

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070916\
 Data File : BF088865.D
 Acq On : 9 Jul 2016 12:09
 Operator : UM/SJ
 Sample : PB91808BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91808BL

Quant Time: Jul 11 04:32:48 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

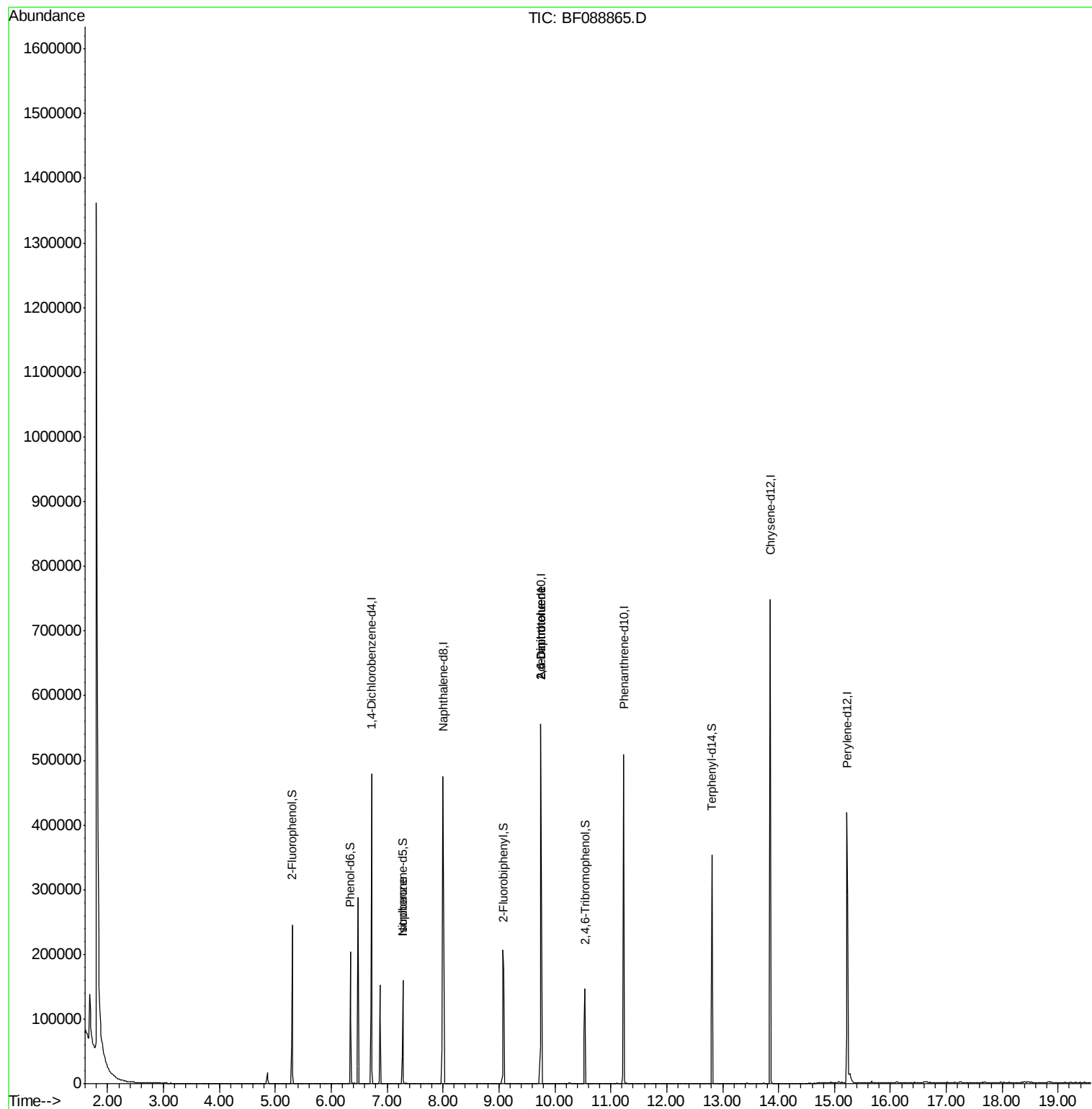
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	69385	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	265633	20.00	ng	-0.02
38) Acenaphthene-d10	9.75	164	129565	20.00	ng	-0.02
63) Phenanthrene-d10	11.23	188	276581	20.00	ng	-0.01
75) Chrysene-d12	13.85	240	233027	20.00	ng	-0.02
86) Perylene-d12	15.22	264	206001	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	67373	14.55	ng	-0.02
7) Phenol-d6	6.34	99	80602	13.47	ng	-0.03
23) Nitrobenzene-d5	7.28	82	52185	10.30	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	21181	17.60	ng	-0.02
44) 2-Fluorobiphenyl	9.08	172	100768	12.29	ng	-0.01
78) Terphenyl-d14	12.81	244	110907	10.60	ng	-0.01
Target Compounds						
25) Isophorone	7.28	82	41897	4.46	ng	# 65
50) 2,6-Dinitrotoluene	9.75	165	16665	8.15	ng	# 37
56) 2,4-Dinitrotoluene	9.75	165	16665	6.23	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: BF088865.D

