

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032217\
 Data File : BF093863.D
 Acq On : 23 Mar 2017 5:50
 Operator : SJ/MA
 Sample : I2337-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-Q14-BASE-D

Quant Time: Mar 23 07:08:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 23 02:02:22 2017
 Response via : Initial Calibration

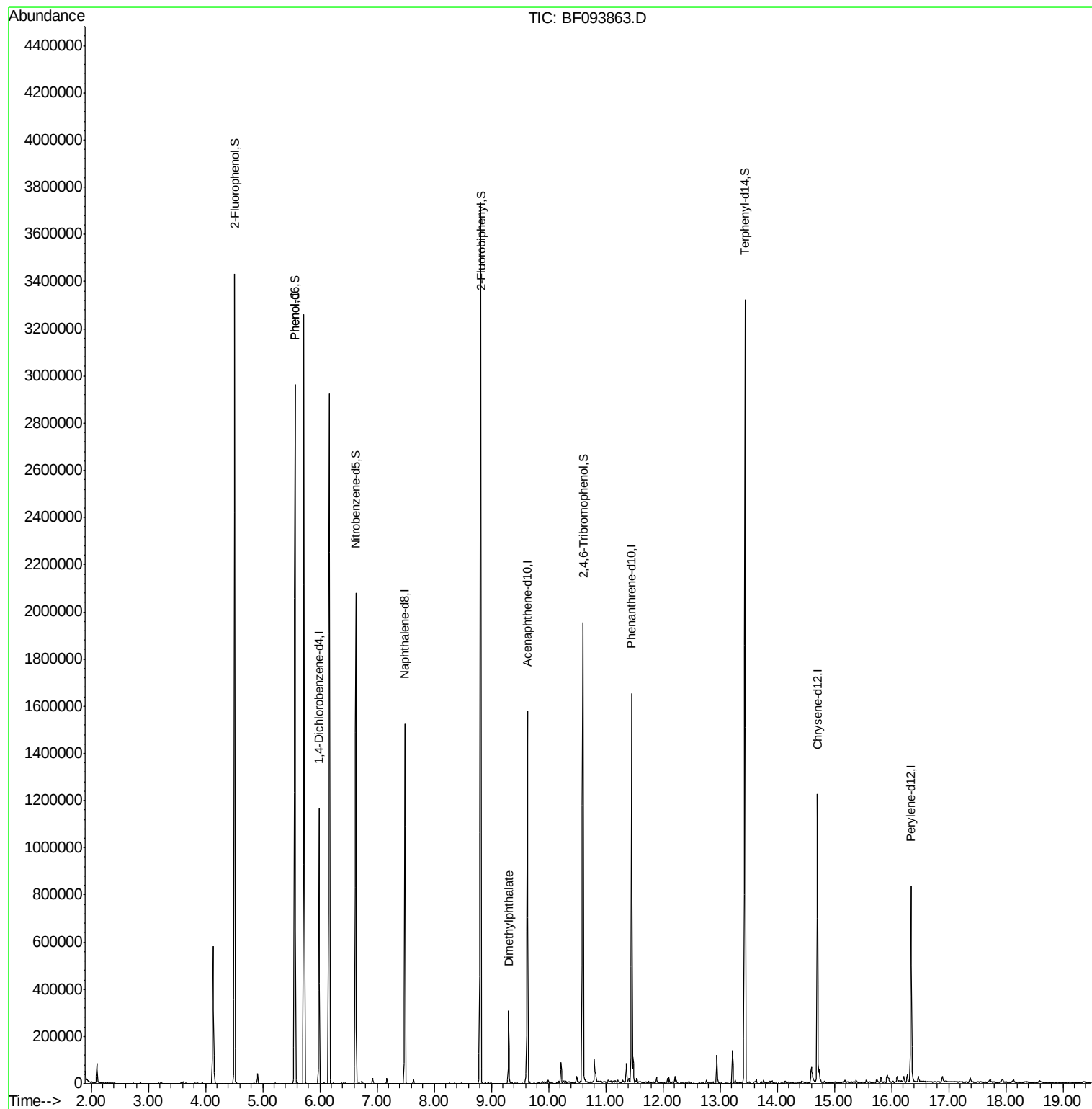
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.99	152	191459	20.00	ng	0.00
21) Naphthalene-d8	7.49	136	777255	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	360773	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	629147	20.00	ng	0.00
75) Chrysene-d12	14.70	240	474167	20.00	ng	-0.01
86) Perylene-d12	16.34	264	337396	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.51	112	1041953	91.92	ng	0.00
7) Phenol-d6	5.57	99	1337437	95.37	ng	0.00
23) Nitrobenzene-d5	6.63	82	837719	61.51	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	268094	94.04	ng	0.00
44) 2-Fluorobiphenyl	8.82	172	1528781	64.63	ng	0.00
78) Terphenyl-d14	13.44	244	1223560	57.84	ng	0.00
Target Compounds						
10) Phenol	5.57	94	58509	3.67	ng	96
49) Dimethylphthalate	9.30	163	127525	4.97	ng	97

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.99 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF093863.D

Acq: 23 Mar 2017 5:50

Instrument :

