Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110218\
Data File : BG037765.D
Acq On : 2 Nov 2018 21:57
Operator : JU/SJ
Sample : J5780-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CPS07381

Quant Time: Nov 03 02:30:31 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	62701	20.00	ng		-0.01
21) Naphthalene-d8	10.92	136	282455	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	188245	20.00	ng		-0.01
64) Phenanthrene-d10	17.48	188	410483	20.00	ng		0.00
76) Chrysene-d12	21.76	240	372107	20.00	ng		-0.01
87) Perylene-d12	25.10	264	326522	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	216437	57.71	ng		0.00
7) Phenol-d6	7.24	99	197382	34.81	ng		-0.01
23) Nitrobenzene-d5	9.28	82	413694	82.05	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	241434	117.59	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	1018715	81.60	ng		-0.01
79) Terphenyl-d14	20.08	244	1409379	80.93	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.27	94	12590	2.104	ng		95
19) n-Nitroso-di-n-propylamine	9.28	70	51796	13.263	ng	#	72
35) Caprolactam	11.83	113	13034	6.928	ng		99
51) 2,6-Dinitrotoluene	14.73	165	23622	7.332	ng	#	26
57) 2,4-Dinitrotoluene	14.73	165	23622	5.586	ng	#	26
65) 4,6-Dinitro-2-methylphenol	16.22	198	753	8.795	ng		79
67) 4-Bromophenyl-phenylether	16.22	248	18189	4.035	ng	#	1

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

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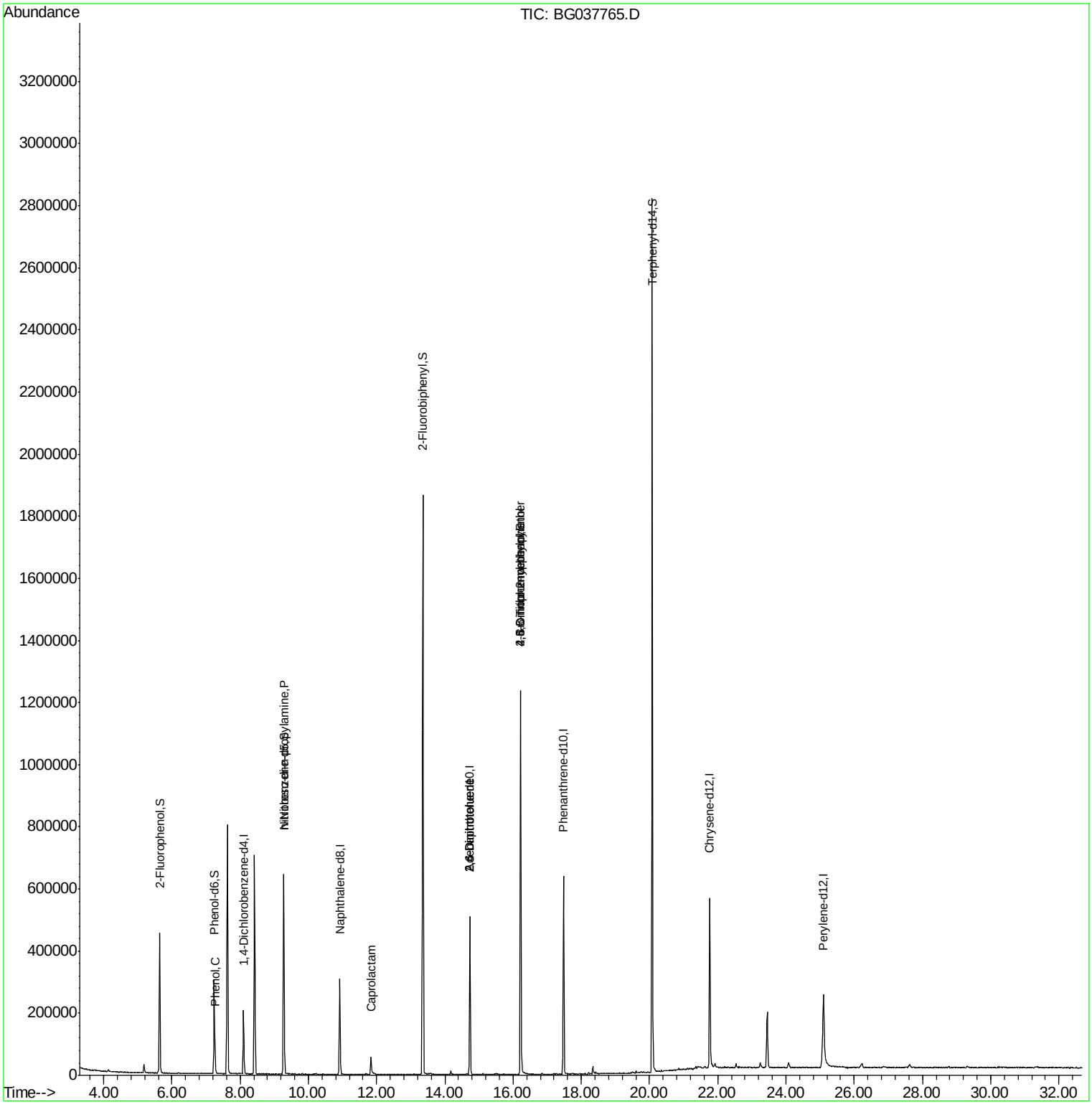
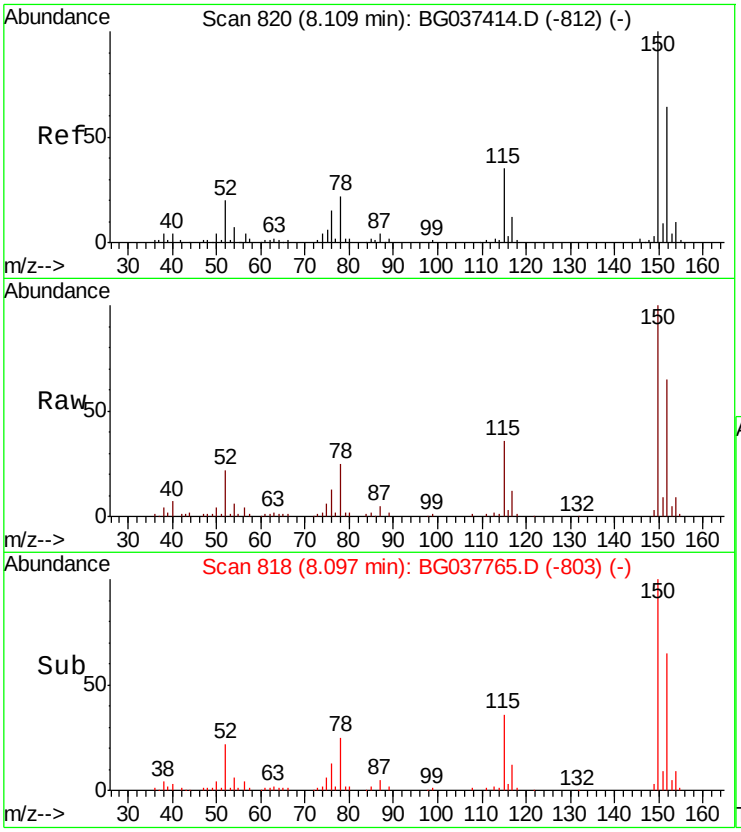


