Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110218\
Data File : BG037766.D
Acq On : 2 Nov 2018 22:36
Operator : JU/SJ
Sample : J5780-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CPS073082

Quant Time: Nov 03 02:30:55 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	57395	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	256562	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	169477	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	366988	20.00	ng		0.00
76) Chrysene-d12	21.76	240	326189	20.00	ng		-0.02
87) Perylene-d12	25.10	264	286835	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	201972	58.83	ng		0.00
7) Phenol-d6	7.24	99	191036	36.80	ng		0.00
23) Nitrobenzene-d5	9.27	82	381555	83.31	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	226414	122.49	ng		0.00
45) 2-Fluorobiphenyl	13.35	172	957412	85.19	ng		-0.02
79) Terphenyl-d14	20.08	244	1313364	86.03	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.27	70	47679	13.338	ng	#	72
35) Caprolactam	11.83	113	8214	4.807	ng		87
51) 2,6-Dinitrotoluene	14.73	165	21871	7.541	ng	#	25
57) 2,4-Dinitrotoluene	14.73	165	21871	5.744	ng	#	25
65) 4,6-Dinitro-2-methylphenol	16.22	198	758	8.831	ng		76
67) 4-Bromophenyl-phenylether	16.22	248	16276	4.039	ng	#	1

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

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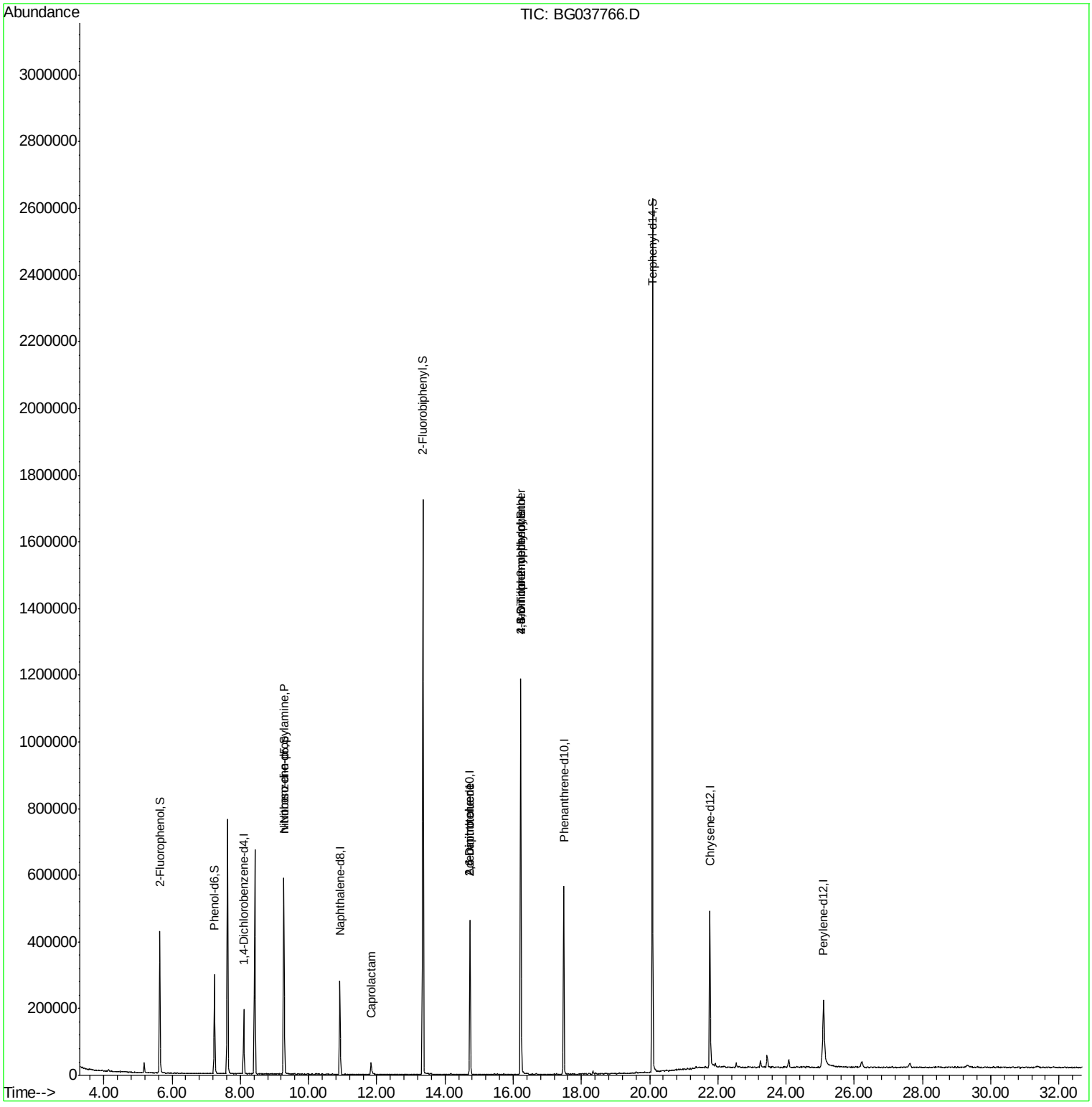
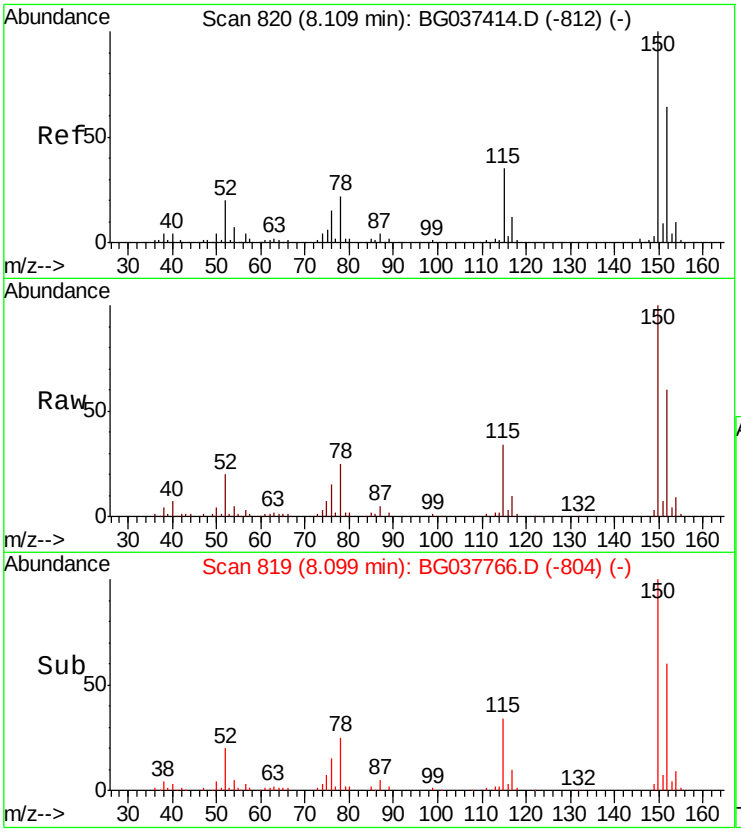
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration



