

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060516\
 Data File : BF087725.D
 Acq On : 5 Jun 2016 23:52
 Operator : UM/SJ
 Sample : H3378-03
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-7

Quant Time: Jun 06 03:12:49 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

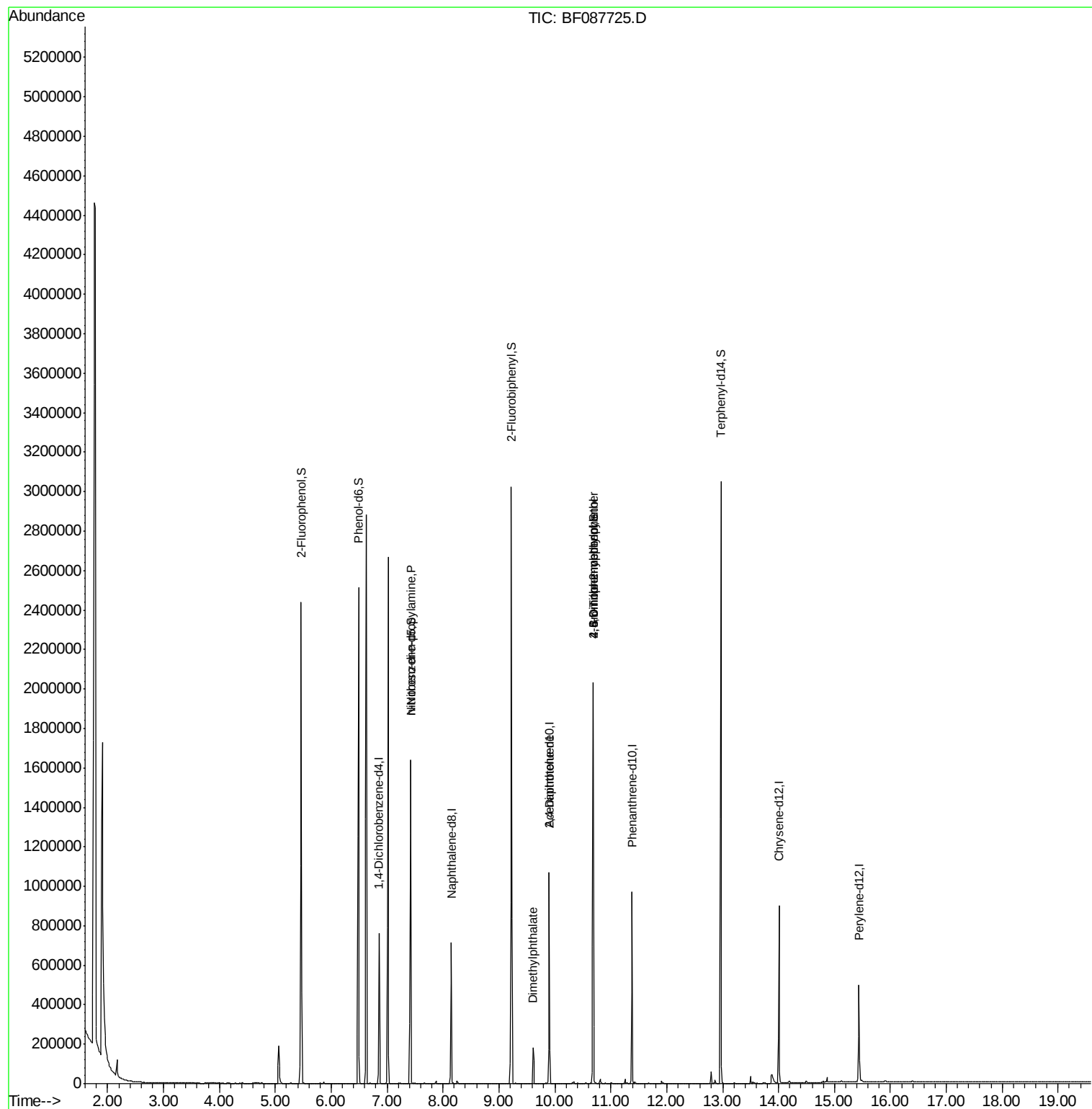
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	108927	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	448322	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	209094	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	404984	20.00	ng	0.00
75) Chrysene-d12	14.01	240	301920	20.00	ng	-0.01
86) Perylene-d12	15.44	264	222280	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	847866	125.81	ng	0.01
7) Phenol-d6	6.49	99	1041544	123.24	ng	0.00
23) Nitrobenzene-d5	7.43	82	764638	98.68	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	263845	125.71	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1160072	85.23	ng	-0.01
78) Terphenyl-d14	12.97	244	995668	80.47	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	100044	18.95	ng	# 70
49) Dimethylphthalate	9.61	163	102513	6.74	ng	100
56) 2,4-Dinitrotoluene	9.90	165	27052	6.14	ng	# 38
64) 4,6-Dinitro-2-methylphenol	10.68	198	422	2.19	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	15500	3.86	ng	# 1

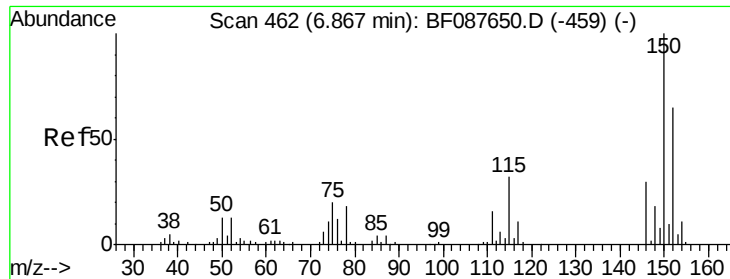
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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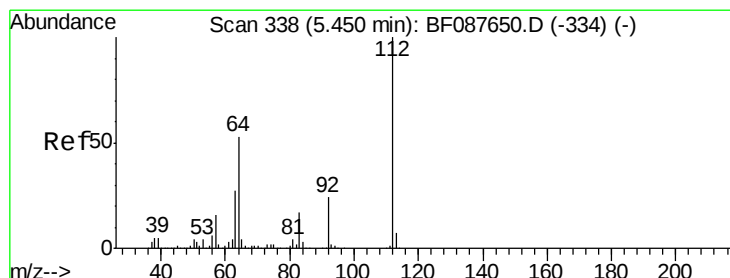
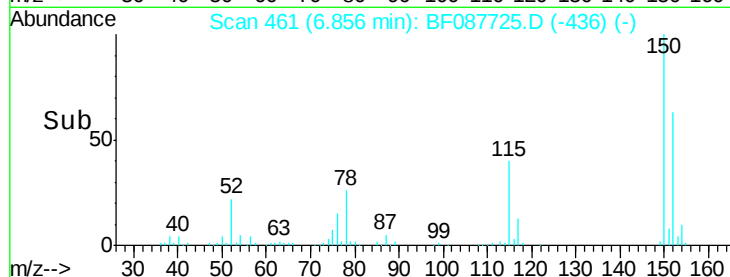
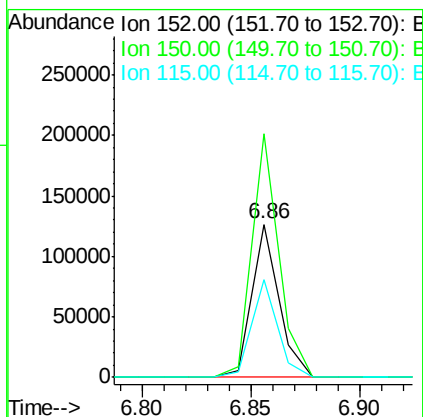
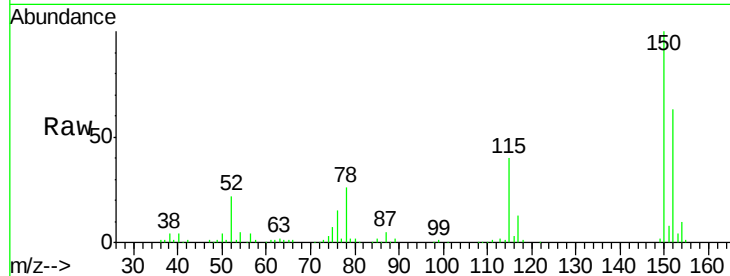


