

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120516\
 Data File : BF091442.D
 Acq On : 6 Dec 2016 2:26
 Operator : UM/SJ
 Sample : H5802-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-05

Quant Time: Dec 06 03:56:19 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 06 00:16:00 2016
 Response via : Initial Calibration

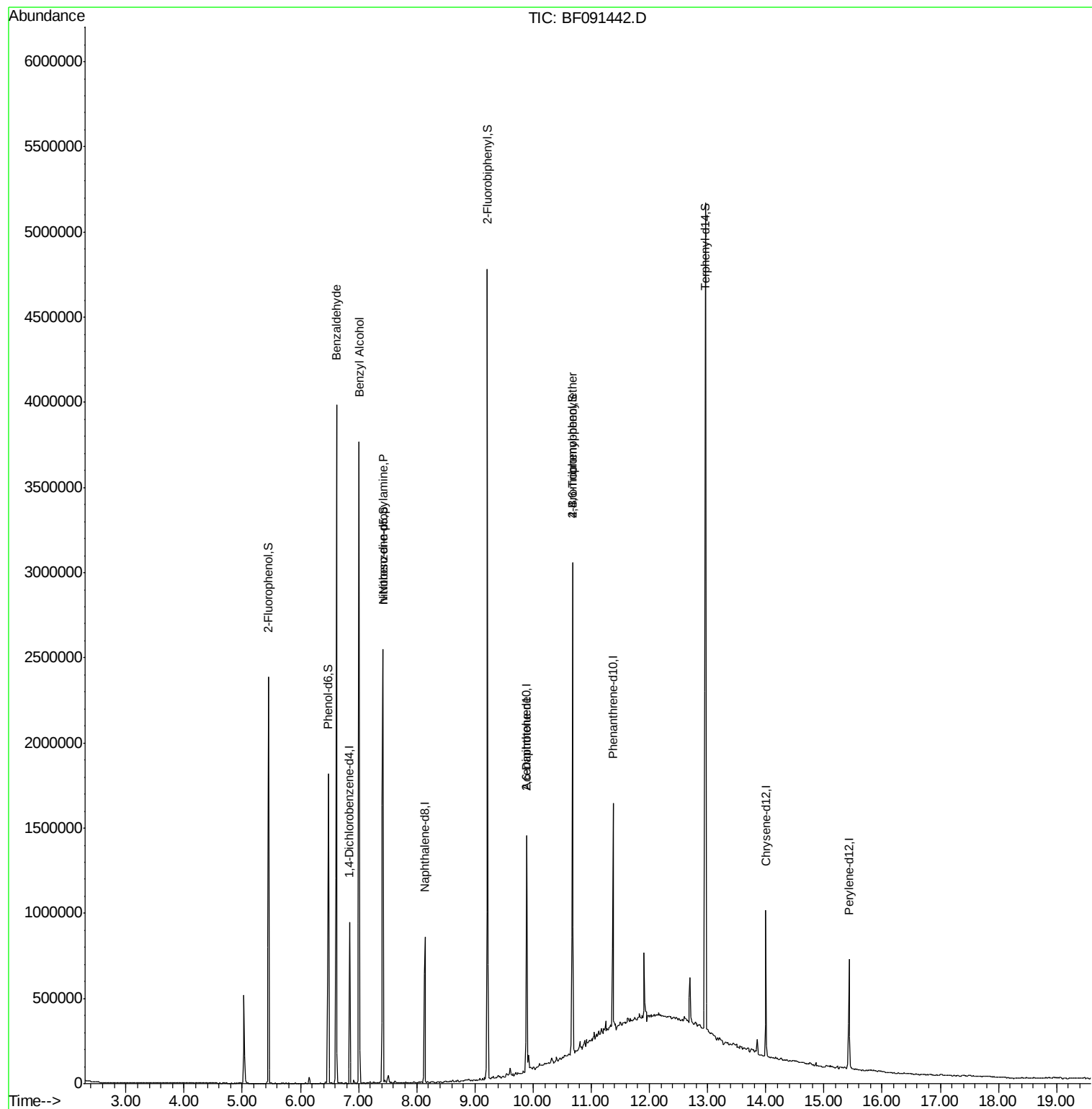
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	124520	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	514766	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	282420	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	513183	20.00	ng	0.00
75) Chrysene-d12	14.00	240	302375	20.00	ng	0.00
86) Perylene-d12	15.43	264	299852	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	561216	73.63	ng	0.01
7) Phenol-d6	6.48	99	544787	58.06	ng	0.00
23) Nitrobenzene-d5	7.42	82	1005298	109.44	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	392778	146.90	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1479935	94.88	ng	0.00
78) Terphenyl-d14	12.96	244	1646157	118.33	ng	0.00
Target Compounds						
9) Benzaldehyde	6.62	77	24964	4.14	ng	88
15) Benzyl Alcohol	7.01	79	16446	2.19	ng	# 41
19) n-Nitroso-di-n-propylamine	7.42	70	138016	23.35	ng	# 68
50) 2,6-Dinitrotoluene	9.89	165	38407	10.05	ng	# 17
66) 4-Bromophenyl-phenylether	10.68	248	21930	3.98	ng	# 1

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

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Quant Time: Dec 06 03:56:19 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
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QLast Update : Tue Dec 06 00:16:00 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 399

Delta R.T. -0.00 min

Lab File: BF091442.D

Acq: 6 Dec 2016 2:26

Instrument :

BNA_F

ClientSampleId :