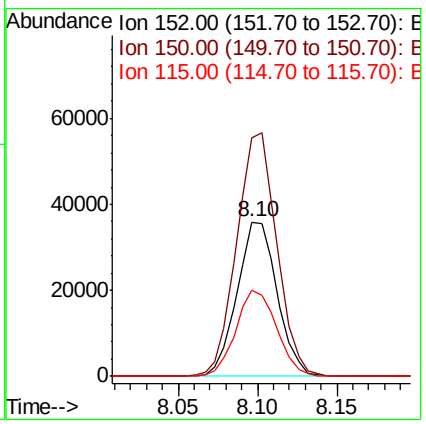


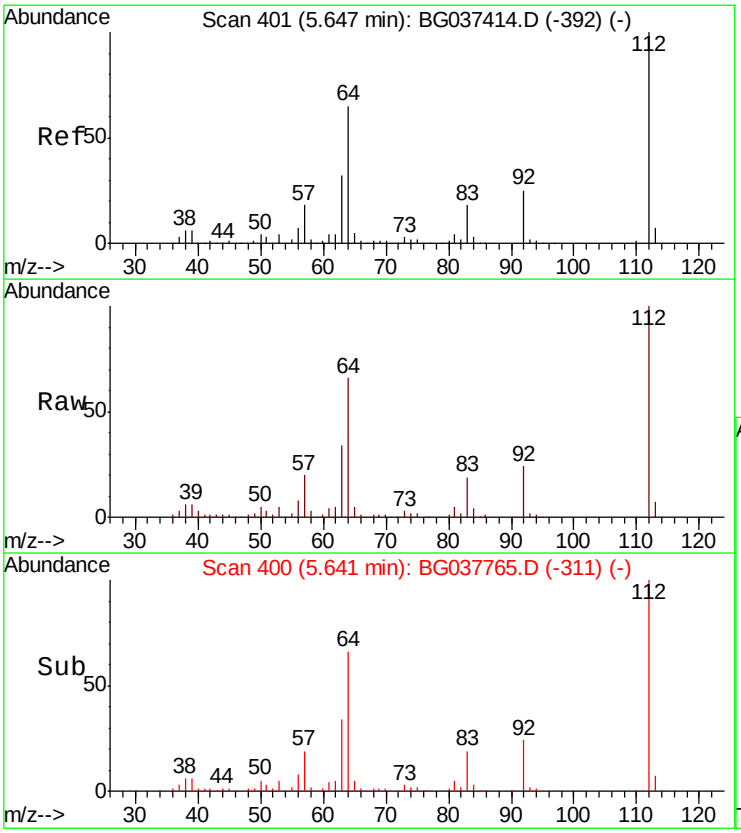
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037765.D
Acq: 2 Nov 2018 21:57

Instrument :
BNA_G
ClientSampleId :
CPS07381

Tgt Ion:152 Resp: 62701

Ion	Ratio	Lower	Upper
152	100		
150	154.2	126.0	189.0
115	55.4	45.5	68.3

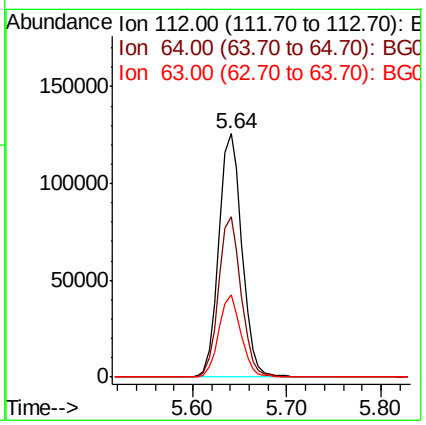


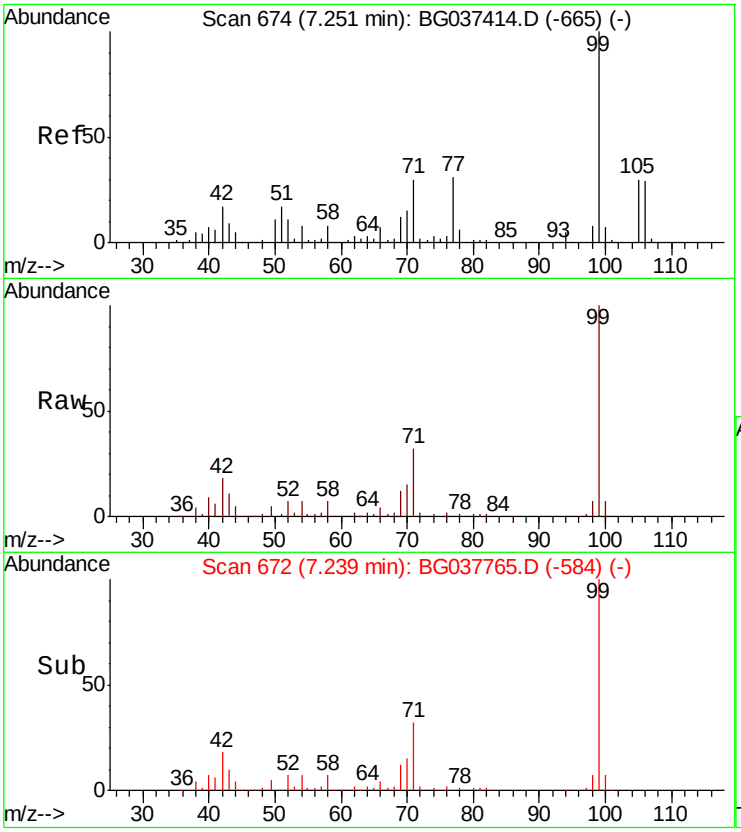


#5
2-Fluorophenol
Concen: 57.711 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037765.D
Acq: 2 Nov 2018 21:57

Tgt Ion:112 Resp: 216437

Ion	Ratio	Lower	Upper
112	100		
64	66.1	53.1	79.7
63	33.9	27.3	40.9



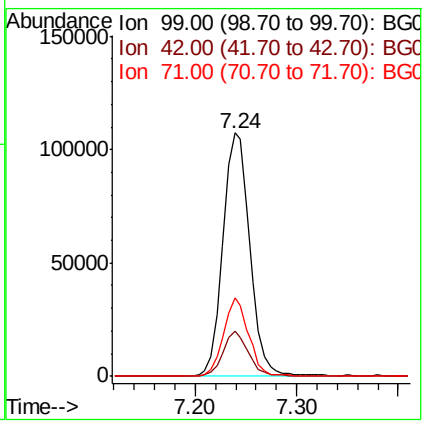


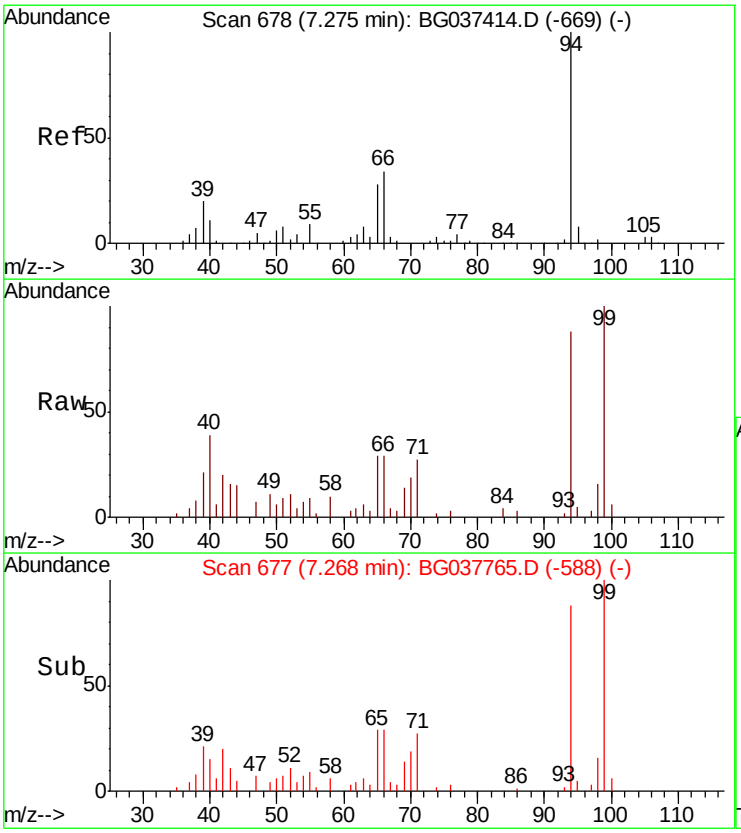
#7
Phenol-d6
Concen: 34.805 ng
RT: 7.24 min Scan# 672
Delta R.T. -0.01 min
Lab File: BG037765.D
Acq: 2 Nov 2018 21:57

