

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033017\
 Data File : BF094070.D
 Acq On : 30 Mar 2017 20:54
 Operator : SJ/MA
 Sample : I2416-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4(1.5-2)

Quant Time: Mar 31 01:51:39 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

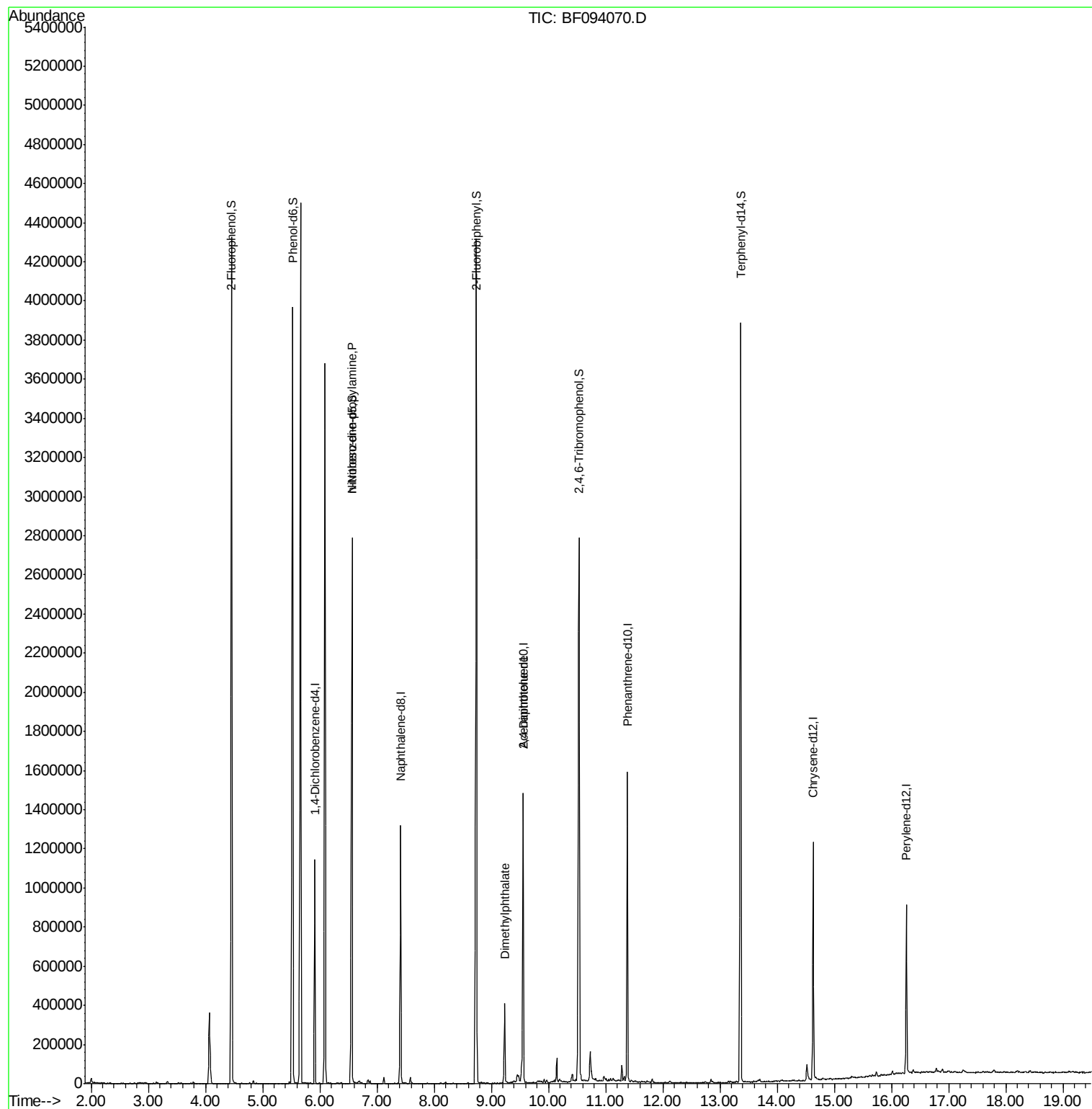
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.91	152	184369	20.00	ng	-0.04
21) Naphthalene-d8	7.41	136	751335	20.00	ng	-0.05
38) Acenaphthene-d10	9.56	164	359534	20.00	ng	-0.04
63) Phenanthrene-d10	11.38	188	643669	20.00	ng	-0.04
75) Chrysene-d12	14.63	240	485751	20.00	ng	-0.05
86) Perylene-d12	16.26	264	342018	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	4.46	112	1497394	137.18	ng	-0.02
7) Phenol-d6	5.53	99	1901411	140.80	ng	-0.02
23) Nitrobenzene-d5	6.56	82	1245516	94.60	ng	-0.04
41) 2,4,6-Tribromophenol	10.53	330	437048	153.83	ng	-0.04
44) 2-Fluorobiphenyl	8.74	172	1857535	78.80	ng	-0.04
78) Terphenyl-d14	13.36	244	1497633	69.11	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.56	70	165273	19.04	ng	# 78
49) Dimethylphthalate	9.23	163	188213	7.36	ng	99
56) 2,4-Dinitrotoluene	9.56	165	46170	6.27	ng	# 33

