Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101718\
Data File : BG037407.D
Acq On : 18 Oct 2018 1:58
Operator : JU/SJ
Sample : J5541-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 101518-SIDI-E-U-S

Quant Time: Oct 18 11:46:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 15:19:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	59916	20.00	ng		-0.02
21) Naphthalene-d8	10.93	136	262168	20.00	ng		-0.02
39) Acenaphthene-d10	14.74	164	176419	20.00	ng		-0.02
64) Phenanthrene-d10	17.48	188	439695	20.00	ng		-0.02
76) Chrysene-d12	21.77	240	404570	20.00	ng		-0.02
87) Perylene-d12	25.11	264	408024	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	157209	46.18	ng		0.00
7) Phenol-d6	7.24	99	138272	26.76	ng		-0.01
23) Nitrobenzene-d5	9.29	82	451969	113.34	ng		-0.01
42) 2,4,6-Tribromophenol	16.23	330	196207	113.40	ng		-0.02
45) 2-Fluorobiphenyl	13.37	172	1106129	94.16	ng		-0.02
79) Terphenyl-d14	20.09	244	1627979	84.49	ng		-0.02
Target Compounds							Qvalue
10) Phenol	7.27	94	17255	3.170	ng		97
19) n-Nitroso-di-n-propylamine	9.29	70	57673	14.741	ng	#	74
48) 2-Nitroaniline	14.18	65	59	5.773	ng	#	1
51) 2,6-Dinitrotoluene	14.74	165	22490	12.325	ng	#	25
57) 2,4-Dinitrotoluene	14.74	165	22490	11.198	ng	#	24
65) 4,6-Dinitro-2-methylphenol	16.23	198	405	6.203	ng		86
67) 4-Bromophenyl-phenylether	16.23	248	15097	3.181	ng	#	1

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

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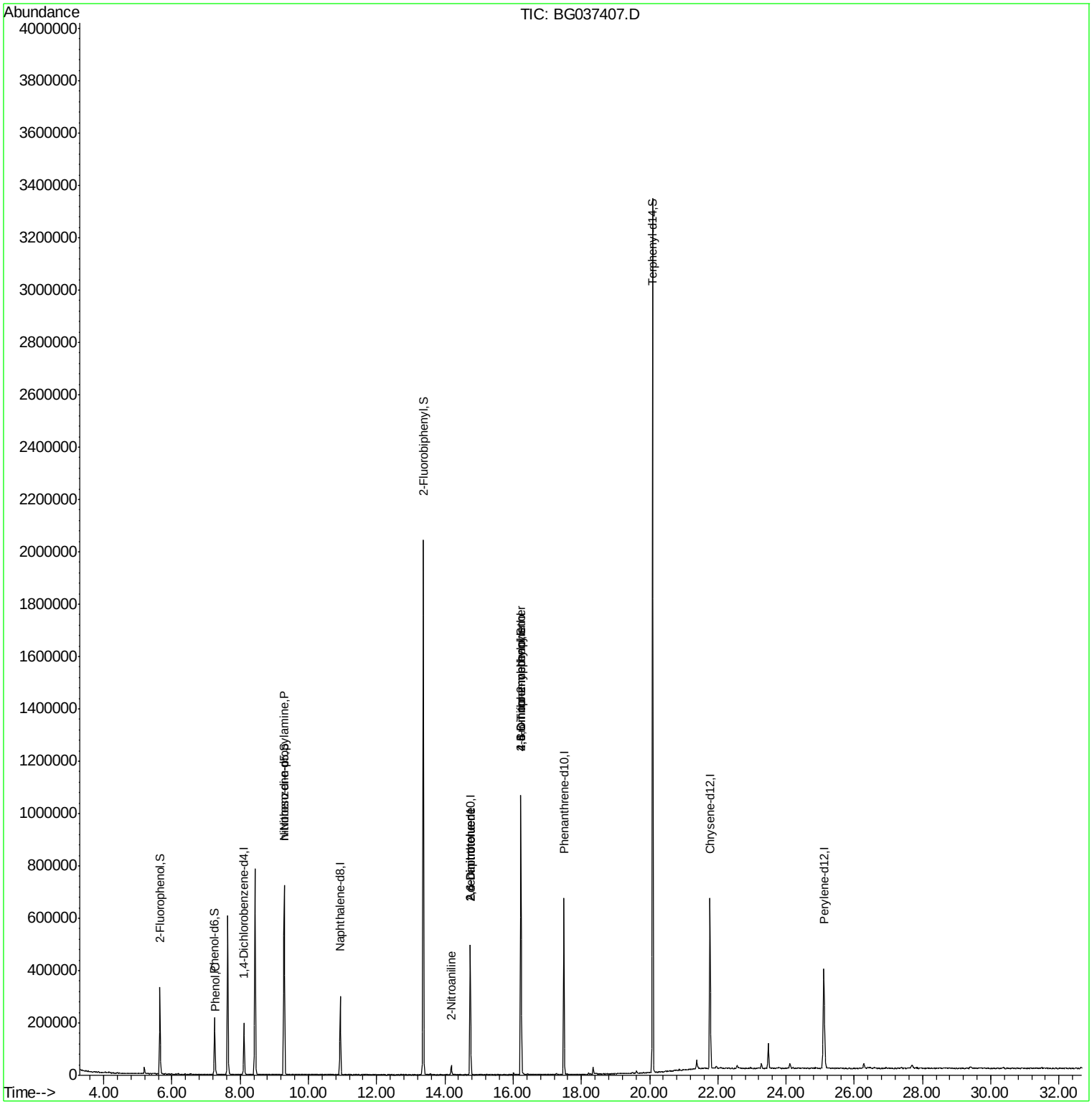
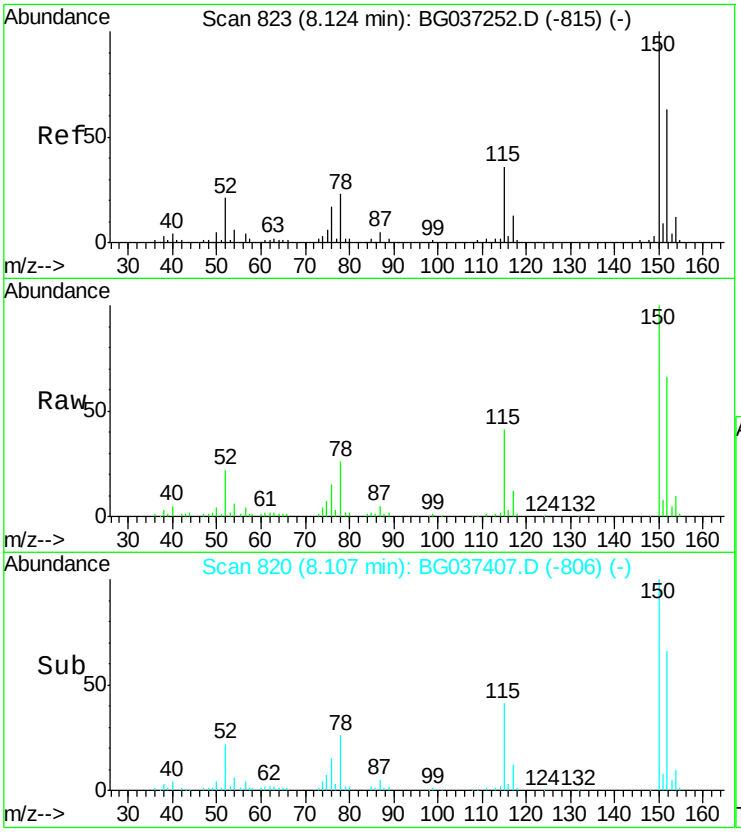


