Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102918\
Data File : BG037639.D
Acq On : 30 Oct 2018 1:39
Operator : JU/SJ
Sample : J5649-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Oct 30 05:47:08 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	67491	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	284997	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	190499	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	441970	20.00	ng		0.00
76) Chrysene-d12	21.76	240	391696	20.00	ng		-0.01
87) Perylene-d12	25.10	264	398374	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	618209	153.14	ng		0.00
7) Phenol-d6	7.25	99	923304	151.25	ng		0.00
23) Nitrobenzene-d5	9.28	82	545179	107.16	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	330713	159.17	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	1206411	95.50	ng		-0.01
79) Terphenyl-d14	20.08	244	1640556	89.50	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.28	94	93409	14.503	ng		100
19) n-Nitroso-di-n-propylamine	9.28	70	70057	16.666	ng	#	71
50) Dimethylphthalate	14.18	163	182649	12.394	ng		99
57) 2,4-Dinitrotoluene	14.73	165	25031	5.849	ng	#	25
65) 4,6-Dinitro-2-methylphenol	16.22	198	1115	8.903	ng		83
67) 4-Bromophenyl-phenylether	16.22	248	25049	5.161	ng	#	1
77) Benzidine	20.08	184	27745	2.083	ng	#	91

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102918\
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Acq On : 30 Oct 2018 1:39
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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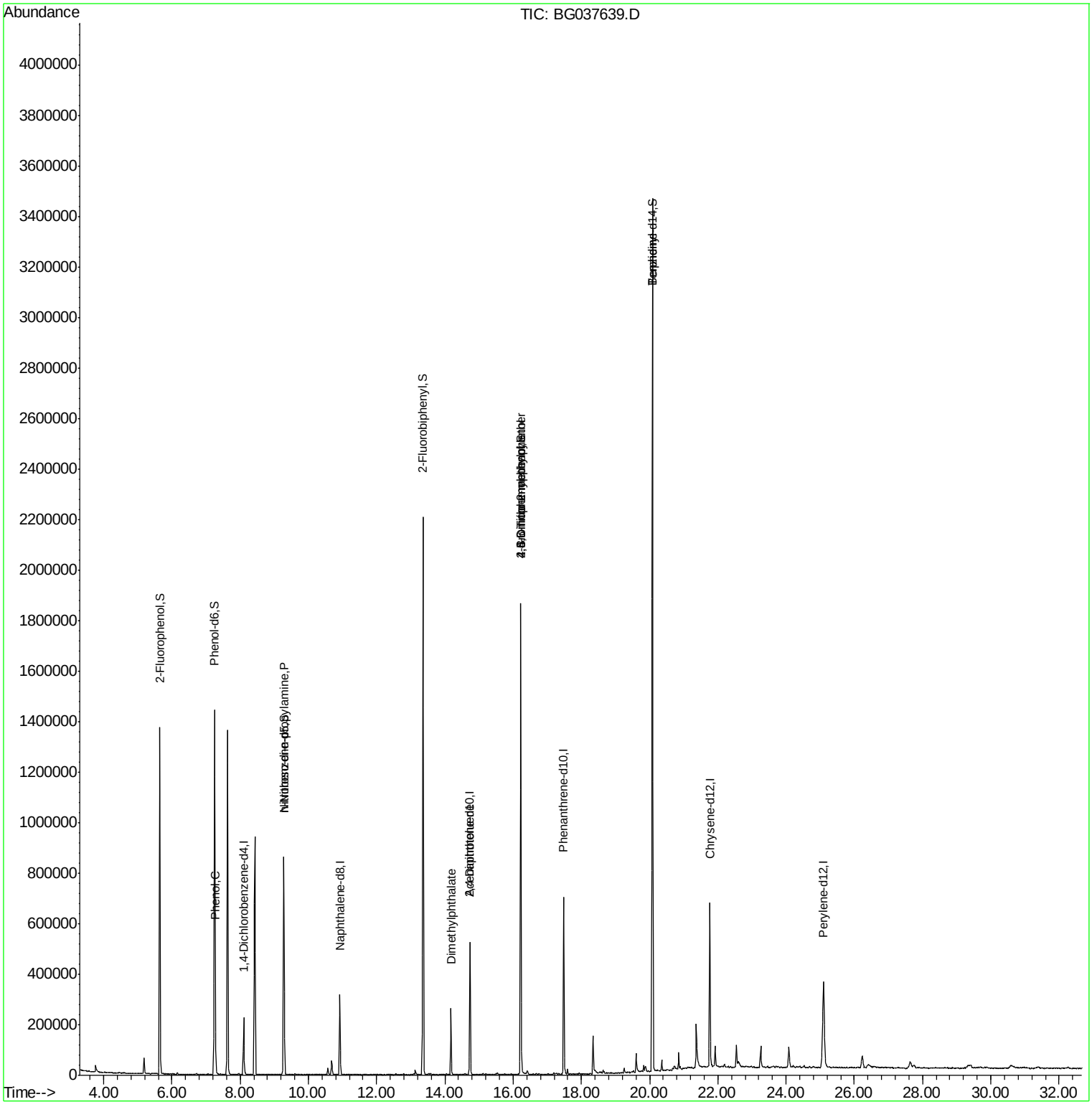
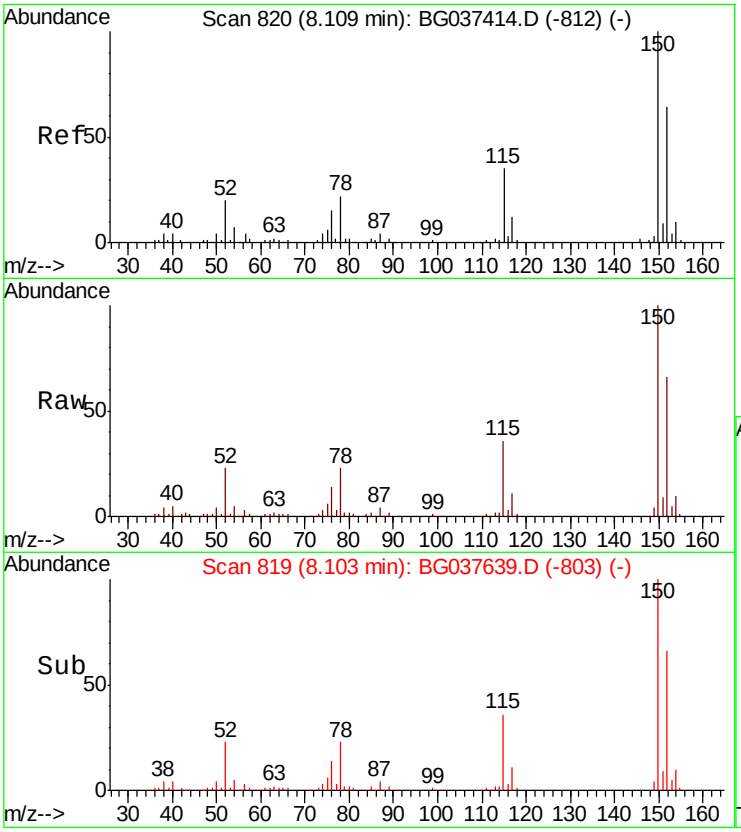


