

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030217\
 Data File : BF093353.D
 Acq On : 3 Mar 2017 10:38
 Operator : SJ/MA
 Sample : I2056-15
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 14B-24

Quant Time: Mar 03 12:38:15 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

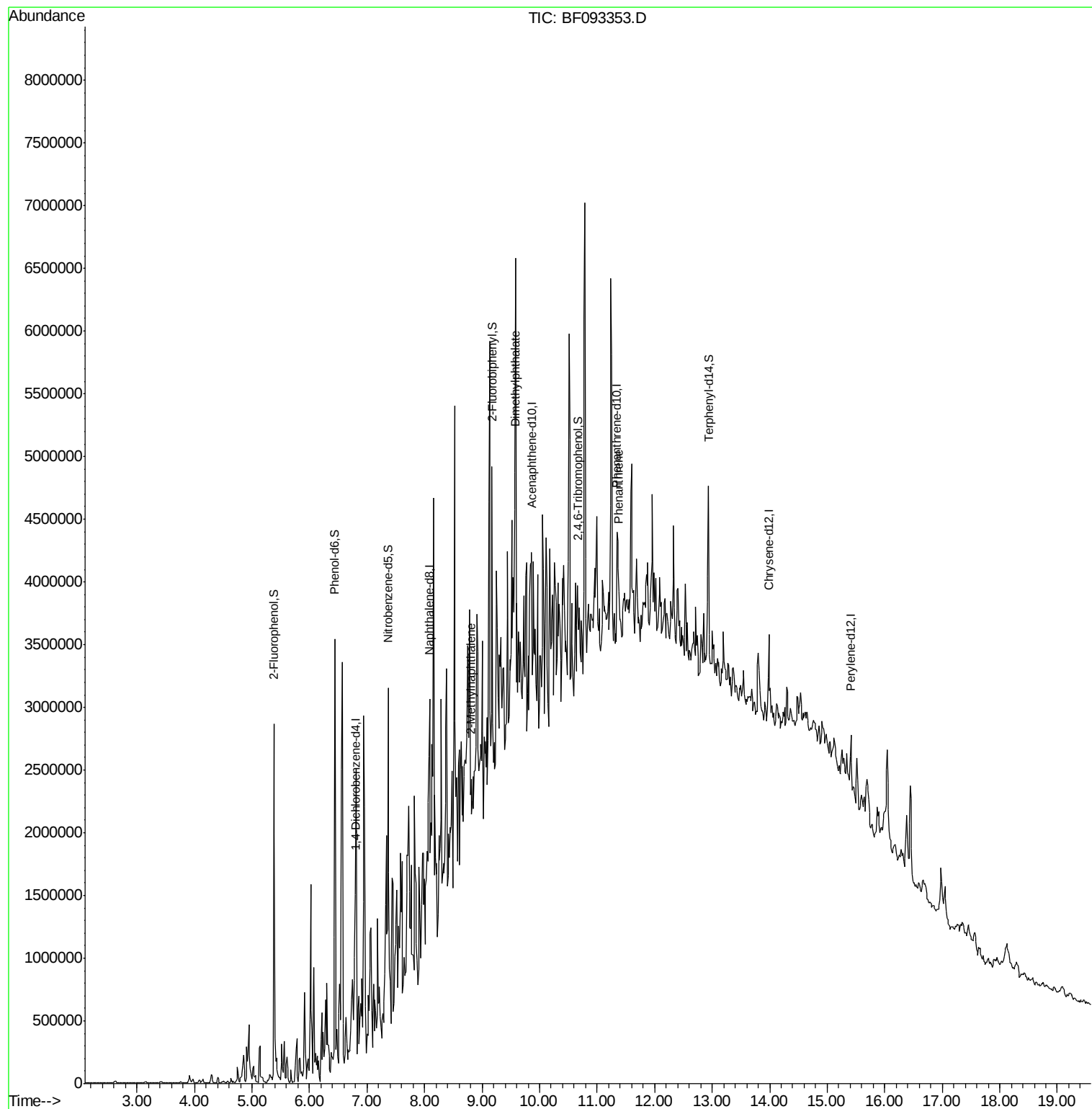
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	148886	20.00	ng	-0.06
21) Naphthalene-d8	8.09	136	549385	20.00	ng	-0.06
38) Acenaphthene-d10	9.86	164	256102	20.00	ng	-0.03
63) Phenanthrene-d10	11.34	188	377766	20.00	ng	-0.03
75) Chrysene-d12	13.99	240	265205	20.00	ng	-0.03
86) Perylene-d12	15.41	264	263853	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1098954	126.63	ng	-0.07
7) Phenol-d6	6.44	99	1208447	108.22	ng	-0.05
23) Nitrobenzene-d5	7.37	82	785880	79.66	ng	-0.06
41) 2,4,6-Tribromophenol	10.66	330	219742	118.63	ng	-0.02
44) 2-Fluorobiphenyl	9.17	172	1093412	77.35	ng	-0.05
78) Terphenyl-d14	12.93	244	742230	65.76	ng	-0.03
Target Compounds						
37) 2-Methylnaphthalene	8.81	142	217599	12.17	ng	Qvalue 97
49) Dimethylphthalate	9.57	163	173310	10.05	ng	# 95
70) Phenanthrene	11.37	178	271366	12.54	ng	# 92

