

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
 Data File : BF094006.D
 Acq On : 28 Mar 2017 21:31
 Operator : SJ/MA
 Sample : I2421-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 29 02:39:32 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

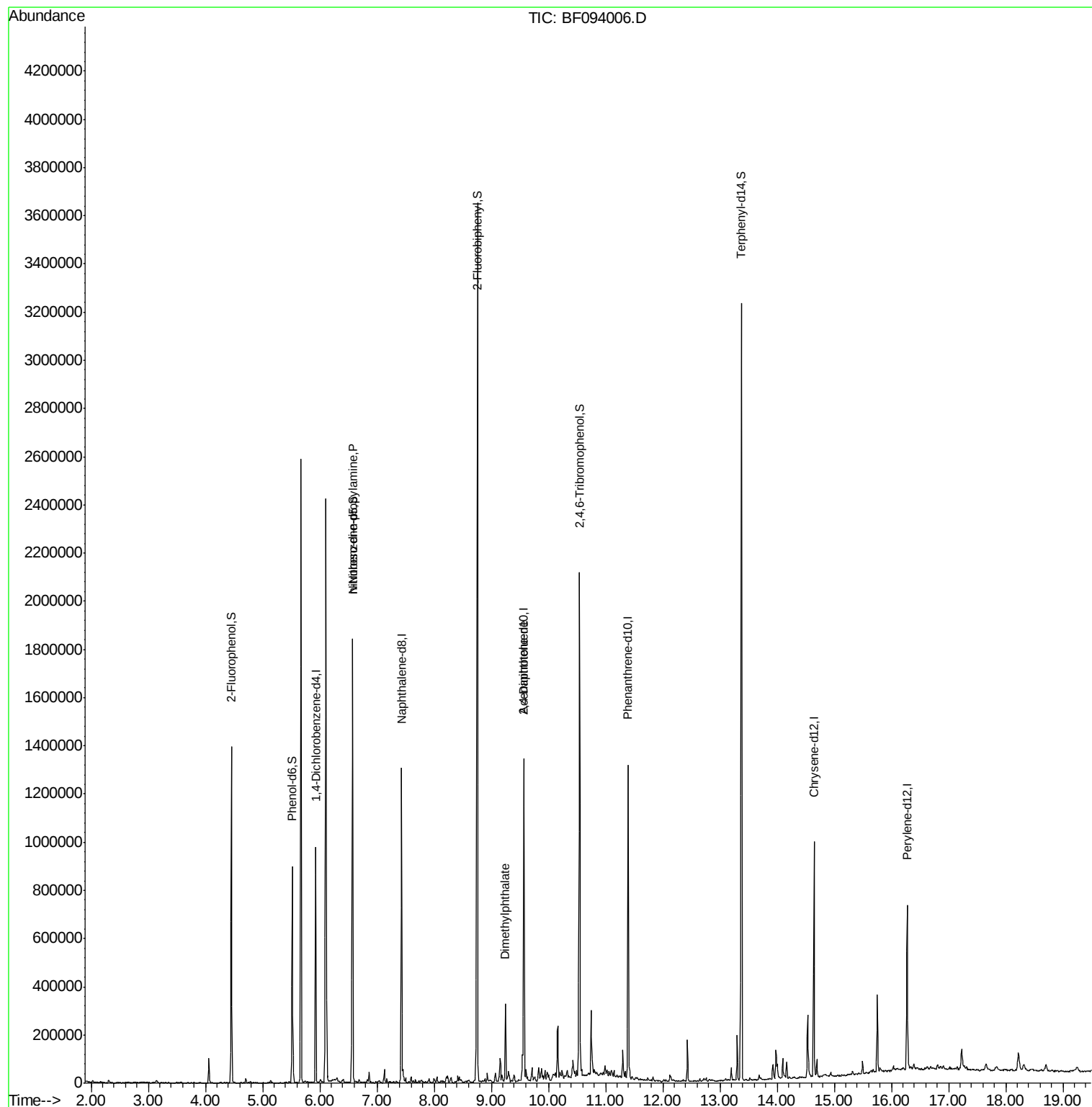
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.93	152	163260	20.00	ng	-0.02
21) Naphthalene-d8	7.43	136	667500	20.00	ng	-0.03
38) Acenaphthene-d10	9.57	164	309346	20.00	ng	-0.03
63) Phenanthrene-d10	11.39	188	536683	20.00	ng	-0.03
75) Chrysene-d12	14.64	240	370151	20.00	ng	-0.04
86) Perylene-d12	16.27	264	268526	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	4.45	112	415946	43.03	ng	-0.02
7) Phenol-d6	5.52	99	332611	27.82	ng	-0.03
23) Nitrobenzene-d5	6.57	82	738703	63.16	ng	-0.03
41) 2,4,6-Tribromophenol	10.55	330	280496	114.75	ng	-0.03
44) 2-Fluorobiphenyl	8.76	172	1457720	71.87	ng	-0.02
78) Terphenyl-d14	13.37	244	1241973	75.21	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.57	70	96357	12.54	ng	# 80
49) Dimethylphthalate	9.25	163	153569	6.98	ng	99
56) 2,4-Dinitrotoluene	9.57	165	40358	6.37	ng	# 33

