

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
 Data File : BF093960.D
 Acq On : 27 Mar 2017 23:41
 Operator : SJ/MA
 Sample : I2409-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Quant Time: Mar 28 00:25:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

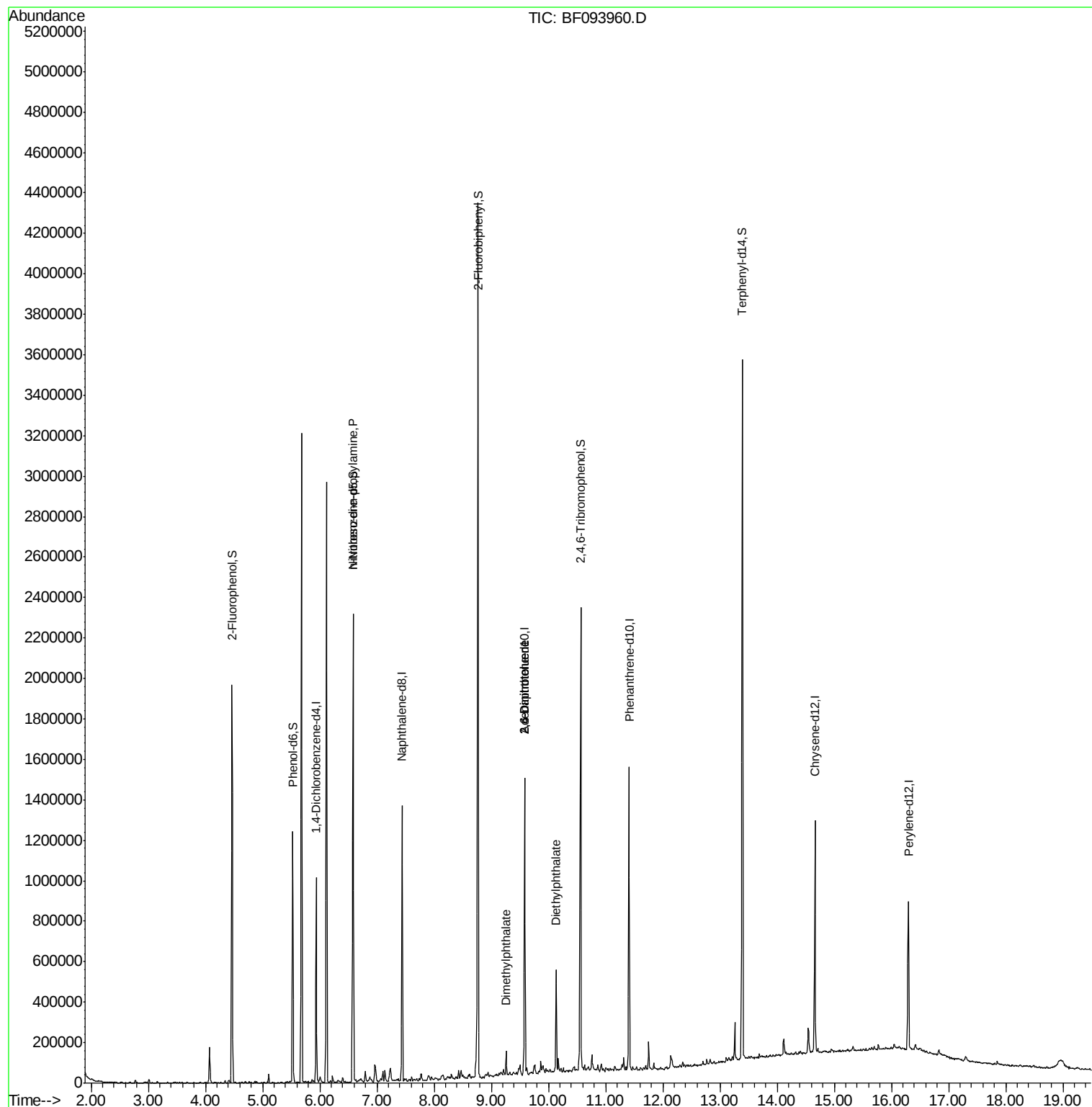
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.93	152	165869	20.00	ng	-0.02
21) Naphthalene-d8	7.44	136	684155	20.00	ng	-0.02
38) Acenaphthene-d10	9.59	164	321928	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	566166	20.00	ng	-0.01
75) Chrysene-d12	14.66	240	443928	20.00	ng	-0.02
86) Perylene-d12	16.30	264	312495	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.46	112	542709	55.26	ng	-0.01
7) Phenol-d6	5.53	99	426788	35.13	ng	-0.02
23) Nitrobenzene-d5	6.59	82	898770	74.97	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	331507	130.31	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	1651029	78.22	ng	-0.01
78) Terphenyl-d14	13.39	244	1415326	71.46	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.59	70	118195	15.14	ng	# 78
49) Dimethylphthalate	9.26	163	59234	2.59	ng	98
50) 2,6-Dinitrotoluene	9.59	165	43113	8.22	ng	# 34
56) 2,4-Dinitrotoluene	9.59	165	43113	6.54	ng	# 33
59) Diethylphthalate	10.13	149	202910	8.97	ng	99

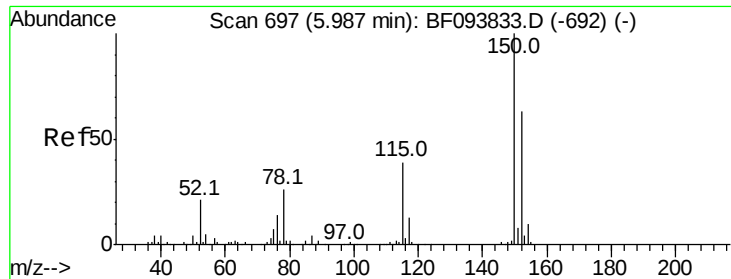
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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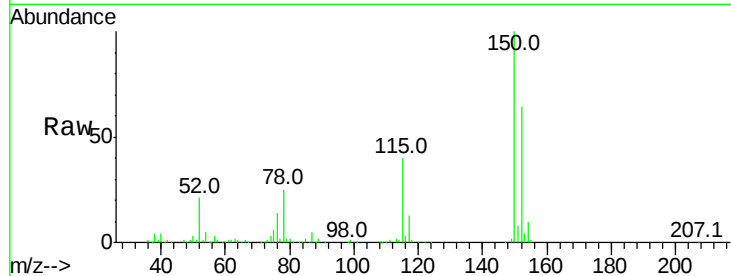


