

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040517\
 Data File : BF094201.D
 Acq On : 5 Apr 2017 20:43
 Operator : SJ/MA
 Sample : I2523-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BASING-15(0-2)

Quant Time: Apr 06 02:16:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

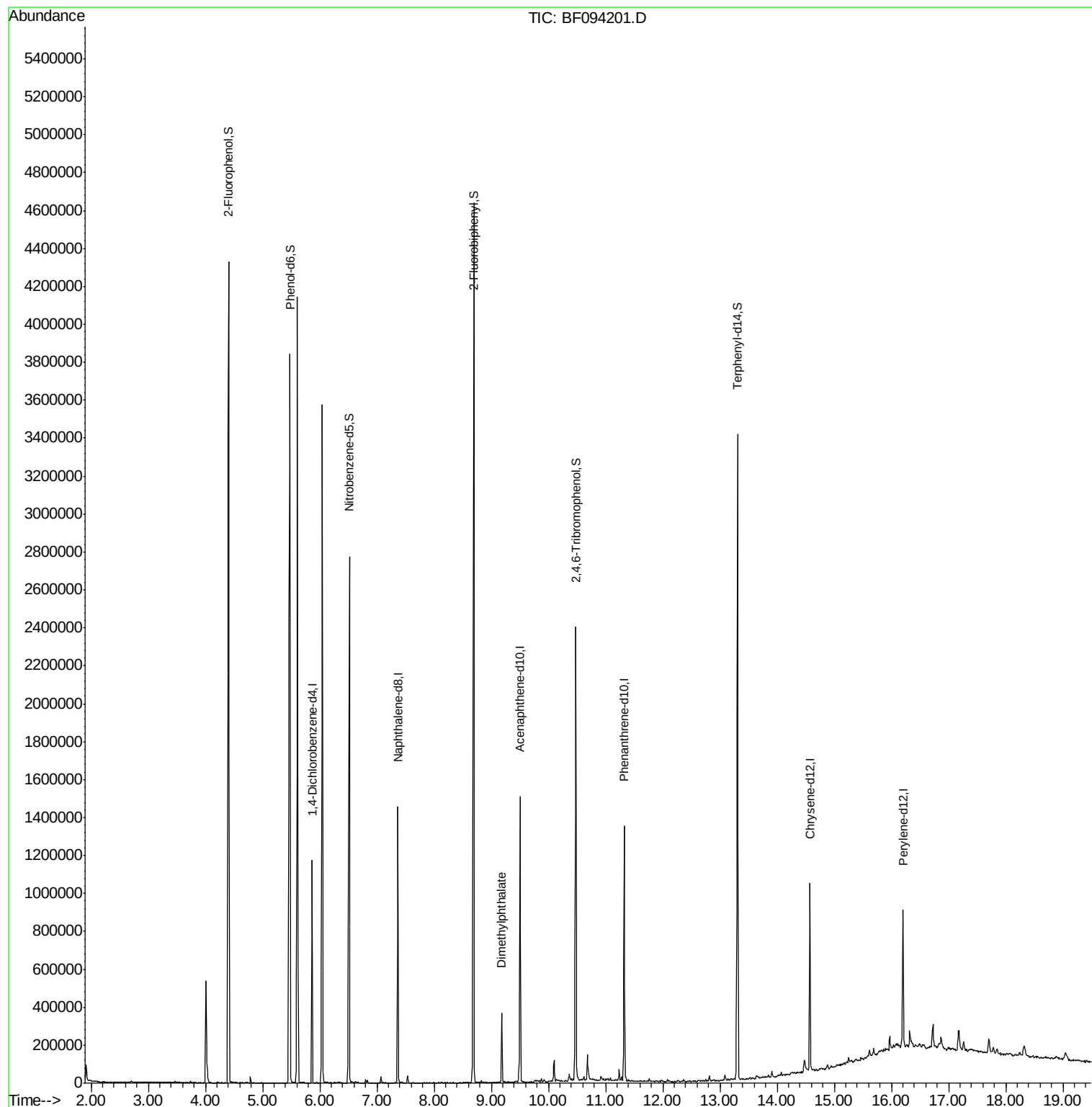
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.86	152	174814	20.00	ng	-0.04
21) Naphthalene-d8	7.36	136	714804	20.00	ng	-0.05
38) Acenaphthene-d10	9.50	164	318822	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	541773	20.00	ng	-0.05
75) Chrysene-d12	14.57	240	363368	20.00	ng	-0.05
86) Perylene-d12	16.20	264	303038	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	1373266	132.68	ng	-0.03
7) Phenol-d6	5.47	99	1782803	139.24	ng	-0.04
23) Nitrobenzene-d5	6.52	82	1110488	88.66	ng	-0.04
41) 2,4,6-Tribromophenol	10.48	330	327206	129.88	ng	-0.04
44) 2-Fluorobiphenyl	8.69	172	1783884	85.34	ng	-0.04
78) Terphenyl-d14	13.31	244	1250061	77.11	ng	-0.04
Target Compounds						
49) Dimethylphthalate	9.18	163	164989	7.28	ng	Qvalue 99

