

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022017\
 Data File : BF093041.D
 Acq On : 20 Feb 2017 21:10
 Operator : SJ/MA
 Sample : I1911-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HARMONFIRETOWER-ERM-33

Quant Time: Feb 21 00:08:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

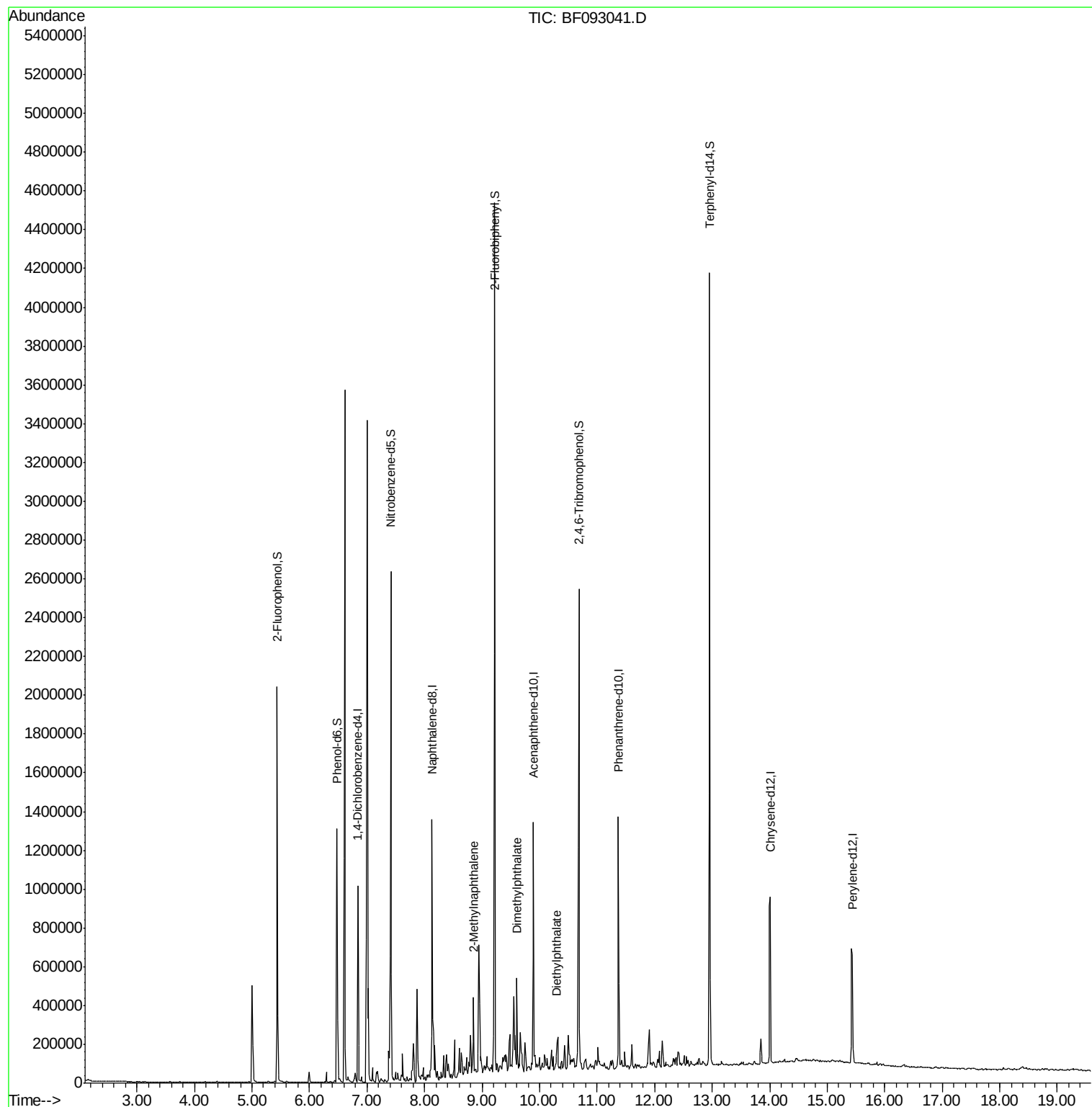
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	142628	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	552945	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	277389	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	493851	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	442126	20.00	ng	-0.01
86) Perylene-d12	15.44	264	319552	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	538906	64.82	ng	-0.01
7) Phenol-d6	6.48	99	418803	39.15	ng	-0.01
23) Nitrobenzene-d5	7.41	82	832938	83.89	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	301707	150.38	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1608335	105.04	ng	0.00
78) Terphenyl-d14	12.96	244	1337113	71.06	ng	-0.01
Target Compounds						
37) 2-Methylnaphthalene	8.85	142	121411	6.75	ng	97
49) Dimethylphthalate	9.61	163	183062	9.80	ng	98
59) Diethylphthalate	10.30	149	56960	3.23	ng	98

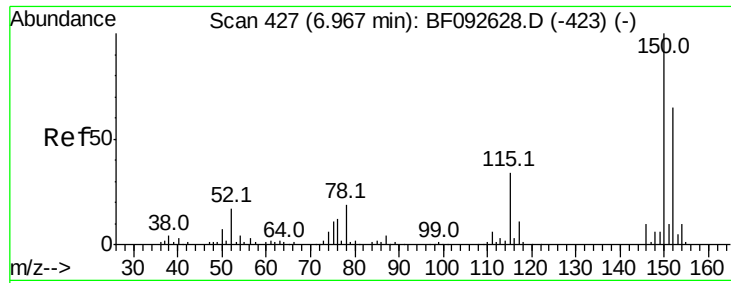
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF093041.D

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Instrument :

