

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
 Data File : BF094005.D
 Acq On : 28 Mar 2017 21:03
 Operator : SJ/MA
 Sample : I2421-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HHD-GW1

Quant Time: Mar 29 03:56:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

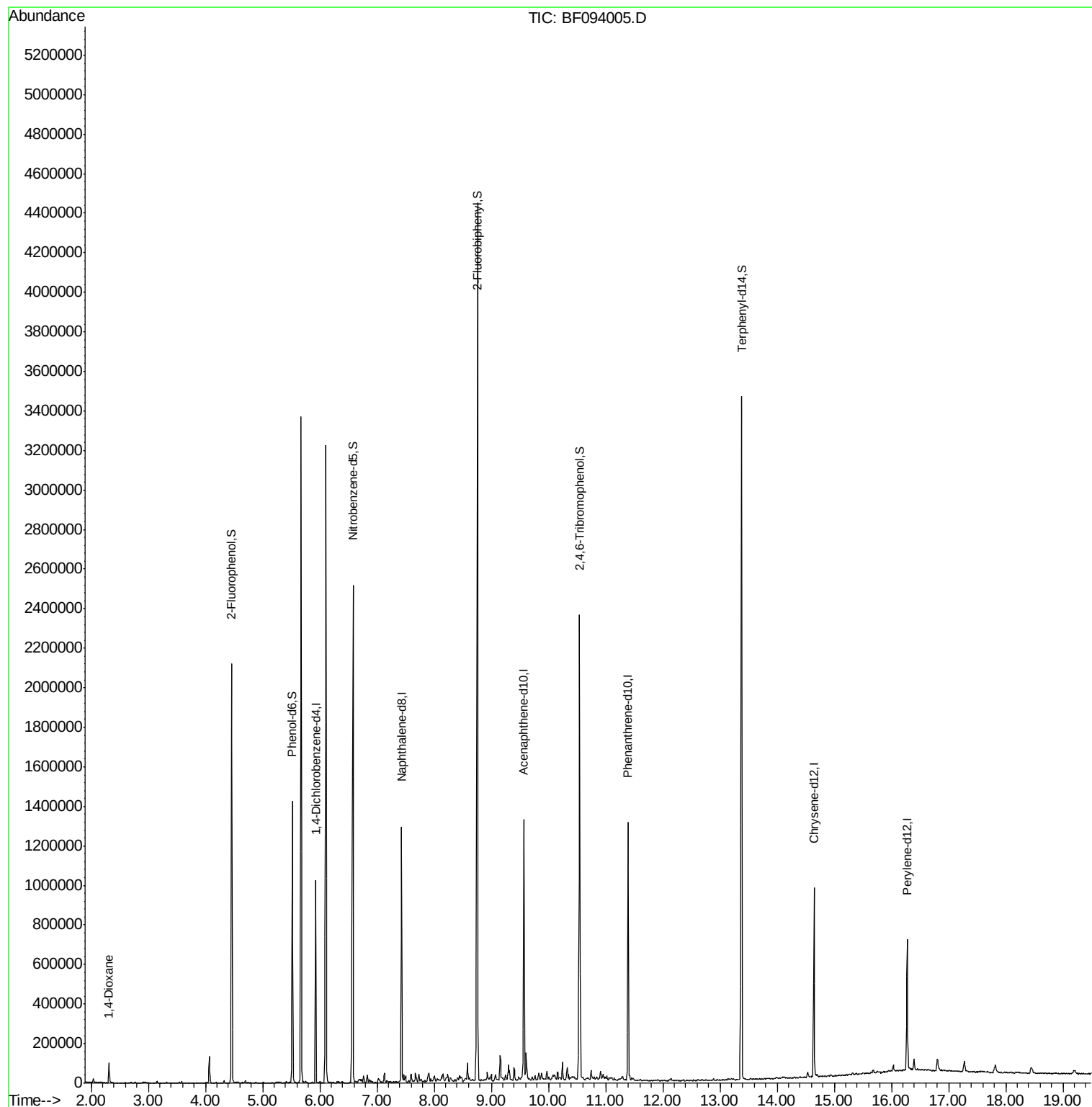
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.93	152	165706	20.00	ng	-0.02
21) Naphthalene-d8	7.43	136	668035	20.00	ng	-0.03
38) Acenaphthene-d10	9.57	164	309532	20.00	ng	-0.03
63) Phenanthrene-d10	11.39	188	524939	20.00	ng	-0.03
75) Chrysene-d12	14.64	240	370211	20.00	ng	-0.04
86) Perylene-d12	16.27	264	267120	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	4.46	112	626499	63.86	ng	-0.02
7) Phenol-d6	5.52	99	491081	40.46	ng	-0.03
23) Nitrobenzene-d5	6.58	82	1061503	90.68	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	365546	149.45	ng	-0.02
44) 2-Fluorobiphenyl	8.76	172	1919101	94.57	ng	-0.02
78) Terphenyl-d14	13.38	244	1401553	84.86	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	2.31	88	41951	8.90	ng	Qvalue 98

