

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033017\
 Data File : BF094071.D
 Acq On : 30 Mar 2017 21:21
 Operator : SJ/MA
 Sample : I2416-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6(9.5-10)

Quant Time: Mar 31 01:51:57 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

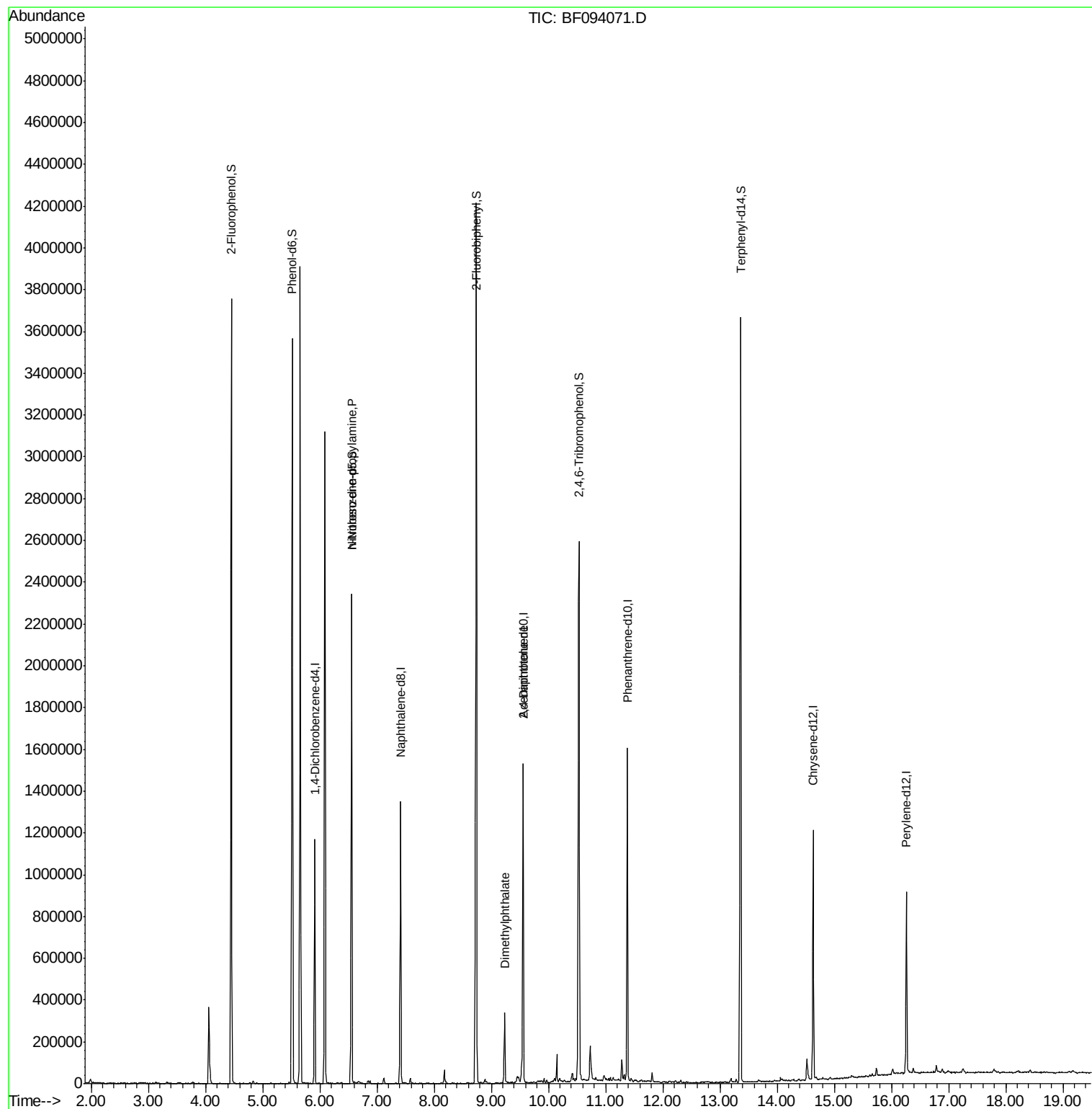
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.91	152	188246	20.00	ng	-0.04
21) Naphthalene-d8	7.41	136	757330	20.00	ng	-0.05
38) Acenaphthene-d10	9.56	164	363511	20.00	ng	-0.04
63) Phenanthrene-d10	11.38	188	653747	20.00	ng	-0.04
75) Chrysene-d12	14.63	240	495834	20.00	ng	-0.05
86) Perylene-d12	16.26	264	352047	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	4.46	112	1271875	114.12	ng	-0.02
7) Phenol-d6	5.52	99	1640631	118.99	ng	-0.03
23) Nitrobenzene-d5	6.56	82	1034415	77.95	ng	-0.05
41) 2,4,6-Tribromophenol	10.53	330	384598	133.89	ng	-0.04
44) 2-Fluorobiphenyl	8.74	172	1760770	73.88	ng	-0.04
78) Terphenyl-d14	13.36	244	1413637	63.91	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.56	70	135601	15.30	ng	# 76
49) Dimethylphthalate	9.23	163	156177	6.04	ng	99
56) 2,4-Dinitrotoluene	9.56	165	46805	6.29	ng	# 33

