

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040417\
 Data File : BF094181.D
 Acq On : 4 Apr 2017 21:44
 Operator : SJ/MA
 Sample : I2516-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Quant Time: Apr 05 00:59:19 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

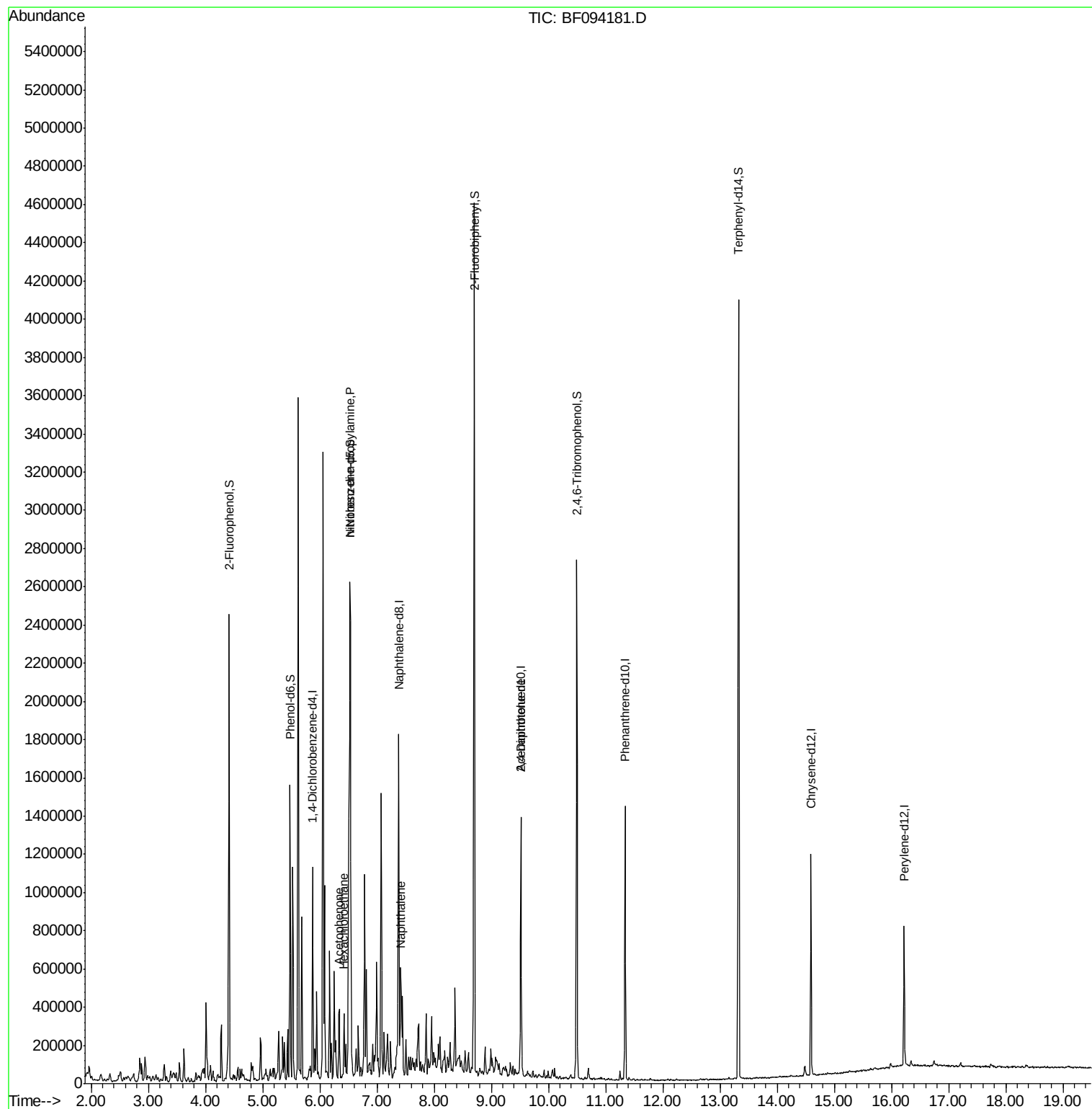
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.87	152	172573	20.00	ng	-0.03
21) Naphthalene-d8	7.38	136	686694	20.00	ng	-0.03
38) Acenaphthene-d10	9.52	164	322864	20.00	ng	-0.04
63) Phenanthrene-d10	11.34	188	582326	20.00	ng	-0.03
75) Chrysene-d12	14.59	240	456189	20.00	ng	-0.04
86) Perylene-d12	16.22	264	297978	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.41	112	691411	67.67	ng	-0.02
7) Phenol-d6	5.48	99	554534	43.87	ng	-0.03
23) Nitrobenzene-d5	6.53	82	1079057	89.68	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	404193	158.43	ng	-0.02
44) 2-Fluorobiphenyl	8.70	172	1899755	89.75	ng	-0.03
78) Terphenyl-d14	13.33	244	1689439	83.01	ng	-0.02
Target Compounds						
18) Hexachloroethane	6.42	117	11240	2.51	ng	# 1
19) n-Nitroso-di-n-propylamine	6.53	70	147426	18.15	ng	# 80
22) Acetophenone	6.34	105	152637	9.97	ng	# 50
31) Naphthalene	7.40	128	108221	3.28	ng	# 95
56) 2,4-Dinitrotoluene	9.52	165	42049	6.36	ng	# 34

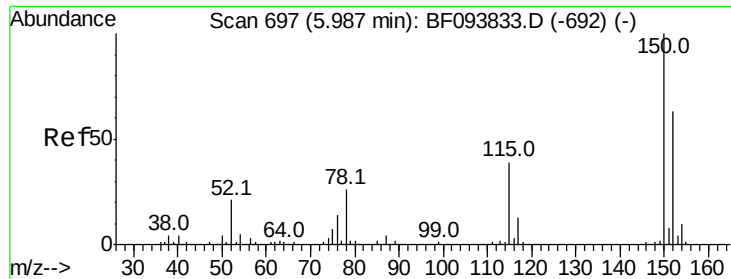
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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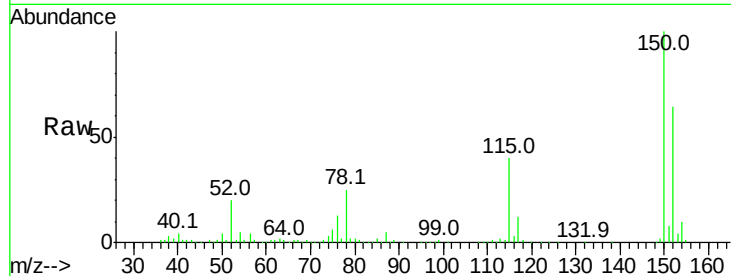


