

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
 Data File : BF094312.D
 Acq On : 10 Apr 2017 15:43
 Operator : SJ/MA
 Sample : PB98147BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 11 00:46:58 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

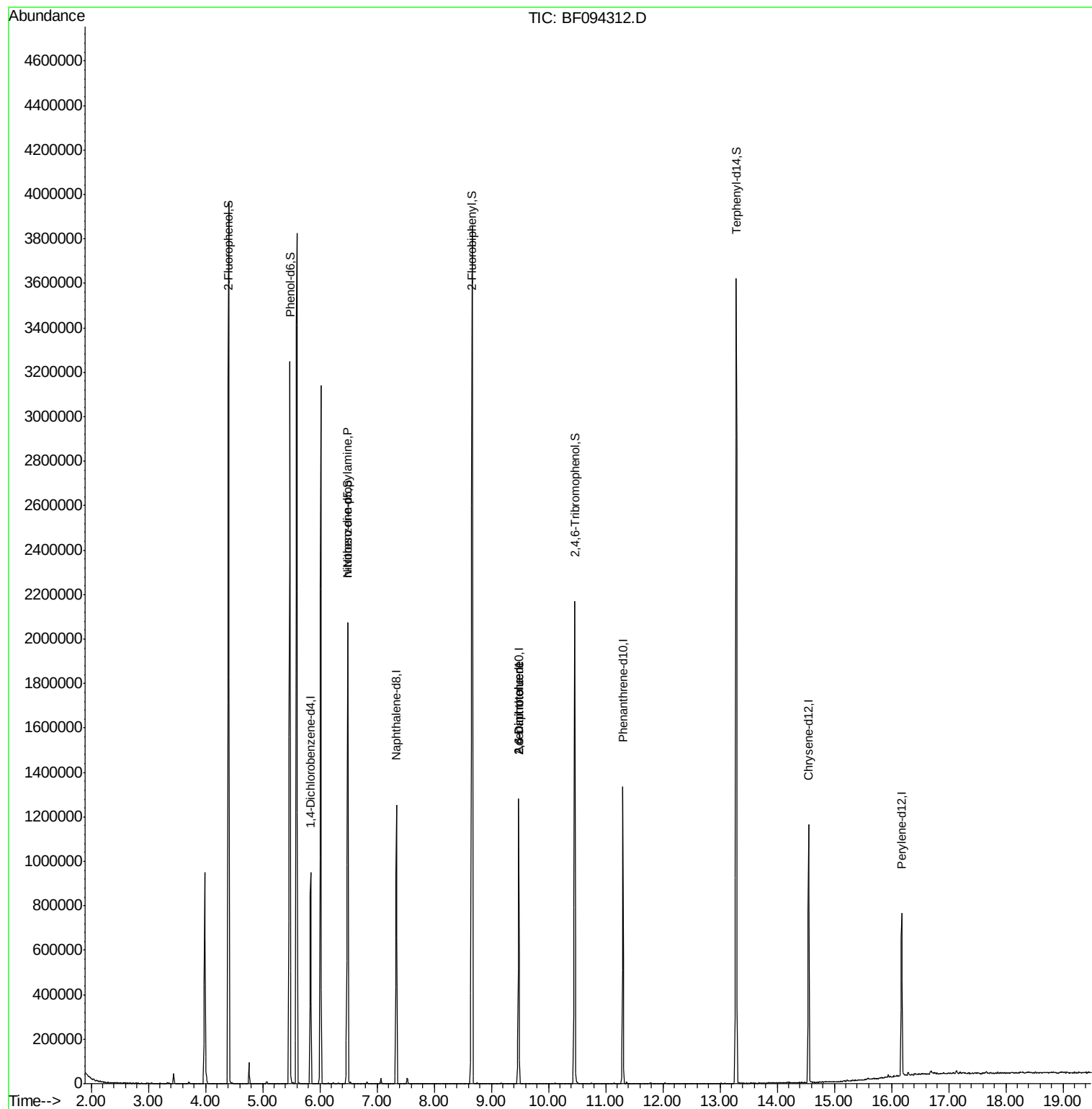
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.84	152	161774	20.00	ng	-0.02
21) Naphthalene-d8	7.34	136	652026	20.00	ng	-0.02
38) Acenaphthene-d10	9.48	164	300867	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	534015	20.00	ng	-0.02
75) Chrysene-d12	14.55	240	428815	20.00	ng	-0.02
86) Perylene-d12	16.18	264	286219	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	1202434	125.54	ng	0.02
7) Phenol-d6	5.48	99	1531039	129.21	ng	0.02
23) Nitrobenzene-d5	6.49	82	955784	83.66	ng	-0.02
41) 2,4,6-Tribromophenol	10.46	330	332370	139.80	ng	-0.01
44) 2-Fluorobiphenyl	8.67	172	1737835	88.10	ng	-0.02
78) Terphenyl-d14	13.29	244	1486623	77.71	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.49	70	126242	16.58	ng	# 77
50) 2,6-Dinitrotoluene	9.48	165	37843	7.72	ng	# 33
56) 2,4-Dinitrotoluene	9.48	165	37842	6.14	ng	# 33