BNA_F

ClientSampleId :

HARMONFIRETOWER-ERM-33

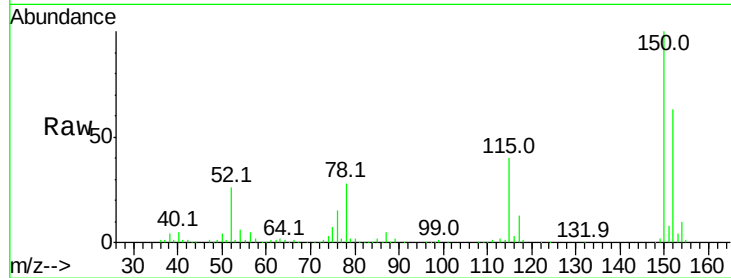
Tot Ion:152 Resp: 142628

Ion Ratio Lower Upper

152 100

150 159.4 124.9 187.3

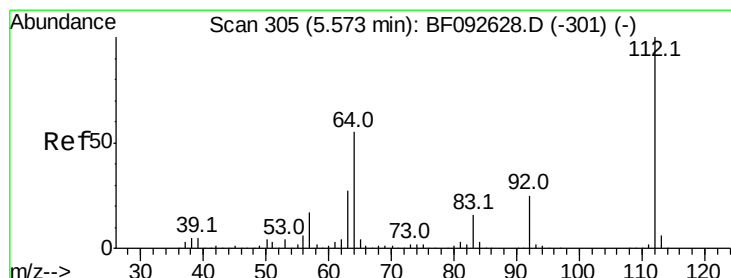
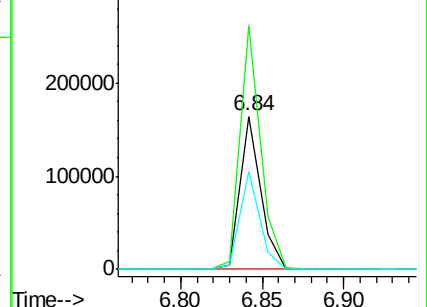
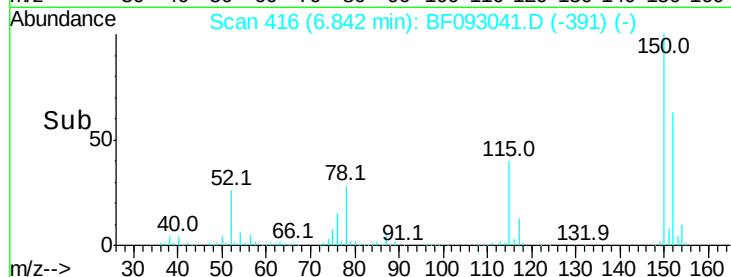
115 63.9 46.0 69.0



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: 64.82 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF093041.D

Acq: 20 Feb 2017 21:10

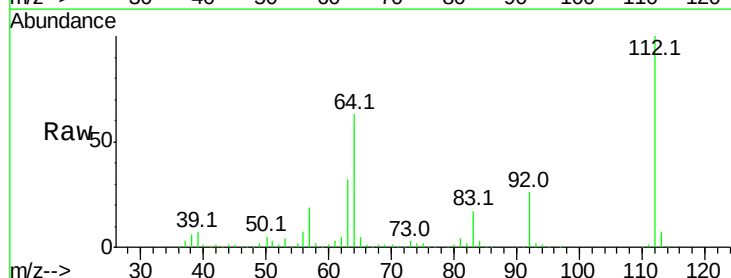
Tgt Ion:112 Resp: 538906

Ion Ratio Lower Upper

112 100

64 63.4 46.1 69.1

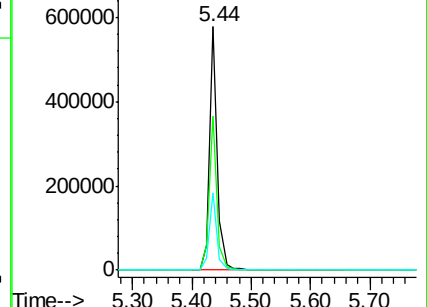
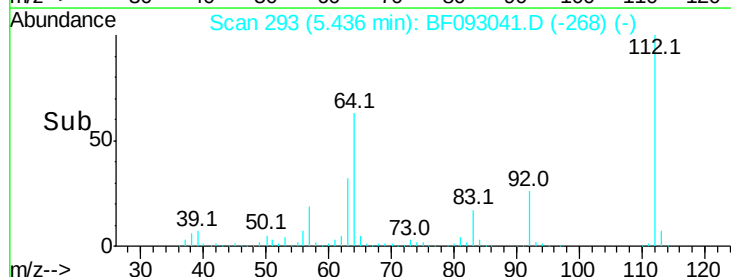
63 31.8 23.8 35.6

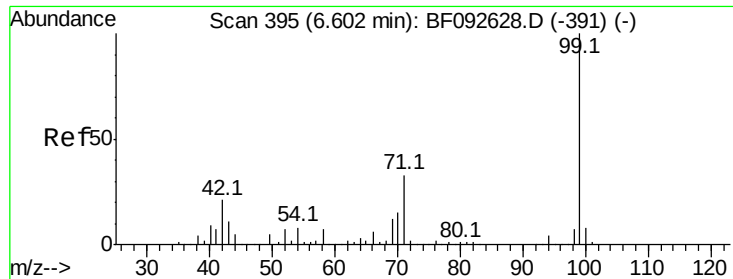


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 39.15 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093041.D

Acq: 20 Feb 2017 21:10

Instrument :

BNA_F

ClientSampleId :

