

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040717\
 Data File : BF094288.D
 Acq On : 7 Apr 2017 22:20
 Operator : SJ/MA
 Sample : I2534-11
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP-B-02(0-5)

Quant Time: Apr 07 23:01:27 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

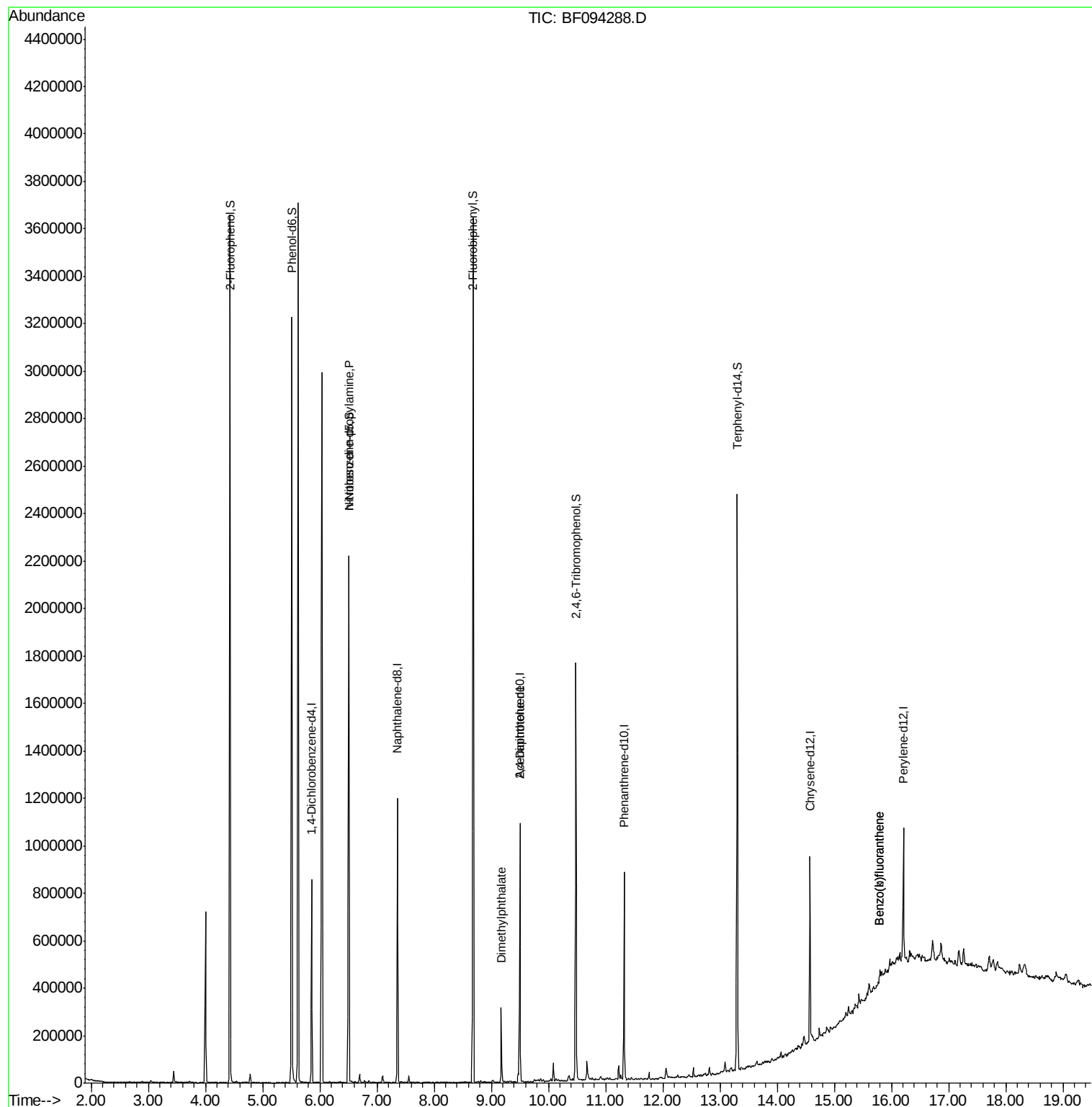
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.86	152	147928	20.00	ng	0.00
21) Naphthalene-d8	7.36	136	559411	20.00	ng	0.00
38) Acenaphthene-d10	9.50	164	224729	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	327014	20.00	ng	0.00
75) Chrysene-d12	14.57	240	290528	20.00	ng	0.00
86) Perylene-d12	16.21	264	231209	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.43	112	1079727	123.28	ng	0.04
7) Phenol-d6	5.51	99	1418793	130.95	ng	0.05
23) Nitrobenzene-d5	6.51	82	882430	90.02	ng	0.00
41) 2,4,6-Tribromophenol	10.48	330	226264	127.41	ng	0.00
44) 2-Fluorobiphenyl	8.68	172	1435476	97.43	ng	0.00
78) Terphenyl-d14	13.30	244	848804	65.49	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.51	70	117171	16.83	ng	Qvalue # 78
49) Dimethylphthalate	9.17	163	134585	8.42	ng	100
56) 2,4-Dinitrotoluene	9.50	165	30167	6.56	ng	# 32
87) Benzo(b)fluoranthene	15.80	252	36021	2.54	ng	# 75
88) Benzo(k)fluoranthene	15.80	252	36021	2.60	ng	# 79

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.86 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF094288.D

Acq: 7 Apr 2017 22:20

Instrument :

BNA_F

ClientSampleId :

GP-B-02(0-5)