MW-05

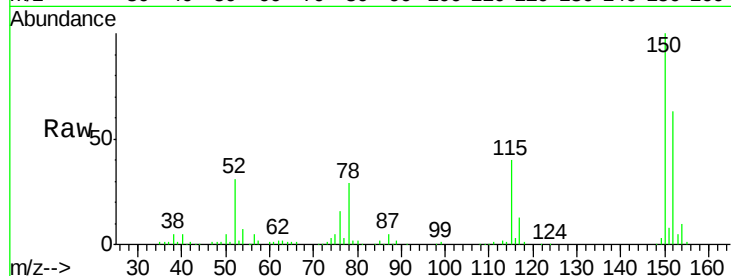
Tgt Ion:152 Resp: 124520

Ion Ratio Lower Upper

152 100

150 157.8 122.5 183.7

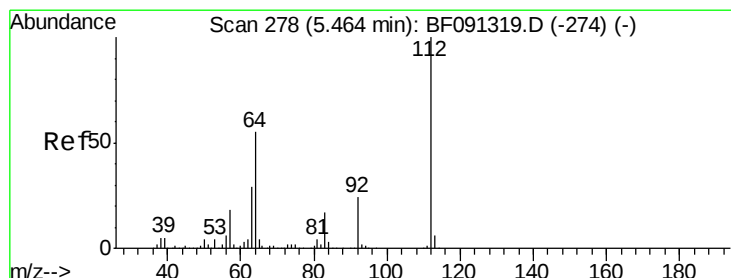
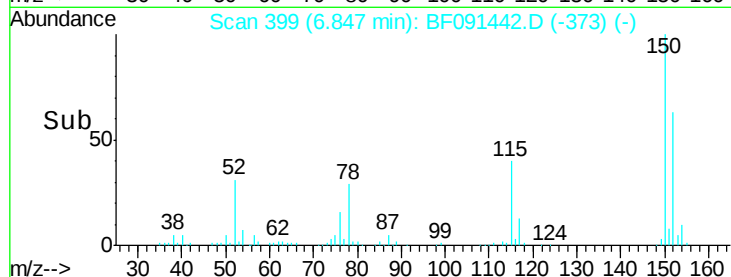
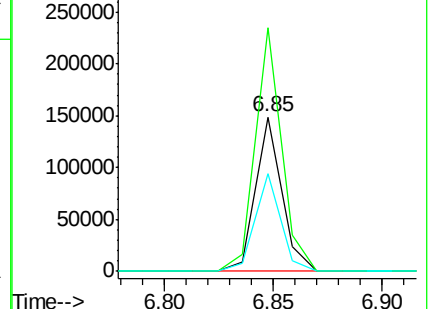
115 63.5 51.8 77.8



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: 73.63 ng

RT: 5.45 min Scan# 277

Delta R.T. 0.01 min

Lab File: BF091442.D

Acq: 6 Dec 2016 2:26

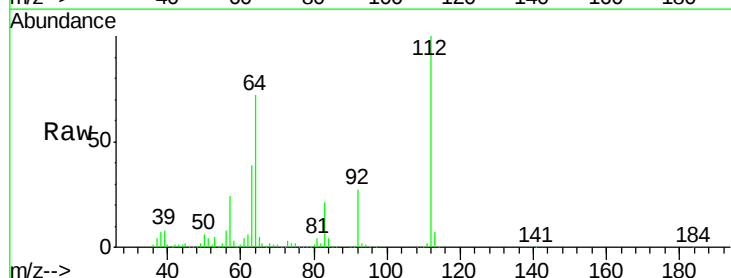
Tgt Ion:112 Resp: 561216

Ion Ratio Lower Upper

112 100

64 71.7 61.5 92.3

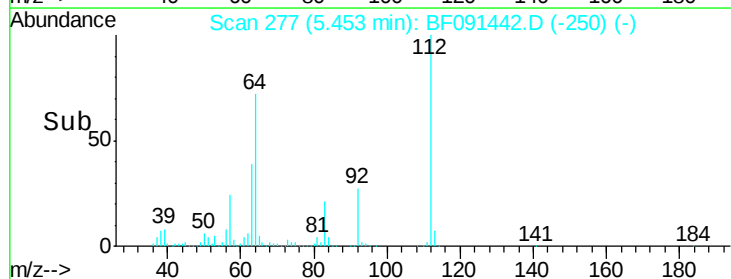
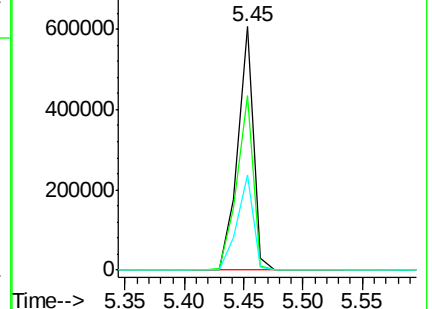
63 39.0 33.3 49.9



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: 58.06 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.00 min

Lab File: BF091442.D

Acq: 6 Dec 2016 2:26

Instrument :

BNA_F

ClientSampleId :

MW-05

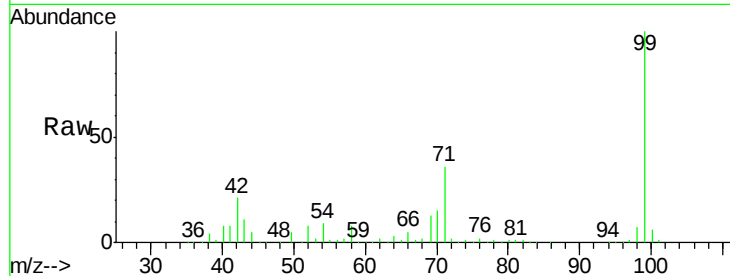
Tgt Ion: 99 Resp: 544787

Ion Ratio Lower Upper

99 100

42 21.3 20.6 31.0

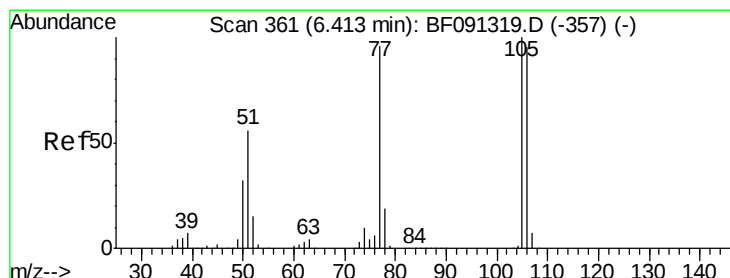
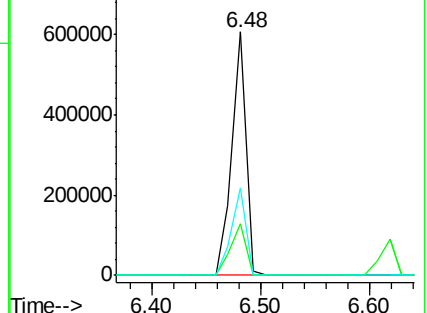
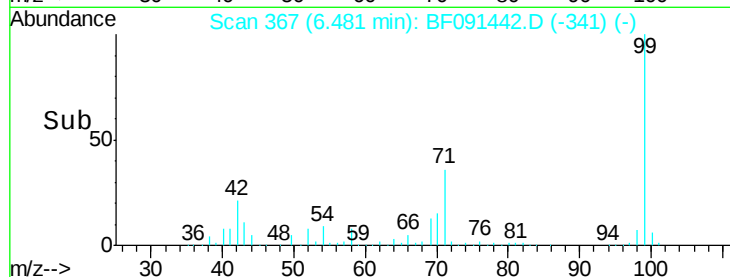
71 36.0 29.9 44.9



