

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060416\
 Data File : BF087686.D
 Acq On : 5 Jun 2016 3:39
 Operator : UM/SJ
 Sample : H3383-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-12BGL

Quant Time: Jun 05 04:42:23 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

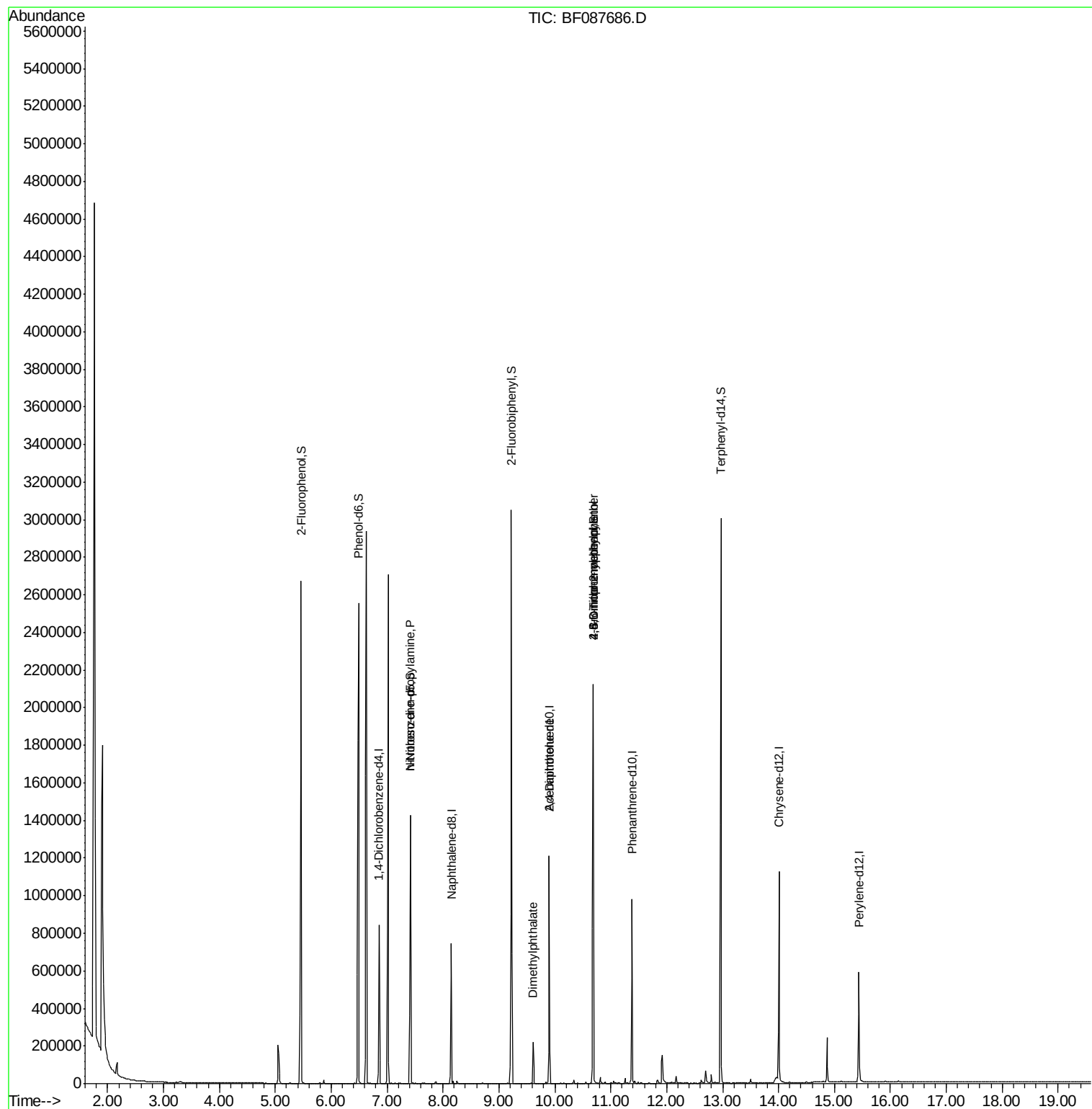
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	117625	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	481107	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	227029	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	434877	20.00	ng	0.00
75) Chrysene-d12	14.01	240	359402	20.00	ng	-0.01
86) Perylene-d12	15.44	264	272281	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	969022	133.16	ng	0.01
7) Phenol-d6	6.49	99	1281306	140.39	ng	0.00
23) Nitrobenzene-d5	7.42	82	725470	87.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	271025	118.93	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1113578	71.63	ng	-0.01
78) Terphenyl-d14	12.97	244	1002686	68.08	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	93749	16.45	ng	# 78
49) Dimethylphthalate	9.61	163	100277	6.08	ng	99
56) 2,4-Dinitrotoluene	9.90	165	29488	6.17	ng	# 37
64) 4,6-Dinitro-2-methylphenol	10.68	198	455	2.20	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	16740	3.88	ng	# 1

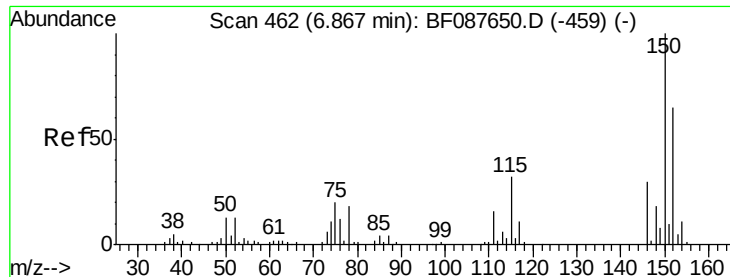
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF087686.D

Acq: 5 Jun 2016 3:39

Instrument :

BNA_F

ClientSampleId :

