Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101218\
Data File : BG037309.D
Acq On : 13 Oct 2018 2:50
Operator : JU/SJ
Sample : PB113793TB
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB113793TB

Quant Time: Oct 13 04:16:23 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	51829	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	218433	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	141174	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	382828	20.00	ng	0.00
76) Chrysene-d12	21.78	240	386097	20.00	ng	-0.02
87) Perylene-d12	25.12	264	381603	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	404381	137.31	ng	0.00
7) Phenol-d6	7.26	99	567491	126.96	ng	0.00
23) Nitrobenzene-d5	9.30	82	303416	91.32	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	175419	126.70	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	782125	83.20	ng	0.00
79) Terphenyl-d14	20.10	244	1421873	77.33	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.29	70	37254	11.008	ng	# 73
48) 2-Nitroaniline	13.38	65	1285	6.231	ng	# 14
51) 2,6-Dinitrotoluene	14.75	165	17759	12.225	ng	# 25
57) 2,4-Dinitrotoluene	14.75	165	17759	11.120	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.25	198	157	6.060	ng	76
67) 4-Bromophenyl-phenylether	16.23	248	13143	3.181	ng	# 1

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

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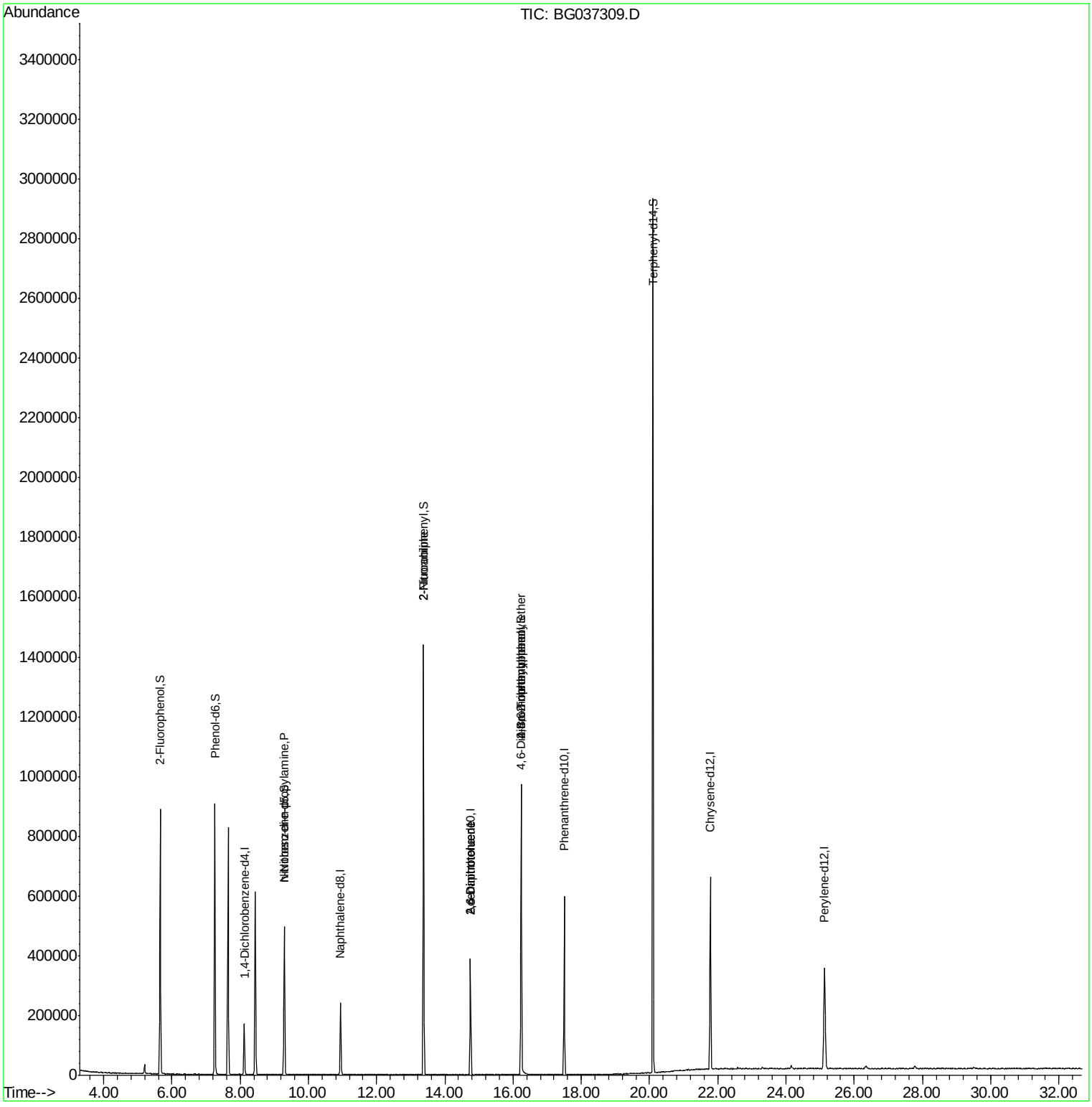
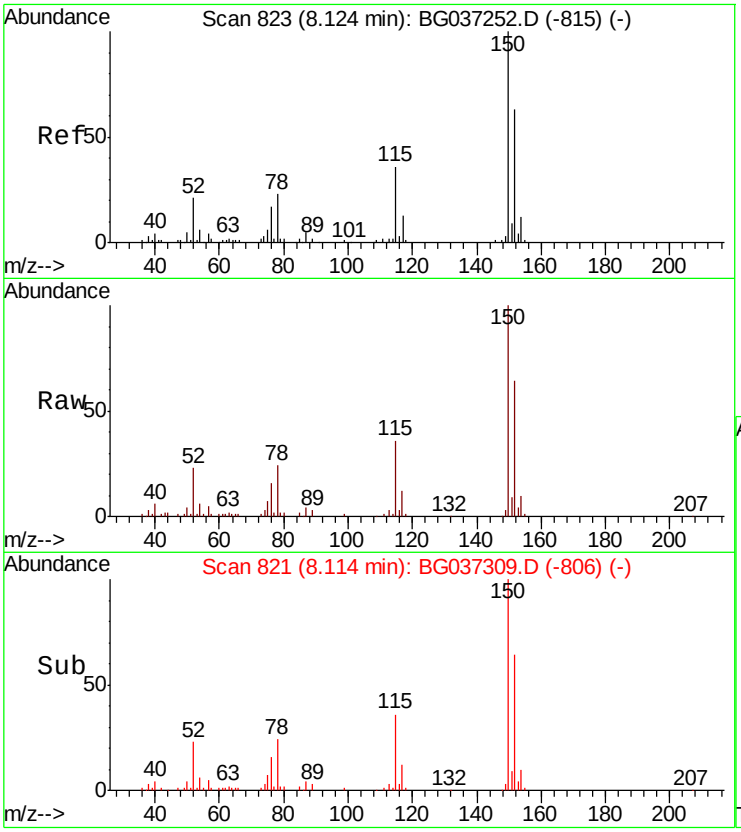
Quant Time: Oct 13 04:16:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 13:59:58 2018
Response via : Initial Calibration



