Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101718\
Data File : BG037395.D
Acq On : 17 Oct 2018 18:10
Operator : JU/SJ
Sample : J5518-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GSTS

Quant Time: Oct 18 11:42:53 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	64091	20.00	ng		-0.01
21) Naphthalene-d8	10.93	136	278920	20.00	ng		-0.02
39) Acenaphthene-d10	14.74	164	192412	20.00	ng		-0.01
64) Phenanthrene-d10	17.49	188	488465	20.00	ng		-0.02
76) Chrysene-d12	21.77	240	453922	20.00	ng		-0.02
87) Perylene-d12	25.11	264	460196	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	404446	111.06	ng		0.00
7) Phenol-d6	7.25	99	600100	108.57	ng		0.00
23) Nitrobenzene-d5	9.29	82	341568	80.51	ng		-0.01
42) 2,4,6-Tribromophenol	16.23	330	210550	111.58	ng		-0.01
45) 2-Fluorobiphenyl	13.37	172	750379	58.57	ng		-0.01
79) Terphenyl-d14	20.09	244	1237506	57.24	ng		-0.01
Target Compounds							Qvalue
10) Phenol	7.28	94	25313	4.348	ng		94
19) n-Nitroso-di-n-propylamine	9.29	70	42127	10.066	ng	#	72
48) 2-Nitroaniline	14.19	65	1179	6.075	ng	#	1
50) Dimethylphthalate	14.19	163	115938	7.667	ng		100
51) 2,6-Dinitrotoluene	14.19	165	1215	5.183	ng	#	6
57) 2,4-Dinitrotoluene	14.74	165	24415	11.170	ng	#	26
65) 4,6-Dinitro-2-methylphenol	16.22	198	767	6.385	ng		79
67) 4-Bromophenyl-phenylether	16.22	248	15894	3.015	ng	#	1

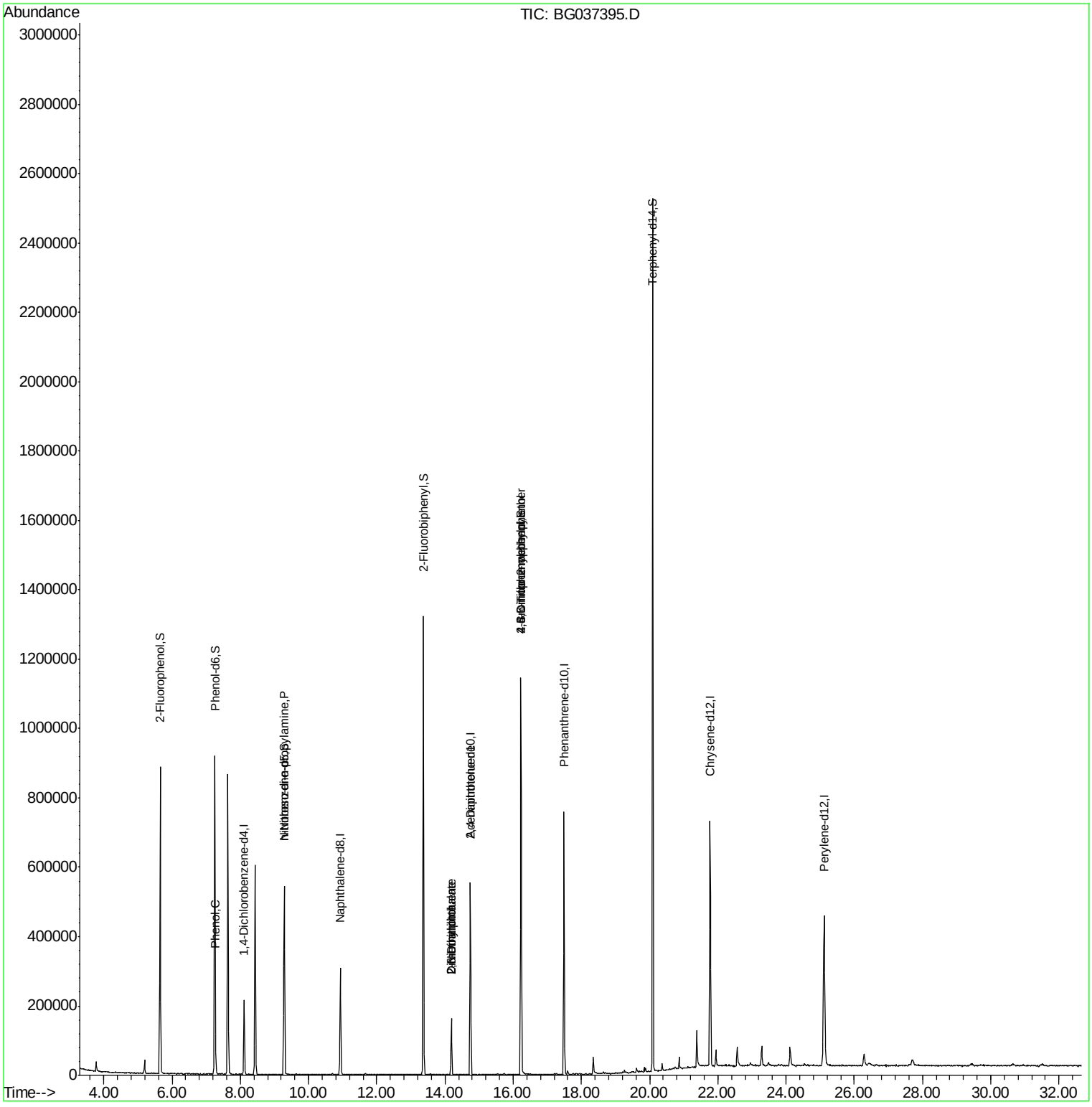
(#) = qualifier out of range (m) = manual integration (+) = signals summed

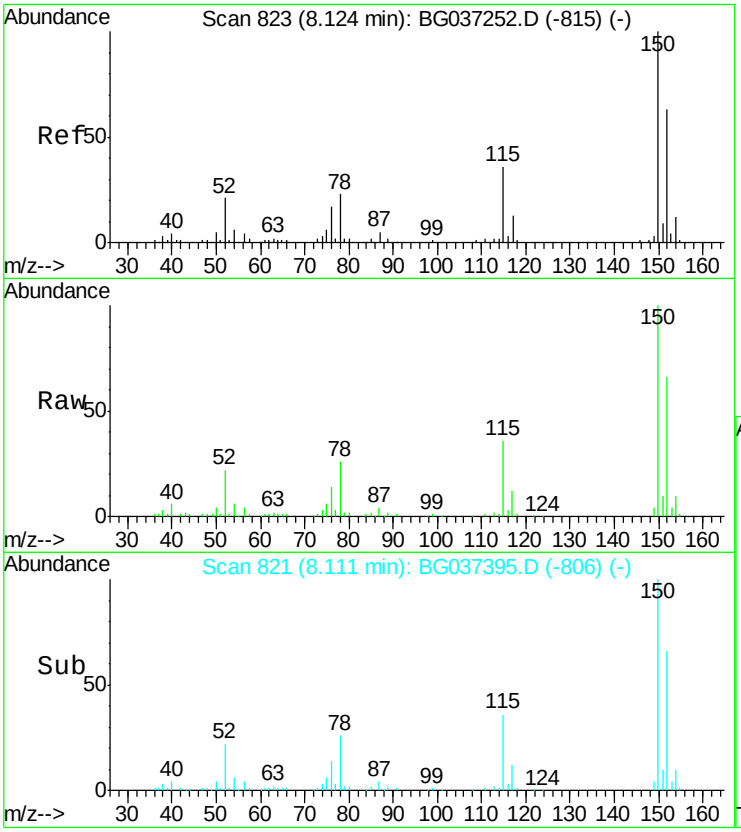
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101718\
Data File : BG037395.D
Acq On : 17 Oct 2018 18:10
Operator : JU/SJ
Sample : J5518-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GSTS

Quant Time: Oct 18 11:42:53 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



