Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
Data File : BG037388.D
Acq On : 17 Oct 2018 12:47
Operator : JU/SJ
Sample : J5527-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Oct 17 13:51:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 13:59:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	64066	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	266451	20.00	ng	-0.02
39) Acenaphthene-d10	14.74	164	180193	20.00	ng	-0.02
64) Phenanthrene-d10	17.49	188	471122	20.00	ng	-0.02
76) Chrysene-d12	21.77	240	449017	20.00	ng	-0.02
87) Perylene-d12	25.11	264	422412	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	406122	111.56	ng	0.00
7) Phenol-d6	7.25	99	522220	94.51	ng	0.00
23) Nitrobenzene-d5	9.29	82	377809	93.22	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	220202	124.61	ng	-0.02
45) 2-Fluorobiphenyl	13.37	172	885005	73.76	ng	-0.02
79) Terphenyl-d14	20.09	244	1531126	71.60	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.29	70	46891	11.209	ng	# 74
48) 2-Nitroaniline	13.37	65	1557	6.207	ng	# 1
51) 2,6-Dinitrotoluene	14.74	165	23407	12.467	ng	# 25
57) 2,4-Dinitrotoluene	14.74	165	23407	11.309	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.22	198	672	6.345	ng	82
67) 4-Bromophenyl-phenylether	16.23	248	16159	3.178	ng	# 1

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

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ClientSampleId :

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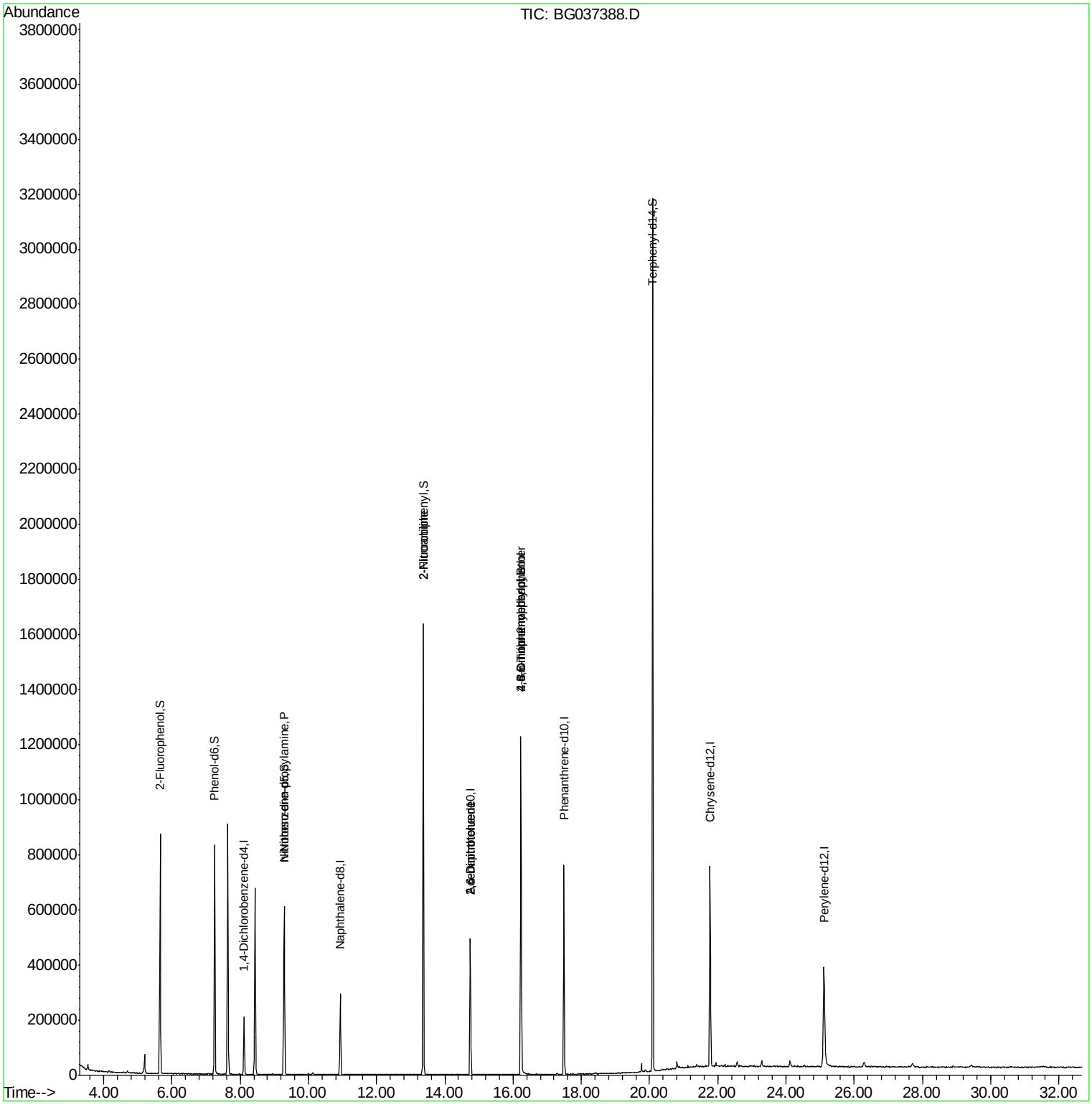
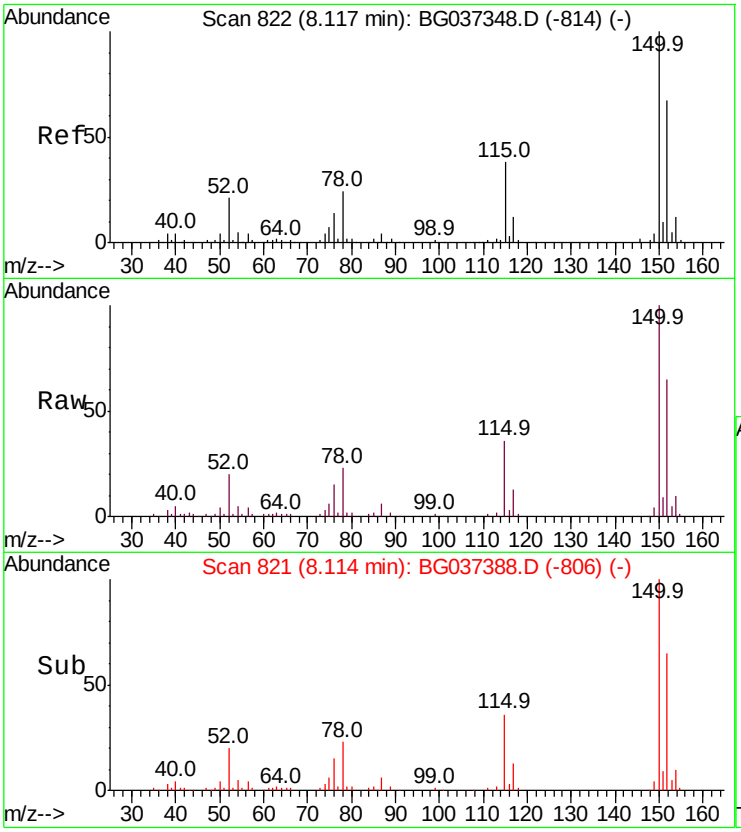
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 13:59:58 2018
Response via : Initial Calibration

