

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070916\
 Data File : BF088872.D
 Acq On : 9 Jul 2016 15:40
 Operator : UM/SJ
 Sample : H3813-04 25X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-DL003-01

Quant Time: Jul 11 04:34:40 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

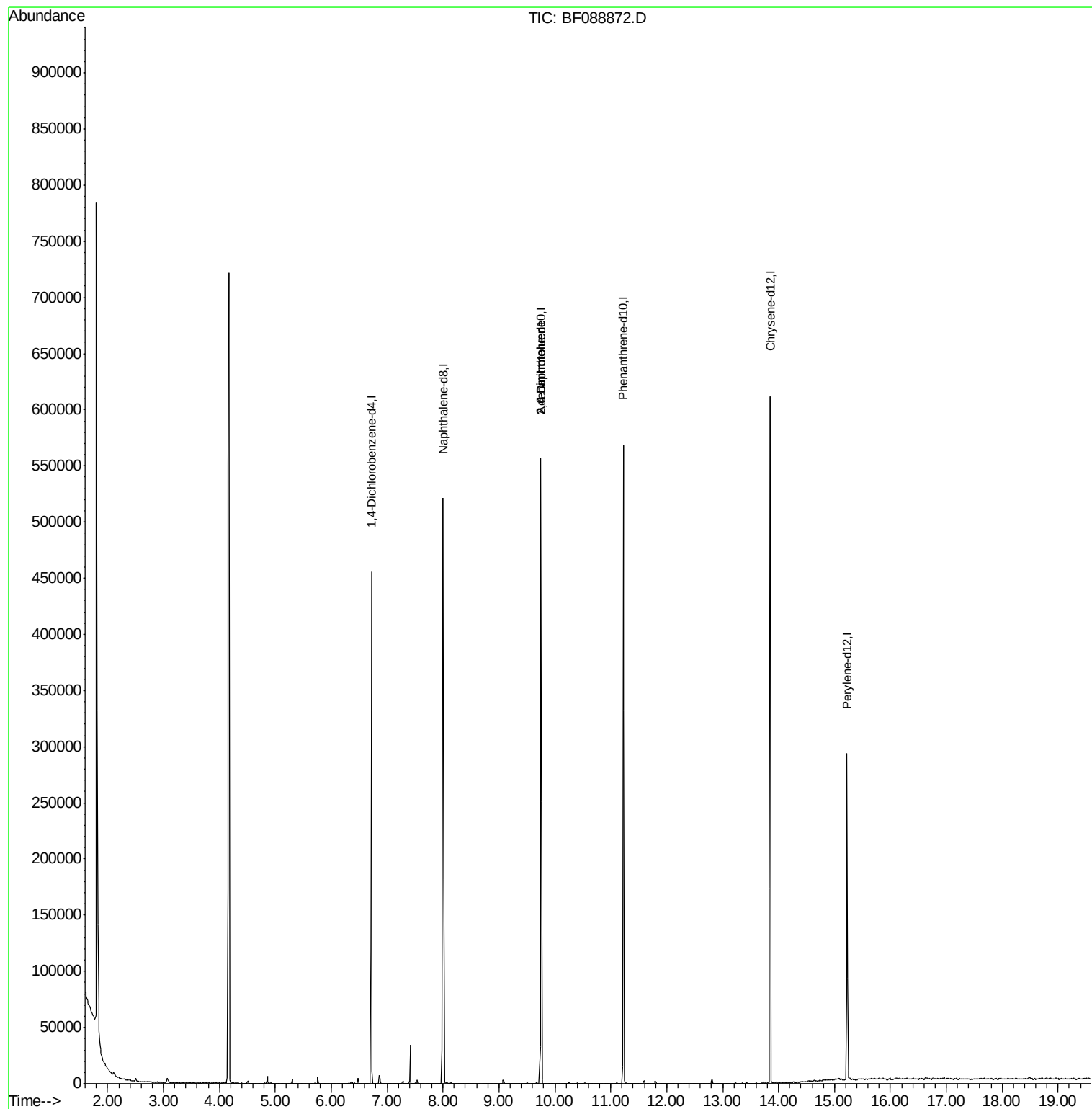
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	68338	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	252821	20.00	ng	-0.02
38) Acenaphthene-d10	9.75	164	119796	20.00	ng	-0.02
63) Phenanthrene-d10	11.22	188	248828	20.00	ng	-0.02
75) Chrysene-d12	13.85	240	200845	20.00	ng	-0.02
86) Perylene-d12	15.22	264	107128	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1457	0.32	ng	-0.02
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	7.28	82	1396	0.29	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	278	0.25	ng	-0.02
44) 2-Fluorobiphenyl	9.07	172	2615	0.34	ng	-0.02
78) Terphenyl-d14	12.81	244	2742	0.30	ng	-0.01
Target Compounds						
50) 2,6-Dinitrotoluene	9.75	165	15072	7.97	ng	# 37
56) 2,4-Dinitrotoluene	9.75	165	15072	6.09	ng	# 36

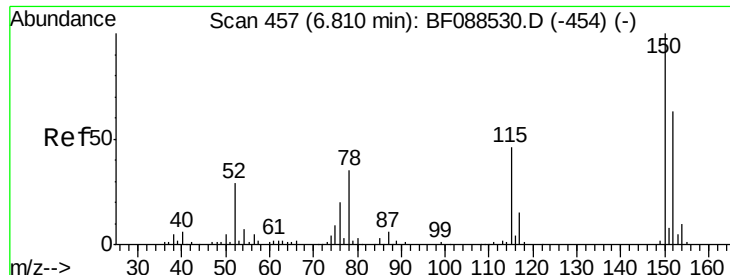
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.72 min Scan# 449

