

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031317\
 Data File : BF093658.D
 Acq On : 14 Mar 2017 14:59
 Operator : SJ/MA
 Sample : I2224-02
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 030917-PRRT-F-D-M

Quant Time: Mar 15 05:12:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

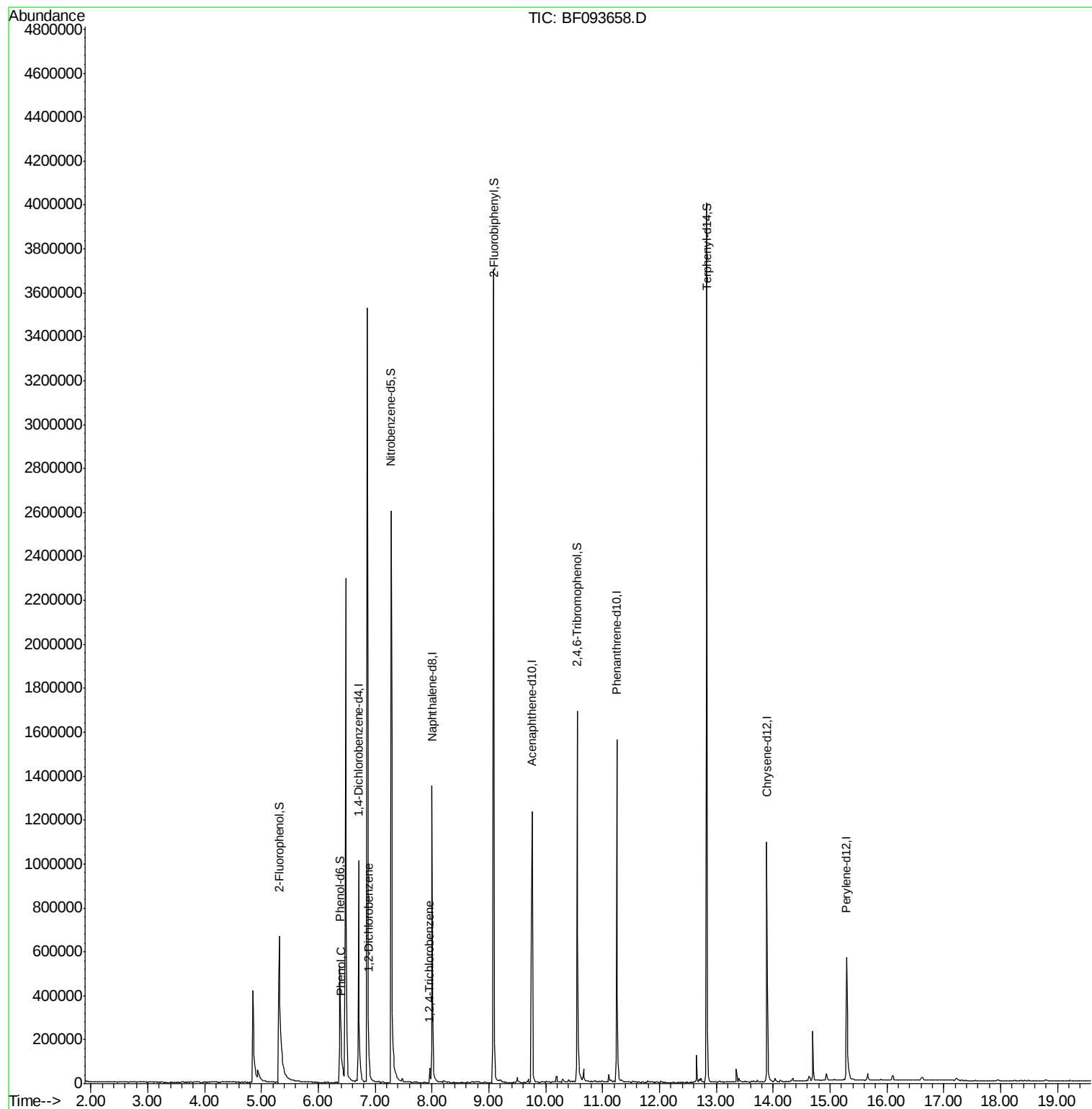
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	163401	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	659397	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	307099	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	596452	20.00	ng	0.00
75) Chrysene-d12	13.89	240	455264	20.00	ng	0.00
86) Perylene-d12	15.29	264	296100	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	455111	46.36	ng	0.00
7) Phenol-d6	6.38	99	358915	28.99	ng	0.00
23) Nitrobenzene-d5	7.28	82	1159638	97.58	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	193140	96.53	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1780348	107.83	ng	0.00
78) Terphenyl-d14	12.84	244	1369956	78.24	ng	0.01
Target Compounds						
10) Phenol	6.40	94	36086	2.38	ng	95
14) 1,2-Dichlorobenzene	6.88	146	25925	2.27	ng	99
30) 1,2,4-Trichlorobenzene	7.96	180	20109	2.03	ng	# 91

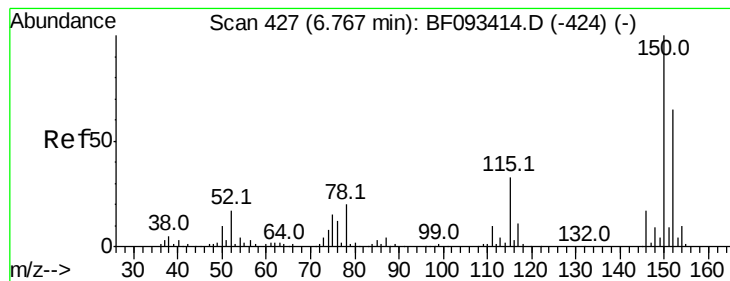
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031317\
Data File : BF093658.D
Acq On : 14 Mar 2017 14:59
Operator : SJ/MA
Sample : I2224-02
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
030917-PRRT-F-D-M

