

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070916\
 Data File : BF088873.D
 Acq On : 9 Jul 2016 16:09
 Operator : UM/SJ
 Sample : H3813-06 25X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-DS001-01

Quant Time: Jul 11 04:34:50 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

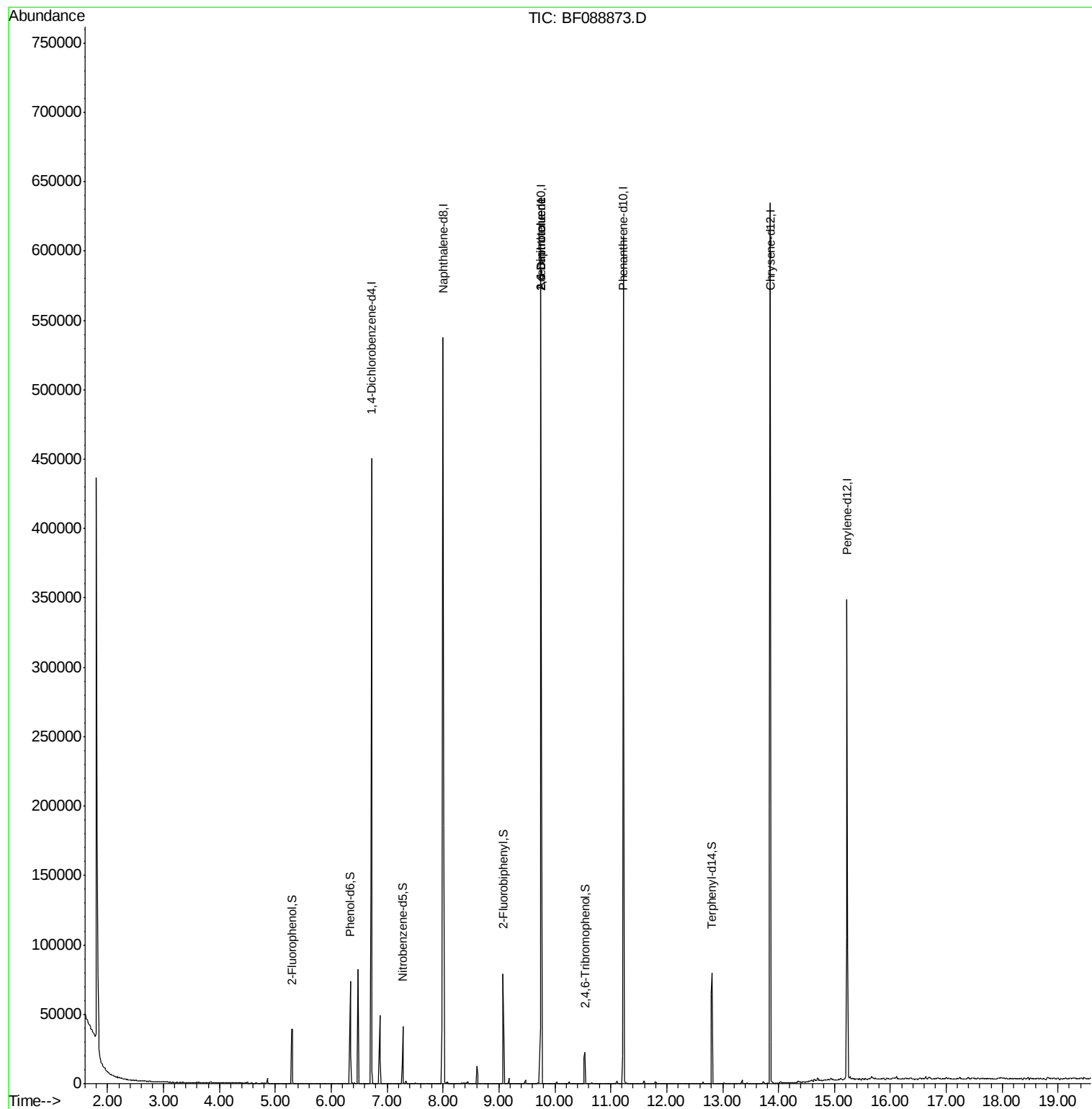
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	69230	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	258401	20.00	ng	-0.02
38) Acenaphthene-d10	9.75	164	127945	20.00	ng	-0.02
63) Phenanthrene-d10	11.22	188	262497	20.00	ng	-0.02
75) Chrysene-d12	13.85	240	214457	20.00	ng	-0.02
86) Perylene-d12	15.22	264	141399	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	17411	3.77	ng	-0.02
7) Phenol-d6	6.34	99	25988	4.35	ng	-0.03
23) Nitrobenzene-d5	7.28	82	14994	3.04	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	4876	4.10	ng	-0.02
44) 2-Fluorobiphenyl	9.07	172	32956	4.07	ng	-0.02
78) Terphenyl-d14	12.81	244	36150	3.75	ng	-0.01
Target Compounds						
50) 2,6-Dinitrotoluene	9.75	165	16361	8.10	ng	# 39
56) 2,4-Dinitrotoluene	9.75	165	16361	6.19	ng	# 37

