

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102616\
 Data File : BF090861.D
 Acq On : 27 Oct 2016 00:53
 Operator : UM/SJ
 Sample : H5308-25 50X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-104S

Quant Time: Oct 27 02:33:34 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 16:35:31 2016
 Response via : Initial Calibration

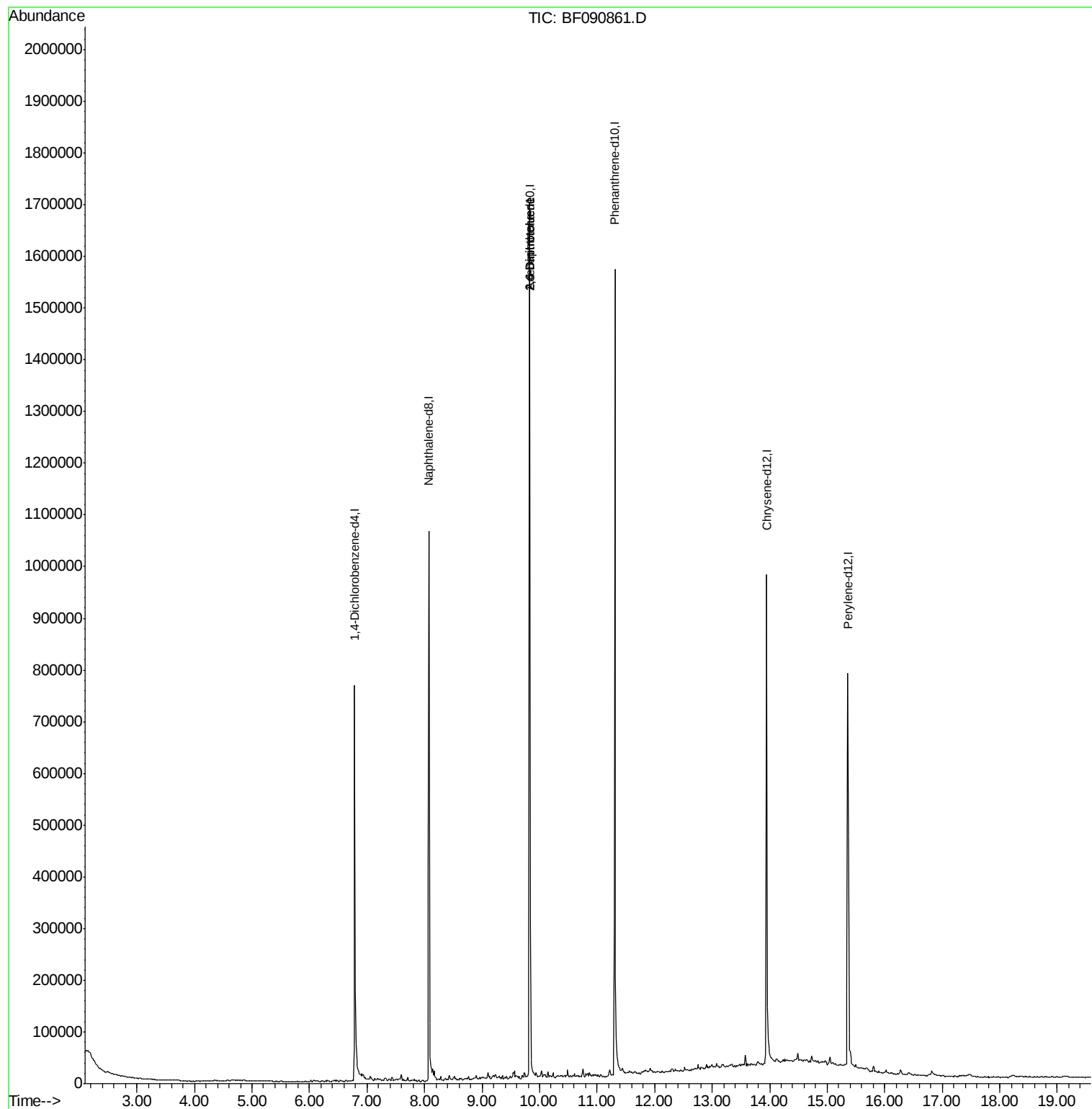
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	150625	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	636365	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	354683	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	606748	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	473821	20.00	ng	-0.01
86) Perylene-d12	15.36	264	362638	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	7.42	82	580	0.06	ng	0.06
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.15	172	2210	0.11	ng	-0.02
78) Terphenyl-d14	12.90	244	2567	0.14	ng	-0.02
Target Compounds						
50) 2,6-Dinitrotoluene	9.82	165	45838	8.76	ng	# 38
56) 2,4-Dinitrotoluene	9.82	165	46625	7.17	ng	# 33