Quant Time: Mar 15 05:12:50 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 13 15:05:08 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF093658.D

Acq: 14 Mar 2017 14:59

Instrument :

BNA_F

ClientSampleId :

030917-PRRT-F-D-M

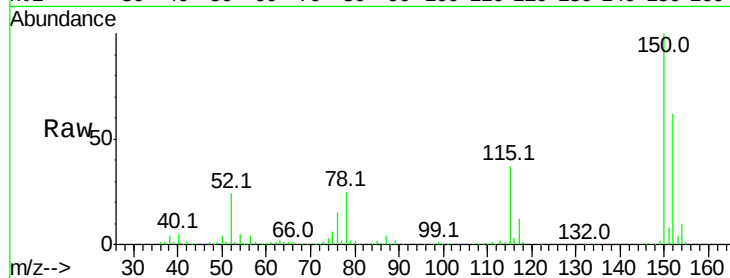
Tot Ion:152 Resp: 163401

Ion Ratio Lower Upper

152 100

150 162.1 124.9 187.3

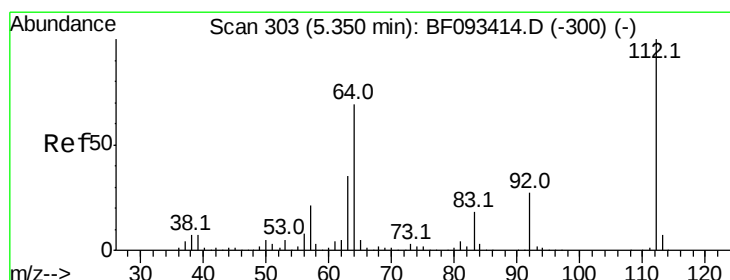
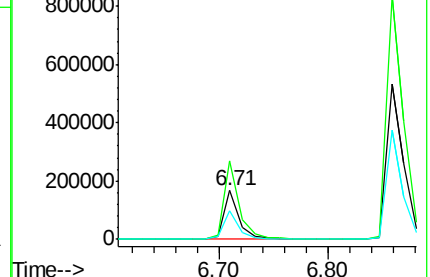
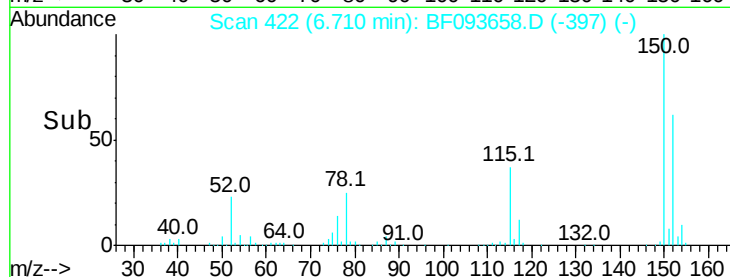
115 59.7 46.0 69.0



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: 46.36 ng

RT: 5.32 min Scan# 300

Delta R.T. -0.00 min

Lab File: BF093658.D

Acq: 14 Mar 2017 14:59

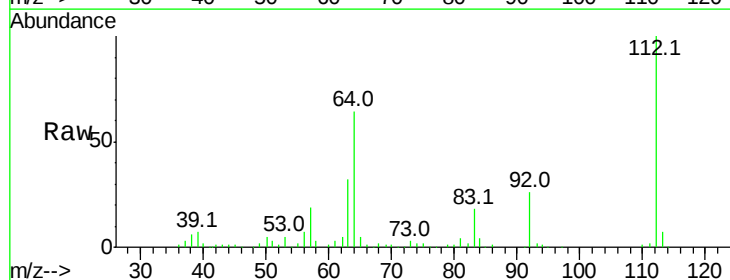
Tgt Ion:112 Resp: 455111

Ion Ratio Lower Upper

112 100

64 64.0 46.1 69.1

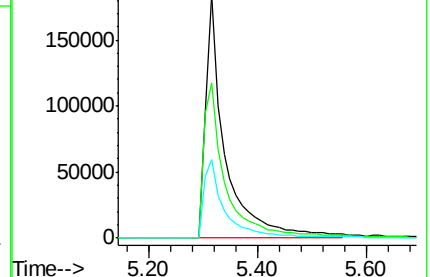
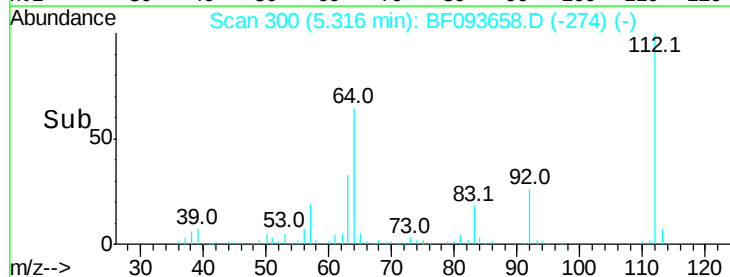
63 32.5 23.8 35.6

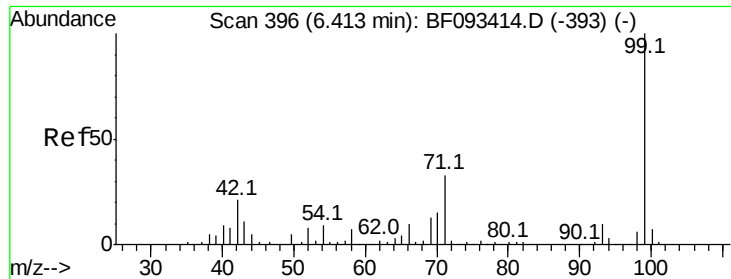


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 28.99 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF093658.D

Acq: 14 Mar 2017 14:59

Instrument :

BNA_F

ClientSampleId :

