Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103118\
Data File : BG037715.D
Acq On : 1 Nov 2018 12:36
Operator : JU/SJ
Sample : J5731-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Nov 01 14:20:28 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	52477	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	226318	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	153262	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	368320	20.00	ng		0.00
76) Chrysene-d12	21.76	240	333990	20.00	ng		-0.01
87) Perylene-d12	25.10	264	294595	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	143214	45.63	ng		0.00
7) Phenol-d6	7.24	99	134427	28.32	ng		0.00
23) Nitrobenzene-d5	9.28	82	408137	101.02	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	154069	92.17	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	973712	95.80	ng		0.00
79) Terphenyl-d14	20.08	244	1378055	88.16	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.27	94	25044	5.001	ng		97
19) n-Nitroso-di-n-propylamine	9.28	70	51380	15.720	ng	#	74
51) 2,6-Dinitrotoluene	14.73	165	20366	7.765	ng	#	25
57) 2,4-Dinitrotoluene	14.73	165	20366	5.915	ng	#	25
65) 4,6-Dinitro-2-methylphenol	16.22	198	250	8.614	ng		75
67) 4-Bromophenyl-phenylether	16.22	248	10872	2.688	ng	#	1

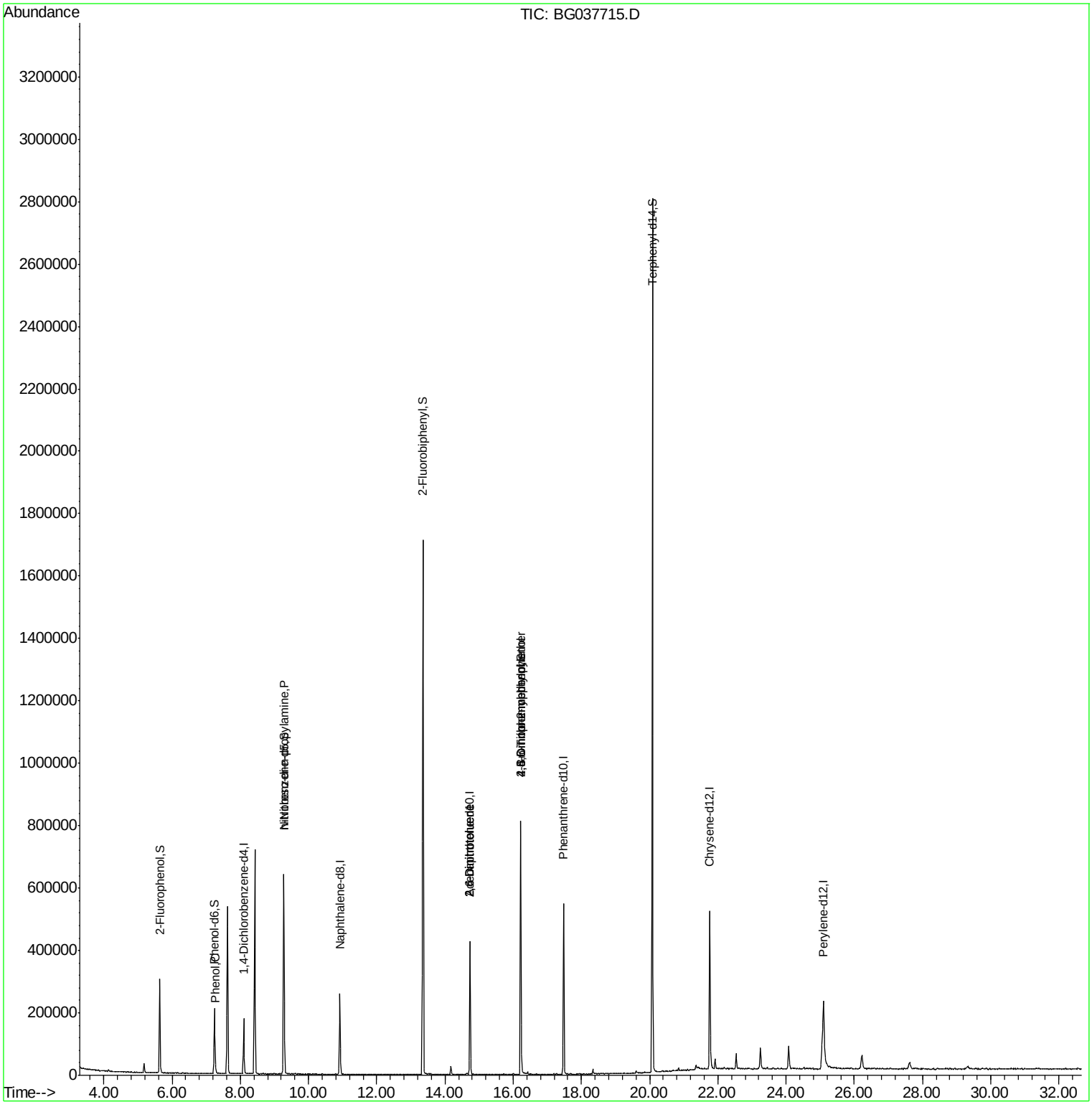
(#) = qualifier out of range (m) = manual integration (+) = signals summed

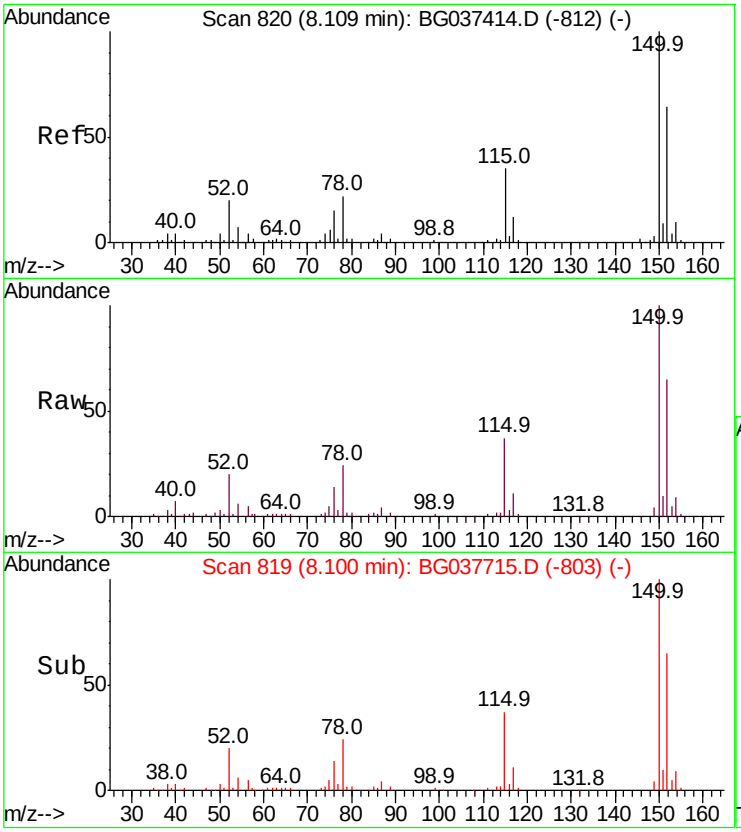
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103118\
Data File : BG037715.D
Acq On : 1 Nov 2018 12:36
Operator : JU/SJ
Sample : J5731-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 01 14:20:28 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