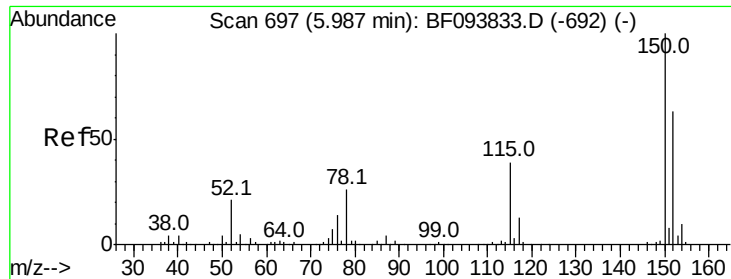
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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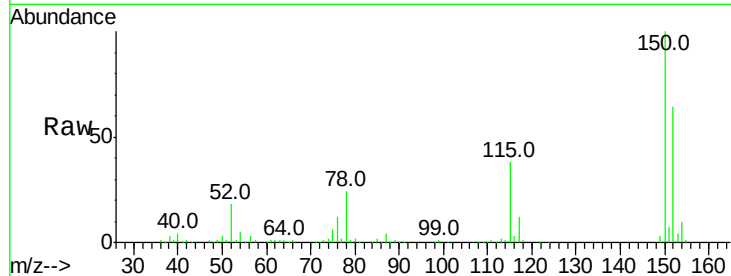


#1

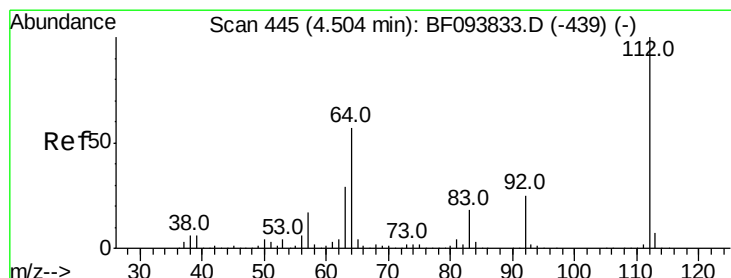
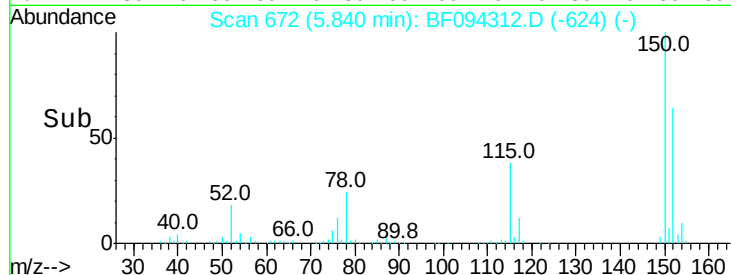
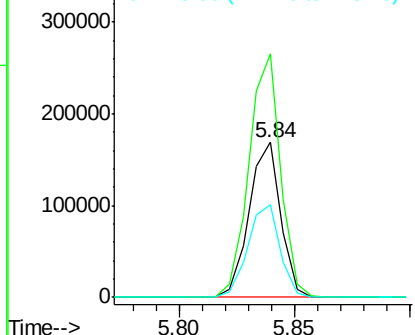
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.84 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF094312.D
Acq: 10 Apr 2017 15:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 161774
Ion Ratio Lower Upper
152 100
150 156.8 126.2 189.2
115 59.6 52.2 78.2



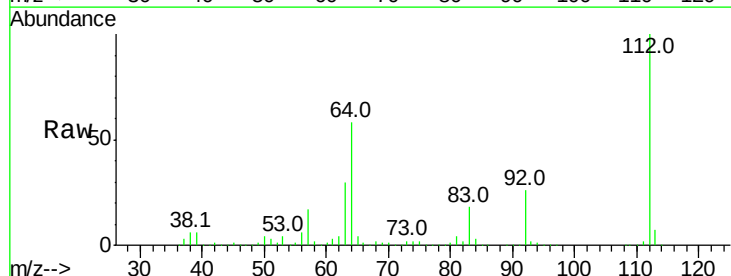
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



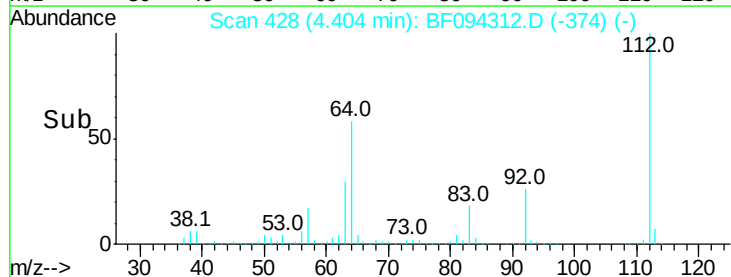
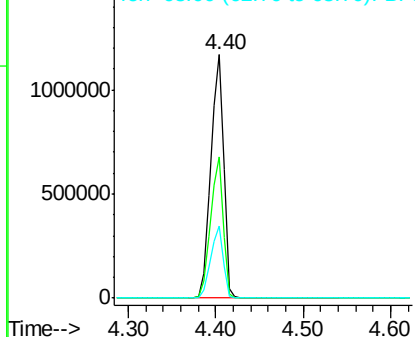
#5

