

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
 Data File : BF094770.D
 Acq On : 2 May 2017 1:25
 Operator : SJ/MA
 Sample : I2920-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 02 04:54:09 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

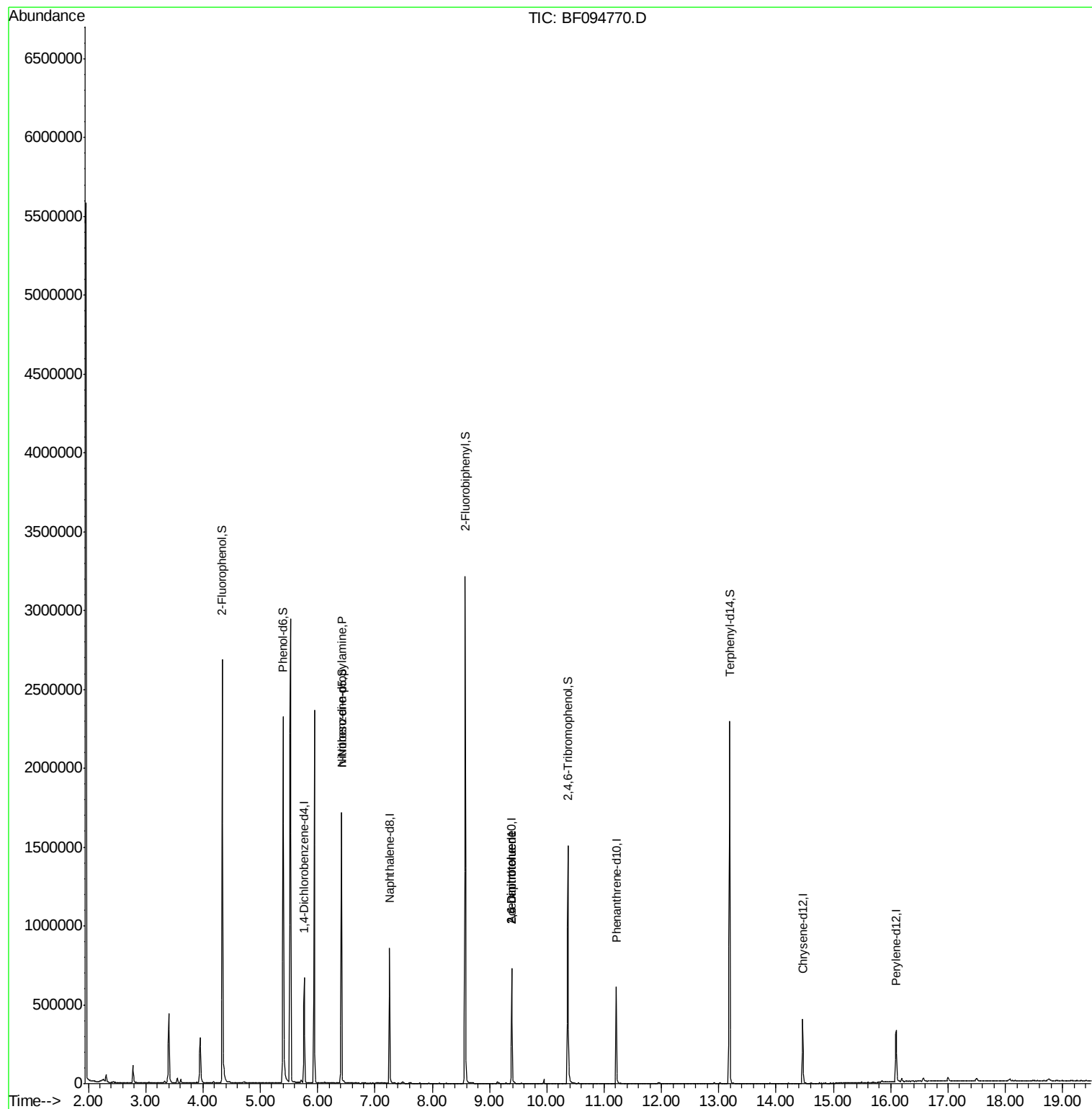
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	102618	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	413526	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	175014	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	271788	20.00	ng	0.00
75) Chrysene-d12	14.47	240	182824	20.00	ng	0.00
86) Perylene-d12	16.09	264	135658	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.34	112	841730	136.09	ng	0.03
7) Phenol-d6	5.40	99	970457	133.09	ng	0.00
23) Nitrobenzene-d5	6.42	82	626924	93.61	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	203401	148.58	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1164125	97.87	ng	0.00
78) Terphenyl-d14	13.19	244	850618	124.36	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.42	70	80757	16.71	ng	# 75
50) 2,6-Dinitrotoluene	9.39	165	21009	7.18	ng	# 31
56) 2,4-Dinitrotoluene	9.39	165	21015	5.85	ng	# 31

