Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110218\

Quantitation Report (Not Reviewed)

Data File : BG037778.D
Acq On : 3 Nov 2018 6:29
Operator : JU/SJ
Sample : J5759-24
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-6

Quant Time: Nov 05 03:52:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	62074	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	271388	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	178269	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	385243	20.00	ng	0.00
76) Chrysene-d12	21.77	240	352632	20.00	ng	0.00
87) Perylene-d12	25.10	264	305193	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	194309	52.33	ng	0.00
7) Phenol-d6	7.24	99	249500	44.44	ng	0.00
23) Nitrobenzene-d5	9.27	82	196785	40.62	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	84851	43.64	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	502303	42.49	ng	-0.01
79) Terphenyl-d14	20.08	244	711806	43.13	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.28	70	24014	6.211	ng	# 69
51) 2,6-Dinitrotoluene	14.73	165	23051	7.555	ng	# 26
57) 2,4-Dinitrotoluene	14.73	165	23051	5.756	ng	# 26
71) Phenanthrene	17.52	178	47045	2.403	ng	99

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110218\

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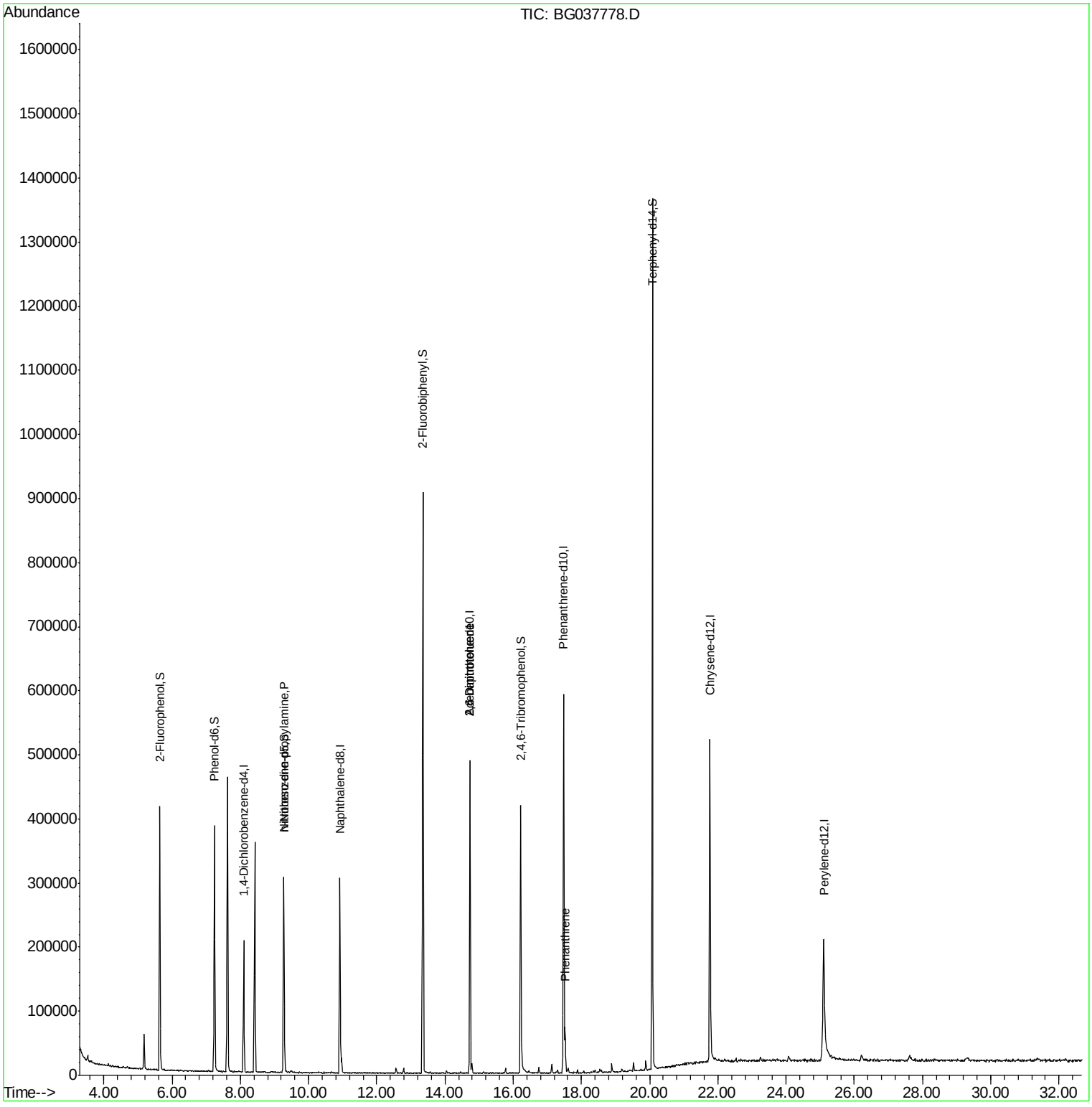
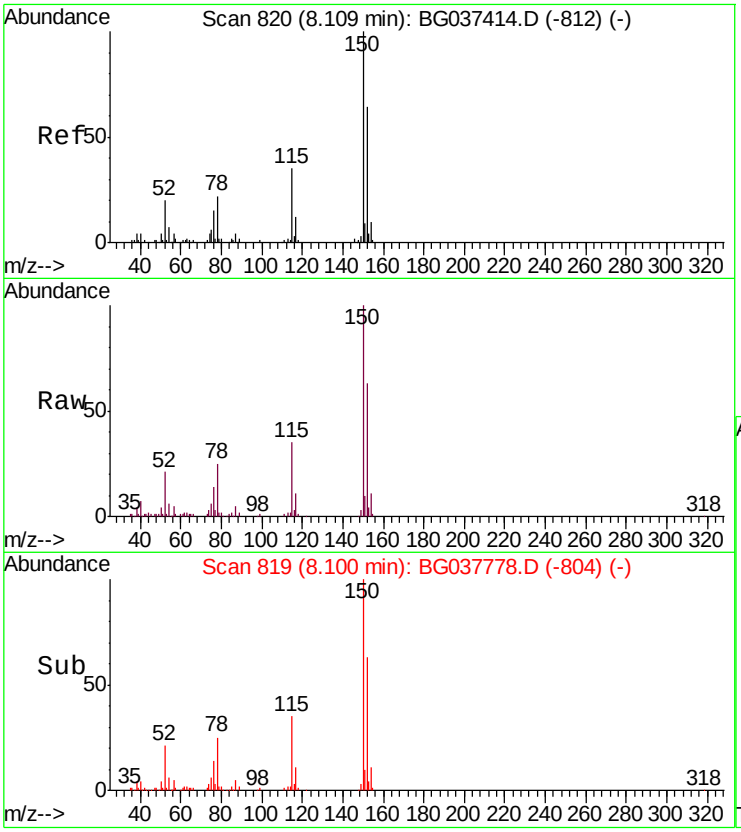


