

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042717\
 Data File : BF094669.D
 Acq On : 27 Apr 2017 17:52
 Operator : SJ/MA
 Sample : PB98520TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 28 02:20:02 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

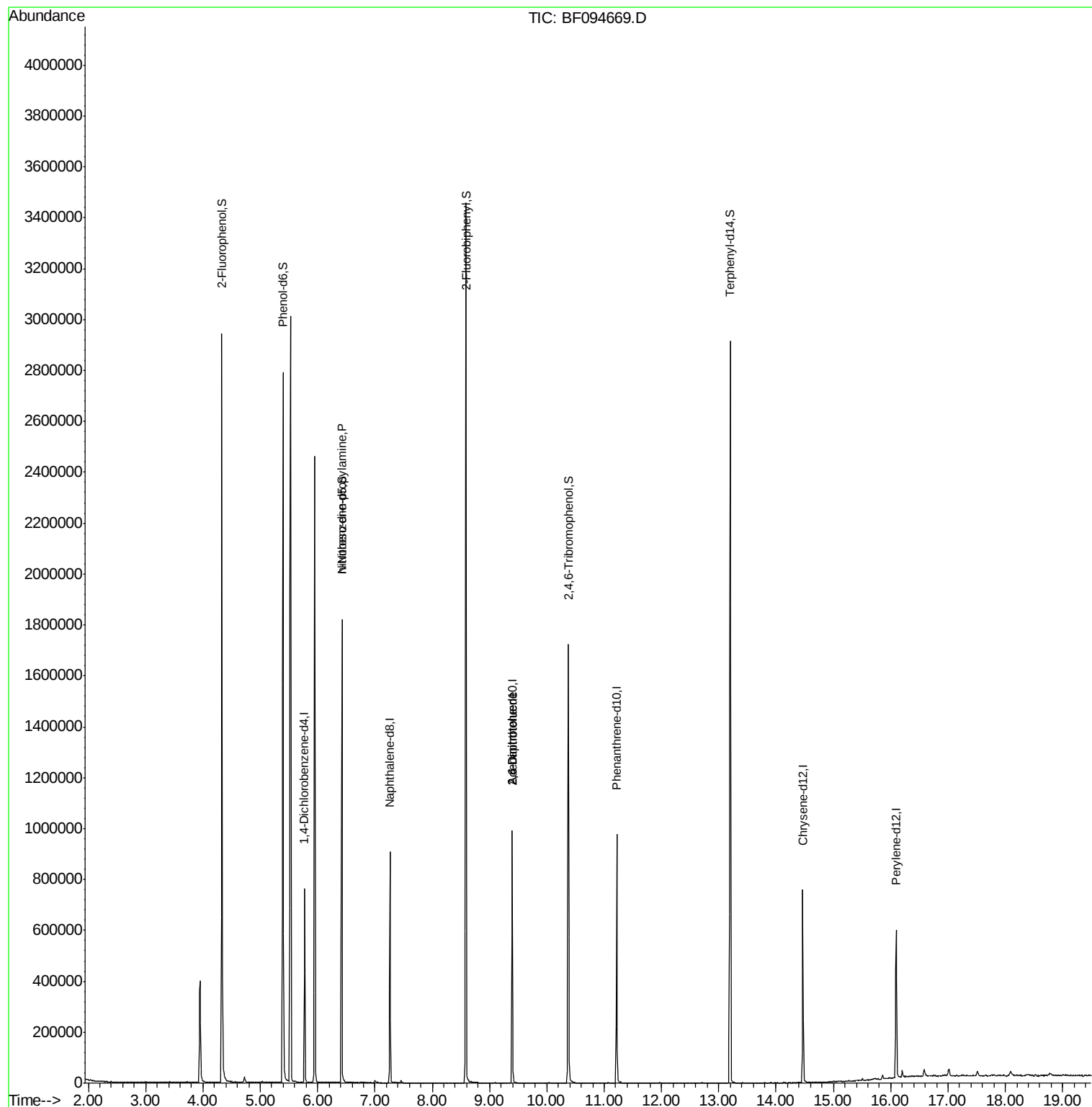
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	114361	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	461994	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	215925	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	378951	20.00	ng	0.00
75) Chrysene-d12	14.47	240	306680	20.00	ng	0.00
86) Perylene-d12	16.09	264	223486	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	908801	131.84	ng	0.03
7) Phenol-d6	5.40	99	1108293	136.38	ng	0.00
23) Nitrobenzene-d5	6.42	82	673657	90.04	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	235181	139.25	ng	0.00
44) 2-Fluorobiphenyl	8.59	172	1259865	85.85	ng	0.00
78) Terphenyl-d14	13.20	244	1147007	99.97	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.42	70	87164	16.19	ng	# 77
50) 2,6-Dinitrotoluene	9.40	165	26592	7.36	ng	# 32
56) 2,4-Dinitrotoluene	9.40	165	26592	6.00	ng	# 32

