

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040517\
 Data File : BF094195.D
 Acq On : 5 Apr 2017 17:58
 Operator : SJ/MA
 Sample : I2523-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BASING-12(0-2)

Quant Time: Apr 06 01:08:39 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

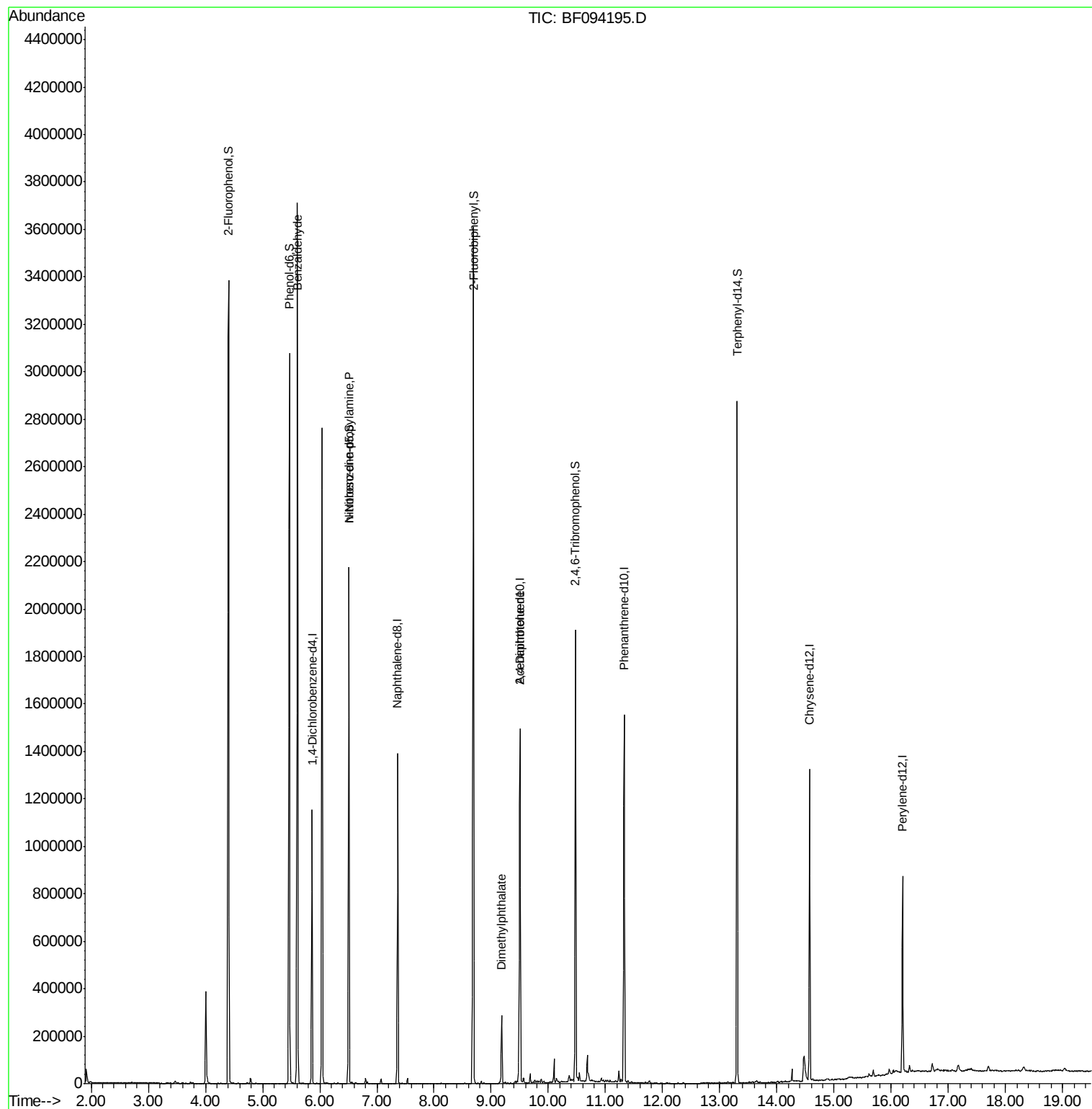
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.86	152	175912	20.00	ng	-0.04
21) Naphthalene-d8	7.36	136	707336	20.00	ng	-0.05
38) Acenaphthene-d10	9.50	164	326989	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	588118	20.00	ng	-0.05
75) Chrysene-d12	14.57	240	490277	20.00	ng	-0.05
86) Perylene-d12	16.20	264	329333	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	1082856	103.97	ng	-0.03
7) Phenol-d6	5.47	99	1387754	107.71	ng	-0.04
23) Nitrobenzene-d5	6.51	82	848984	68.50	ng	-0.05
41) 2,4,6-Tribromophenol	10.47	330	237214	91.80	ng	-0.05
44) 2-Fluorobiphenyl	8.69	172	1336177	62.33	ng	-0.05
78) Terphenyl-d14	13.30	244	1056777	48.31	ng	-0.05
Target Compounds						
9) Benzaldehyde	5.61	77	24035	2.76	ng	Qvalue 85
19) n-Nitroso-di-n-propylamine	6.51	70	111608	13.48	ng	# 78
49) Dimethylphthalate	9.18	163	129200	5.56	ng	99
56) 2,4-Dinitrotoluene	9.50	165	41547	6.21	ng	# 32

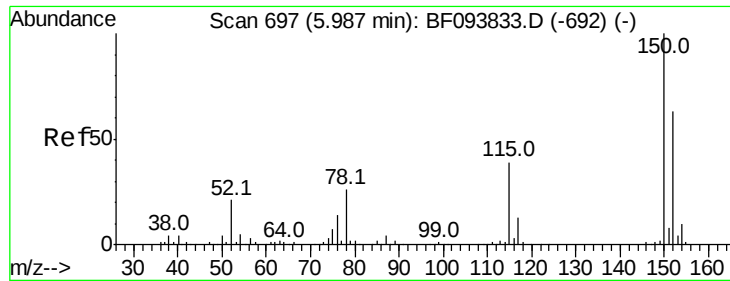
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.86 min Scan# 676

