

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060516\
 Data File : BF087723.D
 Acq On : 5 Jun 2016 22:52
 Operator : UM/SJ
 Sample : H3379-16
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5

Quant Time: Jun 06 03:12:22 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

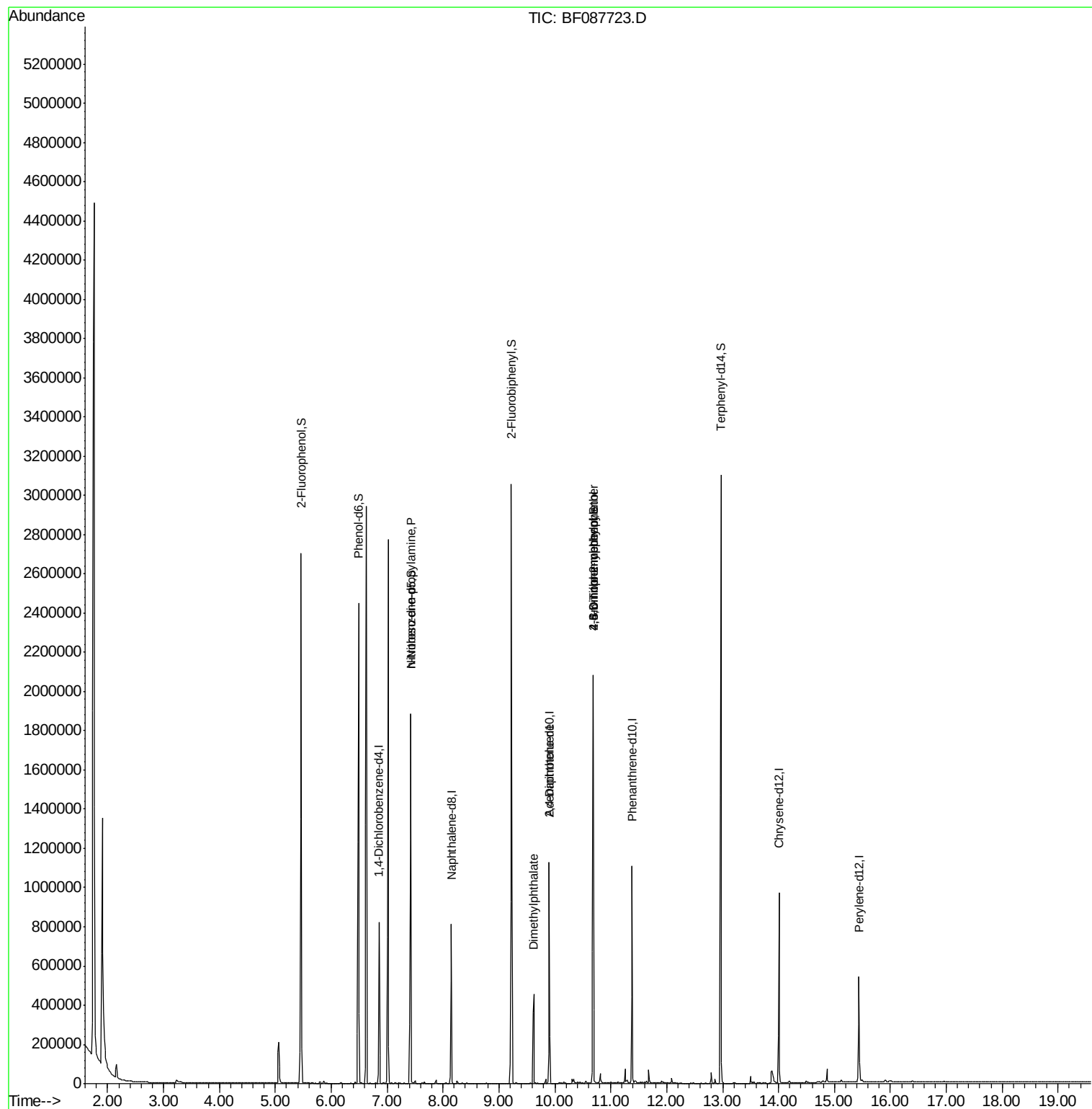
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	118177	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	485601	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	222099	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	433912	20.00	ng	0.00
75) Chrysene-d12	14.01	240	329782	20.00	ng	-0.01
86) Perylene-d12	15.44	264	247649	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	883625	120.85	ng	0.01
7) Phenol-d6	6.49	99	1091373	119.02	ng	0.00
23) Nitrobenzene-d5	7.43	82	814940	97.10	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	276055	123.82	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1217515	83.74	ng	-0.01
78) Terphenyl-d14	12.97	244	1049058	77.62	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	106956	18.68	ng	# 72
49) Dimethylphthalate	9.62	163	281248	17.42	ng	98
56) 2,4-Dinitrotoluene	9.90	165	28863	6.17	ng	# 38
64) 4,6-Dinitro-2-methylphenol	10.68	198	460	2.20	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	16524	3.84	ng	# 1

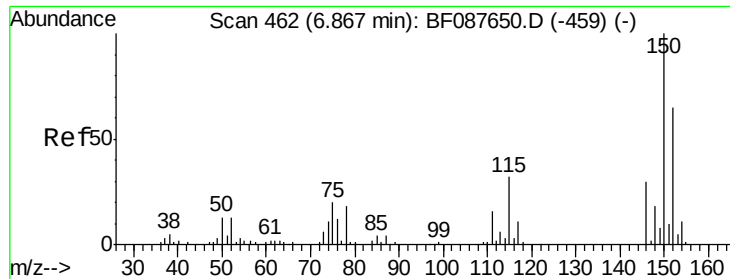
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060516\
Data File : BF087723.D
Acq On : 5 Jun 2016 22:52
Operator : UM/SJ
Sample : H3379-16
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-5

Quant Time: Jun 06 03:12:22 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF087723.D

Acq: 5 Jun 2016 22:52

Instrument :

BNA_F

ClientSampled :

