

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041117\
 Data File : BF094374.D
 Acq On : 12 Apr 2017 2:18
 Operator : SJ/MA
 Sample : I2598-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-25-S1(0-2)

Quant Time: Apr 12 05:00:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

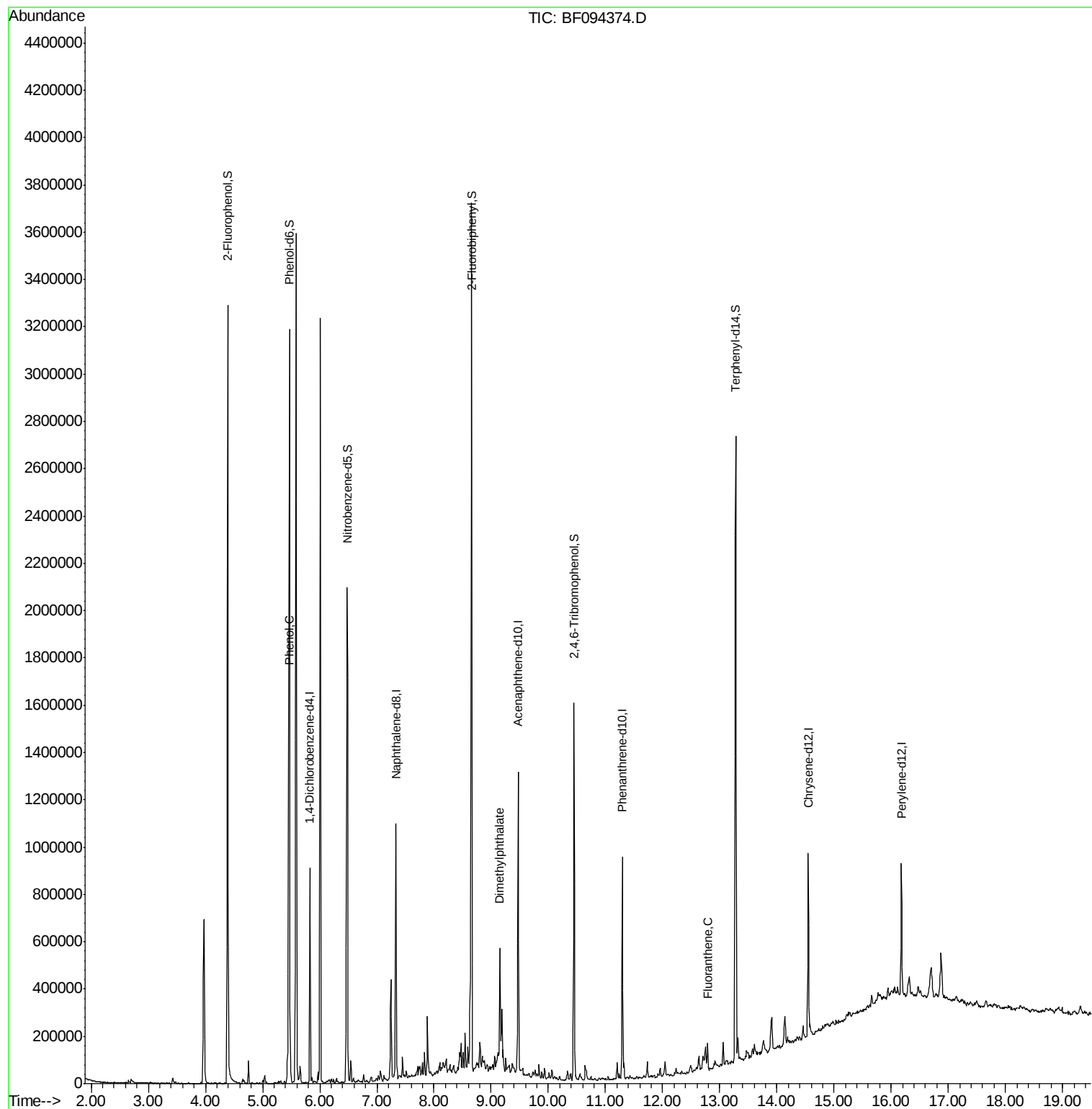
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.83	152	146162	20.00	ng	-0.03
21) Naphthalene-d8	7.33	136	567310	20.00	ng	-0.03
38) Acenaphthene-d10	9.47	164	235750	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	386447	20.00	ng	-0.02
75) Chrysene-d12	14.55	240	297018	20.00	ng	-0.02
86) Perylene-d12	16.18	264	227144	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.39	112	1073306	124.03	ng	0.00
7) Phenol-d6	5.47	99	1449036	135.36	ng	0.00
23) Nitrobenzene-d5	6.48	82	913699	91.91	ng	-0.03
41) 2,4,6-Tribromophenol	10.45	330	193830	104.05	ng	-0.02
44) 2-Fluorobiphenyl	8.66	172	1467391	94.94	ng	-0.03
78) Terphenyl-d14	13.28	244	953384	71.95	ng	-0.02
Target Compounds						
10) Phenol	5.48	94	70984	5.83	ng	87
49) Dimethylphthalate	9.15	163	189772	11.32	ng	99
74) Fluoranthene	12.79	202	45120	2.05	ng	99

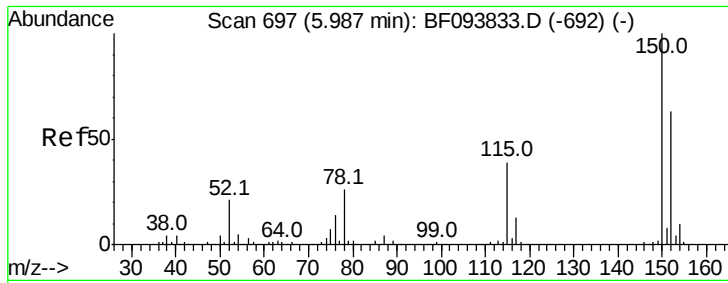
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.83 min Scan# 670