HARMONFIRETOWER-ERM-33

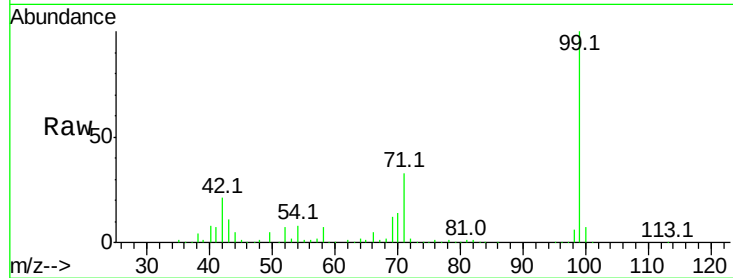
Tot Ion: 99 Resp: 418803

Ion Ratio Lower Upper

99 100

42 20.9 15.6 23.4

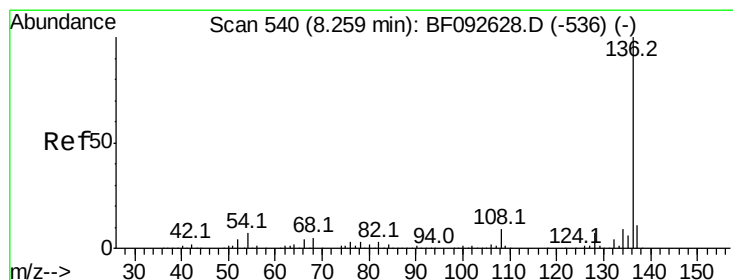
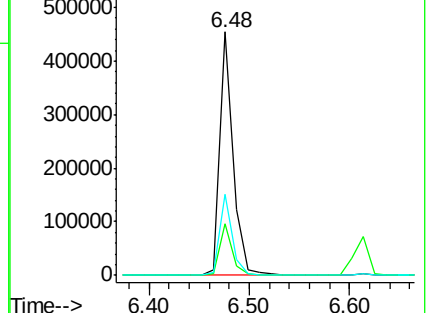
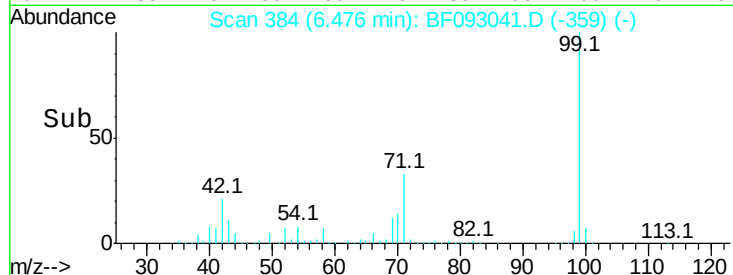
71 33.4 27.5 41.3



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: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF093041.D

Acq: 20 Feb 2017 21:10

Tgt Ion: 136 Resp: 552945

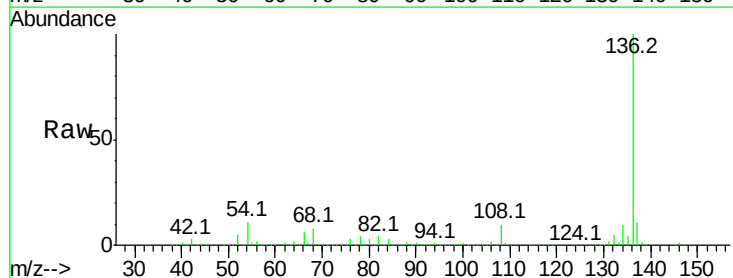
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 10.8 4.5 6.7#

68 7.6 3.6 5.4#

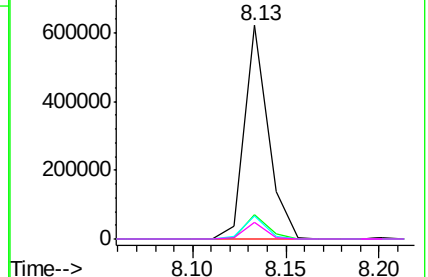
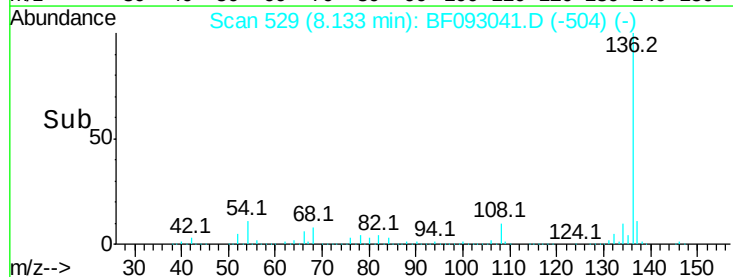


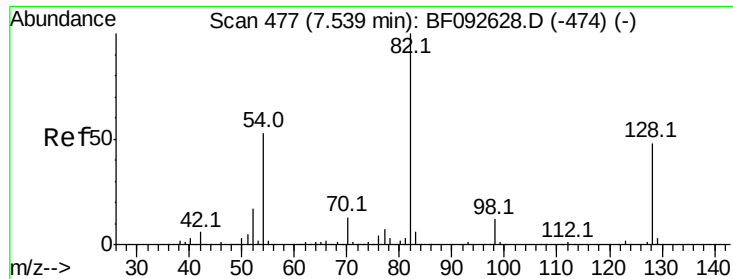
Abundance Ion 136.00 (135.70 to 136.70): E

