

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070916\
 Data File : BF088883.D
 Acq On : 9 Jul 2016 21:01
 Operator : UM/SJ
 Sample : H3813-16 25X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS004-0006-02

Quant Time: Jul 11 04:36:38 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

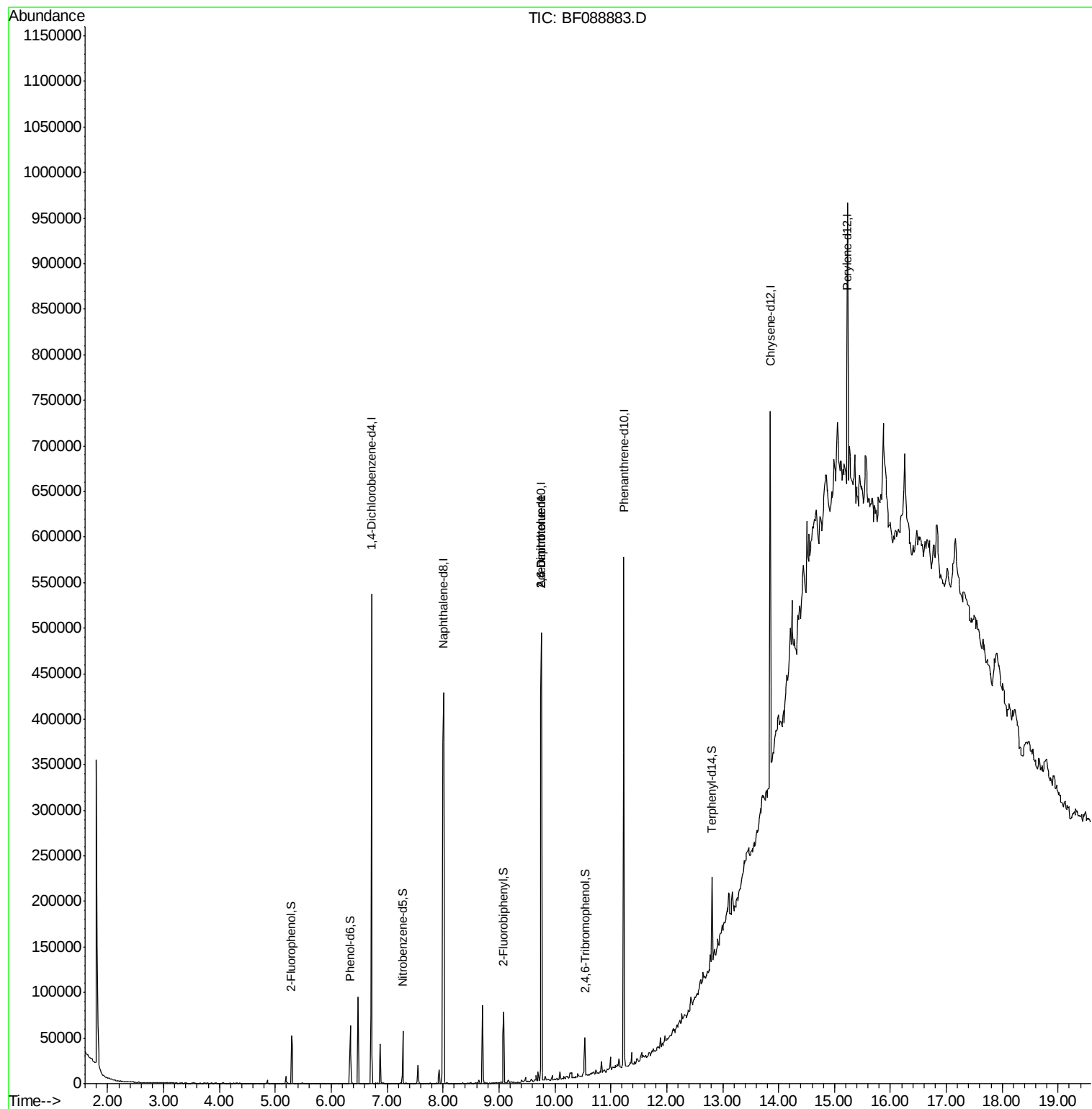
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	73792	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	283244	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	132782	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	248501	20.00	ng	-0.01
75) Chrysene-d12	13.85	240	131120	20.00	ng	-0.02
86) Perylene-d12	15.23	264	135882	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	20053	4.07	ng	-0.03
7) Phenol-d6	6.34	99	26110	4.10	ng	-0.03
23) Nitrobenzene-d5	7.28	82	17859	3.30	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	6234	5.06	ng	-0.02
44) 2-Fluorobiphenyl	9.08	172	34356	4.09	ng	-0.01
78) Terphenyl-d14	12.81	244	25454	4.32	ng	-0.01
Target Compounds						
50) 2,6-Dinitrotoluene	9.76	165	17048	8.13	ng	# 39
56) 2,4-Dinitrotoluene	9.76	165	17048	6.22	ng	# 38

