Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100518\
Data File : BG037176.D
Acq On : 5 Oct 2018 6:05
Operator : JU/SJ
Sample : J5218-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 280-356

Quant Time: Oct 05 08:43:01 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	44260	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	184554	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	120413	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	333018	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	337777	20.00	ng	-0.02
86) Perylene-d12	24.86	264	341956	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	303978	131.71	ng	-0.02
7) Phenol-d6	7.20	99	379040	106.15	ng	-0.02
23) Nitrobenzene-d5	9.19	82	309066	89.68	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	212610	147.58	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	650388	80.45	ng	-0.02
78) Terphenyl-d14	20.01	244	1211342	94.30	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.19	70	41889	14.102	ng	# 72
31) Naphthalene	10.89	128	19192	2.186	ng	# 95
50) 2,6-Dinitrotoluene	14.65	165	15248	7.210	ng	# 23
56) 2,4-Dinitrotoluene	14.65	165	15248	5.167	ng	# 21
66) 4-Bromophenyl-phenylether	16.15	248	14816	3.911	ng	# 1
76) Benzidine	20.01	184	21369	2.093	ng	# 91

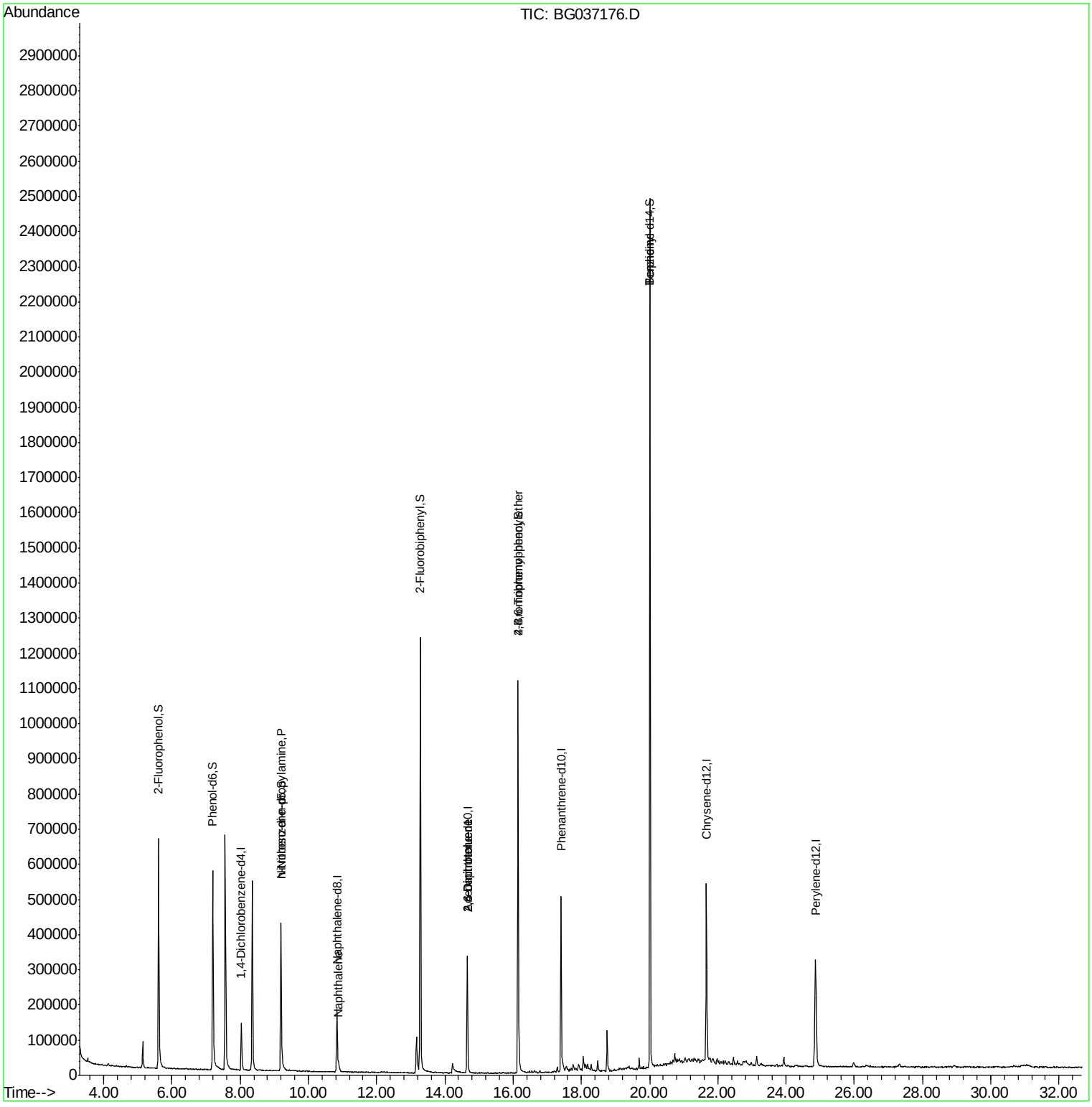
(#) = qualifier out of range (m) = manual integration (+) = signals summed

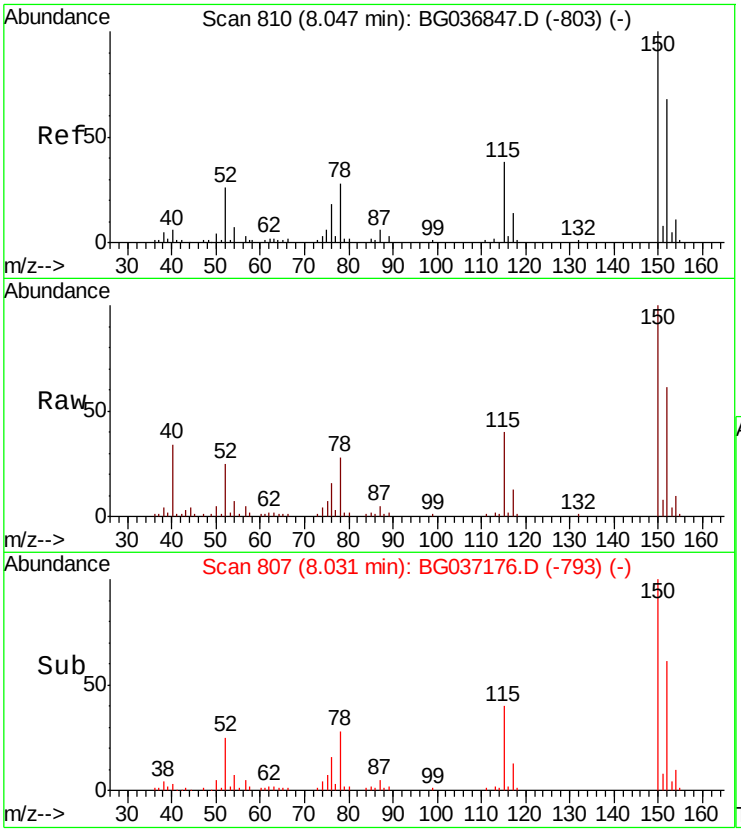
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100518\
Data File : BG037176.D
Acq On : 5 Oct 2018 6:05
Operator : JU/SJ
Sample : J5218-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 280-356

Quant Time: Oct 05 08:43:01 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