#1

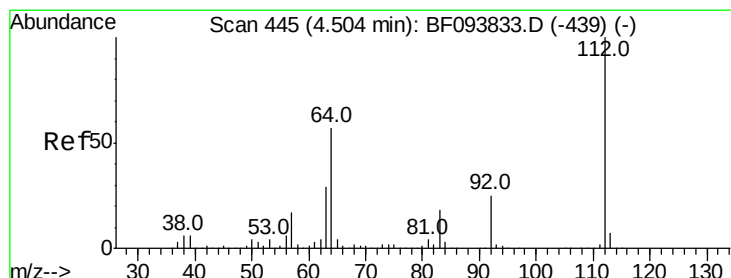
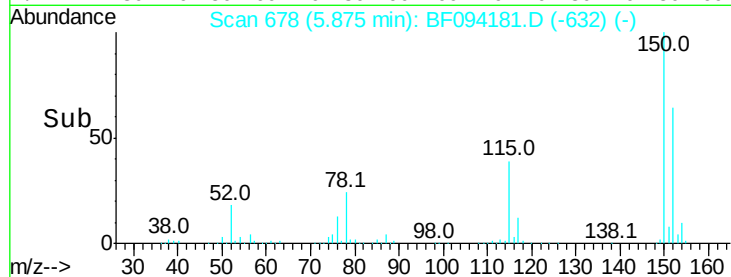
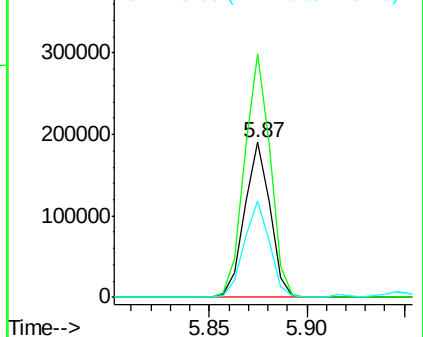
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.87 min Scan# 678
Delta R.T. -0.03 min
Lab File: BF094181.D
Acq: 4 Apr 2017 21:44

Instrument :
BNA_F
ClientSampleId :
MW-3

Tot Ion:152 Resp: 172573
Ion Ratio Lower Upper
152 100
150 157.2 126.2 189.2
115 62.1 52.2 78.2



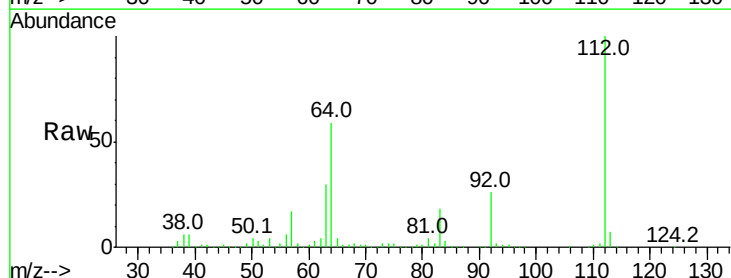
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



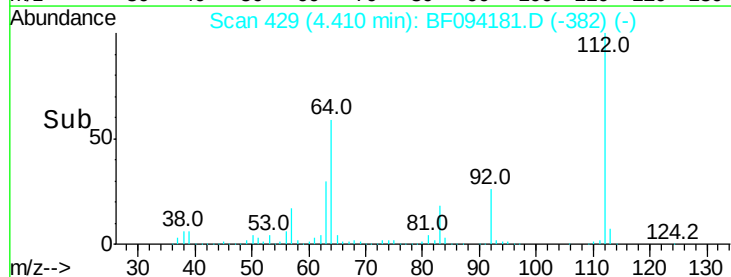
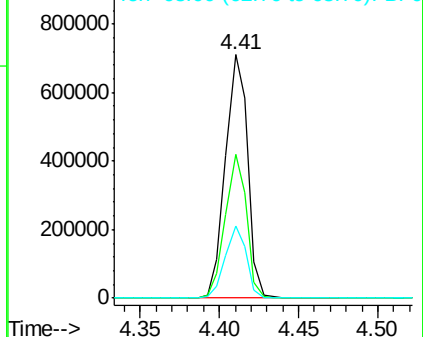
#5

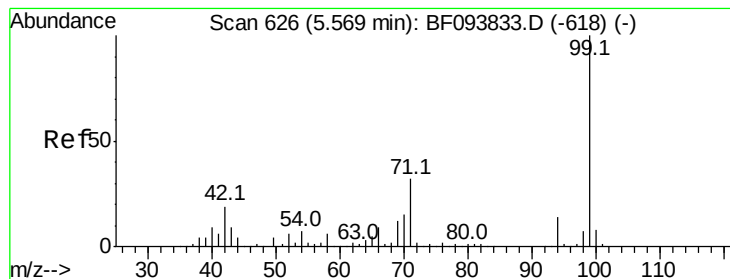
2-Fluorophenol
Concen: 67.67 ng
RT: 4.41 min Scan# 429
Delta R.T. -0.02 min
Lab File: BF094181.D
Acq: 4 Apr 2017 21:44

Tgt Ion:112 Resp: 691411
Ion Ratio Lower Upper
112 100
64 59.0 46.0 69.0
63 29.6 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: 43.87 ng

RT: 5.48 min Scan# 611

Delta R.T. -0.03 min

Lab File: BF094181.D

Acq: 4 Apr 2017 21:44

Instrument :

BNA_F

ClientSampleId :

