

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
 Data File : BF094008.D
 Acq On : 28 Mar 2017 22:26
 Operator : SJ/MA
 Sample : I2421-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 29 02:39:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

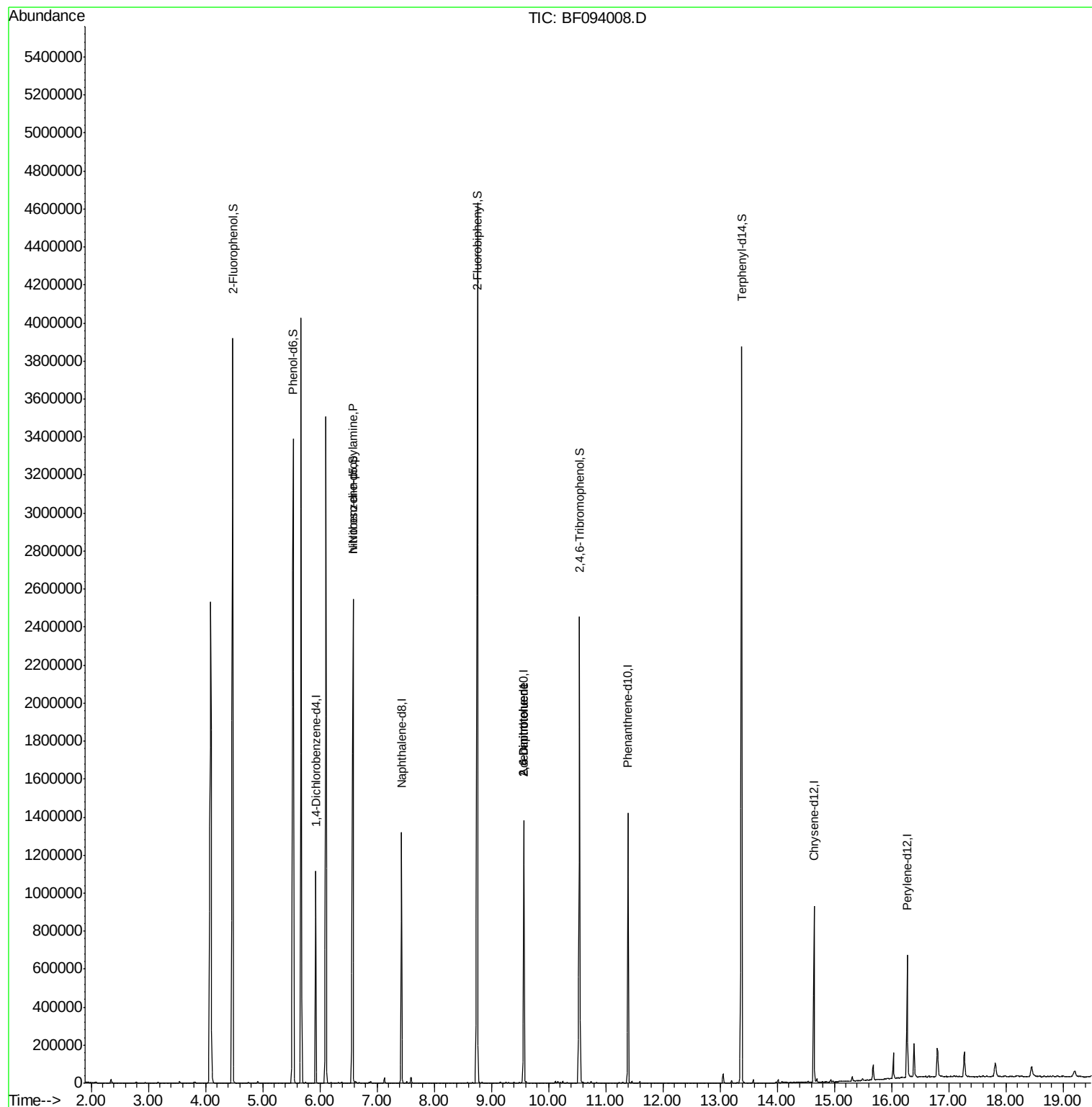
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.93	152	171620	20.00	ng	-0.02
21) Naphthalene-d8	7.43	136	702318	20.00	ng	-0.03
38) Acenaphthene-d10	9.57	164	321617	20.00	ng	-0.03
63) Phenanthrene-d10	11.39	188	557294	20.00	ng	-0.03
75) Chrysene-d12	14.64	240	369521	20.00	ng	-0.04
86) Perylene-d12	16.27	264	273852	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	4.47	112	1291554	127.11	ng	0.00
7) Phenol-d6	5.53	99	1573345	125.17	ng	-0.02
23) Nitrobenzene-d5	6.58	82	1127141	91.59	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	380675	149.79	ng	-0.02
44) 2-Fluorobiphenyl	8.76	172	2062666	97.82	ng	-0.02
78) Terphenyl-d14	13.38	244	1618127	98.15	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.58	70	148978	18.44	ng	# 78
50) 2,6-Dinitrotoluene	9.57	165	41059	7.83	ng	# 33
56) 2,4-Dinitrotoluene	9.57	165	41059	6.24	ng	# 33

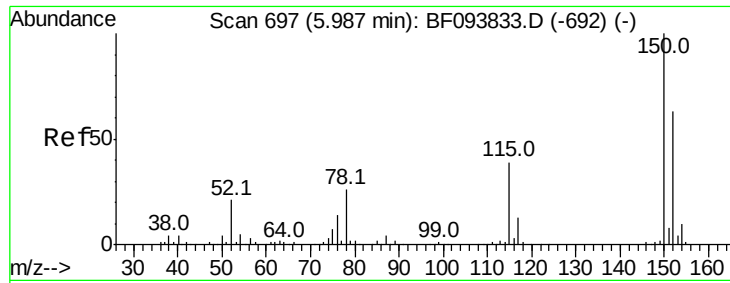
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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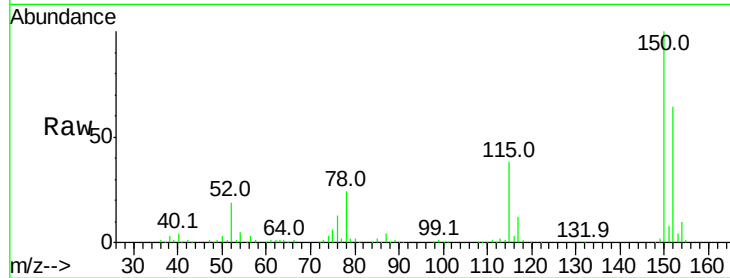