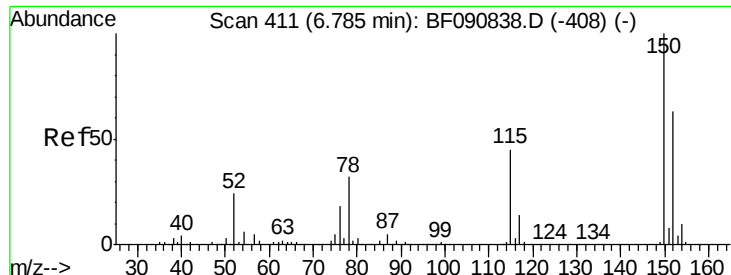
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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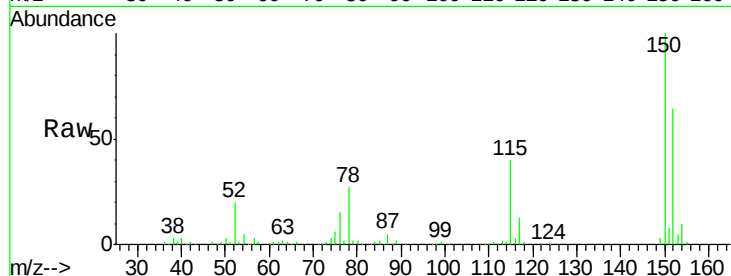


#1

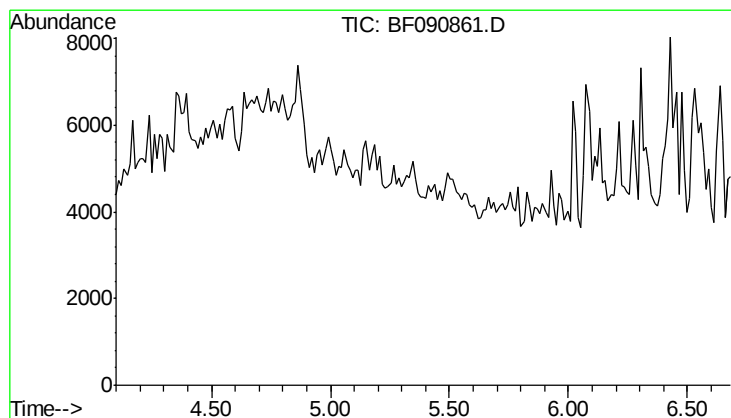
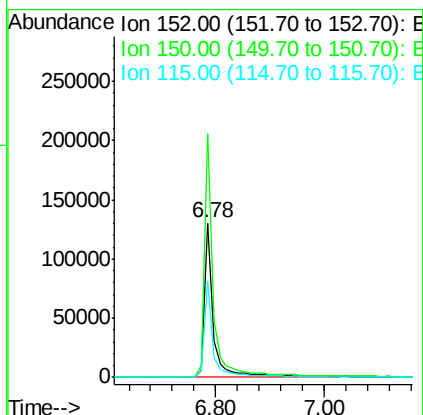
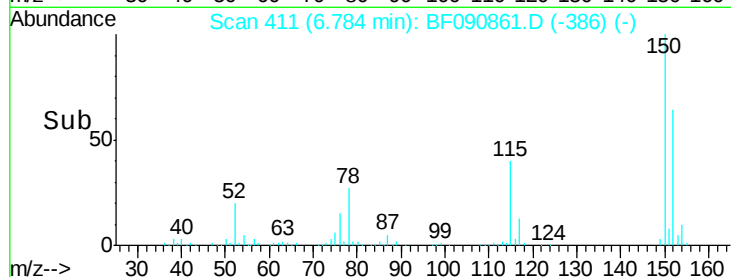
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.78 min Scan# 411
 Delta R.T. -0.01 min
 Lab File: BF090861.D
 Acq: 27 Oct 2016 00:53

Instrument :
 BNA_F
 ClientSampleId :
 MW-104S

Tgt Ion:152 Resp: 150625
 Ion Ratio Lower Upper
 152 100
 150 157.5 124.7 187.1
 115 62.2 39.0 58.4#