#1

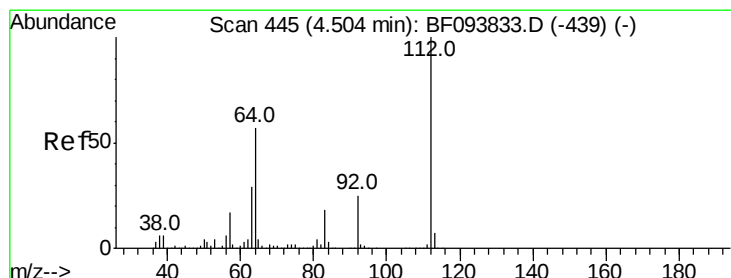
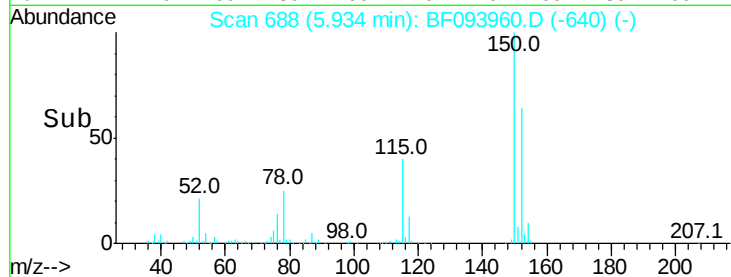
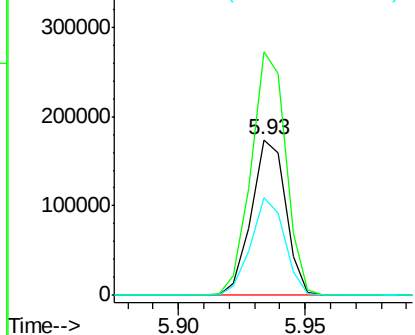
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.93 min Scan# 688
Delta R.T. -0.02 min
Lab File: BF093960.D
Acq: 27 Mar 2017 23:41

Instrument :
BNA_F
ClientSampleId :
MW-5

Tot Ion:152 Resp: 165869
Ion Ratio Lower Upper
152 100
150 156.3 126.2 189.2
115 62.9 52.2 78.2



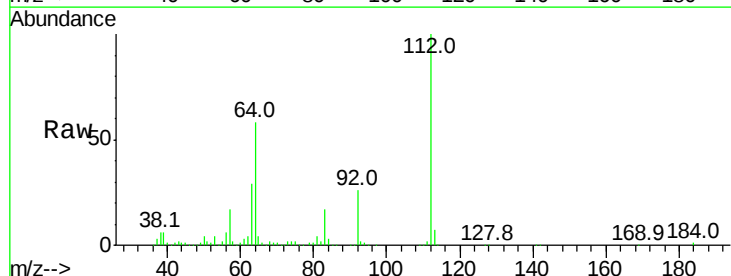
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



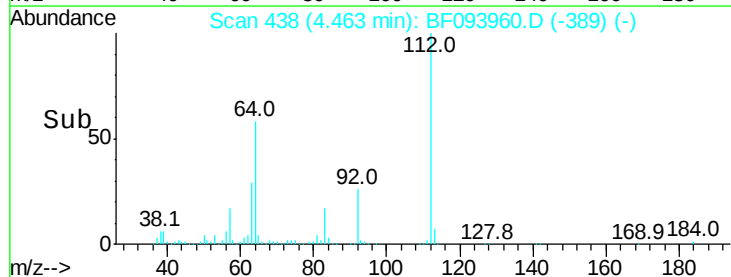
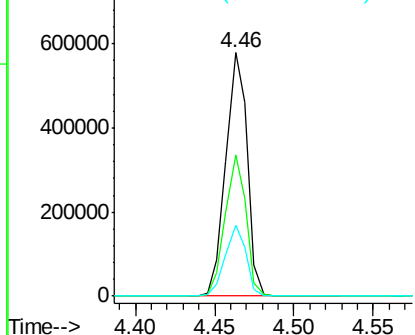
#5

2-Fluorophenol
Concen: 55.26 ng
RT: 4.46 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF093960.D
Acq: 27 Mar 2017 23:41

Tgt Ion:112 Resp: 542709
Ion Ratio Lower Upper
112 100
64 58.1 46.0 69.0
63 29.1 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: 35.13 ng

RT: 5.53 min Scan# 619

Delta R.T. -0.02 min

Lab File: BF093960.D

Acq: 27 Mar 2017 23:41

Instrument :

BNA_F

ClientSampleId :

