

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120516\
 Data File : BF091436.D
 Acq On : 5 Dec 2016 23:41
 Operator : UM/SJ
 Sample : H5802-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

Quant Time: Dec 06 00:56:41 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

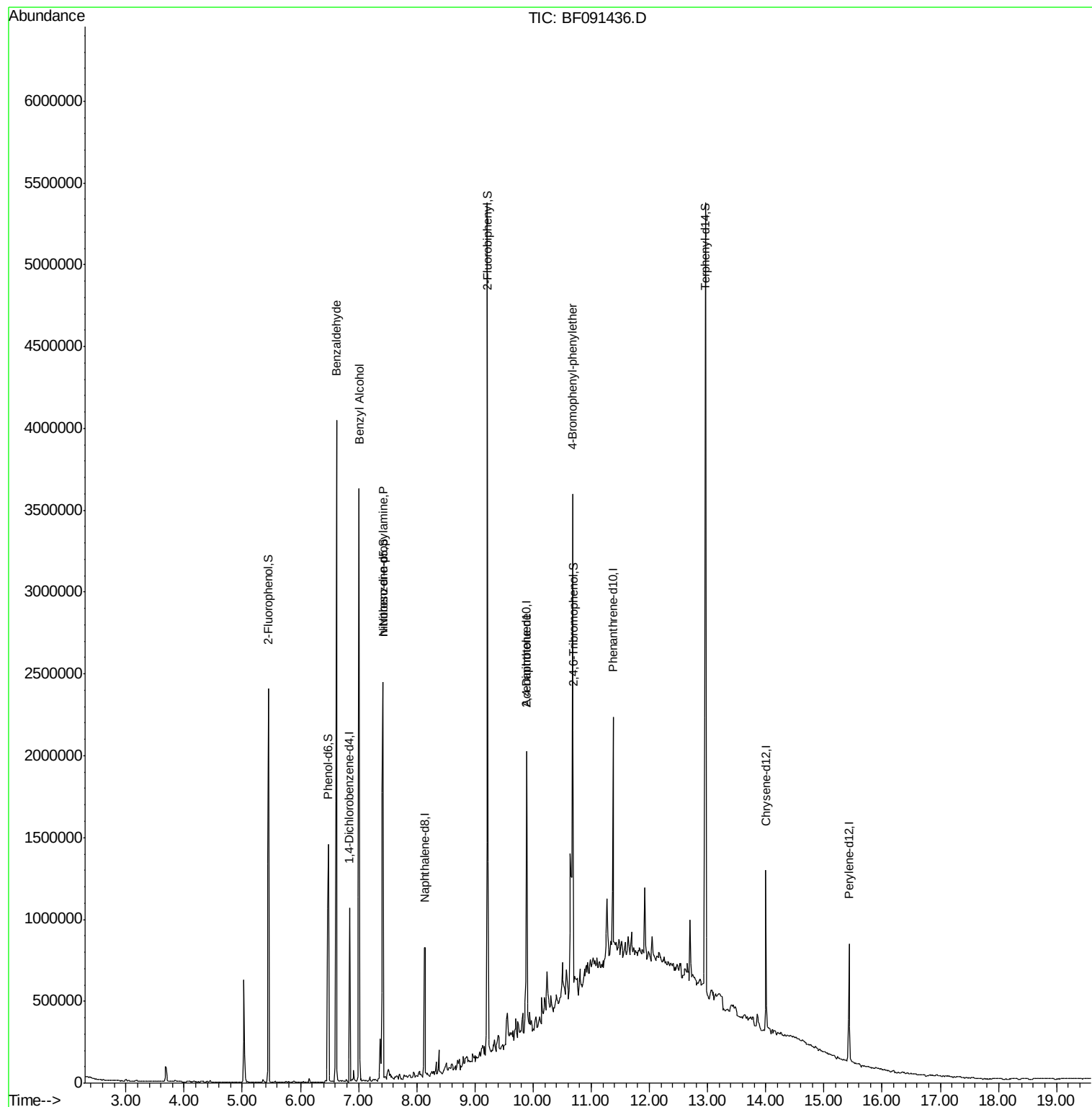
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	137826	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	535950	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	352260	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	549524	20.00	ng	0.00
75) Chrysene-d12	14.00	240	333964	20.00	ng	0.00
86) Perylene-d12	15.43	264	334608	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	676466	80.18	ng	0.01
7) Phenol-d6	6.48	99	596030	57.39	ng	0.00
23) Nitrobenzene-d5	7.42	82	1051538	109.95	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	515318	154.52	ng	0.01
44) 2-Fluorobiphenyl	9.21	172	1810929	93.08	ng	0.00
78) Terphenyl-d14	12.96	244	1566237	101.93	ng	0.00
Target Compounds						
9) Benzaldehyde	6.62	77	27561	4.13	ng	Qvalue 87
15) Benzyl Alcohol	7.01	79	16624	2.00	ng	# 39
19) n-Nitroso-di-n-propylamine	7.42	70	145967	22.31	ng	# 66
56) 2,4-Dinitrotoluene	9.89	165	46980	7.60	ng	# 37
66) 4-Bromophenyl-phenylether	10.68	248	29424	4.98	ng	# 1

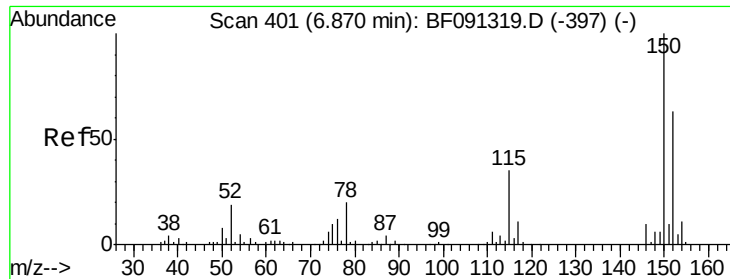
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120516\
Data File : BF091436.D
Acq On : 5 Dec 2016 23:41
Operator : UM/SJ
Sample : H5802-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-04

Quant Time: Dec 06 00:56:41 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 399

Delta R.T. -0.00 min

Lab File: BF091436.D

Acq: 5 Dec 2016 23:41

Instrument :

BNA_F

ClientSampleId :

