

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030217\
 Data File : BF093338.D
 Acq On : 2 Mar 2017 23:18
 Operator : SJ/MA
 Sample : I2054-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3R

Quant Time: Mar 03 00:19:13 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	153719	20.00	ng	-0.06
21) Naphthalene-d8	8.09	136	648206	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	312101	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	563423	20.00	ng	-0.05
75) Chrysene-d12	13.97	240	476539	20.00	ng	-0.05
86) Perylene-d12	15.39	264	309056	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	392888	43.85	ng	-0.06
7) Phenol-d6	6.44	99	342463	29.71	ng	-0.05
23) Nitrobenzene-d5	7.37	82	1032373	88.69	ng	-0.06
41) 2,4,6-Tribromophenol	10.65	330	203381	90.10	ng	-0.03
44) 2-Fluorobiphenyl	9.17	172	1698281	98.58	ng	-0.05
78) Terphenyl-d14	12.92	244	1351888	66.66	ng	-0.05

Target Compounds						Qvalue
6) Aniline	6.48	93	1209	0.08	ng	# 1
8) 2-Chlorophenol	6.58	128	392	0.04	ng	# 1
9) Benzaldehyde	6.44	77	682	0.08	ng	# 1
10) Phenol	6.45	94	28769	2.13	ng	# 80
11) bis(2-Chloroethyl)ether	6.56	93	1040	0.10	ng	# 1
15) Benzyl Alcohol	6.94	79	14616	1.71	ng	# 46
19) n-Nitroso-di-n-propylamine	7.37	70	140243	19.11	ng	# 81
24) Nitrobenzene	7.37	77	2708	0.23	ng	# 40
25) Isophorone	7.37	82	776735	35.81	ng	# 65
31) Naphthalene	8.24	128	396	0.01	ng	# 1
45) 1,1'-Biphenyl	9.28	154	733	0.03	ng	# 42
47) 2-Nitroaniline	9.57	65	645	0.11	ng	# 1
49) Dimethylphthalate	9.57	163	66058	3.14	ng	# 98
50) 2,6-Dinitrotoluene	9.85	165	39250	8.65	ng	# 31
51) Acenaphthene	9.85	154	1031	0.06	ng	# 5
56) 2,4-Dinitrotoluene	9.85	165	39252	6.49	ng	# 20
57) Fluorene	10.64	166	11211	0.60	ng	# 87
59) Diethylphthalate	10.27	149	5931	0.30	ng	# 92
62) Azobenzene	10.57	77	868	0.04	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.64	198	518	2.81	ng	# 1
65) n-Nitrosodiphenylamine	10.64	169	7071	0.39	ng	# 39
66) 4-Bromophenyl-phenylether	10.64	248	14106	2.40	ng	# 1
70) Phenanthrene	11.36	178	906	0.03	ng	# 58
71) Anthracene	11.41	178	1006	0.03	ng	# 59
72) Carbazole	11.56	167	383	0.01	ng	# 33
73) Di-n-butylphthalate	11.89	149	9674	0.29	ng	# 99
74) Fluoranthene	12.56	202	752	0.02	ng	# 18
76) Benzidine	12.69	184	686	0.03	ng	# 1
77) Pyrene	12.78	202	1908	0.05	ng	# 22
79) Butylbenzylphthalate	13.39	149	1167	0.08	ng	# 1
80) Benzo(a)anthracene	13.97	228	4264	0.15	ng	# 69
81) 3,3'-Dichlorobenzidine	14.03	252	213	0.02	ng	# 1
82) Chrysene	13.97	228	4264	0.16	ng	# 67
83) Bis(2-ethylhexyl)phthalate	13.94	149	7371	0.37	ng	# 92

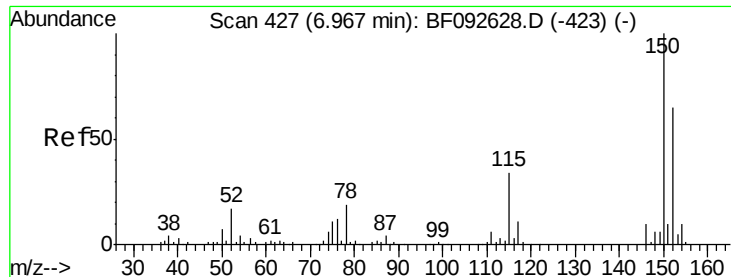
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030217\
Data File : BF093338.D
Acq On : 2 Mar 2017 23:18
Operator : SJ/MA
Sample : I2054-01
Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) Di-n-octyl phthalate	14.56	149	882	0.03	ng	# 1
87) Benzo(b)fluoranthene	15.00	252	768	0.04	ng	# 1
88) Benzo(k)fluoranthene	15.00	252	768	0.04	ng	# 1
89) Benzo(a)pyrene	15.39	252	1090	0.06	ng	# 21

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.06 min

Lab File: BF093338.D

Acq: 2 Mar 2017 23:18

Instrument :

BNA_F

ClientSampleId :

MW-3R

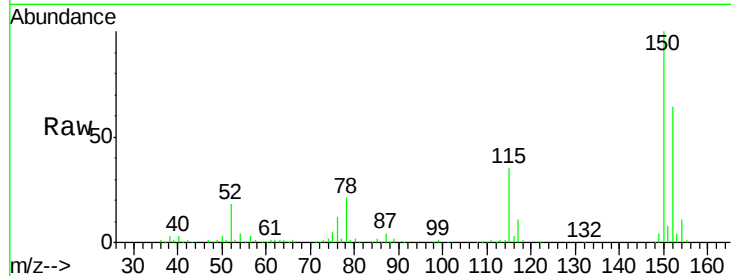
Tgt Ion:152 Resp: 153719

Ion Ratio Lower Upper

152 100

150 156.0 124.9 187.3

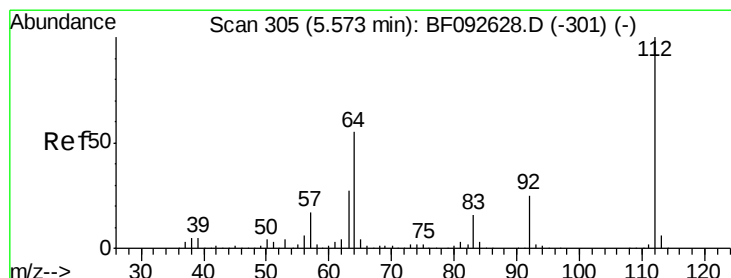
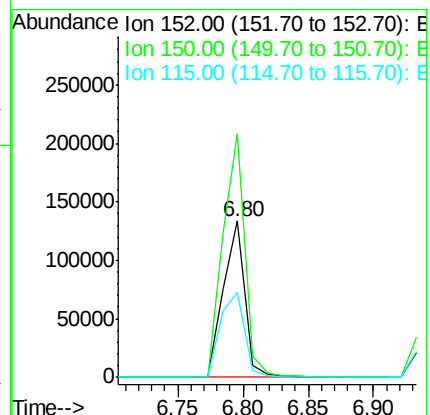
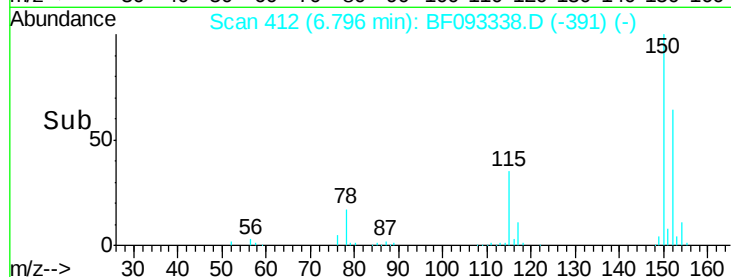
115 54.8 46.0 69.0



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: 43.85 ng

RT: 5.39 min Scan# 289

Delta R.T. -0.06 min

Lab File: BF093338.D

Acq: 2 Mar 2017 23:18

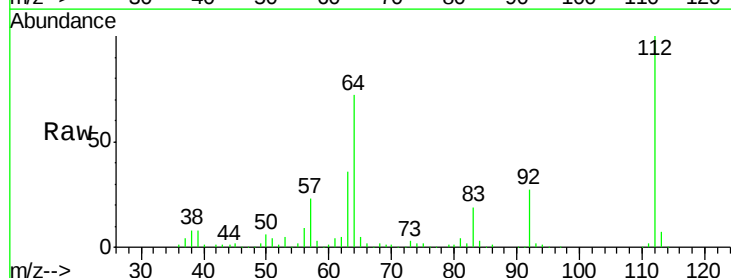
Tgt Ion:112 Resp: 392888

Ion Ratio Lower Upper

112 100

64 72.0 46.1 69.1#

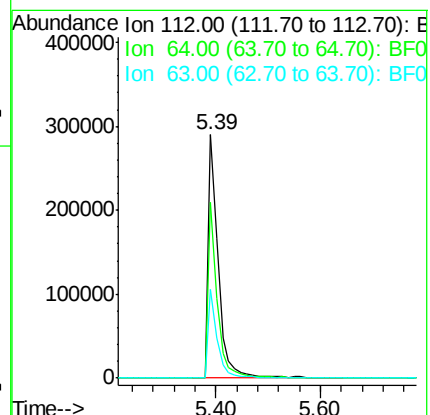
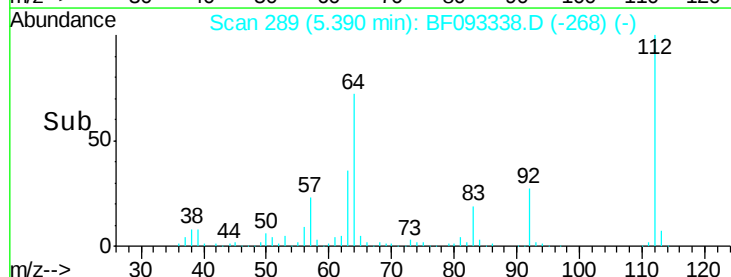
63 36.2 23.8 35.6#

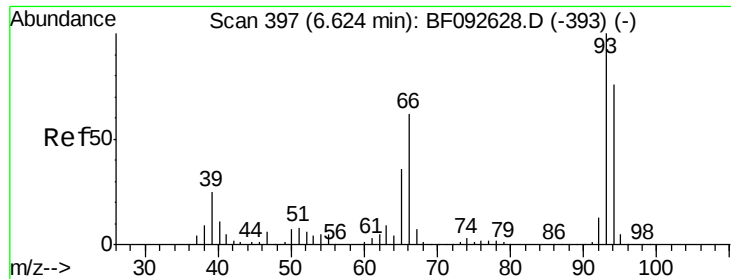


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 0.08 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF093338.D

Acq: 2 Mar 2017 23:18

Instrument :

BNA_F

ClientSampleId :

MW-3R

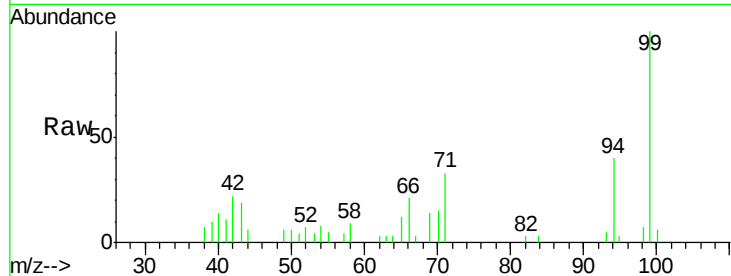
Tgt Ion: 93 Resp: 1209

Ion Ratio Lower Upper

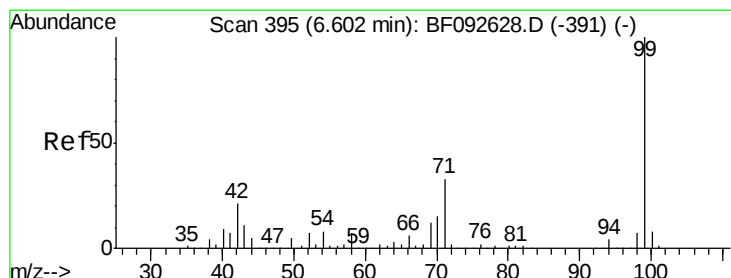
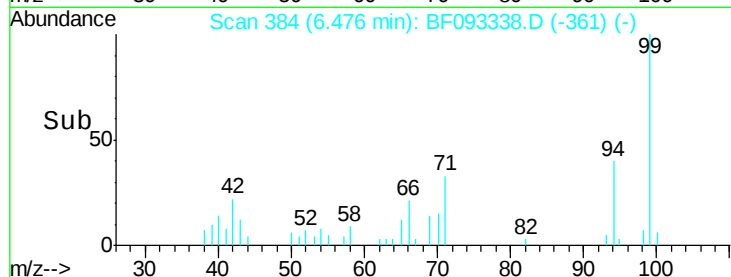
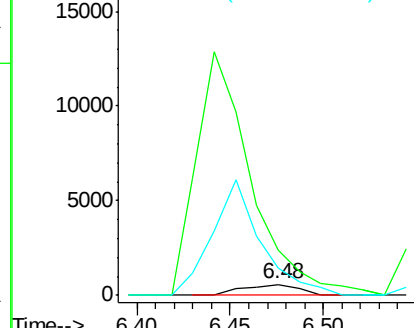
93 100

66 406.4 76.2 114.2#

65 240.0 49.3 73.9#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 29.71 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.05 min

Lab File: BF093338.D

Acq: 2 Mar 2017 23:18

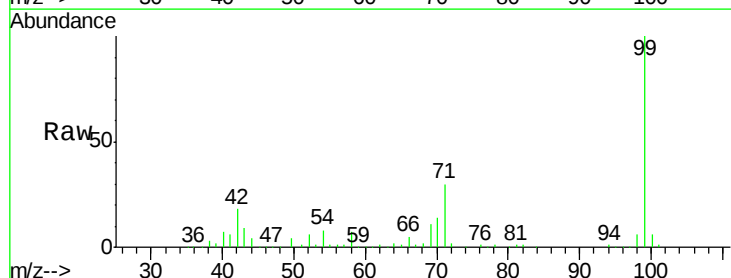
Tgt Ion: 99 Resp: 342463

Ion Ratio Lower Upper

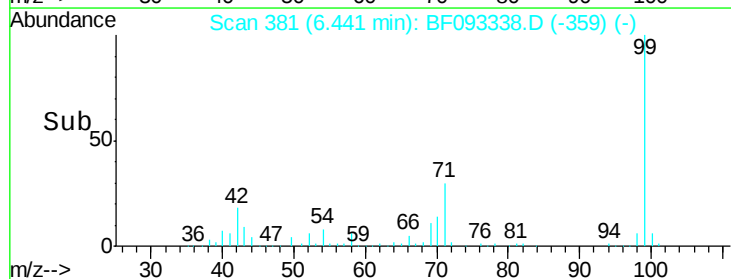
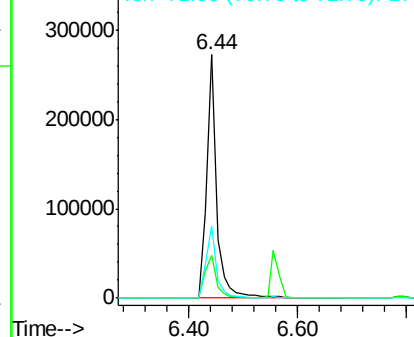
99 100

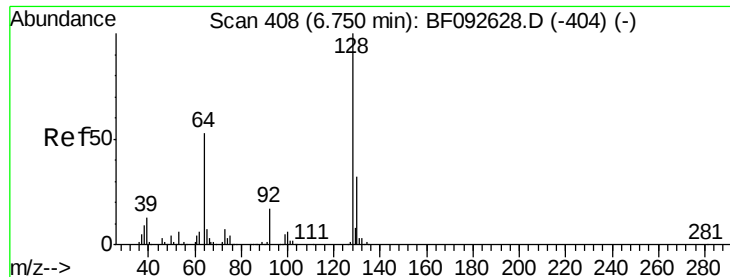
42 17.5 15.6 23.4

71 29.7 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





#8

2-Chlorophenol

Concen: 0.04 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.06 min

Lab File: BF093338.D

Acq: 2 Mar 2017 23:18

Instrument :

BNA_F

ClientSampleId :

MW-3R

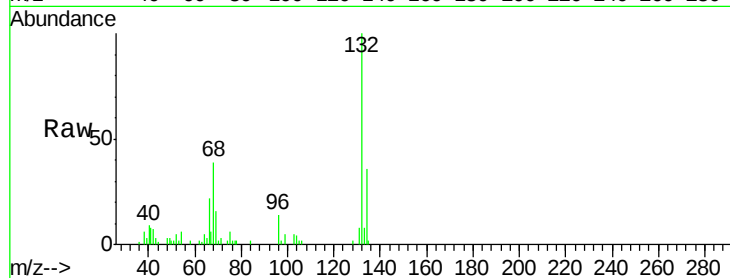
Tgt Ion:128 Resp: 392

Ion Ratio Lower Upper

128 100

130 0.0 12.3 52.3#

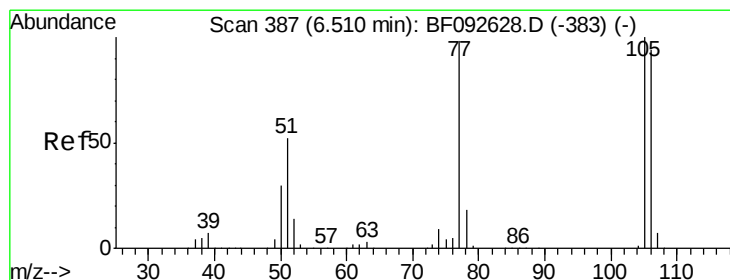
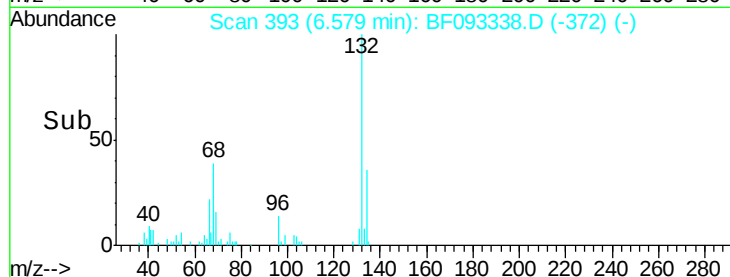
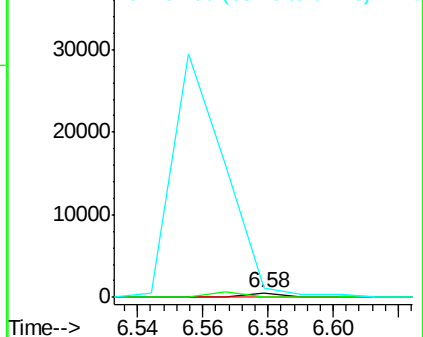
64 202.1 32.2 72.2#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