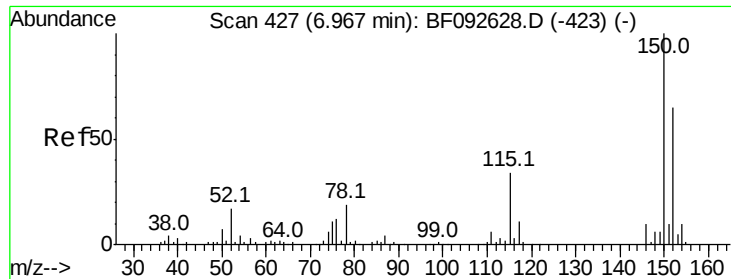
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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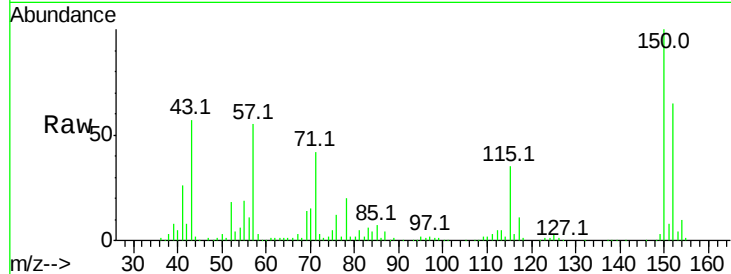


#1

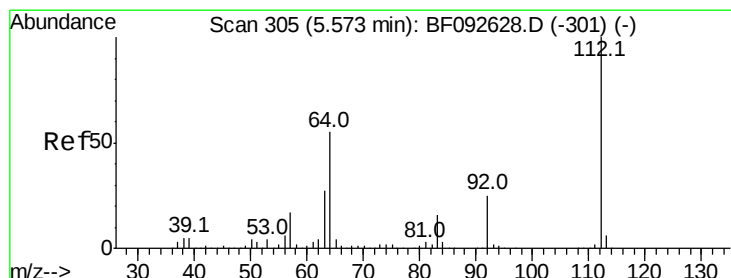
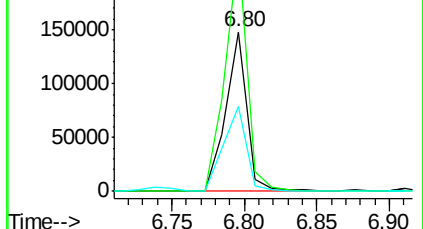
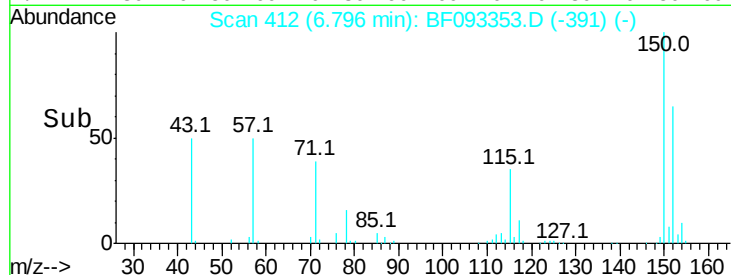
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.06 min
Lab File: BF093353.D
Acq: 3 Mar 2017 10:38

Instrument :
BNA_F
ClientSampleId :
14B-24

Tot Ion:152 Resp: 148886
Ion Ratio Lower Upper
152 100
150 152.8 124.9 187.3
115 53.2 46.0 69.0



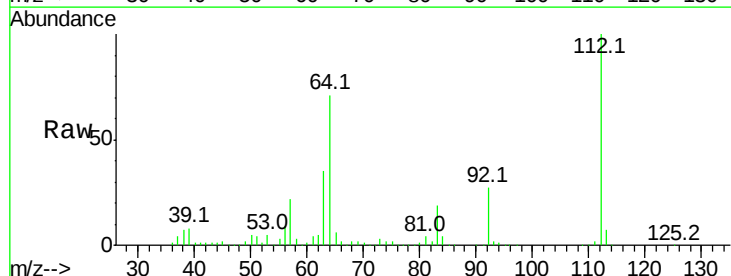
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



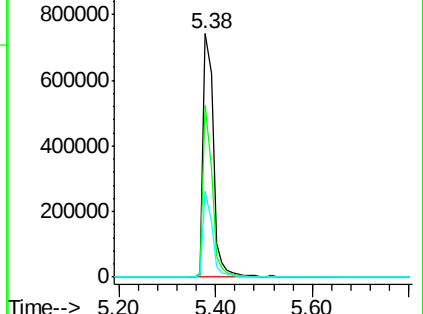
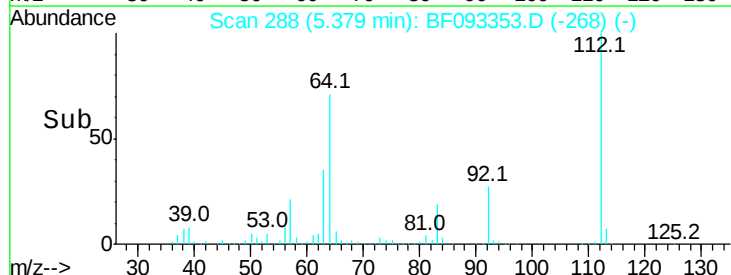
#5

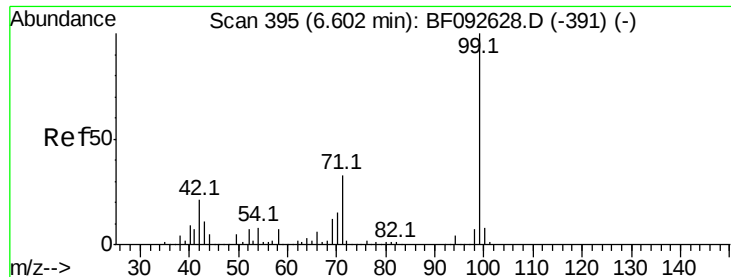
2-Fluorophenol
Concen: 126.63 ng
RT: 5.38 min Scan# 288
Delta R.T. -0.07 min
Lab File: BF093353.D
Acq: 3 Mar 2017 10:38

