

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
 Data File : BF094241.D
 Acq On : 6 Apr 2017 21:13
 Operator : SJ/MA
 Sample : I2537-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B1-(0-5)

Quant Time: Apr 07 01:41:17 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

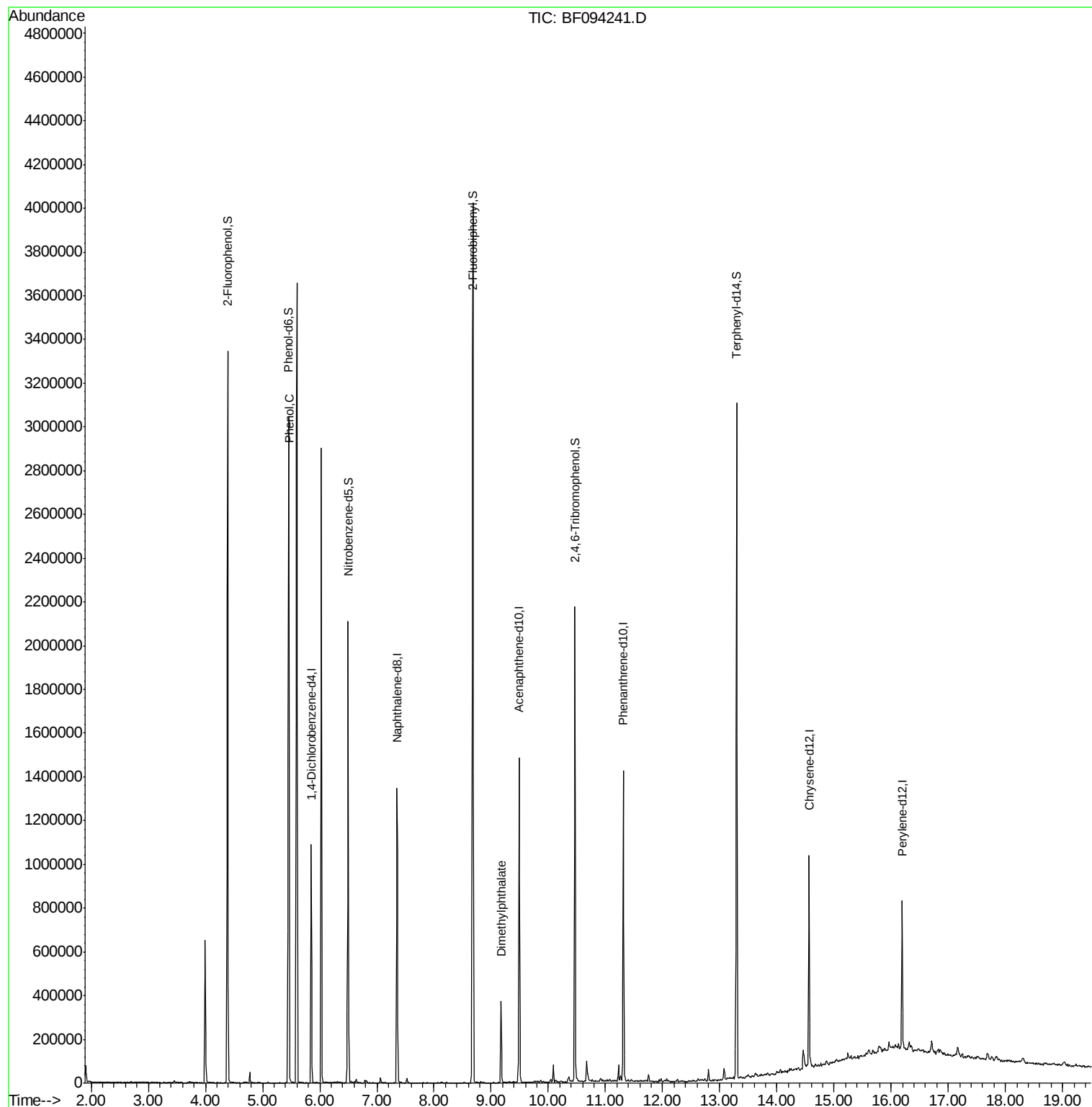
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	164435	20.00	ng	0.00
21) Naphthalene-d8	7.35	136	680420	20.00	ng	-0.01
38) Acenaphthene-d10	9.49	164	311411	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	538347	20.00	ng	0.00
75) Chrysene-d12	14.56	240	343245	20.00	ng	-0.01
86) Perylene-d12	16.19	264	273902	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.39	112	1093152	112.28	ng	0.00
7) Phenol-d6	5.46	99	1405937	116.74	ng	0.00
23) Nitrobenzene-d5	6.50	82	862973	72.38	ng	-0.01
41) 2,4,6-Tribromophenol	10.47	330	290305	117.97	ng	0.00
44) 2-Fluorobiphenyl	8.68	172	1452800	71.16	ng	0.00
78) Terphenyl-d14	13.30	244	1108050	72.36	ng	0.00
Target Compounds						
10) Phenol	5.47	94	103965	7.59	ng	92
49) Dimethylphthalate	9.17	163	172305	7.78	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: 5.85 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF094241.D

Acq: 6 Apr 2017 21:13

Instrument :

BNA_F

ClientSampleId :

B1-(0-5)