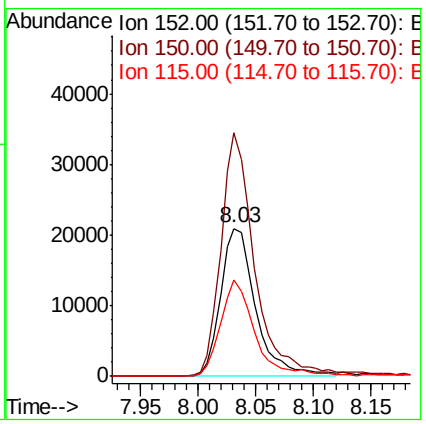


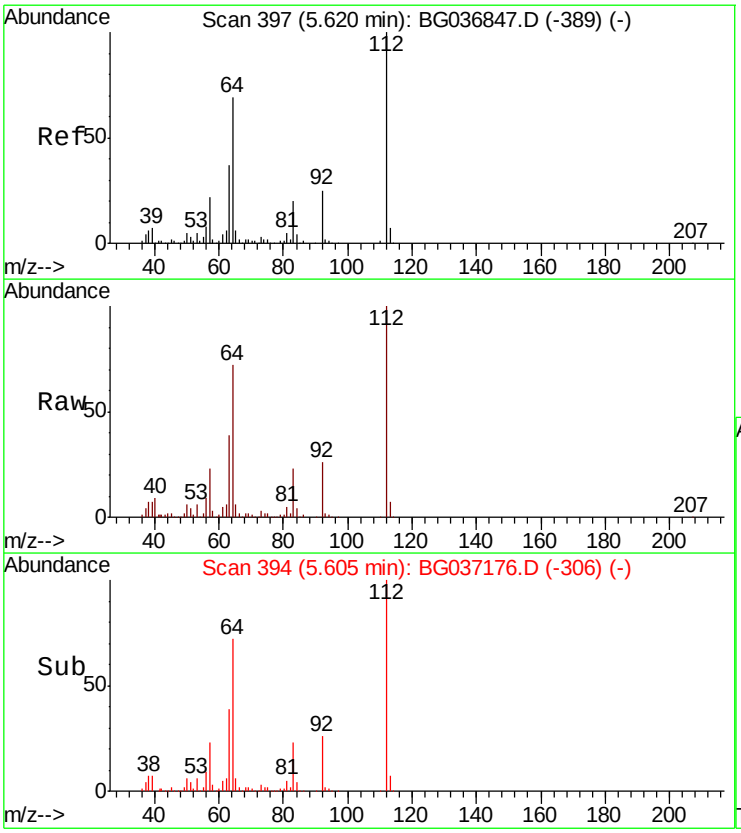
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.02 min
Lab File: BG037176.D
Acq: 5 Oct 2018 6:05

Instrument :
BNA_G
ClientSampleId :
280-356

Tgt Ion:152 Resp: 44260

Ion	Ratio	Lower	Upper
152	100		
150	164.6	119.5	179.3
115	65.5	44.5	66.7

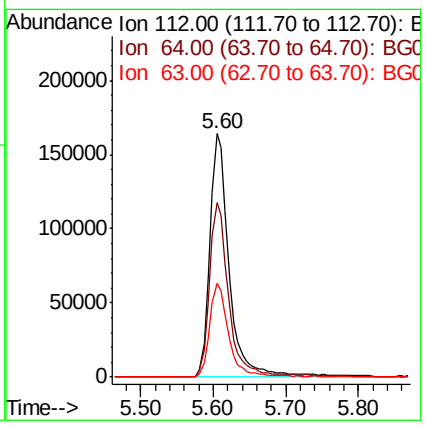


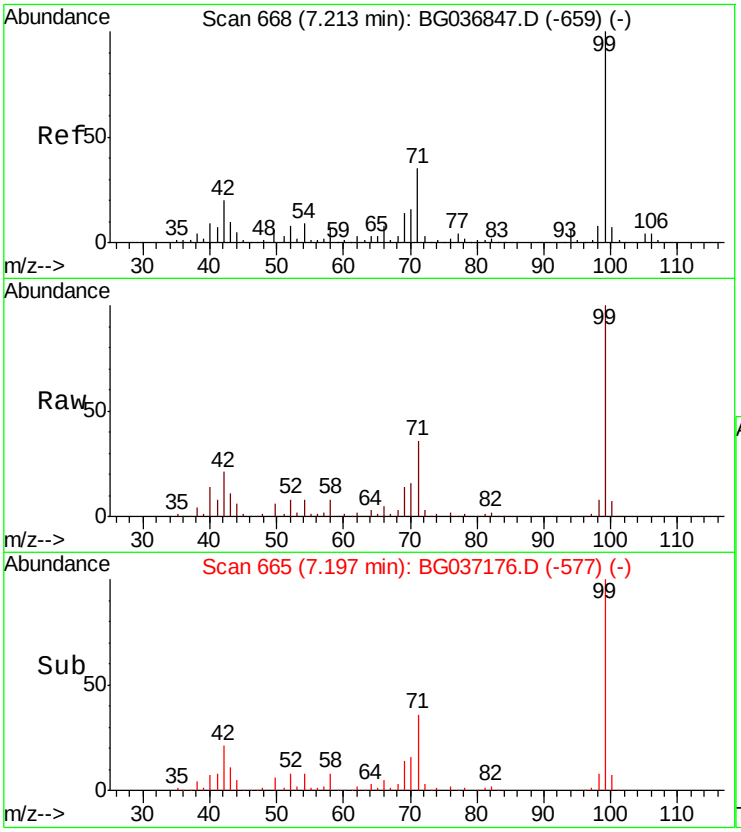


#5
2-Fluorophenol
Concen: 131.713 ng
RT: 5.60 min Scan# 394
Delta R.T. -0.02 min
Lab File: BG037176.D
Acq: 5 Oct 2018 6:05