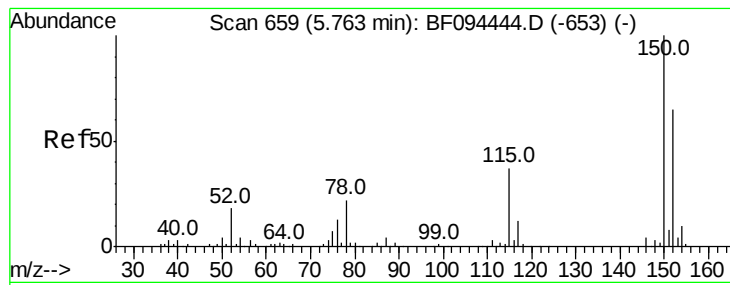
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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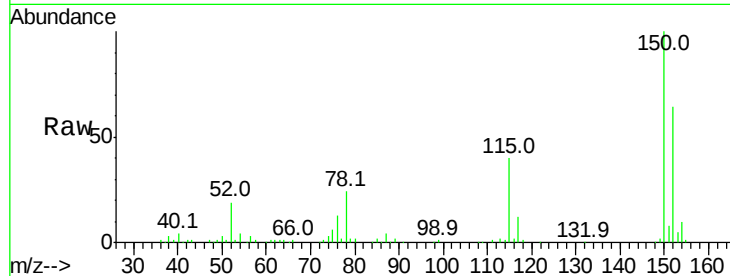


#1

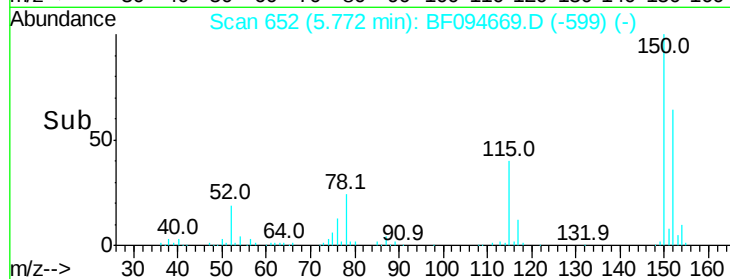
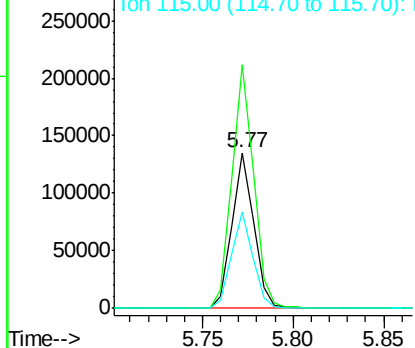
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF094669.D
Acq: 27 Apr 2017 17:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 114361
Ion Ratio Lower Upper
152 100
150 156.4 126.2 189.2
115 61.9 52.2 78.2



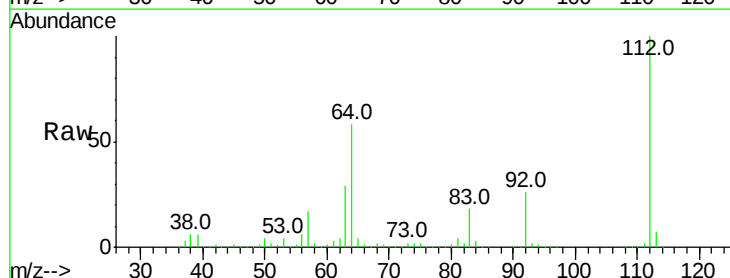
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



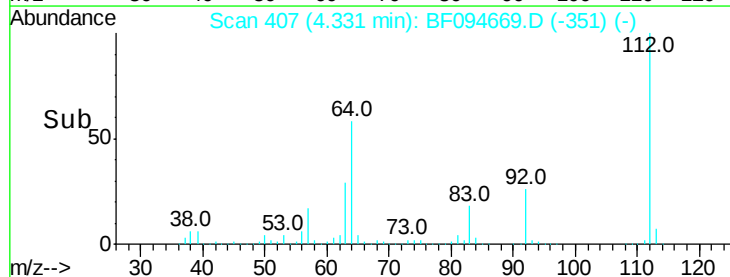
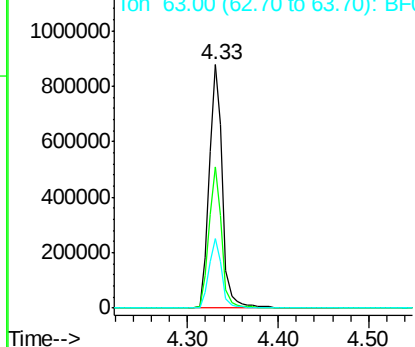
#5

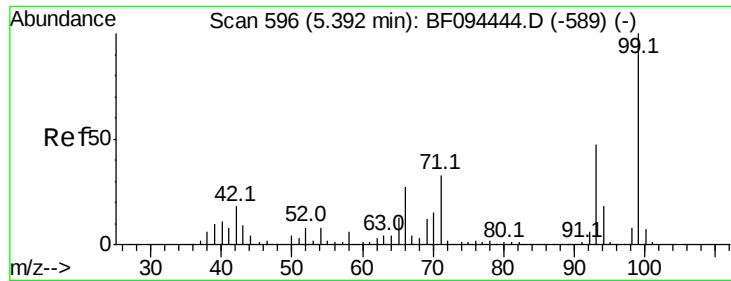
2-Fluorophenol
Concen: 131.84 ng
RT: 4.33 min Scan# 407
Delta R.T. 0.03 min
Lab File: BF094669.D
Acq: 27 Apr 2017 17:52

Tgt Ion:112 Resp: 908801
Ion Ratio Lower Upper
112 100
64 57.9 46.0 69.0
63 28.7 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: 136.38 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