Delta R.T. -0.04 min

Lab File: BF094195.D

Acq: 5 Apr 2017 17:58

Instrument :

BNA_F

ClientSampleId :

BASING-12(0-2)

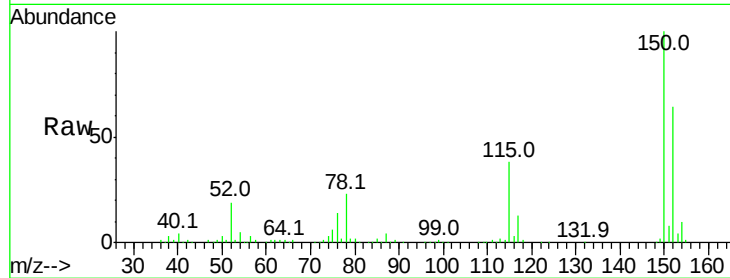
Tot Ion:152 Resp: 175912

Ion Ratio Lower Upper

152 100

150 156.1 126.2 189.2

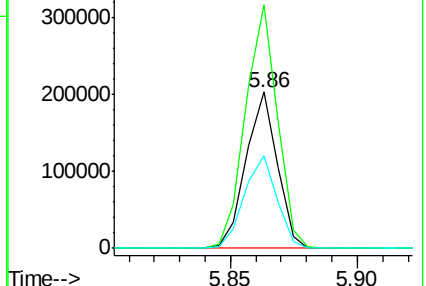
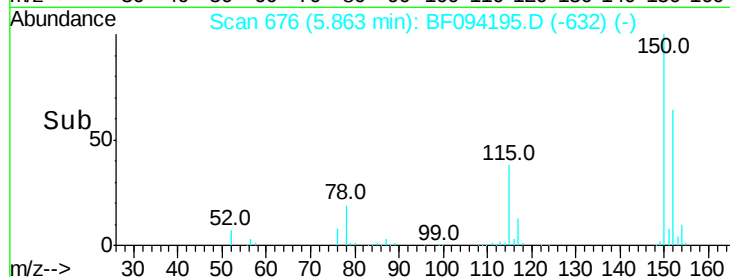
115 59.3 52.2 78.2



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: 103.97 ng

RT: 4.40 min Scan# 428

Delta R.T. -0.03 min

Lab File: BF094195.D

Acq: 5 Apr 2017 17:58

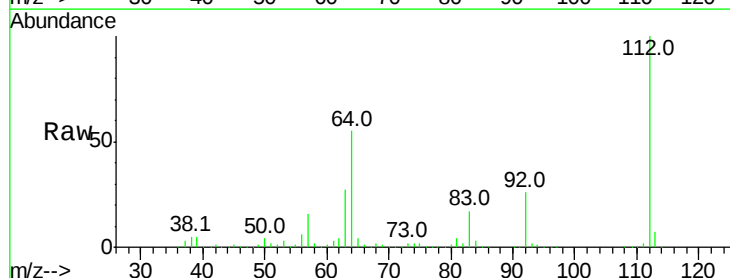
Tgt Ion:112 Resp: 1082856

Ion Ratio Lower Upper

112 100

64 55.0 46.0 69.0

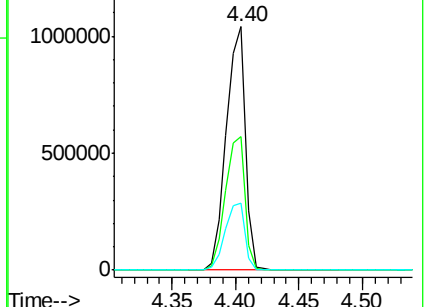
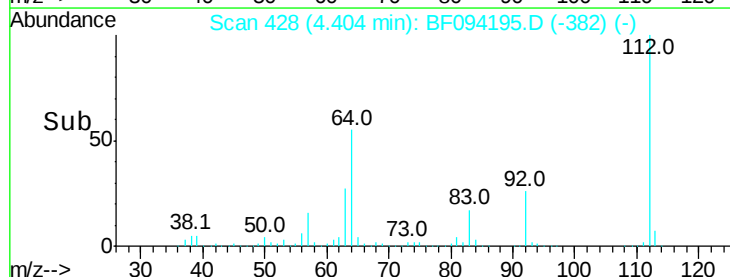
63 27.5 23.4 35.0



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: 107.71 ng

RT: 5.47 min Scan# 609

Delta R.T. -0.04 min

Lab File: BF094195.D

Acq: 5 Apr 2017 17:58

Instrument :

BNA_F

ClientSampleId :

BASING-12(0-2)