SB-5

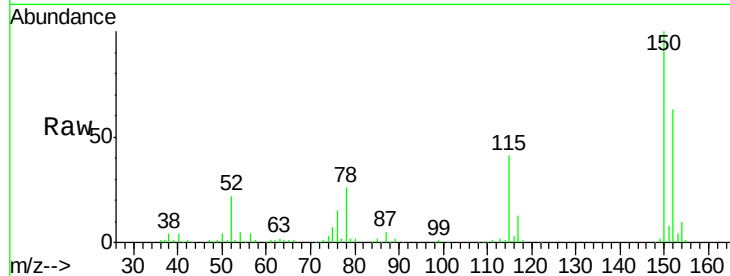
Tgt Ion:152 Resp: 118177

Ion Ratio Lower Upper

152 100

150 158.6 123.8 185.6

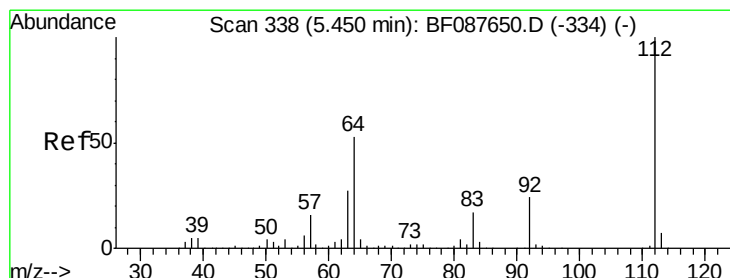
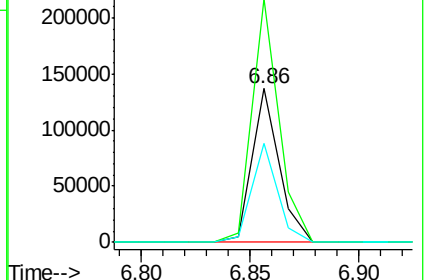
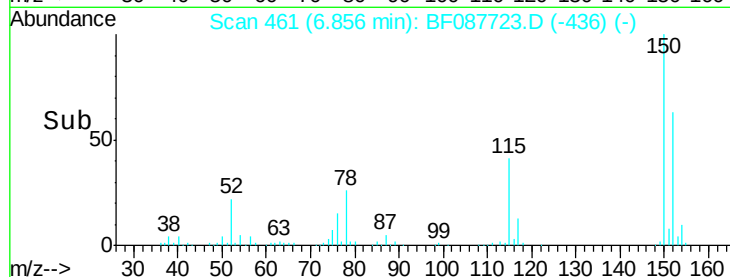
115 64.6 39.6 59.4#



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: 120.85 ng

RT: 5.46 min Scan# 339

Delta R.T. 0.01 min

Lab File: BF087723.D

Acq: 5 Jun 2016 22:52

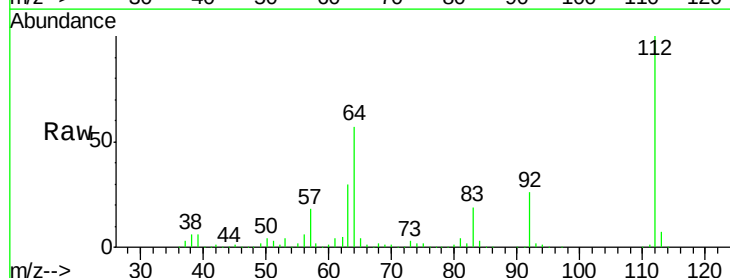
Tgt Ion:112 Resp: 883625

Ion Ratio Lower Upper

112 100

64 57.4 42.2 63.2

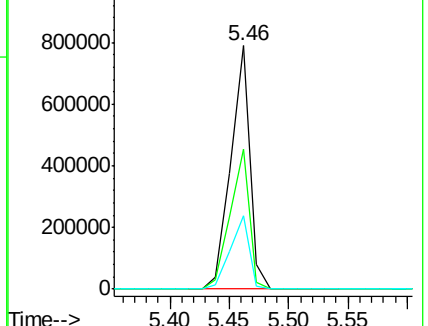
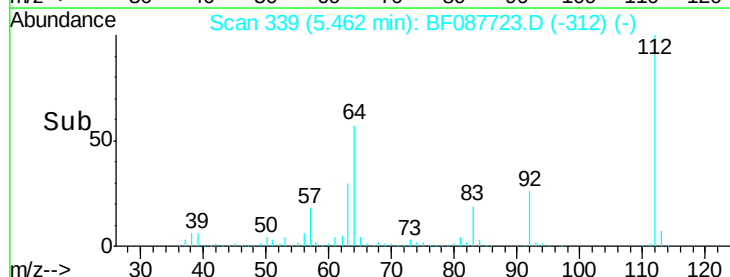
63 30.2 21.8 32.8

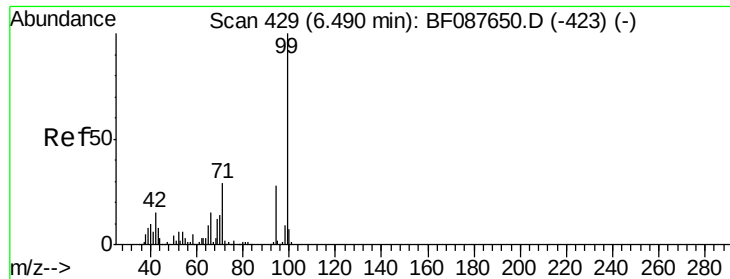


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 119.02 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF087723.D

Acq: 5 Jun 2016 22:52

Instrument :

BNA_F

ClientSampleId :

SB-5

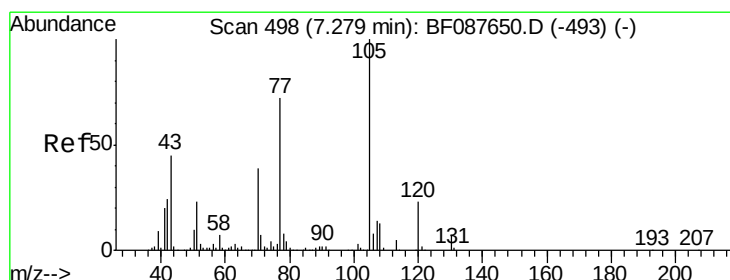
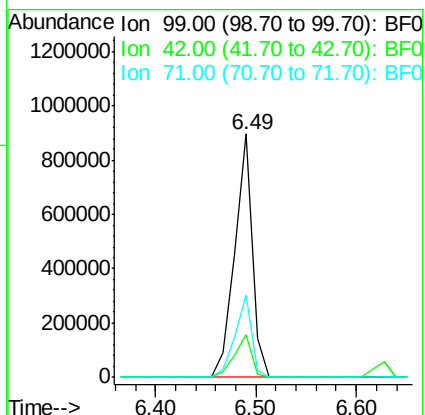
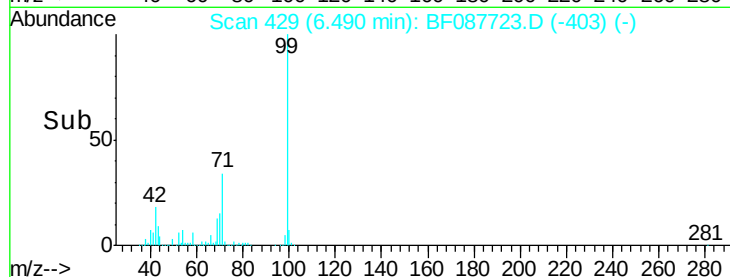
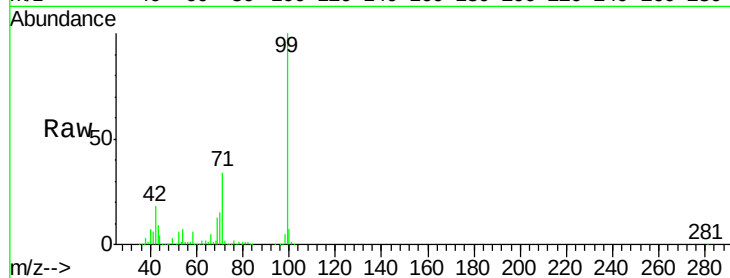
Tgt Ion: 99 Resp: 1091373

