Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101718\
Data File : BG037408.D
Acq On : 18 Oct 2018 2:37
Operator : JU/SJ
Sample : J5541-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 101518-TIPC-F-D-B

Quant Time: Oct 18 11:46:18 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	57836	20.00	ng		-0.01
21) Naphthalene-d8	10.93	136	272277	20.00	ng		-0.02
39) Acenaphthene-d10	14.74	164	182276	20.00	ng		-0.01
64) Phenanthrene-d10	17.49	188	456949	20.00	ng		-0.02
76) Chrysene-d12	21.77	240	414450	20.00	ng		-0.02
87) Perylene-d12	25.11	264	414136	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	163504	49.75	ng		0.00
7) Phenol-d6	7.25	99	143986	28.87	ng		0.00
23) Nitrobenzene-d5	9.29	82	470427	113.59	ng		-0.01
42) 2,4,6-Tribromophenol	16.23	330	201769	112.87	ng		-0.01
45) 2-Fluorobiphenyl	13.36	172	1134808	93.50	ng		-0.02
79) Terphenyl-d14	20.09	244	1649130	83.55	ng		-0.01
Target Compounds							Qvalue
10) Phenol	7.28	94	15327	2.918	ng		98
19) n-Nitroso-di-n-propylamine	9.29	70	58805	15.571	ng	#	74
48) 2-Nitroaniline	13.67	65	70	5.775	ng	#	7
51) 2,6-Dinitrotoluene	14.74	165	23763	12.495	ng	#	26
57) 2,4-Dinitrotoluene	14.74	165	23763	11.330	ng	#	25
65) 4,6-Dinitro-2-methylphenol	16.23	198	559	6.288	ng		82
67) 4-Bromophenyl-phenylether	16.23	248	14684	2.978	ng	#	1

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

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101518-TIPC-F-D-B

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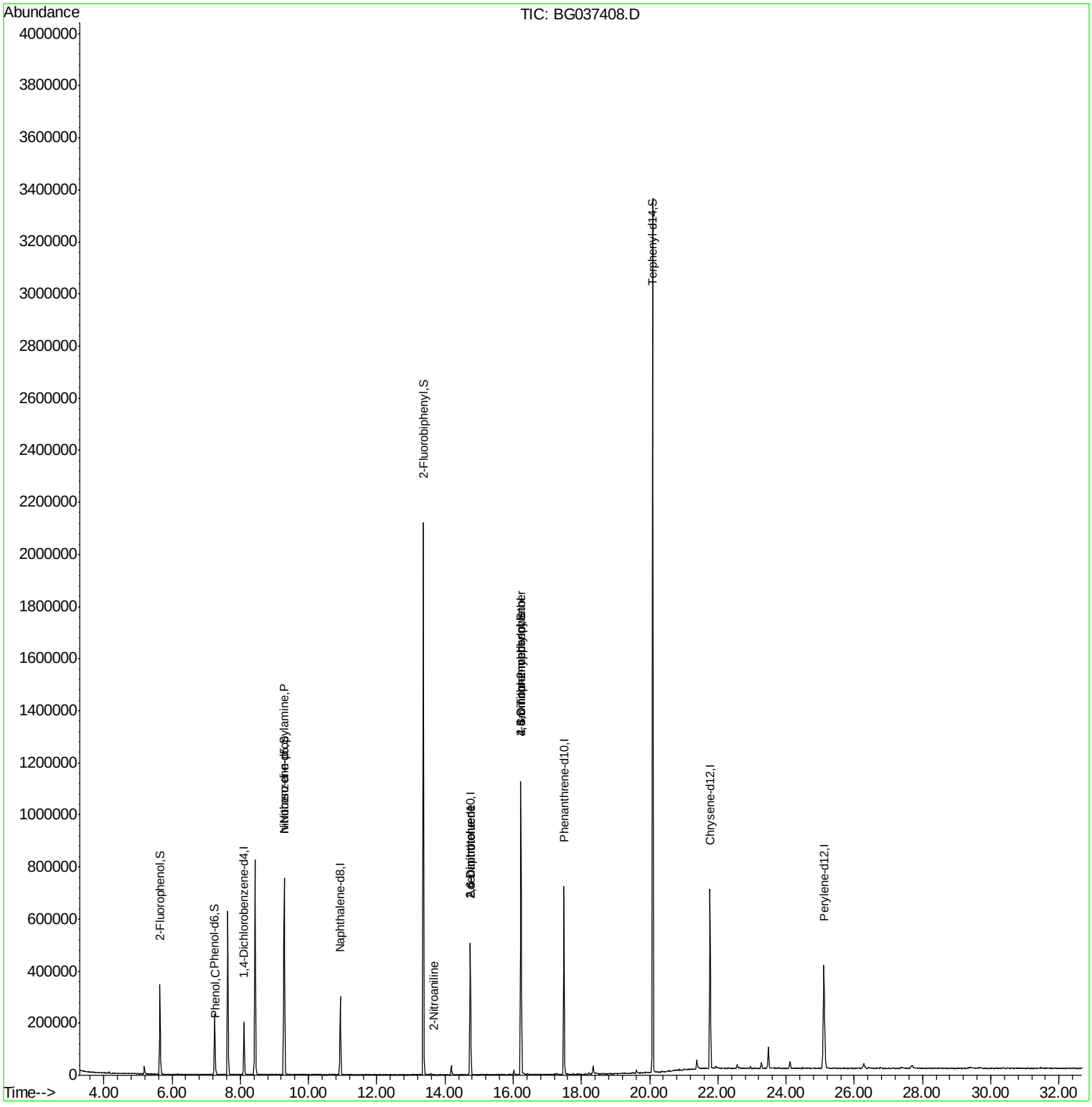
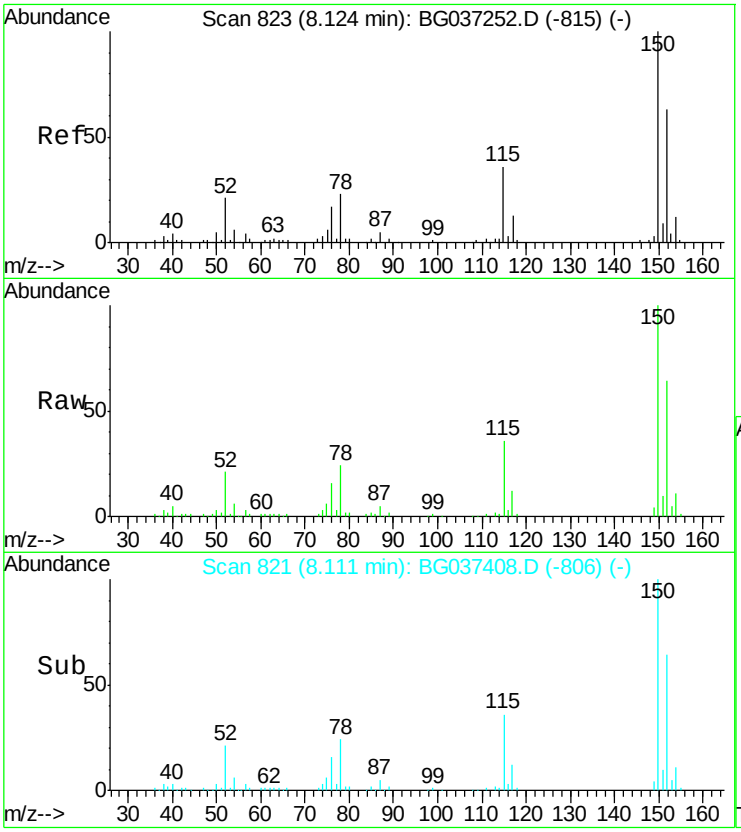


