

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033017\
 Data File : BF094069.D
 Acq On : 30 Mar 2017 20:26
 Operator : SJ/MA
 Sample : I2416-17
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9(7.5-8)

Quant Time: Mar 31 01:51:29 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

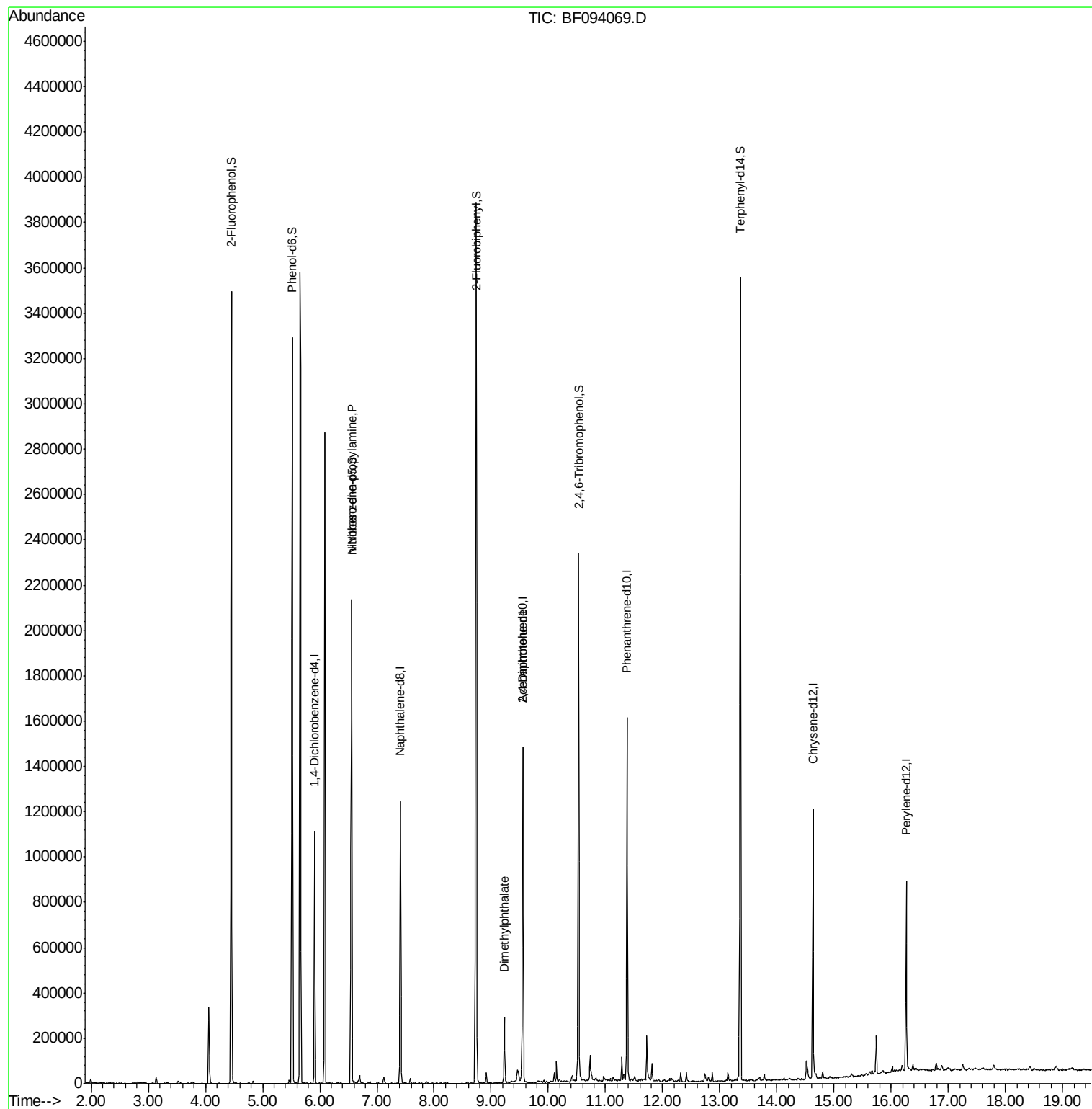
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.91	152	177144	20.00	ng	-0.04
21) Naphthalene-d8	7.41	136	723105	20.00	ng	-0.05
38) Acenaphthene-d10	9.56	164	346893	20.00	ng	-0.04
63) Phenanthrene-d10	11.38	188	623042	20.00	ng	-0.04
75) Chrysene-d12	14.63	240	464510	20.00	ng	-0.05
86) Perylene-d12	16.26	264	332126	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	4.46	112	1129040	107.65	ng	-0.02
7) Phenol-d6	5.52	99	1449166	111.69	ng	-0.03
23) Nitrobenzene-d5	6.56	82	915950	72.29	ng	-0.05
41) 2,4,6-Tribromophenol	10.53	330	347290	126.69	ng	-0.04
44) 2-Fluorobiphenyl	8.74	172	1643563	72.27	ng	-0.04
78) Terphenyl-d14	13.36	244	1317727	63.59	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.56	70	120736	14.48	ng	# 77
49) Dimethylphthalate	9.23	163	134802	5.47	ng	99
56) 2,4-Dinitrotoluene	9.56	165	44035	6.20	ng	# 33

