

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
 Data File : BF094625.D
 Acq On : 26 Apr 2017 1:33
 Operator : SJ/MA
 Sample : I2820-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 26 05:35:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

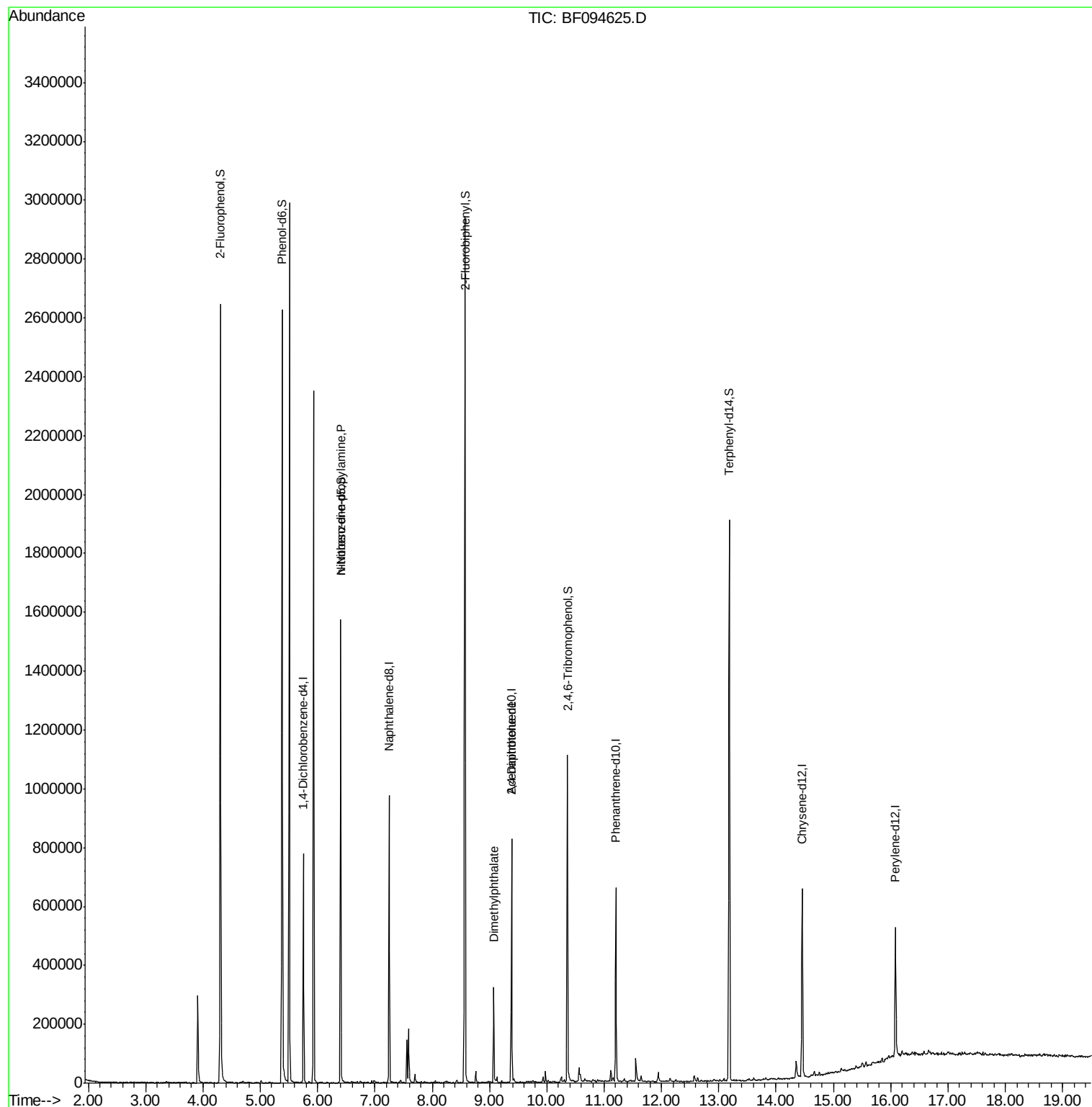
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	118658	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	464637	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	180660	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	272560	20.00	ng	-0.02
75) Chrysene-d12	14.45	240	247666	20.00	ng	-0.01
86) Perylene-d12	16.08	264	177842	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	830572	116.13	ng	0.00
7) Phenol-d6	5.38	99	1013425	120.19	ng	0.00
23) Nitrobenzene-d5	6.40	82	579522	77.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	141409	100.07	ng	-0.01
44) 2-Fluorobiphenyl	8.57	172	1010391	82.29	ng	-0.01
78) Terphenyl-d14	13.18	244	633957	68.42	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.40	70	74426	13.32	ng	# 78
49) Dimethylphthalate	9.07	163	143488	10.66	ng	98
56) 2,4-Dinitrotoluene	9.38	165	22997	6.20	ng	# 31

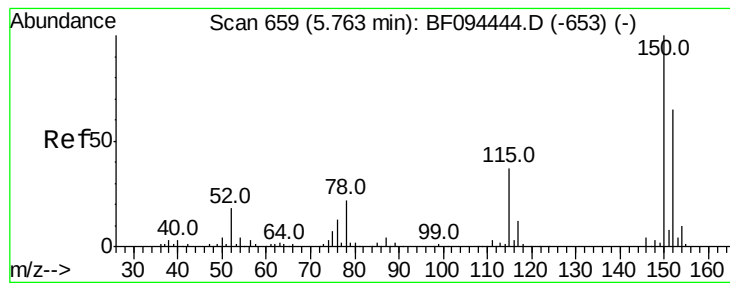
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.75 min Scan# 649

Delta R.T. -0.01 min

Lab File: BF094625.D

Acq: 26 Apr 2017 1:33

Instrument :

