Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100518\
Data File : BG037188.D
Acq On : 5 Oct 2018 13:51
Operator : JU/SJ
Sample : PB113493BL
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Oct 05 14:29:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	39816	20.00	ng	-0.01
21) Naphthalene-d8	10.84	136	170155	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	112427	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	288894	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	293463	20.00	ng	-0.02
86) Perylene-d12	24.86	264	276944	20.00	ng	-0.04
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	20.02	244	6858	0.61	ng	0.00
Target Compounds						Qvalue
50) 2,6-Dinitrotoluene	14.66	165	14416	7.301	ng	# 20
56) 2,4-Dinitrotoluene	14.66	165	14417	5.233	ng	# 18

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

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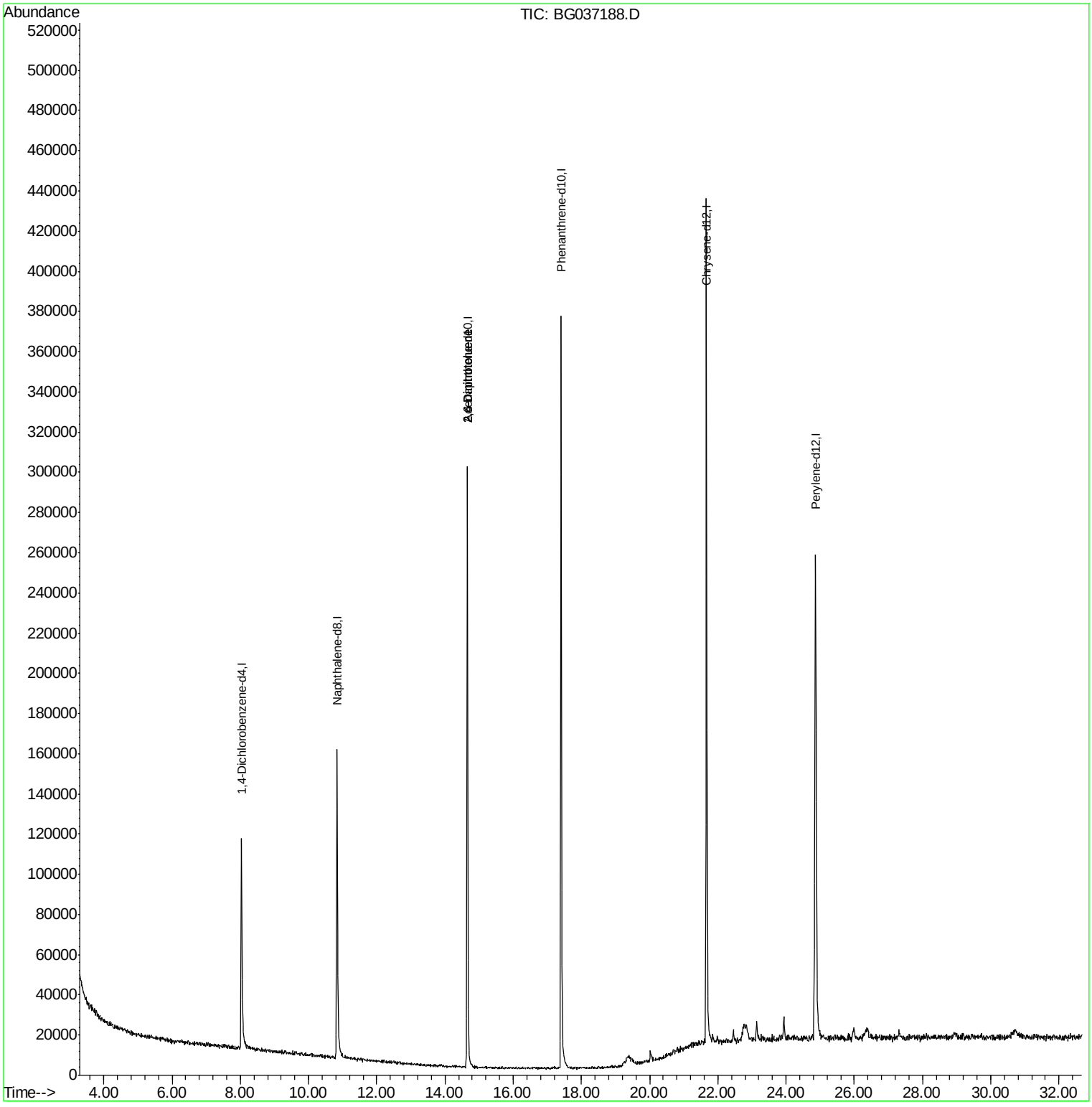
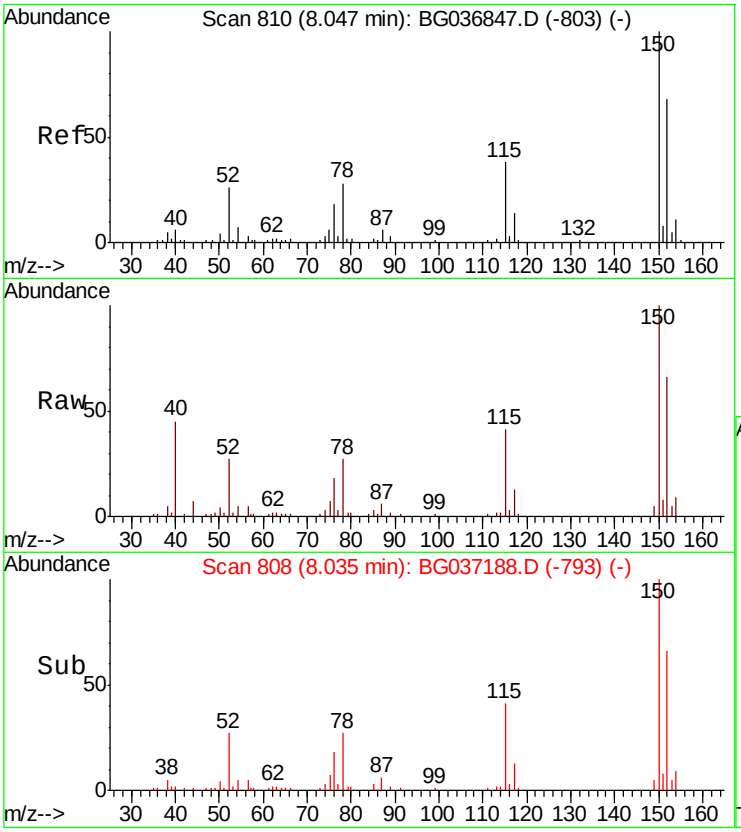
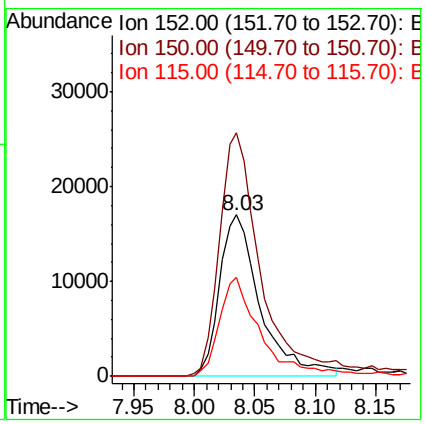




