Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100918\
Data File : BG037235.D
Acq On : 10 Oct 2018 2:38
Operator : JU/SJ
Sample : J5200-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Oct 11 11:59:05 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	0.00	152	0	0.00	ng	-8.05
21) Naphthalene-d8	10.75	136	149441	20.00	ng	-0.10
38) Acenaphthene-d10	14.58	164	96680	20.00	ng	-0.09
63) Phenanthrene-d10	17.33	188	265689	20.00	ng	-0.09
75) Chrysene-d12	21.58	240	308093	20.00	ng	-0.11
86) Perylene-d12	24.71	264	303363	20.00	ng	-0.19
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	238208	0.00	ng	-0.10
7) Phenol-d6	7.11	99	296007	0.00	ng	-0.10
23) Nitrobenzene-d5	9.11	82	242805	87.01	ng	-0.10
41) 2,4,6-Tribromophenol	16.08	330	144973	125.33	ng	-0.09
44) 2-Fluorobiphenyl	13.21	172	512203	78.91	ng	-0.09
78) Terphenyl-d14	19.94	244	1095658	93.51	ng	-0.09
Target Compounds						Qvalue
50) 2,6-Dinitrotoluene	14.58	165	12446	7.330	ng	# 20
56) 2,4-Dinitrotoluene	14.58	165	12446	5.253	ng	# 18
66) 4-Bromophenyl-phenylether	16.08	248	10004	3.310	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100918\
Data File : BG037235.D
Acq On : 10 Oct 2018 2:38
Operator : JU/SJ
Sample : J5200-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 11 11:59:05 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
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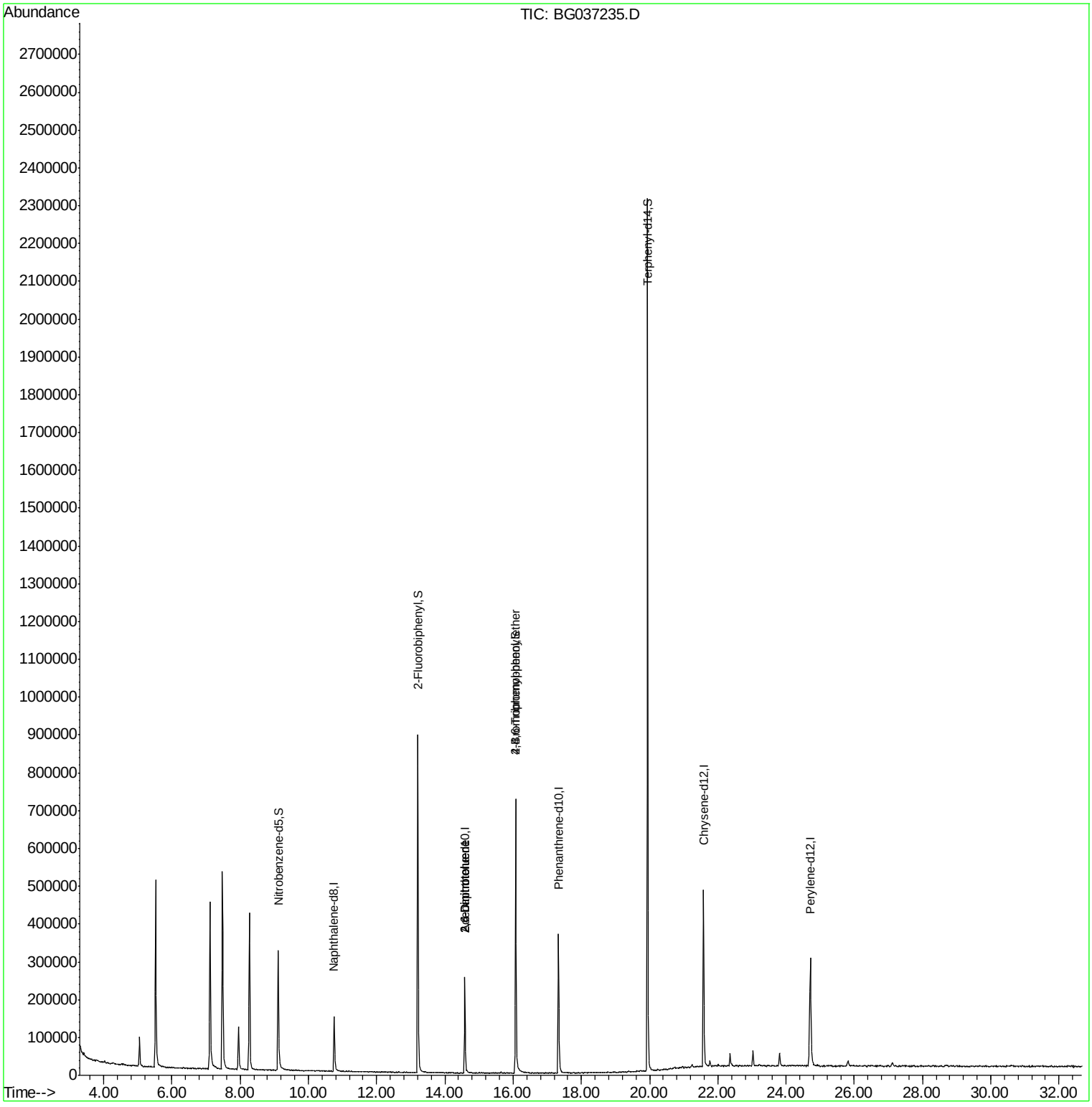
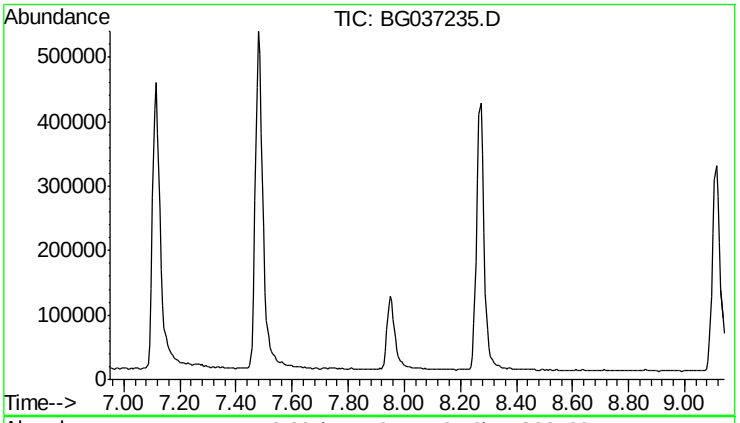