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

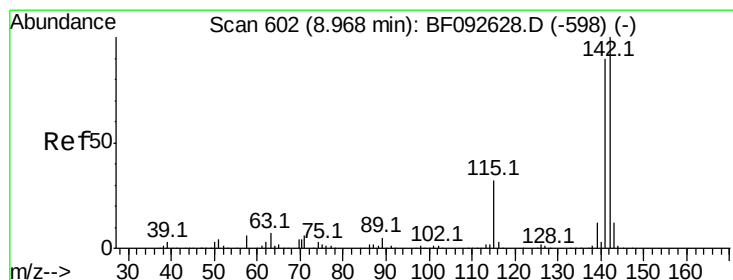
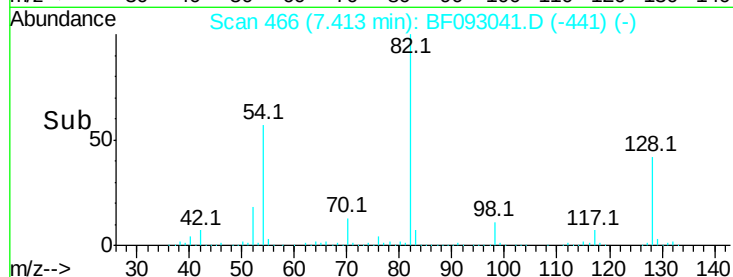
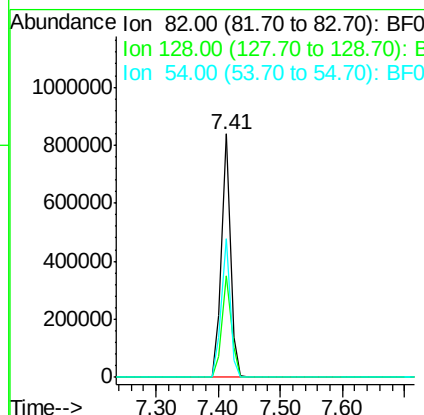
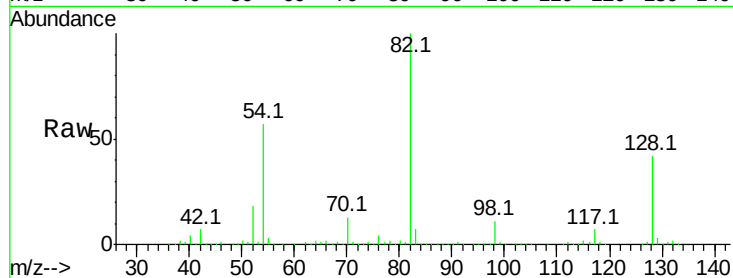




#23
 Nitrobenzene-d5
 Concen: 83.89 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF093041.D
 Acq: 20 Feb 2017 21:10

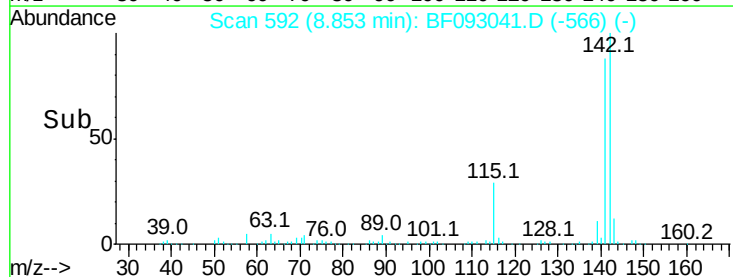
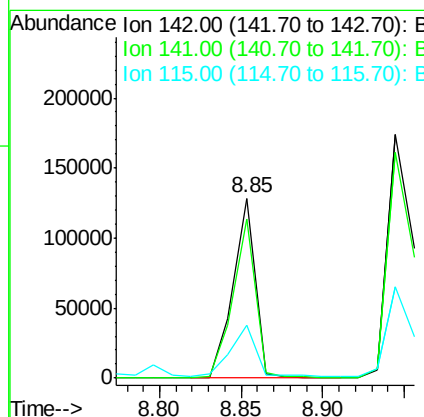
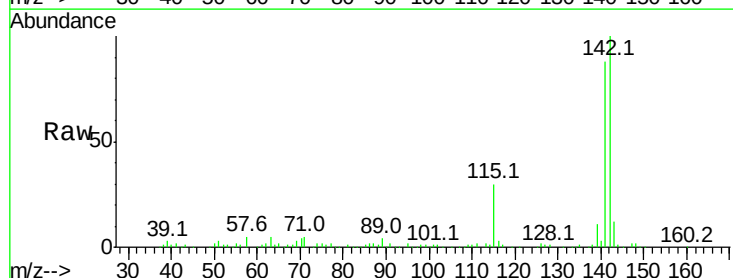
Instrument :
 BNA_F
 ClientSampleId :
 HARMONFIRETOWER-ERM-33

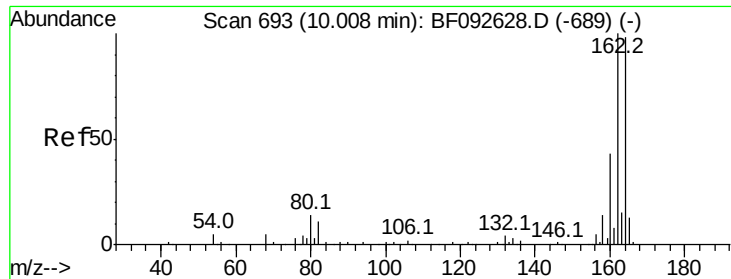
Tot Ion: 82 Resp: 832938
 Ion Ratio Lower Upper
 82 100
 128 41.5 34.6 52.0
 54 56.9 39.5 59.3



#37
 2-Methylnaphthalene
 Concen: 6.75 ng
 RT: 8.85 min Scan# 592
 Delta R.T. 0.00 min
 Lab File: BF093041.D
 Acq: 20 Feb 2017 21:10