Tgt Ion:112 Resp: 1098954
Ion Ratio Lower Upper
112 100
64 70.8 46.1 69.1#
63 35.2 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: 108.22 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.05 min

Lab File: BF093353.D

Acq: 3 Mar 2017 10:38

Instrument :

BNA_F

ClientSampled :

14B-24

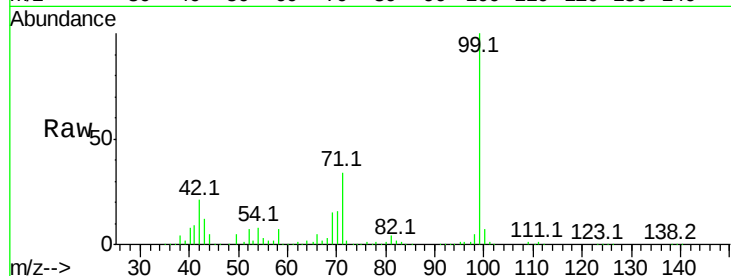
Tot Ion: 99 Resp: 1208447

Ion Ratio Lower Upper

99 100

42 21.4 15.6 23.4

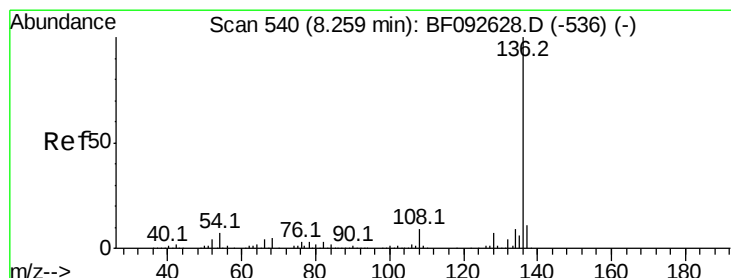
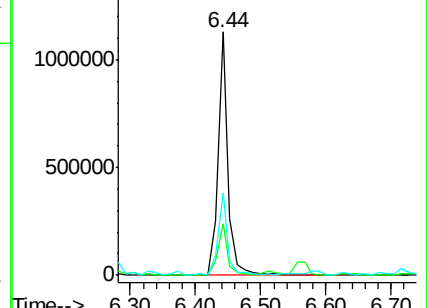
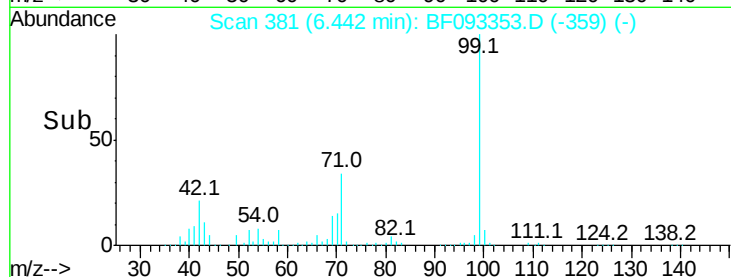
71 33.7 27.5 41.3



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: 8.09 min Scan# 525

Delta R.T. -0.06 min

Lab File: BF093353.D

Acq: 3 Mar 2017 10:38

Tgt Ion: 136 Resp: 549385

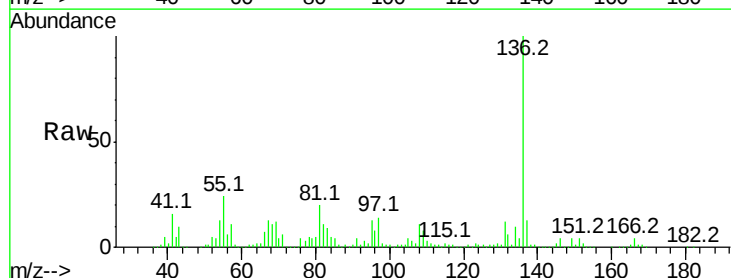
Ion Ratio Lower Upper

136 100

137 12.5 8.4 12.6

54 13.0 4.5 6.7#

68 10.7 3.6 5.4#

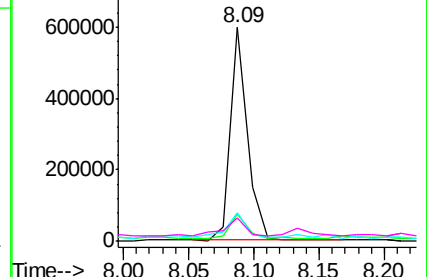
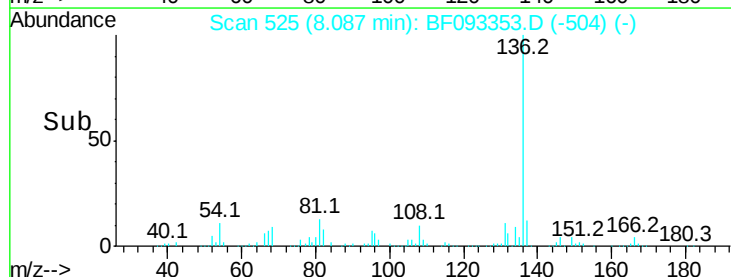


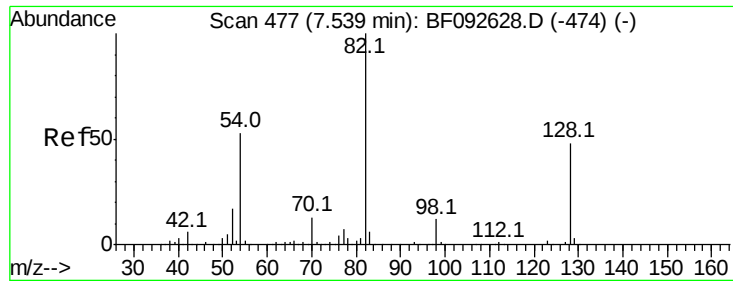
Abundance Ion 136.00 (135.70 to 136.70): E

