

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040517\
 Data File : BF094200.D
 Acq On : 5 Apr 2017 20:16
 Operator : SJ/MA
 Sample : I2523-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BASING-13(0-2)

Quant Time: Apr 06 01:09:38 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

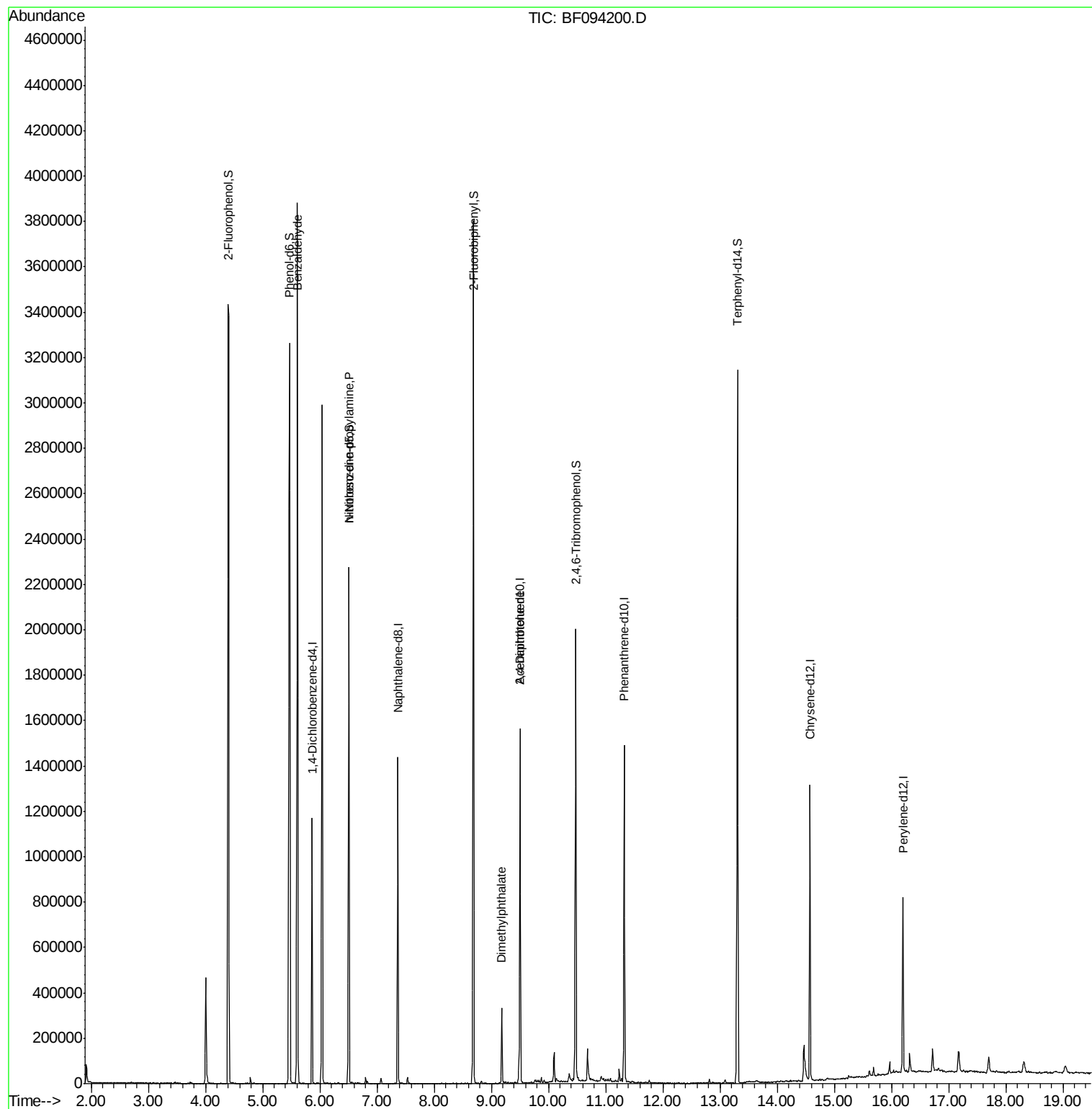
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.86	152	176985	20.00	ng	-0.04
21) Naphthalene-d8	7.36	136	720626	20.00	ng	-0.05
38) Acenaphthene-d10	9.50	164	331636	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	594571	20.00	ng	-0.05
75) Chrysene-d12	14.57	240	470884	20.00	ng	-0.05
86) Perylene-d12	16.20	264	321857	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	1134012	108.22	ng	-0.03
7) Phenol-d6	5.47	99	1464861	113.00	ng	-0.04
23) Nitrobenzene-d5	6.51	82	908601	71.96	ng	-0.05
41) 2,4,6-Tribromophenol	10.48	330	255542	97.51	ng	-0.04
44) 2-Fluorobiphenyl	8.69	172	1486682	68.38	ng	-0.05
78) Terphenyl-d14	13.31	244	1225444	58.33	ng	-0.04
Target Compounds						
9) Benzaldehyde	5.61	77	25597	2.92	ng	Qvalue 82
19) n-Nitroso-di-n-propylamine	6.51	70	119464	14.34	ng	# 75
49) Dimethylphthalate	9.18	163	147520	6.26	ng	99
56) 2,4-Dinitrotoluene	9.50	165	43618	6.43	ng	# 33

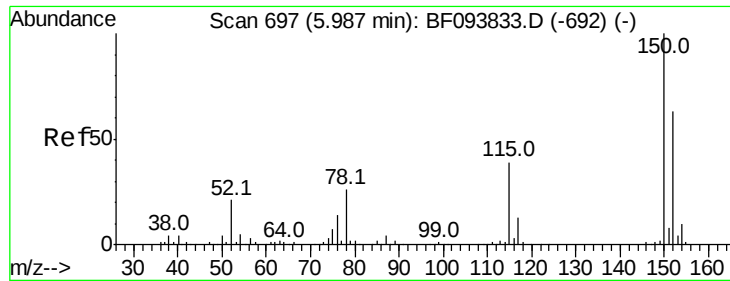
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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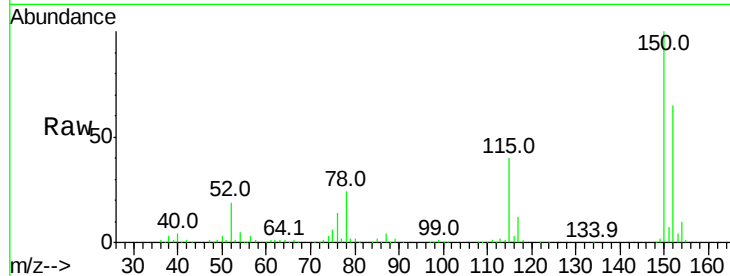