MW-3

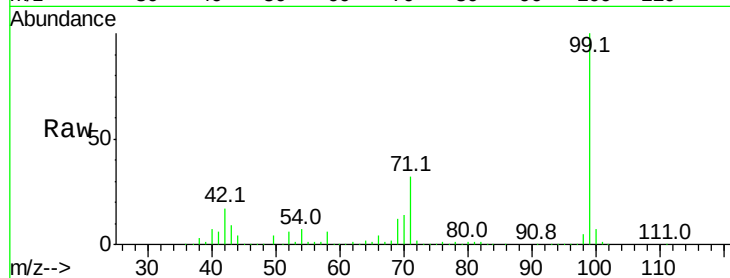
Tot Ion: 99 Resp: 554534

Ion Ratio Lower Upper

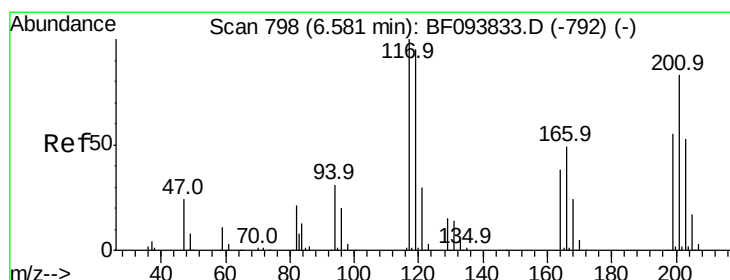
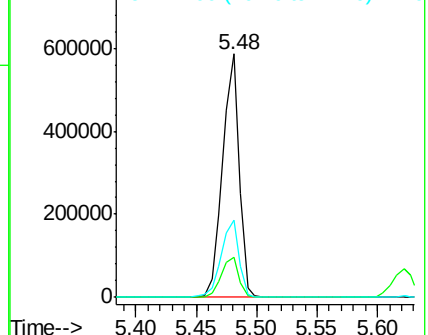
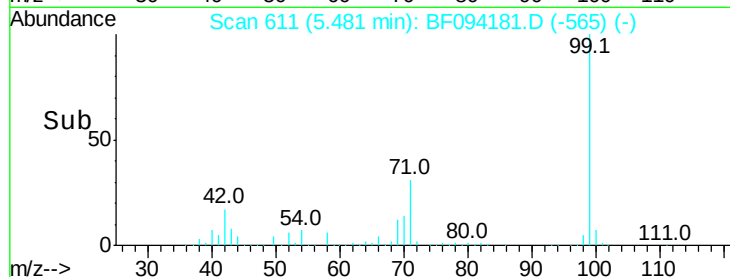
99 100

42 16.7 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



#18

Hexachloroethane

Concen: 2.51 ng

RT: 6.42 min Scan# 771

Delta R.T. -0.07 min

Lab File: BF094181.D

Acq: 4 Apr 2017 21:44

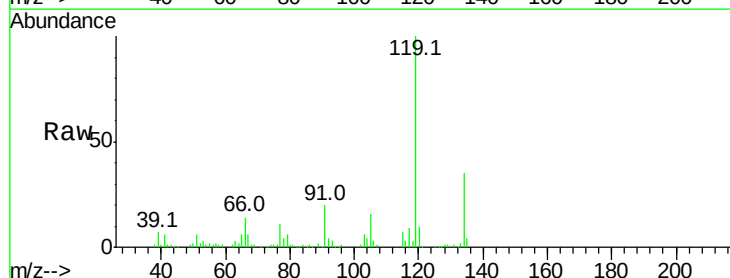
Tgt Ion: 117 Resp: 11240

Ion Ratio Lower Upper

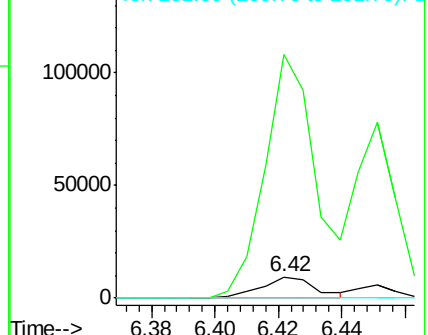
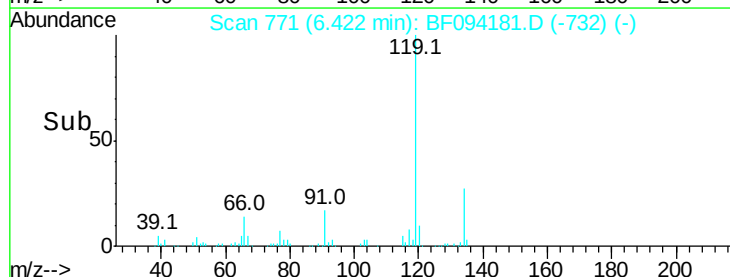
117 100

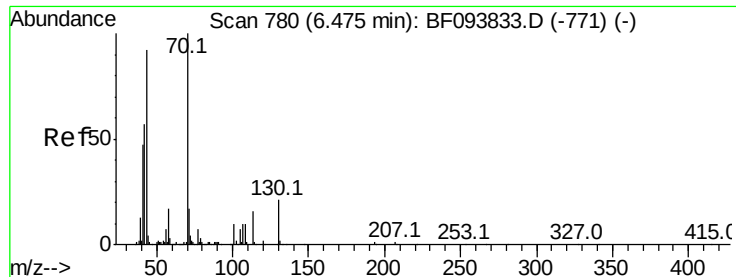
119 1143.8 77.4 116.0#

201 0.0 94.6 141.8#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 18.15 ng

RT: 6.53 min Scan# 789

Delta R.T. 0.14 min

Lab File: BF094181.D

Acq: 4 Apr 2017 21:44

Instrument :

BNA_F

ClientSampleId :

MW-3

Tot Ion: 70 Resp: 147426

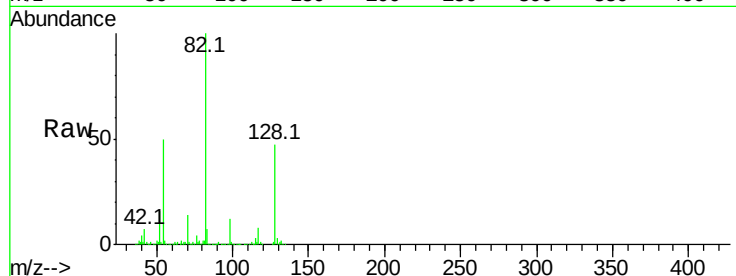
Ion Ratio Lower Upper

70 100

42 48.5 47.2 70.8

101 0.7 7.2 10.8#

130 3.0 15.9 23.9#

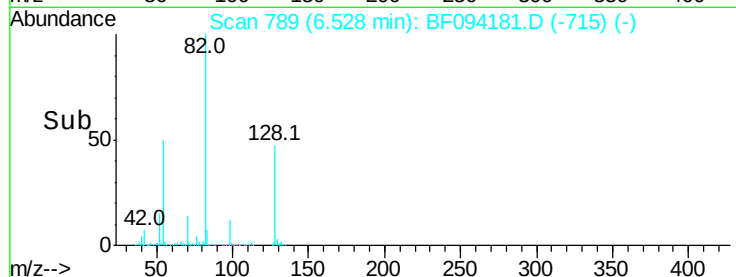


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



Time--> 6.40 6.45 6.50 6.55

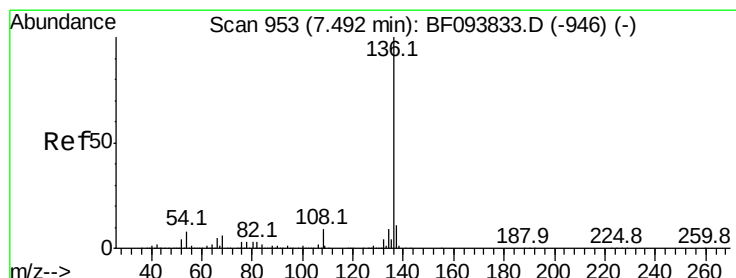
6.53

150000

100000

50000

0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.38 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF094181.D

