

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111116\
 Data File : BF091153.D
 Acq On : 11 Nov 2016 21:13
 Operator : UM/SJ
 Sample : H5609-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Quant Time: Nov 11 23:58:42 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	169097	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	729327	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	373662	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	553871	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	404090	20.00	ng	-0.03
86) Perylene-d12	15.15	264	307822	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.23	112	660600	64.52	ng	-0.01
7) Phenol-d6	6.30	99	582803	41.94	ng	-0.01
23) Nitrobenzene-d5	7.22	82	1261370	94.35	ng	-0.02
41) 2,4,6-Tribromophenol	10.48	330	540087	159.88	ng	-0.01
44) 2-Fluorobiphenyl	9.01	172	1970209	90.78	ng	-0.02
78) Terphenyl-d14	12.74	244	1623260	100.24	ng	-0.02

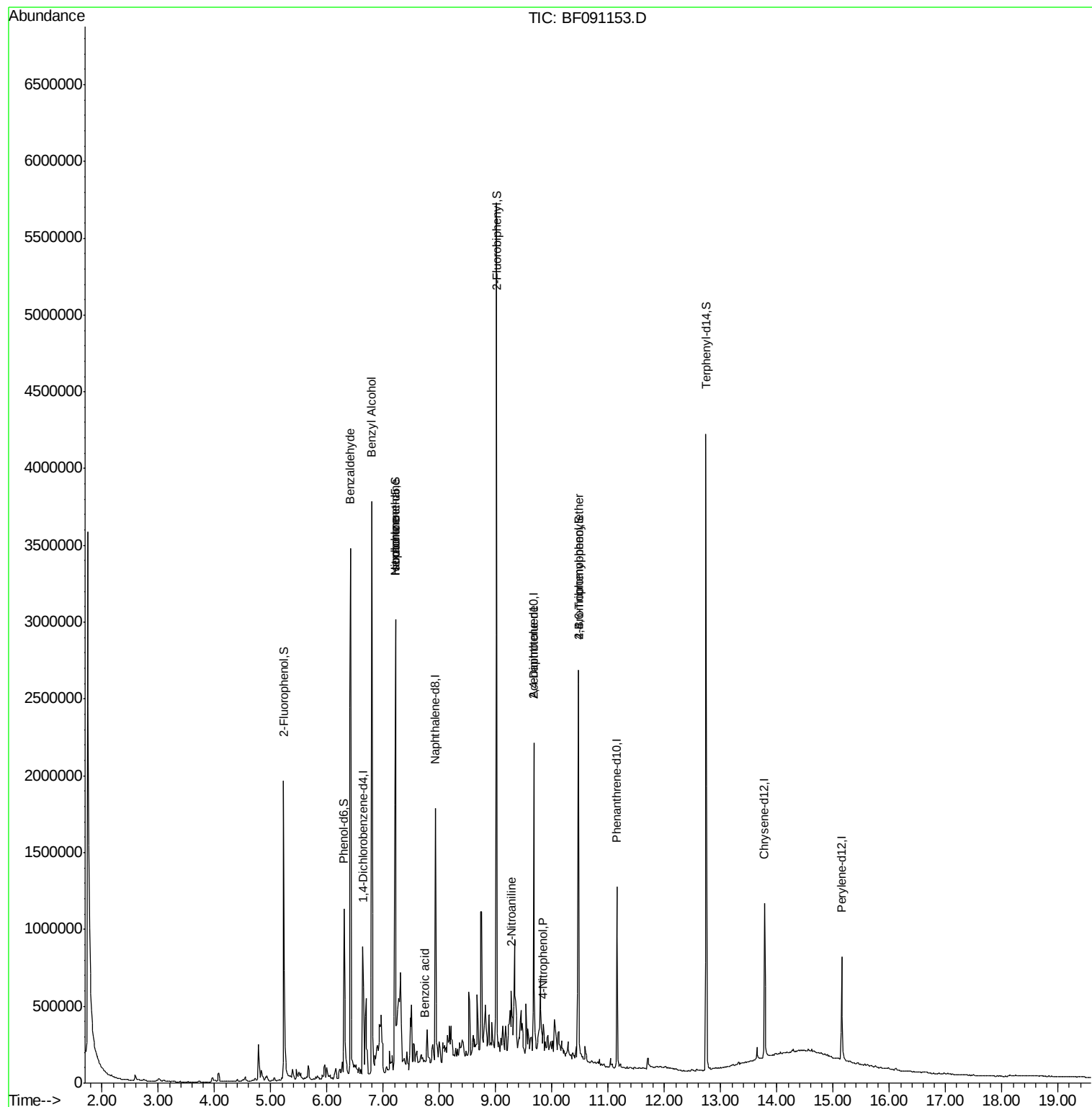
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.42	77	30214	3.92	ng	90
15) Benzyl Alcohol	6.80	79	24430	2.49	ng	# 56
18) Hexachloroethane	7.22	117	13988	2.73	ng	# 10
25) Isophorone	7.22	82	1197551	46.48	ng	# 68
32) Benzoic acid	7.74	122	5607	5.70	ng	# 63
47) 2-Nitroaniline	9.28	65	23507	3.06	ng	# 29
55) 4-Nitrophenol	9.84	139	1804	6.14	ng	# 1
56) 2,4-Dinitrotoluene	9.68	165	50014	7.49	ng	# 29
66) 4-Bromophenyl-phenylether	10.48	248	34918	6.06	ng	# 1

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111116\
Data File : BF091153.D
Acq On : 11 Nov 2016 21:13
Operator : UM/SJ
Sample : H5609-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2

Quant Time: Nov 11 23:58:42 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 433

Delta R.T. -0.02 min

Lab File: BF091153.D

Acq: 11 Nov 2016 21:13

Instrument :

BNA_F

ClientSampleId :

MW-2

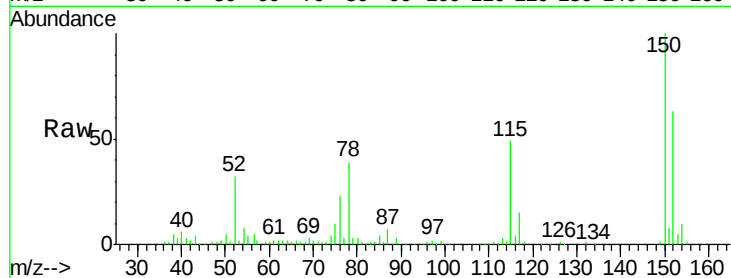
Tgt Ion:152 Resp: 169097

Ion Ratio Lower Upper

152 100

150 157.8 126.8 190.2

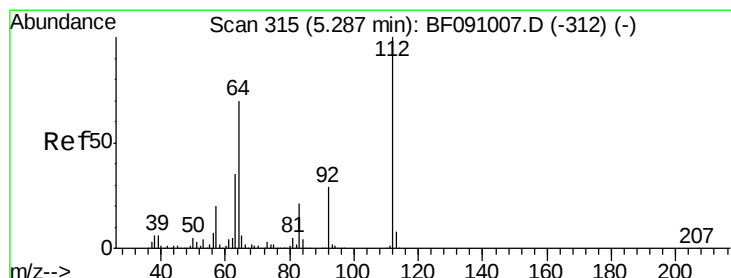
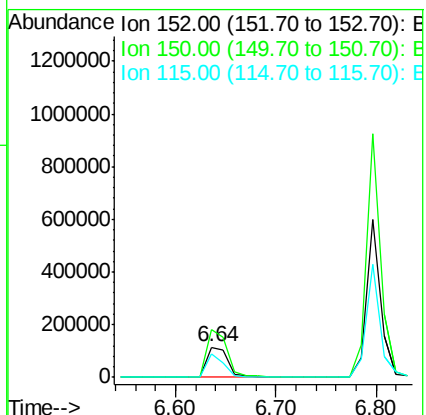
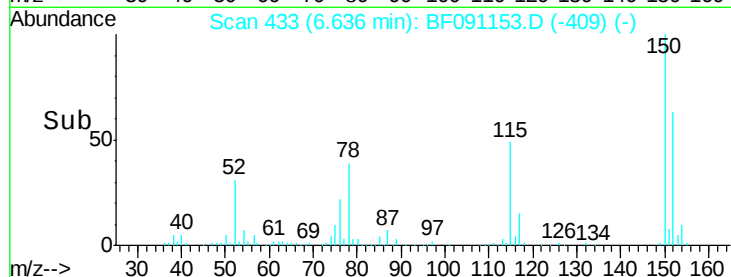
115 77.3 53.3 79.9