Instrument :
BNA_G
ClientSampleId :
CPS07381

Tgt Ion: 99 Resp: 197382

Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.0	22.4
71	32.1	25.5	38.3

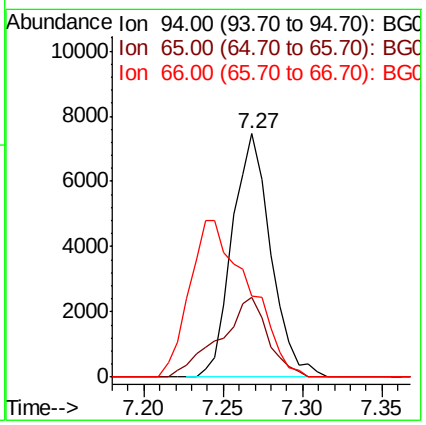


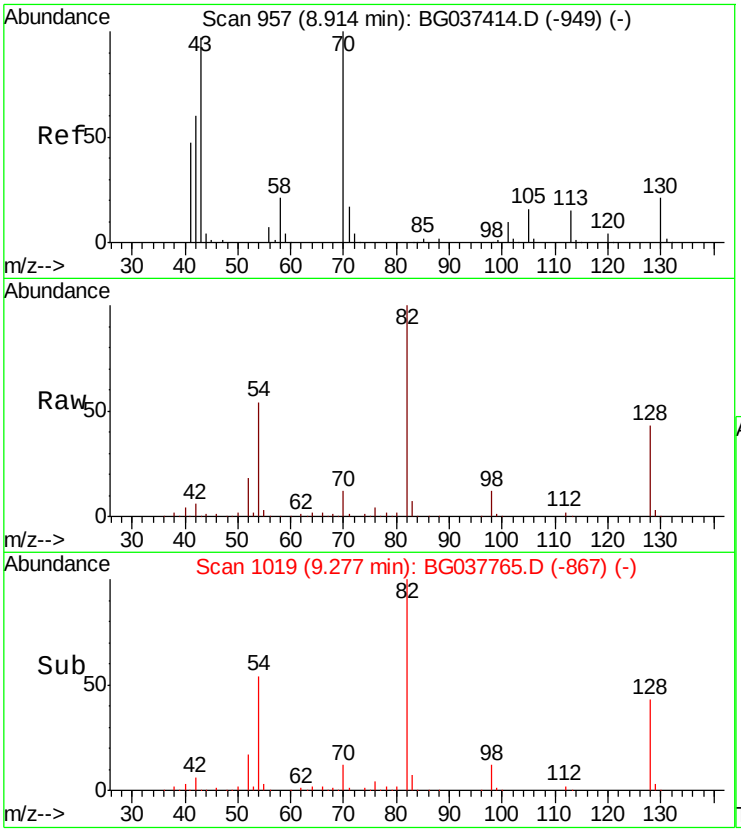


#10
Phenol
Concen: 2.104 ng
RT: 7.27 min Scan# 677
Delta R.T. -0.01 min
Lab File: BG037765.D
Acq: 2 Nov 2018 21:57

Tgt Ion: 94 Resp: 12590

Ion	Ratio	Lower	Upper
94	100		
65	32.7	9.7	49.7
66	33.4	15.9	55.9



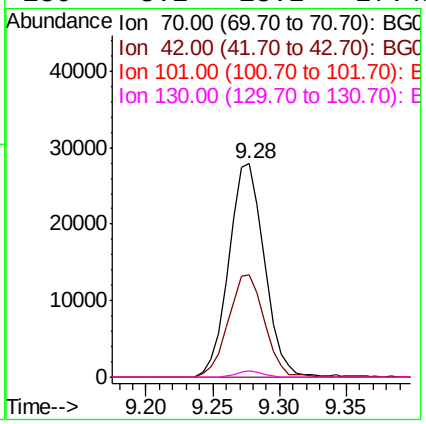


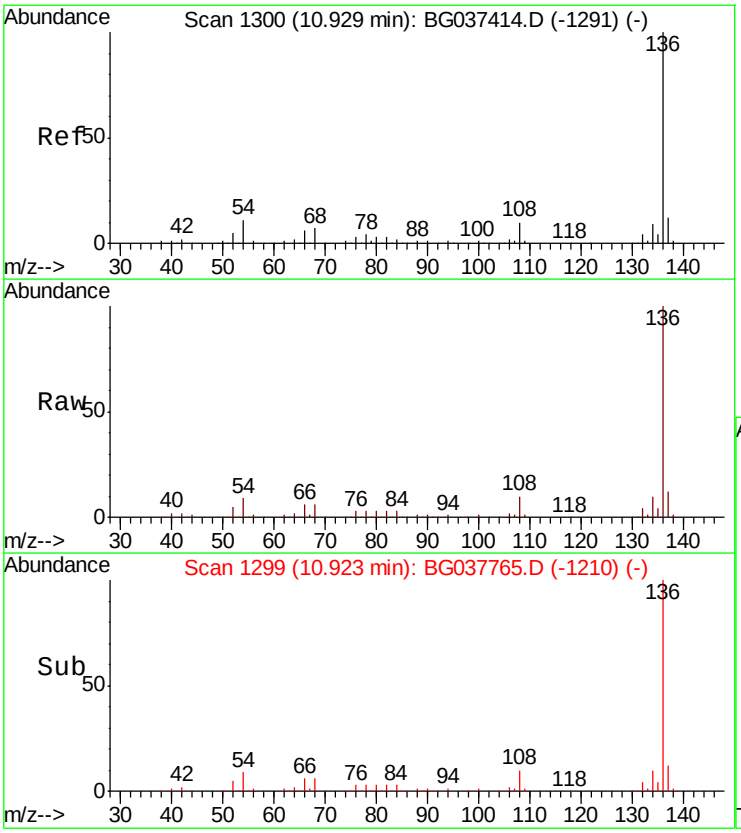
#19
n-Nitroso-di-n-propylamine
Concen: 13.263 ng
RT: 9.28 min Scan# 1019
Delta R.T. 0.36 min
Lab File: BG037765.D
Acq: 2 Nov 2018 21:57

Instrument :
BNA_G
ClientSampleId :
CPS07381

Tgt Ion: 70 Resp: 51796

Ion	Ratio	Lower	Upper
70	100		
42	47.9	53.9	80.9#
101	0.0	8.2	12.2#
130	3.2	18.2	27.4#