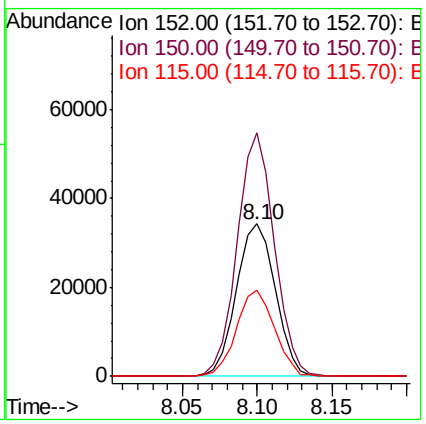


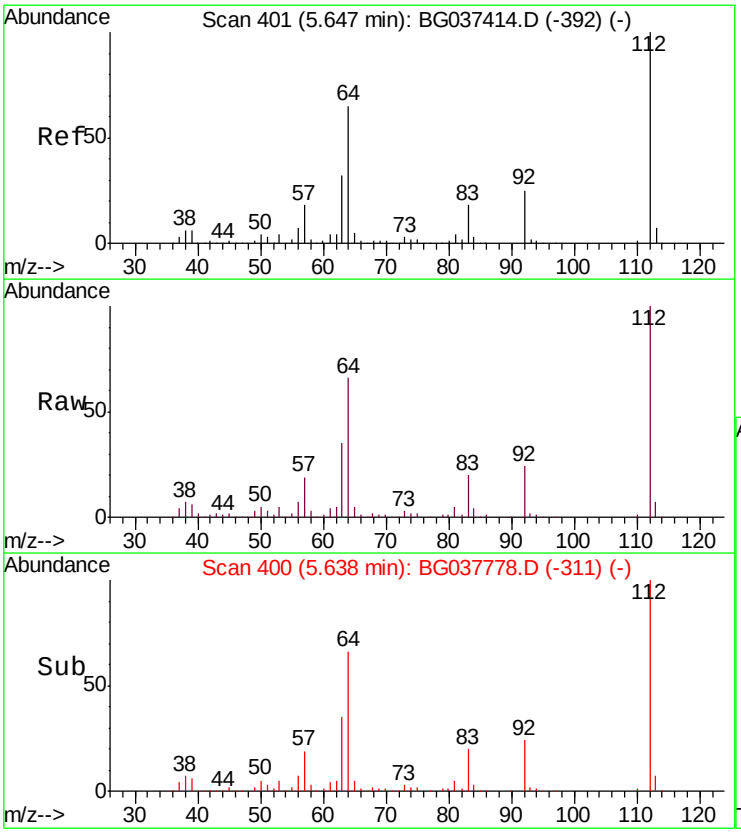
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037778.D
Acq: 3 Nov 2018 6:29

Instrument :
BNA_G
ClientSampleId :
TP-6

Tgt Ion:152 Resp: 62074

Ion	Ratio	Lower	Upper
152	100		
150	159.5	126.0	189.0
115	56.6	45.5	68.3

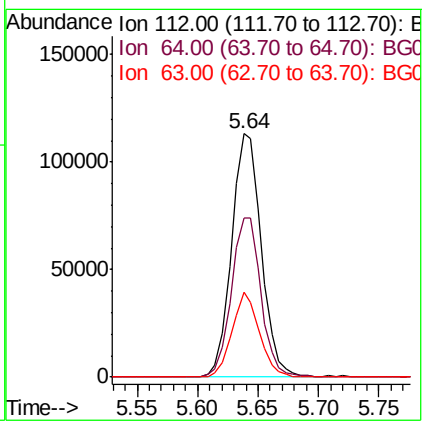


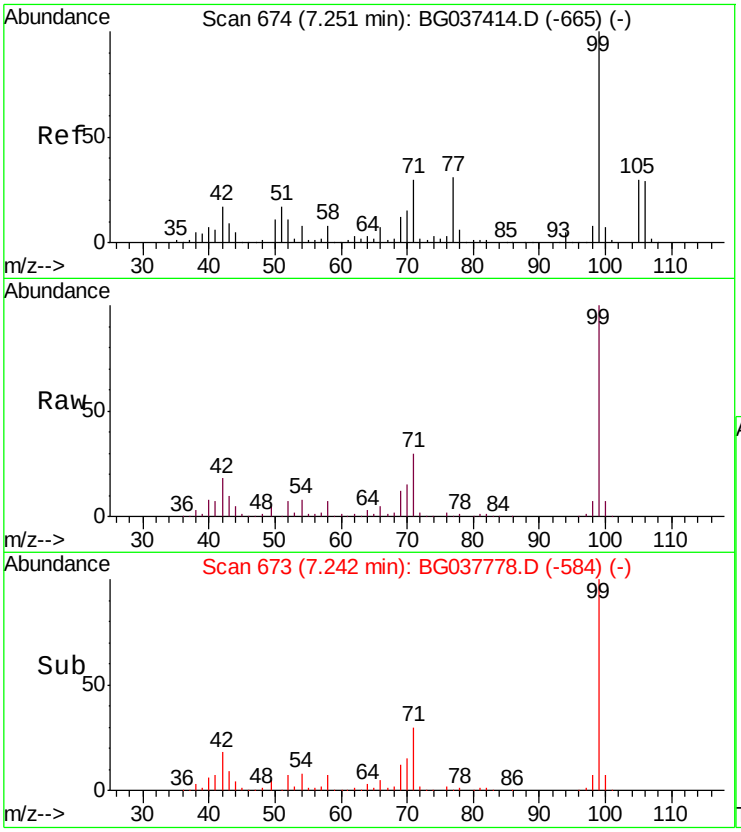


#5
2-Fluorophenol
Concen: 52.334 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037778.D
Acq: 3 Nov 2018 6:29