#1

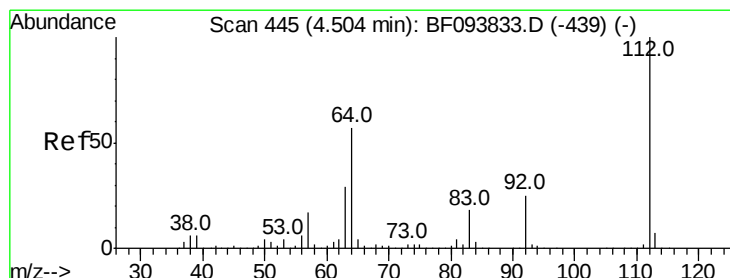
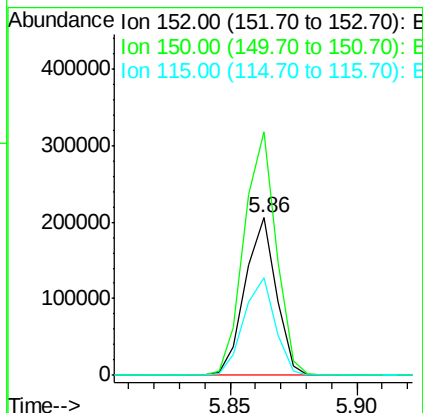
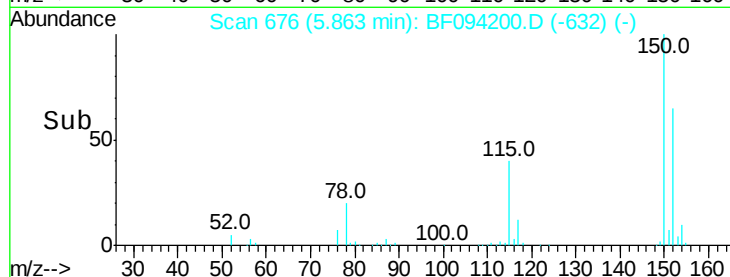
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.86 min Scan# 676
Delta R.T. -0.04 min
Lab File: BF094200.D
Acq: 5 Apr 2017 20:16

Instrument :
BNA_F
ClientSampleId :
BASING-13(0-2)

Tot Ion:152 Resp: 176985
Ion Ratio Lower Upper
152 100
150 154.3 126.2 189.2
115 61.7 52.2 78.2



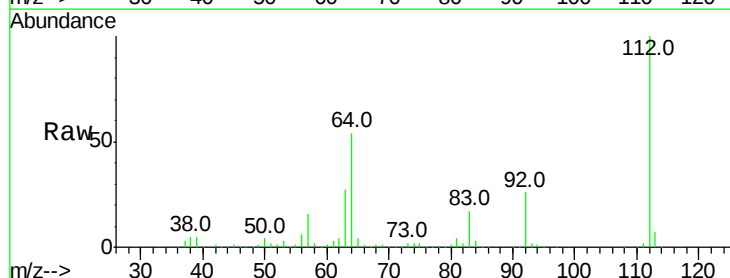
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



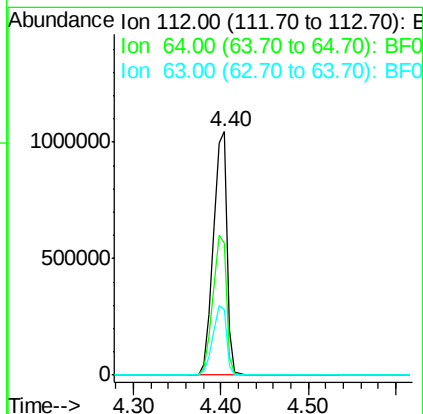
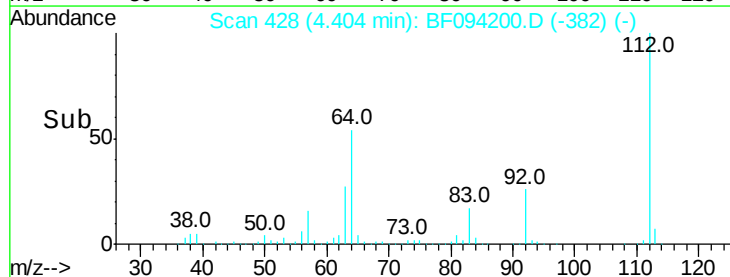
#5

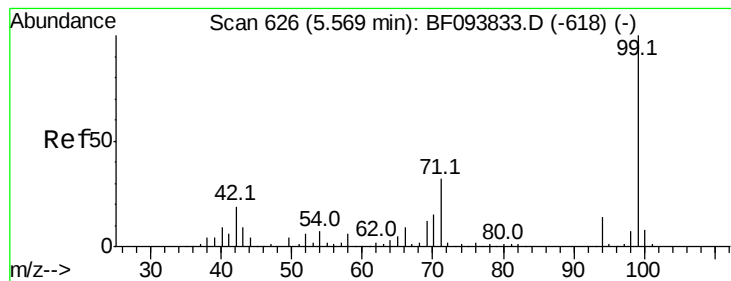
2-Fluorophenol
Concen: 108.22 ng
RT: 4.40 min Scan# 428
Delta R.T. -0.03 min
Lab File: BF094200.D
Acq: 5 Apr 2017 20:16

Tgt Ion:112 Resp: 1134012
Ion Ratio Lower Upper
112 100
64 54.3 46.0 69.0
63 27.2 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: 113.00 ng

