

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041117\
 Data File : BF094368.D
 Acq On : 11 Apr 2017 23:32
 Operator : SJ/MA
 Sample : I2611-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VIRGINROCK-1

Quant Time: Apr 12 03:45:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

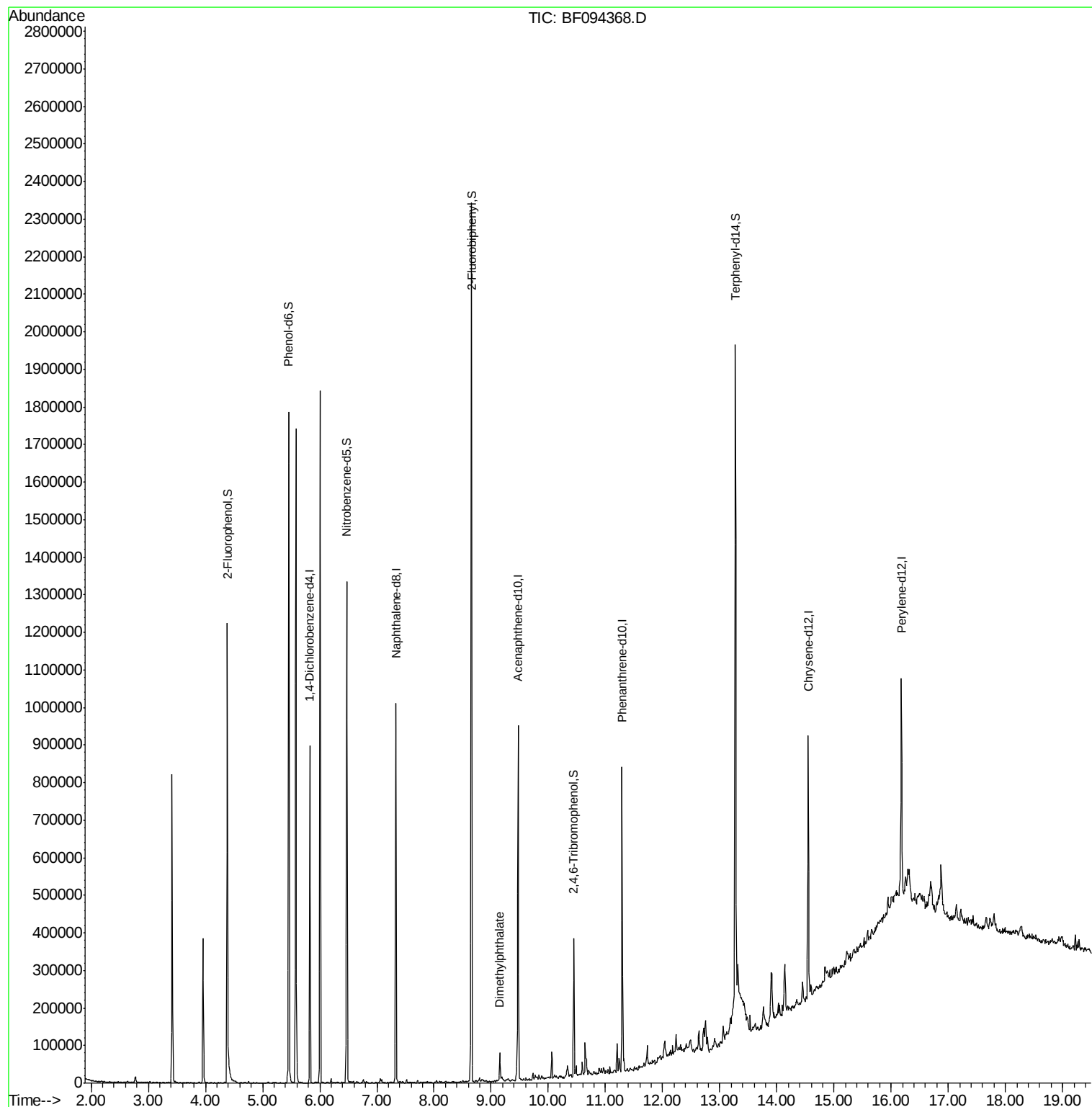
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.83	152	136544	20.00	ng	-0.03
21) Naphthalene-d8	7.33	136	523775	20.00	ng	-0.03
38) Acenaphthene-d10	9.47	164	211533	20.00	ng	-0.03
63) Phenanthrene-d10	11.29	188	328735	20.00	ng	-0.03
75) Chrysene-d12	14.55	240	286664	20.00	ng	-0.02
86) Perylene-d12	16.18	264	222506	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.38	112	384445	47.55	ng	0.00
7) Phenol-d6	5.46	99	676558	67.65	ng	0.00
23) Nitrobenzene-d5	6.47	82	459865	50.11	ng	-0.04
41) 2,4,6-Tribromophenol	10.44	330	39947	23.90	ng	-0.03
44) 2-Fluorobiphenyl	8.66	172	869368	62.69	ng	-0.03
78) Terphenyl-d14	13.27	244	592831	46.35	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.15	163	32270	2.15	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: 5.83 min Scan# 670

