

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
 Data File : BF093769.D
 Acq On : 20 Mar 2017 17:35
 Operator : SJ/MA
 Sample : I2263-13
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-105I

Quant Time: Mar 21 01:03:35 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 16:03:59 2017
 Response via : Initial Calibration

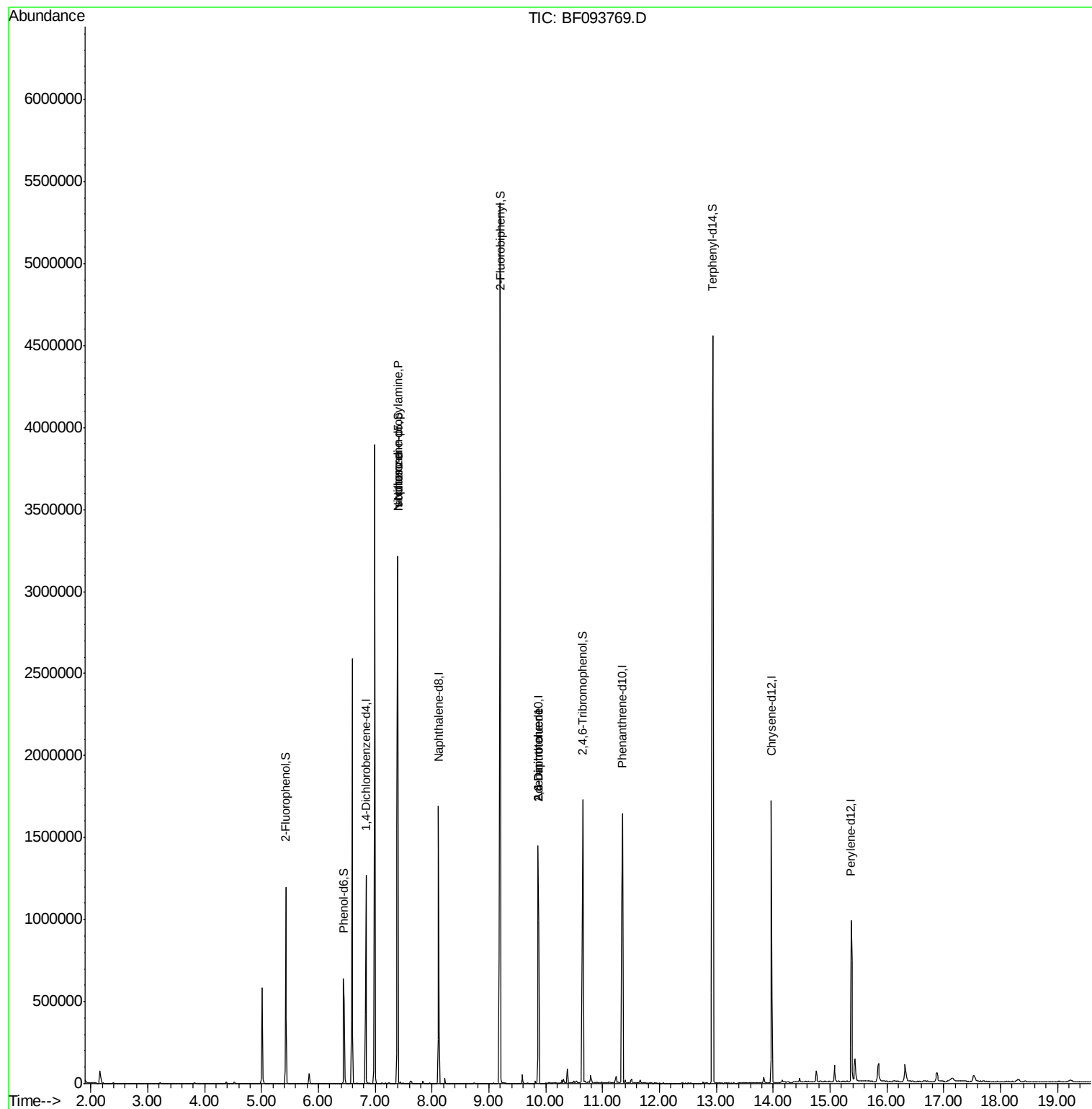
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	199451	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	789614	20.00	ng	-0.02
38) Acenaphthene-d10	9.86	164	380580	20.00	ng	-0.02
63) Phenanthrene-d10	11.35	188	755498	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	588942	20.00	ng	-0.03
86) Perylene-d12	15.37	264	492022	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	343708	30.13	ng	-0.01
7) Phenol-d6	6.45	99	288825	20.49	ng	-0.03
23) Nitrobenzene-d5	7.40	82	1182376	84.94	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	201031	68.20	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	2183143	96.46	ng	-0.01
78) Terphenyl-d14	12.94	244	1892534	65.52	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	159836	17.31	ng	# 80
25) Isophorone	7.40	82	1141052	46.27	ng	# 67
50) 2,6-Dinitrotoluene	9.86	165	48775	8.20	ng	# 34
56) 2,4-Dinitrotoluene	9.86	165	48777	6.46	ng	# 33

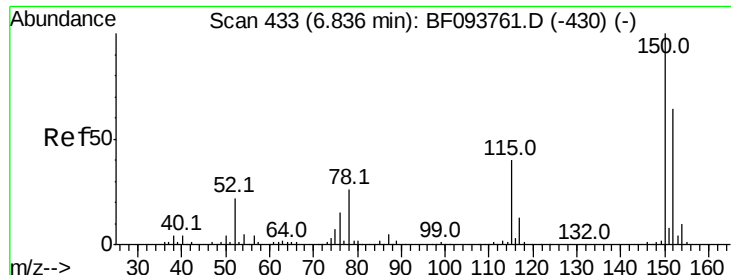
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF093769.D

Acq: 20 Mar 2017 17:35

Instrument :

BNA_F

ClientSampleId :

