

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010417\
 Data File : BF092080.D
 Acq On : 4 Jan 2017 20:55
 Operator : UM/SJ
 Sample : I1004-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-37

Quant Time: Jan 05 00:06:20 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	209369	20.00	ng	-0.04
21) Naphthalene-d8	7.94	136	707721	20.00	ng	-0.05
38) Acenaphthene-d10	9.70	164	164601	20.00	ng	-0.05
63) Phenanthrene-d10	11.18	188	268535	20.00	ng	-0.05
75) Chrysene-d12	13.81	240	430993	20.00	ng	-0.06
86) Perylene-d12	15.18	264	327861	20.00	ng	-0.07

System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	628146	50.09	ng	-0.06
7) Phenol-d6	6.32	99	832621	54.39	ng	-0.06
23) Nitrobenzene-d5	7.24	82	1509148	118.57	ng	-0.05
41) 2,4,6-Tribromophenol	10.49	330	231855	170.21	ng	-0.05
44) 2-Fluorobiphenyl	9.03	172	997738	131.21	ng	-0.05
78) Terphenyl-d14	12.77	244	853946	48.05	ng	-0.05

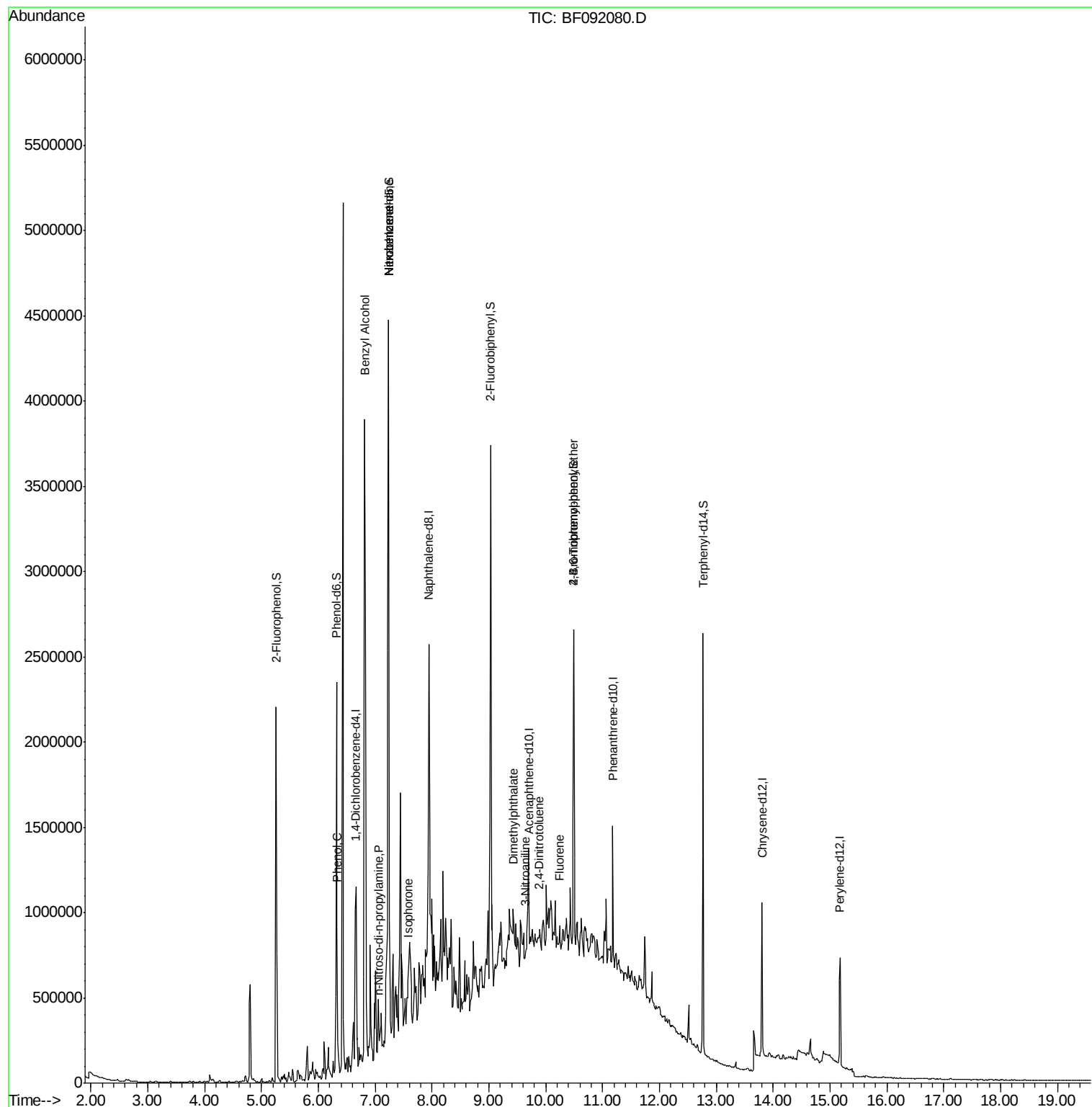
Target Compounds				Qvalue		
9) Benzaldehyde	6.17	77	1706	Below Cal	#	34
10) Phenol	6.33	94	110554	6.34	ng	77
15) Benzyl Alcohol	6.81	79	24345	2.05	ng	42
18) Hexachloroethane	7.24	117	370433	64.47	ng	7
19) n-Nitroso-di-n-propylamine	7.06	70	23497	2.31	ng	68
24) Nitrobenzene	7.24	77	46789	3.45	ng	15
25) Isophorone	7.58	82	68866	2.93	ng	8
37) 2-Methylnaphthalene	8.62	142	5402	Below Cal	#	1
49) Dimethylphthalate	9.43	163	42334	4.02	ng	89
52) 3-Nitroaniline	9.65	138	10757	3.77	ng	14
56) 2,4-Dinitrotoluene	9.89	165	7892	2.73	ng	61
57) Fluorene	10.24	166	20485	2.24	ng	88
66) 4-Bromophenyl-phenylether	10.49	248	13843	4.96	ng	1
71) Anthracene	11.31	178	2237	Below Cal	#	1
73) Di-n-butylphthalate	11.76	149	3457	Below Cal	#	29
74) Fluoranthene	12.38	202	2078	Below Cal	#	23
76) Benzydine	12.52	184	484	Below Cal	#	1

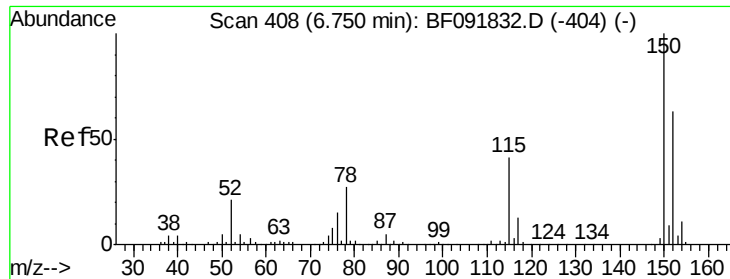
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 418

Delta R.T. -0.04 min

Lab File: BF092080.D

Acq: 4 Jan 2017 20:55

Instrument :

BNA_F

ClientSampleId :

MW-37

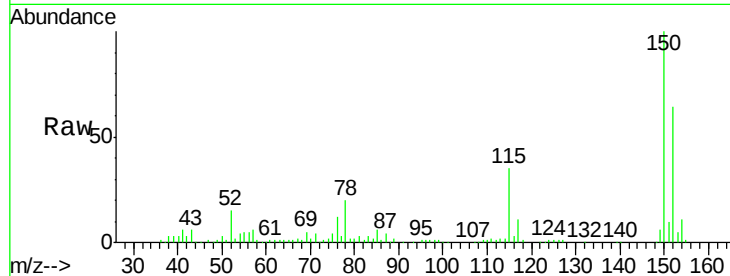
Tgt Ion:152 Resp: 209369

Ion Ratio Lower Upper

152 100

150 155.4 124.9 187.3

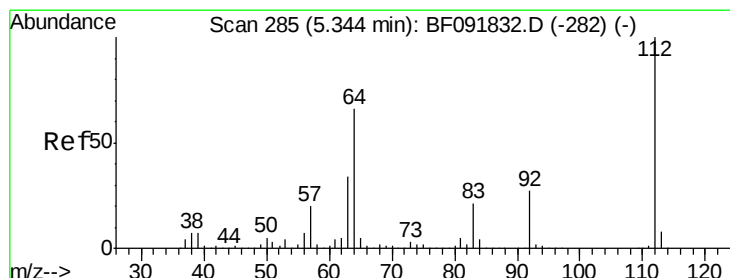
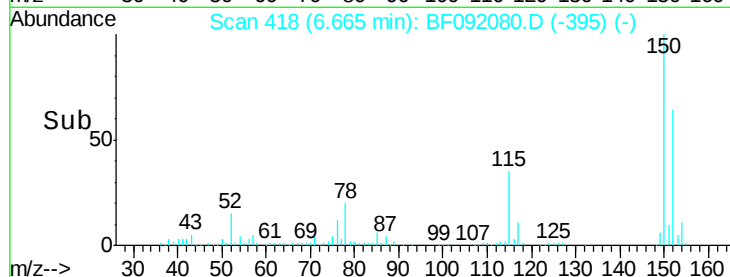
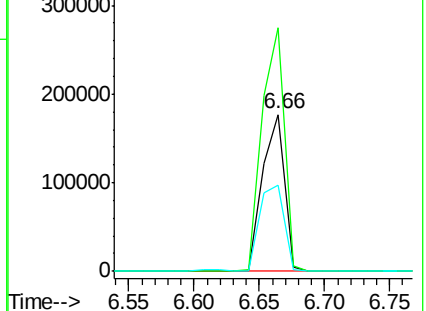
115 54.7 46.0 69.0