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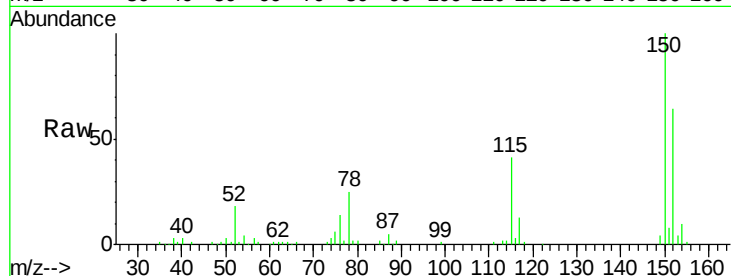
Tgt Ion:152 Resp: 69385

Ion Ratio Lower Upper

152 100

150 157.3 123.8 185.6

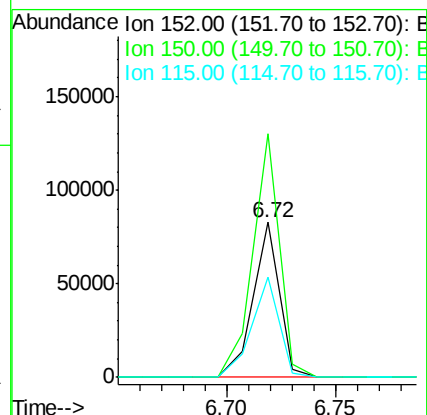
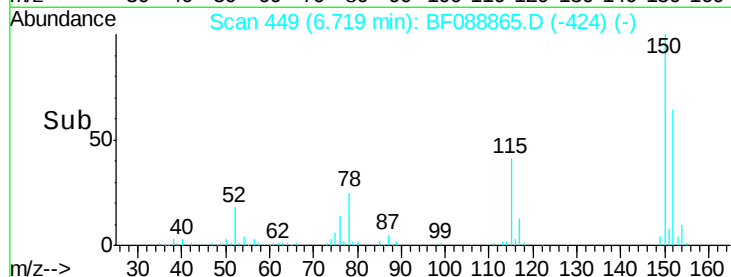
115 64.5 39.6 59.4#



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: 14.55 ng

RT: 5.30 min Scan# 325

Delta R.T. -0.02 min

Lab File: BF088865.D

Acq: 9 Jul 2016 12:09

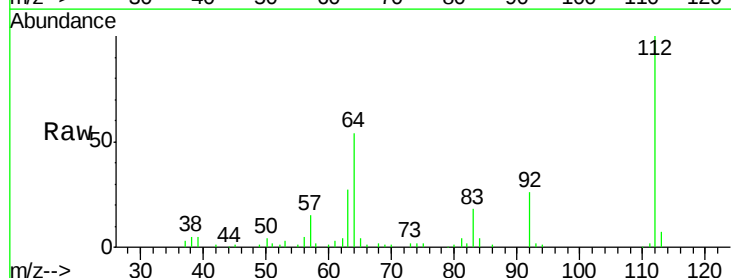
Tgt Ion:112 Resp: 67373

Ion Ratio Lower Upper

112 100

64 53.5 42.2 63.2

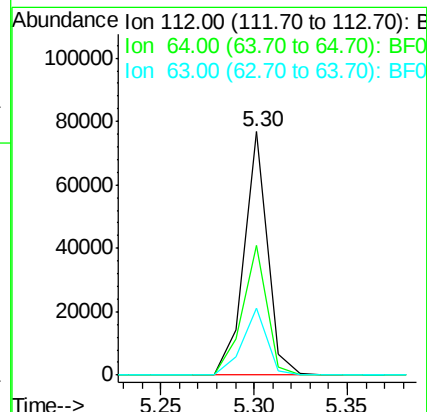
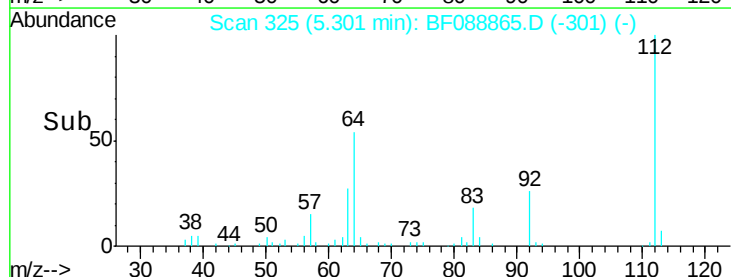
63 27.3 21.8 32.8



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: 13.47 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.03 min

Lab File: BF088865.D

Acq: 9 Jul 2016 12:09

Instrument :

BNA_F

ClientSampleId :

PB91808BL

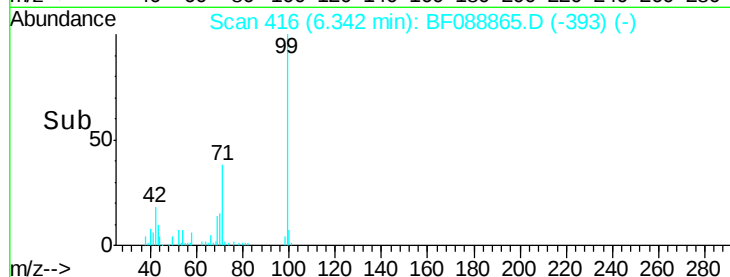
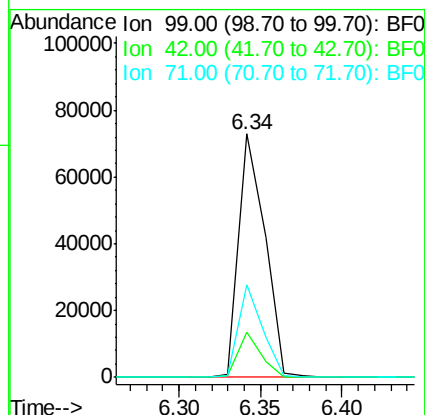
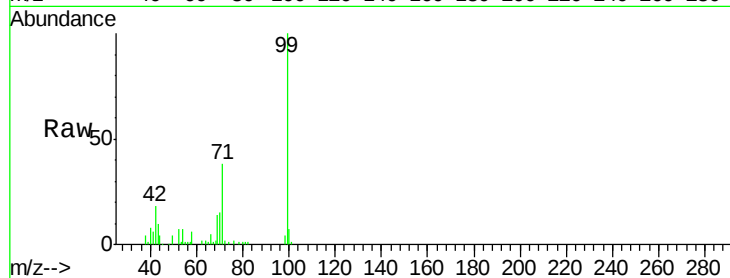
Tgt Ion: 99 Resp: 80602

