

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040517\
 Data File : BF094202.D
 Acq On : 5 Apr 2017 21:11
 Operator : SJ/MA
 Sample : I2522-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BASING-6(0-2)

Quant Time: Apr 06 01:10:09 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

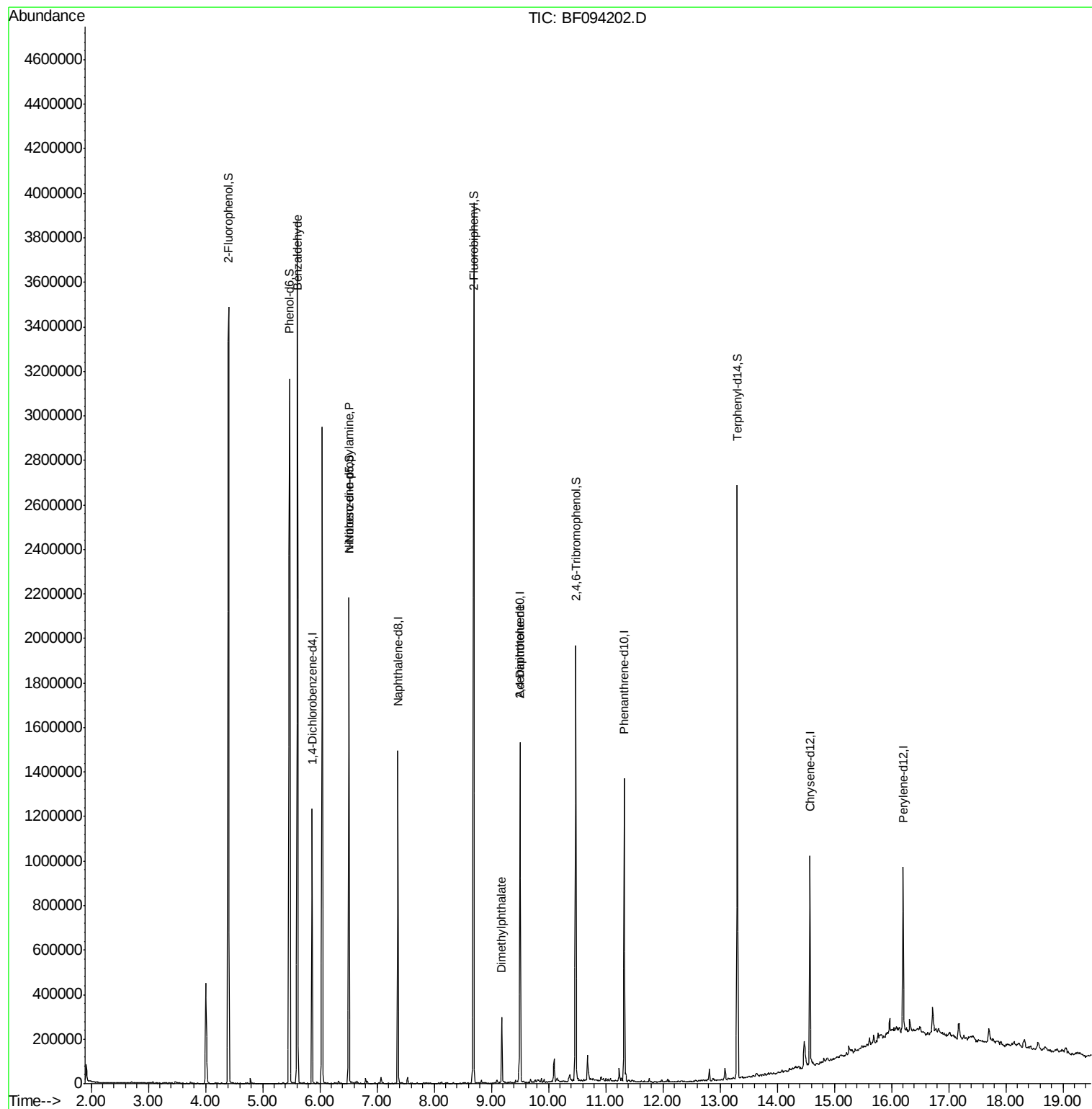
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.86	152	187626	20.00	ng	-0.04
21) Naphthalene-d8	7.36	136	752507	20.00	ng	-0.05
38) Acenaphthene-d10	9.50	164	322607	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	533551	20.00	ng	-0.05
75) Chrysene-d12	14.57	240	348096	20.00	ng	-0.05
86) Perylene-d12	16.20	264	301503	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	1138997	102.53	ng	-0.03
7) Phenol-d6	5.47	99	1478357	107.58	ng	-0.04
23) Nitrobenzene-d5	6.51	82	908944	68.93	ng	-0.05
41) 2,4,6-Tribromophenol	10.48	330	260776	102.29	ng	-0.04
44) 2-Fluorobiphenyl	8.69	172	1526281	72.16	ng	-0.04
78) Terphenyl-d14	13.30	244	968308	62.35	ng	-0.05
Target Compounds						
9) Benzaldehyde	5.61	77	25283	2.72	ng	Qvalue 82
19) n-Nitroso-di-n-propylamine	6.51	70	118604	13.43	ng	# 79
49) Dimethylphthalate	9.18	163	130381	5.69	ng	99
56) 2,4-Dinitrotoluene	9.50	165	40903	6.19	ng	# 33

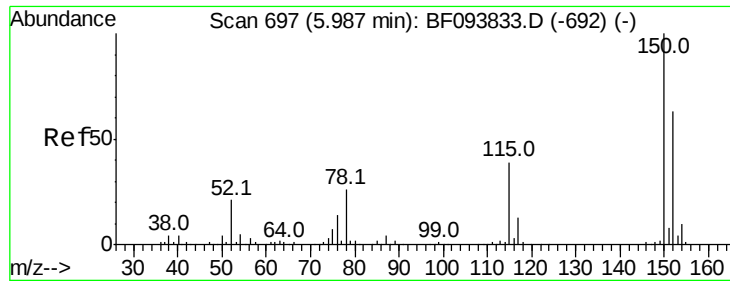
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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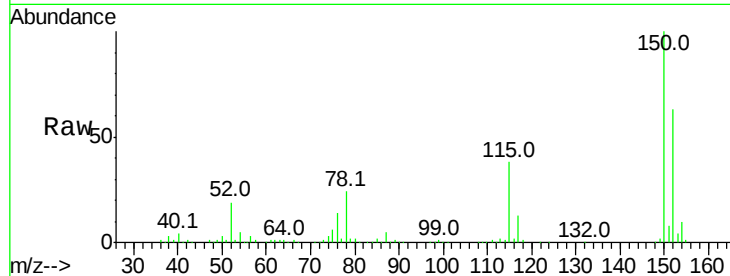