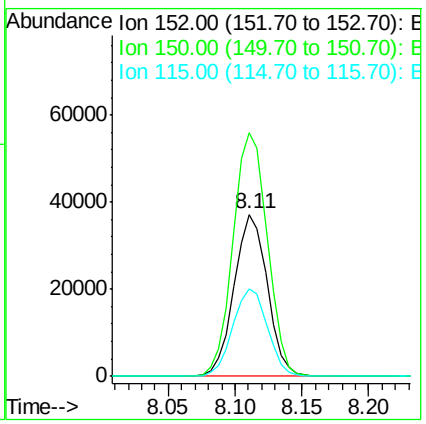


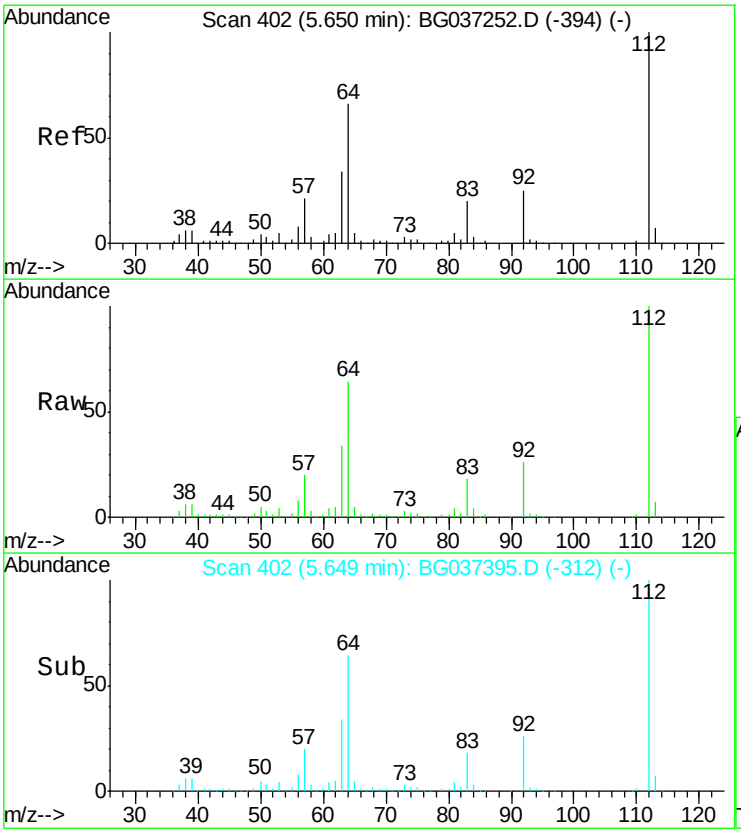
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG037395.D
Acq: 17 Oct 2018 18:10

Instrument :
BNA_G
ClientSampleId :
GSTS

Tgt Ion:152 Resp: 64091

Ion	Ratio	Lower	Upper
152	100		
150	150.5	126.0	189.0
115	54.0	45.5	68.3

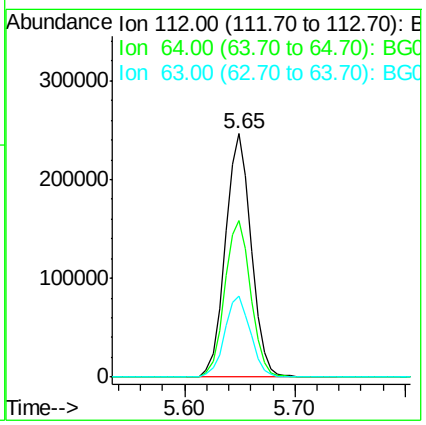


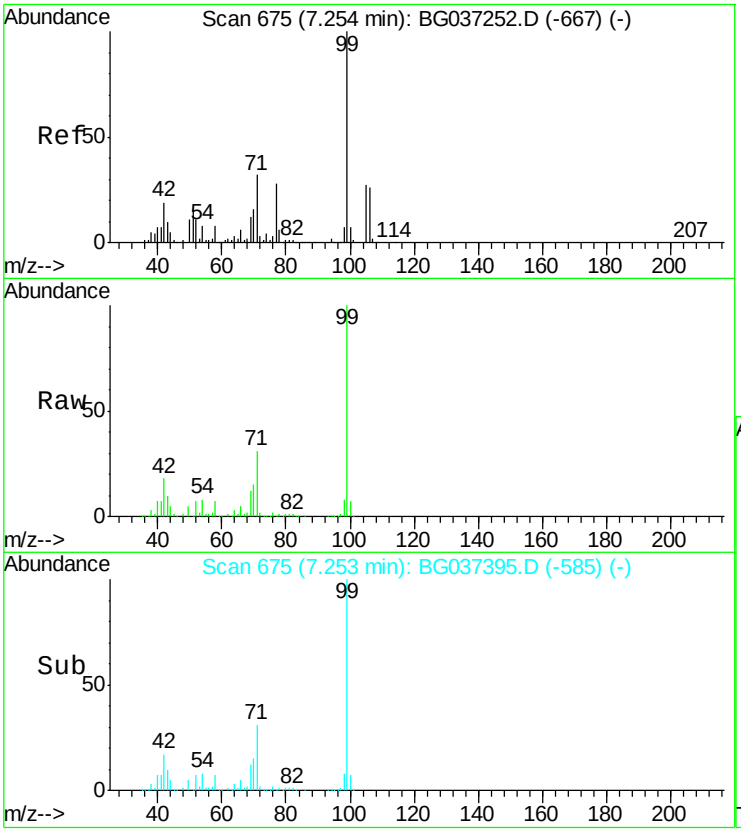


#5
2-Fluorophenol
Concen: 111.059 ng
RT: 5.65 min Scan# 402
Delta R.T. -0.00 min
Lab File: BG037395.D
Acq: 17 Oct 2018 18:10

Tgt Ion:112 Resp: 404446

Ion	Ratio	Lower	Upper
112	100		
64	64.5	53.1	79.7
63	33.5	27.3	40.9



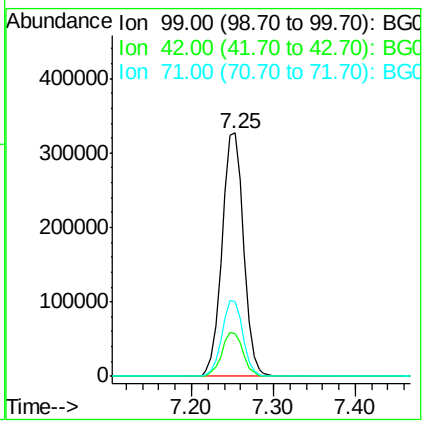


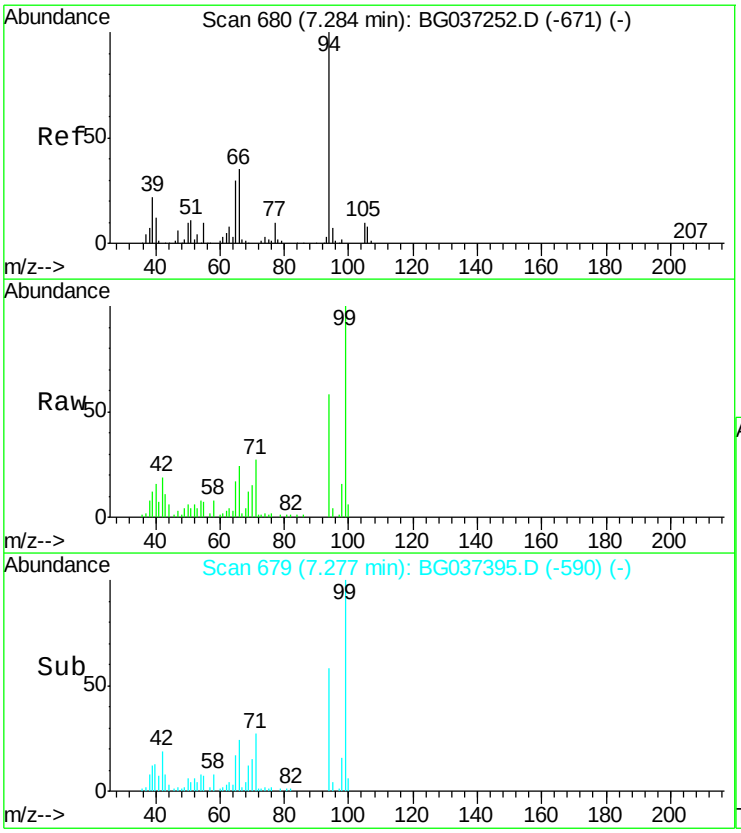
#7
Phenol-d6
Concen: 108.565 ng
RT: 7.25 min Scan# 675
Delta R.T. -0.00 min
Lab File: BG037395.D
Acq: 17 Oct 2018 18:10

