

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012017\
 Data File : BF092394.D
 Acq On : 21 Jan 2017 3:37
 Operator : UM/SJ
 Sample : I1326-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-001-C

Quant Time: Jan 21 04:08:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 22:22:14 2017
 Response via : Initial Calibration

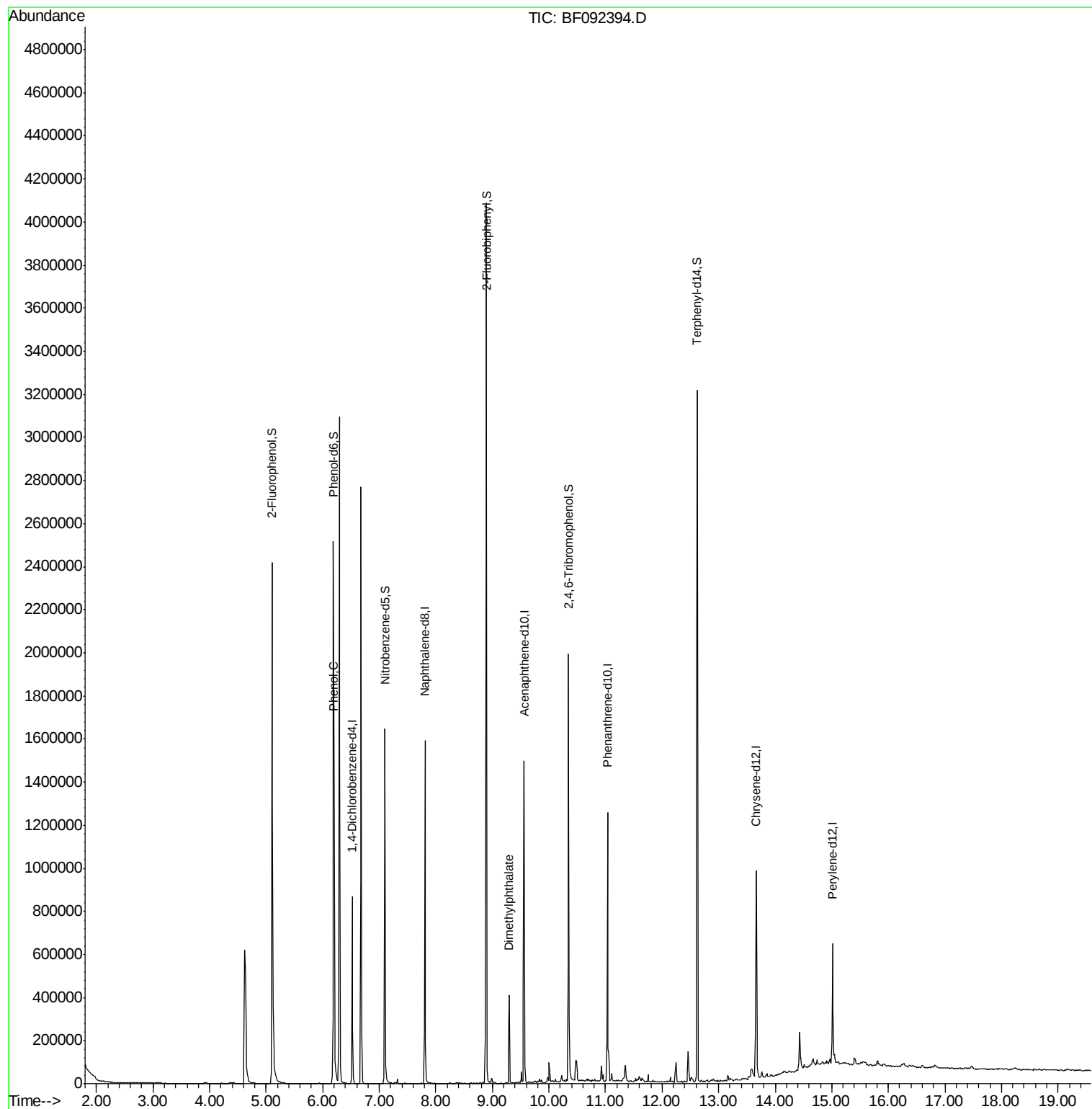
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	134613	20.00	ng	0.00
21) Naphthalene-d8	7.81	136	718626	20.00	ng	0.00
38) Acenaphthene-d10	9.56	164	333170	20.00	ng	0.00
63) Phenanthrene-d10	11.03	188	443885	20.00	ng	0.00
75) Chrysene-d12	13.66	240	332676	20.00	ng	0.00
86) Perylene-d12	15.01	264	234968	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	902304	111.92	ng	0.01
7) Phenol-d6	6.19	99	1120146	113.80	ng	0.00
23) Nitrobenzene-d5	7.10	82	750812	58.10	ng	0.00
41) 2,4,6-Tribromophenol	10.35	330	248278	90.05	ng	0.00
44) 2-Fluorobiphenyl	8.90	172	1634527	103.30	ng	0.00
78) Terphenyl-d14	12.62	244	1093443	79.71	ng	0.00
Target Compounds						
10) Phenol	6.20	94	59078	5.27	ng	Qvalue # 70
49) Dimethylphthalate	9.30	163	184985	8.68	ng	100

