

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
 Data File : BF094709.D
 Acq On : 30 Apr 2017 12:49
 Operator : SJ/MA
 Sample : PB98571BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 01:17:56 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

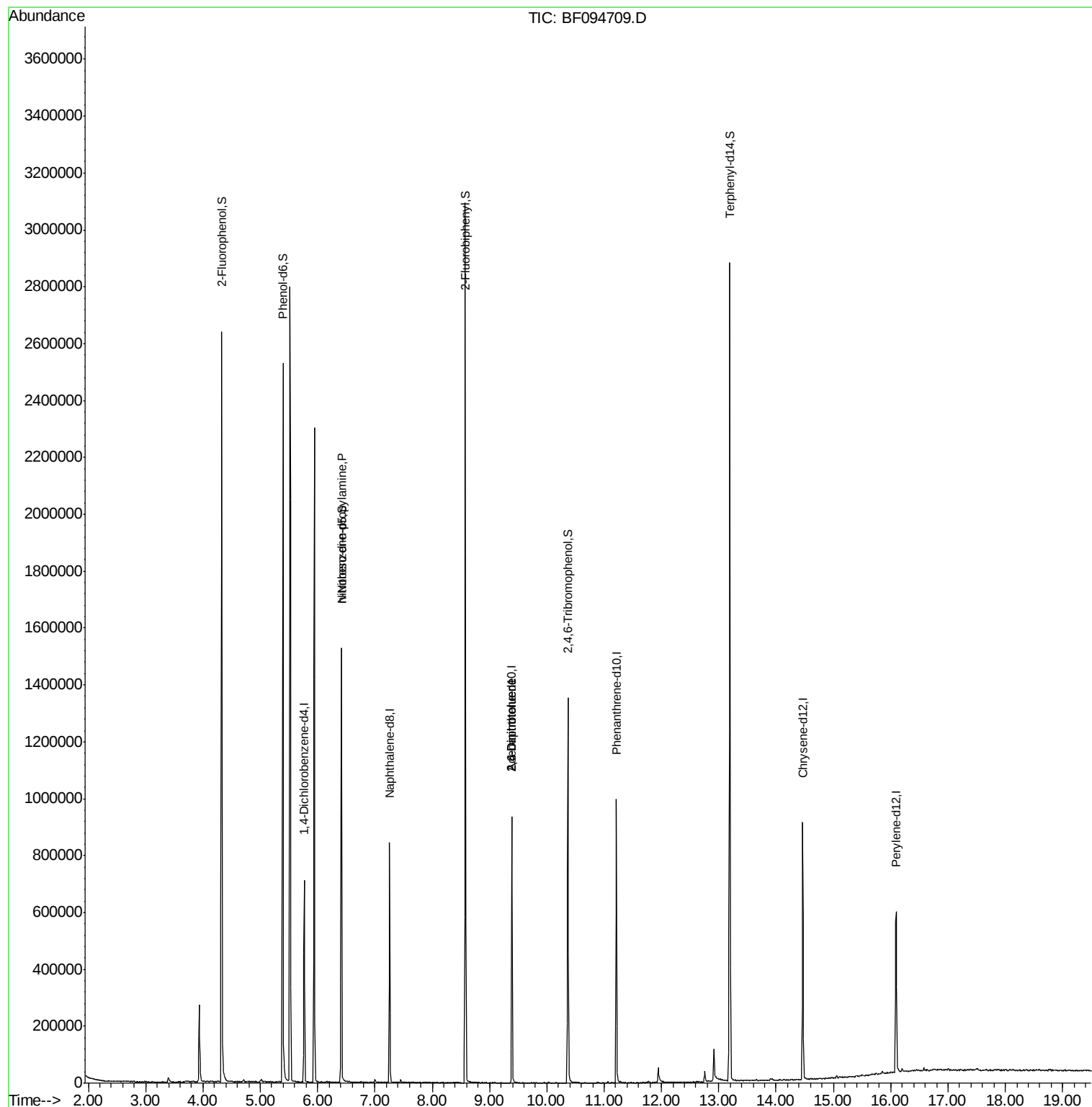
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	106327	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	430393	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	207762	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	398290	20.00	ng	0.00
75) Chrysene-d12	14.47	240	341534	20.00	ng	0.00
86) Perylene-d12	16.09	264	236485	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	788473	123.03	ng	0.02
7) Phenol-d6	5.40	99	961953	127.32	ng	0.00
23) Nitrobenzene-d5	6.42	82	578123	82.94	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	183916	113.17	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1134845	80.37	ng	0.00
78) Terphenyl-d14	13.20	244	1122947	87.88	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.41	70	76614	15.30	ng	# 77
50) 2,6-Dinitrotoluene	9.39	165	26990	7.77	ng	# 33
56) 2,4-Dinitrotoluene	9.39	165	26989	6.33	ng	# 33

