

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060416\
 Data File : BF087684.D
 Acq On : 5 Jun 2016 2:39
 Operator : UM/SJ
 Sample : H3383-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NORTH-WALL-6BGL

Quant Time: Jun 05 04:41:58 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

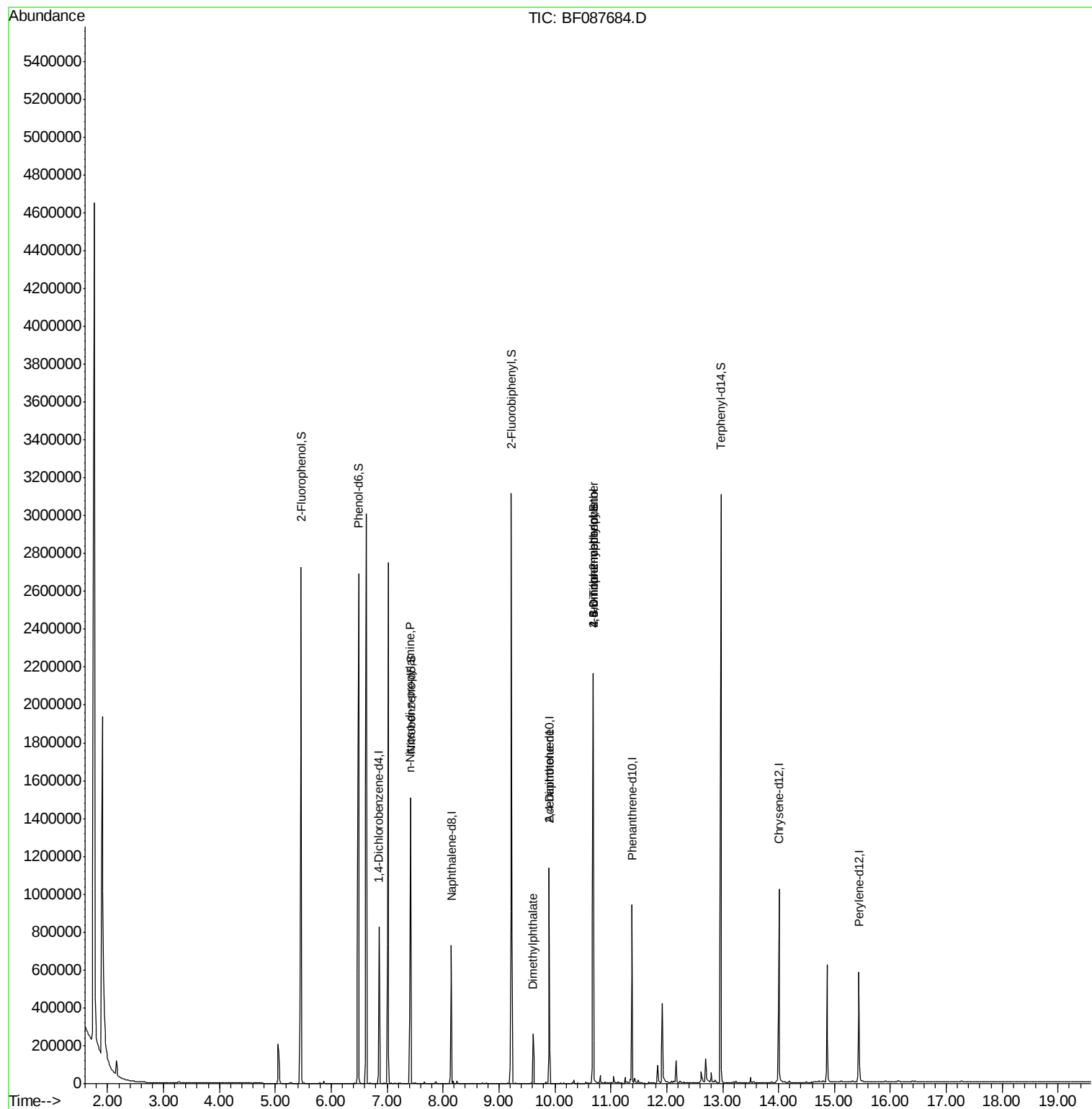
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	111904	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	456177	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	217921	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	425016	20.00	ng	0.00
75) Chrysene-d12	14.01	240	359380	20.00	ng	-0.01
86) Perylene-d12	15.44	264	274615	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	967662	139.77	ng	0.01
7) Phenol-d6	6.49	99	1273256	146.64	ng	0.00
23) Nitrobenzene-d5	7.43	82	772879	98.02	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	282722	129.24	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1147239	78.99	ng	-0.01
78) Terphenyl-d14	12.97	244	1070908	72.71	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	100607	18.55	ng	# 77
49) Dimethylphthalate	9.61	163	132630	8.37	ng	# 99
56) 2,4-Dinitrotoluene	9.90	165	28712	6.26	ng	# 38
64) 4,6-Dinitro-2-methylphenol	10.68	198	494	2.22	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	17472	4.15	ng	# 1

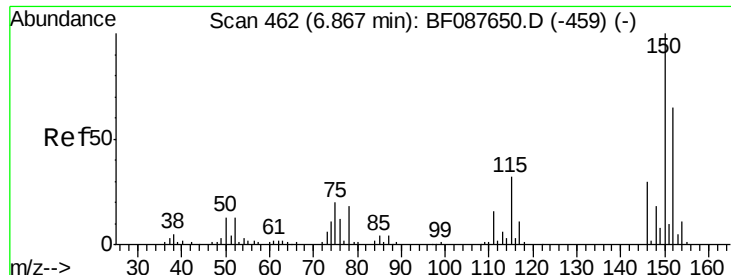
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF087684.D

Acq: 5 Jun 2016 2:39

Instrument :

BNA_F

ClientSampleId :