030917-PRRT-F-D-M

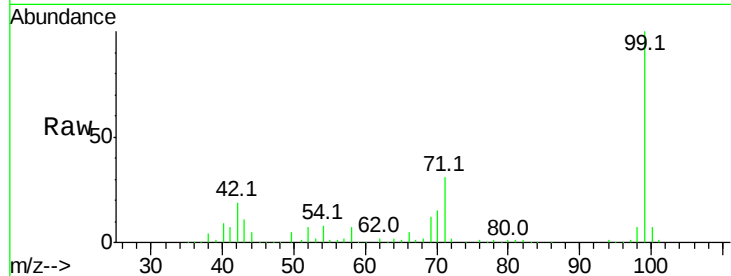
Tot Ion: 99 Resp: 358915

Ion Ratio Lower Upper

99 100

42 19.4 15.6 23.4

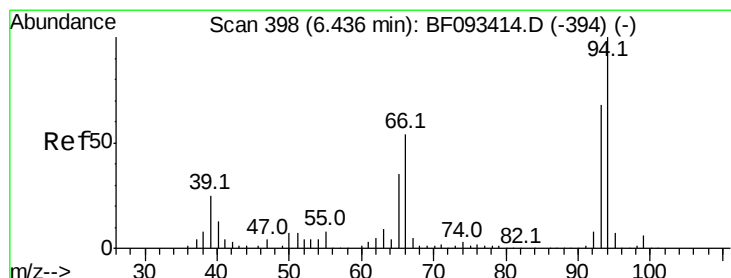
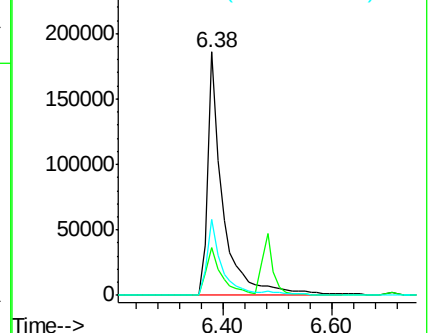
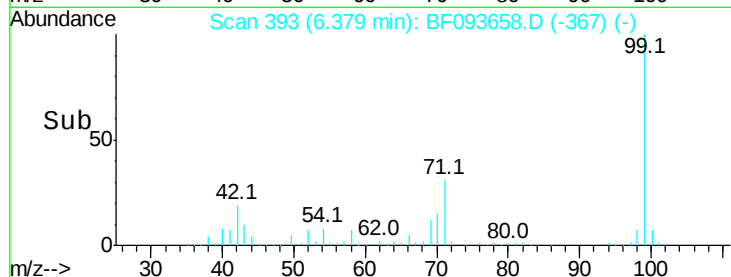
71 31.1 27.5 41.3



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



#10

Phenol

Concen: 2.38 ng

RT: 6.40 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF093658.D

Acq: 14 Mar 2017 14:59

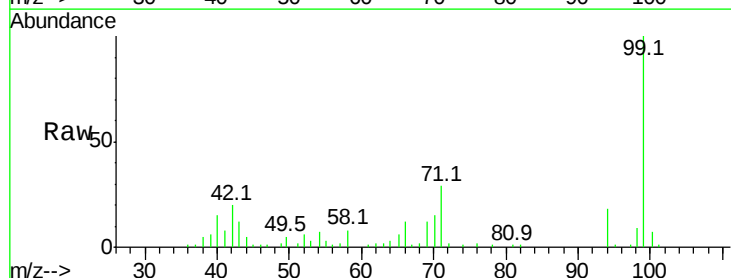
Tgt Ion: 94 Resp: 36086

Ion Ratio Lower Upper

94 100

65 34.3 21.4 61.4

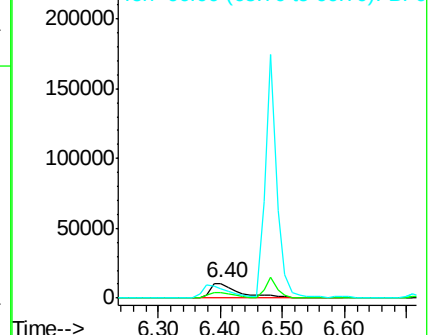
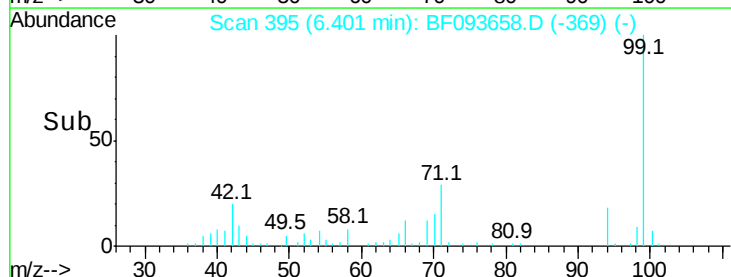
66 64.6 44.0 84.0

