

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070916\
 Data File : BF088885.D
 Acq On : 9 Jul 2016 21:59
 Operator : UM/SJ
 Sample : H3813-14 25X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-WW001-01

Quant Time: Jul 11 04:37:00 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 18:51:20 2016
 Response via : Initial Calibration

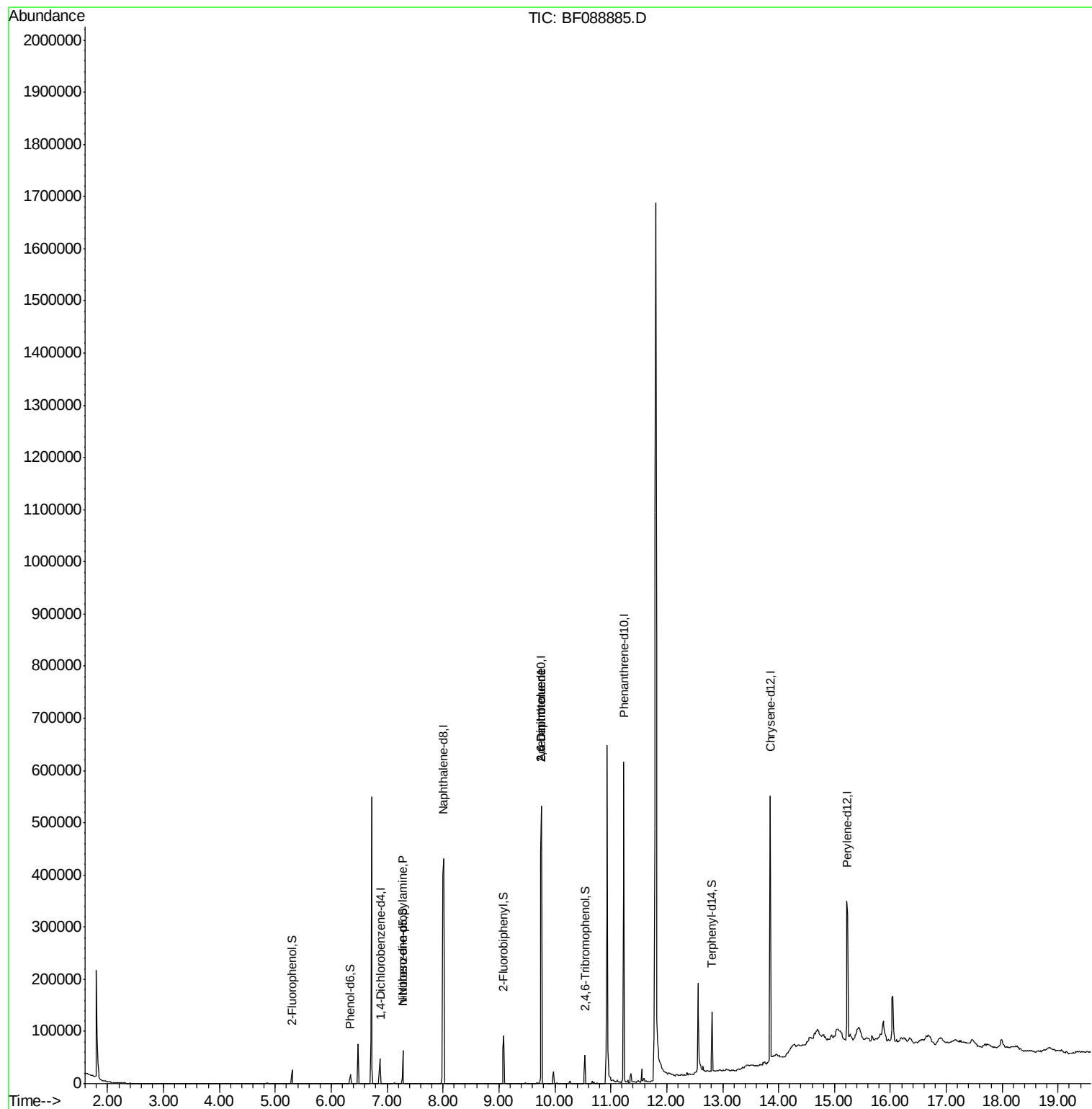
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	10552	20.00	ng	0.15
21) Naphthalene-d8	8.01	136	294165	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	144175	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	271447	20.00	ng	-0.01
75) Chrysene-d12	13.85	240	153064	20.00	ng	-0.02
86) Perylene-d12	15.23	264	141297	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	10473	14.87	ng	-0.02
7) Phenol-d6	6.34	99	9310	10.23	ng	-0.03
23) Nitrobenzene-d5	7.28	82	19333	3.44	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	8005	5.98	ng	-0.02
44) 2-Fluorobiphenyl	9.08	172	41895	4.59	ng	-0.01
78) Terphenyl-d14	12.81	244	32833	4.78	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.28	70	2542	4.16	ng	# 71
50) 2,6-Dinitrotoluene	9.76	165	18018	7.91	ng	# 37
56) 2,4-Dinitrotoluene	9.76	165	18018	6.05	ng	# 36