Tgt Ion:112 Resp: 303978

Ion	Ratio	Lower	Upper
112	100		
64	71.9	57.2	85.8
63	38.5	30.8	46.2



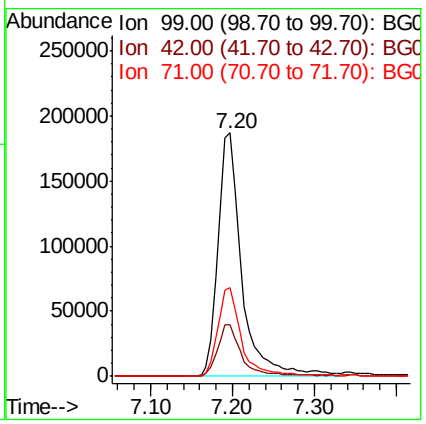


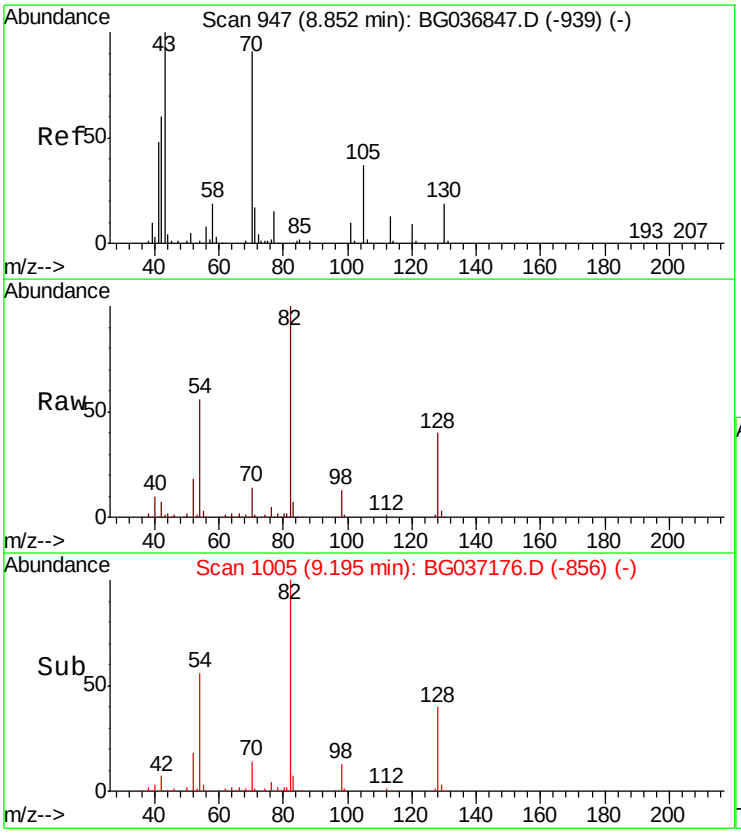
#7
Phenol-d6
Concen: 106.154 ng
RT: 7.20 min Scan# 665
Delta R.T. -0.02 min
Lab File: BG037176.D
Acq: 5 Oct 2018 6:05

Instrument :
BNA_G
ClientSampleId :
280-356

Tgt Ion: 99 Resp: 379040

Ion	Ratio	Lower	Upper
99	100		
42	21.0	16.5	24.7
71	36.4	29.4	44.2

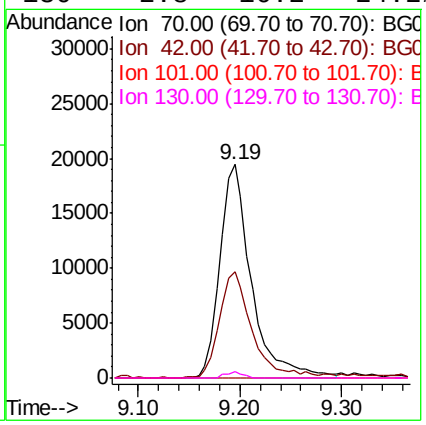


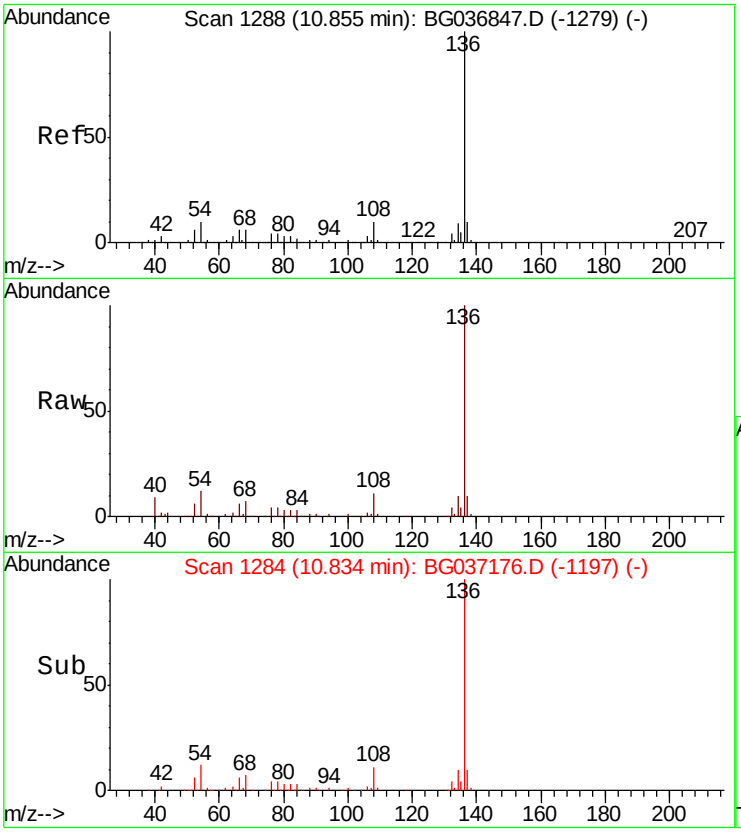


#19
n-Nitroso-di-n-propylamine
Concen: 14.102 ng
RT: 9.19 min Scan# 1005
Delta R.T. 0.34 min
Lab File: BG037176.D
Acq: 5 Oct 2018 6:05

Tgt Ion: 70 Resp: 41889

Ion	Ratio	Lower	Upper
70	100		
42	49.9	56.2	84.4#
101	0.0	7.8	11.6#
130	2.8	16.2	24.2#



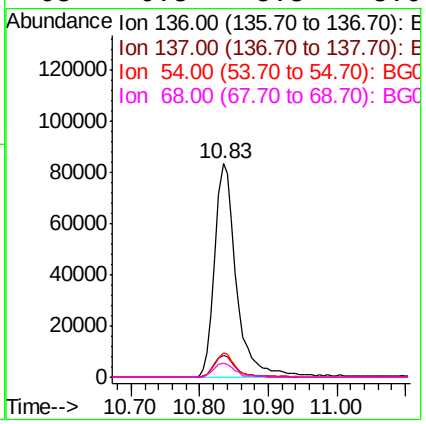


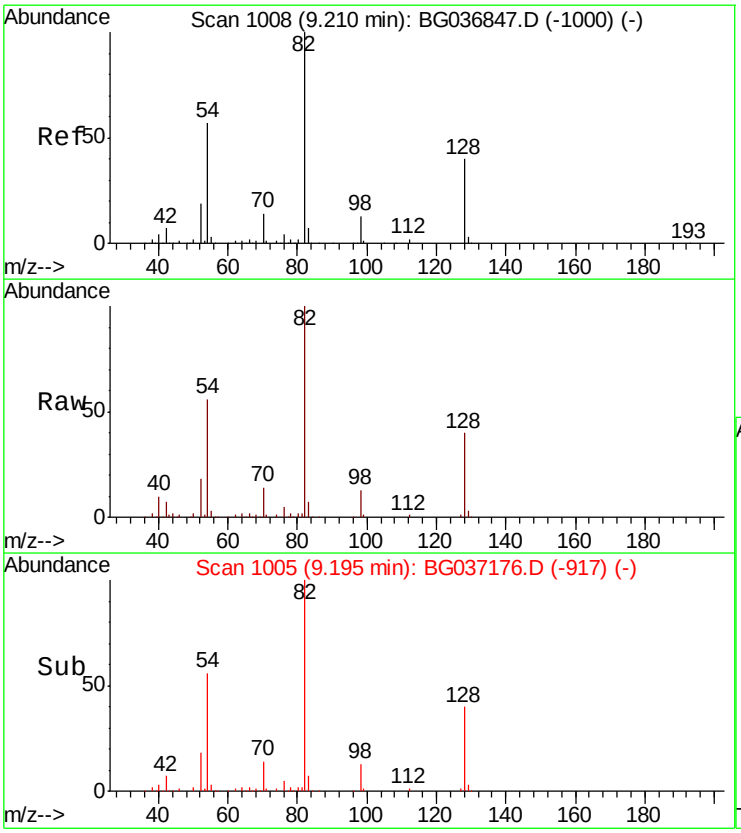
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BG037176.D
Acq: 5 Oct 2018 6:05