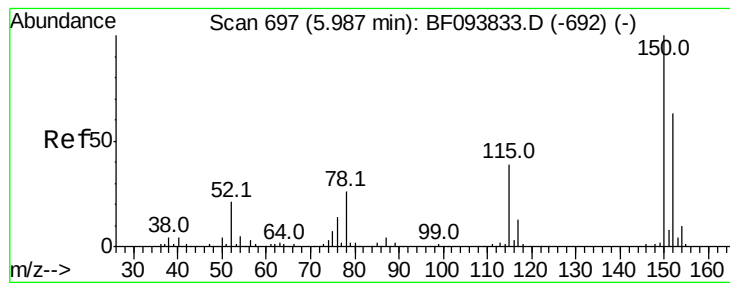
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.93 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF094005.D

Acq: 28 Mar 2017 21:03

Instrument :

BNA_F

ClientSampleId :

HHD-GW1

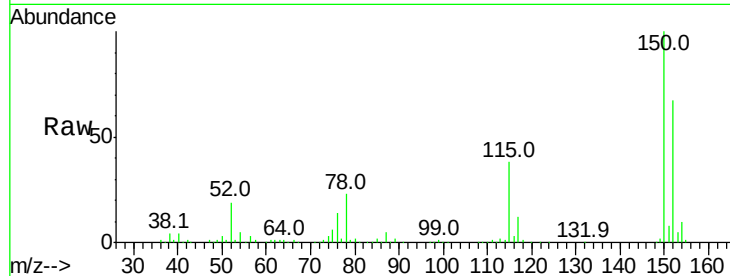
Tot Ion:152 Resp: 165706

Ion Ratio Lower Upper

152 100

150 149.5 126.2 189.2

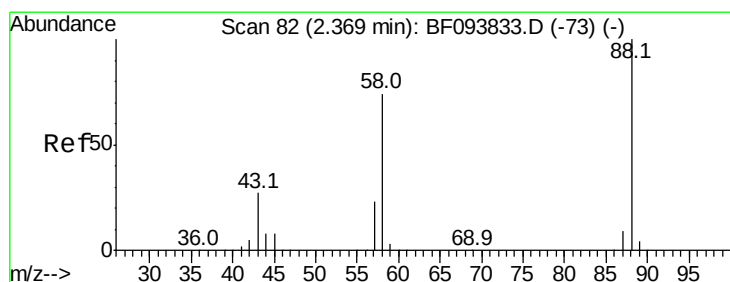
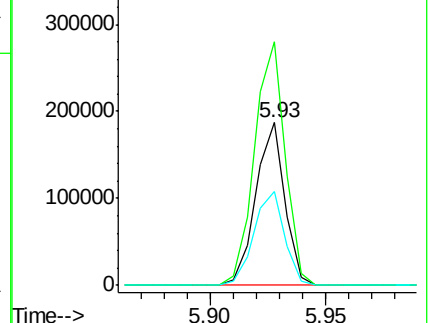
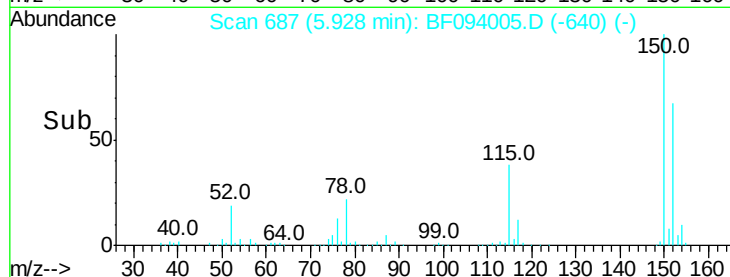
115 57.4 52.2 78.2



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



#2

1,4-Dioxane

Concen: 8.90 ng

RT: 2.31 min Scan# 72

Delta R.T. -0.01 min

Lab File: BF094005.D

Acq: 28 Mar 2017 21:03

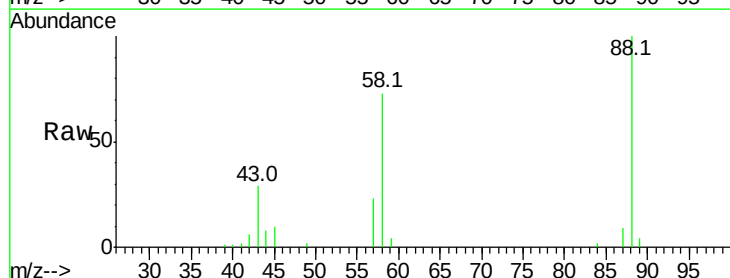
Tgt Ion: 88 Resp: 41951

Ion Ratio Lower Upper

88 100

58 74.6 61.4 92.0

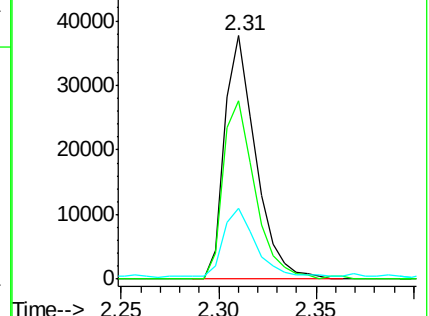
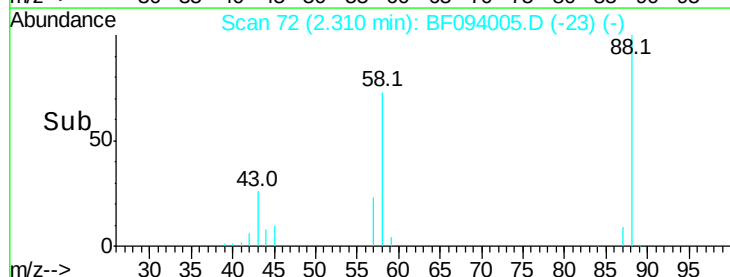
43 28.8 23.4 35.0