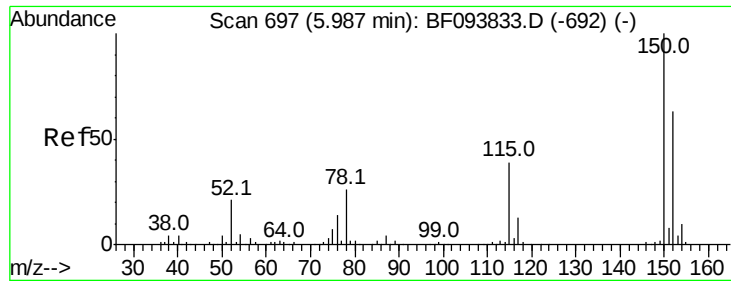
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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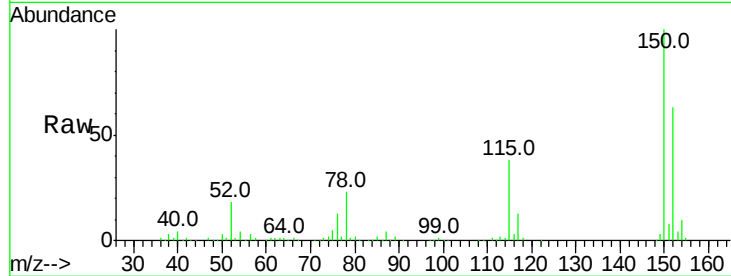


#1

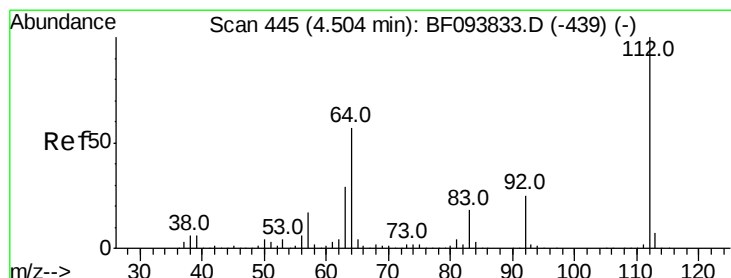
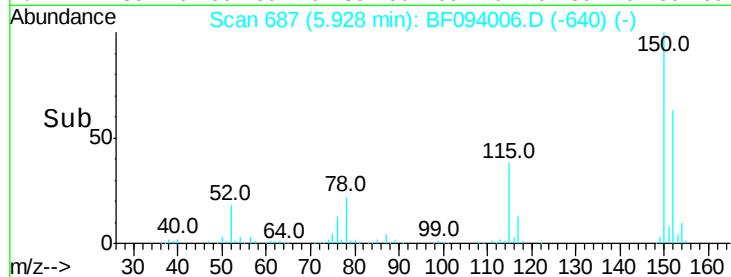
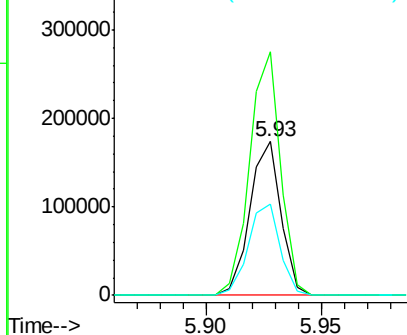
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.93 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF094006.D
Acq: 28 Mar 2017 21:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 163260
Ion Ratio Lower Upper
152 100
150 158.6 126.2 189.2
115 59.7 52.2 78.2



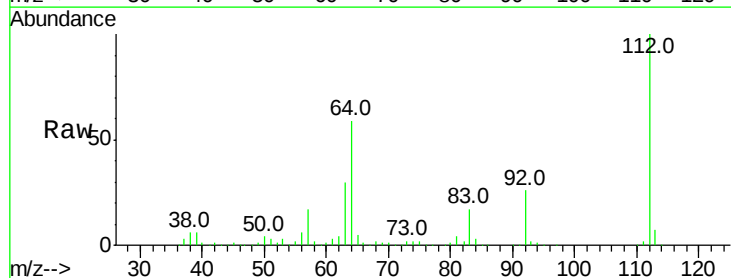
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



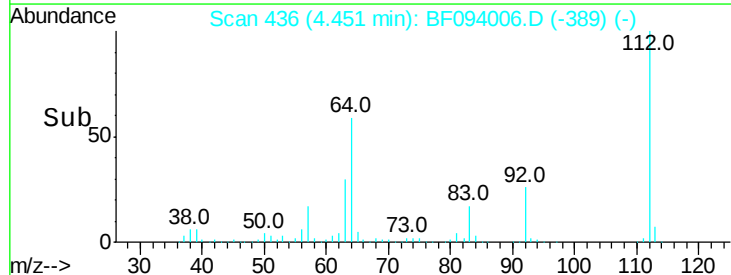
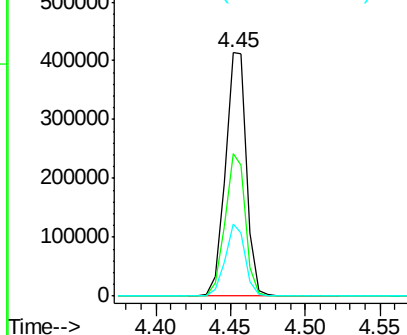
#5

