

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
 Data File : BF094704.D
 Acq On : 29 Apr 2017 00:35
 Operator : SJ/MA
 Sample : I2895-09
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 29 03:54:03 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

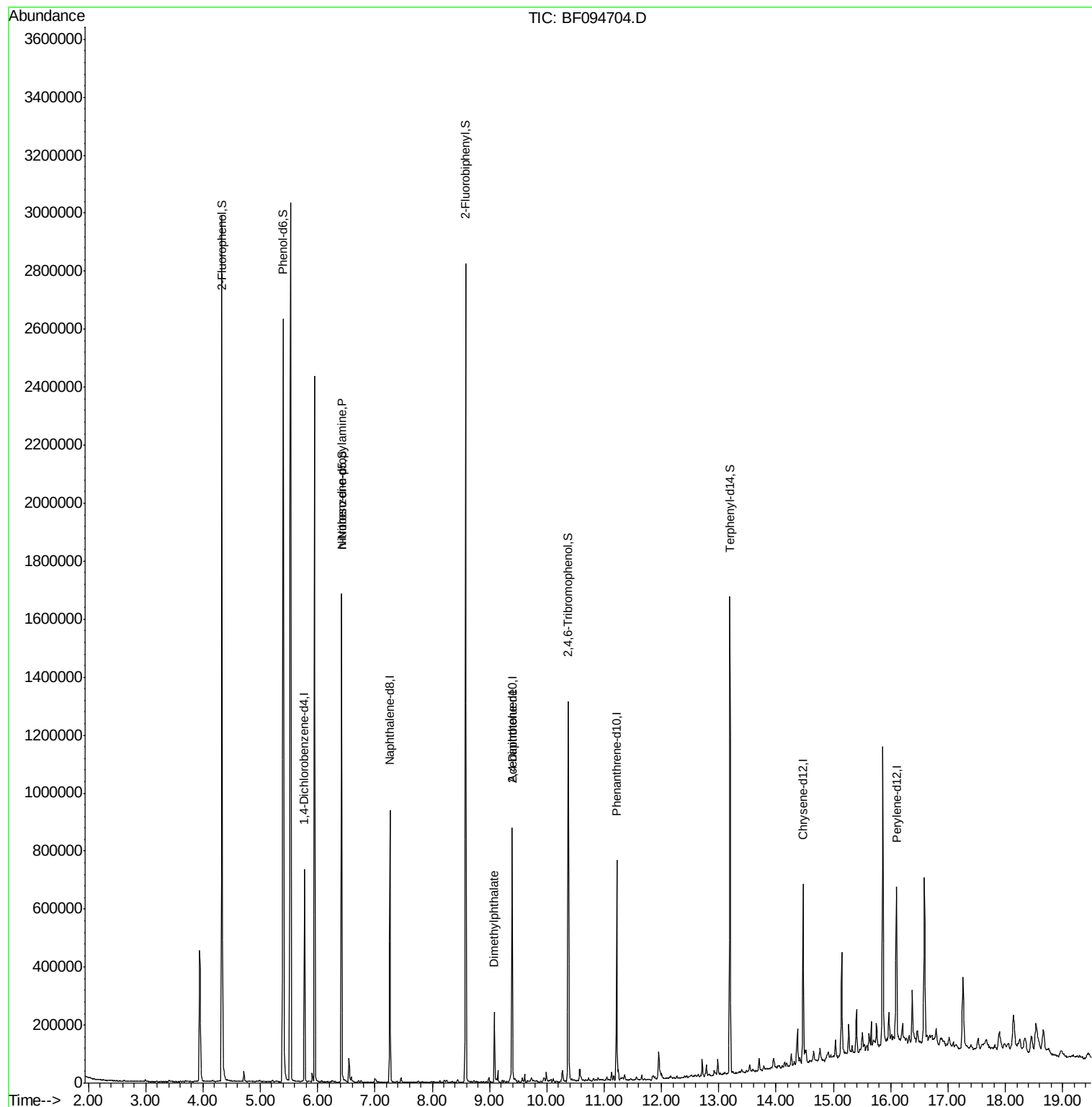
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	119621	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	446483	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	180523	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	288015	20.00	ng	0.00
75) Chrysene-d12	14.47	240	229909	20.00	ng	0.00
86) Perylene-d12	16.10	264	173053	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	977601	135.59	ng	0.03
7) Phenol-d6	5.40	99	1182978	139.17	ng	0.00
23) Nitrobenzene-d5	6.42	82	659114	91.15	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	171914	121.75	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	923892	75.30	ng	0.00
78) Terphenyl-d14	13.19	244	566203	65.83	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.42	70	85492	15.18	ng	# 79
49) Dimethylphthalate	9.08	163	107069	7.96	ng	99
56) 2,4-Dinitrotoluene	9.40	165	23385	6.31	ng	# 33

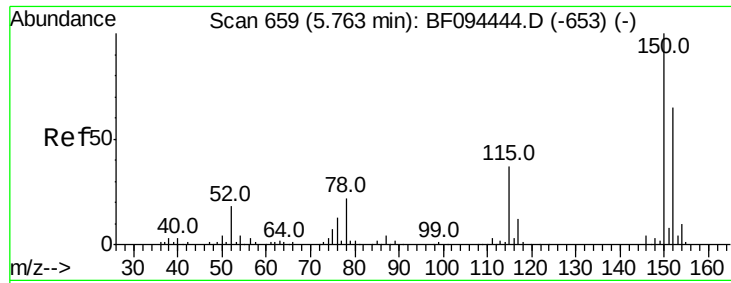
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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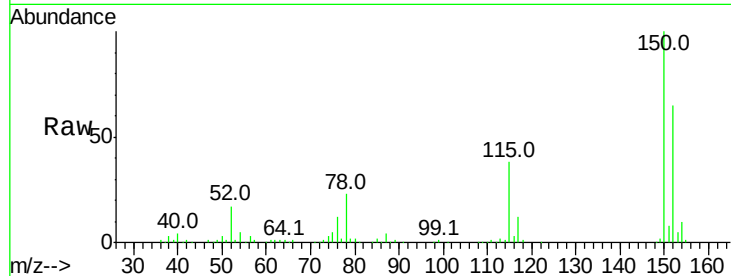