BNA_F

ClientSampleId :

E2-Q14-BASE-D

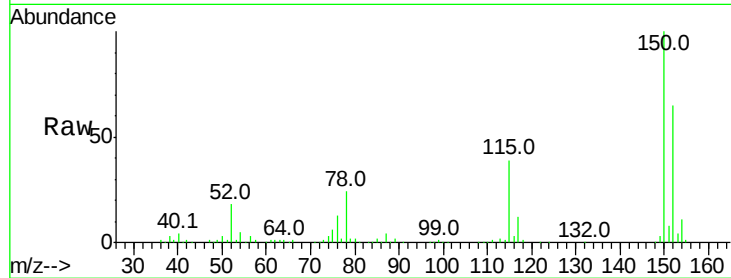
Tot Ion:152 Resp: 191459

Ion Ratio Lower Upper

152 100

150 154.4 126.2 189.2

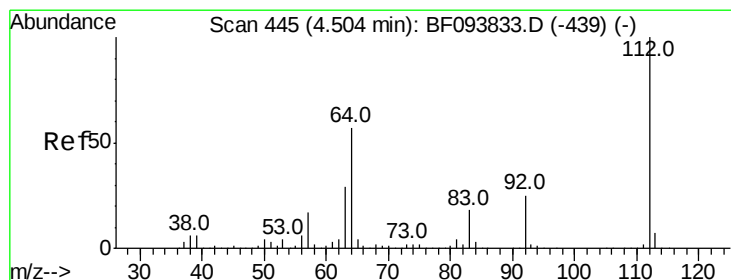
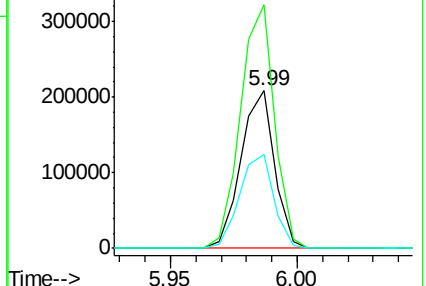
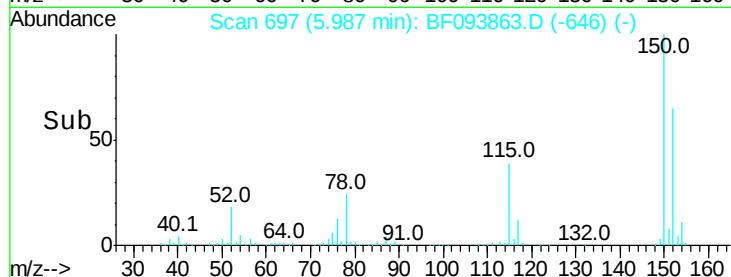
115 59.5 52.2 78.2



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: 91.92 ng

RT: 4.51 min Scan# 446

Delta R.T. 0.01 min

Lab File: BF093863.D

Acq: 23 Mar 2017 5:50

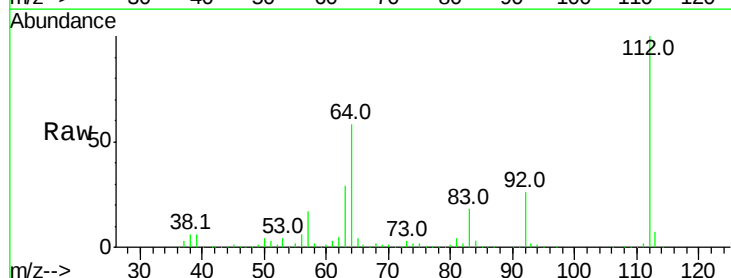
Tgt Ion:112 Resp: 1041953

Ion Ratio Lower Upper

112 100

64 58.1 46.0 69.0

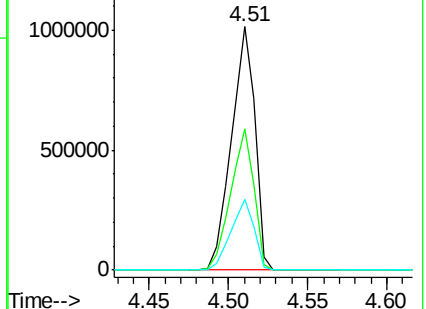
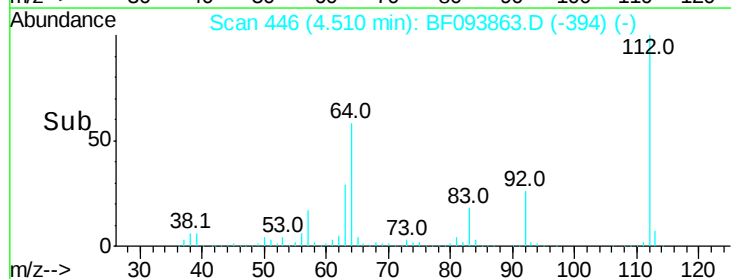
63 29.1 23.4 35.0



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: 95.37 ng

RT: 5.57 min Scan# 626

Delta R.T. 0.00 min

Lab File: BF093863.D

Acq: 23 Mar 2017 5:50

Instrument :