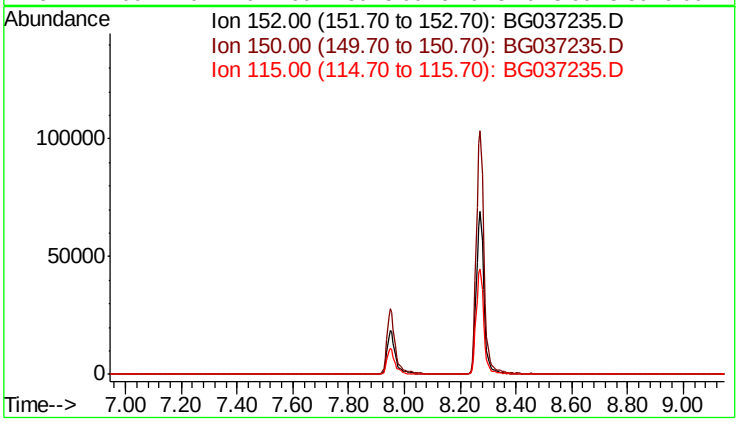
#1
1,4-Dichlorobenzene-d4
Concen: 0.000 ng
Expected RT: 8.05 min

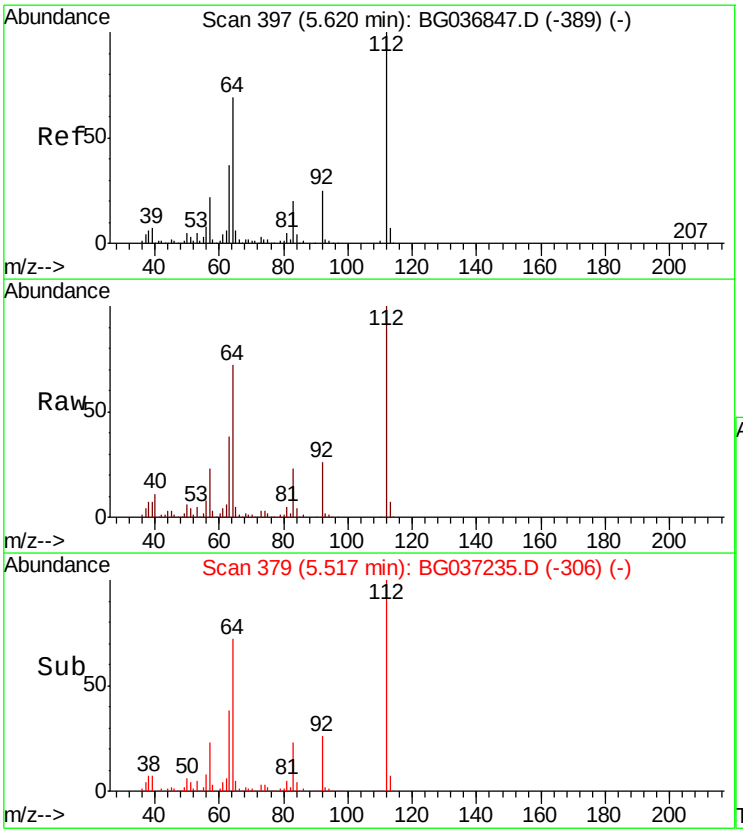
Lab File: BG037235.D
Acq: 10 Oct 2018 2:38

Tgt Ion: 152

Sig	Exp Ratio
152	100
150	149.4
115	55.6

Instrument :
BNA_G
ClientSampleId :

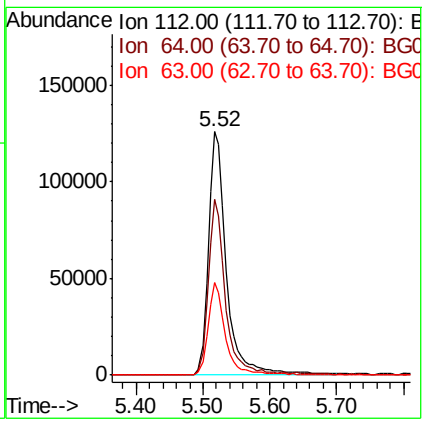


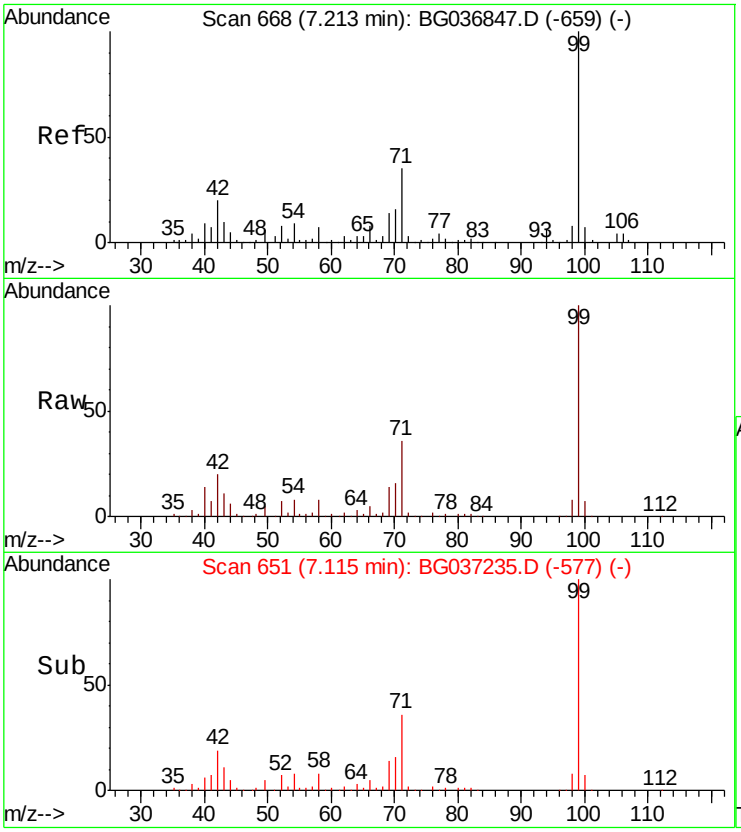


#5
2-Fluorophenol
Concen: 0.000 ng
RT: 5.52 min Scan# 379
Delta R.T. -0.10 min
Lab File: BG037235.D
Acq: 10 Oct 2018 2:38