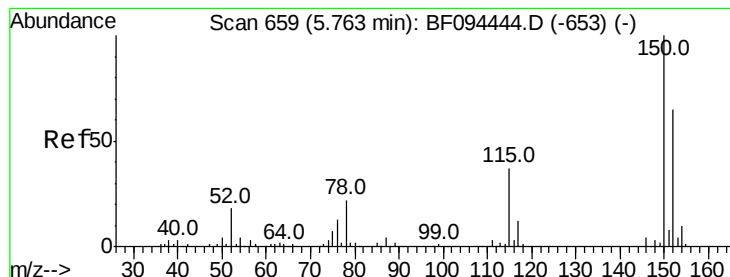
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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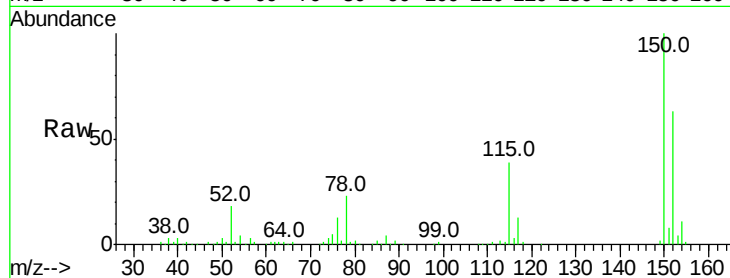


#1

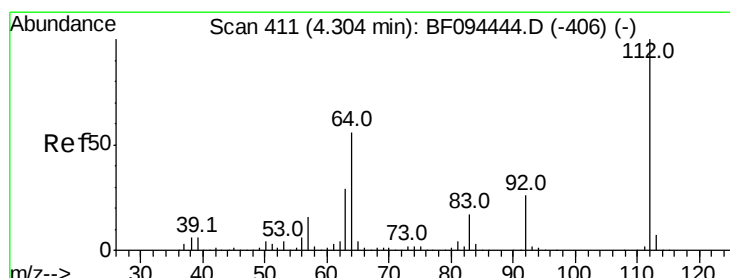
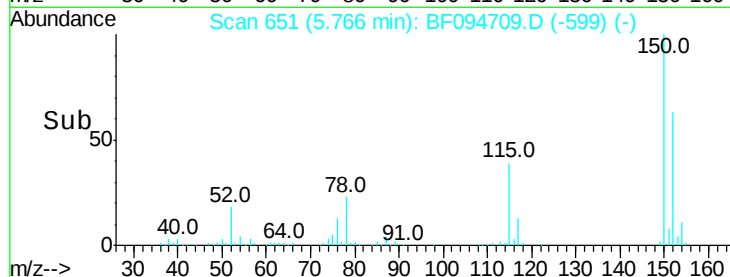
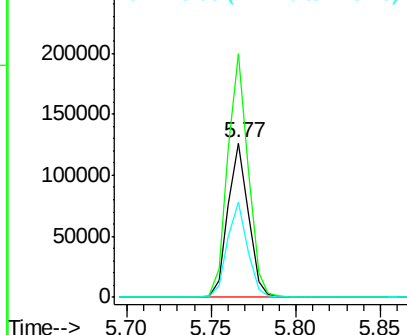
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094709.D
Acq: 30 Apr 2017 12:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 106327
Ion Ratio Lower Upper
152 100
150 157.7 126.2 189.2
115 61.4 52.2 78.2



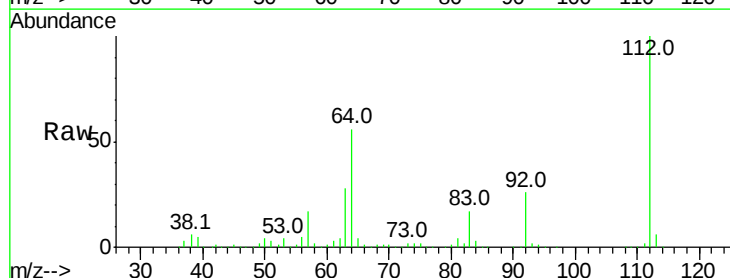
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



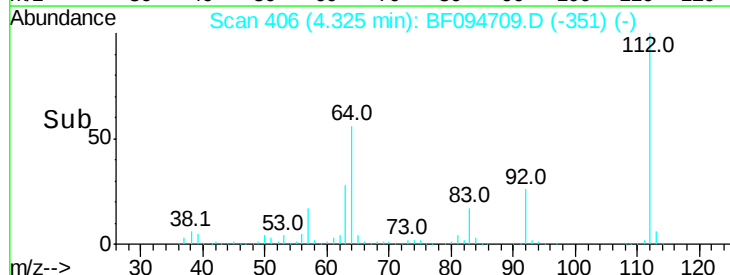
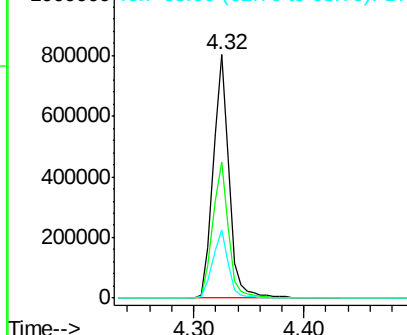
#5