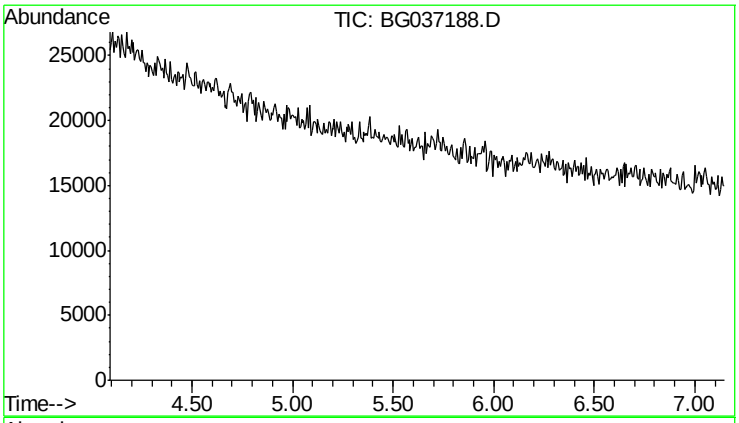
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG037188.D
Acq: 5 Oct 2018 13:51

Tgt Ion:152 Resp: 39816

Ion	Ratio	Lower	Upper
152	100		
150	151.1	119.5	179.3
115	61.3	44.5	66.7



Instrument :
BNA_G
ClientSampleId :

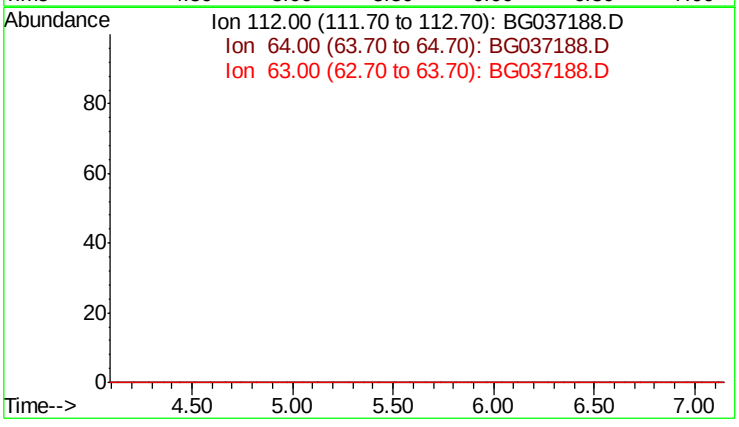


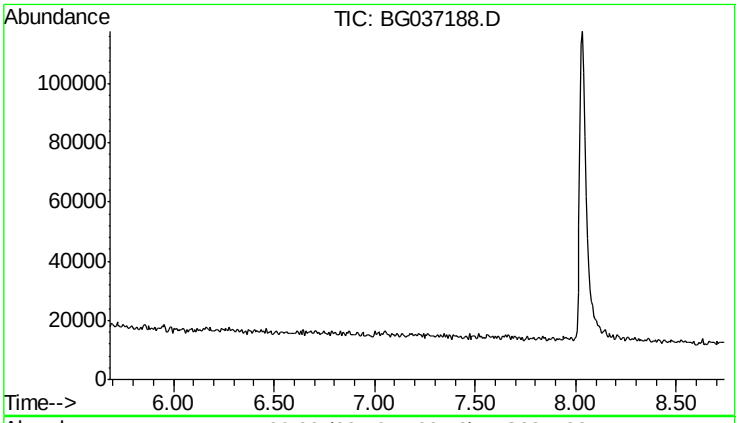
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.62 min