Acq: 4 Apr 2017 21:44

Tgt Ion: 136 Resp: 686694

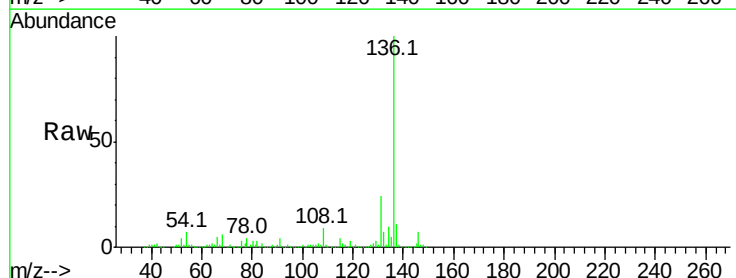
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.3 4.9 7.3#

68 5.7 4.1 6.1

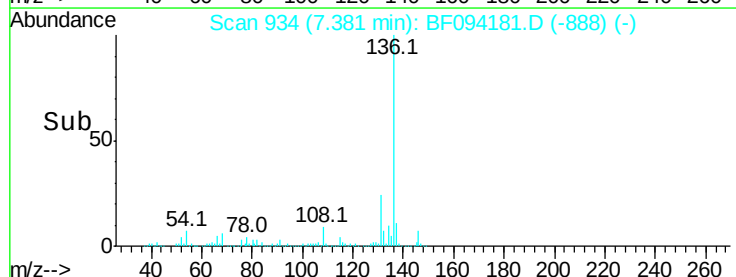


Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 7.30 7.35 7.40 7.45

7.38

1000000

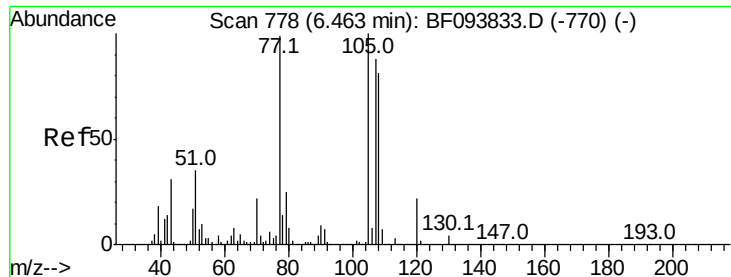
800000

600000

400000

200000

0



#22

Acetophenone

Concen: 9.97 ng

RT: 6.34 min Scan# 757

Delta R.T. -0.04 min

Lab File: BF094181.D

Acq: 4 Apr 2017 21:44

Instrument :

BNA_F

ClientSampleId :

MW-3

Tot Ion:105 Resp: 152637

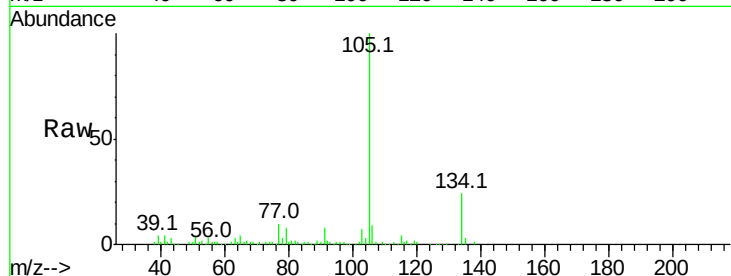
Ion Ratio Lower Upper

105 100

71 0.7 2.8 4.2#

51 3.9 30.7 46.1#

120 0.6 17.4 26.0#

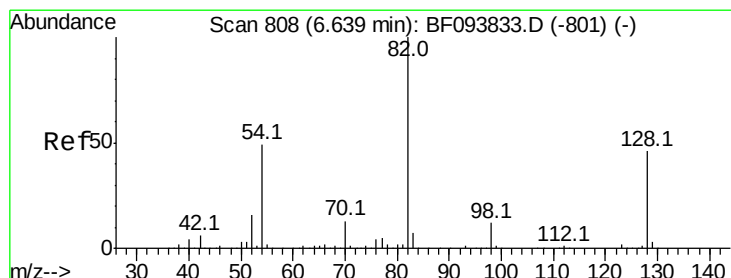
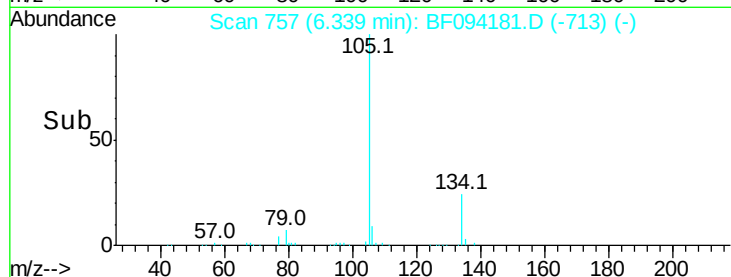
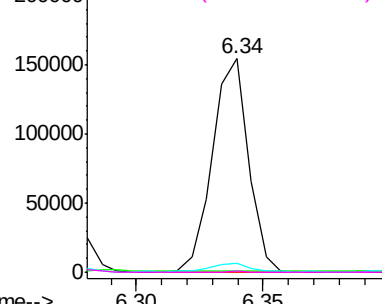