#1

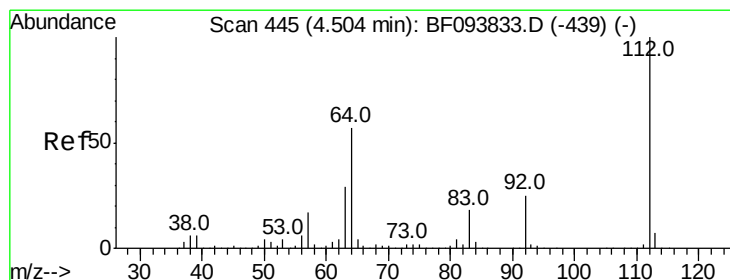
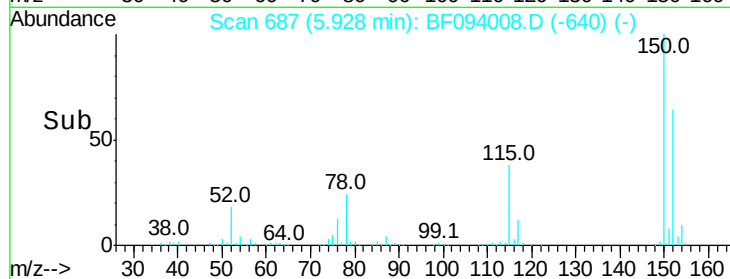
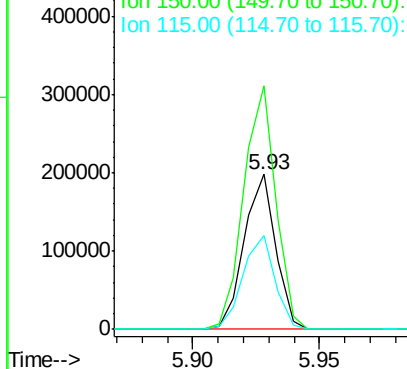
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.93 min Scan# 687
 Delta R.T. -0.02 min
 Lab File: BF094008.D
 Acq: 28 Mar 2017 22:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 171620
 Ion Ratio Lower Upper
 152 100
 150 156.8 126.2 189.2
 115 60.2 52.2 78.2



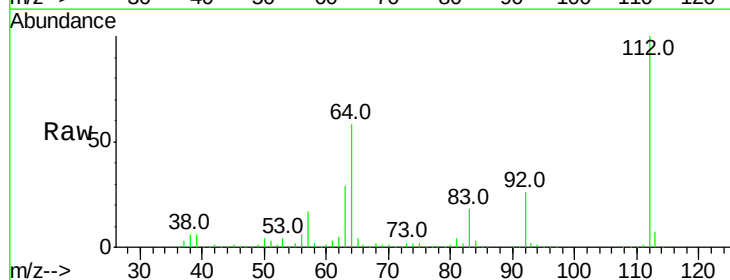
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



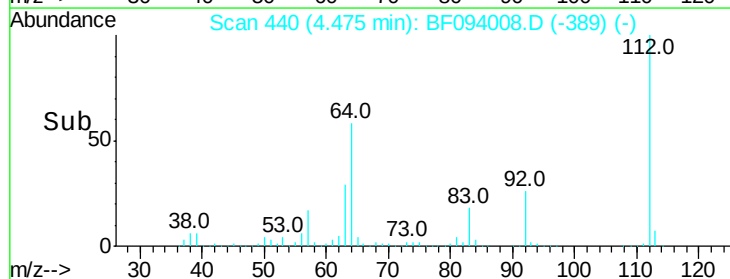
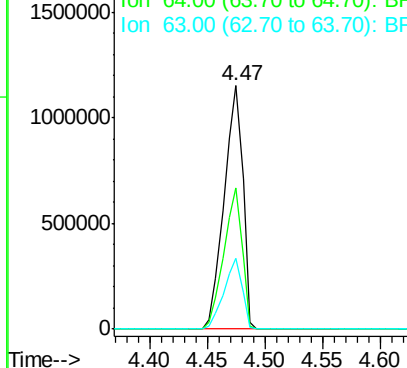
#5

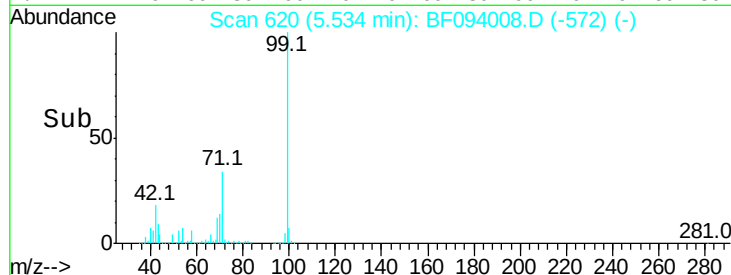
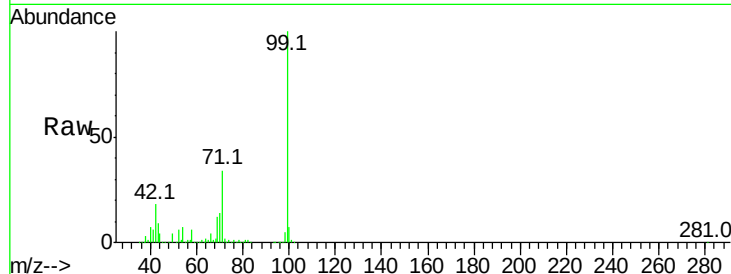
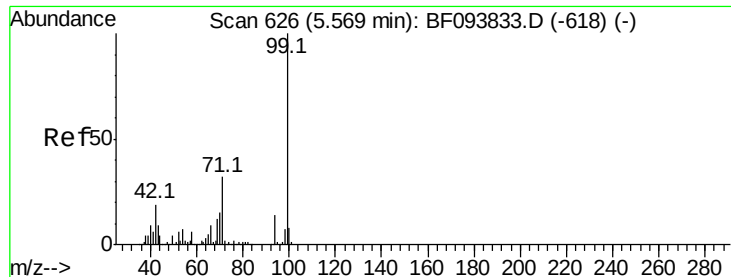
2-Fluorophenol
 Concen: 127.11 ng
 RT: 4.47 min Scan# 440
 Delta R.T. 0.00 min
 Lab File: BF094008.D
 Acq: 28 Mar 2017 22:26