#9

Benzaldehyde

Concen: 0.08 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.05 min

Lab File: BF093338.D

Acq: 2 Mar 2017 23:18

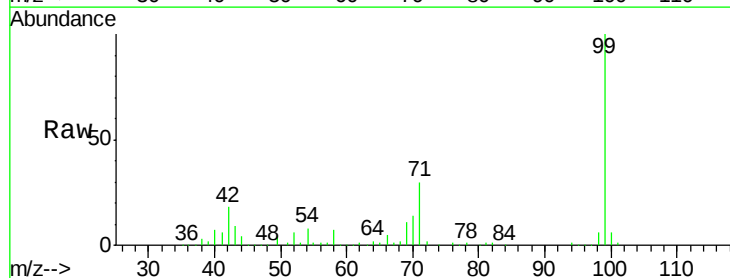
Tgt Ion: 77 Resp: 682

Ion Ratio Lower Upper

77 100

105 0.0 83.9 123.9#

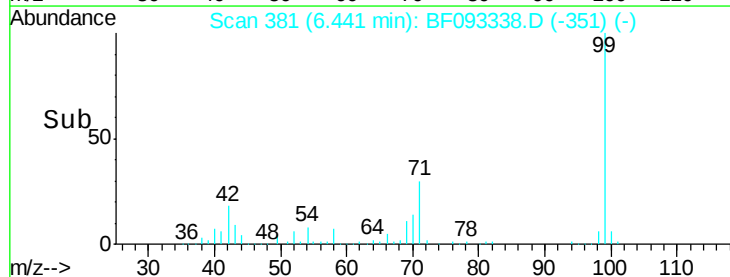
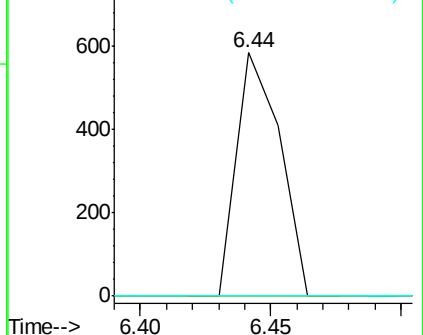
106 0.0 77.6 117.6#

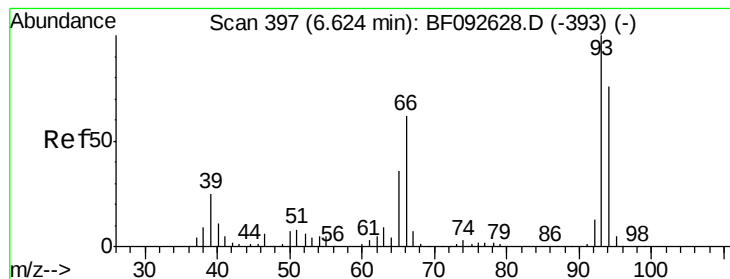


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.13 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.06 min

Lab File: BF093338.D

Acq: 2 Mar 2017 23:18

Instrument :

BNA_F

ClientSampleId :

MW-3R

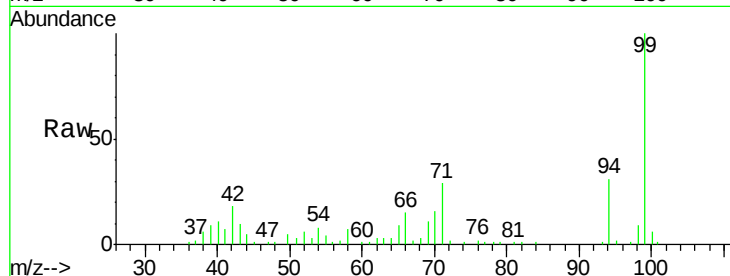
Tgt Ion: 94 Resp: 28769

Ion Ratio Lower Upper

94 100

65 30.2 21.4 61.4

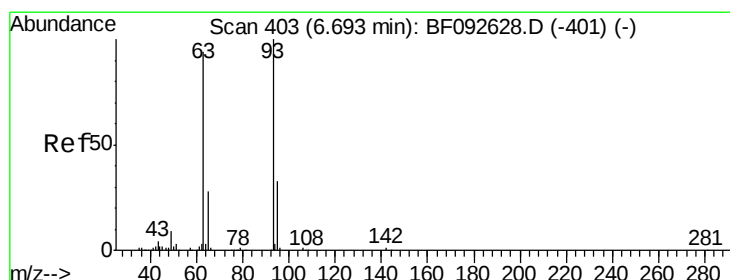
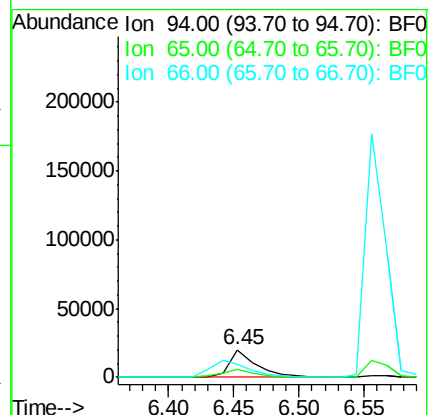
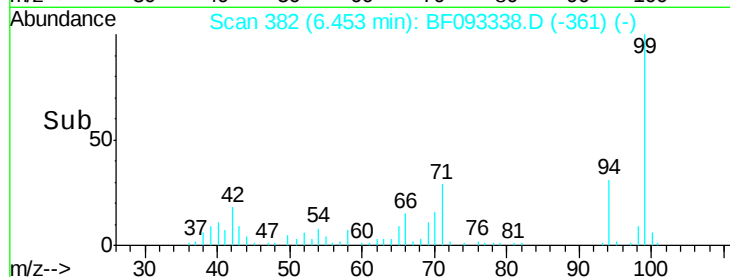
66 47.9 44.0 84.0



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



#11

bis(2-Chloroethyl)ether

Concen: 0.10 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.03 min

Lab File: BF093338.D

Acq: 2 Mar 2017 23:18

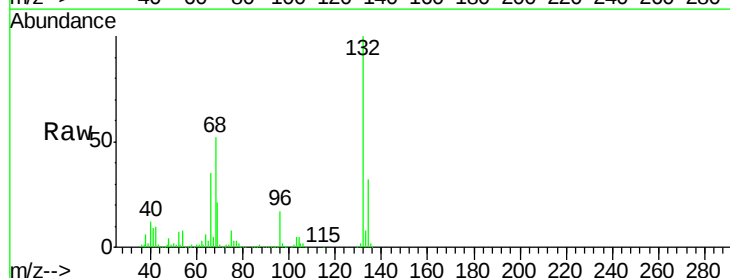
Tgt Ion: 93 Resp: 1040

Ion Ratio Lower Upper

93 100

63 779.1 60.4 100.4#

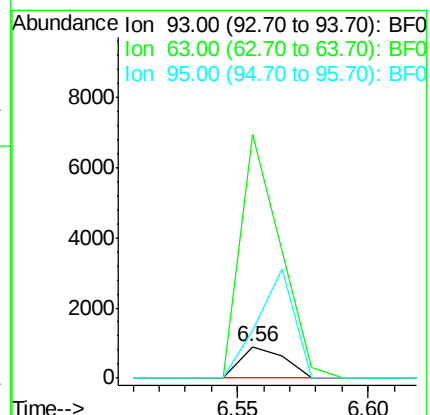
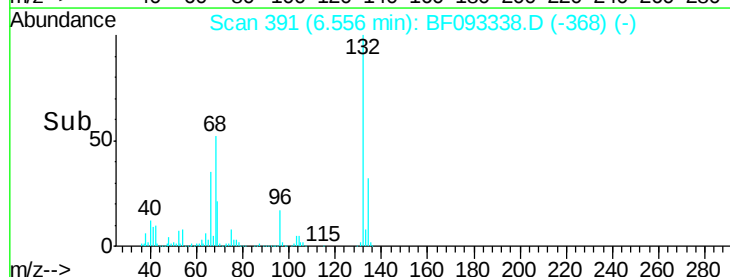
95 154.0 12.8 52.8#

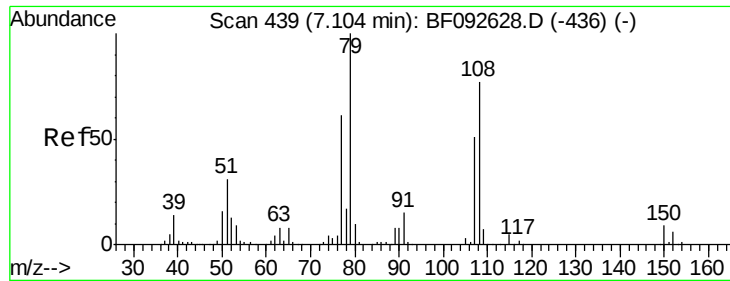


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

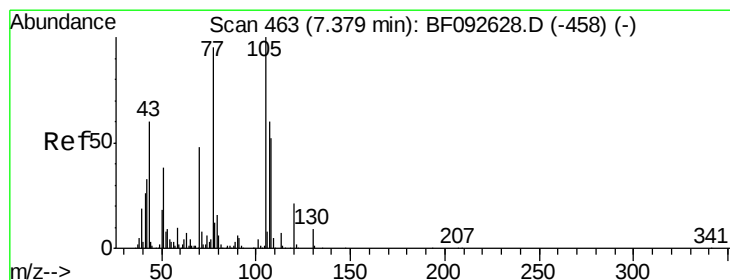
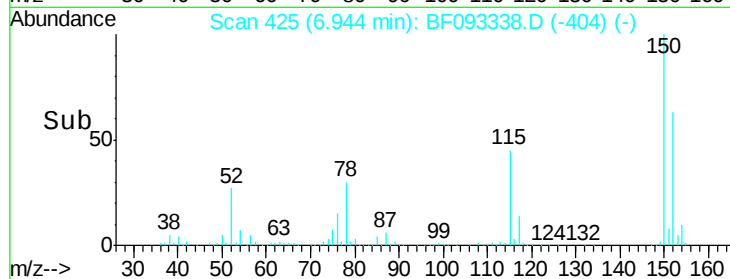
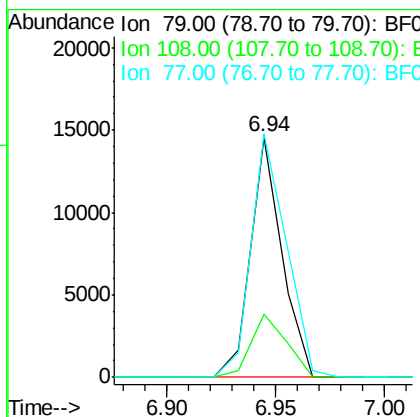
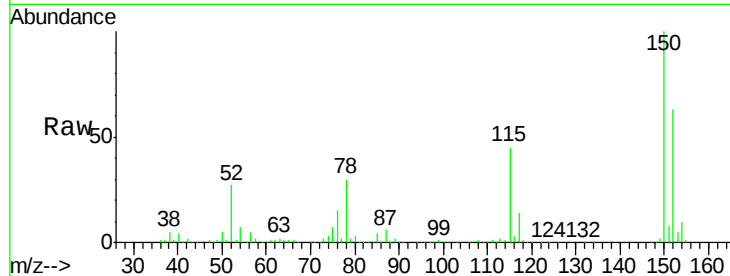




#15
Benzyl Alcohol
Concen: 1.71 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.06 min
Lab File: BF093338.D
Acq: 2 Mar 2017 23:18

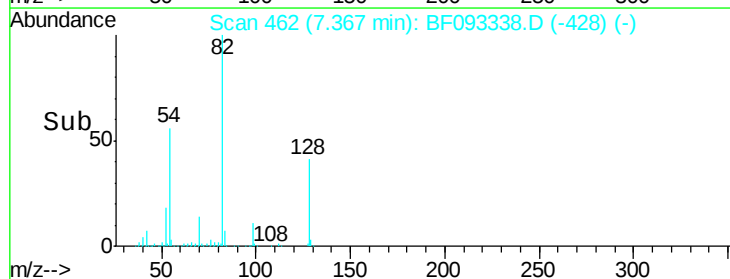
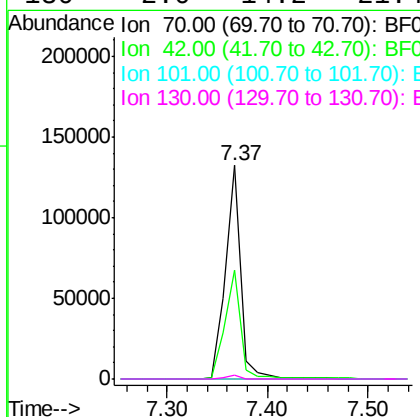
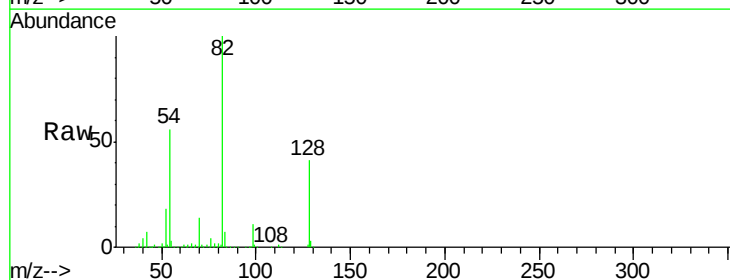
Instrument :
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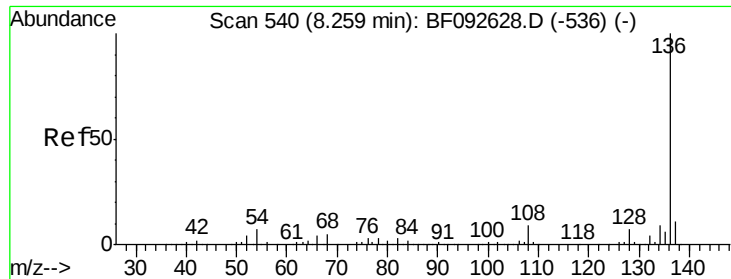
Tgt Ion: 79 Resp: 14616
Ion Ratio Lower Upper
79 100
108 26.6 61.4 92.0#
77 101.4 50.9 76.3#



#19
n-Nitroso-di-n-propylamine
Concen: 19.11 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.09 min
Lab File: BF093338.D
Acq: 2 Mar 2017 23:18

Tgt Ion: 70 Resp: 140243
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#

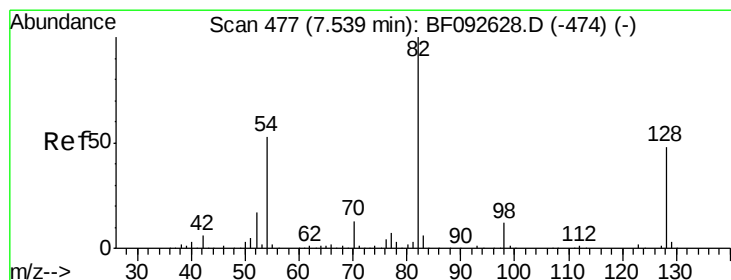
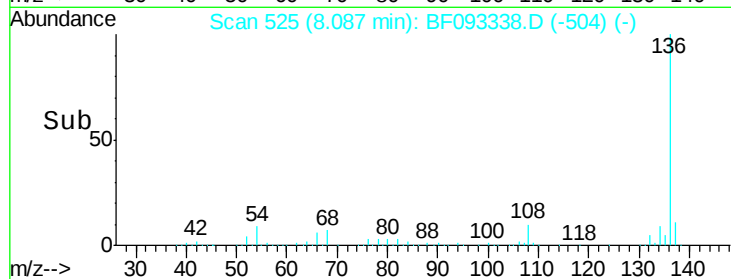
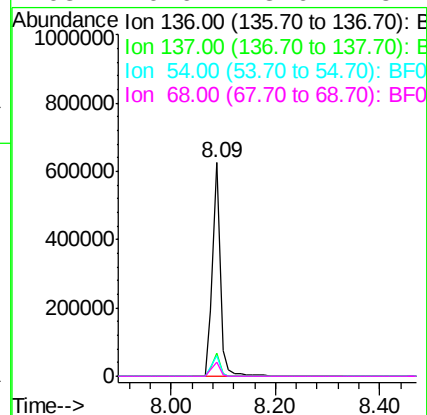
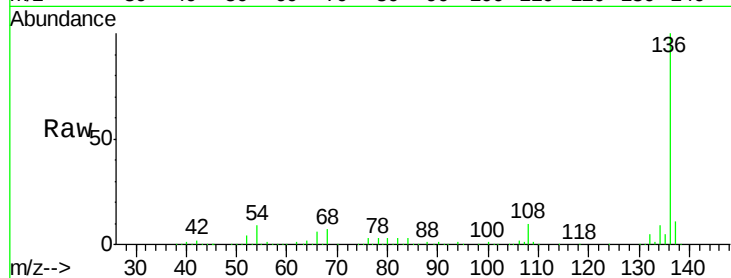




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF093338.D
Acq: 2 Mar 2017 23:18