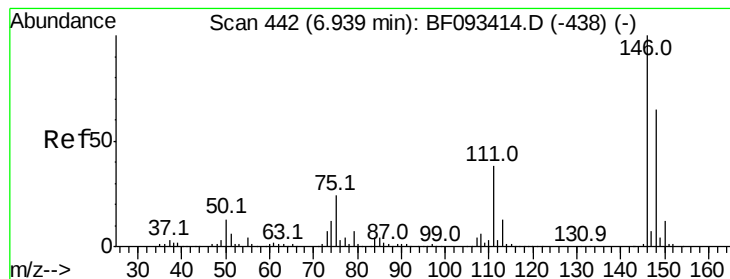


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

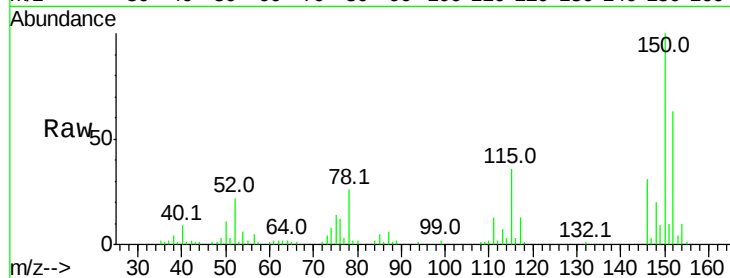




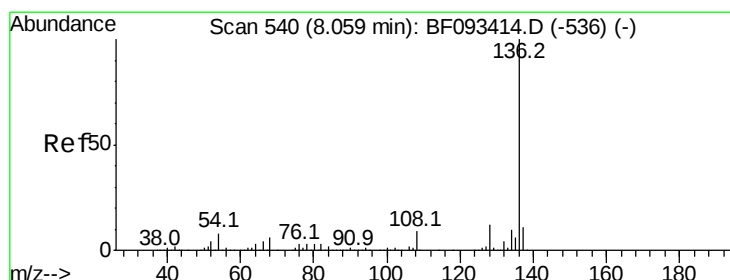
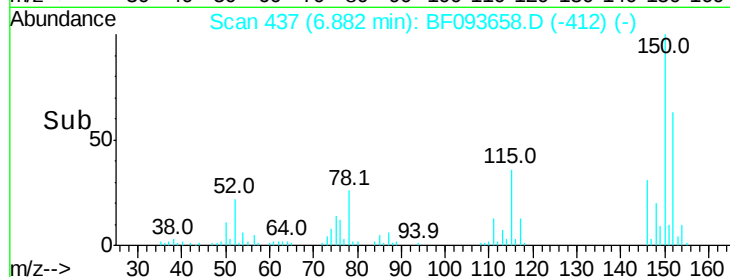
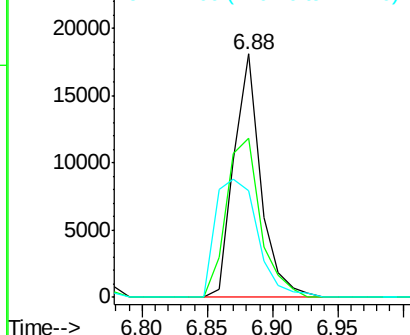
#14
 1,2-Dichlorobenzene
 Concen: 2.27 ng
 RT: 6.88 min Scan# 437
 Delta R.T. -0.01 min
 Lab File: BF093658.D
 Acq: 14 Mar 2017 14:59

Instrument :
 BNA_F
 ClientSampleId :
 030917-PRRT-F-D-M

Tot Ion:146 Resp: 25925
 Ion Ratio Lower Upper
 146 100
 148 65.3 52.2 78.2
 111 43.6 36.2 54.2

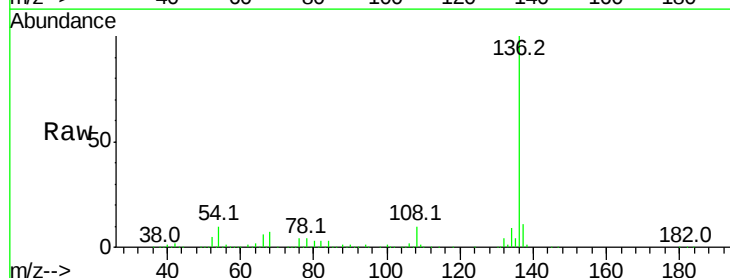


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

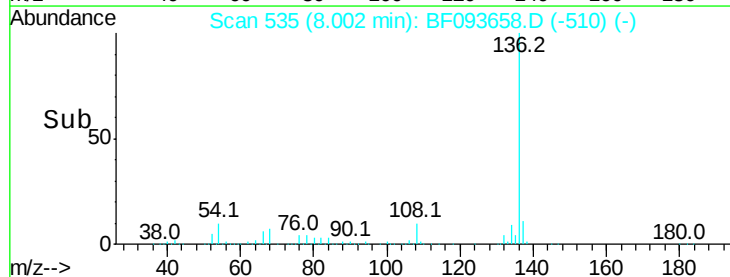
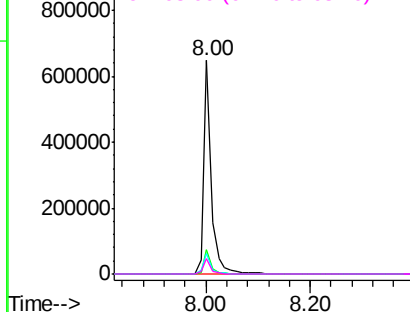


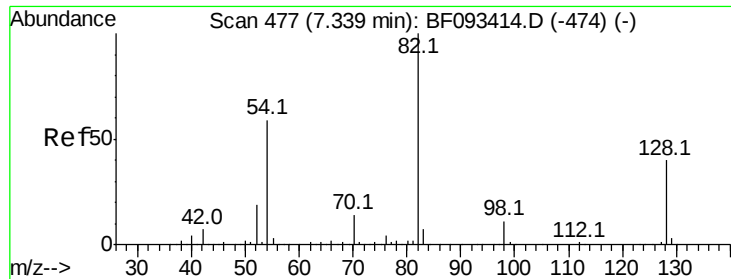
#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.00 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: BF093658.D
 Acq: 14 Mar 2017 14:59

Tgt Ion:136 Resp: 659397
 Ion Ratio Lower Upper
 136 100
 137 11.2 8.4 12.6
 54 9.8 4.5 6.7#
 68 7.1 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