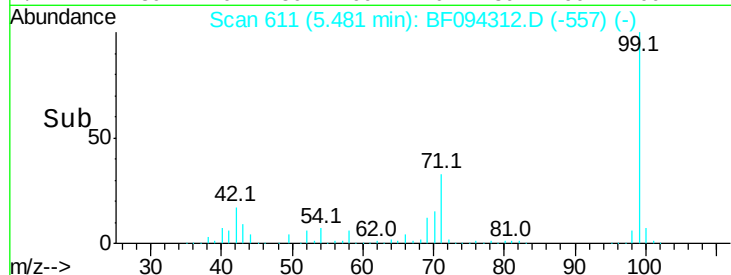
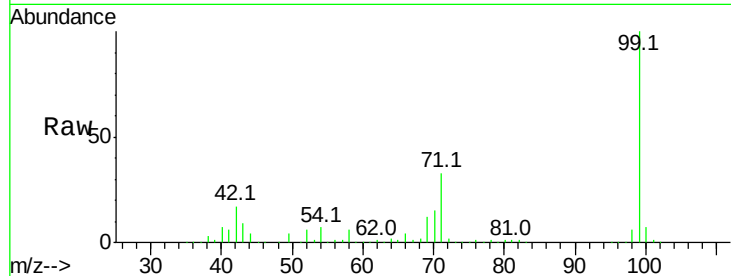
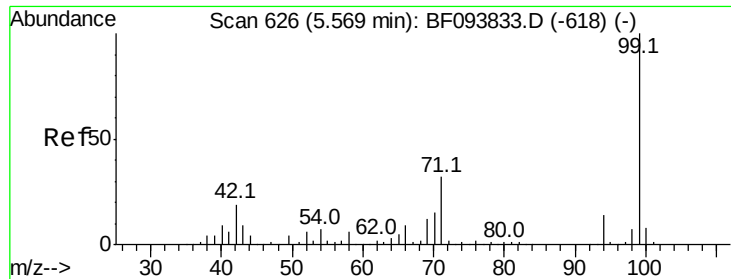
2-Fluorophenol
Concen: 125.54 ng
RT: 4.40 min Scan# 428
Delta R.T. 0.02 min
Lab File: BF094312.D
Acq: 10 Apr 2017 15:43

Tgt Ion:112 Resp: 1202434
Ion Ratio Lower Upper
112 100
64 57.8 46.0 69.0
63 29.5 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: 129.21 ng

RT: 5.48 min Scan# 611

Delta R.T. 0.02 min

Lab File: BF094312.D

Acq: 10 Apr 2017 15:43

Instrument :

BNA_F

ClientSampleId :

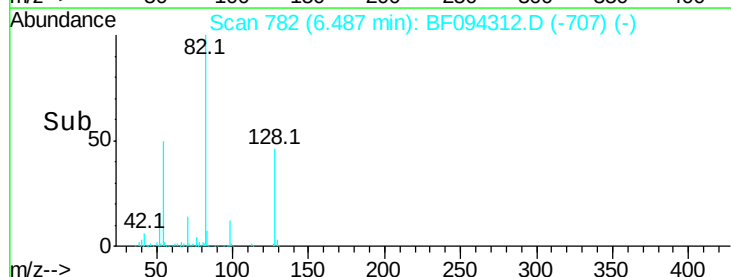
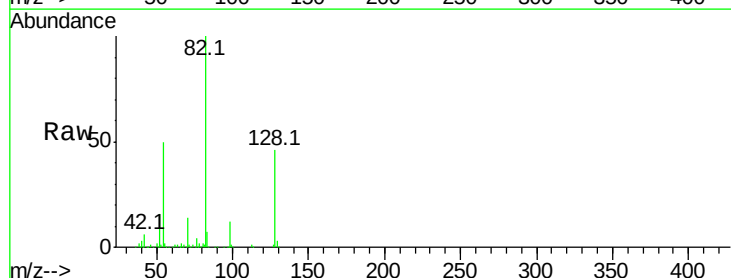
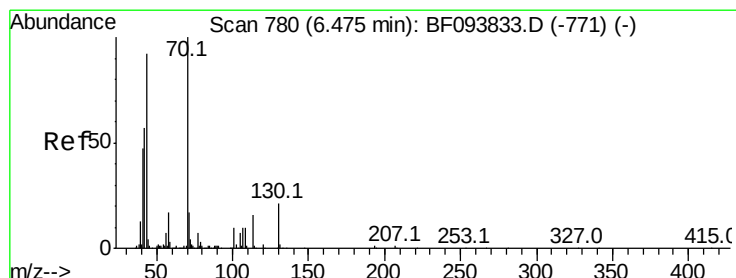
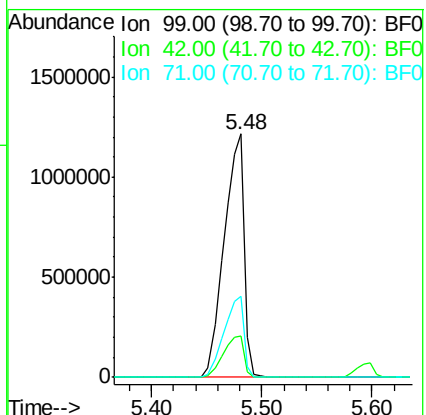
Tot Ion: 99 Resp: 1531039