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

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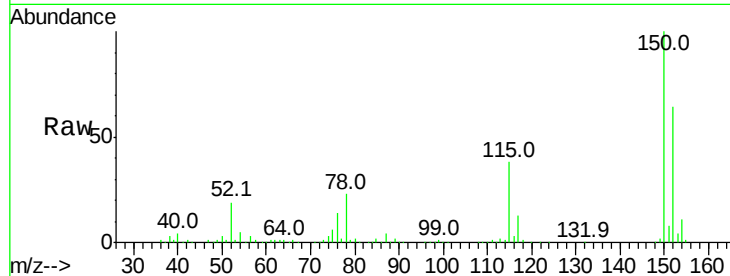


#1

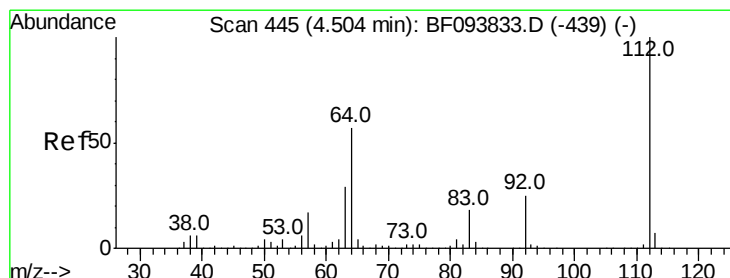
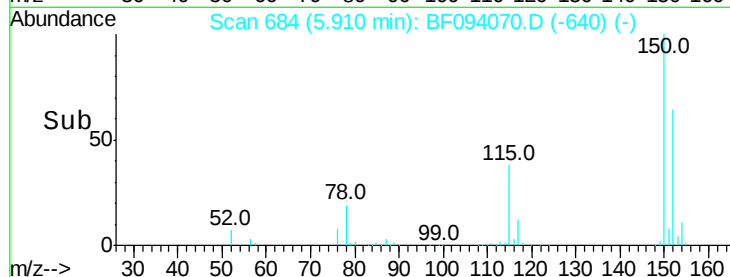
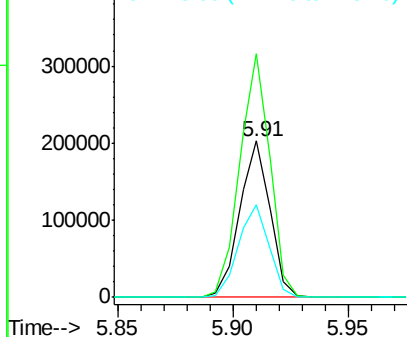
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.91 min Scan# 684
Delta R.T. -0.04 min
Lab File: BF094070.D
Acq: 30 Mar 2017 20:54

Instrument :
BNA_F
ClientSampleId :
TP-4(1.5-2)

Tot Ion:152 Resp: 184369
Ion Ratio Lower Upper
152 100
150 155.8 126.2 189.2
115 59.6 52.2 78.2



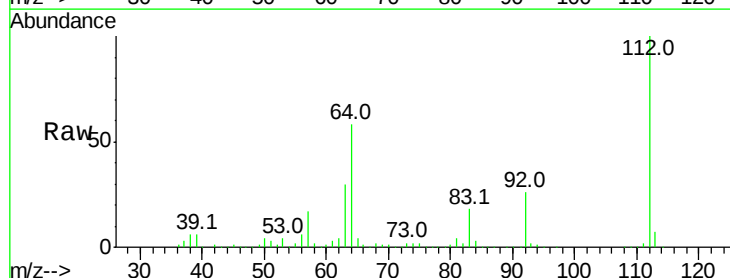
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



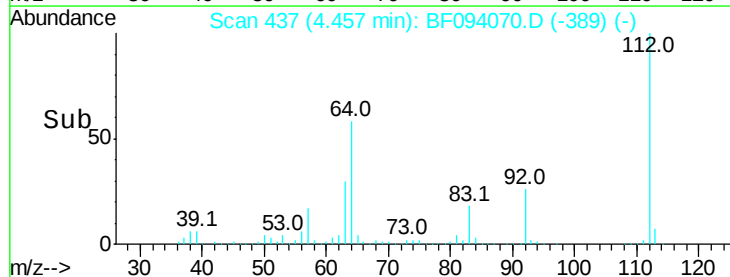
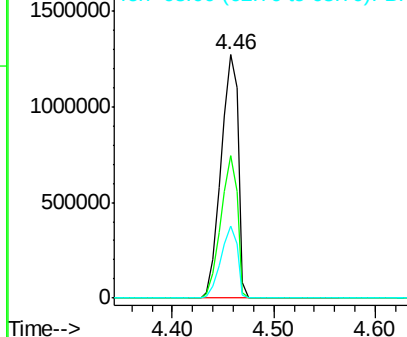
#5

2-Fluorophenol
Concen: 137.18 ng
RT: 4.46 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF094070.D
Acq: 30 Mar 2017 20:54

Tgt Ion:112 Resp: 1497394
Ion Ratio Lower Upper
112 100
64 58.4 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: 140.80 ng

RT: 5.53 min Scan# 619

Delta R.T. -0.02 min

Lab File: BF094070.D

Acq: 30 Mar 2017 20:54

Instrument :

BNA_F

ClientSampleId :

TP-4(1.5-2)

