

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
 Data File : BF094470.D
 Acq On : 18 Apr 2017 00:48
 Operator : SJ/MA
 Sample : I2708-04 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 18 04:37:40 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

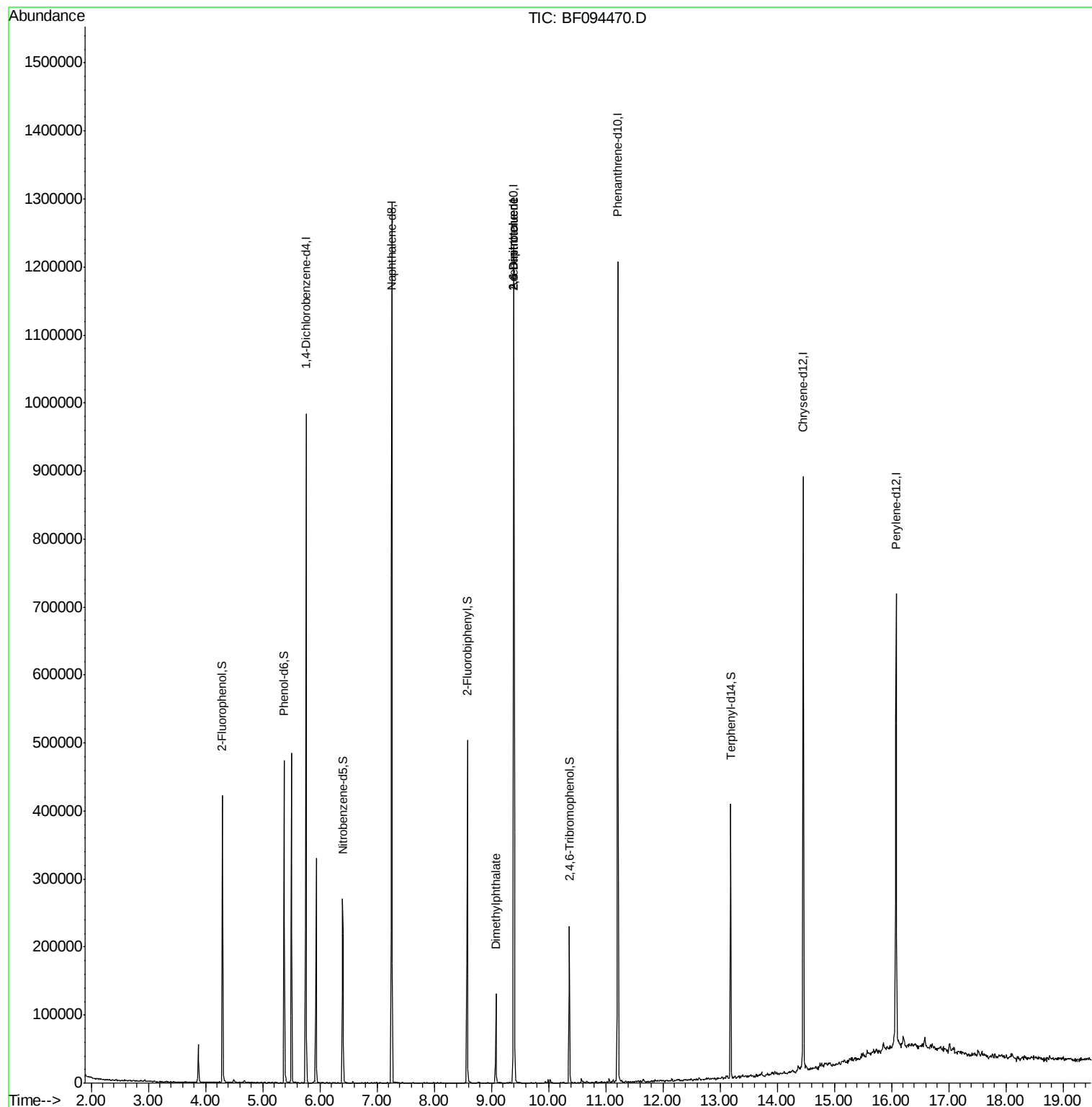
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	154136	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	628187	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	278626	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	486924	20.00	ng	0.00
75) Chrysene-d12	14.46	240	321876	20.00	ng	-0.01
86) Perylene-d12	16.08	264	253317	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.29	112	125020	13.46	ng	-0.01
7) Phenol-d6	5.37	99	159235	14.54	ng	-0.02
23) Nitrobenzene-d5	6.40	82	91181	8.96	ng	-0.02
41) 2,4,6-Tribromophenol	10.36	330	25265	11.59	ng	-0.01
44) 2-Fluorobiphenyl	8.58	172	179063	9.46	ng	0.00
78) Terphenyl-d14	13.19	244	124413	10.33	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.08	163	59653	2.87	ng	99
50) 2,6-Dinitrotoluene	9.39	165	36384	7.81	ng	# 33
56) 2,4-Dinitrotoluene	9.39	165	36384	6.36	ng	# 33

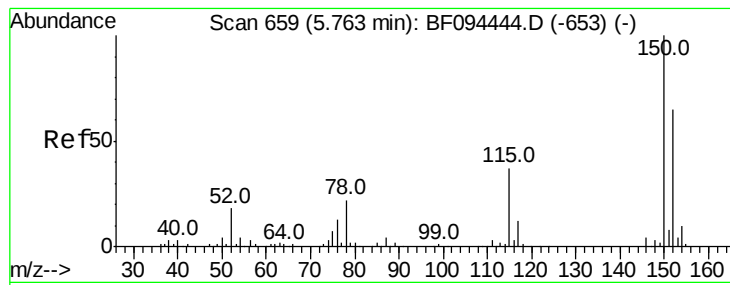
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.76 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF094470.D