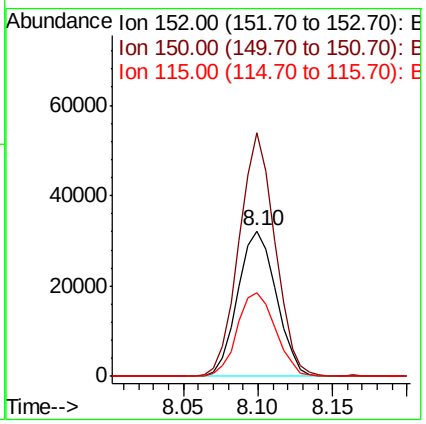


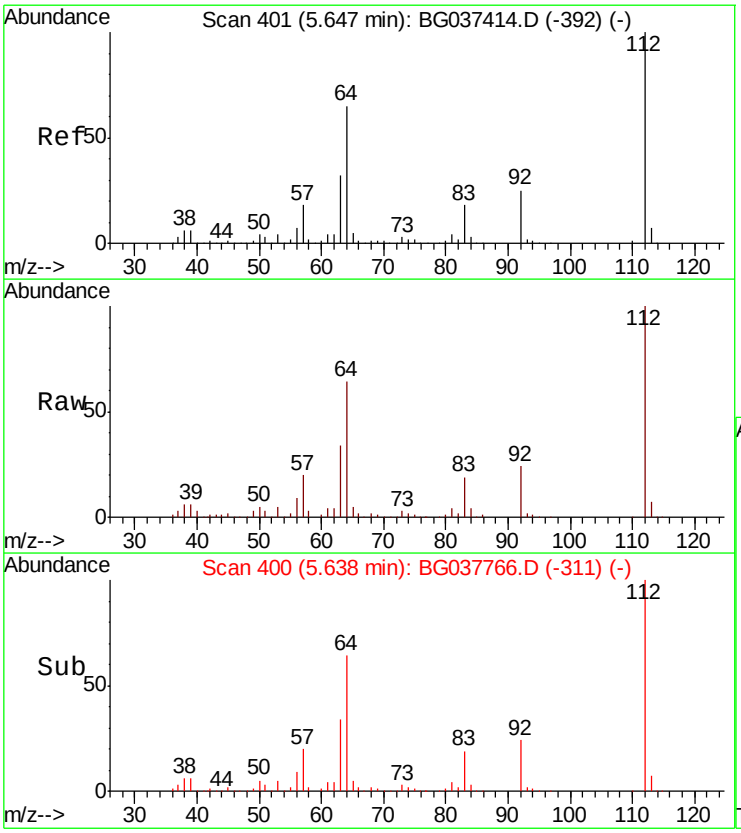
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037766.D
Acq: 2 Nov 2018 22:36

Instrument :
BNA_G
ClientSampleId :
CPS073082

Tgt Ion:152 Resp: 57395

Ion	Ratio	Lower	Upper
152	100		
150	167.6	126.0	189.0
115	57.8	45.5	68.3

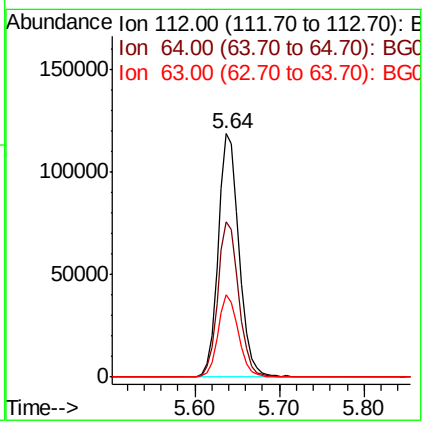


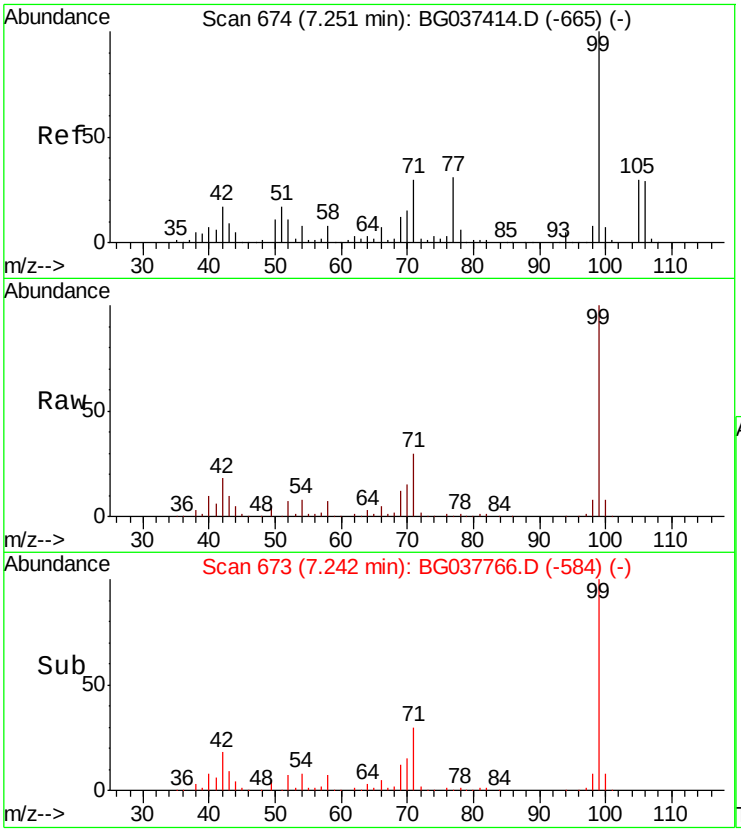


#5
2-Fluorophenol
Concen: 58.832 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037766.D
Acq: 2 Nov 2018 22:36