Ion Ratio Lower Upper

99 100

42 16.8 13.5 20.3

71 33.1 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 16.58 ng

RT: 6.49 min Scan# 782

Delta R.T. 0.14 min

Lab File: BF094312.D

Acq: 10 Apr 2017 15:43

Tgt Ion: 70 Resp: 126242

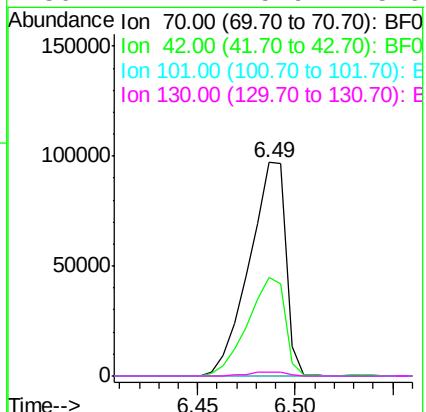
Ion Ratio Lower Upper

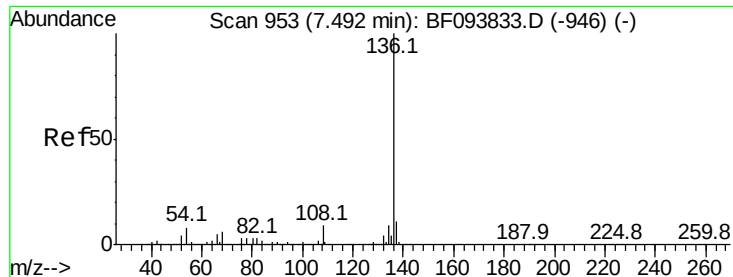
70 100

42 46.2 47.2 70.8#

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

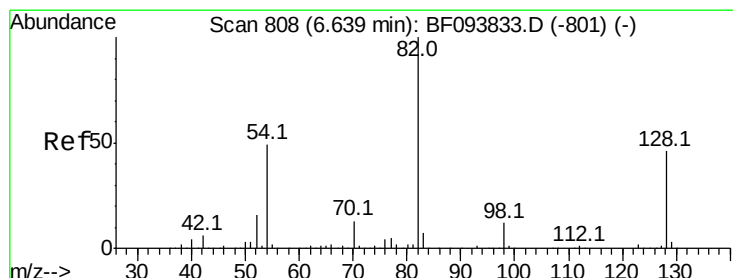
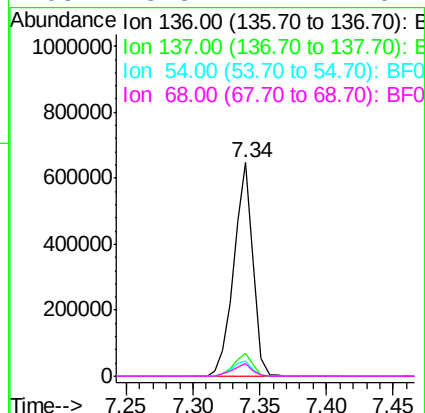
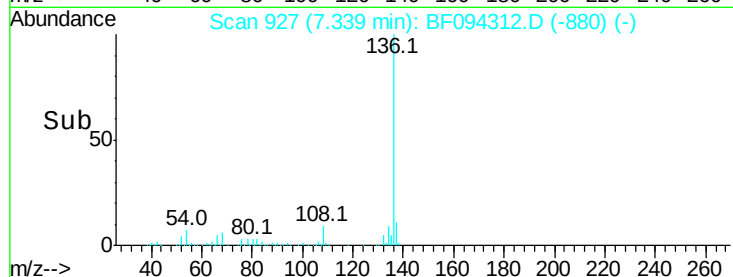
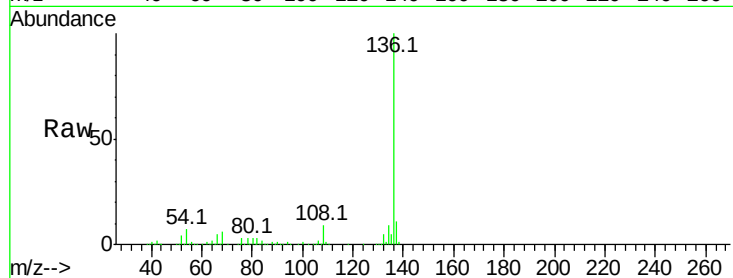




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.34 min Scan# 927
Delta R.T. -0.02 min
Lab File: BF094312.D
Acq: 10 Apr 2017 15:43

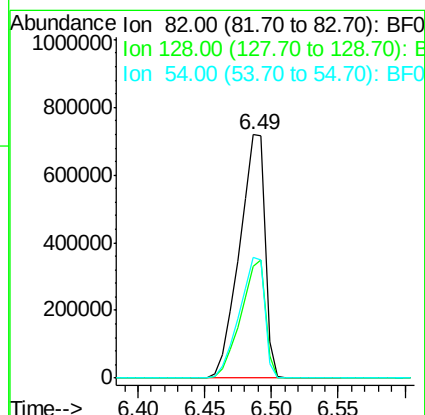
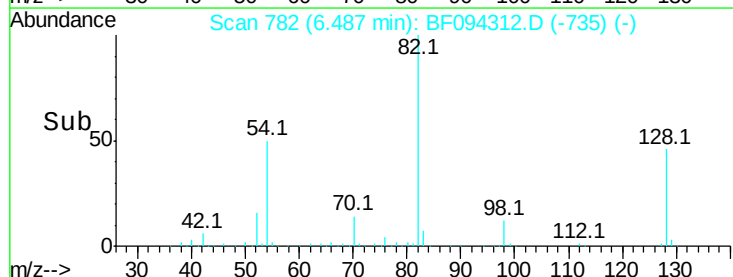
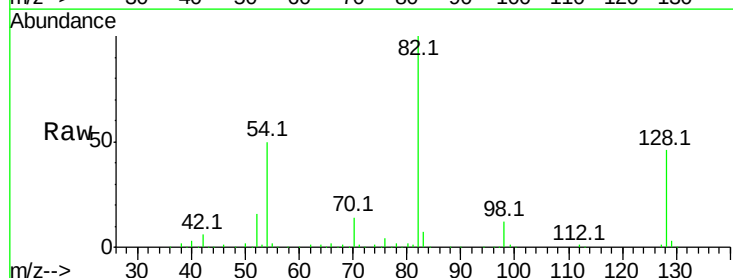
Instrument :
BNA_F
ClientSampled :

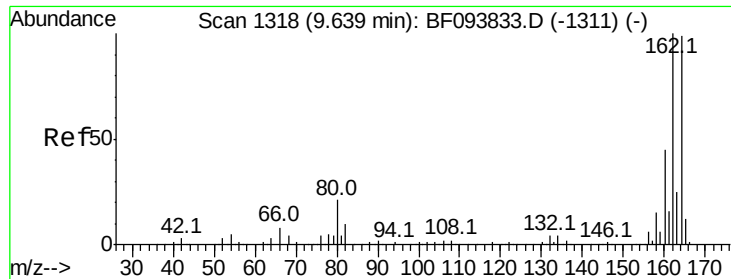
Tot Ion:136	Resp: 652026
Ion Ratio	Lower Upper
136 100	
137 10.8	8.5 12.7
54 7.2	4.9 7.3
68 5.8	4.1 6.1



