

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122016\
 Data File : BF091814.D
 Acq On : 20 Dec 2016 12:31
 Operator : UM/SJ
 Sample : H6147-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Quant Time: Dec 20 23:38:28 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

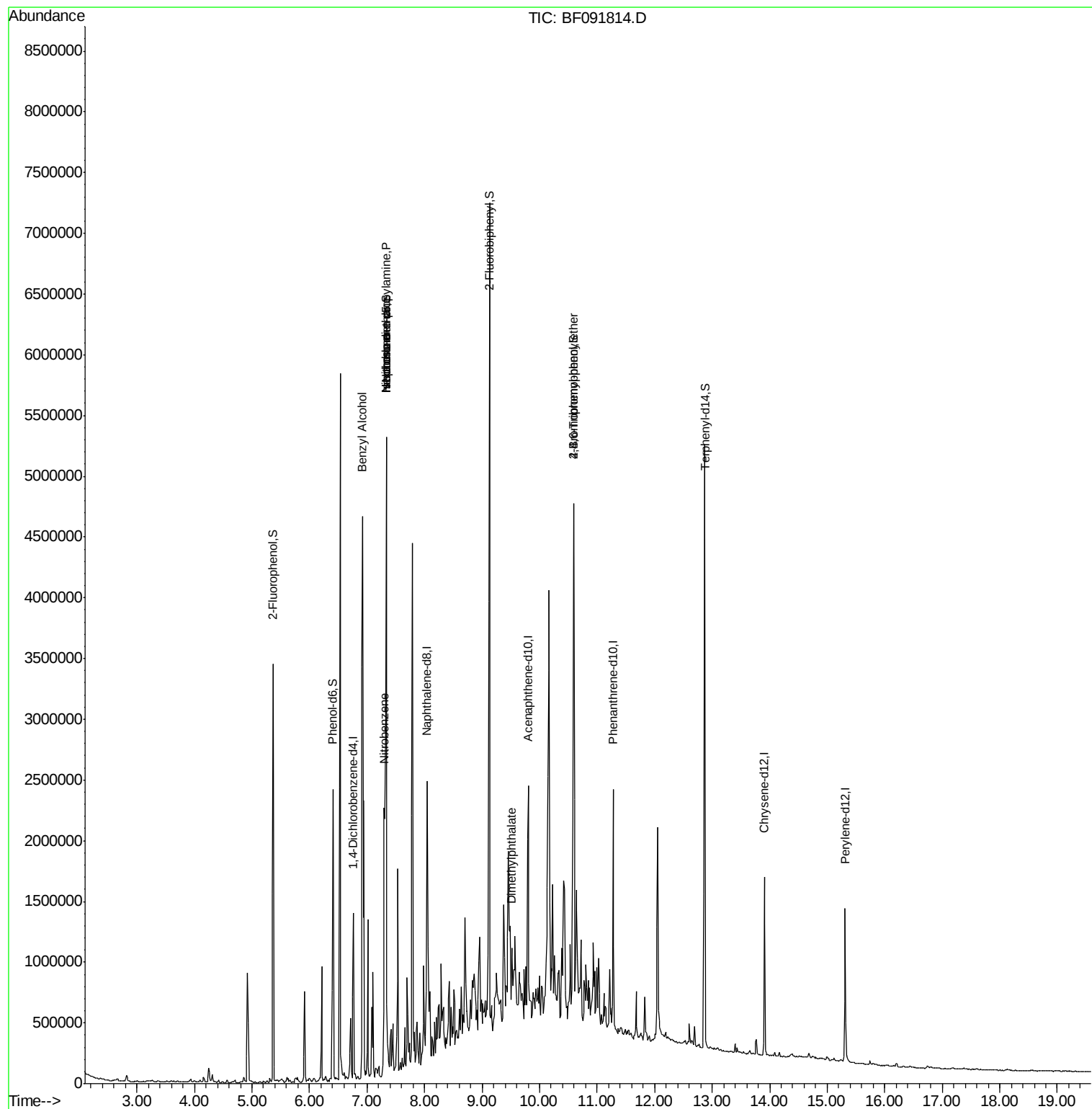
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	232872	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	856109	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	476317	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	761423	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	693222	20.00	ng	-0.02
86) Perylene-d12	15.31	264	550491	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1029444	74.06	ng	0.00
7) Phenol-d6	6.41	99	814557	48.05	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1709037	115.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	563134	139.43	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	2422462	102.17	ng	-0.01
78) Terphenyl-d14	12.88	244	2502004	91.13	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.92	79	32920	2.51	ng	# 15
18) Hexachloroethane	7.33	117	713990	113.04	ng	# 3
19) n-Nitroso-di-n-propylamine	7.33	70	243704	21.61	ng	# 77
24) Nitrobenzene	7.30	77	118329	7.42	ng	# 16
25) Isophorone	7.33	82	1537372	54.28	ng	# 65
49) Dimethylphthalate	9.52	163	123293	3.96	ng	# 88
66) 4-Bromophenyl-phenylether	10.59	248	34196	4.28	ng	# 1

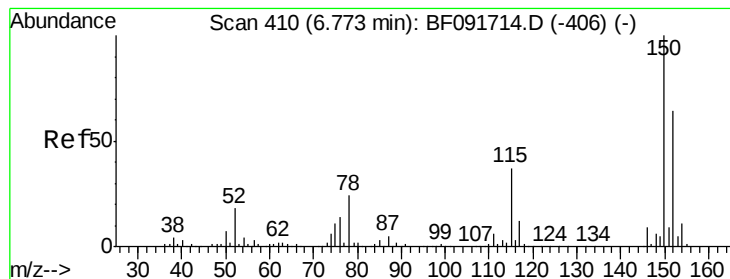
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122016\
Data File : BF091814.D
Acq On : 20 Dec 2016 12:31
Operator : UM/SJ
Sample : H6147-06
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-01

Quant Time: Dec 20 23:38:28 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 22:53:54 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091814.D

Acq: 20 Dec 2016 12:31

Instrument :

BNA_F

ClientSampleId :