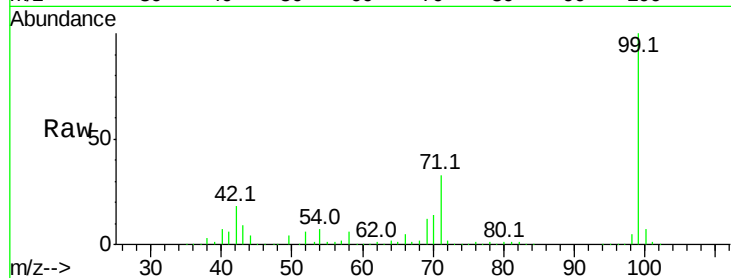
Tot Ion: 99 Resp: 1387754

Ion Ratio Lower Upper

99 100

42 18.1 13.5 20.3

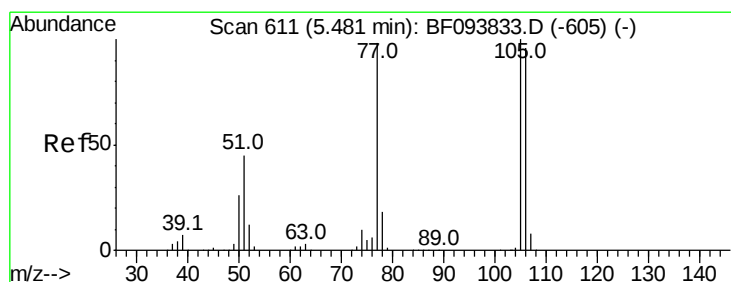
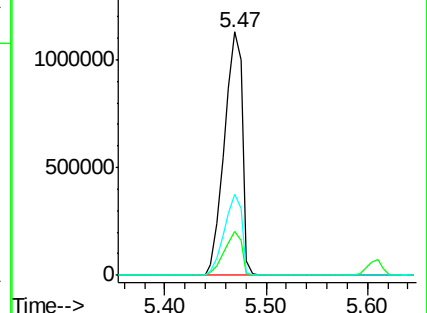
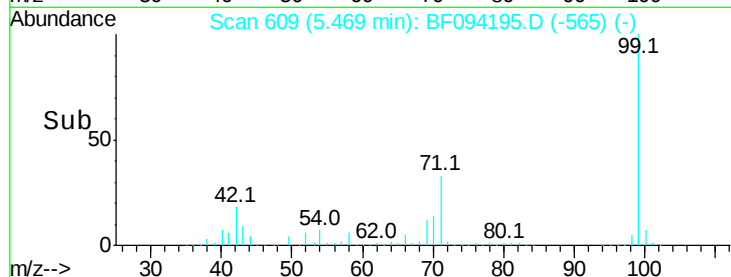
71 33.5 24.5 36.7



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



#9

Benzaldehyde

Concen: 2.76 ng

RT: 5.61 min Scan# 633

Delta R.T. 0.21 min

Lab File: BF094195.D

Acq: 5 Apr 2017 17:58

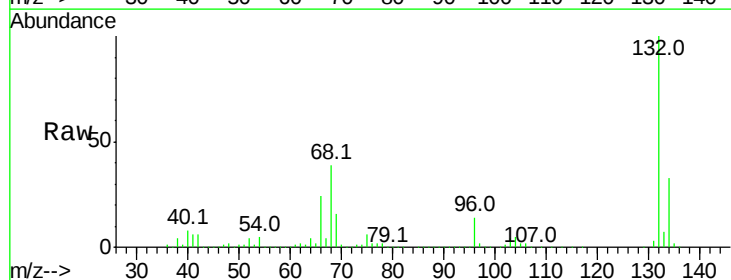
Tgt Ion: 77 Resp: 24035

Ion Ratio Lower Upper

77 100

105 88.1 83.8 123.8

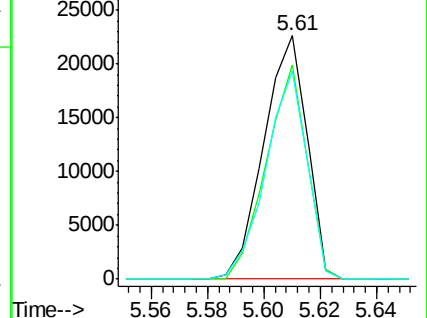
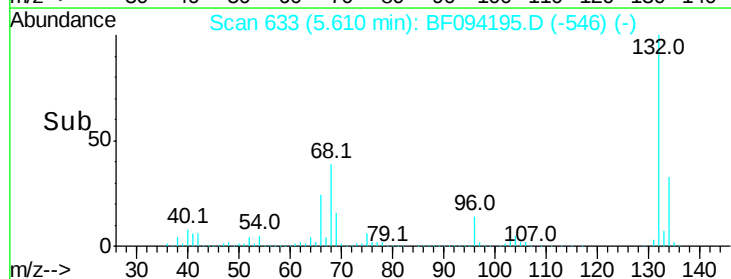
106 85.4 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0

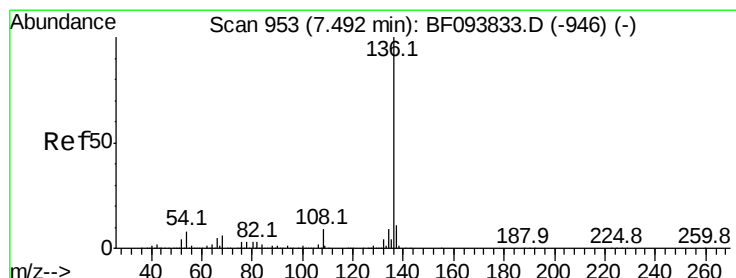
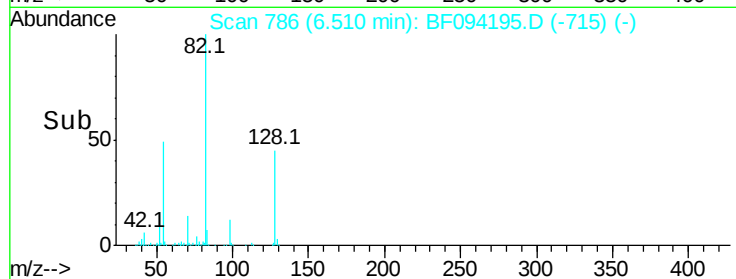
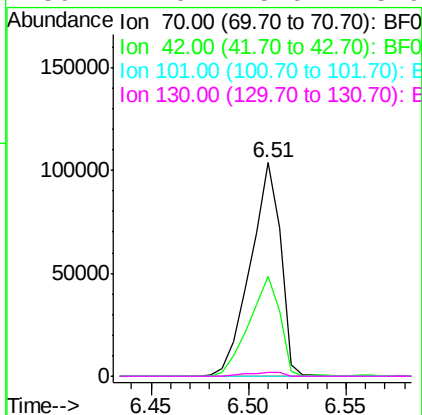
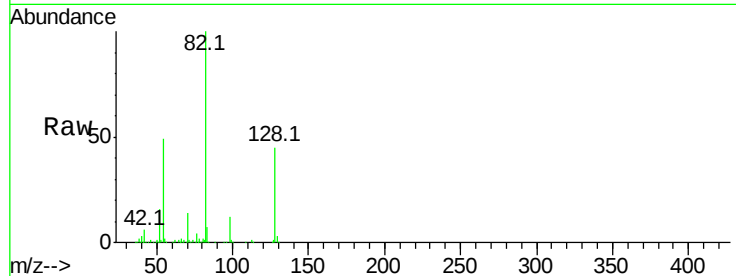