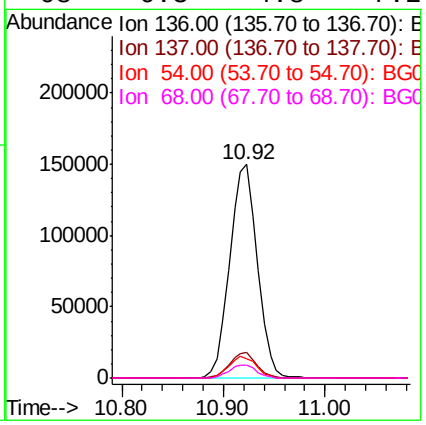


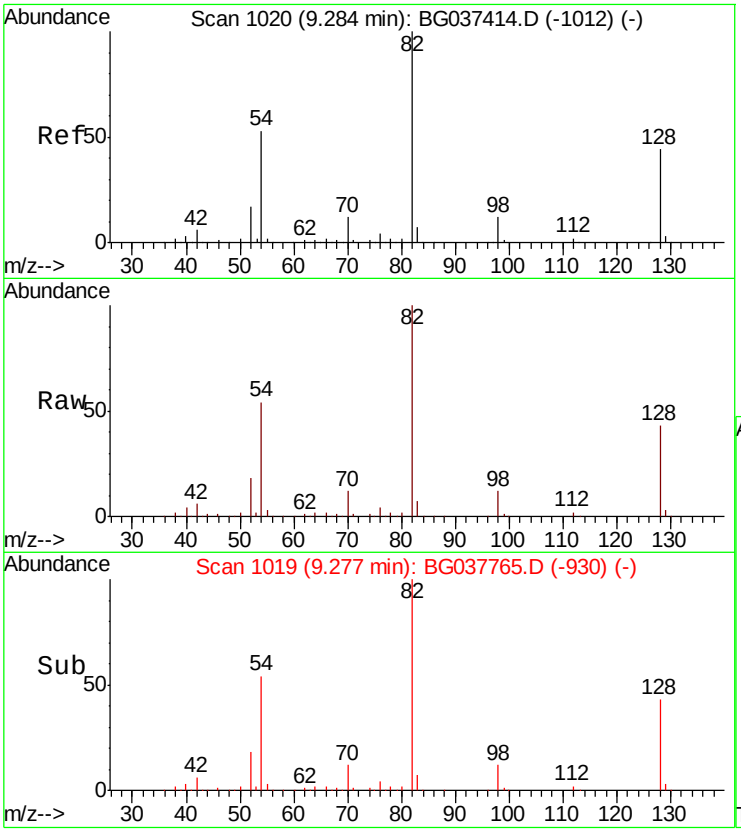


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037765.D
Acq: 2 Nov 2018 21:57

Tgt Ion:136 Resp: 282455

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.6	14.4
54	9.2	7.9	11.9
68	6.3	4.8	7.2



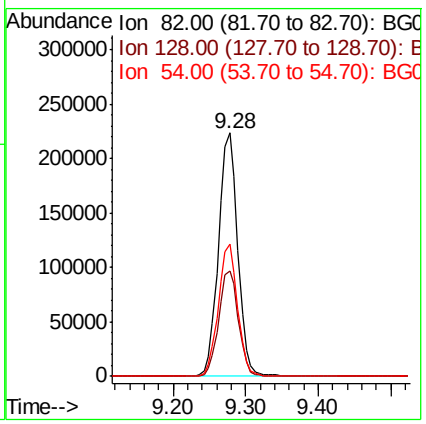


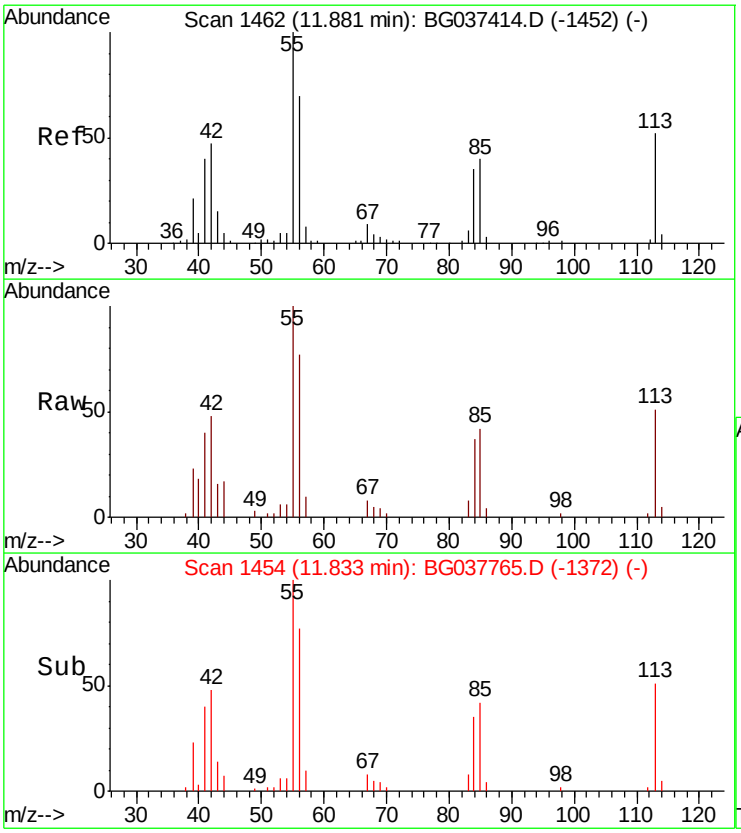
#23
Nitrobenzene-d5
Concen: 82.047 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037765.D
Acq: 2 Nov 2018 21:57

Instrument :
BNA_G
ClientSampleId :
CPS07381

Tgt Ion: 82 Resp: 413694

Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.6	51.8
54	54.4	45.3	67.9

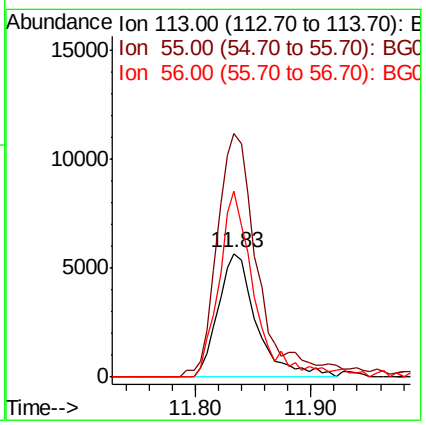


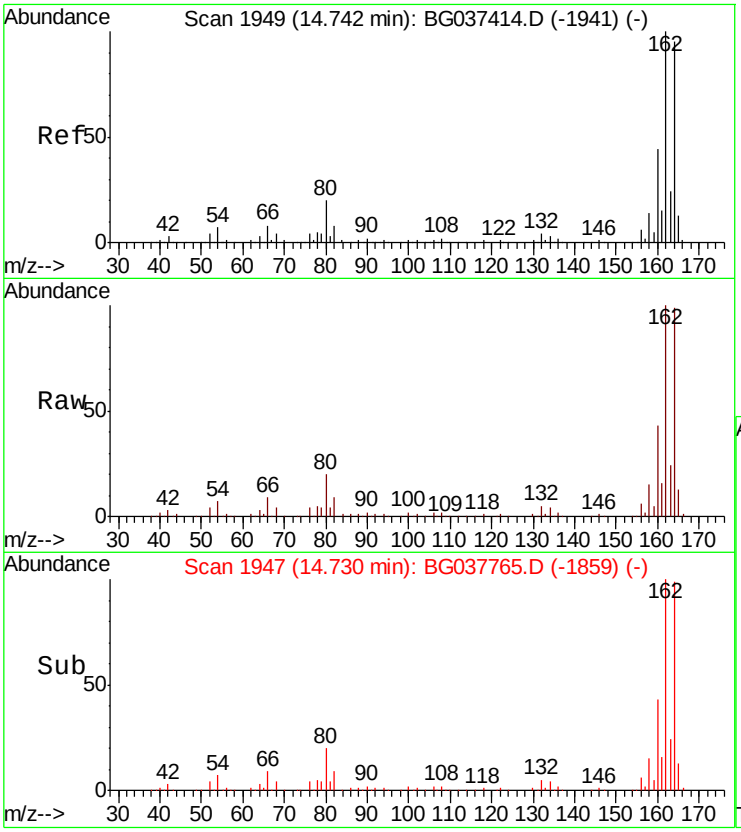


#35
Caprolactam
Concen: 6.928 ng
RT: 11.83 min Scan# 1454
Delta R.T. -0.05 min
Lab File: BG037765.D
Acq: 2 Nov 2018 21:57