(#) = 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: BF088873.D

Acq: 9 Jul 2016 16:09

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ClientSampleId :

P001-DS001-01

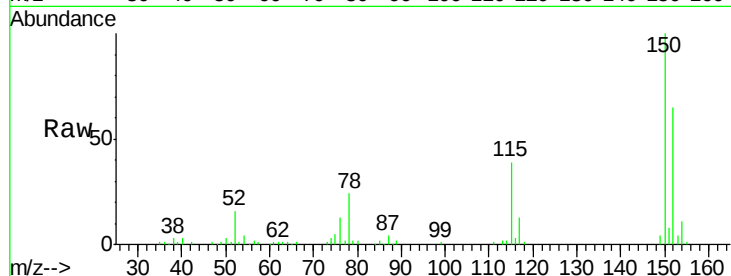
Tgt Ion:152 Resp: 69230

Ion Ratio Lower Upper

152 100

150 154.7 123.8 185.6

115 60.5 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

150000

100000

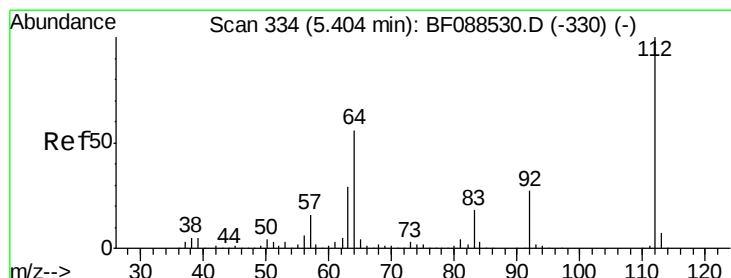
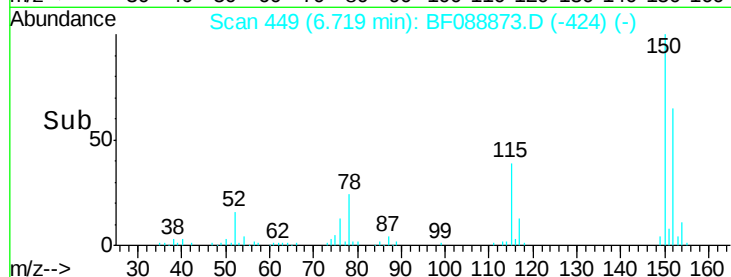
50000