BNA_F

ClientSampleId :

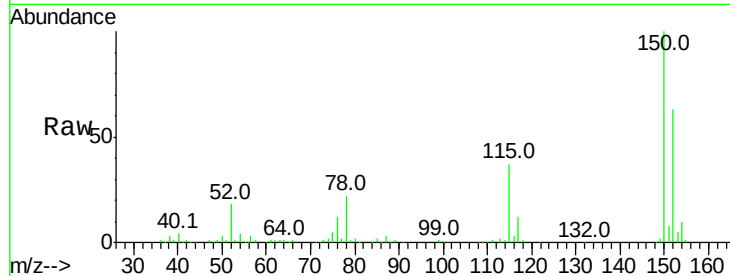
Tot Ion:152 Resp: 118658

Ion Ratio Lower Upper

152 100

150 158.4 126.2 189.2

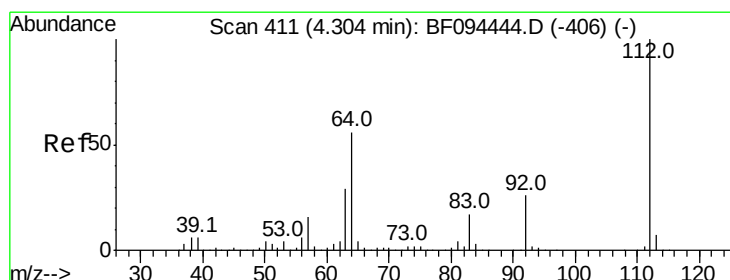
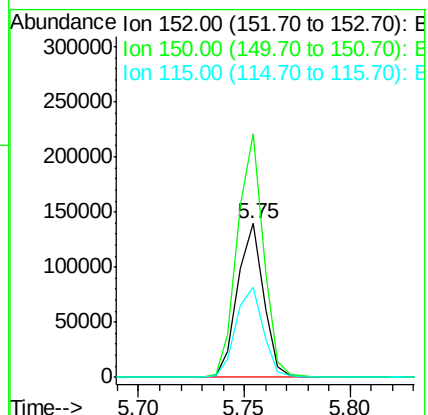
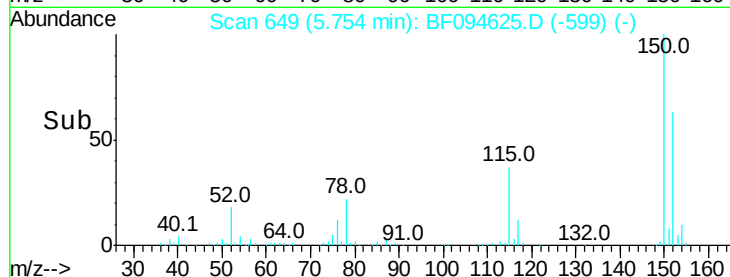
115 58.7 52.2 78.2



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: 116.13 ng

RT: 4.31 min Scan# 403

Delta R.T. 0.00 min

Lab File: BF094625.D

Acq: 26 Apr 2017 1:33

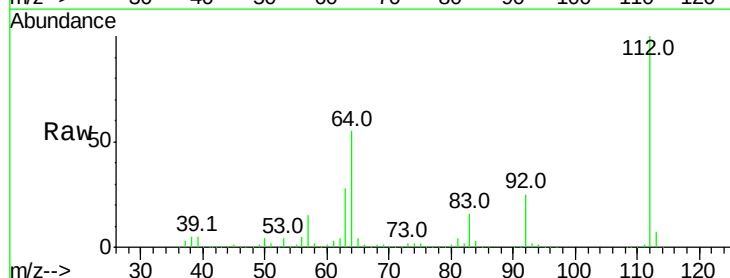
Tgt Ion:112 Resp: 830572

Ion Ratio Lower Upper

112 100

64 55.1 46.0 69.0

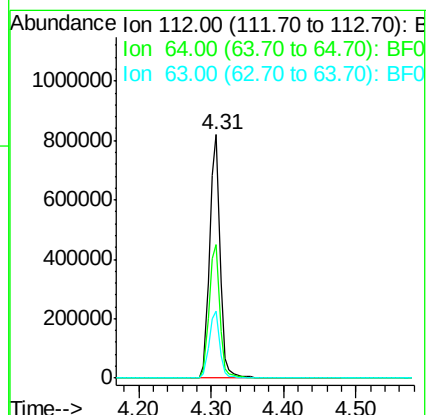
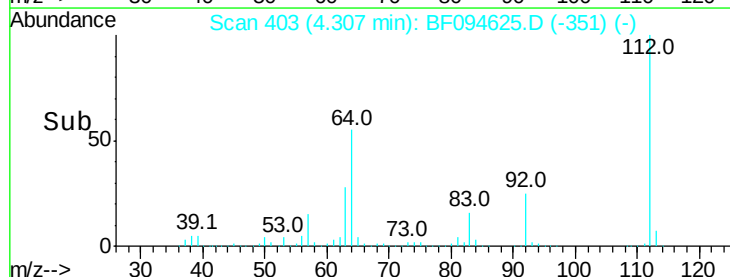
63 27.6 23.4 35.0

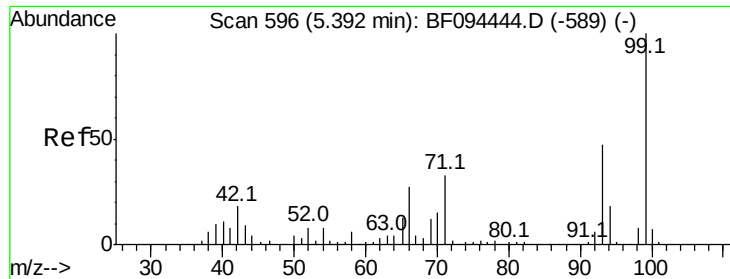


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 120.19 ng

RT: 5.38 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF094625.D

Acq: 26 Apr 2017 1:33

Instrument :

