

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030217\
 Data File : BF093340.D
 Acq On : 3 Mar 2017 00:12
 Operator : SJ/MA
 Sample : I2054-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-9

Quant Time: Mar 03 01:17:14 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 03 00:22:20 2017
 Response via : Initial Calibration

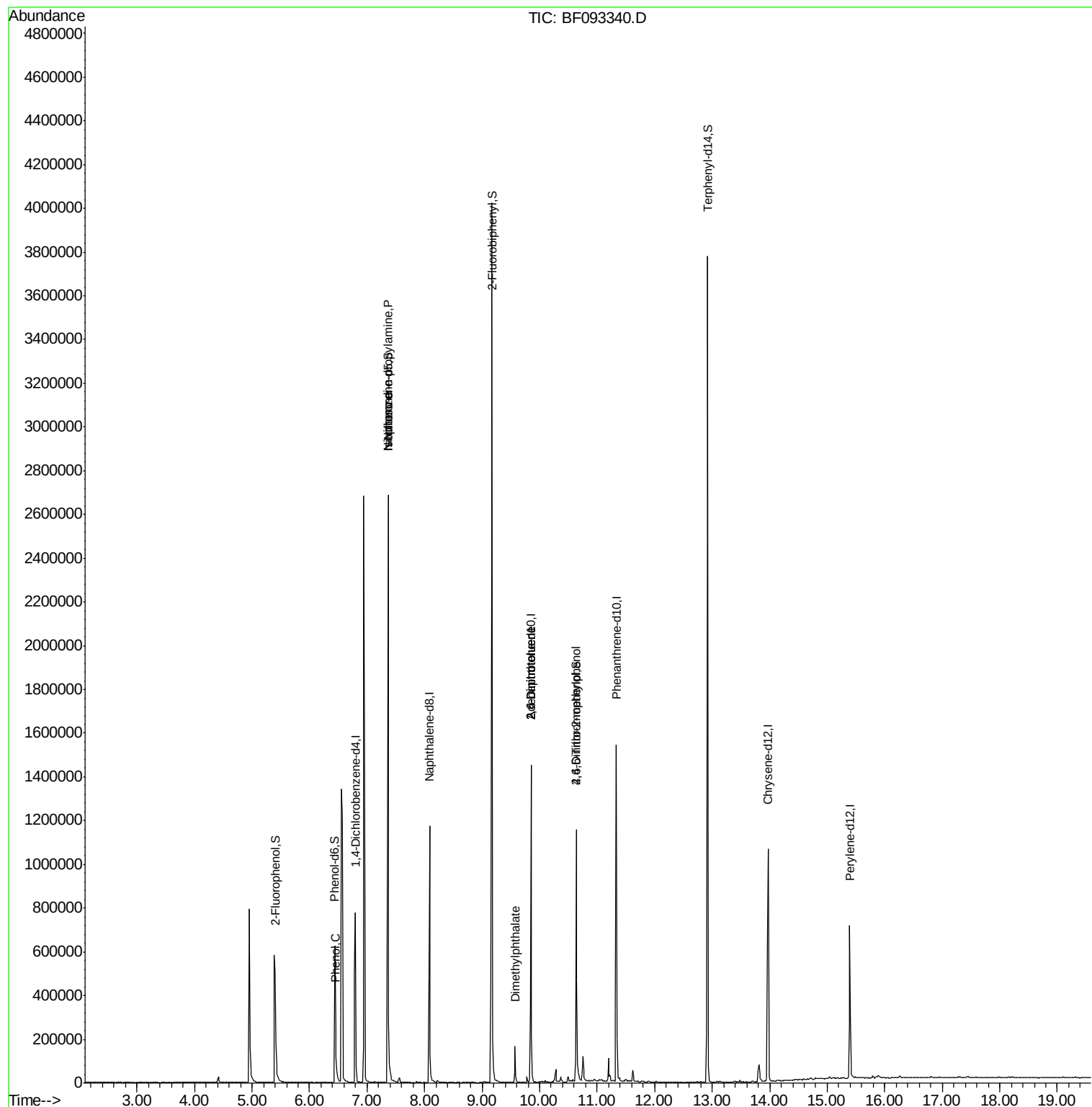
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	153298	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	625308	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	300622	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	569573	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	462736	20.00	ng	-0.01
86) Perylene-d12	15.39	264	321975	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	280958	31.44	ng	0.01
7) Phenol-d6	6.44	99	255048	22.18	ng	-0.01
23) Nitrobenzene-d5	7.37	82	1014183	90.32	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	140786	64.75	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	1639727	98.82	ng	0.00
78) Terphenyl-d14	12.92	244	1475419	74.92	ng	0.00
Target Compounds						
10) Phenol	6.45	94	40250	2.99	ng	Qvalue 83
19) n-Nitroso-di-n-propylamine	7.37	70	137654	18.81	ng	# 81
25) Isophorone	7.37	82	735859	35.17	ng	# 65
49) Dimethylphthalate	9.57	163	76106	3.76	ng	99
50) 2,6-Dinitrotoluene	9.85	165	37702	8.62	ng	# 31
56) 2,4-Dinitrotoluene	9.85	165	37703	6.48	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.64	198	231	2.73	ng	# 1

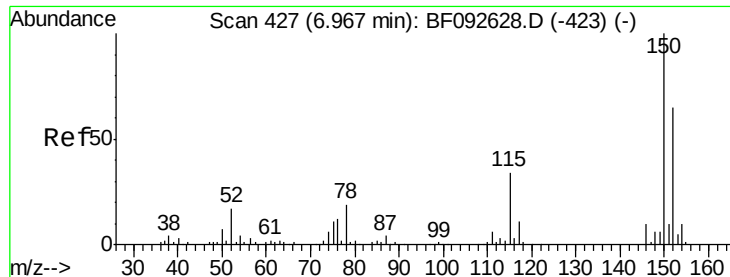
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030217\
Data File : BF093340.D
Acq On : 3 Mar 2017 00:12
Operator : SJ/MA
Sample : I2054-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-9

Quant Time: Mar 03 01:17:14 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 03 00:22:20 2017
Response via : Initial Calibration