0

6.72

6.75

Time-->



#5

2-Fluorophenol

Concen: 3.77 ng

RT: 5.30 min Scan# 325

Delta R.T. -0.02 min

Lab File: BF088873.D

Acq: 9 Jul 2016 16:09

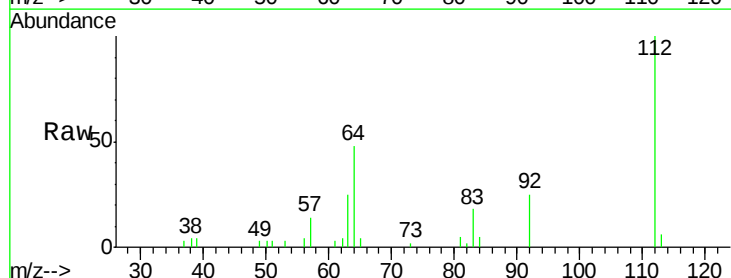
Tgt Ion:112 Resp: 17411

Ion Ratio Lower Upper

112 100

64 48.1 42.2 63.2

63 24.5 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

15000

10000

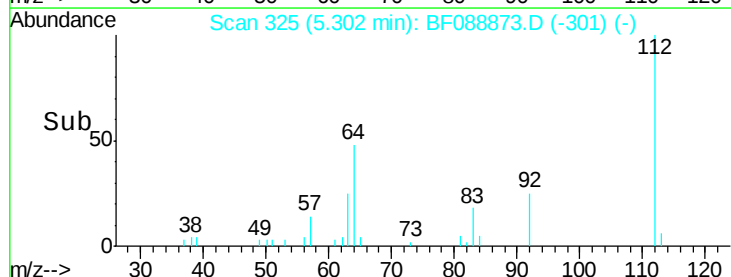
5000

0

5.30

5.35

Time-->





#7

Phenol-d6

Concen: 4.35 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.03 min

Lab File: BF088873.D

Acq: 9 Jul 2016 16:09

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01

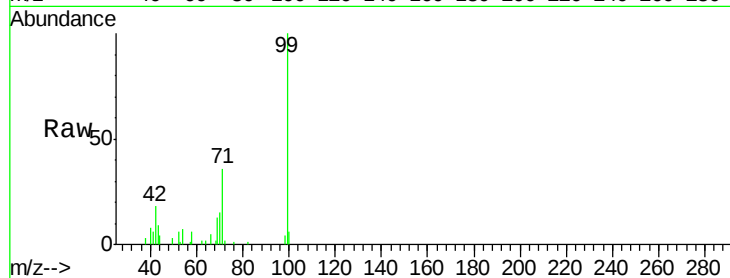
Tgt Ion: 99 Resp: 25988

Ion Ratio Lower Upper

99 100

42 17.8 12.2 18.2

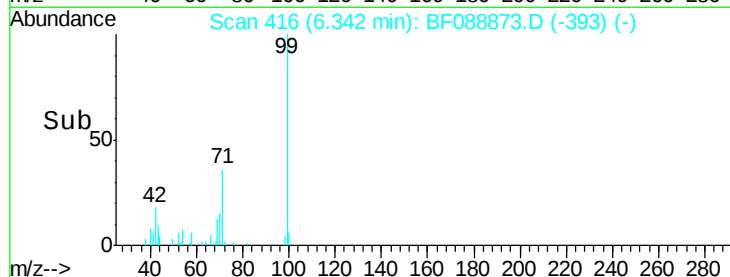
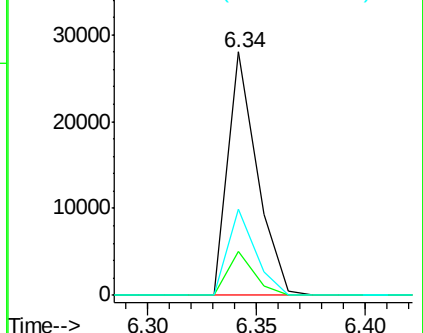
71 35.6 23.4 35.0#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 561

Delta R.T. -0.02 min

Lab File: BF088873.D

Acq: 9 Jul 2016 16:09

Tgt Ion: 136 Resp: 258401

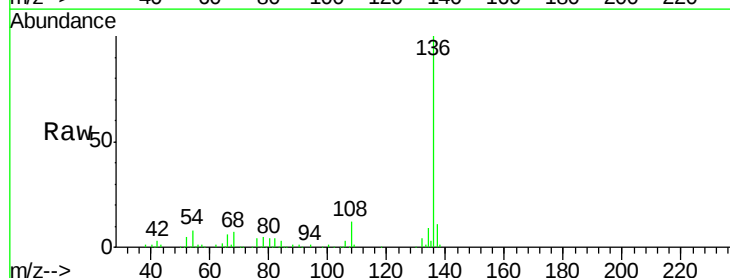
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.5 6.6 10.0

68 6.9 5.1 7.7

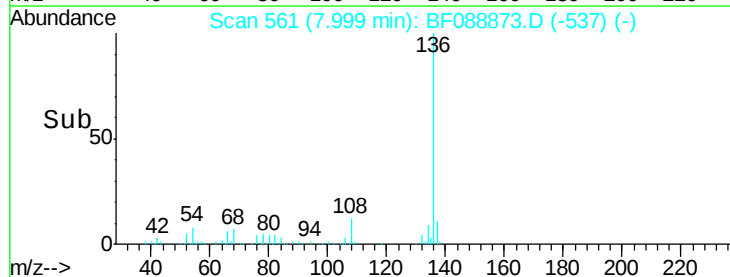
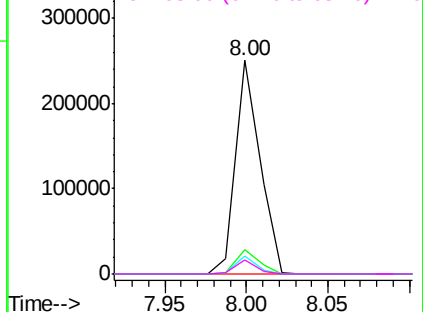


