

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070216\
 Data File : BF088625.D
 Acq On : 2 Jul 2016 19:06
 Operator : UM/SJ
 Sample : H3847-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B400(0-11)C

Quant Time: Jul 03 03:04:23 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

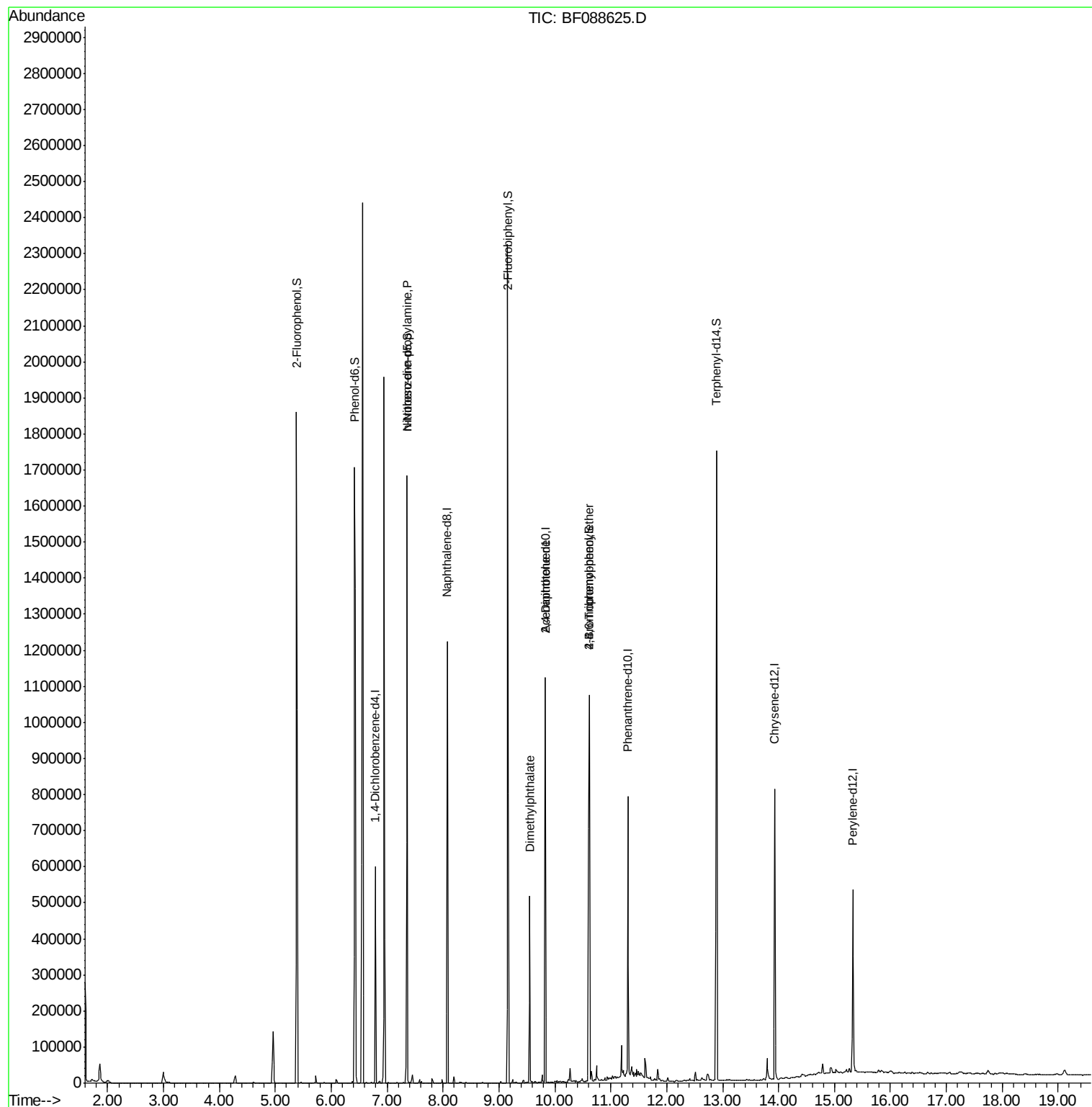
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	117397	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	485985	20.00	ng	-0.02
38) Acenaphthene-d10	9.83	164	195577	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	291314	20.00	ng	-0.02
75) Chrysene-d12	13.93	240	236332	20.00	ng	-0.02
86) Perylene-d12	15.33	264	234016	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	660080	84.27	ng	-0.02
7) Phenol-d6	6.42	99	897627	88.68	ng	-0.02
23) Nitrobenzene-d5	7.36	82	590273	63.65	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	156254	86.04	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	770699	62.25	ng	-0.02
78) Terphenyl-d14	12.89	244	490549	46.23	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	79347	11.67	ng	# 70
49) Dimethylphthalate	9.55	163	236364	16.96	ng	99
56) 2,4-Dinitrotoluene	9.83	165	25249	6.25	ng	# 38
66) 4-Bromophenyl-phenylether	10.62	248	10339	3.52	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: 6.79 min Scan# 455

Delta R.T. -0.02 min

Lab File: BF088625.D

Acq: 2 Jul 2016 19:06

Instrument :

BNA_F

ClientSampleId :

