

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040517\
 Data File : BF094205.D
 Acq On : 5 Apr 2017 22:33
 Operator : SJ/MA
 Sample : I2522-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BASING-4(0-2)

Quant Time: Apr 06 01:10:52 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

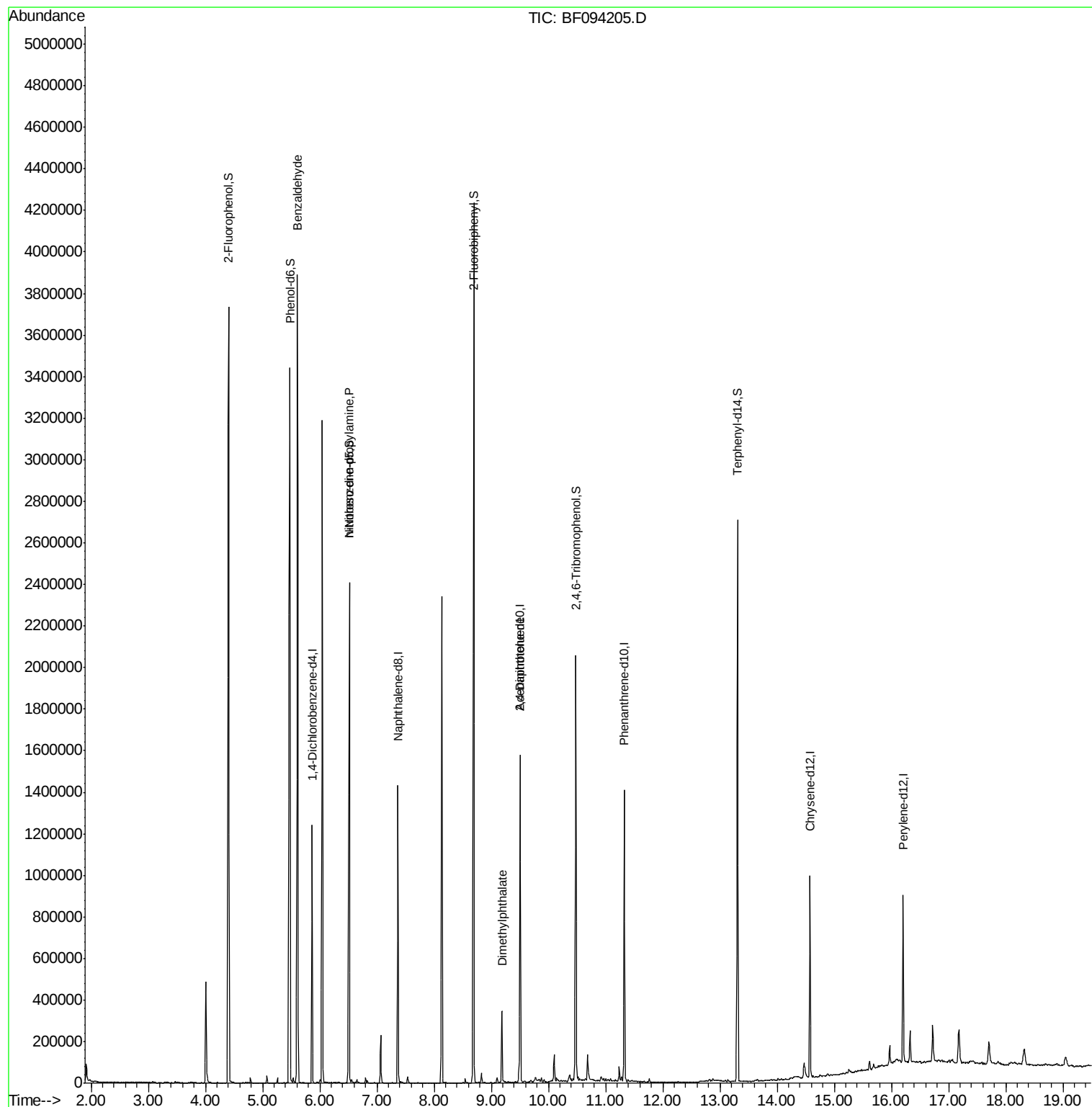
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.86	152	191300	20.00	ng	-0.04
21) Naphthalene-d8	7.36	136	752636	20.00	ng	-0.05
38) Acenaphthene-d10	9.50	164	326894	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	527304	20.00	ng	-0.05
75) Chrysene-d12	14.57	240	363347	20.00	ng	-0.05
86) Perylene-d12	16.20	264	317567	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	1168895	103.20	ng	-0.03
7) Phenol-d6	5.47	99	1483085	105.85	ng	-0.04
23) Nitrobenzene-d5	6.52	82	928765	70.42	ng	-0.04
41) 2,4,6-Tribromophenol	10.48	330	267491	103.55	ng	-0.04
44) 2-Fluorobiphenyl	8.69	172	1567616	73.14	ng	-0.04
78) Terphenyl-d14	13.31	244	1003179	61.89	ng	-0.04
Target Compounds						
9) Benzaldehyde	5.61	77	25691	2.72	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	6.52	70	122245	13.57	ng	# 77
49) Dimethylphthalate	9.19	163	155475	6.69	ng	99
56) 2,4-Dinitrotoluene	9.50	165	41844	6.25	ng	# 33

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

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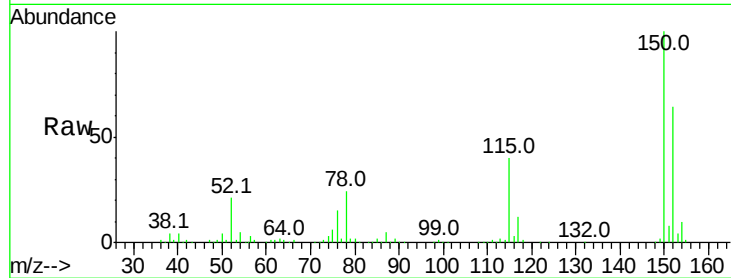