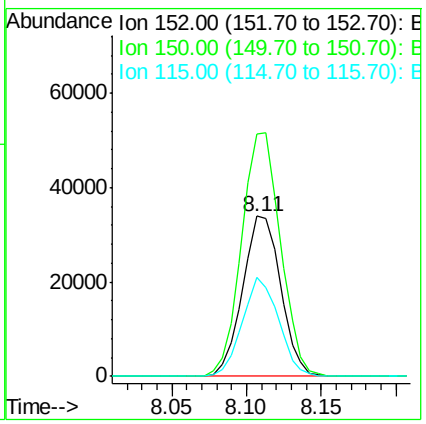


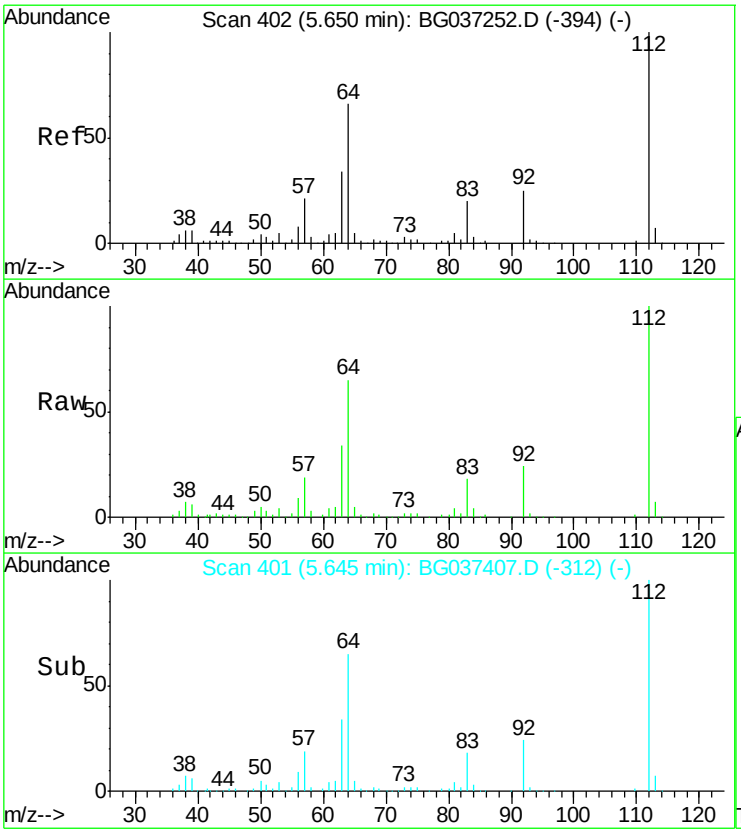
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.02 min
Lab File: BG037407.D
Acq: 18 Oct 2018 1:58

Instrument :
BNA_G
ClientSampleId :
101518-SIDI-E-U-S

Tgt Ion:152 Resp: 59916

Ion	Ratio	Lower	Upper
152	100		
150	151.1	126.0	189.0
115	61.8	45.5	68.3

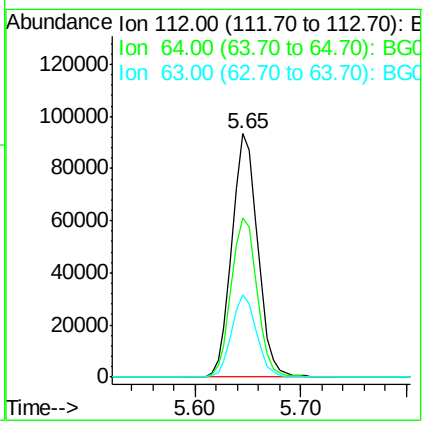


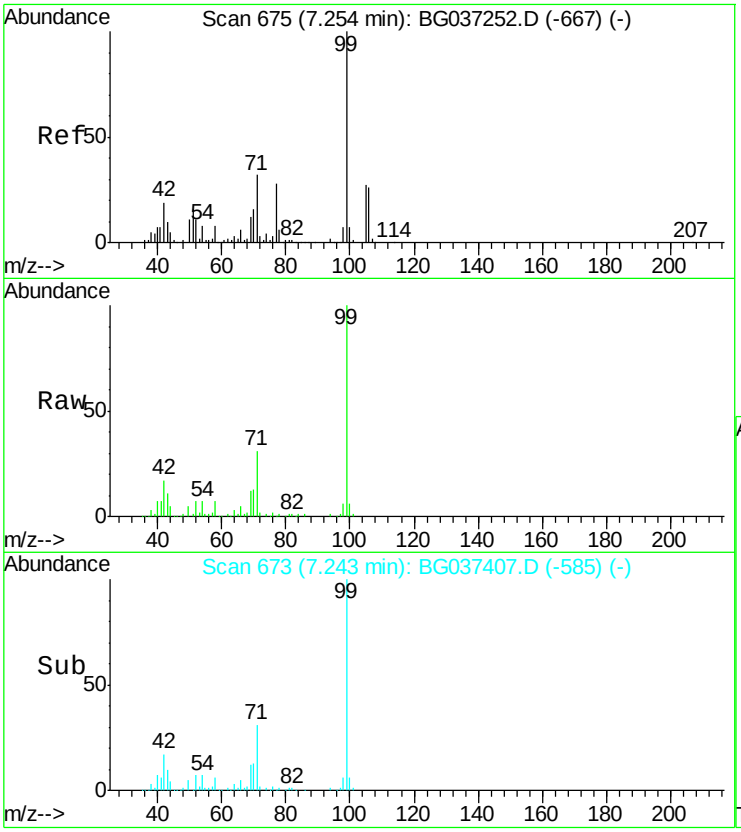


#5
2-Fluorophenol
Concen: 46.177 ng
RT: 5.65 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037407.D
Acq: 18 Oct 2018 1:58

Tgt Ion:112 Resp: 157209

Ion	Ratio	Lower	Upper
112	100		
64	65.2	53.1	79.7
63	34.0	27.3	40.9



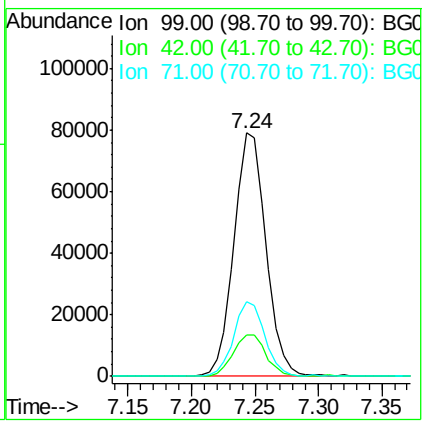


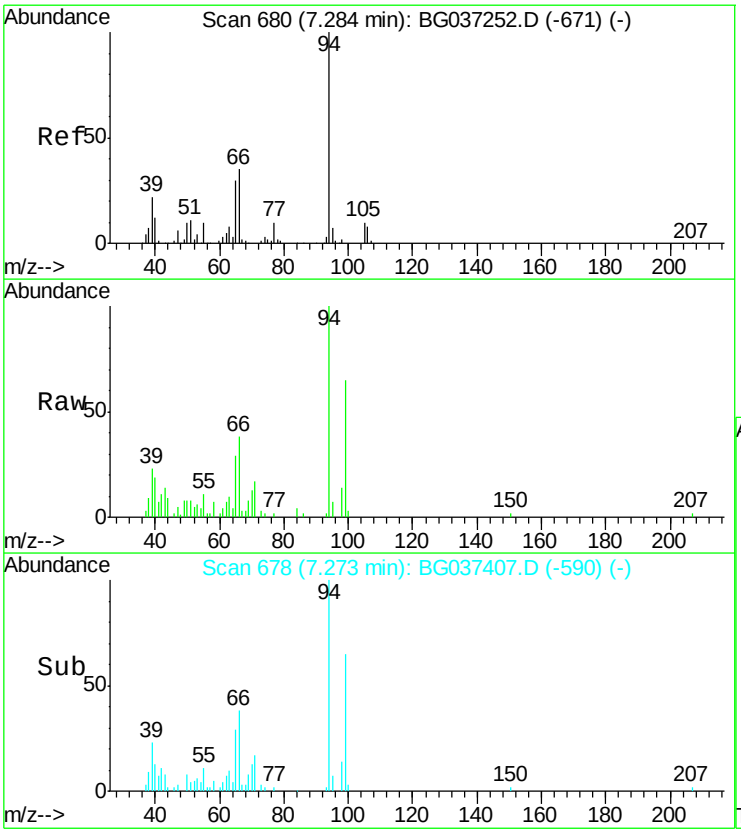
#7
Phenol-d6
Concen: 26.758 ng
RT: 7.24 min Scan# 673
Delta R.T. -0.01 min
Lab File: BG037407.D
Acq: 18 Oct 2018 1:58