Delta R.T. -0.03 min

Lab File: BF094374.D

Acq: 12 Apr 2017 2:18

Instrument :

BNA_F

ClientSampleId :

B-25-S1(0-2)

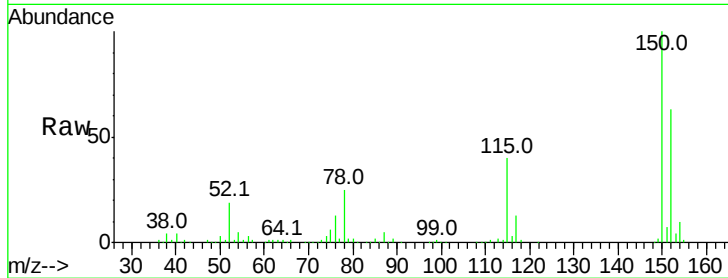
Tot Ion:152 Resp: 146162

Ion Ratio Lower Upper

152 100

150 159.8 126.2 189.2

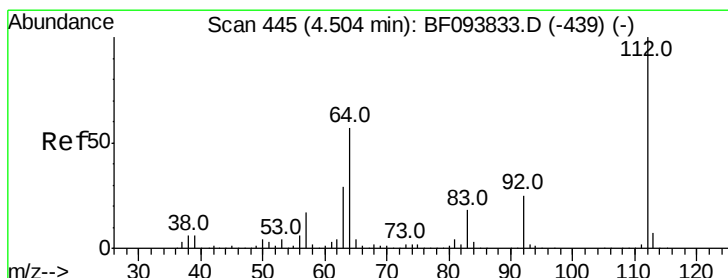
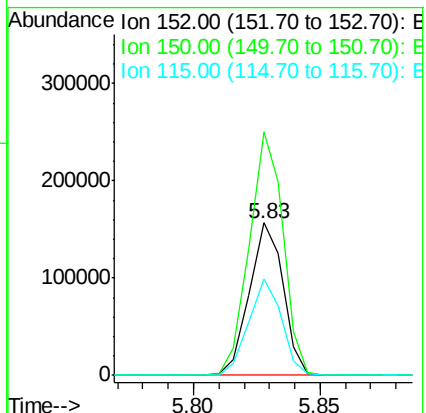
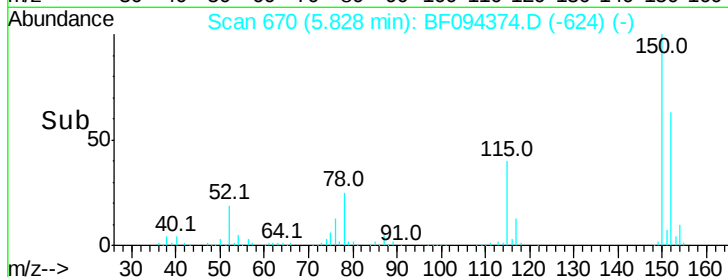
115 63.4 52.2 78.2



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: 124.03 ng

RT: 4.39 min Scan# 426

Delta R.T. 0.01 min

Lab File: BF094374.D

Acq: 12 Apr 2017 2:18

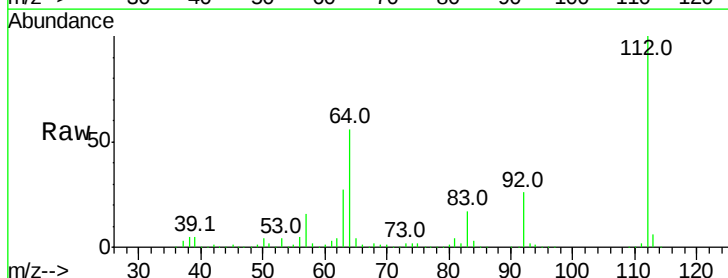
Tgt Ion:112 Resp: 1073306

Ion Ratio Lower Upper

112 100

64 55.7 46.0 69.0

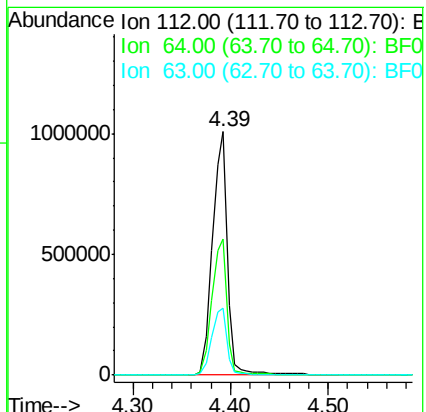
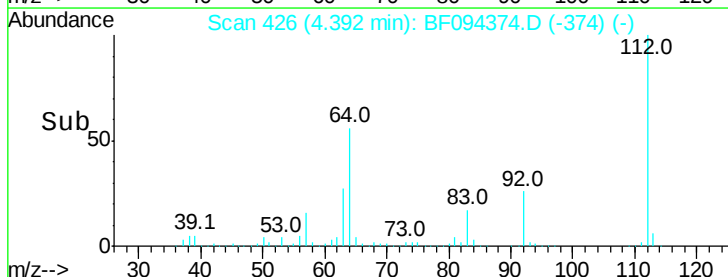
63 27.3 23.4 35.0

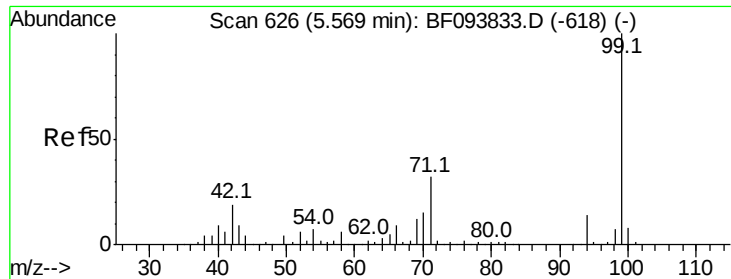


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 135.36 ng

RT: 5.47 min Scan# 609

Delta R.T. 0.01 min

Lab File: BF094374.D

Acq: 12 Apr 2017 2:18

Instrument :