#1

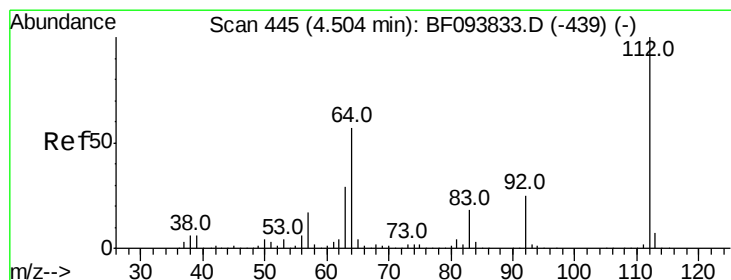
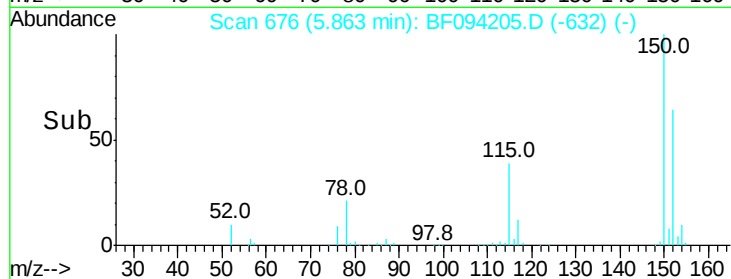
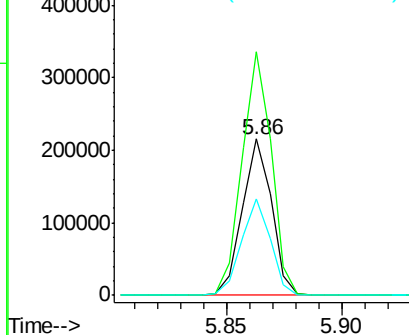
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.86 min Scan# 676
Delta R.T. -0.04 min
Lab File: BF094205.D
Acq: 5 Apr 2017 22:33

Instrument :
BNA_F
ClientSampleId :
BASING-4(0-2)

Tot Ion:152 Resp: 191300
Ion Ratio Lower Upper
152 100
150 156.1 126.2 189.2
115 61.9 52.2 78.2



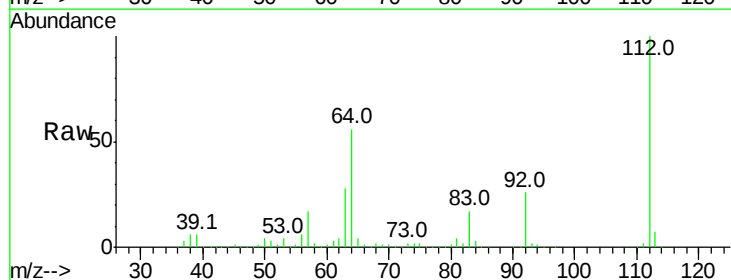
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



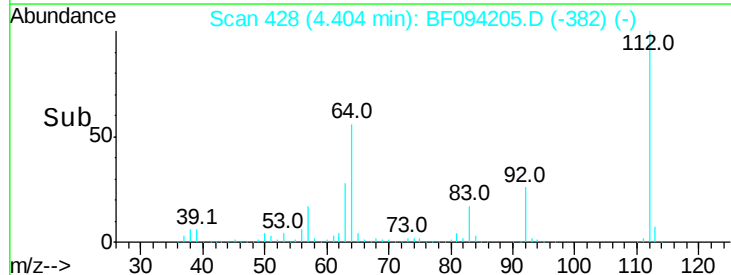
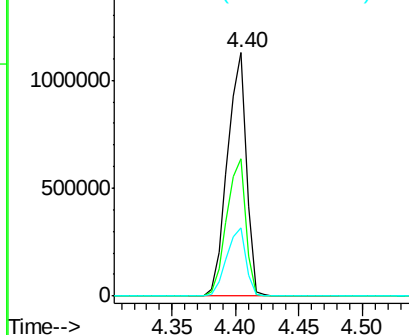
#5

2-Fluorophenol
Concen: 103.20 ng
RT: 4.40 min Scan# 428
Delta R.T. -0.03 min
Lab File: BF094205.D
Acq: 5 Apr 2017 22:33

Tgt Ion:112 Resp: 1168895
Ion Ratio Lower Upper
112 100
64 56.4 46.0 69.0
63 28.1 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: 105.85 ng

RT: 5.47 min Scan# 610

Delta R.T. -0.04 min

Lab File: BF094205.D

Acq: 5 Apr 2017 22:33

Instrument :

BNA_F

ClientSampleId :

BASING-4(0-2)