S4-B400(0-11)C

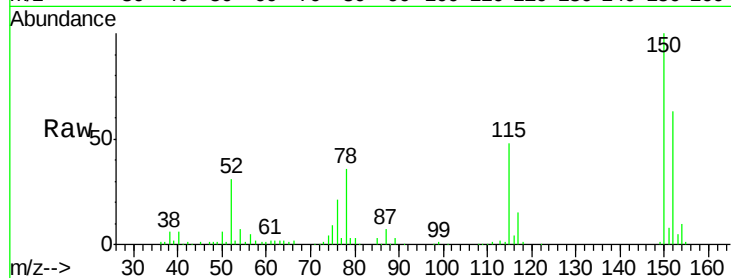
Tgt Ion:152 Resp: 117397

Ion Ratio Lower Upper

152 100

150 158.4 123.8 185.6

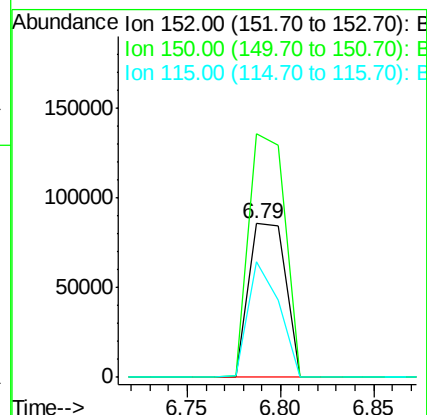
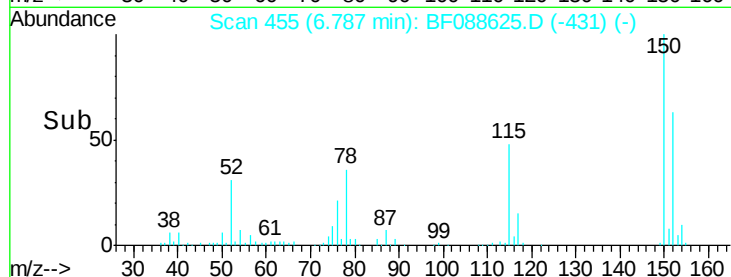
115 75.6 39.6 59.4#



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: 84.27 ng

RT: 5.38 min Scan# 332

Delta R.T. -0.02 min

Lab File: BF088625.D

Acq: 2 Jul 2016 19:06

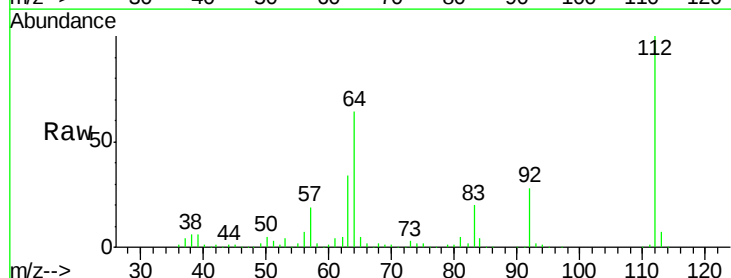
Tgt Ion:112 Resp: 660080

Ion Ratio Lower Upper

112 100

64 64.5 42.2 63.2#

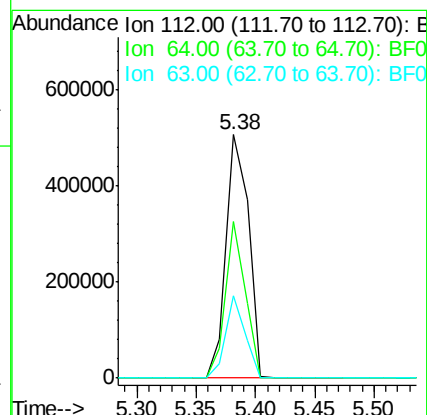
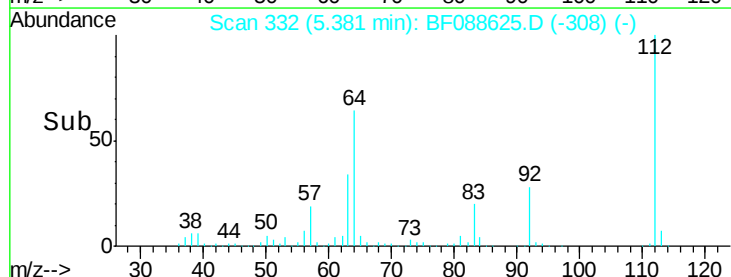
63 33.6 21.8 32.8#



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: 88.68 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF088625.D

Acq: 2 Jul 2016 19:06

Instrument :

BNA_F

ClientSampleId :

S4-B400(0-11)C

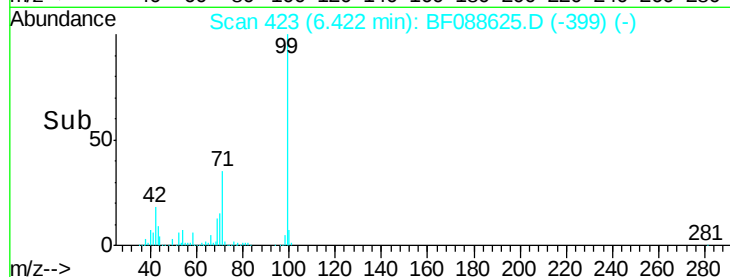
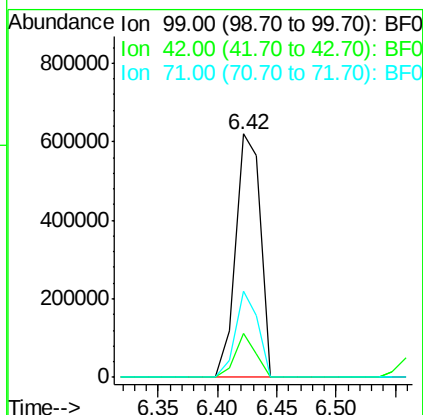
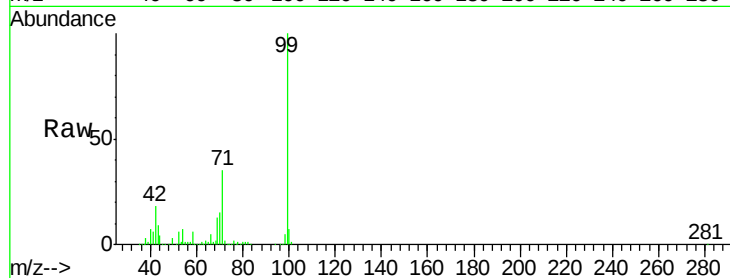
Tgt Ion: 99 Resp: 897627