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.72 min Scan# 449

Delta R.T. -0.01 min

Lab File: BF088883.D

Acq: 9 Jul 2016 21:01

Instrument :

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P001-SS004-0006-02

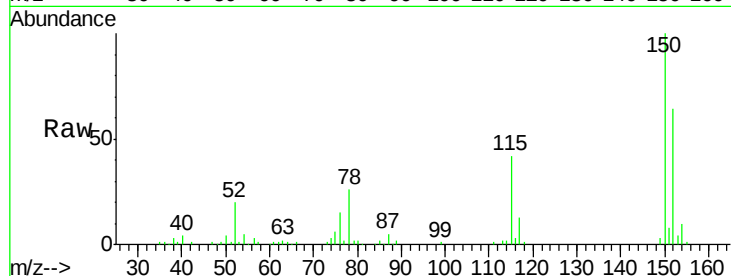
Tgt Ion:152 Resp: 73792

Ion Ratio Lower Upper

152 100

150 157.4 123.8 185.6

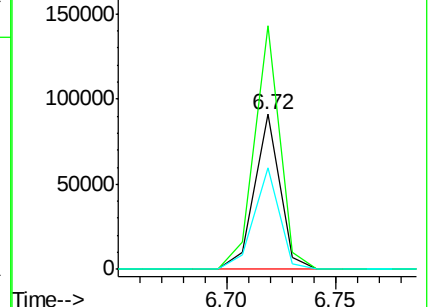
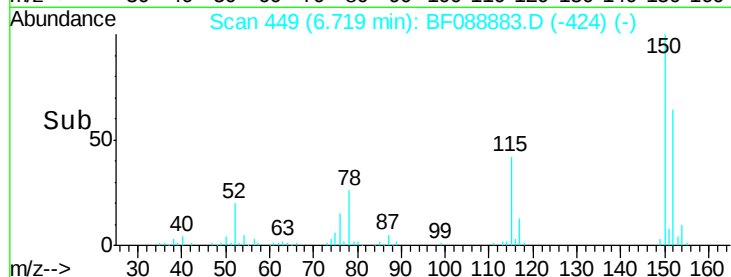
115 65.9 39.6 59.4#



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: 4.07 ng

RT: 5.29 min Scan# 324

Delta R.T. -0.03 min

Lab File: BF088883.D

Acq: 9 Jul 2016 21:01

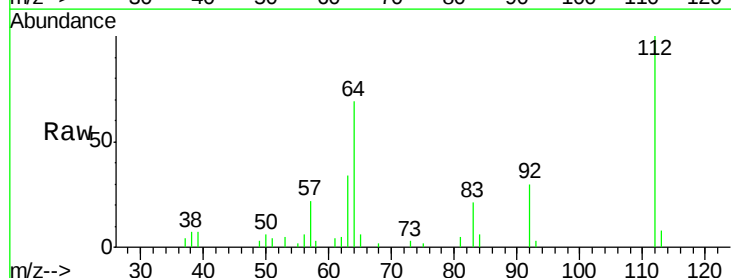
Tgt Ion:112 Resp: 20053

Ion Ratio Lower Upper

112 100

64 69.1 42.2 63.2#

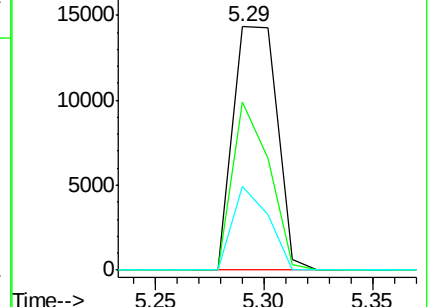
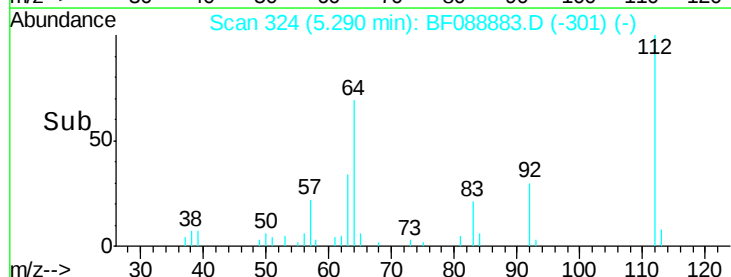
63 34.4 21.8 32.8#



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: 4.10 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.03 min

Lab File: BF088883.D

Acq: 9 Jul 2016 21:01

Instrument :

BNA_F

ClientSampleId :