BOTTOM-12BGL

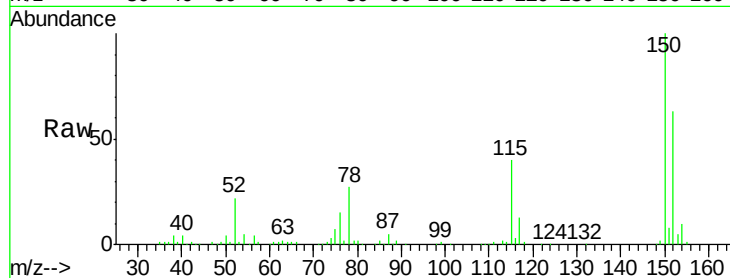
Tgt Ion:152 Resp: 117625

Ion Ratio Lower Upper

152 100

150 157.7 123.8 185.6

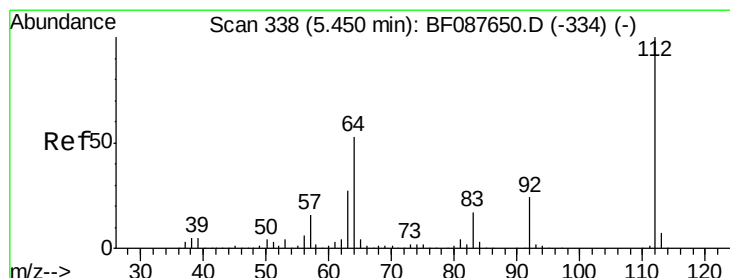
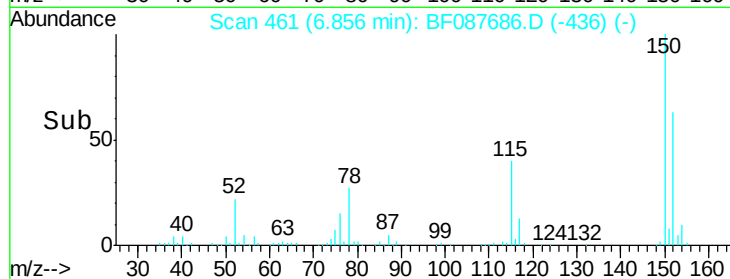
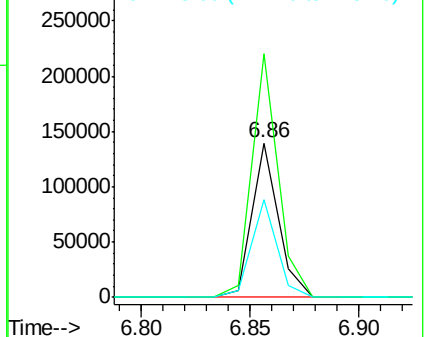
115 63.3 39.6 59.4#



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: 133.16 ng

RT: 5.46 min Scan# 339

Delta R.T. 0.01 min

Lab File: BF087686.D

Acq: 5 Jun 2016 3:39

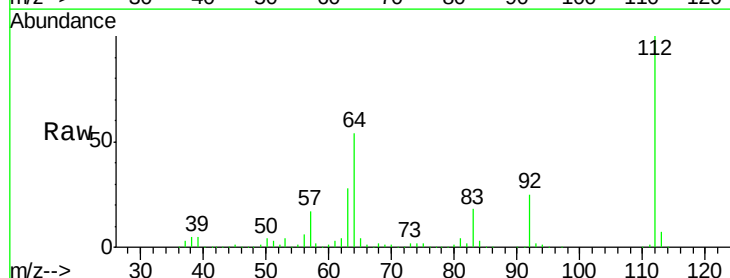
Tgt Ion:112 Resp: 969022

Ion Ratio Lower Upper

112 100

64 53.7 42.2 63.2

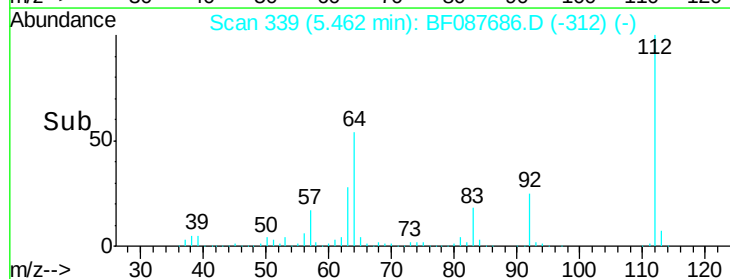
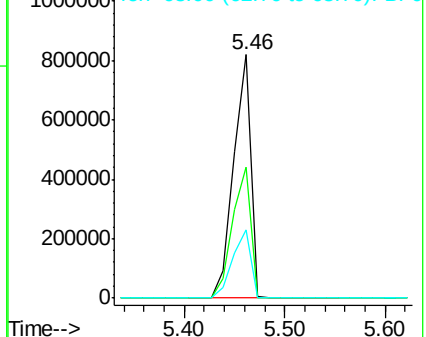
63 28.1 21.8 32.8

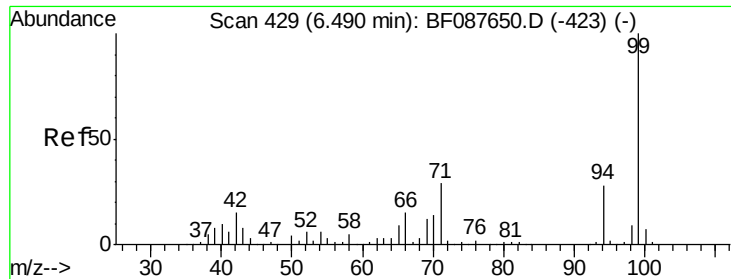


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 140.39 ng

RT: 6.49 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF087686.D

Acq: 5 Jun 2016 3:39

Instrument :

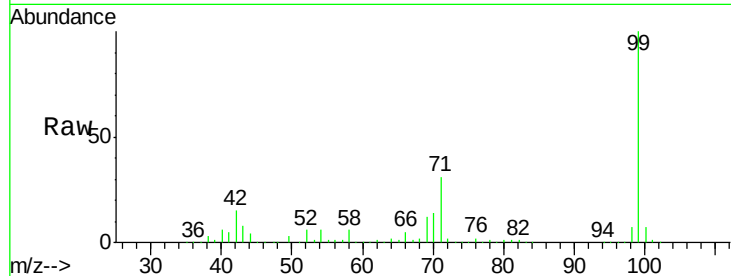
BNA_F

ClientSampleId :