Tgt Ion:112 Resp: 194309

Ion	Ratio	Lower	Upper
112	100		
64	65.5	53.1	79.7
63	34.6	27.3	40.9



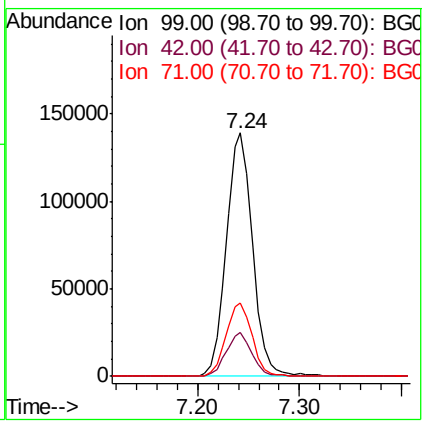


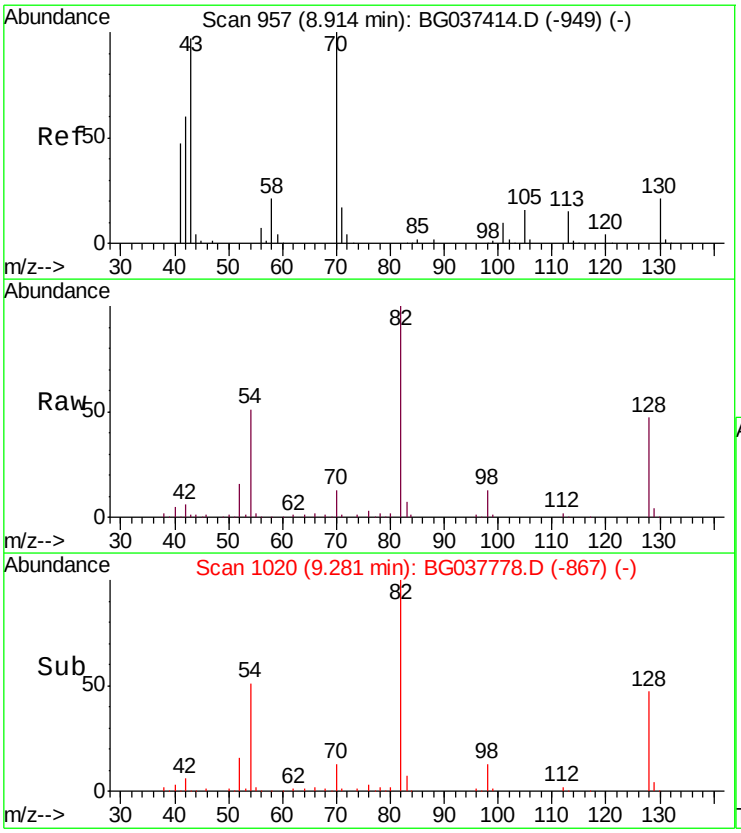
#7
Phenol-d6
Concen: 44.440 ng
RT: 7.24 min Scan# 673
Delta R.T. -0.01 min
Lab File: BG037778.D
Acq: 3 Nov 2018 6:29

Instrument :
BNA_G
ClientSampleId :
TP-6

Tgt Ion: 99 Resp: 249500

Ion	Ratio	Lower	Upper
99	100		
42	18.0	15.0	22.4
71	30.2	25.5	38.3

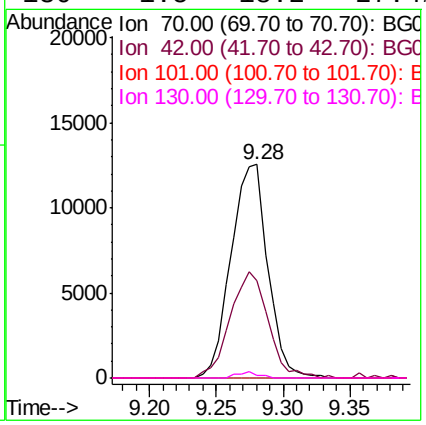


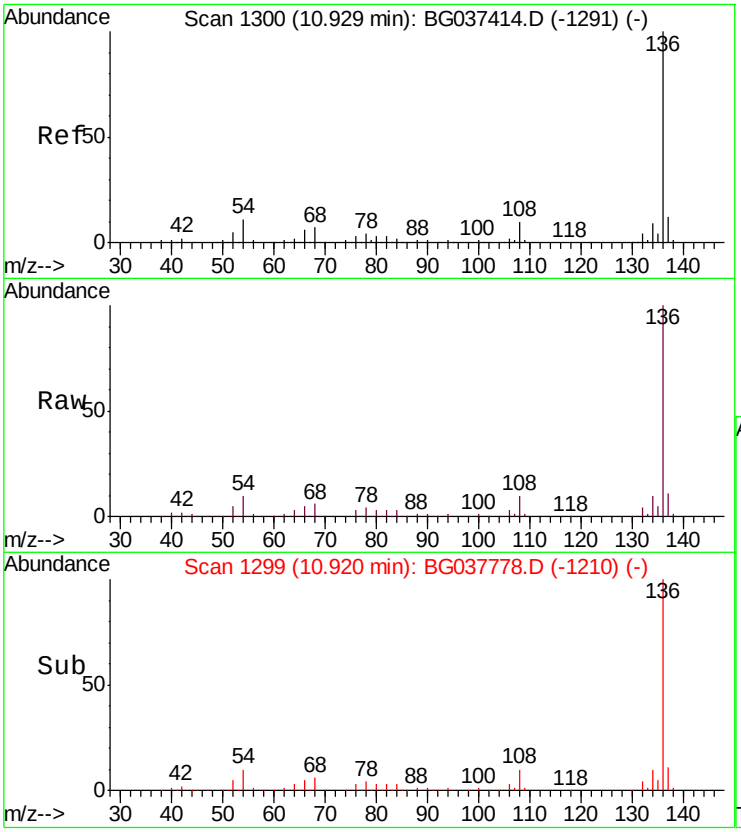


#19
n-Nitroso-di-n-propylamine
Concen: 6.211 ng
RT: 9.28 min Scan# 1020
Delta R.T. 0.37 min
Lab File: BG037778.D
Acq: 3 Nov 2018 6:29

Tgt Ion: 70 Resp: 24014

Ion	Ratio	Lower	Upper
70	100		
42	45.7	53.9	80.9#
101	0.0	8.2	12.2#
130	1.5	18.2	27.4#