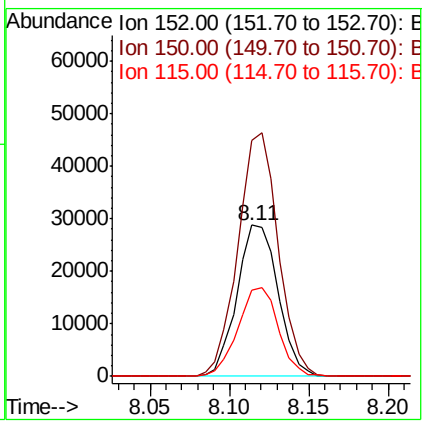


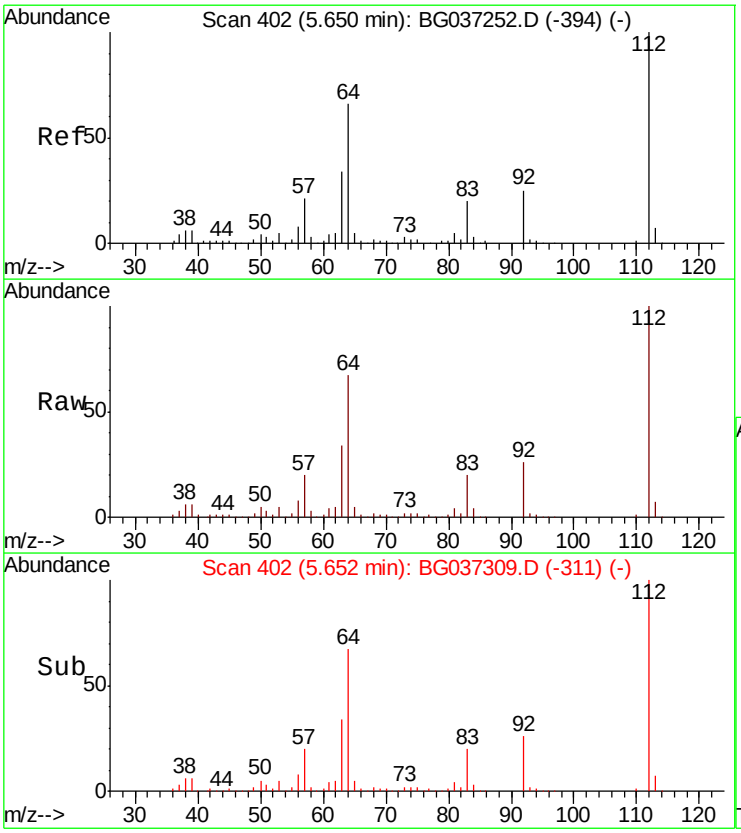
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG037309.D
Acq: 13 Oct 2018 2:50

Instrument :
BNA_F
ClientSampleId :
PB113793TB

Tgt Ion:152 Resp: 51829

Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.0	189.0
115	57.0	45.5	68.3

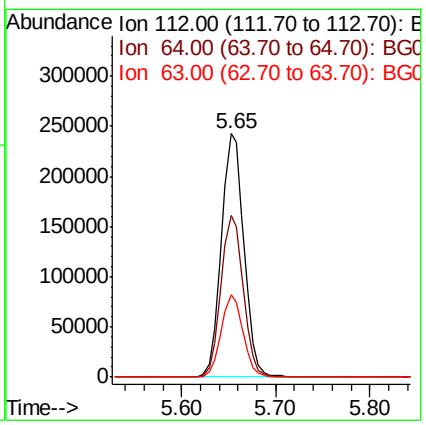


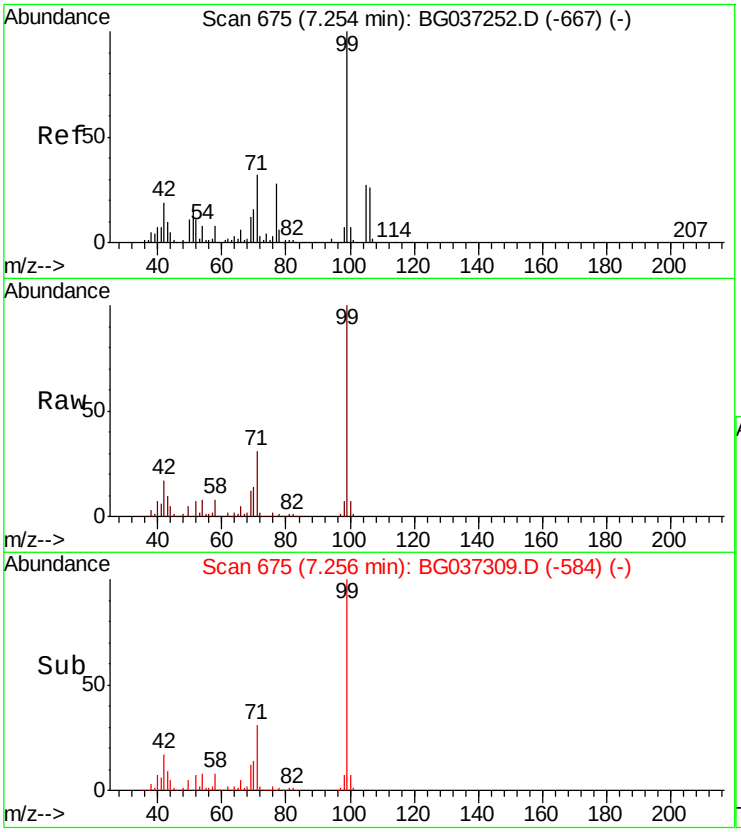


#5
2-Fluorophenol
Concen: 137.312 ng
RT: 5.65 min Scan# 402
Delta R.T. 0.00 min
Lab File: BG037309.D
Acq: 13 Oct 2018 2:50