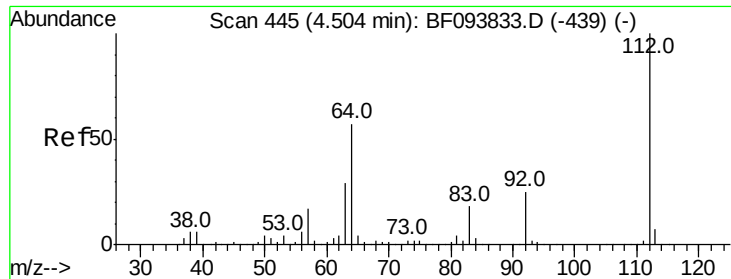


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 63.86 ng

RT: 4.46 min Scan# 437

Delta R.T. -0.02 min

Lab File: BF094005.D

Acq: 28 Mar 2017 21:03

Instrument :

BNA_F

ClientSampleId :

HHD-GW1

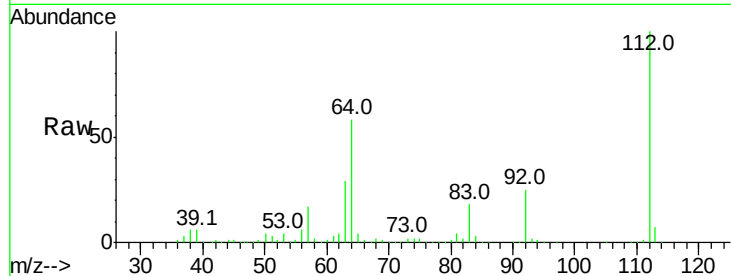
Tot Ion:112 Resp: 626499

Ion Ratio Lower Upper

112 100

64 58.0 46.0 69.0

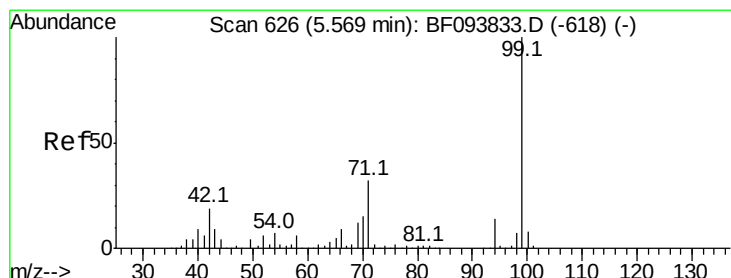
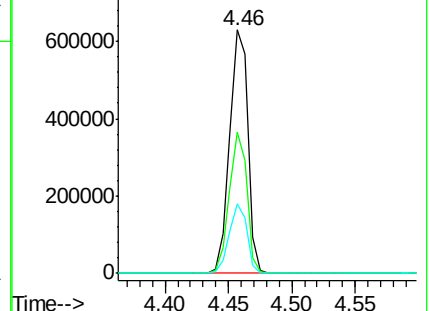
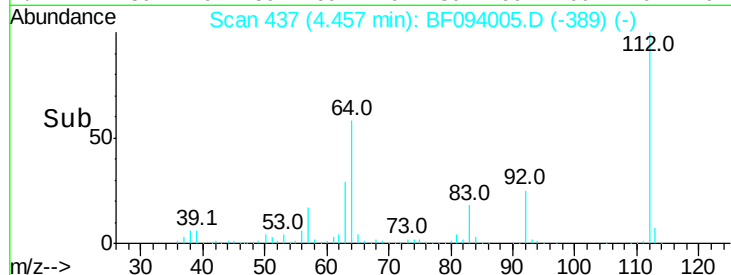
63 28.8 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 40.46 ng