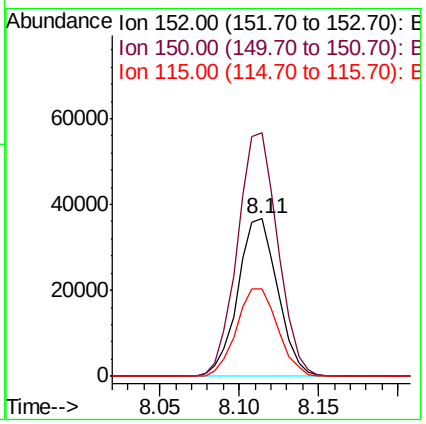




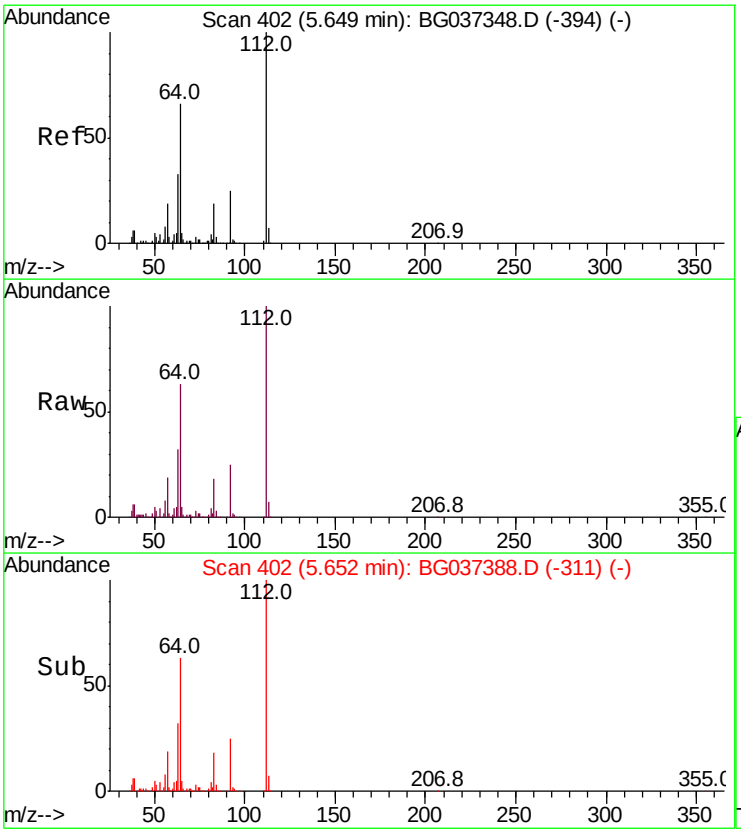
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG037388.D
Acq: 17 Oct 2018 12:47

Tgt Ion:152 Resp: 64066

Ion	Ratio	Lower	Upper
152	100		
150	154.7	126.0	189.0
115	55.4	45.5	68.3



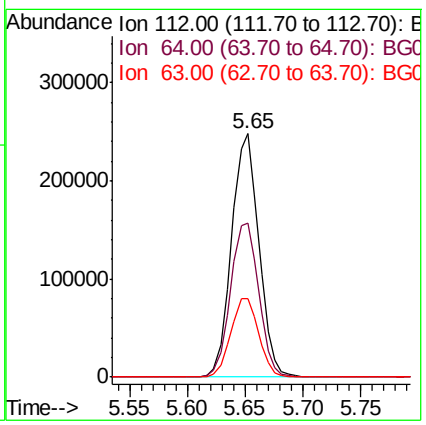
Instrument :
BNA_G
ClientSampleId :

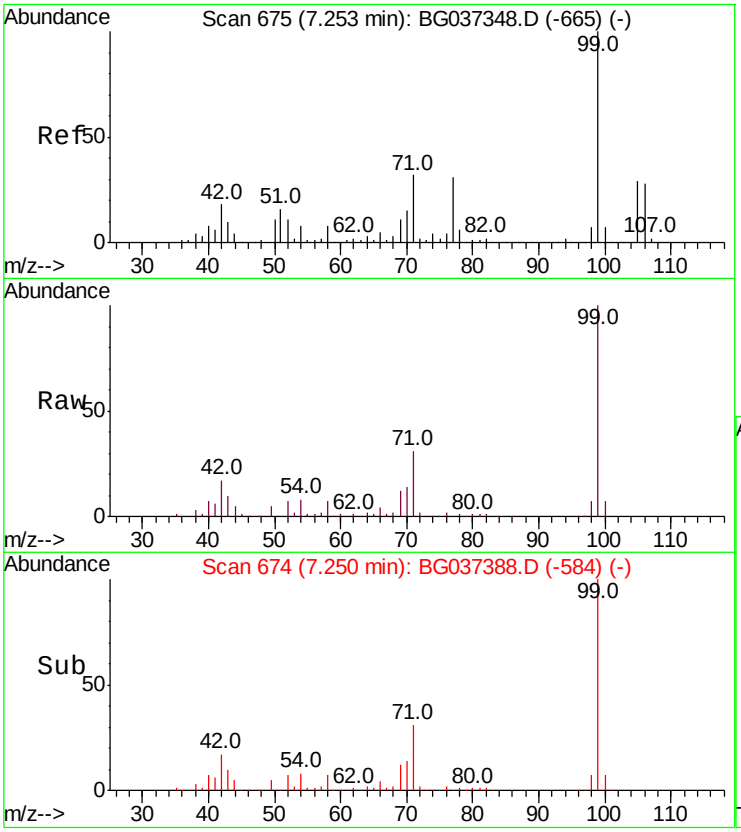


#5
2-Fluorophenol
Concen: 111.562 ng
RT: 5.65 min Scan# 402
Delta R.T. 0.00 min
Lab File: BG037388.D
Acq: 17 Oct 2018 12:47