MW-04

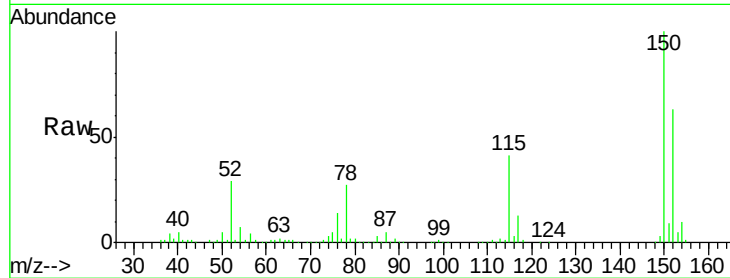
Tgt Ion:152 Resp: 137826

Ion Ratio Lower Upper

152 100

150 158.2 122.5 183.7

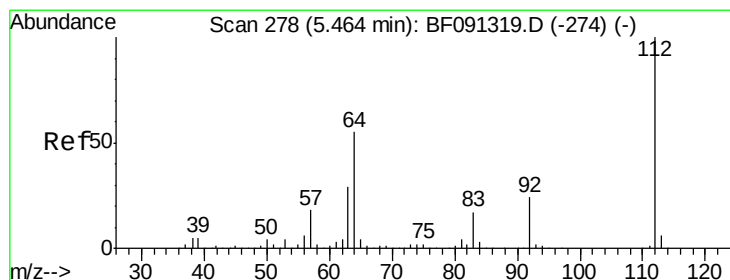
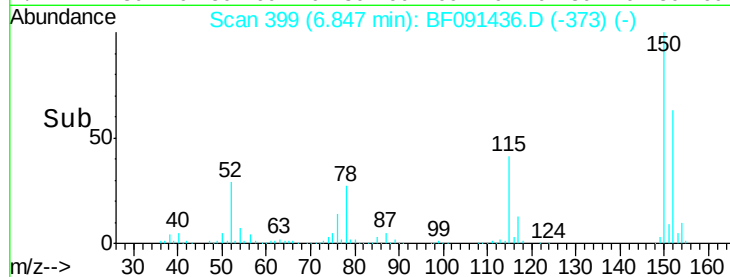
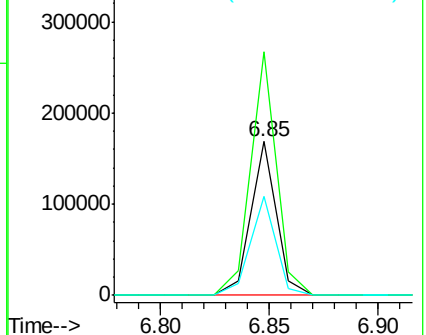
115 64.7 51.8 77.8



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: 80.18 ng

RT: 5.45 min Scan# 277

Delta R.T. 0.01 min

Lab File: BF091436.D

Acq: 5 Dec 2016 23:41

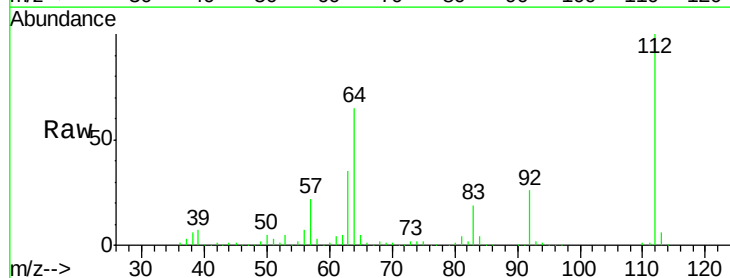
Tgt Ion:112 Resp: 676466

Ion Ratio Lower Upper

112 100

64 65.4 61.5 92.3

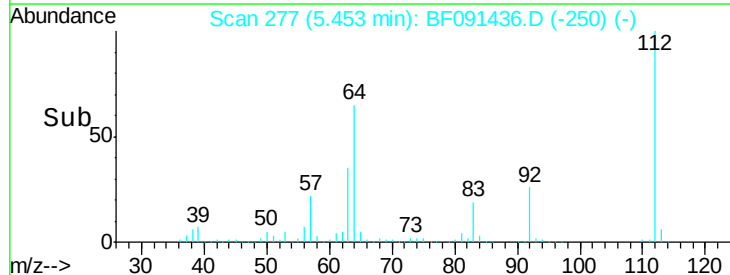
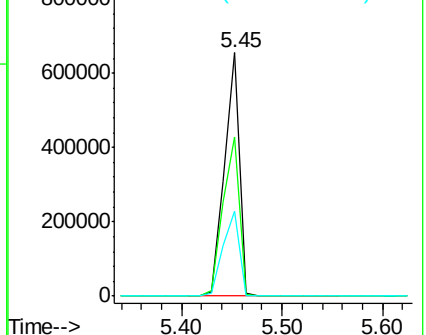
63 34.6 33.3 49.9

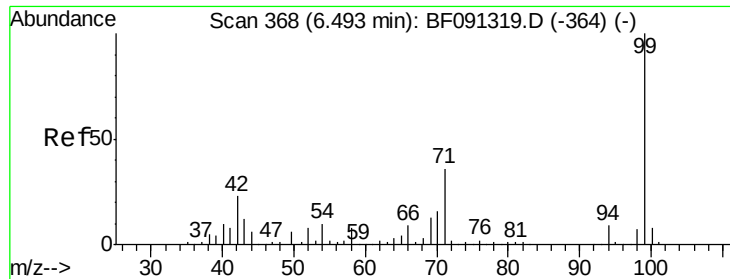


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 57.39 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.00 min

Lab File: BF091436.D

Acq: 5 Dec 2016 23:41

Instrument :

BNA_F

ClientSampleId :