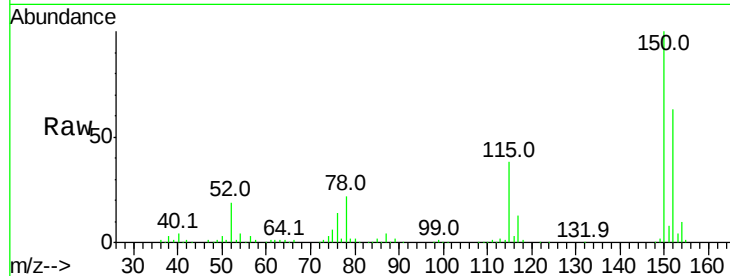
Tot Ion:152 Resp: 164435

Ion Ratio Lower Upper

152 100

150 159.2 126.2 189.2

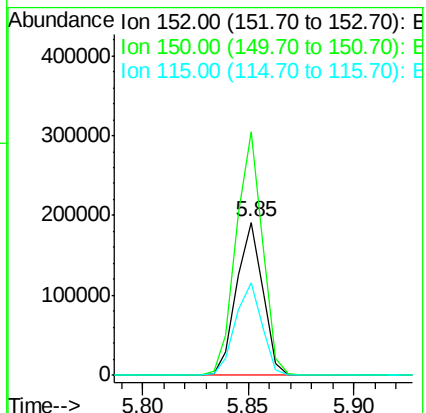
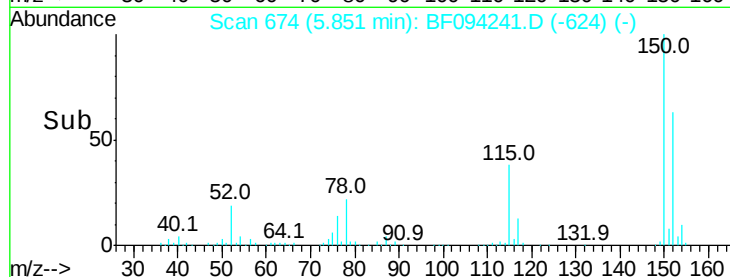
115 60.9 52.2 78.2



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: 112.28 ng

RT: 4.39 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF094241.D

Acq: 6 Apr 2017 21:13

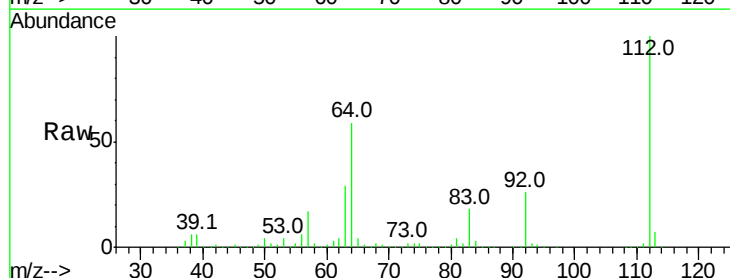
Tgt Ion:112 Resp: 1093152

Ion Ratio Lower Upper

112 100

64 58.5 46.0 69.0

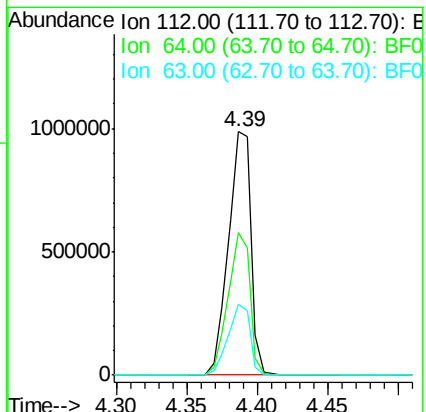
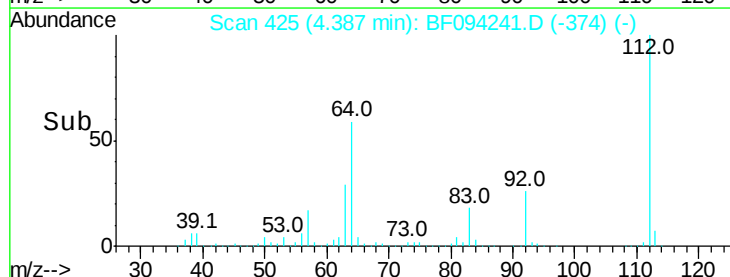
63 29.3 23.4 35.0

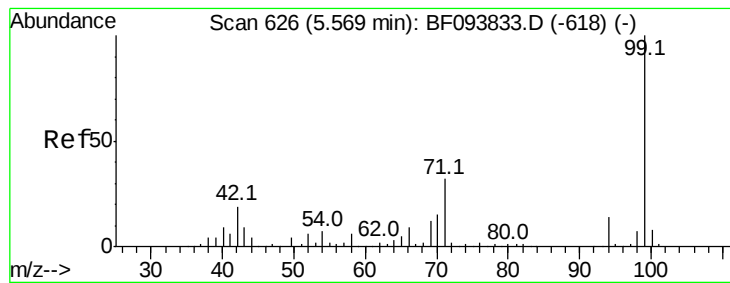


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 116.74 ng

RT: 5.46 min Scan# 607

Delta R.T. -0.01 min

Lab File: BF094241.D

Acq: 6 Apr 2017 21:13

Instrument :

BNA_F

ClientSampleId :