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

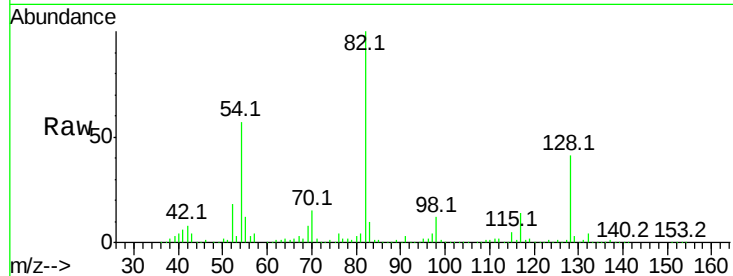




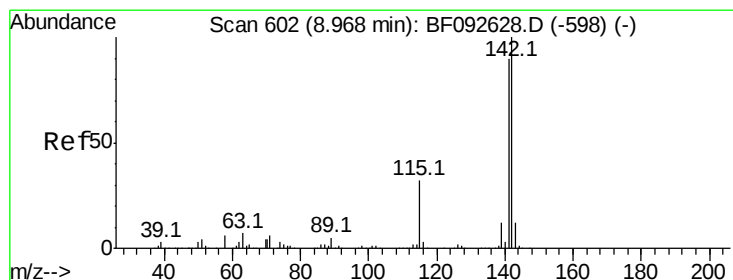
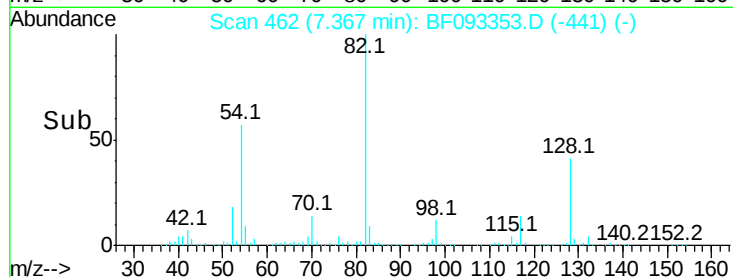
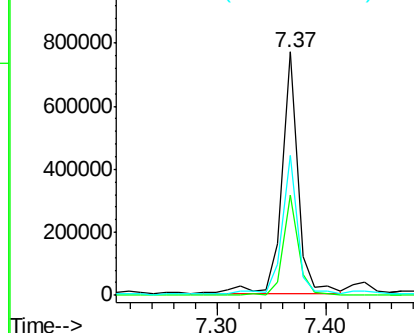
#23
Nitrobenzene-d5
Concen: 79.66 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.06 min
Lab File: BF093353.D
Acq: 3 Mar 2017 10:38

Instrument :
BNA_F
ClientSampleId :
14B-24

Tot Ion: 82 Resp: 785880
Ion Ratio Lower Upper
82 100
128 41.2 34.6 52.0
54 57.2 39.5 59.3

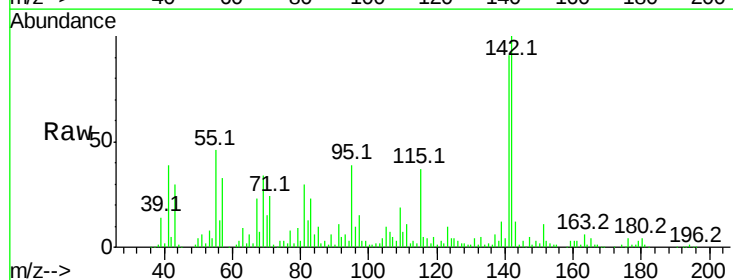


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

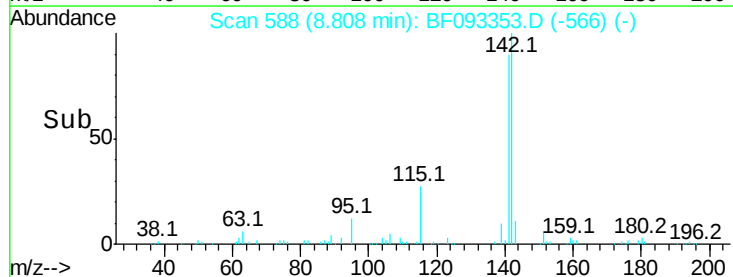
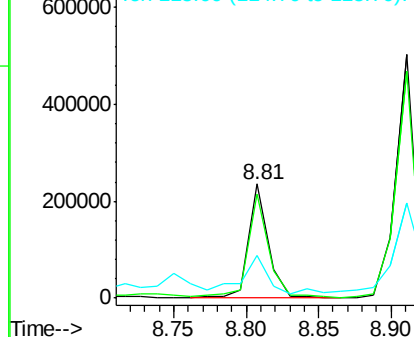


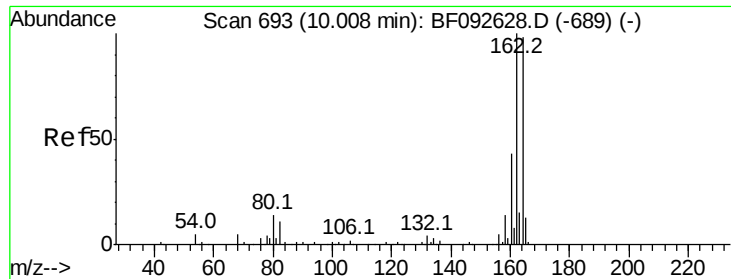
#37
2-Methylnaphthalene
Concen: 12.17 ng
RT: 8.81 min Scan# 588
Delta R.T. -0.05 min
Lab File: BF093353.D
Acq: 3 Mar 2017 10:38