Instrument :
BNA_G
ClientSampleId :
280-356

Tgt Ion:136 Resp: 184554

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	11.6	9.2	13.8
68	6.8	5.8	8.6

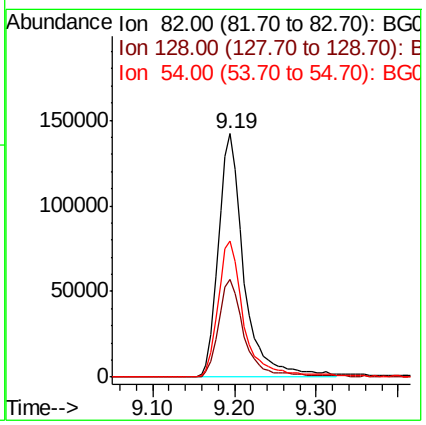


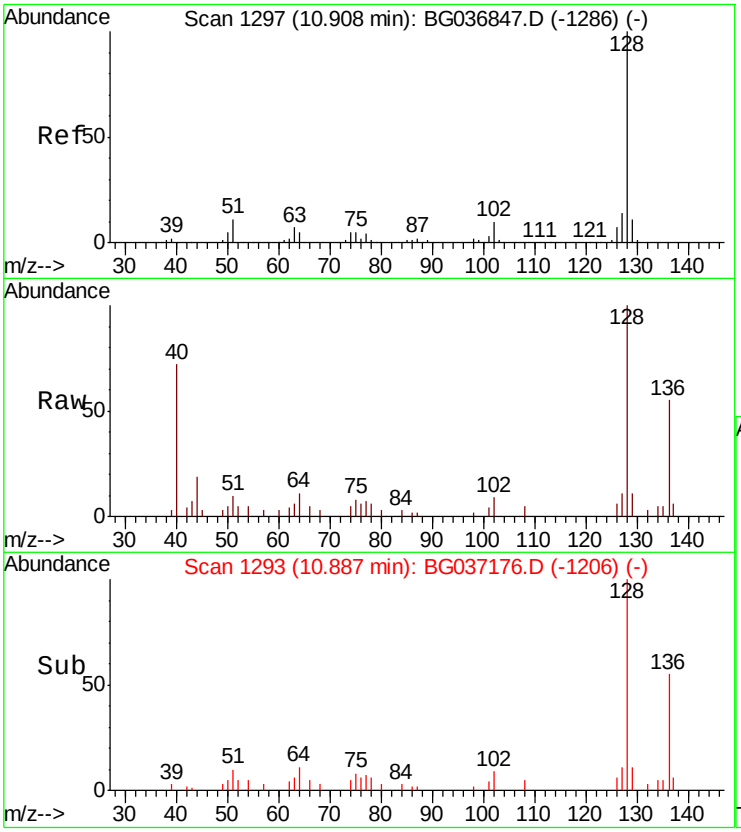


#23
Nitrobenzene-d5
Concen: 89.680 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG037176.D
Acq: 5 Oct 2018 6:05

Tgt Ion: 82 Resp: 309066

Ion	Ratio	Lower	Upper
82	100		
128	40.1	33.3	49.9
54	56.1	45.1	67.7



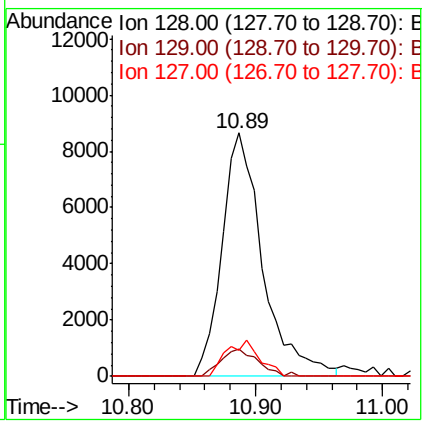


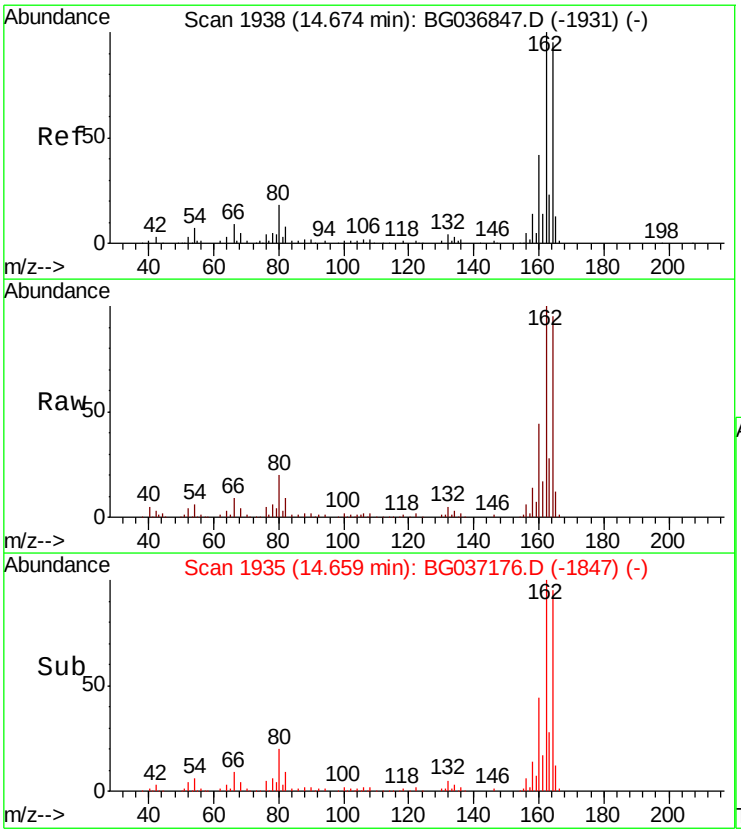
#31
Naphthalene
Concen: 2.186 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.02 min
Lab File: BG037176.D
Acq: 5 Oct 2018 6:05