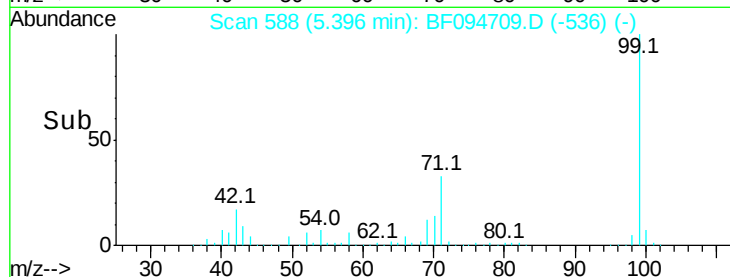
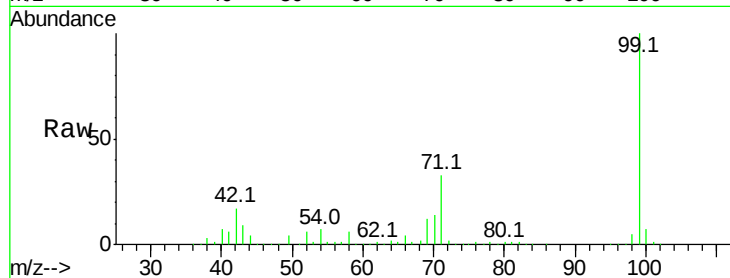
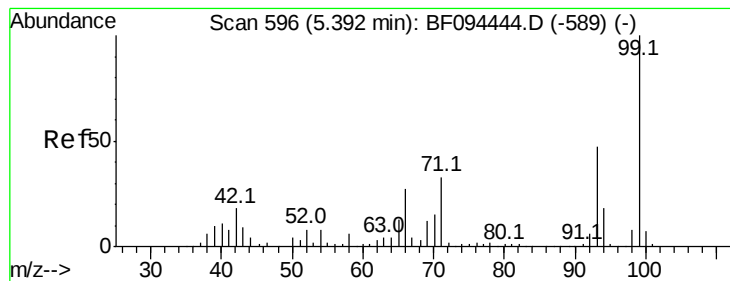
2-Fluorophenol
Concen: 123.03 ng
RT: 4.32 min Scan# 406
Delta R.T. 0.02 min
Lab File: BF094709.D
Acq: 30 Apr 2017 12:49

Tgt Ion:112 Resp: 788473
Ion Ratio Lower Upper
112 100
64 55.9 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: 127.32 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF094709.D

Acq: 30 Apr 2017 12:49

Instrument :

BNA_F

ClientSampleId :

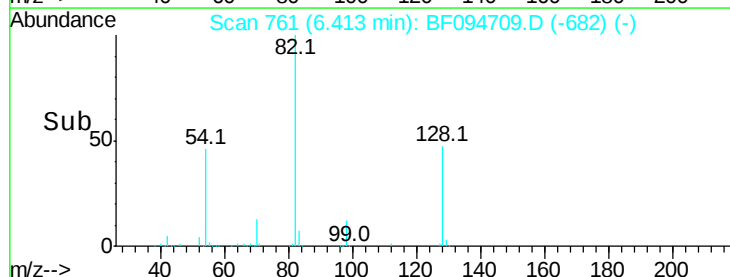
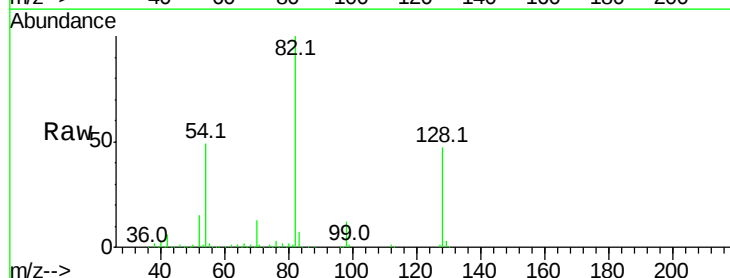
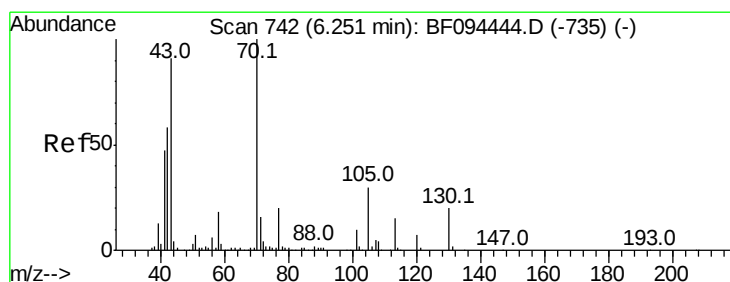
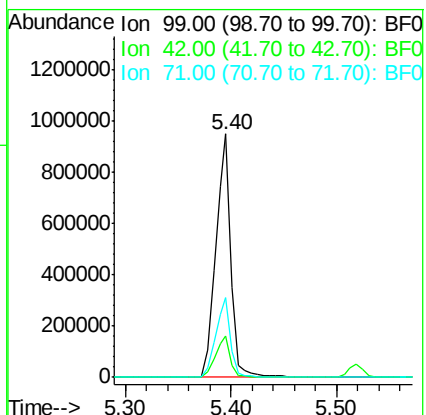
Tot Ion: 99 Resp: 961953