RT: 5.52 min Scan# 618

Delta R.T. -0.03 min

Lab File: BF094005.D

Acq: 28 Mar 2017 21:03

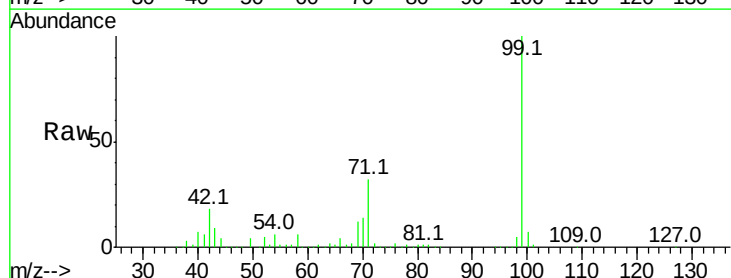
Tgt Ion: 99 Resp: 491081

Ion Ratio Lower Upper

99 100

42 17.5 13.5 20.3

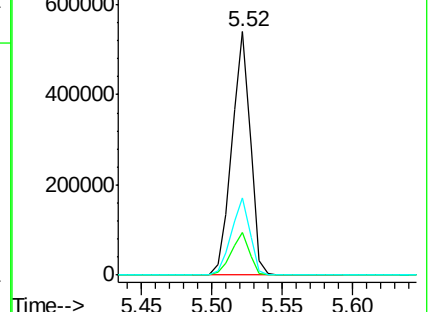
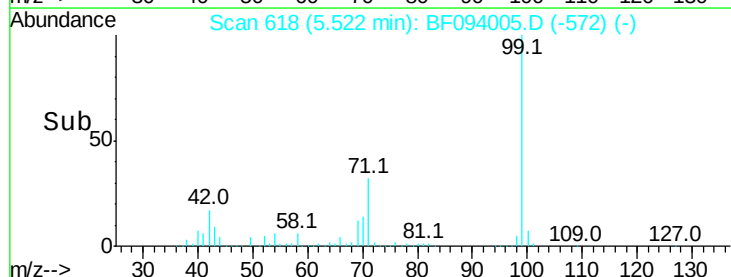
71 31.6 24.5 36.7

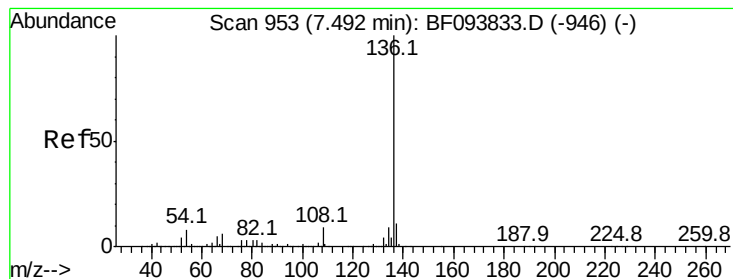


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.43 min Scan# 942

Delta R.T. -0.03 min

Lab File: BF094005.D

Acq: 28 Mar 2017 21:03

Instrument :

BNA_F

ClientSampleId :

HHD-GW1

Tot Ion:136 Resp: 668035

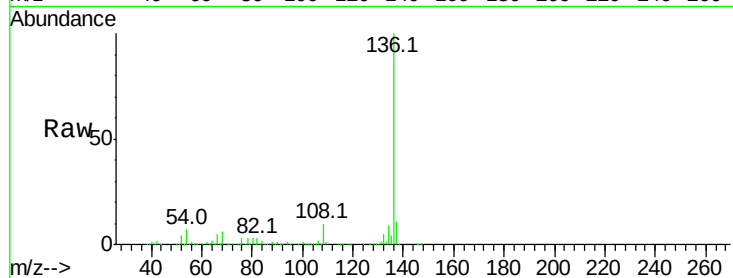
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.3 4.9 7.3

68 6.1 4.1 6.1

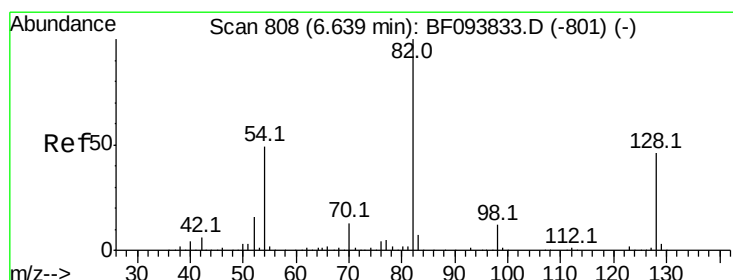
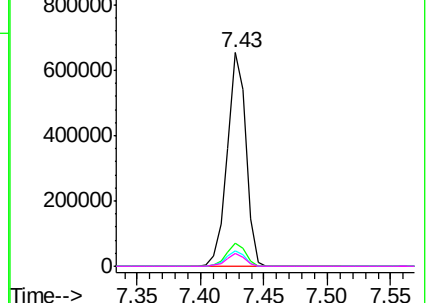
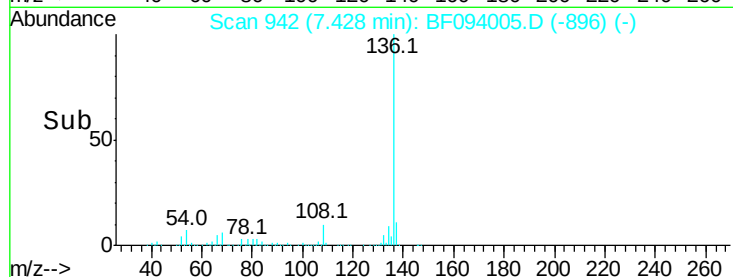


Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.68 ng

RT: 6.58 min Scan# 798

Delta R.T. -0.02 min

Lab File: BF094005.D

Acq: 28 Mar 2017 21:03

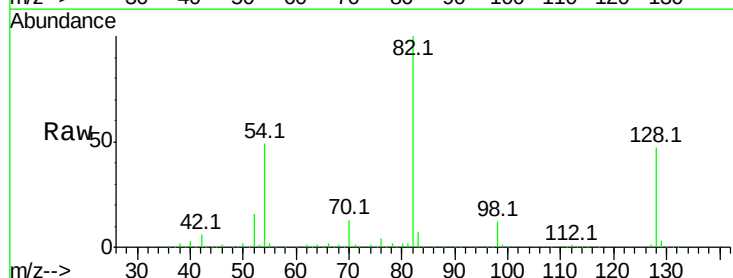
Tgt Ion: 82 Resp: 1061503

Ion Ratio Lower Upper

82 100

128 47.4 34.0 51.0

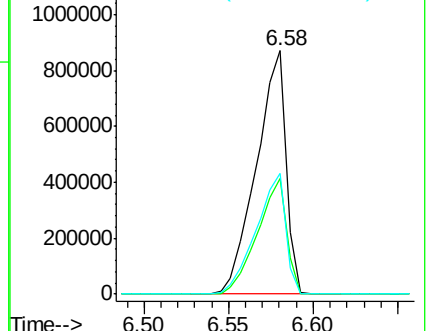
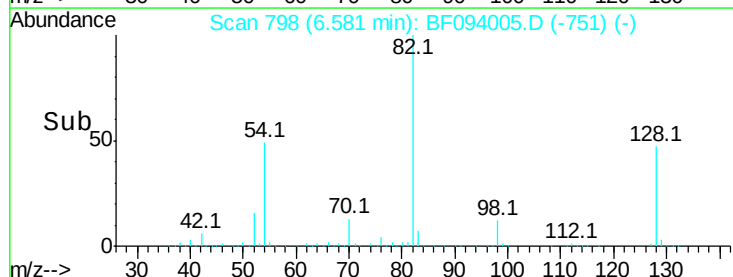
54 49.3 42.2 63.2

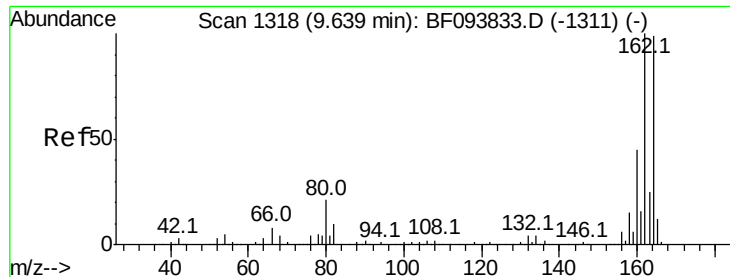


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.57 min Scan# 1306

Delta R.T. -0.03 min

Lab File: BF094005.D

Acq: 28 Mar 2017 21:03

Instrument :

BNA_F

ClientSampleId :

HHD-GW1

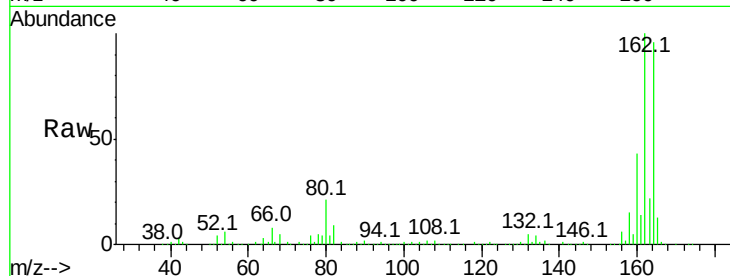
Tot Ion:164 Resp: 309532

Ion Ratio Lower Upper

164 100

162 104.3 82.6 123.8

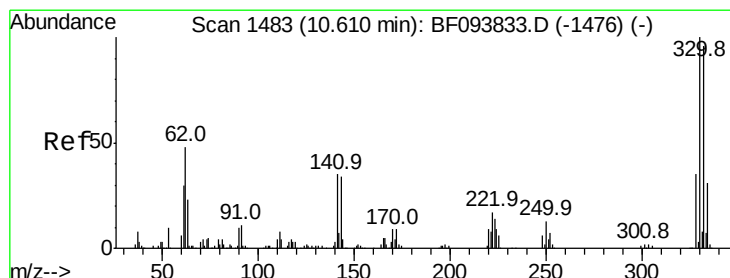
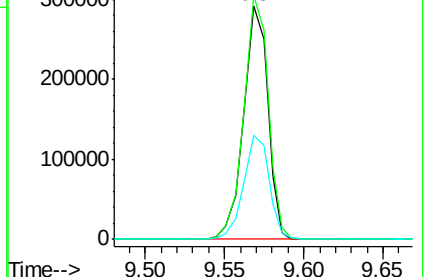
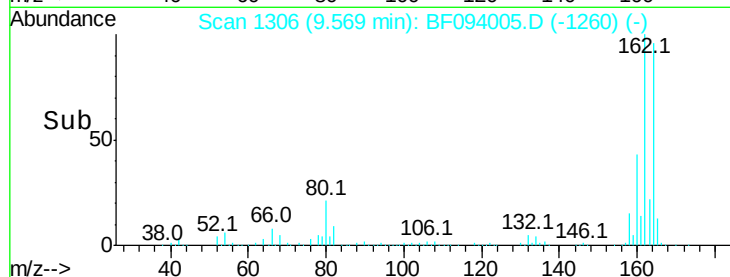
160 44.8 36.2 54.2