Ion Ratio Lower Upper

99 100

42 17.7 12.2 18.2

71 33.9 23.4 35.0



#19

n-Nitroso-di-n-propylamine

Concen: 18.68 ng

RT: 7.43 min Scan# 511

Delta R.T. 0.15 min

Lab File: BF087723.D

Acq: 5 Jun 2016 22:52

Tgt Ion: 70 Resp: 106956

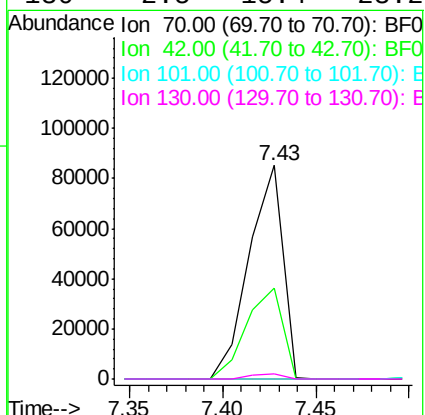
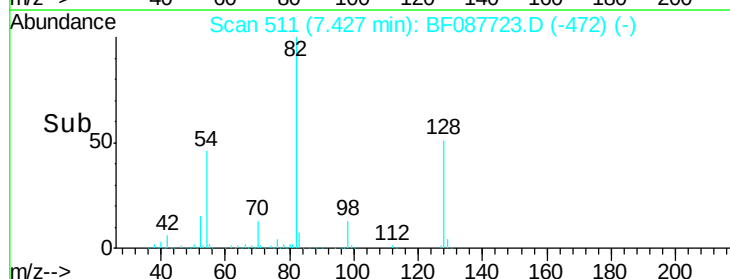
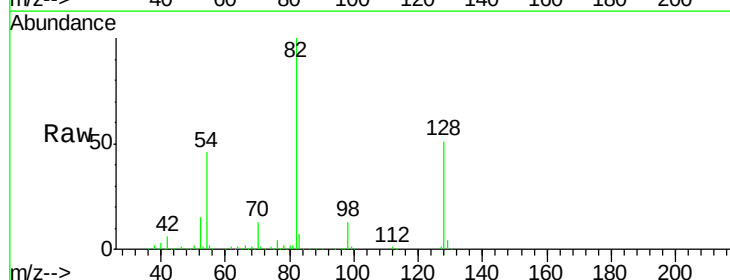
Ion Ratio Lower Upper

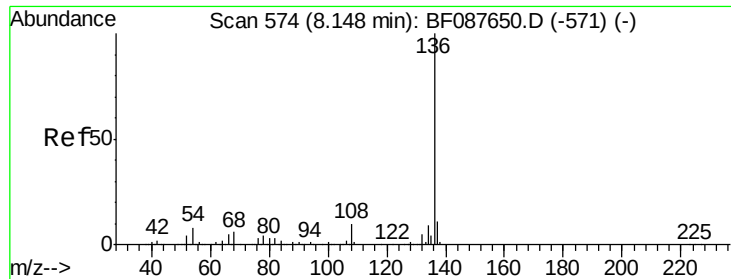
70 100

42 42.7 49.6 74.4#

101 0.0 7.1 10.7#

130 2.5 15.4 23.2#

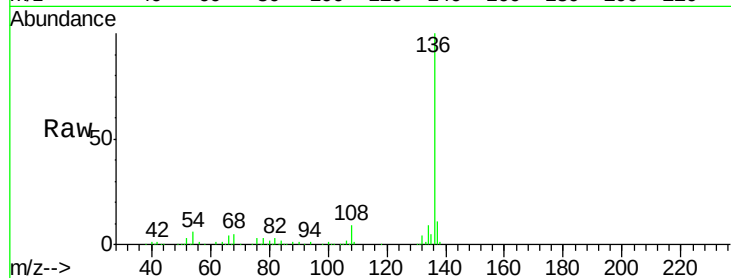




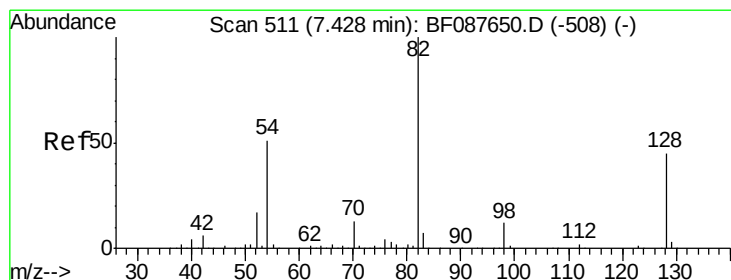
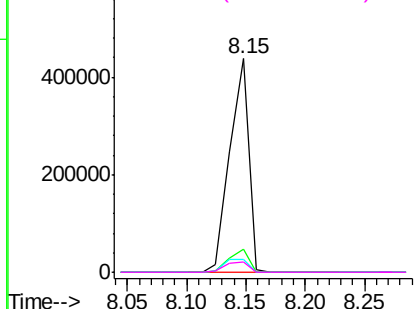
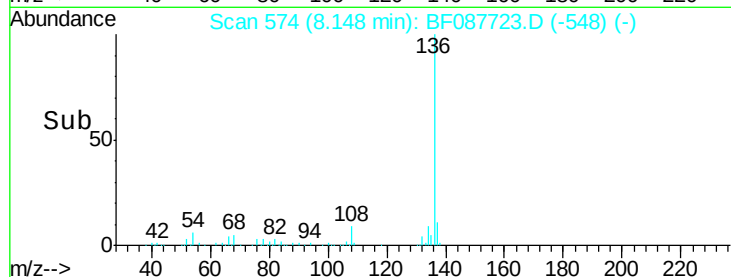
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF087723.D
Acq: 5 Jun 2016 22:52