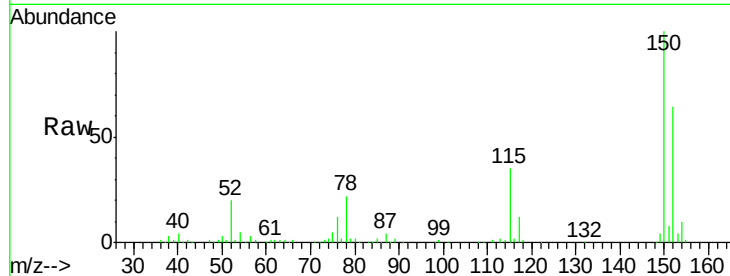


#1

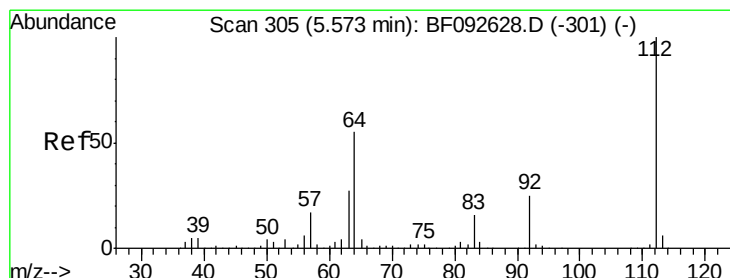
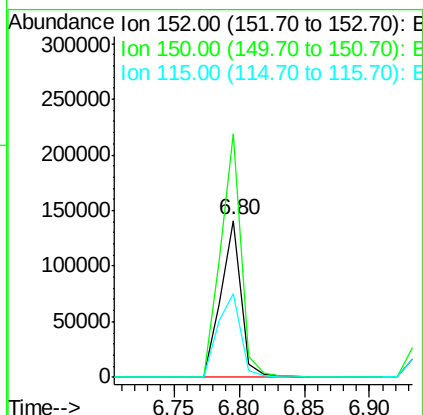
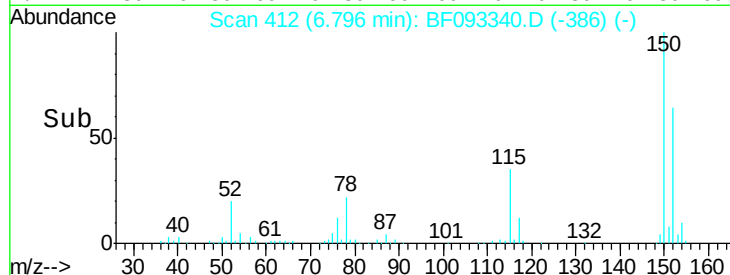
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF093340.D
Acq: 3 Mar 2017 00:12

Instrument :
BNA_F
ClientSampled :
MW-9

Tgt Ion:152 Resp: 153298
Ion Ratio Lower Upper
152 100
150 155.5 124.9 187.3
115 53.7 46.0 69.0



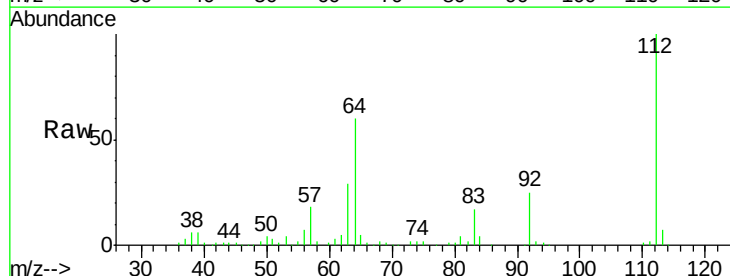
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



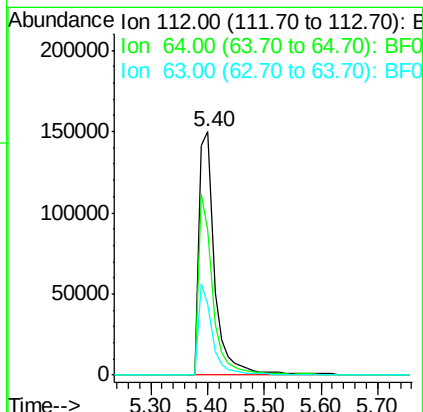
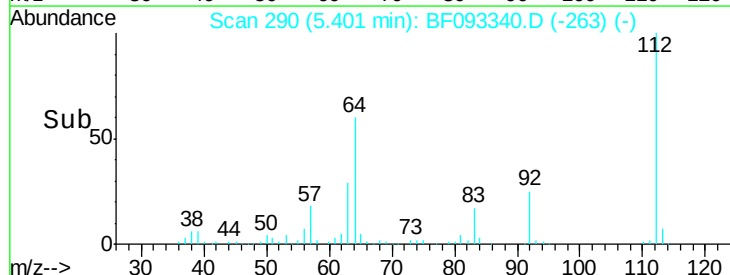
#5

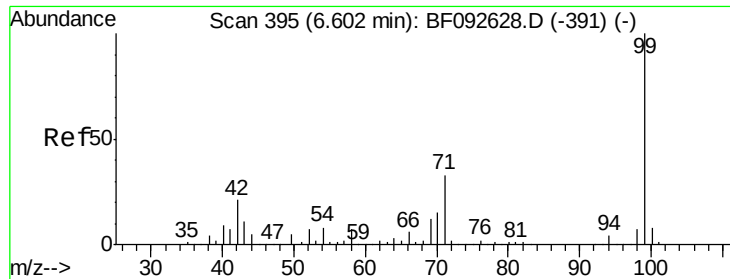
2-Fluorophenol
Concen: 31.44 ng
RT: 5.40 min Scan# 290
Delta R.T. 0.01 min
Lab File: BF093340.D
Acq: 3 Mar 2017 00:12

Tgt Ion:112 Resp: 280958
Ion Ratio Lower Upper
112 100
64 59.7 46.1 69.1
63 29.0 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: 22.18 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF093340.D

Acq: 3 Mar 2017 00:12

Instrument :

BNA_F

ClientSampleId :

MW-9

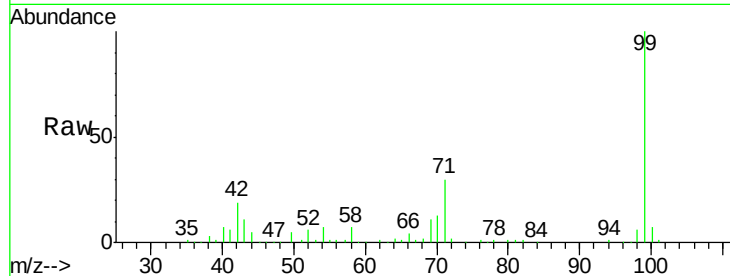
Tgt Ion: 99 Resp: 255048

Ion Ratio Lower Upper

99 100

42 19.1 15.6 23.4

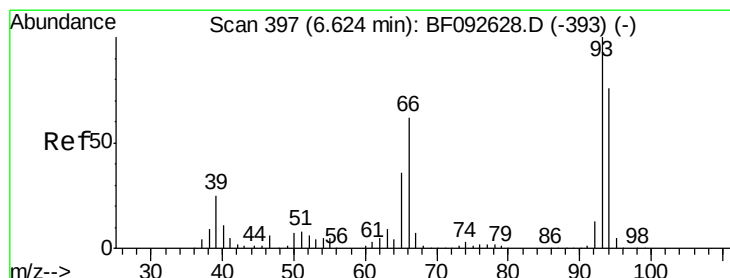
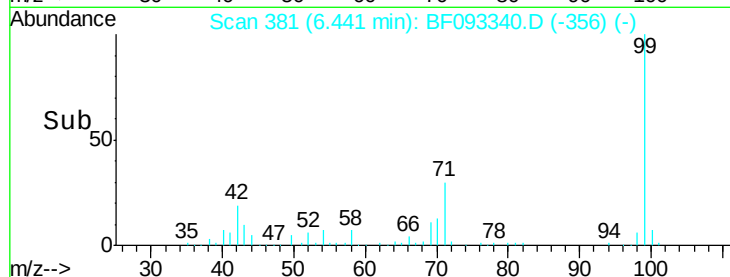
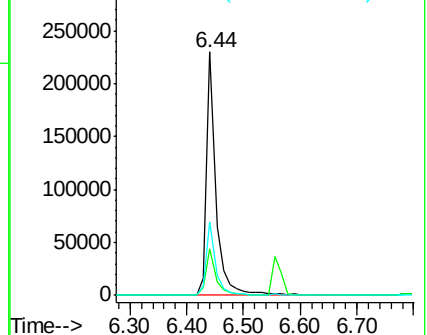
71 30.3 27.5 41.3



