

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060516\
 Data File : BF087731.D
 Acq On : 6 Jun 2016 2:52
 Operator : UM/SJ
 Sample : H3378-08
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-8

Quant Time: Jun 06 03:25:39 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

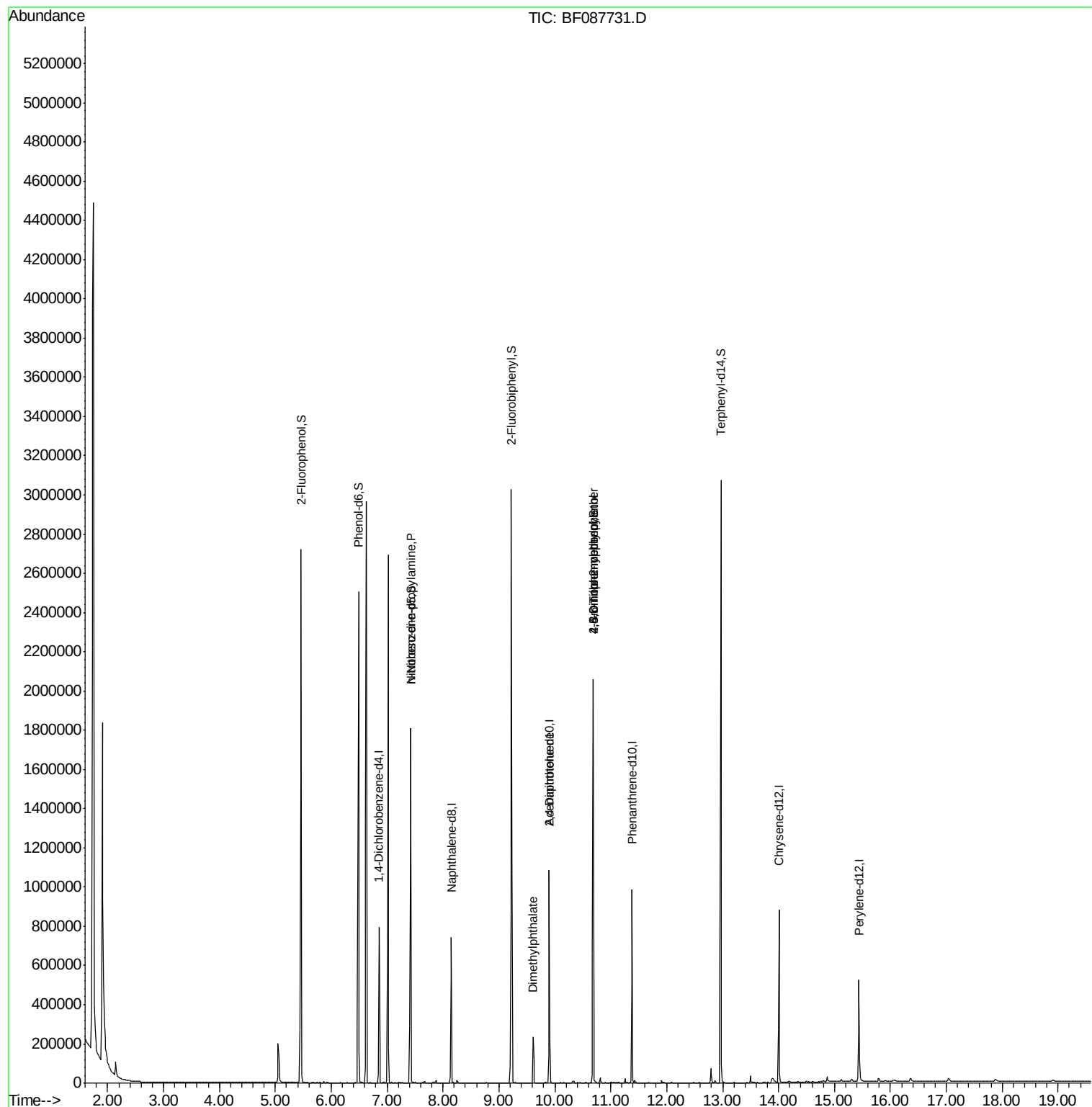
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	115632	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	465612	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	214705	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	412349	20.00	ng	0.00
75) Chrysene-d12	14.01	240	306769	20.00	ng	-0.01
86) Perylene-d12	15.44	264	233307	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	912238	127.51	ng	0.01
7) Phenol-d6	6.49	99	1068637	119.11	ng	0.00
23) Nitrobenzene-d5	7.43	82	791130	98.31	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	262109	121.62	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1203186	86.52	ng	-0.01
78) Terphenyl-d14	12.97	244	1013383	80.61	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	104602	18.67	ng	# 71
49) Dimethylphthalate	9.61	163	117521	7.53	ng	99
56) 2,4-Dinitrotoluene	9.90	165	26863	5.94	ng	# 38
64) 4,6-Dinitro-2-methylphenol	10.69	198	416	2.19	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	15891	3.89	ng	# 1

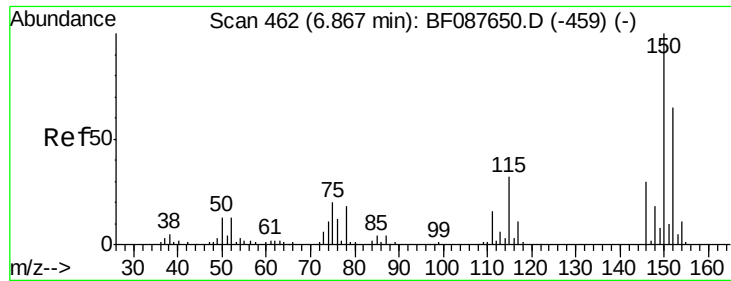
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF087731.D

Acq: 6 Jun 2016 2:52

Instrument :

BNA_F

ClientSampleId :