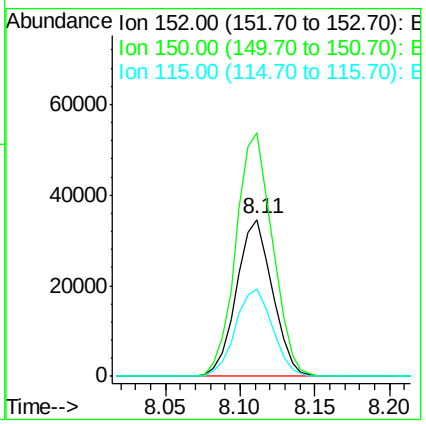


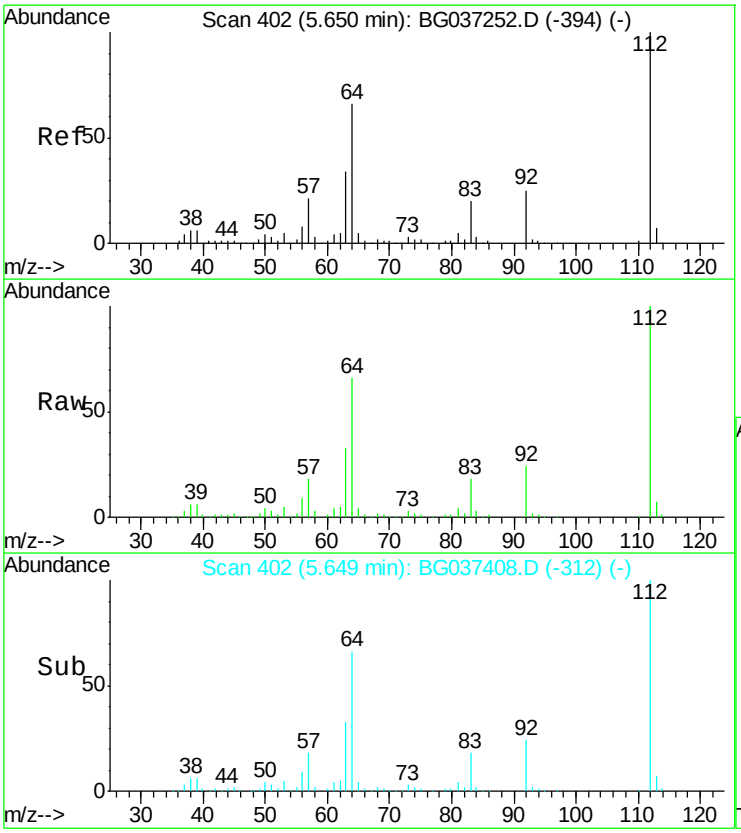
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG037408.D
Acq: 18 Oct 2018 2:37

Instrument :
BNA_G
ClientSampleId :
101518-TIPC-F-D-B

Tgt Ion:152 Resp: 57836

Ion	Ratio	Lower	Upper
152	100		
150	155.5	126.0	189.0
115	56.0	45.5	68.3

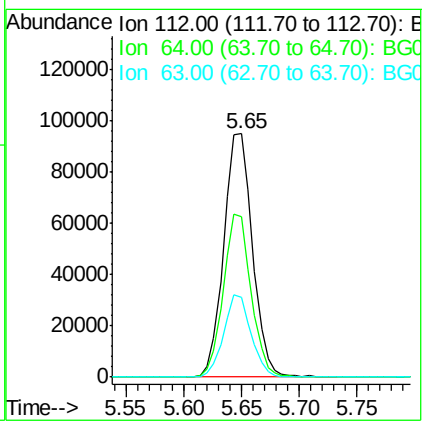


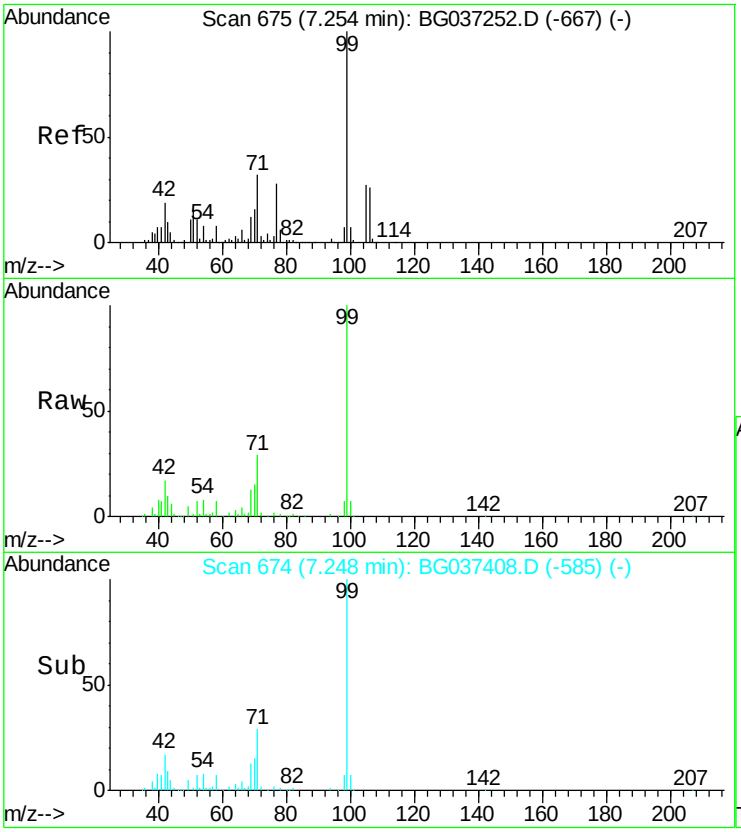


#5
2-Fluorophenol
Concen: 49.753 ng
RT: 5.65 min Scan# 402
Delta R.T. -0.00 min
Lab File: BG037408.D
Acq: 18 Oct 2018 2:37

Tgt Ion:112 Resp: 163504

Ion	Ratio	Lower	Upper
112	100		
64	66.1	53.1	79.7
63	32.9	27.3	40.9



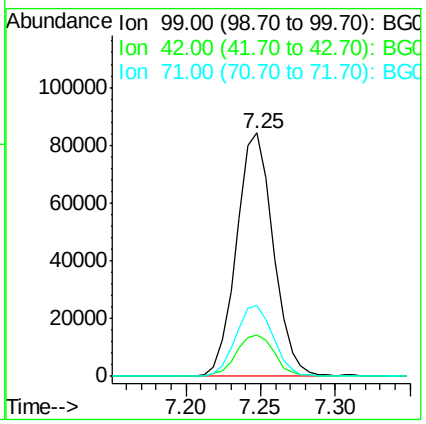


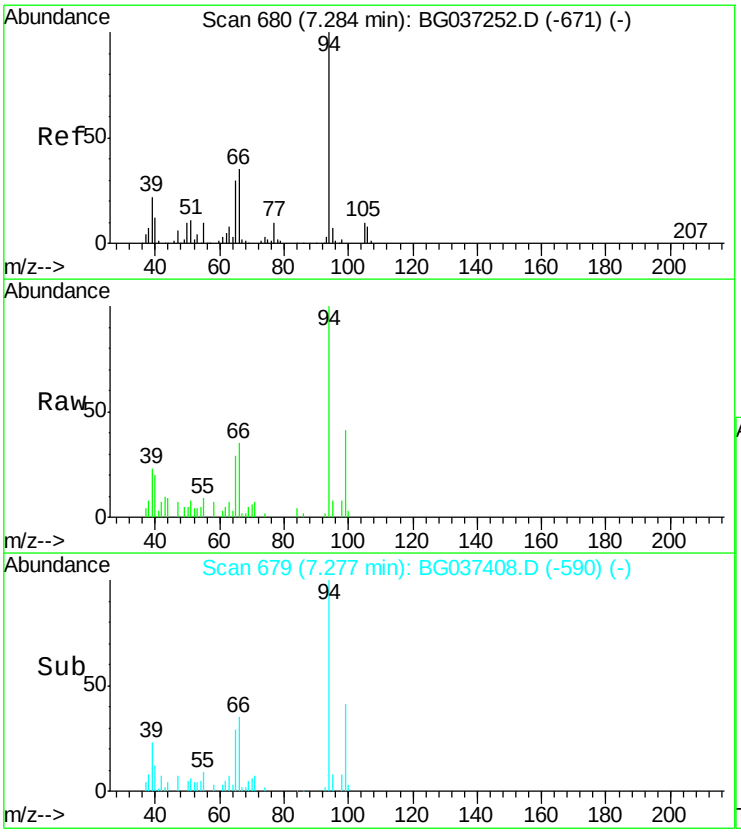
#7
Phenol-d6
Concen: 28.866 ng
RT: 7.25 min Scan# 674
Delta R.T. -0.01 min
Lab File: BG037408.D
Acq: 18 Oct 2018 2:37