Delta R.T. -0.01 min

Lab File: BF088872.D

Acq: 9 Jul 2016 15:40

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BNA_F

ClientSampleId :

P001-DL003-01

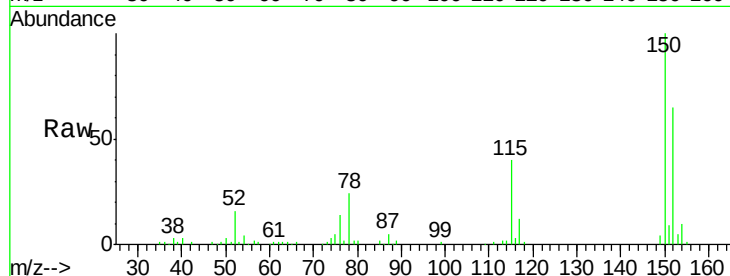
Tgt Ion:152 Resp: 68338

Ion Ratio Lower Upper

152 100

150 154.4 123.8 185.6

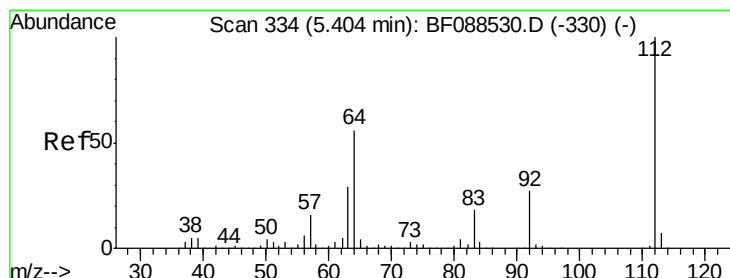
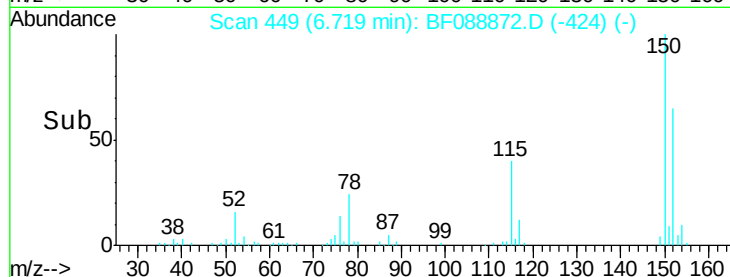
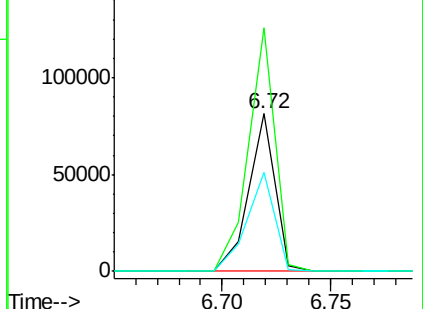
115 62.5 39.6 59.4#



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



#5

2-Fluorophenol

Concen: 0.32 ng

RT: 5.30 min Scan# 325

Delta R.T. -0.02 min

Lab File: BF088872.D

Acq: 9 Jul 2016 15:40

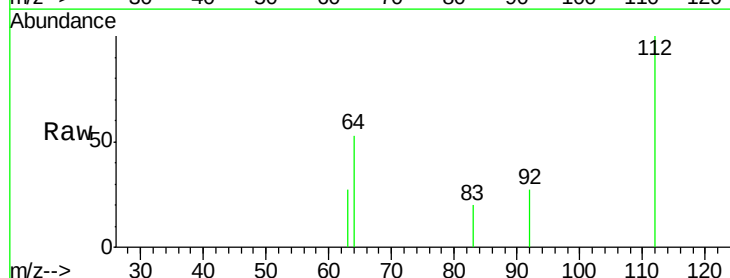
Tgt Ion:112 Resp: 1457

Ion Ratio Lower Upper

112 100

64 53.0 42.2 63.2

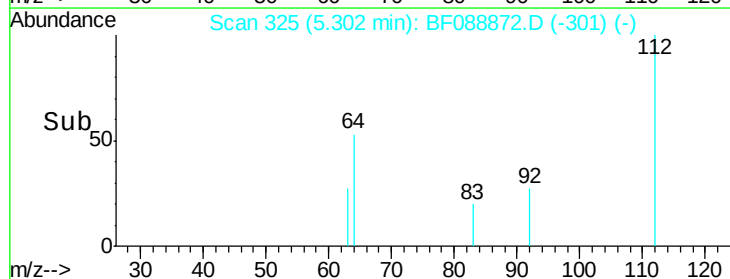
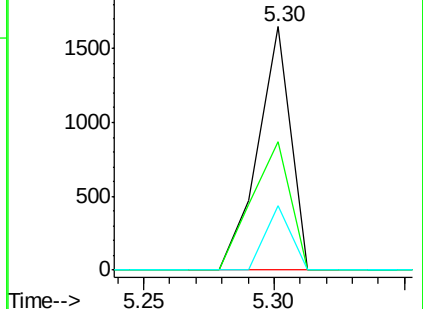
63 26.5 21.8 32.8