#19
n-Nitroso-di-n-propylamine
Concen: 13.48 ng
RT: 6.51 min Scan# 786
Delta R.T. 0.12 min
Lab File: BF094195.D
Acq: 5 Apr 2017 17:58

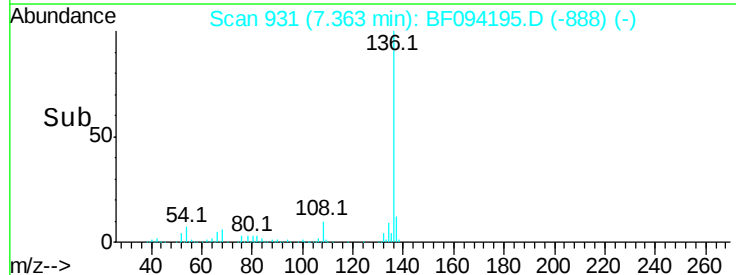
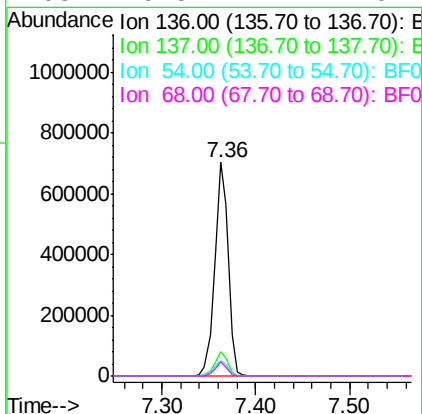
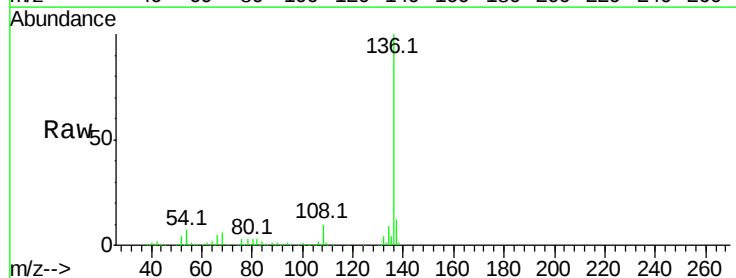
Instrument :
BNA_F
ClientSampleId :
BASING-12(0-2)

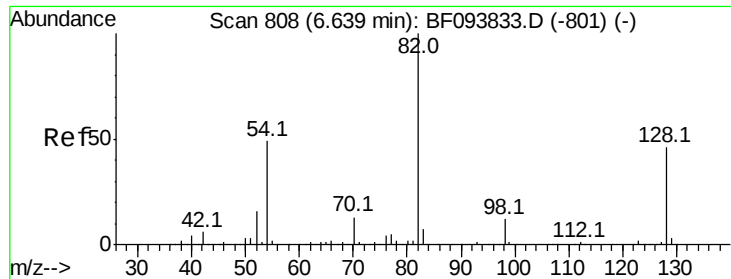
Tot Ion: 70 Resp: 111608
Ion Ratio Lower Upper
70 100
42 46.9 47.2 70.8#
101 0.0 7.2 10.8#
130 1.9 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.36 min Scan# 931
Delta R.T. -0.05 min
Lab File: BF094195.D
Acq: 5 Apr 2017 17:58

Tgt Ion: 136 Resp: 707336
Ion Ratio Lower Upper
136 100
137 11.6 8.5 12.7
54 7.4 4.9 7.3#
68 6.3 4.1 6.1#

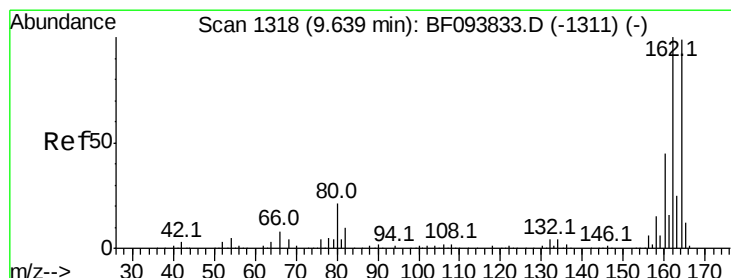
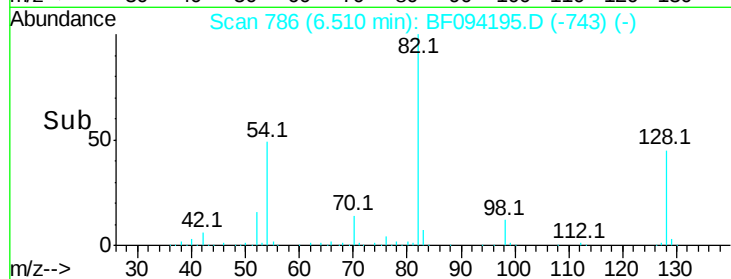
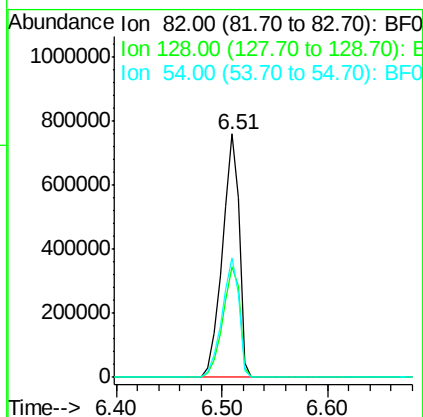
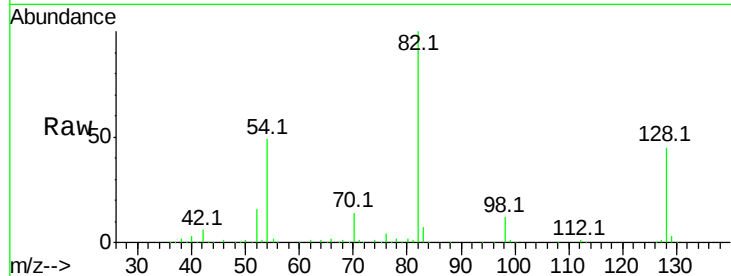