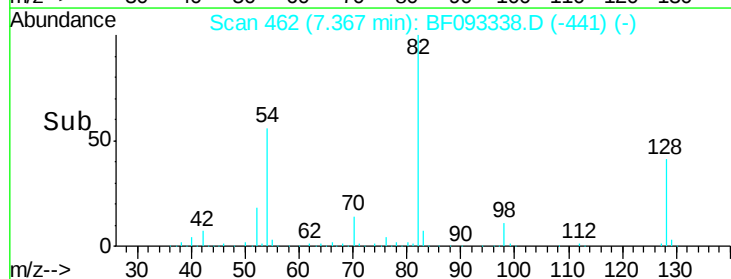
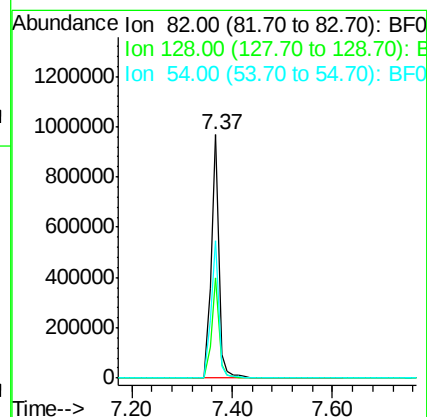
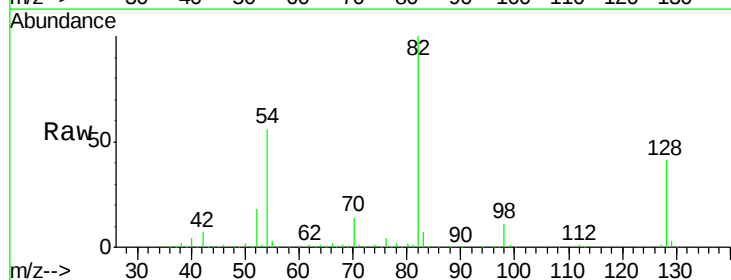
Instrument :
BNA_F
ClientSampled :
MW-3R

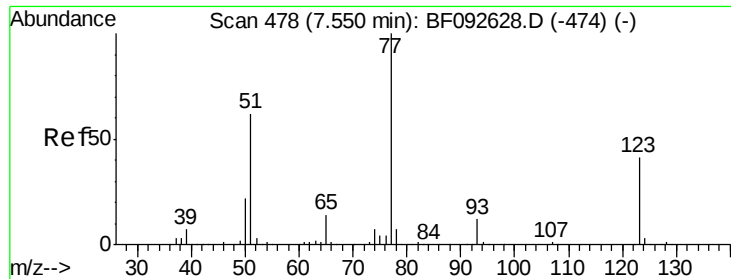
Tgt Ion:	136	Resp:	648206
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	9.3	4.5	6.7#
68	6.6	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 88.69 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.06 min
Lab File: BF093338.D
Acq: 2 Mar 2017 23:18

Tgt Ion:	82	Resp:	1032373
Ion	Ratio	Lower	Upper
82	100		
128	40.9	34.6	52.0
54	56.3	39.5	59.3

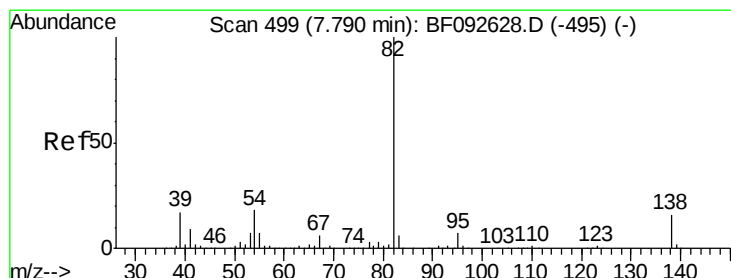
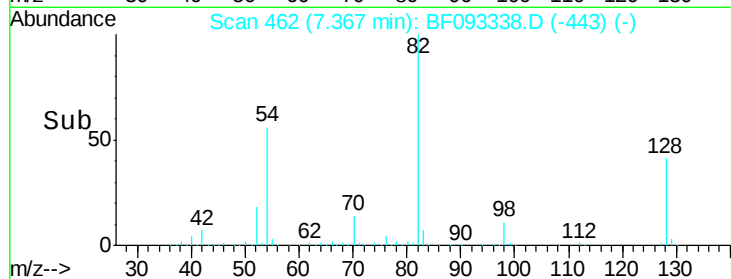
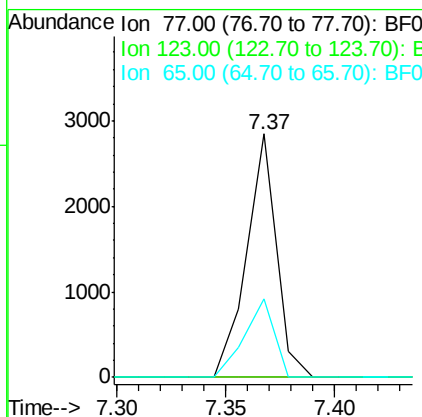
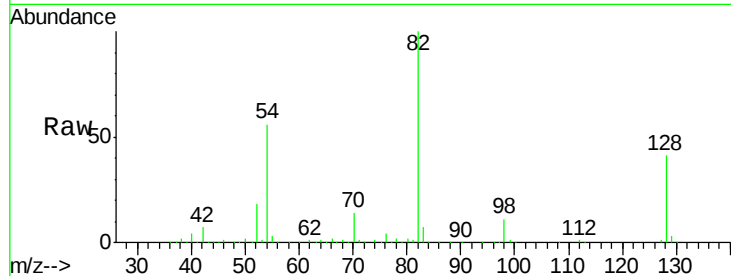




#24
 Nitrobenzene
 Concen: 0.23 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.08 min
 Lab File: BF093338.D
 Acq: 2 Mar 2017 23:18

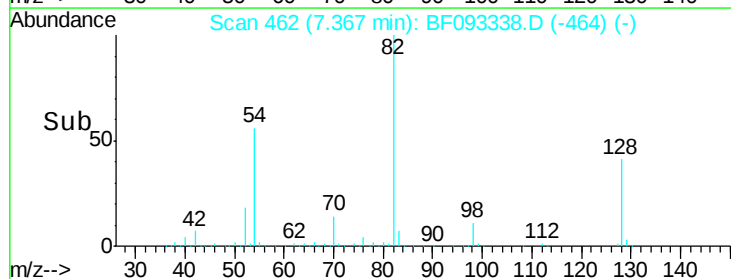
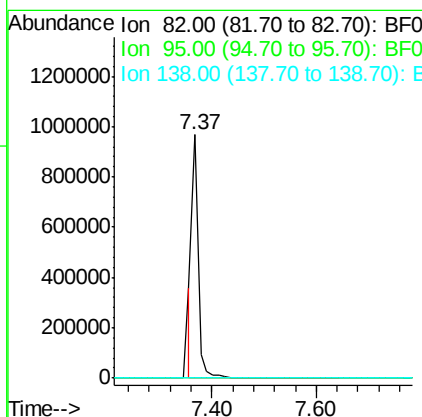
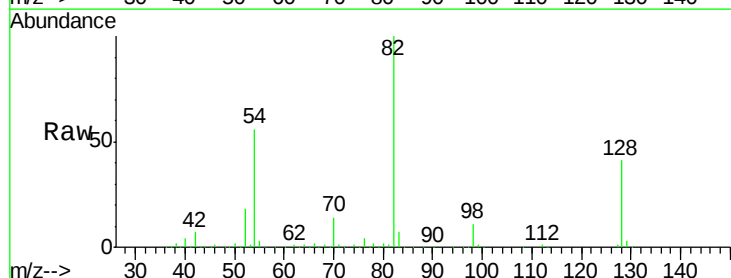
Instrument :
 BNA_F
 ClientSampleId :
 MW-3R

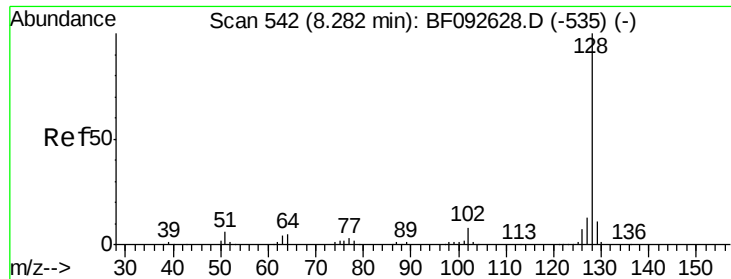
Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.4#
65	32.1	11.2	16.8#



#25
 Isophorone
 Concen: 35.81 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.32 min
 Lab File: BF093338.D
 Acq: 2 Mar 2017 23:18

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

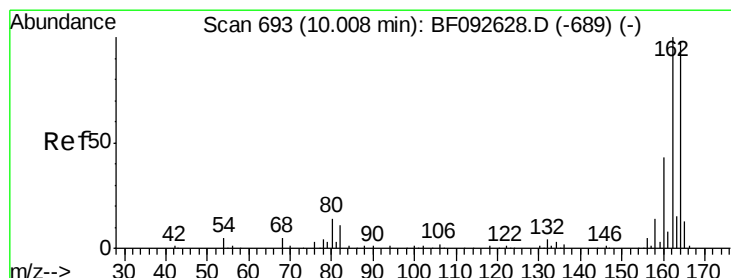
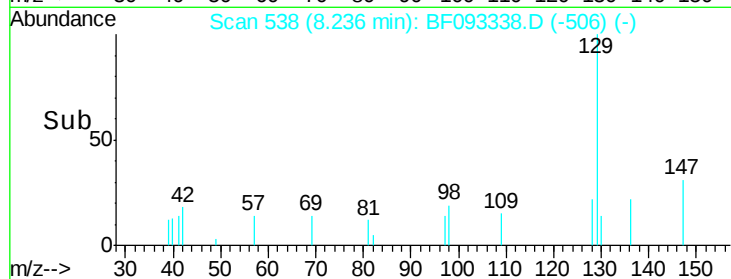
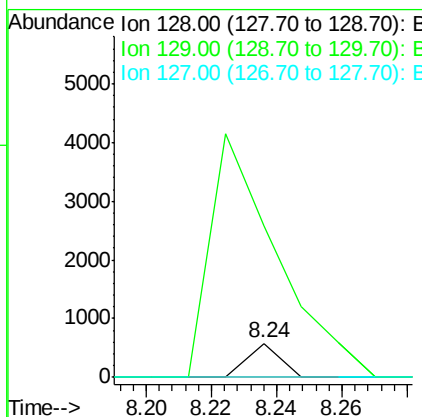
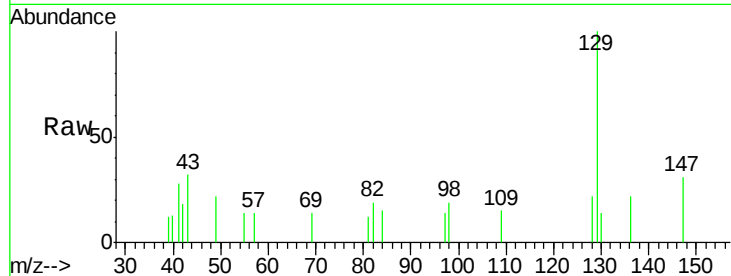




#31
Naphthalene
Concen: 0.01 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.07 min
Lab File: BF093338.D
Acq: 2 Mar 2017 23:18

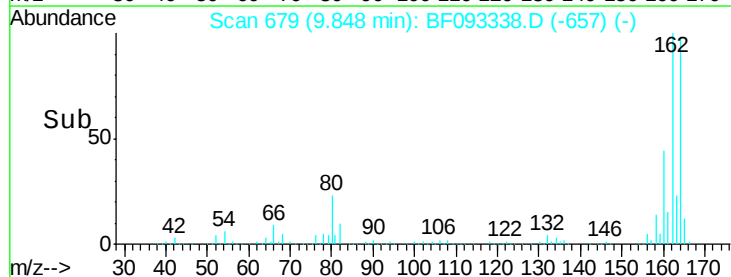
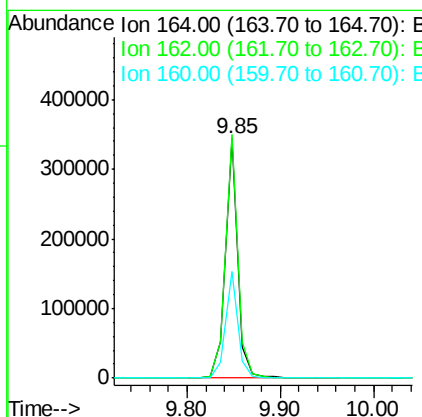
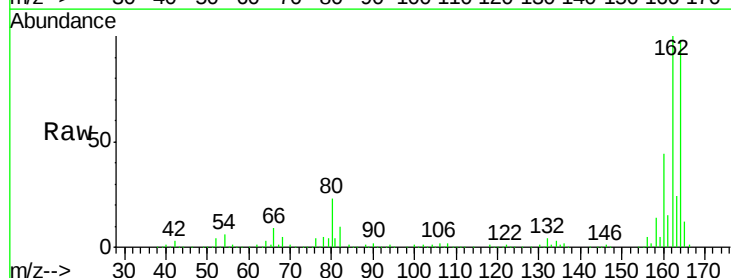
Instrument :
BNA_F
ClientSampled :
MW-3R

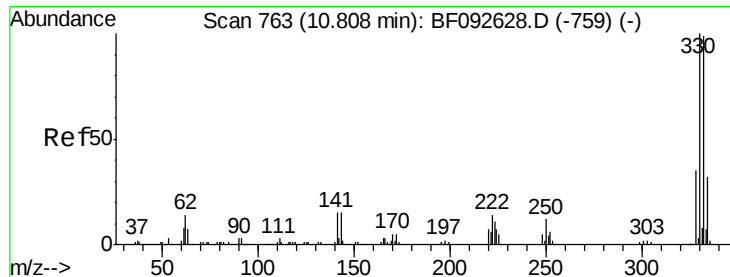
Tgt Ion:128 Resp: 396
Ion Ratio Lower Upper
128 100
129 445.2 9.5 14.3#
127 0.0 10.8 16.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF093338.D
Acq: 2 Mar 2017 23:18

Tgt Ion:164 Resp: 312101
Ion Ratio Lower Upper
164 100
162 101.7 80.2 120.2
160 44.6 36.9 55.3

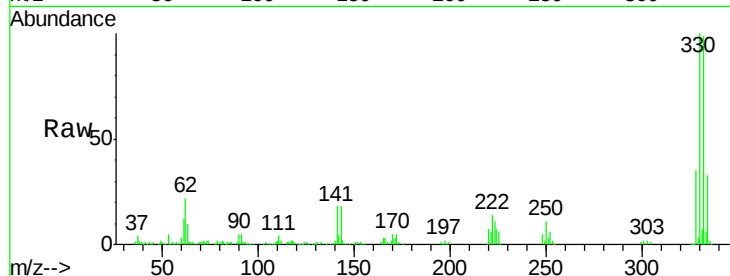




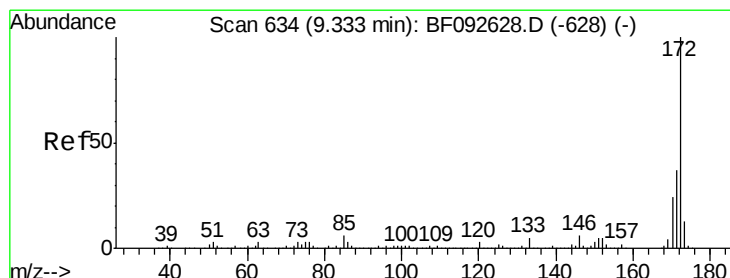
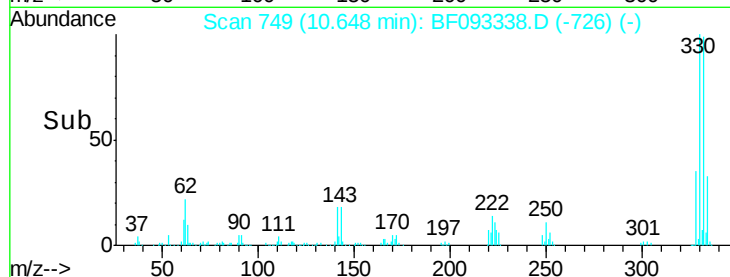
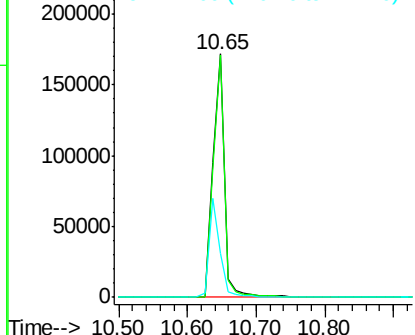
#41
 2,4,6-Tribromophenol
 Concen: 90.10 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.03 min
 Lab File: BF093338.D
 Acq: 2 Mar 2017 23:18

Instrument :
 BNA_F
 ClientSampleId :
 MW-3R

Tgt Ion:330 Resp: 203381
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.4 116.2
 141 37.9 34.1 51.1

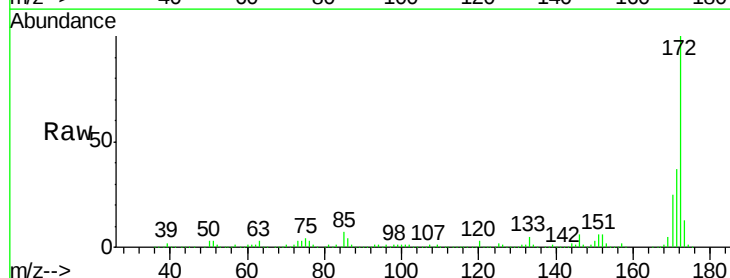


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

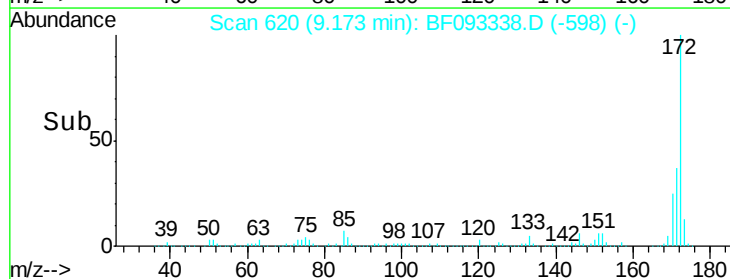
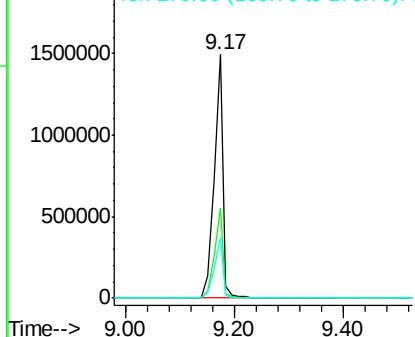