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 89.68 ng

RT: 6.53 min Scan# 789

Delta R.T. -0.03 min

Lab File: BF094181.D

Acq: 4 Apr 2017 21:44

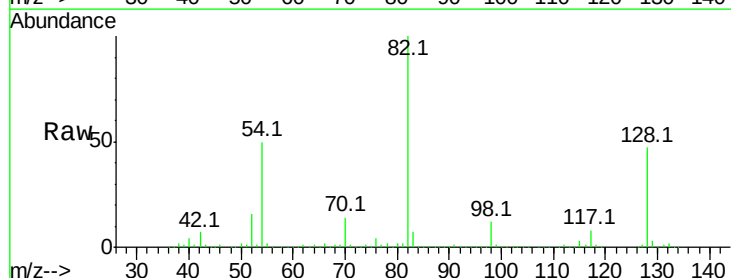
Tgt Ion: 82 Resp: 1079057

Ion Ratio Lower Upper

82 100

128 46.6 34.0 51.0

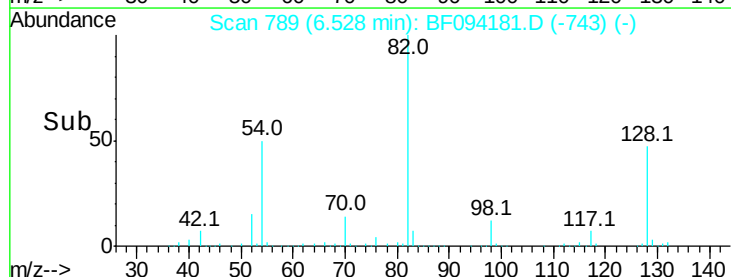
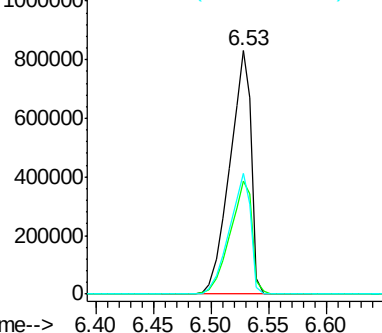
54 49.8 42.2 63.2

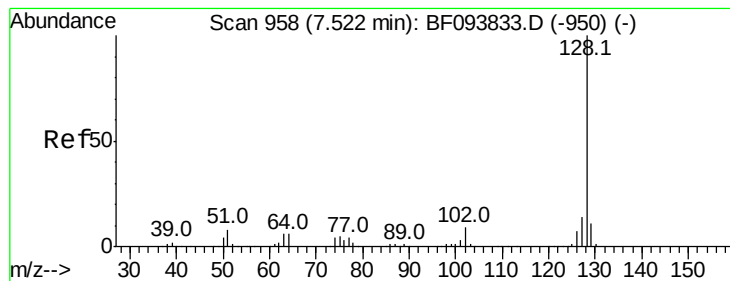


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 3.28 ng

RT: 7.40 min Scan# 938

Delta R.T. -0.03 min

Lab File: BF094181.D

Acq: 4 Apr 2017 21:44

Instrument :

BNA_F

ClientSampleId :

MW-3

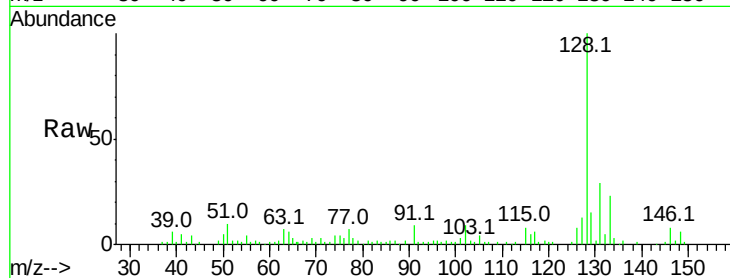
Tot Ion:128 Resp: 108221

Ion Ratio Lower Upper

128 100

129 14.9 9.0 13.6#

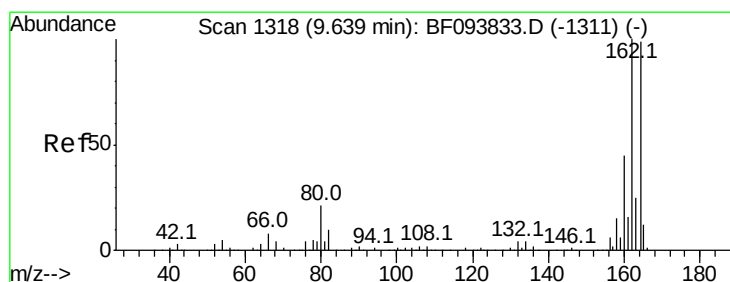
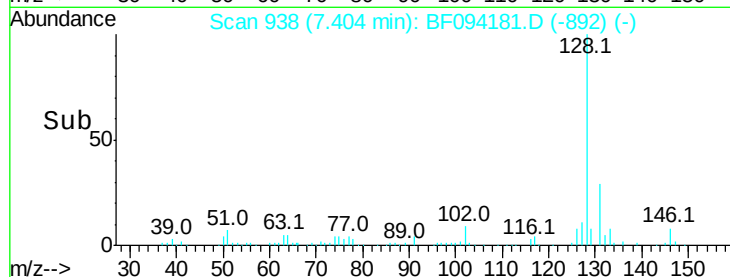
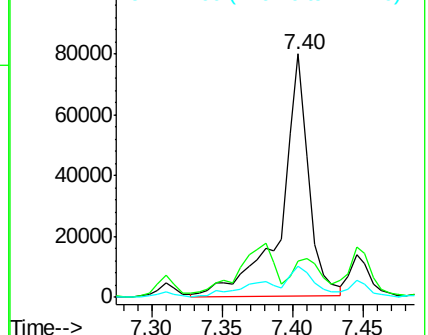
127 13.0 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.52 min Scan# 1297