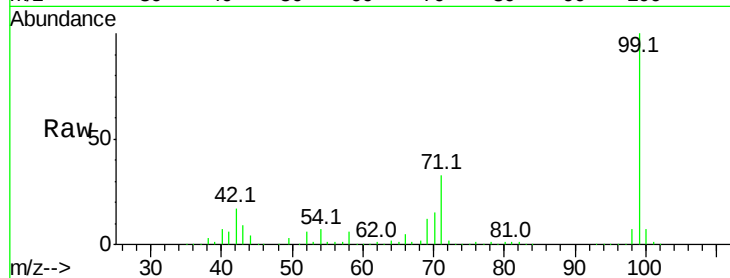
Tot Ion: 99 Resp: 1901411

Ion Ratio Lower Upper

99 100

42 17.1 13.5 20.3

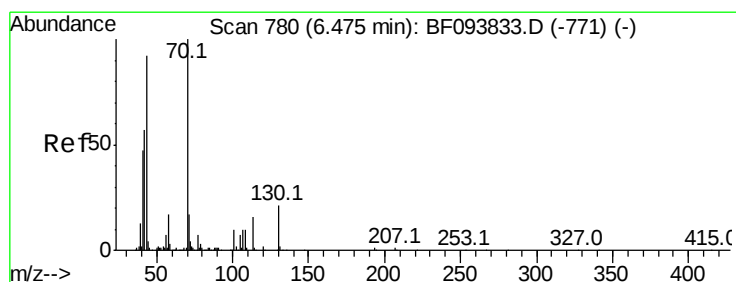
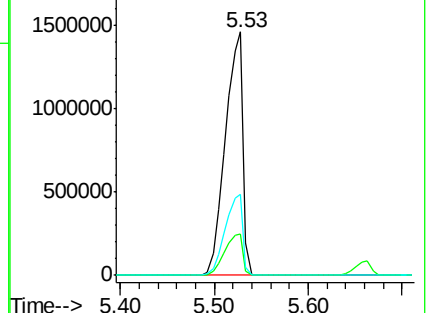
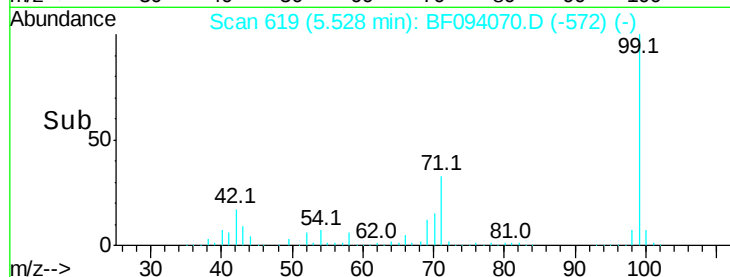
71 33.4 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 19.04 ng

RT: 6.56 min Scan# 795

Delta R.T. 0.12 min

Lab File: BF094070.D

Acq: 30 Mar 2017 20:54

Tgt Ion: 70 Resp: 165273

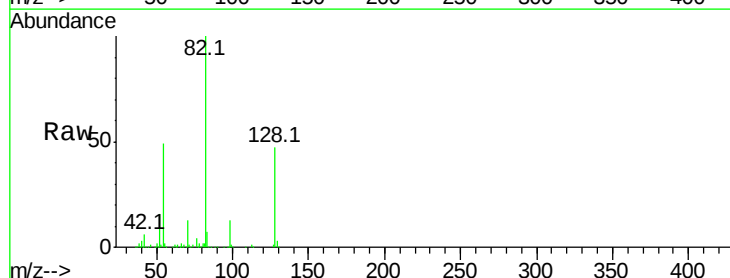
Ion Ratio Lower Upper

70 100

42 46.7 47.2 70.8#

101 0.0 7.2 10.8#

130 2.6 15.9 23.9#

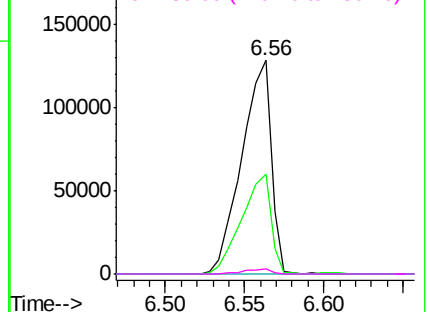
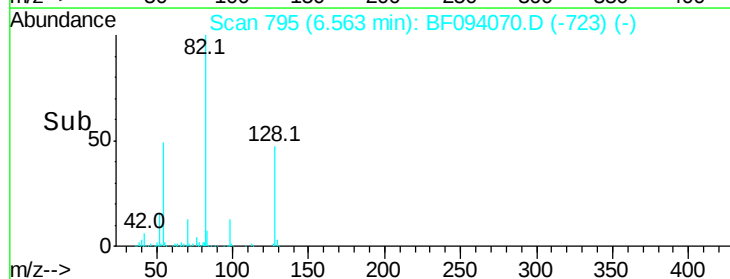


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF094070.D

Acq: 30 Mar 2017 20:54

Instrument :

BNA_F

ClientSampleId :

TP-4(1.5-2)

Tot Ion:136 Resp: 751335

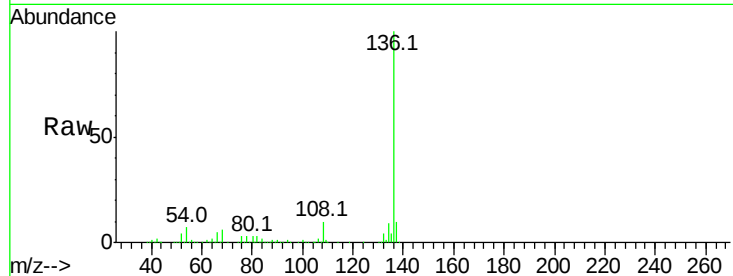
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 7.5 4.9 7.3#