#1

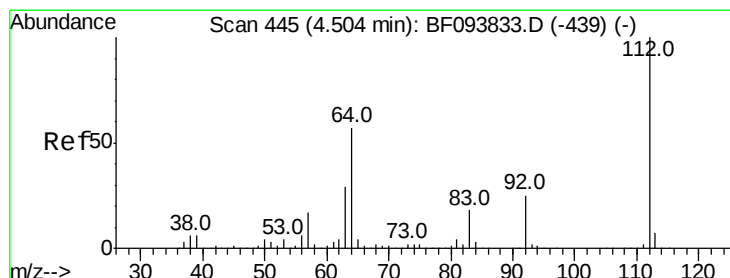
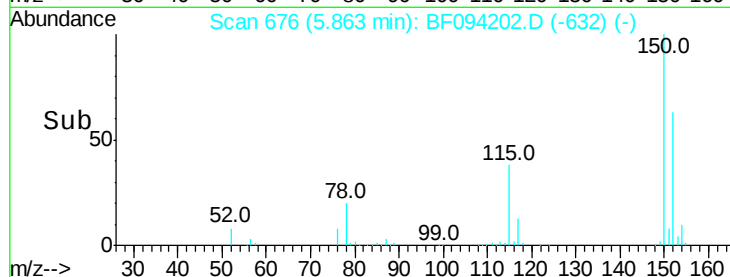
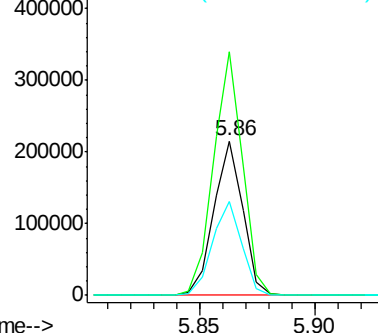
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.86 min Scan# 676
Delta R.T. -0.04 min
Lab File: BF094202.D
Acq: 5 Apr 2017 21:11

Instrument :
BNA_F
ClientSampleId :
BASING-6(0-2)

Tot Ion:152 Resp: 187626
Ion Ratio Lower Upper
152 100
150 158.1 126.2 189.2
115 60.8 52.2 78.2



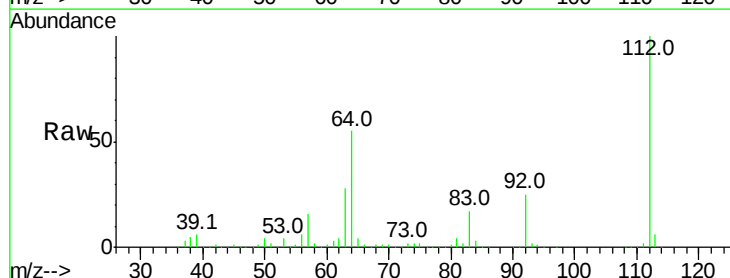
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



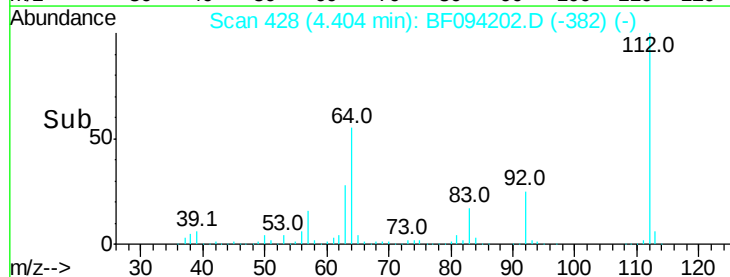
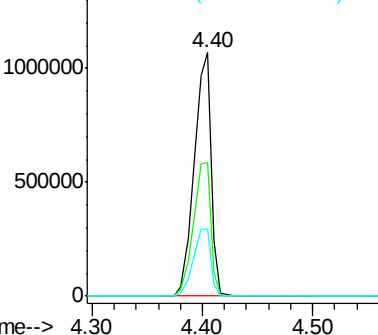
#5

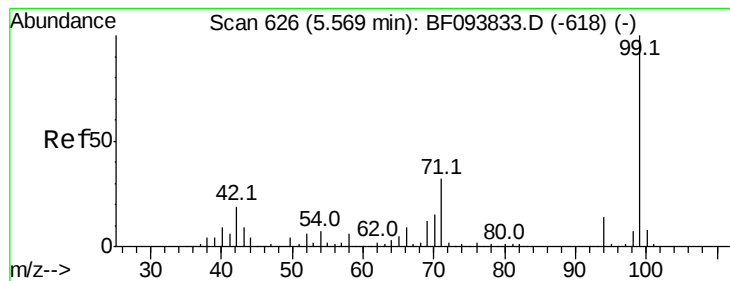
2-Fluorophenol
Concen: 102.53 ng
RT: 4.40 min Scan# 428
Delta R.T. -0.03 min
Lab File: BF094202.D
Acq: 5 Apr 2017 21:11

Tgt Ion:112 Resp: 1138997
Ion Ratio Lower Upper
112 100
64 54.9 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: 107.58 ng

RT: 5.47 min Scan# 609

Delta R.T. -0.04 min

Lab File: BF094202.D

Acq: 5 Apr 2017 21:11

Instrument :

BNA_F

ClientSampleId :

BASING-6(0-2)