B1-(0-5)

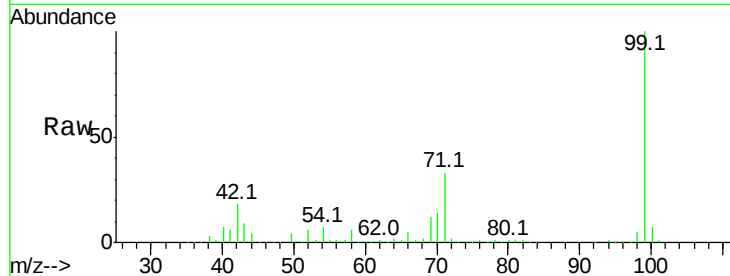
Tot Ion: 99 Resp: 1405937

Ion Ratio Lower Upper

99 100

42 17.8 13.5 20.3

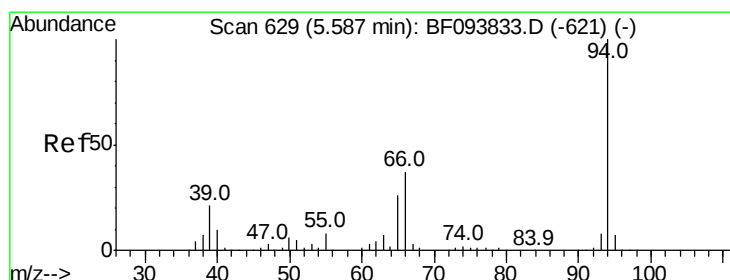
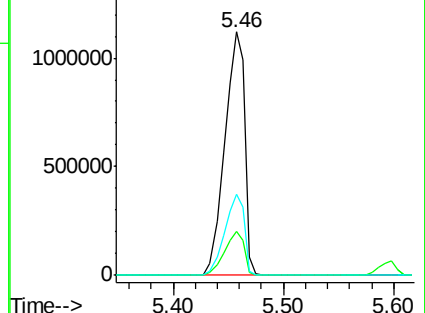
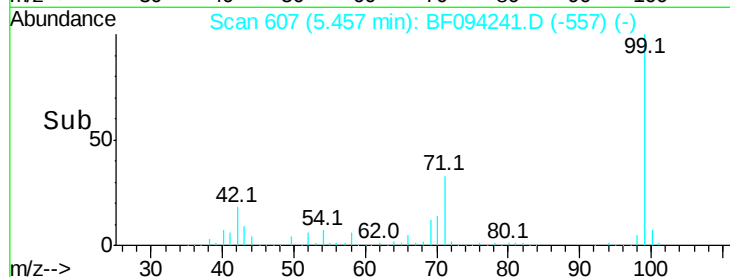
71 33.4 24.5 36.7



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



#10

Phenol

Concen: 7.59 ng

RT: 5.47 min Scan# 609

Delta R.T. -0.01 min

Lab File: BF094241.D

Acq: 6 Apr 2017 21:13

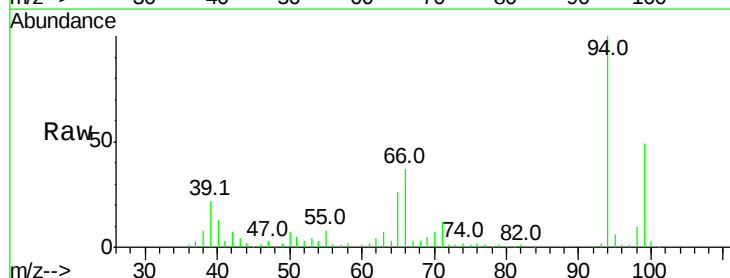
Tgt Ion: 94 Resp: 103965

Ion Ratio Lower Upper

94 100

65 26.2 9.9 49.9

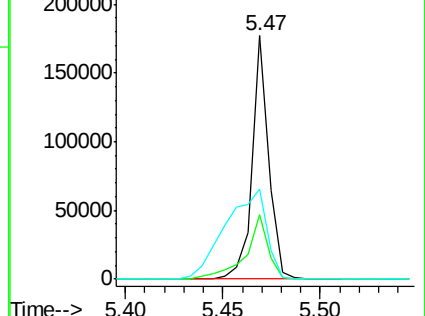
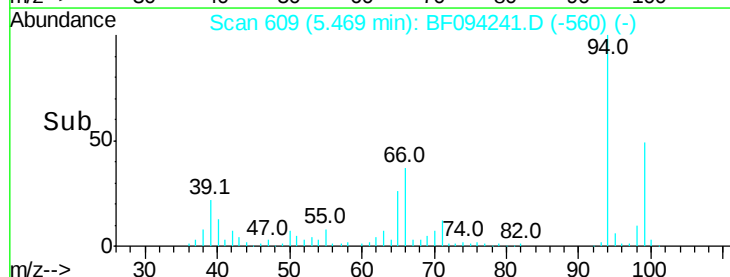
66 37.0 23.1 63.1



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.35 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF094241.D

Acq: 6 Apr 2017 21:13

Instrument :