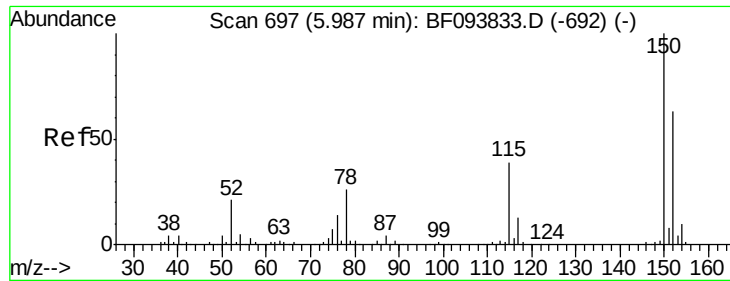
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.86 min Scan# 676

Delta R.T. -0.04 min

Lab File: BF094201.D

Acq: 5 Apr 2017 20:43

Instrument :

BNA_F

ClientSampleId :

BASING-15(0-2)

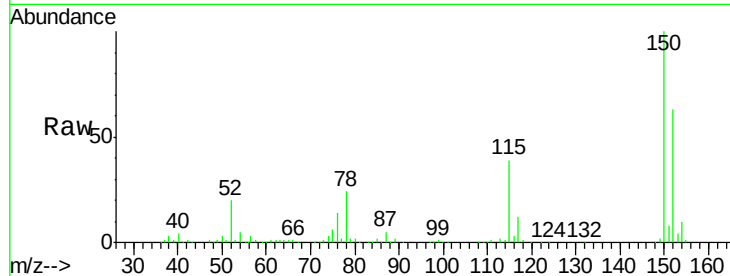
Tot Ion:152 Resp: 174814

Ion Ratio Lower Upper

152 100

150 157.9 126.2 189.2

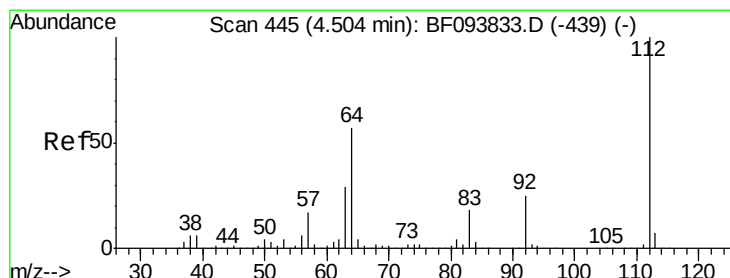
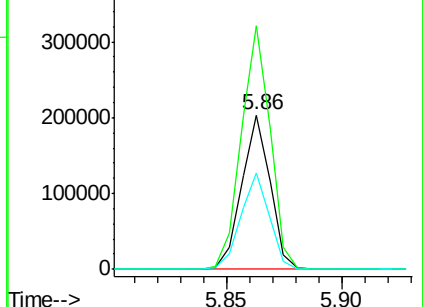
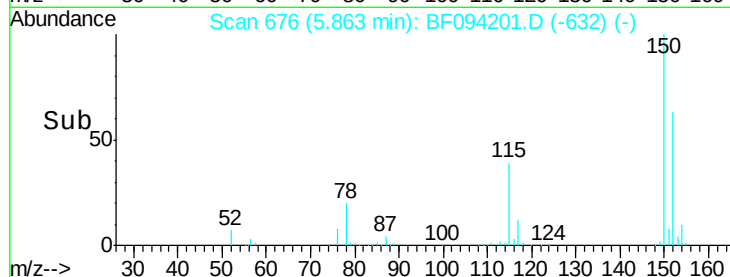
115 62.3 52.2 78.2



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: 132.68 ng

RT: 4.40 min Scan# 428

Delta R.T. -0.03 min

Lab File: BF094201.D

Acq: 5 Apr 2017 20:43

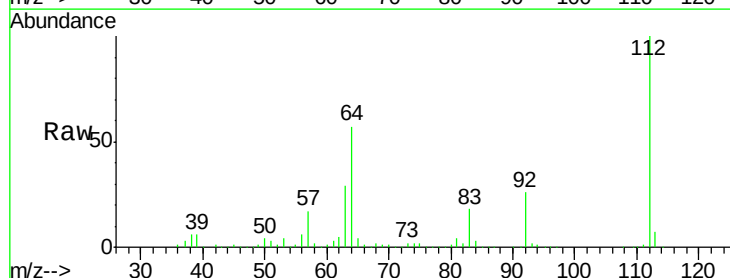
Tgt Ion:112 Resp: 1373266

Ion Ratio Lower Upper

112 100

64 57.0 46.0 69.0

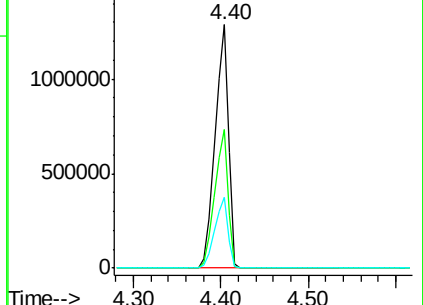
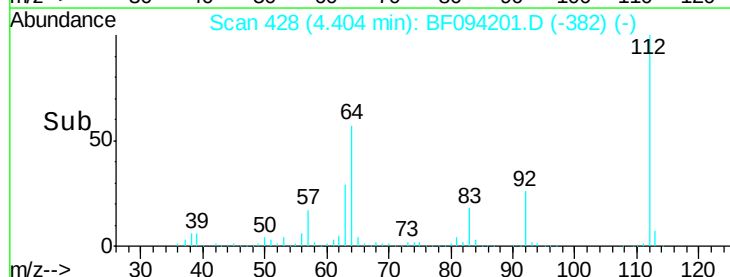
63 29.0 23.4 35.0

