

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
 Data File : BF094774.D
 Acq On : 2 May 2017 3:14
 Operator : SJ/MA
 Sample : I2925-05
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 02 04:55:00 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

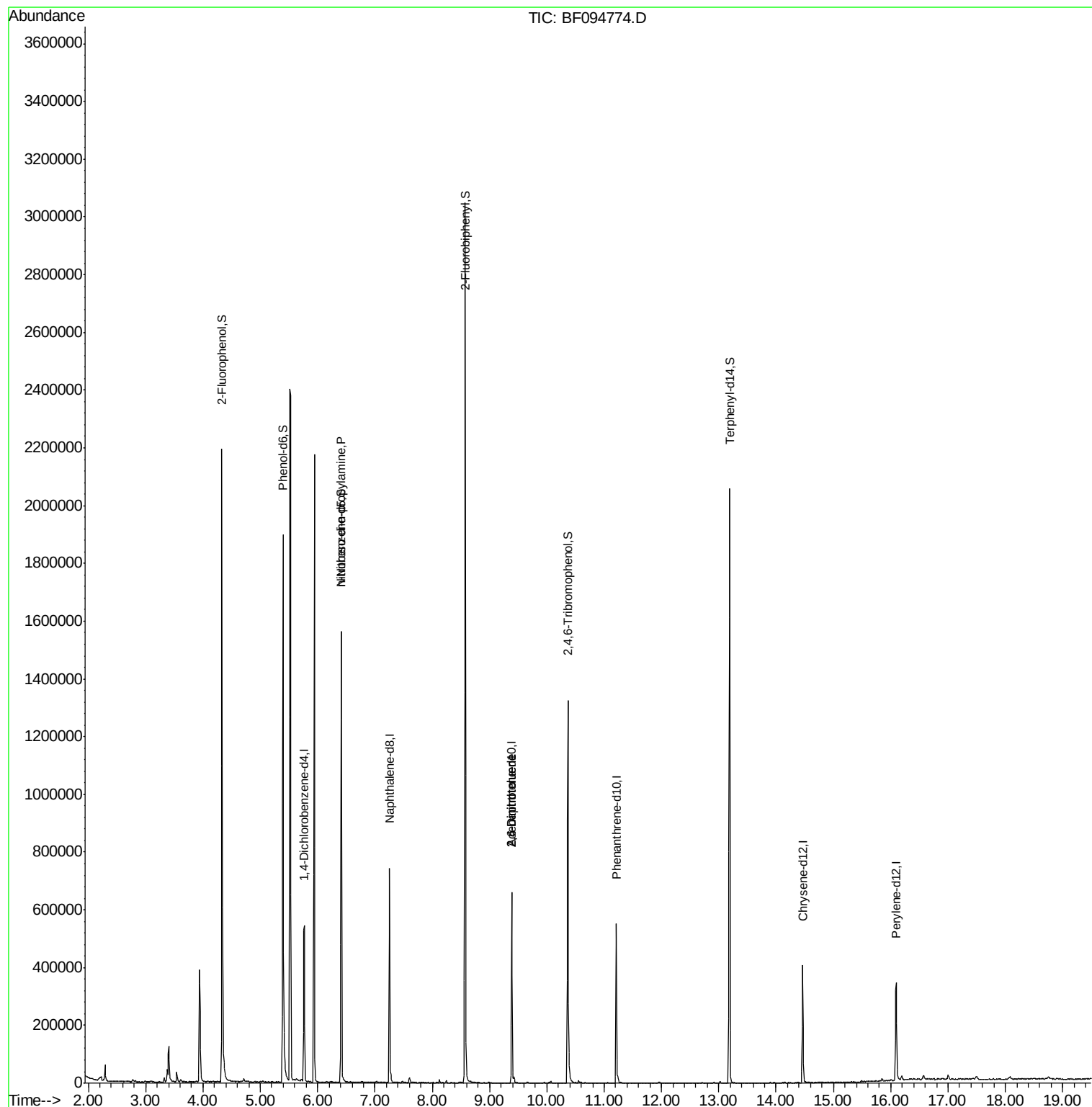
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	93150	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	358728	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	157637	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	244206	20.00	ng	0.00
75) Chrysene-d12	14.46	240	180945	20.00	ng	0.00
86) Perylene-d12	16.09	264	151819	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	731544	130.29	ng	0.03
7) Phenol-d6	5.40	99	798011	120.56	ng	0.00
23) Nitrobenzene-d5	6.41	82	580719	99.96	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	176627	143.25	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1091274	101.86	ng	0.00
78) Terphenyl-d14	13.19	244	727541	107.47	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.41	70	75235	17.15	ng	# 76
50) 2,6-Dinitrotoluene	9.39	165	19677	7.46	ng	# 31
56) 2,4-Dinitrotoluene	9.39	165	19676	6.08	ng	# 31

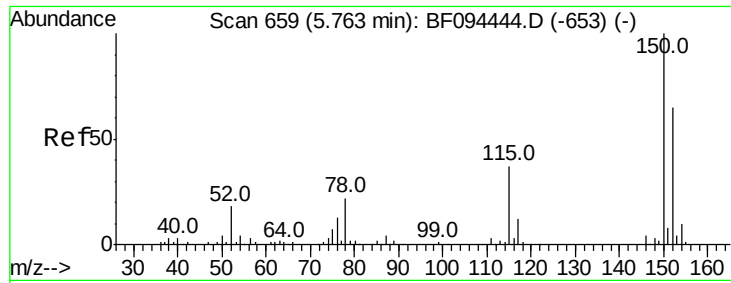
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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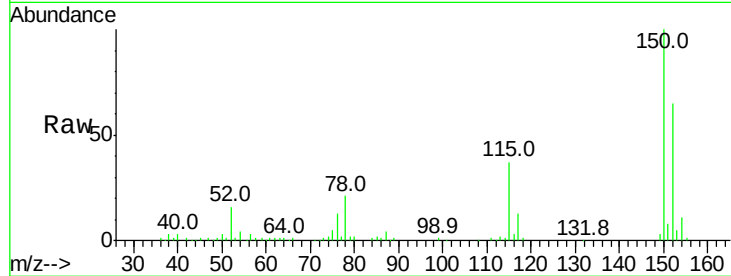