Ion Ratio Lower Upper

99 100

42 18.4 12.2 18.2#

71 37.8 23.4 35.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 561

Delta R.T. -0.02 min

Lab File: BF088865.D

Acq: 9 Jul 2016 12:09

Tgt Ion: 136 Resp: 265633

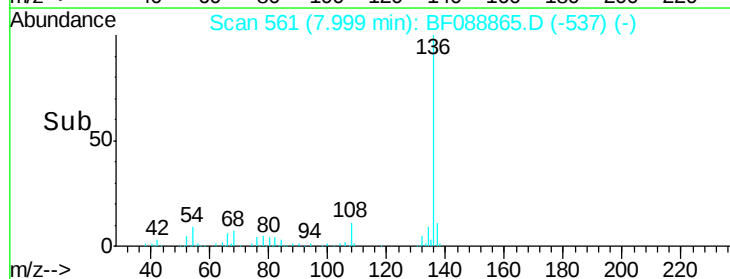
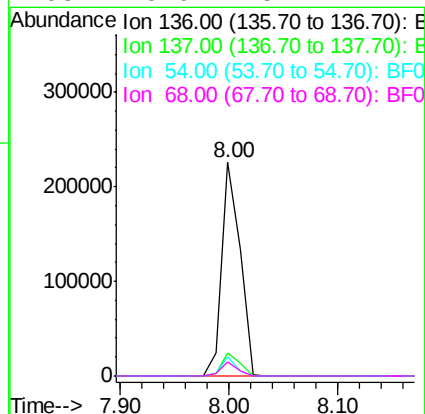
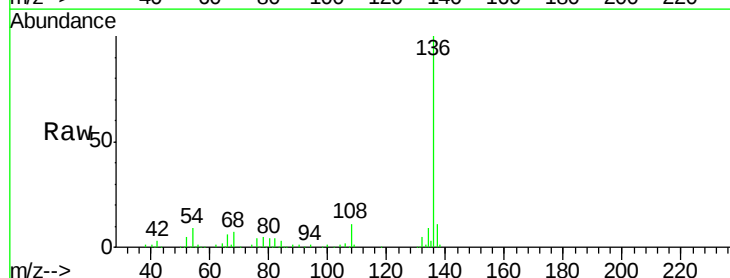
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 8.7 6.6 10.0

68 6.9 5.1 7.7

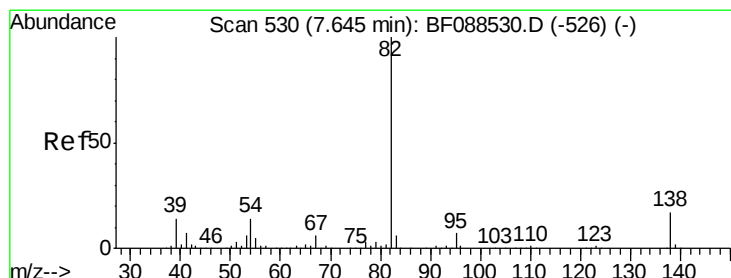
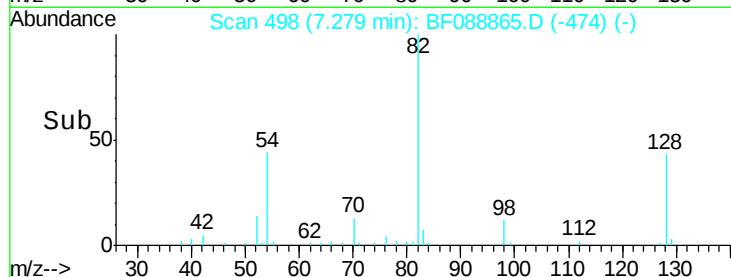
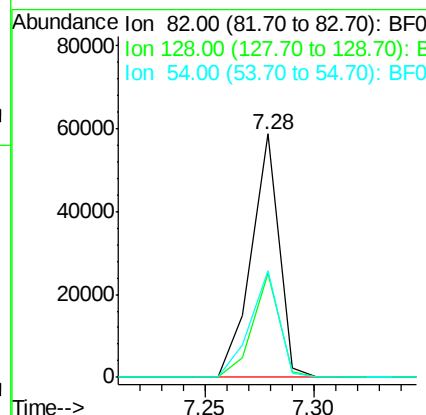
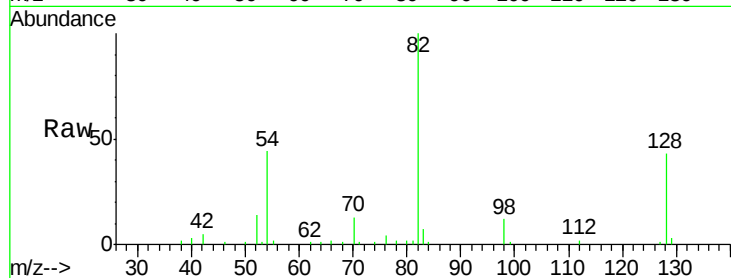