RT: 5.47 min Scan# 609

Delta R.T. -0.04 min

Lab File: BF094200.D

Acq: 5 Apr 2017 20:16

Instrument :

BNA_F

ClientSampleId :

BASING-13(0-2)

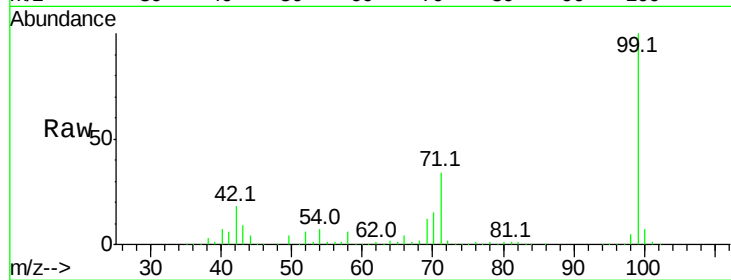
Tot Ion: 99 Resp: 1464861

Ion Ratio Lower Upper

99 100

42 18.1 13.5 20.3

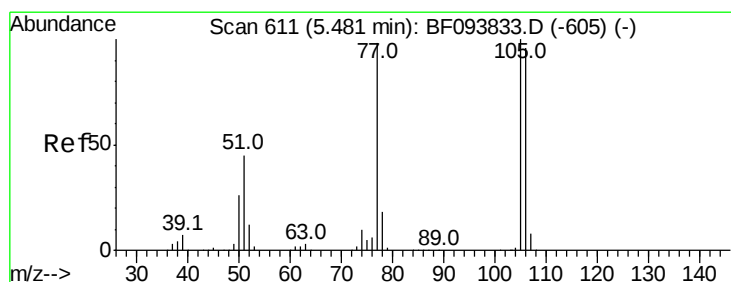
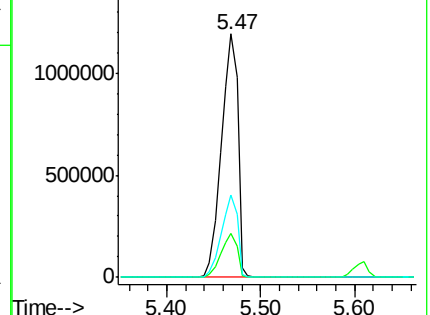
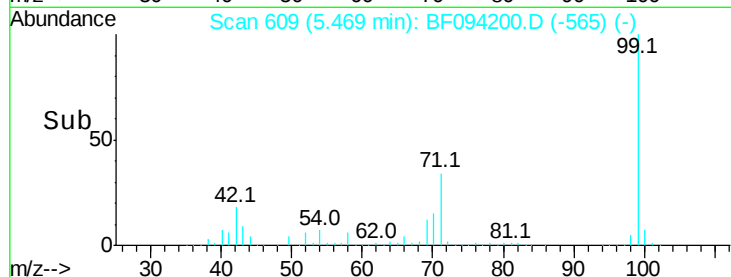
71 33.8 24.5 36.7



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: 2.92 ng

RT: 5.61 min Scan# 633

Delta R.T. 0.21 min

Lab File: BF094200.D

Acq: 5 Apr 2017 20:16

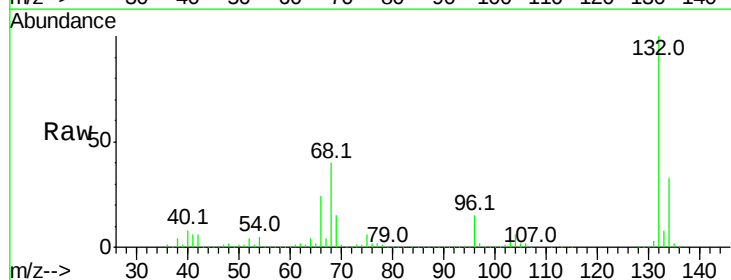
Tgt Ion: 77 Resp: 25597

Ion Ratio Lower Upper

77 100

105 83.9 83.8 123.8

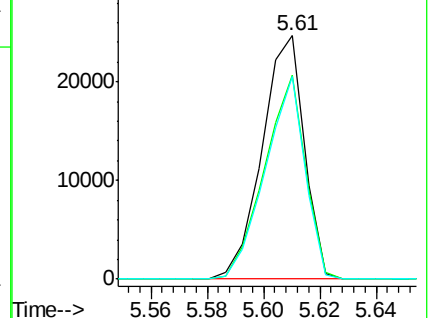
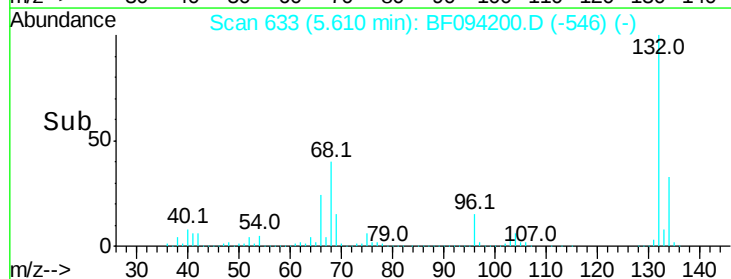
106 83.0 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 14.34 ng

RT: 6.51 min Scan# 786

Delta R.T. 0.12 min

Lab File: BF094200.D

Acq: 5 Apr 2017 20:16

Instrument :

BNA_F

ClientSampleId :

BASING-13(0-2)