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

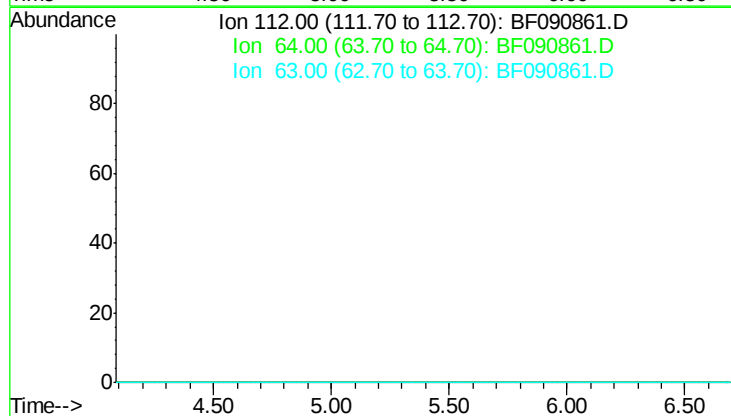


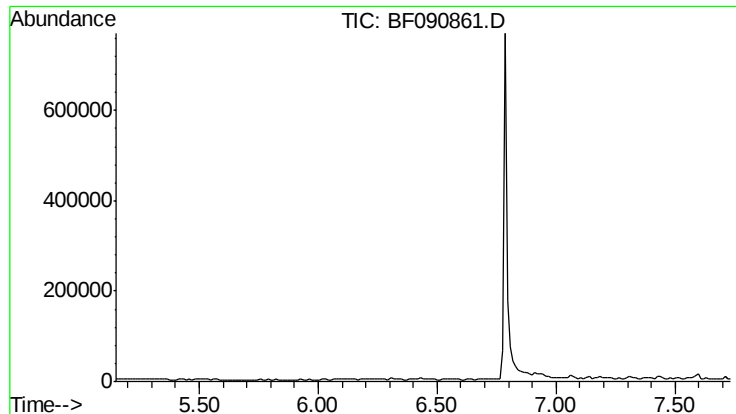
#5

2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.39 min

Lab File: BF090861.D
 Acq: 27 Oct 2016 00:53

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 49.6
 63 21.7

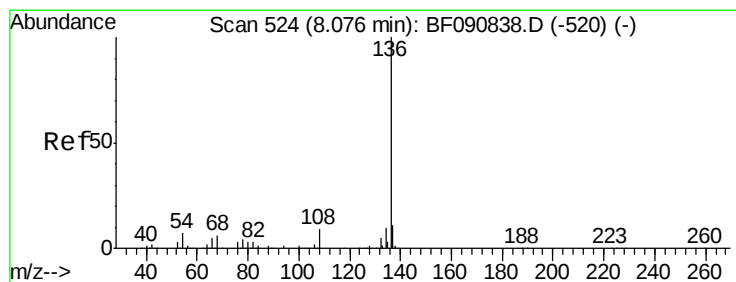
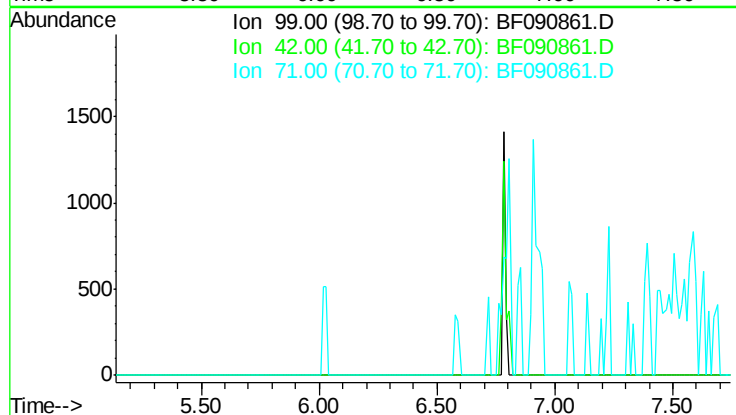




#7
 Phenol-d6
 Concen: 0.00 ng
 Expected RT: 6.44 min
 Lab File: BF090861.D
 Acq: 27 Oct 2016 00:53

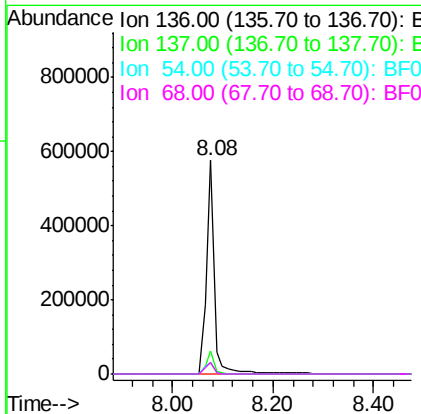
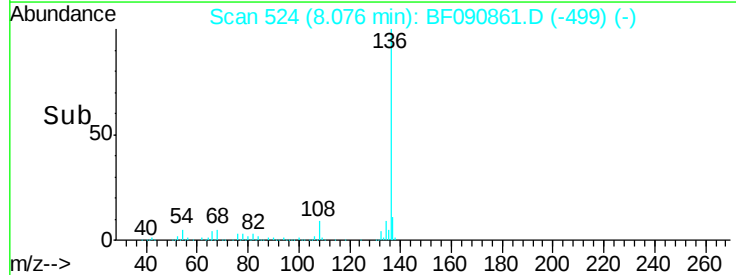
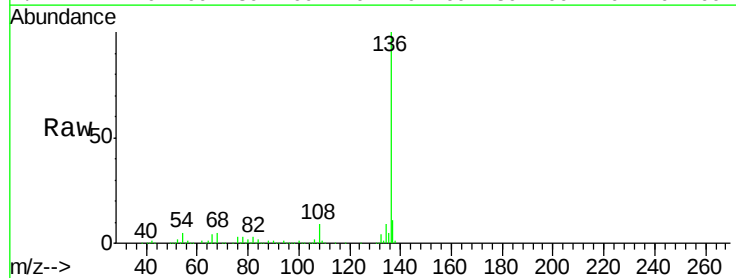
Instrument :
 BNA_F
 ClientSampleId :
 MW-104S

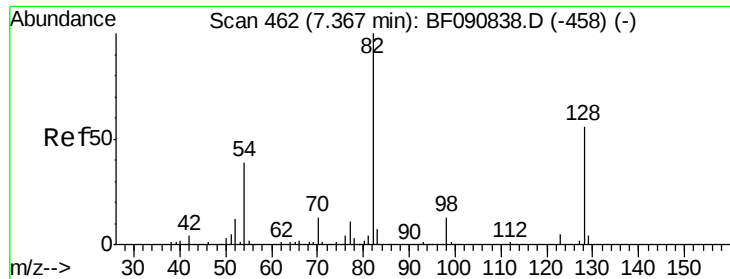
Tgt Ion: 99
 Sig Exp Ratio
 99 100
 42 17.1
 71 17.7



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.08 min Scan# 524
 Delta R.T. -0.01 min
 Lab File: BF090861.D
 Acq: 27 Oct 2016 00:53