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: 50.09 ng

RT: 5.26 min Scan# 295

Delta R.T. -0.06 min

Lab File: BF092080.D

Acq: 4 Jan 2017 20:55

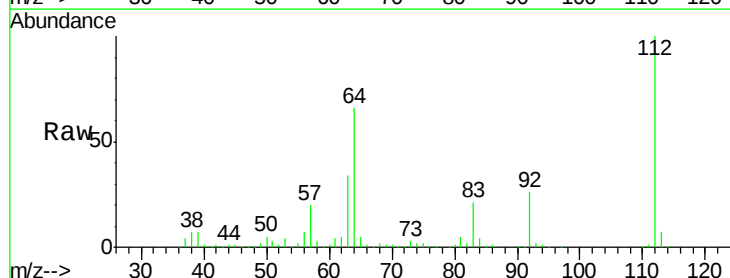
Tgt Ion:112 Resp: 628146

Ion Ratio Lower Upper

112 100

64 66.3 46.1 69.1

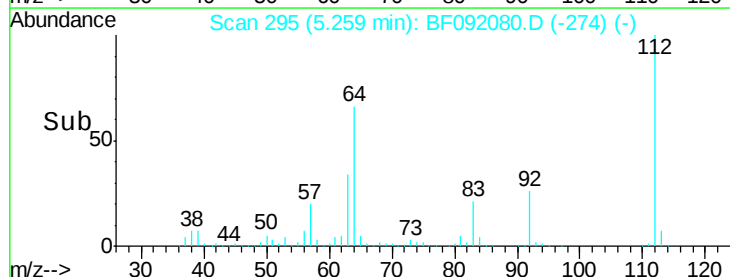
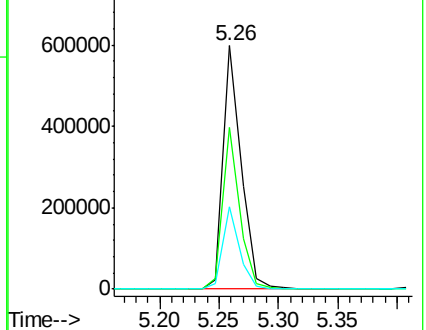
63 33.6 23.8 35.6

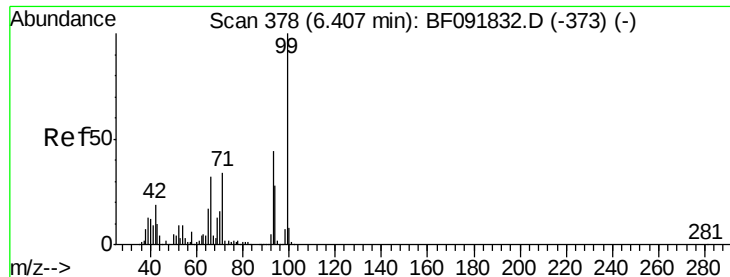


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 54.39 ng

RT: 6.32 min Scan# 388

Delta R.T. -0.06 min

Lab File: BF092080.D

Acq: 4 Jan 2017 20:55

Instrument :

BNA_F

ClientSampled :

MW-37

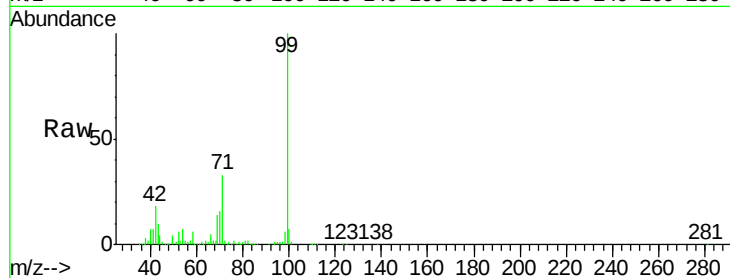
Tgt Ion: 99 Resp: 832621

Ion Ratio Lower Upper

99 100

42 18.2 15.6 23.4

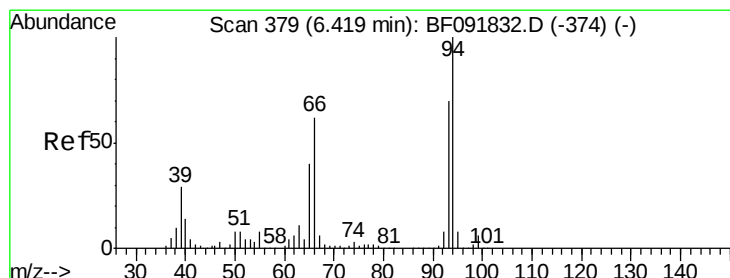
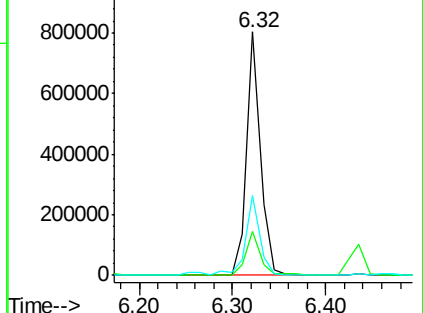
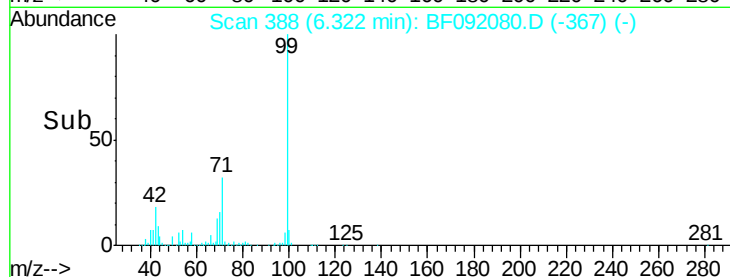
71 32.7 27.5 41.3



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



#10

Phenol

Concen: 6.34 ng

RT: 6.33 min Scan# 389

Delta R.T. -0.06 min

Lab File: BF092080.D

Acq: 4 Jan 2017 20:55

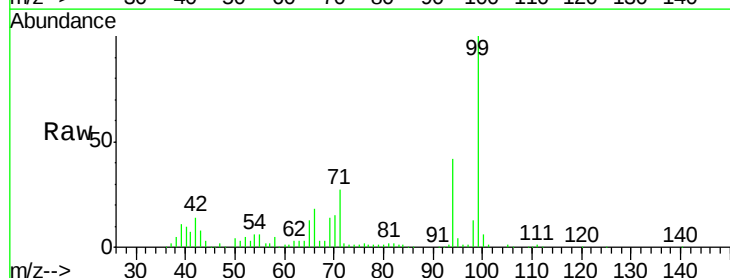
Tgt Ion: 94 Resp: 110554

Ion Ratio Lower Upper

94 100

65 29.8 21.4 61.4

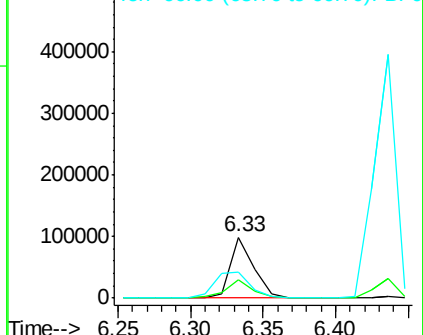
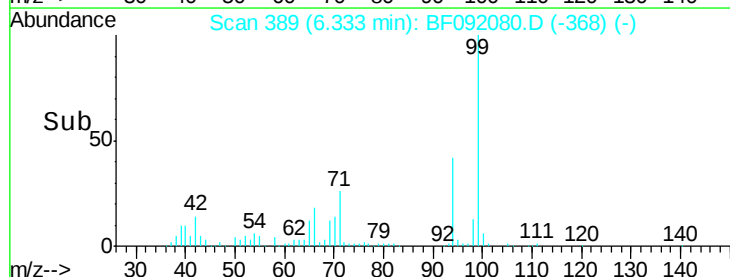
66 43.7 44.0 84.0#

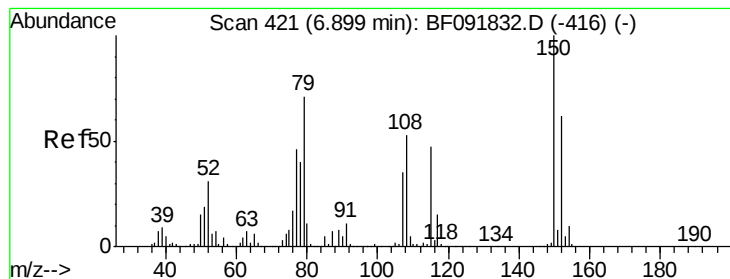


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.05 ng

RT: 6.81 min Scan# 431

Delta R.T. -0.05 min

Lab File: BF092080.D

Acq: 4 Jan 2017 20:55

Instrument :

BNA_F

ClientSampleId :