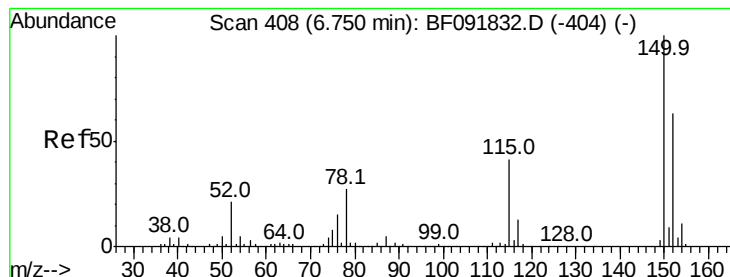
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.52 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF092394.D

Acq: 21 Jan 2017 3:37

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-001-C

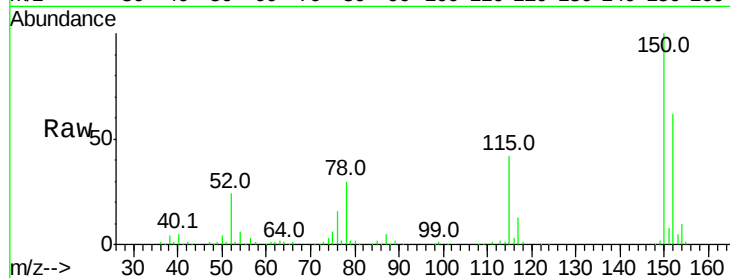
Tot Ion:152 Resp: 134613

Ion Ratio Lower Upper

152 100

150 161.0 124.9 187.3

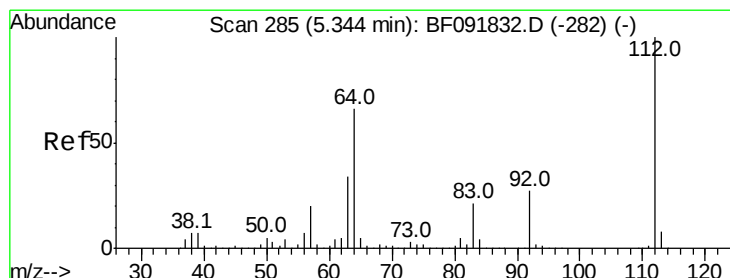
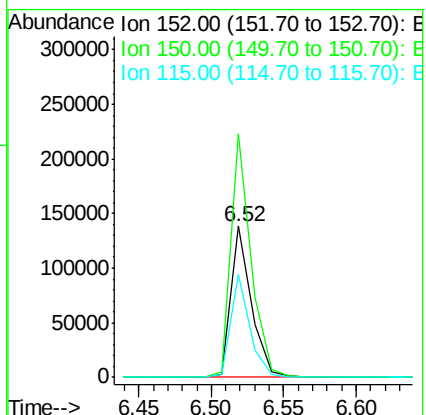
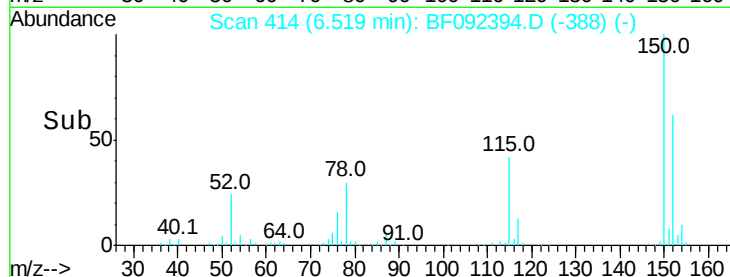
115 67.6 46.0 69.0



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: 111.92 ng

RT: 5.10 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF092394.D

Acq: 21 Jan 2017 3:37

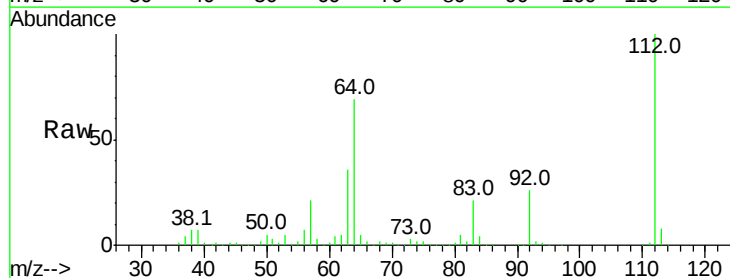
Tgt Ion:112 Resp: 902304

Ion Ratio Lower Upper

112 100

64 68.8 46.1 69.1

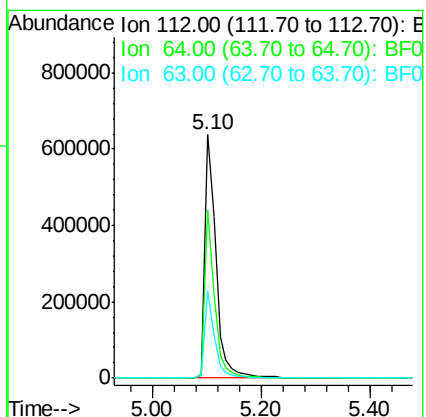
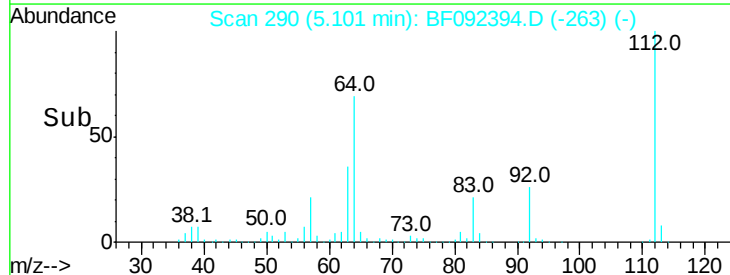
63 35.7 23.8 35.6#