Delta R.T. -0.03 min

Lab File: BF094368.D

Acq: 11 Apr 2017 23:32

Instrument :

BNA_F

ClientSampleId :

VIRGINROCK-1

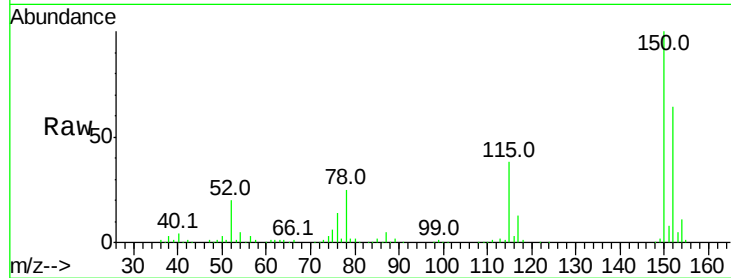
Tot Ion:152 Resp: 136544

Ion Ratio Lower Upper

152 100

150 156.4 126.2 189.2

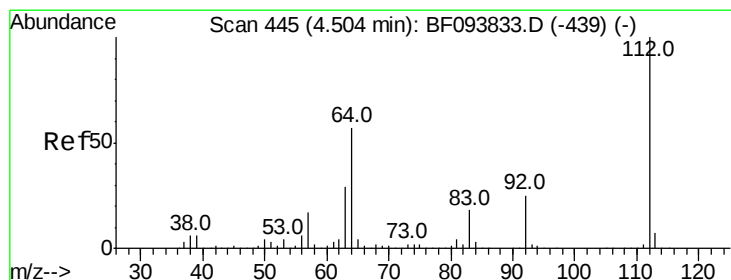
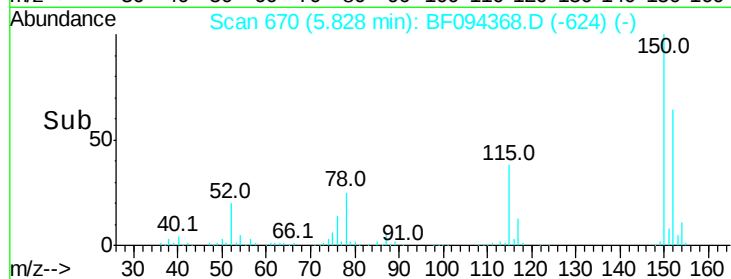
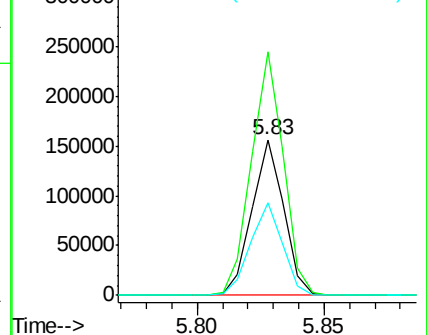
115 59.7 52.2 78.2



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: 47.55 ng

RT: 4.38 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF094368.D

Acq: 11 Apr 2017 23:32

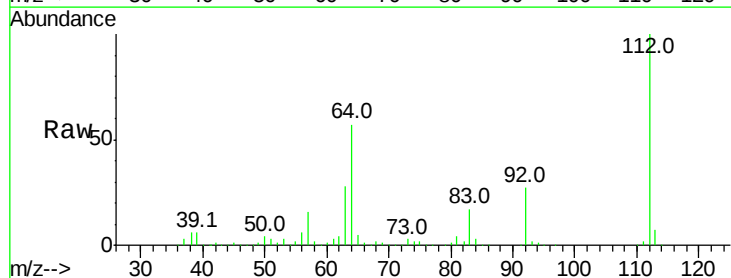
Tgt Ion:112 Resp: 384445

Ion Ratio Lower Upper

112 100

64 57.1 46.0 69.0

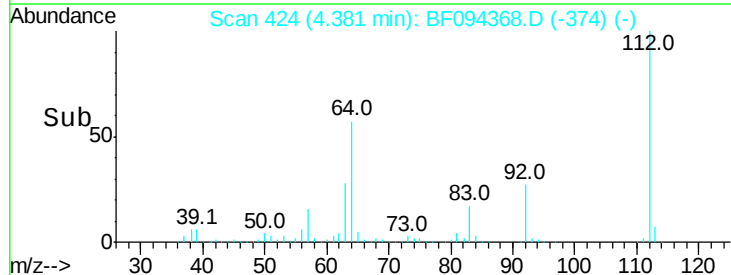
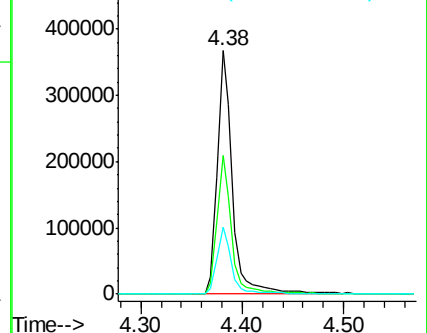
63 27.6 23.4 35.0