#1

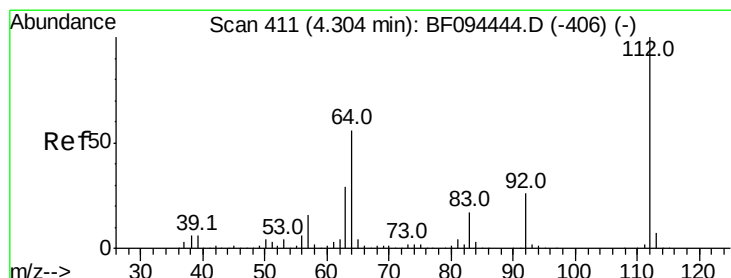
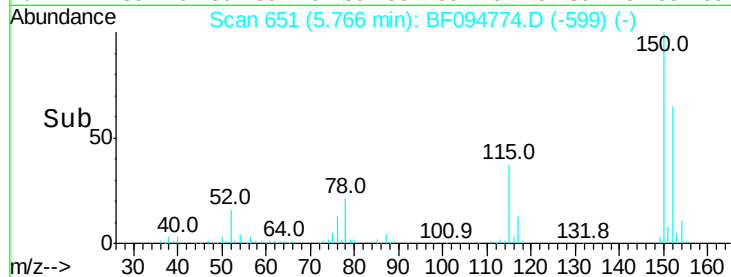
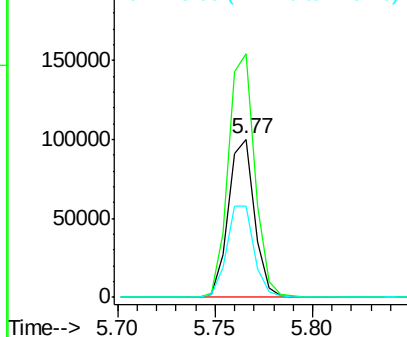
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094774.D
Acq: 2 May 2017 3:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 93150
Ion Ratio Lower Upper
152 100
150 154.0 126.2 189.2
115 57.7 52.2 78.2



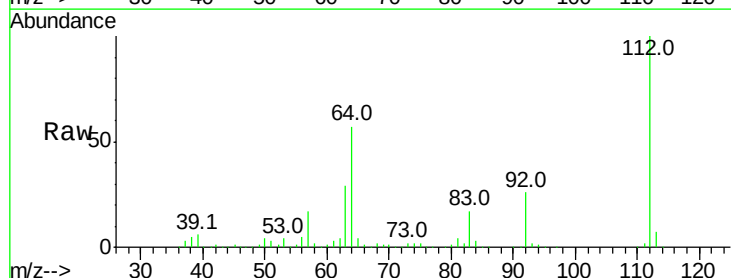
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



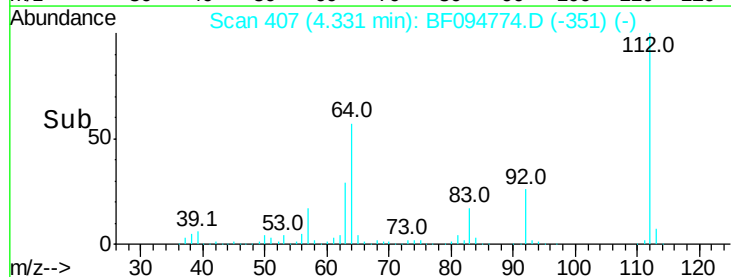
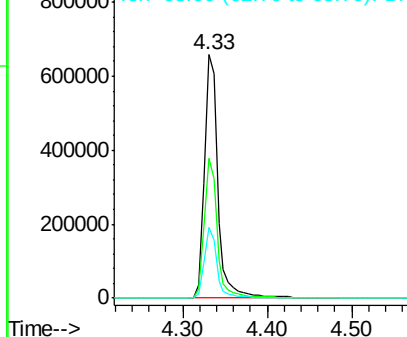
#5

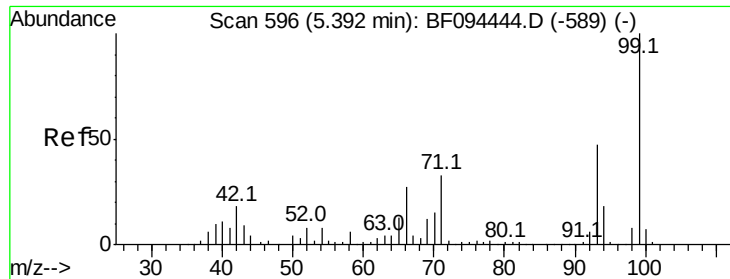
2-Fluorophenol
Concen: 130.29 ng
RT: 4.33 min Scan# 407
Delta R.T. 0.03 min
Lab File: BF094774.D
Acq: 2 May 2017 3:14

Tgt Ion:112 Resp: 731544
Ion Ratio Lower Upper
112 100
64 57.3 46.0 69.0
63 29.1 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: 120.56 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094774.D

Acq: 2 May 2017 3:14

Instrument :

BNA_F

ClientSampled :