NORTH-WALL-6BGL

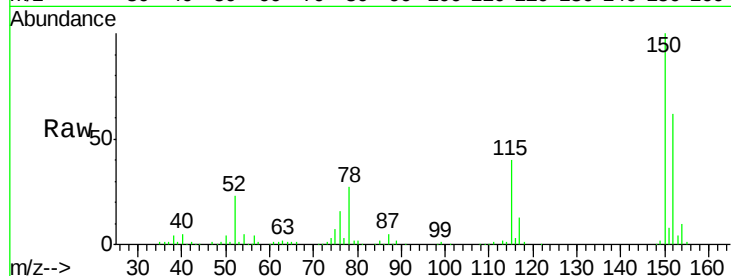
Tgt Ion:152 Resp: 111904

Ion Ratio Lower Upper

152 100

150 160.4 123.8 185.6

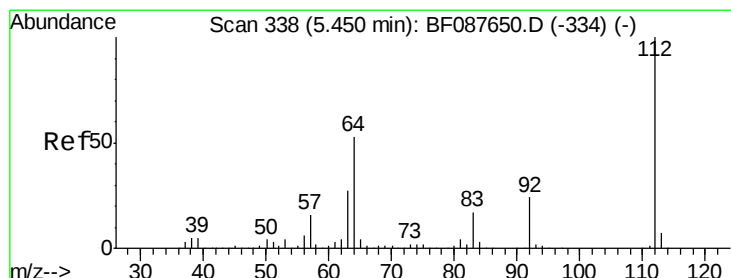
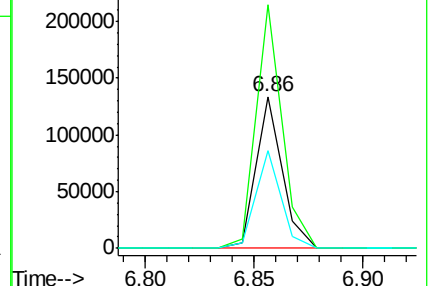
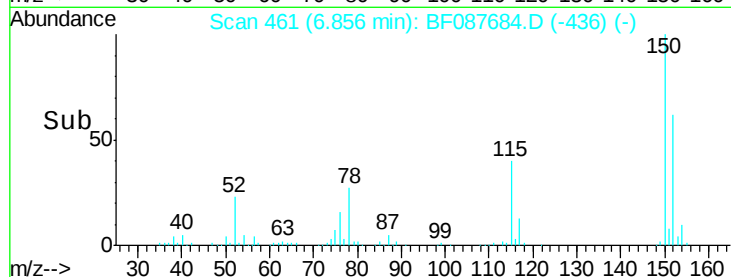
115 64.7 39.6 59.4#



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: 139.77 ng

RT: 5.46 min Scan# 339

Delta R.T. 0.01 min

Lab File: BF087684.D

Acq: 5 Jun 2016 2:39

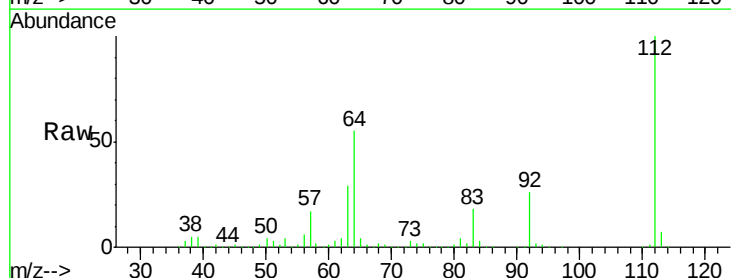
Tgt Ion:112 Resp: 967662

Ion Ratio Lower Upper

112 100

64 54.9 42.2 63.2

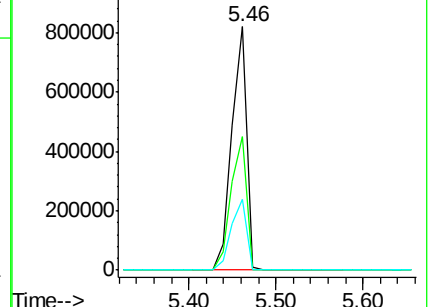
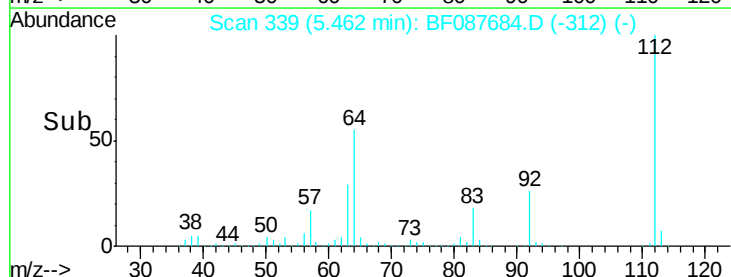
63 28.9 21.8 32.8

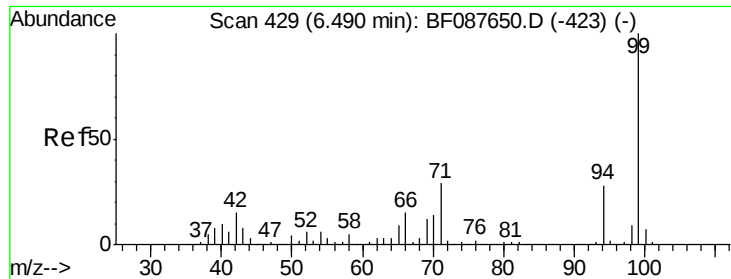


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 146.64 ng

RT: 6.49 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF087684.D

Acq: 5 Jun 2016 2:39

Instrument :

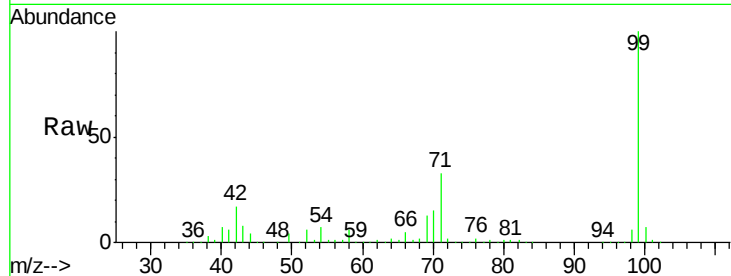
BNA_F

ClientSampleId :