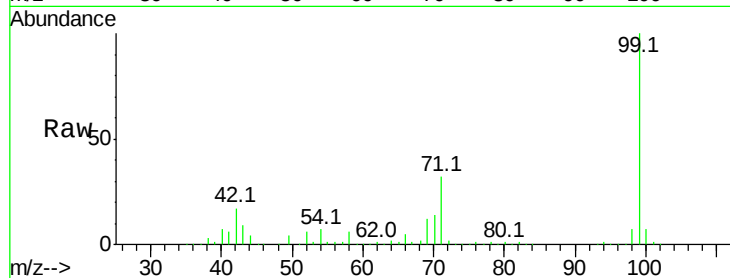
BNA_F

ClientSampleId :

E2-Q14-BASE-D

Tot Ion: 99 Resp: 1337437

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.5	20.3
71	31.7	24.5	36.7

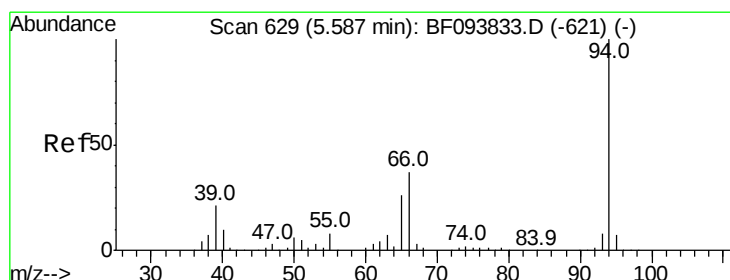
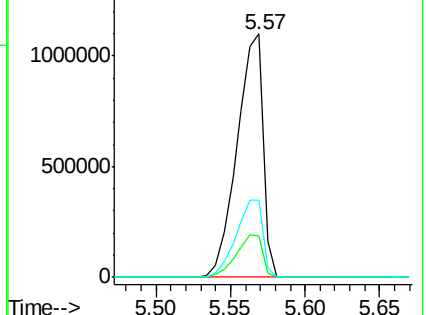
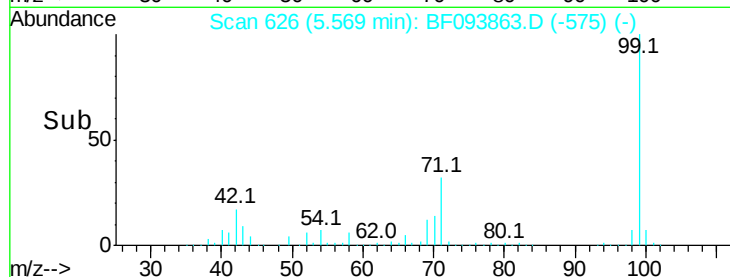


Abundance

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: 3.67 ng

RT: 5.57 min Scan# 627

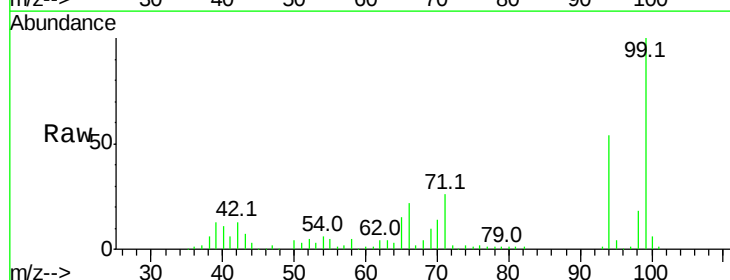
Delta R.T. -0.01 min

Lab File: BF093863.D

Acq: 23 Mar 2017 5:50

Tgt Ion: 94 Resp: 58509

Ion	Ratio	Lower	Upper
94	100		
65	27.1	9.9	49.9
66	41.2	23.1	63.1

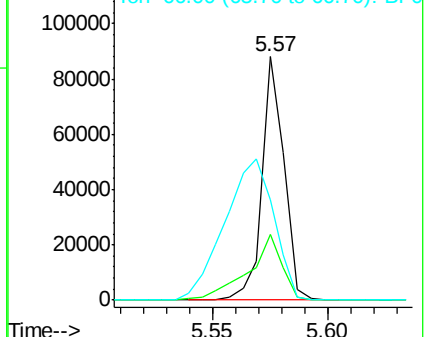
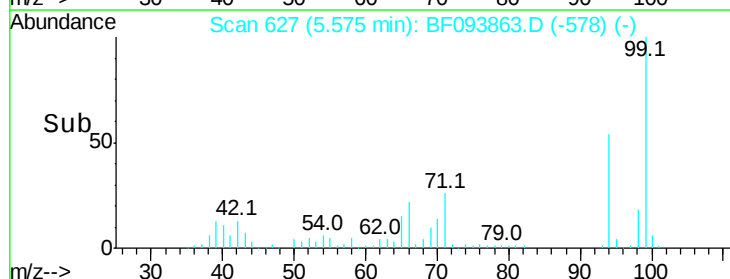


Abundance

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: 7.49 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF093863.D

Acq: 23 Mar 2017 5:50

Instrument :

BNA_F

ClientSampleId :

