Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042619\
Data File : BG040633.D
Acq On : 26 Apr 2019 17:28
Operator : JU/SJ
Sample : K2566-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S37-0012

Quant Time: Apr 27 02:03:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	56915	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	250043	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	190337	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	482528	20.00	ng	0.00
76) Chrysene-d12	21.82	240	478222	20.00	ng	0.00
87) Perylene-d12	25.19	264	501157	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	153475	47.53	ng	0.00
7) Phenol-d6	7.29	99	136562	27.47	ng	0.00
23) Nitrobenzene-d5	9.34	82	415994	76.87	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	297288	113.63	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	901915	68.43	ng	0.00
79) Terphenyl-d14	20.13	244	1664491	77.11	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.29	77	98	Below Cal	#	6
19) n-Nitroso-di-n-propylamine	9.34	70	61797	13.809	ng	# 74
51) 2,6-Dinitrotoluene	14.78	165	22708	7.306	ng	# 17
57) 2,4-Dinitrotoluene	14.78	165	22708	5.377	ng	# 18
65) 4,6-Dinitro-2-methylphenol	16.27	198	1262	7.553	ng	# 6
67) 4-Bromophenyl-phenylether	16.27	248	22959	3.819	ng	# 1
77) Benzidine	20.13	184	31752	2.425	ng	# 94

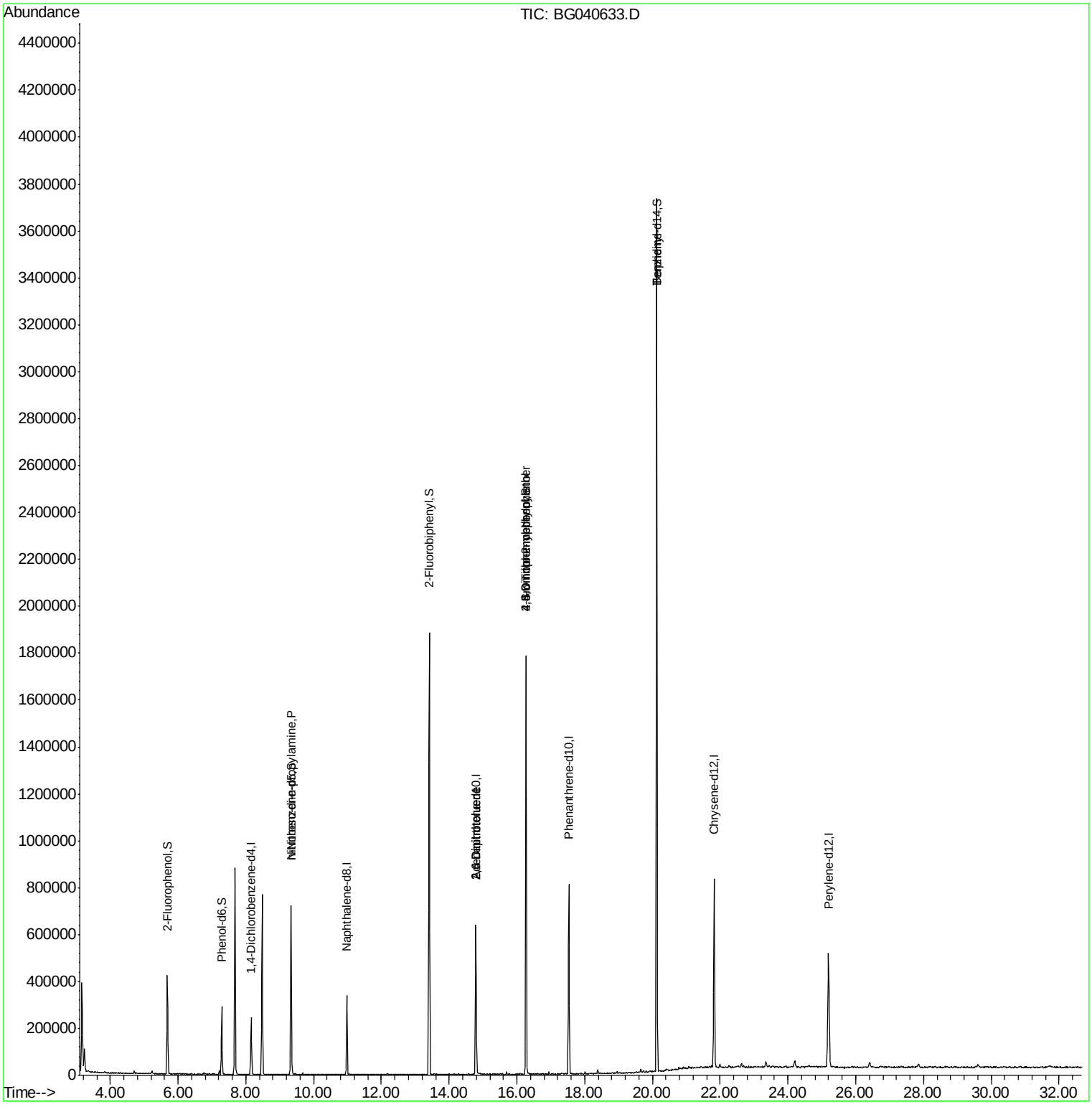
(#) = qualifier out of range (m) = manual integration (+) = signals summed

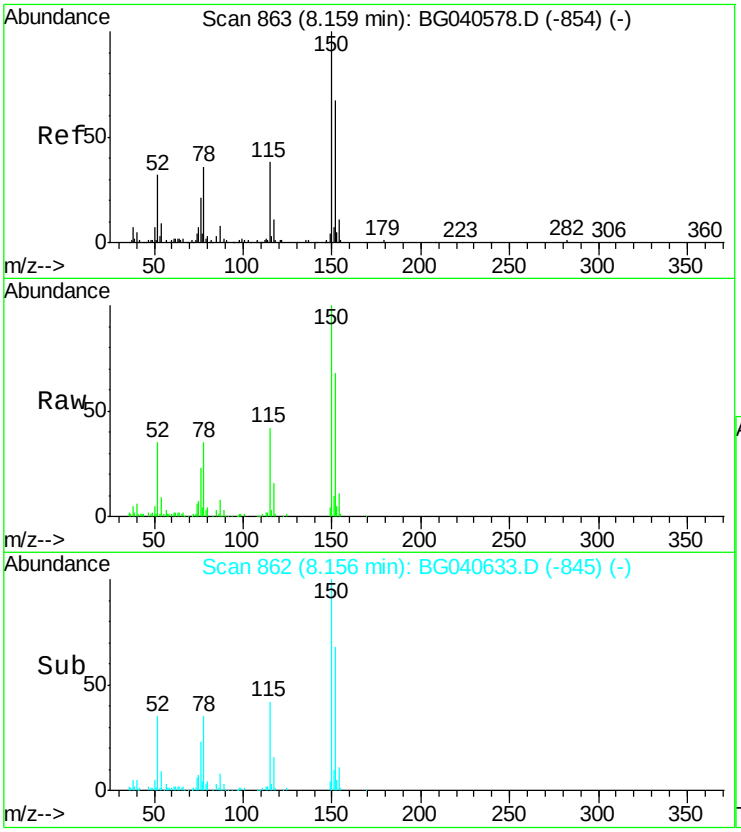
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042619\
Data File : BG040633.D
Acq On : 26 Apr 2019 17:28
Operator : JU/SJ
Sample : K2566-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S37-0012