Tgt Ion:112 Resp: 201972

Ion	Ratio	Lower	Upper
112	100		
64	63.7	53.1	79.7
63	34.0	27.3	40.9



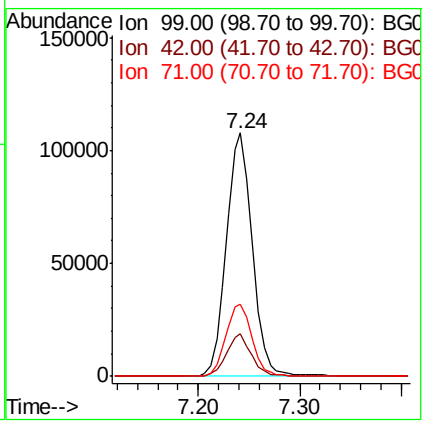


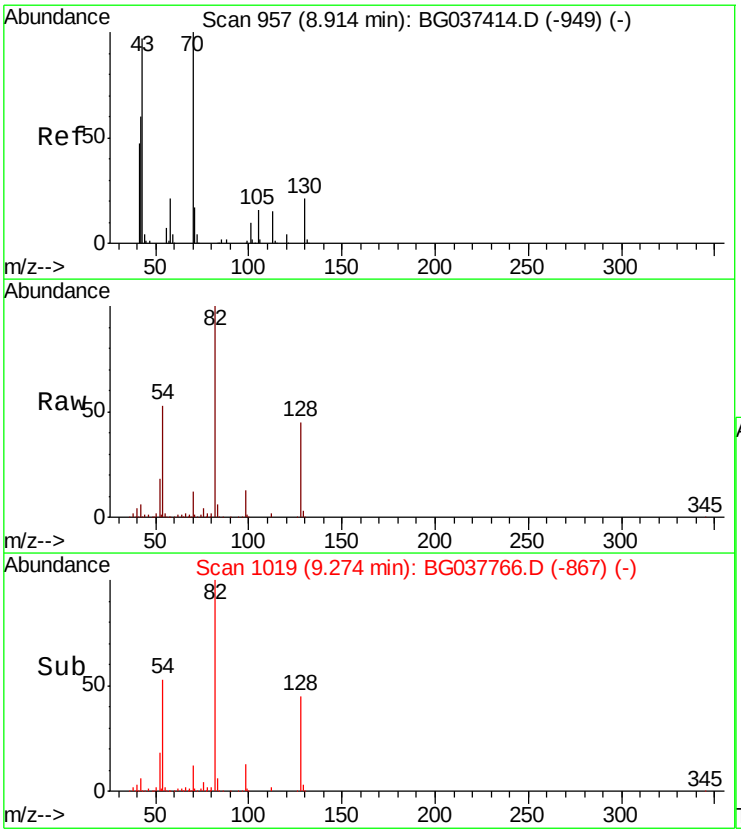
#7
Phenol-d6
Concen: 36.800 ng
RT: 7.24 min Scan# 673
Delta R.T. -0.01 min
Lab File: BG037766.D
Acq: 2 Nov 2018 22:36

Instrument :
BNA_G
ClientSampleId :
CPS073082

Tgt Ion: 99 Resp: 191036

Ion	Ratio	Lower	Upper
99	100		
42	17.5	15.0	22.4
71	29.5	25.5	38.3

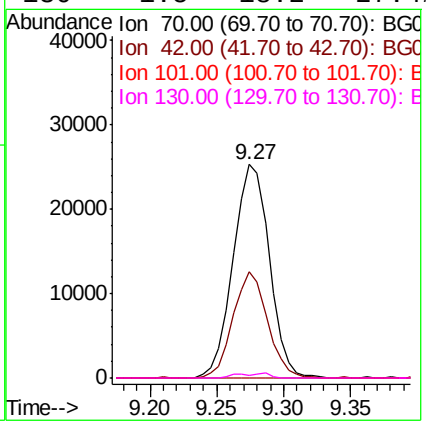


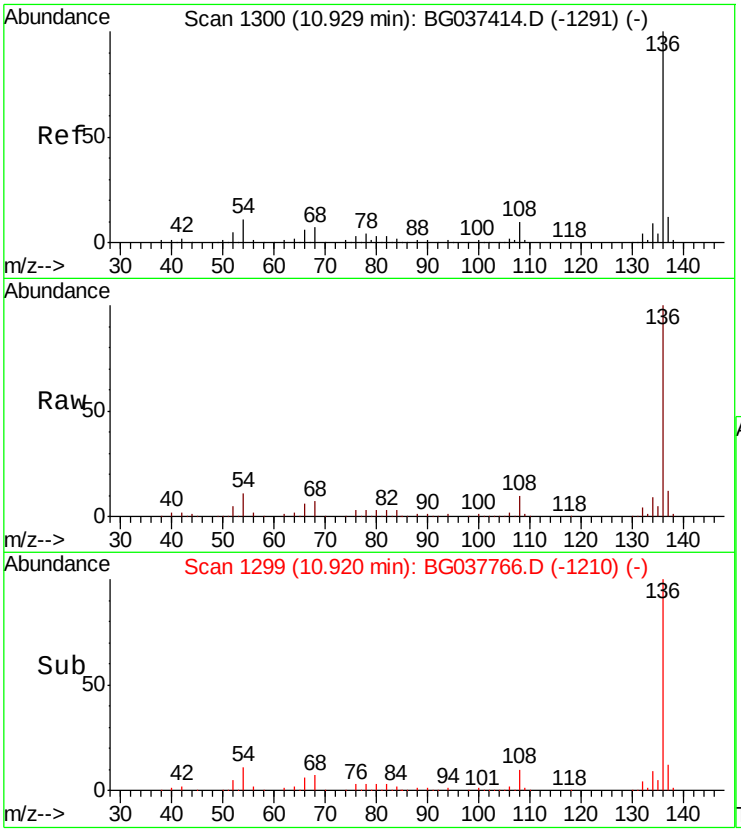


#19
n-Nitroso-di-n-propylamine
Concen: 13.338 ng
RT: 9.27 min Scan# 1019
Delta R.T. 0.36 min
Lab File: BG037766.D
Acq: 2 Nov 2018 22:36

Tgt Ion: 70 Resp: 47679

Ion	Ratio	Lower	Upper
70	100		
42	49.6	53.9	80.9#
101	0.0	8.2	12.2#
130	1.5	18.2	27.4#



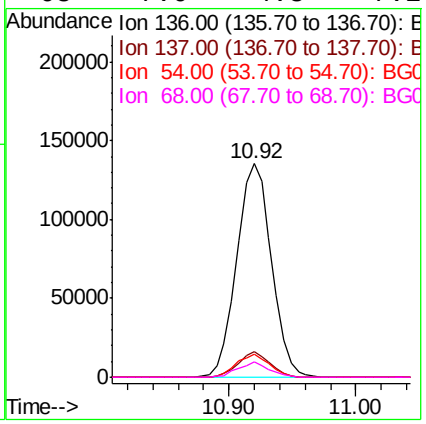


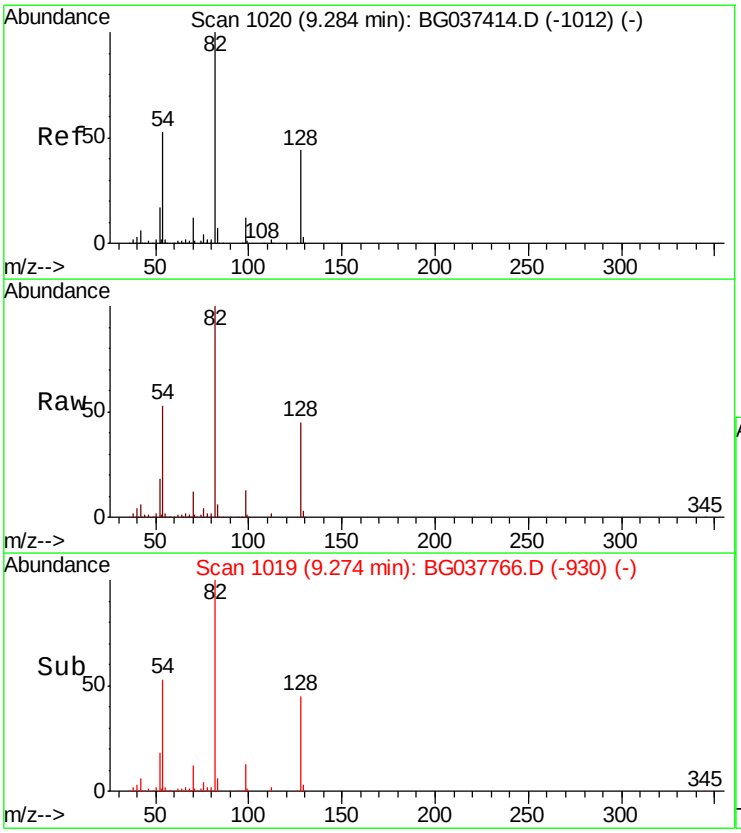
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037766.D
Acq: 2 Nov 2018 22:36

