Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061016\
Data File : BF087868.D
Acq On : 10 Jun 2016 12:09
Operator : UM/SJ
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-58

Quant Time: Jun 10 14:02:56 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 18:51:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-6.84
21) Naphthalene-d8	0.00	136	0	0.00	ng	-8.12
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-9.88
63) Phenanthrene-d10	11.59	188	279	20.00	ng	0.23
75) Chrysene-d12	0.00	240	0	0.00	ng	-13.99
86) Perylene-d12	0.00	264	0	0.00	ng	-15.39
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	0.00	82	0	0.00	ng	
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
78) Terphenyl-d14	12.90	244	461	0.00	ng	-0.05
Target Compounds						Qvalue
68) Atrazine	11.13	200	20573	7338.64	ng	# 36
69) Pentachlorophenol	11.13	266	108604	66248.22	ng	98
70) Phenanthrene	11.59	178	251	17.14	ng	# 1
71) Anthracene	11.59	178	251	17.00	ng	# 1
72) Carbazole	12.02	167	1271	91.97	ng	# 58
74) Fluoranthene	12.75	202	308	19.93	ng	62

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

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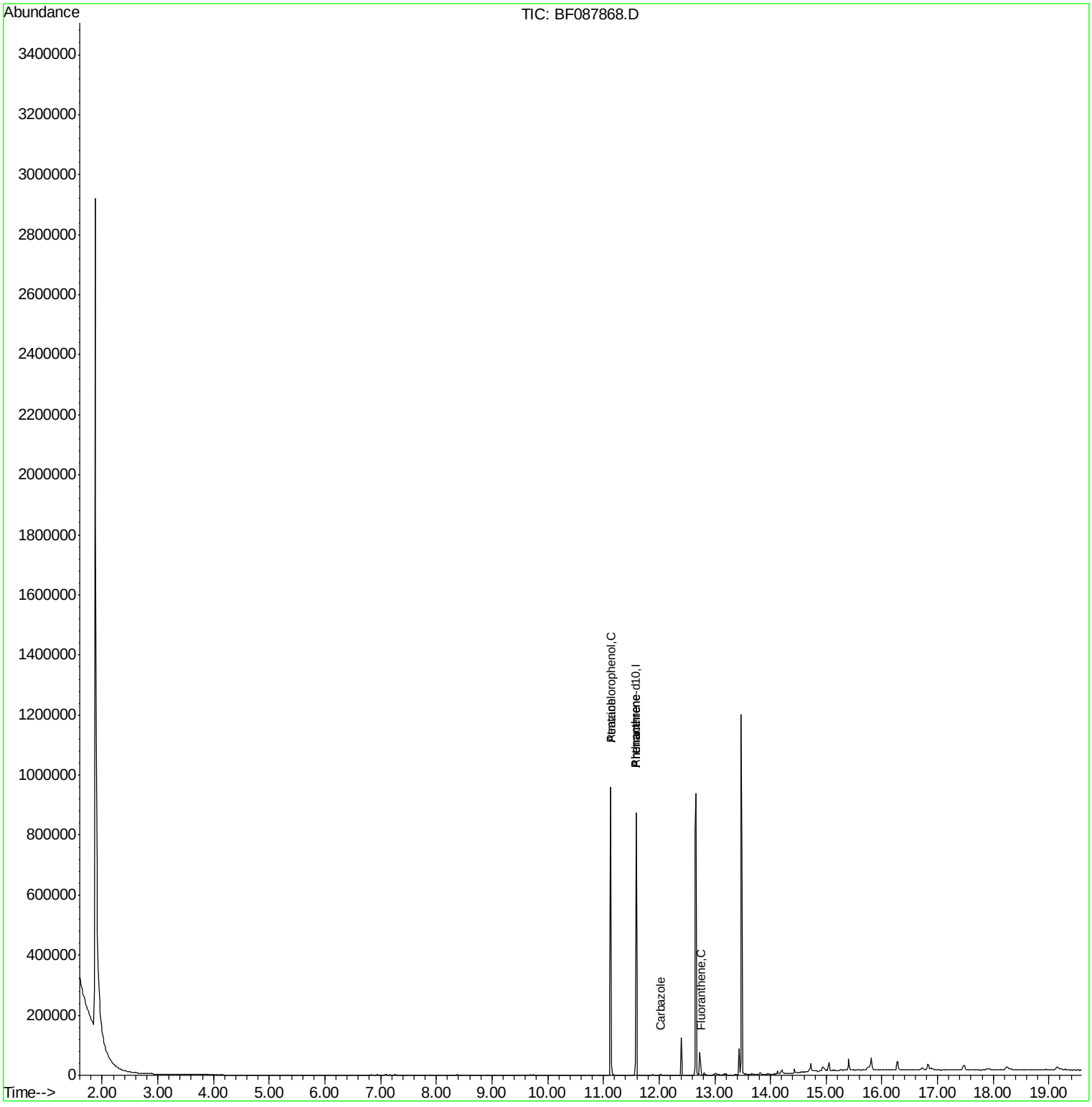
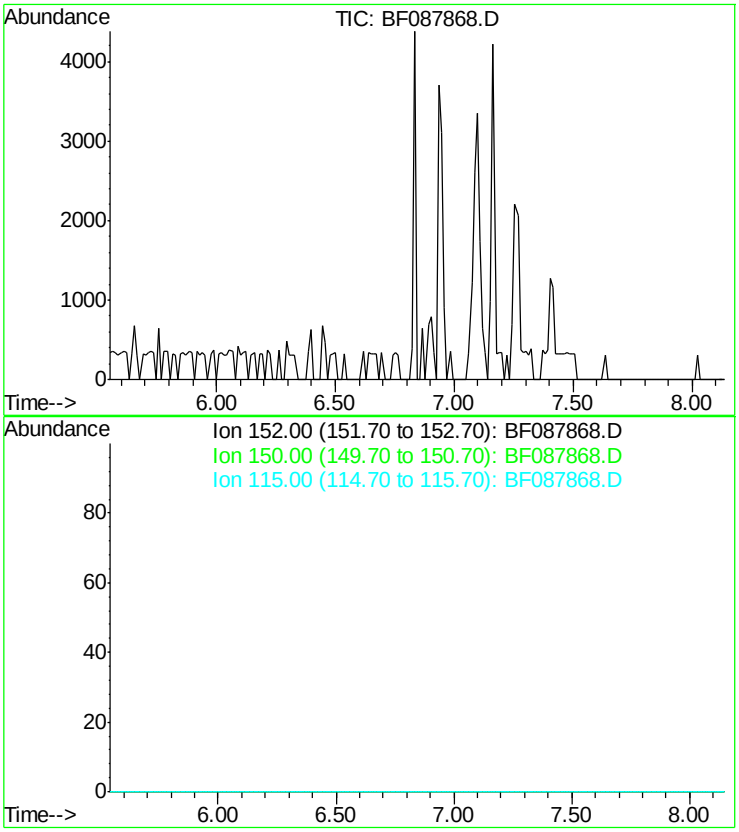