P001-SS004-0006-02

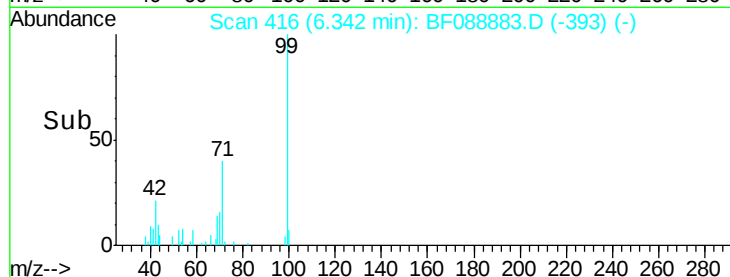
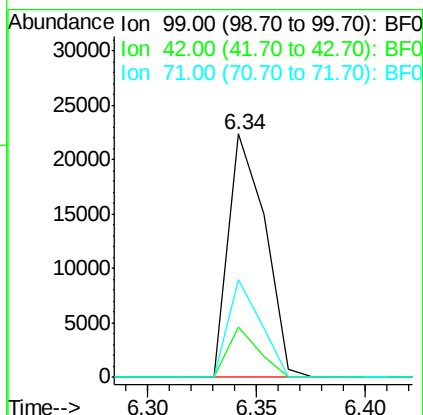
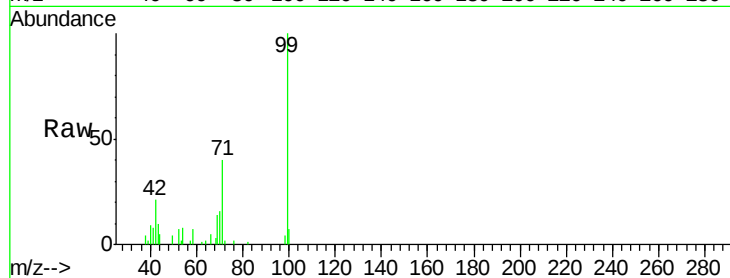
Tgt Ion: 99 Resp: 26110

Ion Ratio Lower Upper

99 100

42 20.5 12.2 18.2#

71 40.0 23.4 35.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF088883.D

Acq: 9 Jul 2016 21:01

Tgt Ion: 136 Resp: 283244

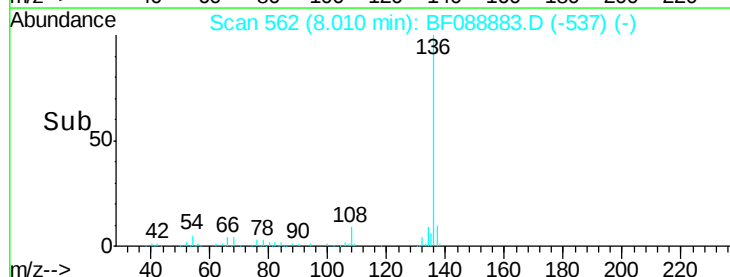
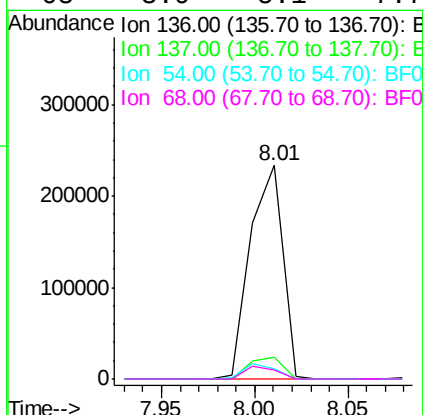
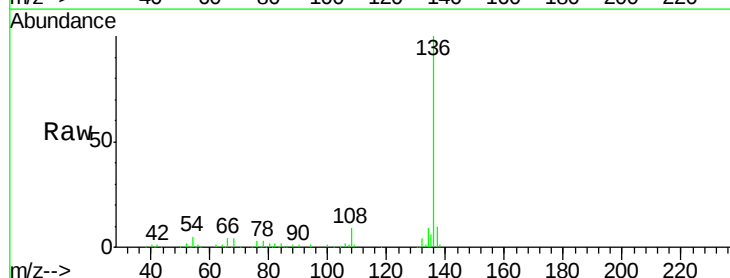
Ion Ratio Lower Upper