Tgt Ion:112 Resp: 238208

Ion	Ratio	Lower	Upper
112	100		
64	72.1	57.2	85.8
63	38.1	30.8	46.2



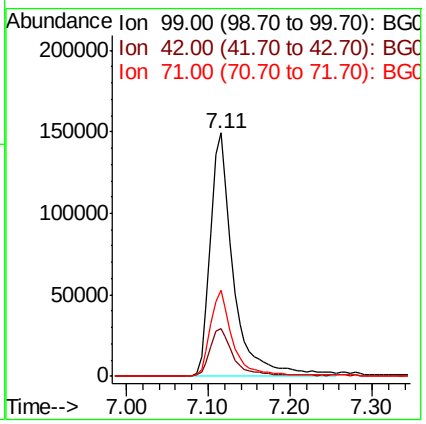


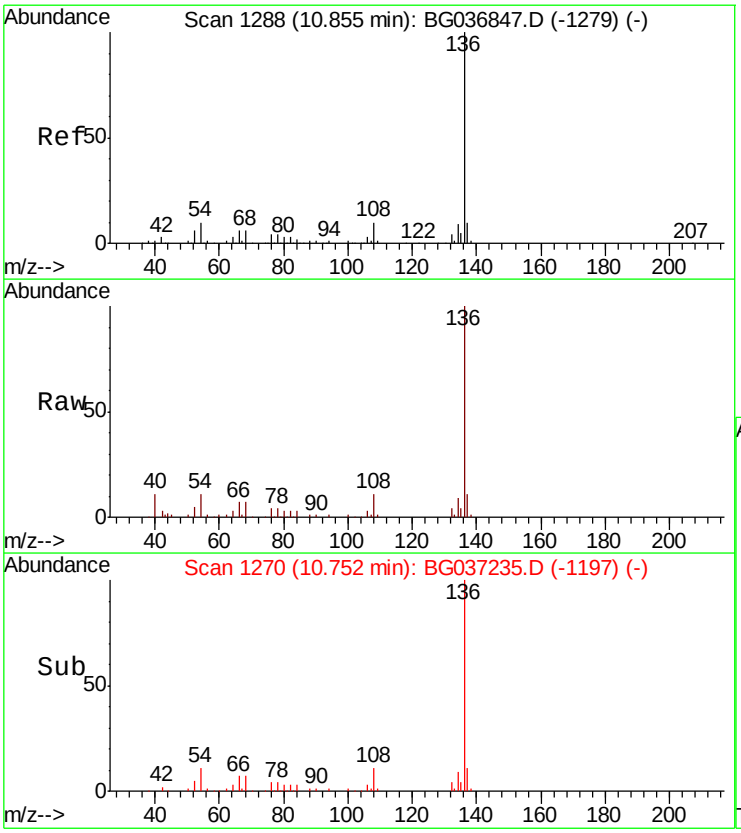
#7
Phenol-d6
Concen: 0.000 ng
RT: 7.11 min Scan# 651
Delta R.T. -0.10 min
Lab File: BG037235.D
Acq: 10 Oct 2018 2:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 296007

Ion	Ratio	Lower	Upper
99	100		
42	19.5	16.5	24.7
71	35.6	29.4	44.2

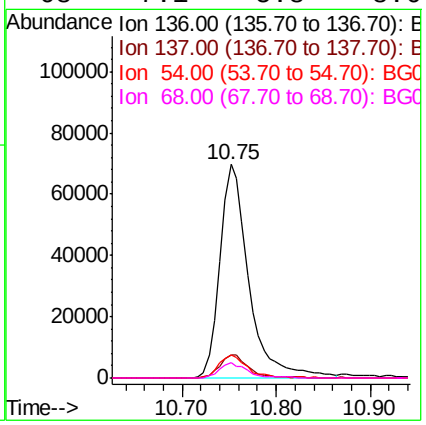


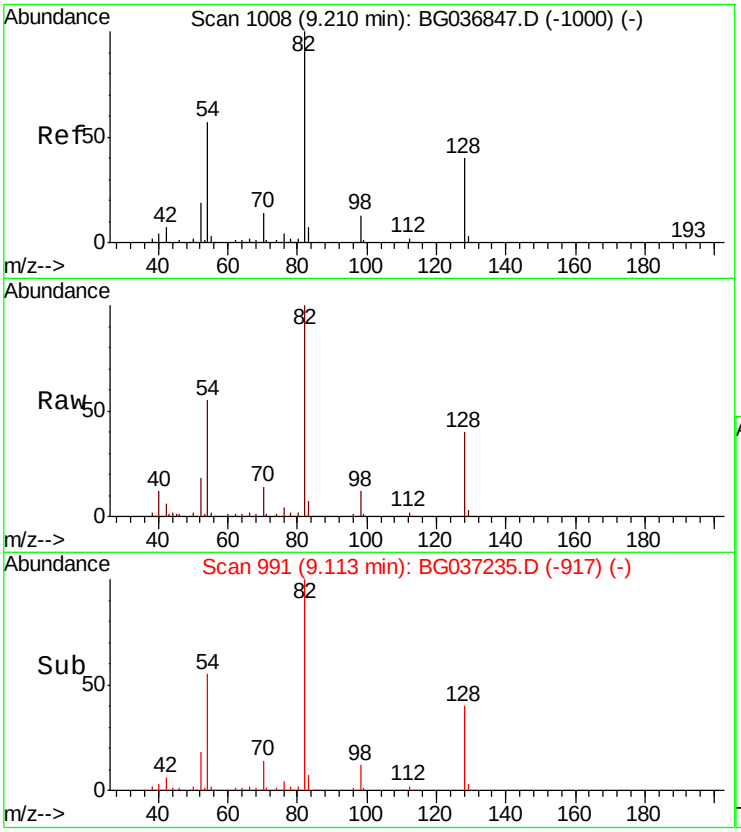


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1270
Delta R.T. -0.10 min
Lab File: BG037235.D
Acq: 10 Oct 2018 2:38