Instrument : BNA_G
ClientSampleId : CPS073082

Tgt Ion:136 Resp: 256562

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.6	14.4
54	10.9	7.9	11.9
68	7.0	4.8	7.2

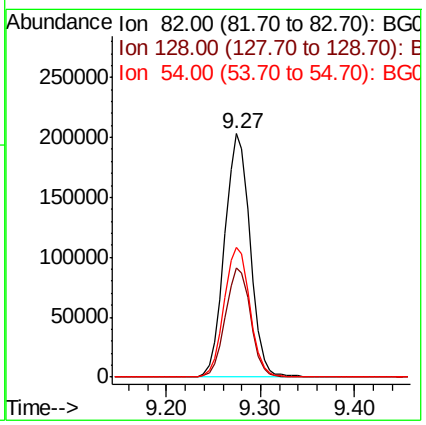


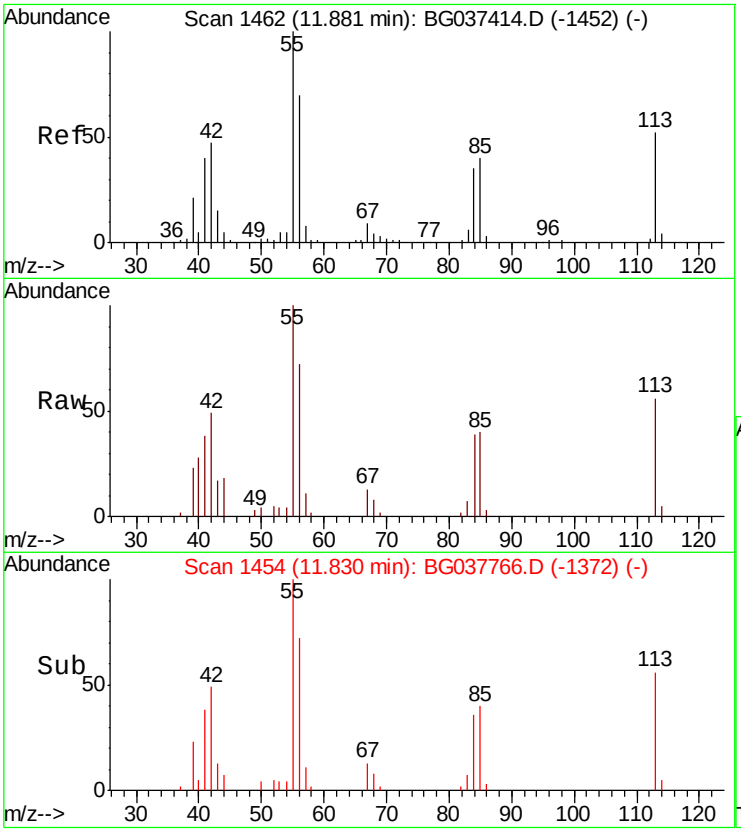


#23
Nitrobenzene-d5
Concen: 83.311 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037766.D
Acq: 2 Nov 2018 22:36

Tgt Ion: 82 Resp: 381555

Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.6	51.8
54	53.3	45.3	67.9



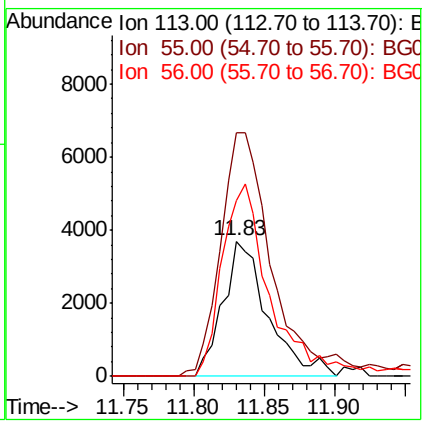


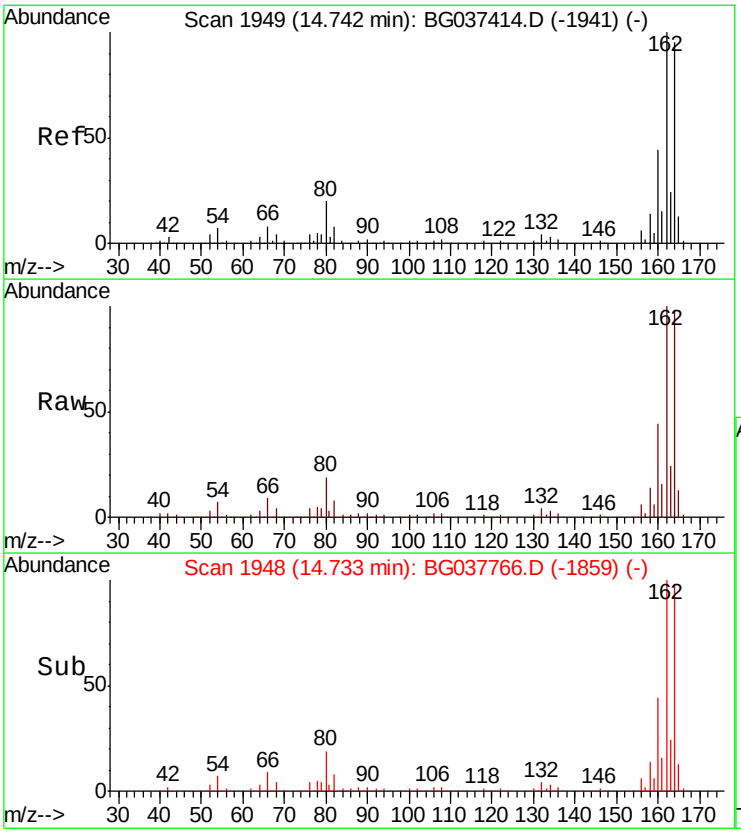
#35
Caprolactam
Concen: 4.807 ng
RT: 11.83 min Scan# 1454
Delta R.T. -0.05 min
Lab File: BG037766.D
Acq: 2 Nov 2018 22:36