BNA_F

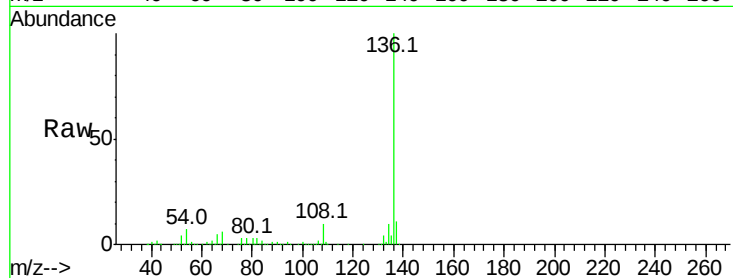
ClientSampleId :

B1-(0-5)

Tot Ion:136 Resp: 680420

Ion Ratio Lower Upper

136	100		
137	11.2	8.5	12.7
54	7.4	4.9	7.3#
68	6.0	4.1	6.1



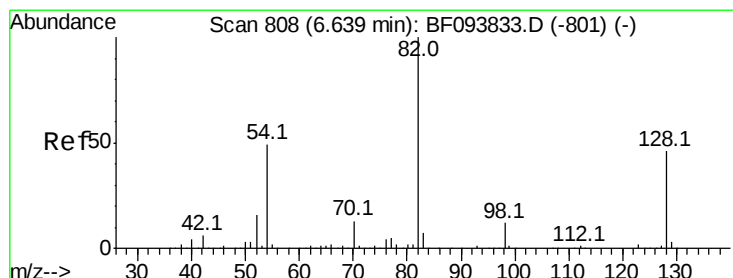
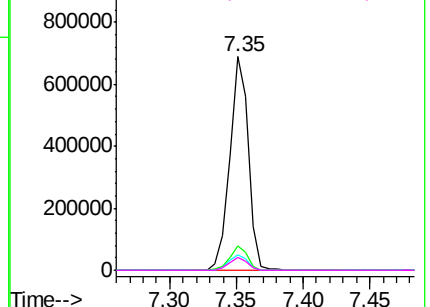
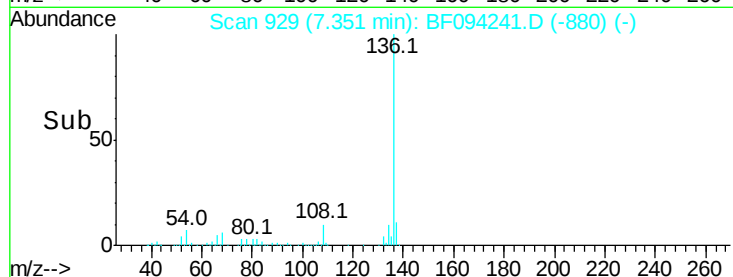
Abundance

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: 72.38 ng

RT: 6.50 min Scan# 784

Delta R.T. -0.01 min

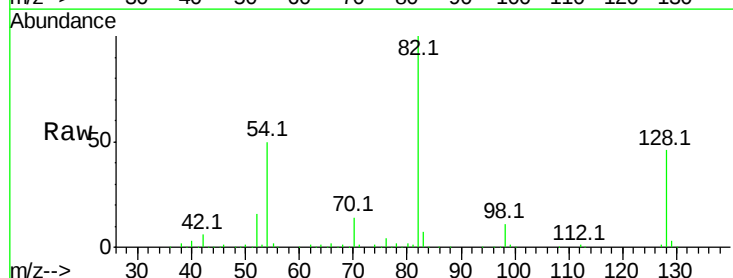
Lab File: BF094241.D

Acq: 6 Apr 2017 21:13

Tgt Ion: 82 Resp: 862973

Ion Ratio Lower Upper

82	100		
128	45.8	34.0	51.0
54	50.0	42.2	63.2

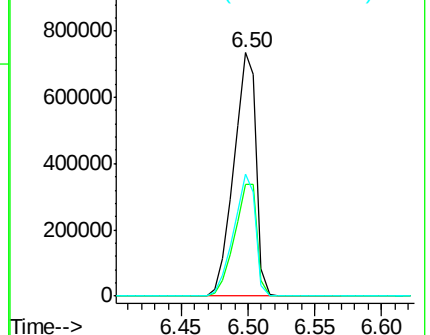
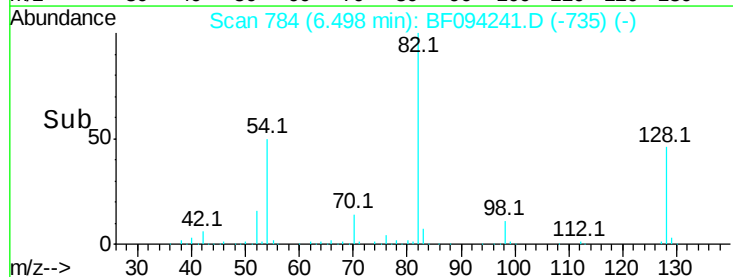