Tot Ion: 70 Resp: 119464

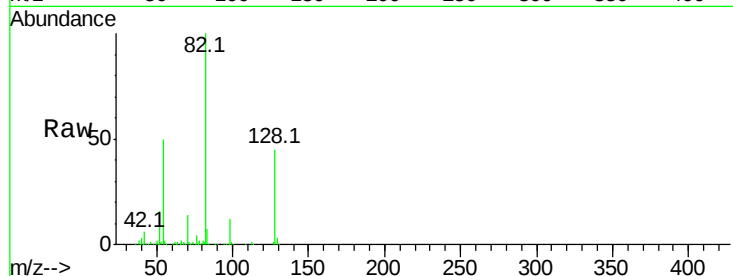
Ion Ratio Lower Upper

70 100

42 44.0 47.2 70.8#

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#

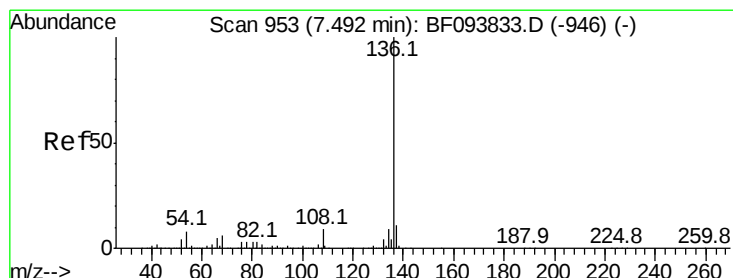
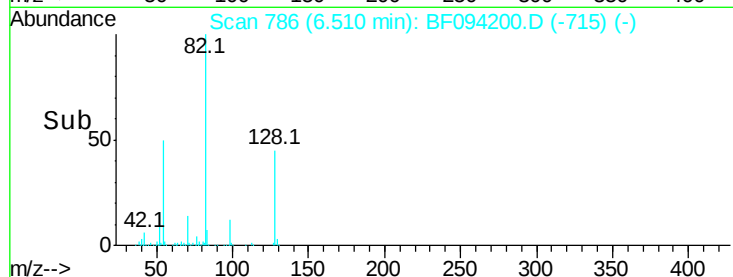
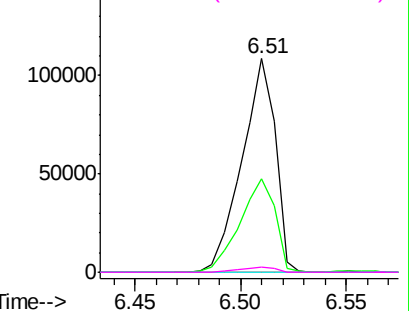


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): 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: BF094200.D

Acq: 5 Apr 2017 20:16

Tgt Ion: 136 Resp: 720626

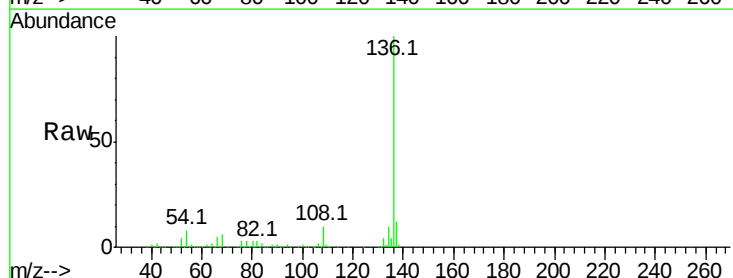
Ion Ratio Lower Upper

136 100

137 11.8 8.5 12.7

54 7.9 4.9 7.3#

68 6.3 4.1 6.1#

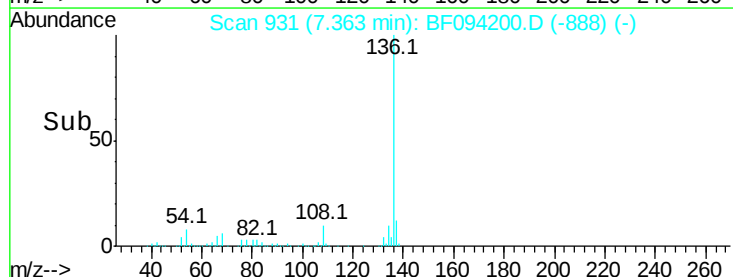
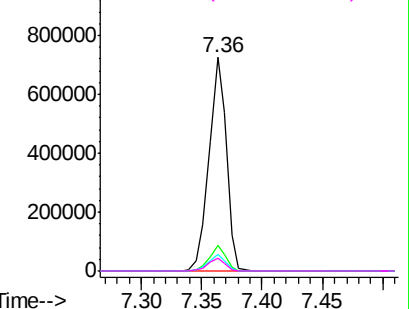


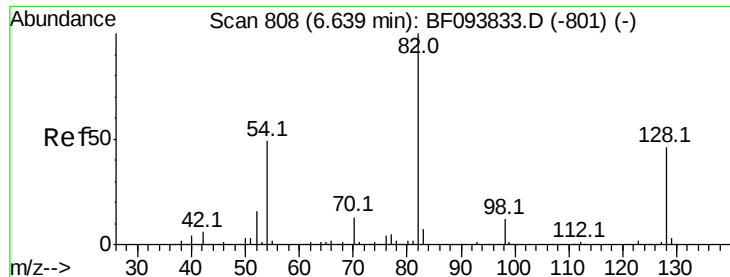
Abundance Ion 136.00 (135.70 to 136.70): BF0