Tgt Ion:136 Resp: 149441

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	10.8	9.2	13.8
68	7.1	5.8	8.6

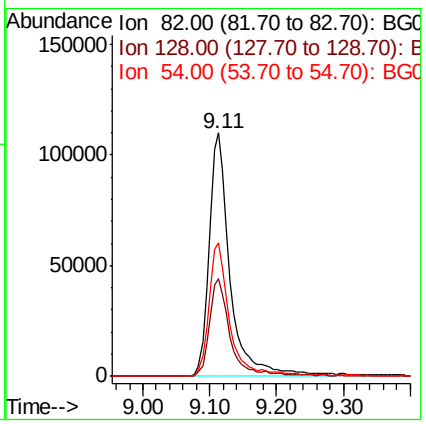




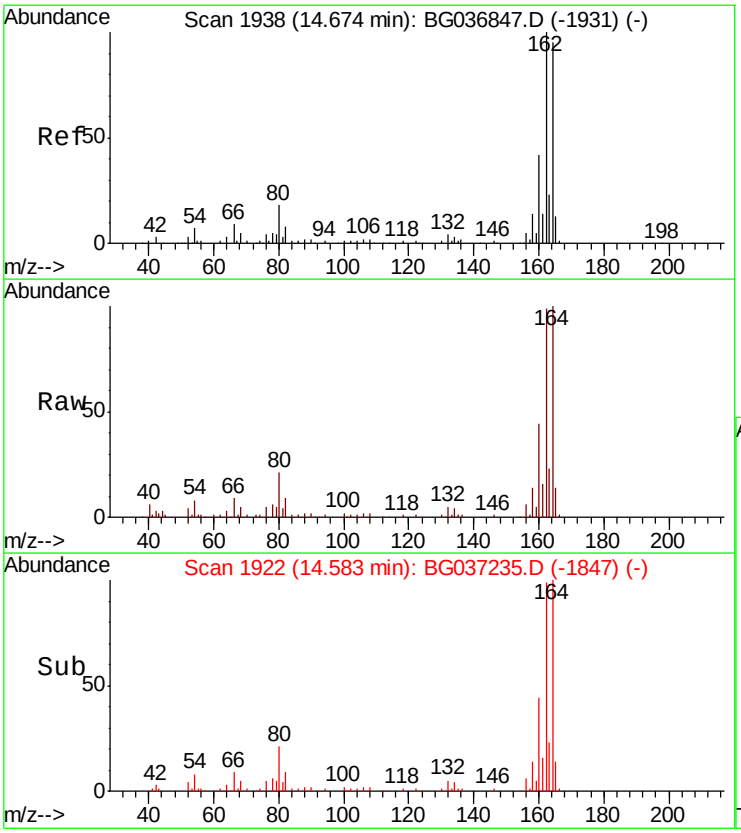
#23
Nitrobenzene-d5
Concen: 87.007 ng
RT: 9.11 min Scan# 991
Delta R.T. -0.10 min
Lab File: BG037235.D
Acq: 10 Oct 2018 2:38

Tgt Ion: 82 Resp: 242805

Ion	Ratio	Lower	Upper
82	100		
128	40.1	33.3	49.9
54	54.8	45.1	67.7



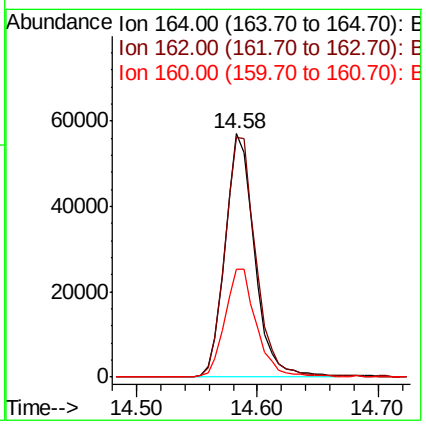
Instrument :
BNA_G
ClientSampleId :

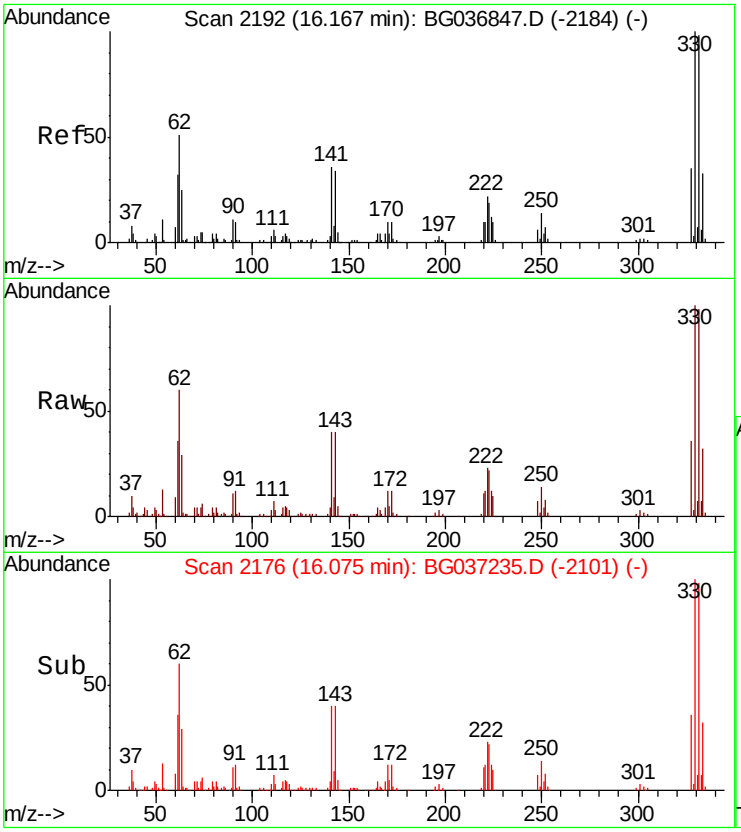


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1922
Delta R.T. -0.09 min
Lab File: BG037235.D
Acq: 10 Oct 2018 2:38