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

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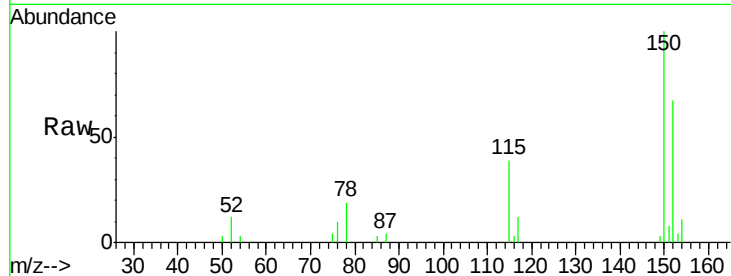


#1

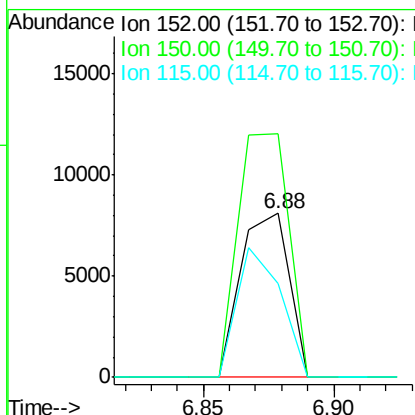
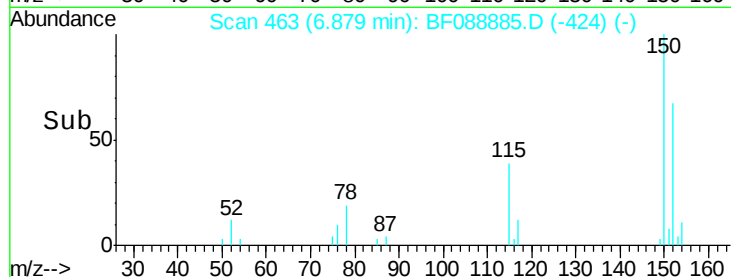
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 463
Delta R.T. 0.15 min
Lab File: BF088885.D
Acq: 9 Jul 2016 21:59

Instrument :
BNA_F
ClientSampleId :
P001-WW001-01

Tgt Ion:152 Resp: 10552
Ion Ratio Lower Upper
152 100
150 148.4 123.8 185.6
115 57.4 39.6 59.4



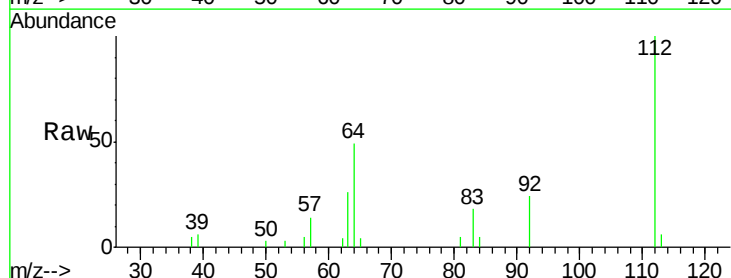
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



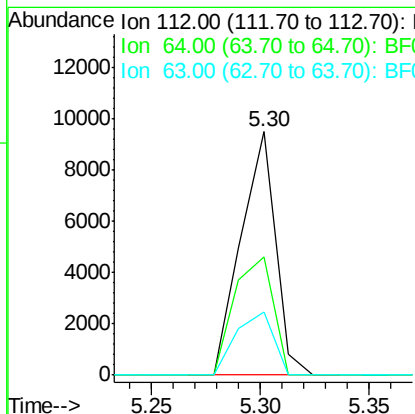
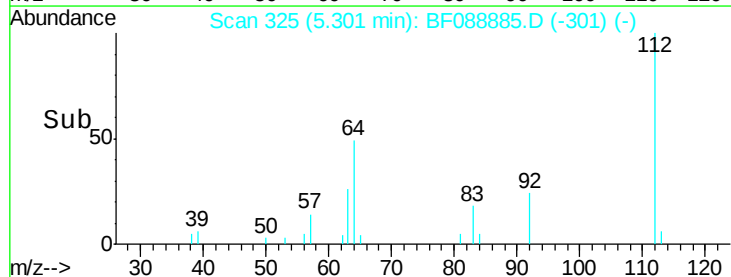
#5

2-Fluorophenol
Concen: 14.87 ng
RT: 5.30 min Scan# 325
Delta R.T. -0.02 min
Lab File: BF088885.D
Acq: 9 Jul 2016 21:59

Tgt Ion:112 Resp: 10473
Ion Ratio Lower Upper
112 100
64 48.5 42.2 63.2
63 25.8 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: 10.23 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.03 min

Lab File: BF088885.D

Acq: 9 Jul 2016 21:59

Instrument :

BNA_F

ClientSampleId :