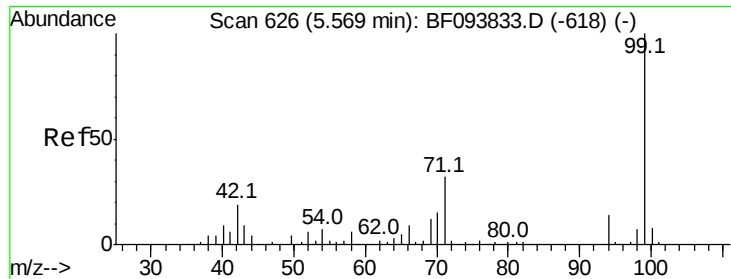


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 67.65 ng

RT: 5.46 min Scan# 607

Delta R.T. -0.01 min

Lab File: BF094368.D

Acq: 11 Apr 2017 23:32

Instrument :

BNA_F

ClientSampleId :

VIRGINROCK-1

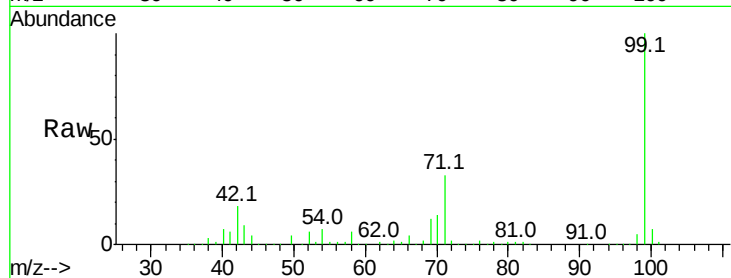
Tot Ion: 99 Resp: 676558

Ion Ratio Lower Upper

99 100

42 18.2 13.5 20.3

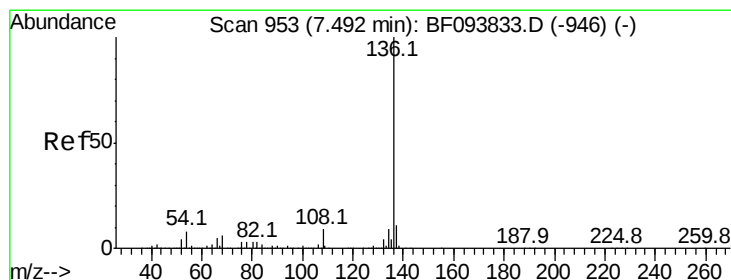
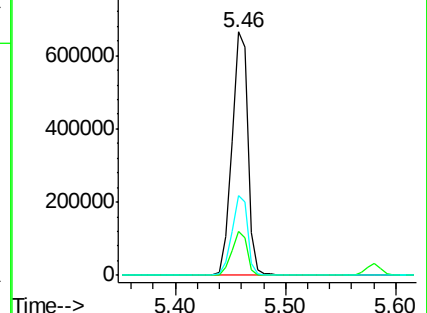
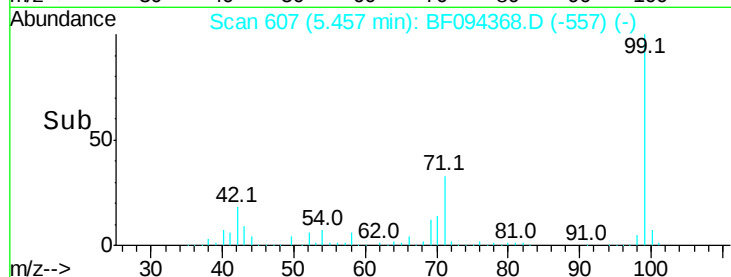
71 32.6 24.5 36.7



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: 7.33 min Scan# 926

Delta R.T. -0.03 min

Lab File: BF094368.D

Acq: 11 Apr 2017 23:32

Tgt Ion: 136 Resp: 523775

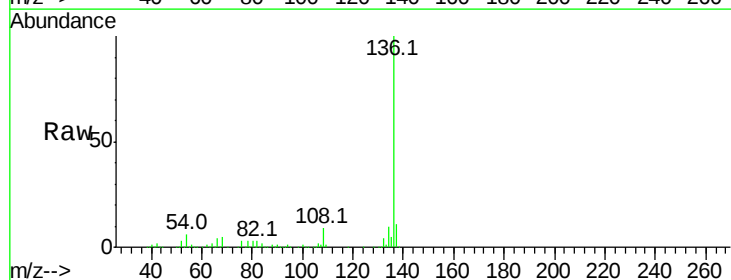
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 6.4 4.9 7.3

