Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101218\
Data File : BG037308.D
Acq On : 13 Oct 2018 2:11
Operator : JU/SJ
Sample : PB113793BL
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB113793BL

Quant Time: Oct 13 04:16:14 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	53774	20.00	ng		-0.01
21) Naphthalene-d8	10.94	136	226392	20.00	ng		-0.01
39) Acenaphthene-d10	14.75	164	153590	20.00	ng		-0.01
64) Phenanthrene-d10	17.50	188	407789	20.00	ng		-0.01
76) Chrysene-d12	21.78	240	410147	20.00	ng		-0.02
87) Perylene-d12	25.12	264	403135	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	424138	138.81	ng		0.00
7) Phenol-d6	7.26	99	594537	128.19	ng		0.00
23) Nitrobenzene-d5	9.29	82	322220	93.57	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	195109	129.53	ng		-0.01
45) 2-Fluorobiphenyl	13.38	172	819008	80.08	ng		0.00
79) Terphenyl-d14	20.10	244	1492707	76.42	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.29	70	40156	11.436	ng	#	73
48) 2-Nitroaniline	13.37	65	1351	6.215	ng	#	1
51) 2,6-Dinitrotoluene	14.75	165	19757	12.393	ng	#	24
57) 2,4-Dinitrotoluene	14.75	165	19757	11.251	ng	#	24
65) 4,6-Dinitro-2-methylphenol	16.24	198	817	6.506	ng		76
67) 4-Bromophenyl-phenylether	16.24	248	14663	3.332	ng	#	1

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

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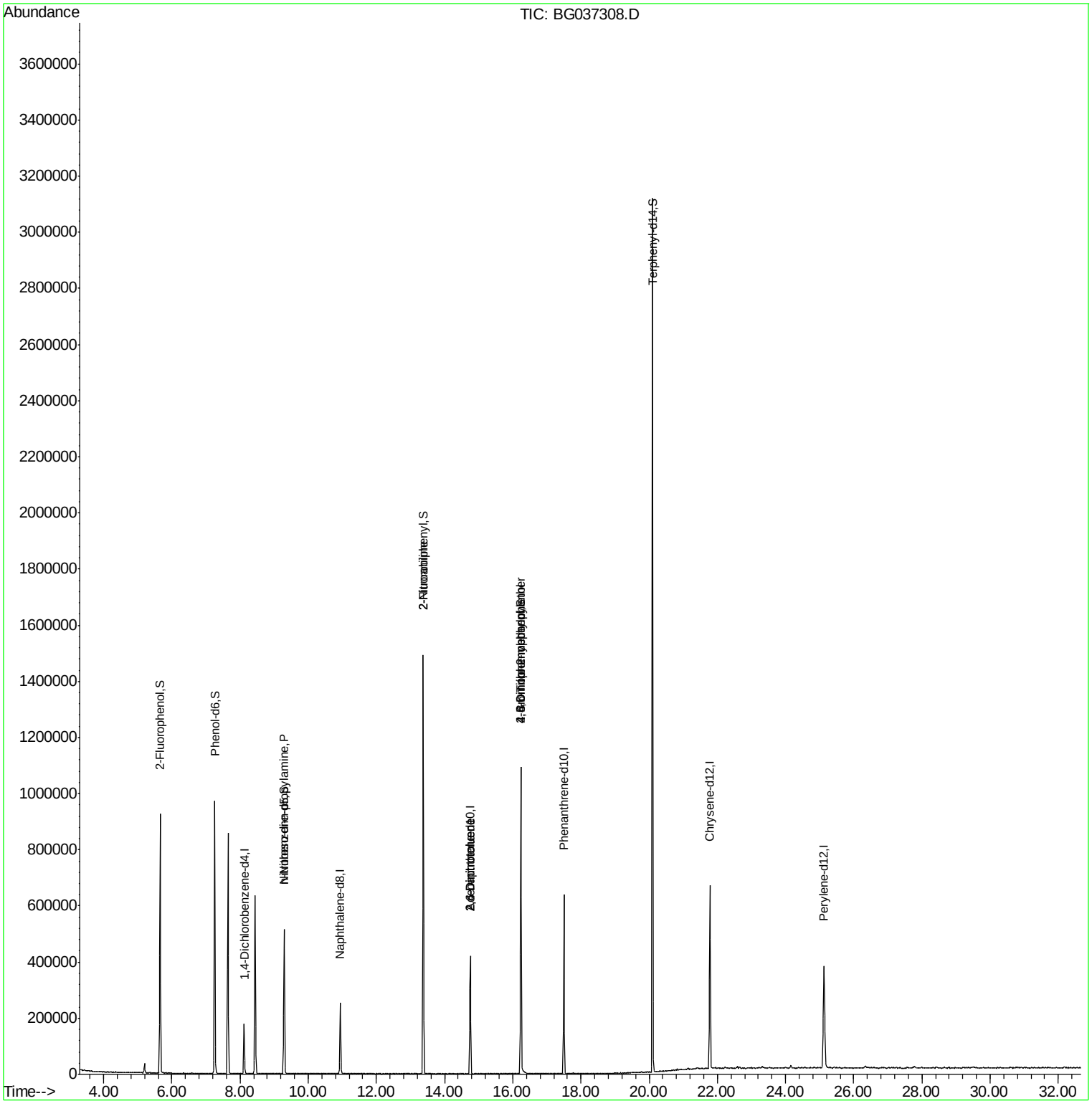
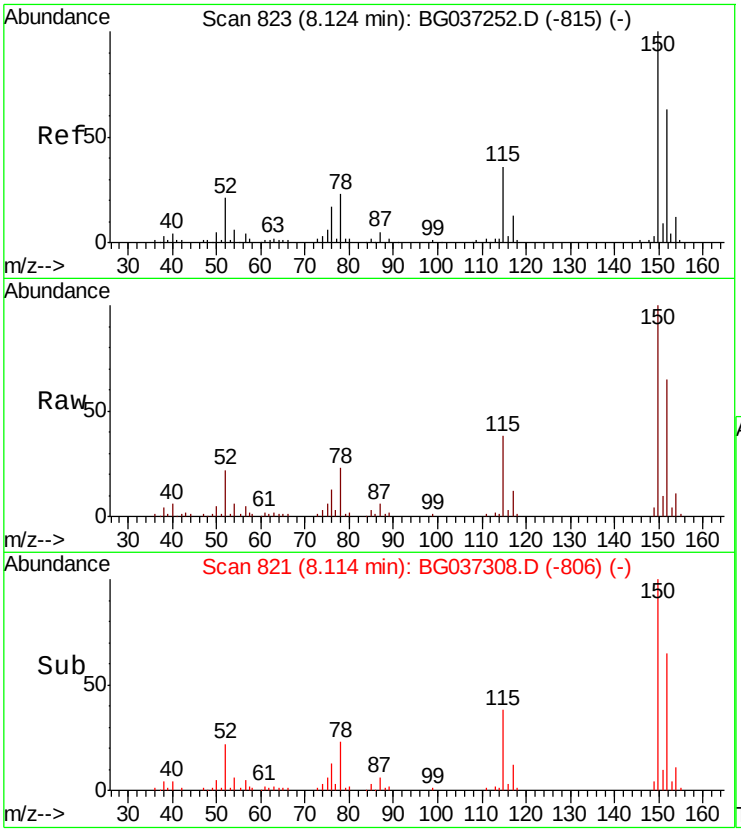