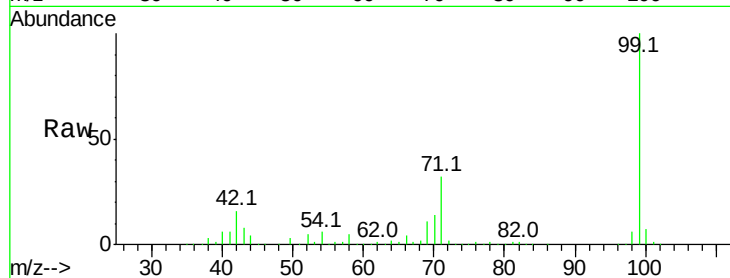
Tot Ion: 99 Resp: 798011

Ion Ratio Lower Upper

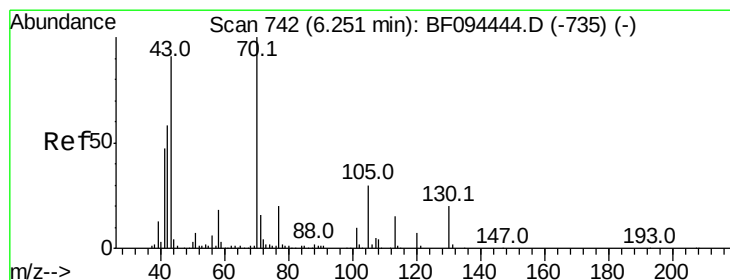
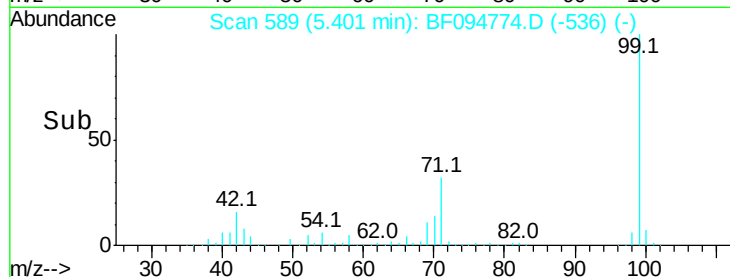
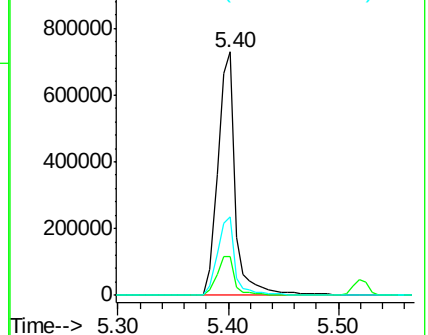
99 100

42 16.2 13.5 20.3

71 32.0 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: 17.15 ng

RT: 6.41 min Scan# 761

Delta R.T. 0.16 min

Lab File: BF094774.D

Acq: 2 May 2017 3:14

Tgt Ion: 70 Resp: 75235

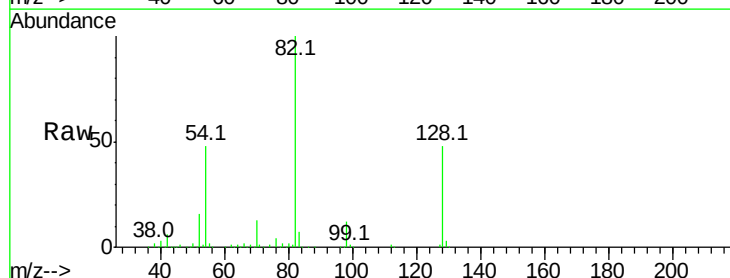
Ion Ratio Lower Upper

70 100

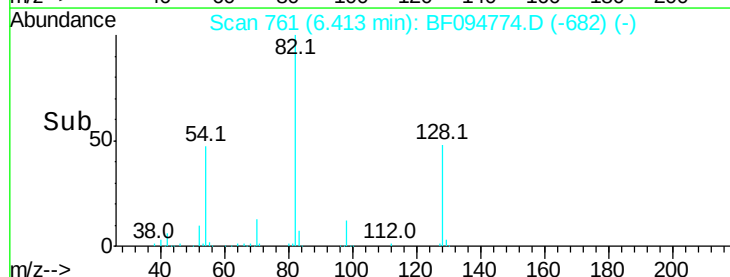
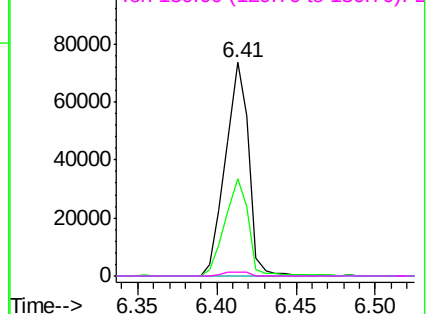
42 45.4 47.2 70.8#

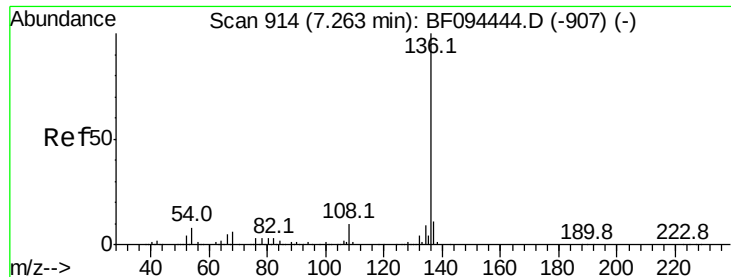
101 0.0 7.2 10.8#

130 2.0 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: 7.25 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF094774.D