SB-8

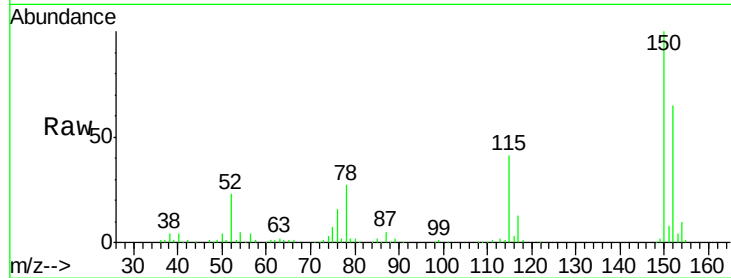
Tgt Ion:152 Resp: 115632

Ion Ratio Lower Upper

152 100

150 155.0 123.8 185.6

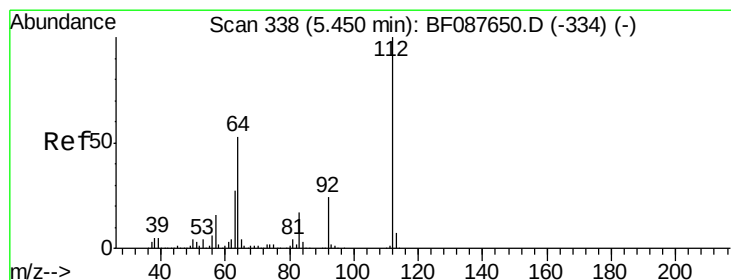
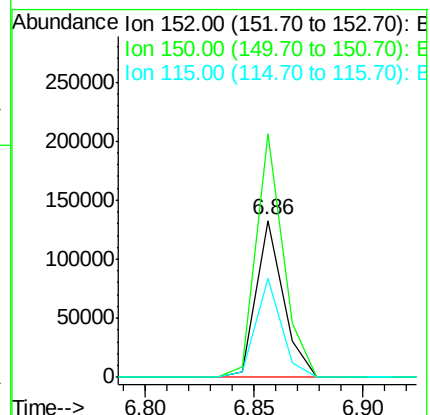
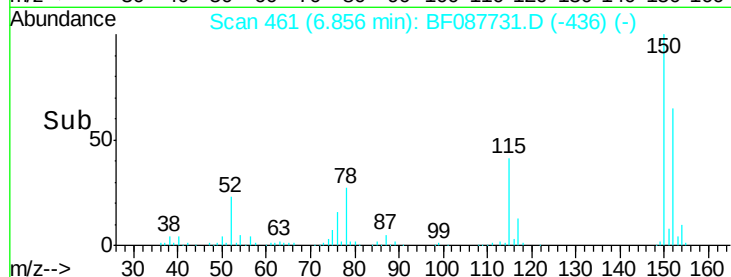
115 62.8 39.6 59.4#



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: 127.51 ng

RT: 5.46 min Scan# 339

Delta R.T. 0.01 min

Lab File: BF087731.D

Acq: 6 Jun 2016 2:52

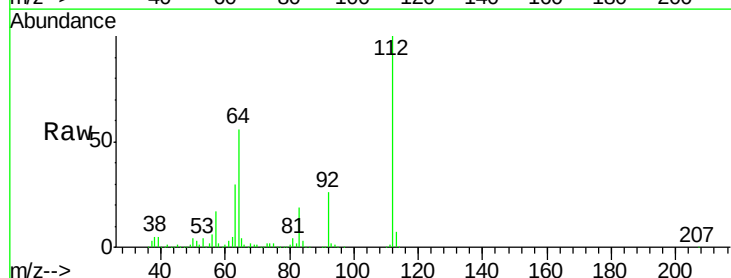
Tgt Ion:112 Resp: 912238

Ion Ratio Lower Upper

112 100

64 56.0 42.2 63.2

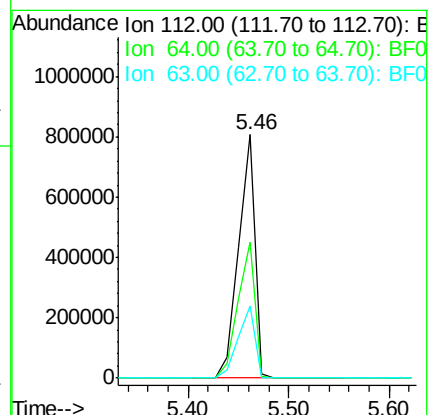
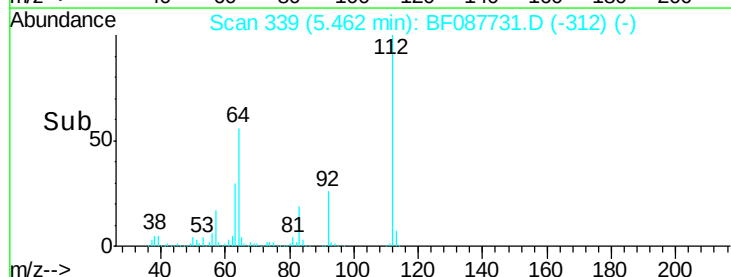
63 29.6 21.8 32.8

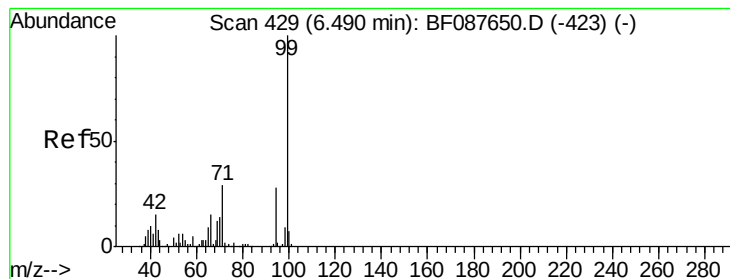


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 119.11 ng

RT: 6.49 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF087731.D

Acq: 6 Jun 2016 2:52

Instrument :

BNA_F

ClientSampleId :