MW-01

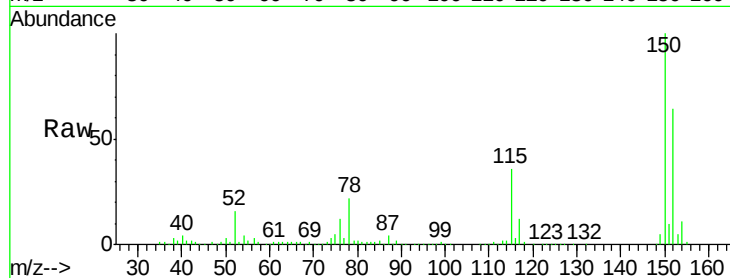
Tgt Ion:152 Resp: 232872

Ion Ratio Lower Upper

152 100

150 156.1 124.9 187.3

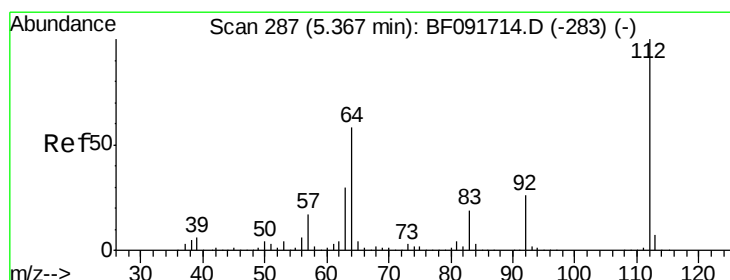
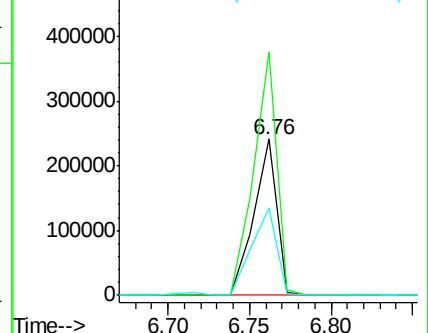
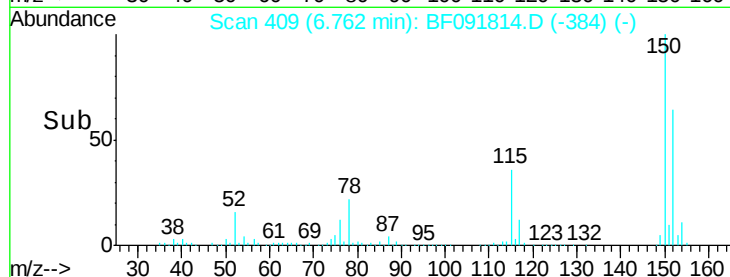
115 56.1 46.0 69.0



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: 74.06 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF091814.D

Acq: 20 Dec 2016 12:31

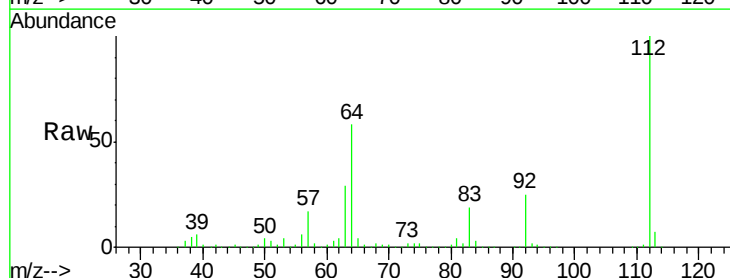
Tgt Ion:112 Resp: 1029444

Ion Ratio Lower Upper

112 100

64 57.9 46.1 69.1

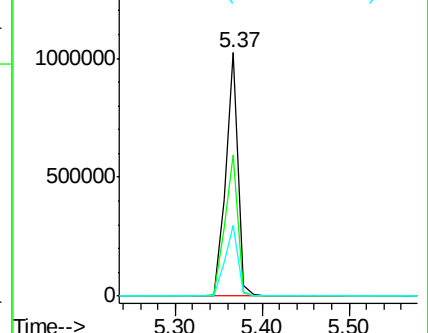
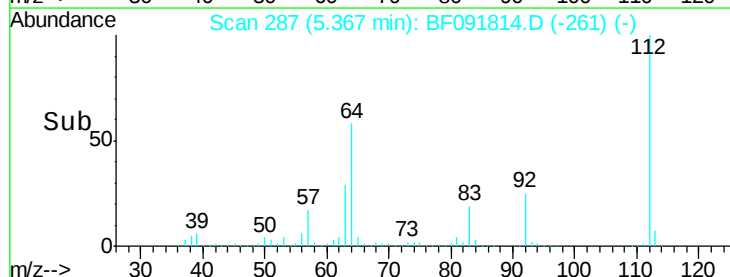
63 29.3 23.8 35.6

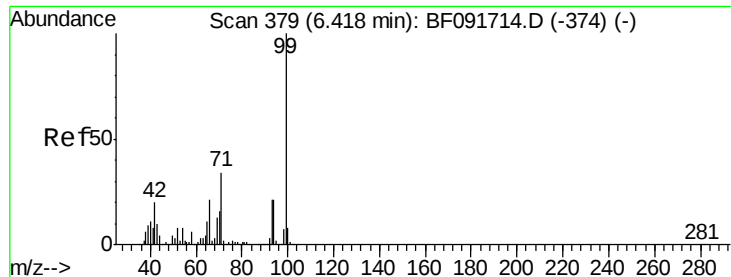


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 48.05 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091814.D

Acq: 20 Dec 2016 12:31

Instrument :

BNA_F

ClientSampled :

MW-01

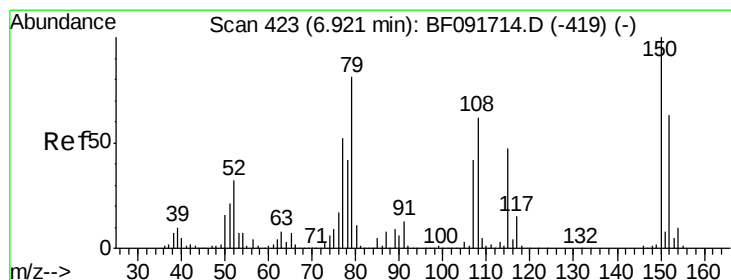
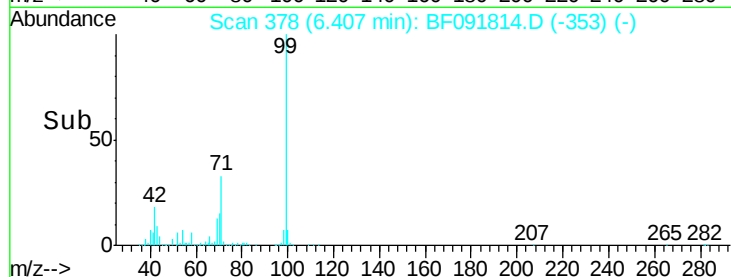
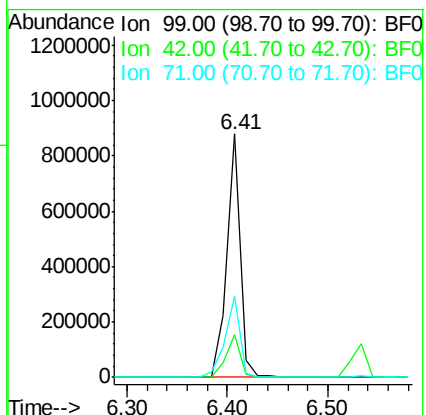
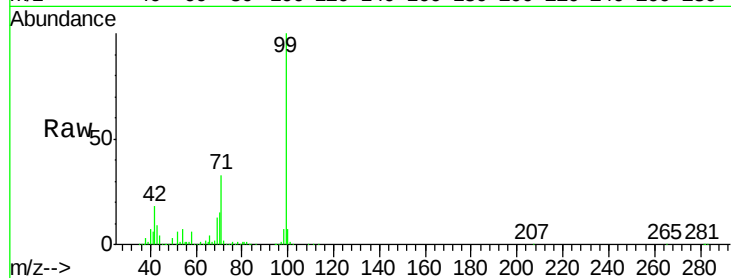
Tgt Ion: 99 Resp: 814557