BOTTOM-12BGL

Tgt Ion: 99 Resp: 1281306

Ion	Ratio	Lower	Upper
99	100		
42	15.4	12.2	18.2
71	31.5	23.4	35.0

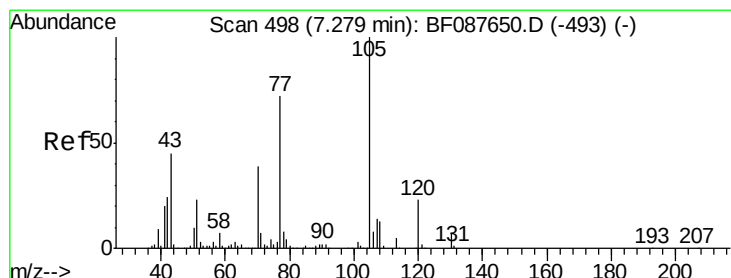
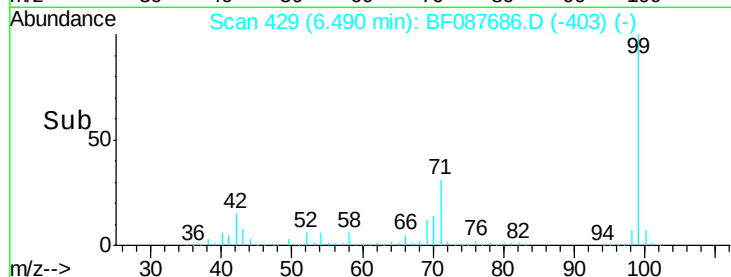
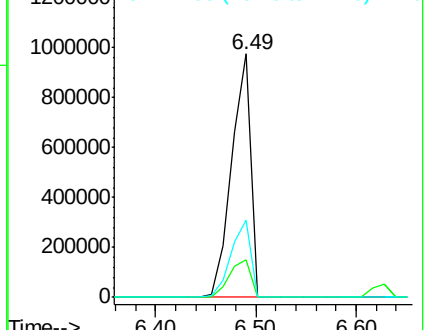


Abundance

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: 16.45 ng

RT: 7.42 min Scan# 510

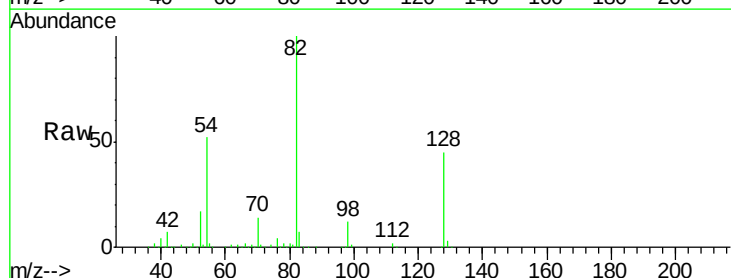
Delta R.T. 0.14 min

Lab File: BF087686.D

Acq: 5 Jun 2016 3:39

Tgt Ion: 70 Resp: 93749

Ion	Ratio	Lower	Upper
70	100		
42	48.9	49.6	74.4#
101	0.0	7.1	10.7#
130	2.1	15.4	23.2#



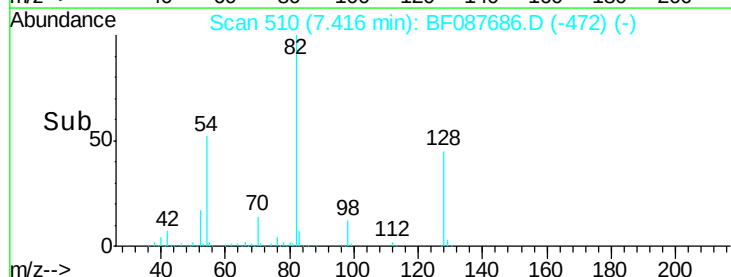
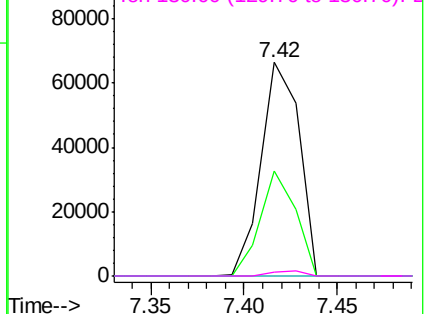
Abundance

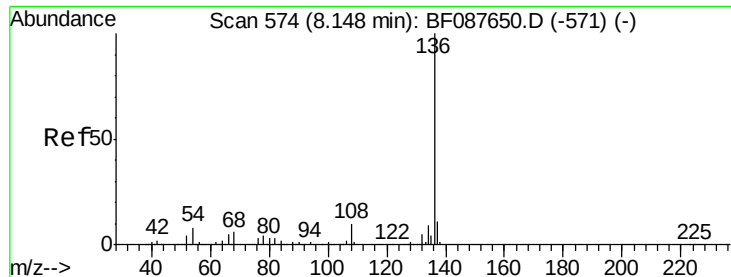
Ion 70.00 (69.70 to 70.70): BF0

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

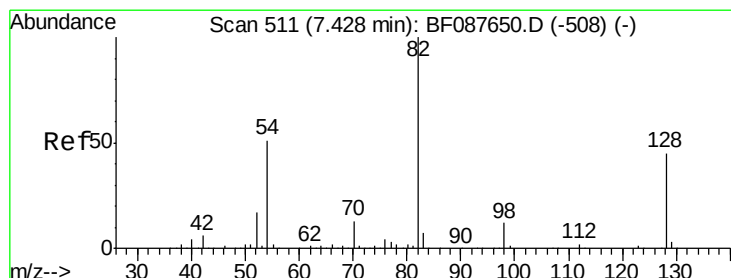
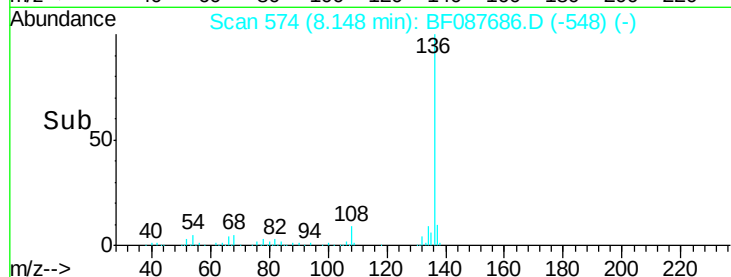
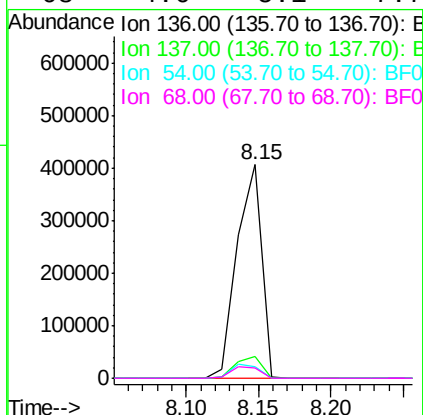
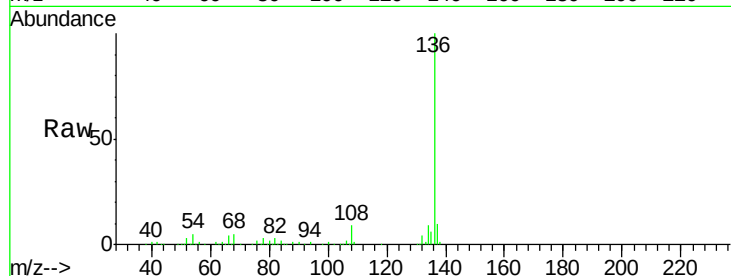