Acq: 18 Apr 2017 00:48

Instrument :

BNA_F

ClientSampleId :

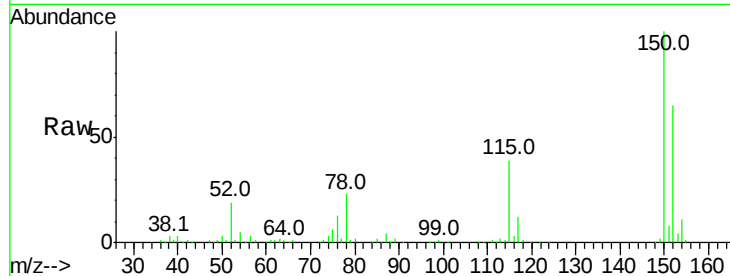
Tot Ion:152 Resp: 154136

Ion Ratio Lower Upper

152 100

150 152.8 126.2 189.2

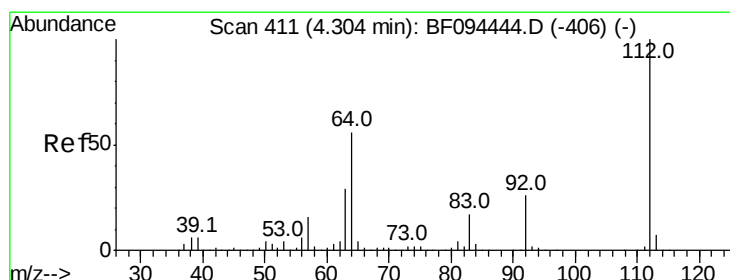
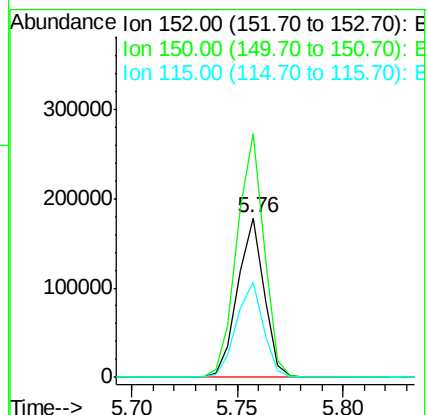
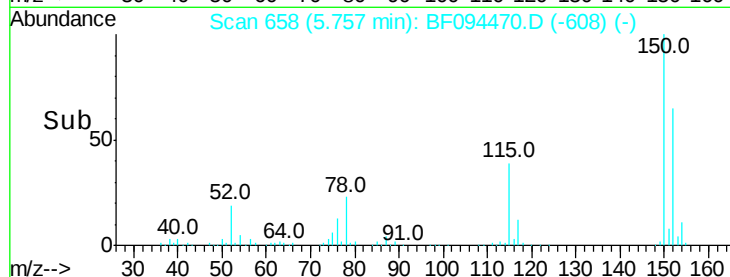
115 59.4 52.2 78.2



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: 13.46 ng

RT: 4.29 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF094470.D

Acq: 18 Apr 2017 00:48

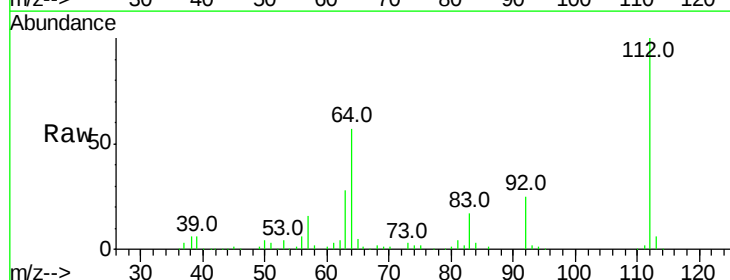
Tgt Ion:112 Resp: 125020

Ion Ratio Lower Upper

112 100

64 56.7 46.0 69.0

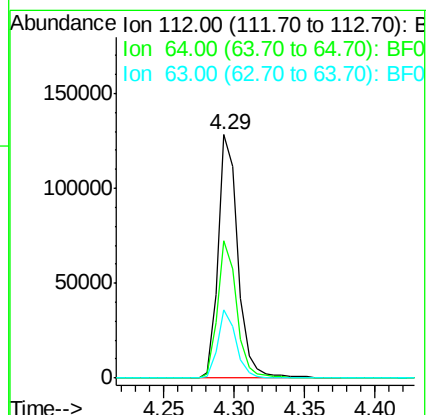
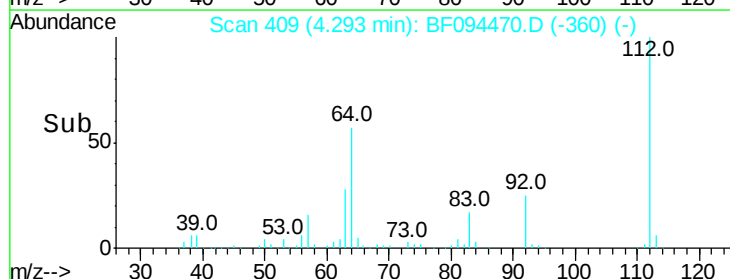
63 28.2 23.4 35.0

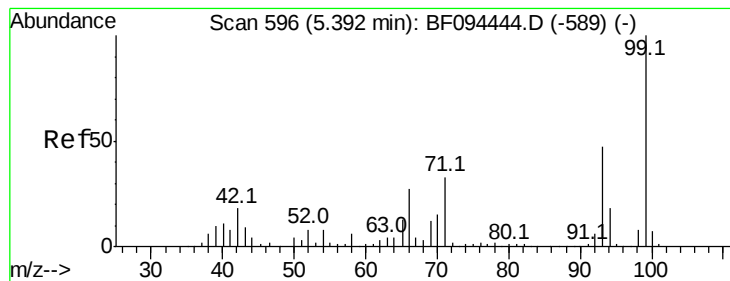


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 14.54 ng

RT: 5.37 min Scan# 593

Delta R.T. -0.02 min

Lab File: BF094470.D

Acq: 18 Apr 2017 00:48

Instrument :