Tgt Ion: 136 Resp: 636365
 Ion Ratio Lower Upper
 136 100
 137 10.7 9.0 13.6
 54 5.4 8.2 12.2#
 68 5.2 5.8 8.6#





#23

Nitrobenzene-d5

Concen: 0.06 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.06 min

Lab File: BF090861.D

Acq: 27 Oct 2016 00:53

Instrument :

BNA_F

ClientSampleId :

MW-104S

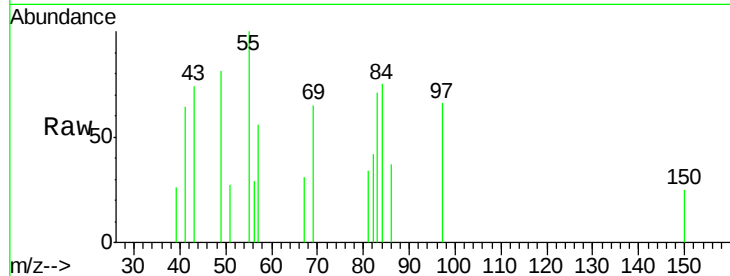
Tgt Ion: 82 Resp: 580

Ion Ratio Lower Upper

82 100

128 0.0 51.0 76.6#

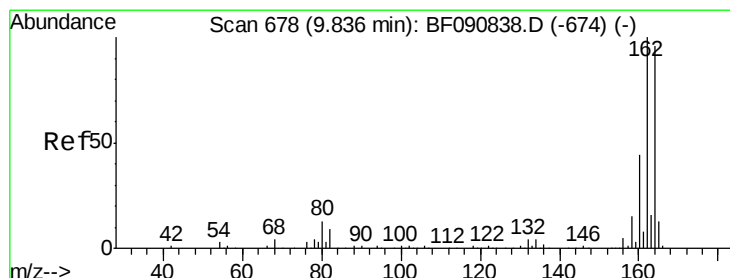
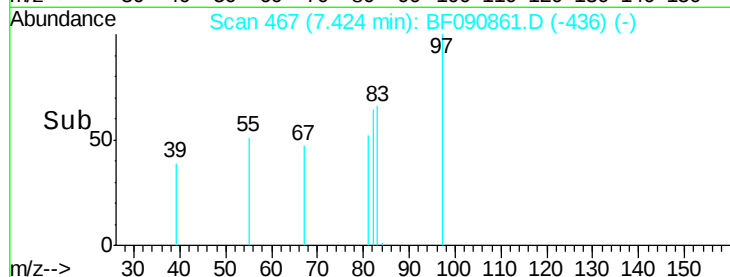
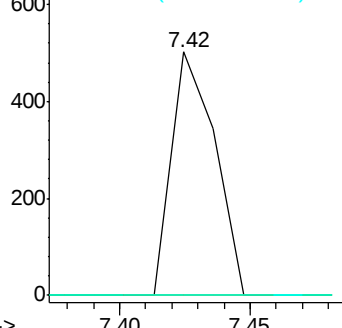
54 0.0 47.5 71.3#



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: 9.82 min Scan# 677

Delta R.T. -0.02 min

Lab File: BF090861.D

Acq: 27 Oct 2016 00:53

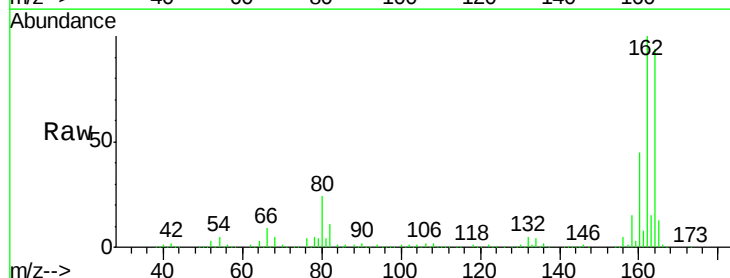
Tgt Ion: 164 Resp: 354683

Ion Ratio Lower Upper

164 100

162 105.8 75.2 112.8

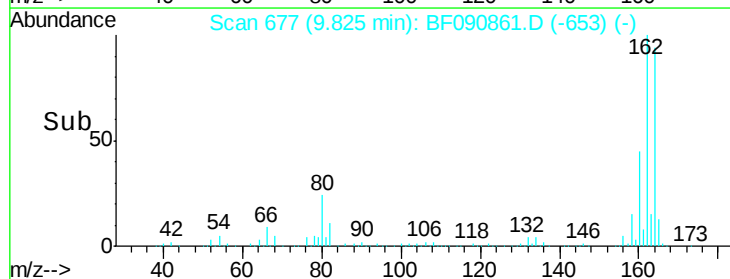
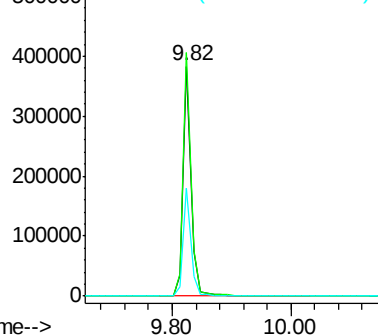
160 47.1 31.5 47.3

