

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041117\
 Data File : BF094357.D
 Acq On : 11 Apr 2017 18:29
 Operator : SJ/MA
 Sample : I2620-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D004-D005-D006

Quant Time: Apr 12 01:22:03 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

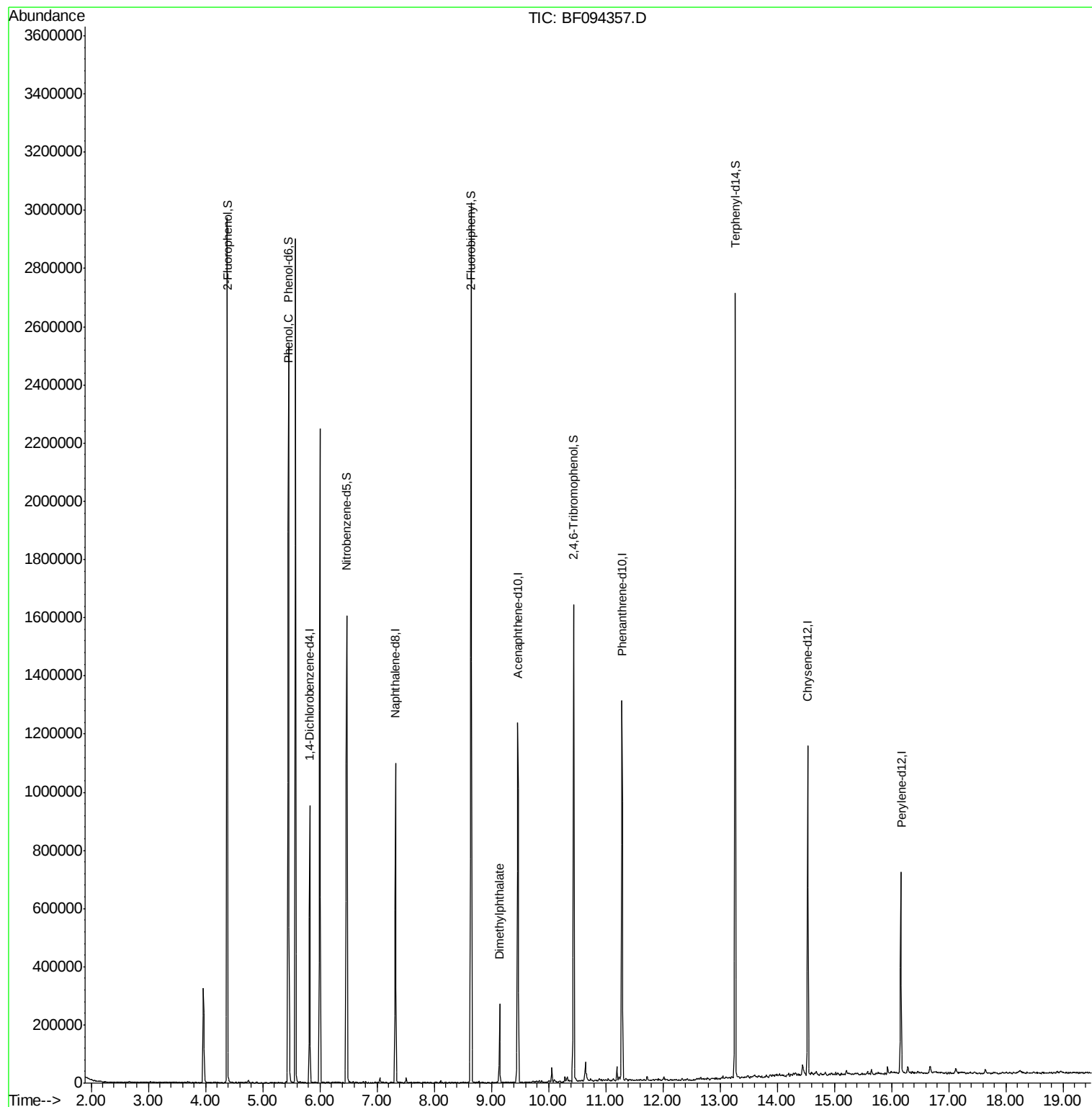
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.82	152	150736	20.00	ng	-0.04
21) Naphthalene-d8	7.32	136	609714	20.00	ng	-0.04
38) Acenaphthene-d10	9.46	164	284112	20.00	ng	-0.04
63) Phenanthrene-d10	11.29	188	510035	20.00	ng	-0.04
75) Chrysene-d12	14.54	240	410744	20.00	ng	-0.04
86) Perylene-d12	16.17	264	275775	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.38	112	868915	97.36	ng	0.00
7) Phenol-d6	5.45	99	1104509	100.04	ng	-0.01
23) Nitrobenzene-d5	6.47	82	676374	63.31	ng	-0.04
41) 2,4,6-Tribromophenol	10.45	330	217704	96.97	ng	-0.03
44) 2-Fluorobiphenyl	8.65	172	1201971	64.53	ng	-0.04
78) Terphenyl-d14	13.27	244	998185	54.47	ng	-0.03
Target Compounds						
10) Phenol	5.46	94	72463	5.77	ng	92
49) Dimethylphthalate	9.15	163	115188	5.70	ng	97