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



#10

Phenol

Concen: 2.99 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF093340.D

Acq: 3 Mar 2017 00:12

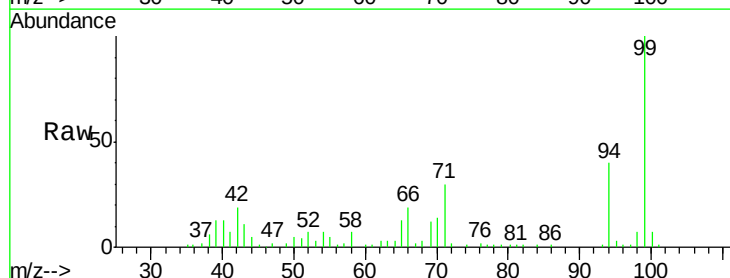
Tgt Ion: 94 Resp: 40250

Ion Ratio Lower Upper

94 100

65 32.8 21.4 61.4

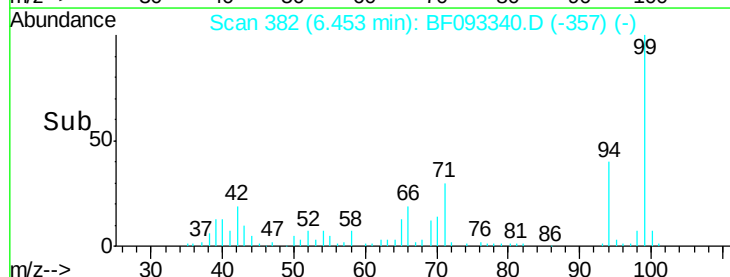
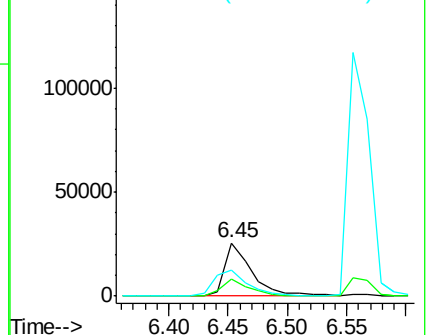
66 48.6 44.0 84.0

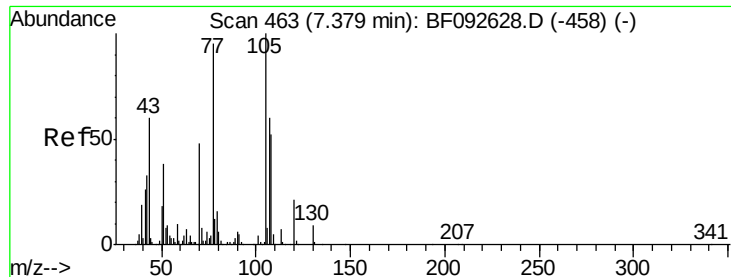


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

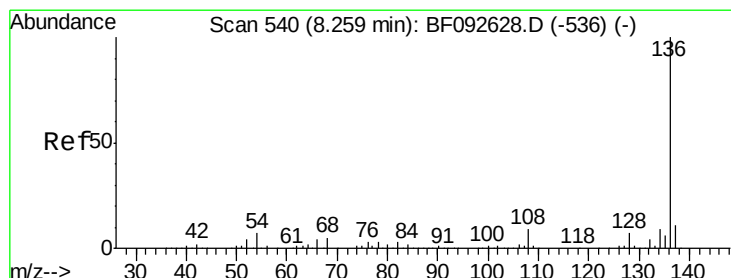
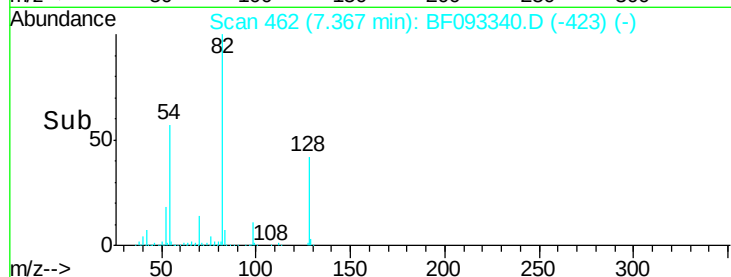
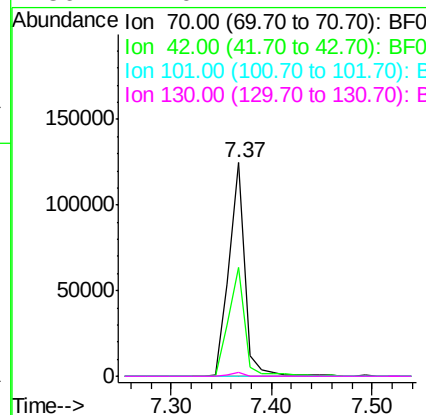
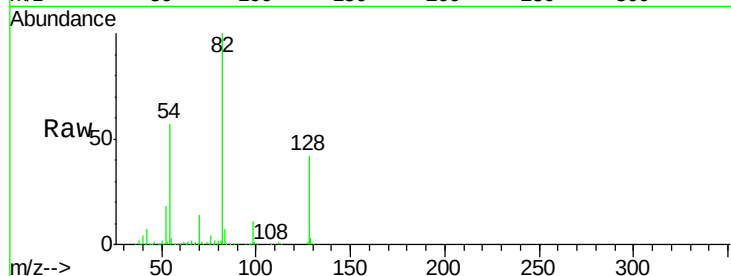




#19
 n-Nitroso-di-n-propylamine
 Concen: 18.81 ng
 RT: 7.37 min Scan# 462
 Delta R.T. 0.15 min
 Lab File: BF093340.D
 Acq: 3 Mar 2017 00:12

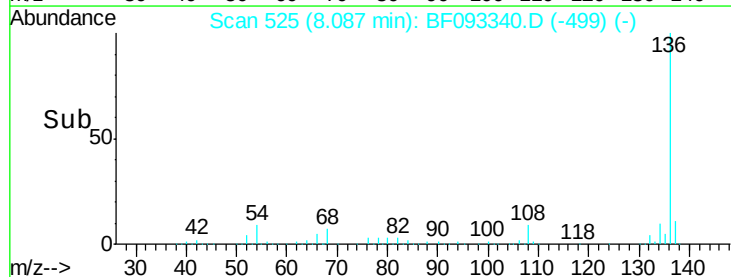
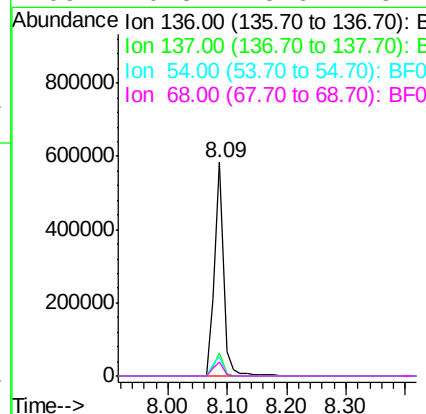
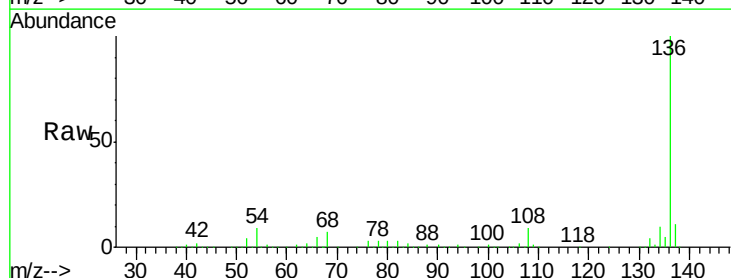
Instrument :
 BNA_F
 ClientSampleId :
 MW-9