MW-5

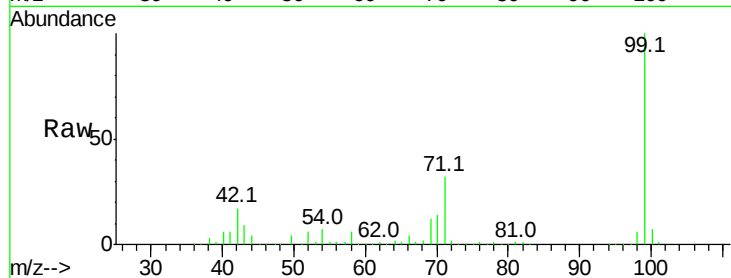
Tot Ion: 99 Resp: 426788

Ion Ratio Lower Upper

99 100

42 16.6 13.5 20.3

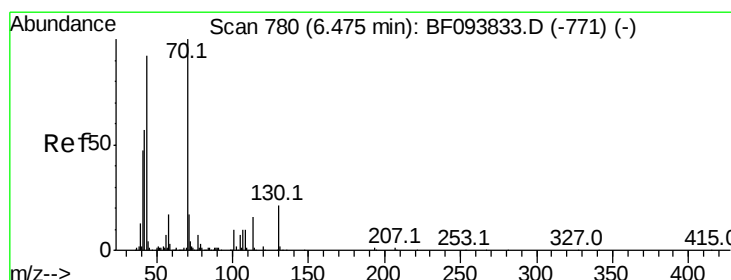
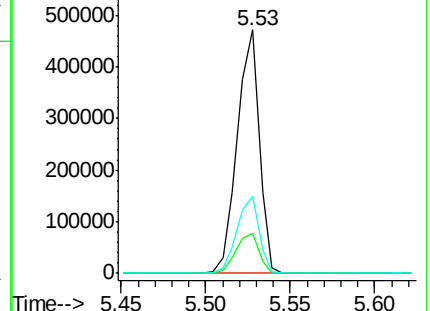
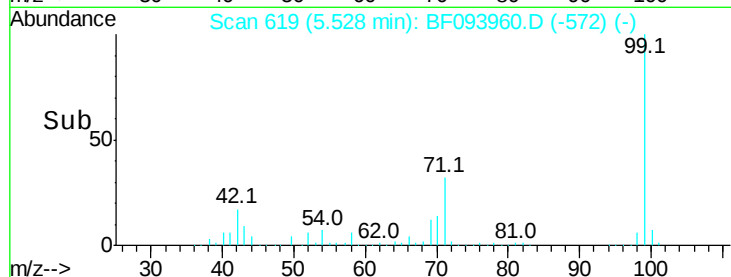
71 31.5 24.5 36.7



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: 15.14 ng

RT: 6.59 min Scan# 799

Delta R.T. 0.15 min

Lab File: BF093960.D

Acq: 27 Mar 2017 23:41

Tgt Ion: 70 Resp: 118195

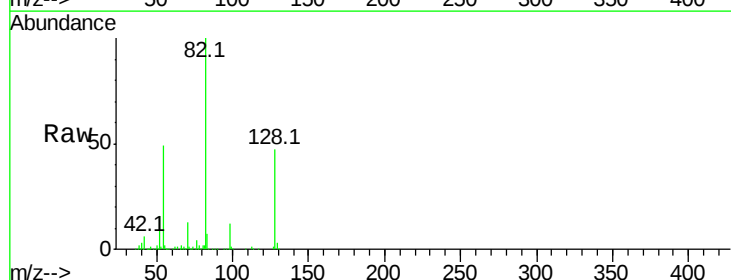
Ion Ratio Lower Upper

70 100

42 47.3 47.2 70.8

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

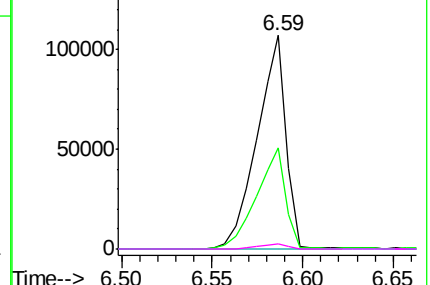
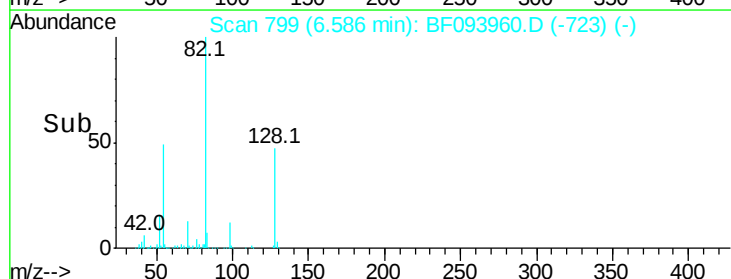


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.44 min Scan# 944

Delta R.T. -0.02 min

Lab File: BF093960.D

Acq: 27 Mar 2017 23:41

Instrument :

BNA_F

ClientSampleId :

MW-5

Tot Ion:136 Resp: 684155

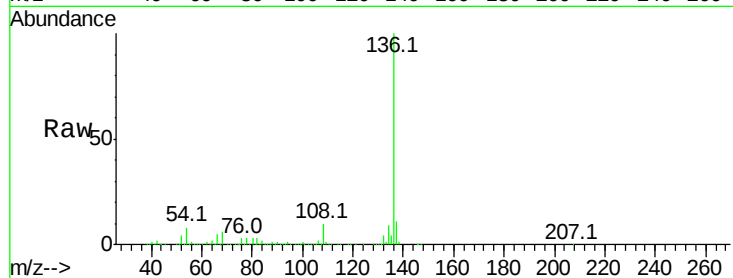
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.8 4.9 7.3#

68 5.9 4.1 6.1

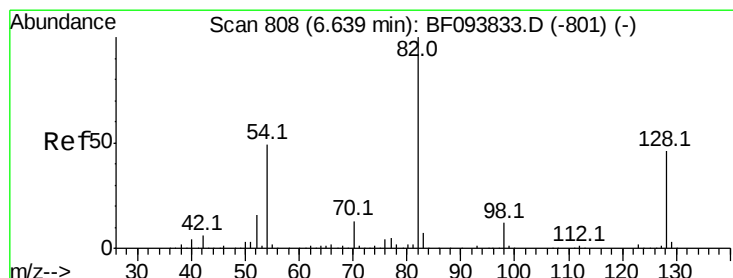
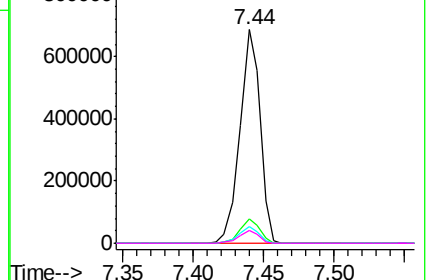
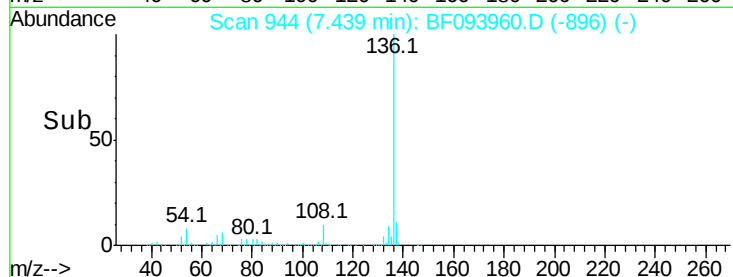


