

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
 Data File : BF094344.D
 Acq On : 11 Apr 2017 7:48
 Operator : SJ/MA
 Sample : I2598-09
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 11 08:10:39 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

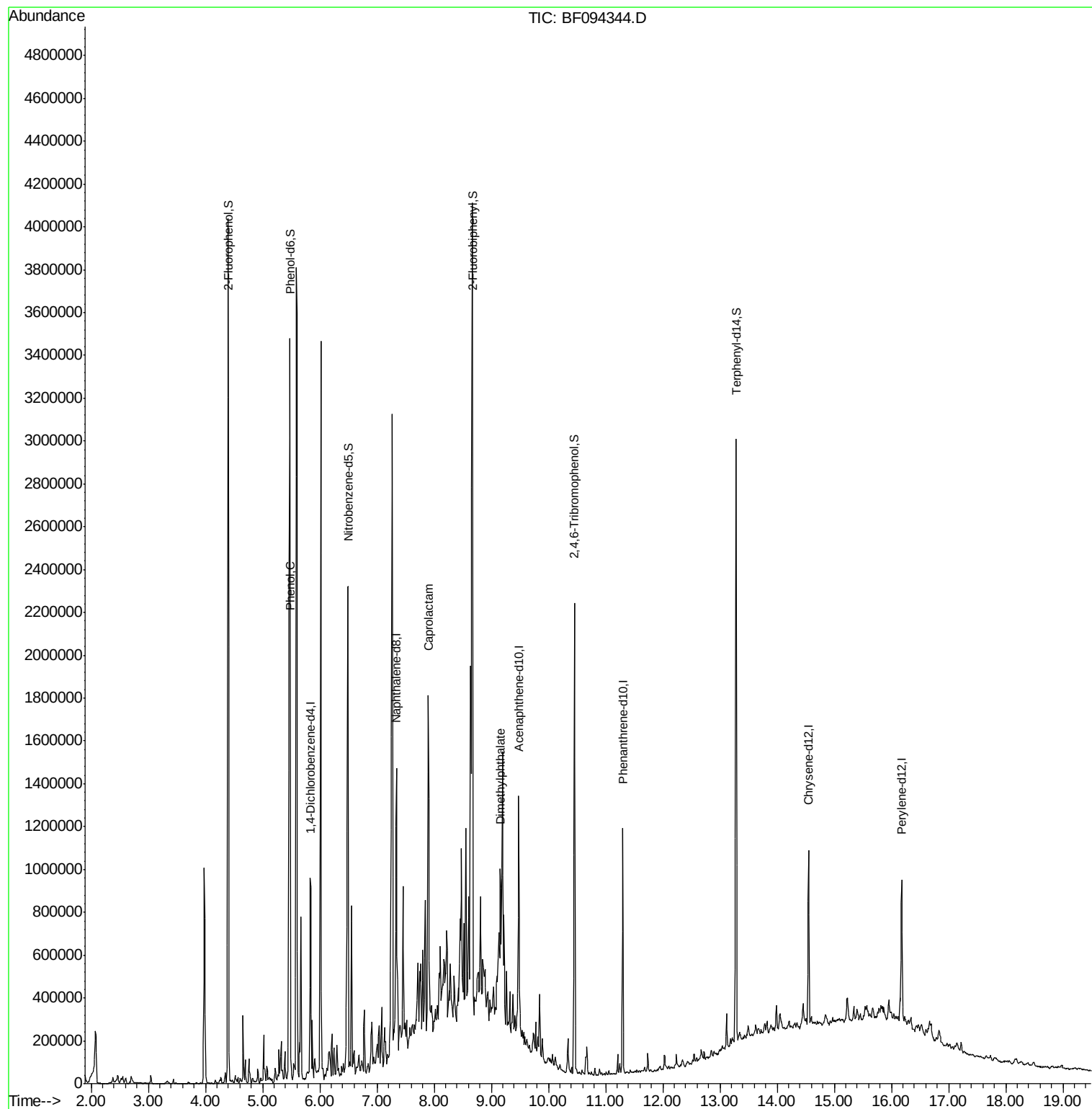
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.83	152	155795	20.00	ng	-0.02
21) Naphthalene-d8	7.34	136	595448	20.00	ng	-0.02
38) Acenaphthene-d10	9.47	164	260605	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	431514	20.00	ng	-0.02
75) Chrysene-d12	14.55	240	312259	20.00	ng	-0.02
86) Perylene-d12	16.18	264	259659	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	1296018	140.50	ng	0.01
7) Phenol-d6	5.47	99	1644197	144.09	ng	0.01
23) Nitrobenzene-d5	6.49	82	1030680	98.78	ng	-0.02
41) 2,4,6-Tribromophenol	10.46	330	312381	151.69	ng	-0.02
44) 2-Fluorobiphenyl	8.67	172	1588137	92.95	ng	-0.02
78) Terphenyl-d14	13.29	244	1140991	81.90	ng	-0.01
Target Compounds						
10) Phenol	5.49	94	97089	7.48	ng	Qvalue 84
35) Caprolactam	7.90	113	38880	15.42	ng	# 32
49) Dimethylphthalate	9.16	163	287058	15.50	ng	99