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: 113.80 ng

RT: 6.19 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF092394.D

Acq: 21 Jan 2017 3:37

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-001-C

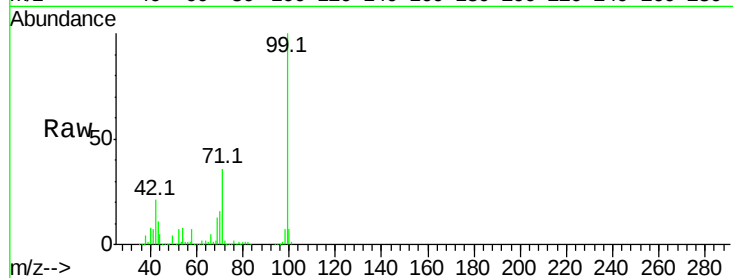
Tot Ion: 99 Resp: 1120146

Ion Ratio Lower Upper

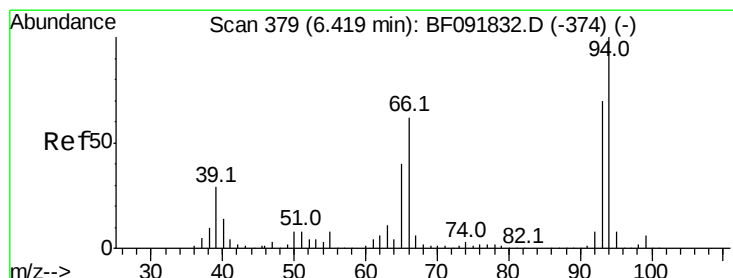
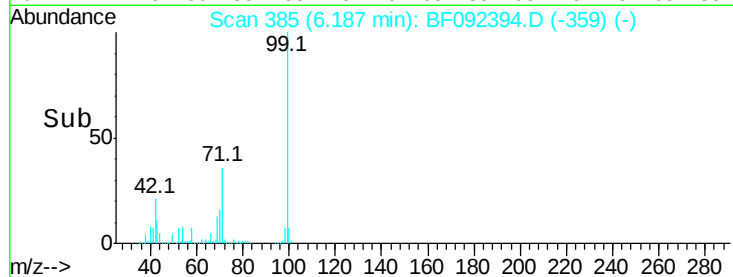
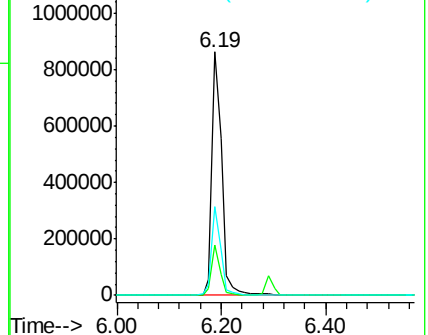
99 100

42 20.6 15.6 23.4

71 36.3 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: 5.27 ng

RT: 6.20 min Scan# 386

Delta R.T. 0.00 min

Lab File: BF092394.D

Acq: 21 Jan 2017 3:37

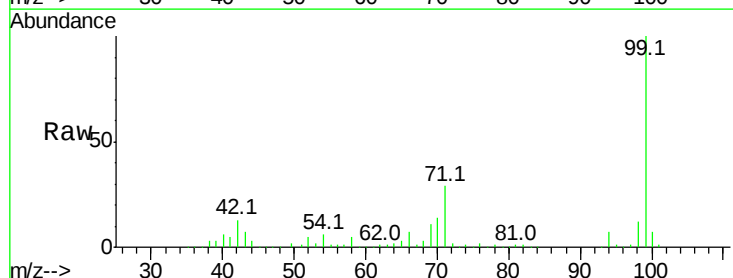
Tgt Ion: 94 Resp: 59078

Ion Ratio Lower Upper

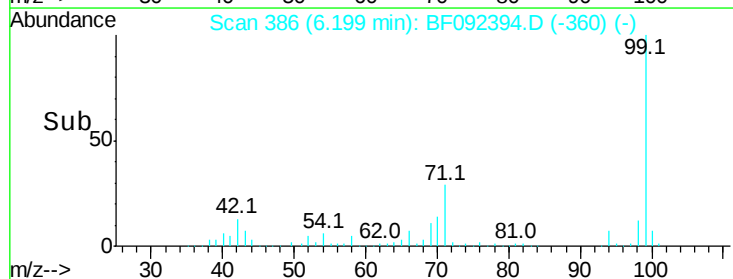
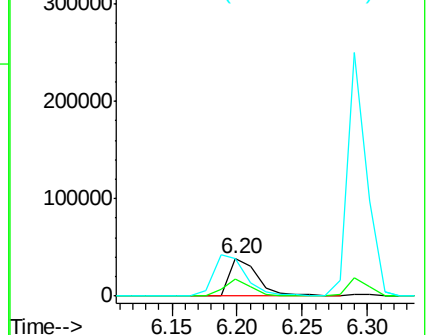
94 100