Acq: 2 May 2017 3:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 358728

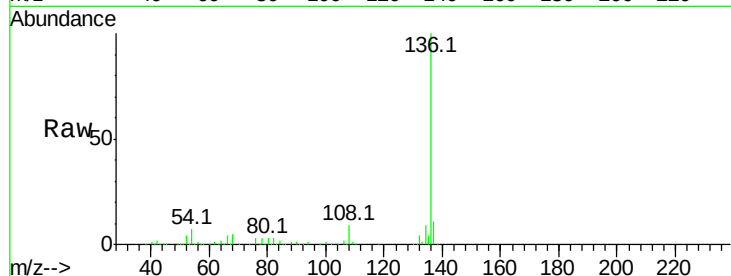
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.1 4.9 7.3

68 5.4 4.1 6.1

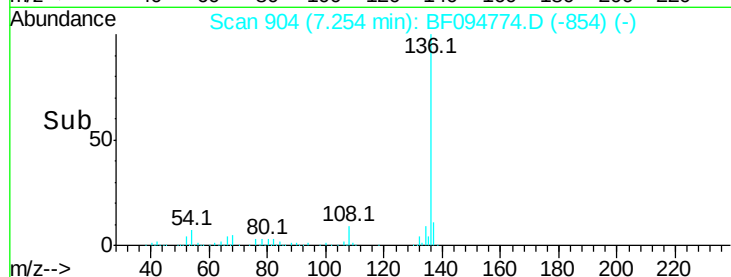


Abundance Ion 136.00 (135.70 to 136.70): E

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



Abundance

7.25

400000

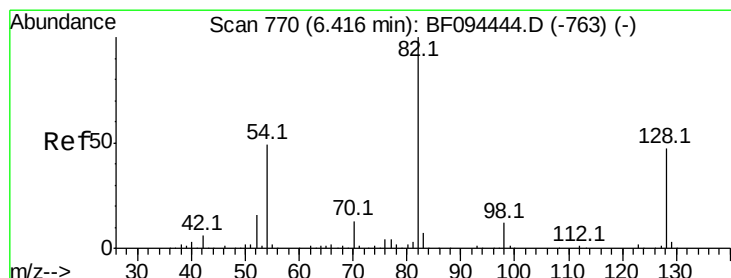
300000

200000

100000

0

Time-->



#23

Nitrobenzene-d5

Concen: 99.96 ng

RT: 6.41 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF094774.D

Acq: 2 May 2017 3:14

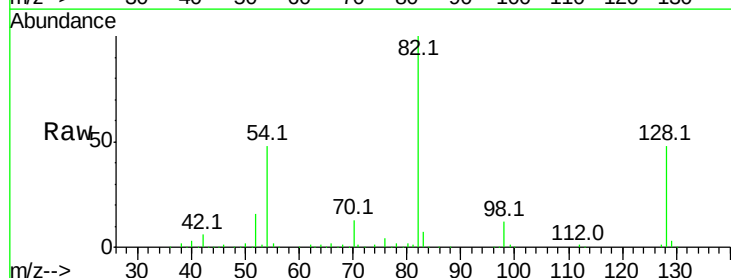
Tgt Ion: 82 Resp: 580719

Ion Ratio Lower Upper

82 100

128 47.5 34.0 51.0

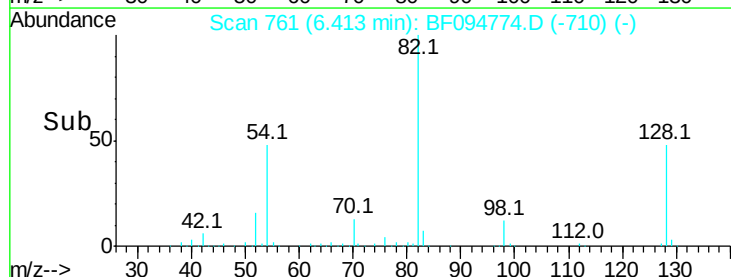
54 48.5 42.2 63.2



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



Abundance

6.41

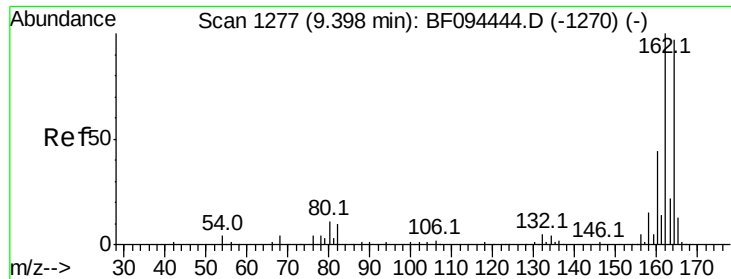
600000

400000

200000

0

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.39 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF094774.D

Acq: 2 May 2017 3:14

Instrument :

BNA_F

ClientSampleId :

