

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122816\
 Data File : BF092004.D
 Acq On : 28 Dec 2016 19:47
 Operator : UM/SJ
 Sample : H6244-01RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5RE

Quant Time: Dec 29 00:41:07 2016
 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

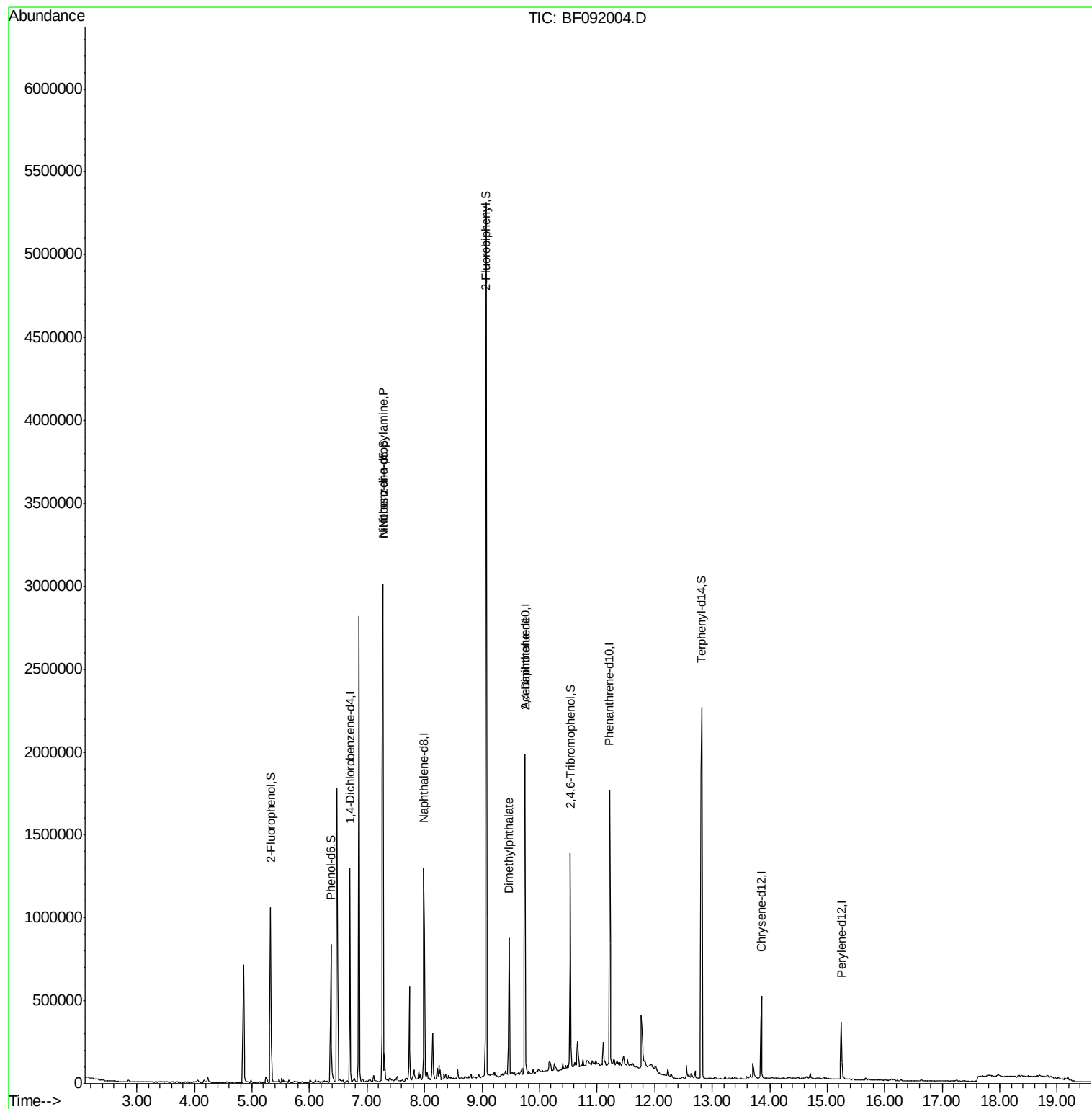
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	203160	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	805230	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	451334	20.00	ng	-0.01
63) Phenanthrene-d10	11.22	188	694688	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	223906	20.00	ng	-0.01
86) Perylene-d12	15.24	264	150443	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	351796	28.91	ng	0.00
7) Phenol-d6	6.37	99	345447	23.25	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1273468	87.94	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	177058	47.40	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1768065	79.42	ng	-0.01
78) Terphenyl-d14	12.82	244	994037	107.67	ng	0.00
Target Compounds						
9) Benzaldehyde	6.25	77	1671	Below Cal	#	80
19) n-Nitroso-di-n-propylamine	7.28	70	167660	16.96	ng	# 75
37) 2-Methylnaphthalene	8.70	142	4012	Below Cal		88
49) Dimethylphthalate	9.47	163	331083	11.47	ng	99
56) 2,4-Dinitrotoluene	9.74	165	58055	7.32	ng	# 20
71) Anthracene	11.24	178	9210	Below Cal		93
73) Di-n-butylphthalate	11.80	149	47144	Below Cal		98
74) Fluoranthene	12.43	202	1194	Below Cal		73

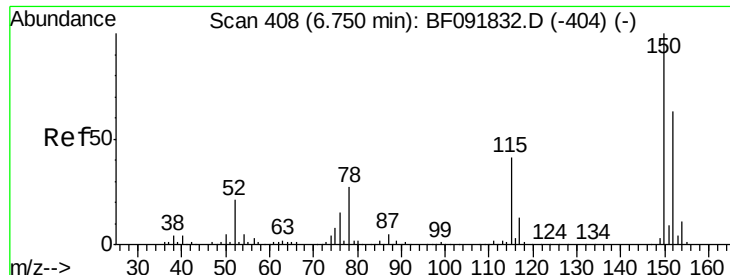
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122816\
Data File : BF092004.D
Acq On : 28 Dec 2016 19:47
Operator : UM/SJ
Sample : H6244-01RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-5RE

Quant Time: Dec 29 00:41:07 2016
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