Instrument :
BNA_G
ClientSampleId :
GSTS

Tgt Ion: 99 Resp: 600100

Ion	Ratio	Lower	Upper
99	100		
42	17.5	15.0	22.4
71	30.7	25.5	38.3

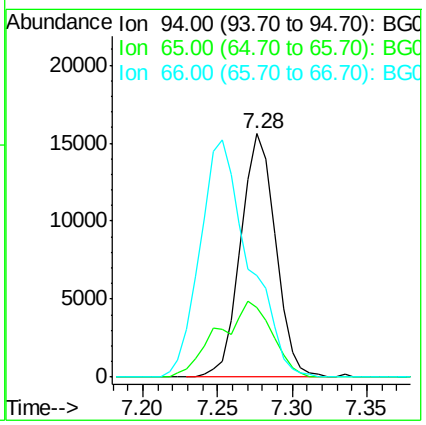


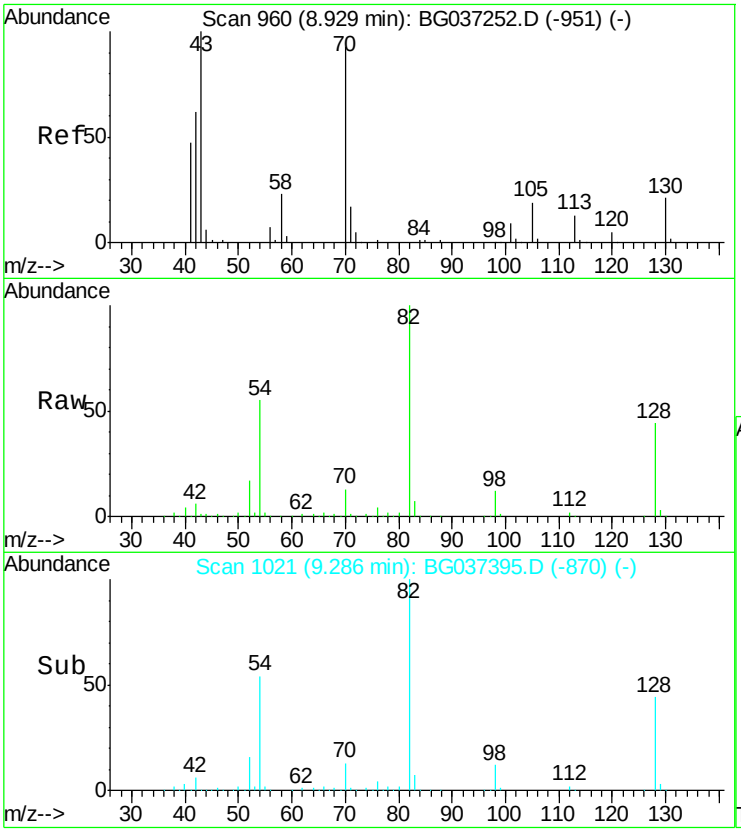


#10
Phenol
Concen: 4.348 ng
RT: 7.28 min Scan# 679
Delta R.T. -0.01 min
Lab File: BG037395.D
Acq: 17 Oct 2018 18:10

Tgt Ion: 94 Resp: 25313

Ion	Ratio	Lower	Upper
94	100		
65	28.8	9.7	49.7
66	41.5	15.9	55.9



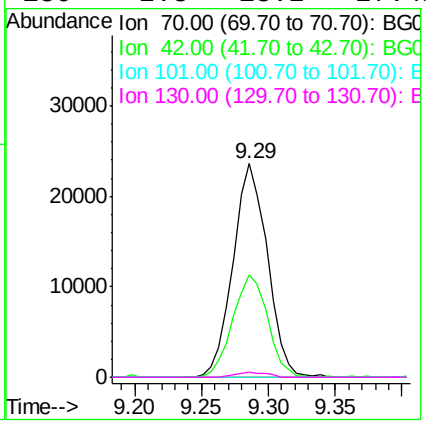


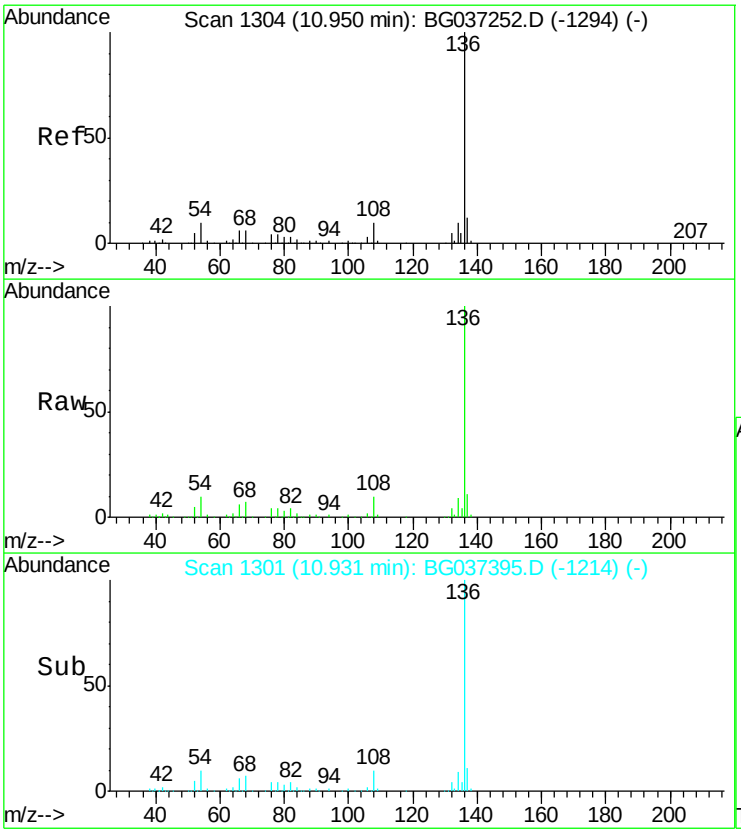
#19
n-Nitroso-di-n-propylamine
Concen: 10.066 ng
RT: 9.29 min Scan# 1021
Delta R.T. 0.36 min
Lab File: BG037395.D
Acq: 17 Oct 2018 18:10

Instrument :
BNA_G
ClientSampleId :
GSTS

Tgt Ion: 70 Resp: 42127

Ion	Ratio	Lower	Upper
70	100		
42	48.3	53.9	80.9#
101	0.0	8.2	12.2#
130	2.3	18.2	27.4#