Instrument :
BNA_G
ClientSampleId :
CPS073082

Tgt Ion:113 Resp: 8214

Ion	Ratio	Lower	Upper
113	100		
55	180.0	176.6	216.6
56	130.0	128.3	168.3

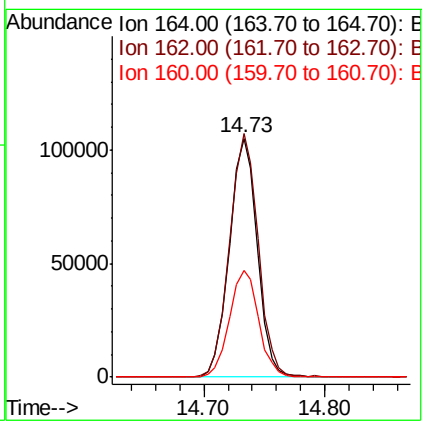


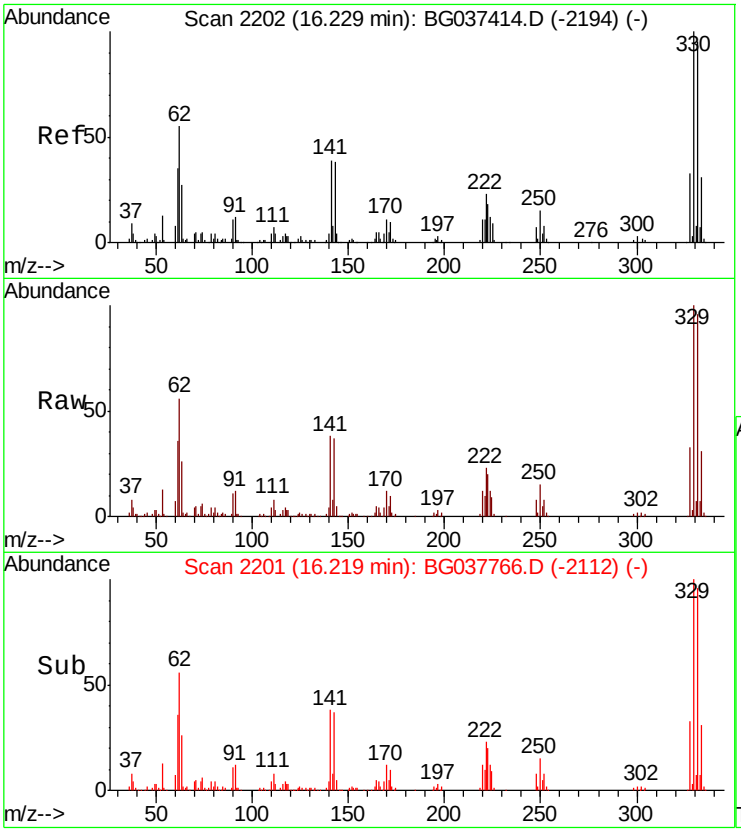


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037766.D
Acq: 2 Nov 2018 22:36

Tgt Ion:164 Resp: 169477

Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.3	121.9
160	44.6	36.3	54.5



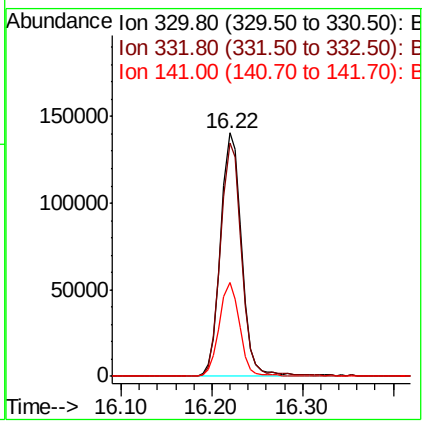


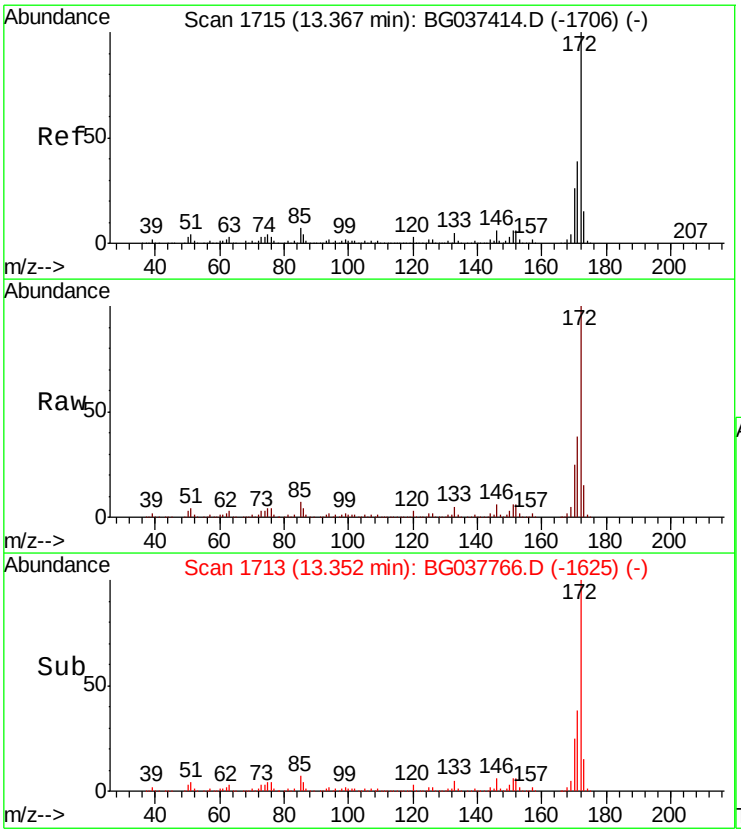
#42
2,4,6-Tribromophenol
Concen: 122.487 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG037766.D
Acq: 2 Nov 2018 22:36

Instrument :
BNA_G
ClientSampleId :
CPS073082

Tgt Ion:330 Resp: 226414

Ion	Ratio	Lower	Upper
330	100		
332	95.9	78.4	117.6
141	37.8	32.2	48.2

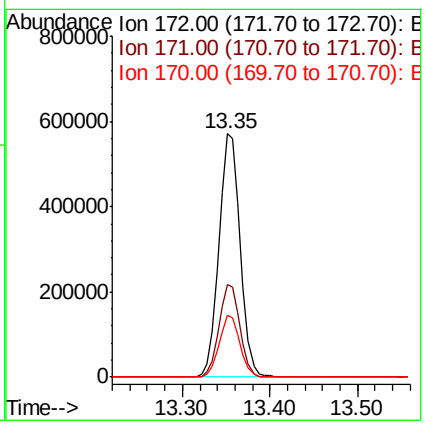


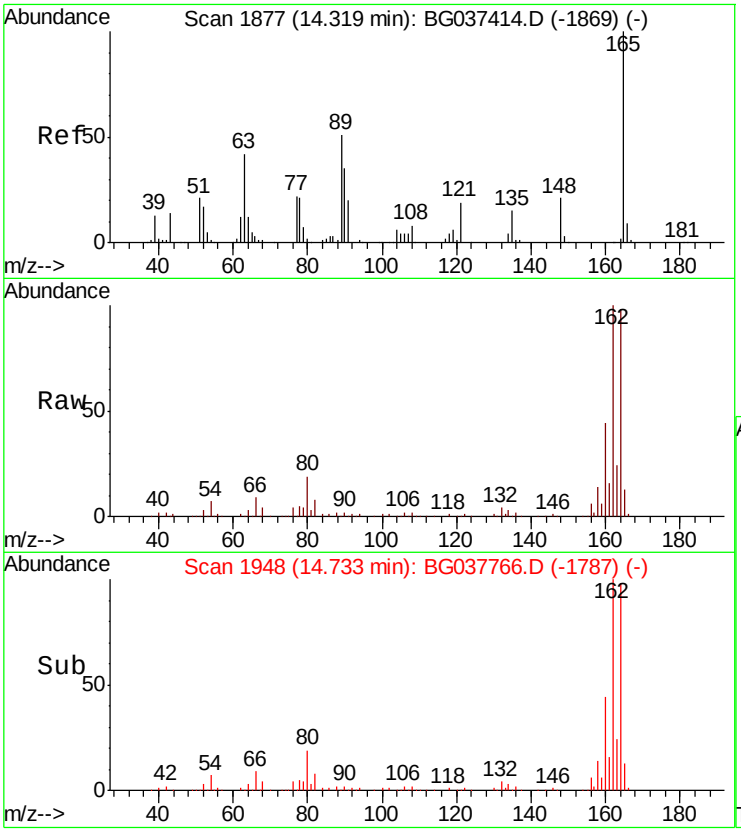


#45
2-Fluorobiphenyl
Concen: 85.187 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.02 min
Lab File: BG037766.D
Acq: 2 Nov 2018 22:36