68 5.2 4.1 6.1

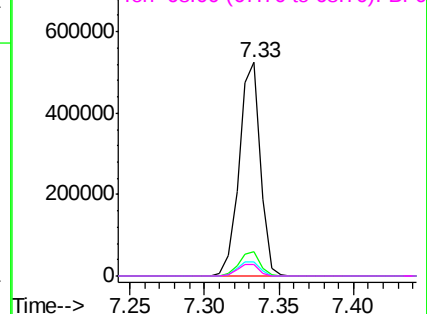
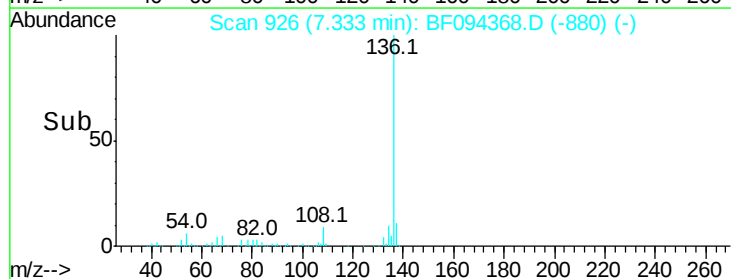


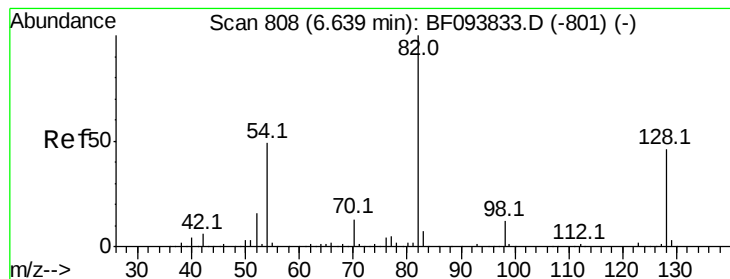
Abundance Ion 136.00 (135.70 to 136.70): E

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: 50.11 ng

RT: 6.47 min Scan# 780

Delta R.T. -0.04 min

Lab File: BF094368.D

Acq: 11 Apr 2017 23:32

Instrument :

BNA_F

ClientSampleId :

VIRGINROCK-1

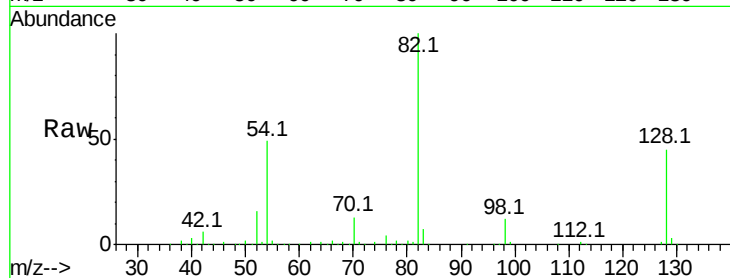
Tot Ion: 82 Resp: 459865

Ion Ratio Lower Upper

82 100

128 45.4 34.0 51.0

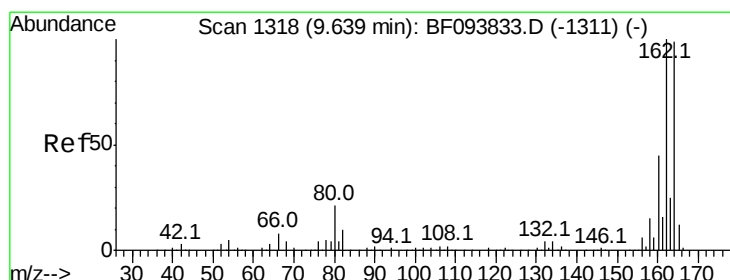
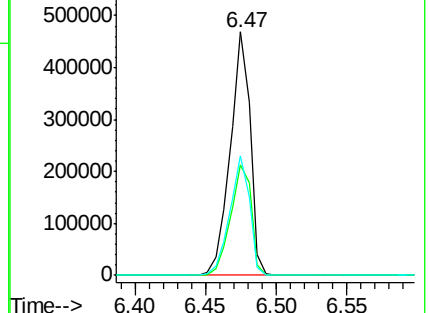
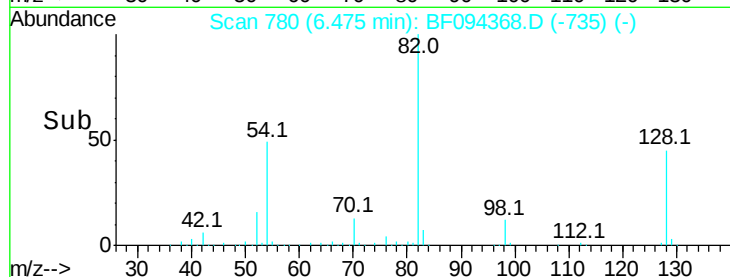
54 49.3 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.47 min Scan# 1289