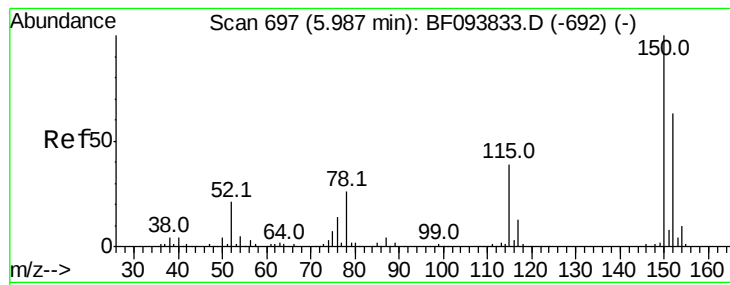
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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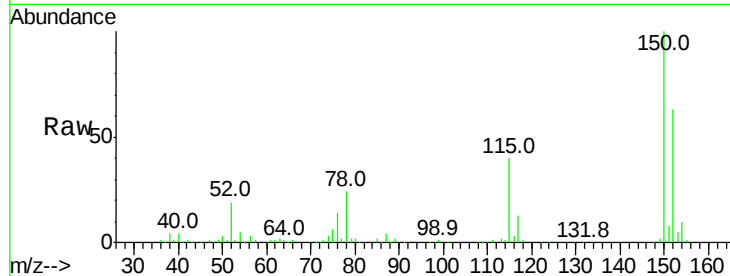


#1

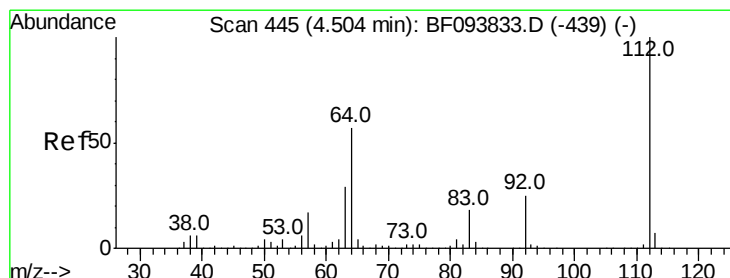
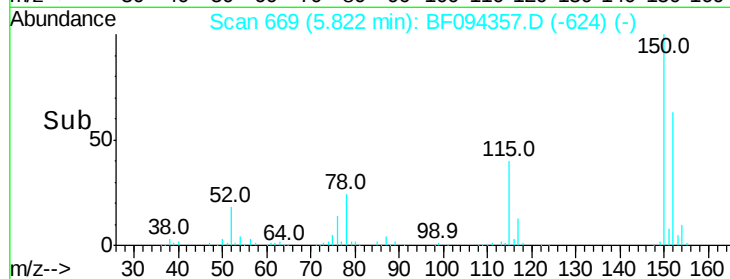
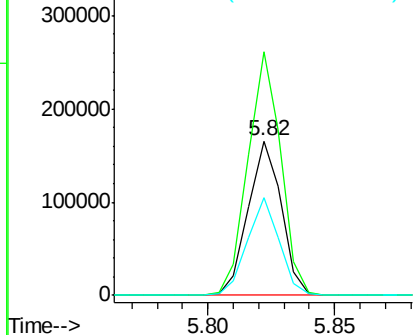
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.82 min Scan# 669
 Delta R.T. -0.04 min
 Lab File: BF094357.D
 Acq: 11 Apr 2017 18:29

Instrument :
 BNA_F
 ClientSampleId :
 D004-D005-D006

Tot Ion:152 Resp: 150736
 Ion Ratio Lower Upper
 152 100
 150 157.5 126.2 189.2
 115 63.2 52.2 78.2



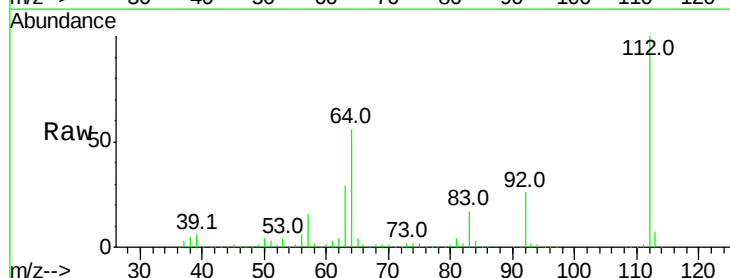
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



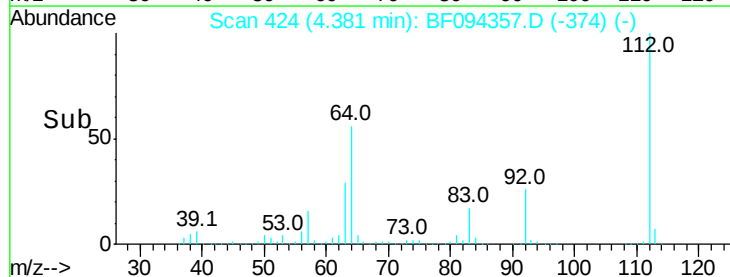
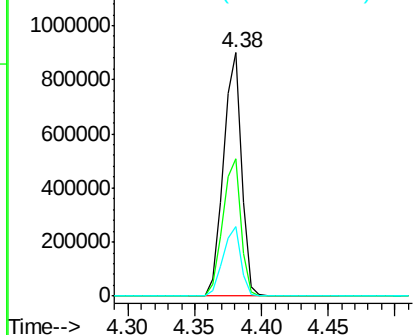
#5