MW-37

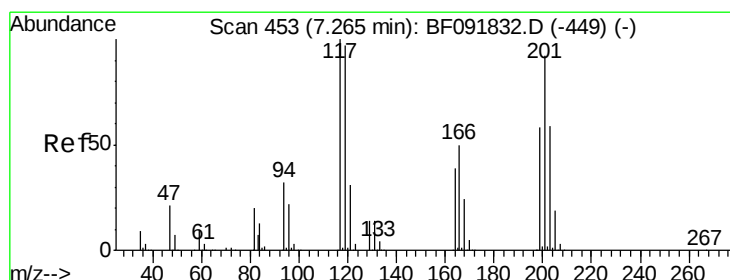
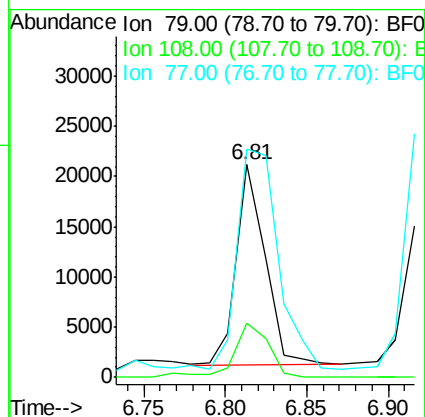
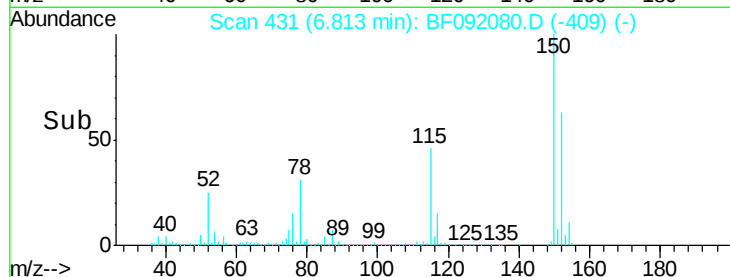
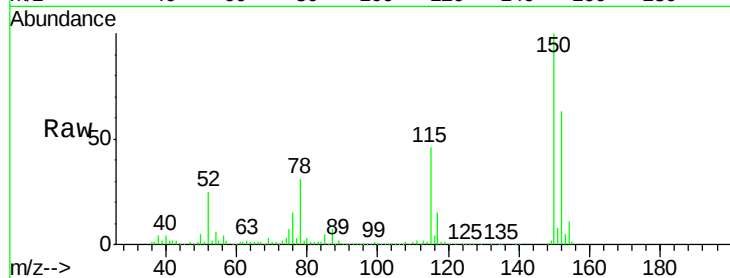
Tgt Ion: 79 Resp: 24345

Ion Ratio Lower Upper

79 100

108 25.7 61.4 92.0#

77 107.3 50.9 76.3#



#18

Hexachloroethane

Concen: 64.47 ng

RT: 7.24 min Scan# 468

Delta R.T. 0.02 min

Lab File: BF092080.D

Acq: 4 Jan 2017 20:55

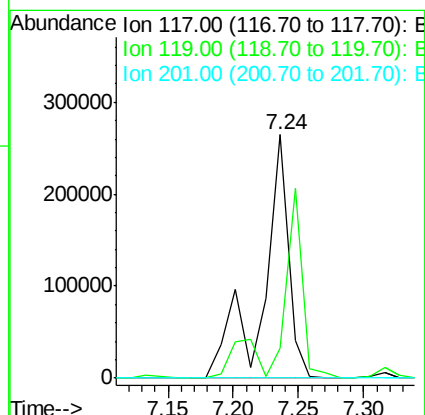
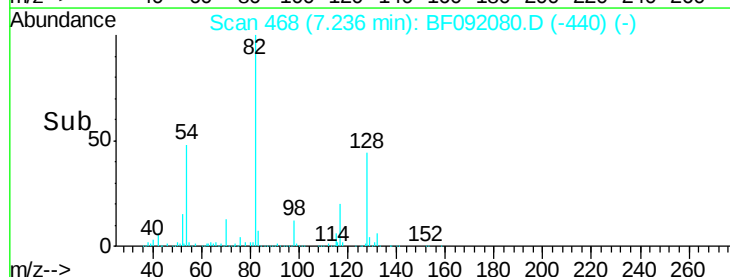
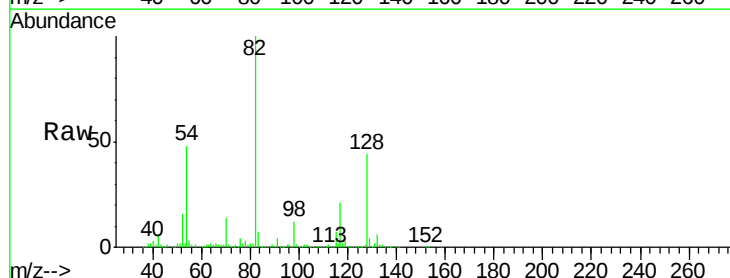
Tgt Ion: 117 Resp: 370433

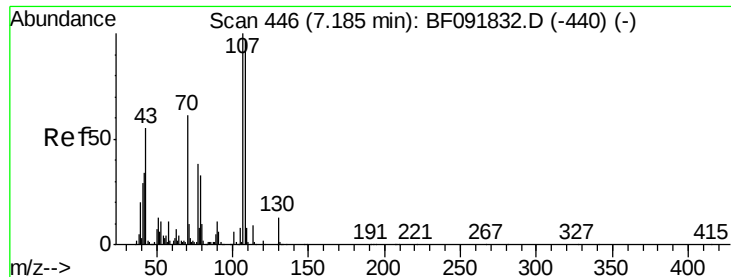
Ion Ratio Lower Upper

117 100

119 12.5 78.1 117.1#

201 0.0 78.6 117.8#

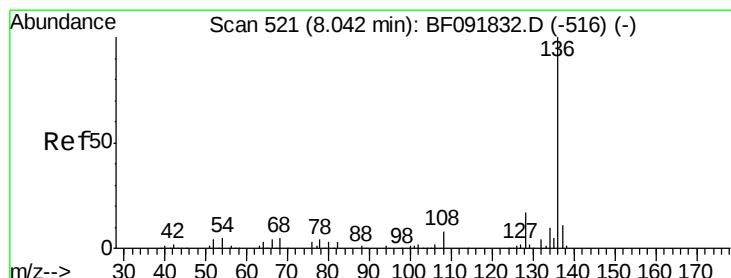
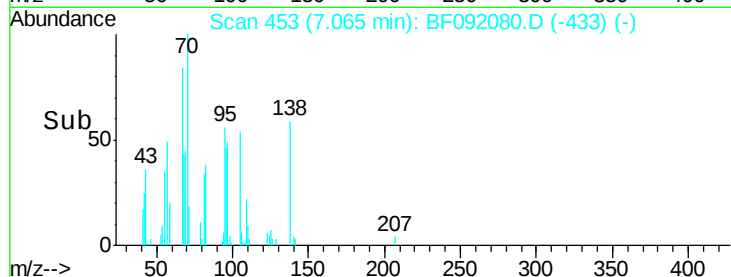
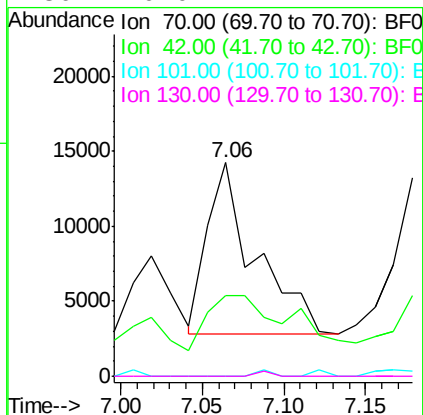
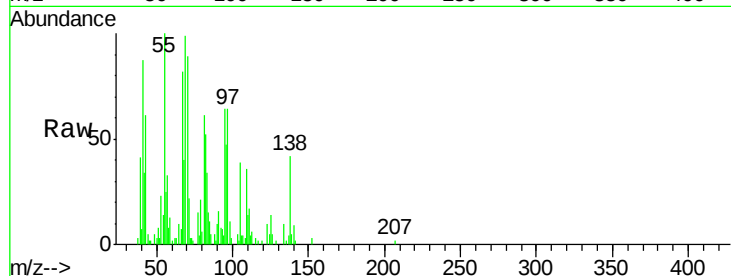




#19
n-Nitroso-di-n-propylamine
Concen: 2.31 ng
RT: 7.06 min Scan# 453
Delta R.T. -0.07 min
Lab File: BF092080.D
Acq: 4 Jan 2017 20:55

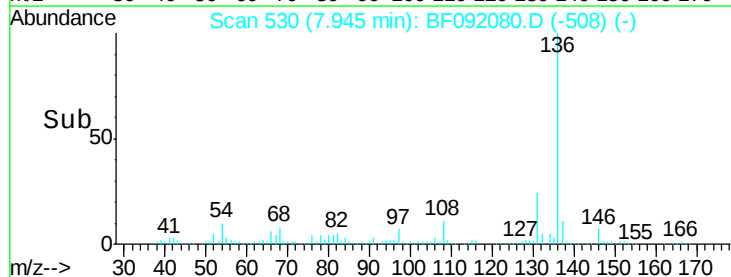
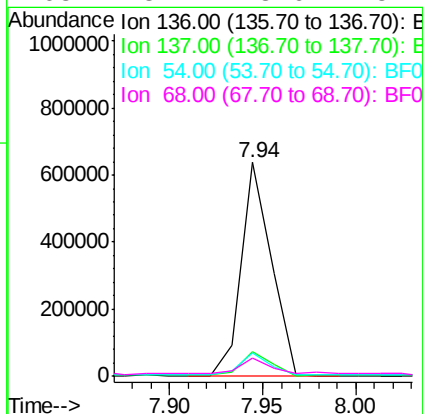
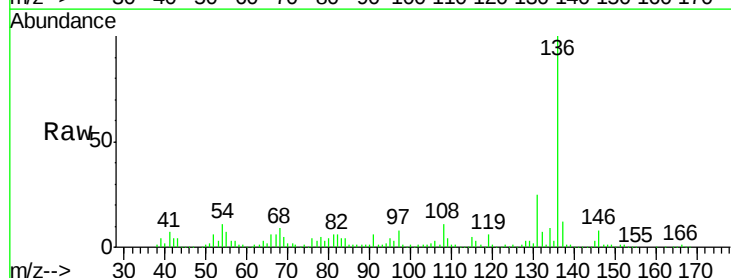
Instrument :
BNA_F
ClientSampled :
MW-37