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF087725.D
Acq: 5 Jun 2016 23:52

Instrument :
BNA_F
ClientSampled :
SB-7

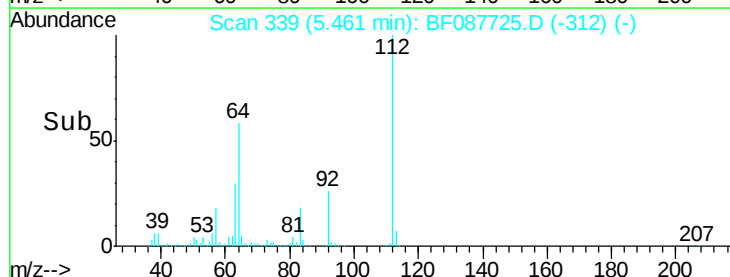
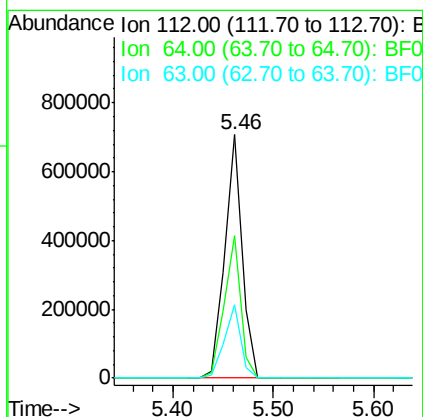
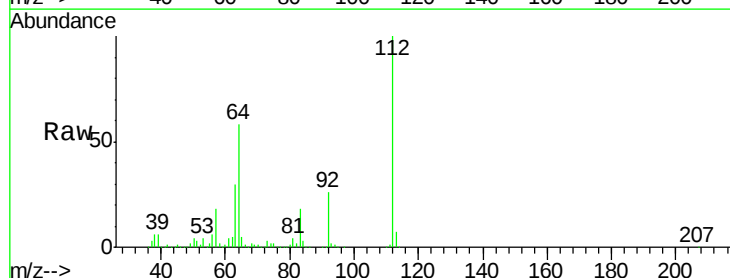
Tgt Ion:152 Resp: 108927
Ion Ratio Lower Upper
152 100
150 159.0 123.8 185.6
115 64.0 39.6 59.4#

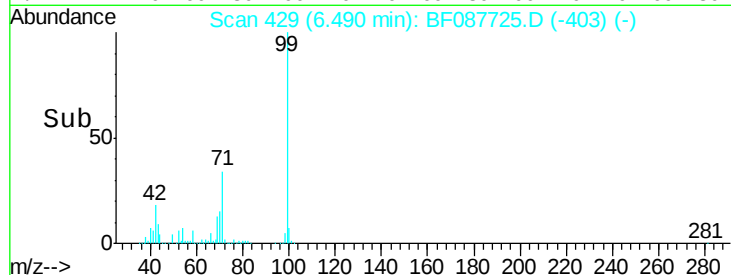
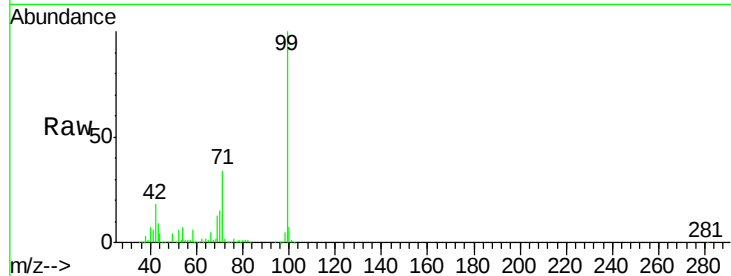
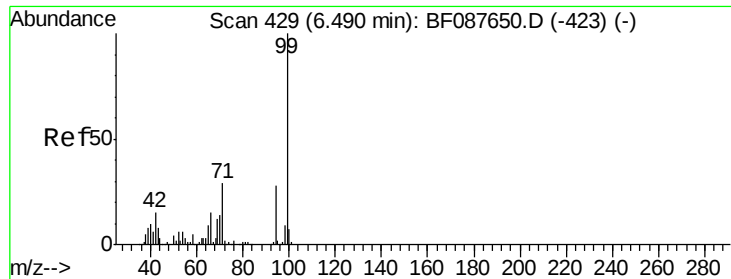


#5

2-Fluorophenol
Concen: 125.81 ng
RT: 5.46 min Scan# 339
Delta R.T. 0.01 min
Lab File: BF087725.D
Acq: 5 Jun 2016 23:52

Tgt Ion:112 Resp: 847866
Ion Ratio Lower Upper
112 100
64 58.4 42.2 63.2
63 30.2 21.8 32.8





#7

Phenol-d6

Concen: 123.24 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF087725.D

Acq: 5 Jun 2016 23:52

Instrument :

BNA_F

ClientSampleId :