136 100

137 10.1 9.1 13.7

54 4.6 6.6 10.0#

68 3.9 5.1 7.7#

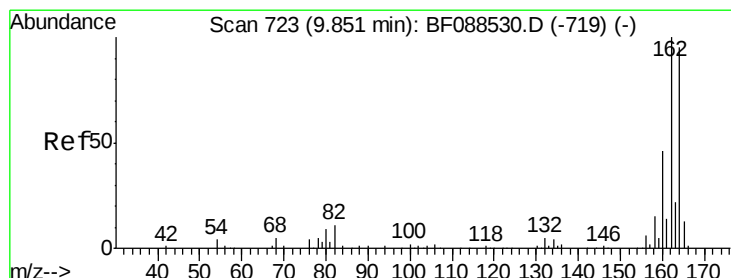
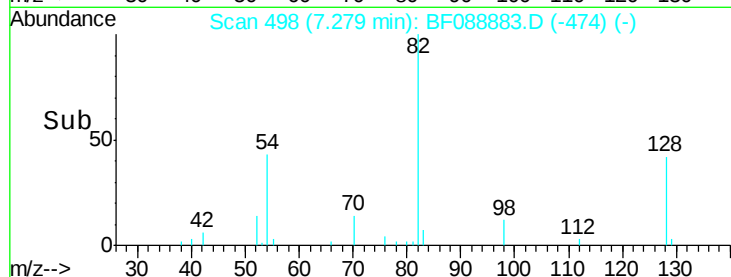
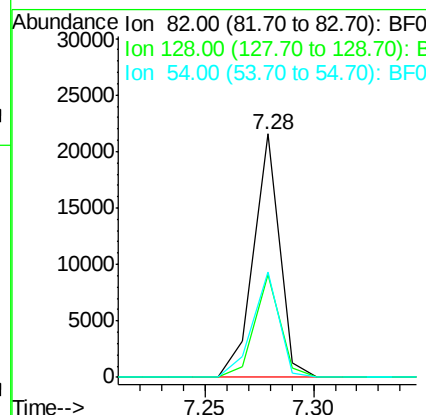
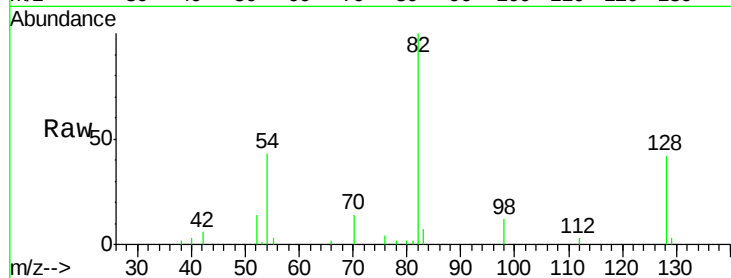




#23
 Nitrobenzene-d5
 Concen: 3.30 ng
 RT: 7.28 min Scan# 498
 Delta R.T. -0.02 min
 Lab File: BF088883.D
 Acq: 9 Jul 2016 21:01

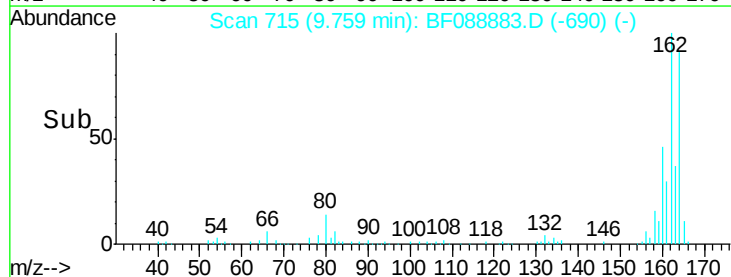
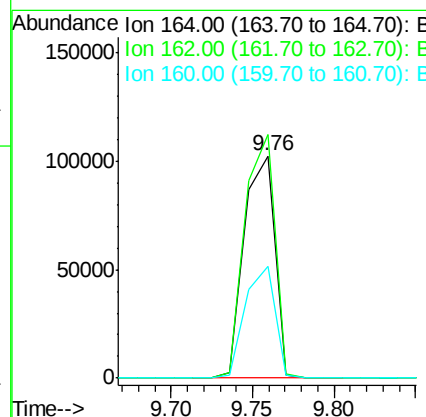
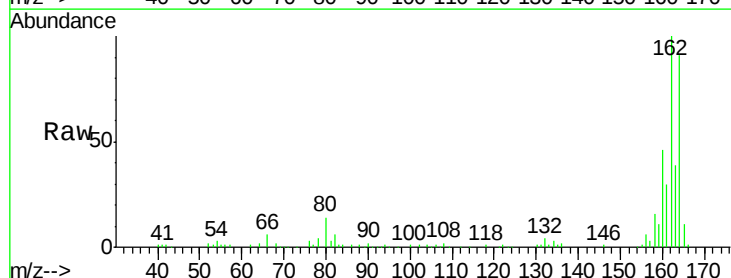
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS004-0006-02

Tgt Ion: 82 Resp: 17859
 Ion Ratio Lower Upper
 82 100
 128 42.3 35.9 53.9
 54 43.3 40.9 61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 715
 Delta R.T. -0.01 min
 Lab File: BF088883.D
 Acq: 9 Jul 2016 21:01

Tgt Ion:164 Resp: 132782
 Ion Ratio Lower Upper
 164 100
 162 109.5 85.4 128.2
 160 50.2 39.5 59.3

