

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
 Data File : BF094610.D
 Acq On : 25 Apr 2017 17:34
 Operator : SJ/MA
 Sample : I2835-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 26 01:25:13 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

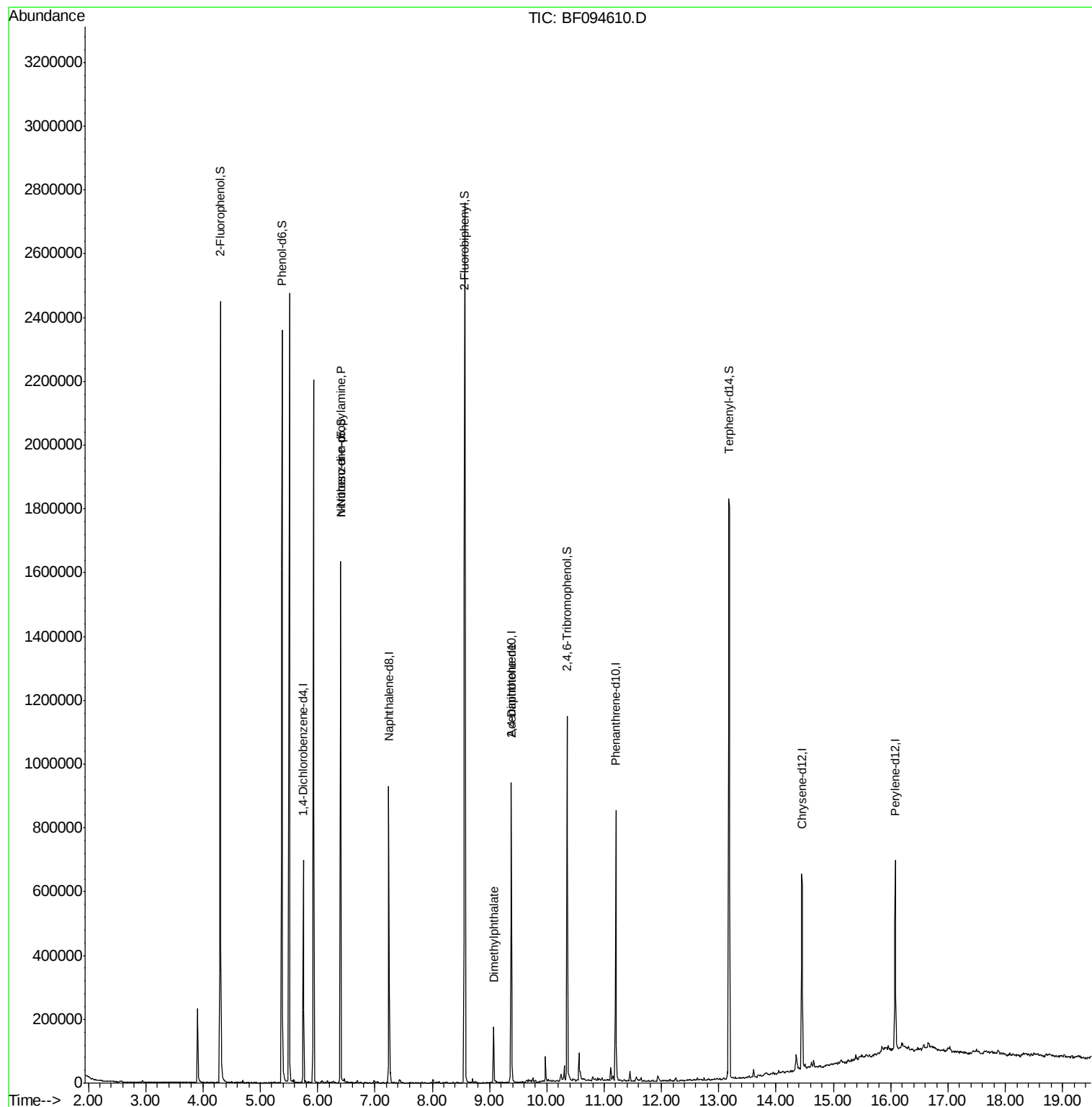
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	120992	20.00	ng	0.00
21) Naphthalene-d8	7.24	136	475472	20.00	ng	-0.02
38) Acenaphthene-d10	9.38	164	205788	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	332412	20.00	ng	-0.02
75) Chrysene-d12	14.45	240	248323	20.00	ng	-0.02
86) Perylene-d12	16.08	264	230909	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.30	112	737330	101.10	ng	0.00
7) Phenol-d6	5.38	99	915381	106.47	ng	-0.01
23) Nitrobenzene-d5	6.40	82	546797	71.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.35	330	133159	82.73	ng	-0.02
44) 2-Fluorobiphenyl	8.57	172	1013794	72.48	ng	-0.02
78) Terphenyl-d14	13.18	244	679782	73.17	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.40	70	70935	12.45	ng	# 77
49) Dimethylphthalate	9.07	163	83897	5.47	ng	98
56) 2,4-Dinitrotoluene	9.38	165	26524	6.28	ng	# 33

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

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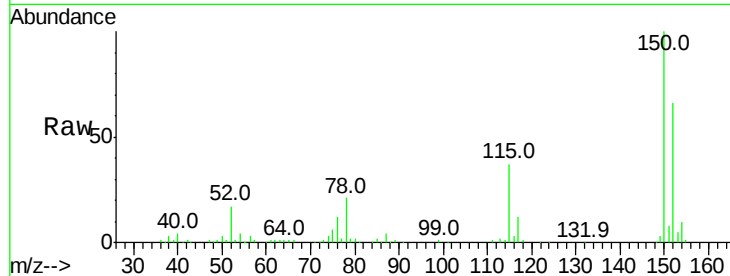


