

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041817\
 Data File : BF094483.D
 Acq On : 18 Apr 2017 13:30
 Operator : SJ/MA
 Sample : PB98269BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 19 01:09:59 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

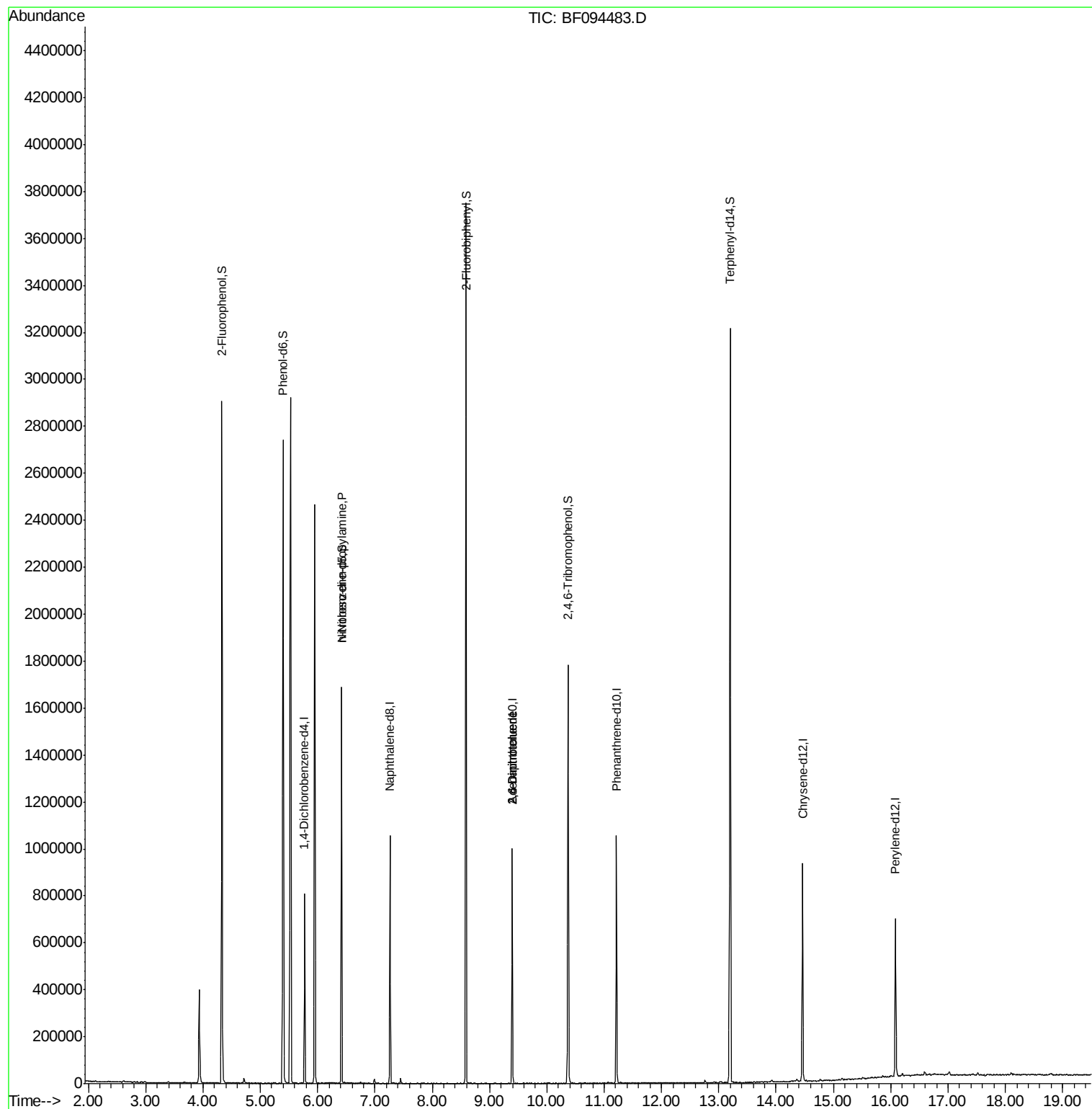
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	120709	20.00	ng	0.00
21) Naphthalene-d8	7.27	136	496743	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	203273	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	431149	20.00	ng	0.00
75) Chrysene-d12	14.46	240	347681	20.00	ng	0.00
86) Perylene-d12	16.08	264	252179	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	867110	119.18	ng	0.03
7) Phenol-d6	5.40	99	1127266	131.42	ng	0.00
23) Nitrobenzene-d5	6.42	82	651165	80.94	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	224763	141.36	ng	0.00
44) 2-Fluorobiphenyl	8.59	172	1269431	91.88	ng	0.00
78) Terphenyl-d14	13.20	244	1224511	94.14	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.42	70	83413	14.68	ng	# 75
50) 2,6-Dinitrotoluene	9.40	165	25471	7.49	ng	# 31
56) 2,4-Dinitrotoluene	9.40	165	25471	6.10	ng	# 31

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

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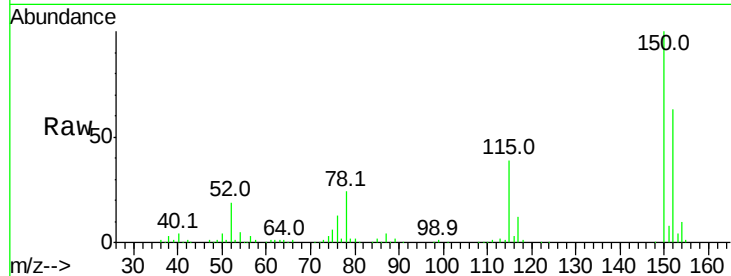