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

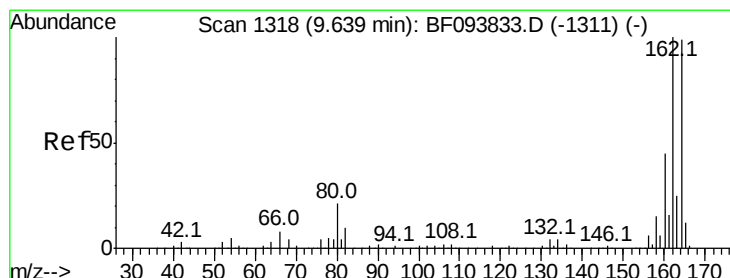
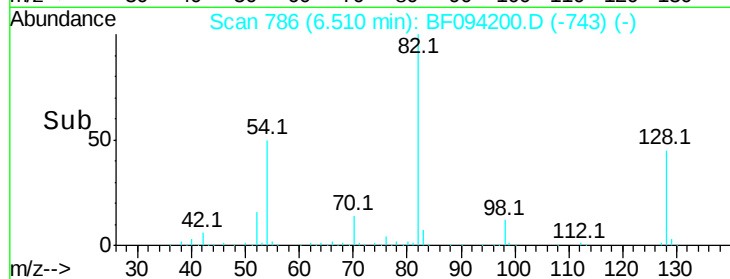
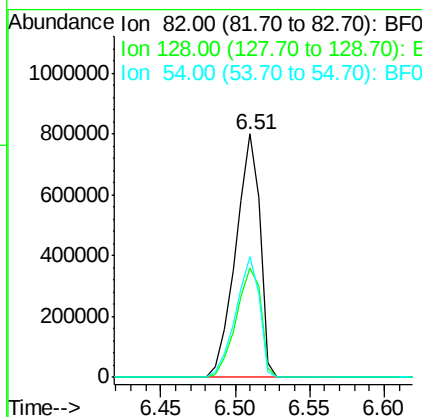
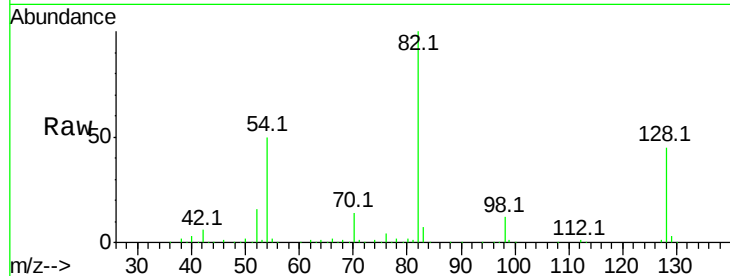




#23
 Nitrobenzene-d5
 Concen: 71.96 ng
 RT: 6.51 min Scan# 786
 Delta R.T. -0.05 min
 Lab File: BF094200.D
 Acq: 5 Apr 2017 20:16

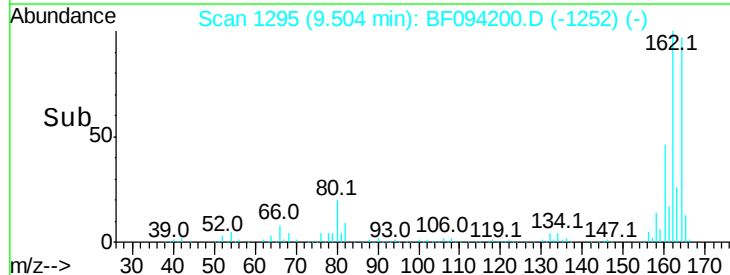
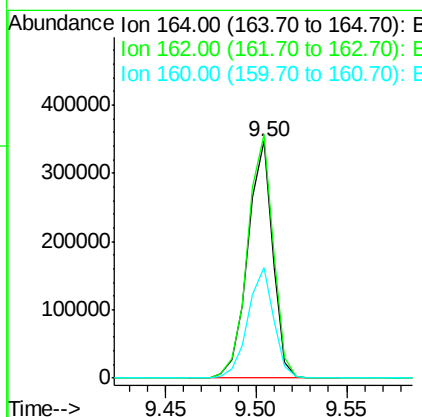
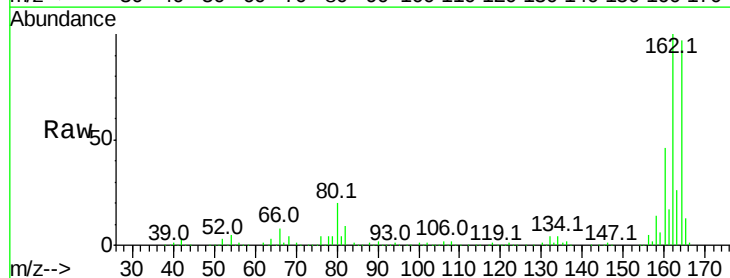
Instrument :
 BNA_F
 ClientSampleId :
 BASING-13(0-2)

Tot Ion: 82 Resp: 908601
 Ion Ratio Lower Upper
 82 100
 128 44.9 34.0 51.0
 54 49.6 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: BF094200.D
 Acq: 5 Apr 2017 20:16

Tgt Ion:164 Resp: 331636
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.6 123.8
 160 46.9 36.2 54.2

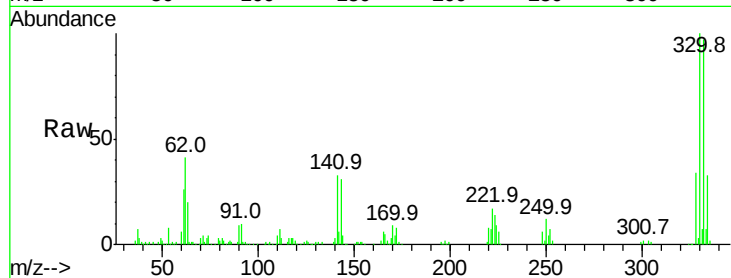




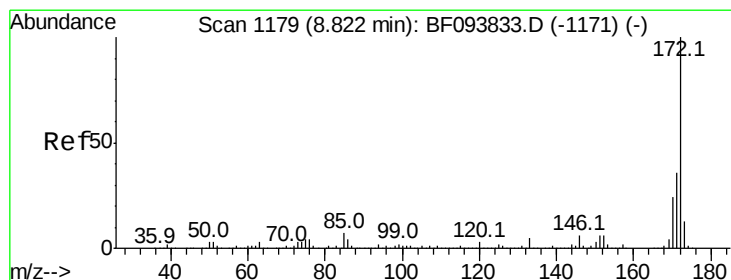
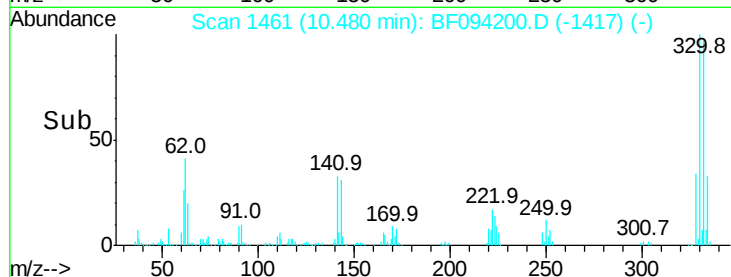
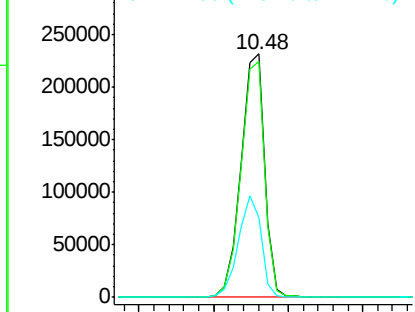
#41
 2,4,6-Tribromophenol
 Concen: 97.51 ng
 RT: 10.48 min Scan# 1461
 Delta R.T. -0.04 min
 Lab File: BF094200.D
 Acq: 5 Apr 2017 20:16

