

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030217\
 Data File : BF093339.D
 Acq On : 2 Mar 2017 23:45
 Operator : SJ/MA
 Sample : I2054-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-10R

Quant Time: Mar 03 01:17:02 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

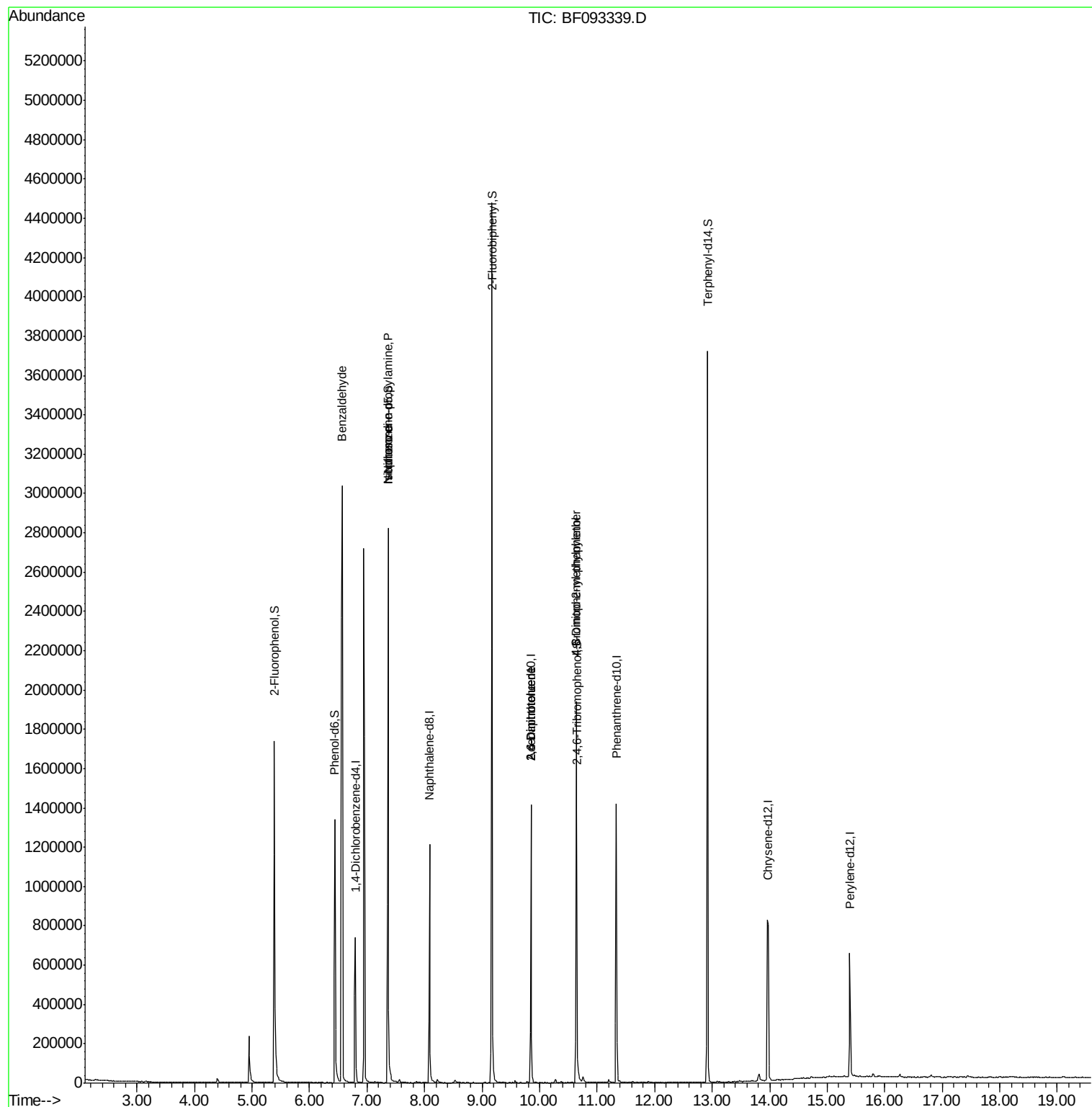
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	143544	20.00	ng	-0.06
21) Naphthalene-d8	8.09	136	588936	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	282373	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	534842	20.00	ng	-0.05
75) Chrysene-d12	13.97	240	434818	20.00	ng	-0.05
86) Perylene-d12	15.39	264	295166	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	697052	83.31	ng	-0.06
7) Phenol-d6	6.44	99	586179	54.45	ng	-0.05
23) Nitrobenzene-d5	7.37	82	1009938	95.50	ng	-0.06
41) 2,4,6-Tribromophenol	10.65	330	320179	156.77	ng	-0.03
44) 2-Fluorobiphenyl	9.17	172	1653656	106.10	ng	-0.05
78) Terphenyl-d14	12.92	244	1446284	78.15	ng	-0.05
Target Compounds						
9) Benzaldehyde	6.57	77	23432	3.04	ng	Qvalue 82
19) n-Nitroso-di-n-propylamine	7.37	70	135800	19.82	ng	# 82
25) Isophorone	7.37	82	793156	40.25	ng	# 65
50) 2,6-Dinitrotoluene	9.85	165	35713	8.69	ng	# 31
56) 2,4-Dinitrotoluene	9.85	165	35715	6.53	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.64	198	650	2.86	ng	# 1
66) 4-Bromophenyl-phenylether	10.64	248	21427	3.83	ng	# 1

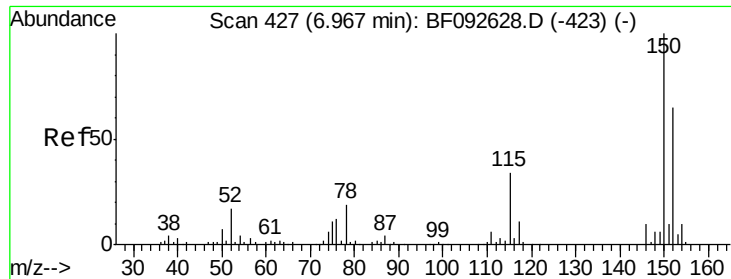
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030217\
Data File : BF093339.D
Acq On : 2 Mar 2017 23:45
Operator : SJ/MA
Sample : I2054-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-10R

Quant Time: Mar 03 01:17:02 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration