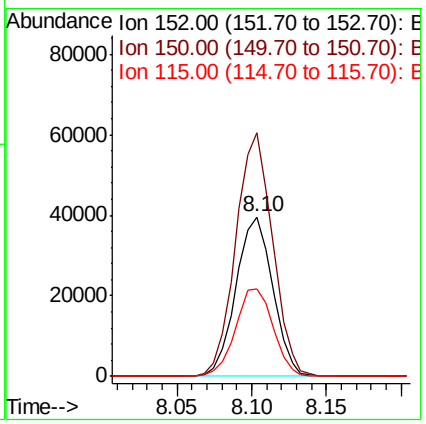


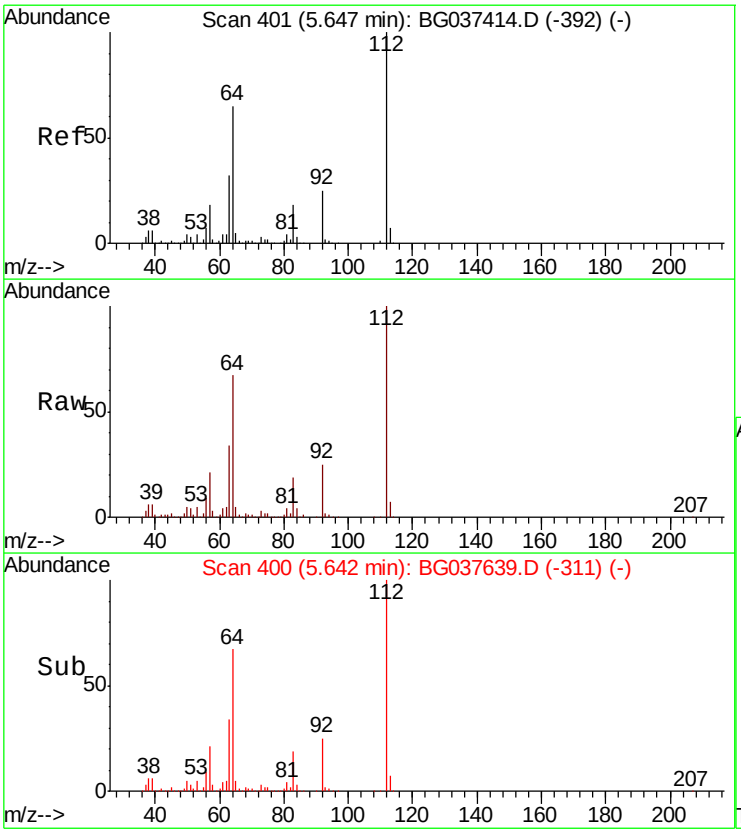
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037639.D
Acq: 30 Oct 2018 1:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 67491

Ion	Ratio	Lower	Upper
152	100		
150	152.7	126.0	189.0
115	54.9	45.5	68.3

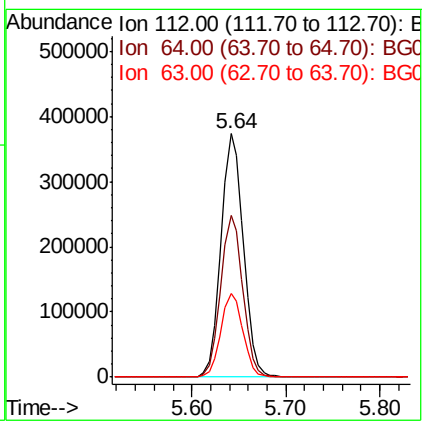


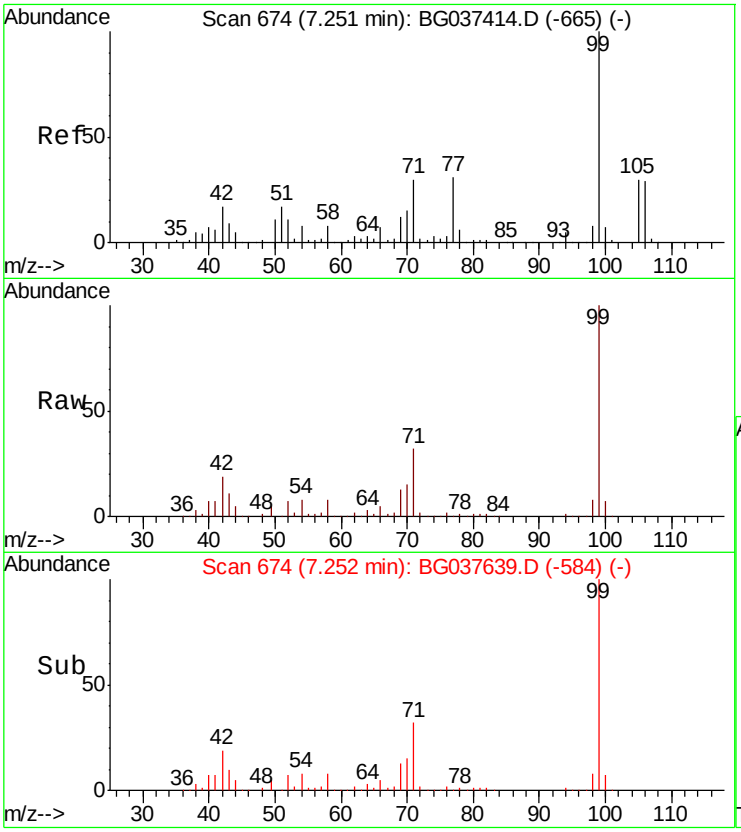


#5
2-Fluorophenol
Concen: 153.140 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037639.D
Acq: 30 Oct 2018 1:39

Tgt Ion:112 Resp: 618209

Ion	Ratio	Lower	Upper
112	100		
64	66.6	53.1	79.7
63	34.4	27.3	40.9



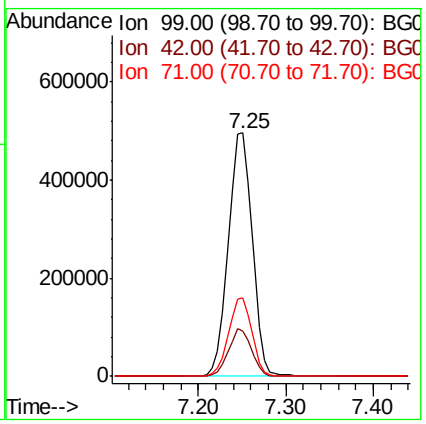


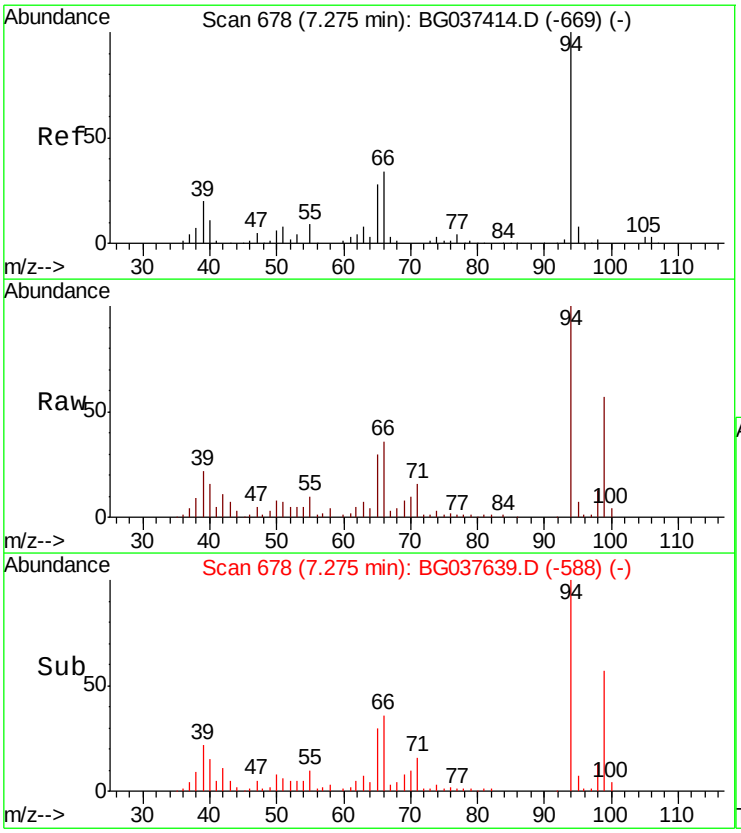
#7
Phenol-d6
Concen: 151.255 ng
RT: 7.25 min Scan# 674
Delta R.T. 0.00 min
Lab File: BG037639.D
Acq: 30 Oct 2018 1:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 923304

Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.0	22.4
71	32.2	25.5	38.3

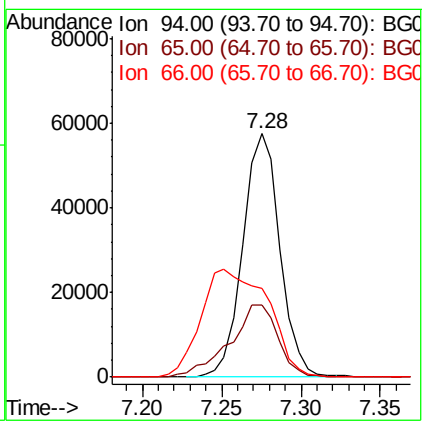


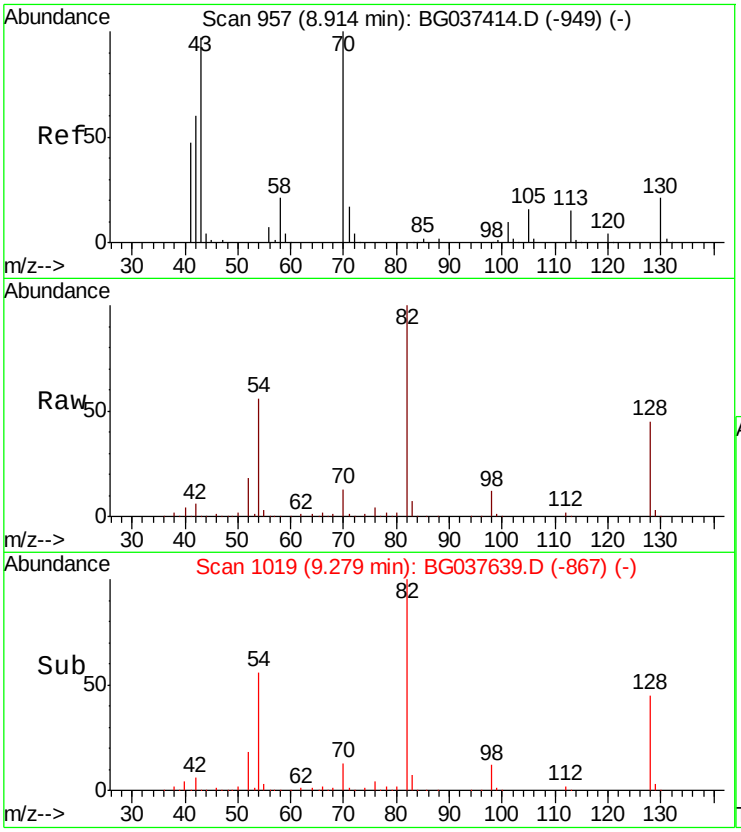


#10
Phenol
Concen: 14.503 ng
RT: 7.28 min Scan# 678
Delta R.T. 0.00 min
Lab File: BG037639.D
Acq: 30 Oct 2018 1:39

Tgt Ion: 94 Resp: 93409

Ion	Ratio	Lower	Upper
94	100		
65	29.6	9.7	49.7
66	36.4	15.9	55.9



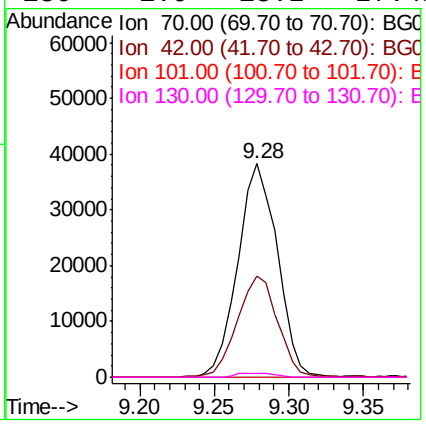


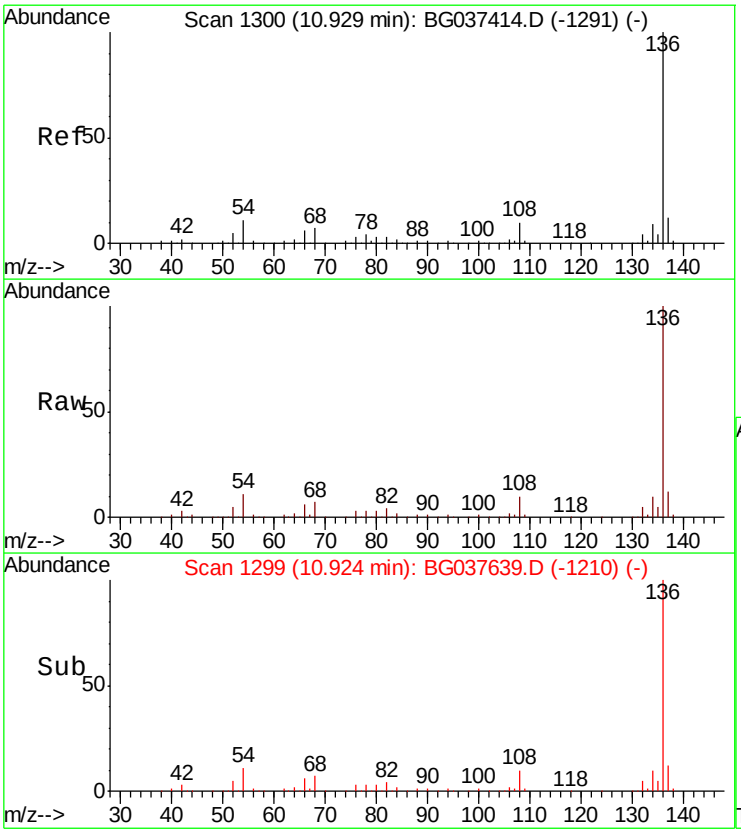
#19
n-Nitroso-di-n-propylamine
Concen: 16.666 ng
RT: 9.28 min Scan# 1019
Delta R.T. 0.36 min
Lab File: BG037639.D
Acq: 30 Oct 2018 1:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 70057

Ion	Ratio	Lower	Upper
70	100		
42	47.2	53.9	80.9#
101	0.0	8.2	12.2#
130	1.9	18.2	27.4#