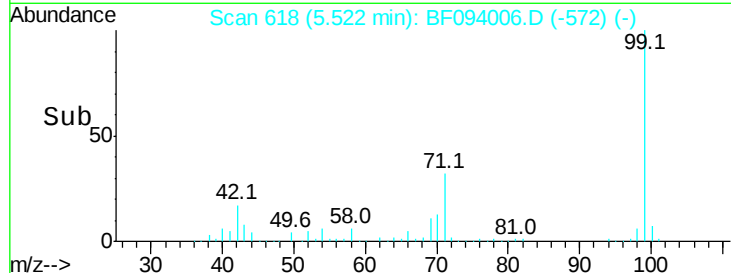
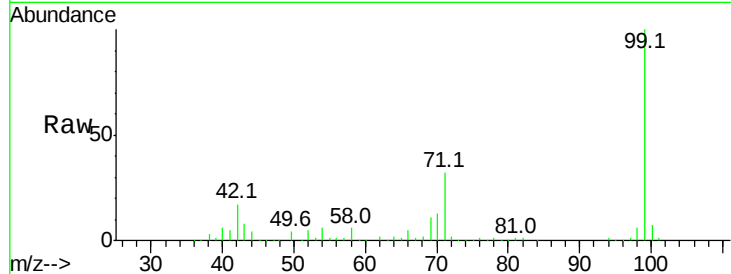
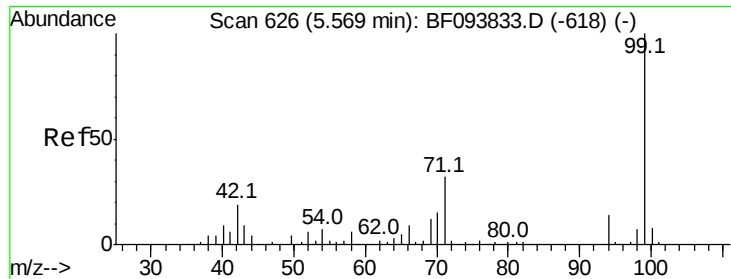
2-Fluorophenol
Concen: 43.03 ng
RT: 4.45 min Scan# 436
Delta R.T. -0.02 min
Lab File: BF094006.D
Acq: 28 Mar 2017 21:31

Tgt Ion:112 Resp: 415946
Ion Ratio Lower Upper
112 100
64 58.6 46.0 69.0
63 29.6 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: 27.82 ng

RT: 5.52 min Scan# 618

Delta R.T. -0.03 min

Lab File: BF094006.D

Acq: 28 Mar 2017 21:31

Instrument :

BNA_F

ClientSampleId :

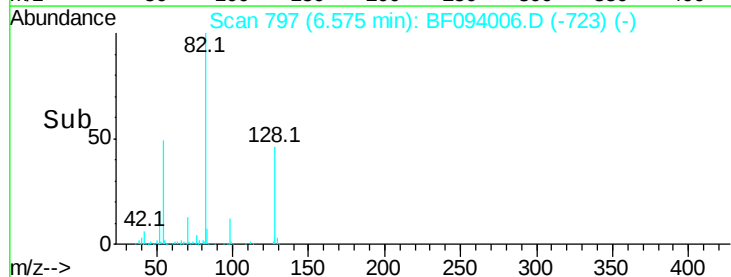
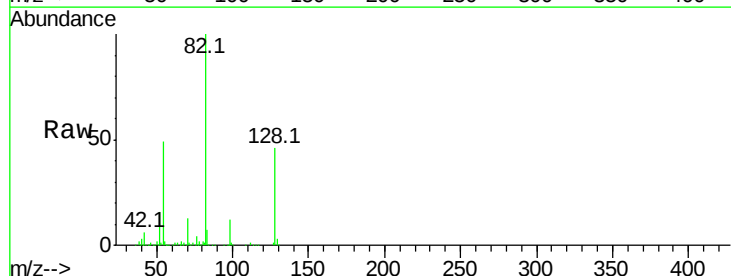
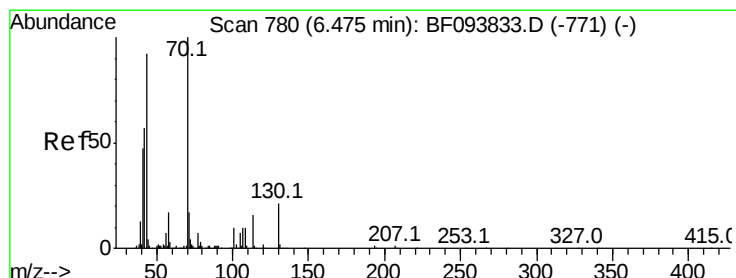
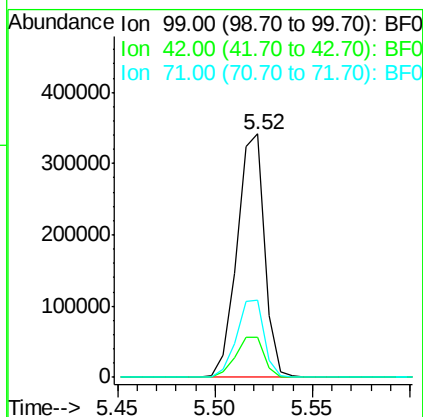
Tot Ion: 99 Resp: 332611