BNA_F

ClientSampleId :

B-25-S1(0-2)

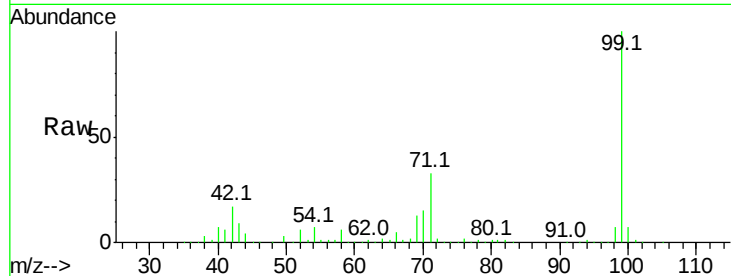
Tot Ion: 99 Resp: 1449036

Ion Ratio Lower Upper

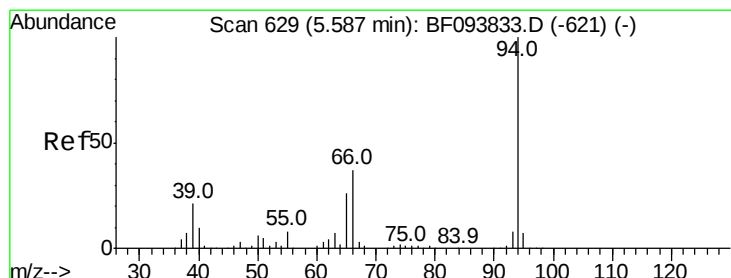
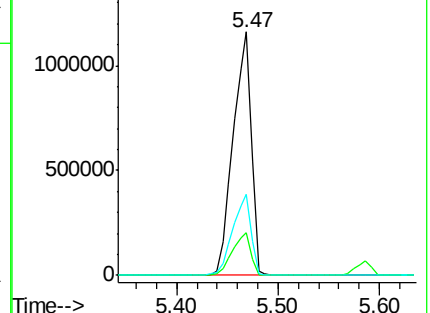
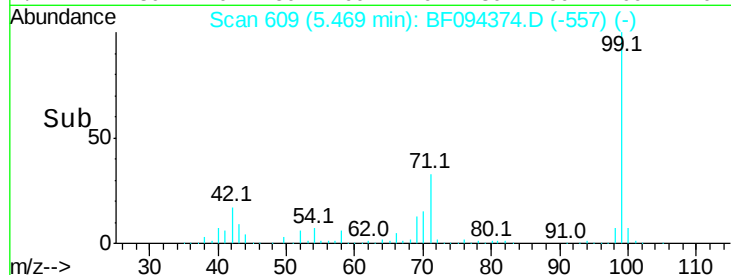
99 100

42 17.5 13.5 20.3

71 33.2 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



#10

Phenol

Concen: 5.83 ng

RT: 5.48 min Scan# 611

Delta R.T. -0.00 min

Lab File: BF094374.D

Acq: 12 Apr 2017 2:18

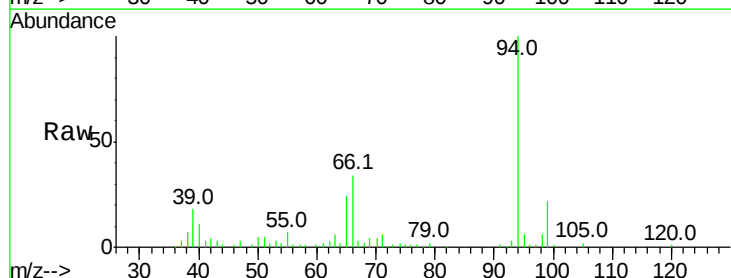
Tgt Ion: 94 Resp: 70984

Ion Ratio Lower Upper

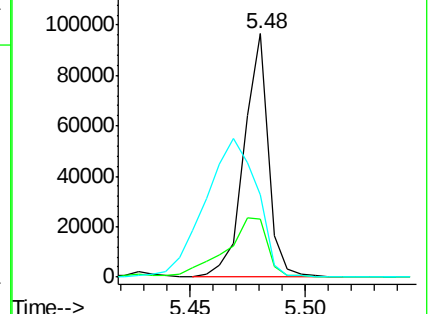
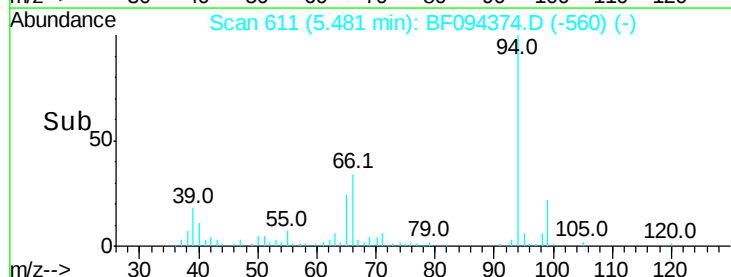
94 100

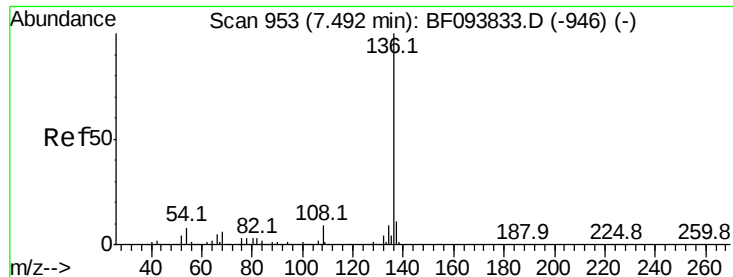
65 23.7 9.9 49.9

66 33.9 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.33 min Scan# 926

Delta R.T. -0.03 min

Lab File: BF094374.D

Acq: 12 Apr 2017 2:18

Instrument :