Tgt Ion:112 Resp: 1291554
 Ion Ratio Lower Upper
 112 100
 64 58.1 46.0 69.0
 63 29.1 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: 125.17 ng

RT: 5.53 min Scan# 620

Delta R.T. -0.02 min

Lab File: BF094008.D

Acq: 28 Mar 2017 22:26

Instrument :

BNA_F

ClientSampleId :

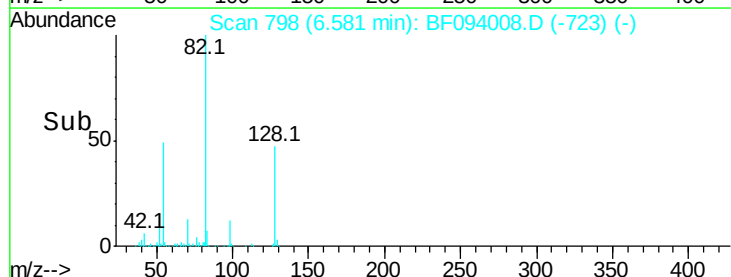
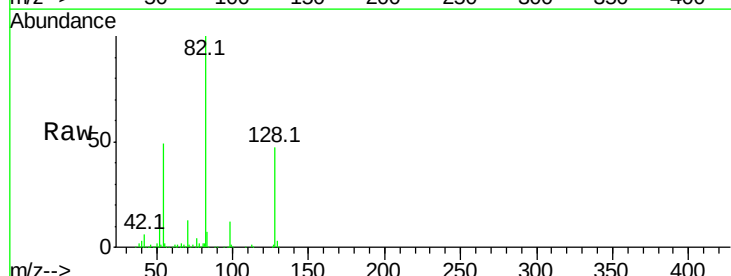
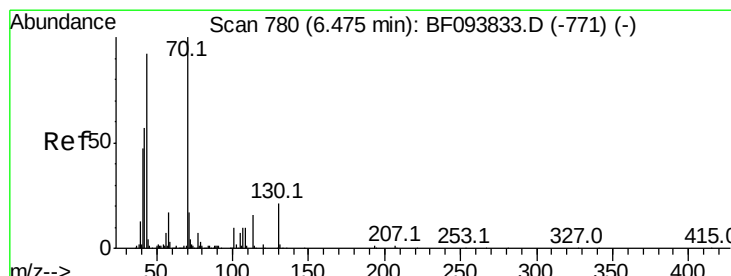
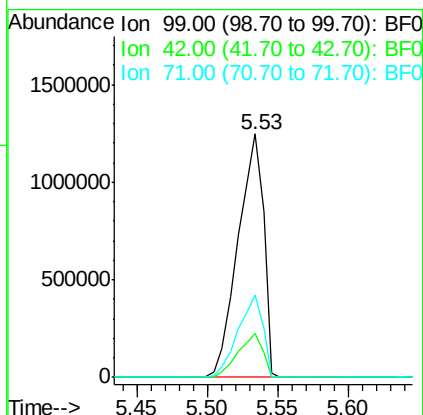
Tot Ion: 99 Resp: 1573345