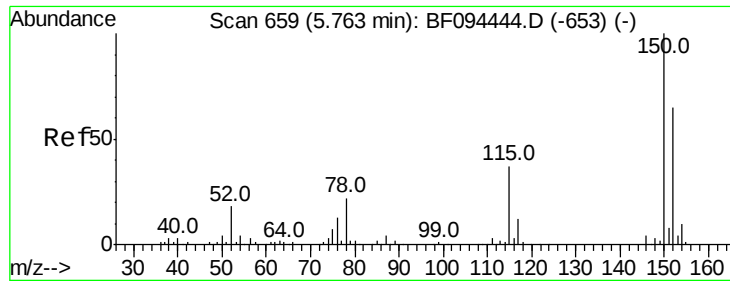
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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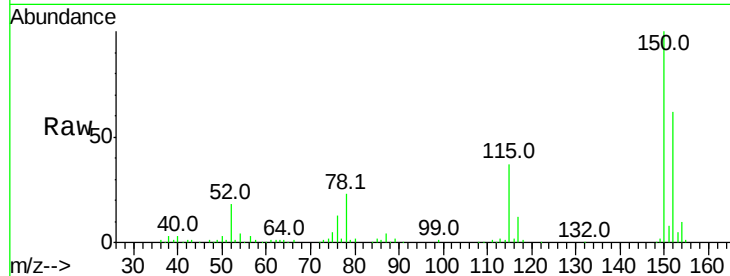


#1

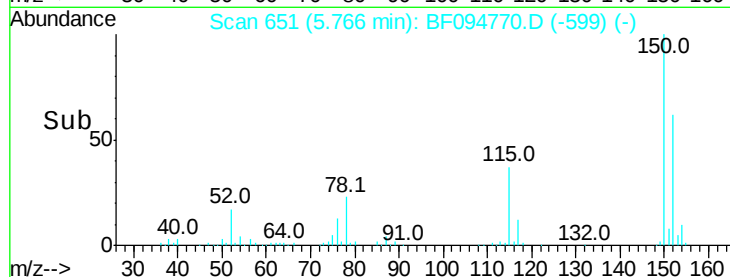
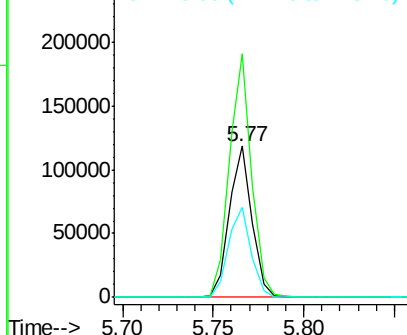
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094770.D
Acq: 2 May 2017 1:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 102618
Ion Ratio Lower Upper
152 100
150 161.4 126.2 189.2
115 59.9 52.2 78.2



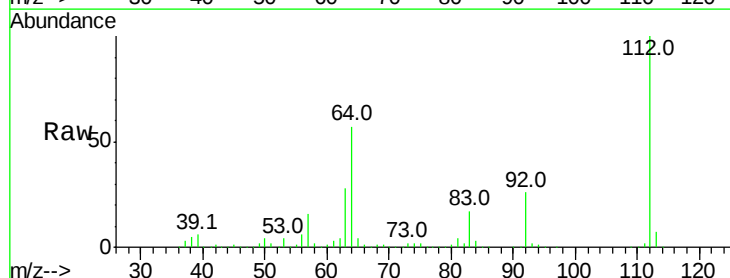
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



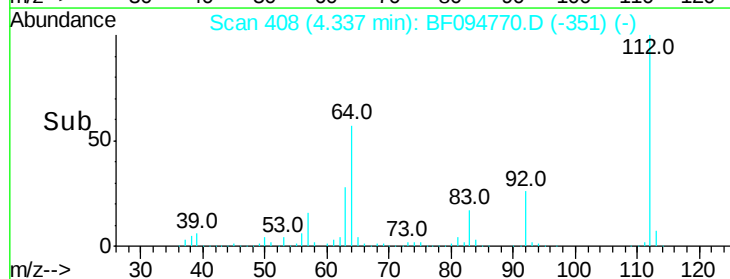
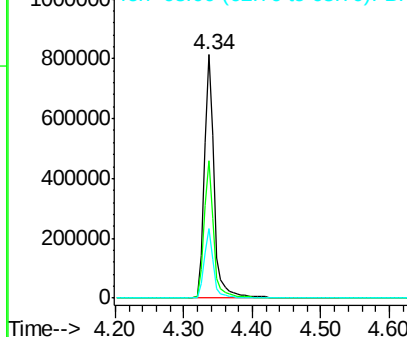
#5

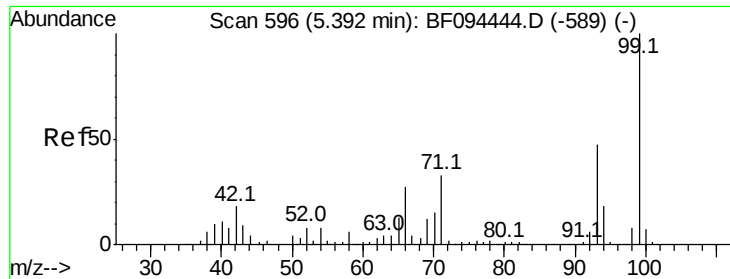
2-Fluorophenol
Concen: 136.09 ng
RT: 4.34 min Scan# 408
Delta R.T. 0.03 min
Lab File: BF094770.D
Acq: 2 May 2017 1:25

Tgt Ion:112 Resp: 841730
Ion Ratio Lower Upper
112 100
64 56.7 46.0 69.0
63 28.3 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: 133.09 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094770.D

Acq: 2 May 2017 1:25

Instrument :

BNA_F

ClientSampled :