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF087686.D
Acq: 5 Jun 2016 3:39

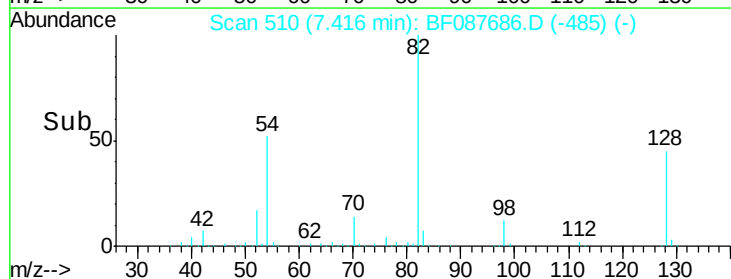
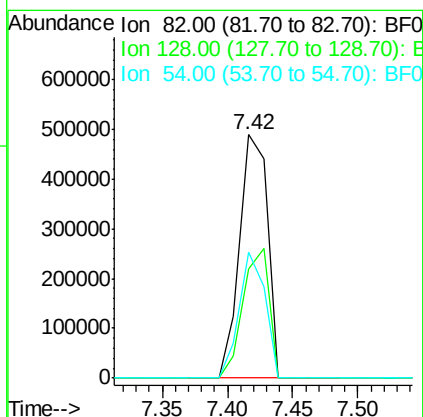
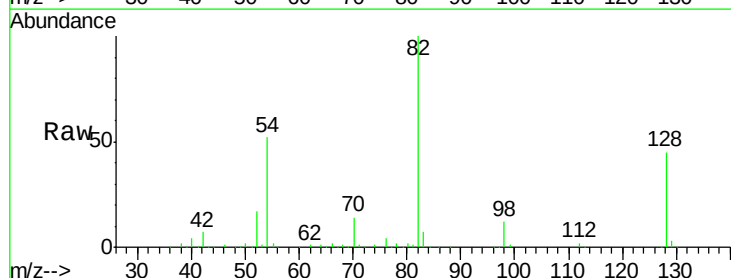
Instrument :
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BOTTOM-12BGL

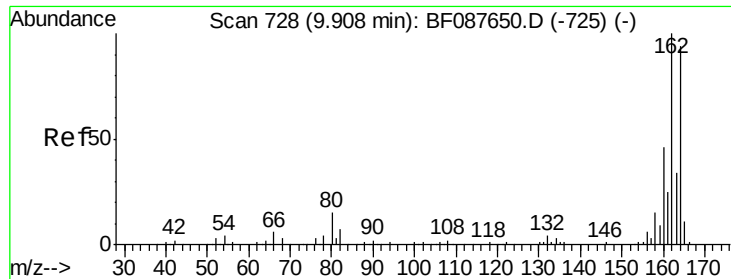
Tgt Ion:	136	Resp:	481107
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	5.4	6.6	10.0#
68	4.6	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 87.24 ng
RT: 7.42 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF087686.D
Acq: 5 Jun 2016 3:39

Tgt Ion:	82	Resp:	725470
Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.9	53.9
54	51.9	40.9	61.3

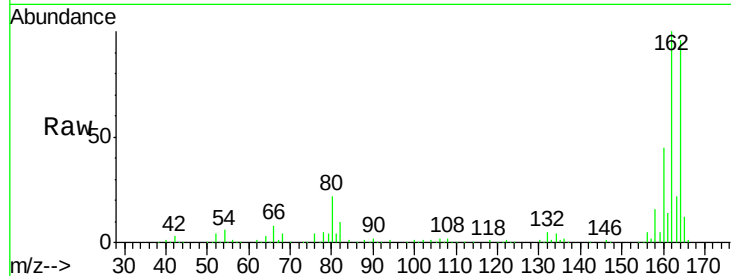




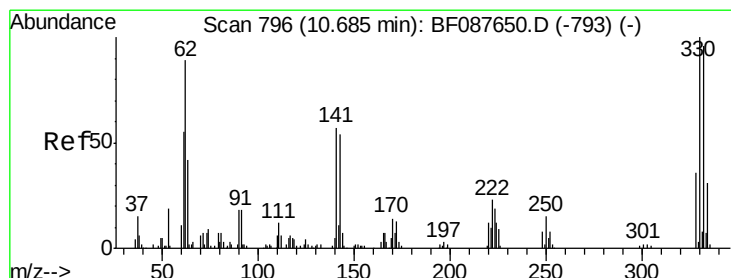
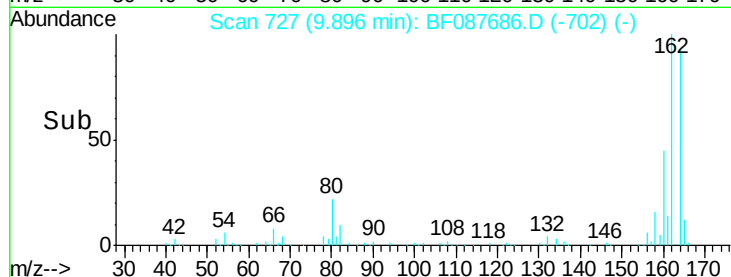
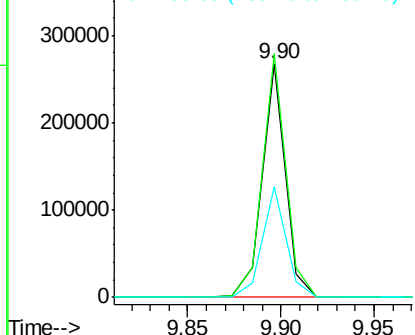
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: BF087686.D
 Acq: 5 Jun 2016 3:39

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-12BGL

Tgt Ion:164 Resp: 227029
 Ion Ratio Lower Upper
 164 100
 162 104.2 85.4 128.2
 160 47.3 39.5 59.3