Ion Ratio Lower Upper

99 100

42 17.7 15.6 23.4

71 33.4 27.5 41.3



#15

Benzyl Alcohol

Concen: 2.51 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF091814.D

Acq: 20 Dec 2016 12:31

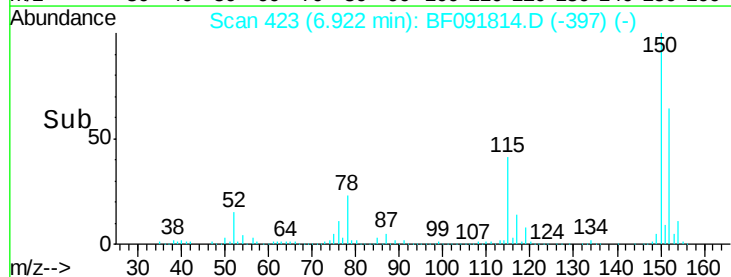
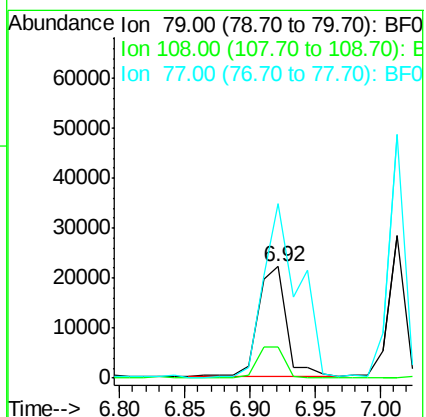
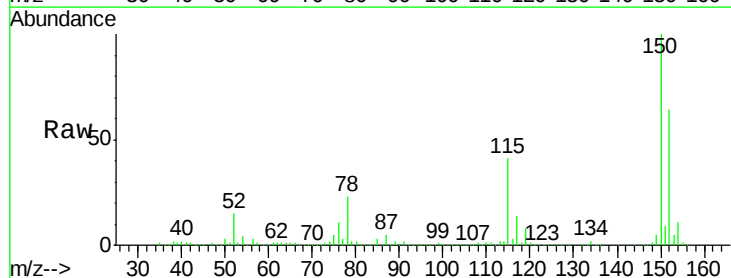
Tgt Ion: 79 Resp: 32920

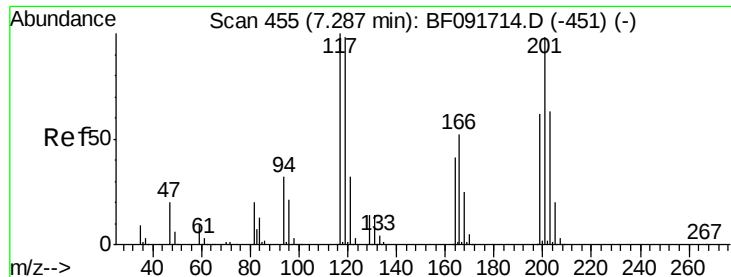
Ion Ratio Lower Upper

79 100

108 27.5 61.4 92.0#

77 155.7 50.9 76.3#

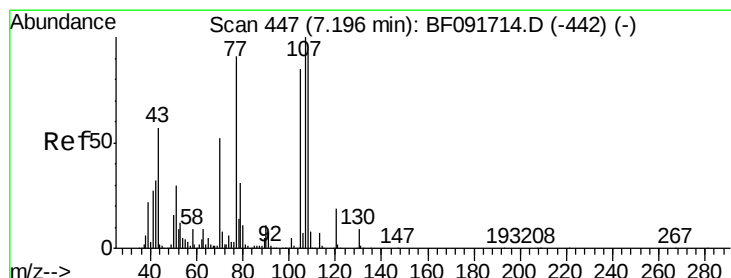
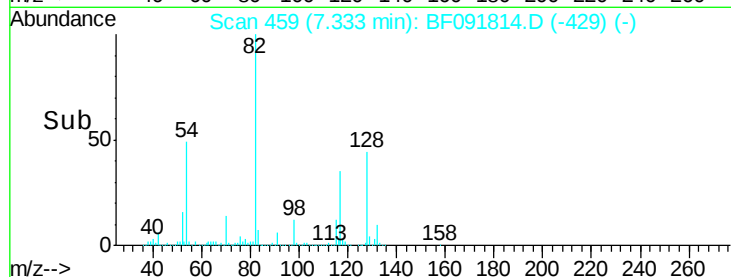
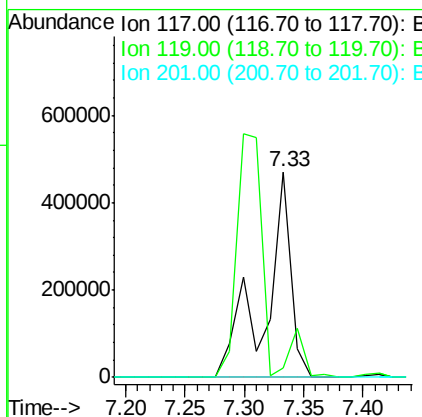
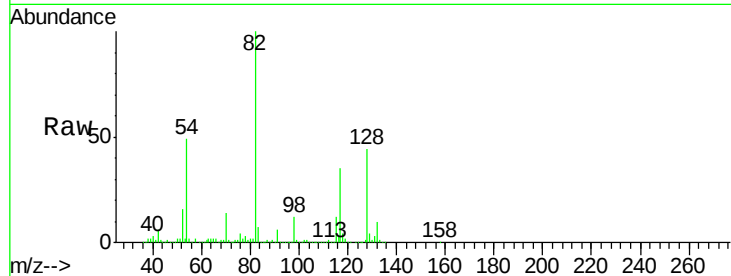




#18
Hexachloroethane
Concen: 113.04 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.05 min
Lab File: BF091814.D
Acq: 20 Dec 2016 12:31

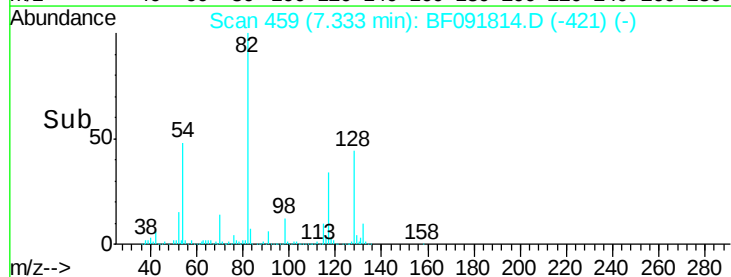
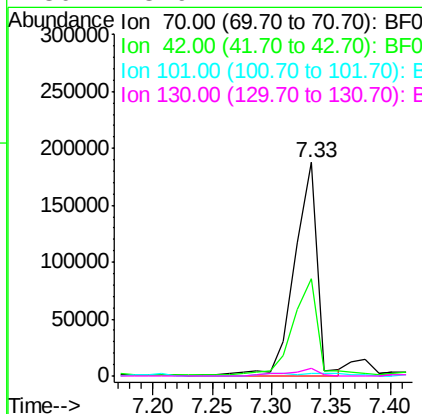
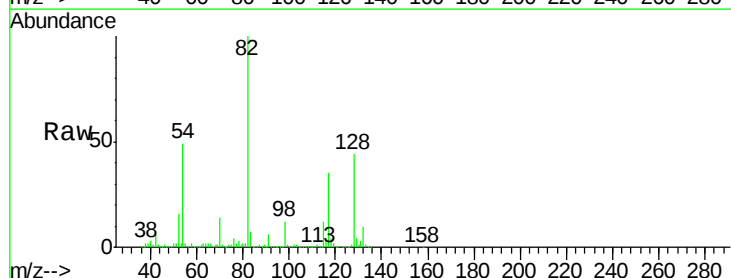
Instrument :
BNA_F
ClientSampleId :
MW-01