NORTH-WALL-6BGL

Tgt Ion: 99 Resp: 1273256

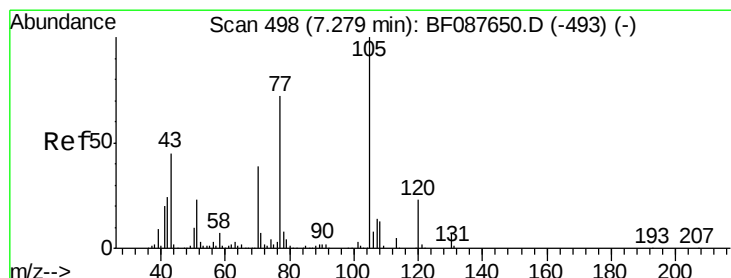
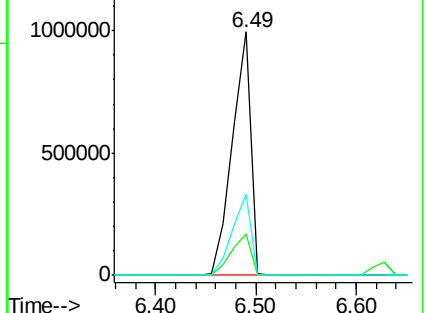
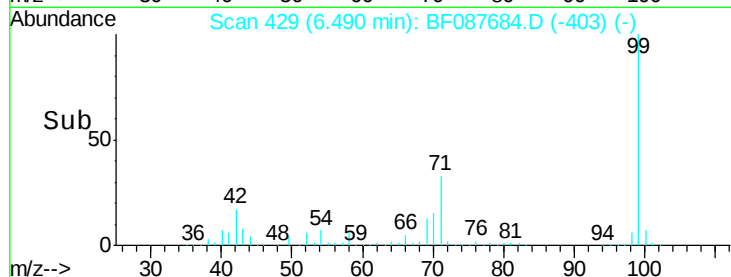
Ion	Ratio	Lower	Upper
99	100		
42	16.9	12.2	18.2
71	33.2	23.4	35.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 18.55 ng

RT: 7.42 min Scan# 510

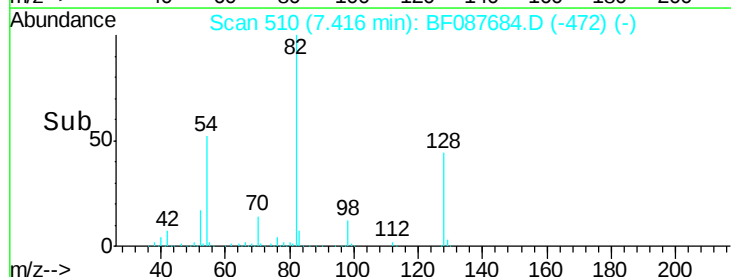
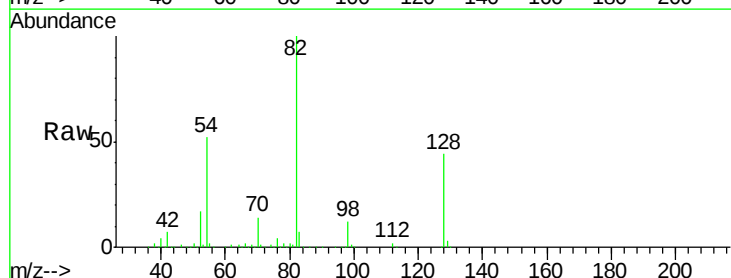
Delta R.T. 0.14 min

Lab File: BF087684.D

Acq: 5 Jun 2016 2:39

Tgt Ion: 70 Resp: 100607

Ion	Ratio	Lower	Upper
70	100		
42	47.8	49.6	74.4#
101	0.0	7.1	10.7#
130	2.4	15.4	23.2#

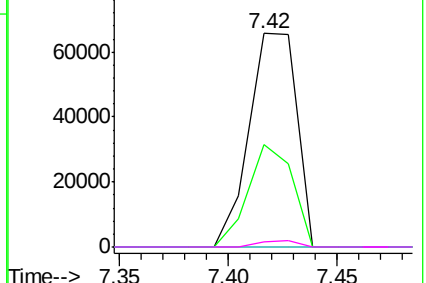


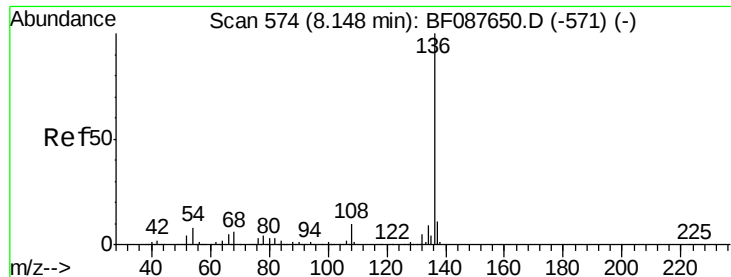
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

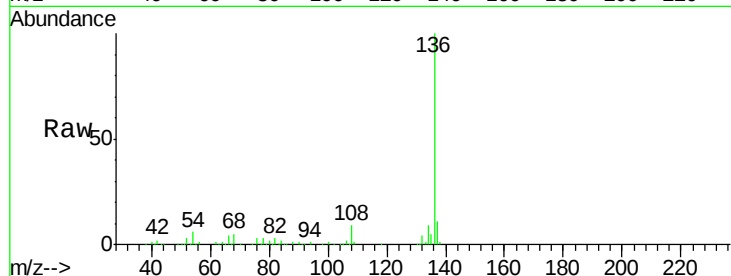




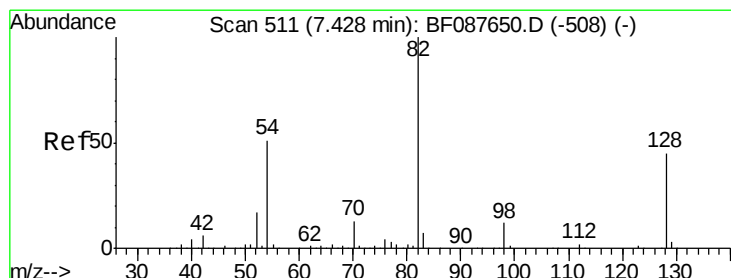
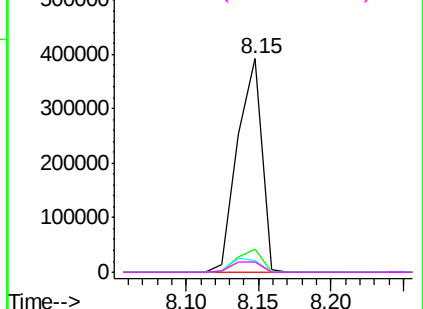
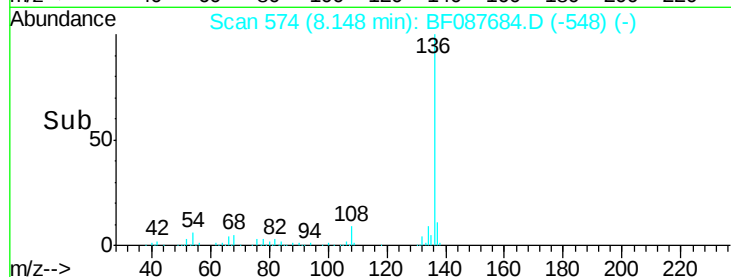
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF087684.D
Acq: 5 Jun 2016 2:39