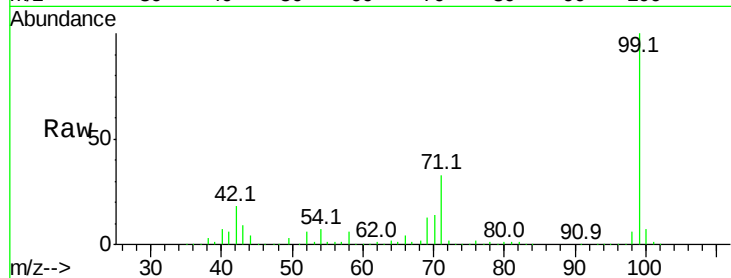
Tot Ion: 99 Resp: 1483085

Ion Ratio Lower Upper

99 100

42 17.5 13.5 20.3

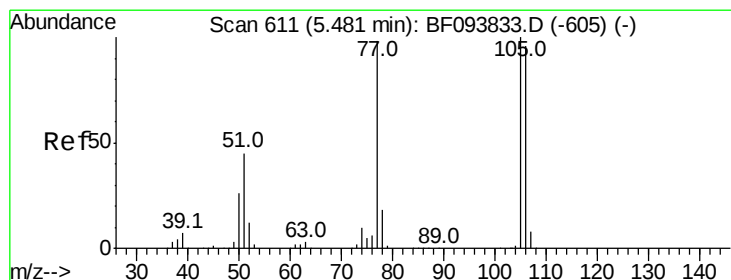
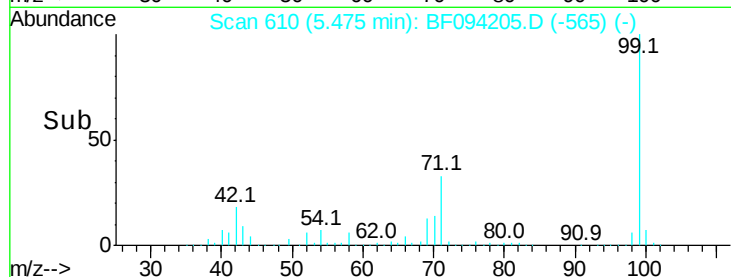
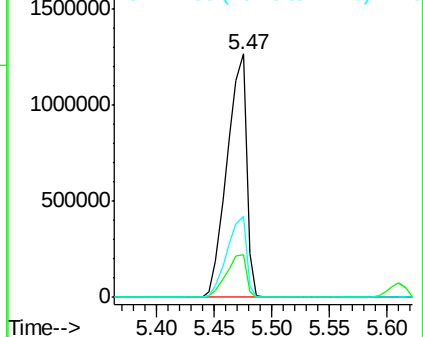
71 33.4 24.5 36.7



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: BF094205.D

Acq: 5 Apr 2017 22:33

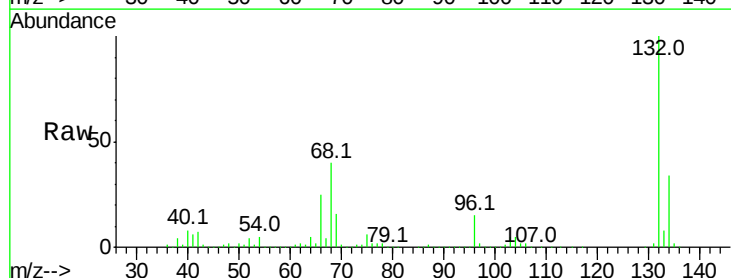
Tgt Ion: 77 Resp: 25691

Ion Ratio Lower Upper

77 100

105 87.3 83.8 123.8

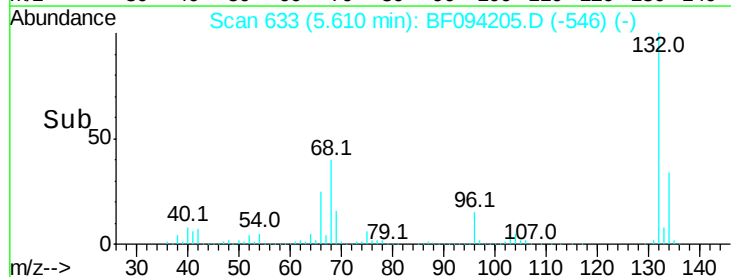
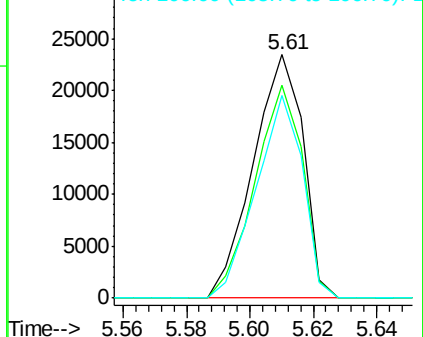
106 83.0 79.1 119.1



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: 13.57 ng

RT: 6.52 min Scan# 787

Delta R.T. 0.12 min

Lab File: BF094205.D

Acq: 5 Apr 2017 22:33

Instrument :

BNA_F

ClientSampleId :

BASING-4(0-2)