Abundance Ion 136.00 (135.70 to 136.70): E

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: 74.97 ng

RT: 6.59 min Scan# 799

Delta R.T. -0.02 min

Lab File: BF093960.D

Acq: 27 Mar 2017 23:41

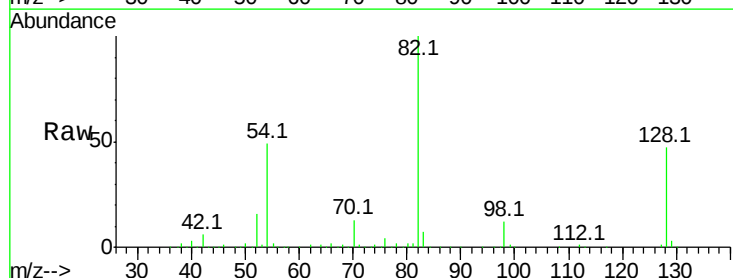
Tgt Ion: 82 Resp: 898770

Ion Ratio Lower Upper

82 100

128 47.3 34.0 51.0

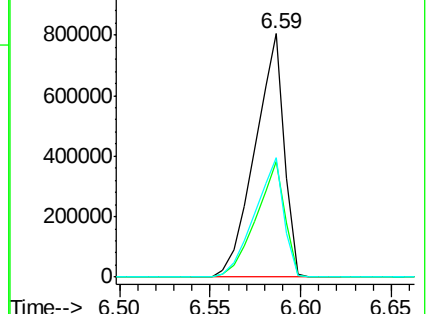
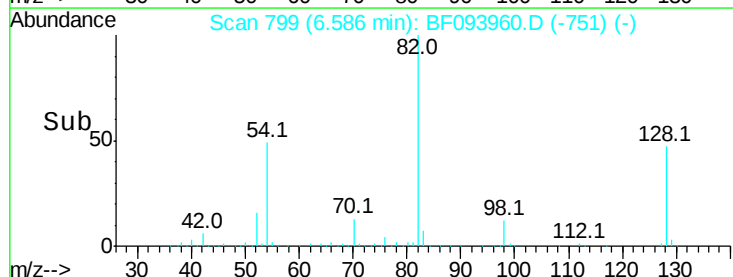
54 48.9 42.2 63.2

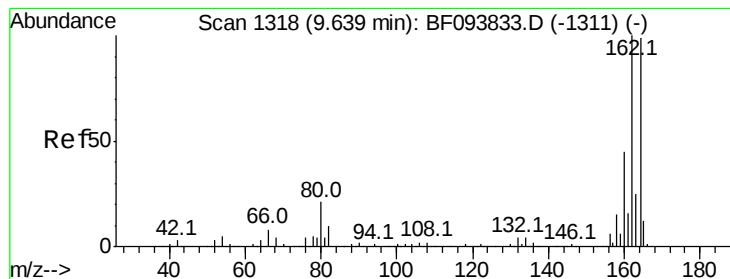


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.59 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF093960.D

Acq: 27 Mar 2017 23:41

Instrument :

BNA_F

ClientSampleId :

MW-5

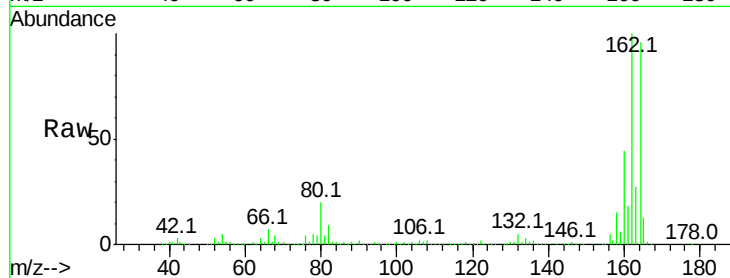
Tot Ion:164 Resp: 321928

Ion Ratio Lower Upper

164 100

162 104.6 82.6 123.8

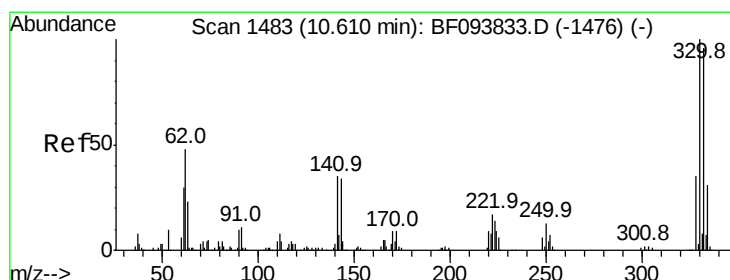
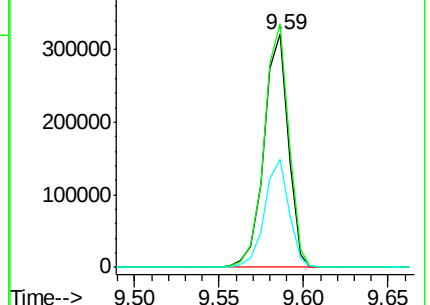
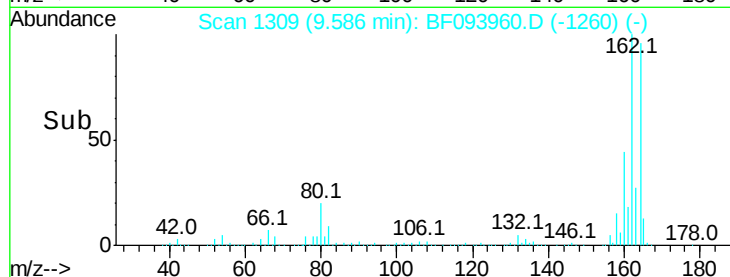
160 46.2 36.2 54.2