SB-8

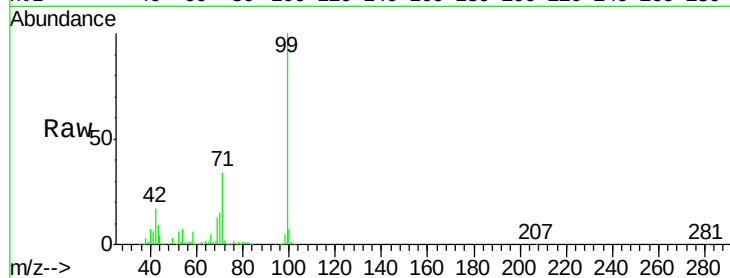
Tgt Ion: 99 Resp: 1068637

Ion Ratio Lower Upper

99 100

42 17.3 12.2 18.2

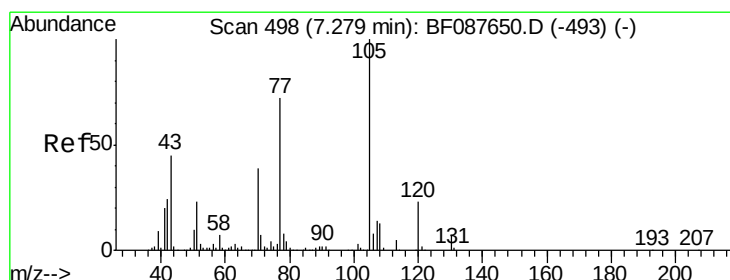
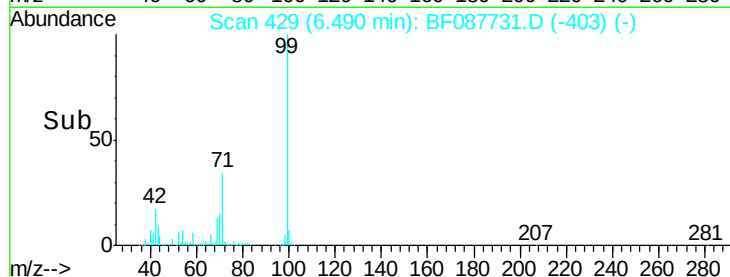
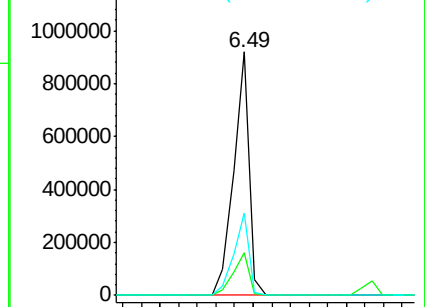
71 34.0 23.4 35.0



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: 18.67 ng

RT: 7.43 min Scan# 511

Delta R.T. 0.15 min

Lab File: BF087731.D

Acq: 6 Jun 2016 2:52

Tgt Ion: 70 Resp: 104602

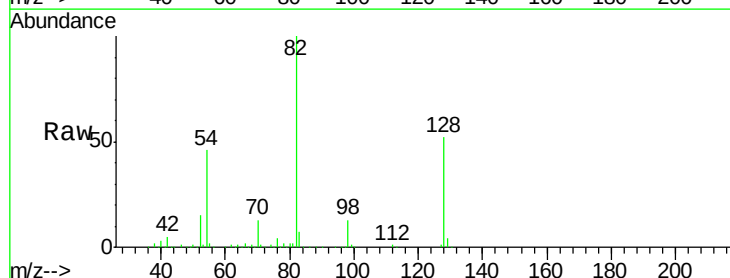
Ion Ratio Lower Upper

70 100

42 40.8 49.6 74.4#

101 0.0 7.1 10.7#

130 2.6 15.4 23.2#

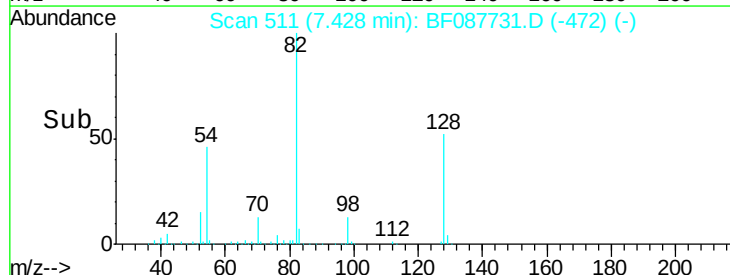
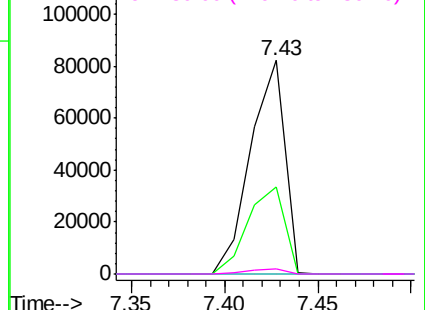


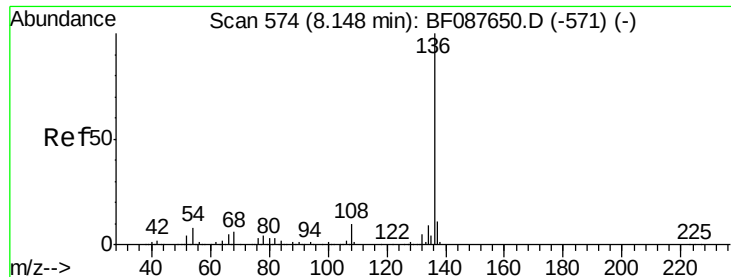
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

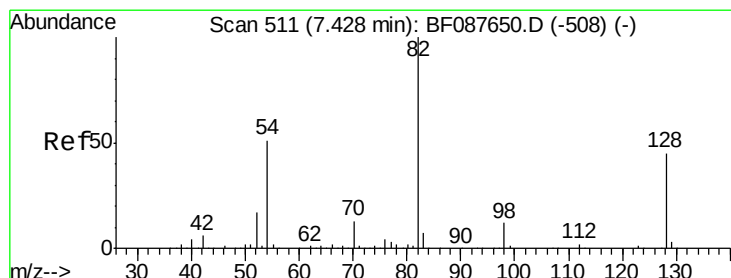
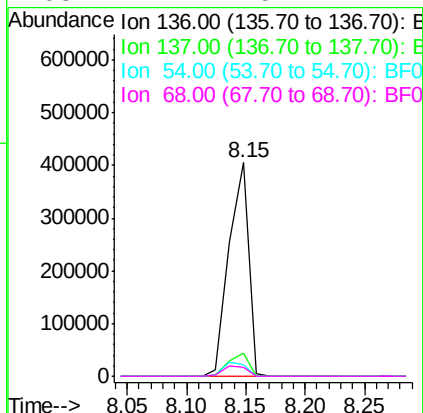
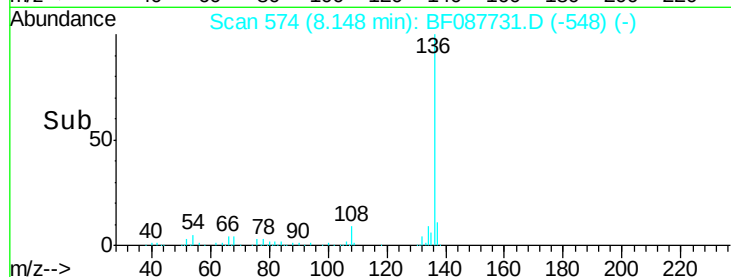
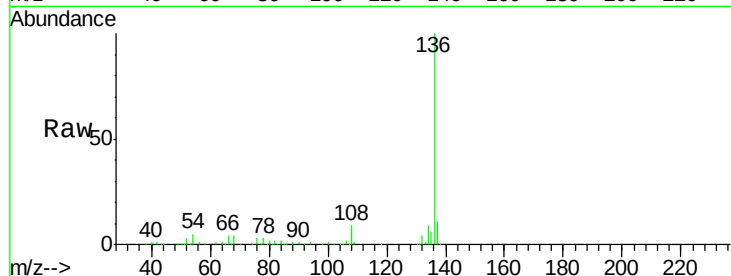