Abundance Ion 136.00 (135.70 to 136.70): E

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

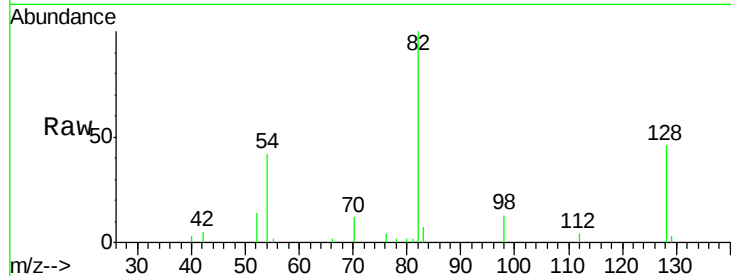




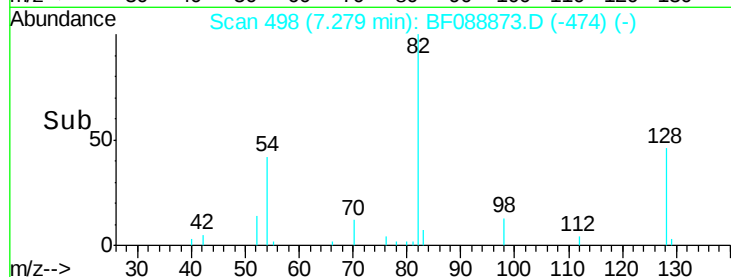
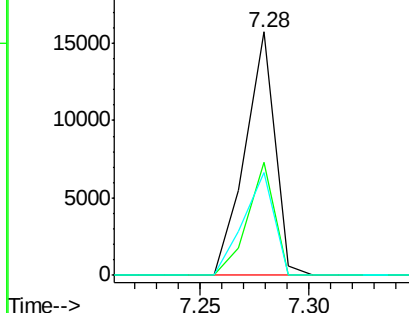
#23
 Nitrobenzene-d5
 Concen: 3.04 ng
 RT: 7.28 min Scan# 498
 Delta R.T. -0.02 min
 Lab File: BF088873.D
 Acq: 9 Jul 2016 16:09

Instrument :
 BNA_F
 ClientSampleId :
 P001-DS001-01

Tgt Ion: 82 Resp: 14994
 Ion Ratio Lower Upper
 82 100
 128 46.2 35.9 53.9
 54 42.2 40.9 61.3

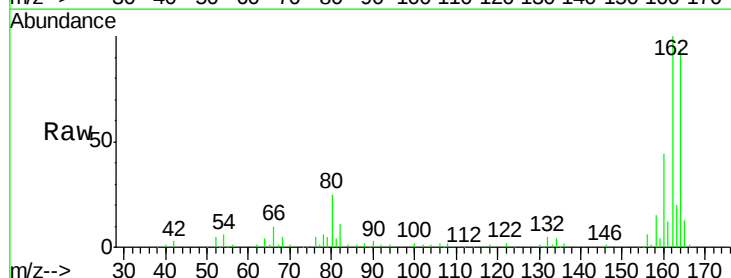


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

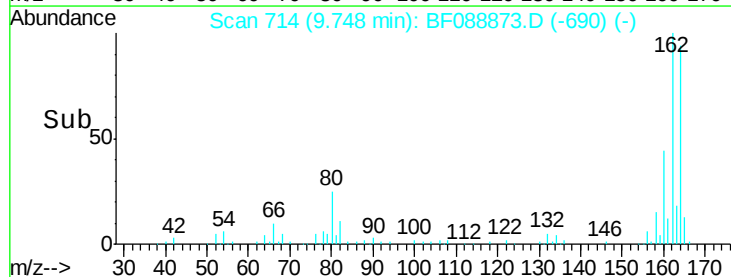
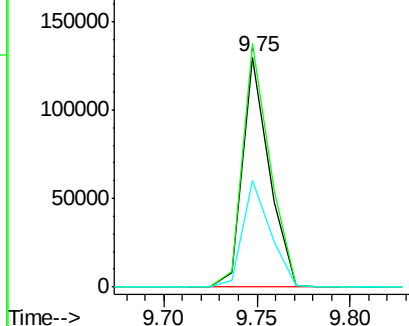


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 714
 Delta R.T. -0.02 min
 Lab File: BF088873.D
 Acq: 9 Jul 2016 16:09

Tgt Ion: 164 Resp: 127945
 Ion Ratio Lower Upper
 164 100
 162 106.0 85.4 128.2
 160 46.6 39.5 59.3



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

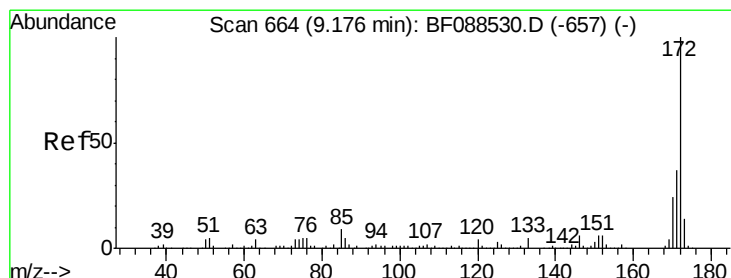
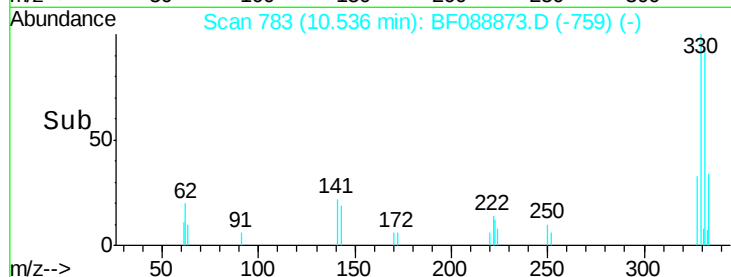
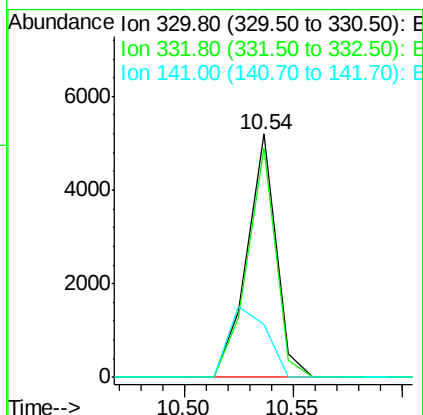
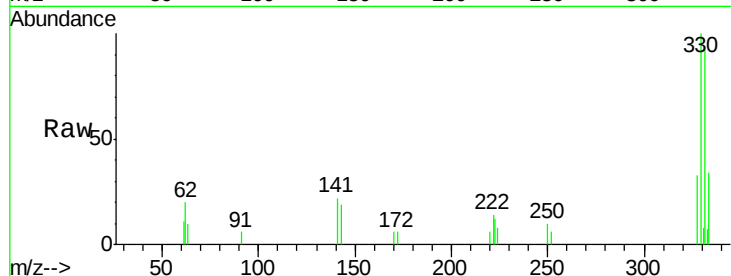