#1

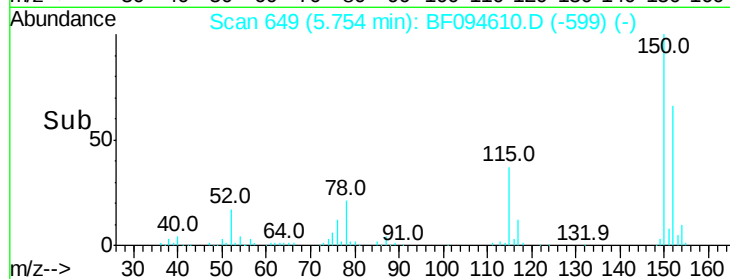
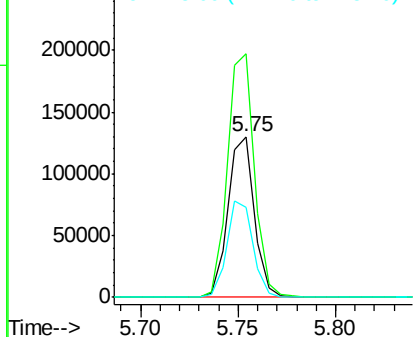
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF094610.D
Acq: 25 Apr 2017 17:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 120992
Ion Ratio Lower Upper
152 100
150 151.7 126.2 189.2
115 56.2 52.2 78.2



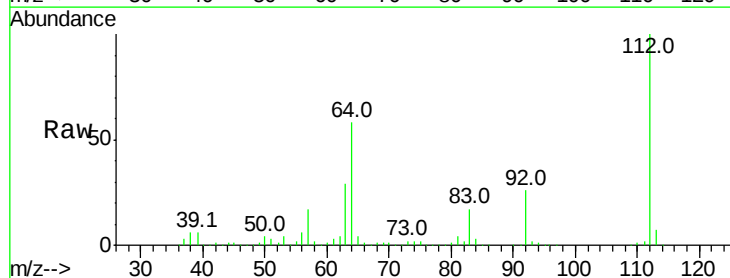
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



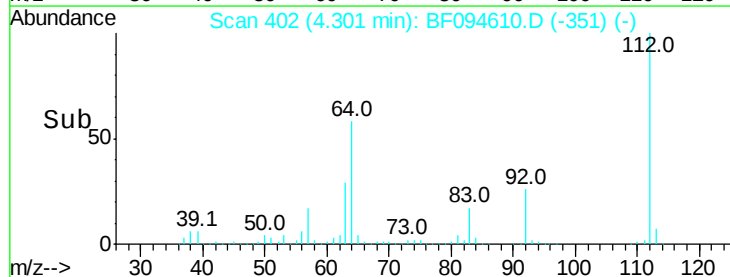
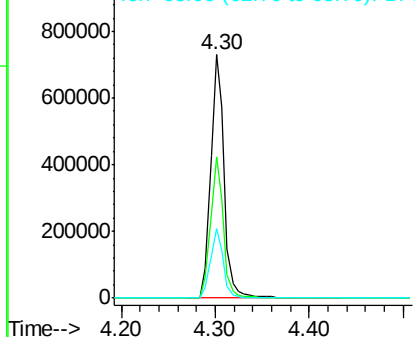
#5

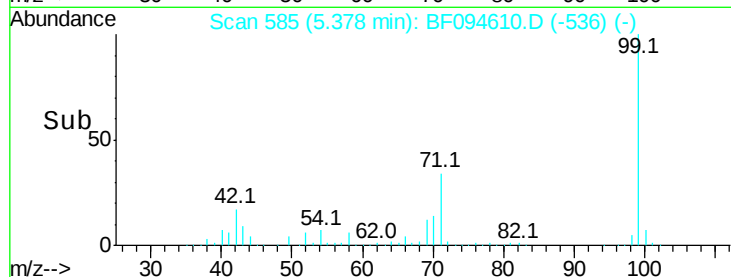
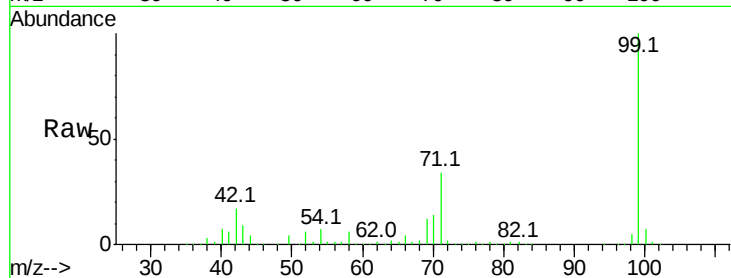
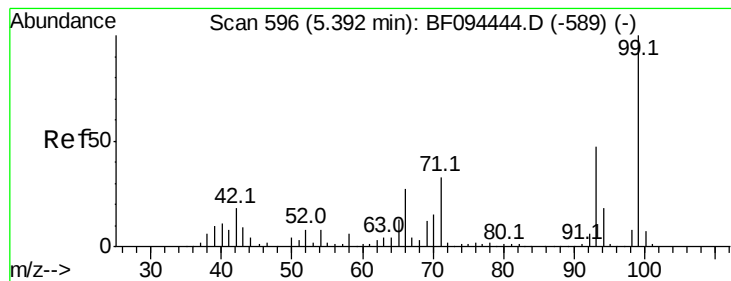
2-Fluorophenol
Concen: 101.10 ng
RT: 4.30 min Scan# 402
Delta R.T. -0.00 min
Lab File: BF094610.D
Acq: 25 Apr 2017 17:34