Delta R.T. -0.03 min

Lab File: BF094368.D

Acq: 11 Apr 2017 23:32

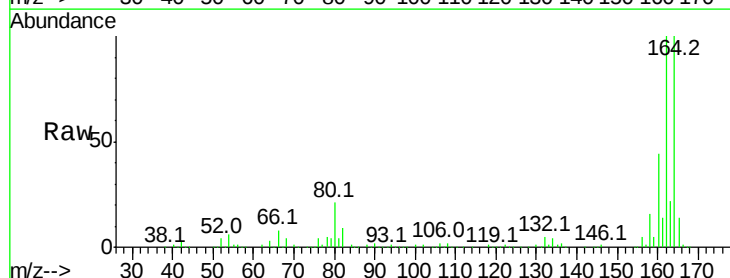
Tgt Ion:164 Resp: 211533

Ion Ratio Lower Upper

164 100

162 100.4 82.6 123.8

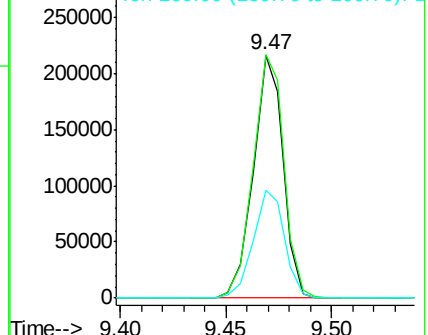
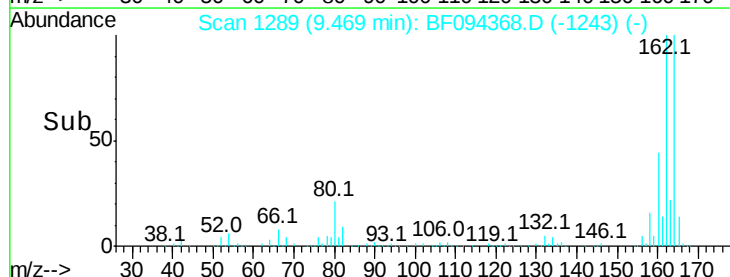
160 44.3 36.2 54.2



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: 23.90 ng

RT: 10.44 min Scan# 1455

Delta R.T. -0.03 min

Lab File: BF094368.D

Acq: 11 Apr 2017 23:32

Instrument :

BNA_F

ClientSampleId :

VIRGINROCK-1

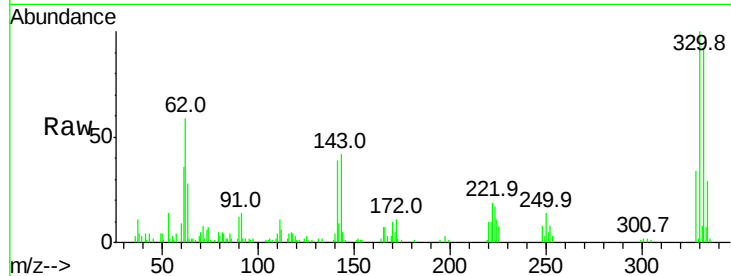
Tot Ion:330 Resp: 39947

Ion Ratio Lower Upper

330 100

332 94.1 76.6 115.0

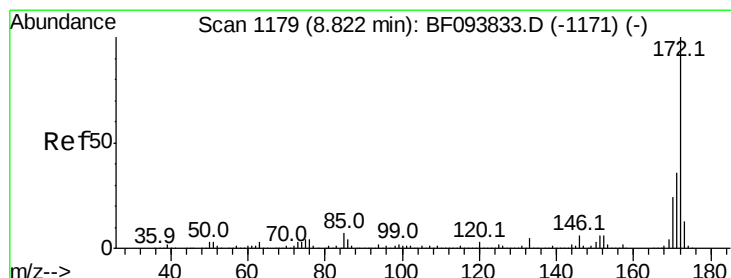
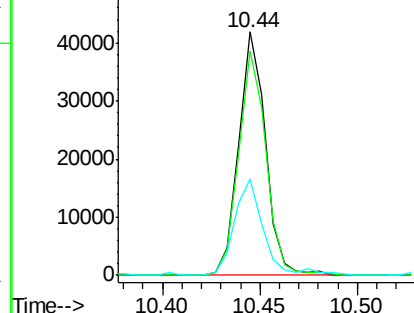
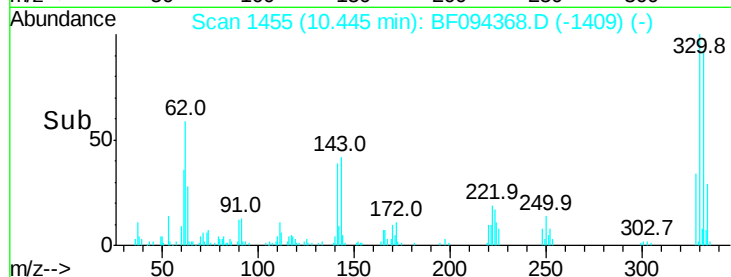
141 40.9 31.4 47.2