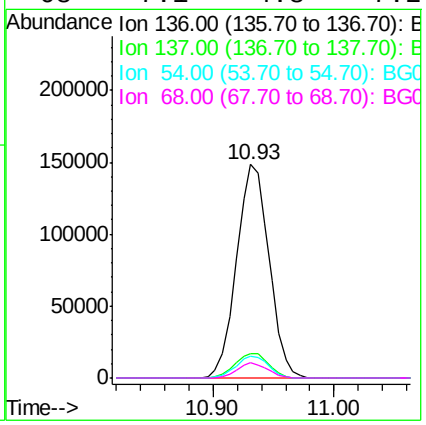


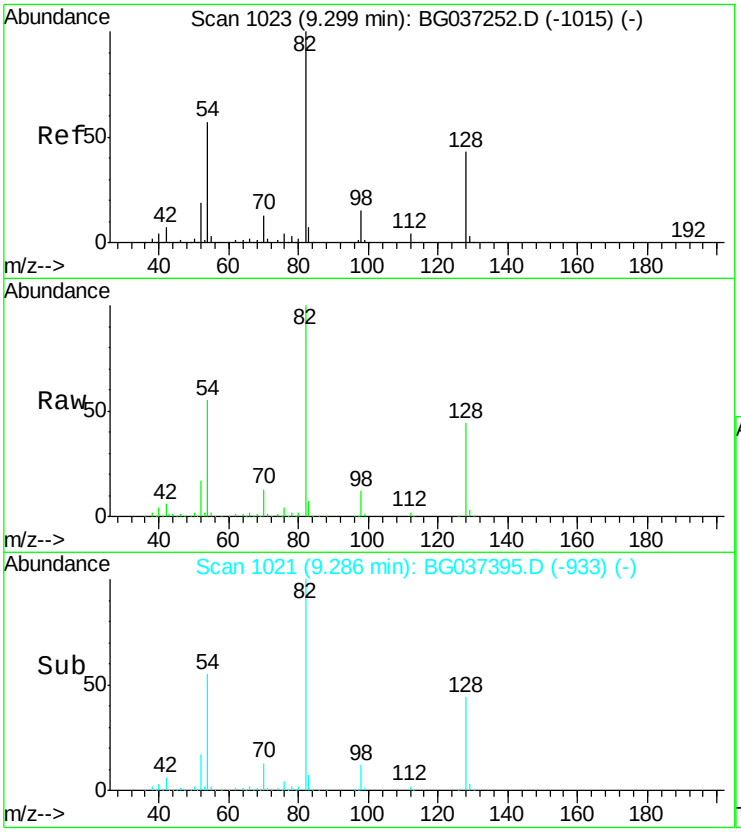


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BG037395.D
Acq: 17 Oct 2018 18:10

Tgt Ion:136 Resp: 278920

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.6	14.4
54	10.1	7.9	11.9
68	7.1	4.8	7.2



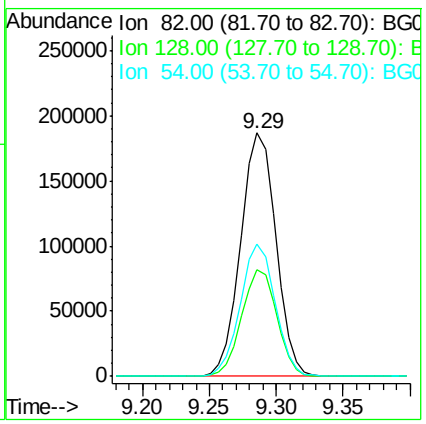


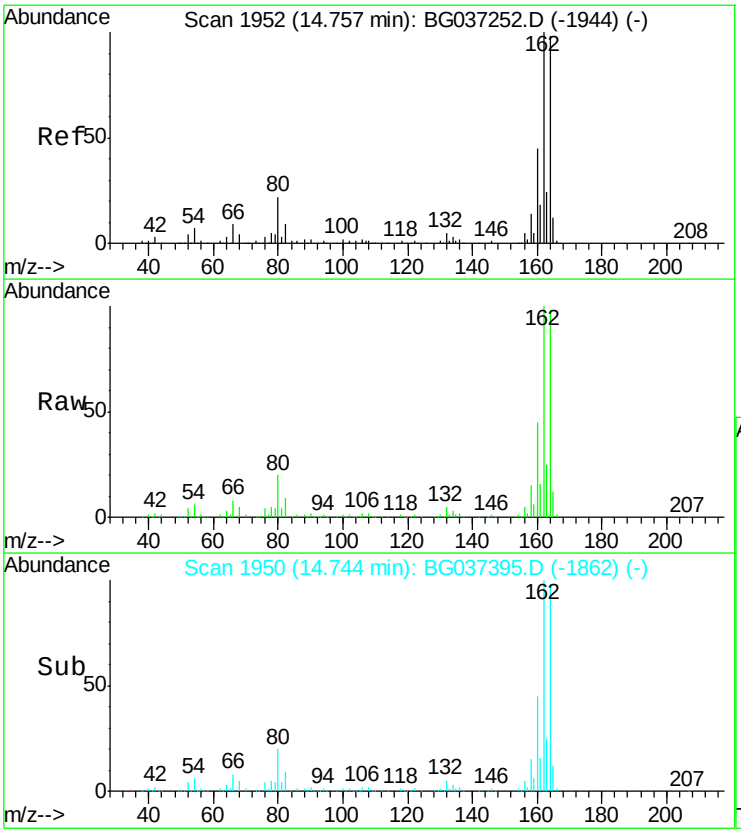
#23
Nitrobenzene-d5
Concen: 80.512 ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG037395.D
Acq: 17 Oct 2018 18:10

Instrument :
BNA_G
ClientSampleId :
GSTS

Tgt Ion: 82 Resp: 341568

Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.6	51.8
54	54.5	45.3	67.9

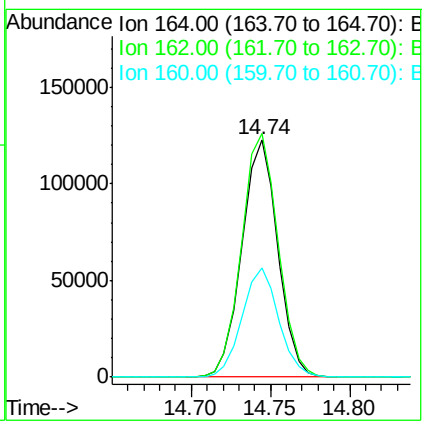


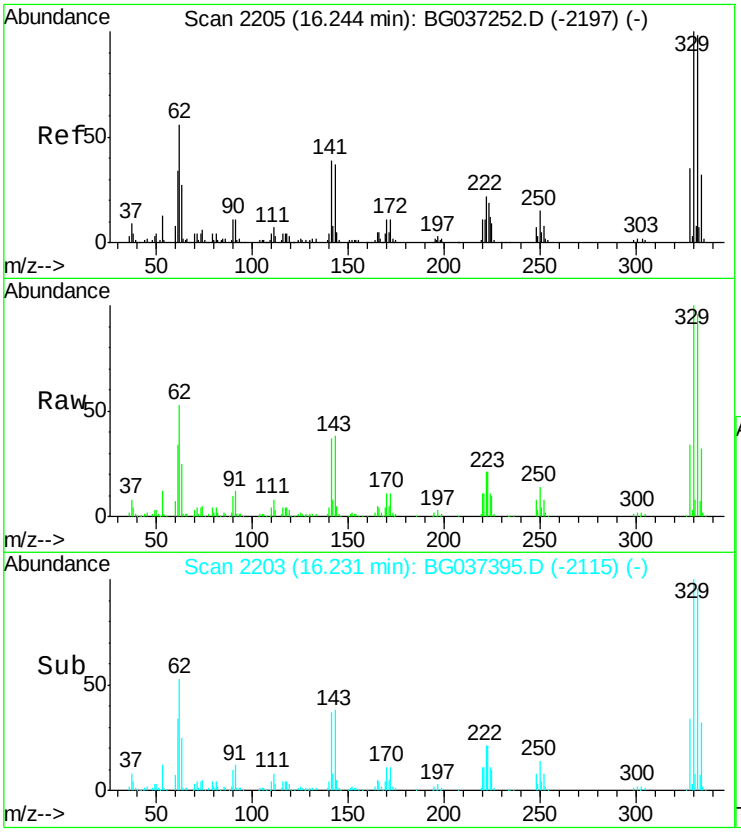


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG037395.D
Acq: 17 Oct 2018 18:10