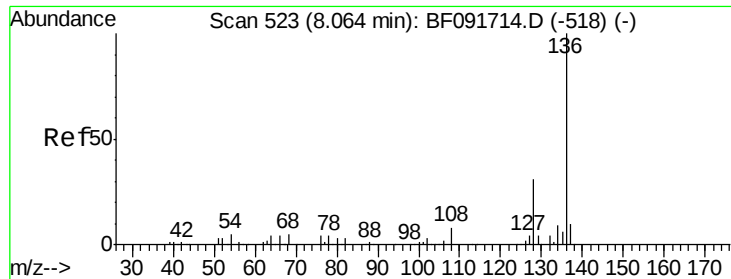
Tgt Ion: 117 Resp: 713990
Ion Ratio Lower Upper
117 100
119 4.6 78.1 117.1#
201 0.0 78.6 117.8#



#19
n-Nitroso-di-n-propylamine
Concen: 21.61 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.14 min
Lab File: BF091814.D
Acq: 20 Dec 2016 12:31

Tgt Ion: 70 Resp: 243704
Ion Ratio Lower Upper
70 100
42 45.3 49.4 74.0#
101 1.4 7.4 11.2#
130 3.9 14.2 21.4#

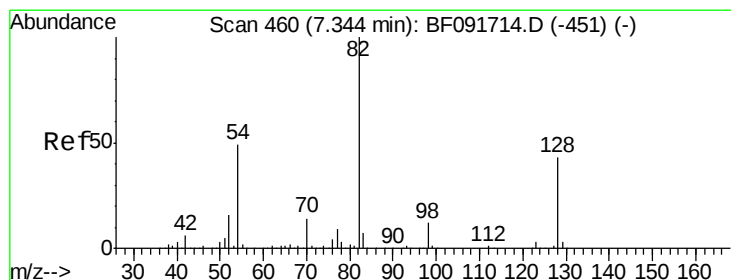
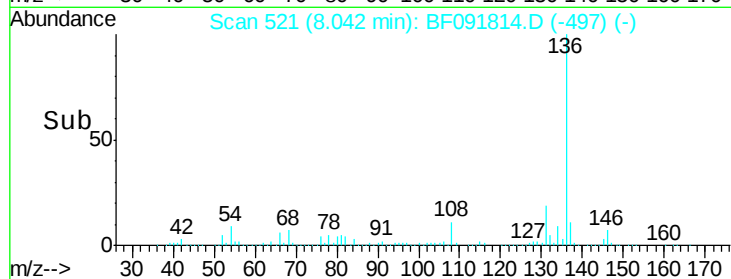
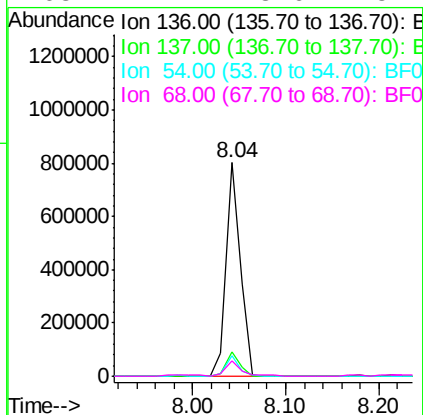
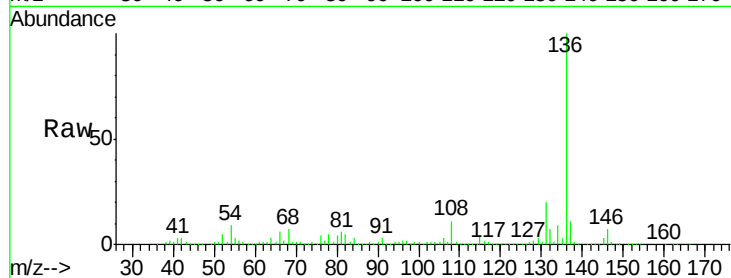




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF091814.D
Acq: 20 Dec 2016 12:31

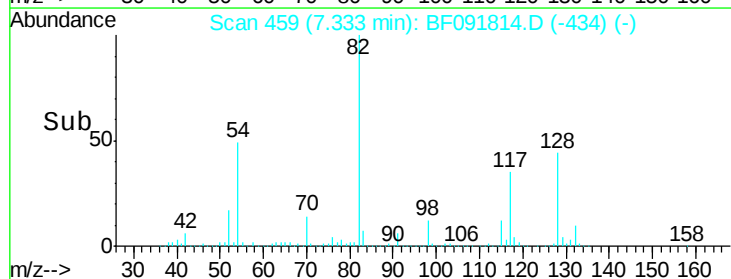
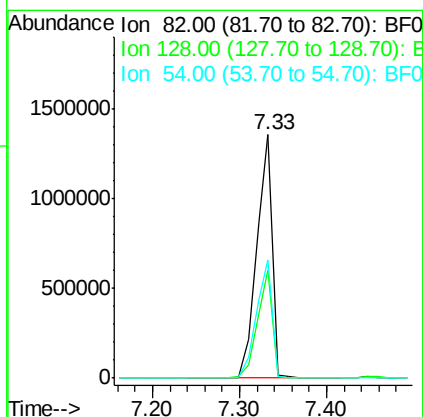
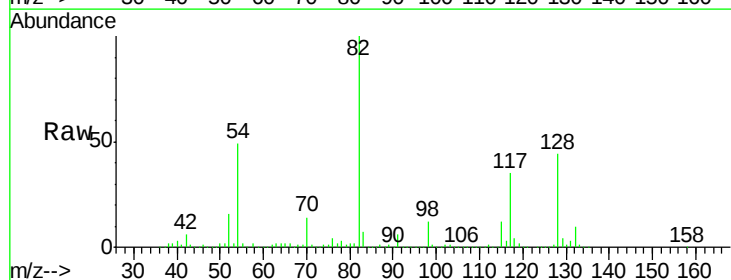
Instrument :
BNA_F
ClientSampleId :
MW-01

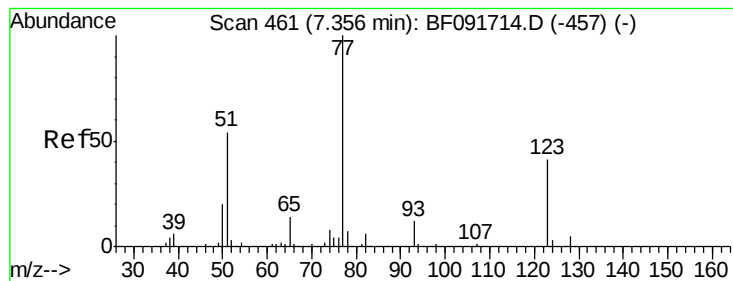
Tgt Ion:	136	Resp:	856109
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	9.4	4.5	6.7#
68	7.4	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 115.12 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF091814.D
Acq: 20 Dec 2016 12:31