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: 64.52 ng

RT: 5.23 min Scan# 310

Delta R.T. -0.01 min

Lab File: BF091153.D

Acq: 11 Nov 2016 21:13

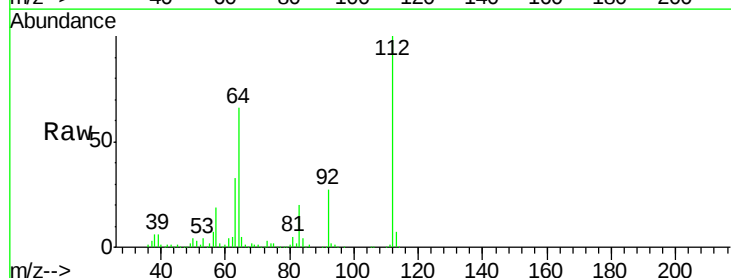
Tgt Ion:112 Resp: 660600

Ion Ratio Lower Upper

112 100

64 65.6 55.8 83.6

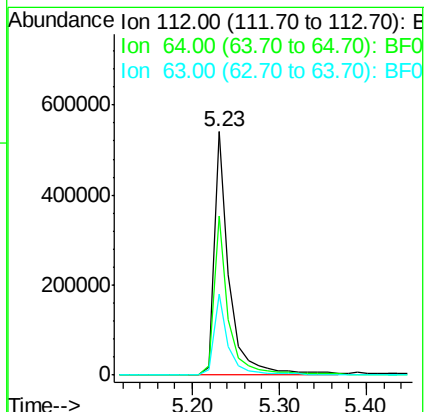
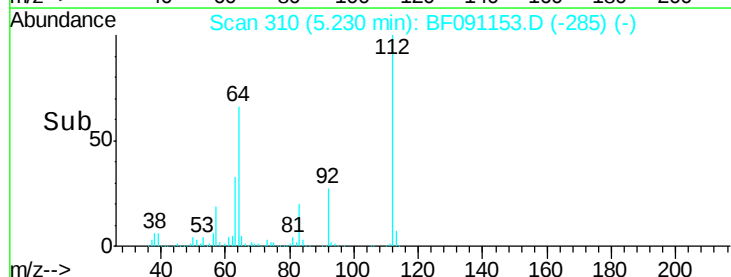
63 33.4 28.0 42.0

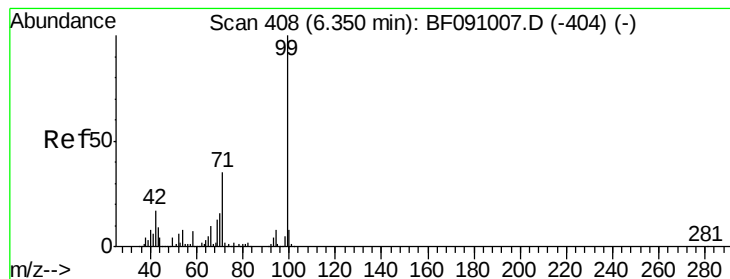


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 41.94 ng

RT: 6.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: BF091153.D

Acq: 11 Nov 2016 21:13

Instrument :

BNA_F

ClientSampled :

MW-2

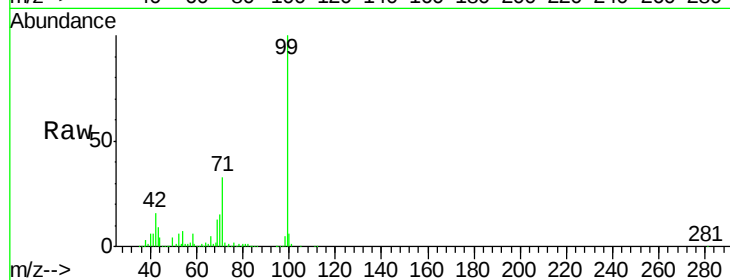
Tgt Ion: 99 Resp: 582803

Ion Ratio Lower Upper

99 100

42 16.3 13.9 20.9

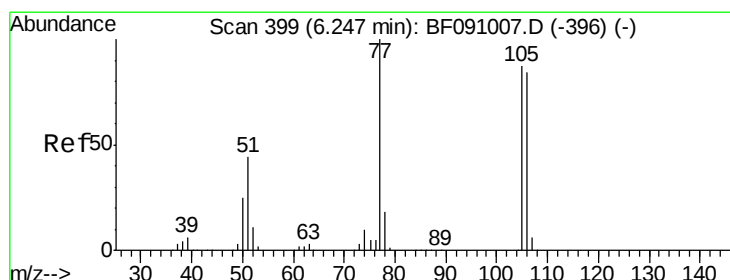
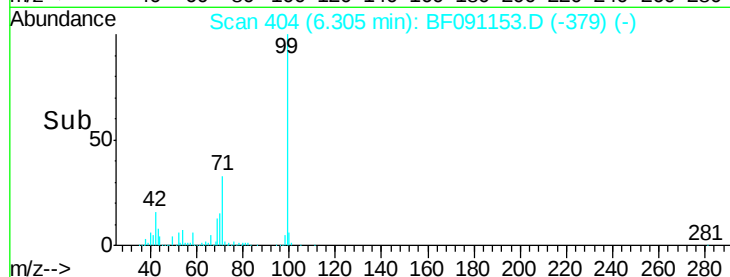
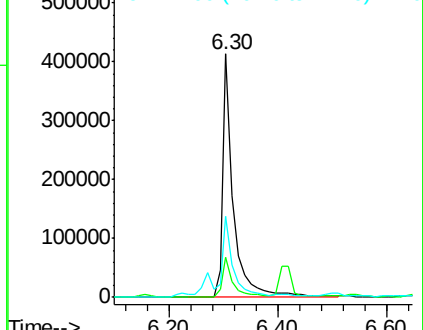
71 33.2 27.8 41.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 3.92 ng

RT: 6.42 min Scan# 414

Delta R.T. 0.22 min

Lab File: BF091153.D

Acq: 11 Nov 2016 21:13

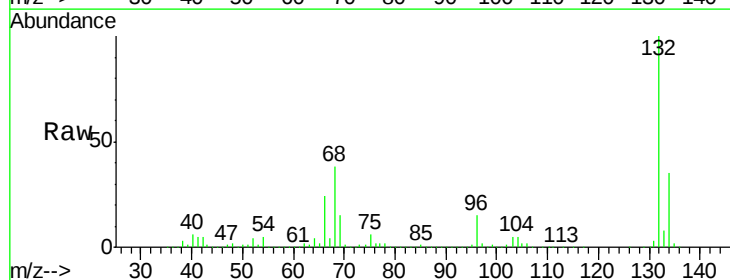
Tgt Ion: 77 Resp: 30214

Ion Ratio Lower Upper

77 100

105 81.3 66.8 106.8

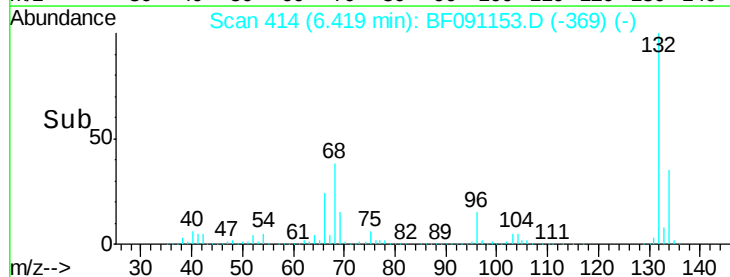
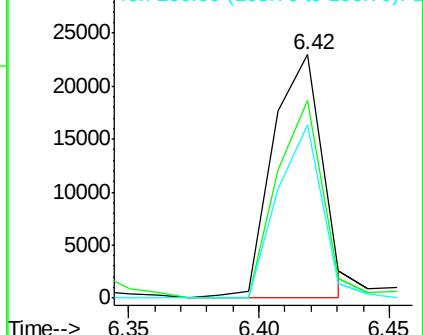
106 71.2 64.0 104.0