Tgt Ion:112 Resp: 404381

Ion	Ratio	Lower	Upper
112	100		
64	66.5	53.1	79.7
63	34.0	27.3	40.9



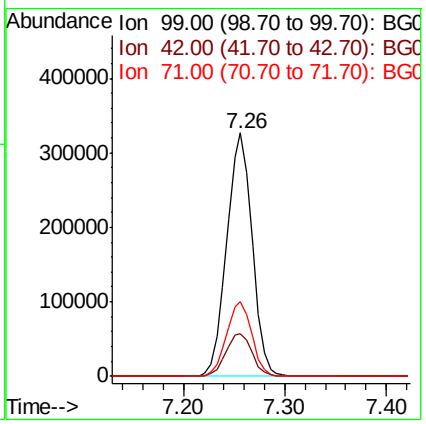


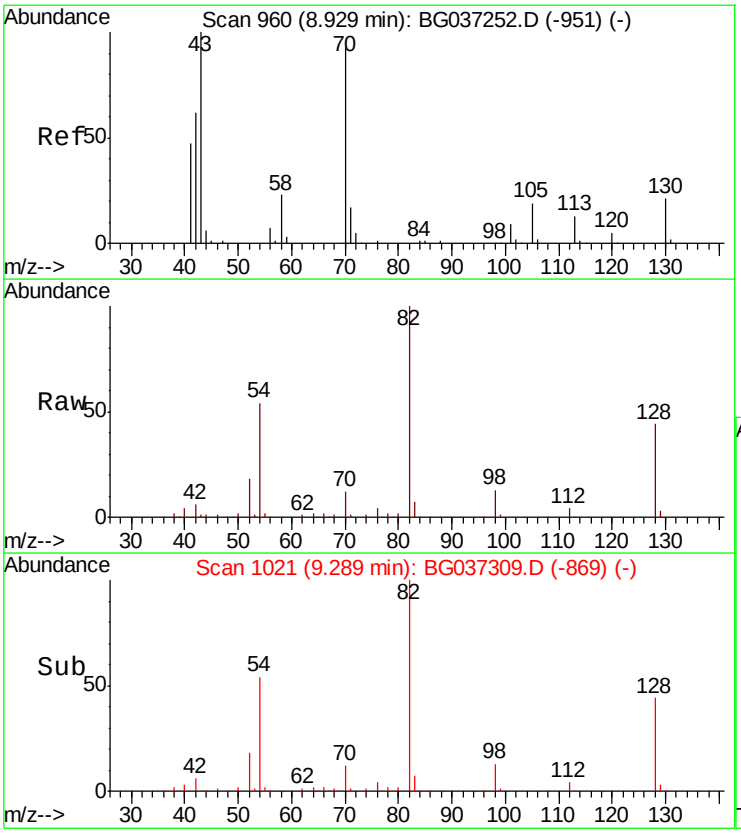
#7
Phenol-d6
Concen: 126.955 ng
RT: 7.26 min Scan# 675
Delta R.T. 0.00 min
Lab File: BG037309.D
Acq: 13 Oct 2018 2:50

Instrument :
BNA_F
ClientSampleId :
PB113793TB

Tgt Ion: 99 Resp: 567491

Ion	Ratio	Lower	Upper
99	100		
42	17.5	15.0	22.4
71	30.7	25.5	38.3

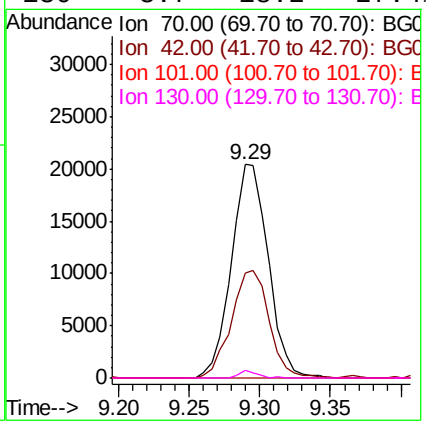


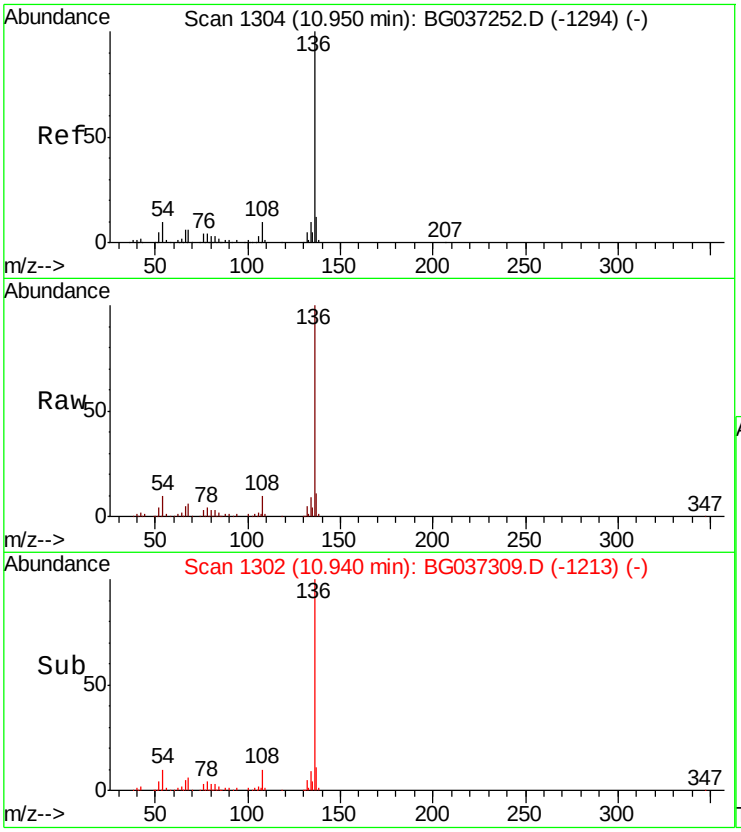


#19
n-Nitroso-di-n-propylamine
Concen: 11.008 ng
RT: 9.29 min Scan# 1021
Delta R.T. 0.36 min
Lab File: BG037309.D
Acq: 13 Oct 2018 2:50

Tgt Ion: 70 Resp: 37254

Ion	Ratio	Lower	Upper
70	100		
42	49.4	53.9	80.9#
101	0.0	8.2	12.2#
130	3.7	18.2	27.4#



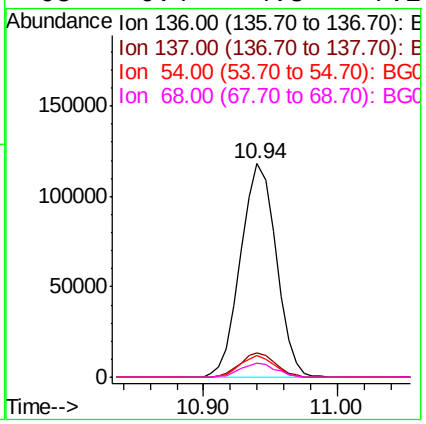


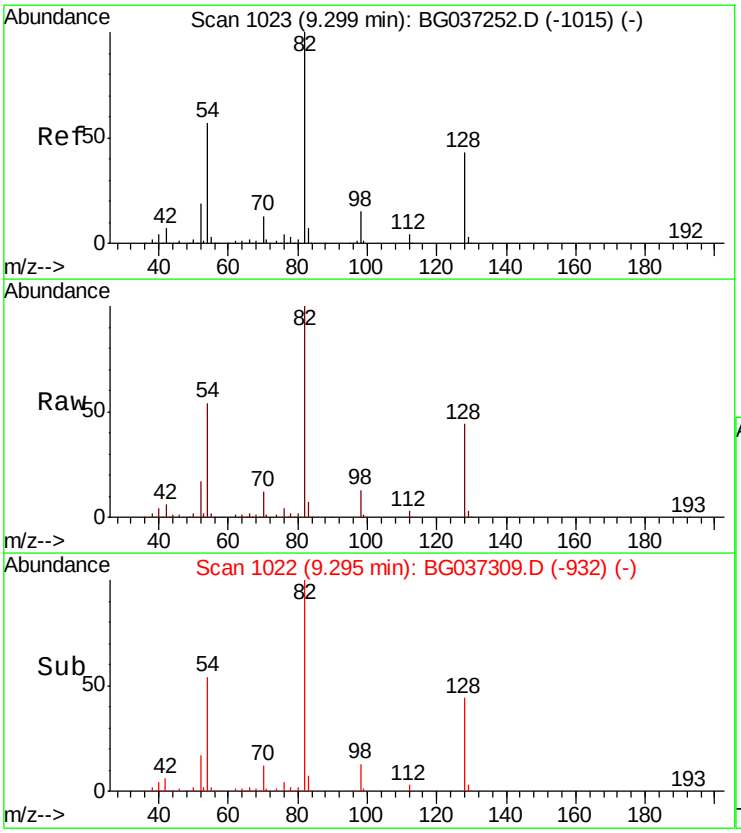
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG037309.D
Acq: 13 Oct 2018 2:50