#1

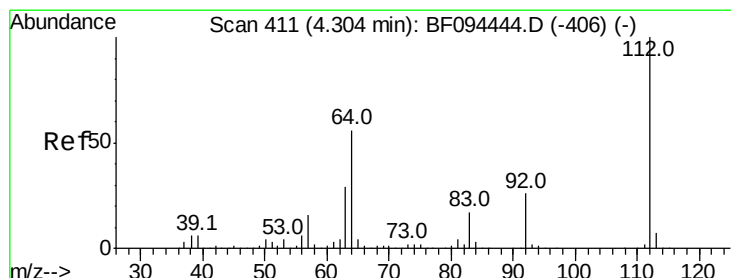
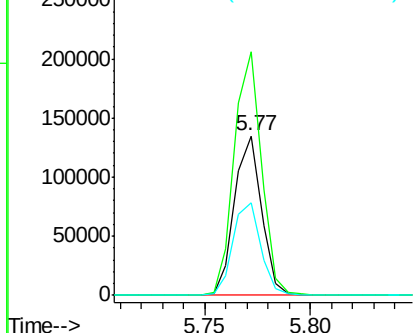
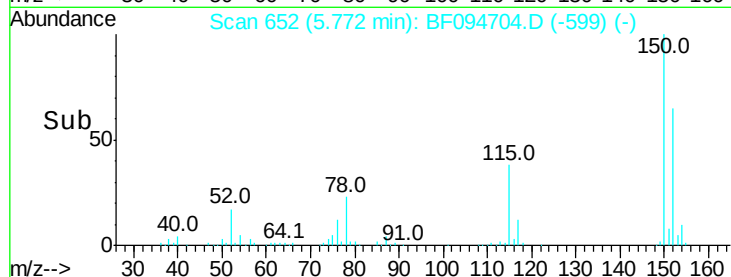
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF094704.D
Acq: 29 Apr 2017 00:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 119621
Ion Ratio Lower Upper
152 100
150 153.0 126.2 189.2
115 58.4 52.2 78.2



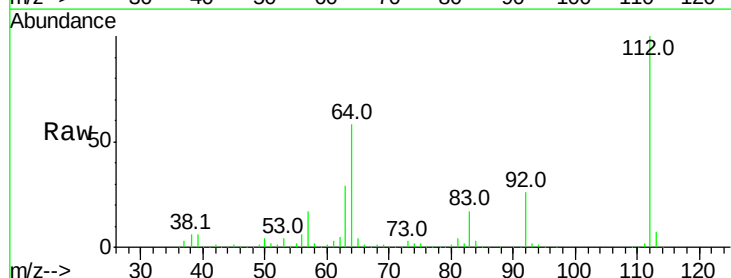
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



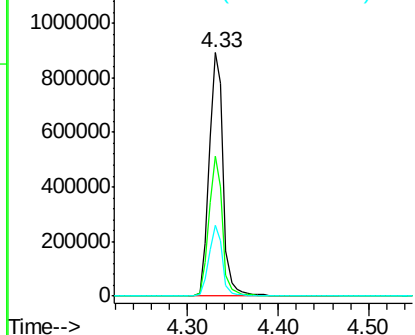
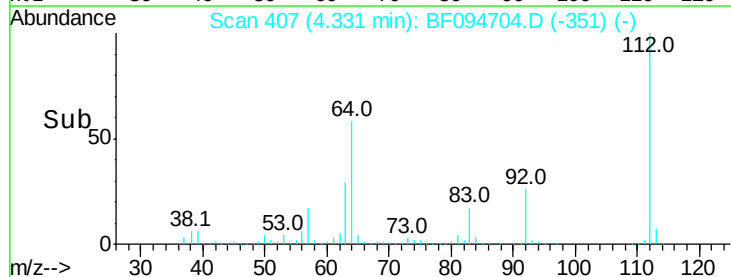
#5

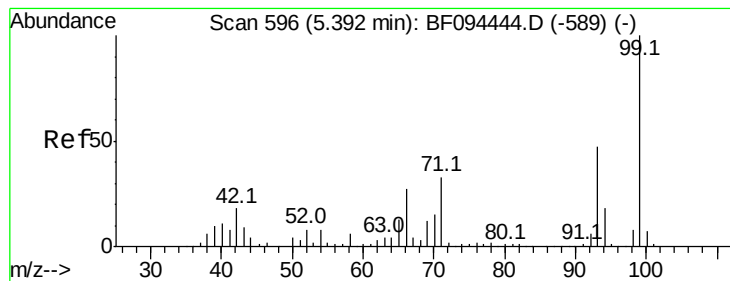
2-Fluorophenol
Concen: 135.59 ng
RT: 4.33 min Scan# 407
Delta R.T. 0.03 min
Lab File: BF094704.D
Acq: 29 Apr 2017 00:35

Tgt Ion:112 Resp: 977601
Ion Ratio Lower Upper
112 100
64 57.5 46.0 69.0
63 29.2 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: 139.17 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094704.D