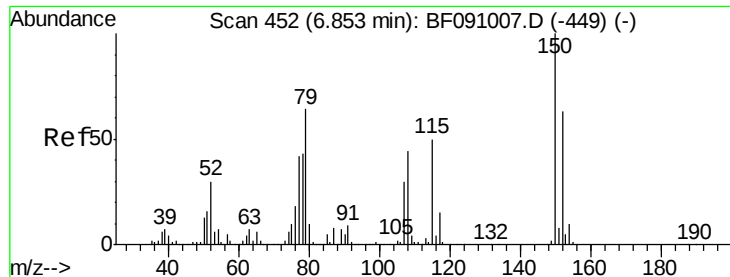


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0





#15

Benzyl Alcohol

Concen: 2.49 ng

RT: 6.80 min Scan# 447

Delta R.T. -0.02 min

Lab File: BF091153.D

Acq: 11 Nov 2016 21:13

Instrument :

BNA_F

ClientSampleId :

MW-2

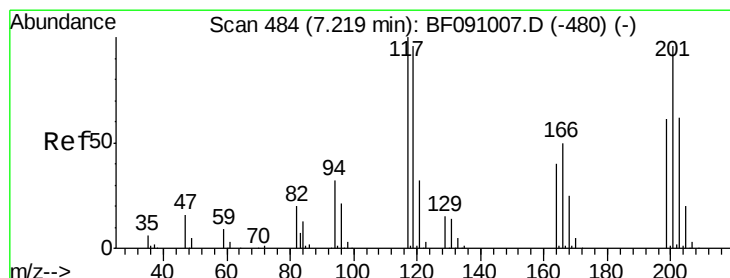
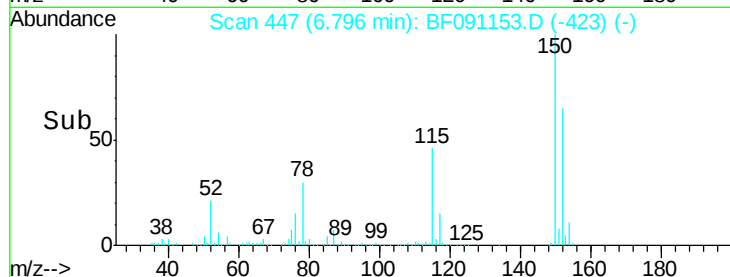
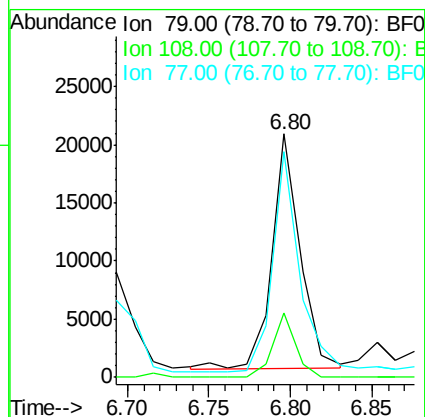
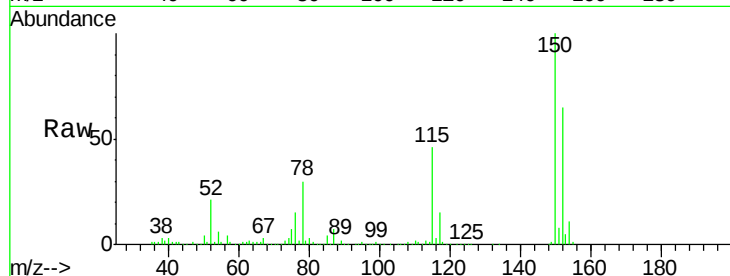
Tgt Ion: 79 Resp: 24430

Ion Ratio Lower Upper

79 100

108 26.4 55.7 83.5#

77 92.7 52.6 79.0#



#18

Hexachloroethane

Concen: 2.73 ng

RT: 7.22 min Scan# 484

Delta R.T. 0.05 min

Lab File: BF091153.D

Acq: 11 Nov 2016 21:13

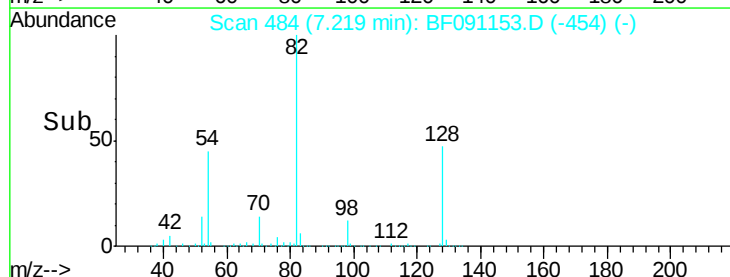
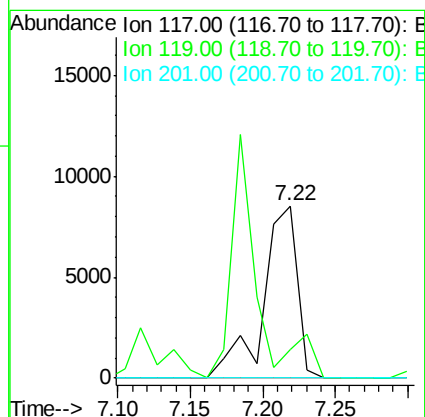
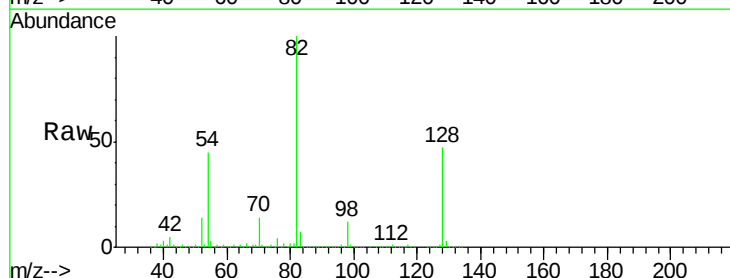
Tgt Ion: 117 Resp: 13988