Instrument :
BNA_G
ClientSampleId :
280-356

Tgt Ion:128 Resp: 19192

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.4	14.2
127	10.6	11.0	16.4#

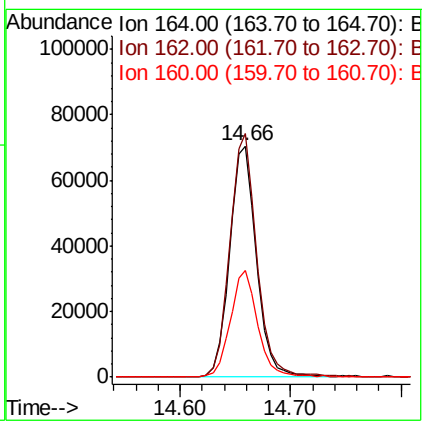


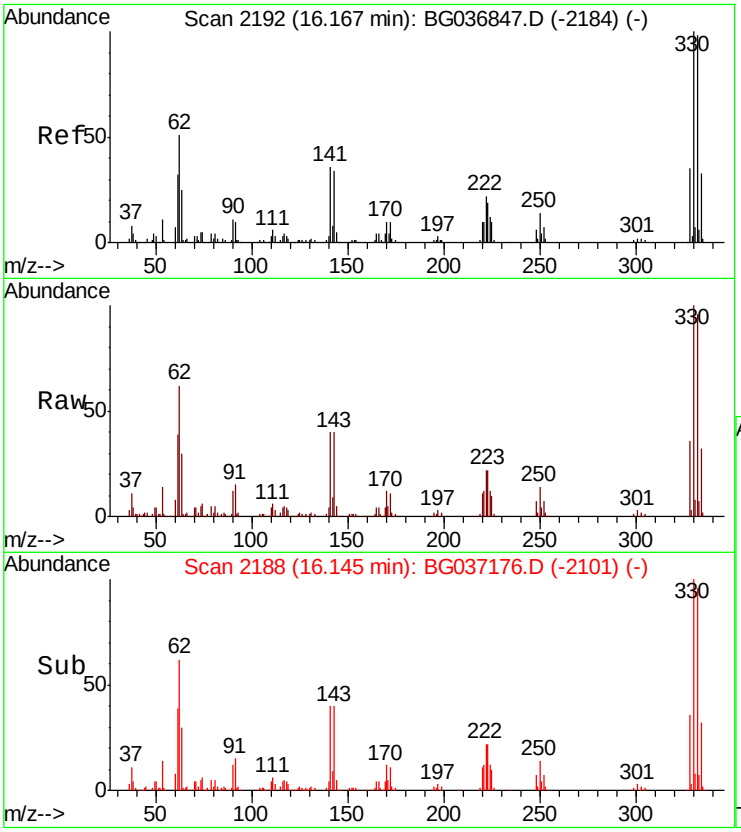


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1935
Delta R.T. -0.02 min
Lab File: BG037176.D
Acq: 5 Oct 2018 6:05

Tgt Ion:164 Resp: 120413

Ion	Ratio	Lower	Upper
164	100		
162	105.2	80.7	121.1
160	45.9	35.3	52.9



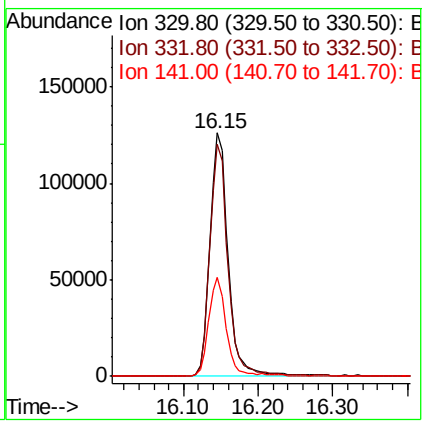


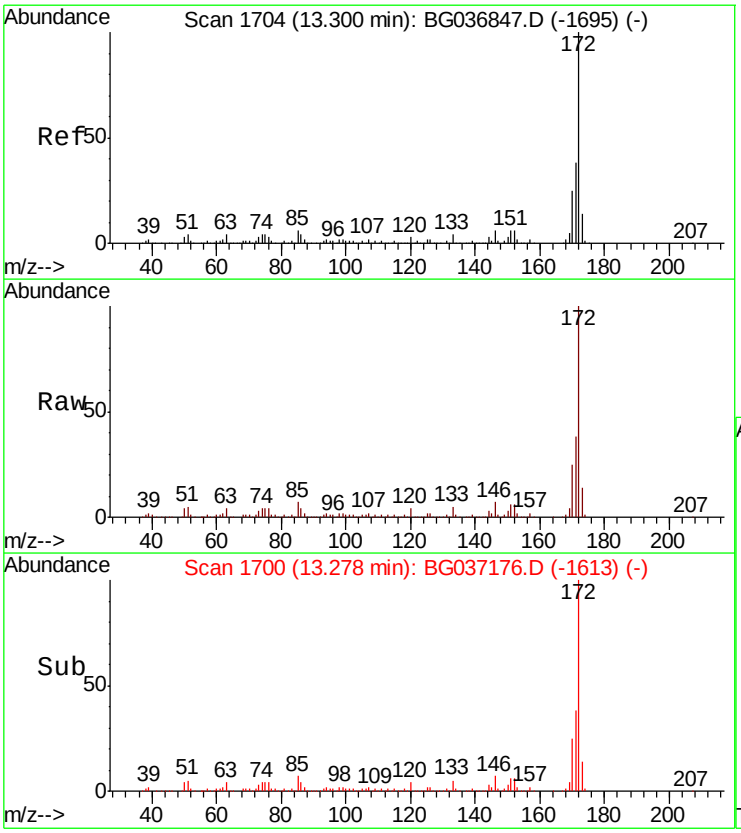
#41
2,4,6-Tribromophenol
Concen: 147.577 ng
RT: 16.15 min Scan# 2188
Delta R.T. -0.02 min
Lab File: BG037176.D
Acq: 5 Oct 2018 6:05

Instrument :
BNA_G
ClientSampleId :
280-356

Tgt Ion:330 Resp: 212610

Ion	Ratio	Lower	Upper
330	100		
332	94.8	75.4	113.2
141	40.1	30.7	46.1

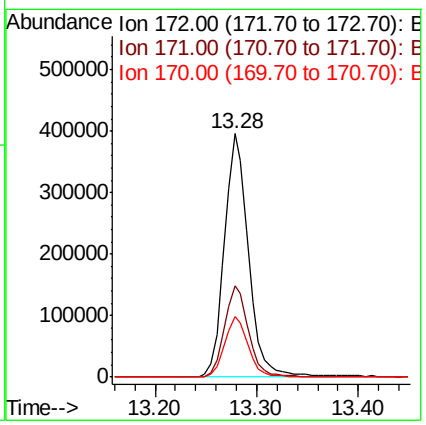


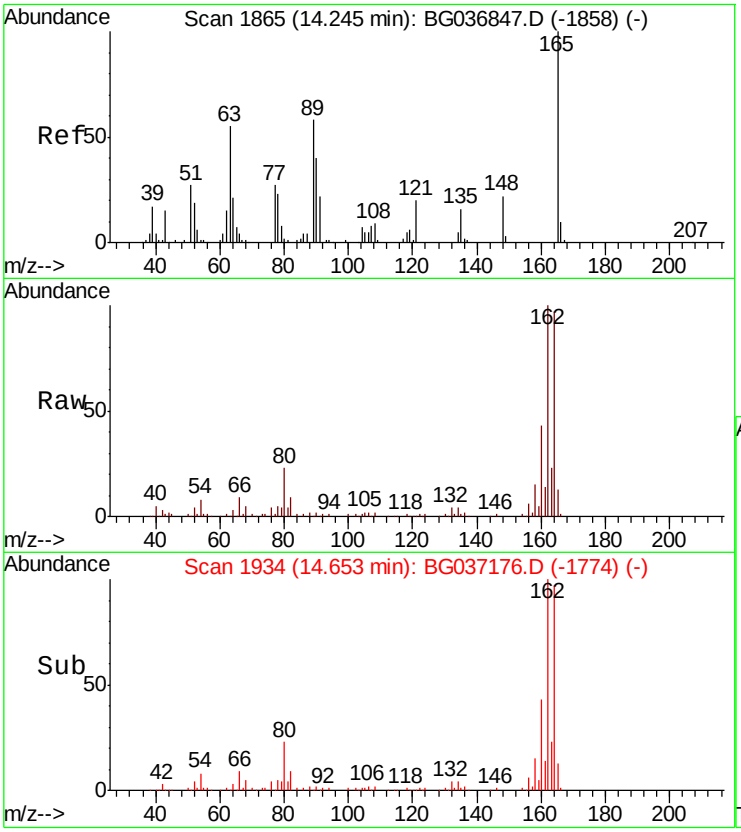


#44
2-Fluorobiphenyl
Concen: 80.447 ng
RT: 13.28 min Scan# 1700
Delta R.T. -0.02 min
Lab File: BG037176.D
Acq: 5 Oct 2018 6:05