2-Fluorophenol
 Concen: 97.36 ng
 RT: 4.38 min Scan# 424
 Delta R.T. -0.01 min
 Lab File: BF094357.D
 Acq: 11 Apr 2017 18:29

Tgt Ion:112 Resp: 868915
 Ion Ratio Lower Upper
 112 100
 64 56.2 46.0 69.0
 63 28.5 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: 100.04 ng

RT: 5.45 min Scan# 606

Delta R.T. -0.01 min

Lab File: BF094357.D

Acq: 11 Apr 2017 18:29

Instrument :

BNA_F

ClientSampleId :

D004-D005-D006

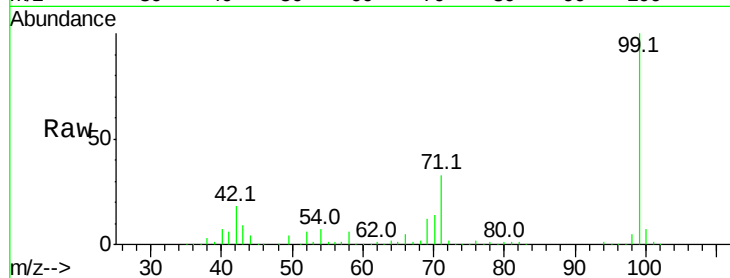
Tot Ion: 99 Resp: 1104509

Ion Ratio Lower Upper

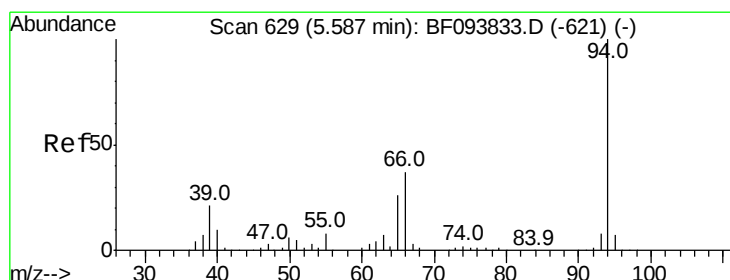
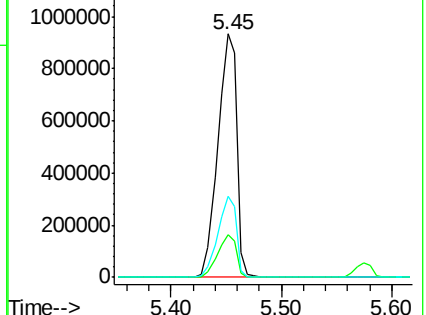
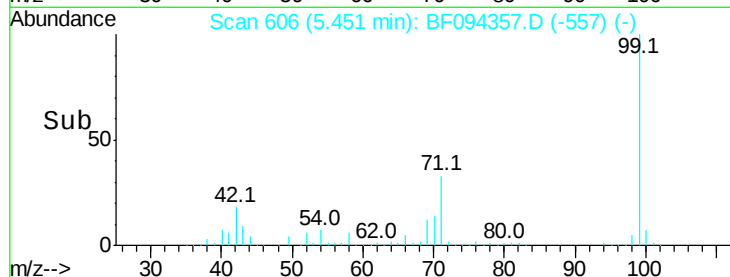
99 100

42 17.7 13.5 20.3

71 33.4 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: 5.77 ng

RT: 5.46 min Scan# 608

Delta R.T. -0.02 min

Lab File: BF094357.D

Acq: 11 Apr 2017 18:29

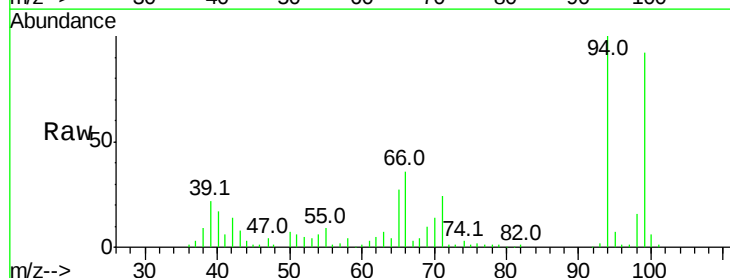
Tgt Ion: 94 Resp: 72463

Ion Ratio Lower Upper

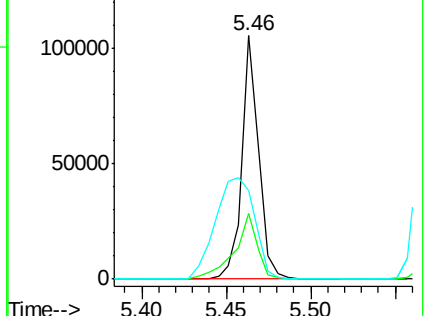
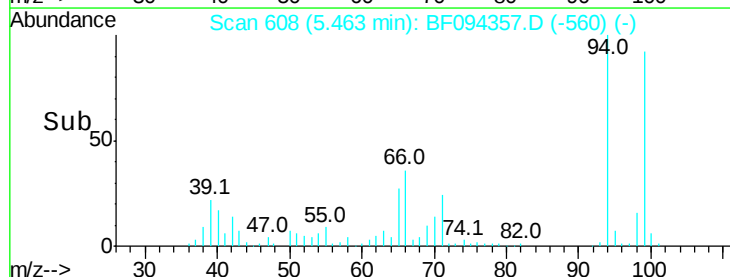
94 100

