

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
 Data File : BF094236.D
 Acq On : 6 Apr 2017 18:54
 Operator : SJ/MA
 Sample : I2534-13
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP-B-02(10-15)

Quant Time: Apr 07 01:23:42 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

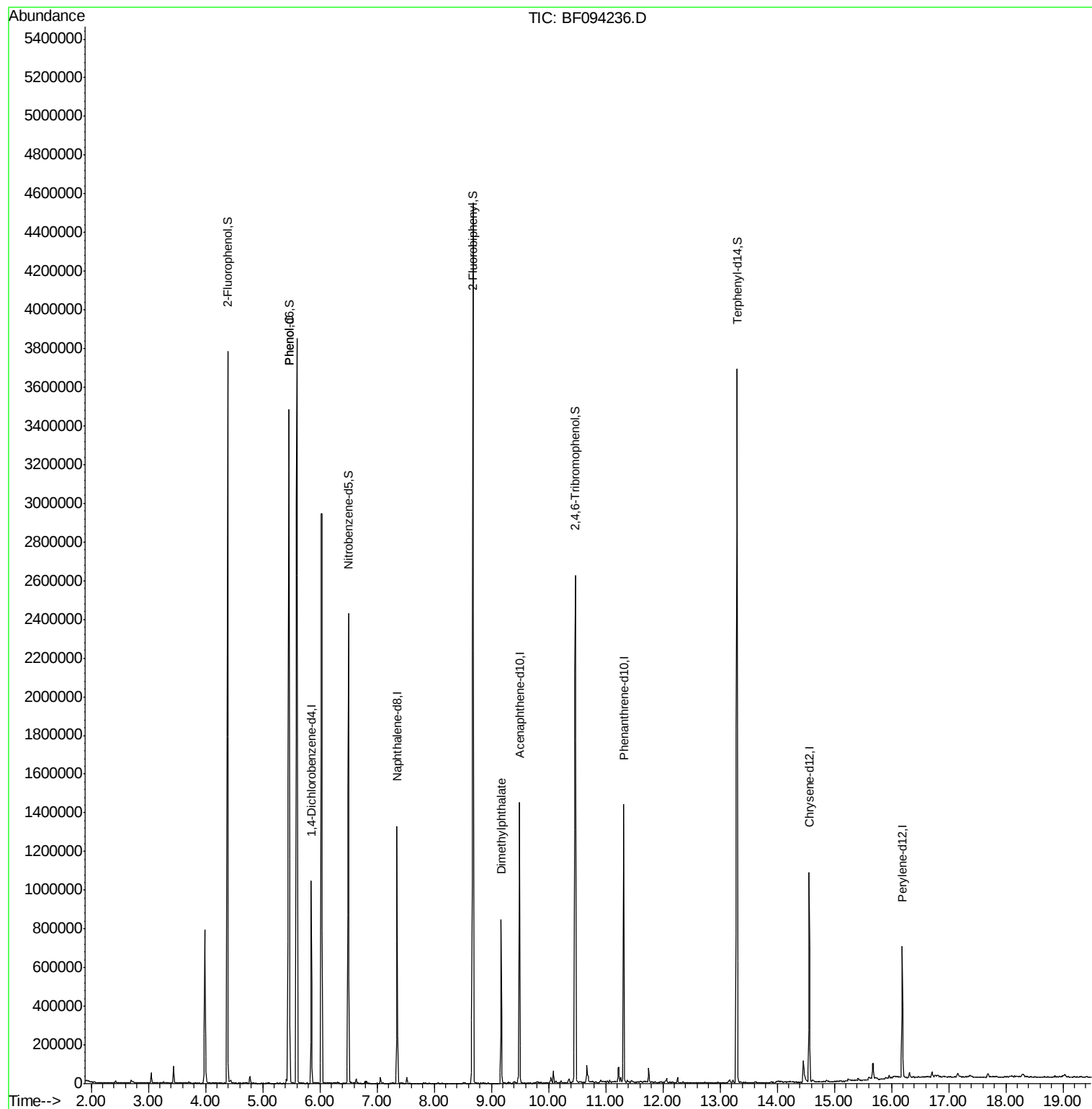
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	162051	20.00	ng	0.00
21) Naphthalene-d8	7.35	136	663027	20.00	ng	-0.01
38) Acenaphthene-d10	9.49	164	309229	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	554045	20.00	ng	0.00
75) Chrysene-d12	14.56	240	390462	20.00	ng	-0.01
86) Perylene-d12	16.19	264	272940	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.39	112	1208309	125.94	ng	0.00
7) Phenol-d6	5.46	99	1608439	135.51	ng	0.00
23) Nitrobenzene-d5	6.50	82	989157	85.14	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	379782	155.42	ng	0.00
44) 2-Fluorobiphenyl	8.68	172	1772477	87.43	ng	0.00
78) Terphenyl-d14	13.30	244	1535856	88.17	ng	0.00
Target Compounds						
10) Phenol	5.47	94	108491	8.03	ng	98
49) Dimethylphthalate	9.17	163	364662	16.59	ng	100