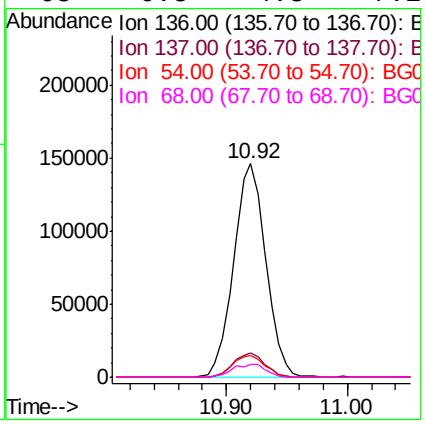


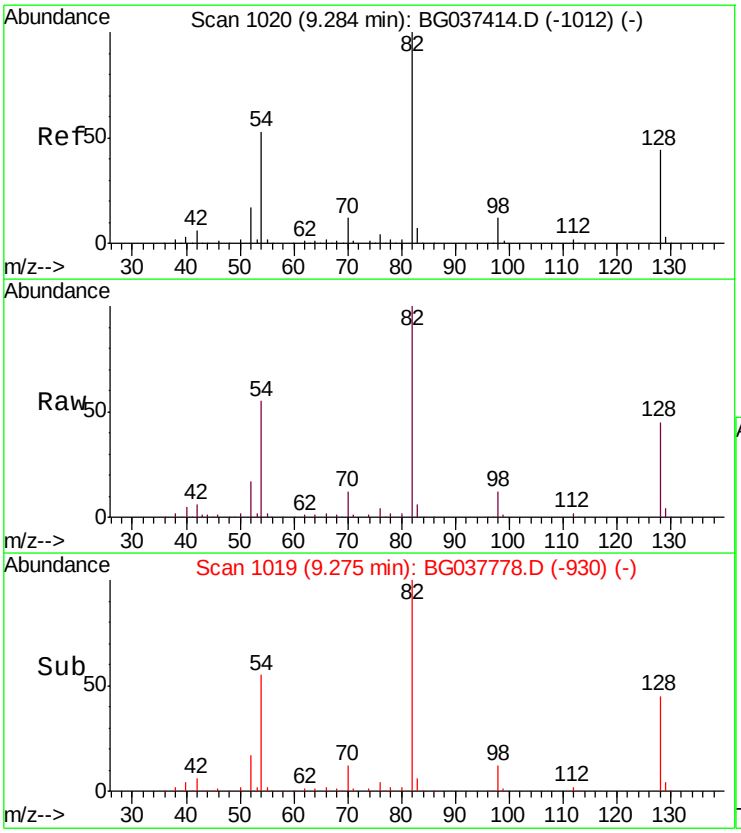
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037778.D
Acq: 3 Nov 2018 6:29

Instrument :
BNA_G
ClientSampleId :
TP-6

Tgt Ion:136 Resp: 271388

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	10.2	7.9	11.9
68	6.3	4.8	7.2

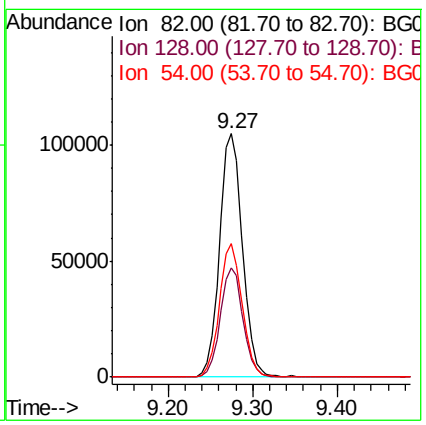


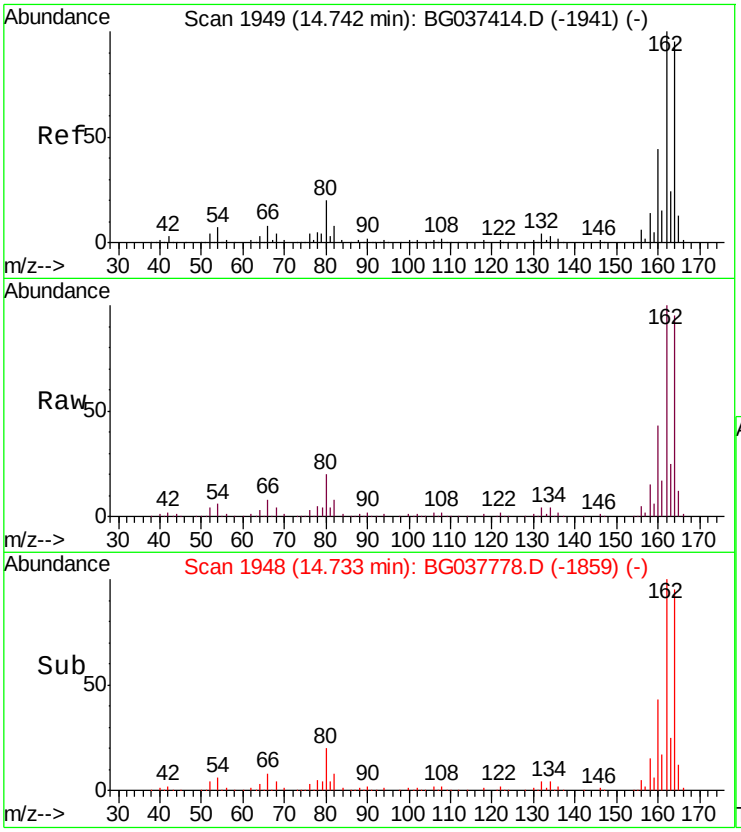


#23
Nitrobenzene-d5
Concen: 40.620 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037778.D
Acq: 3 Nov 2018 6:29