#23
Nitrobenzene-d5
Concen: 83.66 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF094312.D
Acq: 10 Apr 2017 15:43

Tgt Ion: 82	Resp: 955784
Ion Ratio	Lower Upper
82 100	
128 46.1	34.0 51.0
54 49.8	42.2 63.2

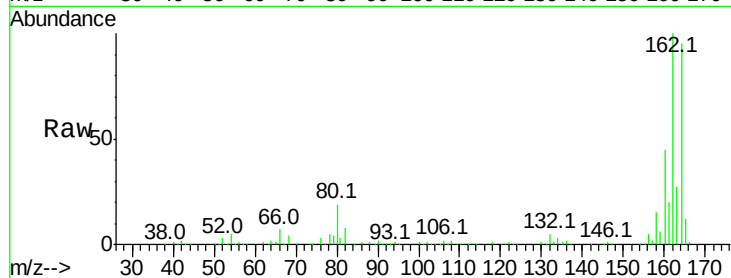




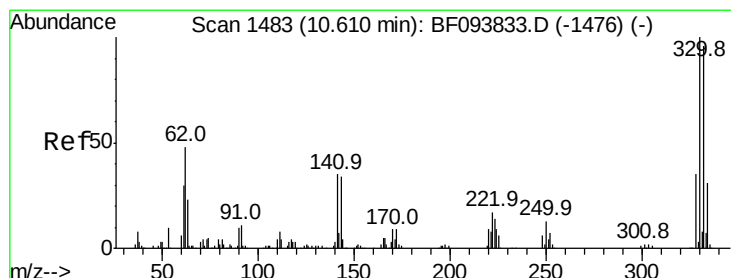
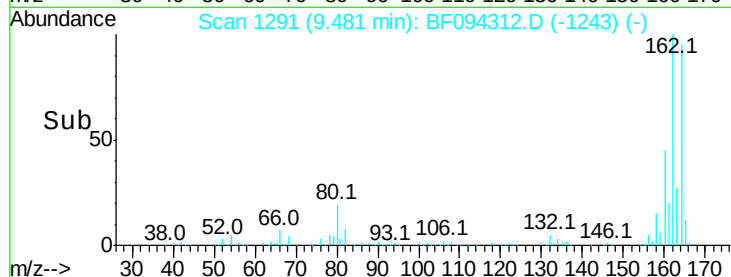
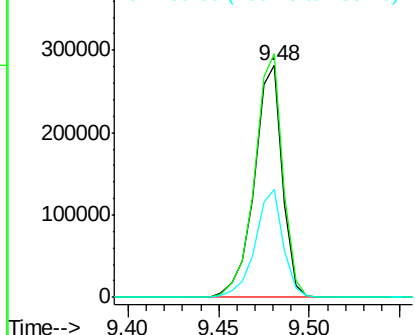
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.48 min Scan# 1291
 Delta R.T. -0.02 min
 Lab File: BF094312.D
 Acq: 10 Apr 2017 15:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.0	82.6	123.8
160	46.7	36.2	54.2

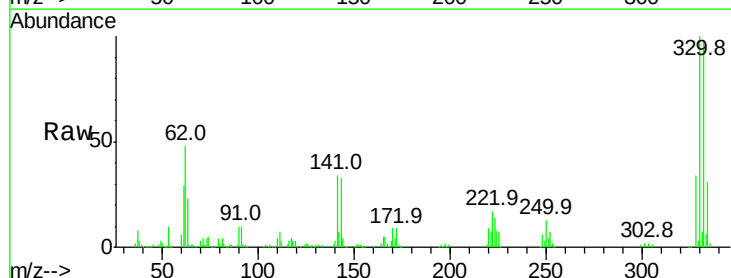


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

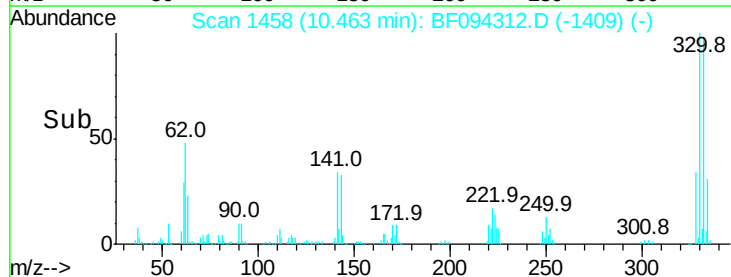
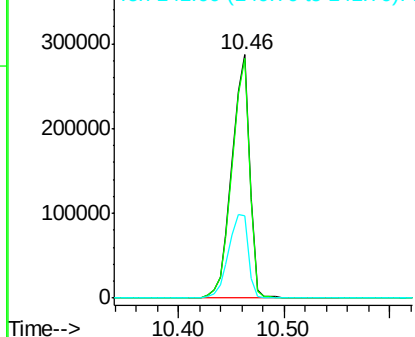


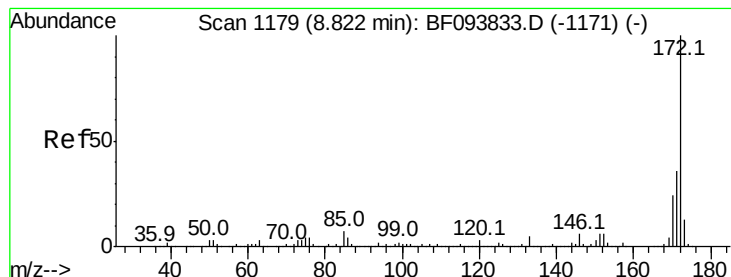
#41
 2,4,6-Tribromophenol
 Concen: 139.80 ng
 RT: 10.46 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF094312.D
 Acq: 10 Apr 2017 15:43