68 6.0 4.1 6.1

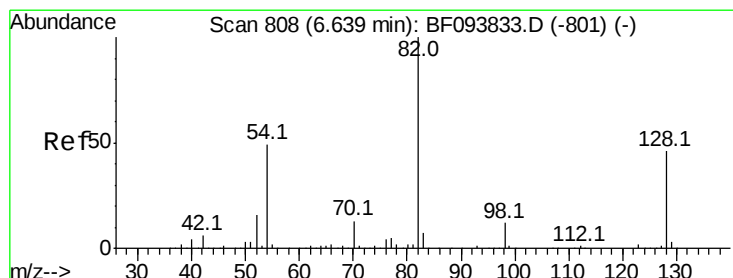
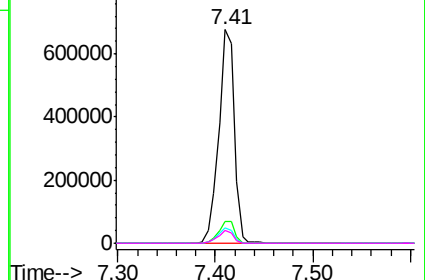
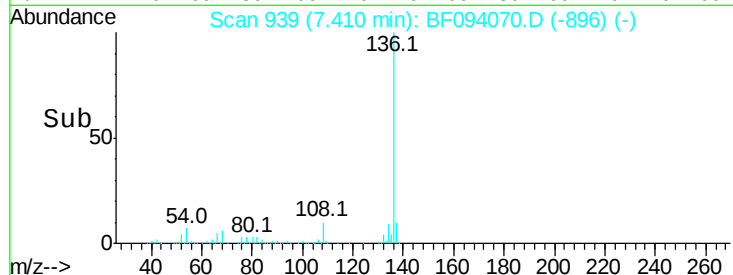


Abundance Ion 136.00 (135.70 to 136.70): E

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: 94.60 ng

RT: 6.56 min Scan# 795

Delta R.T. -0.04 min

Lab File: BF094070.D

Acq: 30 Mar 2017 20:54

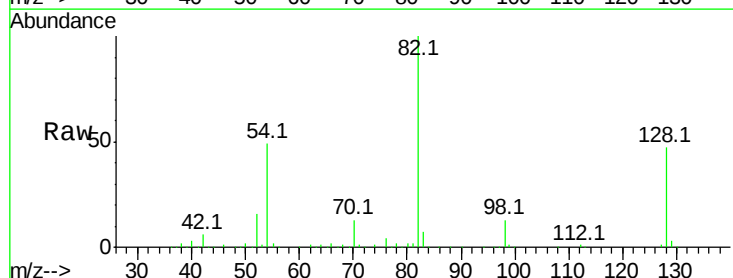
Tgt Ion: 82 Resp: 1245516

Ion Ratio Lower Upper

82 100

128 47.2 34.0 51.0

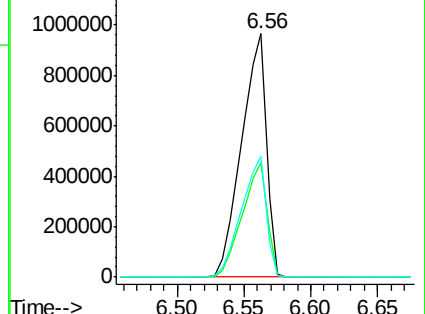
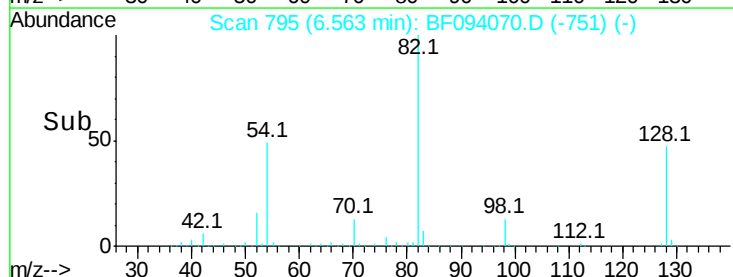
54 49.4 42.2 63.2

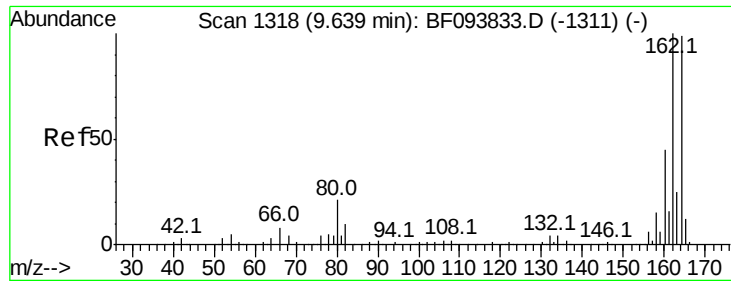


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF094070.D

Acq: 30 Mar 2017 20:54

Instrument :

BNA_F

ClientSampleId :

TP-4(1.5-2)