Instrument :
BNA_G
ClientSampleId :
101518-SIDI-E-U-S

Tgt Ion: 99 Resp: 138272

Ion	Ratio	Lower	Upper
99	100		
42	17.0	15.0	22.4
71	30.5	25.5	38.3

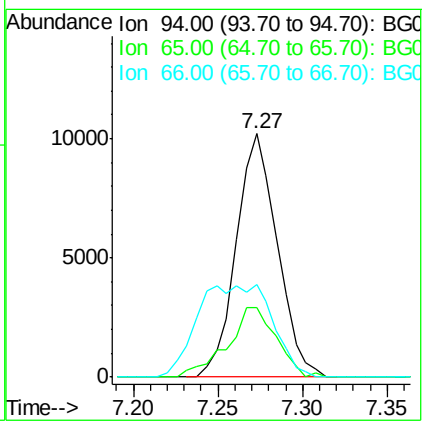


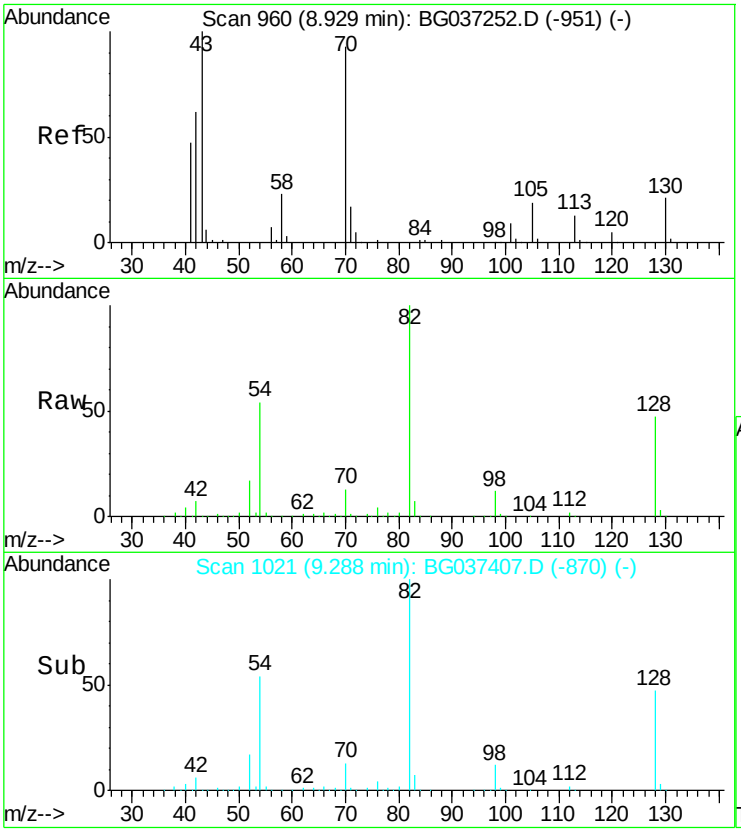


#10
Phenol
Concen: 3.170 ng
RT: 7.27 min Scan# 678
Delta R.T. -0.01 min
Lab File: BG037407.D
Acq: 18 Oct 2018 1:58

Tgt Ion: 94 Resp: 17255

Ion	Ratio	Lower	Upper
94	100		
65	28.8	9.7	49.7
66	38.0	15.9	55.9



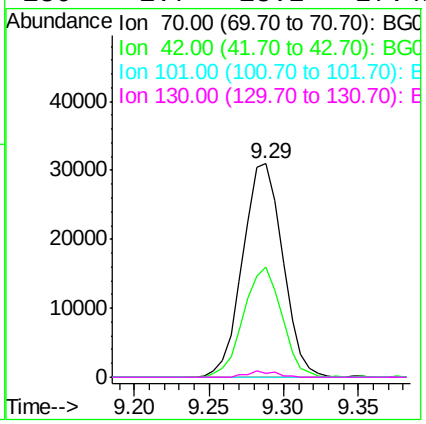


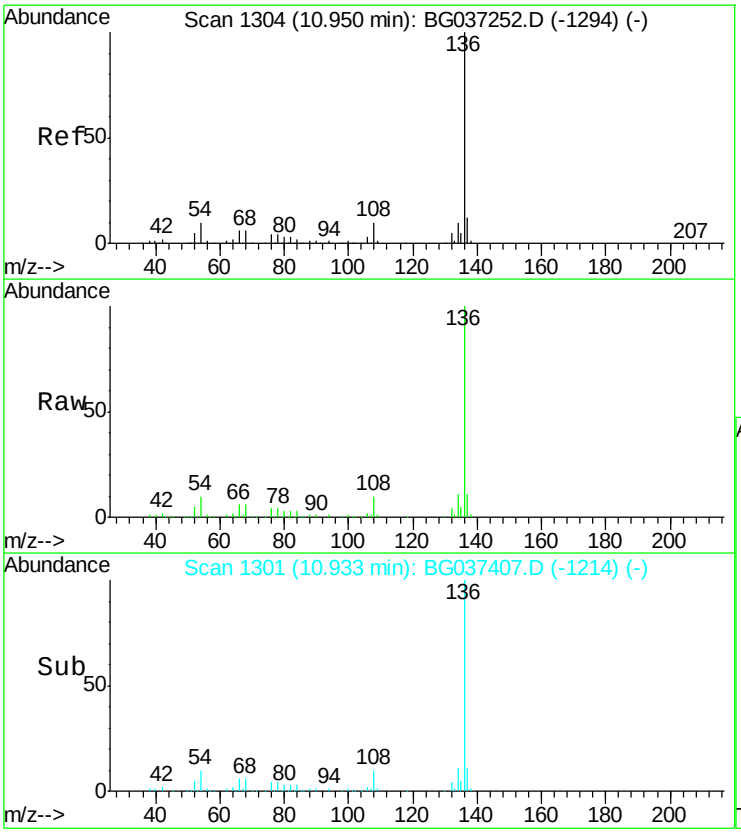
#19
n-Nitroso-di-n-propylamine
Concen: 14.741 ng
RT: 9.29 min Scan# 1021
Delta R.T. 0.36 min
Lab File: BG037407.D
Acq: 18 Oct 2018 1:58

Instrument :
BNA_G
ClientSampleId :
101518-SIDI-E-U-S

Tgt Ion: 70 Resp: 57673

Ion	Ratio	Lower	Upper
70	100		
42	51.8	53.9	80.9#
101	0.0	8.2	12.2#
130	1.7	18.2	27.4#

