

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040517\
 Data File : BF094199.D
 Acq On : 5 Apr 2017 19:48
 Operator : SJ/MA
 Sample : I2522-19
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BASING-10(0-2)

Quant Time: Apr 06 01:09:29 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

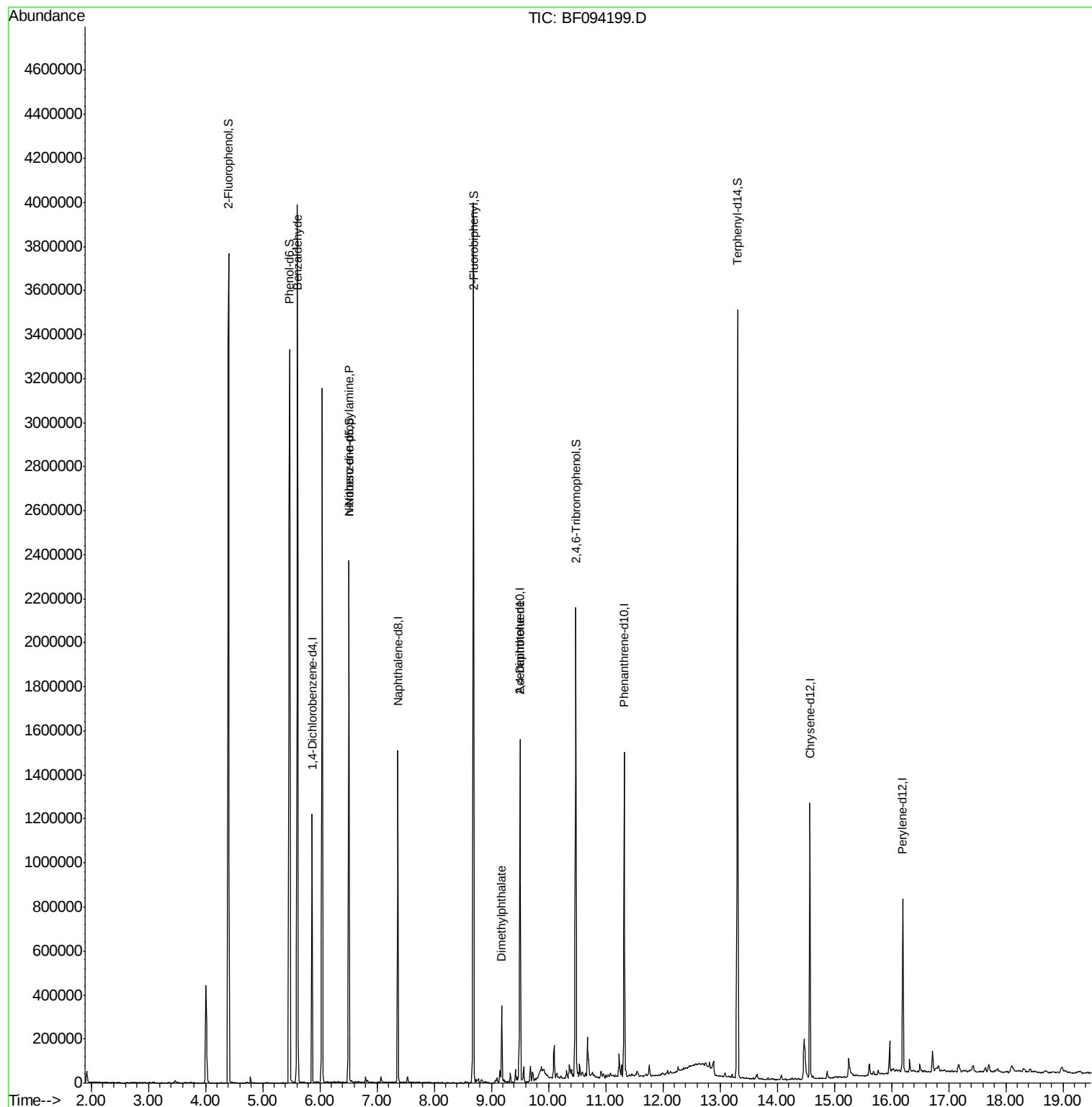
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.86	152	184968	20.00	ng	-0.04
21) Naphthalene-d8	7.36	136	749064	20.00	ng	-0.05
38) Acenaphthene-d10	9.50	164	346455	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	589369	20.00	ng	-0.05
75) Chrysene-d12	14.57	240	464295	20.00	ng	-0.05
86) Perylene-d12	16.20	264	321350	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	1208348	110.34	ng	-0.03
7) Phenol-d6	5.47	99	1564167	115.46	ng	-0.04
23) Nitrobenzene-d5	6.51	82	971734	74.03	ng	-0.05
41) 2,4,6-Tribromophenol	10.48	330	291229	106.38	ng	-0.04
44) 2-Fluorobiphenyl	8.69	172	1639221	72.17	ng	-0.05
78) Terphenyl-d14	13.31	244	1278441	61.72	ng	-0.04
Target Compounds						
9) Benzaldehyde	5.61	77	27260	2.98	ng	Qvalue 83
19) n-Nitroso-di-n-propylamine	6.51	70	129216	14.84	ng	# 77
49) Dimethylphthalate	9.18	163	152554	6.19	ng	99
56) 2,4-Dinitrotoluene	9.50	165	44151	6.23	ng	# 34

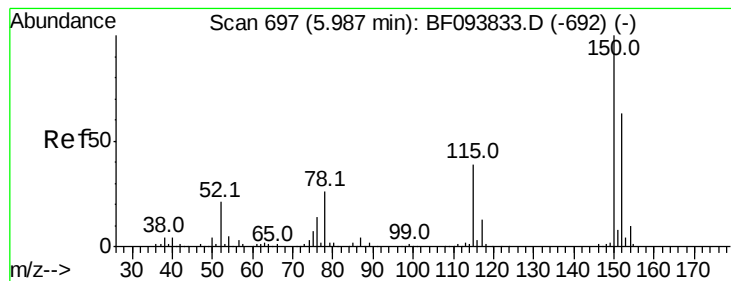
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040517\
Data File : BF094199.D
Acq On : 5 Apr 2017 19:48
Operator : SJ/MA
Sample : I2522-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BASING-10(0-2)

Quant Time: Apr 06 01:09:29 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.86 min Scan# 676