BNA_F

ClientSampleId :

B-25-S1(0-2)

Tot Ion:136 Resp: 567310

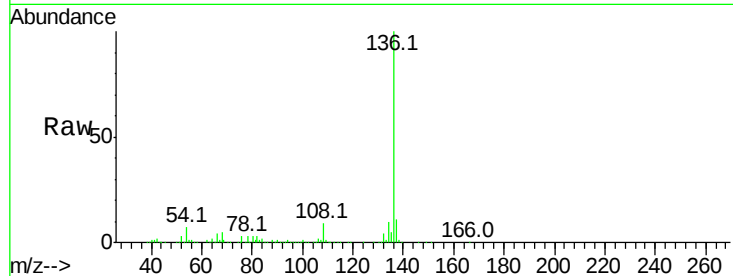
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.7 4.9 7.3

68 5.2 4.1 6.1

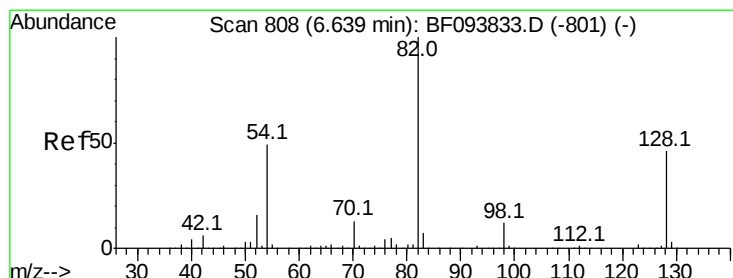
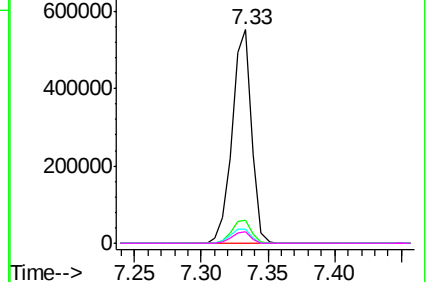
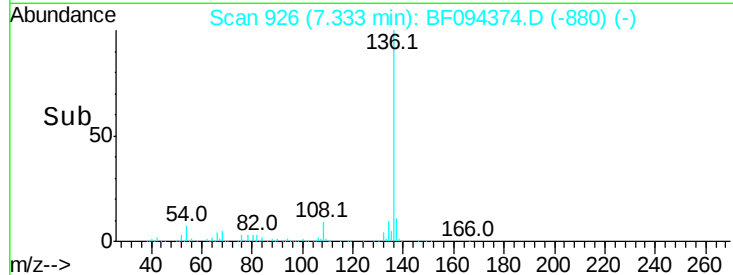


Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.91 ng

RT: 6.48 min Scan# 781

Delta R.T. -0.03 min

Lab File: BF094374.D

Acq: 12 Apr 2017 2:18

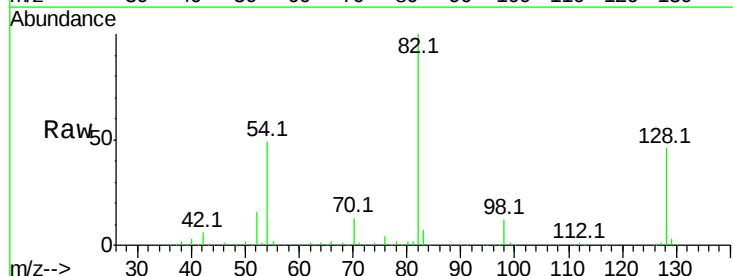
Tgt Ion: 82 Resp: 913699

Ion Ratio Lower Upper

82 100

128 45.9 34.0 51.0

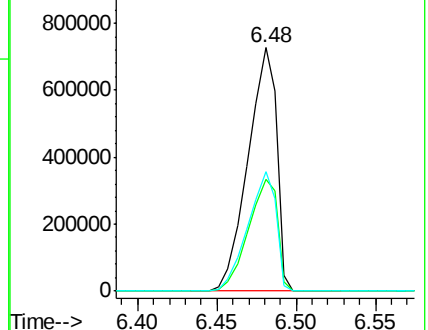
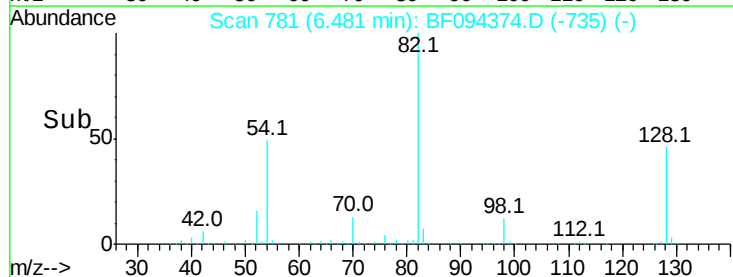
54 49.2 42.2 63.2