SB-7

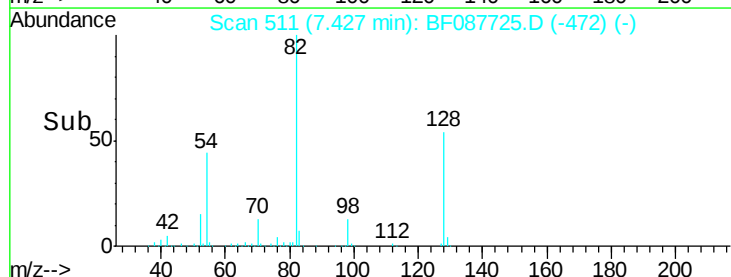
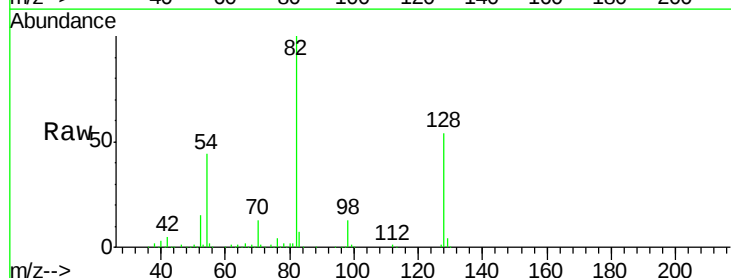
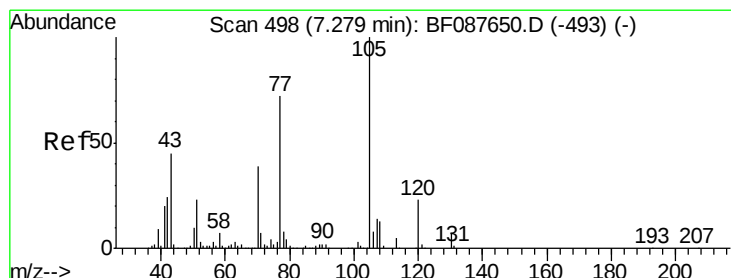
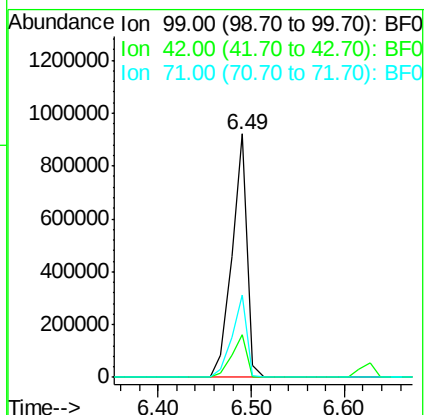
Tgt Ion: 99 Resp: 1041544

Ion Ratio Lower Upper

99 100

42 17.6 12.2 18.2

71 34.0 23.4 35.0



#19

n-Nitroso-di-n-propylamine

Concen: 18.95 ng

RT: 7.43 min Scan# 511

Delta R.T. 0.15 min

Lab File: BF087725.D

Acq: 5 Jun 2016 23:52

Tgt Ion: 70 Resp: 100044

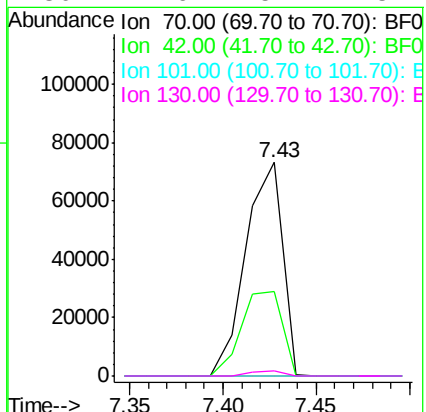
Ion Ratio Lower Upper

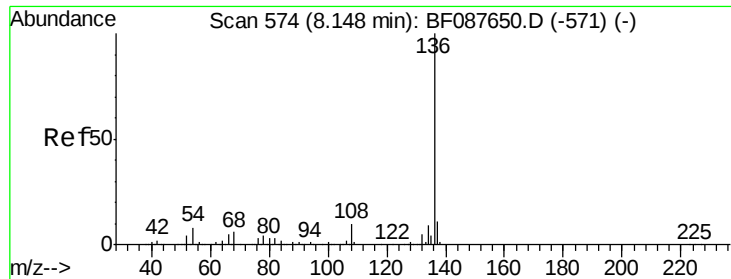
70 100

42 39.8 49.6 74.4#

101 0.0 7.1 10.7#

130 2.6 15.4 23.2#

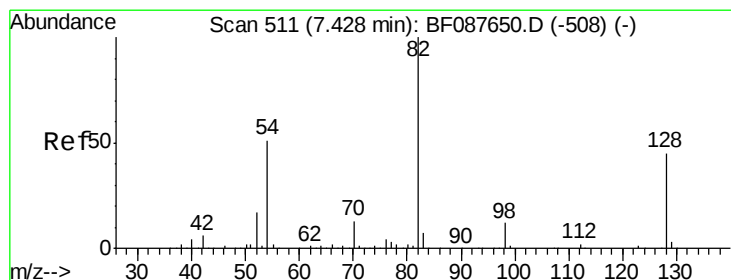
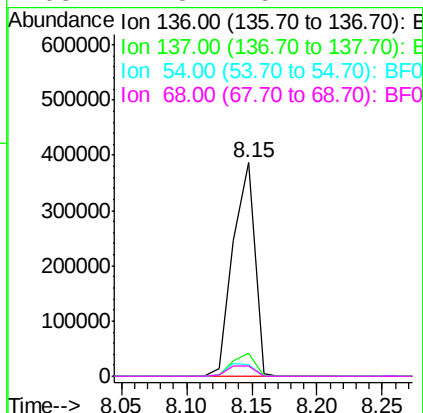
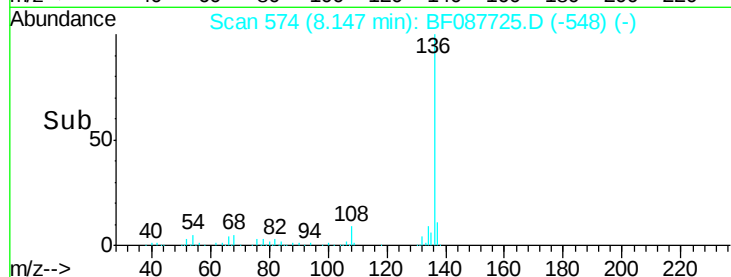
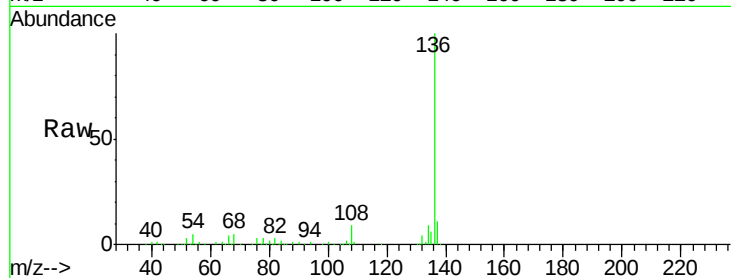