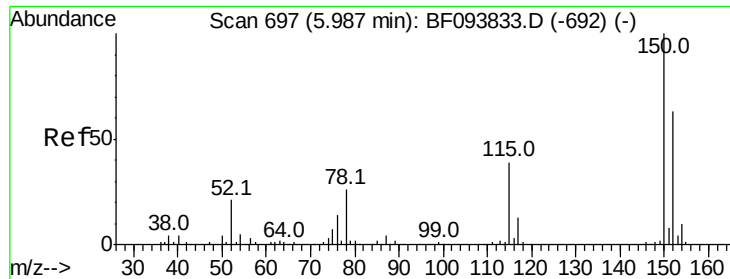
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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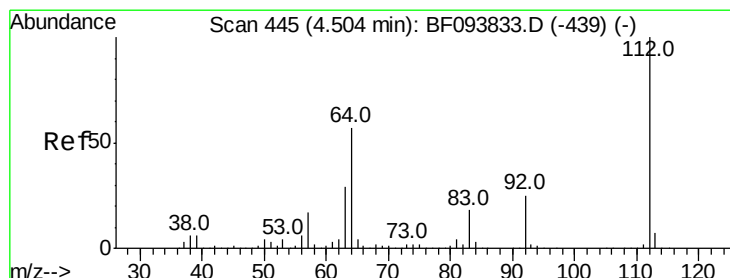
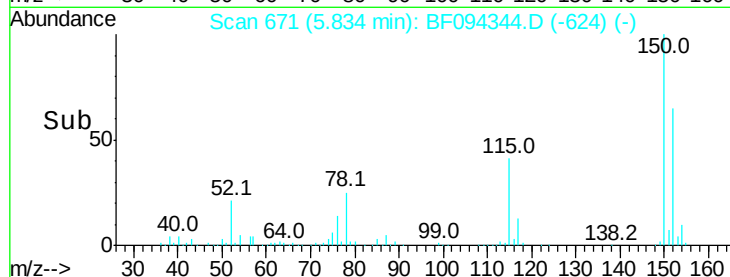
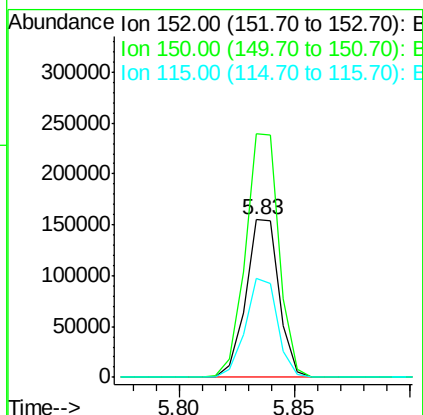
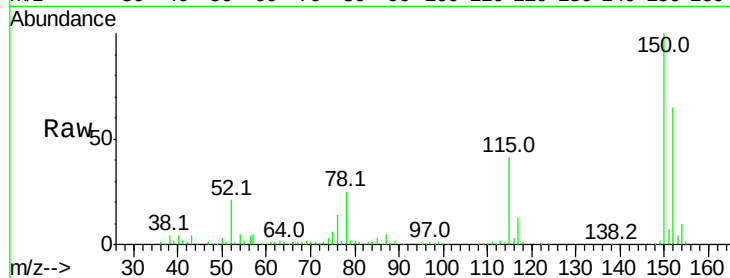


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.83 min Scan# 671
Delta R.T. -0.02 min
Lab File: BF094344.D
Acq: 11 Apr 2017 7:48

Instrument :
BNA_F
ClientSampleId :

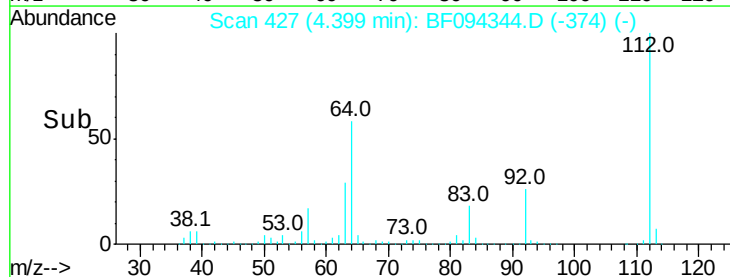
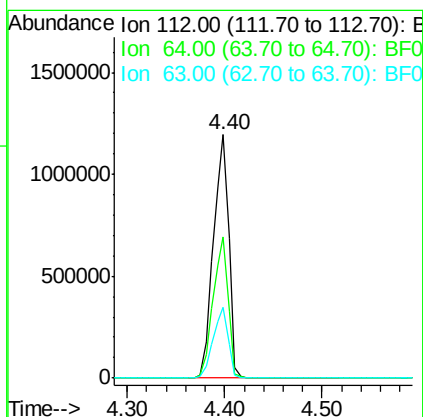
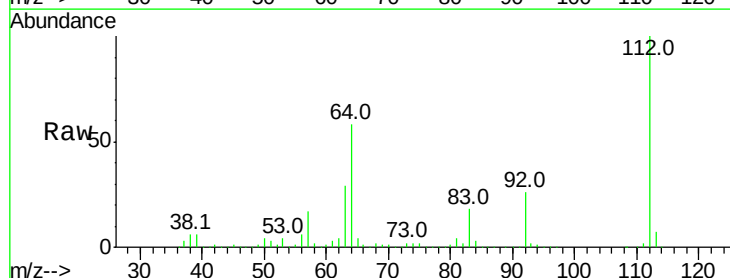
Tot Ion:152 Resp: 155795
Ion Ratio Lower Upper
152 100
150 154.6 126.2 189.2
115 63.1 52.2 78.2

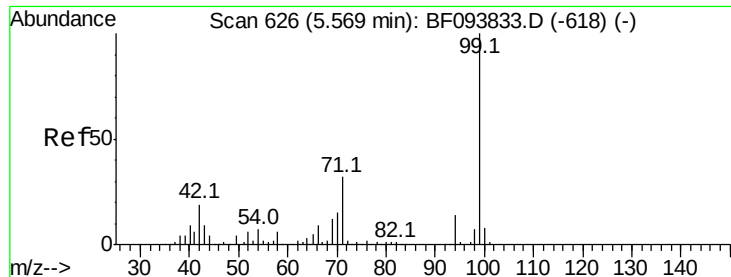


#5

2-Fluorophenol
Concen: 140.50 ng
RT: 4.40 min Scan# 427
Delta R.T. 0.01 min
Lab File: BF094344.D
Acq: 11 Apr 2017 7:48