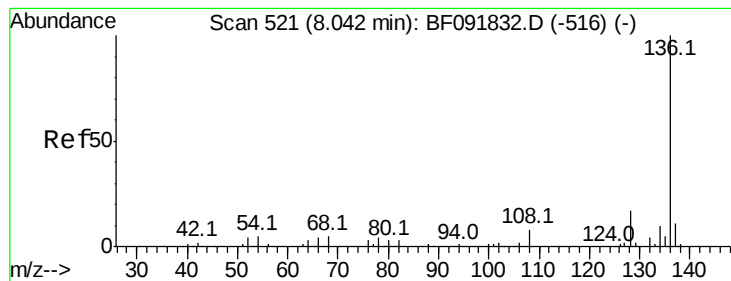
65 45.2 21.4 61.4

66 99.0 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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.81 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF092394.D

Acq: 21 Jan 2017 3:37

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-001-C

Tot Ion:136 Resp: 718626

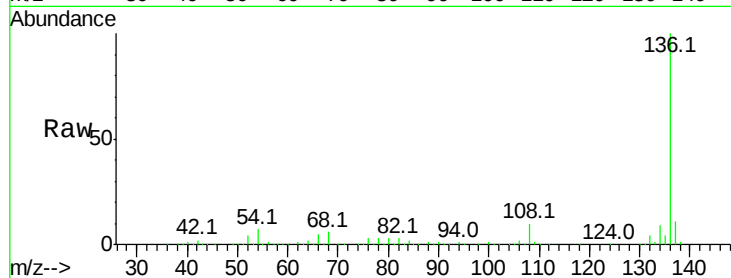
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 7.3 4.5 6.7#

68 6.2 3.6 5.4#

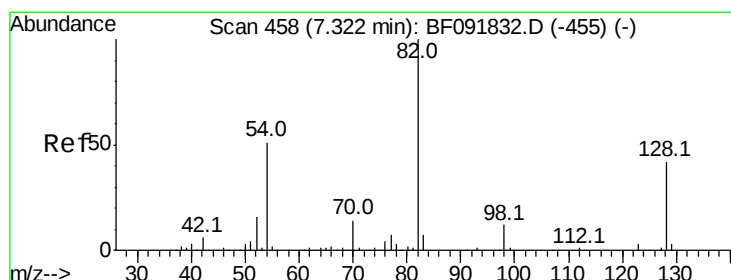
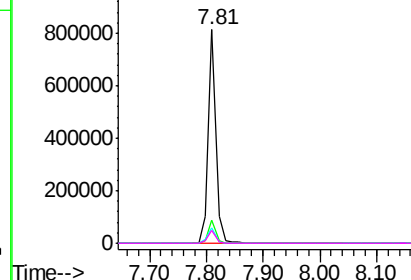
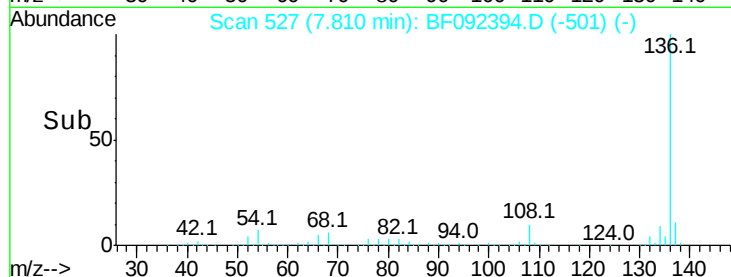


Abundance Ion 136.00 (135.70 to 136.70): E

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: 58.10 ng

RT: 7.10 min Scan# 465

Delta R.T. 0.00 min

Lab File: BF092394.D

Acq: 21 Jan 2017 3:37

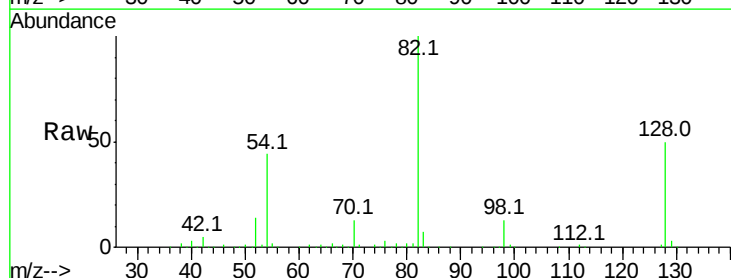
Tgt Ion: 82 Resp: 750812

Ion Ratio Lower Upper

82 100

128 50.1 34.6 52.0

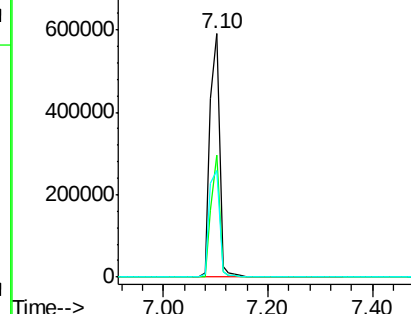
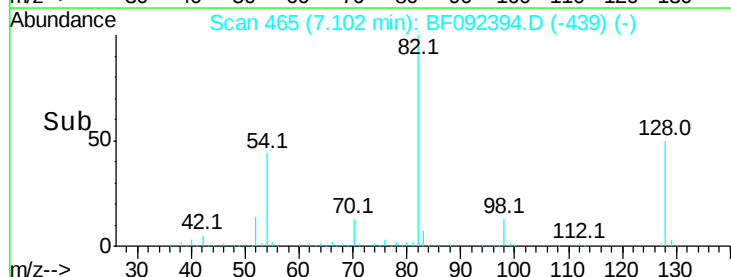
54 43.9 39.5 59.3