Lab File: BG037188.D
Acq: 5 Oct 2018 13:51

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	71.5
63	38.5





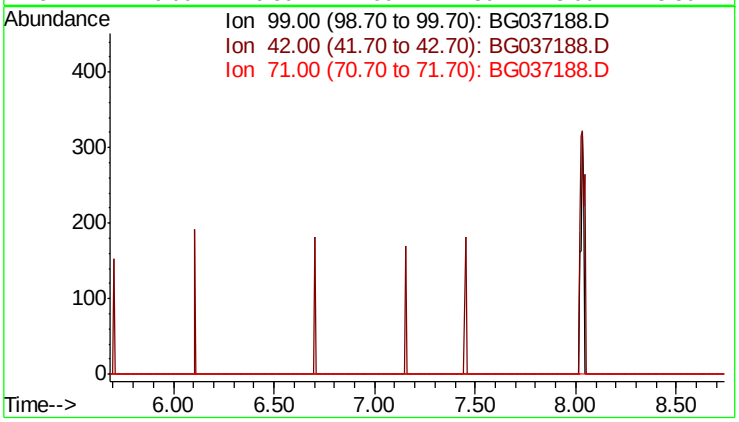
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 7.21 min

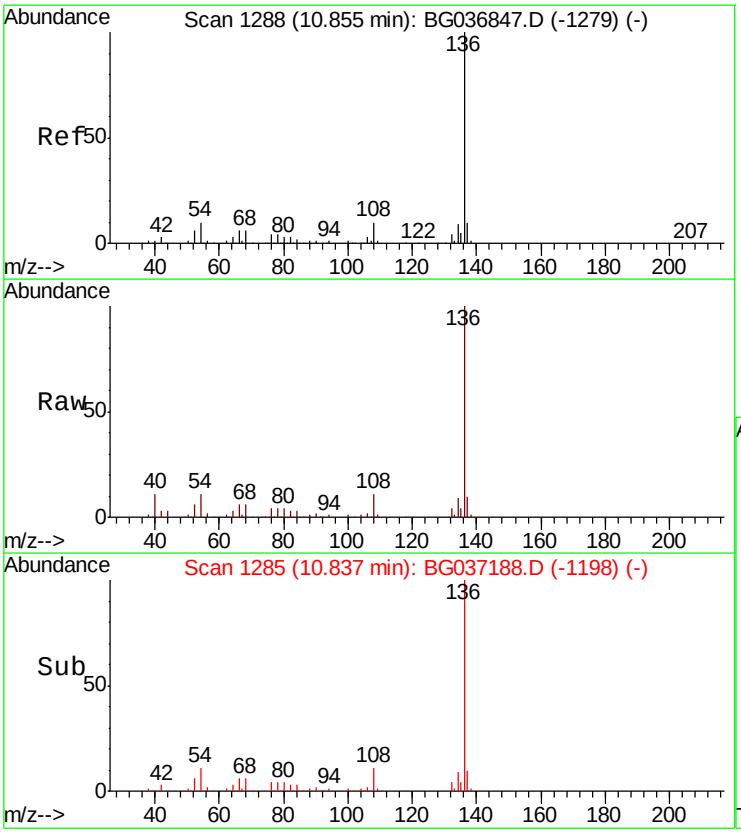
Lab File: BG037188.D
Acq: 5 Oct 2018 13:51

Tgt Ion: 99

Sig	Exp Ratio
99	100
42	20.6
71	36.8

Instrument :
BNA_G
ClientSampleId :