#1

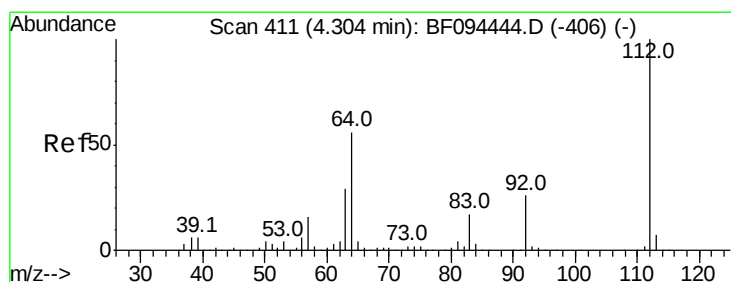
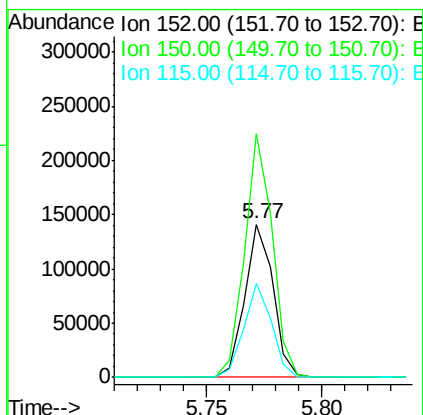
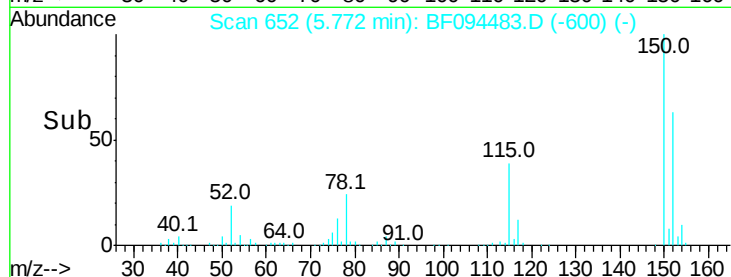
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF094483.D
Acq: 18 Apr 2017 13:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 120709
Ion Ratio Lower Upper
152 100
150 159.2 126.2 189.2
115 61.4 52.2 78.2



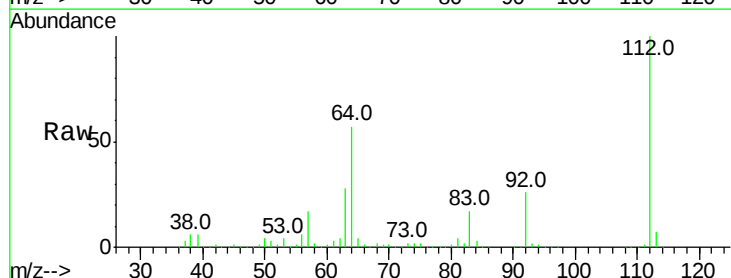
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



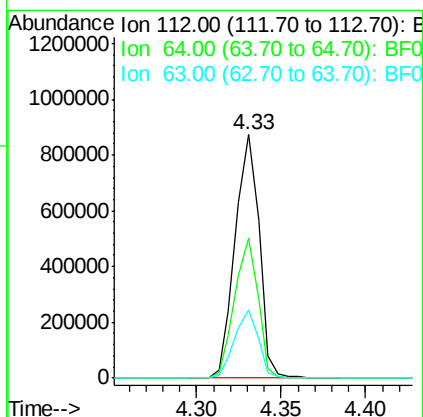
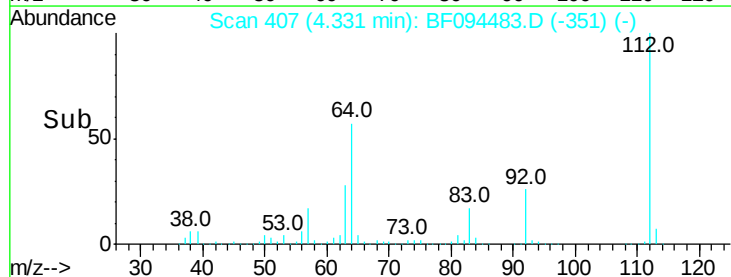
#5

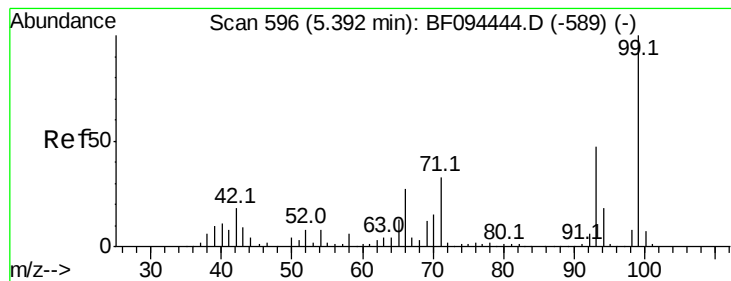
2-Fluorophenol
Concen: 119.18 ng
RT: 4.33 min Scan# 407
Delta R.T. 0.03 min
Lab File: BF094483.D
Acq: 18 Apr 2017 13:30

Tgt Ion:112 Resp: 867110
Ion Ratio Lower Upper
112 100
64 57.3 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: 131.42 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094483.D

Acq: 18 Apr 2017 13:30

Instrument :

BNA_F

ClientSampleId :