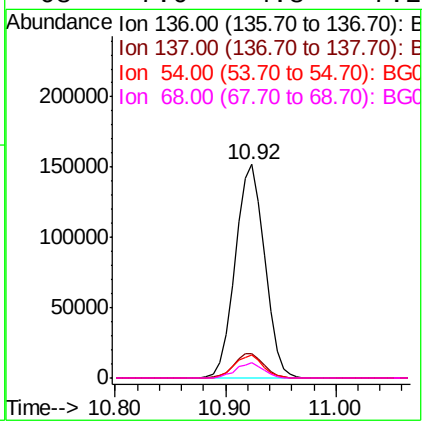


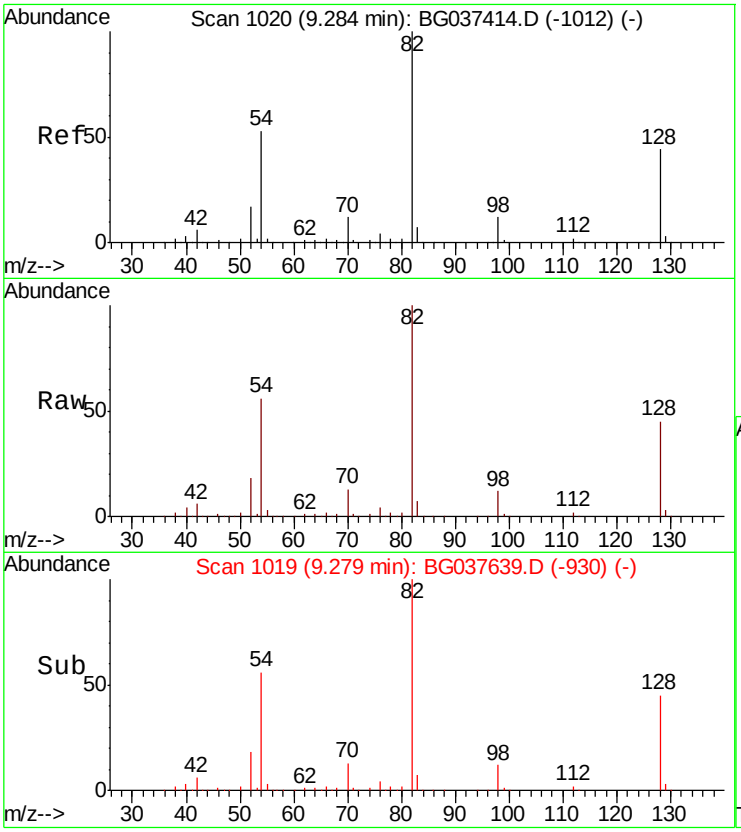


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037639.D
Acq: 30 Oct 2018 1:39

Tgt Ion:136 Resp: 284997

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	11.0	7.9	11.9
68	7.0	4.8	7.2



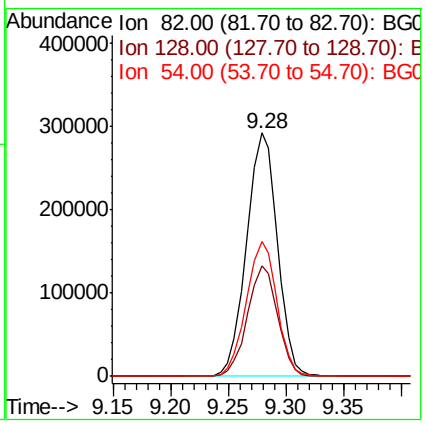


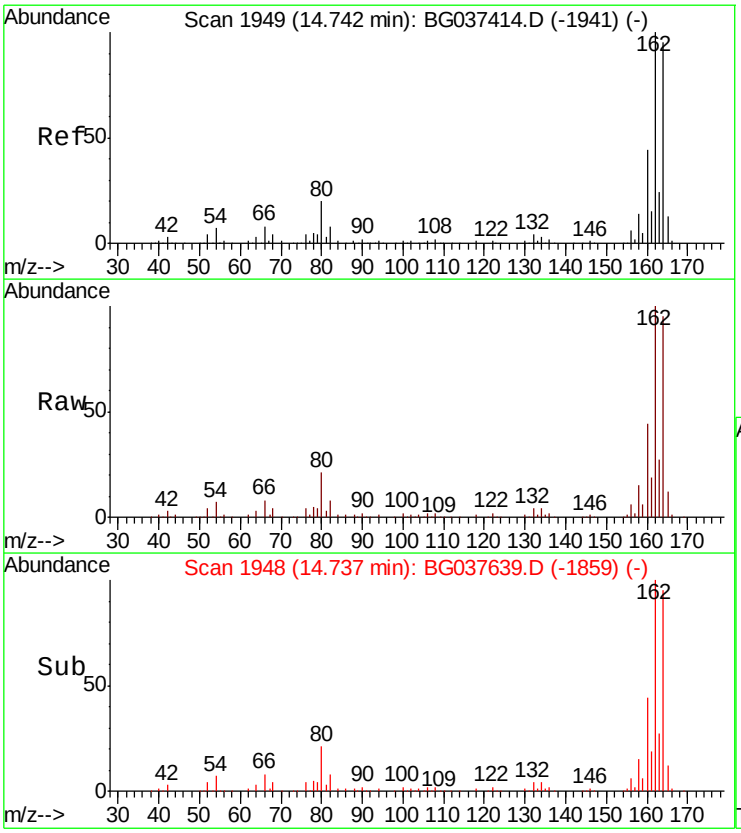
#23
Nitrobenzene-d5
Concen: 107.160 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037639.D
Acq: 30 Oct 2018 1:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 545179

Ion	Ratio	Lower	Upper
82	100		
128	45.1	34.6	51.8
54	55.6	45.3	67.9

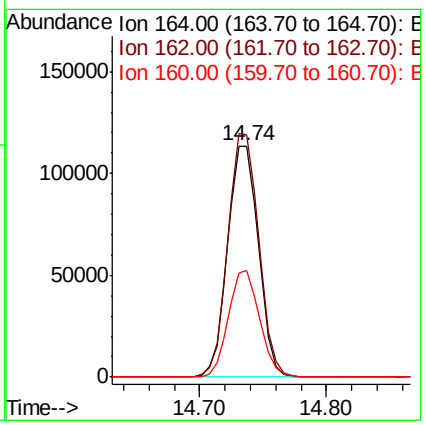


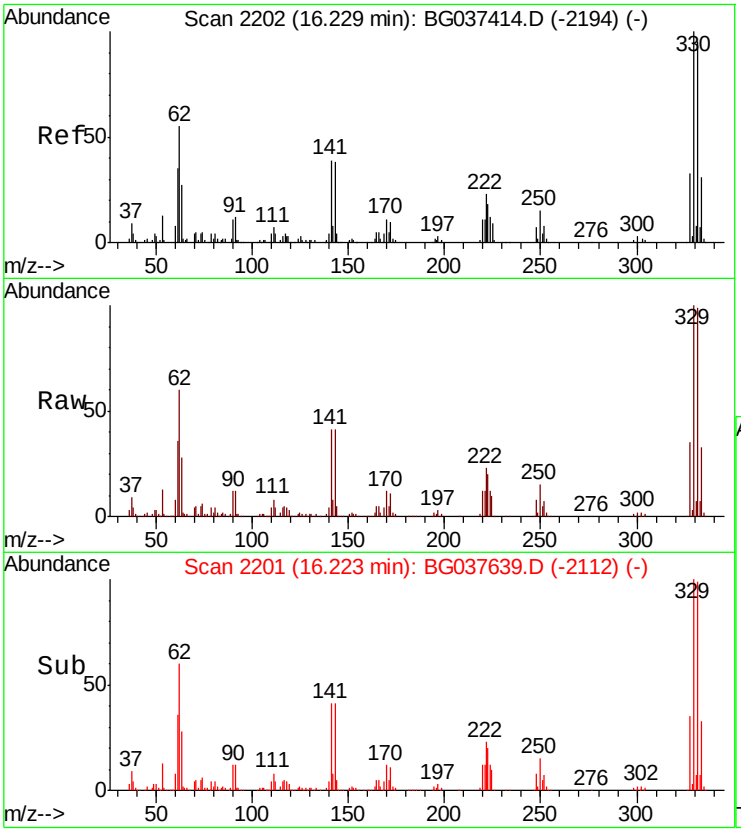


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037639.D
Acq: 30 Oct 2018 1:39