Tgt Ion: 142 Resp: 217599
Ion Ratio Lower Upper
142 100
141 91.2 71.0 106.6
115 37.2 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): B
Ion 141.00 (140.70 to 141.70): B
Ion 115.00 (114.70 to 115.70): B

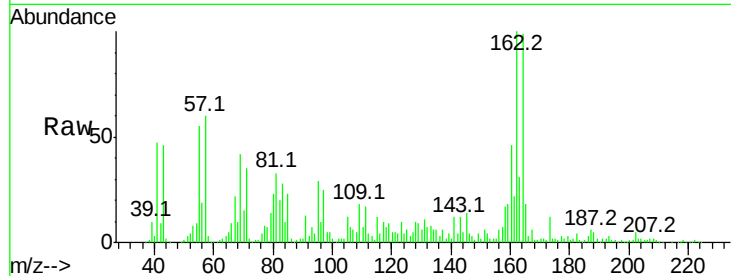




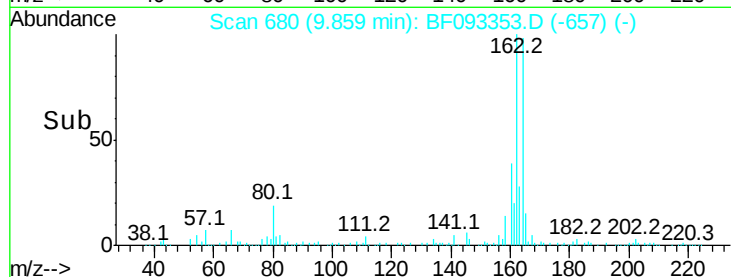
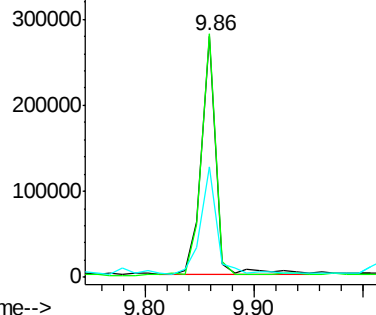
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.03 min
Lab File: BF093353.D
Acq: 3 Mar 2017 10:38

Instrument :
BNA_F
ClientSampleId :
14B-24

Tot Ion:164 Resp: 256102
Ion Ratio Lower Upper
164 100
162 100.8 80.2 120.2
160 46.0 36.9 55.3

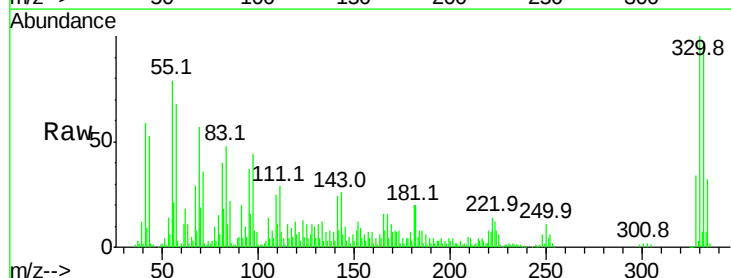


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

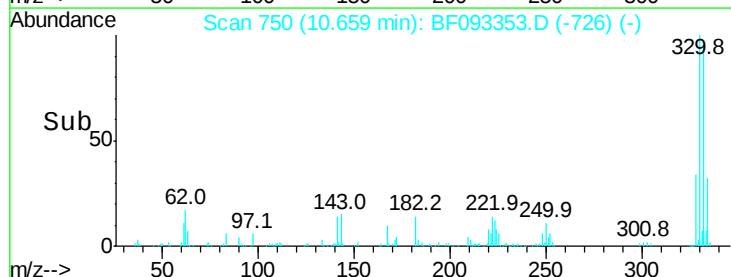
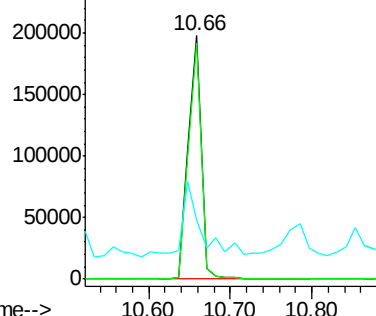


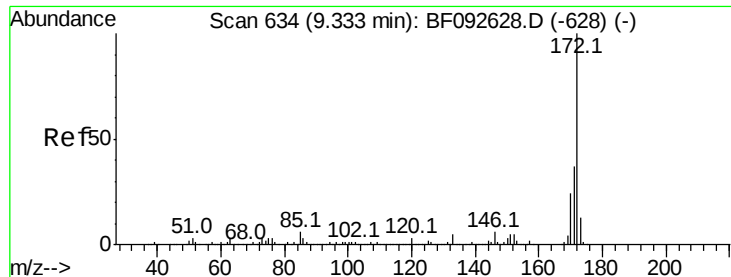
#41
2,4,6-Tribromophenol
Concen: 118.63 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.02 min
Lab File: BF093353.D
Acq: 3 Mar 2017 10:38

Tgt Ion:330 Resp: 219742
Ion Ratio Lower Upper
330 100
332 95.8 77.4 116.2
141 48.3 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: 77.35 ng

RT: 9.17 min Scan# 620

Delta R.T. -0.05 min

Lab File: BF093353.D

Acq: 3 Mar 2017 10:38

Instrument :

BNA_F

ClientSampleId :