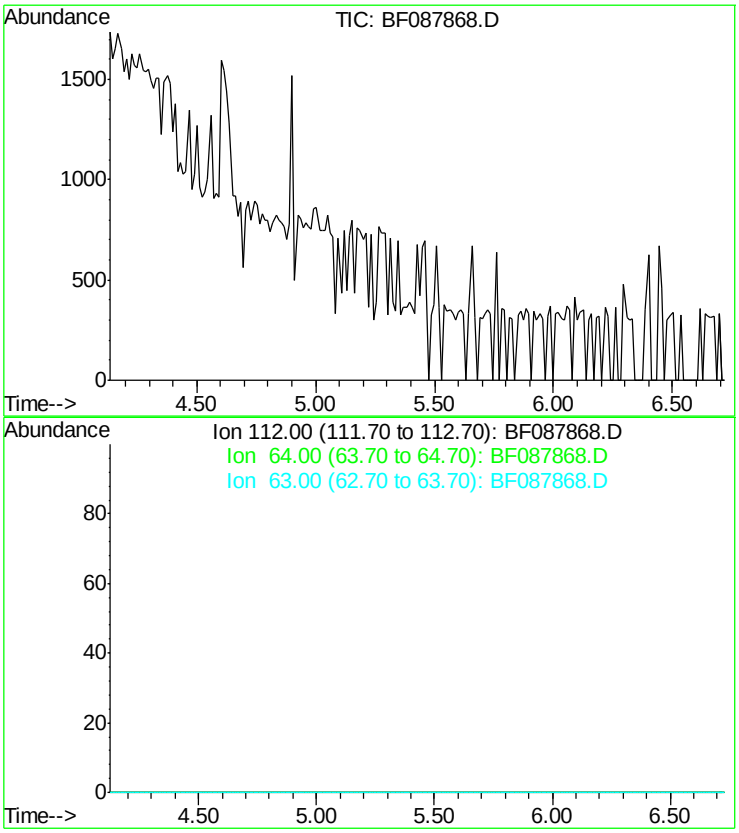
#1
1,4-Dichlorobenzene-d4
Concen: 0.00 ng
Expected RT: 6.84 min

Lab File: BF087868.D
Acq: 10 Jun 2016 12:09

Instrument :
BNA_F
ClientSampleId :
SS-58

Tgt Ion: 152

Sig	Exp Ratio
152	100
150	154.7
115	49.5

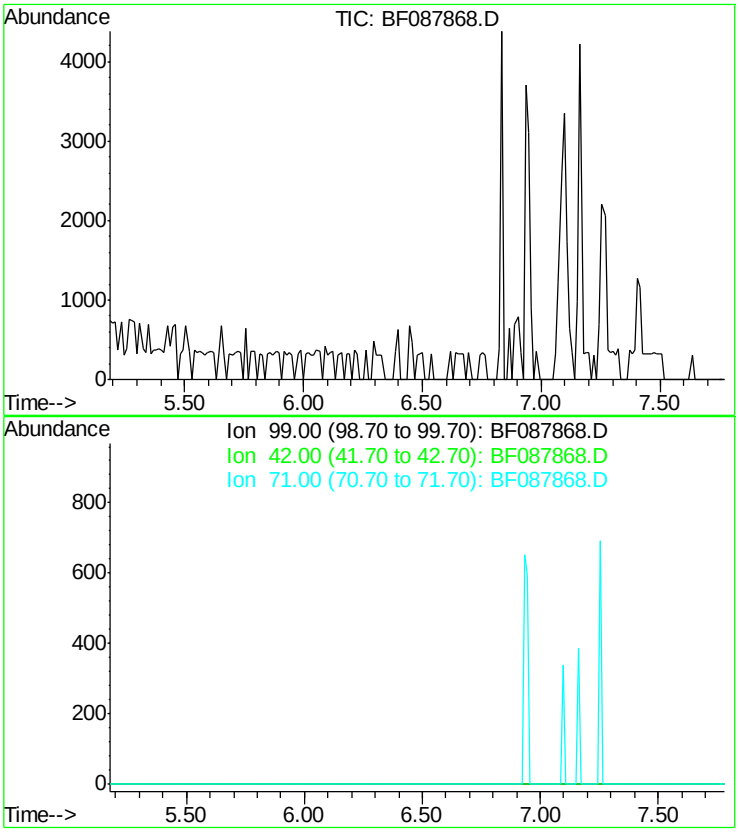


#5
2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.43 min

Lab File: BF087868.D
Acq: 10 Jun 2016 12:09

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	52.7
63	27.3



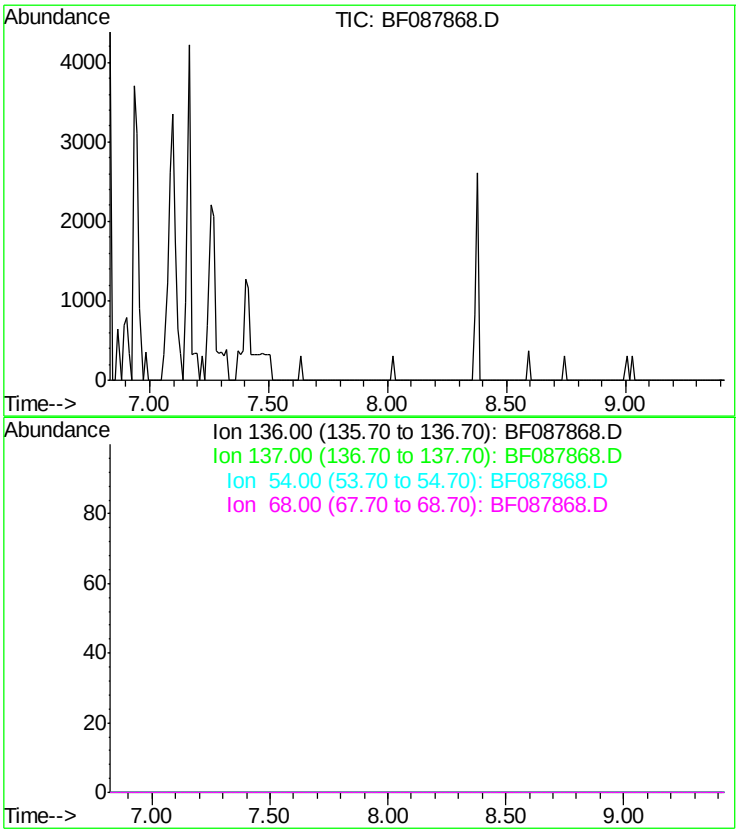
#7
Phenol-d6
Concen: 0.00 ng
Expected RT: 6.48 min