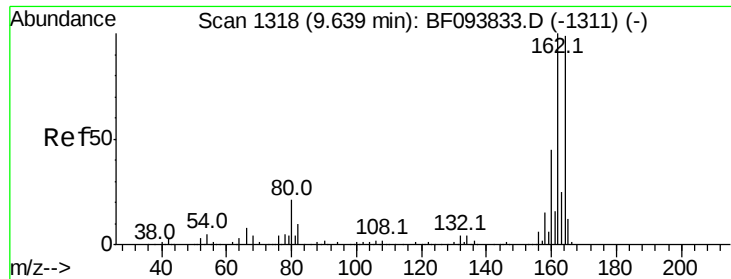


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

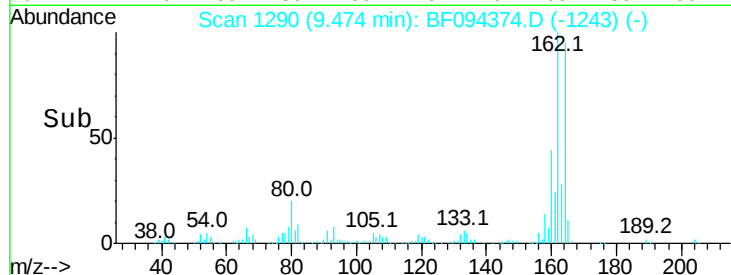
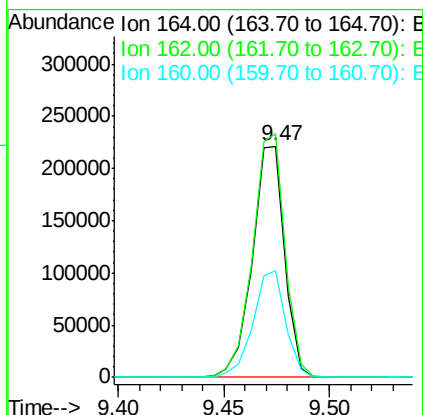
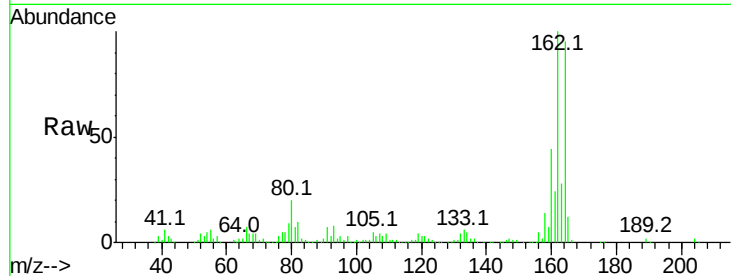




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.02 min
 Lab File: BF094374.D
 Acq: 12 Apr 2017 2:18

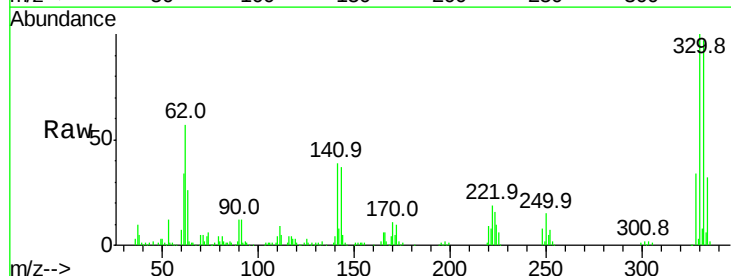
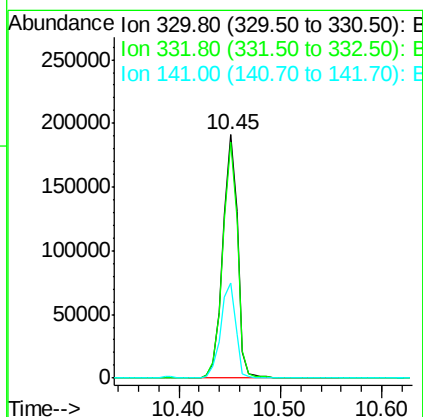
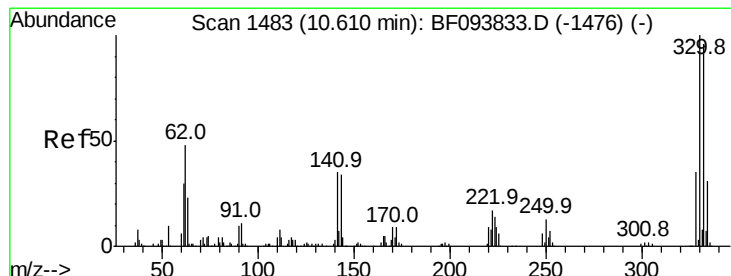
Instrument :
 BNA_F
 ClientSampleId :
 B-25-S1(0-2)

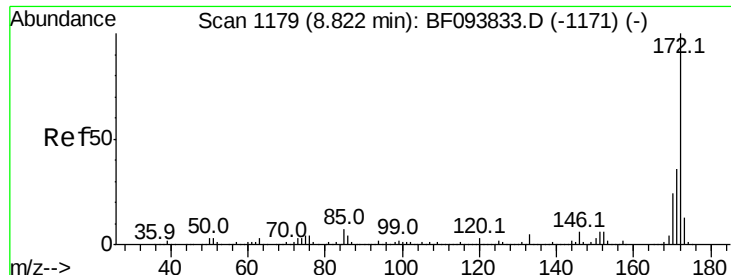
Tot Ion:164 Resp: 235750
 Ion Ratio Lower Upper
 164 100
 162 105.2 82.6 123.8
 160 45.8 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 104.05 ng
 RT: 10.45 min Scan# 1456
 Delta R.T. -0.02 min
 Lab File: BF094374.D
 Acq: 12 Apr 2017 2:18

Tgt Ion:330 Resp: 193830
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 115.0
 141 40.8 31.4 47.2