Delta R.T. -0.04 min

Lab File: BF094181.D

Acq: 4 Apr 2017 21:44

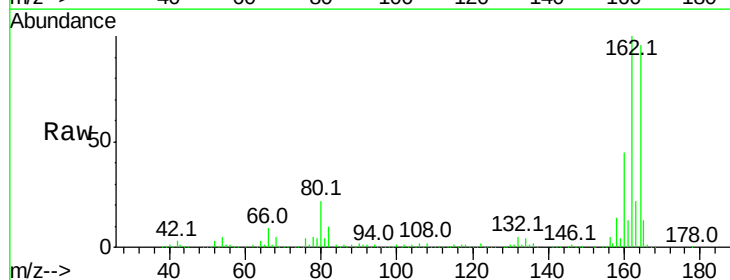
Tgt Ion:164 Resp: 322864

Ion Ratio Lower Upper

164 100

162 104.6 82.6 123.8

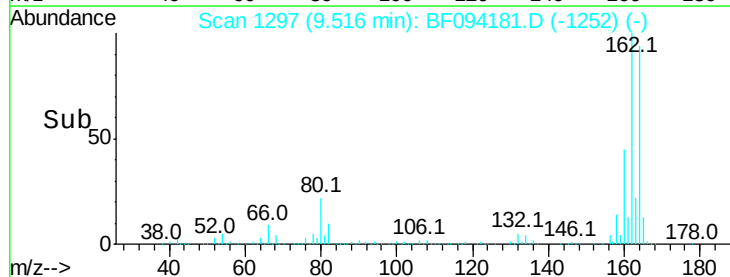
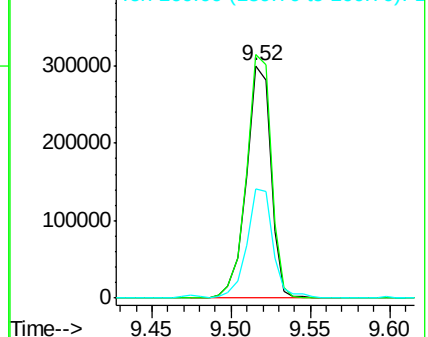
160 47.0 36.2 54.2

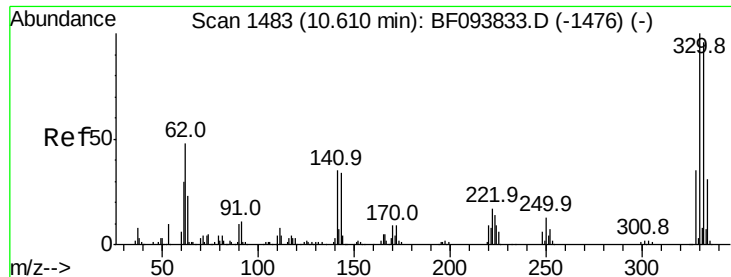


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 158.43 ng

RT: 10.50 min Scan# 1464

Delta R.T. -0.02 min

Lab File: BF094181.D

Acq: 4 Apr 2017 21:44

Instrument :

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ClientSampleId :

MW-3

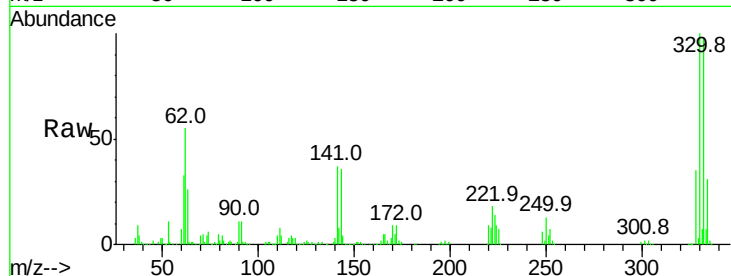
Tot Ion:330 Resp: 404193

Ion Ratio Lower Upper

330 100

332 96.8 76.6 115.0

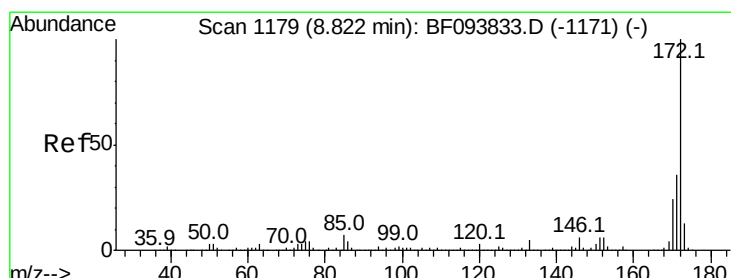
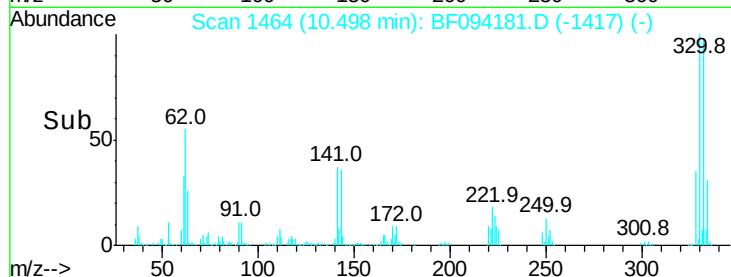
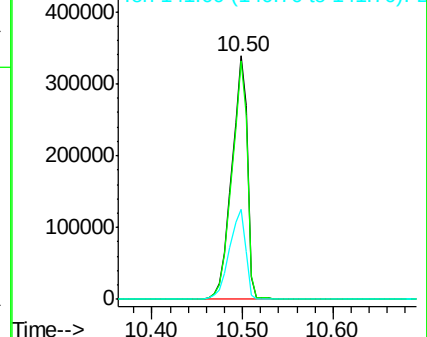
141 38.4 31.4 47.2



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: 89.75 ng

RT: 8.70 min Scan# 1159

Delta R.T. -0.03 min

Lab File: BF094181.D

Acq: 4 Apr 2017 21:44

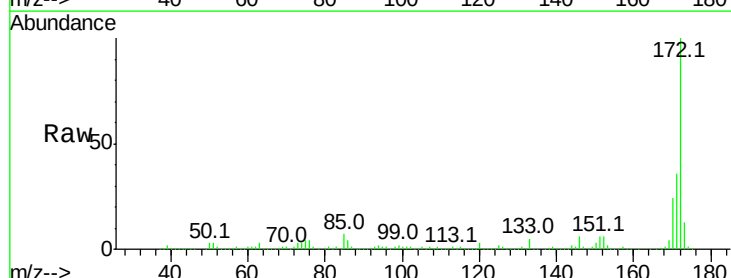
Tgt Ion:172 Resp: 1899755

Ion Ratio Lower Upper

172 100

171 35.9 29.6 44.4

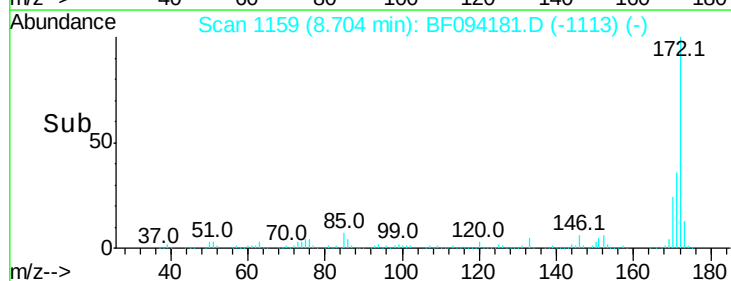
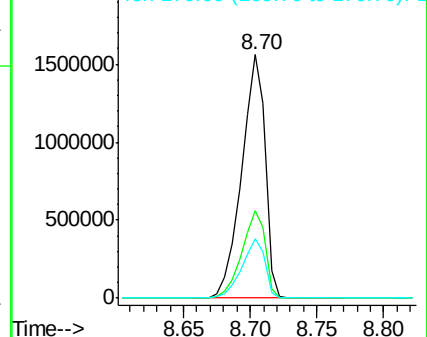
170 24.2 19.8 29.8