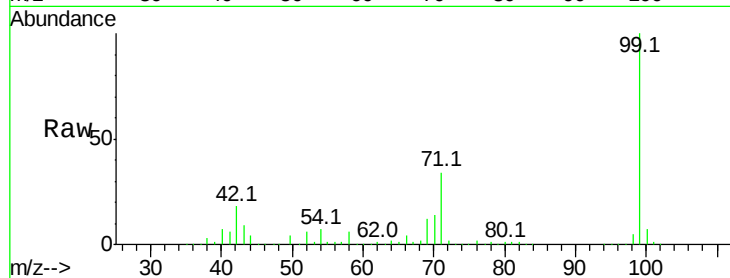
Tot Ion: 99 Resp: 1478357

Ion Ratio Lower Upper

99 100

42 18.0 13.5 20.3

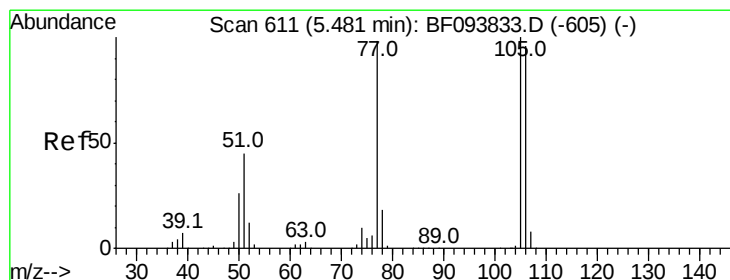
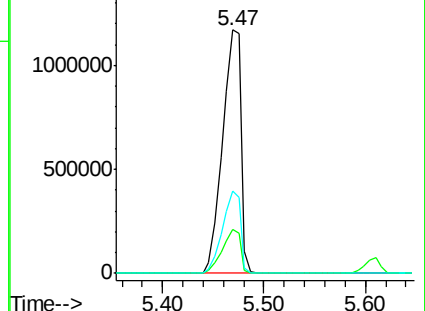
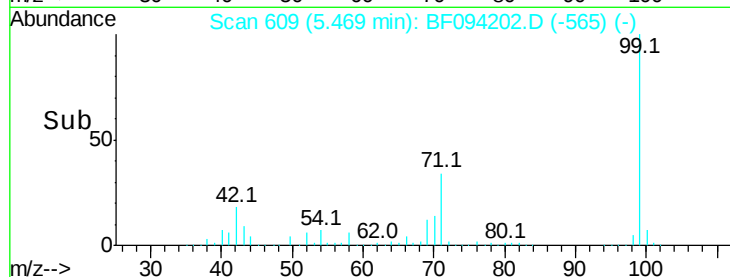
71 33.6 24.5 36.7



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: 2.72 ng

RT: 5.61 min Scan# 633

Delta R.T. 0.21 min

Lab File: BF094202.D

Acq: 5 Apr 2017 21:11

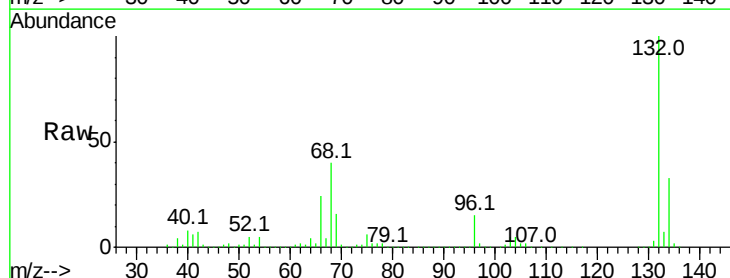
Tgt Ion: 77 Resp: 25283

Ion Ratio Lower Upper

77 100

105 87.2 83.8 123.8

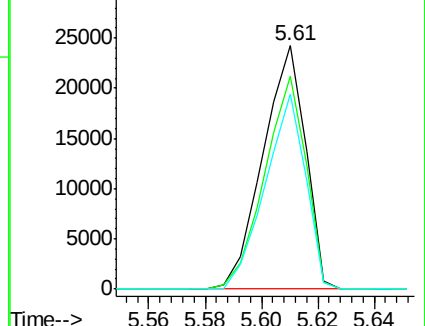
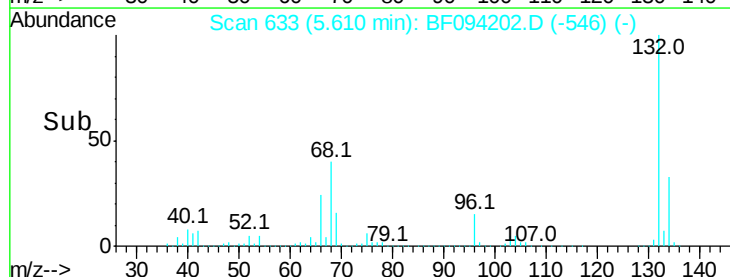
106 79.9 79.1 119.1

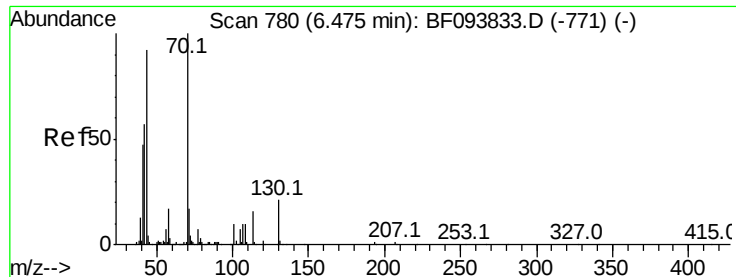


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#19

n-Nitroso-di-n-propylamine

Concen: 13.43 ng

RT: 6.51 min Scan# 786

Delta R.T. 0.12 min

Lab File: BF094202.D

Acq: 5 Apr 2017 21:11

Instrument :

BNA_F

ClientSampleId :

BASING-6(0-2)