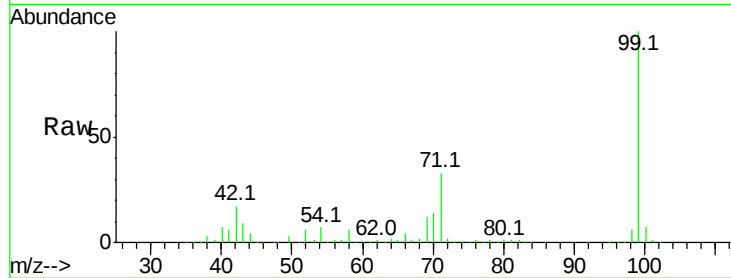
Lab File: BF094669.D

Acq: 27 Apr 2017 17:52

Instrument :
BNA_F
ClientSampled :

Tot Ion: 99 Resp: 1108293

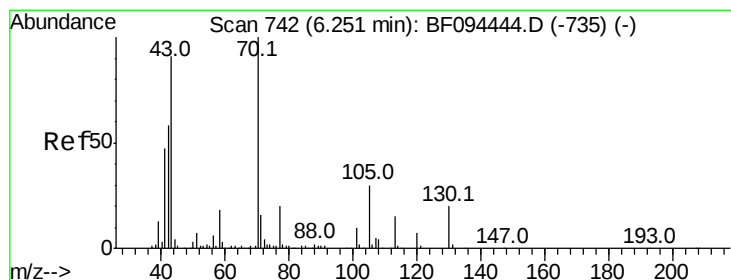
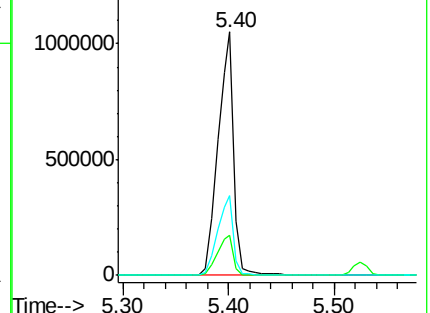
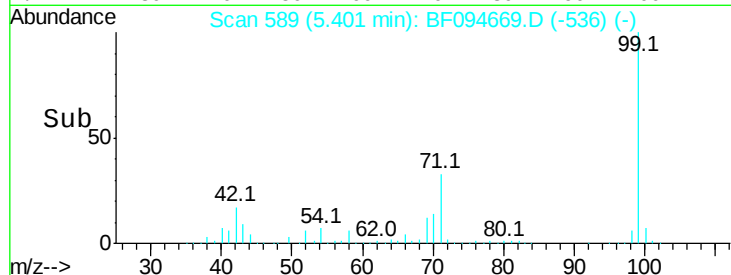
Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.5	20.3
71	32.9	24.5	36.7



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: 16.19 ng

RT: 6.42 min Scan# 763

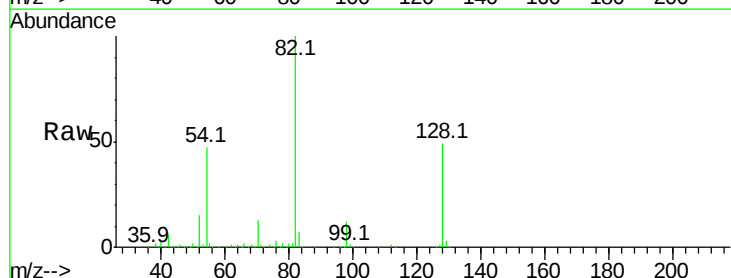
Delta R.T. 0.17 min

Lab File: BF094669.D

Acq: 27 Apr 2017 17:52

Tgt Ion: 70 Resp: 87164

Ion	Ratio	Lower	Upper
70	100		
42	46.3	47.2	70.8#
101	0.0	7.2	10.8#
130	2.1	15.9	23.9#

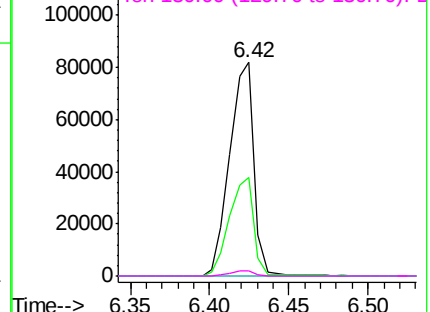
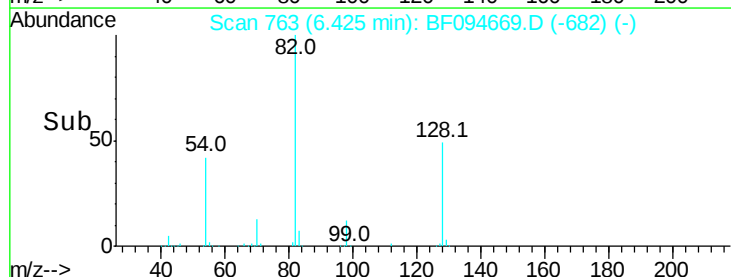


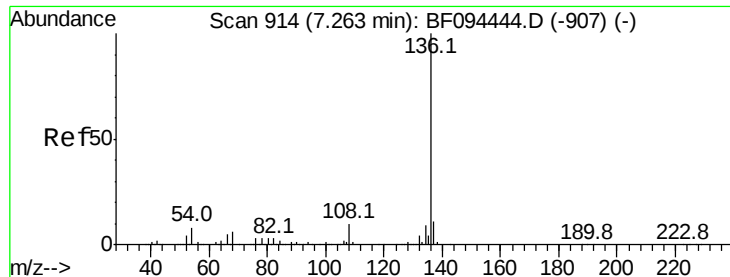
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.26 min Scan# 905