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF087731.D
Acq: 6 Jun 2016 2:52

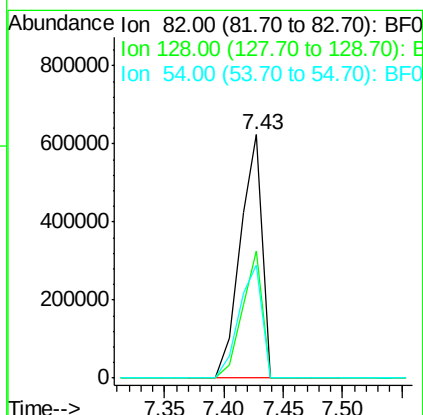
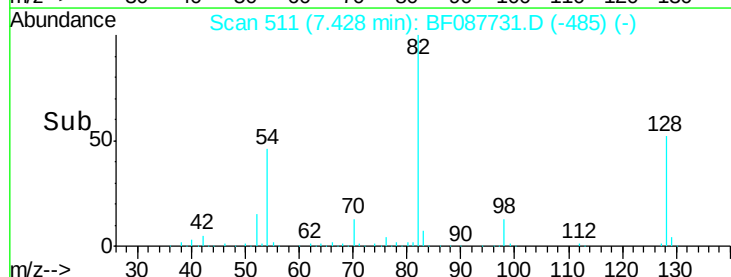
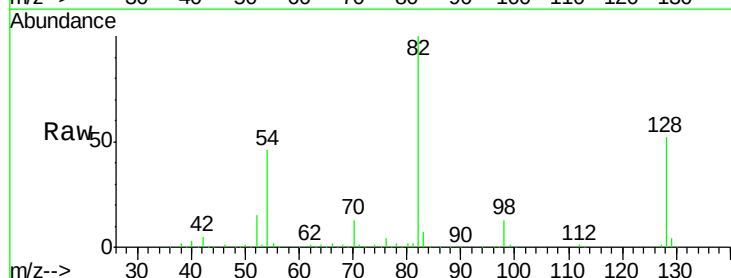
Instrument :
BNA_F
ClientSampleId :
SB-8

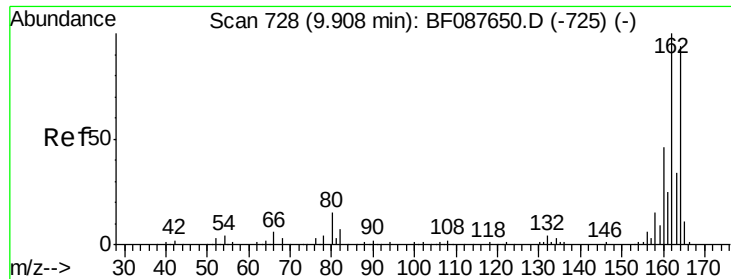
Tgt Ion:	136	Resp:	465612
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	5.3	6.6	10.0#
68	4.4	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 98.31 ng
RT: 7.43 min Scan# 511
Delta R.T. 0.00 min
Lab File: BF087731.D
Acq: 6 Jun 2016 2:52

Tgt Ion:	82	Resp:	791130
Ion	Ratio	Lower	Upper
82	100		
128	52.1	35.9	53.9
54	46.4	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: BF087731.D

Acq: 6 Jun 2016 2:52

Instrument :

BNA_F

ClientSampleId :

SB-8

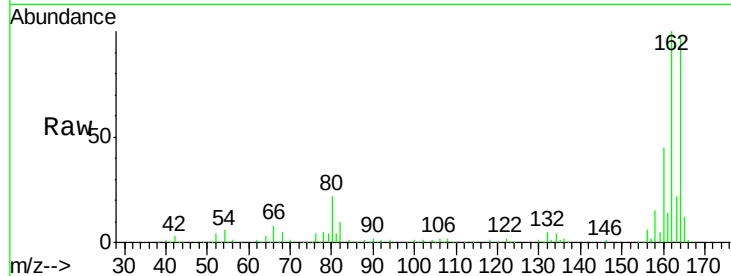
Tgt Ion:164 Resp: 214705

Ion Ratio Lower Upper

164 100

162 103.4 85.4 128.2

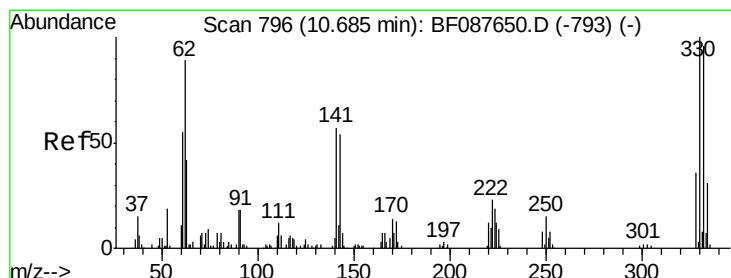
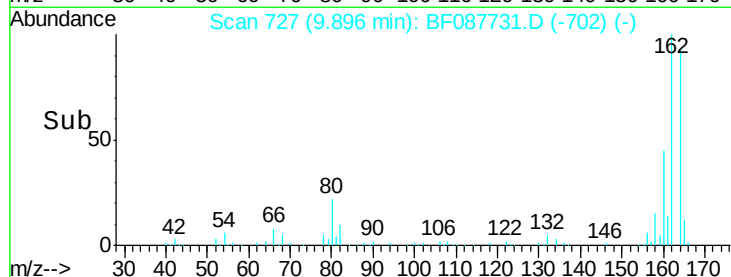
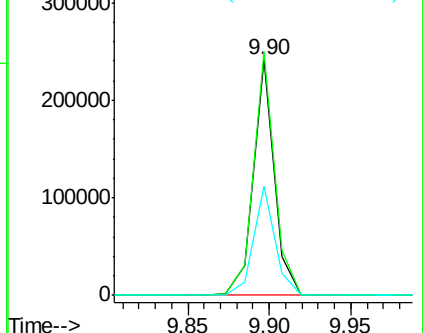
160 46.5 39.5 59.3



