Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050819\
Data File : BG040814.D
Acq On : 9 May 2019 9:36
Operator : HP/JU
Sample : K2643-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: May 09 11:26:55 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	8.14	152	47346	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	177510	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	133369	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	370482	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	336400	20.00	ng	-0.03
87) Perylene-d12	25.15	264	178433	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	392632	146.18	ng	0.00
7) Phenol-d6	7.28	99	529014	127.92	ng	-0.02
23) Nitrobenzene-d5	9.32	82	454683	118.36	ng	-0.02
42) 2,4,6-Tribromophenol	16.25	330	262475	143.18	ng	-0.02
45) 2-Fluorobiphenyl	13.40	172	1011766	109.56	ng	-0.02
79) Terphenyl-d14	20.11	244	1983725	130.64	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	7.28	77	2396	Below Cal	#	69
19) n-Nitroso-di-n-propylamine	9.32	70	65043	17.472	ng	# 76
51) 2,6-Dinitrotoluene	14.77	165	16962	7.788	ng	# 13
54) 2,4-Dinitrophenol	15.09	184	64	7.062	ng	# 21
57) 2,4-Dinitrotoluene	14.77	165	16962	5.732	ng	# 15
65) 4,6-Dinitro-2-methylphenol	16.25	198	890	7.517	ng	# 67
67) 4-Bromophenyl-phenylether	16.26	248	18979	4.112	ng	# 1
77) Benzidine	20.11	184	36821	3.998	ng	# 96

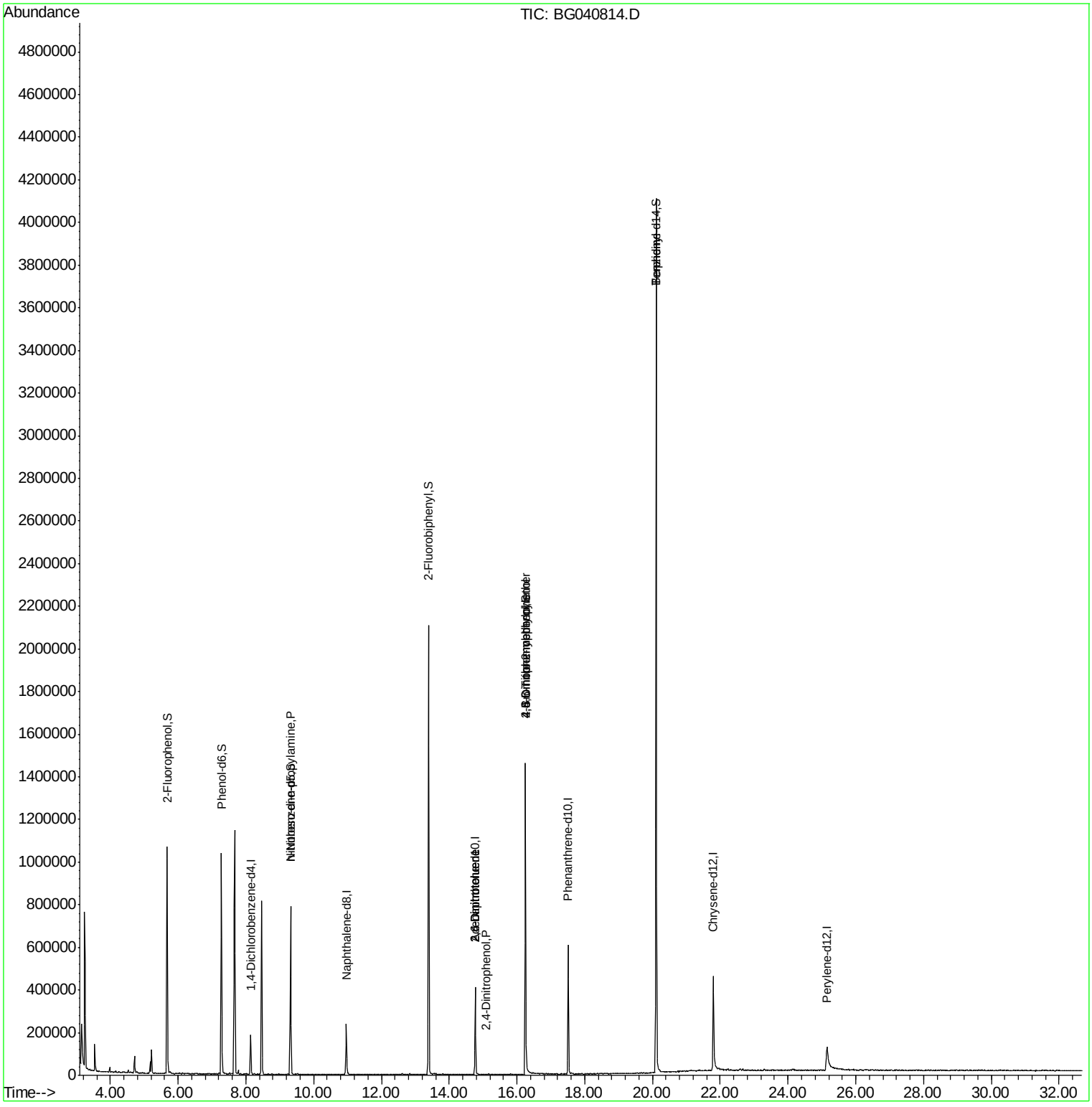
(#) = qualifier out of range (m) = manual integration (+) = signals summed