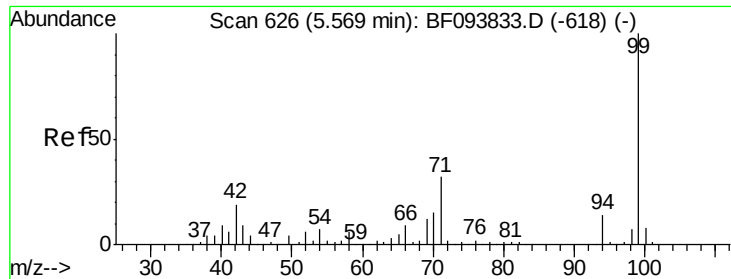


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 139.24 ng

RT: 5.47 min Scan# 610

Delta R.T. -0.04 min

Lab File: BF094201.D

Acq: 5 Apr 2017 20:43

Instrument :

BNA_F

ClientSampleId :

BASING-15(0-2)

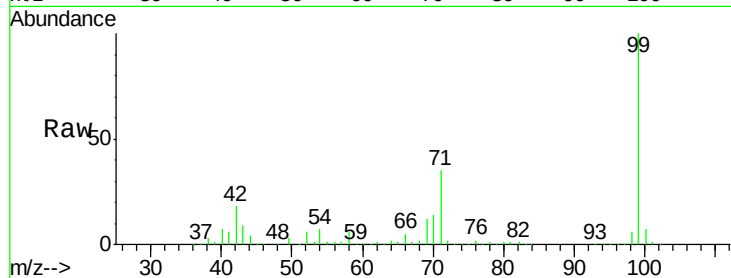
Tot Ion: 99 Resp: 1782803

Ion Ratio Lower Upper

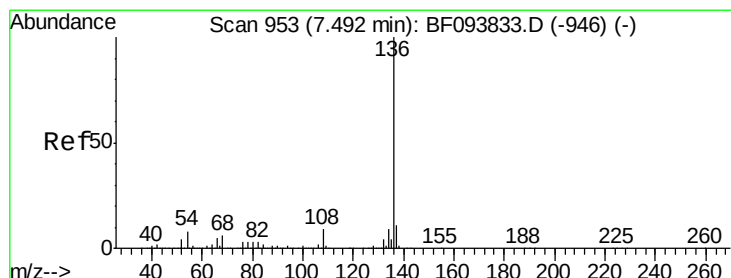
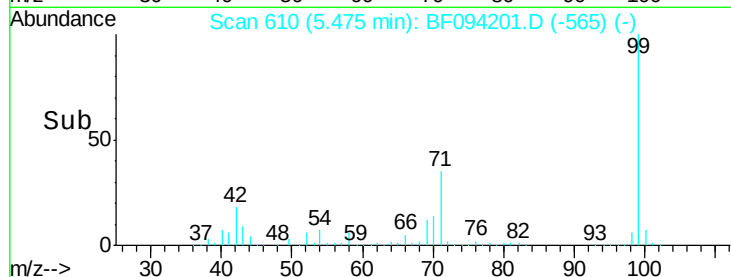
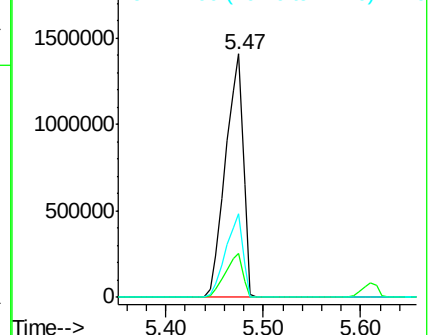
99 100

42 18.1 13.5 20.3

71 34.5 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: 7.36 min Scan# 931