(#) = 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: BF094236.D

Acq: 6 Apr 2017 18:54

Instrument :

BNA_F

ClientSampleId :

GP-B-02(10-15)

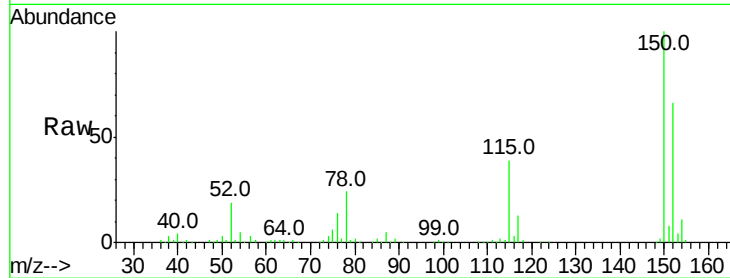
Tot Ion:152 Resp: 162051

Ion Ratio Lower Upper

152 100

150 151.8 126.2 189.2

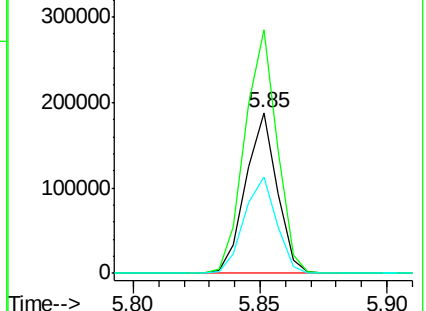
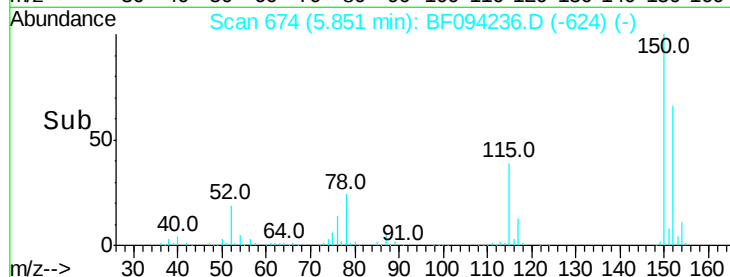
115 59.9 52.2 78.2



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: 125.94 ng

RT: 4.39 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF094236.D

Acq: 6 Apr 2017 18:54

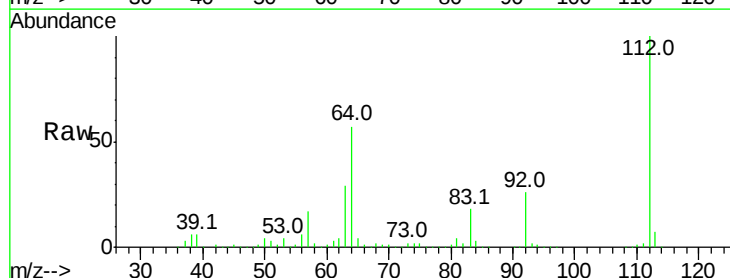
Tgt Ion:112 Resp: 1208309

Ion Ratio Lower Upper

112 100

64 57.1 46.0 69.0

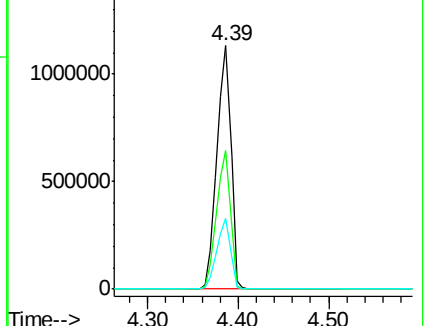
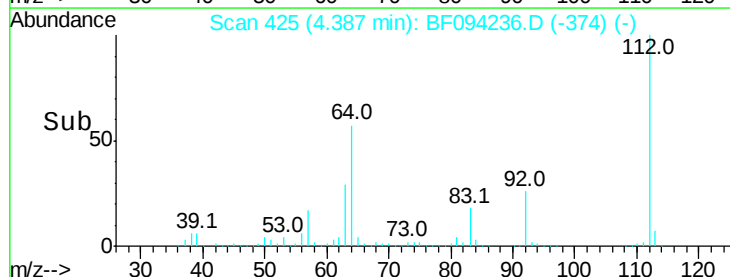
63 29.3 23.4 35.0



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: 135.51 ng

RT: 5.46 min Scan# 608

Delta R.T. -0.00 min

Lab File: BF094236.D

Acq: 6 Apr 2017 18:54

Instrument :

BNA_F

ClientSampleId :

GP-B-02(10-15)