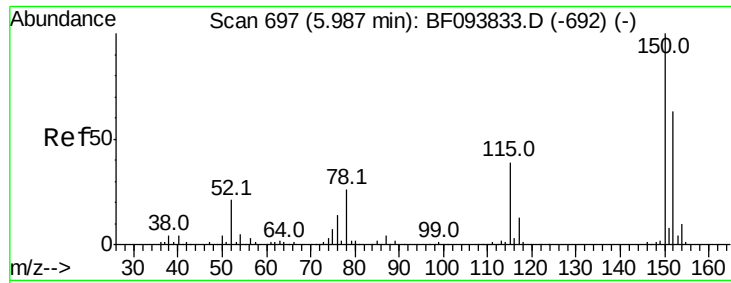
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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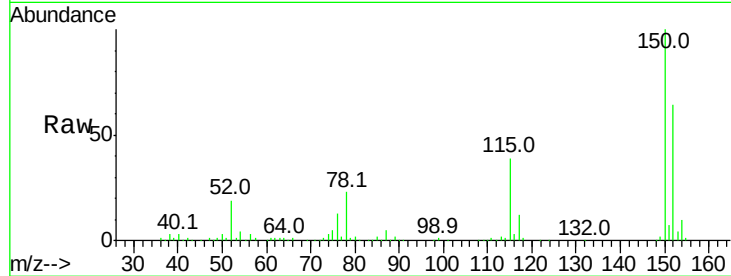


#1

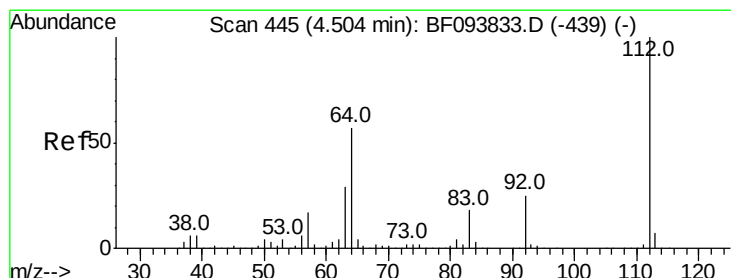
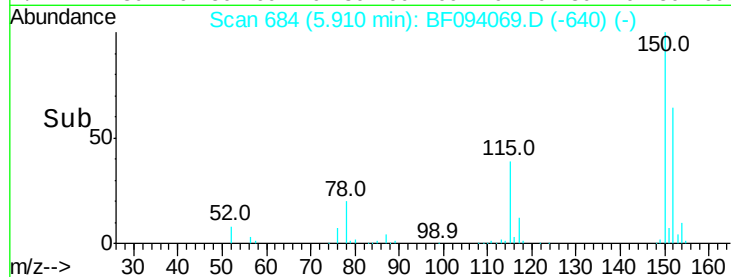
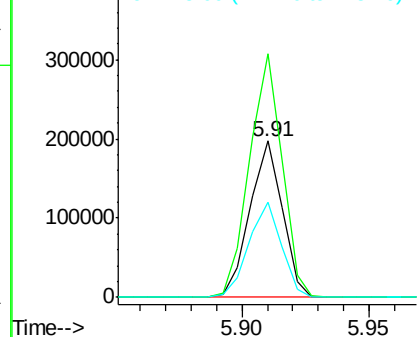
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.91 min Scan# 684
 Delta R.T. -0.04 min
 Lab File: BF094069.D
 Acq: 30 Mar 2017 20:26

Instrument :
 BNA_F
 ClientSampleId :
 TP-9(7.5-8)

Tot Ion:152 Resp: 177144
 Ion Ratio Lower Upper
 152 100
 150 155.9 126.2 189.2
 115 60.6 52.2 78.2



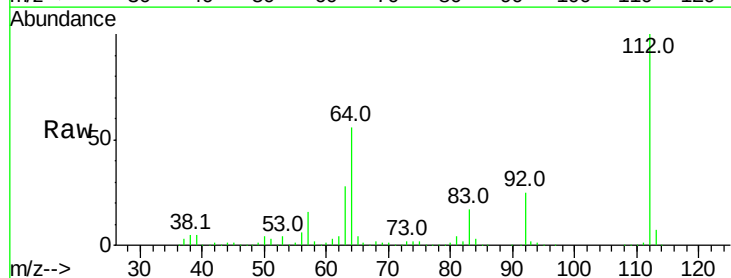
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



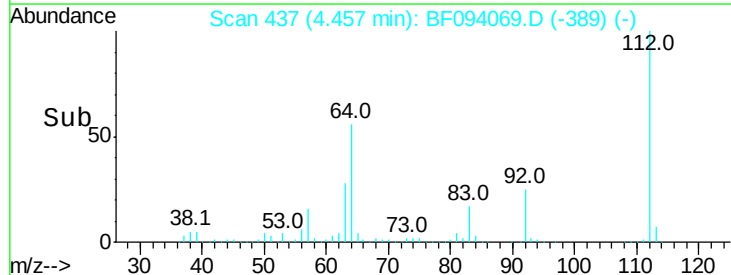
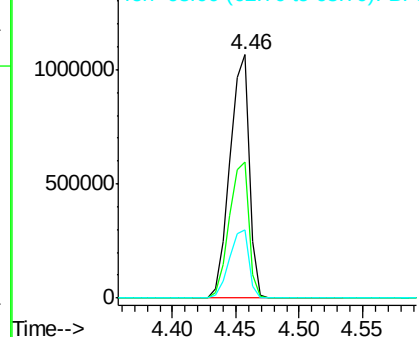
#5

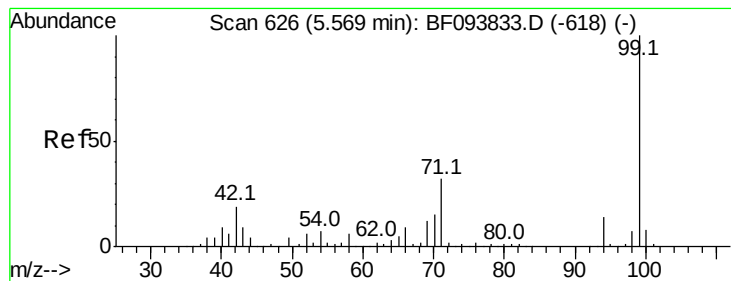
2-Fluorophenol
 Concen: 107.65 ng
 RT: 4.46 min Scan# 437
 Delta R.T. -0.02 min
 Lab File: BF094069.D
 Acq: 30 Mar 2017 20:26

Tgt Ion:112 Resp: 1129040
 Ion Ratio Lower Upper
 112 100
 64 55.7 46.0 69.0
 63 28.1 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: 111.69 ng