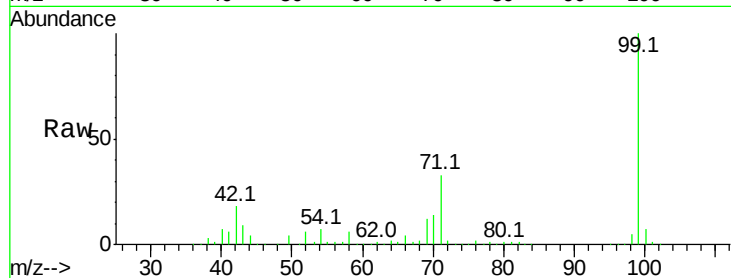
Tot Ion: 99 Resp: 1127266

Ion Ratio Lower Upper

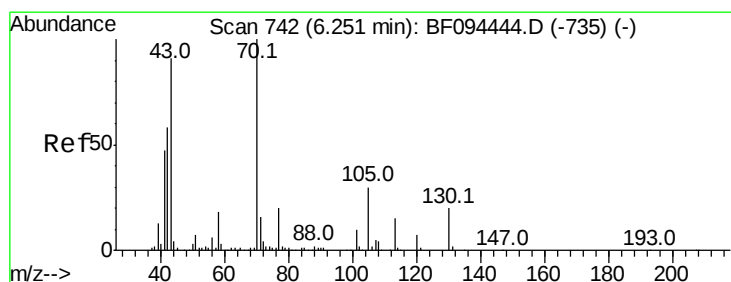
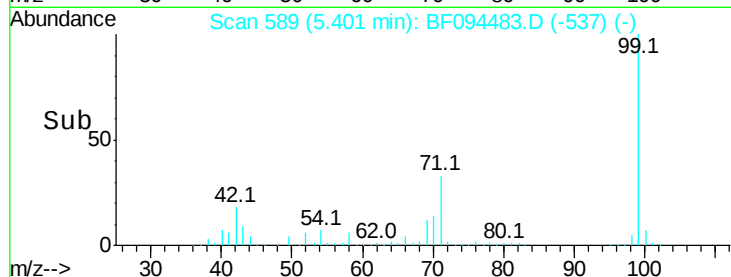
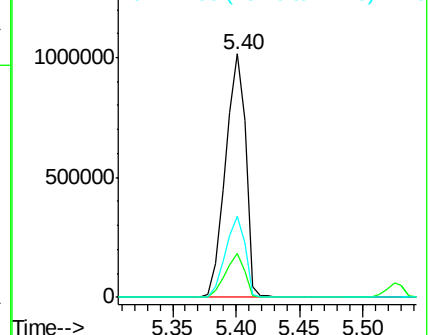
99 100

42 17.9 13.5 20.3

71 33.5 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: 14.68 ng

RT: 6.42 min Scan# 763

Delta R.T. 0.17 min

Lab File: BF094483.D

Acq: 18 Apr 2017 13:30

Tgt Ion: 70 Resp: 83413

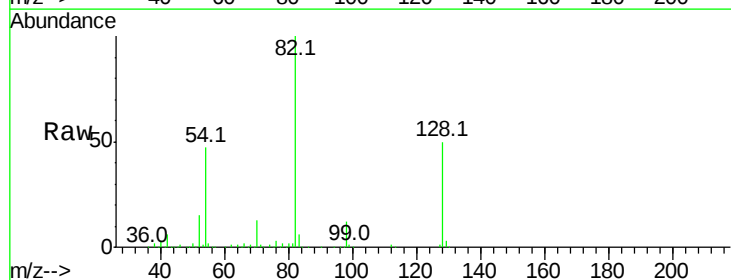
Ion Ratio Lower Upper

70 100

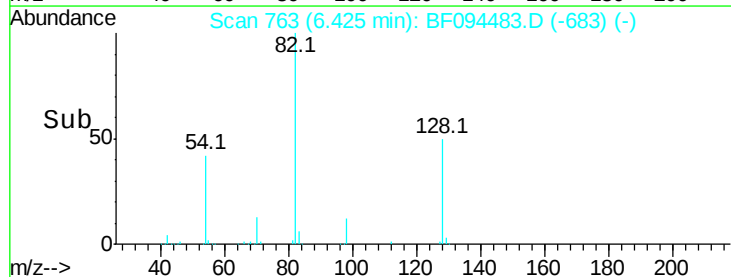
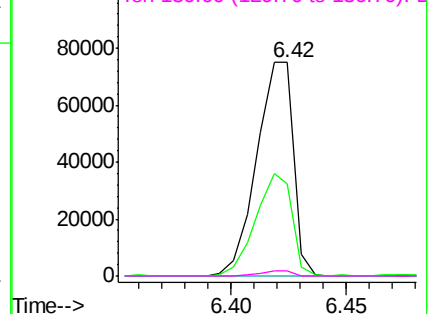
42 43.1 47.2 70.8#

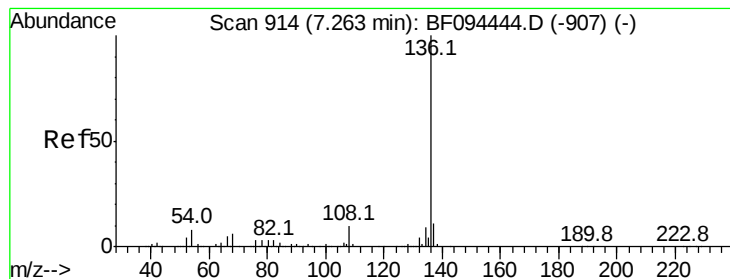
101 0.0 7.2 10.8#

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: 7.27 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF094483.D