BNA_F

ClientSampleId :

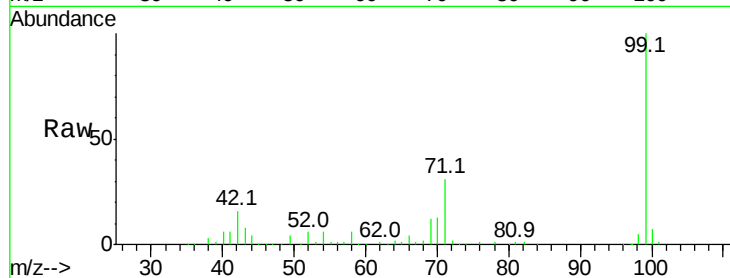
Tot Ion: 99 Resp: 159235

Ion Ratio Lower Upper

99 100

42 15.9 13.5 20.3

71 31.1 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

250000

200000

150000

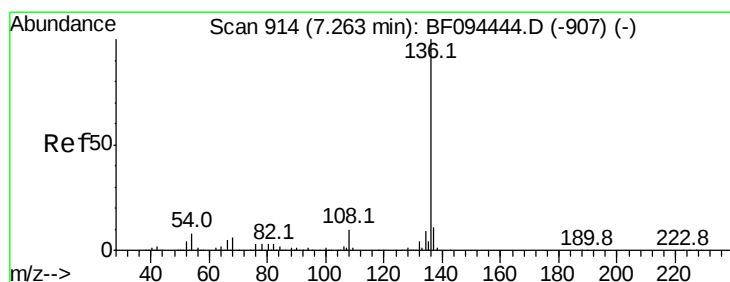
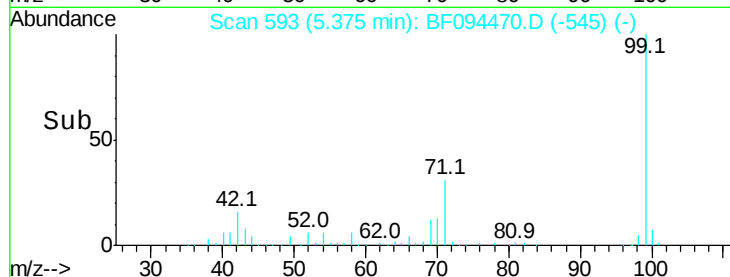
100000

50000

0

5.30 5.35 5.40 5.45

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.26 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF094470.D

Acq: 18 Apr 2017 00:48

Tgt Ion: 136 Resp: 628187

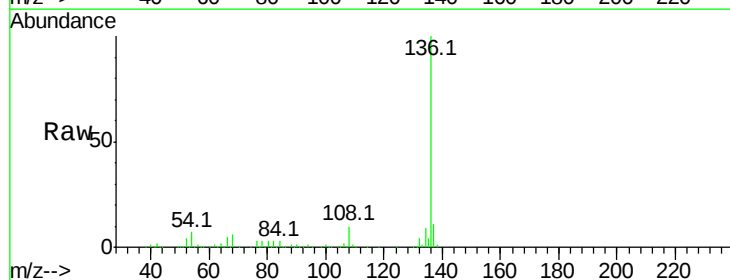
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.5 4.9 7.3#