Acq: 29 Apr 2017 00:35

Instrument :
BNA_F
ClientSampleId :

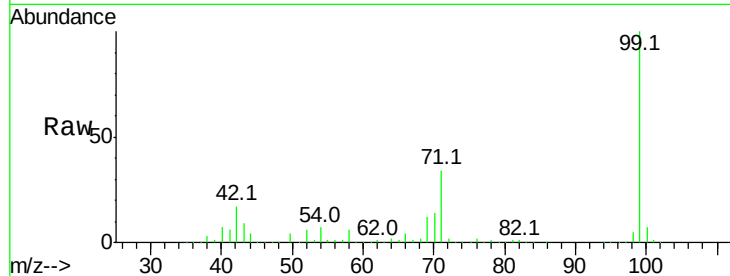
Tot Ion: 99 Resp: 1182978

Ion Ratio Lower Upper

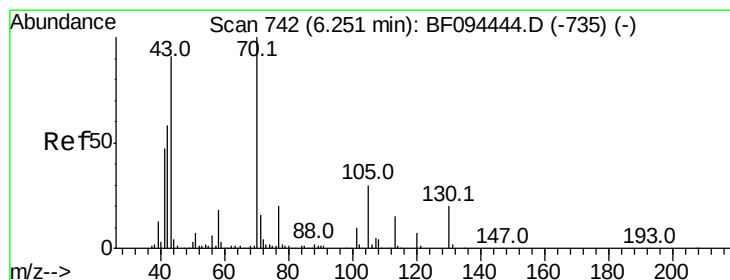
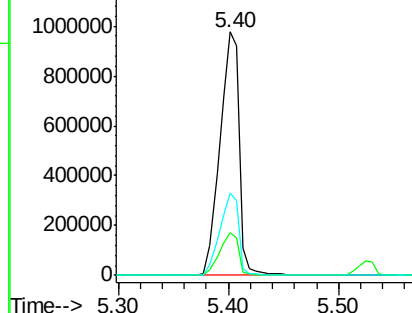
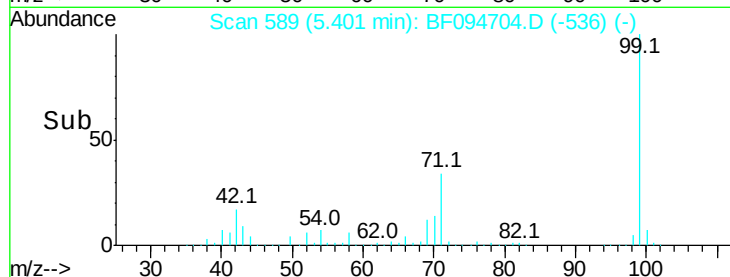
99 100

42 17.5 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: 15.18 ng

RT: 6.42 min Scan# 762

Delta R.T. 0.17 min

Lab File: BF094704.D

Acq: 29 Apr 2017 00:35

Tgt Ion: 70 Resp: 85492

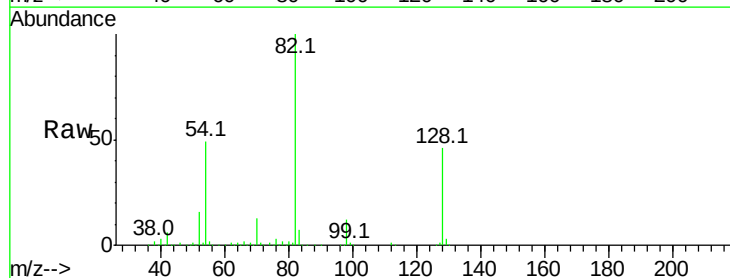
Ion Ratio Lower Upper

70 100

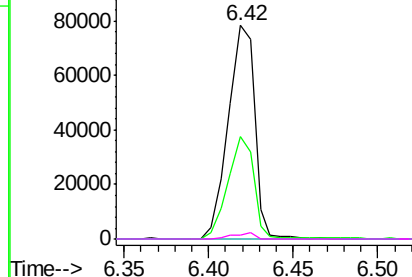
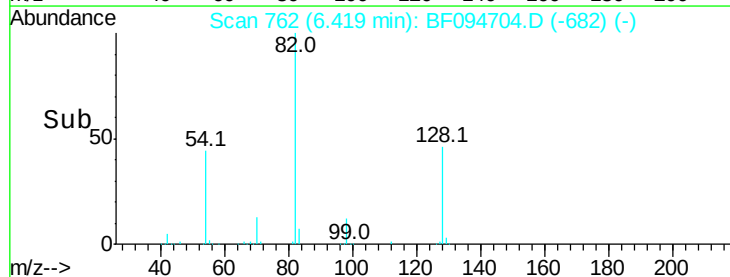
42 47.8 47.2 70.8

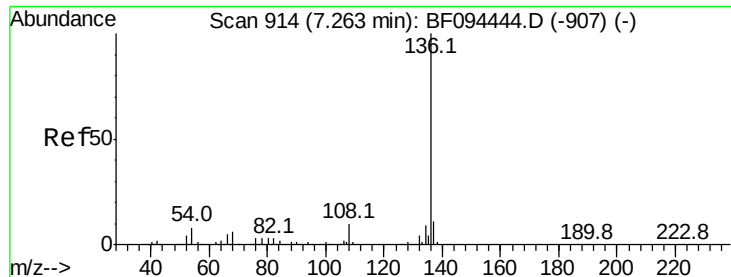
101 0.0 7.2 10.8#

130 1.8 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: 7.26 min Scan# 905