Ion Ratio Lower Upper

99 100

42 16.6 13.5 20.3

71 31.8 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 12.54 ng

RT: 6.57 min Scan# 797

Delta R.T. 0.14 min

Lab File: BF094006.D

Acq: 28 Mar 2017 21:31

Tgt Ion: 70 Resp: 96357

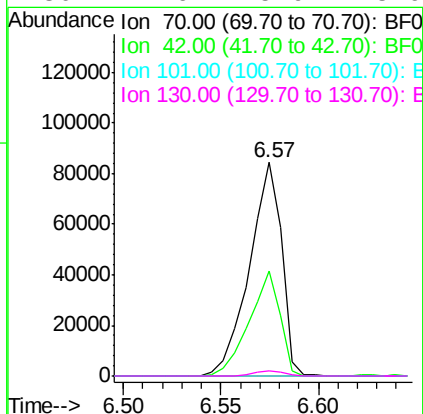
Ion Ratio Lower Upper

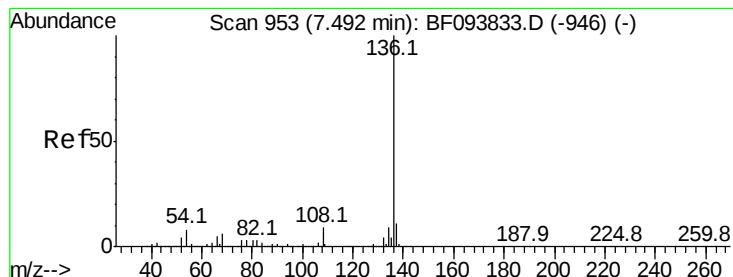
70 100

42 49.0 47.2 70.8

101 0.0 7.2 10.8#

130 2.6 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: BF094006.D

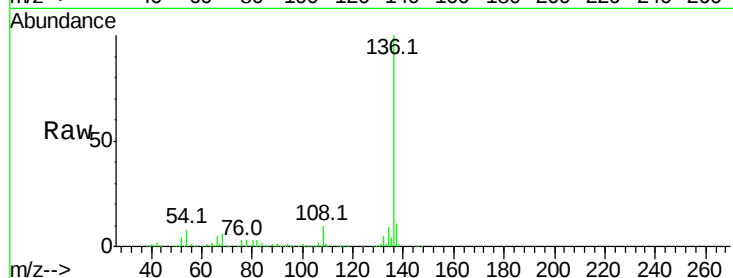
Acq: 28 Mar 2017 21:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	667500
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.5	12.7
54 7.6	4.9	7.3#
68 6.1	4.1	6.1

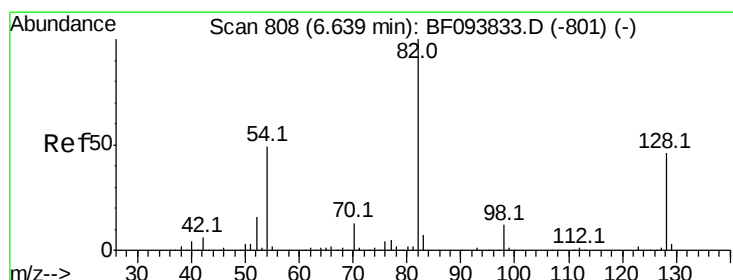
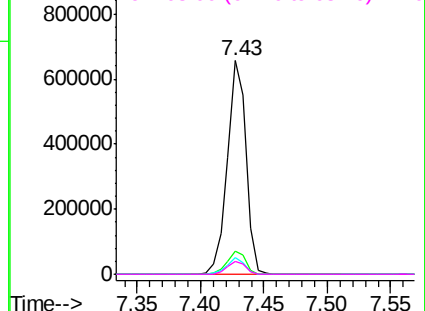
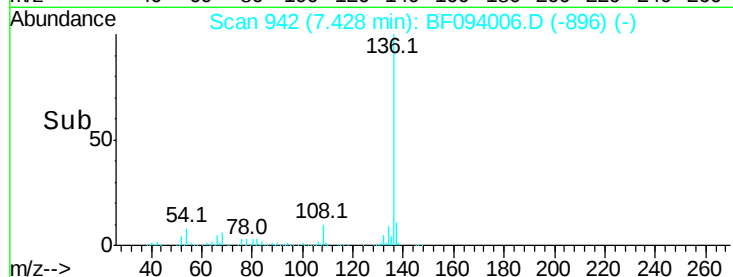


Abundance Ion 136.00 (135.70 to 136.70): E

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: 63.16 ng

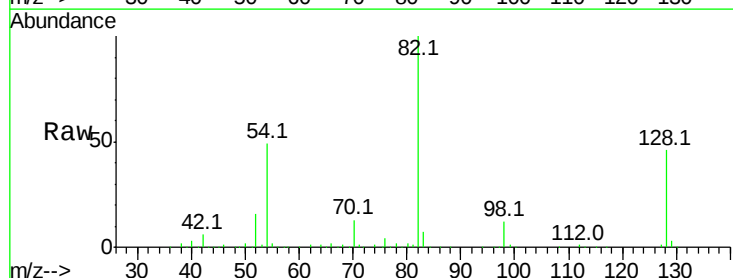
RT: 6.57 min Scan# 797

Delta R.T. -0.03 min

Lab File: BF094006.D

Acq: 28 Mar 2017 21:31

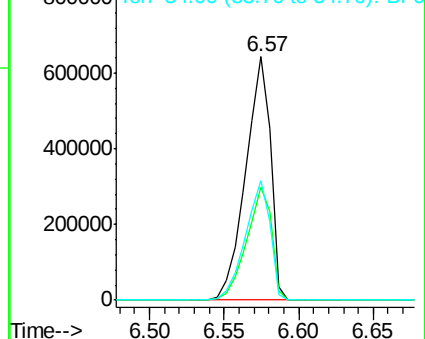
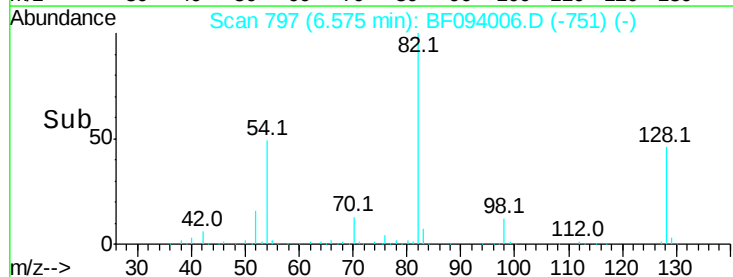
Tgt Ion: 82	Resp:	738703
Ion Ratio	Lower	Upper
82 100		
128 46.2	34.0	51.0
54 48.9	42.2	63.2