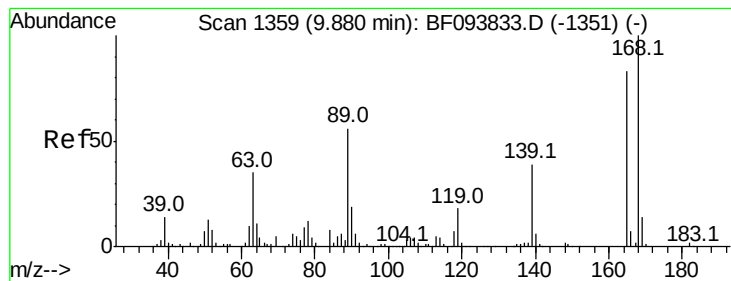


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#56

2,4-Dinitrotoluene

Concen: 6.36 ng

RT: 9.52 min Scan# 1297

Delta R.T. -0.28 min

Lab File: BF094181.D

Acq: 4 Apr 2017 21:44

Instrument :

BNA_F

ClientSampleId :

MW-3

Tot Ion:165 Resp: 42049

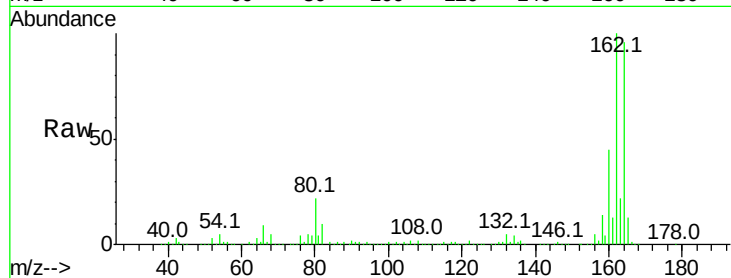
Ion Ratio Lower Upper

165 100

63 2.0 25.4 38.0#

89 1.9 46.4 69.6#

182 0.0 1.8 2.6#

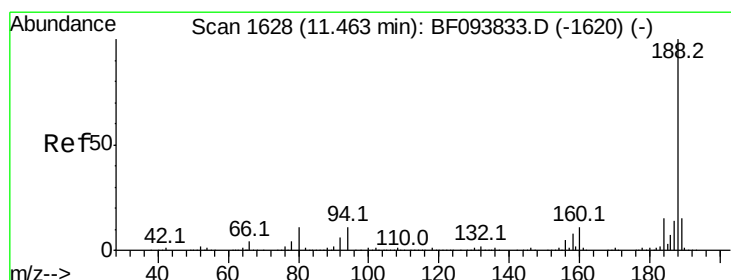
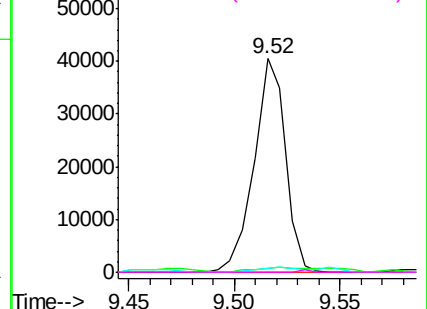
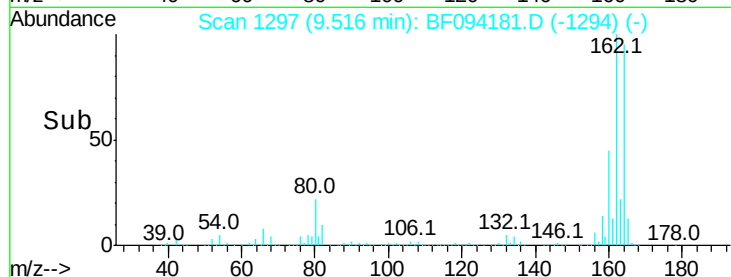


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 1608

Delta R.T. -0.03 min

Lab File: BF094181.D

Acq: 4 Apr 2017 21:44

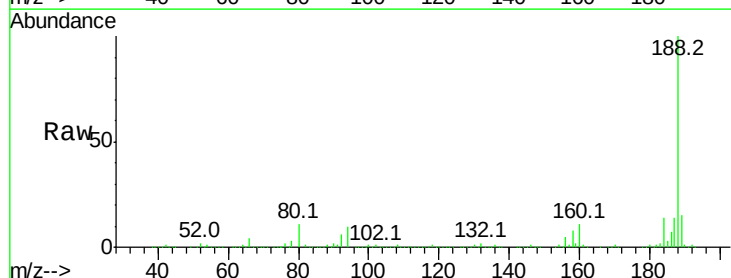
Tgt Ion:188 Resp: 582326

Ion Ratio Lower Upper

188 100

94 10.1 9.4 14.2

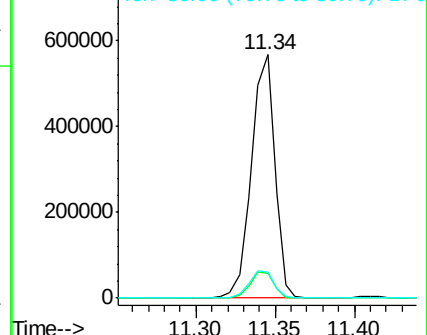
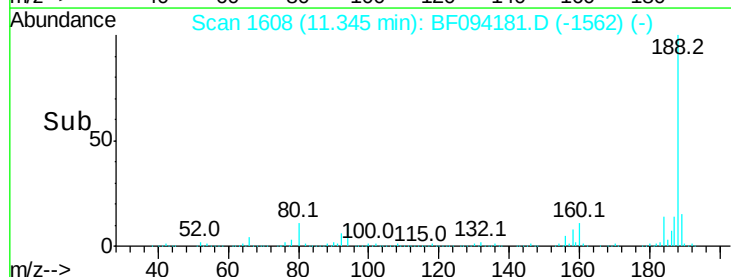
80 10.7 10.2 15.2