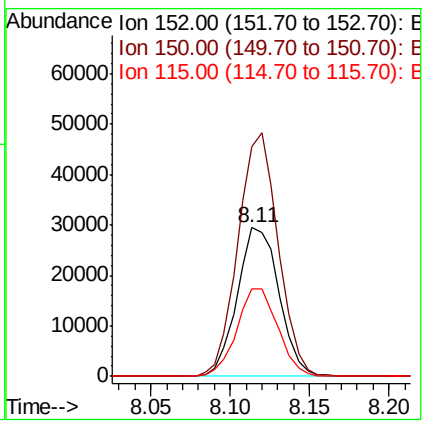


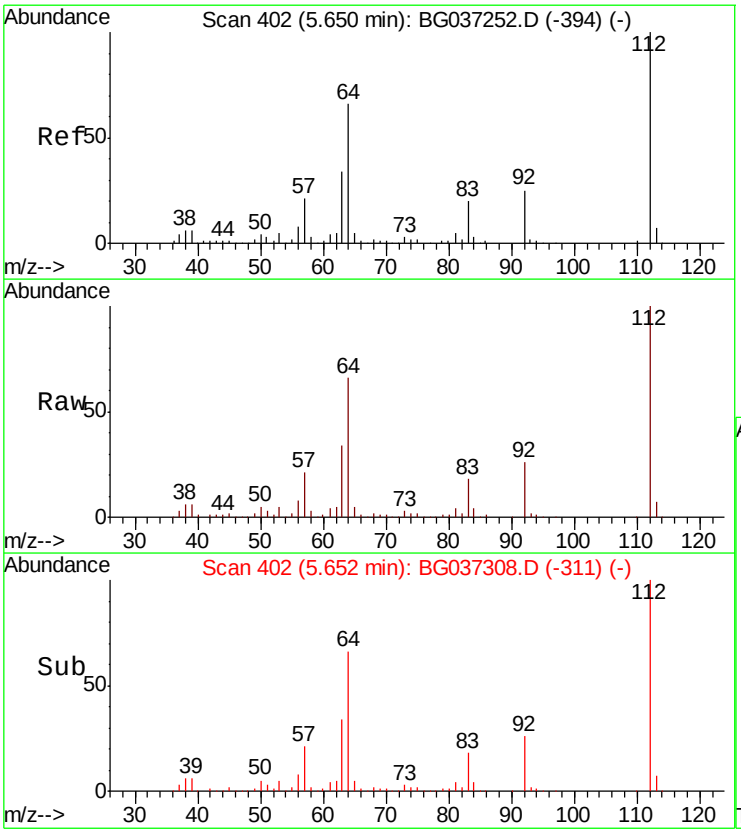
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG037308.D
Acq: 13 Oct 2018 2:11

Instrument :
BNA_F
ClientSampleId :
PB113793BL

Tgt Ion:152 Resp: 53774

Ion	Ratio	Lower	Upper
152	100		
150	154.7	126.0	189.0
115	59.1	45.5	68.3

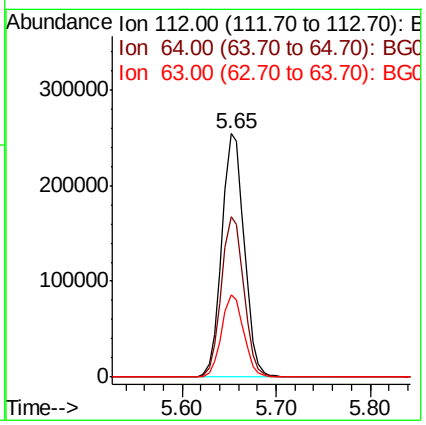


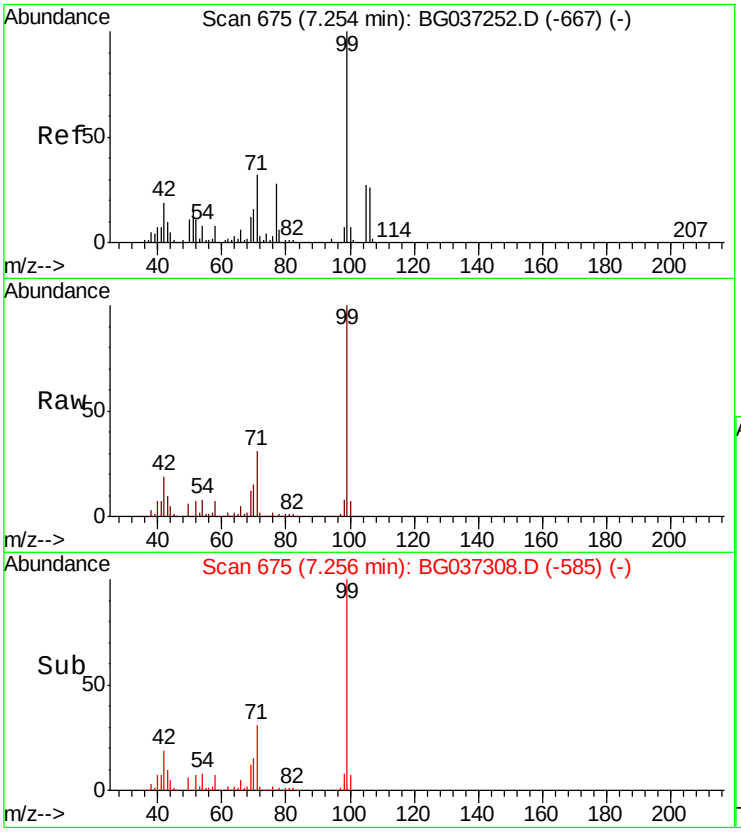


#5
2-Fluorophenol
Concen: 138.811 ng
RT: 5.65 min Scan# 402
Delta R.T. 0.00 min
Lab File: BG037308.D
Acq: 13 Oct 2018 2:11