#41
 2,4,6-Tribromophenol
 Concen: 4.10 ng
 RT: 10.54 min Scan# 783
 Delta R.T. -0.02 min
 Lab File: BF088873.D
 Acq: 9 Jul 2016 16:09

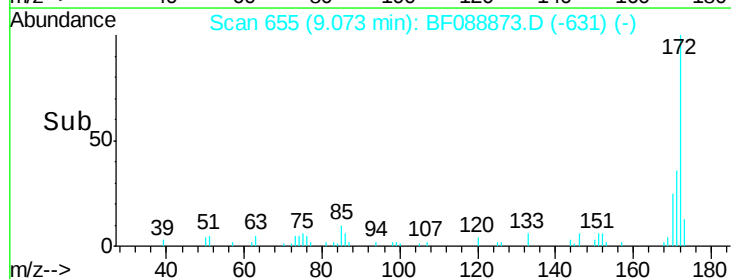
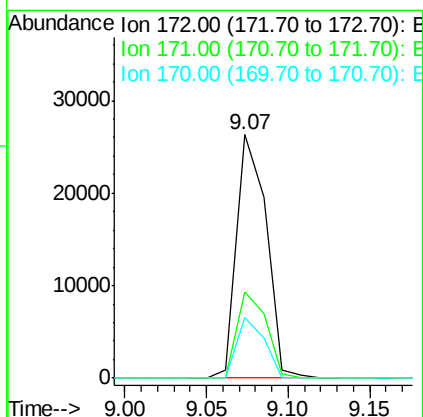
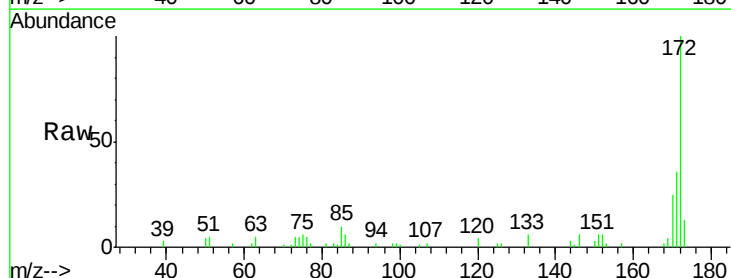
Instrument :
 BNA_F
 ClientSampleId :
 P001-DS001-01

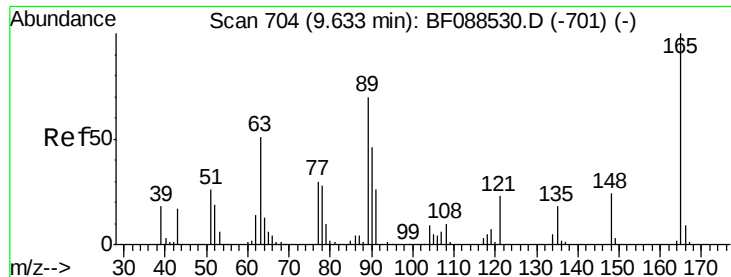
Tgt Ion:330 Resp: 4876
 Ion Ratio Lower Upper
 330 100
 332 91.9 0.0 0.0#
 141 36.9 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 4.07 ng
 RT: 9.07 min Scan# 655
 Delta R.T. -0.02 min
 Lab File: BF088873.D
 Acq: 9 Jul 2016 16:09

Tgt Ion:172 Resp: 32956
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.6 43.0
 170 24.6 19.2 28.8