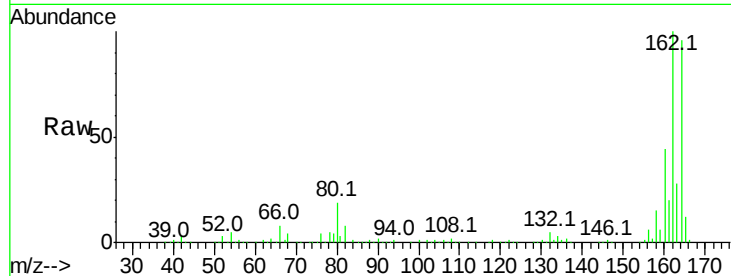
Tot Ion:164 Resp: 359534

Ion Ratio Lower Upper

164 100

162 104.5 82.6 123.8

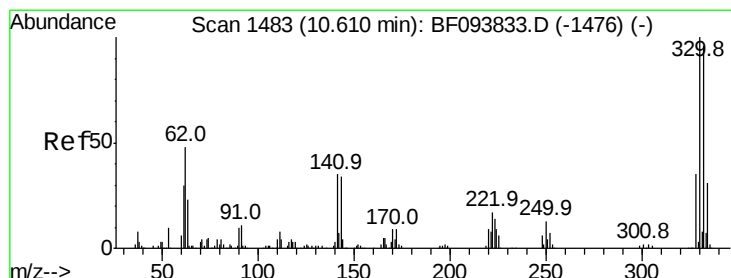
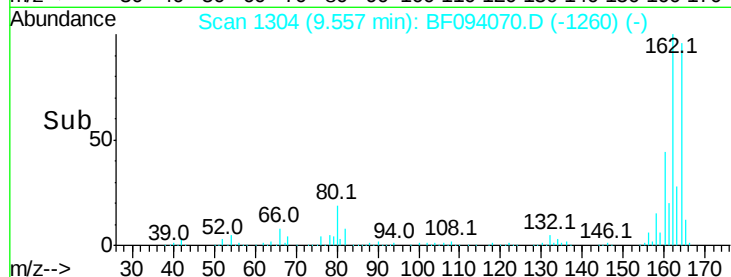
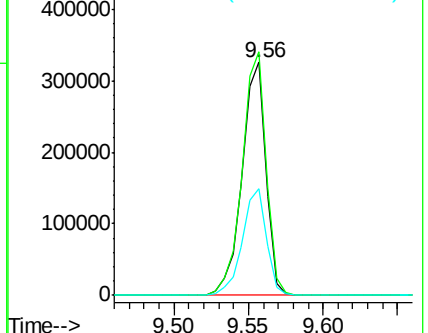
160 45.9 36.2 54.2



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: 153.83 ng

RT: 10.53 min Scan# 1470

Delta R.T. -0.04 min

Lab File: BF094070.D

Acq: 30 Mar 2017 20:54

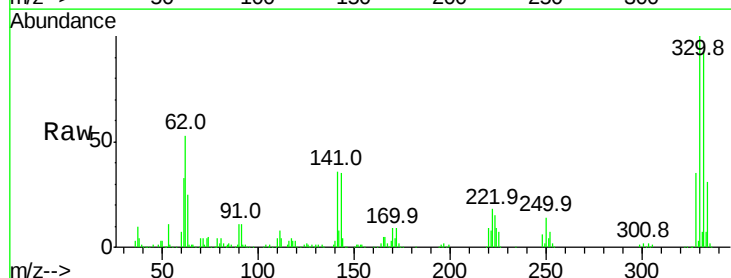
Tgt Ion:330 Resp: 437048

Ion Ratio Lower Upper

330 100

332 95.5 76.6 115.0

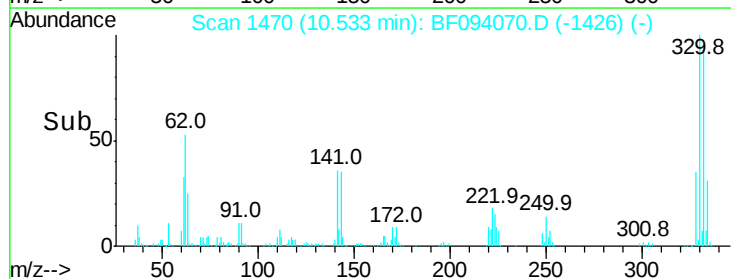
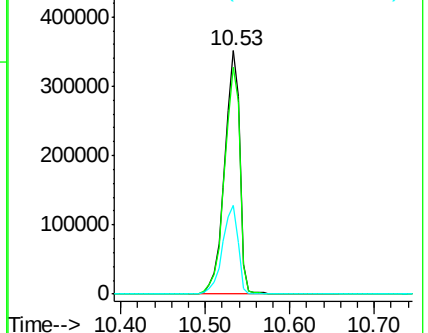
141 38.0 31.4 47.2

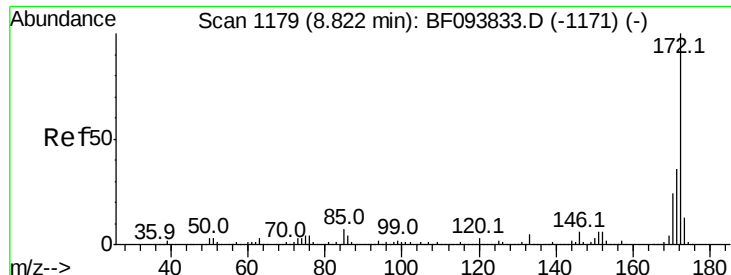


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



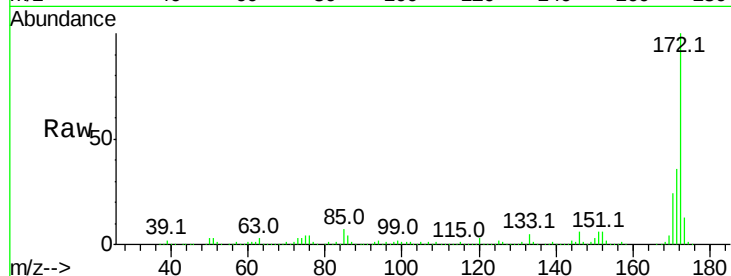


#44
 2-Fluorobiphenyl
 Concen: 78.80 ng
 RT: 8.74 min Scan# 1165
 Delta R.T. -0.04 min
 Lab File: BF094070.D
 Acq: 30 Mar 2017 20:54