Quant Time: Apr 27 02:03:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration



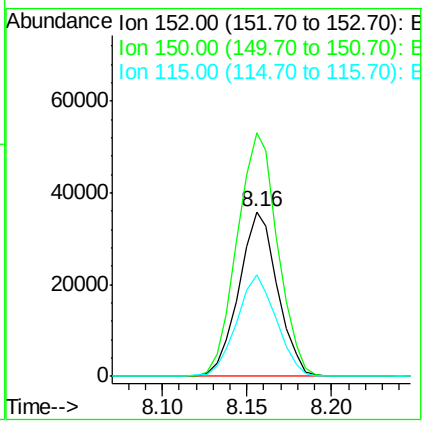


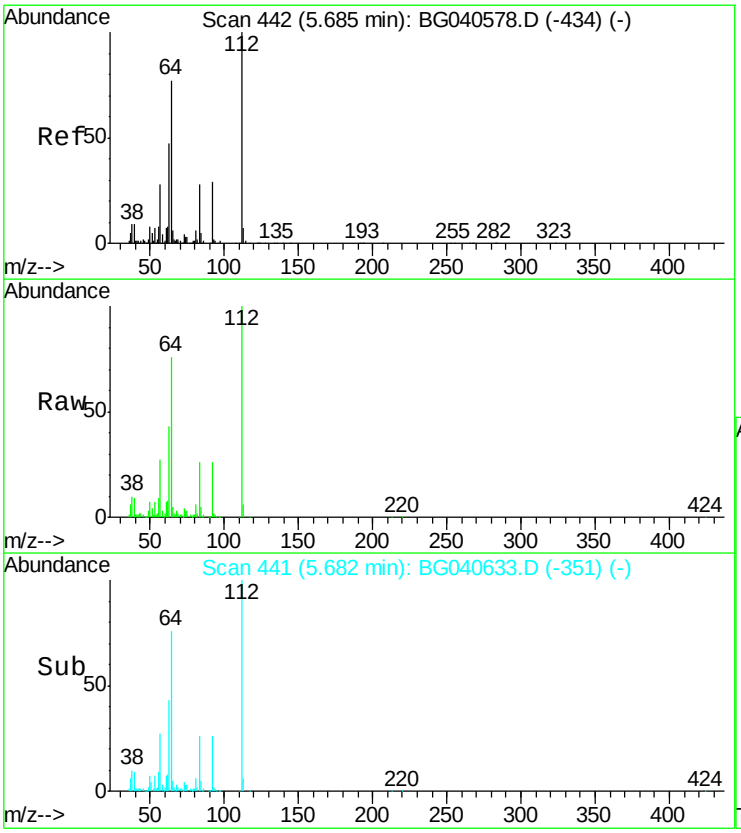
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: BG040633.D
Acq: 26 Apr 2019 17:28

Instrument :
BNA_G
ClientSampleId :
S37-0012

Tgt Ion:152 Resp: 56915

Ion	Ratio	Lower	Upper
152	100		
150	147.8	120.2	180.2
115	61.6	46.2	69.2

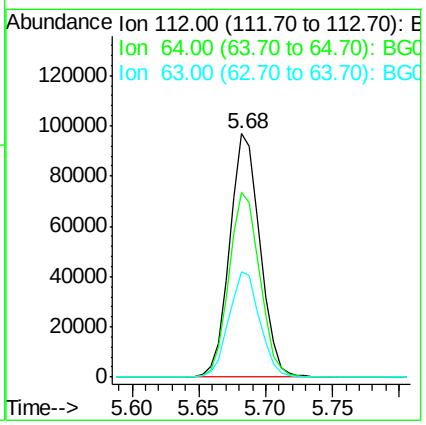


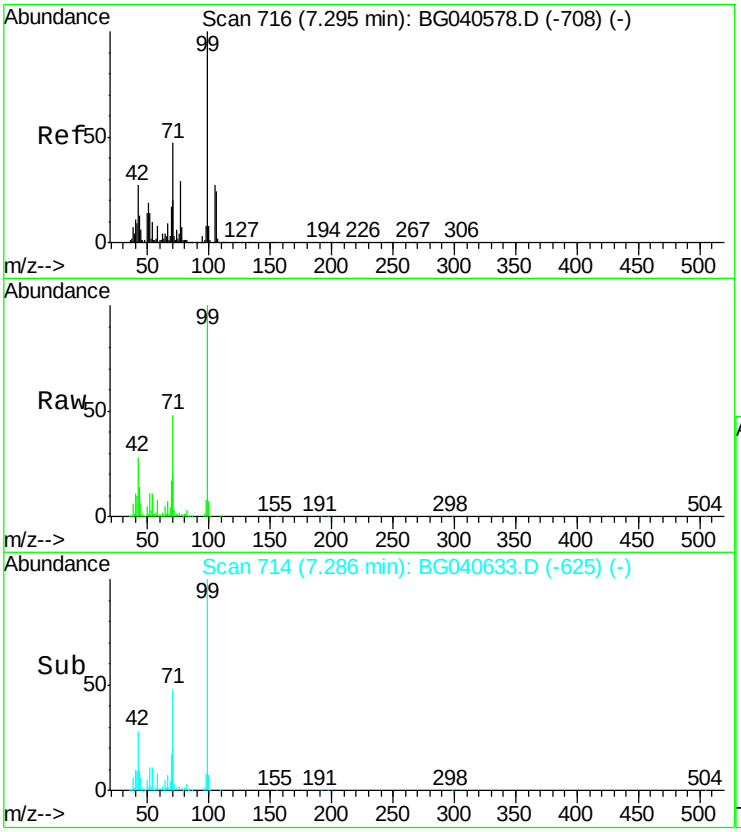


#5
2-Fluorophenol
Concen: 47.534 ng
RT: 5.68 min Scan# 441
Delta R.T. -0.00 min
Lab File: BG040633.D
Acq: 26 Apr 2019 17:28