#23
 Nitrobenzene-d5
 Concen: 68.50 ng
 RT: 6.51 min Scan# 786
 Delta R.T. -0.05 min
 Lab File: BF094195.D
 Acq: 5 Apr 2017 17:58

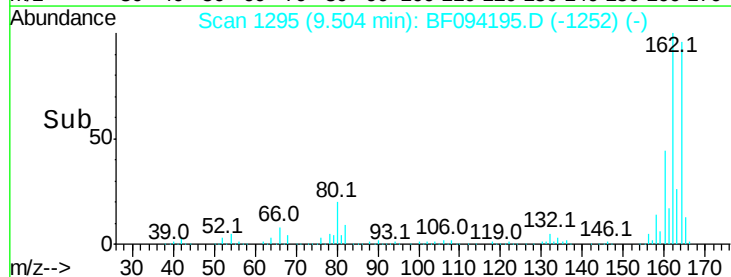
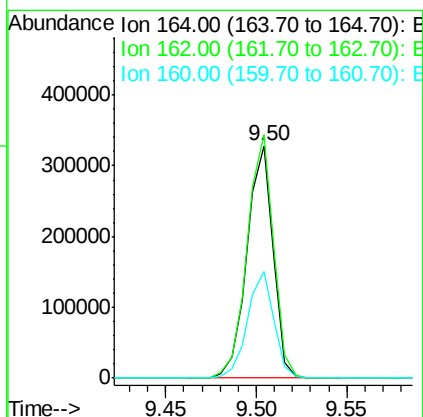
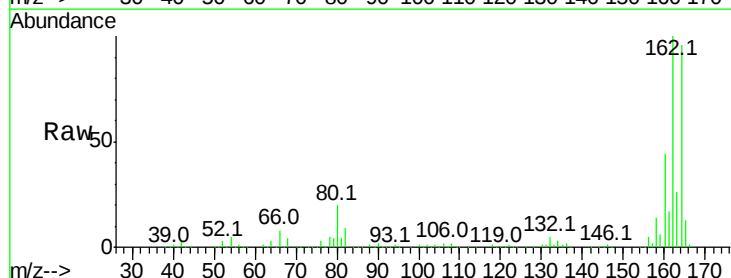
Instrument :
 BNA_F
 ClientSampleId :
 BASING-12(0-2)

Tot Ion: 82 Resp: 848984
 Ion Ratio Lower Upper
 82 100
 128 45.4 34.0 51.0
 54 49.1 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 1295
 Delta R.T. -0.05 min
 Lab File: BF094195.D
 Acq: 5 Apr 2017 17:58

Tgt Ion:164 Resp: 326989
 Ion Ratio Lower Upper
 164 100
 162 104.7 82.6 123.8
 160 46.1 36.2 54.2

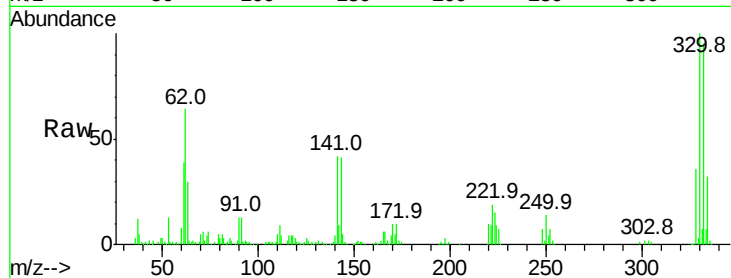




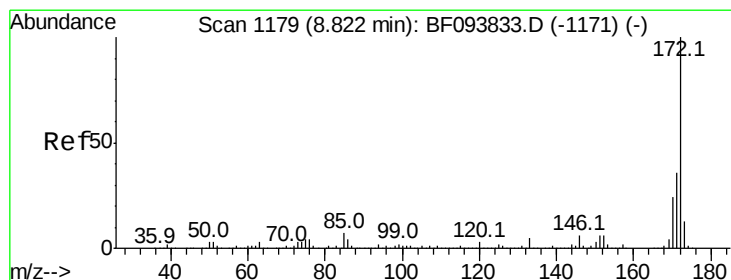
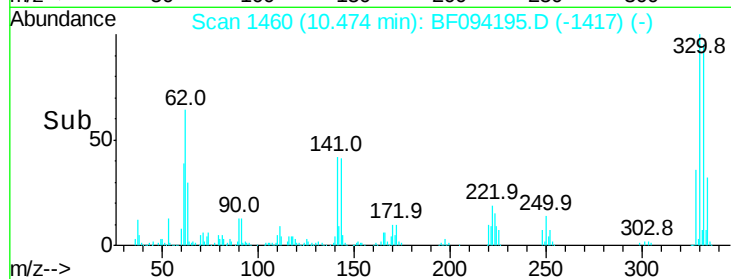
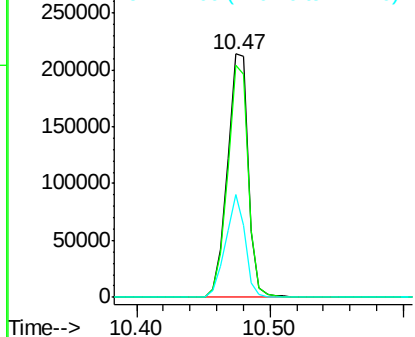
#41
 2,4,6-Tribromophenol
 Concen: 91.80 ng
 RT: 10.47 min Scan# 1460
 Delta R.T. -0.05 min
 Lab File: BF094195.D
 Acq: 5 Apr 2017 17:58