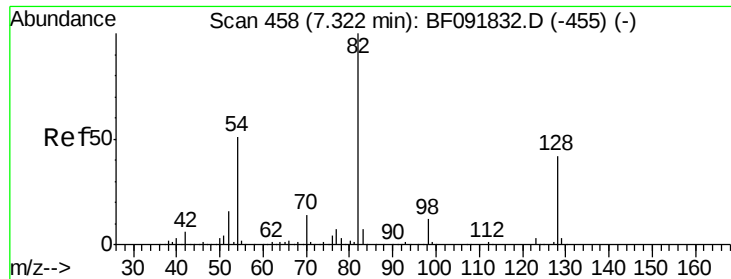
Tgt Ion:	70	Resp:	23497
Ion	Ratio	Lower	Upper
70	100		
42	37.8	49.4	74.0#
101	0.0	7.4	11.2#
130	0.0	14.2	21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 530
Delta R.T. -0.05 min
Lab File: BF092080.D
Acq: 4 Jan 2017 20:55

Tgt Ion:	136	Resp:	707721
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.4	12.6
54	10.7	4.5	6.7#
68	8.7	3.6	5.4#

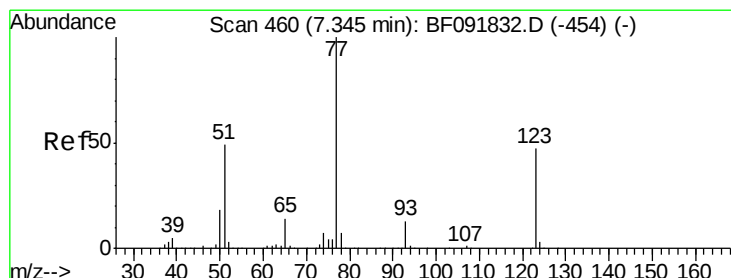
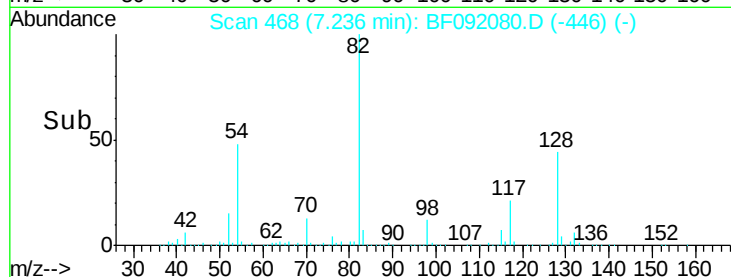
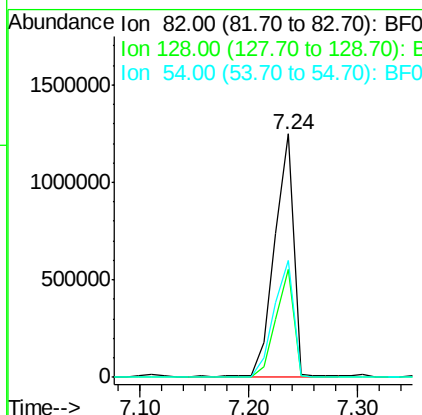
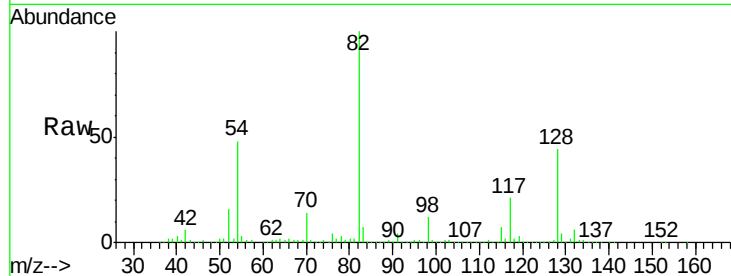




#23
 Nitrobenzene-d5
 Concen: 118.57 ng
 RT: 7.24 min Scan# 468
 Delta R.T. -0.05 min
 Lab File: BF092080.D
 Acq: 4 Jan 2017 20:55

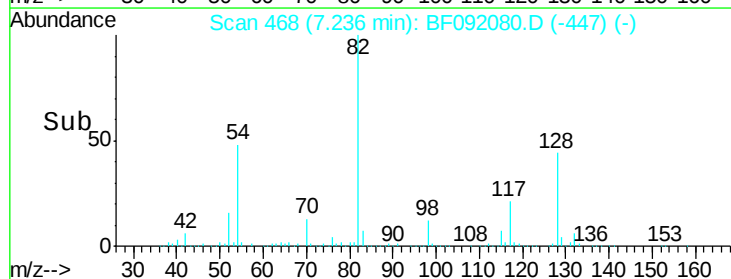
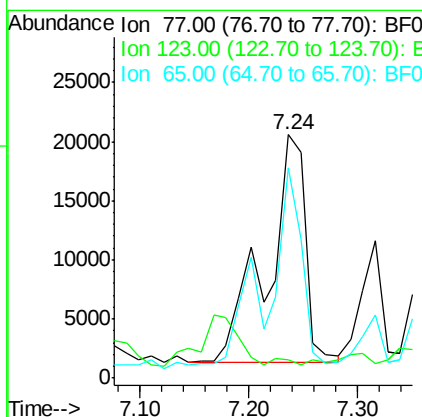
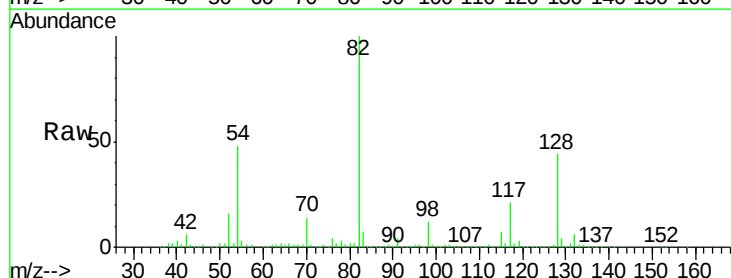
Instrument :
 BNA_F
 ClientSampleId :
 MW-37

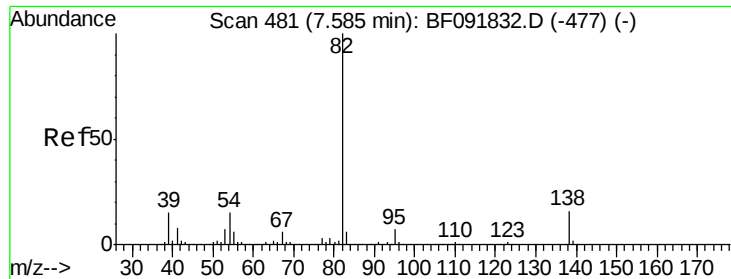
Tgt Ion: 82 Resp: 1509148
 Ion Ratio Lower Upper
 82 100
 128 44.1 34.6 52.0
 54 47.8 39.5 59.3



#24
 Nitrobenzene
 Concen: 3.45 ng
 RT: 7.24 min Scan# 468
 Delta R.T. -0.06 min
 Lab File: BF092080.D
 Acq: 4 Jan 2017 20:55

Tgt Ion: 77 Resp: 46789
 Ion Ratio Lower Upper
 77 100
 123 7.6 33.0 49.4#
 65 86.4 11.2 16.8#





#25

Isophorone

Concen: 2.93 ng

RT: 7.58 min Scan# 498

Delta R.T. 0.03 min

Lab File: BF092080.D

Acq: 4 Jan 2017 20:55

Instrument :

BNA_F

ClientSampleId :

MW-37

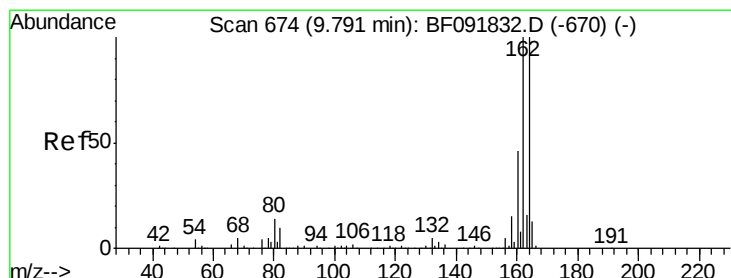
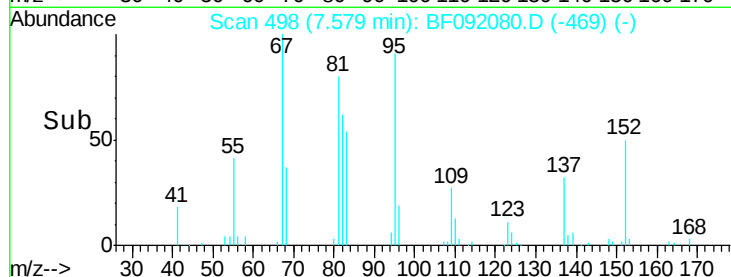
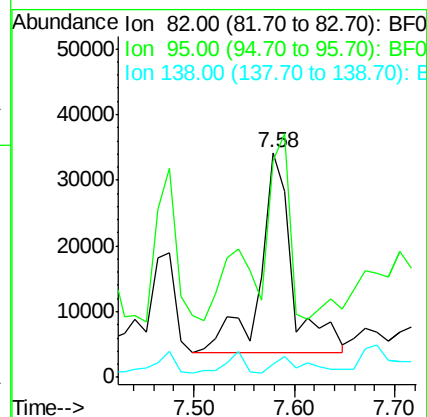
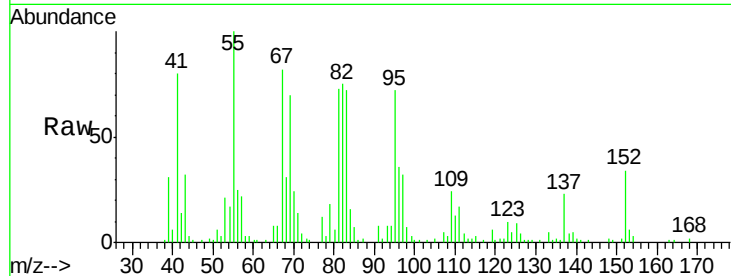
Tgt Ion: 82 Resp: 68866