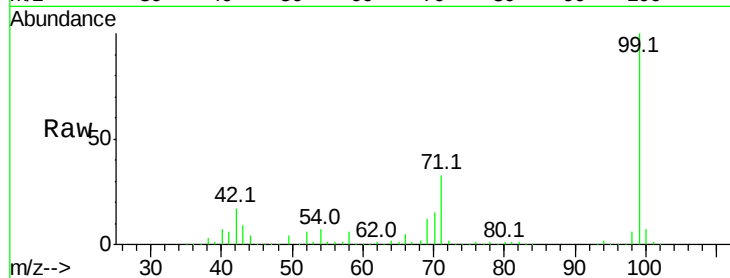
Tot Ion: 99 Resp: 1608439

Ion Ratio Lower Upper

99 100

42 17.3 13.5 20.3

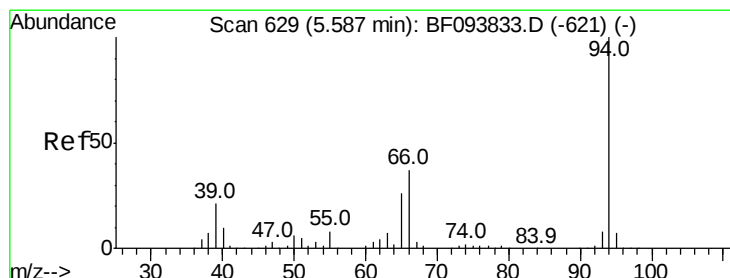
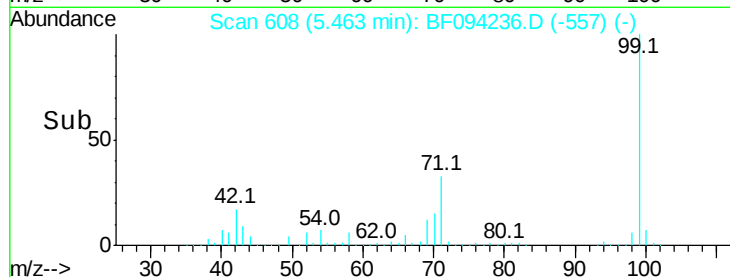
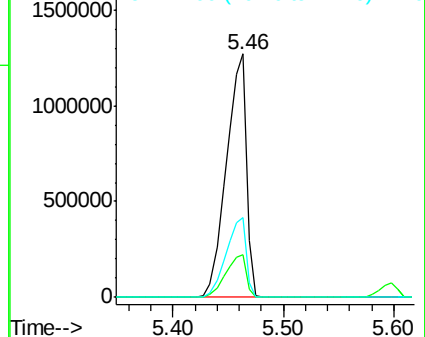
71 32.9 24.5 36.7



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: 8.03 ng

RT: 5.47 min Scan# 609

Delta R.T. -0.01 min

Lab File: BF094236.D

Acq: 6 Apr 2017 18:54

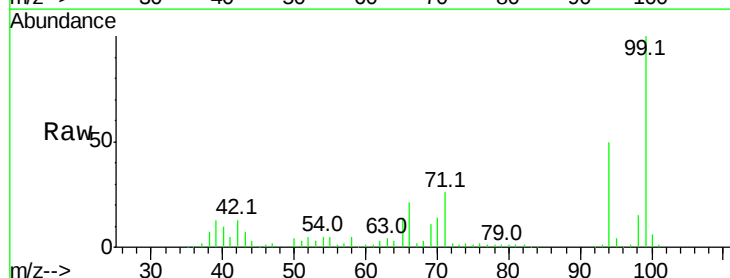
Tgt Ion: 94 Resp: 108491

Ion Ratio Lower Upper

94 100

65 28.0 9.9 49.9

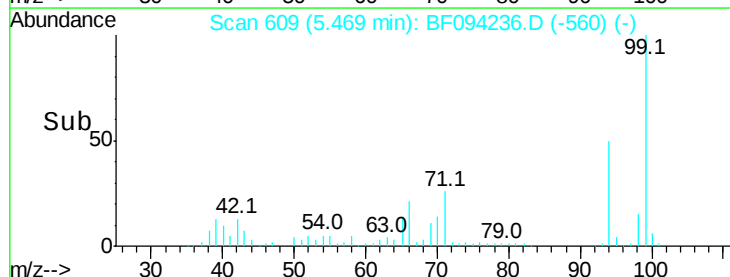
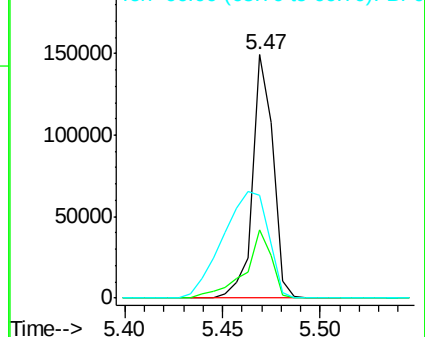
66 42.3 23.1 63.1



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: BF094236.D

Acq: 6 Apr 2017 18:54

Instrument :

BNA_F

ClientSampleId :

GP-B-02(10-15)