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: 130.31 ng

RT: 10.56 min Scan# 1475

Delta R.T. -0.01 min

Lab File: BF093960.D

Acq: 27 Mar 2017 23:41

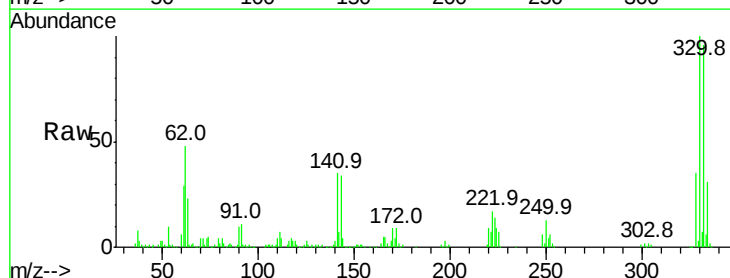
Tgt Ion:330 Resp: 331507

Ion Ratio Lower Upper

330 100

332 95.1 76.6 115.0

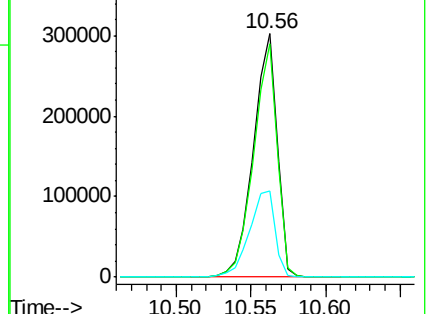
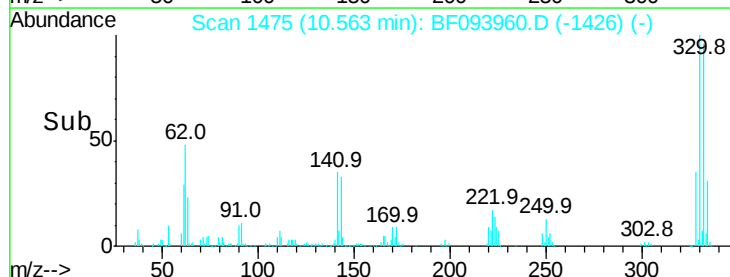
141 37.9 31.4 47.2



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



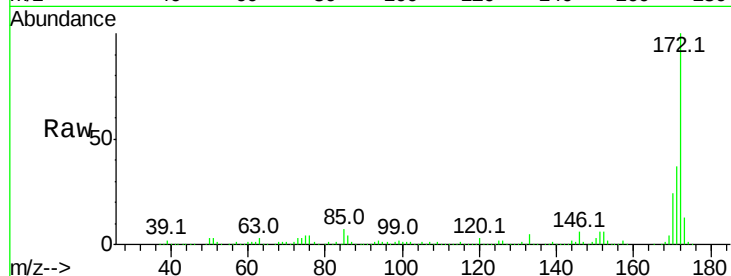


#44
 2-Fluorobiphenyl
 Concen: 78.22 ng
 RT: 8.77 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF093960.D
 Acq: 27 Mar 2017 23:41

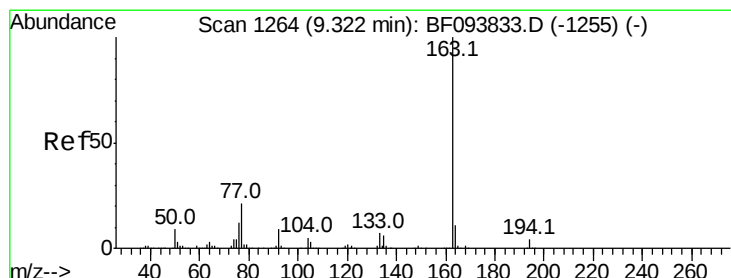
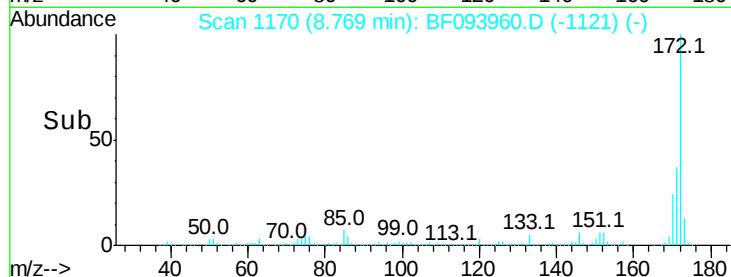
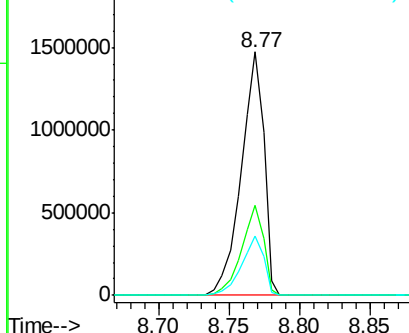
Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Tot Ion:172 Resp: 1651029

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.6	44.4
170	24.5	19.8	29.8



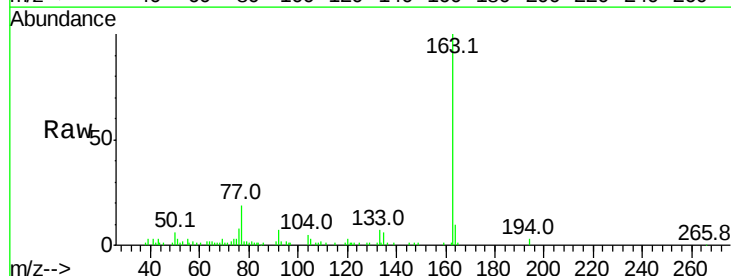
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



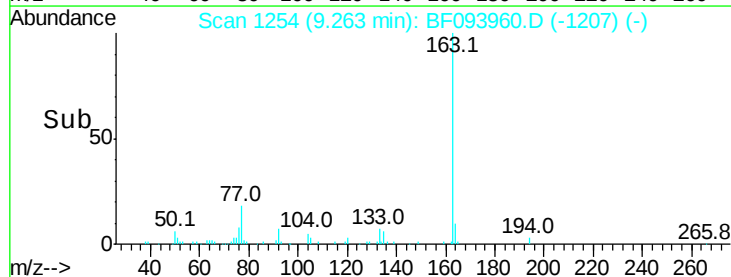
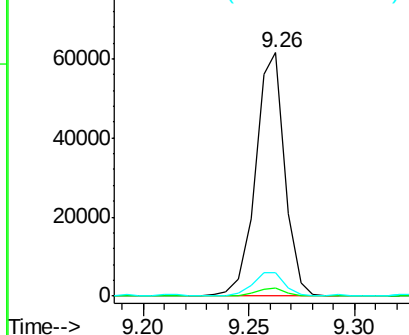
#49
 Dimethylphthalate
 Concen: 2.59 ng
 RT: 9.26 min Scan# 1254
 Delta R.T. -0.02 min
 Lab File: BF093960.D
 Acq: 27 Mar 2017 23:41