Ion Ratio Lower Upper

99 100

42 17.9 12.2 18.2

71 35.4 23.4 35.0#



#19

n-Nitroso-di-n-propylamine

Concen: 11.67 ng

RT: 7.36 min Scan# 505

Delta R.T. 0.13 min

Lab File: BF088625.D

Acq: 2 Jul 2016 19:06

Tgt Ion: 70 Resp: 79347

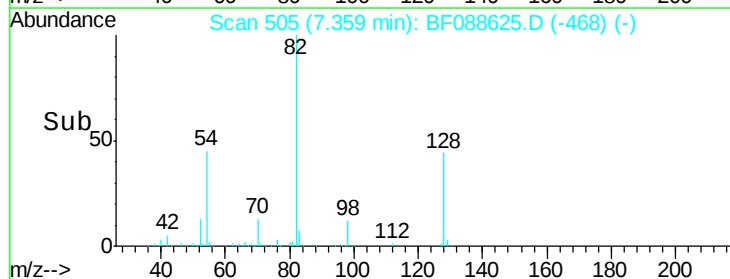
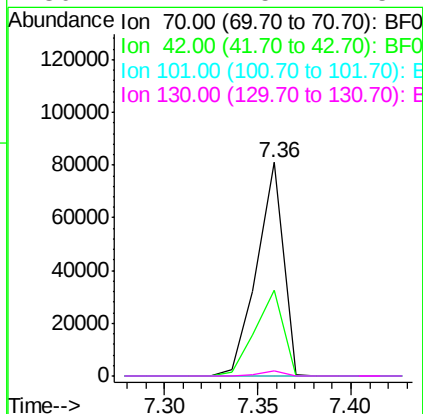
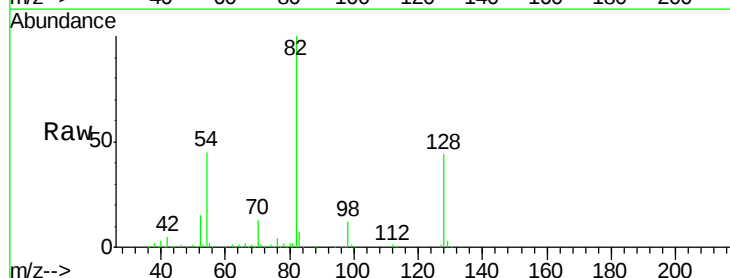
Ion Ratio Lower Upper

70 100

42 40.0 49.6 74.4#

101 0.0 7.1 10.7#

130 2.2 15.4 23.2#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 568

Delta R.T. -0.02 min

Lab File: BF088625.D

Acq: 2 Jul 2016 19:06

Instrument :

BNA_F

ClientSampleId :

S4-B400(0-11)C

Tgt Ion:136 Resp: 485985

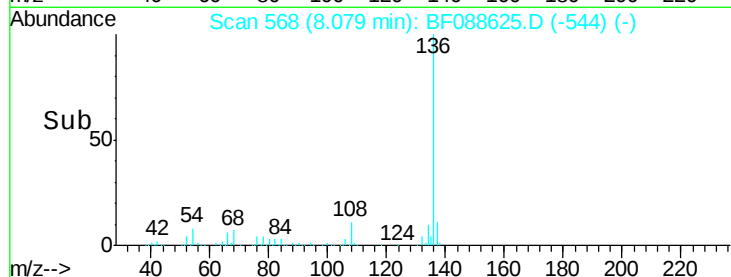
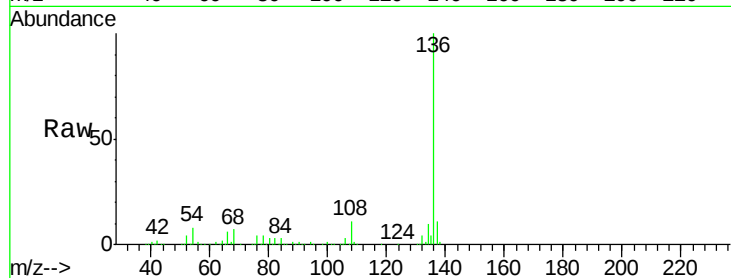
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.6 6.6 10.0

68 6.6 5.1 7.7

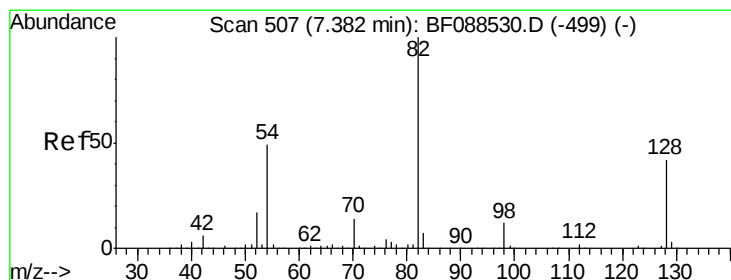
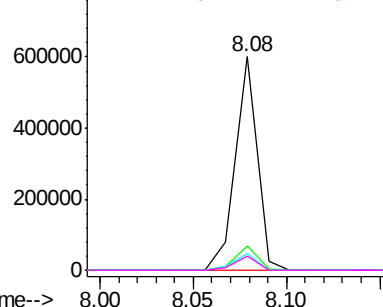