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: 62.69 ng

RT: 8.66 min Scan# 1151

Delta R.T. -0.03 min

Lab File: BF094368.D

Acq: 11 Apr 2017 23:32

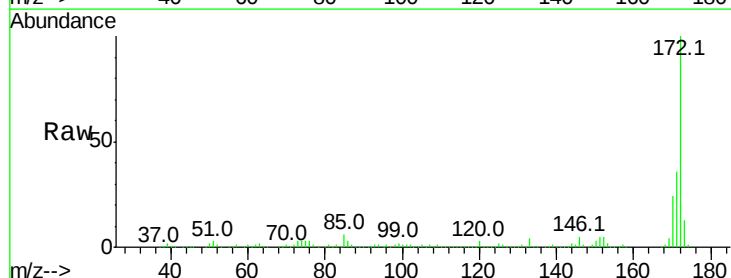
Tgt Ion:172 Resp: 869368

Ion Ratio Lower Upper

172 100

171 35.5 29.6 44.4

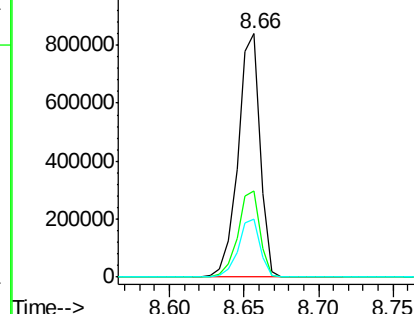
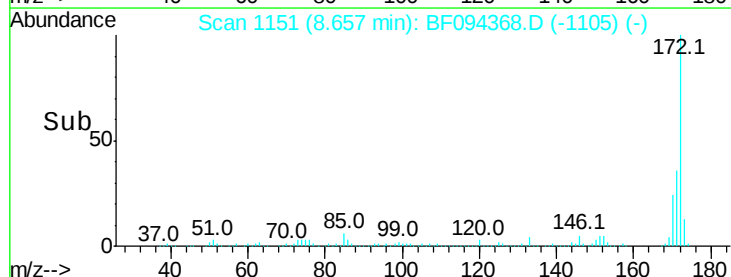
170 23.8 19.8 29.8

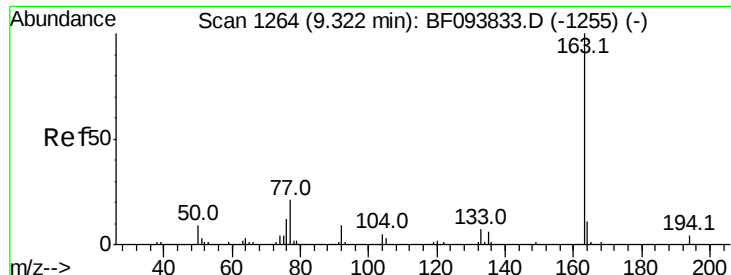


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

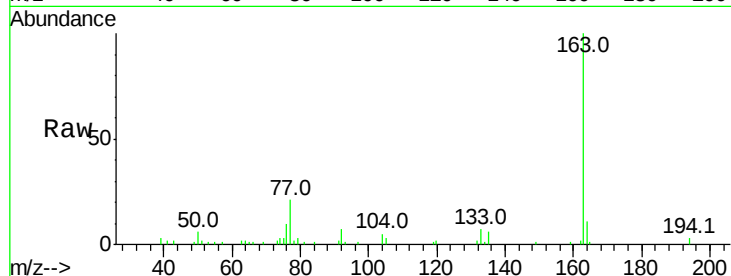




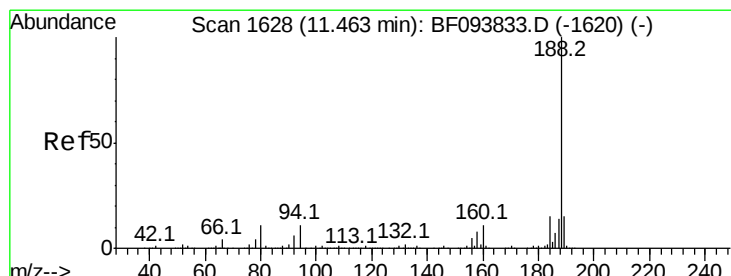
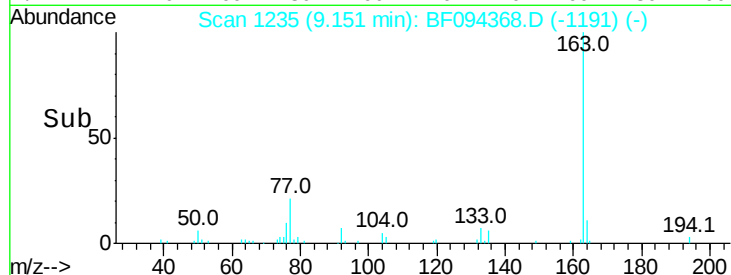
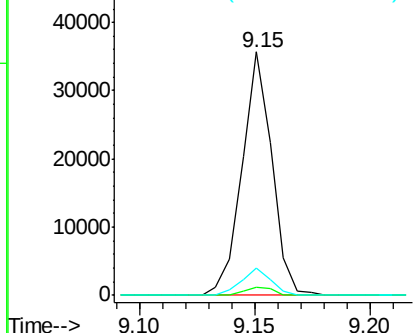
#49
Dimethylphthalate
Concen: 2.15 ng
RT: 9.15 min Scan# 1235
Delta R.T. -0.04 min
Lab File: BF094368.D
Acq: 11 Apr 2017 23:32