Tot Ion: 70 Resp: 122245

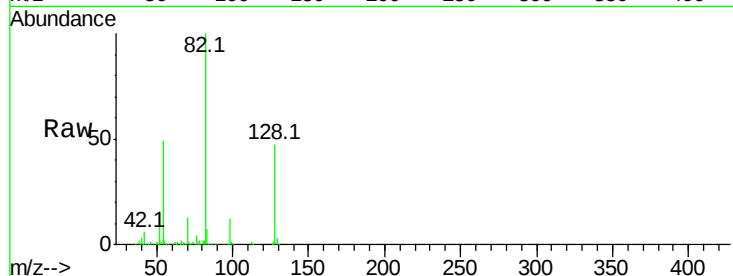
Ion Ratio Lower Upper

70 100

42 46.3 47.2 70.8#

101 0.0 7.2 10.8#

130 2.5 15.9 23.9#

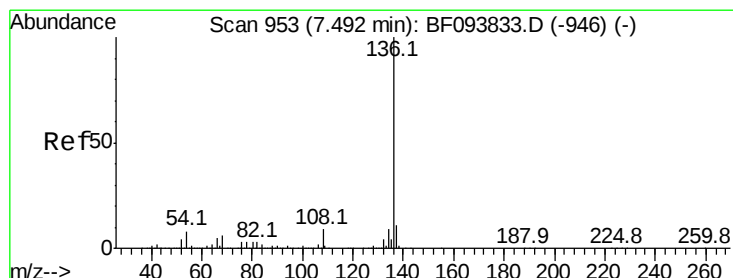
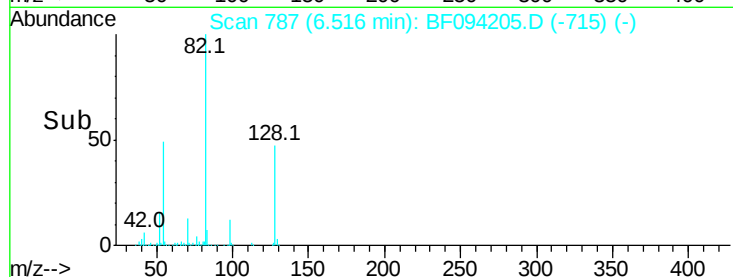
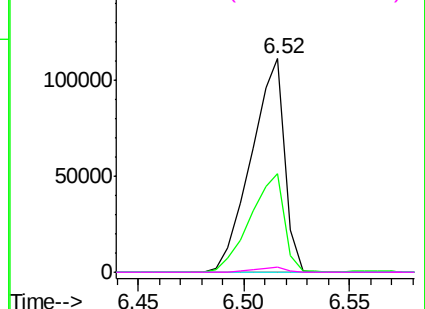


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF094205.D

Acq: 5 Apr 2017 22:33

Tgt Ion: 136 Resp: 752636

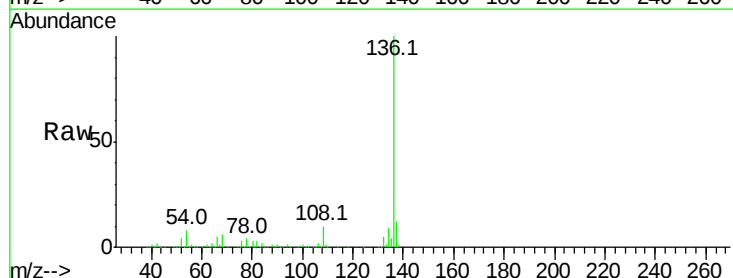
Ion Ratio Lower Upper

136 100

137 11.6 8.5 12.7

54 8.0 4.9 7.3#

68 6.3 4.1 6.1#

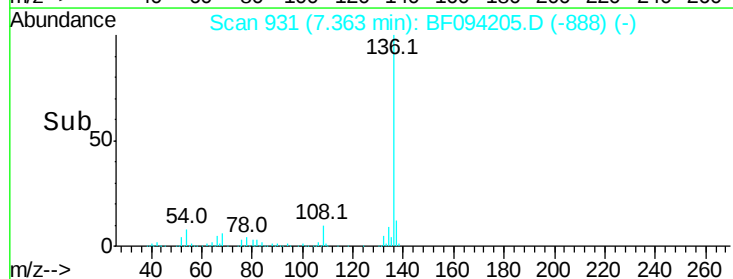
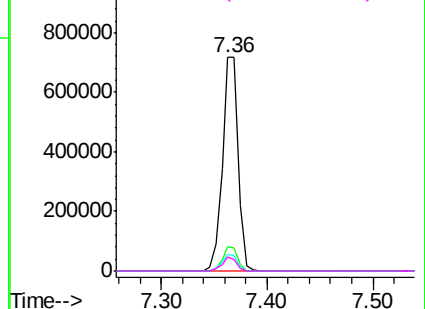


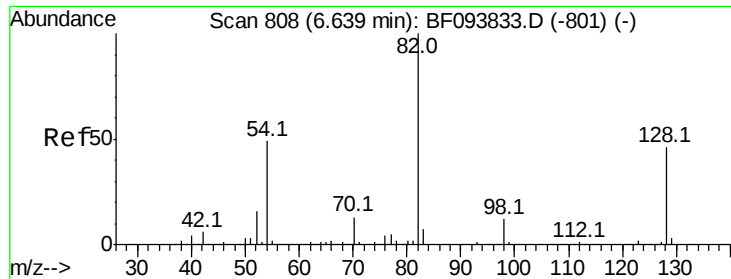
Abundance Ion 136.00 (135.70 to 136.70): BF0

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

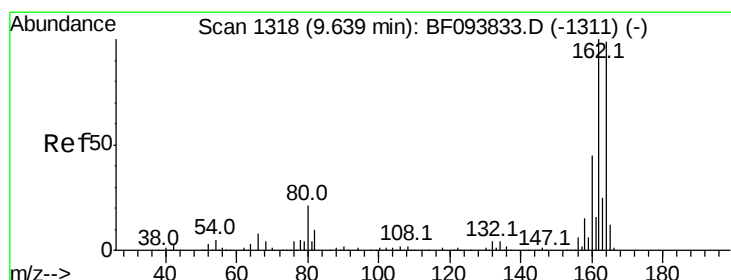
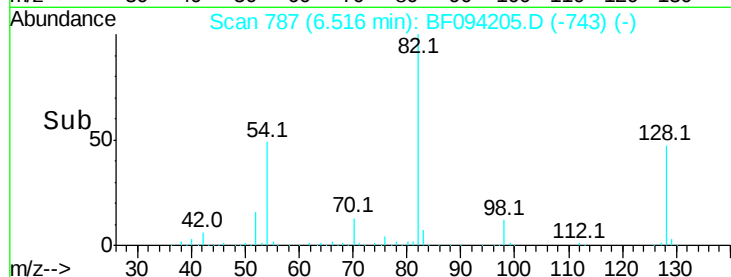
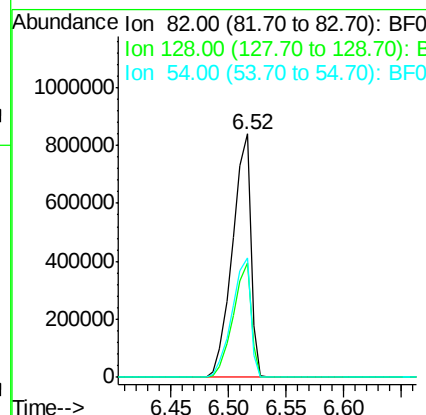
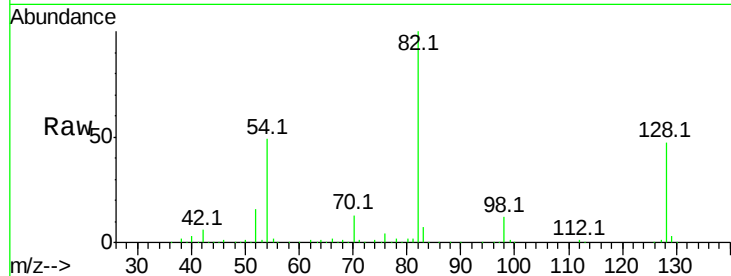