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: 4.14 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.23 min

Lab File: BF091442.D

Acq: 6 Dec 2016 2:26

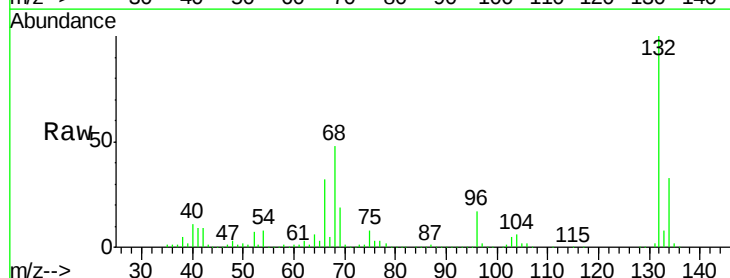
Tgt Ion: 77 Resp: 24964

Ion Ratio Lower Upper

77 100

105 76.0 66.4 106.4

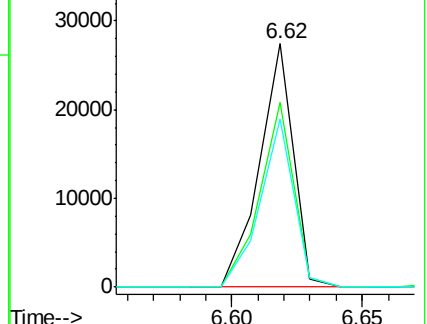
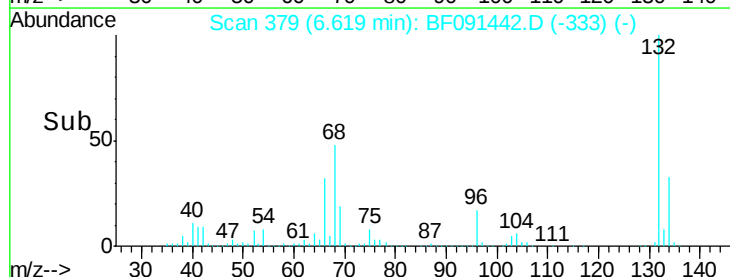
106 69.1 60.9 100.9

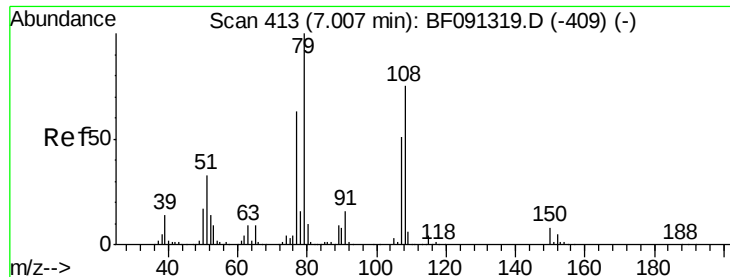


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0





#15

Benzyl Alcohol

Concen: 2.19 ng

RT: 7.01 min Scan# 413

Delta R.T. 0.01 min

Lab File: BF091442.D

Acq: 6 Dec 2016 2:26

Instrument :

BNA_F

ClientSampleId :

MW-05

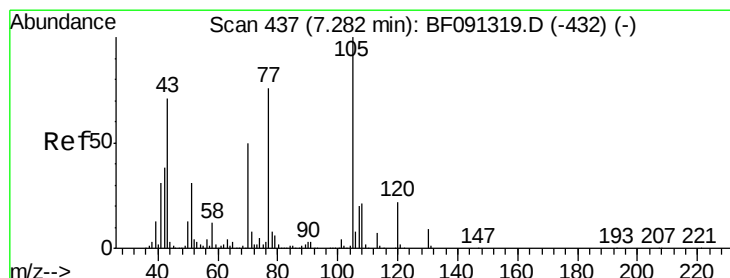
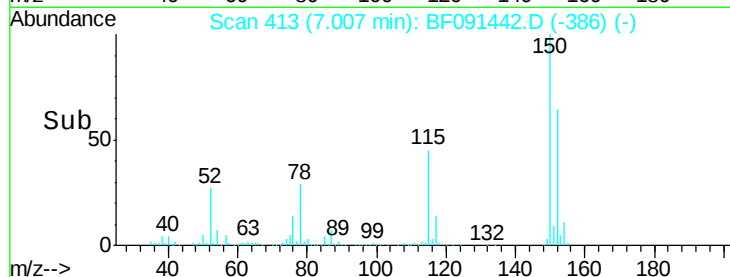
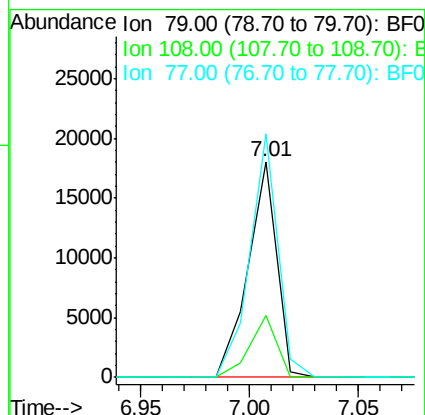
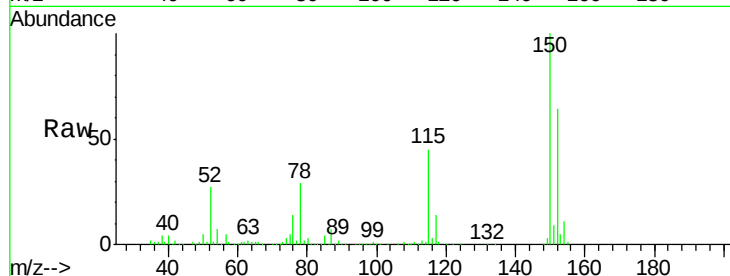
Tgt Ion: 79 Resp: 16446