P001-WW001-01

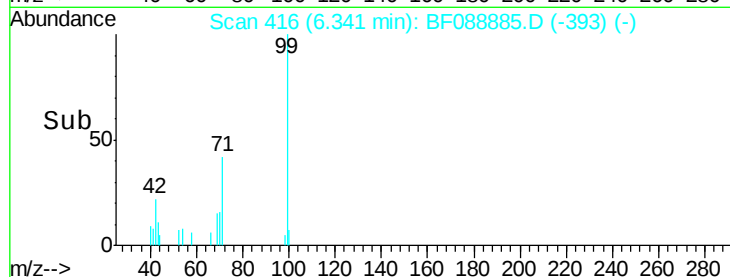
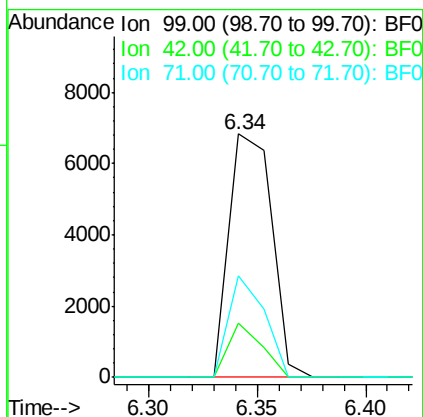
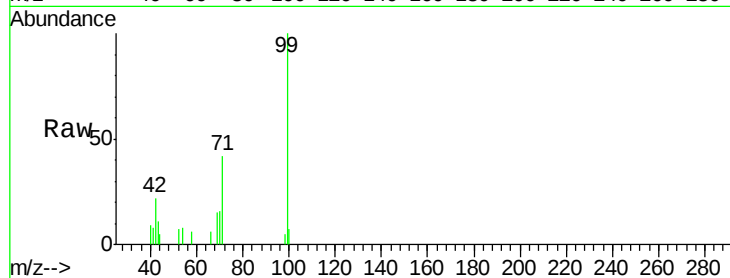
Tgt Ion: 99 Resp: 9310

Ion Ratio Lower Upper

99 100

42 22.3 12.2 18.2#

71 41.6 23.4 35.0#



#19

n-Nitroso-di-n-propylamine

Concen: 4.16 ng

RT: 7.28 min Scan# 498

Delta R.T. 0.11 min

Lab File: BF088885.D

Acq: 9 Jul 2016 21:59

Tgt Ion: 70 Resp: 2542

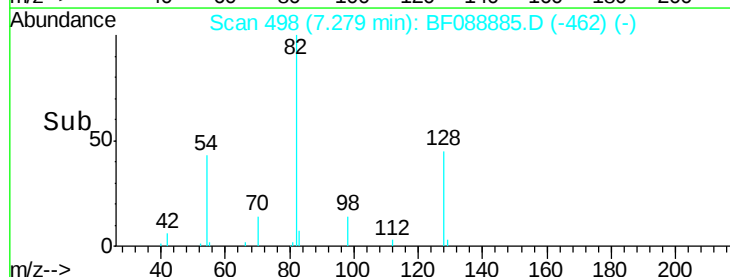
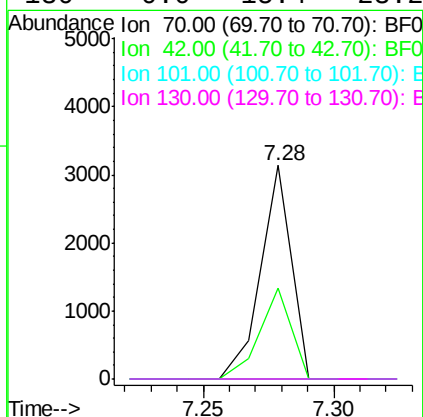
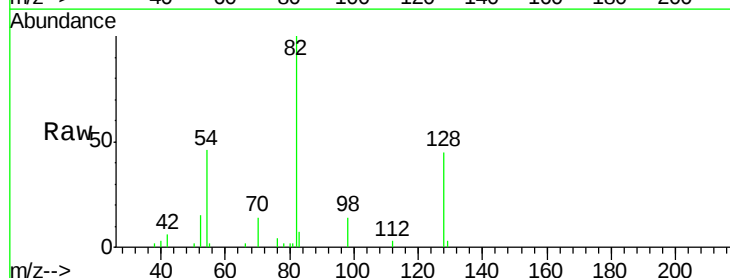
Ion Ratio Lower Upper

70 100

42 42.8 49.6 74.4#

101 0.0 7.1 10.7#

130 0.0 15.4 23.2#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF088885.D

Acq: 9 Jul 2016 21:59

Instrument :

BNA_F

ClientSampleId :

P001-WW001-01

Tgt Ion: 136 Resp: 294165

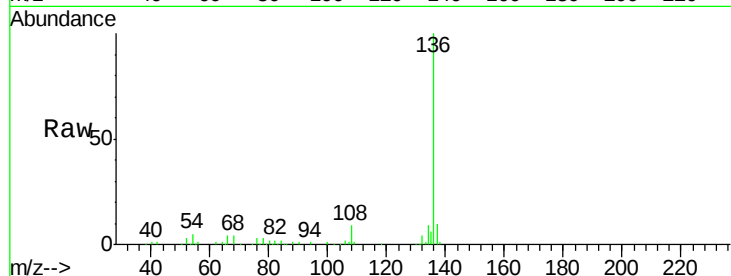
Ion Ratio Lower Upper

136 100

137 10.2 9.1 13.7

54 4.6 6.6 10.0#

68 4.1 5.1 7.7#

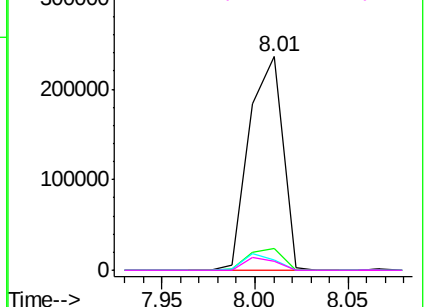
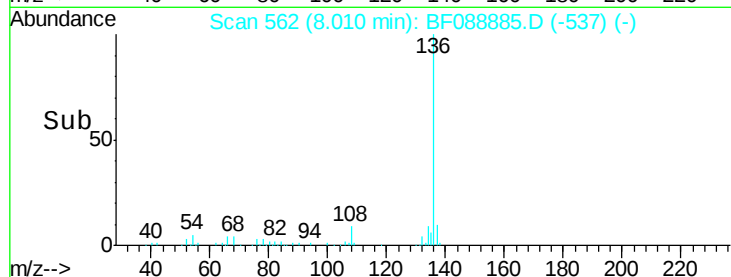