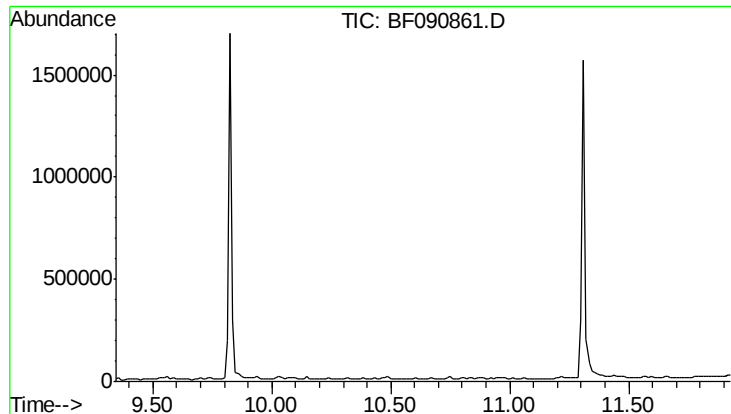


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

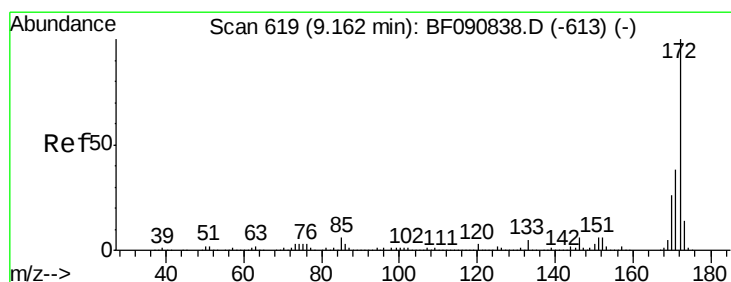
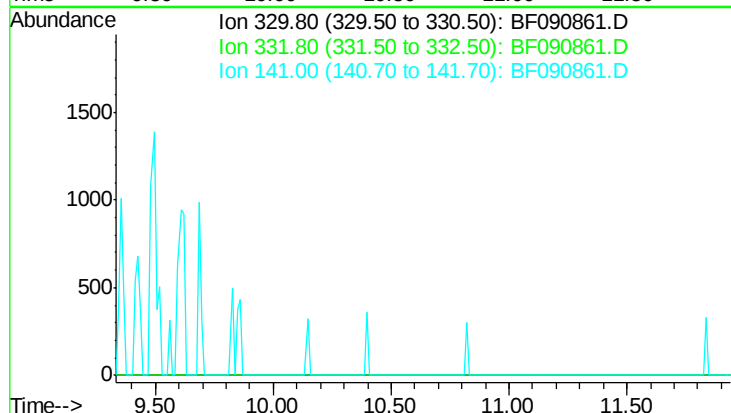




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.64 min
 Lab File: BF090861.D
 Acq: 27 Oct 2016 00:53

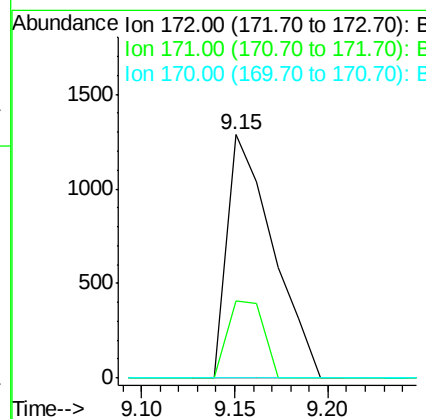
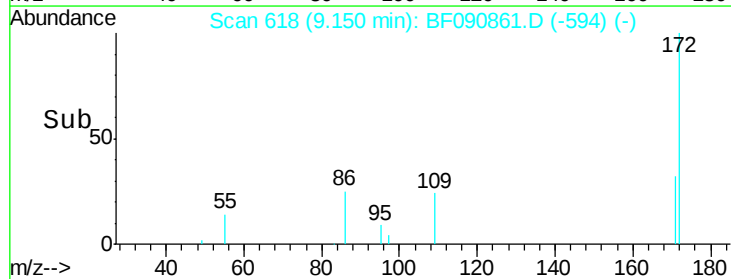
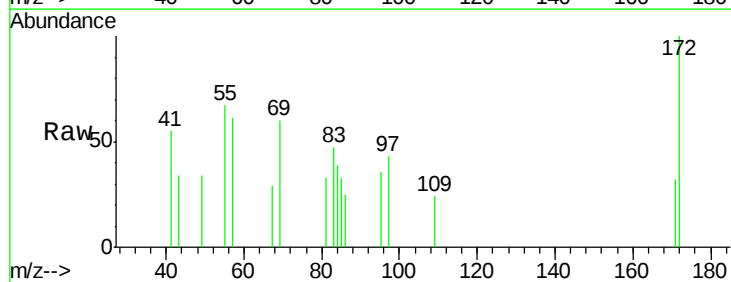
Instrument :
 BNA_F
 ClientSampleId :
 MW-104S

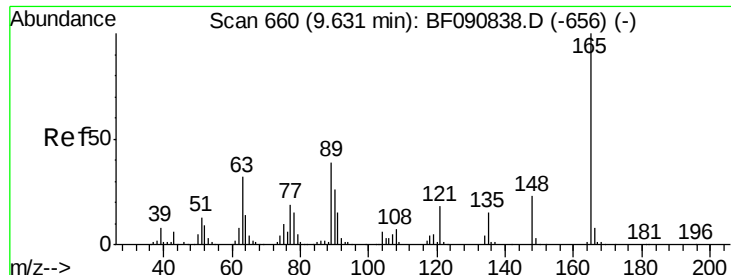
Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 95.7
 141 37.1