Tgt Ion:164 Resp: 192412

Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.3	121.9
160	46.0	36.3	54.5



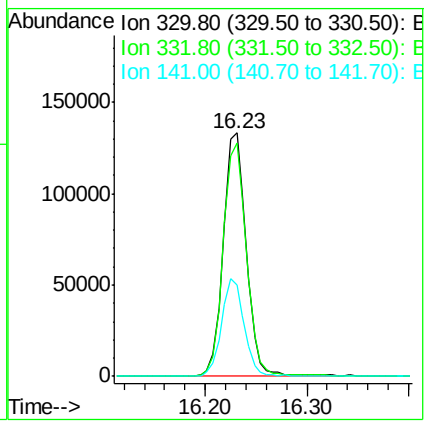


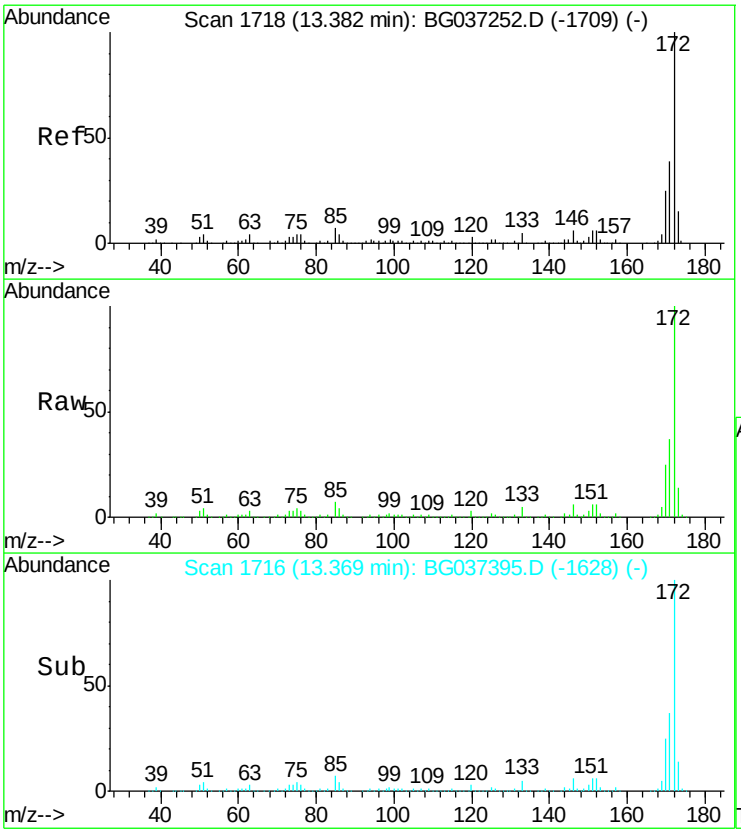
#42
2,4,6-Tribromophenol
Concen: 111.578 ng
RT: 16.23 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BG037395.D
Acq: 17 Oct 2018 18:10

Instrument :
BNA_G
ClientSampleId :
GSTS

Tgt Ion:330 Resp: 210550

Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.4	117.6
141	39.4	32.2	48.2

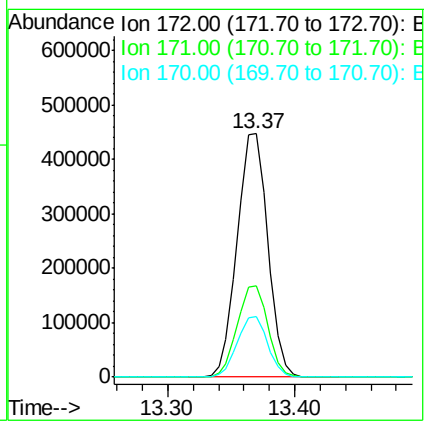


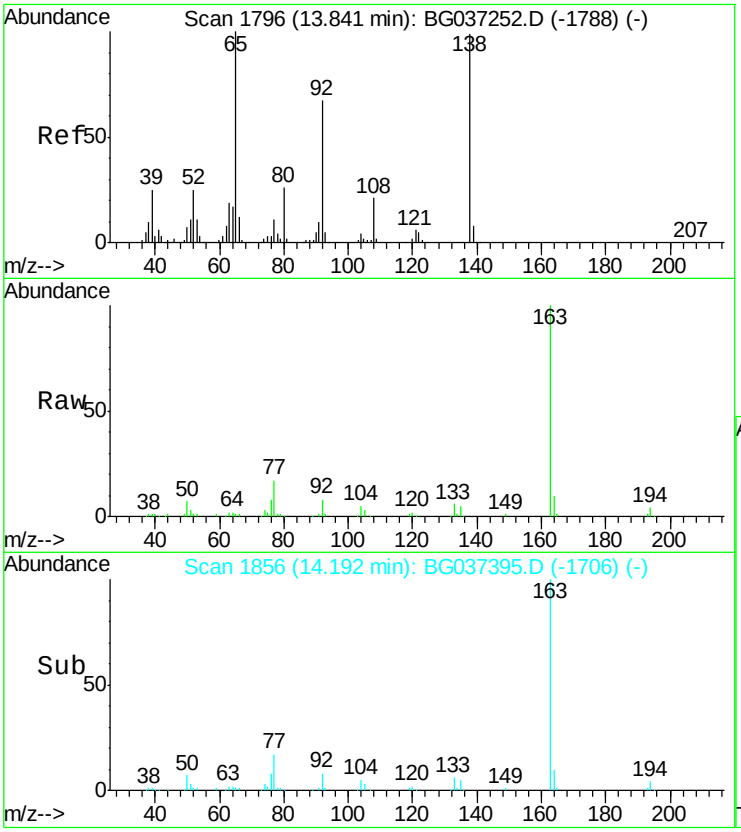


#45
2-Fluorobiphenyl
Concen: 58.567 ng
RT: 13.37 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BG037395.D
Acq: 17 Oct 2018 18:10

Tgt Ion:172 Resp: 750379

Ion	Ratio	Lower	Upper
172	100		
171	37.3	31.0	46.4
170	24.8	20.2	30.2



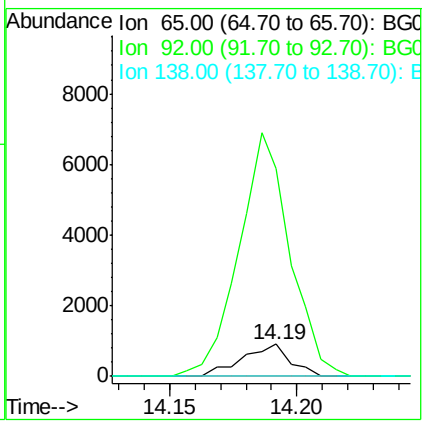


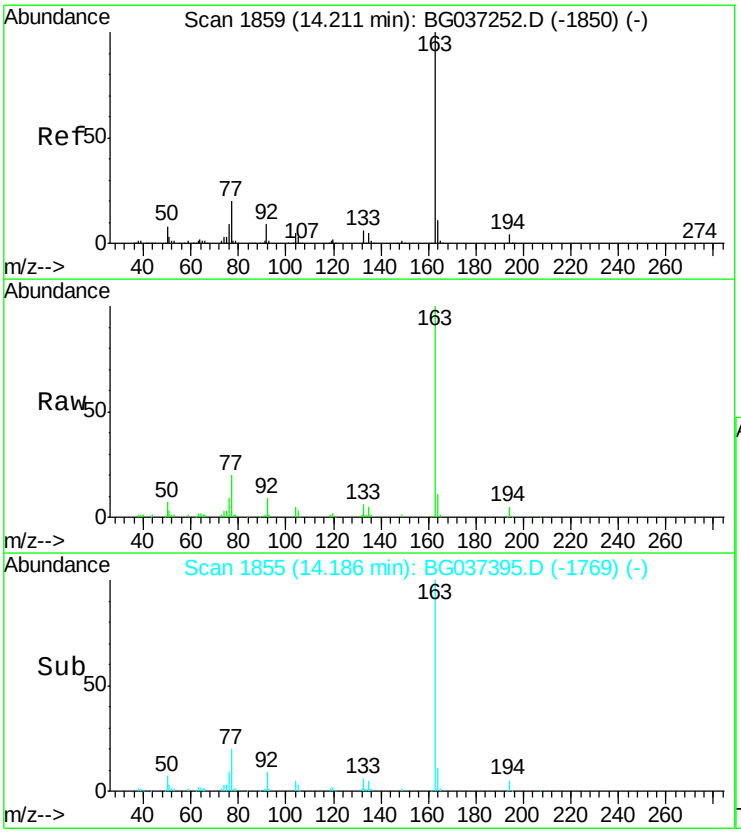
#48
2-Nitroaniline
Concen: 6.075 ng
RT: 14.19 min Scan# 1856
Delta R.T. 0.35 min
Lab File: BG037395.D
Acq: 17 Oct 2018 18:10