Tgt Ion:112 Resp: 737330
Ion Ratio Lower Upper
112 100
64 58.2 46.0 69.0
63 28.8 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: 106.47 ng

RT: 5.38 min Scan# 585

Delta R.T. -0.01 min

Lab File: BF094610.D

Acq: 25 Apr 2017 17:34

Instrument :

BNA_F

ClientSampled :

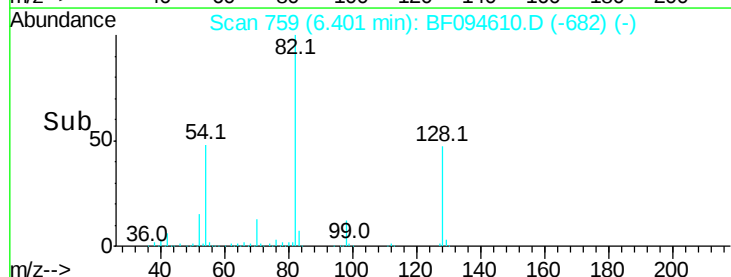
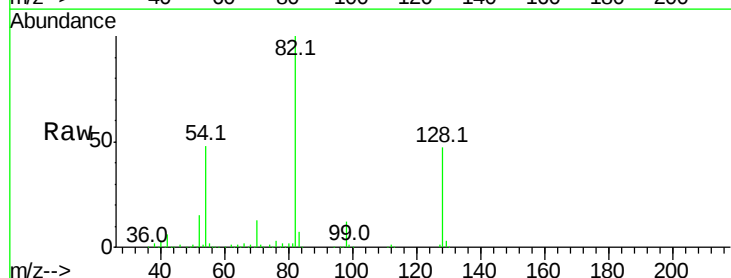
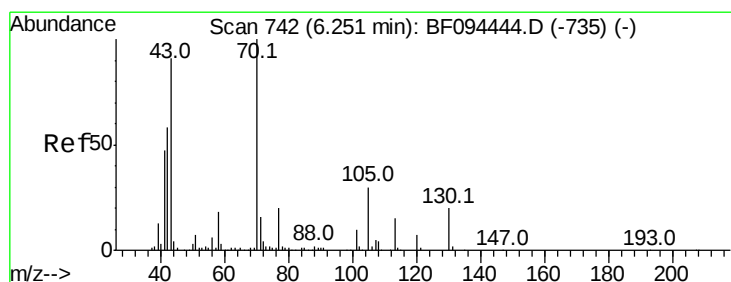
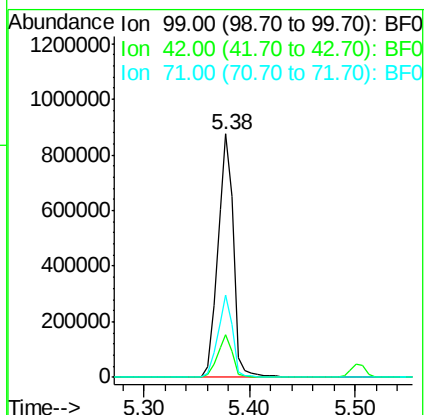
Tot Ion: 99 Resp: 915381

Ion Ratio Lower Upper

99 100

42 17.4 13.5 20.3

71 33.9 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 12.45 ng

RT: 6.40 min Scan# 759

Delta R.T. 0.15 min

Lab File: BF094610.D

Acq: 25 Apr 2017 17:34

Tgt Ion: 70 Resp: 70935

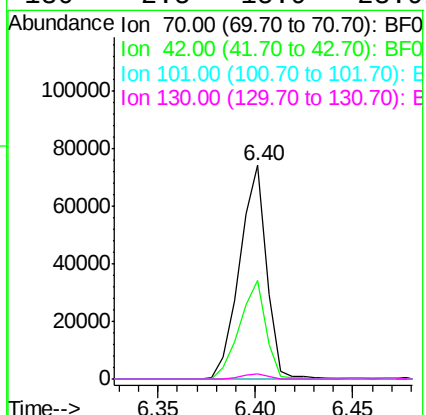
Ion Ratio Lower Upper

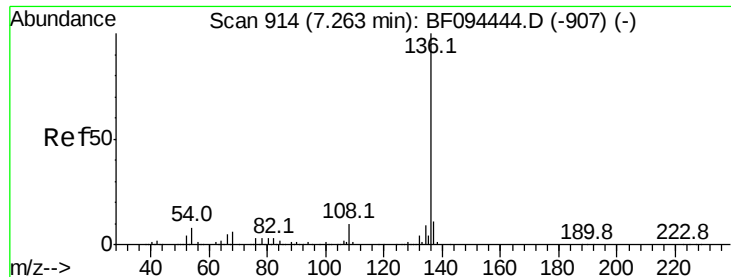
70 100

42 46.2 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: 7.24 min Scan# 902