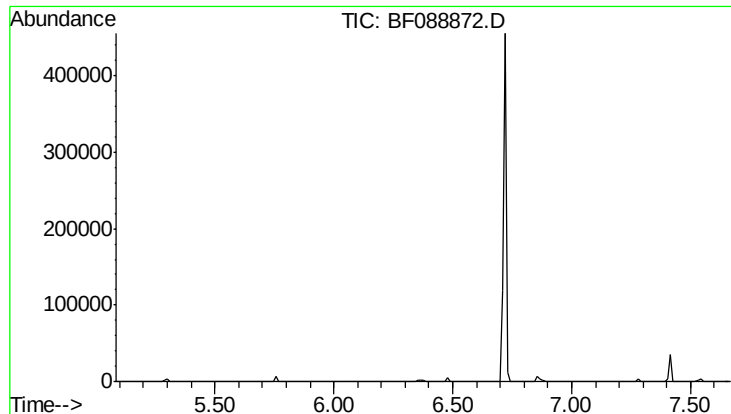


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 6.38 min

Lab File: BF088872.D

Acq: 9 Jul 2016 15:40

Instrument :

BNA_F

ClientSampleId :

P001-DL003-01

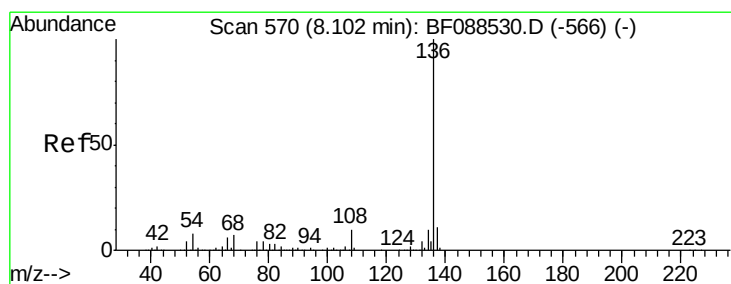
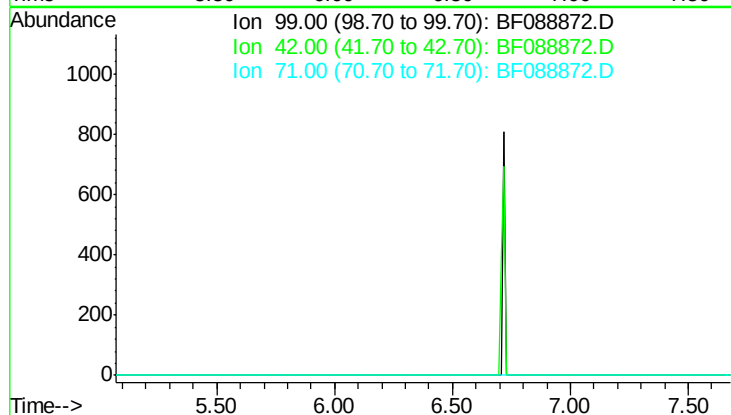
Tgt Ion: 99

Sig Exp Ratio

99 100

42 15.2

71 29.2



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 561

Delta R.T. -0.02 min

Lab File: BF088872.D

Acq: 9 Jul 2016 15:40

Tgt Ion:136 Resp: 252821

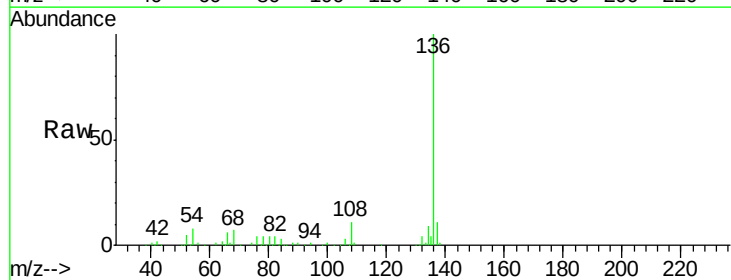
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 8.5 6.6 10.0

68 6.8 5.1 7.7

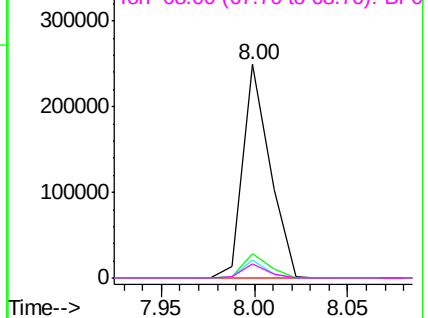
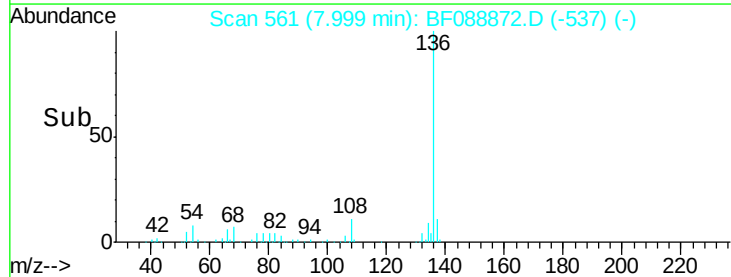