Tgt Ion:112 Resp: 153475

Ion	Ratio	Lower	Upper
112	100		
64	75.9	61.4	92.0
63	43.3	37.8	56.6



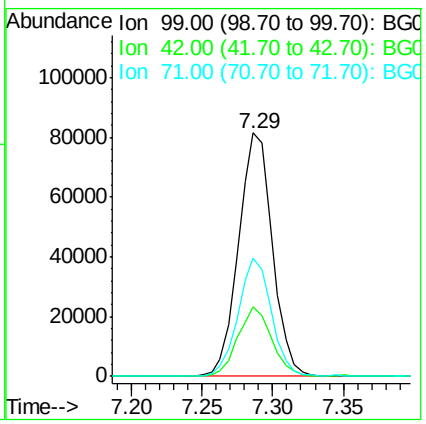


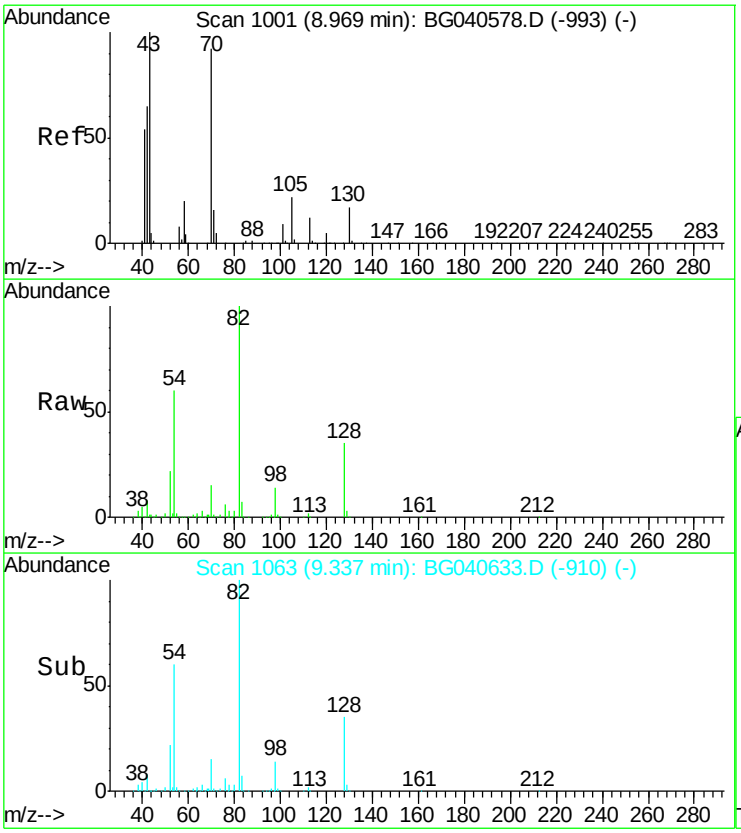
#7
Phenol-d6
Concen: 27.470 ng
RT: 7.29 min Scan# 714
Delta R.T. -0.01 min
Lab File: BG040633.D
Acq: 26 Apr 2019 17:28

Instrument :
BNA_G
ClientSampleId :
S37-0012

Tgt Ion: 99 Resp: 136562

Ion	Ratio	Lower	Upper
99	100		
42	28.3	21.8	32.8
71	48.4	38.6	57.8

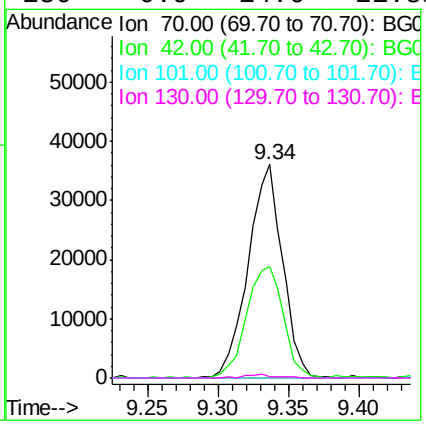


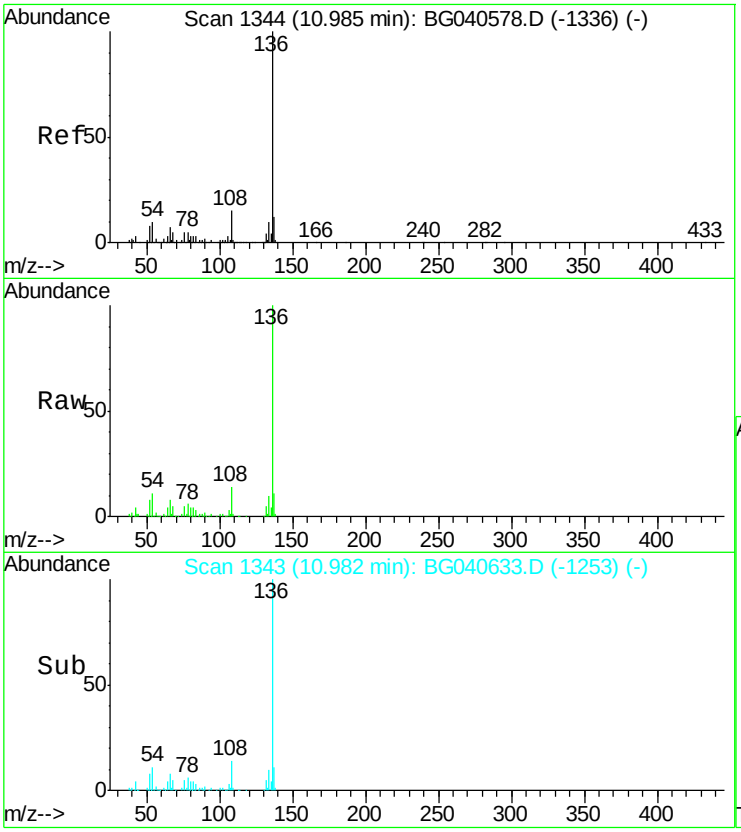


#19
n-Nitroso-di-n-propylamine
Concen: 13.809 ng
RT: 9.34 min Scan# 1063
Delta R.T. 0.37 min
Lab File: BG040633.D
Acq: 26 Apr 2019 17:28

Tgt Ion: 70 Resp: 61797

Ion	Ratio	Lower	Upper
70	100		
42	52.1	57.1	85.7#
101	0.0	7.8	11.8#
130	0.9	14.6	21.8#



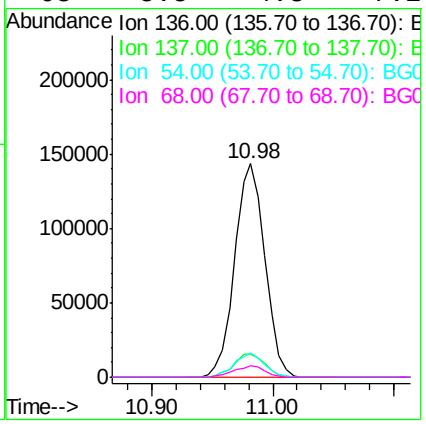


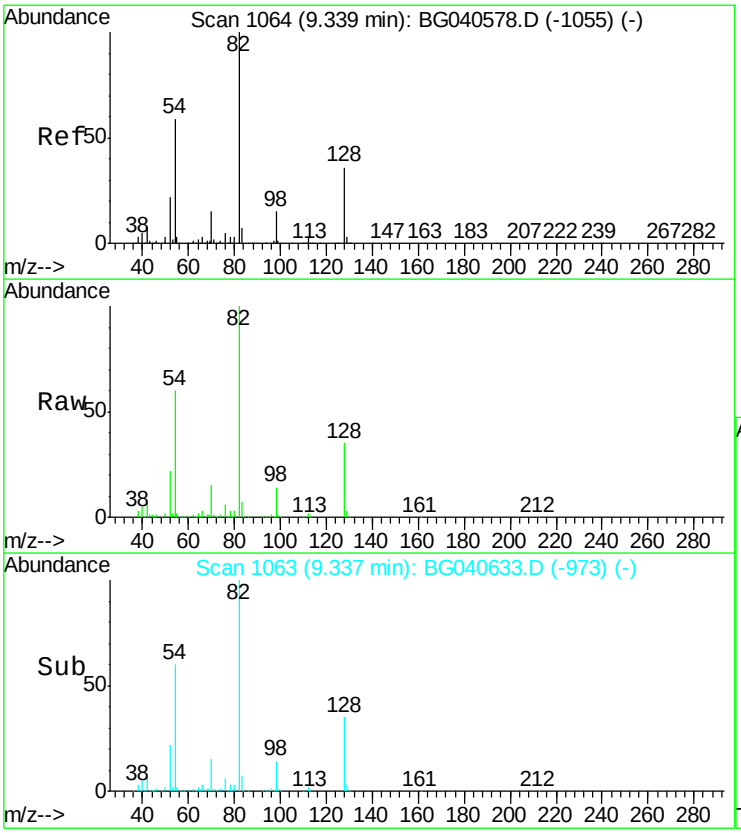
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG040633.D
Acq: 26 Apr 2019 17:28