Delta R.T. -0.00 min

Lab File: BF094669.D

Acq: 27 Apr 2017 17:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 461994

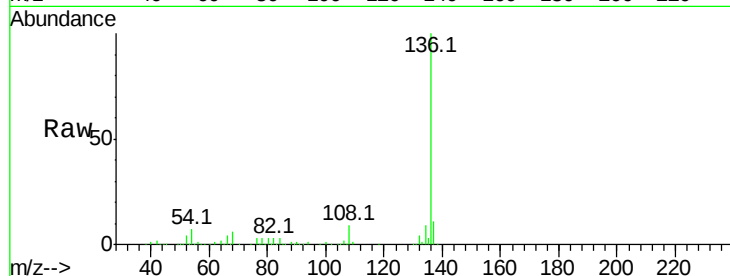
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 7.2 4.9 7.3

68 5.6 4.1 6.1

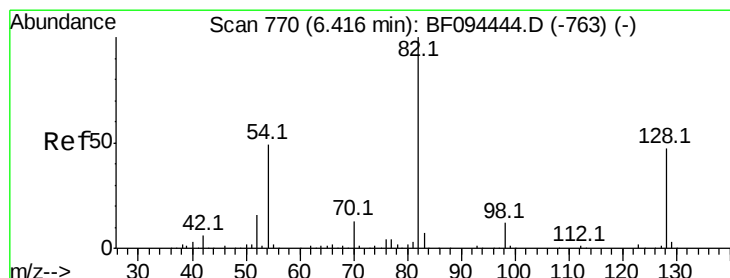
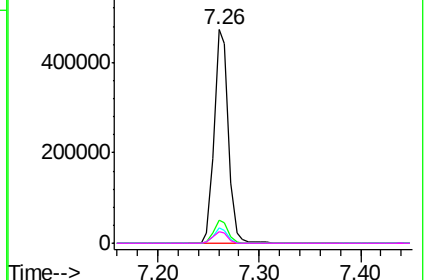
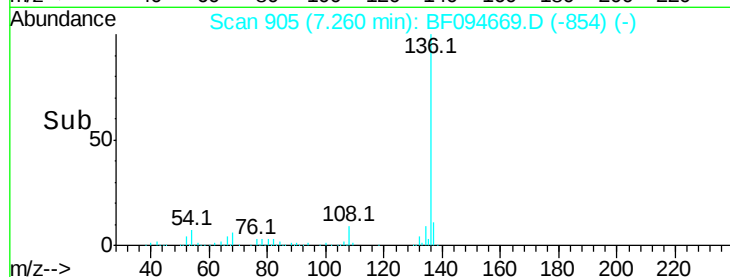


Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.04 ng

RT: 6.42 min Scan# 763

Delta R.T. 0.01 min

Lab File: BF094669.D

Acq: 27 Apr 2017 17:52

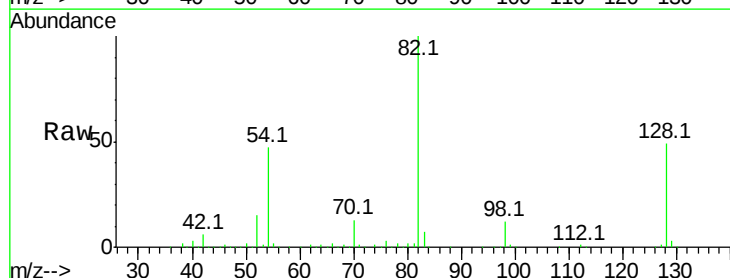
Tgt Ion: 82 Resp: 673657

Ion Ratio Lower Upper

82 100

128 48.8 34.0 51.0

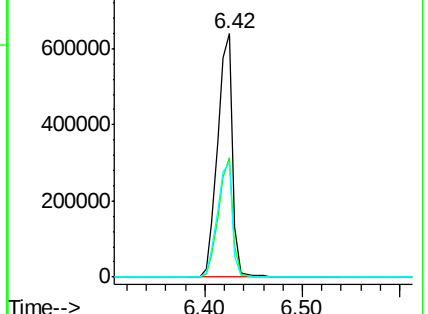
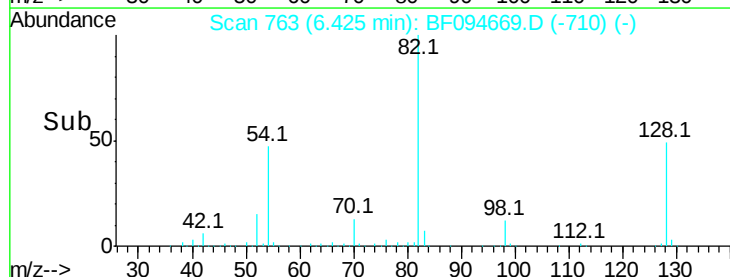
54 47.2 42.2 63.2