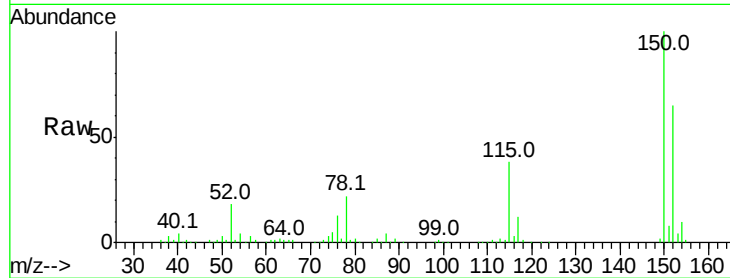
Tot Ion:152 Resp: 147928

Ion Ratio Lower Upper

152 100

150 153.1 126.2 189.2

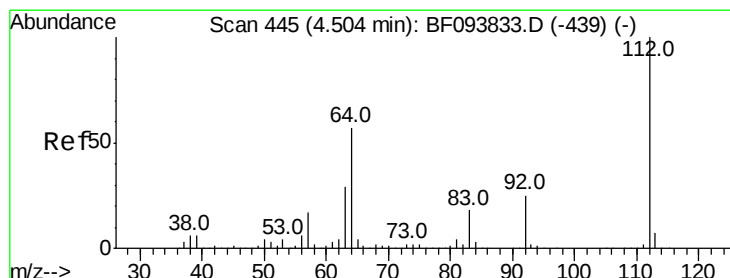
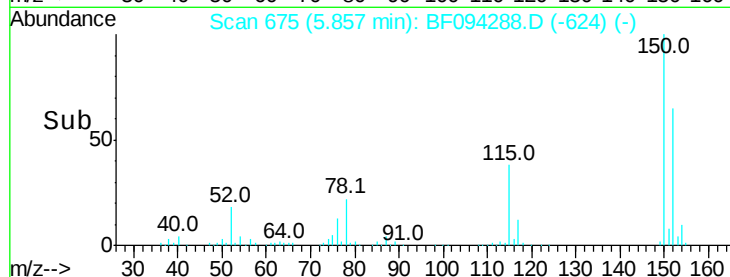
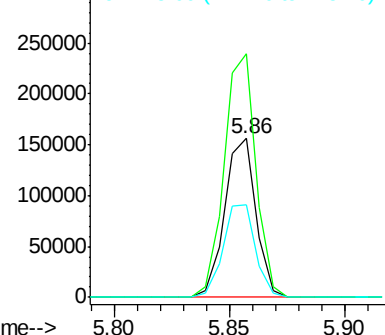
115 58.3 52.2 78.2



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: 123.28 ng

RT: 4.43 min Scan# 432

Delta R.T. 0.04 min

Lab File: BF094288.D

Acq: 7 Apr 2017 22:20

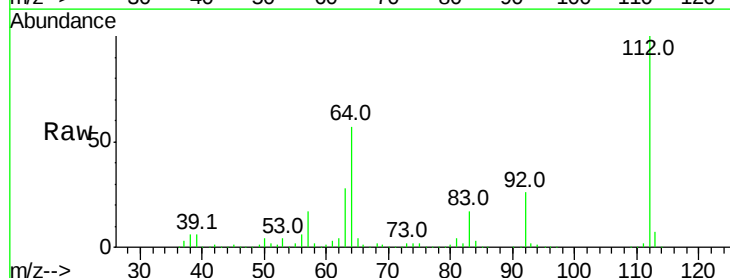
Tgt Ion:112 Resp: 1079727

Ion Ratio Lower Upper

112 100

64 57.1 46.0 69.0

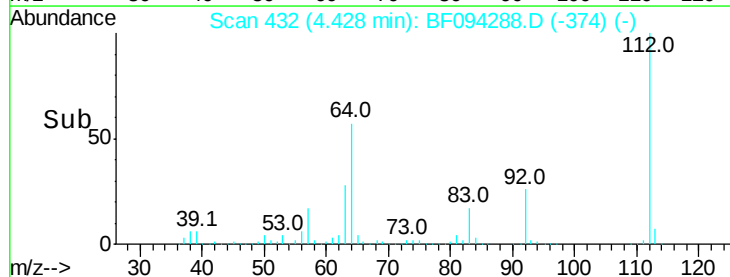
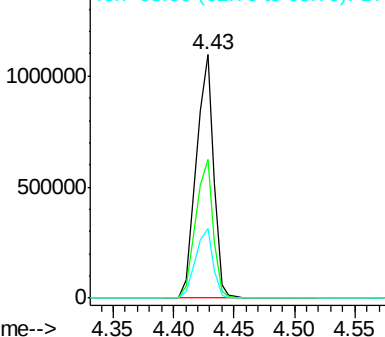
63 28.4 23.4 35.0

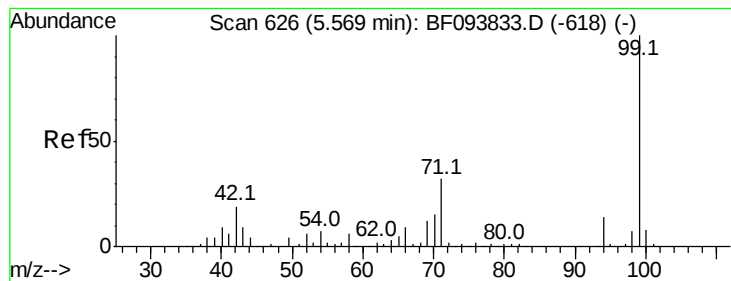


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 130.95 ng

RT: 5.51 min Scan# 616

Delta R.T. 0.05 min

Lab File: BF094288.D

Acq: 7 Apr 2017 22:20

Instrument :

BNA_F

ClientSampleId :

GP-B-02(0-5)