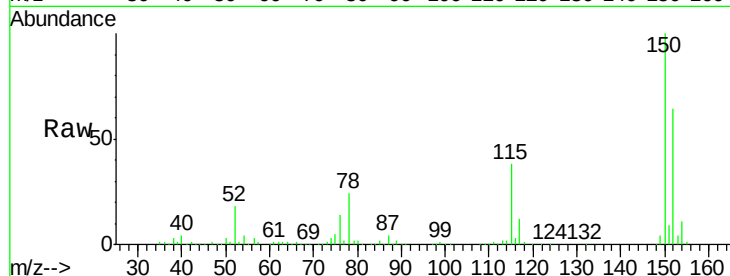


#1

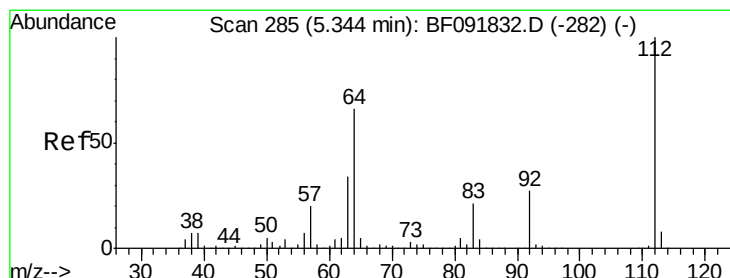
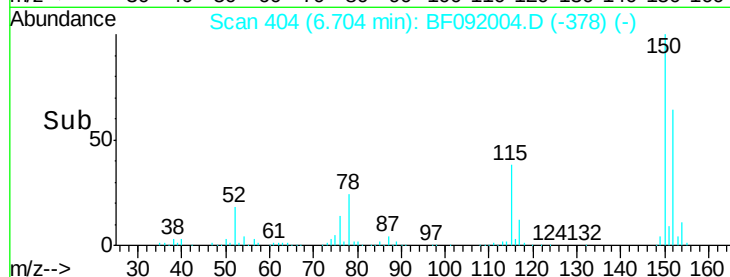
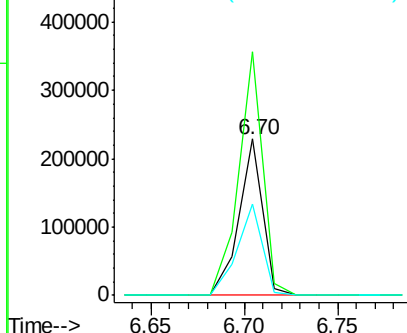
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 404
Delta R.T. -0.00 min
Lab File: BF092004.D
Acq: 28 Dec 2016 19:47

Instrument :
BNA_F
ClientSampleId :
MW-5RE

Tgt Ion:152 Resp: 203160
Ion Ratio Lower Upper
152 100
150 155.6 124.9 187.3
115 58.5 46.0 69.0



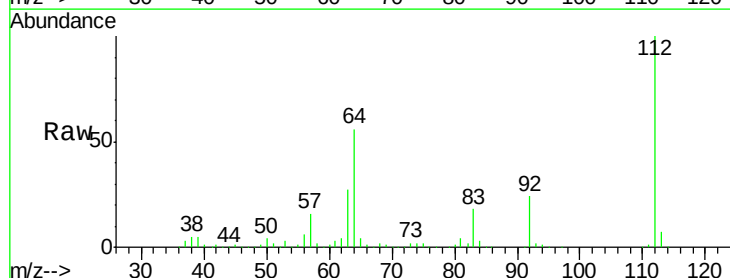
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



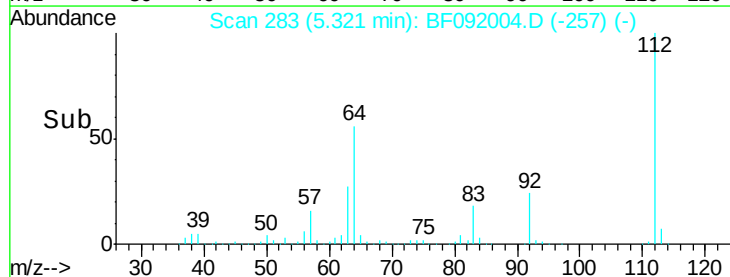
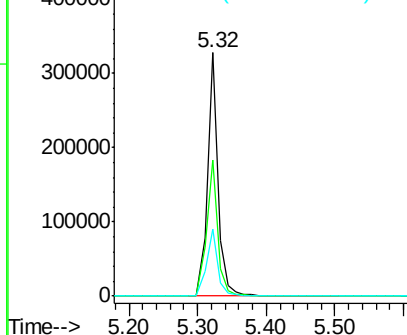
#5

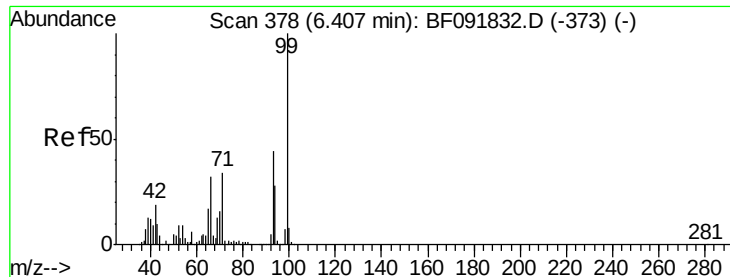
2-Fluorophenol
Concen: 28.91 ng
RT: 5.32 min Scan# 283
Delta R.T. -0.00 min
Lab File: BF092004.D
Acq: 28 Dec 2016 19:47

Tgt Ion:112 Resp: 351796
Ion Ratio Lower Upper
112 100
64 55.8 46.1 69.1
63 27.4 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: 23.25 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF092004.D

Acq: 28 Dec 2016 19:47

Instrument :

BNA_F

ClientSampleId :