#44
 2-Fluorobiphenyl
 Concen: 0.11 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF090861.D
 Acq: 27 Oct 2016 00:53

Tgt Ion: 172 Resp: 2210
 Ion Ratio Lower Upper
 172 100
 171 31.6 26.1 39.1
 170 0.0 17.4 26.2#

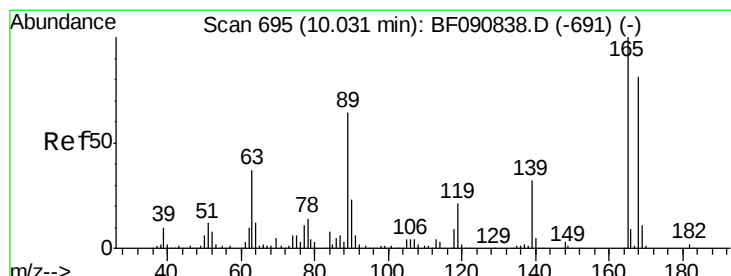
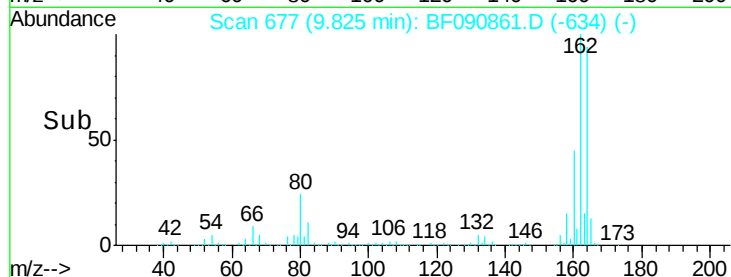
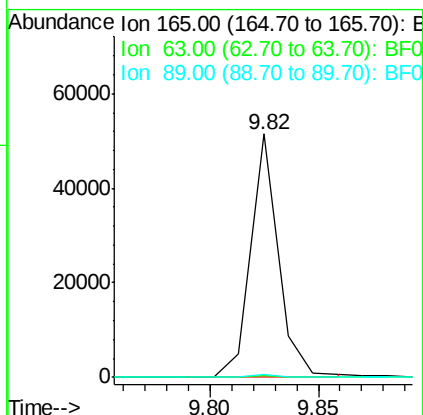
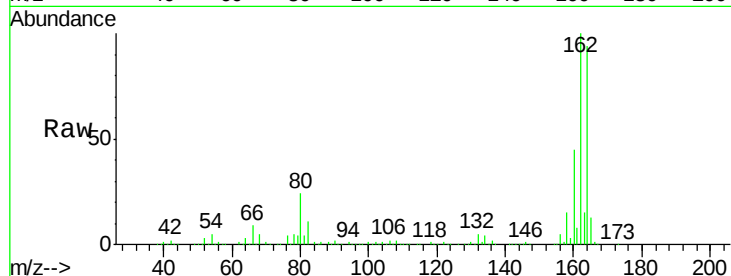




#50
 2,6-Dinitrotoluene
 Concen: 8.76 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.19 min
 Lab File: BF090861.D
 Acq: 27 Oct 2016 00:53

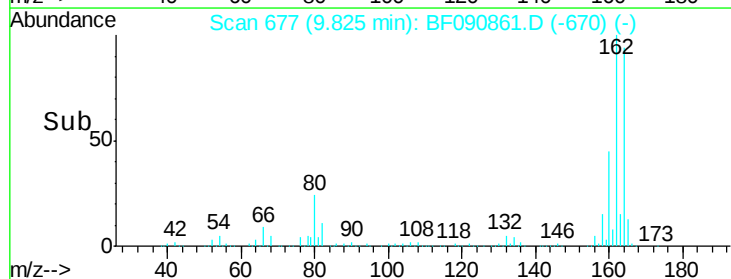
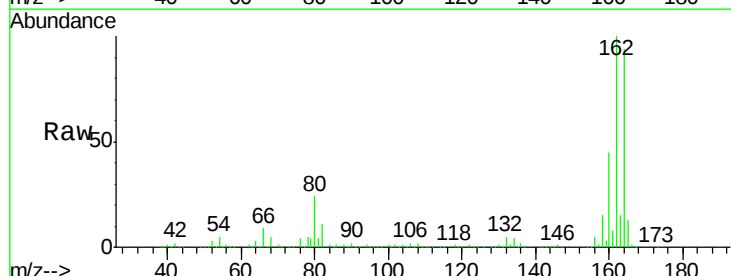
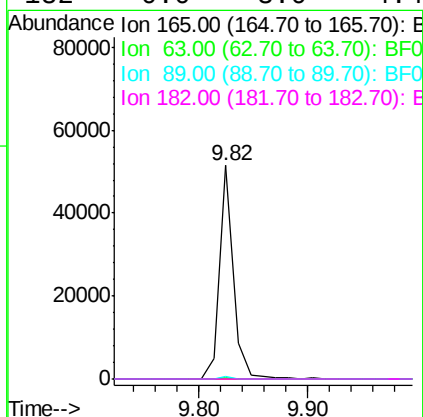
Instrument :
 BNA_F
 ClientSampleId :
 MW-104S