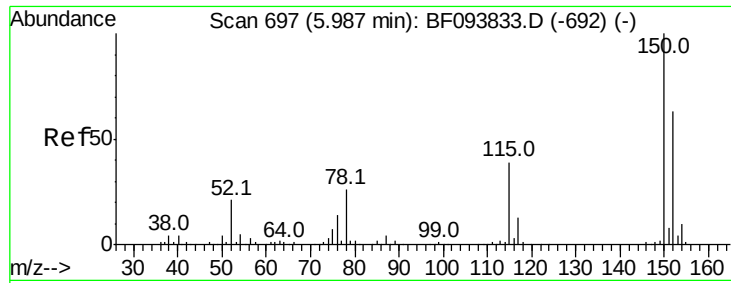
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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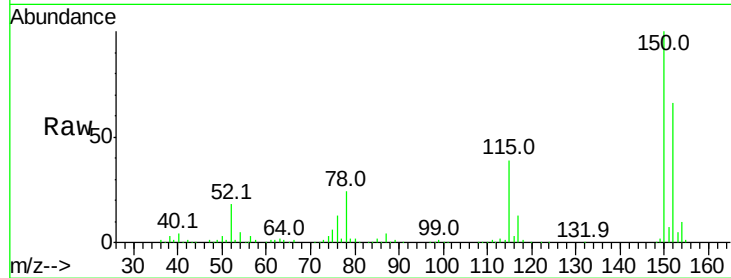


#1

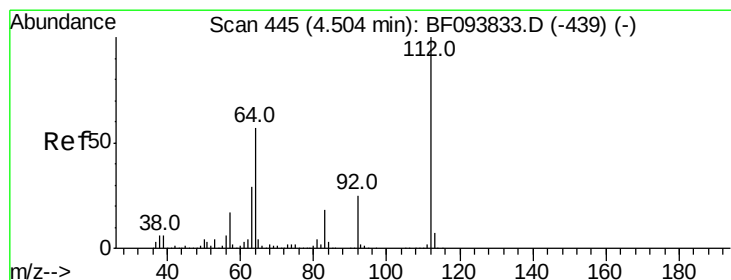
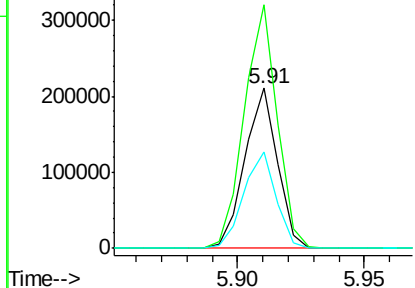
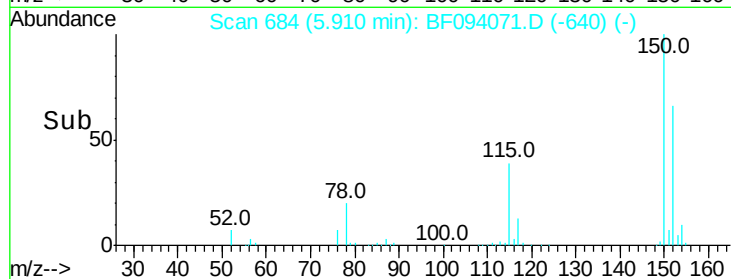
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.91 min Scan# 684
 Delta R.T. -0.04 min
 Lab File: BF094071.D
 Acq: 30 Mar 2017 21:21

Instrument :
 BNA_F
 ClientSampleId :
 TP-6(9.5-10)

Tot Ion:152 Resp: 188246
 Ion Ratio Lower Upper
 152 100
 150 152.1 126.2 189.2
 115 60.0 52.2 78.2



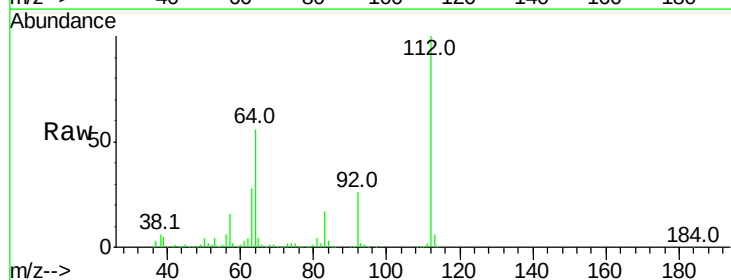
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



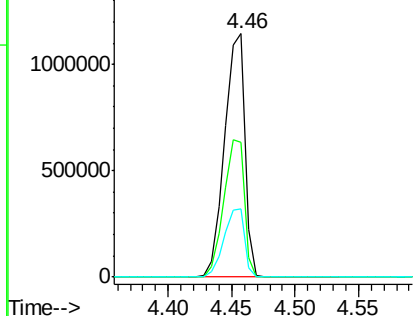
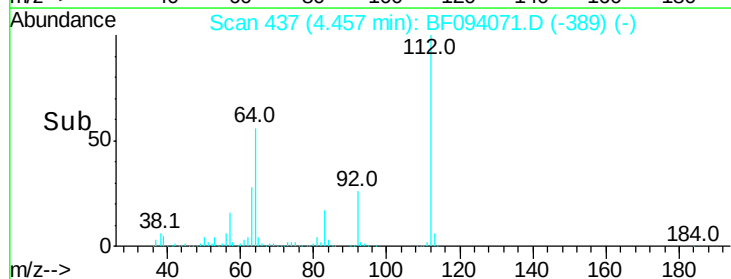
#5

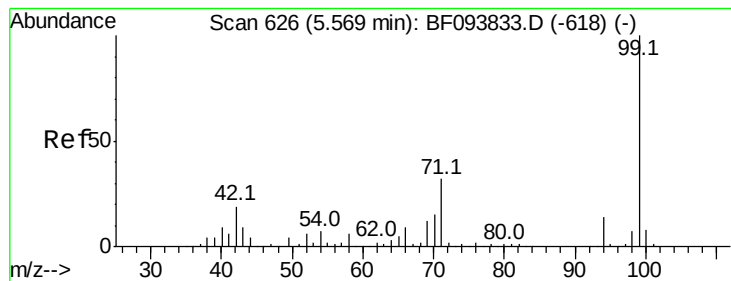
2-Fluorophenol
 Concen: 114.12 ng
 RT: 4.46 min Scan# 437
 Delta R.T. -0.02 min
 Lab File: BF094071.D
 Acq: 30 Mar 2017 21:21