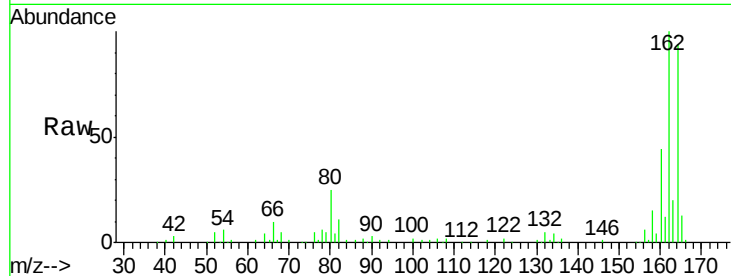




#50
 2,6-Dinitrotoluene
 Concen: 8.10 ng
 RT: 9.75 min Scan# 714
 Delta R.T. 0.18 min
 Lab File: BF088873.D
 Acq: 9 Jul 2016 16:09

Instrument :
 BNA_F
 ClientSampleId :
 P001-DS001-01

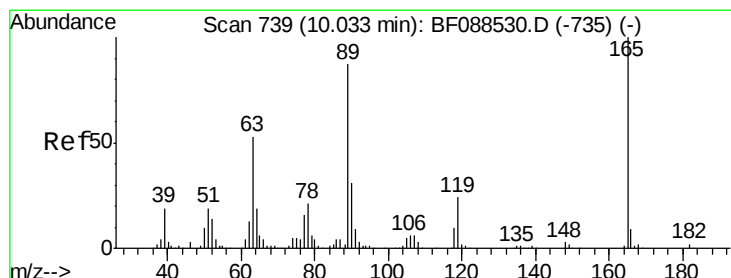
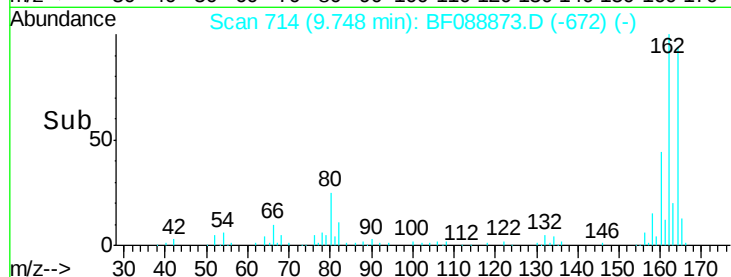
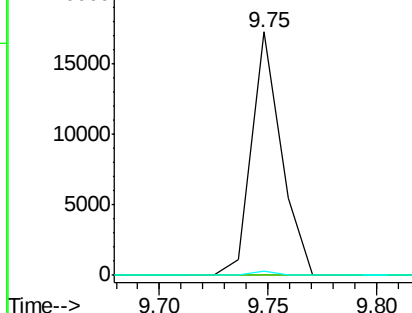
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.1	42.1#
89	1.8	32.2	48.2#



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: 6.19 ng
 RT: 9.75 min Scan# 714
 Delta R.T. -0.21 min
 Lab File: BF088873.D
 Acq: 9 Jul 2016 16:09

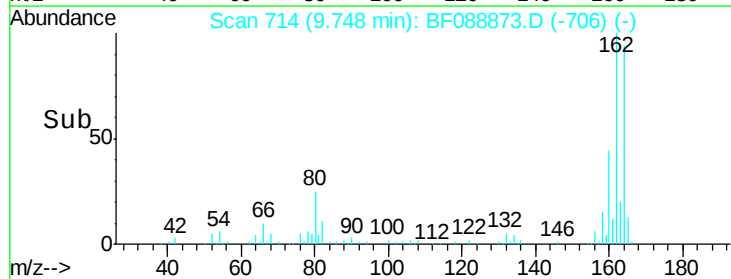
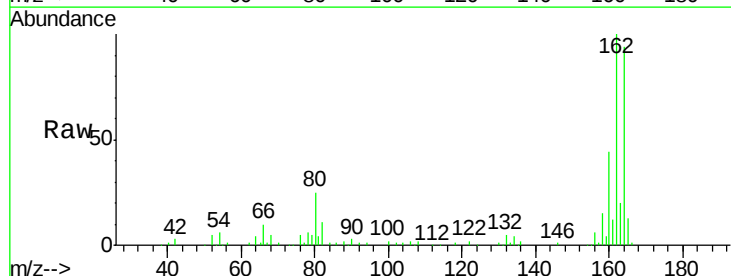
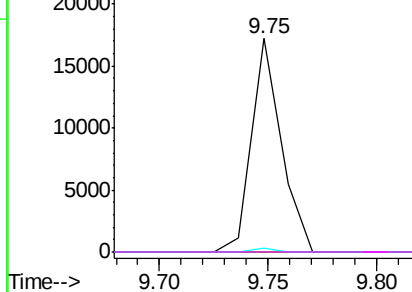
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	1.8	41.1	61.7#
182	0.0	2.0	3.0#