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.6	115.0
141	38.2	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: 88.10 ng

RT: 8.67 min Scan# 1153

Delta R.T. -0.02 min

Lab File: BF094312.D

Acq: 10 Apr 2017 15:43

Instrument :

BNA_F

ClientSampleId :

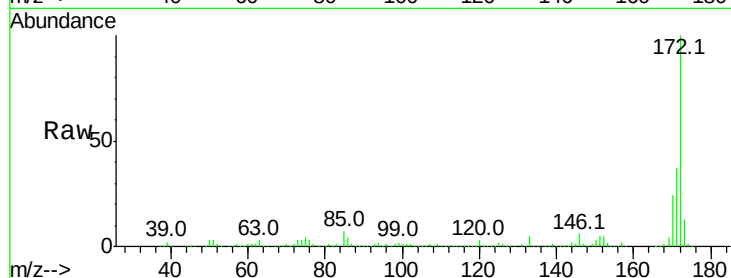
Tot Ion:172 Resp: 1737835

Ion Ratio Lower Upper

172 100

171 36.6 29.6 44.4

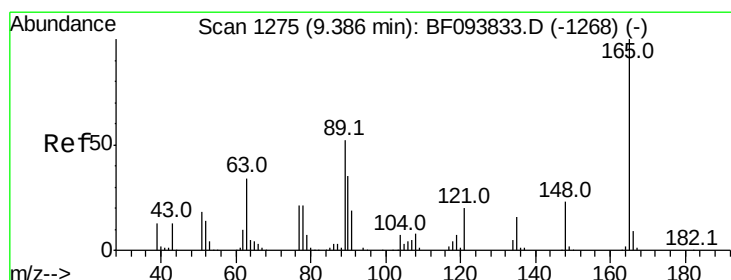
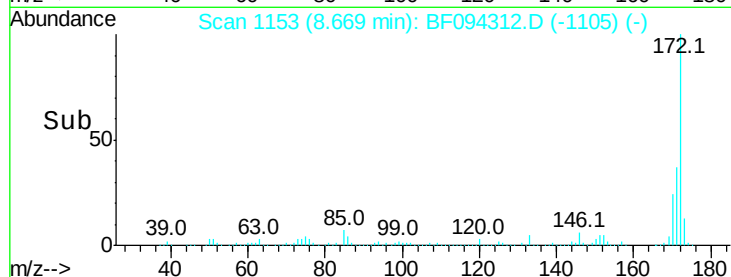
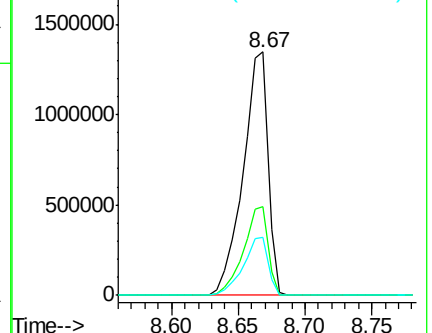
170 24.1 19.8 29.8



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



#50

2,6-Dinitrotoluene

Concen: 7.72 ng

RT: 9.48 min Scan# 1291

Delta R.T. 0.22 min

Lab File: BF094312.D

Acq: 10 Apr 2017 15:43

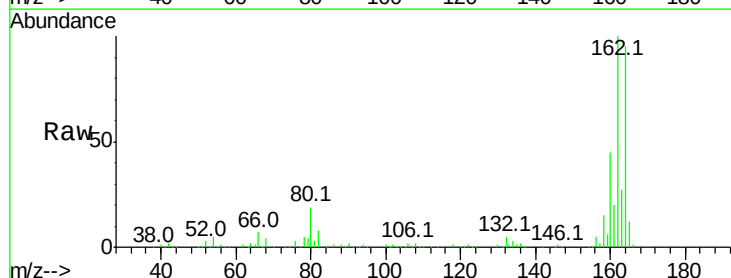
Tgt Ion:165 Resp: 37843

Ion Ratio Lower Upper

165 100

63 1.3 34.3 51.5#

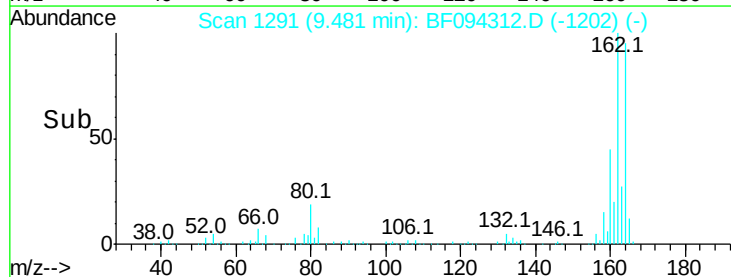
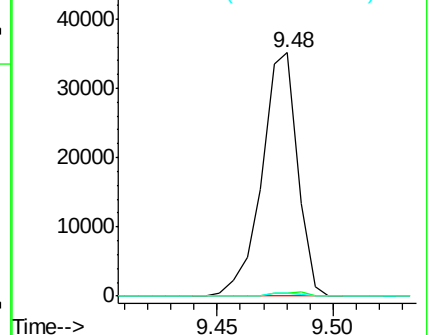
89 1.3 37.1 55.7#