E2-Q14-BASE-D

Tot Ion:136 Resp: 777255

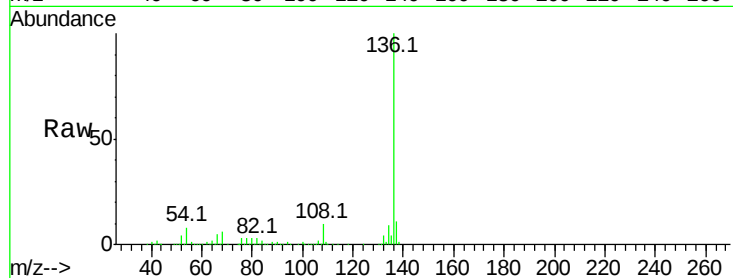
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 8.0 4.9 7.3#

68 6.3 4.1 6.1#

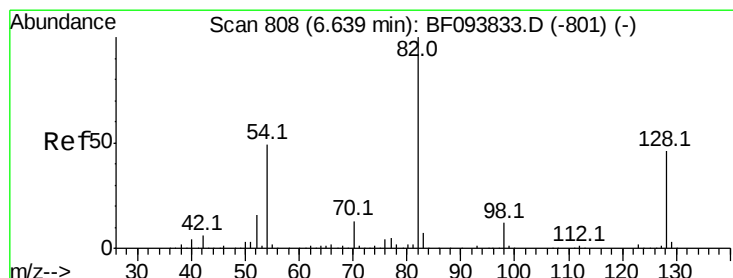
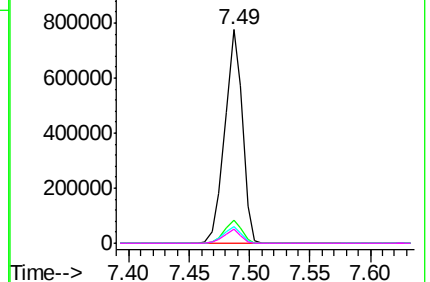
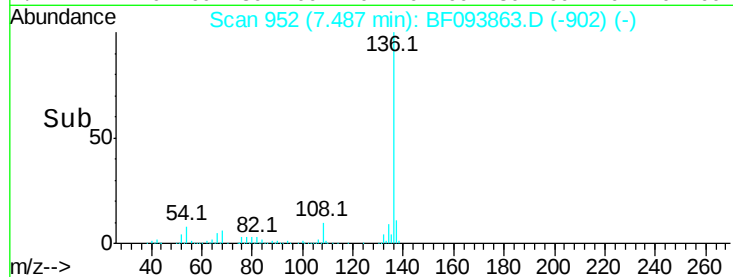


Abundance Ion 136.00 (135.70 to 136.70): E

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: 61.51 ng

RT: 6.63 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF093863.D

Acq: 23 Mar 2017 5:50

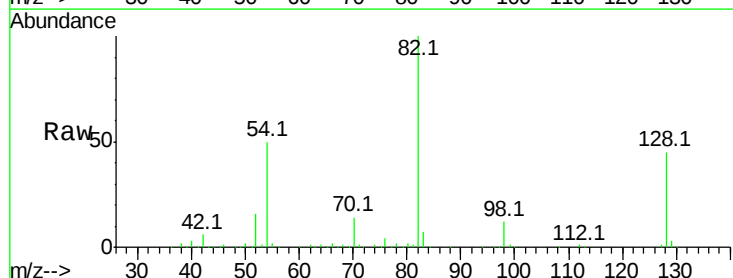
Tgt Ion: 82 Resp: 837719

Ion Ratio Lower Upper

82 100

128 45.4 34.0 51.0

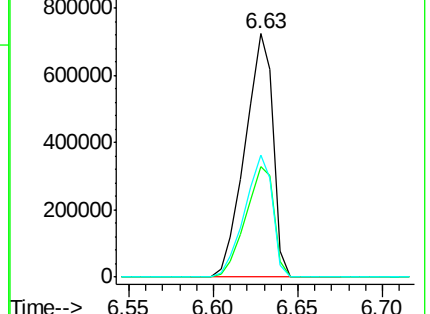
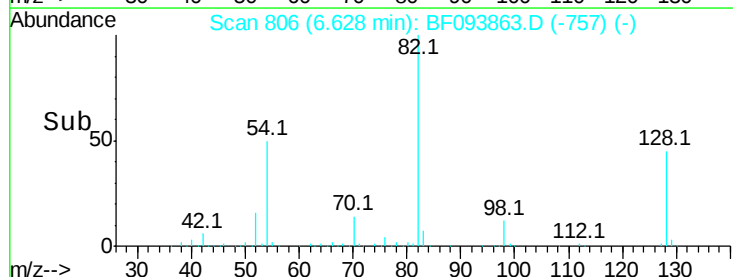
54 49.9 42.2 63.2