Tgt Ion: 82 Resp: 196785

Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.6	51.8
54	55.0	45.3	67.9



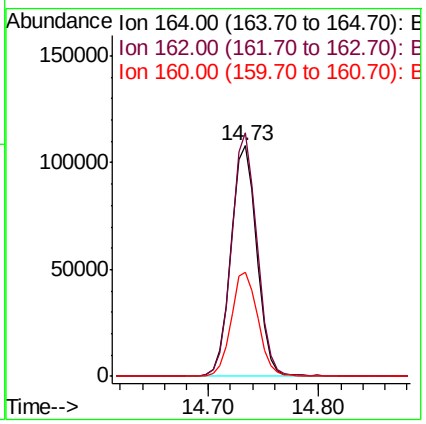


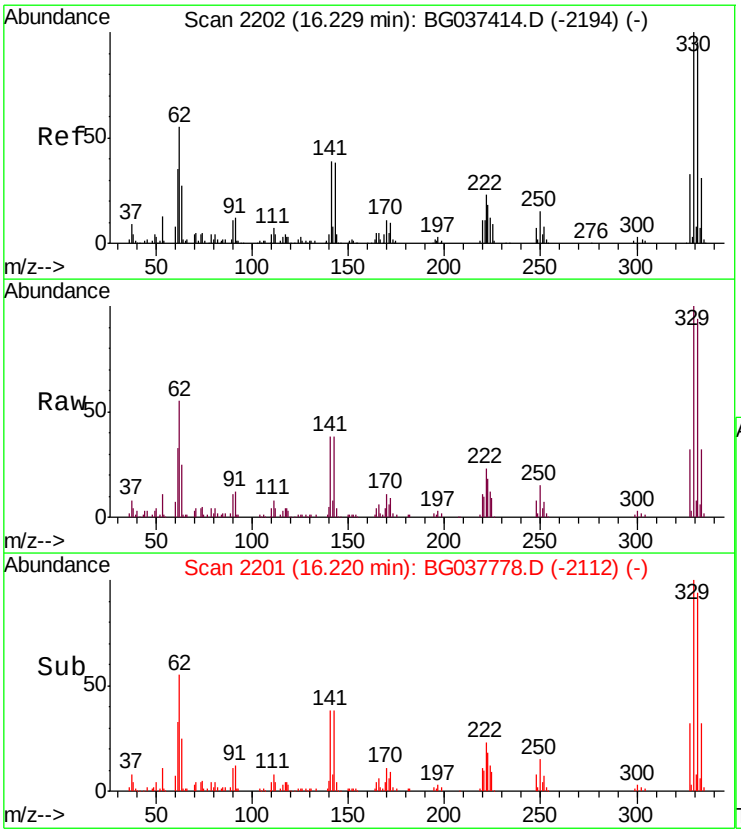
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037778.D
Acq: 3 Nov 2018 6:29

Instrument :
BNA_G
ClientSampleId :
TP-6

Tgt Ion:164 Resp: 178269

Ion	Ratio	Lower	Upper
164	100		
162	105.6	81.3	121.9
160	45.1	36.3	54.5

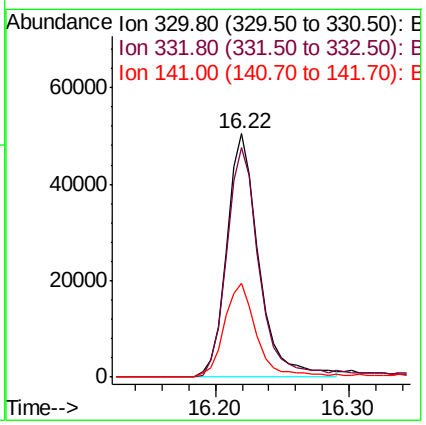


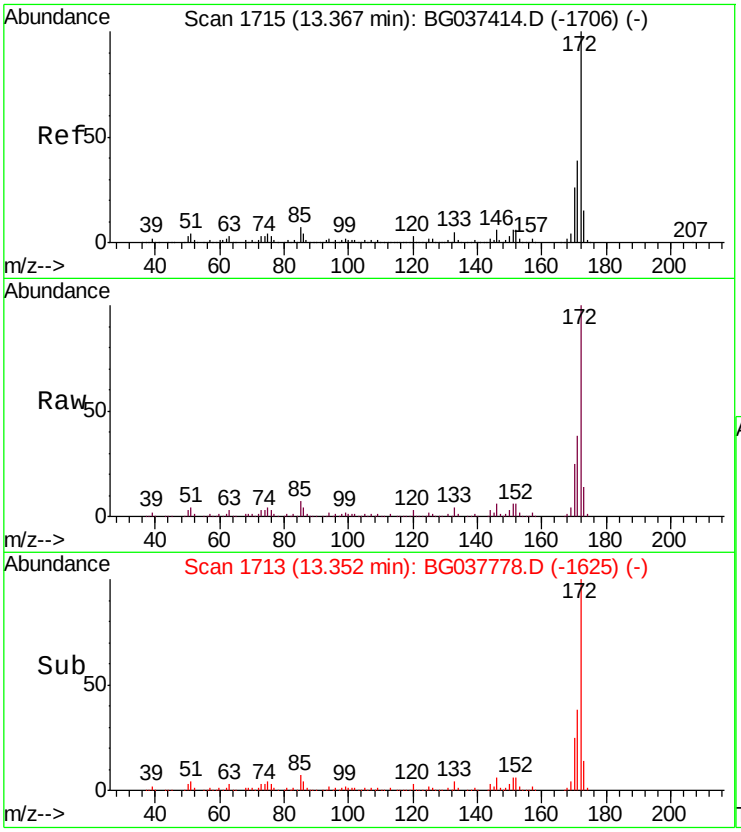


#42
2,4,6-Tribromophenol
Concen: 43.640 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG037778.D
Acq: 3 Nov 2018 6:29