Tgt Ion:112 Resp: 1296018
Ion Ratio Lower Upper
112 100
64 58.0 46.0 69.0
63 29.2 23.4 35.0





#7

Phenol-d6

Concen: 144.09 ng

RT: 5.47 min Scan# 610

Delta R.T. 0.01 min

Lab File: BF094344.D

Acq: 11 Apr 2017 7:48

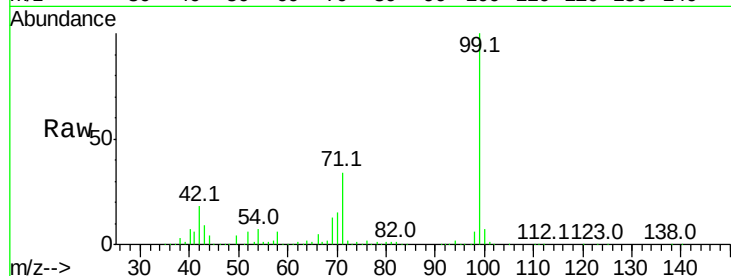
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1644197

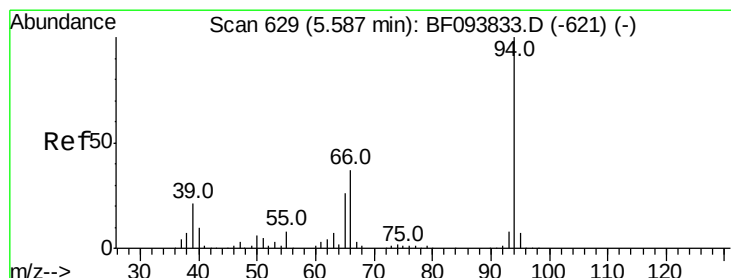
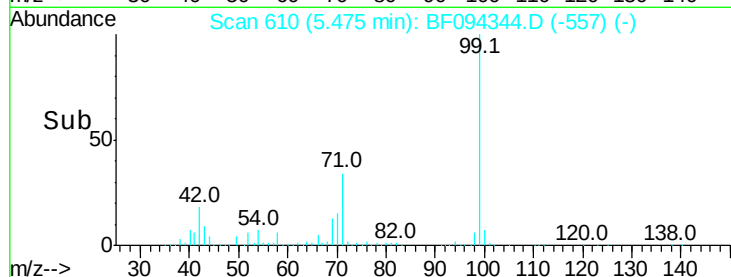
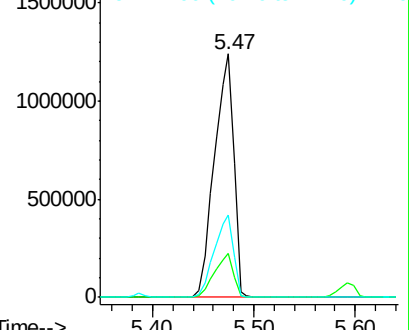
Ion	Ratio	Lower	Upper
99	100		
42	18.0	13.5	20.3
71	33.9	24.5	36.7



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: 7.48 ng

RT: 5.49 min Scan# 612

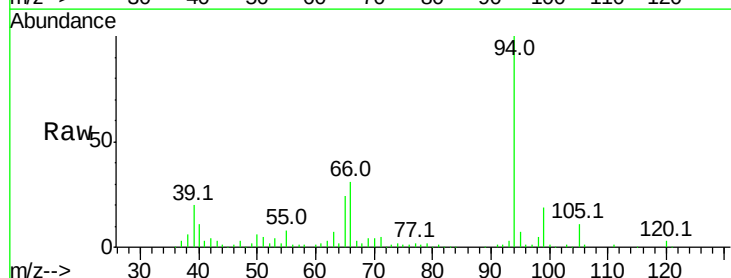
Delta R.T. 0.01 min

Lab File: BF094344.D

Acq: 11 Apr 2017 7:48

Tgt Ion: 94 Resp: 97089

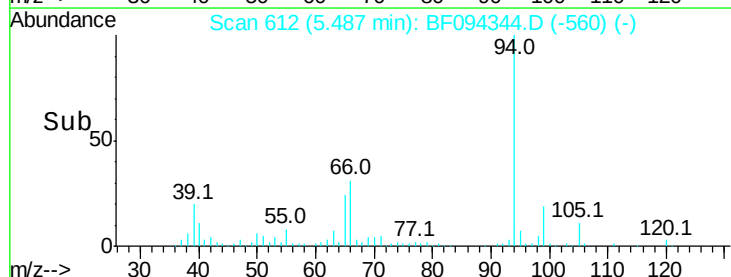
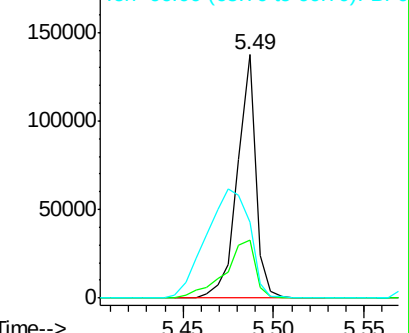
Ion	Ratio	Lower	Upper
94	100		
65	23.7	9.9	49.9
66	31.0	23.1	63.1