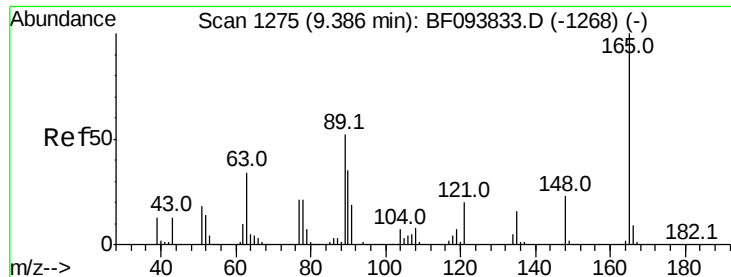
Tgt Ion:163 Resp: 59234

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	9.5	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





#50

2,6-Dinitrotoluene

Concen: 8.22 ng

RT: 9.59 min Scan# 1309

Delta R.T. 0.24 min

Lab File: BF093960.D

Acq: 27 Mar 2017 23:41

Instrument :

BNA_F

ClientSampleId :

MW-5

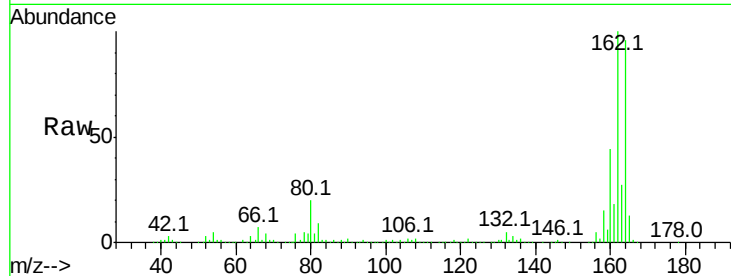
Tot Ion:165 Resp: 43113

Ion Ratio Lower Upper

165 100

63 1.8 34.3 51.5#

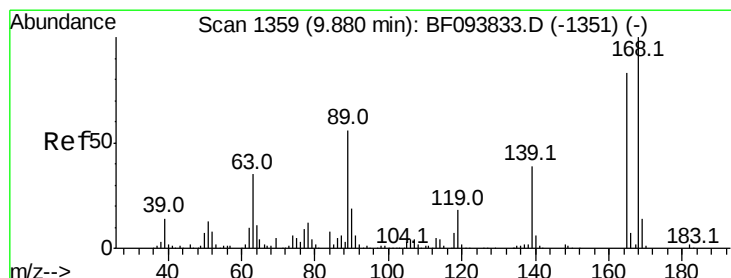
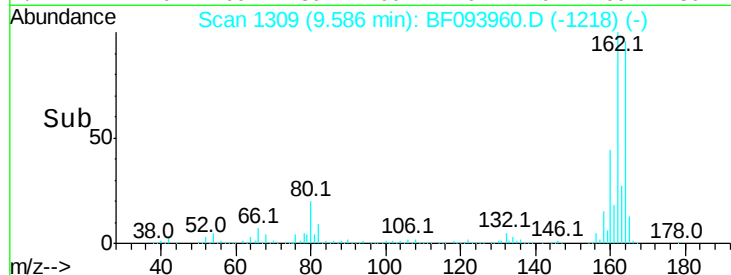
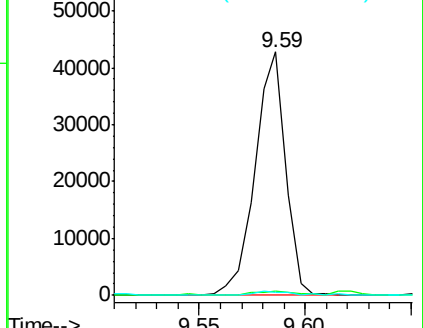
89 1.1 37.1 55.7#



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: 6.54 ng

RT: 9.59 min Scan# 1309

Delta R.T. -0.26 min

Lab File: BF093960.D

Acq: 27 Mar 2017 23:41

Tgt Ion:165 Resp: 43113

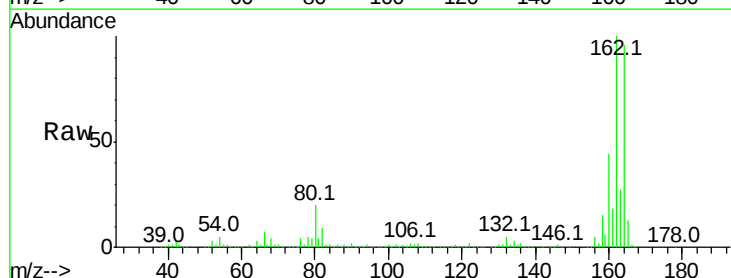
Ion Ratio Lower Upper

165 100

63 1.8 25.4 38.0#

89 1.1 46.4 69.6#

182 0.0 1.8 2.6#

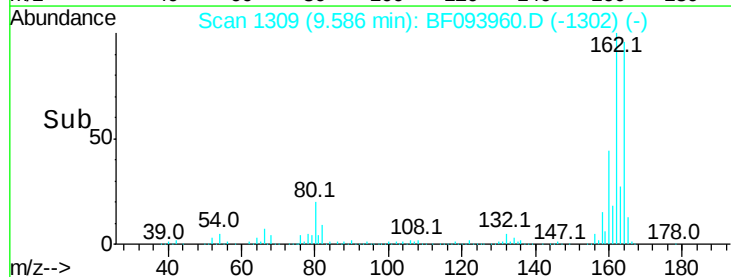
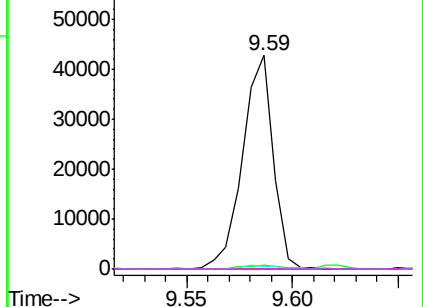


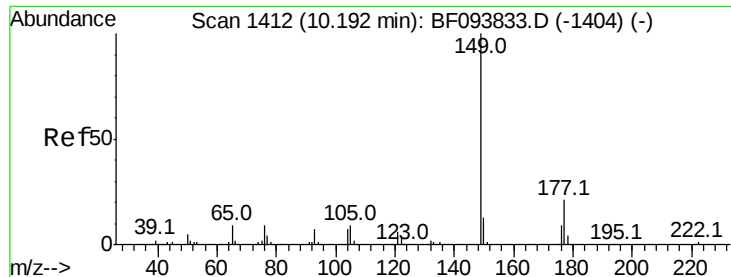
Abundance Ion 165.00 (164.70 to 165.70): E