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.44 ng

RT: 7.28 min Scan# 498

Delta R.T. -0.02 min

Lab File: BF088885.D

Acq: 9 Jul 2016 21:59

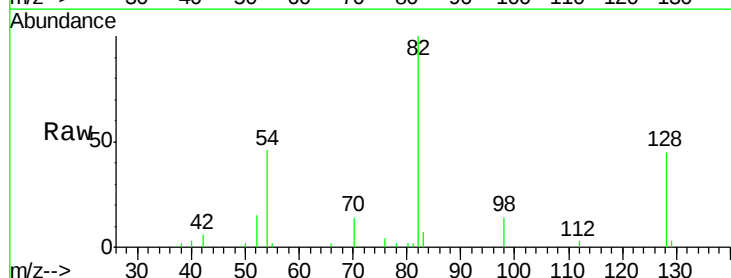
Tgt Ion: 82 Resp: 19333

Ion Ratio Lower Upper

82 100

128 44.7 35.9 53.9

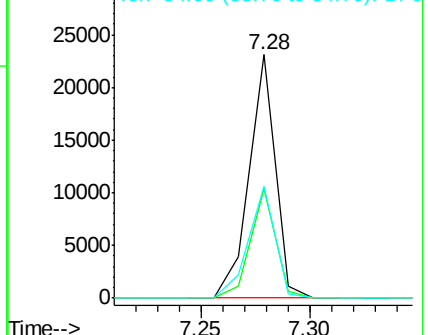
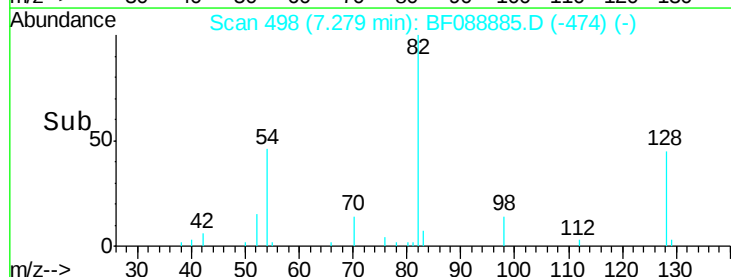
54 46.0 40.9 61.3

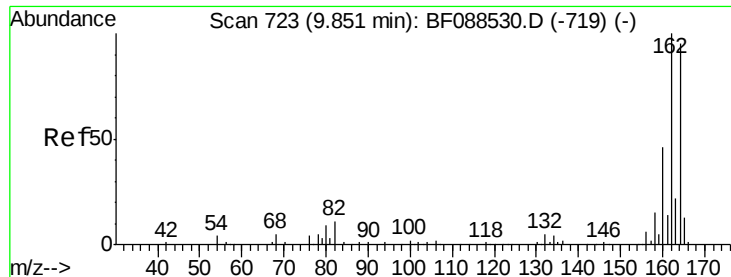


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

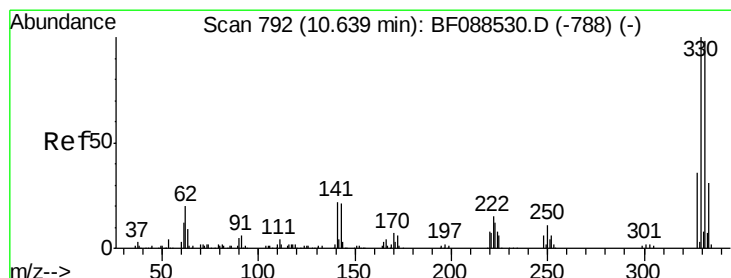
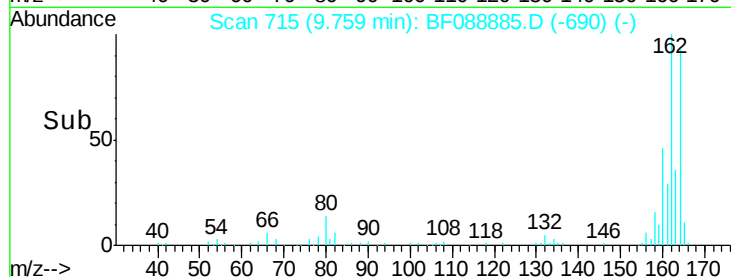
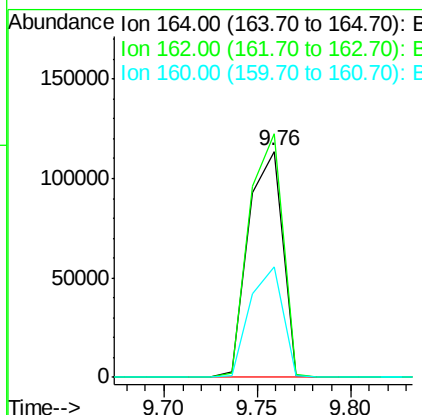
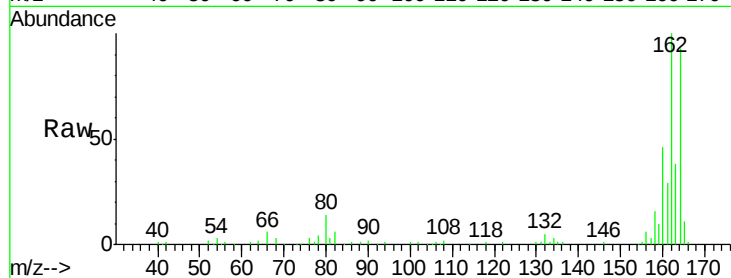