MW-04

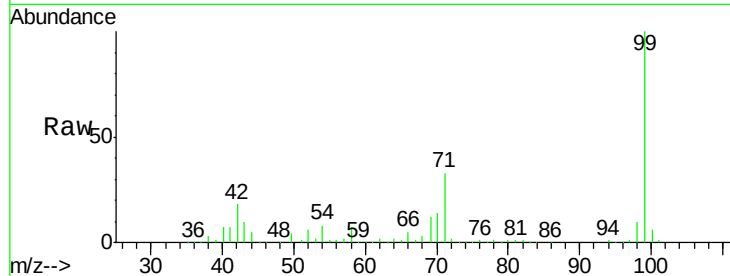
Tgt Ion: 99 Resp: 596030

Ion Ratio Lower Upper

99 100

42 17.6 20.6 31.0#

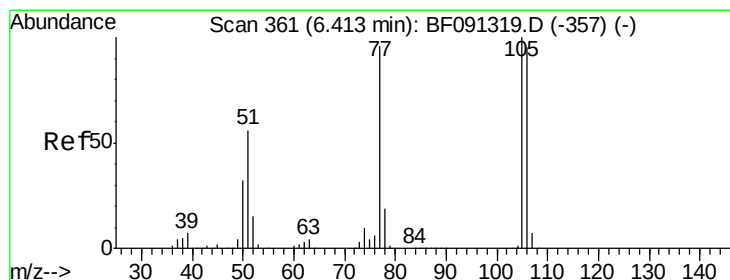
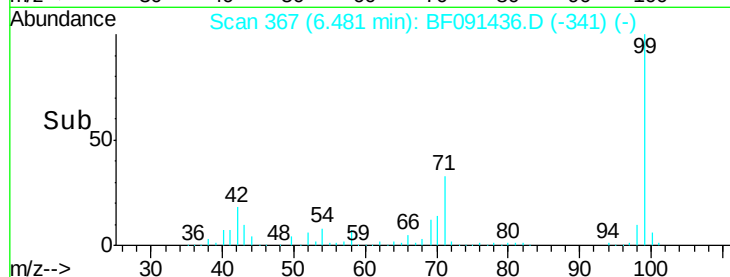
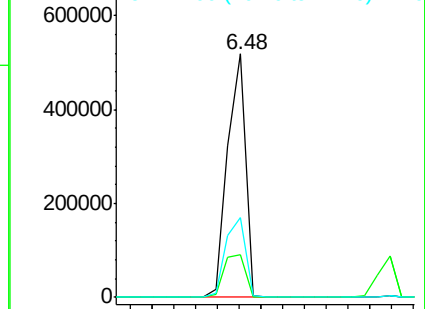
71 32.7 29.9 44.9



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: 4.13 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.23 min

Lab File: BF091436.D

Acq: 5 Dec 2016 23:41

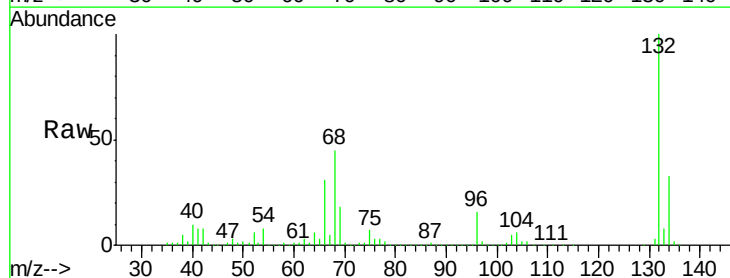
Tgt Ion: 77 Resp: 27561

Ion Ratio Lower Upper

77 100

105 75.3 66.4 106.4

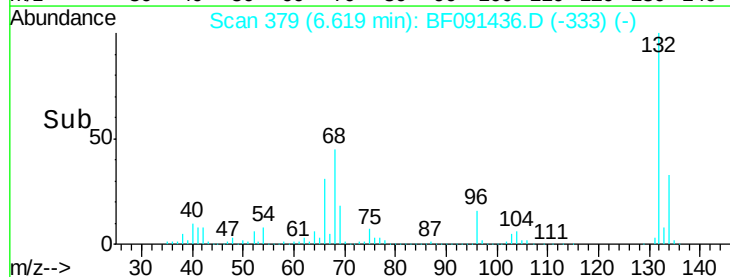
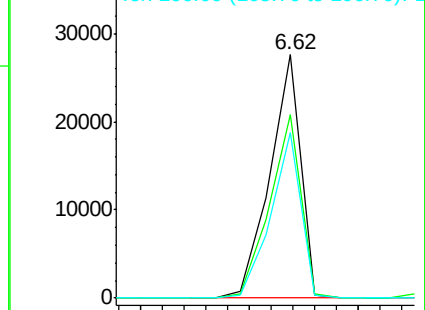
106 68.1 60.9 100.9

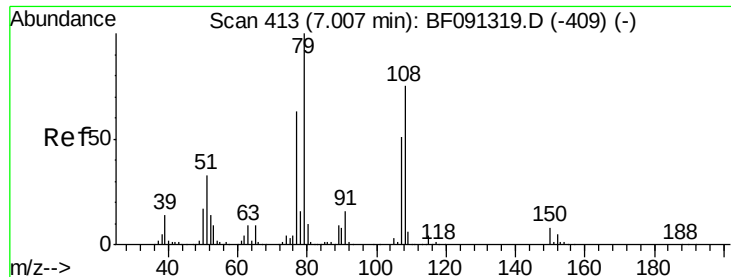


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.00 ng

RT: 7.01 min Scan# 413

Delta R.T. 0.01 min

Lab File: BF091436.D

Acq: 5 Dec 2016 23:41

Instrument :

BNA_F

ClientSampleId :

MW-04

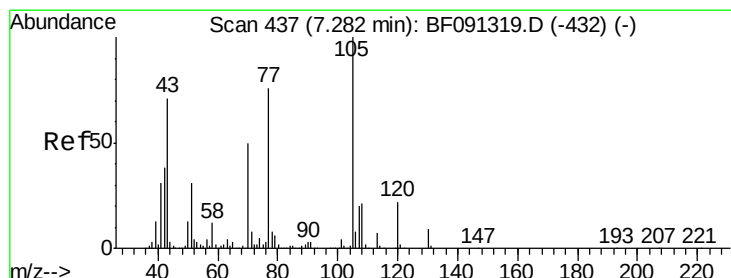
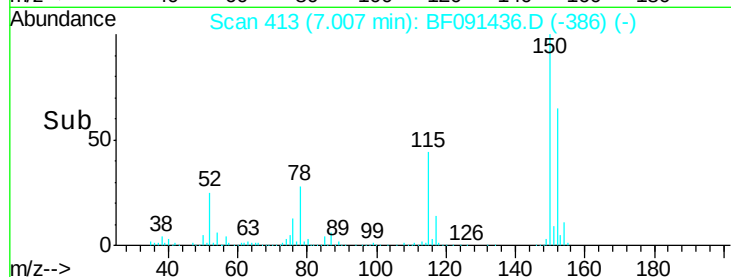
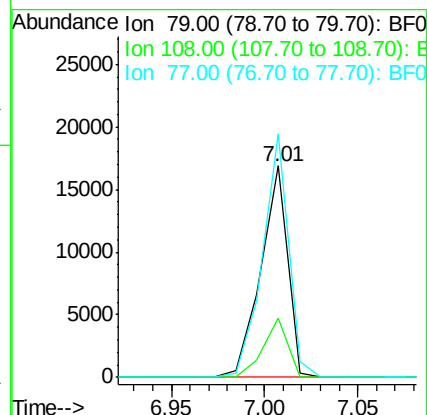
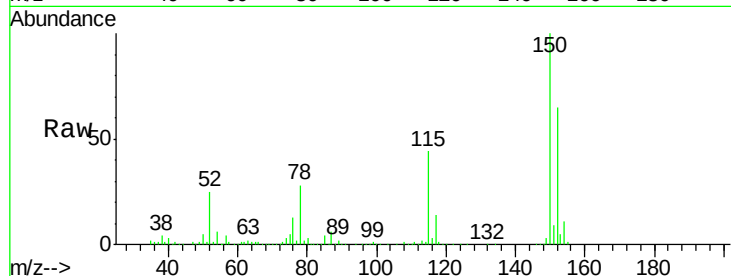
Tgt Ion: 79 Resp: 16624