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

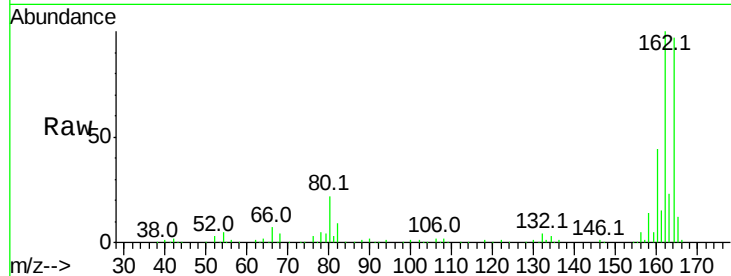




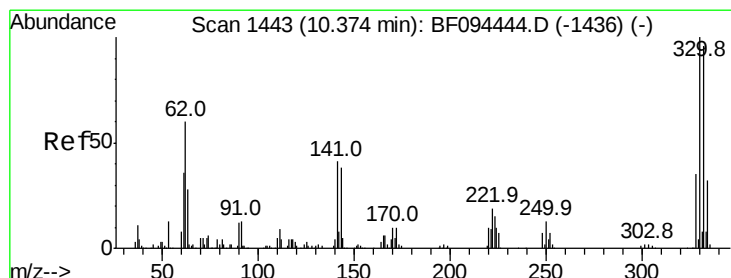
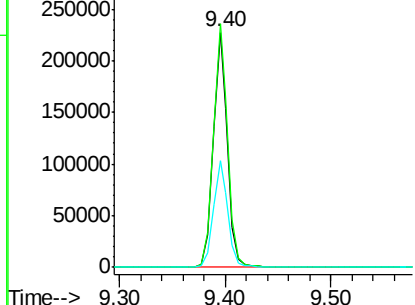
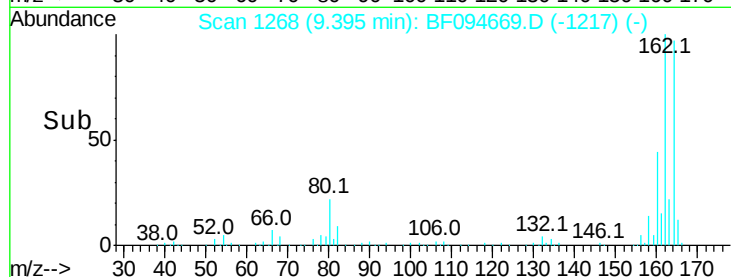
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.40 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BF094669.D
Acq: 27 Apr 2017 17:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 215925
Ion Ratio Lower Upper
164 100
162 103.5 82.6 123.8
160 45.3 36.2 54.2

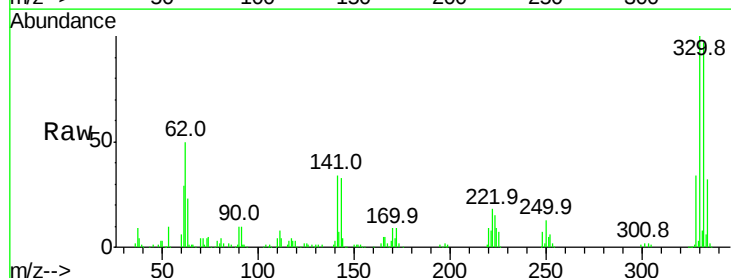


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

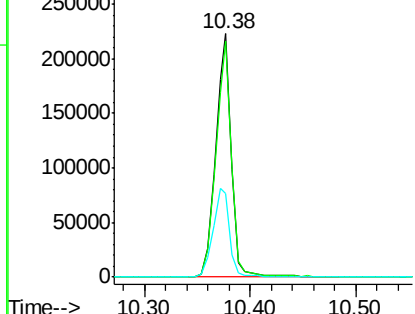
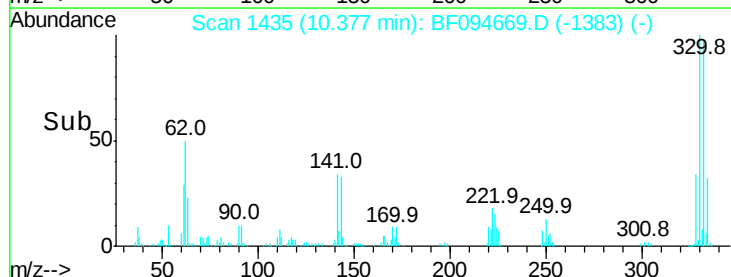


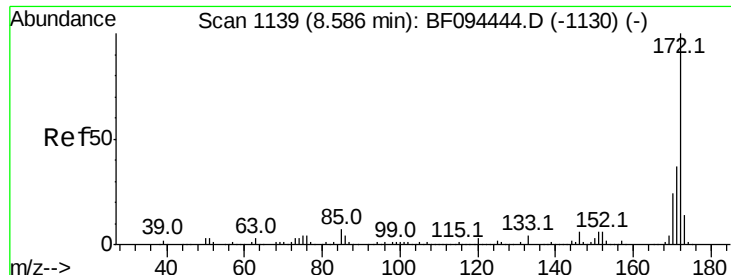
#41
2,4,6-Tribromophenol
Concen: 139.25 ng
RT: 10.38 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF094669.D
Acq: 27 Apr 2017 17:52

Tgt Ion:330 Resp: 235181
Ion Ratio Lower Upper
330 100
332 96.0 76.6 115.0
141 38.4 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