Tot Ion:136 Resp: 663027

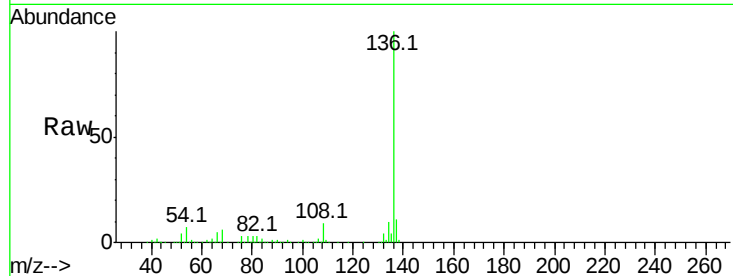
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.5 4.9 7.3#

68 6.4 4.1 6.1#



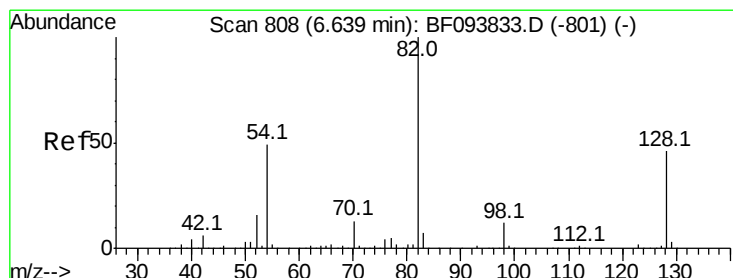
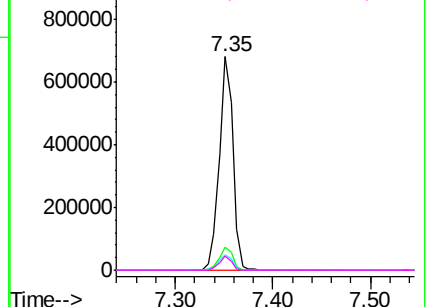
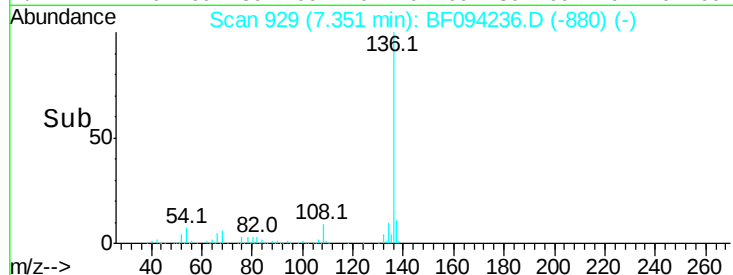
Abundance

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: 85.14 ng

RT: 6.50 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF094236.D

Acq: 6 Apr 2017 18:54

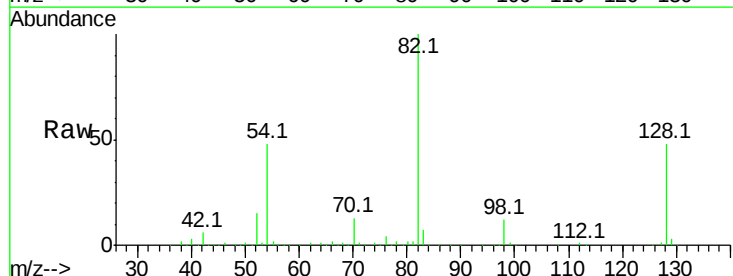
Tgt Ion: 82 Resp: 989157

Ion Ratio Lower Upper

82 100

128 47.6 34.0 51.0

54 47.7 42.2 63.2

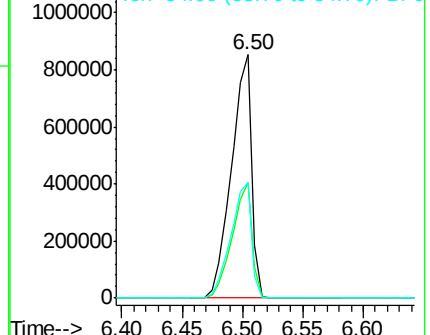
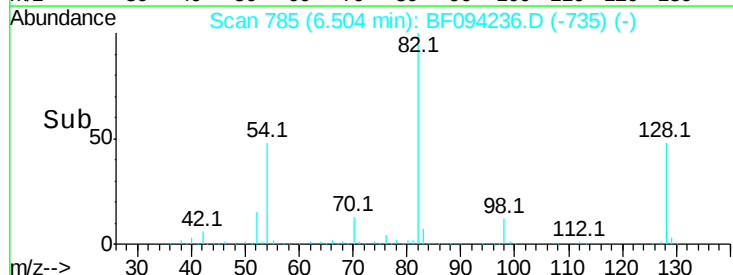