Lab File: BF087868.D
Acq: 10 Jun 2016 12:09

Tgt Ion: 99

Sig	Exp Ratio
99	100
42	15.2
71	29.2

Instrument :
BNA_F
ClientSampleId :
SS-58

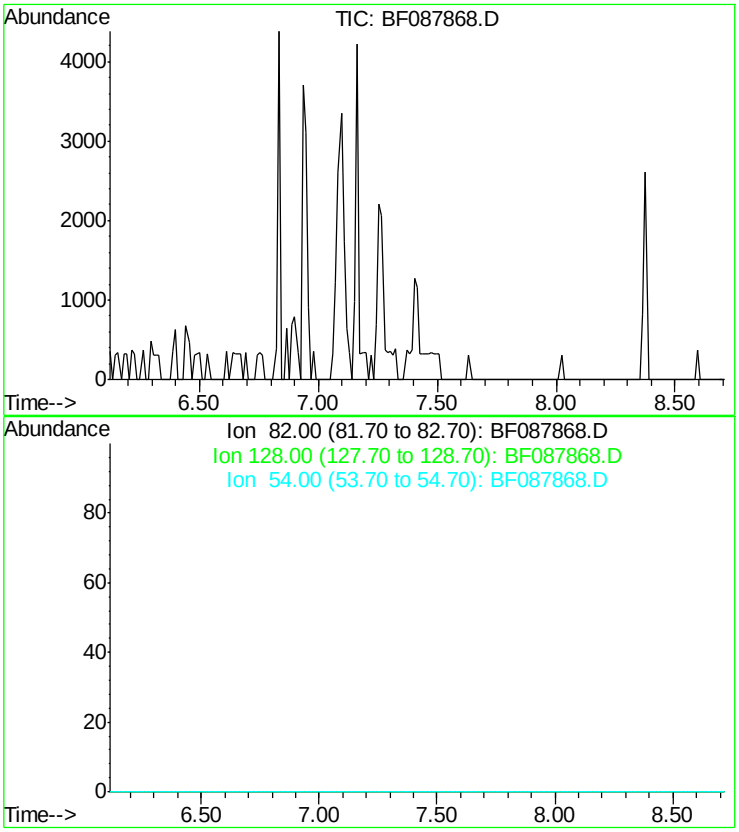


#21
Naphthalene-d8
Concen: 0.00 ng
Expected RT: 8.12 min

Lab File: BF087868.D
Acq: 10 Jun 2016 12:09

Tgt Ion: 136

Sig	Exp Ratio
136	100
137	11.4
54	8.3
68	6.4



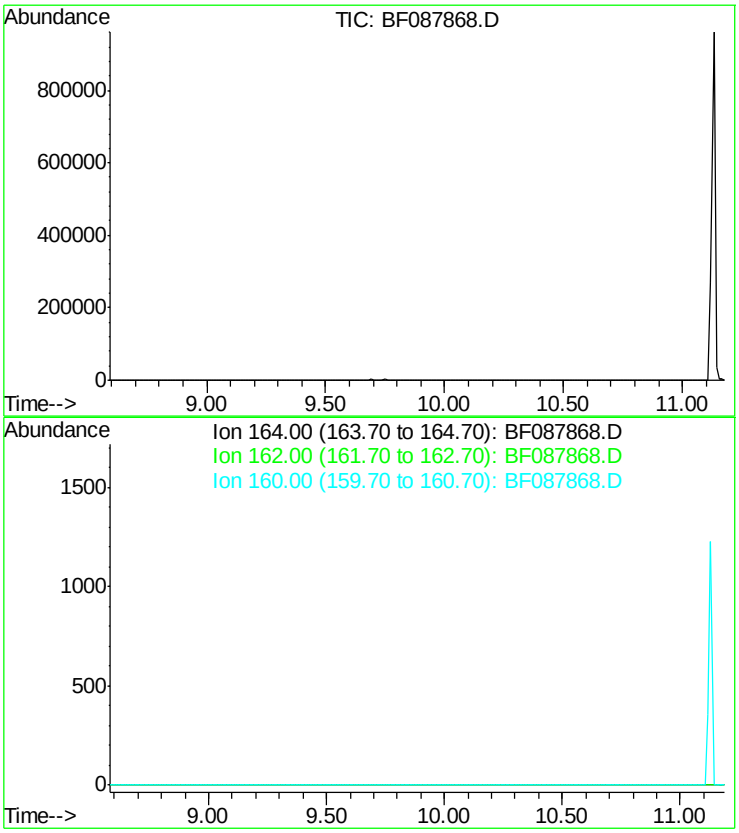
#23
Nitrobenzene-d5
Concen: 0.00 ng
Expected RT: 7.42 min