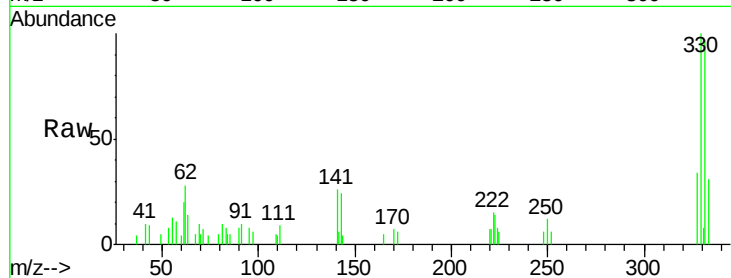




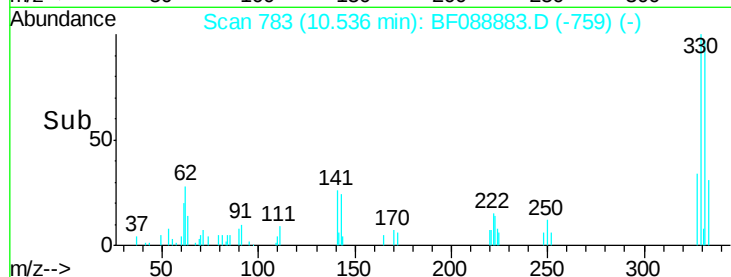
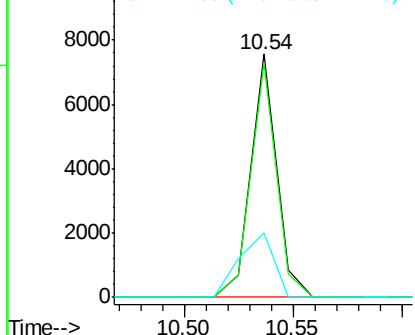
#41
 2,4,6-Tribromophenol
 Concen: 5.06 ng
 RT: 10.54 min Scan# 783
 Delta R.T. -0.02 min
 Lab File: BF088883.D
 Acq: 9 Jul 2016 21:01

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS004-0006-02

Tgt Ion:330 Resp: 6234
 Ion Ratio Lower Upper
 330 100
 332 96.1 0.0 0.0#
 141 35.3 0.0 0.0#

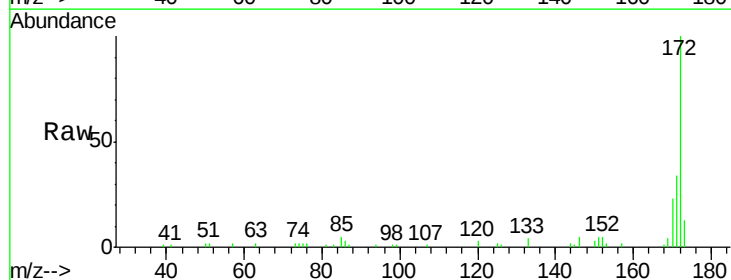


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

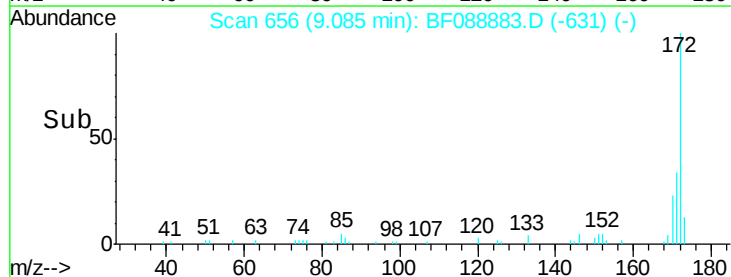
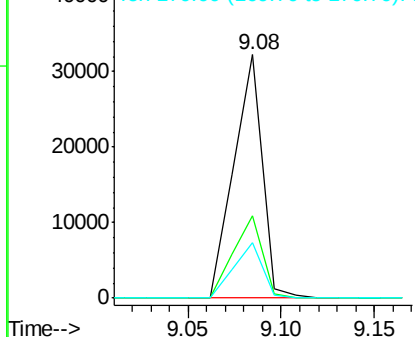


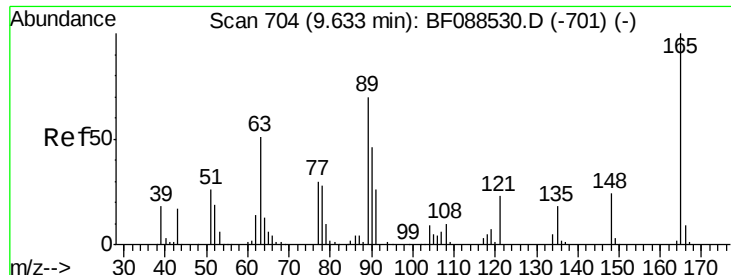
#44
 2-Fluorobiphenyl
 Concen: 4.09 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BF088883.D
 Acq: 9 Jul 2016 21:01