Abundance

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

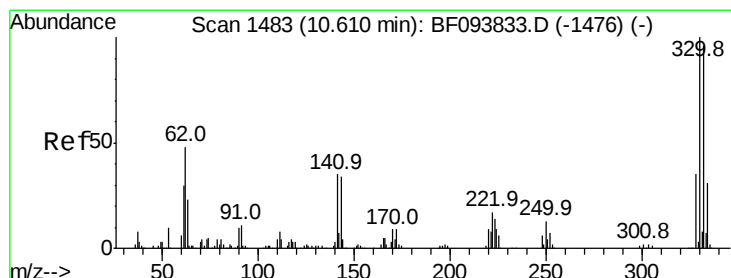
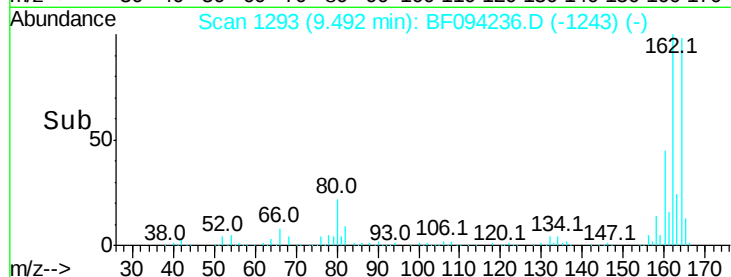
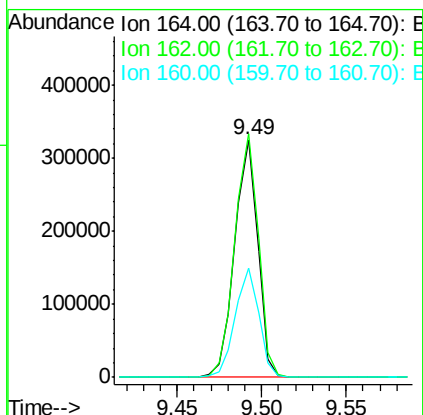
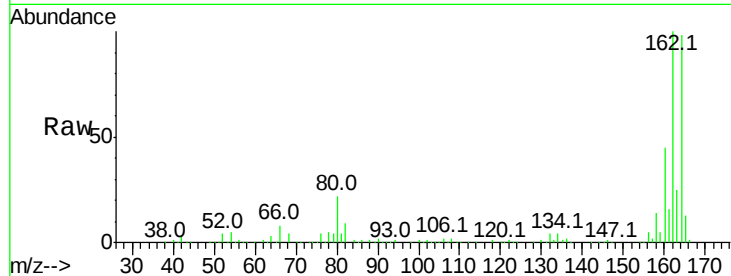




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.49 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF094236.D
 Acq: 6 Apr 2017 18:54

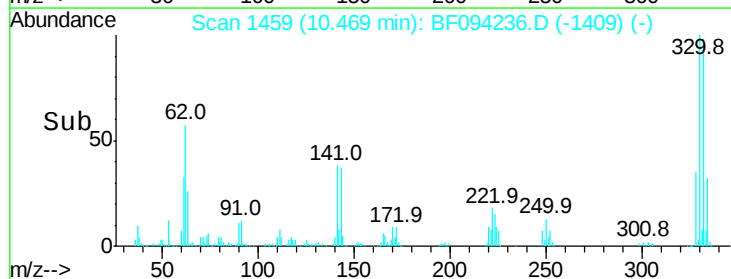
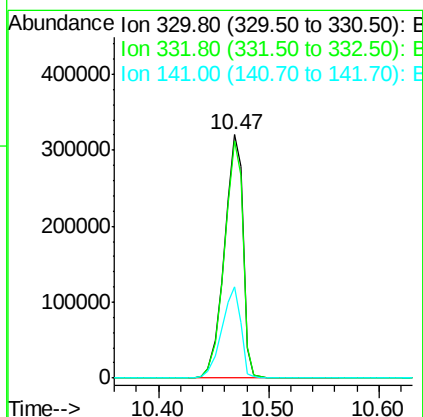
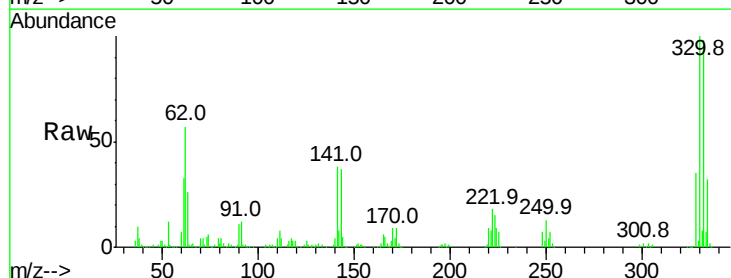
Instrument :
 BNA_F
 ClientSampleId :
 GP-B-02(10-15)

Tot Ion:164 Resp: 309229
 Ion Ratio Lower Upper
 164 100
 162 102.5 82.6 123.8
 160 45.7 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 155.42 ng
 RT: 10.47 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF094236.D
 Acq: 6 Apr 2017 18:54

Tgt Ion:330 Resp: 379782
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 115.0
 141 38.1 31.4 47.2