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 715
 Delta R.T. -0.01 min
 Lab File: BF088885.D
 Acq: 9 Jul 2016 21:59

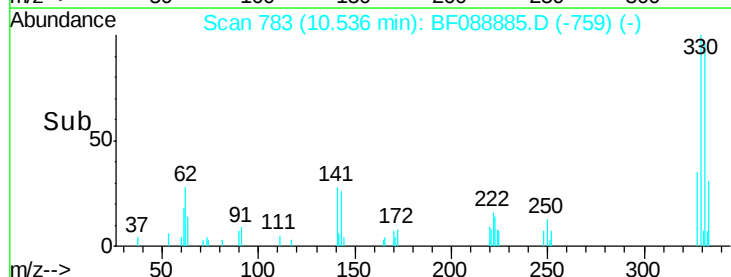
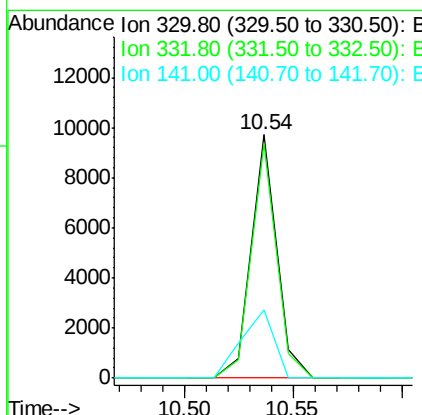
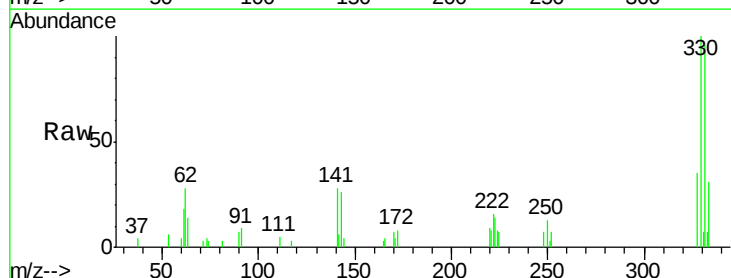
Instrument :
 BNA_F
 ClientSampleId :
 P001-WW001-01

Tgt Ion:164 Resp: 144175
 Ion Ratio Lower Upper
 164 100
 162 107.7 85.4 128.2
 160 49.1 39.5 59.3



#41
 2,4,6-Tribromophenol
 Concen: 5.98 ng
 RT: 10.54 min Scan# 783
 Delta R.T. -0.02 min
 Lab File: BF088885.D
 Acq: 9 Jul 2016 21:59

Tgt Ion:330 Resp: 8005
 Ion Ratio Lower Upper
 330 100
 332 95.2 0.0 0.0#
 141 35.3 0.0 0.0#