Tgt Ion:	82	Resp:	1709037
Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.6	52.0
54	48.6	39.5	59.3





#24

Nitrobenzene

Concen: 7.42 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.06 min

Lab File: BF091814.D

Acq: 20 Dec 2016 12:31

Instrument :

BNA_F

ClientSampleId :

MW-01

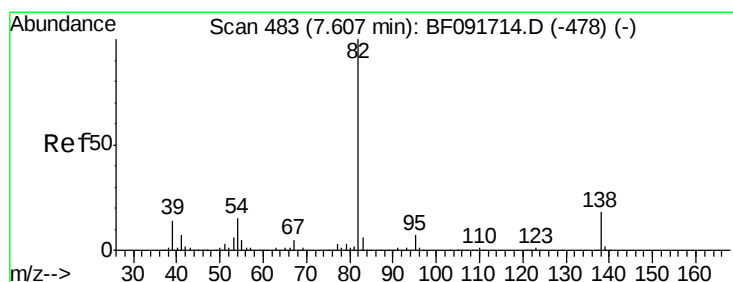
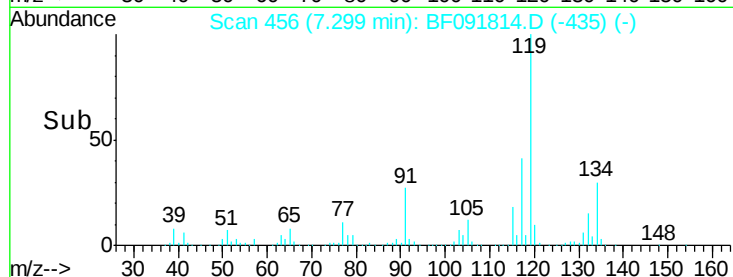
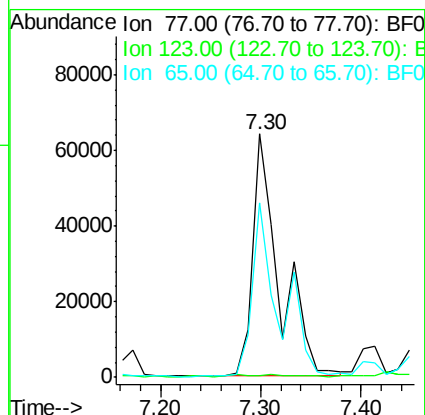
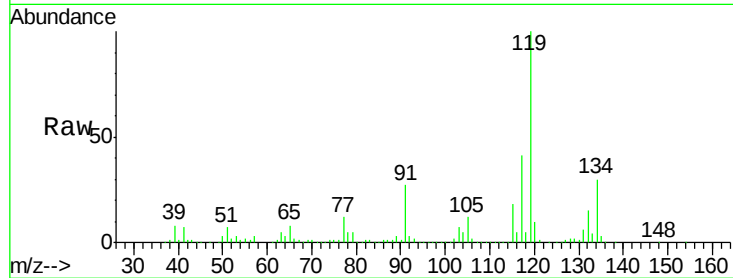
Tgt Ion: 77 Resp: 118329

Ion Ratio Lower Upper

77 100

123 0.6 33.0 49.4#

65 71.8 11.2 16.8#



#25

Isophorone

Concen: 54.28 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.27 min

Lab File: BF091814.D

Acq: 20 Dec 2016 12:31

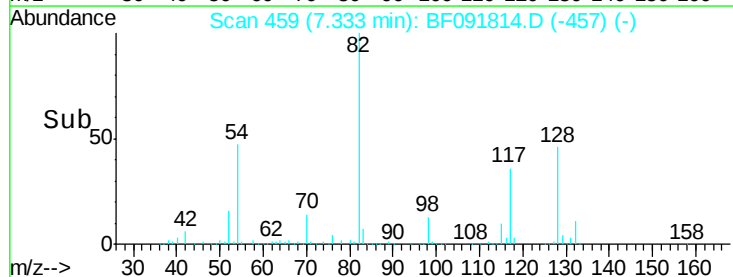
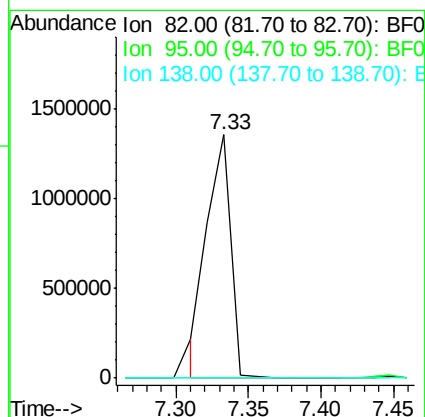
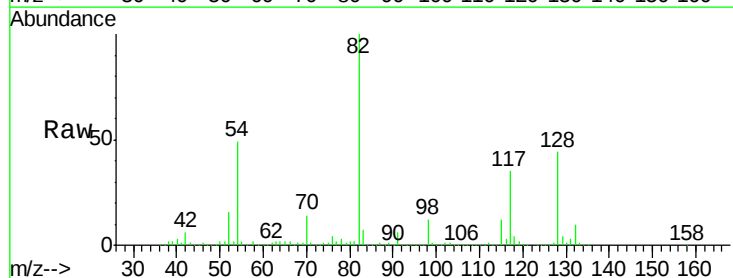
Tgt Ion: 82 Resp: 1537372

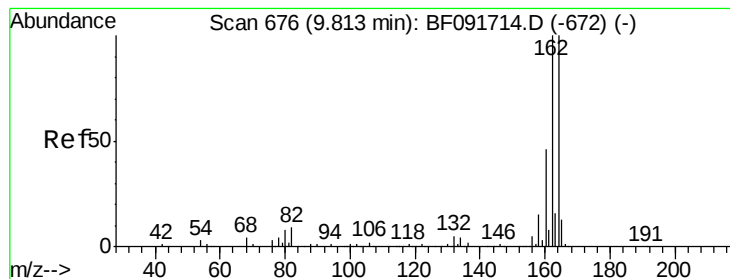
Ion Ratio Lower Upper

82 100

95 0.1 5.6 8.4#

138 0.0 14.6 22.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF091814.D

Acq: 20 Dec 2016 12:31

Instrument :

BNA_F

ClientSampled :