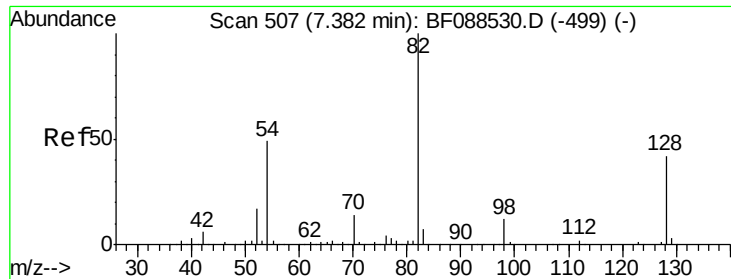
Abundance Ion 136.00 (135.70 to 136.70): E

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

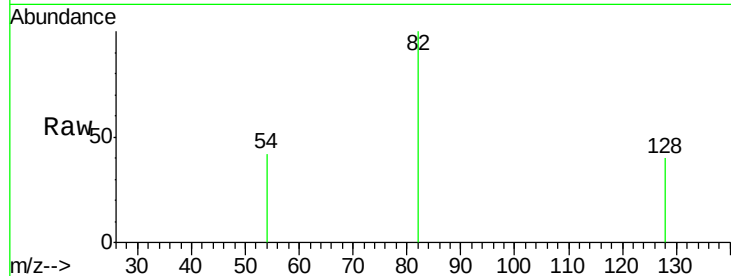




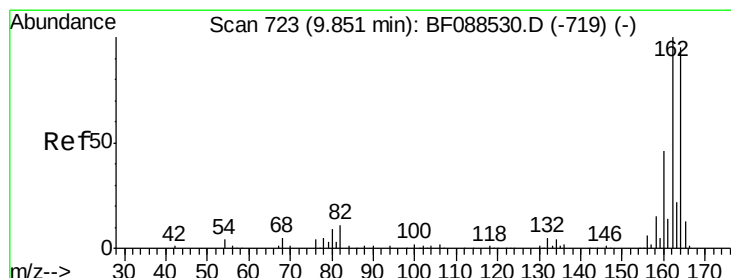
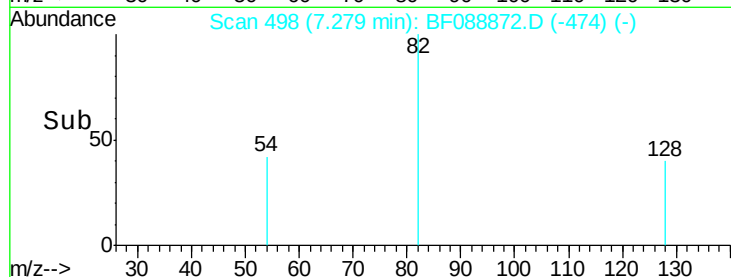
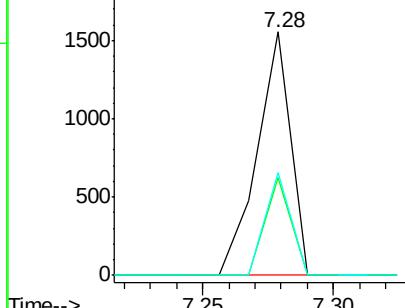
#23
 Nitrobenzene-d5
 Concen: 0.29 ng
 RT: 7.28 min Scan# 498
 Delta R.T. -0.02 min
 Lab File: BF088872.D
 Acq: 9 Jul 2016 15:40

Instrument :
 BNA_F
 ClientSampleId :
 P001-DL003-01

Tgt Ion: 82 Resp: 1396
 Ion Ratio Lower Upper
 82 100
 128 40.0 35.9 53.9
 54 42.0 40.9 61.3

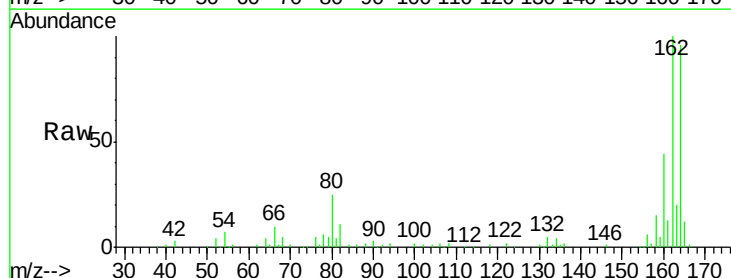


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

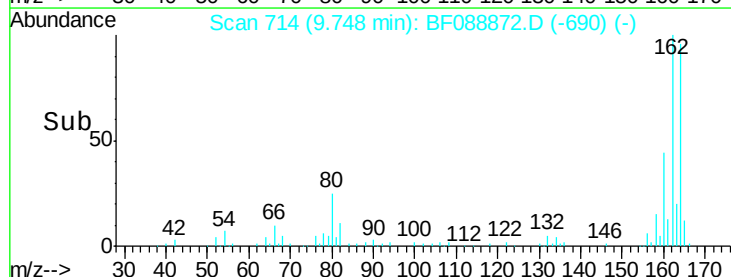
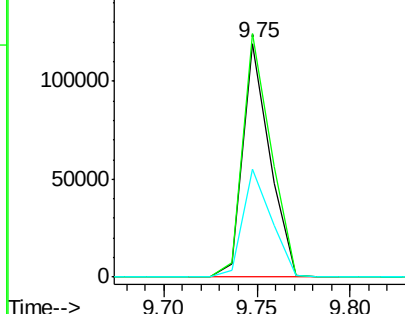