Delta R.T. -0.00 min

Lab File: BF094704.D

Acq: 29 Apr 2017 00:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 446483

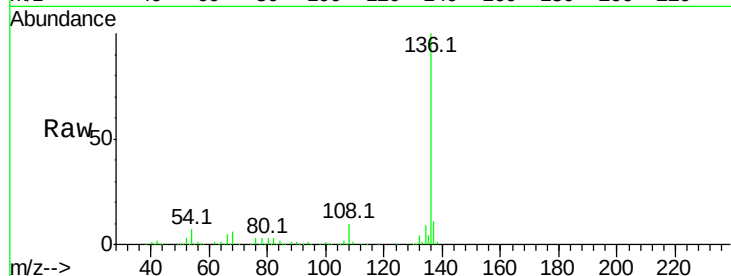
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.1 4.9 7.3

68 5.7 4.1 6.1

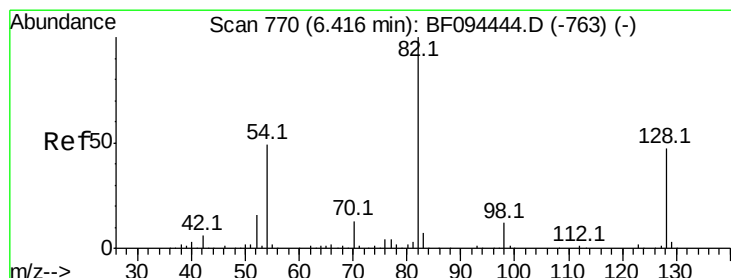
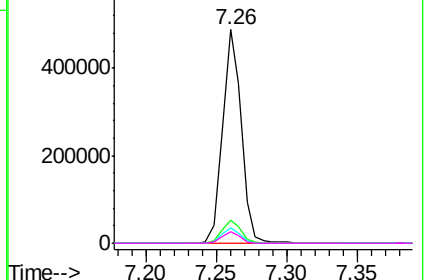
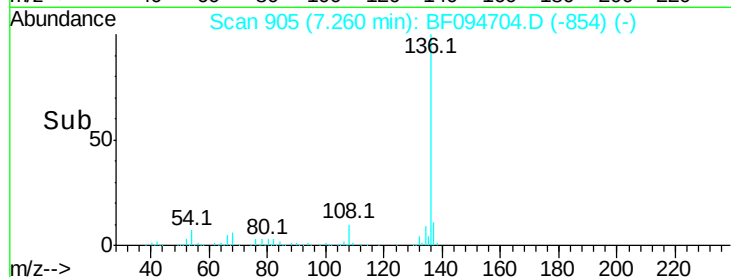


Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.15 ng

RT: 6.42 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF094704.D

Acq: 29 Apr 2017 00:35

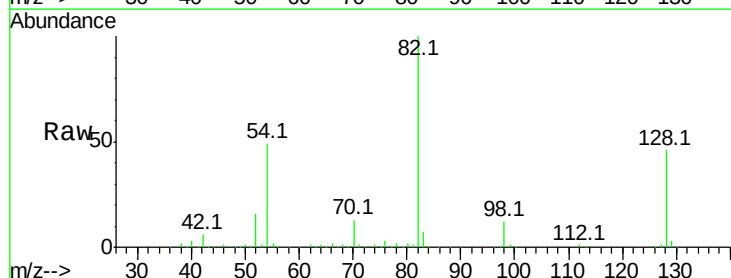
Tgt Ion: 82 Resp: 659114

Ion Ratio Lower Upper

82 100

128 46.0 34.0 51.0

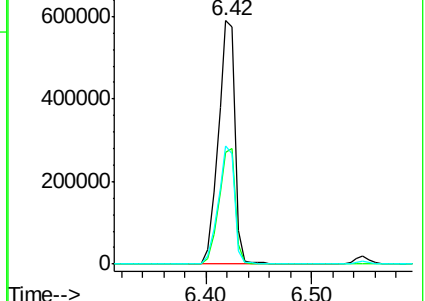
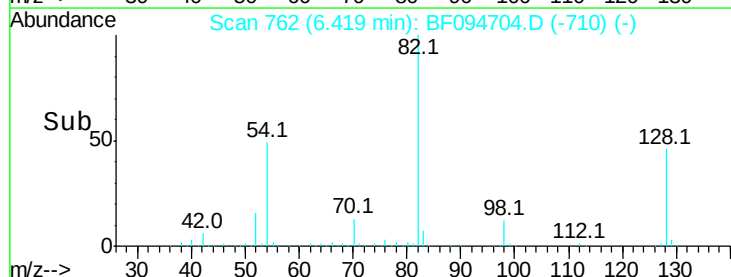
54 48.7 42.2 63.2

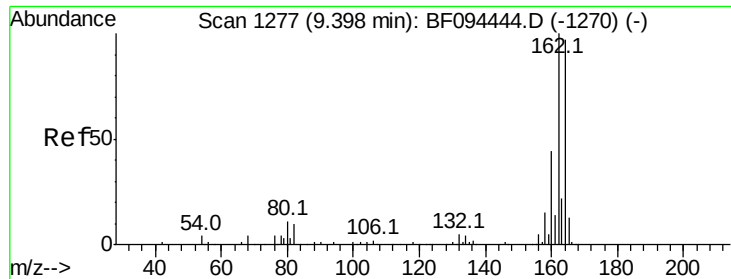


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.40 min Scan# 1268

Delta R.T. -0.00 min

Lab File: BF094704.D

Acq: 29 Apr 2017 00:35

Instrument :

BNA_F

ClientSampleId :