Tgt Ion:172 Resp: 957412

Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.0	46.4
170	25.5	20.2	30.2



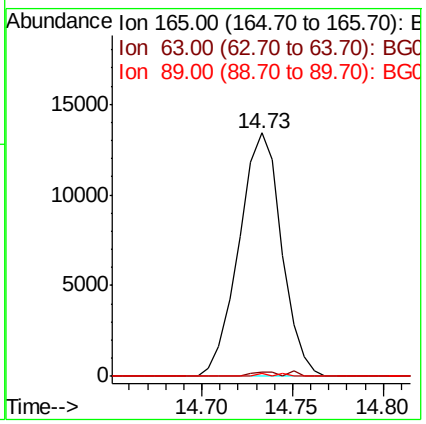


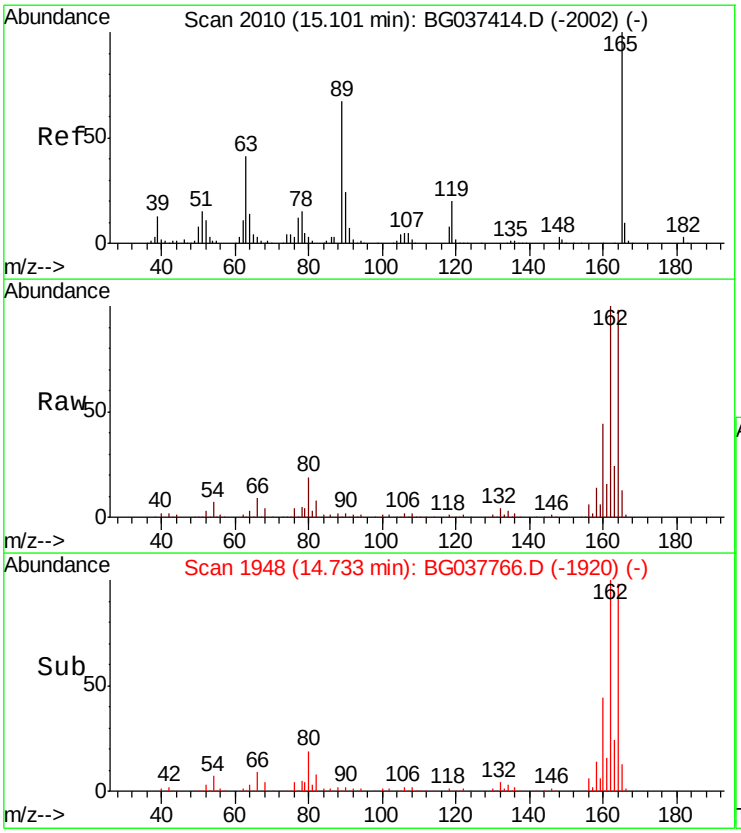
#51
2,6-Dinitrotoluene
Concen: 7.541 ng
RT: 14.73 min Scan# 1948
Delta R.T. 0.41 min
Lab File: BG037766.D
Acq: 2 Nov 2018 22:36

Instrument :
BNA_G
ClientSampleId :
CPS073082

Tgt Ion:165 Resp: 21871

Ion	Ratio	Lower	Upper
165	100		
63	1.7	43.4	65.2#
89	1.3	45.8	68.6#

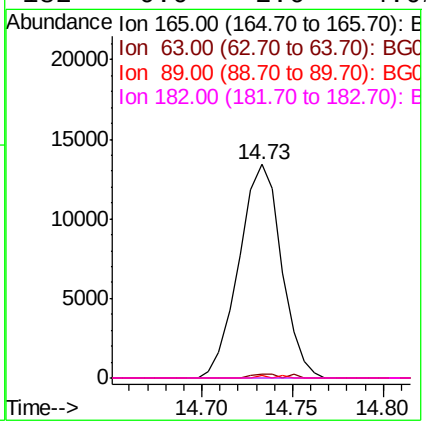


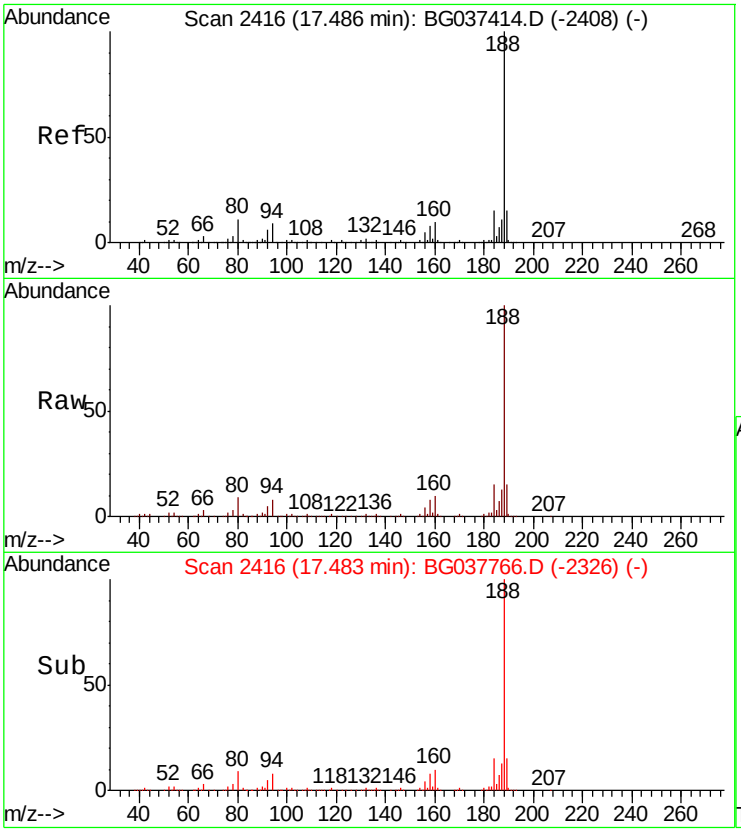


#57
2,4-Dinitrotoluene
Concen: 5.744 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.37 min
Lab File: BG037766.D
Acq: 2 Nov 2018 22:36

Tgt Ion:165 Resp: 21871

Ion	Ratio	Lower	Upper
165	100		
63	1.7	33.4	50.0#
89	1.3	57.2	85.8#
182	0.0	2.6	4.0#