Tgt Ion:112 Resp: 406122

Ion	Ratio	Lower	Upper
112	100		
64	63.0	53.1	79.7
63	32.2	27.3	40.9



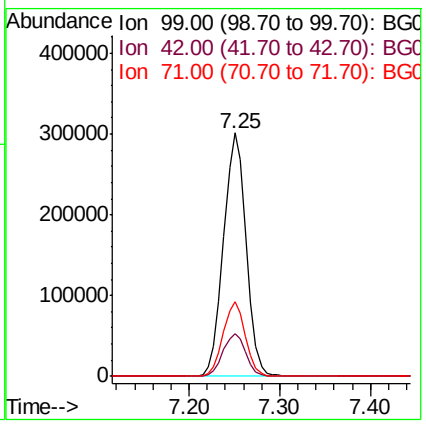


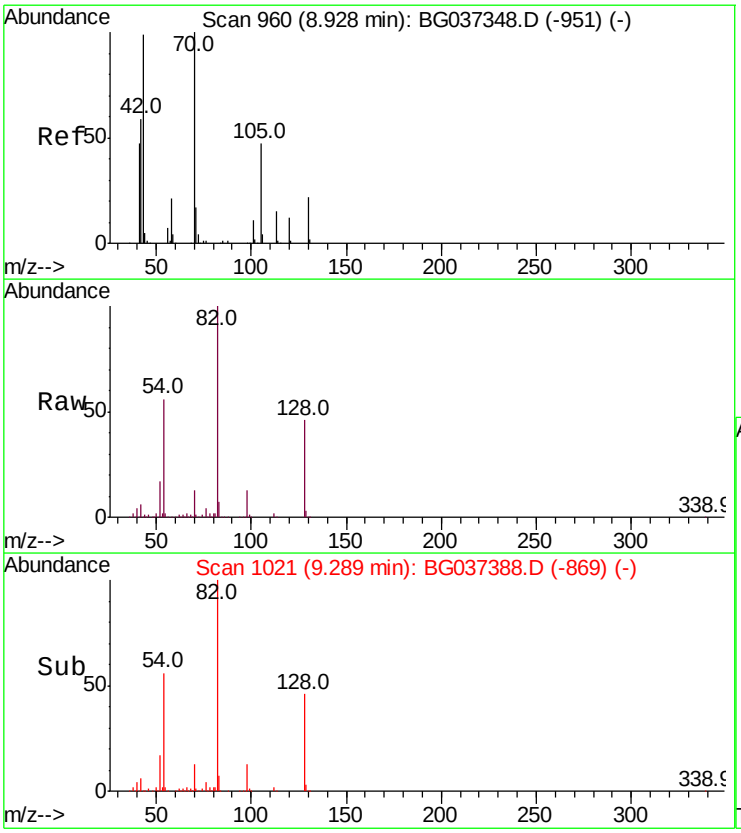
#7
Phenol-d6
Concen: 94.513 ng
RT: 7.25 min Scan# 674
Delta R.T. -0.00 min
Lab File: BG037388.D
Acq: 17 Oct 2018 12:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 522220

Ion	Ratio	Lower	Upper
99	100		
42	17.4	15.0	22.4
71	30.6	25.5	38.3

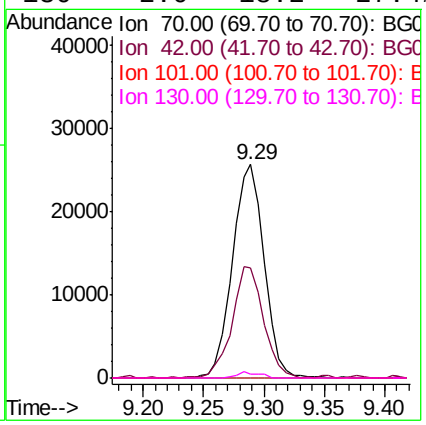


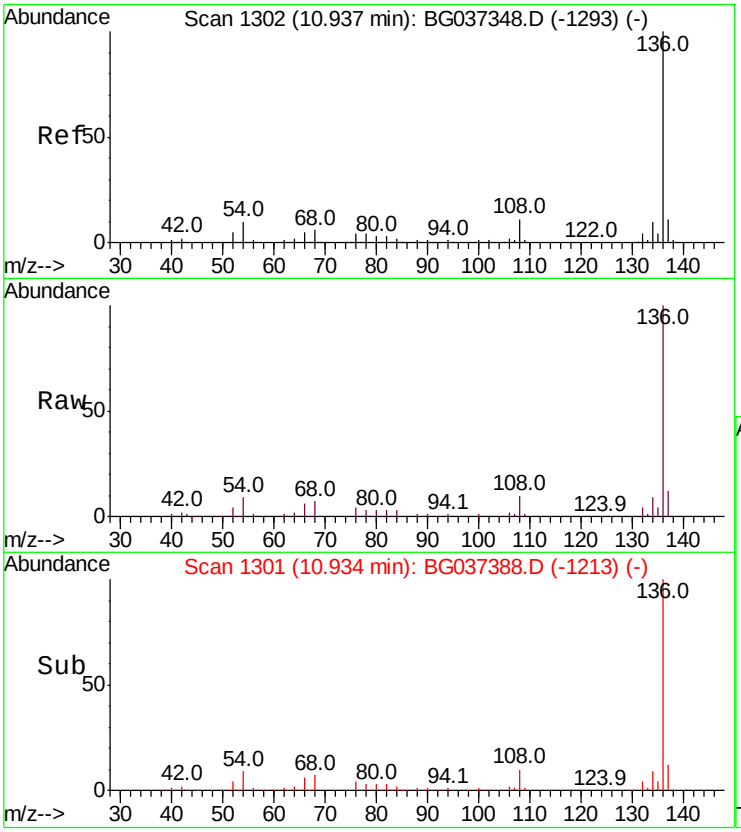


#19
n-Nitroso-di-n-propylamine
Concen: 11.209 ng
RT: 9.29 min Scan# 1021
Delta R.T. 0.36 min
Lab File: BG037388.D
Acq: 17 Oct 2018 12:47

Tgt Ion: 70 Resp: 46891

Ion	Ratio	Lower	Upper
70	100		
42	51.6	53.9	80.9#
101	0.0	8.2	12.2#
130	2.0	18.2	27.4#



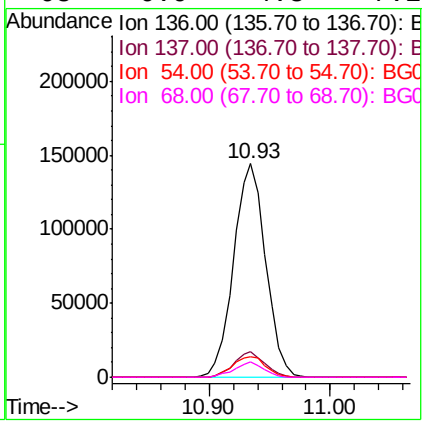


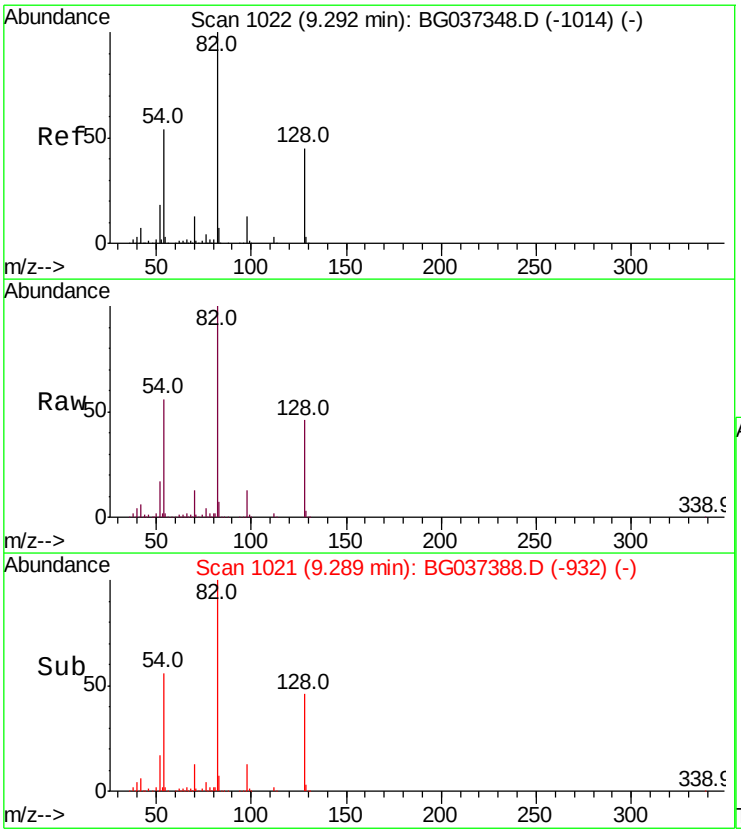
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BG037388.D
Acq: 17 Oct 2018 12:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 266451