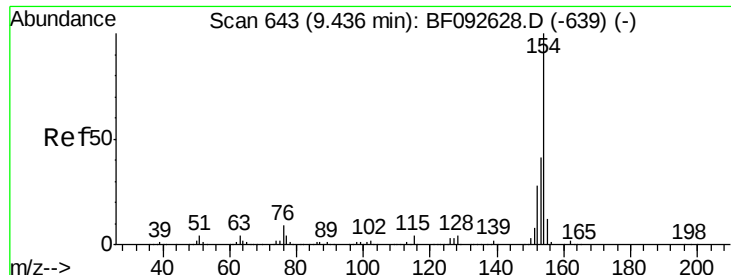
#44
 2-Fluorobiphenyl
 Concen: 98.58 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF093338.D
 Acq: 2 Mar 2017 23:18

Tgt Ion:172 Resp: 1698281
 Ion Ratio Lower Upper
 172 100
 171 36.8 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





#45

1,1'-Biphenyl

Concen: 0.03 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.05 min

Lab File: BF093338.D

Acq: 2 Mar 2017 23:18

Instrument :

BNA_F

ClientSampled :

MW-3R

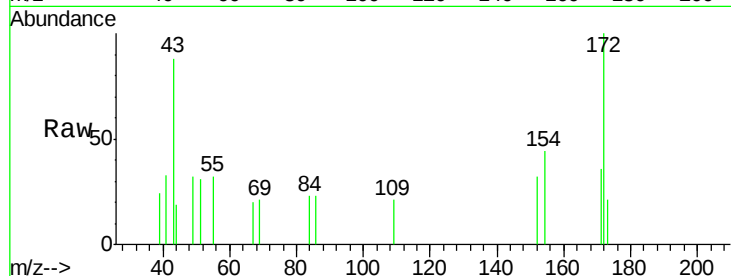
Tgt Ion:154 Resp: 733

Ion Ratio Lower Upper

154 100

153 0.0 20.9 60.9#

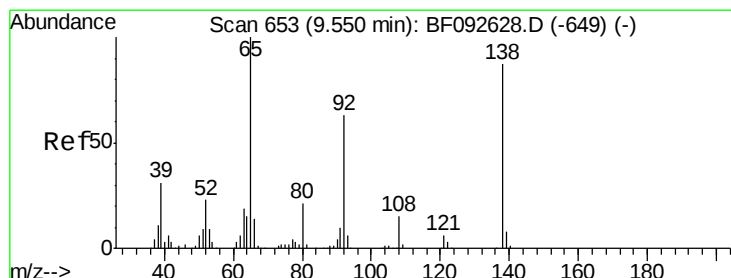
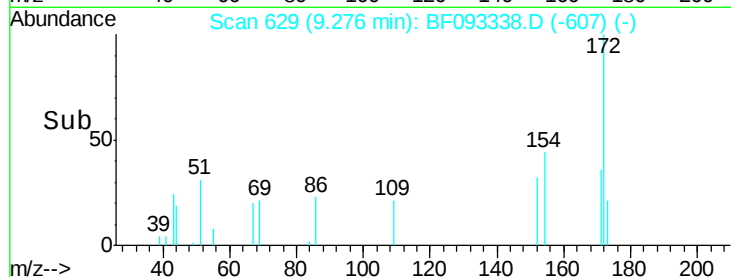
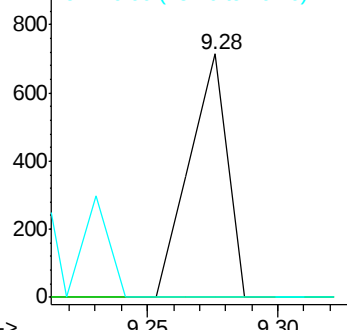
76 0.0 0.0 30.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#47

2-Nitroaniline

Concen: 0.11 ng

RT: 9.57 min Scan# 655

Delta R.T. 0.13 min

Lab File: BF093338.D

Acq: 2 Mar 2017 23:18

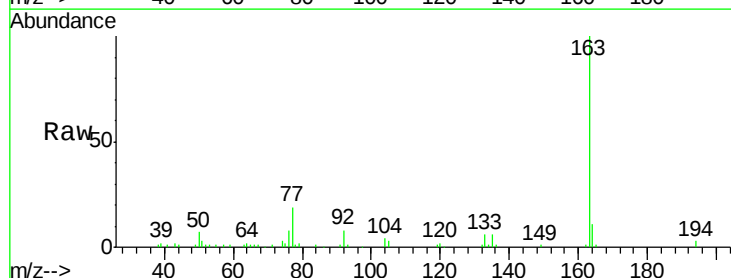
Tgt Ion: 65 Resp: 645

Ion Ratio Lower Upper

65 100

92 869.4 53.9 80.9#

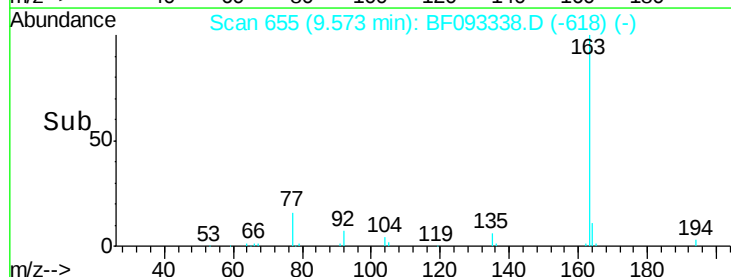
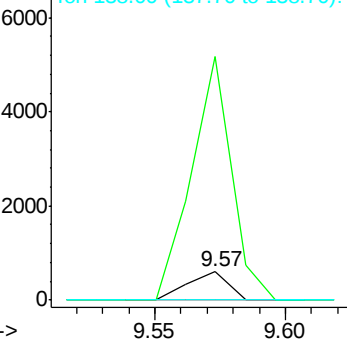
138 0.0 76.8 115.2#

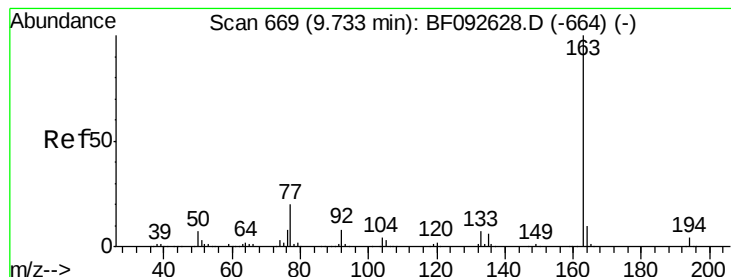


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#49

Dimethylphthalate

Concen: 3.14 ng

RT: 9.57 min Scan# 655

Delta R.T. -0.05 min

Lab File: BF093338.D

Acq: 2 Mar 2017 23:18

Instrument :

BNA_F

ClientSampleId :

MW-3R

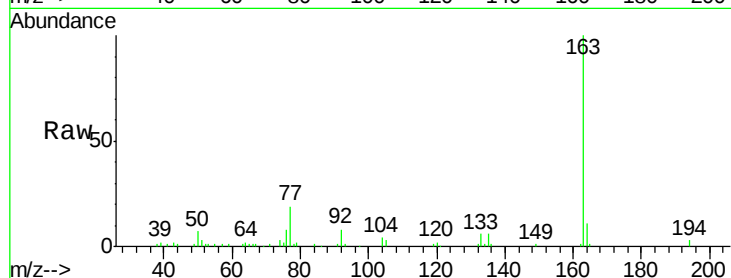
Tgt Ion:163 Resp: 66058

Ion Ratio Lower Upper

163 100

194 3.1 3.0 4.4

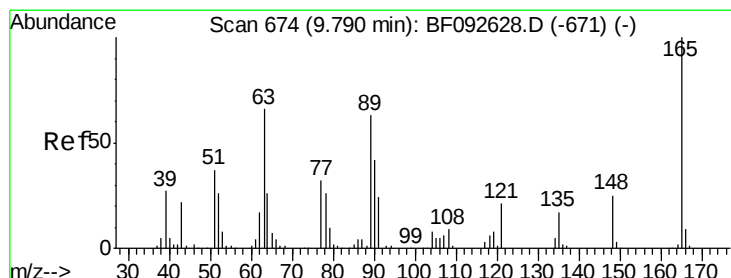
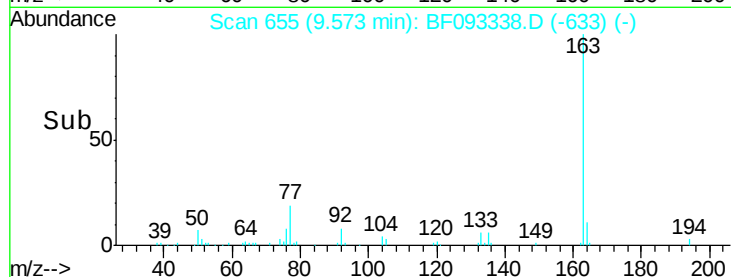
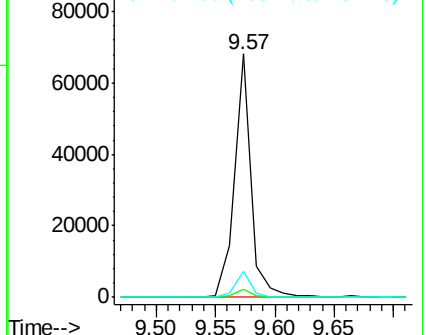
164 10.8 8.0 12.0



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: 8.65 ng

RT: 9.85 min Scan# 679

Delta R.T. 0.16 min

Lab File: BF093338.D

Acq: 2 Mar 2017 23:18

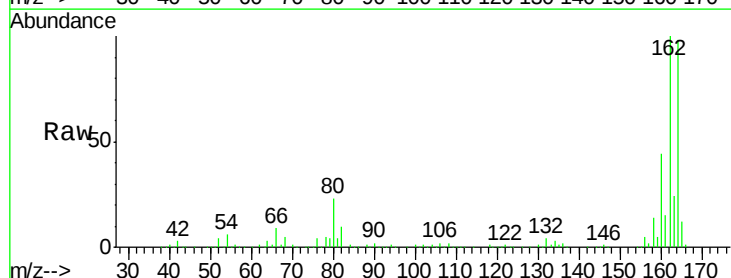
Tgt Ion:165 Resp: 39250

Ion Ratio Lower Upper

165 100

63 1.4 36.2 54.4#

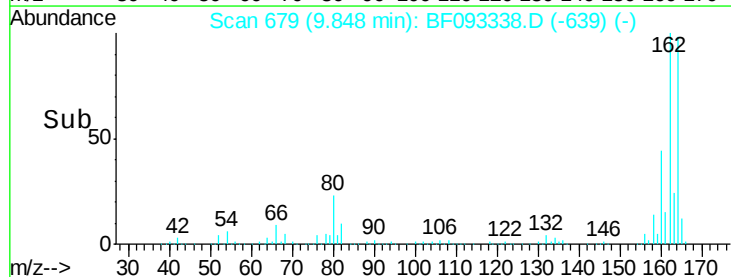
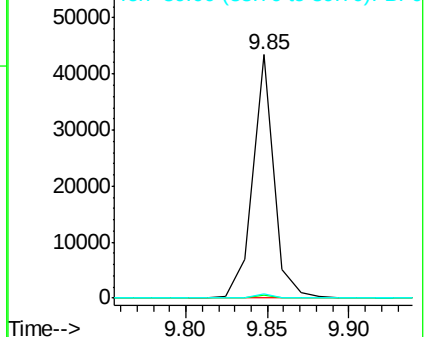
89 1.8 40.2 60.4#

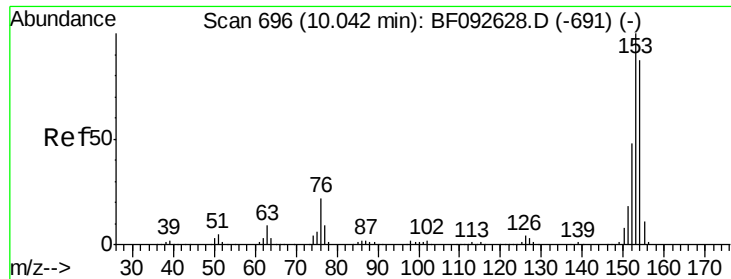


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 0.06 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.08 min

Lab File: BF093338.D

Acq: 2 Mar 2017 23:18

Instrument :

BNA_F

ClientSampleId :

MW-3R

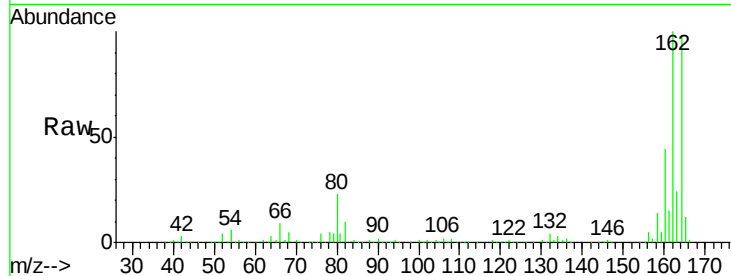
Tgt Ion:154 Resp: 1031

Ion Ratio Lower Upper

154 100

153 0.0 88.6 133.0#

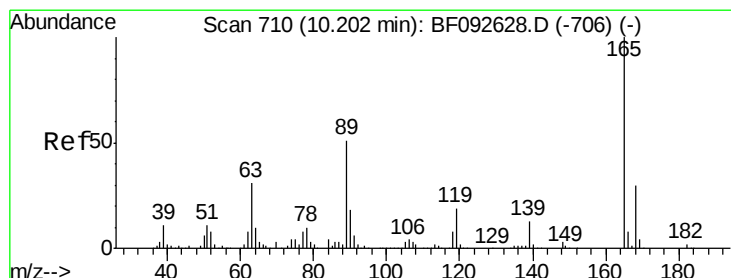
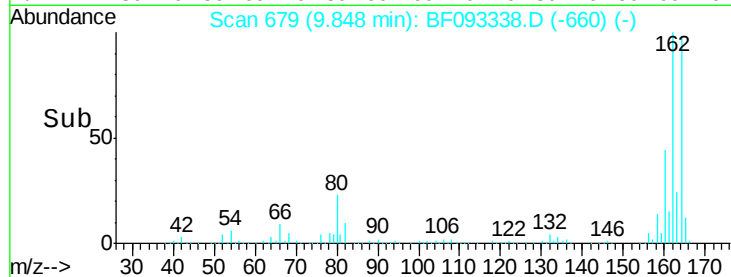
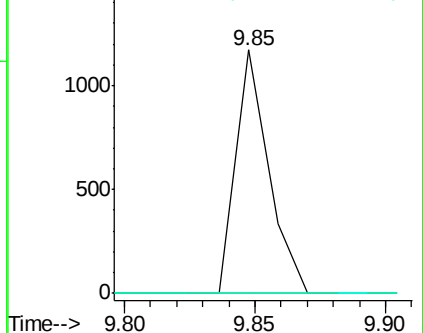
152 0.0 41.6 62.4#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#56

2,4-Dinitrotoluene

Concen: 6.49 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.24 min

Lab File: BF093338.D

Acq: 2 Mar 2017 23:18

Tgt Ion:165 Resp: 39252

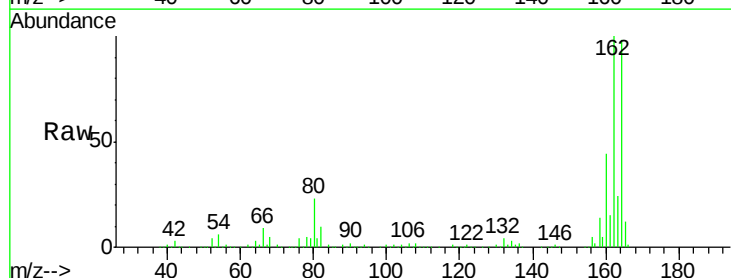
Ion Ratio Lower Upper

165 100

63 1.4 40.2 60.4#

89 1.8 62.5 93.7#

182 0.0 1.8 2.8#

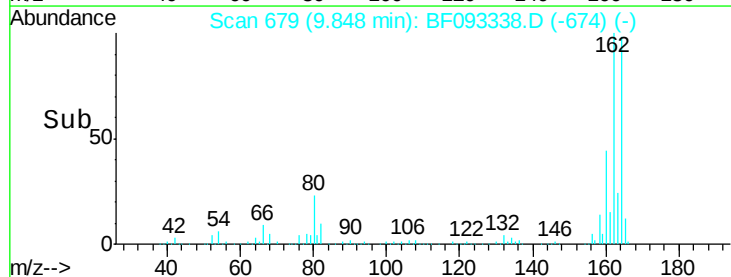
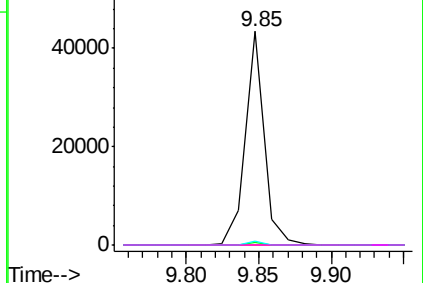


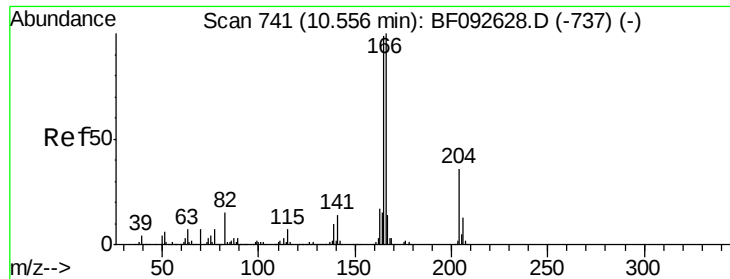
Abundance Ion 165.00 (164.70 to 165.70): E