Tgt Ion:164 Resp: 190499

Ion	Ratio	Lower	Upper
164	100		
162	105.0	81.3	121.9
160	46.2	36.3	54.5



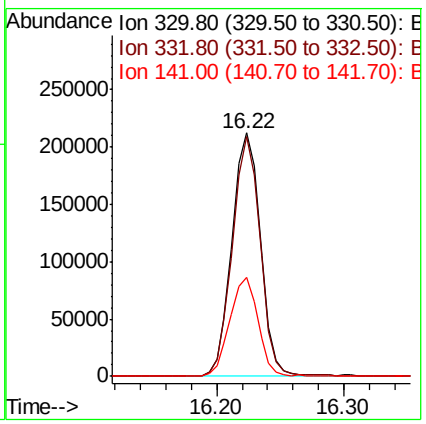


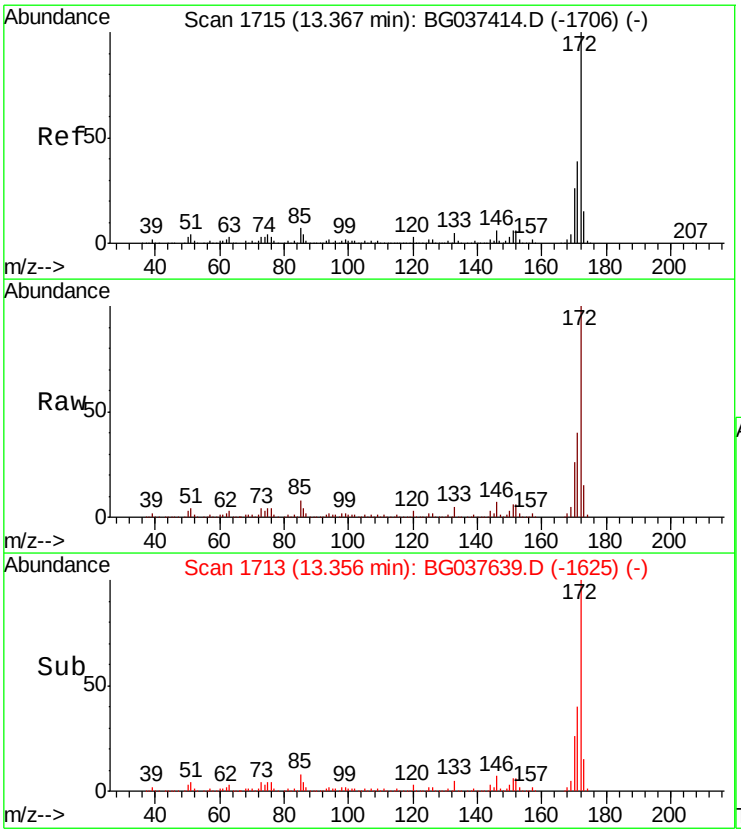
#42
2,4,6-Tribromophenol
Concen: 159.169 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG037639.D
Acq: 30 Oct 2018 1:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 330713

Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.4	117.6
141	40.3	32.2	48.2

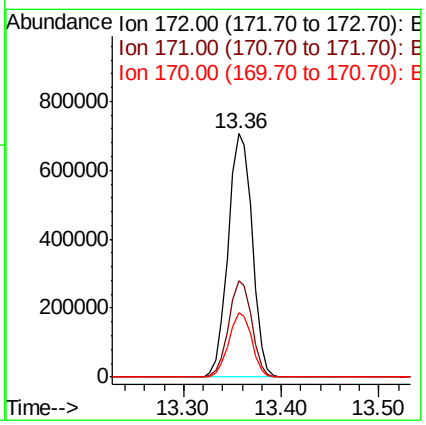


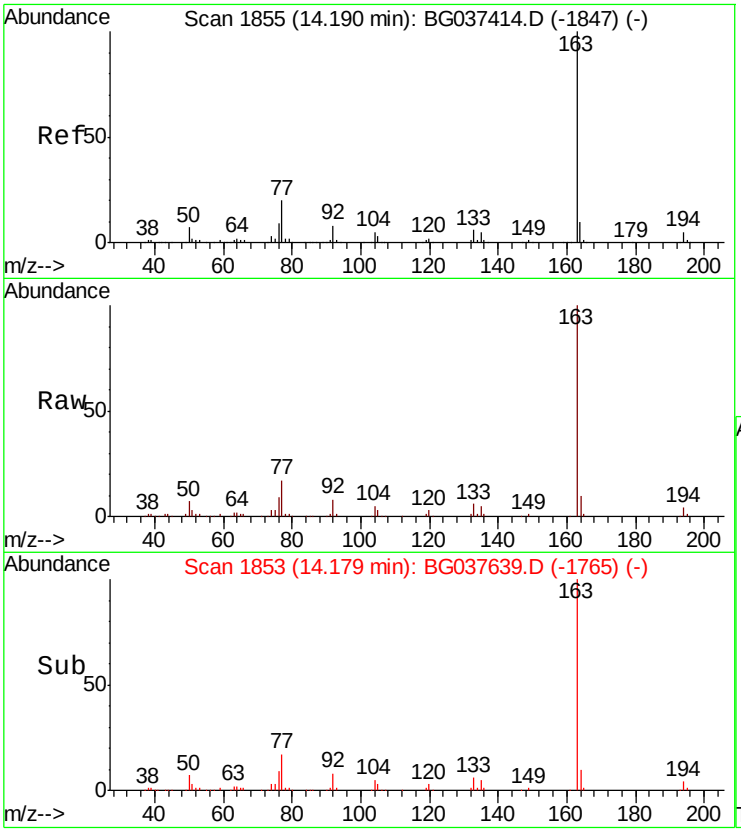


#45
2-Fluorobiphenyl
Concen: 95.497 ng
RT: 13.36 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG037639.D
Acq: 30 Oct 2018 1:39