Tgt Ion:113 Resp: 13034

Ion	Ratio	Lower	Upper
113	100		
55	197.1	176.6	216.6
56	151.0	128.3	168.3



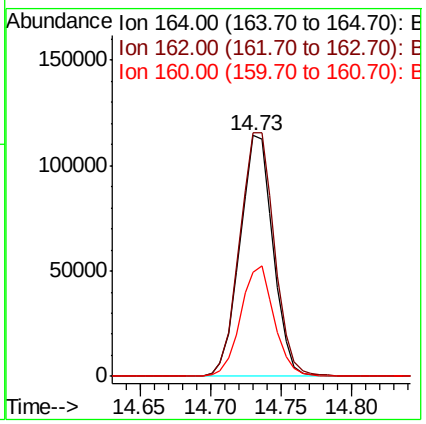


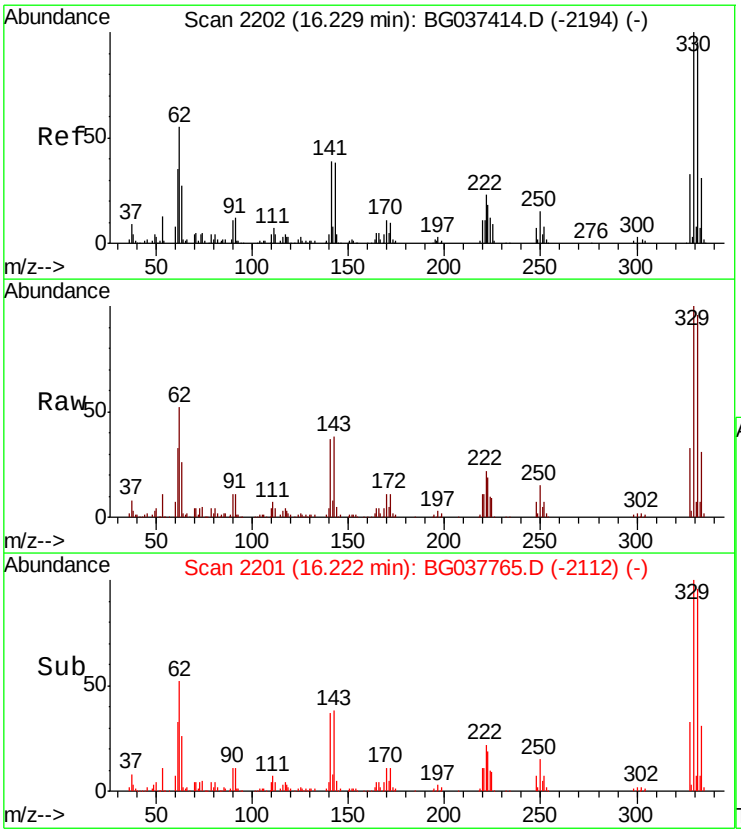
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG037765.D
Acq: 2 Nov 2018 21:57

Instrument :
BNA_G
ClientSampleId :
CPS07381

Tgt Ion:164 Resp: 188245

Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.3	121.9
160	43.2	36.3	54.5

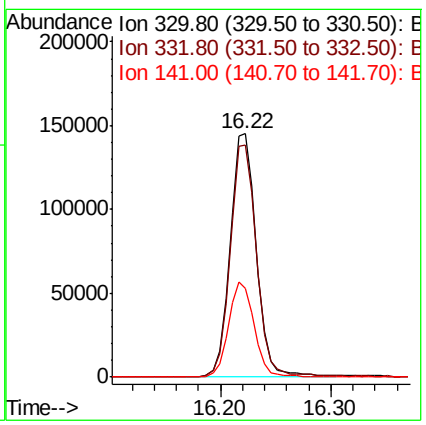


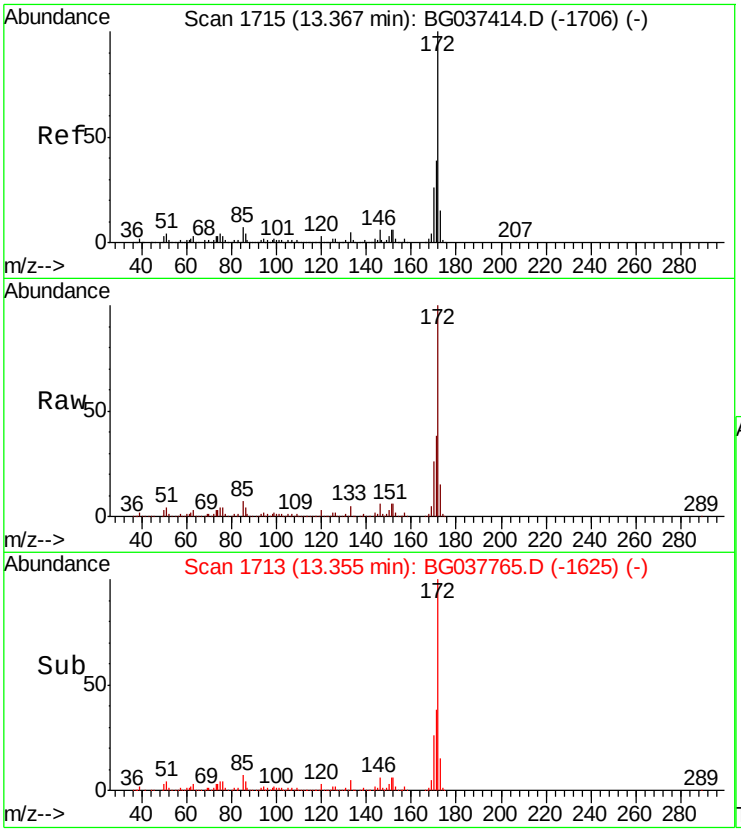


#42
2,4,6-Tribromophenol
Concen: 117.591 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG037765.D
Acq: 2 Nov 2018 21:57