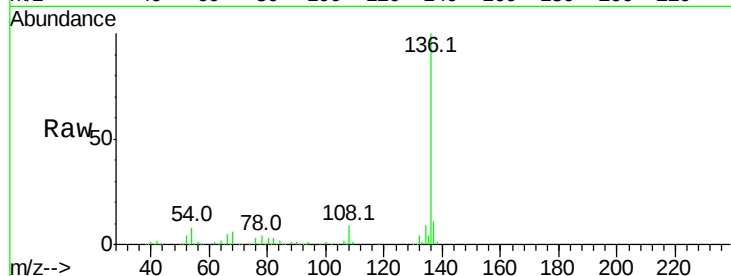
Delta R.T. -0.02 min

Lab File: BF094610.D

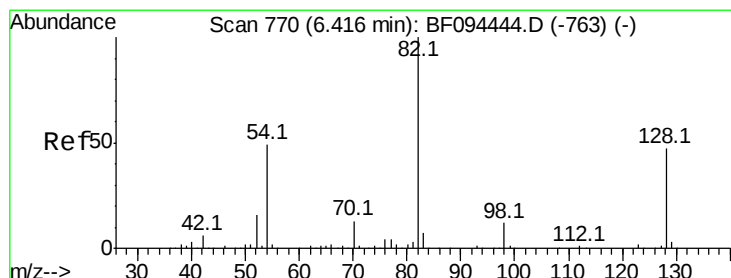
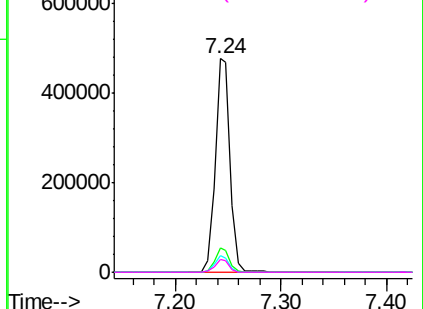
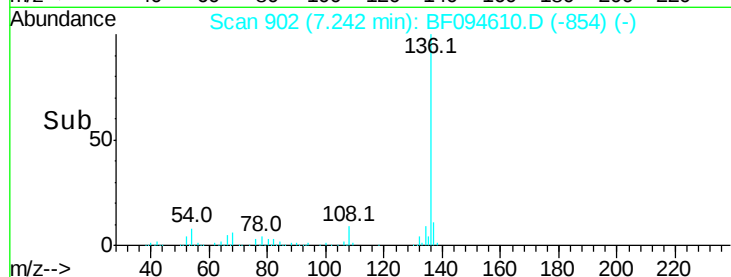
Acq: 25 Apr 2017 17:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	475472
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.5 12.7
54	7.6	4.9 7.3#
68	5.8	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: 71.01 ng

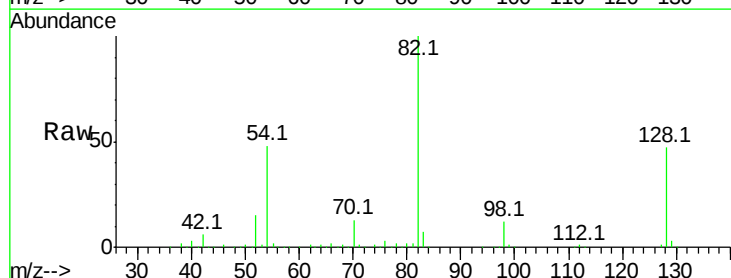
RT: 6.40 min Scan# 759

Delta R.T. -0.01 min

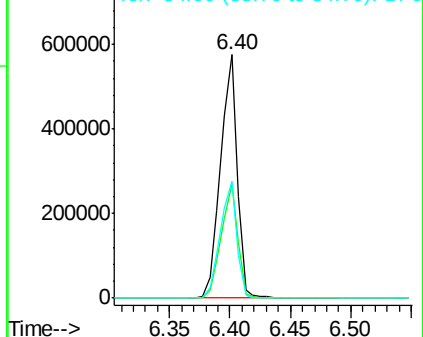
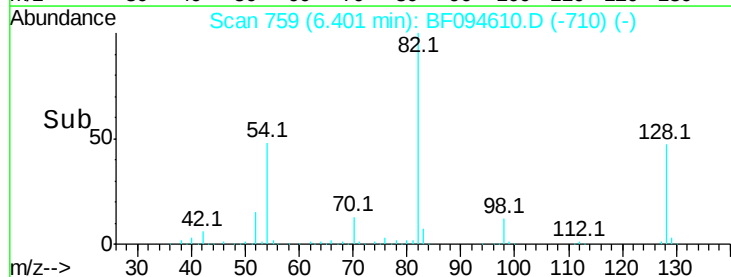
Lab File: BF094610.D

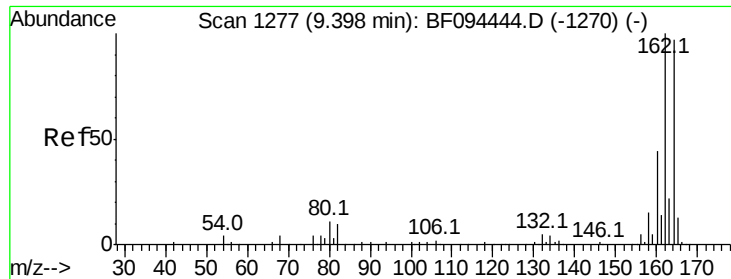
Acq: 25 Apr 2017 17:34

Tgt Ion: 82	Resp:	546797
Ion Ratio	Lower	Upper
82	100	
128	47.0	34.0 51.0
54	48.0	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