Instrument :
BNA_G
ClientSampleId :
101518-TIPC-F-D-B

Tgt Ion: 99 Resp: 143986

Ion	Ratio	Lower	Upper
99	100		
42	17.2	15.0	22.4
71	28.9	25.5	38.3

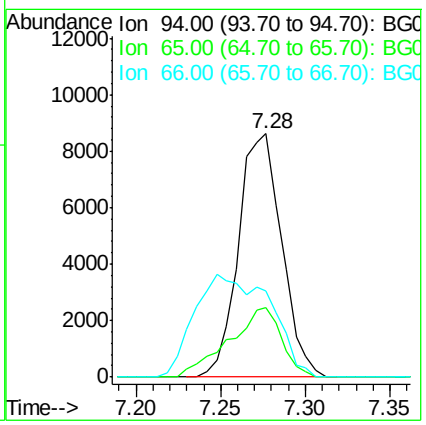


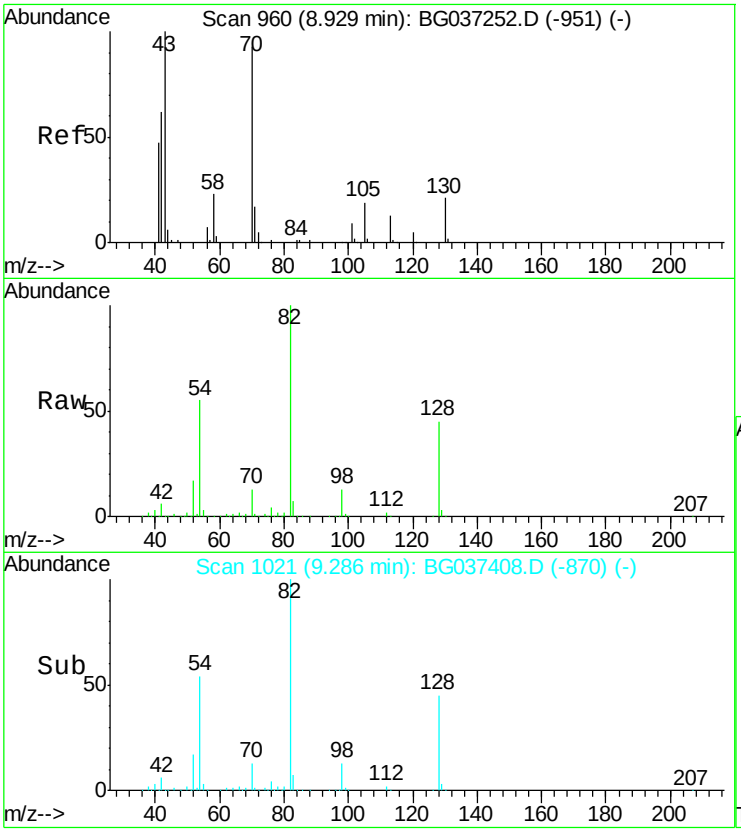


#10
Phenol
Concen: 2.918 ng
RT: 7.28 min Scan# 679
Delta R.T. -0.01 min
Lab File: BG037408.D
Acq: 18 Oct 2018 2:37

Tgt Ion: 94 Resp: 15327

Ion	Ratio	Lower	Upper
94	100		
65	28.6	9.7	49.7
66	35.3	15.9	55.9



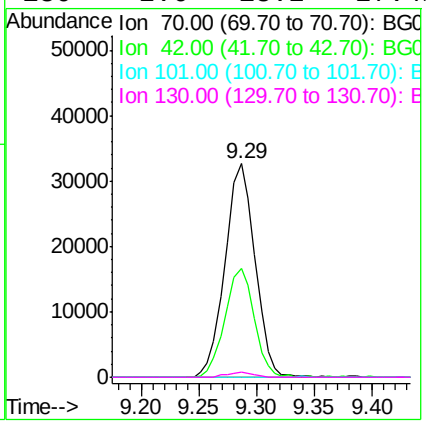


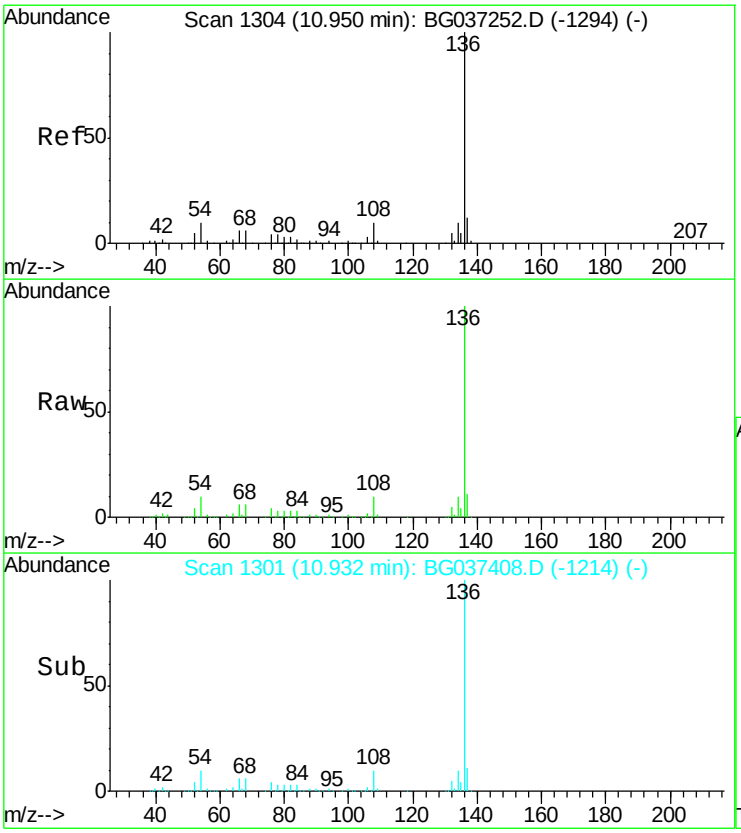
#19
n-Nitroso-di-n-propylamine
Concen: 15.571 ng
RT: 9.29 min Scan# 1021
Delta R.T. 0.36 min
Lab File: BG037408.D
Acq: 18 Oct 2018 2:37

Instrument :
BNA_G
ClientSampleId :
101518-TIPC-F-D-B

Tgt Ion: 70 Resp: 58805

Ion	Ratio	Lower	Upper
70	100		
42	51.2	53.9	80.9#
101	0.0	8.2	12.2#
130	2.6	18.2	27.4#