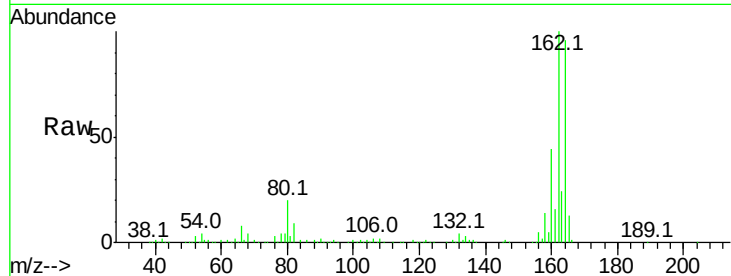
Tot Ion:164 Resp: 180523

Ion Ratio Lower Upper

164 100

162 104.6 82.6 123.8

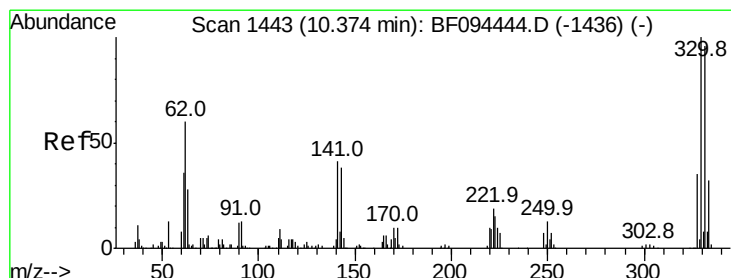
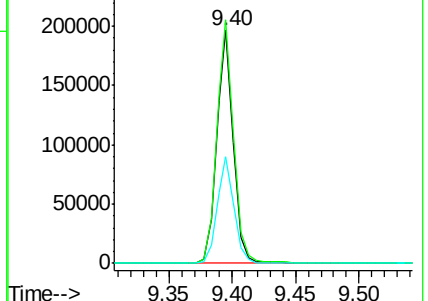
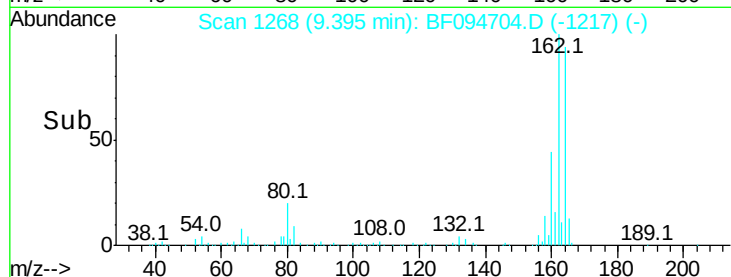
160 45.6 36.2 54.2



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: 121.75 ng

RT: 10.38 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF094704.D

Acq: 29 Apr 2017 00:35

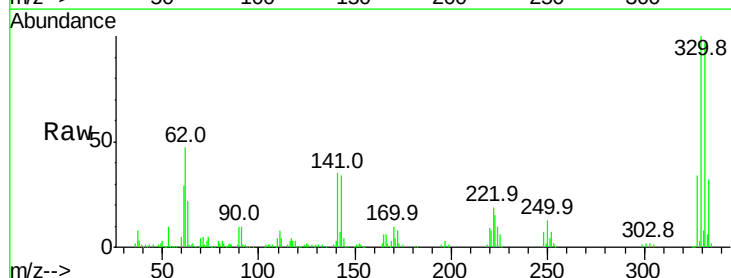
Tgt Ion:330 Resp: 171914

Ion Ratio Lower Upper

330 100

332 96.2 76.6 115.0

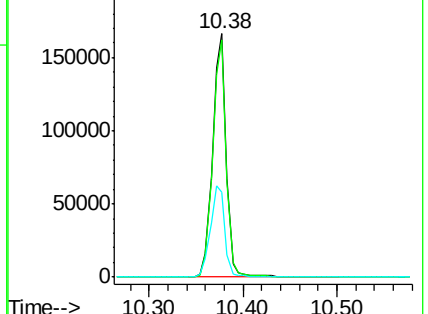
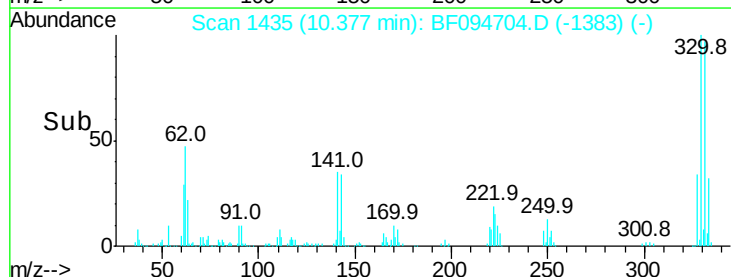
141 40.0 31.4 47.2