Delta R.T. -0.05 min

Lab File: BF094201.D

Acq: 5 Apr 2017 20:43

Tgt Ion: 136 Resp: 714804

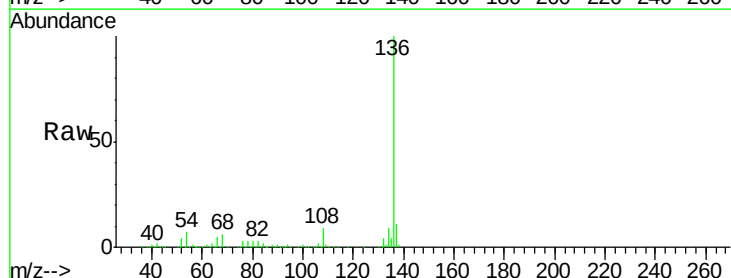
Ion Ratio Lower Upper

136 100

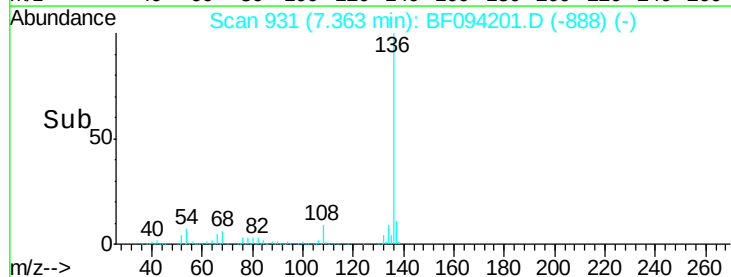
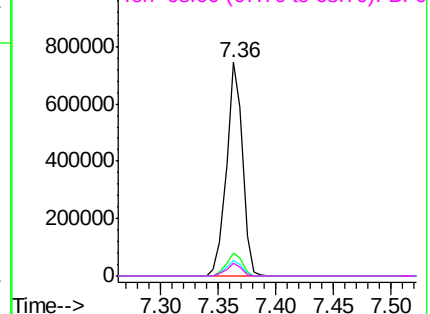
137 10.9 8.5 12.7

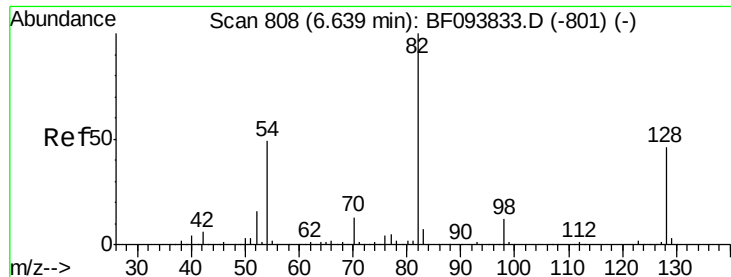
54 7.4 4.9 7.3#

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

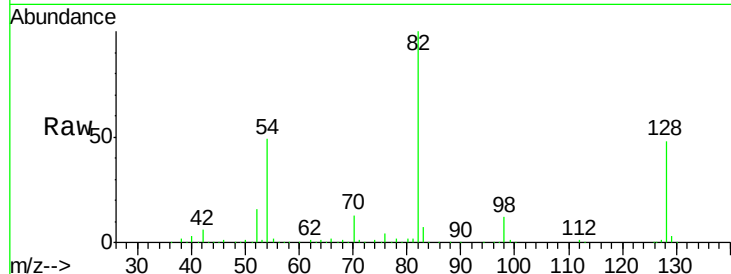




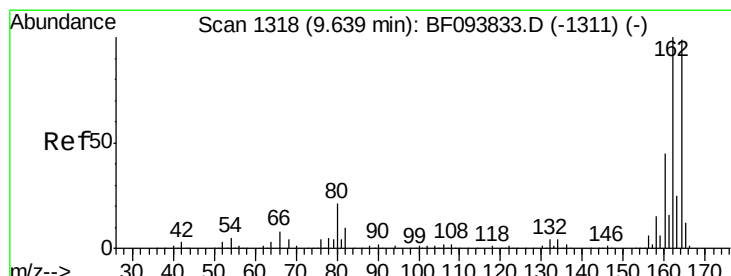
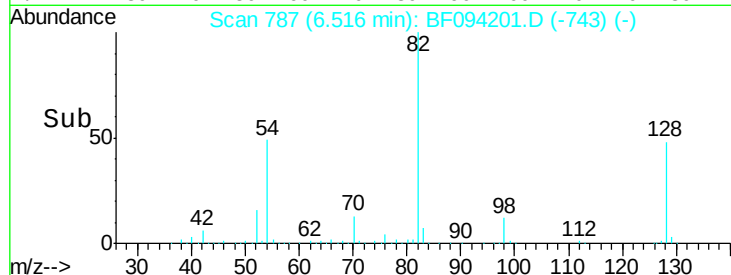
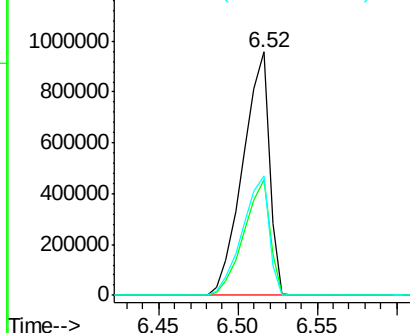
#23
 Nitrobenzene-d5
 Concen: 88.66 ng
 RT: 6.52 min Scan# 787
 Delta R.T. -0.04 min
 Lab File: BF094201.D
 Acq: 5 Apr 2017 20:43

Instrument :
 BNA_F
 ClientSampleId :
 BASING-15(0-2)

Tot Ion: 82 Resp: 1110488
 Ion Ratio Lower Upper
 82 100
 128 47.7 34.0 51.0
 54 49.3 42.2 63.2