Instrument :
BNA_F
ClientSampleId :
SB-5

Tgt Ion:	136	Resp:	485601
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	5.8	6.6	10.0#
68	4.7	5.1	7.7#

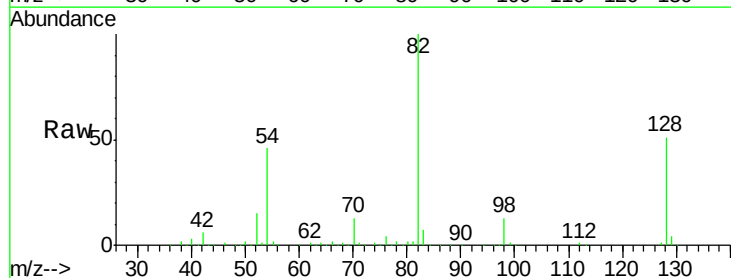


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

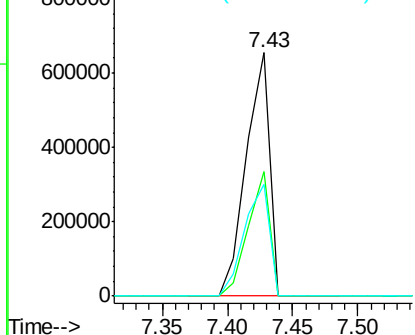
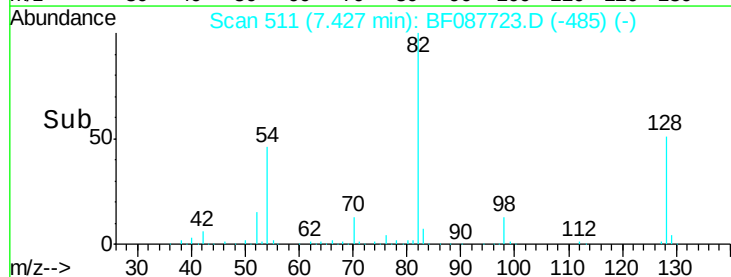


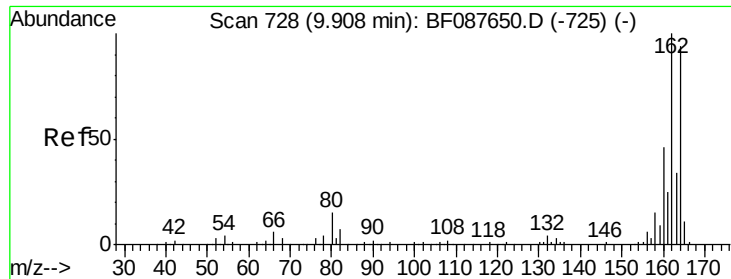
#23
Nitrobenzene-d5
Concen: 97.10 ng
RT: 7.43 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF087723.D
Acq: 5 Jun 2016 22:52

Tgt Ion:	82	Resp:	814940
Ion	Ratio	Lower	Upper
82	100		
128	51.1	35.9	53.9
54	46.1	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

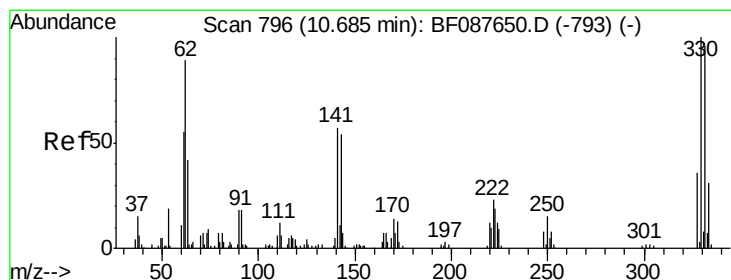
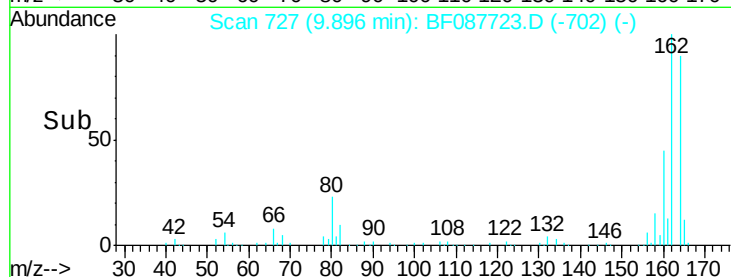
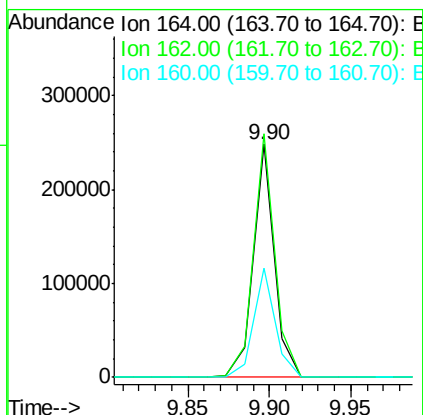
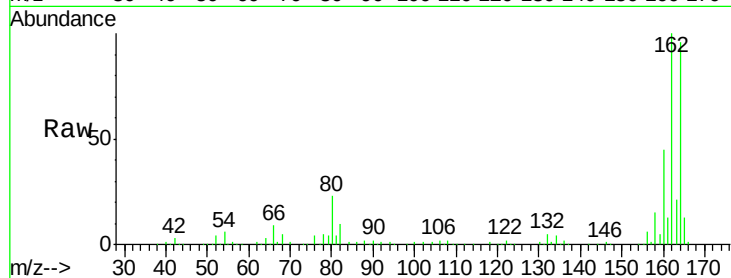




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF087723.D
Acq: 5 Jun 2016 22:52

