

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060716\
 Data File : BF087805.D
 Acq On : 8 Jun 2016 00:17
 Operator : UM/SJ
 Sample : H3379-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-11

Quant Time: Jun 08 04:58:05 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 18:51:55 2016
 Response via : Initial Calibration

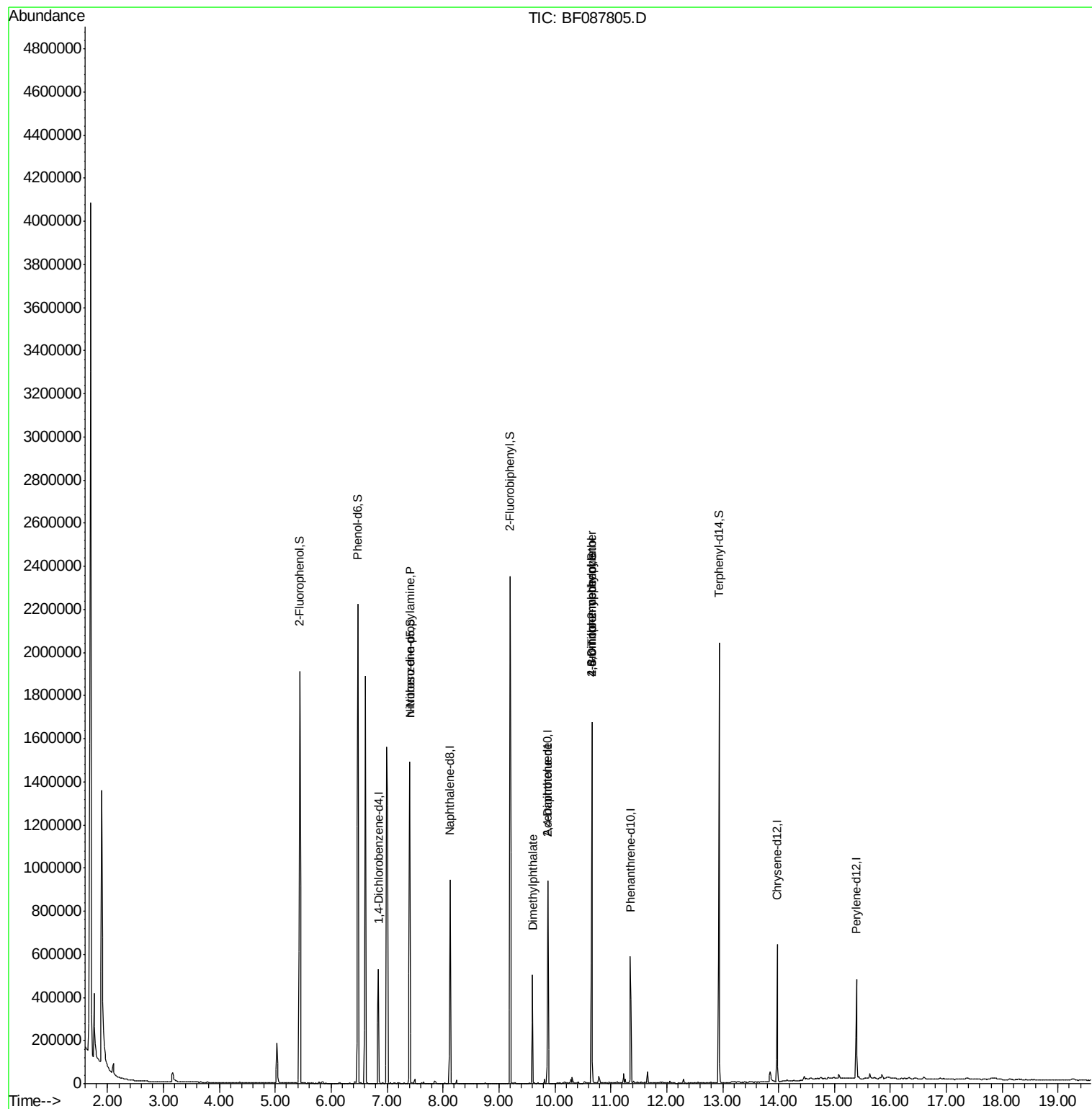
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	99721	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	397075	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	174473	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	276728	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	201224	20.00	ng	-0.01
86) Perylene-d12	15.39	264	198880	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	751092	128.76	ng	0.01
7) Phenol-d6	6.48	99	925201	130.87	ng	0.00
23) Nitrobenzene-d5	7.40	82	537777	79.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	197089	106.98	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	915973	82.30	ng	-0.01
78) Terphenyl-d14	12.94	244	606136	68.55	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	11022	Below Cal		Qvalue 97
19) n-Nitroso-di-n-propylamine	7.40	70	70652	15.62 ng	#	74
45) 1,1'-Biphenyl	9.20	154	1595	Below Cal	#	1
49) Dimethylphthalate	9.60	163	268356	21.23 ng		98
56) 2,4-Dinitrotoluene	9.87	165	22282	5.99 ng	#	37
57) Fluorene	10.66	166	9806	Below Cal	#	87
64) 4,6-Dinitro-2-methylphenol	10.66	198	396	2.38 ng	#	1
66) 4-Bromophenyl-phenylether	10.66	248	12831	4.32 ng	#	1

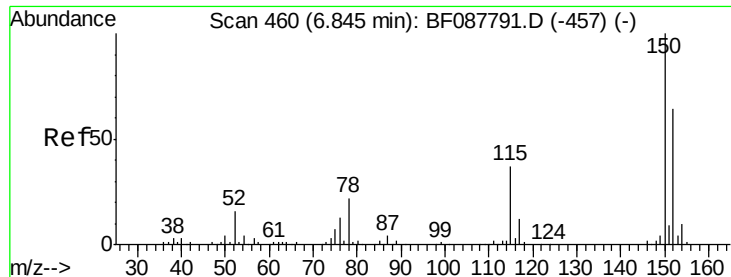
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 460

Delta R.T. -0.00 min

Lab File: BF087805.D

Acq: 8 Jun 2016 00:17

Instrument :

BNA_F

ClientSampleId :