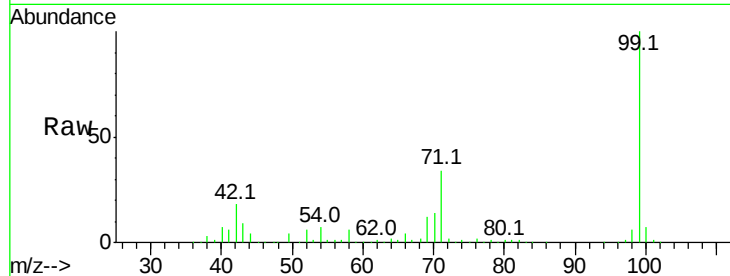
Tot Ion: 99 Resp: 970457

Ion Ratio Lower Upper

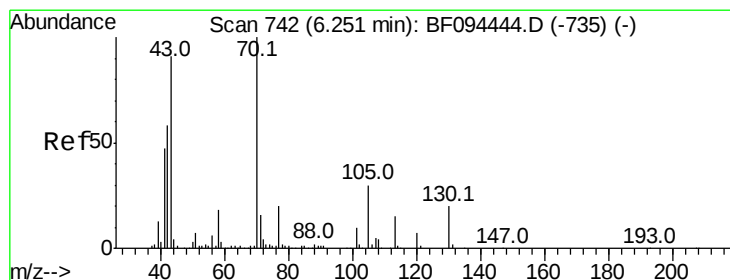
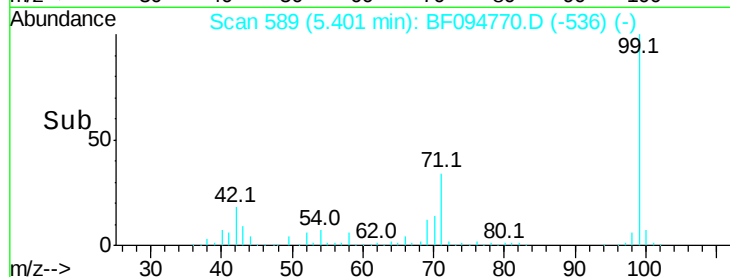
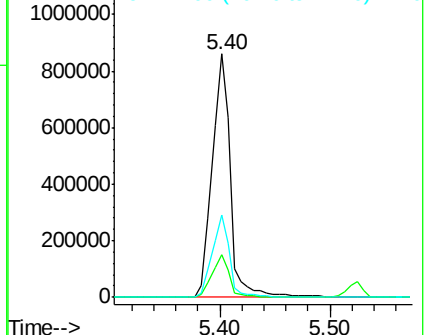
99 100

42 17.5 13.5 20.3

71 33.8 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: 16.71 ng

RT: 6.42 min Scan# 762

Delta R.T. 0.17 min

Lab File: BF094770.D

Acq: 2 May 2017 1:25

Tgt Ion: 70 Resp: 80757

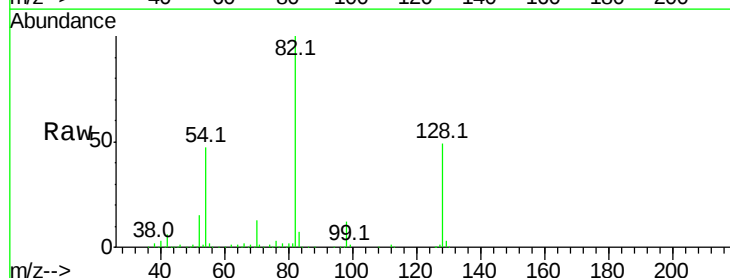
Ion Ratio Lower Upper

70 100

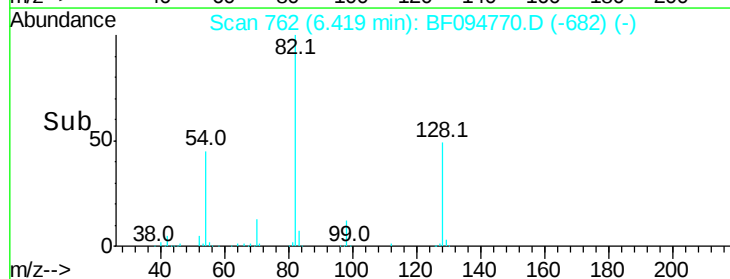
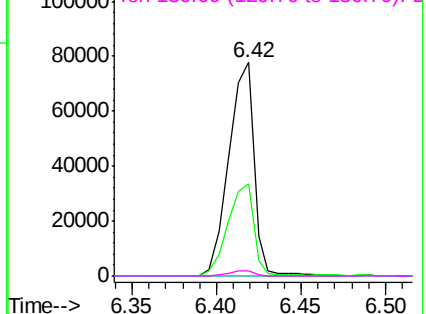
42 43.3 47.2 70.8#

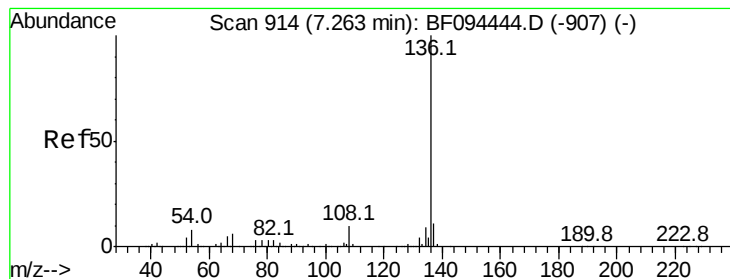
101 0.0 7.2 10.8#

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): 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: BF094770.D