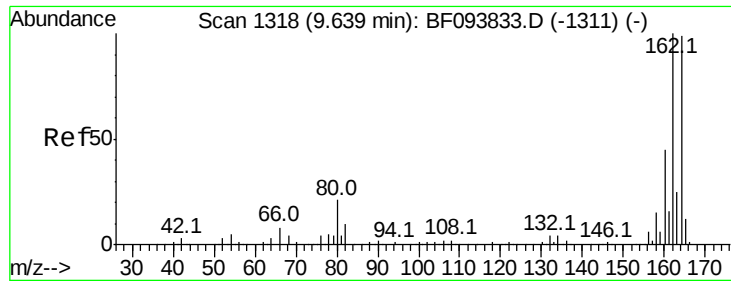
Abundance

Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

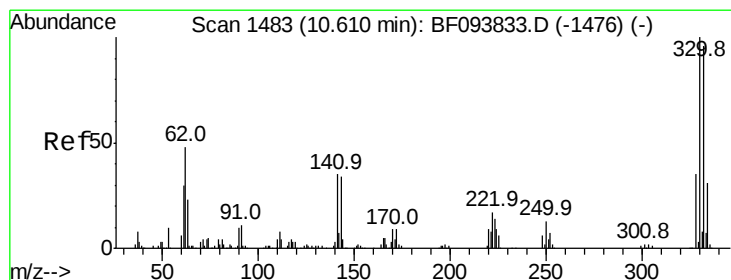
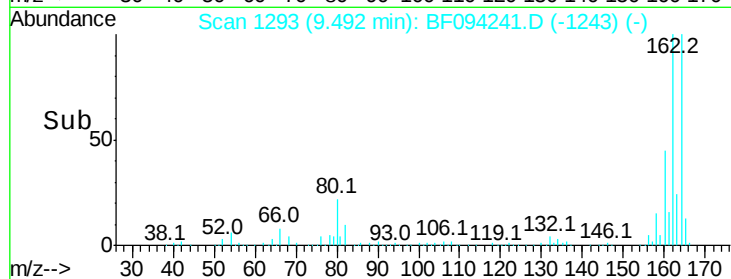
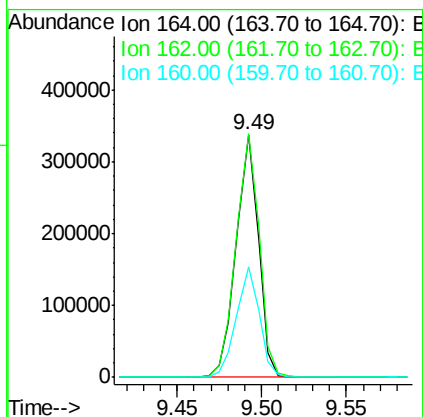
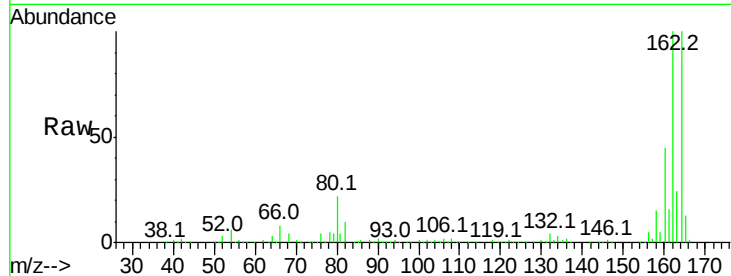




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.49 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF094241.D
 Acq: 6 Apr 2017 21:13

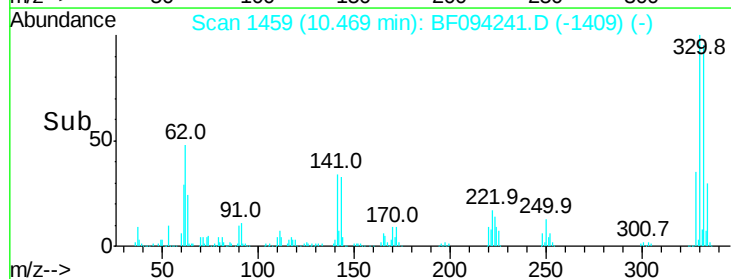
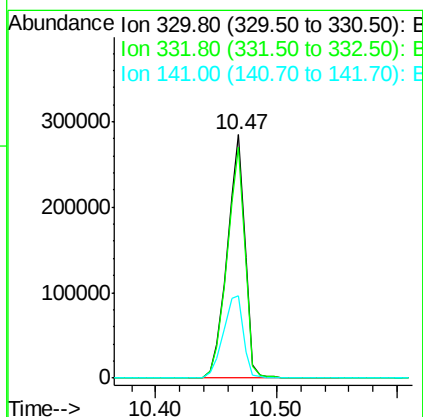
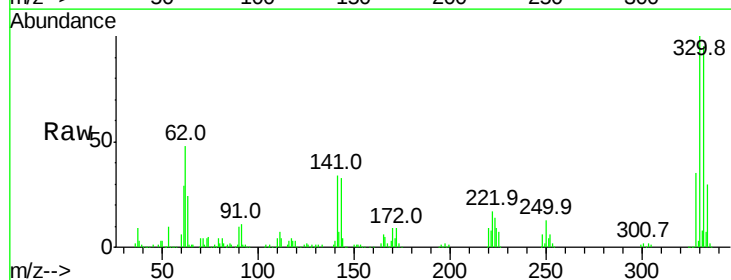
Instrument :
 BNA_F
 ClientSampleId :
 B1-(0-5)