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.6	14.4
54	9.4	7.9	11.9
68	6.9	4.8	7.2

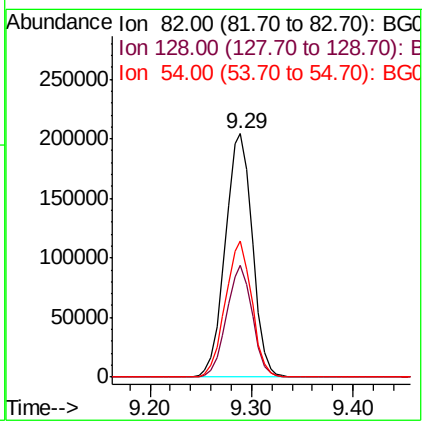


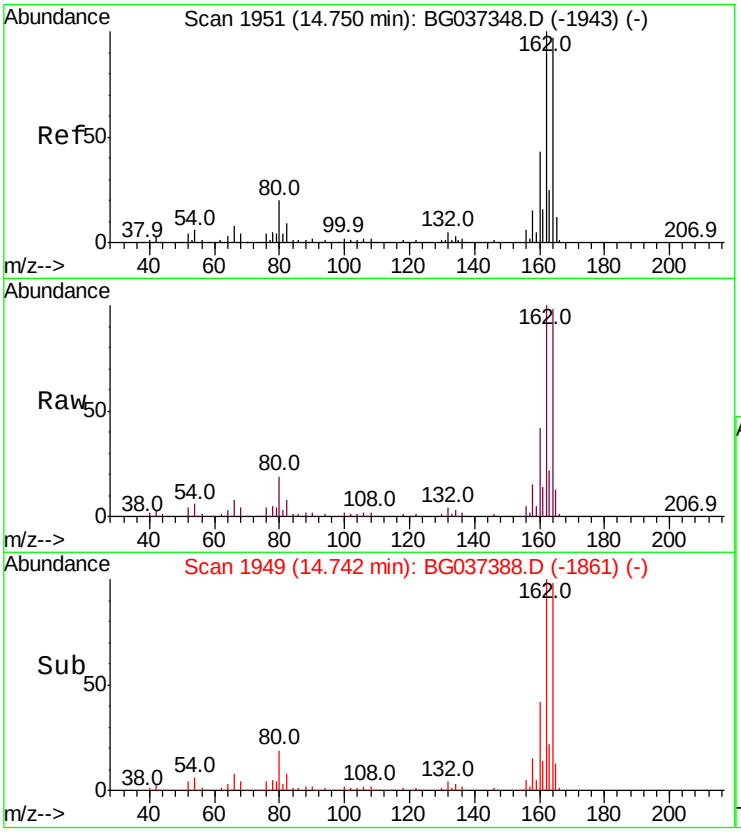


#23
Nitrobenzene-d5
Concen: 93.222 ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG037388.D
Acq: 17 Oct 2018 12:47

Tgt Ion: 82 Resp: 377809

Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.6	51.8
54	55.9	45.3	67.9



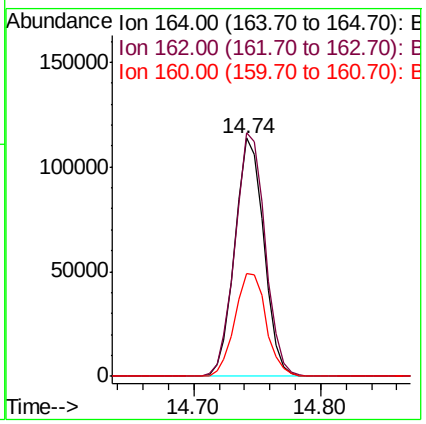


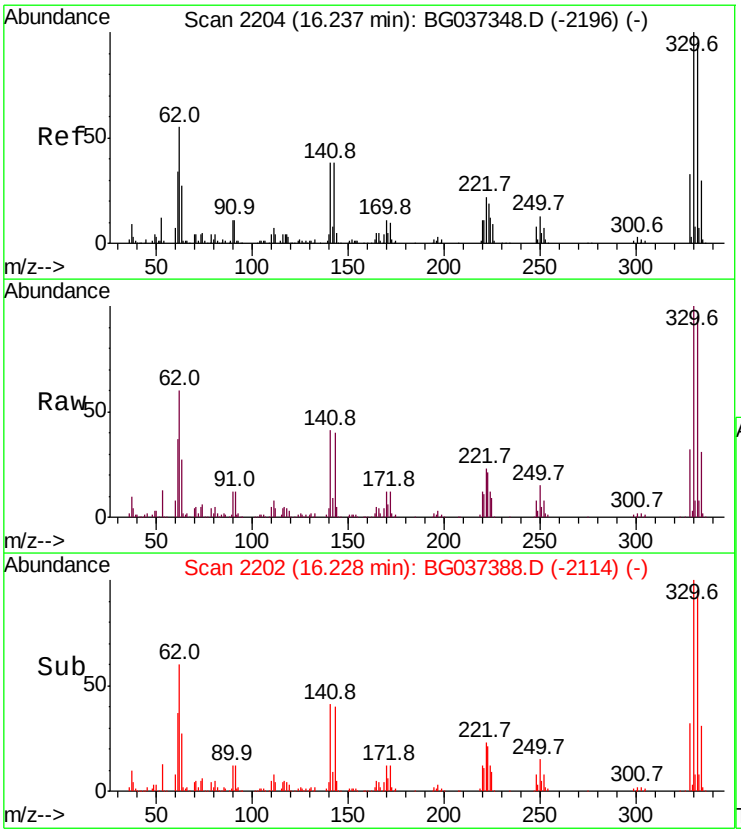
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1949
Delta R.T. -0.02 min
Lab File: BG037388.D
Acq: 17 Oct 2018 12:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 180193

Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.3	121.9
160	43.0	36.3	54.5

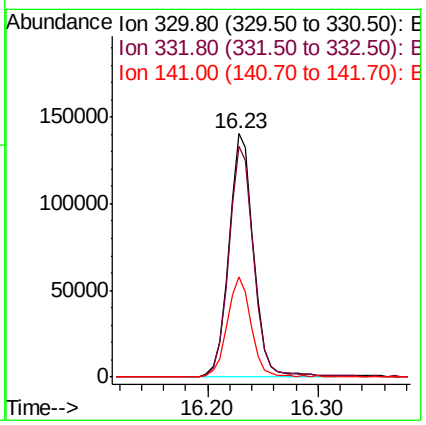


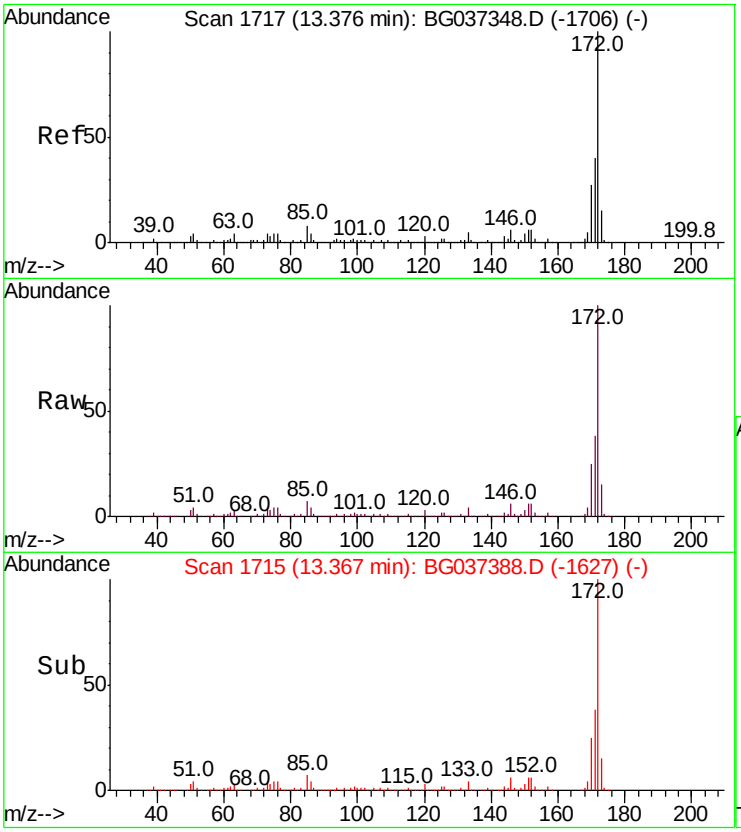


#42
2,4,6-Tribromophenol
Concen: 124.606 ng
RT: 16.23 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BG037388.D
Acq: 17 Oct 2018 12:47

Tgt Ion:330 Resp: 220202

Ion	Ratio	Lower	Upper
330	100		
332	95.6	78.4	117.6
141	40.2	32.2	48.2



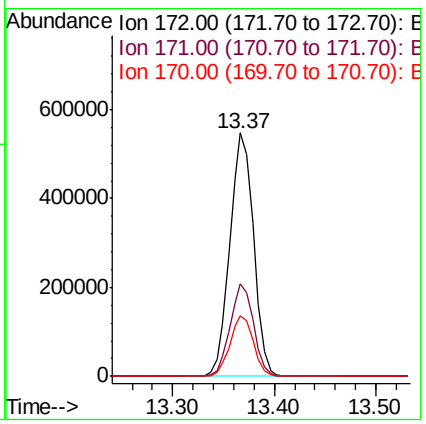


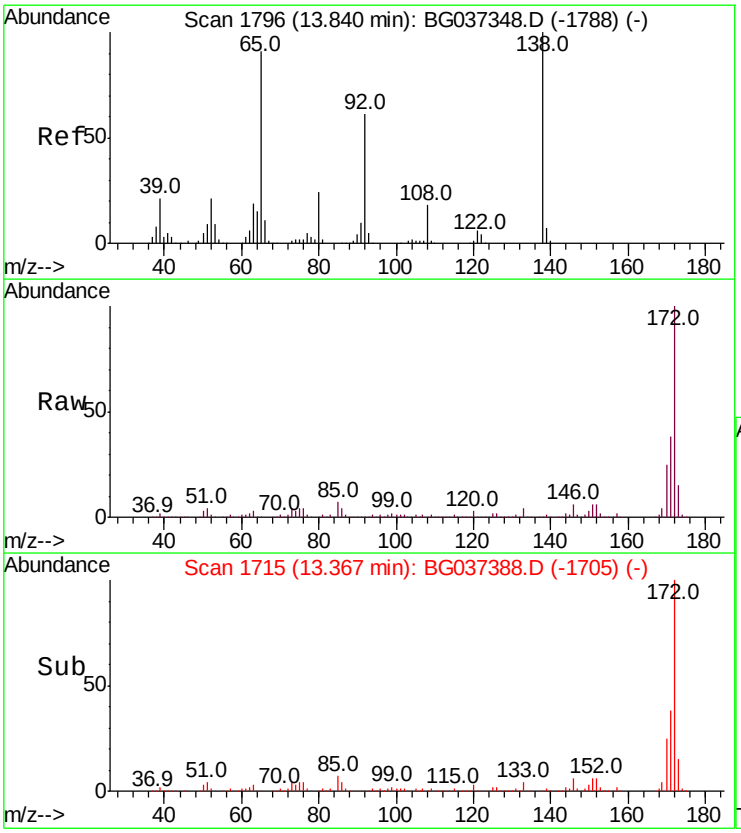
#45
2-Fluorobiphenyl
Concen: 73.758 ng
RT: 13.37 min Scan# 1715
Delta R.T. -0.02 min
Lab File: BG037388.D
Acq: 17 Oct 2018 12:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 885005

Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.0	46.4
170	24.9	20.2	30.2

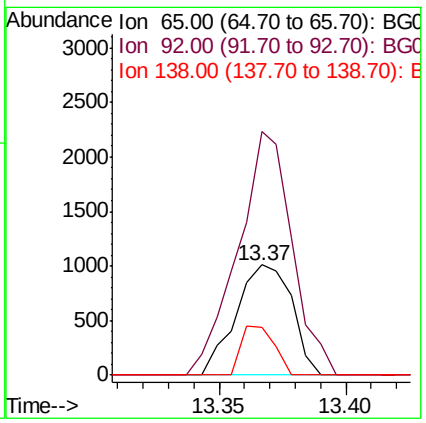


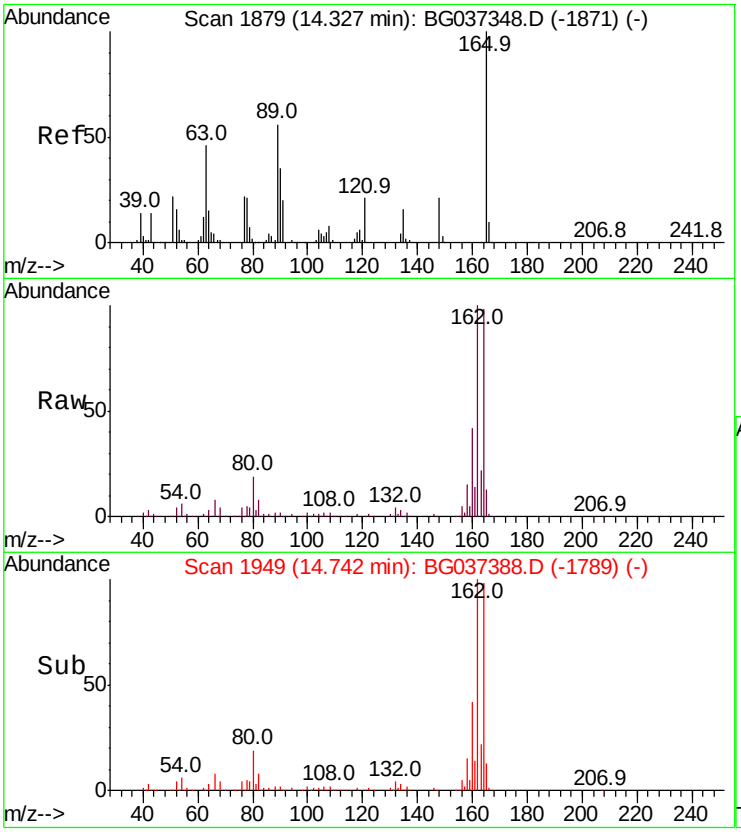


#48
2-Nitroaniline
Concen: 6.207 ng
RT: 13.37 min Scan# 1715
Delta R.T. -0.47 min
Lab File: BG037388.D
Acq: 17 Oct 2018 12:47