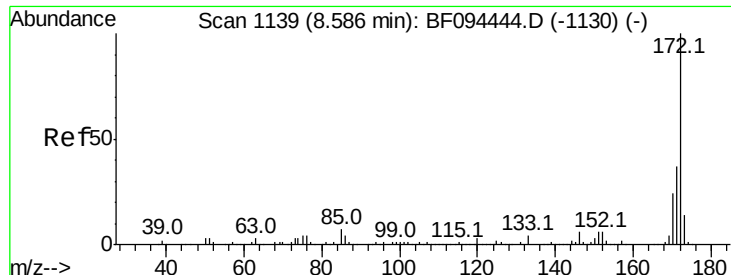


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

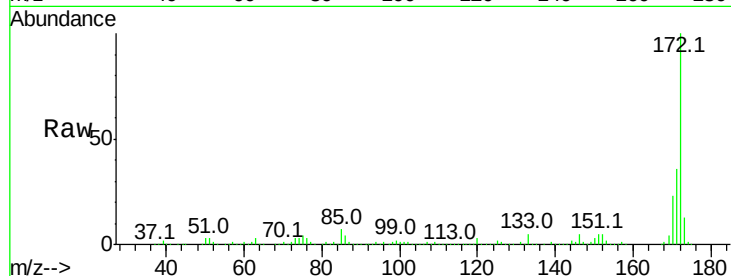




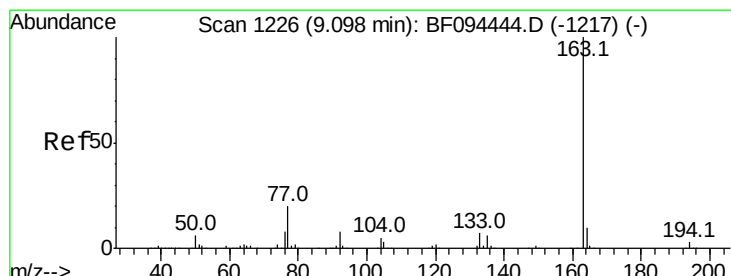
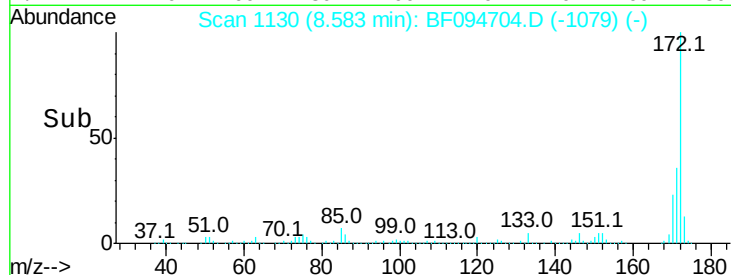
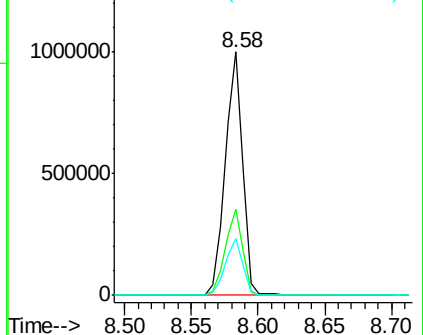
#44
 2-Fluorobiphenyl
 Concen: 75.30 ng
 RT: 8.58 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF094704.D
 Acq: 29 Apr 2017 00:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 923892
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.6 44.4
 170 23.3 19.8 29.8

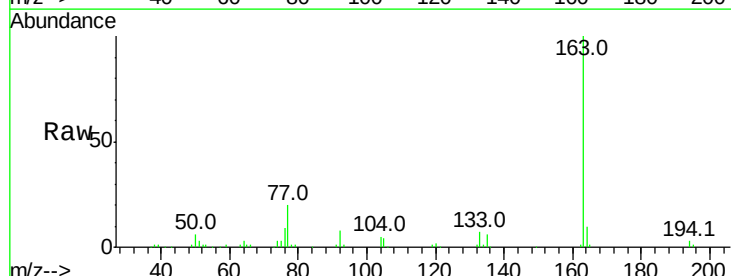


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

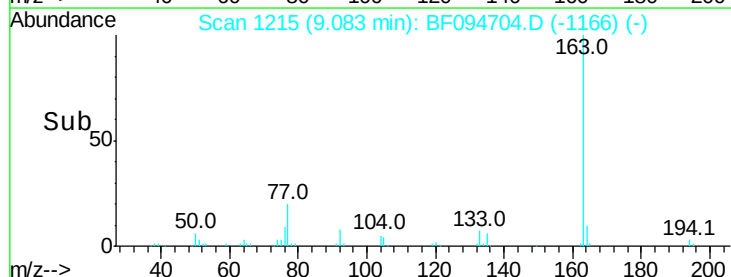
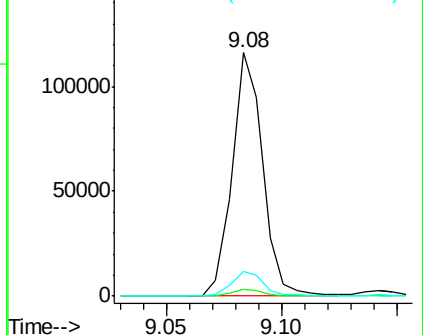


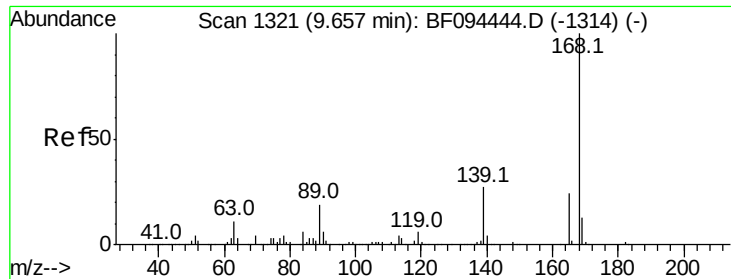
#49
 Dimethylphthalate
 Concen: 7.96 ng
 RT: 9.08 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF094704.D
 Acq: 29 Apr 2017 00:35

Tgt Ion:163 Resp: 107069
 Ion Ratio Lower Upper
 163 100
 194 3.0 2.6 4.0
 164 10.3 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