MW-105I

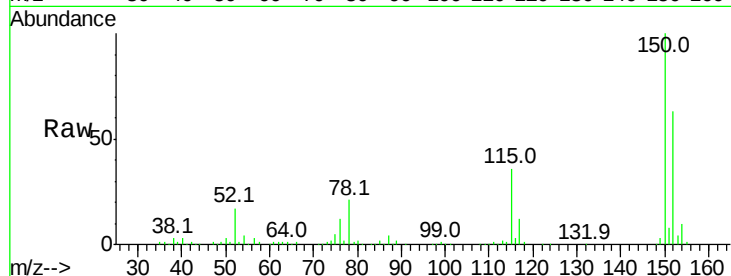
Tot Ion:152 Resp: 199451

Ion Ratio Lower Upper

152 100

150 158.9 126.2 189.2

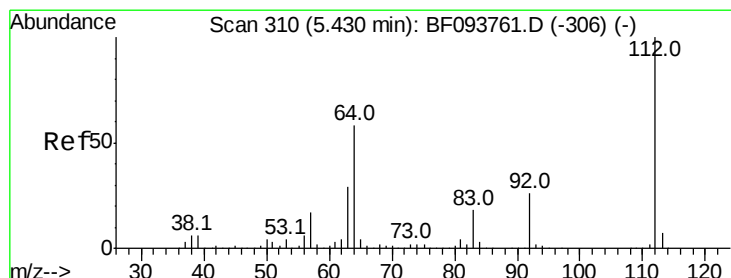
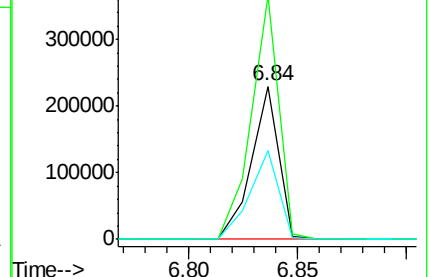
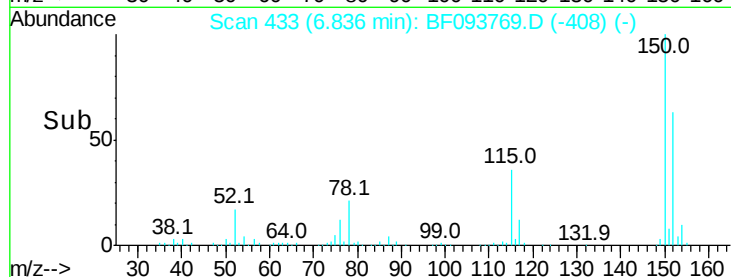
115 57.9 52.2 78.2



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: 30.13 ng

RT: 5.43 min Scan# 310

Delta R.T. -0.01 min

Lab File: BF093769.D

Acq: 20 Mar 2017 17:35

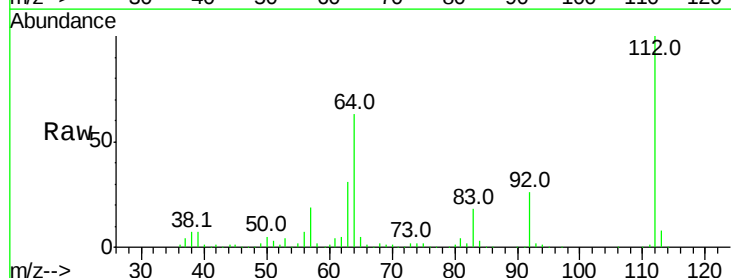
Tgt Ion:112 Resp: 343708

Ion Ratio Lower Upper

112 100

64 63.0 46.0 69.0

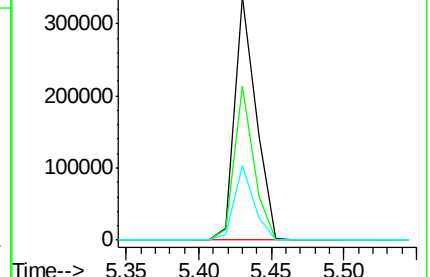
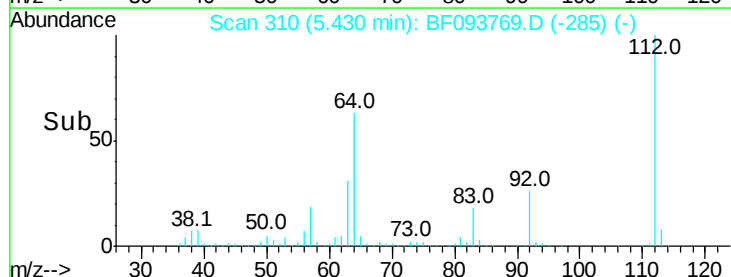
63 30.5 23.4 35.0

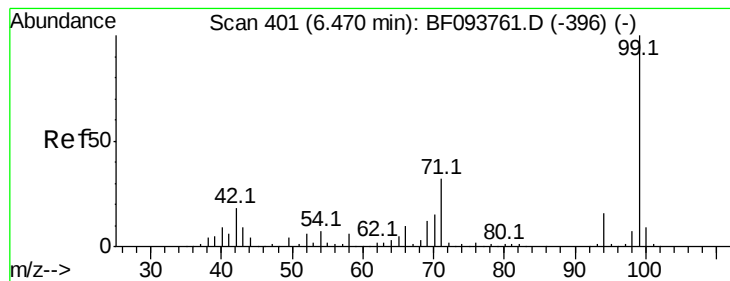


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 20.49 ng

RT: 6.45 min Scan# 399

Delta R.T. -0.03 min

Lab File: BF093769.D

Acq: 20 Mar 2017 17:35

Instrument :

BNA_F

ClientSampleId :