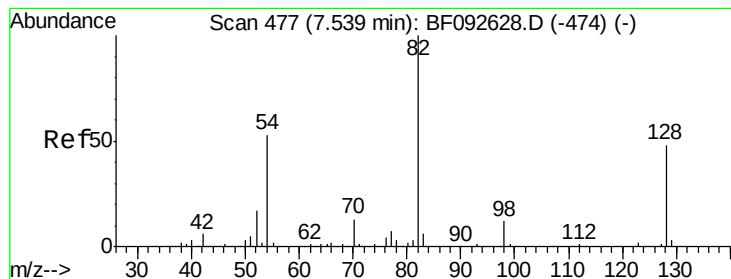
Tgt Ion: 70 Resp: 137654
 Ion Ratio Lower Upper
 70 100
 42 51.2 49.4 74.0
 101 0.0 7.4 11.2#
 130 2.0 14.2 21.4#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.09 min Scan# 525
 Delta R.T. -0.00 min
 Lab File: BF093340.D
 Acq: 3 Mar 2017 00:12

Tgt Ion: 136 Resp: 625308
 Ion Ratio Lower Upper
 136 100
 137 10.9 8.4 12.6
 54 9.0 4.5 6.7#
 68 6.8 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 90.32 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.01 min

Lab File: BF093340.D

Acq: 3 Mar 2017 00:12

Instrument :

BNA_F

ClientSampleId :

MW-9

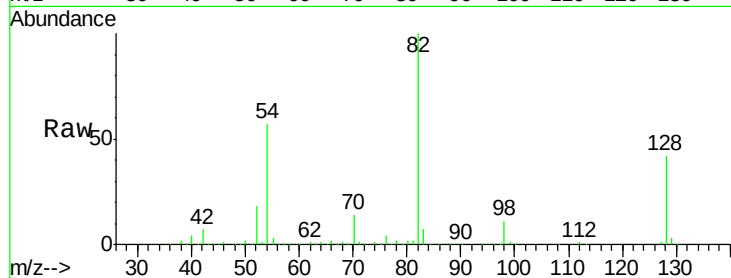
Tgt Ion: 82 Resp: 1014183

Ion Ratio Lower Upper

82 100

128 41.6 34.6 52.0

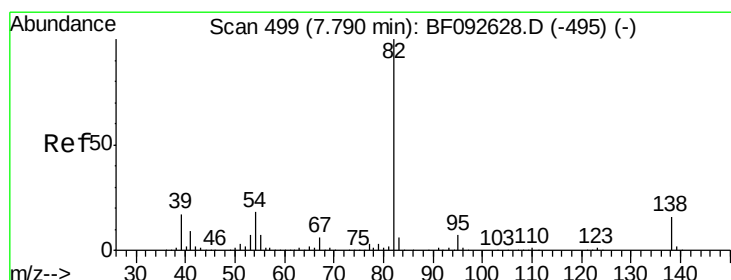
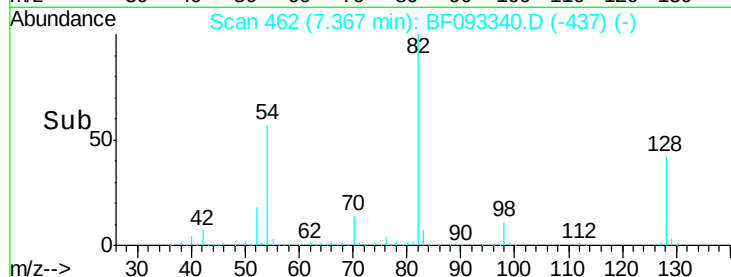
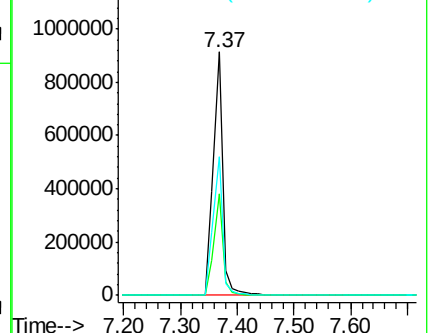
54 57.1 39.5 59.3



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: 35.17 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.26 min

Lab File: BF093340.D

Acq: 3 Mar 2017 00:12

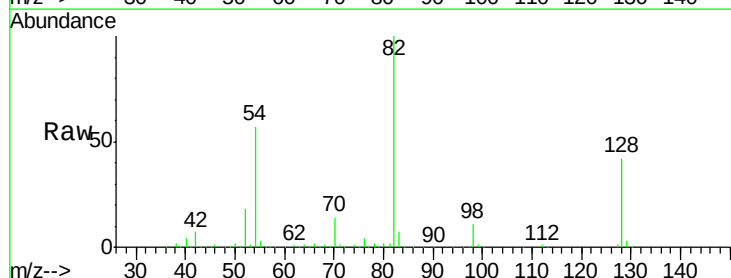
Tgt Ion: 82 Resp: 735859

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

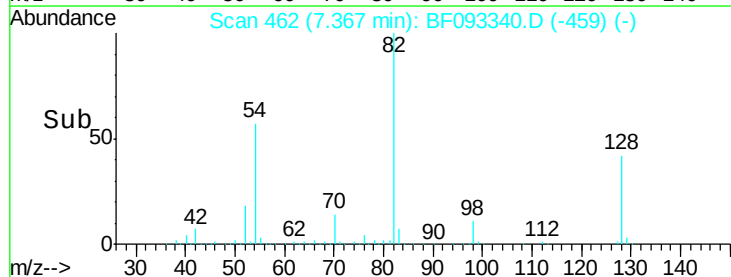
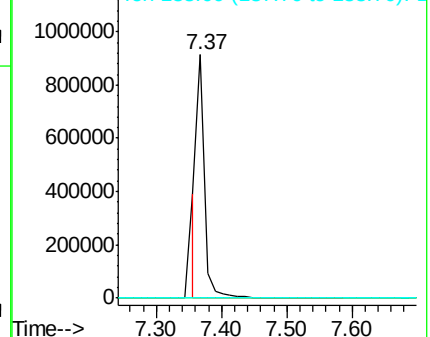
138 0.0 14.6 22.0#