Ion Ratio Lower Upper

99 100

42 17.1 13.5 20.3

71 33.0 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 15.30 ng

RT: 6.41 min Scan# 761

Delta R.T. 0.16 min

Lab File: BF094709.D

Acq: 30 Apr 2017 12:49

Tgt Ion: 70 Resp: 76614

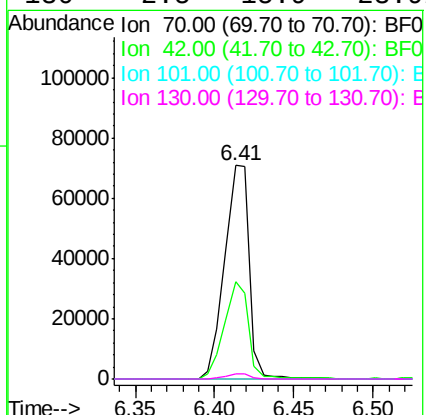
Ion Ratio Lower Upper

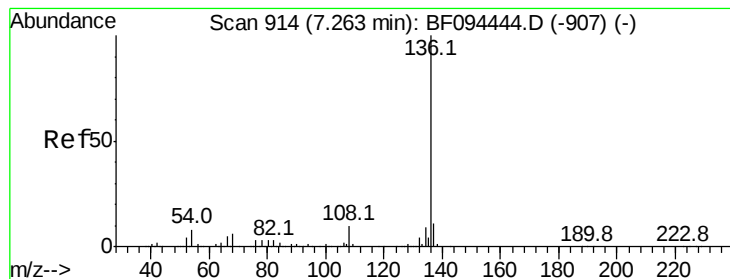
70 100

42 45.7 47.2 70.8#

101 0.0 7.2 10.8#

130 2.5 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF094709.D

Acq: 30 Apr 2017 12:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 430393

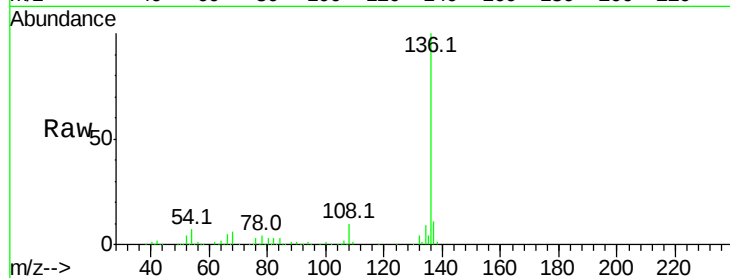
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.3 4.9 7.3

68 5.9 4.1 6.1

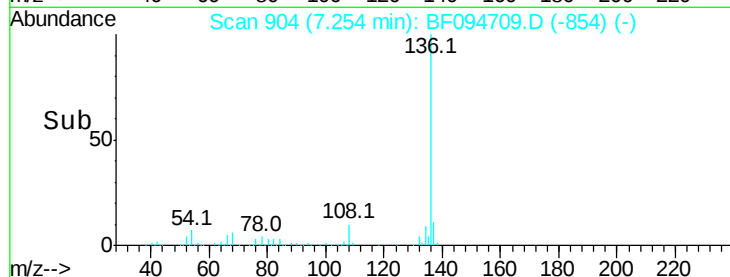


Abundance Ion 136.00 (135.70 to 136.70): E

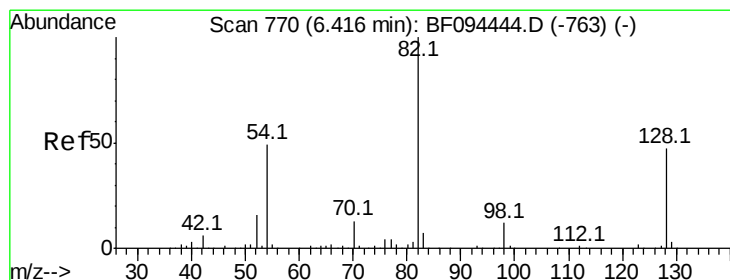
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 82.94 ng