RT: 5.52 min Scan# 618

Delta R.T. -0.03 min

Lab File: BF094069.D

Acq: 30 Mar 2017 20:26

Instrument :

BNA_F

ClientSampleId :

TP-9(7.5-8)

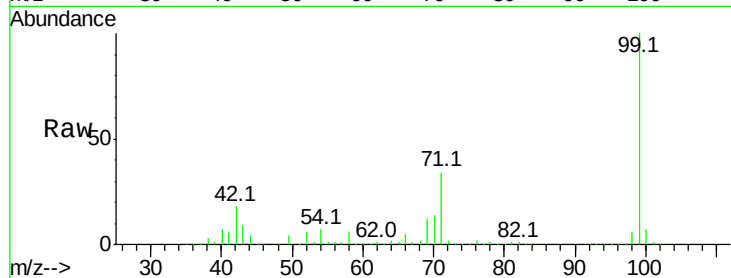
Tot Ion: 99 Resp: 1449166

Ion Ratio Lower Upper

99 100

42 17.8 13.5 20.3

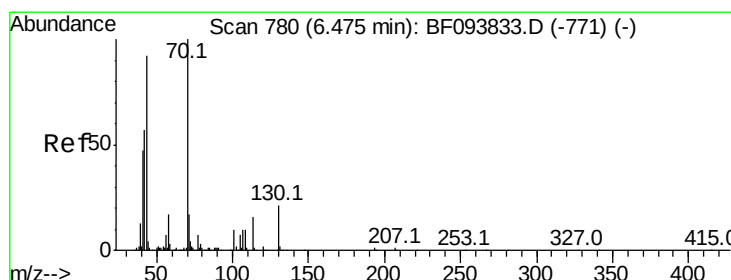
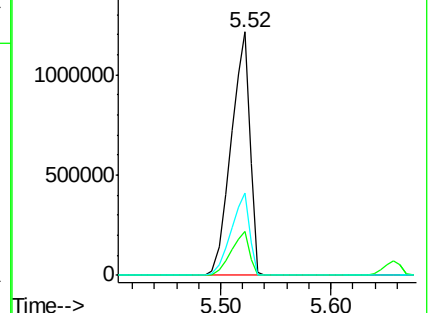
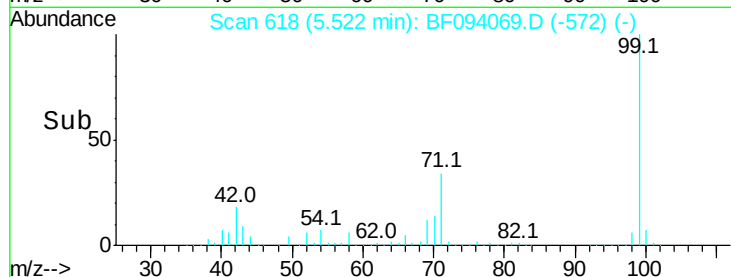
71 33.6 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.48 ng

RT: 6.56 min Scan# 794

Delta R.T. 0.12 min

Lab File: BF094069.D

Acq: 30 Mar 2017 20:26

Tgt Ion: 70 Resp: 120736

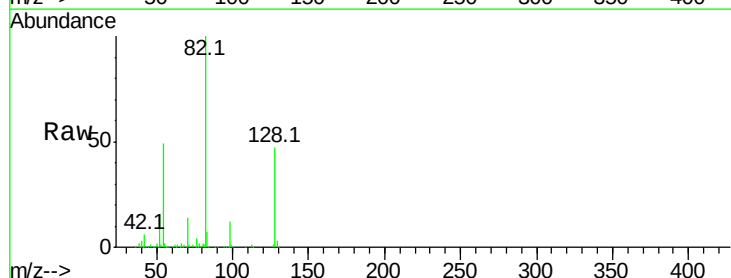
Ion Ratio Lower Upper

70 100

42 45.9 47.2 70.8#

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

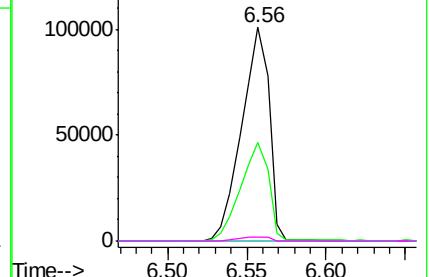
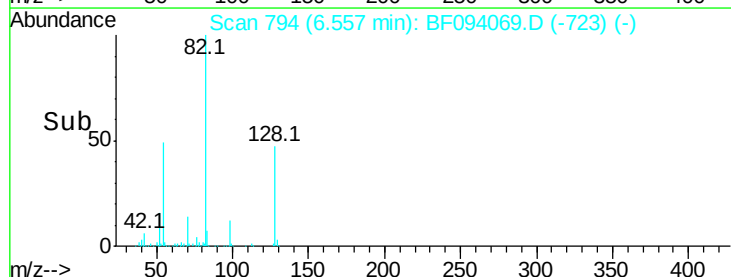


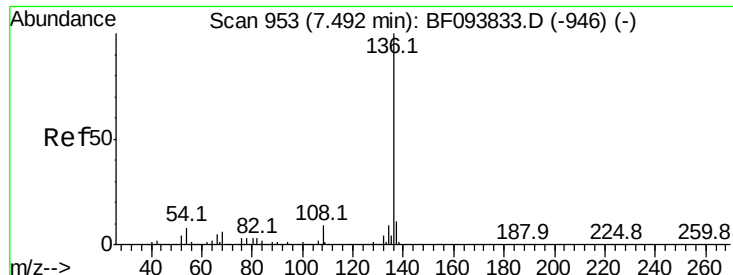
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF094069.D

Acq: 30 Mar 2017 20:26

Instrument :

BNA_F

ClientSampleId :

TP-9(7.5-8)