Ion Ratio Lower Upper

79 100

108 28.6 62.7 94.1#

77 112.8 51.7 77.5#



#19

n-Nitroso-di-n-propylamine

Concen: 23.35 ng

RT: 7.42 min Scan# 449

Delta R.T. 0.15 min

Lab File: BF091442.D

Acq: 6 Dec 2016 2:26

Tgt Ion: 70 Resp: 138016

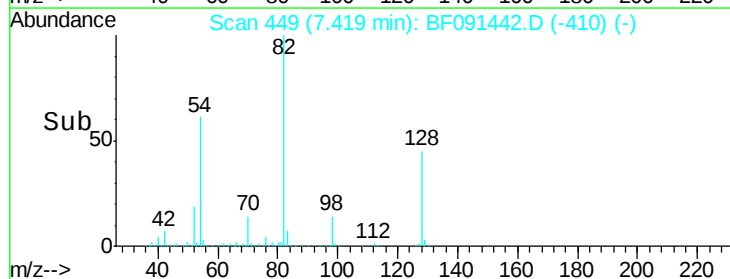
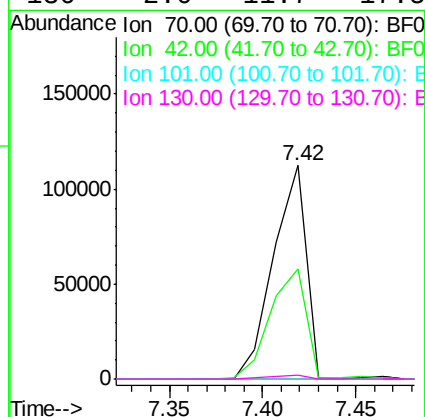
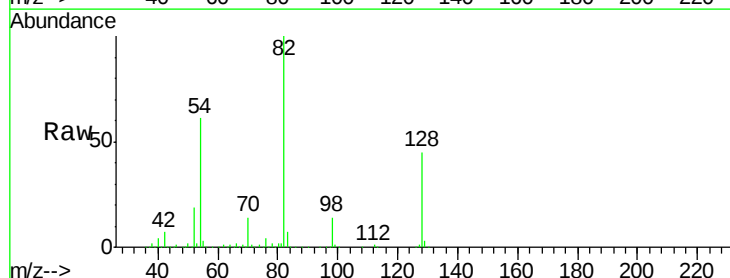
Ion Ratio Lower Upper

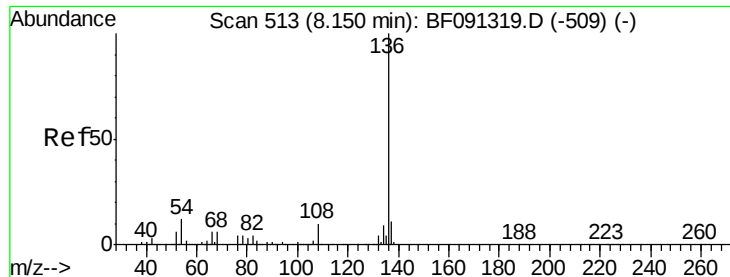
70 100

42 51.3 64.8 97.2#

101 0.0 6.2 9.4#

130 2.0 11.7 17.5#

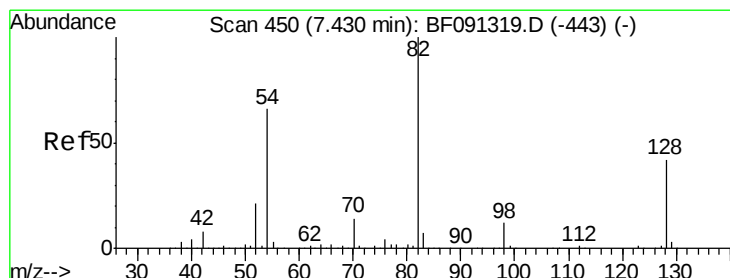
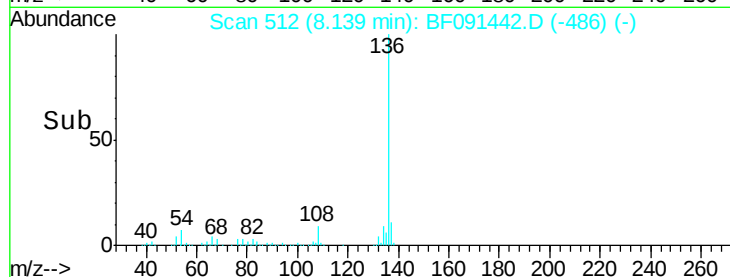
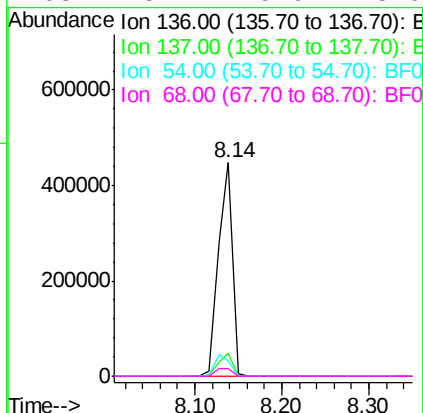
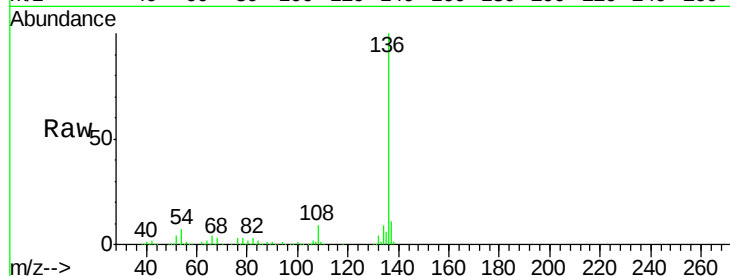




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 512
Delta R.T. -0.00 min
Lab File: BF091442.D
Acq: 6 Dec 2016 2:26