65 27.2 9.9 49.9

66 36.3 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: 7.32 min Scan# 924

Delta R.T. -0.04 min

Lab File: BF094357.D

Acq: 11 Apr 2017 18:29

Instrument :

BNA_F

ClientSampleId :

D004-D005-D006

Tot Ion:136 Resp: 609714

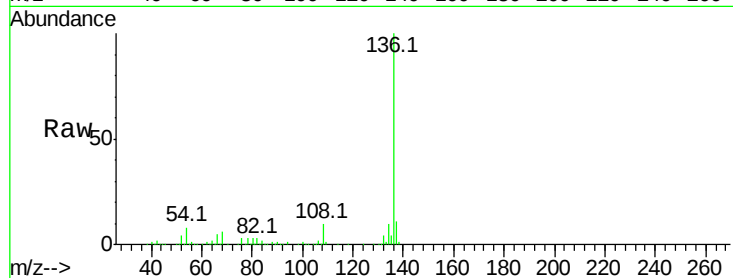
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 7.6 4.9 7.3#

68 5.8 4.1 6.1

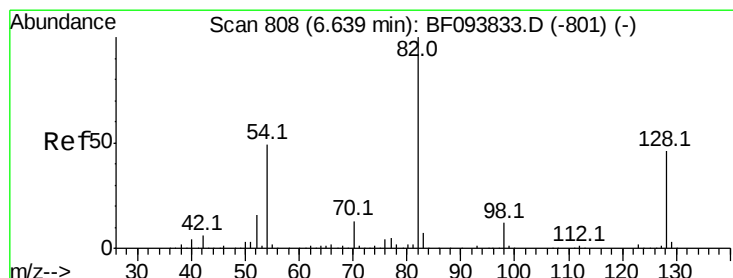
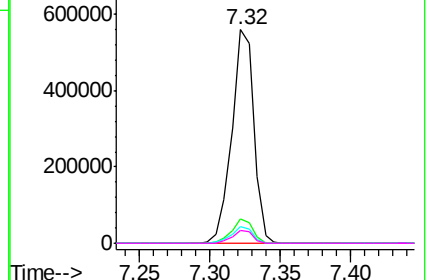
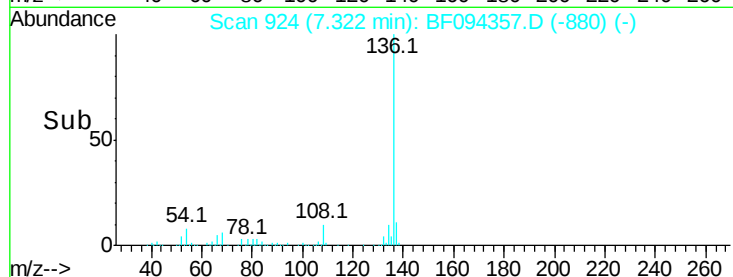


Abundance Ion 136.00 (135.70 to 136.70): E

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: 63.31 ng

RT: 6.47 min Scan# 779

Delta R.T. -0.04 min

Lab File: BF094357.D

Acq: 11 Apr 2017 18:29

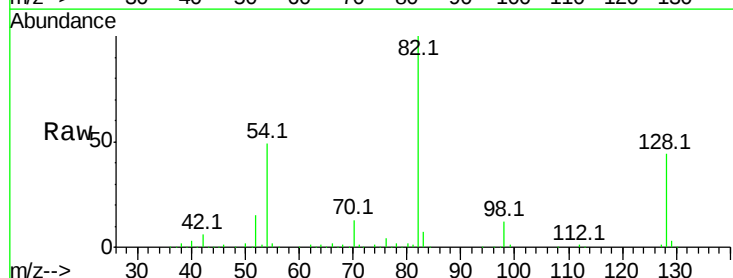
Tgt Ion: 82 Resp: 676374

Ion Ratio Lower Upper

82 100

128 44.5 34.0 51.0

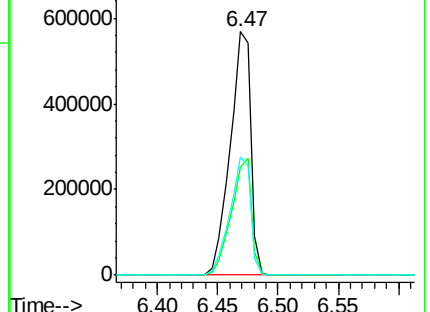
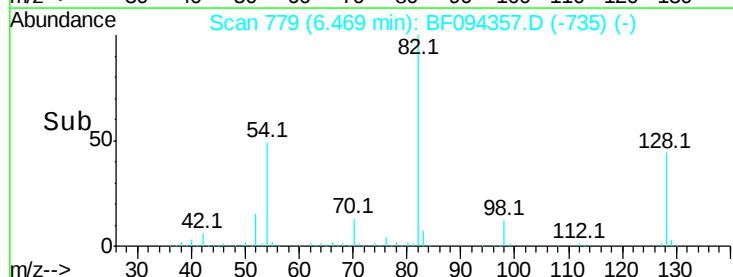
54 48.8 42.2 63.2