SS-11

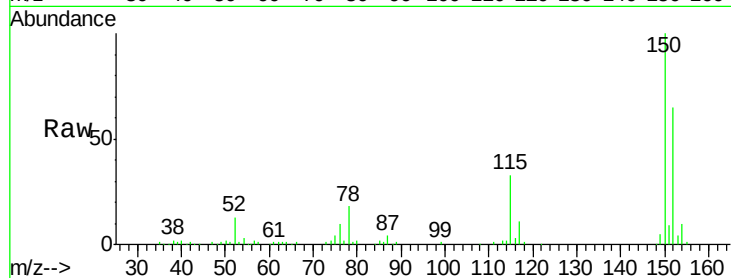
Tgt Ion:152 Resp: 99721

Ion Ratio Lower Upper

152 100

150 154.0 123.8 185.6

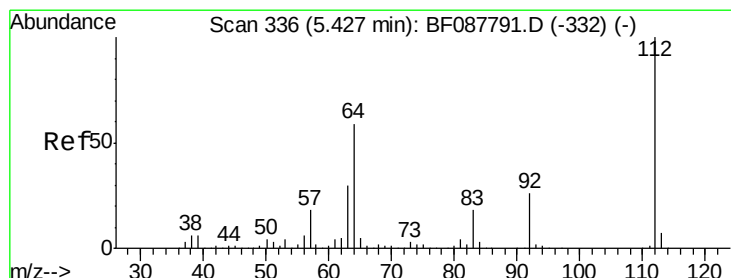
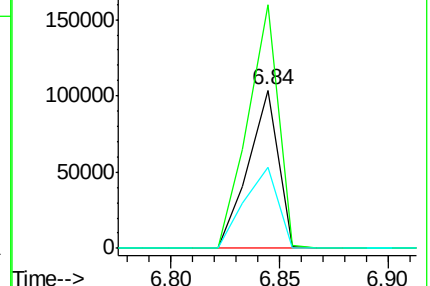
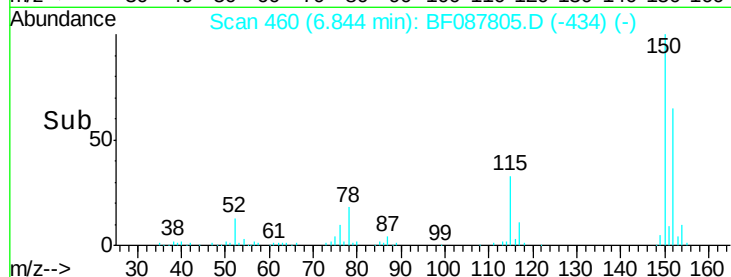
115 51.3 39.6 59.4



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: 128.76 ng

RT: 5.44 min Scan# 337

Delta R.T. 0.01 min

Lab File: BF087805.D

Acq: 8 Jun 2016 00:17

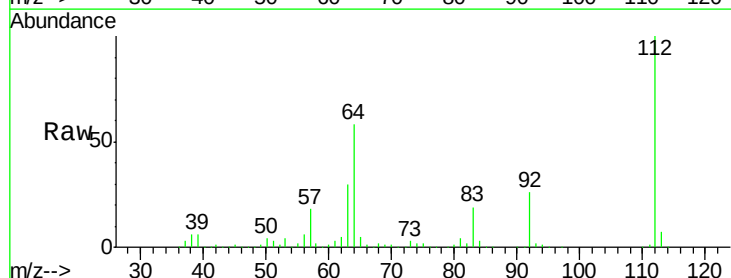
Tgt Ion:112 Resp: 751092

Ion Ratio Lower Upper

112 100

64 57.8 42.2 63.2

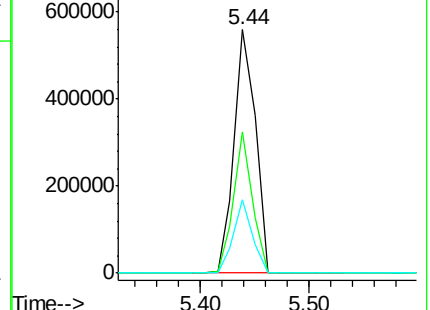
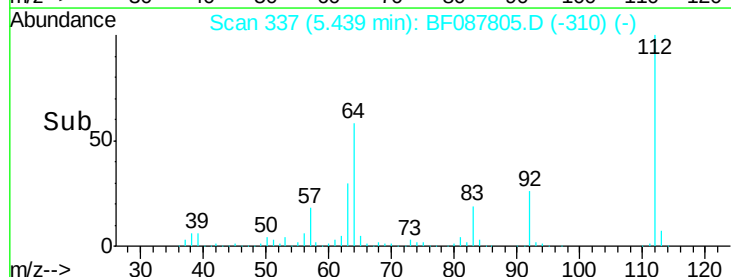
63 30.3 21.8 32.8

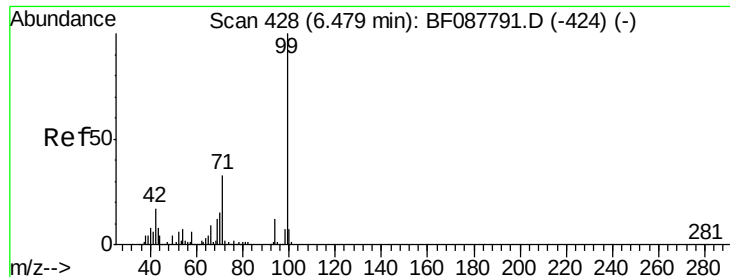


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 130.87 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF087805.D

Acq: 8 Jun 2016 00:17

Instrument :

BNA_F

ClientSampleId :

SS-11

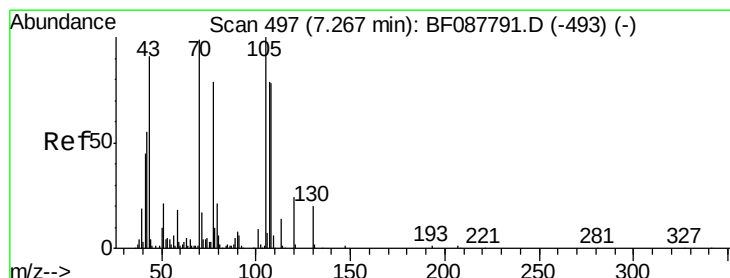
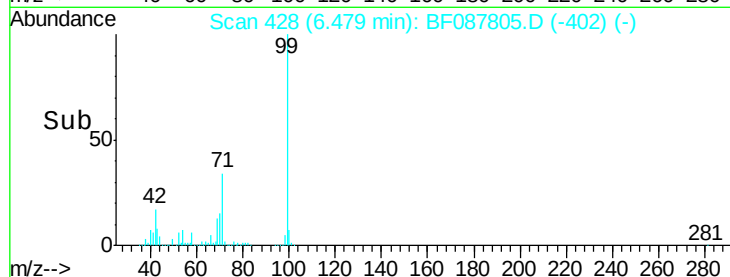
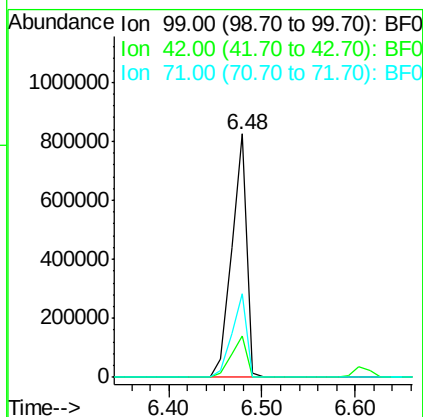
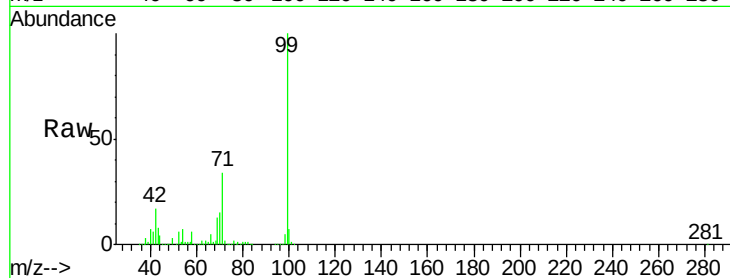
Tgt Ion: 99 Resp: 925201