MW-5RE

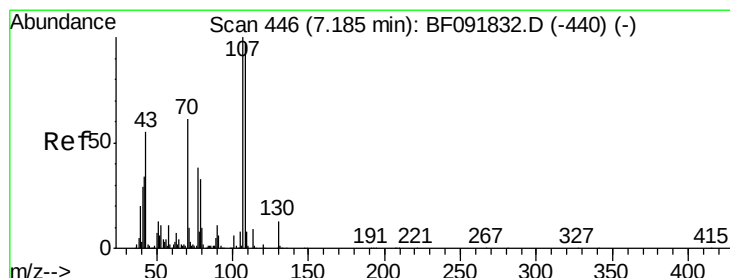
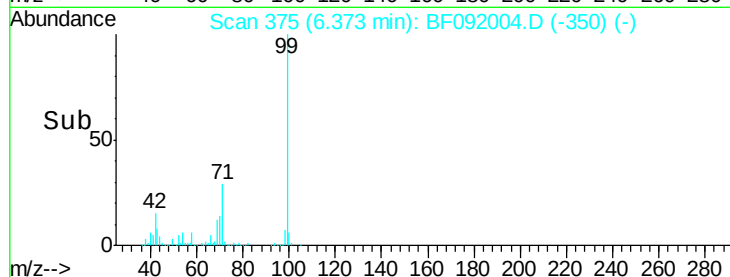
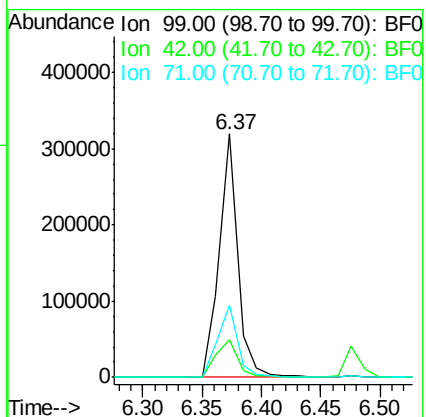
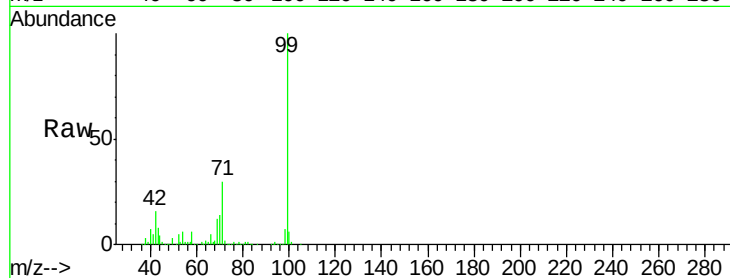
Tgt Ion: 99 Resp: 345447

Ion Ratio Lower Upper

99 100

42 15.6 15.6 23.4

71 29.5 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 16.96 ng

RT: 7.28 min Scan# 454

Delta R.T. 0.14 min

Lab File: BF092004.D

Acq: 28 Dec 2016 19:47

Tgt Ion: 70 Resp: 167660

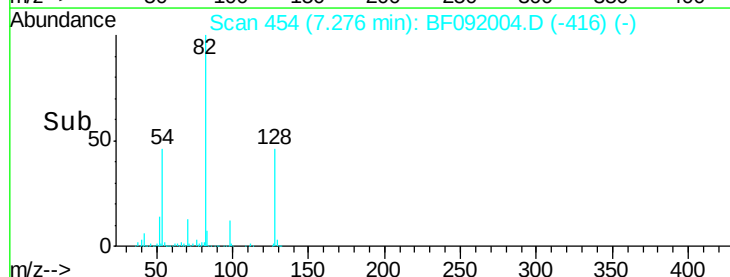
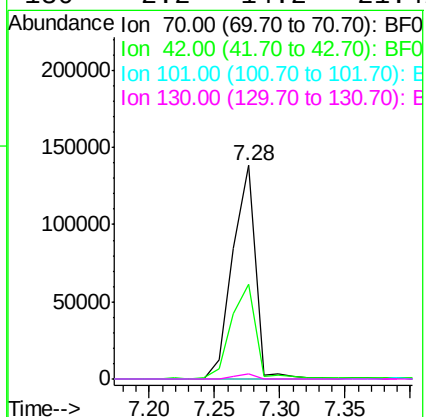
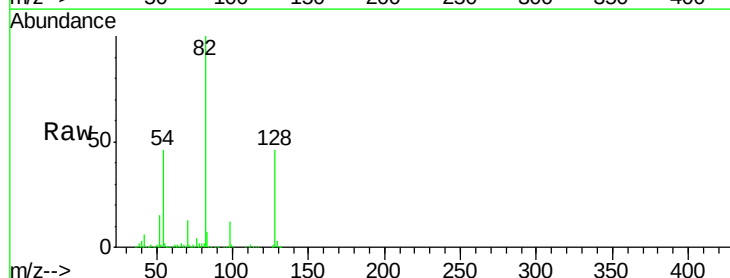
Ion Ratio Lower Upper

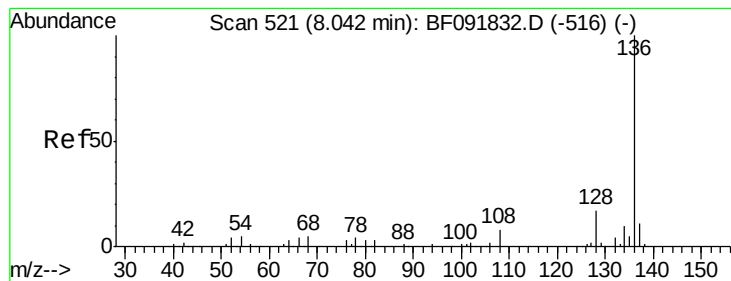
70 100

42 44.6 49.4 74.0#

101 0.0 7.4 11.2#

130 2.2 14.2 21.4#

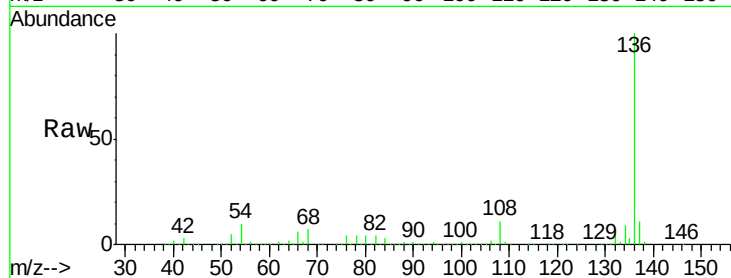




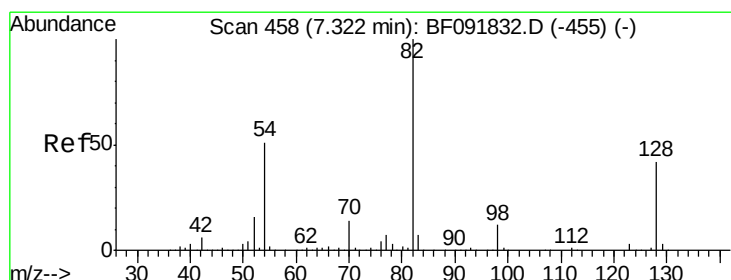
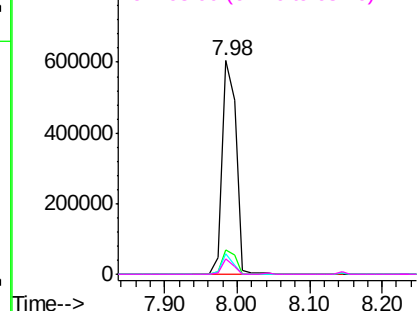
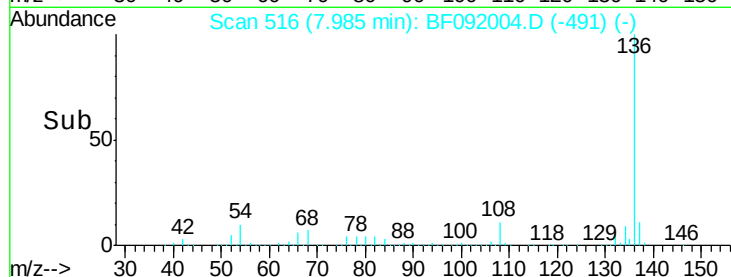
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF092004.D
Acq: 28 Dec 2016 19:47