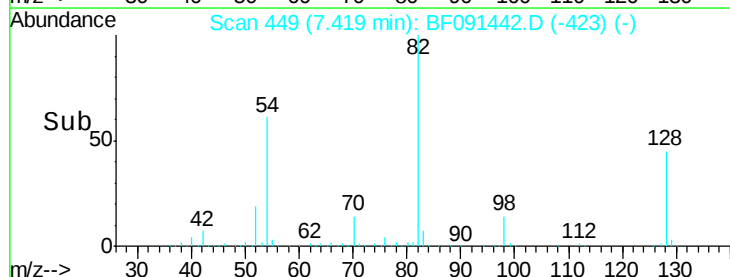
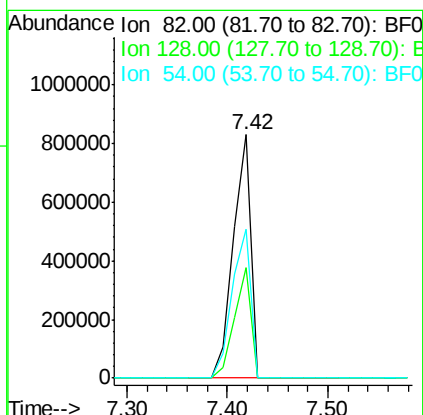
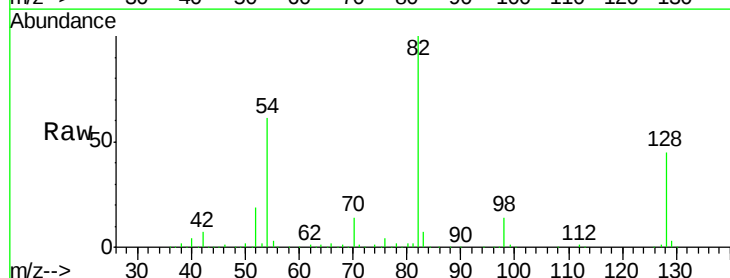
Instrument :
BNA_F
ClientSampleId :
MW-05

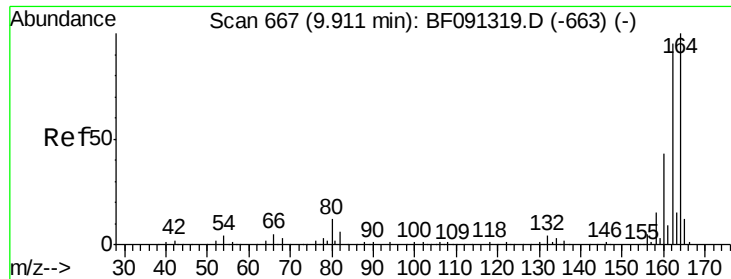
Tgt Ion:	136	Resp:	514766
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	7.3	9.1	13.7#
68	3.4	5.9	8.9#



#23
Nitrobenzene-d5
Concen: 109.44 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF091442.D
Acq: 6 Dec 2016 2:26

Tgt Ion:	82	Resp:	1005298
Ion	Ratio	Lower	Upper
82	100		
128	45.2	31.8	47.6
54	61.3	49.1	73.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 665

Delta R.T. -0.00 min

Lab File: BF091442.D

Acq: 6 Dec 2016 2:26

Instrument :

BNA_F

ClientSampleId :

MW-05

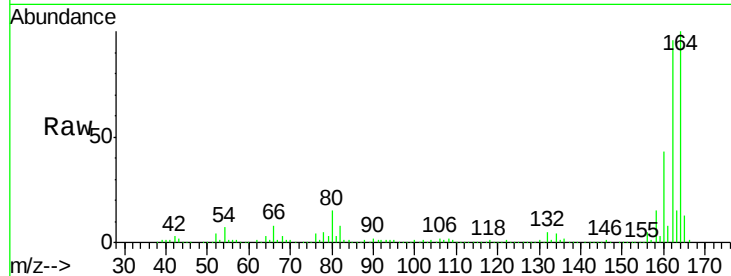
Tgt Ion:164 Resp: 282420

Ion Ratio Lower Upper

164 100

162 95.8 82.6 124.0

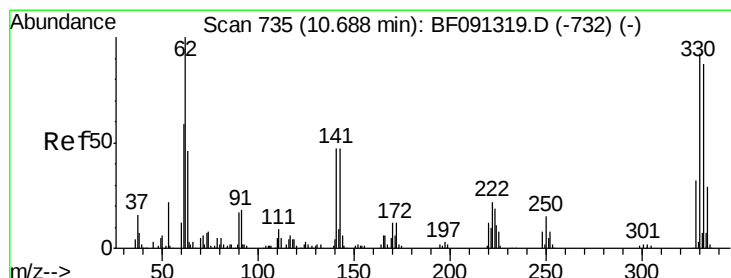
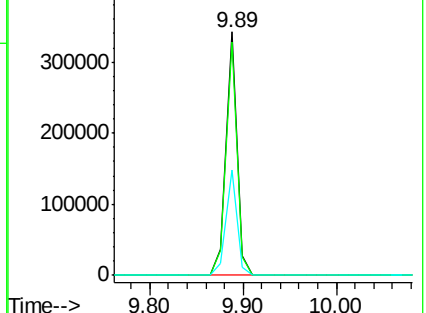
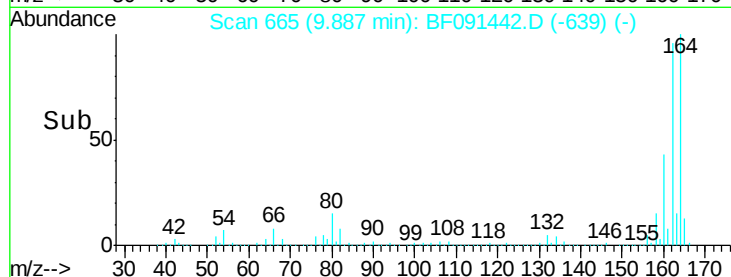
160 43.2 36.7 55.1