Tgt Ion:112 Resp: 424138

Ion	Ratio	Lower	Upper
112	100		
64	66.0	53.1	79.7
63	33.9	27.3	40.9



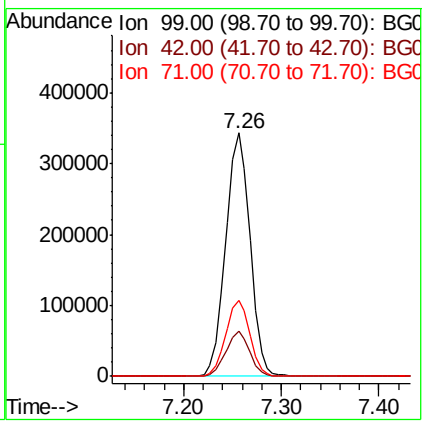


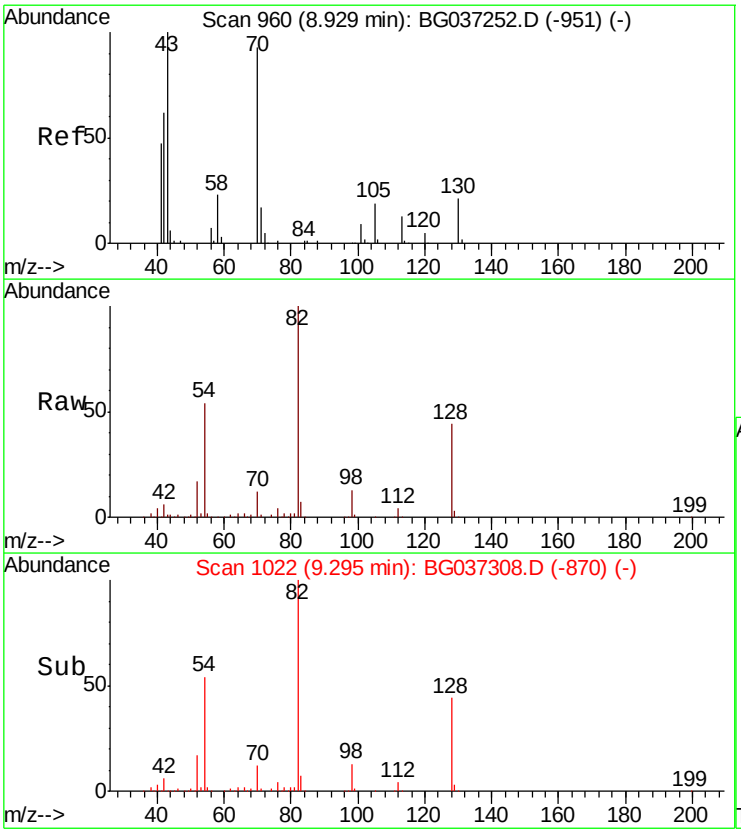
#7
Phenol-d6
Concen: 128.195 ng
RT: 7.26 min Scan# 675
Delta R.T. 0.00 min
Lab File: BG037308.D
Acq: 13 Oct 2018 2:11

Instrument :
BNA_F
ClientSampleId :
PB113793BL

Tgt Ion: 99 Resp: 594537

Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.0	22.4
71	31.4	25.5	38.3

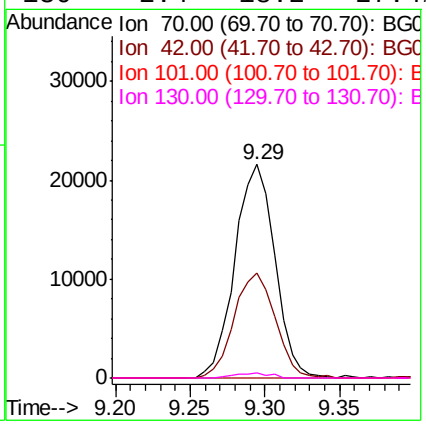


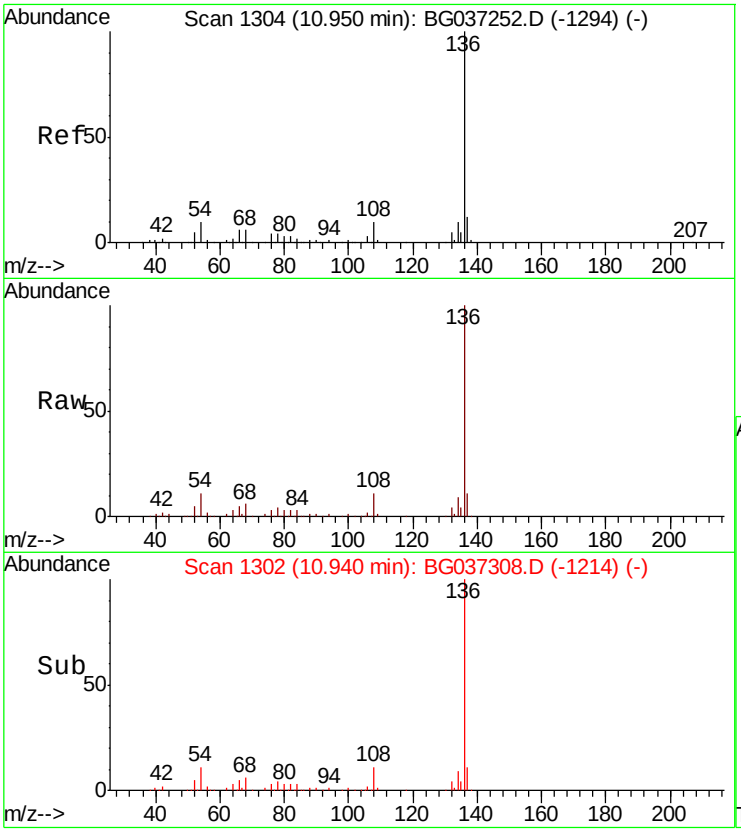


#19
n-Nitroso-di-n-propylamine
Concen: 11.436 ng
RT: 9.29 min Scan# 1022
Delta R.T. 0.37 min
Lab File: BG037308.D
Acq: 13 Oct 2018 2:11

Tgt Ion: 70 Resp: 40156

Ion	Ratio	Lower	Upper
70	100		
42	49.4	53.9	80.9#
101	0.0	8.2	12.2#
130	2.4	18.2	27.4#



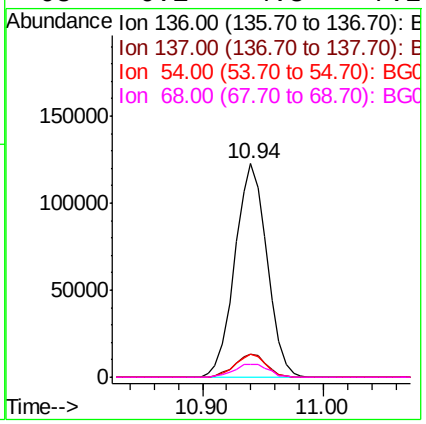


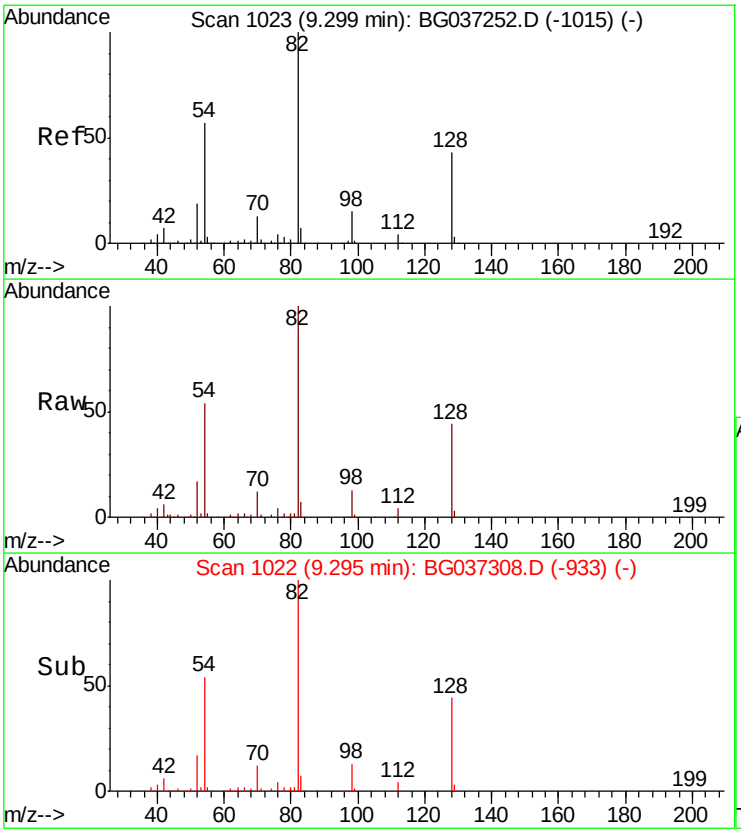
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG037308.D
Acq: 13 Oct 2018 2:11