Instrument :
BNA_F
ClientSampleId :
MW-5RE

Tgt Ion: 136 Resp: 805230
Ion Ratio Lower Upper
136 100
137 11.4 8.4 12.6
54 9.9 4.5 6.7#
68 7.3 3.6 5.4#

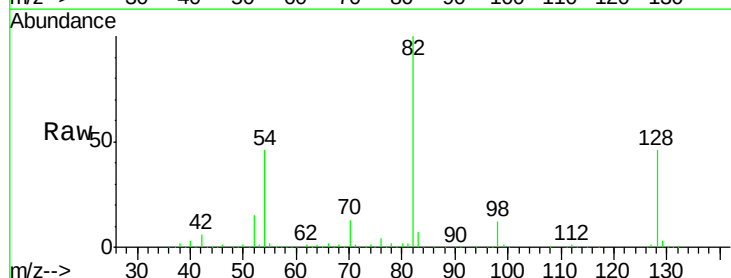


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

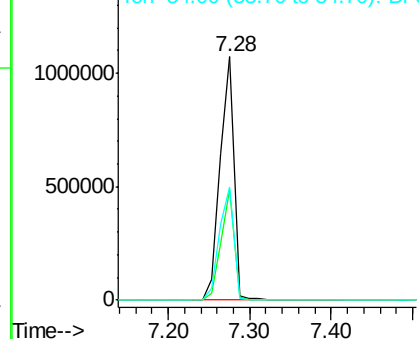
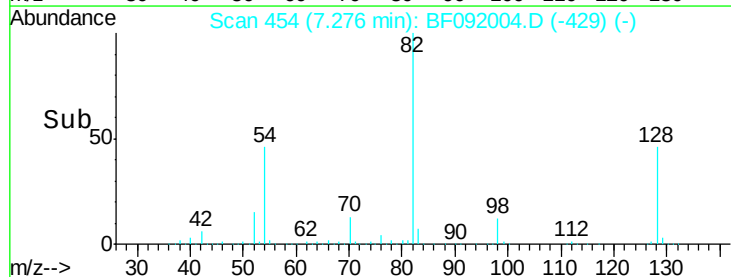


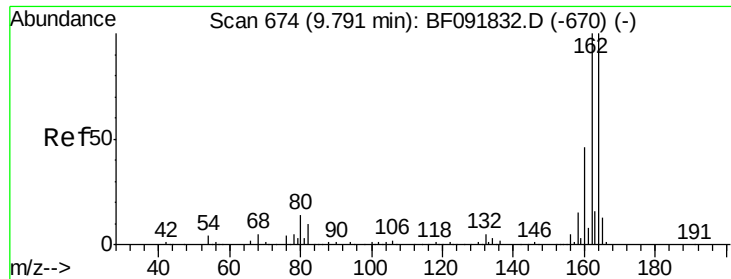
#23
Nitrobenzene-d5
Concen: 87.94 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF092004.D
Acq: 28 Dec 2016 19:47

Tgt Ion: 82 Resp: 1273468
Ion Ratio Lower Upper
82 100
128 45.5 34.6 52.0
54 46.2 39.5 59.3



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

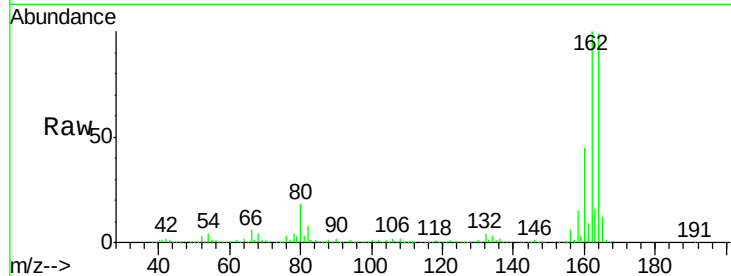




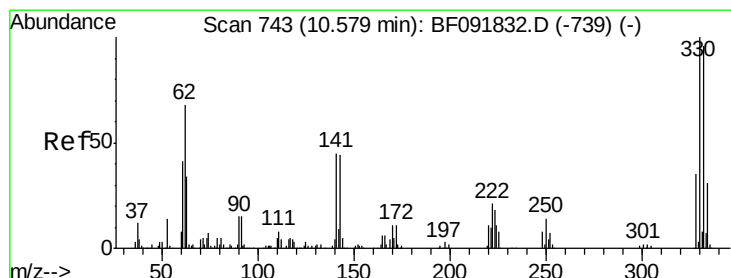
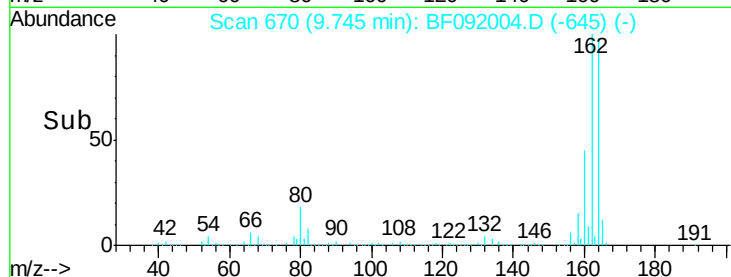
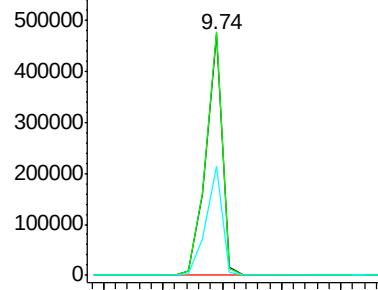
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF092004.D
Acq: 28 Dec 2016 19:47

Instrument :
BNA_F
ClientSampleId :
MW-5RE

Tgt Ion:164 Resp: 451334
Ion Ratio Lower Upper
164 100
162 101.1 80.2 120.2
160 45.5 36.9 55.3