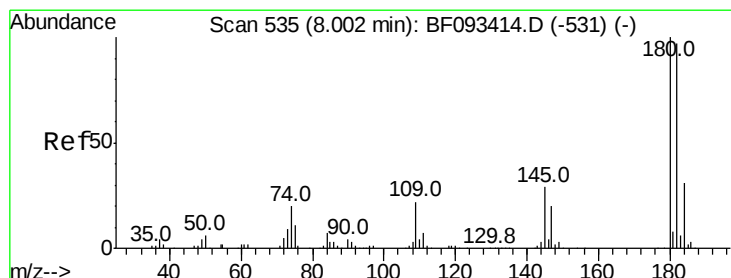
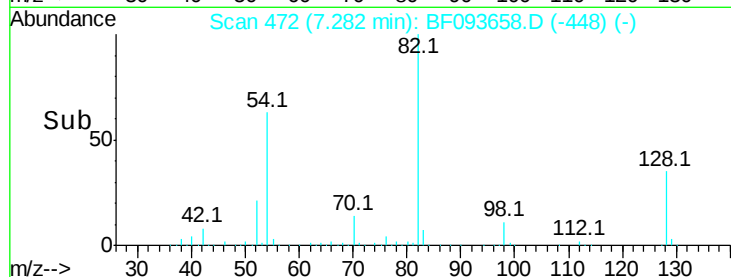
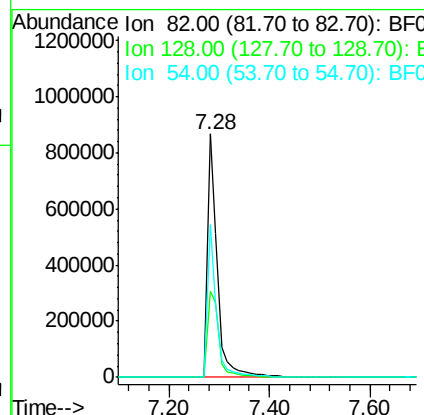
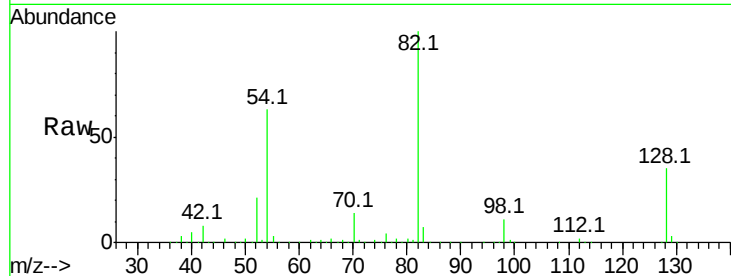


#23
 Nitrobenzene-d5
 Concen: 97.58 ng
 RT: 7.28 min Scan# 472
 Delta R.T. -0.02 min
 Lab File: BF093658.D
 Acq: 14 Mar 2017 14:59

Instrument :
 BNA_F
 ClientSampleId :
 030917-PRRT-F-D-M

Tot Ion: 82 Resp: 1159638

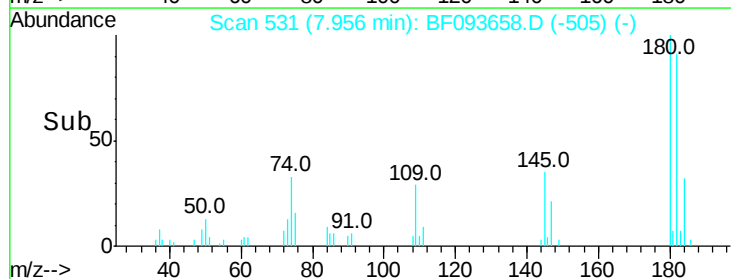
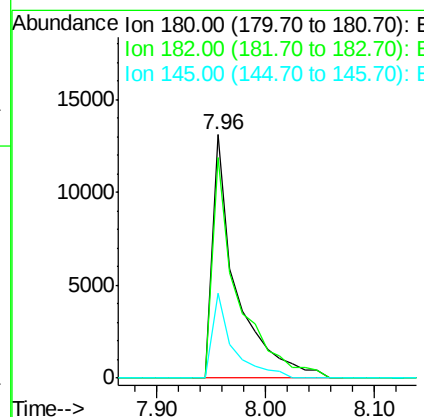
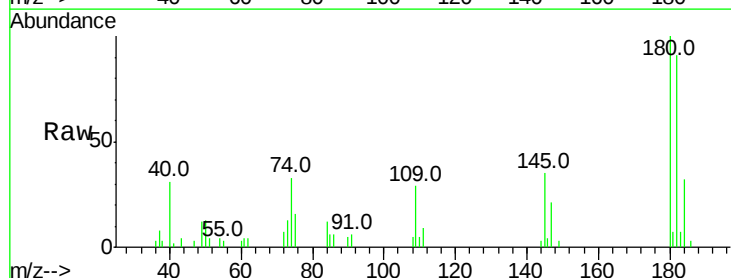
Ion	Ratio	Lower	Upper
82	100		
128	35.5	34.6	52.0
54	62.7	39.5	59.3#

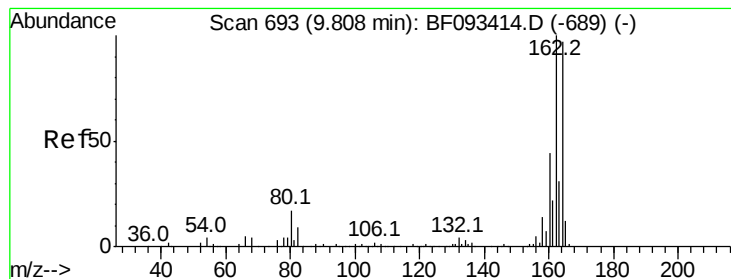


#30
 1,2,4-Trichlorobenzene
 Concen: 2.03 ng
 RT: 7.96 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: BF093658.D
 Acq: 14 Mar 2017 14:59

Tgt Ion:180 Resp: 20109

Ion	Ratio	Lower	Upper
180	100		
182	90.7	78.2	117.4
145	35.1	21.6	32.4#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.76 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF093658.D

Acq: 14 Mar 2017 14:59

Instrument :

BNA_F

ClientSampleId :