Instrument :
BNA_F
ClientSampleId :
NORTH-WALL-6BGL

Tgt Ion:	136	Resp:	456177
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	5.6	6.6	10.0#
68	4.8	5.1	7.7#

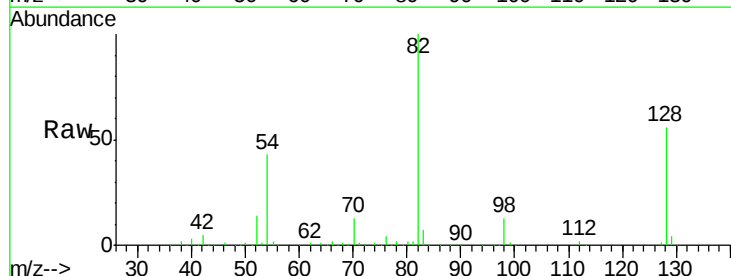


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

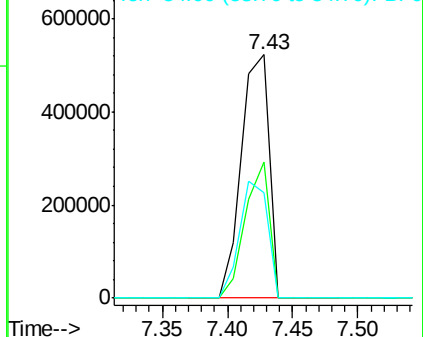
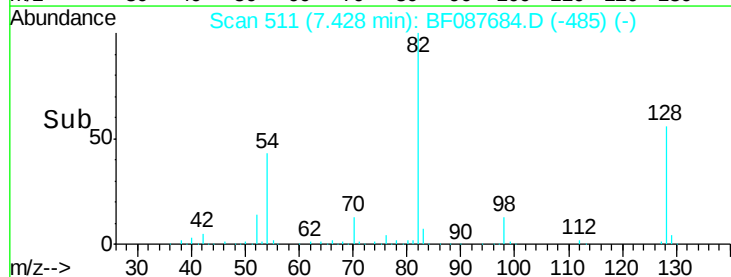


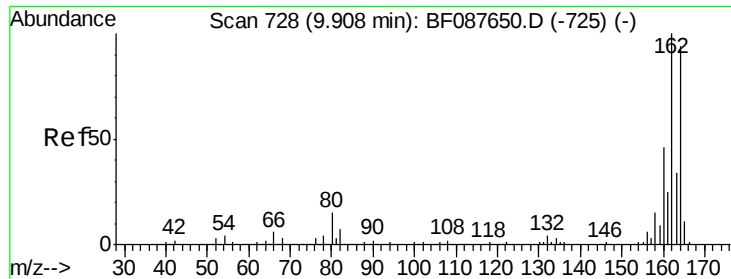
#23
Nitrobenzene-d5
Concen: 98.02 ng
RT: 7.43 min Scan# 511
Delta R.T. 0.00 min
Lab File: BF087684.D
Acq: 5 Jun 2016 2:39

Tgt Ion:	82	Resp:	772879
Ion	Ratio	Lower	Upper
82	100		
128	55.8	35.9	53.9#
54	43.1	40.9	61.3



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

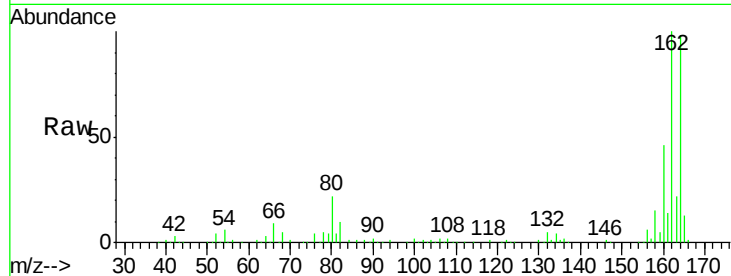




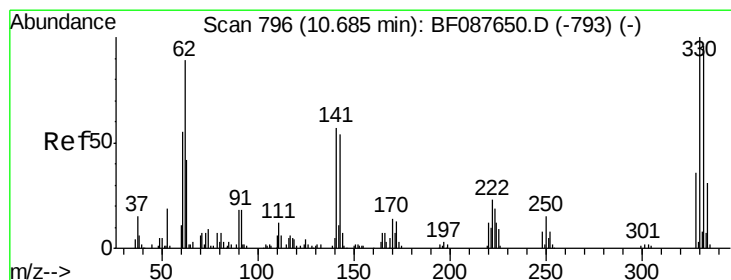
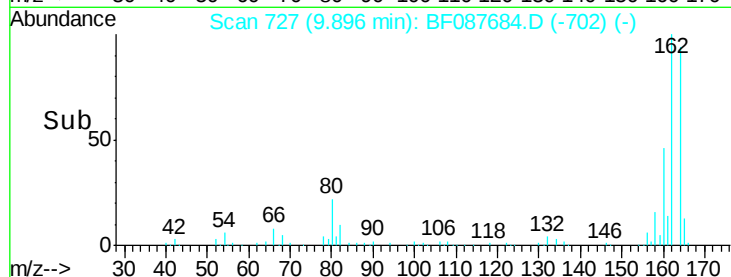
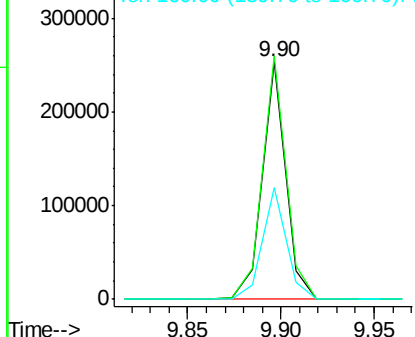
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: BF087684.D
 Acq: 5 Jun 2016 2:39

Instrument :
 BNA_F
 ClientSampleId :
 NORTH-WALL-6BGL

Tgt Ion:164 Resp: 217921
 Ion Ratio Lower Upper
 164 100
 162 102.4 85.4 128.2
 160 46.8 39.5 59.3