MW-105I

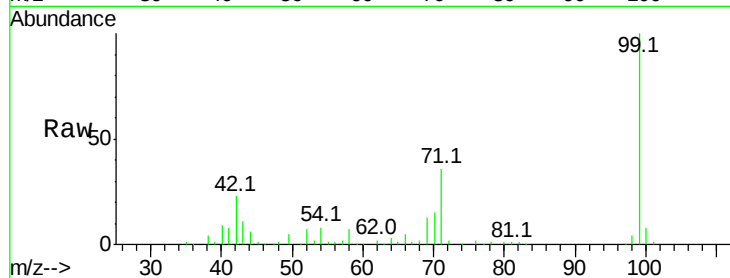
Tot Ion: 99 Resp: 288825

Ion Ratio Lower Upper

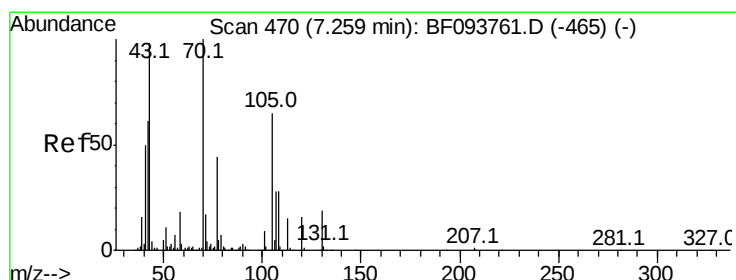
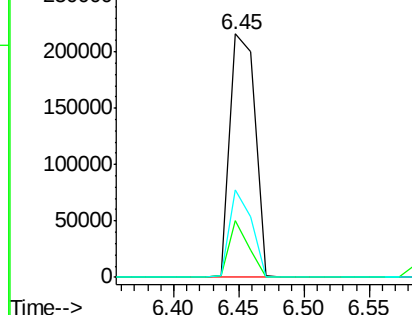
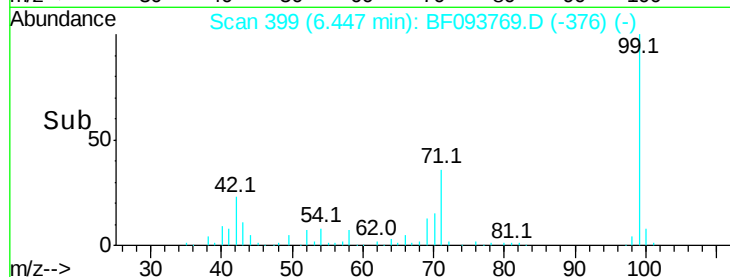
99 100

42 23.1 13.5 20.3#

71 36.1 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



#19

n-Nitroso-di-n-propylamine

Concen: 17.31 ng

RT: 7.40 min Scan# 482

Delta R.T. 0.13 min

Lab File: BF093769.D

Acq: 20 Mar 2017 17:35

Tgt Ion: 70 Resp: 159836

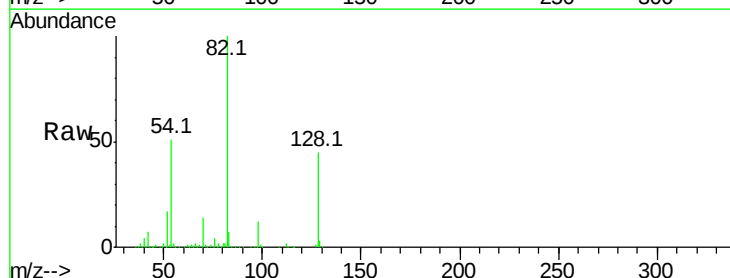
Ion Ratio Lower Upper

70 100

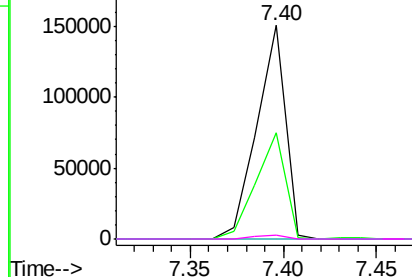
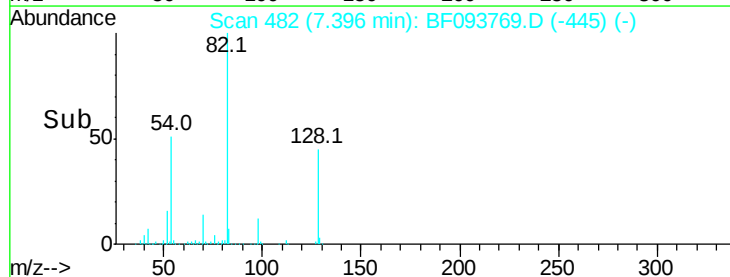
42 49.7 47.2 70.8

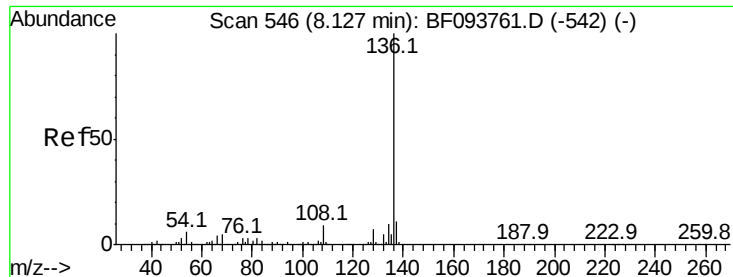
101 0.0 7.2 10.8#

130 2.0 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

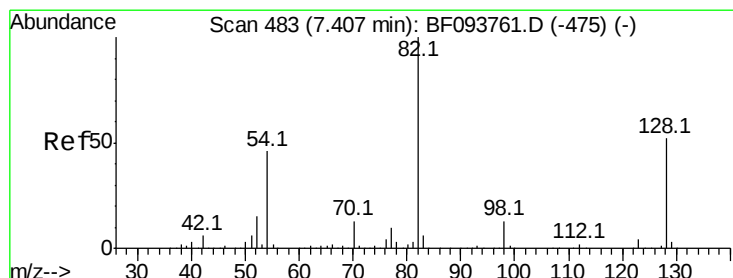
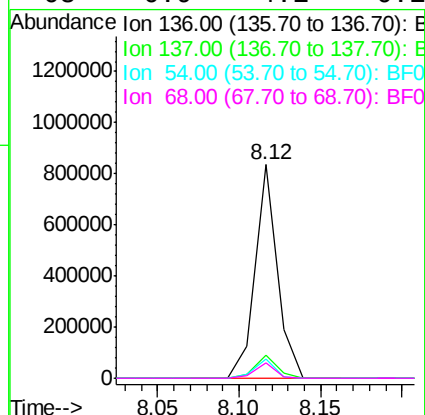
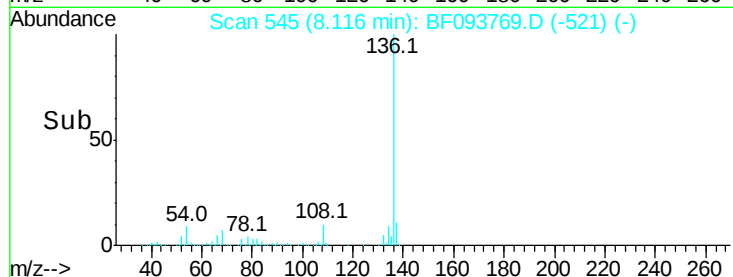
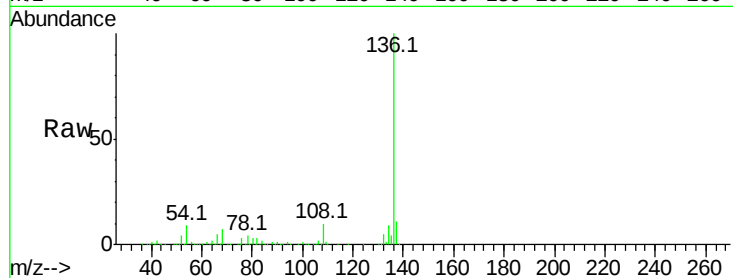