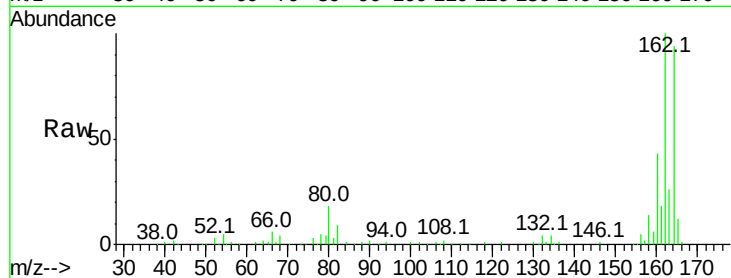
Tot Ion:164 Resp: 157637

Ion Ratio Lower Upper

164 100

162 106.9 82.6 123.8

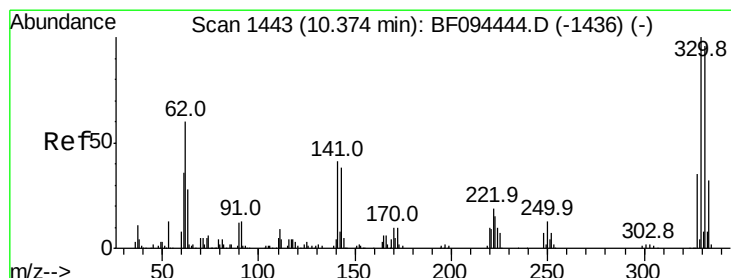
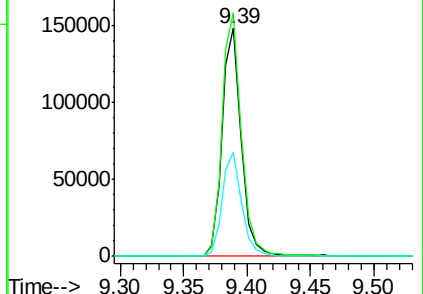
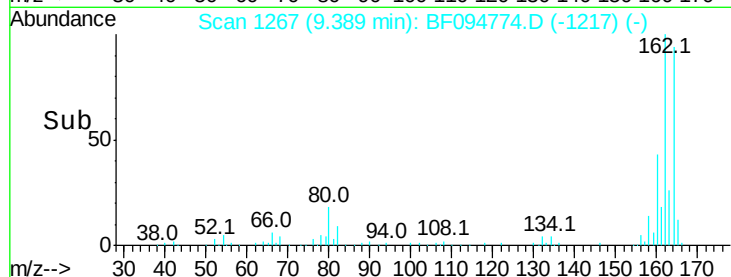
160 45.4 36.2 54.2



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: 143.25 ng

RT: 10.37 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF094774.D

Acq: 2 May 2017 3:14

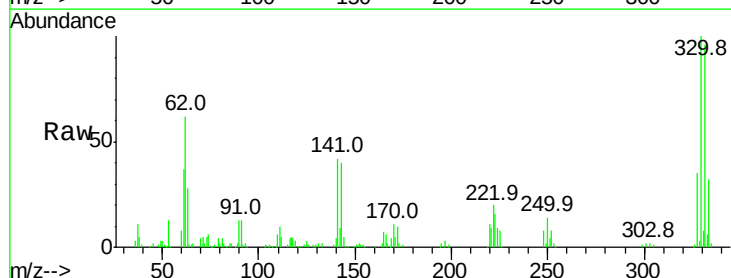
Tgt Ion:330 Resp: 176627

Ion Ratio Lower Upper

330 100

332 96.5 76.6 115.0

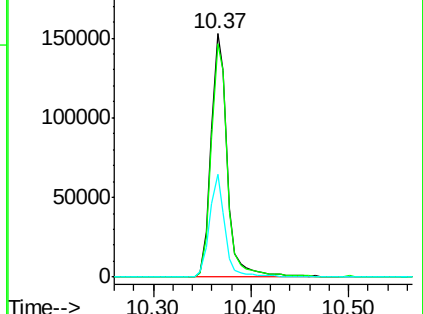
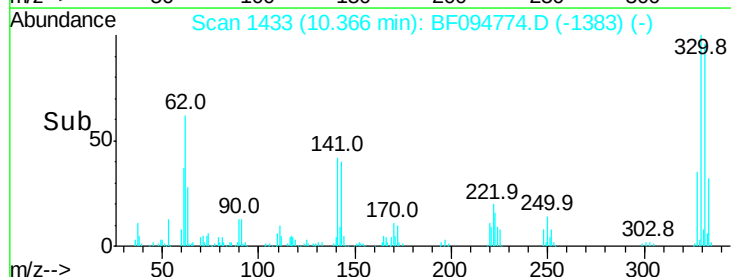
141 40.1 31.4 47.2