Lab File: BF087868.D
Acq: 10 Jun 2016 12:09

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	44.9
54	51.1

Instrument :
BNA_F
ClientSampleId :
SS-58

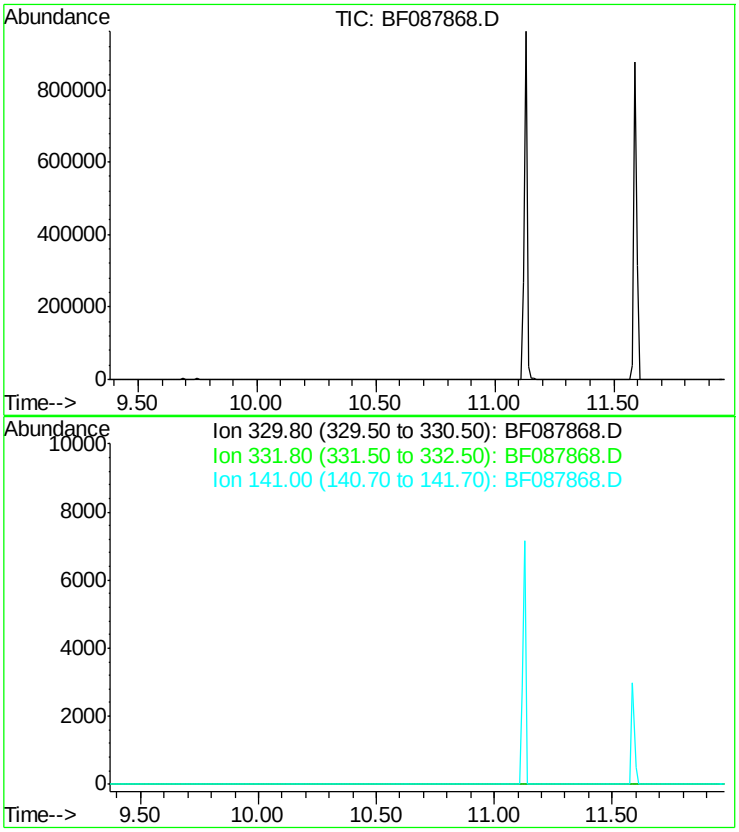


#38
Acenaphthene-d10
Concen: 0.00 ng
Expected RT: 9.88 min

Lab File: BF087868.D
Acq: 10 Jun 2016 12:09

Tgt Ion: 164

Sig	Exp Ratio
164	100
162	106.8
160	49.4



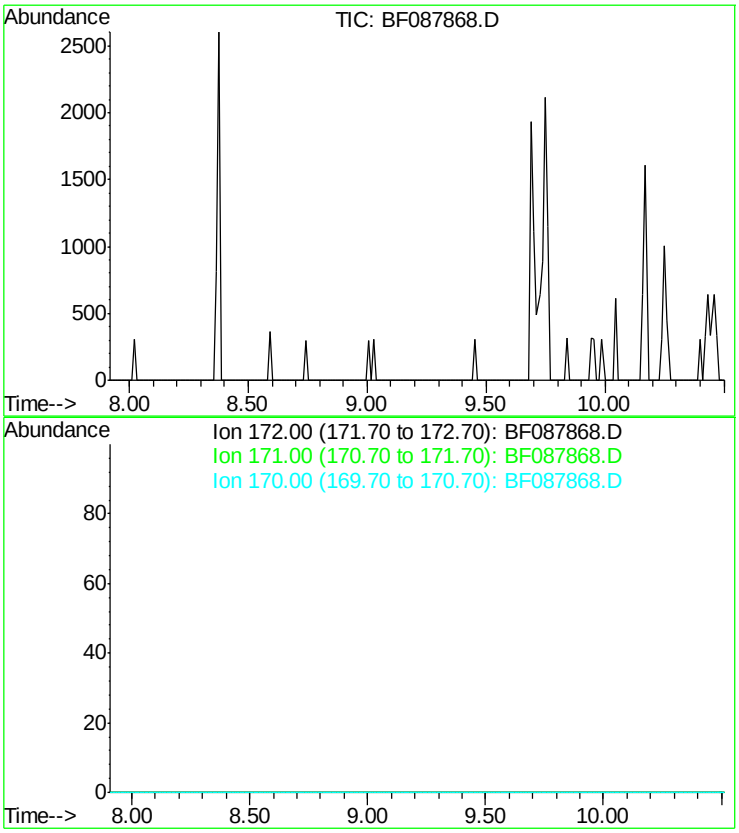
#41
2,4,6-Tribromophenol
Concen: 0.00 ng
Expected RT: 10.67 min