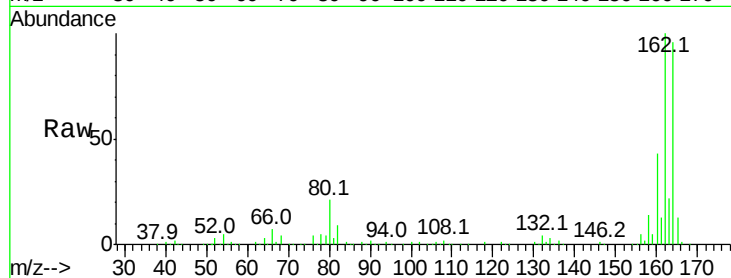




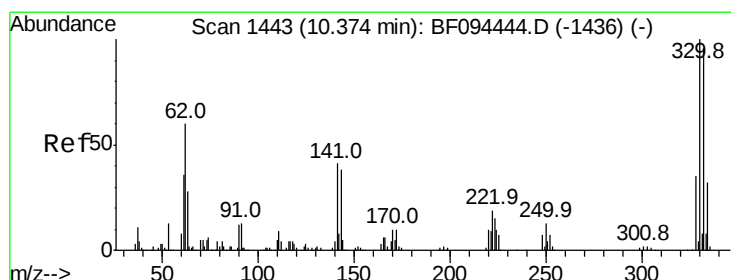
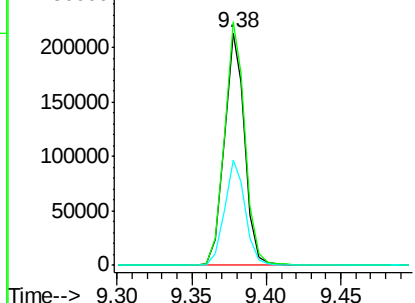
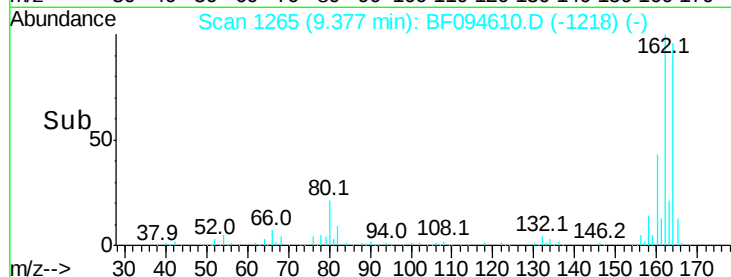
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 1265
 Delta R.T. -0.02 min
 Lab File: BF094610.D
 Acq: 25 Apr 2017 17:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 205788
 Ion Ratio Lower Upper
 164 100
 162 104.6 82.6 123.8
 160 45.5 36.2 54.2

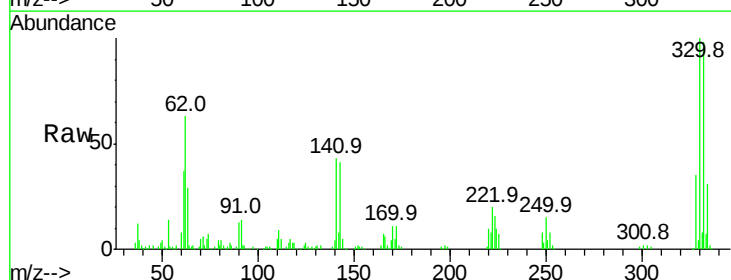


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

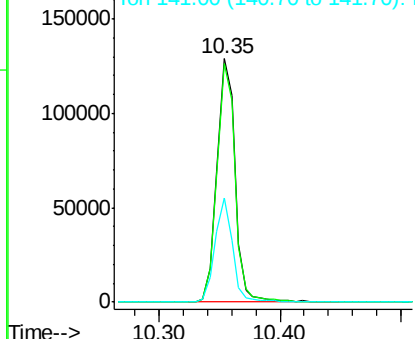
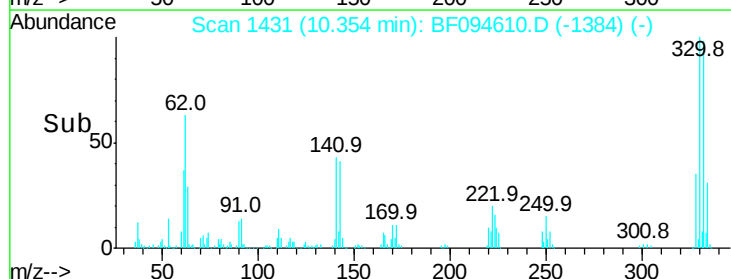


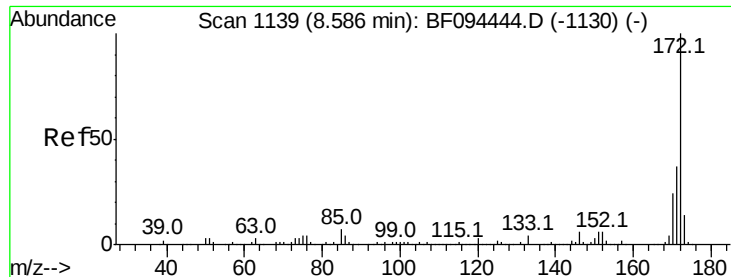
#41
 2,4,6-Tribromophenol
 Concen: 82.73 ng
 RT: 10.35 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF094610.D
 Acq: 25 Apr 2017 17:34

Tgt Ion:330 Resp: 133159
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 115.0
 141 41.2 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