Tgt Ion:330 Resp: 241434

Ion	Ratio	Lower	Upper
330	100		
332	95.7	78.4	117.6
141	38.4	32.2	48.2



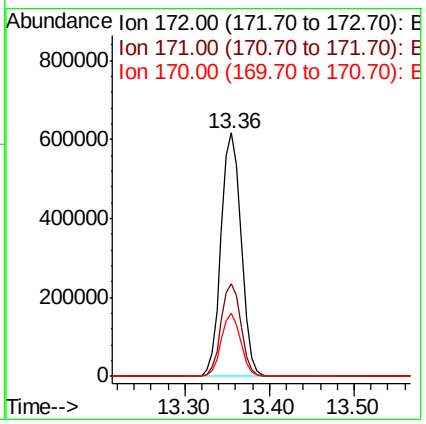


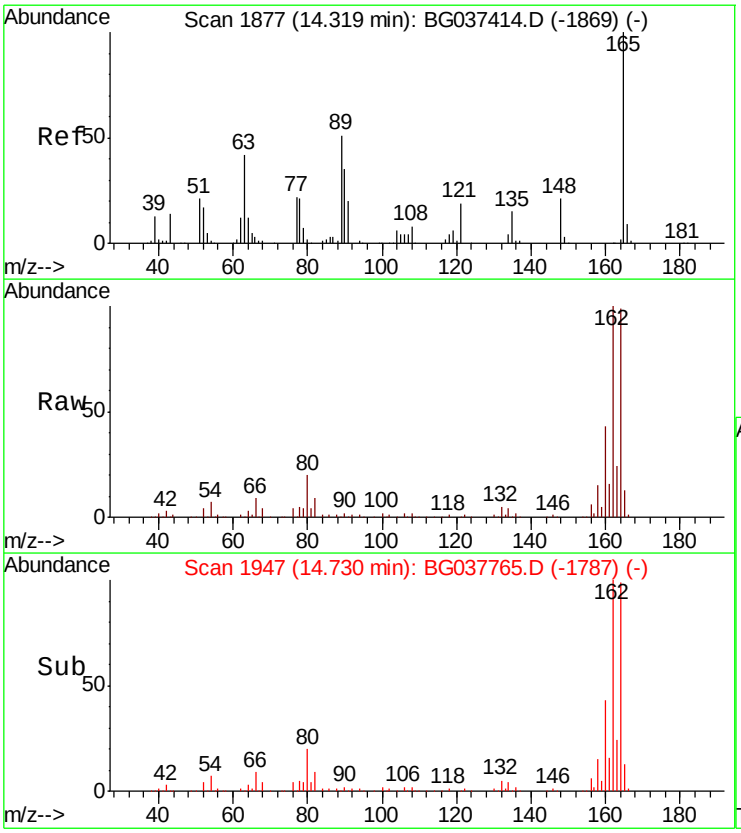
#45
2-Fluorobiphenyl
Concen: 81.605 ng
RT: 13.36 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG037765.D
Acq: 2 Nov 2018 21:57

Instrument :
BNA_G
ClientSampleId :
CPS07381

Tgt Ion:172 Resp: 1018715

Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.0	46.4
170	25.8	20.2	30.2

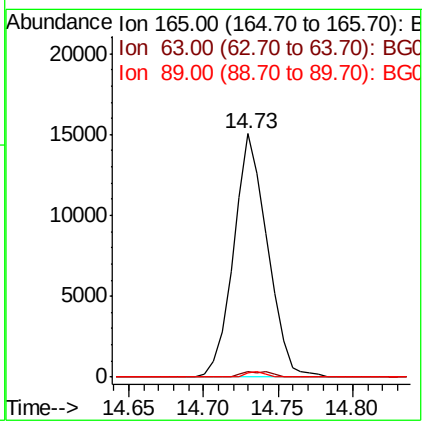


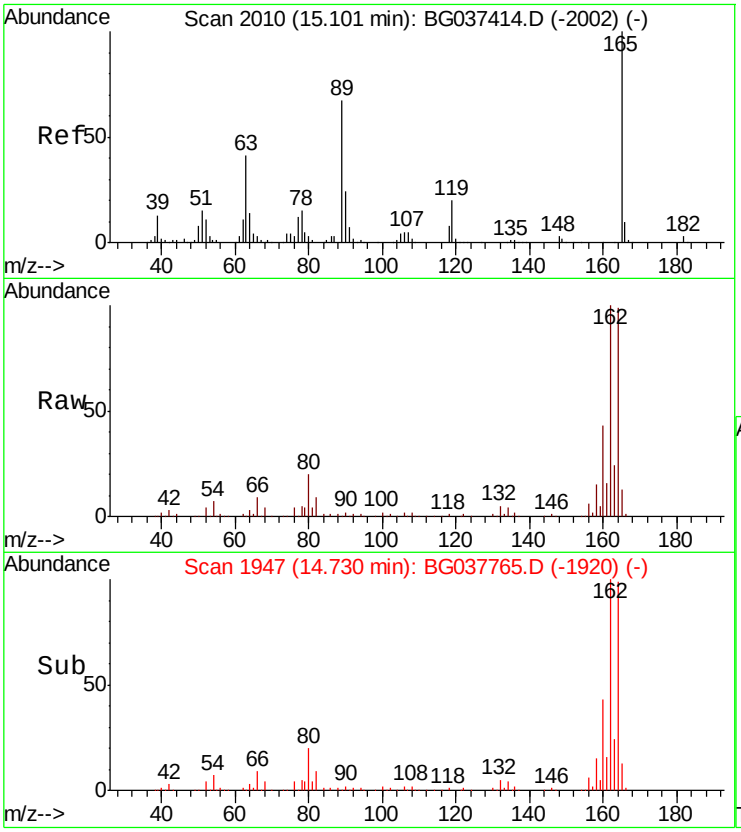


#51
2,6-Dinitrotoluene
Concen: 7.332 ng
RT: 14.73 min Scan# 1947
Delta R.T. 0.41 min
Lab File: BG037765.D
Acq: 2 Nov 2018 21:57

Tgt Ion:165 Resp: 23622

Ion	Ratio	Lower	Upper
165	100		
63	2.3	43.4	65.2#
89	2.0	45.8	68.6#



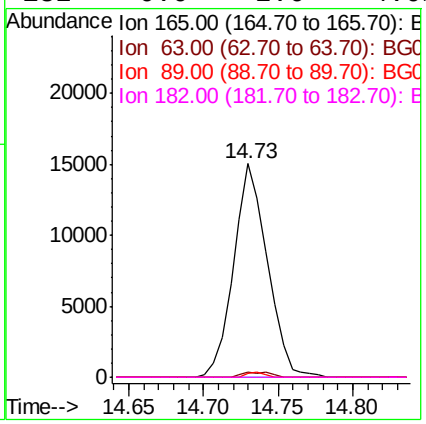


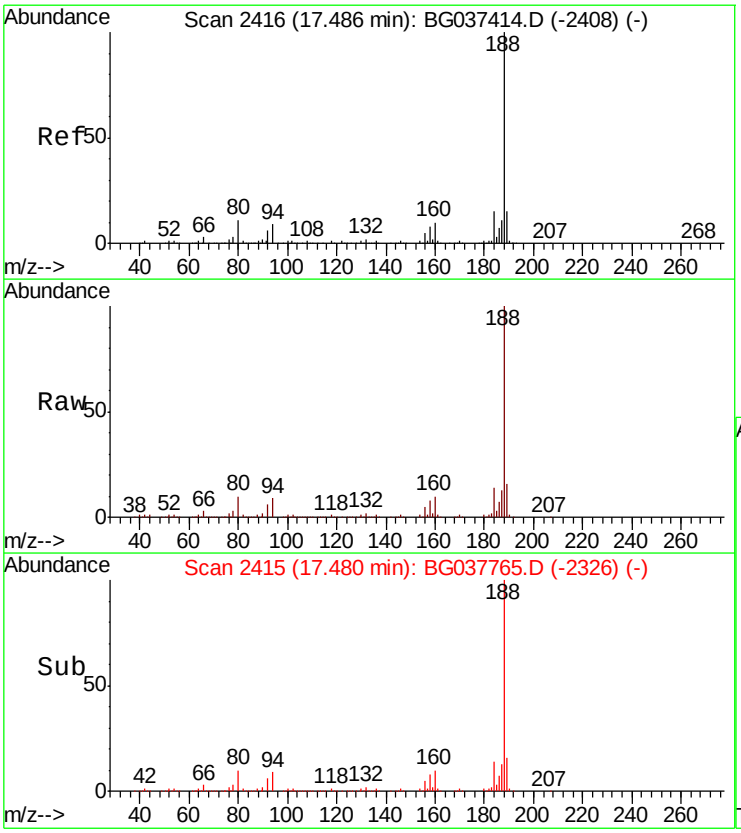
#57
2,4-Dinitrotoluene
Concen: 5.586 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.37 min
Lab File: BG037765.D
Acq: 2 Nov 2018 21:57