RT: 6.42 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF094709.D

Acq: 30 Apr 2017 12:49

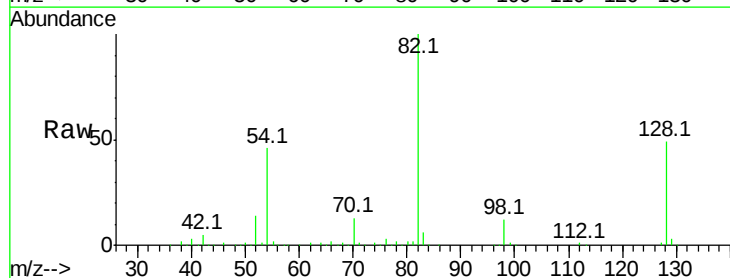
Tgt Ion: 82 Resp: 578123

Ion Ratio Lower Upper

82 100

128 49.5 34.0 51.0

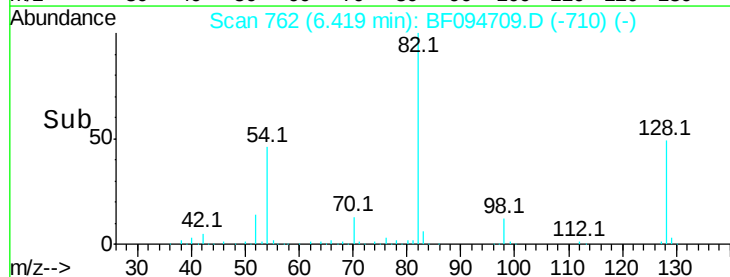
54 45.6 42.2 63.2



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



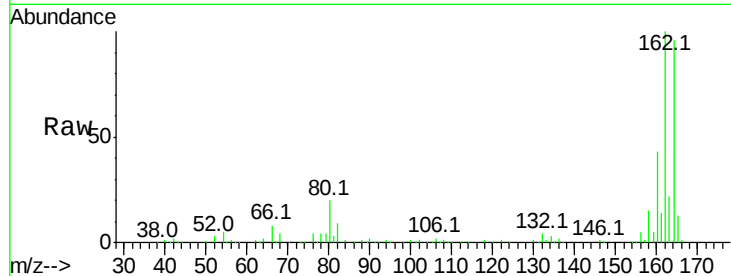
Time-->



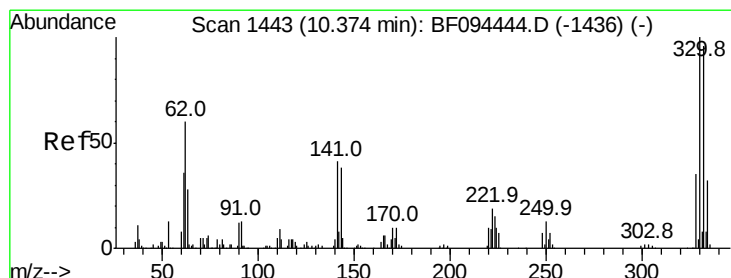
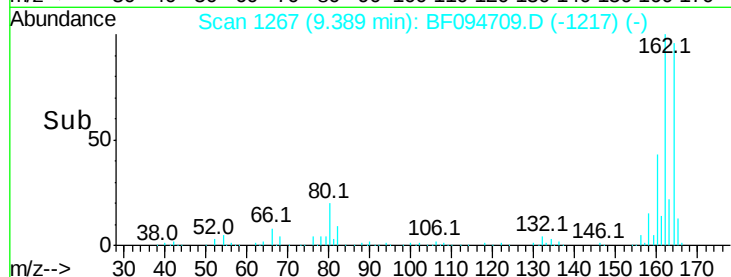
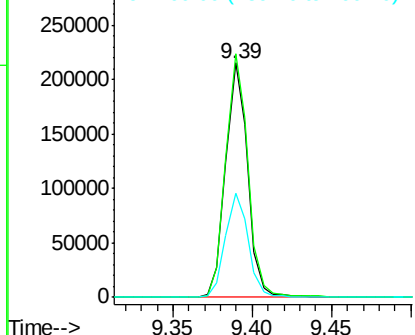
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF094709.D
 Acq: 30 Apr 2017 12:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 207762
 Ion Ratio Lower Upper
 164 100
 162 103.9 82.6 123.8
 160 44.5 36.2 54.2

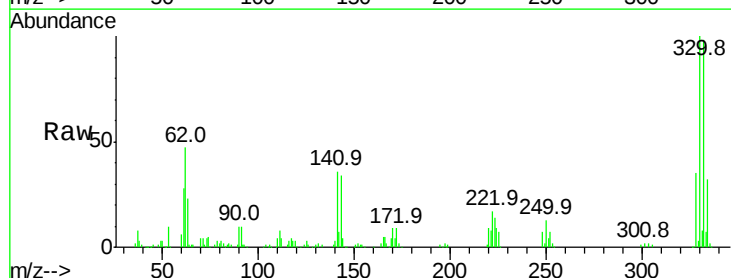


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

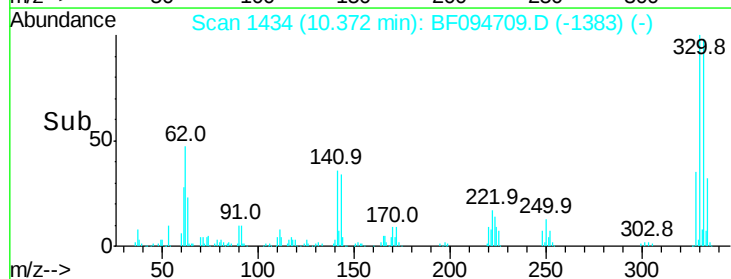
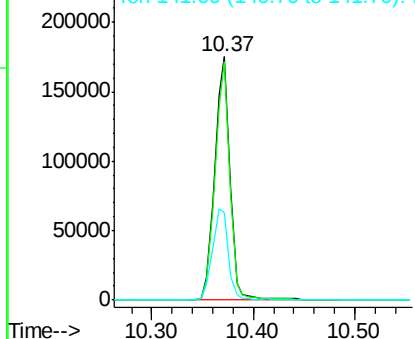


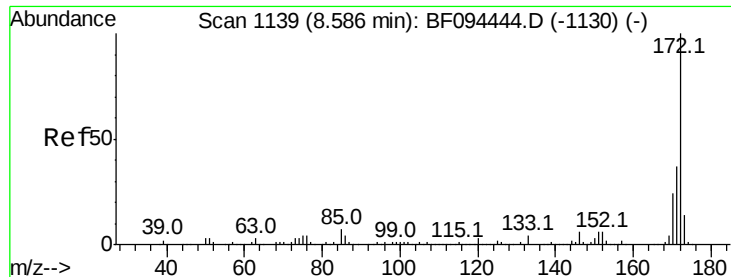
#41
 2,4,6-Tribromophenol
 Concen: 113.17 ng
 RT: 10.37 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF094709.D
 Acq: 30 Apr 2017 12:49

Tgt Ion:330 Resp: 183916
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.6 115.0
 141 39.3 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