Tgt Ion:330 Resp: 84851

Ion	Ratio	Lower	Upper
330	100		
332	94.6	78.4	117.6
141	39.0	32.2	48.2



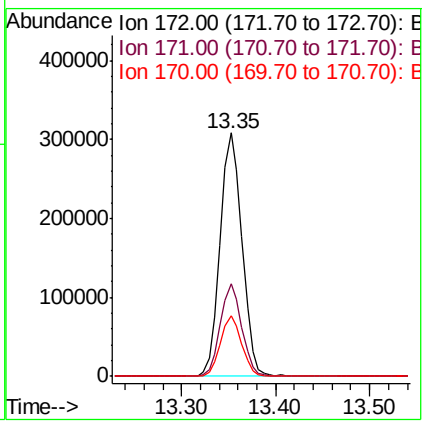


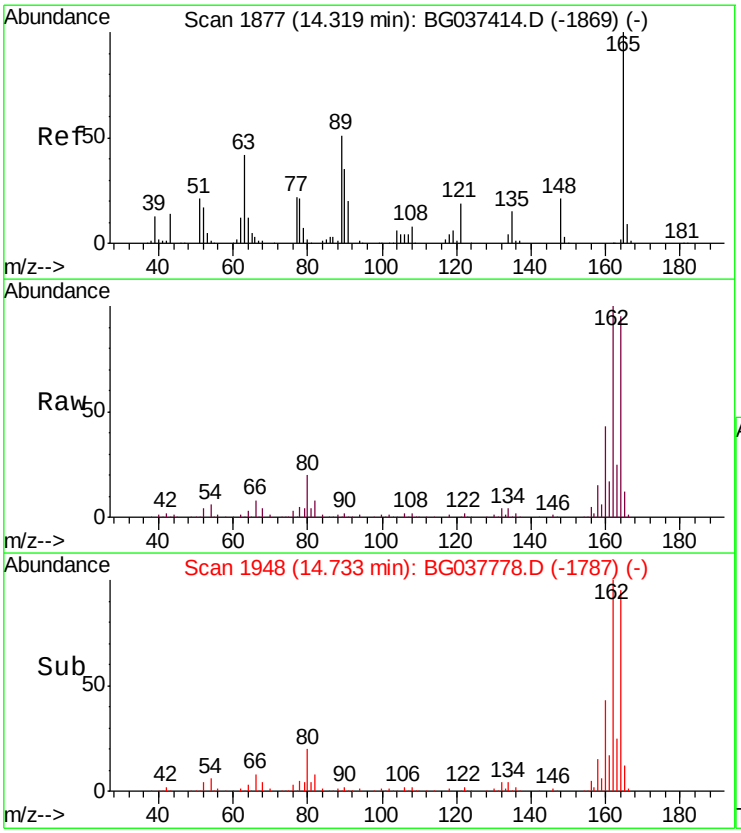
#45
2-Fluorobiphenyl
Concen: 42.489 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG037778.D
Acq: 3 Nov 2018 6:29

Instrument :
BNA_G
ClientSampleId :
TP-6

Tgt Ion:172 Resp: 502303

Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.0	46.4
170	24.7	20.2	30.2

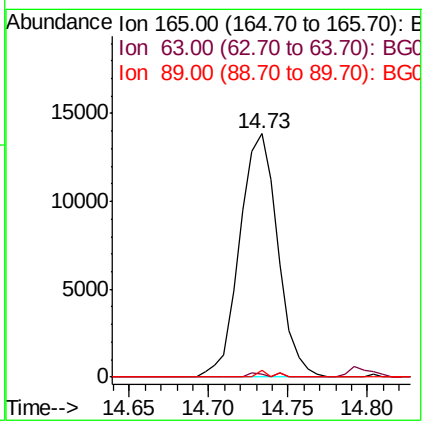


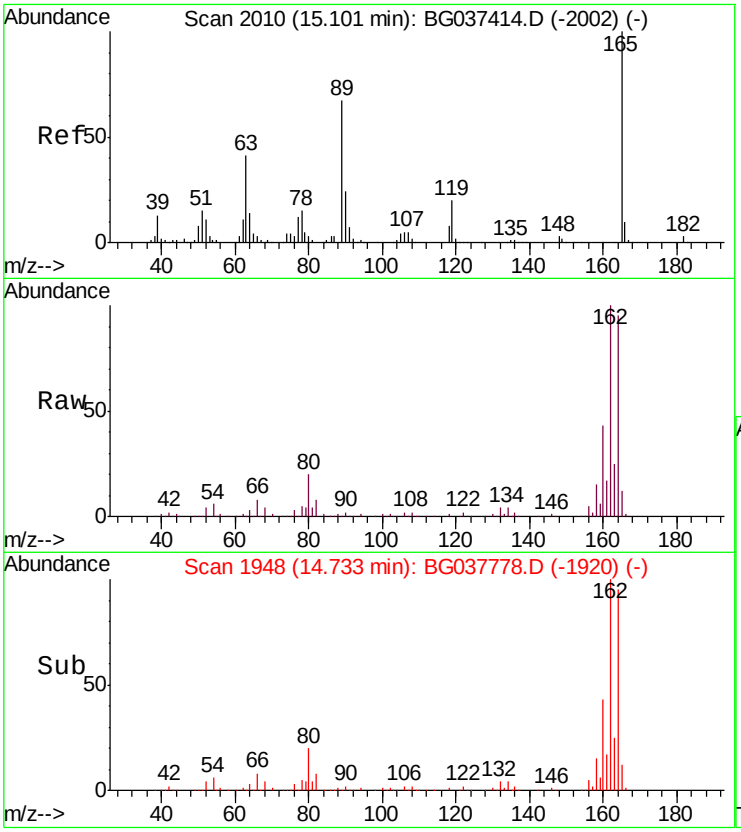


#51
2,6-Dinitrotoluene
Concen: 7.555 ng
RT: 14.73 min Scan# 1948
Delta R.T. 0.41 min
Lab File: BG037778.D
Acq: 3 Nov 2018 6:29

Tgt Ion:165 Resp: 23051

Ion	Ratio	Lower	Upper
165	100		
63	1.5	43.4	65.2#
89	3.0	45.8	68.6#



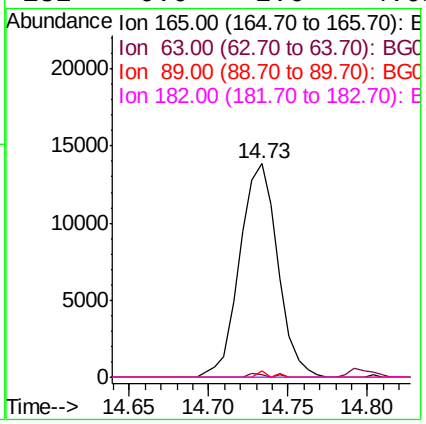


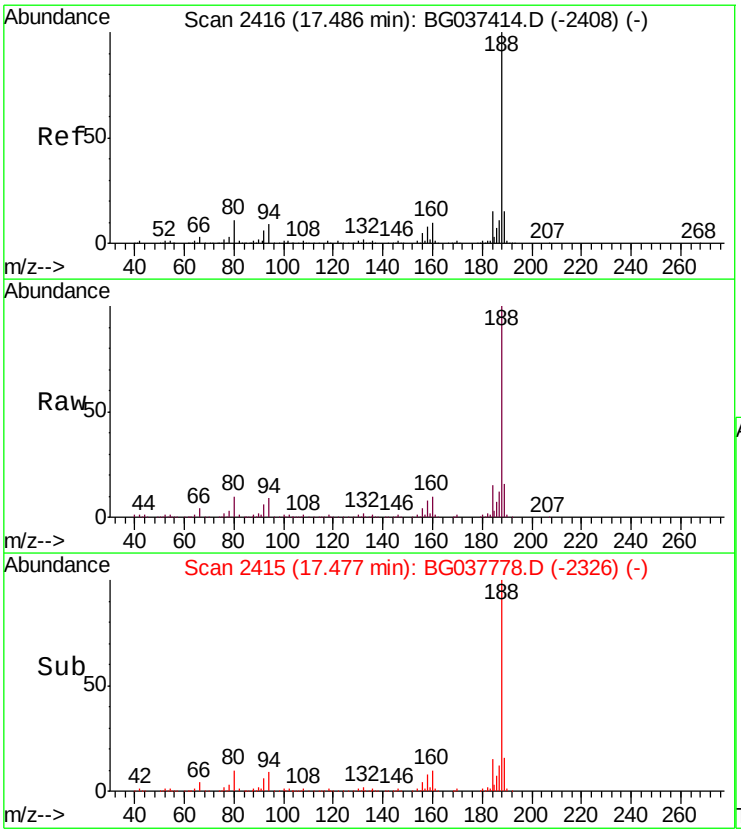
#57
2,4-Dinitrotoluene
Concen: 5.756 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.37 min
Lab File: BG037778.D
Acq: 3 Nov 2018 6:29