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

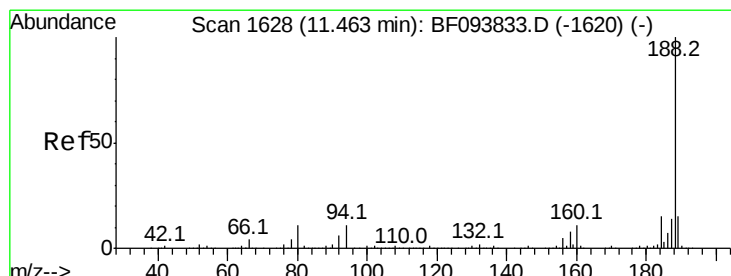
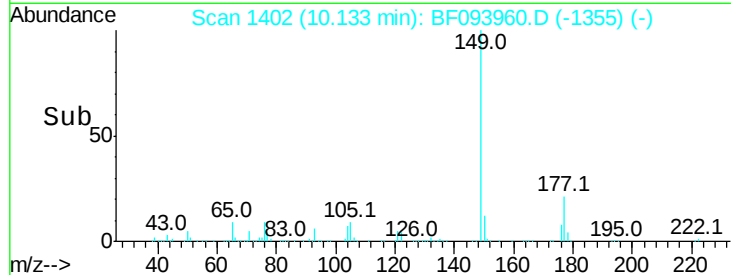
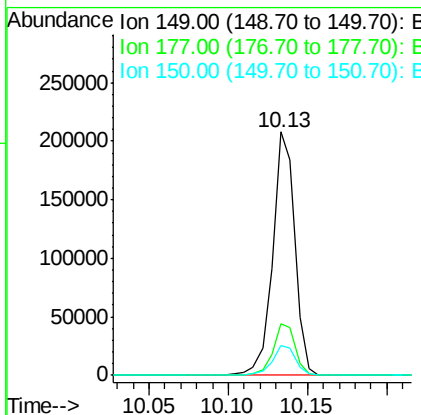
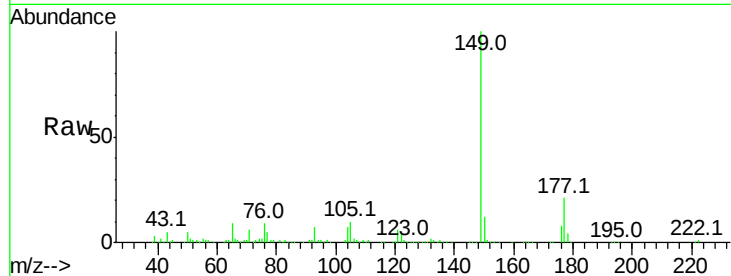




#59
 Diethylphthalate
 Concen: 8.97 ng
 RT: 10.13 min Scan# 1402
 Delta R.T. -0.02 min
 Lab File: BF093960.D
 Acq: 27 Mar 2017 23:41

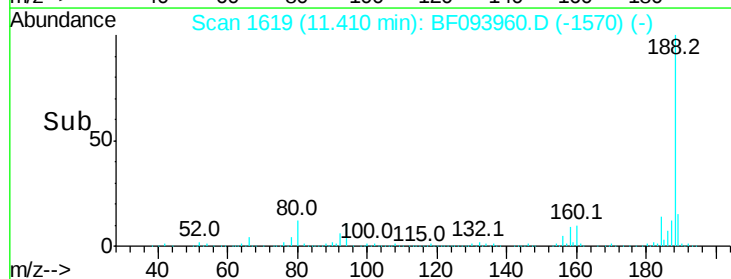
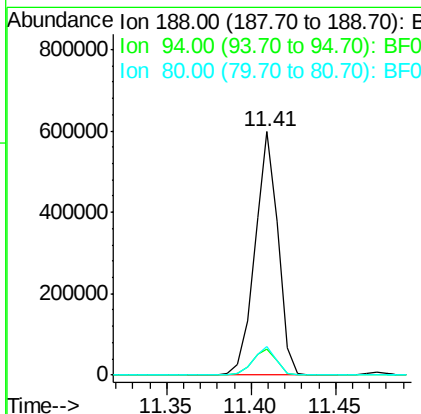
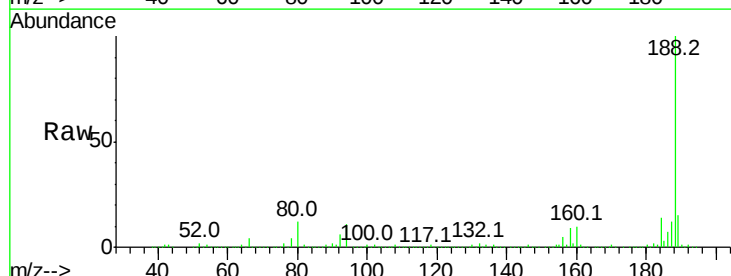
Instrument :
 BNA_F
 ClientSampled :
 MW-5

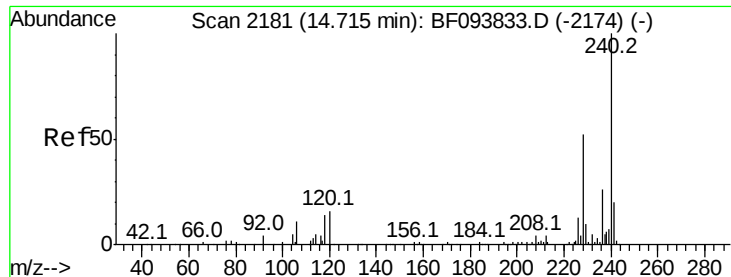
Tot Ion:149	Resp: 202910
Ion Ratio	Lower Upper
149 100	
177 21.2	16.7 25.1
150 12.2	10.2 15.2



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF093960.D
 Acq: 27 Mar 2017 23:41

Tgt Ion	188	Resp: Lower	566166 Upper
	Ratio		
188	100		
94	10.8	9.4	14.2
80	11.6	10.2	15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.66 min Scan# 2172

Delta R.T. -0.02 min

Lab File: BF093960.D

Acq: 27 Mar 2017 23:41

Instrument :

BNA_F

ClientSampleId :