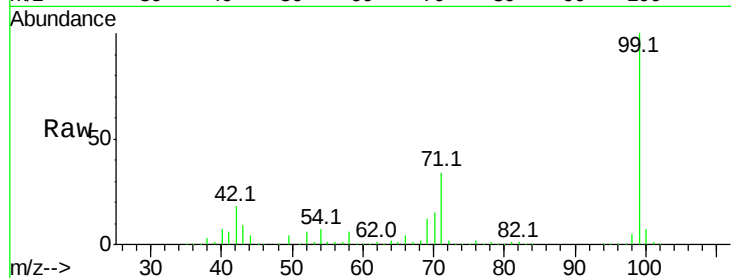
Tot Ion: 99 Resp: 1418793

Ion Ratio Lower Upper

99 100

42 18.1 13.5 20.3

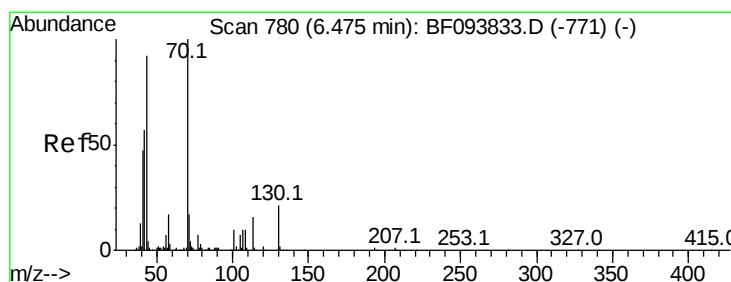
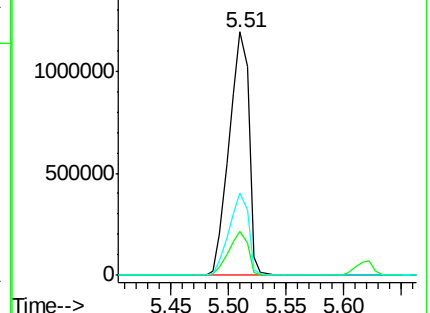
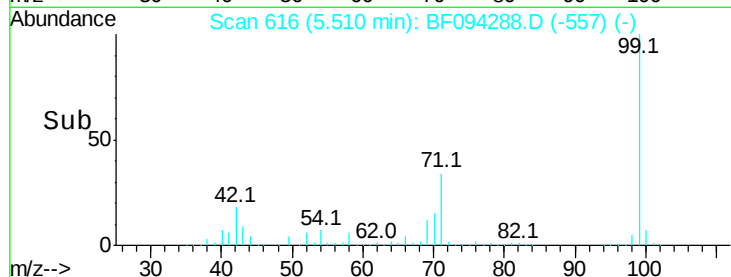
71 33.6 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.83 ng

RT: 6.51 min Scan# 786

Delta R.T. 0.16 min

Lab File: BF094288.D

Acq: 7 Apr 2017 22:20

Tgt Ion: 70 Resp: 117171

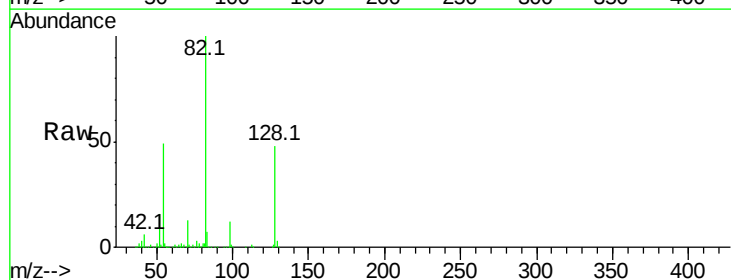
Ion Ratio Lower Upper

70 100

42 47.1 47.2 70.8#

101 0.0 7.2 10.8#

130 2.4 15.9 23.9#

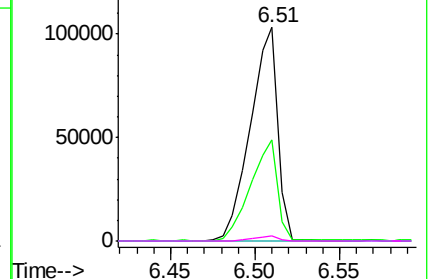
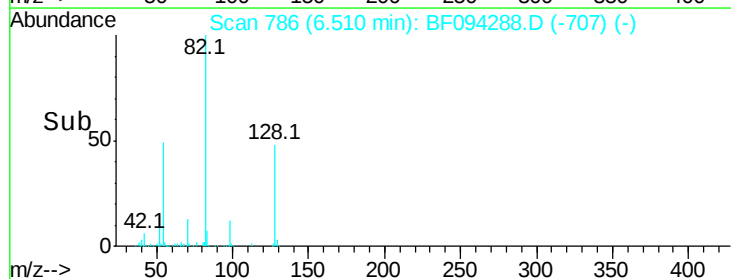


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.36 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF094288.D

Acq: 7 Apr 2017 22:20

Instrument :

BNA_F

ClientSampleId :

GP-B-02(0-5)

Tot Ion:136 Resp: 559411

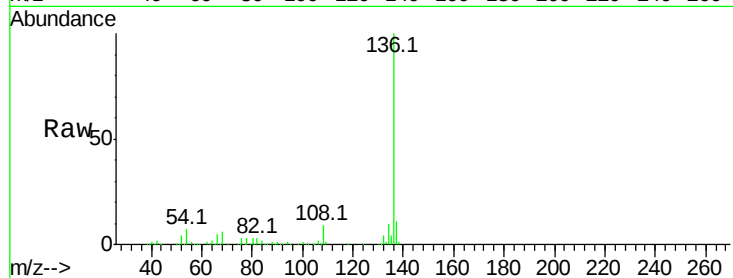
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.1 4.9 7.3

68 5.7 4.1 6.1

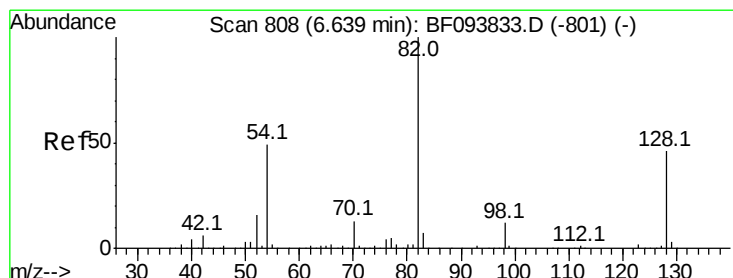
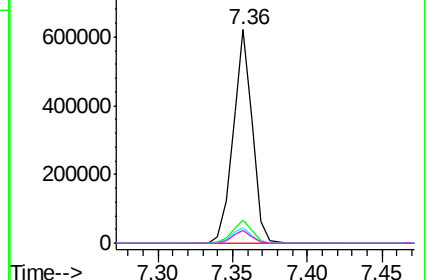
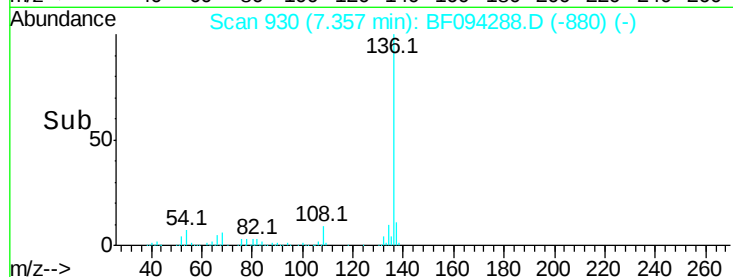


Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.02 ng

RT: 6.51 min Scan# 786

Delta R.T. 0.00 min

Lab File: BF094288.D

Acq: 7 Apr 2017 22:20

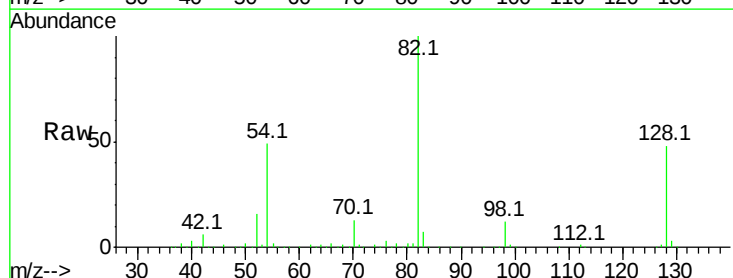
Tgt Ion: 82 Resp: 882430

Ion Ratio Lower Upper

82 100

128 48.2 34.0 51.0

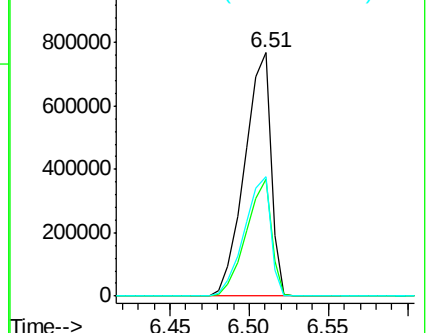
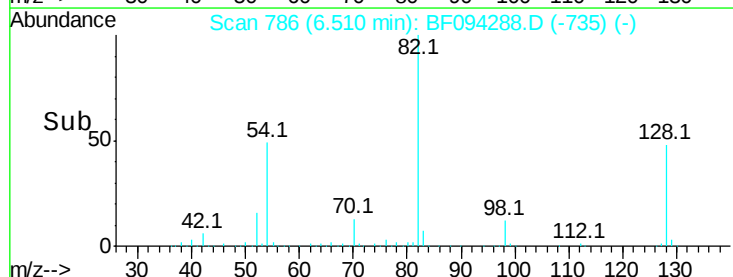
54 49.0 42.2 63.2



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

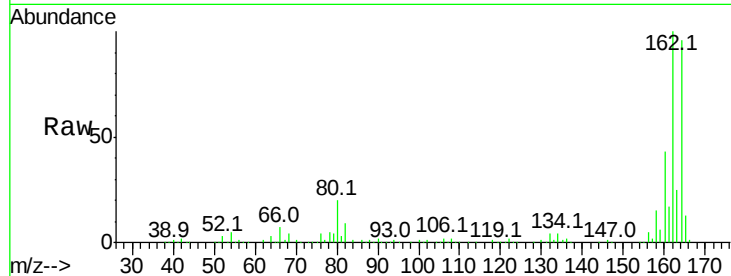




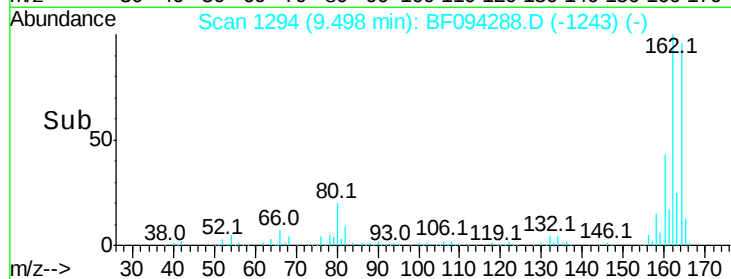
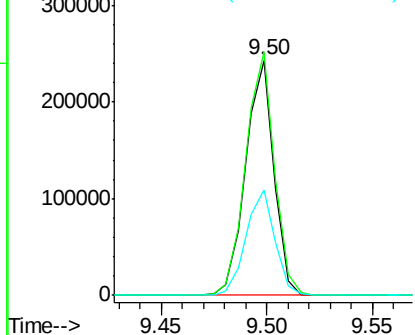
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: BF094288.D
 Acq: 7 Apr 2017 22:20

Instrument :
 BNA_F
 ClientSampleId :
 GP-B-02(0-5)

Tot Ion:164 Resp: 224729
 Ion Ratio Lower Upper
 164 100
 162 103.7 82.6 123.8
 160 44.7 36.2 54.2

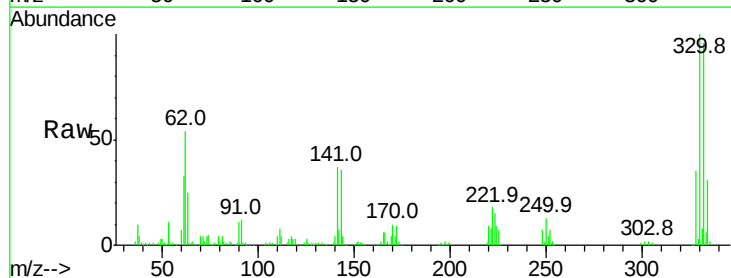


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

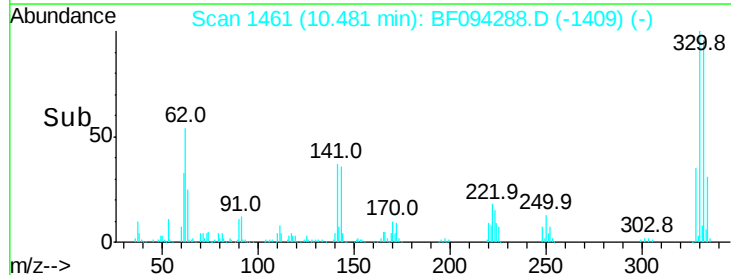
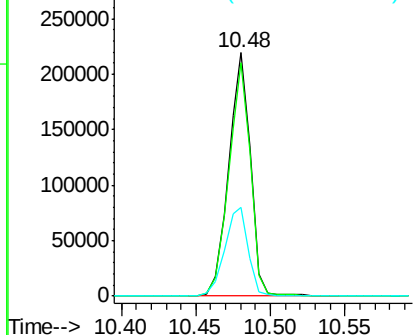