Acq: 2 May 2017 1:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 413526

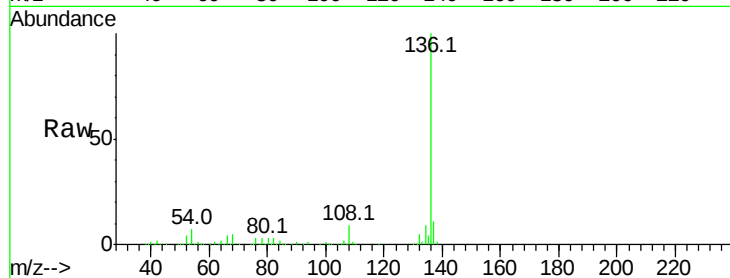
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.8 4.9 7.3

68 5.0 4.1 6.1

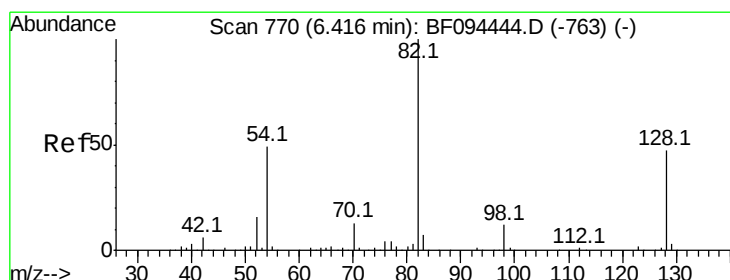
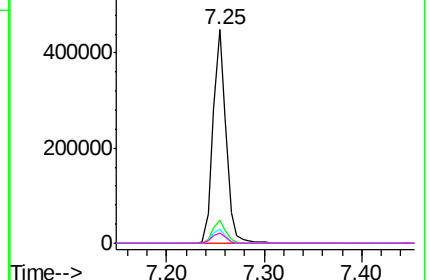
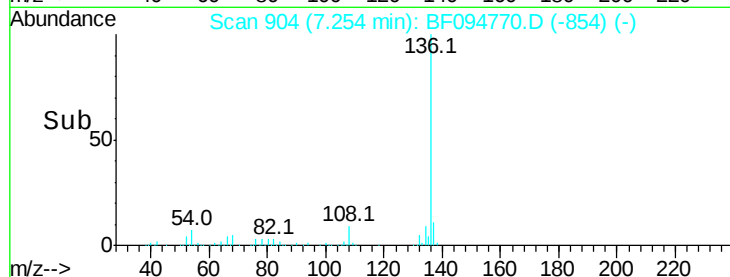


Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.61 ng

RT: 6.42 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF094770.D

Acq: 2 May 2017 1:25

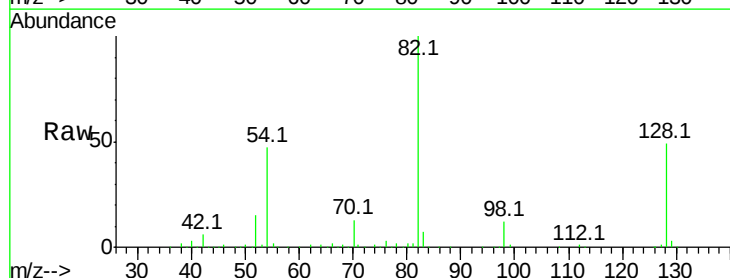
Tgt Ion: 82 Resp: 626924

Ion Ratio Lower Upper

82 100

128 49.2 34.0 51.0

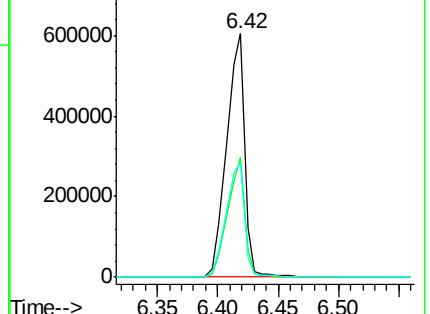
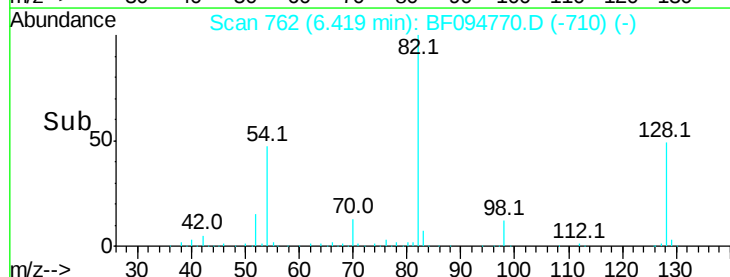
54 47.2 42.2 63.2