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: 146.90 ng

RT: 10.68 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF091442.D

Acq: 6 Dec 2016 2:26

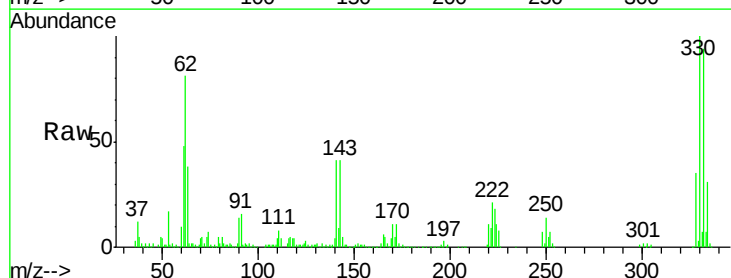
Tgt Ion:330 Resp: 392778

Ion Ratio Lower Upper

330 100

332 96.1 76.2 114.4

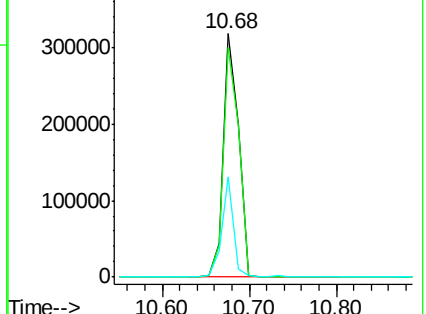
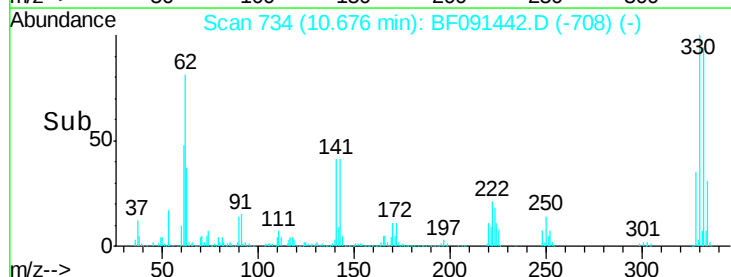
141 31.3 33.6 50.4#

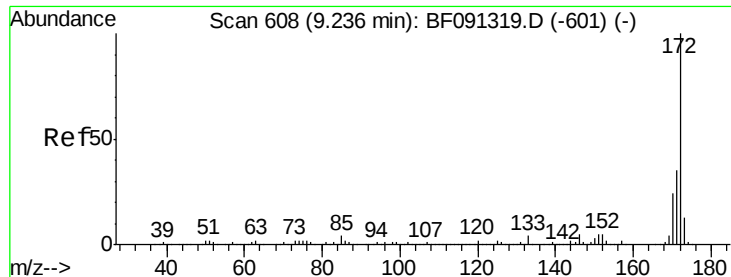


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

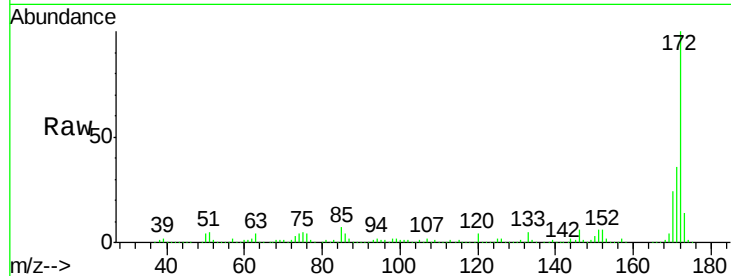




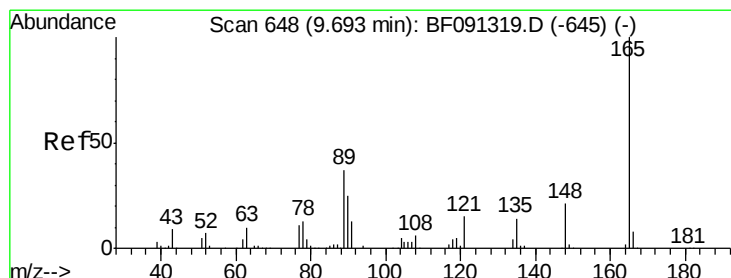
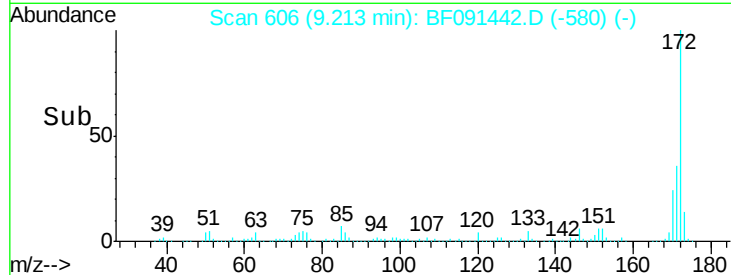
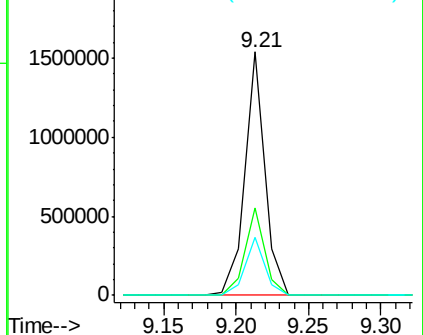
#44
 2-Fluorobiphenyl
 Concen: 94.88 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF091442.D
 Acq: 6 Dec 2016 2:26

Instrument :
 BNA_F
 ClientSampleId :
 MW-05

Tgt Ion:172 Resp: 1479935
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.4 44.0
 170 23.9 19.7 29.5

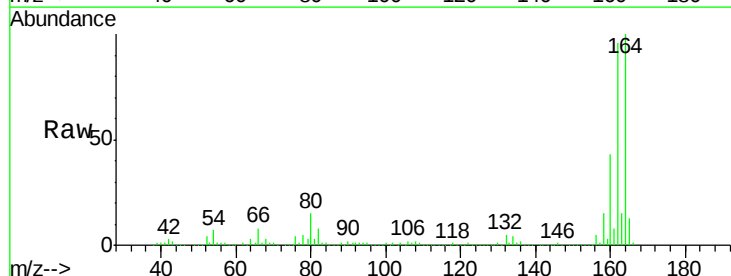


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

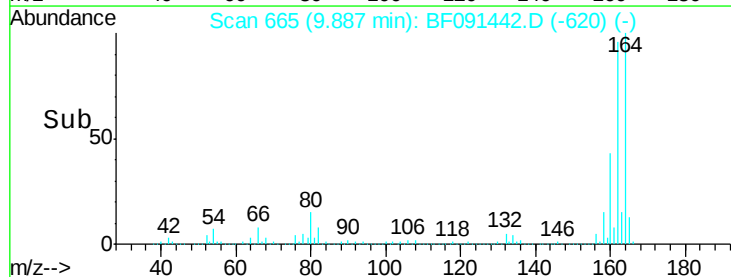
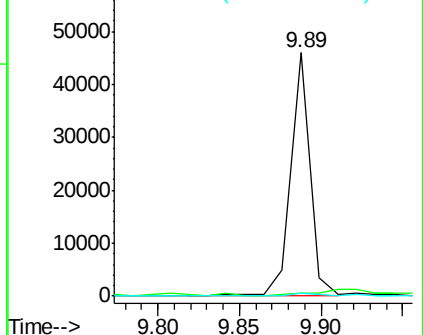