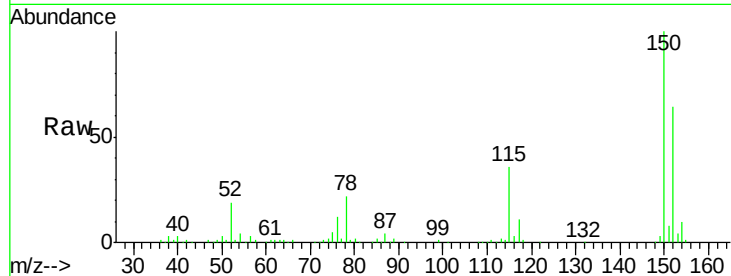


#1

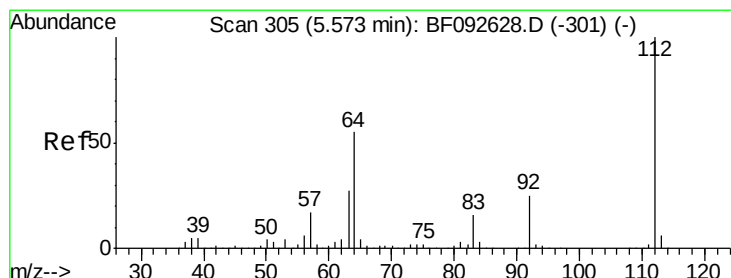
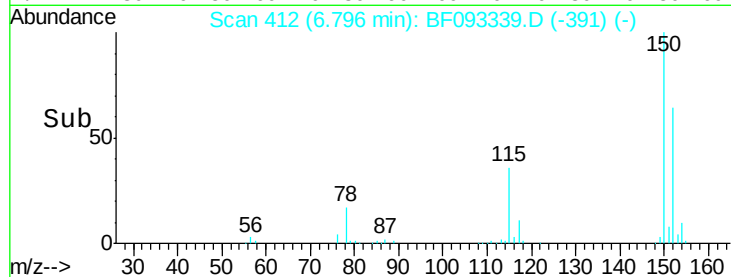
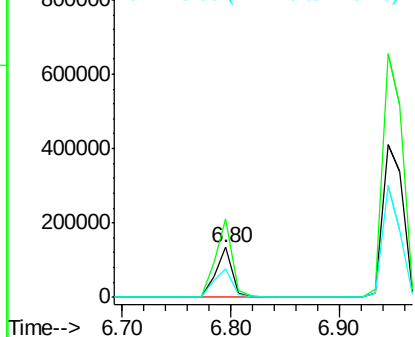
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 412
 Delta R.T. -0.06 min
 Lab File: BF093339.D
 Acq: 2 Mar 2017 23:45

Instrument :
 BNA_F
 ClientSampleId :
 MW-10R

Tgt Ion:152 Resp: 143544
 Ion Ratio Lower Upper
 152 100
 150 155.5 124.9 187.3
 115 55.8 46.0 69.0



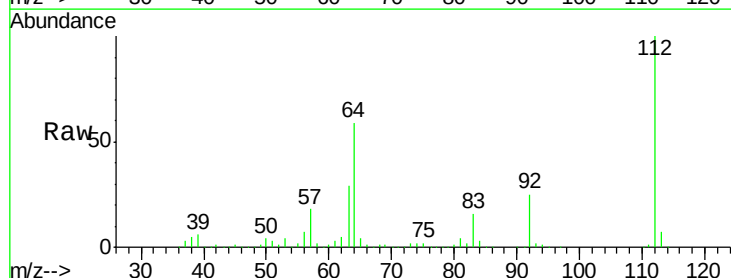
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



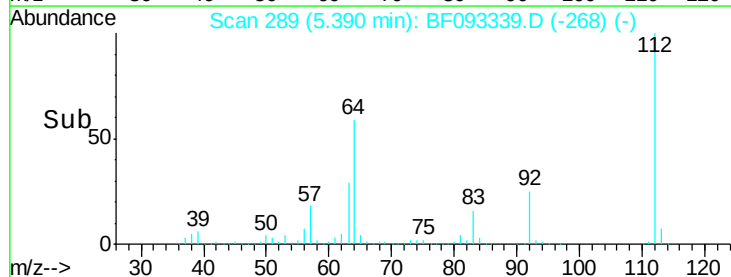
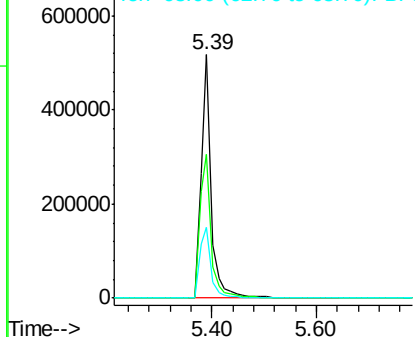
#5

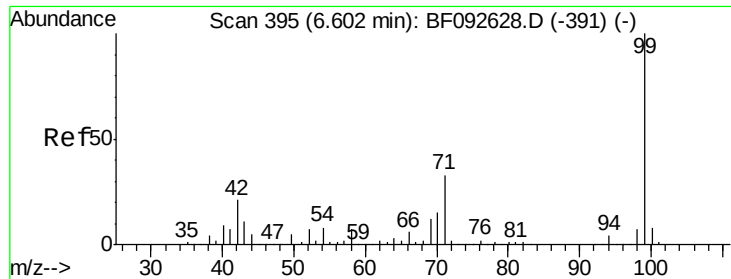
2-Fluorophenol
 Concen: 83.31 ng
 RT: 5.39 min Scan# 289
 Delta R.T. -0.06 min
 Lab File: BF093339.D
 Acq: 2 Mar 2017 23:45

Tgt Ion:112 Resp: 697052
 Ion Ratio Lower Upper
 112 100
 64 59.0 46.1 69.1
 63 28.9 23.8 35.6



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: 54.45 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.05 min

Lab File: BF093339.D

Acq: 2 Mar 2017 23:45

Instrument :

BNA_F

ClientSampleId :

MW-10R

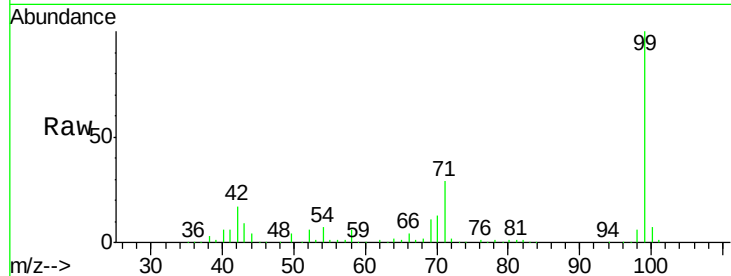
Tgt Ion: 99 Resp: 586179

Ion Ratio Lower Upper

99 100

42 16.8 15.6 23.4

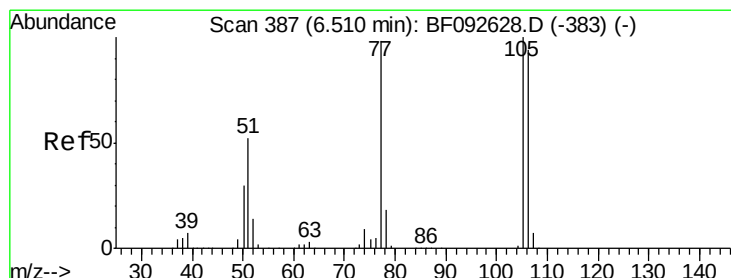
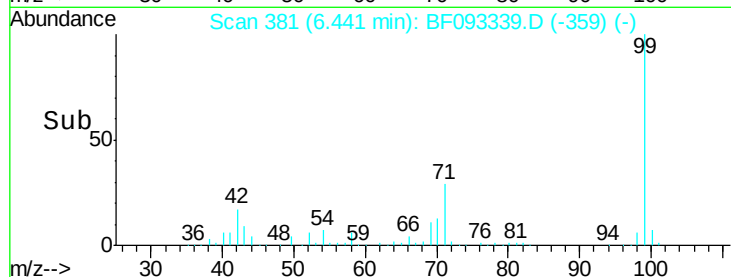
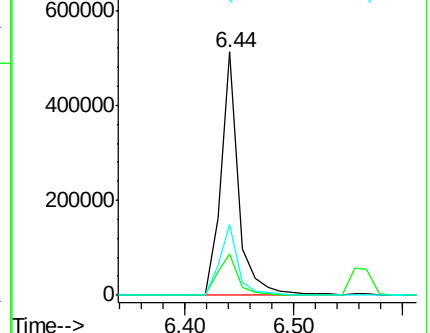
71 29.3 27.5 41.3