Tgt Ion:112 Resp: 1271875
 Ion Ratio Lower Upper
 112 100
 64 55.6 46.0 69.0
 63 27.9 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: 118.99 ng

RT: 5.52 min Scan# 618

Delta R.T. -0.03 min

Lab File: BF094071.D

Acq: 30 Mar 2017 21:21

Instrument :

BNA_F

ClientSampleId :

TP-6(9.5-10)

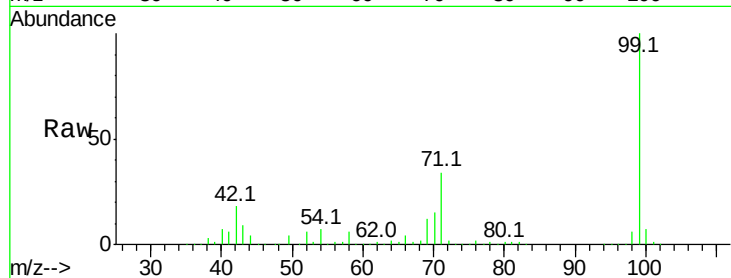
Tot Ion: 99 Resp: 1640631

Ion Ratio Lower Upper

99 100

42 18.0 13.5 20.3

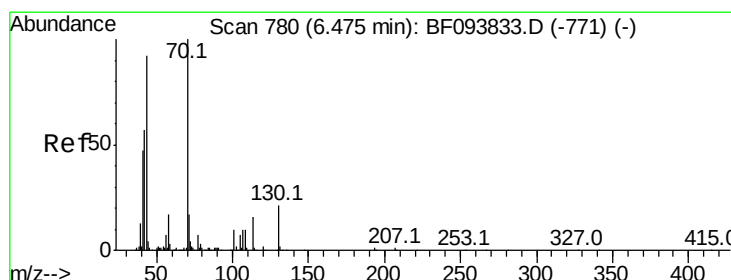
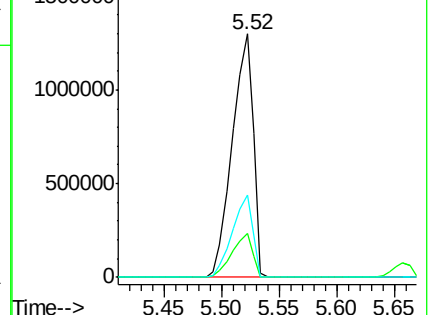
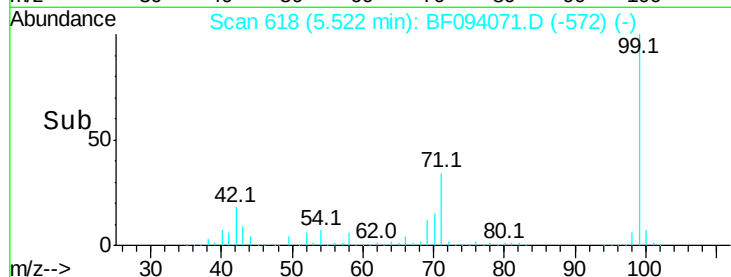
71 34.0 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.30 ng

RT: 6.56 min Scan# 794

Delta R.T. 0.12 min

Lab File: BF094071.D

Acq: 30 Mar 2017 21:21

Tgt Ion: 70 Resp: 135601

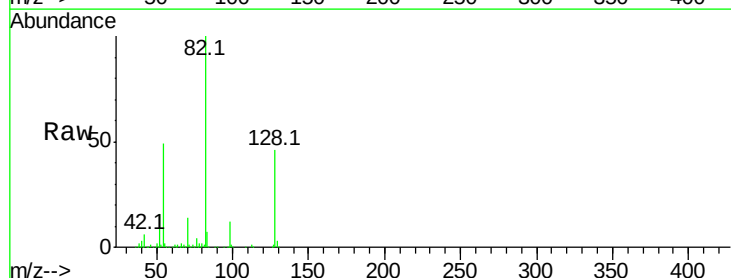
Ion Ratio Lower Upper

70 100

42 45.1 47.2 70.8#

101 0.0 7.2 10.8#

130 2.5 15.9 23.9#

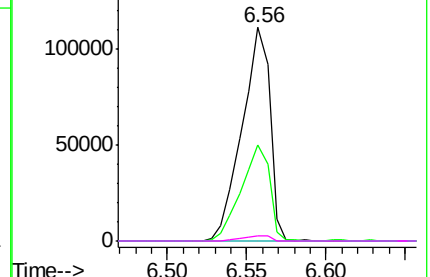
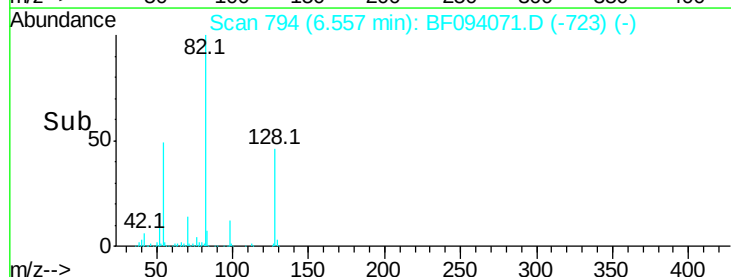


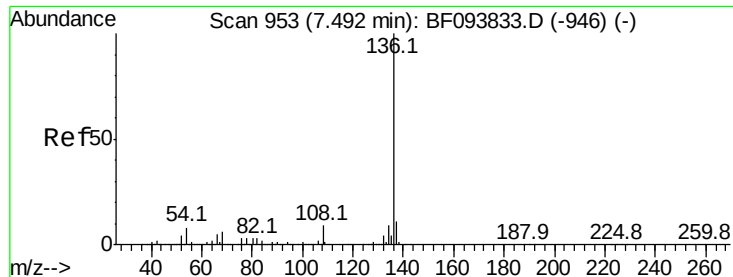
Abundance Ion 70.00 (69.70 to 70.70): BF0