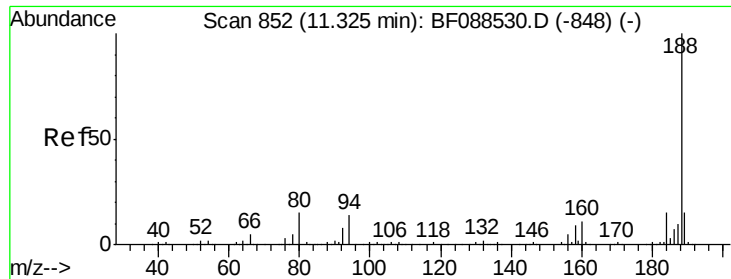
Abundance Ion 165.00 (164.70 to 165.70): E

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

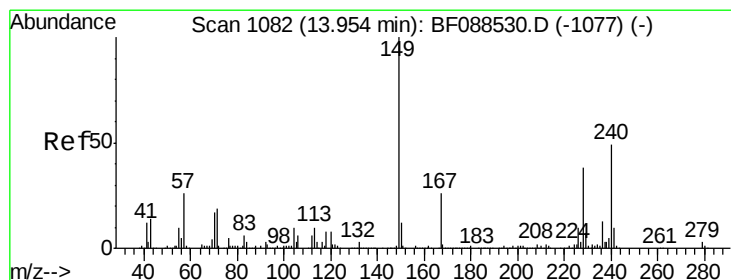
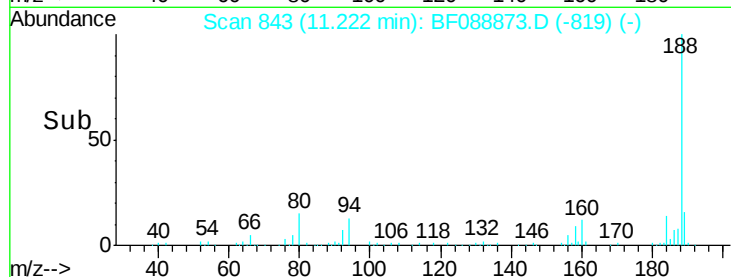
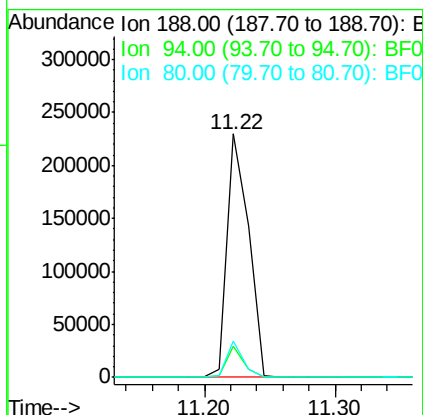
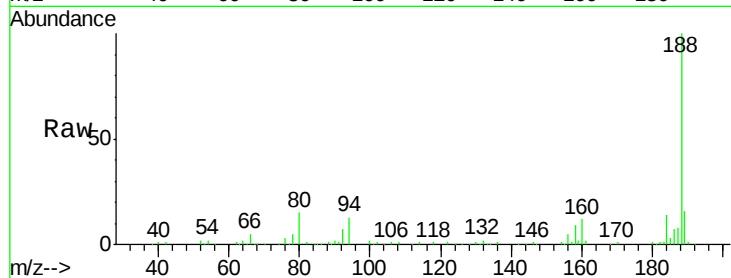




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 843
Delta R.T. -0.02 min
Lab File: BF088873.D
Acq: 9 Jul 2016 16:09

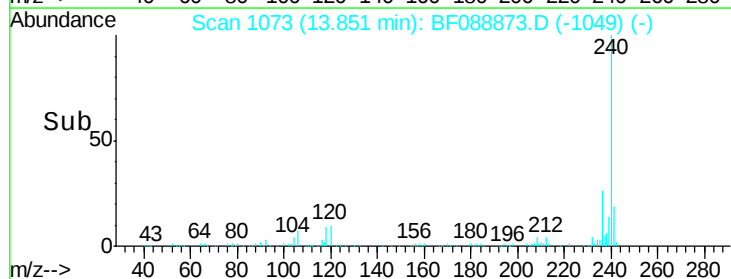
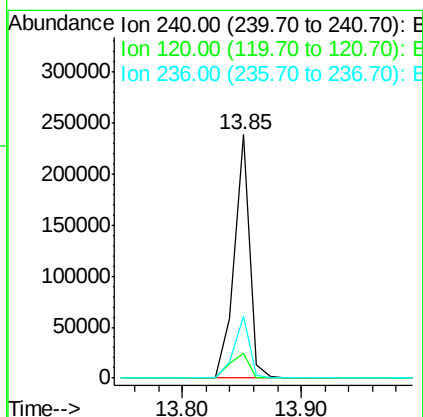
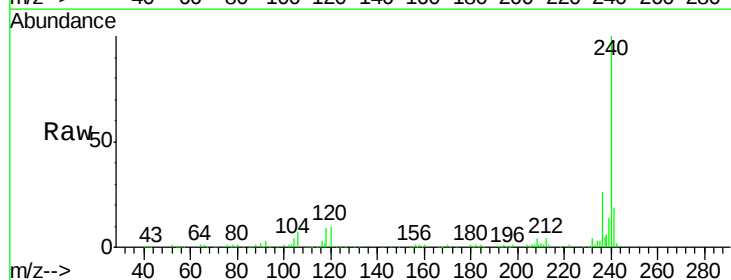
Instrument :
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P001-DS001-01