BNA_F

ClientSampled :

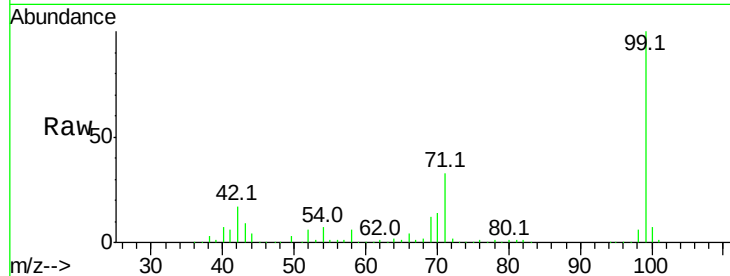
Tot Ion: 99 Resp: 1013425

Ion Ratio Lower Upper

99 100

42 17.3 13.5 20.3

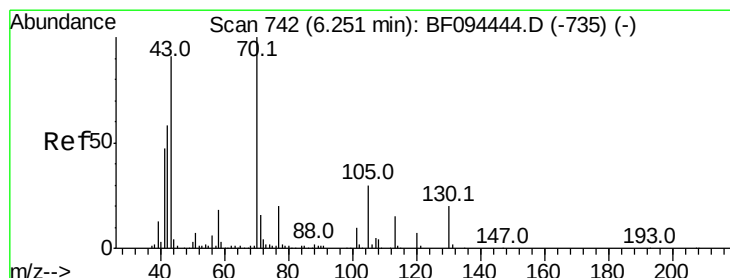
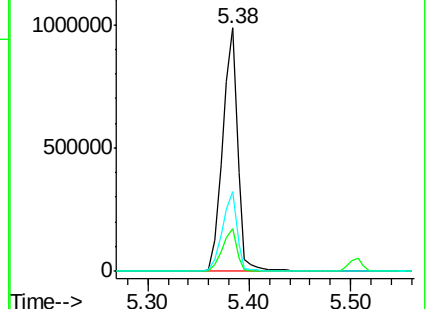
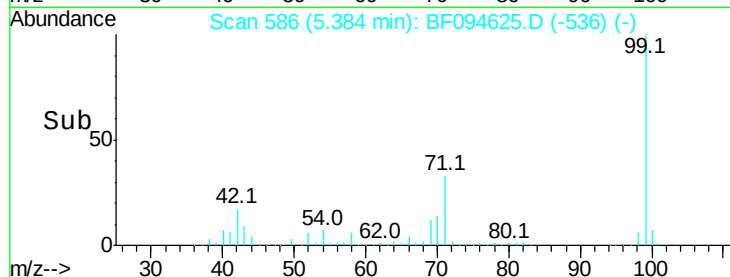
71 32.5 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.32 ng

RT: 6.40 min Scan# 759

Delta R.T. 0.15 min

Lab File: BF094625.D

Acq: 26 Apr 2017 1:33

Tgt Ion: 70 Resp: 74426

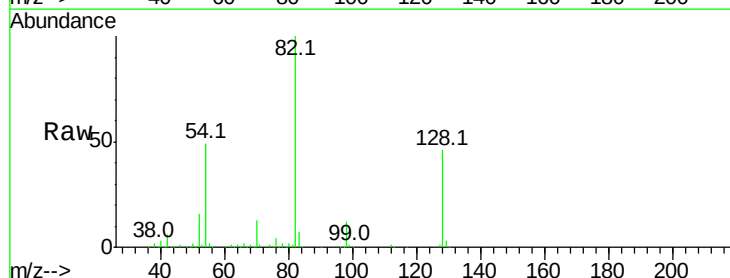
Ion Ratio Lower Upper

70 100

42 46.5 47.2 70.8#

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#

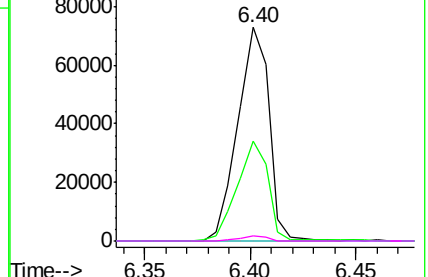
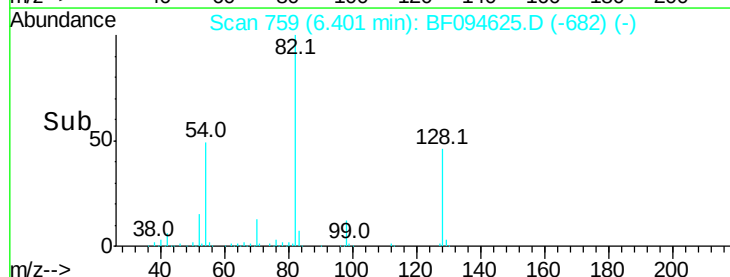


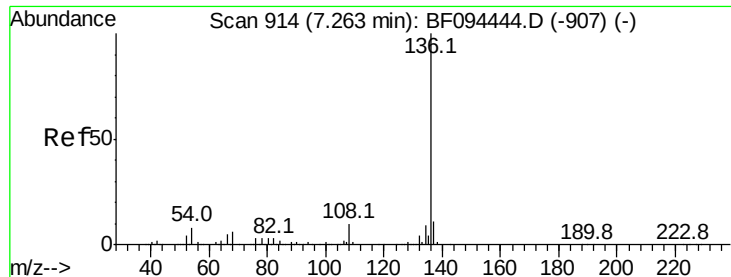
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.25 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF094625.D