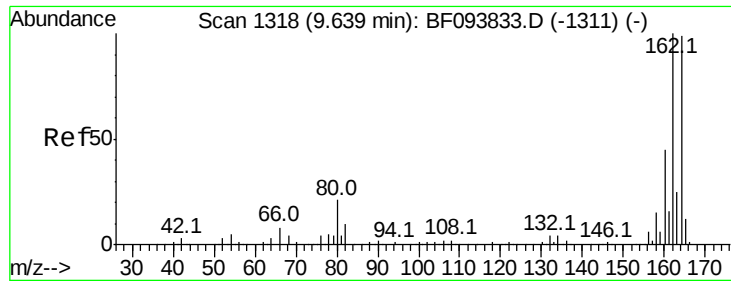


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

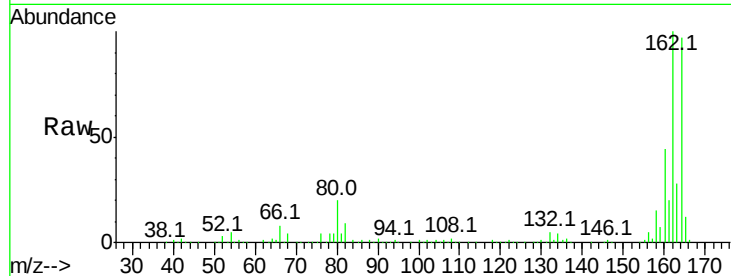




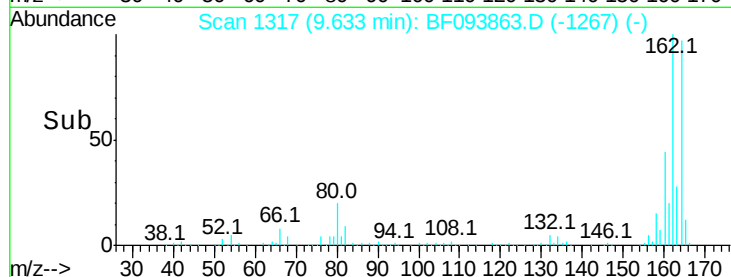
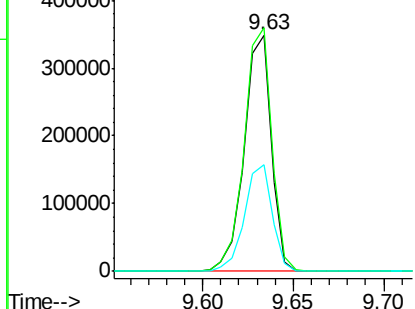
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF093863.D
 Acq: 23 Mar 2017 5:50

Instrument :
 BNA_F
 ClientSampleId :
 E2-Q14-BASE-D

Tot Ion:164 Resp: 360773
 Ion Ratio Lower Upper
 164 100
 162 103.1 82.6 123.8
 160 45.4 36.2 54.2

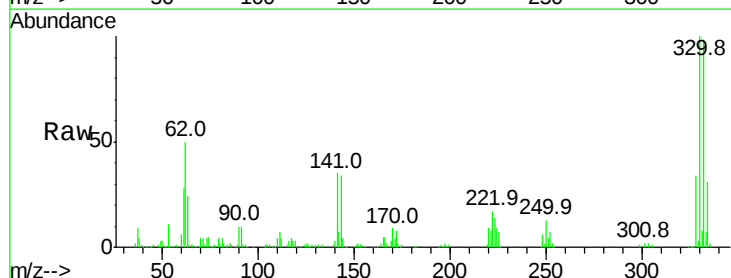


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

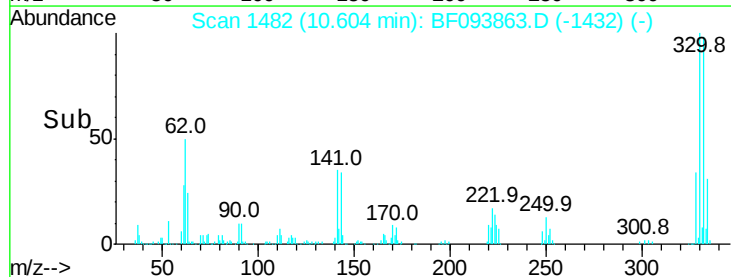
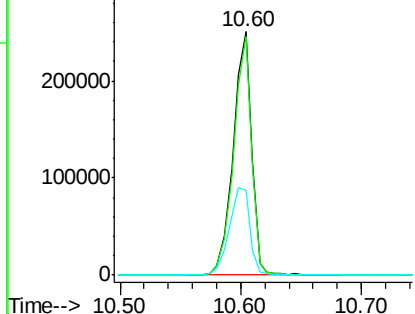


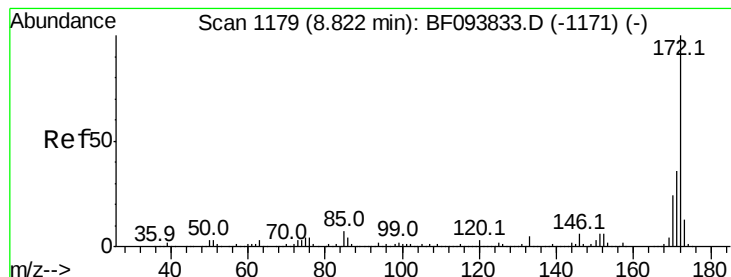
#41
 2,4,6-Tribromophenol
 Concen: 94.04 ng
 RT: 10.60 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF093863.D
 Acq: 23 Mar 2017 5:50