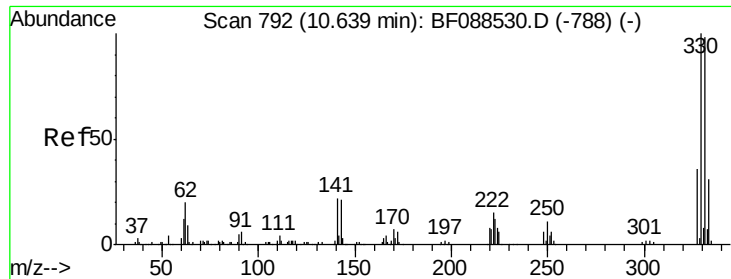
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 714
 Delta R.T. -0.02 min
 Lab File: BF088872.D
 Acq: 9 Jul 2016 15:40

Tgt Ion: 164 Resp: 119796
 Ion Ratio Lower Upper
 164 100
 162 104.3 85.4 128.2
 160 46.2 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

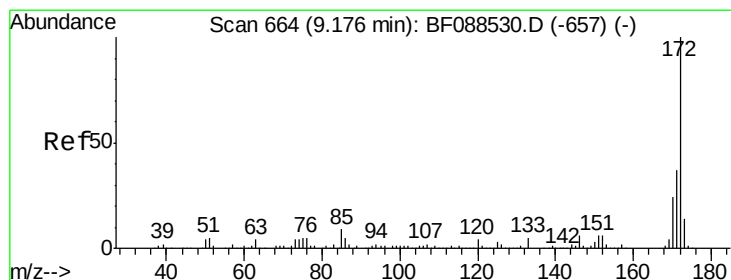
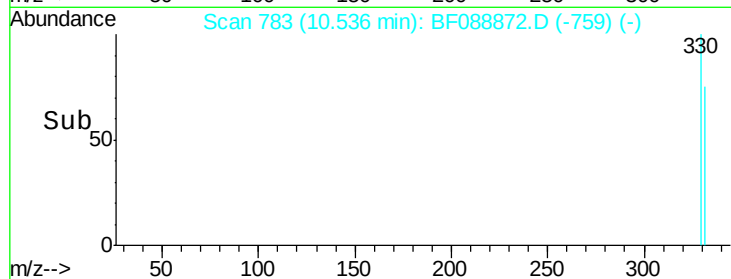
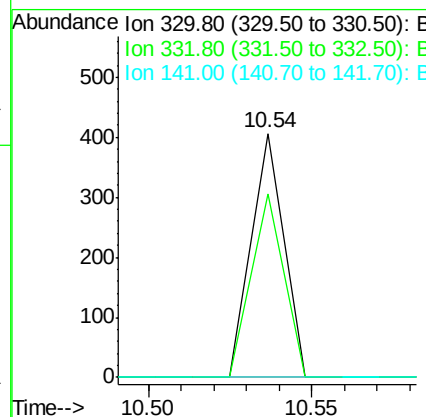
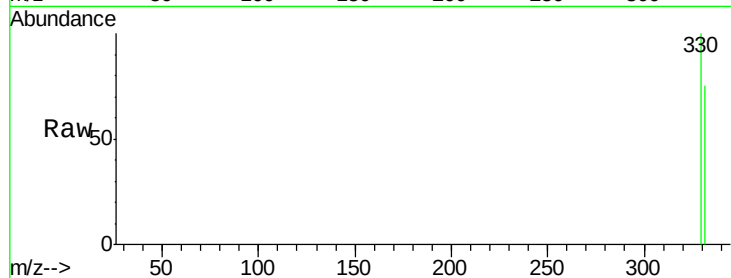




#41
 2,4,6-Tribromophenol
 Concen: 0.25 ng
 RT: 10.54 min Scan# 783
 Delta R.T. -0.02 min
 Lab File: BF088872.D
 Acq: 9 Jul 2016 15:40

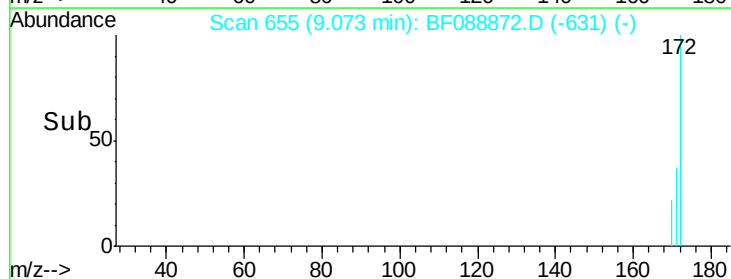
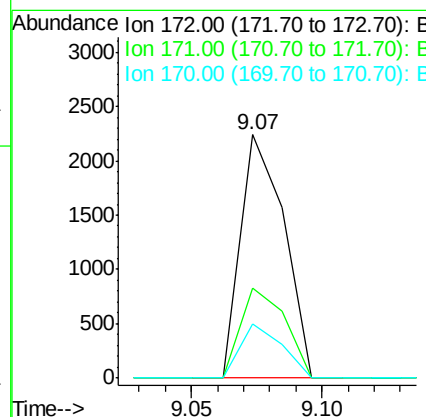
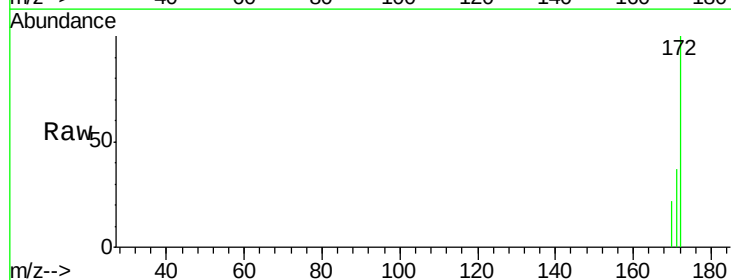
Instrument :
 BNA_F
 ClientSampleId :
 P001-DL003-01