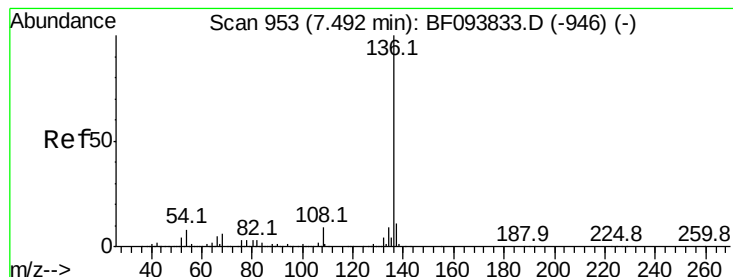


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 7.34 min Scan# 927

Delta R.T. -0.02 min

Lab File: BF094344.D

Acq: 11 Apr 2017 7:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 595448

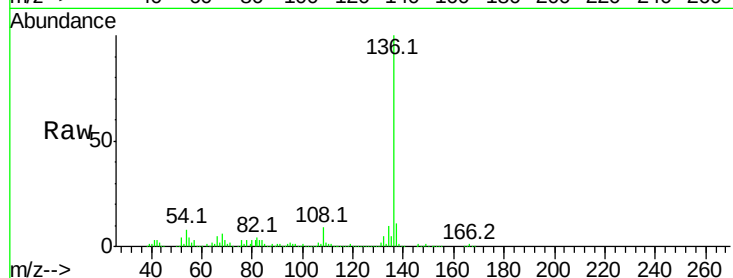
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.6 4.9 7.3#

68 6.4 4.1 6.1#

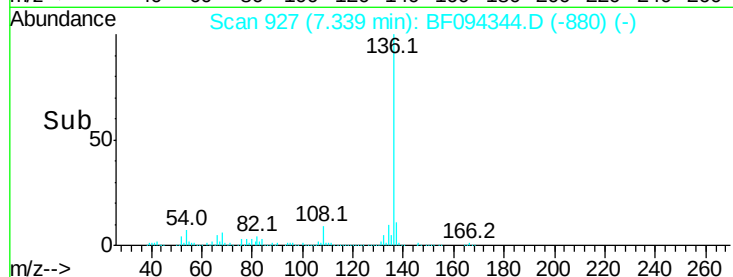


Abundance Ion 136.00 (135.70 to 136.70): E

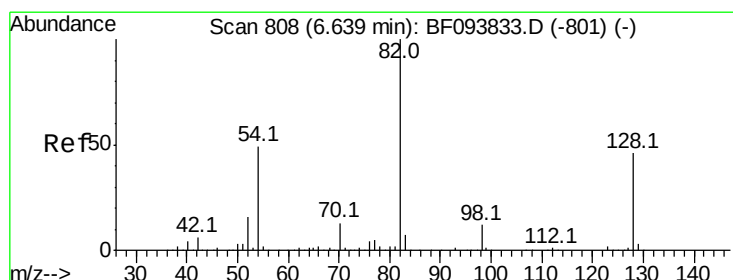
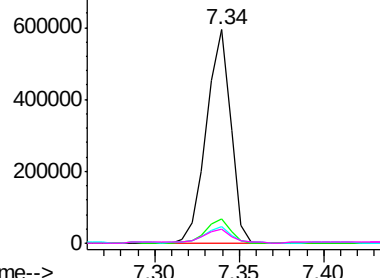
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 98.78 ng

RT: 6.49 min Scan# 782

Delta R.T. -0.02 min

Lab File: BF094344.D

Acq: 11 Apr 2017 7:48

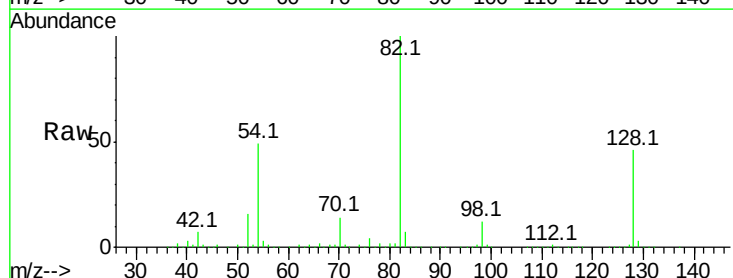
Tgt Ion: 82 Resp: 1030680

Ion Ratio Lower Upper

82 100

128 46.1 34.0 51.0

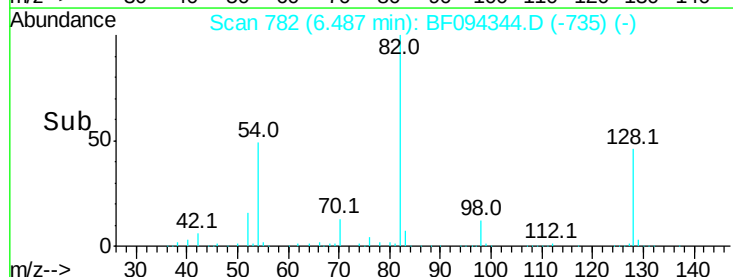
54 49.2 42.2 63.2



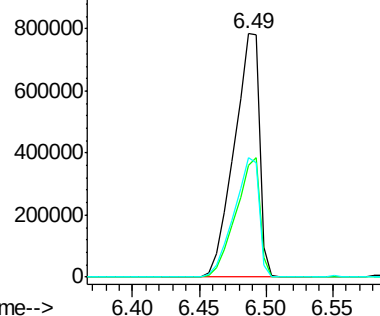
Abundance Ion 82.00 (81.70 to 82.70): BF0

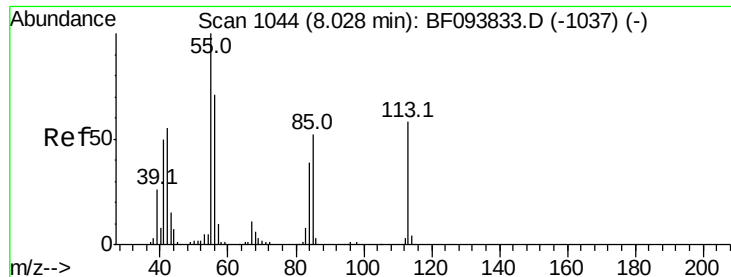
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#35