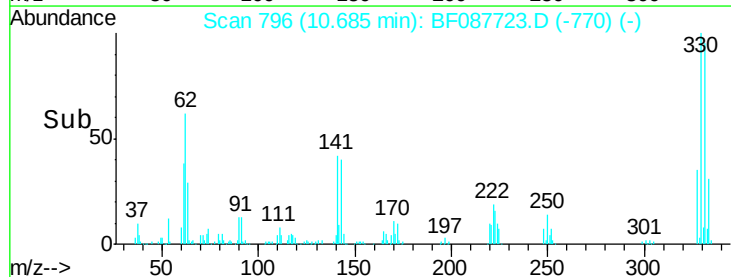
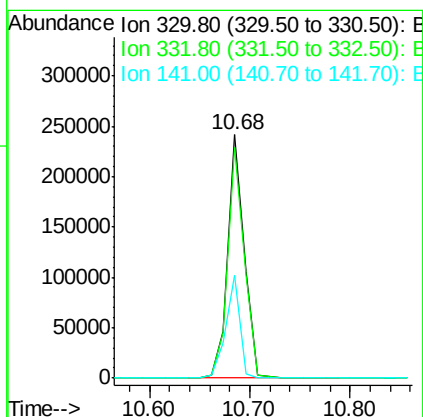
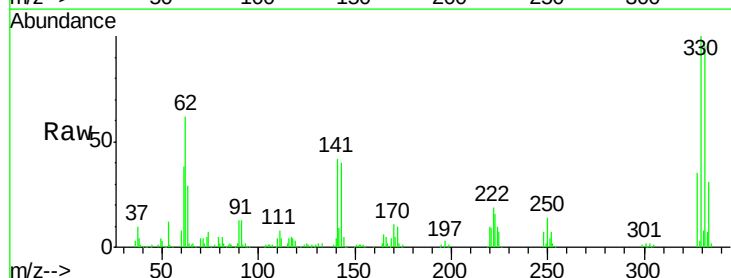
Instrument :
BNA_F
ClientSampleId :
SB-5

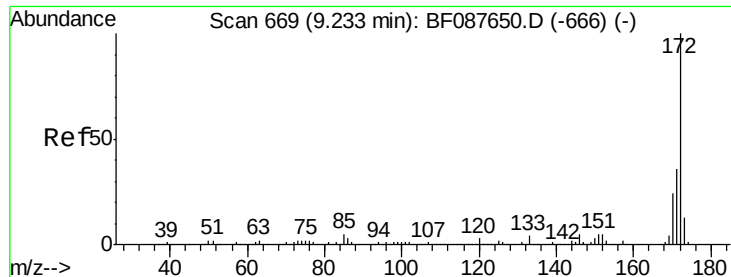
Tgt Ion:164 Resp: 222099
Ion Ratio Lower Upper
164 100
162 104.4 85.4 128.2
160 47.0 39.5 59.3



#41
2,4,6-Tribromophenol
Concen: 123.82 ng
RT: 10.68 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF087723.D
Acq: 5 Jun 2016 22:52

Tgt Ion:330 Resp: 276055
Ion Ratio Lower Upper
330 100
332 95.4 0.0 0.0#
141 36.3 0.0 0.0#

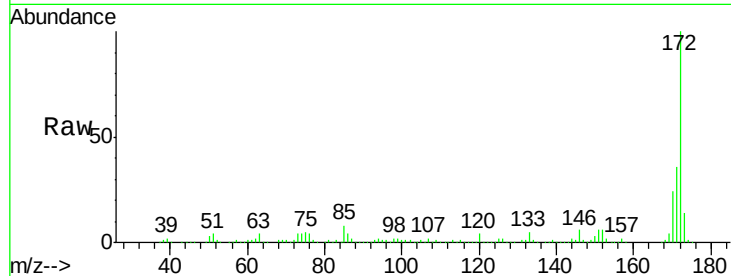




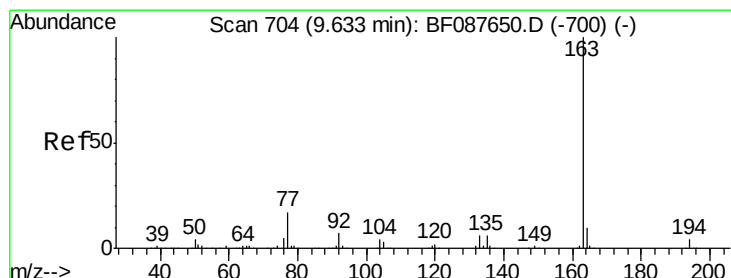
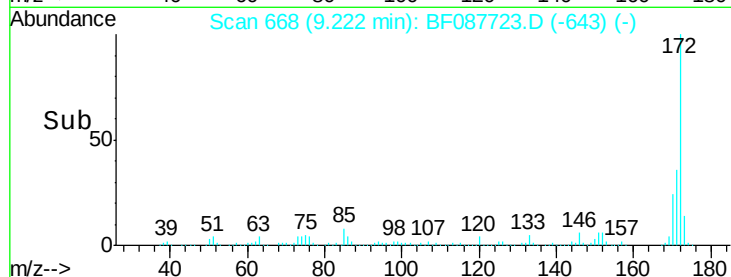
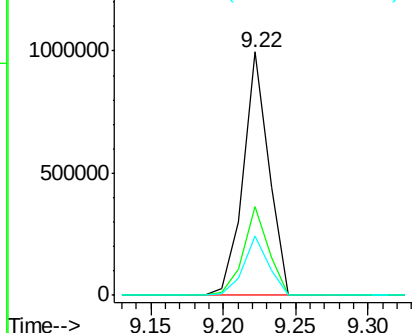
#44
 2-Fluorobiphenyl
 Concen: 83.74 ng
 RT: 9.22 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF087723.D
 Acq: 5 Jun 2016 22:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-5

Tgt Ion:172 Resp: 1217515
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 43.0
 170 24.3 19.2 28.8

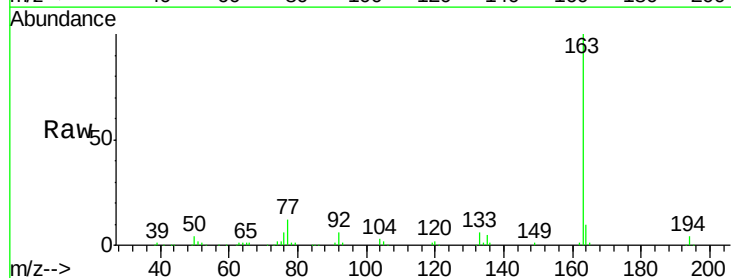


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

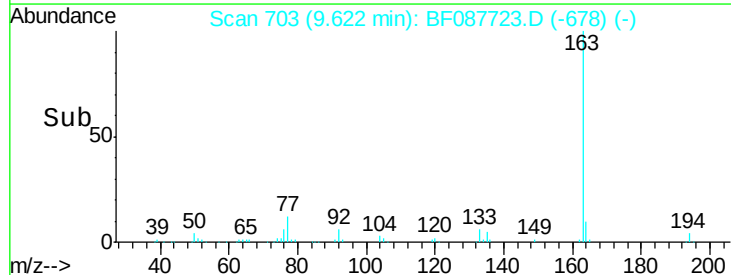
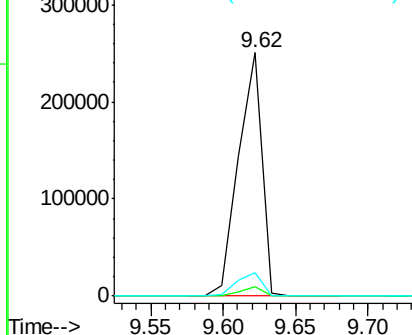