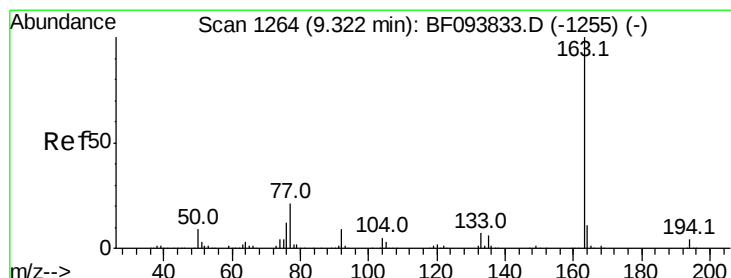
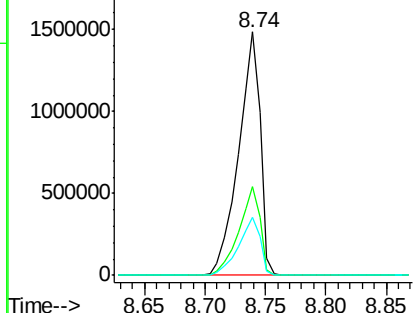
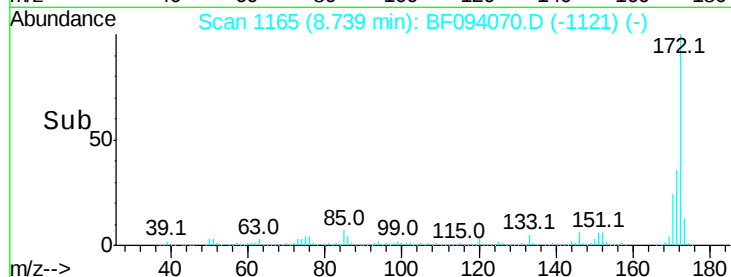
Instrument :
 BNA_F
 ClientSampleId :
 TP-4(1.5-2)

Tot Ion:172 Resp: 1857535

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	23.8	19.8	29.8



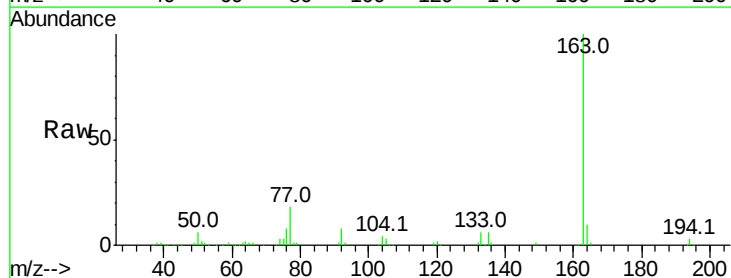
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



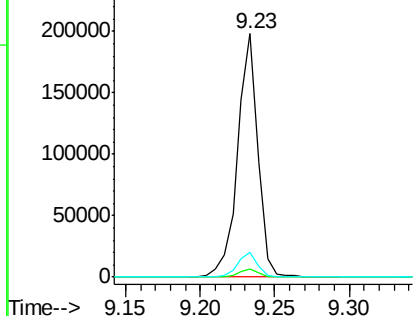
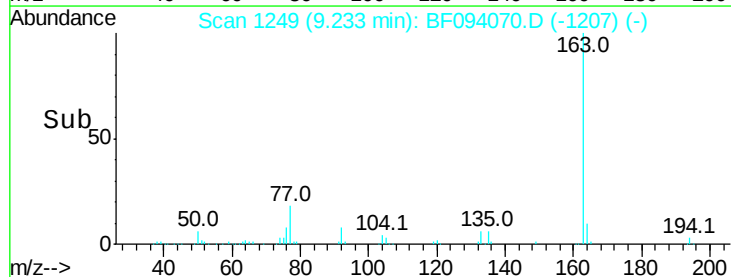
#49
 Dimethylphthalate
 Concen: 7.36 ng
 RT: 9.23 min Scan# 1249
 Delta R.T. -0.05 min
 Lab File: BF094070.D
 Acq: 30 Mar 2017 20:54

Tgt Ion:163 Resp: 188213

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

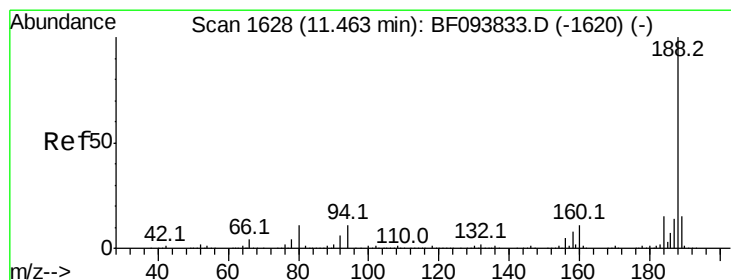
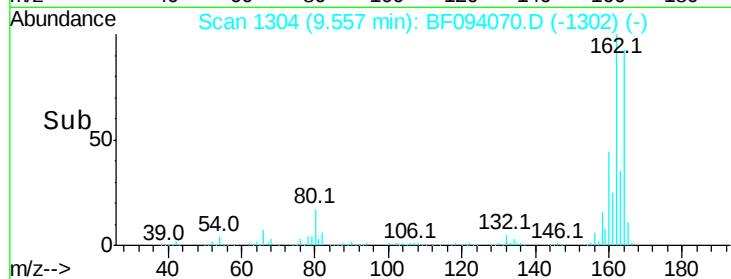
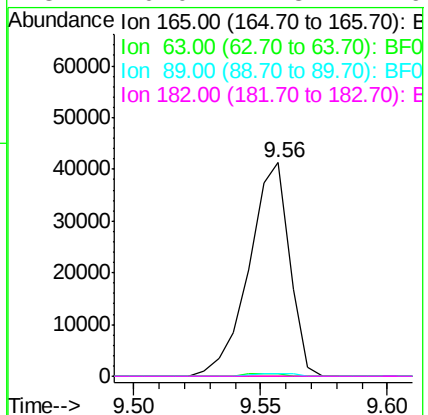
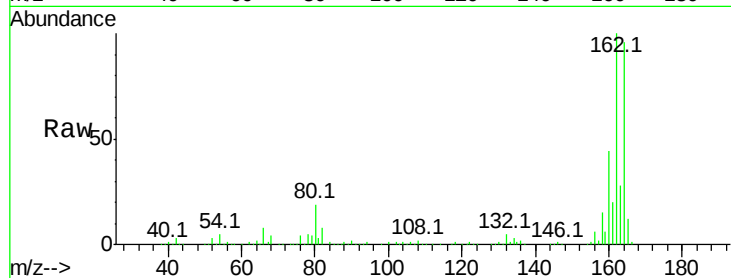