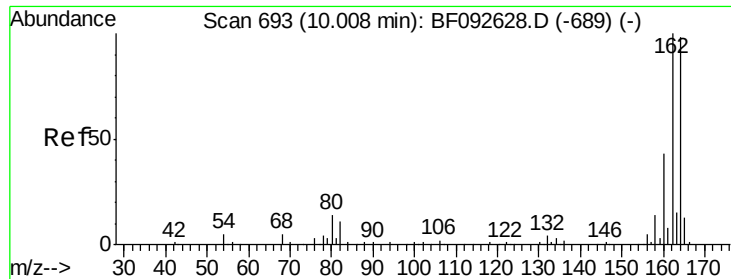


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

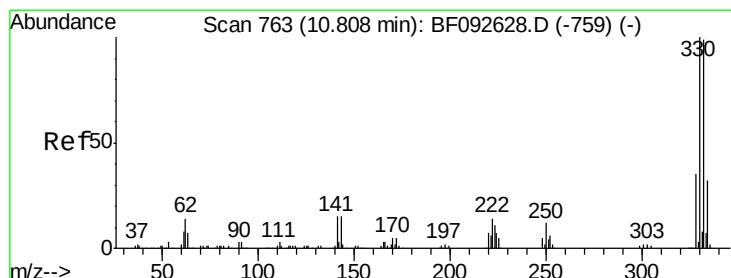
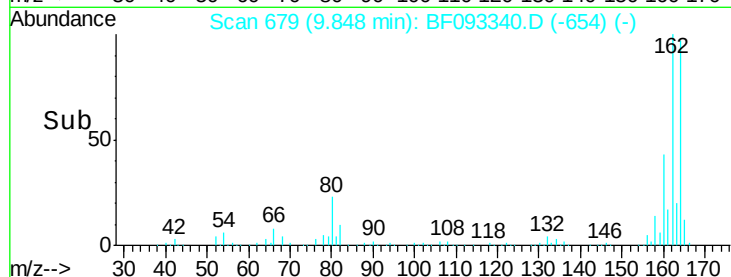
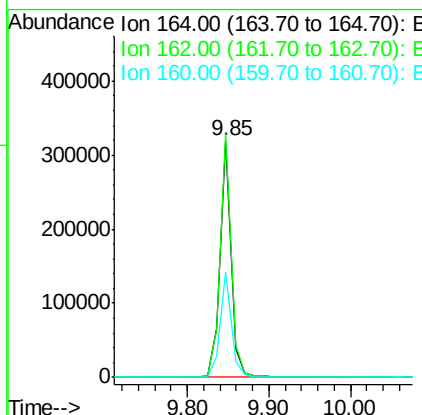
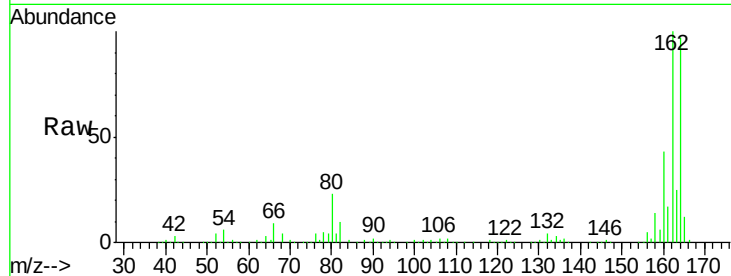




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.01 min
 Lab File: BF093340.D
 Acq: 3 Mar 2017 00:12

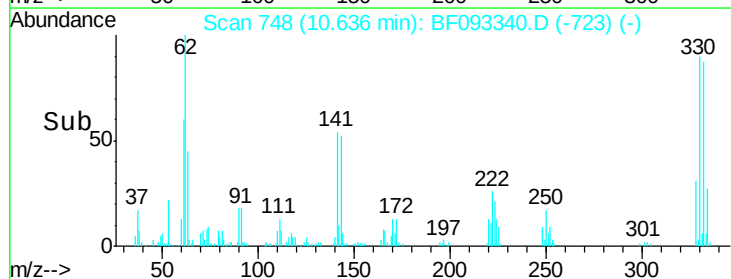
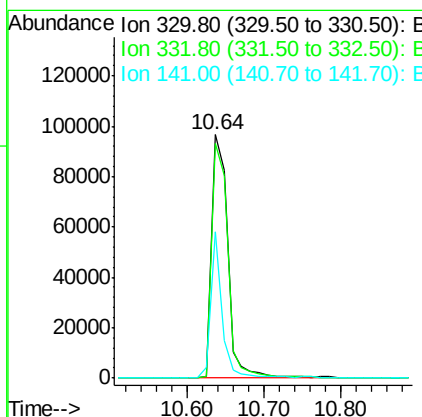
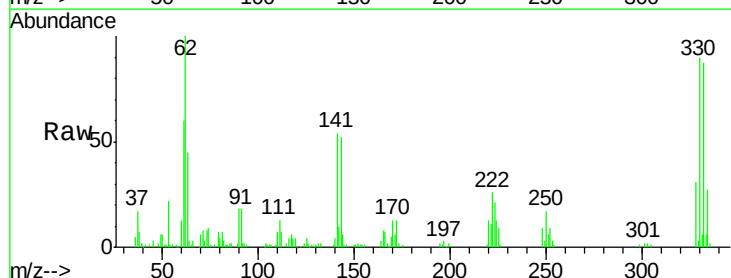
Instrument :
 BNA_F
 ClientSampleId :
 MW-9

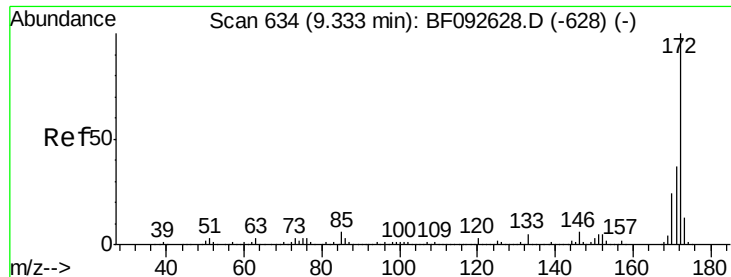
Tgt Ion:164 Resp: 300622
 Ion Ratio Lower Upper
 164 100
 162 103.0 80.2 120.2
 160 44.5 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 64.75 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.01 min
 Lab File: BF093340.D
 Acq: 3 Mar 2017 00:12

Tgt Ion:330 Resp: 140786
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.4 116.2
 141 42.0 34.1 51.1

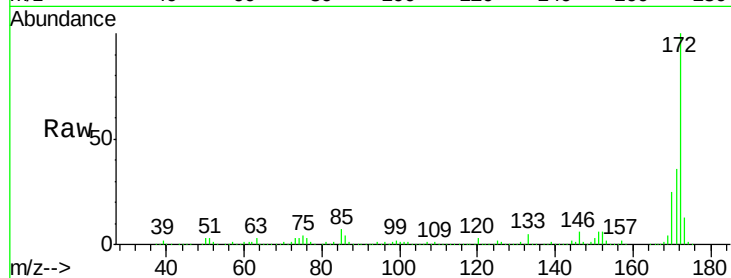




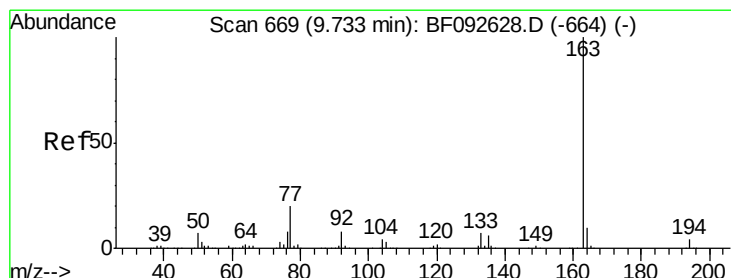
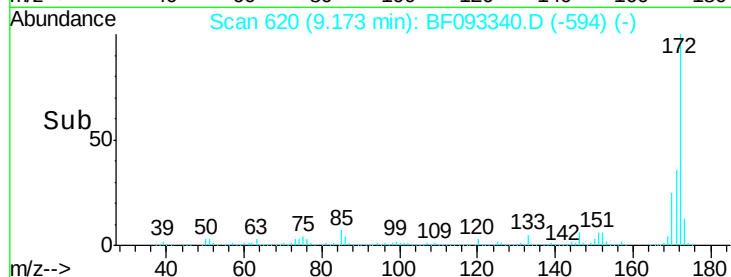
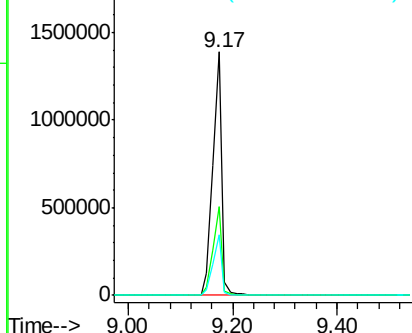
#44
 2-Fluorobiphenyl
 Concen: 98.82 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF093340.D
 Acq: 3 Mar 2017 00:12