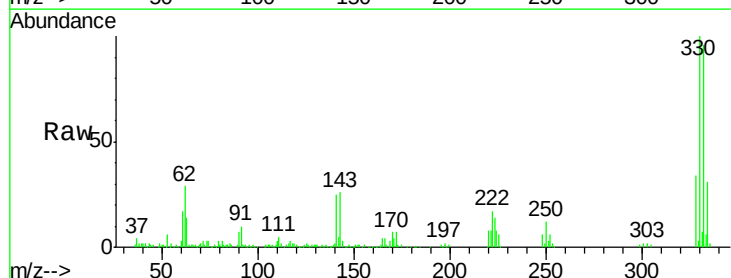


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

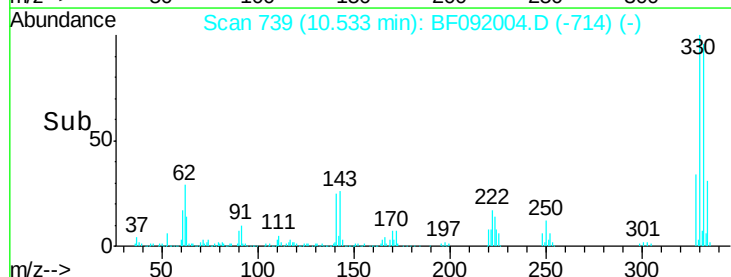
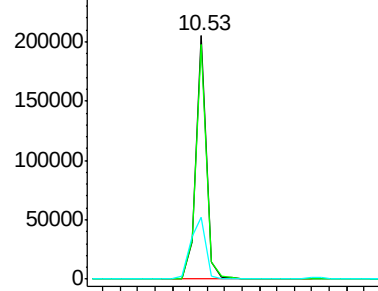


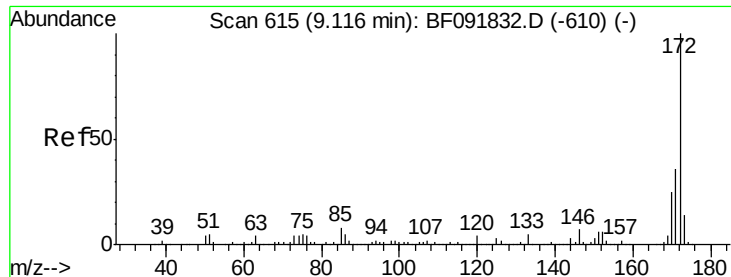
#41
2,4,6-Tribromophenol
Concen: 47.40 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF092004.D
Acq: 28 Dec 2016 19:47

Tgt Ion:330 Resp: 177058
Ion Ratio Lower Upper
330 100
332 97.2 77.4 116.2
141 36.0 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

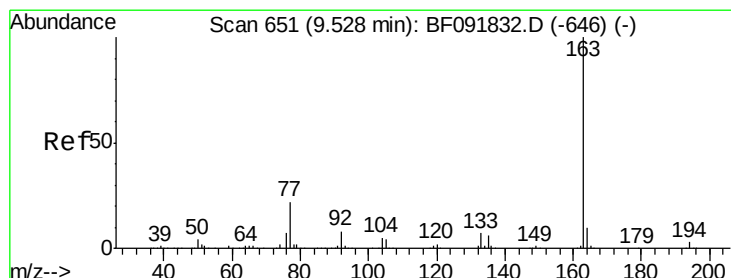
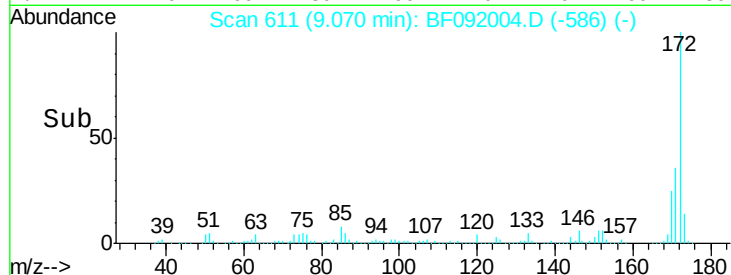
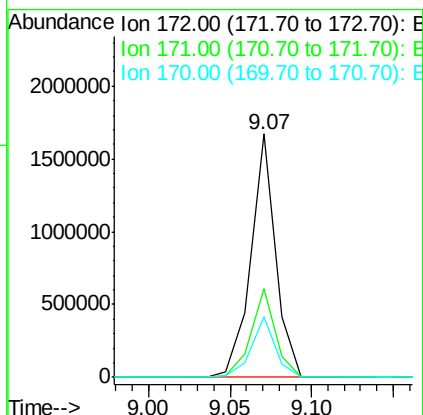
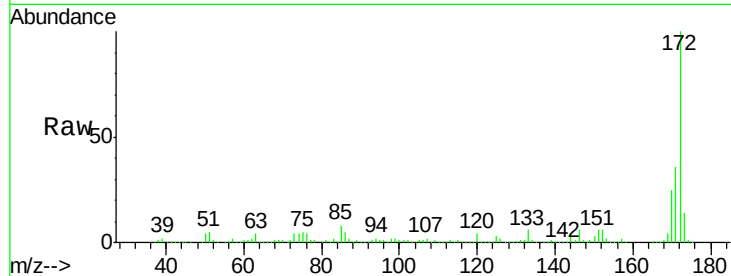




#44
 2-Fluorobiphenyl
 Concen: 79.42 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF092004.D
 Acq: 28 Dec 2016 19:47

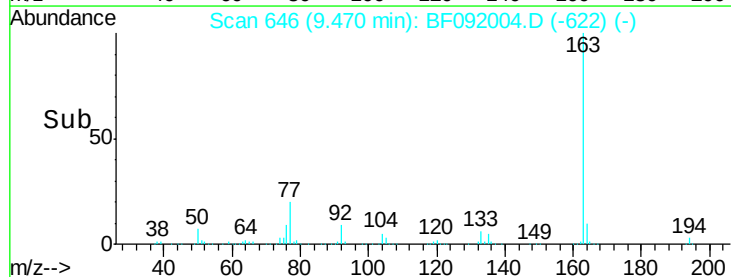
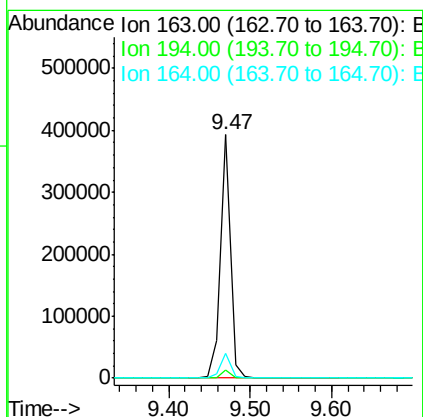
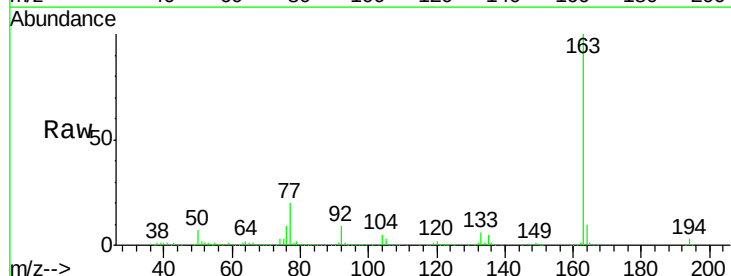
Instrument :
 BNA_F
 ClientSampleId :
 MW-5RE