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: 3.04 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.17 min

Lab File: BF093339.D

Acq: 2 Mar 2017 23:45

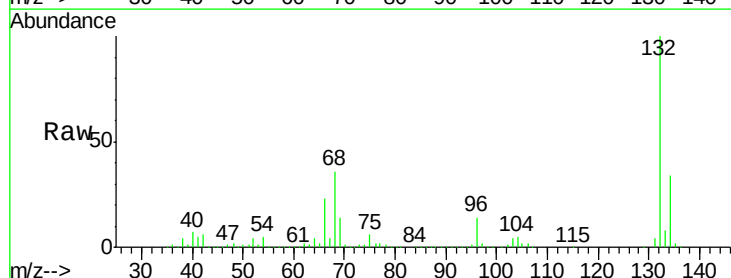
Tgt Ion: 77 Resp: 23432

Ion Ratio Lower Upper

77 100

105 85.5 83.9 123.9

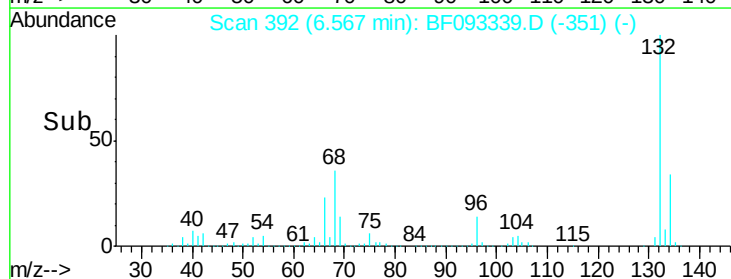
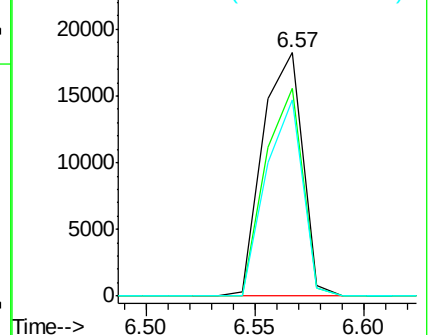
106 80.6 77.6 117.6

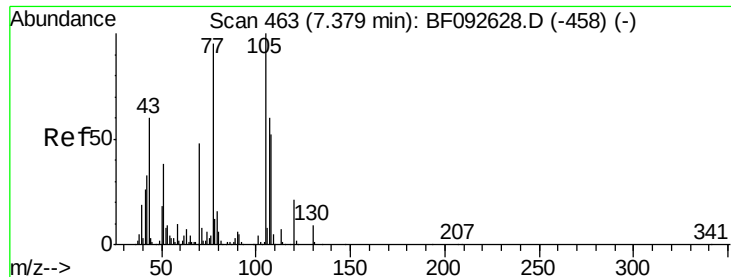


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

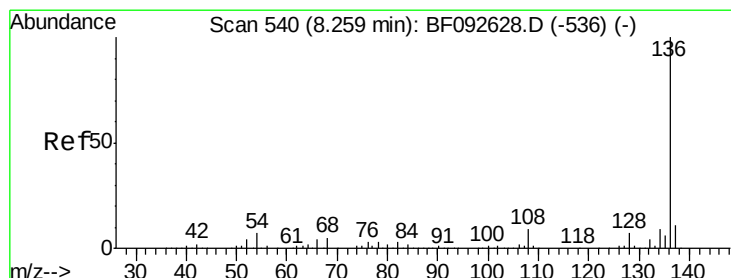
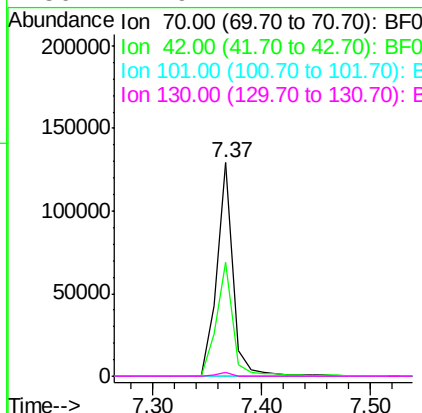
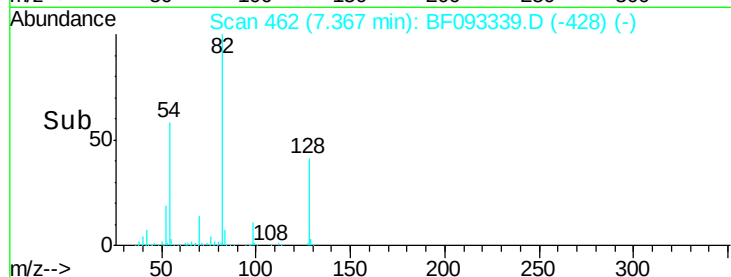
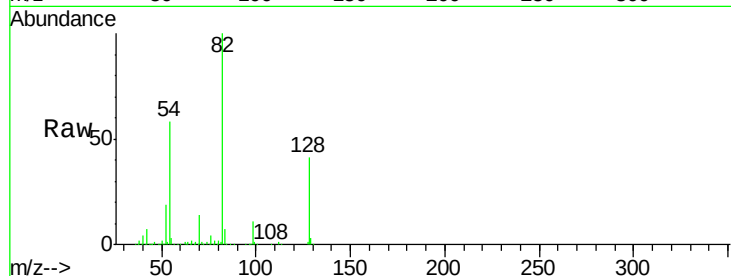




#19
n-Nitroso-di-n-propylamine
Concen: 19.82 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.09 min
Lab File: BF093339.D
Acq: 2 Mar 2017 23:45

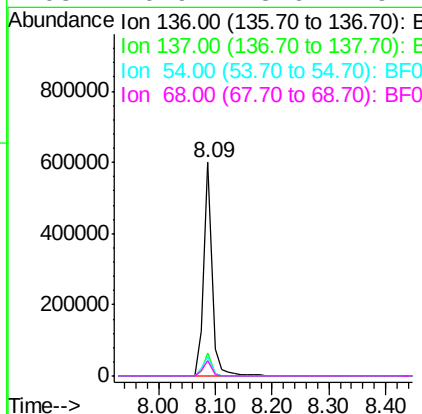
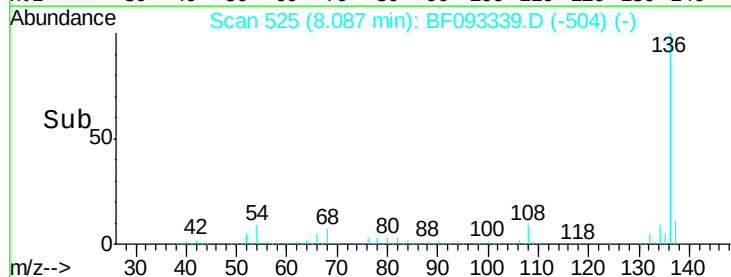
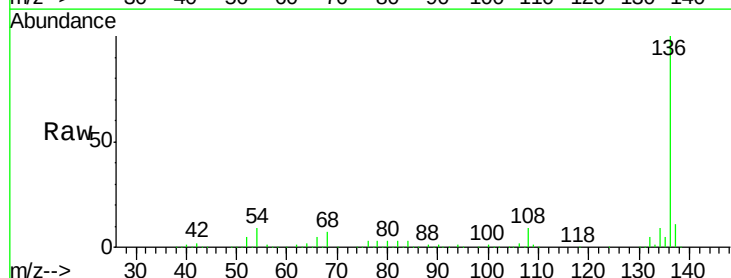
Instrument :
BNA_F
ClientSampleId :
MW-10R