030917-PRRT-F-D-M

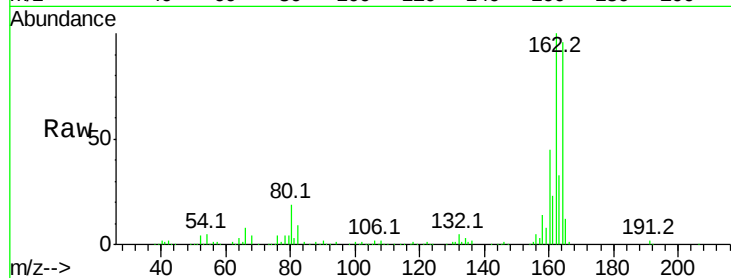
Tot Ion:164 Resp: 307099

Ion Ratio Lower Upper

164 100

162 104.5 80.2 120.2

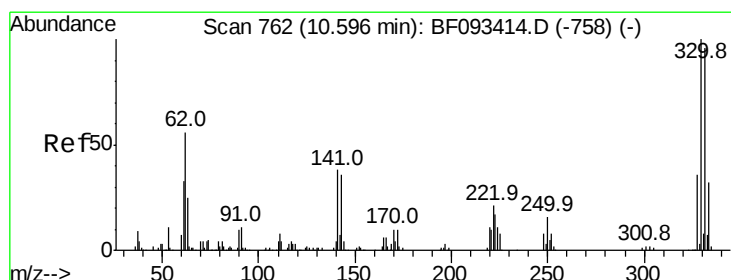
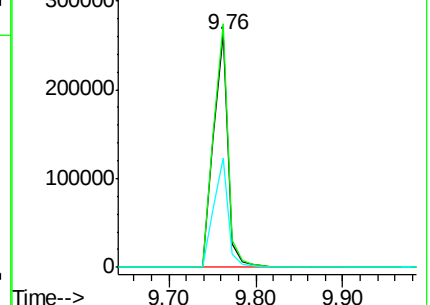
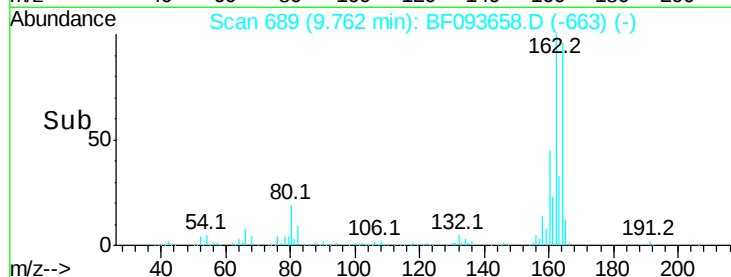
160 46.7 36.9 55.3



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: 96.53 ng

RT: 10.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF093658.D

Acq: 14 Mar 2017 14:59

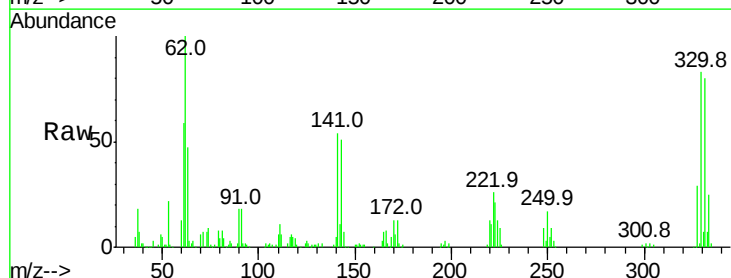
Tgt Ion:330 Resp: 193140

Ion Ratio Lower Upper

330 100

332 97.5 77.4 116.2

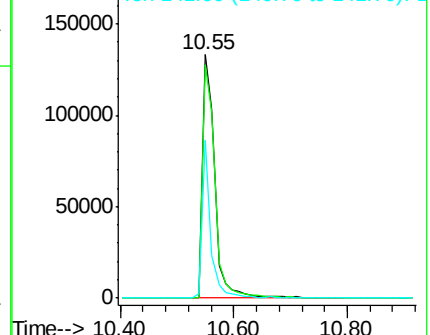
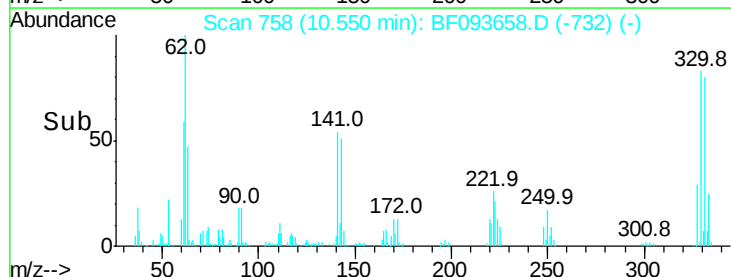
141 46.3 34.1 51.1

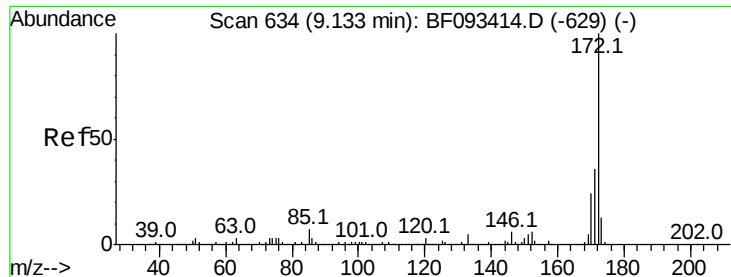


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 107.83 ng

RT: 9.09 min Scan# 630

Delta R.T. -0.00 min

Lab File: BF093658.D

Acq: 14 Mar 2017 14:59

Instrument :

BNA_F

ClientSampleId :