Tgt Ion:172 Resp: 1206411

Ion	Ratio	Lower	Upper
172	100		
171	39.8	31.0	46.4
170	26.2	20.2	30.2



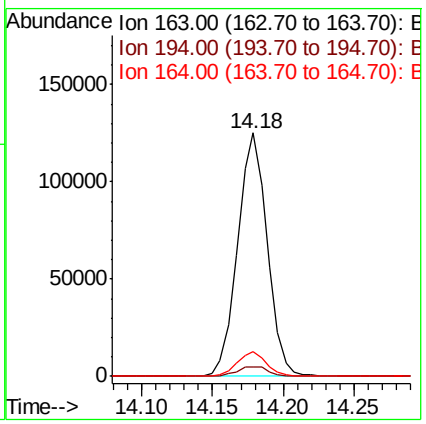


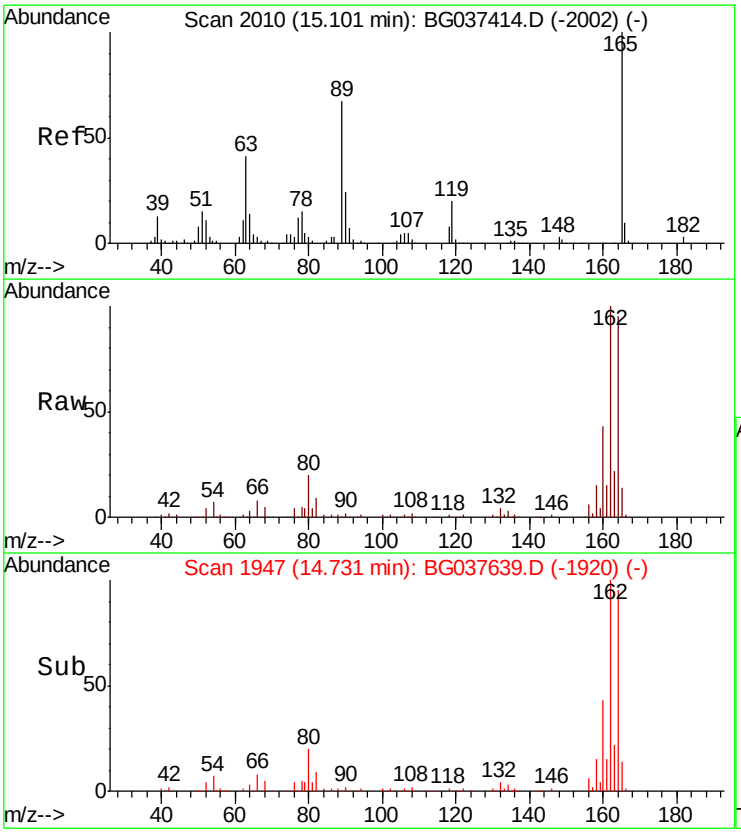
#50
Dimethylphthalate
Concen: 12.394 ng
RT: 14.18 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BG037639.D
Acq: 30 Oct 2018 1:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 182649

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.5	5.3
164	10.1	8.5	12.7

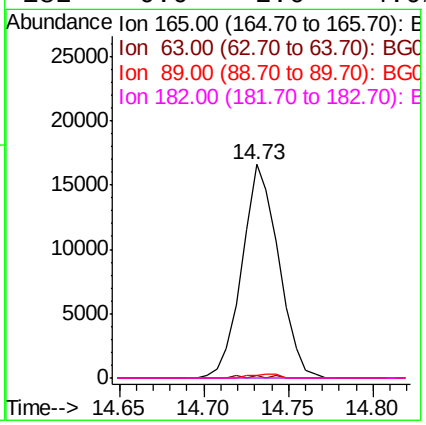


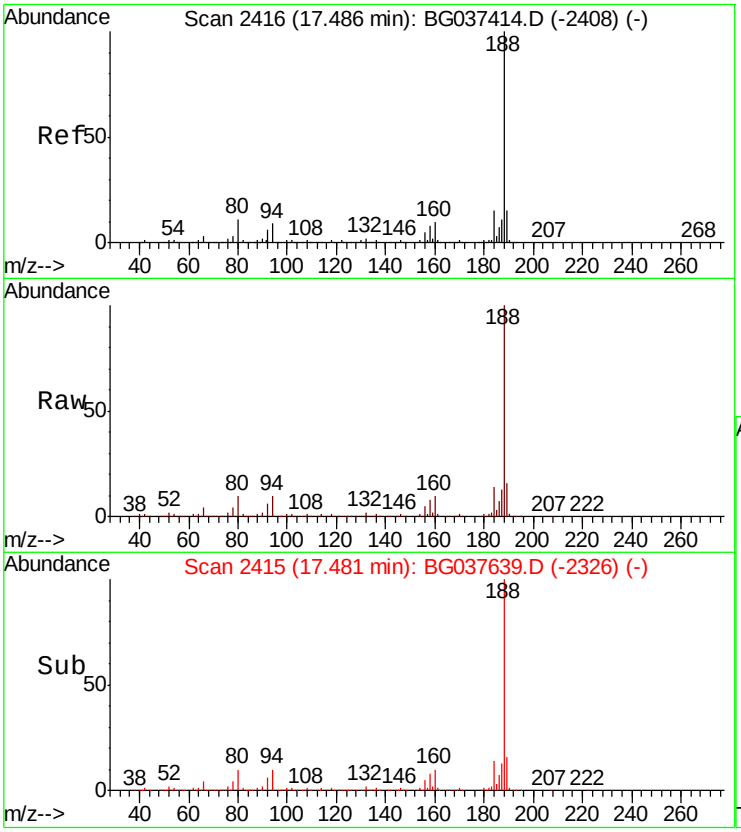


#57
2,4-Dinitrotoluene
Concen: 5.849 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.37 min
Lab File: BG037639.D
Acq: 30 Oct 2018 1:39

Tgt Ion:165 Resp: 25031

Ion	Ratio	Lower	Upper
165	100		
63	1.2	33.4	50.0#
89	0.9	57.2	85.8#
182	0.0	2.6	4.0#



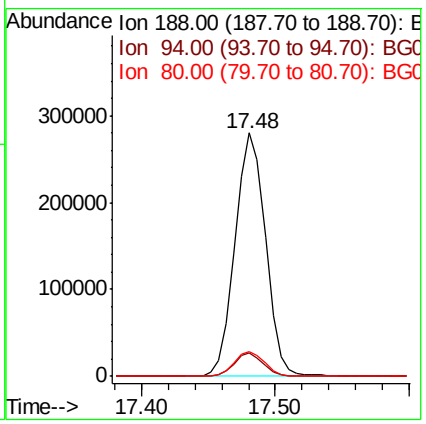


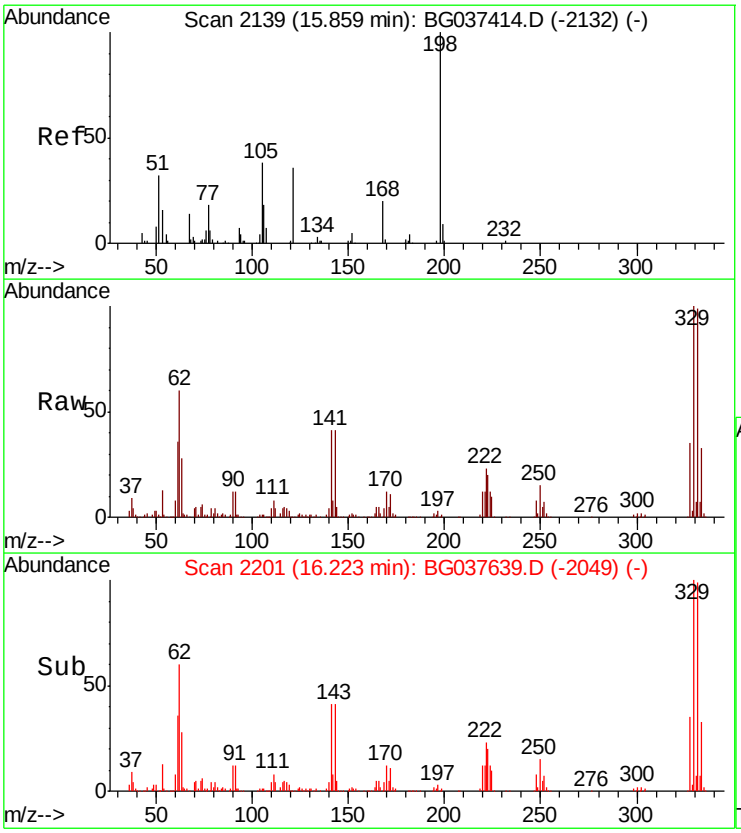
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037639.D
Acq: 30 Oct 2018 1:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 441970