Tgt Ion:164 Resp: 96680

Ion	Ratio	Lower	Upper
164	100		
162	98.7	80.7	121.1
160	44.1	35.3	52.9



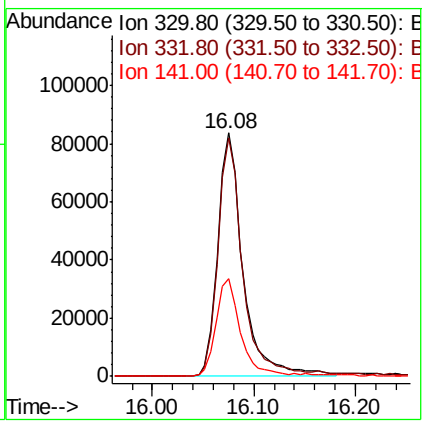


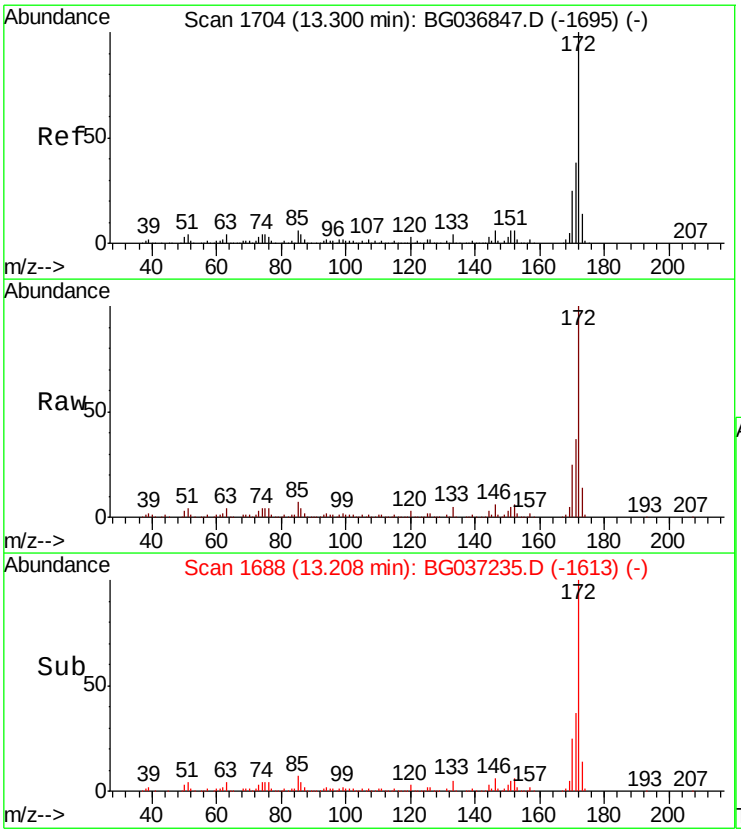
#41
2,4,6-Tribromophenol
Concen: 125.331 ng
RT: 16.08 min Scan# 2176
Delta R.T. -0.09 min
Lab File: BG037235.D
Acq: 10 Oct 2018 2:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 144973

Ion	Ratio	Lower	Upper
330	100		
332	98.3	75.4	113.2
141	40.5	30.7	46.1

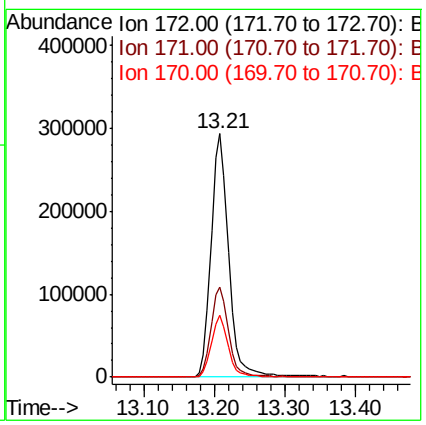


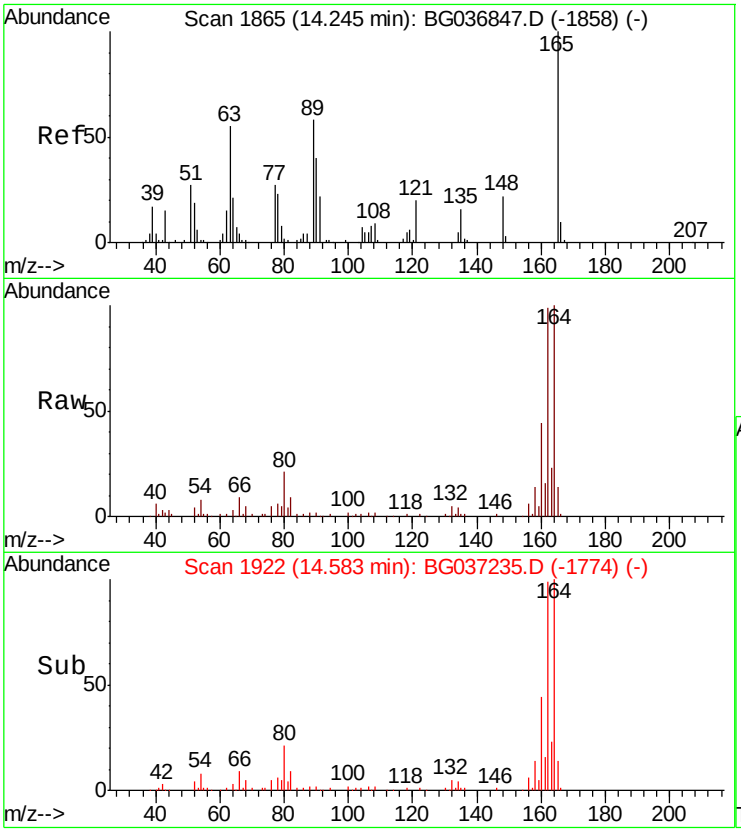


#44
2-Fluorobiphenyl
Concen: 78.907 ng
RT: 13.21 min Scan# 1688
Delta R.T. -0.09 min
Lab File: BG037235.D
Acq: 10 Oct 2018 2:38