Instrument :
BNA_G
ClientSampleId :
CPS07381

Tgt Ion:165 Resp: 23622

Ion	Ratio	Lower	Upper
165	100		
63	2.3	33.4	50.0#
89	2.0	57.2	85.8#
182	0.0	2.6	4.0#

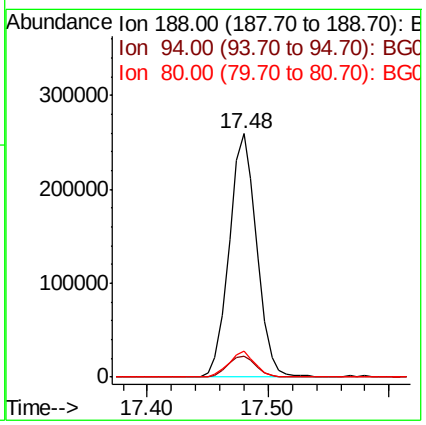


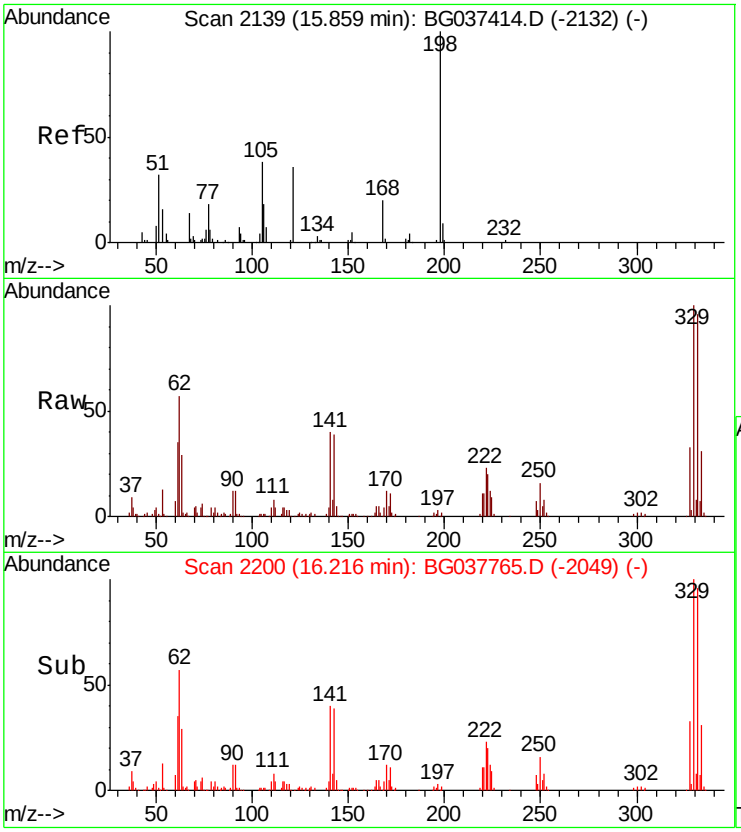


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037765.D
Acq: 2 Nov 2018 21:57

Tgt Ion:188 Resp: 410483

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	10.4	7.7	11.5



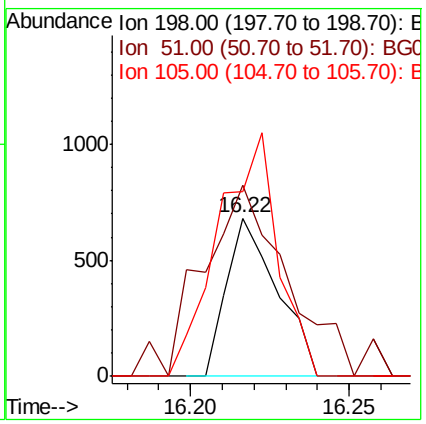


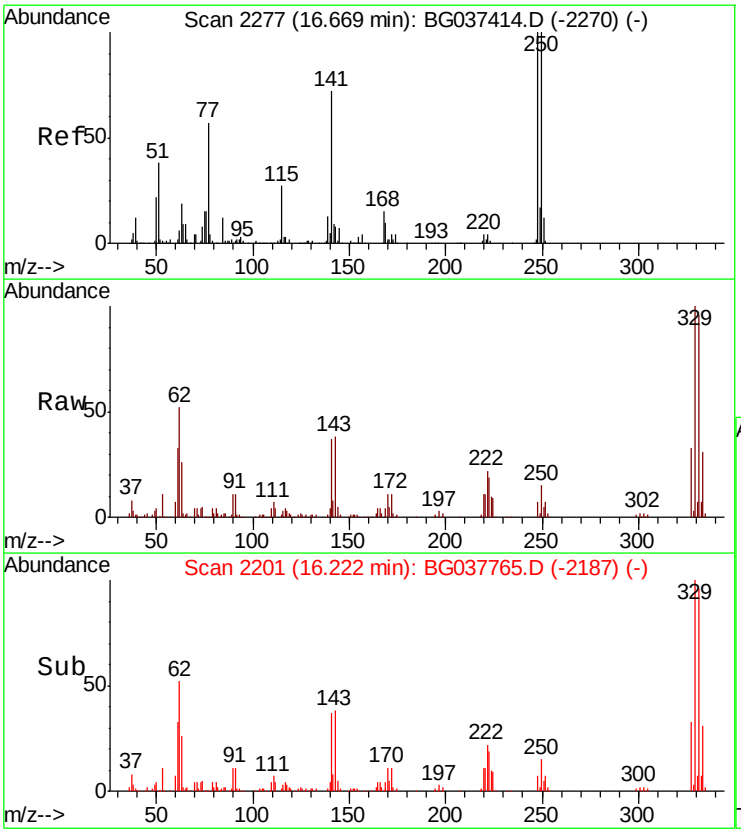
#65
4,6-Dinitro-2-methylphenol
Concen: 8.795 ng
RT: 16.22 min Scan# 2200
Delta R.T. 0.36 min
Lab File: BG037765.D
Acq: 2 Nov 2018 21:57