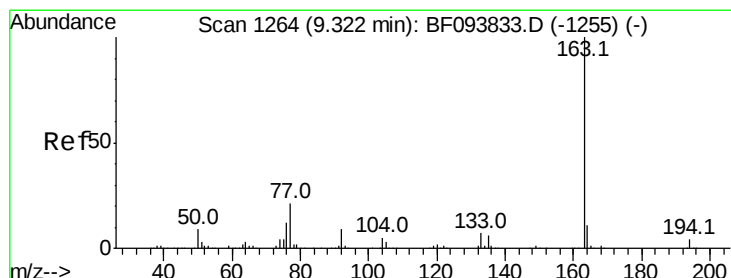
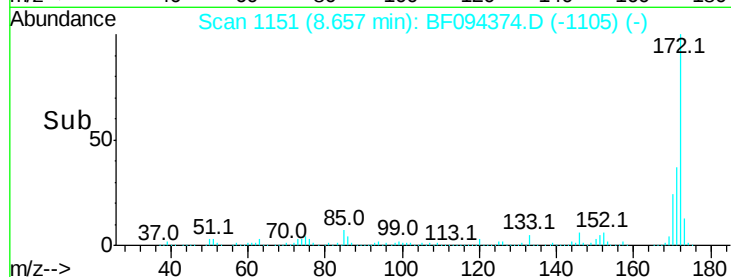
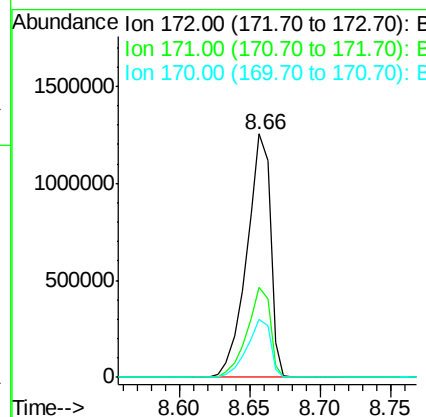
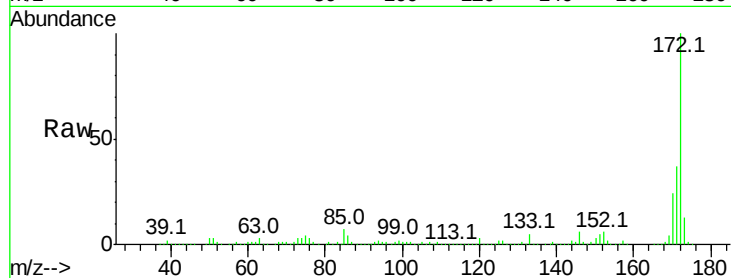


#44
 2-Fluorobiphenyl
 Concen: 94.94 ng
 RT: 8.66 min Scan# 1151
 Delta R.T. -0.03 min
 Lab File: BF094374.D
 Acq: 12 Apr 2017 2:18

Instrument :
 BNA_F
 ClientSampleId :
 B-25-S1(0-2)

Tot Ion:172 Resp: 1467391

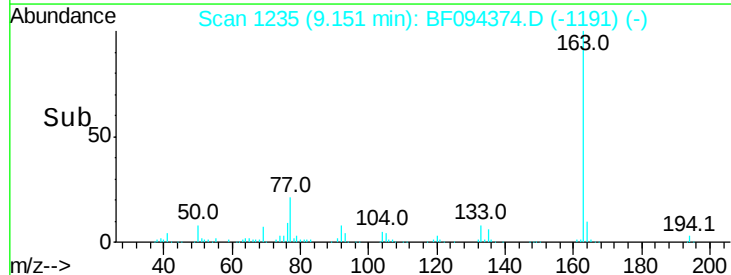
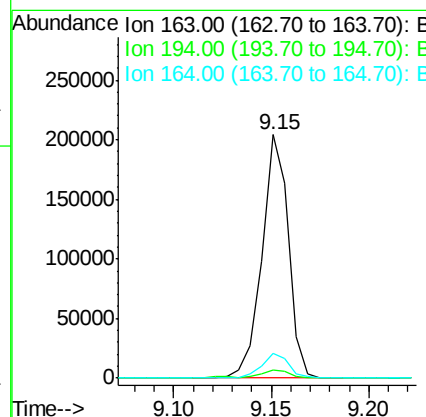
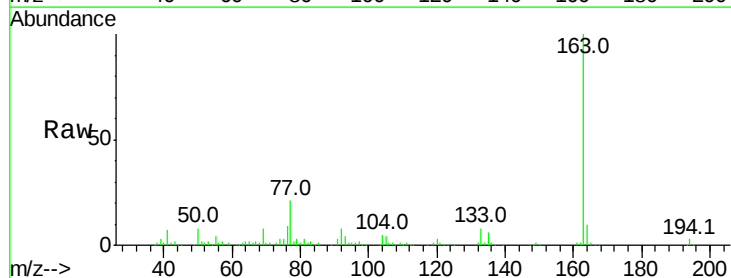
Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	23.9	19.8	29.8

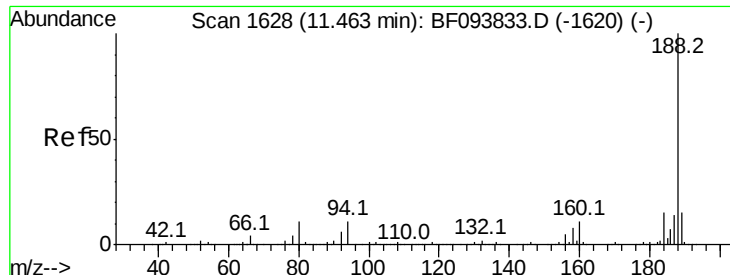


#49
 Dimethylphthalate
 Concen: 11.32 ng
 RT: 9.15 min Scan# 1235
 Delta R.T. -0.04 min
 Lab File: BF094374.D
 Acq: 12 Apr 2017 2:18