#23
 Nitrobenzene-d5
 Concen: 70.42 ng
 RT: 6.52 min Scan# 787
 Delta R.T. -0.04 min
 Lab File: BF094205.D
 Acq: 5 Apr 2017 22:33

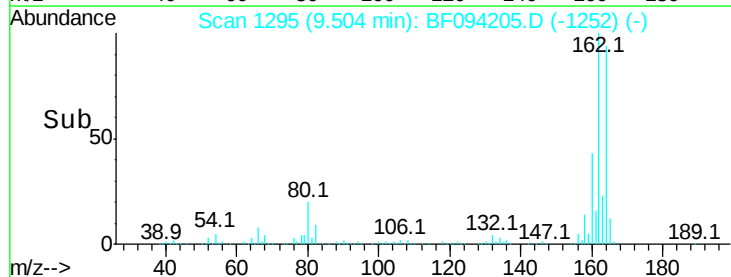
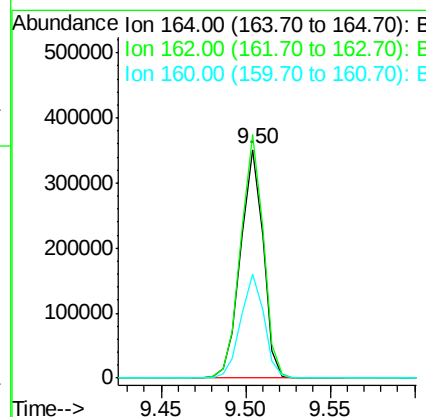
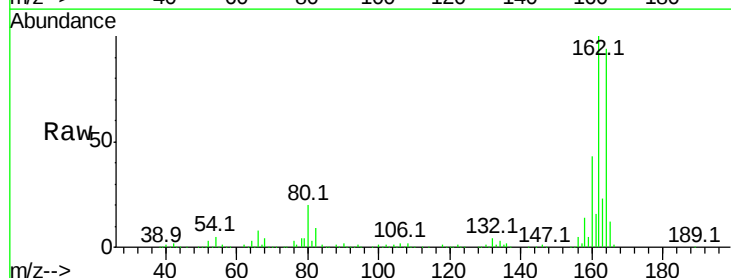
Instrument :
 BNA_F
 ClientSampleId :
 BASING-4(0-2)

Tot Ion: 82 Resp: 928765
 Ion Ratio Lower Upper
 82 100
 128 46.8 34.0 51.0
 54 48.8 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: BF094205.D
 Acq: 5 Apr 2017 22:33

Tgt Ion:164 Resp: 326894
 Ion Ratio Lower Upper
 164 100
 162 106.6 82.6 123.8
 160 45.6 36.2 54.2

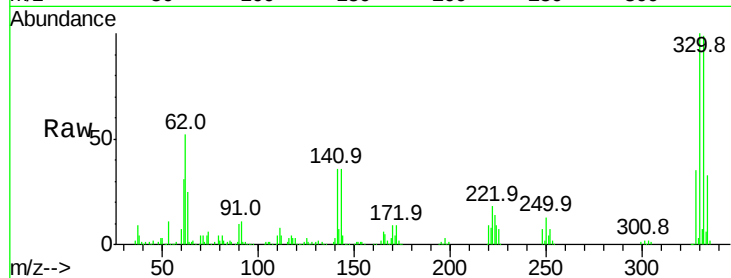




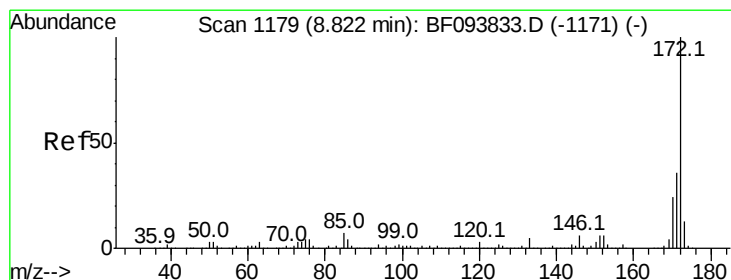
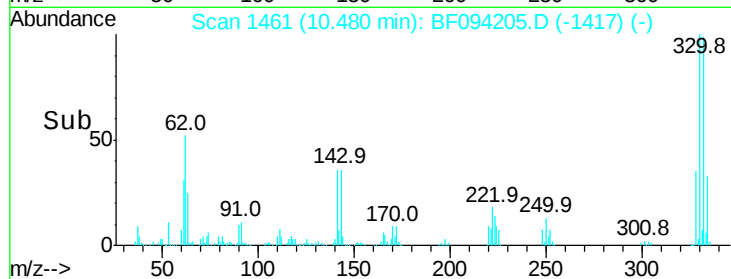
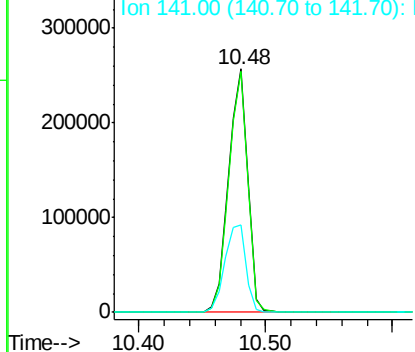
#41
 2,4,6-Tribromophenol
 Concen: 103.55 ng
 RT: 10.48 min Scan# 1461
 Delta R.T. -0.04 min
 Lab File: BF094205.D
 Acq: 5 Apr 2017 22:33