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF087725.D
Acq: 5 Jun 2016 23:52

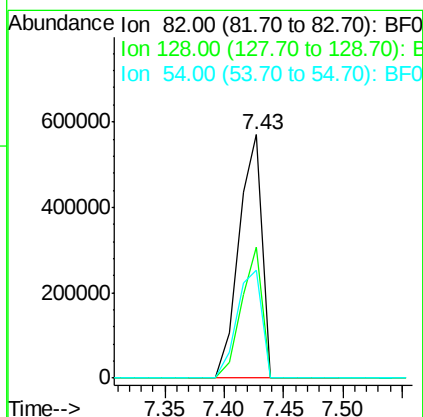
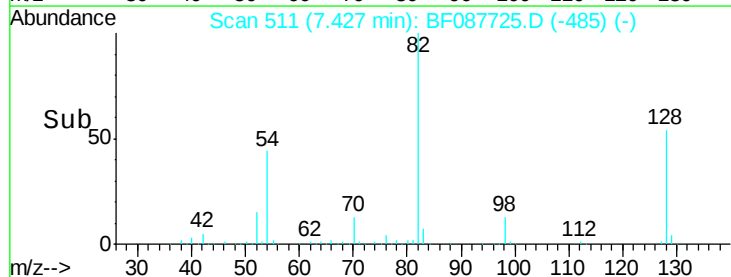
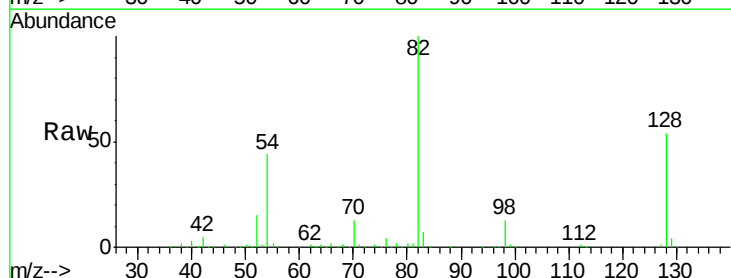
Instrument :
BNA_F
ClientSampleId :
SB-7

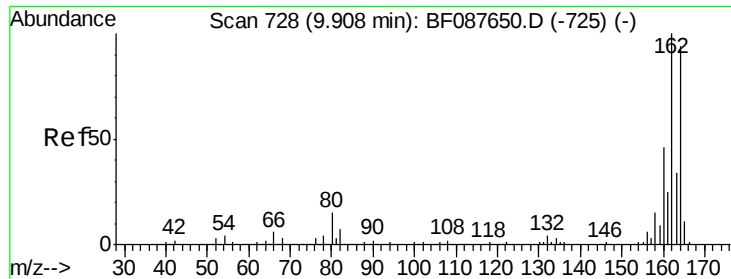
Tgt Ion: 136 Resp: 448322
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 5.5 6.6 10.0#
68 4.8 5.1 7.7#



#23
Nitrobenzene-d5
Concen: 98.68 ng
RT: 7.43 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF087725.D
Acq: 5 Jun 2016 23:52

Tgt Ion: 82 Resp: 764638
Ion Ratio Lower Upper
82 100
128 53.8 35.9 53.9
54 44.4 40.9 61.3

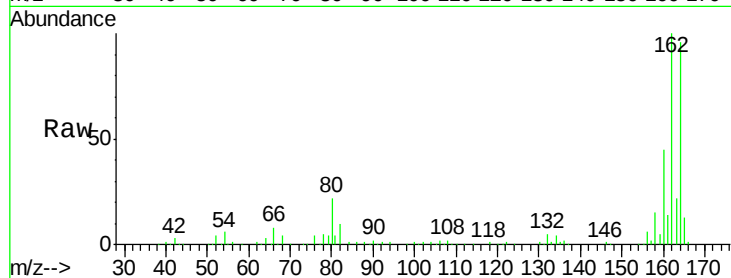




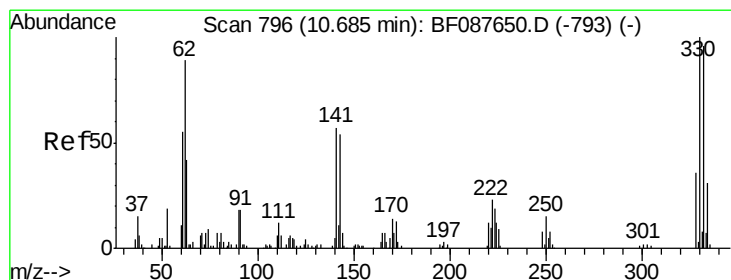
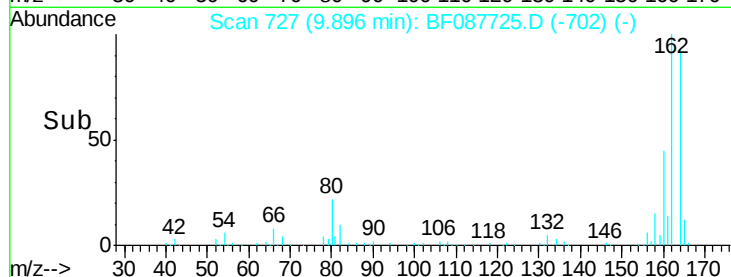
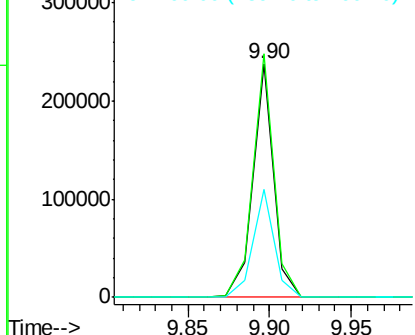
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: BF087725.D
 Acq: 5 Jun 2016 23:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-7

Tgt Ion:164 Resp: 209094
 Ion Ratio Lower Upper
 164 100
 162 104.1 85.4 128.2
 160 46.3 39.5 59.3