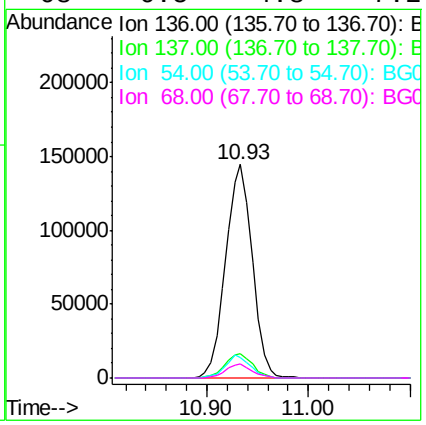


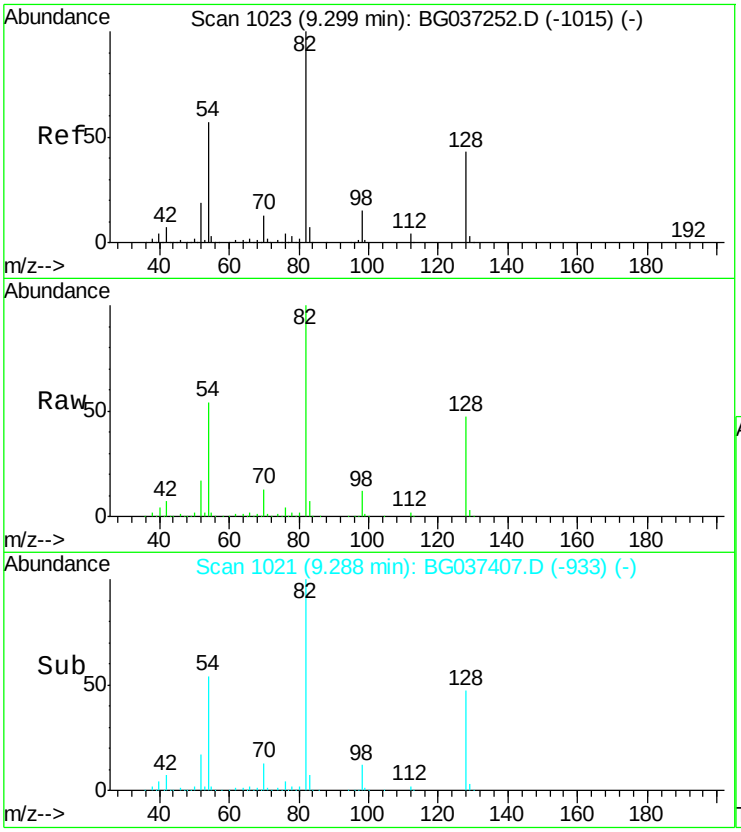


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BG037407.D
Acq: 18 Oct 2018 1:58

Tgt Ion:136 Resp: 262168

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.6	14.4
54	9.8	7.9	11.9
68	6.5	4.8	7.2



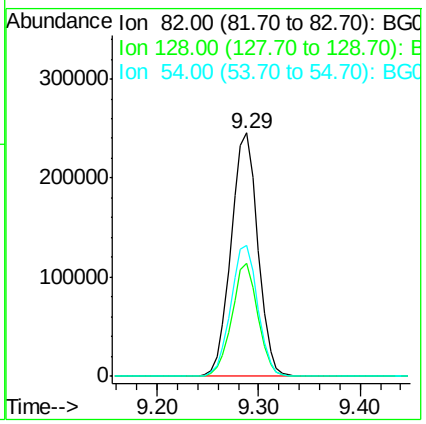


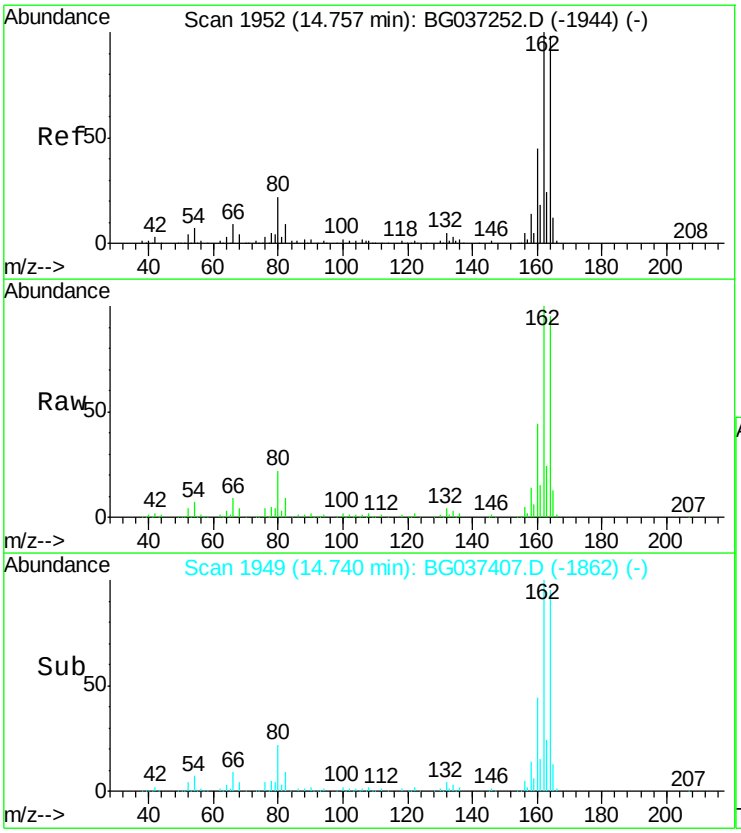
#23
Nitrobenzene-d5
Concen: 113.342 ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG037407.D
Acq: 18 Oct 2018 1:58

Instrument :
BNA_G
ClientSampleId :
101518-SIDI-E-U-S

Tgt Ion: 82 Resp: 451969

Ion	Ratio	Lower	Upper
82	100		
128	46.6	34.6	51.8
54	53.7	45.3	67.9

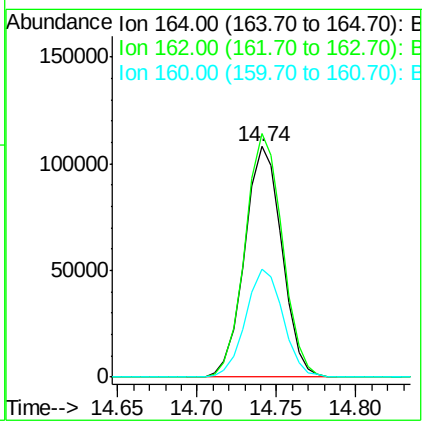


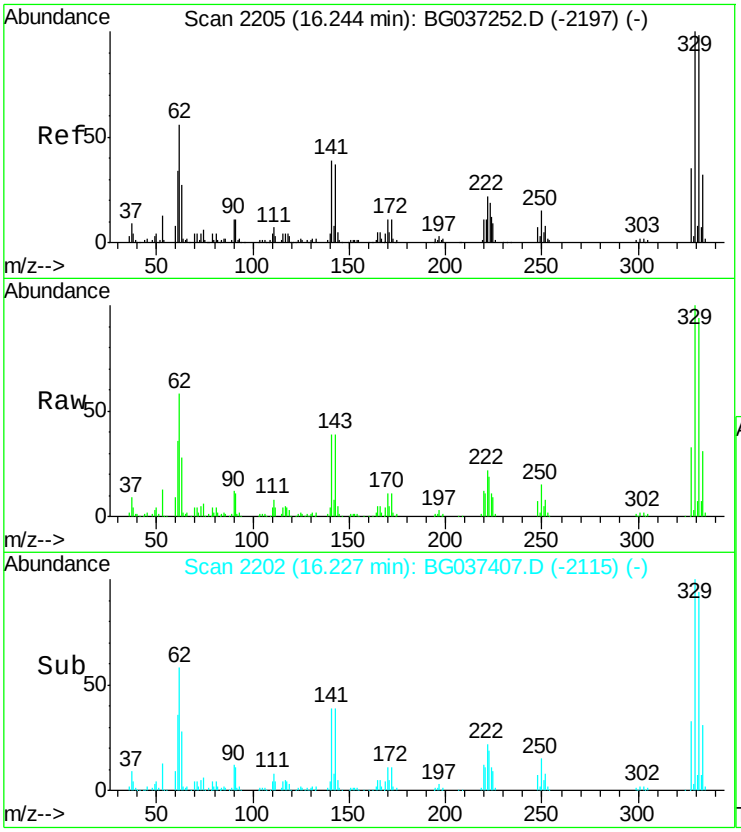


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1949
Delta R.T. -0.02 min
Lab File: BG037407.D
Acq: 18 Oct 2018 1:58