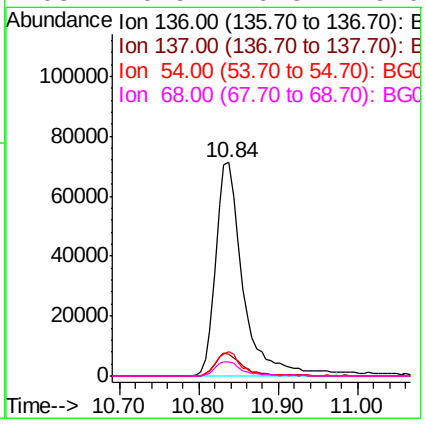


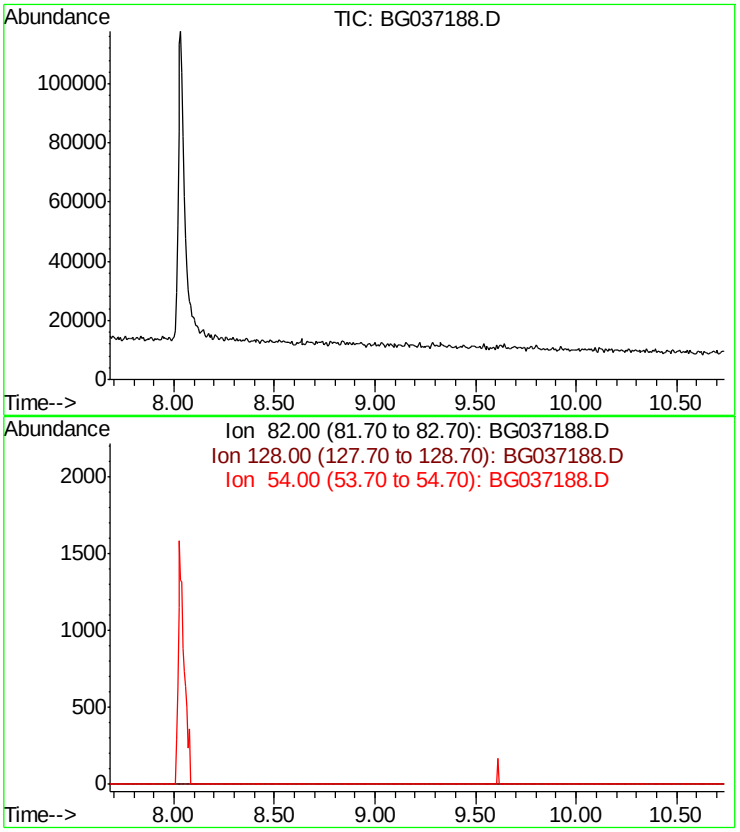


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BG037188.D
Acq: 5 Oct 2018 13:51

Tgt Ion:136 Resp: 170155

Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.8	13.2
54	11.2	9.2	13.8
68	6.5	5.8	8.6





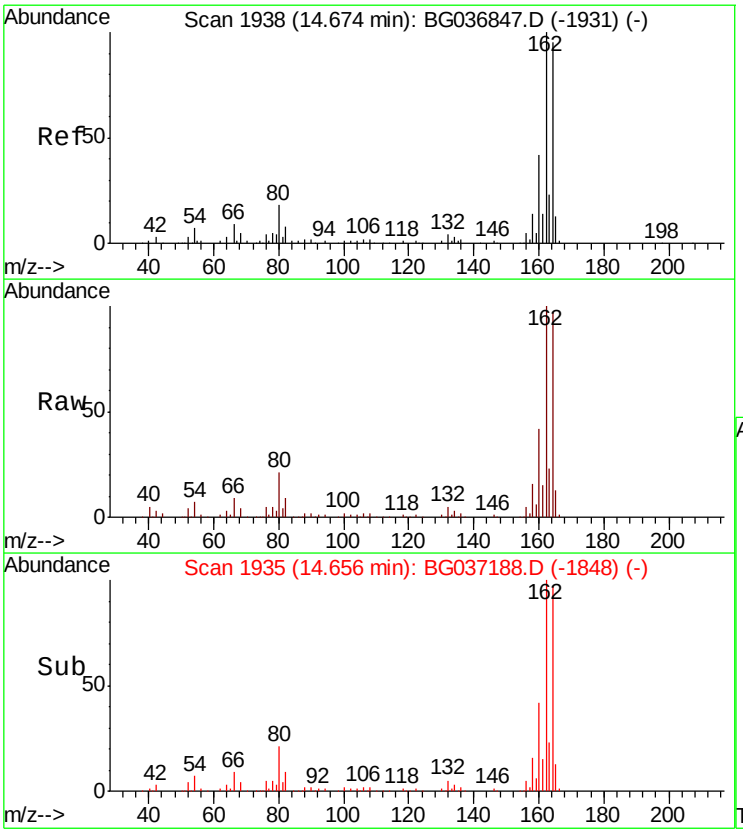
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 9.21 min

Lab File: BG037188.D
Acq: 5 Oct 2018 13:51

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	41.6
54	56.4

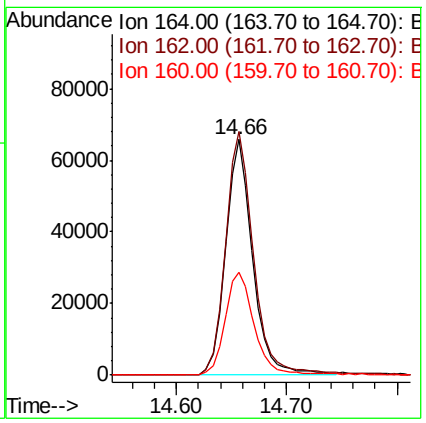
Instrument :
BNA_G
ClientSampleId :