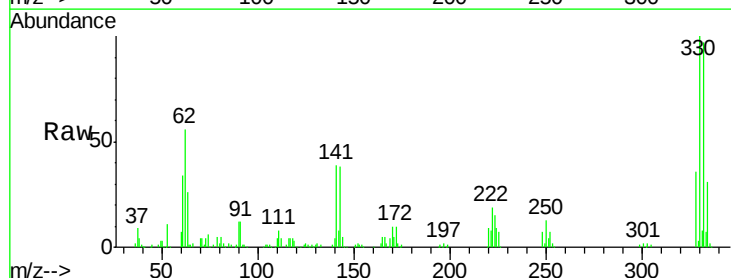


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

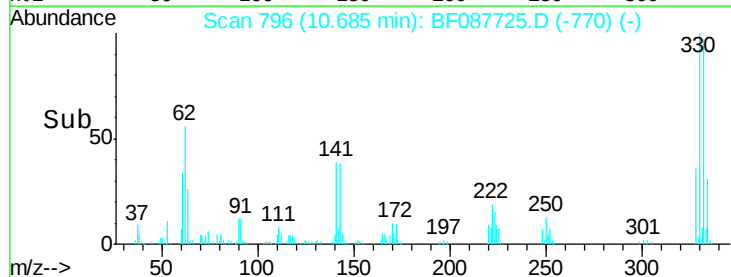
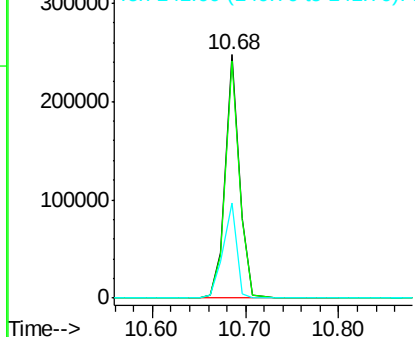


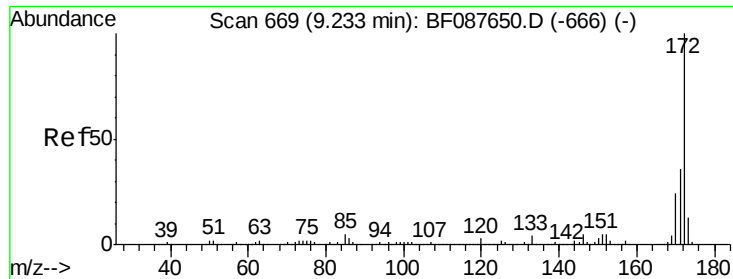
#41
 2,4,6-Tribromophenol
 Concen: 125.71 ng
 RT: 10.68 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF087725.D
 Acq: 5 Jun 2016 23:52

Tgt Ion:330 Resp: 263845
 Ion Ratio Lower Upper
 330 100
 332 97.2 0.0 0.0#
 141 36.9 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

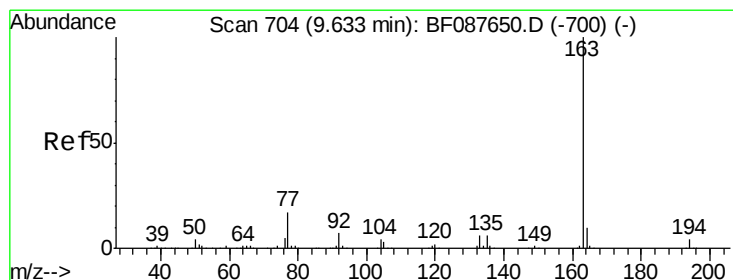
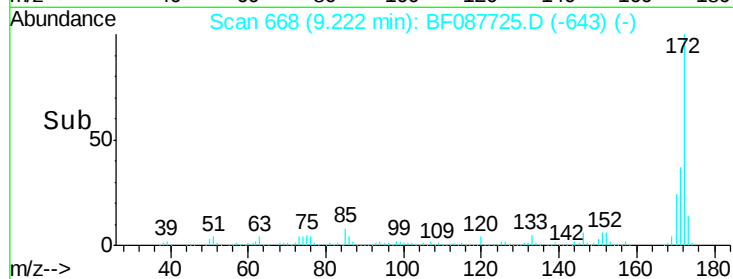
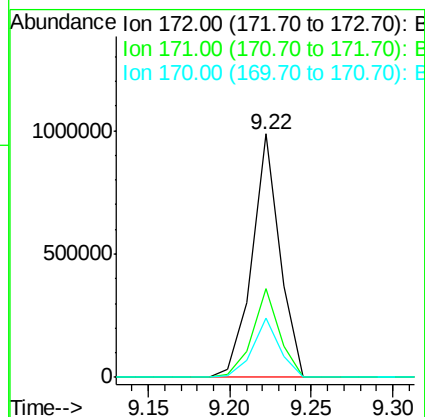
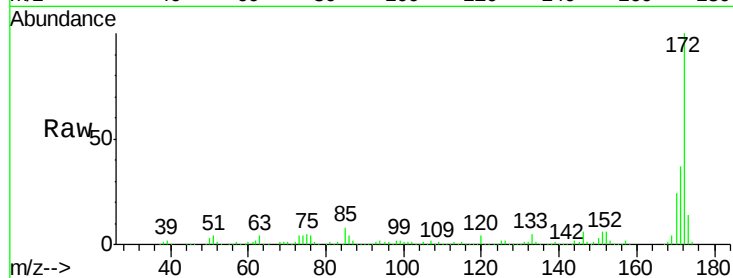




#44
2-Fluorobiphenyl
Concen: 85.23 ng
RT: 9.22 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF087725.D
Acq: 5 Jun 2016 23:52

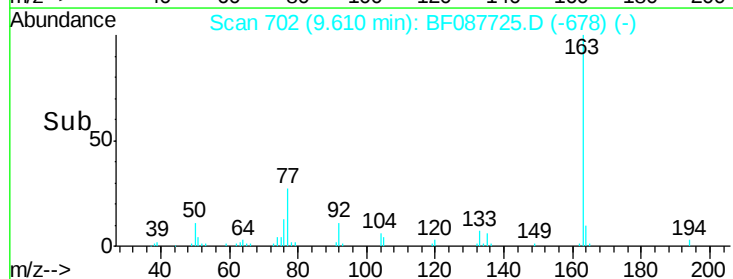
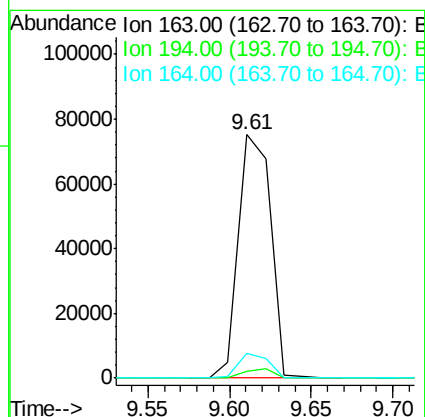
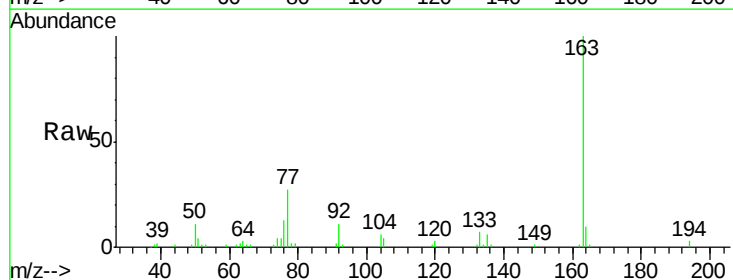
Instrument :
BNA_F
ClientSampled :
SB-7