Tgt Ion: 65 Resp: 1557

Ion	Ratio	Lower	Upper
65	100		
92	221.2	53.2	79.8#
138	42.9	79.3	118.9#



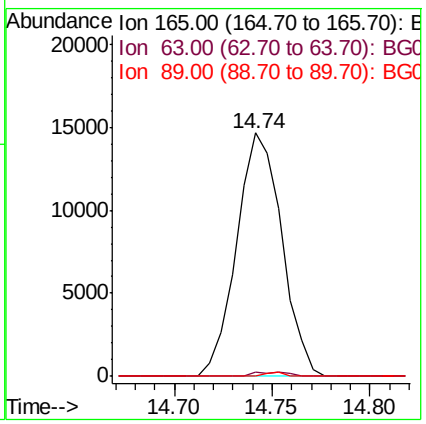


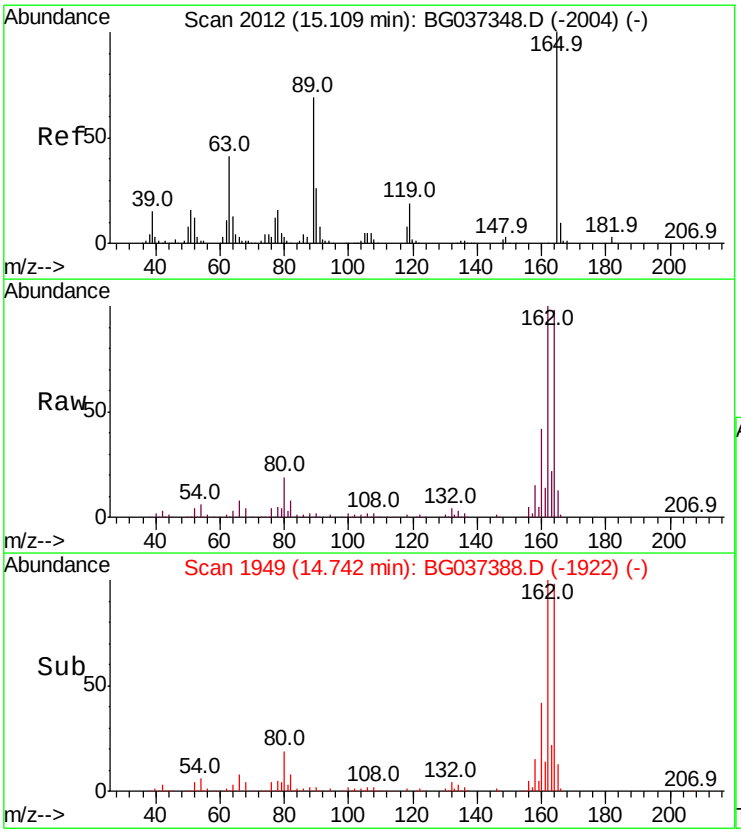
#51
2,6-Dinitrotoluene
Concen: 12.467 ng
RT: 14.74 min Scan# 1949
Delta R.T. 0.41 min
Lab File: BG037388.D
Acq: 17 Oct 2018 12:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 23407

Ion	Ratio	Lower	Upper
165	100		
63	1.7	43.4	65.2#
89	0.0	45.8	68.6#

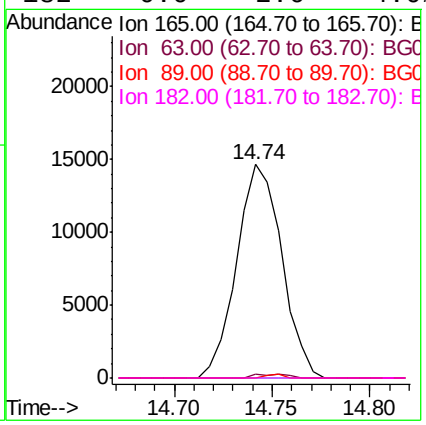


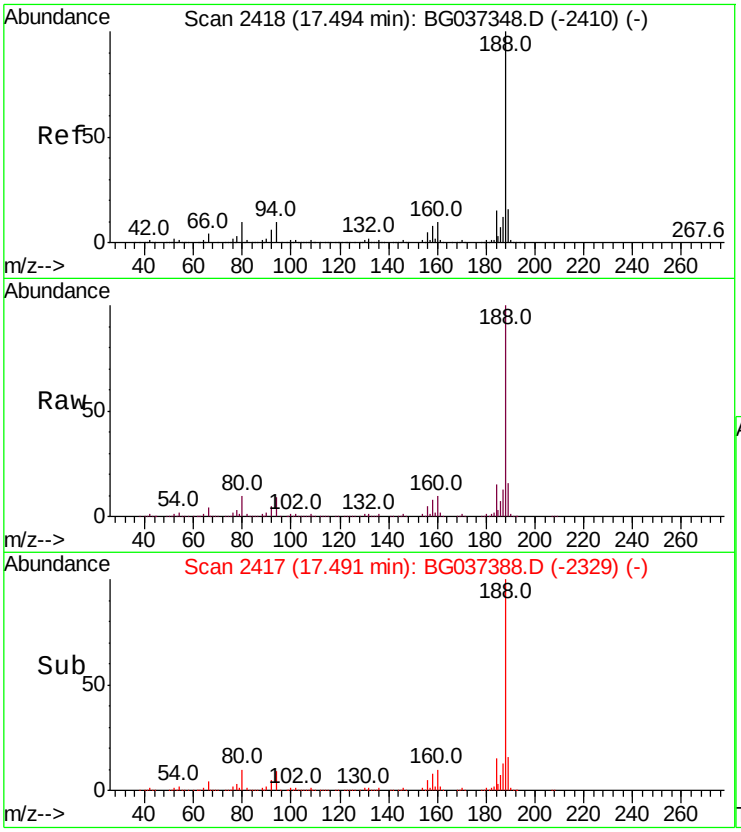


#57
2,4-Dinitrotoluene
Concen: 11.309 ng
RT: 14.74 min Scan# 1949
Delta R.T. -0.37 min
Lab File: BG037388.D
Acq: 17 Oct 2018 12:47