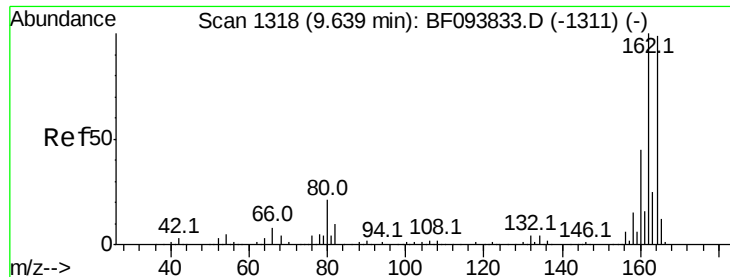


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.57 min Scan# 1306

Delta R.T. -0.03 min

Lab File: BF094006.D

Acq: 28 Mar 2017 21:31

Instrument :

BNA_F

ClientSampleId :

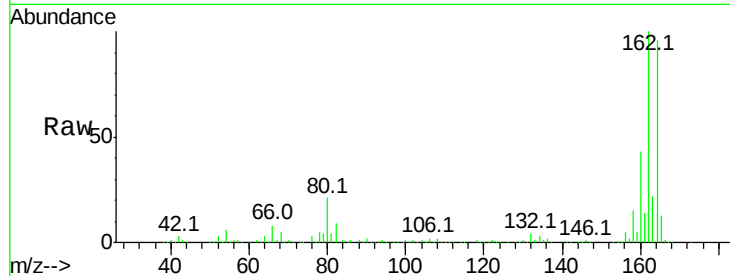
Tot Ion:164 Resp: 309346

Ion Ratio Lower Upper

164 100

162 104.1 82.6 123.8

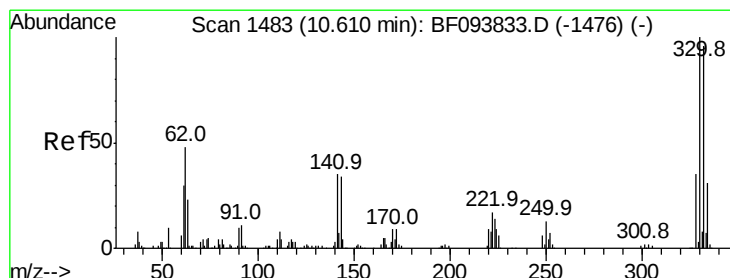
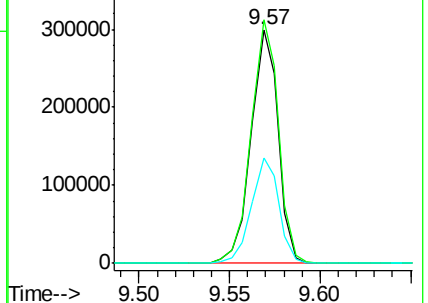
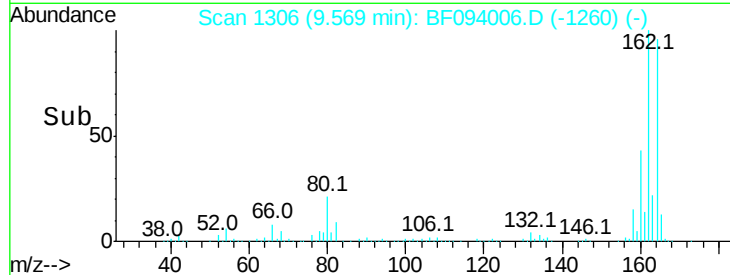
160 45.0 36.2 54.2



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: 114.75 ng

RT: 10.55 min Scan# 1472

Delta R.T. -0.03 min

Lab File: BF094006.D

Acq: 28 Mar 2017 21:31

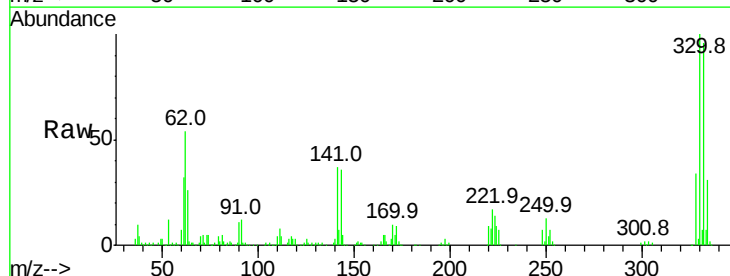
Tgt Ion:330 Resp: 280496

Ion Ratio Lower Upper

330 100

332 96.3 76.6 115.0

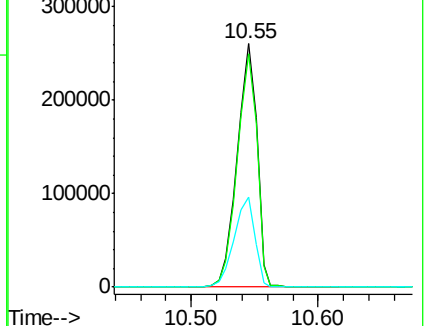
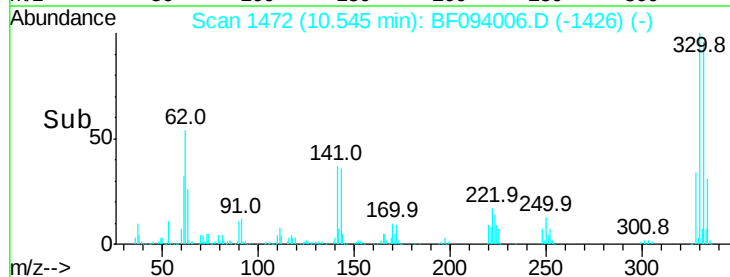
141 39.5 31.4 47.2