Tgt Ion:172 Resp: 34356
 Ion Ratio Lower Upper
 172 100
 171 34.0 28.6 43.0
 170 22.8 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

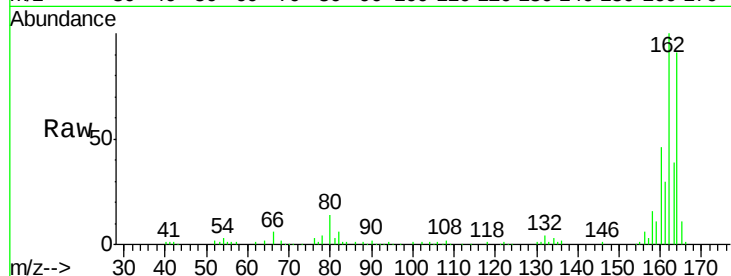




#50
 2,6-Dinitrotoluene
 Concen: 8.13 ng
 RT: 9.76 min Scan# 715
 Delta R.T. 0.19 min
 Lab File: BF088883.D
 Acq: 9 Jul 2016 21:01

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS004-0006-02

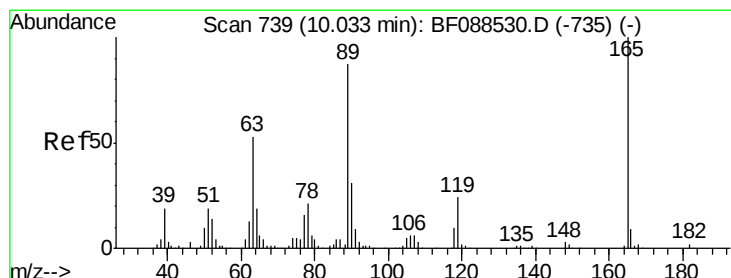
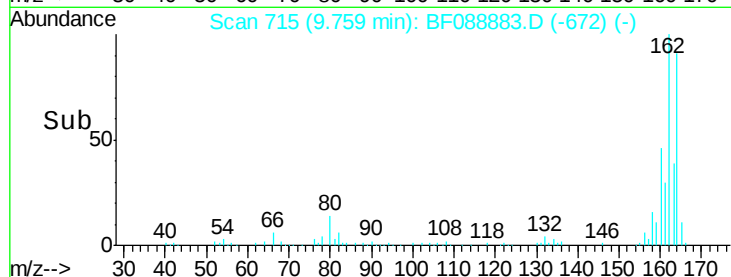
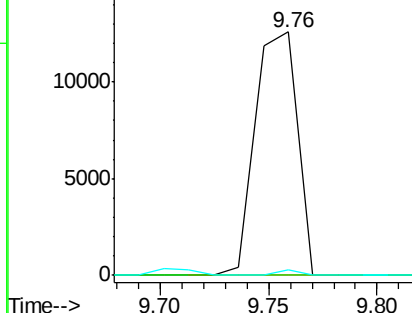
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.1	42.1#
89	2.5	32.2	48.2#



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: 6.22 ng
 RT: 9.76 min Scan# 715
 Delta R.T. -0.19 min
 Lab File: BF088883.D
 Acq: 9 Jul 2016 21:01

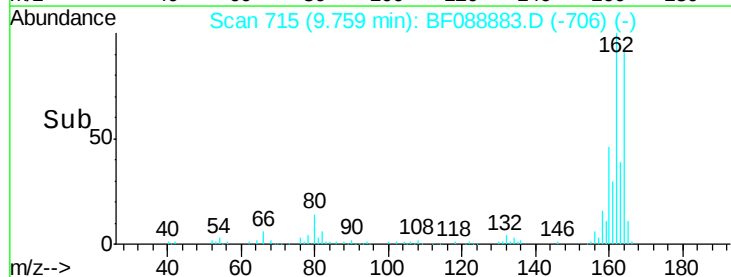
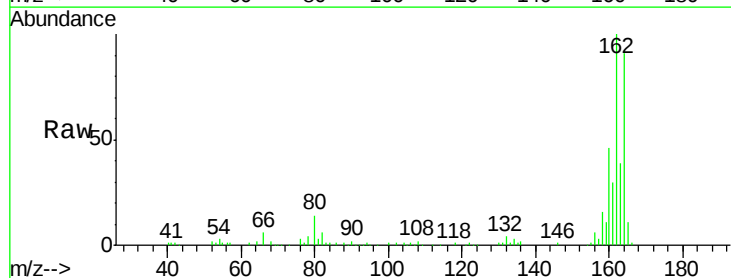
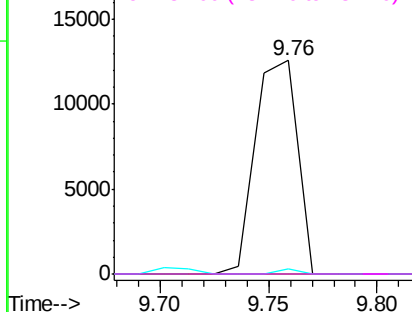
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	2.5	41.1	61.7#
182	0.0	2.0	3.0#