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

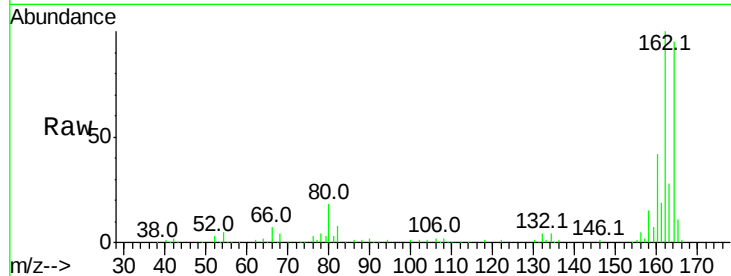




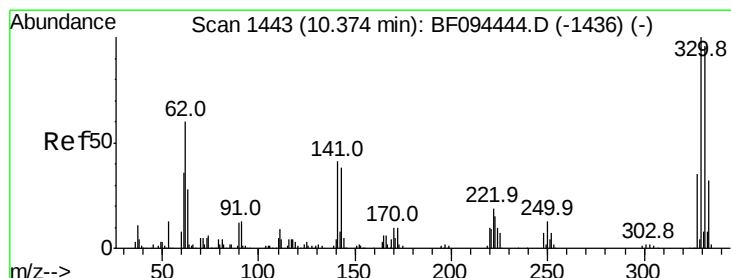
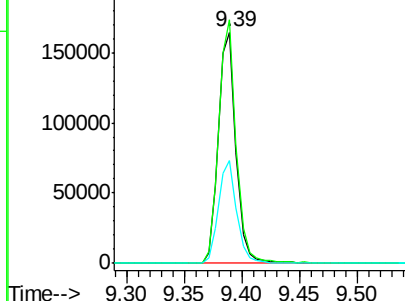
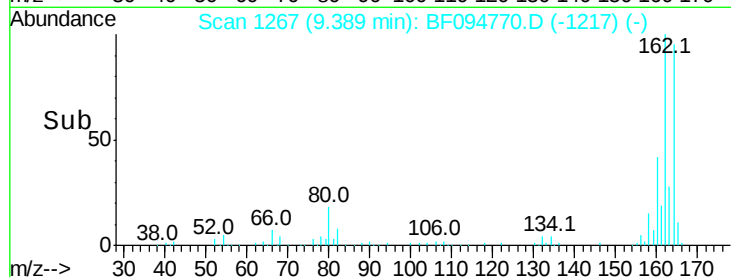
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.39 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF094770.D
Acq: 2 May 2017 1:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 175014
Ion Ratio Lower Upper
164 100
162 105.2 82.6 123.8
160 44.3 36.2 54.2

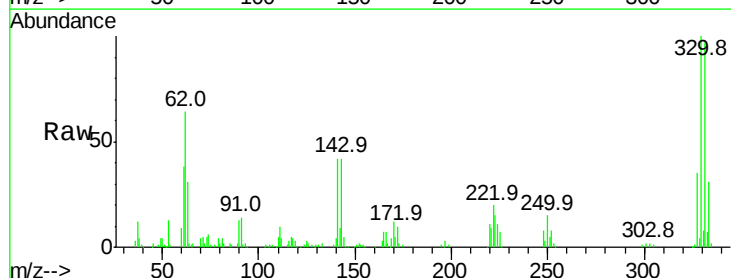


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

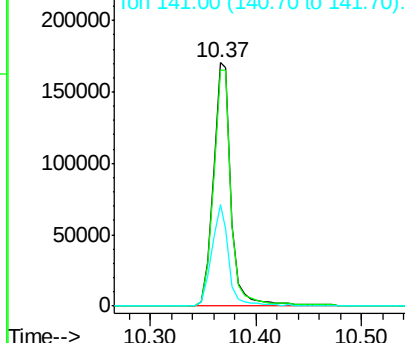
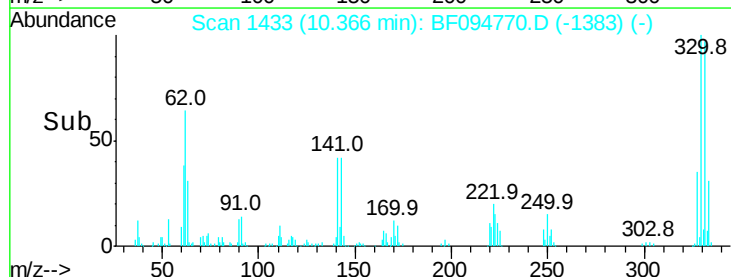


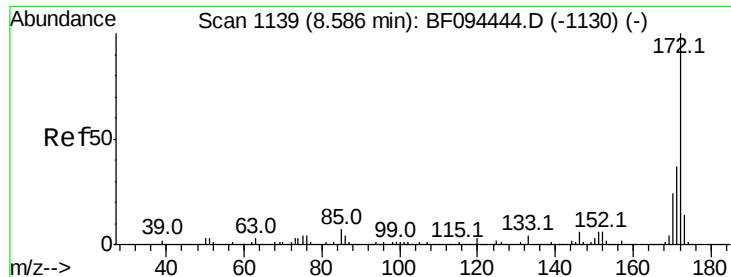
#41
2,4,6-Tribromophenol
Concen: 148.58 ng
RT: 10.37 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF094770.D
Acq: 2 May 2017 1:25

Tgt Ion:330 Resp: 203401
Ion Ratio Lower Upper
330 100
332 97.6 76.6 115.0
141 39.8 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



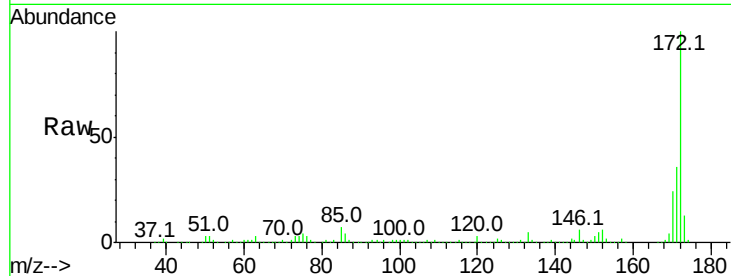


#44
 2-Fluorobiphenyl
 Concen: 97.87 ng
 RT: 8.58 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF094770.D
 Acq: 2 May 2017 1:25