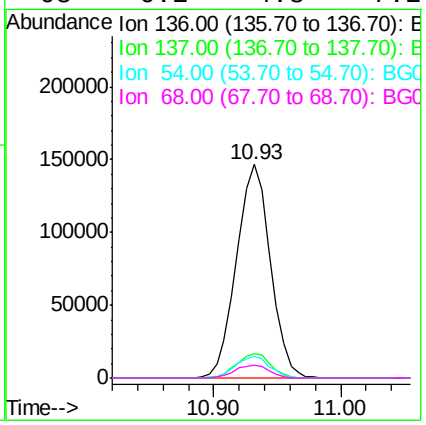


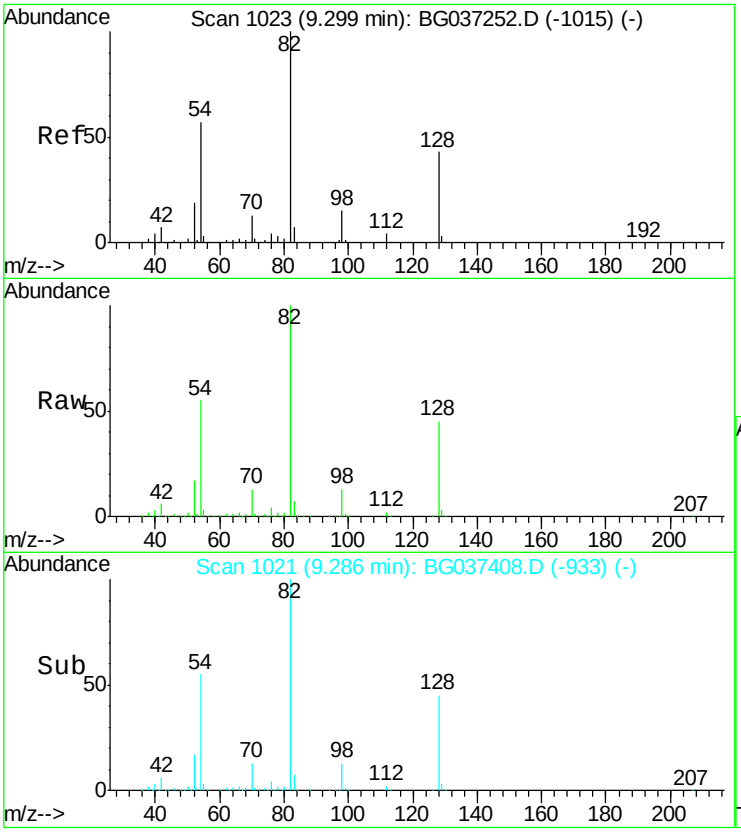


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BG037408.D
Acq: 18 Oct 2018 2:37

Tgt Ion:136 Resp: 272277

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	10.3	7.9	11.9
68	6.2	4.8	7.2



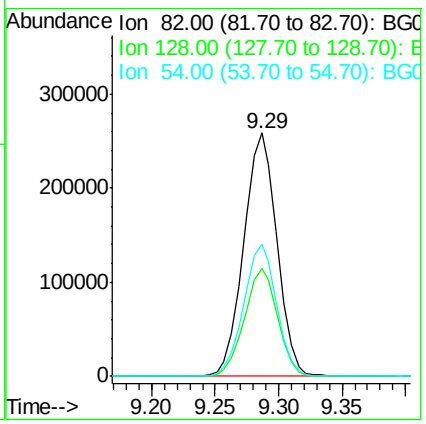


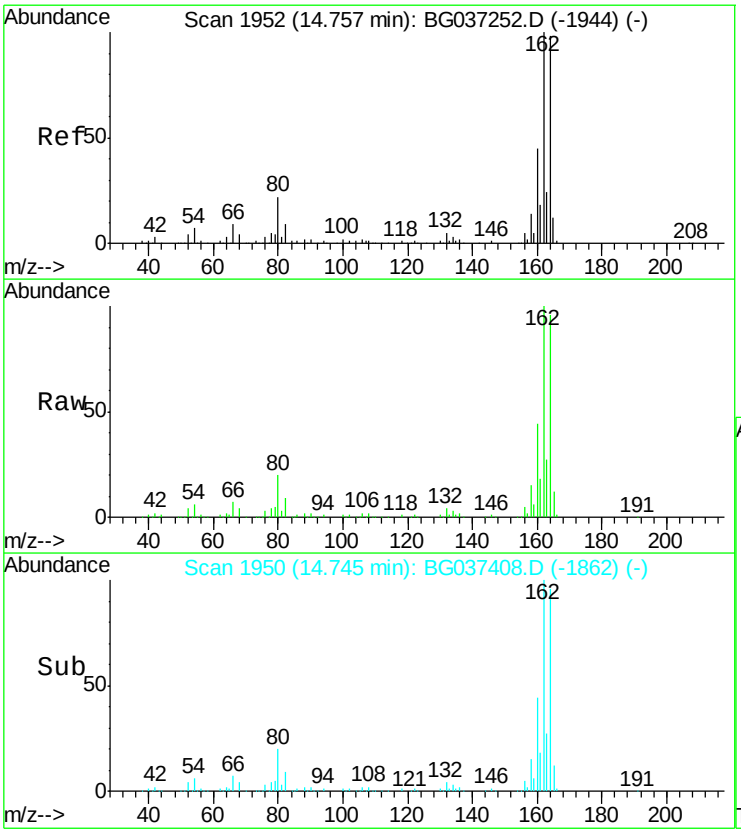
#23
Nitrobenzene-d5
Concen: 113.591 ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG037408.D
Acq: 18 Oct 2018 2:37

Instrument :
BNA_G
ClientSampleId :
101518-TIPC-F-D-B

Tgt Ion: 82 Resp: 470427

Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.6	51.8
54	54.5	45.3	67.9

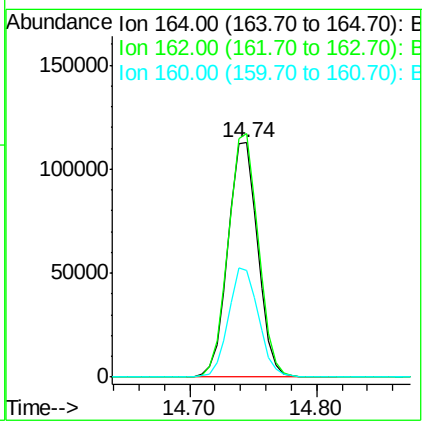


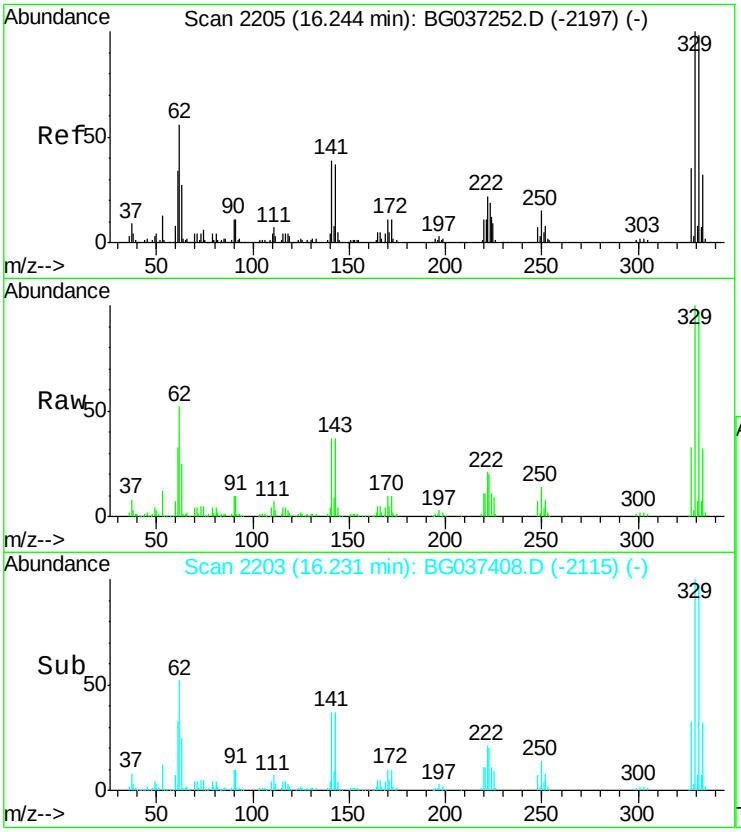


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG037408.D
Acq: 18 Oct 2018 2:37