Tot Ion: 70 Resp: 118604

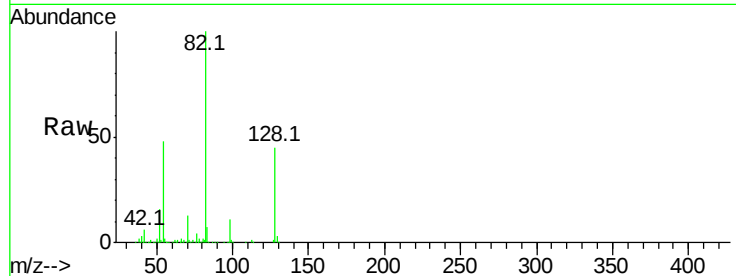
Ion Ratio Lower Upper

70 100

42 48.2 47.2 70.8

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#

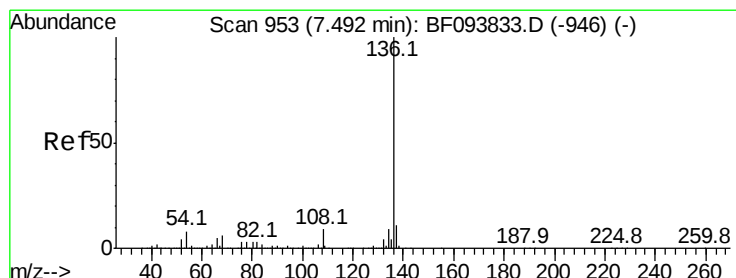
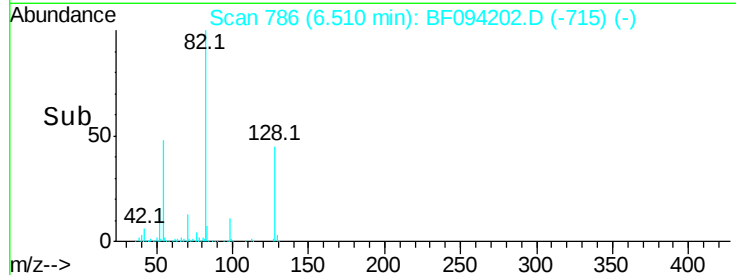
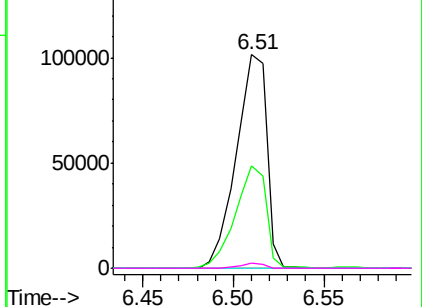


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.36 min Scan# 931

Delta R.T. -0.05 min

Lab File: BF094202.D

Acq: 5 Apr 2017 21:11

Tgt Ion: 136 Resp: 752507

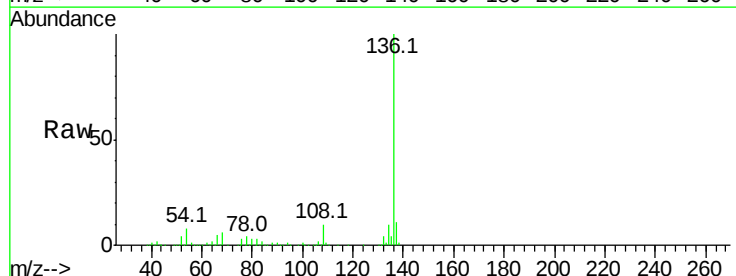
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 8.0 4.9 7.3#

68 6.3 4.1 6.1#

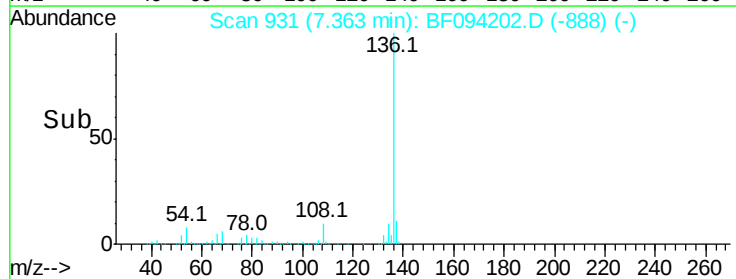
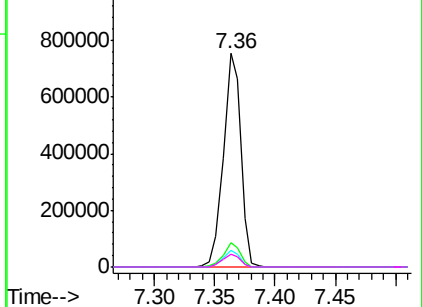


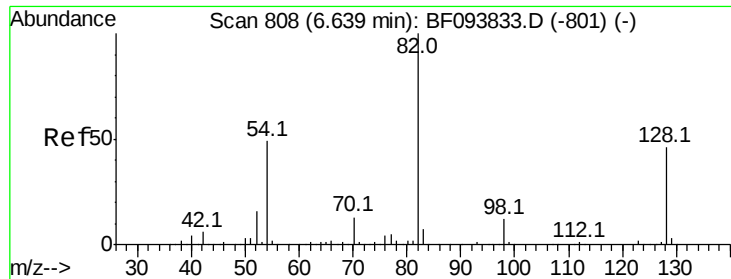
Abundance Ion 136.00 (135.70 to 136.70): E

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

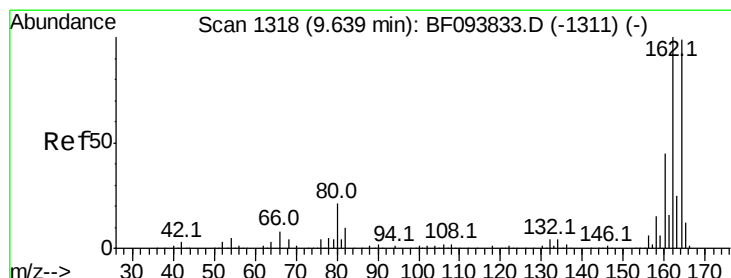
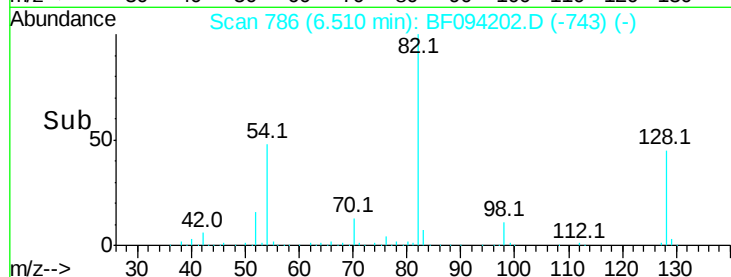
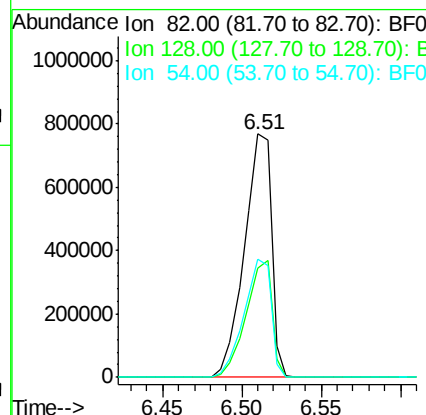
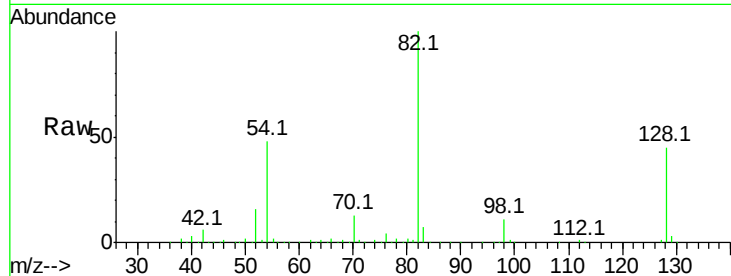