Acq: 26 Apr 2017 1:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 464637

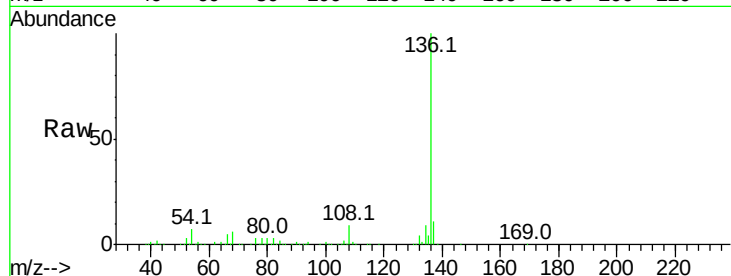
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 6.6 4.9 7.3

68 5.9 4.1 6.1

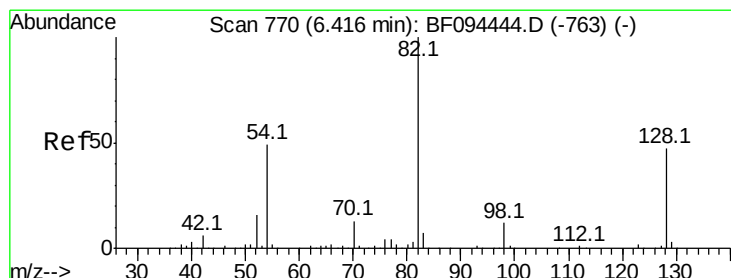
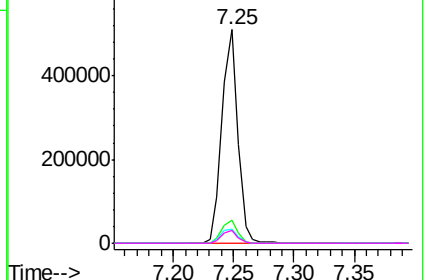
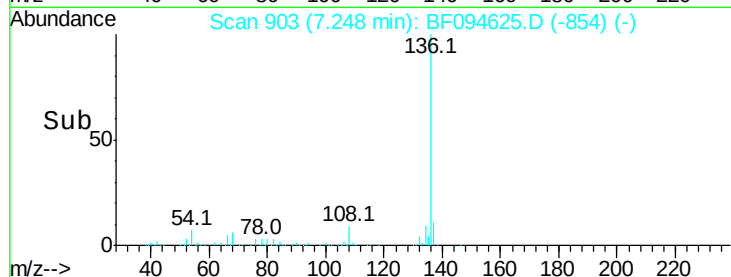


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.02 ng

RT: 6.40 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF094625.D

Acq: 26 Apr 2017 1:33

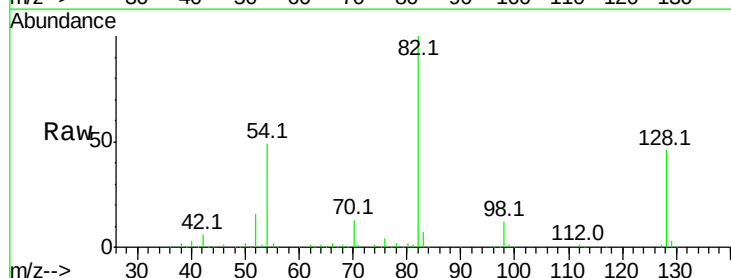
Tgt Ion: 82 Resp: 579522

Ion Ratio Lower Upper

82 100

128 45.9 34.0 51.0

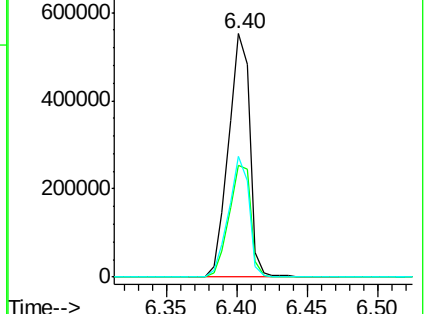
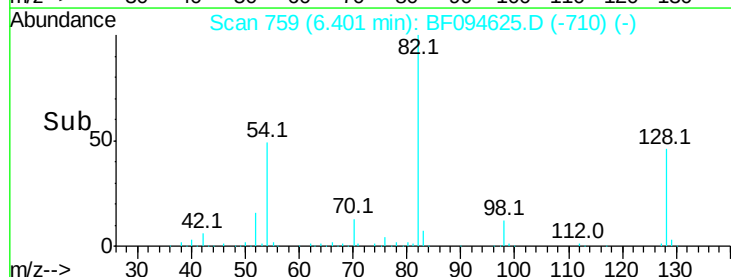
54 49.4 42.2 63.2

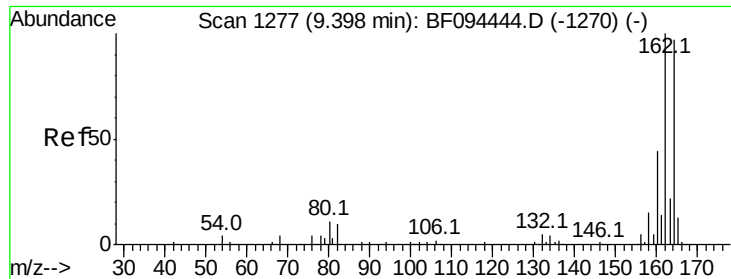


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.38 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BF094625.D

Acq: 26 Apr 2017 1:33

Instrument :

BNA_F

ClientSampled :