Tgt Ion:172 Resp: 650388

Ion	Ratio	Lower	Upper
172	100		
171	37.5	31.3	46.9
170	25.0	21.0	31.6



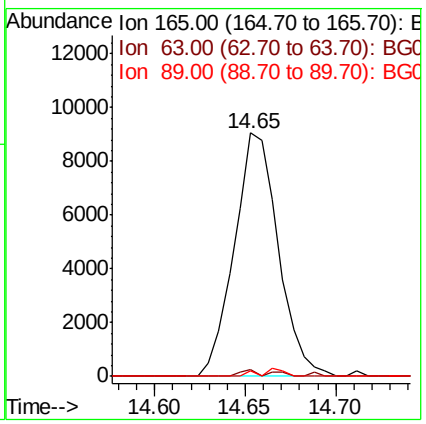


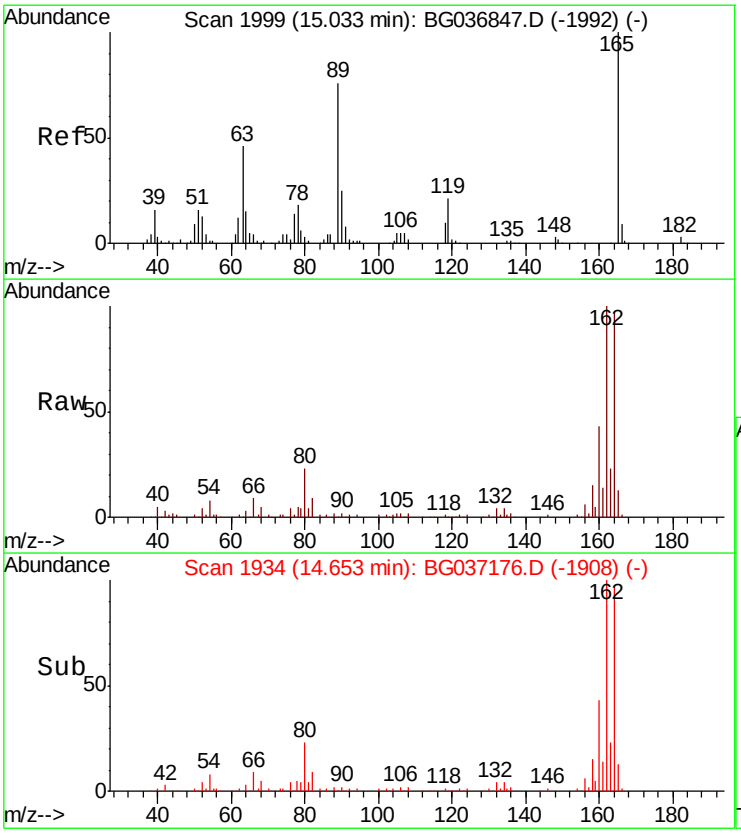
#50
2,6-Dinitrotoluene
Concen: 7.210 ng
RT: 14.65 min Scan# 1934
Delta R.T. 0.41 min
Lab File: BG037176.D
Acq: 5 Oct 2018 6:05

Instrument :
BNA_G
ClientSampleId :
280-356

Tgt Ion:165 Resp: 15248

Ion	Ratio	Lower	Upper
165	100		
63	2.6	50.1	75.1#
89	2.2	47.8	71.6#

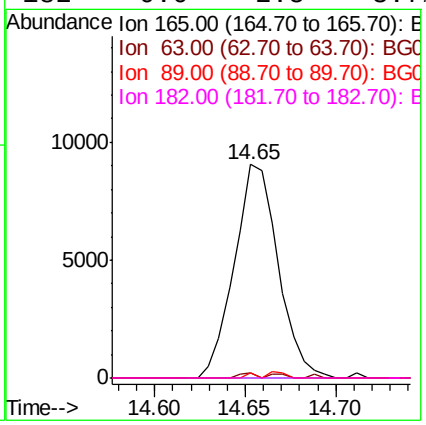


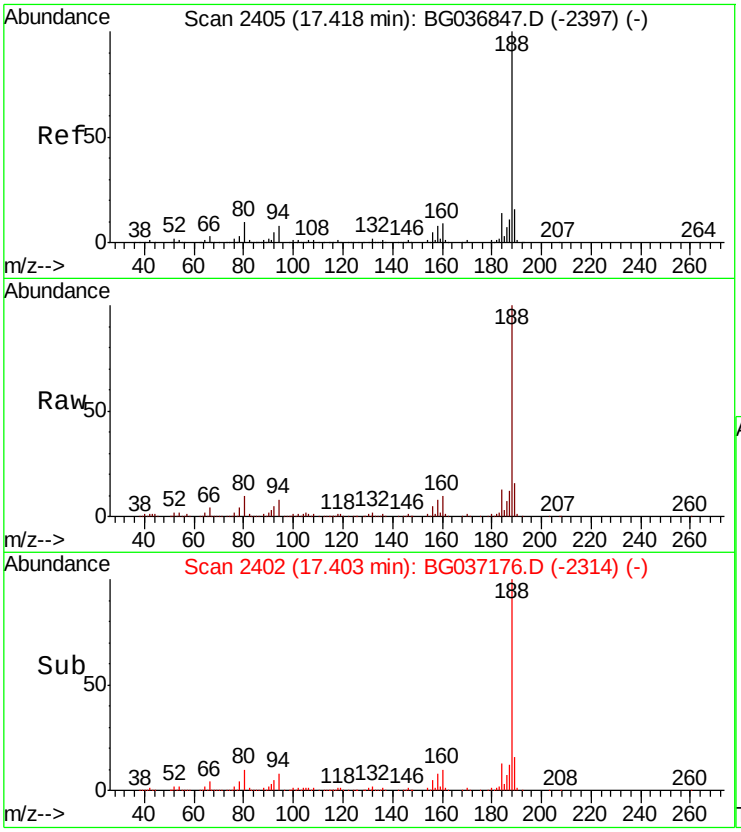


#56
2,4-Dinitrotoluene
Concen: 5.167 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.38 min
Lab File: BG037176.D
Acq: 5 Oct 2018 6:05

Tgt Ion:165 Resp: 15248

Ion	Ratio	Lower	Upper
165	100		
63	2.6	40.1	60.1#
89	2.2	63.7	95.5#
182	0.0	2.5	3.7#