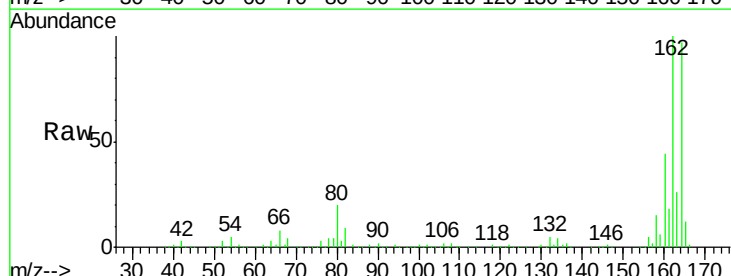


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

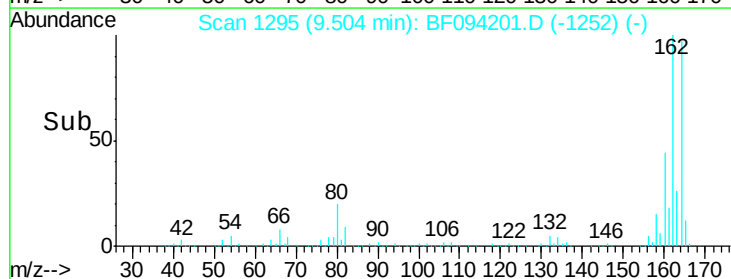
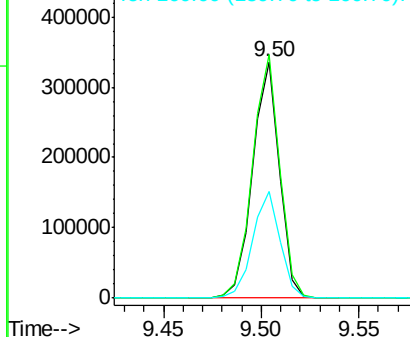


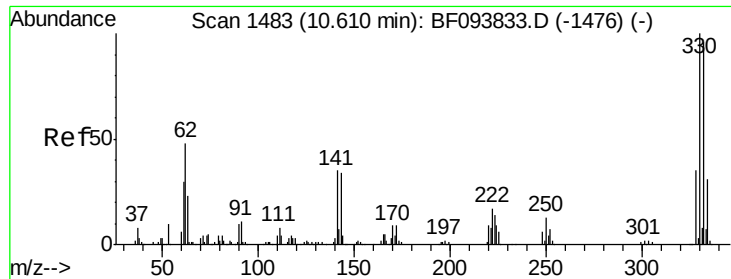
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 1295
 Delta R.T. -0.05 min
 Lab File: BF094201.D
 Acq: 5 Apr 2017 20:43

Tgt Ion:164 Resp: 318822
 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: 129.88 ng

RT: 10.48 min Scan# 1461

Delta R.T. -0.04 min

Lab File: BF094201.D

Acq: 5 Apr 2017 20:43

Instrument :

BNA_F

ClientSampleId :

BASING-15(0-2)

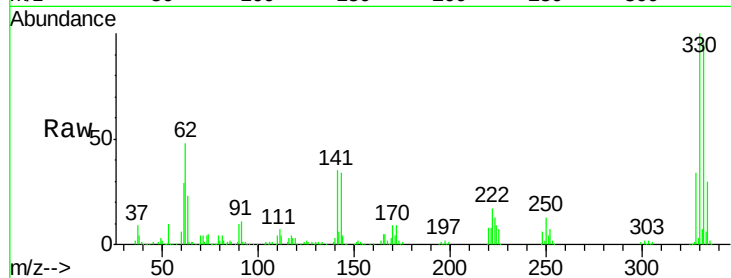
Tot Ion:330 Resp: 327206

Ion Ratio Lower Upper

330 100

332 96.5 76.6 115.0

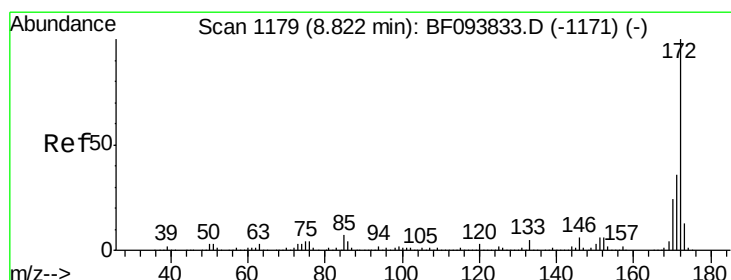
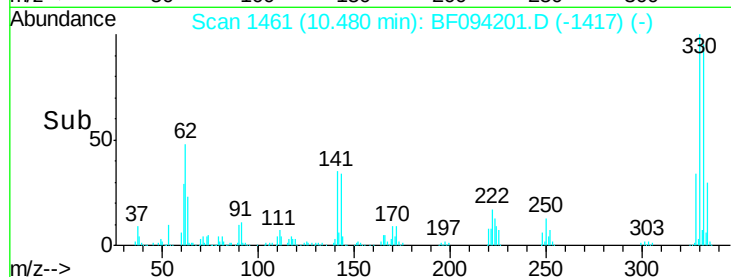
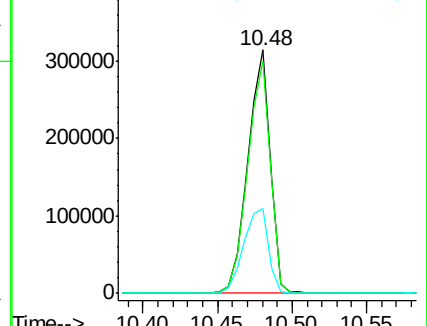
141 38.9 31.4 47.2