Instrument :
BNA_F
ClientSampleId :
PB113793TB

Tgt Ion:136 Resp: 218433

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	10.1	7.9	11.9
68	6.4	4.8	7.2

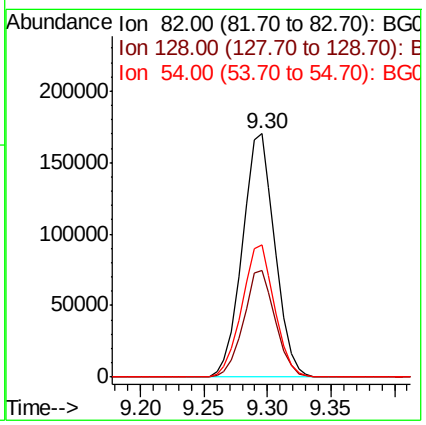


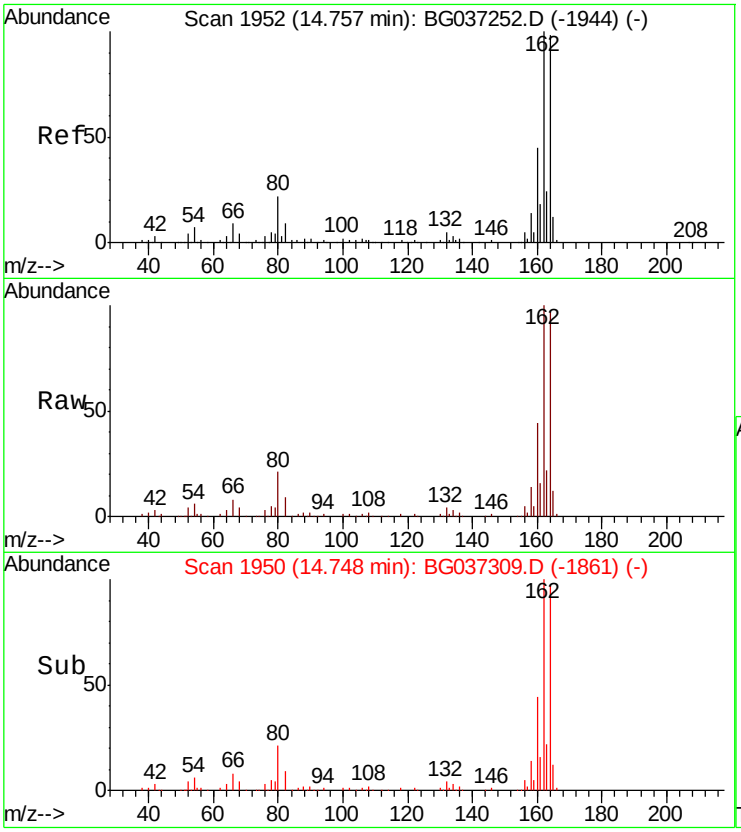


#23
Nitrobenzene-d5
Concen: 91.323 ng
RT: 9.30 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG037309.D
Acq: 13 Oct 2018 2:50

Tgt Ion: 82 Resp: 303416

Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.6	51.8
54	54.2	45.3	67.9



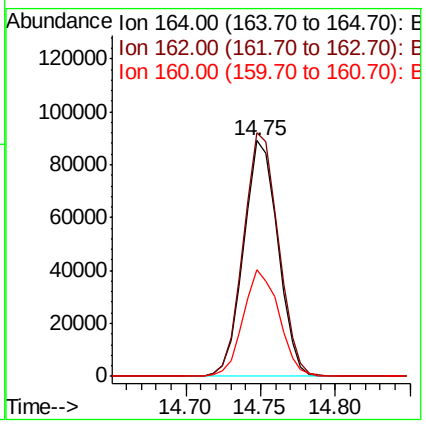


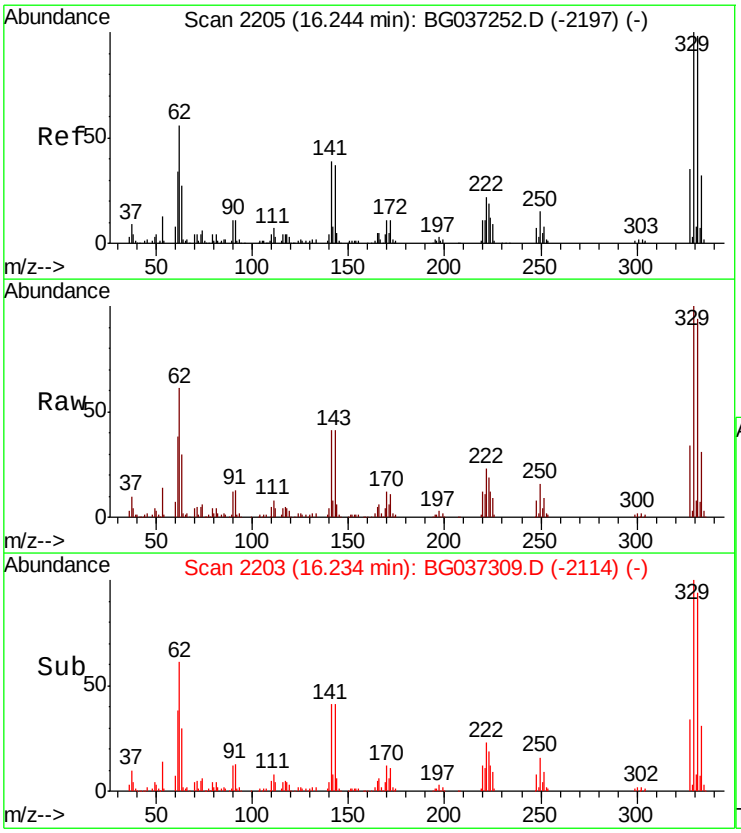
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG037309.D
Acq: 13 Oct 2018 2:50