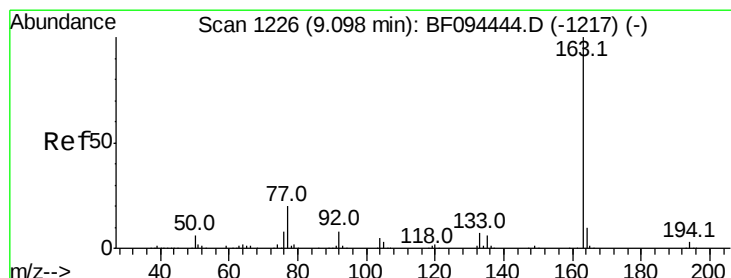
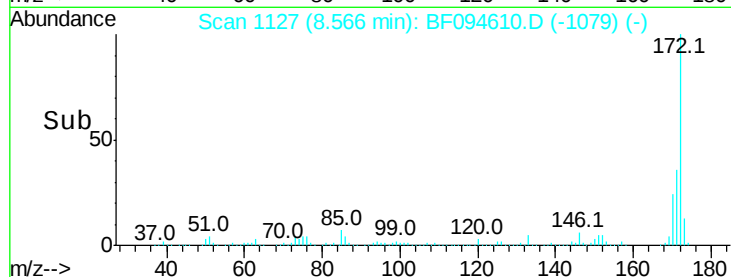
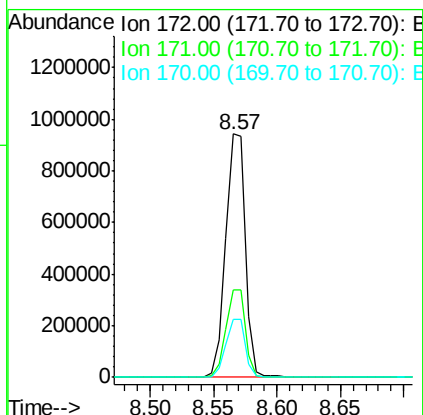
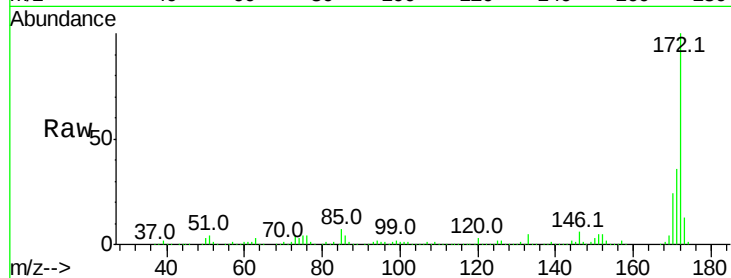


#44
 2-Fluorobiphenyl
 Concen: 72.48 ng
 RT: 8.57 min Scan# 1127
 Delta R.T. -0.02 min
 Lab File: BF094610.D
 Acq: 25 Apr 2017 17:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1013794

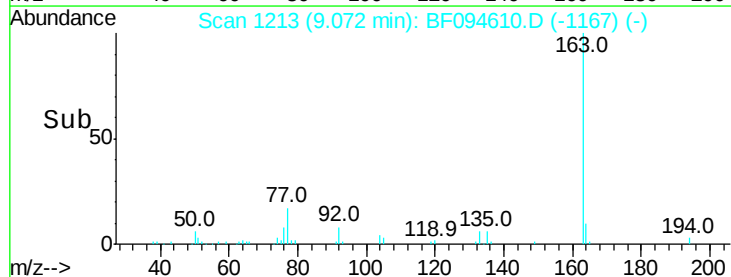
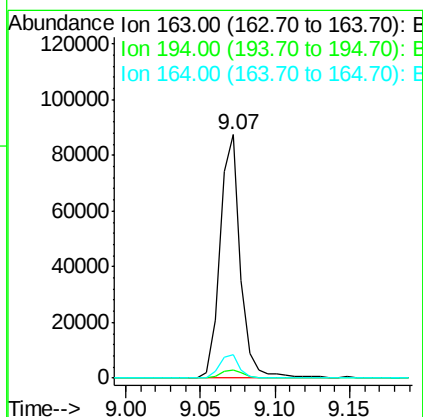
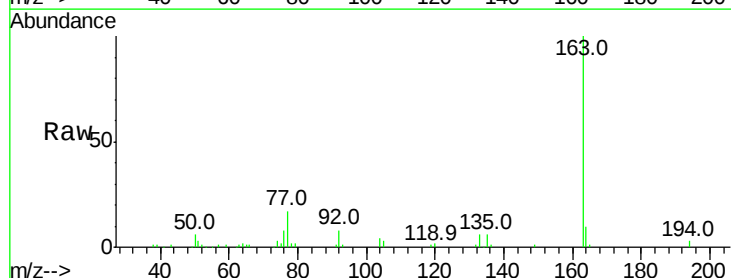
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.9	19.8	29.8



#49
 Dimethylphthalate
 Concen: 5.47 ng
 RT: 9.07 min Scan# 1213
 Delta R.T. -0.03 min
 Lab File: BF094610.D
 Acq: 25 Apr 2017 17:34