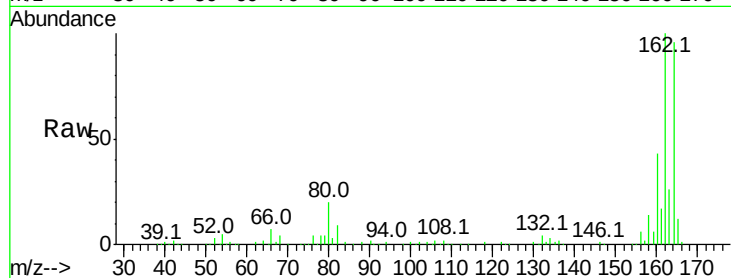
Tot Ion:164 Resp: 180660

Ion Ratio Lower Upper

164 100

162 103.7 82.6 123.8

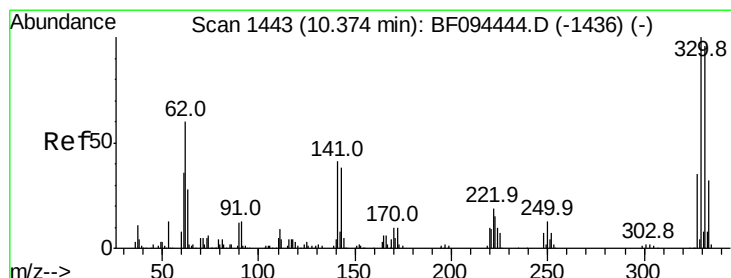
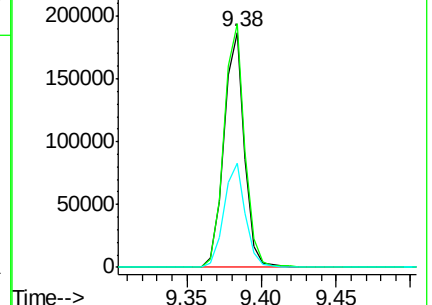
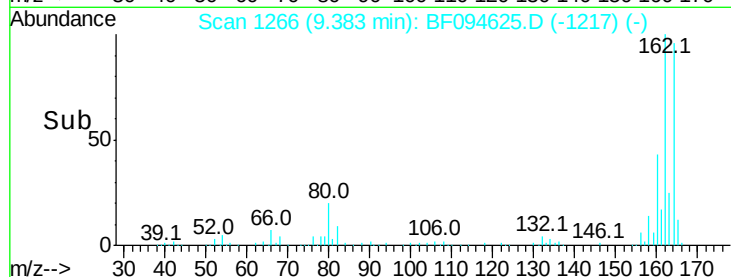
160 44.3 36.2 54.2



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: 100.07 ng

RT: 10.36 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF094625.D

Acq: 26 Apr 2017 1:33

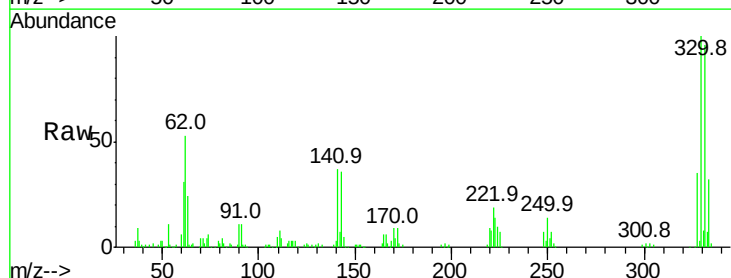
Tgt Ion:330 Resp: 141409

Ion Ratio Lower Upper

330 100

332 96.2 76.6 115.0

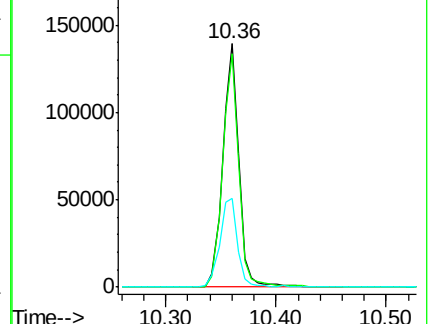
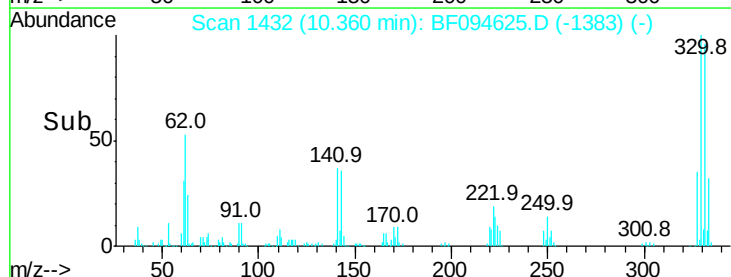
141 39.8 31.4 47.2