Tgt Ion:164 Resp: 182276

Ion	Ratio	Lower	Upper
164	100		
162	104.0	81.3	121.9
160	45.6	36.3	54.5



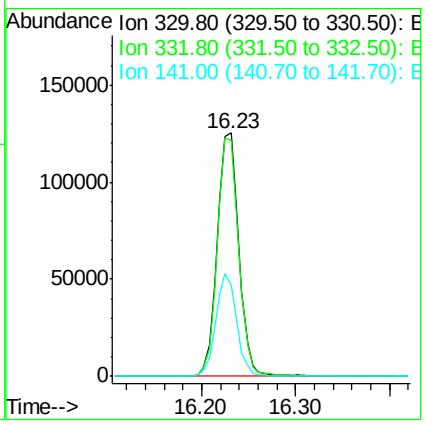


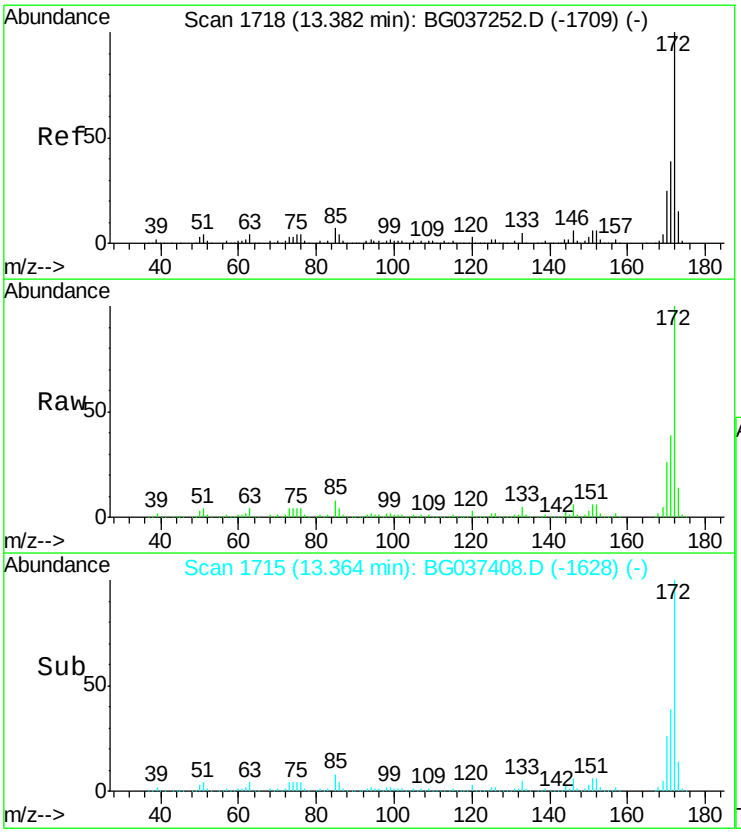
#42
2,4,6-Tribromophenol
Concen: 112.870 ng
RT: 16.23 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BG037408.D
Acq: 18 Oct 2018 2:37

Instrument :
BNA_G
ClientSampleId :
101518-TIPC-F-D-B

Tgt Ion:330 Resp: 201769

Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.4	117.6
141	40.7	32.2	48.2

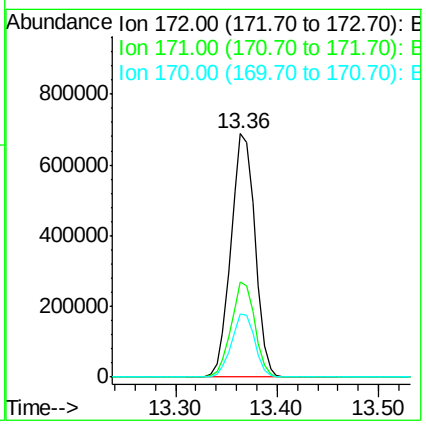


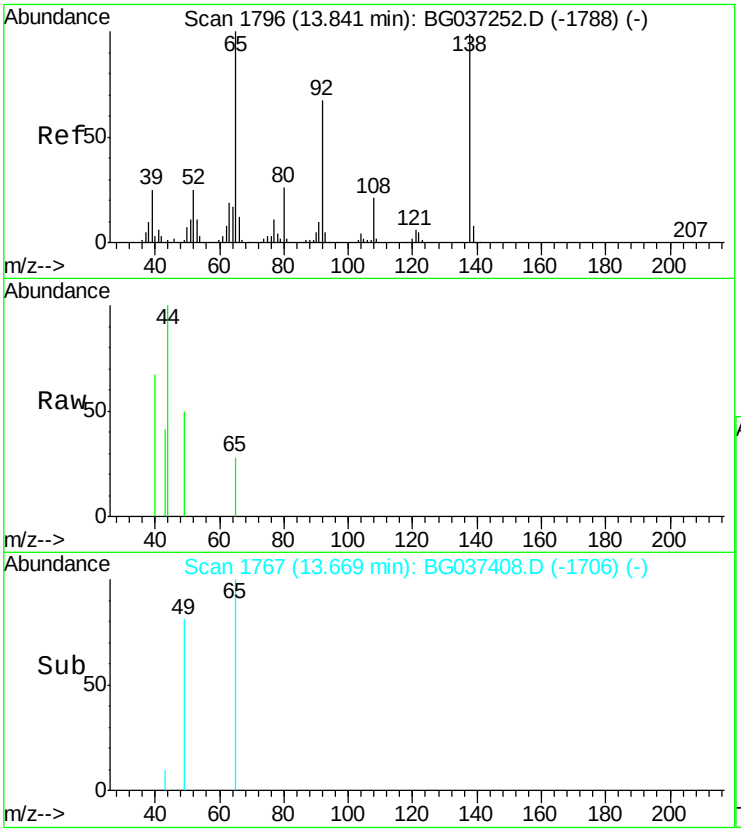


#45
2-Fluorobiphenyl
Concen: 93.496 ng
RT: 13.36 min Scan# 1715
Delta R.T. -0.02 min
Lab File: BG037408.D
Acq: 18 Oct 2018 2:37