Instrument :
BNA_F
ClientSampleId :
PB113793BL

Tgt Ion:136 Resp: 226392

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.6	14.4
54	10.5	7.9	11.9
68	6.1	4.8	7.2

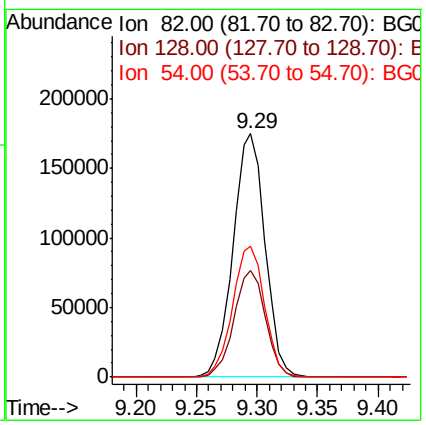


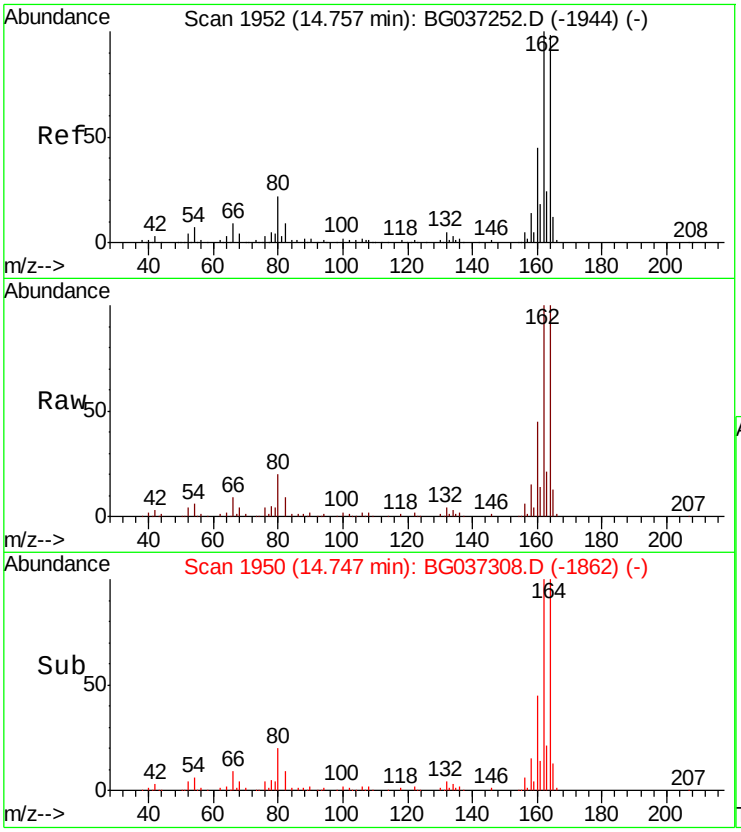


#23
Nitrobenzene-d5
Concen: 93.574 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG037308.D
Acq: 13 Oct 2018 2:11

Tgt Ion: 82 Resp: 322220

Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.6	51.8
54	53.8	45.3	67.9



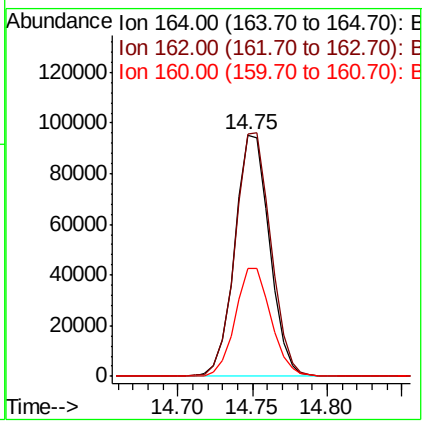


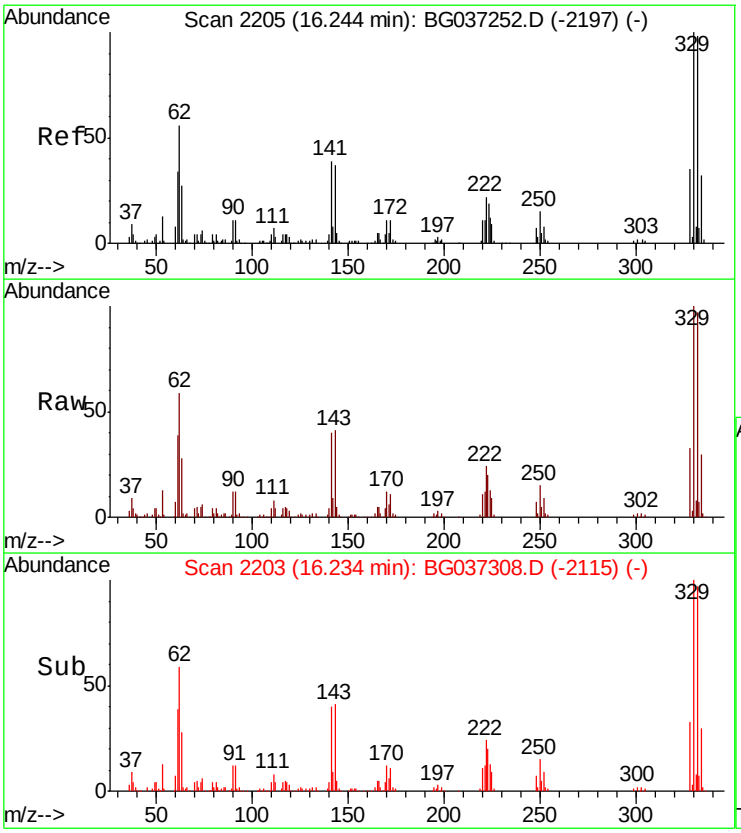
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG037308.D
Acq: 13 Oct 2018 2:11