Tot Ion:136 Resp: 723105

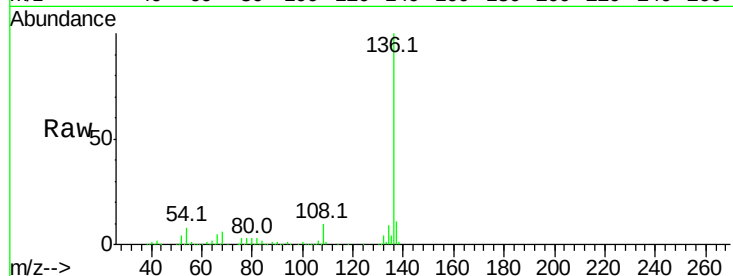
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.8 4.9 7.3#

68 6.3 4.1 6.1#

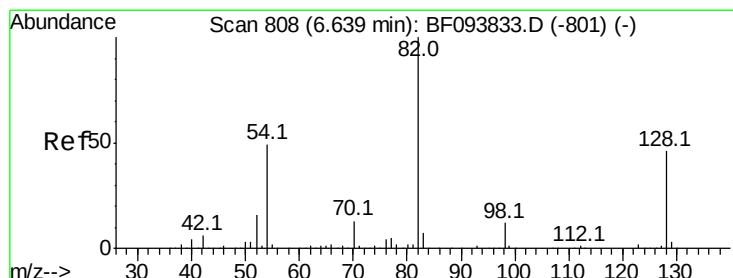
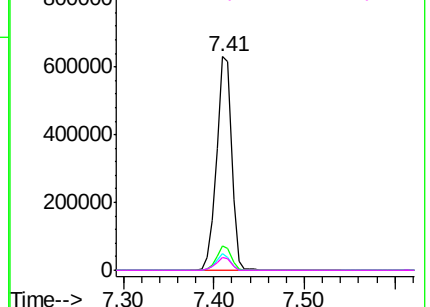
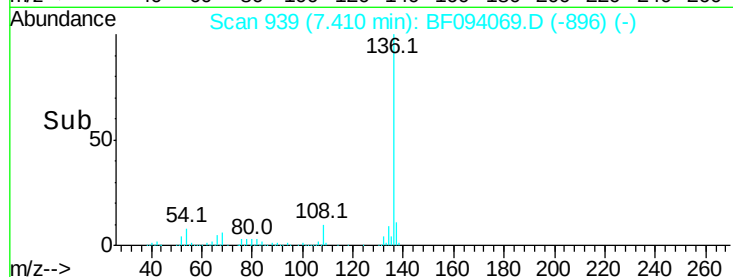


Abundance Ion 136.00 (135.70 to 136.70): E

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: 72.29 ng

RT: 6.56 min Scan# 794

Delta R.T. -0.05 min

Lab File: BF094069.D

Acq: 30 Mar 2017 20:26

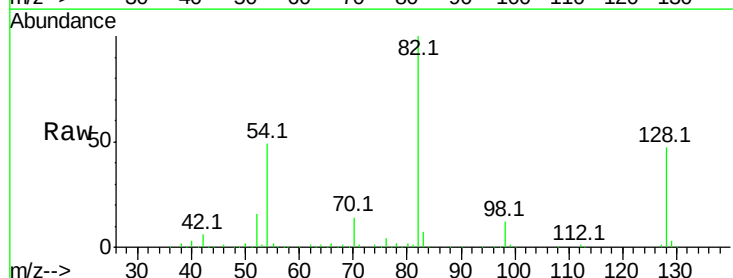
Tgt Ion: 82 Resp: 915950

Ion Ratio Lower Upper

82 100

128 46.8 34.0 51.0

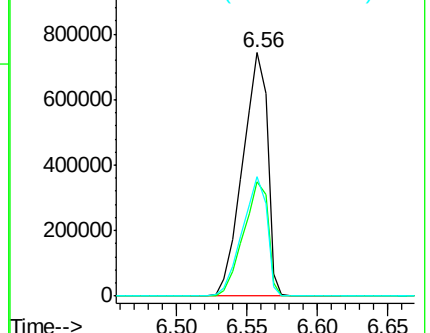
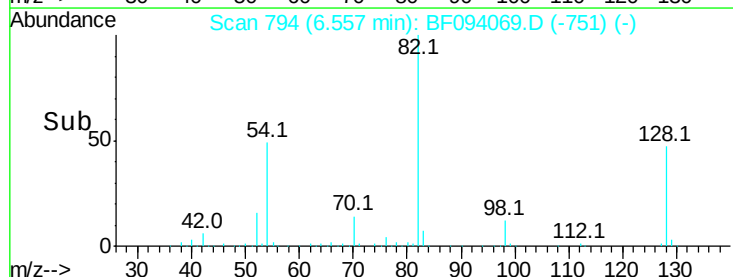
54 49.2 42.2 63.2