Instrument :
 BNA_F
 ClientSampleId :
 BASING-12(0-2)

Tot Ion:330 Resp: 237214
 Ion Ratio Lower Upper
 330 100
 332 94.5 76.6 115.0
 141 39.4 31.4 47.2

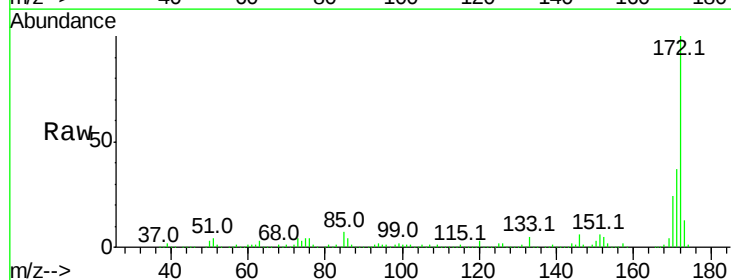


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

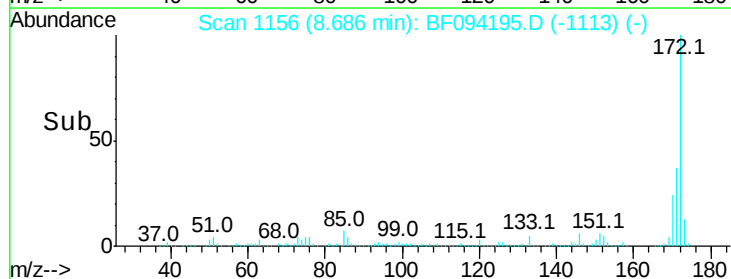
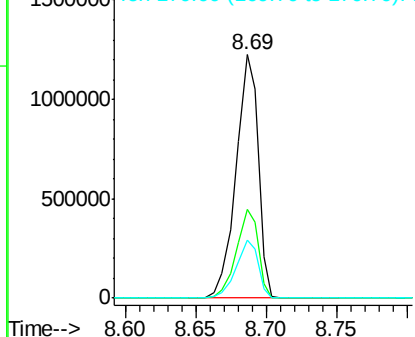


#44
 2-Fluorobiphenyl
 Concen: 62.33 ng
 RT: 8.69 min Scan# 1156
 Delta R.T. -0.05 min
 Lab File: BF094195.D
 Acq: 5 Apr 2017 17:58

Tgt Ion:172 Resp: 1336177
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 24.0 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

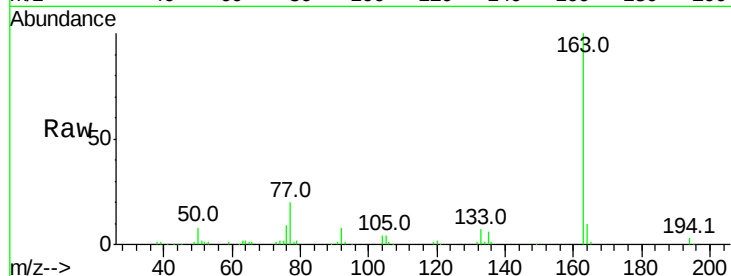




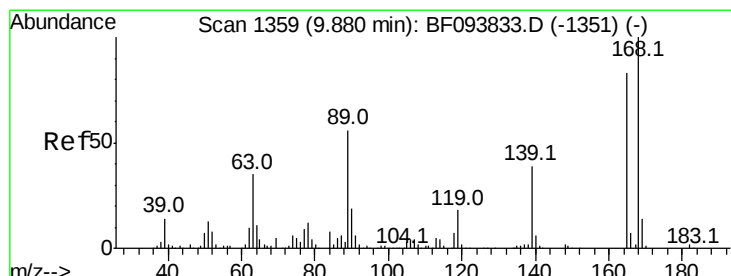
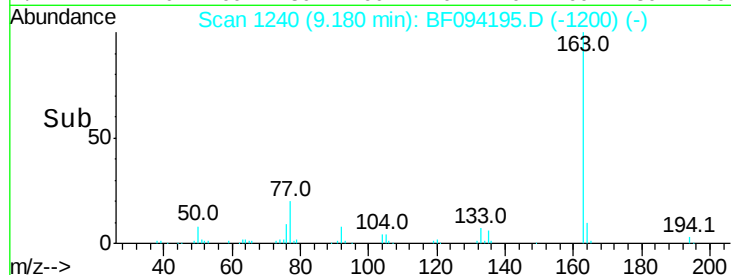
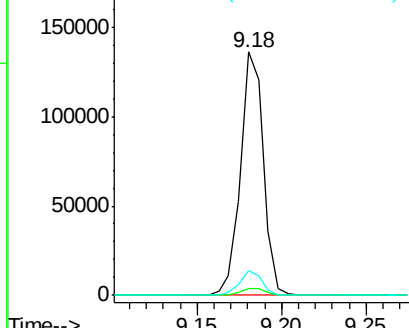
#49
Dimethylphthalate
Concen: 5.56 ng
RT: 9.18 min Scan# 1240
Delta R.T. -0.06 min
Lab File: BF094195.D
Acq: 5 Apr 2017 17:58

Instrument :
BNA_F
ClientSampleId :
BASING-12(0-2)

Tot Ion:163 Resp: 129200
Ion Ratio Lower Upper
163 100
194 2.9 2.6 4.0
164 10.1 8.4 12.6