Lab File: BF087868.D
Acq: 10 Jun 2016 12:09

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	0.0
141	0.0

Instrument :
BNA_F
ClientSampleId :
SS-58

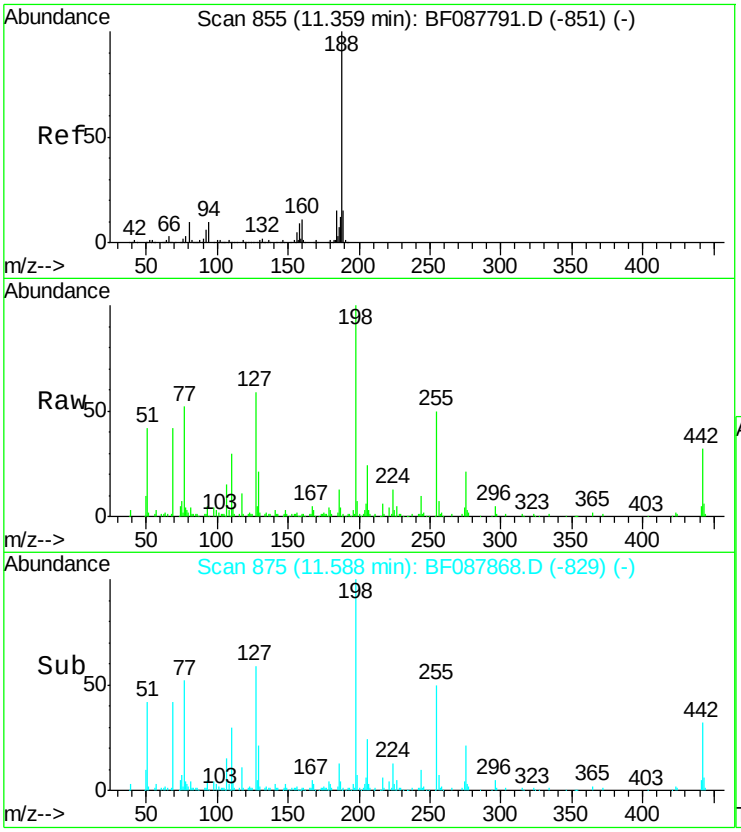


#44
2-Fluorobiphenyl
Concen: 0.00 ng
Expected RT: 9.21 min

Lab File: BF087868.D
Acq: 10 Jun 2016 12:09

Tgt Ion: 172

Sig	Exp Ratio
172	100
171	35.8
170	24.0

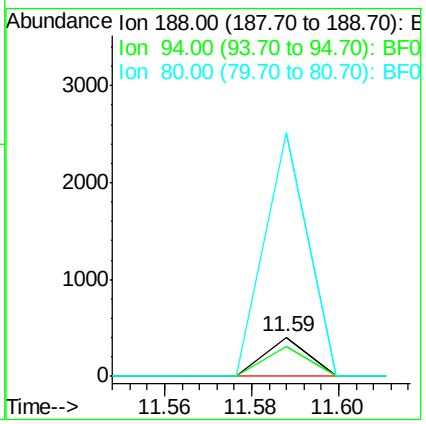


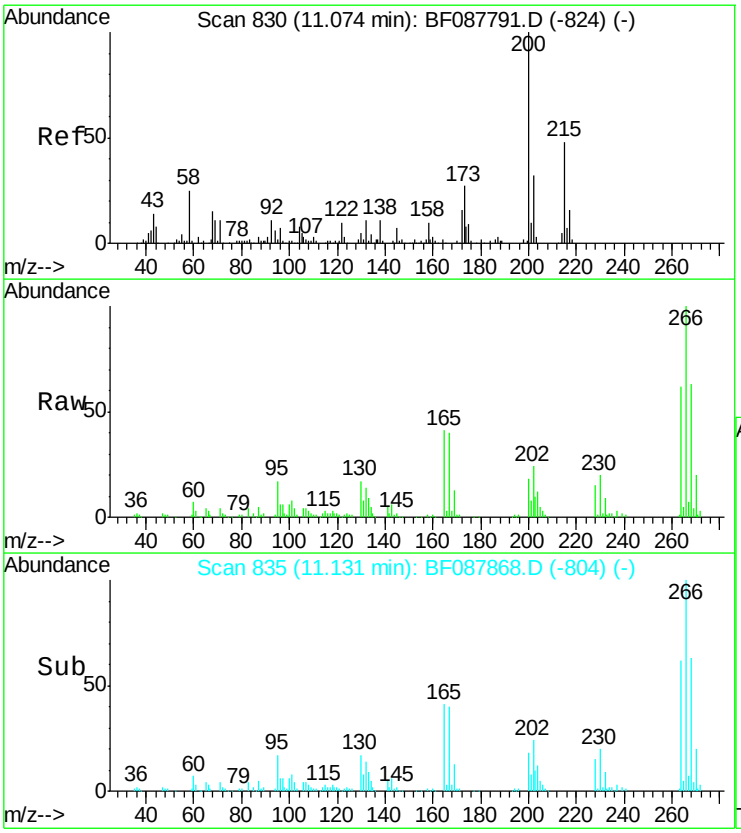
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.59 min Scan# 875
Delta R.T. 0.23 min
Lab File: BF087868.D
Acq: 10 Jun 2016 12:09

Instrument :
BNA_F
ClientSampleId :
SS-58

Tgt Ion:188 Resp: 279

Ion	Ratio	Lower	Upper
188	100		
94	76.7	9.0	13.6#
80	617.4	10.0	15.0#

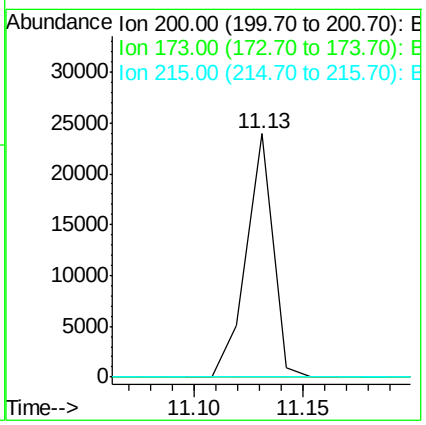


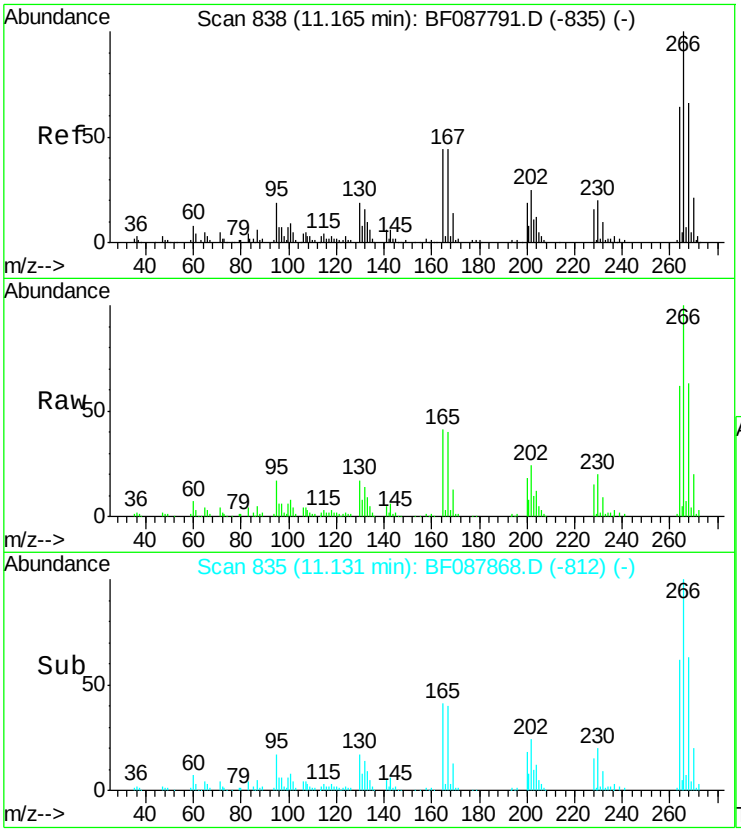


#68
Atrazine
Concen: 7338.64 ng
RT: 11.13 min Scan# 835
Delta R.T. 0.06 min
Lab File: BF087868.D
Acq: 10 Jun 2016 12:09