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 545
Delta R.T. -0.02 min
Lab File: BF093769.D
Acq: 20 Mar 2017 17:35

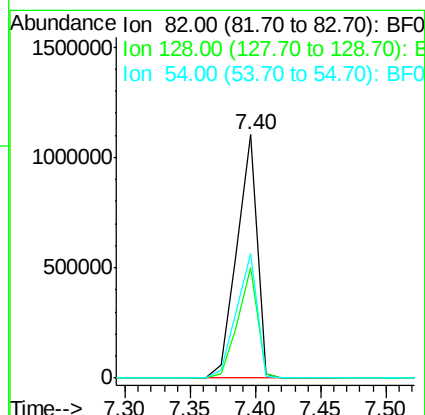
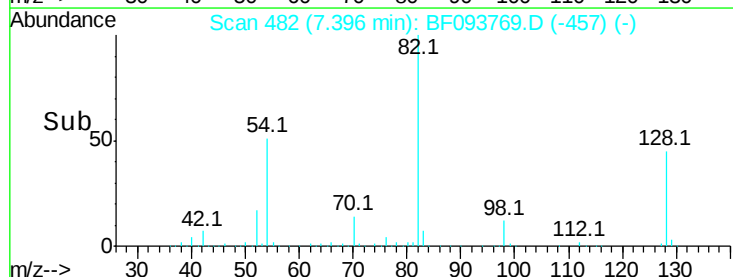
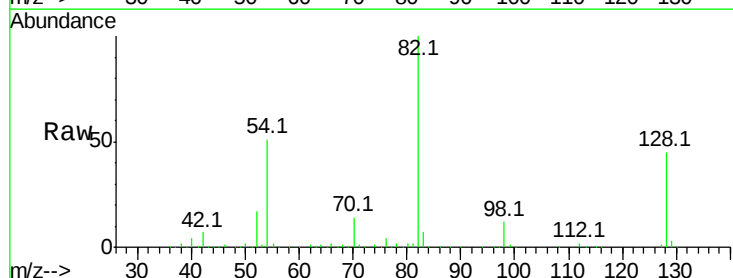
Instrument :
BNA_F
ClientSampleId :
MW-105I

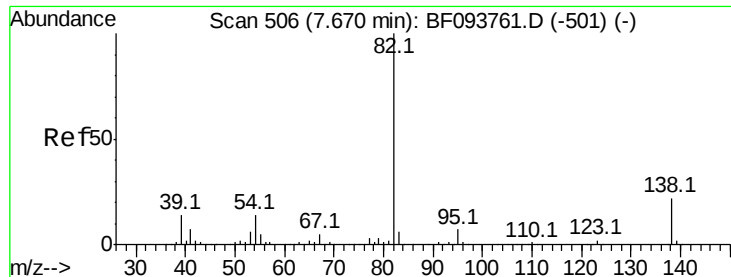
Tot Ion:136	Resp:	789614
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.5 12.7
54	8.8	4.9 7.3#
68	6.9	4.1 6.1#



#23
Nitrobenzene-d5
Concen: 84.94 ng
RT: 7.40 min Scan# 482
Delta R.T. -0.01 min
Lab File: BF093769.D
Acq: 20 Mar 2017 17:35

Tgt Ion: 82	Resp: 1182376
Ion Ratio	Lower Upper
82 100	
128 45.2	34.0 51.0
54 51.0	42.2 63.2





#25

Isophorone

Concen: 46.27 ng

RT: 7.40 min Scan# 482

Delta R.T. -0.27 min

Lab File: BF093769.D

Acq: 20 Mar 2017 17:35

Instrument :

BNA_F

ClientSampleId :

MW-105I

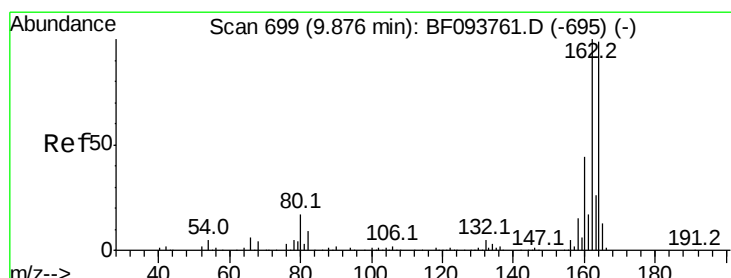
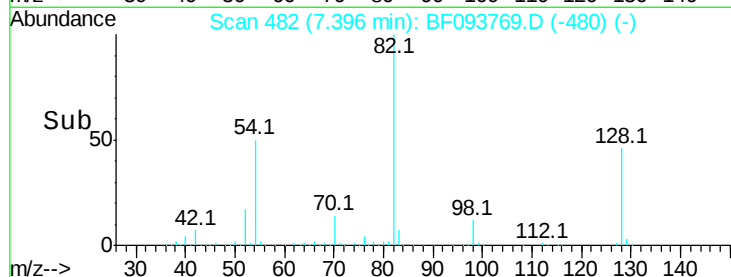
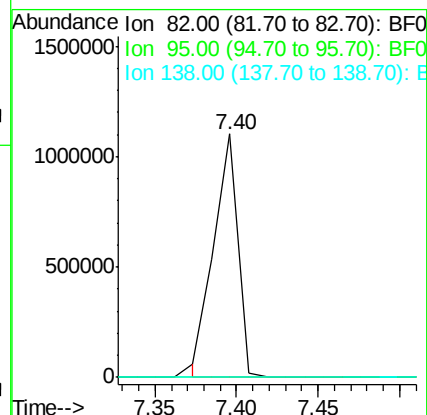
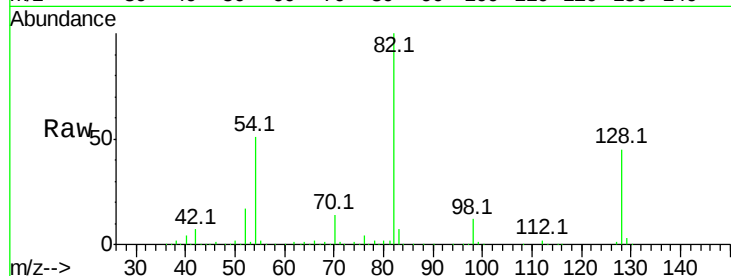
Tot Ion: 82 Resp: 1141052