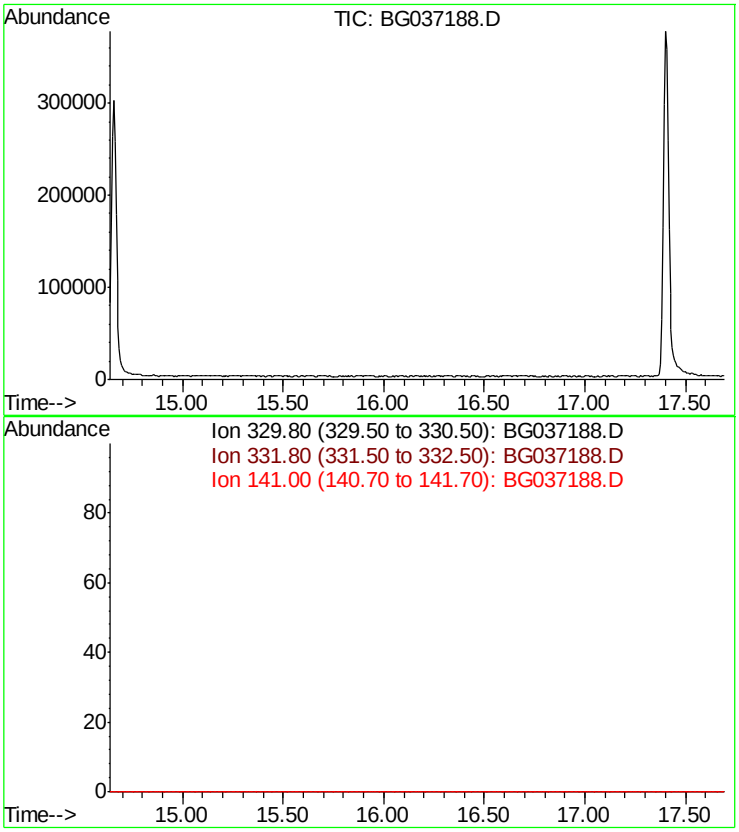


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1935
Delta R.T. -0.02 min
Lab File: BG037188.D
Acq: 5 Oct 2018 13:51

Tgt Ion:164 Resp: 112427

Ion	Ratio	Lower	Upper
164	100		
162	103.5	80.7	121.1
160	43.6	35.3	52.9





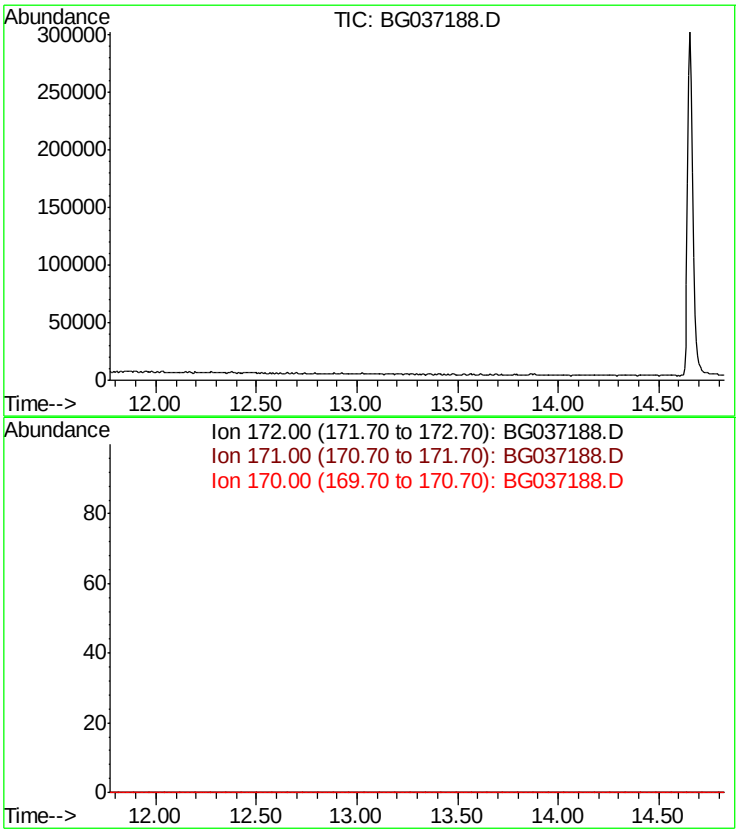
#41
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 16.17 min

Lab File: BG037188.D
Acq: 5 Oct 2018 13:51

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	94.3
141	38.4

Instrument :
BNA_G
ClientSampleId :