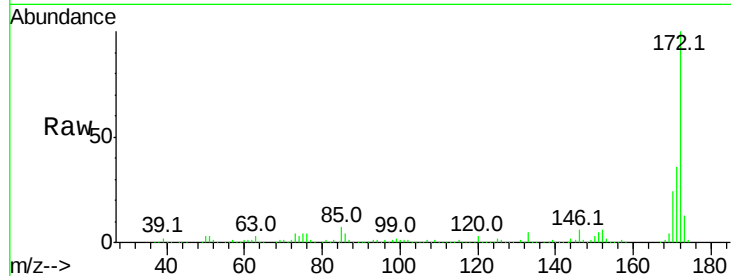




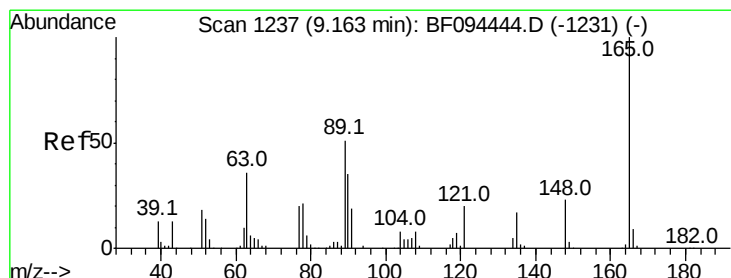
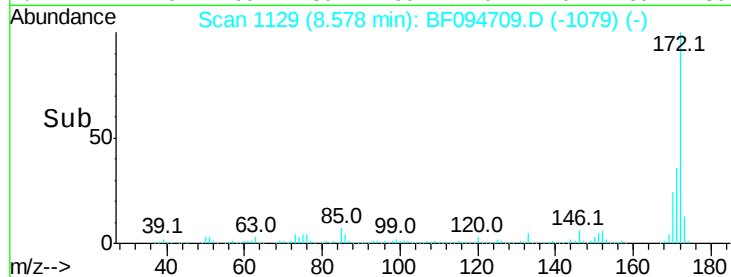
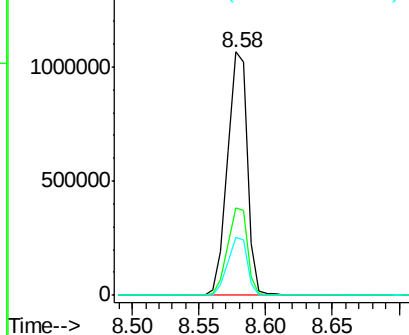
#44
 2-Fluorobiphenyl
 Concen: 80.37 ng
 RT: 8.58 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF094709.D
 Acq: 30 Apr 2017 12:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1134845
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 23.8 19.8 29.8

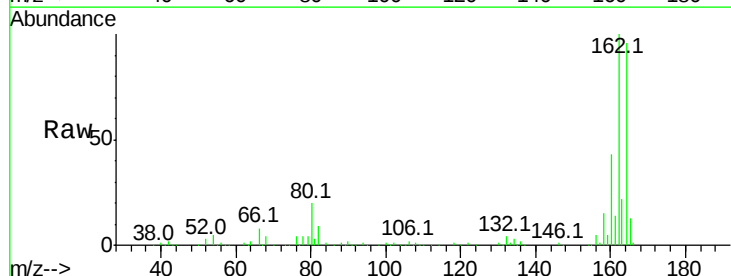


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

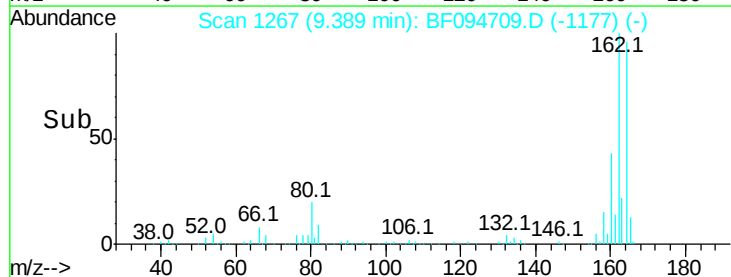
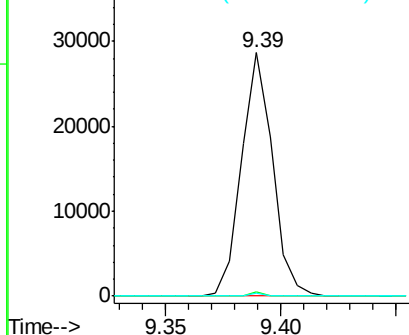


#50
 2,6-Dinitrotoluene
 Concen: 7.77 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. 0.23 min
 Lab File: BF094709.D
 Acq: 30 Apr 2017 12:49

Tgt Ion:165 Resp: 26990
 Ion Ratio Lower Upper
 165 100
 63 1.5 34.3 51.5#
 89 1.1 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

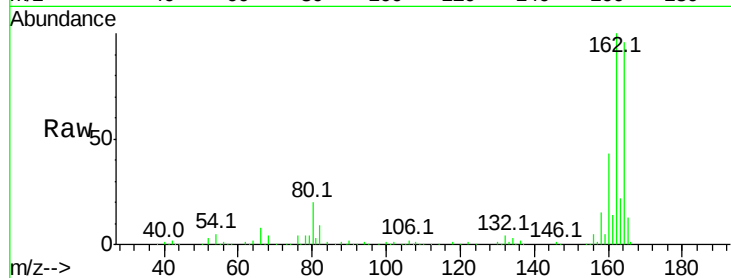




#56
 2,4-Dinitrotoluene
 Concen: 6.33 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.27 min
 Lab File: BF094709.D
 Acq: 30 Apr 2017 12:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	25.4	38.0#
89	1.1	46.4	69.6#
182	0.0	1.8	2.6#