Delta R.T. -0.04 min

Lab File: BF094199.D

Acq: 5 Apr 2017 19:48

Instrument :

BNA_F

ClientSampleId :

BASING-10(0-2)

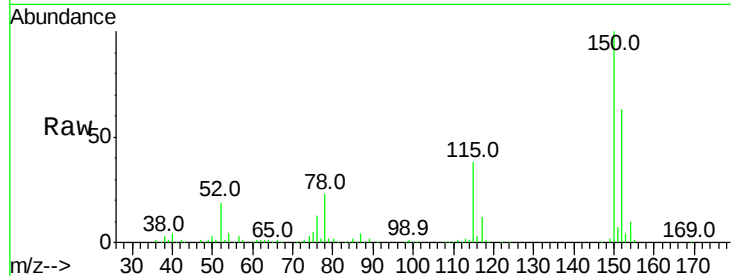
Tot Ion:152 Resp: 184968

Ion Ratio Lower Upper

152 100

150 159.4 126.2 189.2

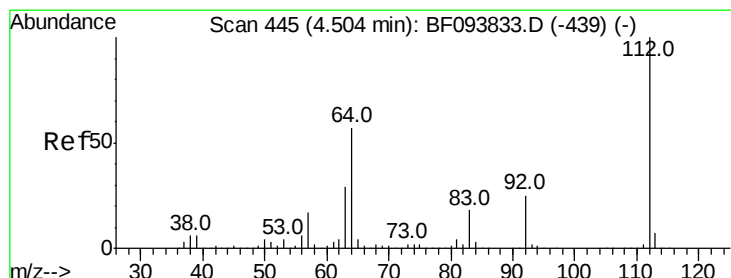
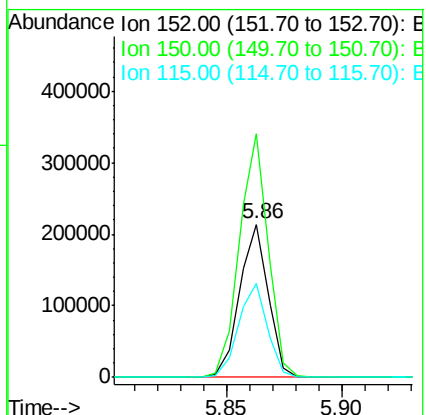
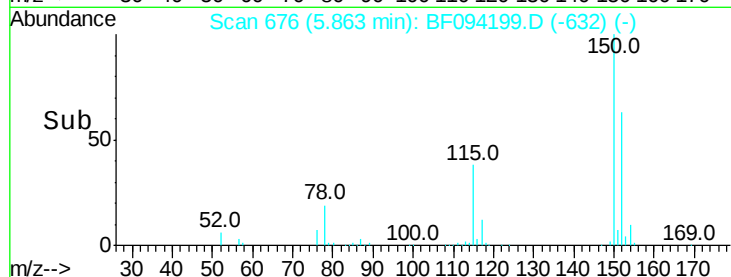
115 61.3 52.2 78.2



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: 110.34 ng

RT: 4.40 min Scan# 428

Delta R.T. -0.03 min

Lab File: BF094199.D

Acq: 5 Apr 2017 19:48

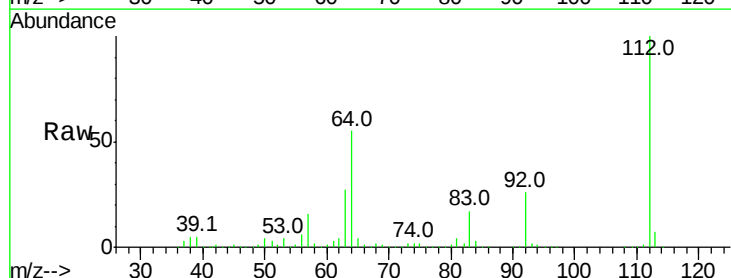
Tgt Ion:112 Resp: 1208348

Ion Ratio Lower Upper

112 100

64 55.3 46.0 69.0

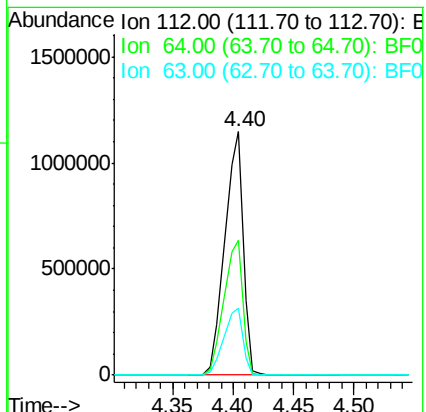
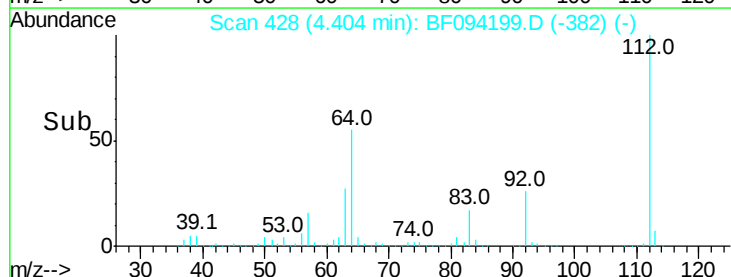
63 27.4 23.4 35.0

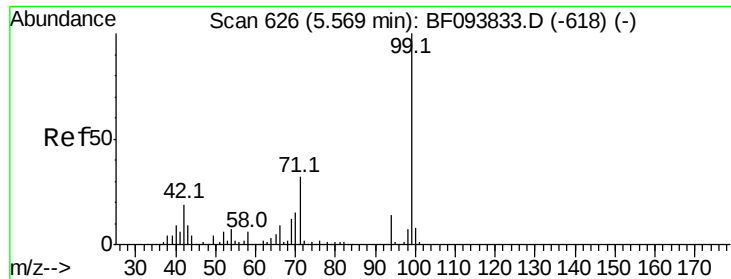


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 115.46 ng

RT: 5.47 min Scan# 609

Delta R.T. -0.04 min

Lab File: BF094199.D

Acq: 5 Apr 2017 19:48

Instrument :

BNA_F

ClientSampleId :

BASING-10(0-2)