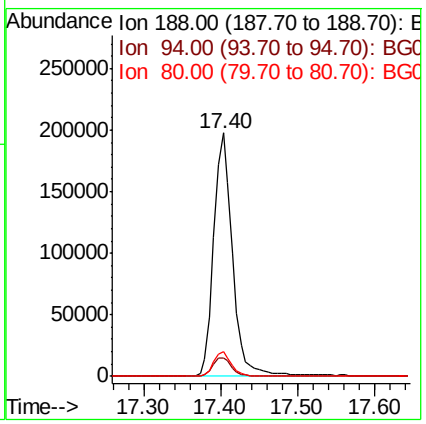


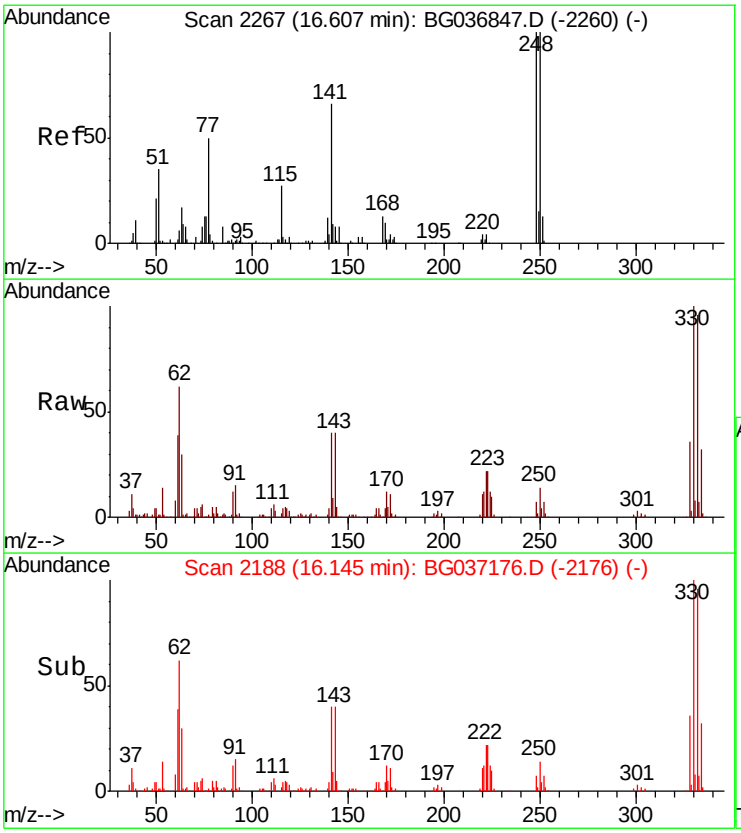
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2402
Delta R.T. -0.02 min
Lab File: BG037176.D
Acq: 5 Oct 2018 6:05

Instrument :
BNA_G
ClientSampleId :
280-356

Tgt Ion:188 Resp: 333018

Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.7	10.1
80	10.3	8.1	12.1

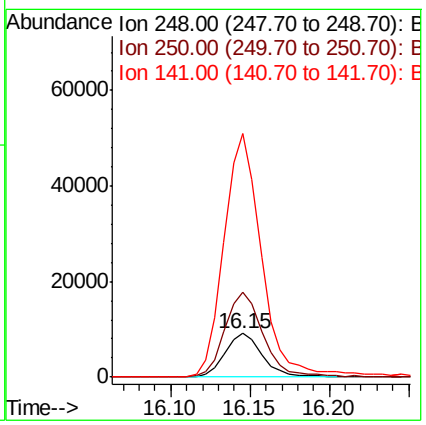


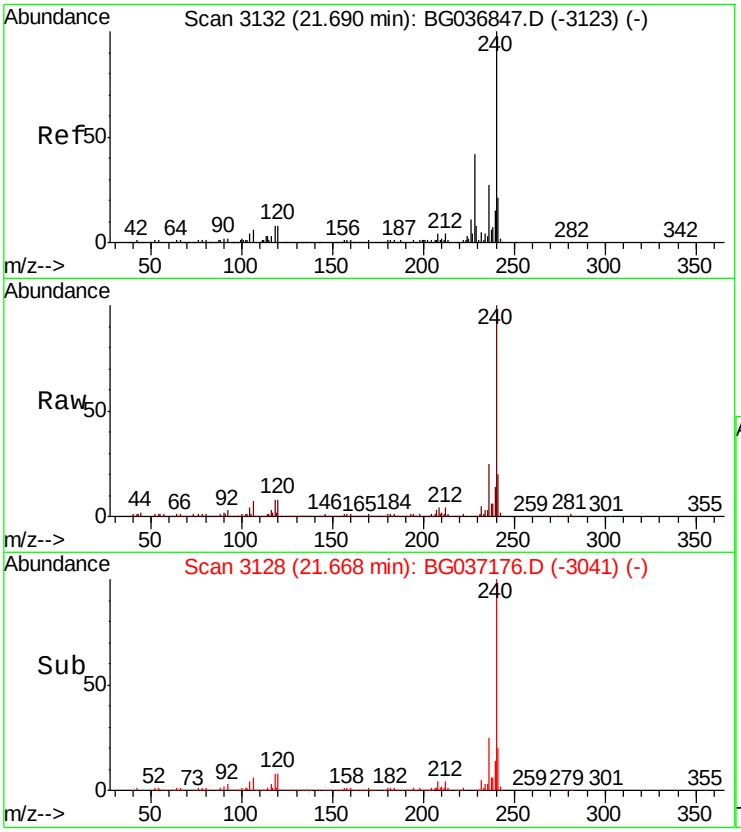


#66
4-Bromophenyl-phenylether
Concen: 3.911 ng
RT: 16.15 min Scan# 2188
Delta R.T. -0.46 min
Lab File: BG037176.D
Acq: 5 Oct 2018 6:05

Tgt Ion:248 Resp: 14816

Ion	Ratio	Lower	Upper
248	100		
250	193.9	78.1	117.1#
141	555.8	53.7	80.5#



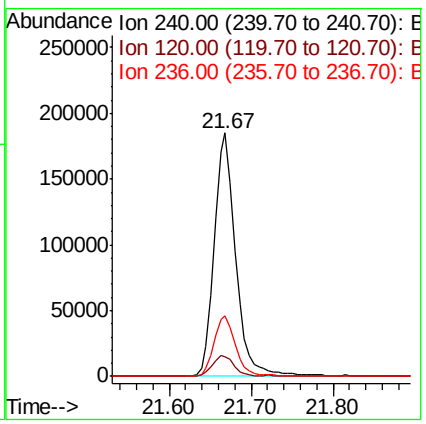


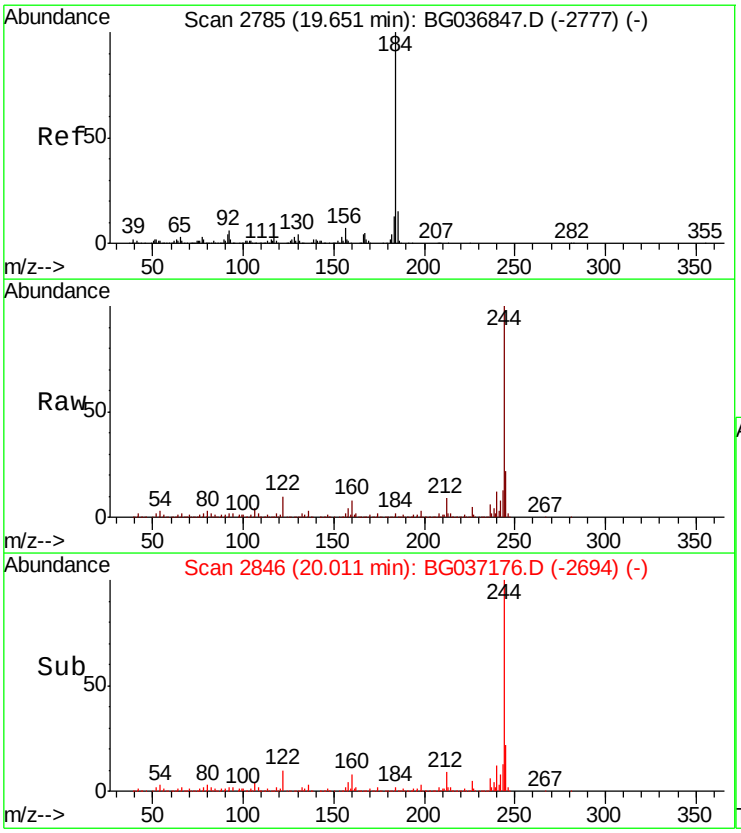
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.02 min
Lab File: BG037176.D
Acq: 5 Oct 2018 6:05