Tgt Ion:200 Resp: 20573

Ion	Ratio	Lower	Upper
200	100		
173	0.0	4.0	44.0#
215	0.0	29.3	69.3#



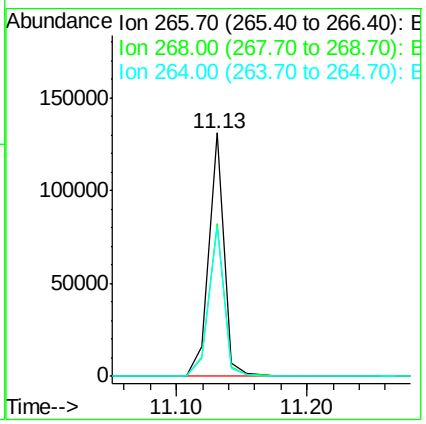


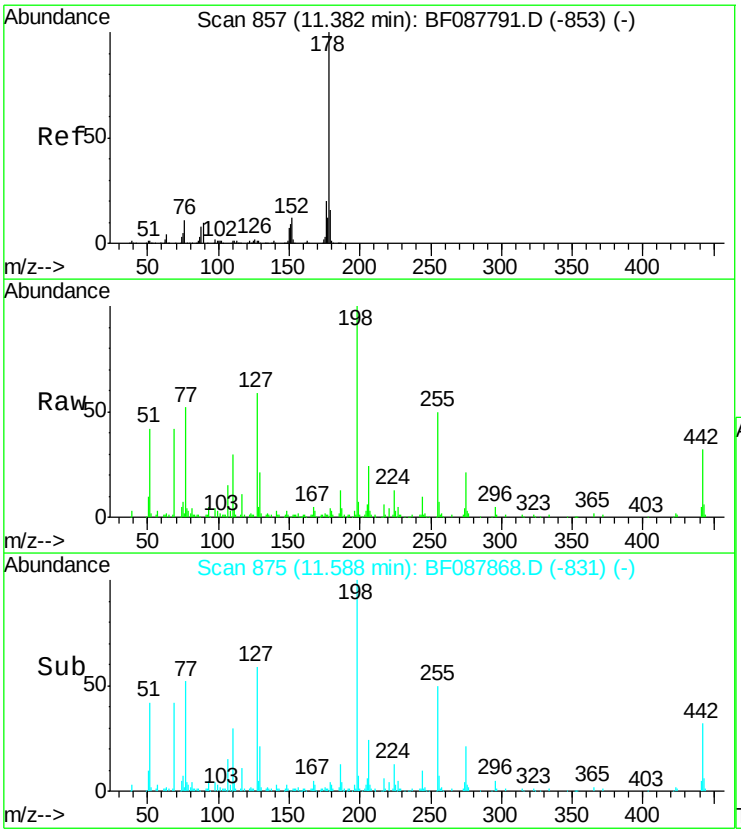
#69
Pentachlorophenol
Concen: 66248.22 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.03 min
Lab File: BF087868.D
Acq: 10 Jun 2016 12:09

Instrument :
BNA_F
ClientSampleId :
SS-58

Tgt Ion:266 Resp: 108604

Ion	Ratio	Lower	Upper
266	100		
268	62.7	52.8	79.2
264	61.9	49.6	74.4

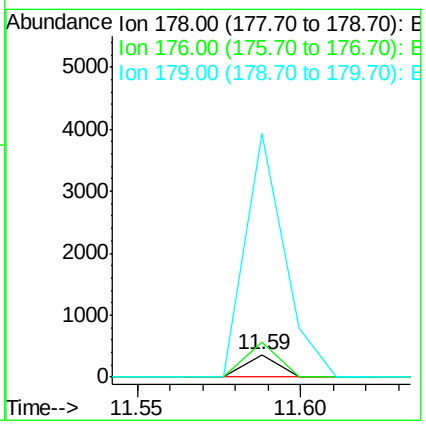


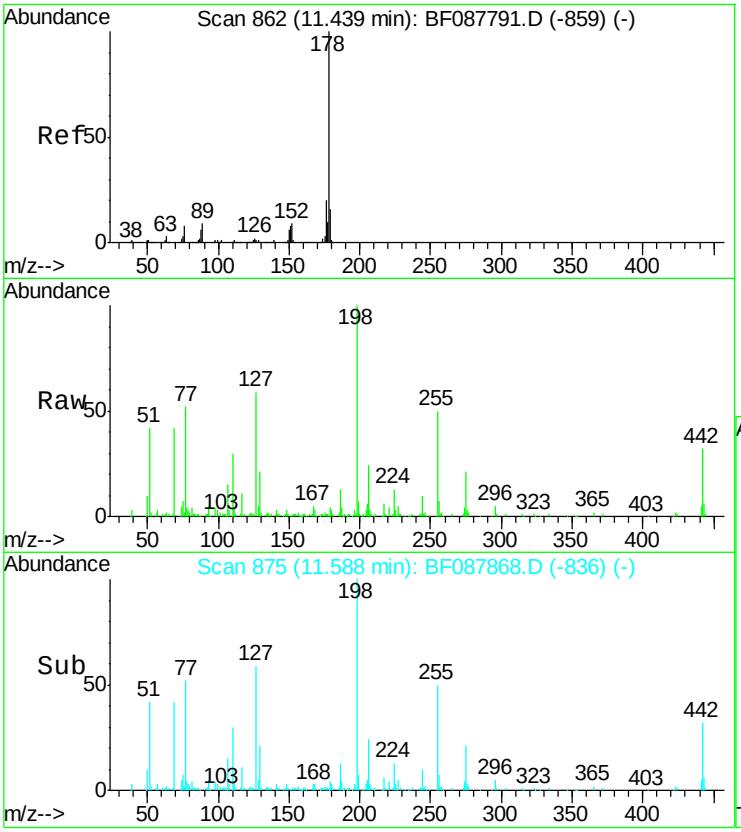


#70
Phenanthrene
Concen: 17.14 ng
RT: 11.59 min Scan# 875
Delta R.T. 0.21 min
Lab File: BF087868.D
Acq: 10 Jun 2016 12:09