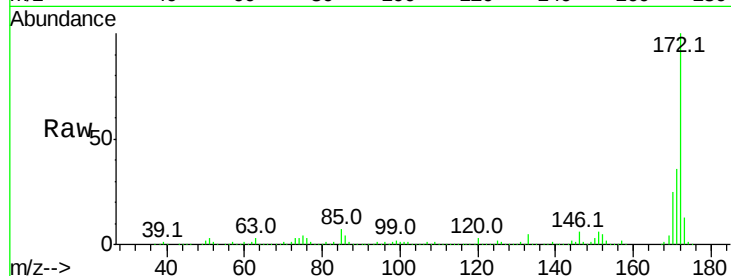


#44
 2-Fluorobiphenyl
 Concen: 85.85 ng
 RT: 8.59 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: BF094669.D
 Acq: 27 Apr 2017 17:52

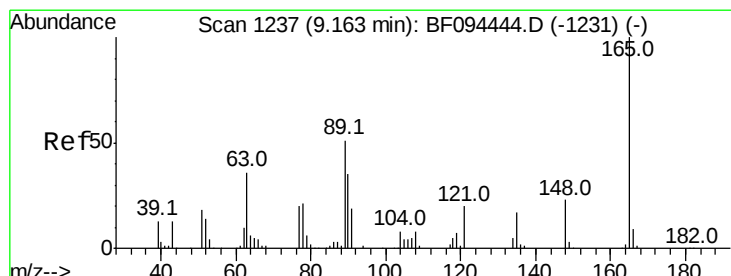
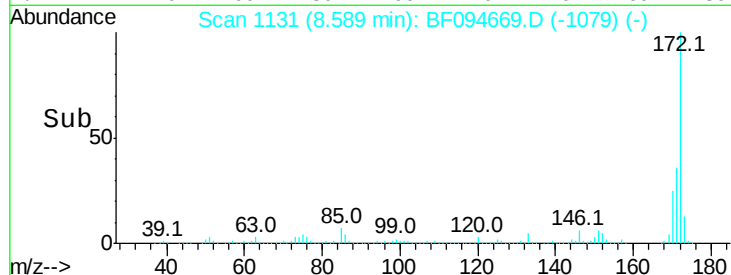
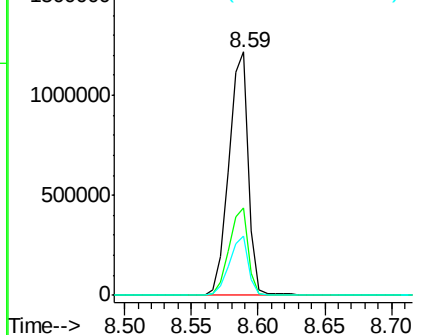
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1259865

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	24.5	19.8	29.8



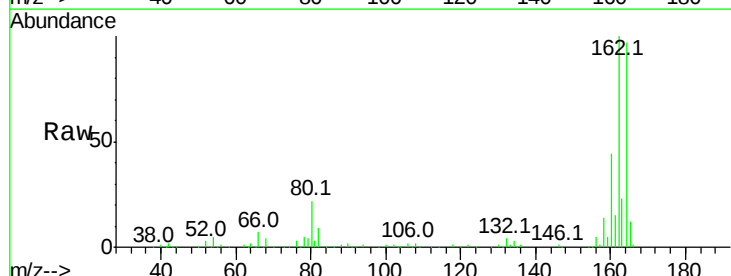
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



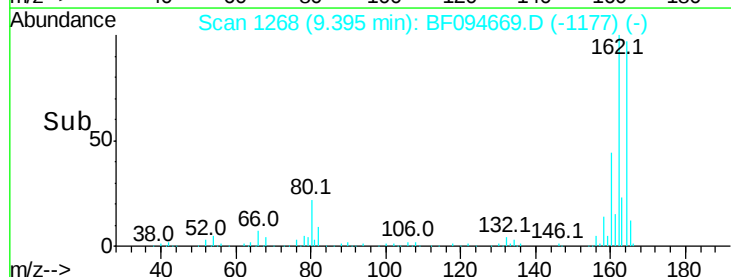
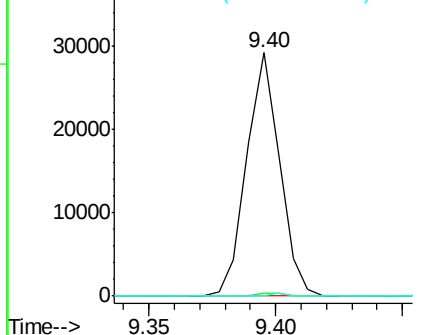
#50
 2,6-Dinitrotoluene
 Concen: 7.36 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. 0.23 min
 Lab File: BF094669.D
 Acq: 27 Apr 2017 17:52