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

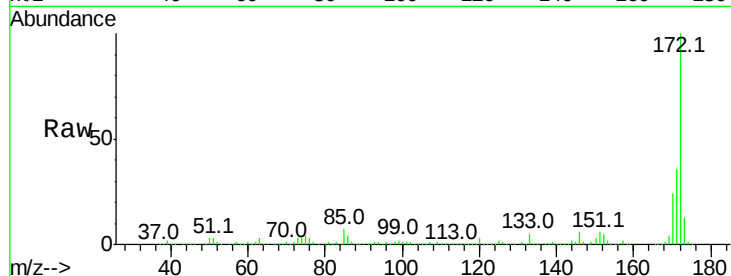




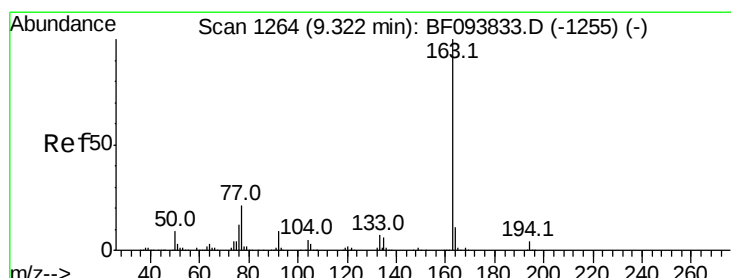
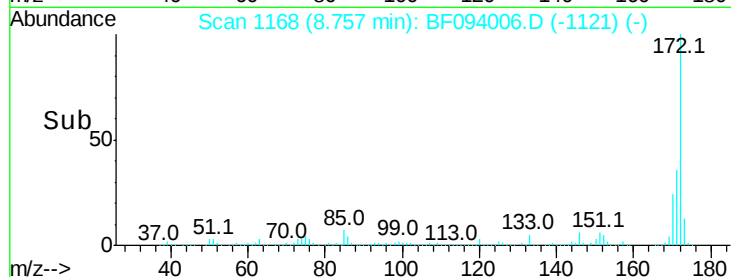
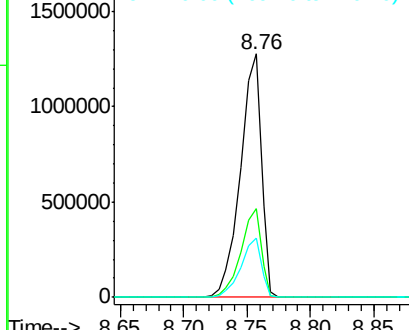
#44
2-Fluorobiphenyl
Concen: 71.87 ng
RT: 8.76 min Scan# 1168
Delta R.T. -0.02 min
Lab File: BF094006.D
Acq: 28 Mar 2017 21:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1457720
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 24.4 19.8 29.8

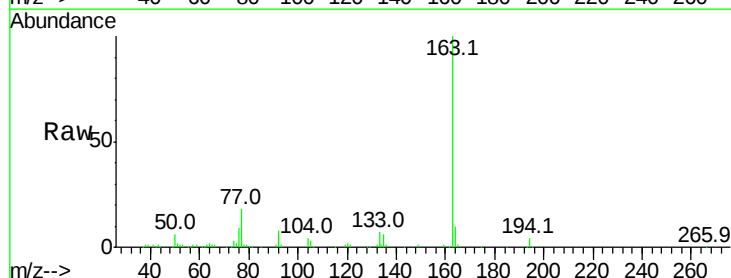


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

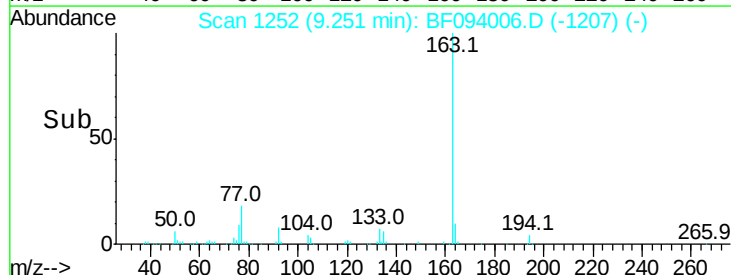
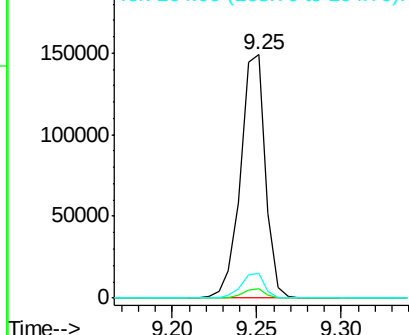


#49
Dimethylphthalate
Concen: 6.98 ng
RT: 9.25 min Scan# 1252
Delta R.T. -0.04 min
Lab File: BF094006.D
Acq: 28 Mar 2017 21:31

Tgt Ion:163 Resp: 153569
Ion Ratio Lower Upper
163 100
194 3.8 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