030917-PRRT-F-D-M

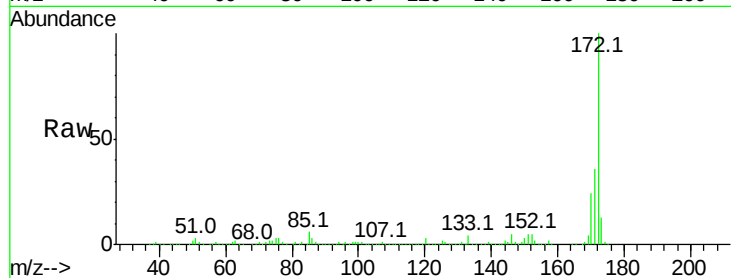
Tot Ion:172 Resp: 1780348

Ion Ratio Lower Upper

172 100

171 36.0 29.4 44.0

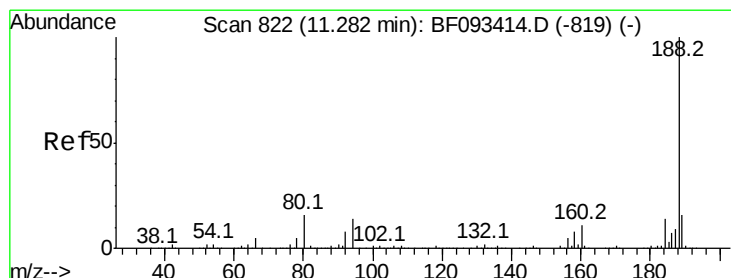
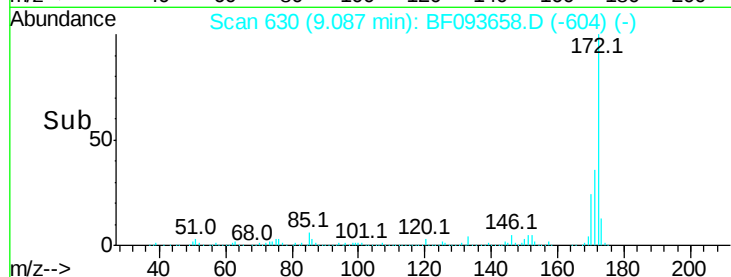
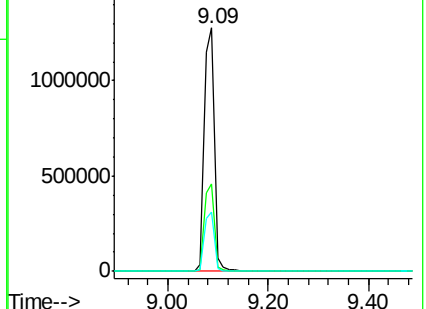
170 24.4 20.2 30.4



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.25 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF093658.D

Acq: 14 Mar 2017 14:59

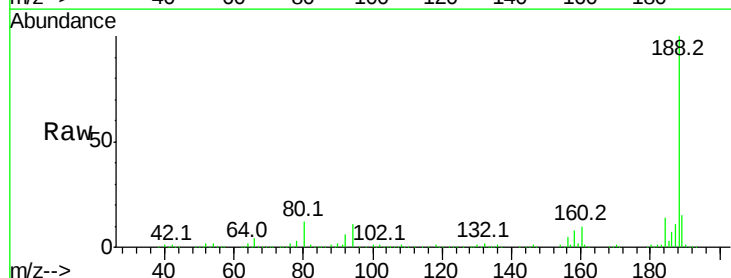
Tgt Ion:188 Resp: 596452

Ion Ratio Lower Upper

188 100

94 11.2 10.0 15.0

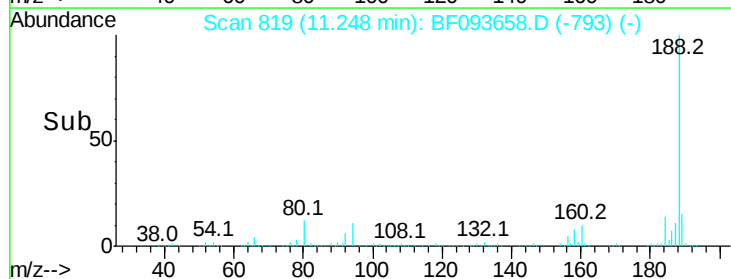
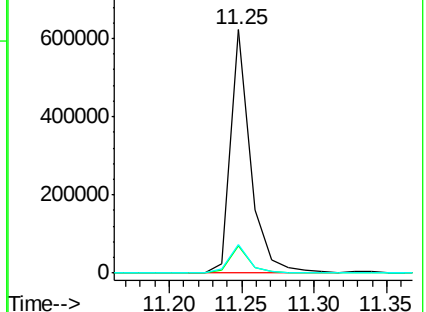
80 11.8 11.2 16.8