#23
 Nitrobenzene-d5
 Concen: 10.30 ng
 RT: 7.28 min Scan# 498
 Delta R.T. -0.02 min
 Lab File: BF088865.D
 Acq: 9 Jul 2016 12:09

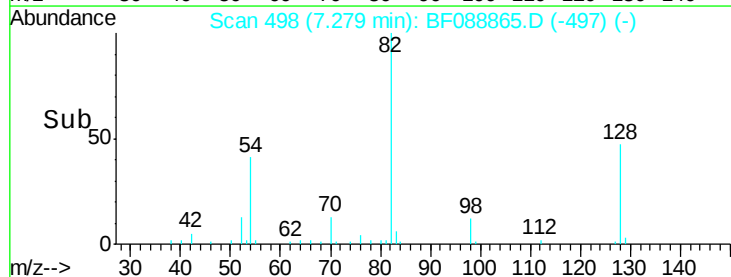
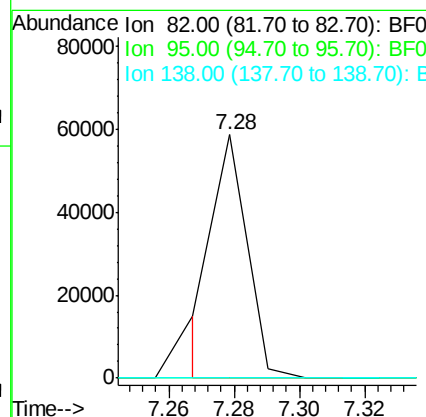
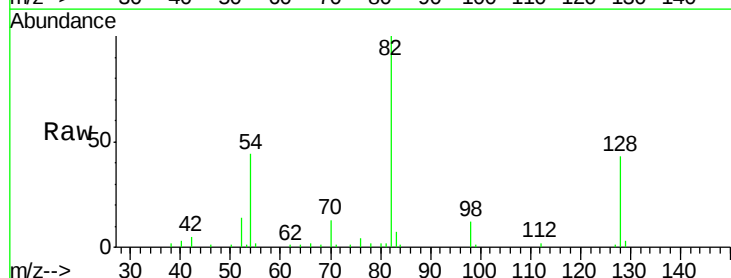
Instrument :
 BNA_F
 ClientSampleId :
 PB91808BL

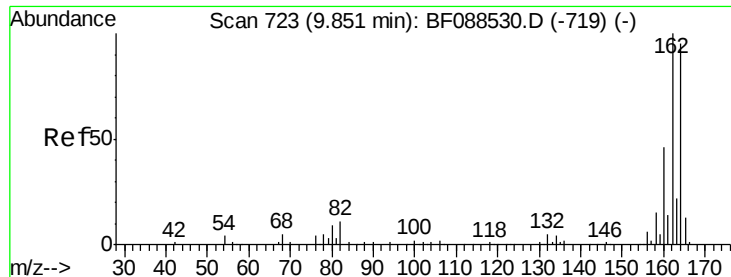
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.9	35.9	53.9
54	43.7	40.9	61.3



#25
 Isophorone
 Concen: 4.46 ng
 RT: 7.28 min Scan# 498
 Delta R.T. -0.29 min
 Lab File: BF088865.D
 Acq: 9 Jul 2016 12:09

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	14.6	21.8#

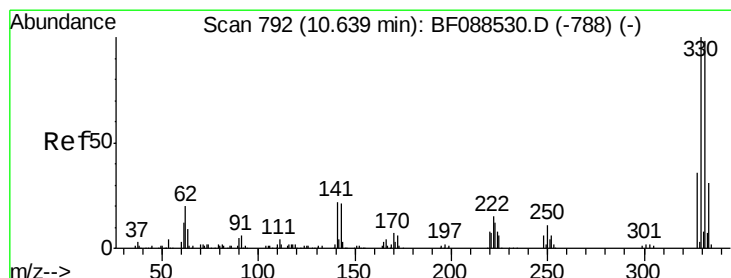
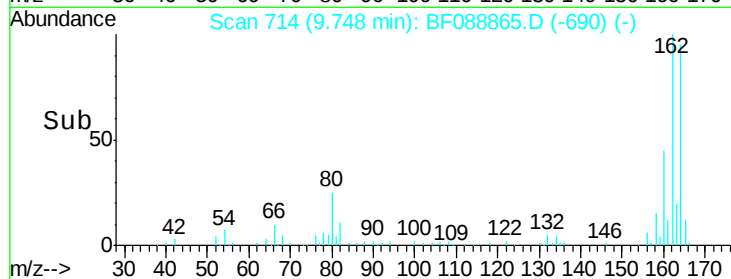
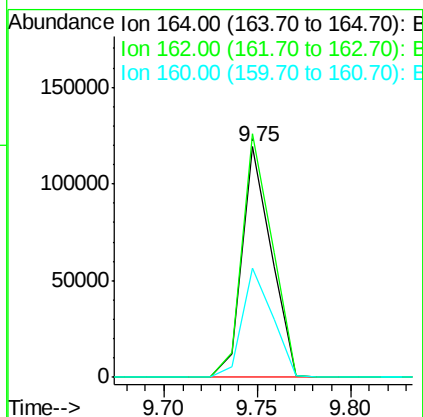
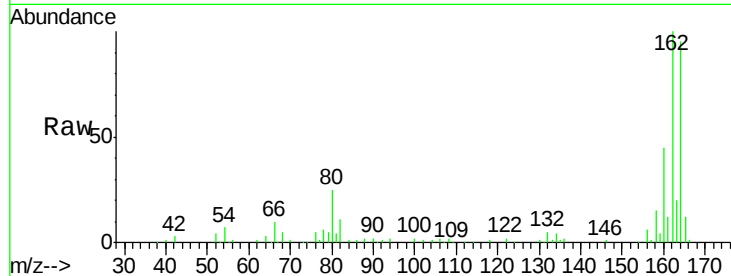