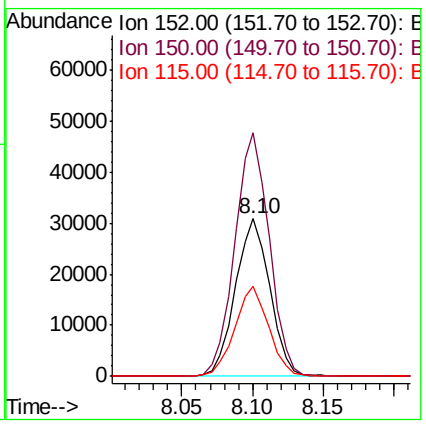


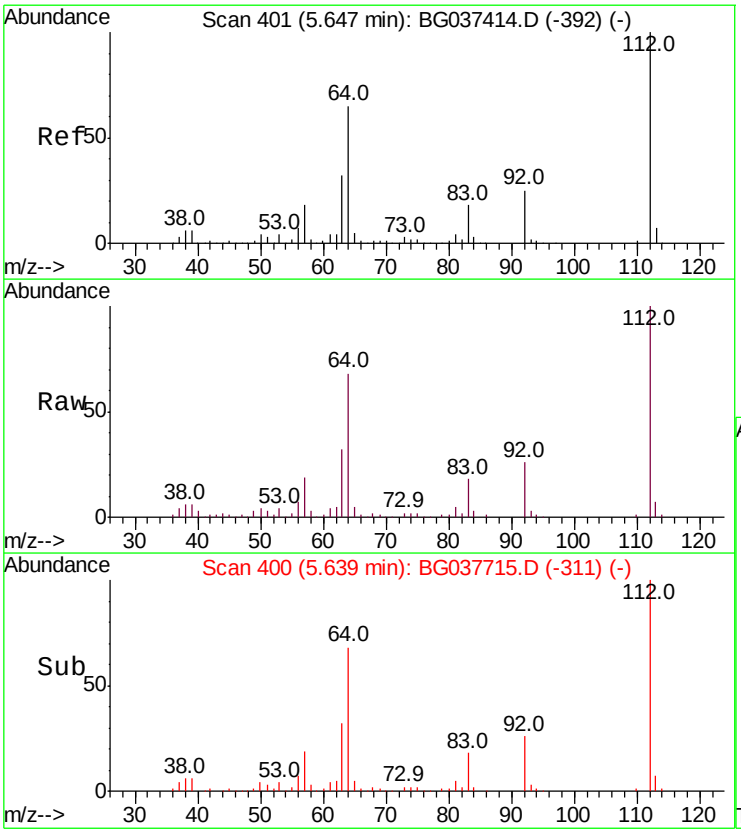
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037715.D
Acq: 1 Nov 2018 12:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 52477

Ion	Ratio	Lower	Upper
152	100		
150	154.3	126.0	189.0
115	57.0	45.5	68.3

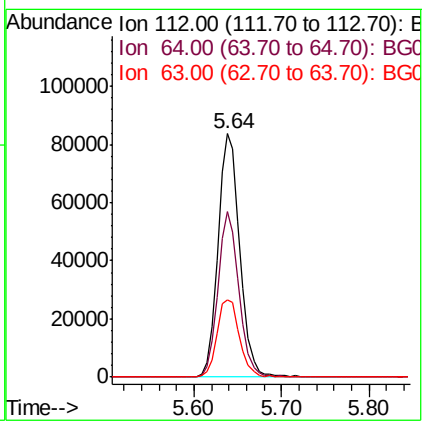


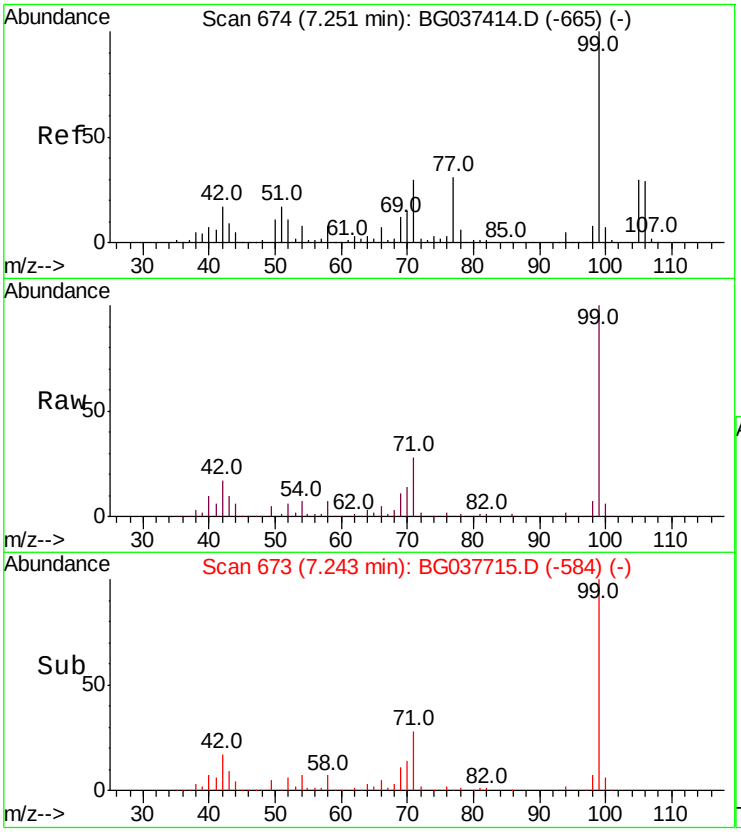


#5
2-Fluorophenol
Concen: 45.626 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037715.D
Acq: 1 Nov 2018 12:36