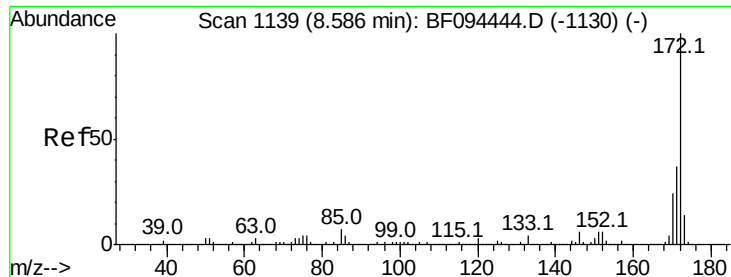


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

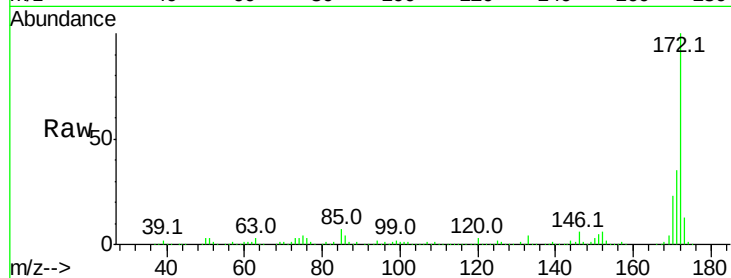




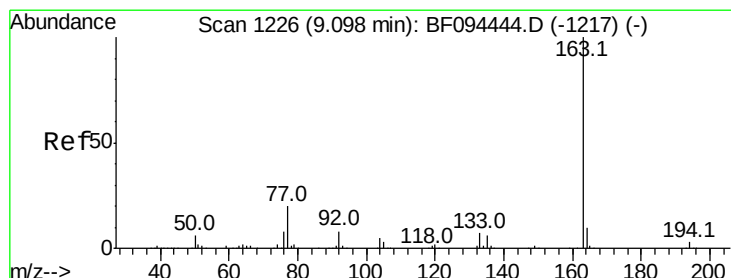
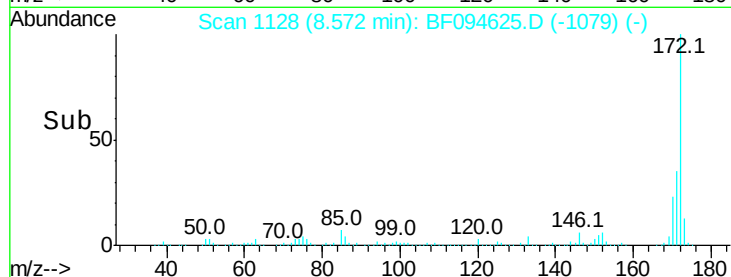
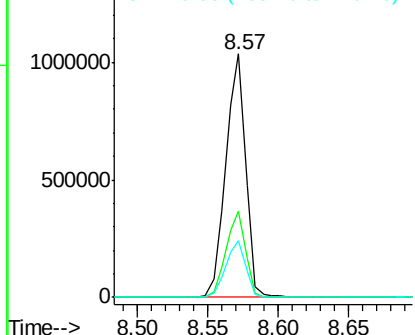
#44
2-Fluorobiphenyl
Concen: 82.29 ng
RT: 8.57 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BF094625.D
Acq: 26 Apr 2017 1:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1010391
Ion Ratio Lower Upper
172 100
171 35.5 29.6 44.4
170 23.4 19.8 29.8

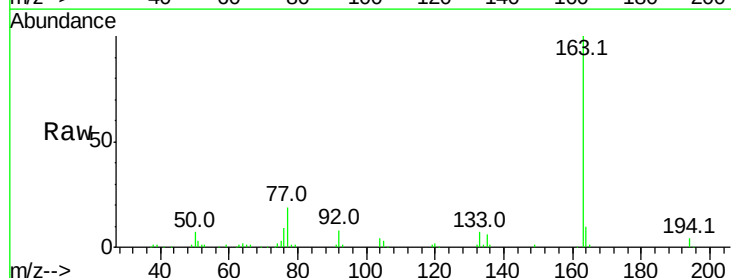


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

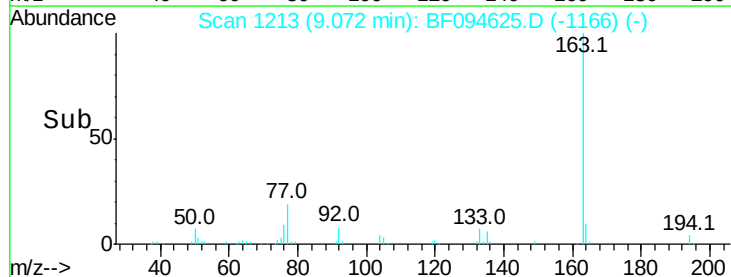
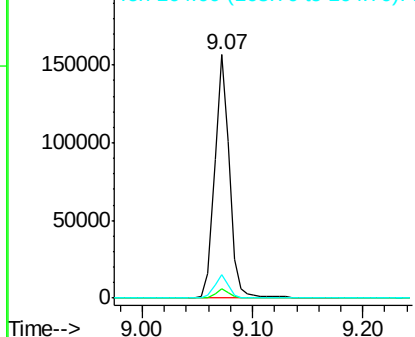


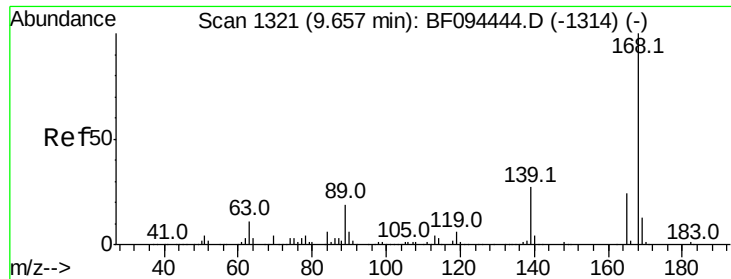
#49
Dimethylphthalate
Concen: 10.66 ng
RT: 9.07 min Scan# 1213
Delta R.T. -0.03 min
Lab File: BF094625.D
Acq: 26 Apr 2017 1:33

Tgt Ion:163 Resp: 143488
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 9.8 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

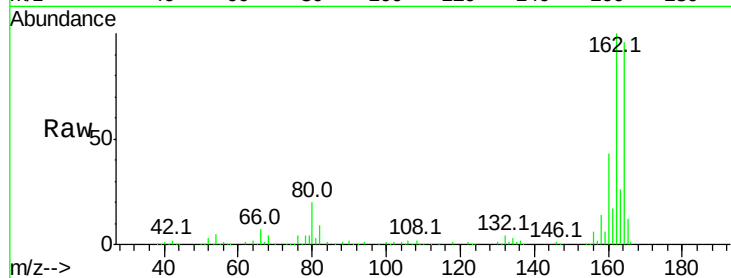




#56
 2,4-Dinitrotoluene
 Concen: 6.20 ng
 RT: 9.38 min Scan# 1266
 Delta R.T. -0.27 min
 Lab File: BF094625.D
 Acq: 26 Apr 2017 1:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	22997
Ion Ratio	Lower	Upper	
165	100		
63	0.0	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#