Ion Ratio Lower Upper

82 100

95 96.4 5.6 8.4#

138 5.6 14.6 22.0#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 684

Delta R.T. -0.05 min

Lab File: BF092080.D

Acq: 4 Jan 2017 20:55

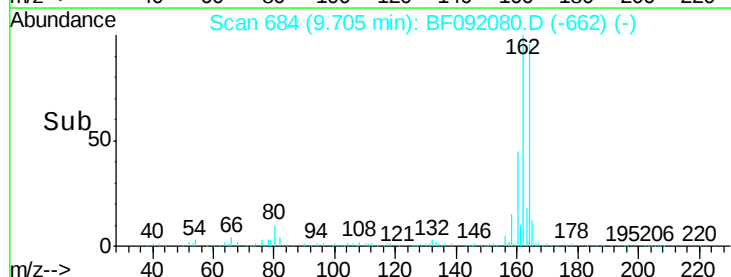
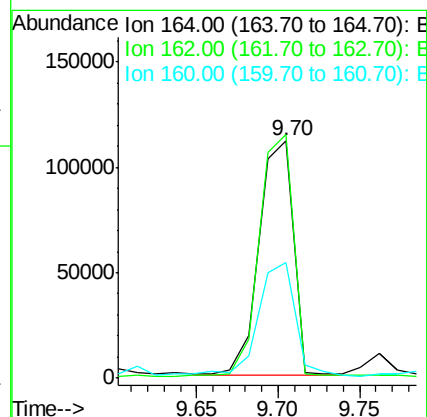
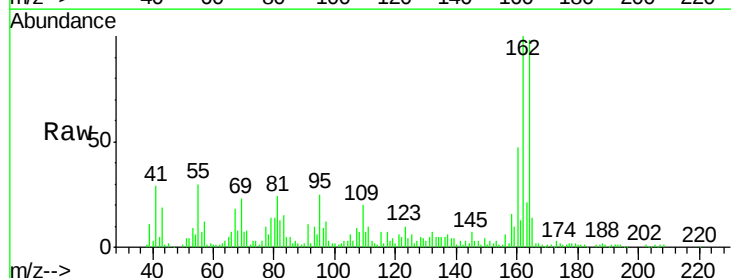
Tgt Ion: 164 Resp: 164601

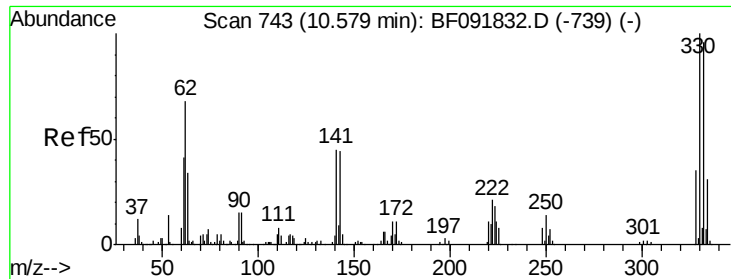
Ion Ratio Lower Upper

164 100

162 102.5 80.2 120.2

160 48.7 36.9 55.3

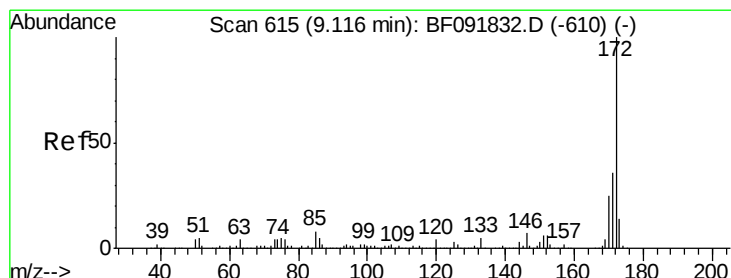
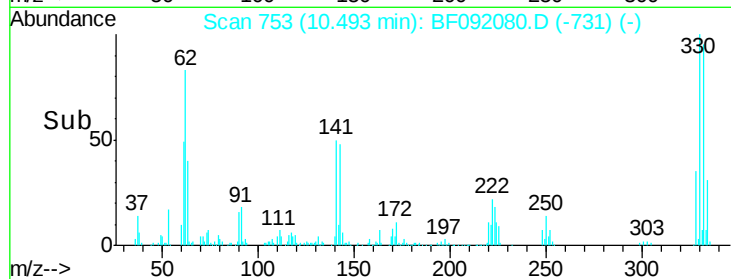
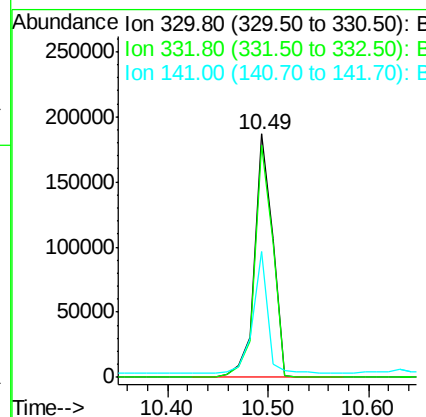
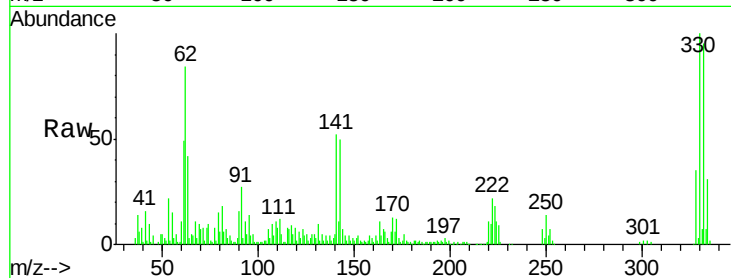




#41
 2,4,6-Tribromophenol
 Concen: 170.21 ng
 RT: 10.49 min Scan# 753
 Delta R.T. -0.05 min
 Lab File: BF092080.D
 Acq: 4 Jan 2017 20:55

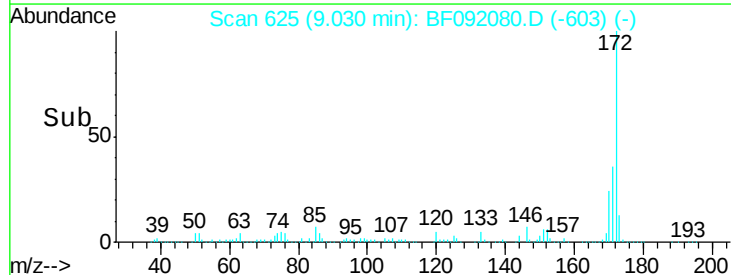
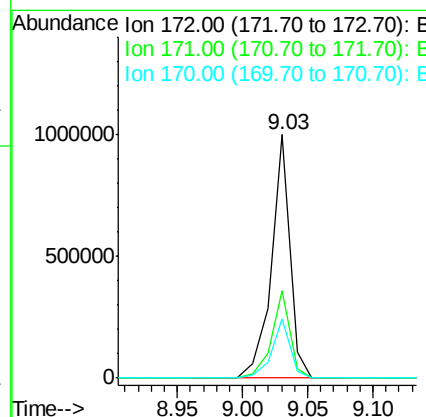
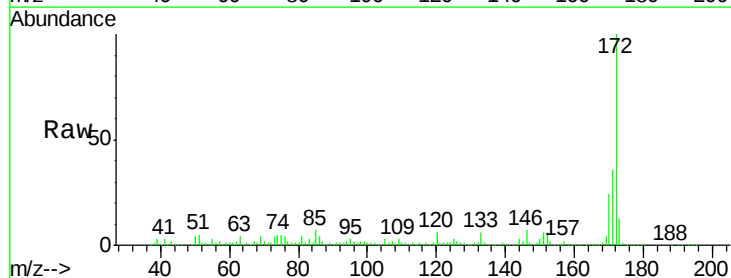
Instrument :
 BNA_F
 ClientSampleID :
 MW-37

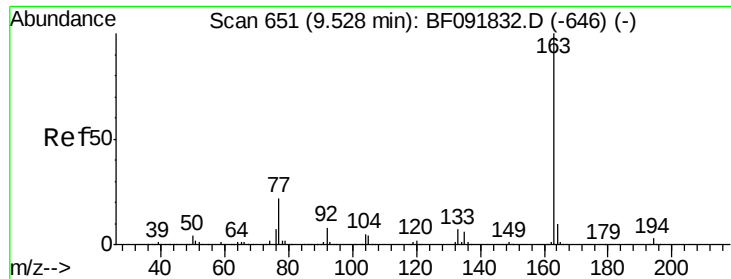
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.4	116.2
141	41.8	34.1	51.1



#44
 2-Fluorobiphenyl
 Concen: 131.21 ng
 RT: 9.03 min Scan# 625
 Delta R.T. -0.05 min
 Lab File: BF092080.D
 Acq: 4 Jan 2017 20:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.0
170	24.2	20.2	30.4