#56

2,4-Dinitrotoluene

Concen: 6.37 ng

RT: 9.57 min Scan# 1306

Delta R.T. -0.28 min

Lab File: BF094006.D

Acq: 28 Mar 2017 21:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 40358

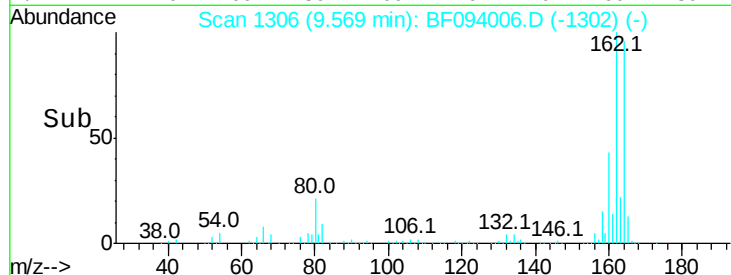
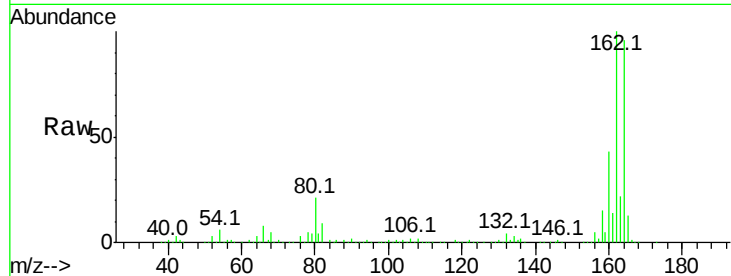
Ion Ratio Lower Upper

165 100

63 1.8 25.4 38.0#

89 1.2 46.4 69.6#

182 0.0 1.8 2.6#

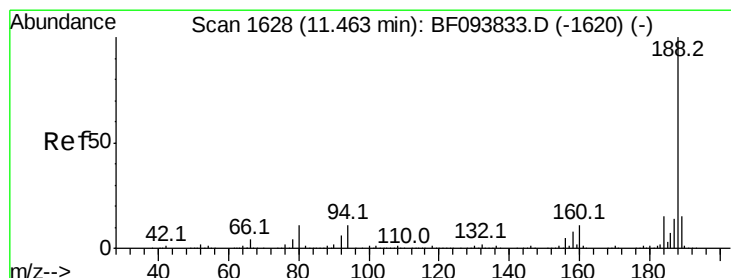
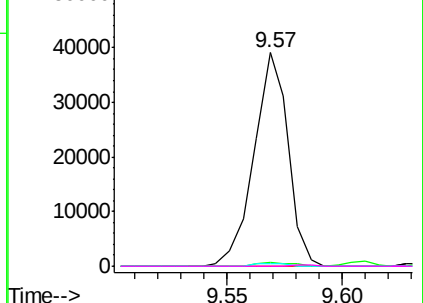


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF094006.D

Acq: 28 Mar 2017 21:31

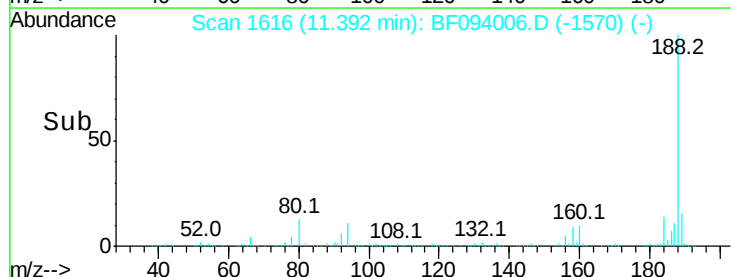
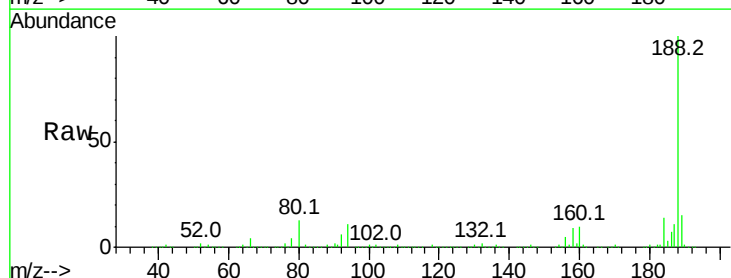
Tgt Ion:188 Resp: 536683

Ion Ratio Lower Upper

188 100

94 11.4 9.4 14.2

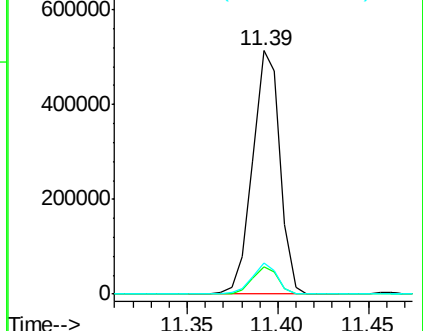
80 12.6 10.2 15.2

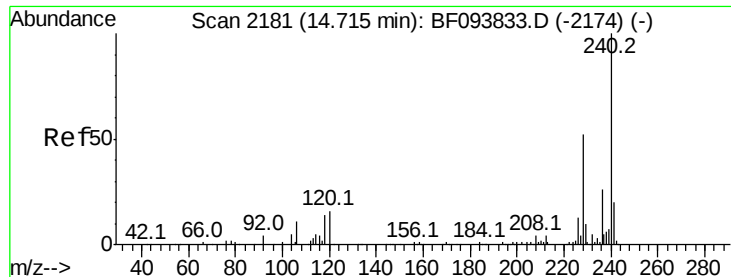


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF094006.D

Acq: 28 Mar 2017 21:31

Instrument :

BNA_F

ClientSampled :