Acq: 18 Apr 2017 13:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 496743

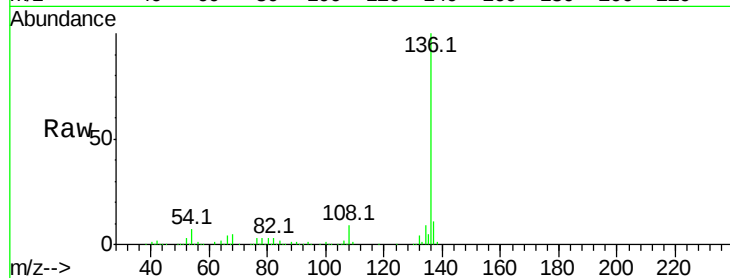
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.2 4.9 7.3

68 5.3 4.1 6.1

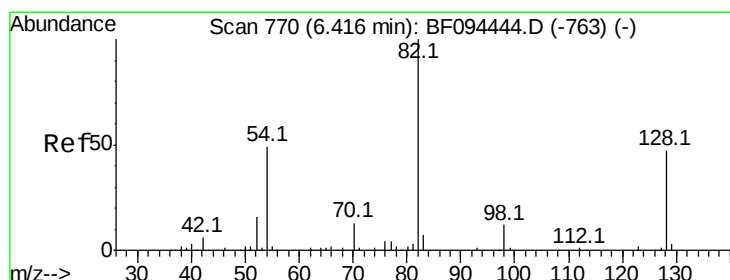
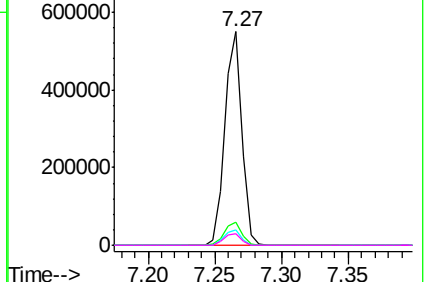
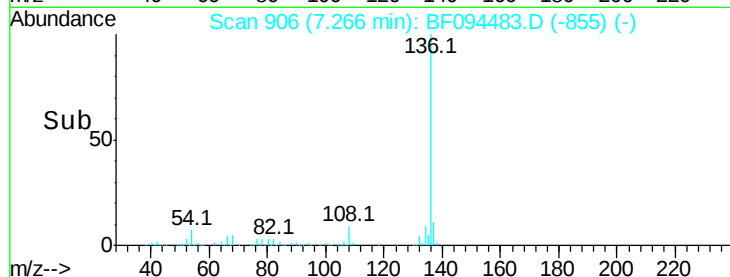


Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.94 ng

RT: 6.42 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF094483.D

Acq: 18 Apr 2017 13:30

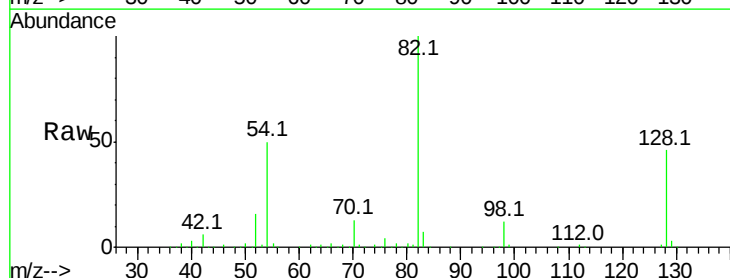
Tgt Ion: 82 Resp: 651165

Ion Ratio Lower Upper

82 100

128 45.9 34.0 51.0

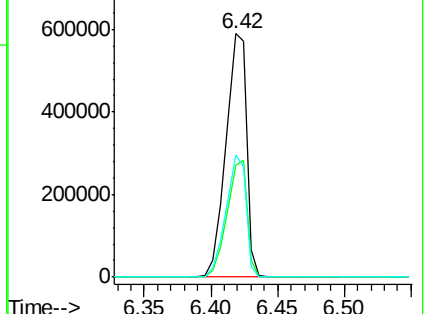
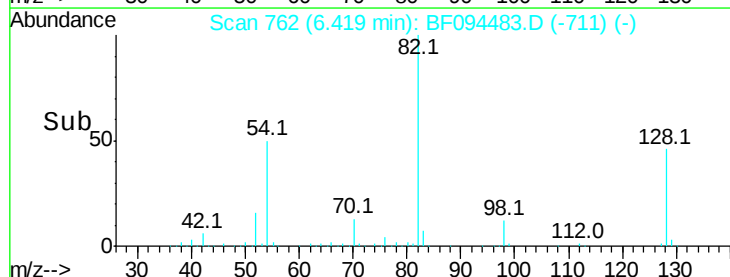
54 50.0 42.2 63.2