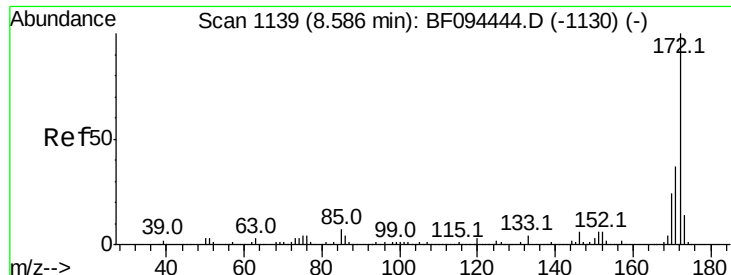


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

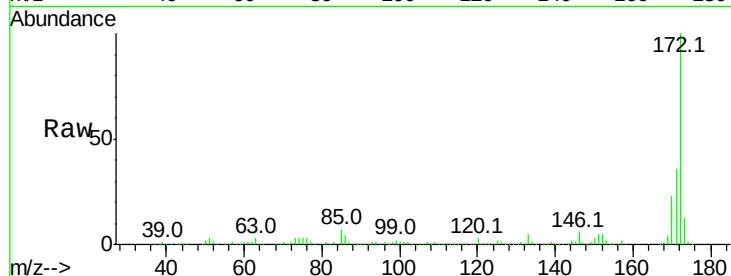




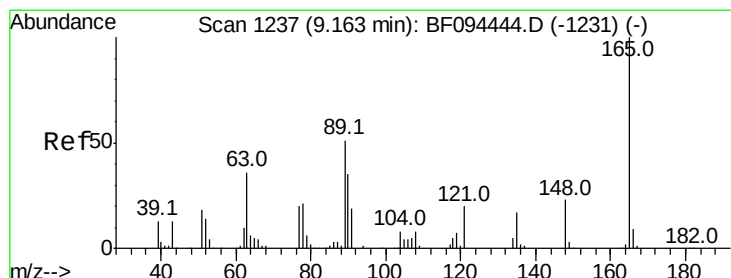
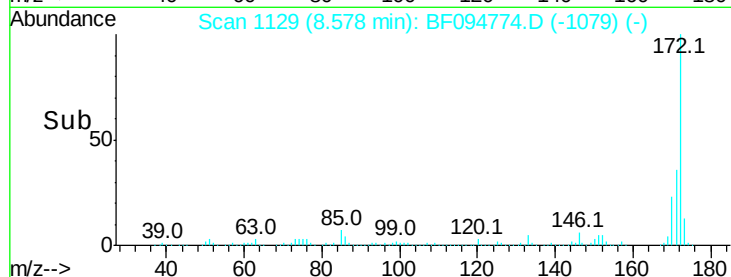
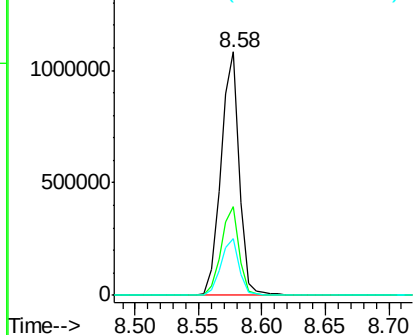
#44
 2-Fluorobiphenyl
 Concen: 101.86 ng
 RT: 8.58 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF094774.D
 Acq: 2 May 2017 3:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1091274
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 23.5 19.8 29.8

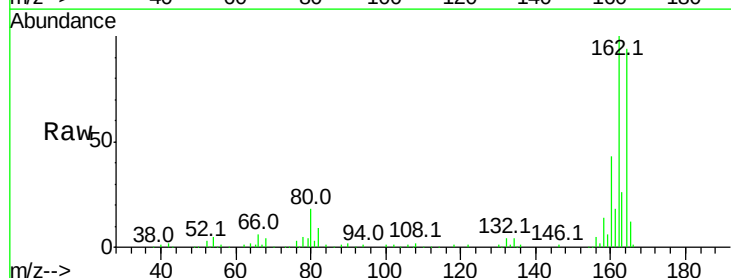


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

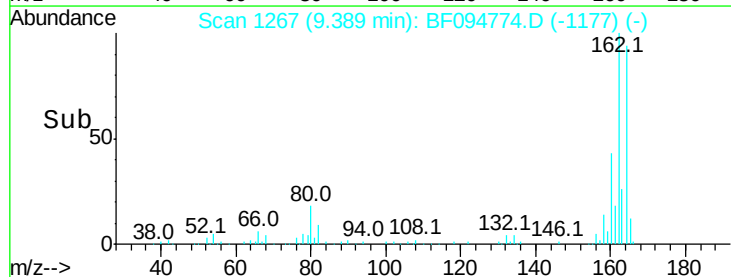
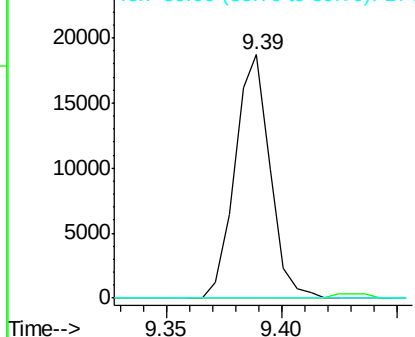


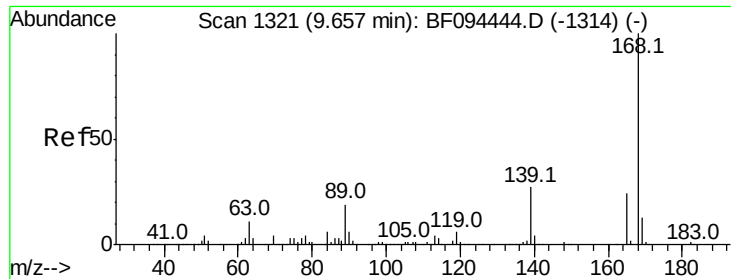
#50
 2,6-Dinitrotoluene
 Concen: 7.46 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. 0.23 min
 Lab File: BF094774.D
 Acq: 2 May 2017 3:14

Tgt Ion:165 Resp: 19677
 Ion Ratio Lower Upper
 165 100
 63 0.0 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: 6.08 ng

RT: 9.39 min Scan# 1267

Delta R.T. -0.27 min

Lab File: BF094774.D

Acq: 2 May 2017 3:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 19676

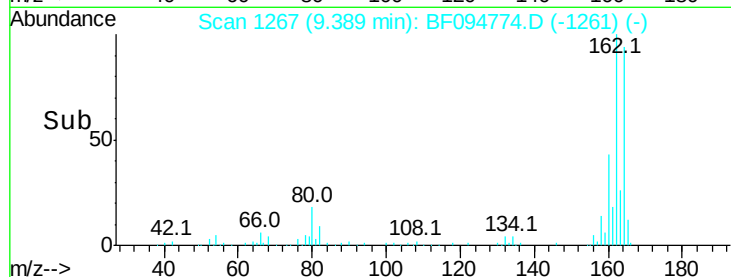
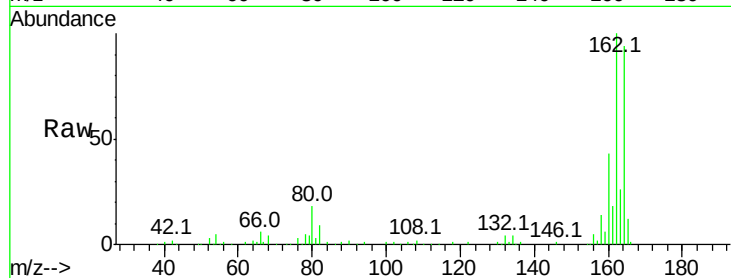
Ion Ratio Lower Upper