#23
 Nitrobenzene-d5
 Concen: 68.93 ng
 RT: 6.51 min Scan# 786
 Delta R.T. -0.05 min
 Lab File: BF094202.D
 Acq: 5 Apr 2017 21:11

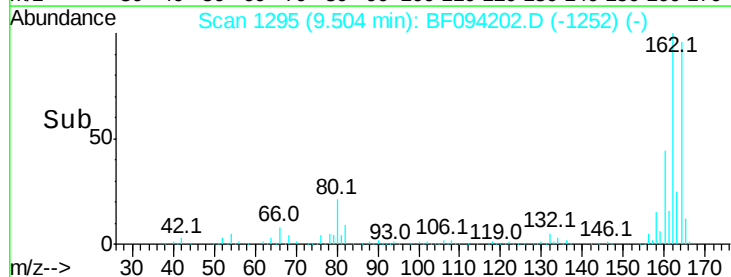
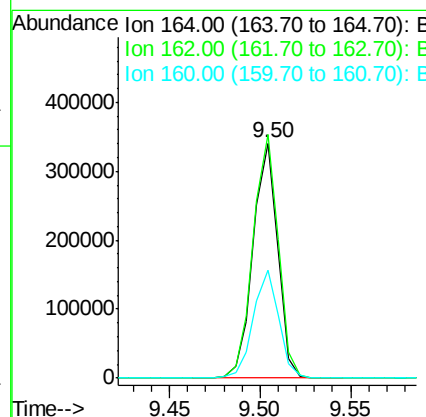
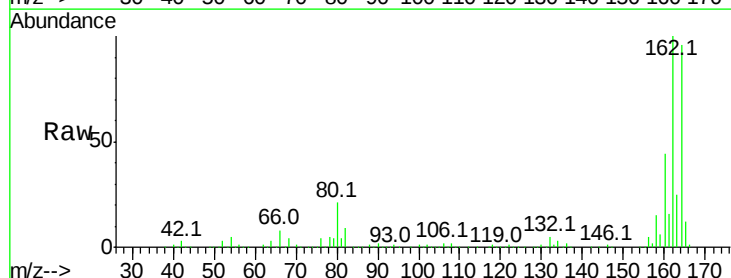
Instrument :
 BNA_F
 ClientSampleId :
 BASING-6(0-2)

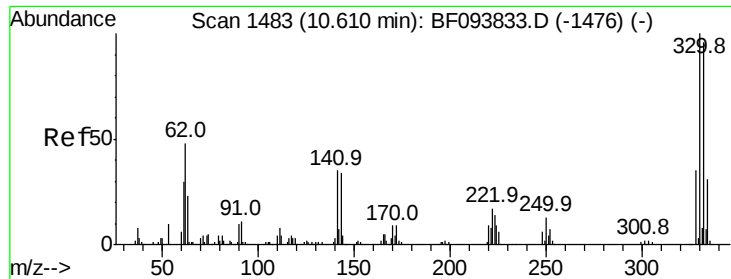
Tot Ion: 82 Resp: 908944
 Ion Ratio Lower Upper
 82 100
 128 44.6 34.0 51.0
 54 48.5 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 1295
 Delta R.T. -0.05 min
 Lab File: BF094202.D
 Acq: 5 Apr 2017 21:11

Tgt Ion:164 Resp: 322607
 Ion Ratio Lower Upper
 164 100
 162 103.8 82.6 123.8
 160 46.1 36.2 54.2

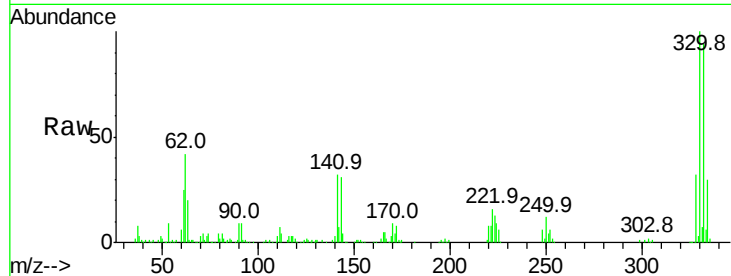




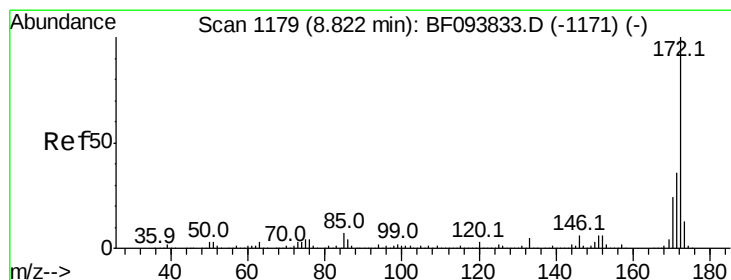
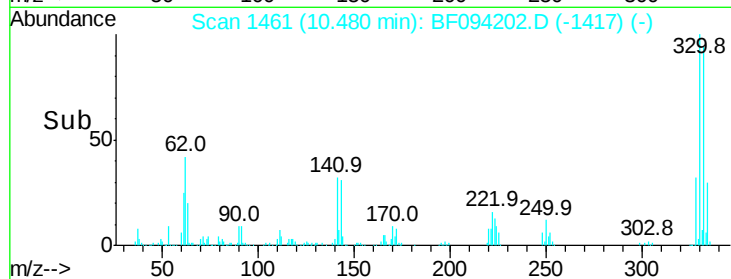
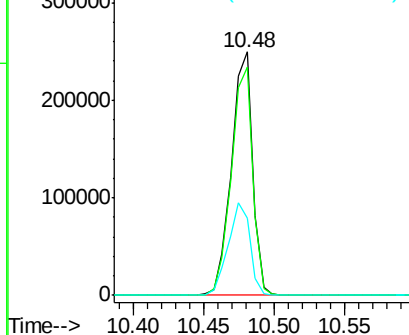
#41
 2,4,6-Tribromophenol
 Concen: 102.29 ng
 RT: 10.48 min Scan# 1461
 Delta R.T. -0.04 min
 Lab File: BF094202.D
 Acq: 5 Apr 2017 21:11