#41
 2,4,6-Tribromophenol
 Concen: 127.41 ng
 RT: 10.48 min Scan# 1461
 Delta R.T. 0.01 min
 Lab File: BF094288.D
 Acq: 7 Apr 2017 22:20

Tgt Ion:330 Resp: 226264
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 115.0
 141 39.5 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



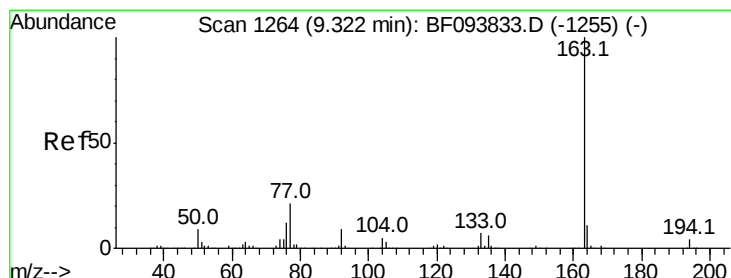
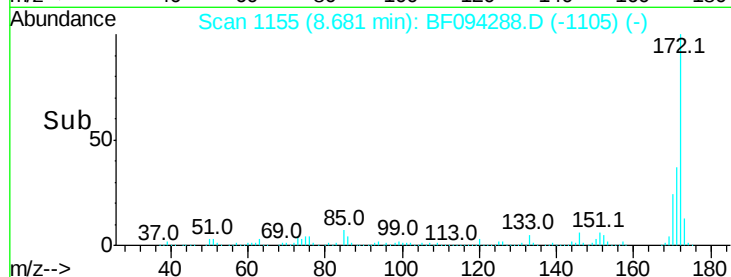
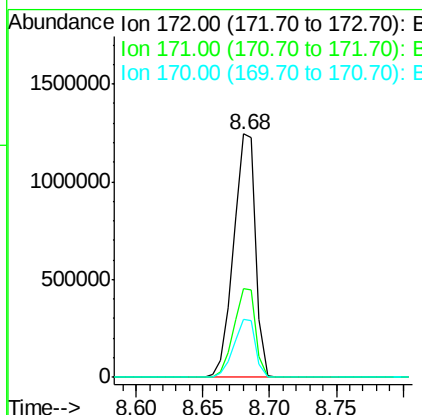
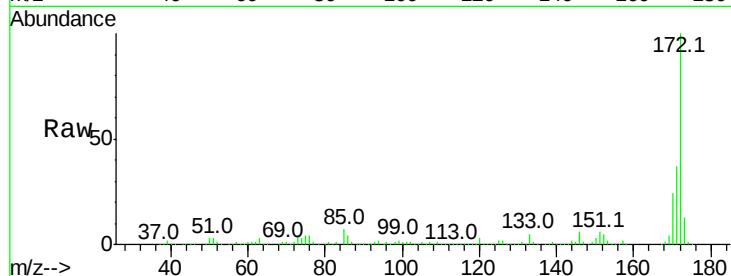


#44
 2-Fluorobiphenyl
 Concen: 97.43 ng
 RT: 8.68 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF094288.D
 Acq: 7 Apr 2017 22:20

Instrument :
 BNA_F
 ClientSampleId :
 GP-B-02(0-5)

Tot Ion:172 Resp: 1435476

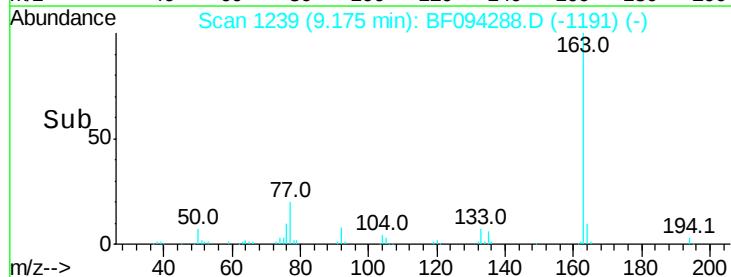
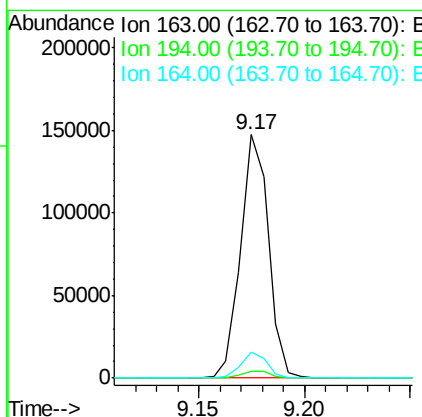
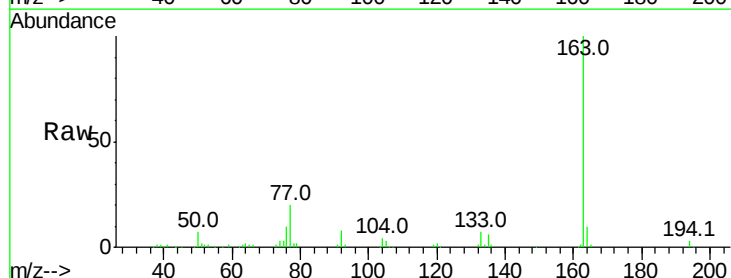
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	23.9	19.8	29.8



#49
 Dimethylphthalate
 Concen: 8.42 ng
 RT: 9.17 min Scan# 1239
 Delta R.T. -0.02 min
 Lab File: BF094288.D
 Acq: 7 Apr 2017 22:20