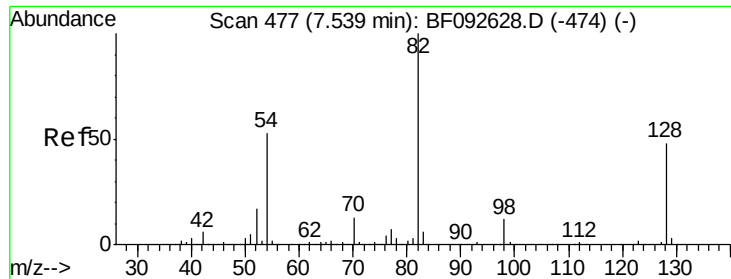
Tgt Ion: 70 Resp: 135800
Ion Ratio Lower Upper
70 100
42 53.2 49.4 74.0
101 0.0 7.4 11.2#
130 1.9 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF093339.D
Acq: 2 Mar 2017 23:45

Tgt Ion: 136 Resp: 588936
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 9.1 4.5 6.7#
68 6.9 3.6 5.4#

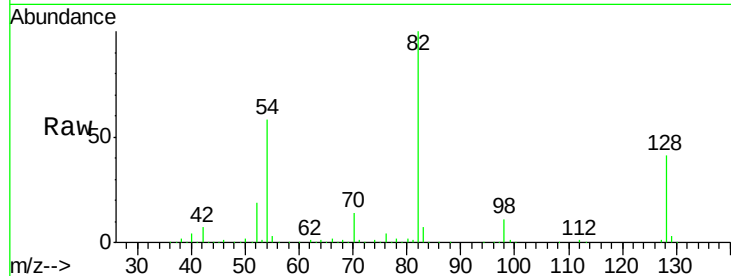




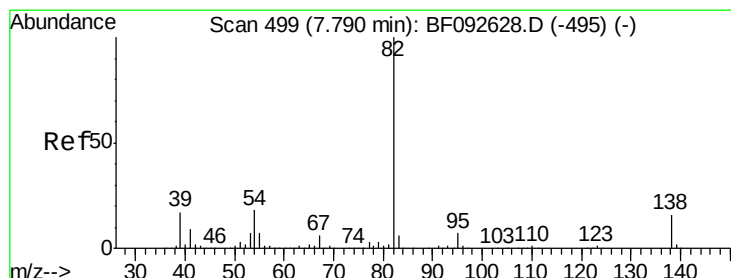
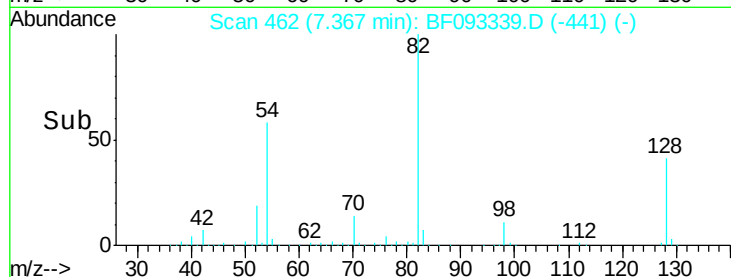
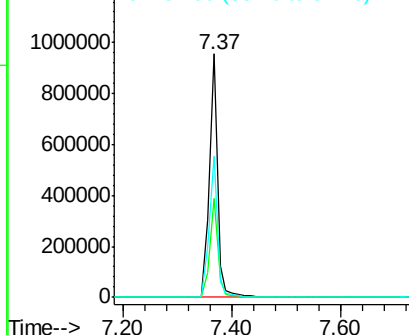
#23
Nitrobenzene-d5
Concen: 95.50 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.06 min
Lab File: BF093339.D
Acq: 2 Mar 2017 23:45

Instrument :
BNA_F
ClientSampleId :
MW-10R

Tgt Ion: 82 Resp: 1009938
Ion Ratio Lower Upper
82 100
128 40.9 34.6 52.0
54 58.0 39.5 59.3

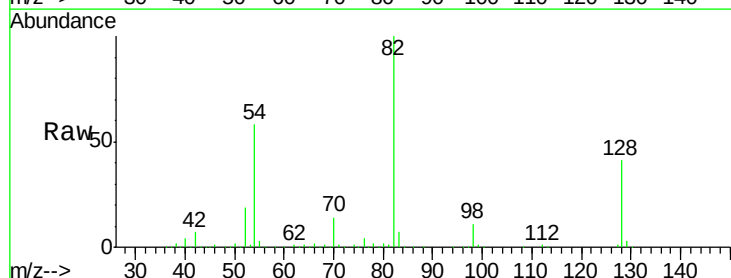


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

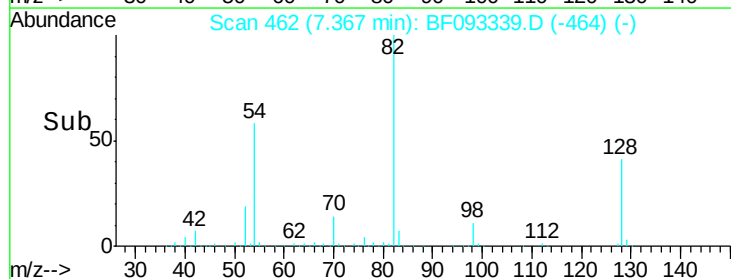
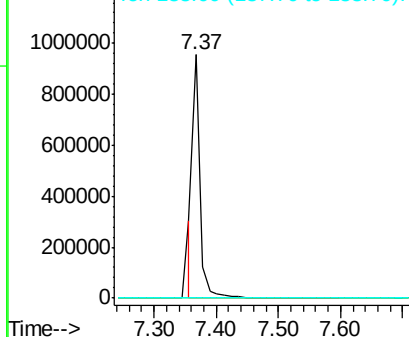


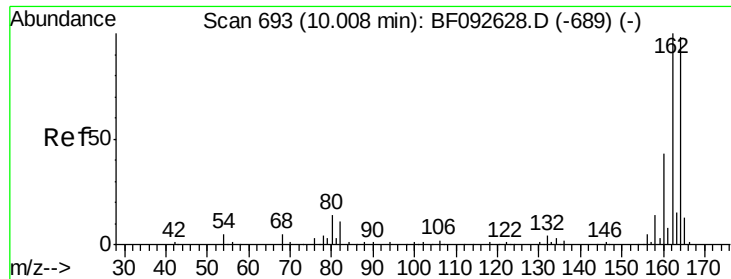
#25
Isophorone
Concen: 40.25 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.32 min
Lab File: BF093339.D
Acq: 2 Mar 2017 23:45