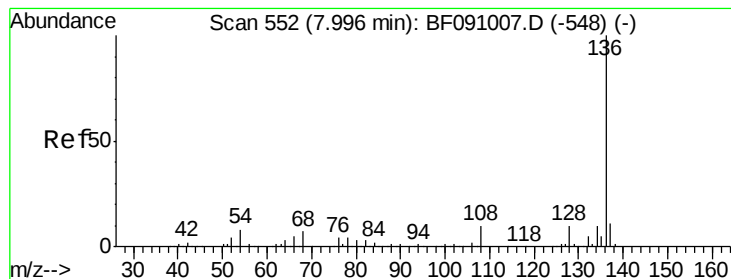
Ion Ratio Lower Upper

117 100

119 16.3 76.6 115.0#

201 0.0 77.1 115.7#

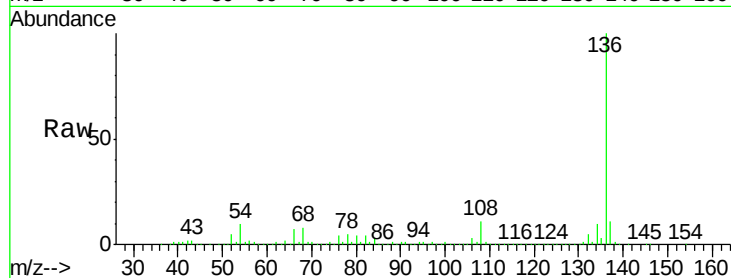




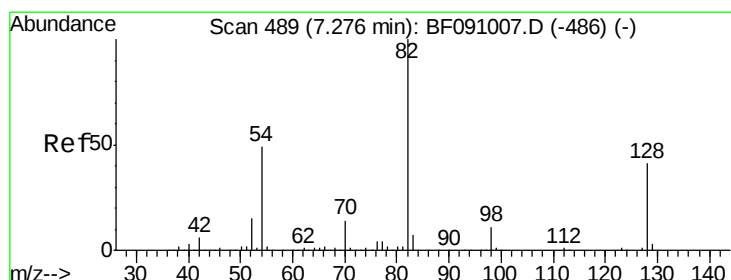
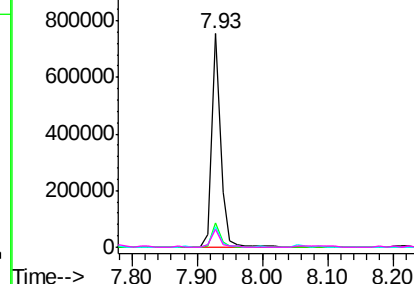
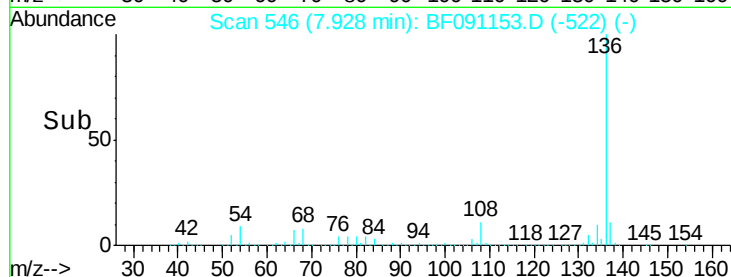
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 546
Delta R.T. -0.02 min
Lab File: BF091153.D
Acq: 11 Nov 2016 21:13

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:	136	Resp:	729327
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	9.7	6.2	9.2#
68	8.4	5.5	8.3#

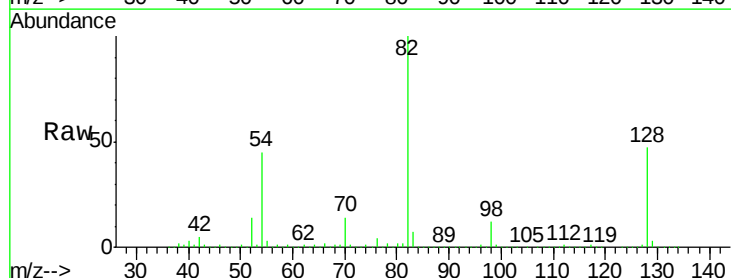


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

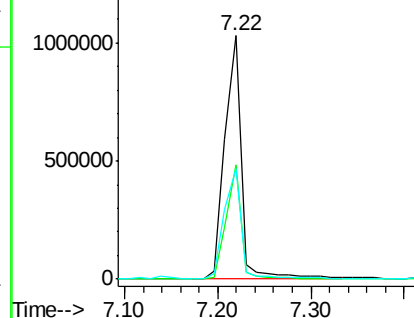
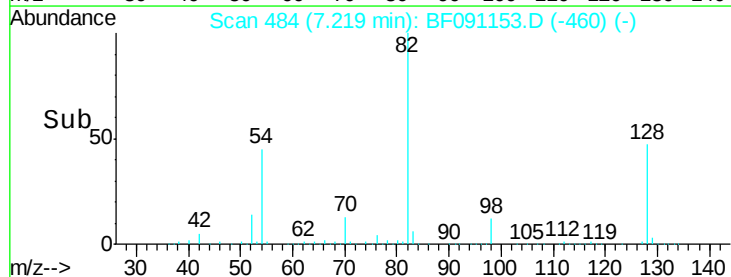


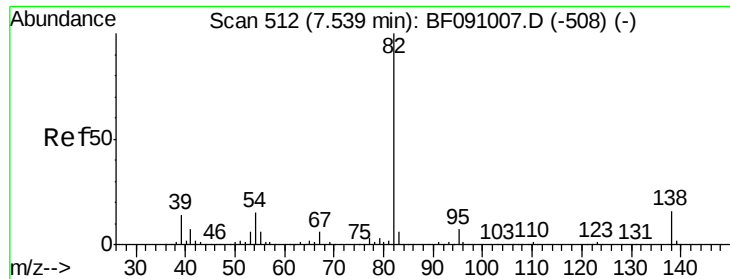
#23
Nitrobenzene-d5
Concen: 94.35 ng
RT: 7.22 min Scan# 484
Delta R.T. -0.02 min
Lab File: BF091153.D
Acq: 11 Nov 2016 21:13

Tgt Ion:	82	Resp:	1261370
Ion	Ratio	Lower	Upper
82	100		
128	46.9	32.4	48.6
54	45.3	39.2	58.8



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





#25

Isophorone

Concen: 46.48 ng

RT: 7.22 min Scan# 484

Delta R.T. -0.27 min

Lab File: BF091153.D

Acq: 11 Nov 2016 21:13

Instrument :

BNA_F

ClientSampleId :

MW-2

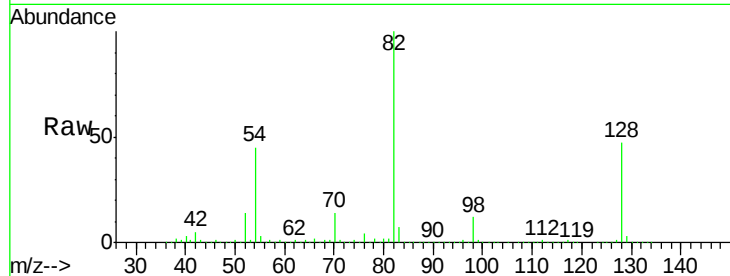
Tgt Ion: 82 Resp: 1197551

Ion Ratio Lower Upper

82 100

95 0.2 5.4 8.0#

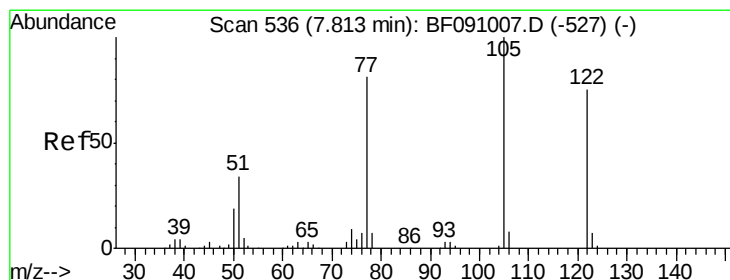
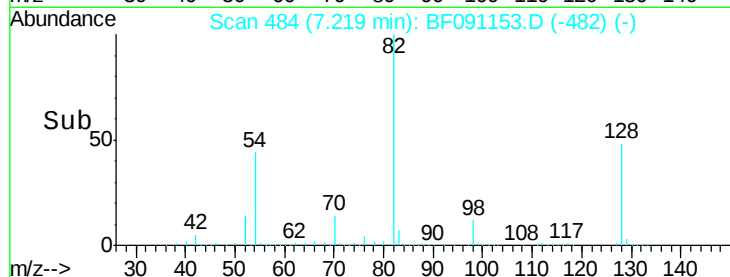
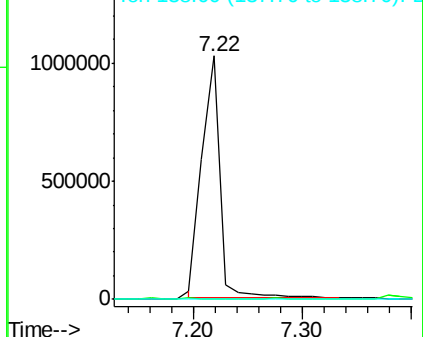
138 0.0 13.0 19.4#