Tgt Ion:112 Resp: 143214

Ion	Ratio	Lower	Upper
112	100		
64	68.1	53.1	79.7
63	31.9	27.3	40.9



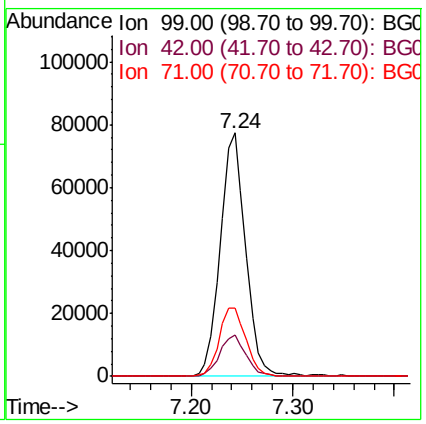


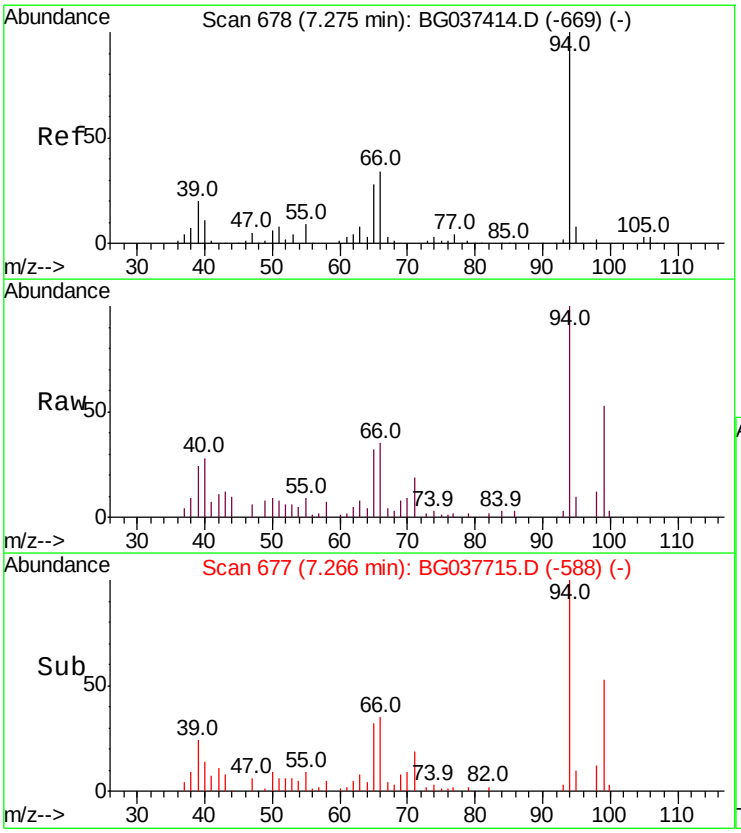
#7
Phenol-d6
Concen: 28.322 ng
RT: 7.24 min Scan# 673
Delta R.T. -0.01 min
Lab File: BG037715.D
Acq: 1 Nov 2018 12:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 134427

Ion	Ratio	Lower	Upper
99	100		
42	17.0	15.0	22.4
71	27.9	25.5	38.3

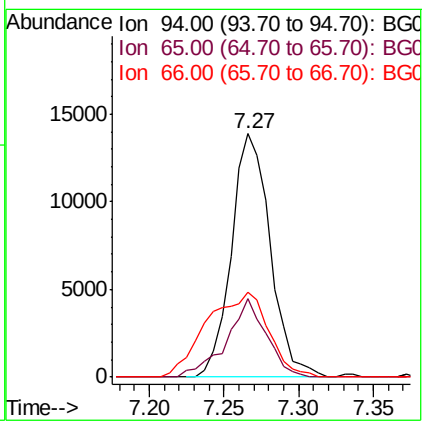


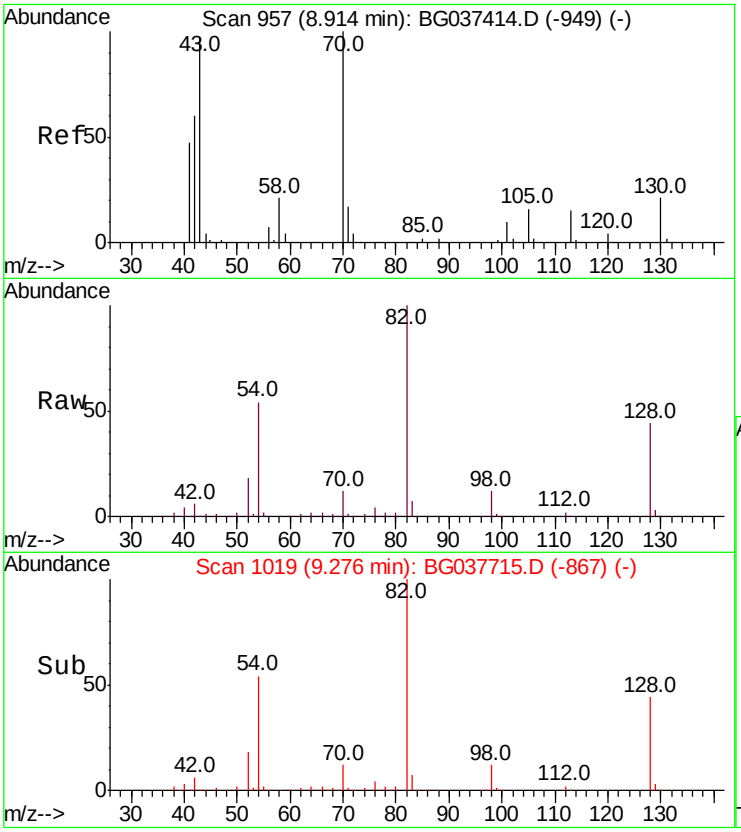


#10
Phenol
Concen: 5.001 ng
RT: 7.27 min Scan# 677
Delta R.T. -0.01 min
Lab File: BG037715.D
Acq: 1 Nov 2018 12:36

Tgt Ion: 94 Resp: 25044

Ion	Ratio	Lower	Upper
94	100		
65	32.4	9.7	49.7
66	35.1	15.9	55.9



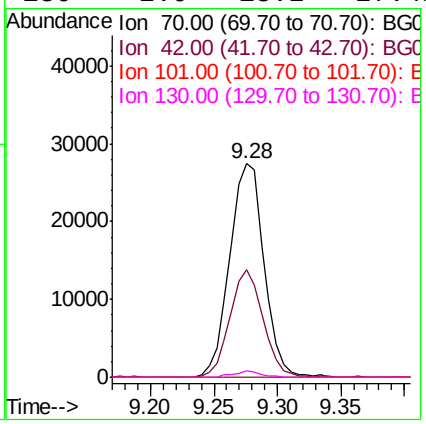


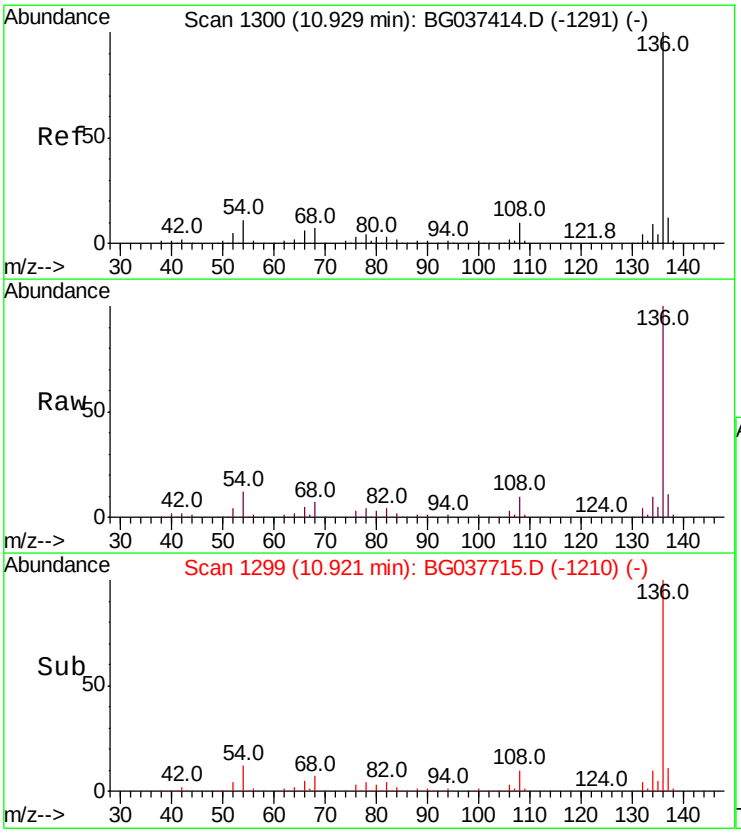
#19
n-Nitroso-di-n-propylamine
Concen: 15.720 ng
RT: 9.28 min Scan# 1019
Delta R.T. 0.36 min
Lab File: BG037715.D
Acq: 1 Nov 2018 12:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 51380