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: 121.62 ng

RT: 10.69 min Scan# 796

Delta R.T. 0.00 min

Lab File: BF087731.D

Acq: 6 Jun 2016 2:52

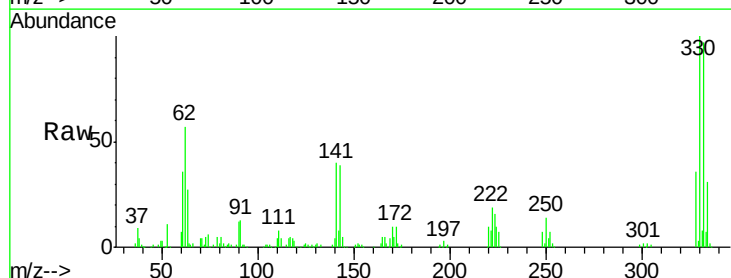
Tgt Ion:330 Resp: 262109

Ion Ratio Lower Upper

330 100

332 97.3 0.0 0.0#

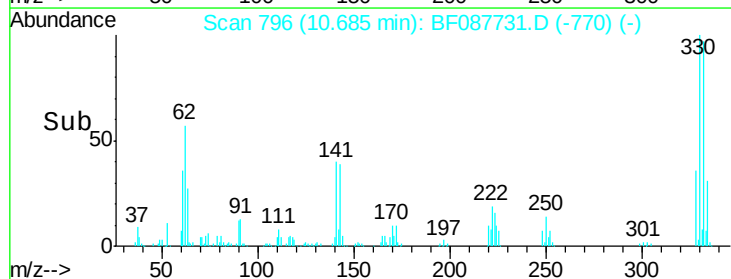
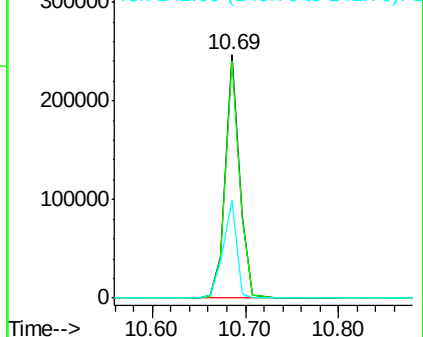
141 37.5 0.0 0.0#

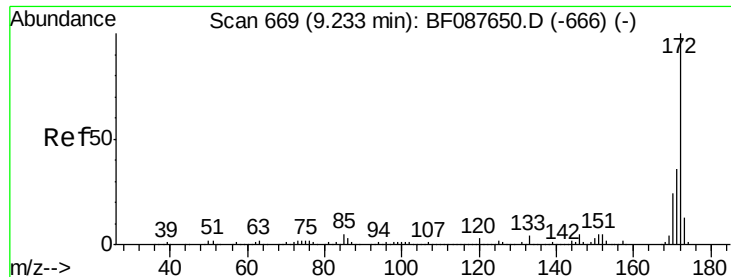


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

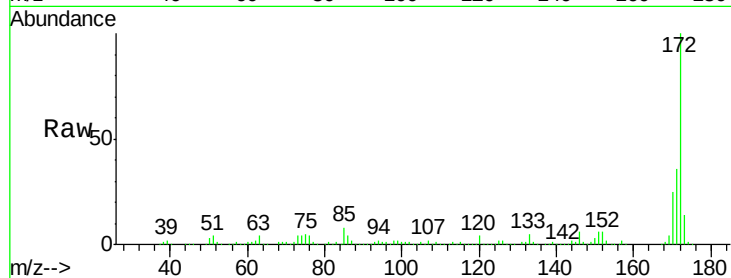




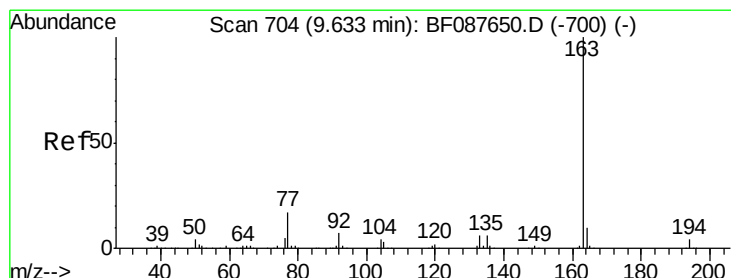
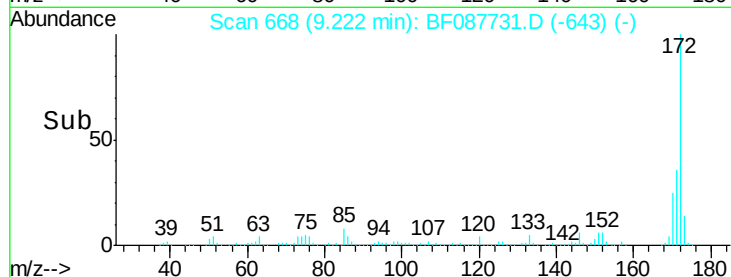
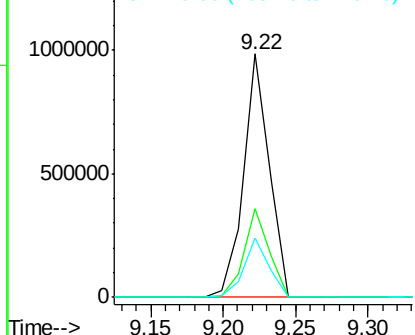
#44
 2-Fluorobiphenyl
 Concen: 86.52 ng
 RT: 9.22 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF087731.D
 Acq: 6 Jun 2016 2:52

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Tgt Ion:172 Resp: 1203186
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.6 43.0
 170 24.5 19.2 28.8