Tgt Ion: 142 Resp: 121411
 Ion Ratio Lower Upper
 142 100
 141 88.4 71.0 106.6
 115 29.5 28.3 42.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF093041.D

Acq: 20 Feb 2017 21:10

Instrument :

BNA_F

ClientSampleId :

HARMONFIRETOWER-ERM-33

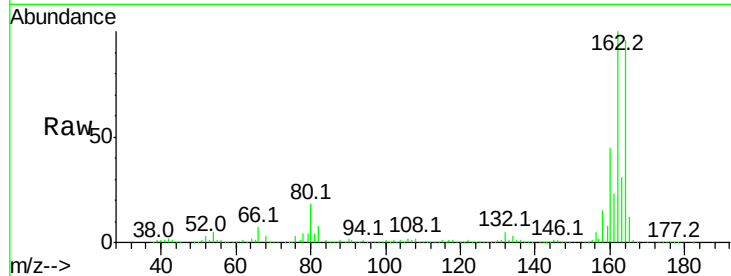
Tot Ion:164 Resp: 277389

Ion Ratio Lower Upper

164 100

162 104.2 80.2 120.2

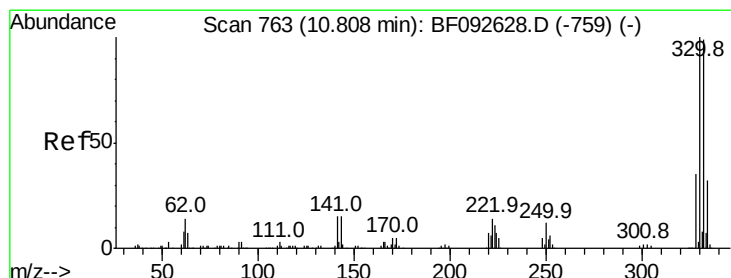
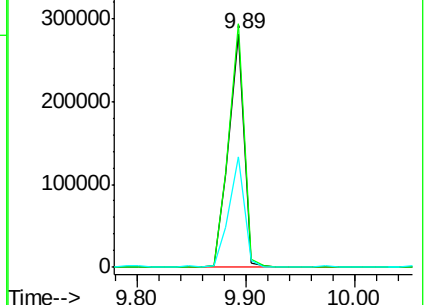
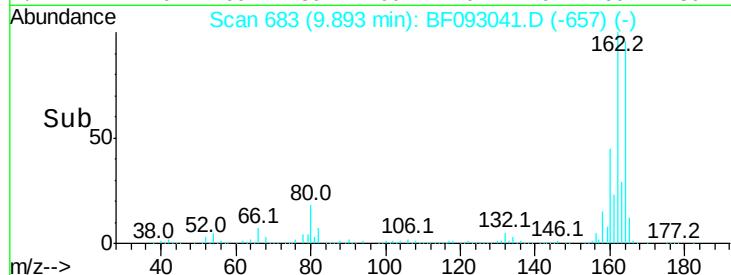
160 47.0 36.9 55.3



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: 150.38 ng

RT: 10.68 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF093041.D

Acq: 20 Feb 2017 21:10

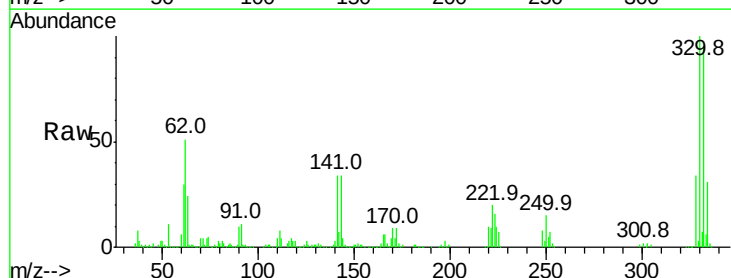
Tgt Ion:330 Resp: 301707

Ion Ratio Lower Upper

330 100

332 94.6 77.4 116.2

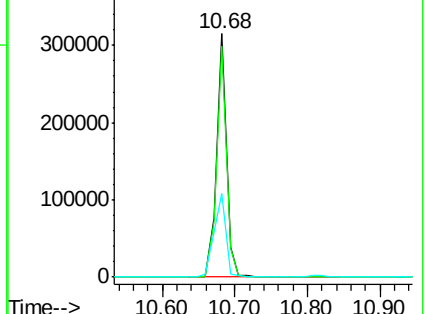
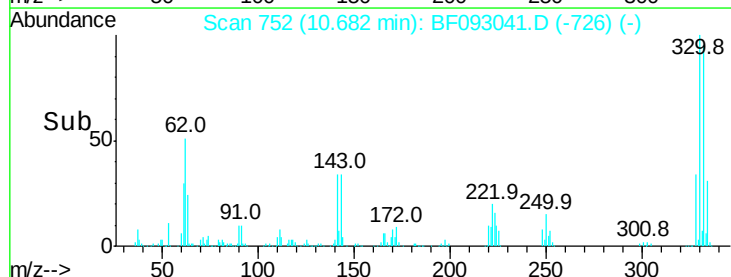
141 40.2 34.1 51.1