Instrument :
BNA_G
ClientSampleId :
GSTS

Tgt Ion: 65 Resp: 1179

Ion	Ratio	Lower	Upper
65	100		
92	649.5	53.2	79.8#
138	0.0	79.3	118.9#

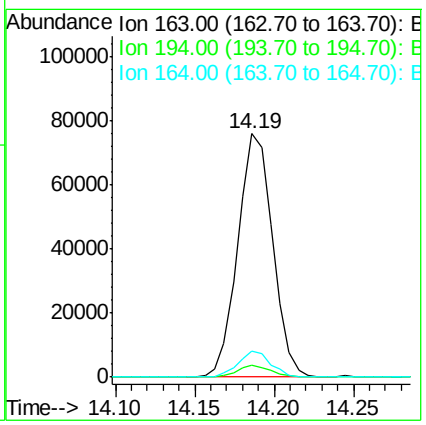


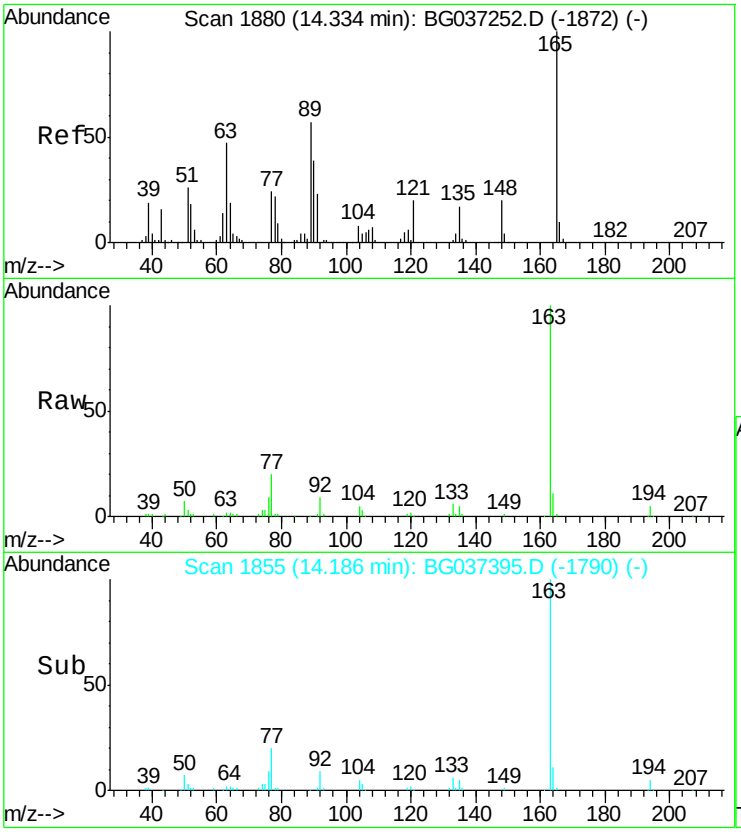


#50
Dimethylphthalate
Concen: 7.667 ng
RT: 14.19 min Scan# 1855
Delta R.T. -0.02 min
Lab File: BG037395.D
Acq: 17 Oct 2018 18:10

Tgt Ion:163 Resp: 115938

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.5	5.3
164	10.6	8.5	12.7



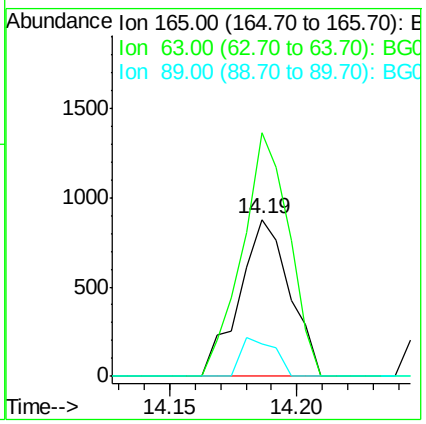


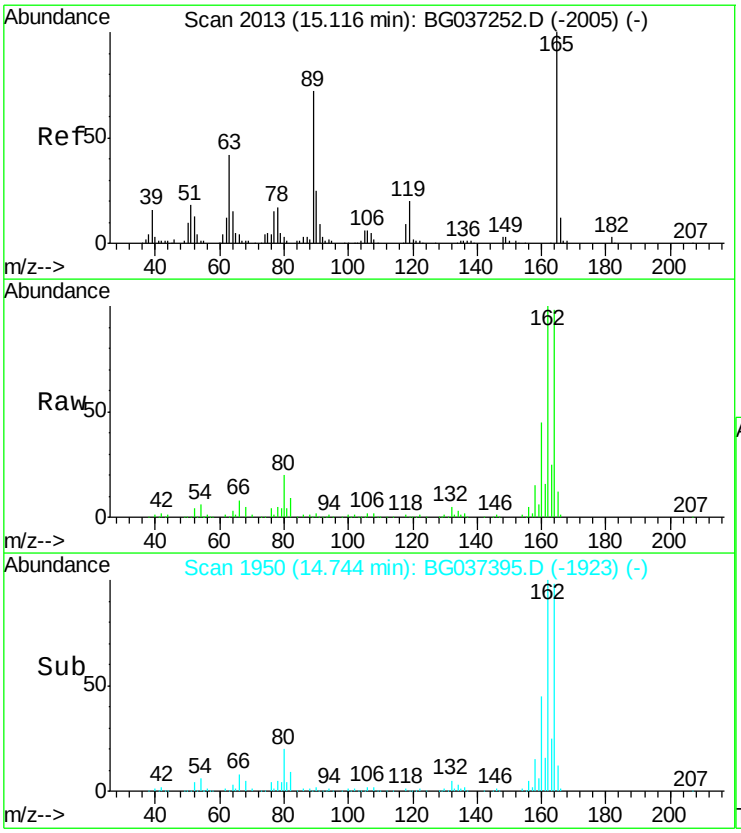
#51
2,6-Dinitrotoluene
Concen: 5.183 ng
RT: 14.19 min Scan# 1855
Delta R.T. -0.15 min
Lab File: BG037395.D
Acq: 17 Oct 2018 18:10

Instrument :
BNA_G
ClientSampleId :
GSTS

Tgt Ion:165 Resp: 1215

Ion	Ratio	Lower	Upper
165	100		
63	155.2	43.4	65.2#
89	20.5	45.8	68.6#

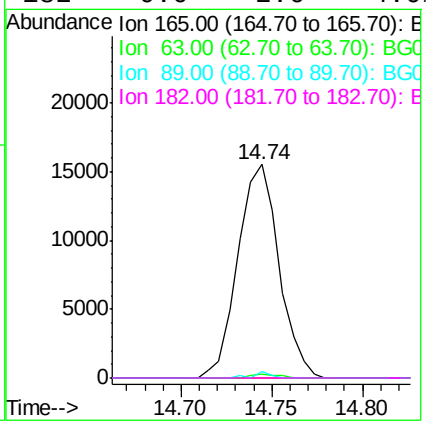


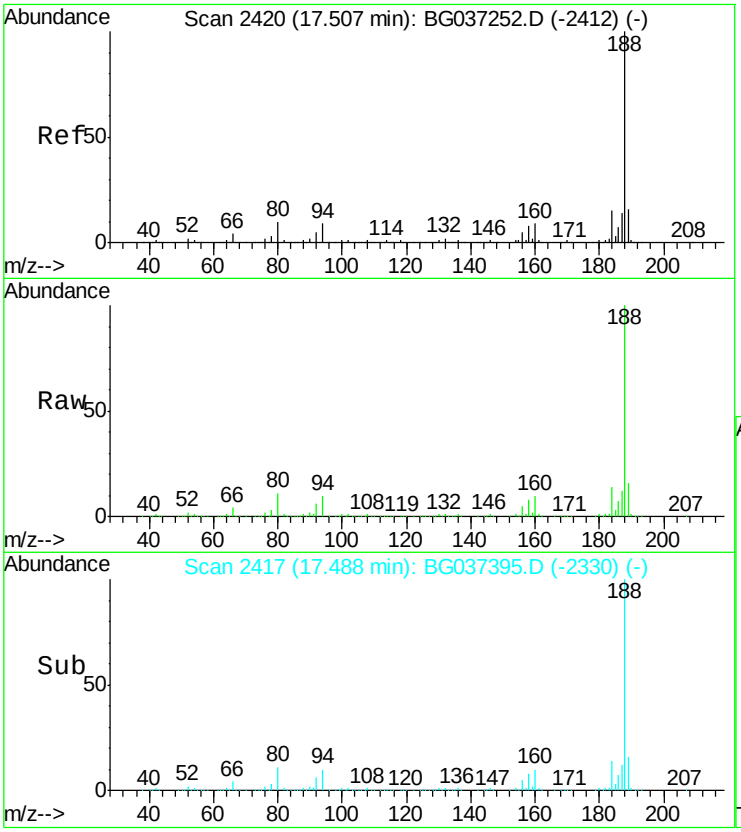


#57
2,4-Dinitrotoluene
Concen: 11.170 ng
RT: 14.74 min Scan# 1950
Delta R.T. -0.37 min
Lab File: BG037395.D
Acq: 17 Oct 2018 18:10