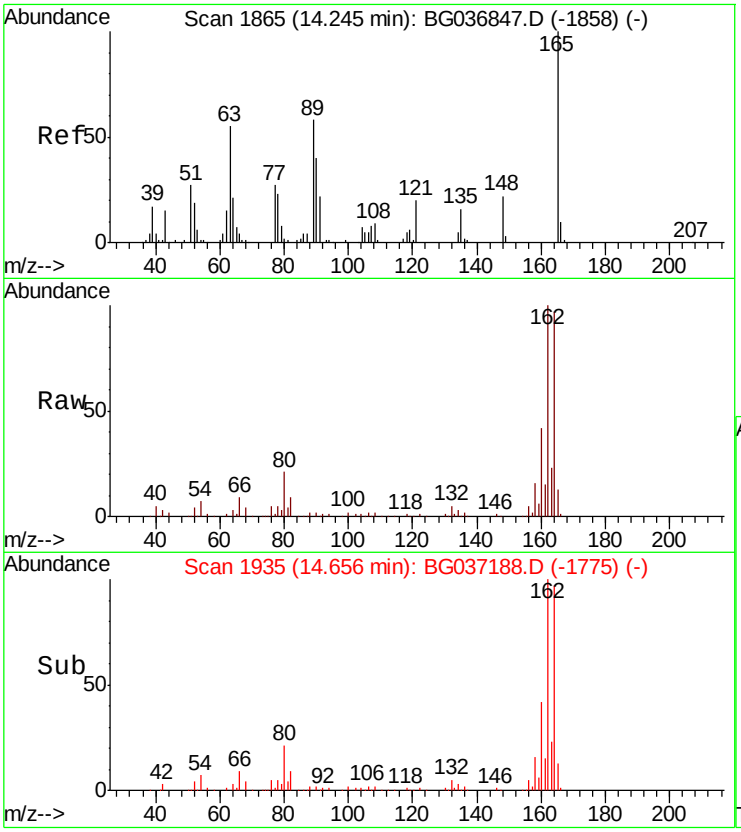


#44
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 13.30 min

Lab File: BG037188.D
Acq: 5 Oct 2018 13:51

Tgt Ion: 172

Sig	Exp Ratio
172	100
171	39.1
170	26.3

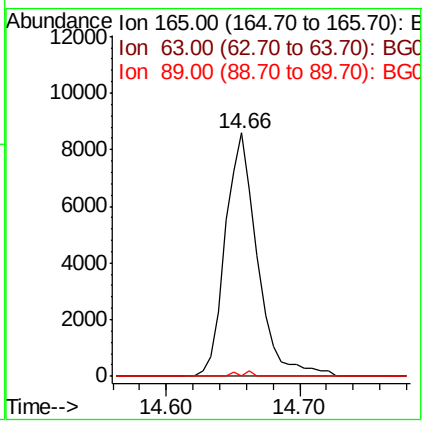


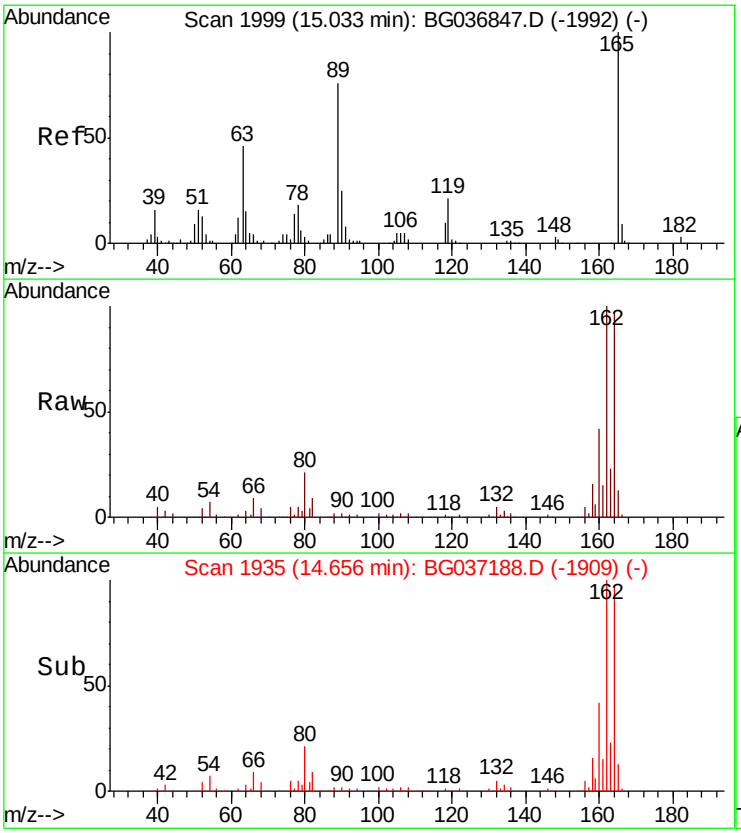
#50
2,6-Dinitrotoluene
Concen: 7.301 ng
RT: 14.66 min Scan# 1935
Delta R.T. 0.41 min
Lab File: BG037188.D
Acq: 5 Oct 2018 13:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 14416