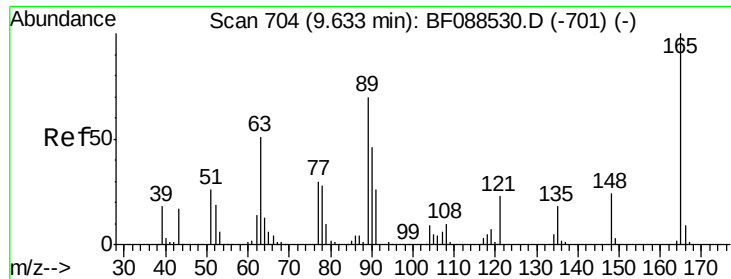
Tgt Ion: 330 Resp: 278
 Ion Ratio Lower Upper
 330 100
 332 75.2 0.0 0.0#
 141 0.0 0.0 0.0



#44
 2-Fluorobiphenyl
 Concen: 0.34 ng
 RT: 9.07 min Scan# 655
 Delta R.T. -0.02 min
 Lab File: BF088872.D
 Acq: 9 Jul 2016 15:40

Tgt Ion: 172 Resp: 2615
 Ion Ratio Lower Upper
 172 100
 171 36.7 28.6 43.0
 170 22.2 19.2 28.8

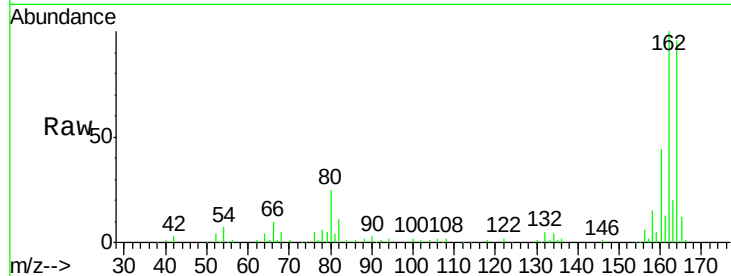




#50
 2,6-Dinitrotoluene
 Concen: 7.97 ng
 RT: 9.75 min Scan# 714
 Delta R.T. 0.18 min
 Lab File: BF088872.D
 Acq: 9 Jul 2016 15:40

Instrument :
 BNA_F
 ClientSampleId :
 P001-DL003-01

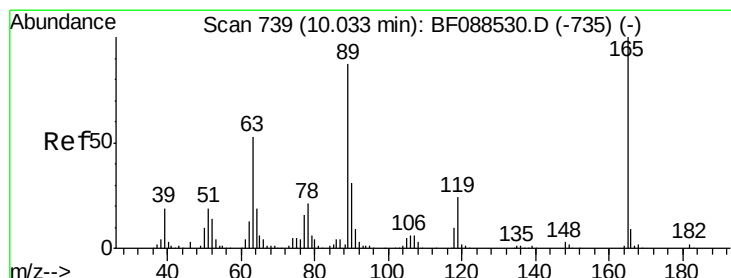
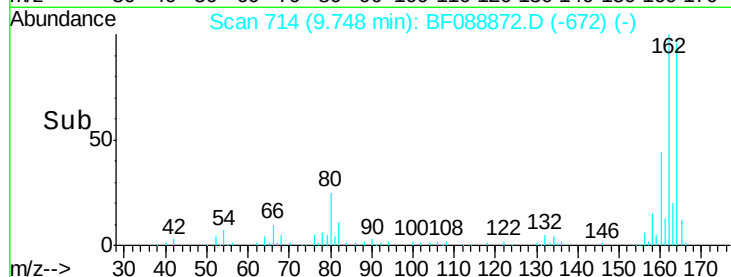
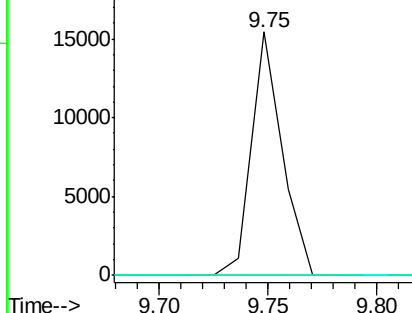
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.1	42.1#
89	0.0	32.2	48.2#



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: 6.09 ng
 RT: 9.75 min Scan# 714
 Delta R.T. -0.21 min
 Lab File: BF088872.D
 Acq: 9 Jul 2016 15:40