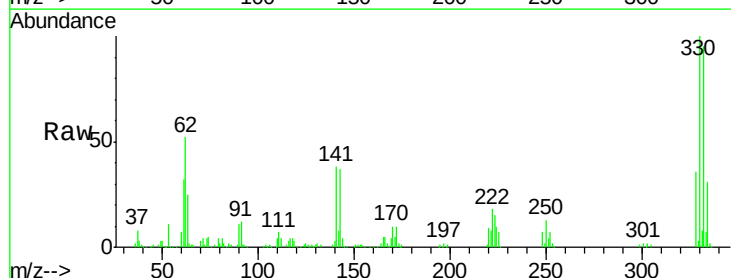


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

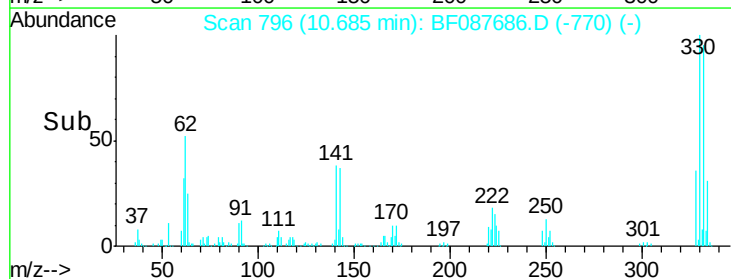
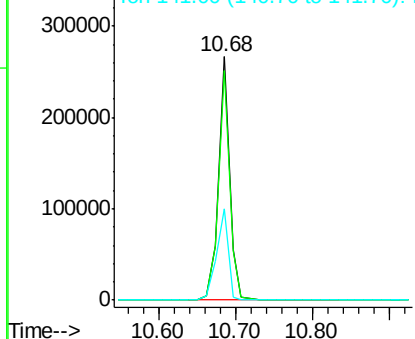


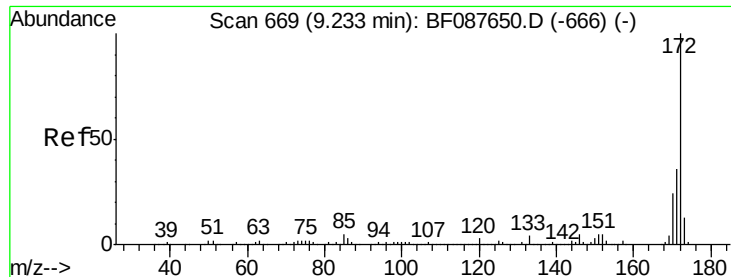
#41
 2,4,6-Tribromophenol
 Concen: 118.93 ng
 RT: 10.68 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF087686.D
 Acq: 5 Jun 2016 3:39

Tgt Ion:330 Resp: 271025
 Ion Ratio Lower Upper
 330 100
 332 95.8 0.0 0.0#
 141 38.4 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

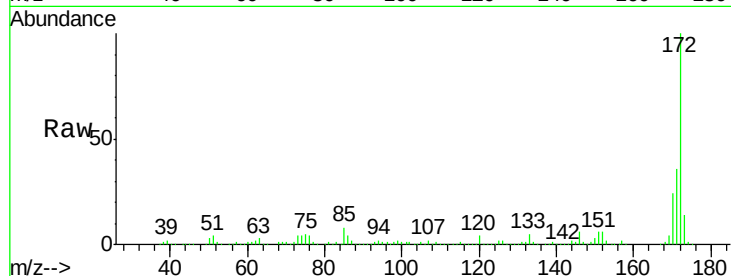




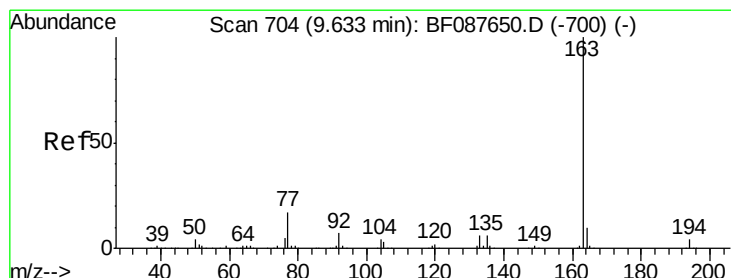
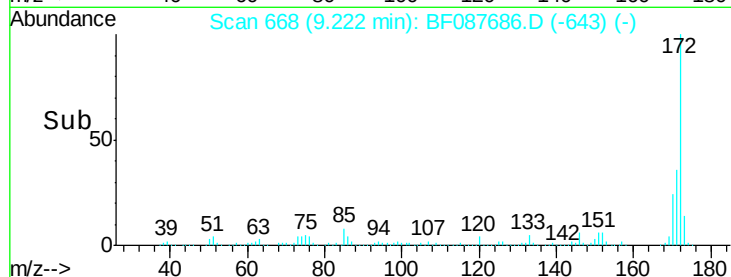
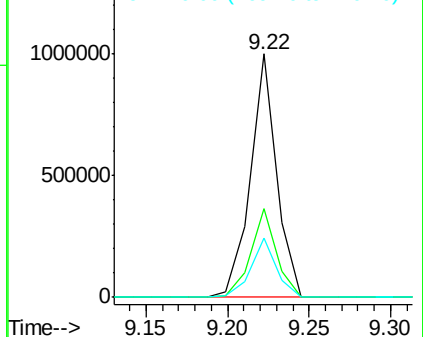
#44
2-Fluorobiphenyl
Concen: 71.63 ng
RT: 9.22 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF087686.D
Acq: 5 Jun 2016 3:39

Instrument :
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ClientSampleId :
BOTTOM-12BGL

Tgt Ion:172 Resp: 1113578
Ion Ratio Lower Upper
172 100
171 36.3 28.6 43.0
170 24.5 19.2 28.8