MW-01

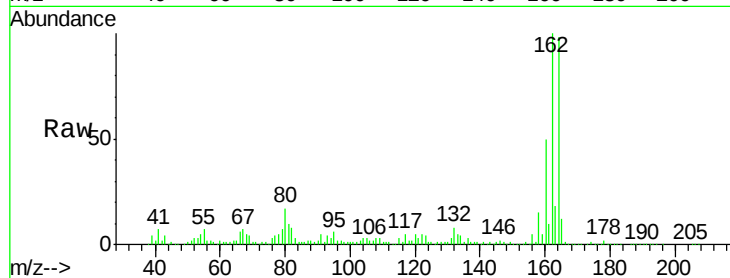
Tgt Ion:164 Resp: 476317

Ion Ratio Lower Upper

164 100

162 101.9 80.2 120.2

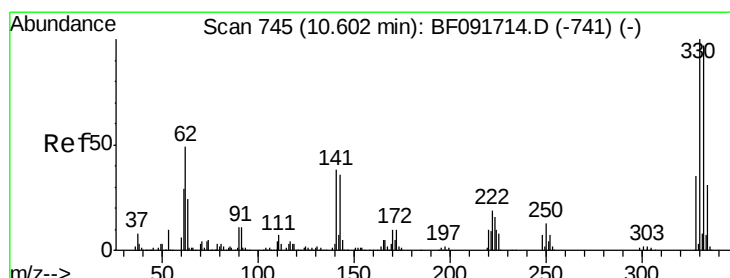
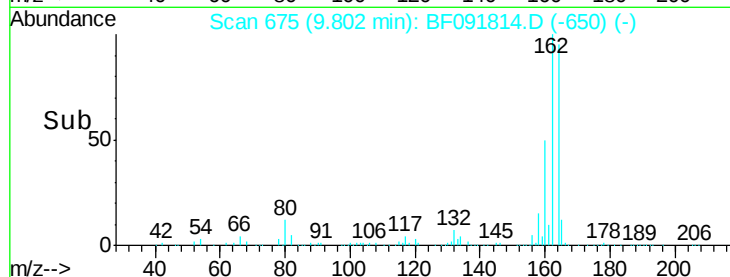
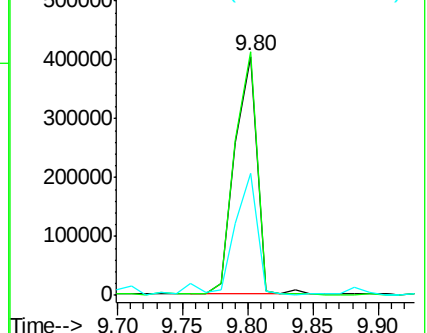
160 51.0 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 139.43 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF091814.D

Acq: 20 Dec 2016 12:31

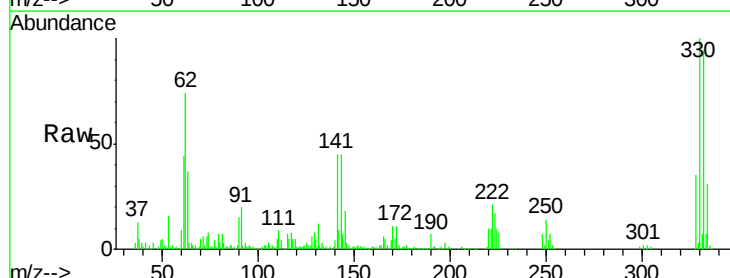
Tgt Ion:330 Resp: 563134

Ion Ratio Lower Upper

330 100

332 95.2 77.4 116.2

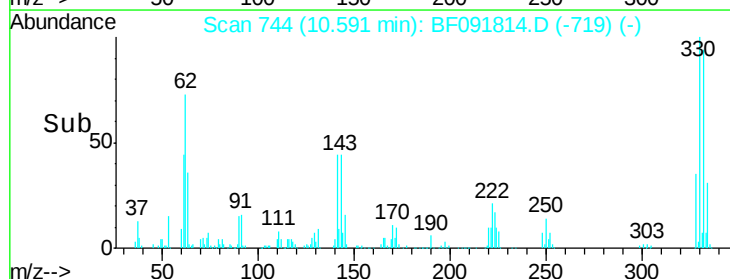
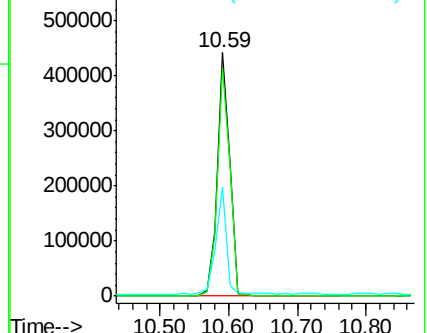
141 38.0 34.1 51.1

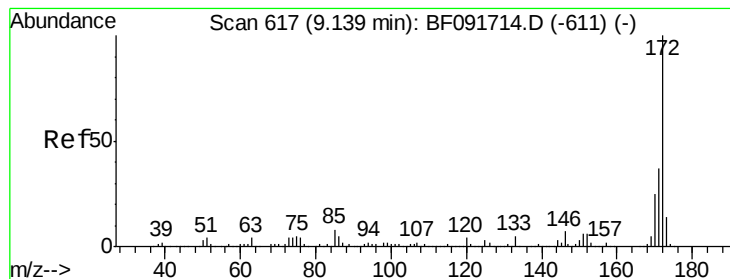


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 102.17 ng

RT: 9.13 min Scan# 616

Delta R.T. -0.01 min

Lab File: BF091814.D

Acq: 20 Dec 2016 12:31

Instrument :

BNA_F

ClientSampleId :

MW-01

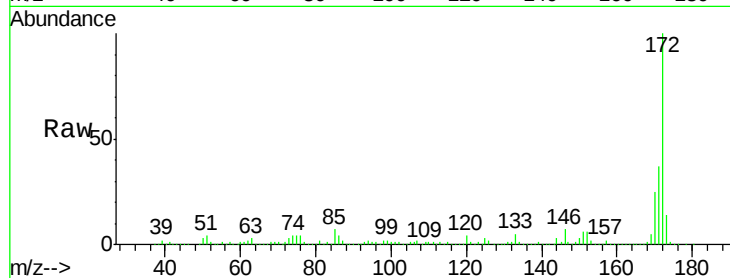
Tgt Ion:172 Resp: 2422462

Ion Ratio Lower Upper

172 100

171 36.6 29.4 44.0

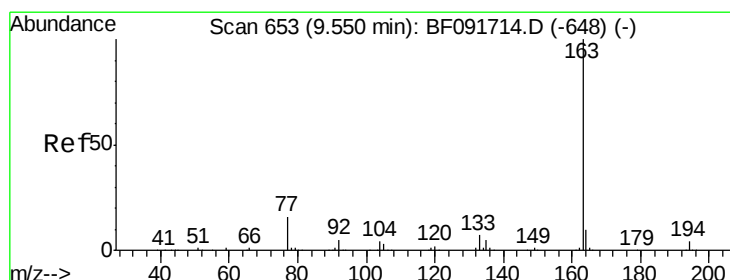
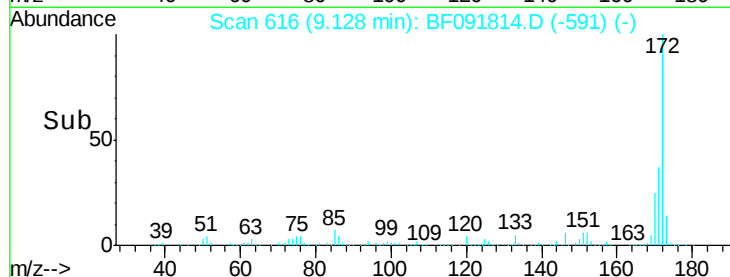
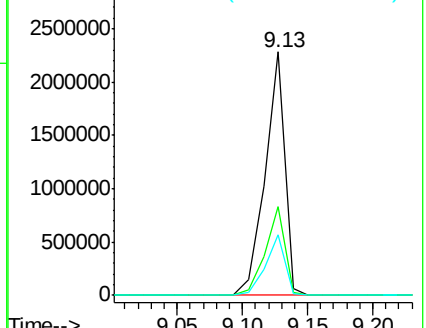
170 25.1 20.2 30.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#49