Ion Ratio Lower Upper

79 100

108 27.8 62.7 94.1#

77 115.2 51.7 77.5#



#19

n-Nitroso-di-n-propylamine

Concen: 22.31 ng

RT: 7.42 min Scan# 449

Delta R.T. 0.15 min

Lab File: BF091436.D

Acq: 5 Dec 2016 23:41

Tgt Ion: 70 Resp: 145967

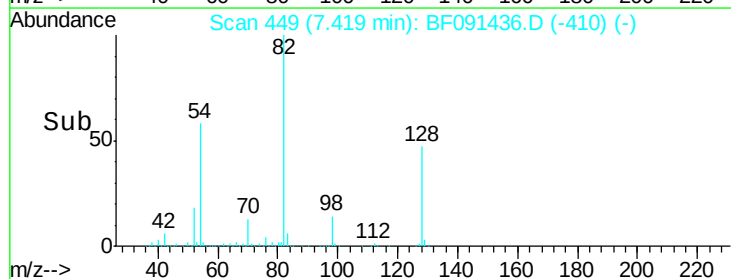
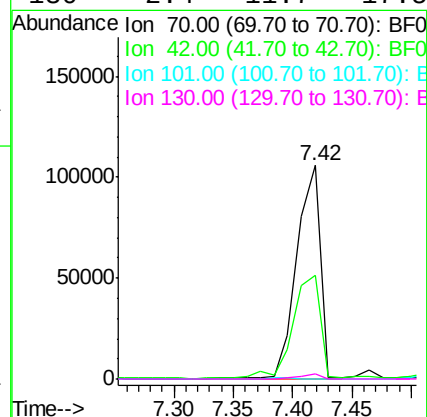
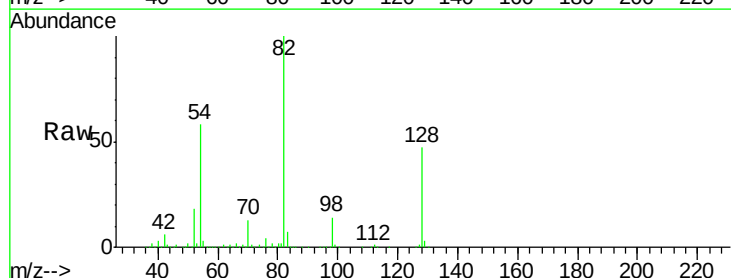
Ion Ratio Lower Upper

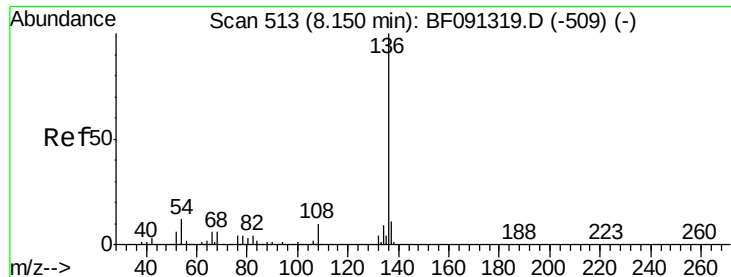
70 100

42 48.6 64.8 97.2#

101 0.0 6.2 9.4#

130 2.4 11.7 17.5#

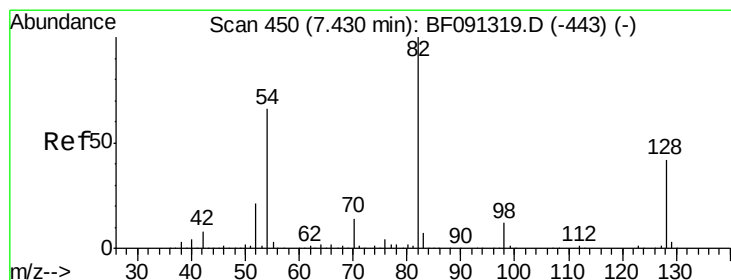
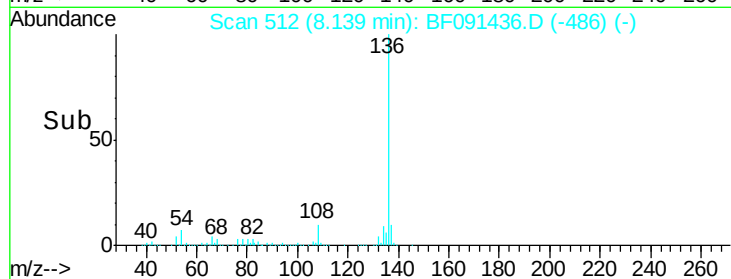
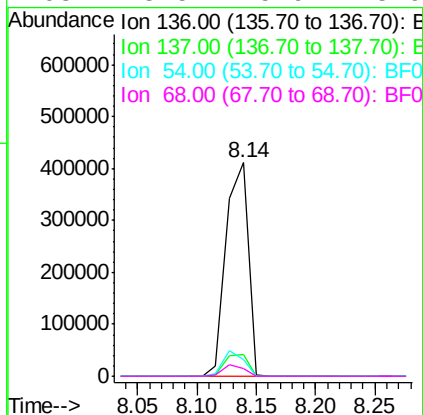
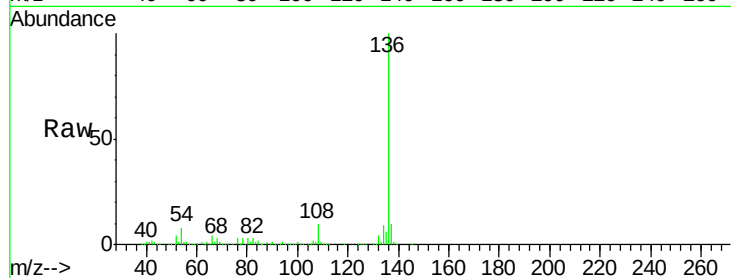




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 512
Delta R.T. -0.00 min
Lab File: BF091436.D
Acq: 5 Dec 2016 23:41