Tgt Ion:164 Resp: 176419

Ion	Ratio	Lower	Upper
164	100		
162	105.6	81.3	121.9
160	46.6	36.3	54.5



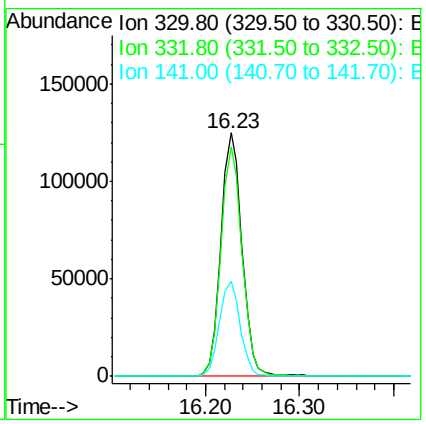


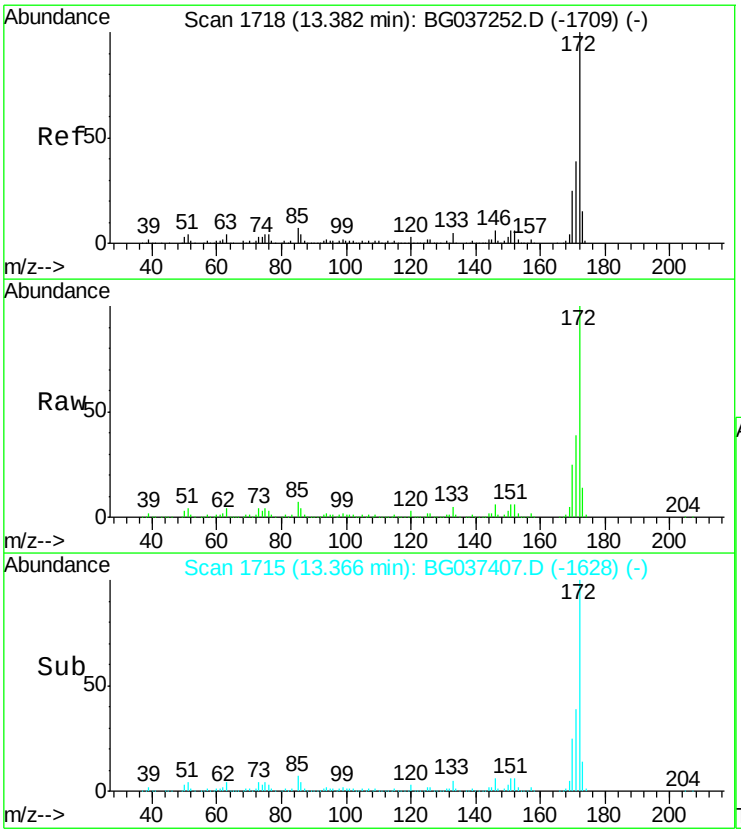
#42
2,4,6-Tribromophenol
Concen: 113.403 ng
RT: 16.23 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BG037407.D
Acq: 18 Oct 2018 1:58

Instrument :
BNA_G
ClientSampleId :
101518-SIDI-E-U-S

Tgt Ion:330 Resp: 196207

Ion	Ratio	Lower	Upper
330	100		
332	93.8	78.4	117.6
141	38.7	32.2	48.2

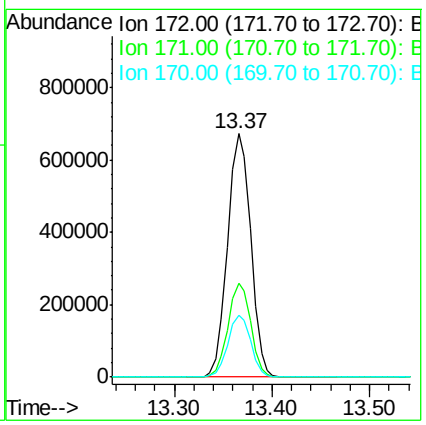


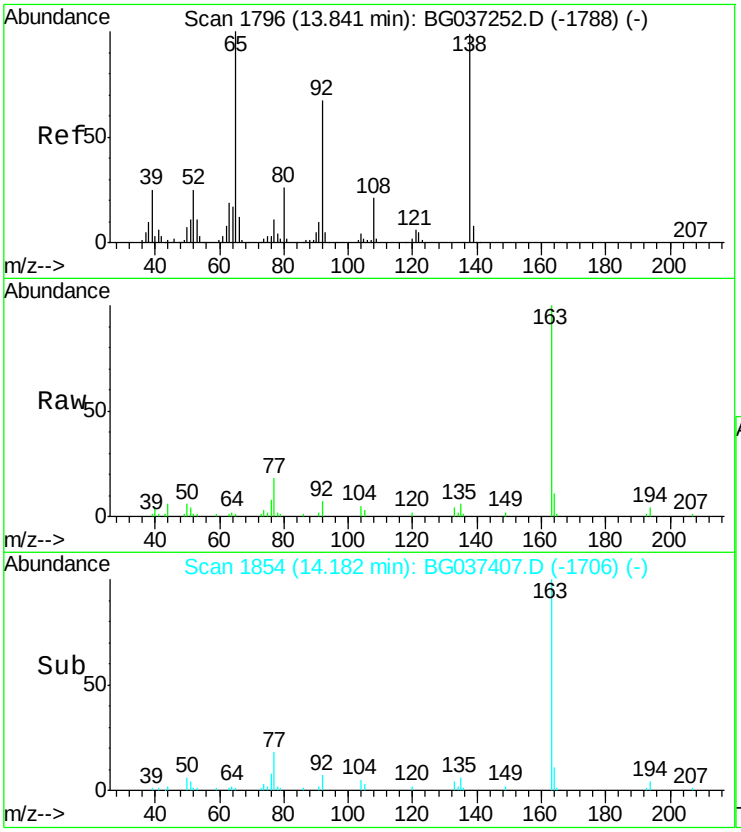


#45
2-Fluorobiphenyl
Concen: 94.159 ng
RT: 13.37 min Scan# 1715
Delta R.T. -0.02 min
Lab File: BG037407.D
Acq: 18 Oct 2018 1:58