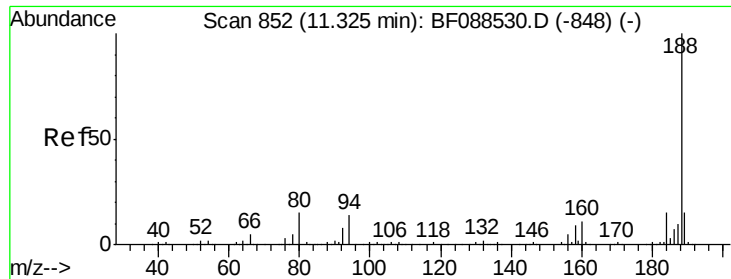
Abundance Ion 165.00 (164.70 to 165.70): E

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

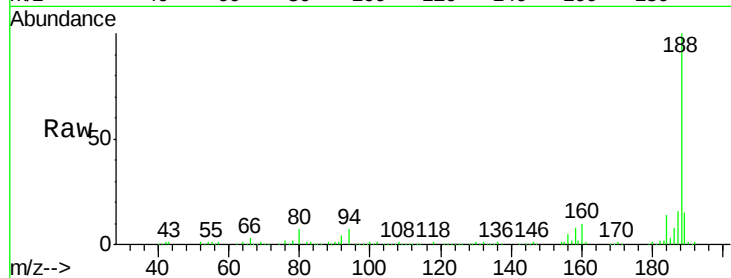




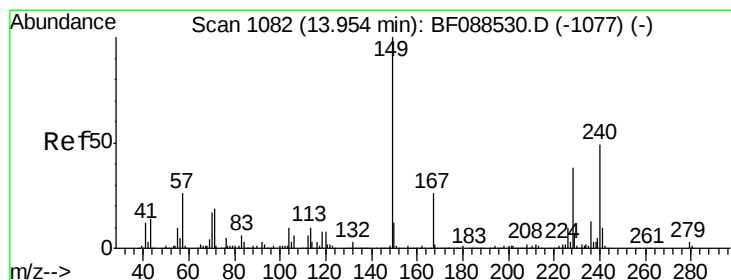
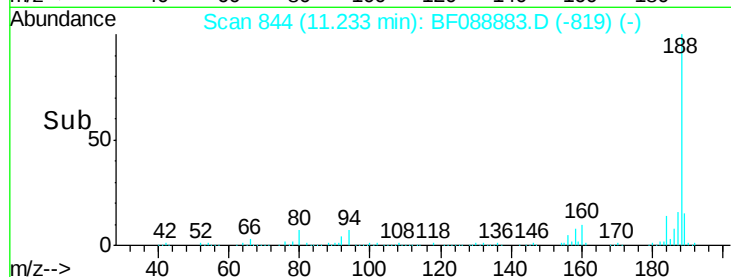
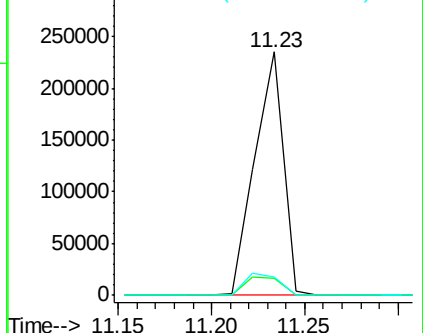
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF088883.D
Acq: 9 Jul 2016 21:01

Instrument :
BNA_F
ClientSampleId :
P001-SS004-0006-02

Tgt Ion:188 Resp: 248501
Ion Ratio Lower Upper
188 100
94 6.8 9.0 13.6#
80 7.3 10.0 15.0#