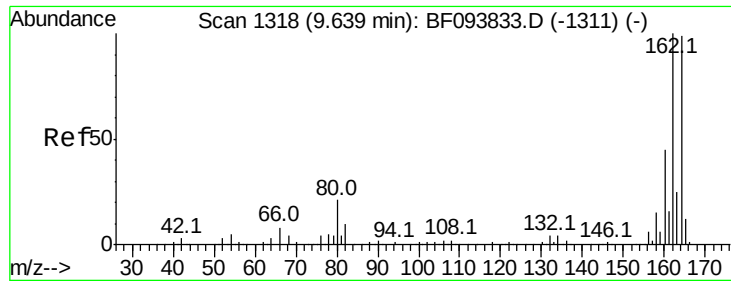


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

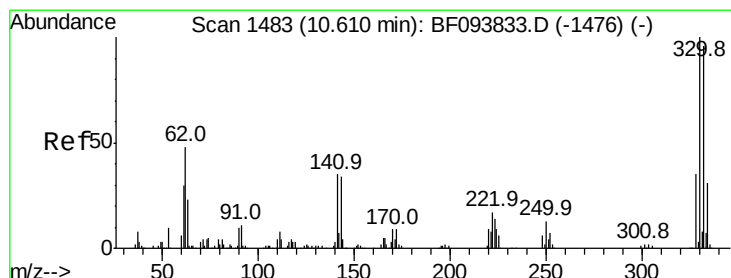
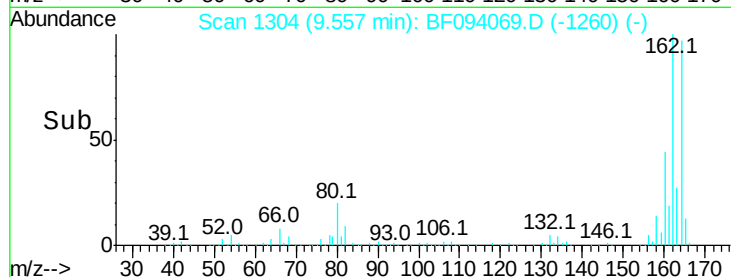
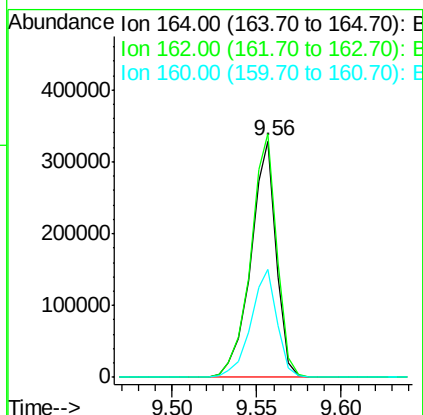
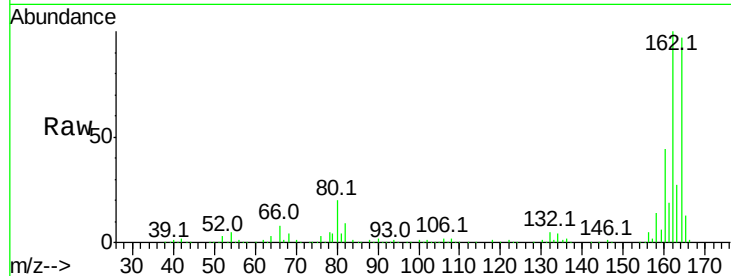




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.56 min Scan# 1304
 Delta R.T. -0.04 min
 Lab File: BF094069.D
 Acq: 30 Mar 2017 20:26

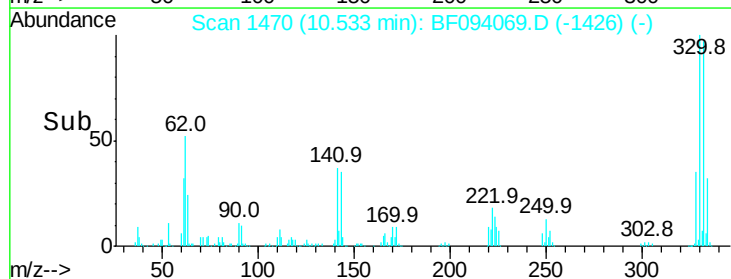
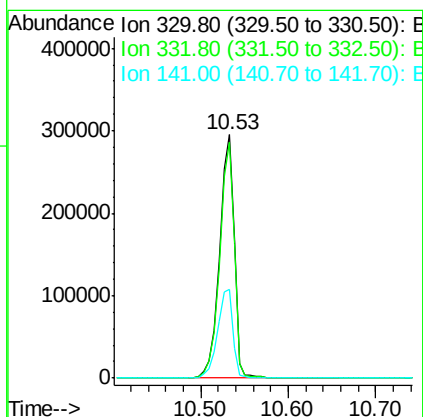
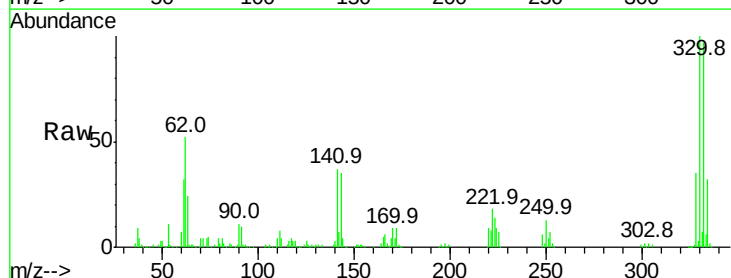
Instrument :
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 TP-9(7.5-8)

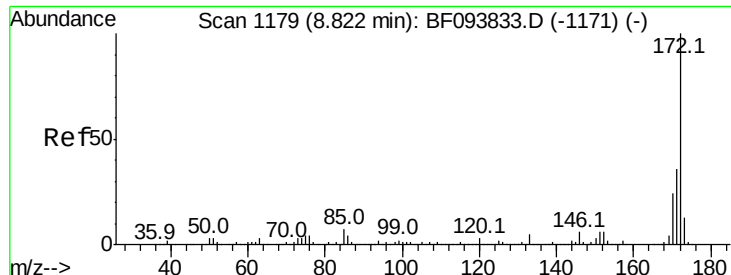
Tot Ion:164 Resp: 346893
 Ion Ratio Lower Upper
 164 100
 162 102.9 82.6 123.8
 160 45.6 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 126.69 ng
 RT: 10.53 min Scan# 1470
 Delta R.T. -0.04 min
 Lab File: BF094069.D
 Acq: 30 Mar 2017 20:26

Tgt Ion:330 Resp: 347290
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 115.0
 141 38.3 31.4 47.2