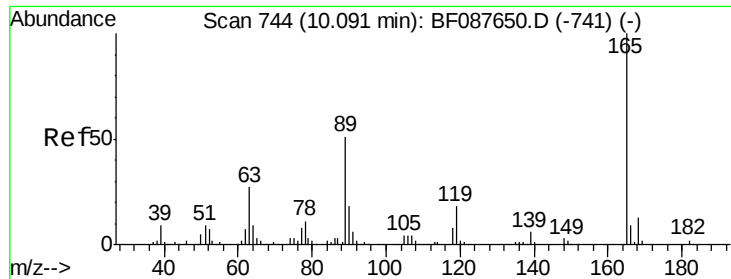
Tgt Ion:172 Resp: 1160072
Ion Ratio Lower Upper
172 100
171 36.6 28.6 43.0
170 24.1 19.2 28.8



#49
Dimethylphthalate
Concen: 6.74 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF087725.D
Acq: 5 Jun 2016 23:52

Tgt Ion:163 Resp: 102513
Ion Ratio Lower Upper
163 100
194 3.0 2.8 4.2
164 10.4 8.3 12.5

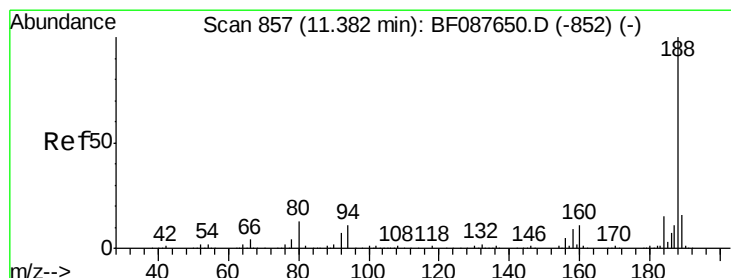
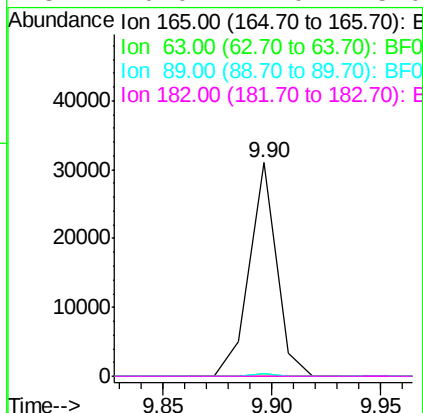
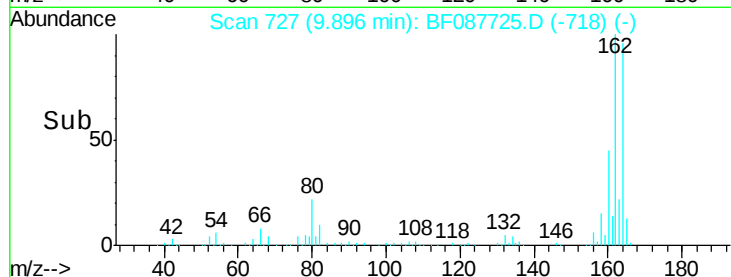
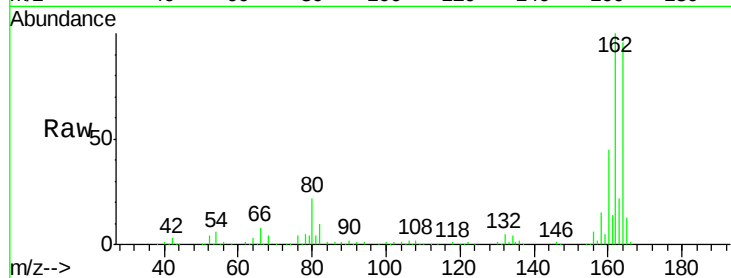




#56
 2,4-Dinitrotoluene
 Concen: 6.14 ng
 RT: 9.90 min Scan# 727
 Delta R.T. -0.19 min
 Lab File: BF087725.D
 Acq: 5 Jun 2016 23:52

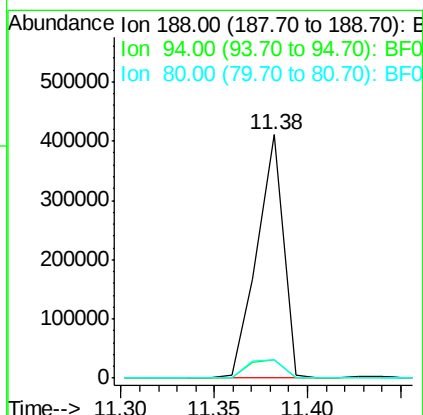
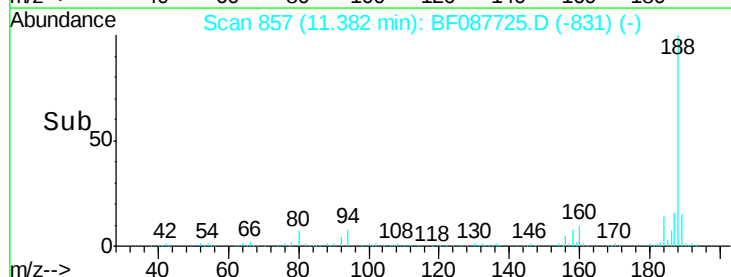
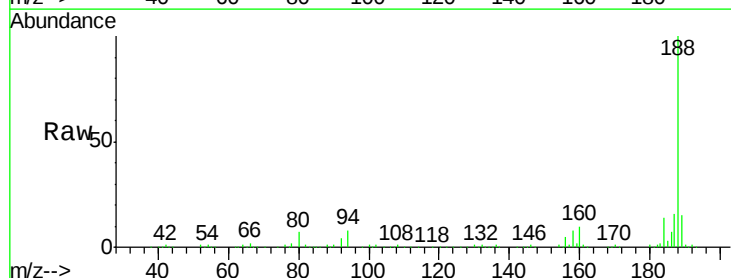
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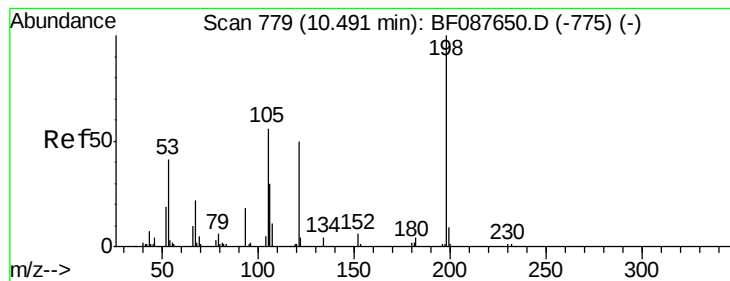
Tgt Ion:165 Resp: 27052
 Ion Ratio Lower Upper
 165 100
 63 1.3 22.0 33.0#
 89 1.5 41.1 61.7#
 182 0.0 2.0 3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: BF087725.D
 Acq: 5 Jun 2016 23:52