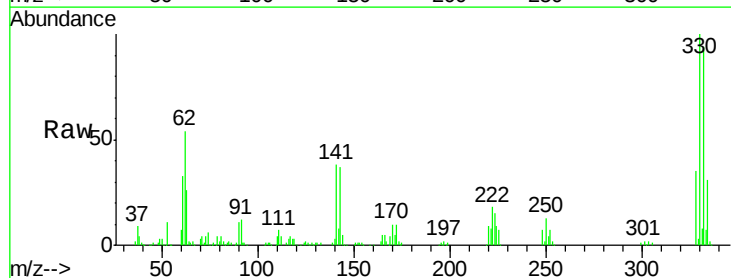


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

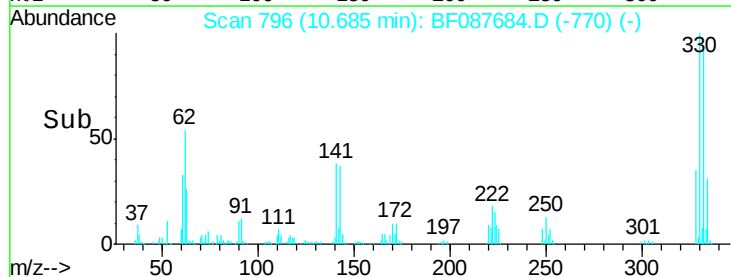
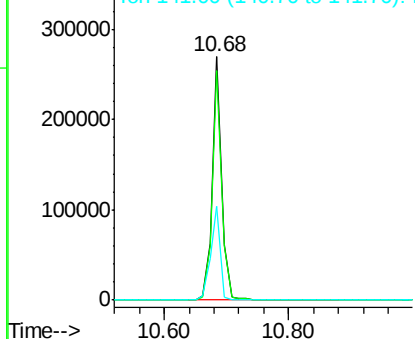


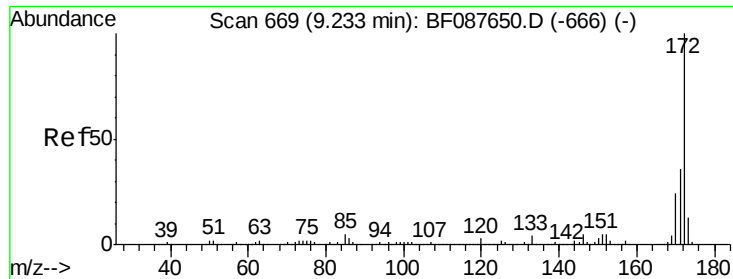
#41
 2,4,6-Tribromophenol
 Concen: 129.24 ng
 RT: 10.68 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF087684.D
 Acq: 5 Jun 2016 2:39

Tgt Ion:330 Resp: 282722
 Ion Ratio Lower Upper
 330 100
 332 94.7 0.0 0.0#
 141 38.7 0.0 0.0#



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

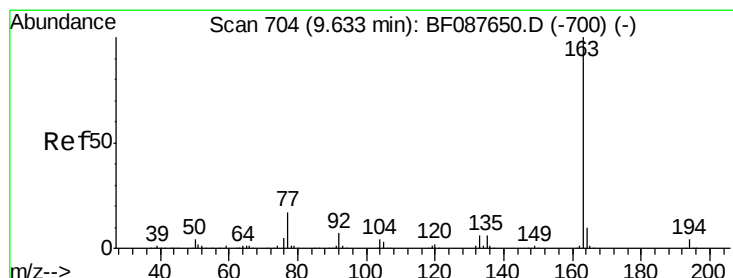
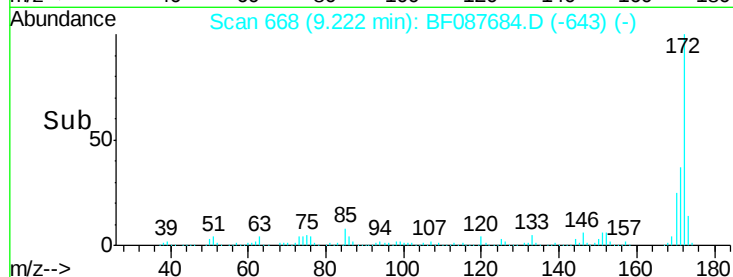
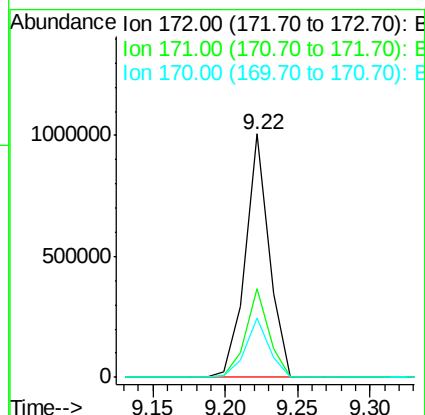
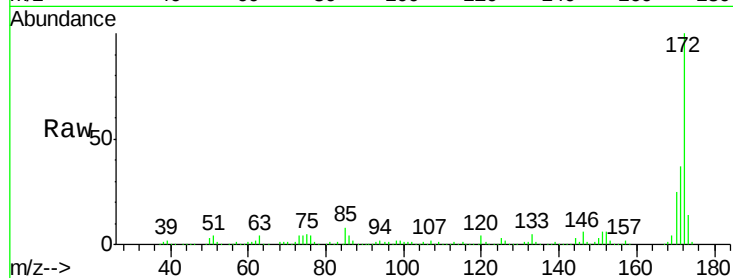




#44
2-Fluorobiphenyl
Concen: 78.99 ng
RT: 9.22 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF087684.D
Acq: 5 Jun 2016 2:39