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 714
 Delta R.T. -0.02 min
 Lab File: BF088865.D
 Acq: 9 Jul 2016 12:09

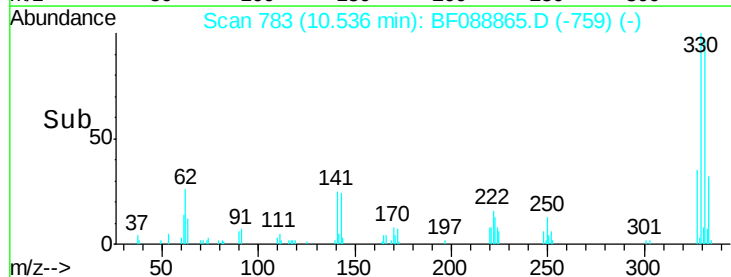
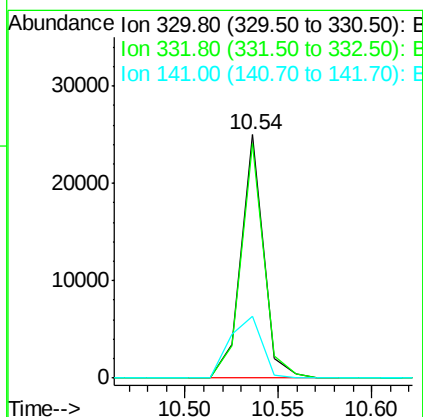
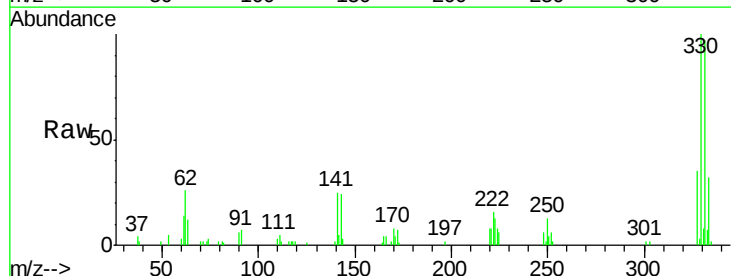
Instrument :
 BNA_F
 ClientSampleId :
 PB91808BL

Tgt Ion:164 Resp: 129565
 Ion Ratio Lower Upper
 164 100
 162 105.8 85.4 128.2
 160 47.2 39.5 59.3



#41
 2,4,6-Tribromophenol
 Concen: 17.60 ng
 RT: 10.54 min Scan# 783
 Delta R.T. -0.02 min
 Lab File: BF088865.D
 Acq: 9 Jul 2016 12:09

Tgt Ion:330 Resp: 21181
 Ion Ratio Lower Upper
 330 100
 332 97.5 0.0 0.0#
 141 36.0 0.0 0.0#