Abundance Ion 136.00 (135.70 to 136.70): E

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: 63.65 ng

RT: 7.36 min Scan# 505

Delta R.T. -0.02 min

Lab File: BF088625.D

Acq: 2 Jul 2016 19:06

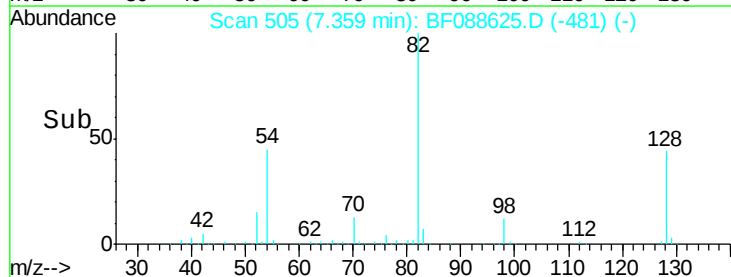
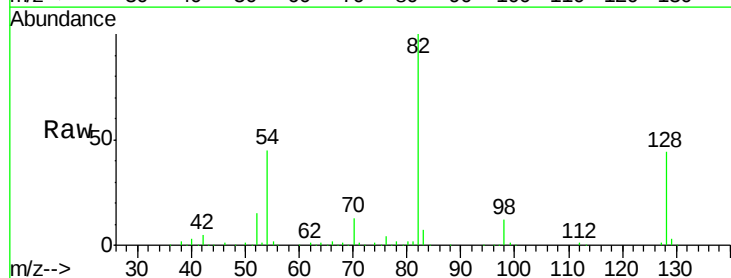
Tgt Ion: 82 Resp: 590273

Ion Ratio Lower Upper

82 100

128 43.8 35.9 53.9

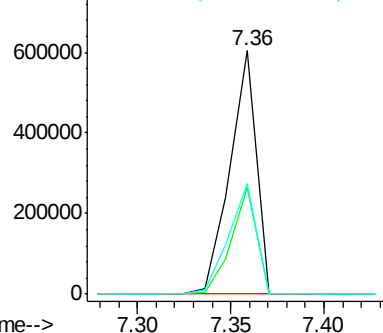
54 45.2 40.9 61.3

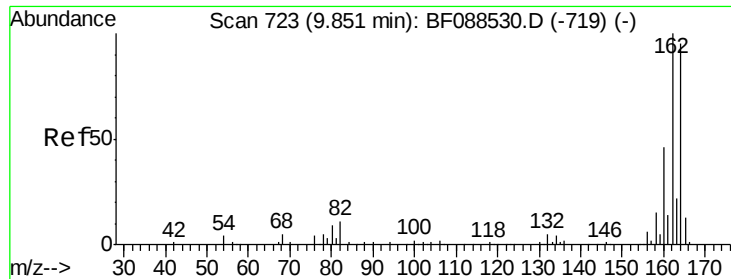


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

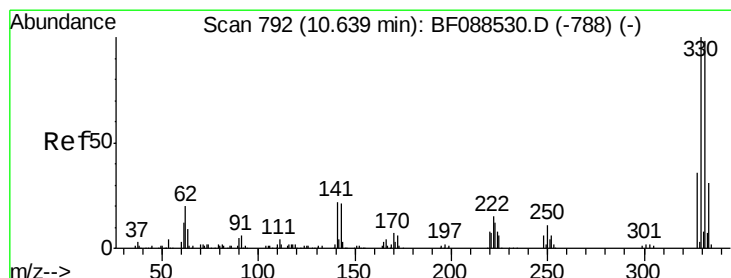
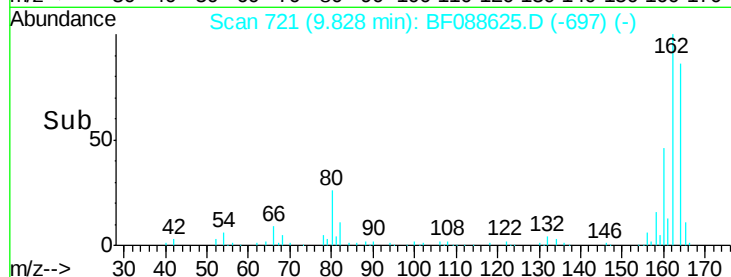
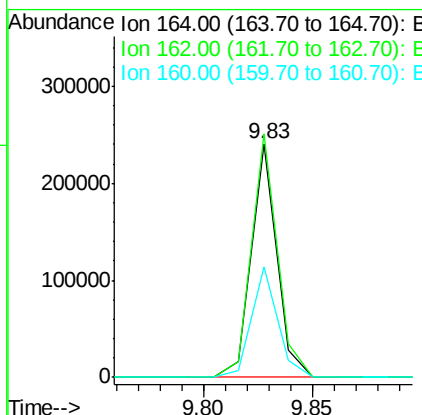
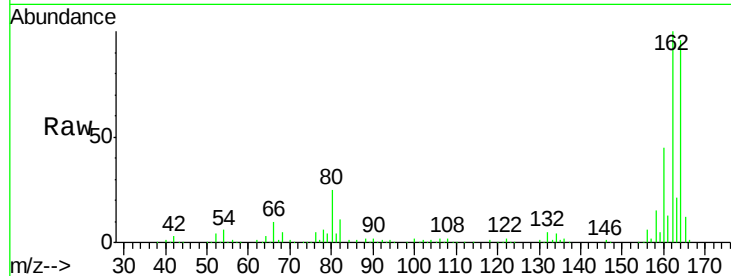