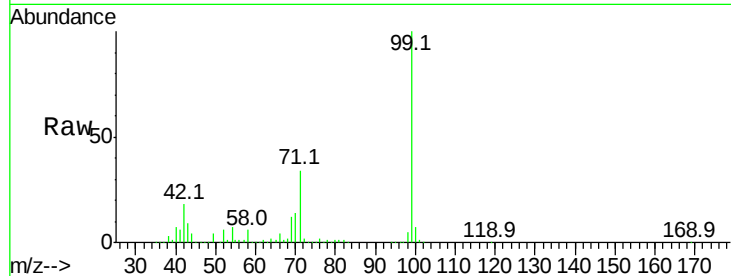
Tot Ion: 99 Resp: 1564167

Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.5	20.3
71	33.6	24.5	36.7

99 100

42 17.9 13.5 20.3

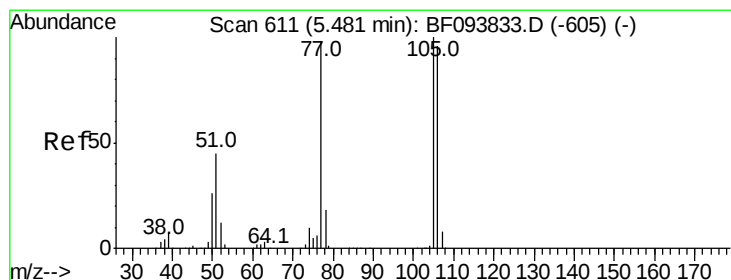
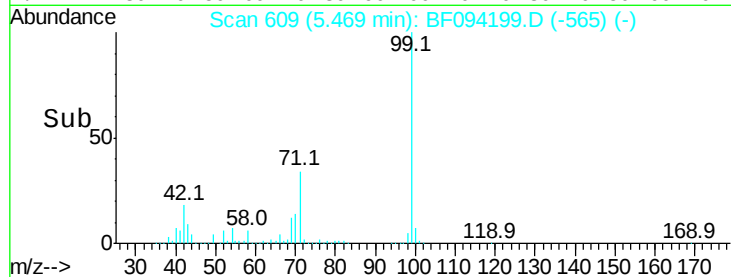
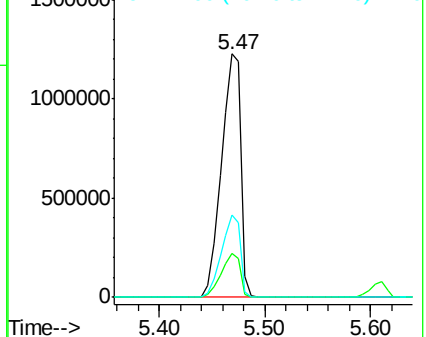
71 33.6 24.5 36.7



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: 2.98 ng

RT: 5.61 min Scan# 633

Delta R.T. 0.21 min

Lab File: BF094199.D

Acq: 5 Apr 2017 19:48

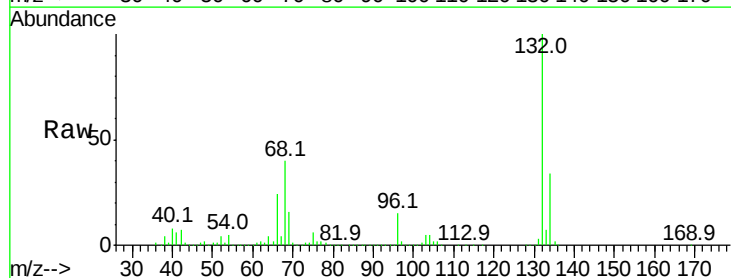
Tgt Ion: 77 Resp: 27260

Ion	Ratio	Lower	Upper
77	100		
105	86.5	83.8	123.8
106	82.3	79.1	119.1

77 100

105 86.5 83.8 123.8

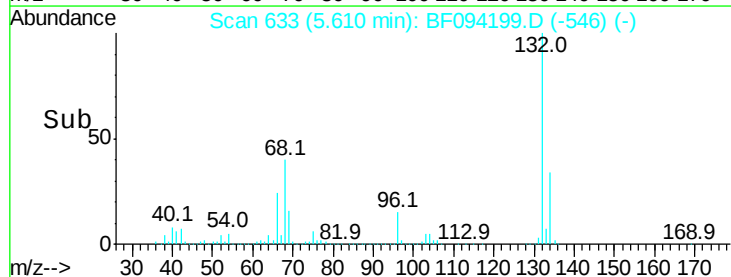
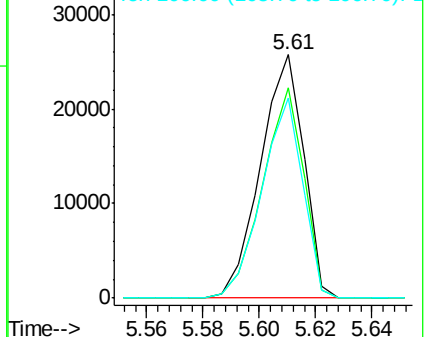
106 82.3 79.1 119.1

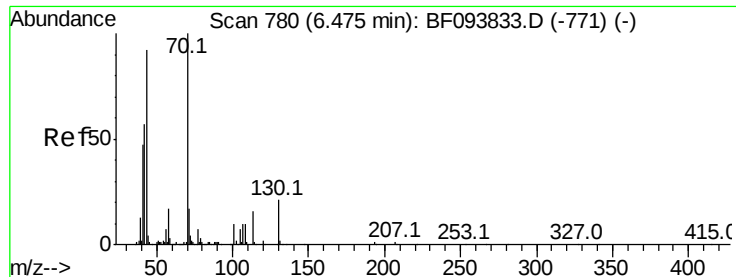


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 14.84 ng

RT: 6.51 min Scan# 786

Delta R.T. 0.12 min

Lab File: BF094199.D

Acq: 5 Apr 2017 19:48

Instrument :

BNA_F

ClientSampleId :

BASING-10(0-2)