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: 149.45 ng

RT: 10.55 min Scan# 1473

Delta R.T. -0.02 min

Lab File: BF094005.D

Acq: 28 Mar 2017 21:03

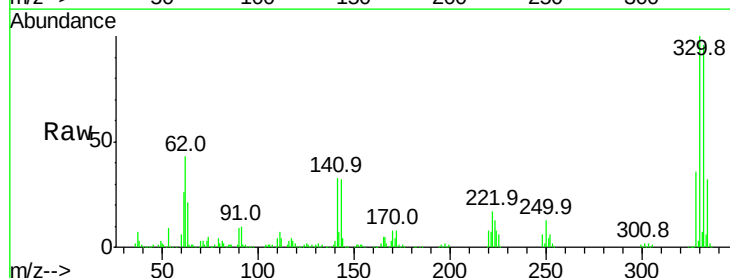
Tgt Ion:330 Resp: 365546

Ion Ratio Lower Upper

330 100

332 94.8 76.6 115.0

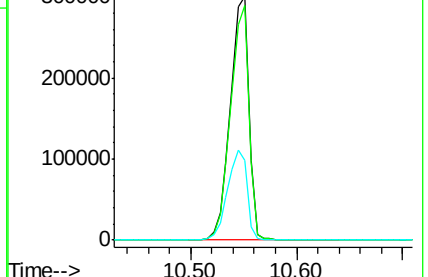
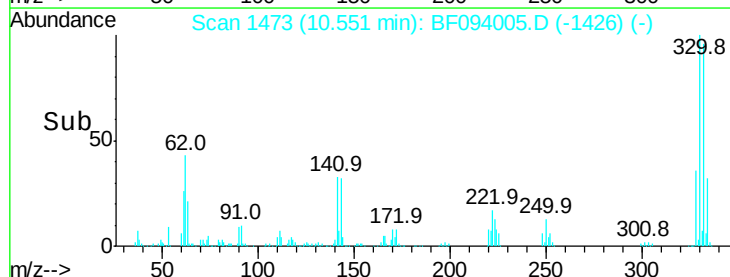
141 38.7 31.4 47.2

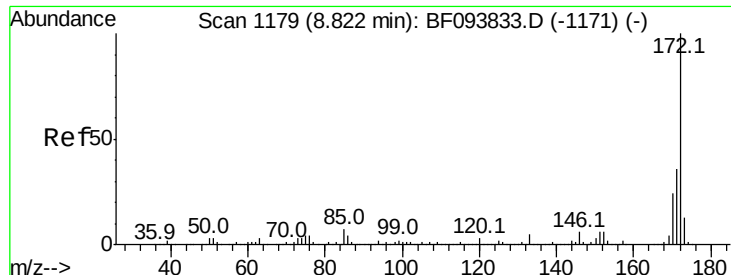


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

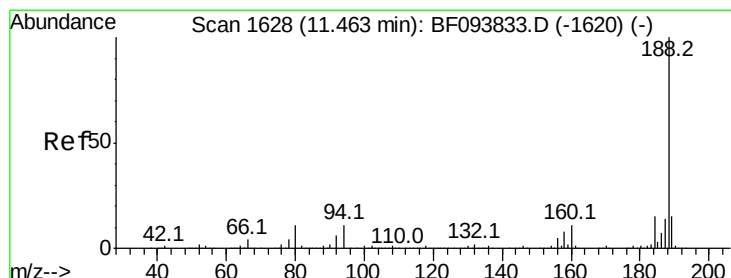
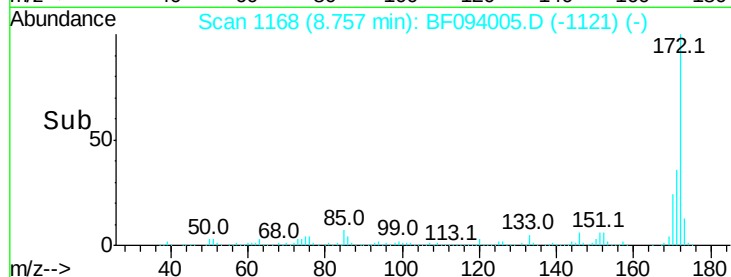
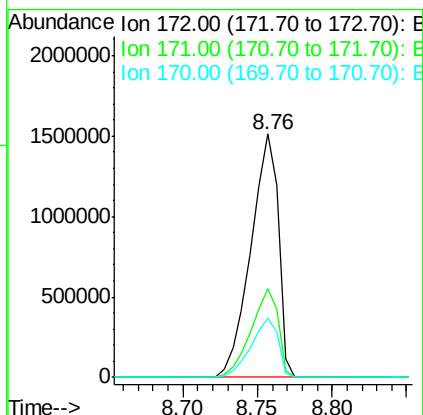
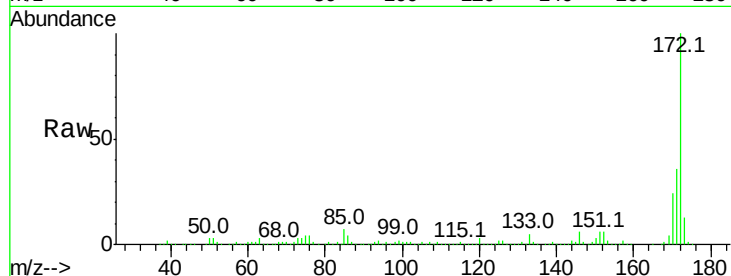