Instrument :
 BNA_F
 ClientSampleId :
 BASING-13(0-2)

Tot Ion:330 Resp: 255542
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 115.0
 141 40.7 31.4 47.2

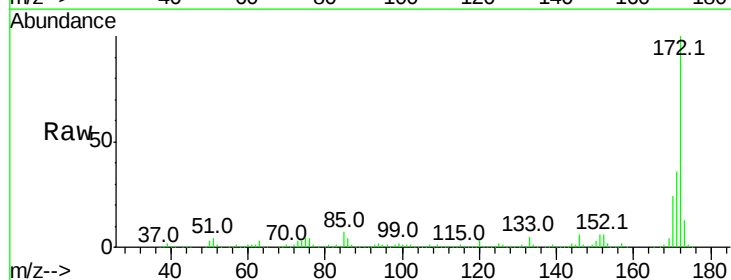


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

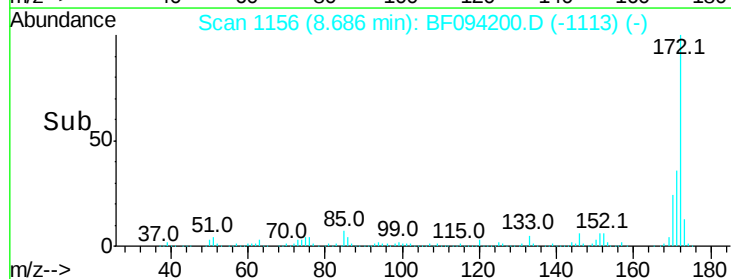
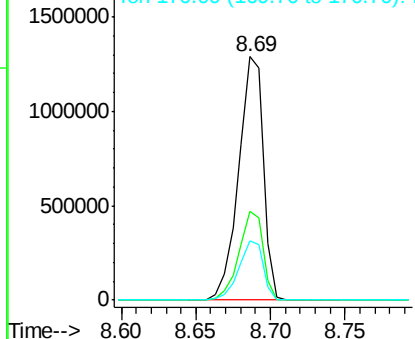


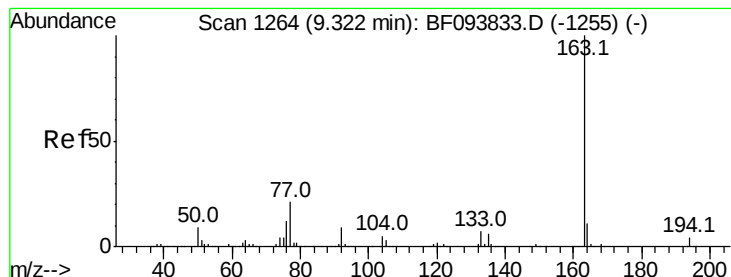
#44
 2-Fluorobiphenyl
 Concen: 68.38 ng
 RT: 8.69 min Scan# 1156
 Delta R.T. -0.05 min
 Lab File: BF094200.D
 Acq: 5 Apr 2017 20:16

Tgt Ion:172 Resp: 1486682
 Ion Ratio Lower Upper
 172 100
 171 36.4 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: 6.26 ng

RT: 9.18 min Scan# 1240

Delta R.T. -0.06 min

Lab File: BF094200.D

Acq: 5 Apr 2017 20:16

Instrument :

BNA_F

ClientSampleId :

BASING-13(0-2)

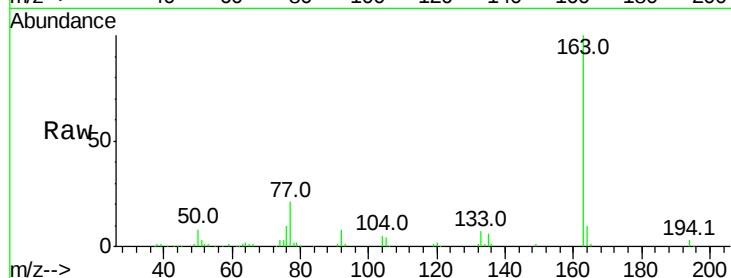
Tot Ion:163 Resp: 147520

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

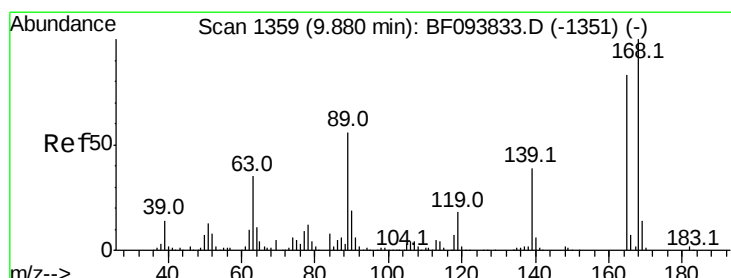
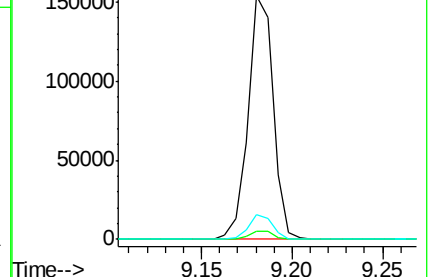
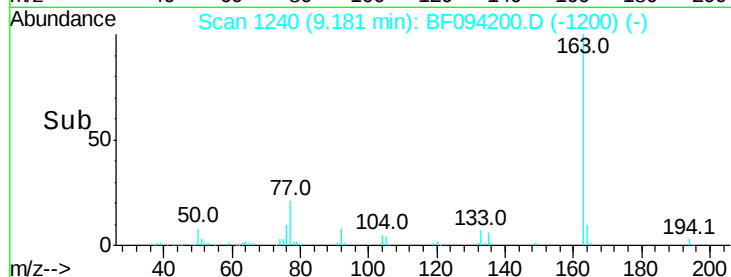
164 10.3 8.4 12.6