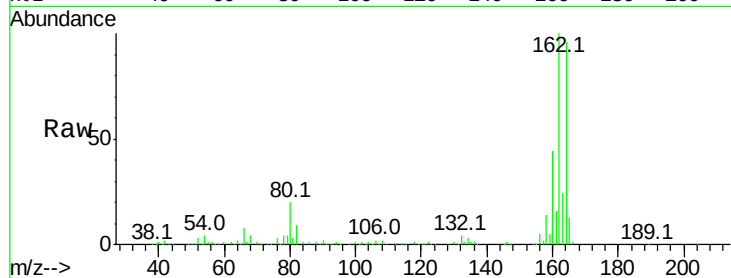




#56
 2,4-Dinitrotoluene
 Concen: 6.31 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. -0.26 min
 Lab File: BF094704.D
 Acq: 29 Apr 2017 00:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	25.4	38.0#
89	1.5	46.4	69.6#
182	0.0	1.8	2.6#

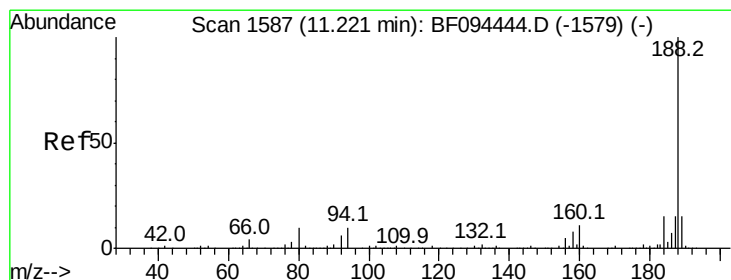
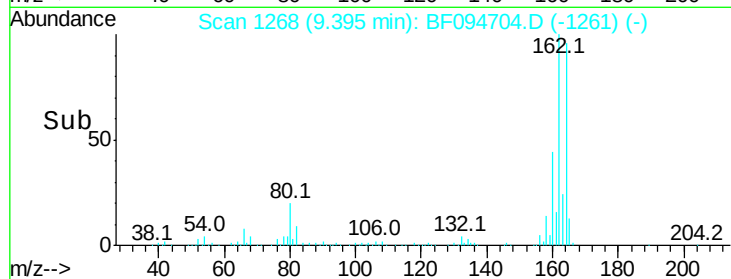
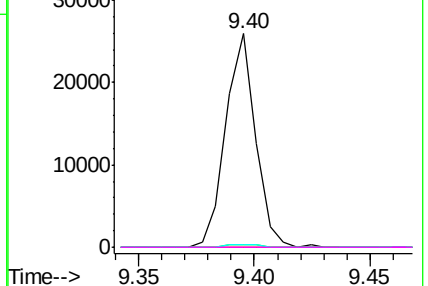


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

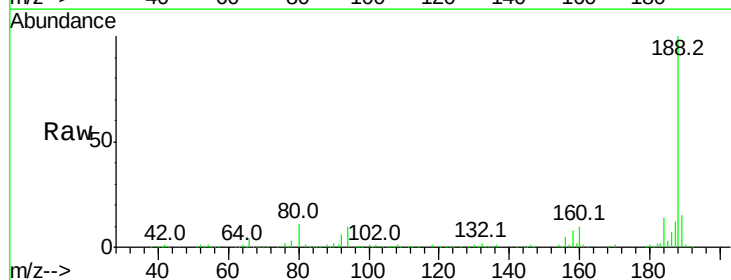
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.22 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: BF094704.D
 Acq: 29 Apr 2017 00:35

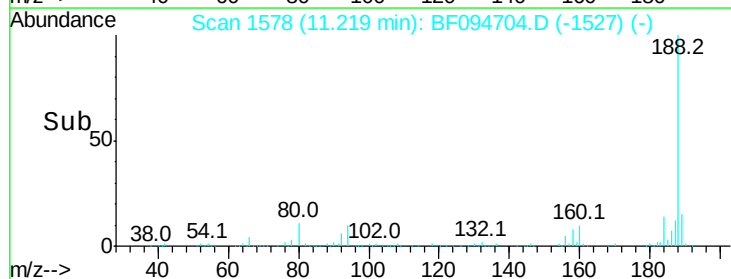
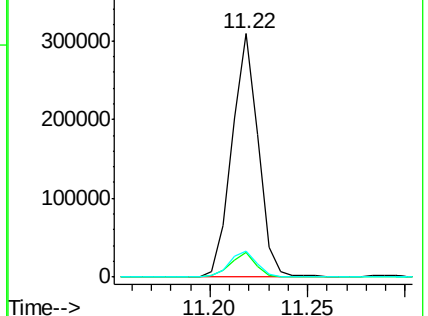
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.4	14.2
80	10.7	10.2	15.2

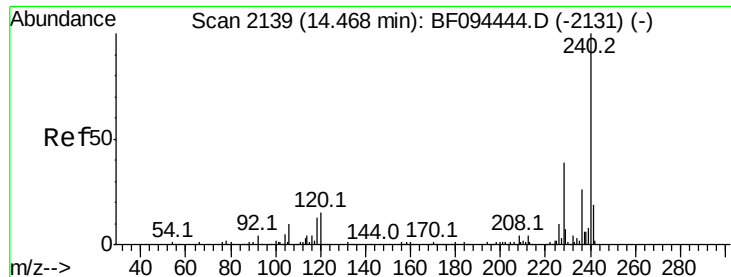


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.47 min Scan# 2131

Delta R.T. 0.00 min

Lab File: BF094704.D

Acq: 29 Apr 2017 00:35

Instrument :

BNA_F

ClientSampleId :