Instrument :
BNA_G
ClientSampleId :
280-356

Tgt Ion:240 Resp: 337777

Ion	Ratio	Lower	Upper
240	100		
120	8.3	6.9	10.3
236	24.6	21.2	31.8

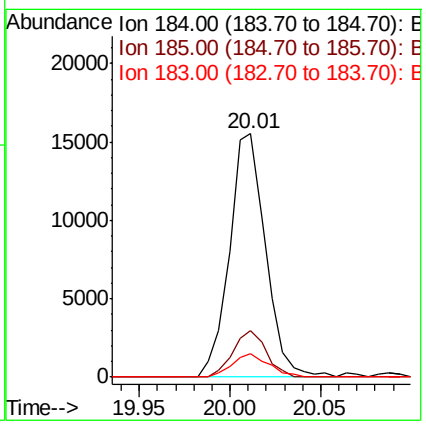


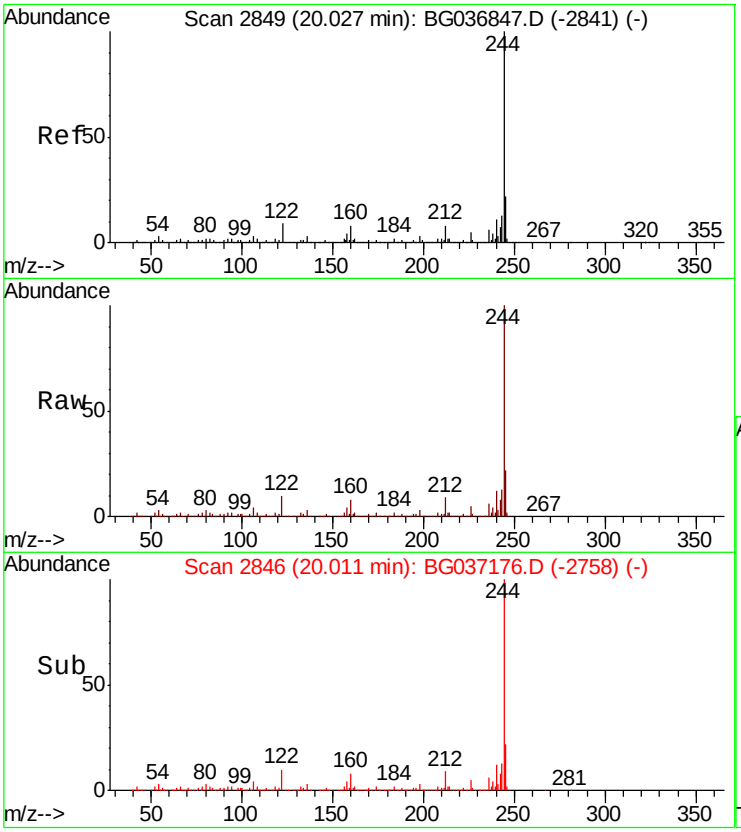


#76
Benzidine
Concen: 2.093 ng
RT: 20.01 min Scan# 2846
Delta R.T. 0.36 min
Lab File: BG037176.D
Acq: 5 Oct 2018 6:05

Tgt Ion:184 Resp: 21369

Ion	Ratio	Lower	Upper
184	100		
185	19.1	12.6	18.8#
183	9.5	10.9	16.3#



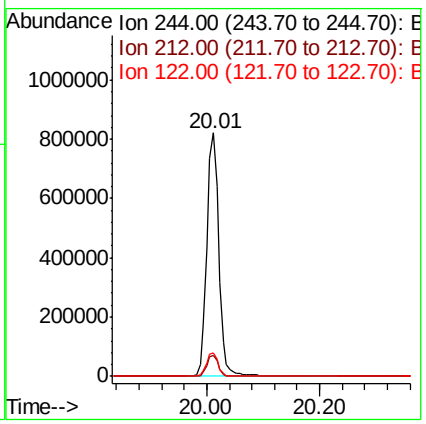


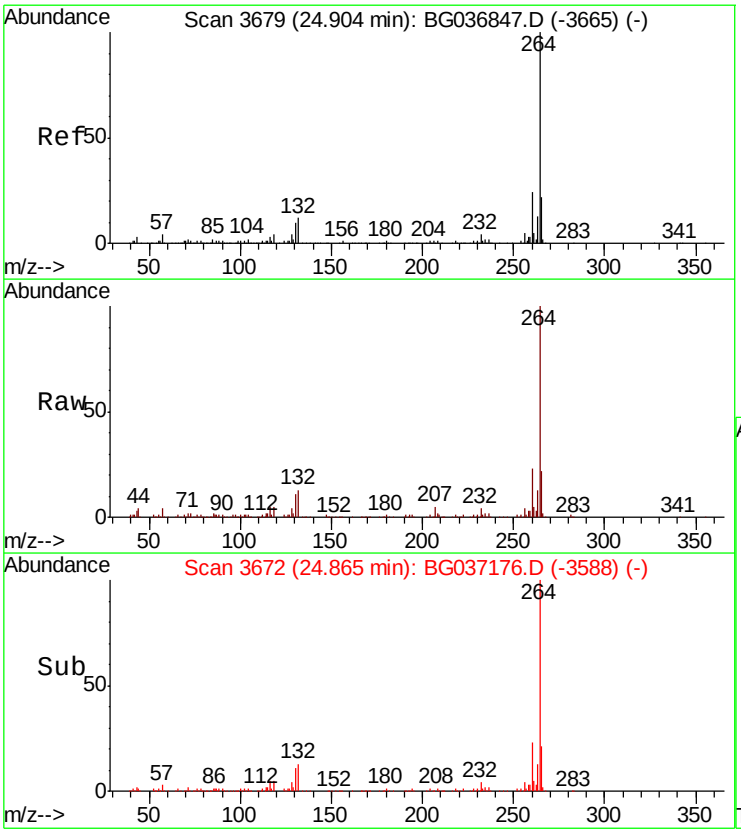
#78
Terphenyl-d14
Concen: 94.299 ng
RT: 20.01 min Scan# 2846
Delta R.T. -0.02 min
Lab File: BG037176.D
Acq: 5 Oct 2018 6:05

Instrument :
BNA_G
ClientSampleId :
280-356

Tgt Ion:244 Resp: 1211342

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: 24.86 min Scan# 3672
Delta R.T. -0.04 min
Lab File: BG037176.D
Acq: 5 Oct 2018 6:05

Tgt Ion:264 Resp: 341956

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.6	29.4
265	21.5	17.4	26.0