Tgt Ion:172 Resp: 1106129

Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.0	46.4
170	25.4	20.2	30.2



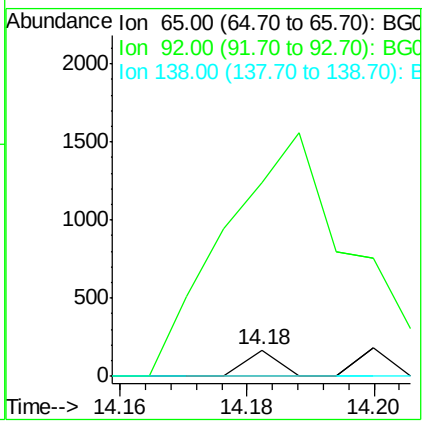


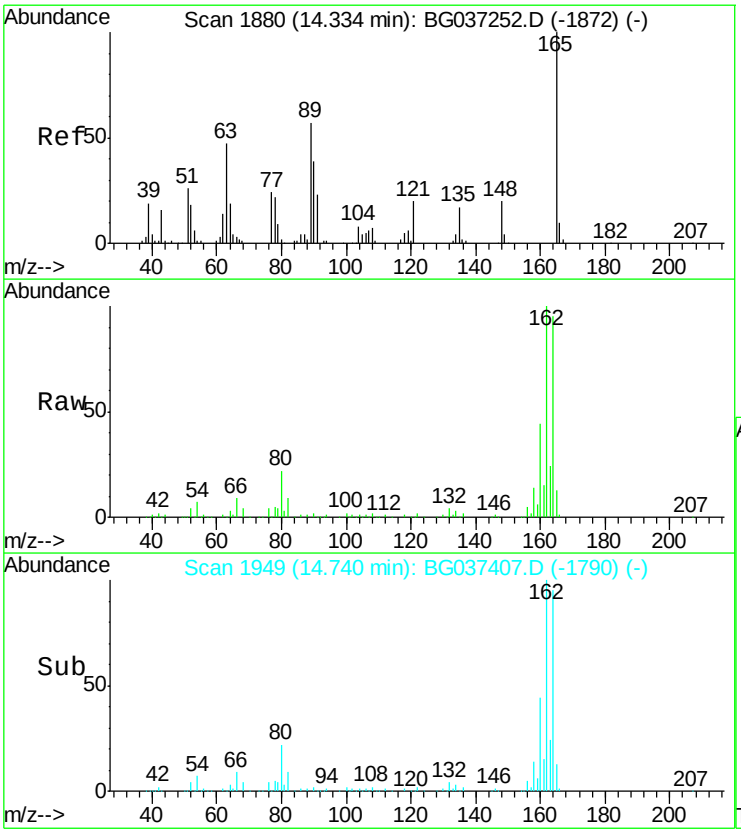
#48
2-Nitroaniline
Concen: 5.773 ng
RT: 14.18 min Scan# 1854
Delta R.T. 0.34 min
Lab File: BG037407.D
Acq: 18 Oct 2018 1:58

Instrument :
BNA_G
ClientSampleId :
101518-SIDI-E-U-S

Tgt Ion: 65 Resp: 59

Ion	Ratio	Lower	Upper
65	100		
92	743.7	53.2	79.8#
138	0.0	79.3	118.9#

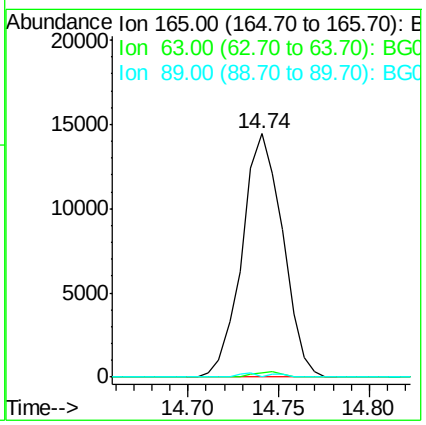


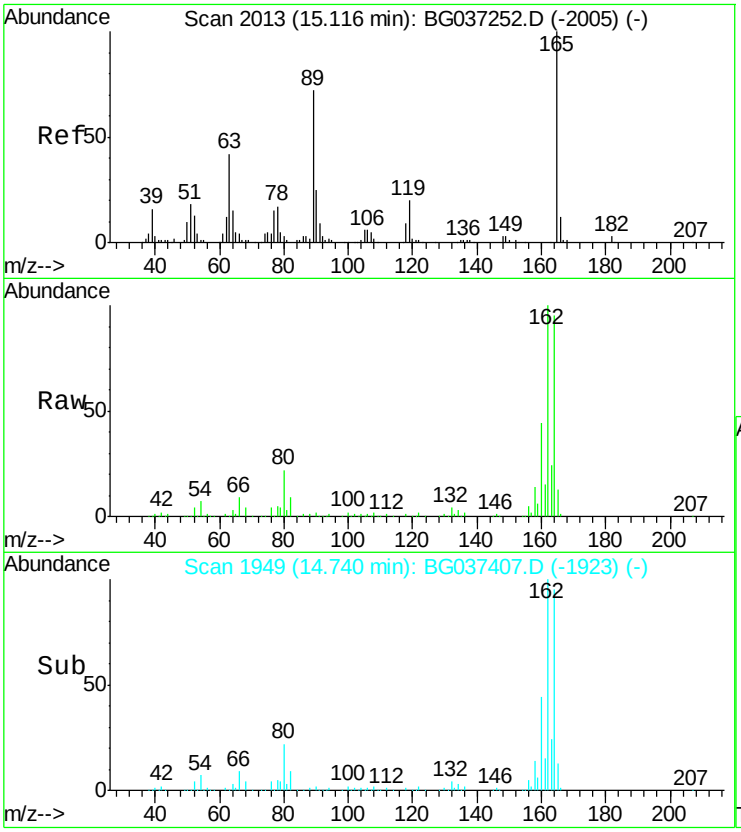


#51
2,6-Dinitrotoluene
Concen: 12.325 ng
RT: 14.74 min Scan# 1949
Delta R.T. 0.41 min
Lab File: BG037407.D
Acq: 18 Oct 2018 1:58

Tgt Ion:165 Resp: 22490

Ion	Ratio	Lower	Upper
165	100		
63	1.8	43.4	65.2#
89	0.0	45.8	68.6#



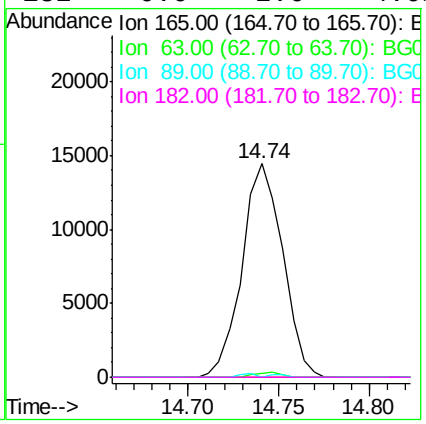


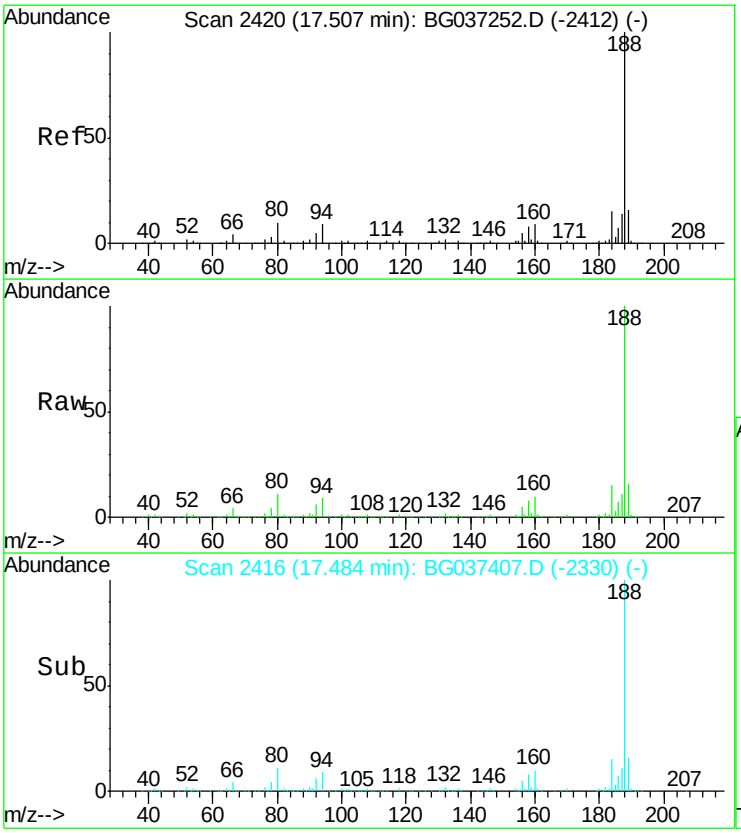
#57
2,4-Dinitrotoluene
Concen: 11.198 ng
RT: 14.74 min Scan# 1949
Delta R.T. -0.37 min
Lab File: BG037407.D
Acq: 18 Oct 2018 1:58