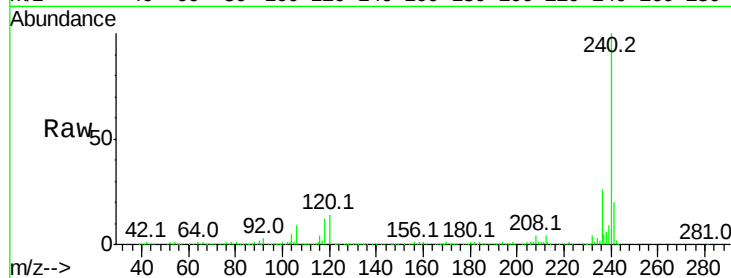
Tot Ion:240 Resp: 370151

Ion Ratio Lower Upper

240 100

120 14.2 5.8 8.8#

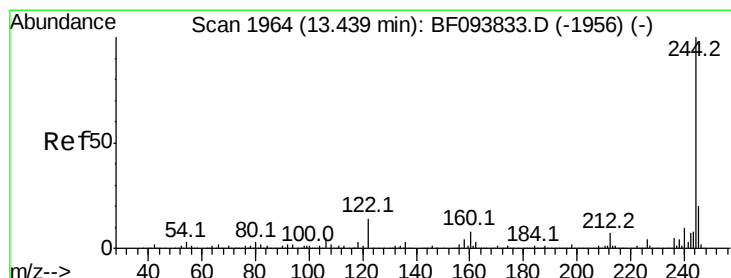
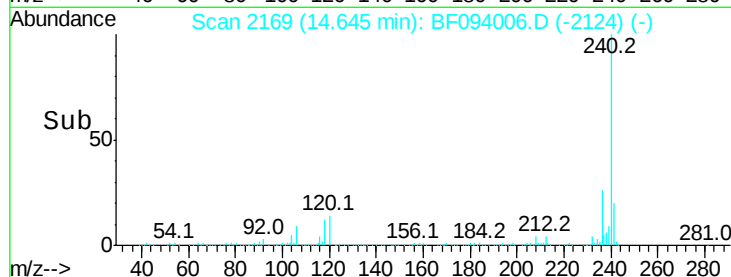
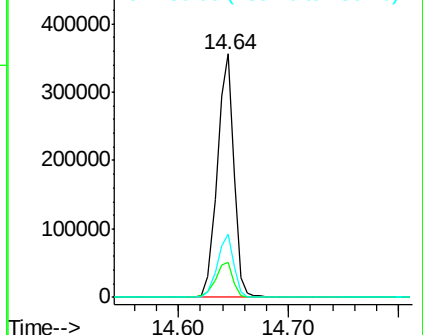
236 25.7 20.5 30.7



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: 75.21 ng

RT: 13.37 min Scan# 1953

Delta R.T. -0.03 min

Lab File: BF094006.D

Acq: 28 Mar 2017 21:31

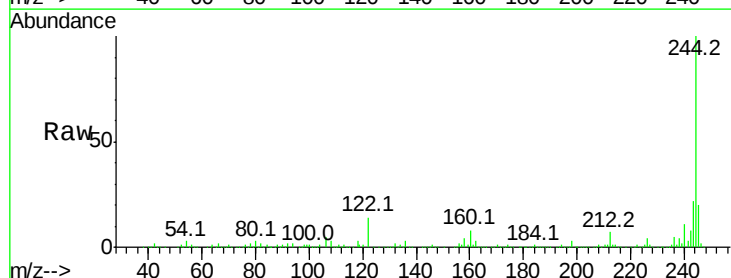
Tgt Ion:244 Resp: 1241973

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

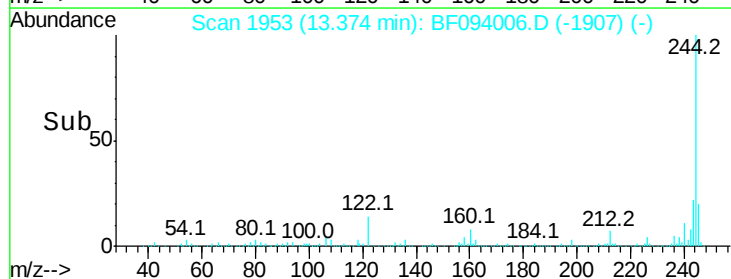
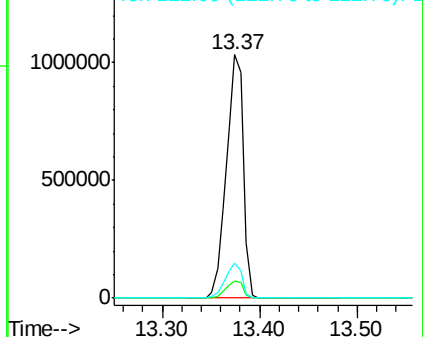
122 14.5 10.3 15.5

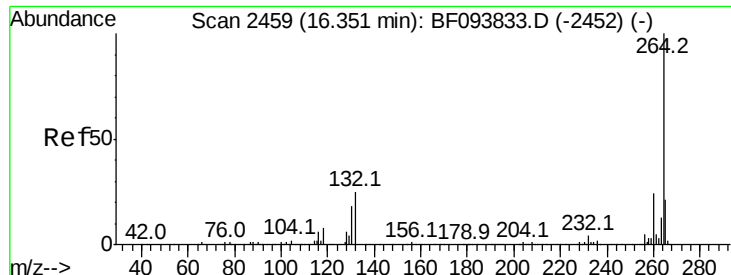


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

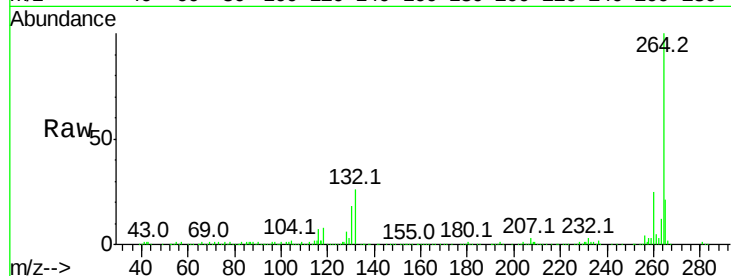




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.27 min Scan# 2446
 Delta R.T. -0.04 min
 Lab File: BF094006.D
 Acq: 28 Mar 2017 21:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	268526
Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	21.2	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