Instrument :
BNA_F
ClientSampleId :
PB113793TB

Tgt Ion:164 Resp: 141174

Ion	Ratio	Lower	Upper
164	100		
162	103.3	81.3	121.9
160	45.2	36.3	54.5

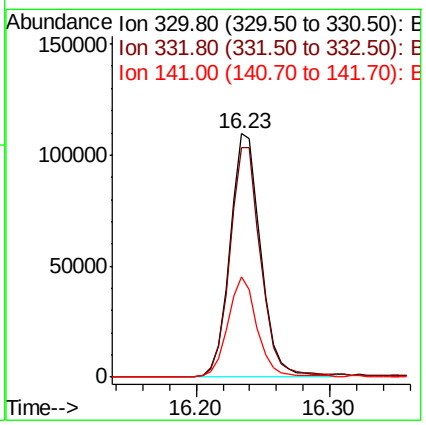


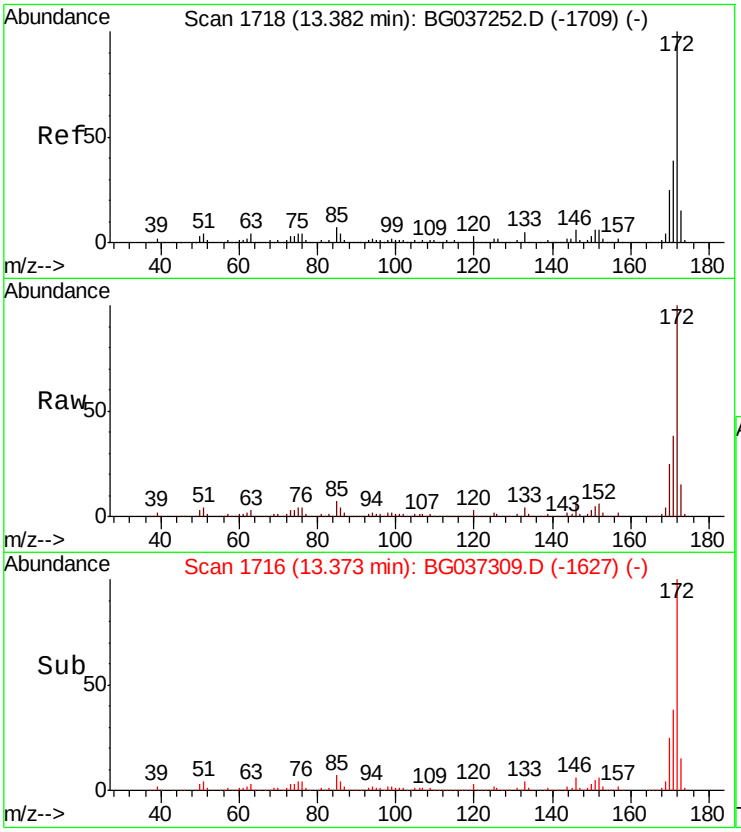


#42
2,4,6-Tribromophenol
Concen: 126.700 ng
RT: 16.23 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BG037309.D
Acq: 13 Oct 2018 2:50

Tgt Ion:330 Resp: 175419

Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.4	117.6
141	39.5	32.2	48.2



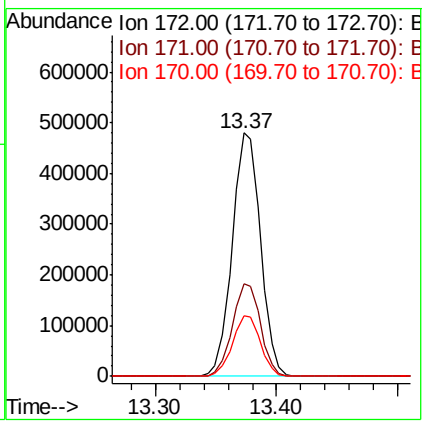


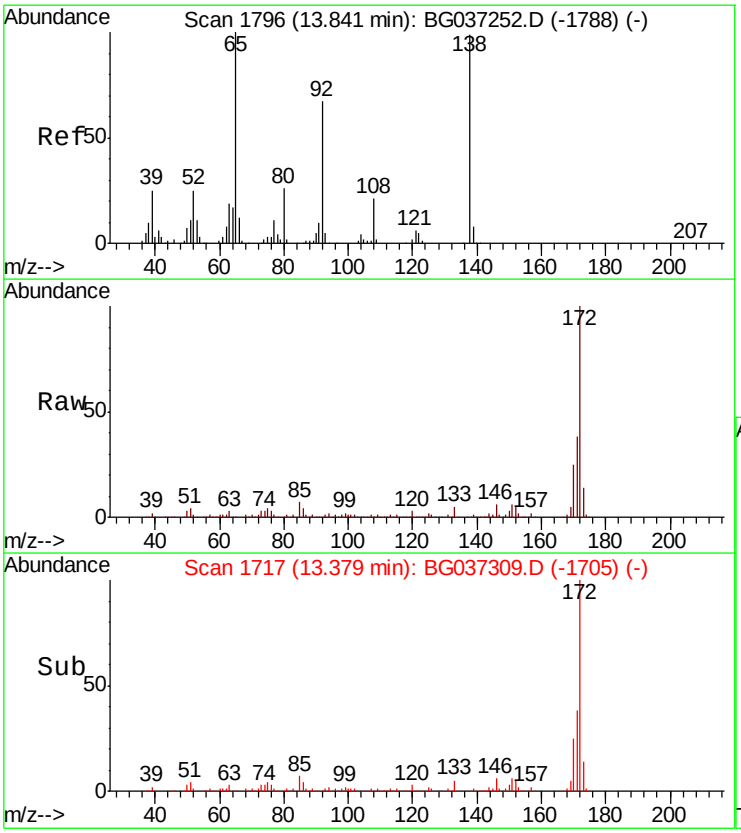
#45
2-Fluorobiphenyl
Concen: 83.200 ng
RT: 13.37 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BG037309.D
Acq: 13 Oct 2018 2:50

Instrument :
BNA_F
ClientSampleId :
PB113793TB

Tgt Ion:172 Resp: 782125

Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.0	46.4
170	24.8	20.2	30.2

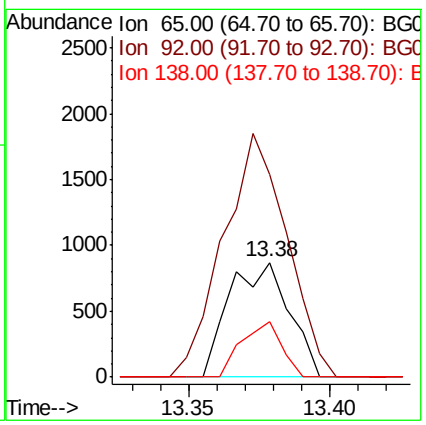


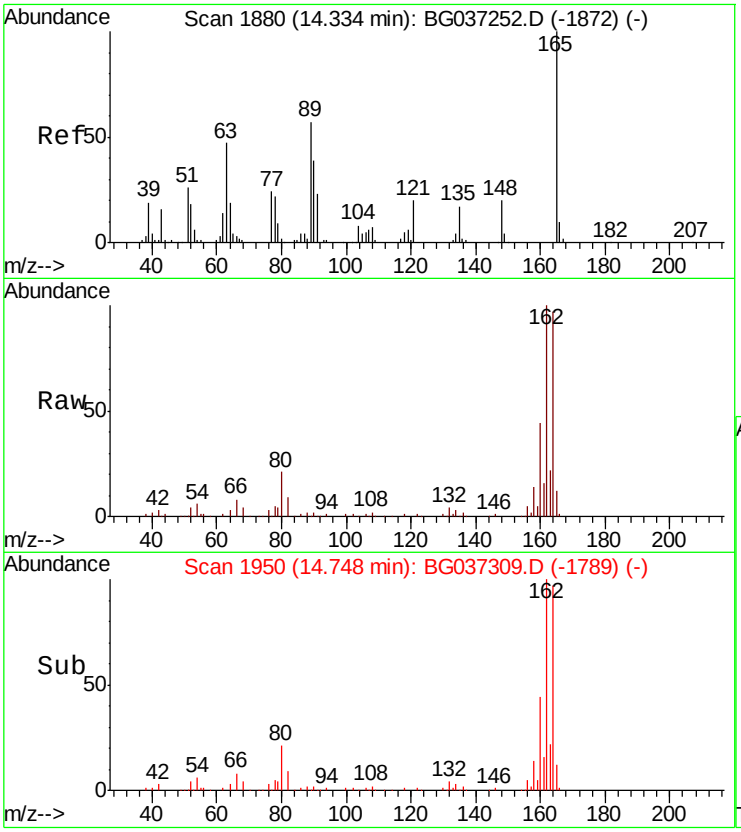


#48
2-Nitroaniline
Concen: 6.231 ng
RT: 13.38 min Scan# 1717
Delta R.T. -0.46 min
Lab File: BG037309.D
Acq: 13 Oct 2018 2:50