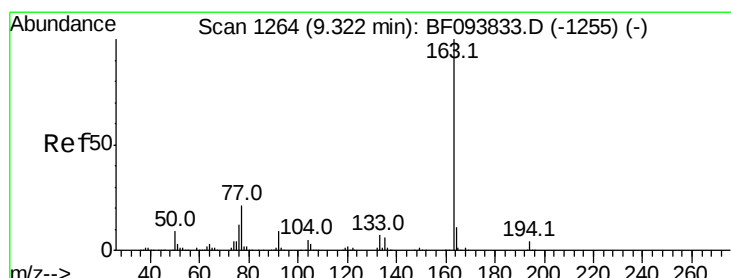
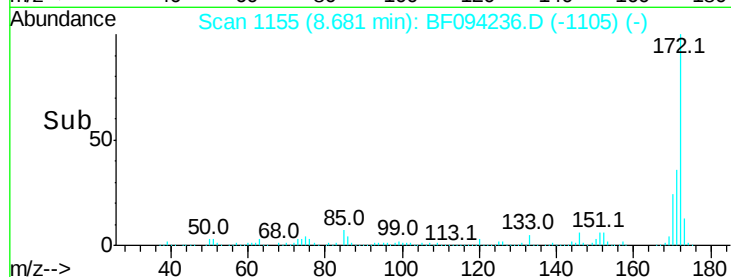
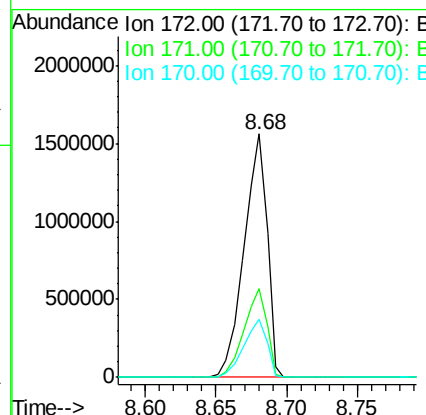
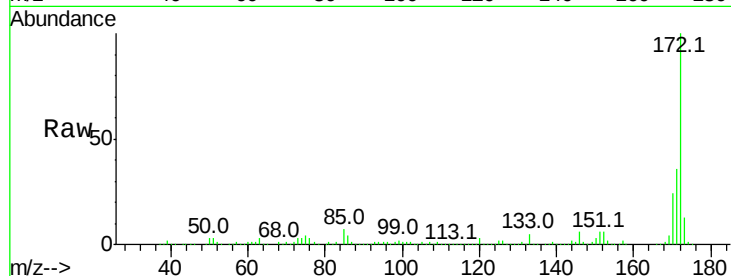


#44
 2-Fluorobiphenyl
 Concen: 87.43 ng
 RT: 8.68 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF094236.D
 Acq: 6 Apr 2017 18:54

Instrument :
 BNA_F
 ClientSampleId :
 GP-B-02(10-15)

Tot Ion:172 Resp: 1772477

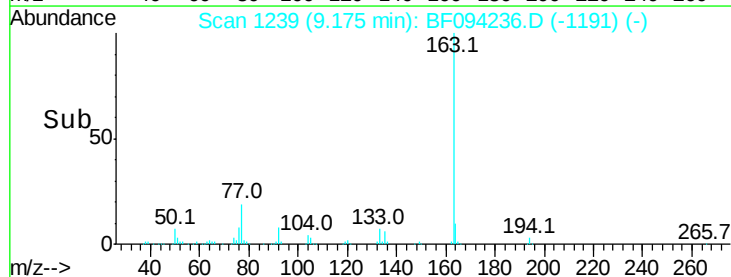
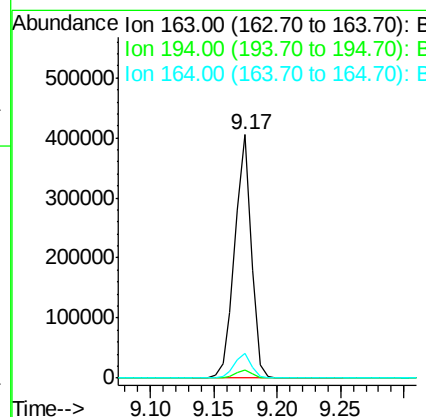
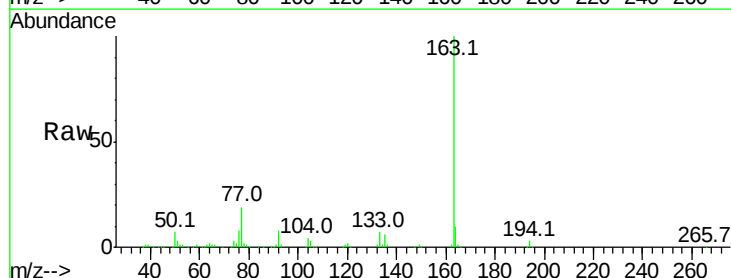
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	23.9	19.8	29.8