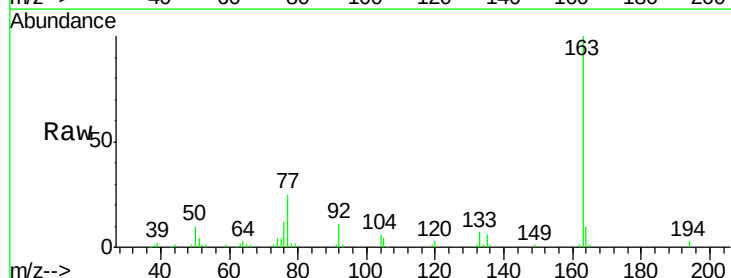


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

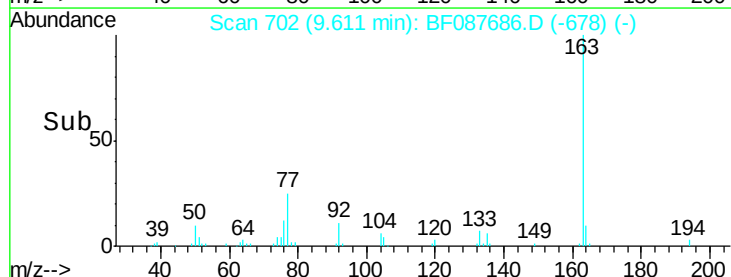
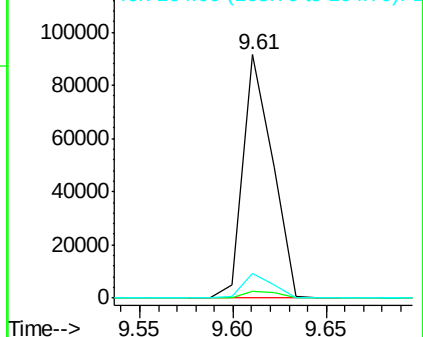


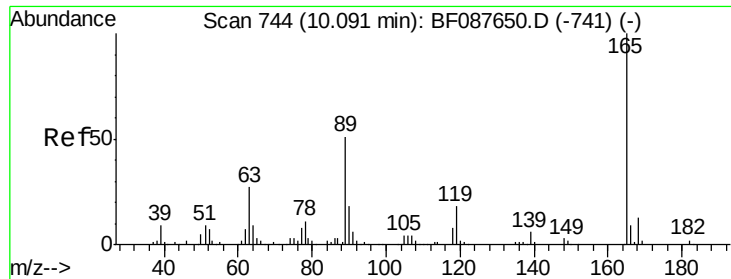
#49
Dimethylphthalate
Concen: 6.08 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF087686.D
Acq: 5 Jun 2016 3:39

Tgt Ion:163 Resp: 100277
Ion Ratio Lower Upper
163 100
194 2.9 2.8 4.2
164 10.3 8.3 12.5



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

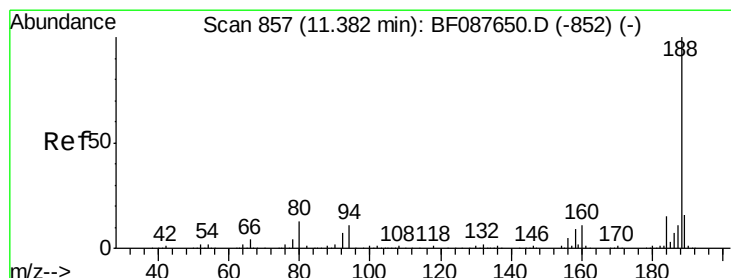
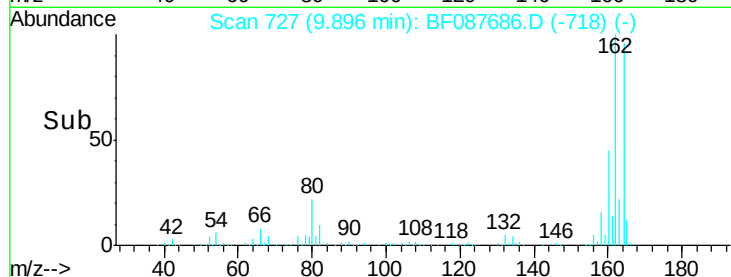
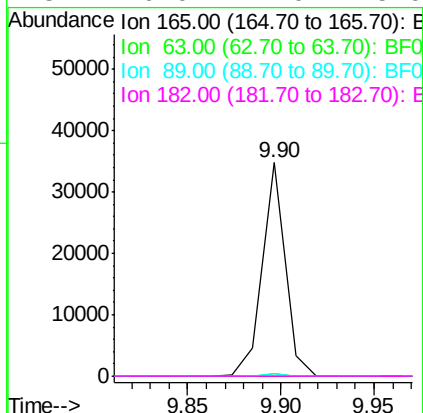
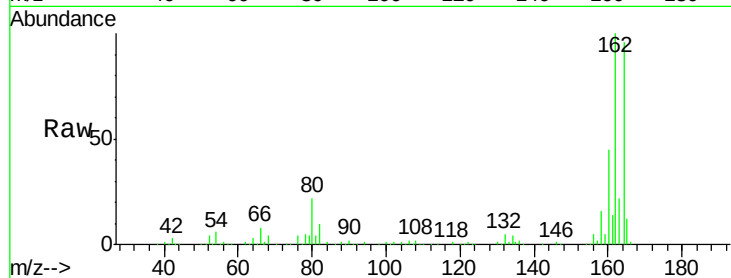




#56
 2,4-Dinitrotoluene
 Concen: 6.17 ng
 RT: 9.90 min Scan# 727
 Delta R.T. -0.19 min
 Lab File: BF087686.D
 Acq: 5 Jun 2016 3:39

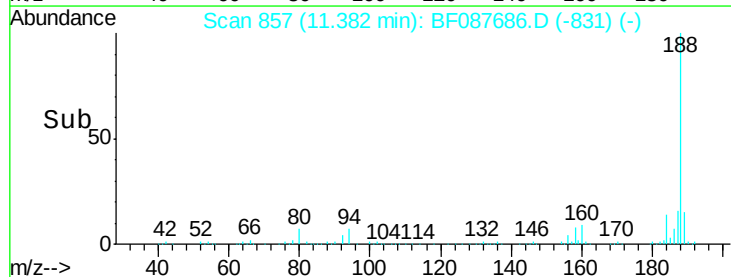
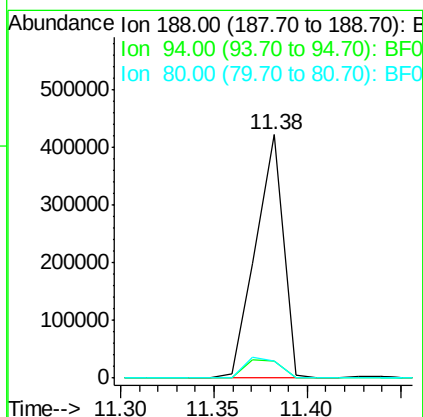
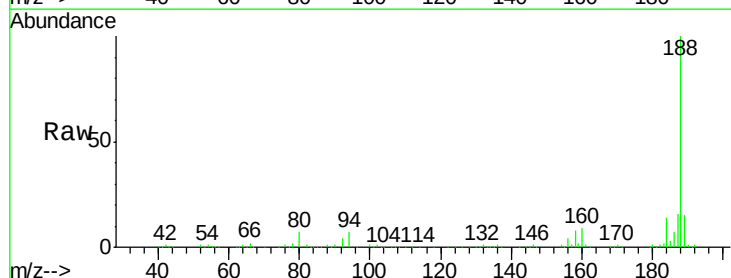
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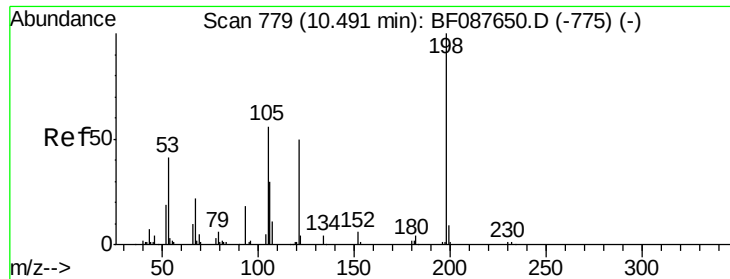
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	22.0	33.0#
89	1.2	41.1	61.7#
182	0.0	2.0	3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF087686.D
 Acq: 5 Jun 2016 3:39