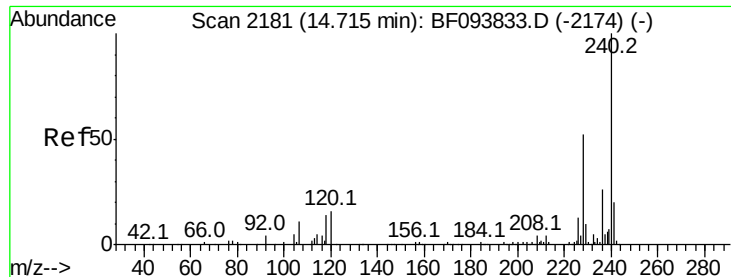


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.59 min Scan# 2160

Delta R.T. -0.04 min

Lab File: BF094181.D

Acq: 4 Apr 2017 21:44

Instrument :

BNA_F

ClientSampled :

MW-3

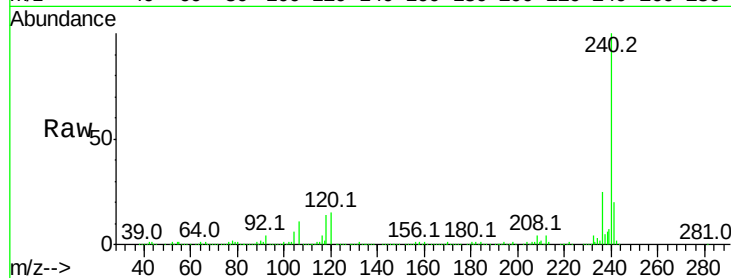
Tot Ion:240 Resp: 456189

Ion Ratio Lower Upper

240 100

120 14.7 5.8 8.8#

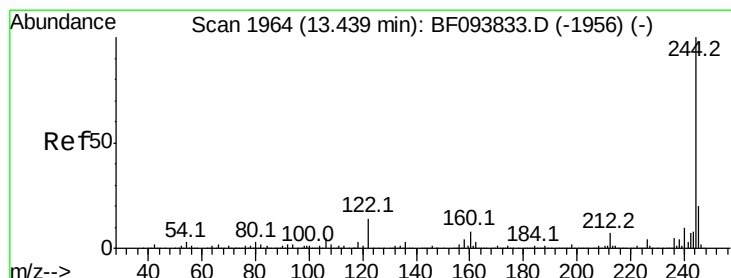
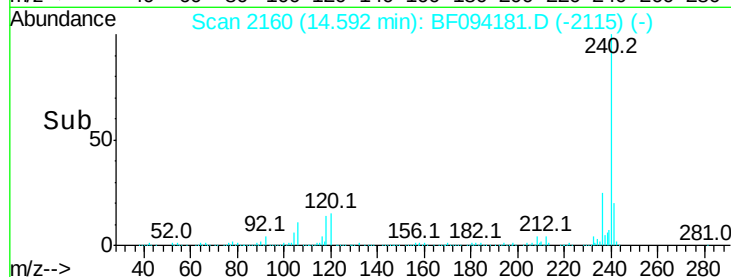
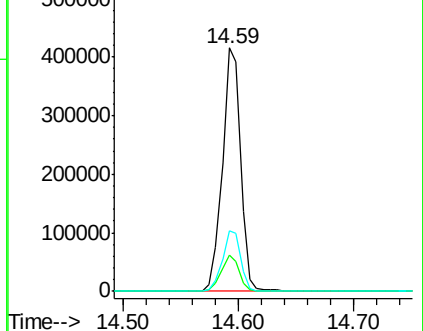
236 24.7 20.5 30.7



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: 83.01 ng

RT: 13.33 min Scan# 1945

Delta R.T. -0.02 min

Lab File: BF094181.D

Acq: 4 Apr 2017 21:44

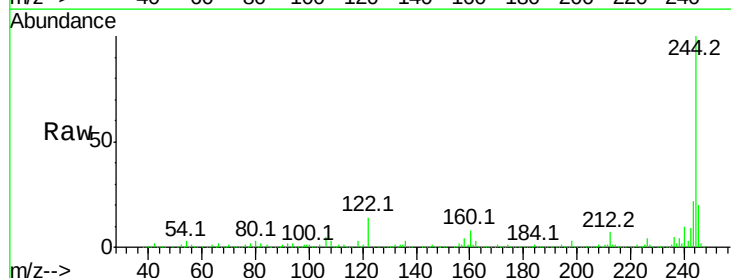
Tgt Ion:244 Resp: 1689439

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

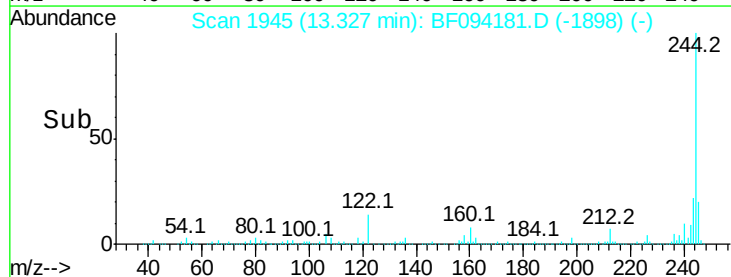
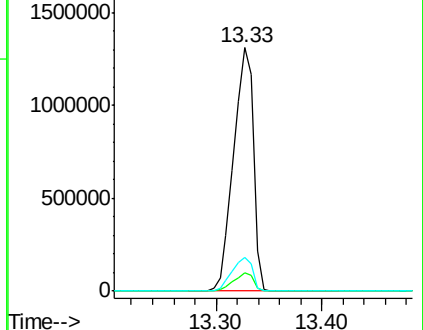
122 14.0 10.3 15.5

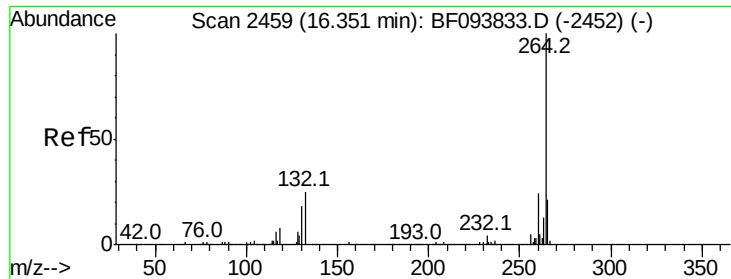


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.22 min Scan# 2437
 Delta R.T. -0.03 min
 Lab File: BF094181.D
 Acq: 4 Apr 2017 21:44

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Tot Ion:264 Resp: 297978
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 22.2 17.2 25.8