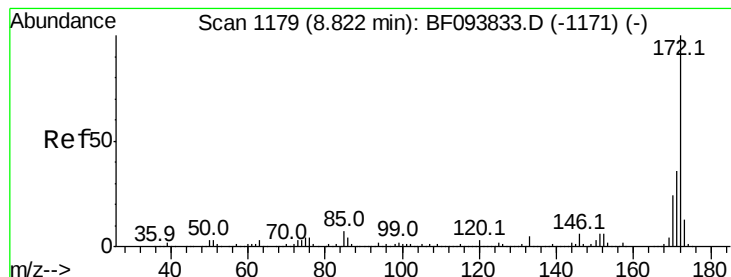
Tot Ion:164 Resp: 311411
 Ion Ratio Lower Upper
 164 100
 162 100.4 82.6 123.8
 160 45.7 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 117.97 ng
 RT: 10.47 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF094241.D
 Acq: 6 Apr 2017 21:13

Tgt Ion:330 Resp: 290305
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 115.0
 141 38.4 31.4 47.2





#44

2-Fluorobiphenyl

Concen: 71.16 ng

RT: 8.68 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF094241.D

Acq: 6 Apr 2017 21:13

Instrument :

BNA_F

ClientSampleId :

B1-(0-5)

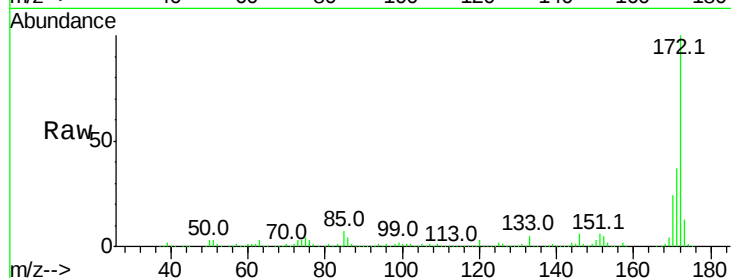
Tot Ion:172 Resp: 1452800

Ion Ratio Lower Upper

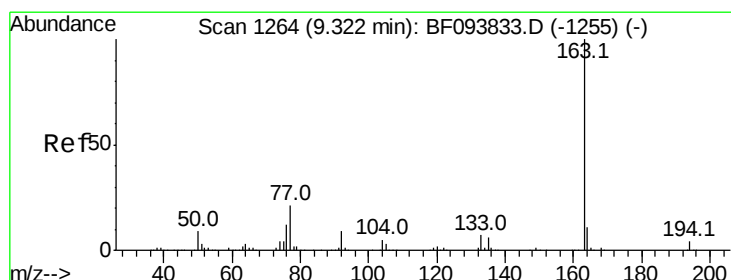
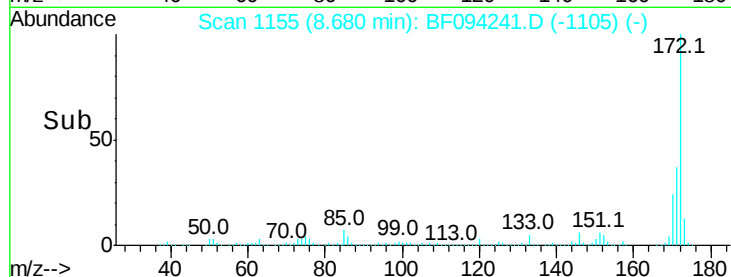
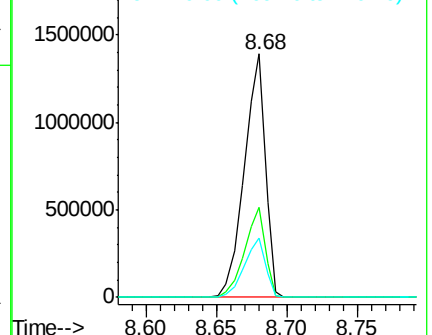
172 100

171 36.8 29.6 44.4

170 24.4 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: 7.78 ng

RT: 9.17 min Scan# 1239

Delta R.T. -0.02 min

Lab File: BF094241.D

Acq: 6 Apr 2017 21:13

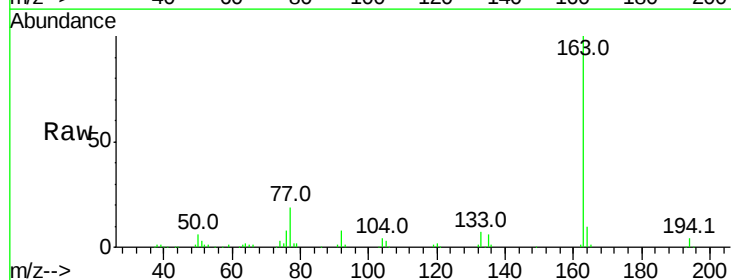
Tgt Ion:163 Resp: 172305

Ion Ratio Lower Upper

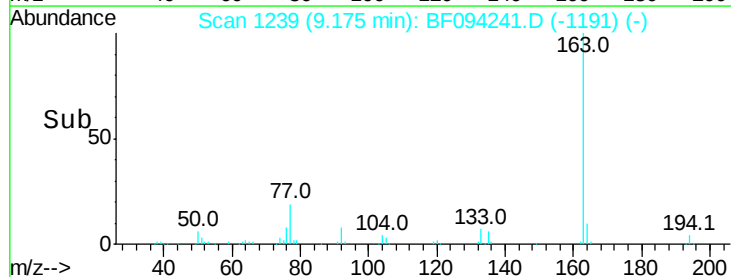
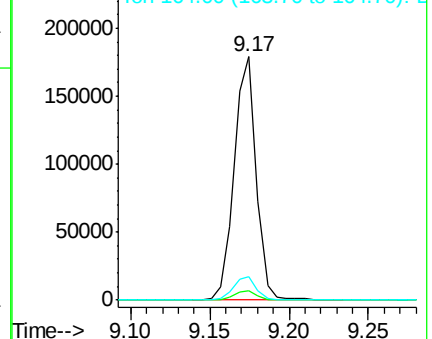
163 100