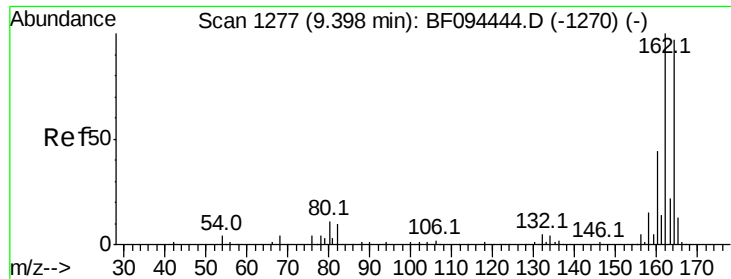


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

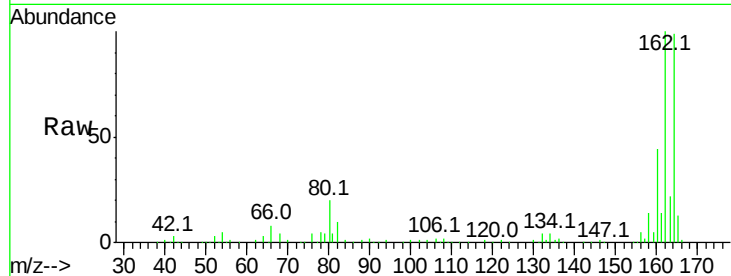




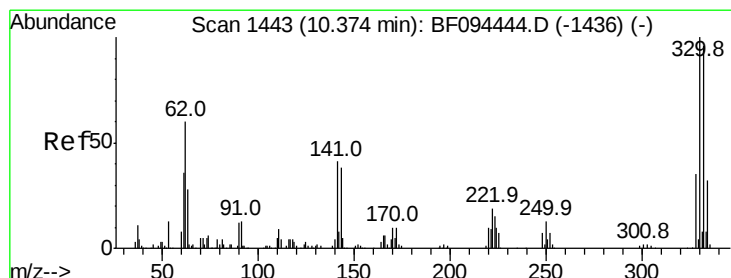
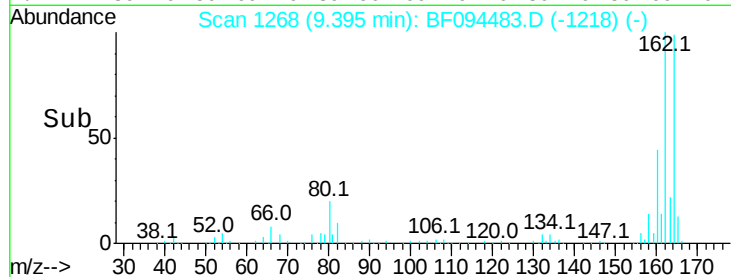
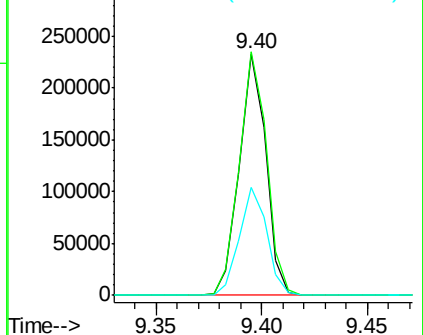
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF094483.D
 Acq: 18 Apr 2017 13:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 203273
 Ion Ratio Lower Upper
 164 100
 162 100.9 82.6 123.8
 160 44.8 36.2 54.2

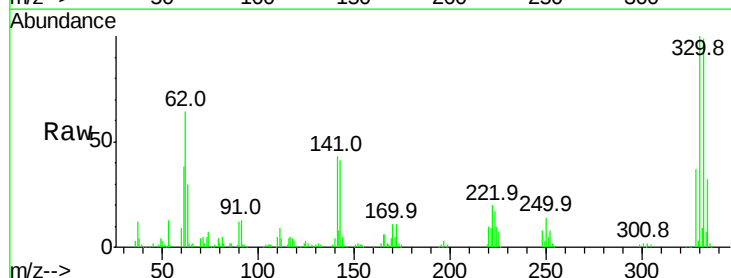


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

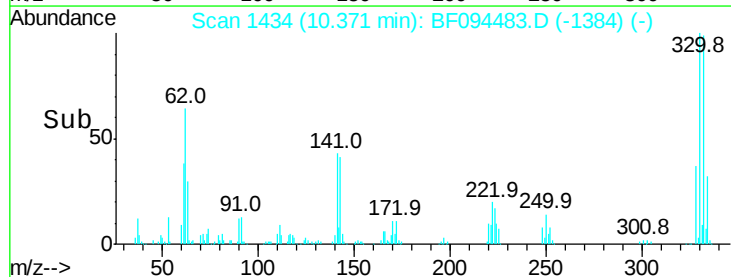
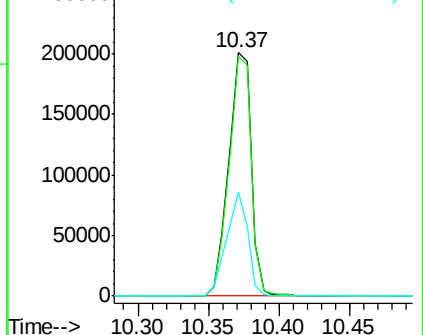


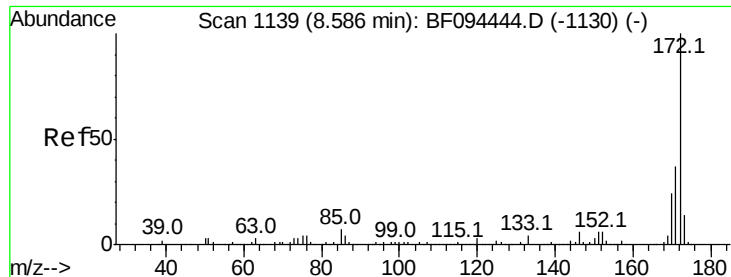
#41
 2,4,6-Tribromophenol
 Concen: 141.36 ng
 RT: 10.37 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF094483.D
 Acq: 18 Apr 2017 13:30

Tgt Ion:330 Resp: 224763
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 115.0
 141 40.2 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