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



#32

Benzoic acid

Concen: 5.70 ng

RT: 7.74 min Scan# 530

Delta R.T. -0.03 min

Lab File: BF091153.D

Acq: 11 Nov 2016 21:13

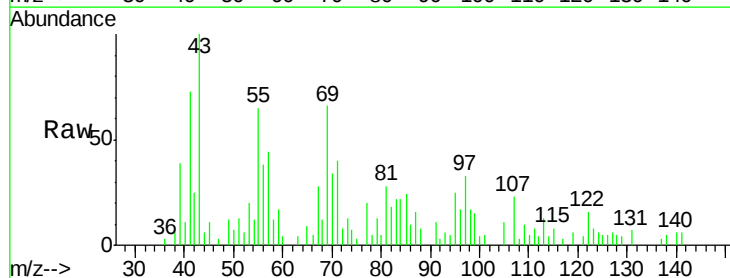
Tgt Ion: 122 Resp: 5607

Ion Ratio Lower Upper

122 100

105 68.0 105.9 145.9#

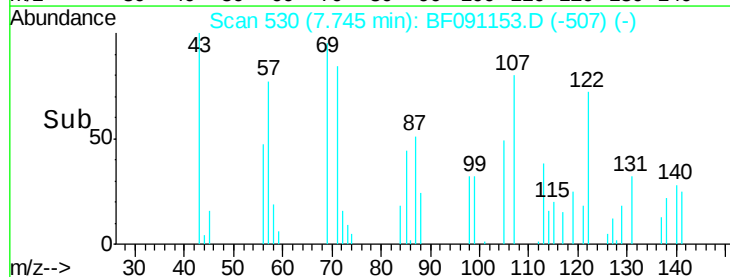
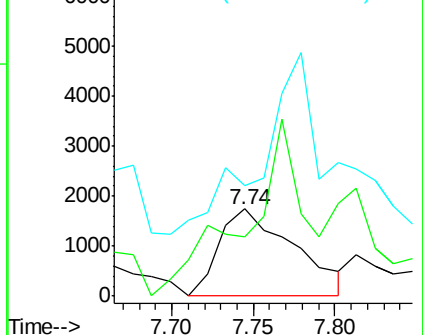
77 125.9 84.0 124.0#

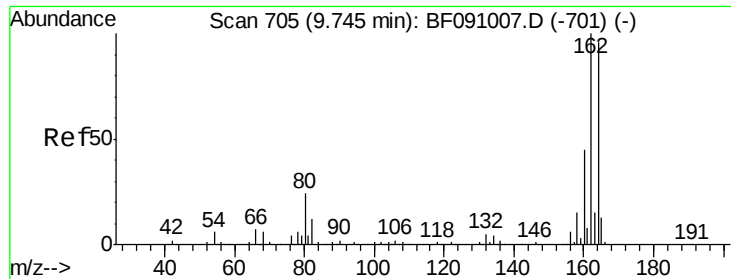


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.68 min Scan# 699

Delta R.T. -0.02 min

Lab File: BF091153.D

Acq: 11 Nov 2016 21:13

Instrument :

BNA_F

ClientSampleId :

MW-2

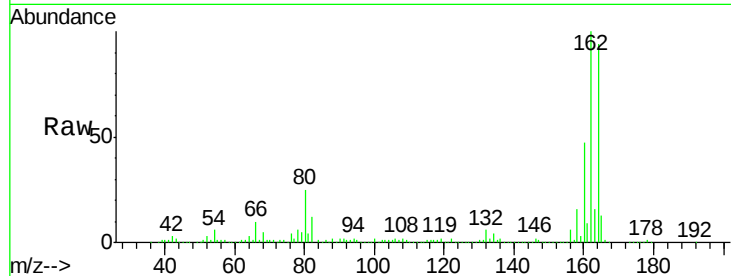
Tgt Ion:164 Resp: 373662

Ion Ratio Lower Upper

164 100

162 105.9 83.6 125.4

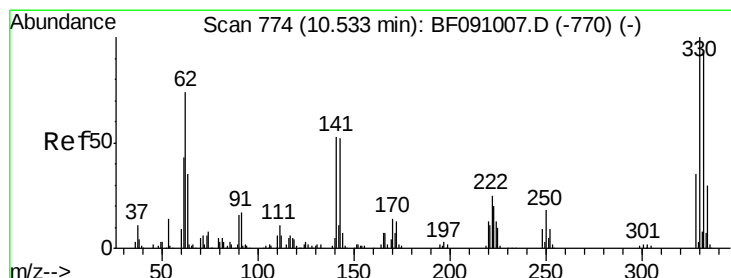
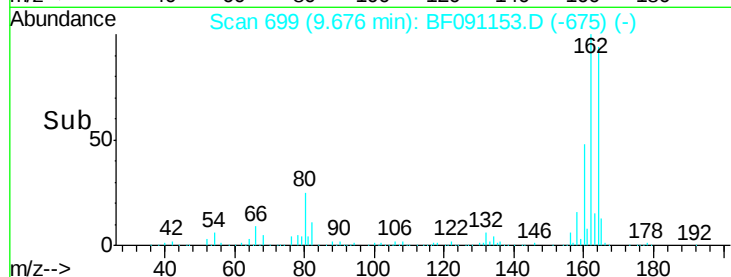
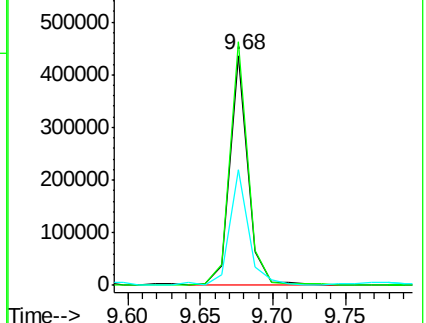
160 50.1 37.9 56.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 159.88 ng

RT: 10.48 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF091153.D

Acq: 11 Nov 2016 21:13

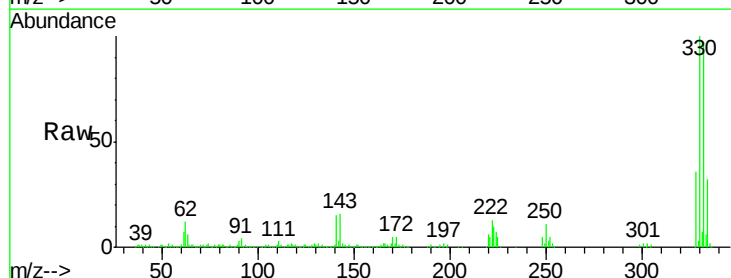
Tgt Ion:330 Resp: 540087

Ion Ratio Lower Upper

330 100

332 96.4 75.9 113.9

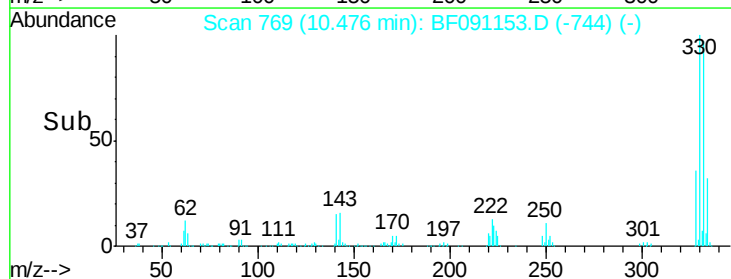
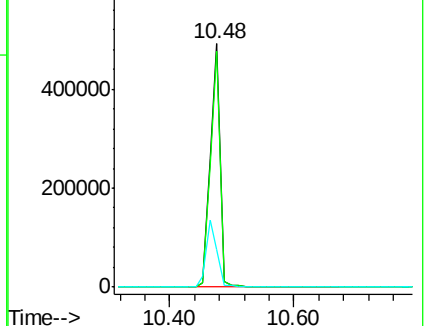
141 30.6 36.1 54.1#