14B-24

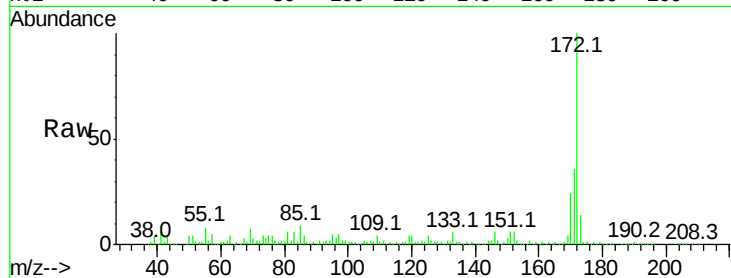
Tot Ion:172 Resp: 1093412

Ion Ratio Lower Upper

172 100

171 35.8 29.4 44.0

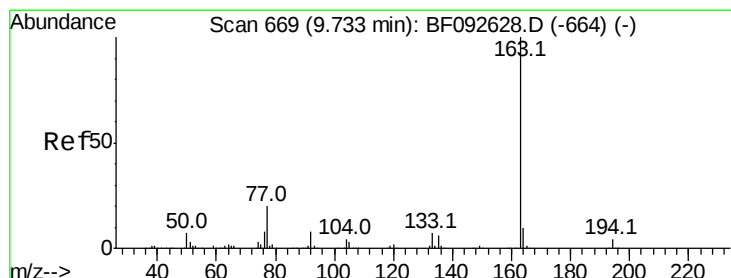
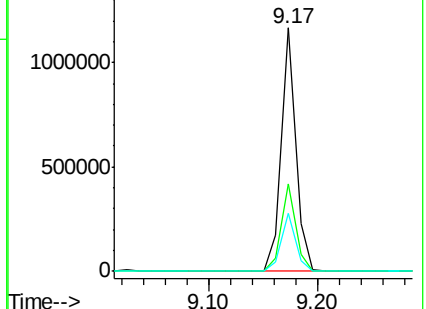
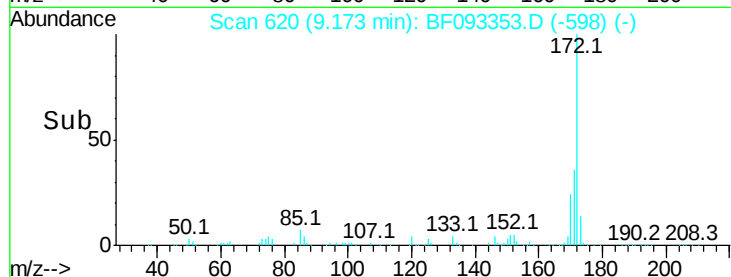
170 24.1 20.2 30.4



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: 10.05 ng

RT: 9.57 min Scan# 655

Delta R.T. -0.05 min

Lab File: BF093353.D

Acq: 3 Mar 2017 10:38

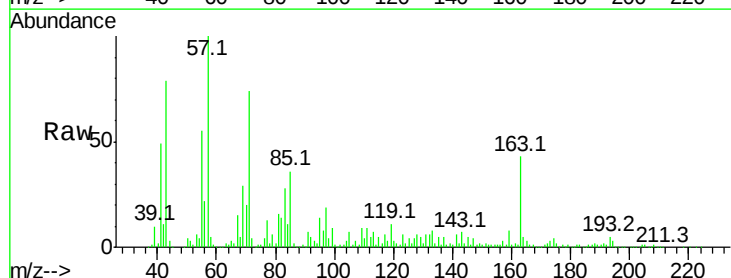
Tgt Ion:163 Resp: 173310

Ion Ratio Lower Upper

163 100

194 6.4 3.0 4.4#

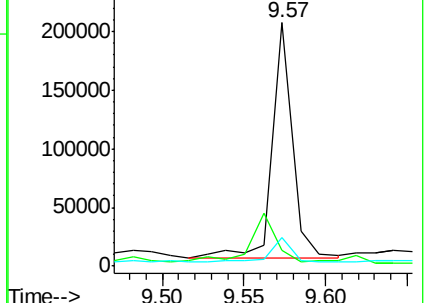
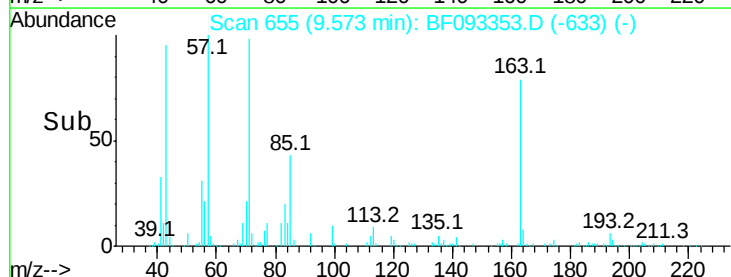
164 11.6 8.0 12.0

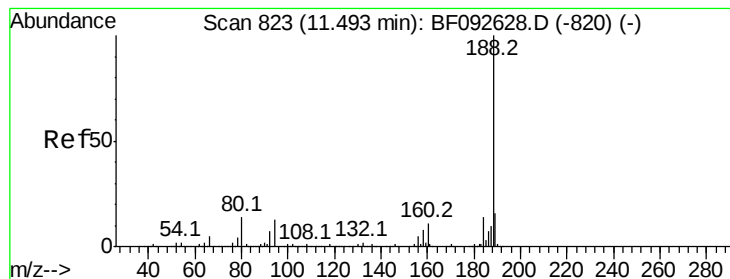


Abundance Ion 163.00 (162.70 to 163.70): E

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: 11.34 min Scan# 810

Delta R.T. -0.03 min

Lab File: BF093353.D

Acq: 3 Mar 2017 10:38

Instrument :

BNA_F

ClientSampleId :