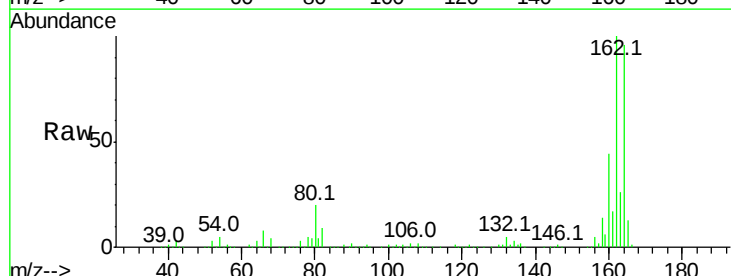


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

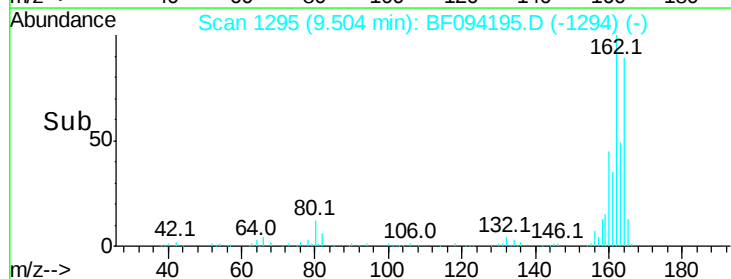
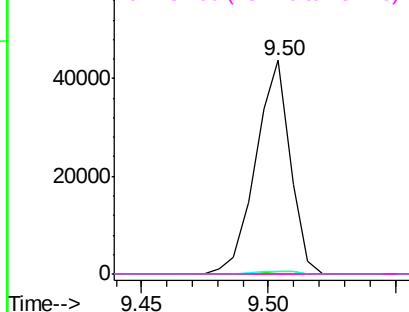


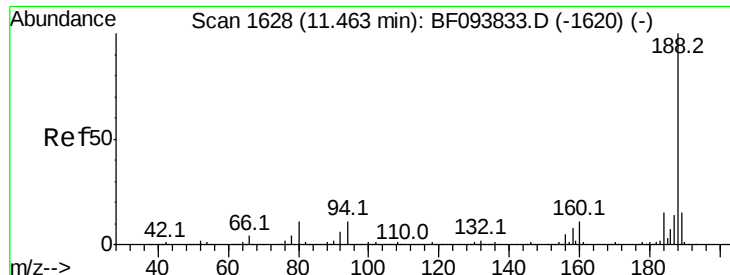
#56
2,4-Dinitrotoluene
Concen: 6.21 ng
RT: 9.50 min Scan# 1295
Delta R.T. -0.29 min
Lab File: BF094195.D
Acq: 5 Apr 2017 17:58

Tgt Ion:165 Resp: 41547
Ion Ratio Lower Upper
165 100
63 1.1 25.4 38.0#
89 1.1 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: 11.33 min Scan# 1605

Delta R.T. -0.05 min

Lab File: BF094195.D

Acq: 5 Apr 2017 17:58

Instrument :

BNA_F

ClientSampleId :

BASING-12(0-2)

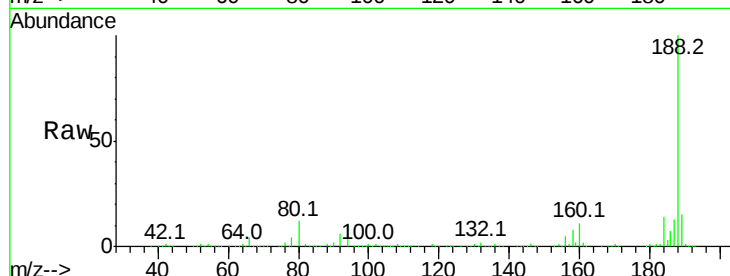
Tot Ion:188 Resp: 588118

Ion Ratio Lower Upper

188 100

94 10.9 9.4 14.2

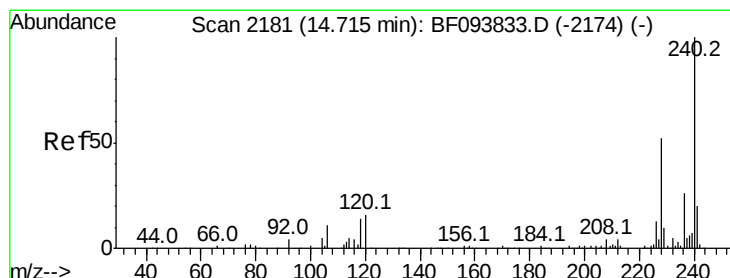
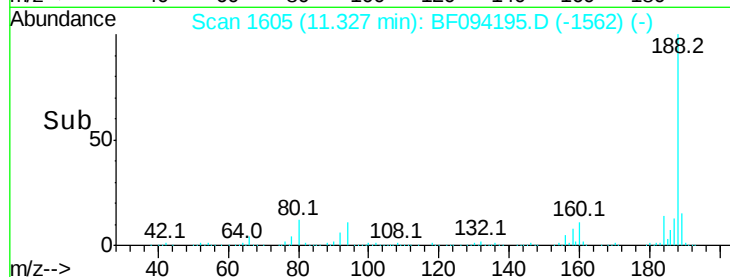
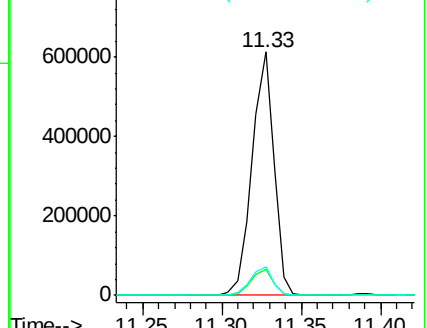
80 11.7 10.2 15.2