68 5.7 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

1000000

800000

600000

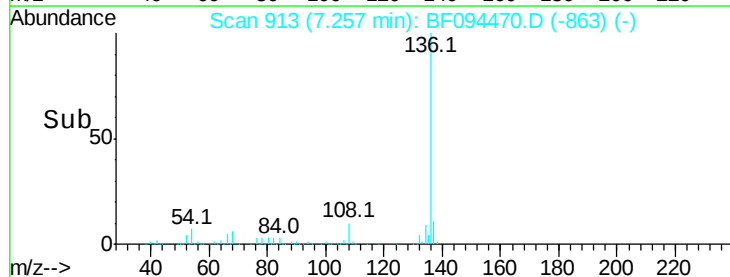
400000

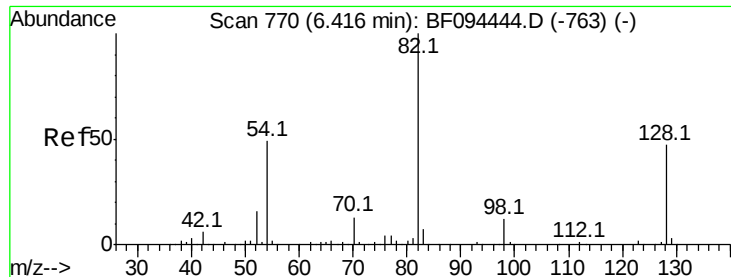
200000

0

7.20 7.25 7.30 7.35

Time-->

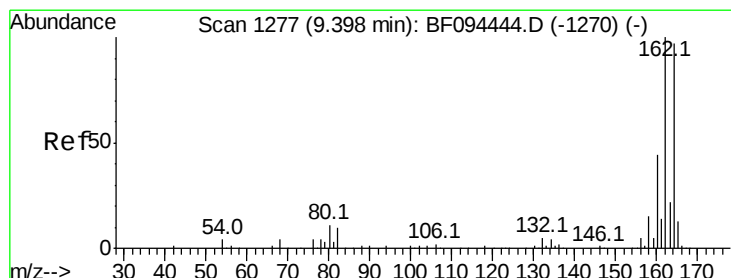
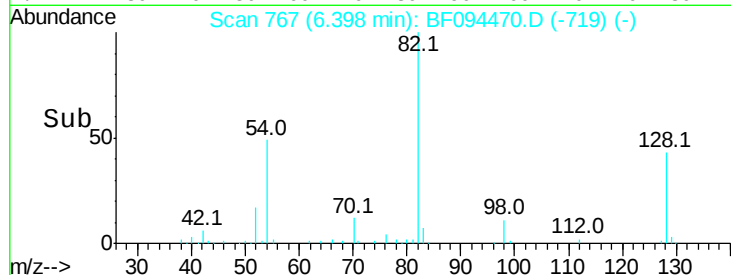
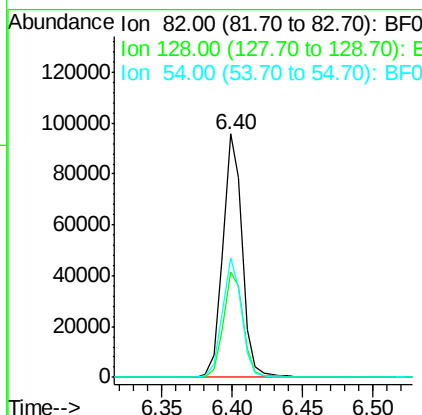
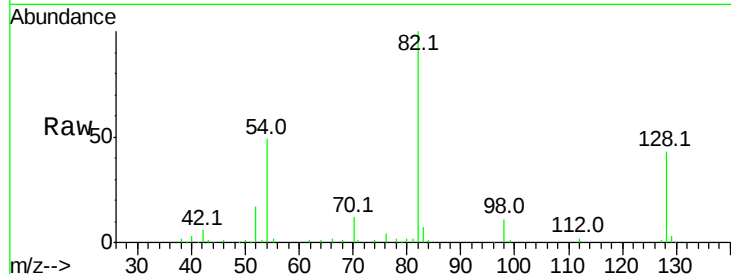




#23
 Nitrobenzene-d5
 Concen: 8.96 ng
 RT: 6.40 min Scan# 767
 Delta R.T. -0.02 min
 Lab File: BF094470.D
 Acq: 18 Apr 2017 00:48

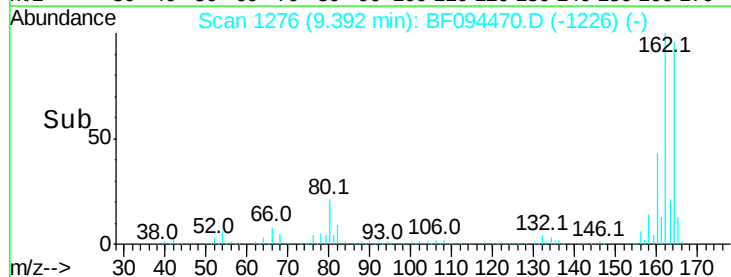
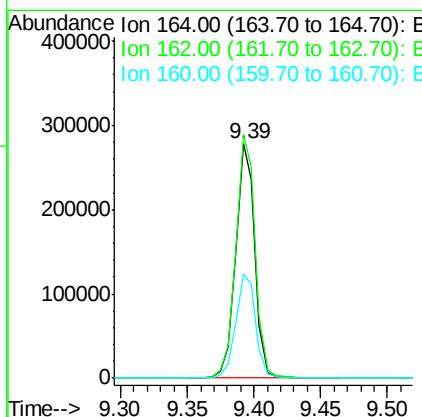
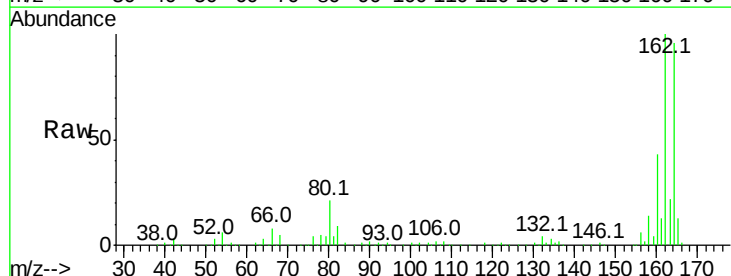
Instrument :
 BNA_F
 ClientSampleId :

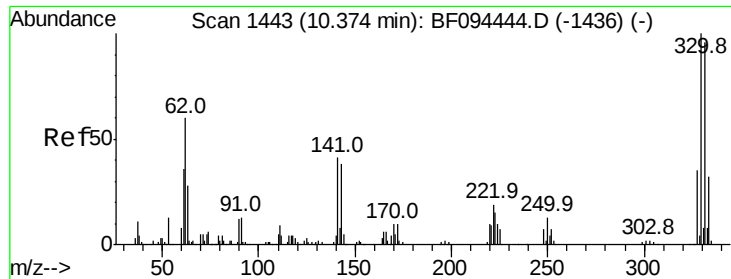
Tot Ion	82	Resp	91181
Ion Ratio	100	Lower	Upper
128	43.5	34.0	51.0
54	49.2	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 1276
 Delta R.T. -0.01 min
 Lab File: BF094470.D
 Acq: 18 Apr 2017 00:48

Tgt Ion	164	Resp	278626
Ion Ratio	100	Lower	Upper
162	103.9	82.6	123.8
160	44.5	36.2	54.2