Tgt Ion:165 Resp: 26592

Ion	Ratio	Lower	Upper
165	100		
63	1.0	34.3	51.5#
89	0.0	37.1	55.7#



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





#56

2,4-Dinitrotoluene

Concen: 6.00 ng

RT: 9.40 min Scan# 1268

Delta R.T. -0.26 min

Lab File: BF094669.D

Acq: 27 Apr 2017 17:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 26592

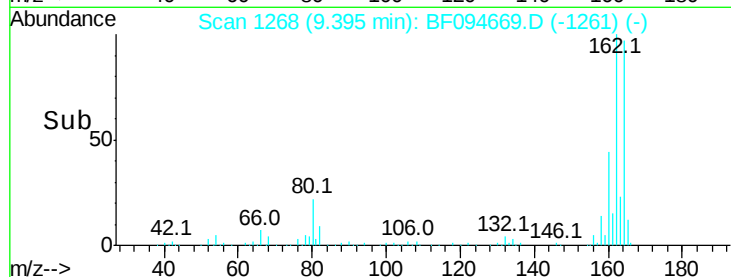
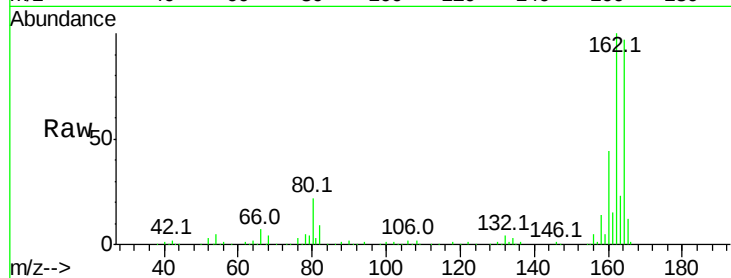
Ion Ratio Lower Upper

165 100

63 1.0 25.4 38.0#

89 0.0 46.4 69.6#

182 0.0 1.8 2.6#

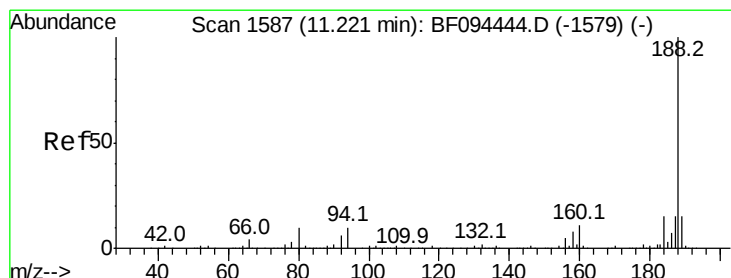
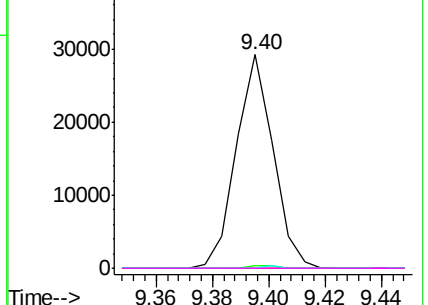


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.22 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BF094669.D

Acq: 27 Apr 2017 17:52

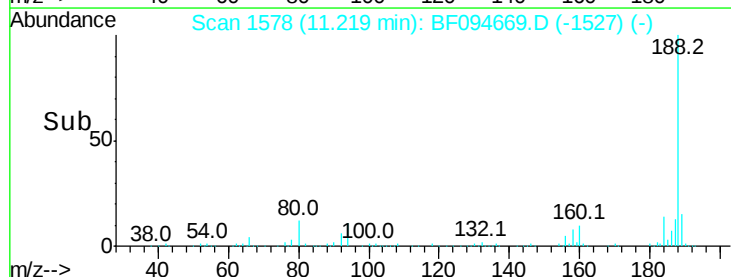
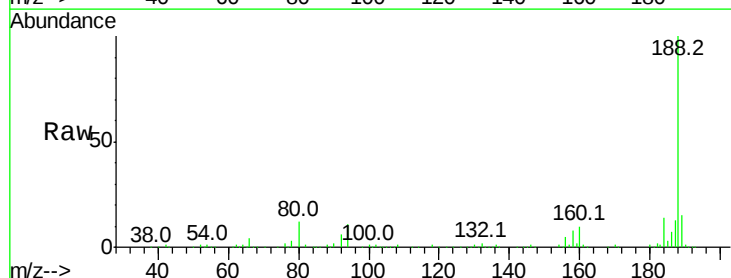
Tgt Ion:188 Resp: 378951

Ion Ratio Lower Upper

188 100

94 10.5 9.4 14.2

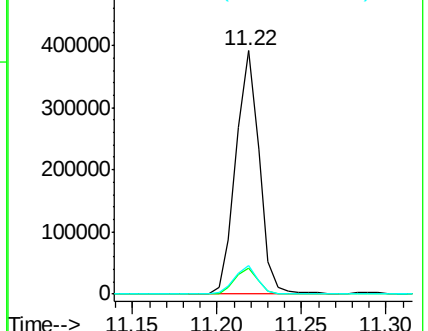
80 11.9 10.2 15.2

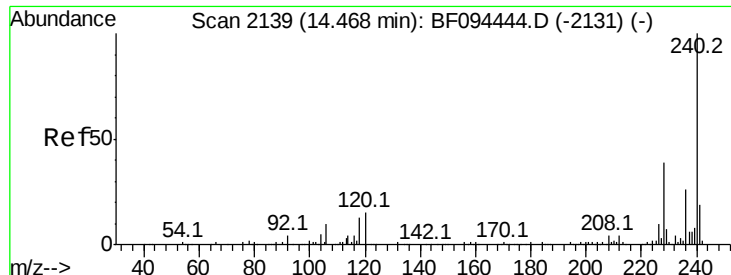


Abundance Ion 188.00 (187.70 to 188.70): E

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# 2130

Delta R.T. -0.00 min

Lab File: BF094669.D

Acq: 27 Apr 2017 17:52

Instrument :

BNA_F

ClientSampleId :