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 698

Delta R.T. -0.02 min

Lab File: BF093769.D

Acq: 20 Mar 2017 17:35

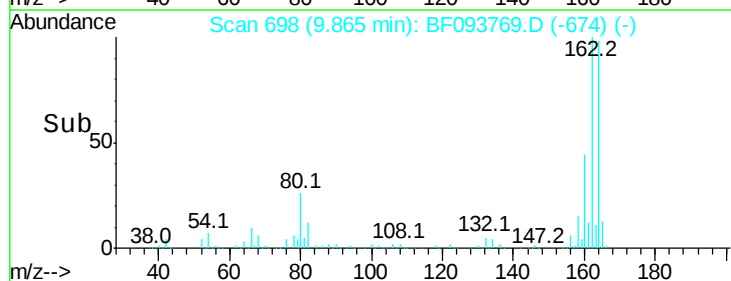
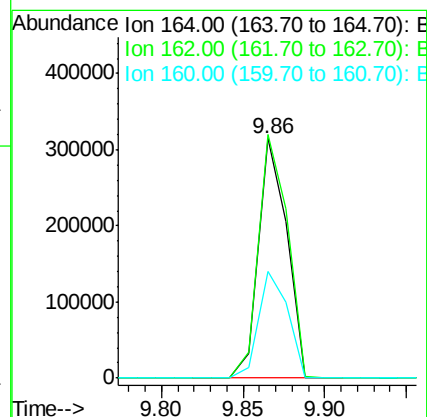
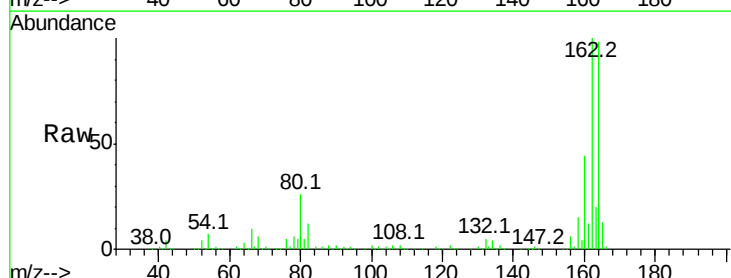
Tgt Ion:164 Resp: 380580

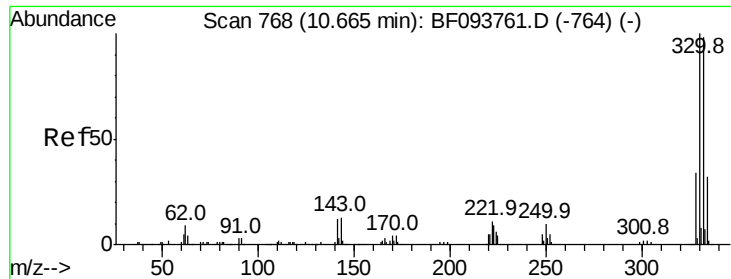
Ion Ratio Lower Upper

164 100

162 101.6 82.6 123.8

160 44.6 36.2 54.2

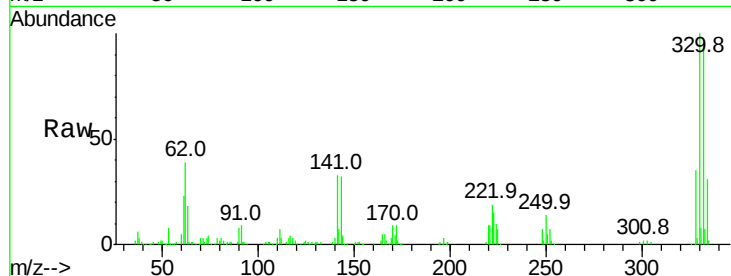




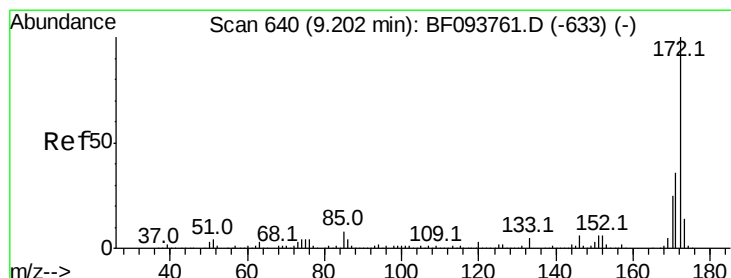
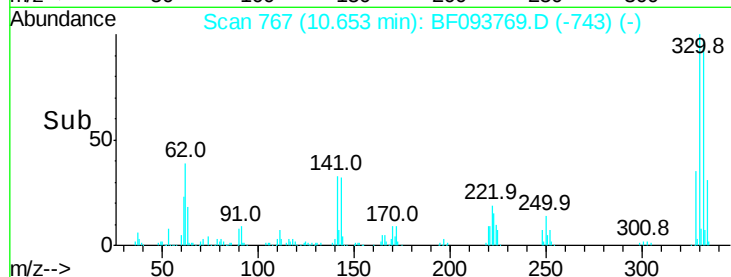
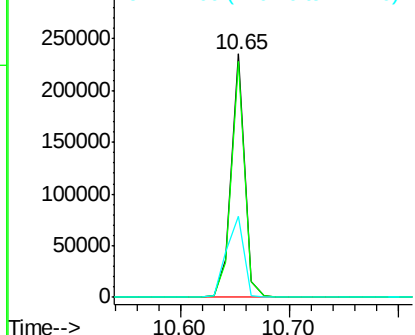
#41
 2,4,6-Tribromophenol
 Concen: 68.20 ng
 RT: 10.65 min Scan# 767
 Delta R.T. -0.02 min
 Lab File: BF093769.D
 Acq: 20 Mar 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :
 MW-105I