14B-24

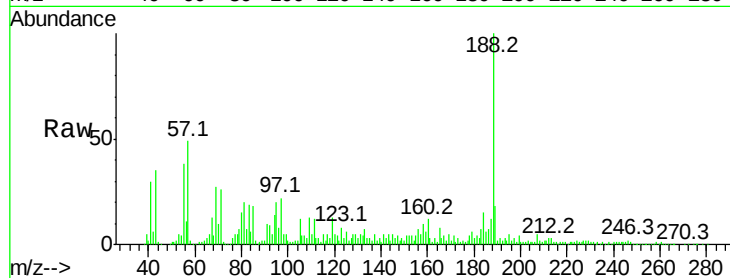
Tot Ion:188 Resp: 377766

Ion Ratio Lower Upper

188 100

94 14.3 10.0 15.0

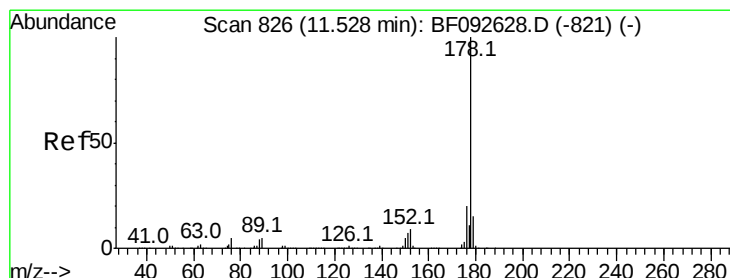
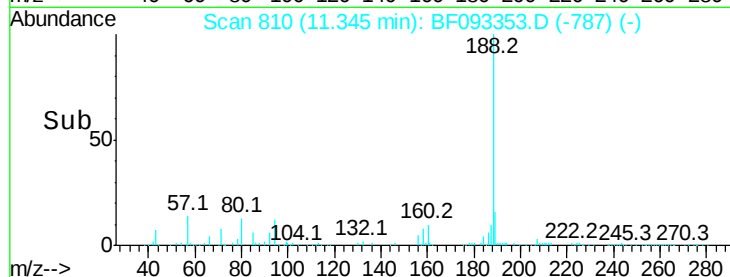
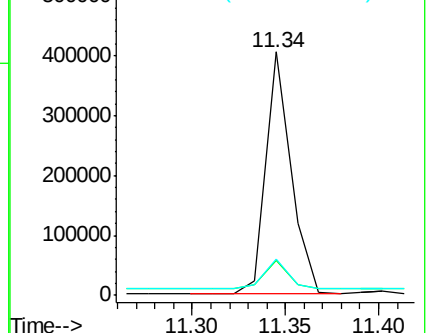
80 15.1 11.2 16.8



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



#70

Phenanthrene

Concen: 12.54 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.03 min

Lab File: BF093353.D

Acq: 3 Mar 2017 10:38

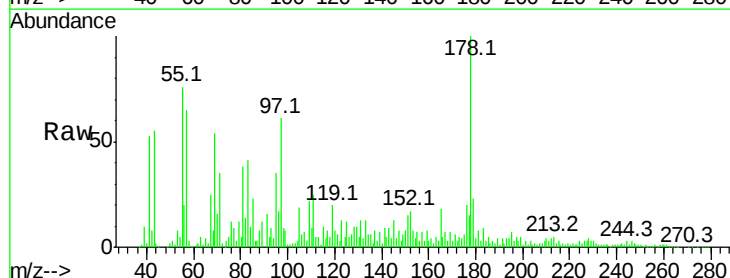
Tgt Ion:178 Resp: 271366

Ion Ratio Lower Upper

178 100

176 20.1 16.6 25.0

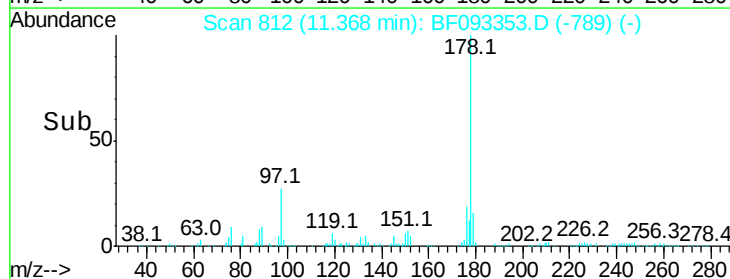
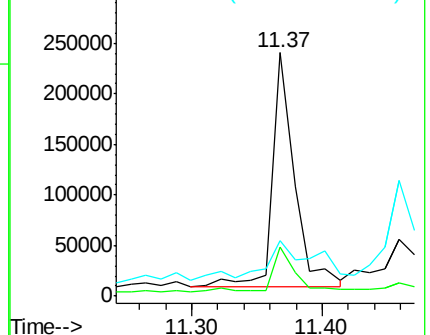
179 23.0 12.8 19.2#

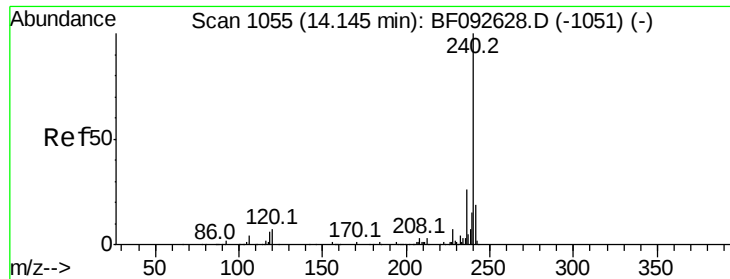


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.03 min

Lab File: BF093353.D

Acq: 3 Mar 2017 10:38

Instrument :

BNA_F

ClientSampleId :