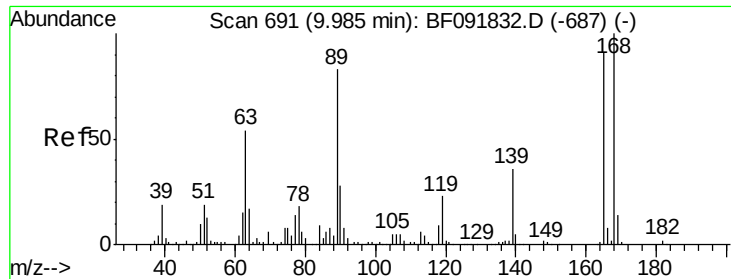
Tgt Ion:172 Resp: 1768065
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 24.6 20.2 30.4



#49
 Dimethylphthalate
 Concen: 11.47 ng
 RT: 9.47 min Scan# 646
 Delta R.T. -0.02 min
 Lab File: BF092004.D
 Acq: 28 Dec 2016 19:47

Tgt Ion:163 Resp: 331083
 Ion Ratio Lower Upper
 163 100
 194 3.4 3.0 4.4
 164 10.1 8.0 12.0

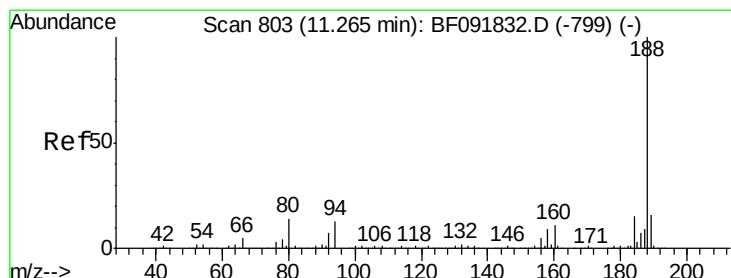
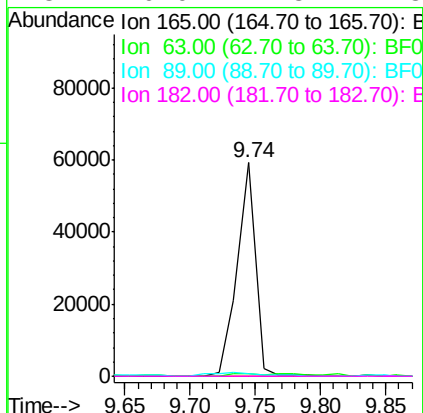
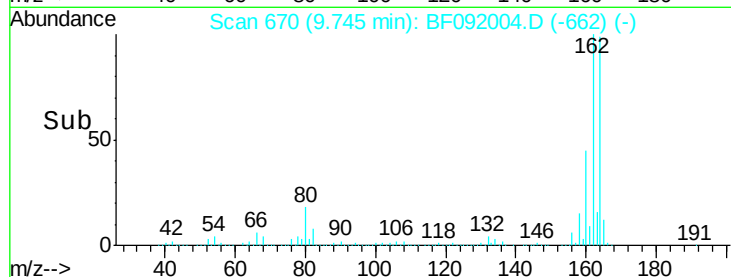
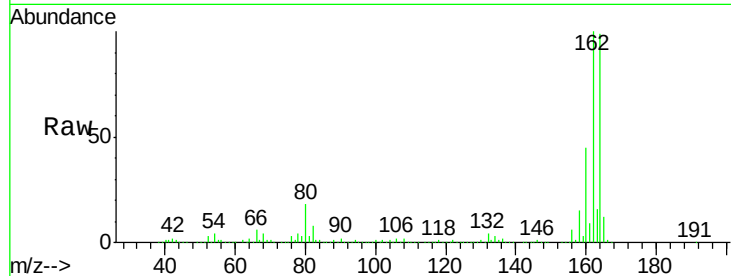




#56
 2,4-Dinitrotoluene
 Concen: 7.32 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.21 min
 Lab File: BF092004.D
 Acq: 28 Dec 2016 19:47

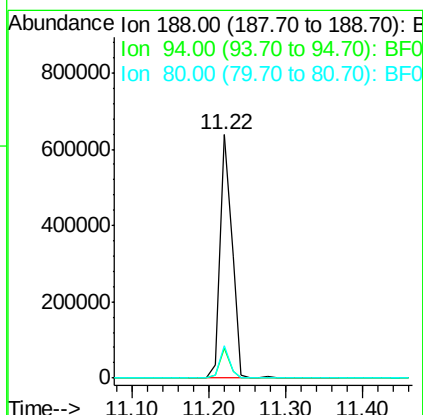
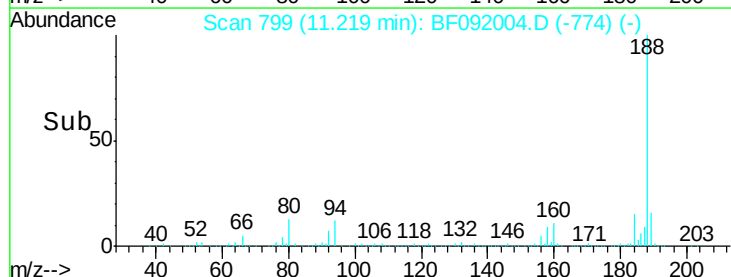
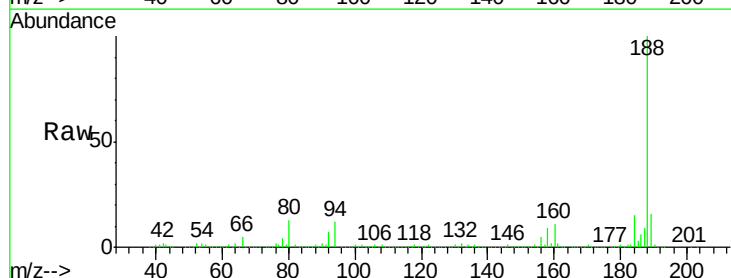
Instrument :
 BNA_F
 ClientSampleId :
 MW-5RE