Ion Ratio Lower Upper

99 100

42 17.9 13.5 20.3

71 33.7 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 18.44 ng

RT: 6.58 min Scan# 798

Delta R.T. 0.14 min

Lab File: BF094008.D

Acq: 28 Mar 2017 22:26

Tgt Ion: 70 Resp: 148978

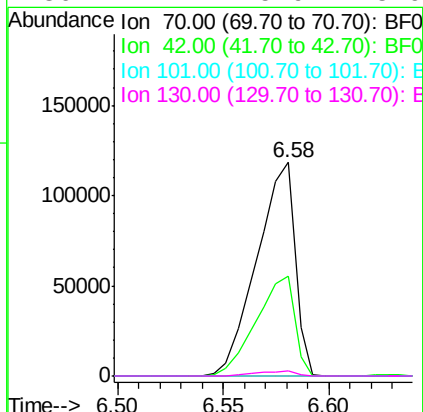
Ion Ratio Lower Upper

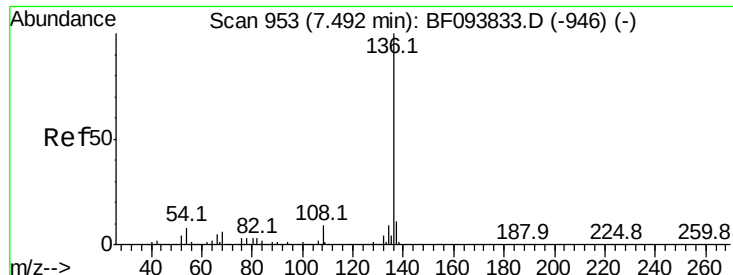
70 100

42 46.8 47.2 70.8#

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

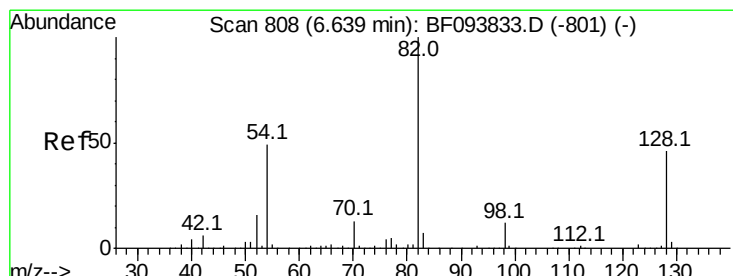
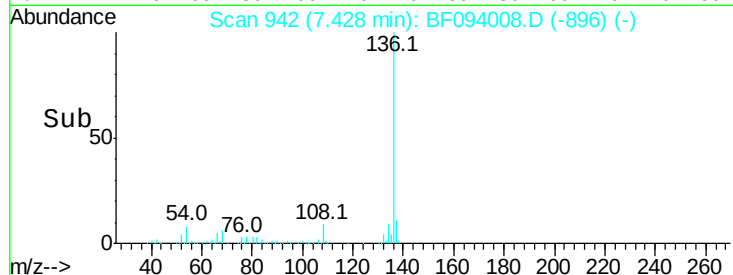
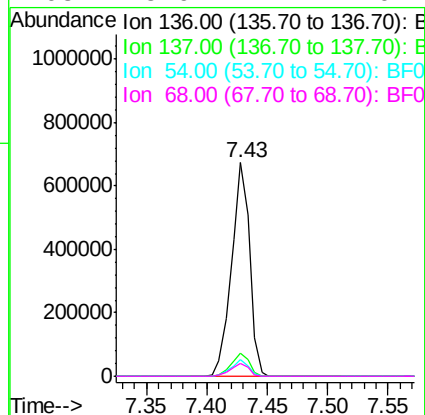
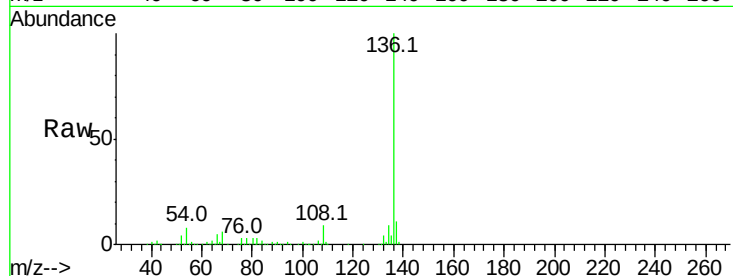




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.43 min Scan# 942
Delta R.T. -0.03 min
Lab File: BF094008.D
Acq: 28 Mar 2017 22:26

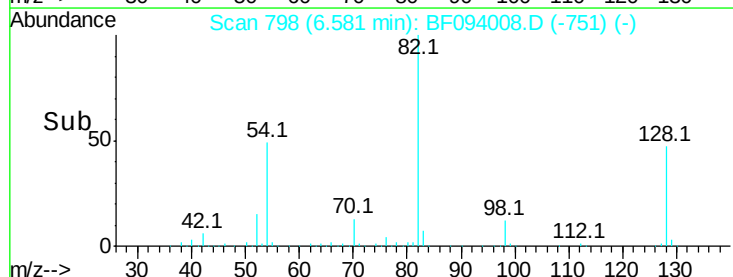
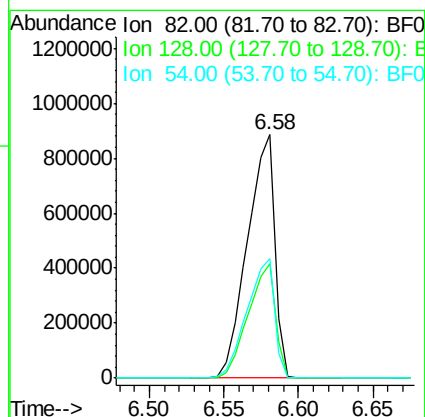
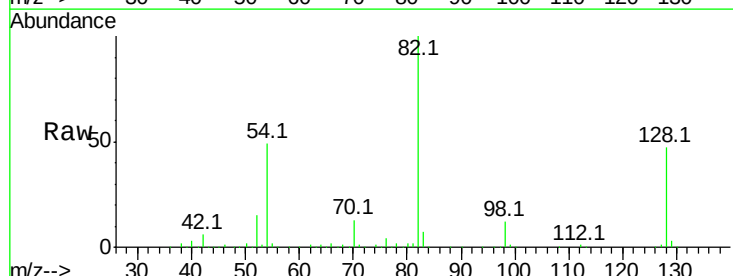
Instrument :
BNA_F
ClientSampled :

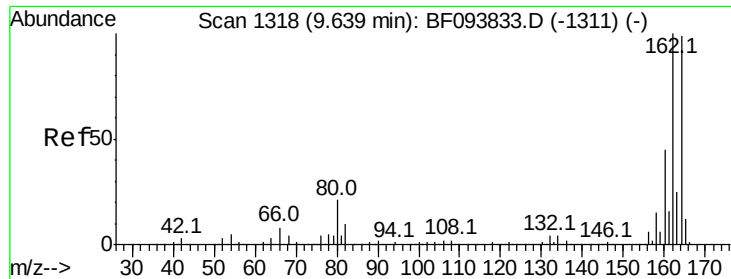
Tot Ion:	136	Resp:	702318
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	7.8	4.9	7.3#
68	5.9	4.1	6.1



#23
Nitrobenzene-d5
Concen: 91.59 ng
RT: 6.58 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF094008.D
Acq: 28 Mar 2017 22:26

Tgt Ion:	82	Resp:	1127141
Ion	Ratio	Lower	Upper
82	100		
128	46.9	34.0	51.0
54	49.2	42.2	63.2