Ion	Ratio	Lower	Upper
70	100		
42	50.3	53.9	80.9#
101	0.0	8.2	12.2#
130	2.9	18.2	27.4#

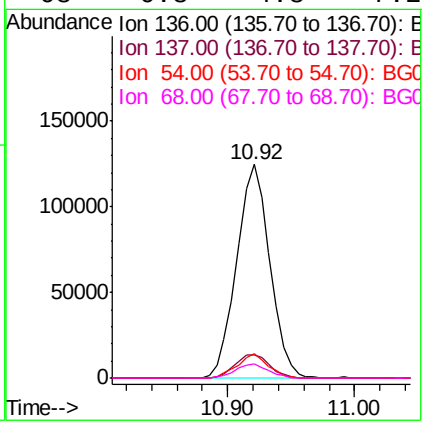


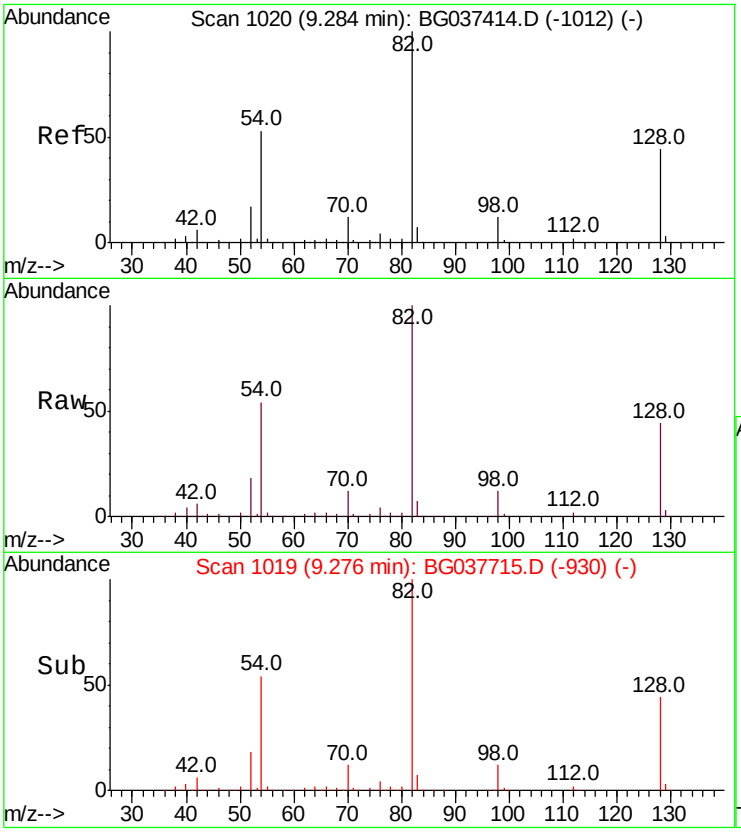


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037715.D
Acq: 1 Nov 2018 12:36

Tgt Ion:136 Resp: 226318

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.6	14.4
54	11.7	7.9	11.9
68	6.8	4.8	7.2



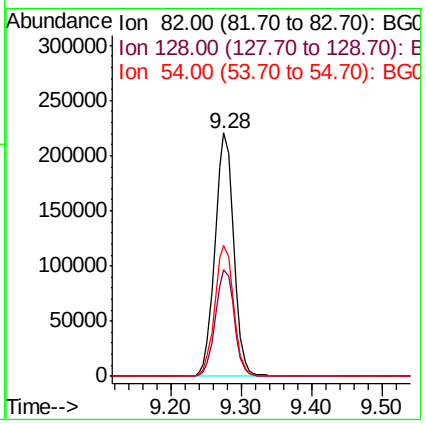


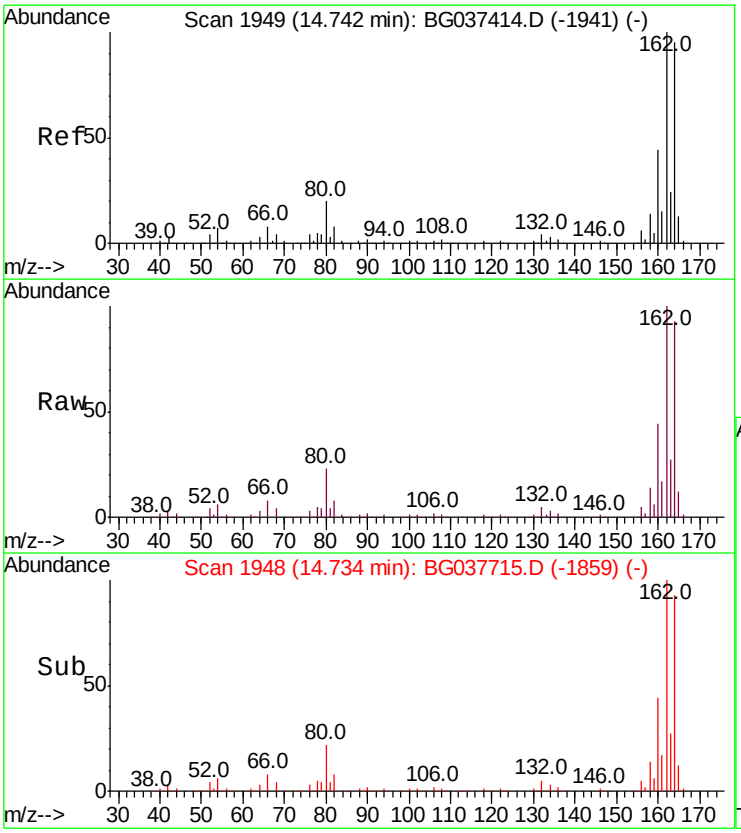
#23
Nitrobenzene-d5
Concen: 101.023 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037715.D
Acq: 1 Nov 2018 12:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 408137