Instrument :
BNA_G
ClientSampleId :
S37-0012

Tgt Ion:136 Resp: 250043

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.7	14.5
54	11.3	8.6	12.8
68	5.5	4.8	7.2

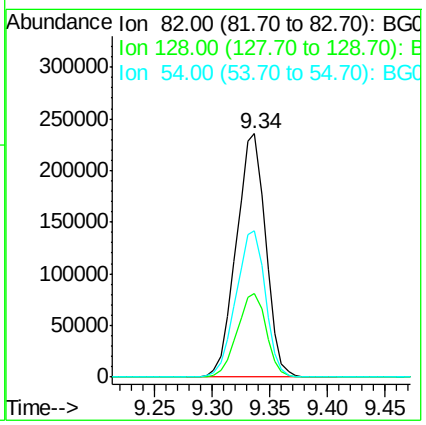


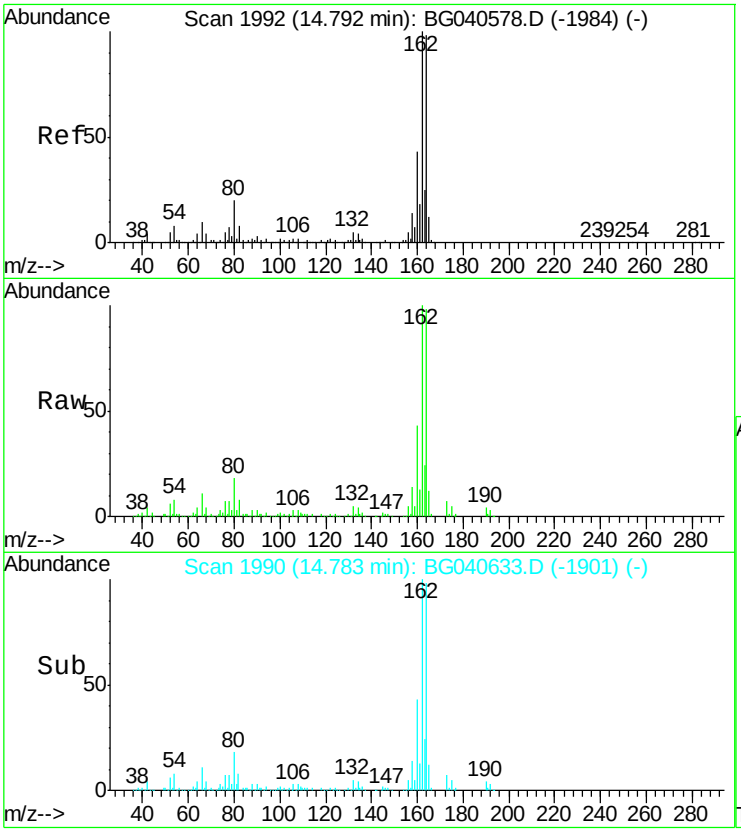


#23
Nitrobenzene-d5
Concen: 76.873 ng
RT: 9.34 min Scan# 1063
Delta R.T. -0.00 min
Lab File: BG040633.D
Acq: 26 Apr 2019 17:28

Tgt Ion: 82 Resp: 415994

Ion	Ratio	Lower	Upper
82	100		
128	34.5	28.9	43.3
54	60.1	47.2	70.8



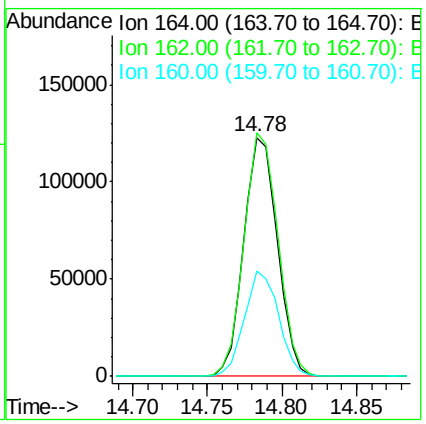


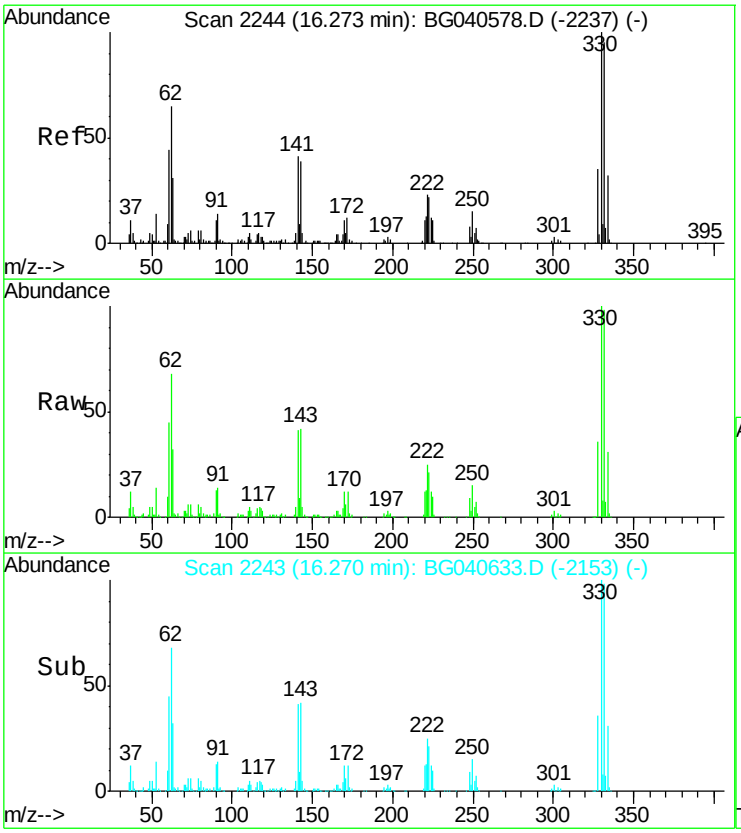
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG040633.D
Acq: 26 Apr 2019 17:28