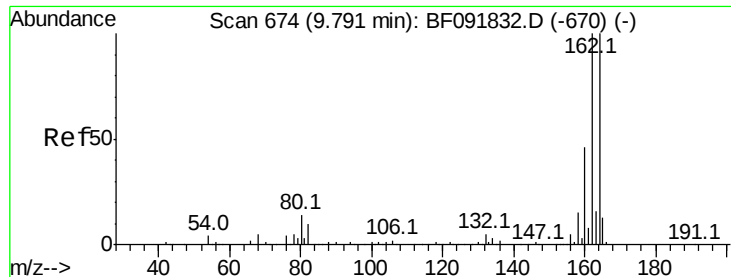


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.56 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF092394.D

Acq: 21 Jan 2017 3:37

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-001-C

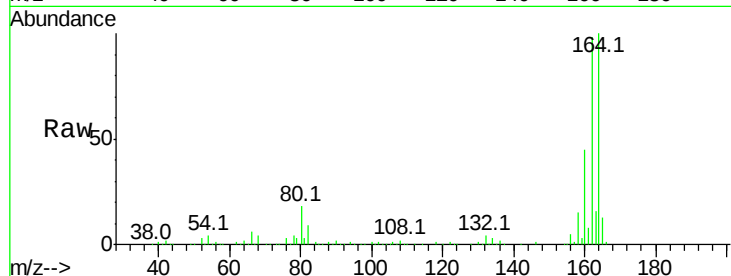
Tot Ion:164 Resp: 333170

Ion Ratio Lower Upper

164 100

162 98.5 80.2 120.2

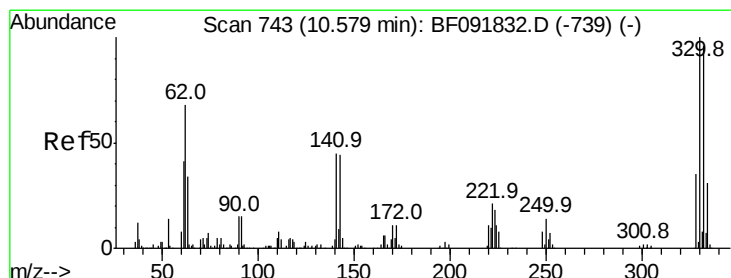
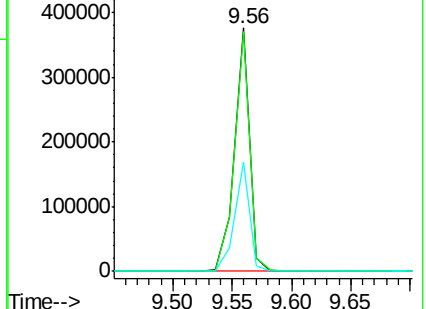
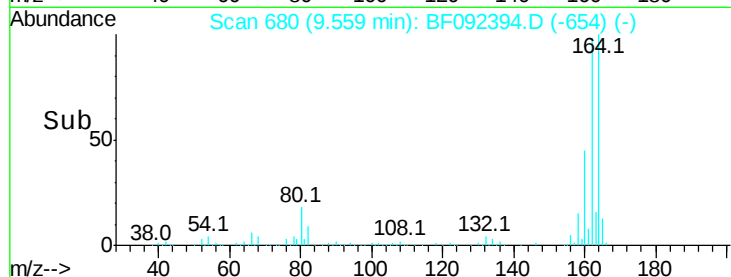
160 44.7 36.9 55.3