Instrument :
 BNA_F
 ClientSampleId :
 BASING-4(0-2)

Tot Ion:330 Resp: 267491
 Ion Ratio Lower Upper
 330 100
 332 97.9 76.6 115.0
 141 39.7 31.4 47.2

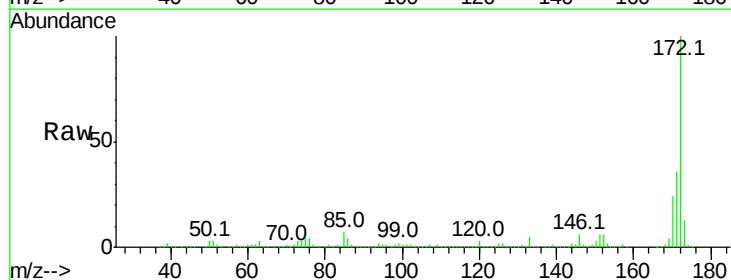


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

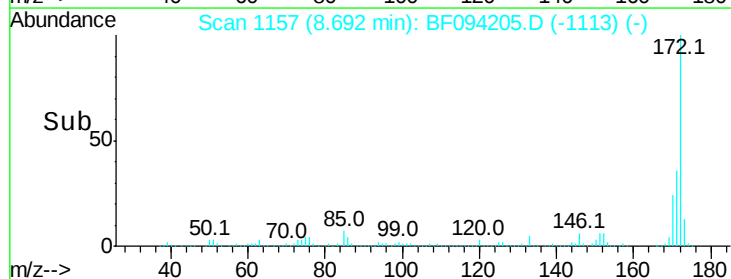
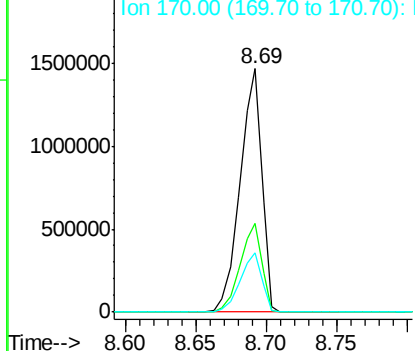


#44
 2-Fluorobiphenyl
 Concen: 73.14 ng
 RT: 8.69 min Scan# 1157
 Delta R.T. -0.04 min
 Lab File: BF094205.D
 Acq: 5 Apr 2017 22:33

Tgt Ion:172 Resp: 1567616
 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

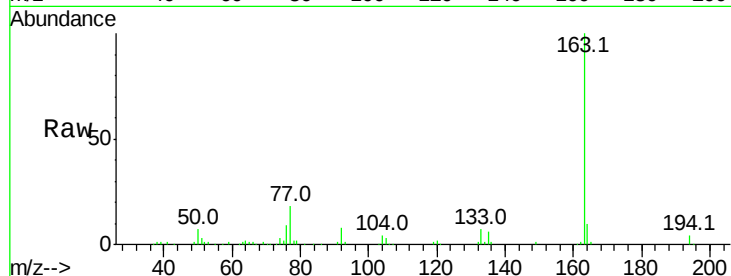




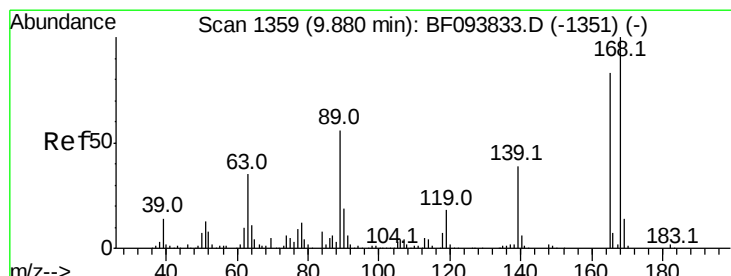
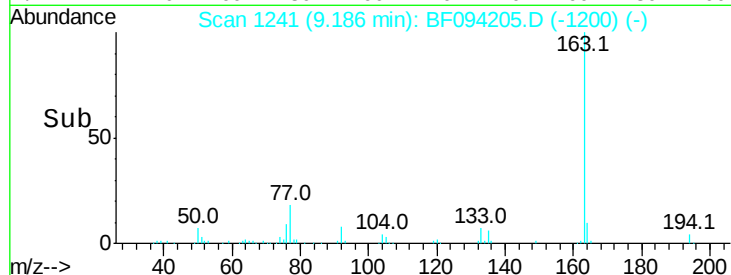
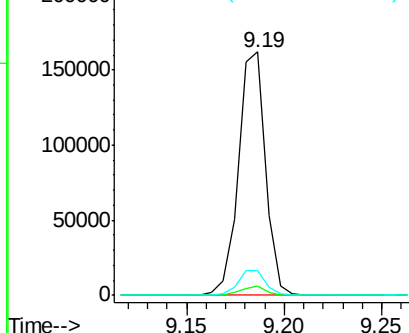
#49
Dimethylphthalate
Concen: 6.69 ng
RT: 9.19 min Scan# 1241
Delta R.T. -0.06 min
Lab File: BF094205.D
Acq: 5 Apr 2017 22:33

Instrument :
BNA_F
ClientSampleId :
BASING-4(0-2)

Tot Ion:163 Resp: 155475
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 10.4 8.4 12.6