Instrument :
BNA_F
ClientSampleId :
PB113793BL

Tgt Ion:164 Resp: 153590

Ion	Ratio	Lower	Upper
164	100		
162	100.5	81.3	121.9
160	44.8	36.3	54.5

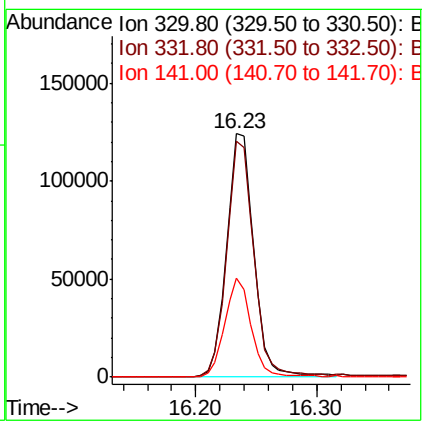


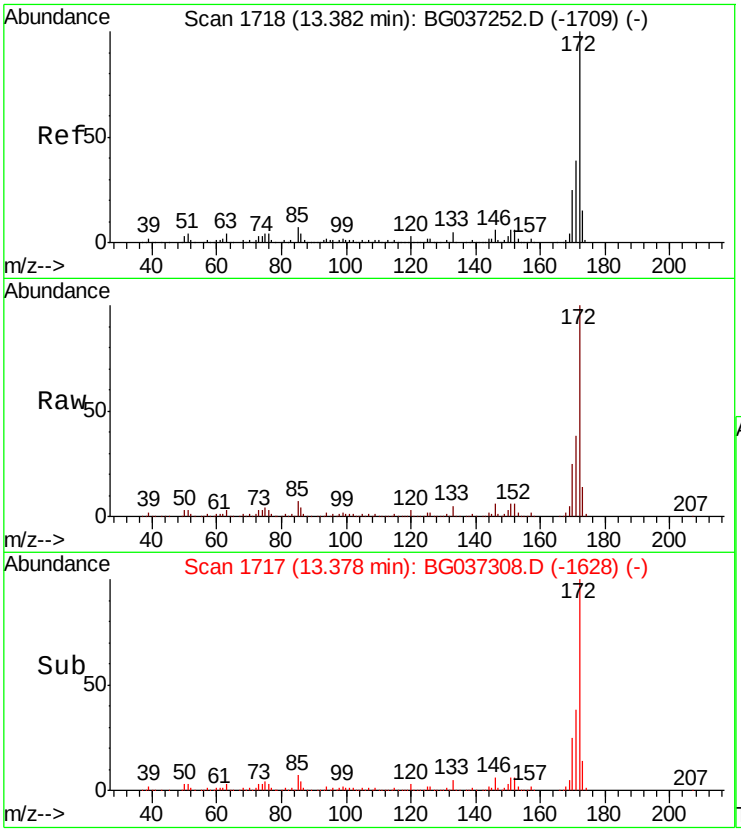


#42
2,4,6-Tribromophenol
Concen: 129.530 ng
RT: 16.23 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BG037308.D
Acq: 13 Oct 2018 2:11

Tgt Ion:330 Resp: 195109

Ion	Ratio	Lower	Upper
330	100		
332	98.0	78.4	117.6
141	39.3	32.2	48.2



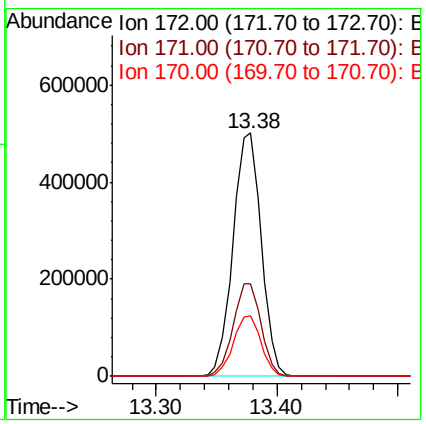


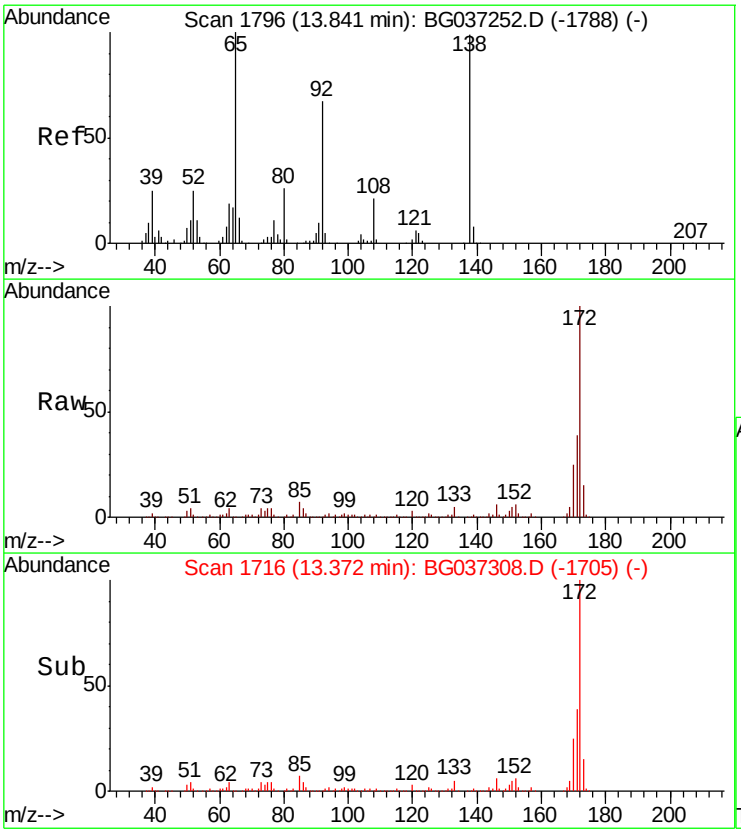
#45
2-Fluorobiphenyl
Concen: 80.081 ng
RT: 13.38 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BG037308.D
Acq: 13 Oct 2018 2:11

Instrument :
BNA_F
ClientSampleId :
PB113793BL

Tgt Ion:172 Resp: 819008

Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.0	46.4
170	24.9	20.2	30.2

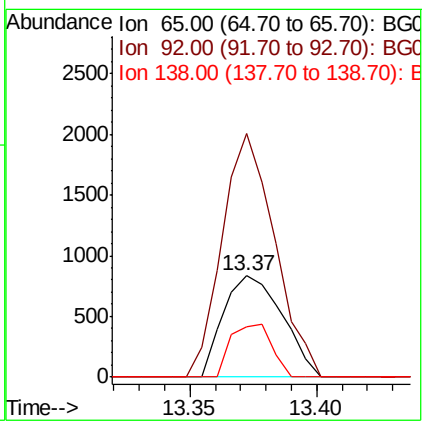


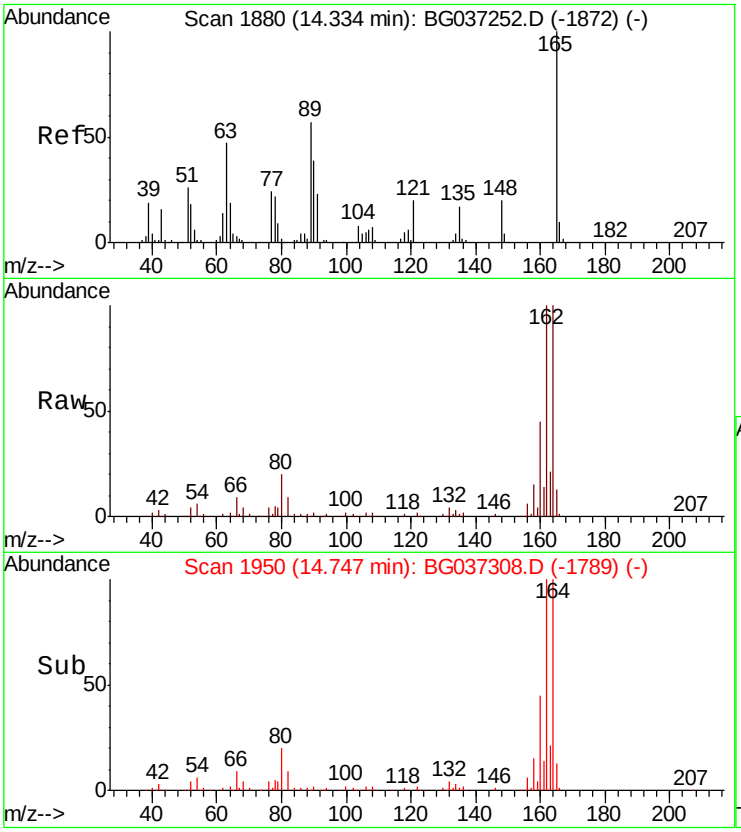


#48
2-Nitroaniline
Concen: 6.215 ng
RT: 13.37 min Scan# 1716
Delta R.T. -0.47 min
Lab File: BG037308.D
Acq: 13 Oct 2018 2:11