Ion Ratio Lower Upper

99 100

42 16.8 12.2 18.2

71 34.2 23.4 35.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.62 ng

RT: 7.40 min Scan# 509

Delta R.T. 0.14 min

Lab File: BF087805.D

Acq: 8 Jun 2016 00:17

Tgt Ion: 70 Resp: 70652

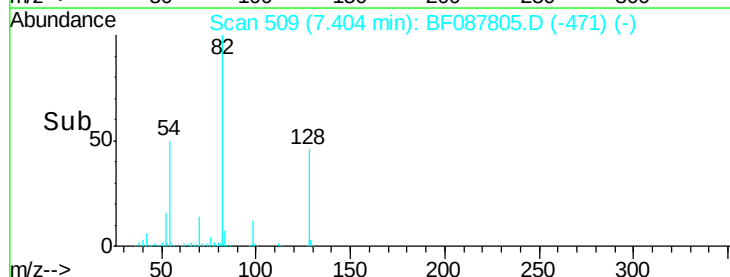
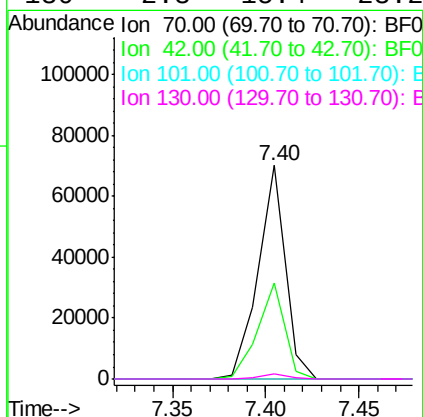
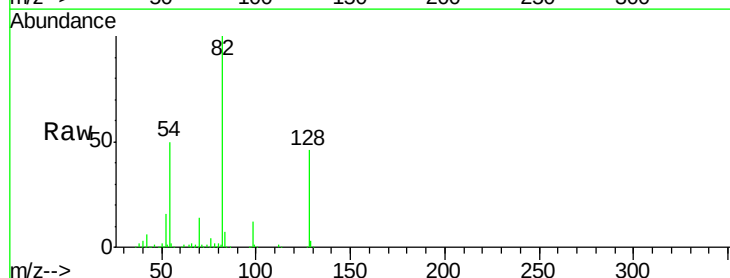
Ion Ratio Lower Upper

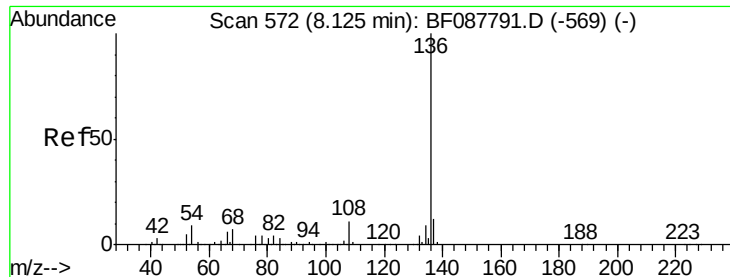
70 100

42 44.8 49.6 74.4#

101 0.0 7.1 10.7#

130 2.3 15.4 23.2#

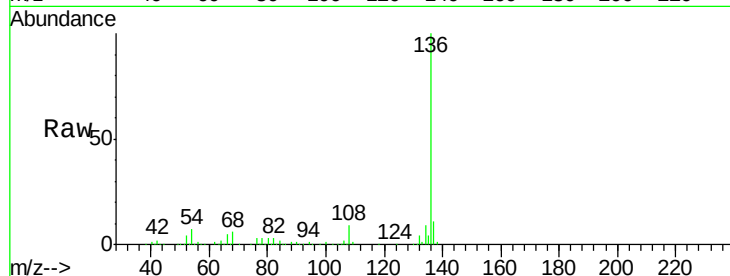




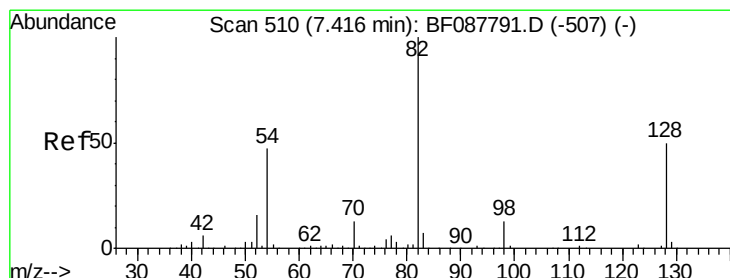
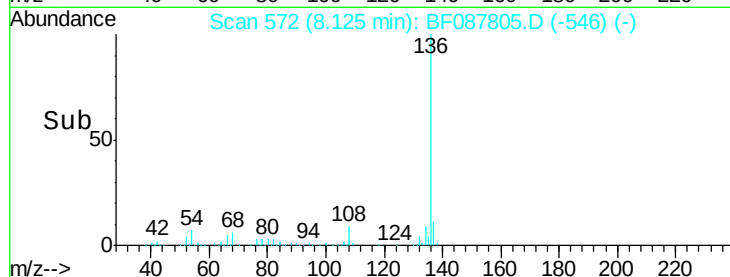
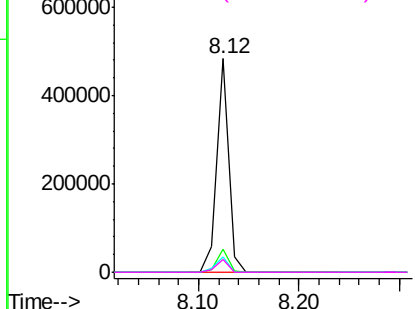
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 572
Delta R.T. -0.00 min
Lab File: BF087805.D
Acq: 8 Jun 2016 00:17

Instrument :
BNA_F
ClientSampleId :
SS-11

Tgt Ion:	136	Resp:	397075
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	7.3	6.6	10.0
68	5.9	5.1	7.7

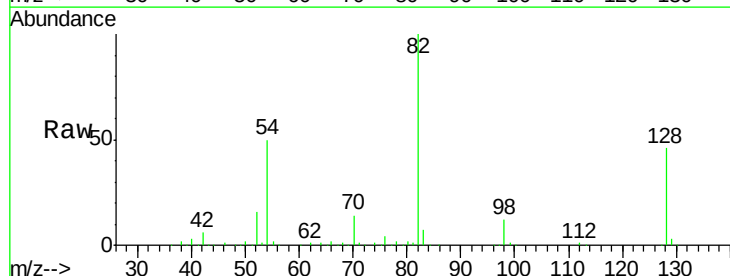


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

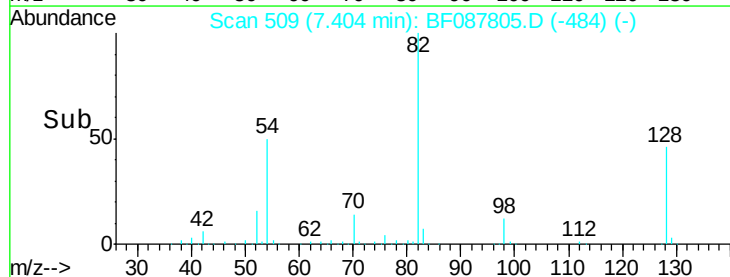
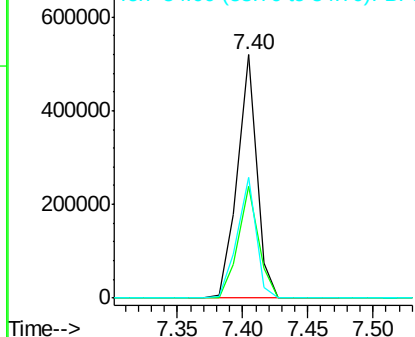