Tot Ion: 70 Resp: 129216

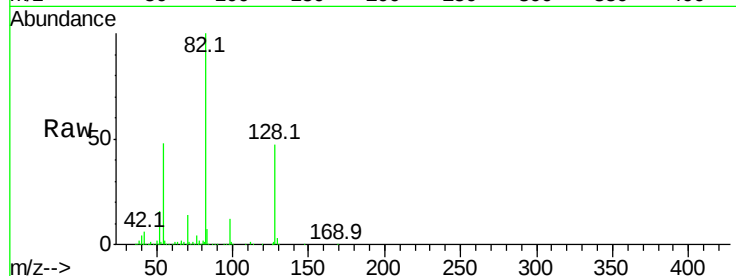
Ion Ratio Lower Upper

70 100

42 46.0 47.2 70.8#

101 0.0 7.2 10.8#

130 2.7 15.9 23.9#

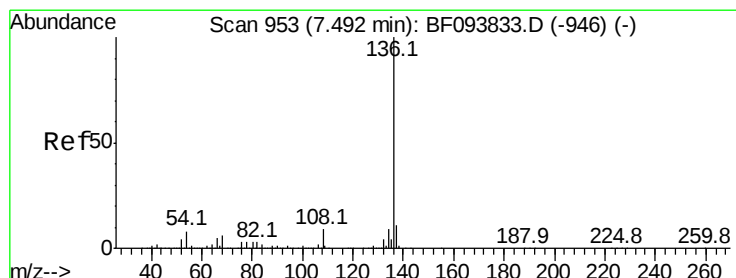
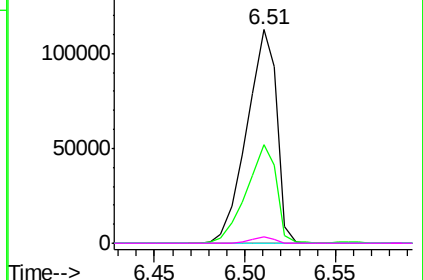
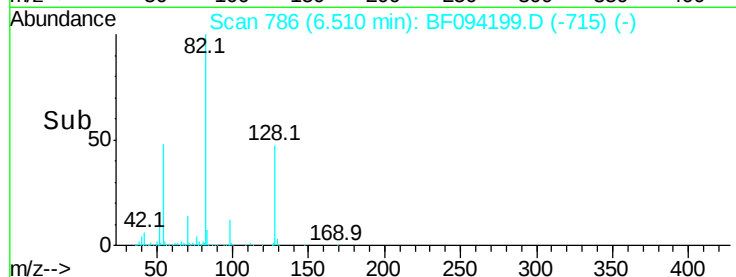


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.36 min Scan# 931

Delta R.T. -0.05 min

Lab File: BF094199.D

Acq: 5 Apr 2017 19:48

Tgt Ion: 136 Resp: 749064

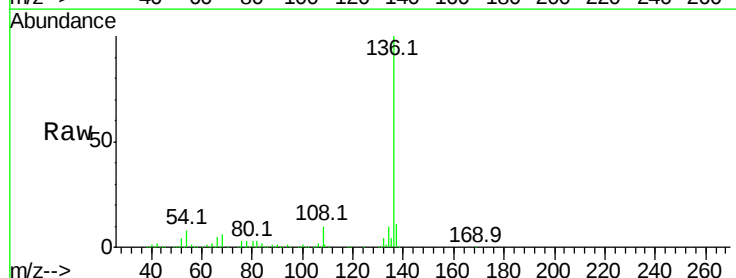
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.8 4.9 7.3#

68 5.8 4.1 6.1

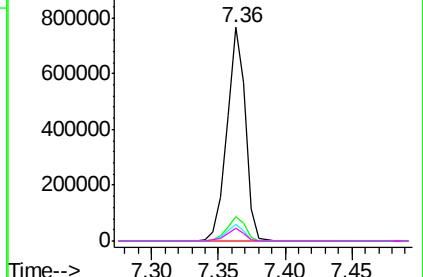
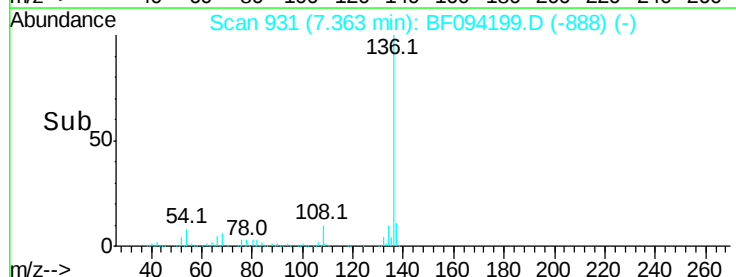


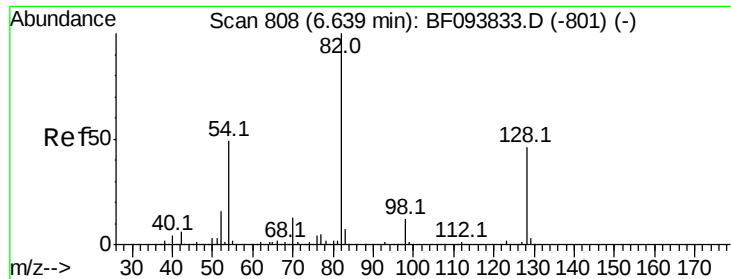
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