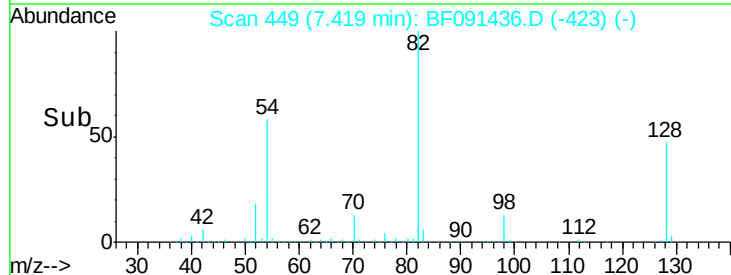
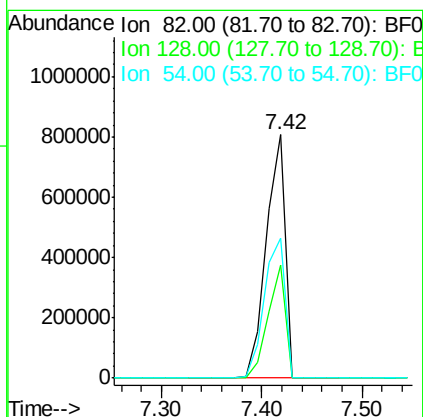
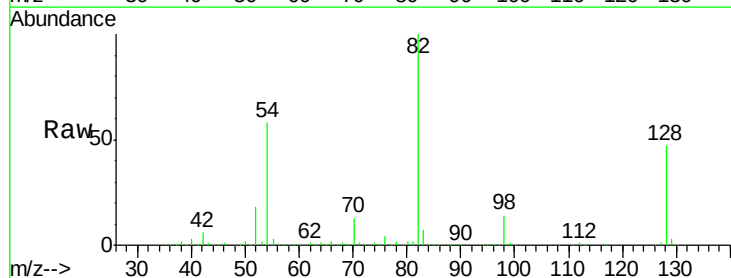
Instrument :
BNA_F
ClientSampleId :
MW-04

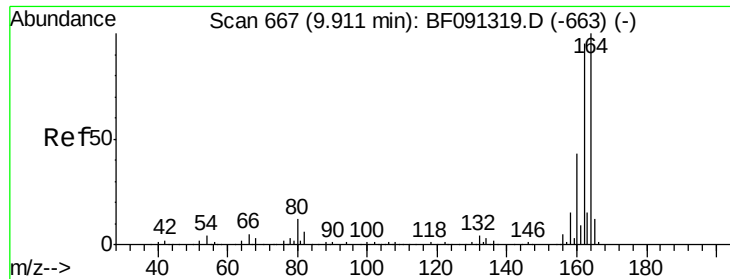
Tgt Ion:	136	Resp:	535950
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.1	13.7
54	7.6	9.1	13.7#
68	3.5	5.9	8.9#



#23
Nitrobenzene-d5
Concen: 109.95 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF091436.D
Acq: 5 Dec 2016 23:41

Tgt Ion:	82	Resp:	1051538
Ion	Ratio	Lower	Upper
82	100		
128	46.6	31.8	47.6
54	57.7	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: BF091436.D

Acq: 5 Dec 2016 23:41

Instrument :

BNA_F

ClientSampleId :

MW-04

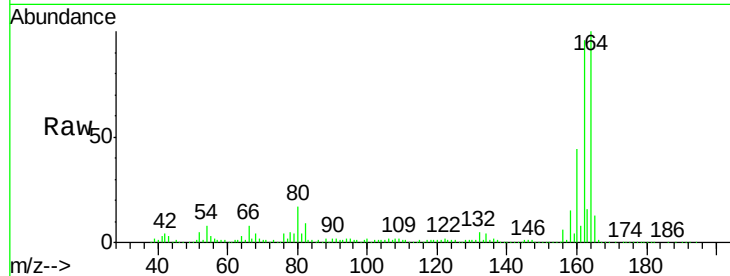
Tgt Ion:164 Resp: 352260

Ion Ratio Lower Upper

164 100

162 96.0 82.6 124.0

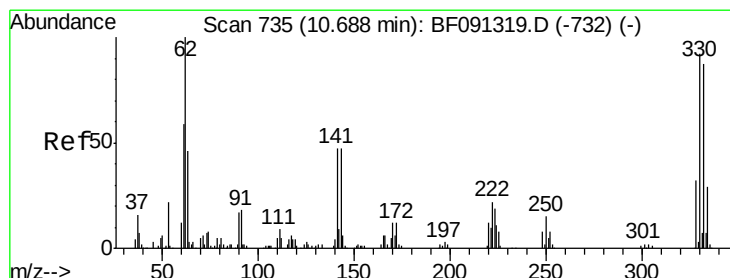
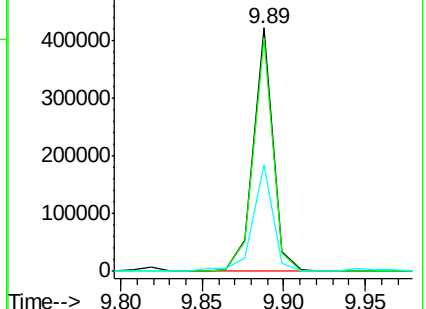
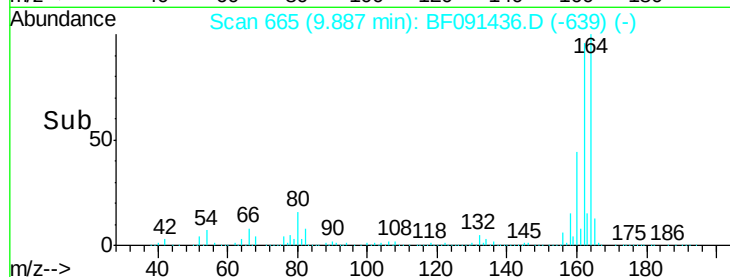
160 43.6 36.7 55.1