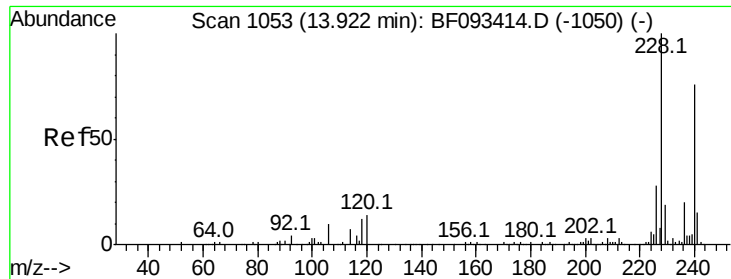


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

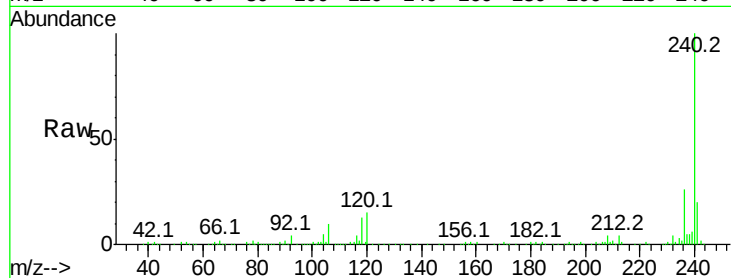




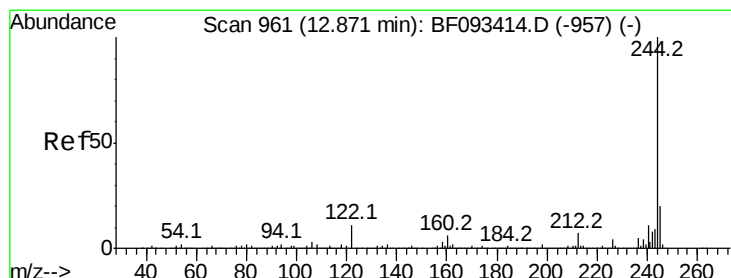
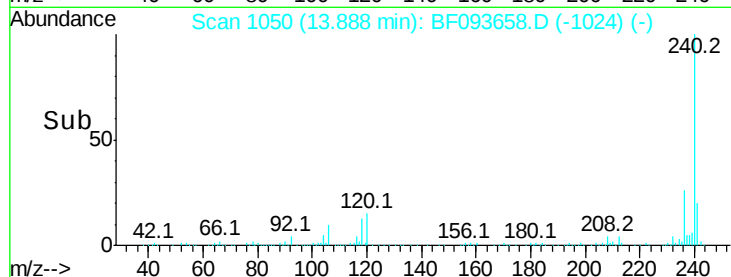
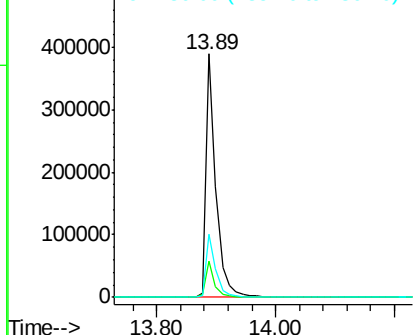
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.89 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: BF093658.D
 Acq: 14 Mar 2017 14:59

Instrument :
 BNA_F
 ClientSampleId :
 030917-PRRT-F-D-M

Tot Ion:240 Resp: 455264
 Ion Ratio Lower Upper
 240 100
 120 15.1 12.9 19.3
 236 25.7 20.9 31.3

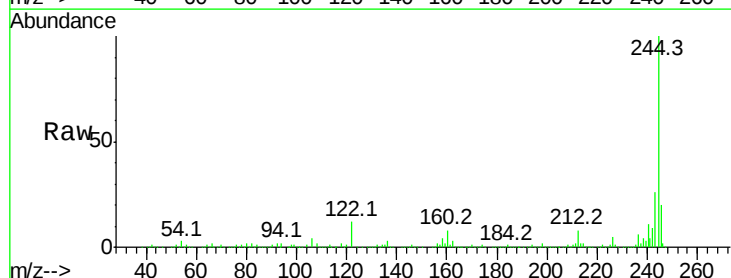


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

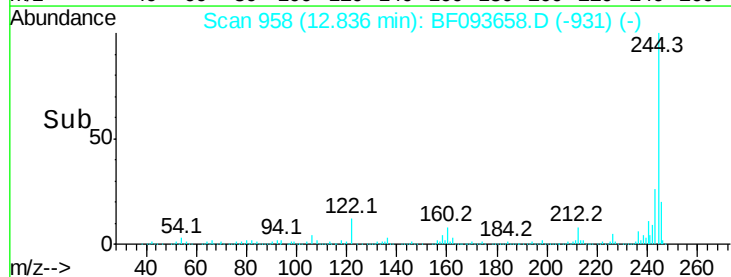
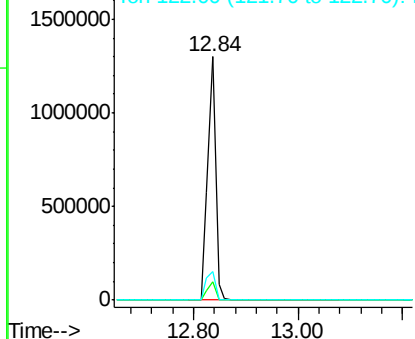


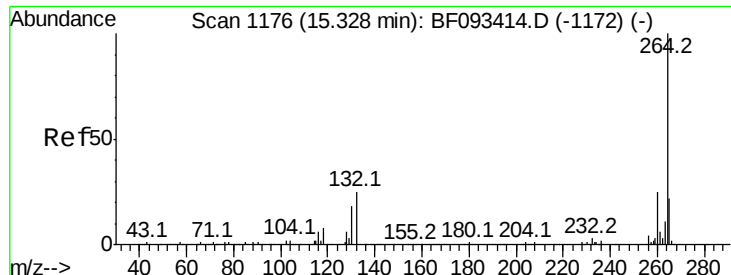
#78
 Terphenyl-d14
 Concen: 78.24 ng
 RT: 12.84 min Scan# 958
 Delta R.T. 0.01 min
 Lab File: BF093658.D
 Acq: 14 Mar 2017 14:59

Tgt Ion:244 Resp: 1369956
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 11.6 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

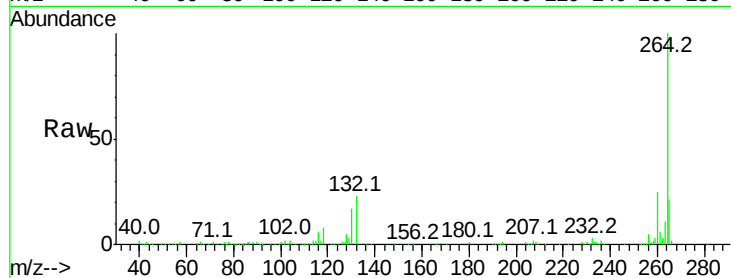




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1173
 Delta R.T. 0.01 min
 Lab File: BF093658.D
 Acq: 14 Mar 2017 14:59

Instrument :
 BNA_F
 ClientSampleId :
 030917-PRRT-F-D-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.4	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