MW-5

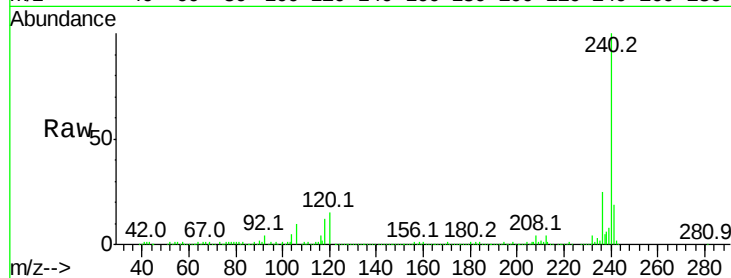
Tot Ion:240 Resp: 443928

Ion Ratio Lower Upper

240 100

120 14.7 5.8 8.8#

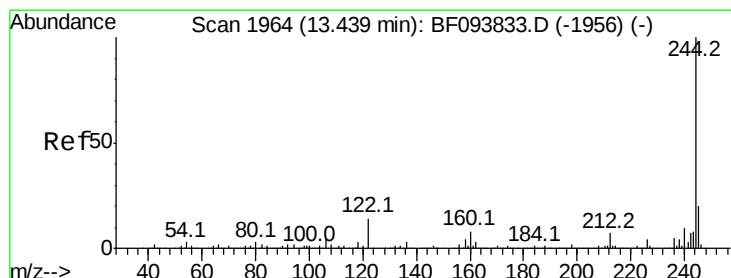
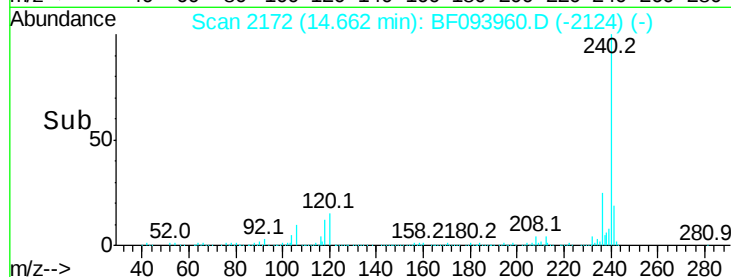
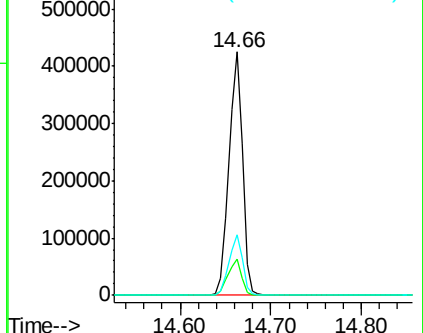
236 25.0 20.5 30.7



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: 71.46 ng

RT: 13.39 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BF093960.D

Acq: 27 Mar 2017 23:41

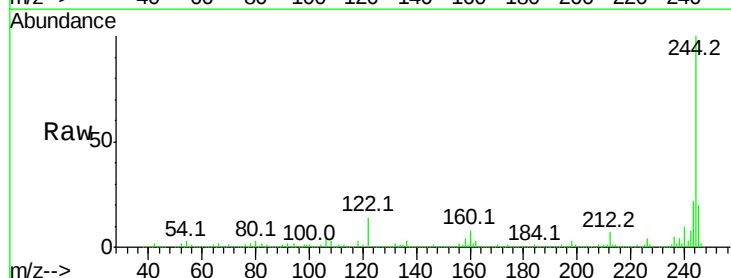
Tgt Ion:244 Resp: 1415326

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

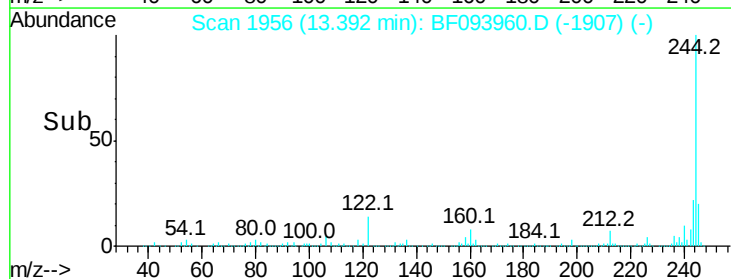
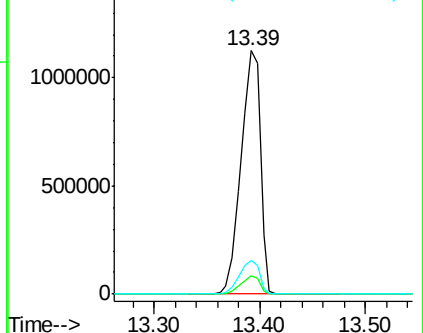
122 14.1 10.3 15.5

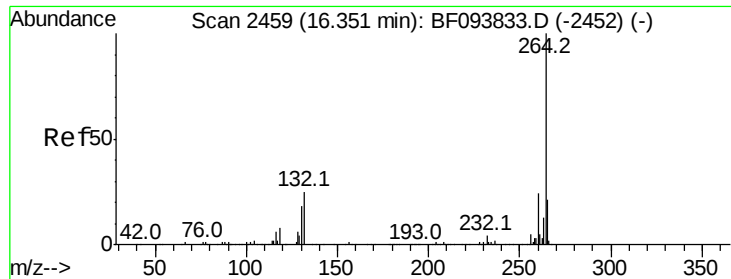


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

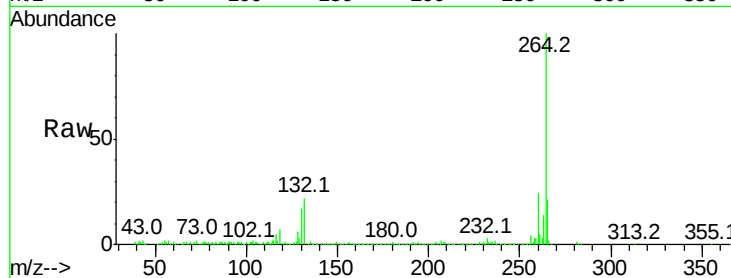




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.30 min Scan# 2450
Delta R.T. -0.01 min
Lab File: BF093960.D
Acq: 27 Mar 2017 23:41

Instrument :
BNA_F
ClientSampleId :
MW-5

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	20.8	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