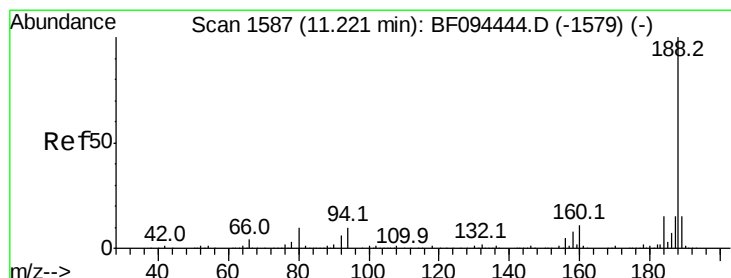
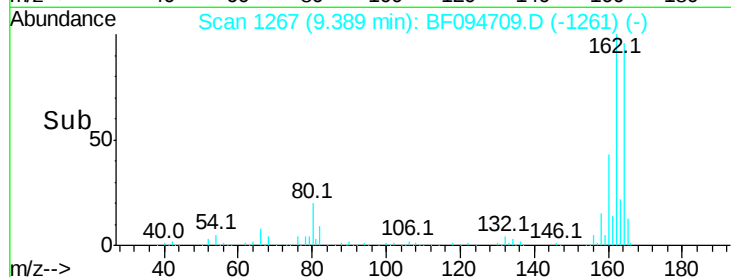
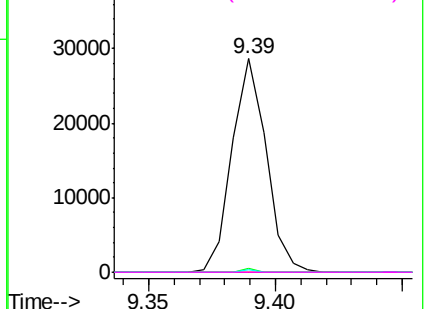


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

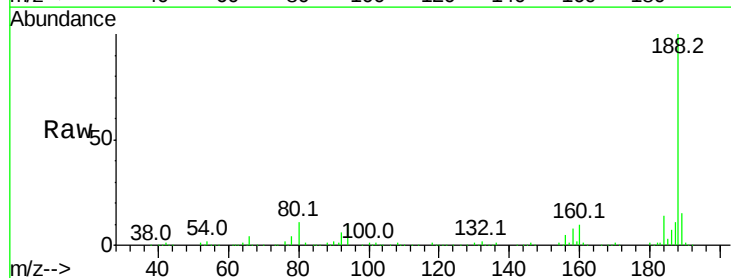
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF094709.D
 Acq: 30 Apr 2017 12:49

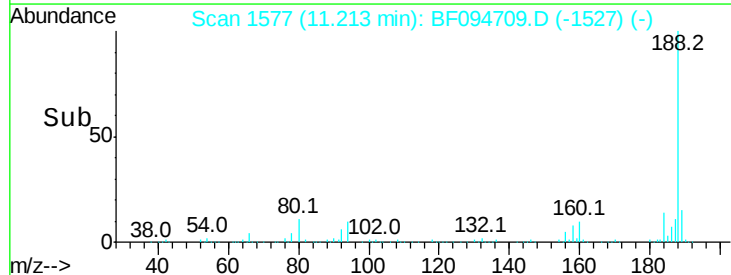
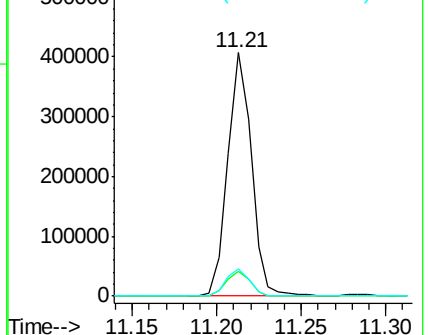
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	9.4	14.2
80	11.1	10.2	15.2

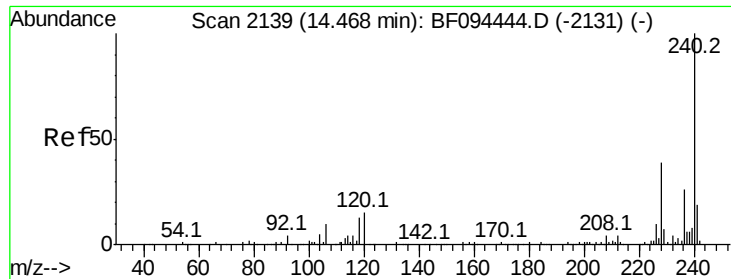


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF094709.D

Acq: 30 Apr 2017 12:49

Instrument :

BNA_F

ClientSampleId :