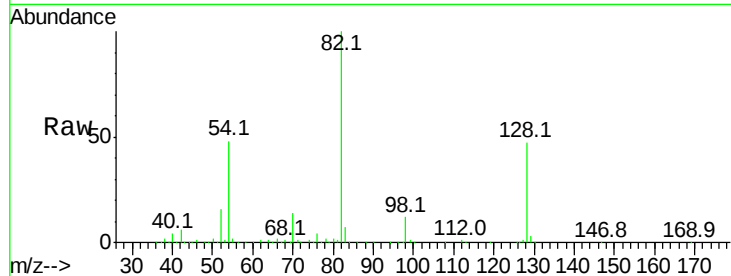




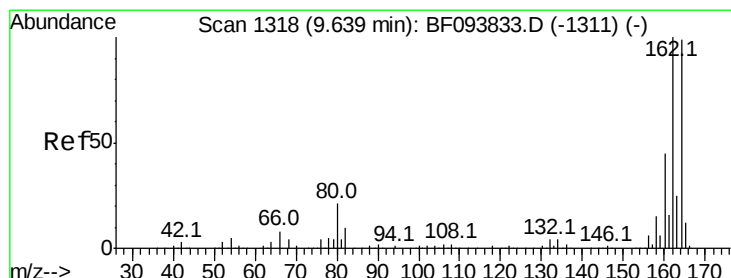
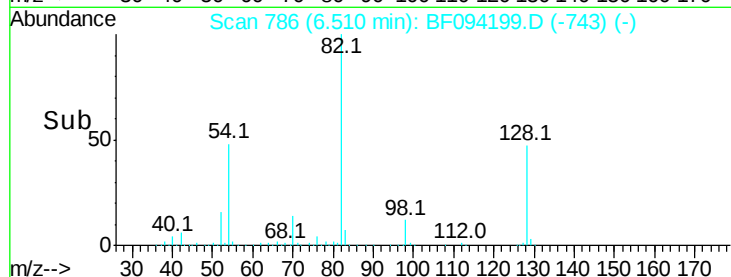
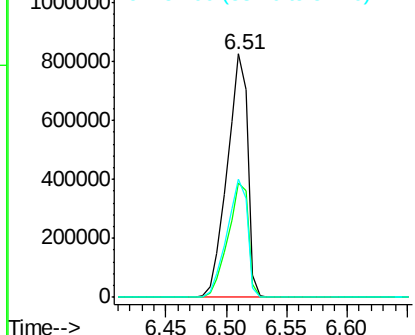
#23
 Nitrobenzene-d5
 Concen: 74.03 ng
 RT: 6.51 min Scan# 786
 Delta R.T. -0.05 min
 Lab File: BF094199.D
 Acq: 5 Apr 2017 19:48

Instrument :
 BNA_F
 ClientSampleId :
 BASING-10(0-2)

Tot Ion: 82 Resp: 971734
 Ion Ratio Lower Upper
 82 100
 128 46.8 34.0 51.0
 54 48.4 42.2 63.2

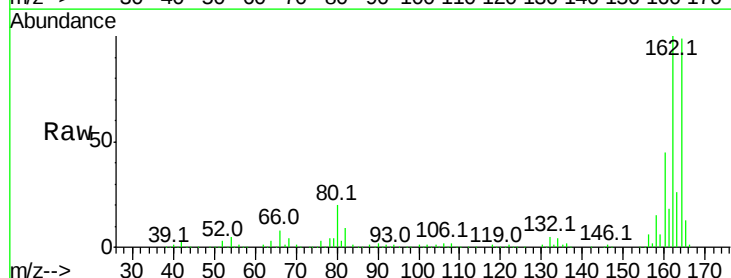


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

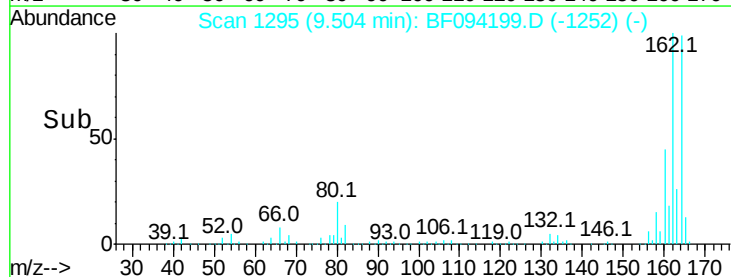
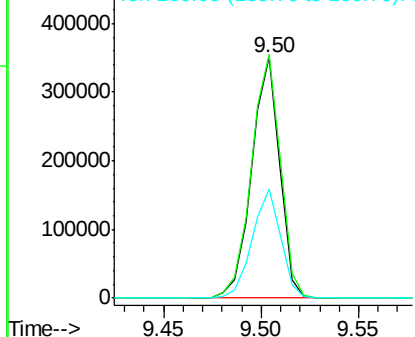


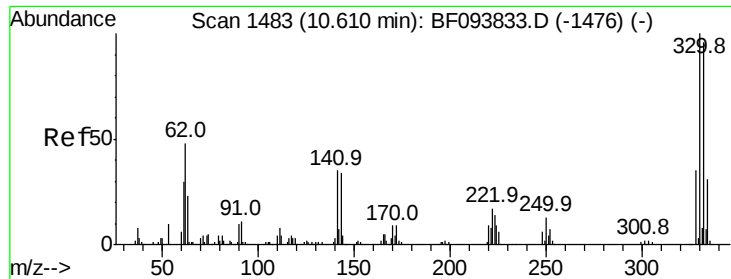
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 1295
 Delta R.T. -0.05 min
 Lab File: BF094199.D
 Acq: 5 Apr 2017 19:48

Tgt Ion:164 Resp: 346455
 Ion Ratio Lower Upper
 164 100
 162 101.2 82.6 123.8
 160 45.3 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

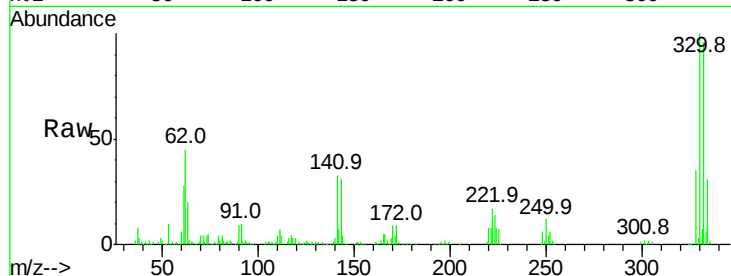




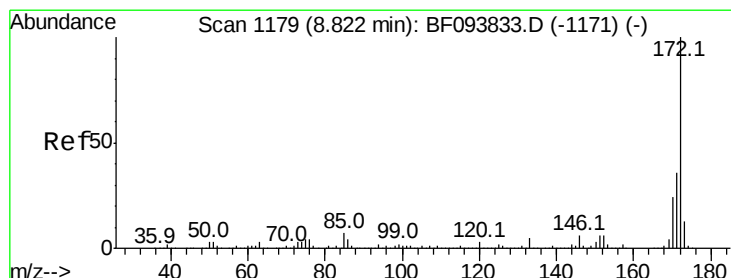
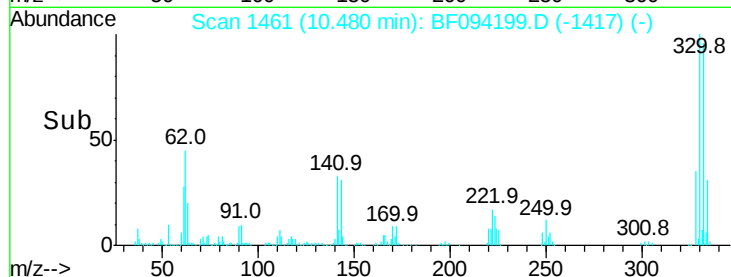
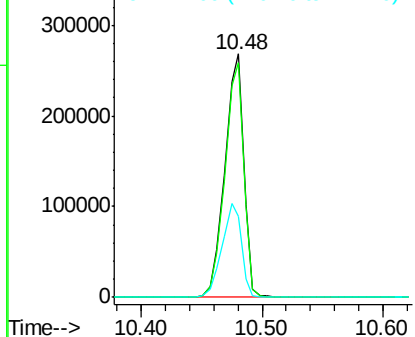
#41
 2,4,6-Tribromophenol
 Concen: 106.38 ng
 RT: 10.48 min Scan# 1461
 Delta R.T. -0.04 min
 Lab File: BF094199.D
 Acq: 5 Apr 2017 19:48