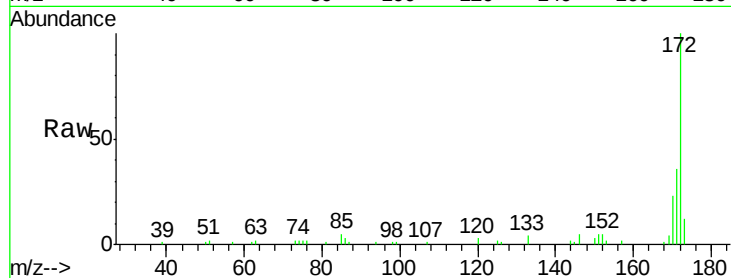




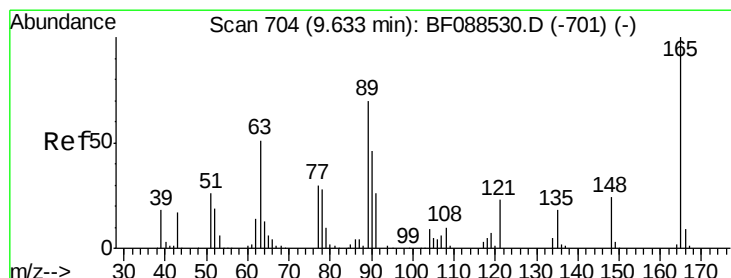
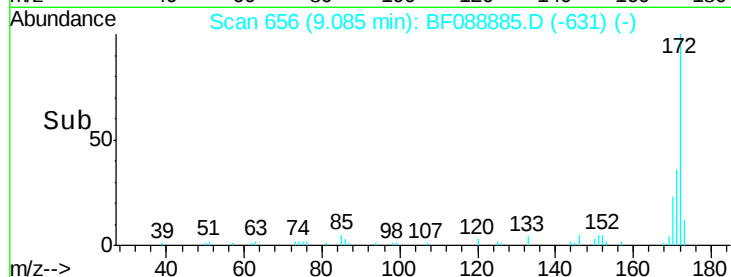
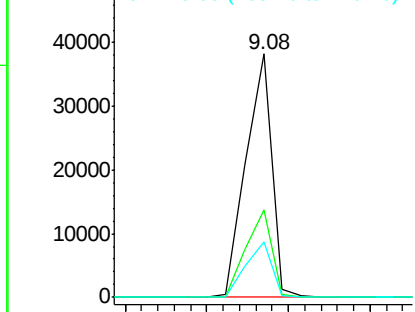
#44
 2-Fluorobiphenyl
 Concen: 4.59 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BF088885.D
 Acq: 9 Jul 2016 21:59

Instrument :
 BNA_F
 ClientSampleId :
 P001-WW001-01

Tgt Ion:172 Resp: 41895
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.6 43.0
 170 22.6 19.2 28.8

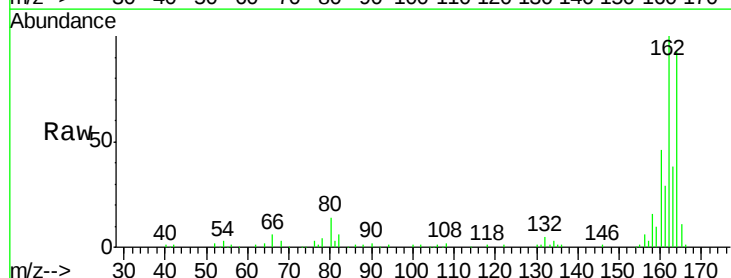


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

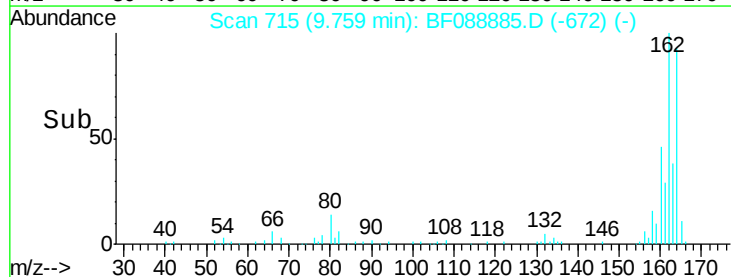
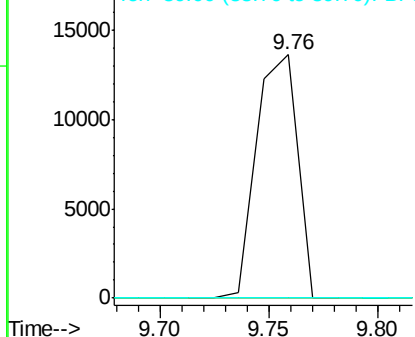


#50
 2,6-Dinitrotoluene
 Concen: 7.91 ng
 RT: 9.76 min Scan# 715
 Delta R.T. 0.19 min
 Lab File: BF088885.D
 Acq: 9 Jul 2016 21:59

Tgt Ion:165 Resp: 18018
 Ion Ratio Lower Upper
 165 100
 63 0.0 28.1 42.1#
 89 0.0 32.2 48.2#



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

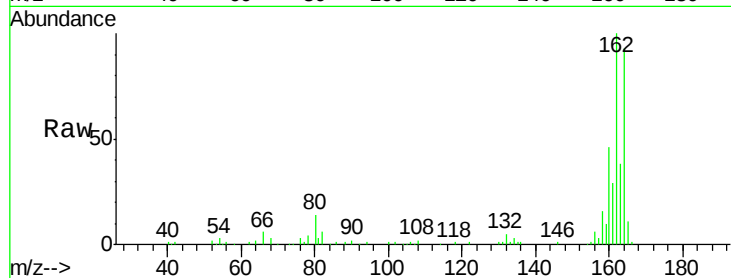




#56
 2,4-Dinitrotoluene
 Concen: 6.05 ng
 RT: 9.76 min Scan# 715
 Delta R.T. -0.19 min
 Lab File: BF088885.D
 Acq: 9 Jul 2016 21:59

Instrument :
 BNA_F
 ClientSampleId :
 P001-WW001-01

Tgt Ion:	165	Resp:	18018
Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	0.0	41.1	61.7#
182	0.0	2.0	3.0#