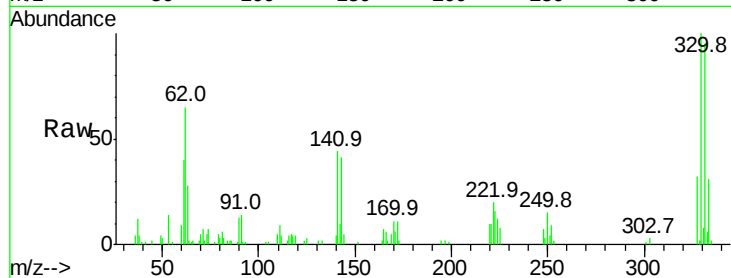




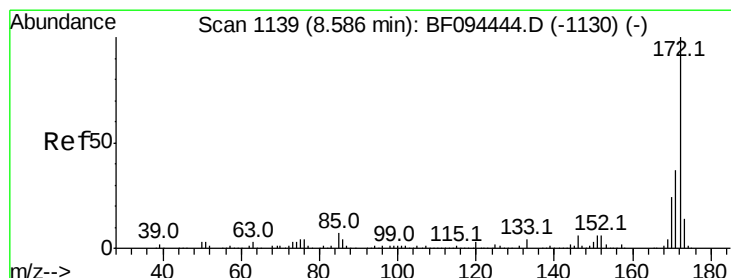
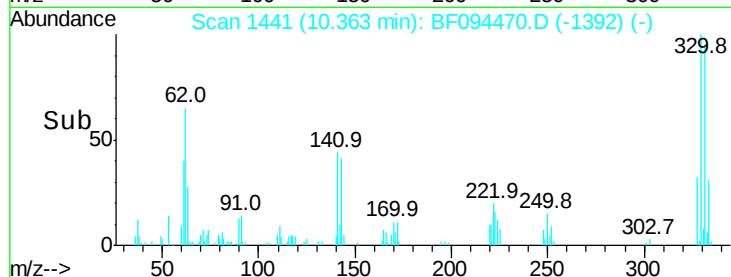
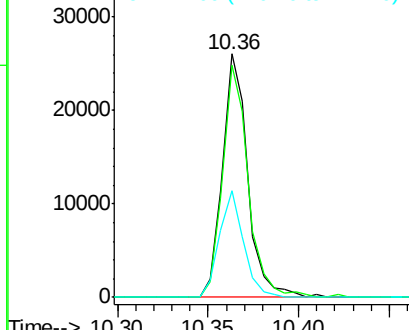
#41
 2,4,6-Tribromophenol
 Concen: 11.59 ng
 RT: 10.36 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF094470.D
 Acq: 18 Apr 2017 00:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 25265
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 115.0
 141 41.7 31.4 47.2

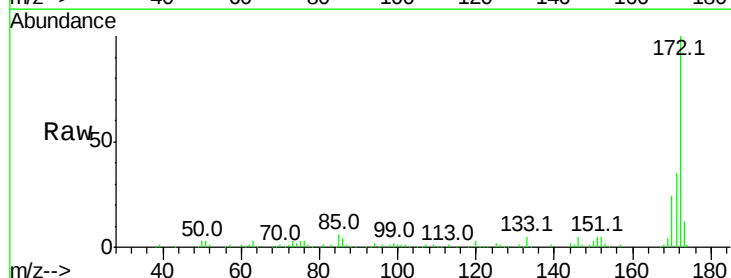


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

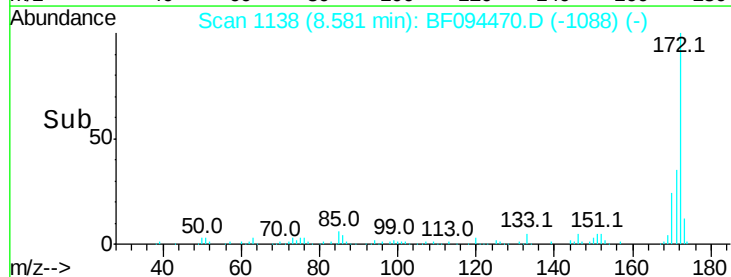
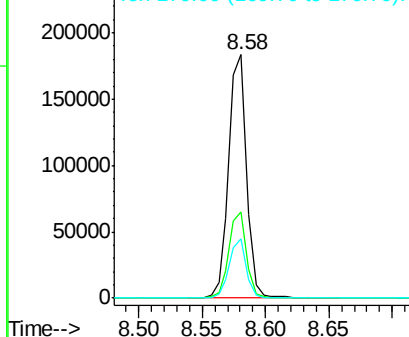


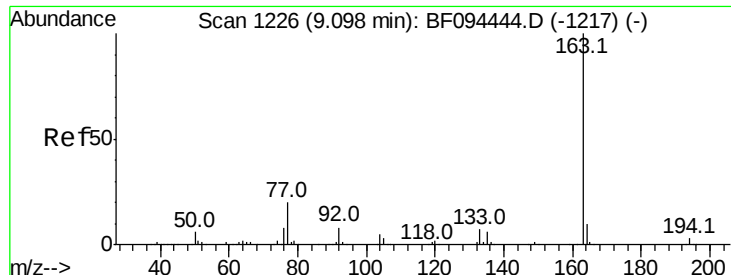
#44
 2-Fluorobiphenyl
 Concen: 9.46 ng
 RT: 8.58 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: BF094470.D
 Acq: 18 Apr 2017 00:48

Tgt Ion:172 Resp: 179063
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.6 44.4
 170 24.3 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