Tgt Ion:163 Resp: 189772

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.0	8.4	12.6

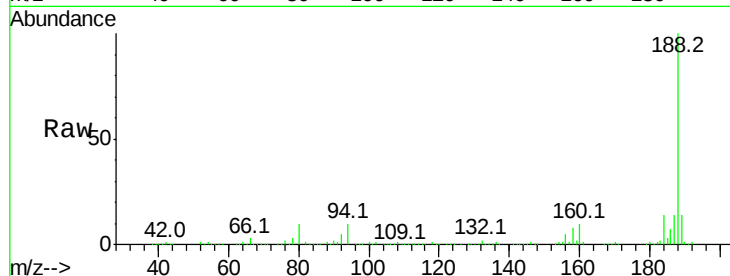




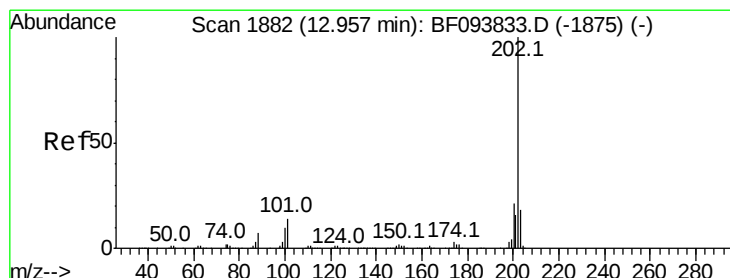
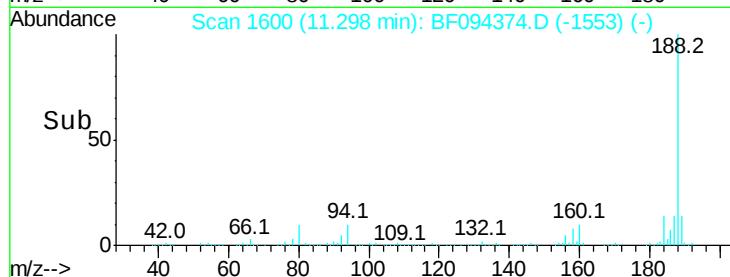
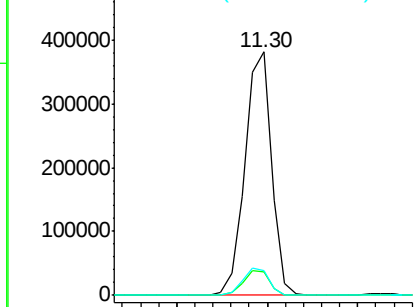
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 1600
Delta R.T. -0.02 min
Lab File: BF094374.D
Acq: 12 Apr 2017 2:18

Instrument :
BNA_F
ClientSampleId :
B-25-S1(0-2)

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.9	9.4	14.2
80	10.3	10.2	15.2

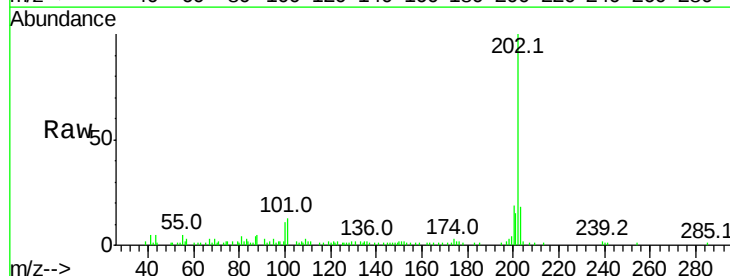


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

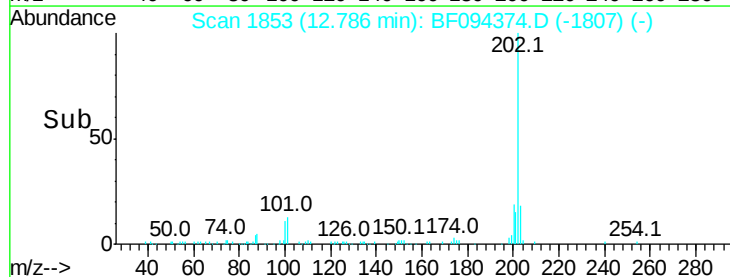
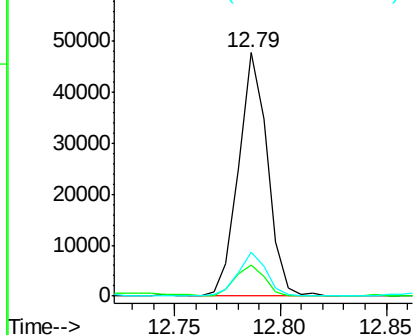


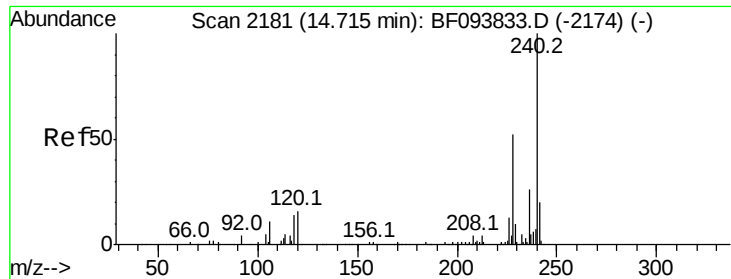
#74
Fluoranthene
Concen: 2.05 ng
RT: 12.79 min Scan# 1853
Delta R.T. -0.03 min
Lab File: BF094374.D
Acq: 12 Apr 2017 2:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	33.2
203	18.2	0.0	38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.55 min Scan# 2153

Delta R.T. -0.02 min

Lab File: BF094374.D

Acq: 12 Apr 2017 2:18

Instrument :

BNA_F

ClientSampleId :

B-25-S1(0-2)