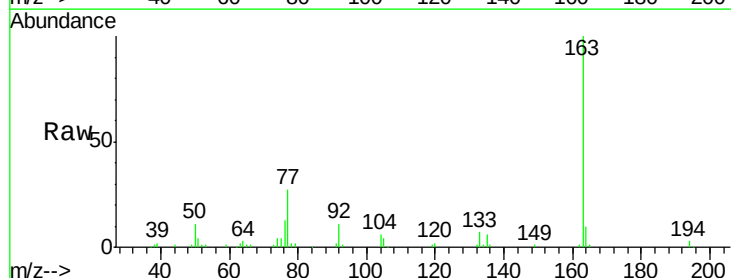


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

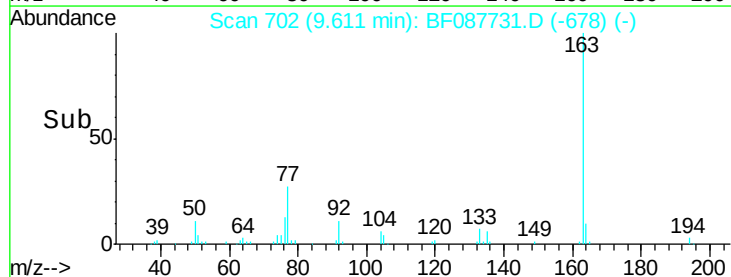
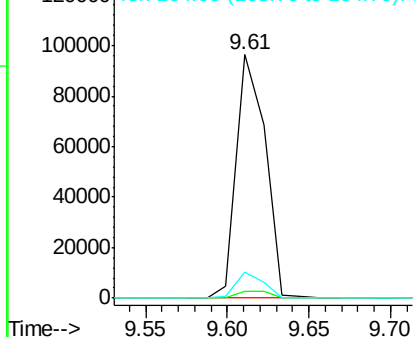


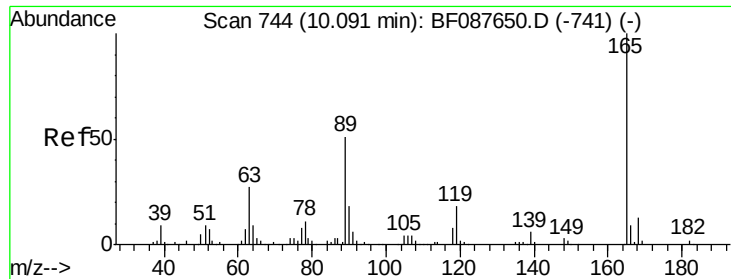
#49
 Dimethylphthalate
 Concen: 7.53 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.02 min
 Lab File: BF087731.D
 Acq: 6 Jun 2016 2:52

Tgt Ion:163 Resp: 117521
 Ion Ratio Lower Upper
 163 100
 194 2.9 2.8 4.2
 164 10.5 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

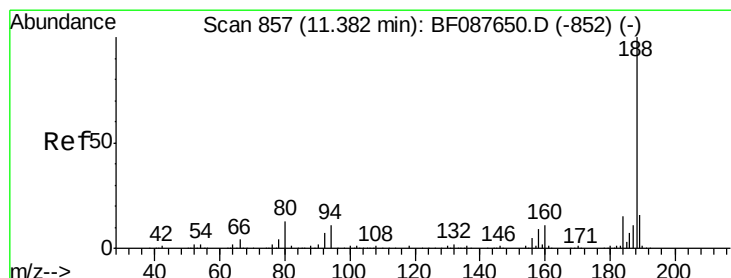
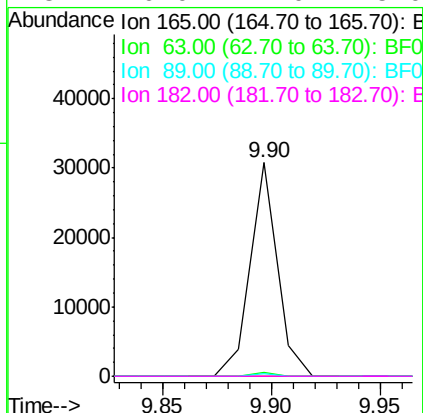
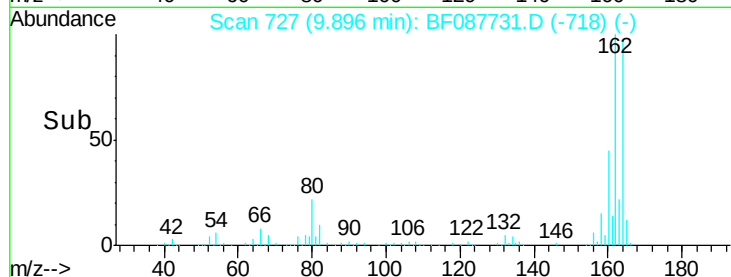
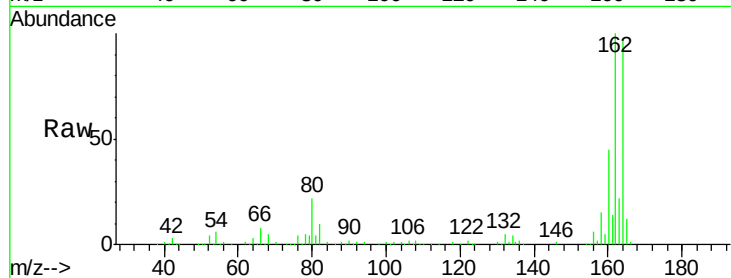




#56
 2,4-Dinitrotoluene
 Concen: 5.94 ng
 RT: 9.90 min Scan# 727
 Delta R.T. -0.19 min
 Lab File: BF087731.D
 Acq: 6 Jun 2016 2:52