Instrument :
BNA_G
ClientSampleId :
S37-0012

Tgt Ion:164 Resp: 190337

Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.9	122.9
160	44.2	35.4	53.2

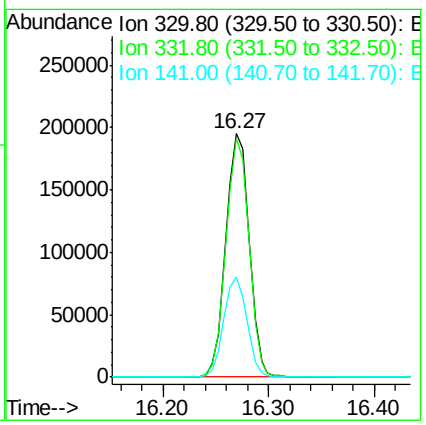


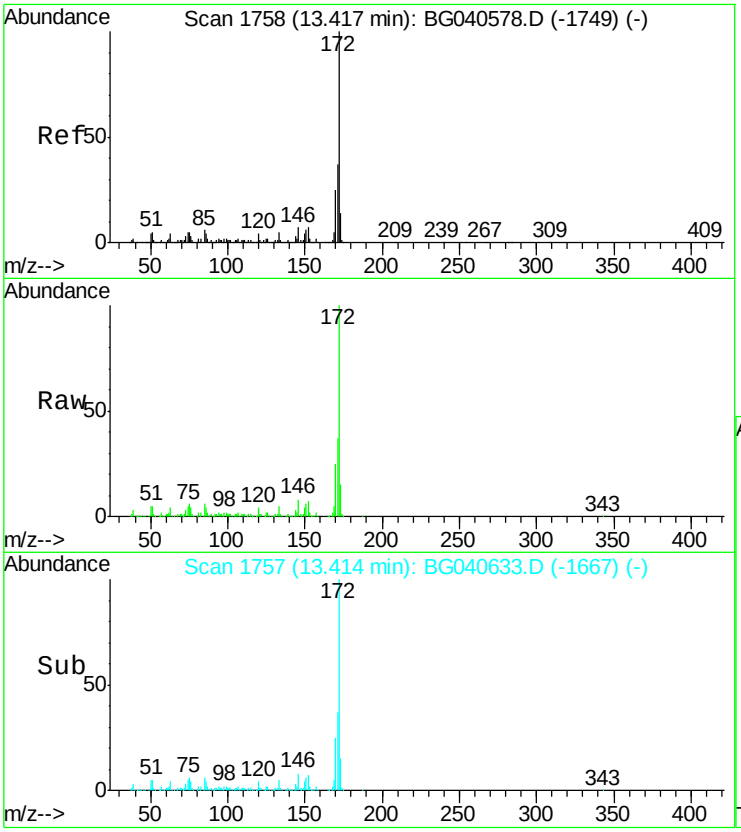


#42
2,4,6-Tribromophenol
Concen: 113.632 ng
RT: 16.27 min Scan# 2243
Delta R.T. -0.00 min
Lab File: BG040633.D
Acq: 26 Apr 2019 17:28

Tgt Ion:330 Resp: 297288

Ion	Ratio	Lower	Upper
330	100		
332	97.1	75.9	113.9
141	40.8	32.4	48.6



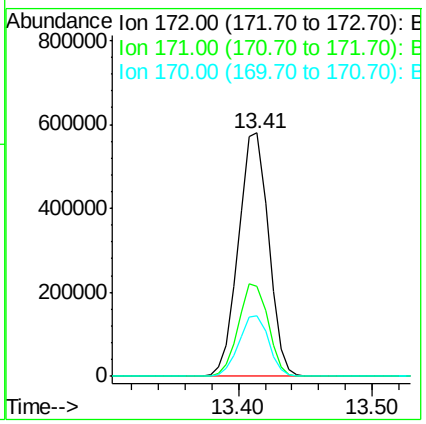


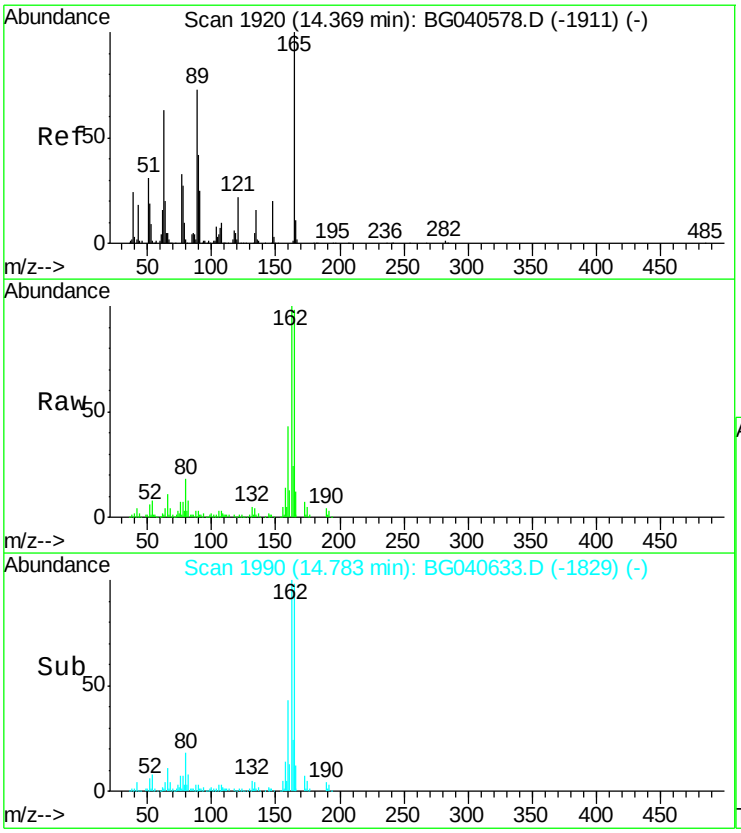
#45
2-Fluorobiphenyl
Concen: 68.434 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.00 min
Lab File: BG040633.D
Acq: 26 Apr 2019 17:28

Instrument :
BNA_G
ClientSampleId :
S37-0012

Tgt Ion:172 Resp: 901915

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.2
170	25.0	19.9	29.9

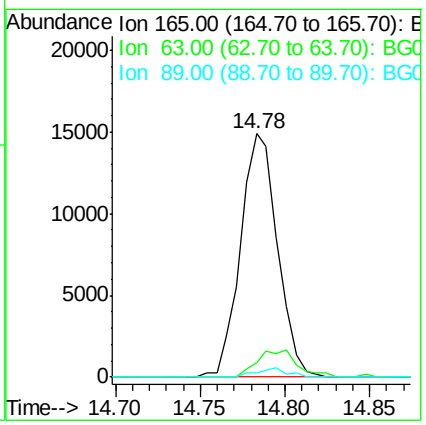


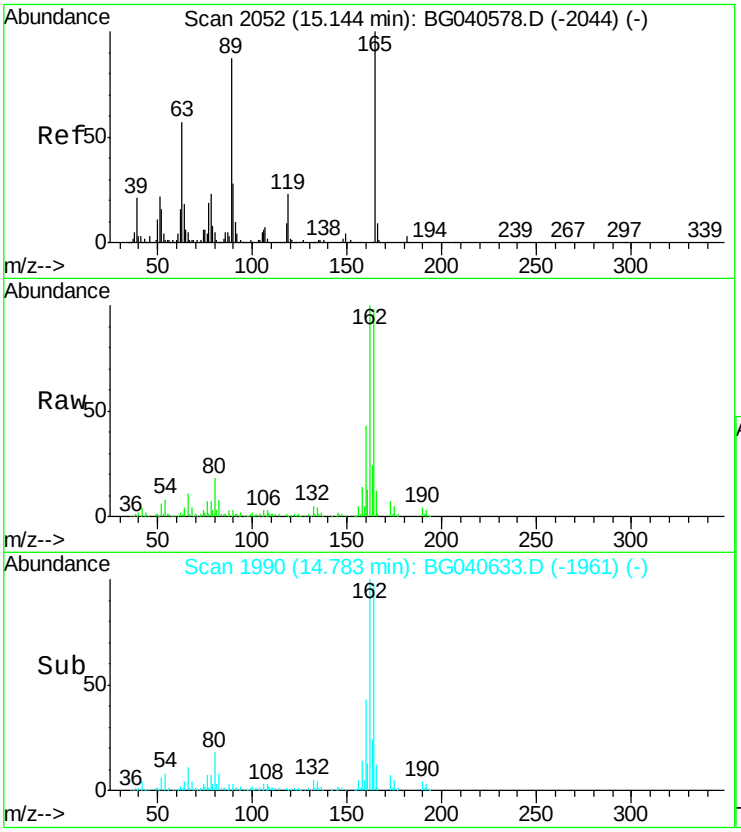


#51
2,6-Dinitrotoluene
Concen: 7.306 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.41 min
Lab File: BG040633.D
Acq: 26 Apr 2019 17:28