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: 90.05 ng

RT: 10.35 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF092394.D

Acq: 21 Jan 2017 3:37

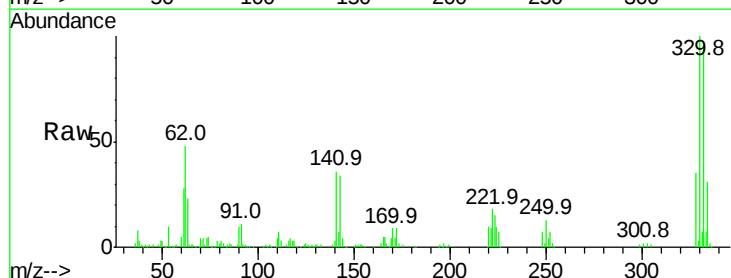
Tgt Ion:330 Resp: 248278

Ion Ratio Lower Upper

330 100

332 97.7 77.4 116.2

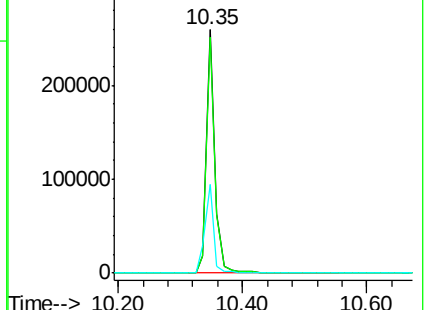
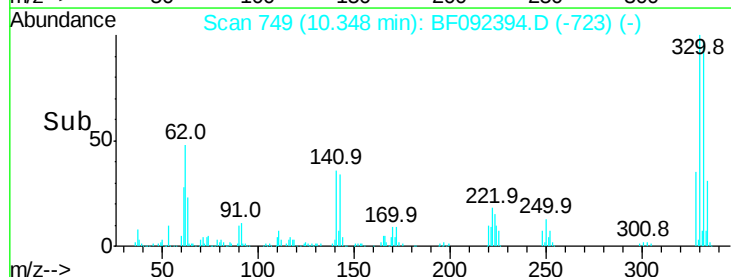
141 37.9 34.1 51.1



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

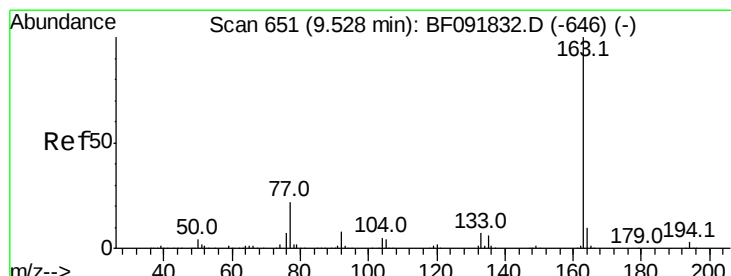
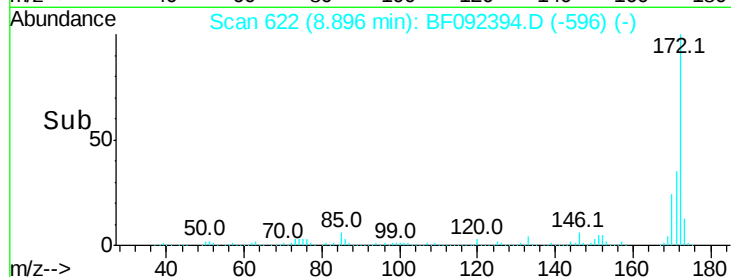
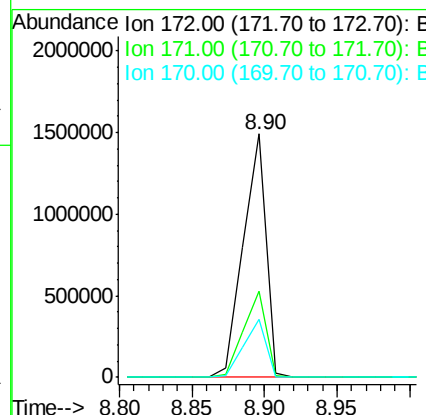
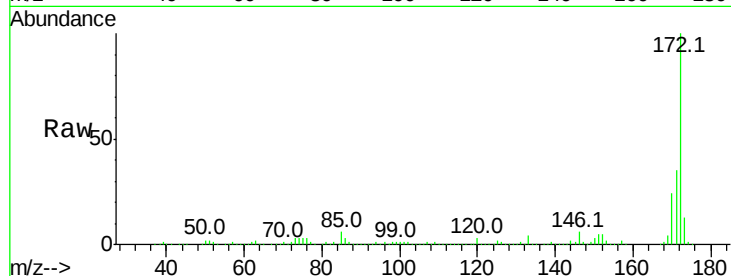




#44
2-Fluorobiphenyl
Concen: 103.30 ng
RT: 8.90 min Scan# 622
Delta R.T. 0.00 min
Lab File: BF092394.D
Acq: 21 Jan 2017 3:37

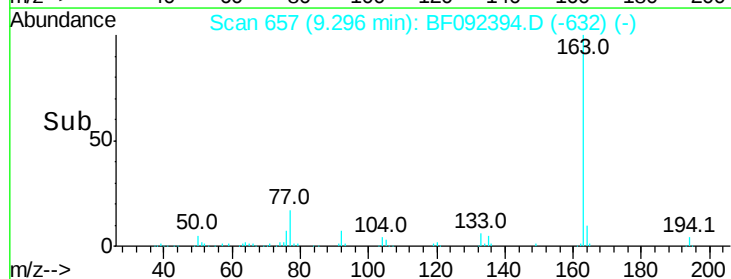
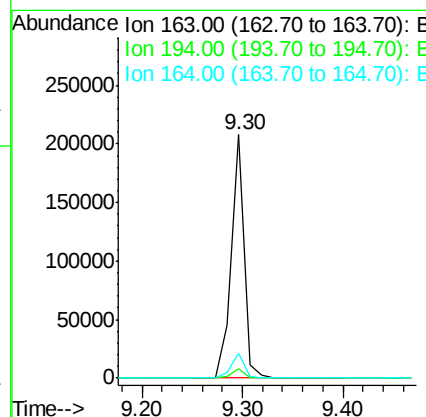
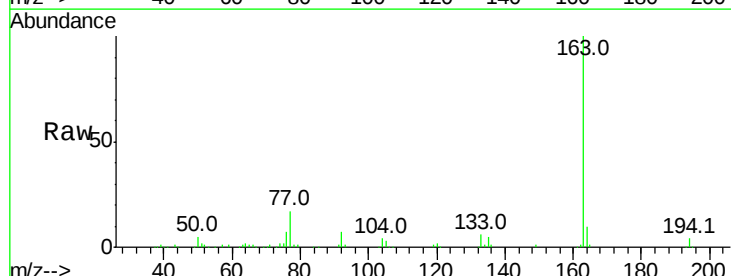
Instrument :
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FK-GF-02-001-C