Instrument :
 BNA_F
 ClientSampleId :
 MW-9

Tgt Ion:172 Resp: 1639727
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 24.8 20.2 30.4

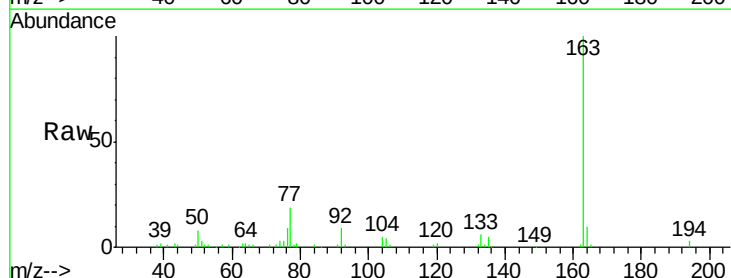


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

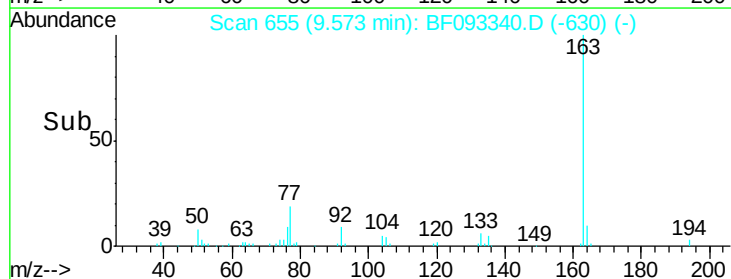
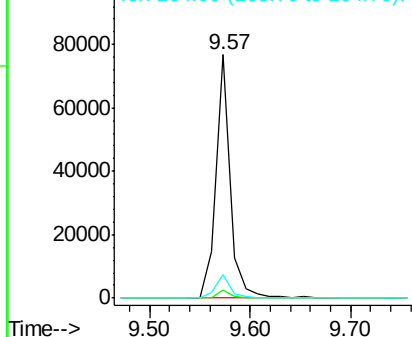


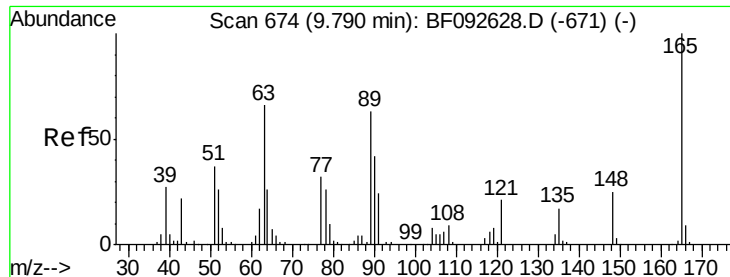
#49
 Dimethylphthalate
 Concen: 3.76 ng
 RT: 9.57 min Scan# 655
 Delta R.T. -0.01 min
 Lab File: BF093340.D
 Acq: 3 Mar 2017 00:12

Tgt Ion:163 Resp: 76106
 Ion Ratio Lower Upper
 163 100
 194 3.1 3.0 4.4
 164 9.6 8.0 12.0



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

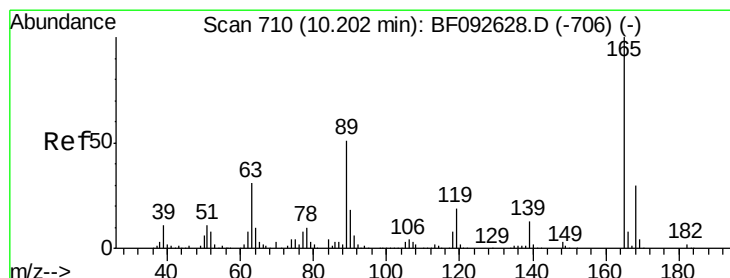
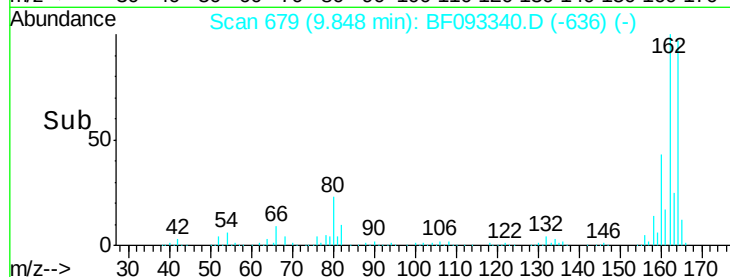
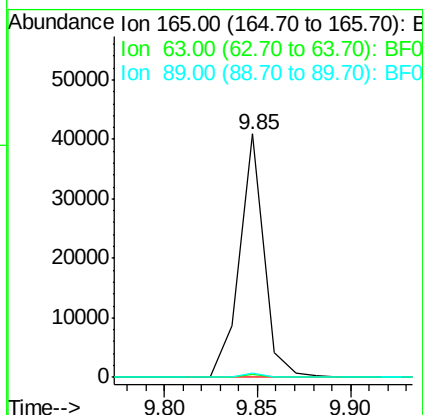
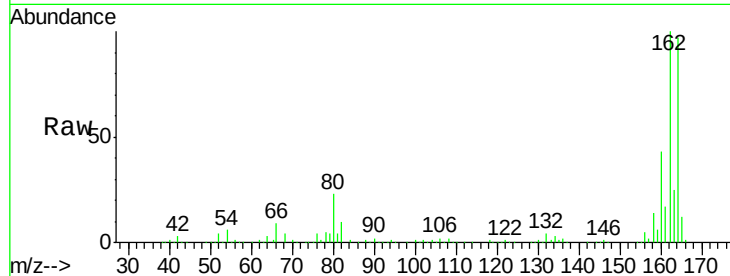




#50
 2,6-Dinitrotoluene
 Concen: 8.62 ng
 RT: 9.85 min Scan# 679
 Delta R.T. 0.19 min
 Lab File: BF093340.D
 Acq: 3 Mar 2017 00:12