Tgt Ion:165 Resp: 23407

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



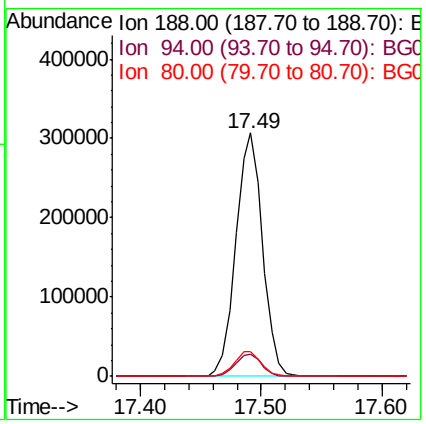


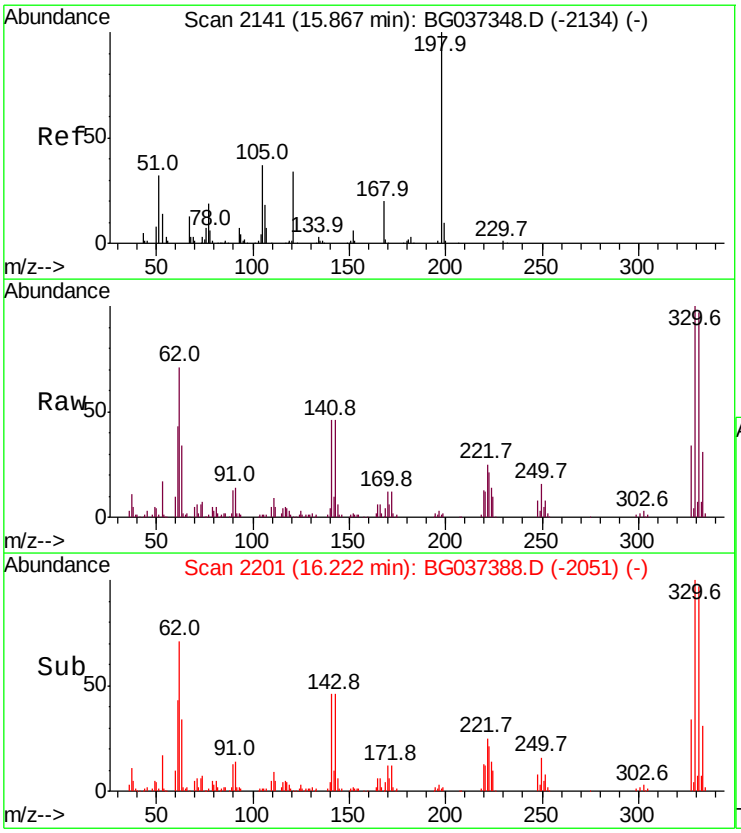
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG037388.D
Acq: 17 Oct 2018 12:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 471122

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	10.3	7.7	11.5

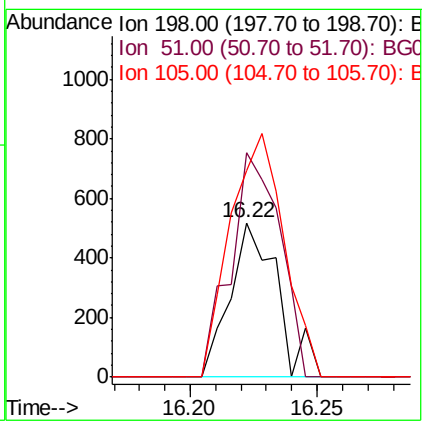


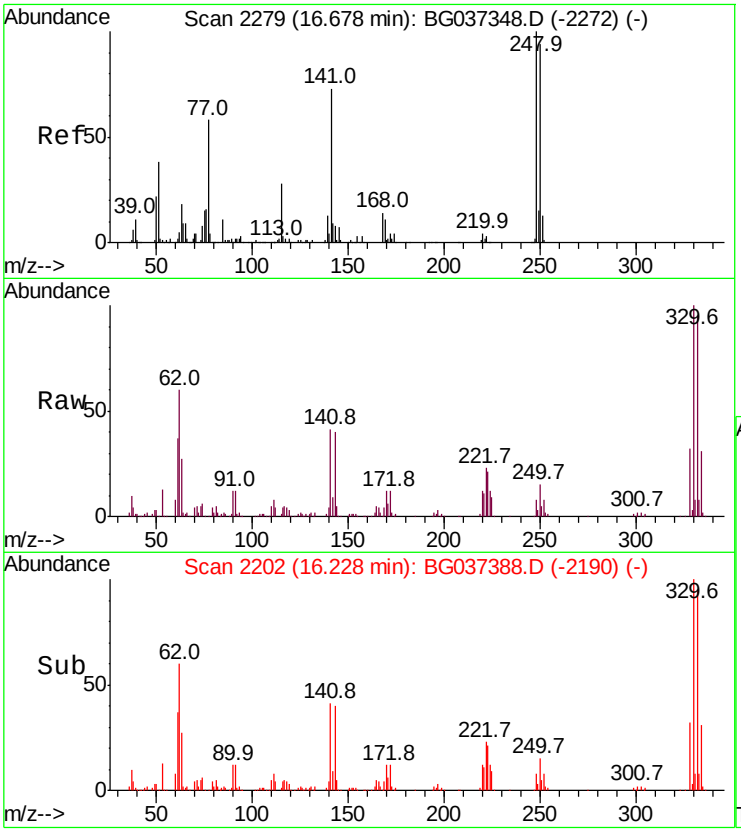


#65
4,6-Dinitro-2-methylphenol
Concen: 6.345 ng
RT: 16.22 min Scan# 2201
Delta R.T. 0.35 min
Lab File: BG037388.D
Acq: 17 Oct 2018 12:47

Tgt Ion:198 Resp: 672

Ion	Ratio	Lower	Upper
198	100		
51	31.4	22.7	62.7
105	28.9	19.7	59.7



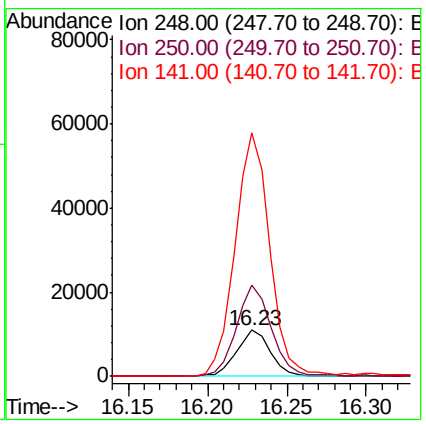


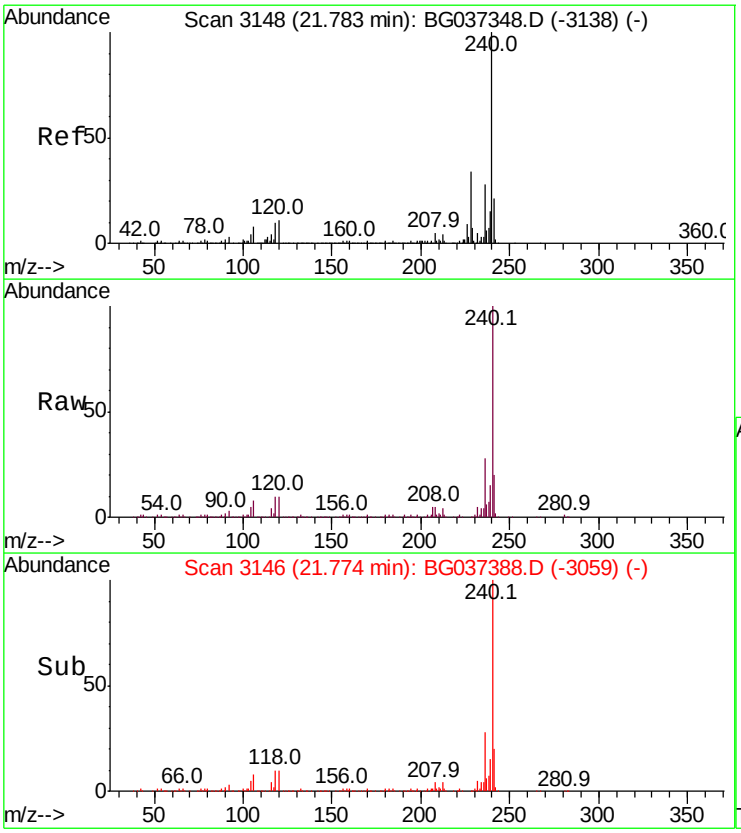
#67
4-Bromophenyl-phenylether
Concen: 3.178 ng
RT: 16.23 min Scan# 2202
Delta R.T. -0.46 min
Lab File: BG037388.D
Acq: 17 Oct 2018 12:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 16159