Tgt Ion:165 Resp: 22708

Ion	Ratio	Lower	Upper
165	100		
63	5.7	61.0	91.4#
89	1.8	58.6	87.8#



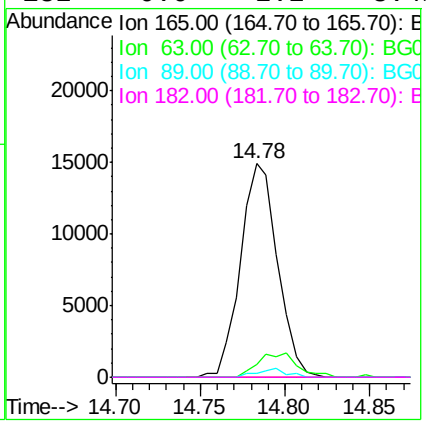


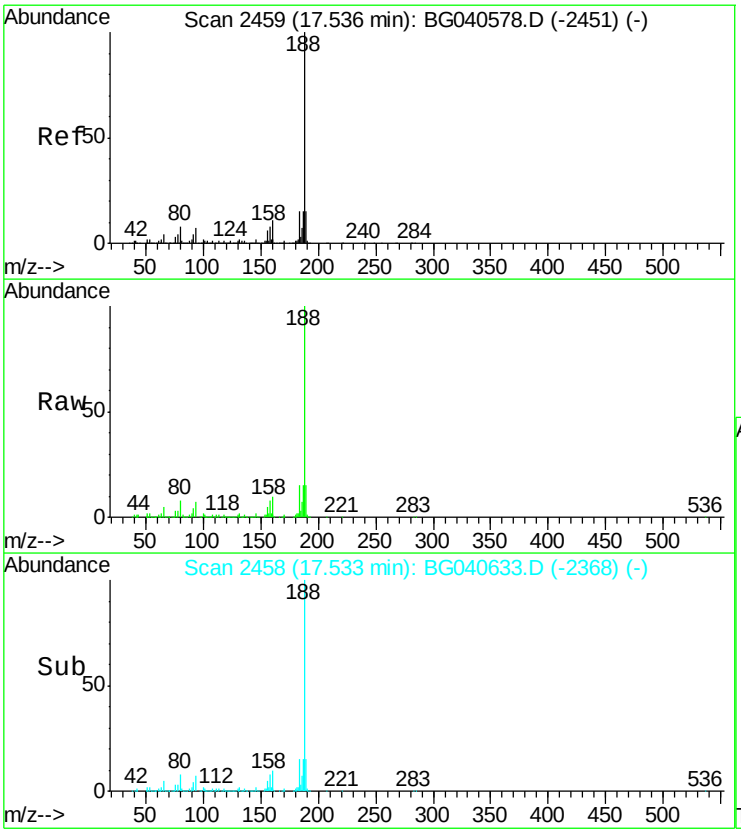
#57
2,4-Dinitrotoluene
Concen: 5.377 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.36 min
Lab File: BG040633.D
Acq: 26 Apr 2019 17:28

Instrument :
BNA_G
ClientSampleId :
S37-0012

Tgt Ion:165 Resp: 22708

Ion	Ratio	Lower	Upper
165	100		
63	5.7	45.8	68.8#
89	1.8	69.4	104.2#
182	0.0	2.2	3.4#

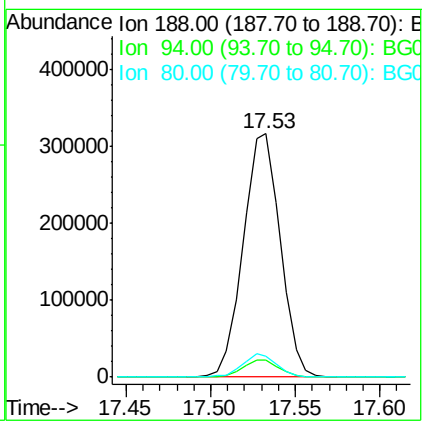


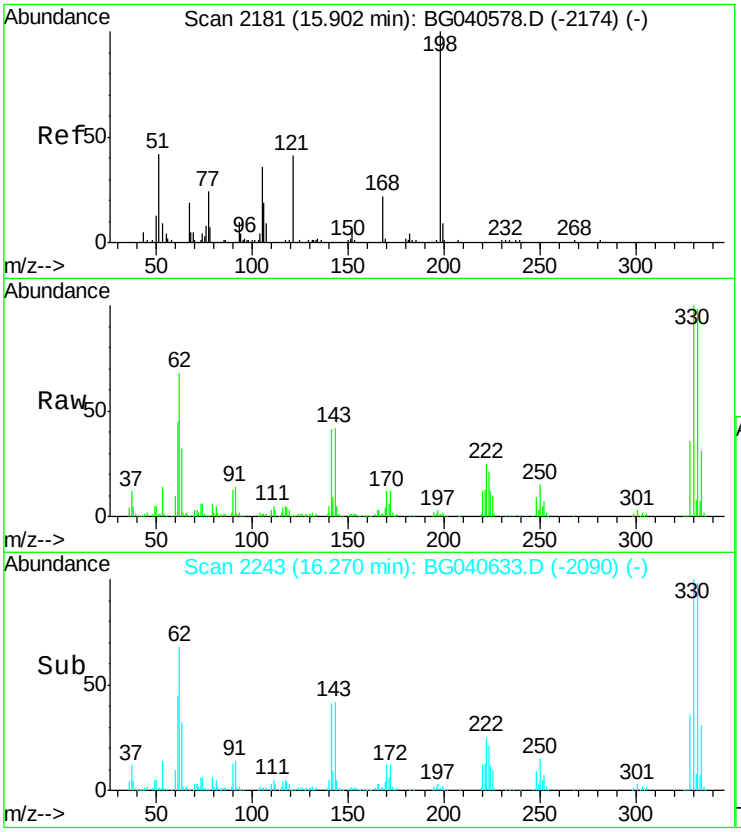


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.00 min
Lab File: BG040633.D
Acq: 26 Apr 2019 17:28