165 100

63 0.0 25.4 38.0#

89 0.0 46.4 69.6#

182 0.0 1.8 2.6#

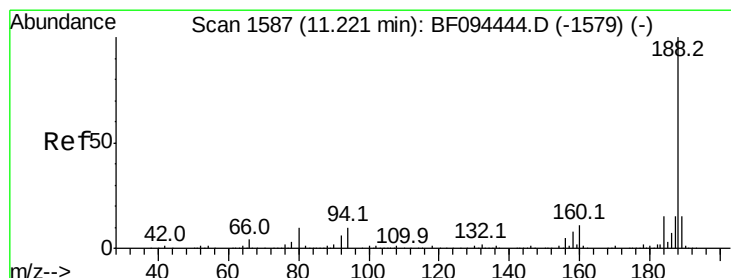
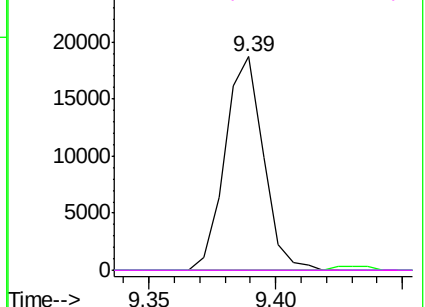


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.21 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF094774.D

Acq: 2 May 2017 3:14

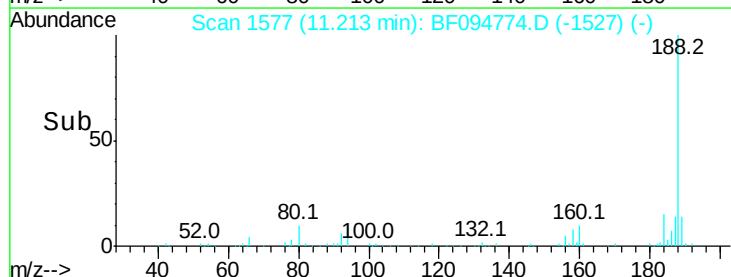
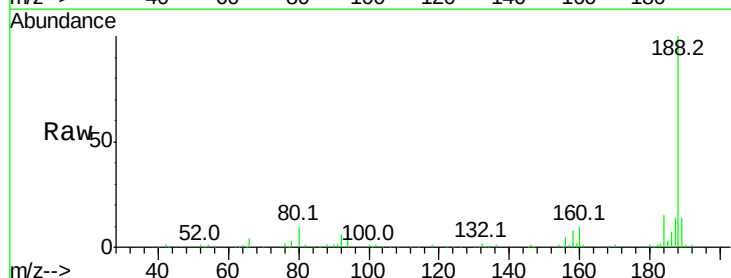
Tgt Ion:188 Resp: 244206

Ion Ratio Lower Upper

188 100

94 9.4 9.4 14.2#

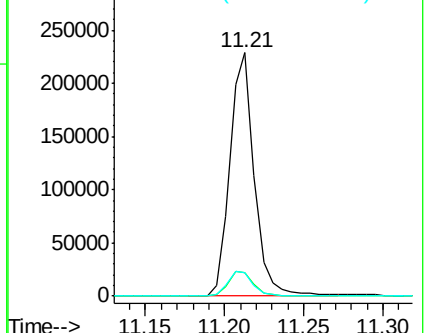
80 9.8 10.2 15.2#

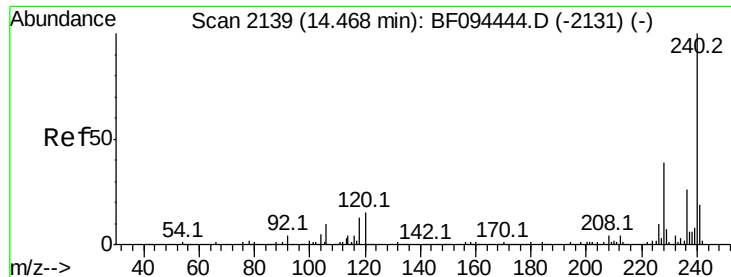


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.46 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BF094774.D

Acq: 2 May 2017 3:14

Instrument :

BNA_F

ClientSampleId :