Tgt Ion:330 Resp: 268094
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 115.0
 141 40.5 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: 64.63 ng

RT: 8.82 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF093863.D

Acq: 23 Mar 2017 5:50

Instrument :

BNA_F

ClientSampleId :

E2-Q14-BASE-D

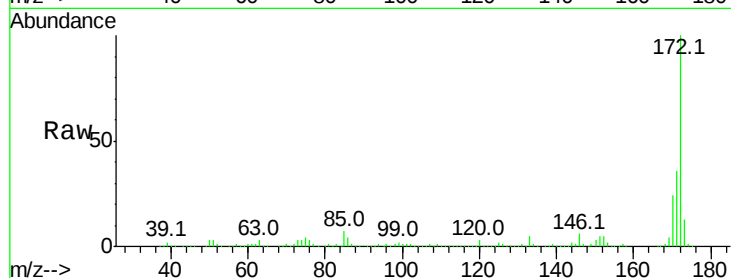
Tot Ion:172 Resp: 1528781

Ion Ratio Lower Upper

172 100

171 35.9 29.6 44.4

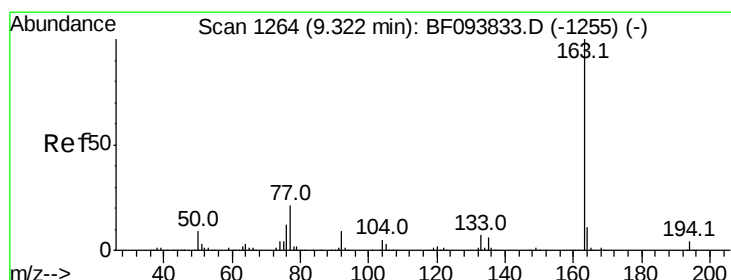
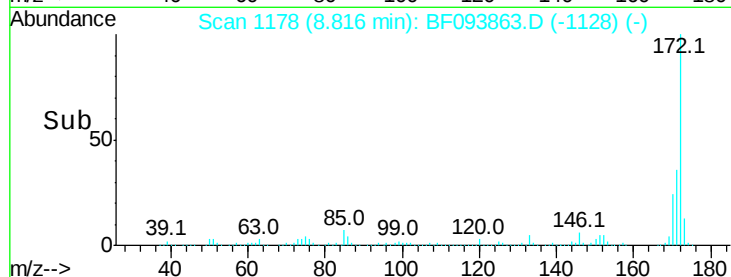
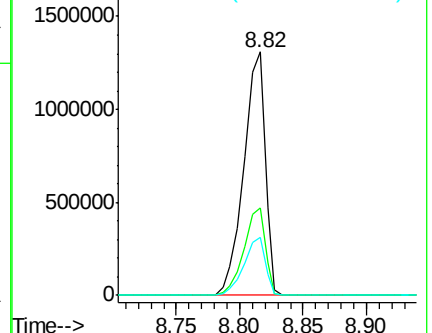
170 23.7 19.8 29.8



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: 4.97 ng

RT: 9.30 min Scan# 1261

Delta R.T. -0.02 min

Lab File: BF093863.D

Acq: 23 Mar 2017 5:50

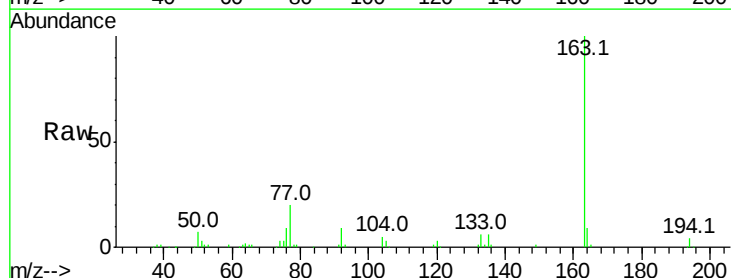
Tgt Ion:163 Resp: 127525

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

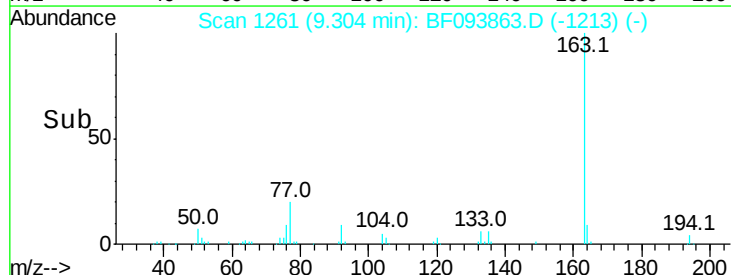
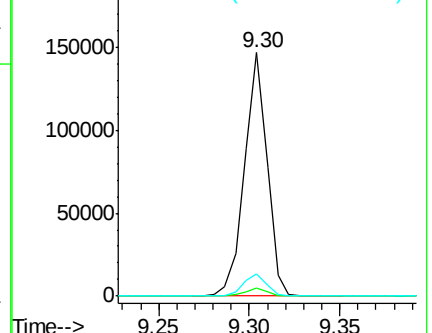
164 9.1 8.4 12.6