#49

Dimethylphthalate

Concen: 4.02 ng

RT: 9.43 min Scan# 660

Delta R.T. -0.06 min

Lab File: BF092080.D

Acq: 4 Jan 2017 20:55

Instrument :

BNA_F

ClientSampleId :

MW-37

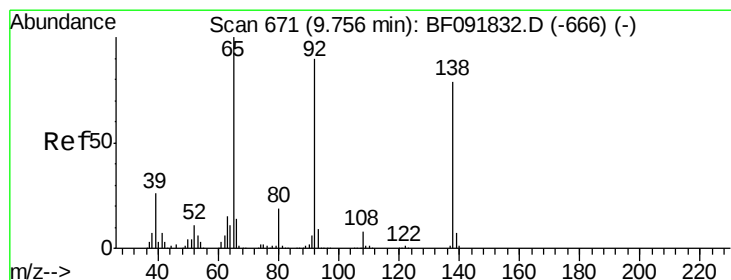
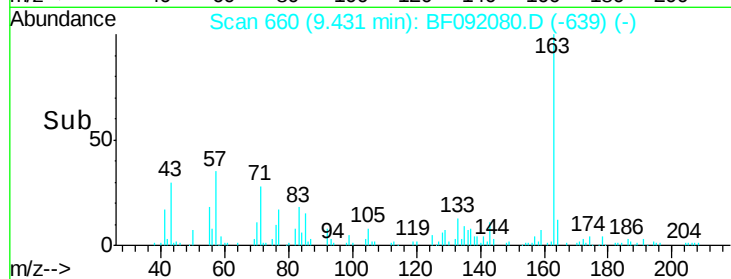
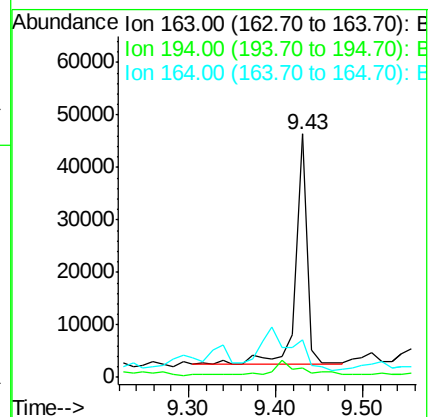
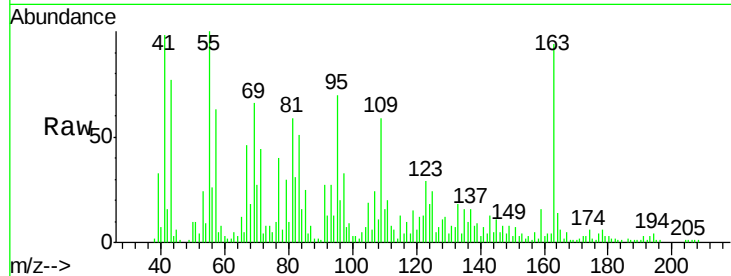
Tgt Ion:163 Resp: 42334

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

164 15.3 8.0 12.0#



#52

3-Nitroaniline

Concen: 3.77 ng

RT: 9.65 min Scan# 679

Delta R.T. -0.07 min

Lab File: BF092080.D

Acq: 4 Jan 2017 20:55

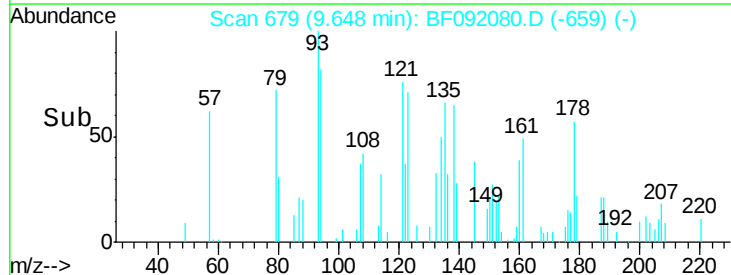
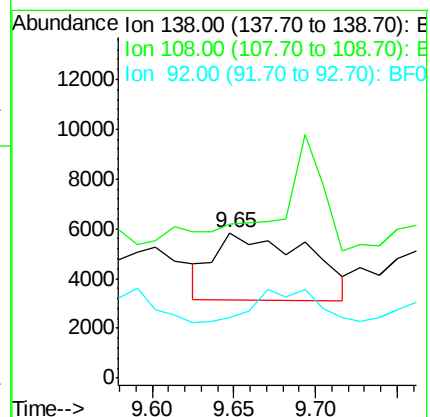
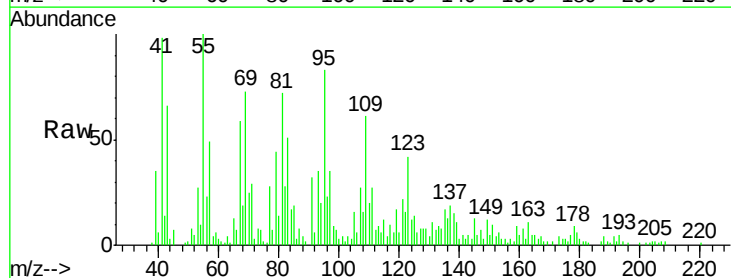
Tgt Ion:138 Resp: 10757

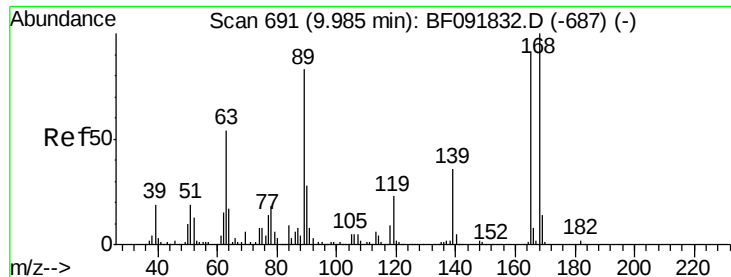
Ion Ratio Lower Upper

138 100

108 105.5 8.5 12.7#

92 42.0 97.8 146.8#

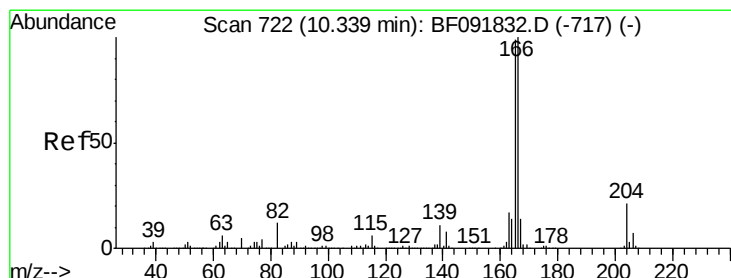
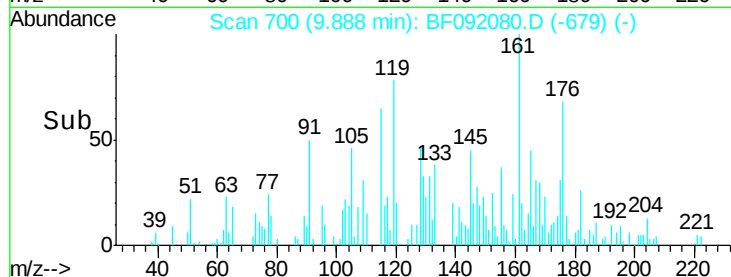
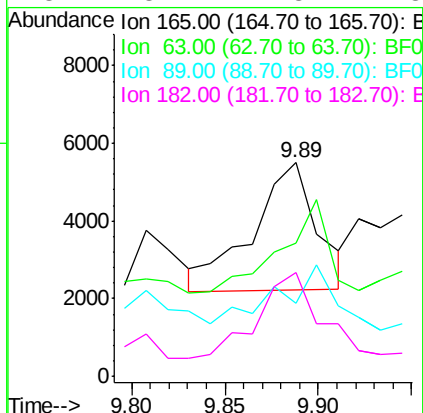
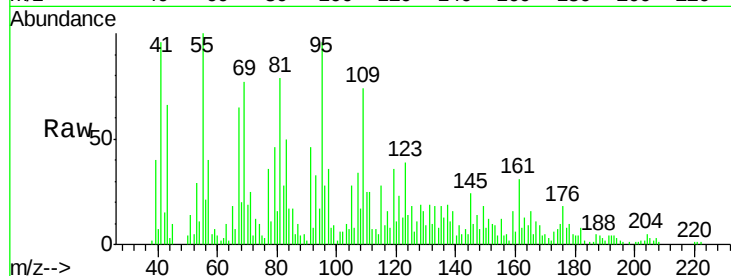




#56
2,4-Dinitrotoluene
Concen: 2.73 ng
RT: 9.89 min Scan# 700
Delta R.T. -0.06 min
Lab File: BF092080.D
Acq: 4 Jan 2017 20:55