Ion	Ratio	Lower	Upper
165	100		
63	0.0	50.1	75.1#
89	0.0	47.8	71.6#

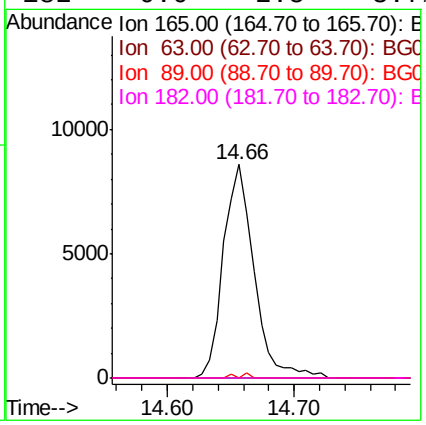


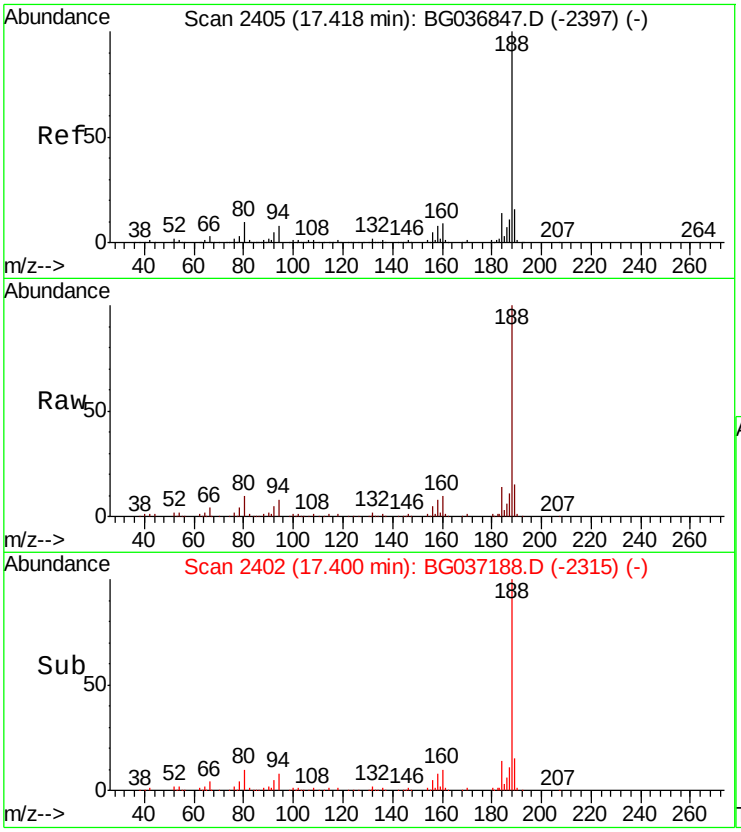


#56
2,4-Dinitrotoluene
Concen: 5.233 ng
RT: 14.66 min Scan# 1935
Delta R.T. -0.38 min
Lab File: BG037188.D
Acq: 5 Oct 2018 13:51

Tgt Ion:165 Resp: 14417

Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	0.0	63.7	95.5#
182	0.0	2.5	3.7#



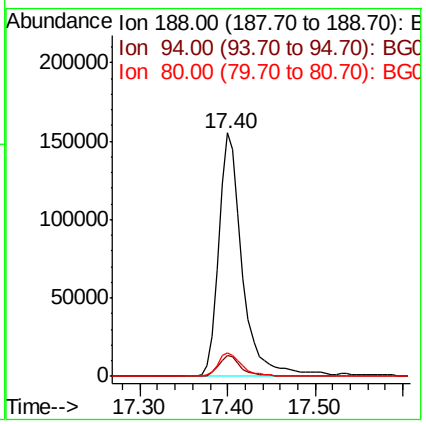


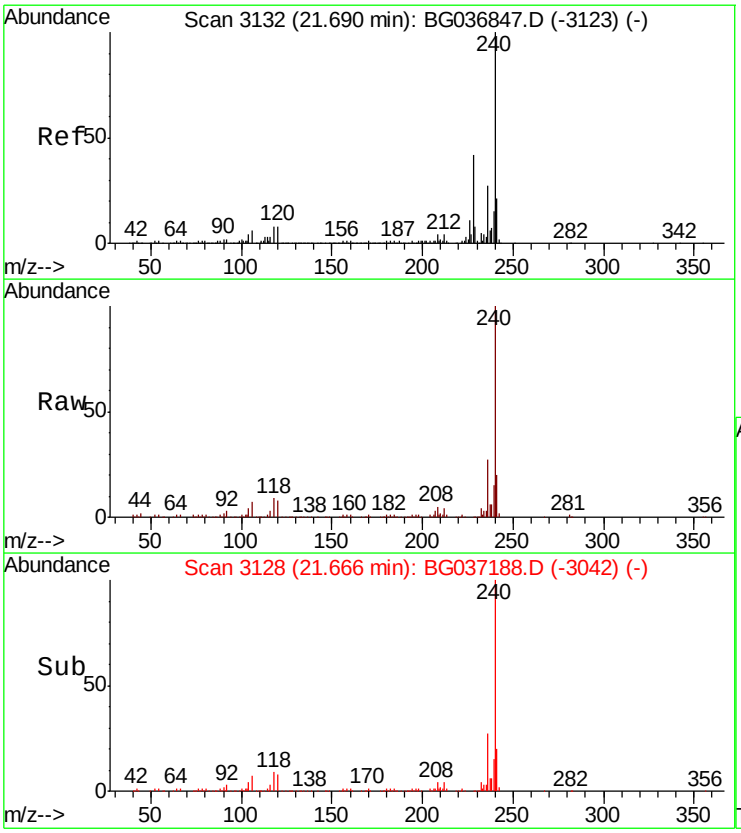
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2402
Delta R.T. -0.02 min
Lab File: BG037188.D
Acq: 5 Oct 2018 13:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 288894