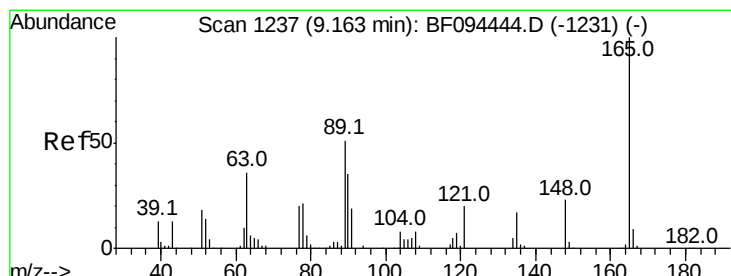
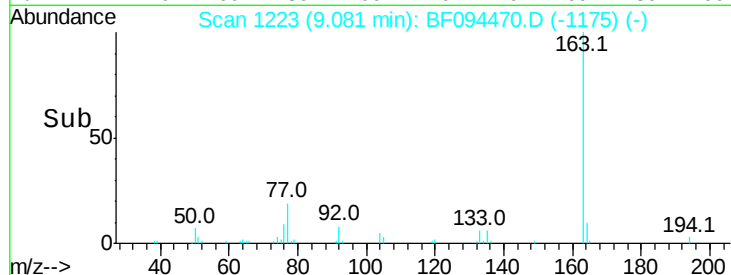
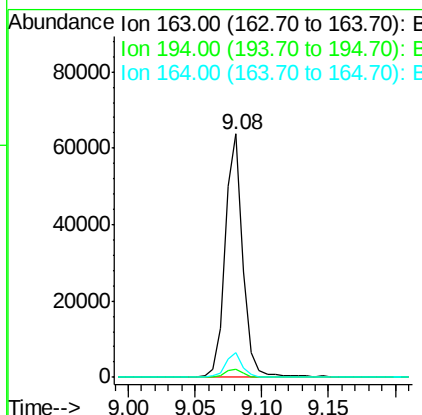
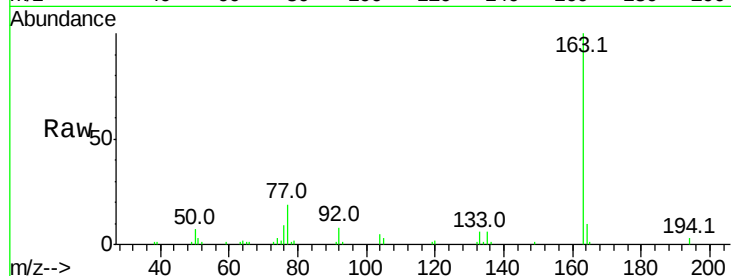




#49
Dimethylphthalate
Concen: 2.87 ng
RT: 9.08 min Scan# 1223
Delta R.T. -0.02 min
Lab File: BF094470.D
Acq: 18 Apr 2017 00:48

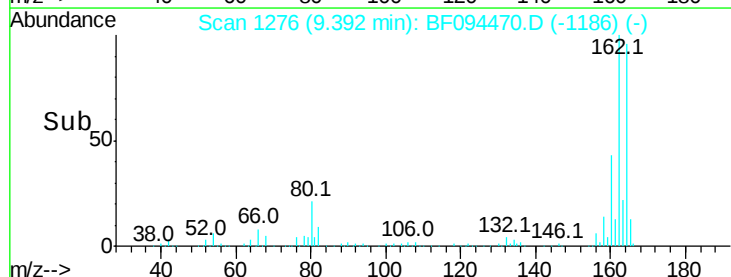
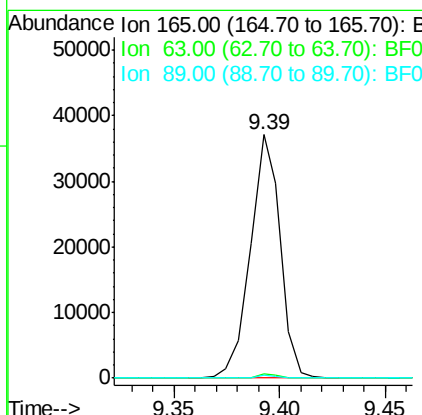
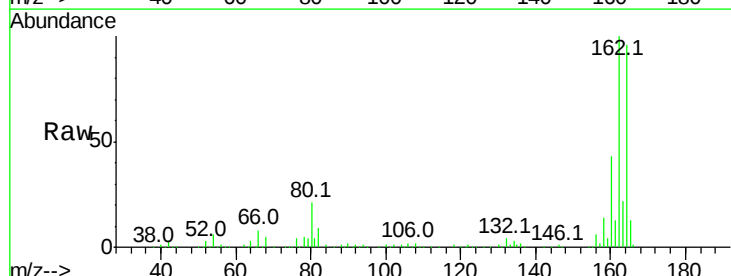
Instrument :
BNA_F
ClientSampleId :

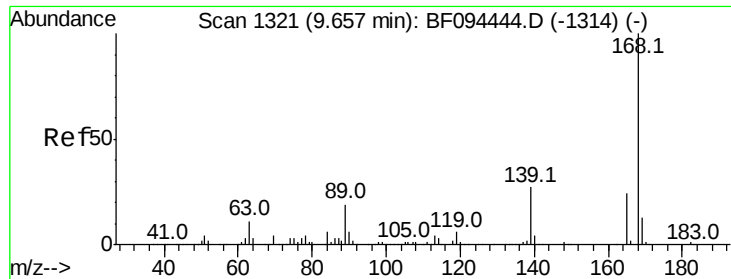
Tot Ion:163 Resp: 59653
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 9.9 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 7.81 ng
RT: 9.39 min Scan# 1276
Delta R.T. 0.23 min
Lab File: BF094470.D
Acq: 18 Apr 2017 00:48

Tgt Ion:165 Resp: 36384
Ion Ratio Lower Upper
165 100
63 1.6 34.3 51.5#
89 1.0 37.1 55.7#