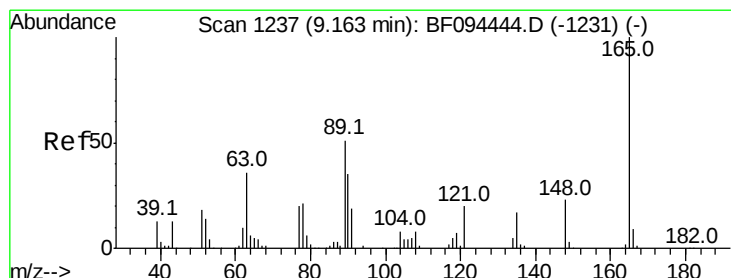
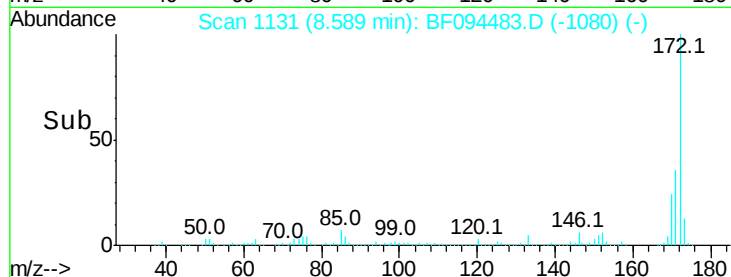
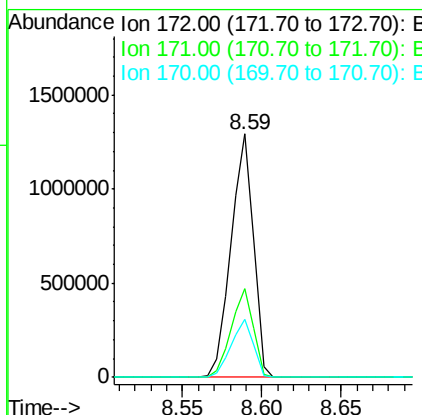
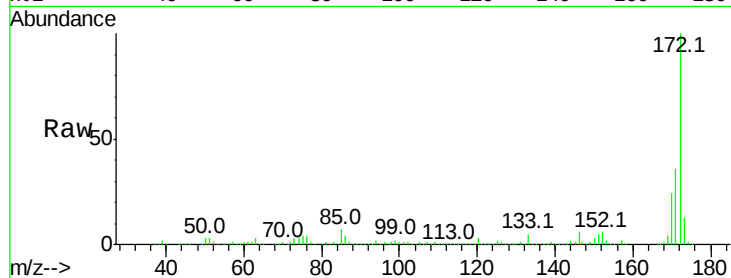




#44
2-Fluorobiphenyl
Concen: 91.88 ng
RT: 8.59 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF094483.D
Acq: 18 Apr 2017 13:30

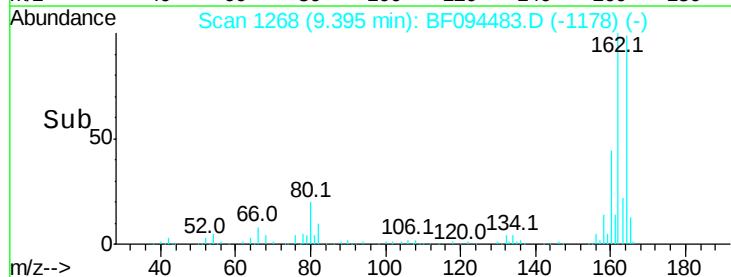
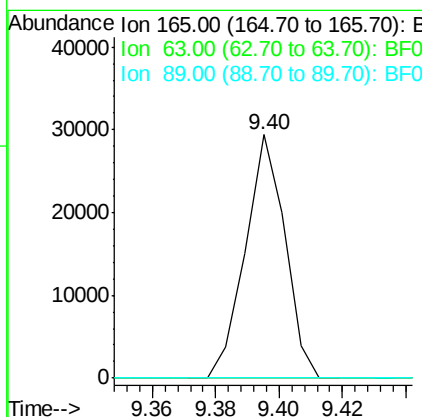
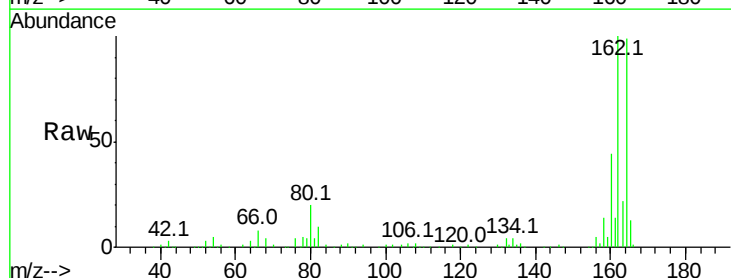
Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1269431
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 23.9 19.8 29.8



#50
2,6-Dinitrotoluene
Concen: 7.49 ng
RT: 9.40 min Scan# 1268
Delta R.T. 0.23 min
Lab File: BF094483.D
Acq: 18 Apr 2017 13:30

Tgt Ion:165 Resp: 25471
Ion Ratio Lower Upper
165 100
63 0.0 34.3 51.5#
89 0.0 37.1 55.7#