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.2	10.8
80	10.4	7.7	11.5

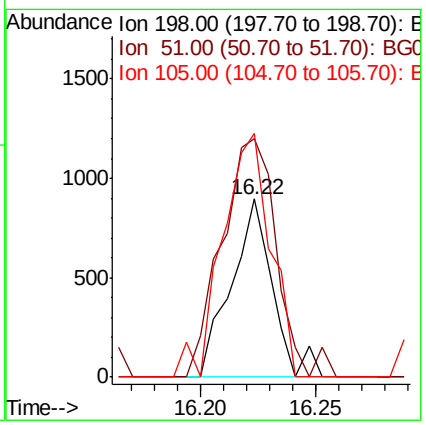


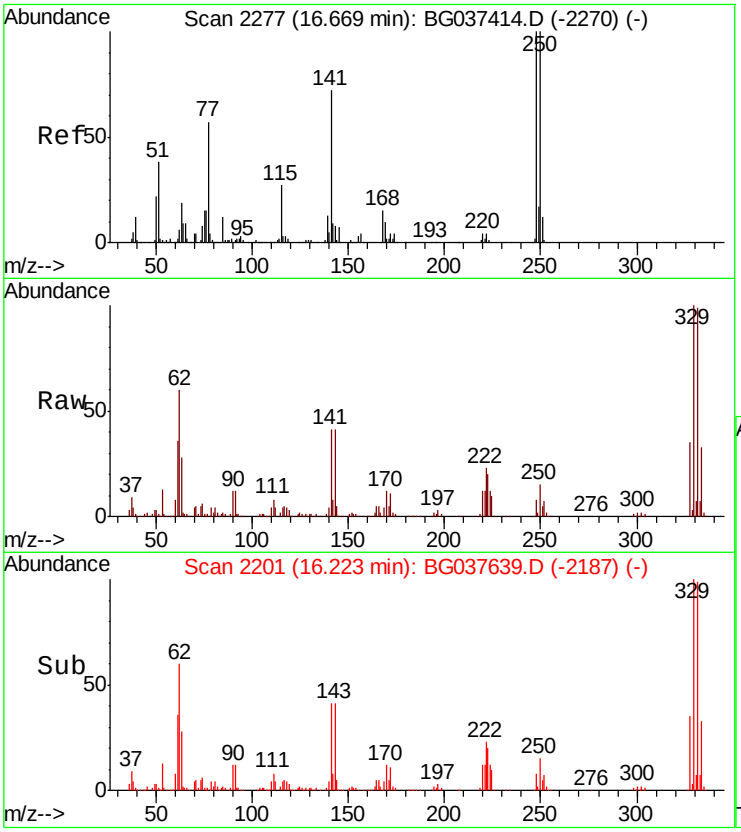


#65
4,6-Dinitro-2-methylphenol
Concen: 8.903 ng
RT: 16.22 min Scan# 2201
Delta R.T. 0.37 min
Lab File: BG037639.D
Acq: 30 Oct 2018 1:39

Tgt Ion:198 Resp: 1115

Ion	Ratio	Lower	Upper
198	100		
51	30.0	22.7	62.7
105	30.6	19.7	59.7



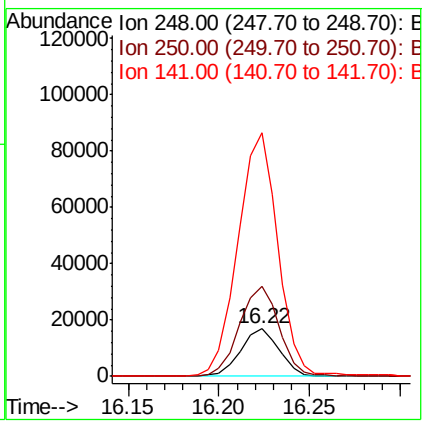


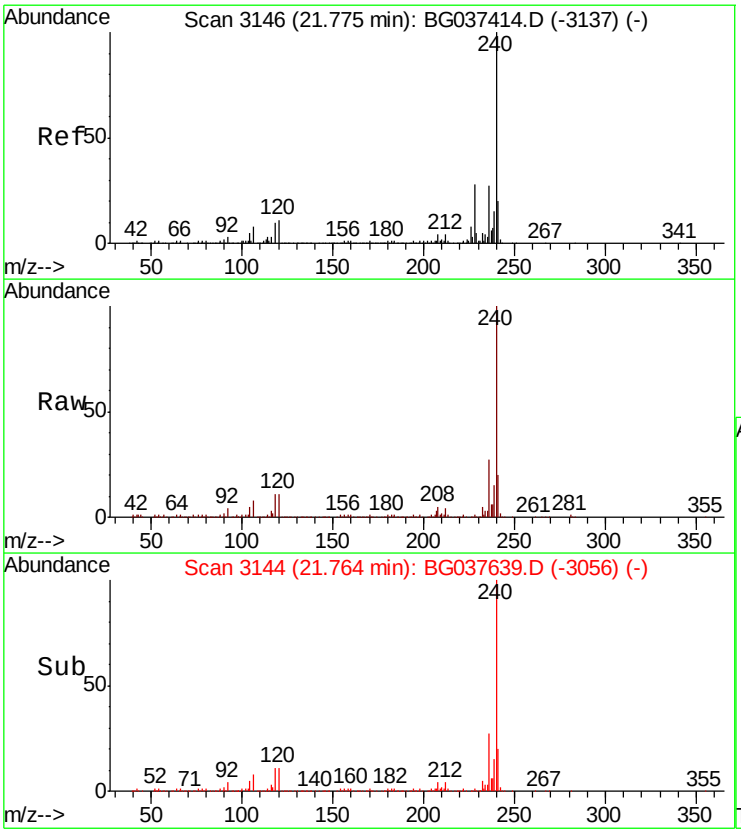
#67
4-Bromophenyl-phenylether
Concen: 5.161 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.45 min
Lab File: BG037639.D
Acq: 30 Oct 2018 1:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 25049