Tgt Ion:163 Resp: 83897

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.5	8.4	12.6

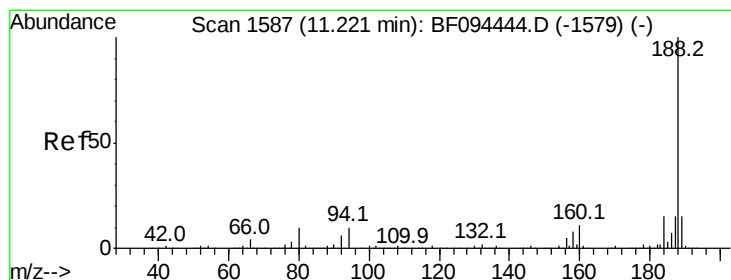
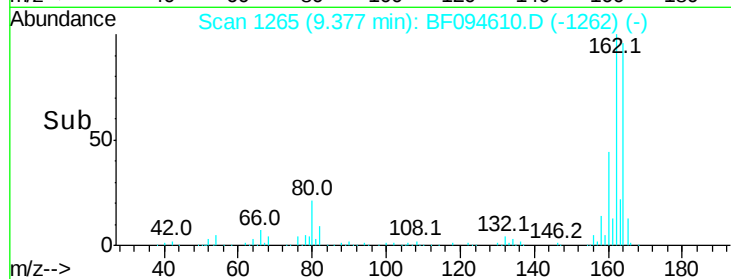
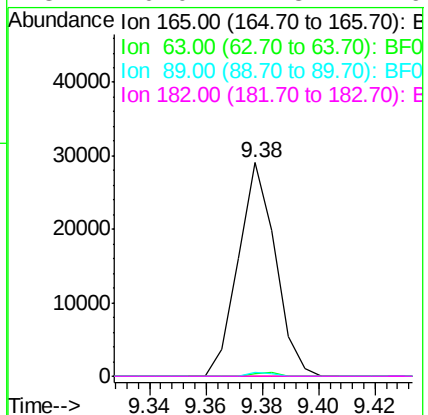
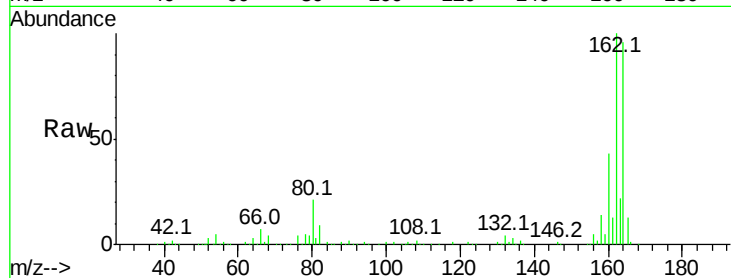




#56
 2,4-Dinitrotoluene
 Concen: 6.28 ng
 RT: 9.38 min Scan# 1265
 Delta R.T. -0.28 min
 Lab File: BF094610.D
 Acq: 25 Apr 2017 17:34

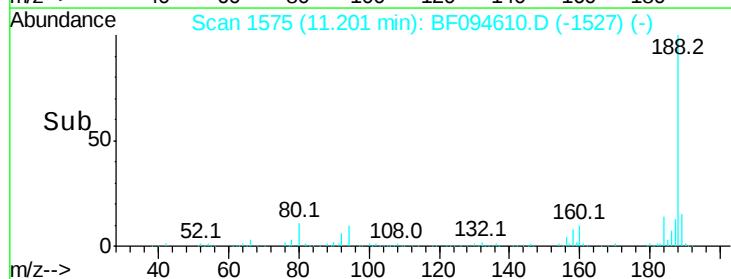
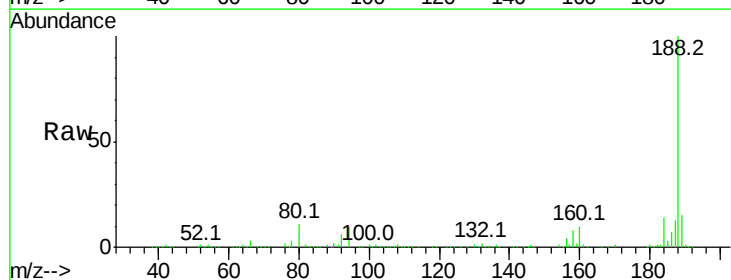
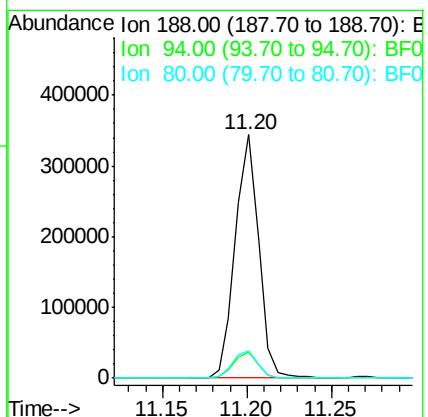
Instrument :
 BNA_F
 ClientSampleId :

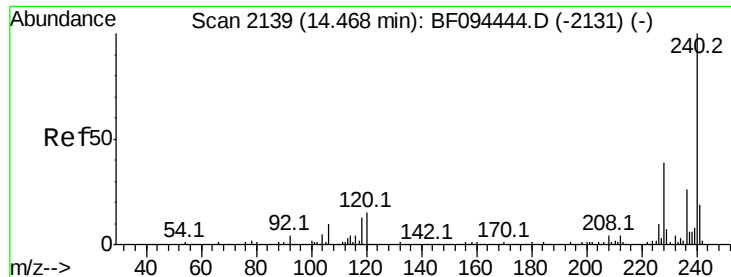
Tot Ion:165 Resp: 26524
 Ion Ratio Lower Upper
 165 100
 63 1.3 25.4 38.0#
 89 1.6 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 1575
 Delta R.T. -0.02 min
 Lab File: BF094610.D
 Acq: 25 Apr 2017 17:34

Tgt Ion:188 Resp: 332412
 Ion Ratio Lower Upper
 188 100
 94 10.5 9.4 14.2
 80 11.2 10.2 15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.45 min Scan# 2127

Delta R.T. -0.02 min

Lab File: BF094610.D

Acq: 25 Apr 2017 17:34

Instrument :

BNA_F

ClientSampled :