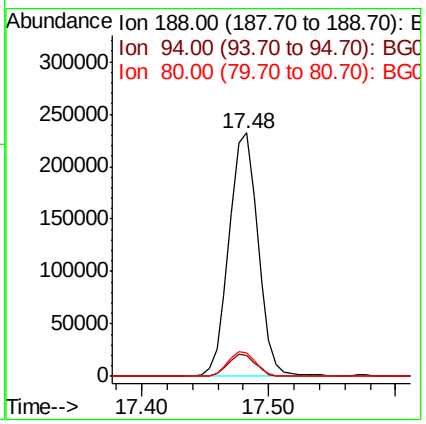


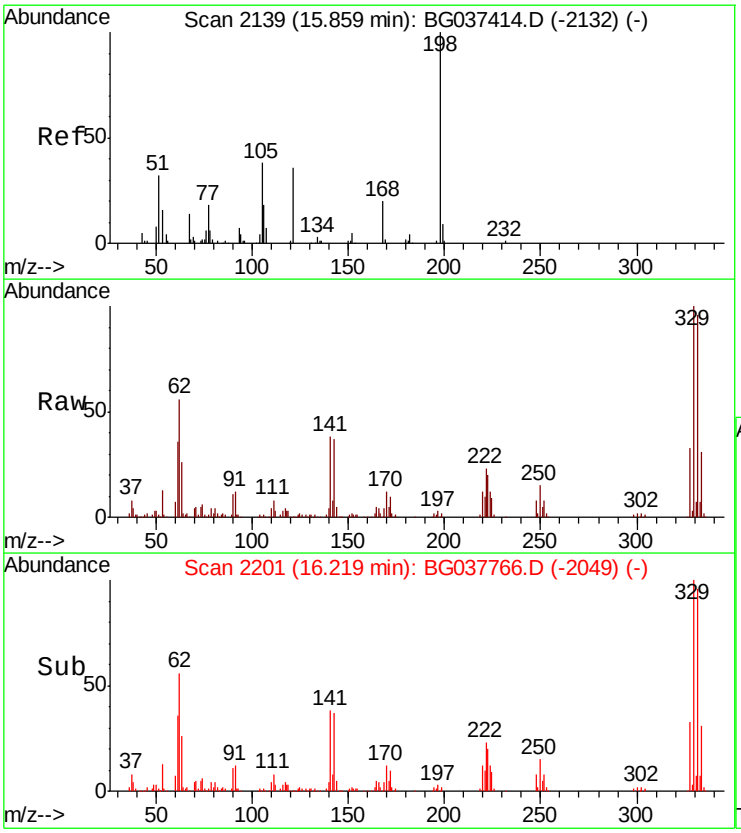
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037766.D
Acq: 2 Nov 2018 22:36

Instrument :
BNA_G
ClientSampleId :
CPS073082

Tgt Ion:188 Resp: 366988

Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.2	10.8
80	9.5	7.7	11.5

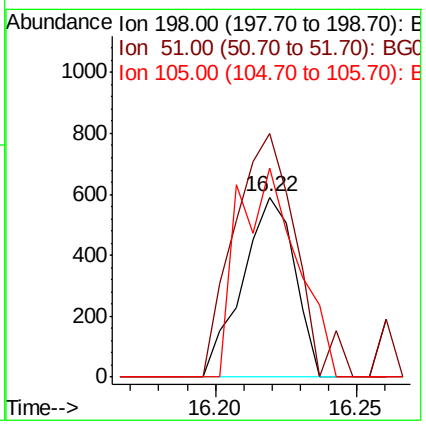


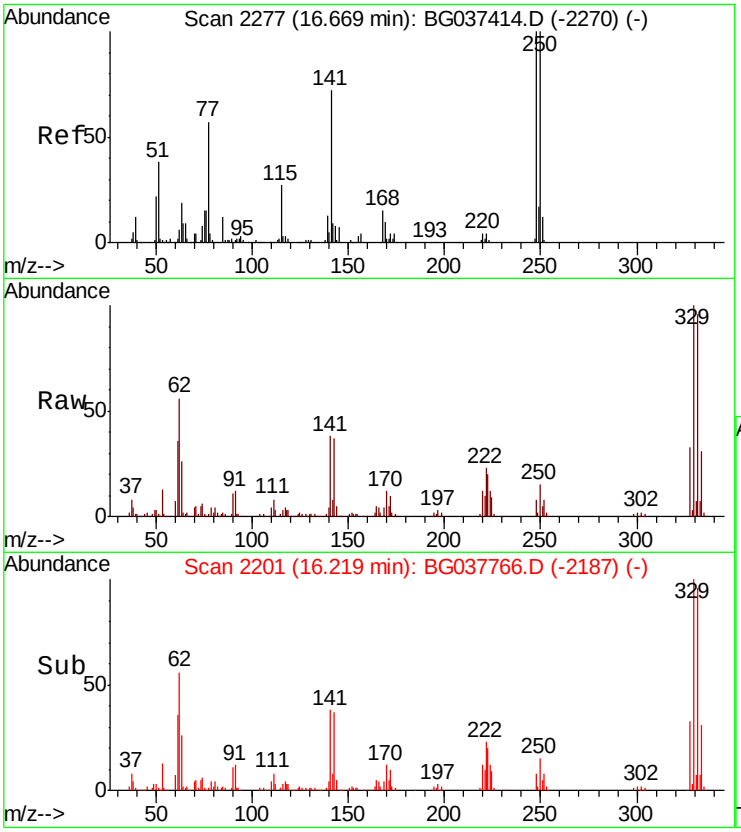


#65
4,6-Dinitro-2-methylphenol
Concen: 8.831 ng
RT: 16.22 min Scan# 2201
Delta R.T. 0.36 min
Lab File: BG037766.D
Acq: 2 Nov 2018 22:36