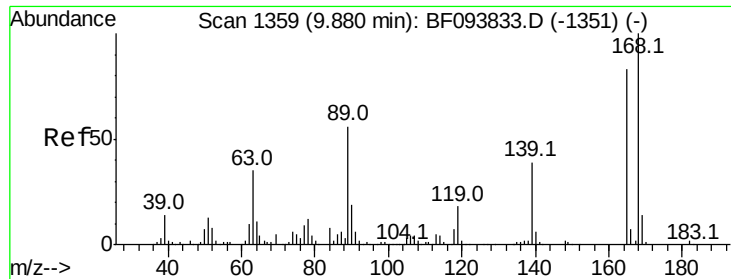


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

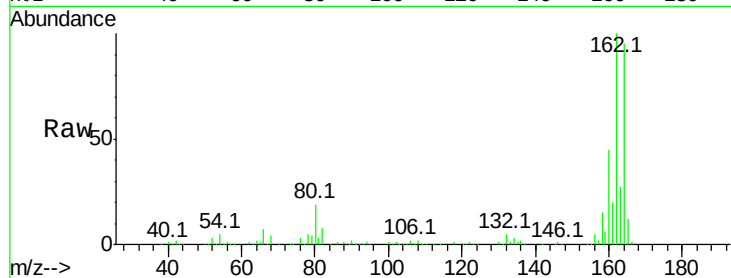




#56
 2,4-Dinitrotoluene
 Concen: 6.14 ng
 RT: 9.48 min Scan# 1291
 Delta R.T. -0.27 min
 Lab File: BF094312.D
 Acq: 10 Apr 2017 15:43

Instrument :
 BNA_F
 ClientSampleId :

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

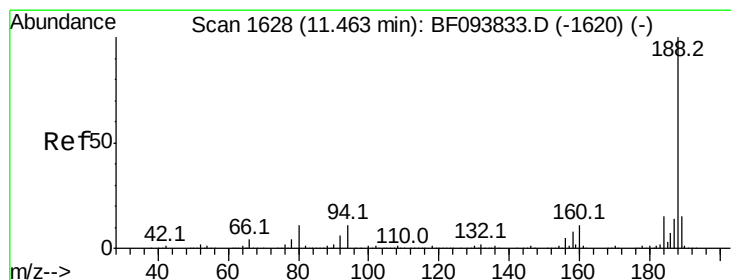
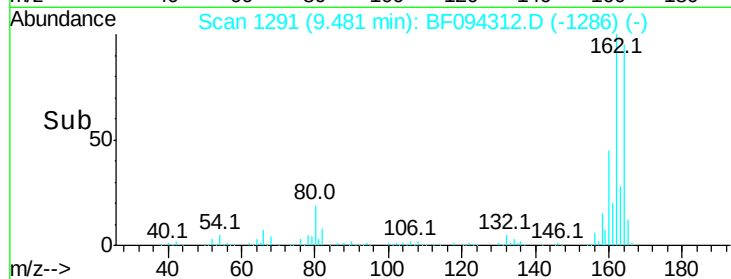
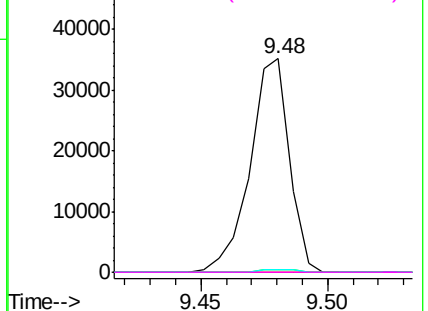


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

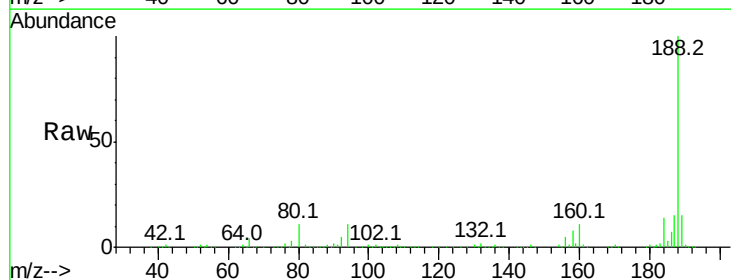
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 1601
 Delta R.T. -0.02 min
 Lab File: BF094312.D
 Acq: 10 Apr 2017 15:43

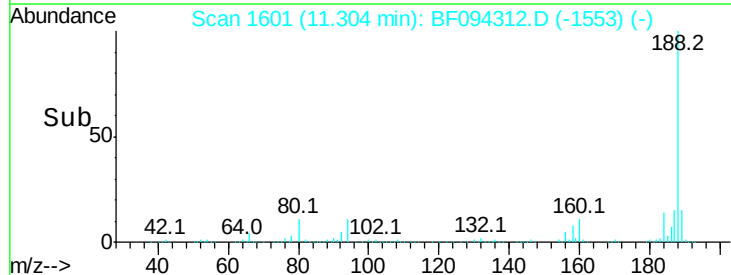
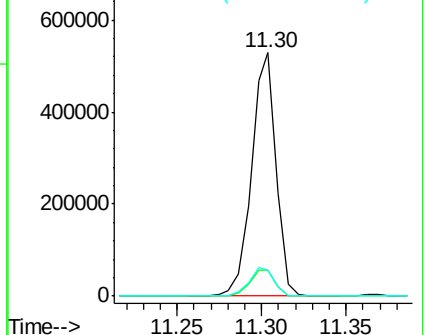
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	9.4	14.2
80	10.9	10.2	15.2

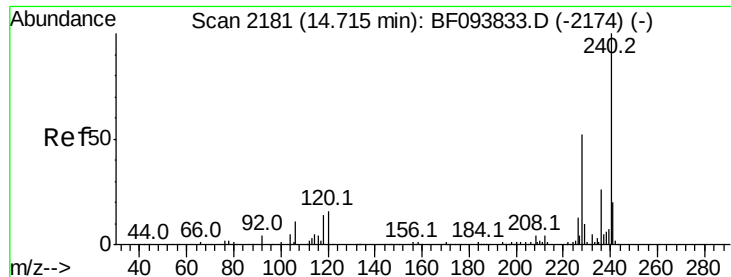


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.55 min Scan# 2153

Delta R.T. -0.02 min

Lab File: BF094312.D

Acq: 10 Apr 2017 15:43

Instrument :