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.83 min Scan# 721
 Delta R.T. -0.02 min
 Lab File: BF088625.D
 Acq: 2 Jul 2016 19:06

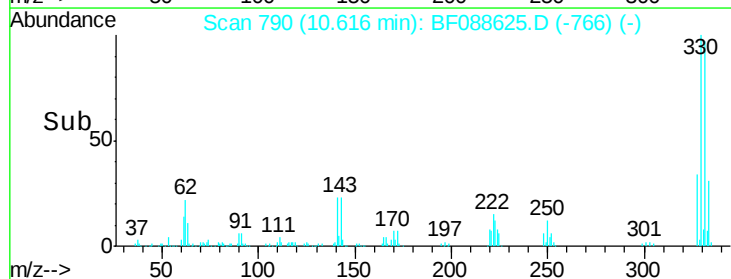
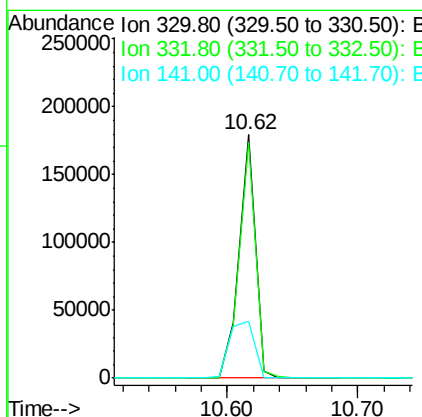
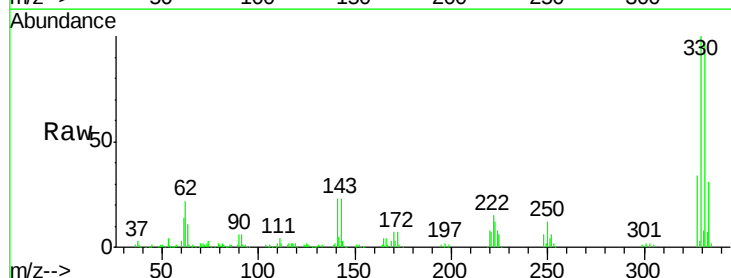
Instrument :
 BNA_F
 ClientSampleId :
 S4-B400(0-11)C

Tgt Ion:164 Resp: 195577
 Ion Ratio Lower Upper
 164 100
 162 104.3 85.4 128.2
 160 47.2 39.5 59.3



#41
 2,4,6-Tribromophenol
 Concen: 86.04 ng
 RT: 10.62 min Scan# 790
 Delta R.T. -0.02 min
 Lab File: BF088625.D
 Acq: 2 Jul 2016 19:06

Tgt Ion:330 Resp: 156254
 Ion Ratio Lower Upper
 330 100
 332 96.6 0.0 0.0#
 141 35.8 0.0 0.0#

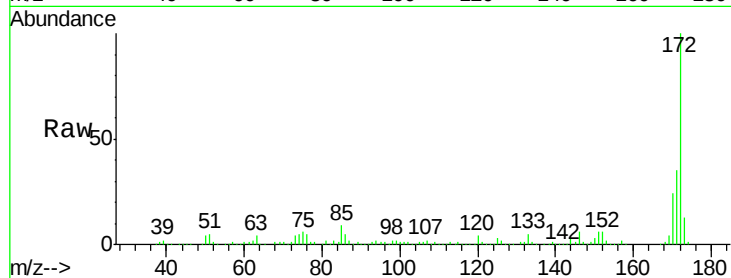




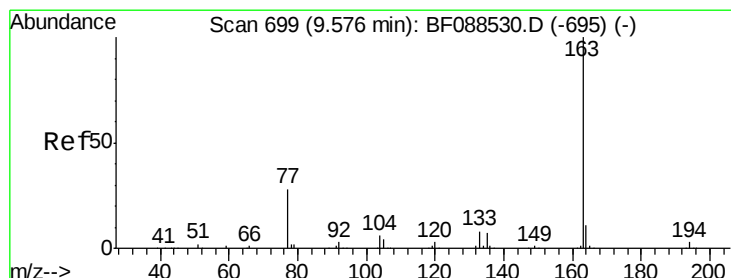
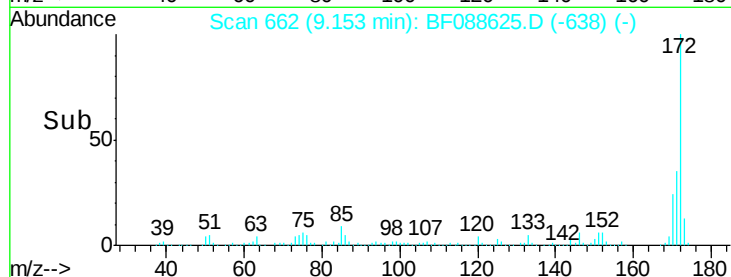
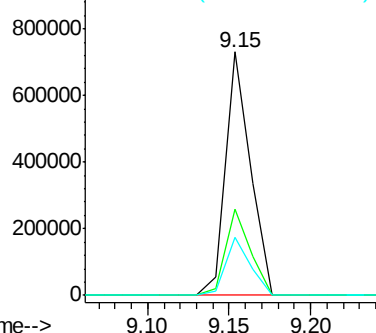
#44
2-Fluorobiphenyl
Concen: 62.25 ng
RT: 9.15 min Scan# 662
Delta R.T. -0.02 min
Lab File: BF088625.D
Acq: 2 Jul 2016 19:06