Tgt Ion:188 Resp: 404984
 Ion Ratio Lower Upper
 188 100
 94 7.7 9.0 13.6#
 80 7.5 10.0 15.0#





#64

4,6-Dinitro-2-methylphenol

Concen: 2.19 ng

RT: 10.68 min Scan# 796

Delta R.T. 0.19 min

Lab File: BF087725.D

Acq: 5 Jun 2016 23:52

Instrument :

BNA_F

ClientSampleId :

SB-7

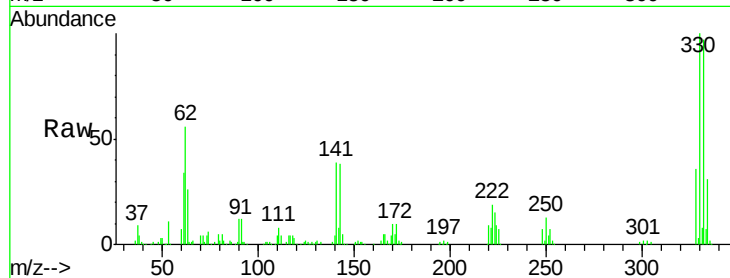
Tgt Ion:198 Resp: 422

Ion Ratio Lower Upper

198 100

51 172.2 39.6 79.6#

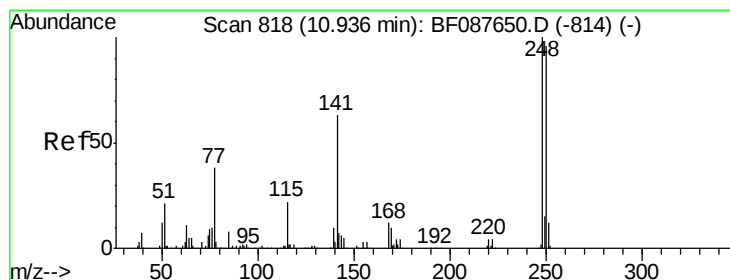
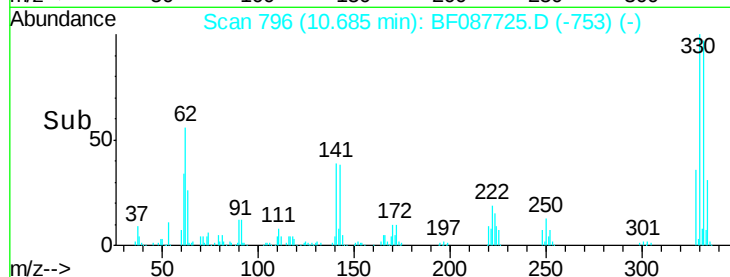
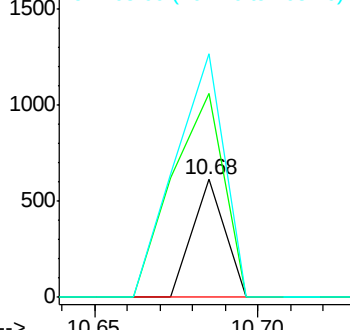
105 206.2 36.6 76.6#



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: 3.86 ng

RT: 10.68 min Scan# 796

Delta R.T. -0.25 min

Lab File: BF087725.D

Acq: 5 Jun 2016 23:52

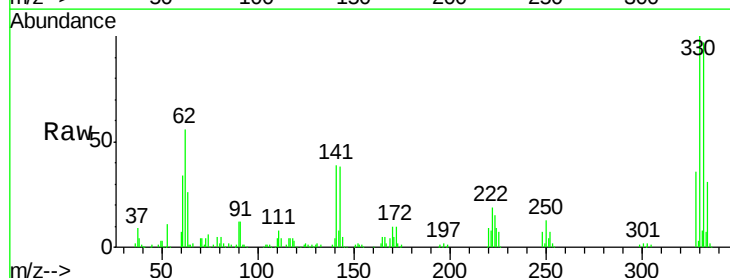
Tgt Ion:248 Resp: 15500

Ion Ratio Lower Upper

248 100

250 204.5 77.1 115.7#

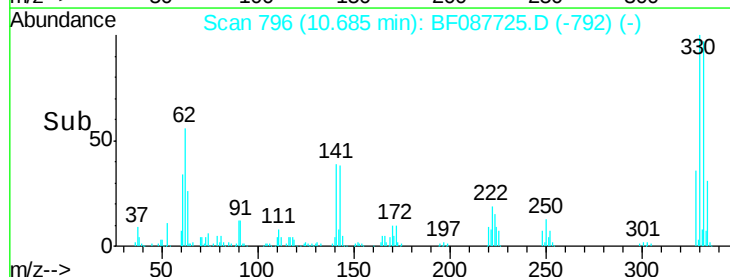
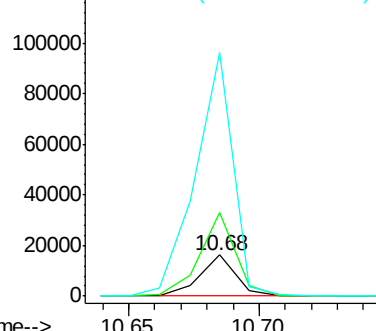
141 591.2 50.6 76.0#

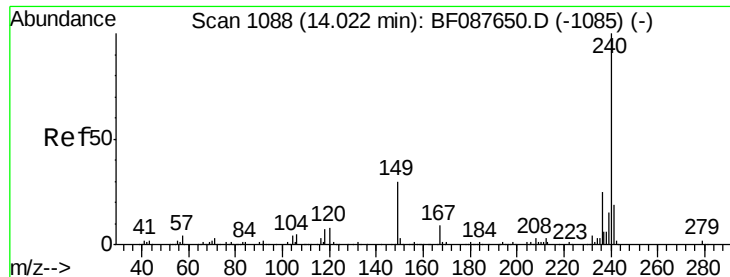


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF087725.D

Acq: 5 Jun 2016 23:52

Instrument :