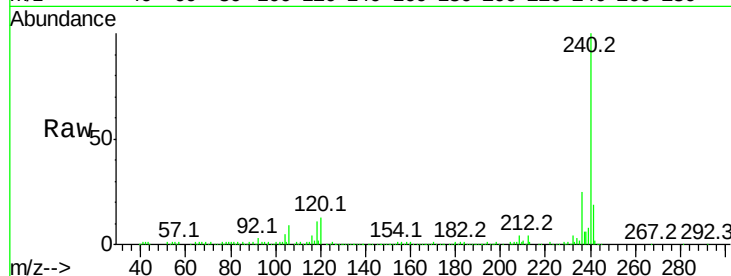
Tot Ion:240 Resp: 229909

Ion Ratio Lower Upper

240 100

120 13.0 5.8 8.8#

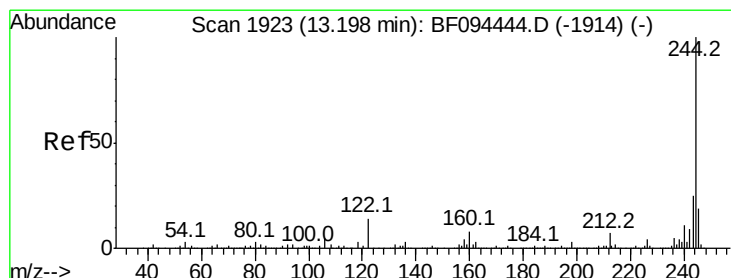
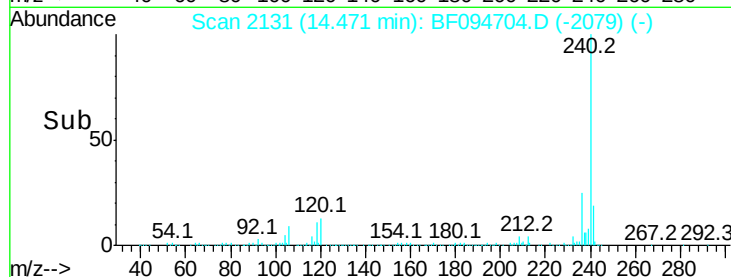
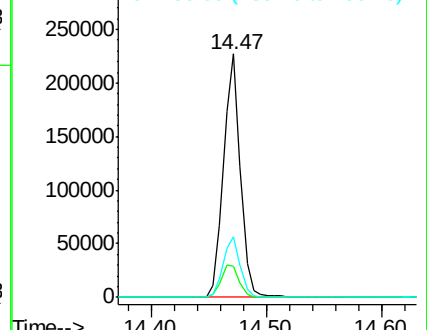
236 24.7 20.5 30.7



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: 65.83 ng

RT: 13.19 min Scan# 1914

Delta R.T. -0.00 min

Lab File: BF094704.D

Acq: 29 Apr 2017 00:35

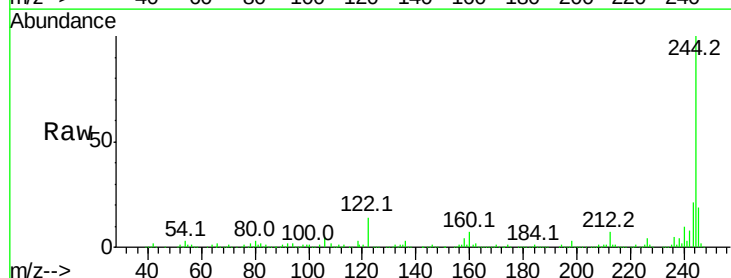
Tgt Ion:244 Resp: 566203

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

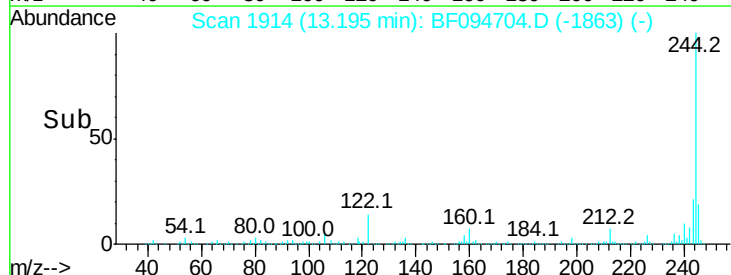
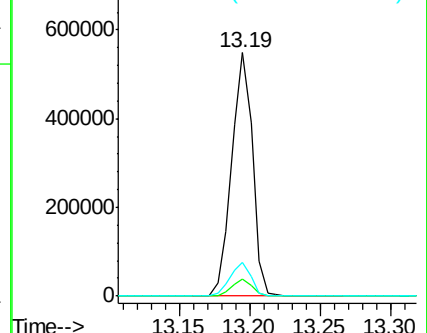
122 14.1 10.3 15.5

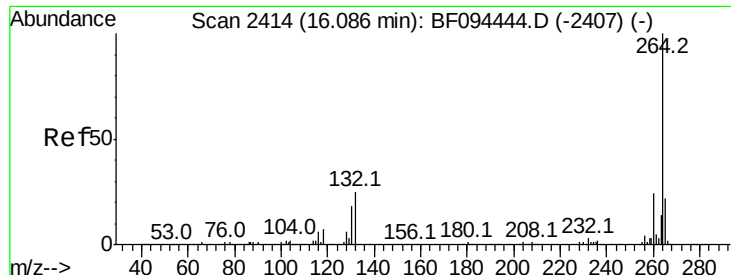


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.10 min Scan# 2408
 Delta R.T. 0.01 min
 Lab File: BF094704.D
 Acq: 29 Apr 2017 00:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.6	17.2	25.8