Tgt Ion:188 Resp: 482528

Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.6	8.4
80	8.4	6.4	9.6



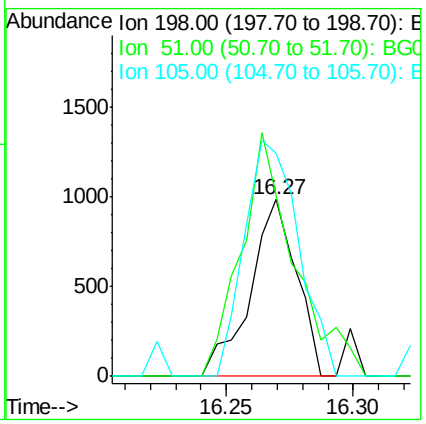


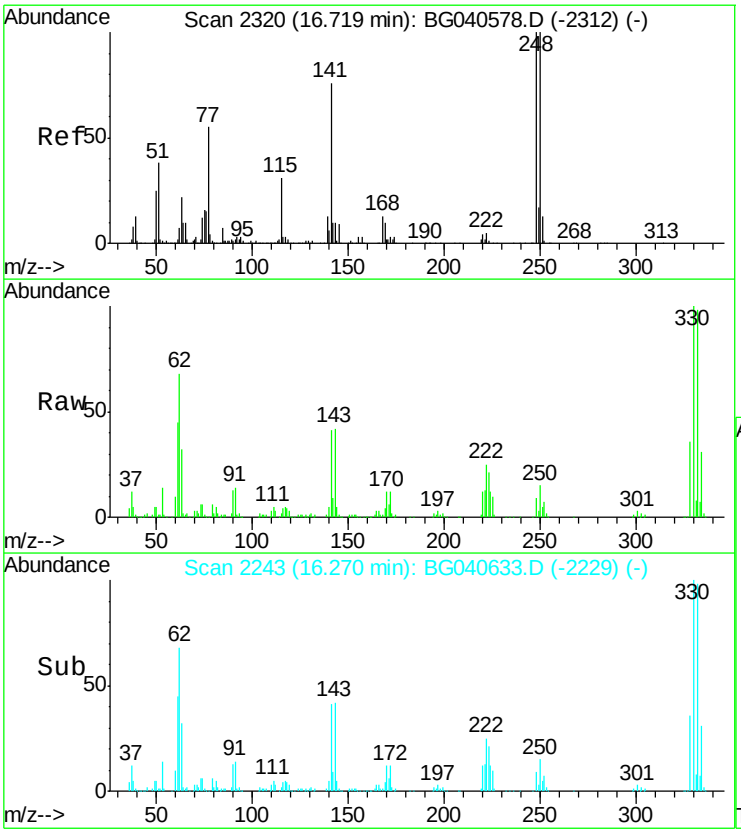
#65
4,6-Dinitro-2-methylphenol
Concen: 7.553 ng
RT: 16.27 min Scan# 2243
Delta R.T. 0.37 min
Lab File: BG040633.D
Acq: 26 Apr 2019 17:28

Instrument :
BNA_G
ClientSampleId :
S37-0012

Tgt Ion:198 Resp: 1262

Ion	Ratio	Lower	Upper
198	100		
51	102.3	35.9	75.9#
105	126.1	21.2	61.2#

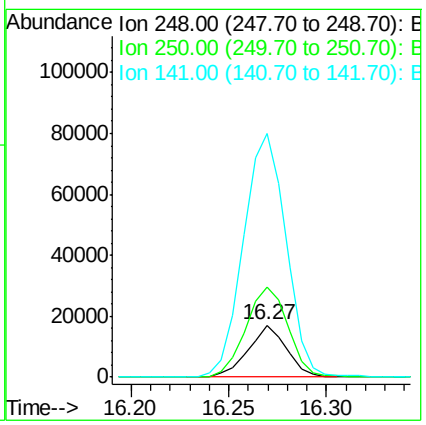


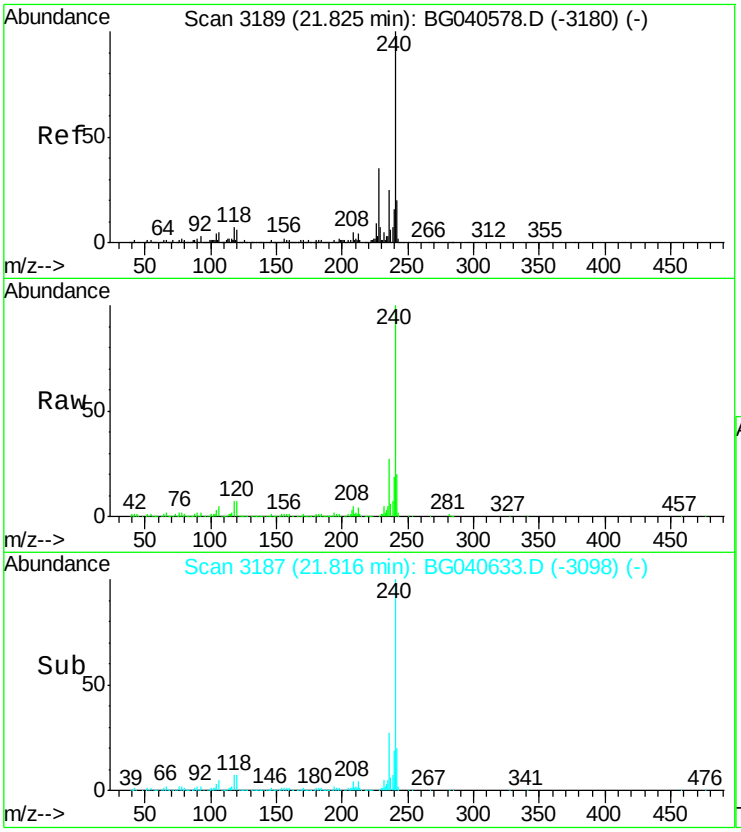


#67
4-Bromophenyl-phenylether
Concen: 3.819 ng
RT: 16.27 min Scan# 2243
Delta R.T. -0.45 min
Lab File: BG040633.D
Acq: 26 Apr 2019 17:28

Tgt Ion:248 Resp: 22959

Ion	Ratio	Lower	Upper
248	100		
250	173.8	79.8	119.6#
141	467.0	60.8	91.2#



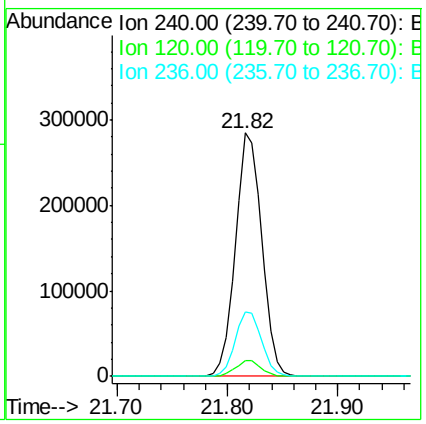


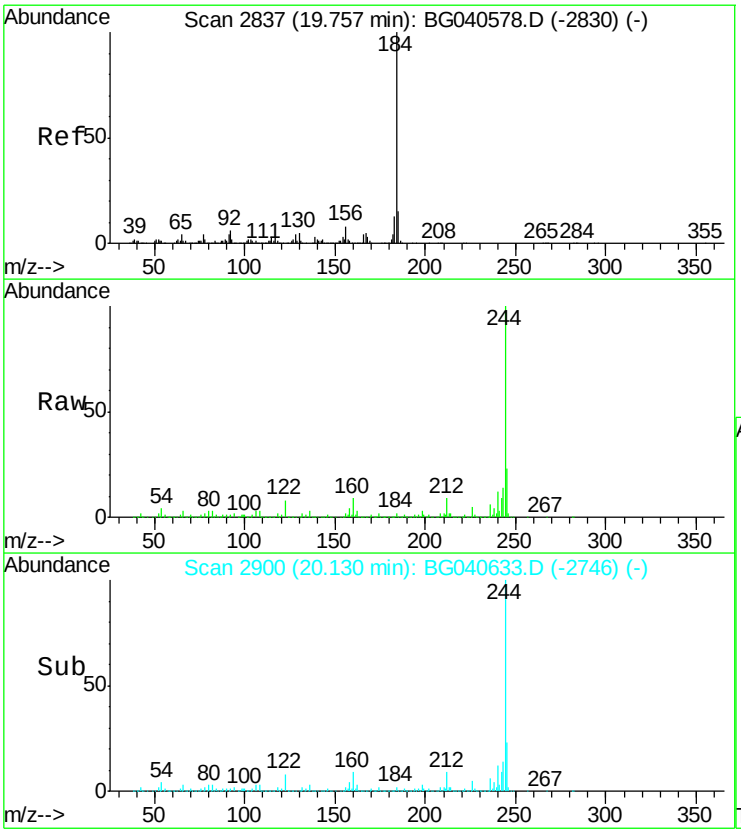
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3187
Delta R.T. -0.01 min
Lab File: BG040633.D
Acq: 26 Apr 2019 17:28