Instrument :
BNA_F
ClientSampleId :
VIRGINROCK-1

Tot Ion:163 Resp: 32270
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 11.3 8.4 12.6

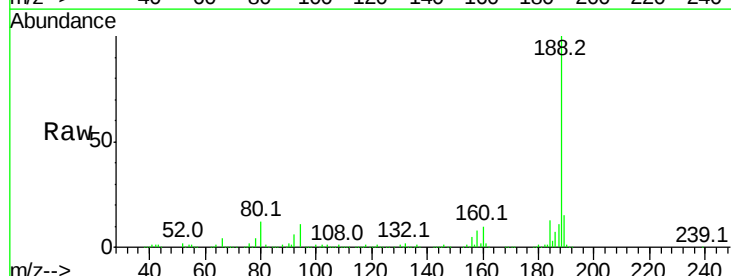


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

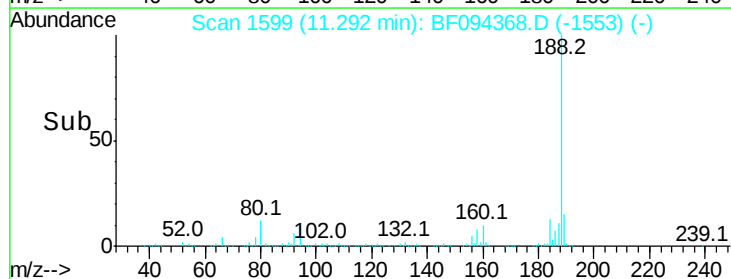
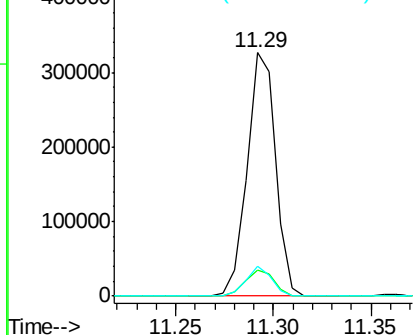


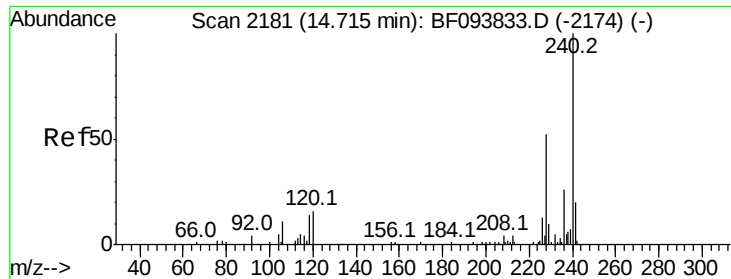
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1599
Delta R.T. -0.03 min
Lab File: BF094368.D
Acq: 11 Apr 2017 23:32

Tgt Ion:188 Resp: 328735
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.2
80 12.2 10.2 15.2



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: 14.55 min Scan# 2153

Delta R.T. -0.02 min

Lab File: BF094368.D

Acq: 11 Apr 2017 23:32

Instrument :

BNA_F

ClientSampleId :