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: 85.34 ng

RT: 8.69 min Scan# 1157

Delta R.T. -0.04 min

Lab File: BF094201.D

Acq: 5 Apr 2017 20:43

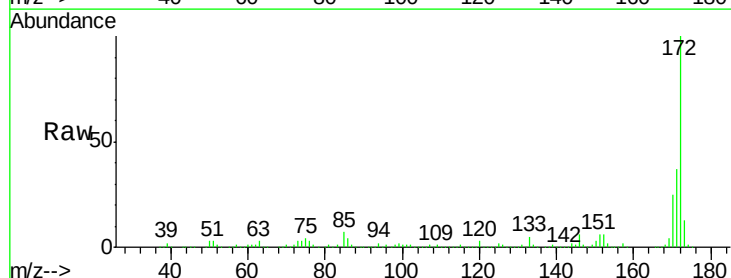
Tgt Ion:172 Resp: 1783884

Ion Ratio Lower Upper

172 100

171 37.0 29.6 44.4

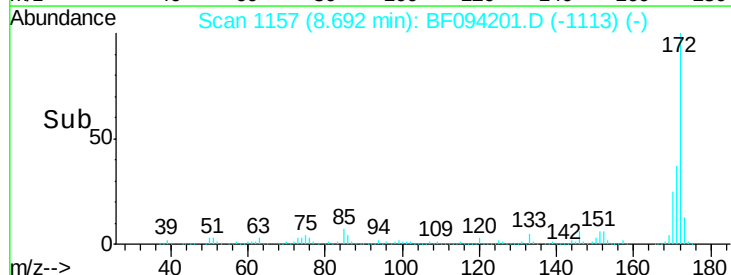
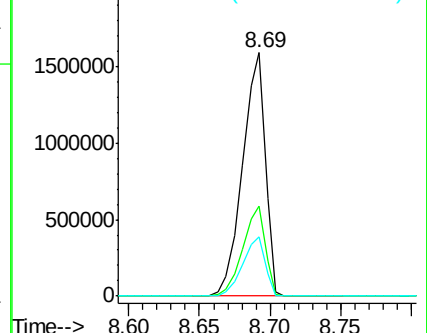
170 24.6 19.8 29.8

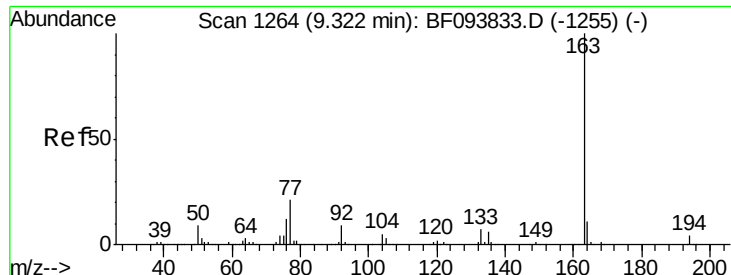


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

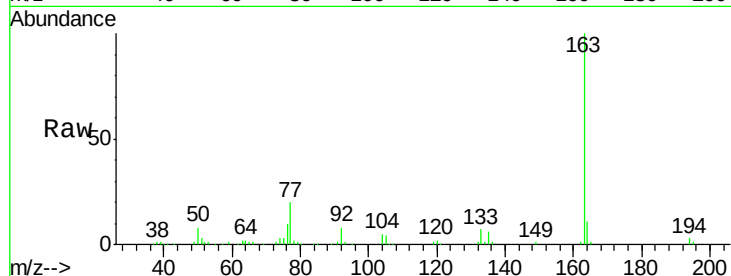




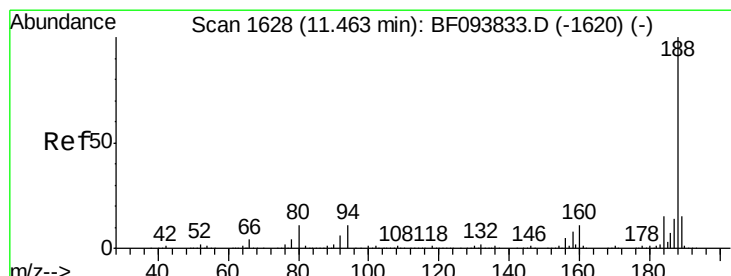
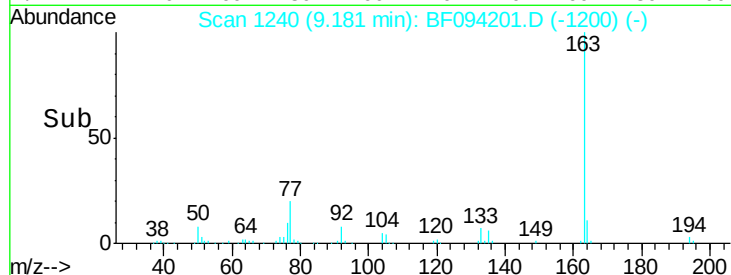
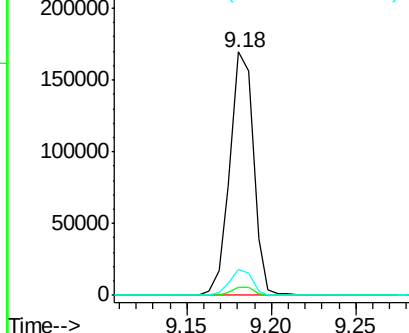
#49
Dimethylphthalate
Concen: 7.28 ng
RT: 9.18 min Scan# 1240
Delta R.T. -0.06 min
Lab File: BF094201.D
Acq: 5 Apr 2017 20:43