14B-24

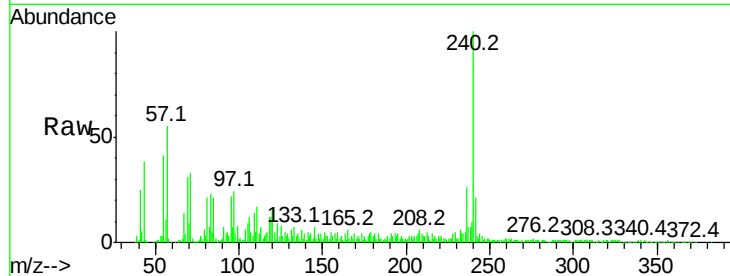
Tot Ion:240 Resp: 265205

Ion Ratio Lower Upper

240 100

120 16.1 12.9 19.3

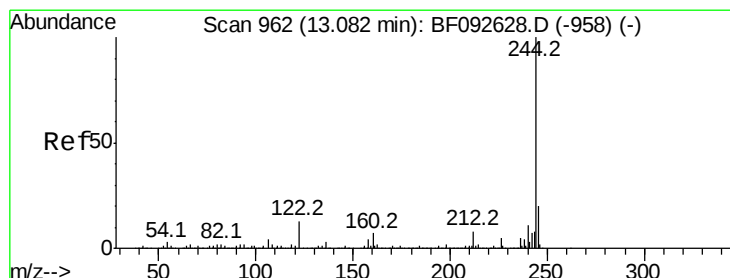
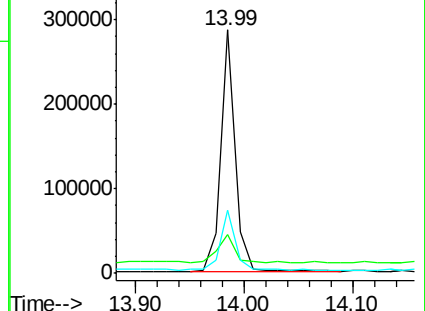
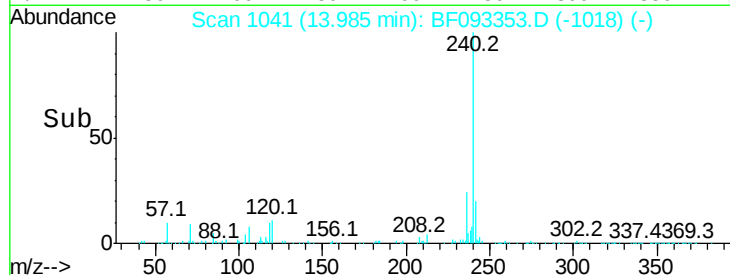
236 26.1 20.9 31.3



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: 65.76 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.03 min

Lab File: BF093353.D

Acq: 3 Mar 2017 10:38

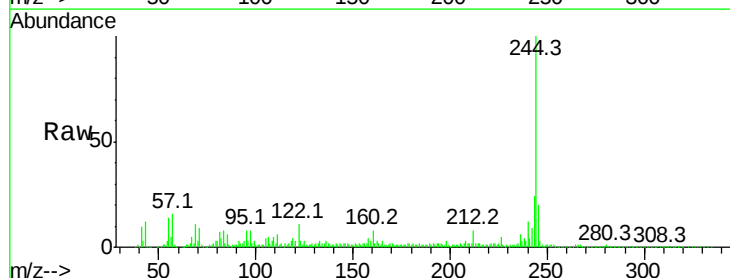
Tgt Ion:244 Resp: 742230

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

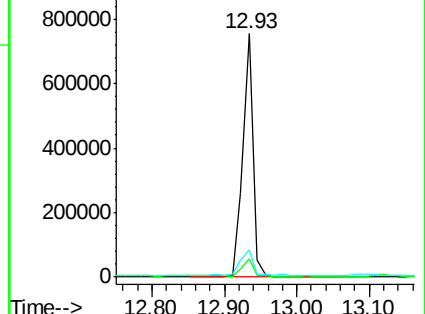
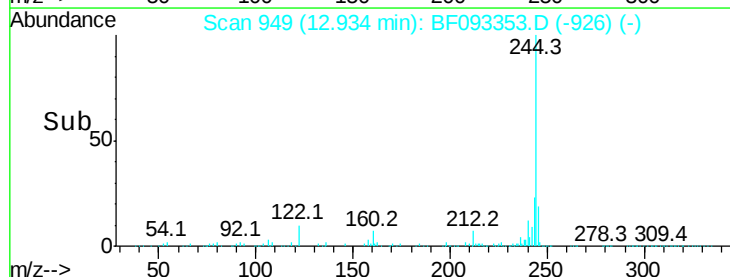
122 11.3 11.4 17.2#

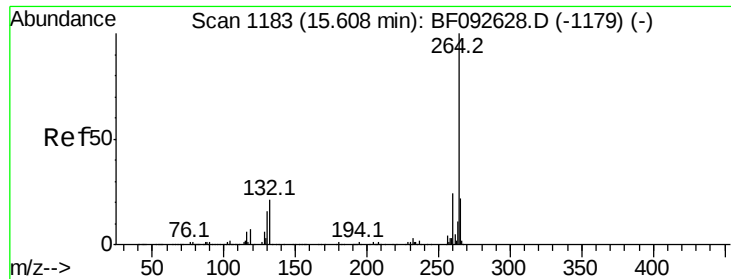


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

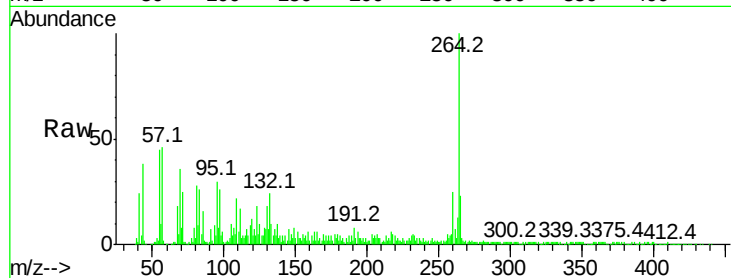




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.03 min
 Lab File: BF093353.D
 Acq: 3 Mar 2017 10:38

Instrument :
 BNA_F
 ClientSampleId :
 14B-24

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	22.6	17.4	26.0



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