Instrument :
BNA_F
ClientSampleId :
S4-B400(0-11)C

Tgt Ion:172 Resp: 770699
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.6 19.2 28.8

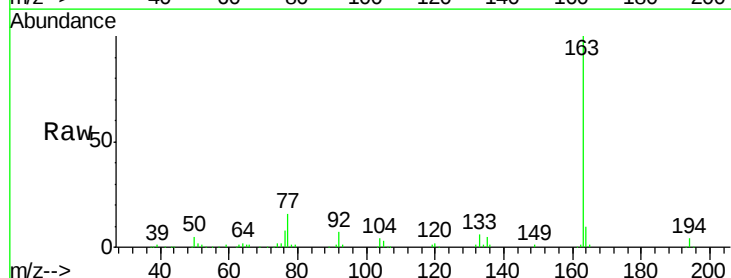


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

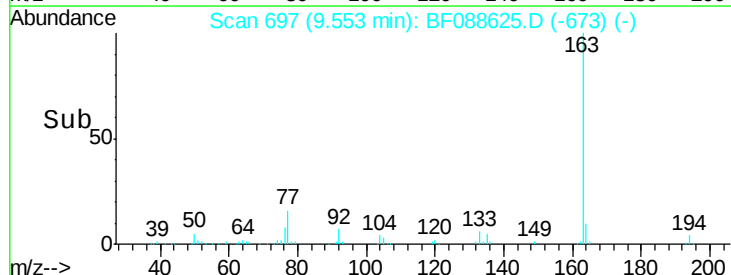
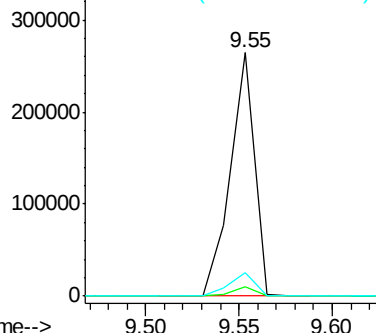


#49
Dimethylphthalate
Concen: 16.96 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.02 min
Lab File: BF088625.D
Acq: 2 Jul 2016 19:06

Tgt Ion:163 Resp: 236364
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 9.7 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

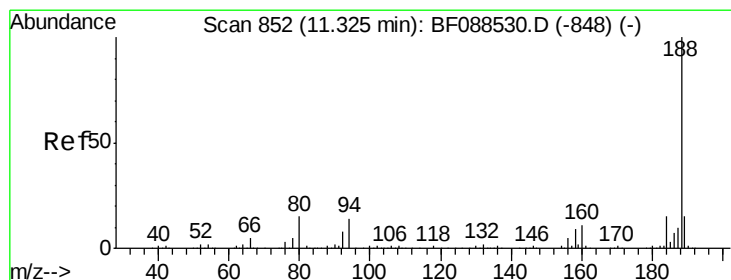
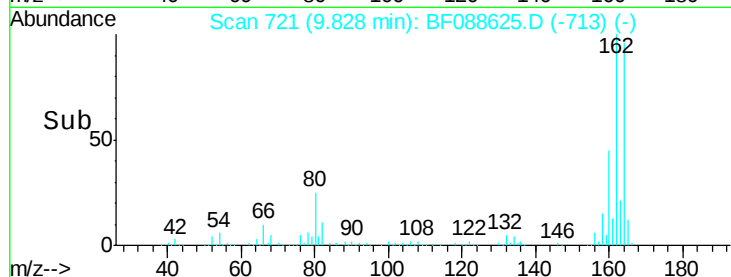
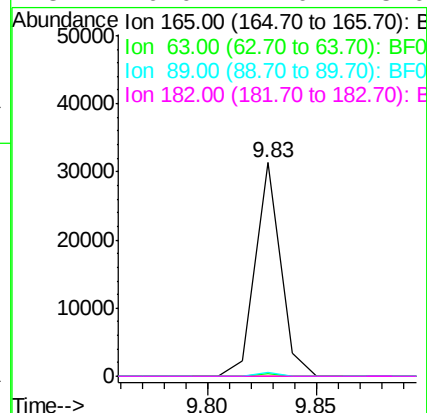
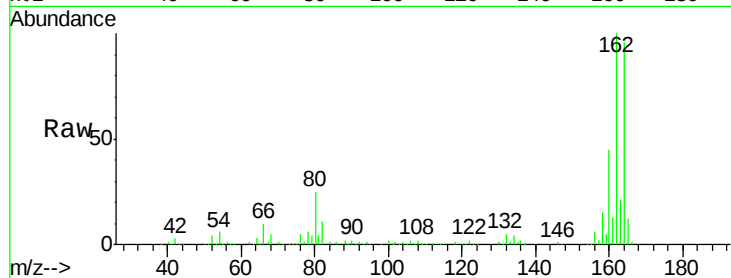




#56
2,4-Dinitrotoluene
Concen: 6.25 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.21 min
Lab File: BF088625.D
Acq: 2 Jul 2016 19:06