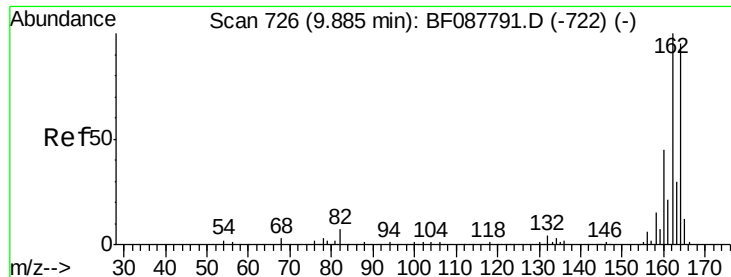
#23
Nitrobenzene-d5
Concen: 79.09 ng
RT: 7.40 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF087805.D
Acq: 8 Jun 2016 00:17

Tgt Ion:	82	Resp:	537777
Ion	Ratio	Lower	Upper
82	100		
128	45.7	35.9	53.9
54	49.6	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: 9.87 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF087805.D

Acq: 8 Jun 2016 00:17

Instrument :

BNA_F

ClientSampleId :

SS-11

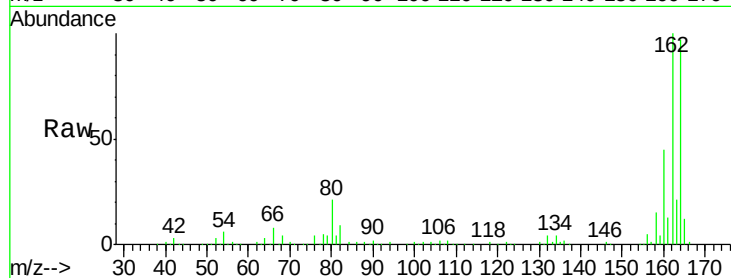
Tgt Ion:164 Resp: 174473

Ion Ratio Lower Upper

164 100

162 103.5 85.4 128.2

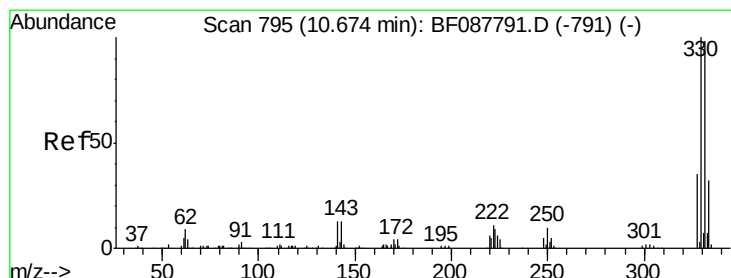
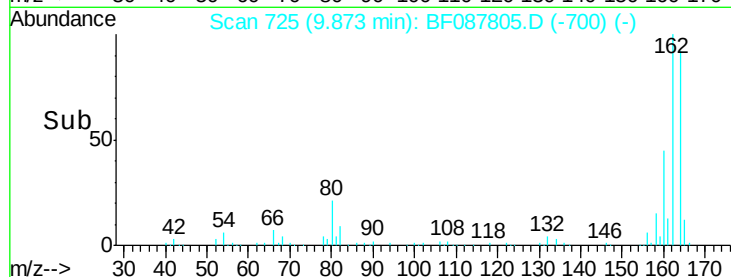
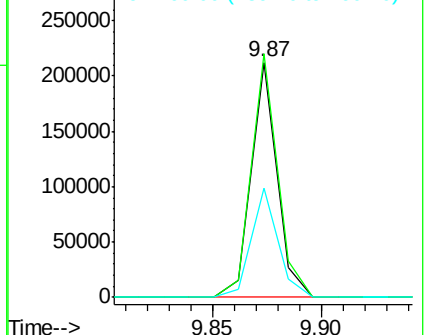
160 46.4 39.5 59.3



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: 106.98 ng

RT: 10.66 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF087805.D

Acq: 8 Jun 2016 00:17

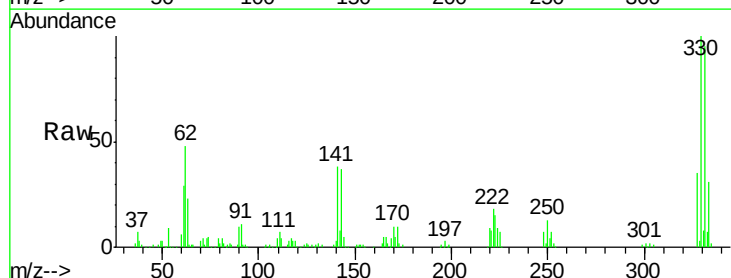
Tgt Ion:330 Resp: 197089

Ion Ratio Lower Upper

330 100

332 95.1 0.0 0.0#

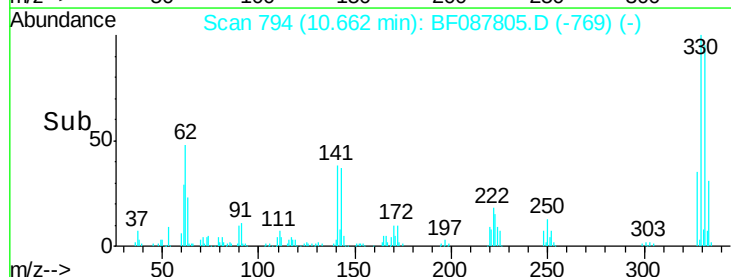
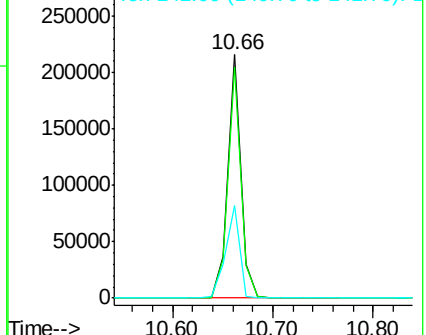
141 40.3 0.0 0.0#