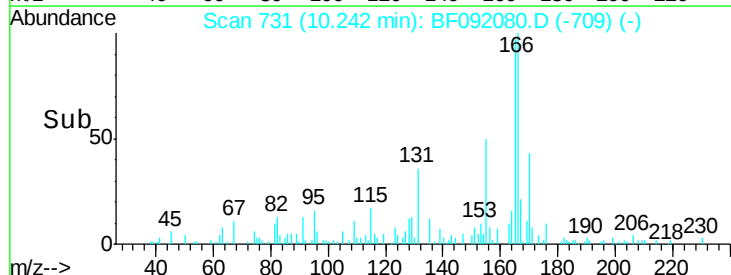
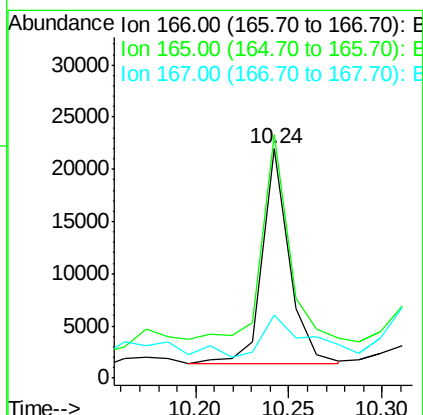
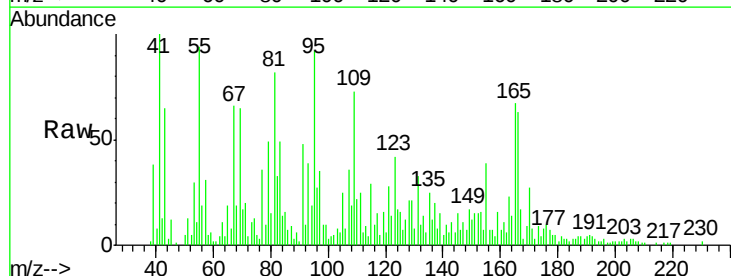
Instrument :
BNA_F
ClientSampleId :
MW-37

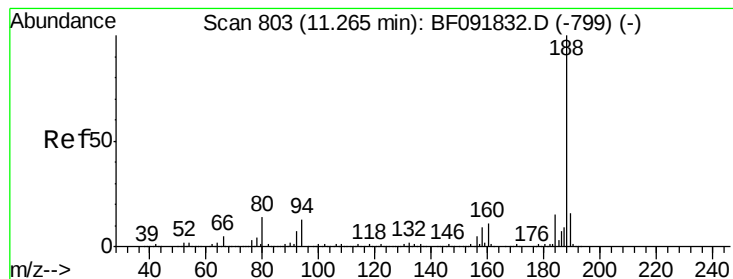
Tgt Ion:165 Resp: 7892
Ion Ratio Lower Upper
165 100
63 62.4 40.2 60.4#
89 34.3 62.5 93.7#
182 48.7 1.8 2.8#



#57
Fluorene
Concen: 2.24 ng
RT: 10.24 min Scan# 731
Delta R.T. -0.05 min
Lab File: BF092080.D
Acq: 4 Jan 2017 20:55

Tgt Ion:166 Resp: 20485
Ion Ratio Lower Upper
166 100
165 106.3 77.8 116.8
167 27.5 10.8 16.2#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.18 min Scan# 813

Delta R.T. -0.05 min

Lab File: BF092080.D

Acq: 4 Jan 2017 20:55

Instrument :

BNA_F

ClientSampleId :

MW-37

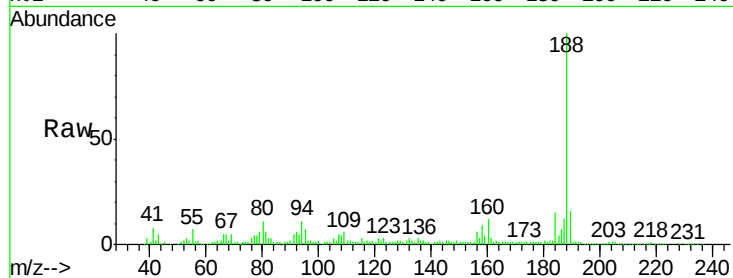
Tgt Ion:188 Resp: 268535

Ion Ratio Lower Upper

188 100

94 10.8 10.0 15.0

80 11.0 11.2 16.8#

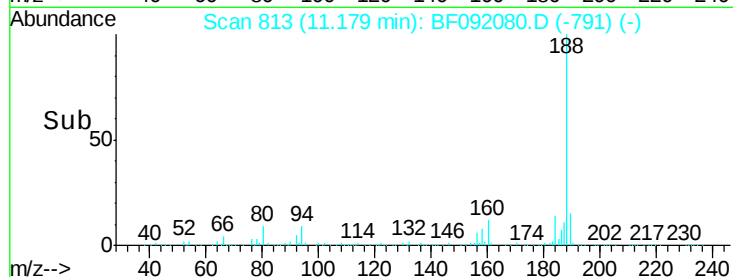


Abundance Ion 188.00 (187.70 to 188.70): E

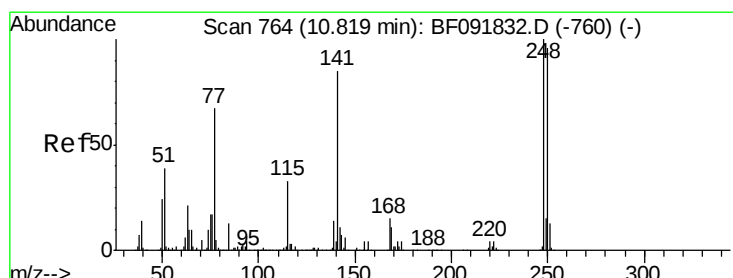
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time-->



Time-->



#66

4-Bromophenyl-phenylether

Concen: 4.96 ng

RT: 10.49 min Scan# 753

Delta R.T. -0.29 min

Lab File: BF092080.D

Acq: 4 Jan 2017 20:55

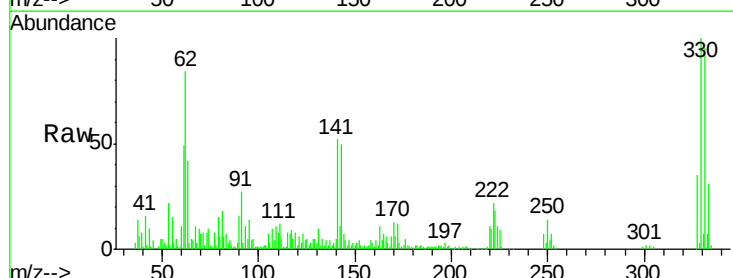
Tgt Ion:248 Resp: 13843

Ion Ratio Lower Upper

248 100

250 198.2 76.9 115.3#

141 742.9 68.2 102.4#

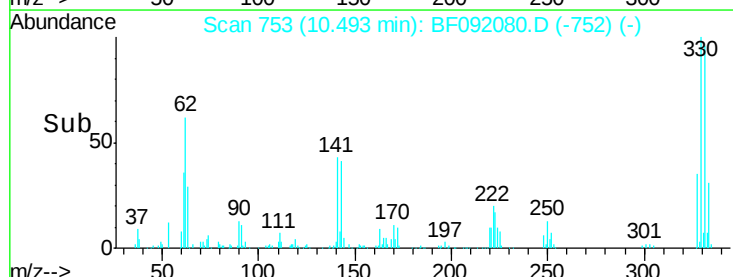


Abundance Ion 248.00 (247.70 to 248.70): E

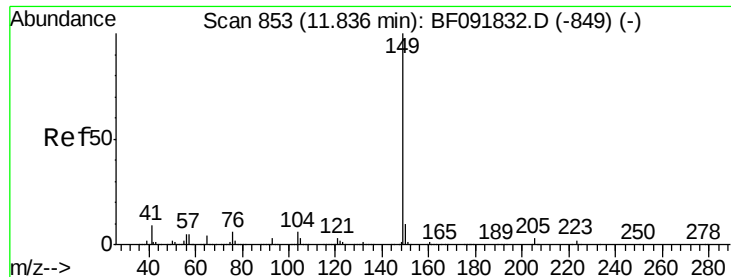
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->



Time-->



#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.76 min Scan# 864

Delta R.T. -0.04 min

Lab File: BF092080.D

Acq: 4 Jan 2017 20:55

Instrument :

BNA_F

ClientSampleId :

MW-37

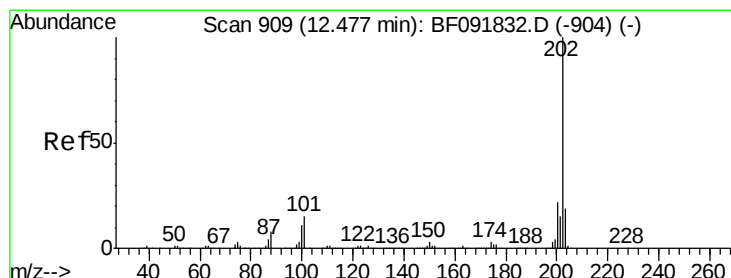
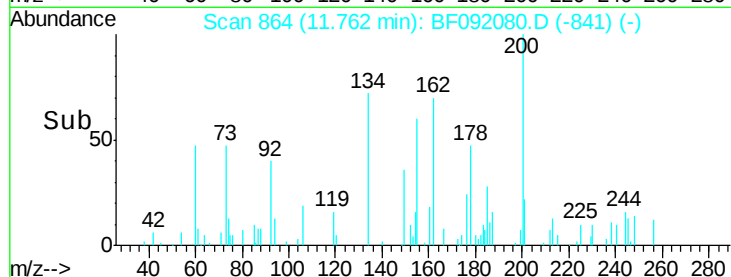
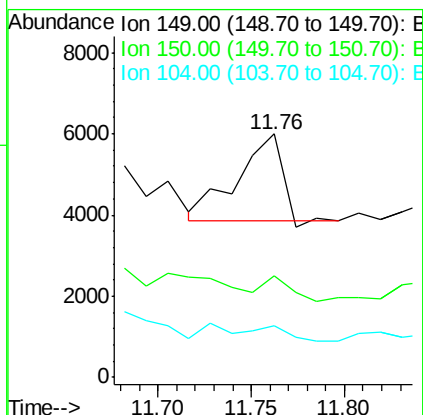
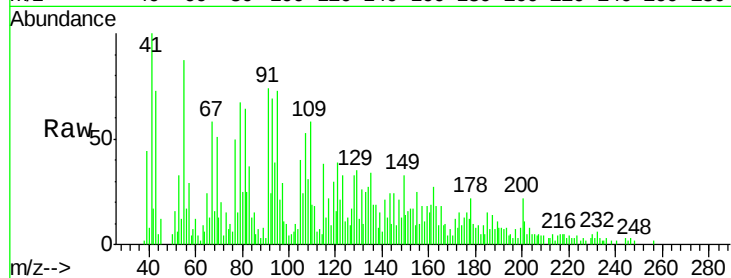
Tgt Ion:149 Resp: 3457