Tot Ion:330 Resp: 201031
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 115.0
 141 43.6 31.4 47.2

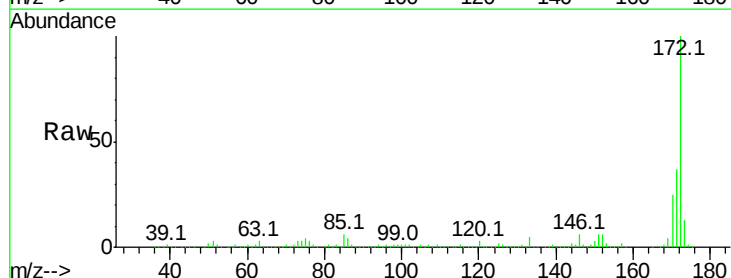


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

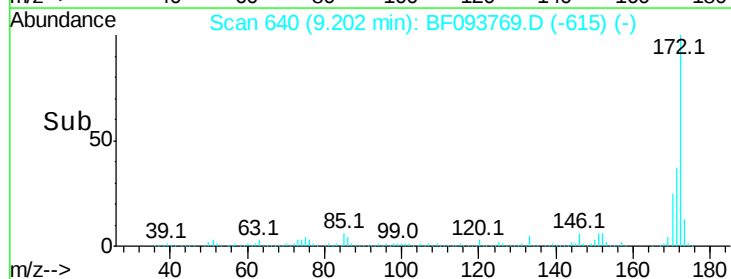
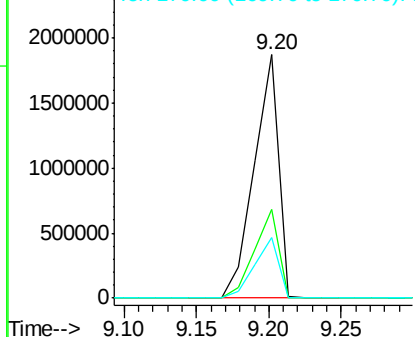


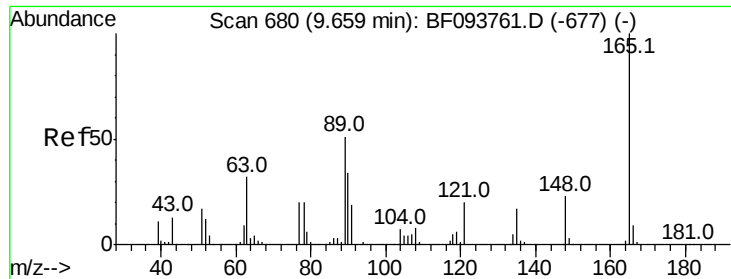
#44
 2-Fluorobiphenyl
 Concen: 96.46 ng
 RT: 9.20 min Scan# 640
 Delta R.T. -0.01 min
 Lab File: BF093769.D
 Acq: 20 Mar 2017 17:35

Tgt Ion:172 Resp: 2183143
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 24.7 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





#50

2,6-Dinitrotoluene

Concen: 8.20 ng

RT: 9.86 min Scan# 698

Delta R.T. 0.19 min

Lab File: BF093769.D

Acq: 20 Mar 2017 17:35

Instrument :

BNA_F

ClientSampled :

MW-105I

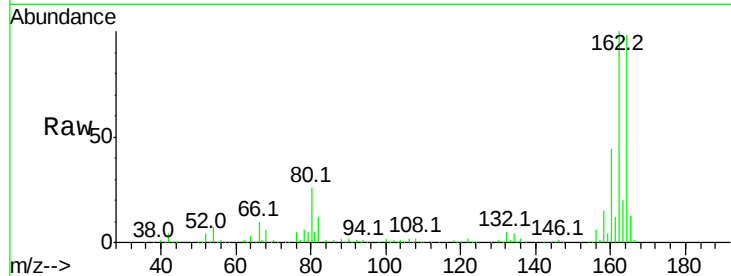
Tot Ion:165 Resp: 48775

Ion Ratio Lower Upper

165 100

63 1.4 34.3 51.5#

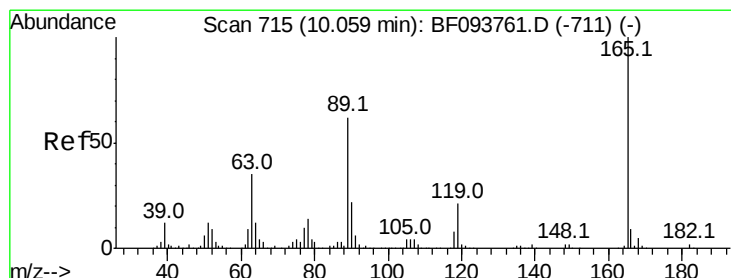
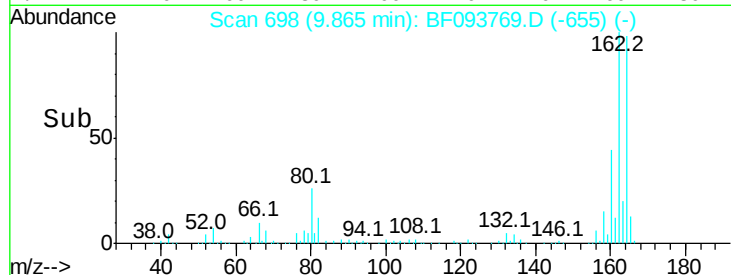
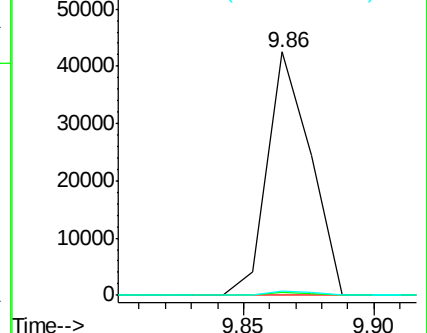
89 1.6 37.1 55.7#