Tgt Ion: 65 Resp: 1351

Ion	Ratio	Lower	Upper
65	100		
92	240.8	53.2	79.8#
138	49.6	79.3	118.9#



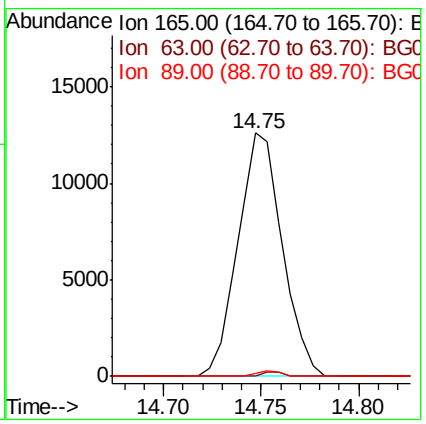


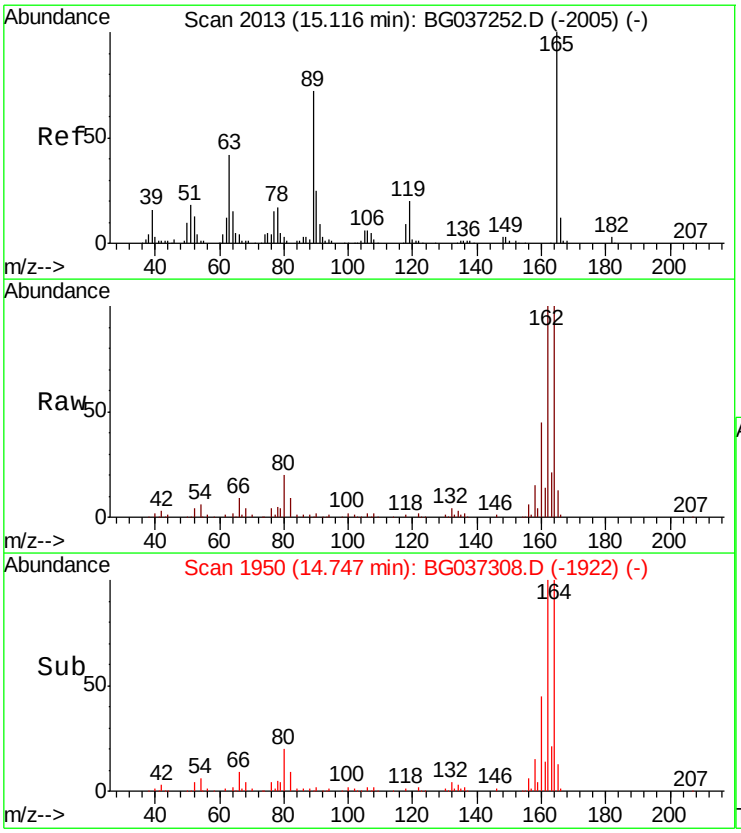
#51
2,6-Dinitrotoluene
Concen: 12.393 ng
RT: 14.75 min Scan# 1950
Delta R.T. 0.41 min
Lab File: BG037308.D
Acq: 13 Oct 2018 2:11

Instrument :
BNA_F
ClientSampleId :
PB113793BL

Tgt Ion:165 Resp: 19757

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	1.3	45.8	68.6#

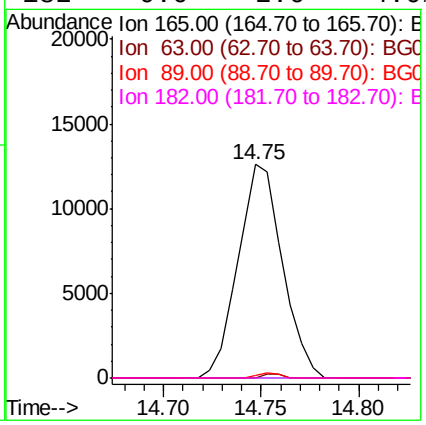


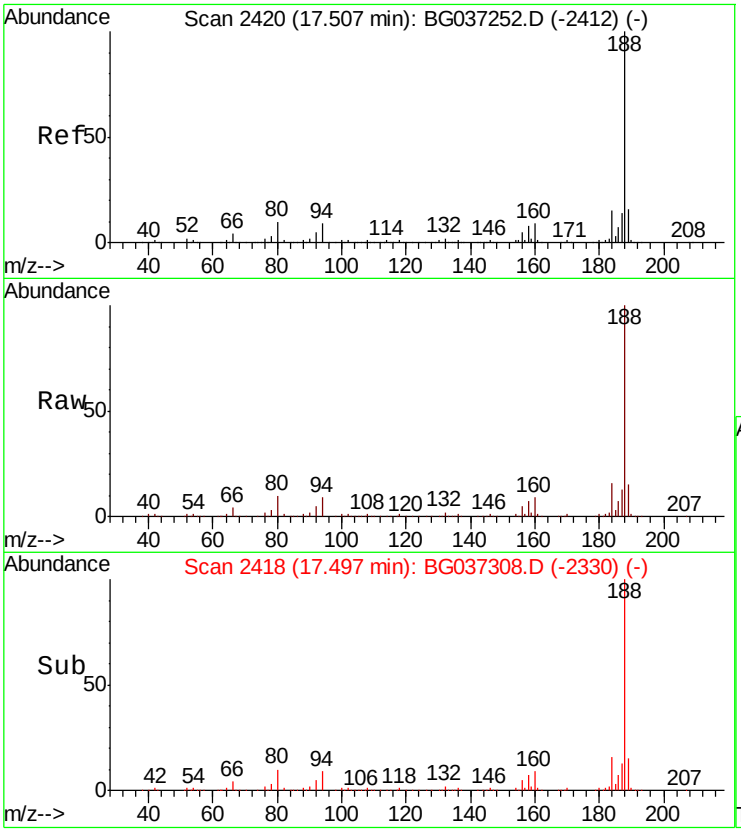


#57
2,4-Dinitrotoluene
Concen: 11.251 ng
RT: 14.75 min Scan# 1950
Delta R.T. -0.37 min
Lab File: BG037308.D
Acq: 13 Oct 2018 2:11