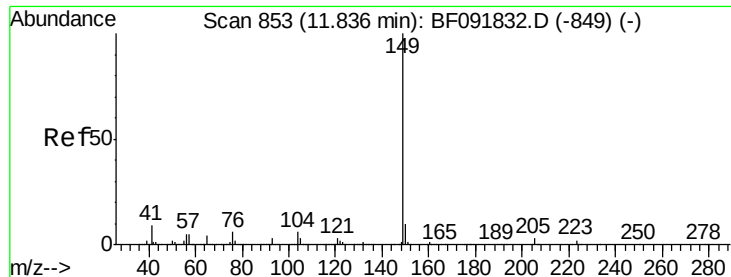
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	40.2	60.4#
89	1.2	62.5	93.7#
182	0.0	1.8	2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.22 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF092004.D
 Acq: 28 Dec 2016 19:47

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.4	10.0	15.0
80	13.4	11.2	16.8





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.80 min Scan# 850

Delta R.T. -0.00 min

Lab File: BF092004.D

Acq: 28 Dec 2016 19:47

Instrument :

BNA_F

ClientSampleId :

MW-5RE

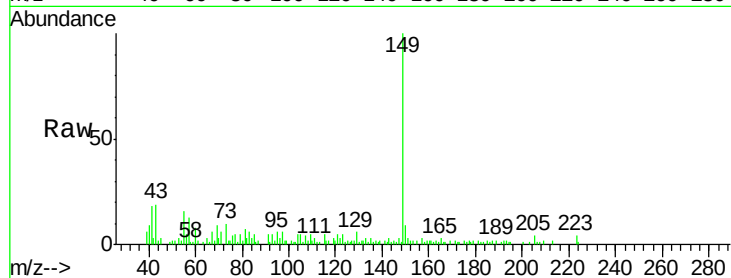
Tgt Ion:149 Resp: 47144

Ion Ratio Lower Upper

149 100

150 9.4 8.1 12.1

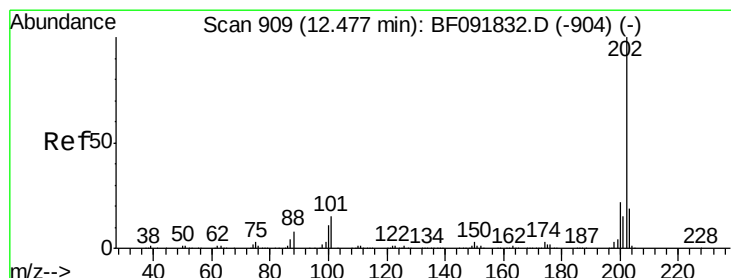
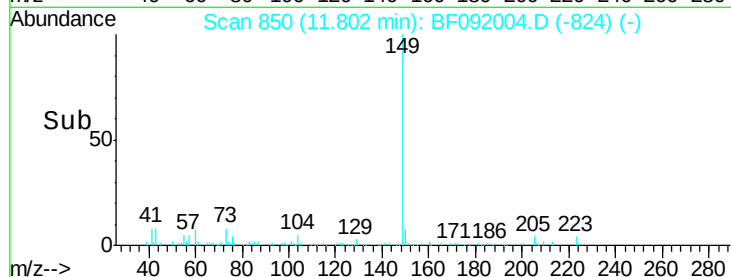
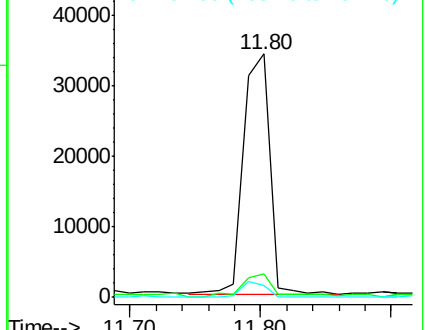
104 4.9 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: Below Cal

RT: 12.43 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF092004.D

Acq: 28 Dec 2016 19:47

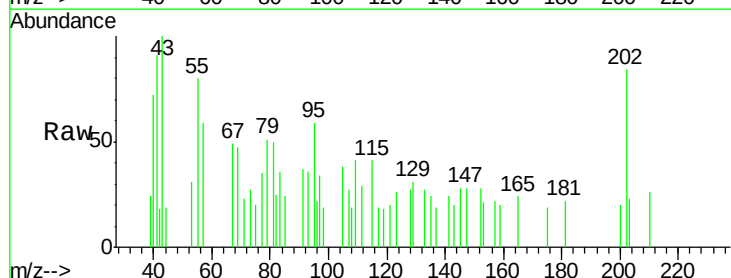
Tgt Ion:202 Resp: 1194

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.6

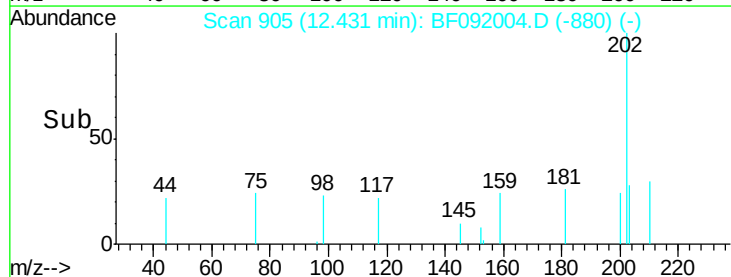
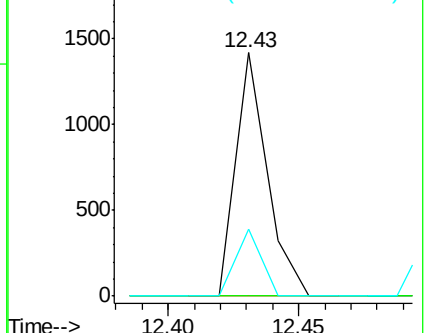
203 27.5 0.0 38.7

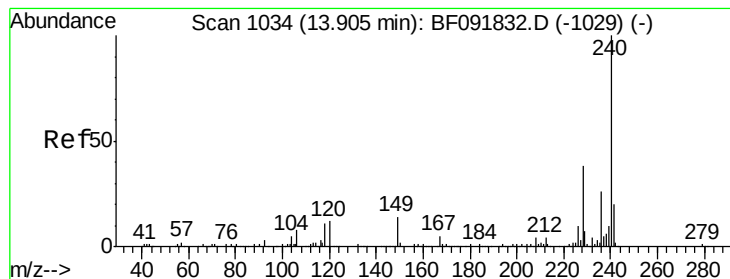


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.86 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF092004.D