Tgt Ion:163 Resp: 134585

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.6	4.0
164	10.5	8.4	12.6

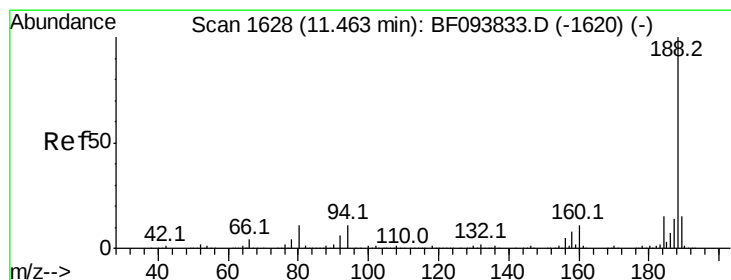
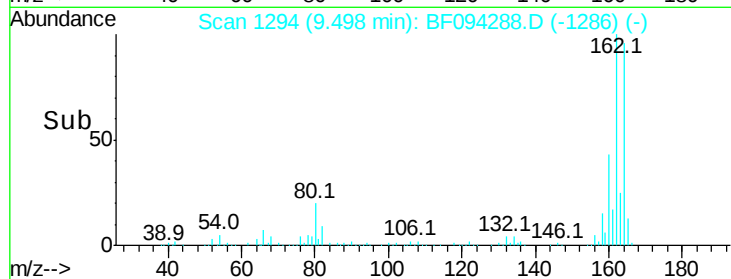
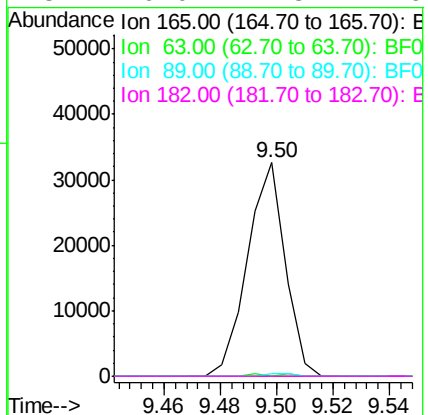
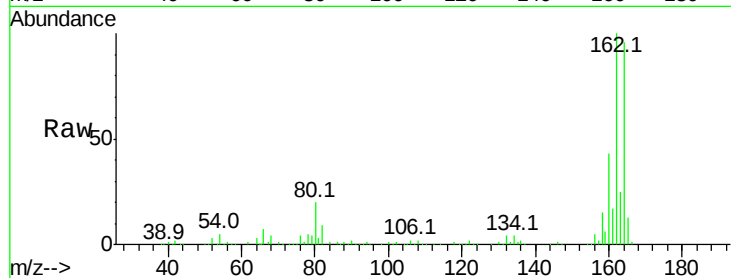




#56
 2,4-Dinitrotoluene
 Concen: 6.56 ng
 RT: 9.50 min Scan# 1294
 Delta R.T. -0.25 min
 Lab File: BF094288.D
 Acq: 7 Apr 2017 22:20

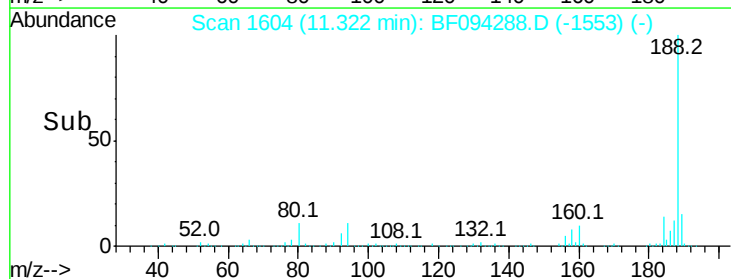
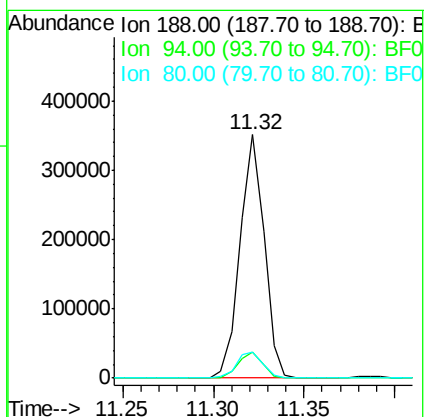
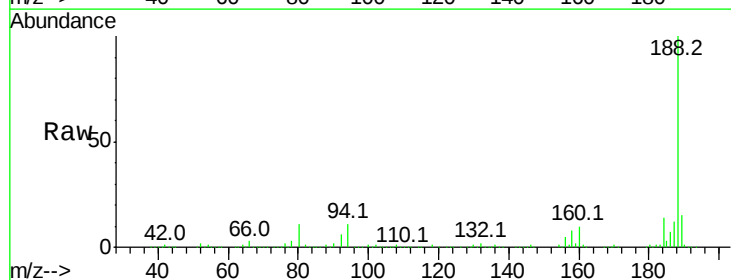
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 BNA_F
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 GP-B-02(0-5)

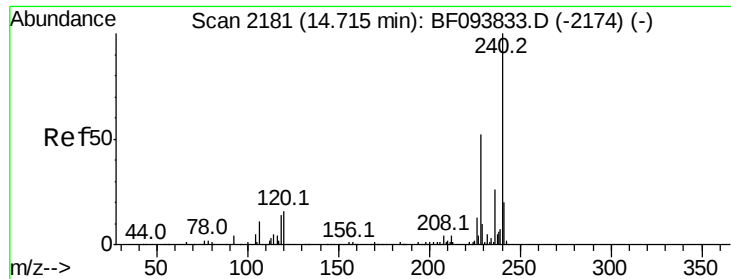
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	1.2	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 1604
 Delta R.T. 0.00 min
 Lab File: BF094288.D
 Acq: 7 Apr 2017 22:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.4	14.2
80	10.8	10.2	15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.57 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BF094288.D

Acq: 7 Apr 2017 22:20

Instrument :

BNA_F

ClientSampleId :

GP-B-02(0-5)