Tgt Ion: 65 Resp: 1285

Ion	Ratio	Lower	Upper
65	100		
92	177.3	53.2	79.8#
138	48.1	79.3	118.9#



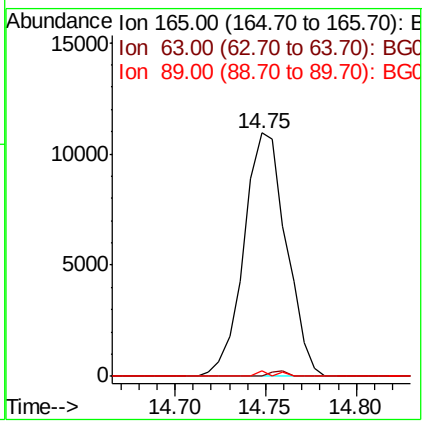


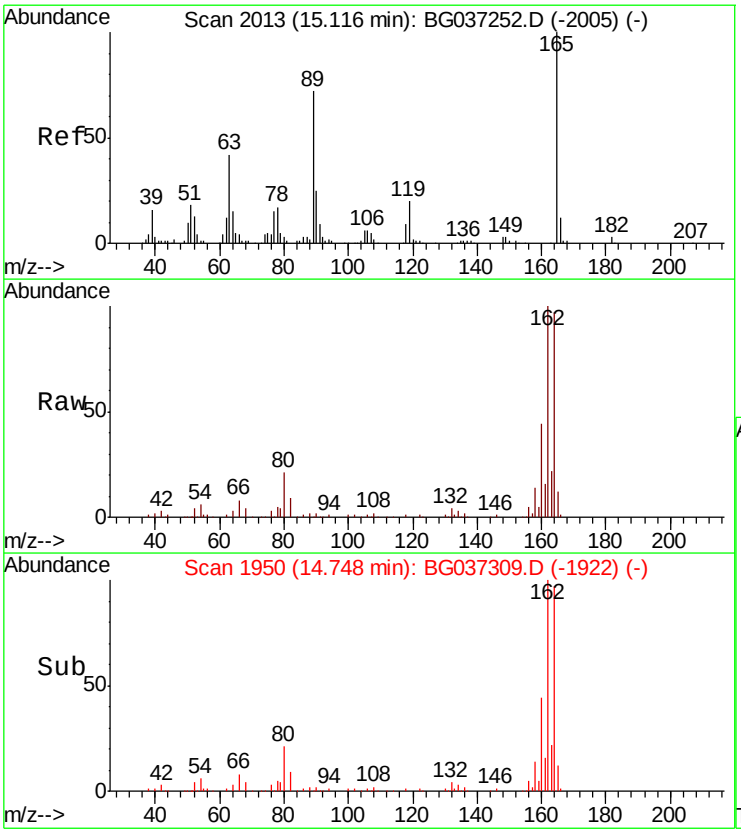
#51
2,6-Dinitrotoluene
Concen: 12.225 ng
RT: 14.75 min Scan# 1950
Delta R.T. 0.41 min
Lab File: BG037309.D
Acq: 13 Oct 2018 2:50

Instrument :
BNA_F
ClientSampleId :
PB113793TB

Tgt Ion:165 Resp: 17759

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	2.2	45.8	68.6#

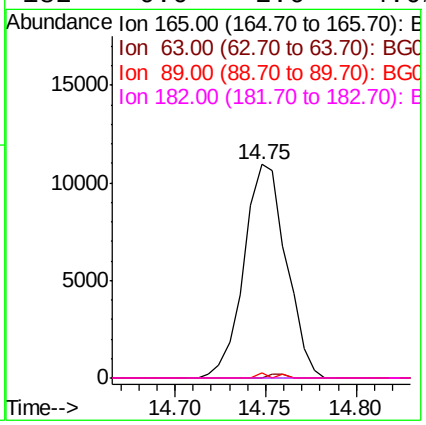


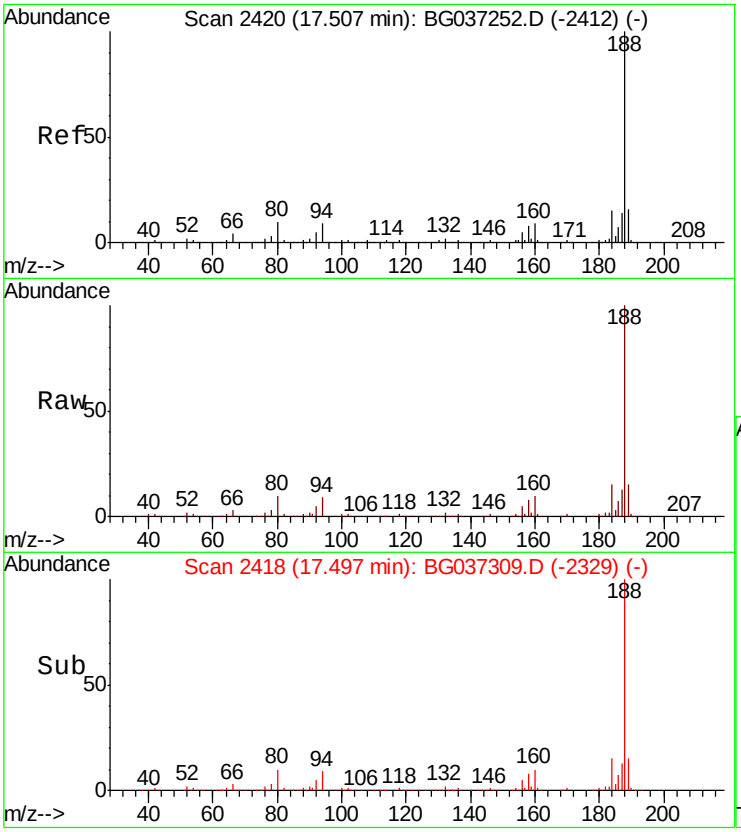


#57
2,4-Dinitrotoluene
Concen: 11.120 ng
RT: 14.75 min Scan# 1950
Delta R.T. -0.37 min
Lab File: BG037309.D
Acq: 13 Oct 2018 2:50

Tgt Ion:165 Resp: 17759

Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	2.2	57.2	85.8#
182	0.0	2.6	4.0#