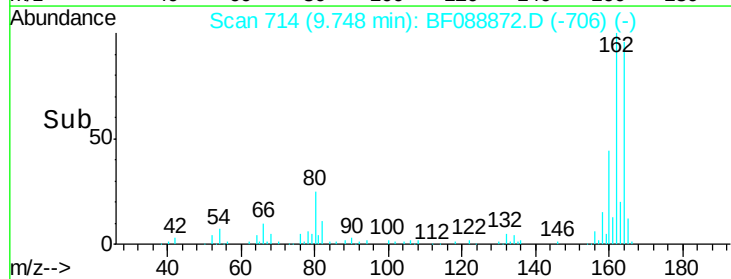
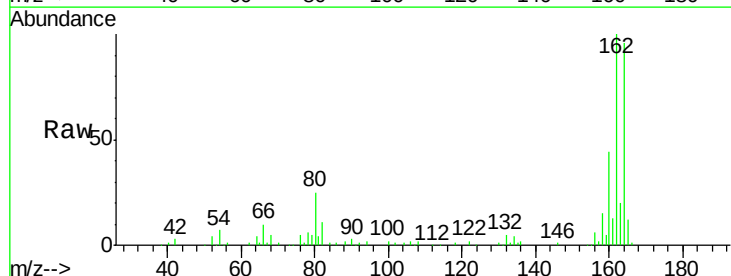
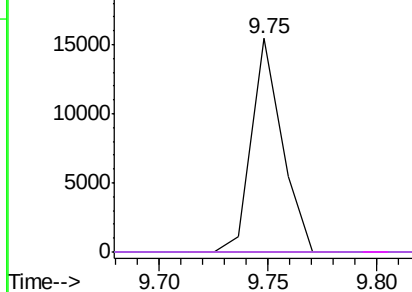
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	0.0	41.1	61.7#
182	0.0	2.0	3.0#

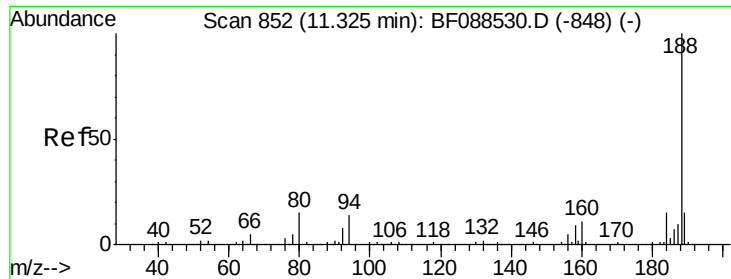
Abundance Ion 165.00 (164.70 to 165.70): E

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

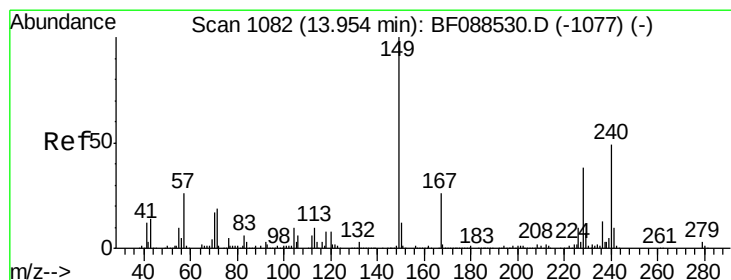
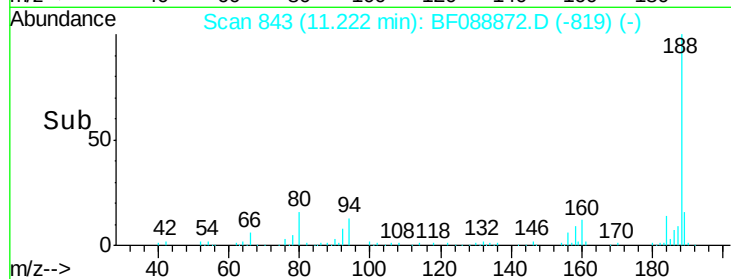
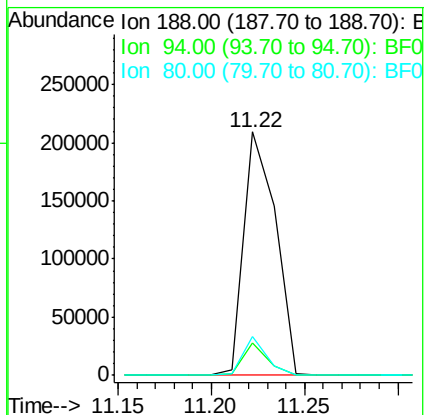
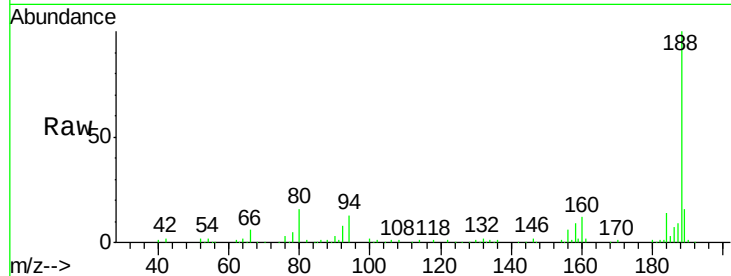




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 843
Delta R.T. -0.02 min
Lab File: BF088872.D
Acq: 9 Jul 2016 15:40