Caprolactam

Concen: 15.42 ng

RT: 7.90 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF094344.D

Acq: 11 Apr 2017 7:48

Instrument :

BNA_F

ClientSampled :

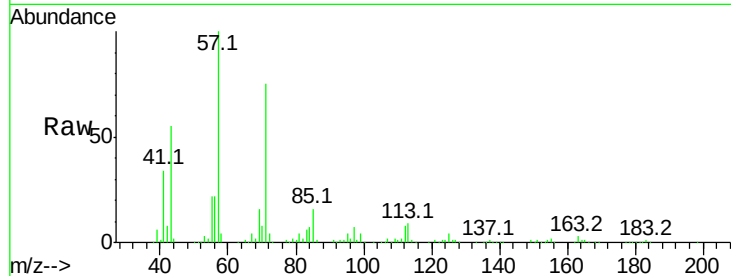
Tot Ion:113 Resp: 38880

Ion Ratio Lower Upper

113 100

55 238.7 150.2 190.2#

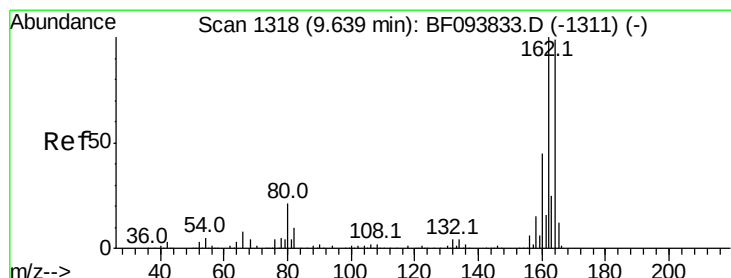
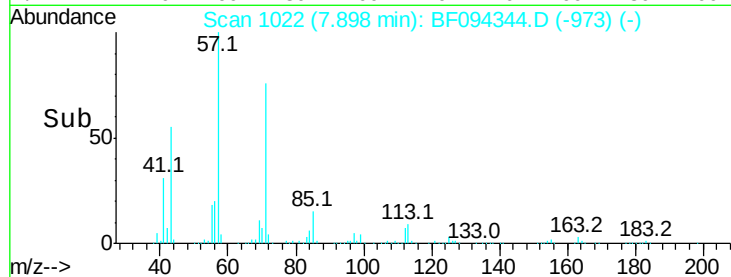
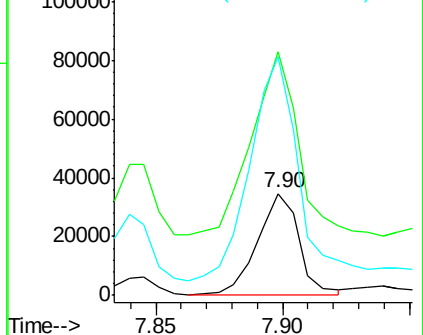
56 233.4 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.47 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BF094344.D

Acq: 11 Apr 2017 7:48

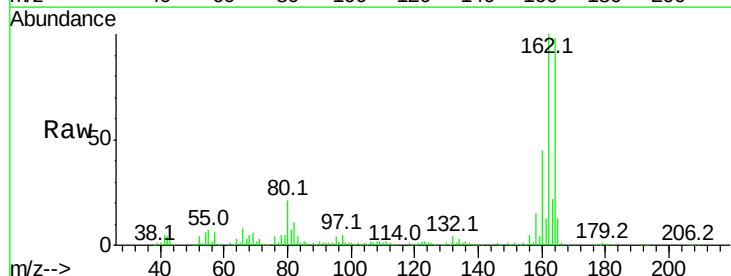
Tgt Ion:164 Resp: 260605

Ion Ratio Lower Upper

164 100

162 102.4 82.6 123.8

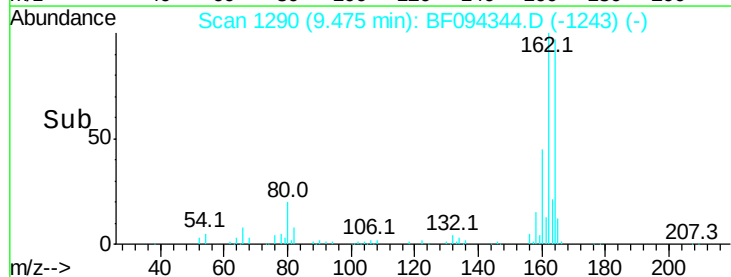
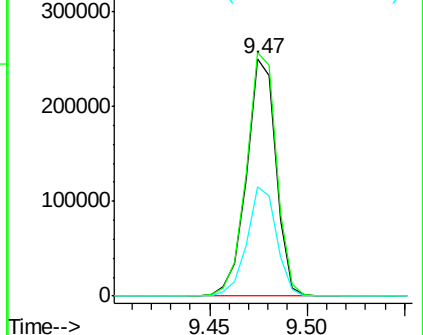
160 45.8 36.2 54.2