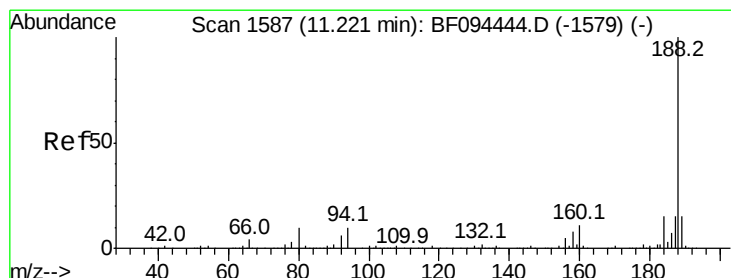
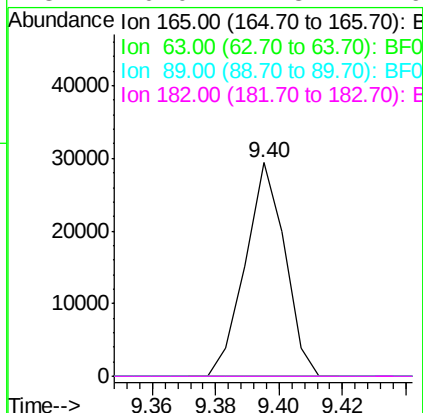
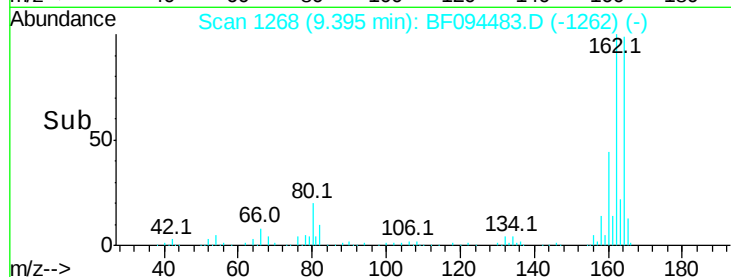
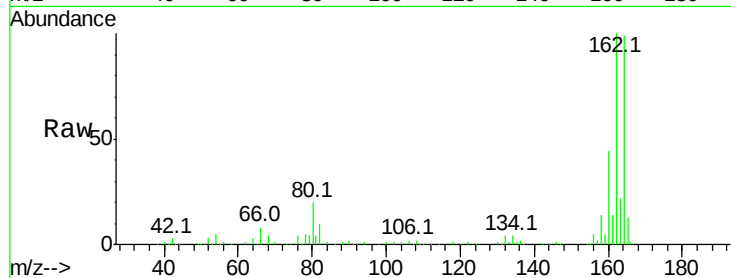




#56
 2,4-Dinitrotoluene
 Concen: 6.10 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. -0.26 min
 Lab File: BF094483.D
 Acq: 18 Apr 2017 13:30

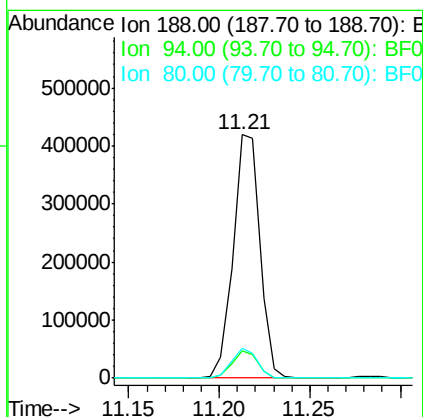
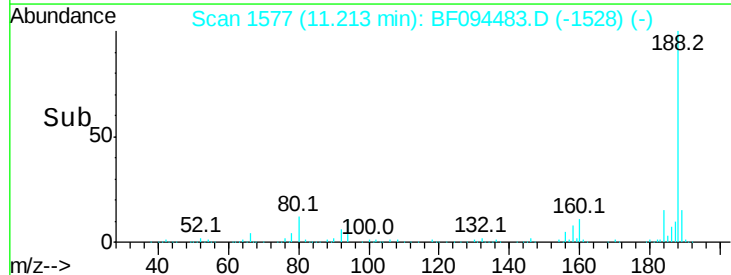
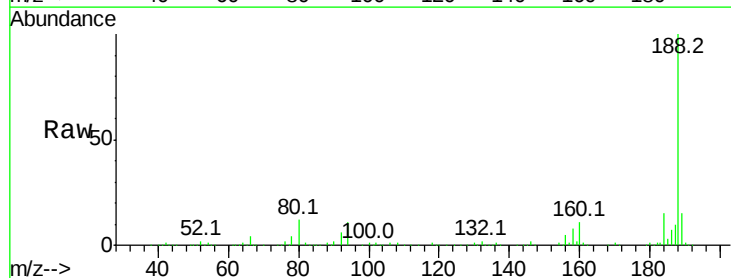
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 BNA_F
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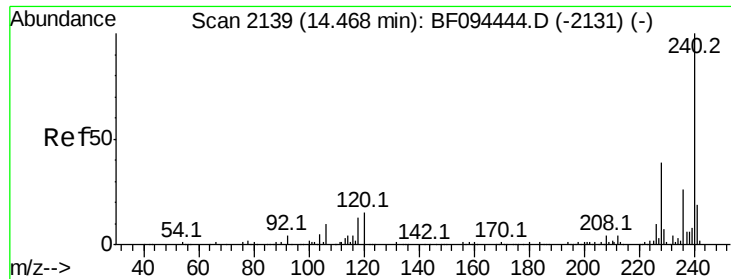
Tot Ion:165 Resp: 25471
 Ion Ratio Lower Upper
 165 100
 63 0.0 25.4 38.0#
 89 0.0 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF094483.D
 Acq: 18 Apr 2017 13:30

Tgt Ion:188 Resp: 431149
 Ion Ratio Lower Upper
 188 100
 94 11.4 9.4 14.2
 80 12.0 10.2 15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.46 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BF094483.D

Acq: 18 Apr 2017 13:30

Instrument :

BNA_F

ClientSampleId :