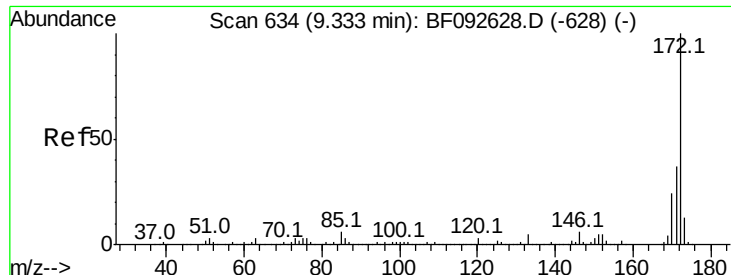


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



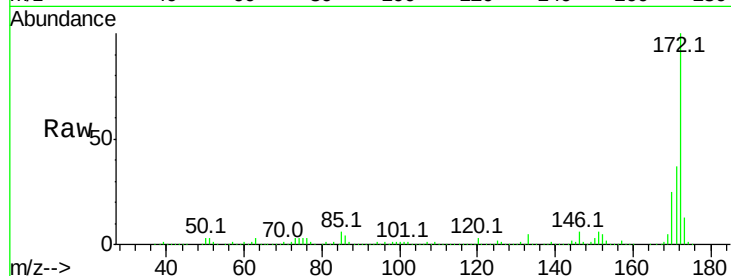


#44
 2-Fluorobiphenyl
 Concen: 105.04 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF093041.D
 Acq: 20 Feb 2017 21:10

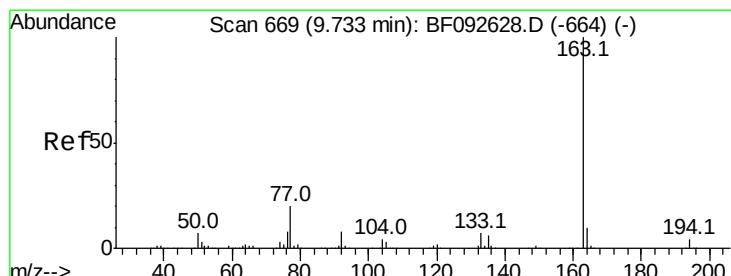
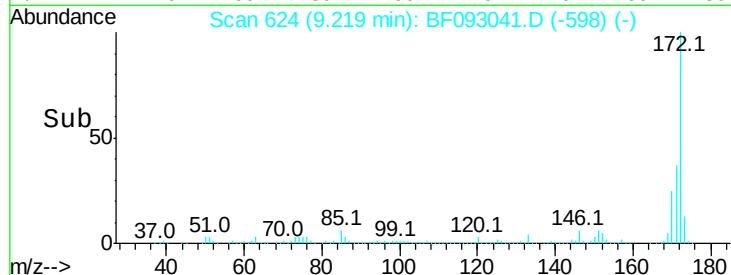
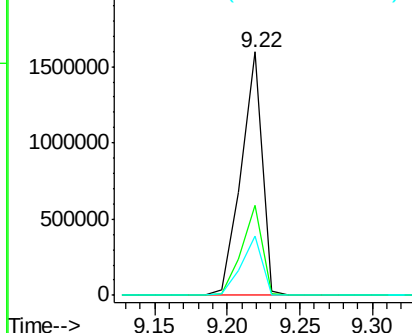
Instrument :
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 HARMONFIRETOWER-ERM-33

Tot Ion:172 Resp: 1608335

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	24.6	20.2	30.4



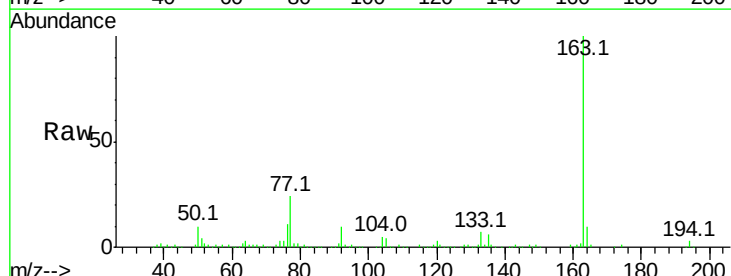
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



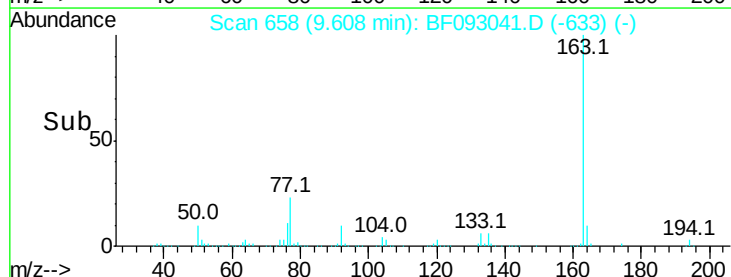
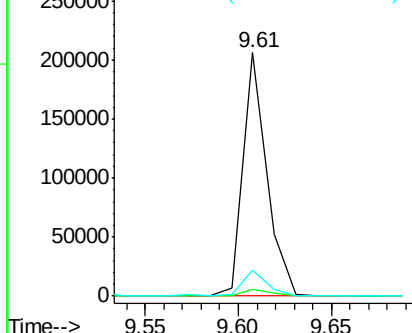
#49
 Dimethylphthalate
 Concen: 9.80 ng
 RT: 9.61 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF093041.D
 Acq: 20 Feb 2017 21:10

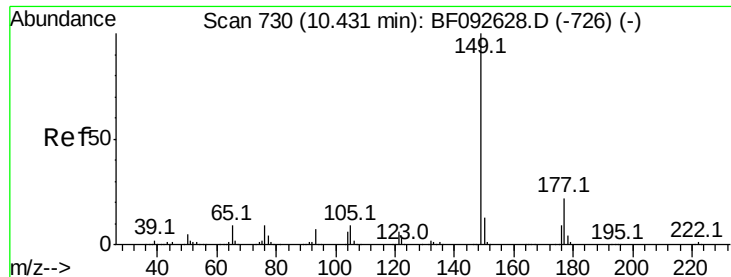
Tgt Ion:163 Resp: 183062

Ion	Ratio	Lower	Upper
163	100		
194	3.0	3.0	4.4
164	10.5	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