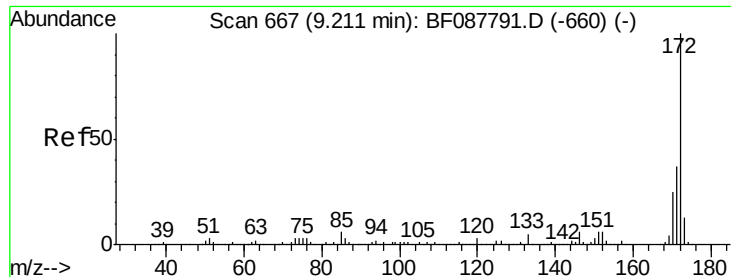


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

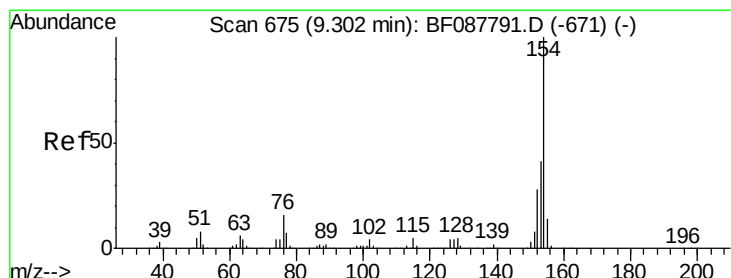
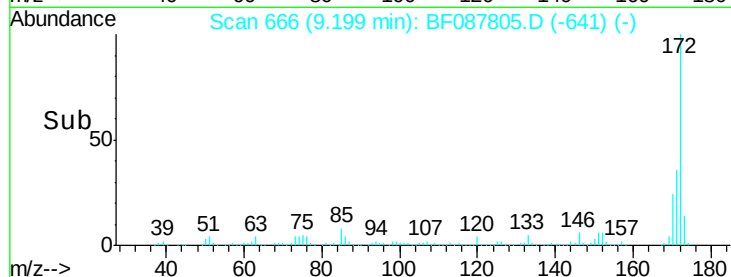
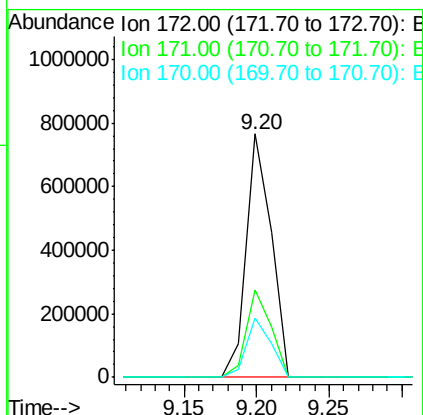
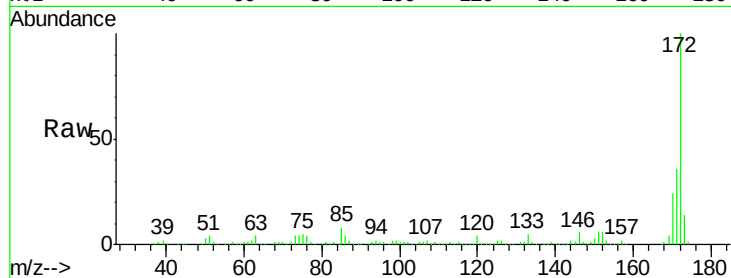




#44
 2-Fluorobiphenyl
 Concen: 82.30 ng
 RT: 9.20 min Scan# 666
 Delta R.T. -0.01 min
 Lab File: BF087805.D
 Acq: 8 Jun 2016 00:17

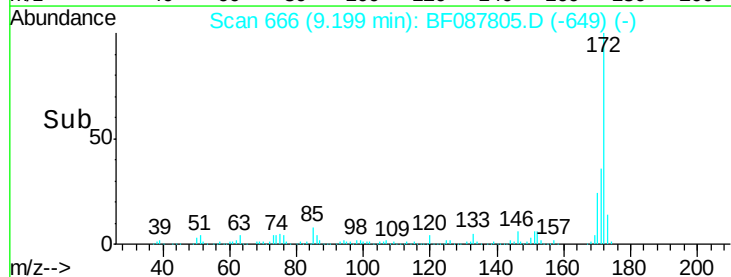
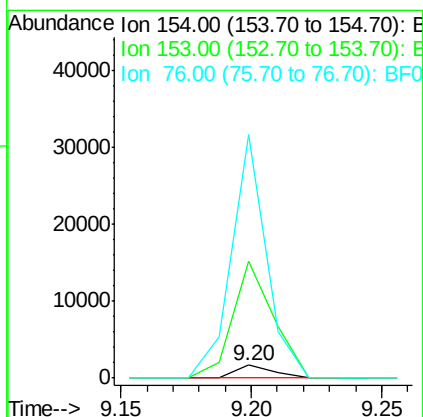
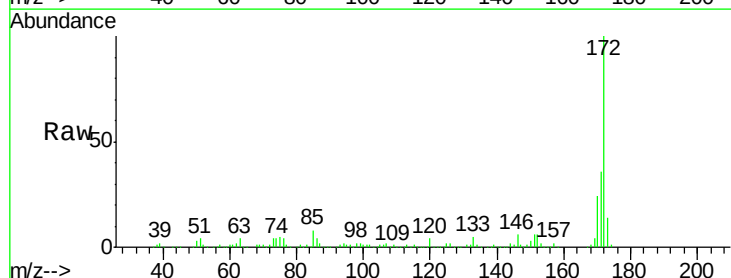
Instrument :
 BNA_F
 ClientSampleID :
 SS-11

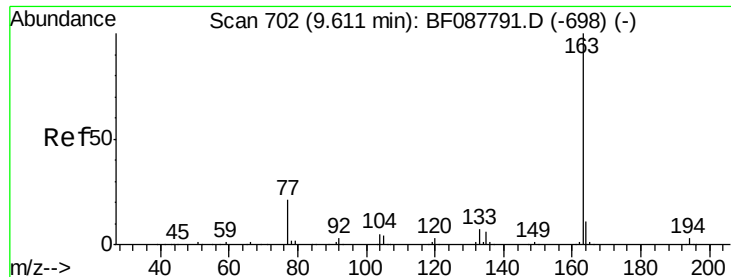
Tgt Ion:172 Resp: 915973
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 43.0
 170 24.4 19.2 28.8



#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 9.20 min Scan# 666
 Delta R.T. -0.10 min
 Lab File: BF087805.D
 Acq: 8 Jun 2016 00:17

Tgt Ion:154 Resp: 1595
 Ion Ratio Lower Upper
 154 100
 153 914.3 20.6 60.6#
 76 1906.2 0.0 35.1#





#49

Dimethylphthalate

Concen: 21.23 ng

RT: 9.60 min Scan# 701

Delta R.T. -0.01 min

Lab File: BF087805.D

Acq: 8 Jun 2016 00:17

Instrument :

BNA_F

ClientSampleId :