Tgt Ion:165 Resp: 24415

Ion	Ratio	Lower	Upper
165	100		
63	1.8	33.4	50.0#
89	3.1	57.2	85.8#
182	0.0	2.6	4.0#



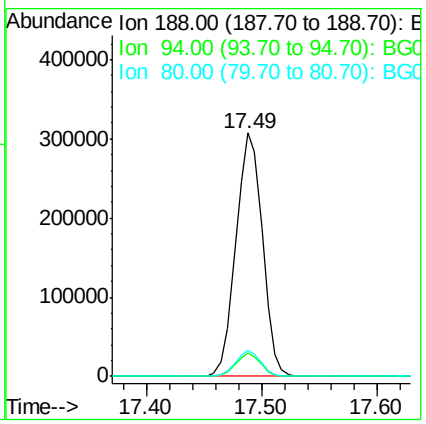


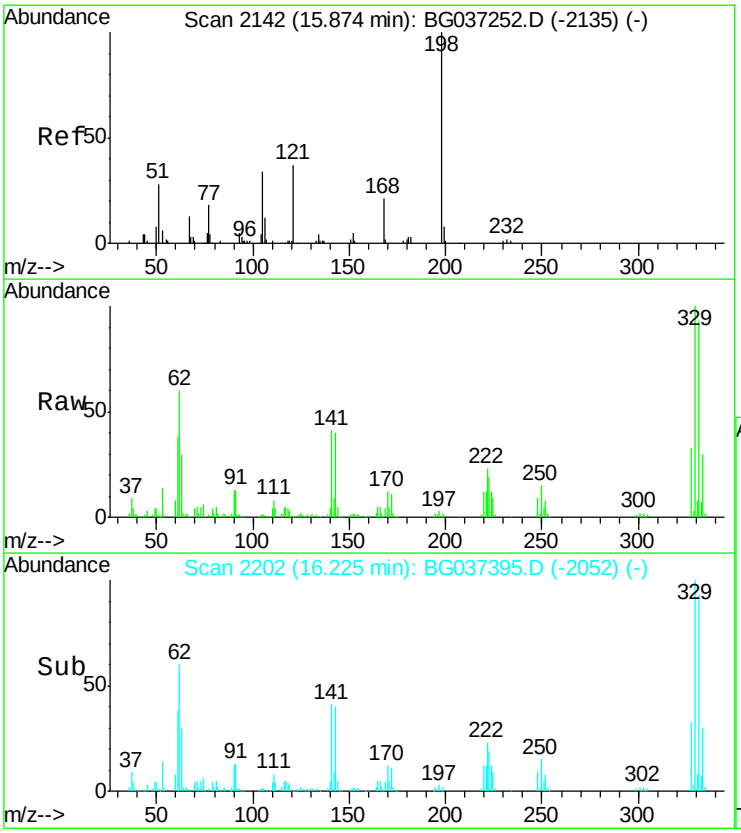
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG037395.D
Acq: 17 Oct 2018 18:10

Instrument :
BNA_G
ClientSampleId :
GSTS

Tgt Ion:188 Resp: 488465

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.2	10.8
80	10.6	7.7	11.5

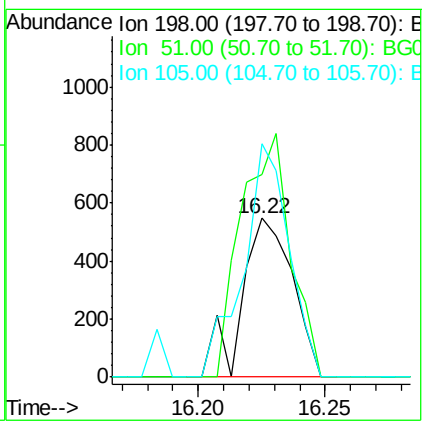


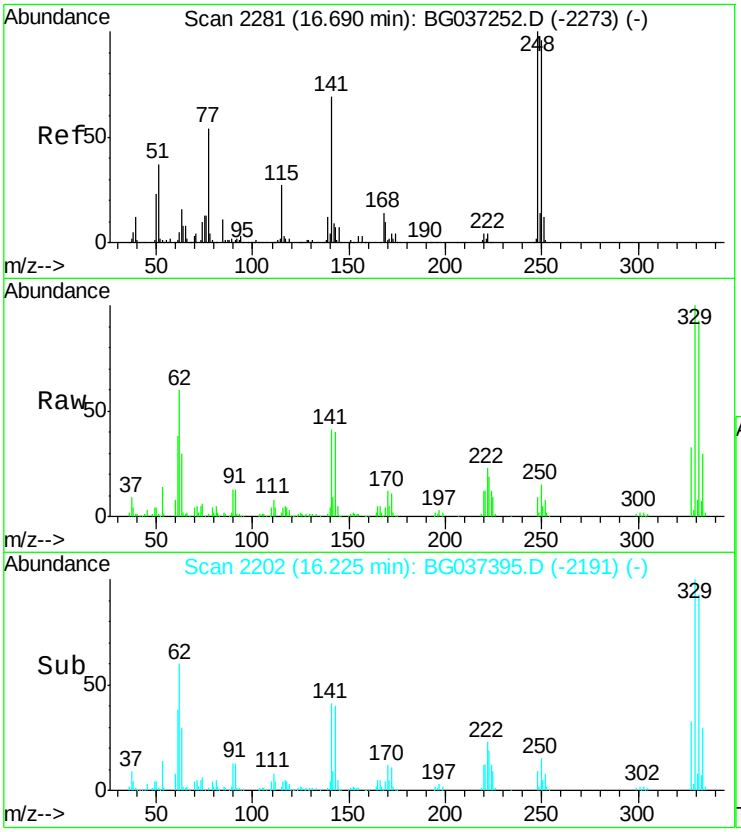


#65
4,6-Dinitro-2-methylphenol
Concen: 6.385 ng
RT: 16.22 min Scan# 2202
Delta R.T. 0.35 min
Lab File: BG037395.D
Acq: 17 Oct 2018 18:10