Tgt Ion: 82 Resp: 793156
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.05 min

Lab File: BF093339.D

Acq: 2 Mar 2017 23:45

Instrument :

BNA_F

ClientSampleId :

MW-10R

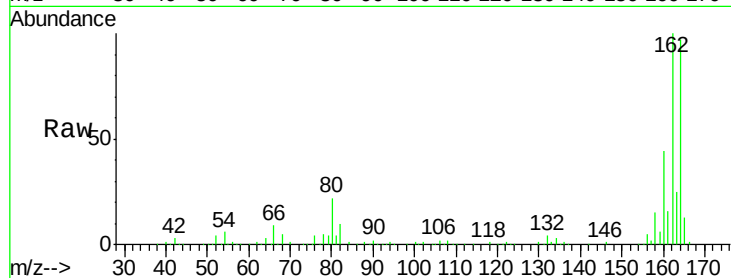
Tgt Ion:164 Resp: 282373

Ion Ratio Lower Upper

164 100

162 102.7 80.2 120.2

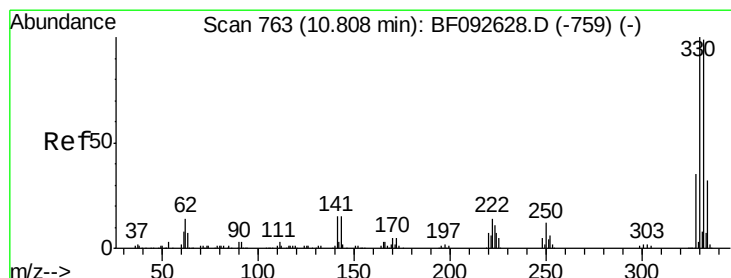
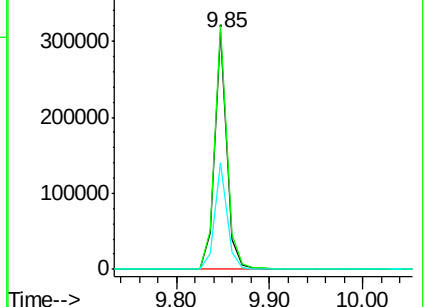
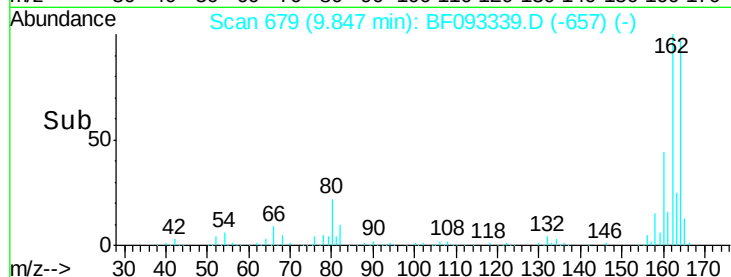
160 44.9 36.9 55.3



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: 156.77 ng

RT: 10.65 min Scan# 749

Delta R.T. -0.03 min

Lab File: BF093339.D

Acq: 2 Mar 2017 23:45

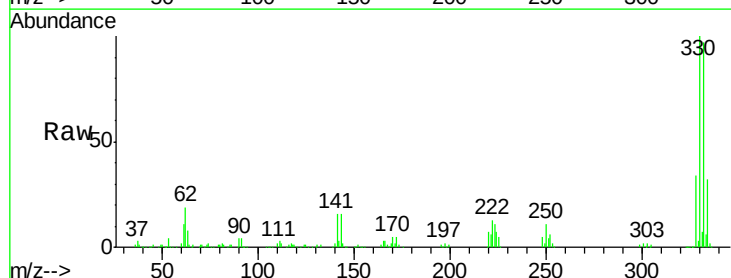
Tgt Ion:330 Resp: 320179

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.2

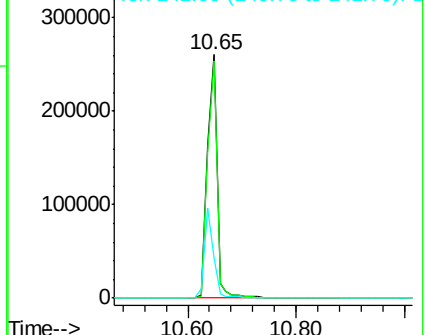
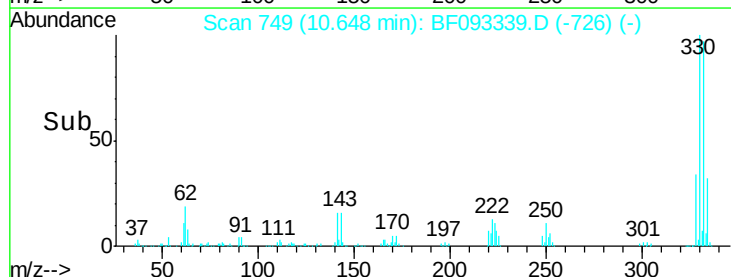
141 34.9 34.1 51.1