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.41 min Scan# 939

Delta R.T. -0.05 min

Lab File: BF094071.D

Acq: 30 Mar 2017 21:21

Instrument :

BNA_F

ClientSampleId :

TP-6(9.5-10)

Tot Ion:136 Resp: 757330

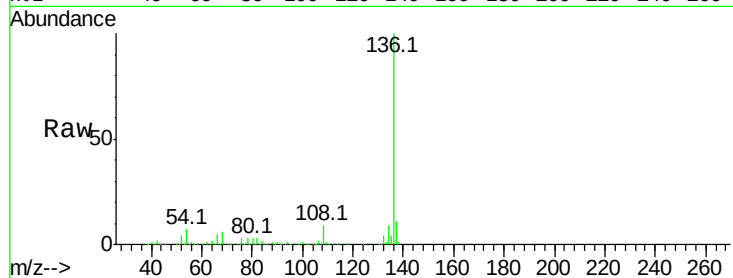
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.5 4.9 7.3#

68 6.3 4.1 6.1#

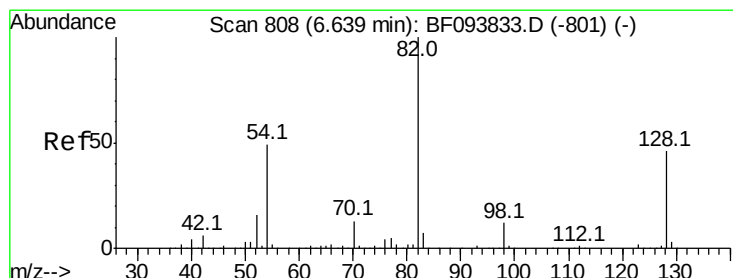
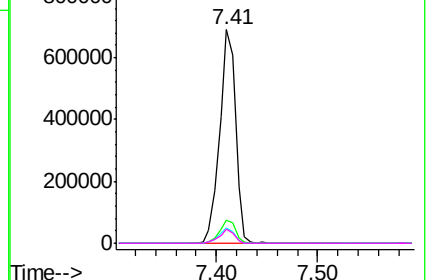
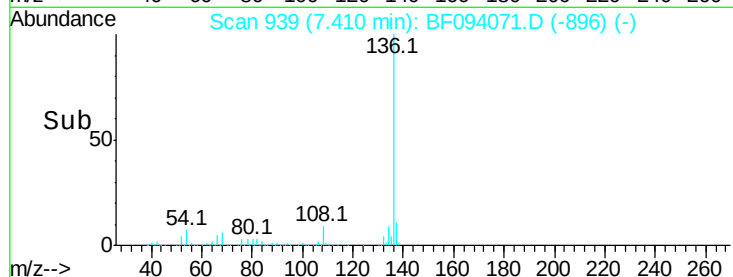


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.95 ng

RT: 6.56 min Scan# 794

Delta R.T. -0.05 min

Lab File: BF094071.D

Acq: 30 Mar 2017 21:21

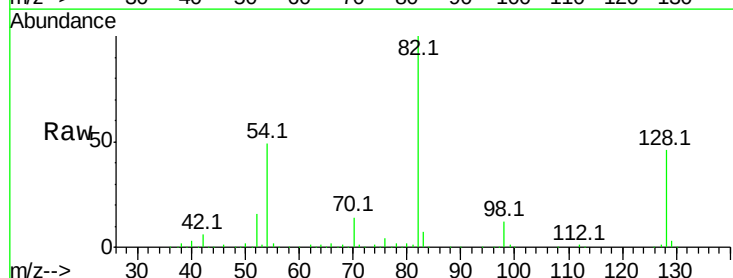
Tgt Ion: 82 Resp: 1034415

Ion Ratio Lower Upper

82 100

128 46.2 34.0 51.0

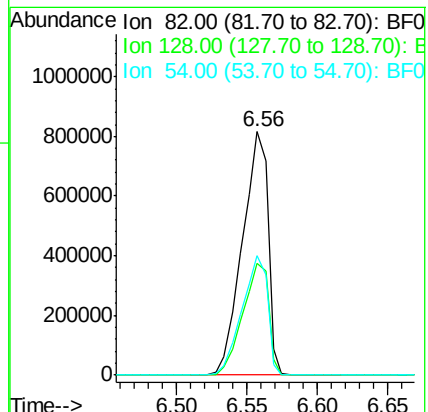
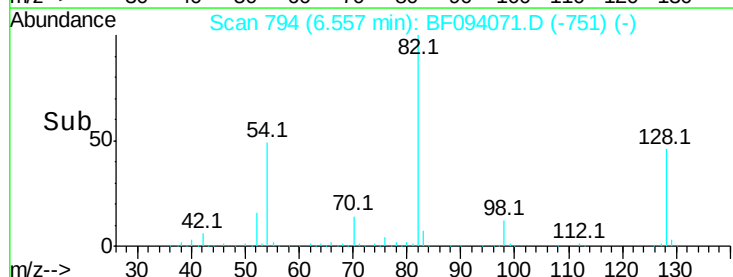
54 49.1 42.2 63.2