Ion	Ratio	Lower	Upper
82	100		
128	43.7	34.6	51.8
54	53.9	45.3	67.9

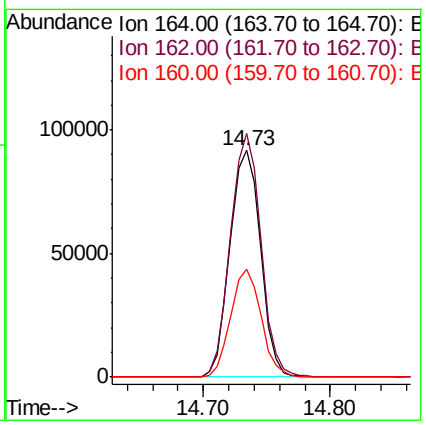


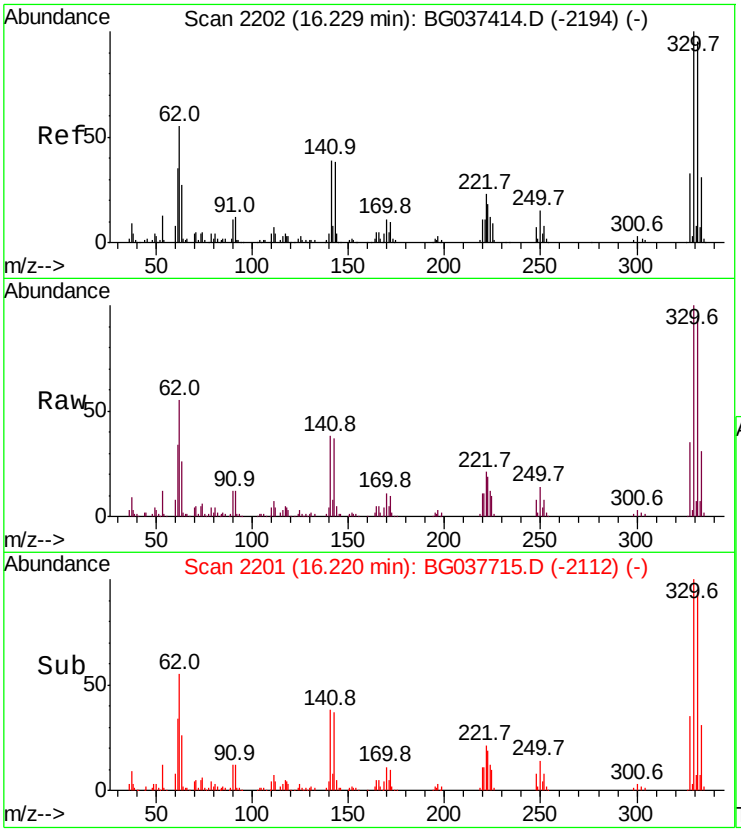


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037715.D
Acq: 1 Nov 2018 12:36

Tgt Ion:164 Resp: 153262

Ion	Ratio	Lower	Upper
164	100		
162	107.3	81.3	121.9
160	47.4	36.3	54.5



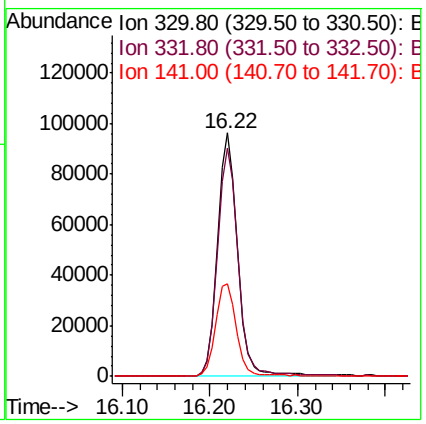


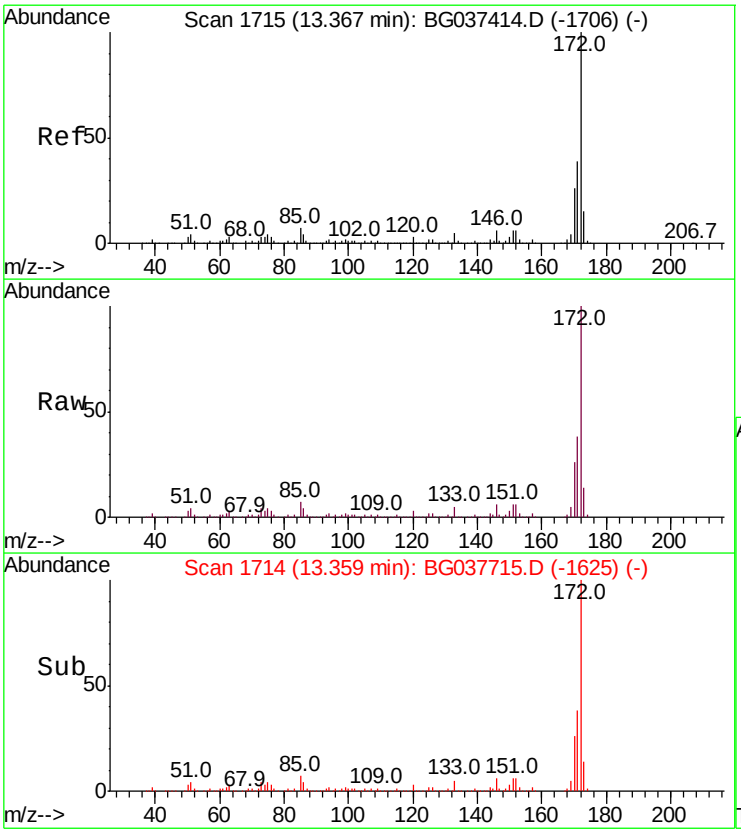
#42
2,4,6-Tribromophenol
Concen: 92.168 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG037715.D
Acq: 1 Nov 2018 12:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 154069

Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.4	117.6
141	40.0	32.2	48.2

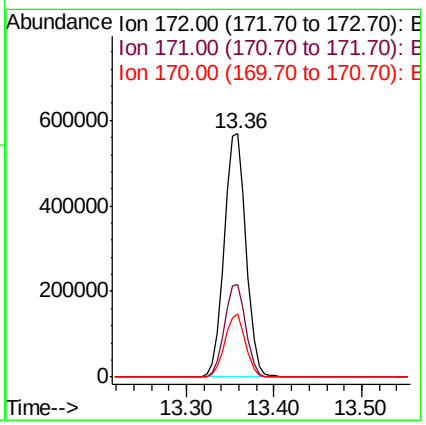


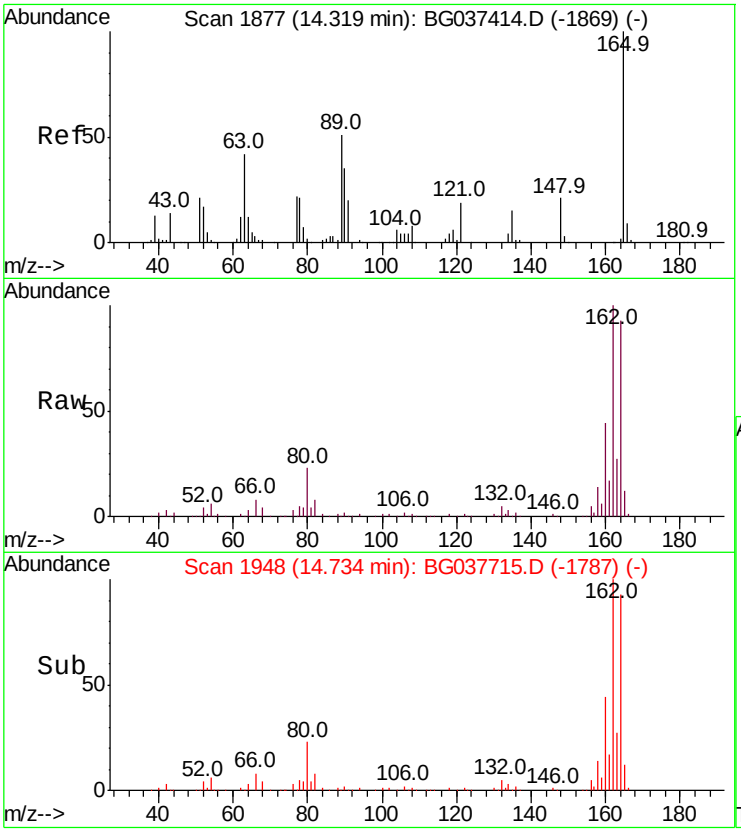


#45
2-Fluorobiphenyl
Concen: 95.803 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037715.D
Acq: 1 Nov 2018 12:36