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: 154.52 ng

RT: 10.69 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF091436.D

Acq: 5 Dec 2016 23:41

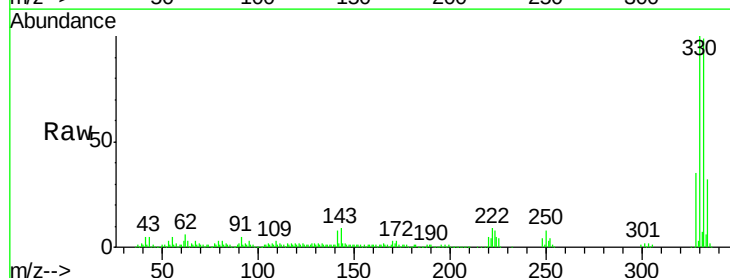
Tgt Ion:330 Resp: 515318

Ion Ratio Lower Upper

330 100

332 95.6 76.2 114.4

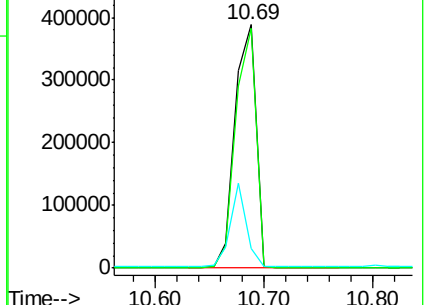
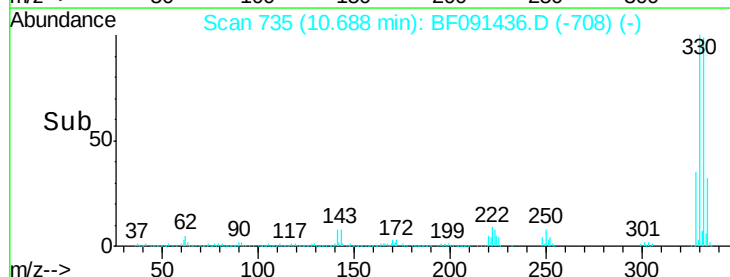
141 26.6 33.6 50.4#

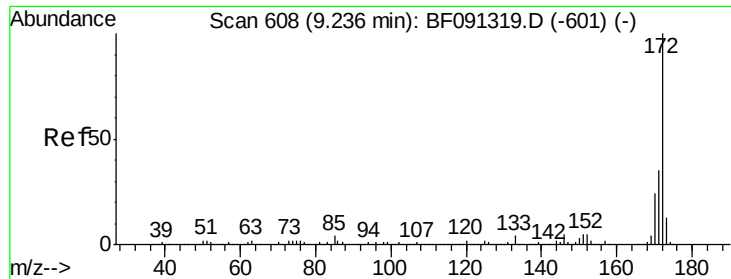


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

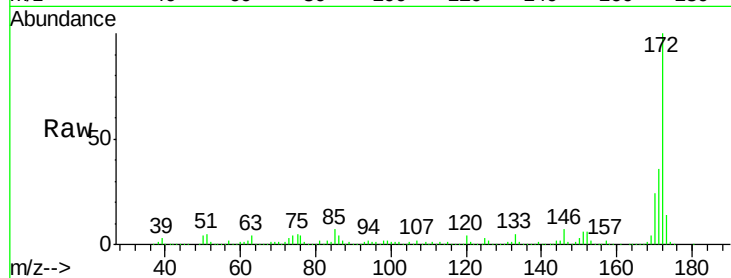




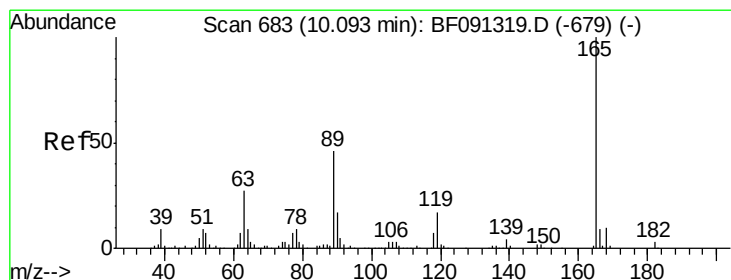
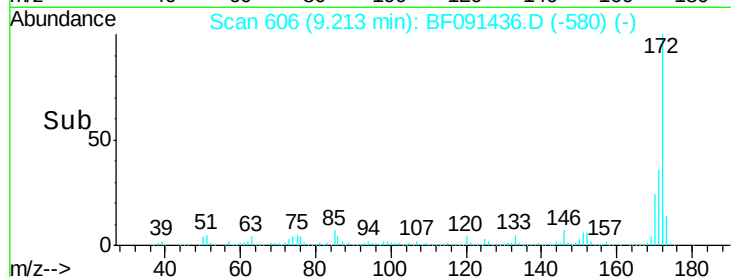
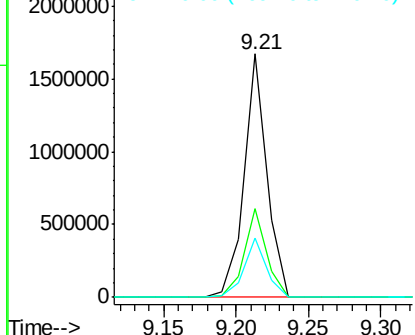
#44
2-Fluorobiphenyl
Concen: 93.08 ng
RT: 9.21 min Scan# 606
Delta R.T. -0.00 min
Lab File: BF091436.D
Acq: 5 Dec 2016 23:41

Instrument :
BNA_F
ClientSampleId :
MW-04

Tgt Ion:172 Resp: 1810929
Ion Ratio Lower Upper
172 100
171 36.2 29.4 44.0
170 24.3 19.7 29.5

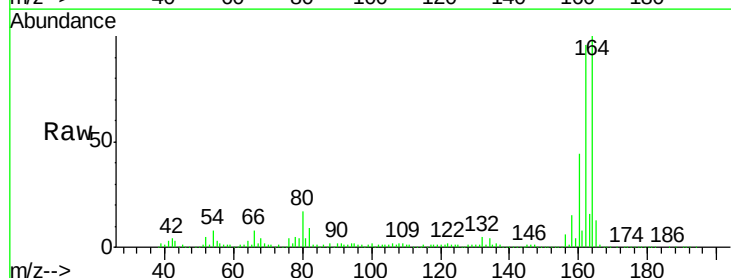


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

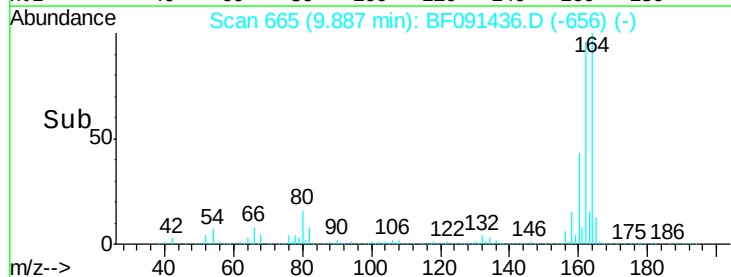
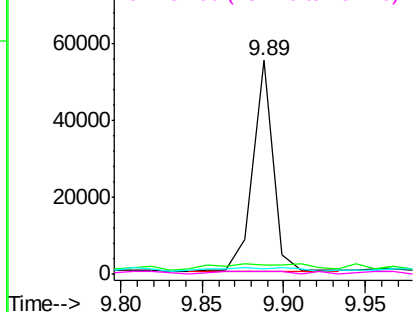