Tgt Ion:172 Resp: 512203

Ion	Ratio	Lower	Upper
172	100		
171	36.8	31.3	46.9
170	25.2	21.0	31.6



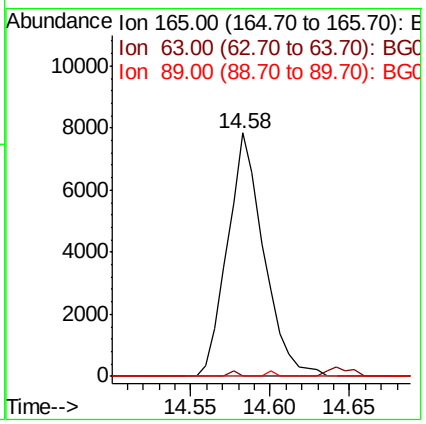


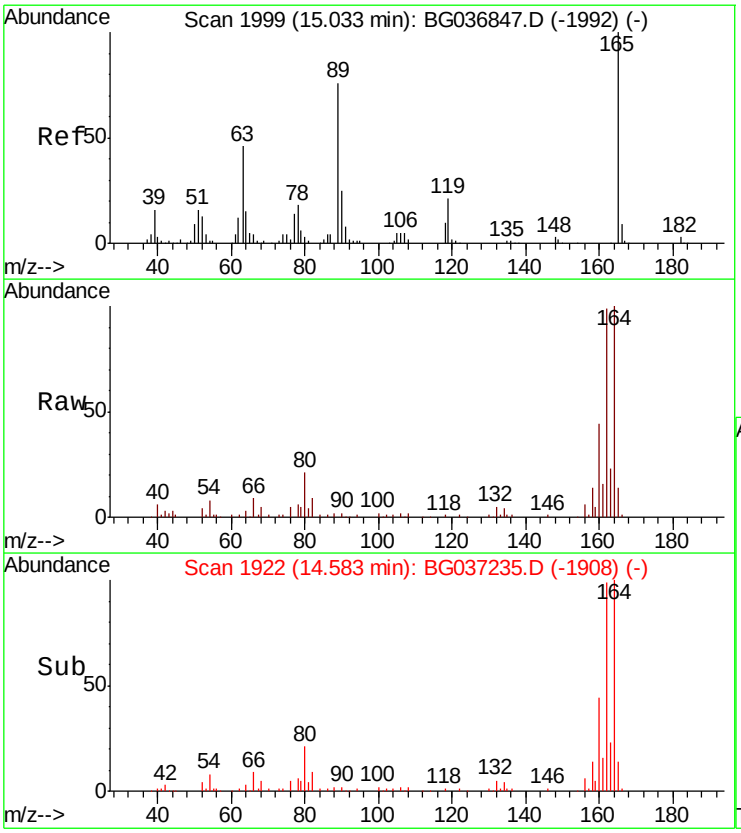
#50
2,6-Dinitrotoluene
Concen: 7.330 ng
RT: 14.58 min Scan# 1922
Delta R.T. 0.34 min
Lab File: BG037235.D
Acq: 10 Oct 2018 2:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 12446

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

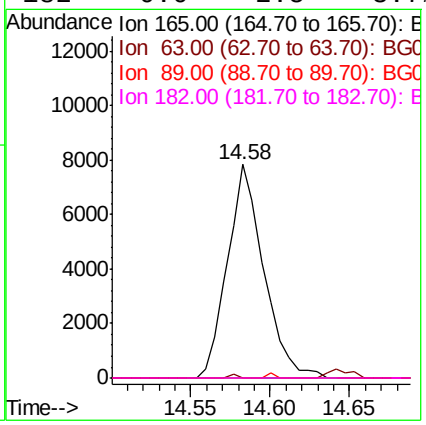


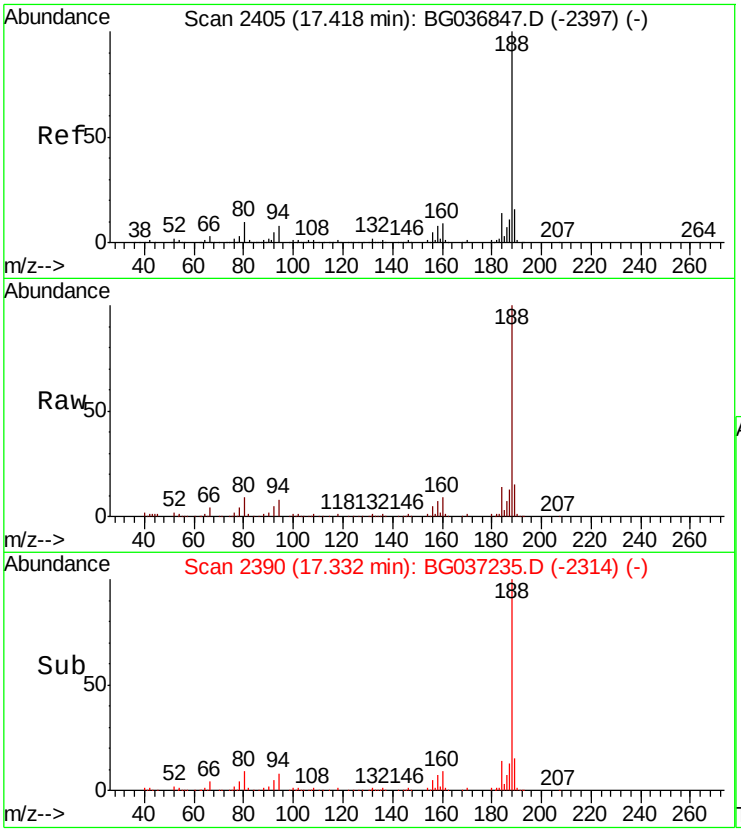


#56
2,4-Dinitrotoluene
Concen: 5.253 ng
RT: 14.58 min Scan# 1922
Delta R.T. -0.45 min
Lab File: BG037235.D
Acq: 10 Oct 2018 2:38