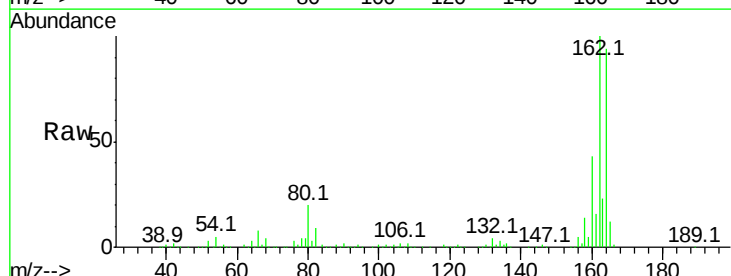


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

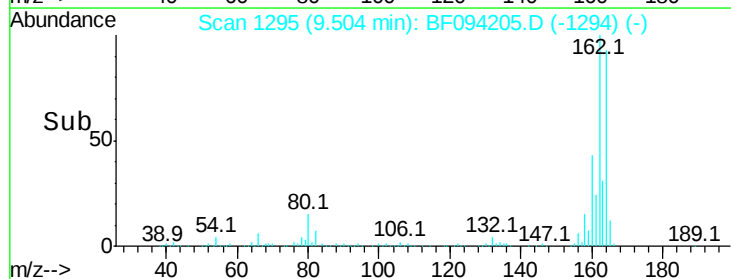
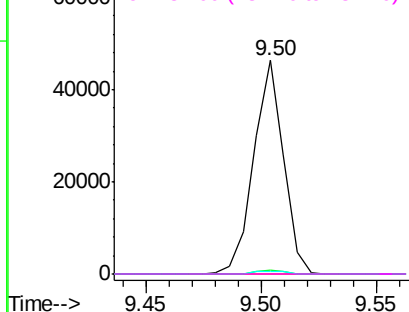


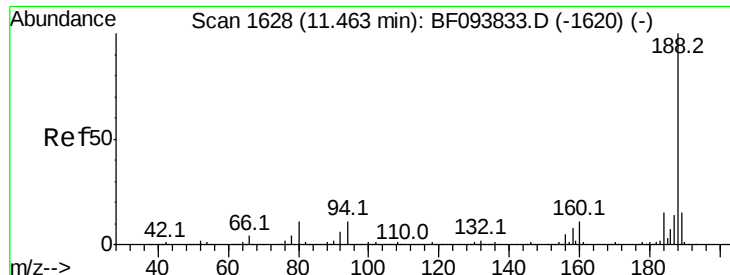
#56
2,4-Dinitrotoluene
Concen: 6.25 ng
RT: 9.50 min Scan# 1295
Delta R.T. -0.29 min
Lab File: BF094205.D
Acq: 5 Apr 2017 22:33

Tgt Ion:165 Resp: 41844
Ion Ratio Lower Upper
165 100
63 1.6 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: BF094205.D

Acq: 5 Apr 2017 22:33

Instrument :

BNA_F

ClientSampleId :

BASING-4(0-2)

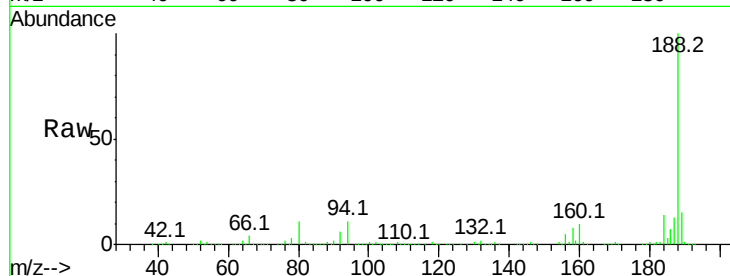
Tot Ion:188 Resp: 527304

Ion Ratio Lower Upper

188 100

94 10.5 9.4 14.2

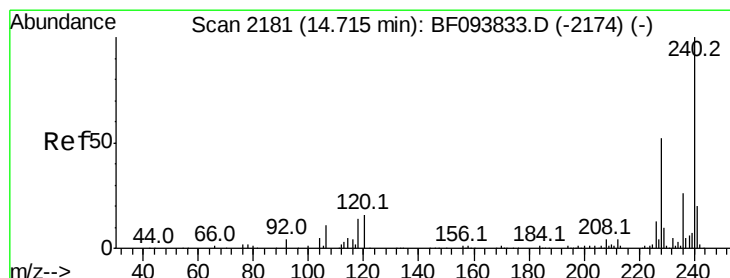
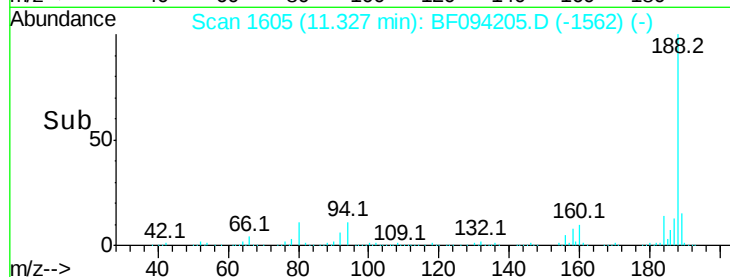
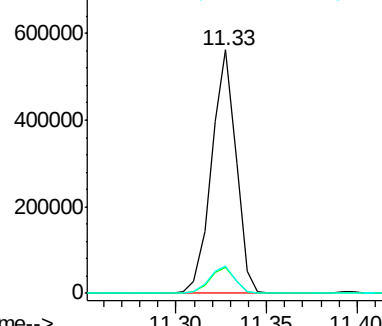
80 11.0 10.2 15.2