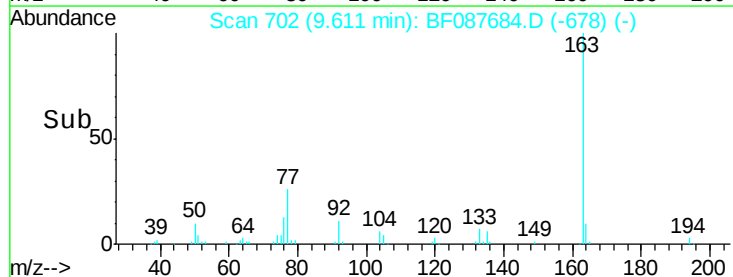
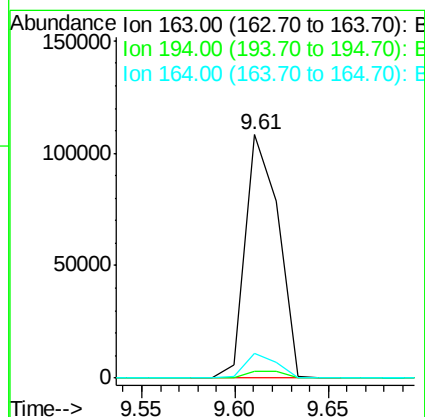
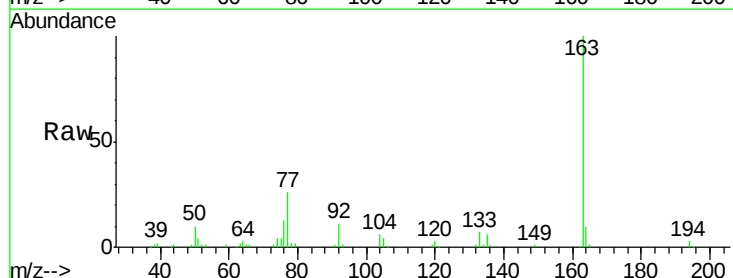
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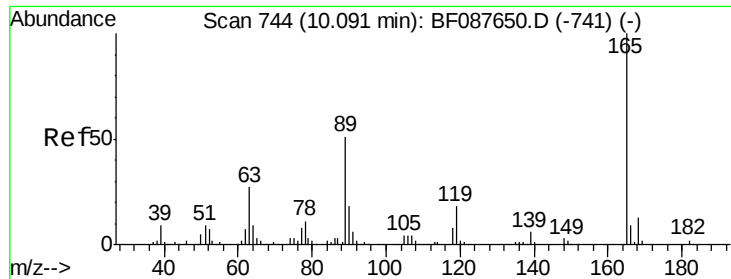
Tgt Ion:172 Resp: 1147239
Ion Ratio Lower Upper
172 100
171 36.5 28.6 43.0
170 24.6 19.2 28.8



#49
Dimethylphthalate
Concen: 8.37 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF087684.D
Acq: 5 Jun 2016 2:39

Tgt Ion:163 Resp: 132630
Ion Ratio Lower Upper
163 100
194 2.7 2.8 4.2#
164 10.4 8.3 12.5

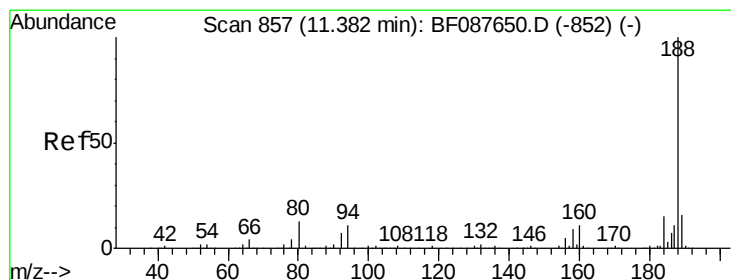
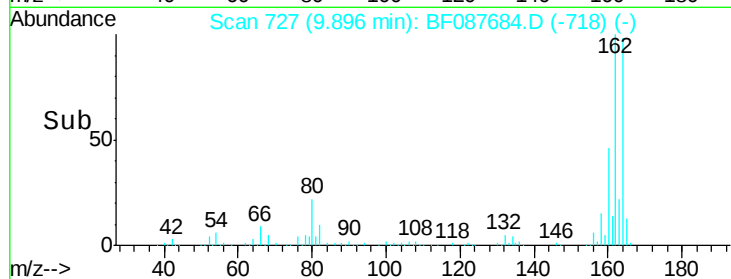
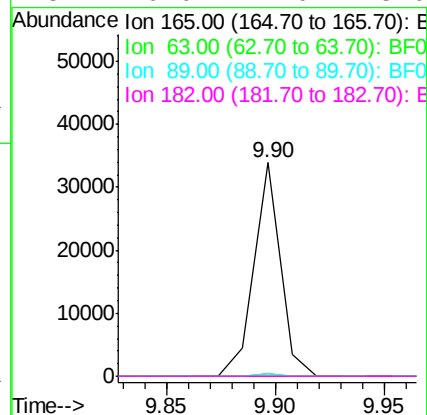
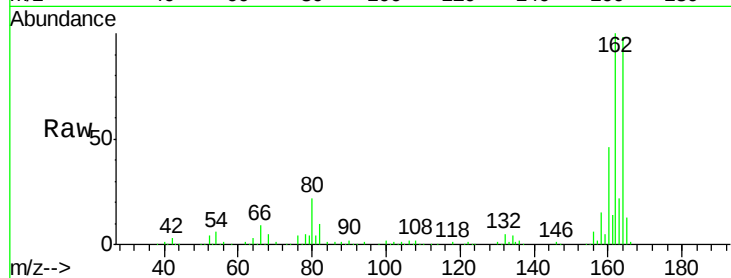




#56
 2,4-Dinitrotoluene
 Concen: 6.26 ng
 RT: 9.90 min Scan# 727
 Delta R.T. -0.19 min
 Lab File: BF087684.D
 Acq: 5 Jun 2016 2:39

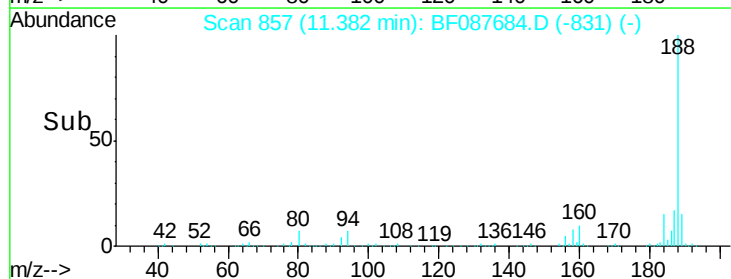
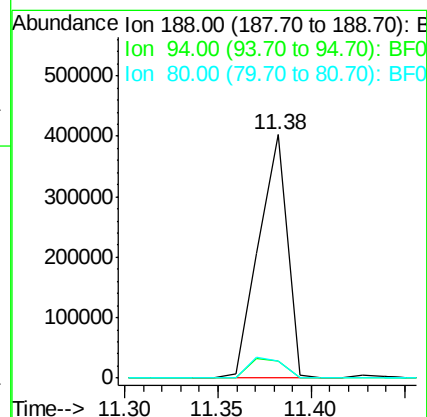
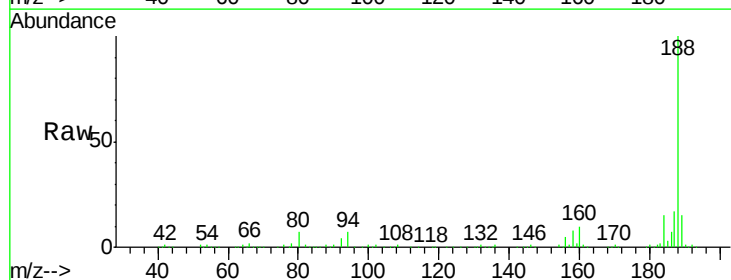
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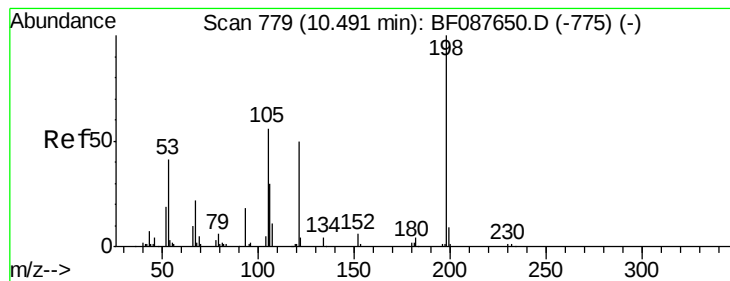
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	22.0	33.0#
89	1.3	41.1	61.7#
182	0.0	2.0	3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF087684.D
 Acq: 5 Jun 2016 2:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.0	9.0	13.6#
80	7.1	10.0	15.0#