Instrument :
BNA_F
ClientSampleId :
BASING-15(0-2)

Tot Ion:163 Resp: 164989
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.8 8.4 12.6

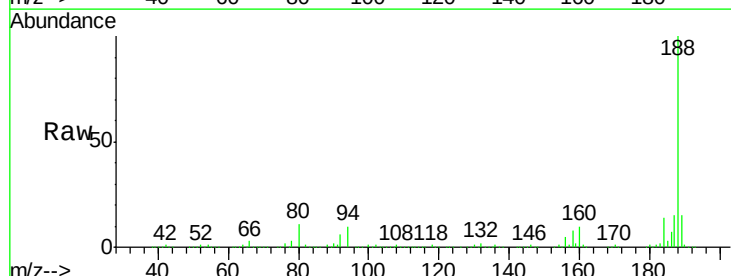


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

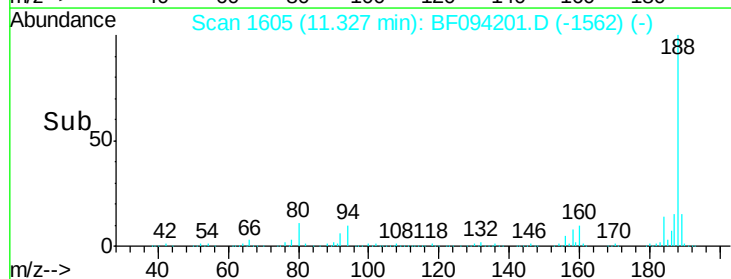
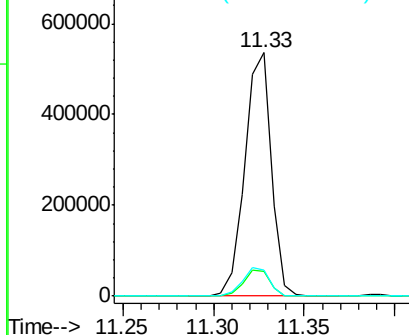


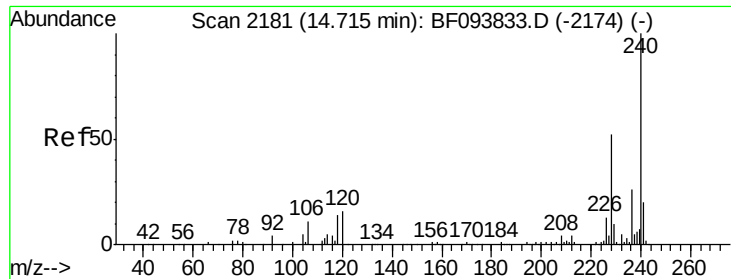
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 1605
Delta R.T. -0.05 min
Lab File: BF094201.D
Acq: 5 Apr 2017 20:43

Tgt Ion:188 Resp: 541773
Ion Ratio Lower Upper
188 100
94 10.2 9.4 14.2
80 10.9 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: 14.57 min Scan# 2157

Delta R.T. -0.05 min

Lab File: BF094201.D

Acq: 5 Apr 2017 20:43

Instrument :

BNA_F

ClientSampleId :

BASING-15(0-2)