Instrument :
 BNA_F
 ClientSampleId :
 BASING-10(0-2)

Tot Ion:330 Resp: 291229
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 115.0
 141 39.5 31.4 47.2

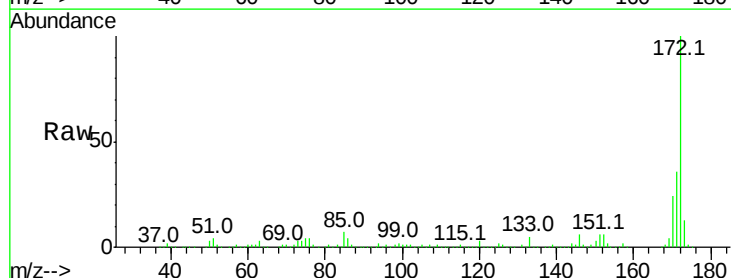


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

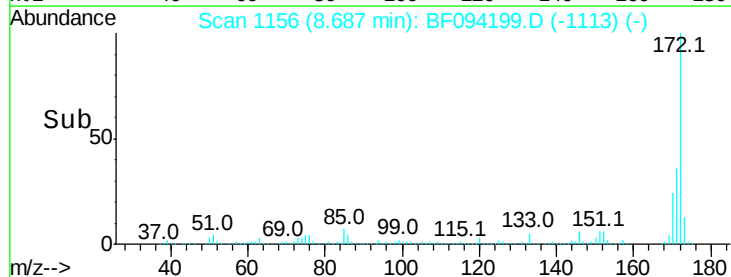
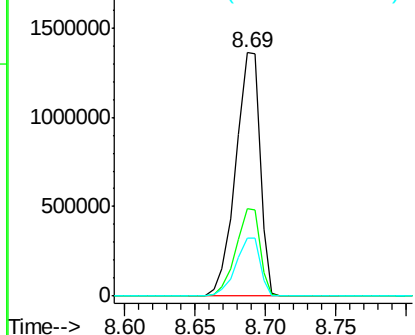


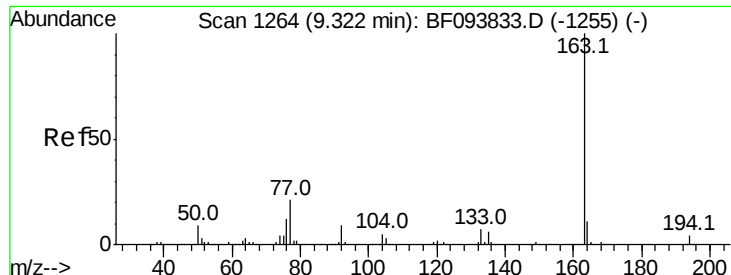
#44
 2-Fluorobiphenyl
 Concen: 72.17 ng
 RT: 8.69 min Scan# 1156
 Delta R.T. -0.05 min
 Lab File: BF094199.D
 Acq: 5 Apr 2017 19:48

Tgt Ion:172 Resp: 1639221
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 23.8 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

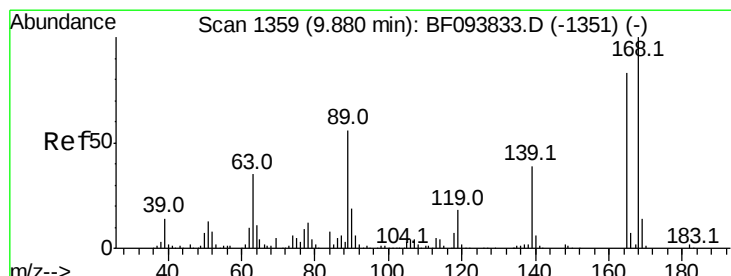
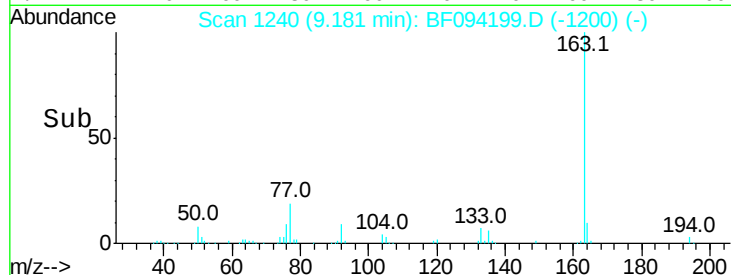
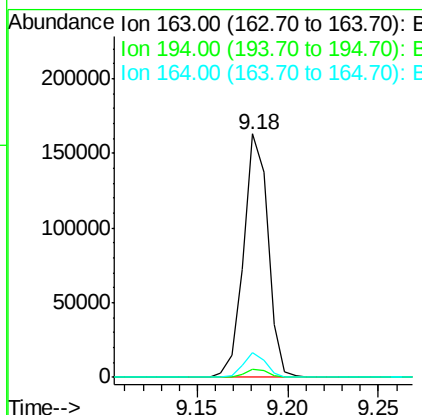
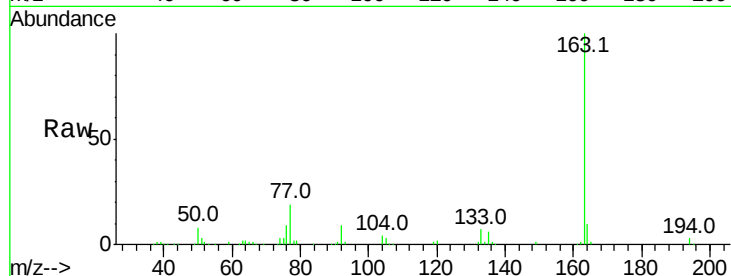




#49
Dimethylphthalate
Concen: 6.19 ng
RT: 9.18 min Scan# 1240
Delta R.T. -0.06 min
Lab File: BF094199.D
Acq: 5 Apr 2017 19:48