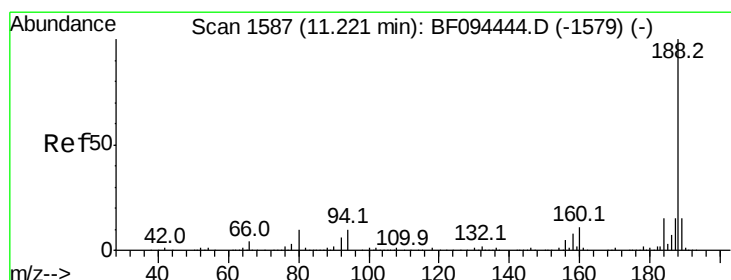
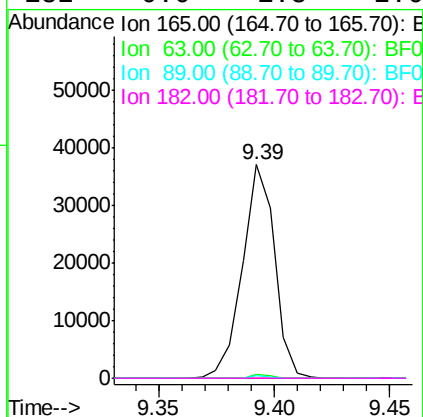
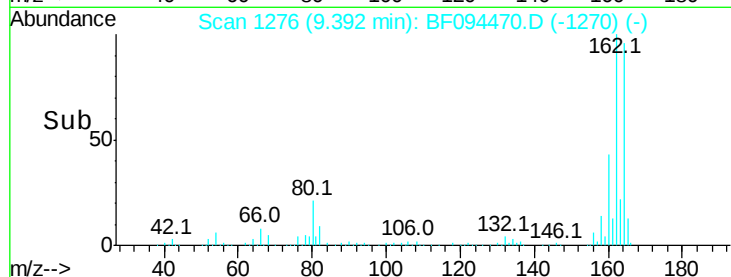
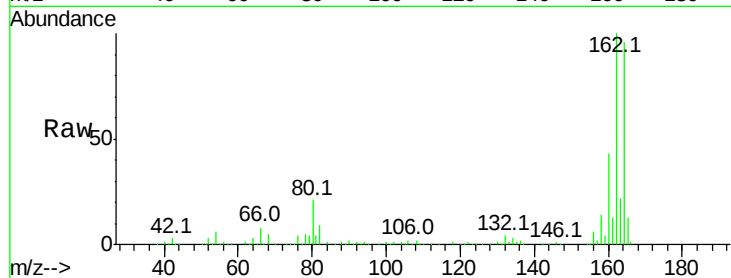




#56
 2,4-Dinitrotoluene
 Concen: 6.36 ng
 RT: 9.39 min Scan# 1276
 Delta R.T. -0.26 min
 Lab File: BF094470.D
 Acq: 18 Apr 2017 00:48

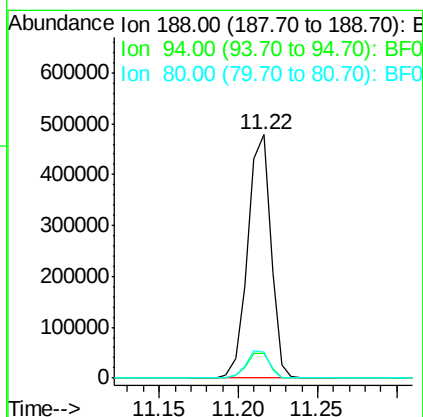
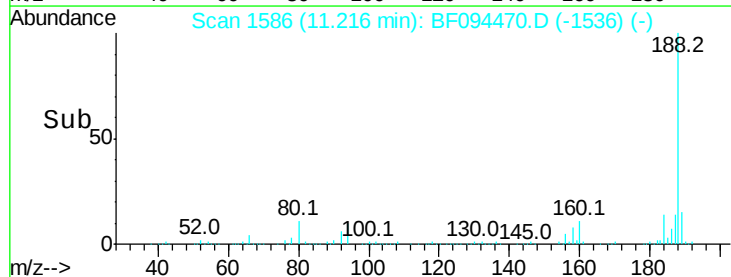
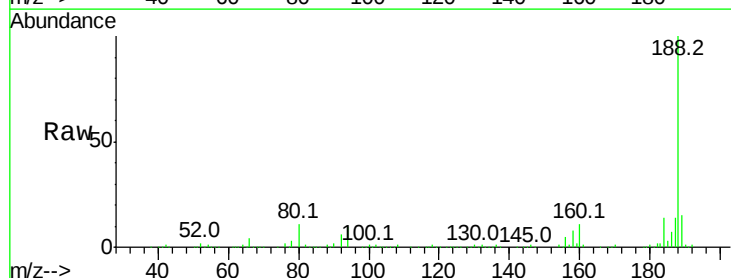
Instrument :
 BNA_F
 ClientSampled :

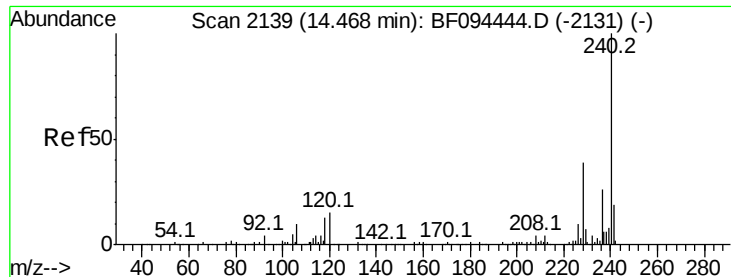
Tot Ion:165 Resp: 36384
 Ion Ratio Lower Upper
 165 100
 63 1.6 25.4 38.0#
 89 1.0 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.22 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BF094470.D
 Acq: 18 Apr 2017 00:48

Tgt Ion:188 Resp: 486924
 Ion Ratio Lower Upper
 188 100
 94 10.4 9.4 14.2
 80 10.9 10.2 15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.46 min Scan# 2137