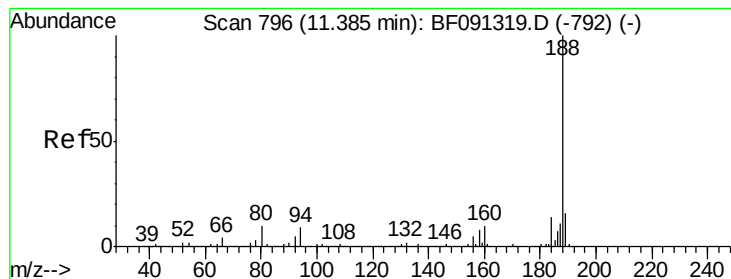
#56
2,4-Dinitrotoluene
Concen: 7.60 ng
RT: 9.89 min Scan# 665
Delta R.T. -0.19 min
Lab File: BF091436.D
Acq: 5 Dec 2016 23:41

Tgt Ion:165 Resp: 46980
Ion Ratio Lower Upper
165 100
63 4.1 29.0 43.4#
89 2.6 43.1 64.7#
182 1.4 1.9 2.9#



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 795

Delta R.T. -0.00 min

Lab File: BF091436.D

Acq: 5 Dec 2016 23:41

Instrument :

BNA_F

ClientSampleId :

MW-04

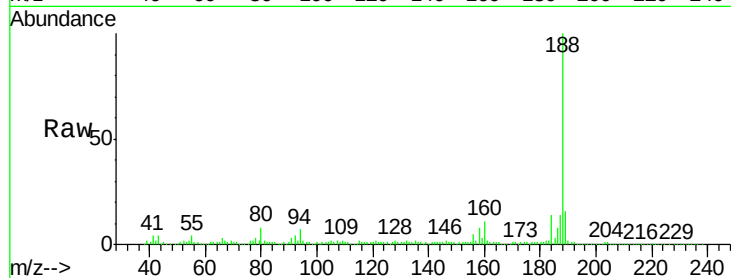
Tgt Ion:188 Resp: 549524

Ion Ratio Lower Upper

188 100

94 7.3 9.2 13.8#

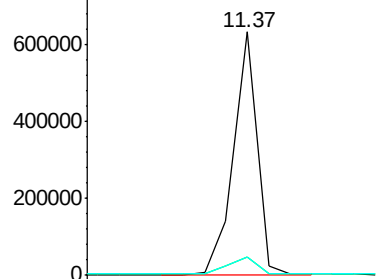
80 7.6 10.5 15.7#



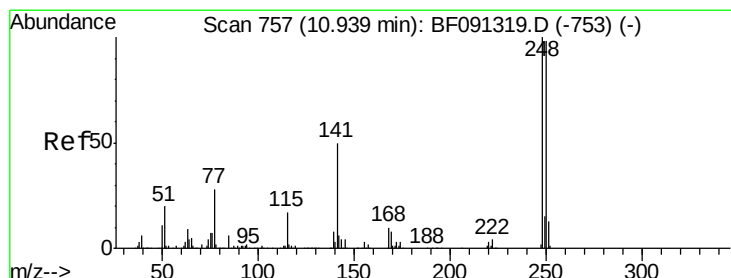
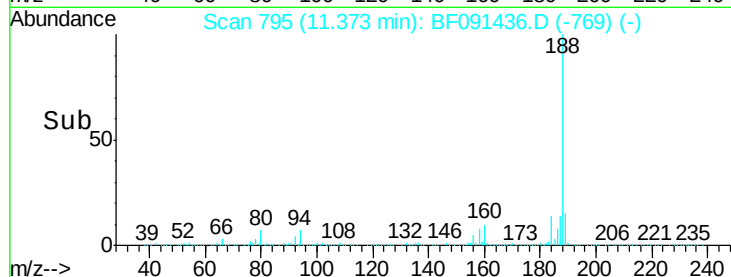
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->



#66

4-Bromophenyl-phenylether

Concen: 4.98 ng

RT: 10.68 min Scan# 734

Delta R.T. -0.24 min

Lab File: BF091436.D

Acq: 5 Dec 2016 23:41

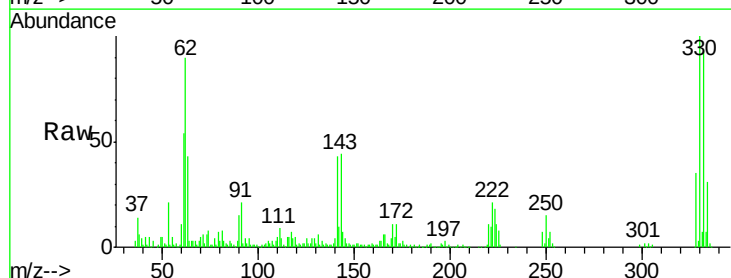
Tgt Ion:248 Resp: 29424

Ion Ratio Lower Upper

248 100

250 198.1 78.2 117.4#

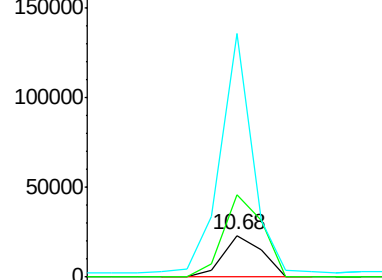
141 588.1 71.9 107.9#



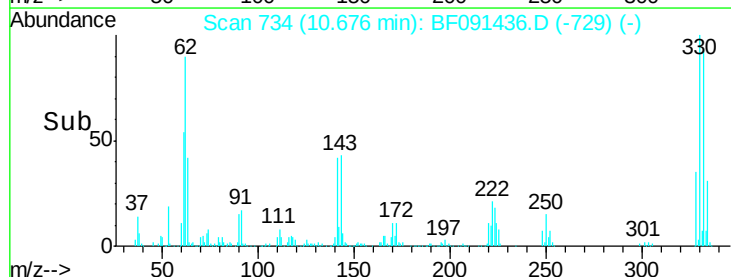
Abundance Ion 248.00 (247.70 to 248.70): E

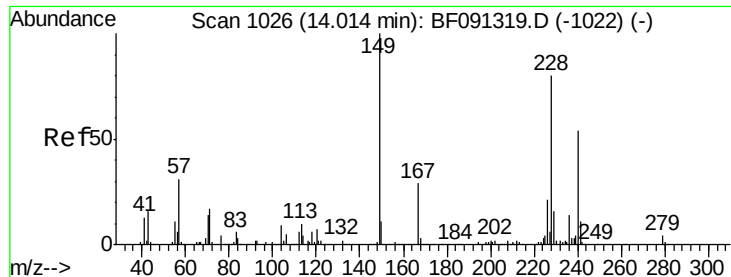
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BF091436.D