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

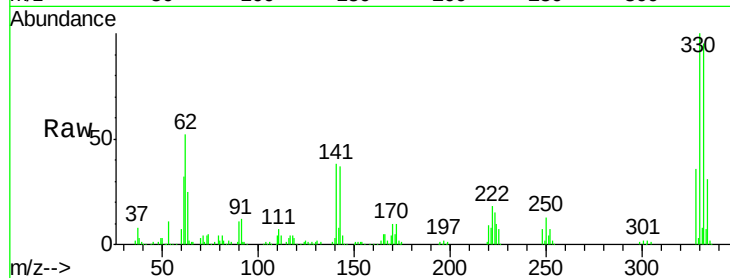




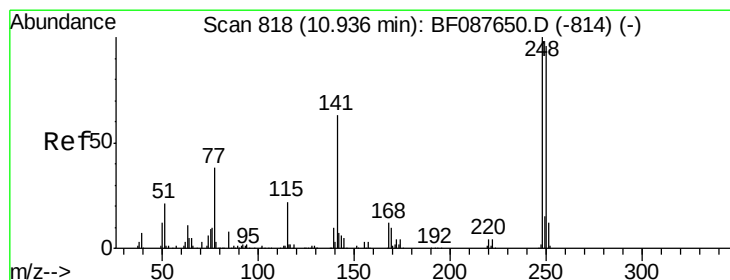
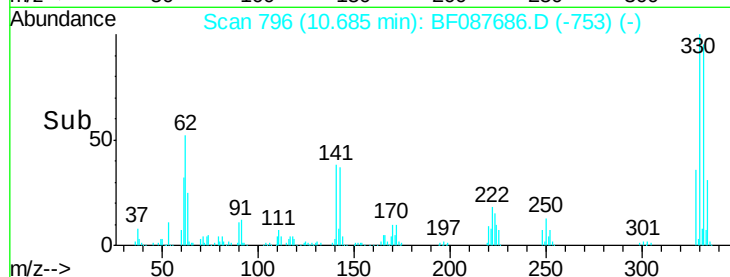
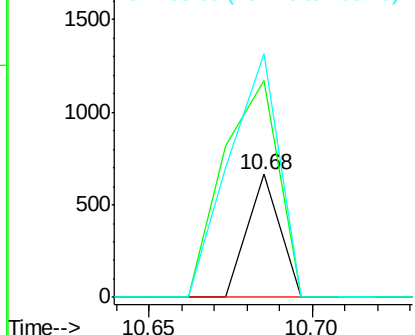
#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.20 ng
 RT: 10.68 min Scan# 796
 Delta R.T. 0.19 min
 Lab File: BF087686.D
 Acq: 5 Jun 2016 3:39

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-12BGL

Tgt Ion:198 Resp: 455
 Ion Ratio Lower Upper
 198 100
 51 176.1 39.6 79.6#
 105 198.0 36.6 76.6#

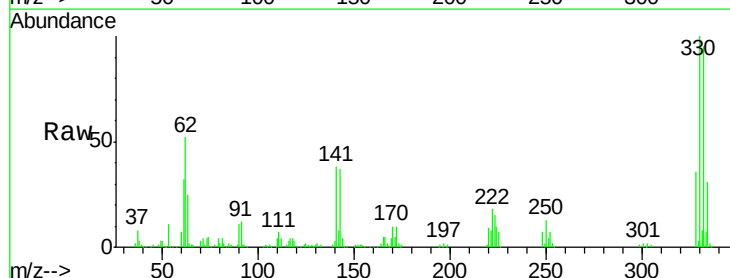


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

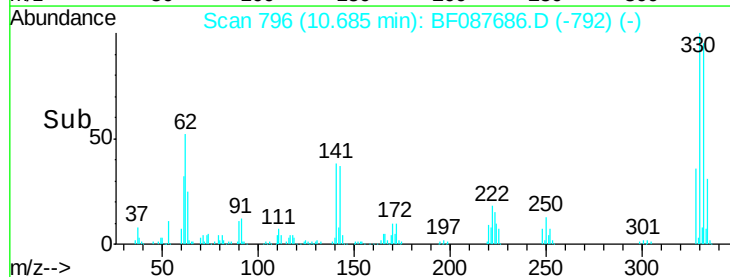
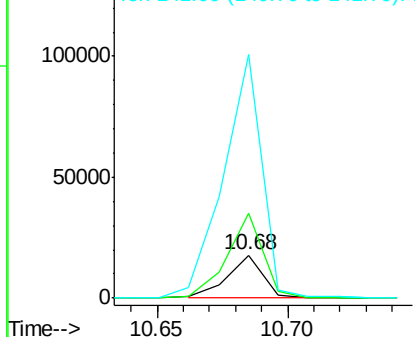