Tgt Ion:172 Resp: 1134808

Ion	Ratio	Lower	Upper
172	100		
171	38.9	31.0	46.4
170	25.7	20.2	30.2



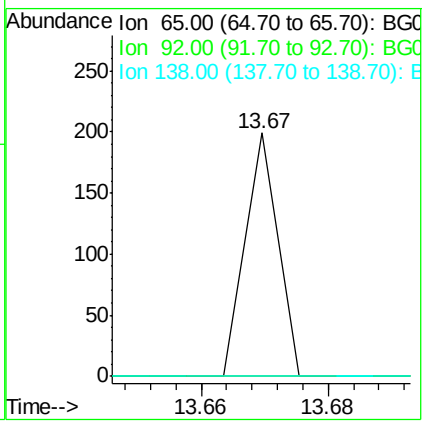


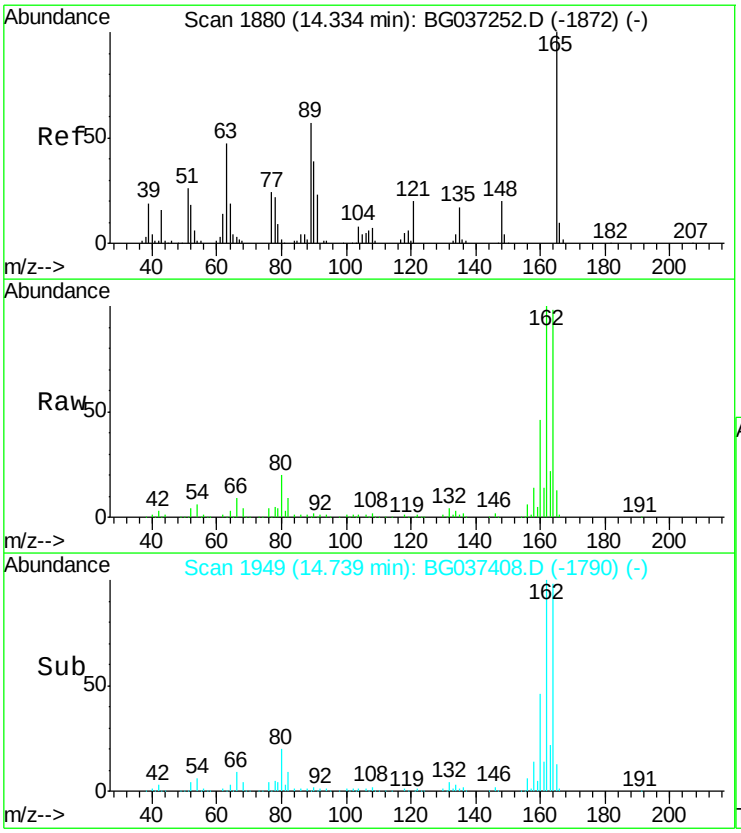
#48
2-Nitroaniline
Concen: 5.775 ng
RT: 13.67 min Scan# 1767
Delta R.T. -0.17 min
Lab File: BG037408.D
Acq: 18 Oct 2018 2:37

Instrument :
BNA_G
ClientSampleId :
101518-TIPC-F-D-B

Tgt Ion: 65 Resp: 70

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

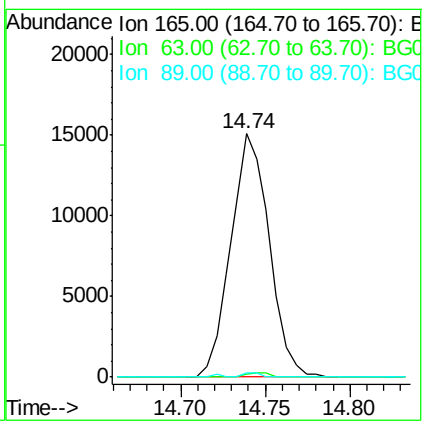


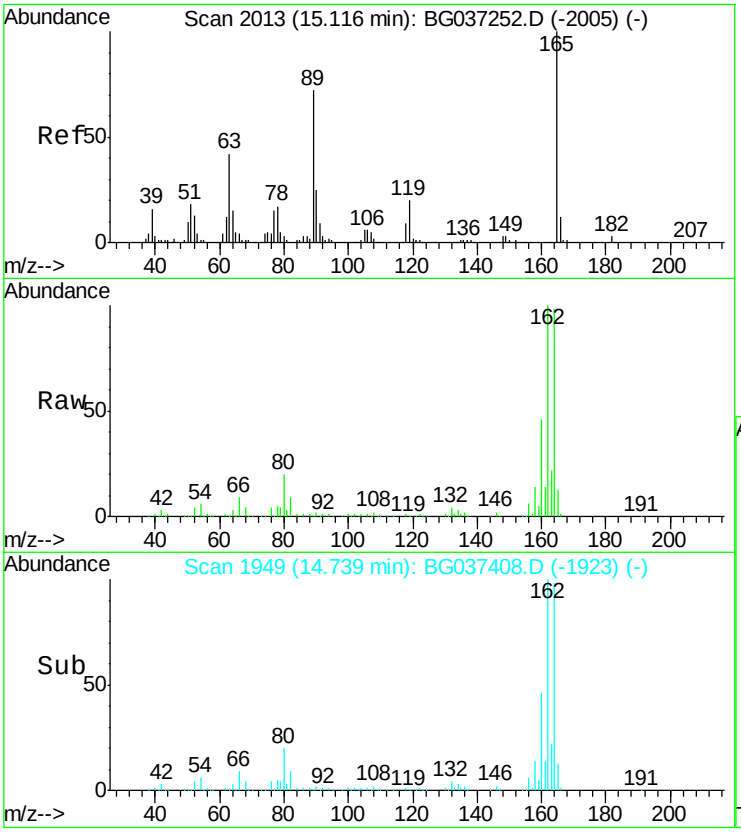


#51
2,6-Dinitrotoluene
Concen: 12.495 ng
RT: 14.74 min Scan# 1949
Delta R.T. 0.40 min
Lab File: BG037408.D
Acq: 18 Oct 2018 2:37

Tgt Ion:165 Resp: 23763

Ion	Ratio	Lower	Upper
165	100		
63	1.4	43.4	65.2#
89	1.8	45.8	68.6#



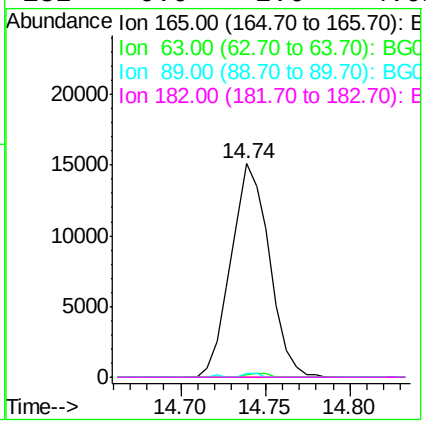


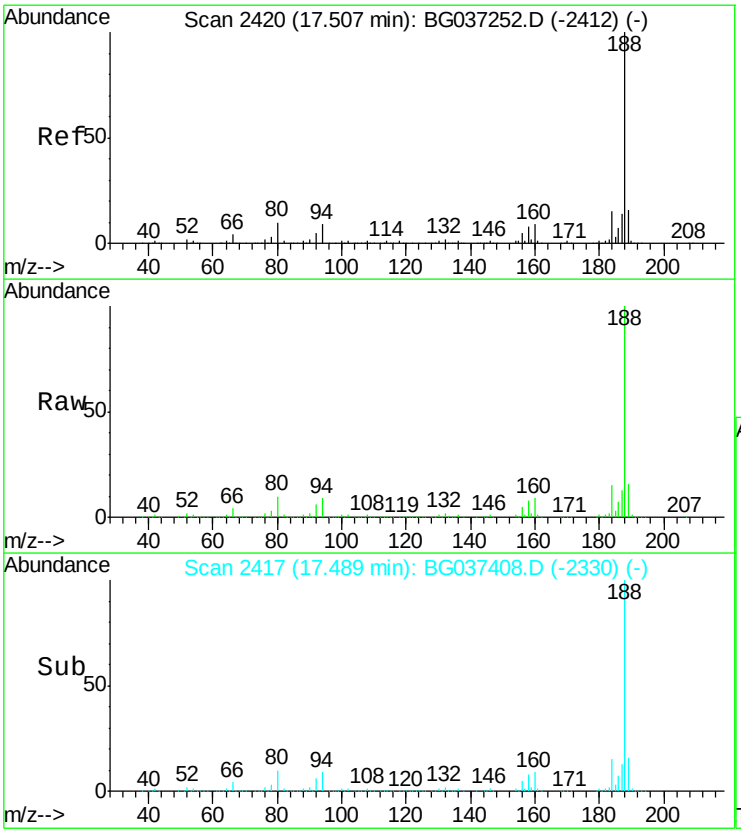
#57
2,4-Dinitrotoluene
Concen: 11.330 ng
RT: 14.74 min Scan# 1949
Delta R.T. -0.38 min
Lab File: BG037408.D
Acq: 18 Oct 2018 2:37