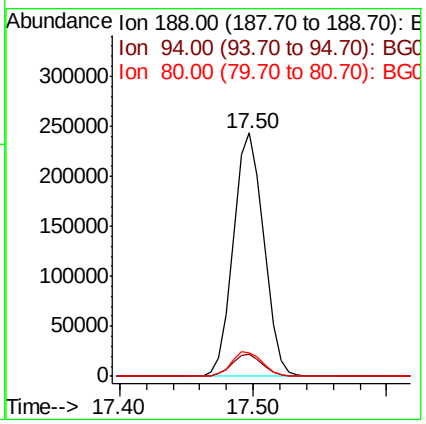


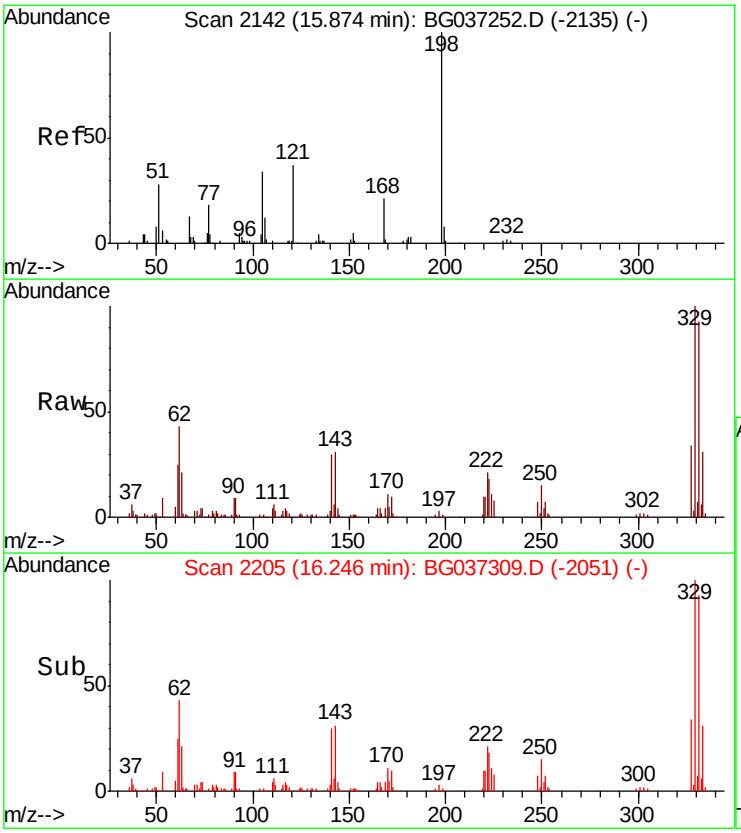
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BG037309.D
Acq: 13 Oct 2018 2:50

Instrument :
BNA_F
ClientSampleId :
PB113793TB

Tgt Ion:188 Resp: 382828

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.2	10.8
80	9.7	7.7	11.5

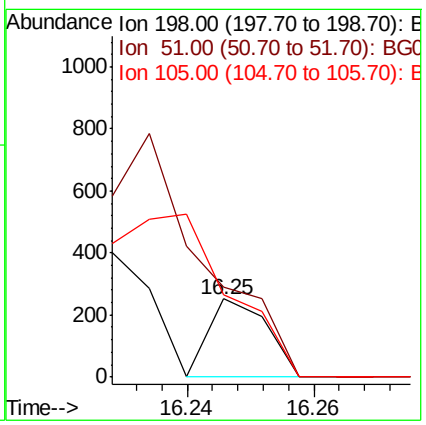


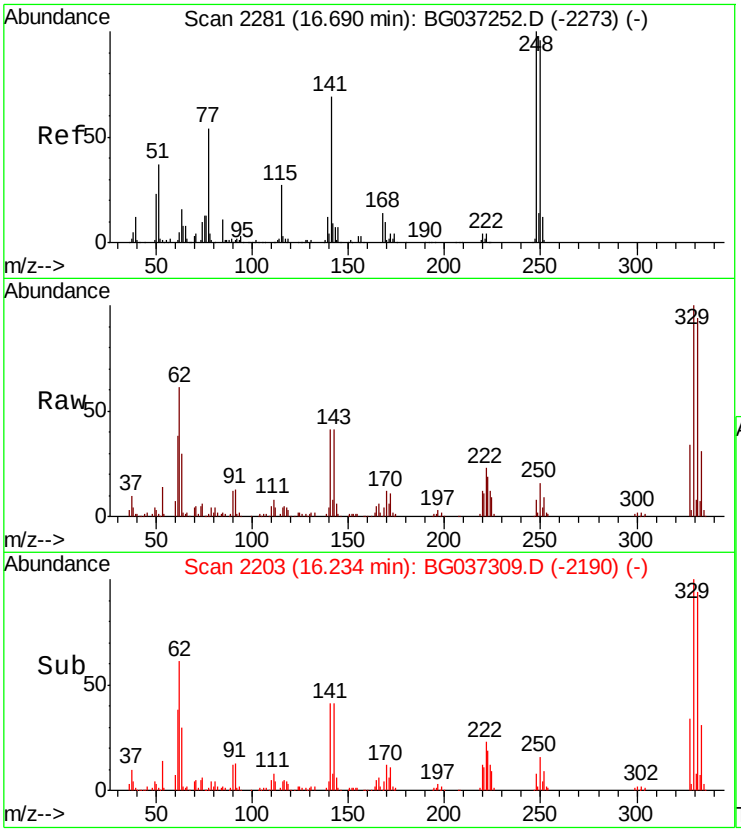


#65
4,6-Dinitro-2-methylphenol
Concen: 6.060 ng
RT: 16.25 min Scan# 2205
Delta R.T. 0.37 min
Lab File: BG037309.D
Acq: 13 Oct 2018 2:50

Tgt Ion:198 Resp: 157

Ion	Ratio	Lower	Upper
198	100		
51	27.0	22.7	62.7
105	24.8	19.7	59.7



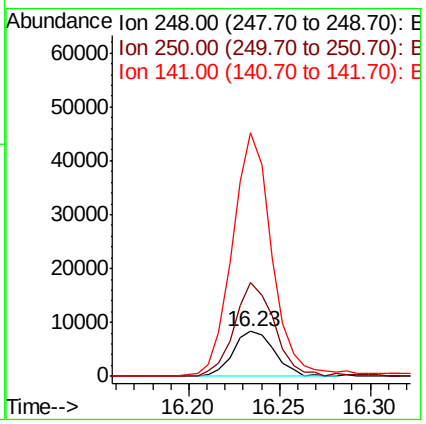


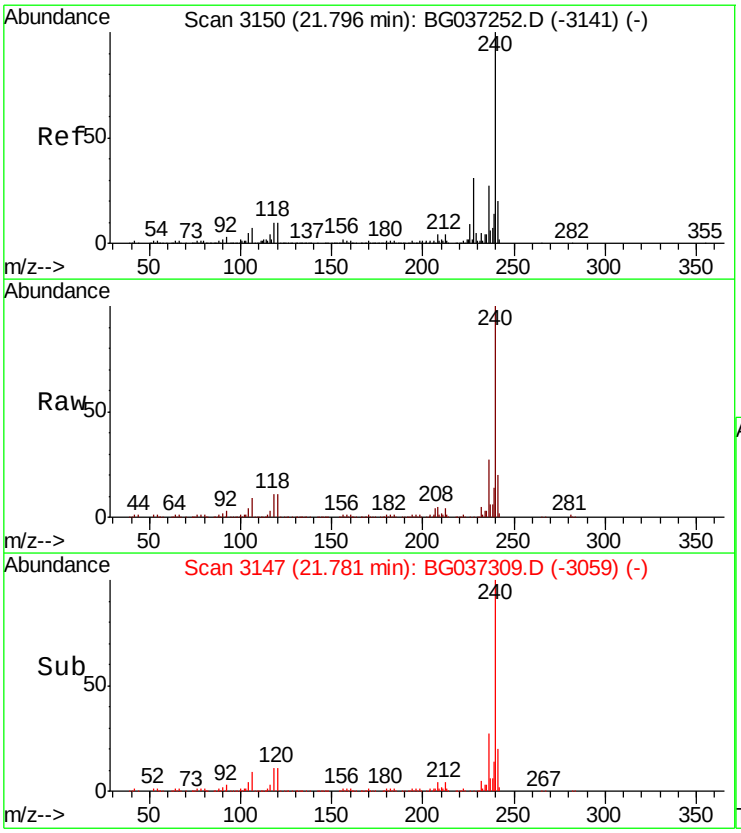
#67
4-Bromophenyl-phenylether
Concen: 3.181 ng
RT: 16.23 min Scan# 2203
Delta R.T. -0.46 min
Lab File: BG037309.D
Acq: 13 Oct 2018 2:50