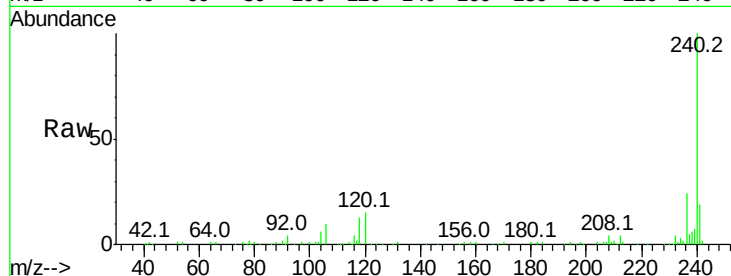
Tot Ion:240 Resp: 180945

Ion Ratio Lower Upper

240 100

120 14.6 5.8 8.8#

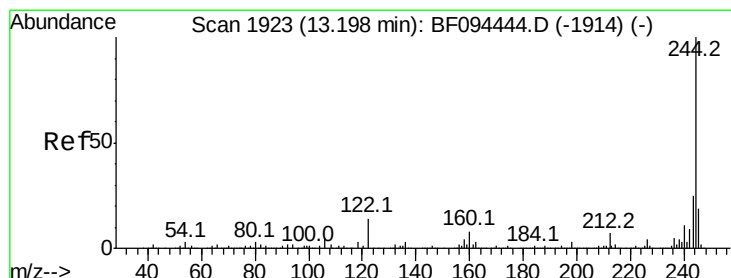
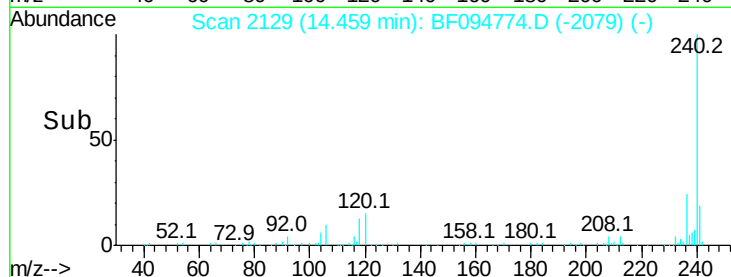
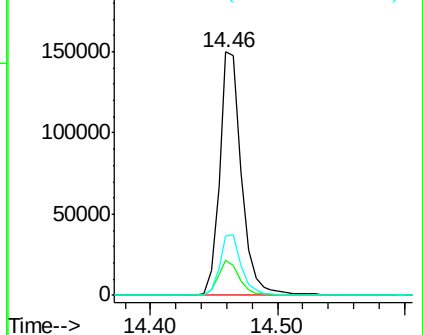
236 24.3 20.5 30.7



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: 107.47 ng

RT: 13.19 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BF094774.D

Acq: 2 May 2017 3:14

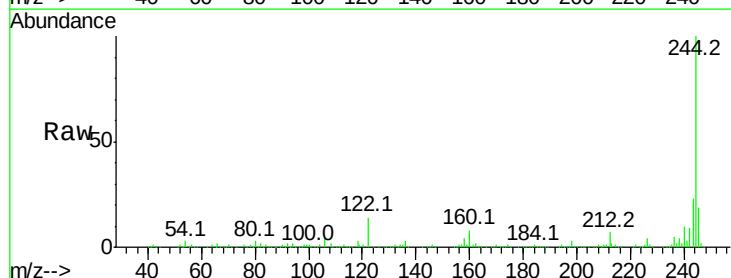
Tgt Ion:244 Resp: 727541

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

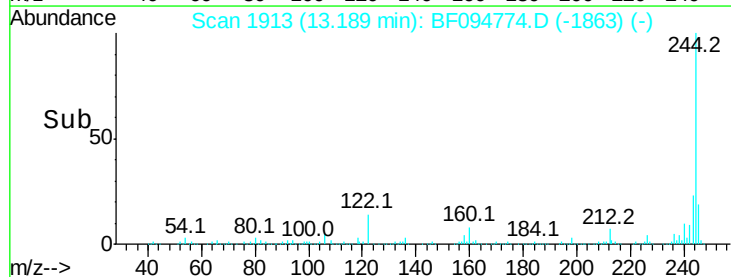
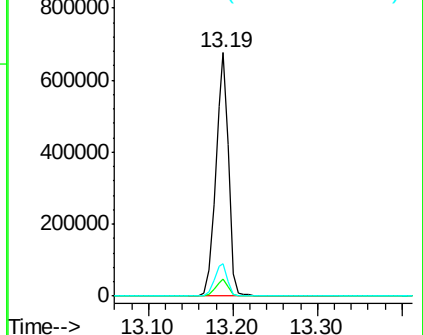
122 13.5 10.3 15.5

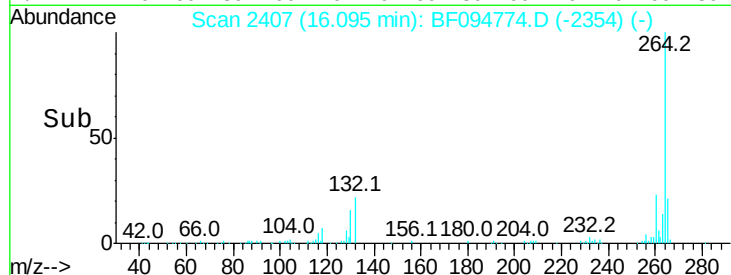
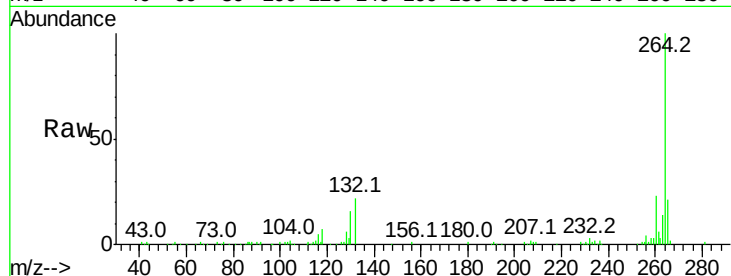
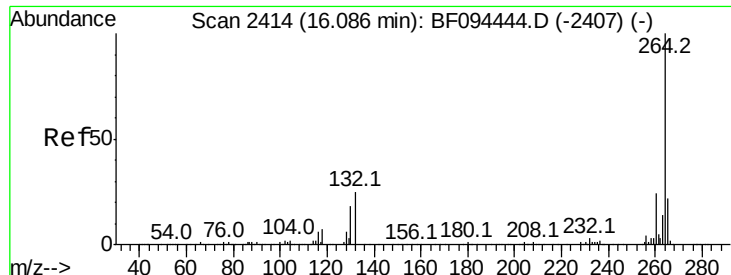


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF094774.D
Acq: 2 May 2017 3:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	151819
Ion Ratio	Lower	Upper	
264	100		
260	23.3	19.5	29.3
265	21.4	17.2	25.8