Ion Ratio Lower Upper

149 100

150 41.9 8.1 12.1#

104 21.1 4.6 7.0#



#74

Fluoranthene

Concen: Below Cal

RT: 12.38 min Scan# 918

Delta R.T. -0.06 min

Lab File: BF092080.D

Acq: 4 Jan 2017 20:55

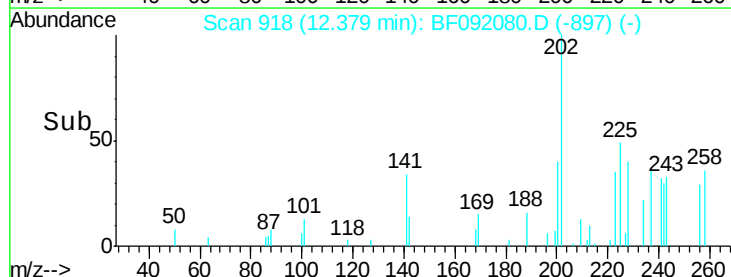
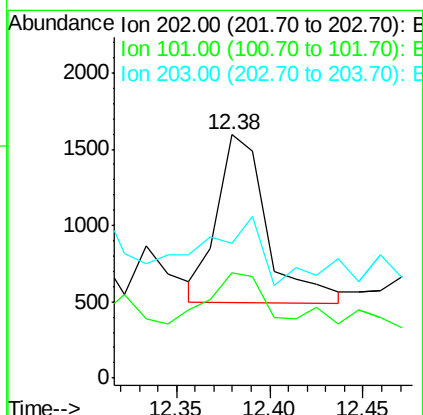
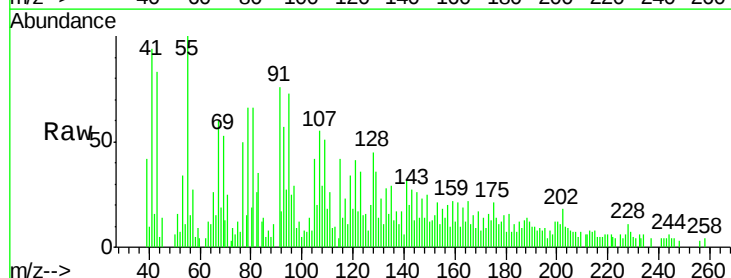
Tgt Ion:202 Resp: 2078

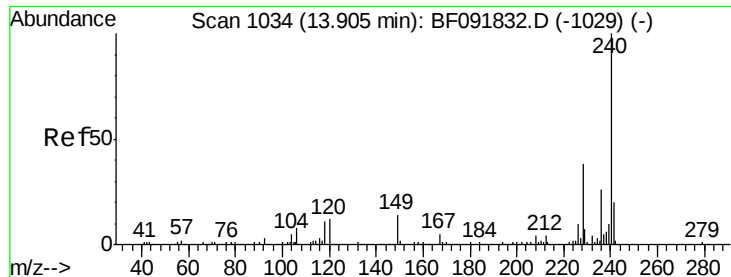
Ion Ratio Lower Upper

202 100

101 43.5 0.0 34.6#

203 55.4 0.0 38.7#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.81 min Scan# 1043

Delta R.T. -0.06 min

Lab File: BF092080.D

Acq: 4 Jan 2017 20:55

Instrument :

BNA_F

ClientSampleId :

MW-37

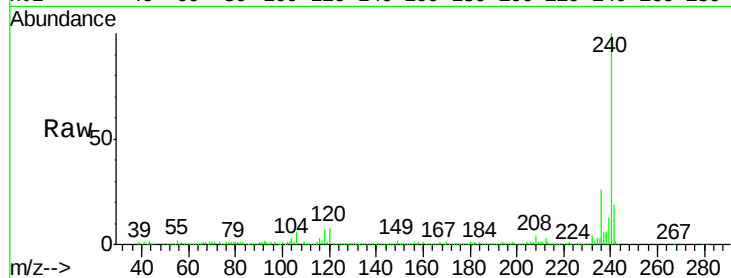
Tgt Ion:240 Resp: 430993

Ion Ratio Lower Upper

240 100

120 8.2 12.9 19.3#

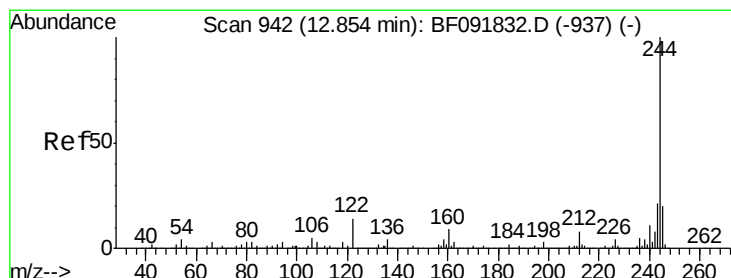
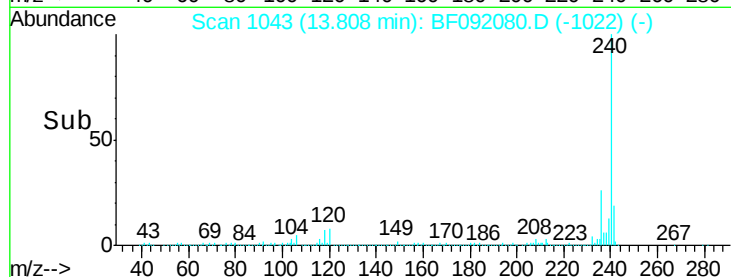
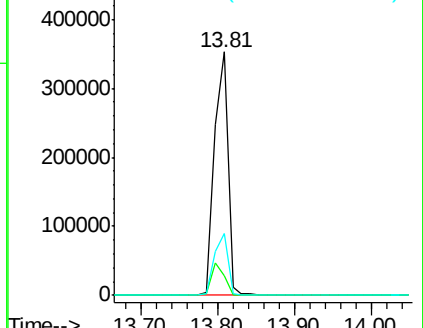
236 25.6 20.9 31.3



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: 48.05 ng

RT: 12.77 min Scan# 952

Delta R.T. -0.05 min

Lab File: BF092080.D

Acq: 4 Jan 2017 20:55

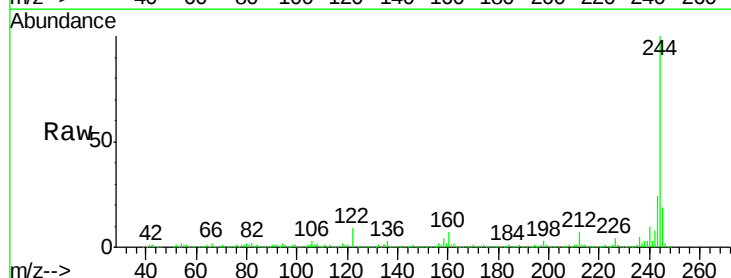
Tgt Ion:244 Resp: 853946

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

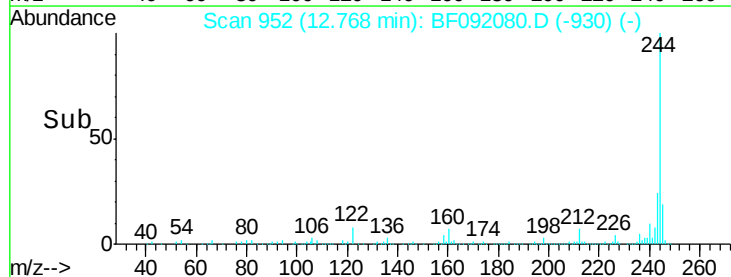
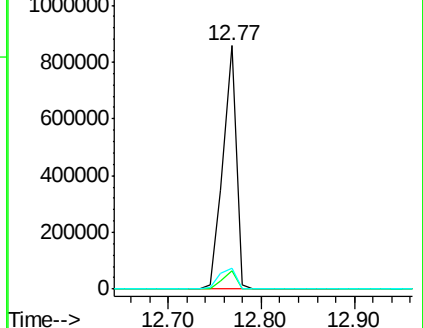
122 8.6 11.4 17.2#

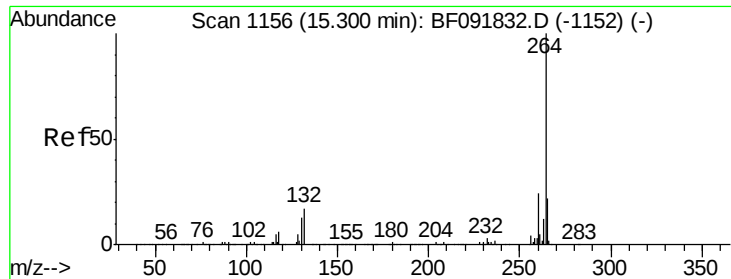


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.18 min Scan# 1163
Delta R.T. -0.07 min
Lab File: BF092080.D
Acq: 4 Jan 2017 20:55

Instrument :
BNA_F
ClientSampleId :
MW-37

Tgt Ion: 264 Resp: 327861
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 21.6 17.4 26.0