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: 6.43 ng

RT: 9.50 min Scan# 1295

Delta R.T. -0.29 min

Lab File: BF094200.D

Acq: 5 Apr 2017 20:16

Tgt Ion:165 Resp: 43618

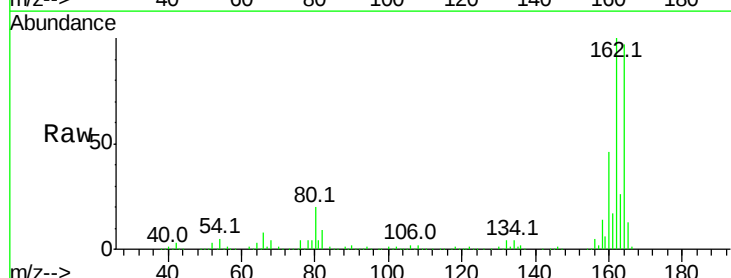
Ion Ratio Lower Upper

165 100

63 1.1 25.4 38.0#

89 1.8 46.4 69.6#

182 0.0 1.8 2.6#

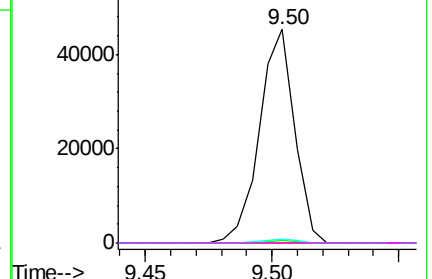
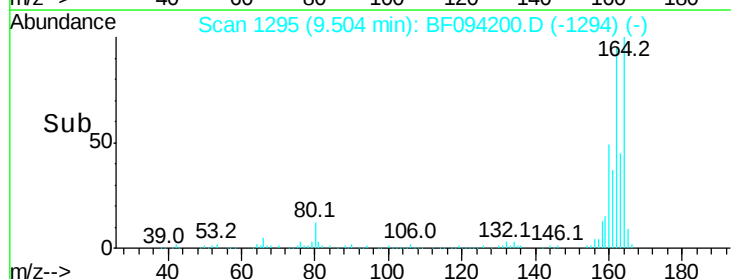


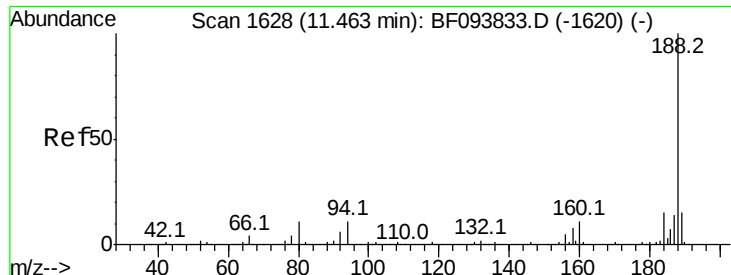
Abundance Ion 165.00 (164.70 to 165.70): E

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

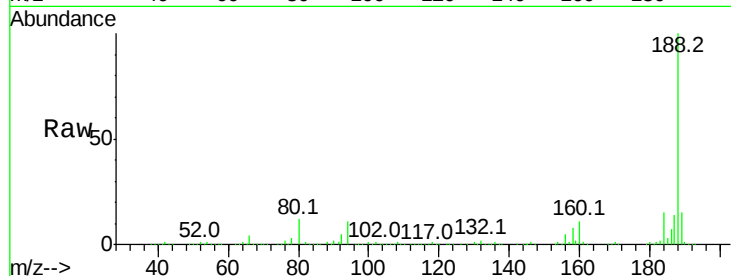




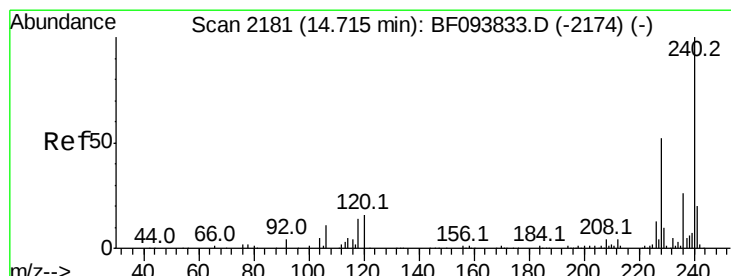
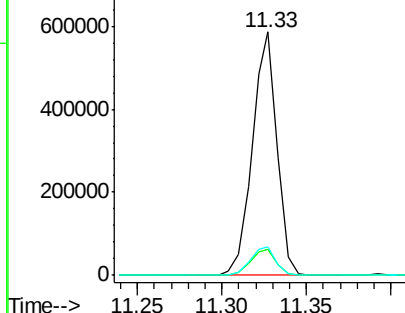
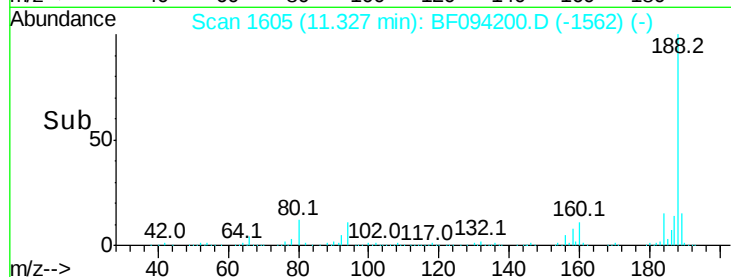
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 1605
Delta R.T. -0.05 min
Lab File: BF094200.D
Acq: 5 Apr 2017 20:16

Instrument :
BNA_F
ClientSampleId :
BASING-13(0-2)