#56
 2,4-Dinitrotoluene
 Concen: 6.27 ng
 RT: 9.56 min Scan# 1304
 Delta R.T. -0.29 min
 Lab File: BF094070.D
 Acq: 30 Mar 2017 20:54

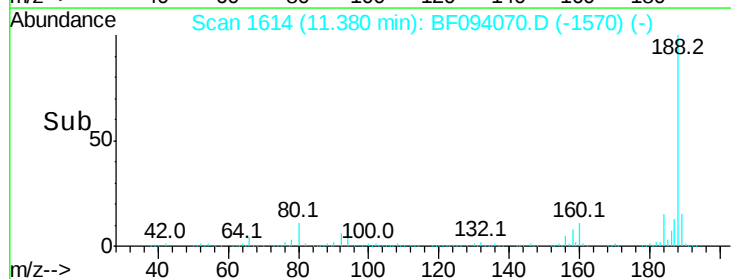
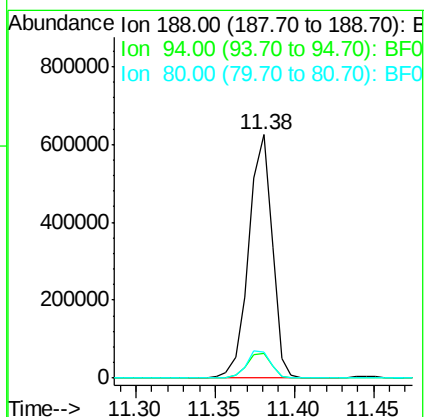
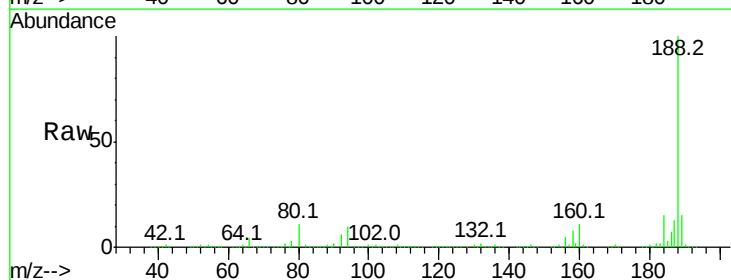
Instrument :
 BNA_F
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 TP-4(1.5-2)

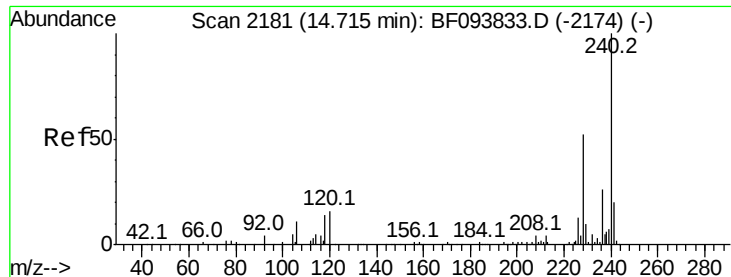
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	25.4	38.0#
89	1.2	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 1614
 Delta R.T. -0.04 min
 Lab File: BF094070.D
 Acq: 30 Mar 2017 20:54

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.4	14.2
80	10.8	10.2	15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.63 min Scan# 2167

Delta R.T. -0.05 min

Lab File: BF094070.D

Acq: 30 Mar 2017 20:54

Instrument :

BNA_F

ClientSampleId :

TP-4(1.5-2)