BNA_F

ClientSampleId :

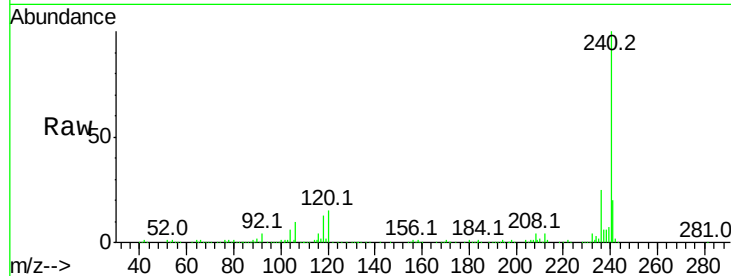
Tot Ion:240 Resp: 428815

Ion Ratio Lower Upper

240 100

120 15.1 5.8 8.8#

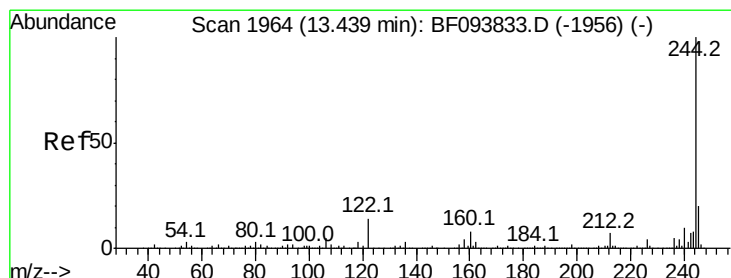
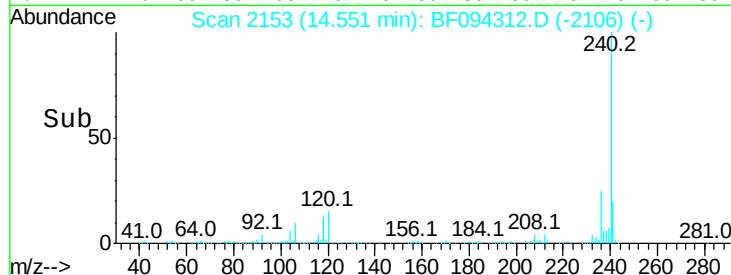
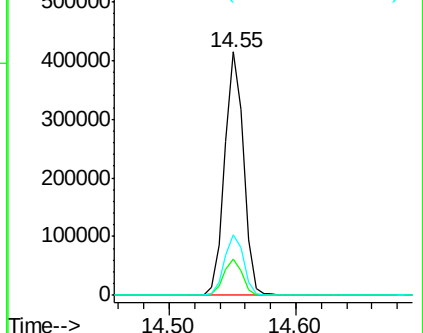
236 24.8 20.5 30.7



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: 77.71 ng

RT: 13.29 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BF094312.D

Acq: 10 Apr 2017 15:43

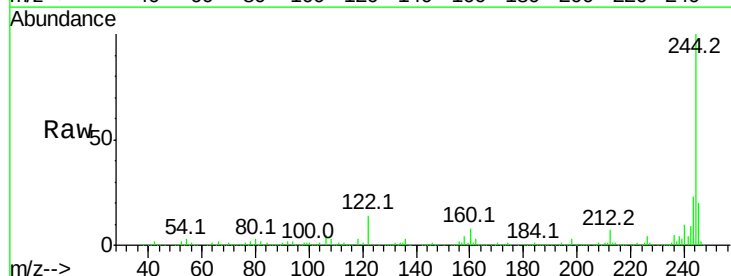
Tgt Ion:244 Resp: 1486623

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

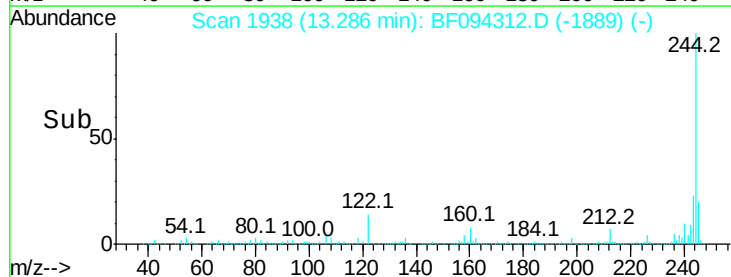
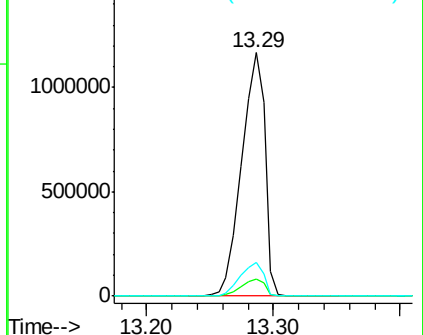
122 13.6 10.3 15.5

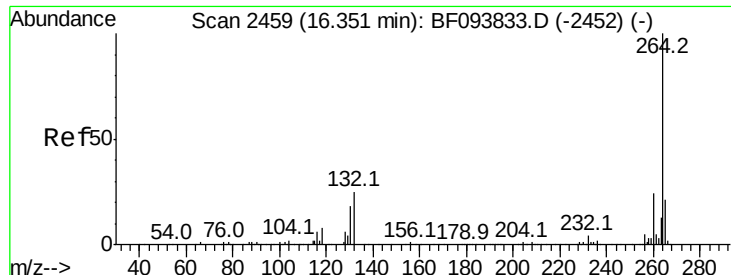


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.18 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BF094312.D
Acq: 10 Apr 2017 15:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.6	17.2	25.8