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

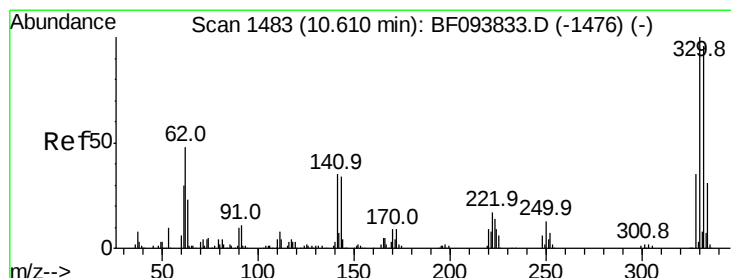
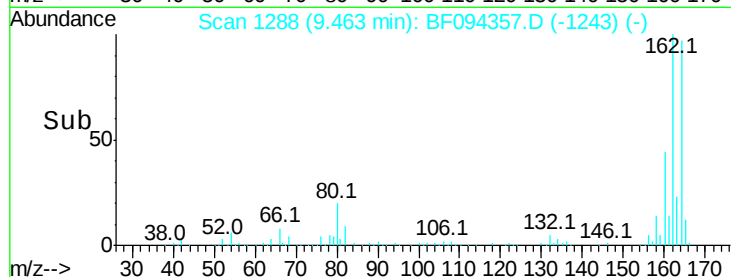
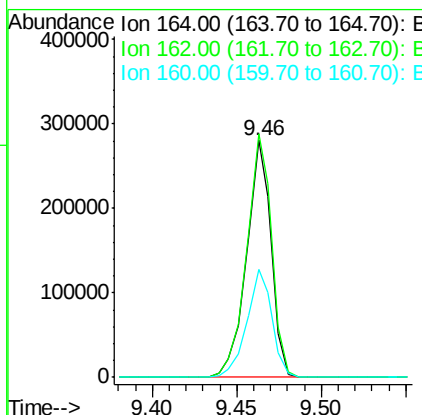
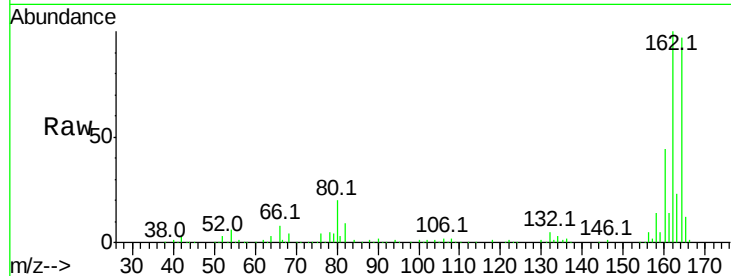




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.46 min Scan# 1288
Delta R.T. -0.04 min
Lab File: BF094357.D
Acq: 11 Apr 2017 18:29

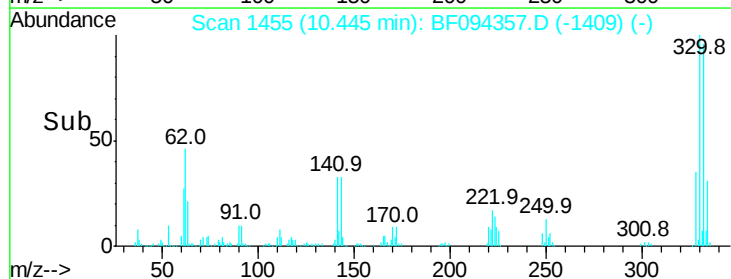
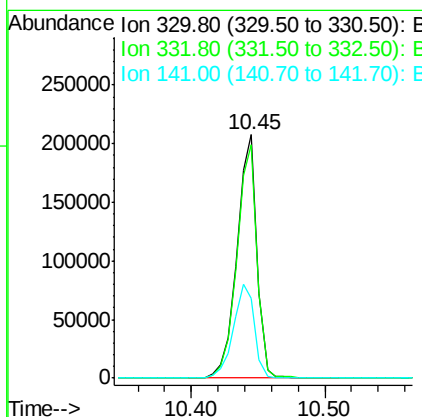
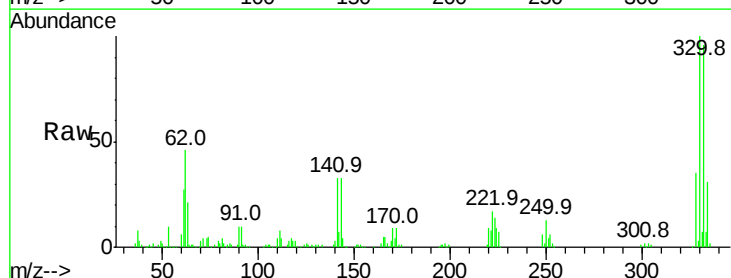
Instrument :
BNA_F
ClientSampleId :
D004-D005-D006

Tot Ion:164 Resp: 284112
Ion Ratio Lower Upper
164 100
162 102.9 82.6 123.8
160 45.6 36.2 54.2