Acq: 28 Dec 2016 19:47

Instrument :

BNA_F

ClientSampleId :

MW-5RE

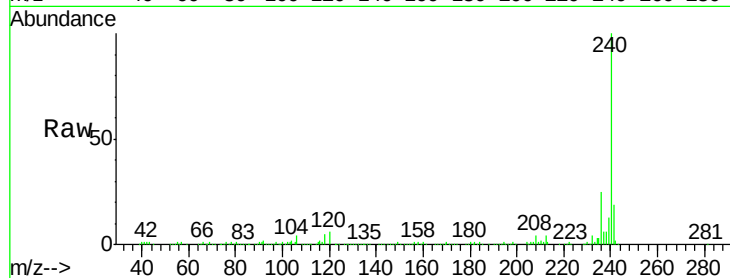
Tgt Ion:240 Resp: 223906

Ion Ratio Lower Upper

240 100

120 5.5 12.9 19.3#

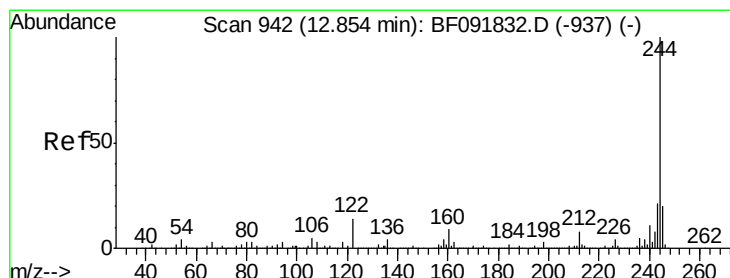
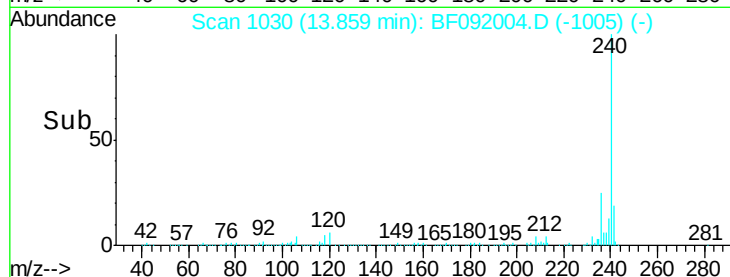
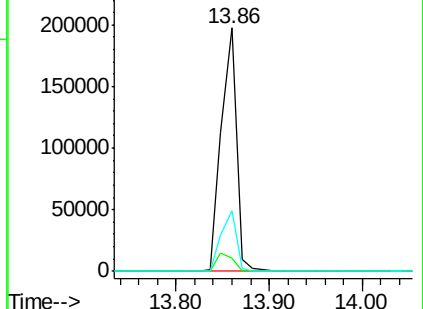
236 25.1 20.9 31.3



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: 107.67 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF092004.D

Acq: 28 Dec 2016 19:47

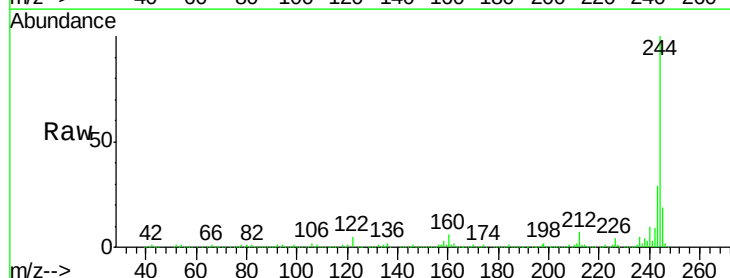
Tgt Ion:244 Resp: 994037

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

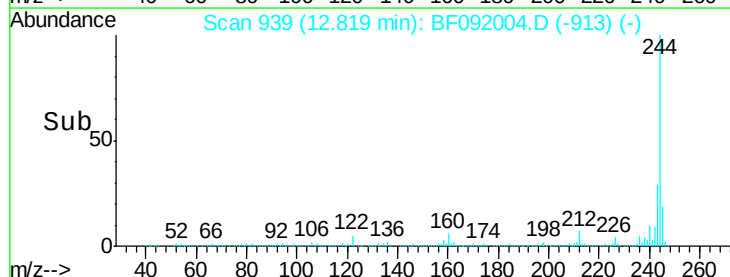
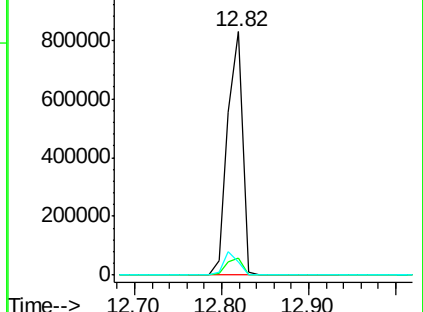
122 5.4 11.4 17.2#

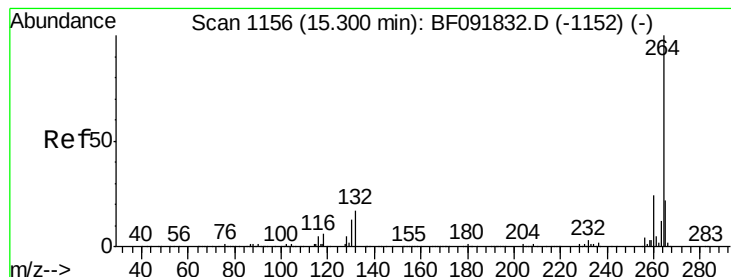


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.24 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF092004.D

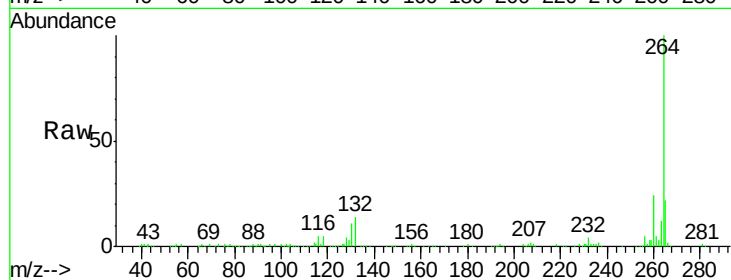
Acq: 28 Dec 2016 19:47

Instrument :

BNA_F

ClientSampleId :

MW-5RE



Tgt Ion:	264	Resp:	150443
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.2	28.8
265	21.8	17.4	26.0