Instrument :
 BNA_F
 ClientSampleId :
 BASING-6(0-2)

Tot Ion:330 Resp: 260776
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.6 115.0
 141 39.3 31.4 47.2

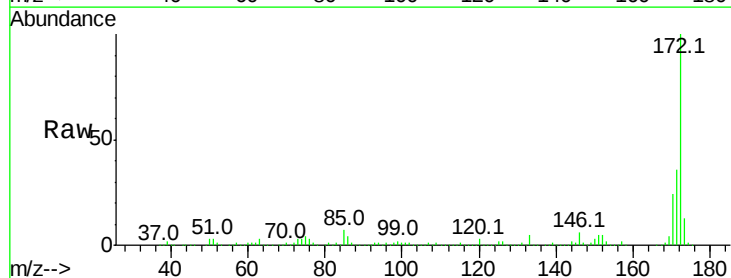


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

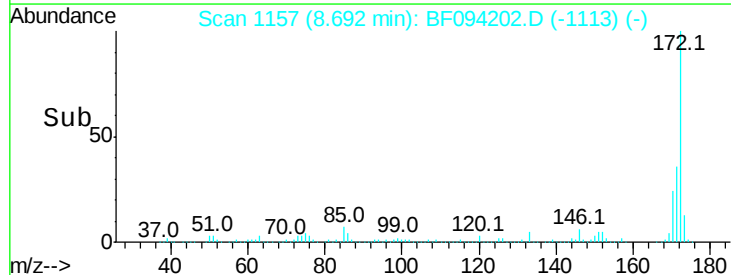
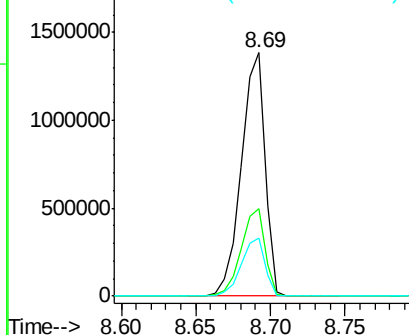


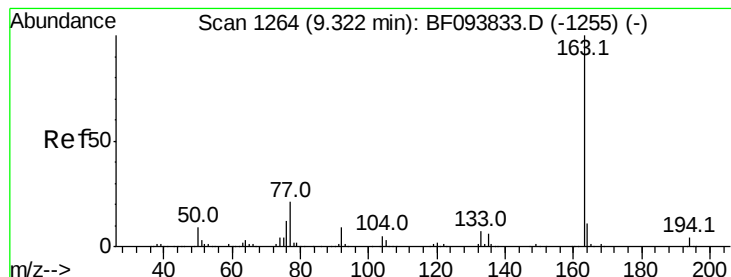
#44
 2-Fluorobiphenyl
 Concen: 72.16 ng
 RT: 8.69 min Scan# 1157
 Delta R.T. -0.04 min
 Lab File: BF094202.D
 Acq: 5 Apr 2017 21:11

Tgt Ion:172 Resp: 1526281
 Ion Ratio Lower Upper
 172 100
 171 35.8 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: 5.69 ng

RT: 9.18 min Scan# 1240

Delta R.T. -0.06 min

Lab File: BF094202.D

Acq: 5 Apr 2017 21:11

Instrument :

BNA_F

ClientSampleId :

BASING-6(0-2)

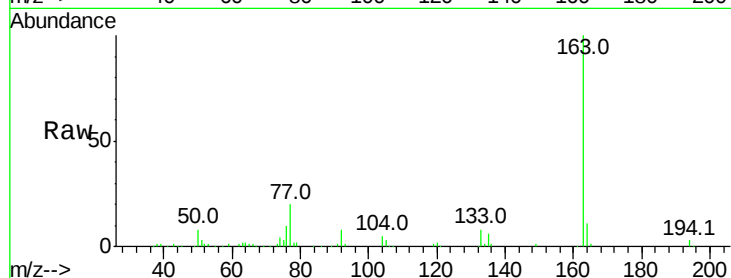
Tot Ion:163 Resp: 130381

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

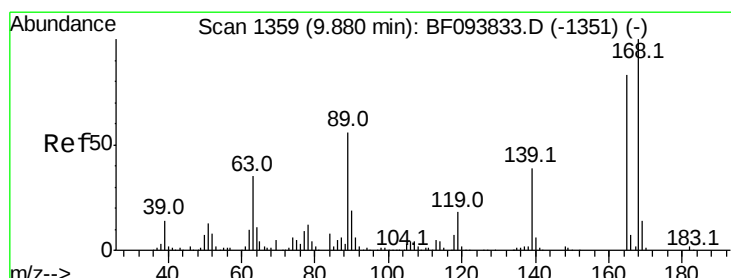
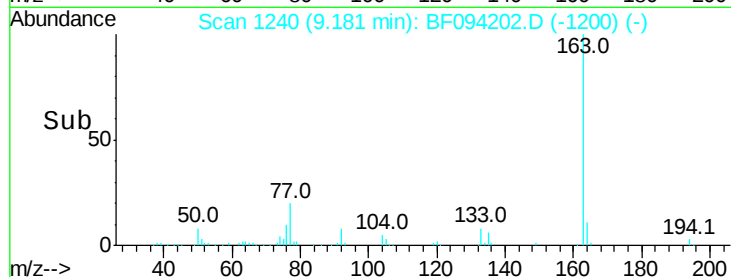
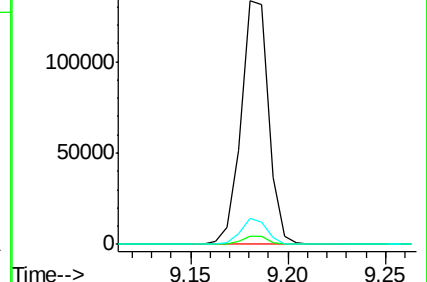
164 10.8 8.4 12.6