Instrument :
BNA_G
ClientSampleId :
101518-TIPC-F-D-B

Tgt Ion:165 Resp: 23763

Ion	Ratio	Lower	Upper
165	100		
63	1.4	33.4	50.0#
89	1.8	57.2	85.8#
182	0.0	2.6	4.0#

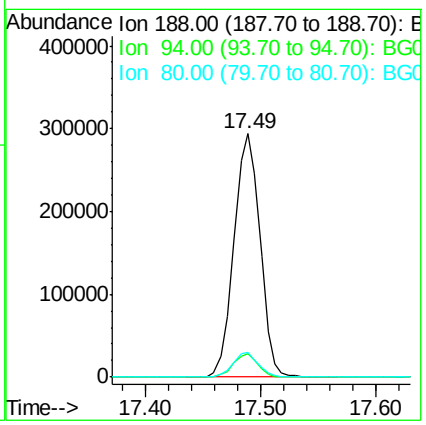


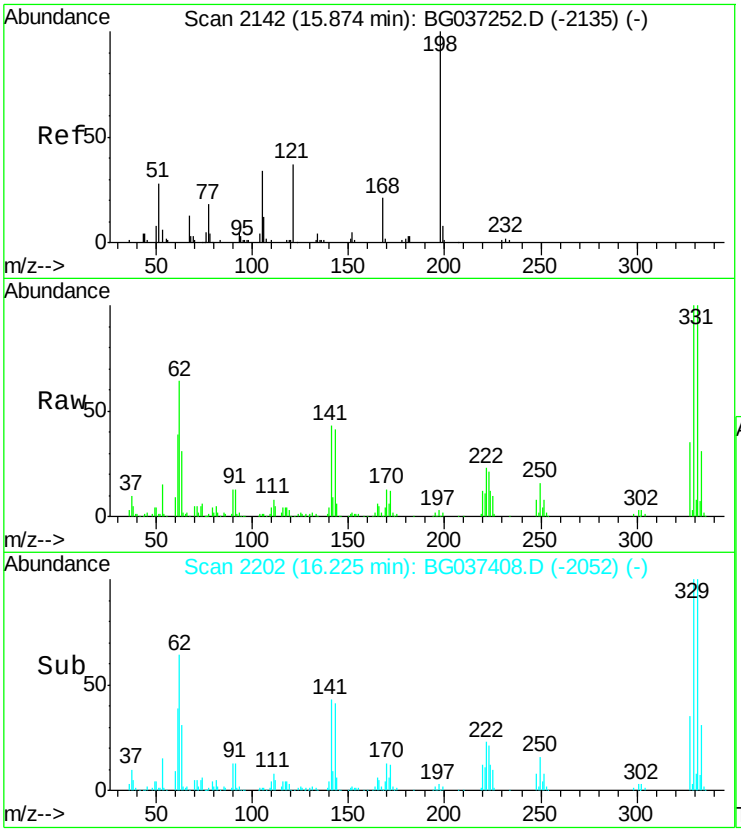


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG037408.D
Acq: 18 Oct 2018 2:37

Tgt Ion:188 Resp: 456949

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.2	10.8
80	10.1	7.7	11.5



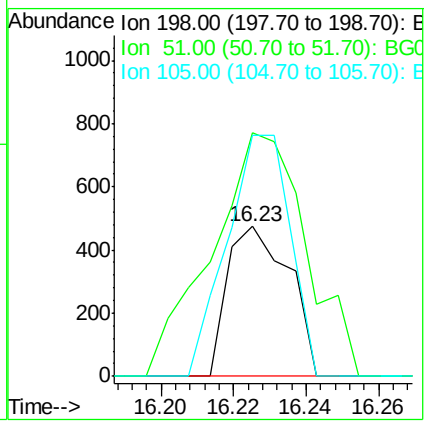


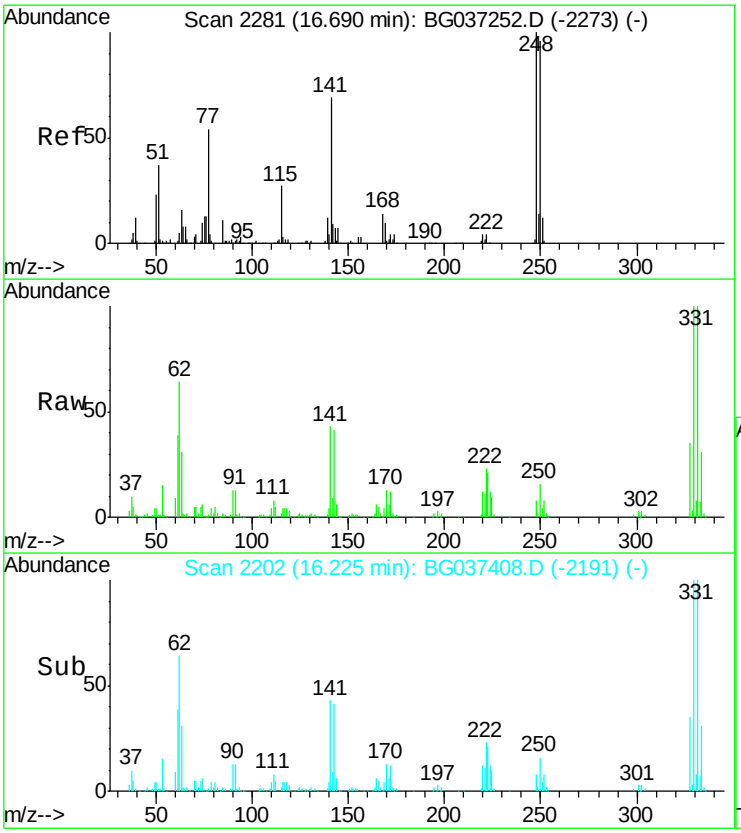
#65
4,6-Dinitro-2-methylphenol
Concen: 6.288 ng
RT: 16.23 min Scan# 2202
Delta R.T. 0.35 min
Lab File: BG037408.D
Acq: 18 Oct 2018 2:37