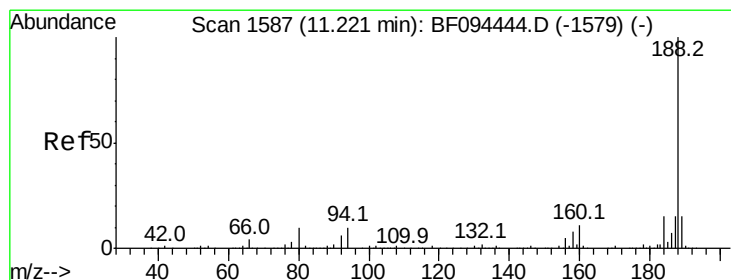
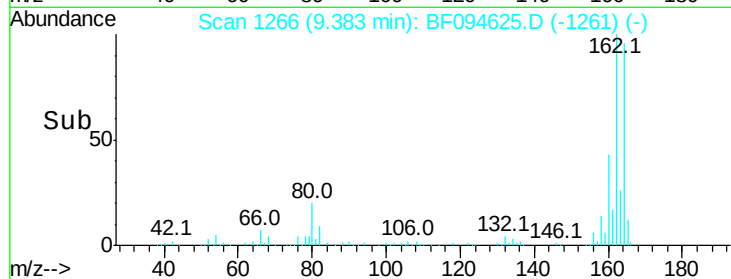
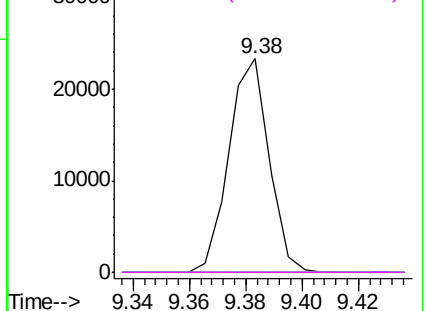


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

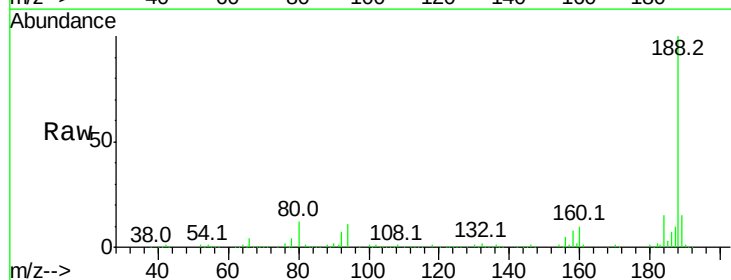
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 1575
 Delta R.T. -0.02 min
 Lab File: BF094625.D
 Acq: 26 Apr 2017 1:33

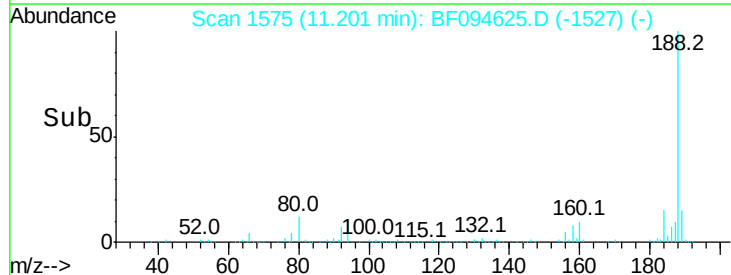
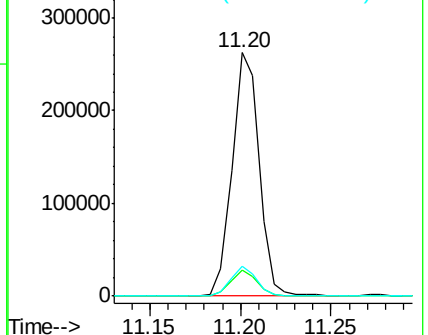
Tgt Ion:	188	Resp:	272560
Ion Ratio	Lower	Upper	
188	100		
94	10.6	9.4	14.2
80	12.5	10.2	15.2

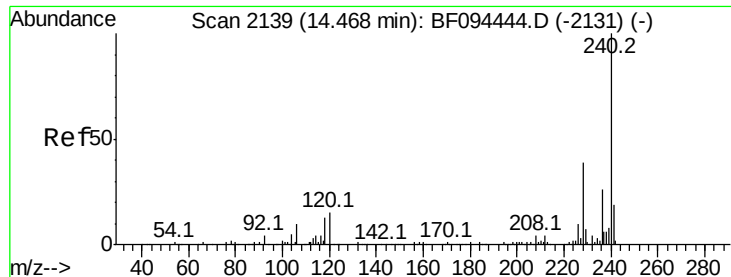


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.45 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BF094625.D

Acq: 26 Apr 2017 1:33

Instrument :

BNA_F

ClientSampleId :

