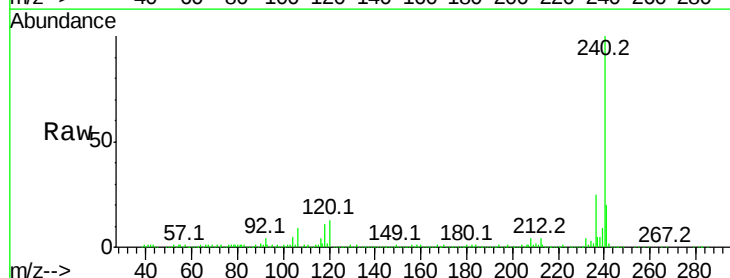
Tgt Ion:240 Resp: 569891

Ion Ratio Lower Upper

240 100

120 12.9 12.9 19.3#

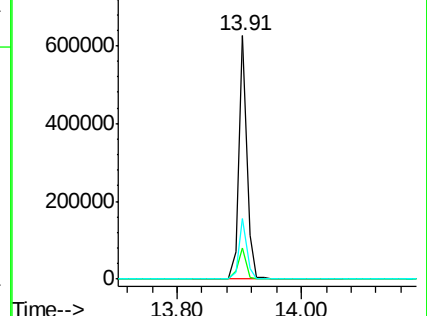
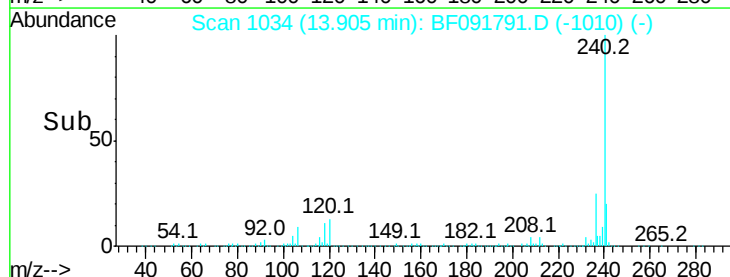
236 25.1 20.9 31.3

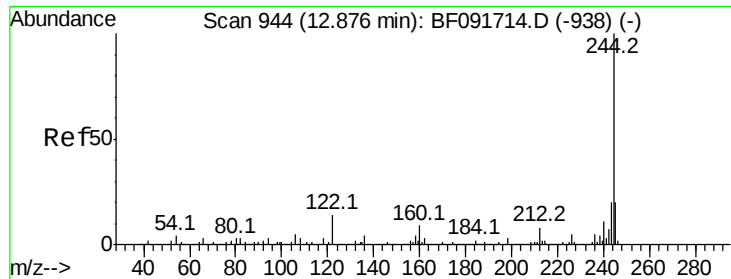


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



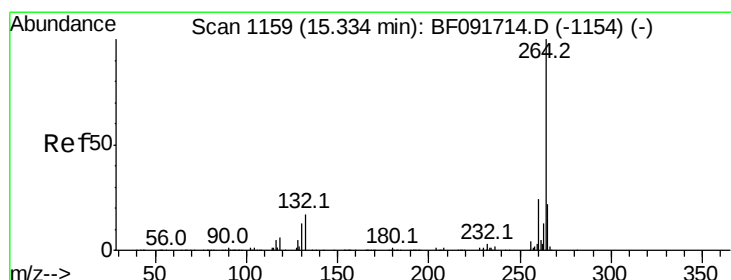
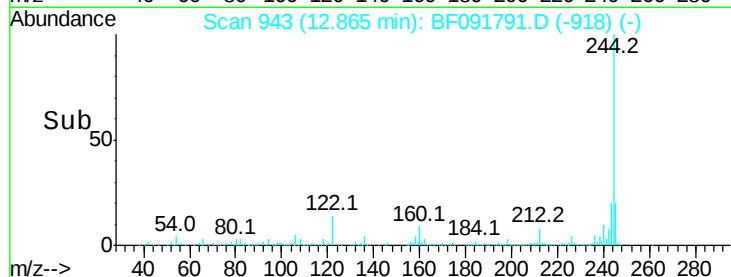
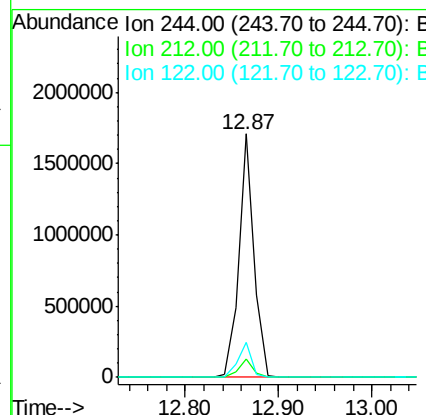
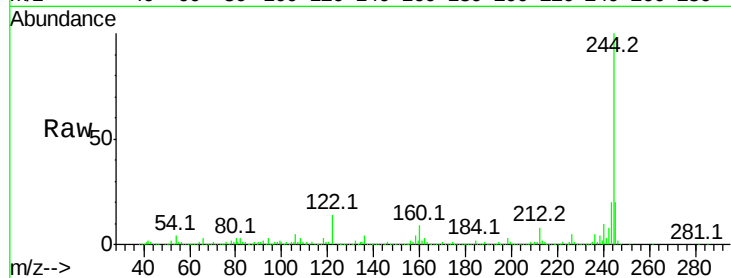


#78
 Terphenyl-d14
 Concen: 85.28 ng
 RT: 12.87 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: BF091791.D
 Acq: 19 Dec 2016 23:37

Instrument :
 BNA_F
 ClientSampleId :
 MW-17

Tot Ion:244 Resp: 1924740

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	14.1	11.4	17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1157
 Delta R.T. -0.02 min
 Lab File: BF091791.D
 Acq: 19 Dec 2016 23:37

Tgt Ion:264 Resp: 467461

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.1	17.4	26.0