Tgt Ion:165 Resp: 19757

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



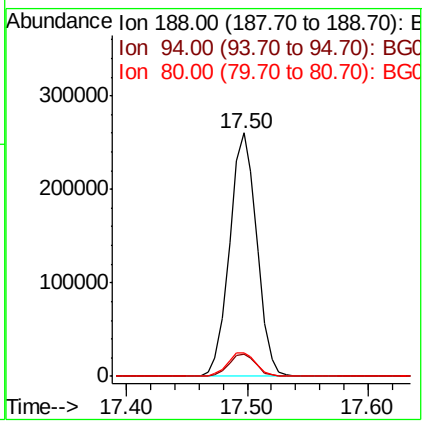


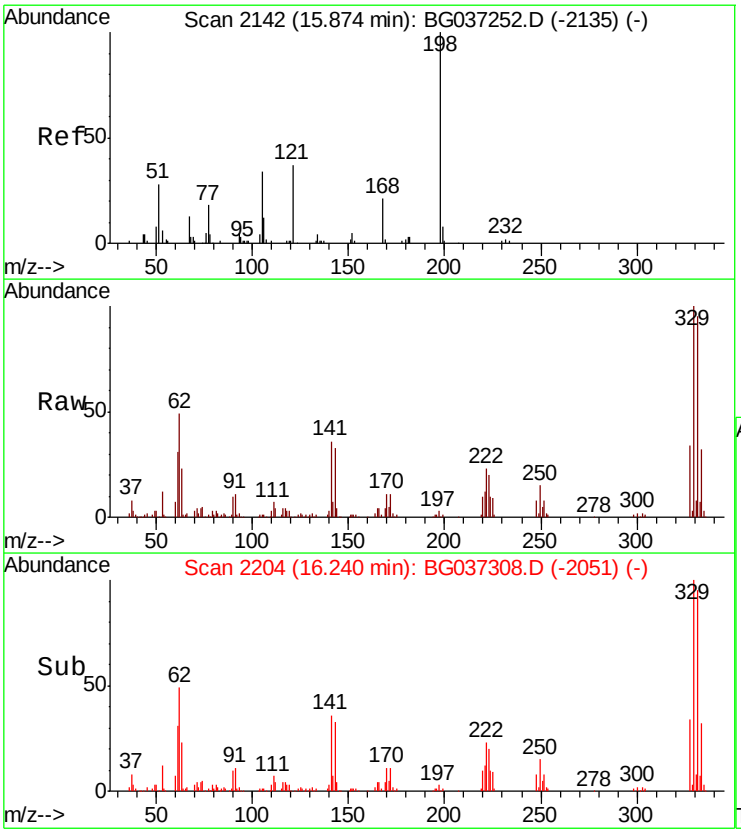
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BG037308.D
Acq: 13 Oct 2018 2:11

Instrument :
BNA_F
ClientSampleId :
PB113793BL

Tgt Ion:188 Resp: 407789

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.2	10.8
80	9.6	7.7	11.5

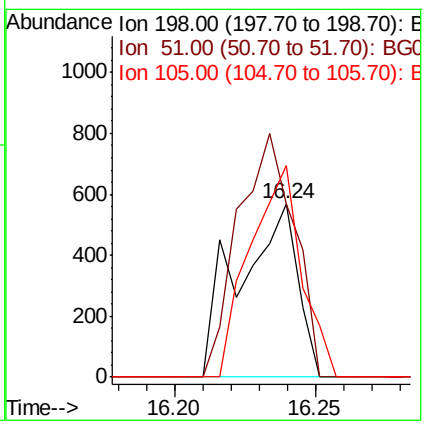


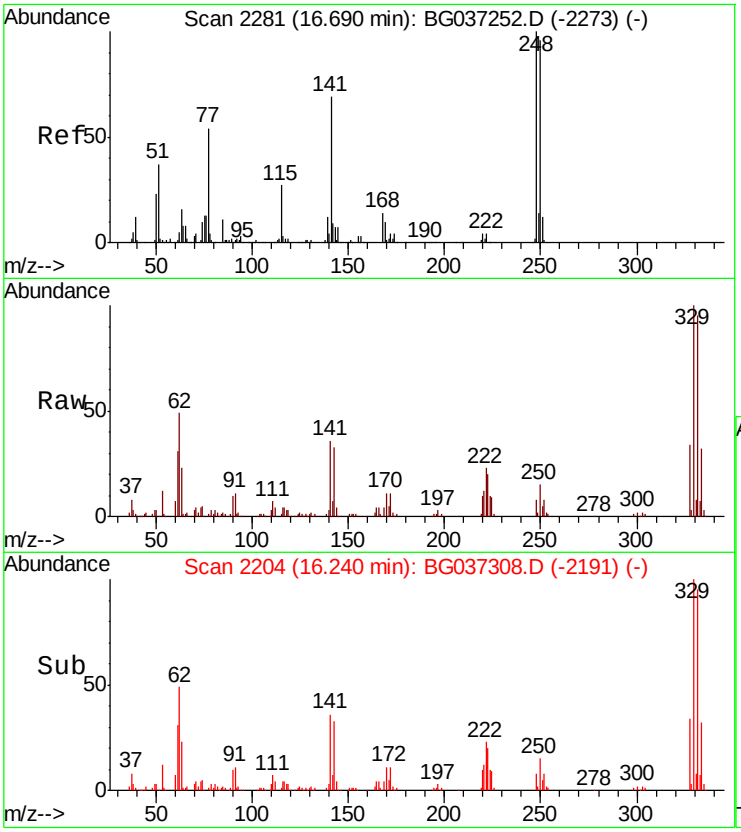


#65
4,6-Dinitro-2-methylphenol
Concen: 6.506 ng
RT: 16.24 min Scan# 2204
Delta R.T. 0.37 min
Lab File: BG037308.D
Acq: 13 Oct 2018 2:11

Tgt Ion:198 Resp: 817

Ion	Ratio	Lower	Upper
198	100		
51	23.8	22.7	62.7
105	29.1	19.7	59.7



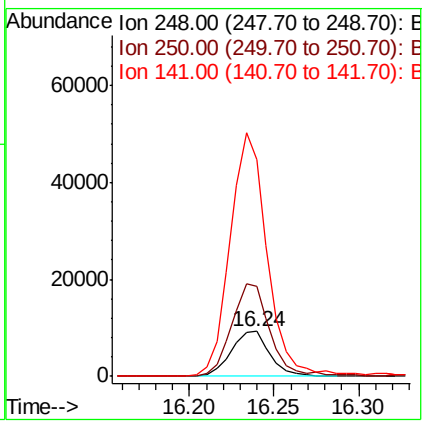


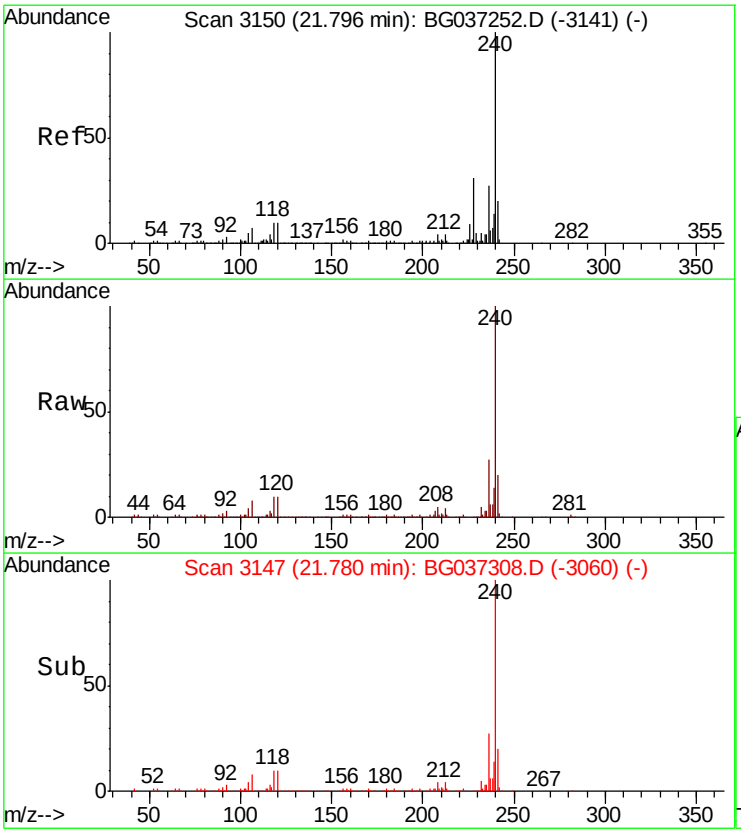
#67
4-Bromophenyl-phenylether
Concen: 3.332 ng
RT: 16.24 min Scan# 2204
Delta R.T. -0.45 min
Lab File: BG037308.D
Acq: 13 Oct 2018 2:11