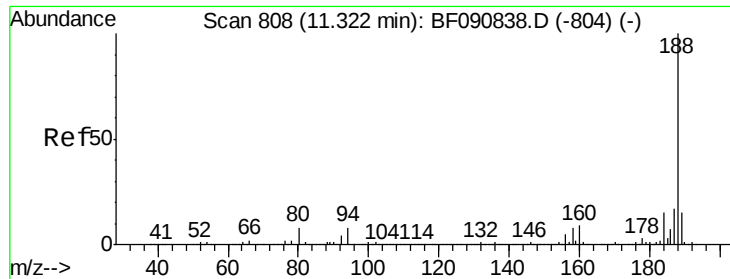
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	32.3	48.5#
89	1.1	28.6	43.0#



#56
 2,4-Dinitrotoluene
 Concen: 7.17 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.22 min
 Lab File: BF090861.D
 Acq: 27 Oct 2016 00:53

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	29.8	44.6#
89	1.1	44.5	66.7#
182	0.0	3.0	4.4#

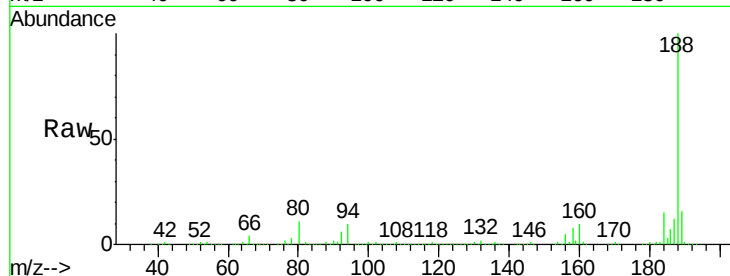




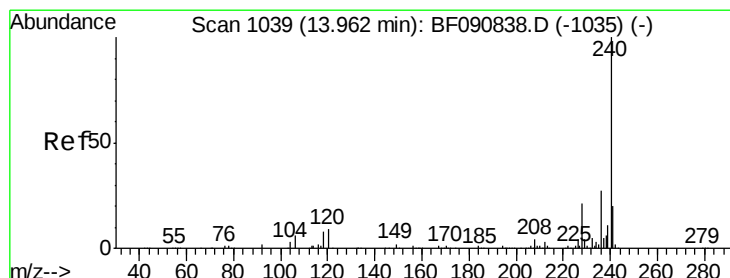
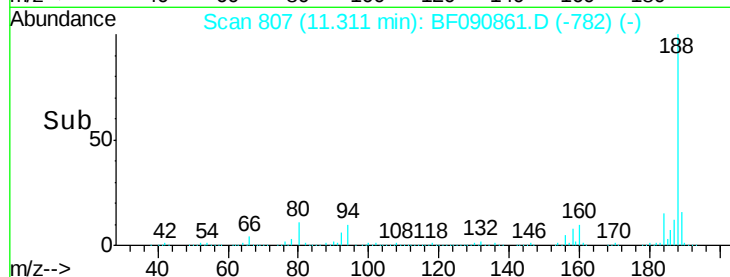
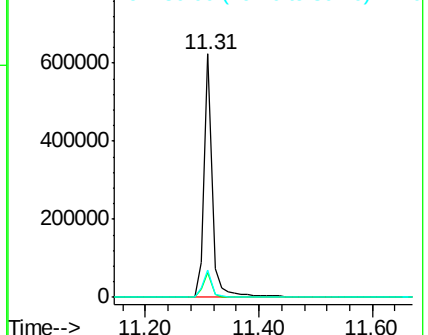
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF090861.D
Acq: 27 Oct 2016 00:53

Instrument :
BNA_F
ClientSampleId :
MW-104S

Tgt Ion:188 Resp: 606748
Ion Ratio Lower Upper
188 100
94 10.3 11.1 16.7#
80 11.4 11.0 16.4

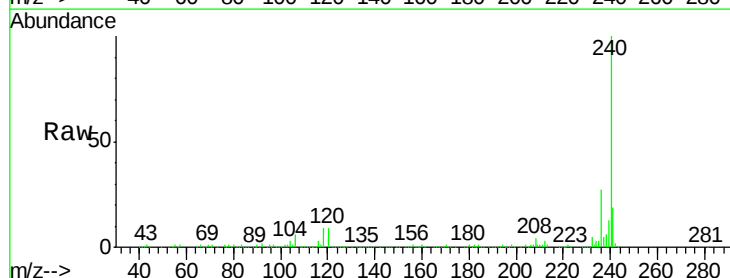


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

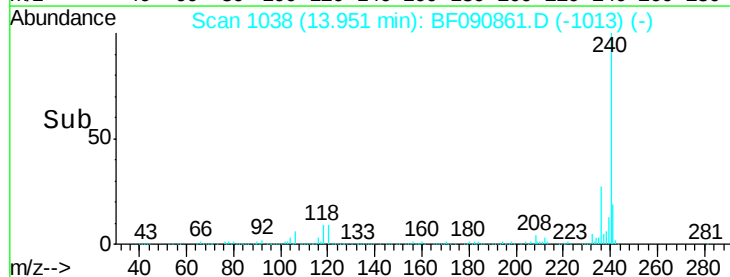
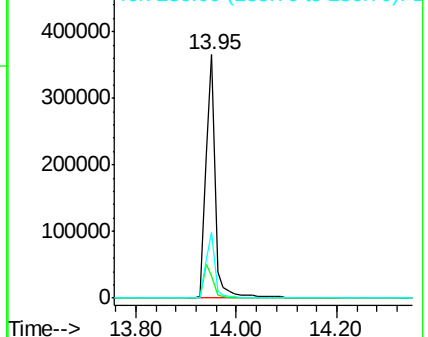