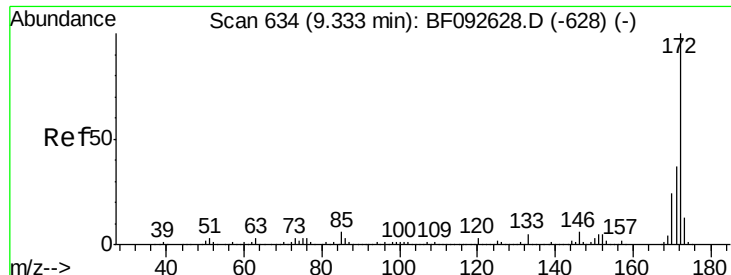


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

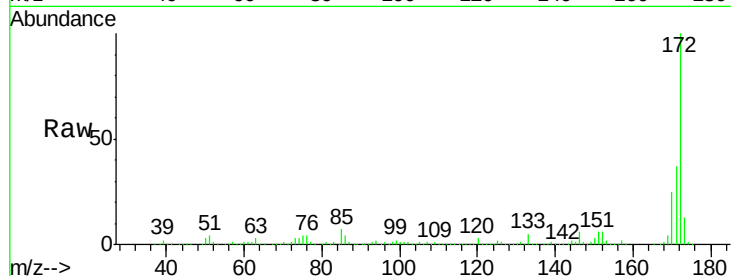




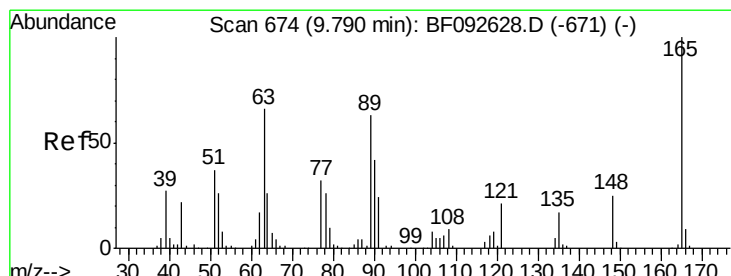
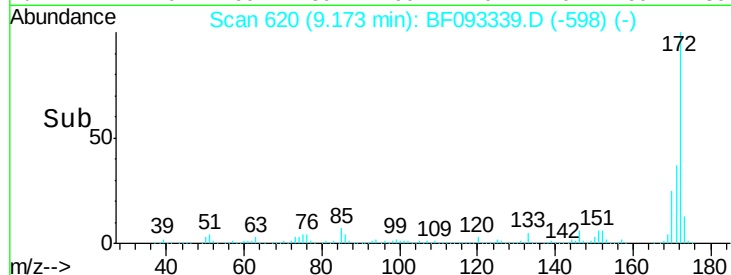
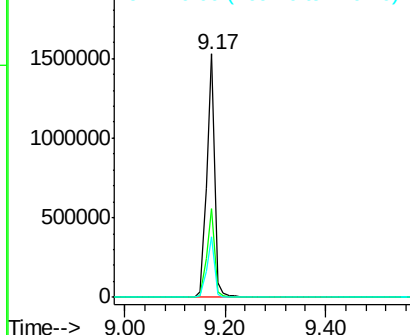
#44
 2-Fluorobiphenyl
 Concen: 106.10 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF093339.D
 Acq: 2 Mar 2017 23:45

Instrument :
 BNA_F
 ClientSampleId :
 MW-10R

Tgt Ion:172 Resp: 1653656
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 24.7 20.2 30.4

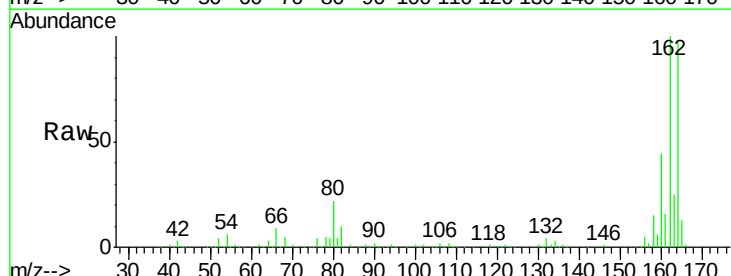


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

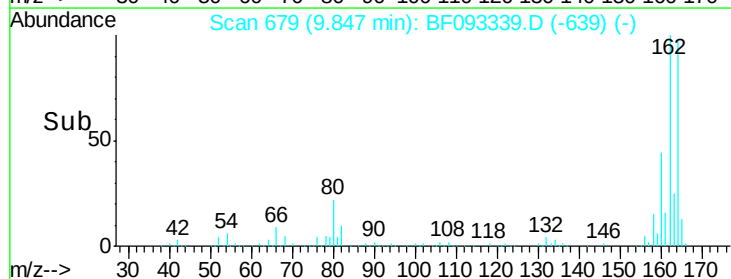
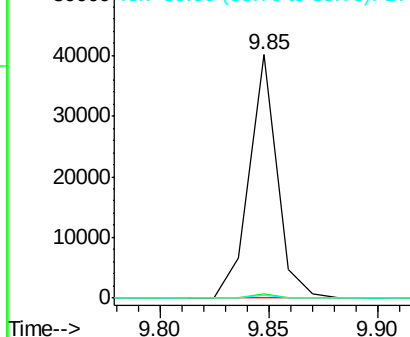


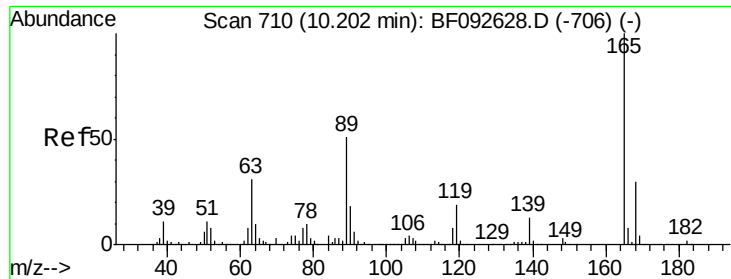
#50
 2,6-Dinitrotoluene
 Concen: 8.69 ng
 RT: 9.85 min Scan# 679
 Delta R.T. 0.16 min
 Lab File: BF093339.D
 Acq: 2 Mar 2017 23:45

Tgt Ion:165 Resp: 35713
 Ion Ratio Lower Upper
 165 100
 63 1.8 36.2 54.4#
 89 1.4 40.2 60.4#



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

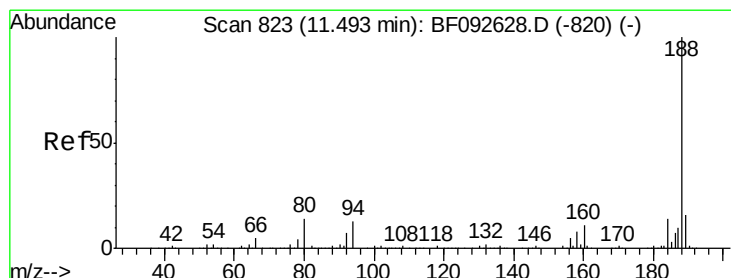
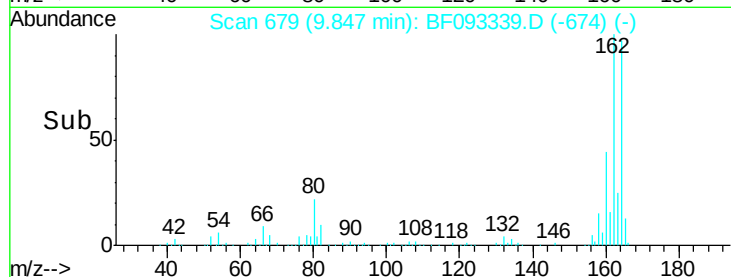
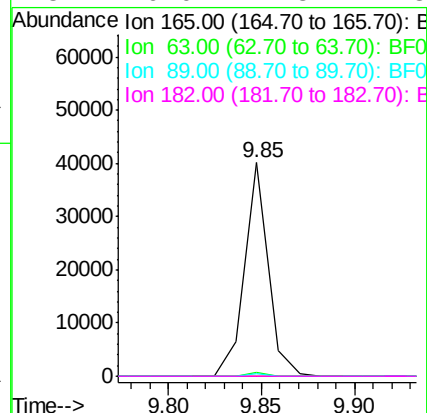
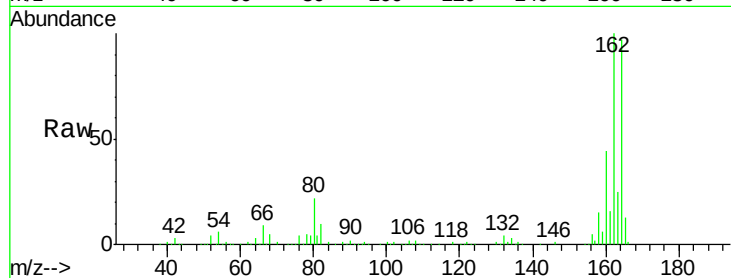




#56
 2,4-Dinitrotoluene
 Concen: 6.53 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.24 min
 Lab File: BF093339.D
 Acq: 2 Mar 2017 23:45