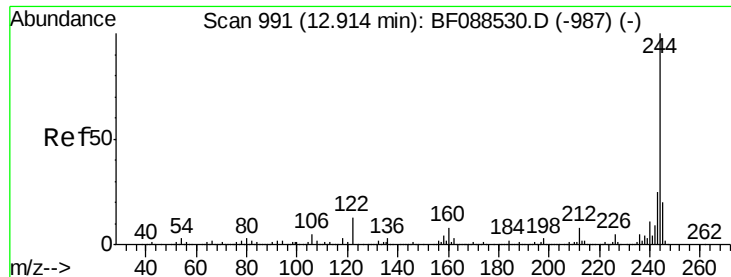
Tgt Ion:188 Resp: 262497
Ion Ratio Lower Upper
188 100
94 12.8 9.0 13.6
80 14.9 10.0 15.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.85 min Scan# 1073
Delta R.T. -0.02 min
Lab File: BF088873.D
Acq: 9 Jul 2016 16:09

Tgt Ion:240 Resp: 214457
Ion Ratio Lower Upper
240 100
120 9.9 6.8 10.2
236 25.5 20.2 30.2

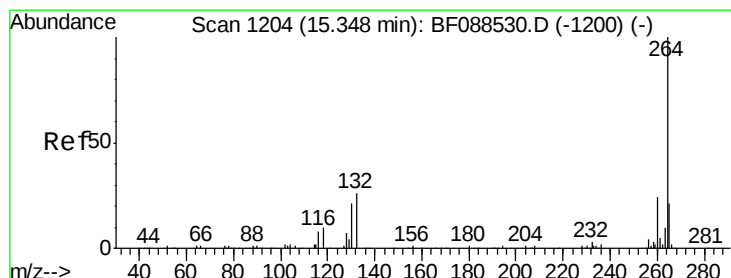
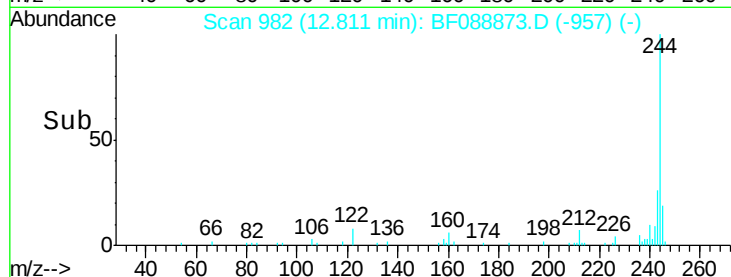
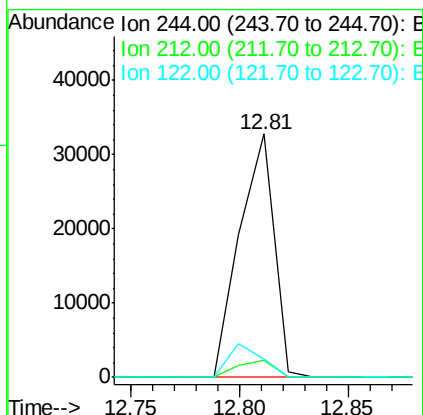
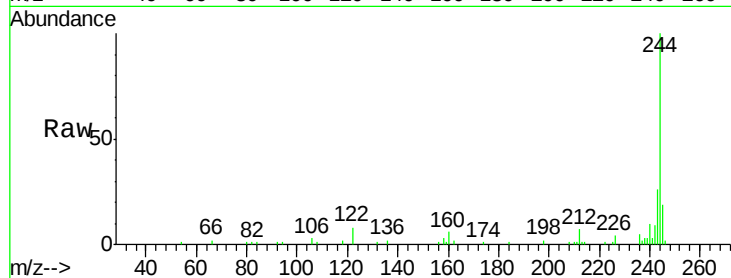




#78
 Terphenyl-d14
 Concen: 3.75 ng
 RT: 12.81 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF088873.D
 Acq: 9 Jul 2016 16:09

Instrument :
 BNA_F
 ClientSampleId :
 P001-DS001-01

Tgt Ion:244 Resp: 36150
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 7.8 11.2 16.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.22 min Scan# 1193
 Delta R.T. -0.02 min
 Lab File: BF088873.D
 Acq: 9 Jul 2016 16:09

Tgt Ion:264 Resp: 141399
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.4 16.9 25.3