VIRGINROCK-1

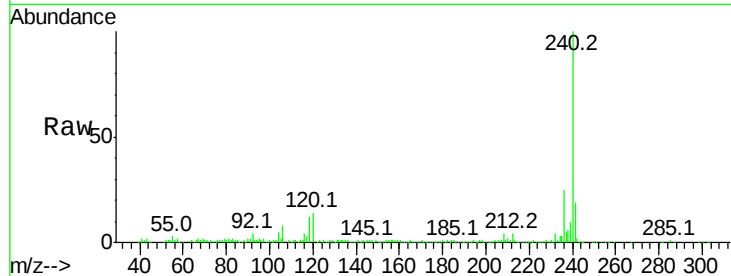
Tot Ion:240 Resp: 286664

Ion Ratio Lower Upper

240 100

120 13.5 5.8 8.8#

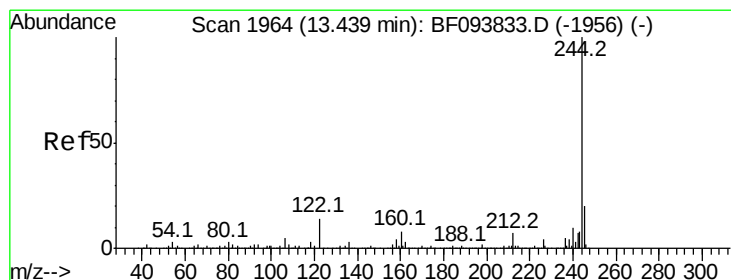
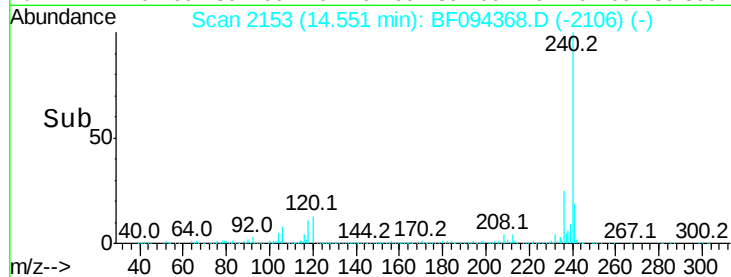
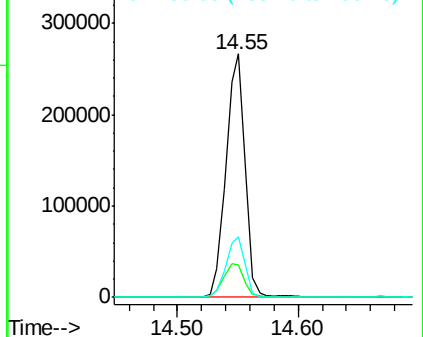
236 24.7 20.5 30.7



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: 46.35 ng

RT: 13.27 min Scan# 1936

Delta R.T. -0.02 min

Lab File: BF094368.D

Acq: 11 Apr 2017 23:32

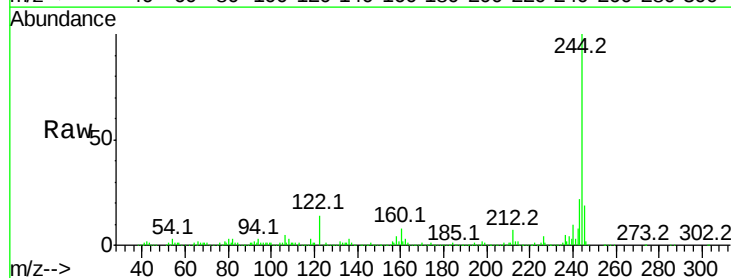
Tgt Ion:244 Resp: 592831

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

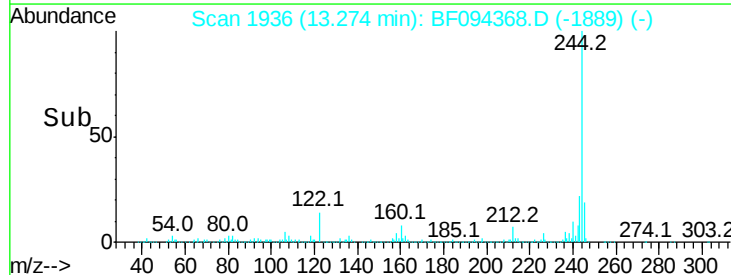
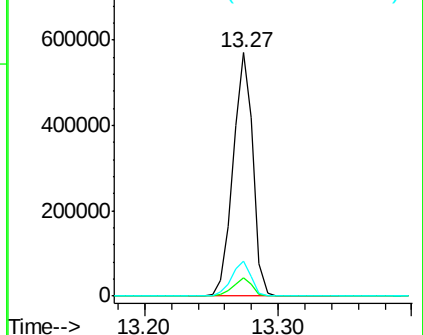
122 14.3 10.3 15.5

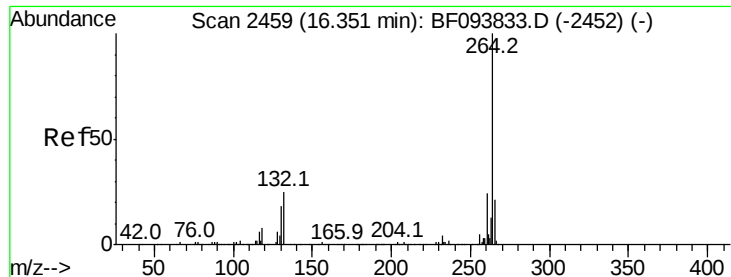


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.18 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BF094368.D
Acq: 11 Apr 2017 23:32

Instrument :
BNA_F
ClientSampleId :
VIRGINROCK-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	22.0	17.2	25.8