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



#56

2,4-Dinitrotoluene

Concen: 6.46 ng

RT: 9.86 min Scan# 698

Delta R.T. -0.21 min

Lab File: BF093769.D

Acq: 20 Mar 2017 17:35

Tgt Ion:165 Resp: 48777

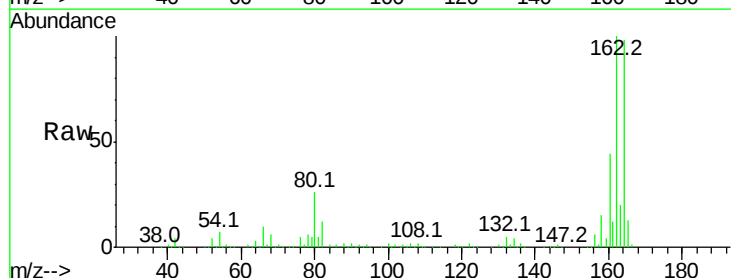
Ion Ratio Lower Upper

165 100

63 1.4 25.4 38.0#

89 1.6 46.4 69.6#

182 0.0 1.8 2.6#

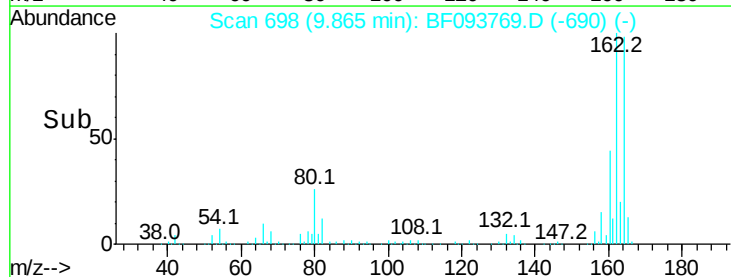
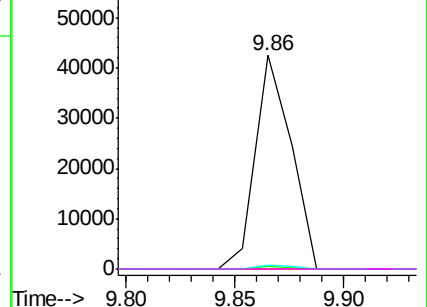


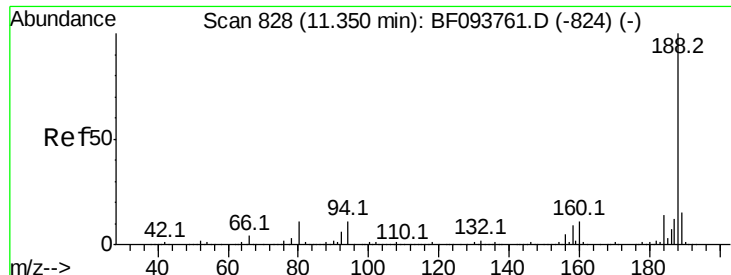
Abundance Ion 165.00 (164.70 to 165.70): E

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

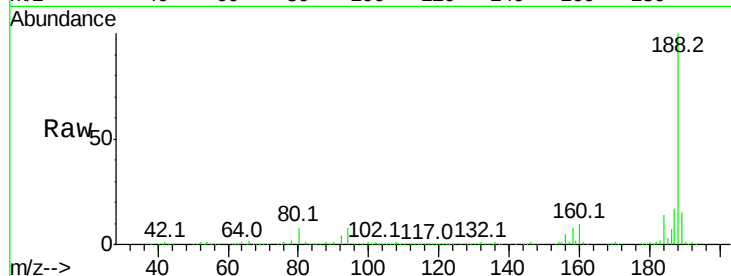




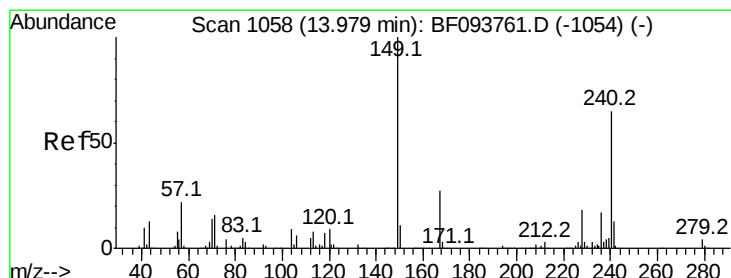
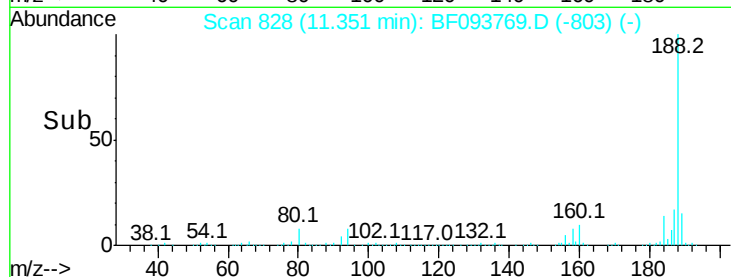
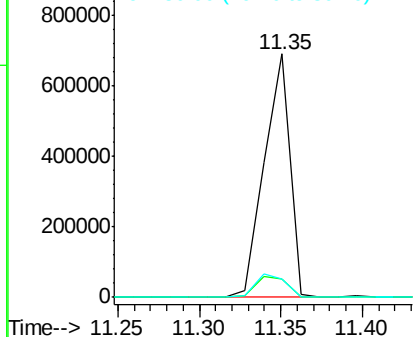
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF093769.D
Acq: 20 Mar 2017 17:35

Instrument :
BNA_F
ClientSampleId :
MW-105I

Tot Ion:188 Resp: 755498
Ion Ratio Lower Upper
188 100
94 7.5 9.4 14.2#
80 7.7 10.2 15.2#