Instrument :
BNA_F
ClientSampleId :
PB113793BL

Tgt Ion:248 Resp: 14663

Ion	Ratio	Lower	Upper
248	100		
250	205.0	77.0	115.6#
141	379.8	55.5	83.3#

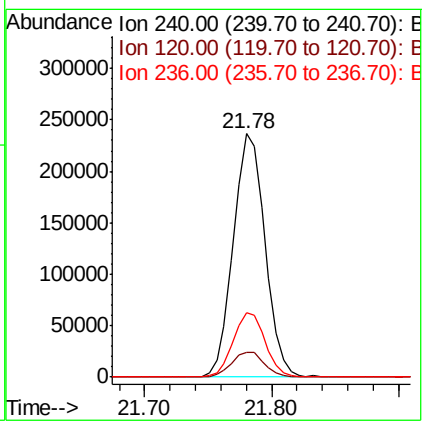


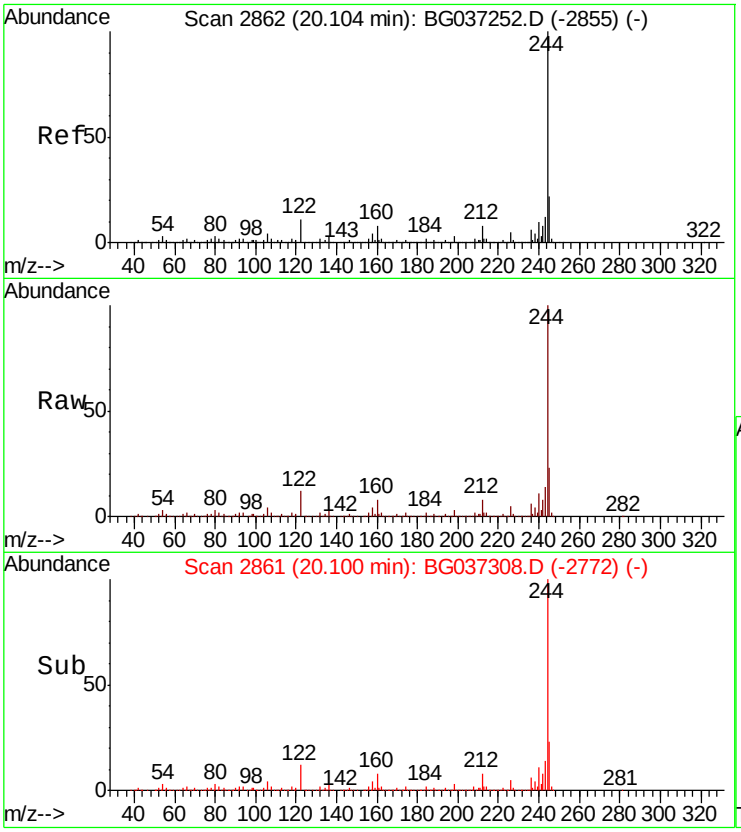


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3147
Delta R.T. -0.02 min
Lab File: BG037308.D
Acq: 13 Oct 2018 2:11

Tgt Ion:240 Resp: 410147

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.1	12.1
236	26.5	21.4	32.0



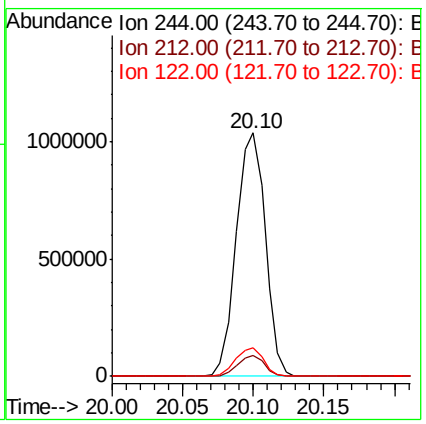


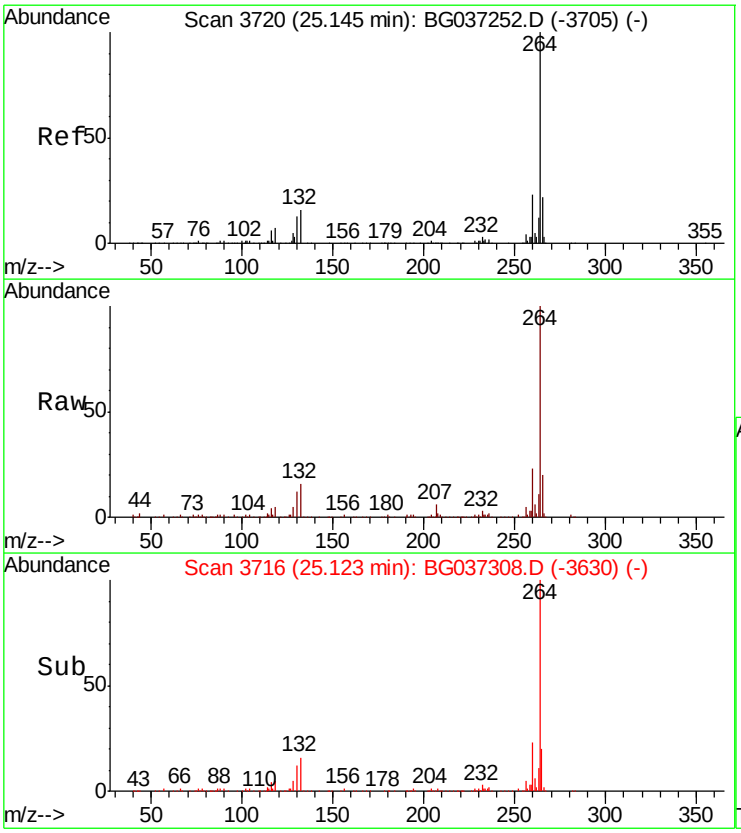
#79
Terphenyl-d14
Concen: 76.419 ng
RT: 20.10 min Scan# 2861
Delta R.T. -0.00 min
Lab File: BG037308.D
Acq: 13 Oct 2018 2:11

Instrument :
BNA_F
ClientSampleId :
PB113793BL

Tgt Ion:244 Resp: 1492707

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.5	9.7
122	11.7	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: BG037308.D
Acq: 13 Oct 2018 2:11

Tgt Ion:264 Resp: 403135

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.4
265	20.4	17.9	26.9