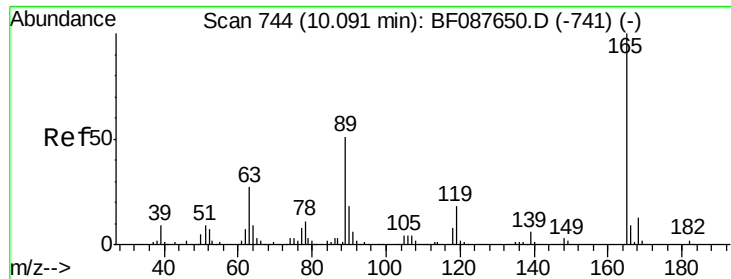
#49
 Dimethylphthalate
 Concen: 17.42 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF087723.D
 Acq: 5 Jun 2016 22:52

Tgt Ion:163 Resp: 281248
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.8 4.2
 164 9.6 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

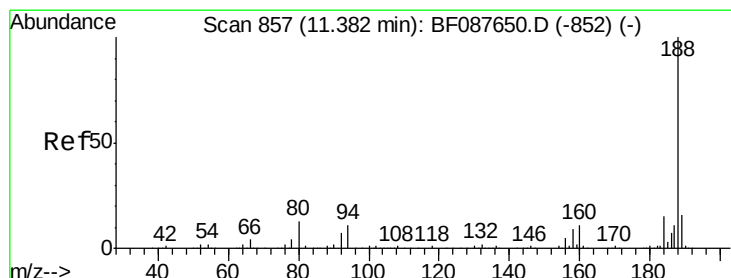
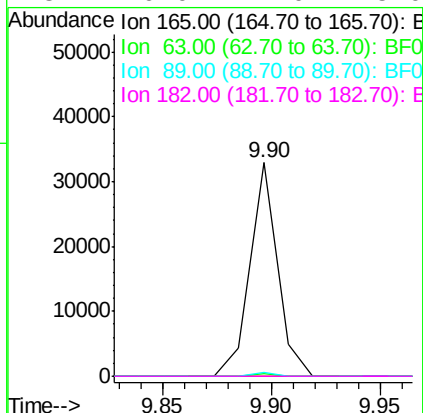
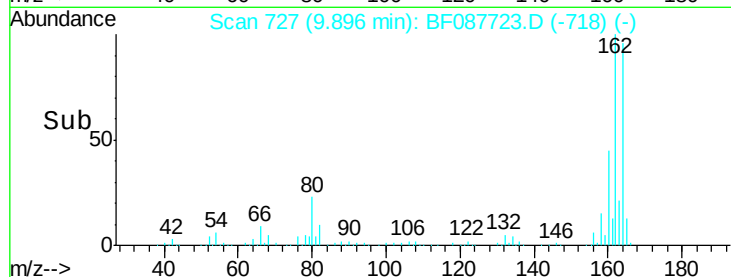
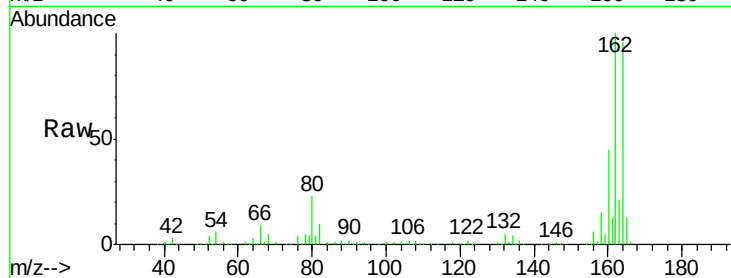




#56
 2,4-Dinitrotoluene
 Concen: 6.17 ng
 RT: 9.90 min Scan# 727
 Delta R.T. -0.19 min
 Lab File: BF087723.D
 Acq: 5 Jun 2016 22:52

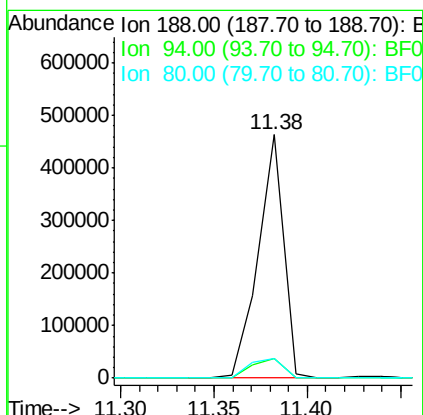
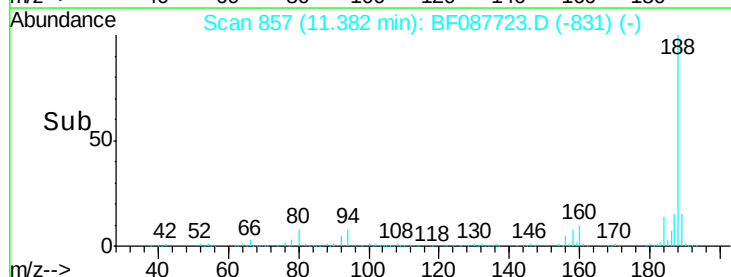
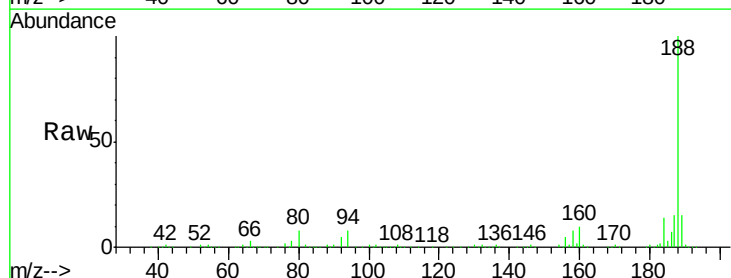
Instrument :
 BNA_F
 ClientSampleId :
 SB-5