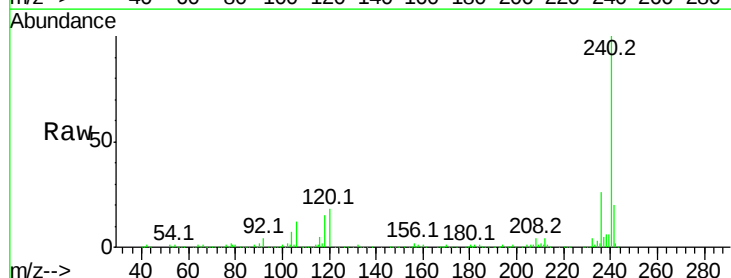


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

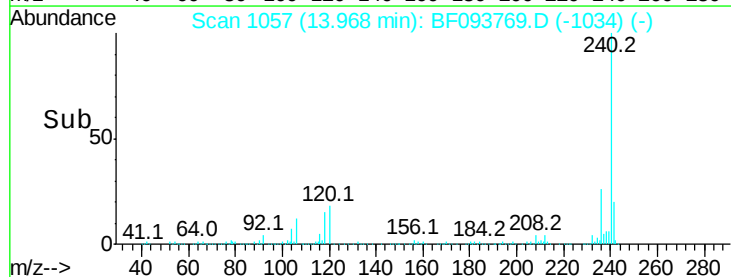
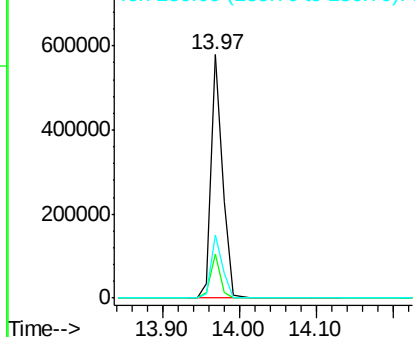


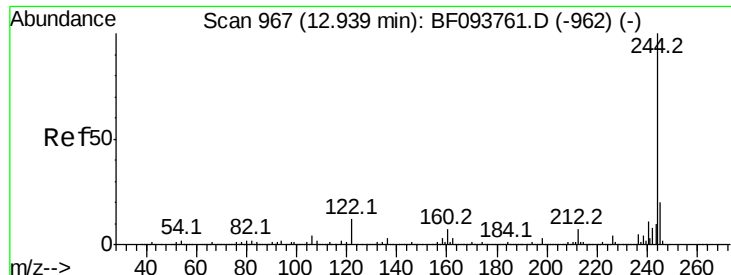
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1057
Delta R.T. -0.03 min
Lab File: BF093769.D
Acq: 20 Mar 2017 17:35

Tgt Ion:240 Resp: 588942
Ion Ratio Lower Upper
240 100
120 18.0 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: 65.52 ng

RT: 12.94 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF093769.D

Acq: 20 Mar 2017 17:35

Instrument :

BNA_F

ClientSampleId :

MW-105I

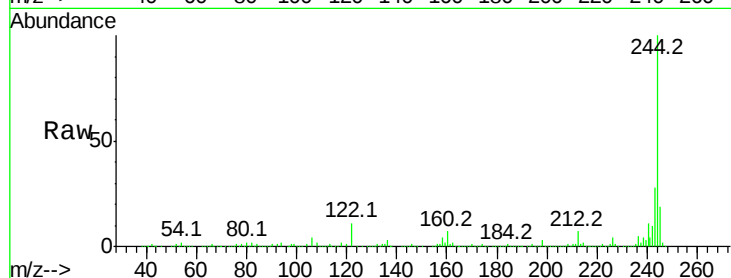
Tot Ion:244 Resp: 1892534

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

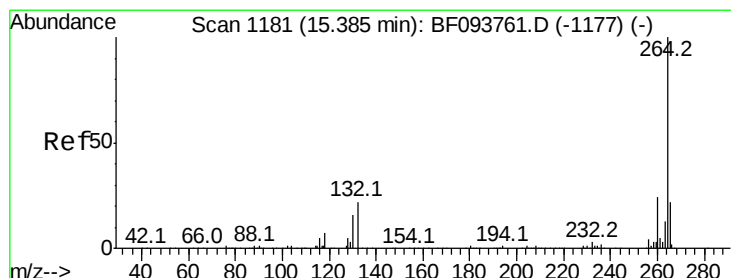
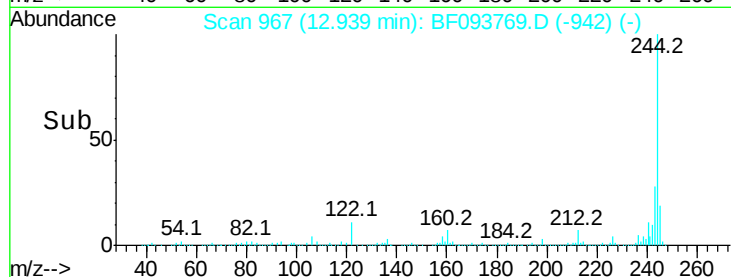
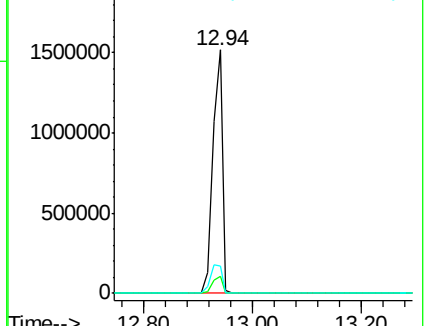
122 11.2 10.3 15.5



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: 15.37 min Scan# 1180

Delta R.T. -0.03 min

Lab File: BF093769.D

Acq: 20 Mar 2017 17:35

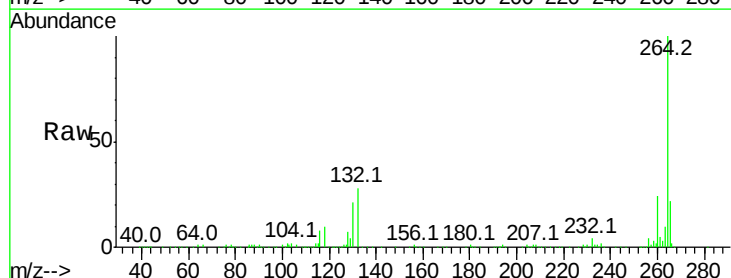
Tgt Ion:264 Resp: 492022

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 22.0 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