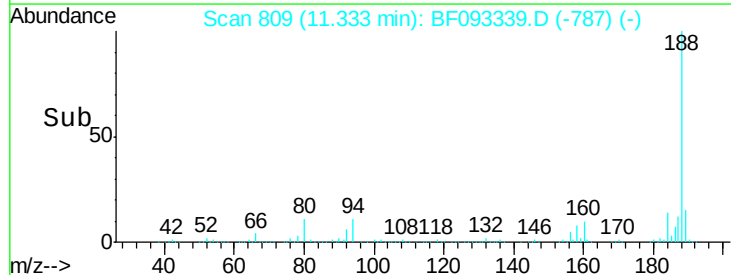
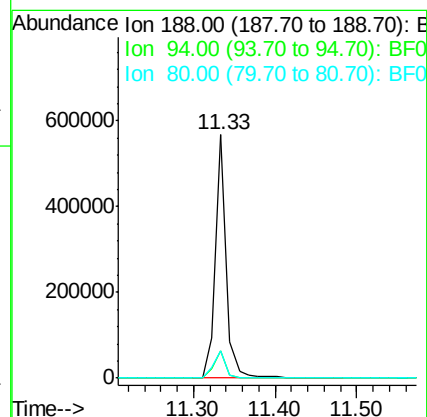
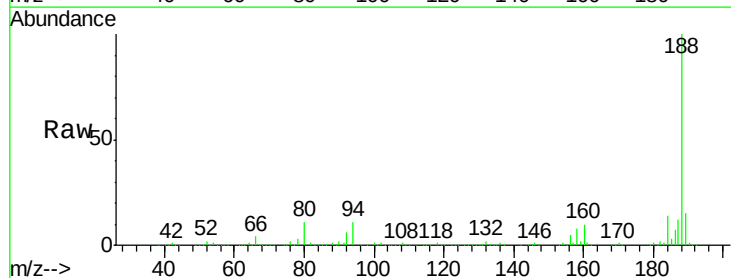
Instrument :
 BNA_F
 ClientSampleId :
 MW-10R

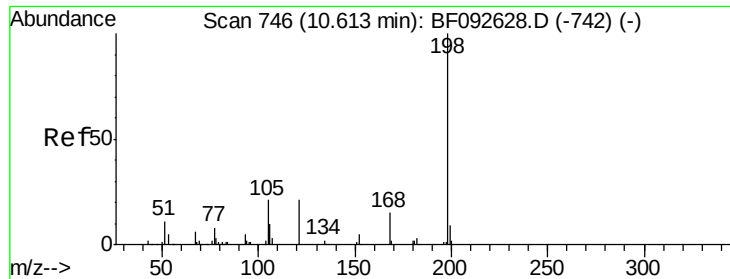
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	40.2	60.4#
89	1.4	62.5	93.7#
182	0.0	1.8	2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.05 min
 Lab File: BF093339.D
 Acq: 2 Mar 2017 23:45

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.3	10.0	15.0
80	11.3	11.2	16.8

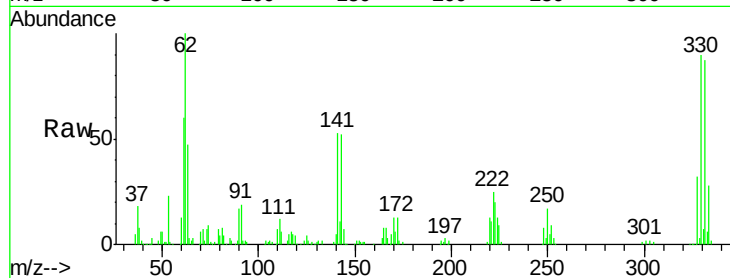




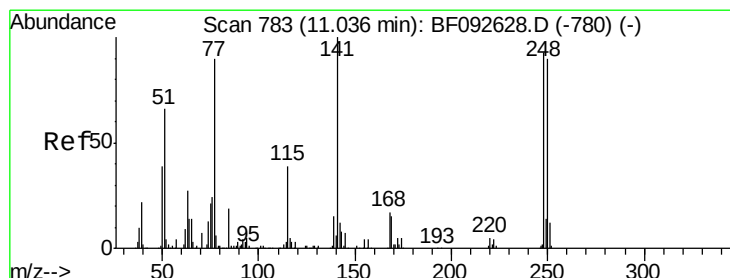
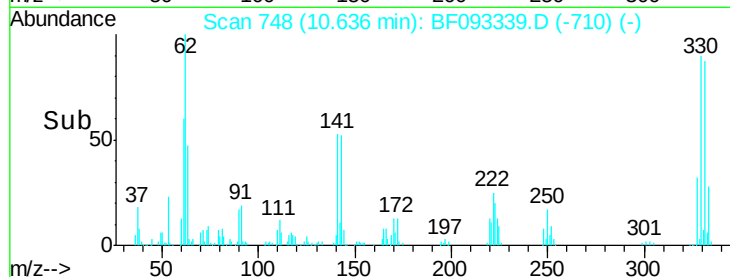
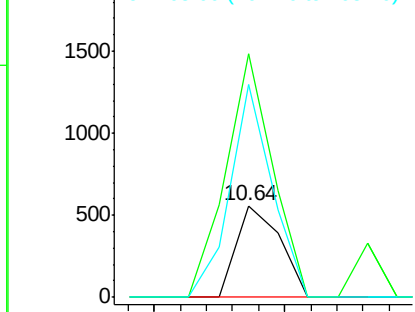
#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.86 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.14 min
 Lab File: BF093339.D
 Acq: 2 Mar 2017 23:45

Instrument :
 BNA_F
 ClientSampleId :
 MW-10R

Tgt Ion:198 Resp: 650
 Ion Ratio Lower Upper
 198 100
 51 265.9 6.7 46.7#
 105 232.1 16.6 56.6#

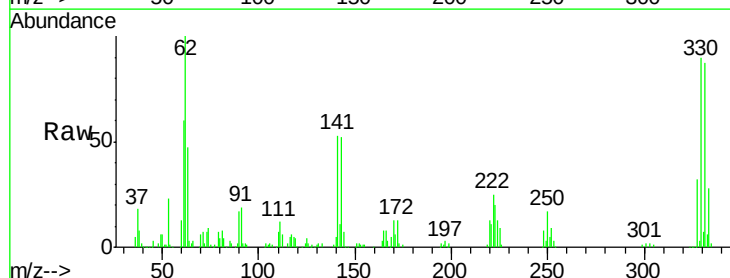


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

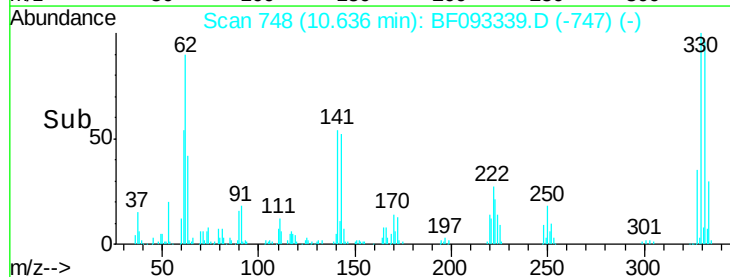
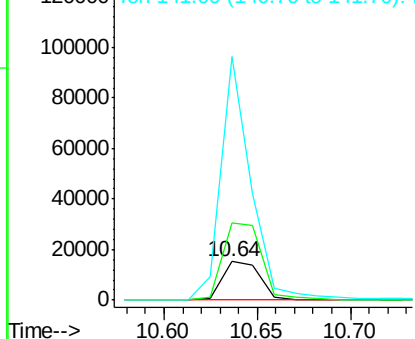