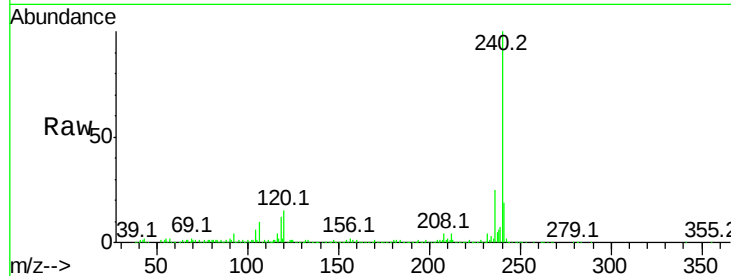
Tot Ion:240 Resp: 290528

Ion Ratio Lower Upper

240 100

120 14.6 5.8 8.8#

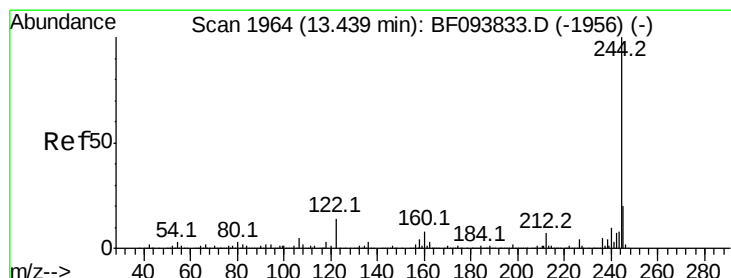
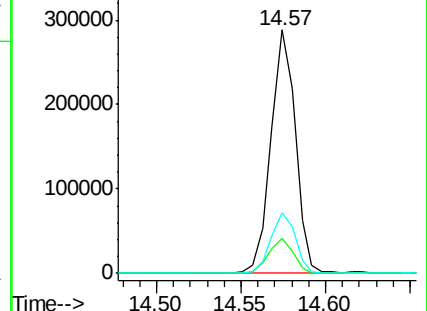
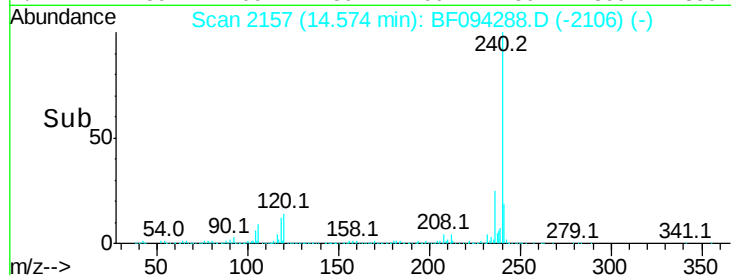
236 24.9 20.5 30.7



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: 65.49 ng

RT: 13.30 min Scan# 1941

Delta R.T. 0.01 min

Lab File: BF094288.D

Acq: 7 Apr 2017 22:20

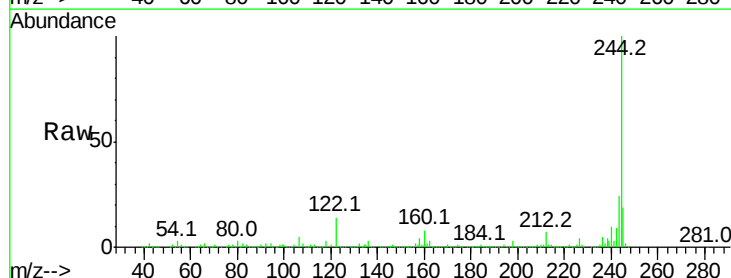
Tgt Ion:244 Resp: 848804

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

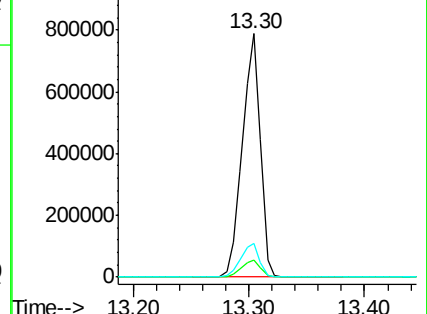
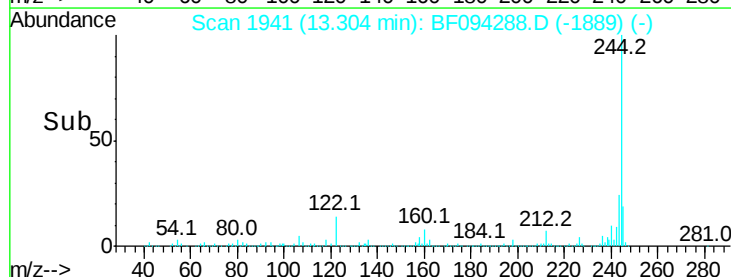
122 14.0 10.3 15.5