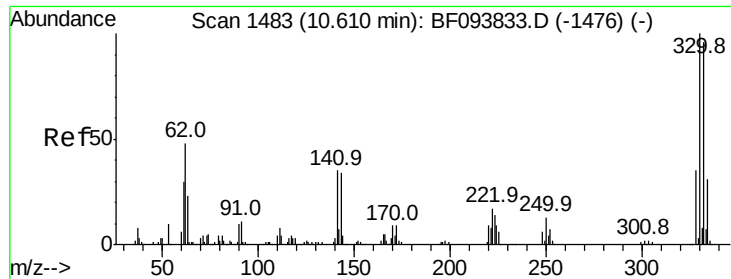


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

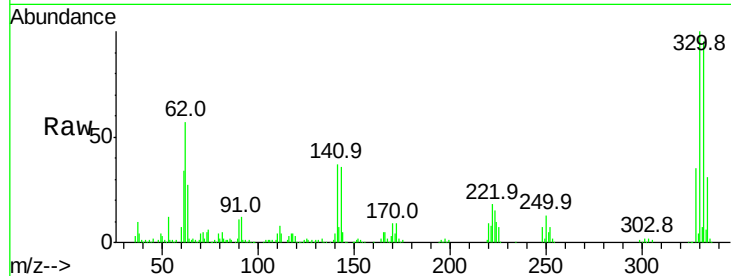




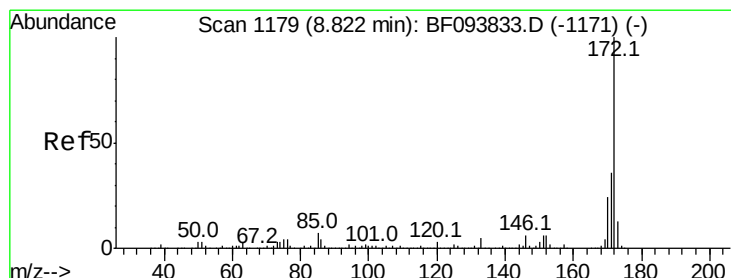
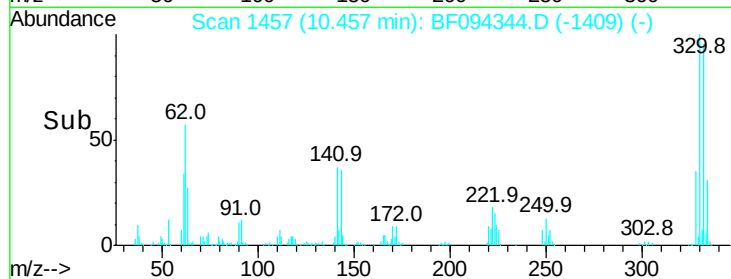
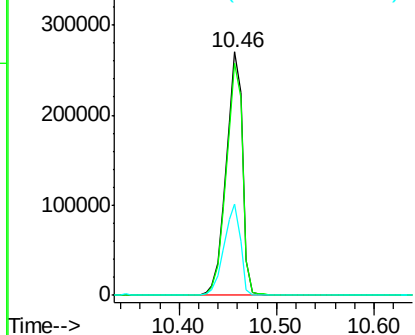
#41
 2,4,6-Tribromophenol
 Concen: 151.69 ng
 RT: 10.46 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF094344.D
 Acq: 11 Apr 2017 7:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	115.0
141	38.3	31.4	47.2

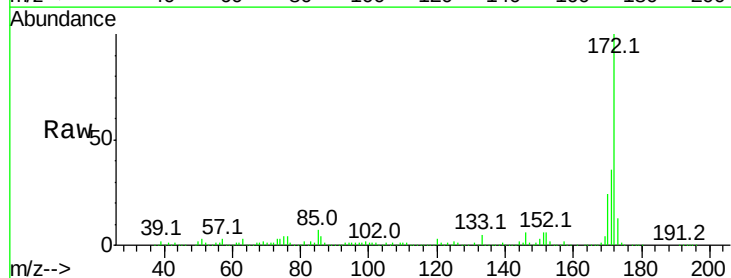


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

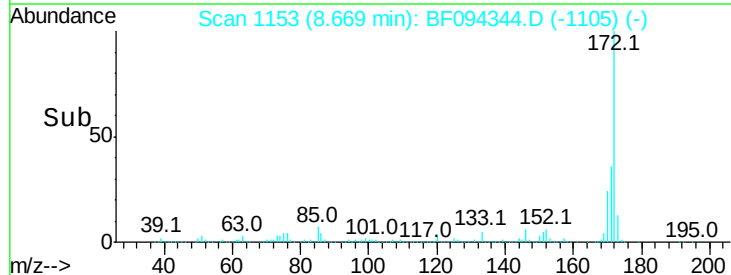
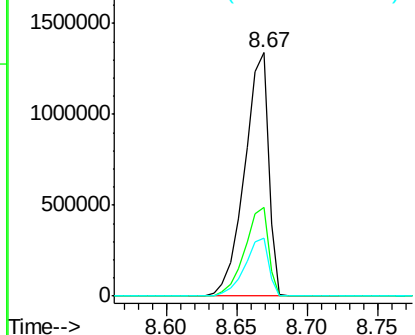


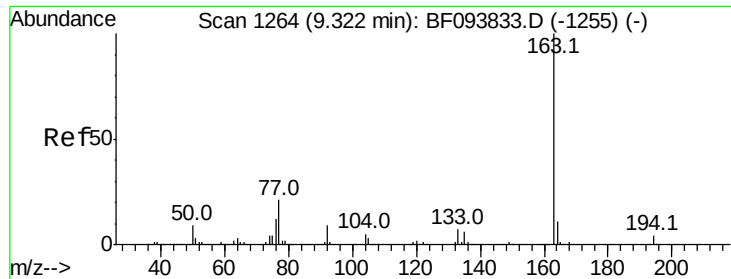
#44
 2-Fluorobiphenyl
 Concen: 92.95 ng
 RT: 8.67 min Scan# 1153
 Delta R.T. -0.02 min
 Lab File: BF094344.D
 Acq: 11 Apr 2017 7:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.1	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