Tgt Ion:198 Resp: 758

Ion	Ratio	Lower	Upper
198	100		
51	28.3	22.7	62.7
105	24.3	19.7	59.7



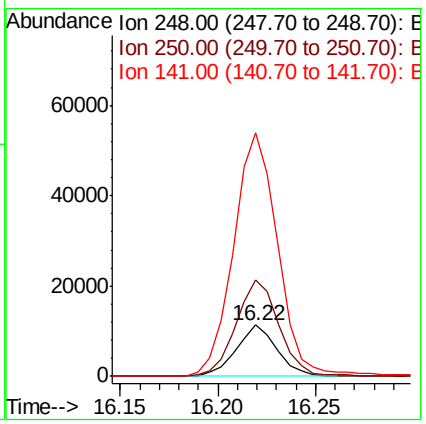


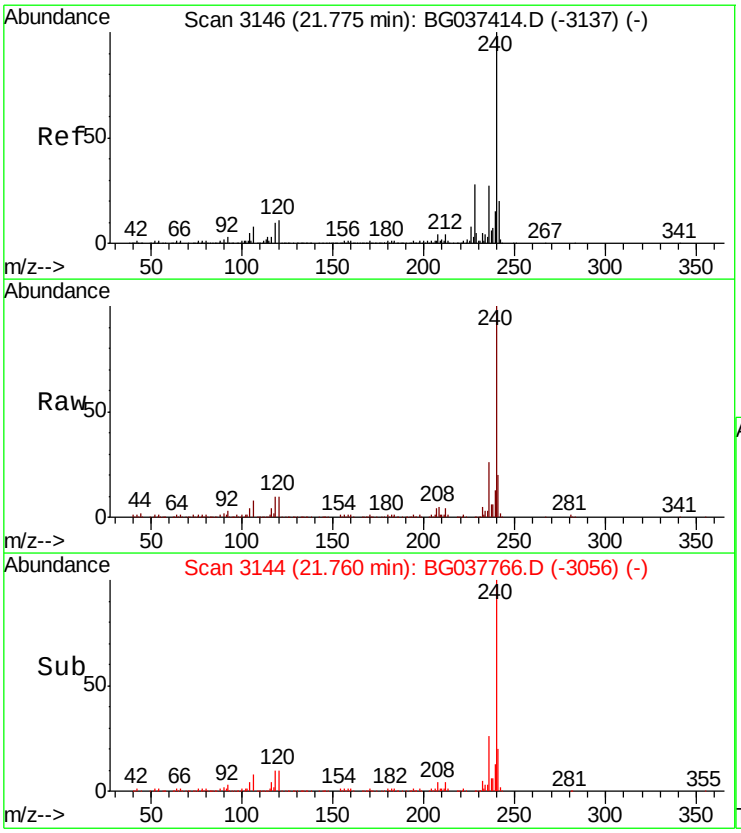
#67
4-Bromophenyl-phenylether
Concen: 4.039 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.45 min
Lab File: BG037766.D
Acq: 2 Nov 2018 22:36

Instrument :
BNA_G
ClientSampleId :
CPS073082

Tgt Ion:248 Resp: 16276

Ion	Ratio	Lower	Upper
248	100		
250	199.8	77.0	115.6#
141	388.6	55.5	83.3#

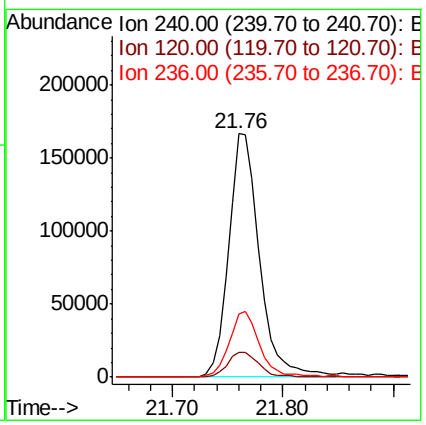


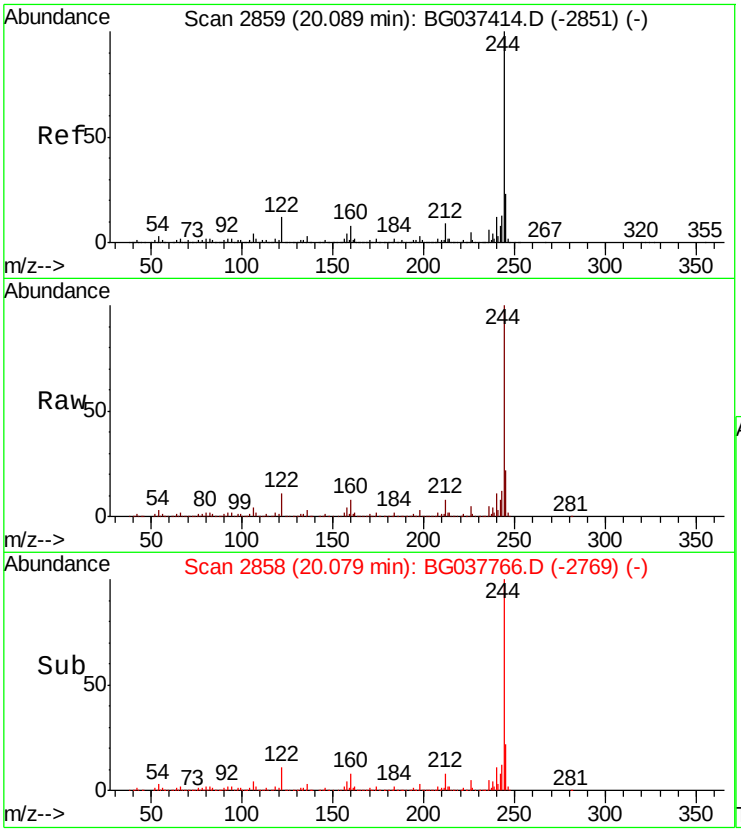


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BG037766.D
Acq: 2 Nov 2018 22:36

Tgt Ion:240 Resp: 326189

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.1	12.1
236	25.9	21.4	32.0



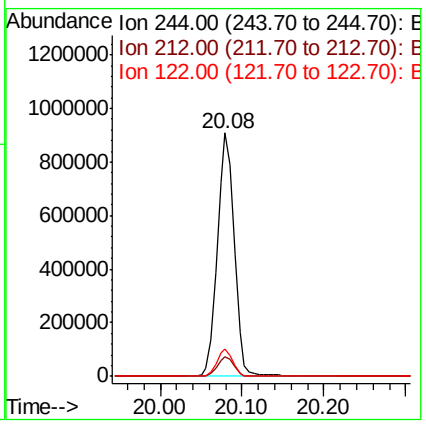


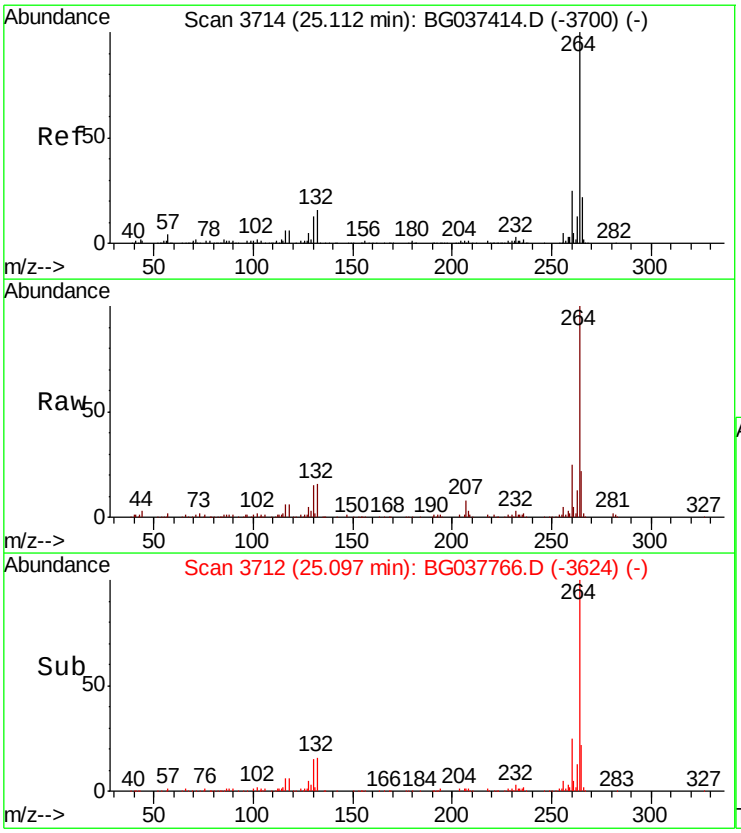
#79
Terphenyl-d14
Concen: 86.035 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG037766.D
Acq: 2 Nov 2018 22:36

Instrument :
BNA_G
ClientSampleId :
CPS073082

Tgt Ion:244 Resp: 1313364

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	11.0	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.02 min
Lab File: BG037766.D
Acq: 2 Nov 2018 22:36

Tgt Ion:264 Resp: 286835

Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.2	27.4
265	22.1	17.9	26.9