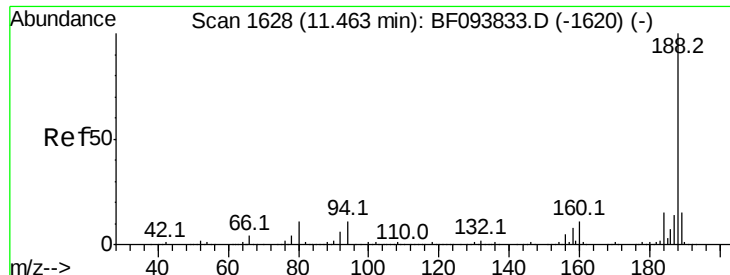


Abundance Ion 163.00 (162.70 to 163.70): E

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: 11.46 min Scan# 1627

Delta R.T. -0.01 min

Lab File: BF093863.D

Acq: 23 Mar 2017 5:50

Instrument :

BNA_F

ClientSampleId :

E2-Q14-BASE-D

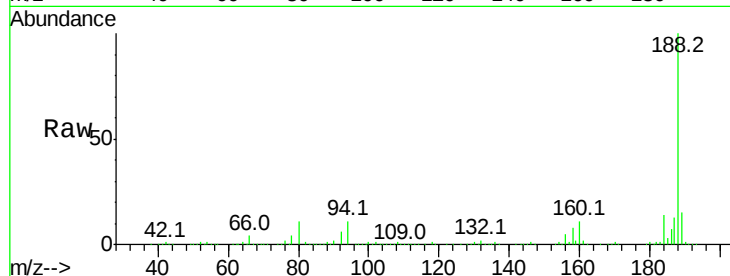
Tot Ion:188 Resp: 629147

Ion Ratio Lower Upper

188 100

94 10.7 9.4 14.2

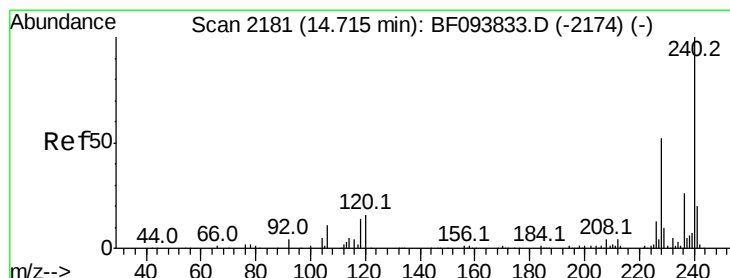
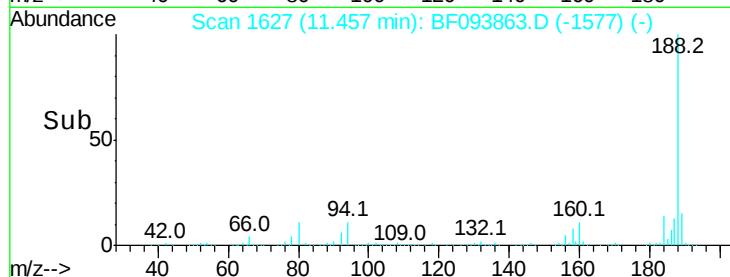
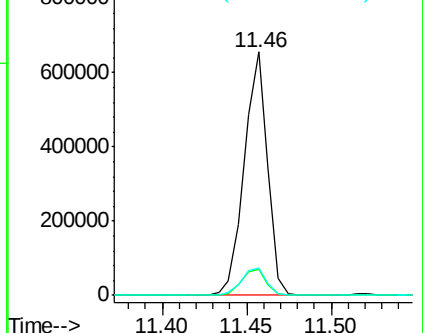
80 11.3 10.2 15.2



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: 14.70 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BF093863.D

Acq: 23 Mar 2017 5:50

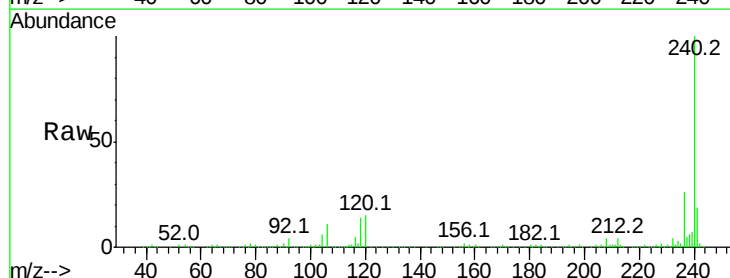
Tgt Ion:240 Resp: 474167

Ion Ratio Lower Upper

240 100

120 15.5 5.8 8.8#

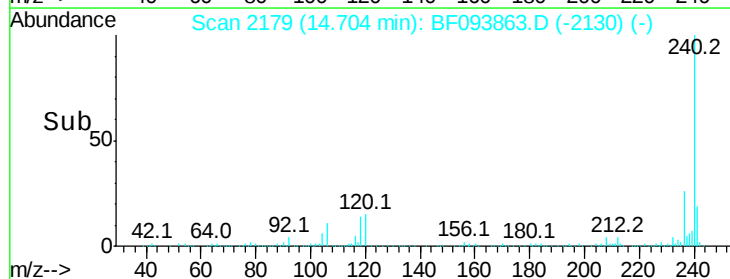
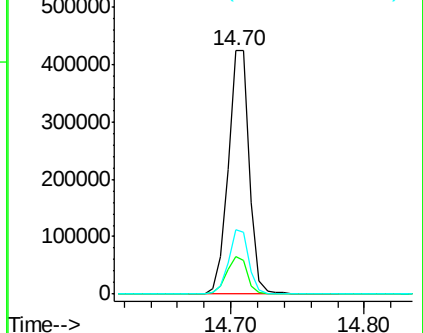
236 26.3 20.5 30.7