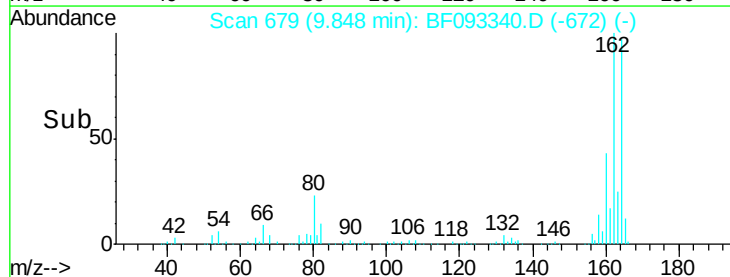
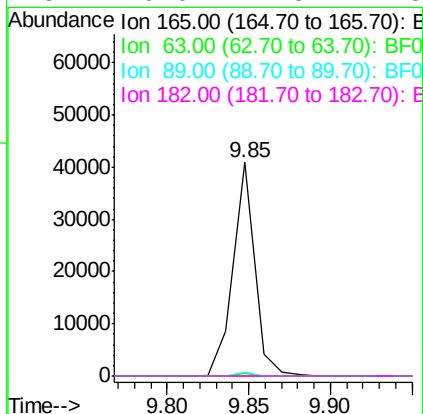
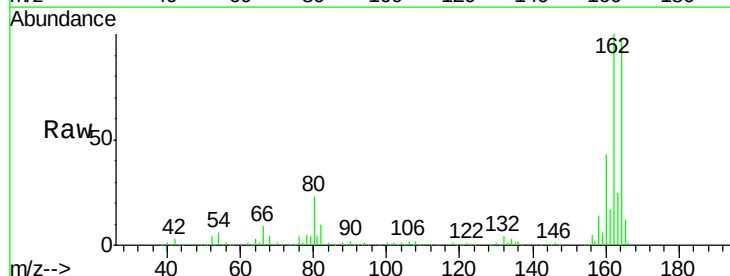
Instrument :
 BNA_F
 ClientSampled :
 MW-9

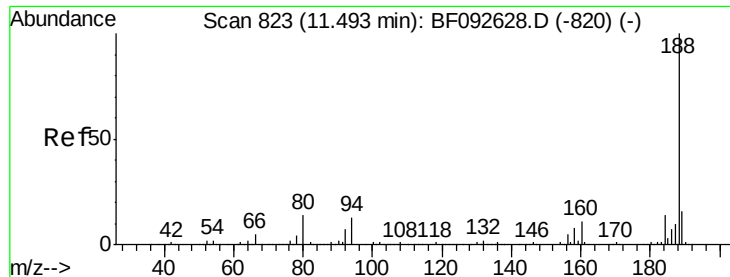
Tgt Ion:165 Resp: 37702
 Ion Ratio Lower Upper
 165 100
 63 1.3 36.2 54.4#
 89 1.7 40.2 60.4#



#56
 2,4-Dinitrotoluene
 Concen: 6.48 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.22 min
 Lab File: BF093340.D
 Acq: 3 Mar 2017 00:12

Tgt Ion:165 Resp: 37703
 Ion Ratio Lower Upper
 165 100
 63 1.3 40.2 60.4#
 89 1.7 62.5 93.7#
 182 0.0 1.8 2.8#

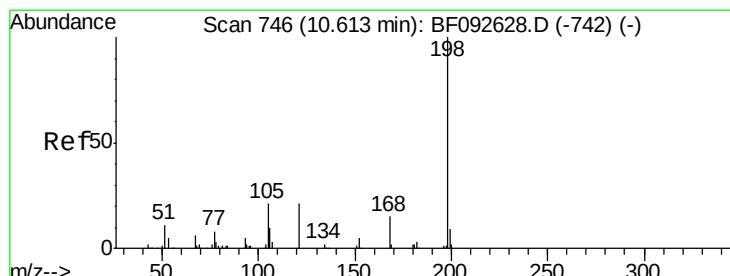
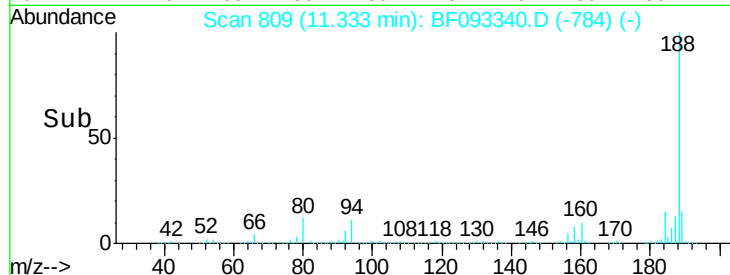
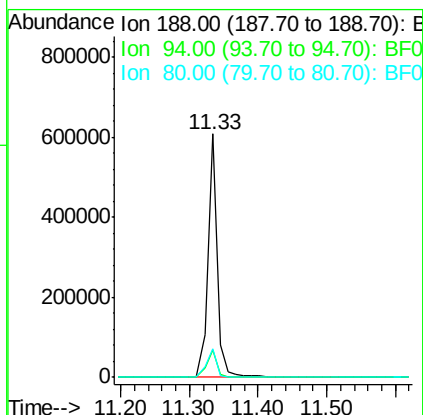
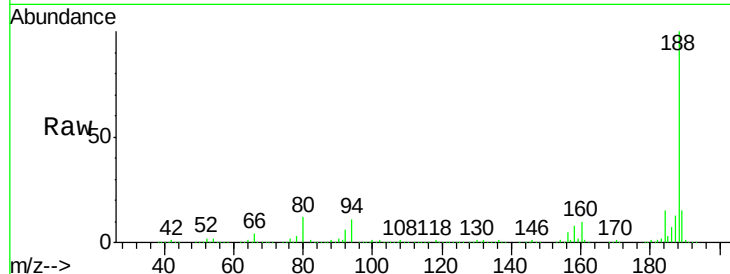




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF093340.D
Acq: 3 Mar 2017 00:12

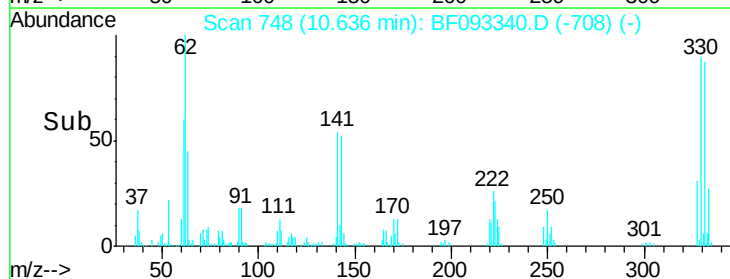
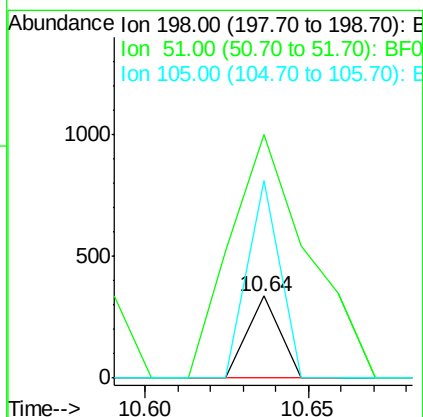
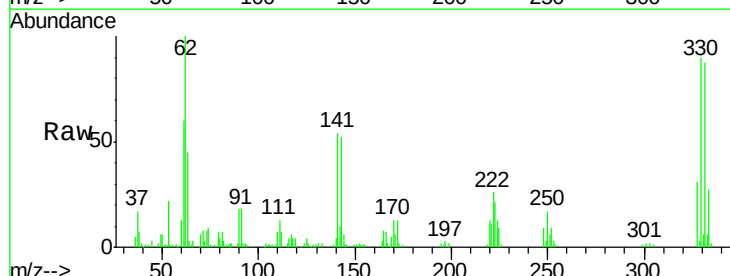
Instrument :
BNA_F
ClientSampleId :
MW-9