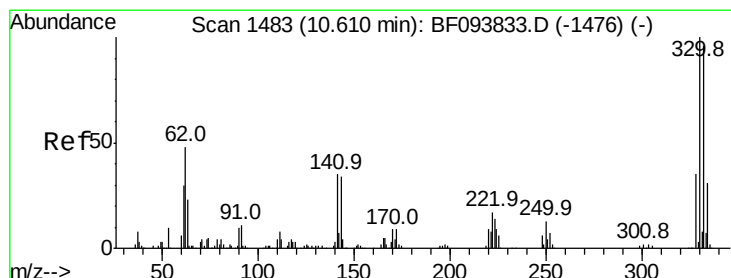
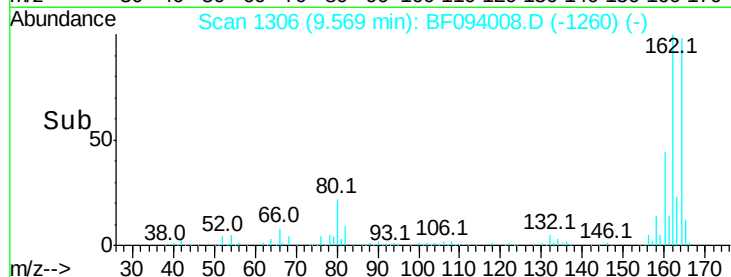
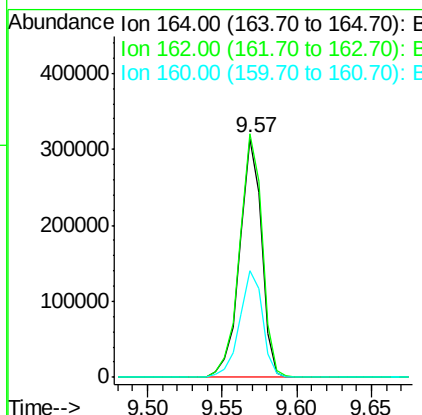
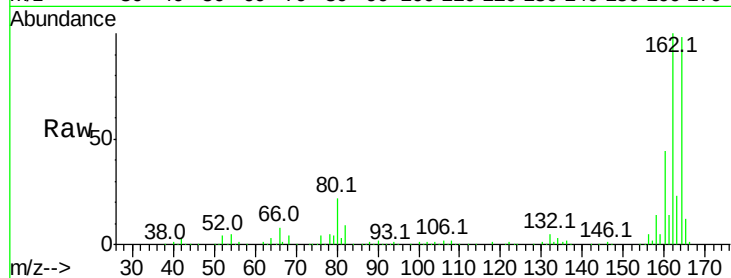




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.57 min Scan# 1306
Delta R.T. -0.03 min
Lab File: BF094008.D
Acq: 28 Mar 2017 22:26

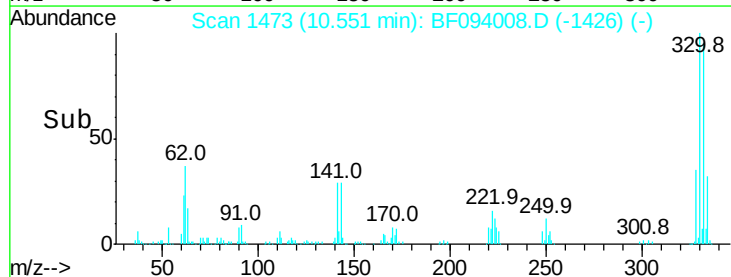
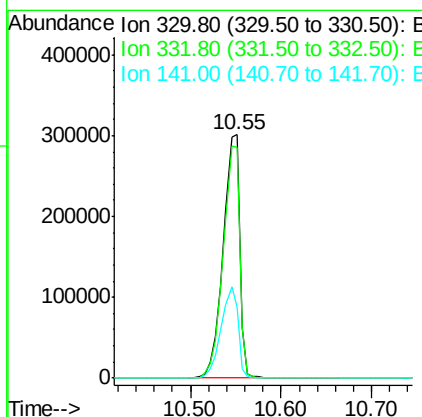
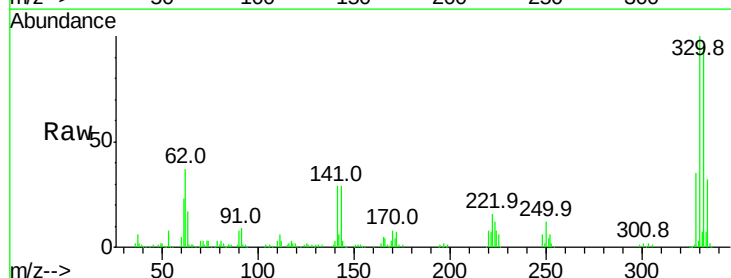
Instrument :
BNA_F
ClientSampleId :

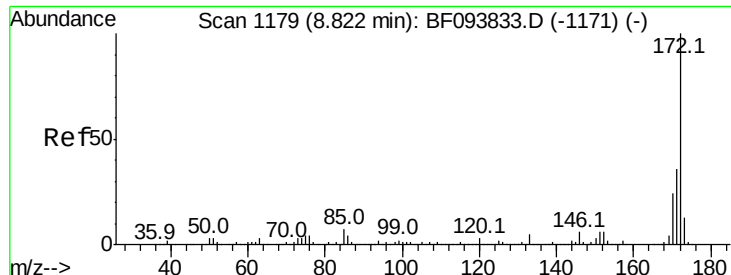
Tot Ion:164 Resp: 321617
Ion Ratio Lower Upper
164 100
162 101.8 82.6 123.8
160 44.7 36.2 54.2



#41
2,4,6-Tribromophenol
Concen: 149.79 ng
RT: 10.55 min Scan# 1473
Delta R.T. -0.02 min
Lab File: BF094008.D
Acq: 28 Mar 2017 22:26

Tgt Ion:330 Resp: 380675
Ion Ratio Lower Upper
330 100
332 95.3 76.6 115.0
141 38.2 31.4 47.2