#64

4,6-Dinitro-2-methylphenol

Concen: 2.22 ng

RT: 10.68 min Scan# 796

Delta R.T. 0.19 min

Lab File: BF087684.D

Acq: 5 Jun 2016 2:39

Instrument :

BNA_F

ClientSampleId :

NORTH-WALL-6BGL

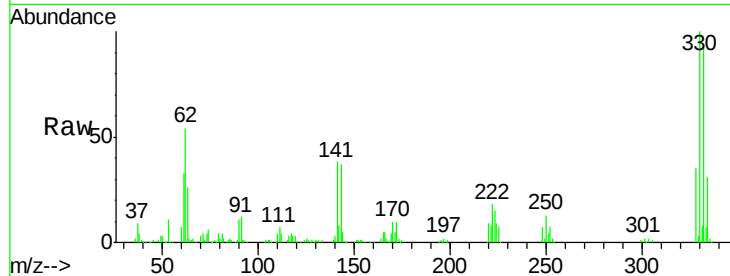
Tgt Ion:198 Resp: 494

Ion Ratio Lower Upper

198 100

51 152.0 39.6 79.6#

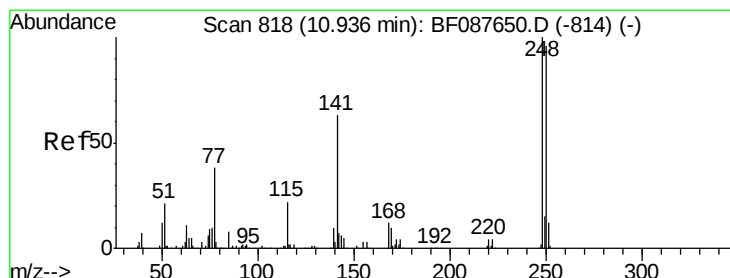
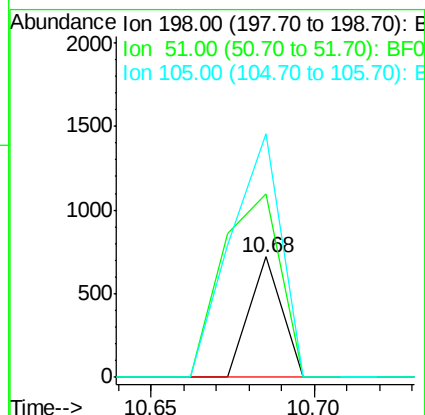
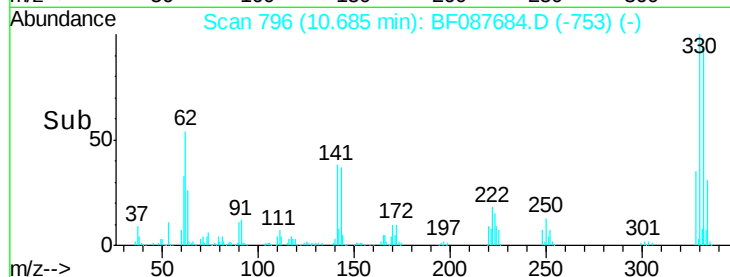
105 201.8 36.6 76.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 4.15 ng

RT: 10.68 min Scan# 796

Delta R.T. -0.25 min

Lab File: BF087684.D

Acq: 5 Jun 2016 2:39

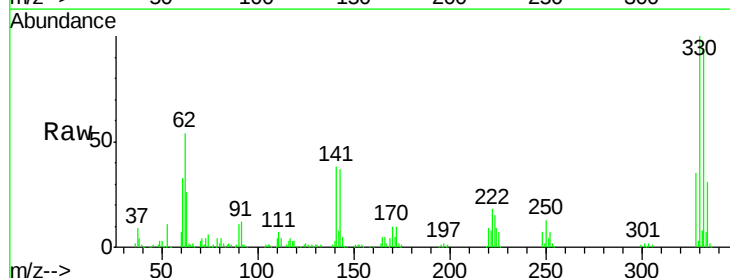
Tgt Ion:248 Resp: 17472

Ion Ratio Lower Upper

248 100

250 193.5 77.1 115.7#

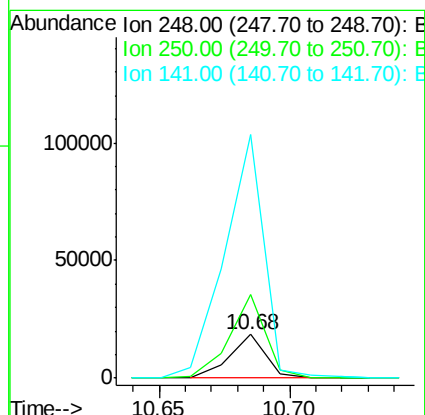
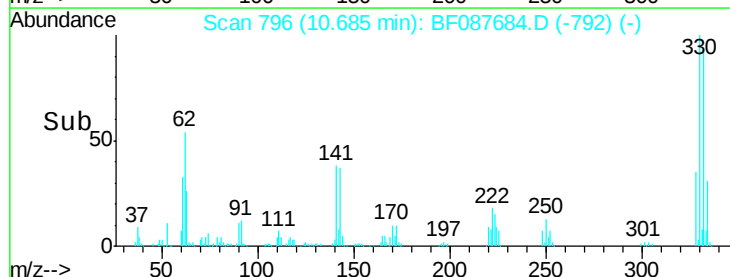
141 560.5 50.6 76.0#