Tgt Ion:178 Resp: 251

Ion	Ratio	Lower	Upper
178	100		
176	155.2	15.8	23.6#
179	1073.5	13.0	19.4#



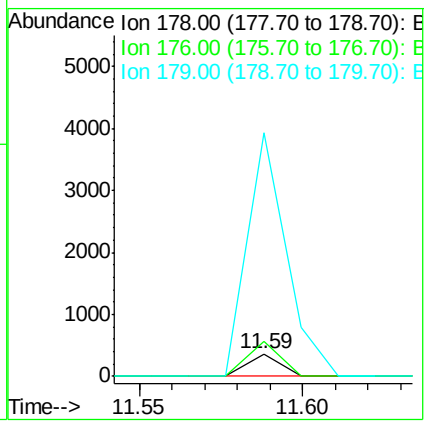


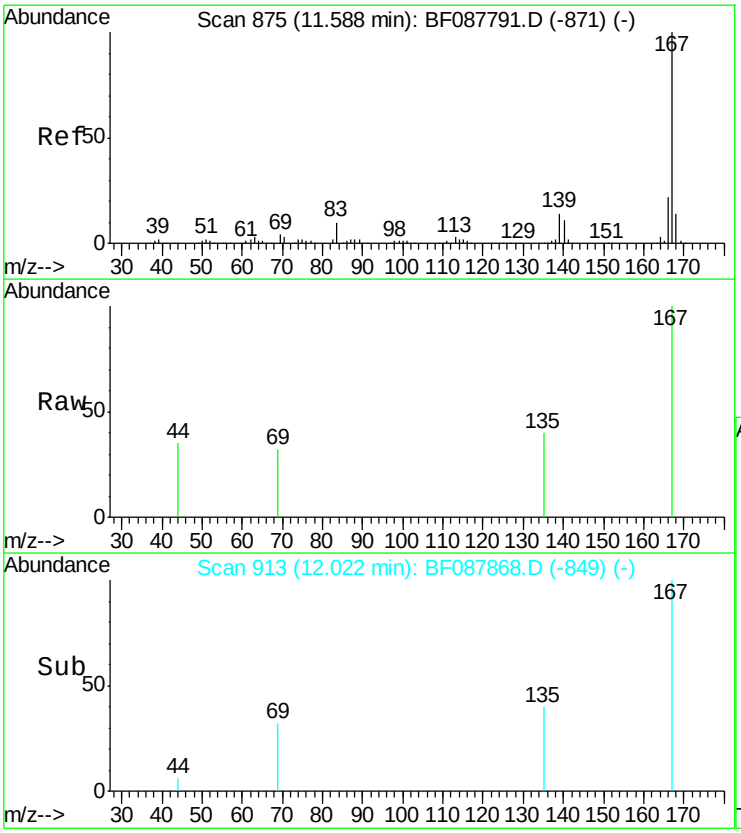
#71
Anthracene
Concen: 17.00 ng
RT: 11.59 min Scan# 875
Delta R.T. 0.15 min
Lab File: BF087868.D
Acq: 10 Jun 2016 12:09

Instrument :
BNA_F
ClientSampleId :
SS-58

Tgt Ion:178 Resp: 251

Ion	Ratio	Lower	Upper
178	100		
176	155.2	15.6	23.4#
179	1073.5	12.8	19.2#

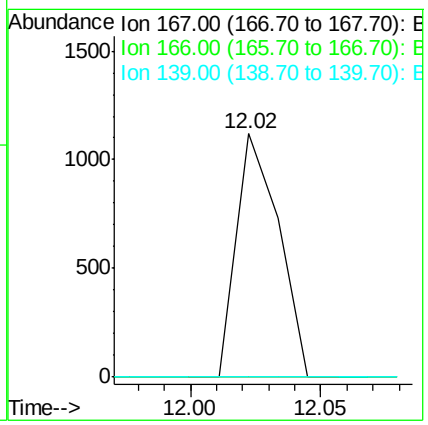


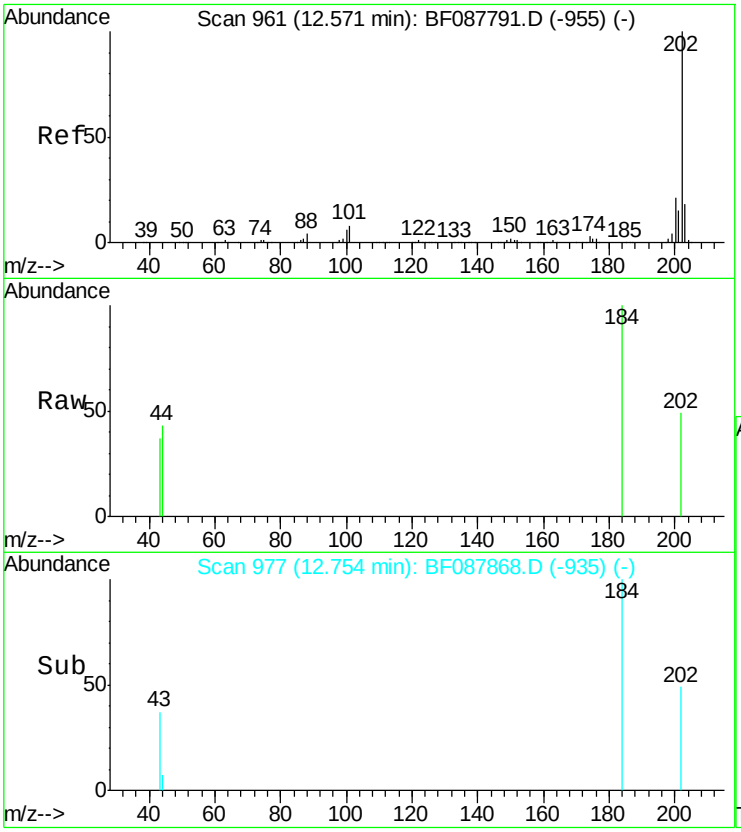


#72
Carbazole
Concen: 91.97 ng
RT: 12.02 min Scan# 913
Delta R.T. 0.43 min
Lab File: BF087868.D
Acq: 10 Jun 2016 12:09