Dimethylphthalate

Concen: 3.96 ng

RT: 9.52 min Scan# 650

Delta R.T. -0.03 min

Lab File: BF091814.D

Acq: 20 Dec 2016 12:31

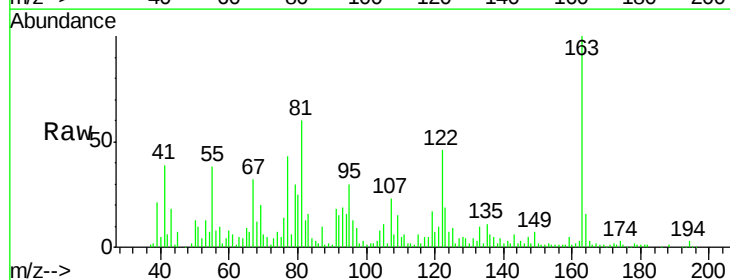
Tgt Ion:163 Resp: 123293

Ion Ratio Lower Upper

163 100

194 3.0 3.0 4.4

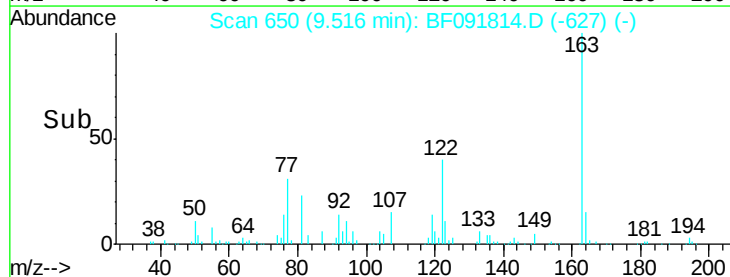
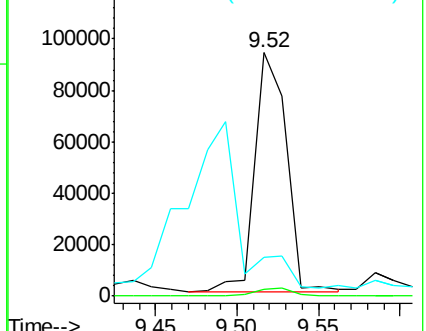
164 15.9 8.0 12.0#

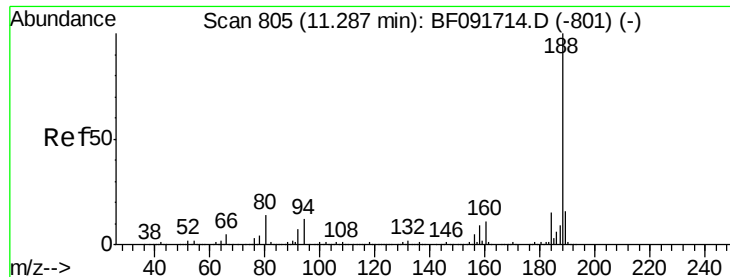


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

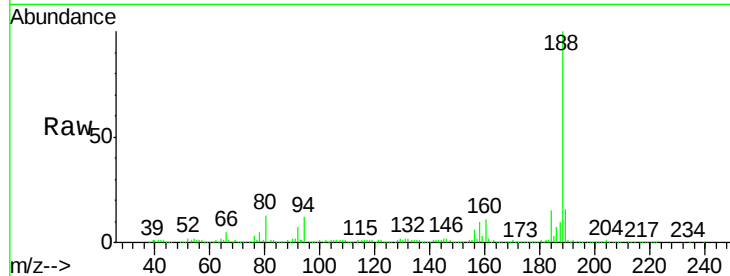




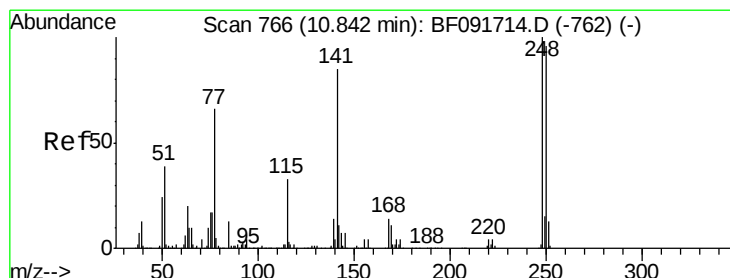
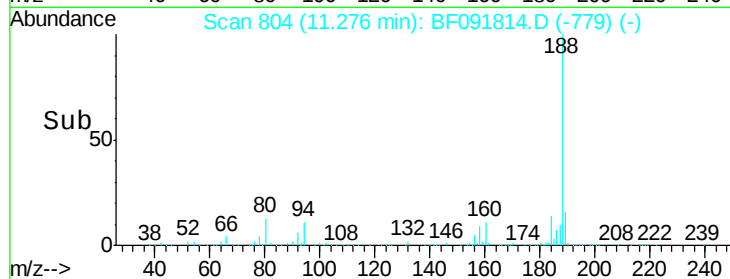
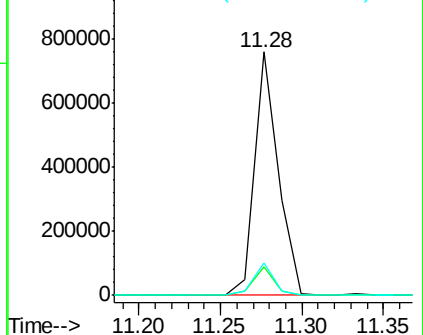
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF091814.D
Acq: 20 Dec 2016 12:31

Instrument :
BNA_F
ClientSampleId :
MW-01

Tgt Ion:188 Resp: 761423
Ion Ratio Lower Upper
188 100
94 12.0 10.0 15.0
80 13.2 11.2 16.8

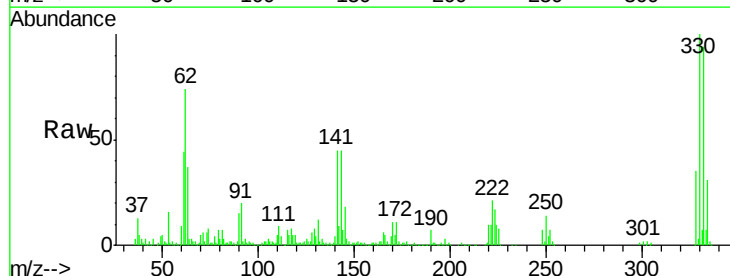


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

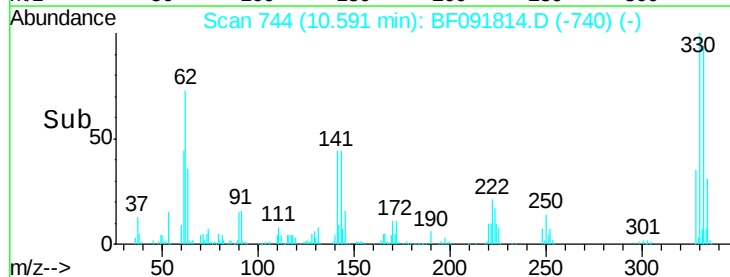
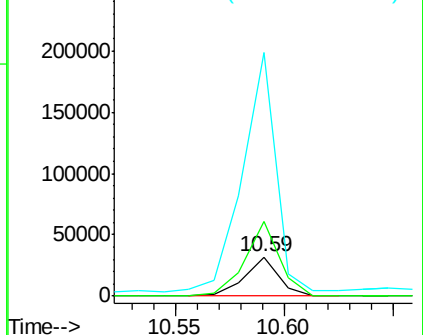