#41
2,4,6-Tribromophenol
Concen: 96.97 ng
RT: 10.45 min Scan# 1455
Delta R.T. -0.03 min
Lab File: BF094357.D
Acq: 11 Apr 2017 18:29

Tgt Ion:330 Resp: 217704
Ion Ratio Lower Upper
330 100
332 96.9 76.6 115.0
141 40.7 31.4 47.2

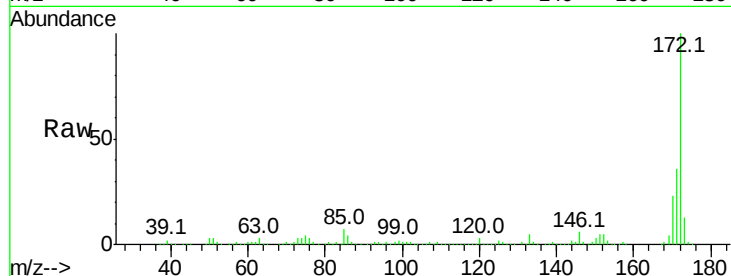




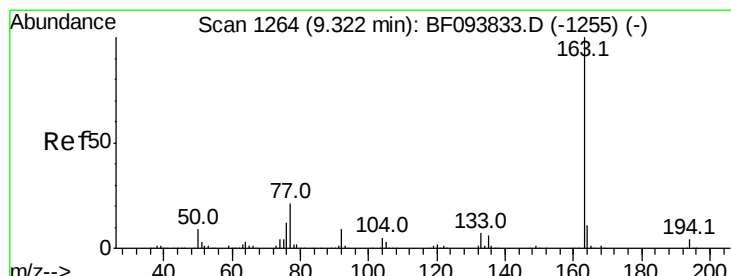
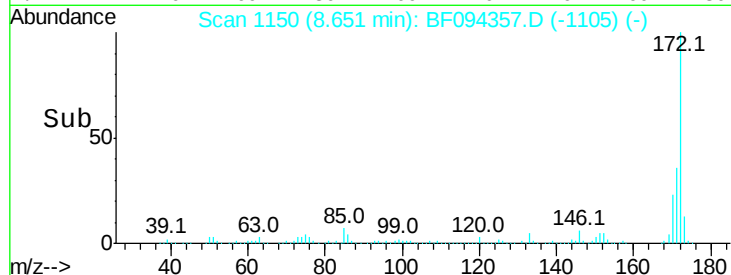
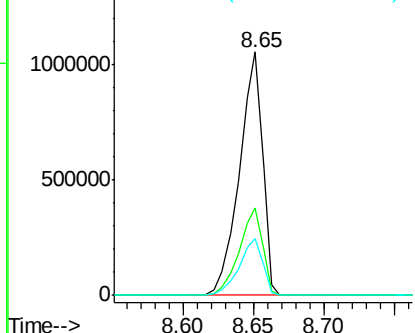
#44
2-Fluorobiphenyl
Concen: 64.53 ng
RT: 8.65 min Scan# 1150
Delta R.T. -0.04 min
Lab File: BF094357.D
Acq: 11 Apr 2017 18:29

Instrument :
BNA_F
ClientSampleId :
D004-D005-D006

Tot Ion:172 Resp: 1201971
Ion Ratio Lower Upper
172 100
171 35.9 29.6 44.4
170 23.4 19.8 29.8

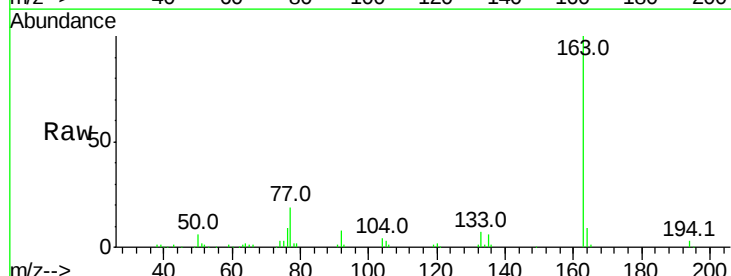


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

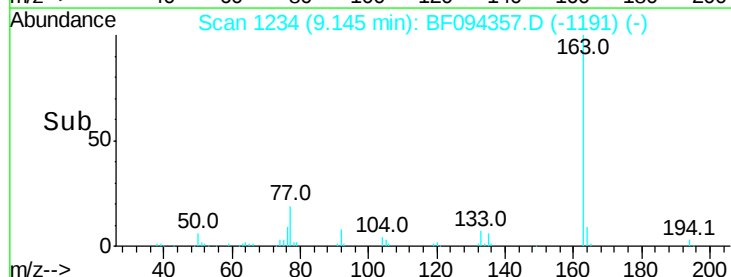
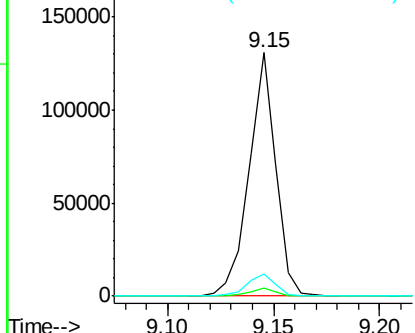