Instrument :
BNA_G
ClientSampleId :
101518-SIDI-E-U-S

Tgt Ion:165 Resp: 22490

Ion	Ratio	Lower	Upper
165	100		
63	1.8	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#

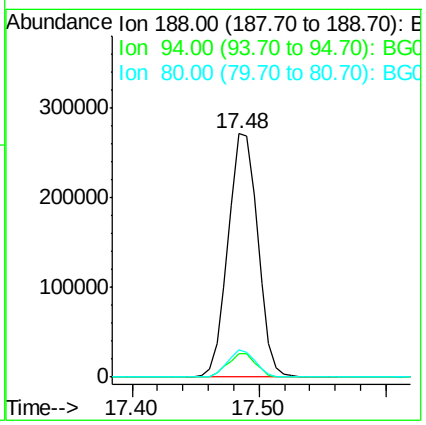


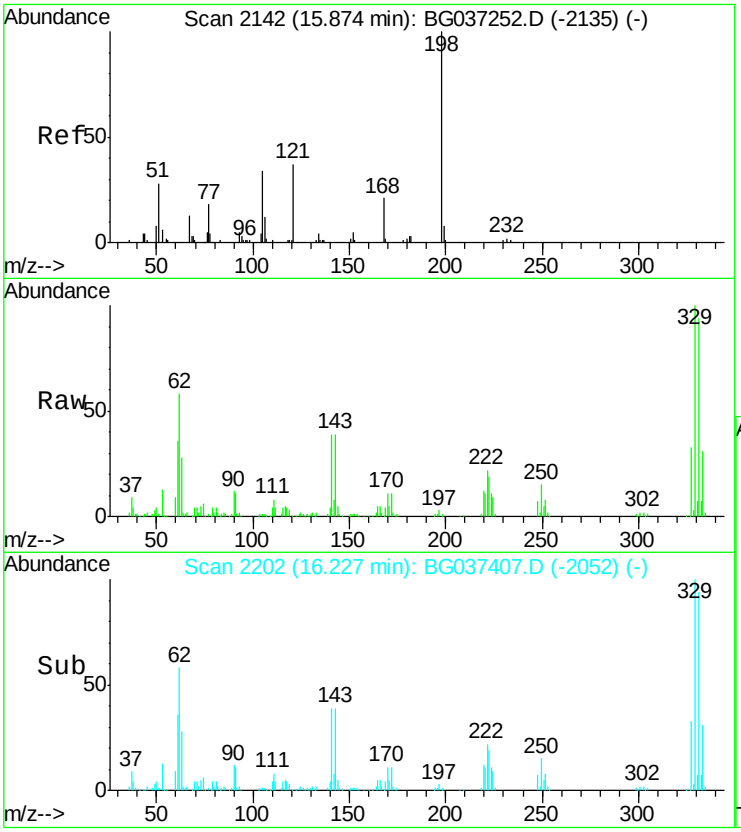


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.02 min
Lab File: BG037407.D
Acq: 18 Oct 2018 1:58

Tgt Ion:188 Resp: 439695

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.2	10.8
80	11.3	7.7	11.5



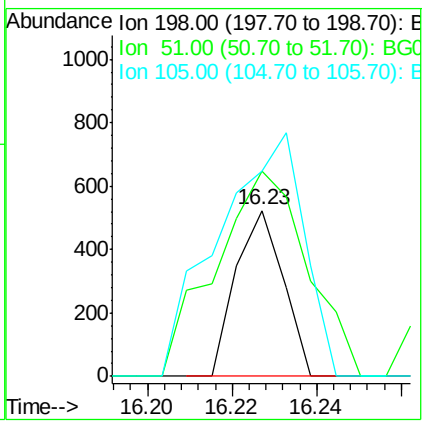


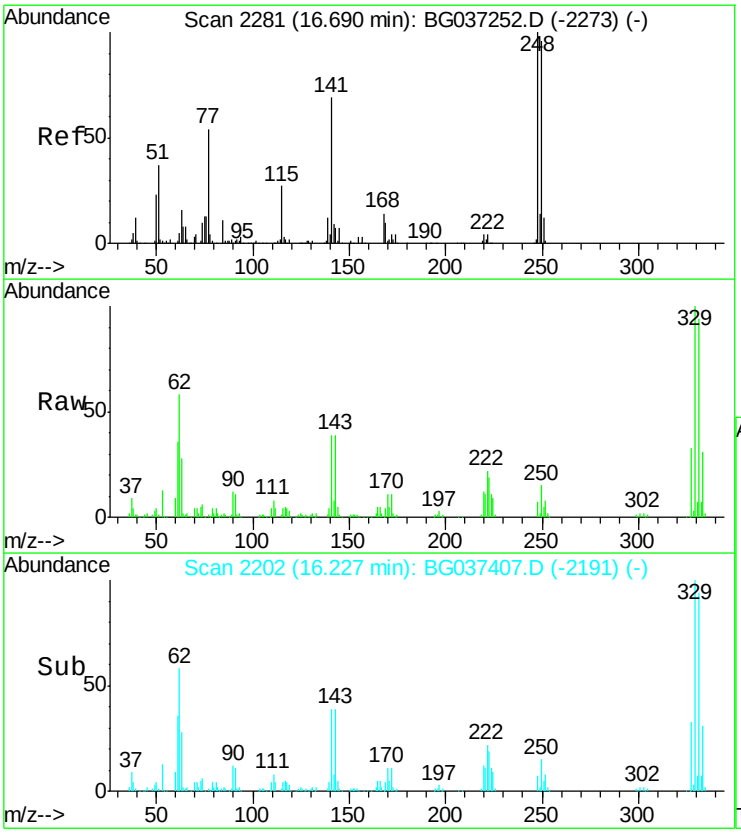
#65
4,6-Dinitro-2-methylphenol
Concen: 6.203 ng
RT: 16.23 min Scan# 2202
Delta R.T. 0.35 min
Lab File: BG037407.D
Acq: 18 Oct 2018 1:58