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





#57

Fluorene

Concen: 0.60 ng

RT: 10.64 min Scan# 748

Delta R.T. 0.19 min

Lab File: BF093338.D

Acq: 2 Mar 2017 23:18

Instrument :

BNA_F

ClientSampleId :

MW-3R

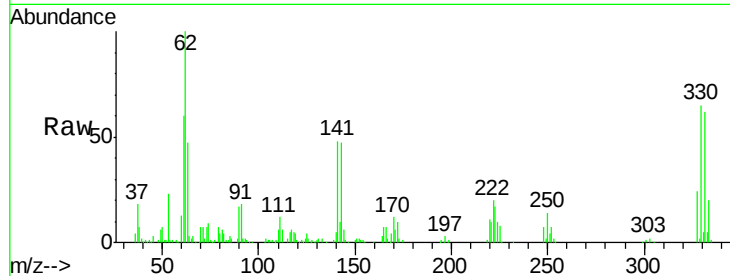
Tgt Ion:166 Resp: 11211

Ion Ratio Lower Upper

166 100

165 104.2 77.8 116.8

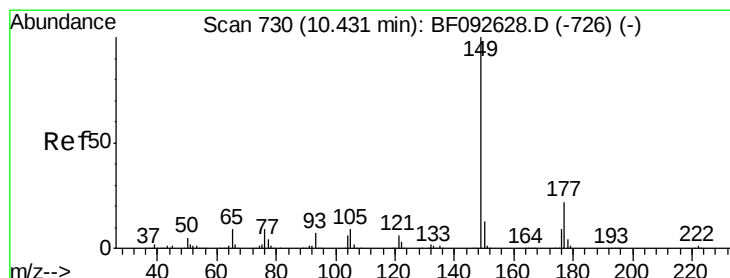
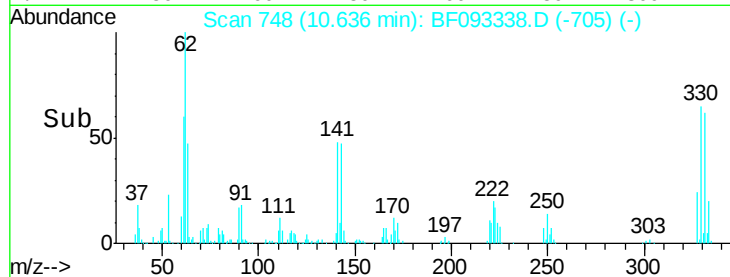
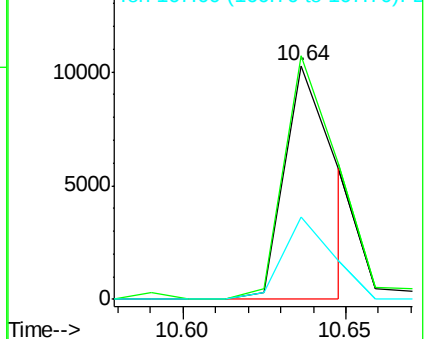
167 35.2 10.8 16.2#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

Diethylphthalate

Concen: 0.30 ng

RT: 10.27 min Scan# 716

Delta R.T. -0.05 min

Lab File: BF093338.D

Acq: 2 Mar 2017 23:18

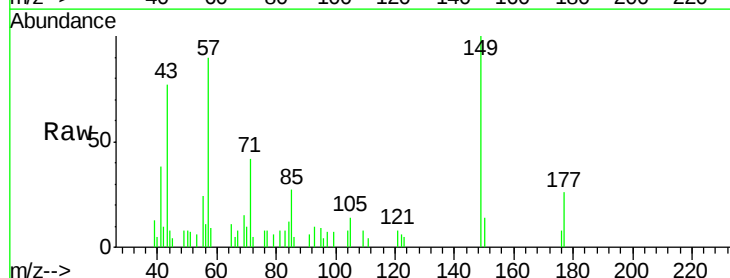
Tgt Ion:149 Resp: 5931

Ion Ratio Lower Upper

149 100

177 26.2 16.6 25.0#

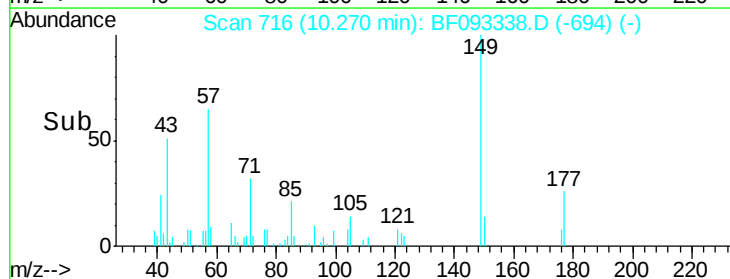
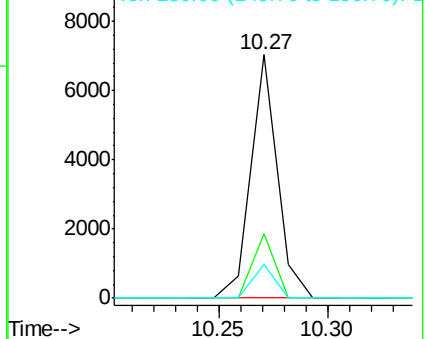
150 13.6 10.4 15.6

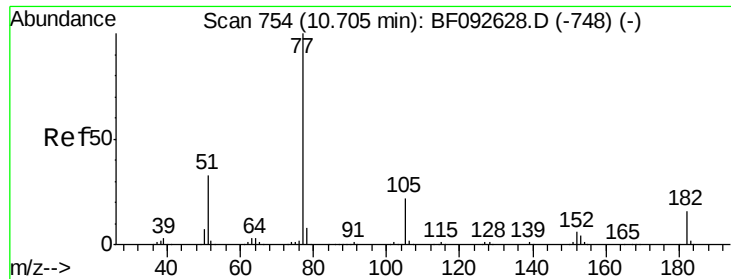


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

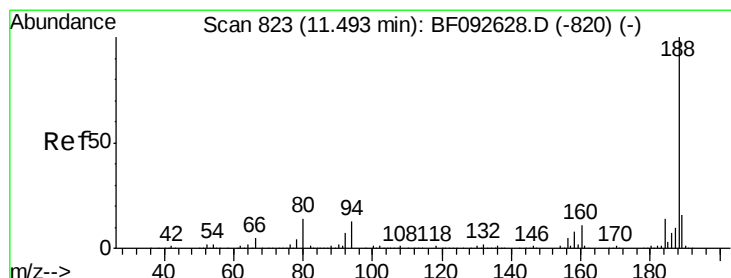
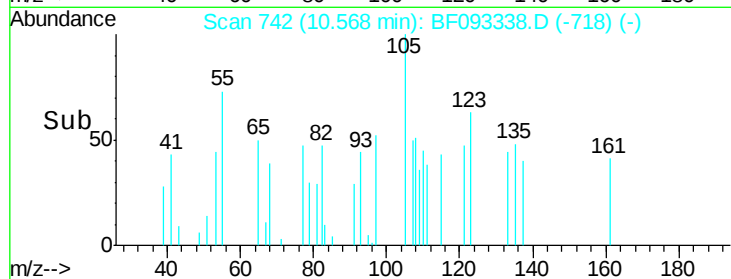
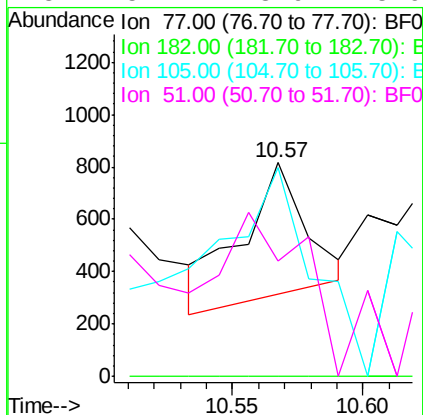
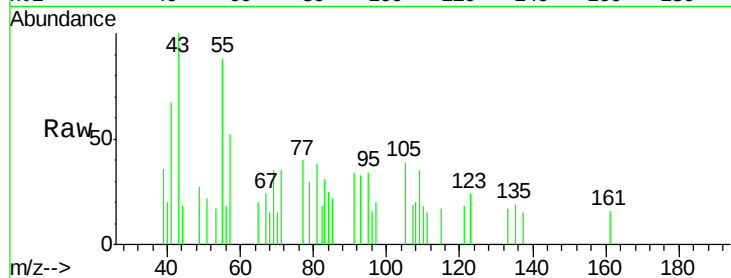




#62
Azobenzene
Concen: 0.04 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.02 min
Lab File: BF093338.D
Acq: 2 Mar 2017 23:18

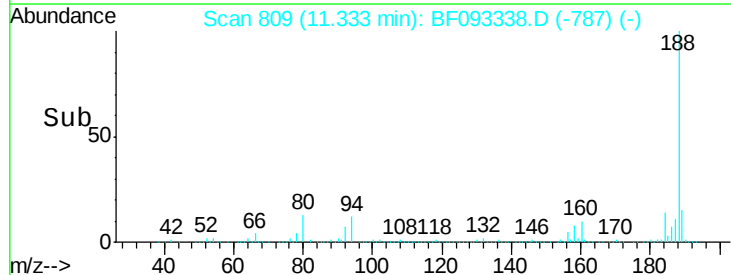
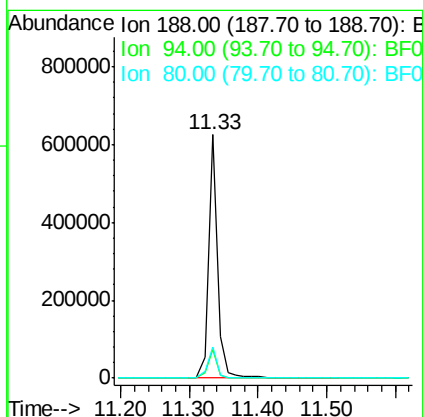
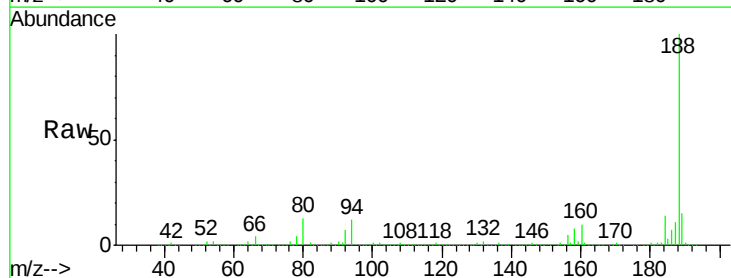
Instrument :
BNA_F
ClientSampleId :
MW-3R

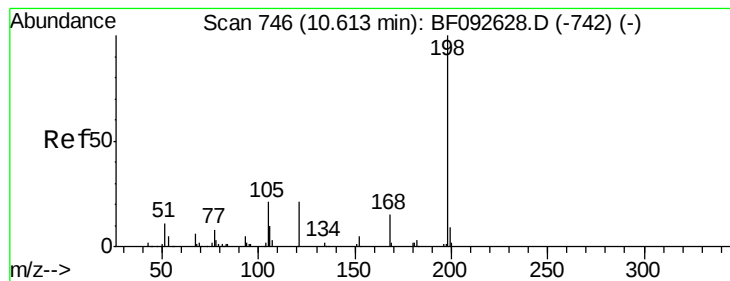
Tgt Ion: 77 Resp: 868
Ion Ratio Lower Upper
77 100
182 0.0 0.0 39.3
105 98.0 2.3 42.3#
51 54.2 8.9 48.9#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF093338.D
Acq: 2 Mar 2017 23:18

Tgt Ion: 188 Resp: 563423
Ion Ratio Lower Upper
188 100
94 11.9 10.0 15.0
80 12.7 11.2 16.8





#64

4,6-Dinitro-2-methylphenol

Concen: 2.81 ng

RT: 10.64 min Scan# 748

Delta R.T. 0.14 min

Lab File: BF093338.D

Acq: 2 Mar 2017 23:18

Instrument :

BNA_F

ClientSampleId :

MW-3R

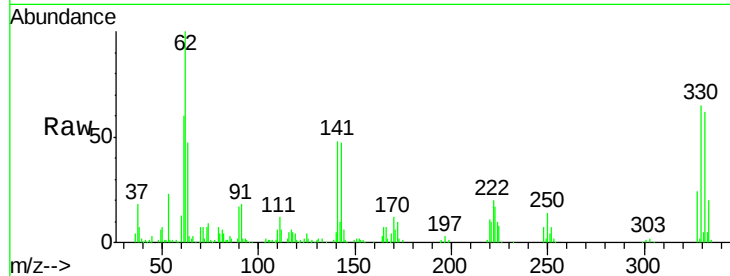
Tgt Ion:198 Resp: 518

Ion Ratio Lower Upper

198 100

51 317.0 6.7 46.7#

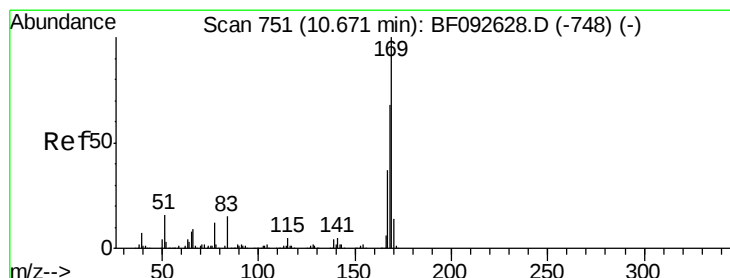
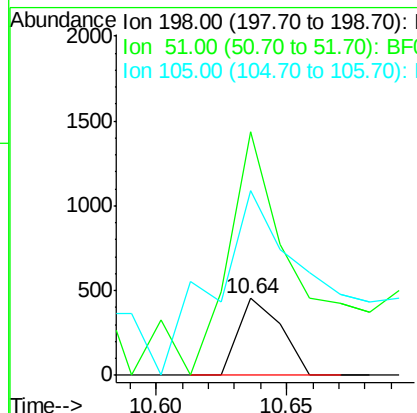
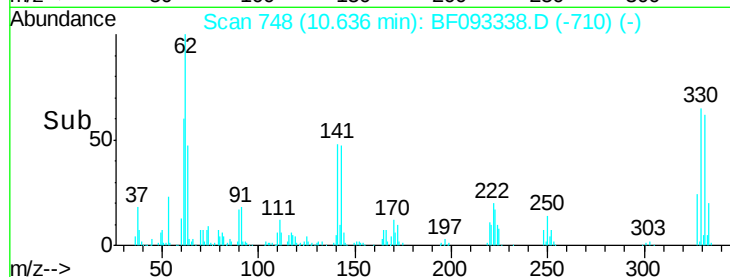
105 240.4 16.6 56.6#



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



#65

n-Nitrosodiphenylamine

Concen: 0.39 ng

RT: 10.64 min Scan# 748

Delta R.T. 0.08 min

Lab File: BF093338.D

Acq: 2 Mar 2017 23:18

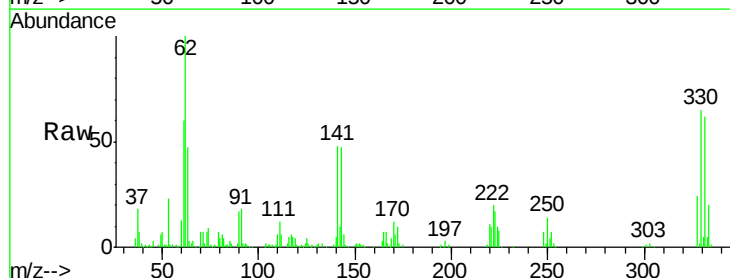
Tgt Ion:169 Resp: 7071

Ion Ratio Lower Upper

169 100

168 7.9 54.2 81.2#

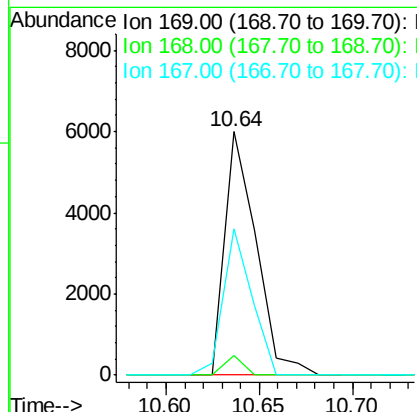
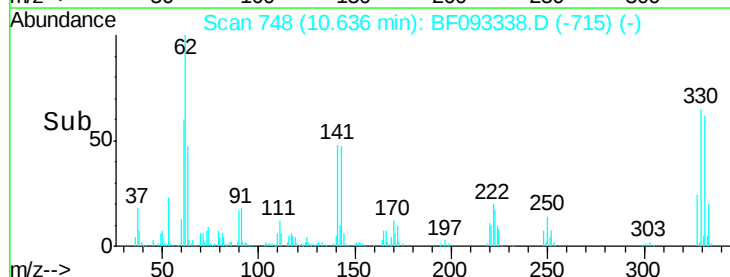
167 60.3 30.2 45.4#