#44
2-Fluorobiphenyl
Concen: 94.57 ng
RT: 8.76 min Scan# 1168
Delta R.T. -0.02 min
Lab File: BF094005.D
Acq: 28 Mar 2017 21:03

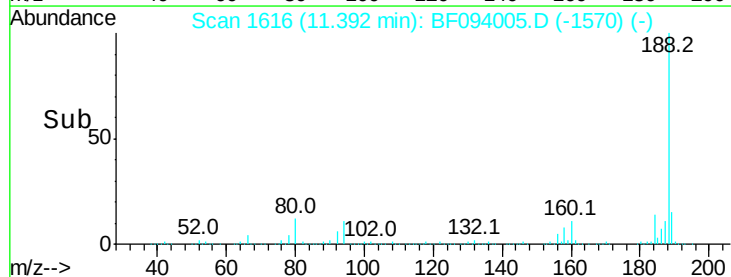
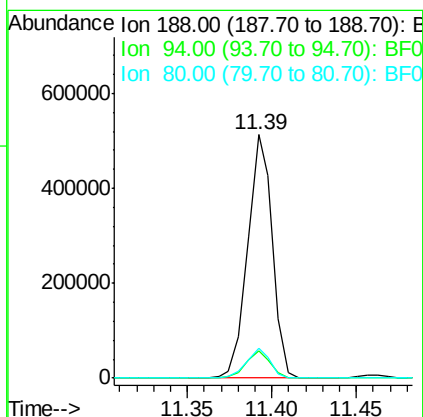
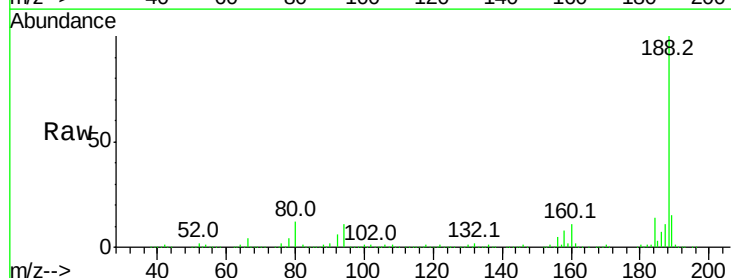
Instrument :
BNA_F
ClientSampleId :
HHD-GW1

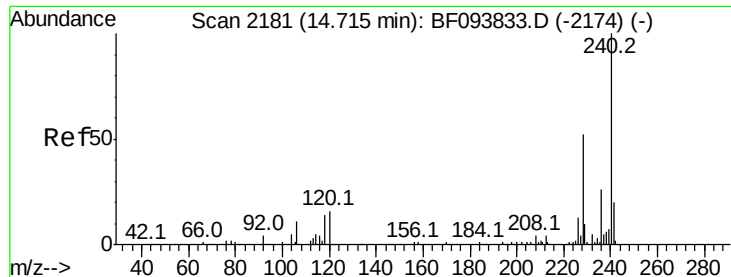
Tot Ion:172 Resp: 1919101
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 24.3 19.8 29.8



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1616
Delta R.T. -0.03 min
Lab File: BF094005.D
Acq: 28 Mar 2017 21:03

Tgt Ion:188 Resp: 524939
Ion Ratio Lower Upper
188 100
94 11.3 9.4 14.2
80 12.2 10.2 15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.64 min Scan# 2169

Delta R.T. -0.04 min

Lab File: BF094005.D

Acq: 28 Mar 2017 21:03

Instrument :

BNA_F

ClientSampleId :