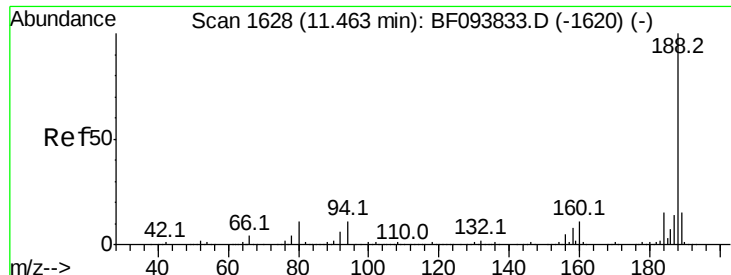


#49
 Dimethylphthalate
 Concen: 16.59 ng
 RT: 9.17 min Scan# 1239
 Delta R.T. -0.02 min
 Lab File: BF094236.D
 Acq: 6 Apr 2017 18:54

Tgt Ion:163 Resp: 364662

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.3	8.4	12.6

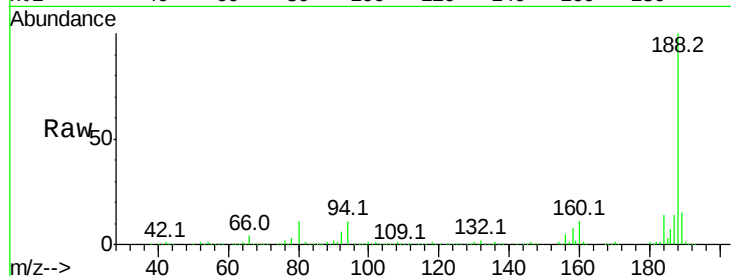




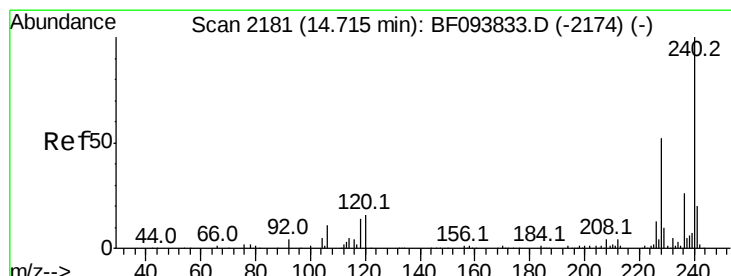
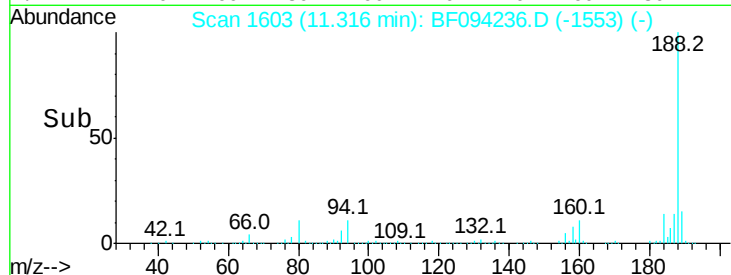
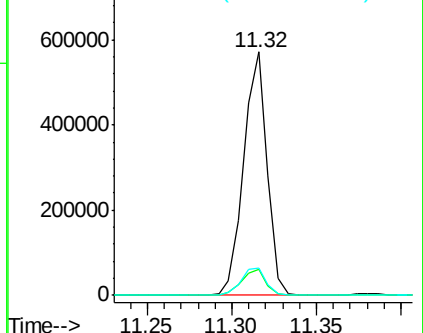
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 1603
Delta R.T. -0.01 min
Lab File: BF094236.D
Acq: 6 Apr 2017 18:54

Instrument :
BNA_F
ClientSampleId :
GP-B-02(10-15)

Tot Ion:188 Resp: 554045
Ion Ratio Lower Upper
188 100
94 10.7 9.4 14.2
80 11.2 10.2 15.2

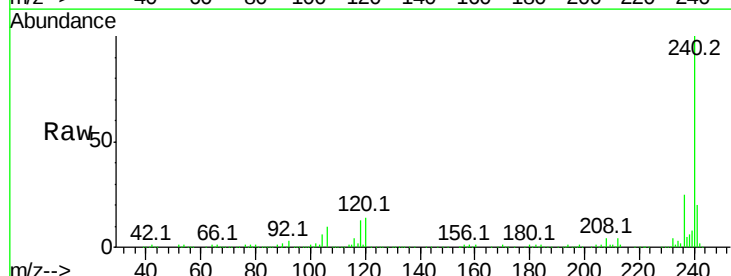


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

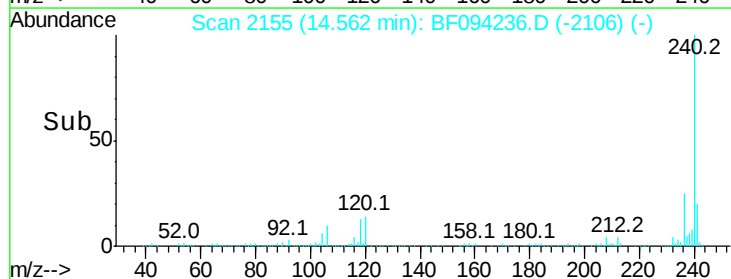
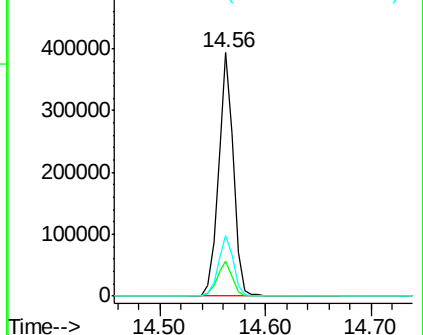