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: 6.19 ng

RT: 9.50 min Scan# 1295

Delta R.T. -0.29 min

Lab File: BF094202.D

Acq: 5 Apr 2017 21:11

Tgt Ion:165 Resp: 40903

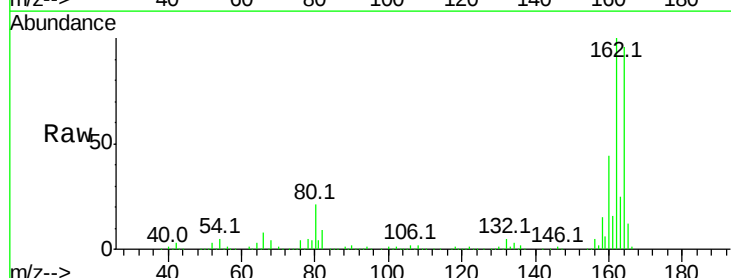
Ion Ratio Lower Upper

165 100

63 1.4 25.4 38.0#

89 1.2 46.4 69.6#

182 0.0 1.8 2.6#

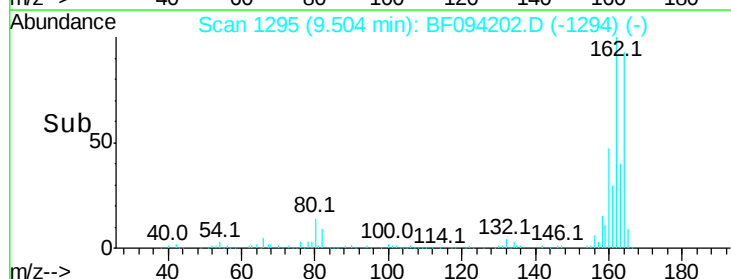
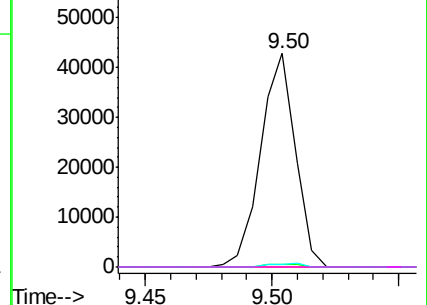


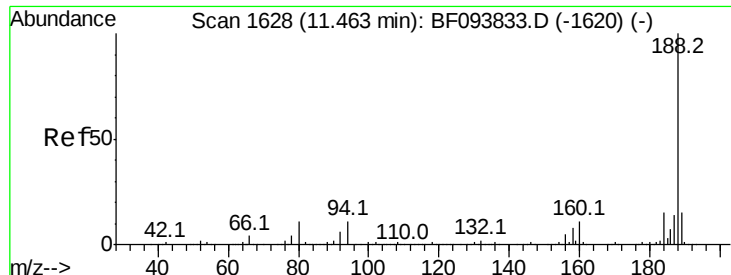
Abundance Ion 165.00 (164.70 to 165.70): E

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

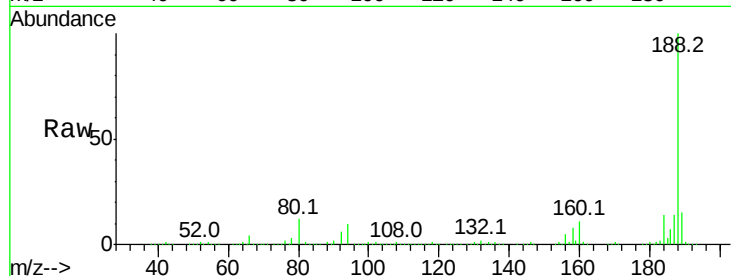




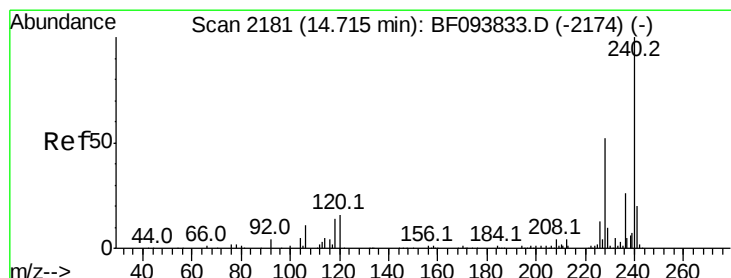
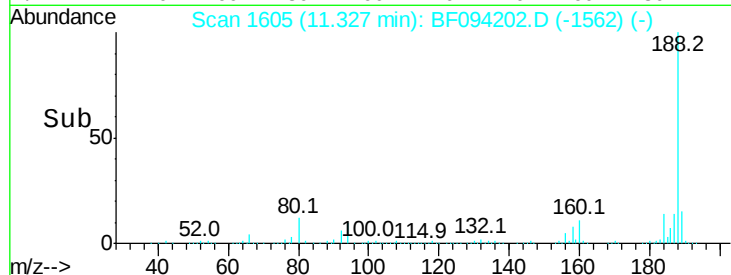
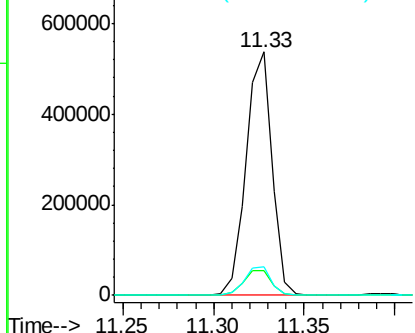
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 1605
Delta R.T. -0.05 min
Lab File: BF094202.D
Acq: 5 Apr 2017 21:11

Instrument :
BNA_F
ClientSampleId :
BASING-6(0-2)

Tot Ion:188 Resp: 533551
Ion Ratio Lower Upper
188 100
94 10.3 9.4 14.2
80 11.8 10.2 15.2