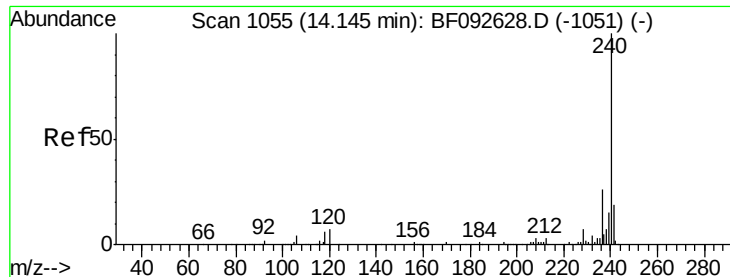
#66
 4-Bromophenyl-phenylether
 Concen: 3.83 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.29 min
 Lab File: BF093339.D
 Acq: 2 Mar 2017 23:45

Tgt Ion:248 Resp: 21427
 Ion Ratio Lower Upper
 248 100
 250 201.2 76.9 115.3#
 141 632.7 68.2 102.4#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.05 min

Lab File: BF093339.D

Acq: 2 Mar 2017 23:45

Instrument :

BNA_F

ClientSampleId :

MW-10R

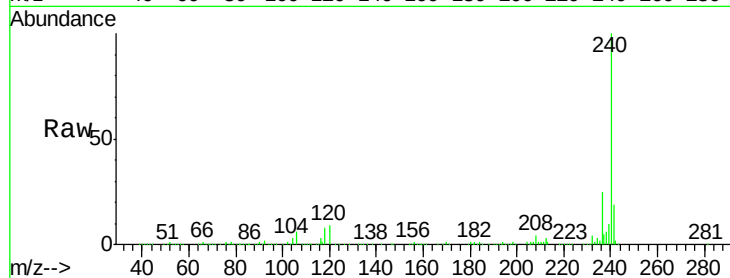
Tgt Ion:240 Resp: 434818

Ion Ratio Lower Upper

240 100

120 9.4 12.9 19.3#

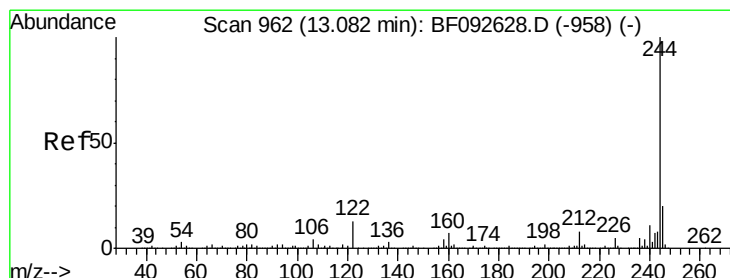
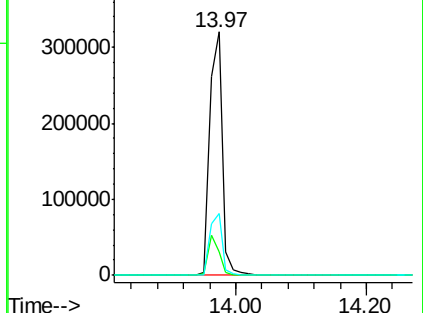
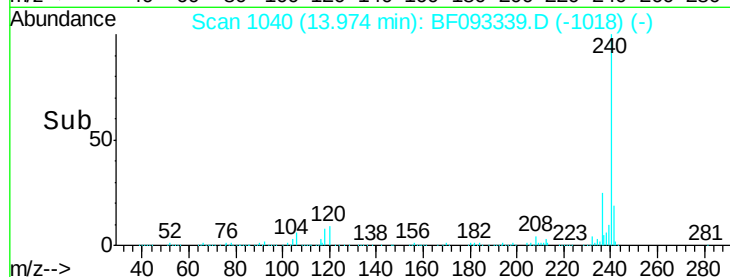
236 25.3 20.9 31.3



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: 78.15 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.05 min

Lab File: BF093339.D

Acq: 2 Mar 2017 23:45

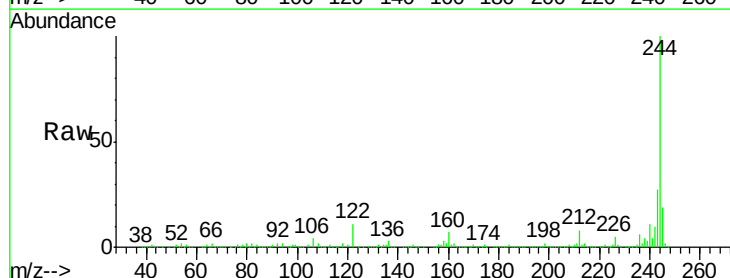
Tgt Ion:244 Resp: 1446284

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

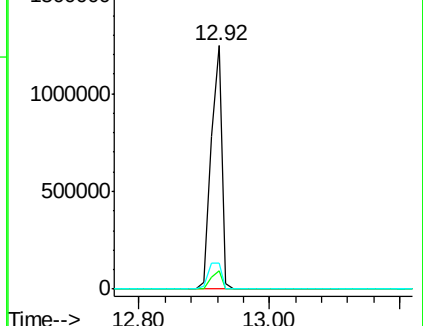
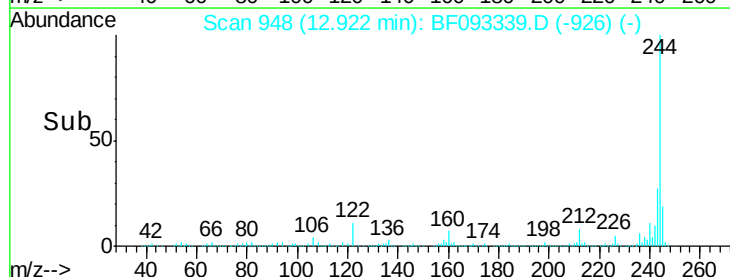
122 10.9 11.4 17.2#

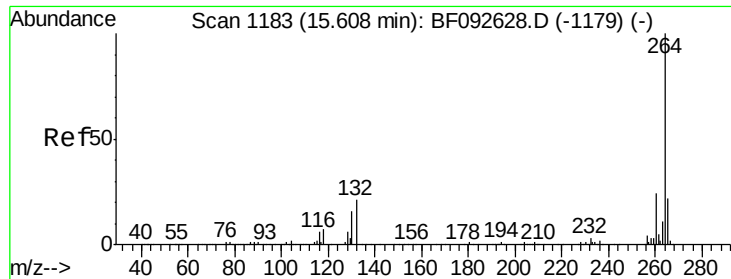


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.39 min Scan# 1164
Delta R.T. -0.06 min
Lab File: BF093339.D
Acq: 2 Mar 2017 23:45

Instrument :
BNA_F
ClientSampleId :
MW-10R

Tgt Ion: 264 Resp: 295166
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 20.6 17.4 26.0