SS-11

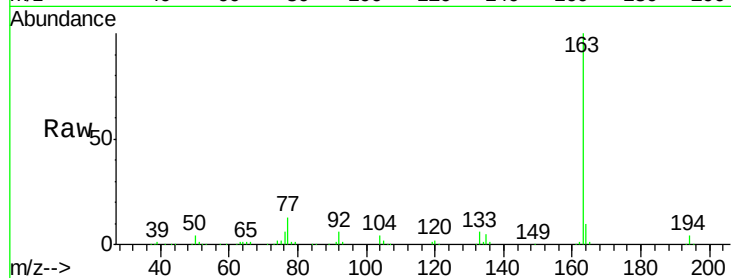
Tgt Ion:163 Resp: 268356

Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

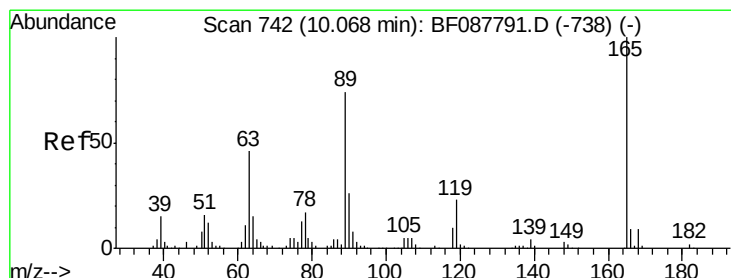
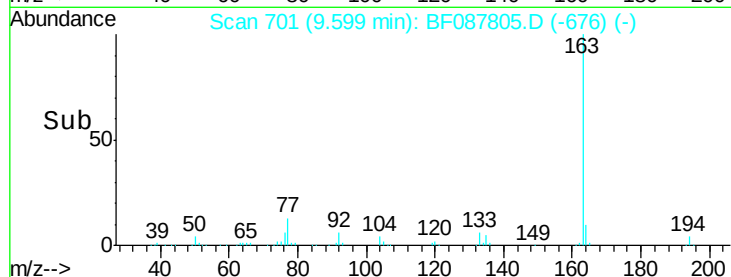
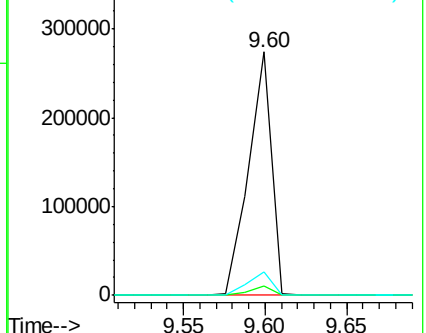
164 9.6 8.3 12.5



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: 5.99 ng

RT: 9.87 min Scan# 725

Delta R.T. -0.19 min

Lab File: BF087805.D

Acq: 8 Jun 2016 00:17

Tgt Ion:165 Resp: 22282

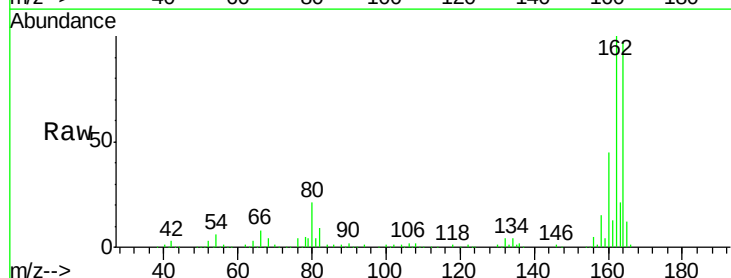
Ion Ratio Lower Upper

165 100

63 1.2 22.0 33.0#

89 1.1 41.1 61.7#

182 0.0 2.0 3.0#

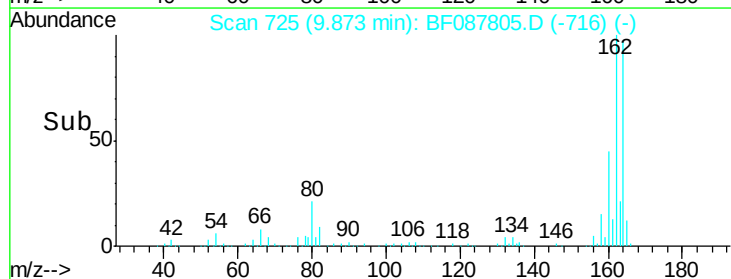
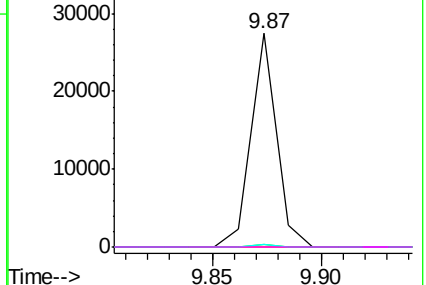


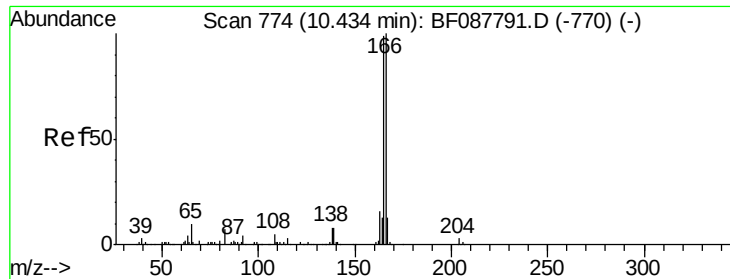
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: Below Cal

RT: 10.66 min Scan# 794

Delta R.T. 0.23 min

Lab File: BF087805.D

Acq: 8 Jun 2016 00:17

Instrument :

BNA_F

ClientSampled :

SS-11

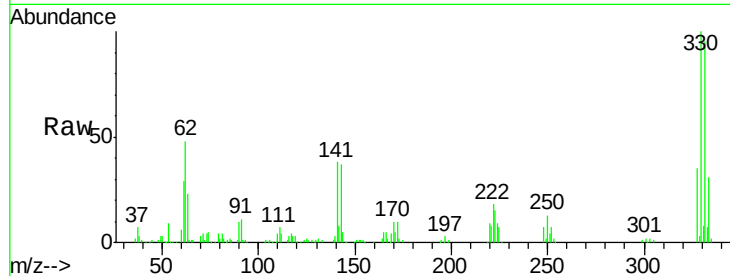
Tgt Ion:166 Resp: 9806

Ion Ratio Lower Upper

166 100

165 105.0 77.8 116.8

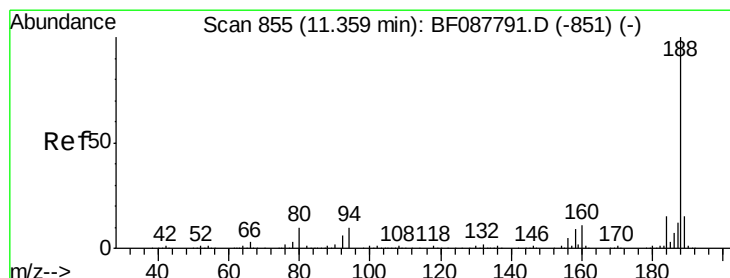
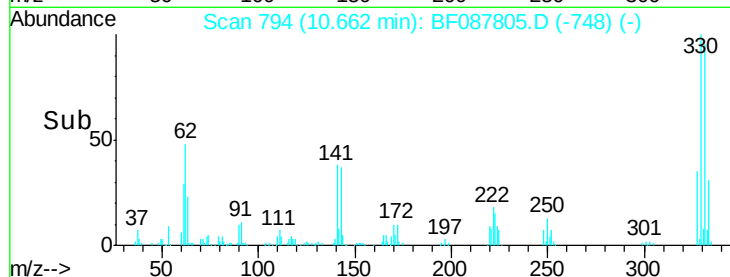
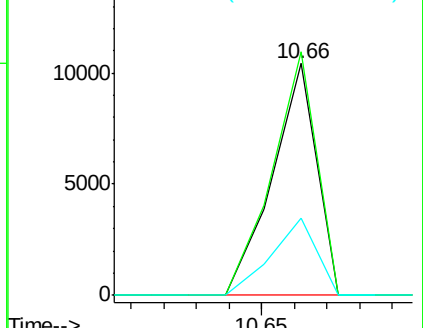
167 33.5 11.2 16.8#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.35 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF087805.D