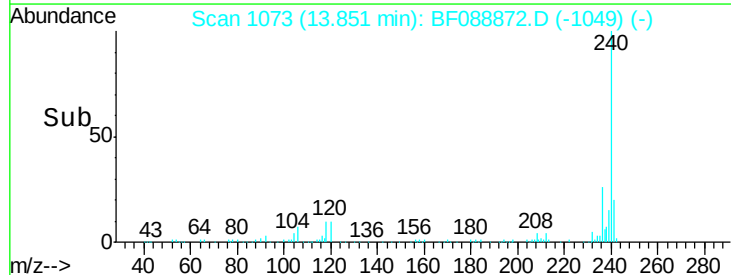
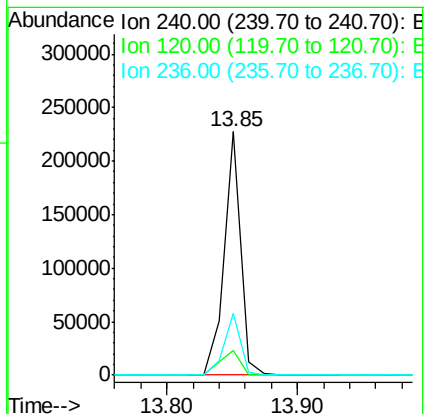
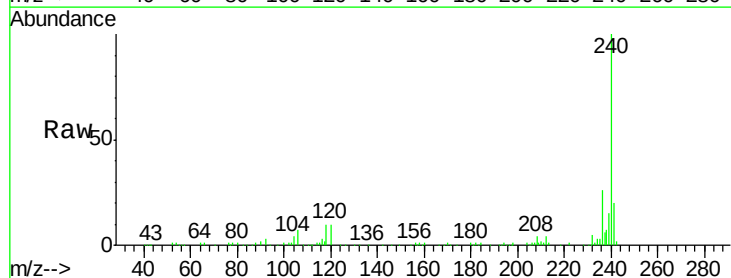
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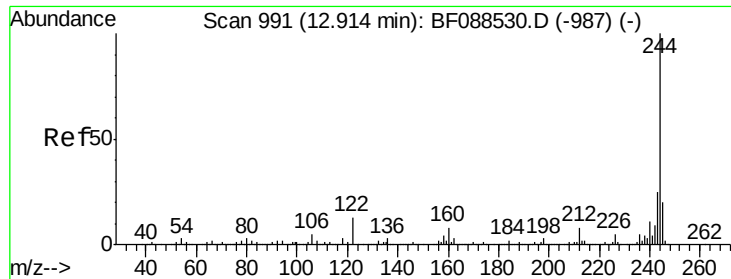
Tgt Ion:188 Resp: 248828
Ion Ratio Lower Upper
188 100
94 13.5 9.0 13.6
80 16.0 10.0 15.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.85 min Scan# 1073
Delta R.T. -0.02 min
Lab File: BF088872.D
Acq: 9 Jul 2016 15:40

Tgt Ion:240 Resp: 200845
Ion Ratio Lower Upper
240 100
120 10.0 6.8 10.2
236 25.6 20.2 30.2

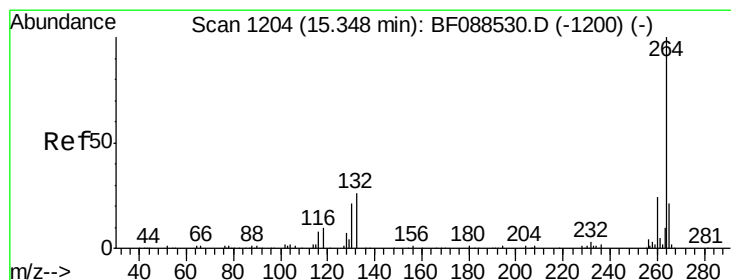
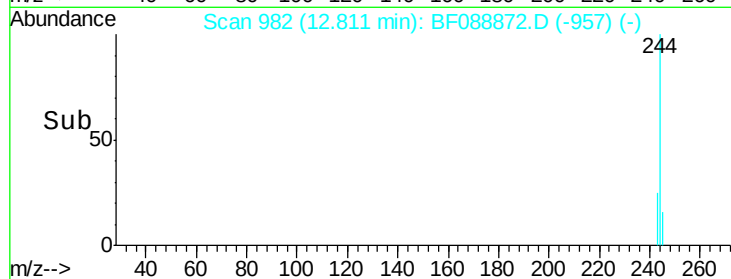
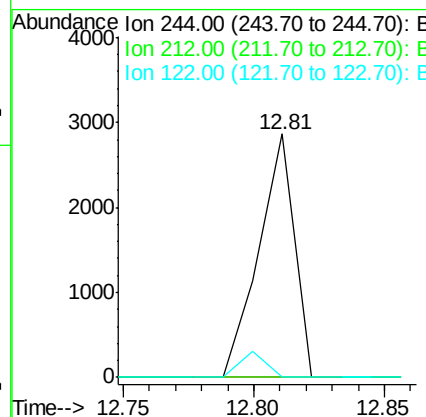
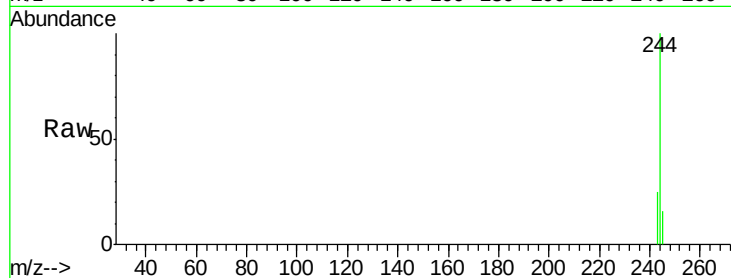




#78
 Terphenyl-d14
 Concen: 0.30 ng
 RT: 12.81 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF088872.D
 Acq: 9 Jul 2016 15:40

Instrument :
 BNA_F
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 P001-DL003-01

Tgt Ion: 244 Resp: 2742
 Ion Ratio Lower Upper
 244 100
 212 0.0 6.0 9.0#
 122 0.0 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: BF088872.D
 Acq: 9 Jul 2016 15:40

Tgt Ion: 264 Resp: 107128
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.2 28.8
 265 21.1 16.9 25.3