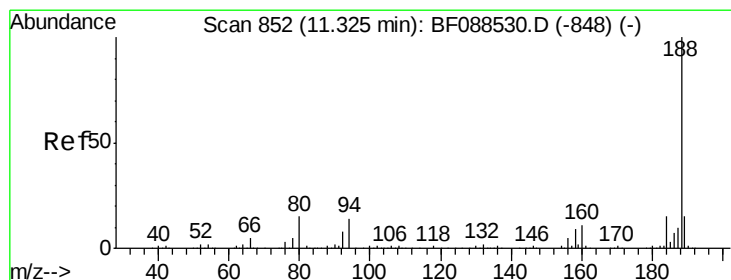
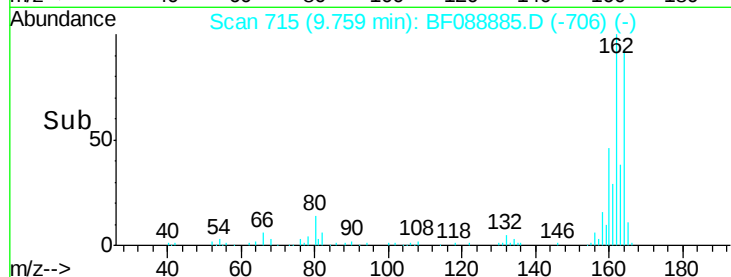
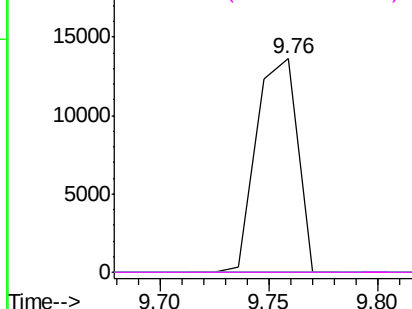


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

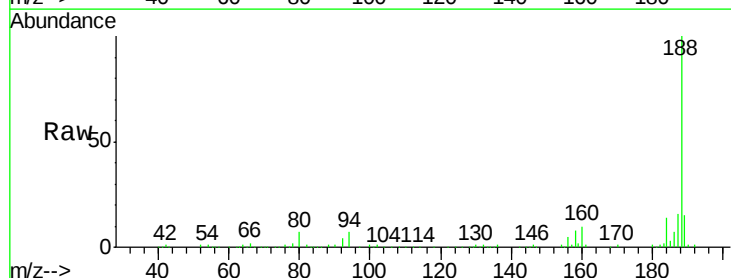
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.23 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF088885.D
 Acq: 9 Jul 2016 21:59

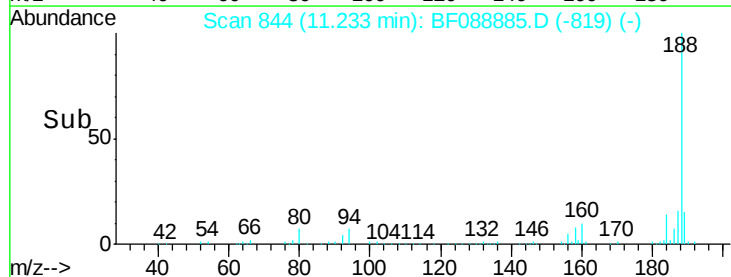
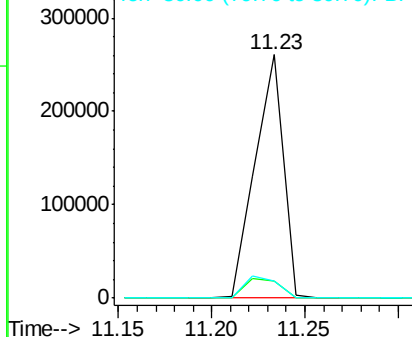
Tgt Ion:	188	Resp:	271447
Ion	Ratio	Lower	Upper
188	100		
94	6.9	9.0	13.6#
80	7.1	10.0	15.0#



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1073

Delta R.T. -0.02 min

Lab File: BF088885.D

Acq: 9 Jul 2016 21:59

Instrument :

BNA_F

ClientSampleId :