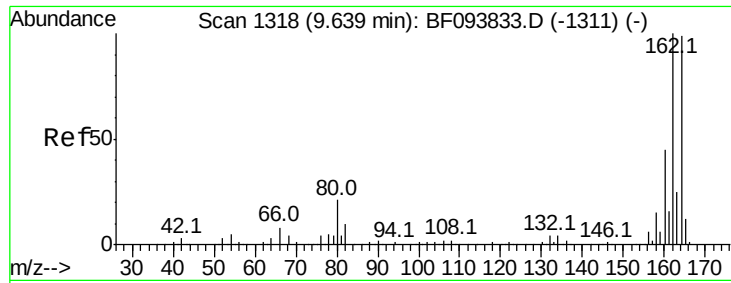


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

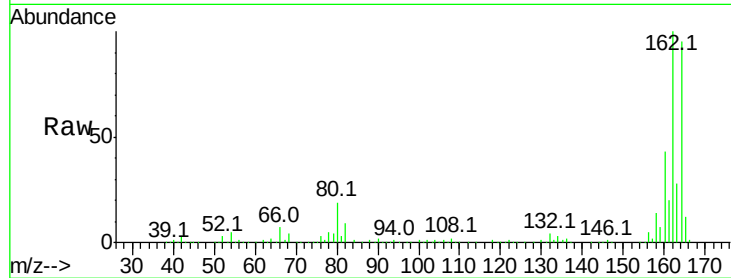




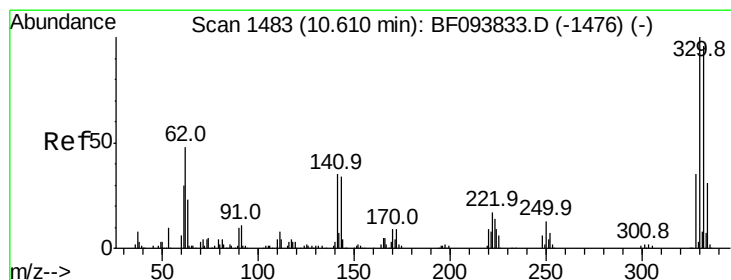
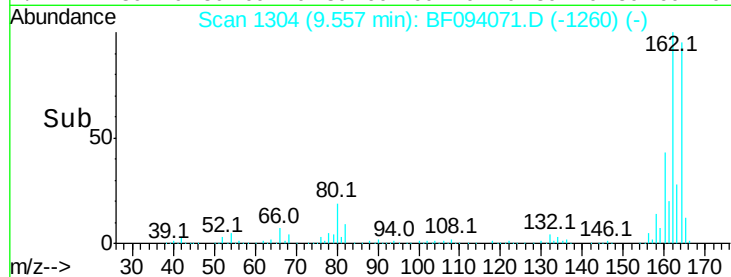
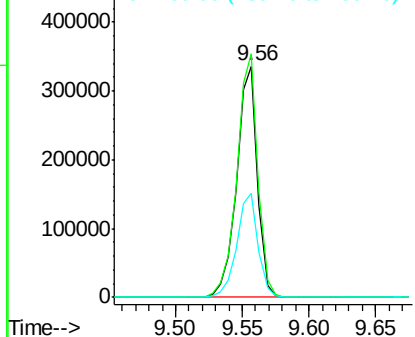
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.56 min Scan# 1304
 Delta R.T. -0.04 min
 Lab File: BF094071.D
 Acq: 30 Mar 2017 21:21

Instrument :
 BNA_F
 ClientSampleId :
 TP-6(9.5-10)

Tot Ion:164 Resp: 363511
 Ion Ratio Lower Upper
 164 100
 162 105.2 82.6 123.8
 160 45.1 36.2 54.2

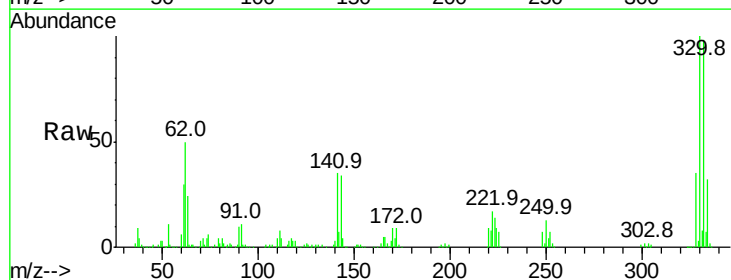


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

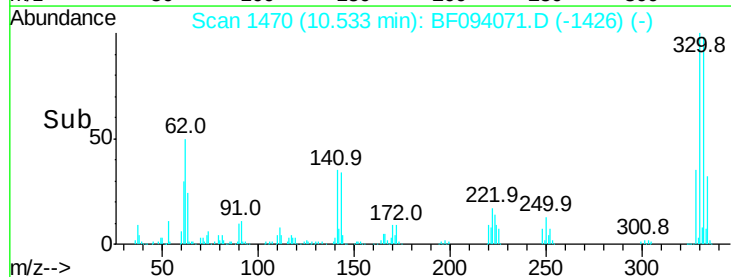
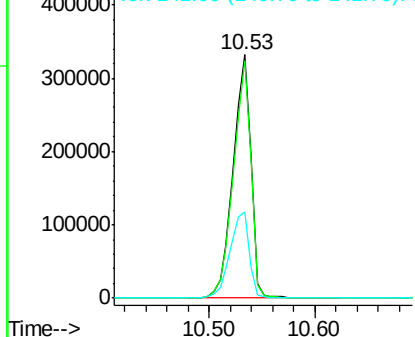


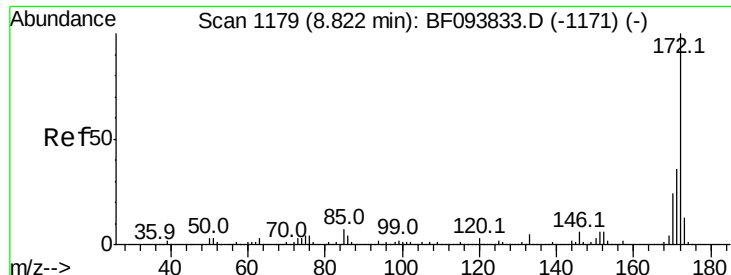
#41
 2,4,6-Tribromophenol
 Concen: 133.89 ng
 RT: 10.53 min Scan# 1470
 Delta R.T. -0.04 min
 Lab File: BF094071.D
 Acq: 30 Mar 2017 21:21

Tgt Ion:330 Resp: 384598
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 115.0
 141 38.3 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