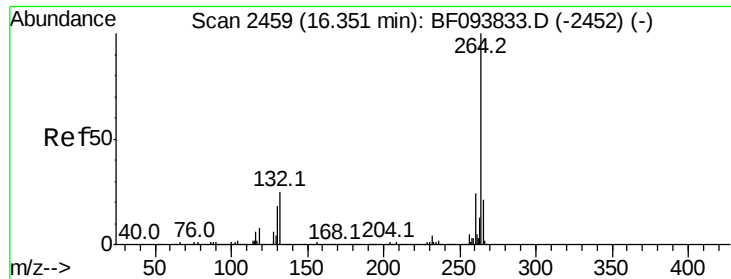


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

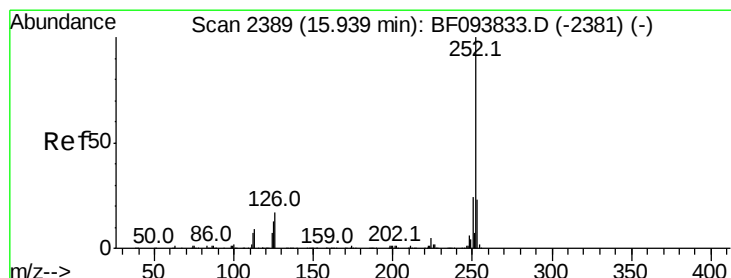
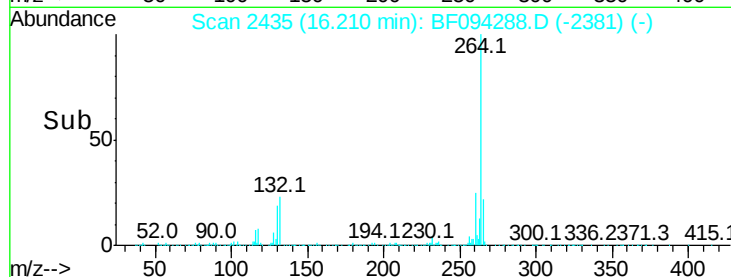
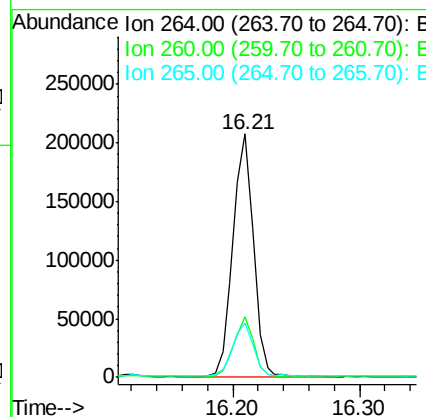
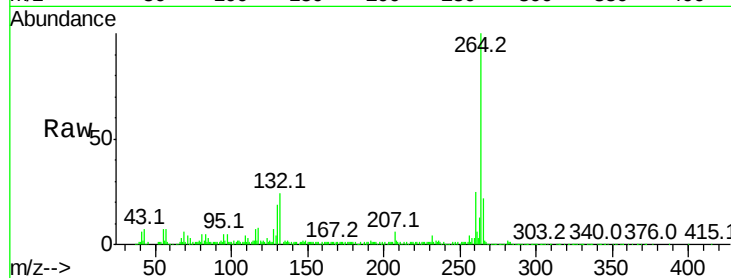




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.21 min Scan# 2435
Delta R.T. 0.02 min
Lab File: BF094288.D
Acq: 7 Apr 2017 22:20

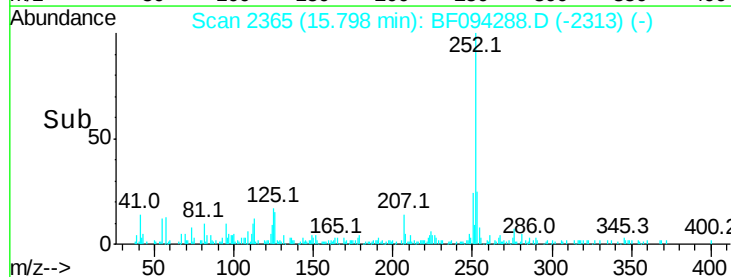
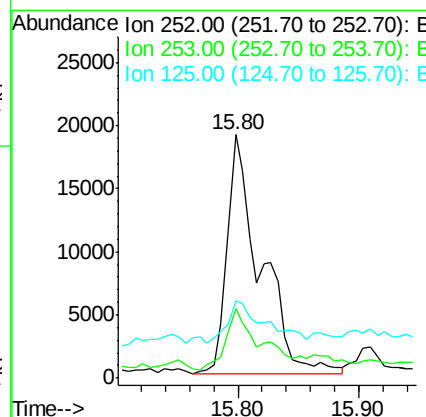
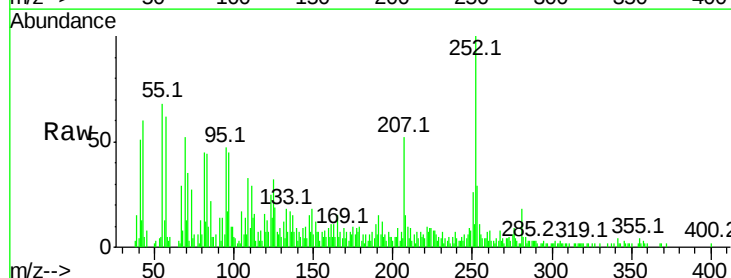
Instrument :
BNA_F
ClientSampleId :
GP-B-02(0-5)

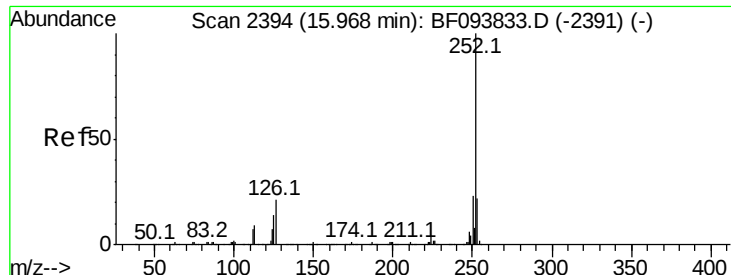
Tot Ion:264 Resp: 231209
Ion Ratio Lower Upper
264 100
260 25.0 19.5 29.3
265 22.4 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 2.54 ng
RT: 15.80 min Scan# 2365
Delta R.T. 0.01 min
Lab File: BF094288.D
Acq: 7 Apr 2017 22:20

Tgt Ion:252 Resp: 36021
Ion Ratio Lower Upper
252 100
253 28.6 18.1 27.1#
125 31.5 9.8 14.8#





#88

Benzo(k)fluoranthene

Concen: 2.60 ng

RT: 15.80 min Scan# 2365

Delta R.T. -0.03 min

Lab File: BF094288.D

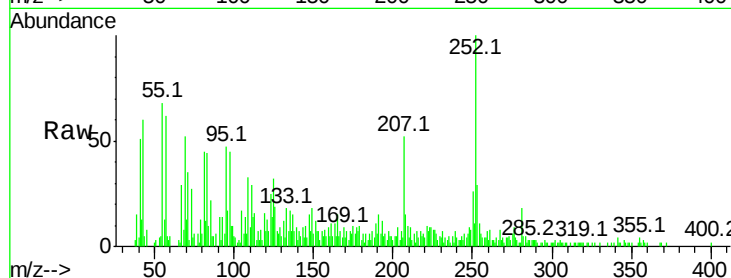
Acq: 7 Apr 2017 22:20

Instrument :

BNA_F

ClientSampleId :

GP-B-02(0-5)



Tot Ion:252 Resp: 36021

Ion Ratio Lower Upper

252 100

253 28.6 18.4 27.6#

125 31.5 13.1 19.7#