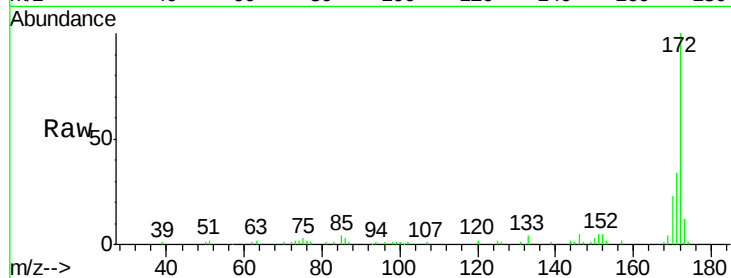




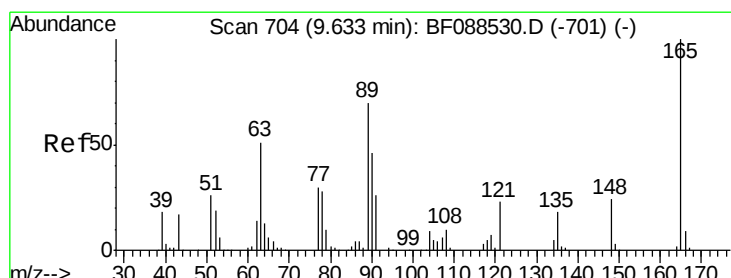
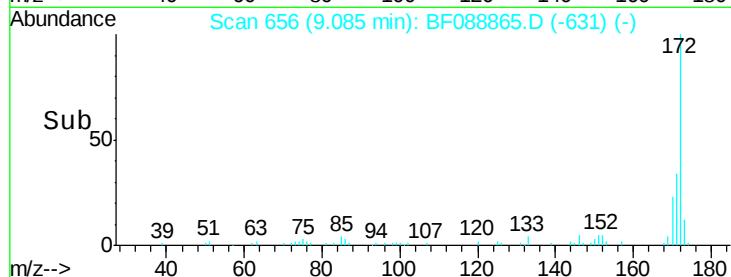
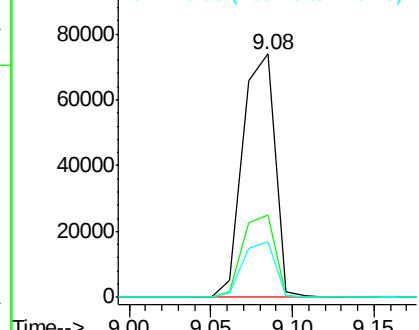
#44
 2-Fluorobiphenyl
 Concen: 12.29 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BF088865.D
 Acq: 9 Jul 2016 12:09

Instrument :
 BNA_F
 ClientSampleID :
 PB91808BL

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.0	28.6	43.0
170	22.6	19.2	28.8

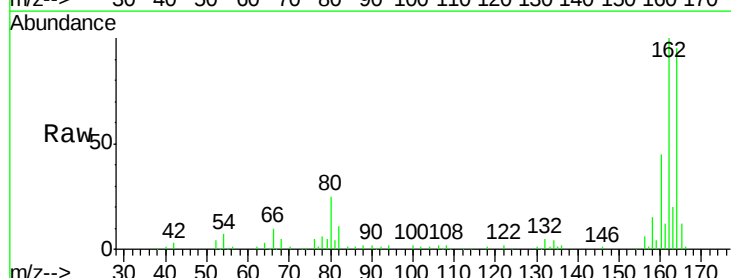


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

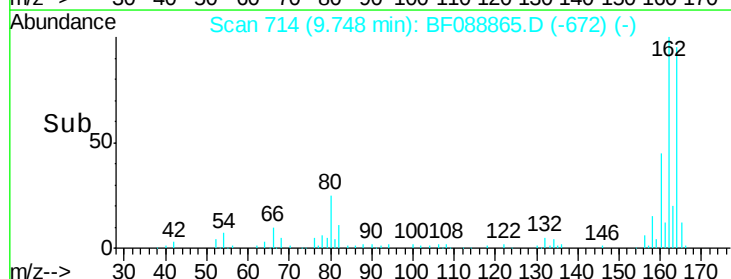
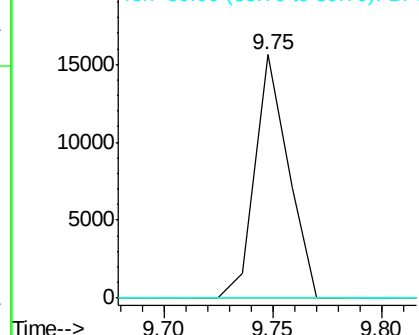


#50
 2,6-Dinitrotoluene
 Concen: 8.15 ng
 RT: 9.75 min Scan# 714
 Delta R.T. 0.18 min
 Lab File: BF088865.D
 Acq: 9 Jul 2016 12:09

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

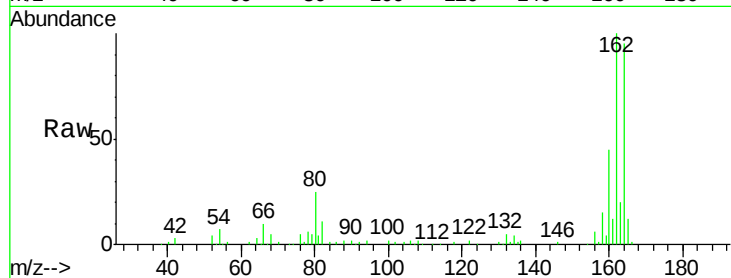




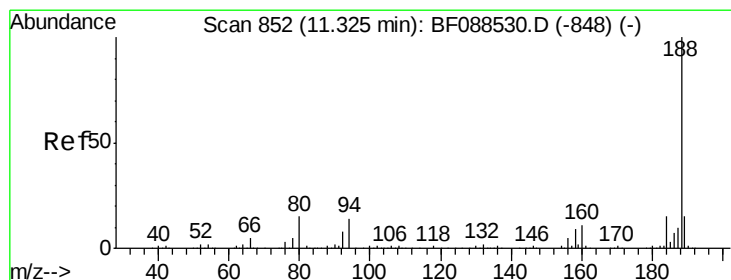
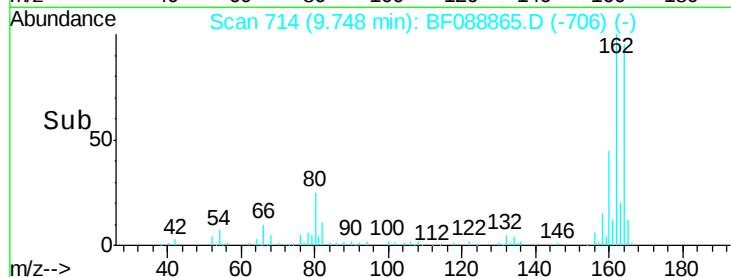
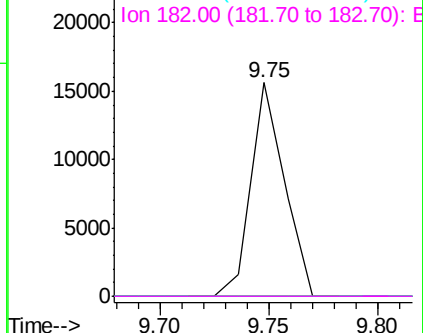
#56
 2,4-Dinitrotoluene
 Concen: 6.23 ng
 RT: 9.75 min Scan# 714
 Delta R.T. -0.21 min
 Lab File: BF088865.D
 Acq: 9 Jul 2016 12:09