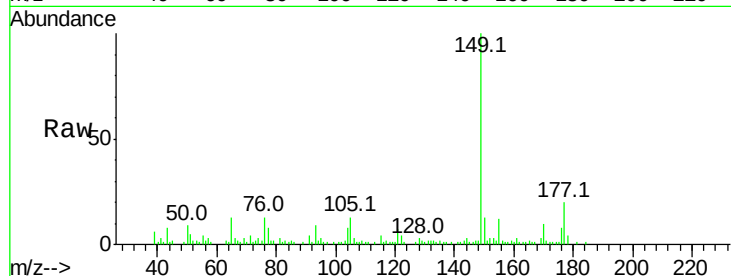




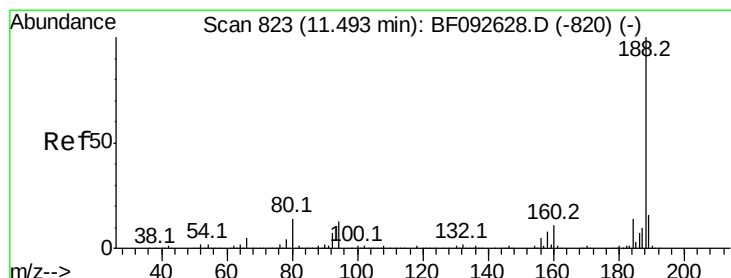
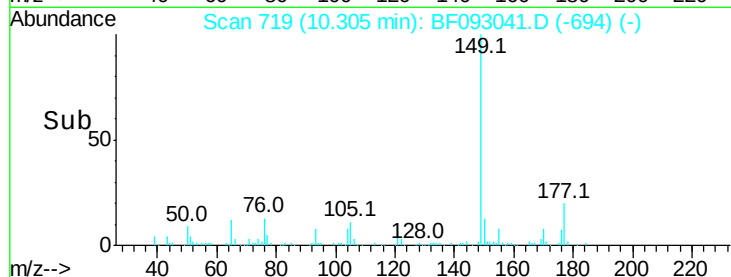
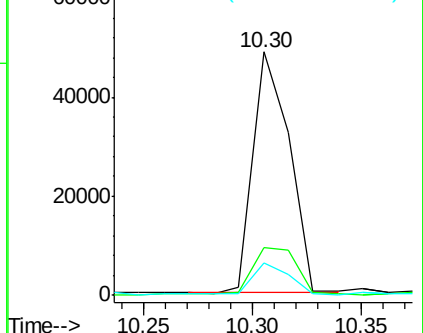
#59
Diethylphthalate
Concen: 3.23 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF093041.D
Acq: 20 Feb 2017 21:10

Instrument :
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ClientSampleId :
HARMONFIRETOWER-ERM-33

Tot Ion:149 Resp: 56960
Ion Ratio Lower Upper
149 100
177 19.6 16.6 25.0
150 13.1 10.4 15.6

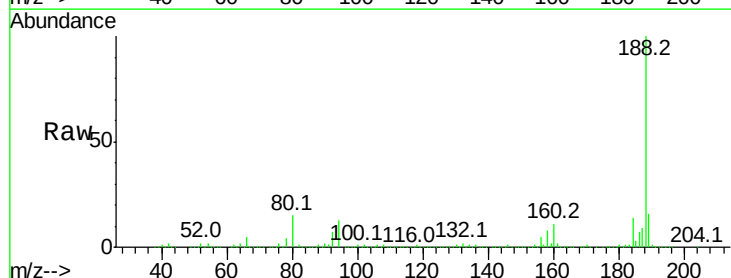


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

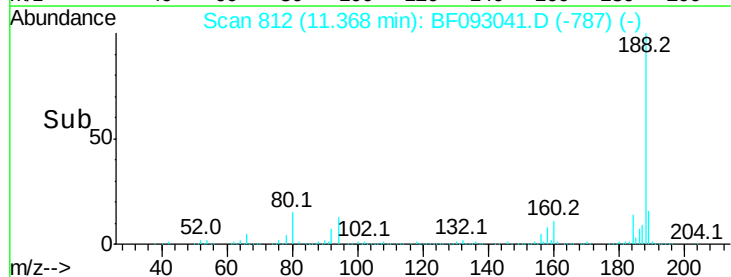
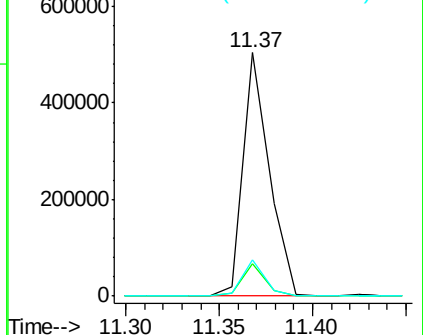


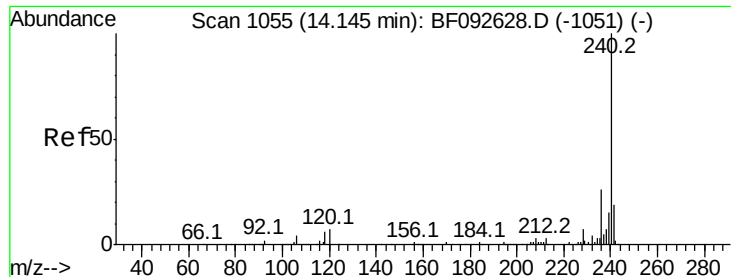
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF093041.D
Acq: 20 Feb 2017 21:10

Tgt Ion:188 Resp: 493851
Ion Ratio Lower Upper
188 100
94 13.3 10.0 15.0
80 14.8 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: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF093041.D

Acq: 20 Feb 2017 21:10

Instrument :