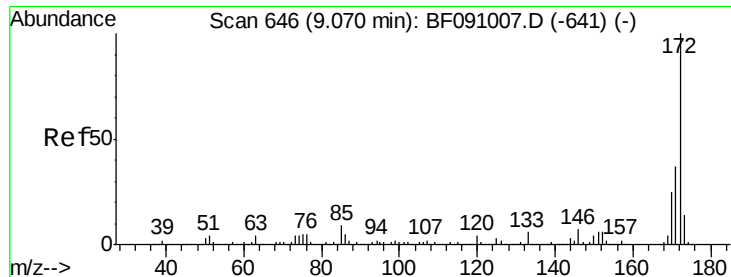


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

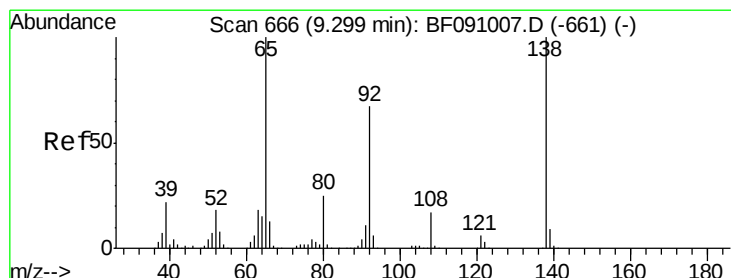
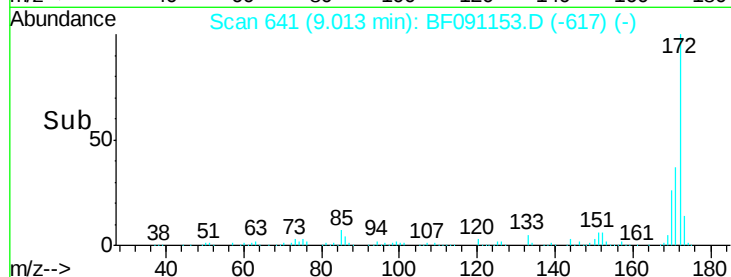
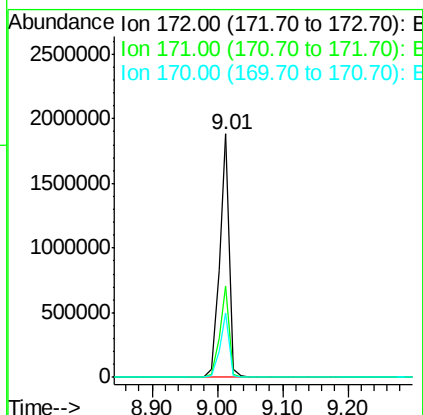
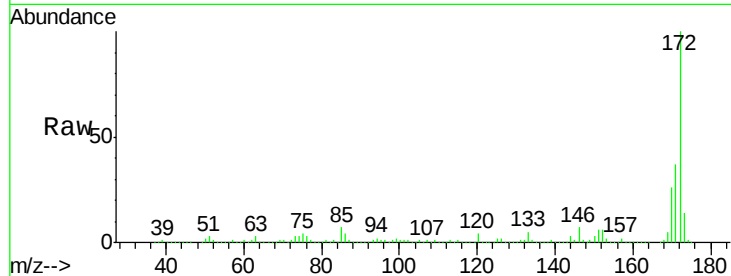




#44
 2-Fluorobiphenyl
 Concen: 90.78 ng
 RT: 9.01 min Scan# 641
 Delta R.T. -0.02 min
 Lab File: BF091153.D
 Acq: 11 Nov 2016 21:13

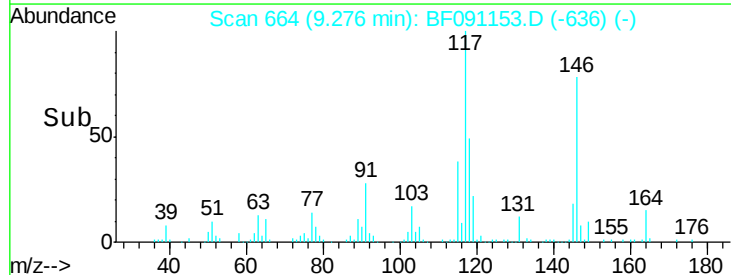
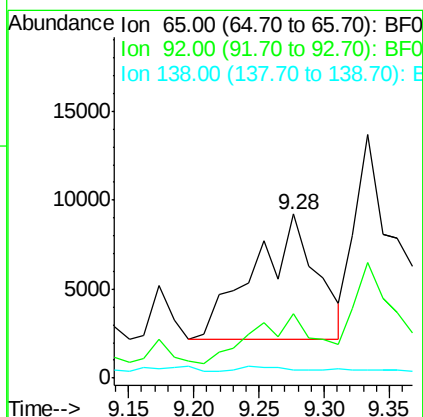
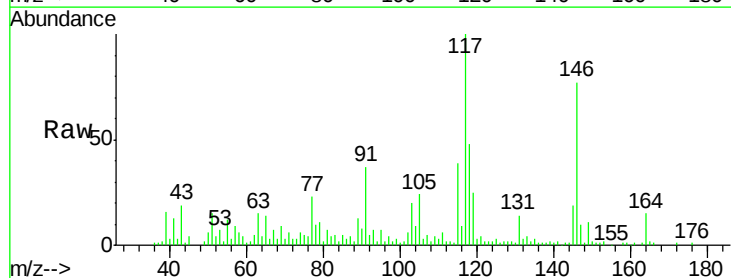
Instrument :
 BNA_F
 ClientSampleId :
 MW-2

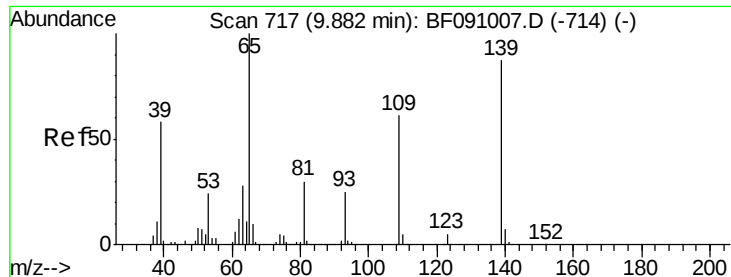
Tgt Ion: 172 Resp: 1970209
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.8 44.6
 170 26.4 20.3 30.5



#47
 2-Nitroaniline
 Concen: 3.06 ng
 RT: 9.28 min Scan# 664
 Delta R.T. 0.02 min
 Lab File: BF091153.D
 Acq: 11 Nov 2016 21:13

Tgt Ion: 65 Resp: 23507
 Ion Ratio Lower Upper
 65 100
 92 39.1 53.9 80.9#
 138 4.6 80.1 120.1#

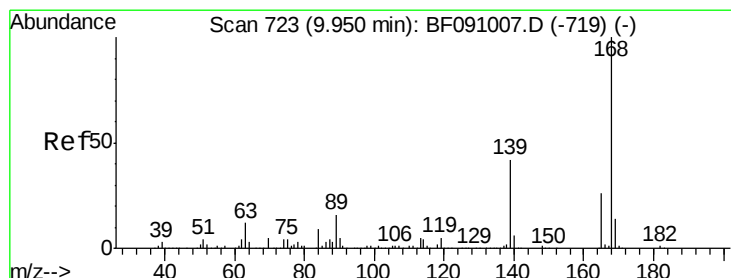
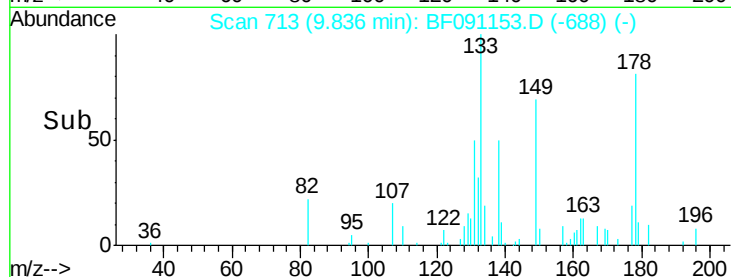
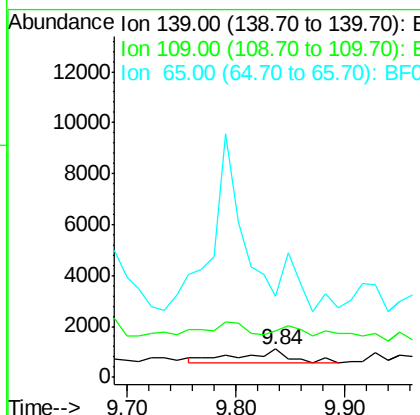
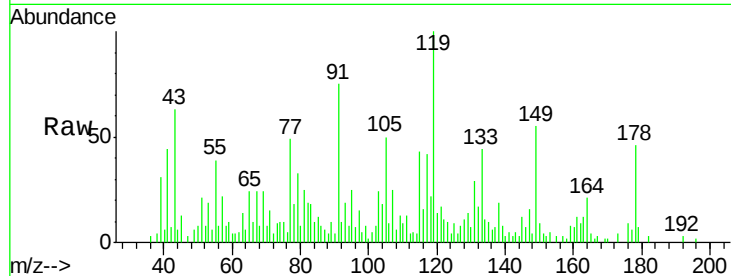