Instrument :
 BNA_F
 ClientSampleId :
 PB91808BL

Tgt Ion:	165	Resp:	16665
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#

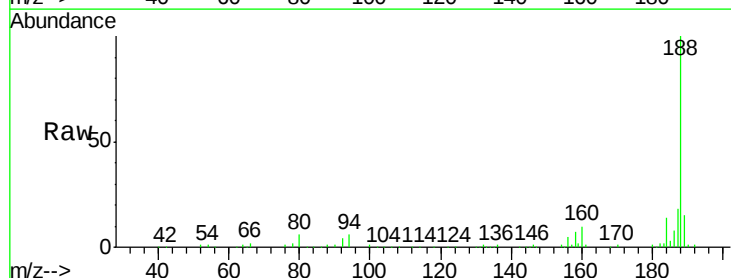


Abundance Ion 165.00 (164.70 to 165.70): E

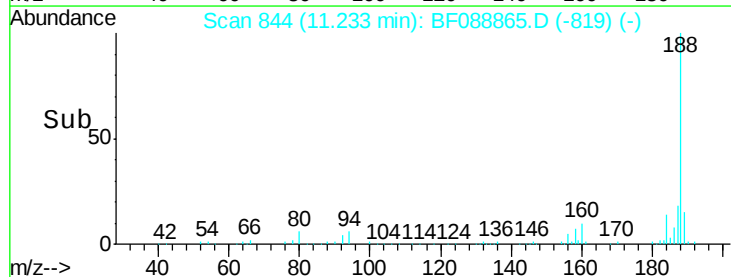
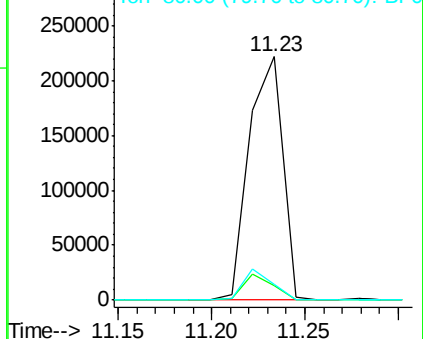


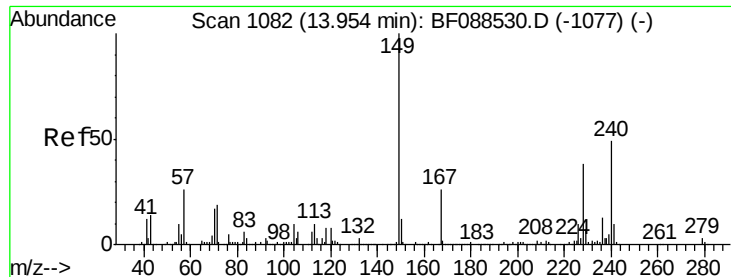
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.23 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF088865.D
 Acq: 9 Jul 2016 12:09

Tgt Ion:	188	Resp:	276581
Ion	Ratio	Lower	Upper
188	100		
94	6.0	9.0	13.6#
80	6.3	10.0	15.0#



Abundance Ion 188.00 (187.70 to 188.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1073

Delta R.T. -0.02 min

Lab File: BF088865.D

Acq: 9 Jul 2016 12:09

Instrument :

BNA_F

ClientSampleId :