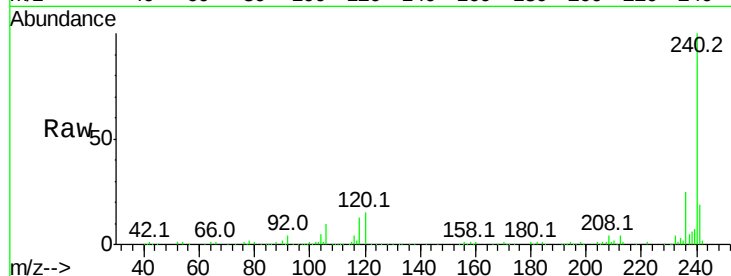
Tot Ion:240 Resp: 306680

Ion Ratio Lower Upper

240 100

120 15.0 5.8 8.8#

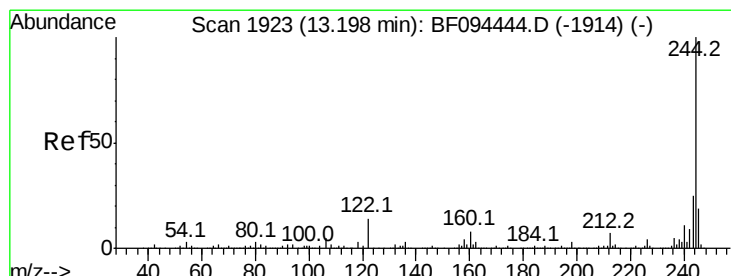
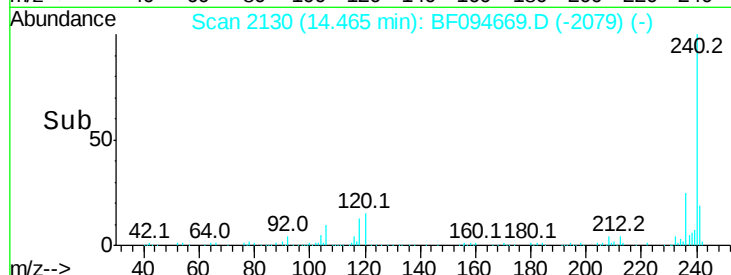
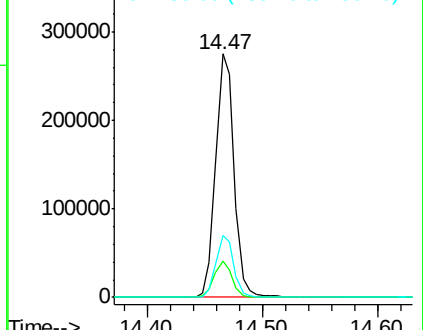
236 25.2 20.5 30.7



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: 99.97 ng

RT: 13.20 min Scan# 1915

Delta R.T. 0.00 min

Lab File: BF094669.D

Acq: 27 Apr 2017 17:52

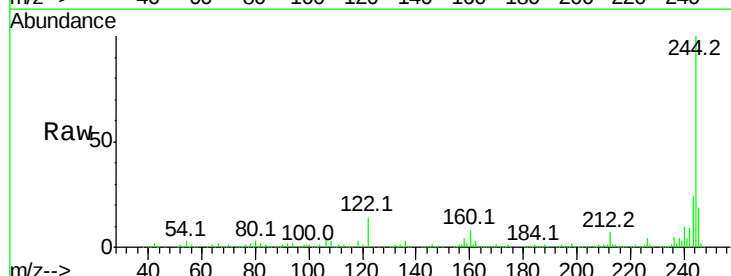
Tgt Ion:244 Resp: 1147007

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

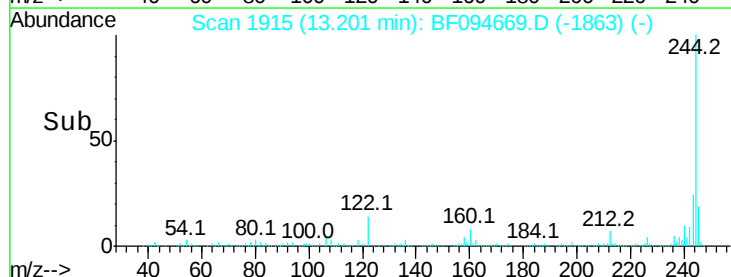
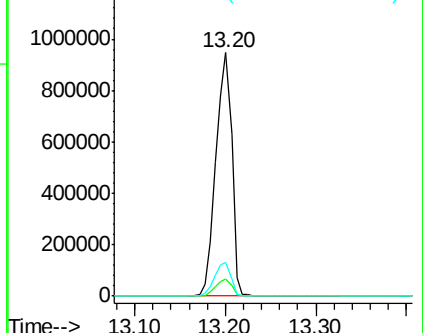
122 13.7 10.3 15.5

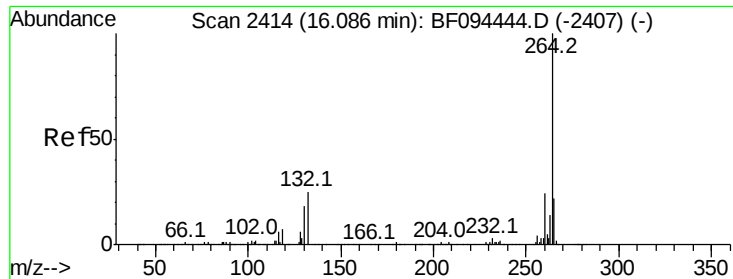


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.09 min Scan# 2407
 Delta R.T. 0.01 min
 Lab File: BF094669.D
 Acq: 27 Apr 2017 17:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 264 Resp: 223486
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.5 29.3
 265 21.9 17.2 25.8