Tgt Ion:165 Resp: 12446

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#



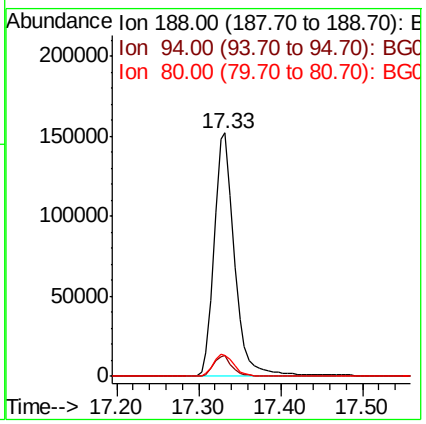


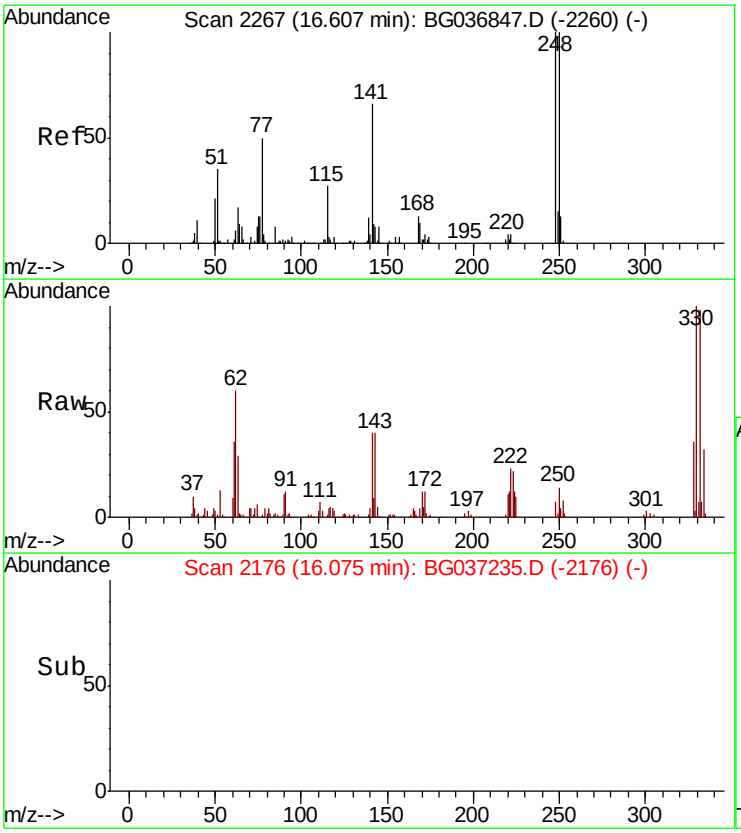
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.33 min Scan# 2390
Delta R.T. -0.09 min
Lab File: BG037235.D
Acq: 10 Oct 2018 2:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 265689

Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.7	10.1
80	8.8	8.1	12.1

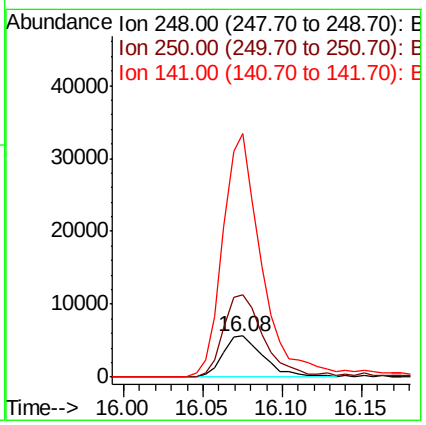


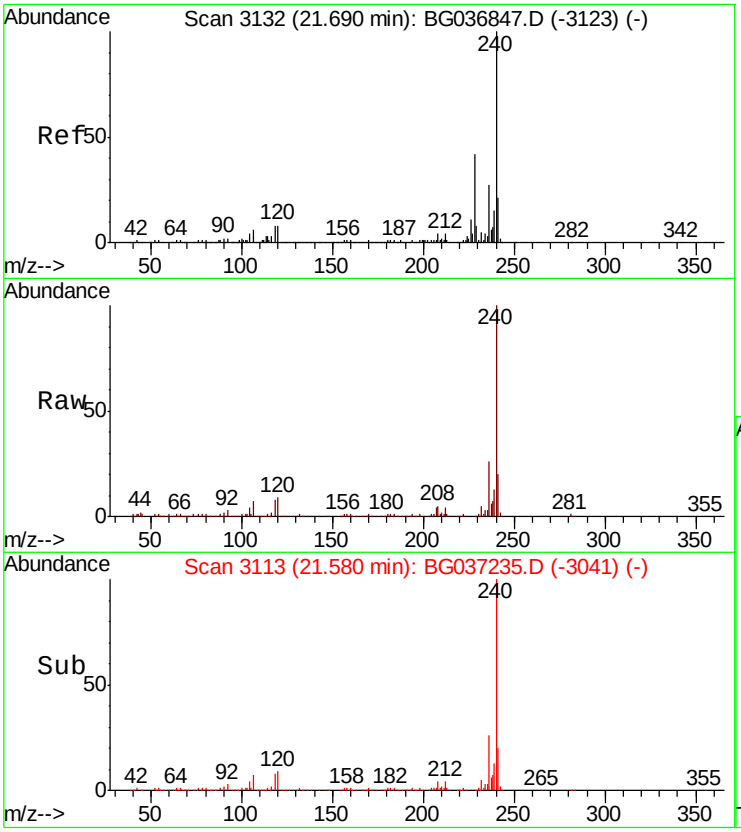


#66
4-Bromophenyl-phenylether
Concen: 3.310 ng
RT: 16.08 min Scan# 2176
Delta R.T. -0.53 min
Lab File: BG037235.D
Acq: 10 Oct 2018 2:38