PB91808BL

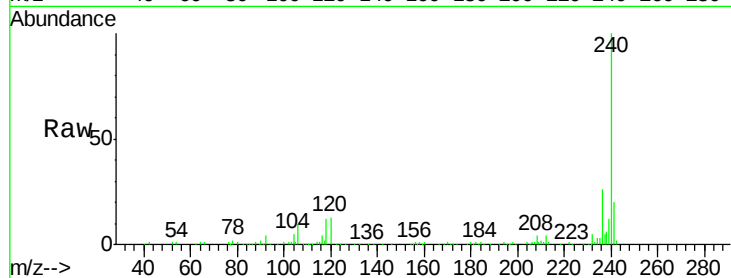
Tgt Ion:240 Resp: 233027

Ion Ratio Lower Upper

240 100

120 12.7 6.8 10.2#

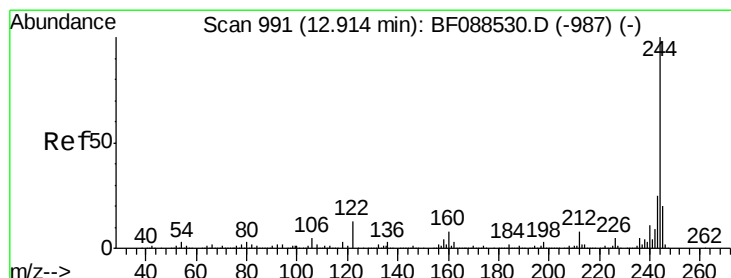
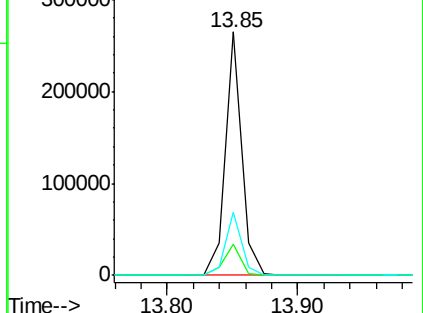
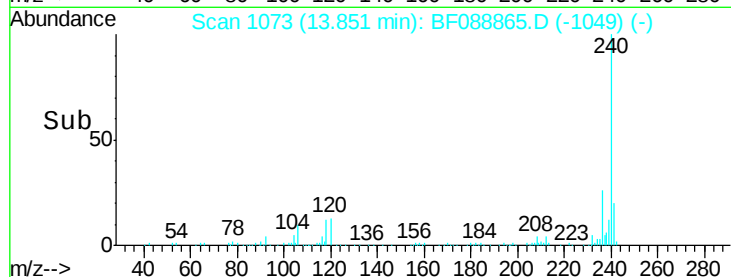
236 25.8 20.2 30.2



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: 10.60 ng

RT: 12.81 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF088865.D

Acq: 9 Jul 2016 12:09

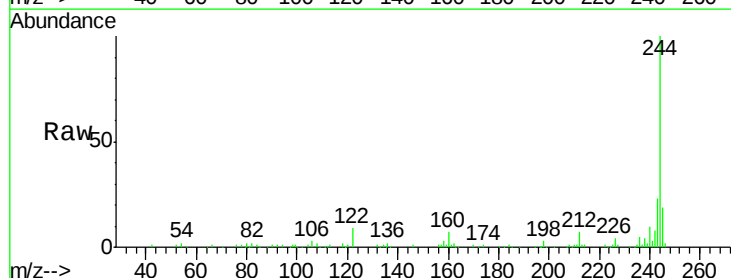
Tgt Ion:244 Resp: 110907

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

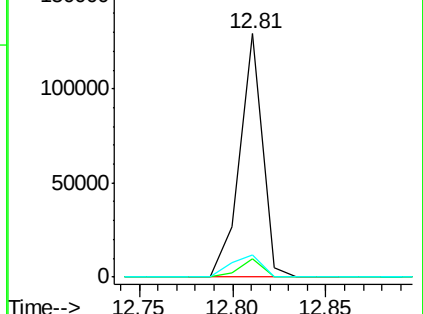
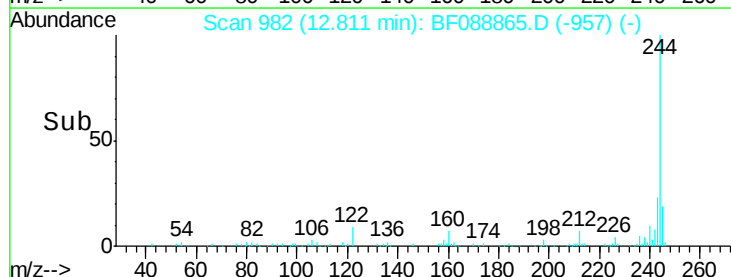
122 9.3 11.2 16.8#

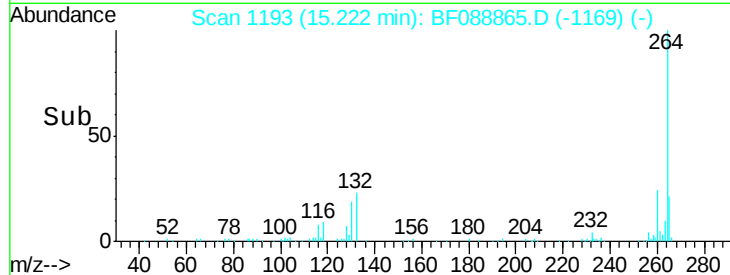
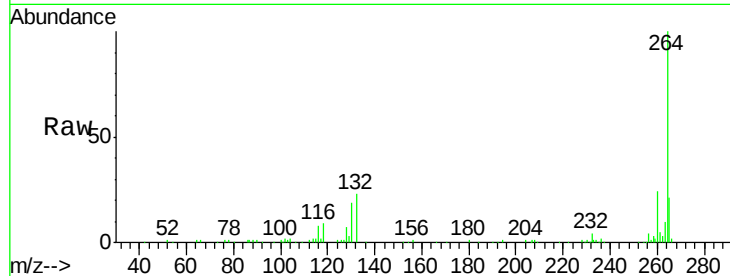
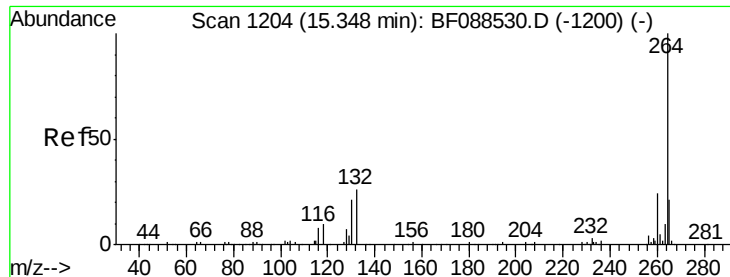


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.22 min Scan# 1193
Delta R.T. -0.02 min
Lab File: BF088865.D
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Instrument :
BNA_F
ClientSampleId :
PB91808BL

Tgt Ion:	264	Resp:	206001
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.4	16.9	25.3