Ion	Ratio	Lower	Upper
248	100		
250	189.8	77.0	115.6#
141	394.9	55.5	83.3#

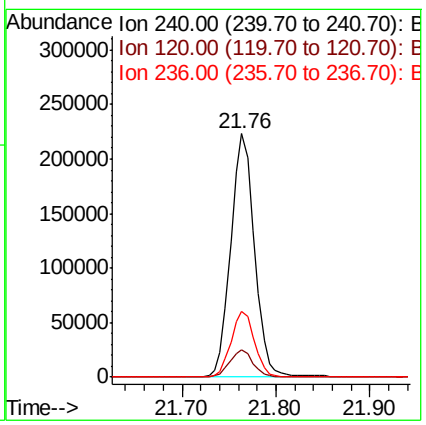


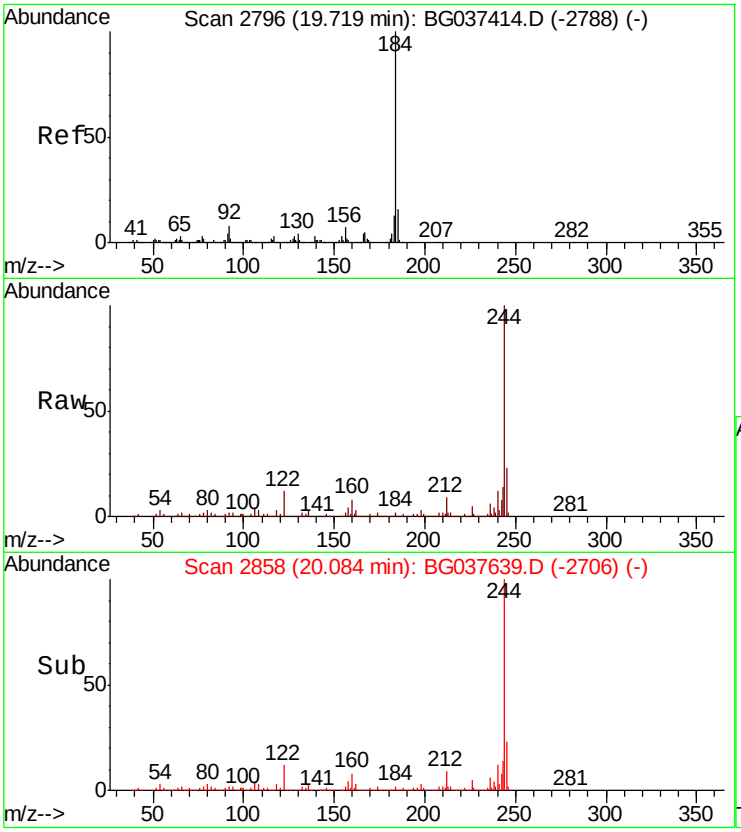


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037639.D
Acq: 30 Oct 2018 1:39

Tgt Ion:240 Resp: 391696

Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.1	12.1
236	27.1	21.4	32.0



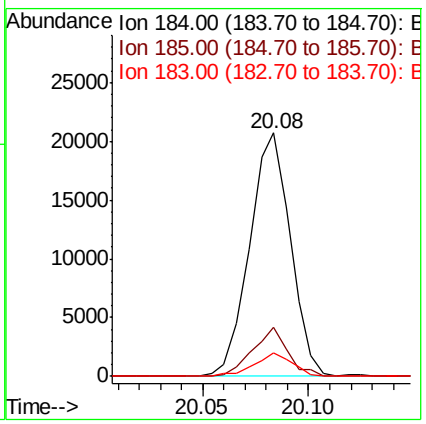


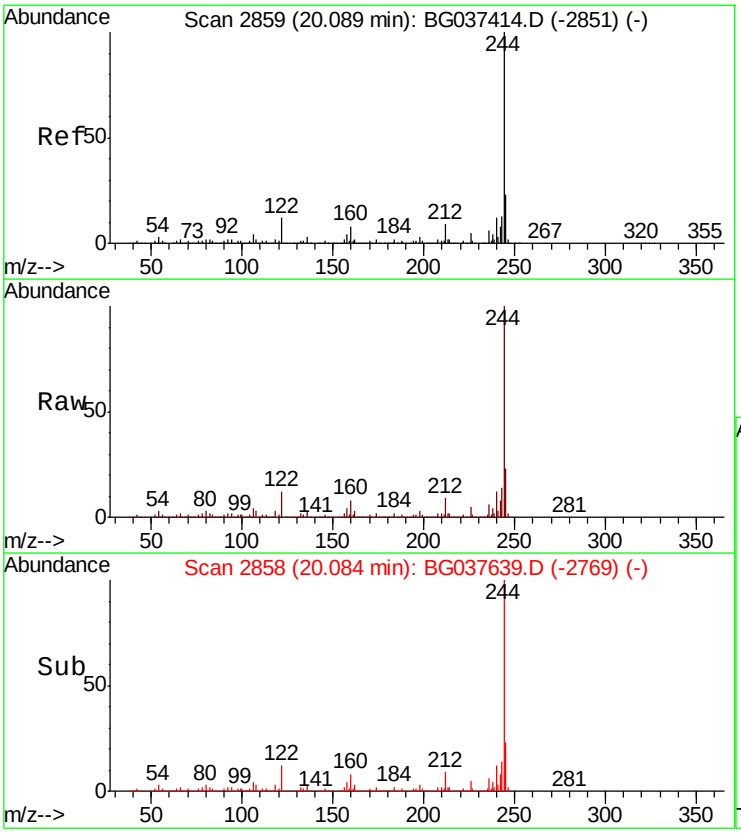
#77
Benzidine
Concen: 2.083 ng
RT: 20.08 min Scan# 2858
Delta R.T. 0.36 min
Lab File: BG037639.D
Acq: 30 Oct 2018 1:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 27745

Ion	Ratio	Lower	Upper
184	100		
185	19.9	12.6	18.8#
183	9.6	10.2	15.2#

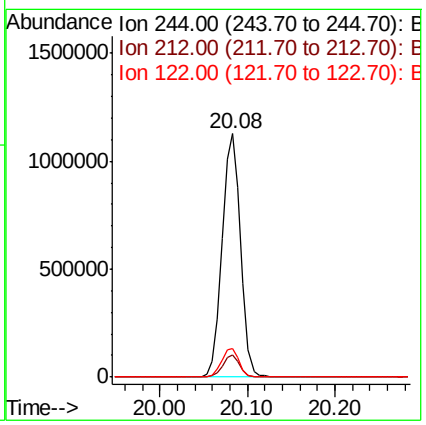


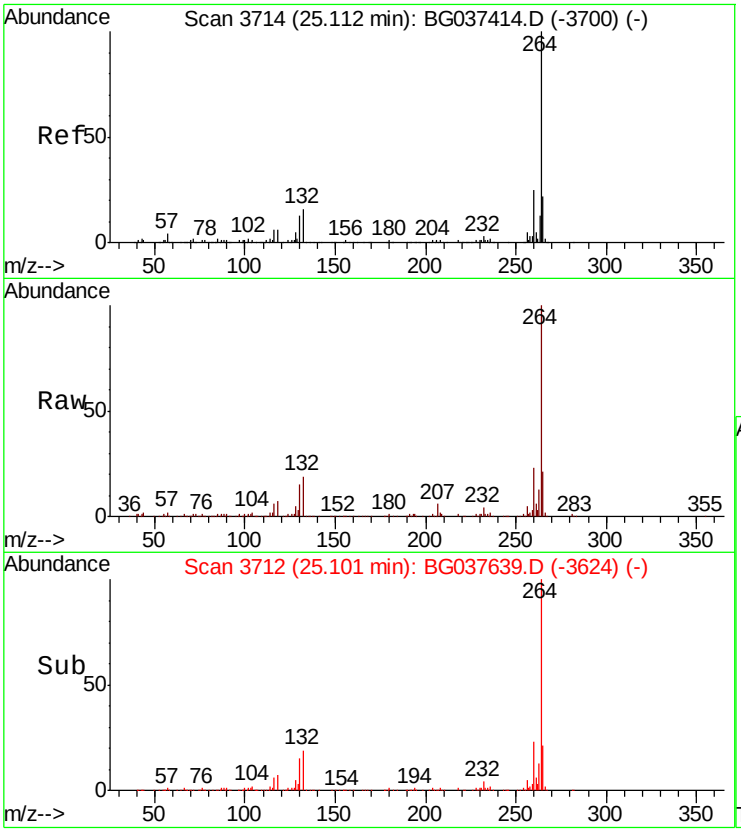


#79
Terphenyl-d14
Concen: 89.495 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG037639.D
Acq: 30 Oct 2018 1:39

Tgt Ion:244 Resp: 1640556

Ion	Ratio	Lower	Upper
244	100		
212	9.0	6.5	9.7
122	11.7	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: BG037639.D
Acq: 30 Oct 2018 1:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 398374

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.2	27.4
265	21.3	17.9	26.9