Instrument :
BNA_G
ClientSampleId :
TP-6

Tgt Ion:165 Resp: 23051

Ion	Ratio	Lower	Upper
165	100		
63	1.5	33.4	50.0#
89	3.0	57.2	85.8#
182	0.0	2.6	4.0#

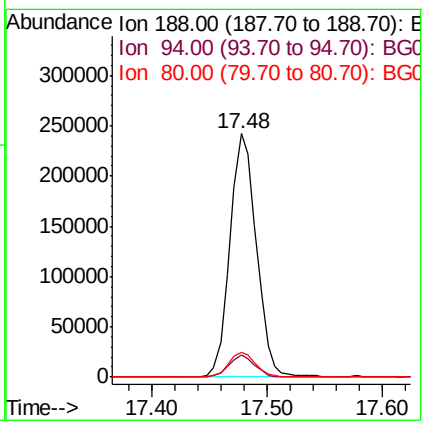


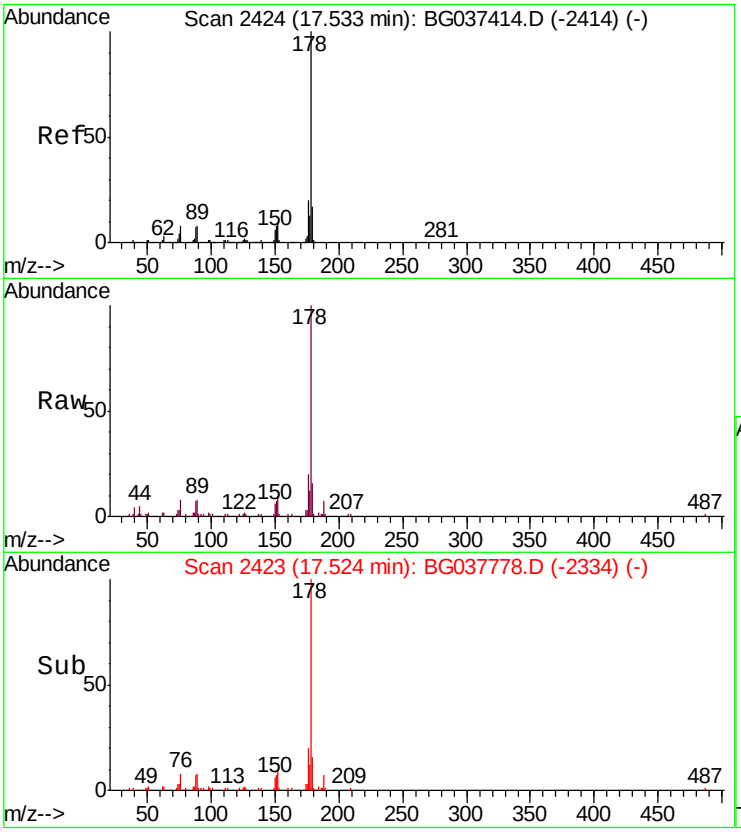


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037778.D
Acq: 3 Nov 2018 6:29

Tgt Ion:188 Resp: 385243

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	10.2	7.7	11.5



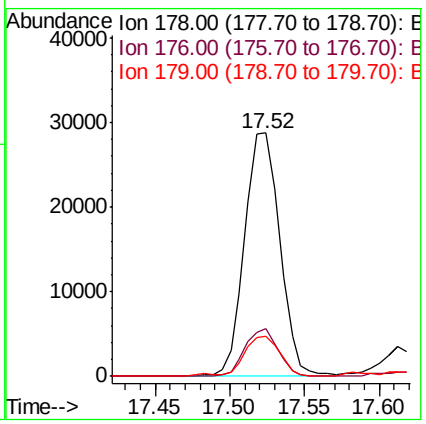


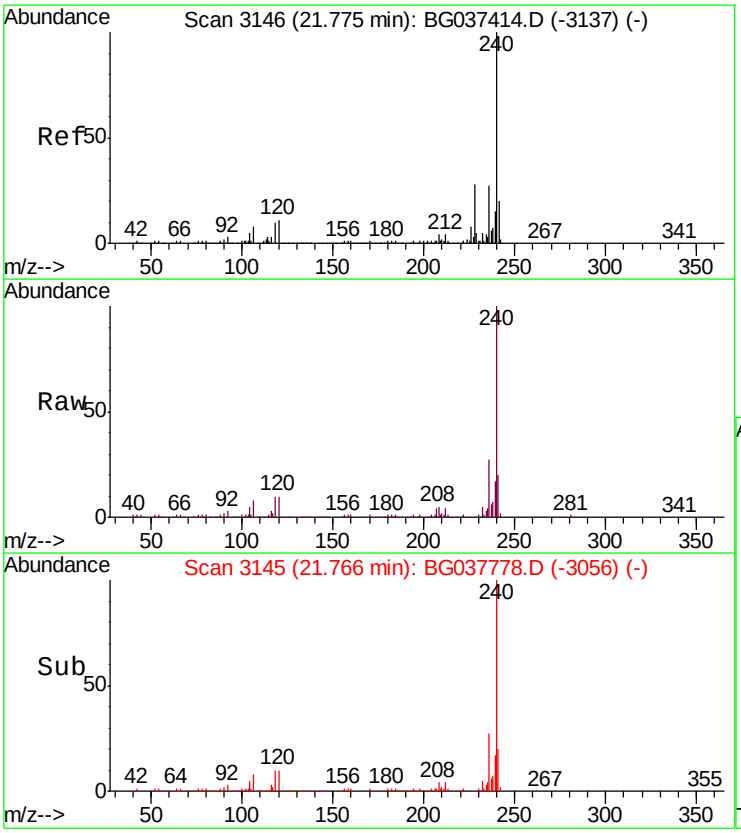
#71
Phenanthrene
Concen: 2.403 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG037778.D
Acq: 3 Nov 2018 6:29