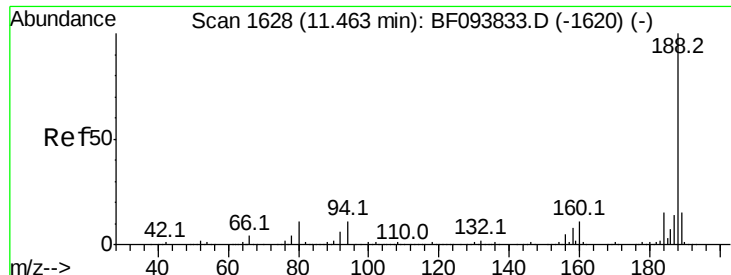
#49
Dimethylphthalate
Concen: 5.70 ng
RT: 9.15 min Scan# 1234
Delta R.T. -0.05 min
Lab File: BF094357.D
Acq: 11 Apr 2017 18:29

Tgt Ion:163 Resp: 115188
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 9.3 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: 11.29 min Scan# 1598

Delta R.T. -0.04 min

Lab File: BF094357.D

Acq: 11 Apr 2017 18:29

Instrument :

BNA_F

ClientSampleId :

D004-D005-D006

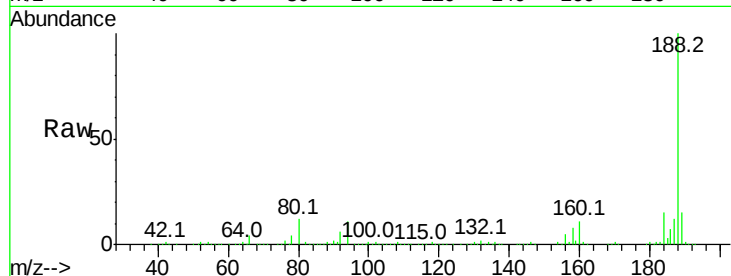
Tot Ion:188 Resp: 510035

Ion Ratio Lower Upper

188 100

94 10.8 9.4 14.2

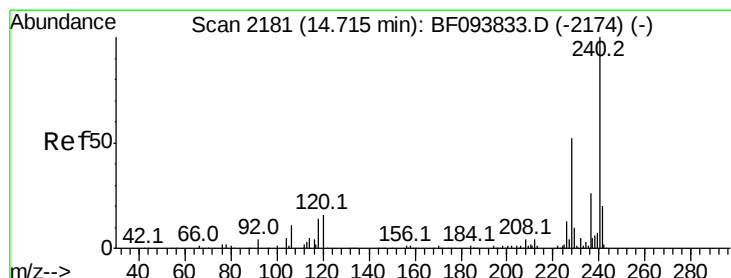
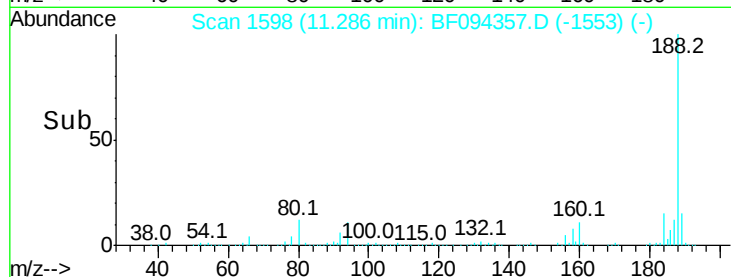
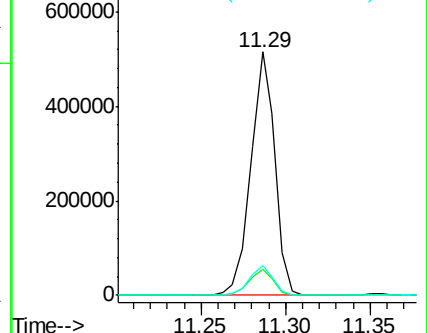
80 12.5 10.2 15.2



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: 14.54 min Scan# 2151

Delta R.T. -0.04 min

Lab File: BF094357.D

Acq: 11 Apr 2017 18:29

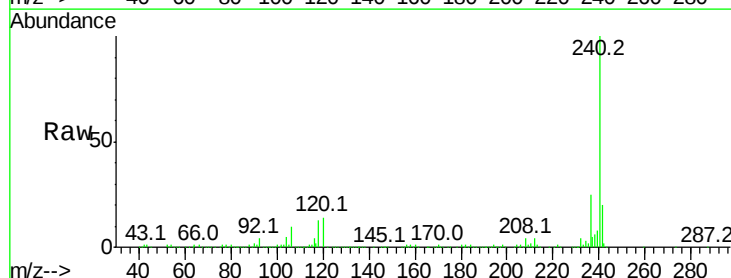
Tgt Ion:240 Resp: 410744

Ion Ratio Lower Upper

240 100

120 14.4 5.8 8.8#

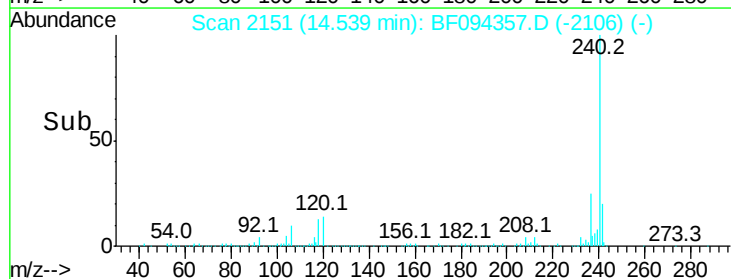
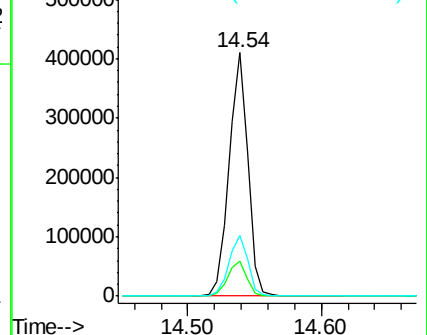
236 24.8 20.5 30.7