Tot Ion:188 Resp: 594571
Ion Ratio Lower Upper
188 100
94 11.0 9.4 14.2
80 11.5 10.2 15.2

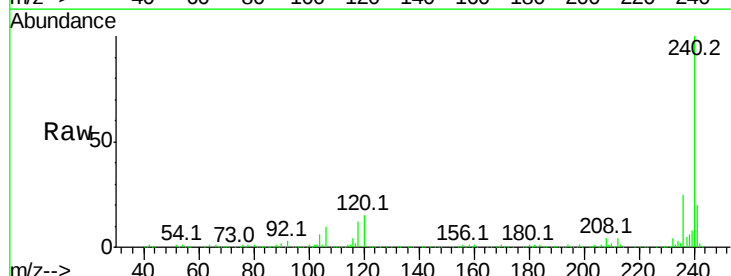


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

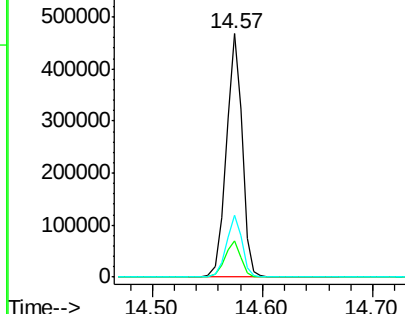
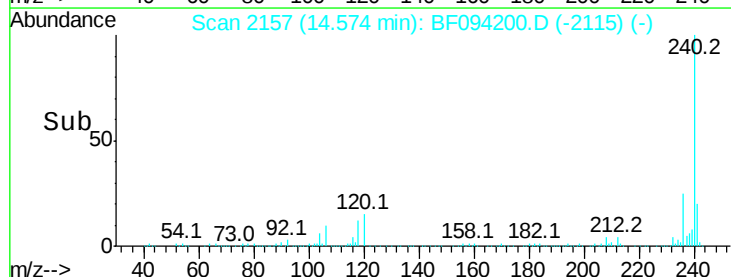


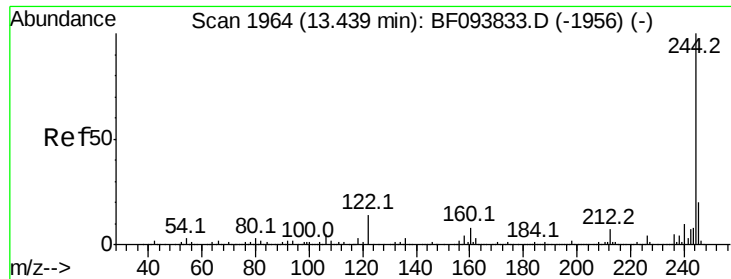
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.57 min Scan# 2157
Delta R.T. -0.05 min
Lab File: BF094200.D
Acq: 5 Apr 2017 20:16

Tgt Ion:240 Resp: 470884
Ion Ratio Lower Upper
240 100
120 14.7 5.8 8.8#
236 25.5 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

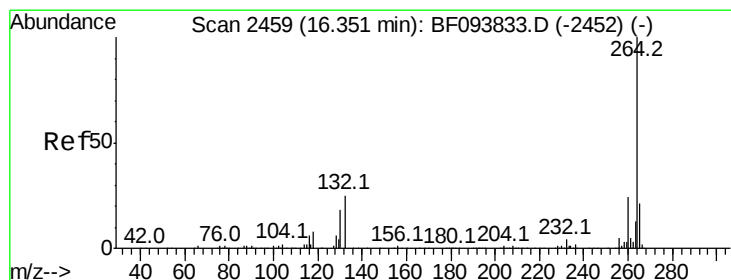
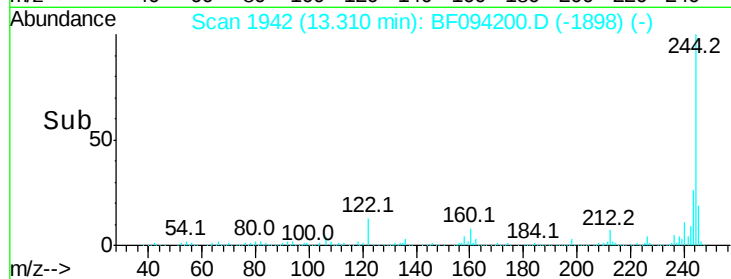
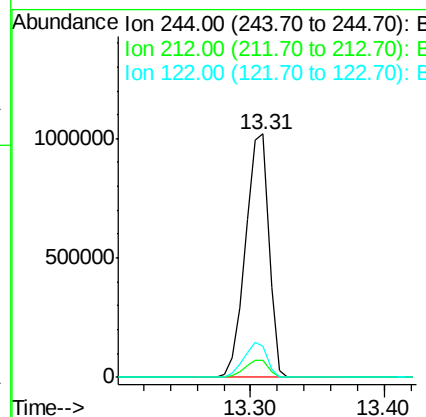
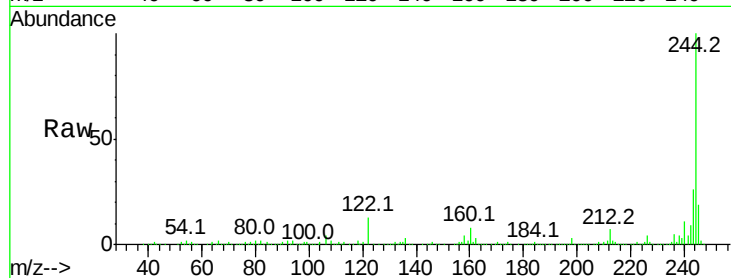




#78
 Terphenyl-d14
 Concen: 58.33 ng
 RT: 13.31 min Scan# 1942
 Delta R.T. -0.04 min
 Lab File: BF094200.D
 Acq: 5 Apr 2017 20:16

Instrument :
 BNA_F
 ClientSampleId :
 BASING-13(0-2)

Tot Ion:244 Resp: 1225444
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 12.9 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: BF094200.D
 Acq: 5 Apr 2017 20:16

Tgt Ion:264 Resp: 321857
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 21.0 17.2 25.8