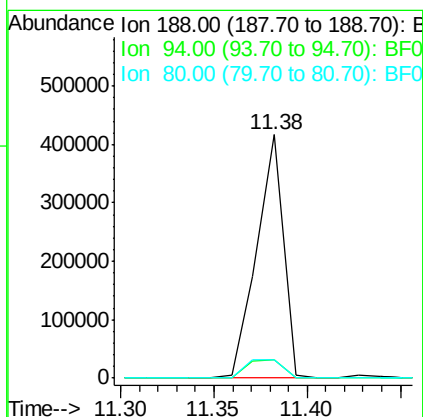
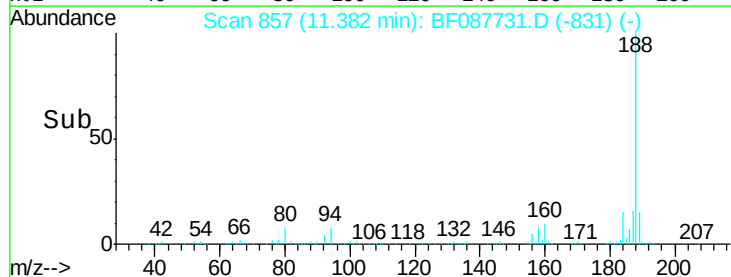
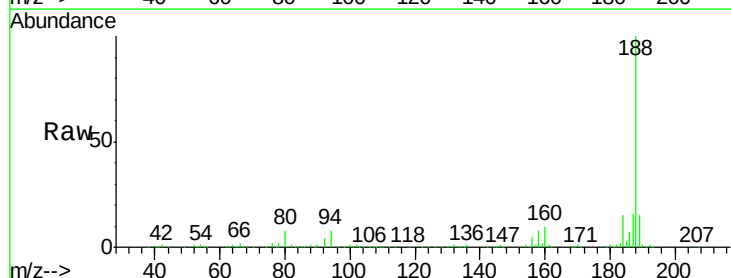
Instrument :
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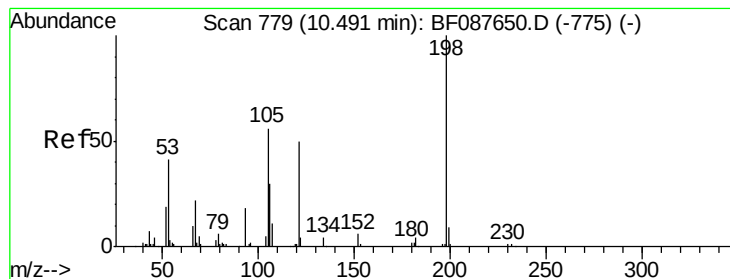
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	22.0	33.0#
89	1.4	41.1	61.7#
182	0.0	2.0	3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF087731.D
 Acq: 6 Jun 2016 2:52

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	9.0	13.6#
80	7.6	10.0	15.0#





#64

4,6-Dinitro-2-methylphenol

Concen: 2.19 ng

RT: 10.69 min Scan# 796

Delta R.T. 0.20 min

Lab File: BF087731.D

Acq: 6 Jun 2016 2:52

Instrument :

BNA_F

ClientSampleId :

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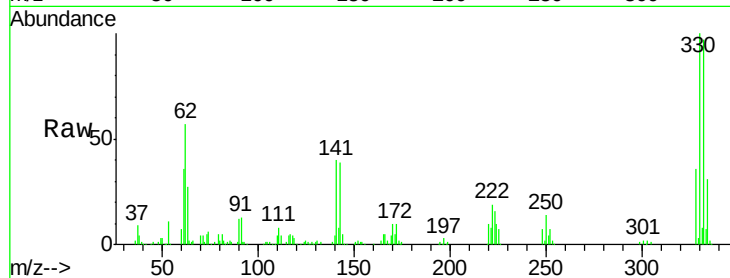
Tgt Ion:198 Resp: 416

Ion Ratio Lower Upper

198 100

51 189.1 39.6 79.6#

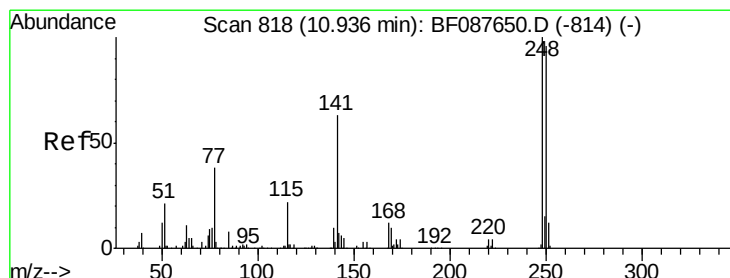
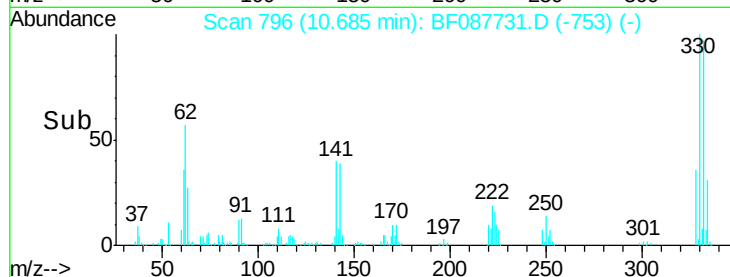
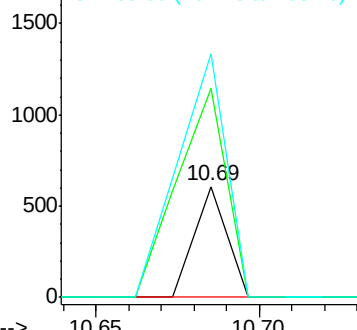
105 220.1 36.6 76.6#



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: 3.89 ng

RT: 10.69 min Scan# 796

Delta R.T. -0.25 min

Lab File: BF087731.D

Acq: 6 Jun 2016 2:52

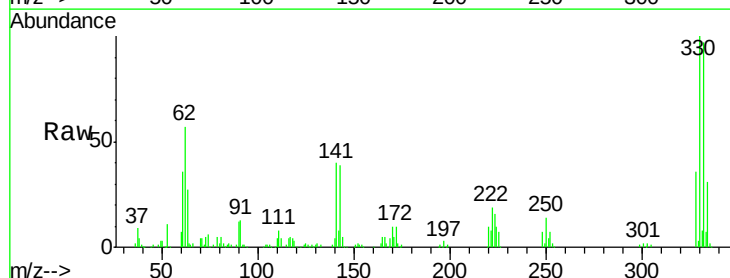
Tgt Ion:248 Resp: 15891

Ion Ratio Lower Upper

248 100

250 197.8 77.1 115.7#

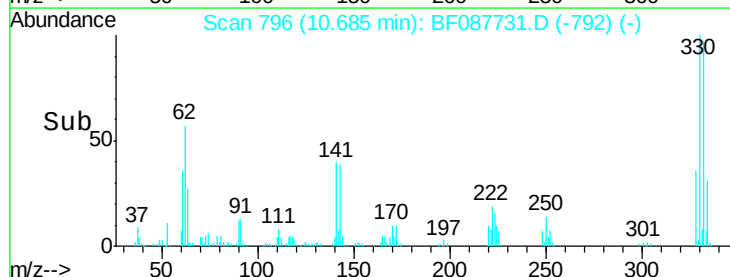
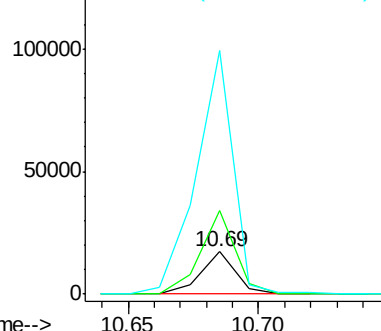
141 577.9 50.6 76.0#