HHD-GW1

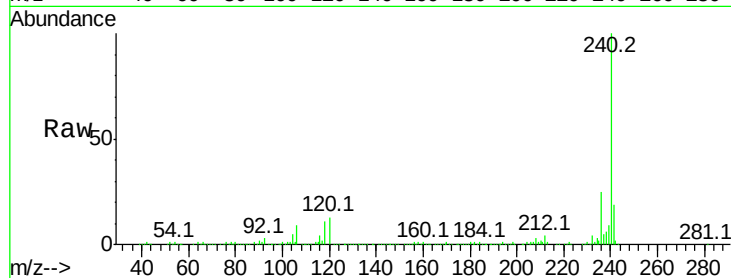
Tot Ion:240 Resp: 370211

Ion Ratio Lower Upper

240 100

120 13.3 5.8 8.8#

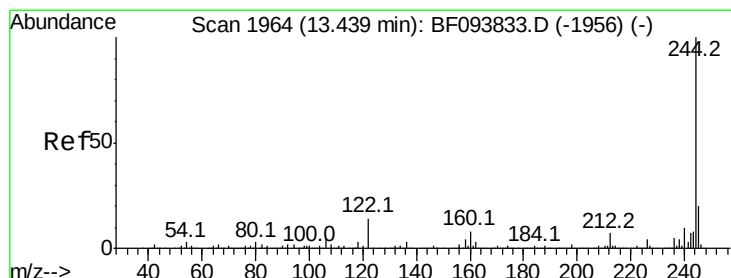
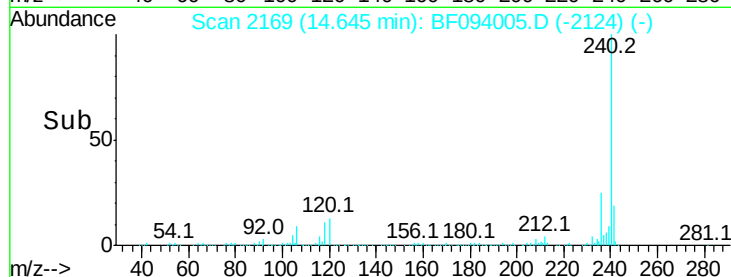
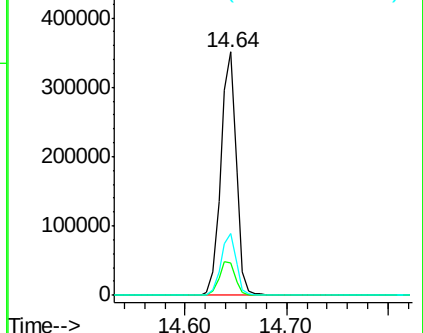
236 25.4 20.5 30.7



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: 84.86 ng

RT: 13.38 min Scan# 1954

Delta R.T. -0.02 min

Lab File: BF094005.D

Acq: 28 Mar 2017 21:03

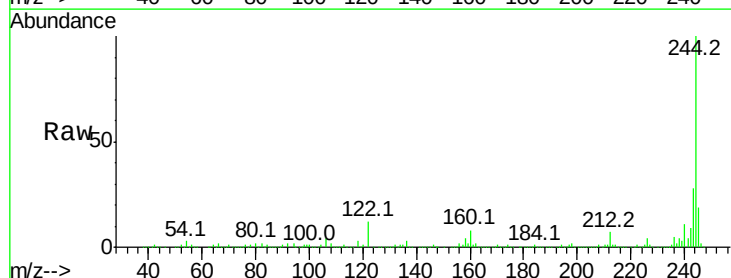
Tgt Ion:244 Resp: 1401553

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

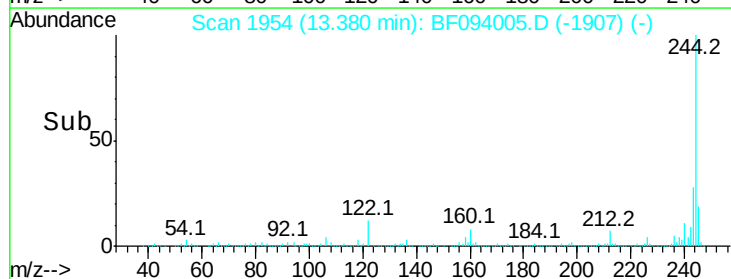
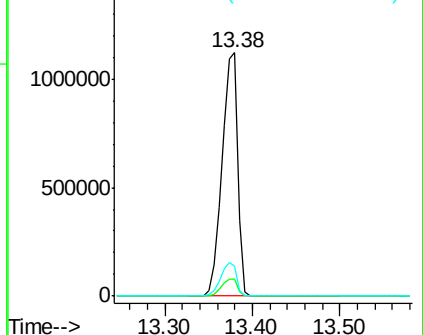
122 12.5 10.3 15.5

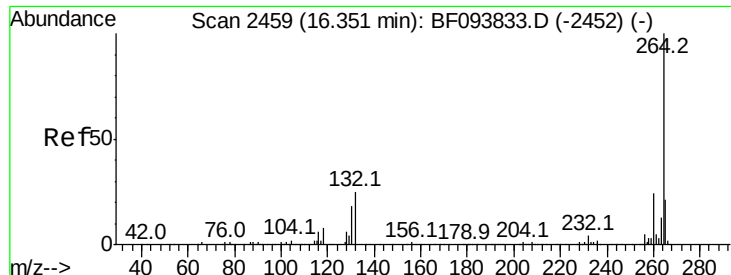


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

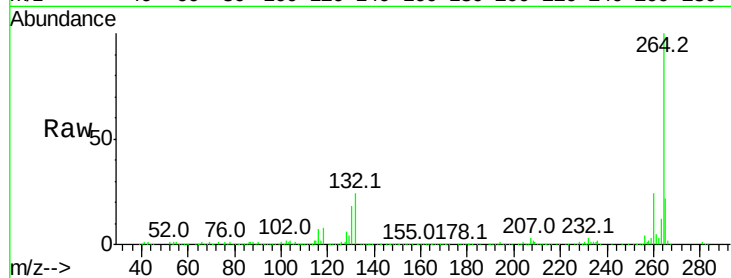




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.27 min Scan# 2446
 Delta R.T. -0.04 min
 Lab File: BF094005.D
 Acq: 28 Mar 2017 21:03

Instrument :
 BNA_F
 ClientSampleId :
 HHD-GW1

Tot Ion:	264	Resp:	267120
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.9	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