Tgt Ion:167 Resp: 1271

Ion	Ratio	Lower	Upper
167	100		
166	0.0	17.8	26.6#
139	0.0	11.2	16.8#



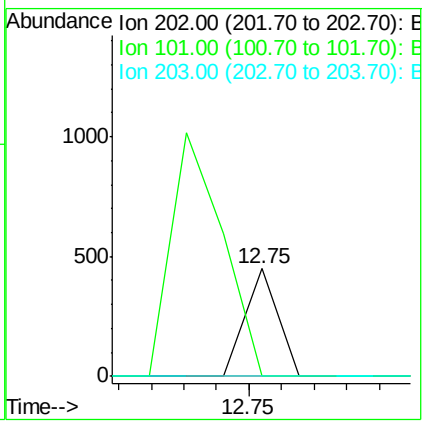


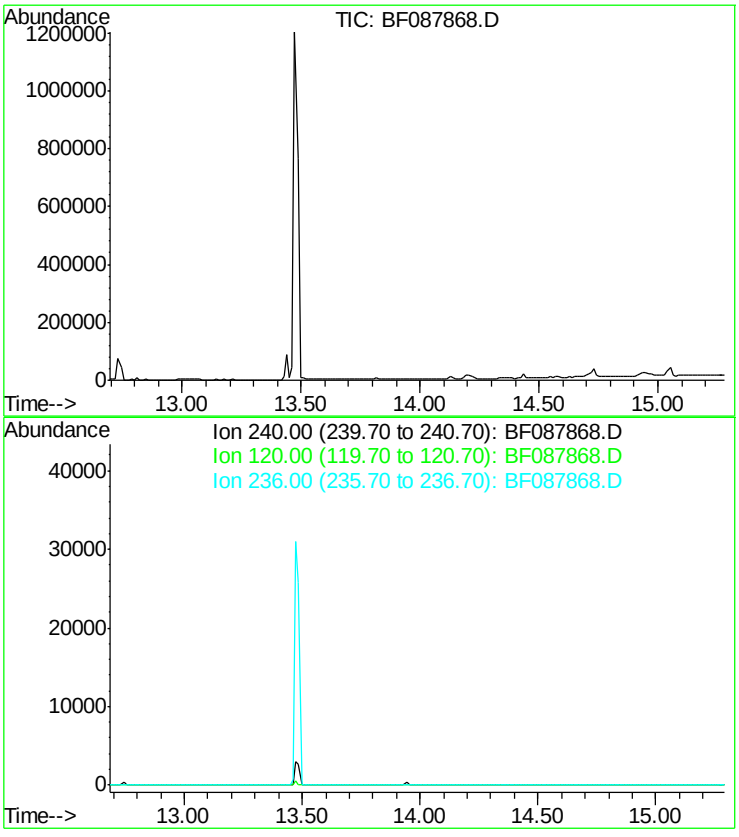
#74
Fluoranthene
Concen: 19.93 ng
RT: 12.75 min Scan# 977
Delta R.T. 0.18 min
Lab File: BF087868.D
Acq: 10 Jun 2016 12:09

Instrument :
BNA_F
ClientSampleId :
SS-58

Tgt Ion:202 Resp: 308

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	33.1
203	0.0	0.0	38.1



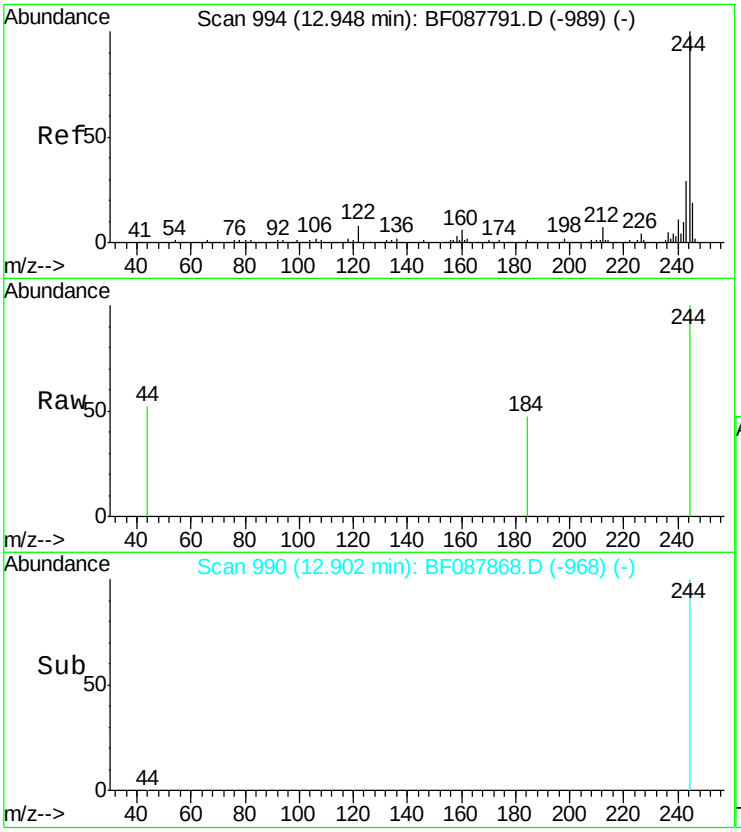


#75
Chrysene-d12
Concen: 0.00 ng
Expected RT: 13.99 min

Lab File: BF087868.D
Acq: 10 Jun 2016 12:09

Tgt Ion: 240

Sig	Exp Ratio
240	100
120	8.5
236	25.2

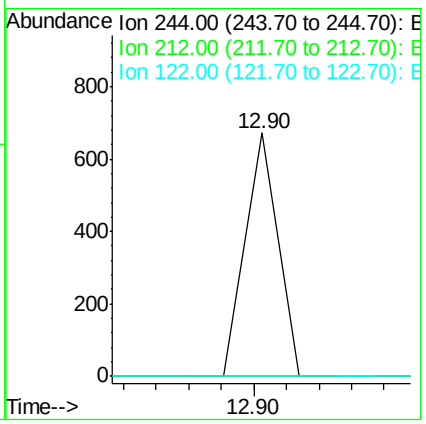


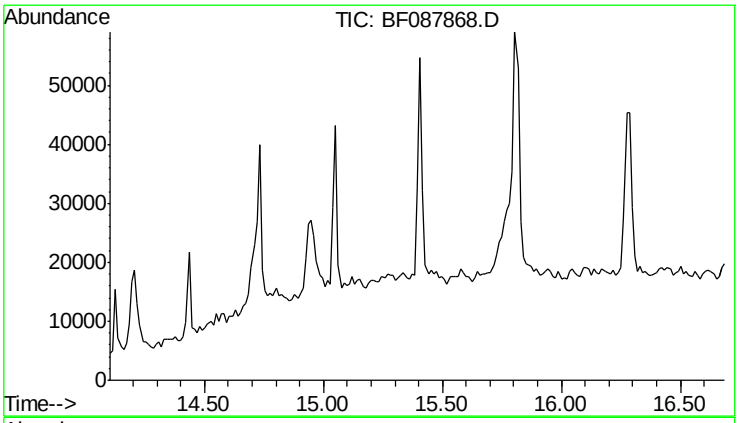
#78
Terphenyl-d14
Concen: 0.00 ng
RT: 12.90 min Scan# 990
Delta R.T. -0.05 min
Lab File: BF087868.D
Acq: 10 Jun 2016 12:09

Instrument :
BNA_F
ClientSampleId :
SS-58

Tgt Ion:244 Resp: 461

Ion	Ratio	Lower	Upper
244	100		
212	0.0	6.0	9.0#
122	0.0	11.2	16.8#





#86
Perylene-d12
Concen: 0.00 ng
Expected RT: 15.39 min

Lab File: BF087868.D
Acq: 10 Jun 2016 12:09

Tgt Ion: 264

Sig	Exp Ratio
264	100
260	24.0
265	21.1