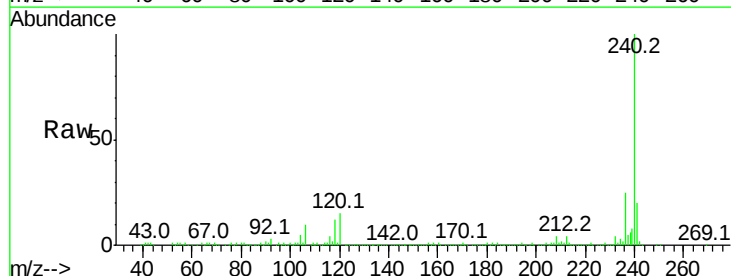


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

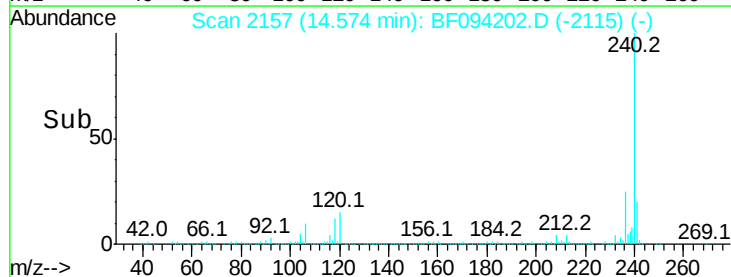
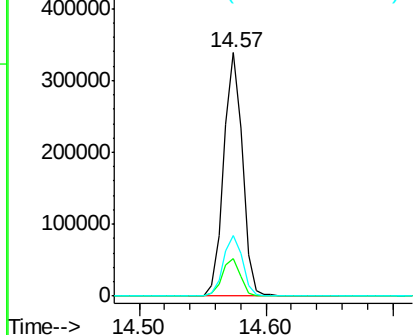


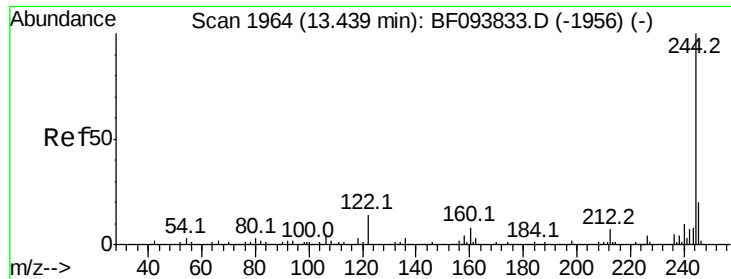
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.57 min Scan# 2157
Delta R.T. -0.05 min
Lab File: BF094202.D
Acq: 5 Apr 2017 21:11

Tgt Ion:240 Resp: 348096
Ion Ratio Lower Upper
240 100
120 15.4 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

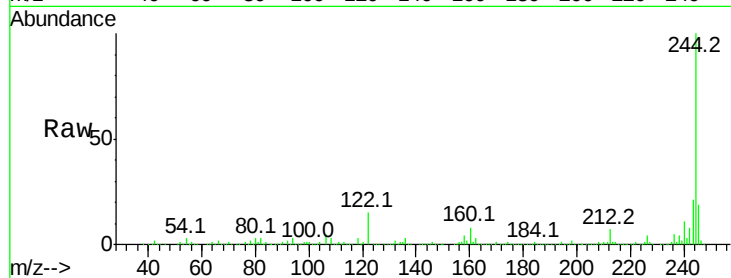




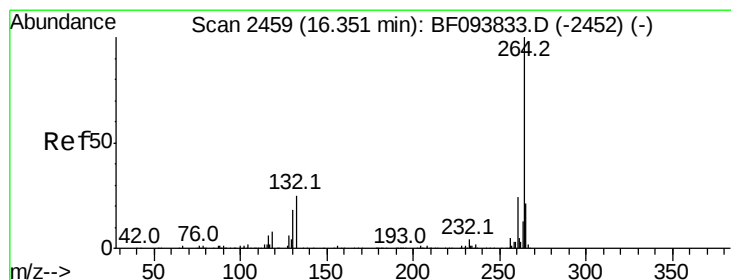
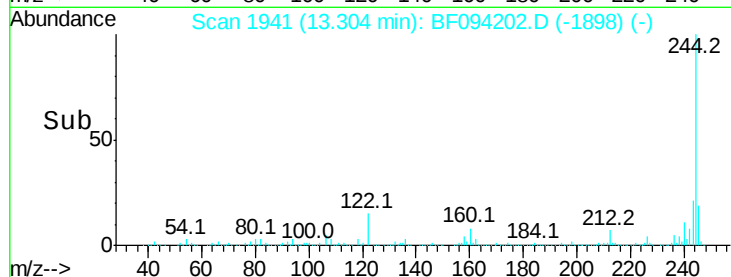
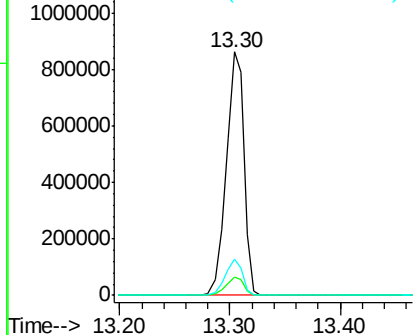
#78
 Terphenyl-d14
 Concen: 62.35 ng
 RT: 13.30 min Scan# 1941
 Delta R.T. -0.05 min
 Lab File: BF094202.D
 Acq: 5 Apr 2017 21:11

Instrument :
 BNA_F
 ClientSampleId :
 BASING-6(0-2)

Tot Ion:244 Resp: 968308
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 14.9 10.3 15.5

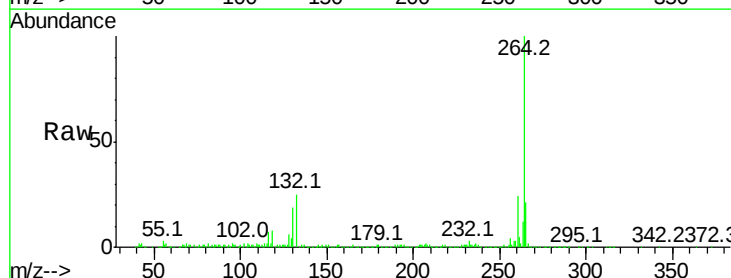


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.20 min Scan# 2434
 Delta R.T. -0.05 min
 Lab File: BF094202.D
 Acq: 5 Apr 2017 21:11

Tgt Ion:264 Resp: 301503
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 20.7 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