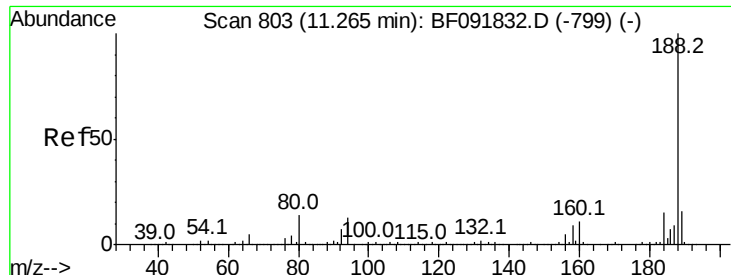
Tot Ion:172 Resp: 1634527
Ion Ratio Lower Upper
172 100
171 35.3 29.4 44.0
170 24.1 20.2 30.4



#49
Dimethylphthalate
Concen: 8.68 ng
RT: 9.30 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF092394.D
Acq: 21 Jan 2017 3:37

Tgt Ion:163 Resp: 184985
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.0 8.0 12.0

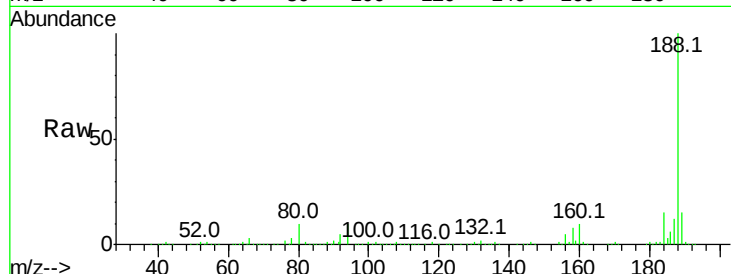




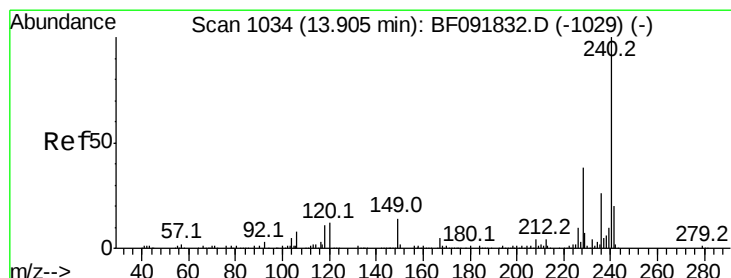
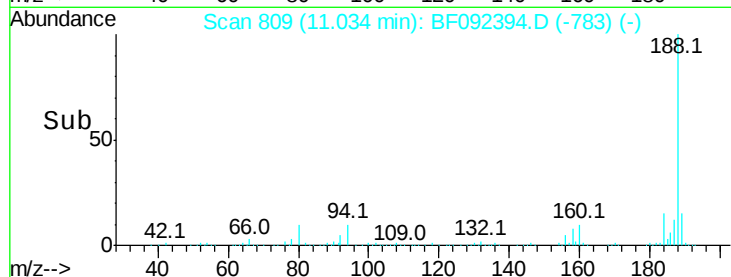
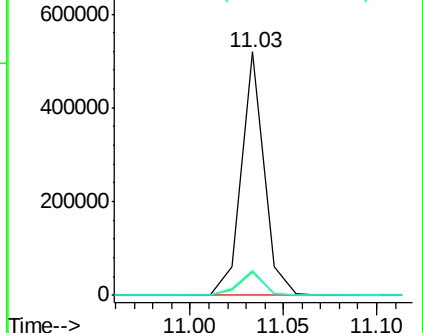
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.03 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF092394.D
 Acq: 21 Jan 2017 3:37

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-001-C

Tot Ion:188 Resp: 443885
 Ion Ratio Lower Upper
 188 100
 94 9.5 10.0 15.0#
 80 10.2 11.2 16.8#