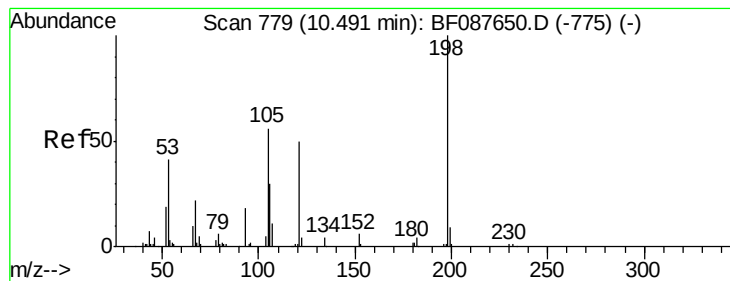
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	22.0	33.0#
89	1.6	41.1	61.7#
182	0.0	2.0	3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: BF087723.D
 Acq: 5 Jun 2016 22:52

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	9.0	13.6#
80	8.1	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: BF087723.D

Acq: 5 Jun 2016 22:52

Instrument :

BNA_F

ClientSampled :

SB-5

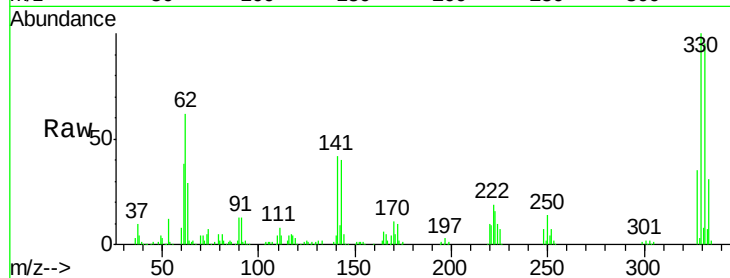
Tgt Ion:198 Resp: 460

Ion Ratio Lower Upper

198 100

51 166.6 39.6 79.6#

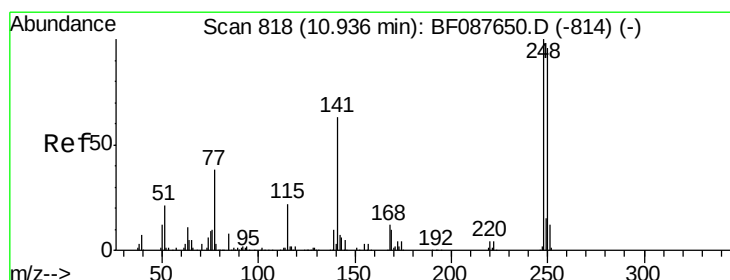
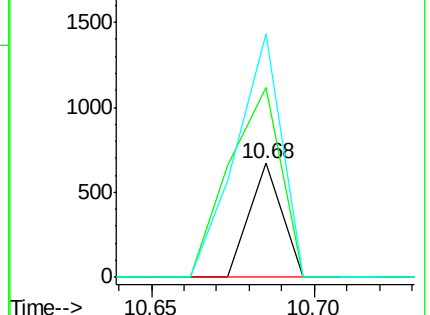
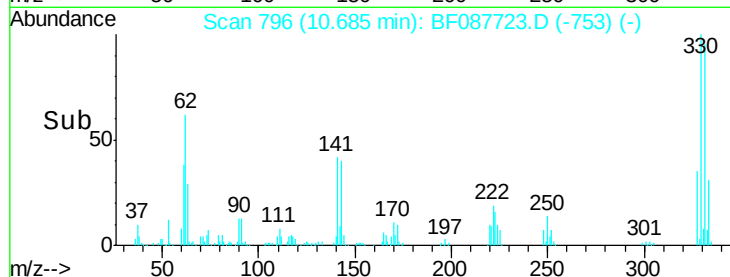
105 213.6 36.6 76.6#



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: 3.84 ng

RT: 10.68 min Scan# 796

Delta R.T. -0.25 min

Lab File: BF087723.D

Acq: 5 Jun 2016 22:52

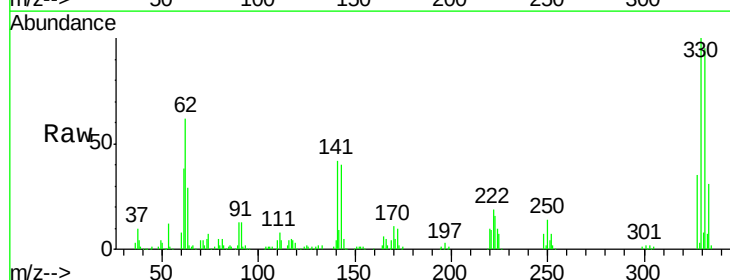
Tgt Ion:248 Resp: 16524

Ion Ratio Lower Upper

248 100

250 193.1 77.1 115.7#

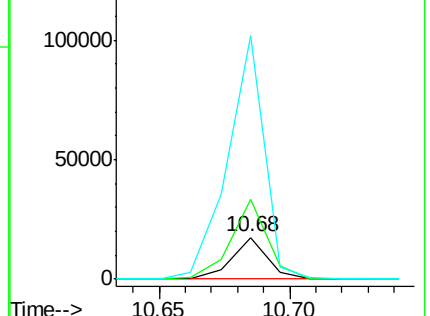
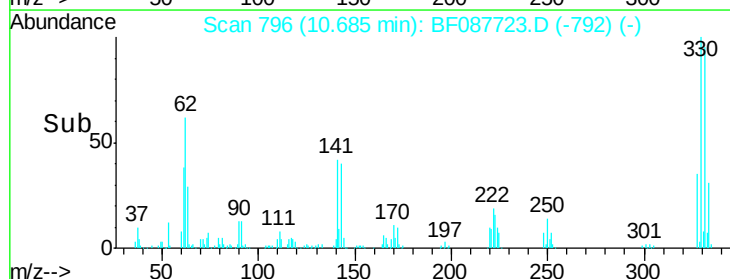
141 585.1 50.6 76.0#

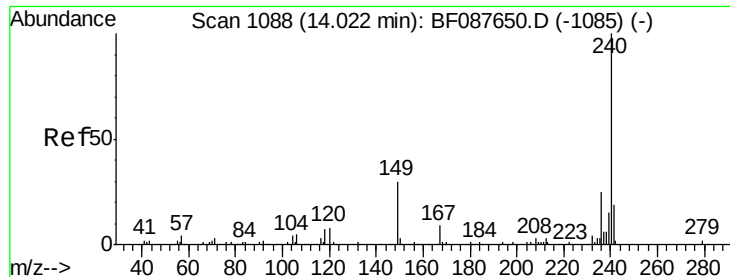


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF087723.D

Acq: 5 Jun 2016 22:52

Instrument :