Acq: 5 Dec 2016 23:41

Instrument :

BNA_F

ClientSampleId :

MW-04

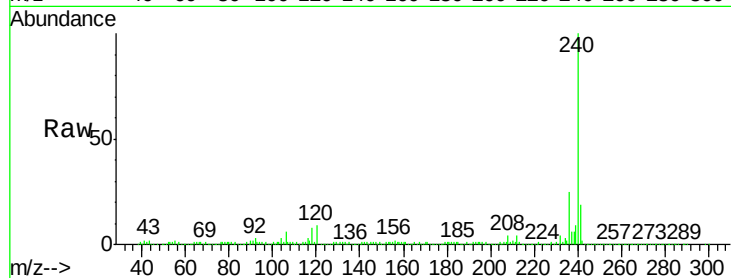
Tgt Ion:240 Resp: 333964

Ion Ratio Lower Upper

240 100

120 9.3 12.1 18.1#

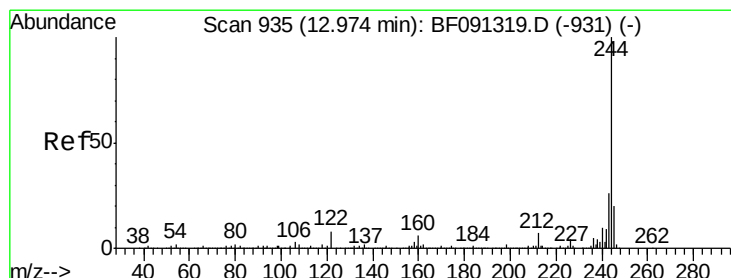
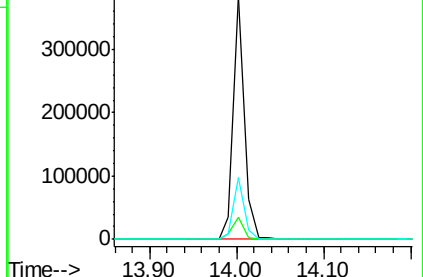
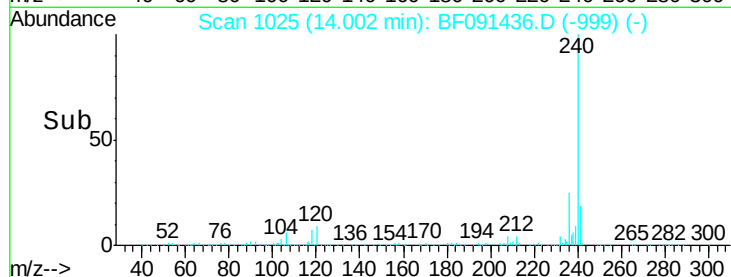
236 25.3 21.0 31.6



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: 101.93 ng

RT: 12.96 min Scan# 934

Delta R.T. -0.00 min

Lab File: BF091436.D

Acq: 5 Dec 2016 23:41

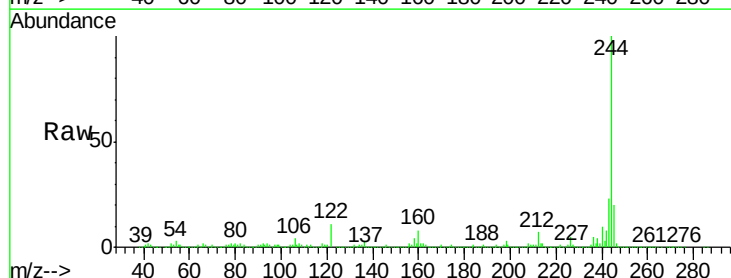
Tgt Ion:244 Resp: 1566237

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

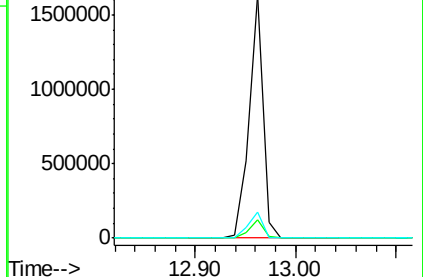
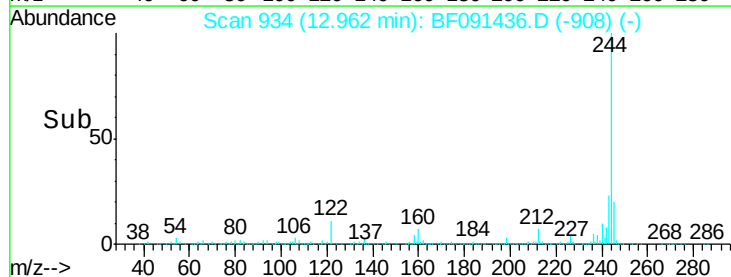
122 10.7 9.5 14.3

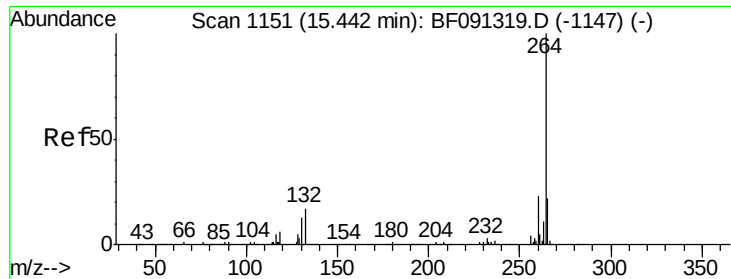


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



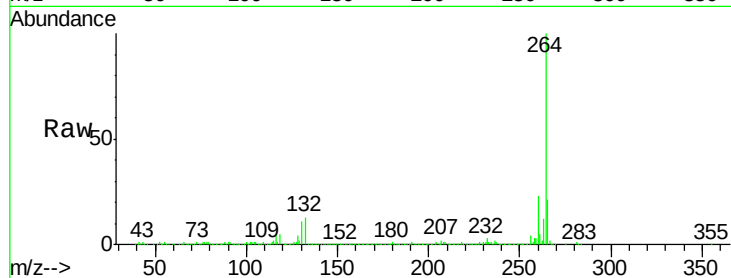


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BF091436.D
Acq: 5 Dec 2016 23:41

Instrument :
BNA_F
ClientSampleId :
MW-04

Tgt Ion: 264 Resp: 334608

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.8	28.2
265	21.3	17.0	25.6



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