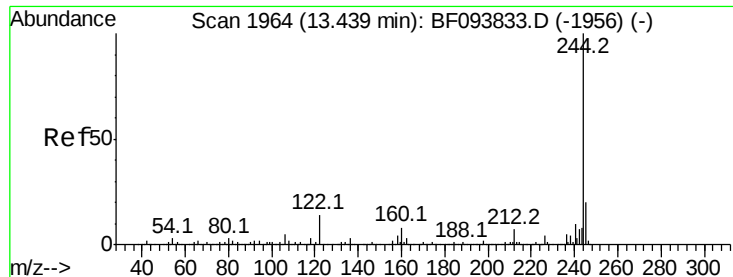
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.56 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BF094236.D
Acq: 6 Apr 2017 18:54

Tgt Ion:240 Resp: 390462
Ion Ratio Lower Upper
240 100
120 14.2 5.8 8.8#
236 25.0 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: 88.17 ng

RT: 13.30 min Scan# 1940

Delta R.T. -0.00 min

Lab File: BF094236.D

Acq: 6 Apr 2017 18:54

Instrument :

BNA_F

ClientSampleId :

GP-B-02(10-15)

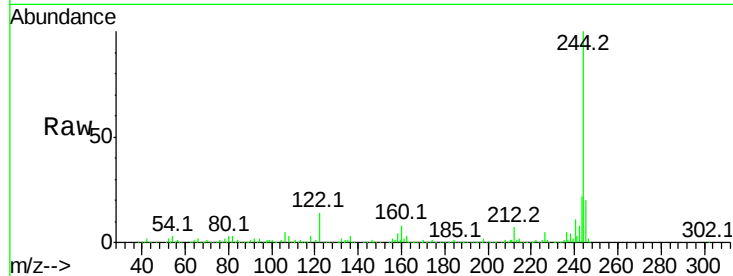
Tot Ion:244 Resp: 1535856

Ion Ratio Lower Upper

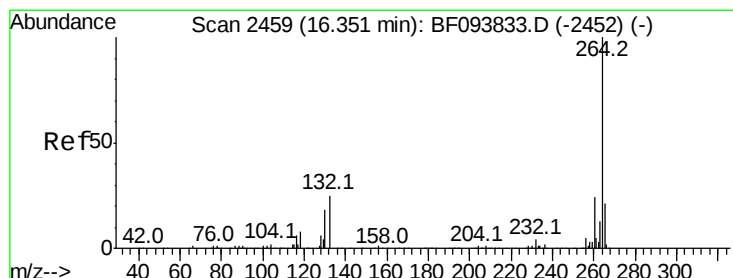
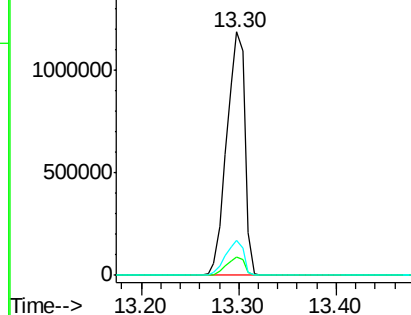
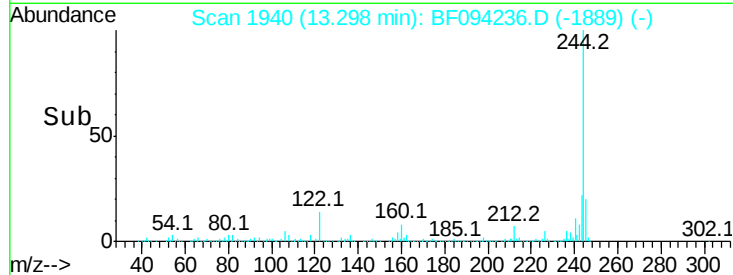
244 100

212 7.4 6.0 9.0

122 14.2 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: BF094236.D

Acq: 6 Apr 2017 18:54

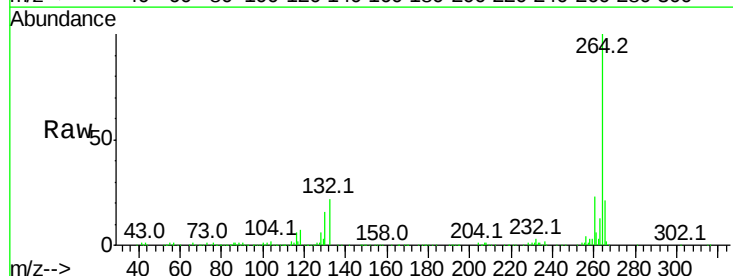
Tgt Ion:264 Resp: 272940

Ion Ratio Lower Upper

264 100

260 22.7 19.5 29.3

265 20.8 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