Instrument :
BNA_G
ClientSampleId :
101518-SIDI-E-U-S

Tgt Ion:198 Resp: 405

Ion	Ratio	Lower	Upper
198	100		
51	32.6	22.7	62.7
105	32.6	19.7	59.7

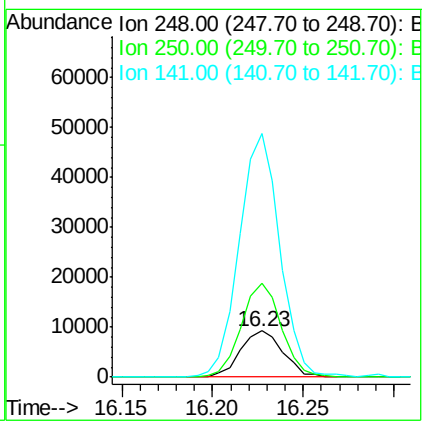


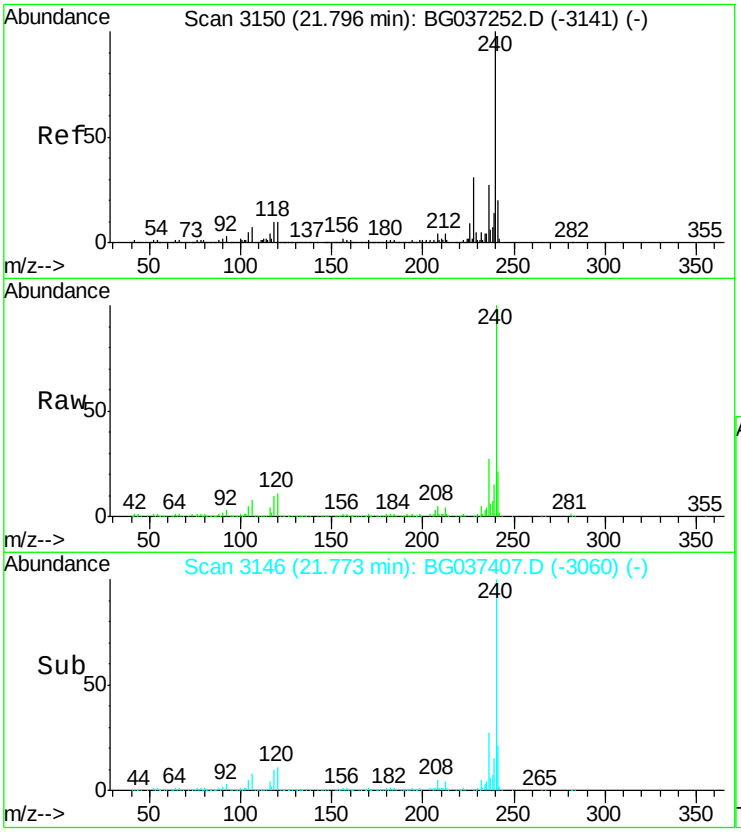


#67
4-Bromophenyl-phenylether
Concen: 3.181 ng
RT: 16.23 min Scan# 2202
Delta R.T. -0.46 min
Lab File: BG037407.D
Acq: 18 Oct 2018 1:58

Tgt Ion:248 Resp: 15097

Ion	Ratio	Lower	Upper
248	100		
250	208.5	77.0	115.6#
141	412.2	55.5	83.3#



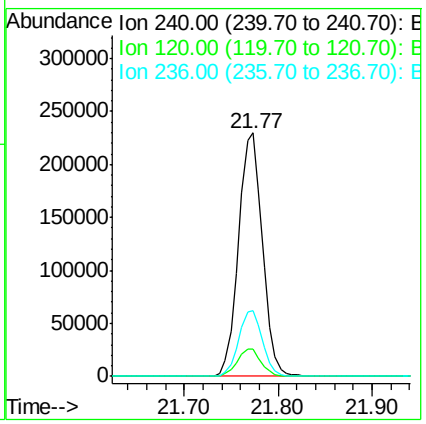


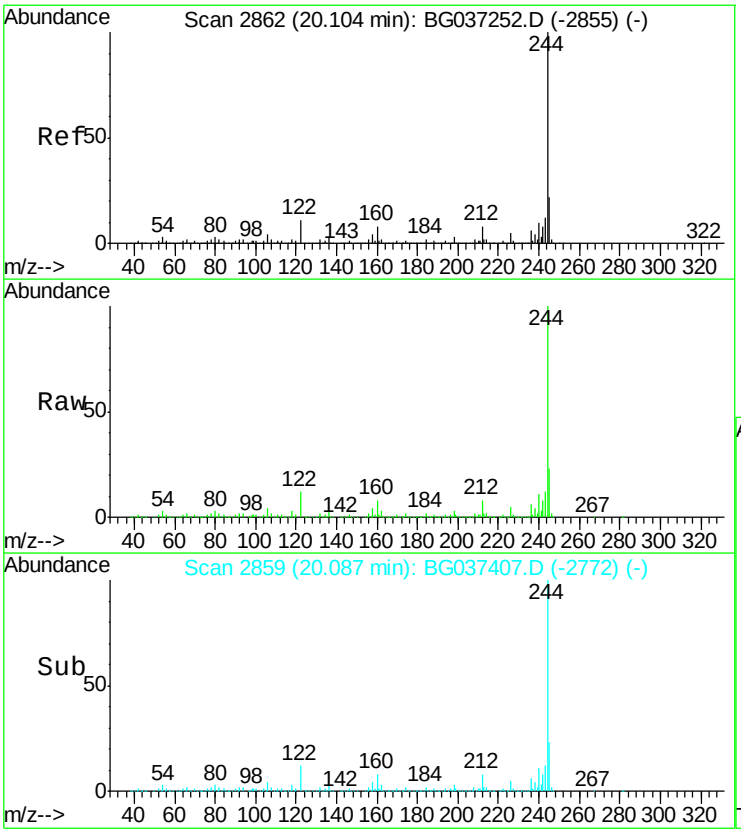
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3146
Delta R.T. -0.02 min
Lab File: BG037407.D
Acq: 18 Oct 2018 1:58

Instrument :
BNA_G
ClientSampleId :
101518-SIDI-E-U-S

Tgt Ion:240 Resp: 404570

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.1	12.1
236	27.0	21.4	32.0

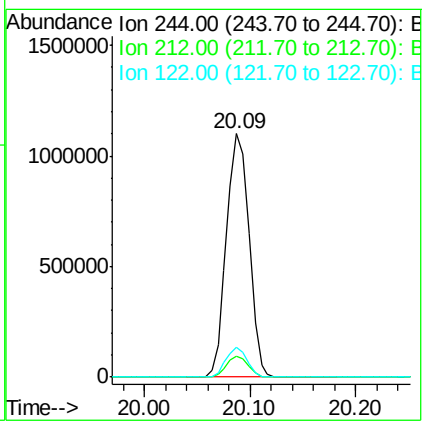


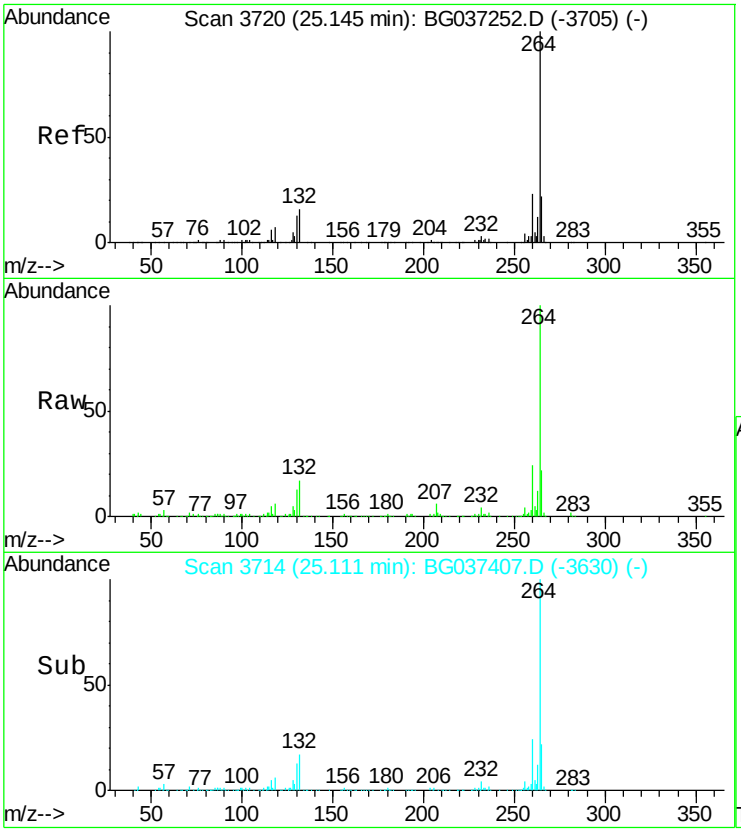


#79
Terphenyl-d14
Concen: 84.493 ng
RT: 20.09 min Scan# 2859
Delta R.T. -0.02 min
Lab File: BG037407.D
Acq: 18 Oct 2018 1:58

Tgt Ion:244 Resp: 1627979

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.5	9.7
122	12.4	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3714
Delta R.T. -0.03 min
Lab File: BG037407.D
Acq: 18 Oct 2018 1:58

Instrument :
BNA_G
ClientSampleId :
101518-SIDI-E-U-S

Tgt Ion:264 Resp: 408024

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.2	27.4
265	21.8	17.9	26.9