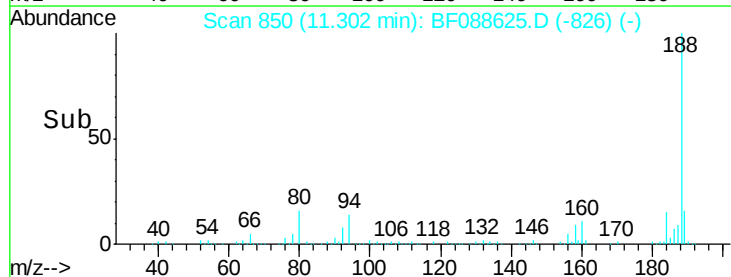
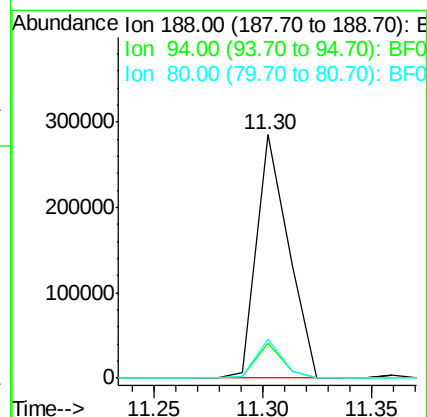
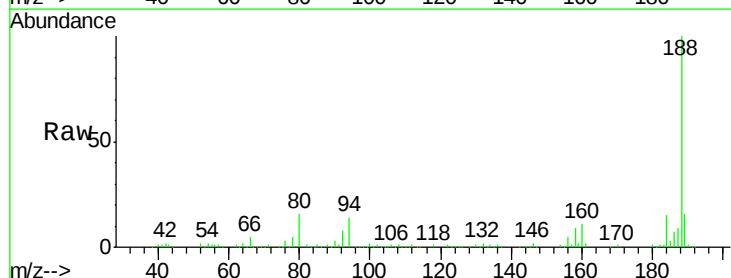
Instrument :
BNA_F
ClientSampleId :
S4-B400(0-11)C

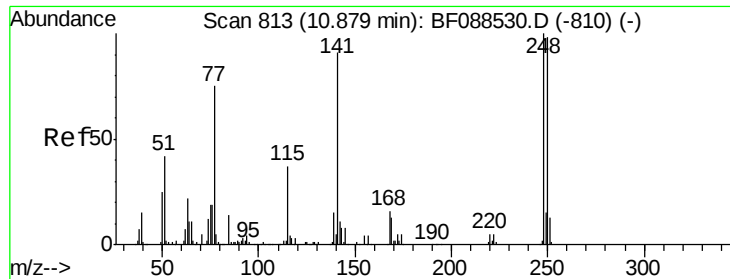
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	22.0	33.0#
89	1.7	41.1	61.7#
182	0.0	2.0	3.0#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 850
Delta R.T. -0.02 min
Lab File: BF088625.D
Acq: 2 Jul 2016 19:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	14.4	9.0	13.6#
80	16.0	10.0	15.0#

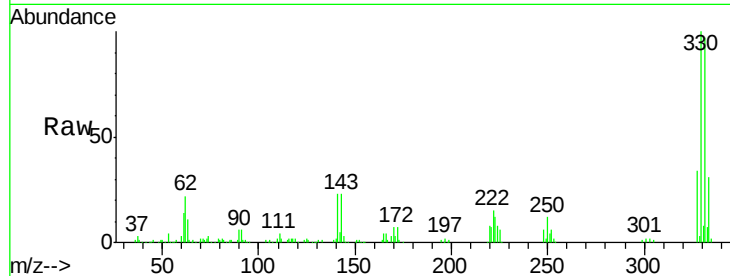




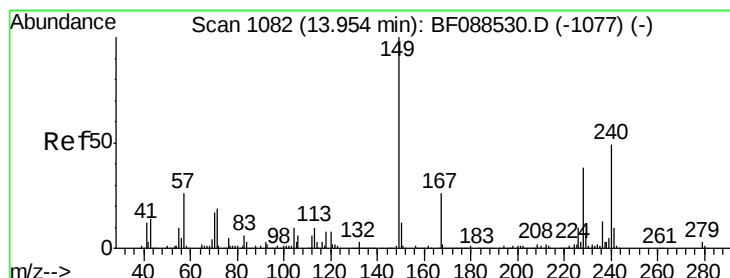
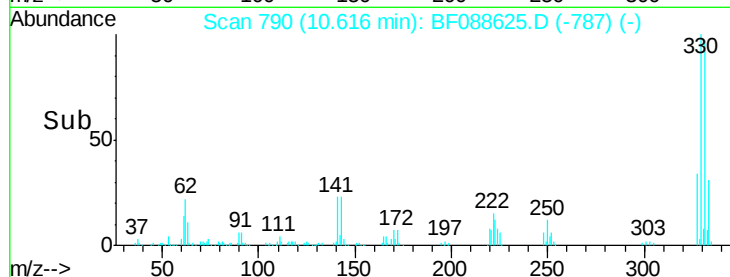
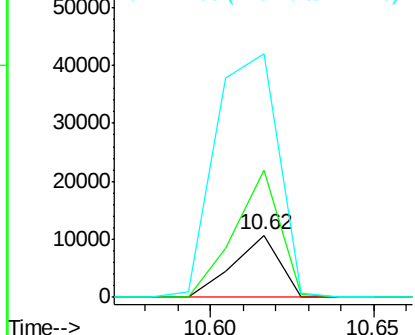
#66
4-Bromophenyl-phenylether
Concen: 3.52 ng
RT: 10.62 min Scan# 790
Delta R.T. -0.26 min
Lab File: BF088625.D
Acq: 2 Jul 2016 19:06

Instrument :
BNA_F
ClientSampleId :
S4-B400(0-11)C

Tgt Ion:248 Resp: 10339
Ion Ratio Lower Upper
248 100
250 204.2 77.1 115.7#
141 392.8 50.6 76.0#