#55
4-Nitrophenol
Concen: 6.14 ng
RT: 9.84 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF091153.D
Acq: 11 Nov 2016 21:13

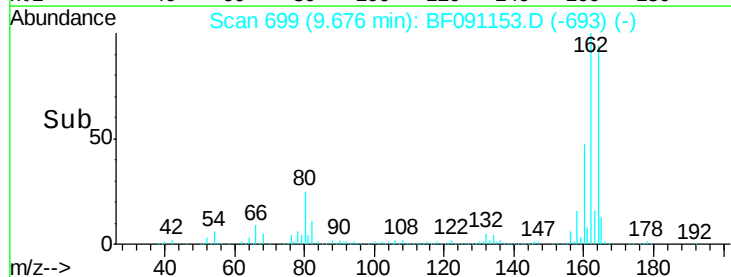
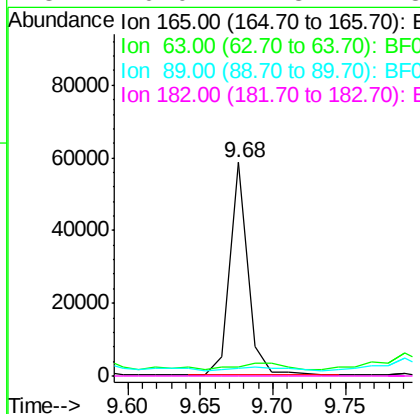
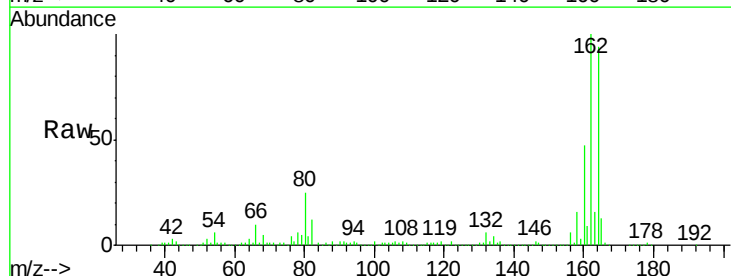
Instrument :
BNA_F
ClientSampleId :
MW-2

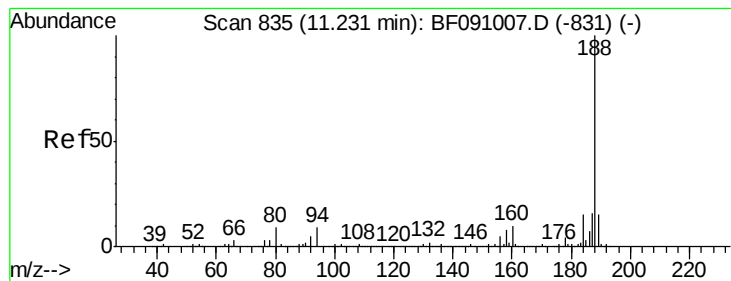
Tgt Ion:139 Resp: 1804
Ion Ratio Lower Upper
139 100
109 165.1 50.5 90.5#
65 288.8 97.1 137.1#



#56
2,4-Dinitrotoluene
Concen: 7.49 ng
RT: 9.68 min Scan# 699
Delta R.T. -0.23 min
Lab File: BF091153.D
Acq: 11 Nov 2016 21:13

Tgt Ion:165 Resp: 50014
Ion Ratio Lower Upper
165 100
63 4.2 38.7 58.1#
89 3.4 50.6 76.0#
182 0.0 1.8 2.8#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.15 min Scan# 828

Delta R.T. -0.02 min

Lab File: BF091153.D

Acq: 11 Nov 2016 21:13

Instrument :

BNA_F

ClientSampleId :

MW-2

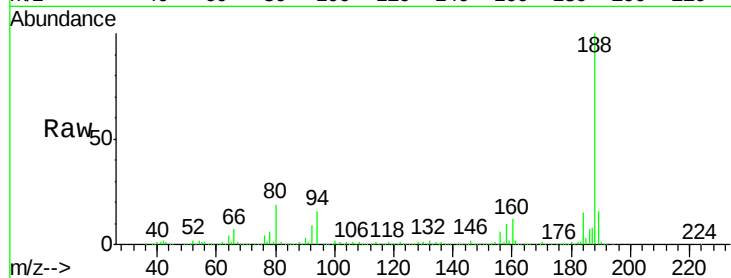
Tgt Ion:188 Resp: 553871

Ion Ratio Lower Upper

188 100

94 16.2 7.0 10.4#

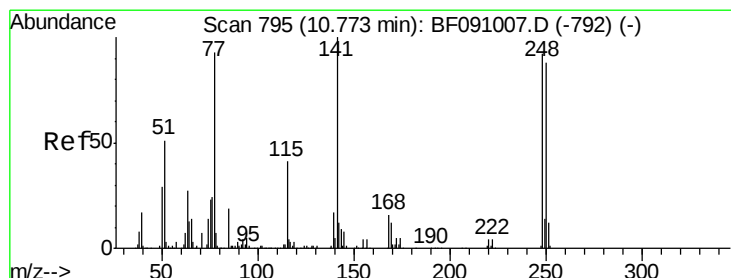
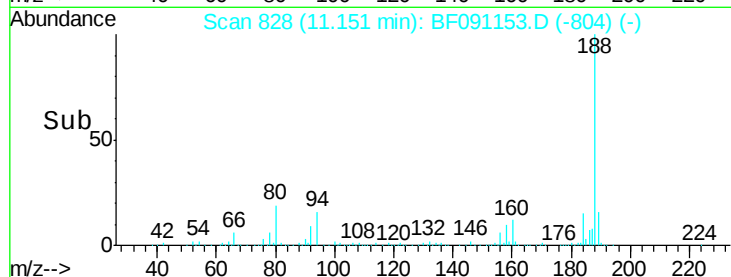
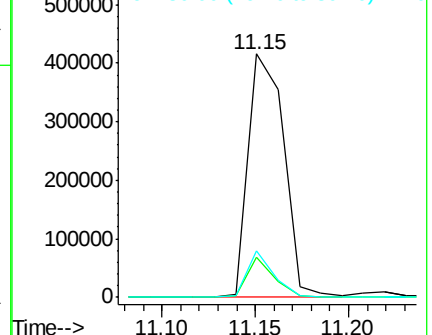
80 19.2 7.5 11.3#