Instrument :
BNA_G
ClientSampleId :
S37-0012

Tgt Ion:240 Resp: 478222

Ion	Ratio	Lower	Upper
240	100		
120	6.7	5.0	7.6
236	26.6	20.3	30.5

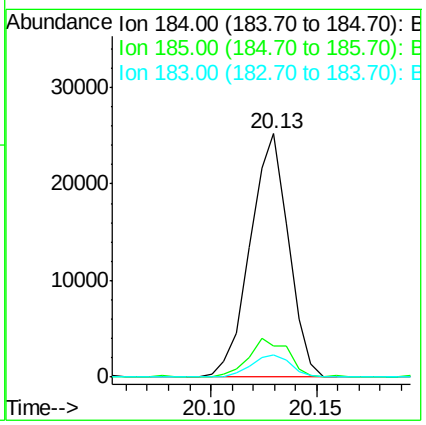


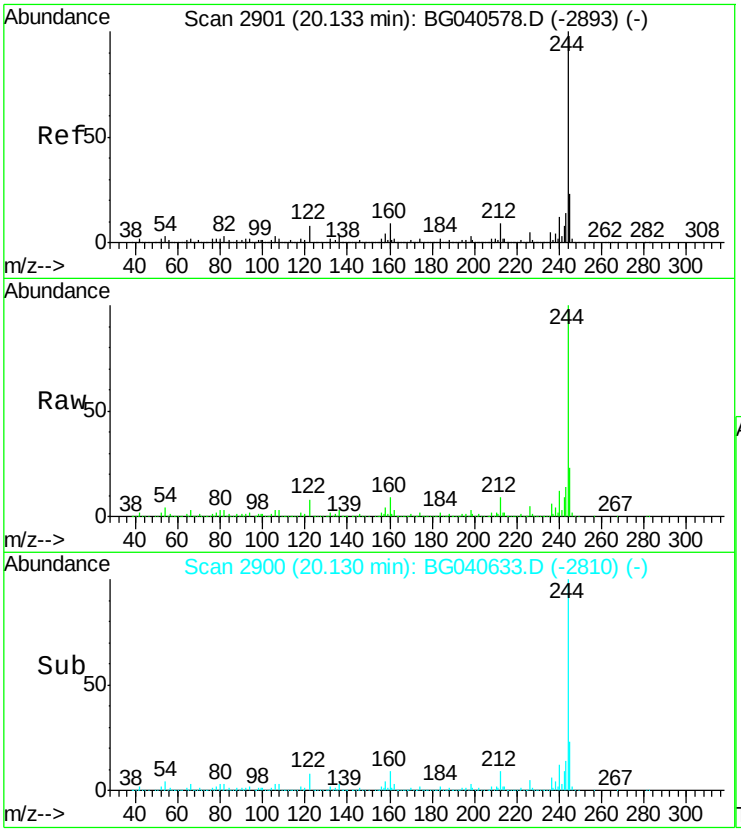


#77
Benzidine
Concen: 2.425 ng
RT: 20.13 min Scan# 2900
Delta R.T. 0.37 min
Lab File: BG040633.D
Acq: 26 Apr 2019 17:28

Tgt Ion:184 Resp: 31752

Ion	Ratio	Lower	Upper
184	100		
185	13.0	11.8	17.8
183	9.2	10.2	15.2#



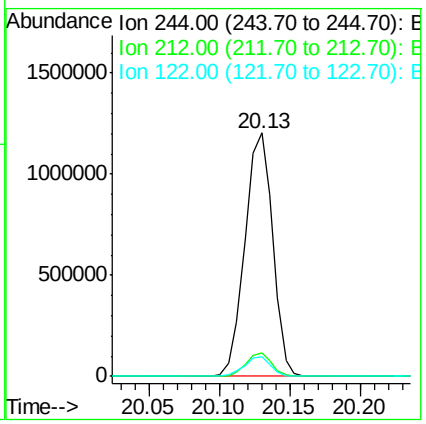


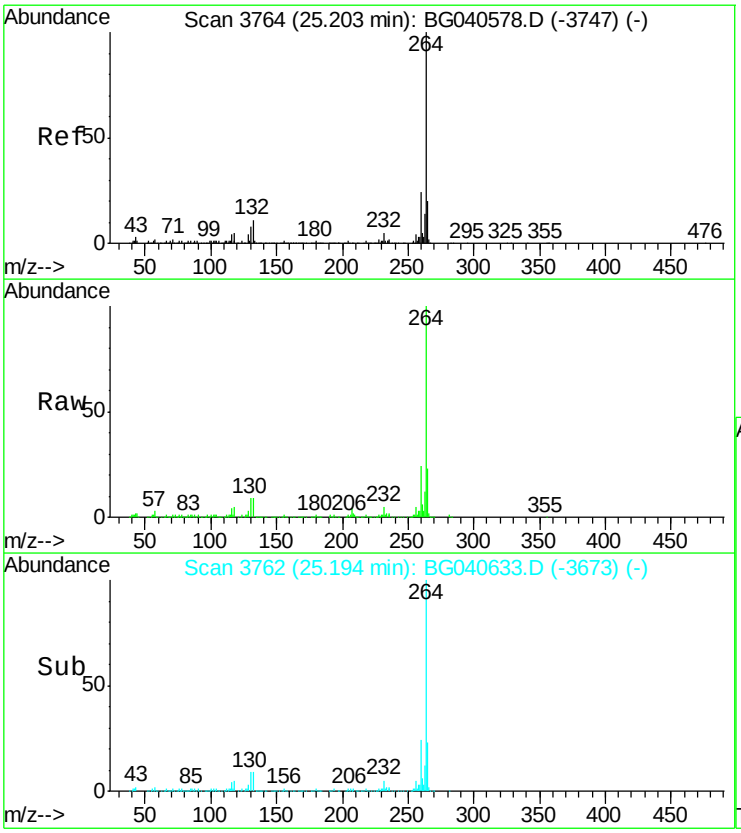
#79
Terphenyl-d14
Concen: 77.110 ng
RT: 20.13 min Scan# 2900
Delta R.T. -0.00 min
Lab File: BG040633.D
Acq: 26 Apr 2019 17:28

Instrument :
BNA_G
ClientSampleId :
S37-0012

Tgt Ion:244 Resp: 1664491

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.2	10.8
122	8.0	6.6	10.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.19 min Scan# 3762
Delta R.T. -0.01 min
Lab File: BG040633.D
Acq: 26 Apr 2019 17:28

Tgt Ion:264 Resp: 501157

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.9	16.6	25.0