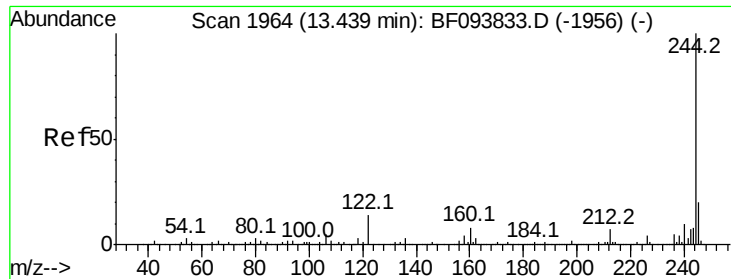


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 54.47 ng

RT: 13.27 min Scan# 1935

Delta R.T. -0.03 min

Lab File: BF094357.D

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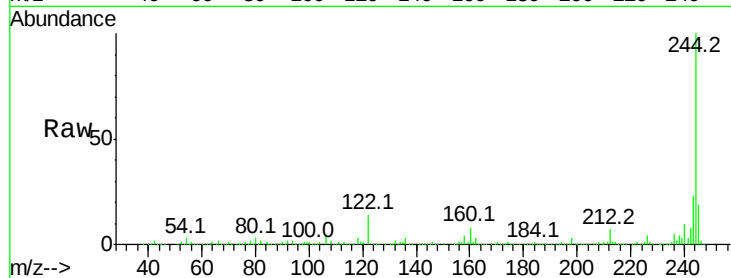
Tot Ion:244 Resp: 998185

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

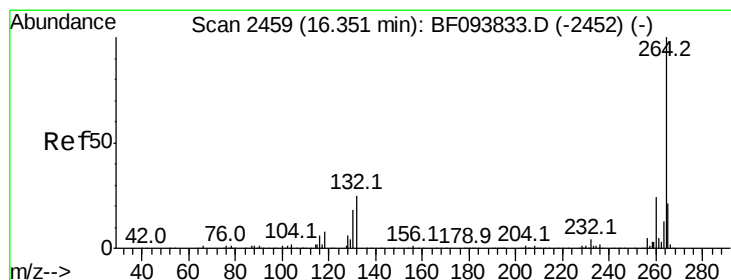
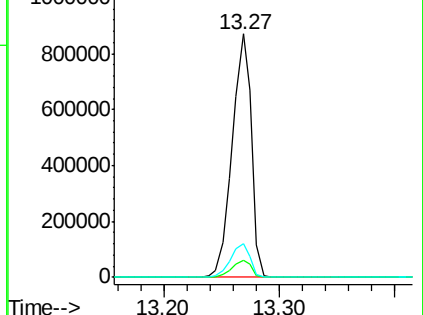
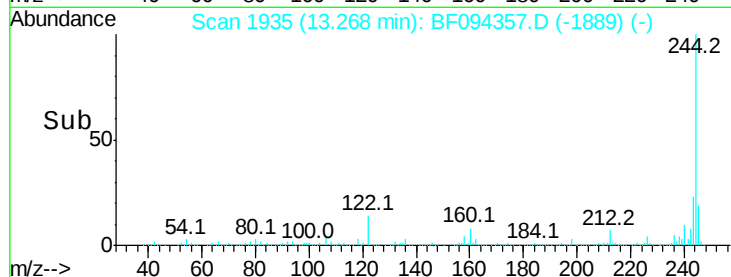
122 14.0 10.3 15.5



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

Perylene-d12

Concen: 20.00 ng

RT: 16.17 min Scan# 2428

Delta R.T. -0.02 min

Lab File: BF094357.D

Acq: 11 Apr 2017 18:29

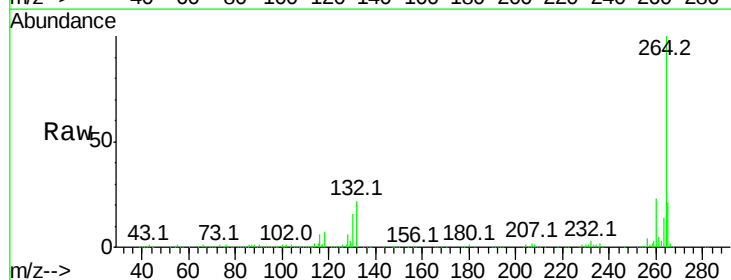
Tgt Ion:264 Resp: 275775

Ion Ratio Lower Upper

264 100

260 23.4 19.5 29.3

265 20.9 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