Acq: 8 Jun 2016 00:17

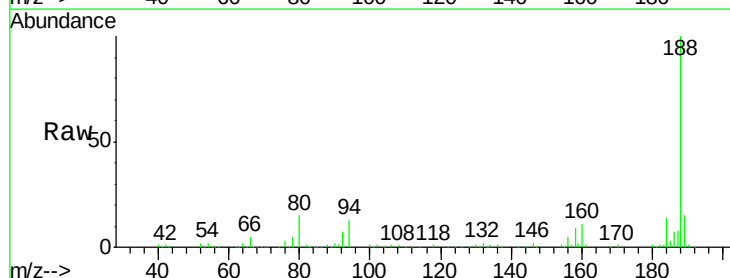
Tgt Ion:188 Resp: 276728

Ion Ratio Lower Upper

188 100

94 13.5 9.0 13.6

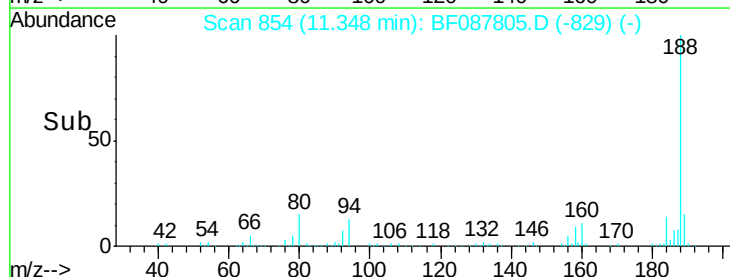
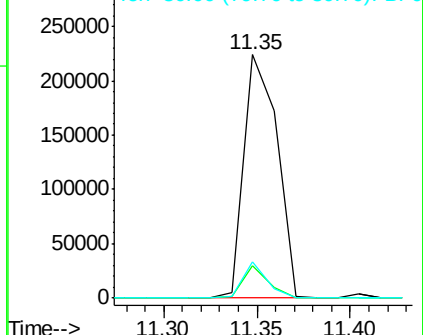
80 14.7 10.0 15.0

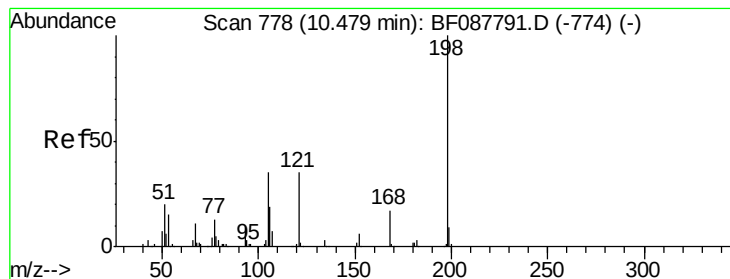


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 2.38 ng

RT: 10.66 min Scan# 794

Delta R.T. 0.18 min

Lab File: BF087805.D

Acq: 8 Jun 2016 00:17

Instrument :

BNA_F

ClientSampleId :

SS-11

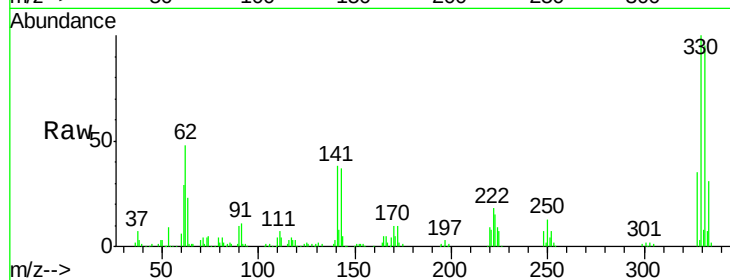
Tgt Ion:198 Resp: 396

Ion Ratio Lower Upper

198 100

51 140.0 39.6 79.6#

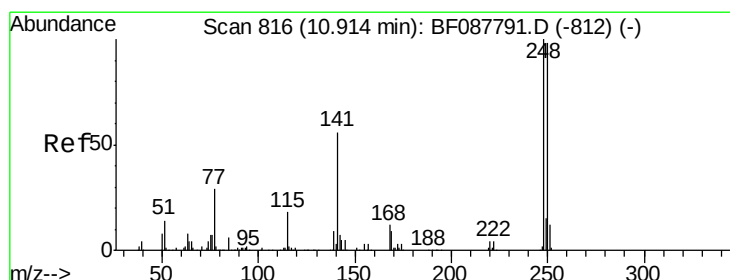
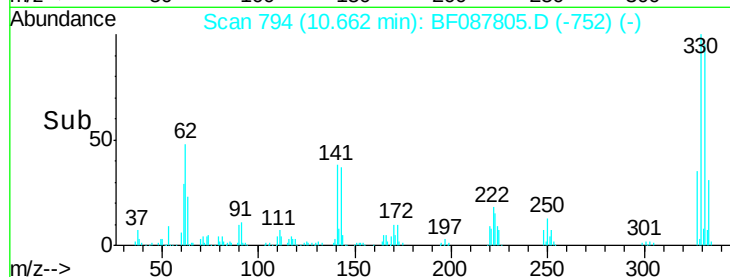
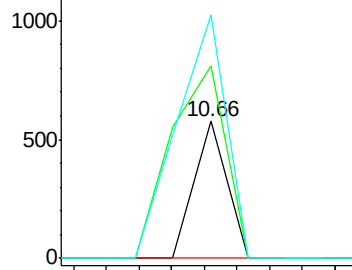
105 177.8 36.6 76.6#



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: 4.32 ng

RT: 10.66 min Scan# 794

Delta R.T. -0.25 min

Lab File: BF087805.D

Acq: 8 Jun 2016 00:17

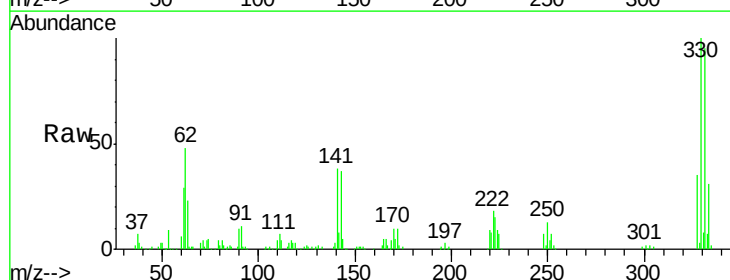
Tgt Ion:248 Resp: 12831

Ion Ratio Lower Upper

248 100

250 197.6 77.1 115.7#

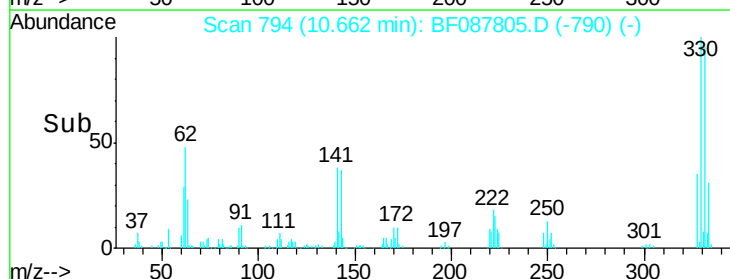
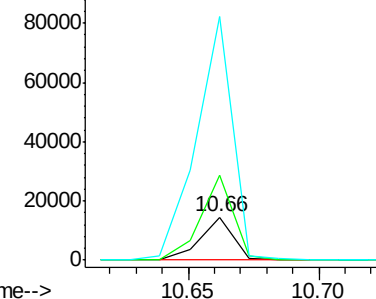
141 562.6 50.6 76.0#