Tgt Ion:172 Resp: 973712

Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.0	46.4
170	25.7	20.2	30.2



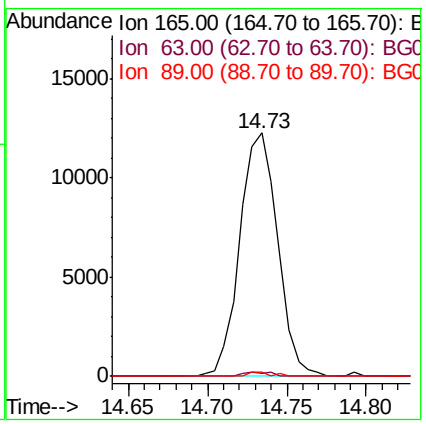


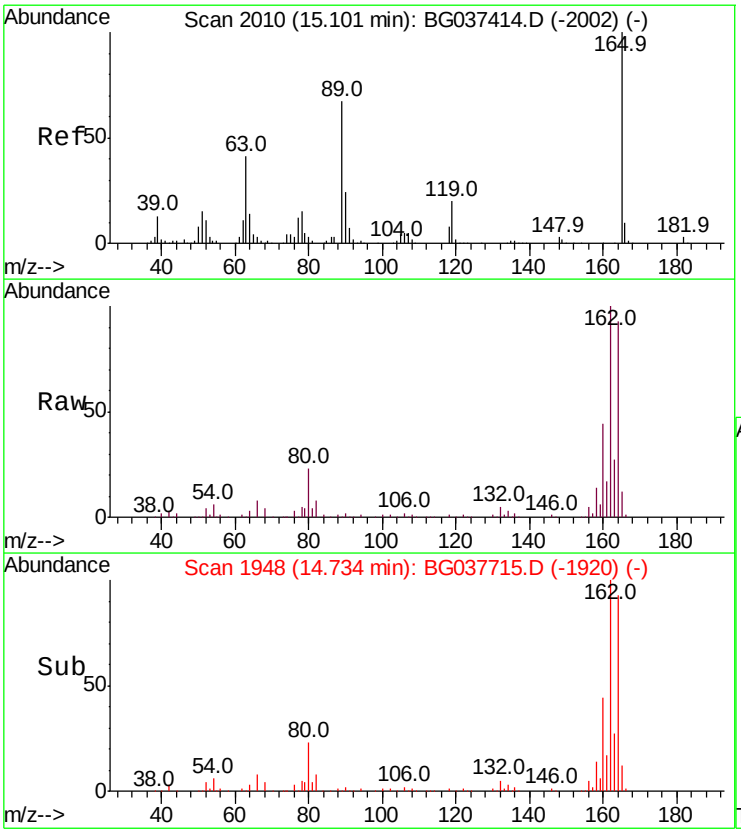
#51
2,6-Dinitrotoluene
Concen: 7.765 ng
RT: 14.73 min Scan# 1948
Delta R.T. 0.41 min
Lab File: BG037715.D
Acq: 1 Nov 2018 12:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 20366

Ion	Ratio	Lower	Upper
165	100		
63	1.4	43.4	65.2#
89	1.7	45.8	68.6#

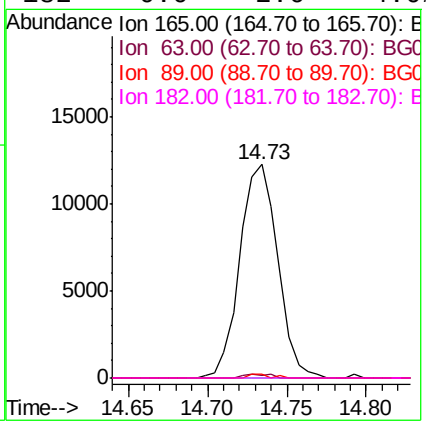


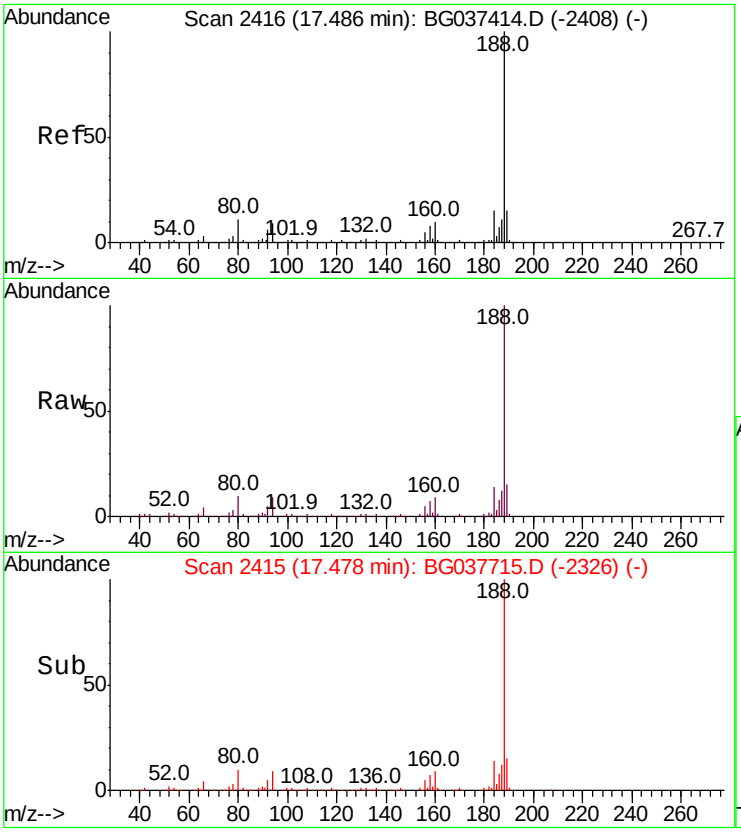


#57
2,4-Dinitrotoluene
Concen: 5.915 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.37 min
Lab File: BG037715.D
Acq: 1 Nov 2018 12:36

Tgt Ion:165 Resp: 20366

Ion	Ratio	Lower	Upper
165	100		
63	1.4	33.4	50.0#
89	1.7	57.2	85.8#
182	0.0	2.6	4.0#