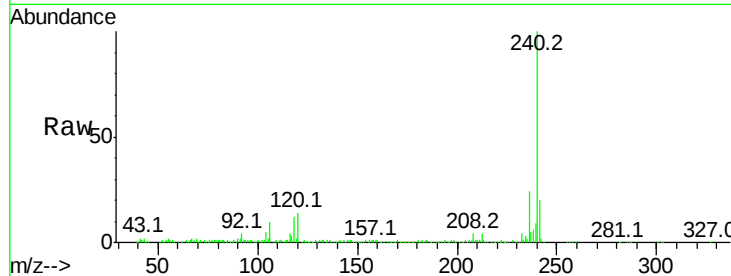
Tot Ion:240 Resp: 297018

Ion Ratio Lower Upper

240 100

120 14.0 5.8 8.8#

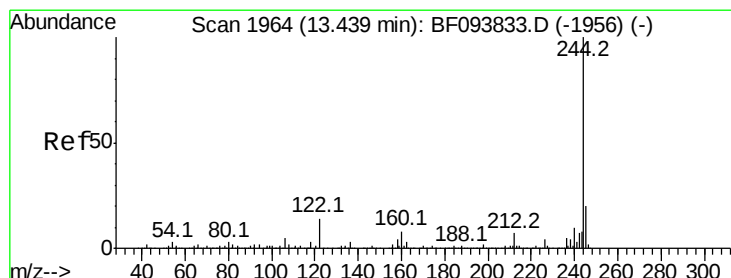
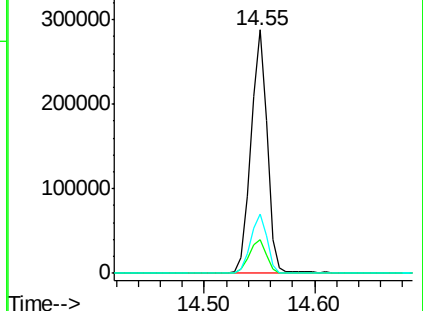
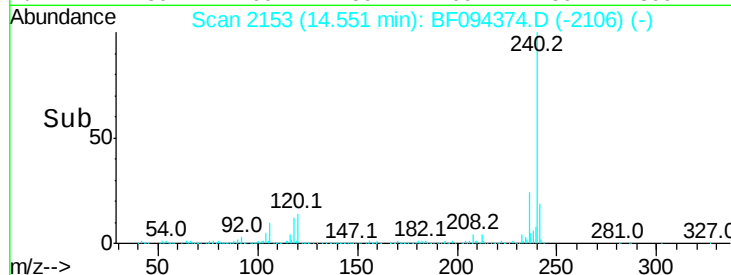
236 24.3 20.5 30.7



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: 71.95 ng

RT: 13.28 min Scan# 1937

Delta R.T. -0.02 min

Lab File: BF094374.D

Acq: 12 Apr 2017 2:18

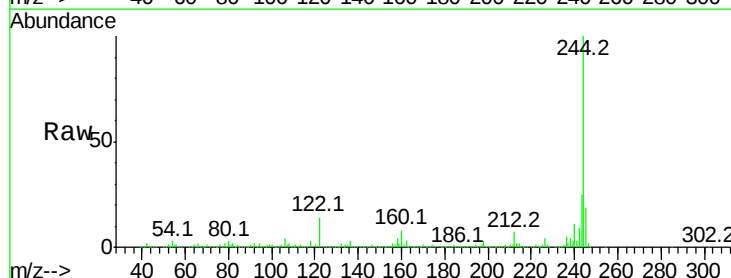
Tgt Ion:244 Resp: 953384

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

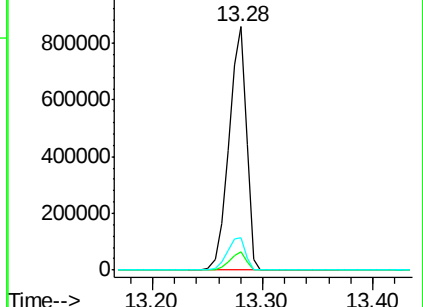
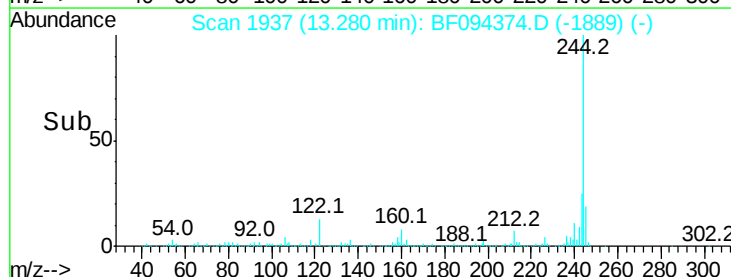
122 13.5 10.3 15.5

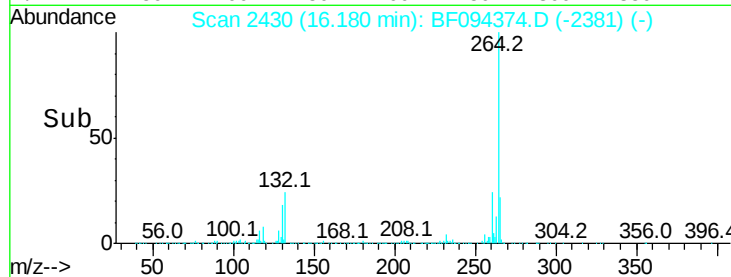
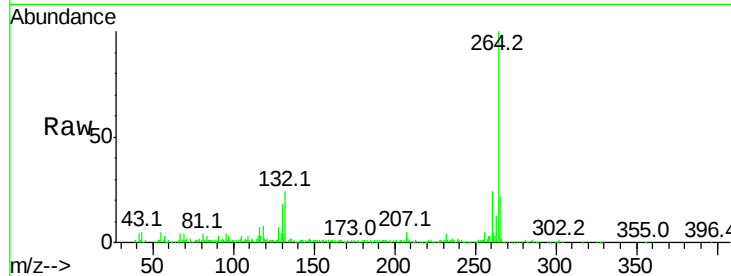
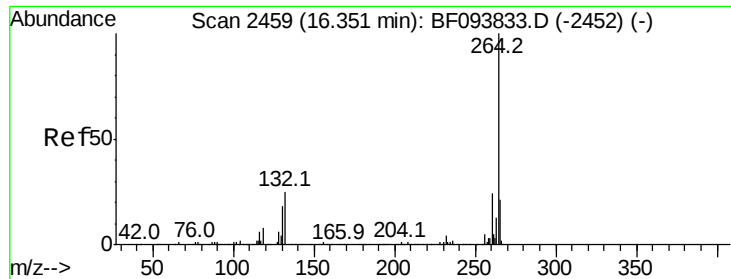


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.18 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BF094374.D
Acq: 12 Apr 2017 2:18

Instrument :
BNA_F
ClientSampleId :
B-25-S1(0-2)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	22.2	17.2	25.8