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.7	10.1
80	9.6	8.1	12.1

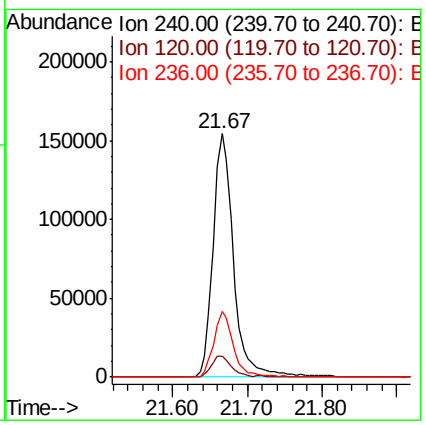


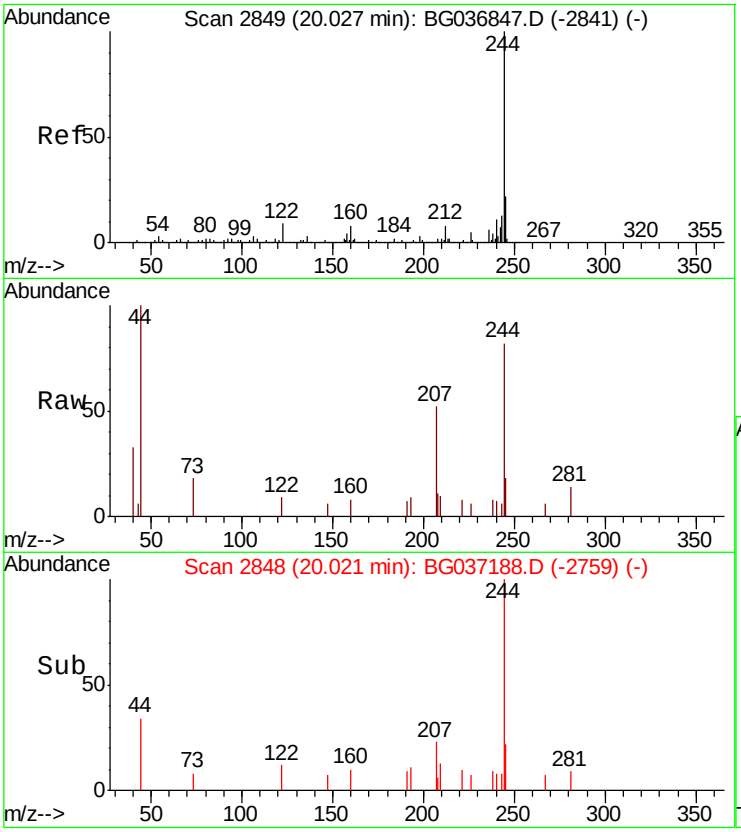


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.02 min
Lab File: BG037188.D
Acq: 5 Oct 2018 13:51

Tgt Ion:240 Resp: 293463

Ion	Ratio	Lower	Upper
240	100		
120	8.4	6.9	10.3
236	27.0	21.2	31.8



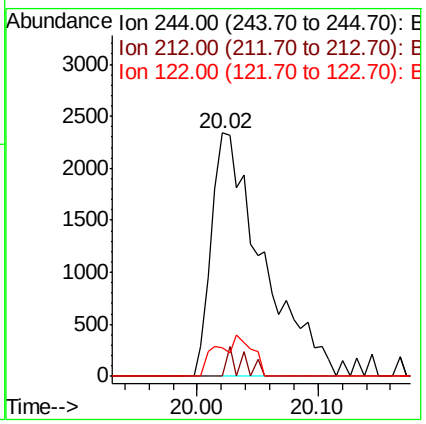


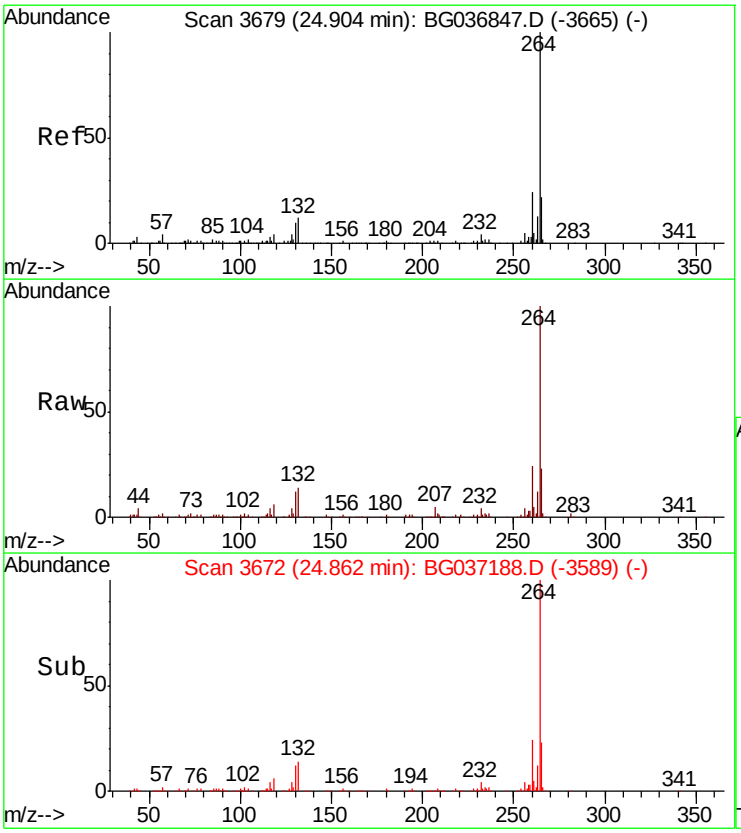
#78
Terphenyl-d14
Concen: 0.614 ng
RT: 20.02 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BG037188.D
Acq: 5 Oct 2018 13:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 6858

Ion	Ratio	Lower	Upper
244	100		
212	0.0	7.0	10.6#
122	11.6	7.1	10.7#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3672
Delta R.T. -0.04 min
Lab File: BG037188.D
Acq: 5 Oct 2018 13:51

Tgt Ion:264 Resp: 276944

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.6	29.4
265	23.4	17.4	26.0