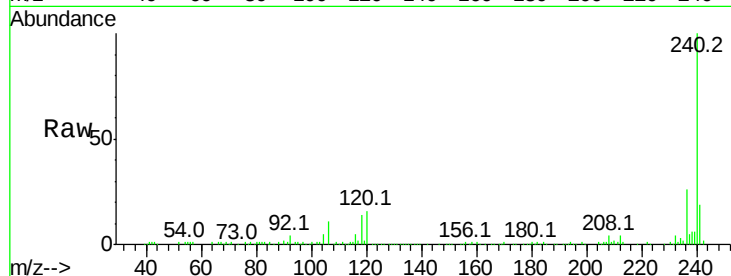
Tot Ion:240 Resp: 248323

Ion Ratio Lower Upper

240 100

120 16.3 5.8 8.8#

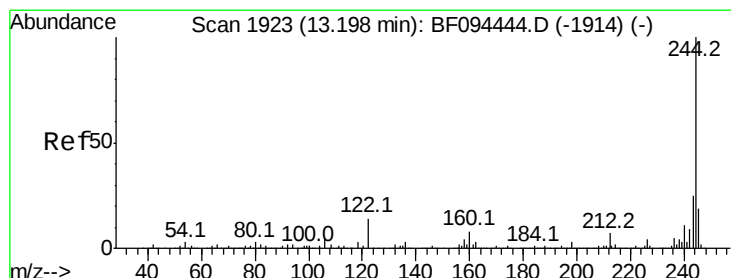
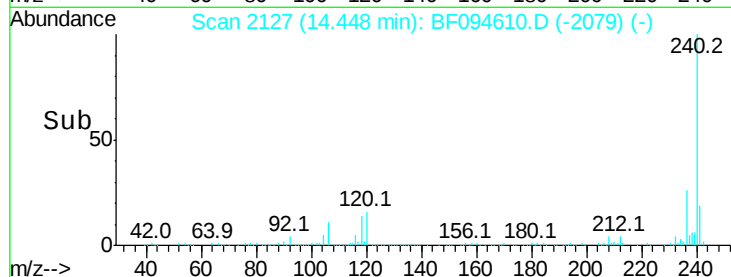
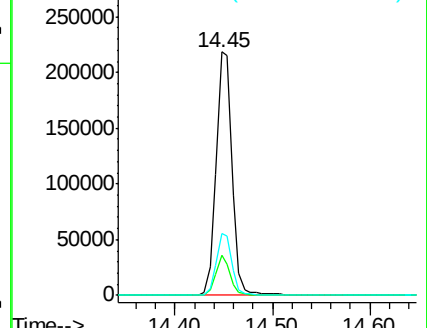
236 25.5 20.5 30.7



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: 73.17 ng

RT: 13.18 min Scan# 1911

Delta R.T. -0.02 min

Lab File: BF094610.D

Acq: 25 Apr 2017 17:34

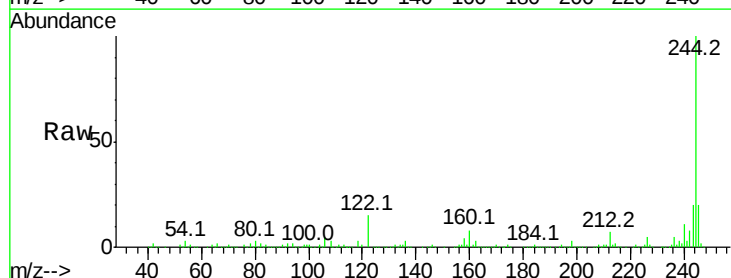
Tgt Ion:244 Resp: 679782

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

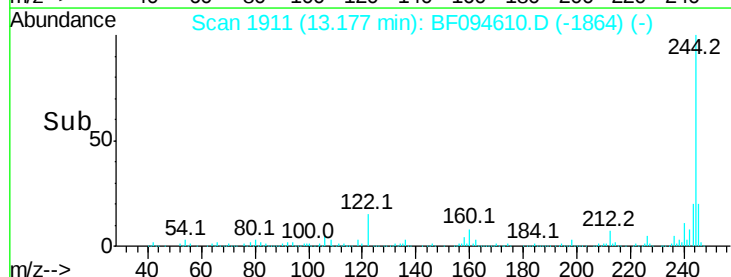
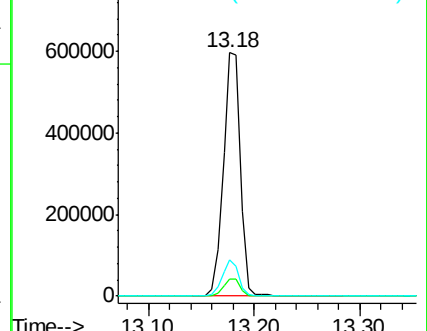
122 14.8 10.3 15.5

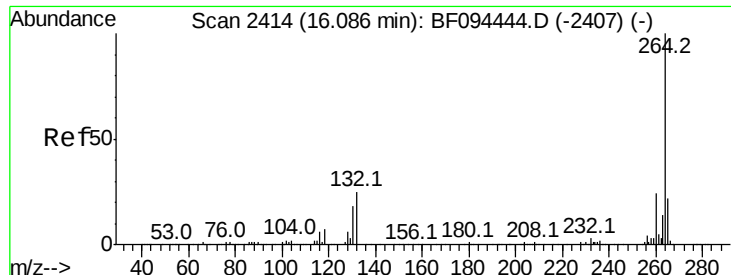


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

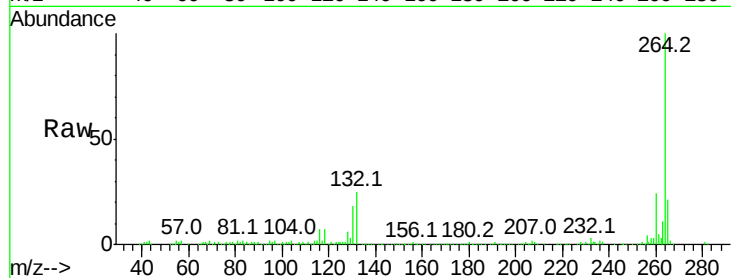




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BF094610.D
Acq: 25 Apr 2017 17:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.4	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