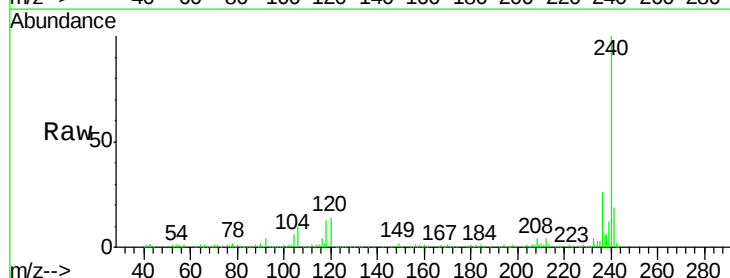


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

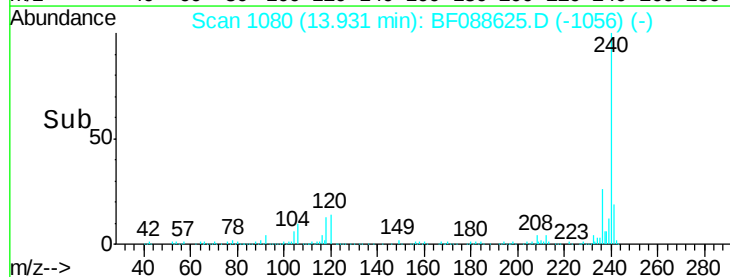
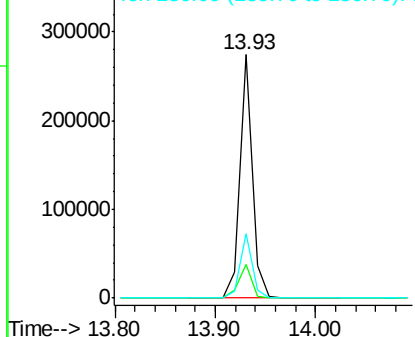


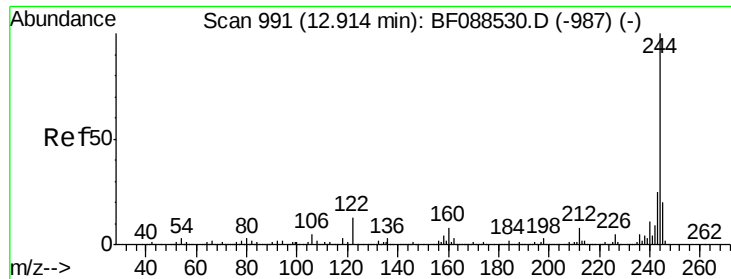
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1080
Delta R.T. -0.02 min
Lab File: BF088625.D
Acq: 2 Jul 2016 19:06

Tgt Ion:240 Resp: 236332
Ion Ratio Lower Upper
240 100
120 13.7 6.8 10.2#
236 26.3 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

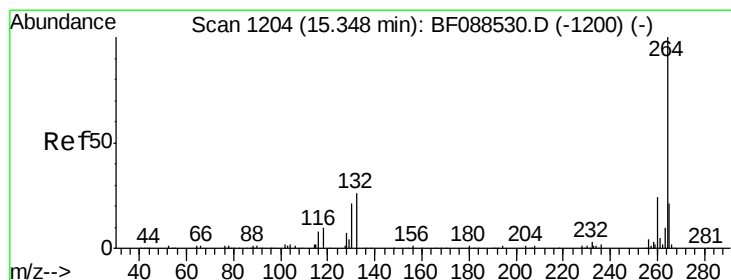
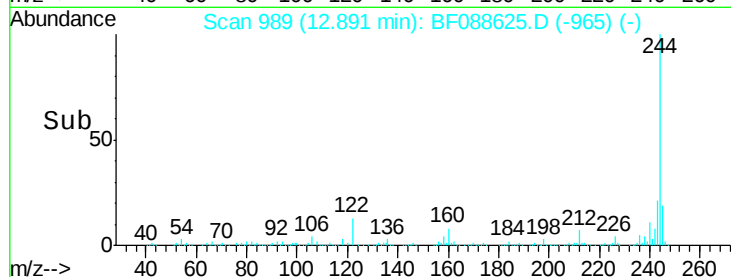
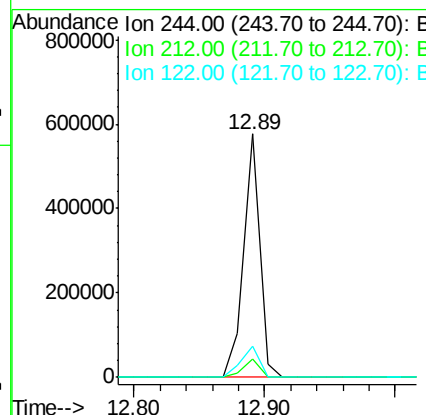
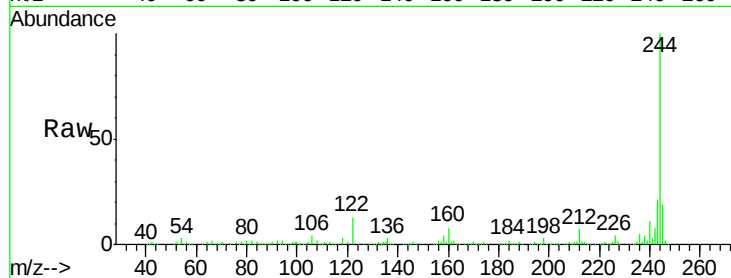




#78
 Terphenyl-d14
 Concen: 46.23 ng
 RT: 12.89 min Scan# 989
 Delta R.T. -0.02 min
 Lab File: BF088625.D
 Acq: 2 Jul 2016 19:06

Instrument :
 BNA_F
 ClientSampleId :
 S4-B400(0-11)C

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	12.9	11.2	16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.33 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: BF088625.D
 Acq: 2 Jul 2016 19:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.0	16.9	25.3