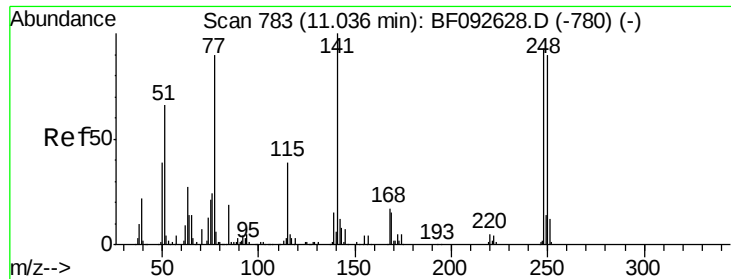


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

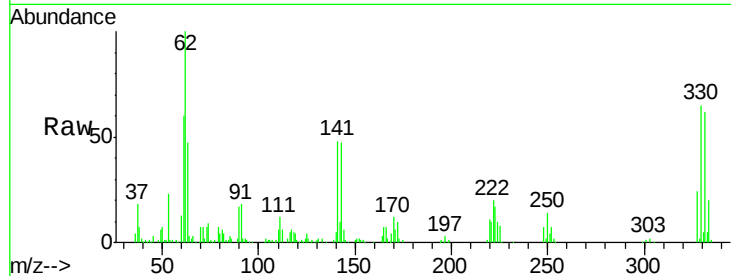




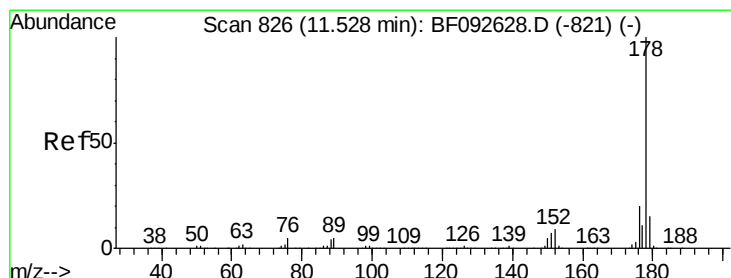
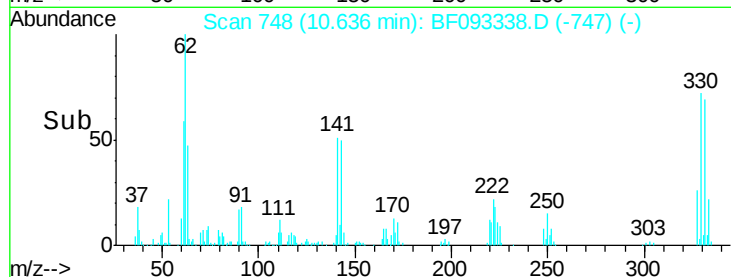
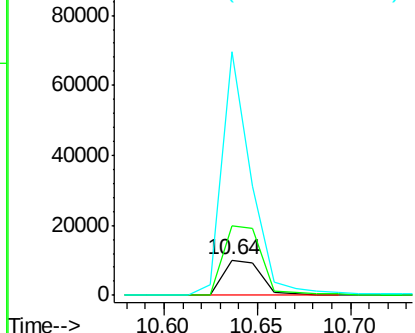
#66
 4-Bromophenyl-phenylether
 Concen: 2.40 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.29 min
 Lab File: BF093338.D
 Acq: 2 Mar 2017 23:18

Instrument :
 BNA_F
 ClientSampleId :
 MW-3R

Tgt Ion:248 Resp: 14106
 Ion Ratio Lower Upper
 248 100
 250 198.9 76.9 115.3#
 141 692.1 68.2 102.4#

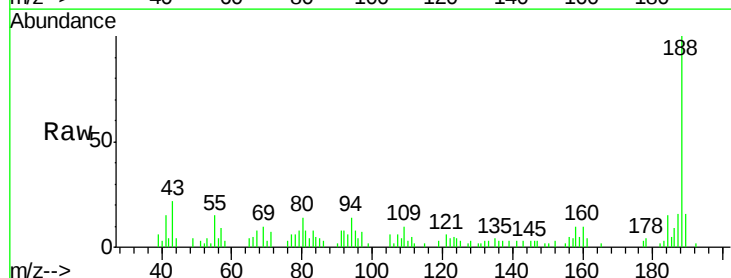


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

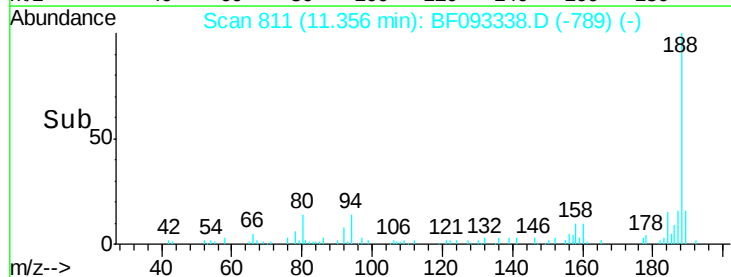
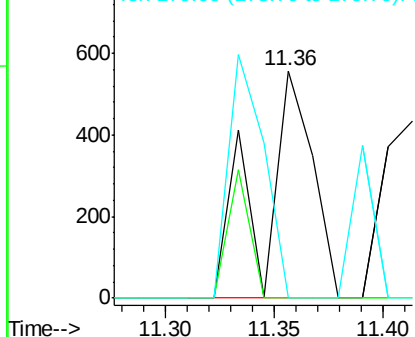


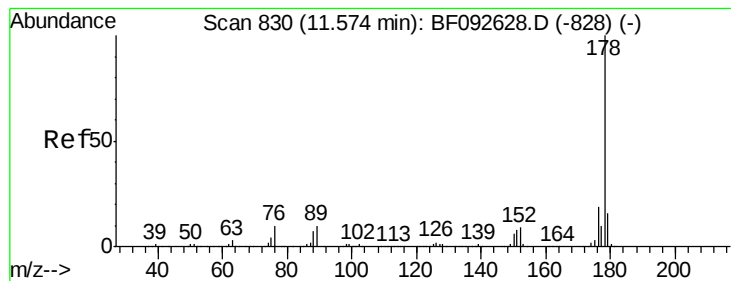
#70
 Phenanthrene
 Concen: 0.03 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.05 min
 Lab File: BF093338.D
 Acq: 2 Mar 2017 23:18

Tgt Ion:178 Resp: 906
 Ion Ratio Lower Upper
 178 100
 176 0.0 16.6 25.0#
 179 0.0 12.8 19.2#



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 0.03 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.05 min

Lab File: BF093338.D

Acq: 2 Mar 2017 23:18

Instrument :

BNA_F

ClientSampleId :

MW-3R

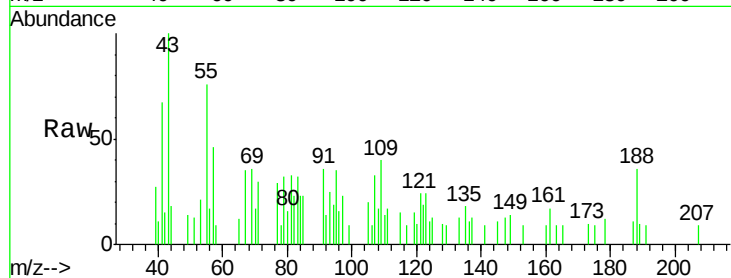
Tgt Ion:178 Resp: 1006

Ion Ratio Lower Upper

178 100

176 0.0 15.9 23.9#

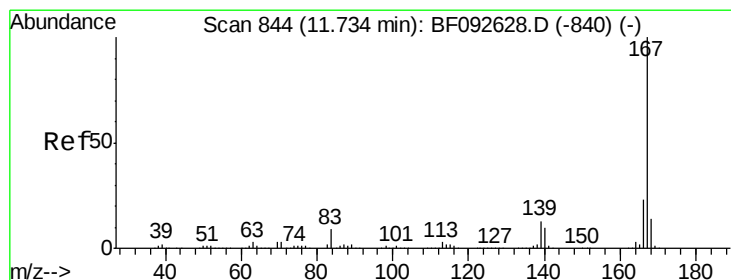
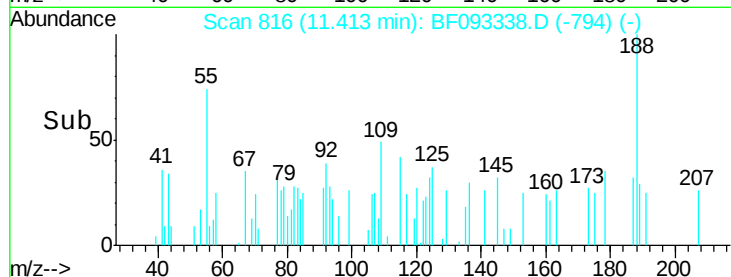
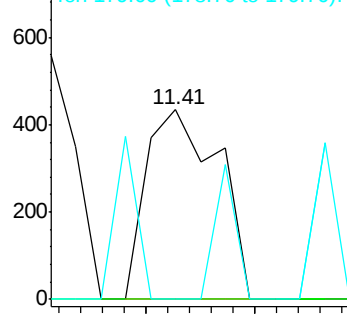
179 0.0 13.2 19.8#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 0.01 ng

RT: 11.56 min Scan# 829

Delta R.T. -0.05 min

Lab File: BF093338.D

Acq: 2 Mar 2017 23:18

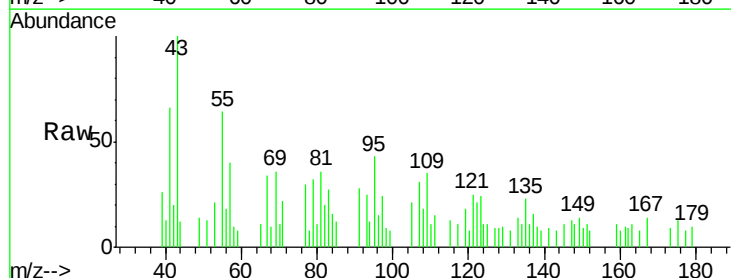
Tgt Ion:167 Resp: 383

Ion Ratio Lower Upper

167 100

166 0.0 18.2 27.2#

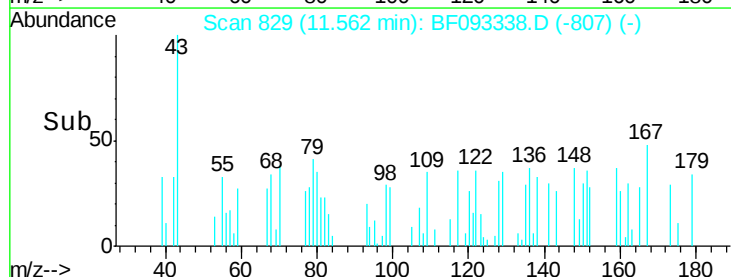
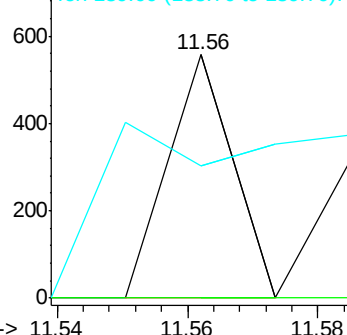
139 54.5 11.4 17.2#

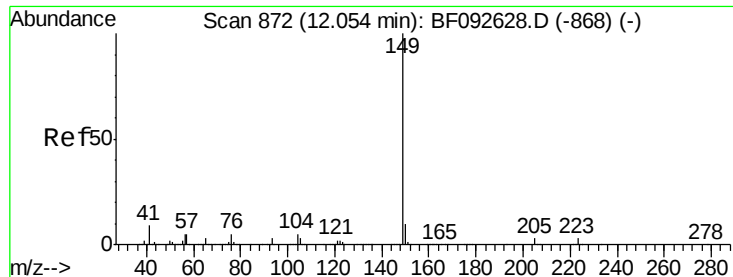


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 0.29 ng

RT: 11.89 min Scan# 858

Delta R.T. -0.05 min

Lab File: BF093338.D

Acq: 2 Mar 2017 23:18

Instrument :

BNA_F

ClientSampleId :

MW-3R

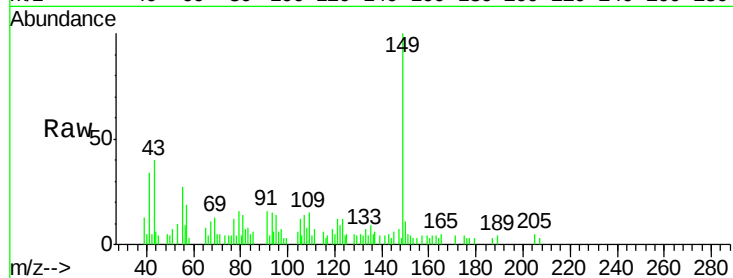
Tgt Ion:149 Resp: 9674

Ion Ratio Lower Upper

149 100

150 10.5 8.1 12.1

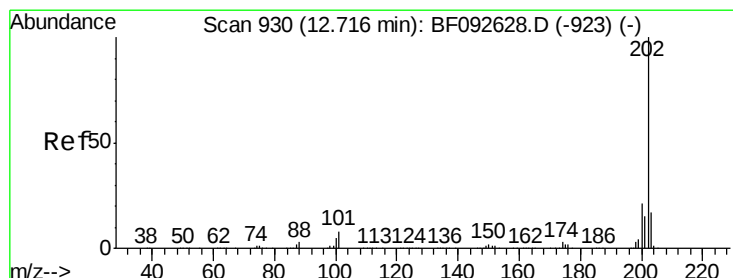
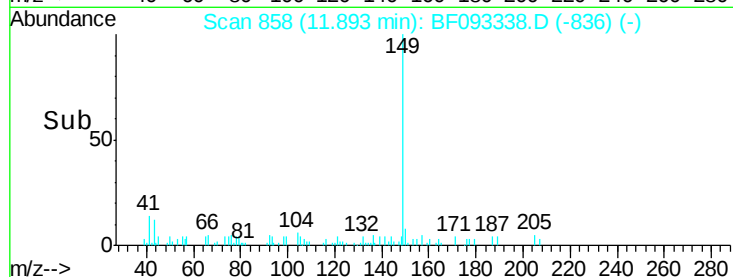
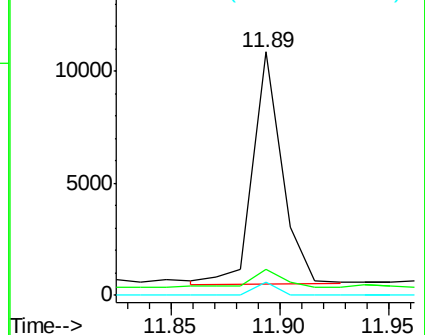
104 5.6 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 0.02 ng

RT: 12.56 min Scan# 916

Delta R.T. -0.03 min

Lab File: BF093338.D

Acq: 2 Mar 2017 23:18

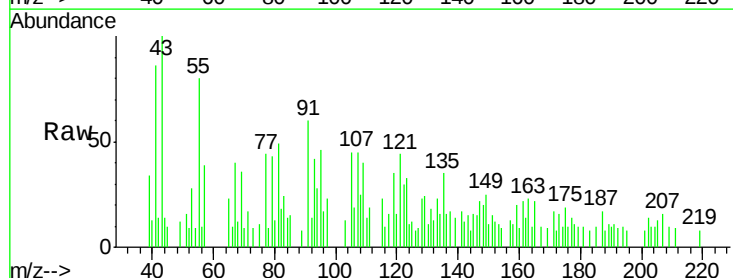
Tgt Ion:202 Resp: 752

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.6

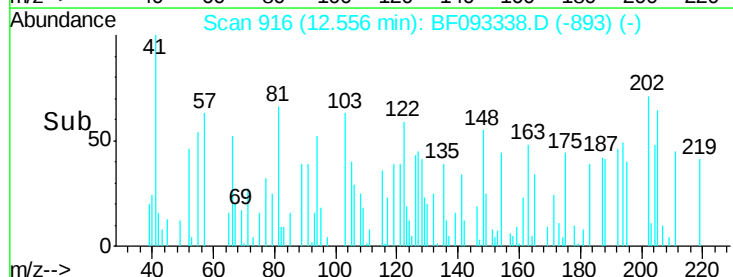
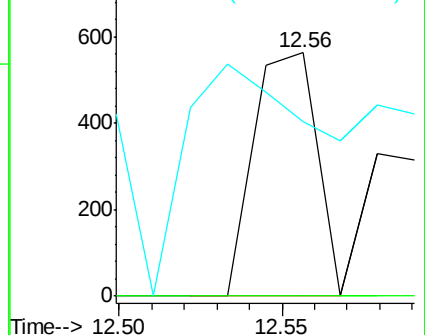
203 71.6 0.0 38.7#

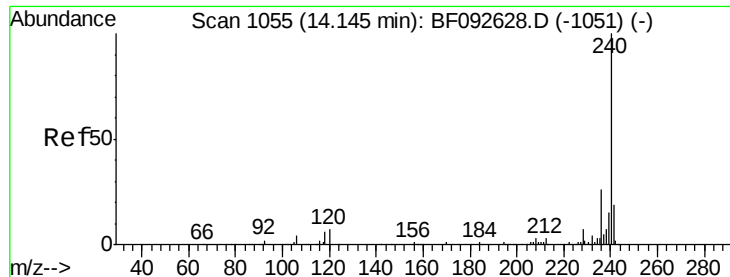


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.05 min

Lab File: BF093338.D

Acq: 2 Mar 2017 23:18

Instrument :

BNA_F

ClientSampleId :

MW-3R

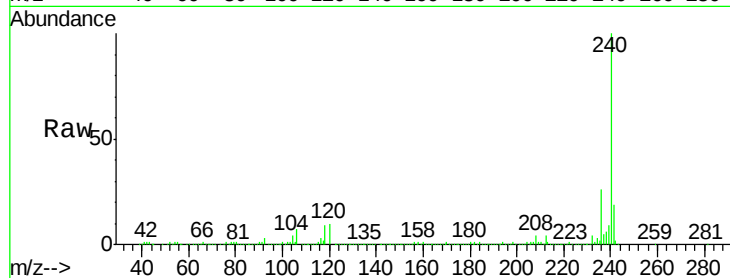
Tgt Ion:240 Resp: 476539

Ion Ratio Lower Upper

240 100

120 10.4 12.9 19.3#

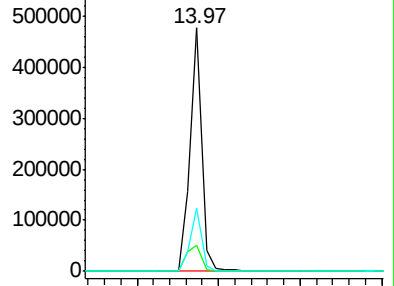
236 25.8 20.9 31.3



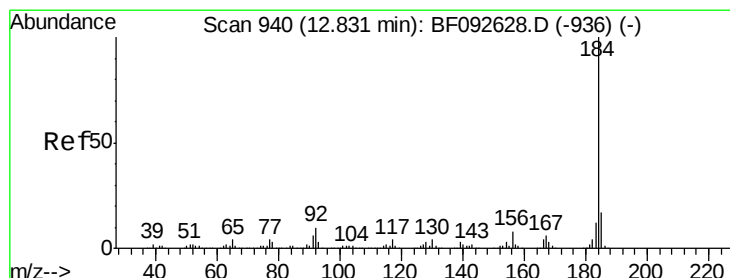
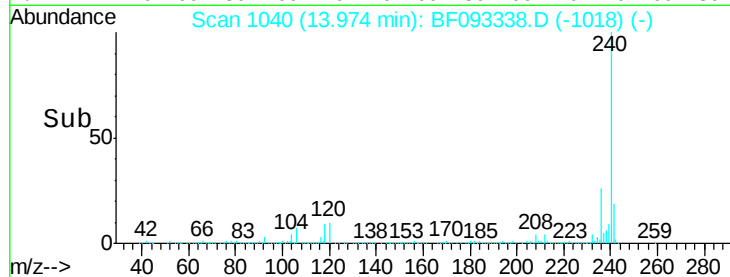
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: 0.03 ng