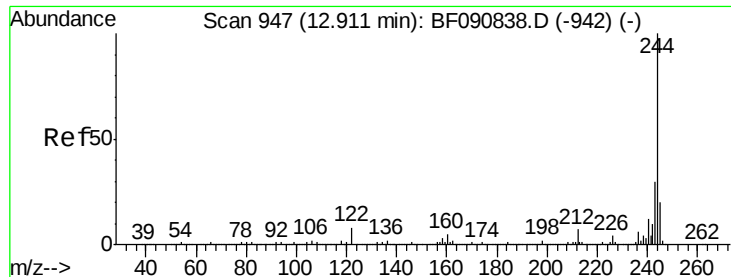
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF090861.D
Acq: 27 Oct 2016 00:53

Tgt Ion:240 Resp: 473821
Ion Ratio Lower Upper
240 100
120 9.3 16.2 24.2#
236 26.9 18.4 27.6



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: 0.14 ng

RT: 12.90 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF090861.D

Acq: 27 Oct 2016 00:53

Instrument :

BNA_F

ClientSampleId :

MW-104S

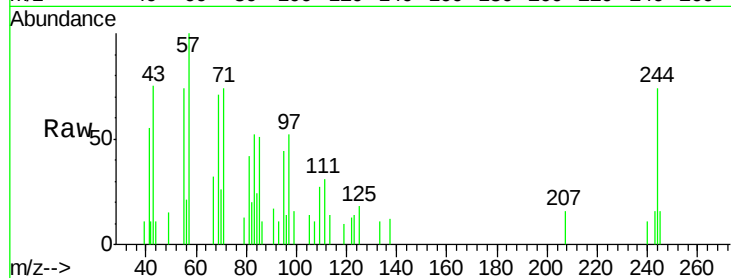
Tgt Ion:244 Resp: 2567

Ion Ratio Lower Upper

244 100

212 0.0 4.3 6.5#

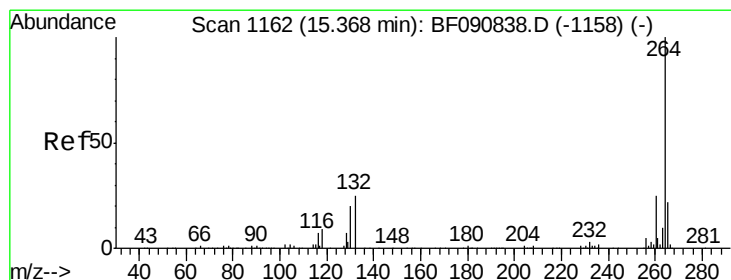
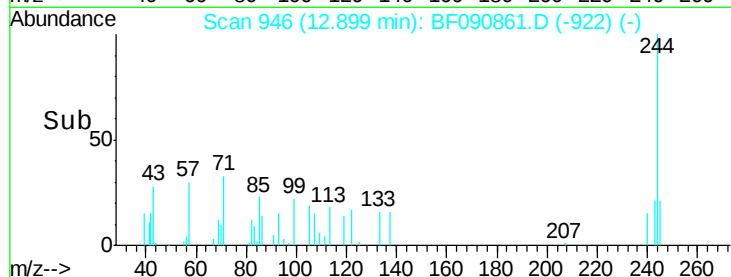
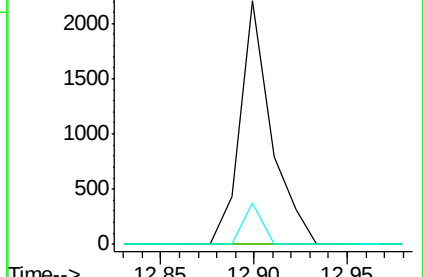
122 17.1 17.4 26.2#



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: 15.36 min Scan# 1161

Delta R.T. -0.02 min

Lab File: BF090861.D

Acq: 27 Oct 2016 00:53

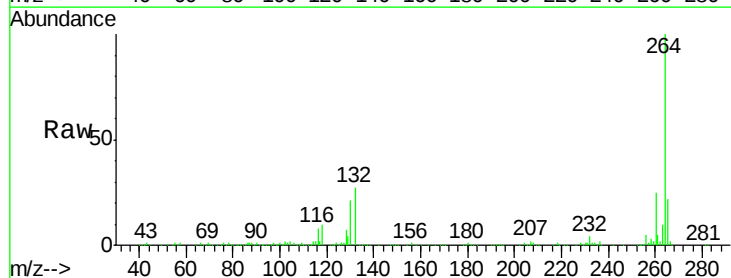
Tgt Ion:264 Resp: 362638

Ion Ratio Lower Upper

264 100

260 24.9 16.7 25.1

265 22.0 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