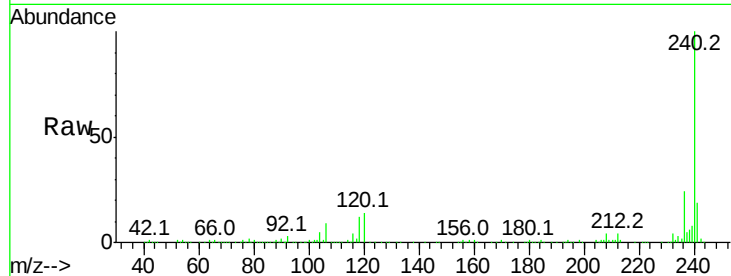
Tot Ion:240 Resp: 341534

Ion Ratio Lower Upper

240 100

120 14.0 5.8 8.8#

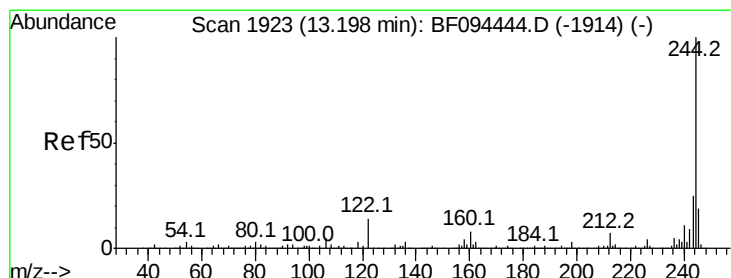
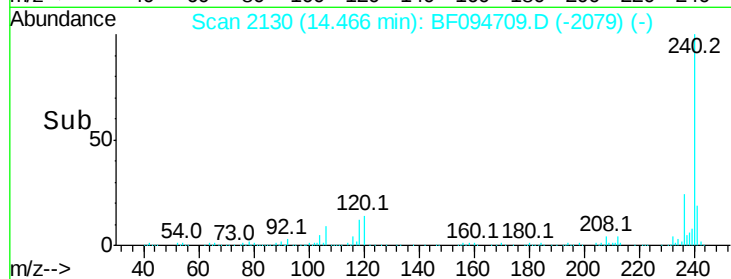
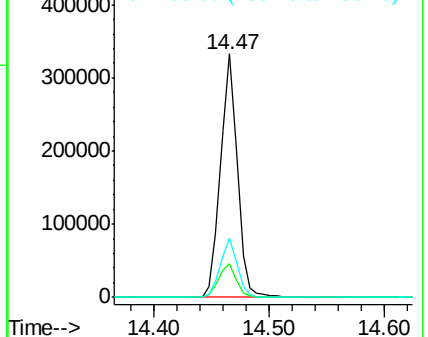
236 24.4 20.5 30.7



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: 87.88 ng

RT: 13.20 min Scan# 1914

Delta R.T. -0.00 min

Lab File: BF094709.D

Acq: 30 Apr 2017 12:49

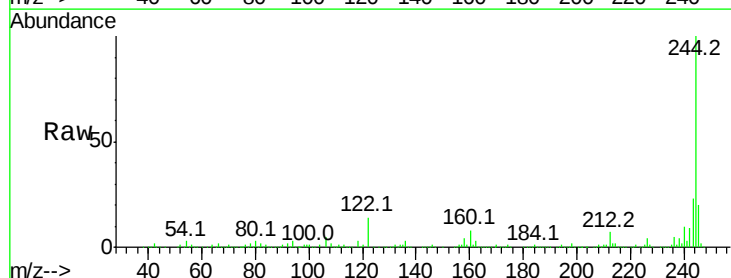
Tgt Ion:244 Resp: 1122947

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

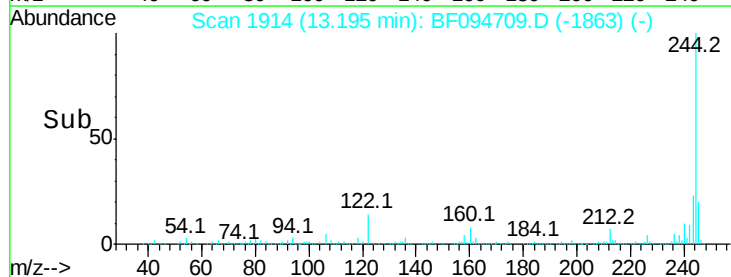
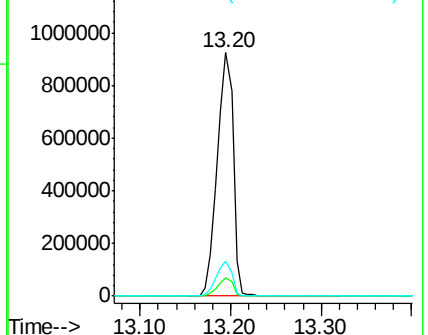
122 14.4 10.3 15.5

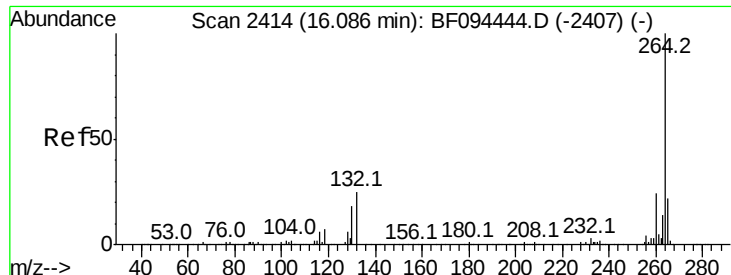


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

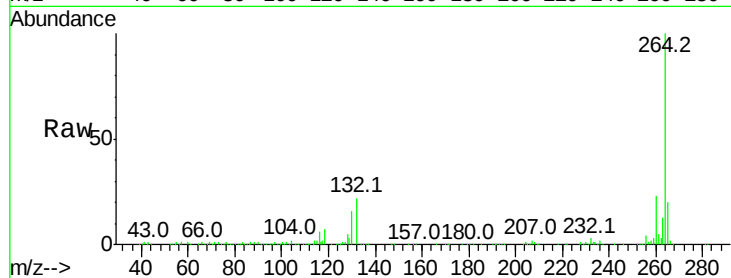




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2407
 Delta R.T. 0.01 min
 Lab File: BF094709.D
 Acq: 30 Apr 2017 12:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 236485
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.5 29.3
 265 20.4 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