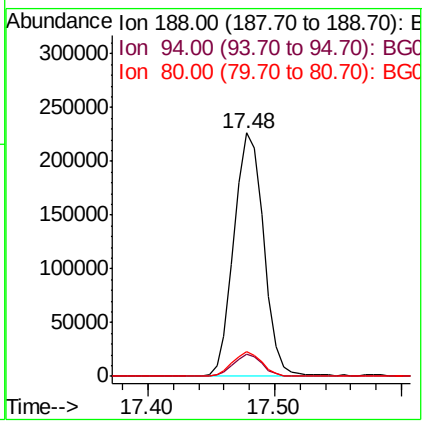


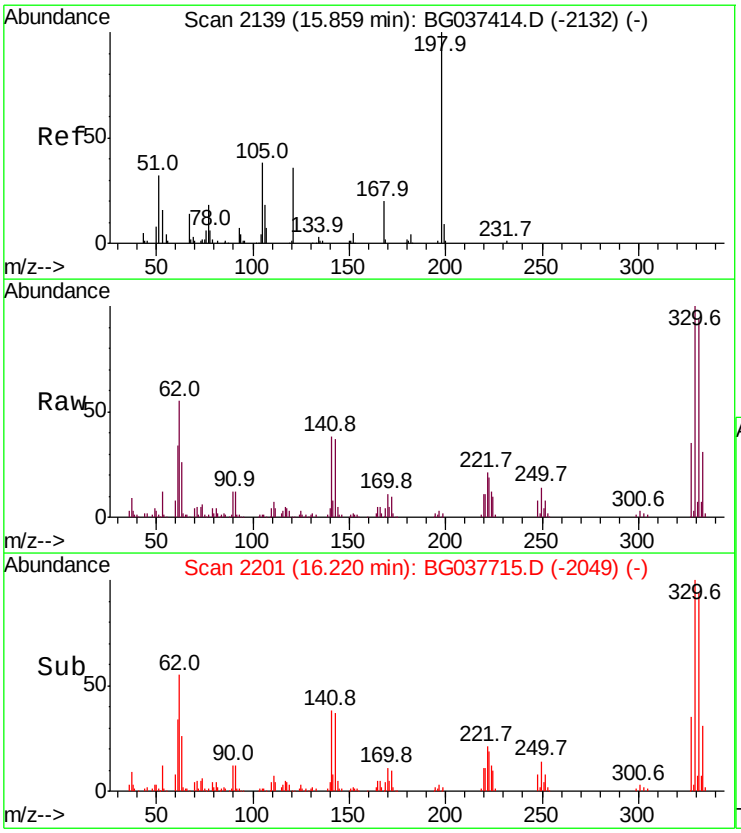
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037715.D
Acq: 1 Nov 2018 12:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 368320

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.2	10.8
80	10.2	7.7	11.5

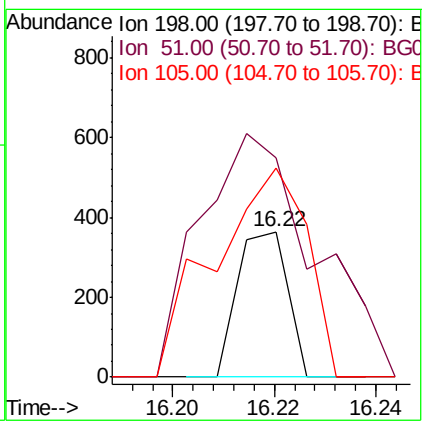


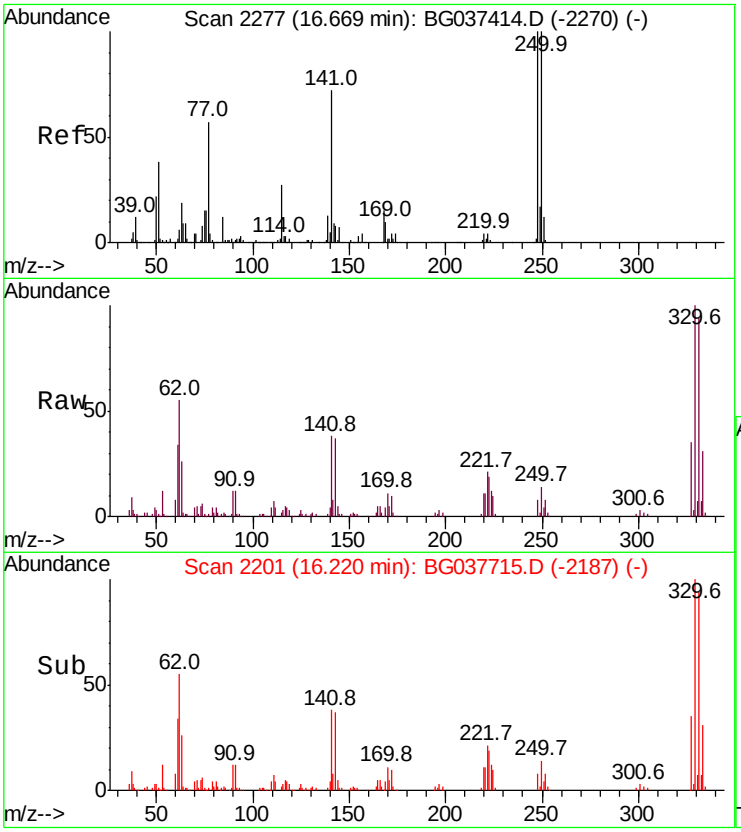


#65
4,6-Dinitro-2-methylphenol
Concen: 8.614 ng
RT: 16.22 min Scan# 2201
Delta R.T. 0.36 min
Lab File: BG037715.D
Acq: 1 Nov 2018 12:36