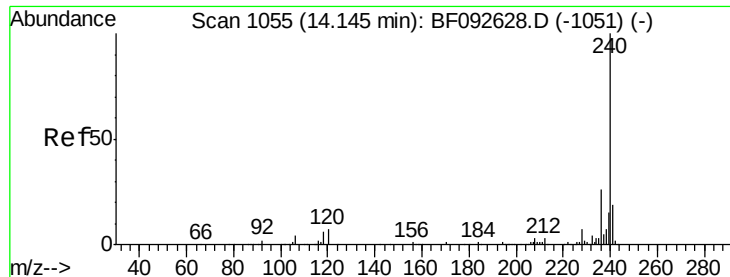
Tgt Ion:188 Resp: 569573
Ion Ratio Lower Upper
188 100
94 11.3 10.0 15.0
80 11.9 11.2 16.8



#64
4,6-Dinitro-2-methylphenol
Concen: 2.73 ng
RT: 10.64 min Scan# 748
Delta R.T. 0.16 min
Lab File: BF093340.D
Acq: 3 Mar 2017 00:12

Tgt Ion:198 Resp: 231
Ion Ratio Lower Upper
198 100
51 296.1 6.7 46.7#
105 240.9 16.6 56.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF093340.D

Acq: 3 Mar 2017 00:12

Instrument :

BNA_F

ClientSampleId :

MW-9

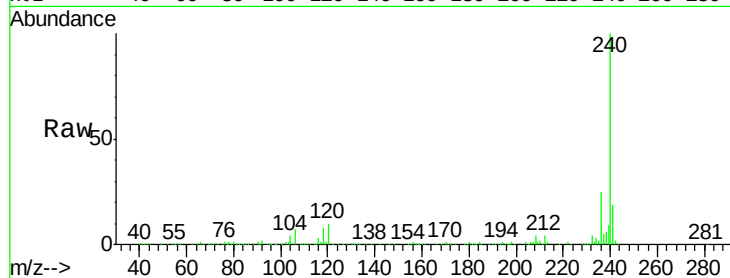
Tgt Ion:240 Resp: 462736

Ion Ratio Lower Upper

240 100

120 10.1 12.9 19.3#

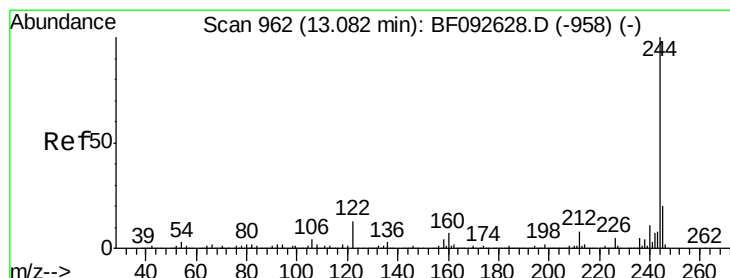
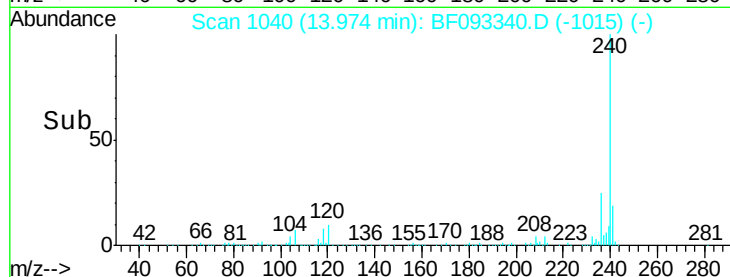
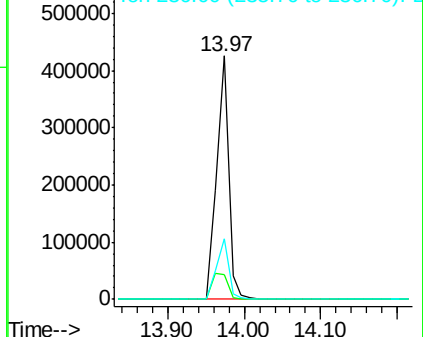
236 25.1 20.9 31.3



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: 74.92 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF093340.D

Acq: 3 Mar 2017 00:12

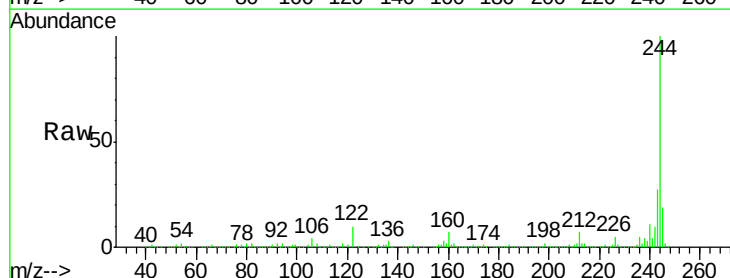
Tgt Ion:244 Resp: 1475419

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

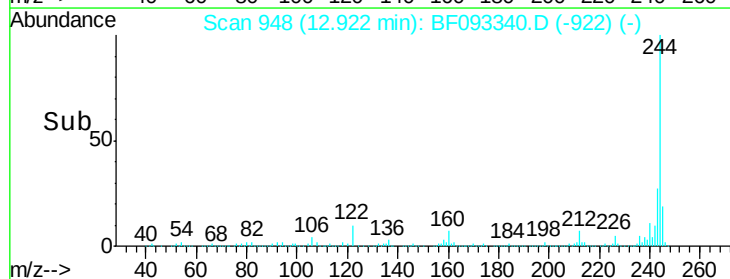
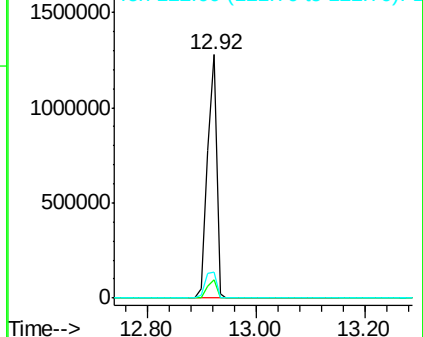
122 10.5 11.4 17.2#

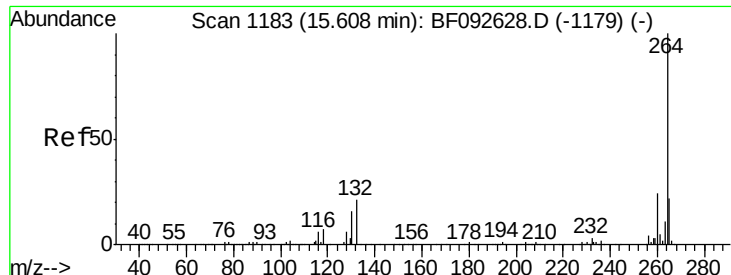


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

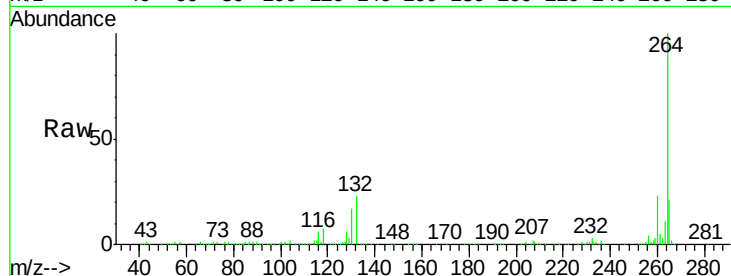




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF093340.D
Acq: 3 Mar 2017 00:12

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion: 264 Resp: 321975
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 21.1 17.4 26.0



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