BNA_F

ClientSampleId :

SB-5

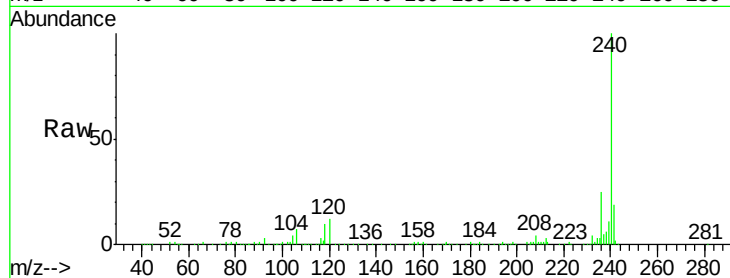
Tgt Ion:240 Resp: 329782

Ion Ratio Lower Upper

240 100

120 11.5 6.8 10.2#

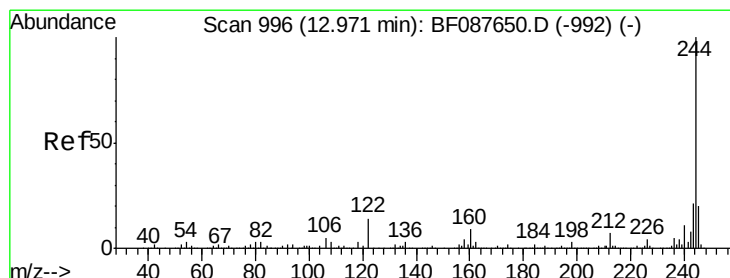
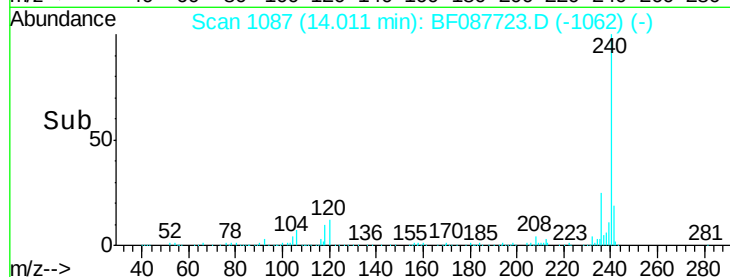
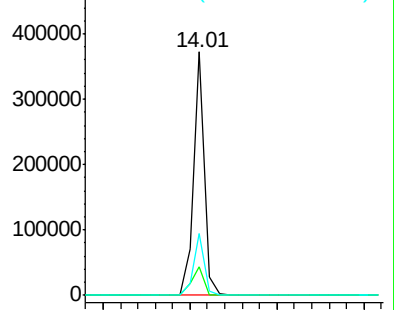
236 25.2 20.2 30.2



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: 77.62 ng

RT: 12.97 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF087723.D

Acq: 5 Jun 2016 22:52

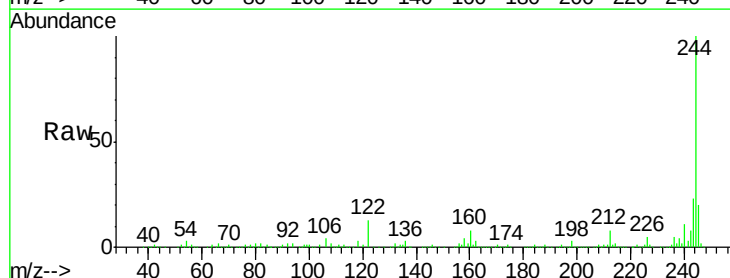
Tgt Ion:244 Resp: 1049058

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

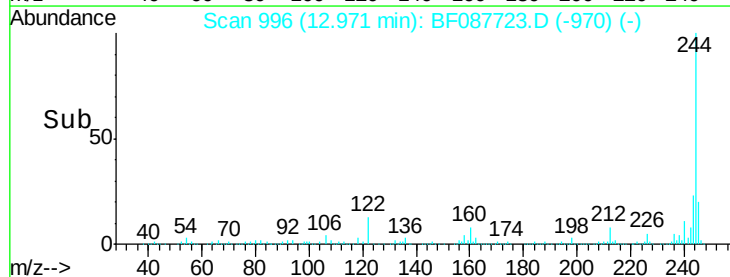
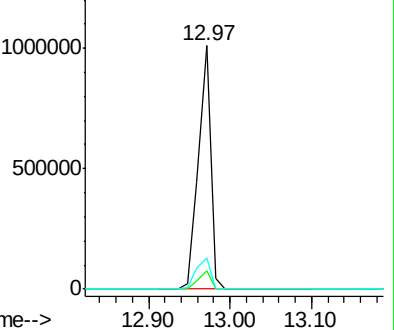
122 12.9 11.2 16.8

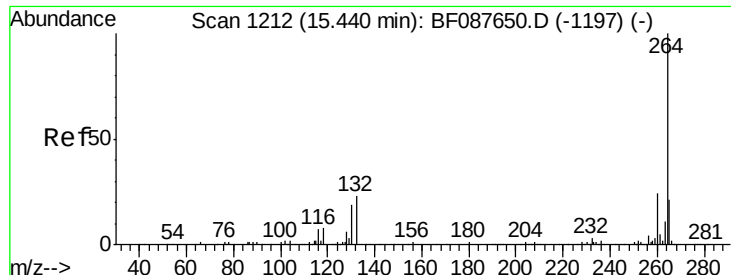


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

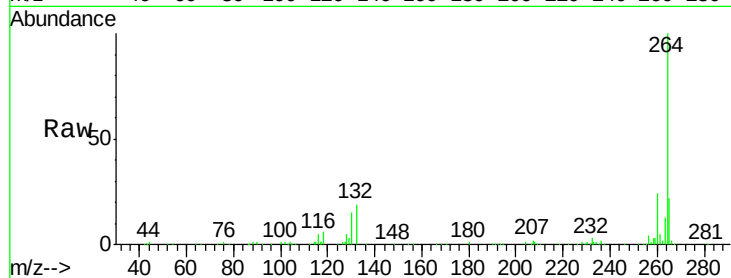




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF087723.D
Acq: 5 Jun 2016 22:52

Instrument :
BNA_F
ClientSampleId :
SB-5

Tgt Ion: 264 Resp: 247649
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 21.7 16.9 25.3



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