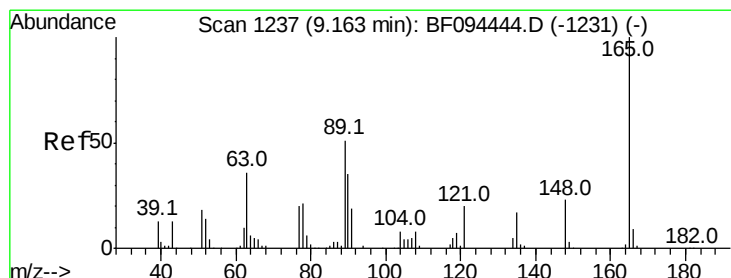
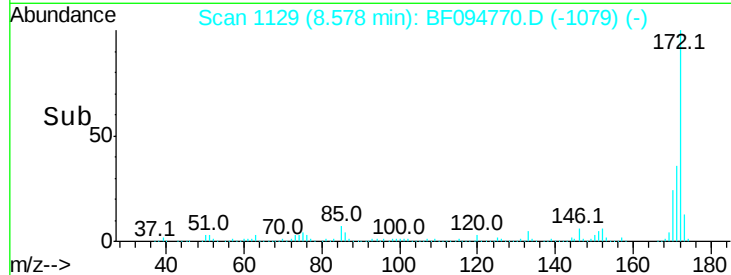
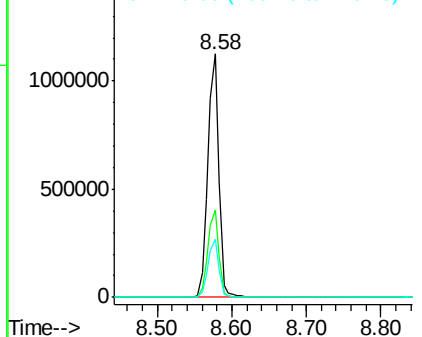
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1164125

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.0	19.8	29.8



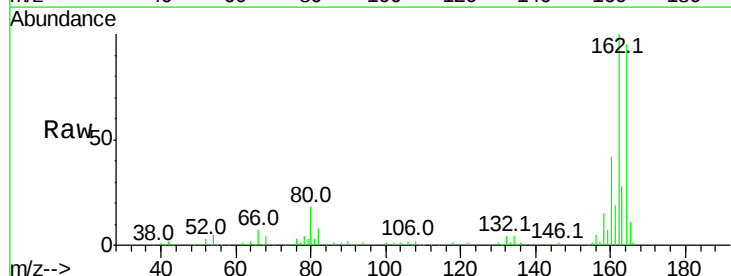
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



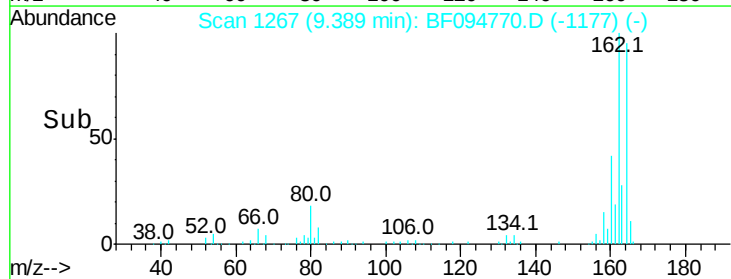
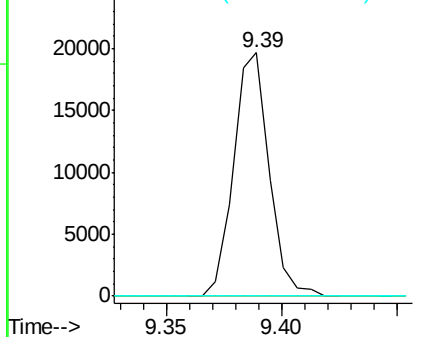
#50
 2,6-Dinitrotoluene
 Concen: 7.18 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. 0.23 min
 Lab File: BF094770.D
 Acq: 2 May 2017 1:25

Tgt Ion:165 Resp: 21009

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

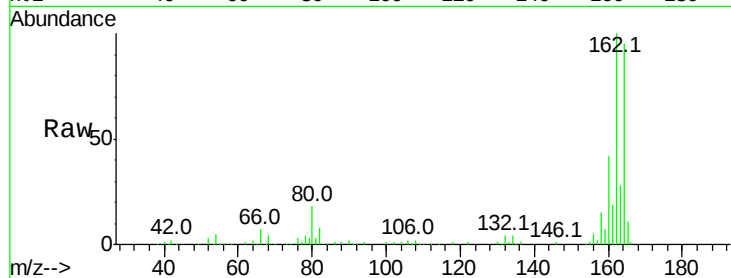




#56
 2,4-Dinitrotoluene
 Concen: 5.85 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.27 min
 Lab File: BF094770.D
 Acq: 2 May 2017 1:25

Instrument :
 BNA_F
 ClientSampleId :