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: 14.57 min Scan# 2157

Delta R.T. -0.05 min

Lab File: BF094195.D

Acq: 5 Apr 2017 17:58

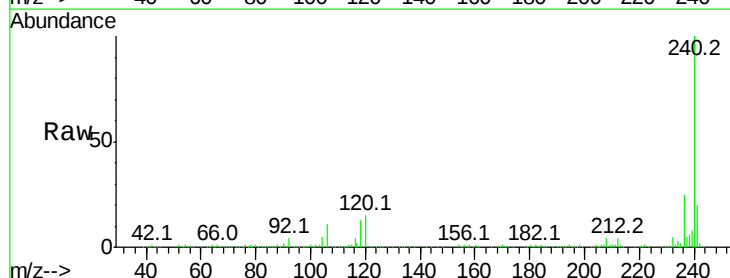
Tgt Ion:240 Resp: 490277

Ion Ratio Lower Upper

240 100

120 14.9 5.8 8.8#

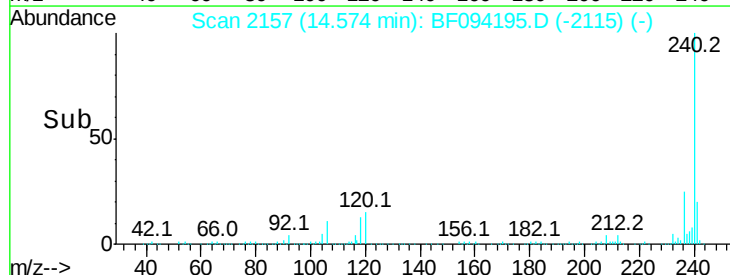
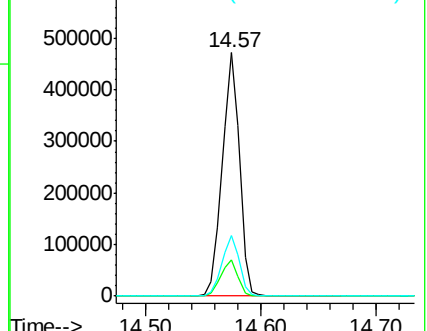
236 24.7 20.5 30.7

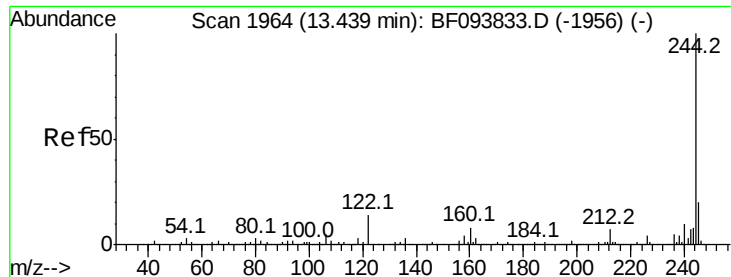


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

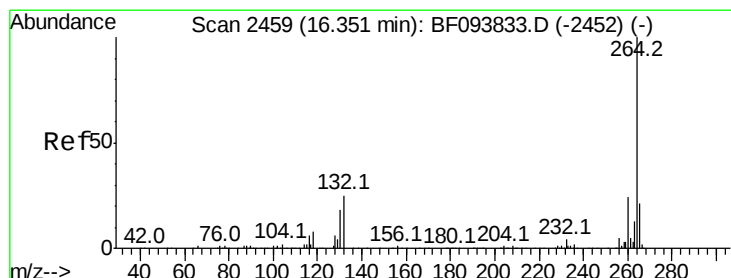
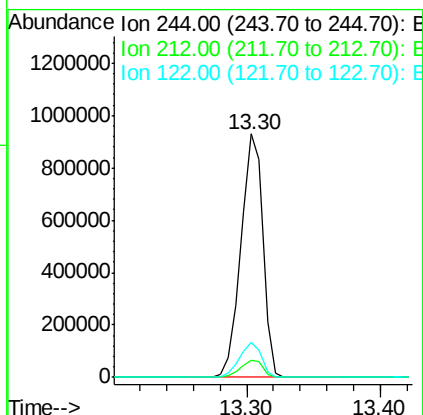
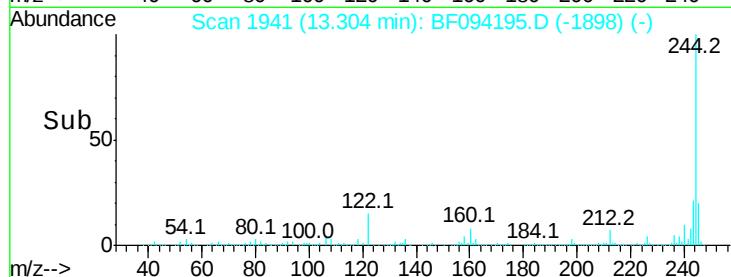
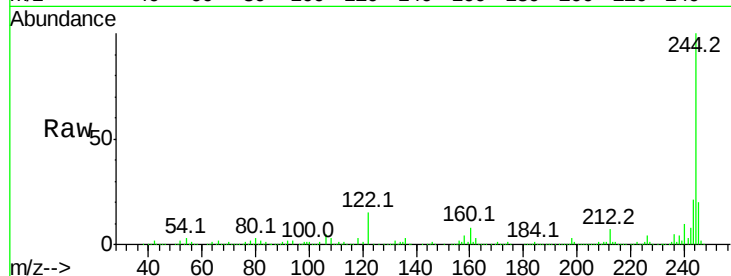




#78
 Terphenyl-d14
 Concen: 48.31 ng
 RT: 13.30 min Scan# 1941
 Delta R.T. -0.05 min
 Lab File: BF094195.D
 Acq: 5 Apr 2017 17:58

Instrument :
 BNA_F
 ClientSampleId :
 BASING-12(0-2)

Tot Ion:244 Resp: 1056777
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 14.6 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.20 min Scan# 2433
 Delta R.T. -0.05 min
 Lab File: BF094195.D
 Acq: 5 Apr 2017 17:58

Tgt Ion:264 Resp: 329333
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 21.6 17.2 25.8