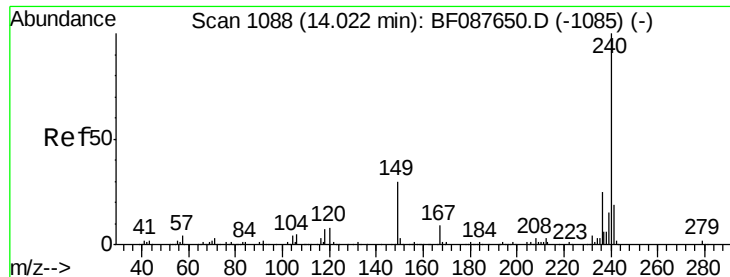


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.01 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BF087684.D

Acq: 5 Jun 2016 2:39

Instrument :

BNA_F

ClientSampleId :

NORTH-WALL-6BGL

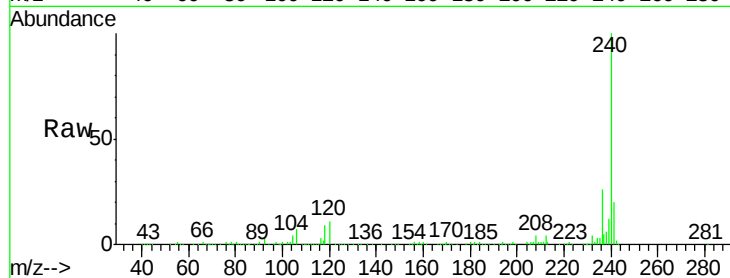
Tgt Ion:240 Resp: 359380

Ion Ratio Lower Upper

240 100

120 10.7 6.8 10.2#

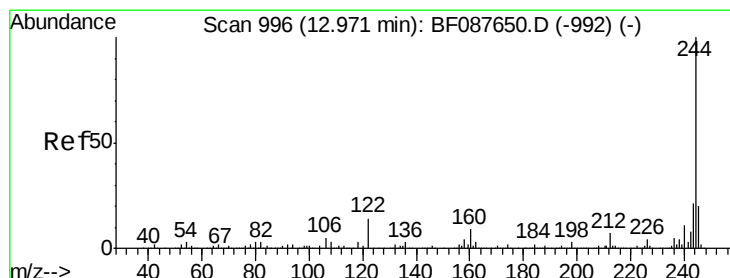
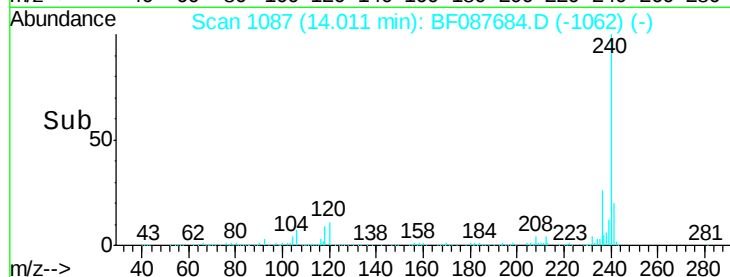
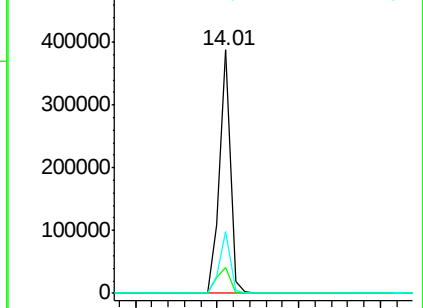
236 25.6 20.2 30.2



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: 72.71 ng

RT: 12.97 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF087684.D

Acq: 5 Jun 2016 2:39

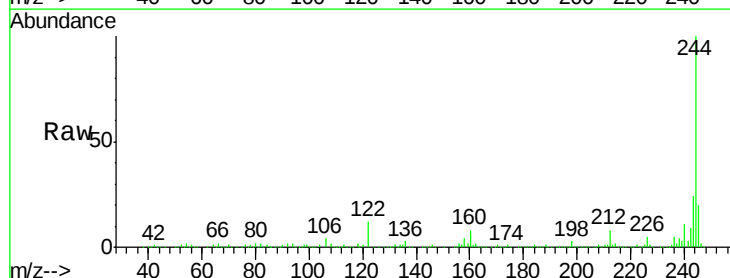
Tgt Ion:244 Resp: 1070908

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

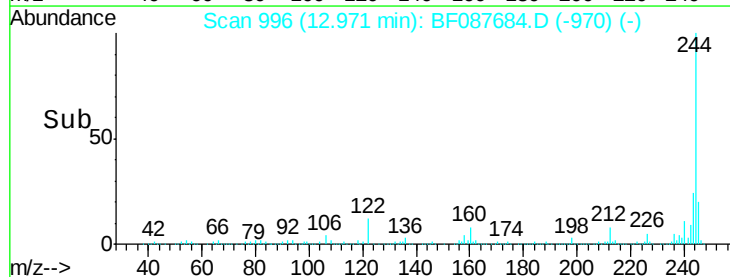
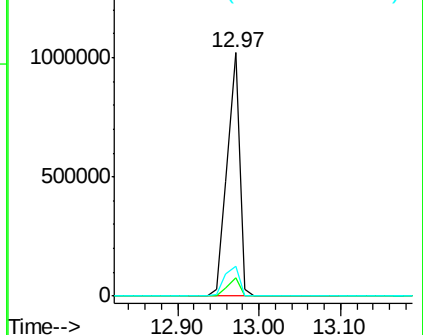
122 12.2 11.2 16.8

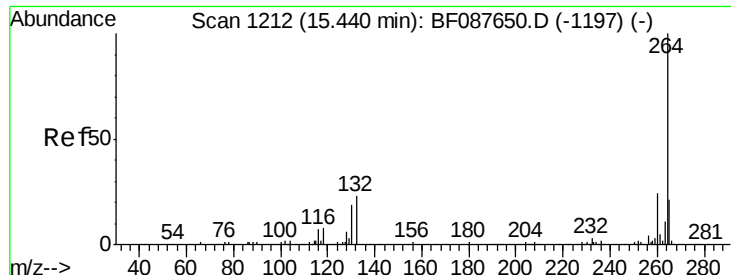


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.44 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF087684.D
Acq: 5 Jun 2016 2:39

Instrument :
BNA_F
ClientSampleId :
NORTH-WALL-6BGL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.2	16.9	25.3