Tgt Ion:248 Resp: 10004

Ion	Ratio	Lower	Upper
248	100		
250	201.1	78.1	117.1#
141	592.8	53.7	80.5#



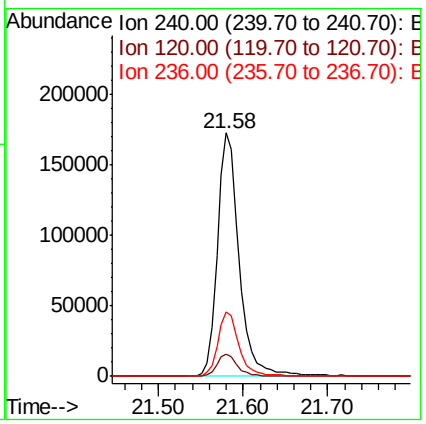


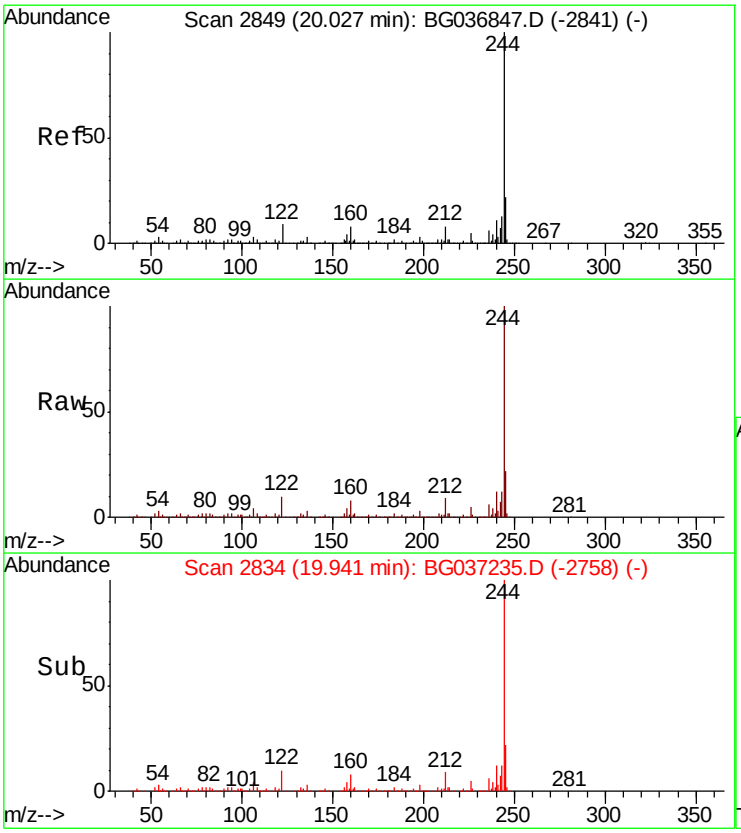
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.58 min Scan# 3113
Delta R.T. -0.11 min
Lab File: BG037235.D
Acq: 10 Oct 2018 2:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 308093

Ion	Ratio	Lower	Upper
240	100		
120	9.1	6.9	10.3
236	26.3	21.2	31.8

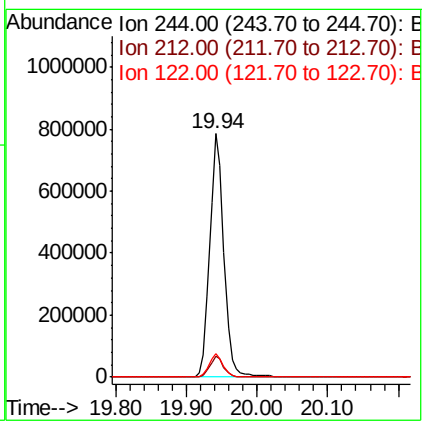


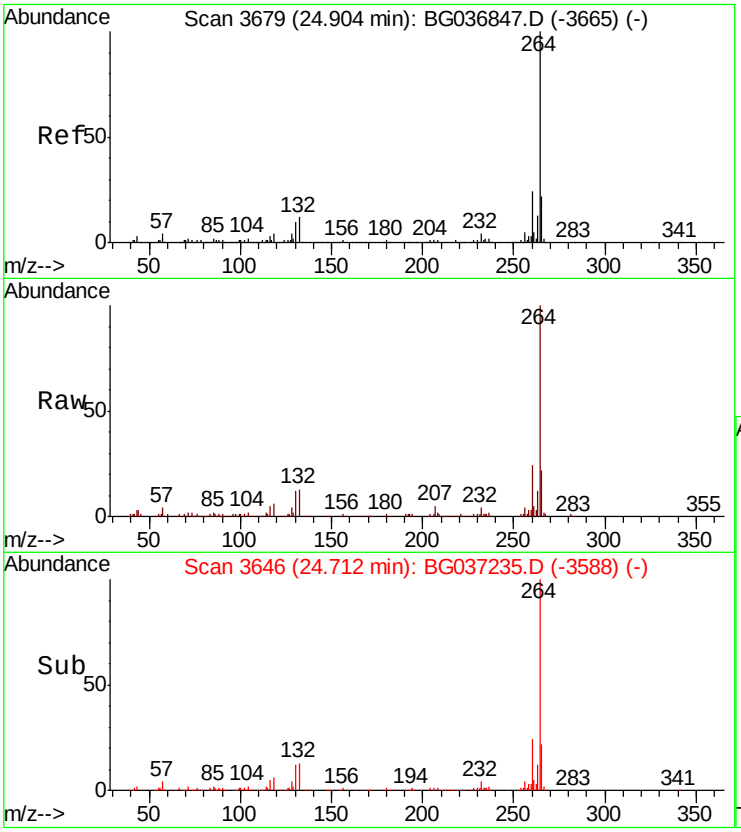


#78
Terphenyl-d14
Concen: 93.511 ng
RT: 19.94 min Scan# 2834
Delta R.T. -0.09 min
Lab File: BG037235.D
Acq: 10 Oct 2018 2:38

Tgt Ion:244 Resp: 1095658

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.6
122	9.6	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.71 min Scan# 3646
Delta R.T. -0.19 min
Lab File: BG037235.D
Acq: 10 Oct 2018 2:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 303363

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	22.3	17.4	26.0