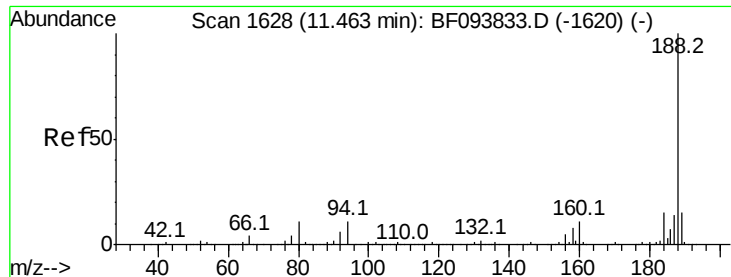
194 3.7 2.6 4.0

164 9.7 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

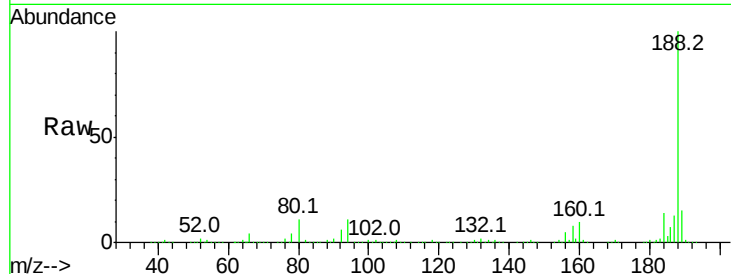




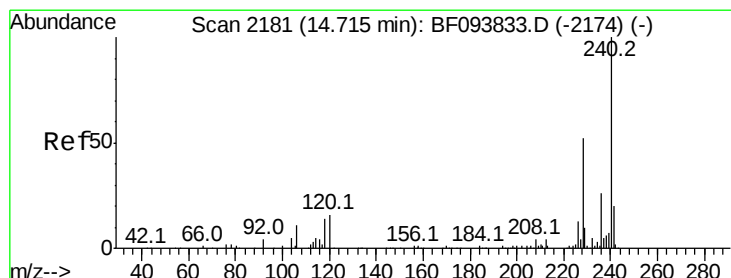
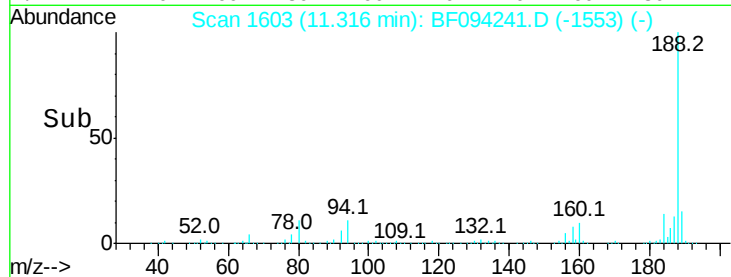
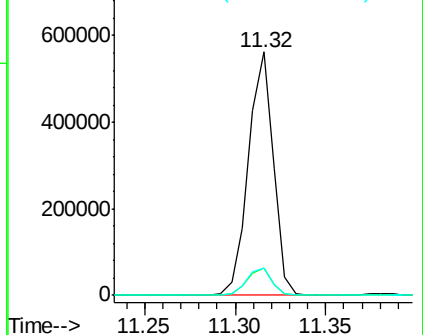
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 1603
Delta R.T. -0.01 min
Lab File: BF094241.D
Acq: 6 Apr 2017 21:13

Instrument :
BNA_F
ClientSampleId :
B1-(0-5)

Tot Ion:188 Resp: 538347
Ion Ratio Lower Upper
188 100
94 11.4 9.4 14.2
80 11.3 10.2 15.2

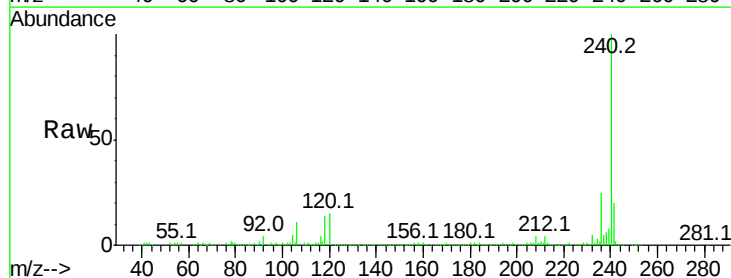


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

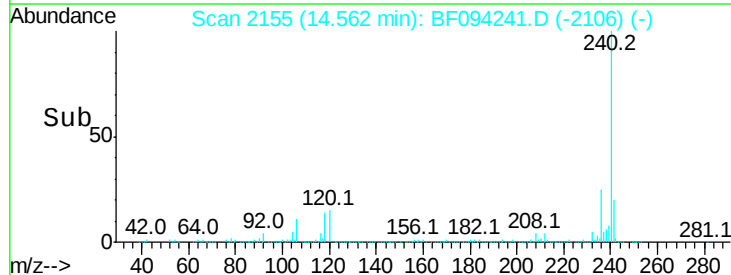
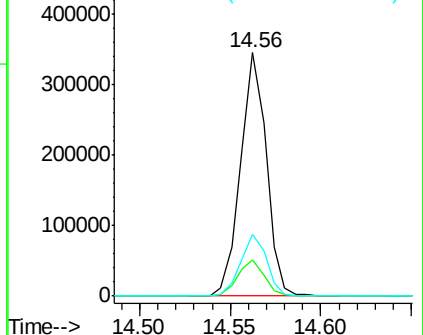