Tot 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#

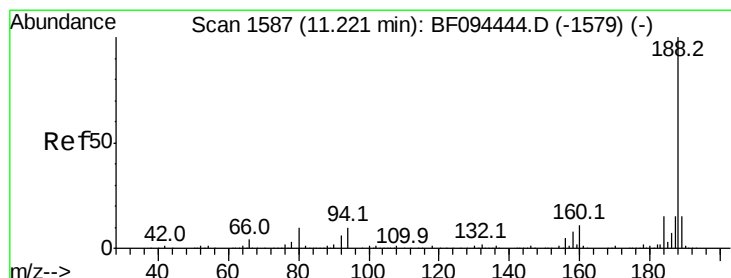
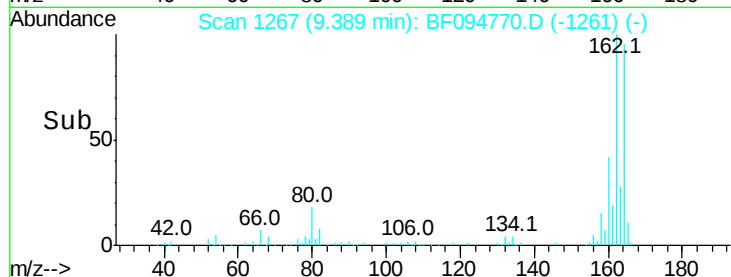
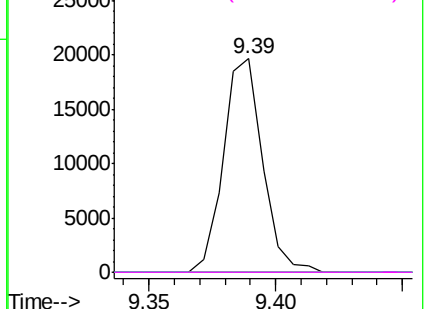


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

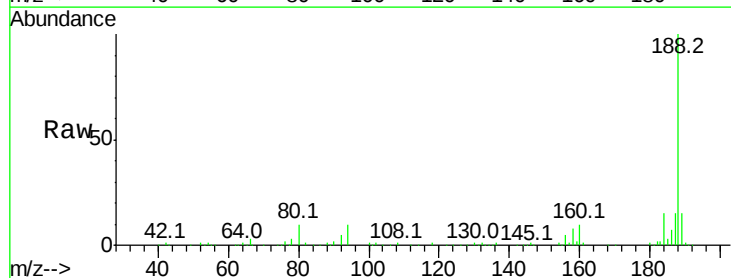
Ion 89.00 (88.70 to 89.70): BF0

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: BF094770.D
 Acq: 2 May 2017 1:25

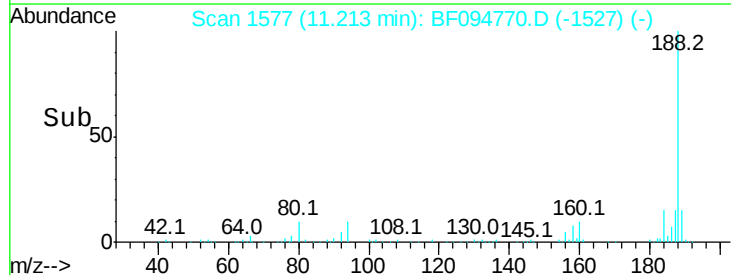
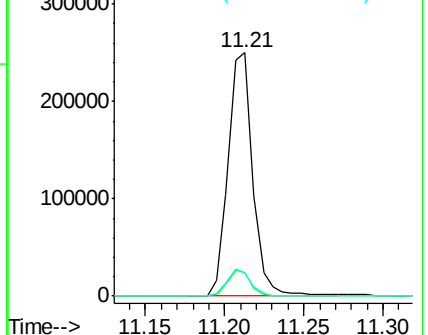
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	9.4	14.2
80	9.9	10.2	15.2#

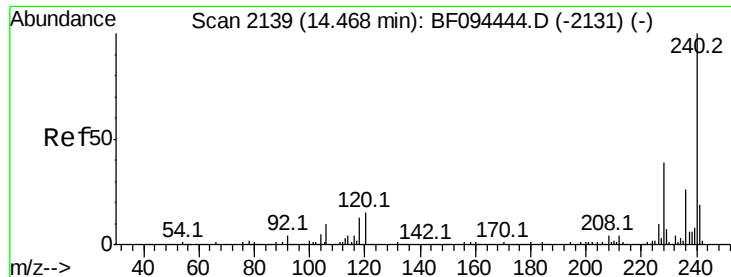


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF094770.D

Acq: 2 May 2017 1:25

Instrument :

BNA_F

ClientSampleId :