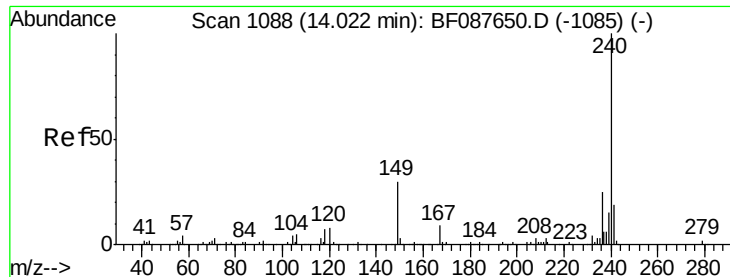


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF087731.D

Acq: 6 Jun 2016 2:52

Instrument :

BNA_F

ClientSampleId :

SB-8

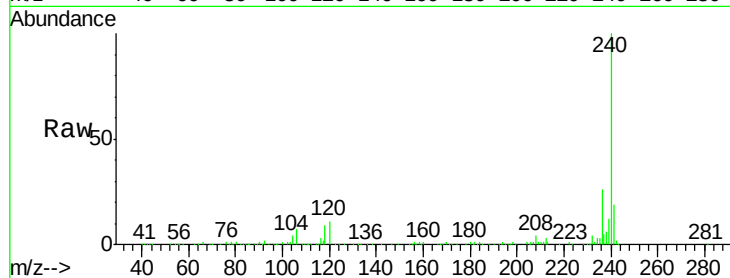
Tgt Ion:240 Resp: 306769

Ion Ratio Lower Upper

240 100

120 10.8 6.8 10.2#

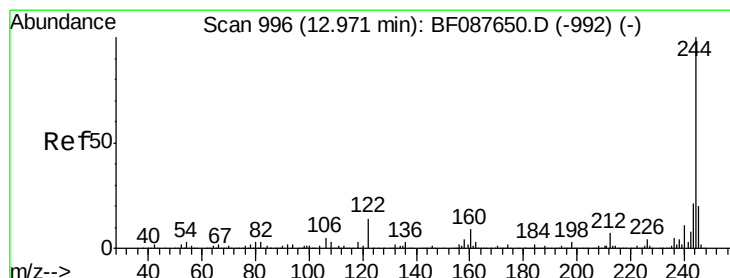
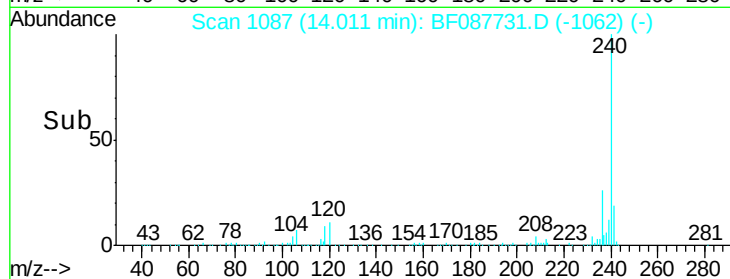
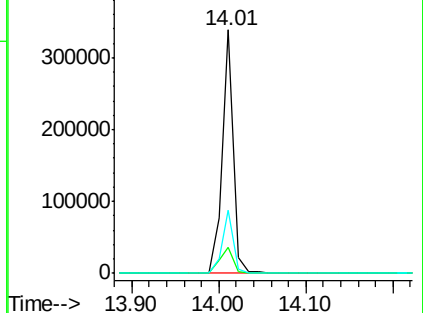
236 25.9 20.2 30.2



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: 80.61 ng

RT: 12.97 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF087731.D

Acq: 6 Jun 2016 2:52

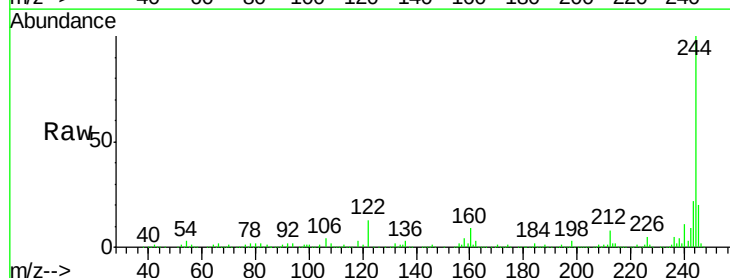
Tgt Ion:244 Resp: 1013383

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

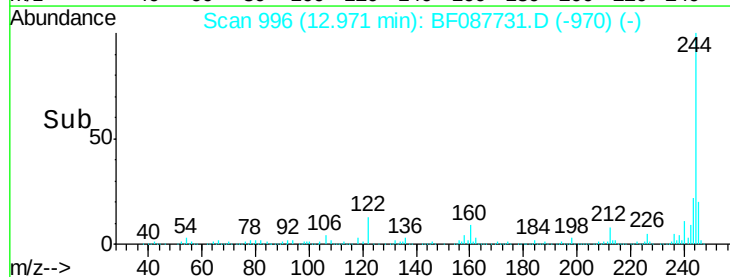
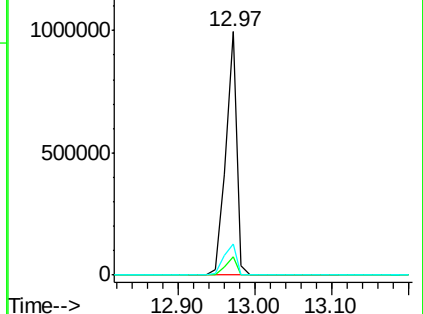
122 12.9 11.2 16.8

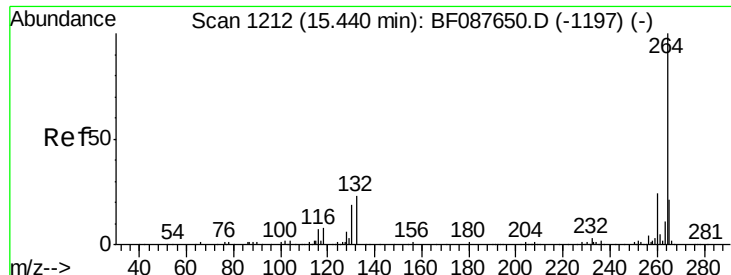


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF087731.D
Acq: 6 Jun 2016 2:52

Instrument :
BNA_F
ClientSampleId :
SB-8

Tgt Ion: 264 Resp: 233307
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 21.8 16.9 25.3