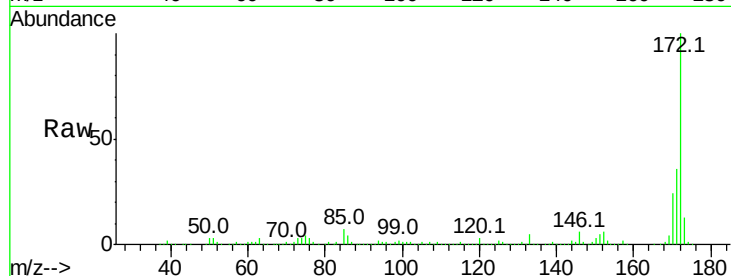




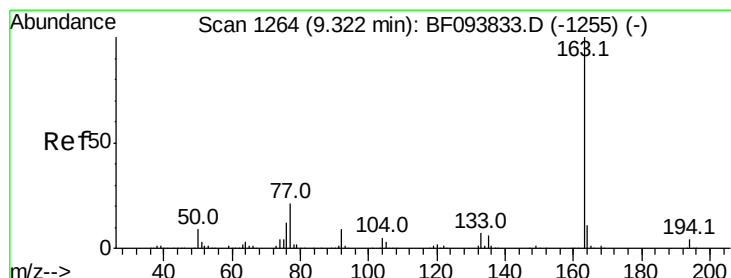
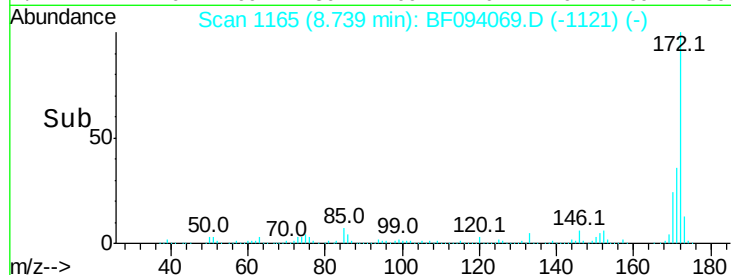
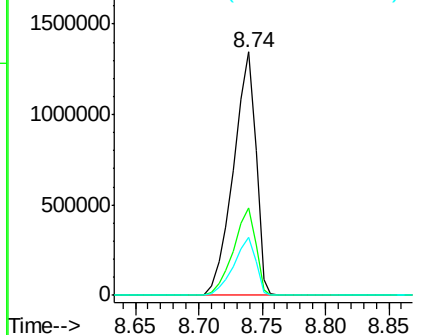
#44
2-Fluorobiphenyl
Concen: 72.27 ng
RT: 8.74 min Scan# 1165
Delta R.T. -0.04 min
Lab File: BF094069.D
Acq: 30 Mar 2017 20:26

Instrument :
BNA_F
ClientSampleId :
TP-9(7.5-8)

Tot Ion:172 Resp: 1643563
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 23.7 19.8 29.8

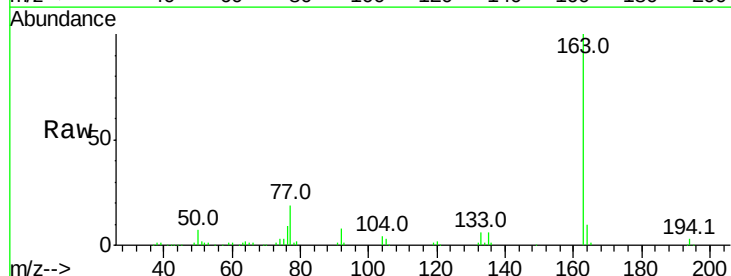


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

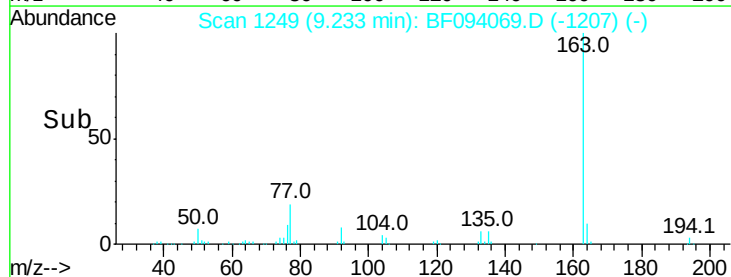
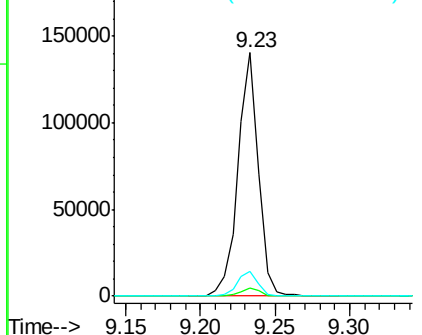


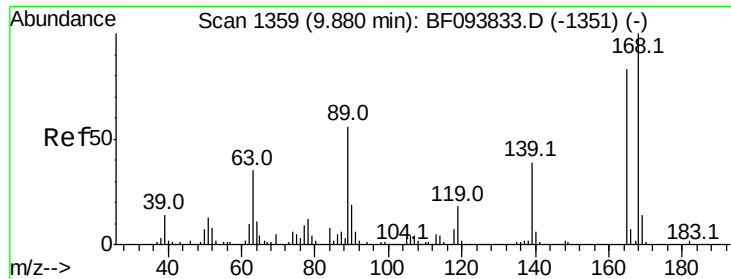
#49
Dimethylphthalate
Concen: 5.47 ng
RT: 9.23 min Scan# 1249
Delta R.T. -0.05 min
Lab File: BF094069.D
Acq: 30 Mar 2017 20:26

Tgt Ion:163 Resp: 134802
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.2 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





#56

2,4-Dinitrotoluene

Concen: 6.20 ng

RT: 9.56 min Scan# 1304

Delta R.T. -0.29 min

Lab File: BF094069.D

Acq: 30 Mar 2017 20:26

Instrument :

BNA_F

ClientSampleId :

TP-9(7.5-8)