Tgt Ion:198 Resp: 767

Ion	Ratio	Lower	Upper
198	100		
51	26.3	22.7	62.7
105	30.2	19.7	59.7



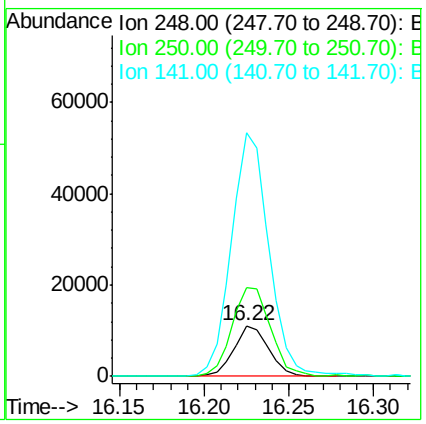


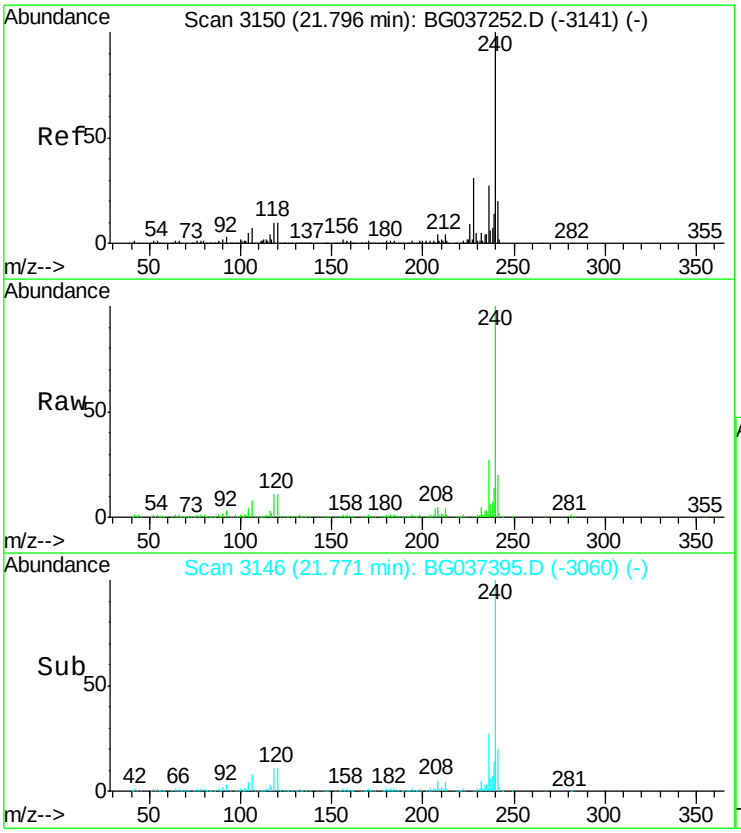
#67
4-Bromophenyl-phenylether
Concen: 3.015 ng
RT: 16.22 min Scan# 2202
Delta R.T. -0.47 min
Lab File: BG037395.D
Acq: 17 Oct 2018 18:10

Instrument :
BNA_G
ClientSampleId :
GSTS

Tgt Ion:248 Resp: 15894

Ion	Ratio	Lower	Upper
248	100		
250	181.1	77.0	115.6#
141	378.5	55.5	83.3#

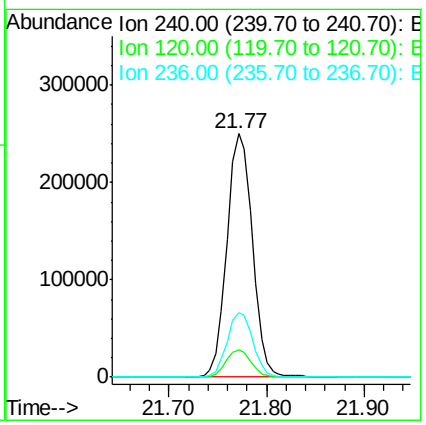


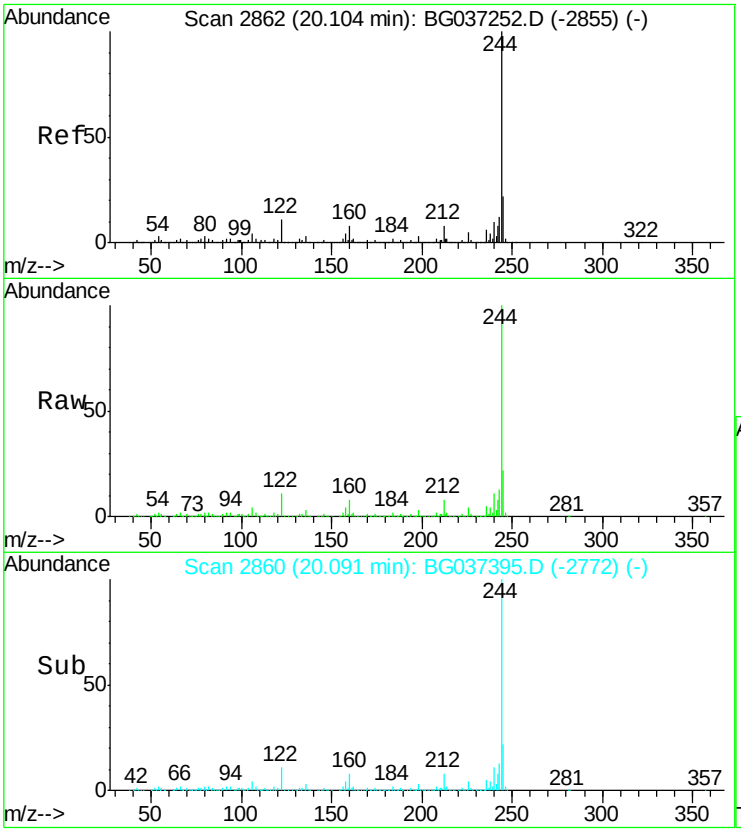


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3146
Delta R.T. -0.02 min
Lab File: BG037395.D
Acq: 17 Oct 2018 18:10

Tgt Ion:240 Resp: 453922

Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.1	12.1
236	26.6	21.4	32.0



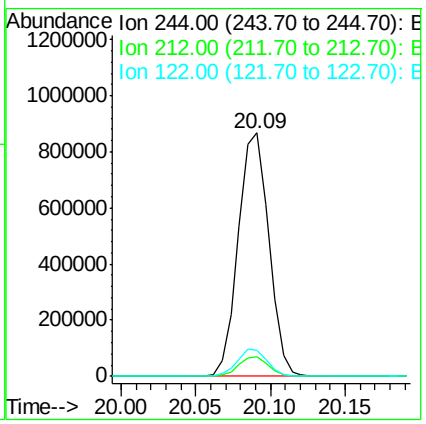


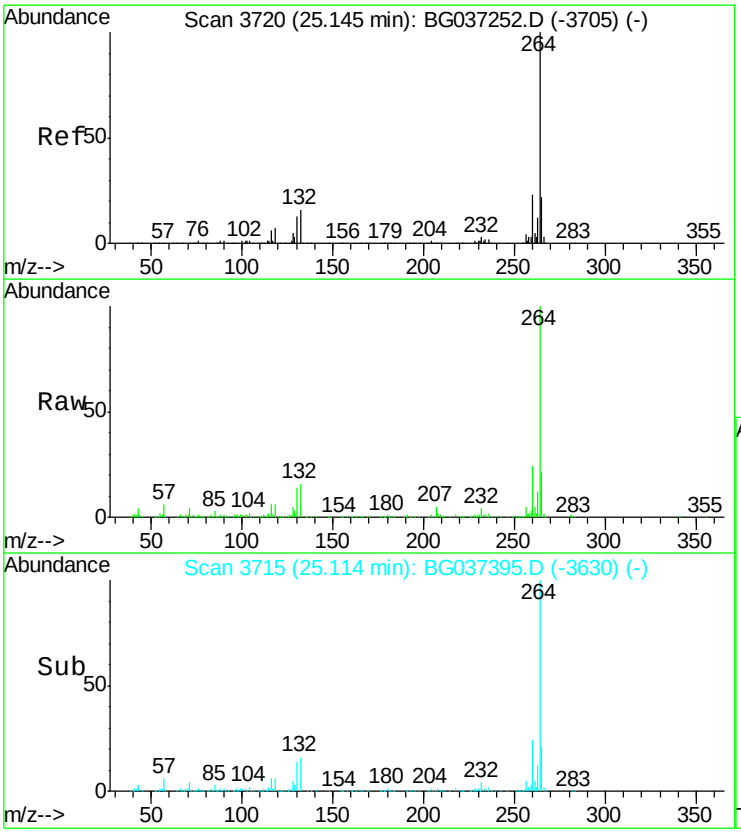
#79
Terphenyl-d14
Concen: 57.244 ng
RT: 20.09 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BG037395.D
Acq: 17 Oct 2018 18:10

Instrument :
BNA_G
ClientSampleId :
GSTS

Tgt Ion:244 Resp: 1237506

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.5	9.7
122	10.9	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3715
Delta R.T. -0.03 min
Lab File: BG037395.D
Acq: 17 Oct 2018 18:10

Tgt Ion:264 Resp: 460196

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.4
265	21.1	17.9	26.9