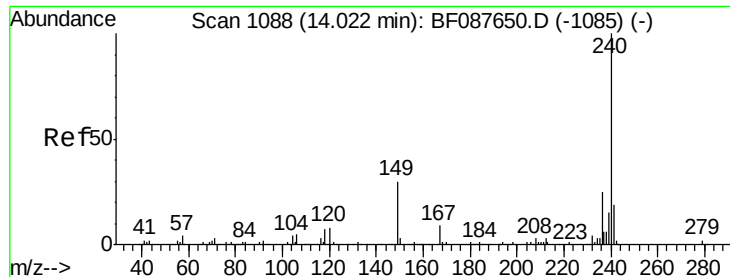
#66
 4-Bromophenyl-phenylether
 Concen: 3.88 ng
 RT: 10.68 min Scan# 796
 Delta R.T. -0.25 min
 Lab File: BF087686.D
 Acq: 5 Jun 2016 3:39

Tgt Ion:248 Resp: 16740
 Ion Ratio Lower Upper
 248 100
 250 198.8 77.1 115.7#
 141 569.7 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: BF087686.D

Acq: 5 Jun 2016 3:39

Instrument :

BNA_F

ClientSampleId :

BOTTOM-12BGL

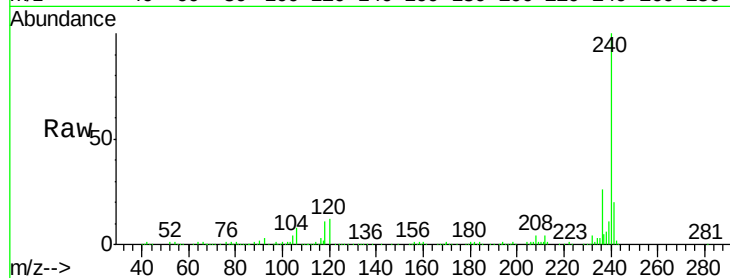
Tgt Ion:240 Resp: 359402

Ion Ratio Lower Upper

240 100

120 12.4 6.8 10.2#

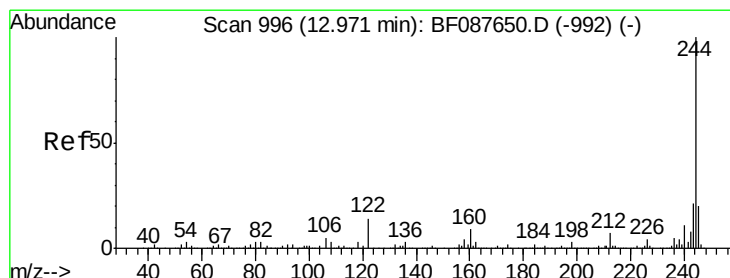
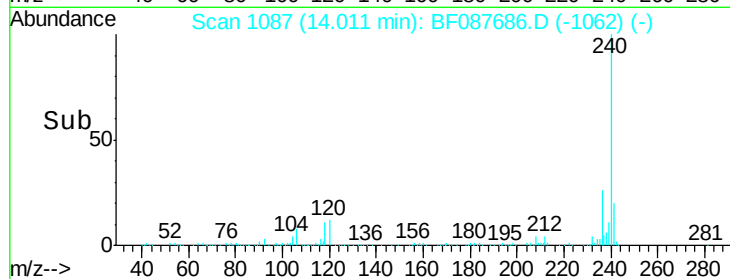
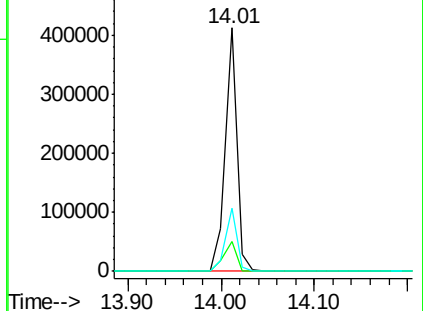
236 25.7 20.2 30.2



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: 68.08 ng

RT: 12.97 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF087686.D

Acq: 5 Jun 2016 3:39

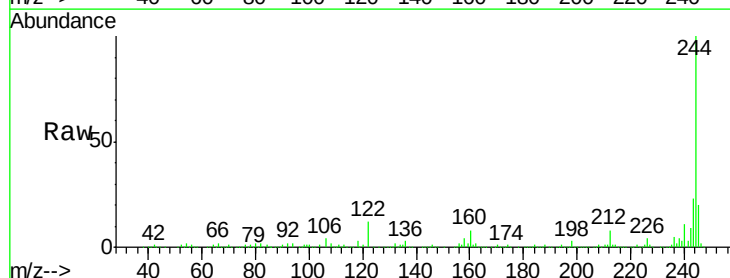
Tgt Ion:244 Resp: 1002686

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

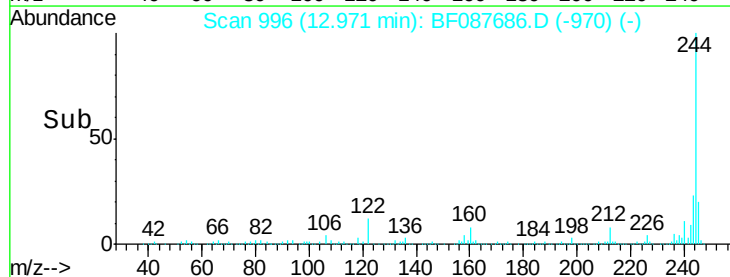
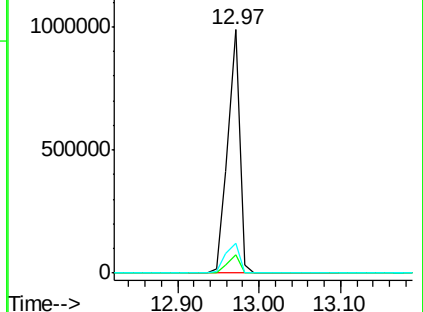
122 12.5 11.2 16.8

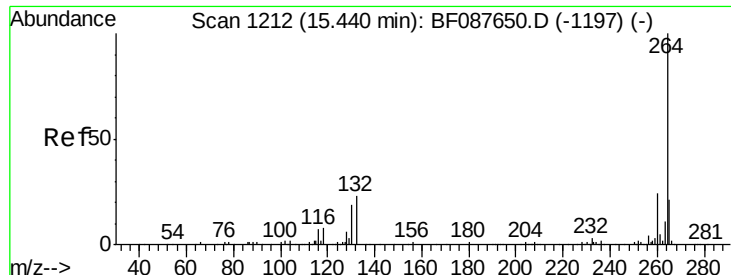


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF087686.D
Acq: 5 Jun 2016 3:39

Instrument :
BNA_F
ClientSampleId :
BOTTOM-12BGL

Tgt Ion: 264 Resp: 272281
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 21.7 16.9 25.3