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: BF094205.D

Acq: 5 Apr 2017 22:33

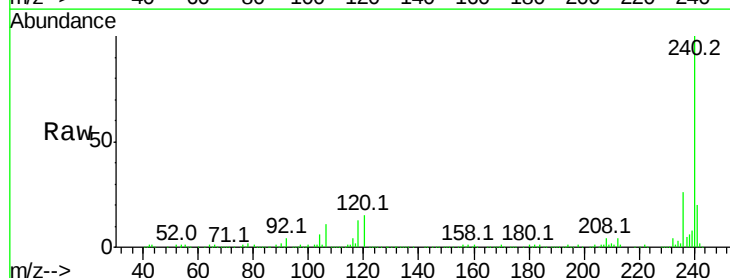
Tgt Ion:240 Resp: 363347

Ion Ratio Lower Upper

240 100

120 14.9 5.8 8.8#

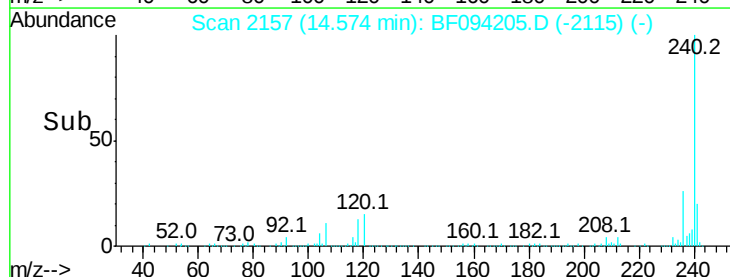
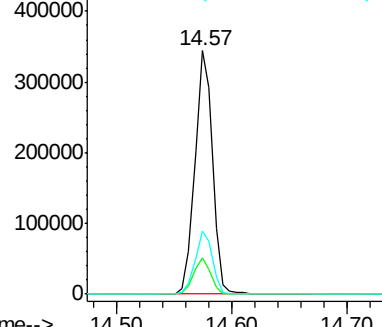
236 25.9 20.5 30.7

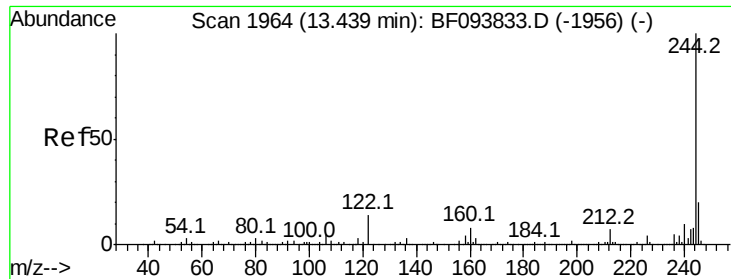


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

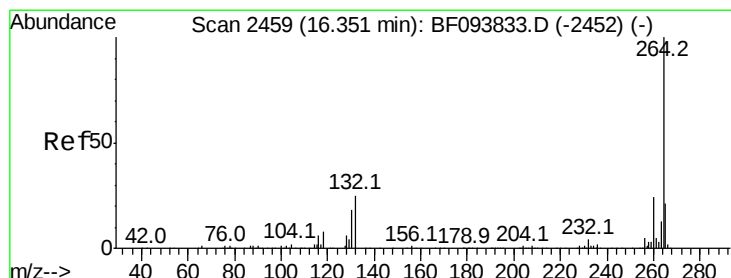
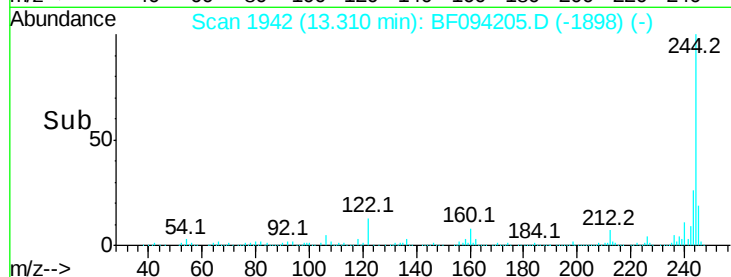
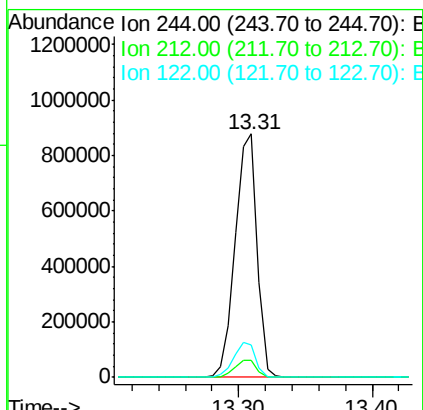
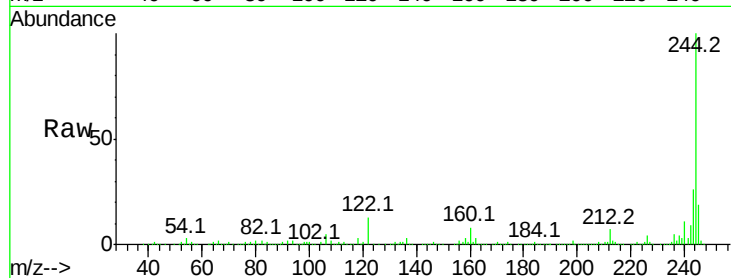




#78
 Terphenyl-d14
 Concen: 61.89 ng
 RT: 13.31 min Scan# 1942
 Delta R.T. -0.04 min
 Lab File: BF094205.D
 Acq: 5 Apr 2017 22:33

Instrument :
 BNA_F
 ClientSampleId :
 BASING-4(0-2)

Tot Ion:244 Resp: 1003179
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 13.2 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.20 min Scan# 2434
 Delta R.T. -0.05 min
 Lab File: BF094205.D
 Acq: 5 Apr 2017 22:33

Tgt Ion:264 Resp: 317567
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.5 29.3
 265 21.2 17.2 25.8