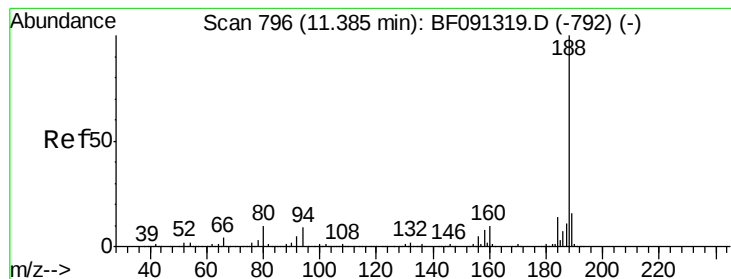
#50
 2,6-Dinitrotoluene
 Concen: 10.05 ng
 RT: 9.89 min Scan# 665
 Delta R.T. 0.22 min
 Lab File: BF091442.D
 Acq: 6 Dec 2016 2:26

Tgt Ion:165 Resp: 38407
 Ion Ratio Lower Upper
 165 100
 63 1.3 59.4 89.0#
 89 1.1 50.8 76.2#



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 795

Delta R.T. -0.00 min

Lab File: BF091442.D

Acq: 6 Dec 2016 2:26

Instrument :

BNA_F

ClientSampleId :

MW-05

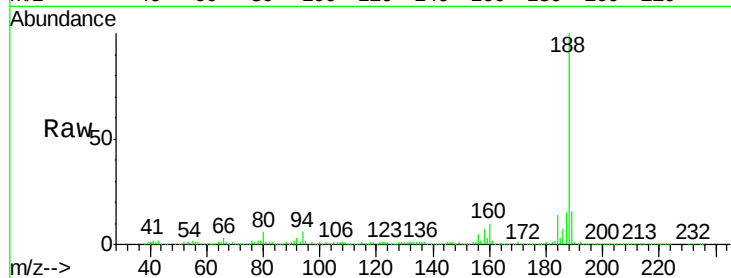
Tgt Ion:188 Resp: 513183

Ion Ratio Lower Upper

188 100

94 6.2 9.2 13.8#

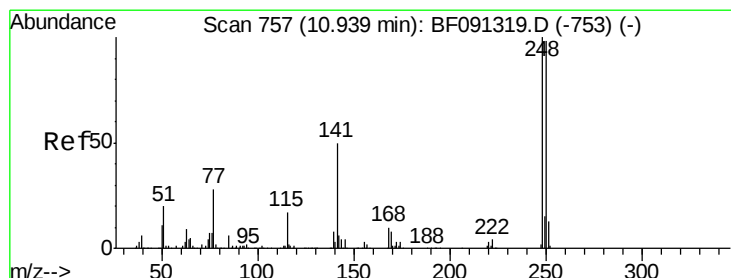
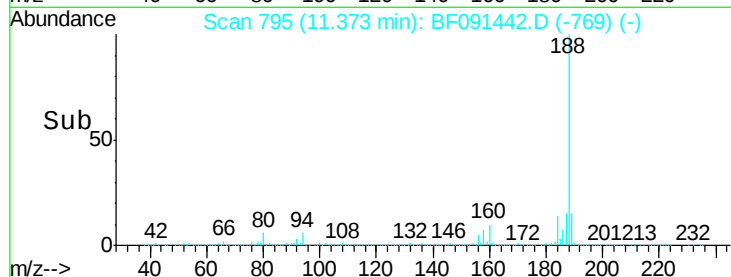
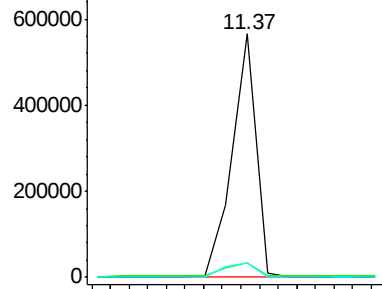
80 6.0 10.5 15.7#



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: 3.98 ng

RT: 10.68 min Scan# 734

Delta R.T. -0.24 min

Lab File: BF091442.D

Acq: 6 Dec 2016 2:26

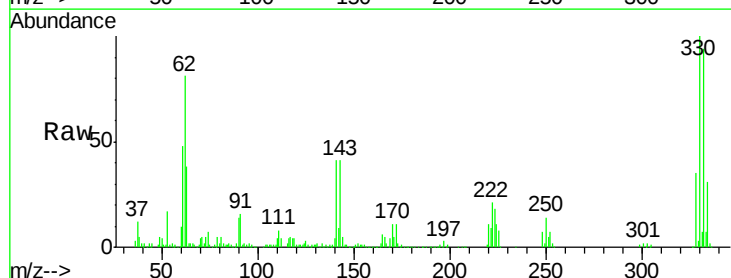
Tgt Ion:248 Resp: 21930

Ion Ratio Lower Upper

248 100

250 208.6 78.2 117.4#

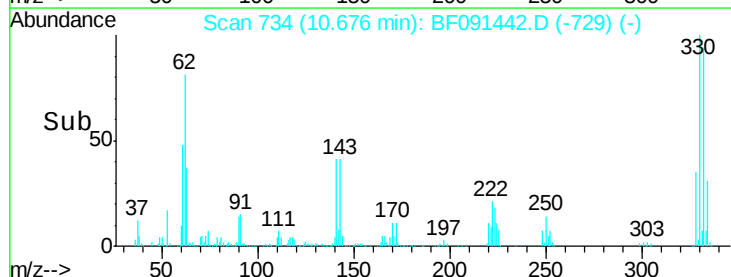
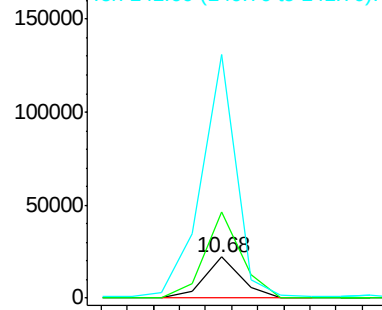
141 591.8 71.9 107.9#