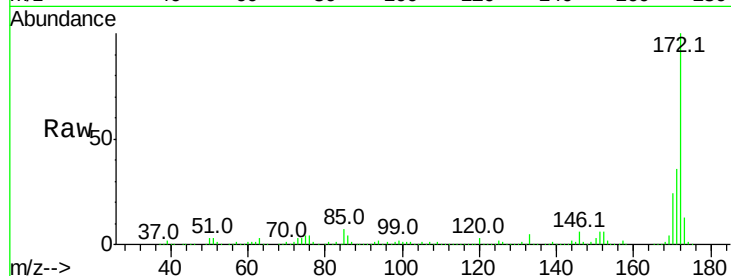


#44
 2-Fluorobiphenyl
 Concen: 97.82 ng
 RT: 8.76 min Scan# 1168
 Delta R.T. -0.02 min
 Lab File: BF094008.D
 Acq: 28 Mar 2017 22:26

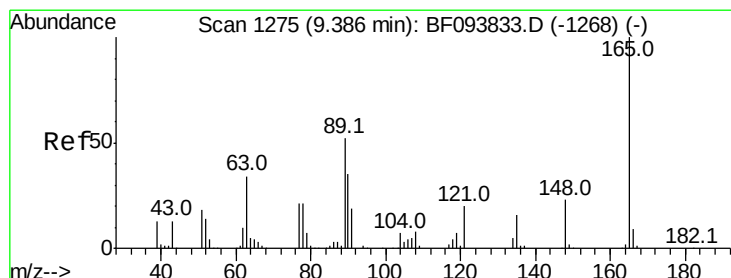
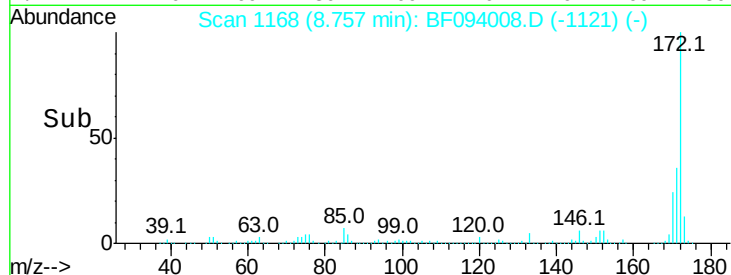
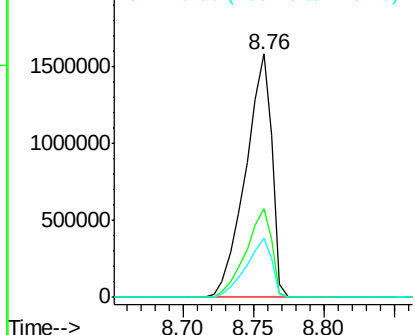
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 2062666

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.2	19.8	29.8



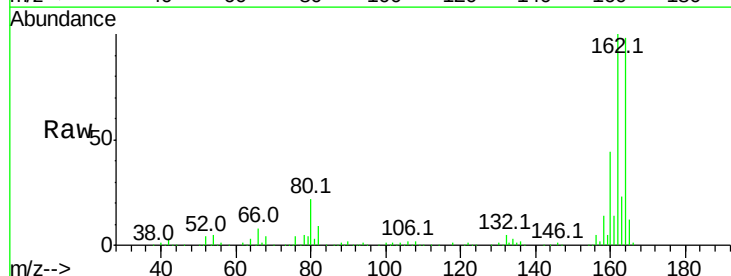
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



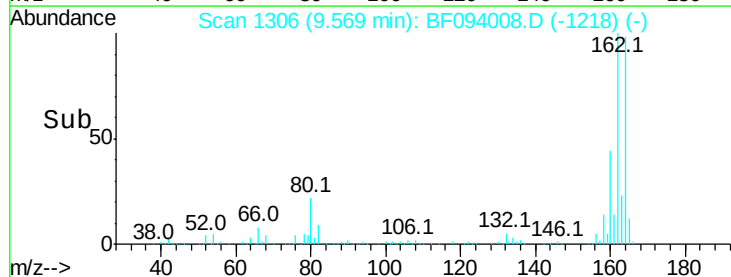
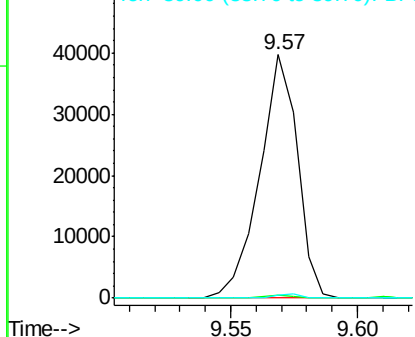
#50
 2,6-Dinitrotoluene
 Concen: 7.83 ng
 RT: 9.57 min Scan# 1306
 Delta R.T. 0.22 min
 Lab File: BF094008.D
 Acq: 28 Mar 2017 22:26

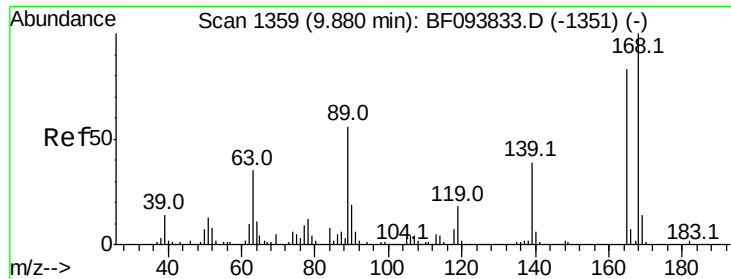
Tgt Ion:165 Resp: 41059

Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.3	51.5#
89	1.4	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: 6.24 ng