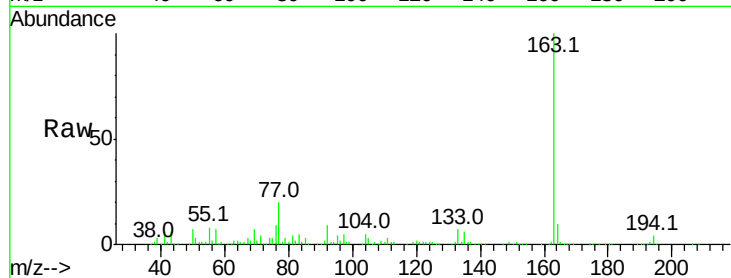




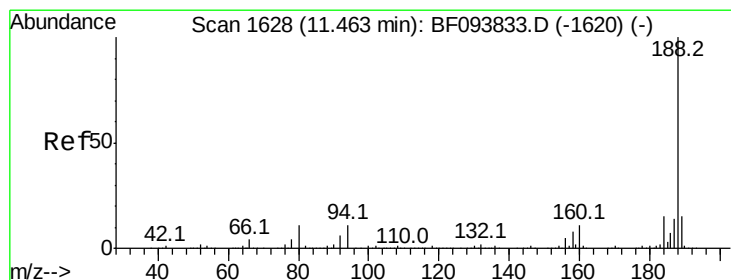
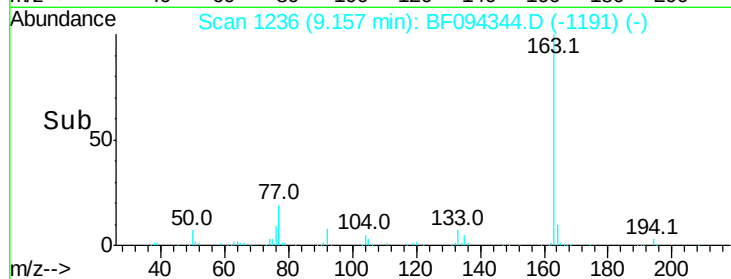
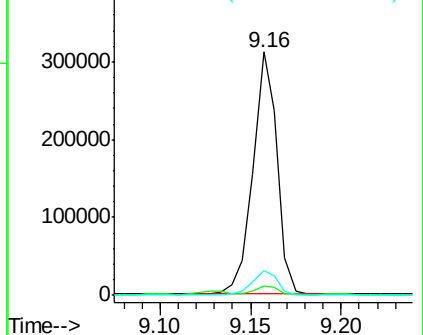
#49
Dimethylphthalate
Concen: 15.50 ng
RT: 9.16 min Scan# 1236
Delta R.T. -0.04 min
Lab File: BF094344.D
Acq: 11 Apr 2017 7:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	10.2	8.4	12.6

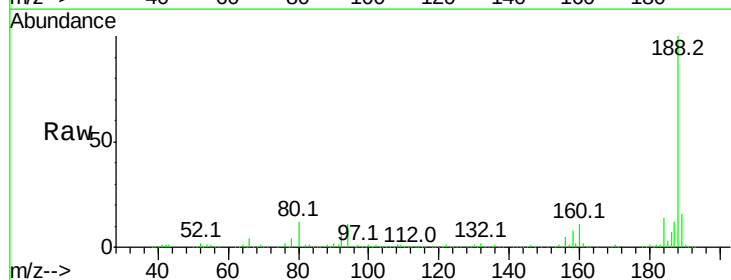


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

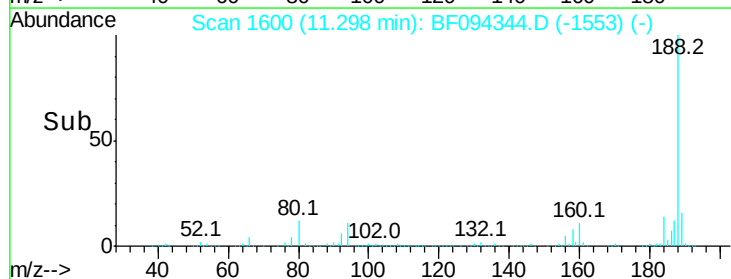
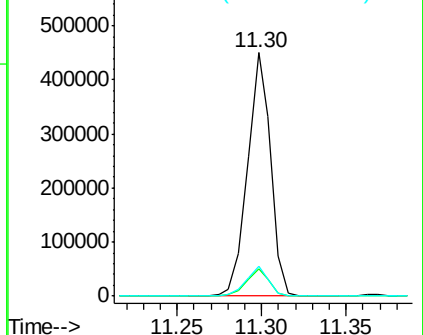


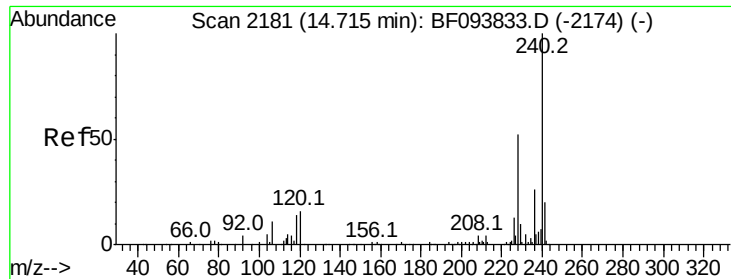
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 1600
Delta R.T. -0.02 min
Lab File: BF094344.D
Acq: 11 Apr 2017 7:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.5	9.4	14.2
80	12.3	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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.55 min Scan# 2153

Delta R.T. -0.02 min

Lab File: BF094344.D

Acq: 11 Apr 2017 7:48

Instrument :

BNA_F

ClientSampleId :