Tot Ion:165 Resp: 44035

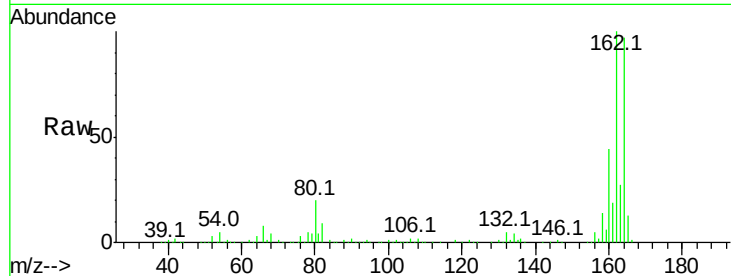
Ion Ratio Lower Upper

165 100

63 1.4 25.4 38.0#

89 1.7 46.4 69.6#

182 0.0 1.8 2.6#

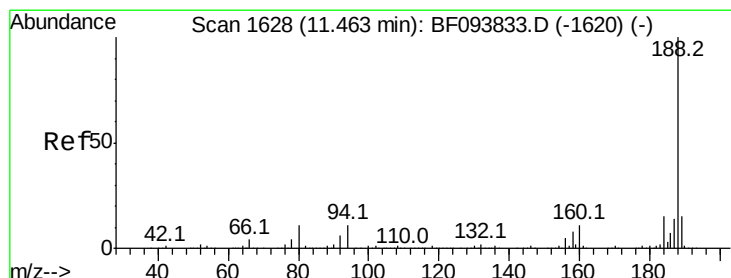
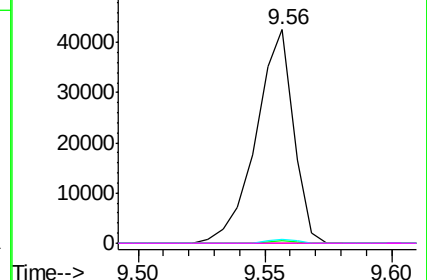
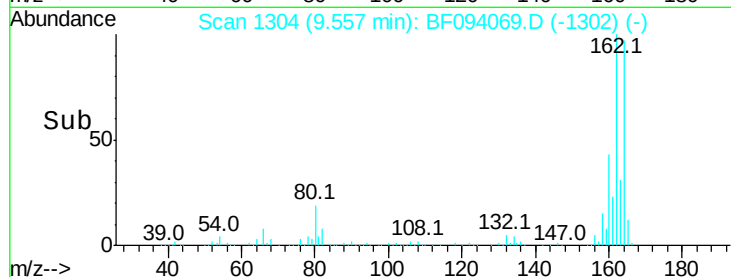


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF094069.D

Acq: 30 Mar 2017 20:26

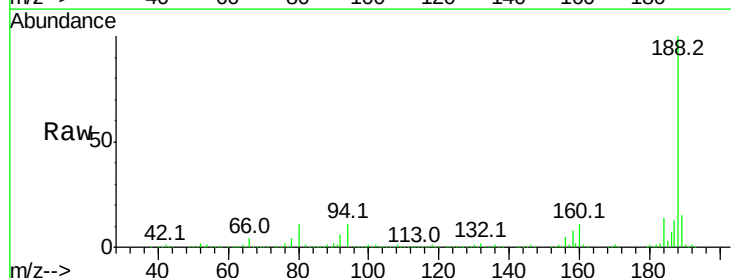
Tgt Ion:188 Resp: 623042

Ion Ratio Lower Upper

188 100

94 10.9 9.4 14.2

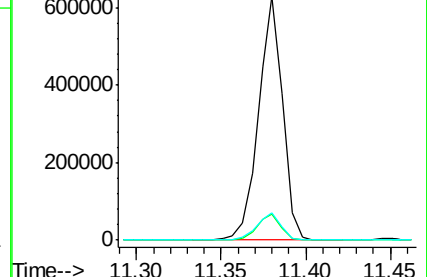
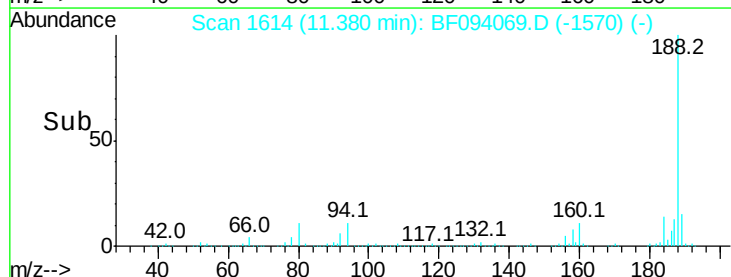
80 11.5 10.2 15.2