Ion	Ratio	Lower	Upper
248	100		
250	193.0	77.0	115.6#
141	396.8	55.5	83.3#

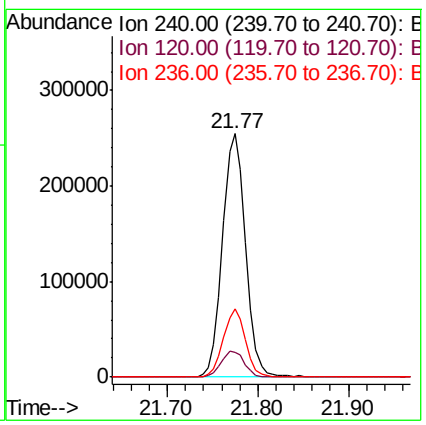


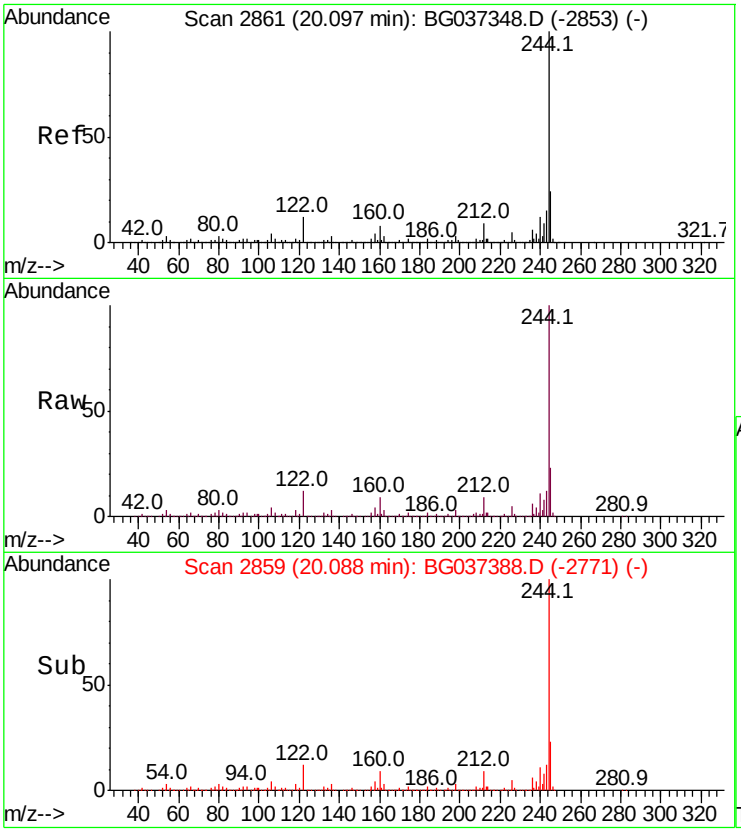


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3146
Delta R.T. -0.02 min
Lab File: BG037388.D
Acq: 17 Oct 2018 12:47

Tgt Ion:240 Resp: 449017

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.1	12.1
236	28.2	21.4	32.0



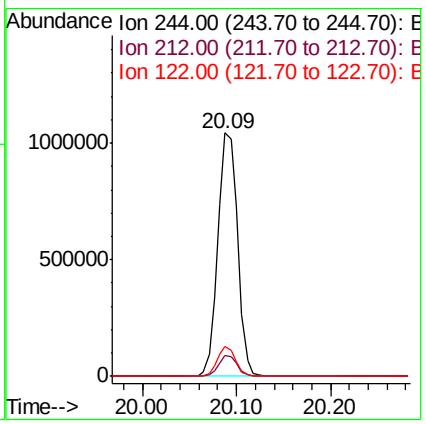


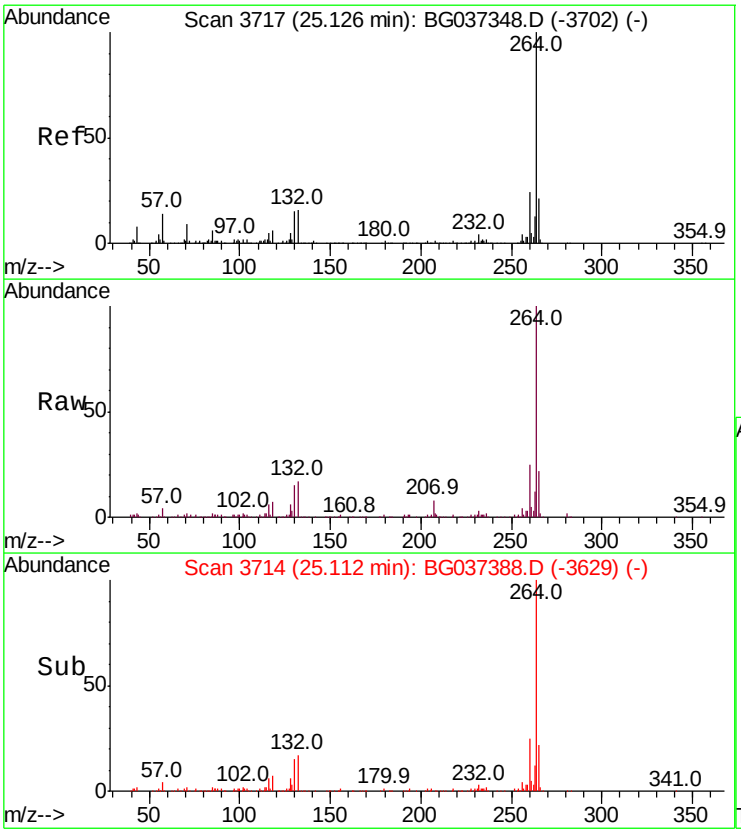
#79
Terphenyl-d14
Concen: 71.600 ng
RT: 20.09 min Scan# 2859
Delta R.T. -0.02 min
Lab File: BG037388.D
Acq: 17 Oct 2018 12:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1531126

Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.5	9.7
122	12.1	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3714
Delta R.T. -0.03 min
Lab File: BG037388.D
Acq: 17 Oct 2018 12:47

Tgt Ion:264 Resp: 422412

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.2	27.4
265	21.9	17.9	26.9