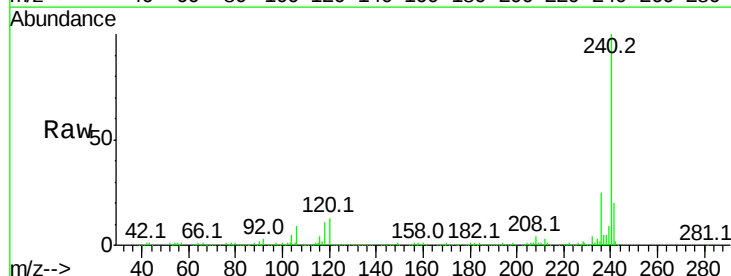


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

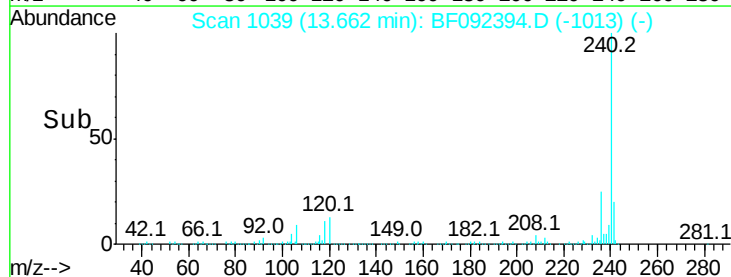
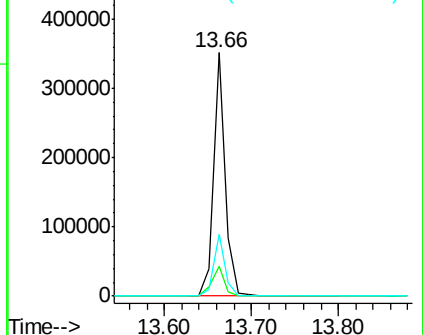


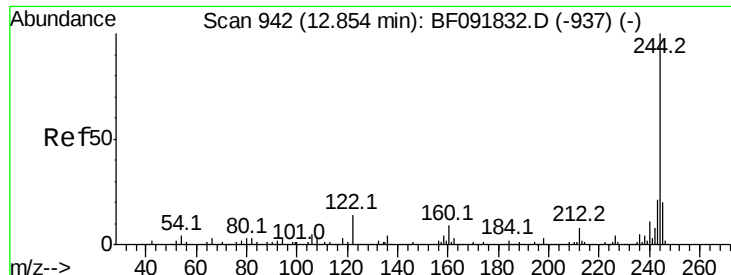
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.66 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF092394.D
 Acq: 21 Jan 2017 3:37

Tgt Ion:240 Resp: 332676
 Ion Ratio Lower Upper
 240 100
 120 12.5 12.9 19.3#
 236 25.3 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

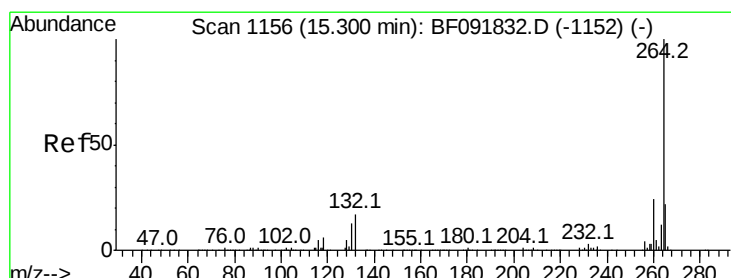
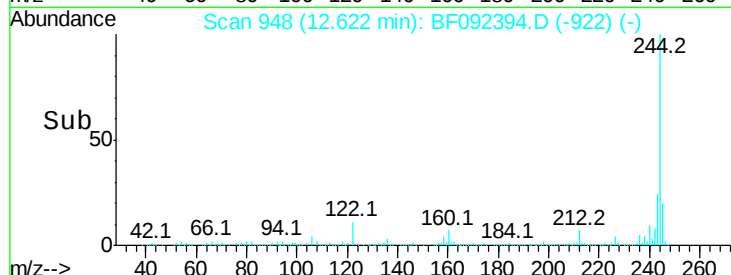
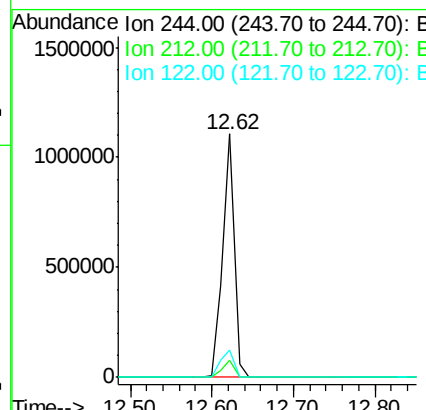
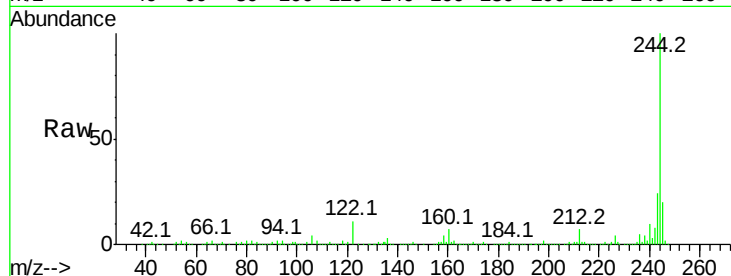




#78
 Terphenyl-d14
 Concen: 79.71 ng
 RT: 12.62 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: BF092394.D
 Acq: 21 Jan 2017 3:37

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-001-C

Tot Ion:244 Resp: 1093443
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.2 9.2
 122 11.3 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.01 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BF092394.D
 Acq: 21 Jan 2017 3:37

Tgt Ion:264 Resp: 234968
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.7 17.4 26.0