Delta R.T. -0.01 min

Lab File: BF094470.D

Acq: 18 Apr 2017 00:48

Instrument :

BNA_F

ClientSampleId :

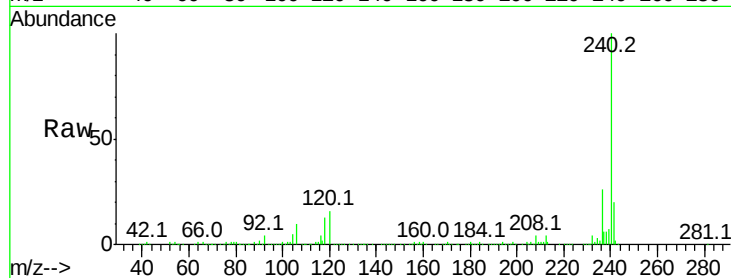
Tot Ion:240 Resp: 321876

Ion Ratio Lower Upper

240 100

120 16.1 5.8 8.8#

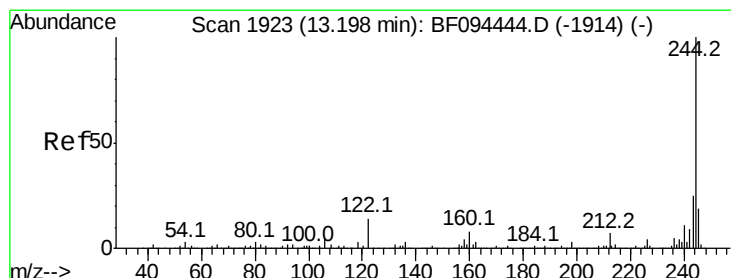
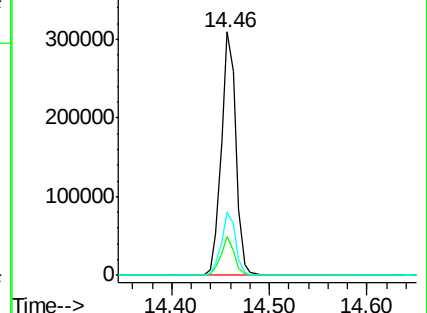
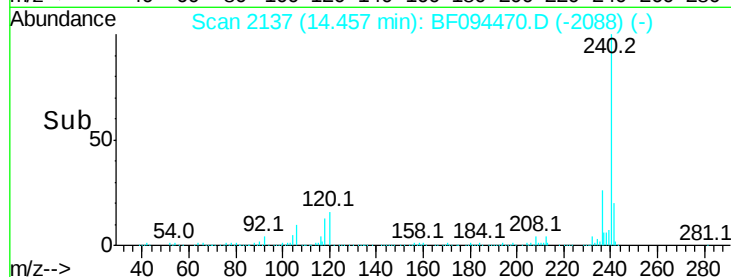
236 25.8 20.5 30.7



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: 10.33 ng

RT: 13.19 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BF094470.D

Acq: 18 Apr 2017 00:48

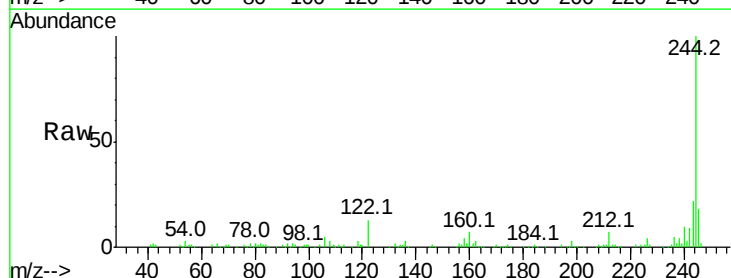
Tgt Ion:244 Resp: 124413

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

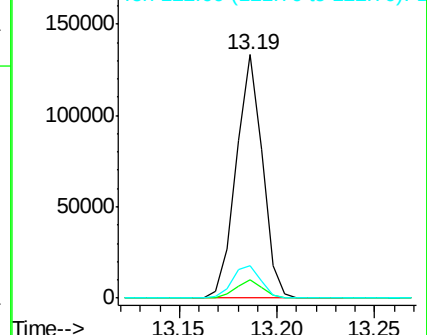
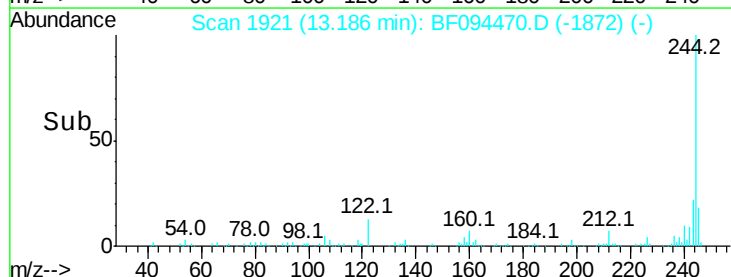
122 13.3 10.3 15.5

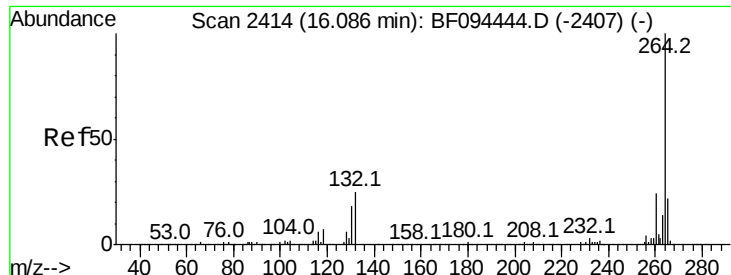


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2413
 Delta R.T. -0.01 min
 Lab File: BF094470.D
 Acq: 18 Apr 2017 00:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	253317
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	21.1	17.2	25.8