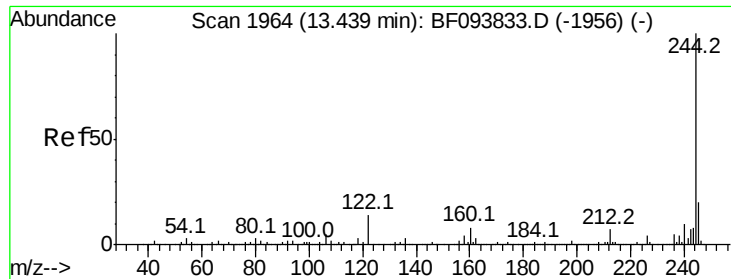
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.56 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BF094241.D
Acq: 6 Apr 2017 21:13

Tgt Ion:240 Resp: 343245
Ion Ratio Lower Upper
240 100
120 14.8 5.8 8.8#
236 25.2 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: 72.36 ng

RT: 13.30 min Scan# 1940

Delta R.T. -0.00 min

Lab File: BF094241.D

Acq: 6 Apr 2017 21:13

Instrument :

BNA_F

ClientSampleId :

B1-(0-5)

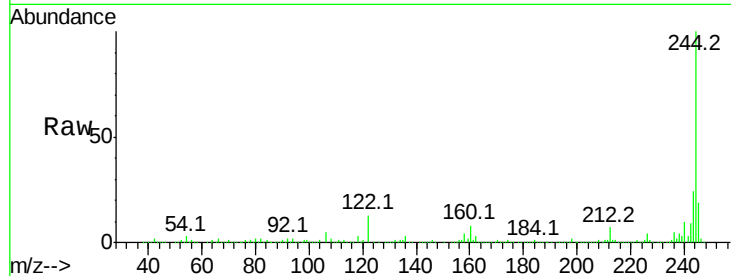
Tot Ion:244 Resp: 1108050

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

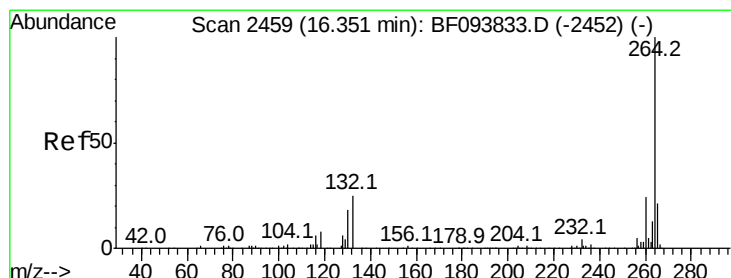
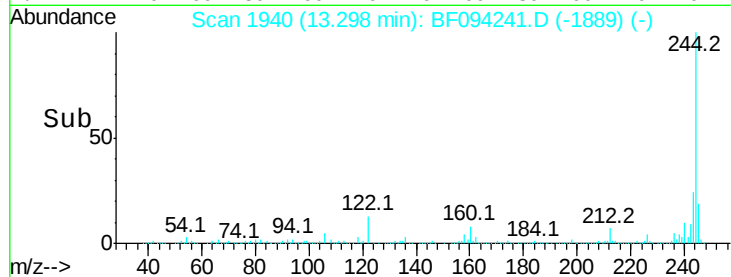
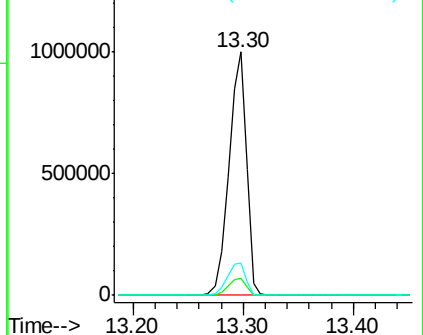
122 13.5 10.3 15.5



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

Perylene-d12

Concen: 20.00 ng

RT: 16.19 min Scan# 2432

Delta R.T. -0.00 min

Lab File: BF094241.D

Acq: 6 Apr 2017 21:13

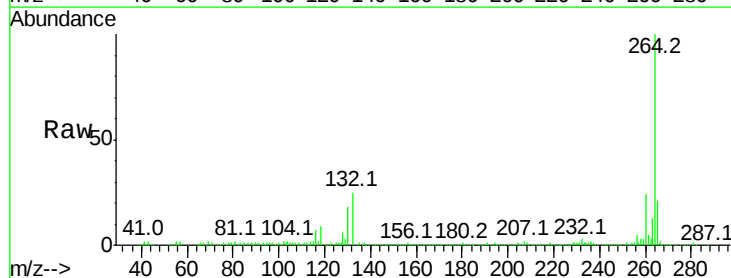
Tgt Ion:264 Resp: 273902

Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

265 21.0 17.2 25.8



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