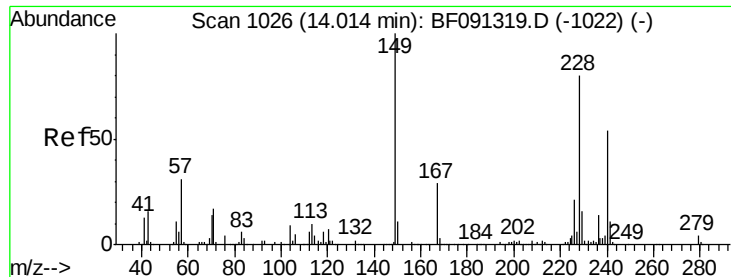


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.00 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BF091442.D

Acq: 6 Dec 2016 2:26

Instrument :

BNA_F

ClientSampleId :

MW-05

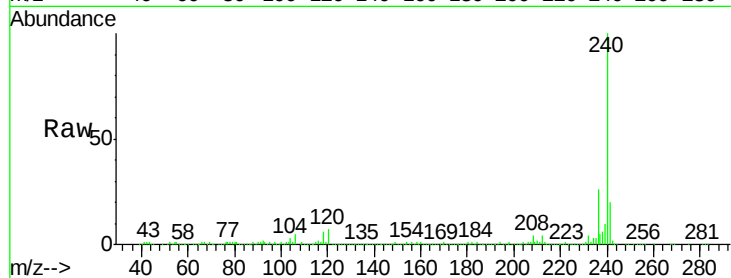
Tgt Ion:240 Resp: 302375

Ion Ratio Lower Upper

240 100

120 6.9 12.1 18.1#

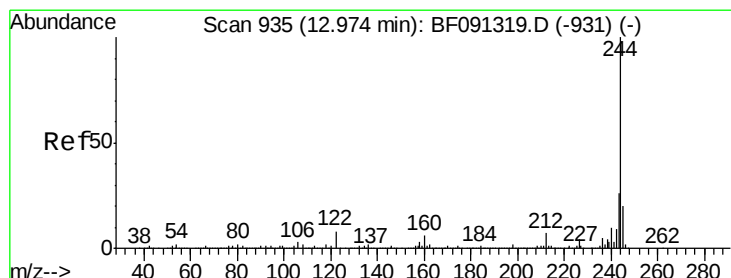
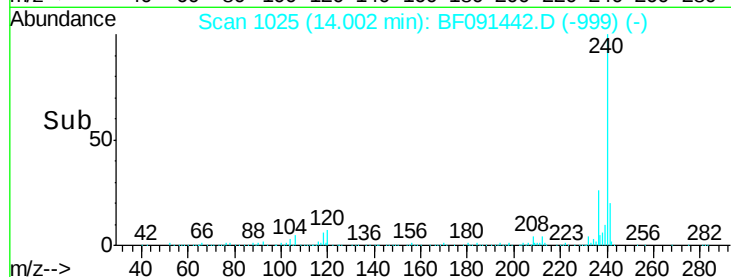
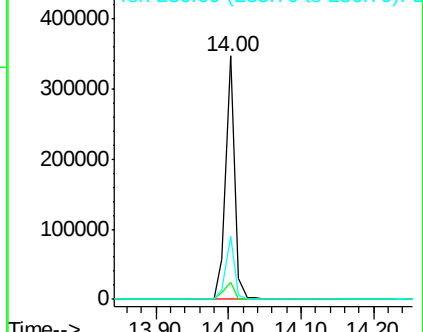
236 26.1 21.0 31.6



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: 118.33 ng

RT: 12.96 min Scan# 934

Delta R.T. -0.00 min

Lab File: BF091442.D

Acq: 6 Dec 2016 2:26

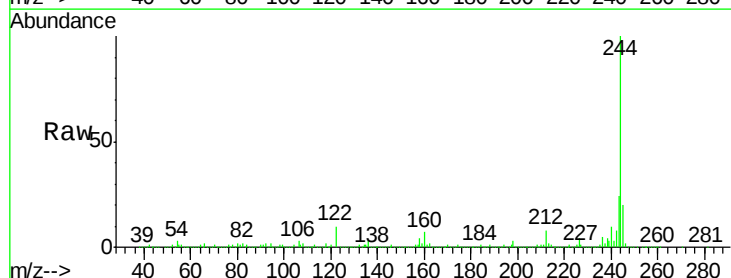
Tgt Ion:244 Resp: 1646157

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

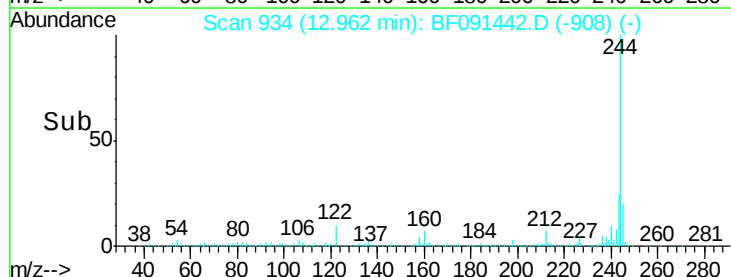
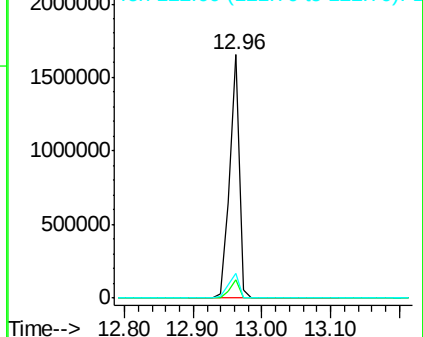
122 10.3 9.5 14.3

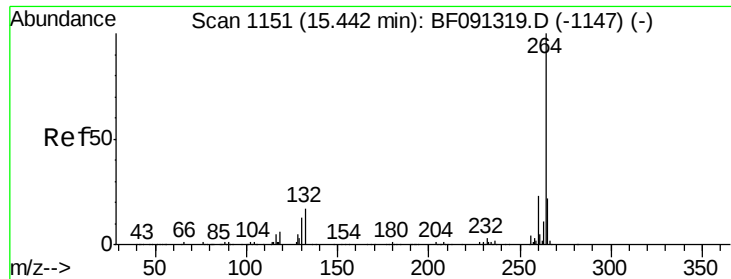


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.43 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BF091442.D
Acq: 6 Dec 2016 2:26

Instrument :
BNA_F
ClientSampleId :
MW-05

Tgt Ion: 264 Resp: 299852
Ion Ratio Lower Upper
264 100
260 23.9 18.8 28.2
265 22.3 17.0 25.6