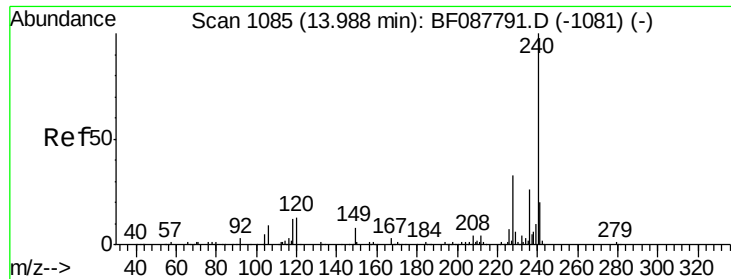


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.98 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BF087805.D

Acq: 8 Jun 2016 00:17

Instrument :

BNA_F

ClientSampleId :

SS-11

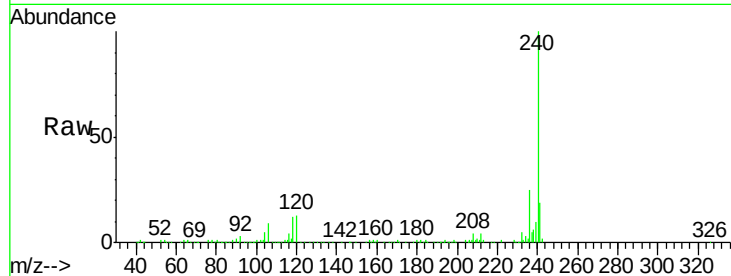
Tgt Ion:240 Resp: 201224

Ion Ratio Lower Upper

240 100

120 13.1 6.8 10.2#

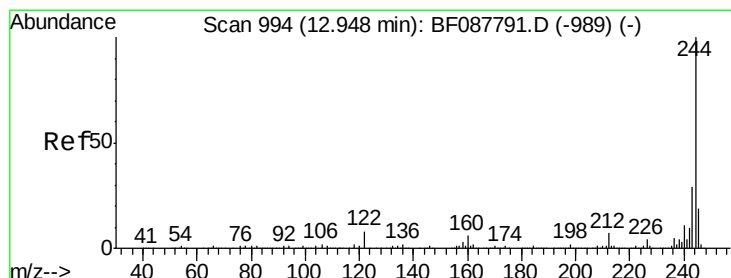
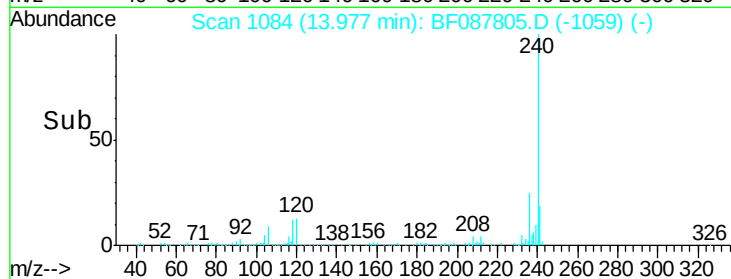
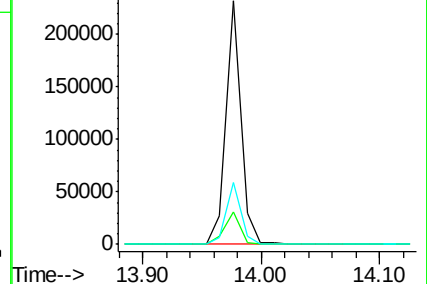
236 25.5 20.2 30.2



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: 68.55 ng

RT: 12.94 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF087805.D

Acq: 8 Jun 2016 00:17

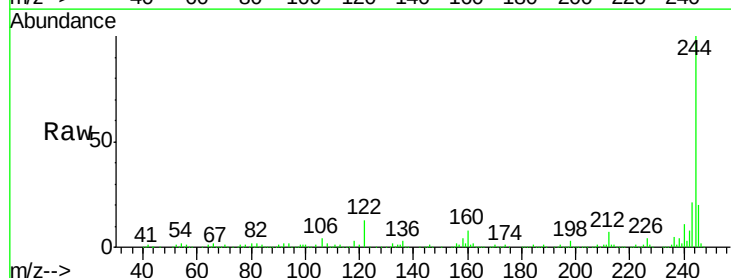
Tgt Ion:244 Resp: 606136

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

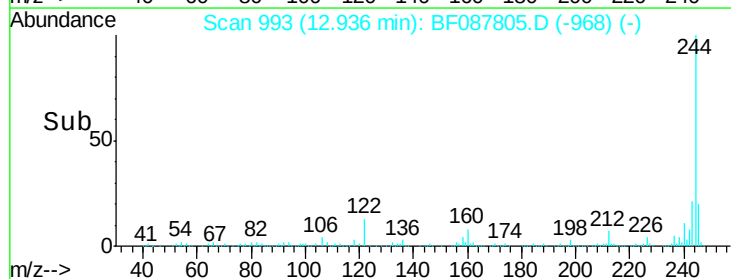
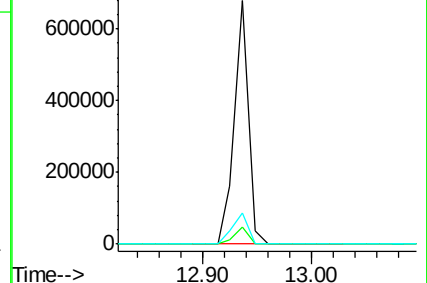
122 13.0 11.2 16.8

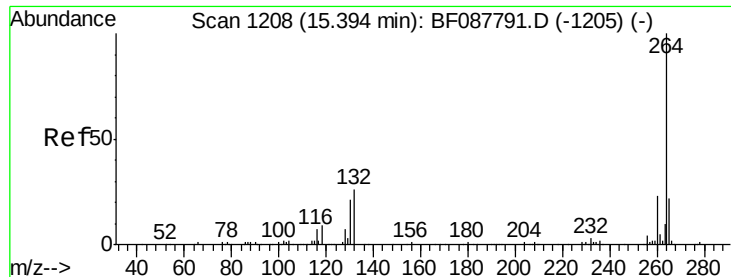


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.39 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BF087805.D
Acq: 8 Jun 2016 00:17

Instrument :
BNA_F
ClientSampleId :
SS-11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.9	16.9	25.3