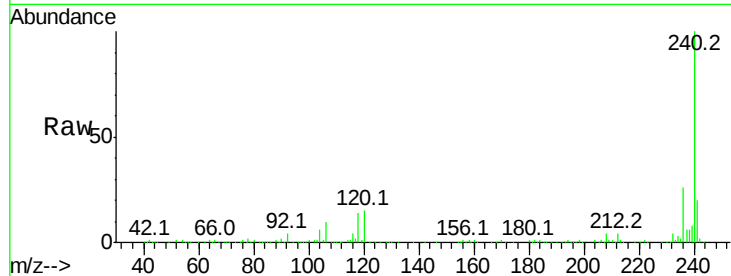
Tot Ion:240 Resp: 347681

Ion Ratio Lower Upper

240 100

120 15.0 5.8 8.8#

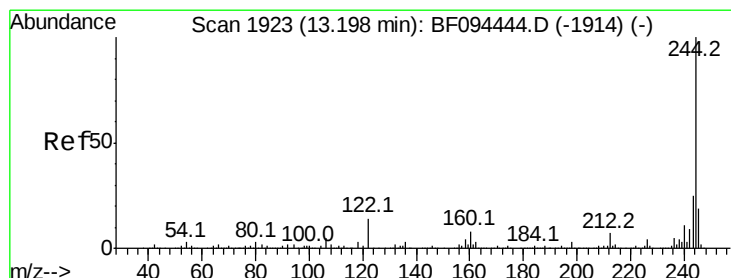
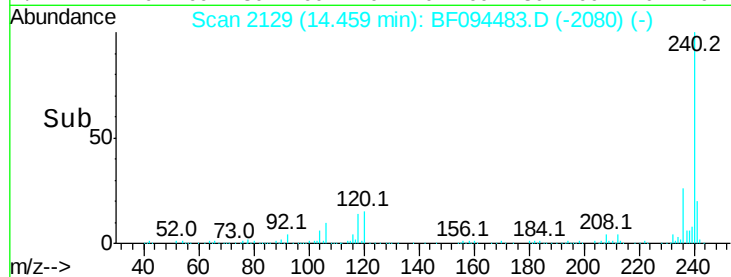
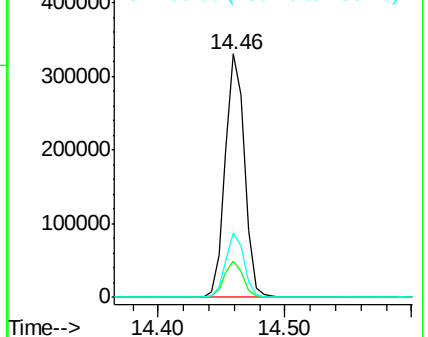
236 26.3 20.5 30.7



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: 94.14 ng

RT: 13.20 min Scan# 1915

Delta R.T. 0.00 min

Lab File: BF094483.D

Acq: 18 Apr 2017 13:30

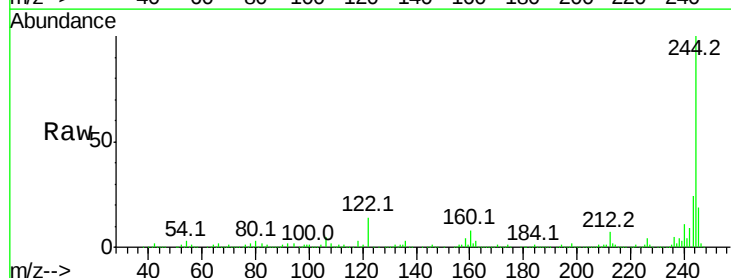
Tgt Ion:244 Resp: 1224511

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

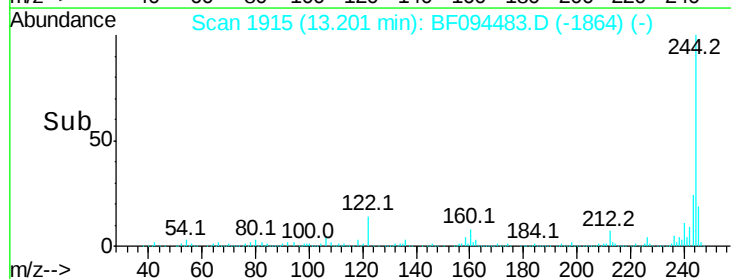
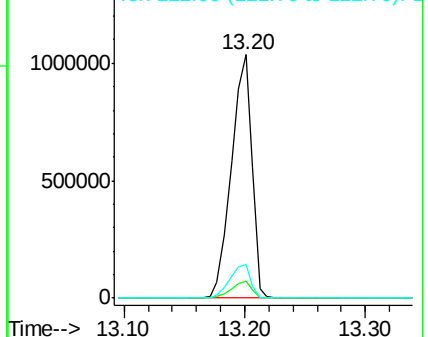
122 13.9 10.3 15.5

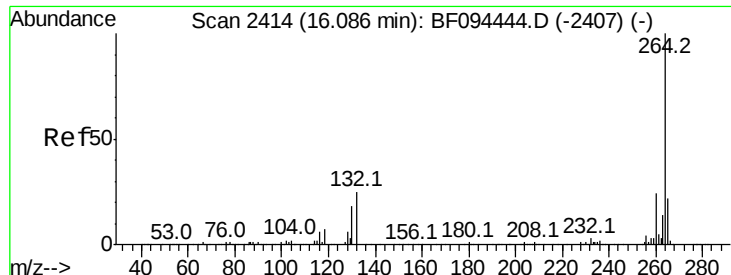


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

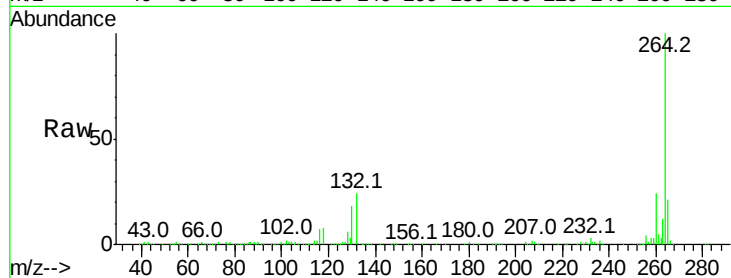




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 2405
 Delta R.T. -0.00 min
 Lab File: BF094483.D
 Acq: 18 Apr 2017 13:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 252179
 Ion Ratio Lower Upper
 264 100
 260 23.9 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