Instrument :
BNA_G
ClientSampleId :
101518-TIPC-F-D-B

Tgt Ion:198 Resp: 559

Ion	Ratio	Lower	Upper
198	100		
51	29.9	22.7	62.7
105	29.6	19.7	59.7

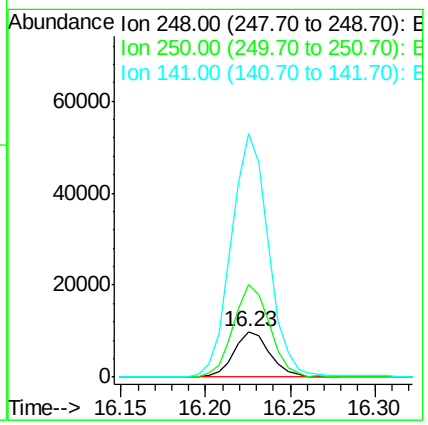


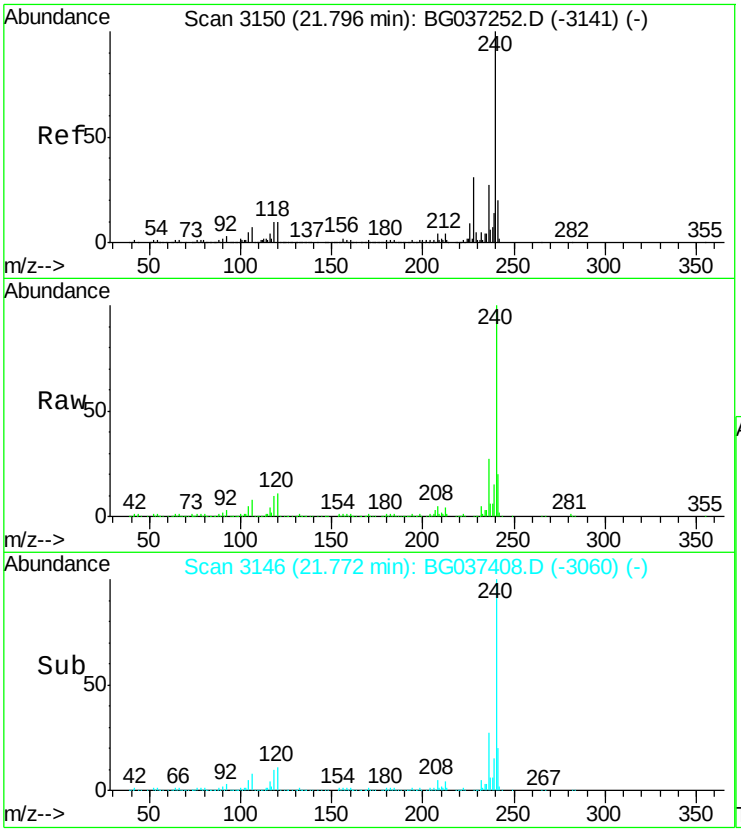


#67
4-Bromophenyl-phenylether
Concen: 2.978 ng
RT: 16.23 min Scan# 2202
Delta R.T. -0.47 min
Lab File: BG037408.D
Acq: 18 Oct 2018 2:37

Tgt Ion:248 Resp: 14684

Ion	Ratio	Lower	Upper
248	100		
250	197.4	77.0	115.6#
141	410.1	55.5	83.3#



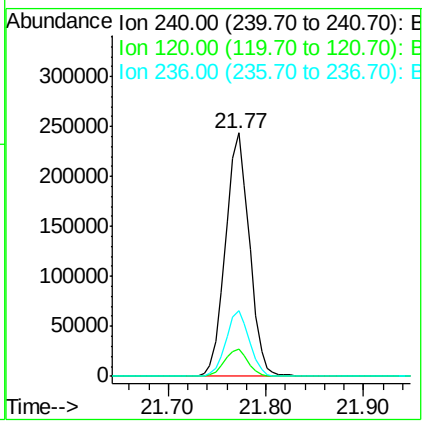


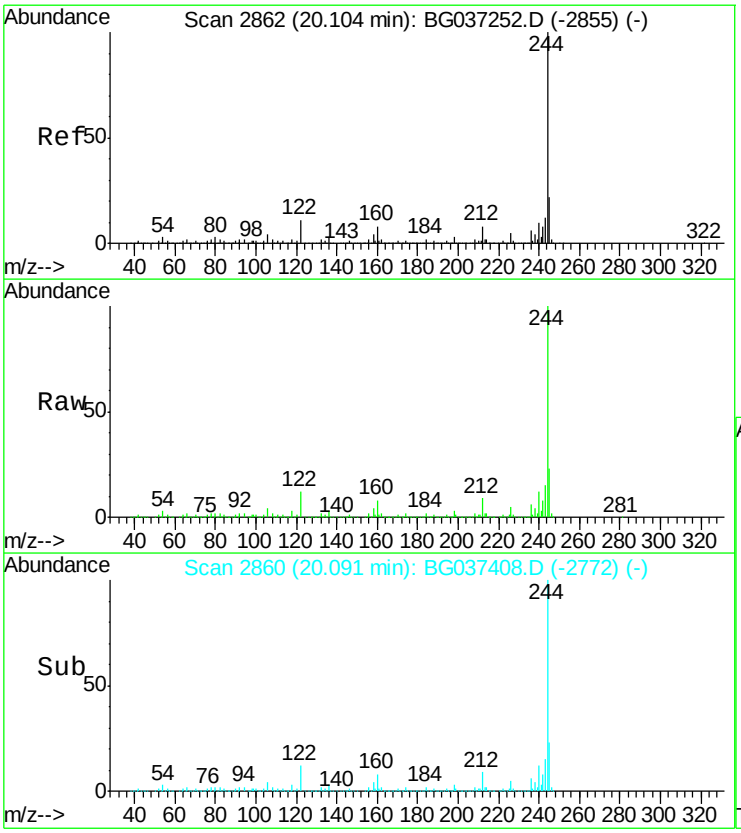
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3146
Delta R.T. -0.02 min
Lab File: BG037408.D
Acq: 18 Oct 2018 2:37

Instrument :
BNA_G
ClientSampleId :
101518-TIPC-F-D-B

Tgt Ion:240 Resp: 414450

Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.1	12.1
236	26.8	21.4	32.0

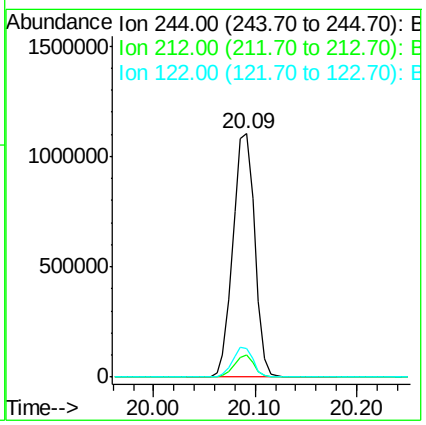


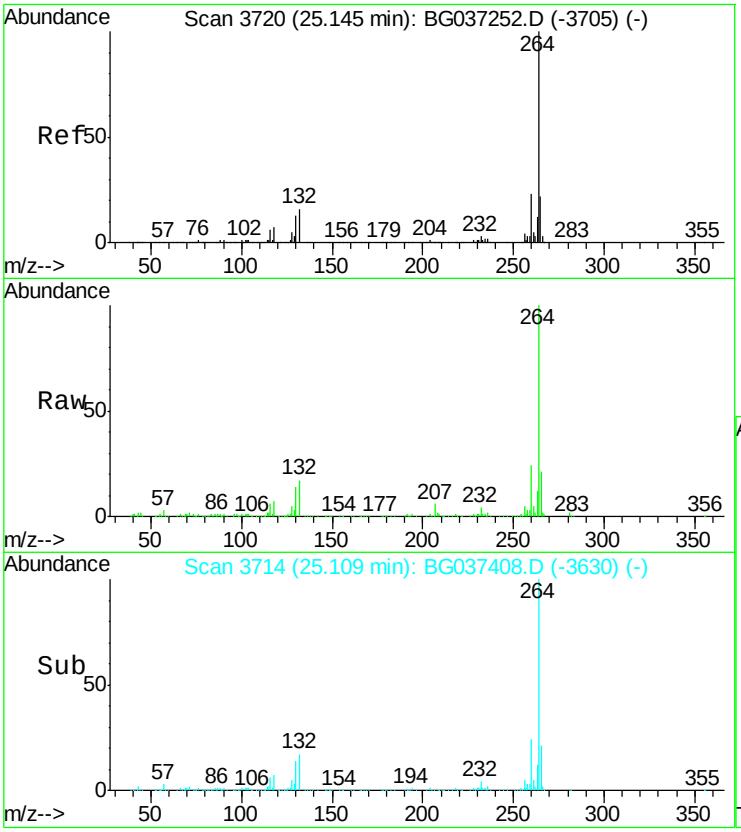


#79
Terphenyl-d14
Concen: 83.551 ng
RT: 20.09 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BG037408.D
Acq: 18 Oct 2018 2:37

Tgt Ion:244 Resp: 1649130

Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.5	9.7
122	11.5	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3714
Delta R.T. -0.04 min
Lab File: BG037408.D
Acq: 18 Oct 2018 2:37

Instrument :
BNA_G
ClientSampleId :
101518-TIPC-F-D-B

Tgt Ion:264 Resp: 414136

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	21.3	17.9	26.9