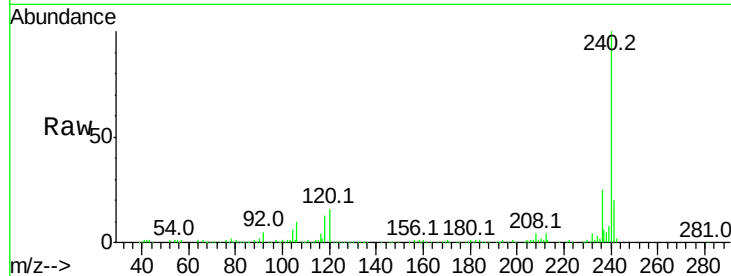
Tot Ion:240 Resp: 247666

Ion Ratio Lower Upper

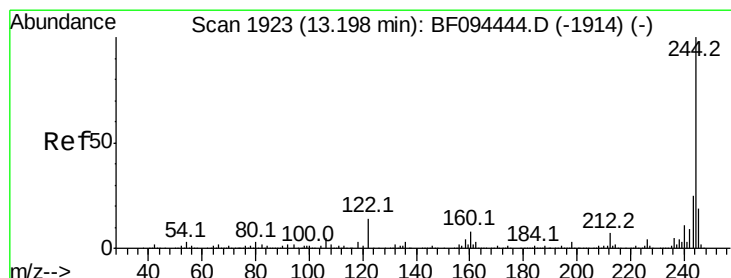
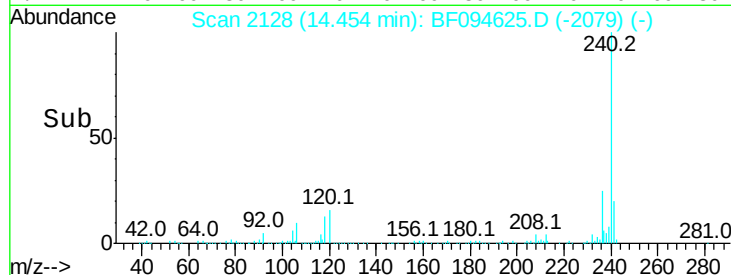
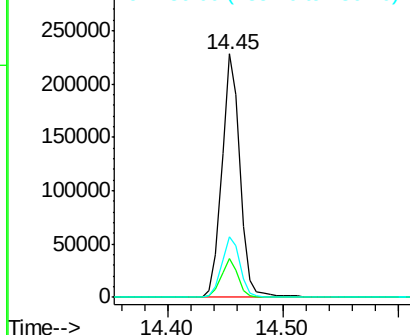
240 100

120 15.9 5.8 8.8#

236 25.1 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: 68.42 ng

RT: 13.18 min Scan# 1912

Delta R.T. -0.01 min

Lab File: BF094625.D

Acq: 26 Apr 2017 1:33

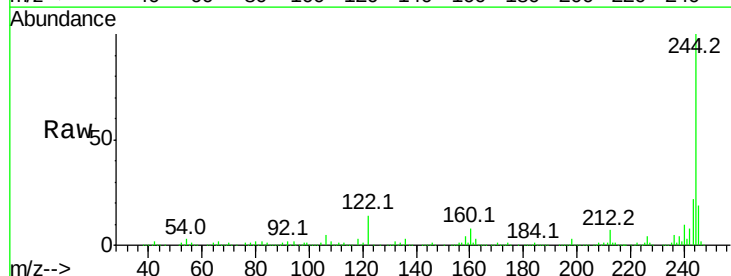
Tgt Ion:244 Resp: 633957

Ion Ratio Lower Upper

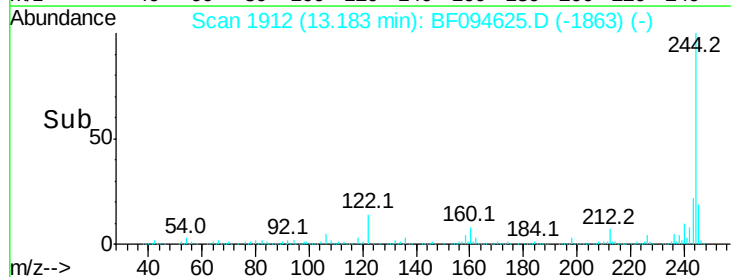
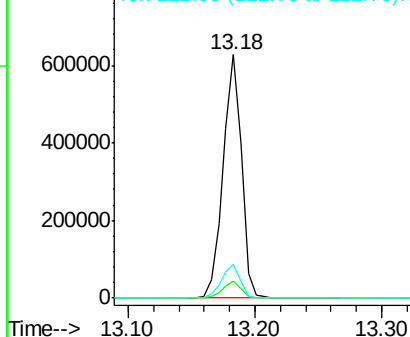
244 100

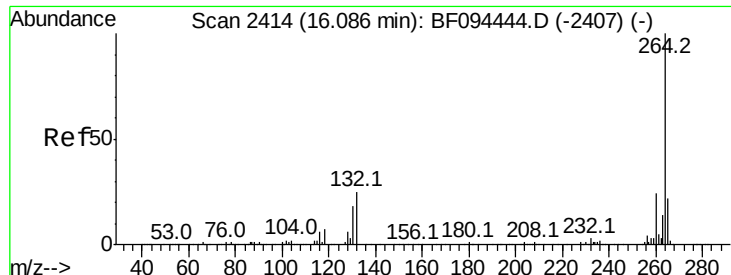
212 6.9 6.0 9.0

122 14.1 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

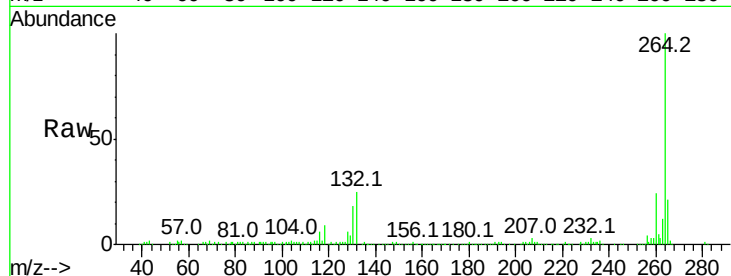




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 2405
 Delta R.T. -0.00 min
 Lab File: BF094625.D
 Acq: 26 Apr 2017 1:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 264 Resp: 177842
 Ion Ratio Lower Upper
 264 100
 260 23.8 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