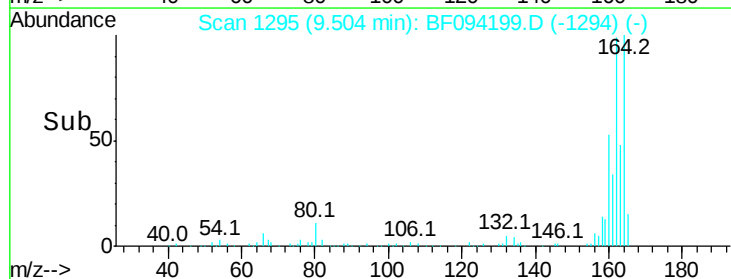
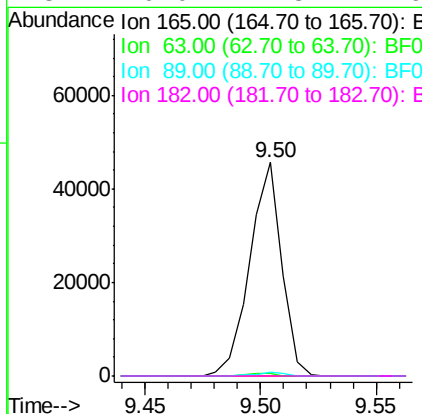
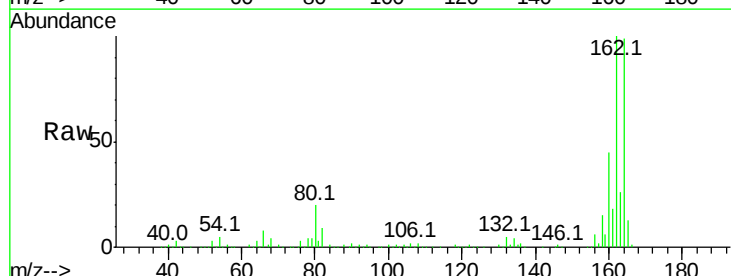
Instrument :
BNA_F
ClientSampleId :
BASING-10(0-2)

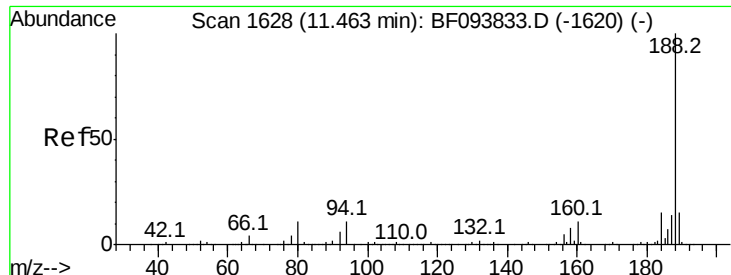
Tot Ion:163 Resp: 152554
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 9.9 8.4 12.6



#56
2,4-Dinitrotoluene
Concen: 6.23 ng
RT: 9.50 min Scan# 1295
Delta R.T. -0.29 min
Lab File: BF094199.D
Acq: 5 Apr 2017 19:48

Tgt Ion:165 Resp: 44151
Ion Ratio Lower Upper
165 100
63 1.4 25.4 38.0#
89 2.1 46.4 69.6#
182 0.0 1.8 2.6#

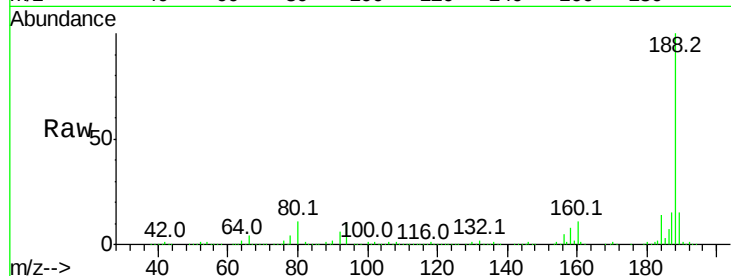




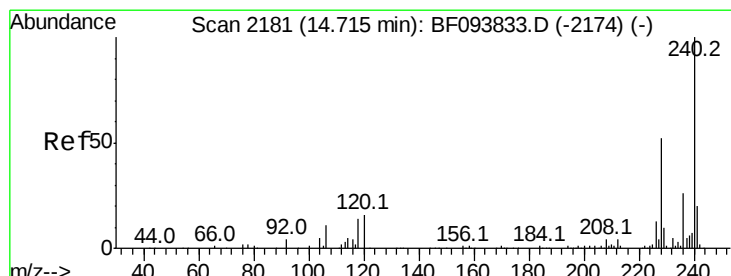
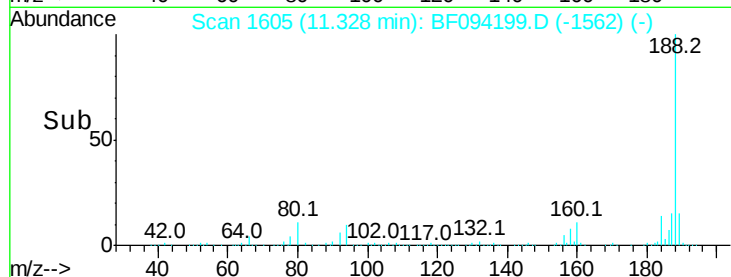
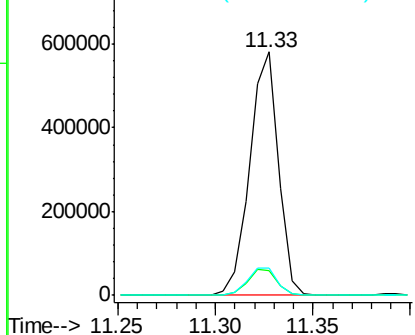
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 1605
Delta R.T. -0.05 min
Lab File: BF094199.D
Acq: 5 Apr 2017 19:48

Instrument :
BNA_F
ClientSampleId :
BASING-10(0-2)

Tot Ion:188 Resp: 589369
Ion Ratio Lower Upper
188 100
94 10.4 9.4 14.2
80 11.1 10.2 15.2