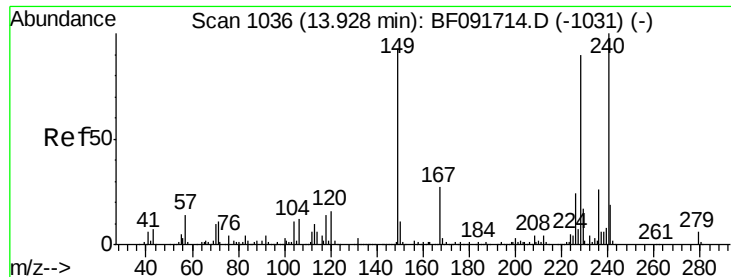
#66
4-Bromophenyl-phenylether
Concen: 4.28 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.25 min
Lab File: BF091814.D
Acq: 20 Dec 2016 12:31

Tgt Ion:248 Resp: 34196
Ion Ratio Lower Upper
248 100
250 193.7 76.9 115.3#
141 627.0 68.2 102.4#



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF091814.D

Acq: 20 Dec 2016 12:31

Instrument :

BNA_F

ClientSampleId :

MW-01

Tgt Ion:240 Resp: 693222

Ion Ratio Lower Upper

240 100

120 16.7 12.9 19.3

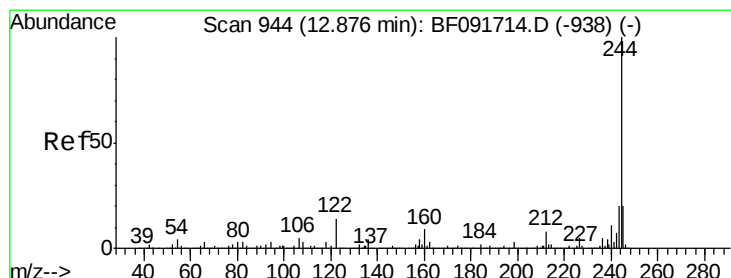
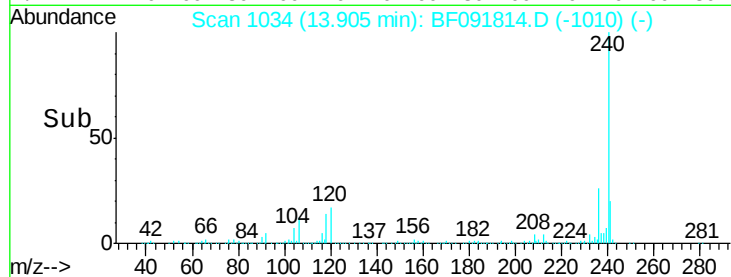
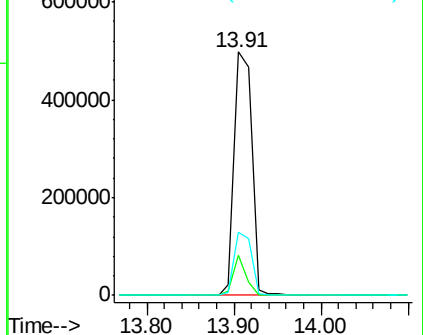
236 25.9 20.9 31.3



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: 91.13 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF091814.D

Acq: 20 Dec 2016 12:31

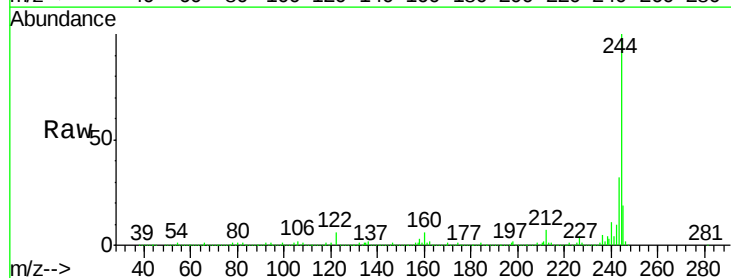
Tgt Ion:244 Resp: 2502004

Ion Ratio Lower Upper

244 100

212 6.7 6.2 9.2

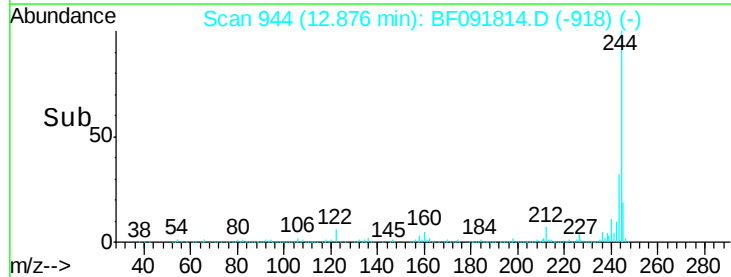
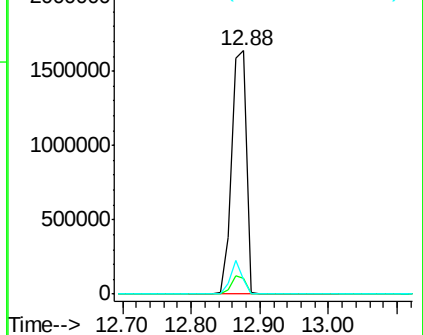
122 5.7 11.4 17.2#

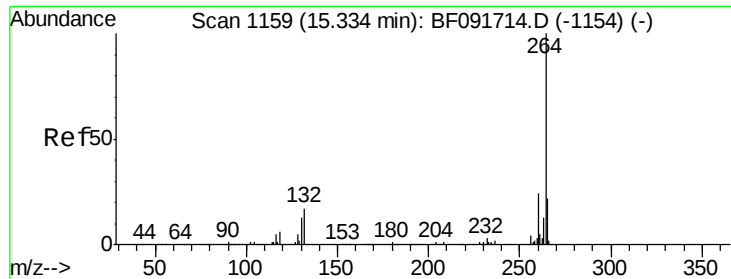


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.31 min Scan# 1157
Delta R.T. -0.02 min
Lab File: BF091814.D
Acq: 20 Dec 2016 12:31

Instrument :
BNA_F
ClientSampleId :
MW-01

Tgt Ion: 264 Resp: 550491
Ion Ratio Lower Upper
264 100
260 24.4 19.2 28.8
265 21.1 17.4 26.0