Instrument :
BNA_G
ClientSampleId :
TP-6

Tgt Ion:178 Resp: 47045

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.1	24.1
179	16.3	13.0	19.4

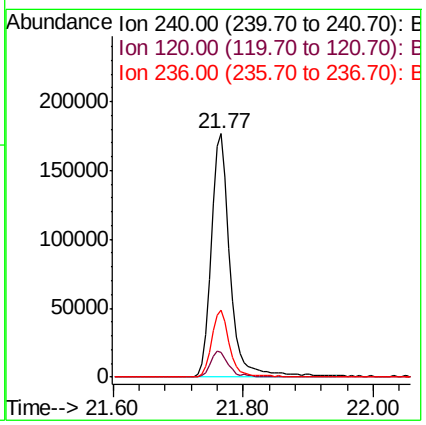


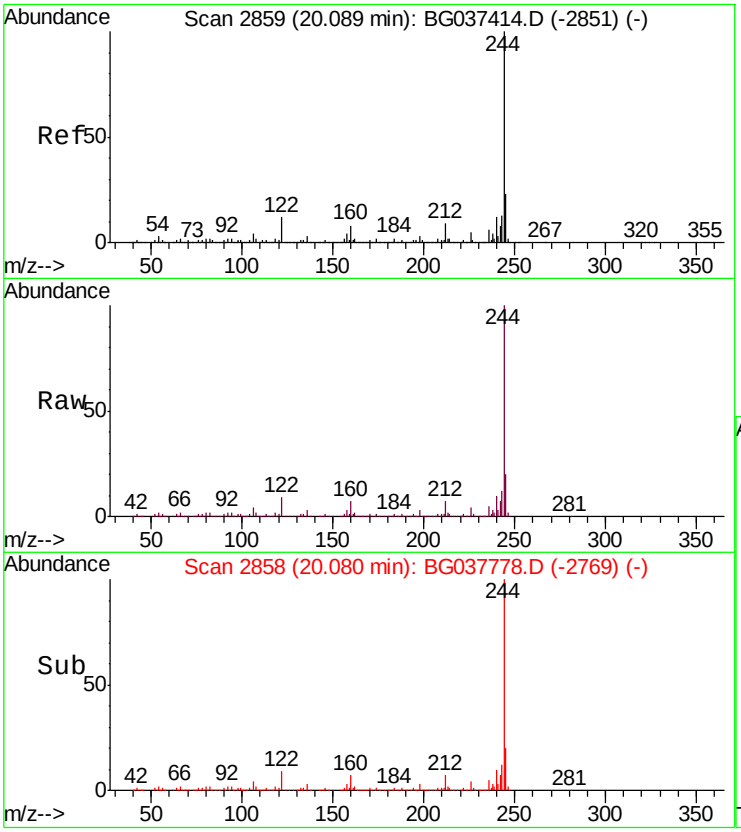


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037778.D
Acq: 3 Nov 2018 6:29

Tgt Ion:240 Resp: 352632

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.1	12.1
236	27.5	21.4	32.0



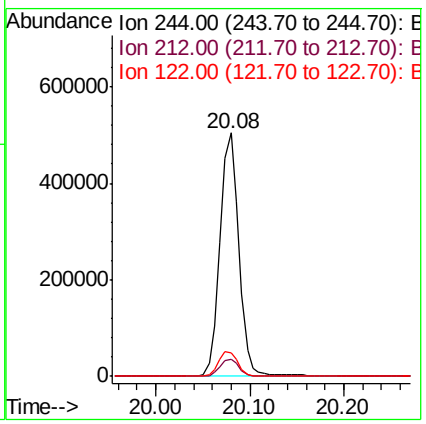


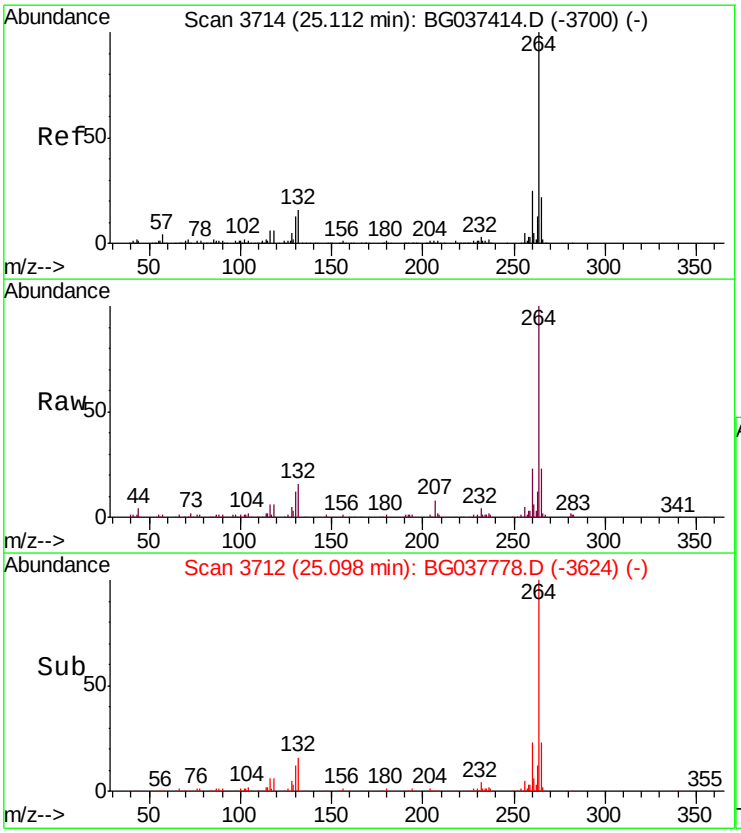
#79
Terphenyl-d14
Concen: 43.132 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG037778.D
Acq: 3 Nov 2018 6:29

Instrument :
BNA_G
ClientSampleId :
TP-6

Tgt Ion:244 Resp: 711806

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.5	9.7
122	9.5	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037778.D
Acq: 3 Nov 2018 6:29

Tgt Ion:264 Resp: 305193

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.4
265	22.9	17.9	26.9