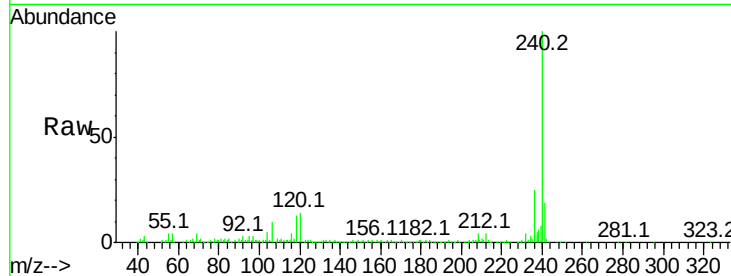
Tot Ion:240 Resp: 312259

Ion Ratio Lower Upper

240 100

120 14.5 5.8 8.8#

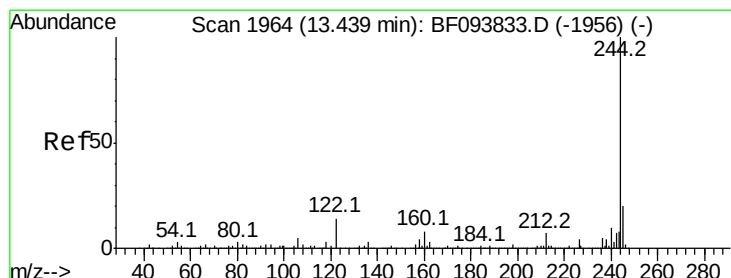
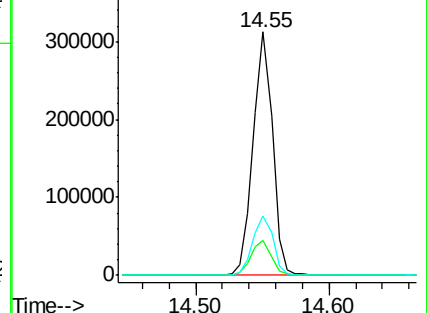
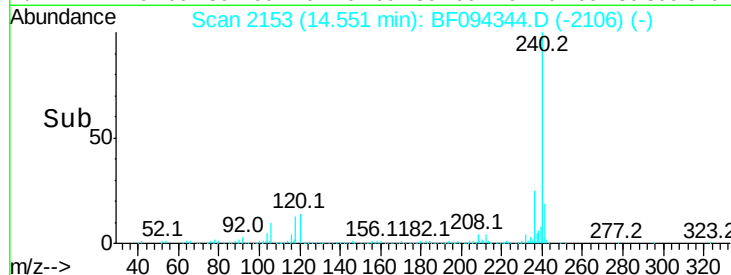
236 24.6 20.5 30.7



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: 81.90 ng

RT: 13.29 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BF094344.D

Acq: 11 Apr 2017 7:48

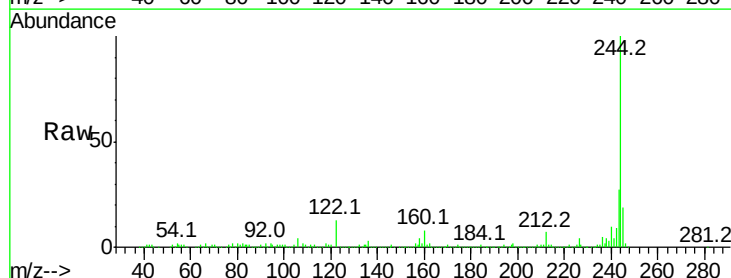
Tgt Ion:244 Resp: 1140991

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

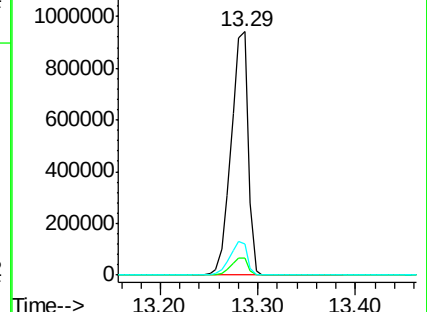
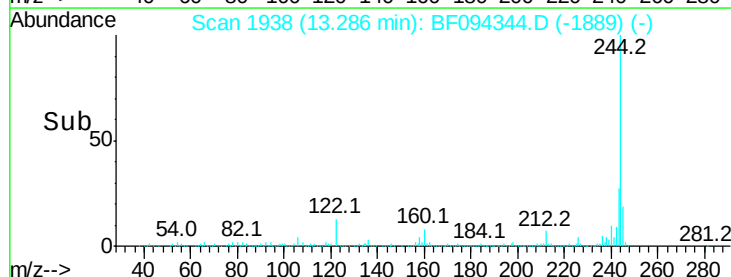
122 12.7 10.3 15.5

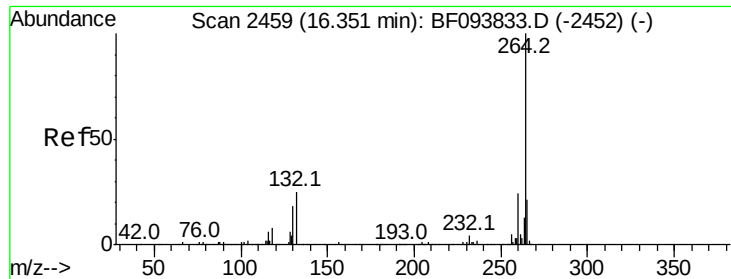


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

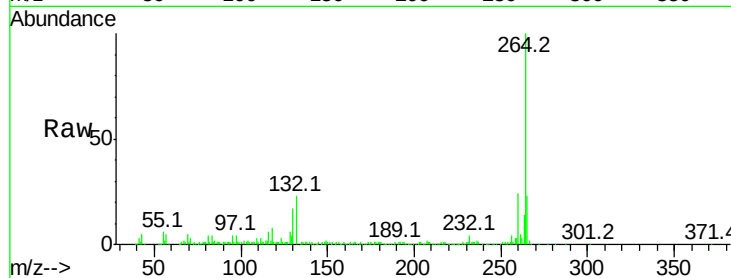




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.18 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BF094344.D
Acq: 11 Apr 2017 7:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	22.6	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