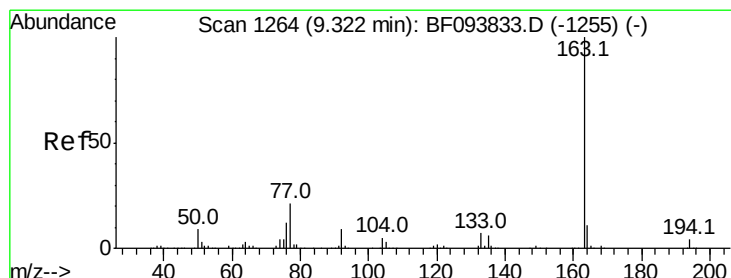
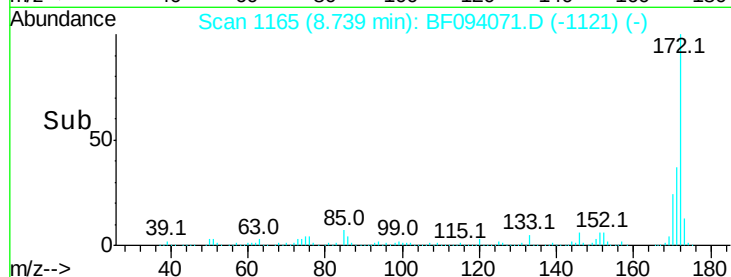
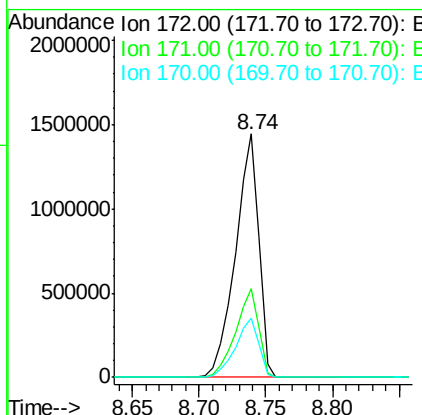
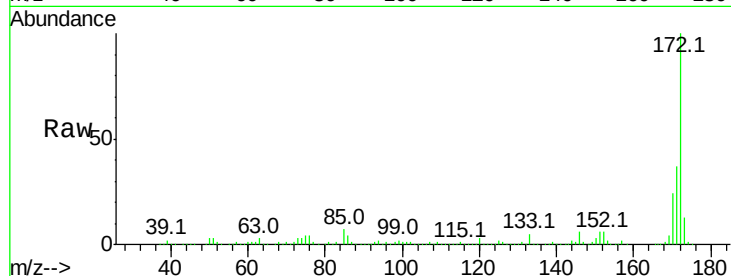




#44
2-Fluorobiphenyl
Concen: 73.88 ng
RT: 8.74 min Scan# 1165
Delta R.T. -0.04 min
Lab File: BF094071.D
Acq: 30 Mar 2017 21:21

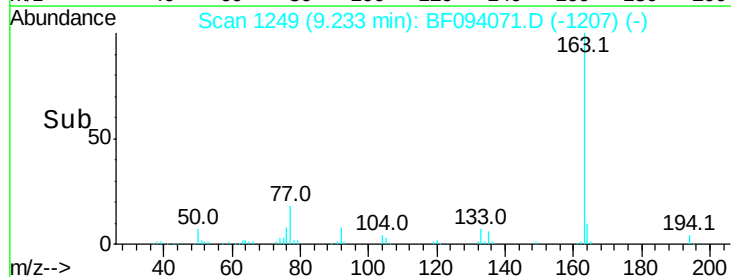
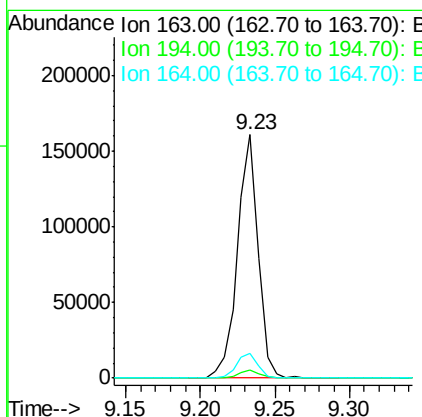
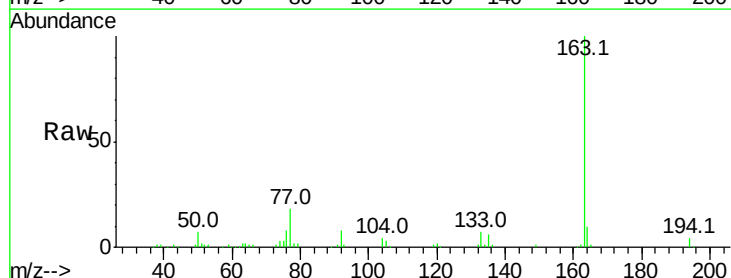
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TP-6(9.5-10)

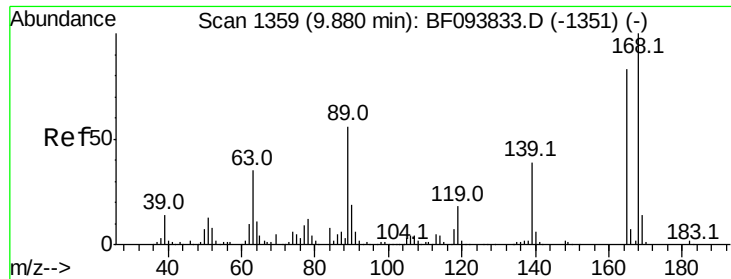
Tot Ion:172 Resp: 1760770
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 24.5 19.8 29.8



#49
Dimethylphthalate
Concen: 6.04 ng
RT: 9.23 min Scan# 1249
Delta R.T. -0.05 min
Lab File: BF094071.D
Acq: 30 Mar 2017 21:21

Tgt Ion:163 Resp: 156177
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.0 8.4 12.6