BNA_F

ClientSampleId :

HARMONFIRETOWER-ERM-33

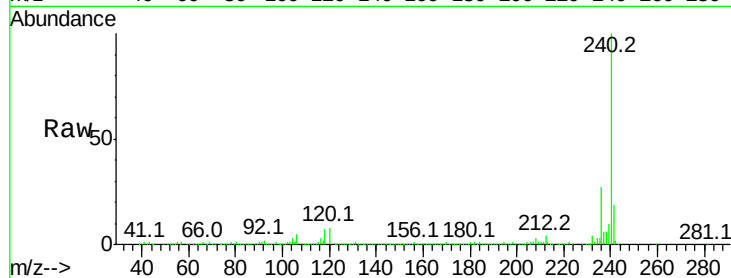
Tot Ion:240 Resp: 442126

Ion Ratio Lower Upper

240 100

120 7.9 12.9 19.3#

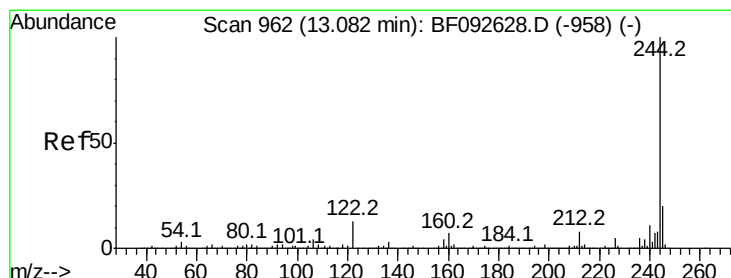
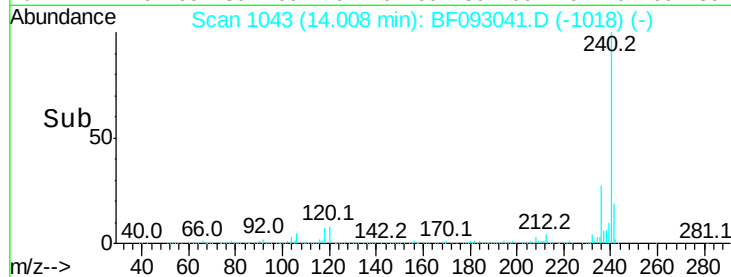
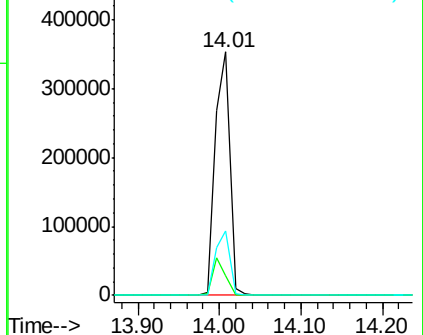
236 26.6 20.9 31.3



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: 71.06 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF093041.D

Acq: 20 Feb 2017 21:10

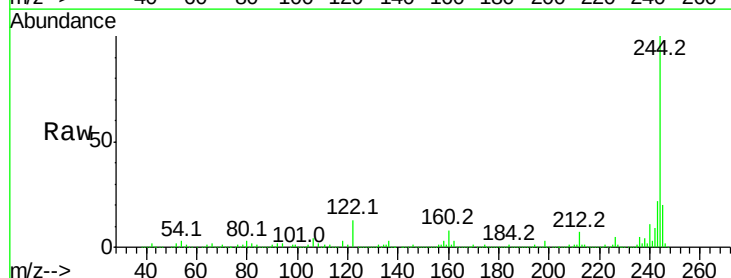
Tgt Ion:244 Resp: 1337113

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

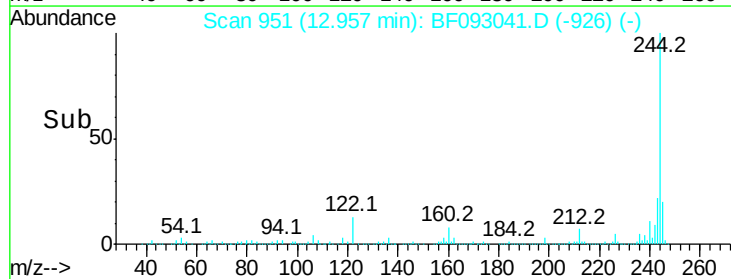
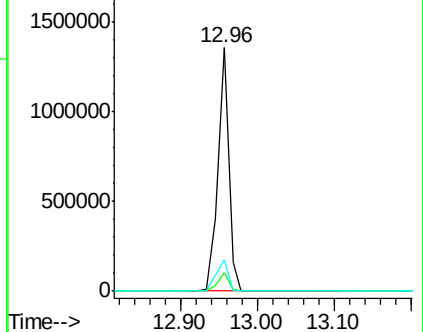
122 12.6 11.4 17.2

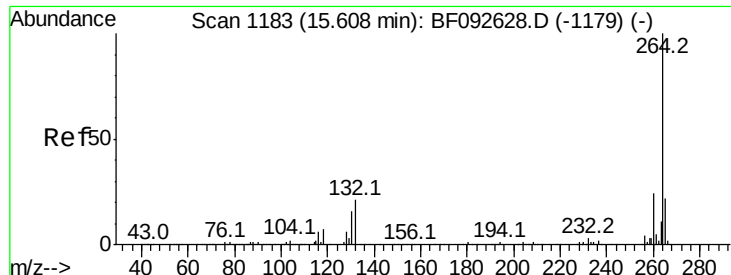


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF093041.D
Acq: 20 Feb 2017 21:10

Instrument :
BNA_F
ClientSampleId :
HARMONFIRETOWER-ERM-33

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.4	17.4	26.0