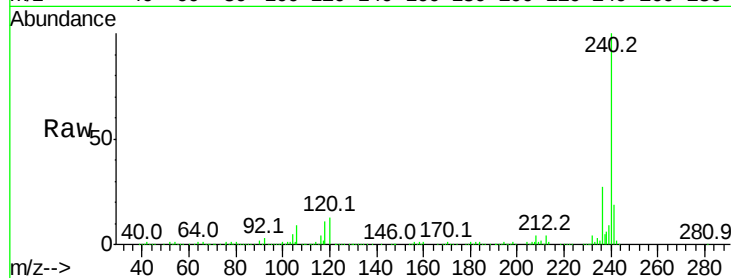
Tot Ion:240 Resp: 485751

Ion Ratio Lower Upper

240 100

120 13.1 5.8 8.8#

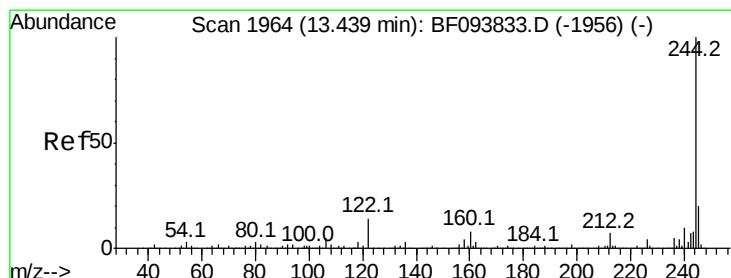
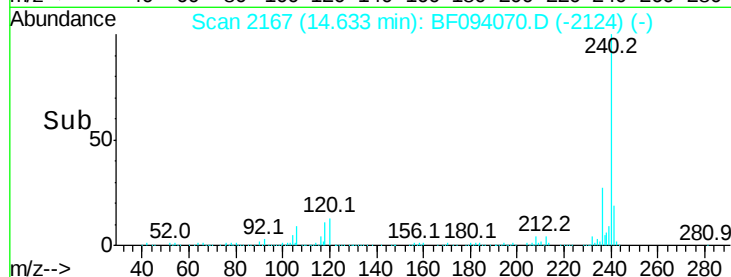
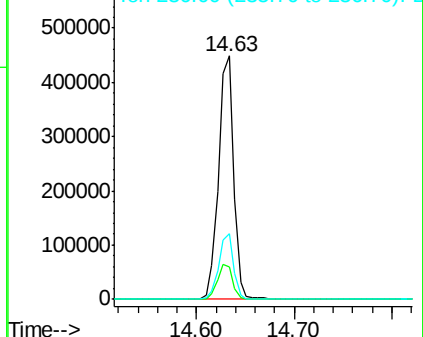
236 26.8 20.5 30.7



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: 69.11 ng

RT: 13.36 min Scan# 1951

Delta R.T. -0.04 min

Lab File: BF094070.D

Acq: 30 Mar 2017 20:54

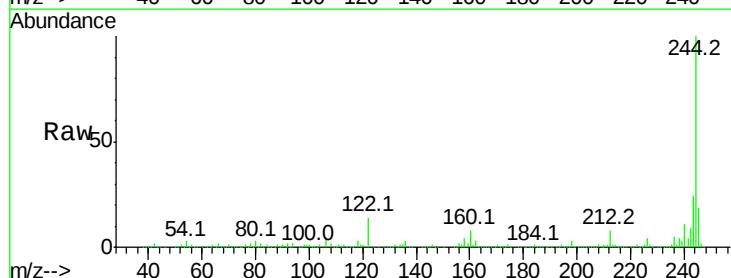
Tgt Ion:244 Resp: 1497633

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

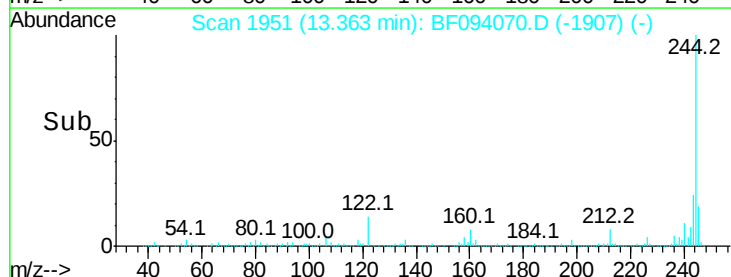
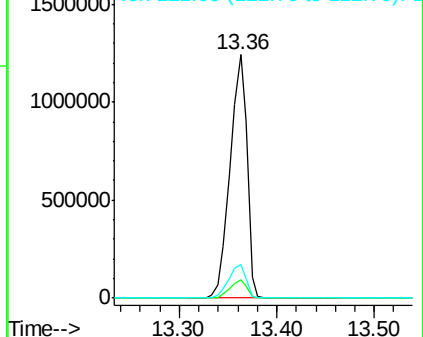
122 13.7 10.3 15.5

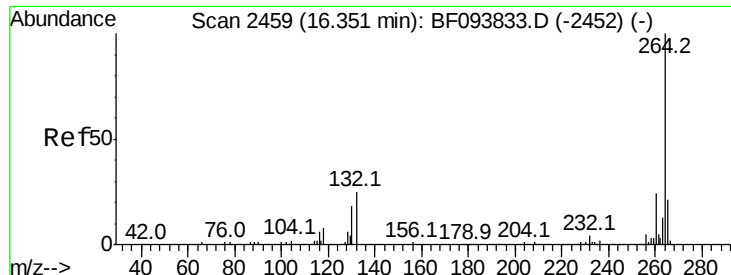


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

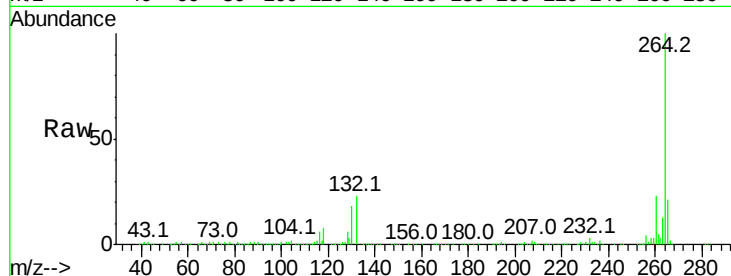




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.26 min Scan# 2444
 Delta R.T. -0.05 min
 Lab File: BF094070.D
 Acq: 30 Mar 2017 20:54

Instrument :
 BNA_F
 ClientSampleId :
 TP-4(1.5-2)

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