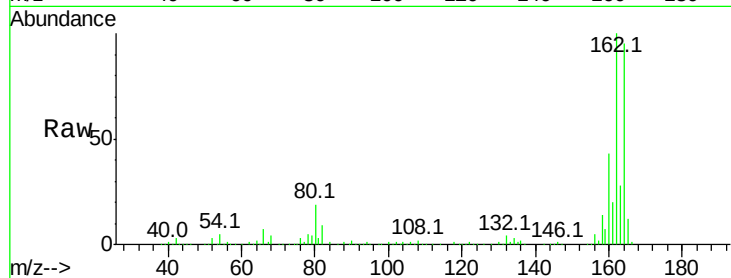




#56
 2,4-Dinitrotoluene
 Concen: 6.29 ng
 RT: 9.56 min Scan# 1304
 Delta R.T. -0.29 min
 Lab File: BF094071.D
 Acq: 30 Mar 2017 21:21

Instrument :
 BNA_F
 ClientSampleId :
 TP-6(9.5-10)

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	25.4	38.0#
89	2.0	46.4	69.6#
182	0.0	1.8	2.6#

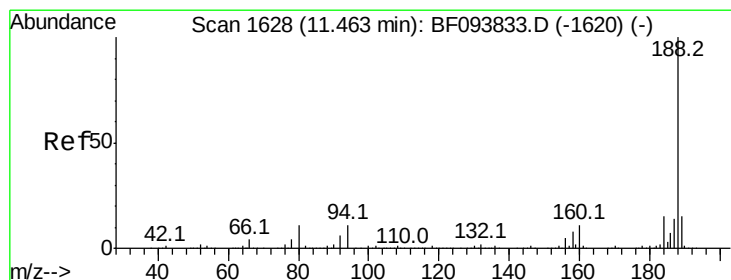
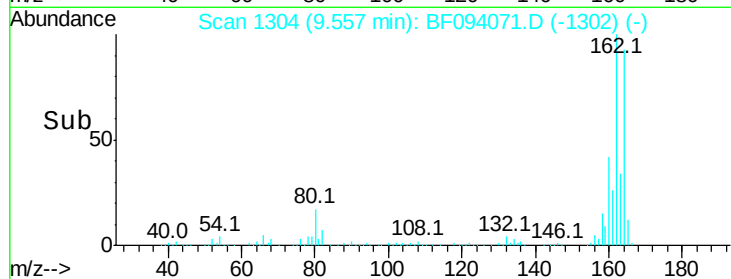
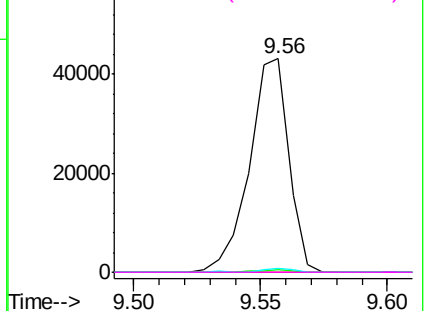


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

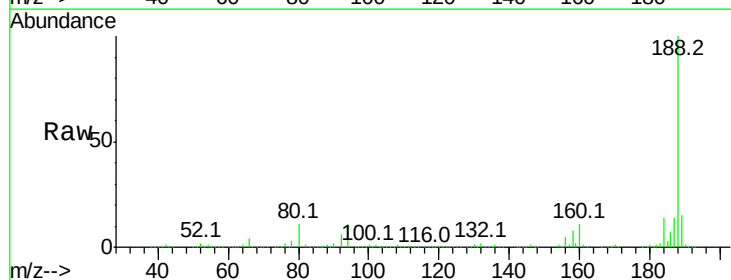
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 1614
 Delta R.T. -0.04 min
 Lab File: BF094071.D
 Acq: 30 Mar 2017 21:21

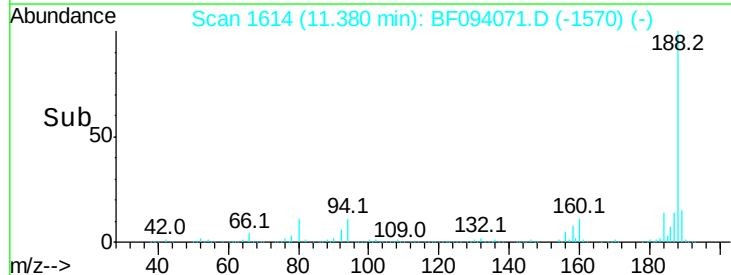
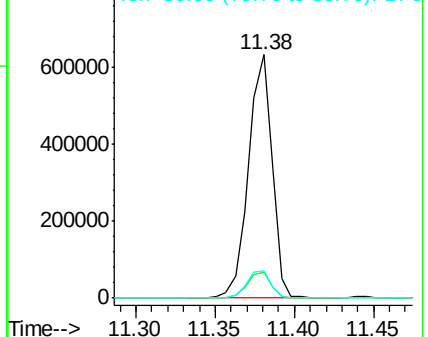
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.4	14.2
80	11.3	10.2	15.2

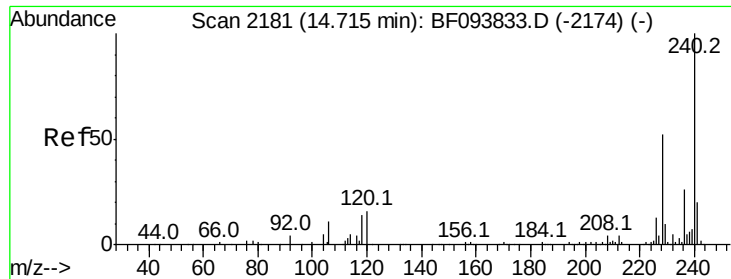


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.63 min Scan# 2167

Delta R.T. -0.05 min

Lab File: BF094071.D

Acq: 30 Mar 2017 21:21

Instrument :