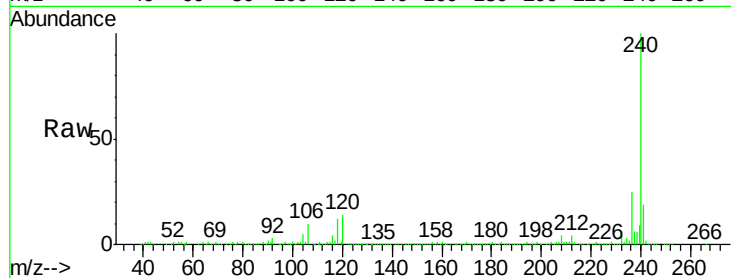
Tot Ion:240 Resp: 363368

Ion Ratio Lower Upper

240 100

120 13.7 5.8 8.8#

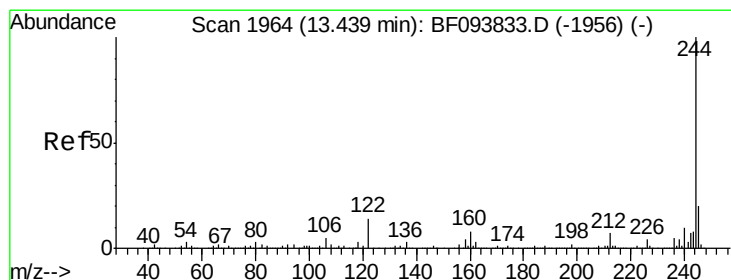
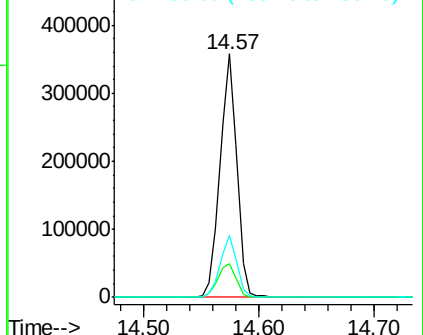
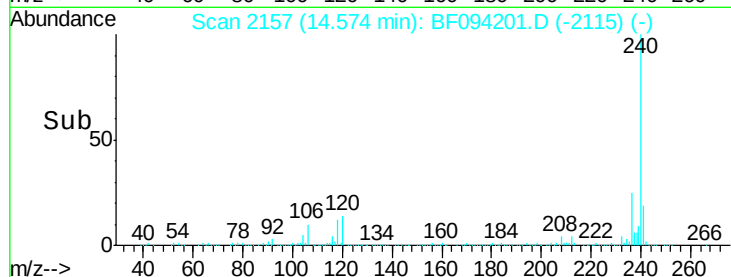
236 25.3 20.5 30.7



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: 77.11 ng

RT: 13.31 min Scan# 1942

Delta R.T. -0.04 min

Lab File: BF094201.D

Acq: 5 Apr 2017 20:43

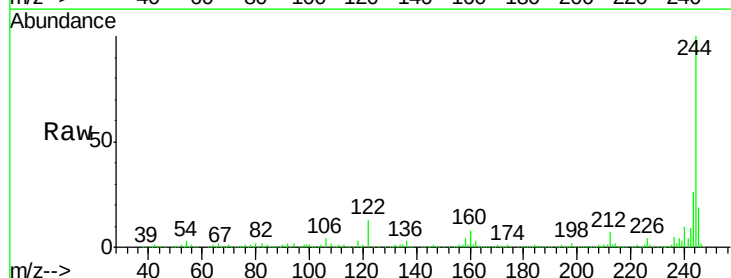
Tgt Ion:244 Resp: 1250061

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

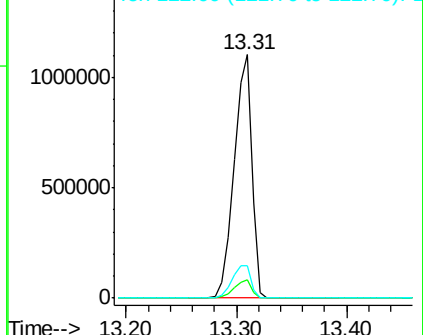
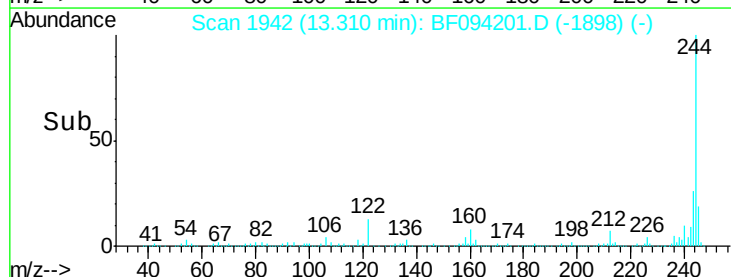
122 13.4 10.3 15.5

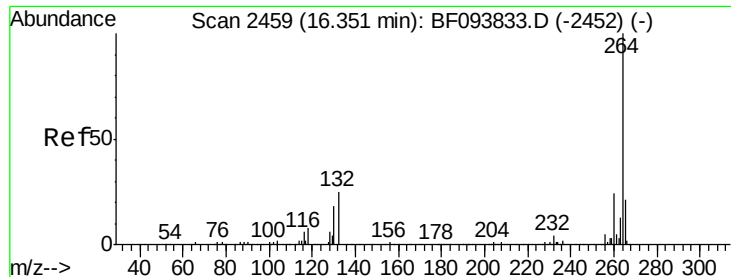


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

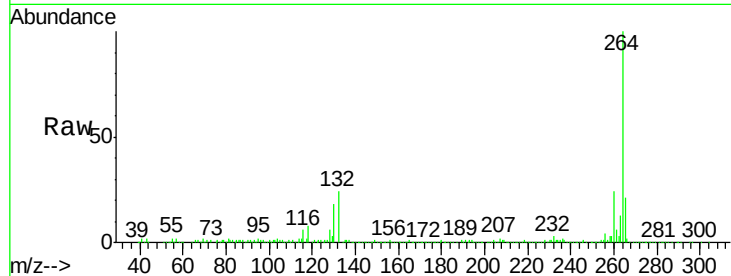




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.20 min Scan# 2434
Delta R.T. -0.05 min
Lab File: BF094201.D
Acq: 5 Apr 2017 20:43

Instrument :
BNA_F
ClientSampleId :
BASING-15(0-2)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.4	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