P001-WW001-01

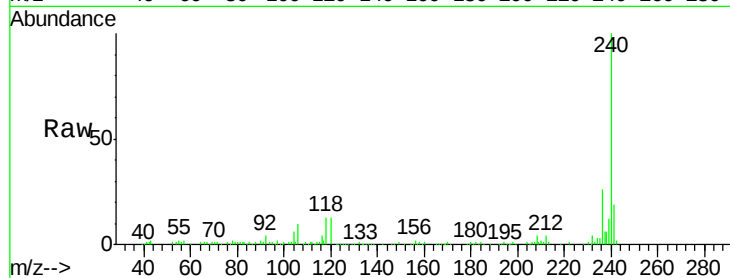
Tgt Ion:240 Resp: 153064

Ion Ratio Lower Upper

240 100

120 13.1 6.8 10.2#

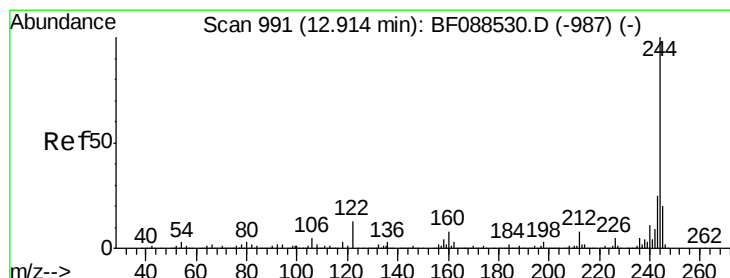
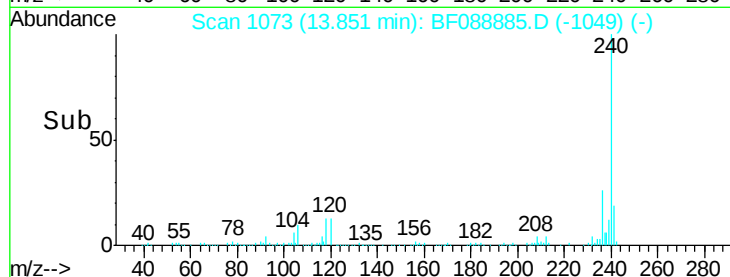
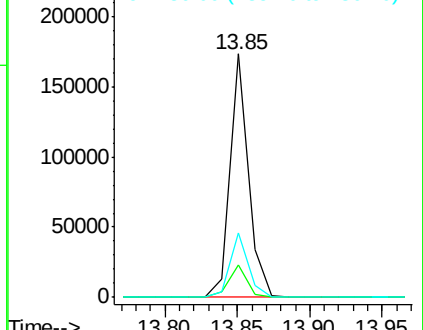
236 26.4 20.2 30.2



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: 4.78 ng

RT: 12.81 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF088885.D

Acq: 9 Jul 2016 21:59

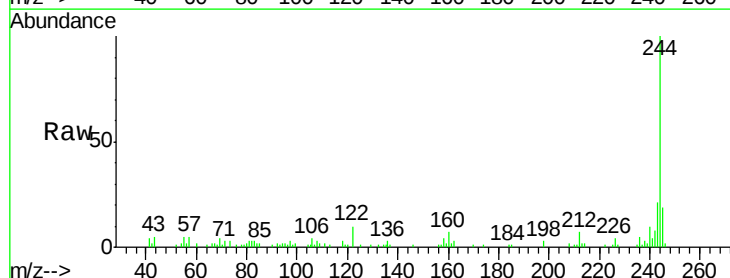
Tgt Ion:244 Resp: 32833

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

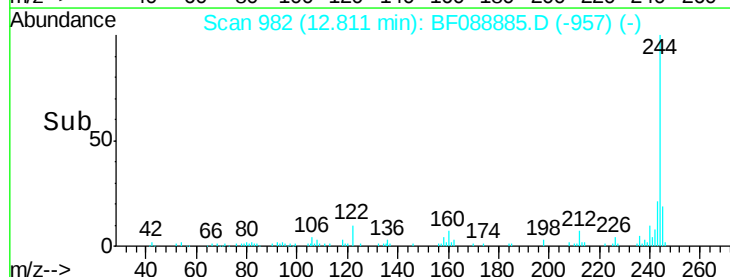
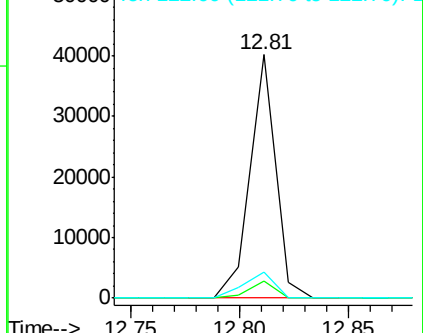
122 10.5 11.2 16.8#

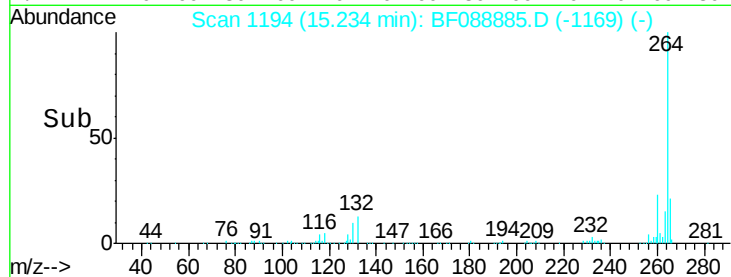
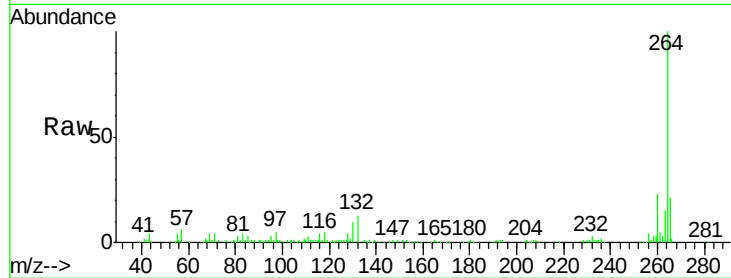
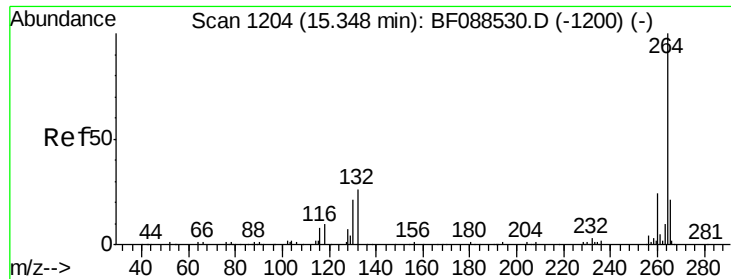


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.23 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BF088885.D

Acq: 9 Jul 2016 21:59

Instrument :

BNA_F

ClientSampleId :

P001-WW001-01

Tgt Ion:264 Resp: 141297

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.0 16.9 25.3