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



#66

4-Bromophenyl-phenylether

Concen: 6.06 ng

RT: 10.48 min Scan# 769

Delta R.T. -0.25 min

Lab File: BF091153.D

Acq: 11 Nov 2016 21:13

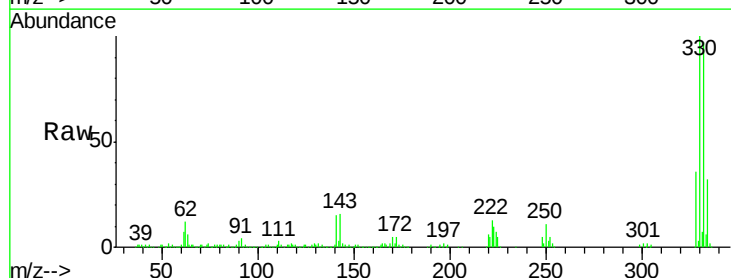
Tgt Ion:248 Resp: 34918

Ion Ratio Lower Upper

248 100

250 202.2 76.3 114.5#

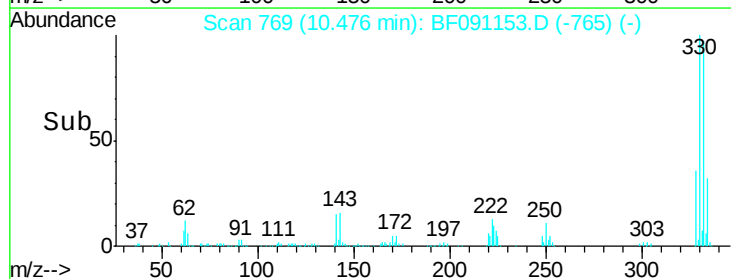
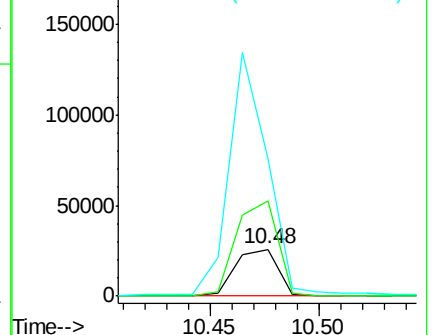
141 293.5 86.8 130.2#

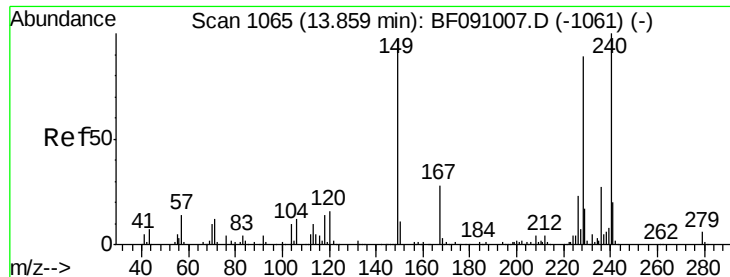


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.78 min Scan# 1058

Delta R.T. -0.03 min

Lab File: BF091153.D

Acq: 11 Nov 2016 21:13

Instrument :

BNA_F

ClientSampleId :

MW-2

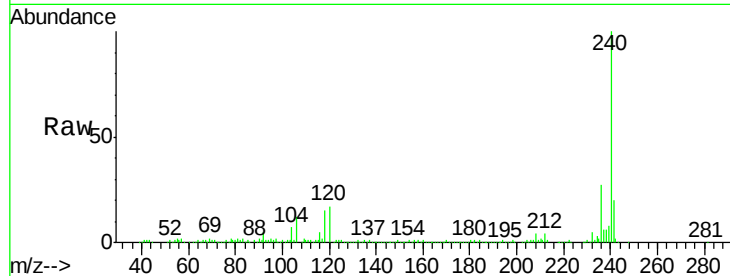
Tgt Ion:240 Resp: 404090

Ion Ratio Lower Upper

240 100

120 17.0 12.9 19.3

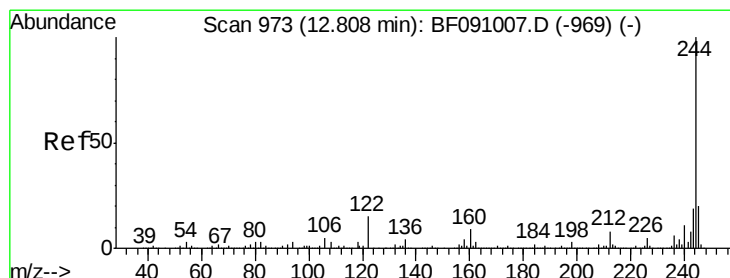
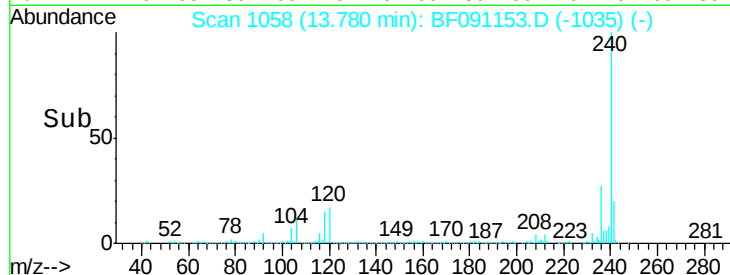
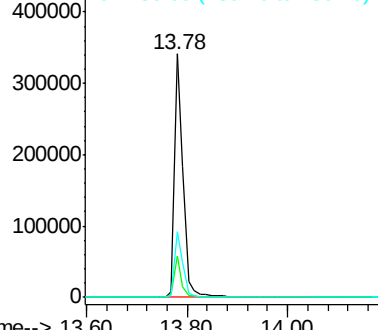
236 26.8 21.9 32.9



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: 100.24 ng

RT: 12.74 min Scan# 967

Delta R.T. -0.02 min

Lab File: BF091153.D

Acq: 11 Nov 2016 21:13

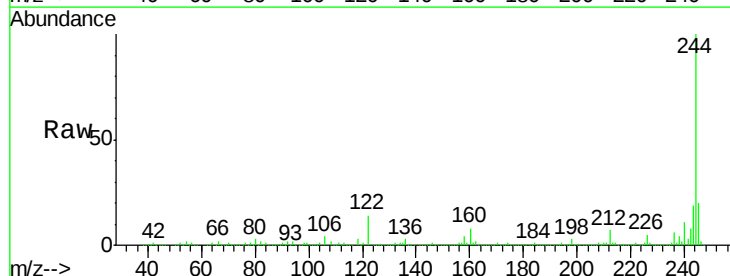
Tgt Ion:244 Resp: 1623260

Ion Ratio Lower Upper

244 100

212 7.4 6.4 9.6

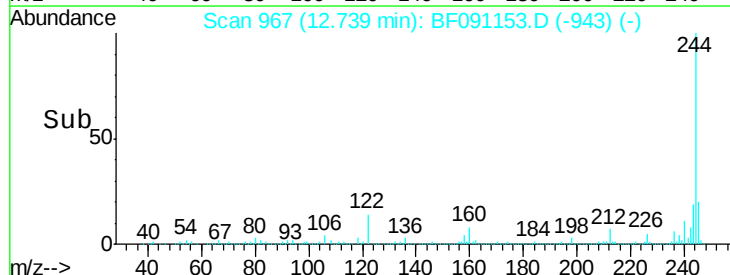
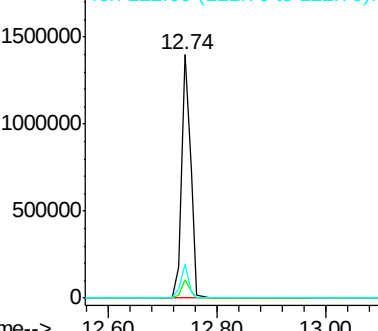
122 13.6 12.3 18.5

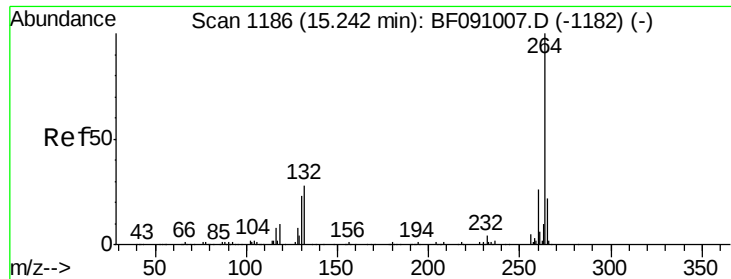


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.15 min Scan# 1178
Delta R.T. -0.03 min
Lab File: BF091153.D
Acq: 11 Nov 2016 21:13

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion: 264 Resp: 307822
Ion Ratio Lower Upper
264 100
260 24.2 20.6 30.8
265 21.9 17.8 26.8