RT: 12.69 min Scan# 928

Delta R.T. -0.02 min

Lab File: BF093338.D

Acq: 2 Mar 2017 23:18

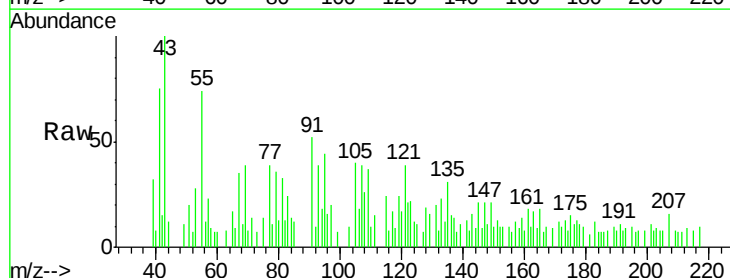
Tgt Ion:184 Resp: 686

Ion Ratio Lower Upper

184 100

185 92.6 13.4 20.0#

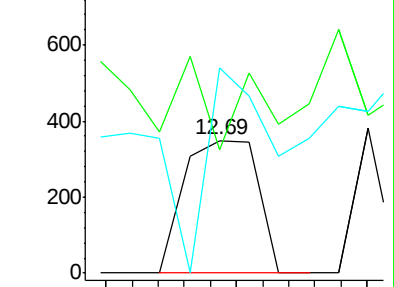
183 154.4 9.2 13.8#



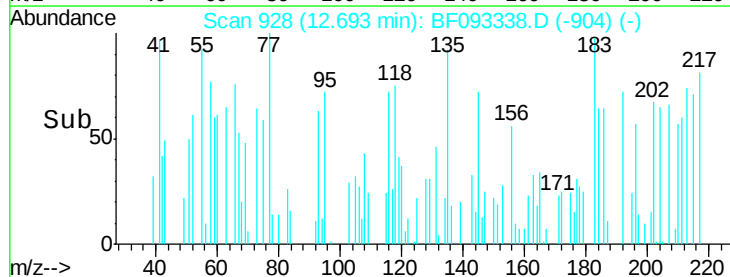
Abundance Ion 184.00 (183.70 to 184.70): E

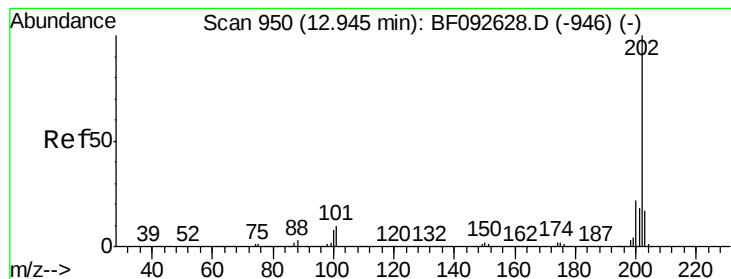
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->





#77

Pyrene

Concen: 0.05 ng

RT: 12.78 min Scan# 936

Delta R.T. -0.03 min

Lab File: BF093338.D

Acq: 2 Mar 2017 23:18

Instrument :

BNA_F

ClientSampleId :

MW-3R

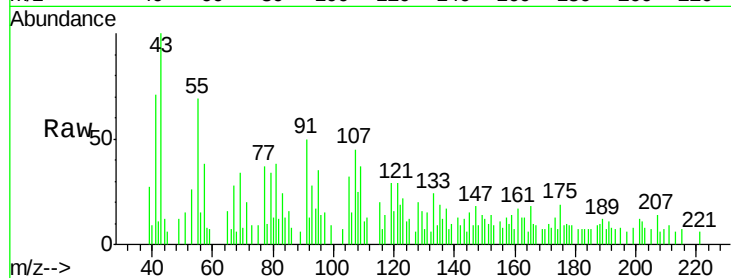
Tgt Ion:202 Resp: 1908

Ion Ratio Lower Upper

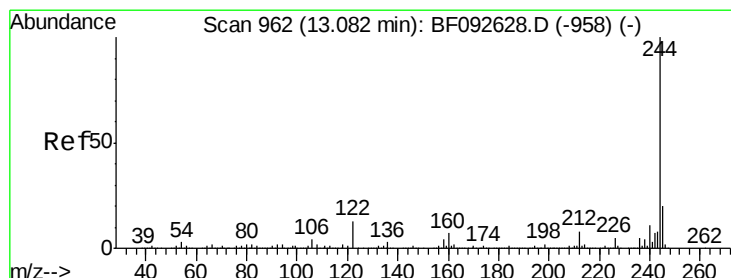
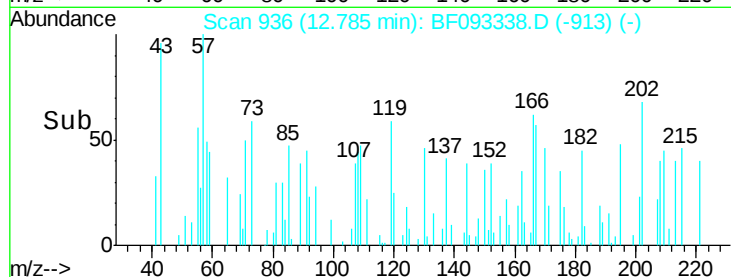
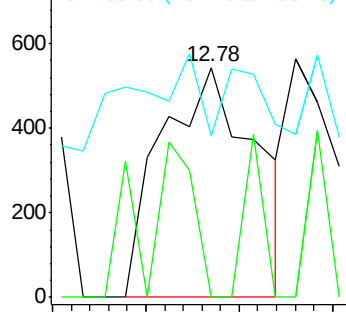
202 100

200 0.0 17.7 26.5#

203 70.2 14.7 22.1#



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 66.66 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.05 min

Lab File: BF093338.D

Acq: 2 Mar 2017 23:18

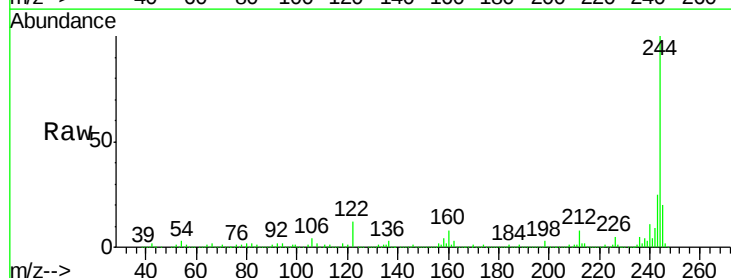
Tgt Ion:244 Resp: 1351888

Ion Ratio Lower Upper

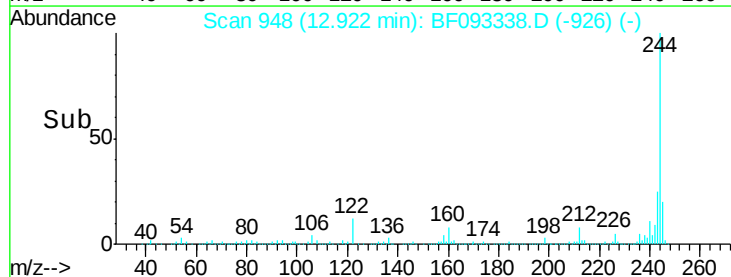
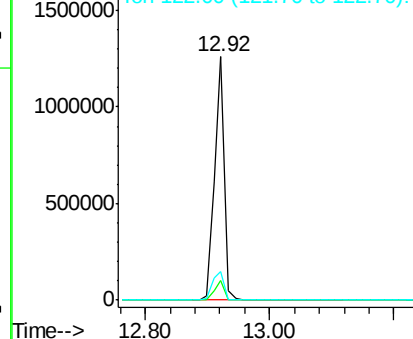
244 100

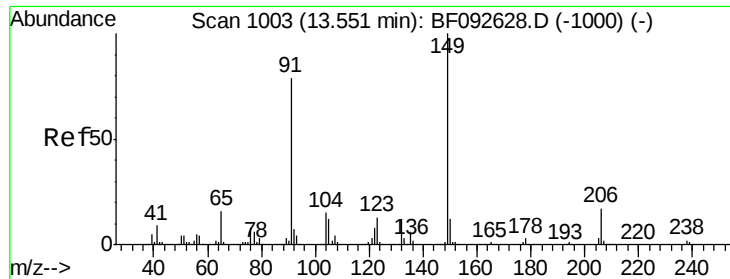
212 7.8 6.2 9.2

122 12.0 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





#79

Butylbenzylphthalate

Concen: 0.08 ng

RT: 13.39 min Scan# 989

Delta R.T. -0.05 min

Lab File: BF093338.D

Acq: 2 Mar 2017 23:18

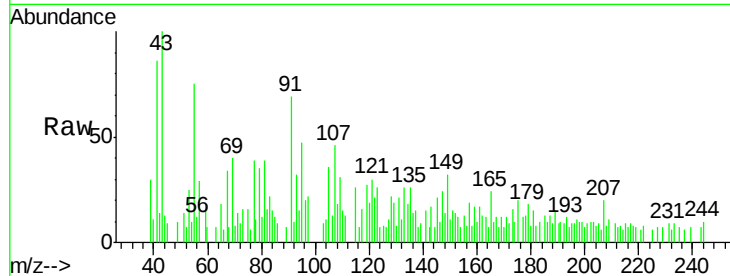
Instrument :

BNA_F

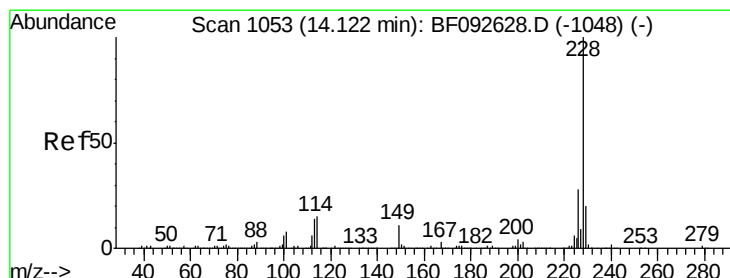
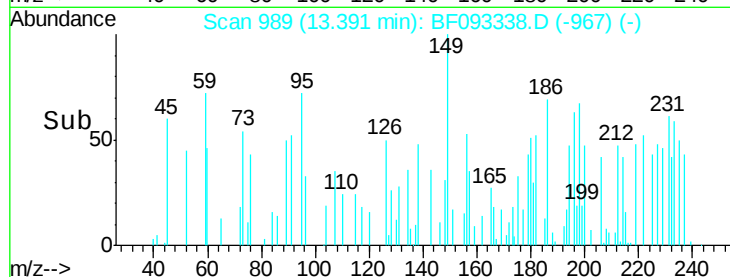
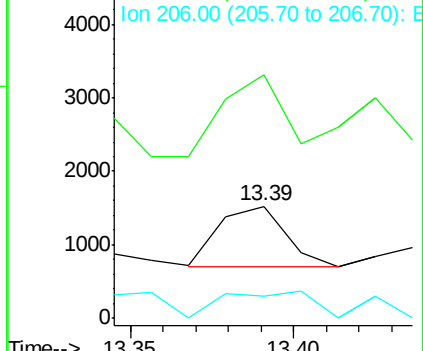
ClientSampled :

MW-3R

Tgt Ion:	149	Resp:	1167
Ion Ratio	Lower	Upper	
149	100		
91	216.9	63.9	95.9#
206	19.8	14.6	21.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 0.15 ng

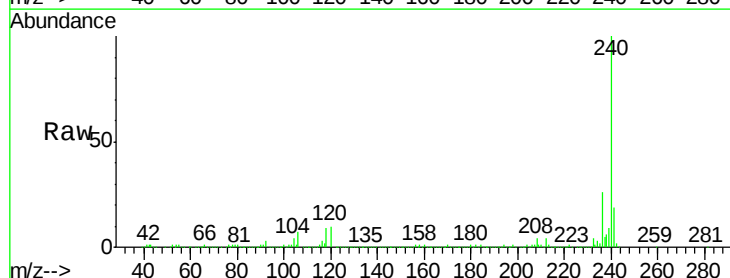
RT: 13.97 min Scan# 1040

Delta R.T. -0.03 min

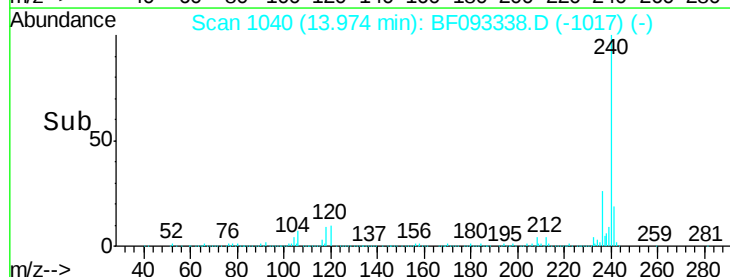
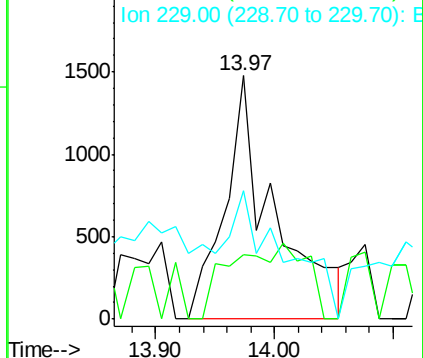
Lab File: BF093338.D

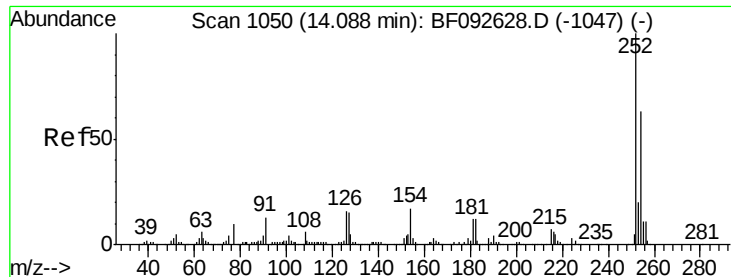
Acq: 2 Mar 2017 23:18

Tgt Ion:	228	Resp:	4264
Ion Ratio	Lower	Upper	
228	100		
226	26.5	22.4	33.6
229	52.7	16.2	24.4#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

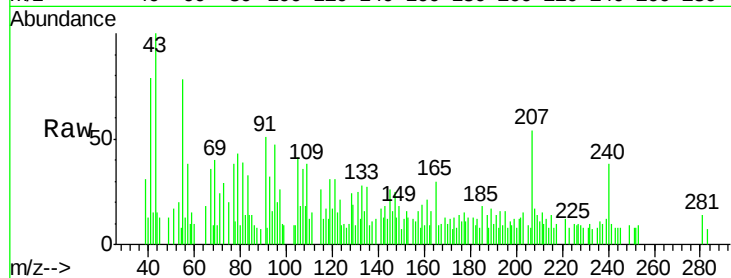




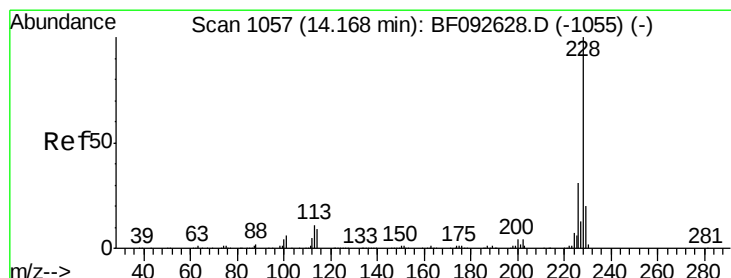
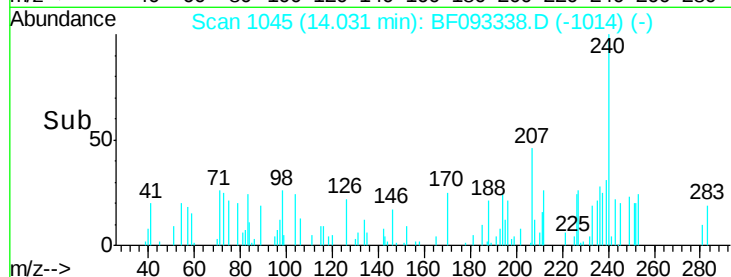
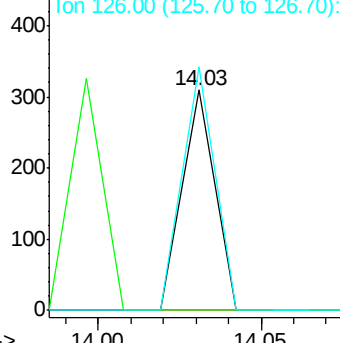
#81
 3,3'-Dichlorobenzidine
 Concen: 0.02 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. 0.06 min
 Lab File: BF093338.D
 Acq: 2 Mar 2017 23:18