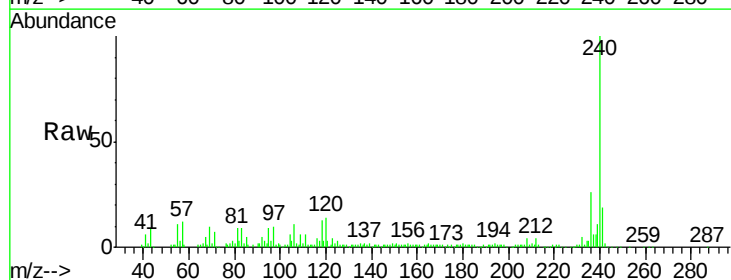


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

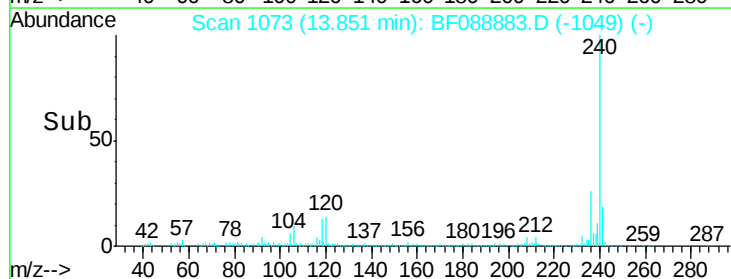
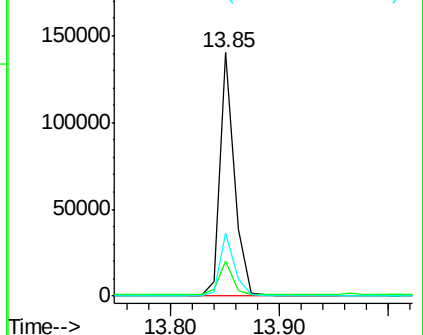


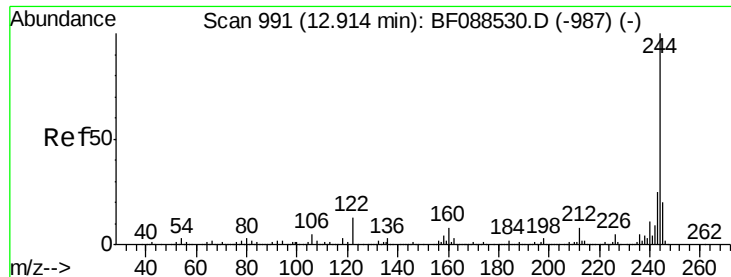
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.85 min Scan# 1073
Delta R.T. -0.02 min
Lab File: BF088883.D
Acq: 9 Jul 2016 21:01

Tgt Ion:240 Resp: 131120
Ion Ratio Lower Upper
240 100
120 14.1 6.8 10.2#
236 26.1 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

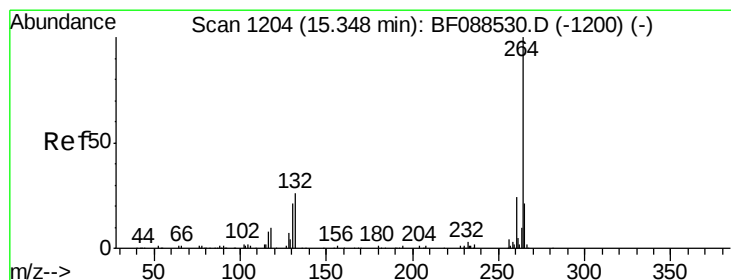
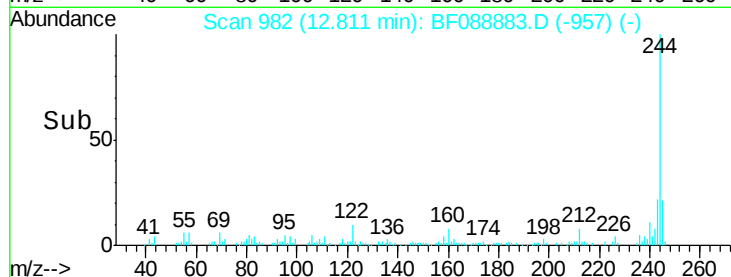
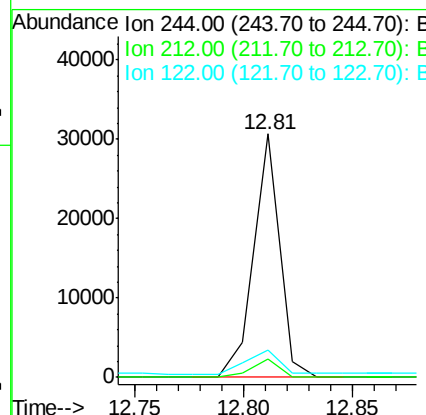
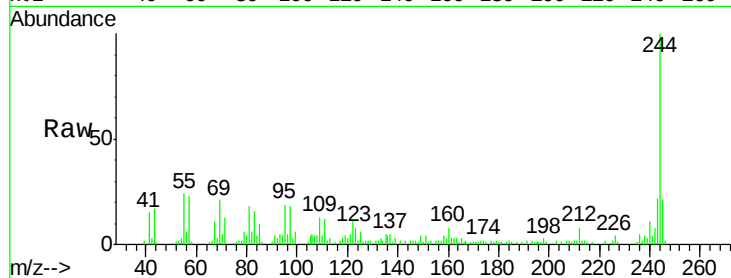




#78
 Terphenyl-d14
 Concen: 4.32 ng
 RT: 12.81 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF088883.D
 Acq: 9 Jul 2016 21:01

Instrument :
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Tgt Ion:244 Resp: 25454
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 11.4 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.23 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF088883.D
 Acq: 9 Jul 2016 21:01

Tgt Ion:264 Resp: 135882
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.4 16.9 25.3