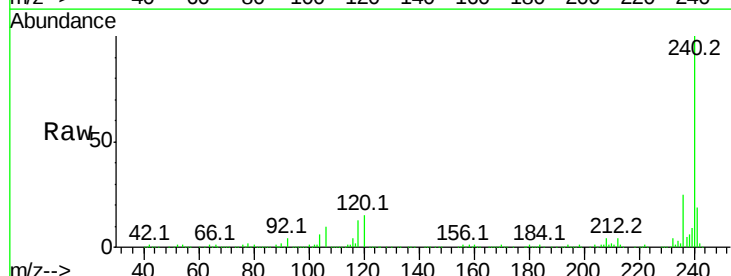


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

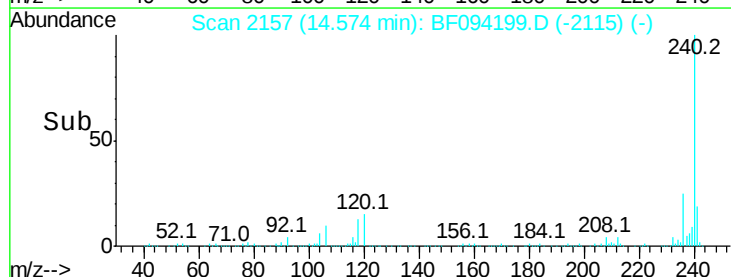
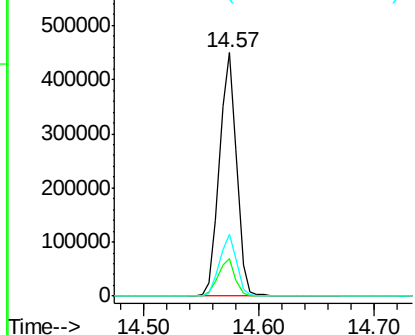


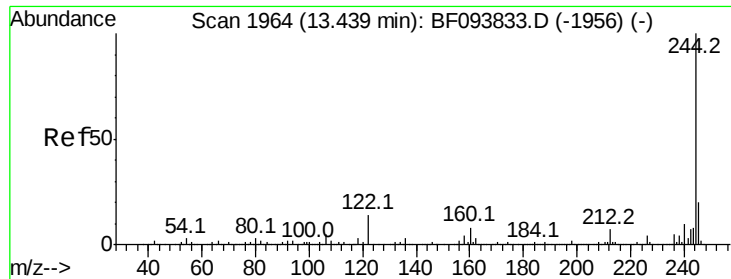
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.57 min Scan# 2157
Delta R.T. -0.05 min
Lab File: BF094199.D
Acq: 5 Apr 2017 19:48

Tgt Ion:240 Resp: 464295
Ion Ratio Lower Upper
240 100
120 15.3 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: 61.72 ng

RT: 13.31 min Scan# 1942

Delta R.T. -0.04 min

Lab File: BF094199.D

Acq: 5 Apr 2017 19:48

Instrument :

BNA_F

ClientSampleId :

BASING-10(0-2)

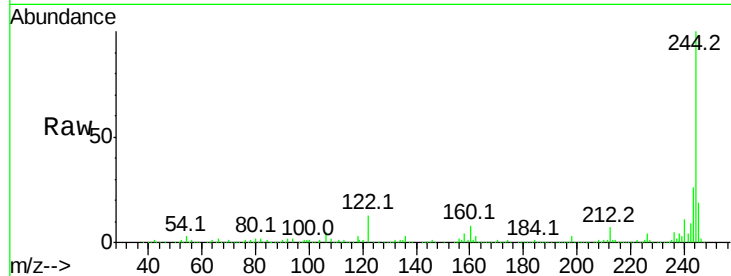
Tot Ion:244 Resp: 1278441

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

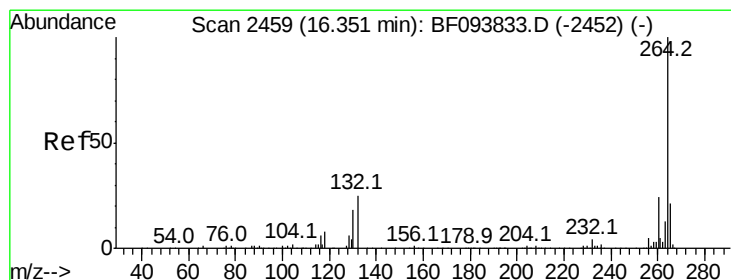
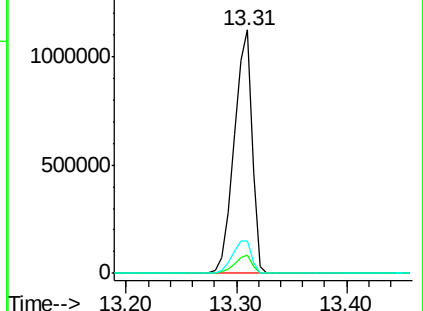
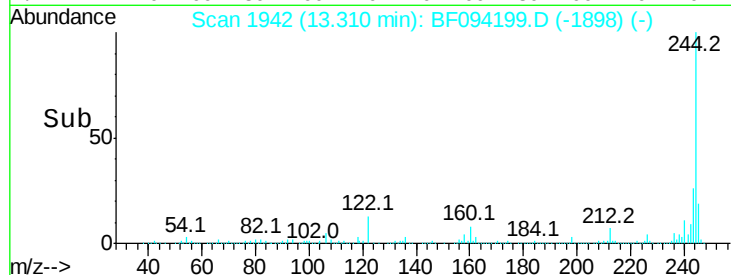
122 13.2 10.3 15.5



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

Perylene-d12

Concen: 20.00 ng

RT: 16.20 min Scan# 2433

Delta R.T. -0.05 min

Lab File: BF094199.D

Acq: 5 Apr 2017 19:48

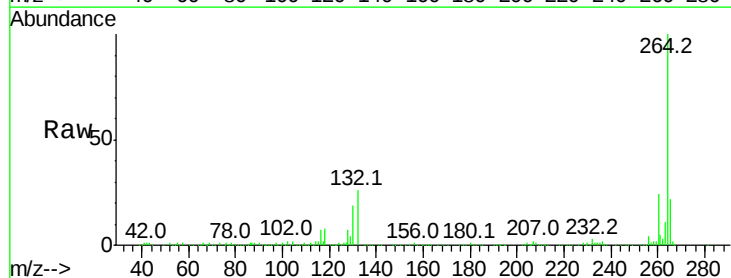
Tgt Ion:264 Resp: 321350

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

265 21.5 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