Instrument :
 BNA_F
 ClientSampleId :
 MW-3R

Tgt Ion: 252 Resp: 213
 Ion Ratio Lower Upper
 252 100
 254 0.0 52.3 78.5#
 126 110.3 13.6 20.4#

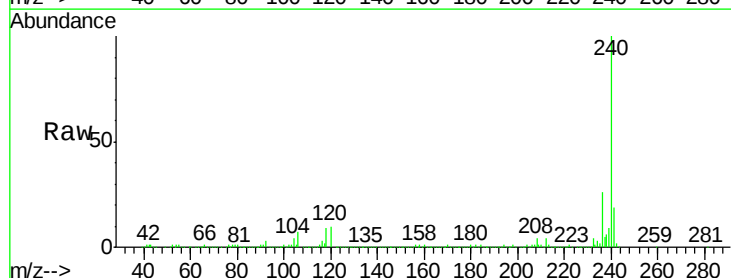


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

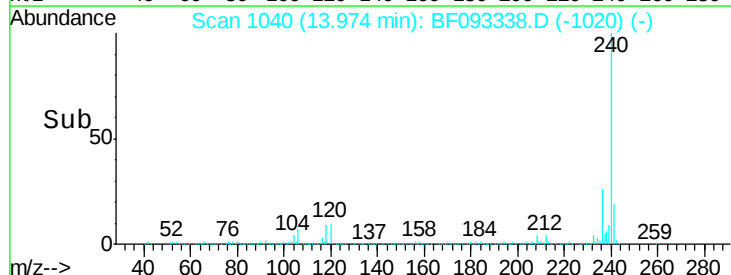
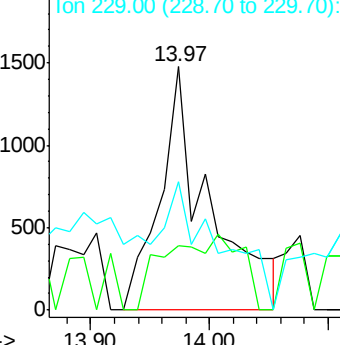


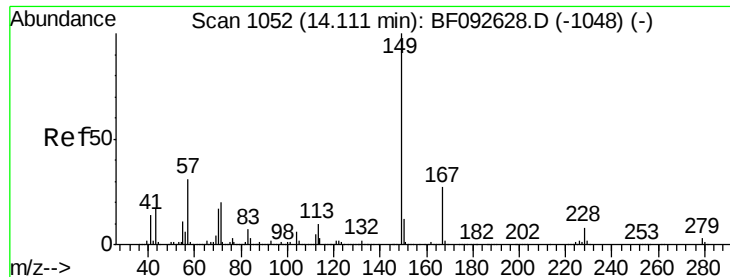
#82
 Chrysene
 Concen: 0.16 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.07 min
 Lab File: BF093338.D
 Acq: 2 Mar 2017 23:18

Tgt Ion: 228 Resp: 4264
 Ion Ratio Lower Upper
 228 100
 226 26.5 25.4 38.0
 229 52.7 16.2 24.2#



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

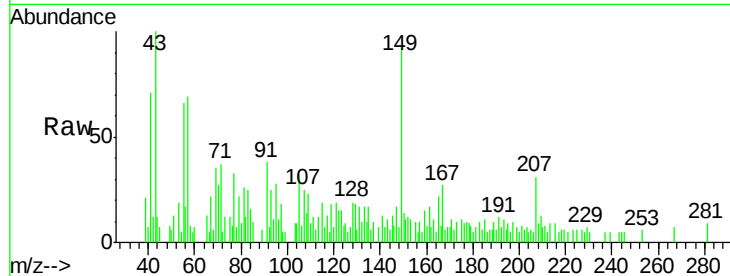




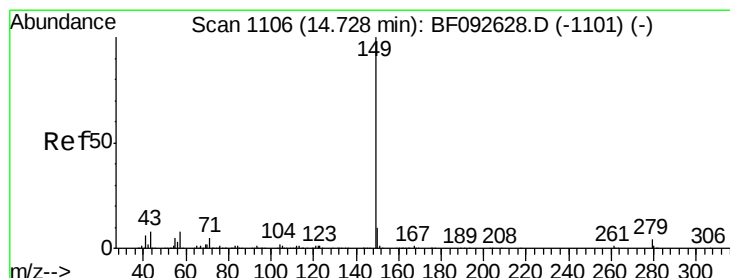
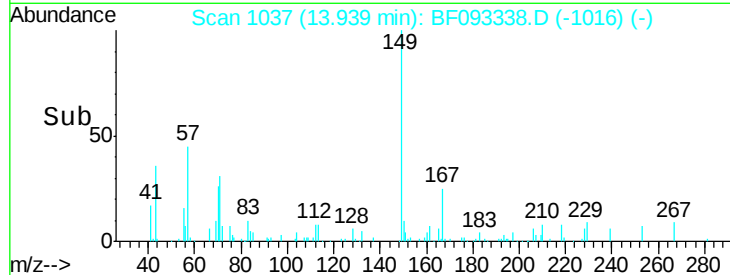
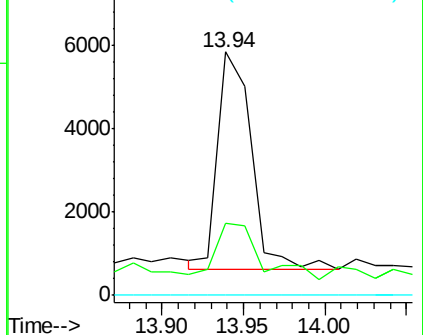
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.37 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.06 min
 Lab File: BF093338.D
 Acq: 2 Mar 2017 23:18

Instrument :
 BNA_F
 ClientSampleId :
 MW-3R

Tgt Ion:149 Resp: 7371
 Ion Ratio Lower Upper
 149 100
 167 29.4 20.2 30.4
 279 0.0 1.8 2.8#

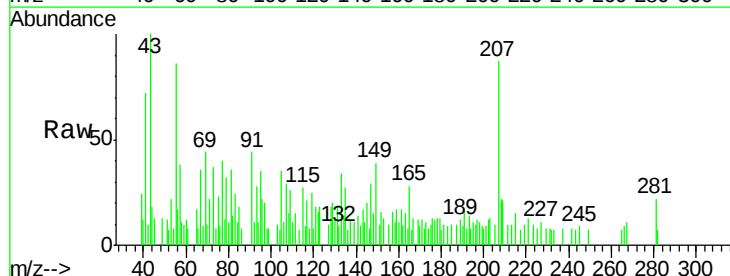


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

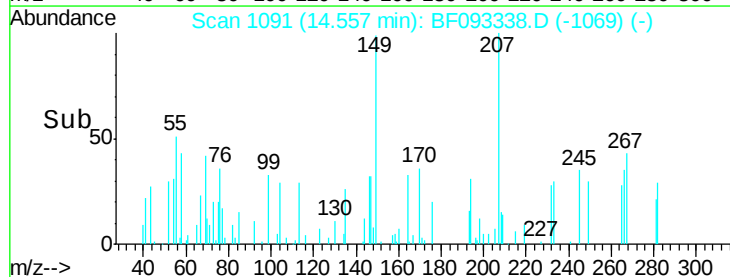
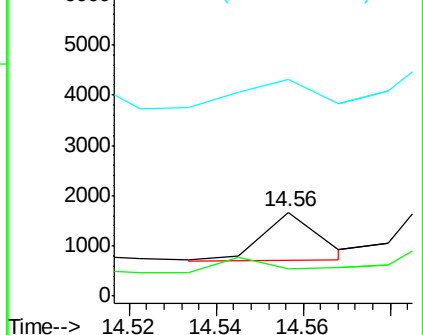


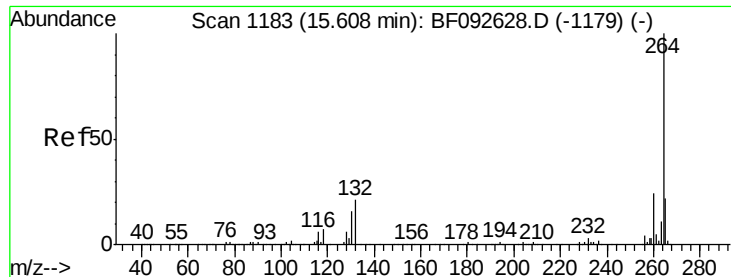
#84
 Di-n-octyl phthalate
 Concen: 0.03 ng
 RT: 14.56 min Scan# 1091
 Delta R.T. -0.05 min
 Lab File: BF093338.D
 Acq: 2 Mar 2017 23:18

Tgt Ion:149 Resp: 882
 Ion Ratio Lower Upper
 149 100
 167 40.4 1.3 1.9#
 43 111.0 8.9 13.3#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0



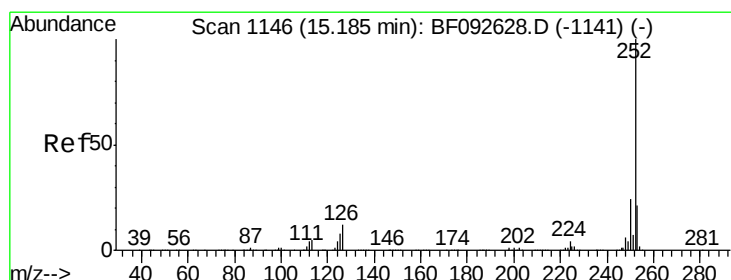
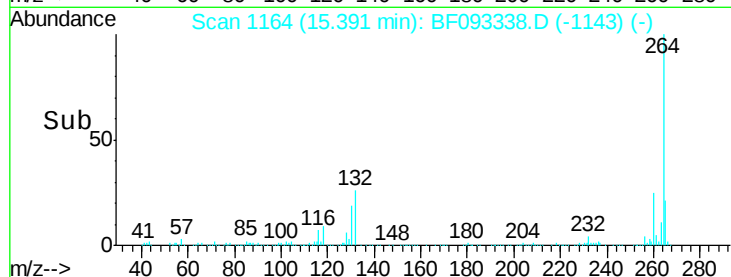
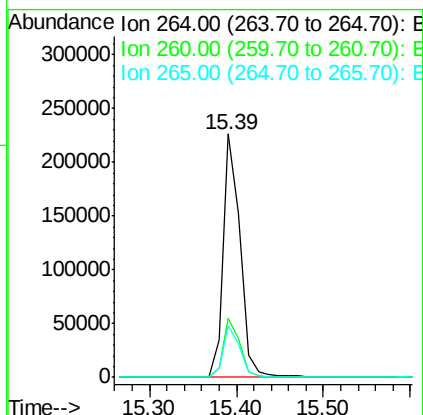
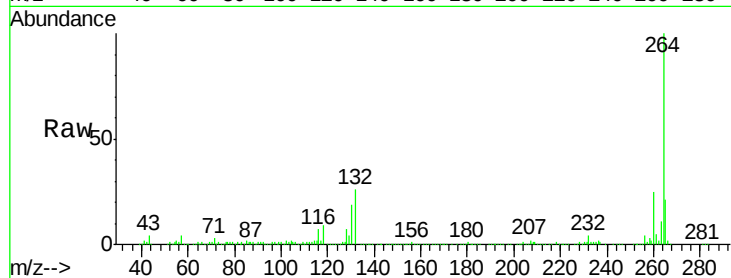


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.06 min
Lab File: BF093338.D
Acq: 2 Mar 2017 23:18

Instrument :
BNA_F
ClientSampleId :
MW-3R

Tgt Ion: 264 Resp: 309056

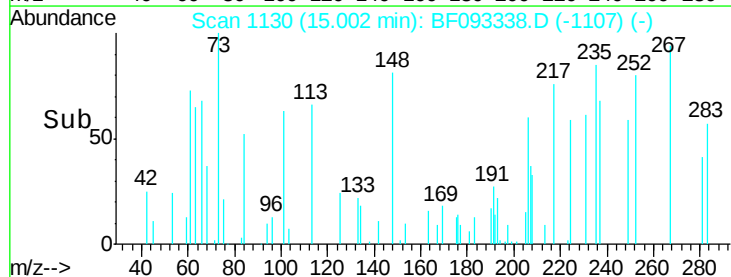
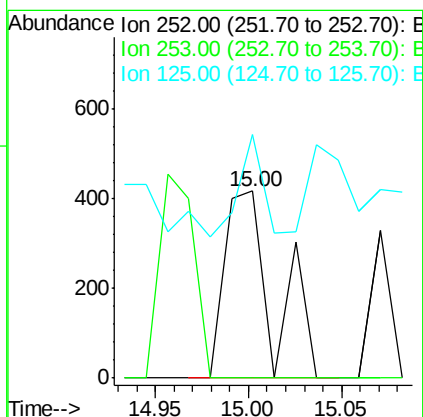
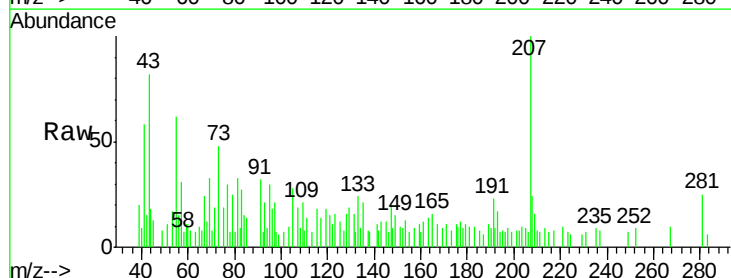
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.3	17.4	26.0

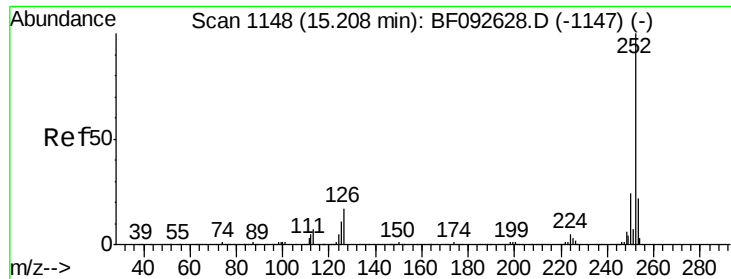


#87
Benzo(b)fluoranthene
Concen: 0.04 ng
RT: 15.00 min Scan# 1130
Delta R.T. -0.03 min
Lab File: BF093338.D
Acq: 2 Mar 2017 23:18

Tgt Ion: 252 Resp: 768

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.2	27.4#
125	130.3	9.8	14.6#

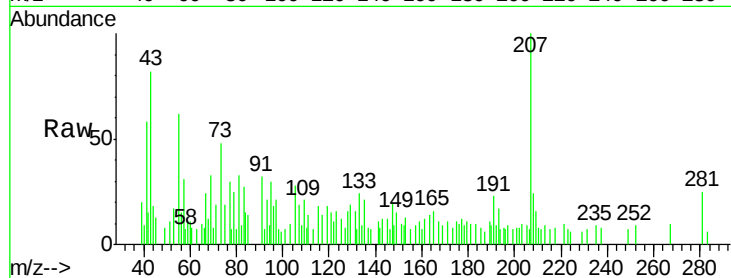




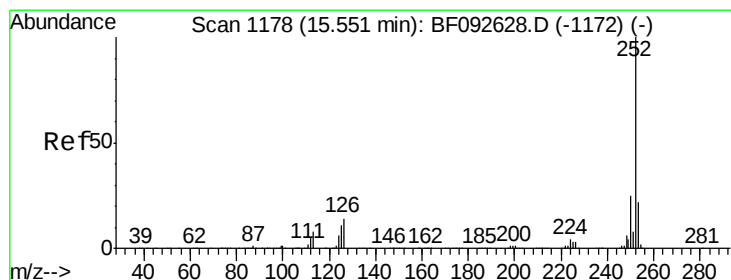
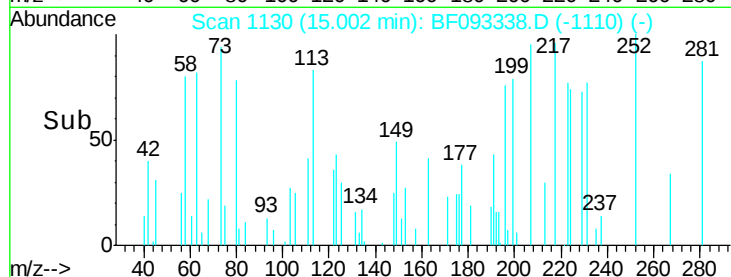
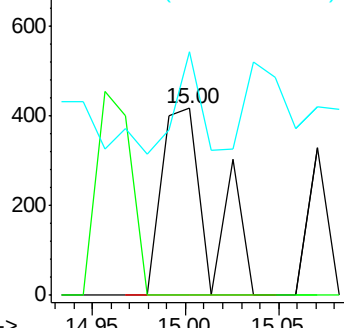
#88
Benzo(k)fluoranthene
Concen: 0.04 ng
RT: 15.00 min Scan# 1130
Delta R.T. -0.07 min
Lab File: BF093338.D
Acq: 2 Mar 2017 23:18

Instrument :
BNA_F
ClientSampled :
MW-3R

Tgt Ion:252 Resp: 768
Ion Ratio Lower Upper
252 100
253 0.0 18.5 27.7#
125 130.3 8.9 13.3#

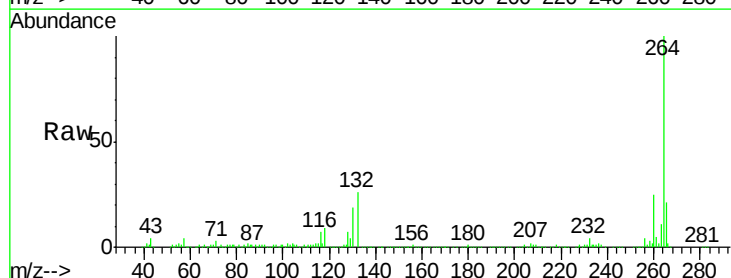


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89
Benzo(a)pyrene
Concen: 0.06 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BF093338.D
Acq: 2 Mar 2017 23:18

Tgt Ion:252 Resp: 1090
Ion Ratio Lower Upper
252 100
253 42.5 18.2 27.2#
125 70.2 10.0 15.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