RT: 9.57 min Scan# 1306

Delta R.T. -0.28 min

Lab File: BF094008.D

Acq: 28 Mar 2017 22:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 41059

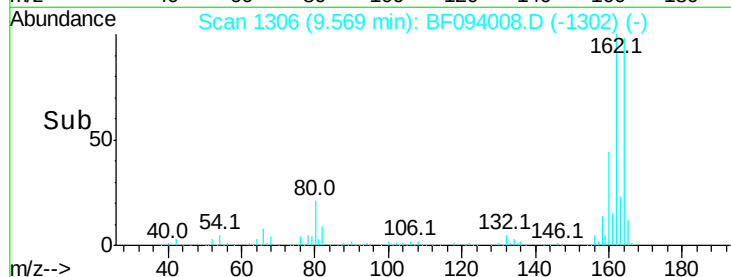
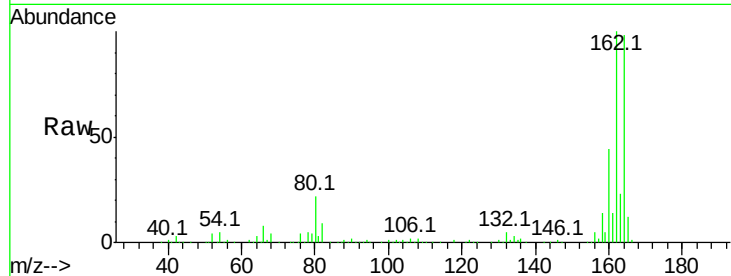
Ion Ratio Lower Upper

165 100

63 1.1 25.4 38.0#

89 1.4 46.4 69.6#

182 0.0 1.8 2.6#

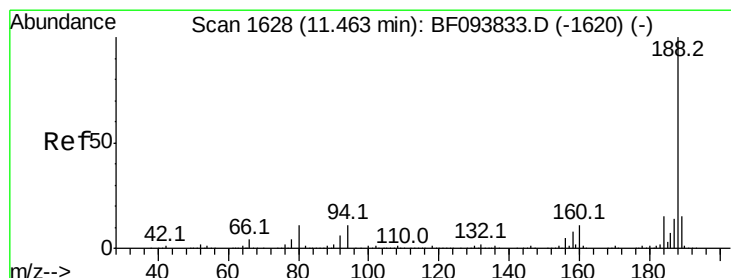
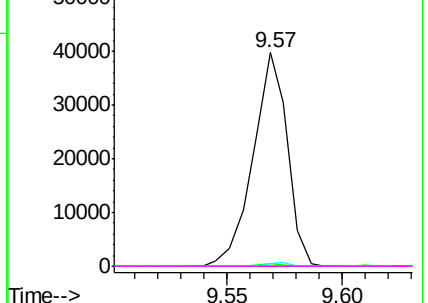


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.39 min Scan# 1616

Delta R.T. -0.03 min

Lab File: BF094008.D

Acq: 28 Mar 2017 22:26

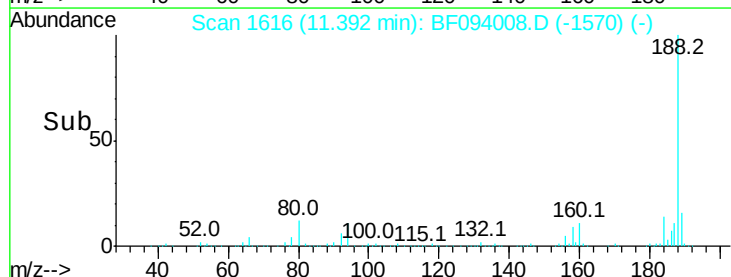
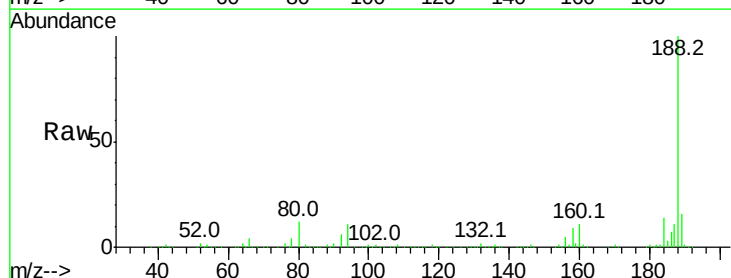
Tgt Ion:188 Resp: 557294

Ion Ratio Lower Upper

188 100

94 11.1 9.4 14.2

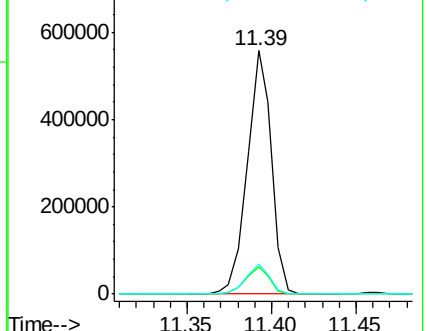
80 12.3 10.2 15.2

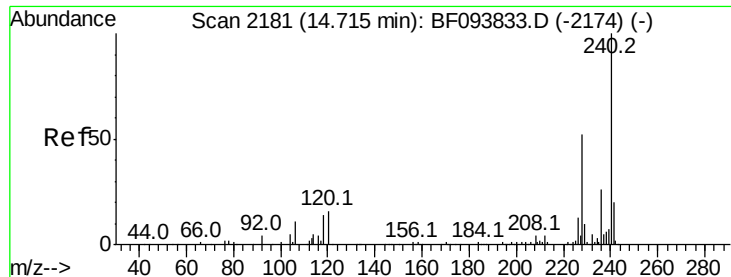


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.64 min Scan# 2169

Delta R.T. -0.04 min

Lab File: BF094008.D

Acq: 28 Mar 2017 22:26

Instrument :

BNA_F

ClientSampleId :