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ClientSampleId :

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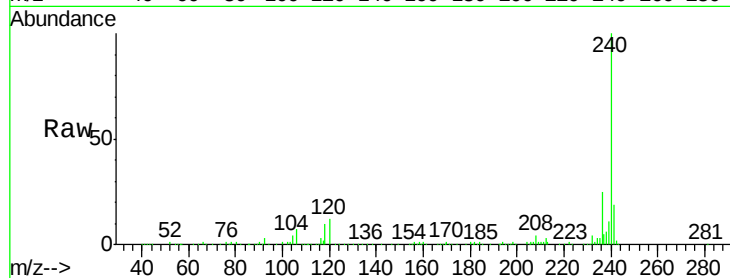
Tgt Ion:240 Resp: 301920

Ion Ratio Lower Upper

240 100

120 11.8 6.8 10.2#

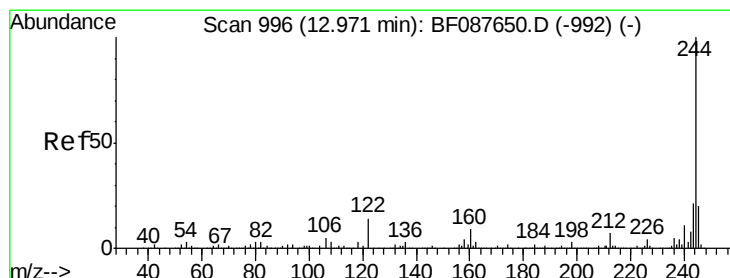
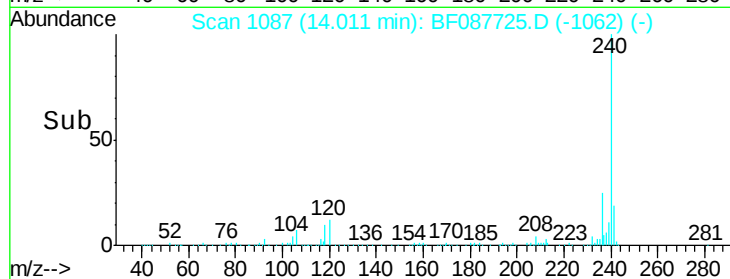
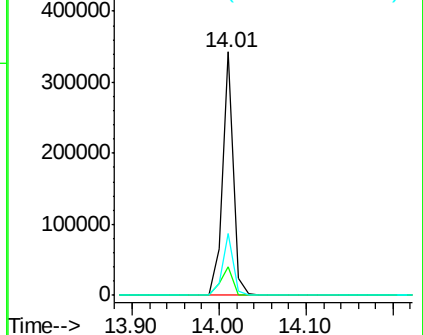
236 25.5 20.2 30.2



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: 80.47 ng

RT: 12.97 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF087725.D

Acq: 5 Jun 2016 23:52

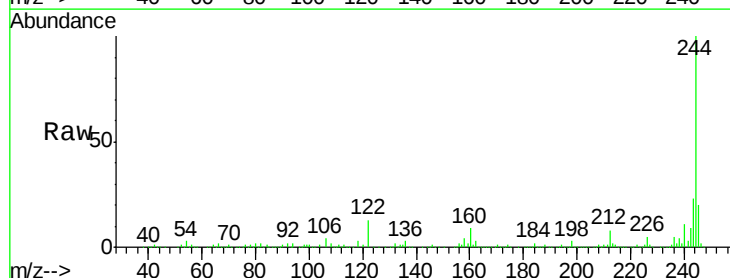
Tgt Ion:244 Resp: 995668

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

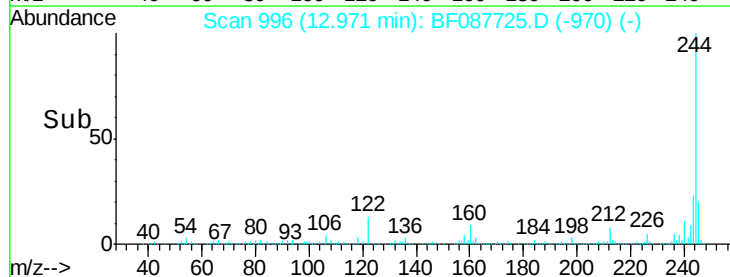
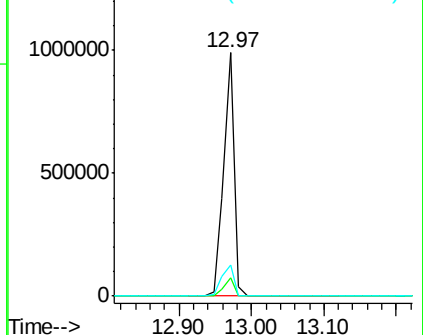
122 12.8 11.2 16.8

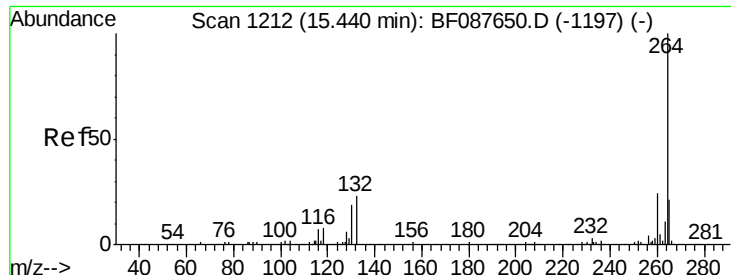


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

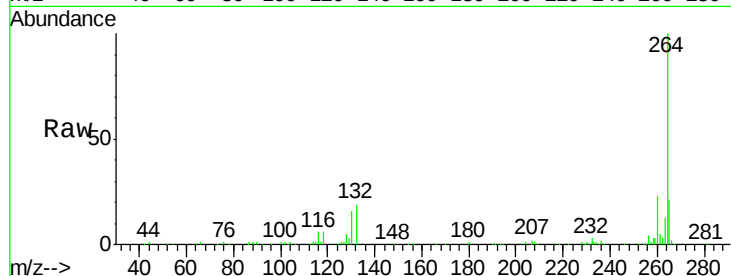




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF087725.D
Acq: 5 Jun 2016 23:52

Instrument :
BNA_F
ClientSampleId :
SB-7

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.3	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