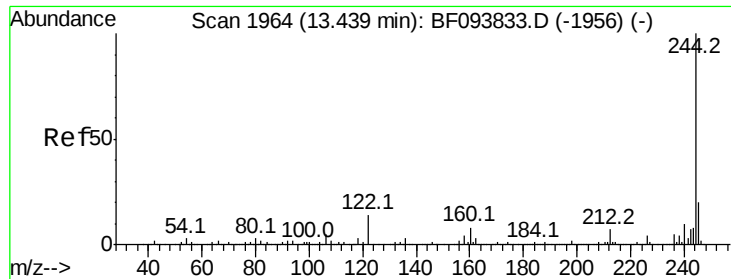


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

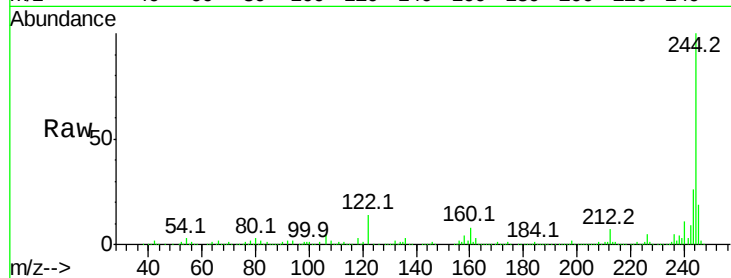




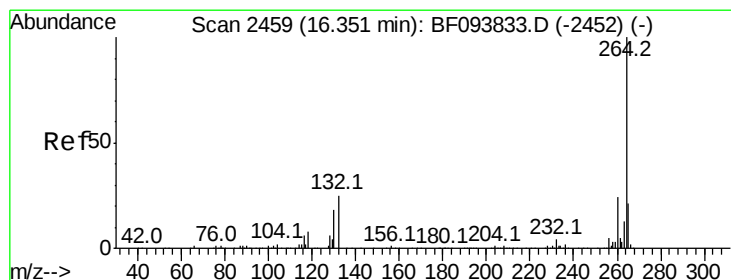
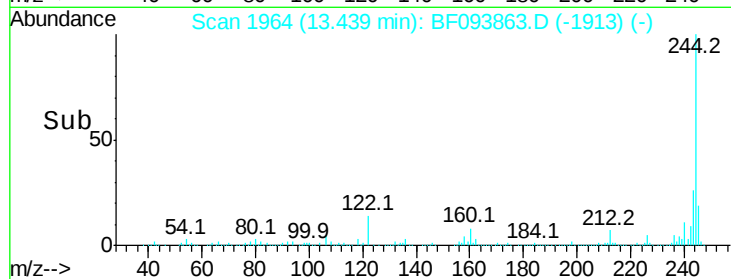
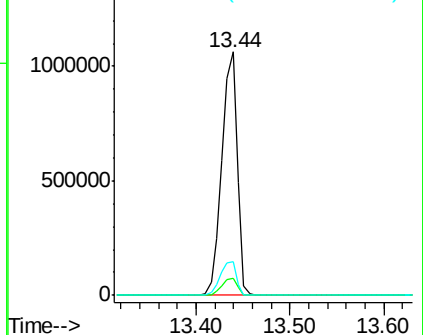
#78
 Terphenyl-d14
 Concen: 57.84 ng
 RT: 13.44 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: BF093863.D
 Acq: 23 Mar 2017 5:50

Instrument :
 BNA_F
 ClientSampleId :
 E2-Q14-BASE-D

Tot Ion:244 Resp: 1223560
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 13.7 10.3 15.5

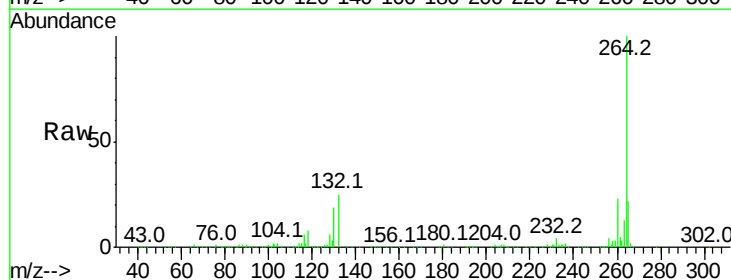


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.34 min Scan# 2458
 Delta R.T. -0.01 min
 Lab File: BF093863.D
 Acq: 23 Mar 2017 5:50

Tgt Ion:264 Resp: 337396
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 21.8 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