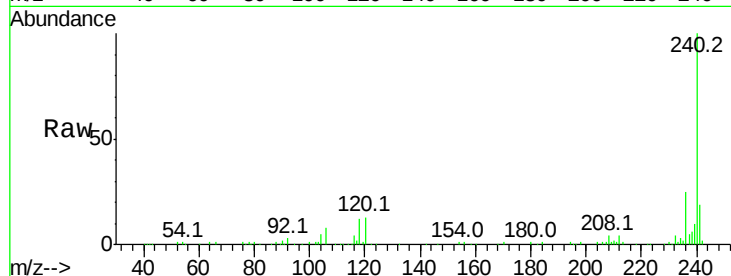
Tot Ion:240 Resp: 182824

Ion Ratio Lower Upper

240 100

120 12.7 5.8 8.8#

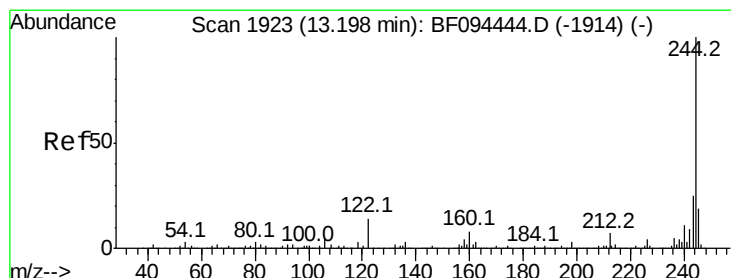
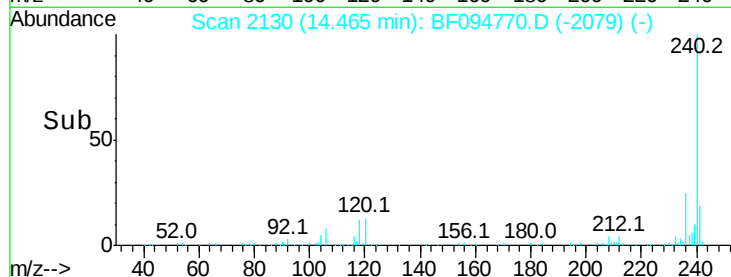
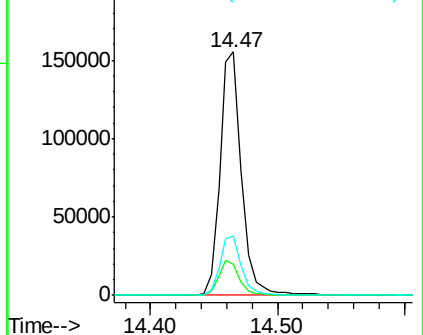
236 24.6 20.5 30.7



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: 124.36 ng

RT: 13.19 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BF094770.D

Acq: 2 May 2017 1:25

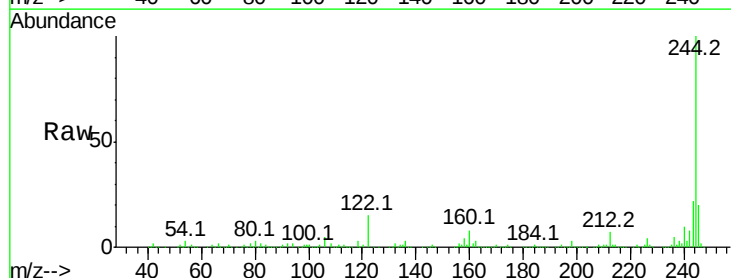
Tgt Ion:244 Resp: 850618

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

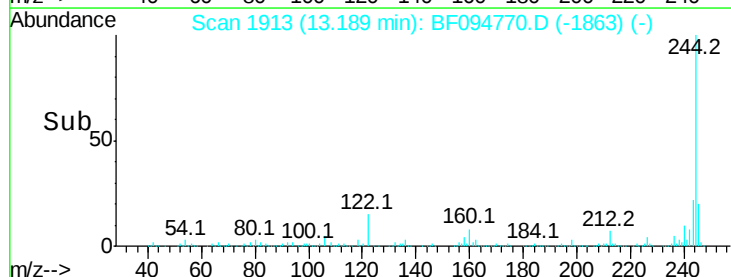
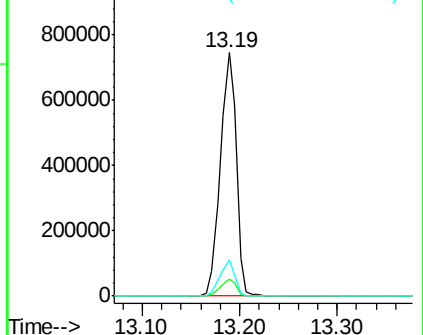
122 14.6 10.3 15.5

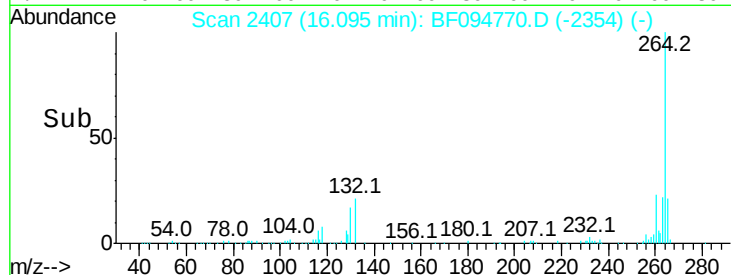
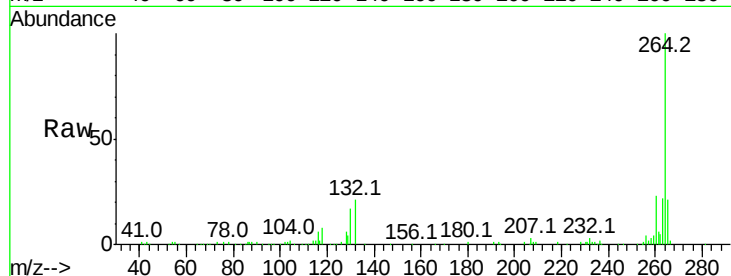
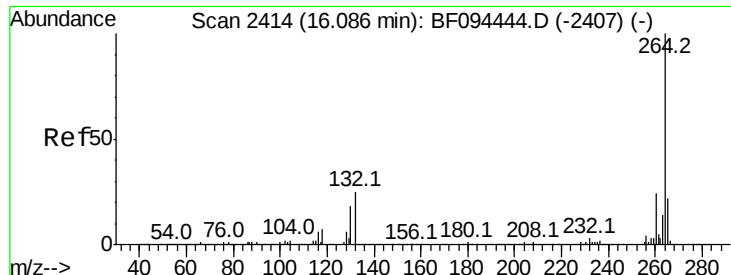


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF094770.D
Acq: 2 May 2017 1:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264	Resp:	135658
Ion Ratio	Lower	Upper
264	100	
260	23.0	19.5 29.3
265	20.5	17.2 25.8