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TP-6(9.5-10)

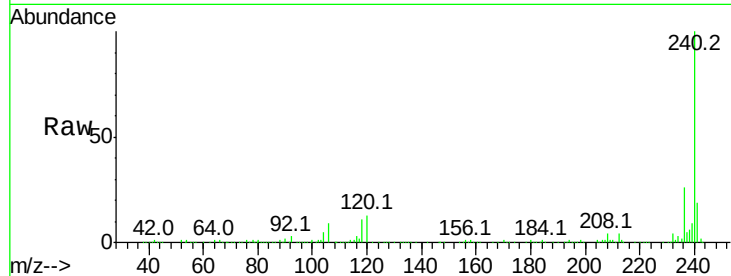
Tot Ion:240 Resp: 495834

Ion Ratio Lower Upper

240 100

120 13.2 5.8 8.8#

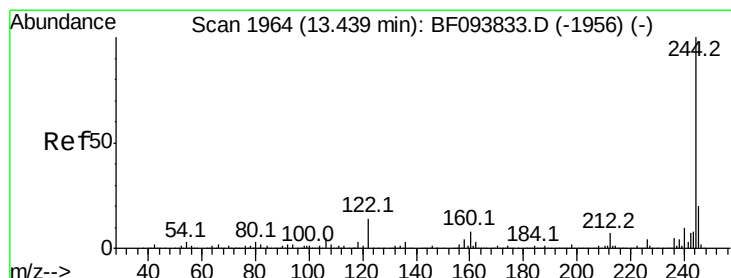
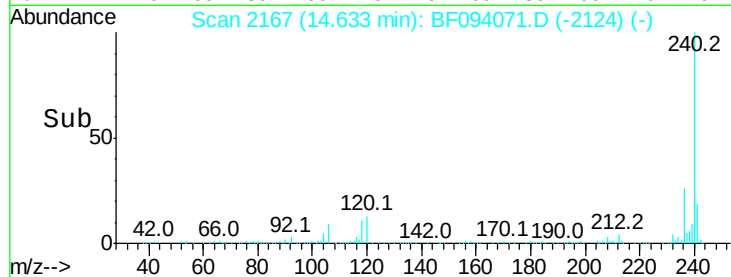
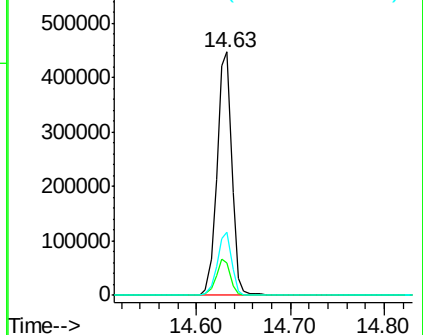
236 25.8 20.5 30.7



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: 63.91 ng

RT: 13.36 min Scan# 1951

Delta R.T. -0.04 min

Lab File: BF094071.D

Acq: 30 Mar 2017 21:21

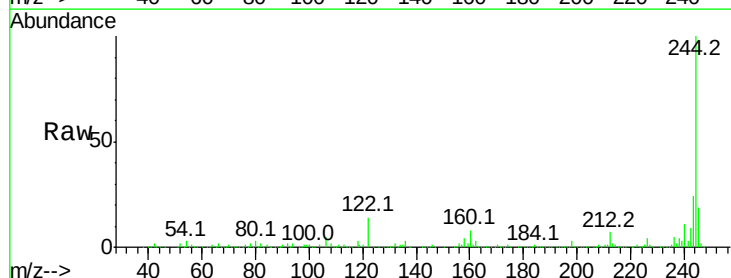
Tgt Ion:244 Resp: 1413637

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

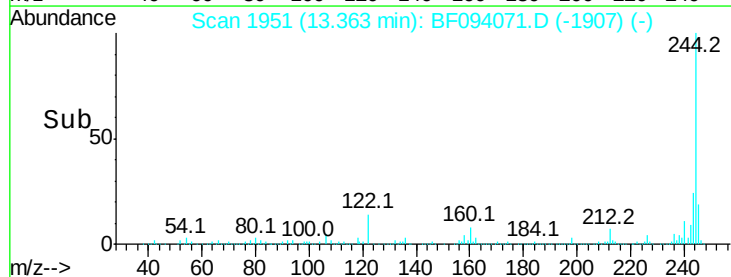
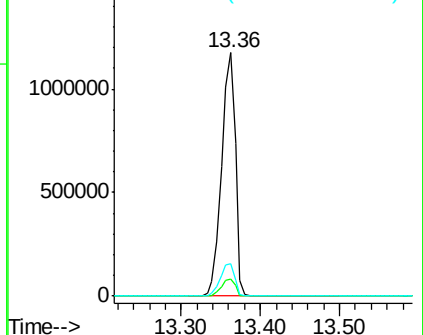
122 13.6 10.3 15.5

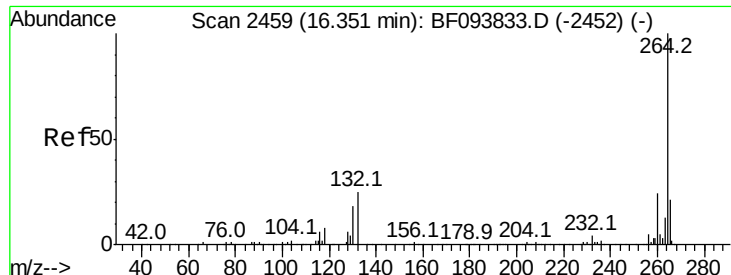


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.26 min Scan# 2444
 Delta R.T. -0.05 min
 Lab File: BF094071.D
 Acq: 30 Mar 2017 21:21

Instrument :
 BNA_F
 ClientSampleId :
 TP-6(9.5-10)

Tot Ion:	264	Resp:	352047
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	22.2	17.2	25.8