Instrument :
BNA_F
ClientSampleId :
PB113793TB

Tgt Ion:248 Resp: 13143

Ion	Ratio	Lower	Upper
248	100		
250	199.9	77.0	115.6#
141	412.9	55.5	83.3#

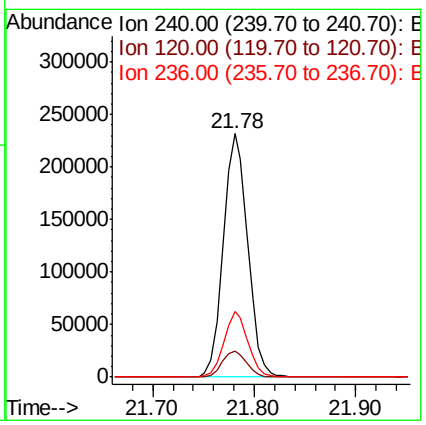


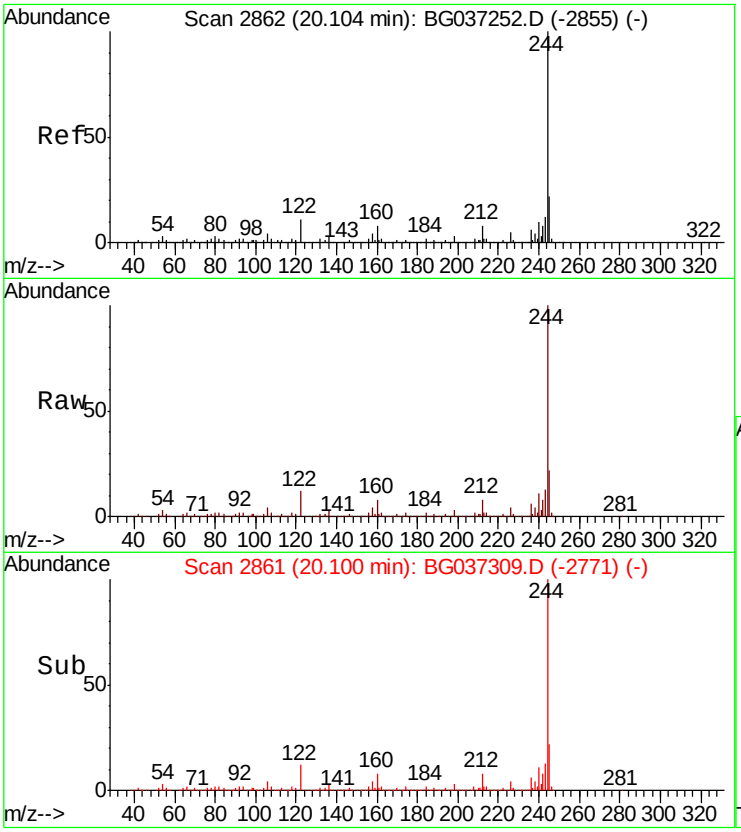


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3147
Delta R.T. -0.02 min
Lab File: BG037309.D
Acq: 13 Oct 2018 2:50

Tgt Ion:240 Resp: 386097

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.1	12.1
236	26.9	21.4	32.0



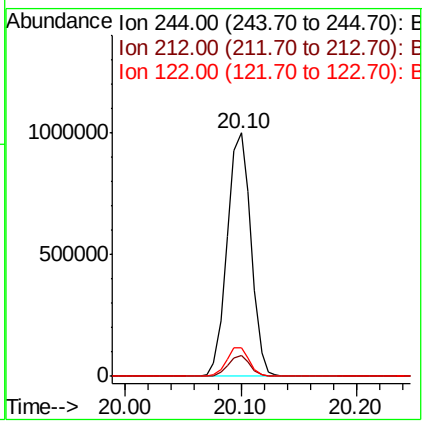


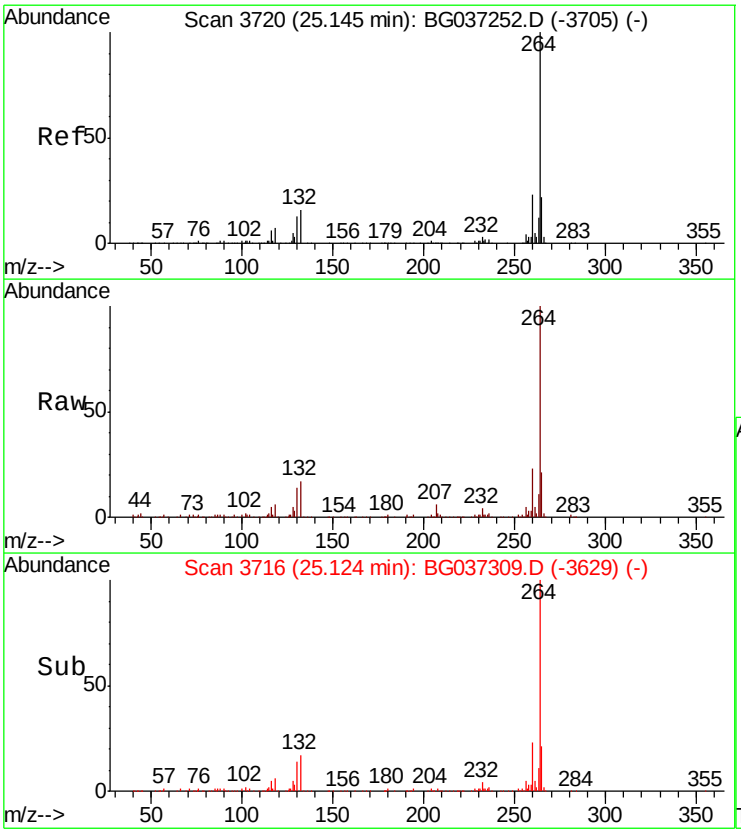
#79
Terphenyl-d14
Concen: 77.327 ng
RT: 20.10 min Scan# 2861
Delta R.T. -0.00 min
Lab File: BG037309.D
Acq: 13 Oct 2018 2:50

Instrument :
BNA_F
ClientSampleId :
PB113793TB

Tgt Ion:244 Resp: 1421873

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.5	9.7
122	11.5	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.12 min Scan# 3716
Delta R.T. -0.02 min
Lab File: BG037309.D
Acq: 13 Oct 2018 2:50

Tgt Ion:264 Resp: 381603

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	20.6	17.9	26.9