Instrument :
BNA_G
ClientSampleId :
CPS07381

Tgt Ion:198 Resp: 753

Ion	Ratio	Lower	Upper
198	100		
51	28.8	22.7	62.7
105	27.7	19.7	59.7

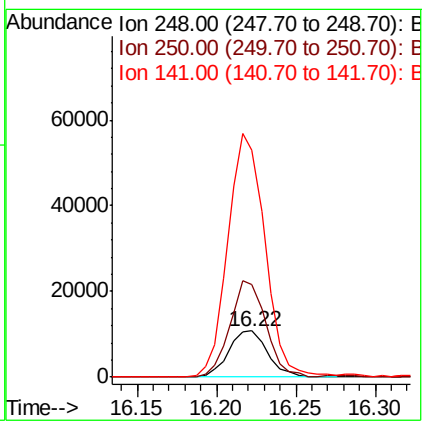


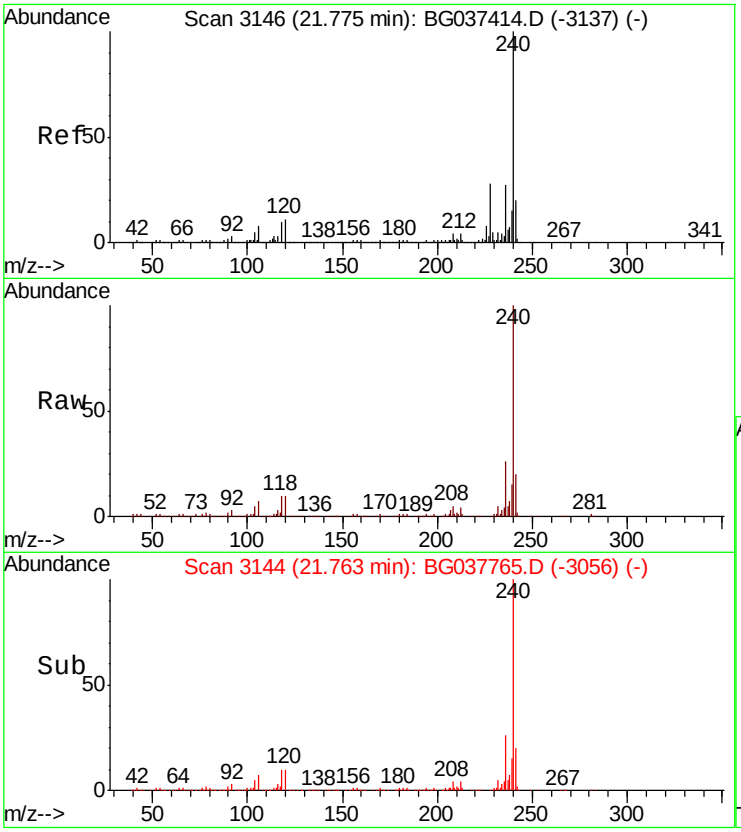


#67
4-Bromophenyl-phenylether
Concen: 4.035 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.45 min
Lab File: BG037765.D
Acq: 2 Nov 2018 21:57

Tgt Ion:248 Resp: 18189

Ion	Ratio	Lower	Upper
248	100		
250	206.6	77.0	115.6#
141	388.2	55.5	83.3#



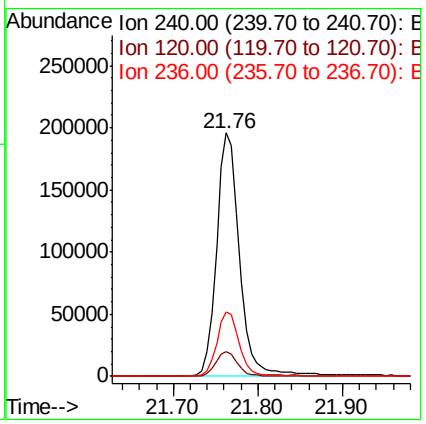


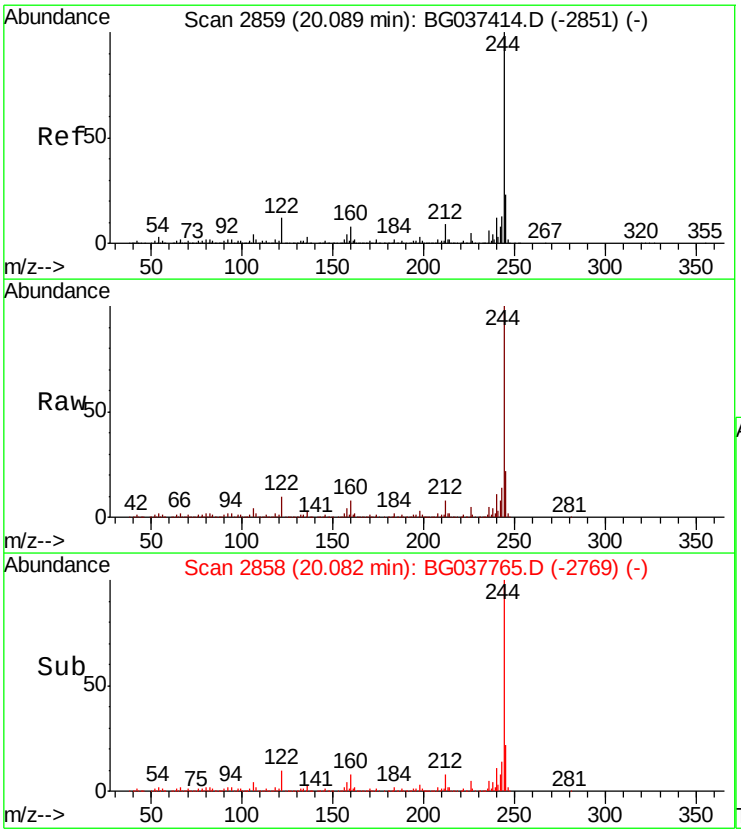
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037765.D
Acq: 2 Nov 2018 21:57

Instrument :
BNA_G
ClientSampleId :
CPS07381

Tgt Ion:240 Resp: 372107

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.1	12.1
236	26.2	21.4	32.0

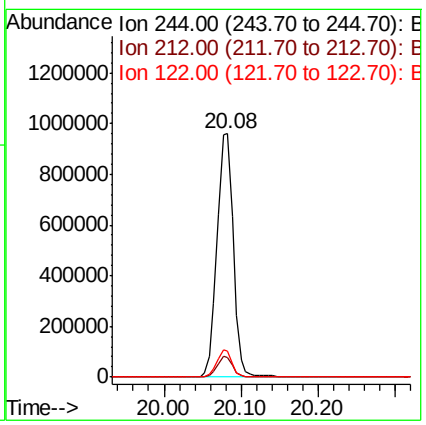


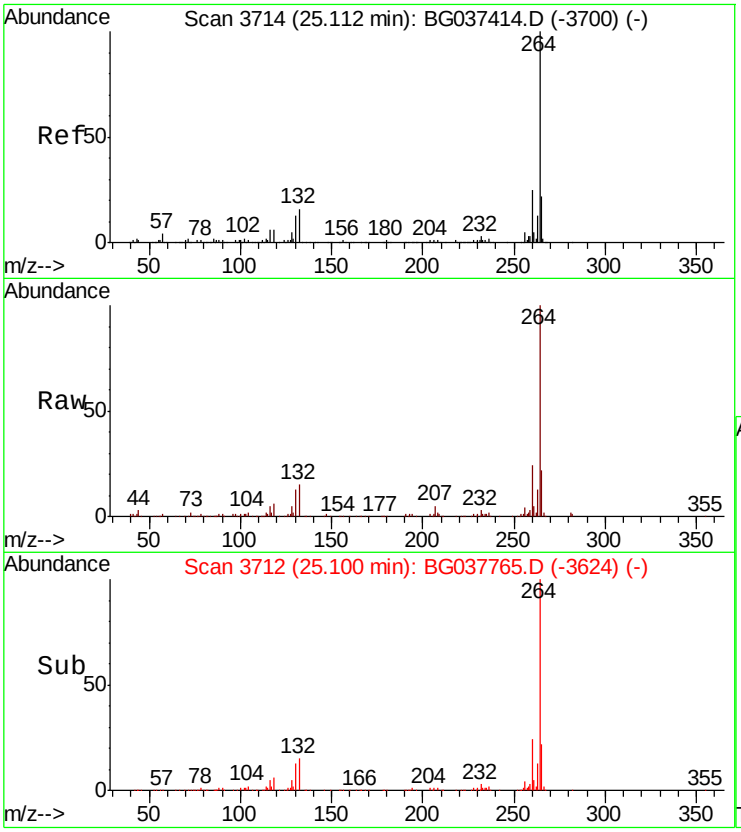


#79
Terphenyl-d14
Concen: 80.931 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG037765.D
Acq: 2 Nov 2018 21:57

Tgt Ion:244 Resp: 1409379

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	10.5	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: BG037765.D
Acq: 2 Nov 2018 21:57

Instrument :
BNA_G
ClientSampleId :
CPS07381

Tgt Ion:264 Resp: 326522

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.4
265	22.4	17.9	26.9