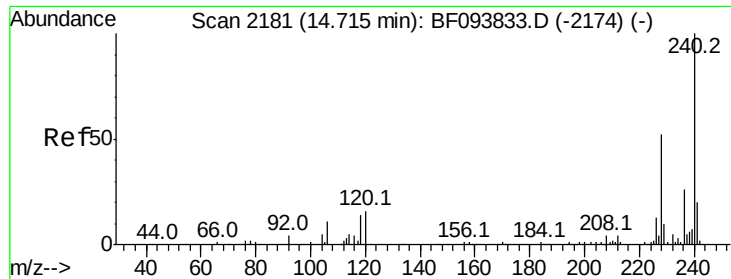


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

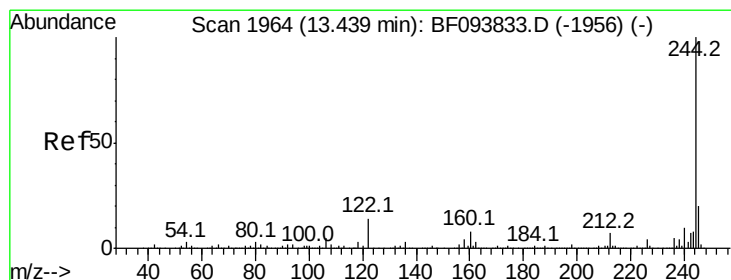
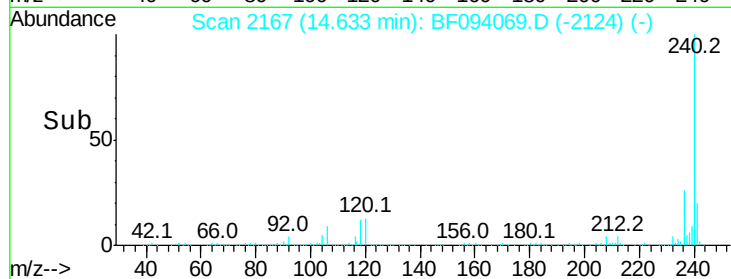
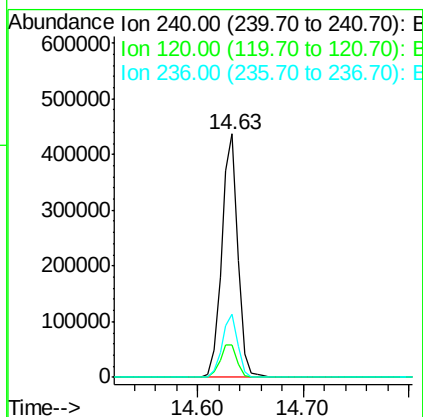
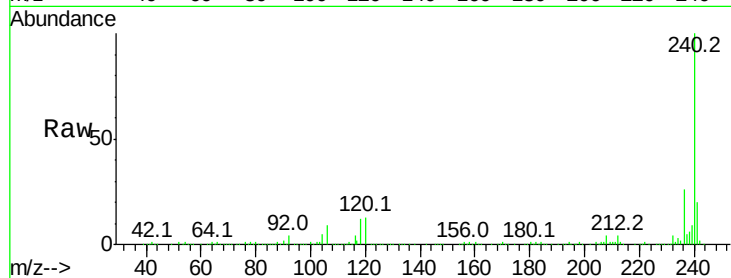




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.63 min Scan# 2167
 Delta R.T. -0.05 min
 Lab File: BF094069.D
 Acq: 30 Mar 2017 20:26

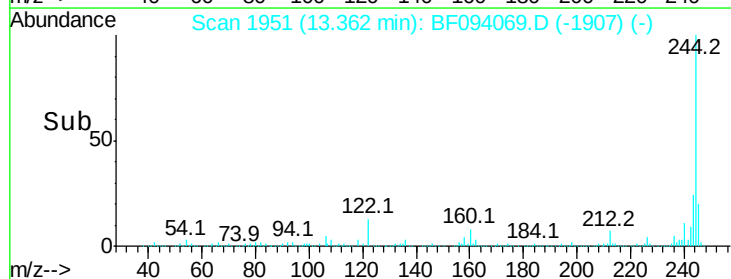
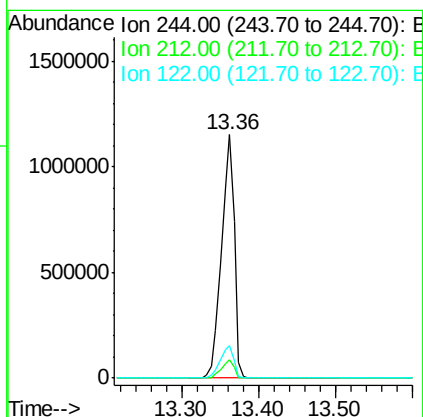
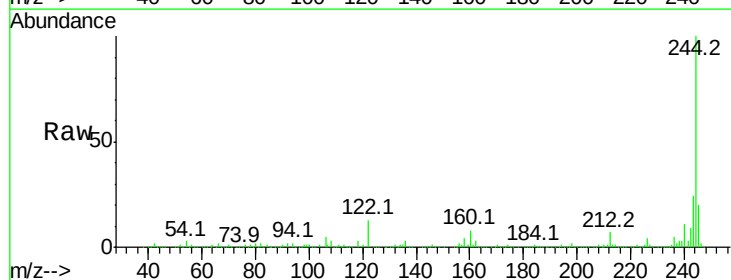
Instrument :
 BNA_F
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 TP-9(7.5-8)

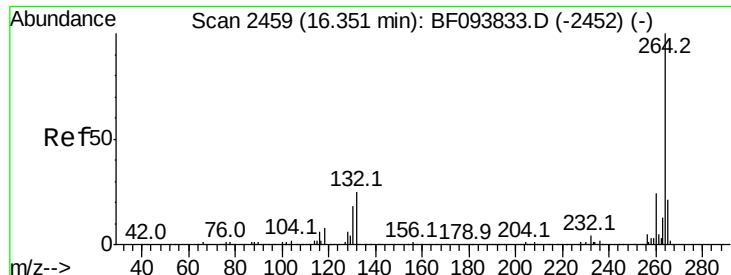
Tot Ion:240 Resp: 464510
 Ion Ratio Lower Upper
 240 100
 120 13.1 5.8 8.8#
 236 25.8 20.5 30.7



#78
 Terphenyl-d14
 Concen: 63.59 ng
 RT: 13.36 min Scan# 1951
 Delta R.T. -0.04 min
 Lab File: BF094069.D
 Acq: 30 Mar 2017 20:26

Tgt Ion:244 Resp: 1317727
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 13.4 10.3 15.5

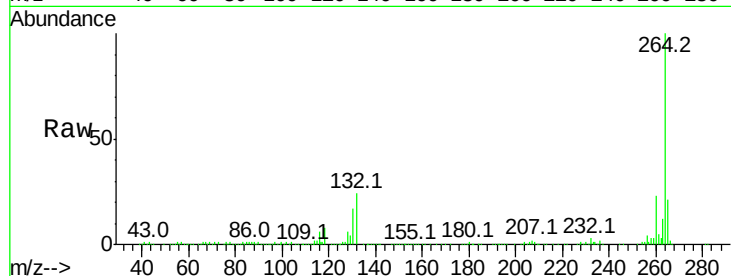




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.26 min Scan# 2444
Delta R.T. -0.05 min
Lab File: BF094069.D
Acq: 30 Mar 2017 20:26

Instrument :
BNA_F
ClientSampleId :
TP-9(7.5-8)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	21.3	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