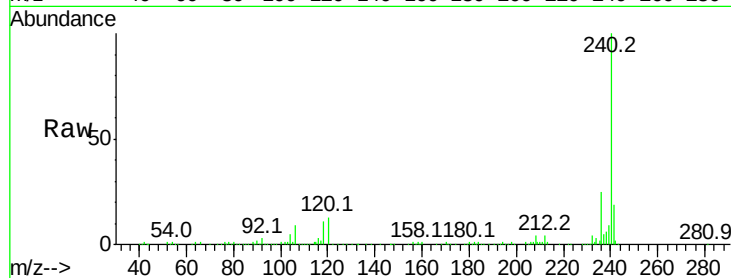
Tot Ion:240 Resp: 369521

Ion Ratio Lower Upper

240 100

120 12.9 5.8 8.8#

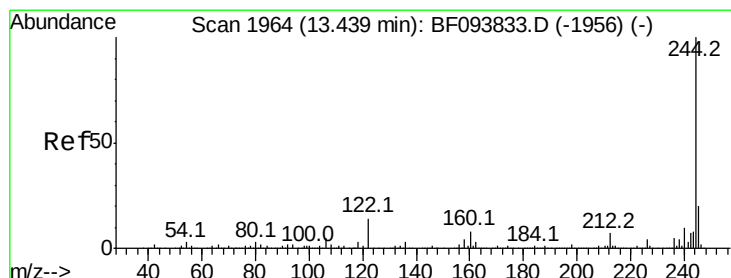
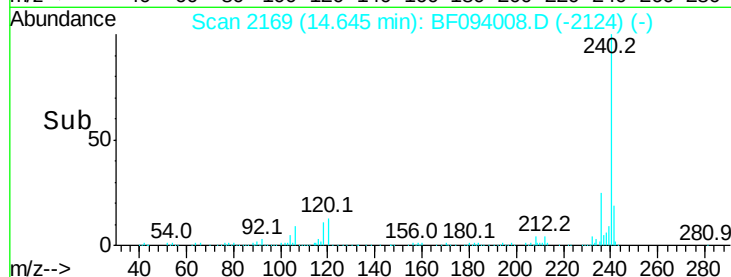
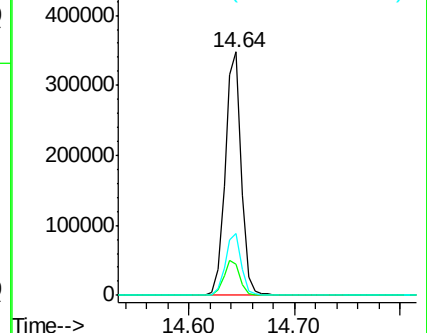
236 25.2 20.5 30.7



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: 98.15 ng

RT: 13.38 min Scan# 1954

Delta R.T. -0.02 min

Lab File: BF094008.D

Acq: 28 Mar 2017 22:26

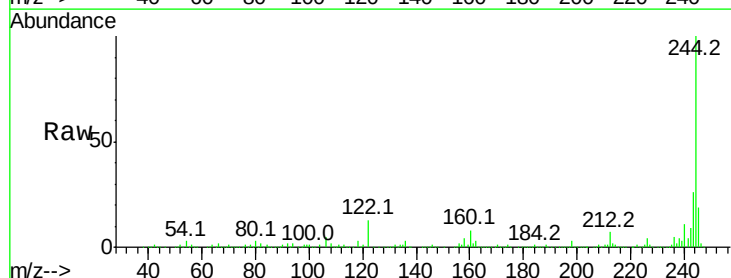
Tgt Ion:244 Resp: 1618127

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

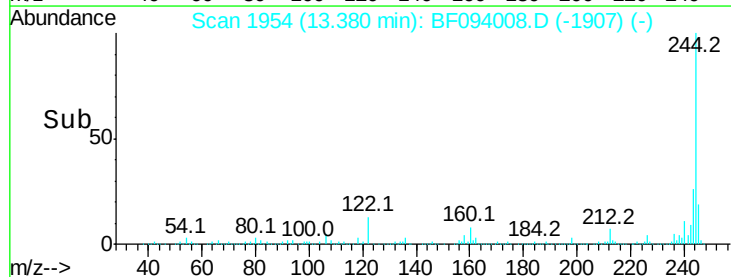
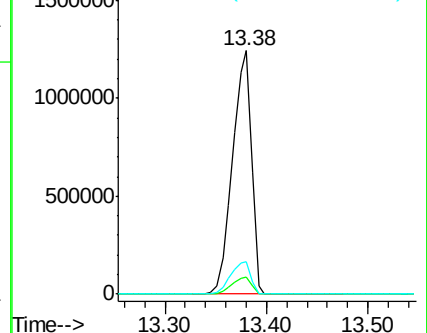
122 13.2 10.3 15.5

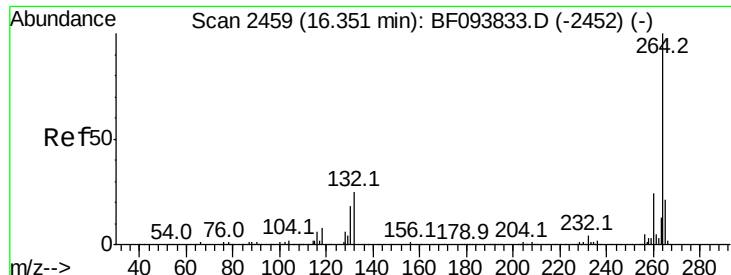


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

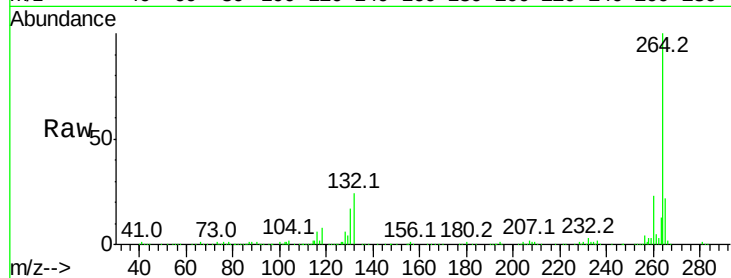




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.27 min Scan# 2446
Delta R.T. -0.04 min
Lab File: BF094008.D
Acq: 28 Mar 2017 22:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.8	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