Tgt Ion:198 Resp: 250

Ion	Ratio	Lower	Upper
198	100		
51	25.9	22.7	62.7
105	24.8	19.7	59.7



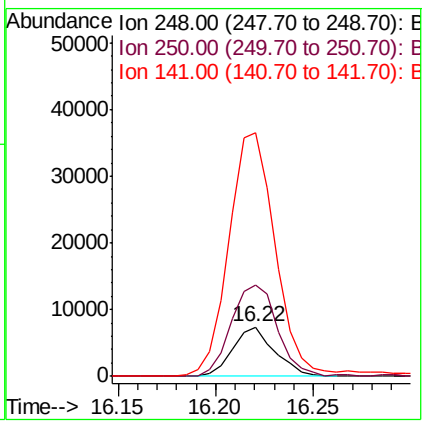


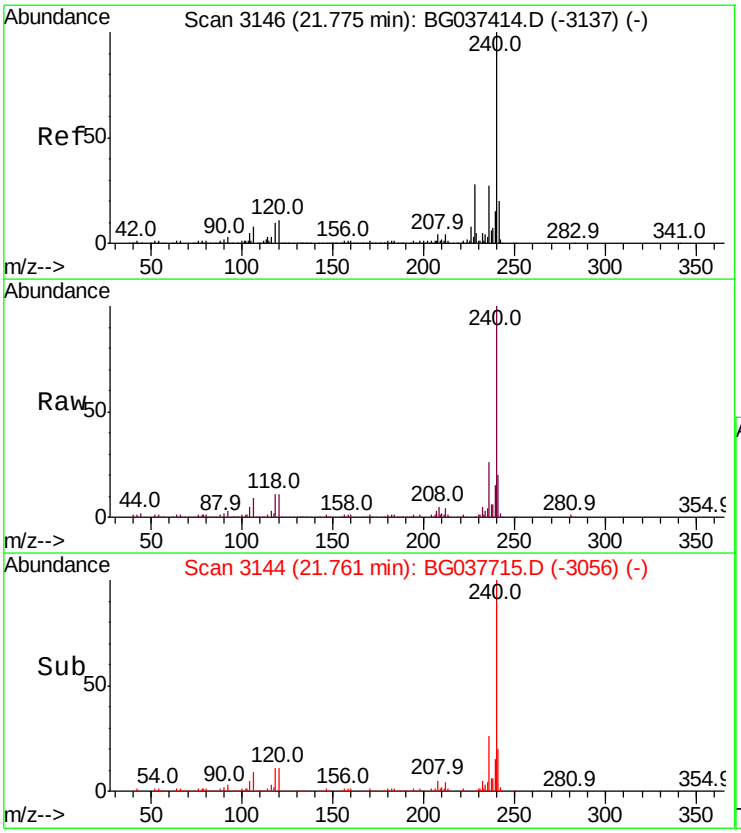
#67
4-Bromophenyl-phenylether
Concen: 2.688 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.45 min
Lab File: BG037715.D
Acq: 1 Nov 2018 12:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 10872

Ion	Ratio	Lower	Upper
248	100		
250	183.1	77.0	115.6#
141	386.8	55.5	83.3#

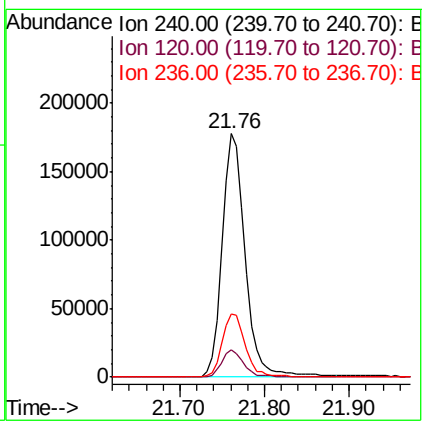


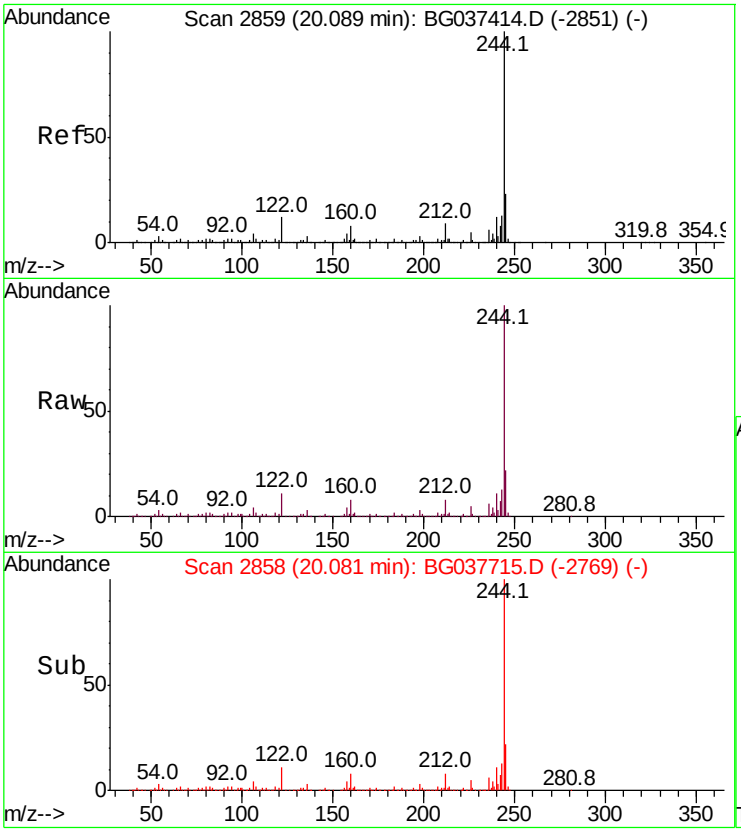


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037715.D
Acq: 1 Nov 2018 12:36

Tgt Ion:240 Resp: 333990

Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.1	12.1
236	26.2	21.4	32.0



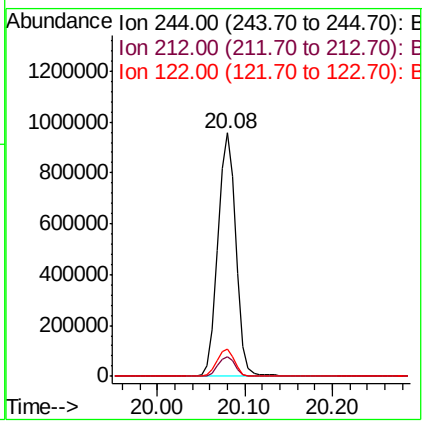


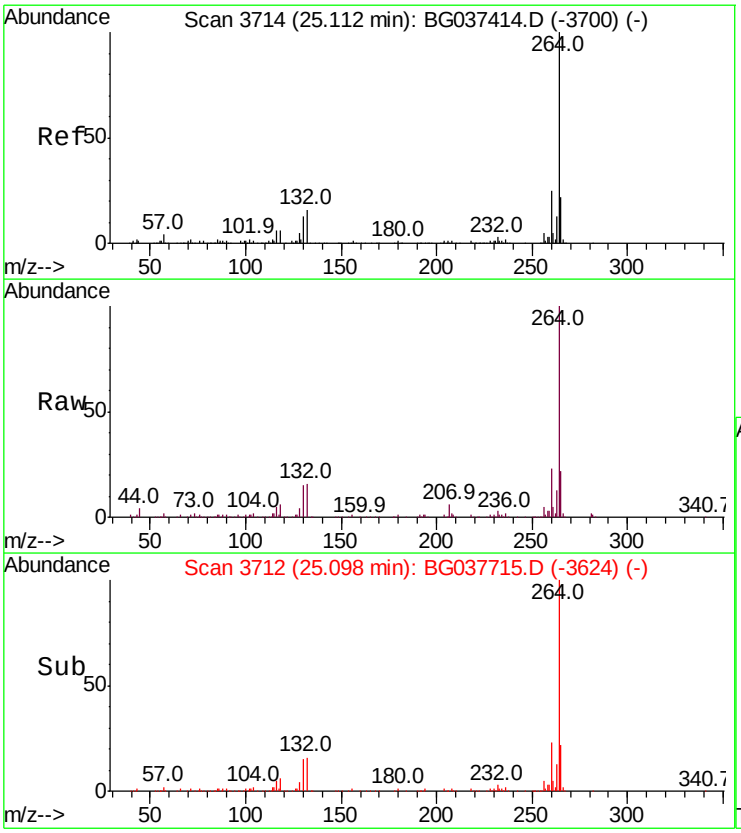
#79
Terphenyl-d14
Concen: 88.164 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG037715.D
Acq: 1 Nov 2018 12:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1378055

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.5	9.7
122	11.3	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: BG037715.D
Acq: 1 Nov 2018 12:36

Tgt Ion:264 Resp: 294595

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.4
265	22.0	17.9	26.9