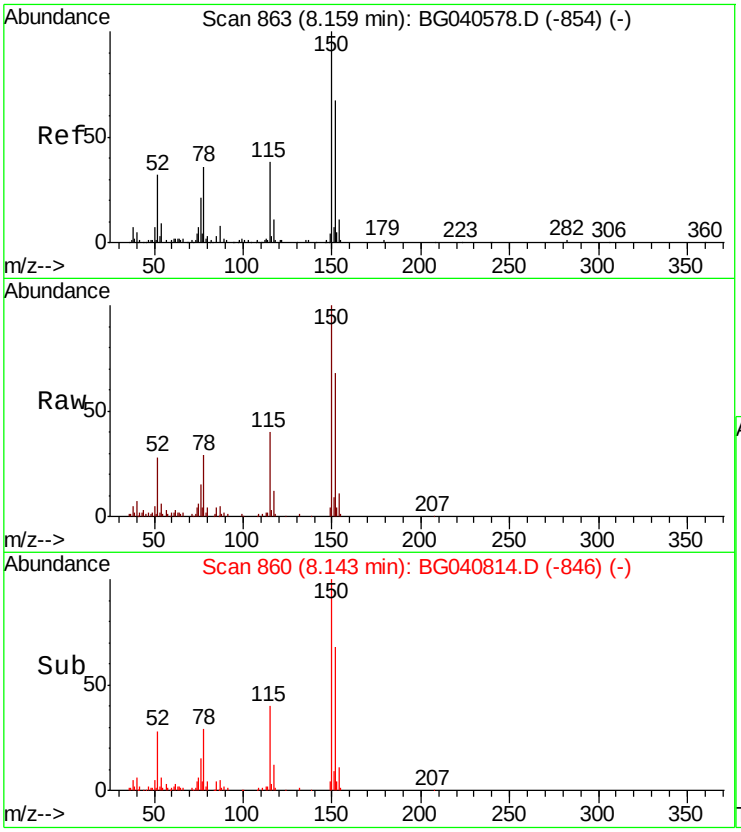
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050819\
Data File : BG040814.D
Acq On : 9 May 2019 9:36
Operator : HP/JU
Sample : K2643-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: May 09 11:26:55 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



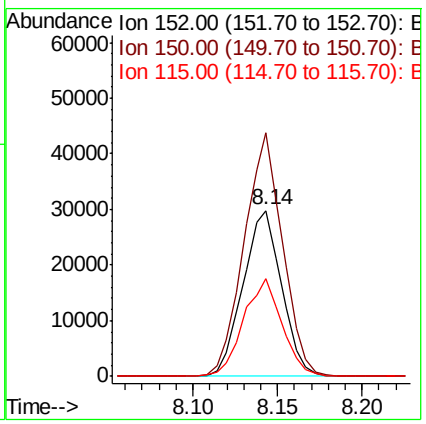


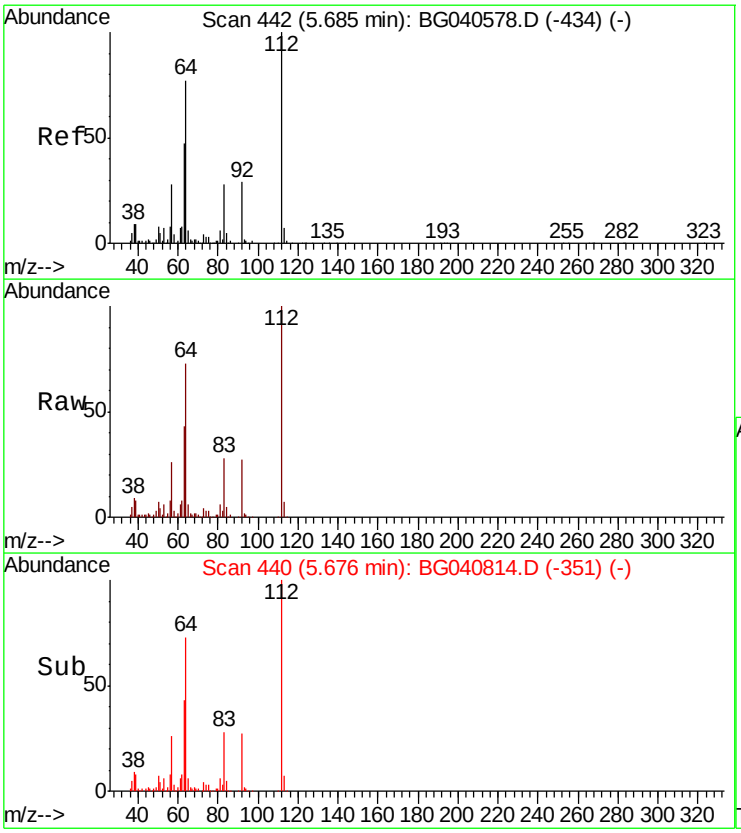
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.02 min
Lab File: BG040814.D
Acq: 9 May 2019 9:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 47346

Ion	Ratio	Lower	Upper
152	100		
150	146.8	120.2	180.2
115	58.9	46.2	69.2

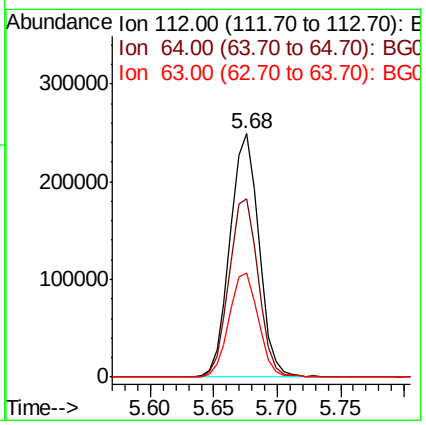


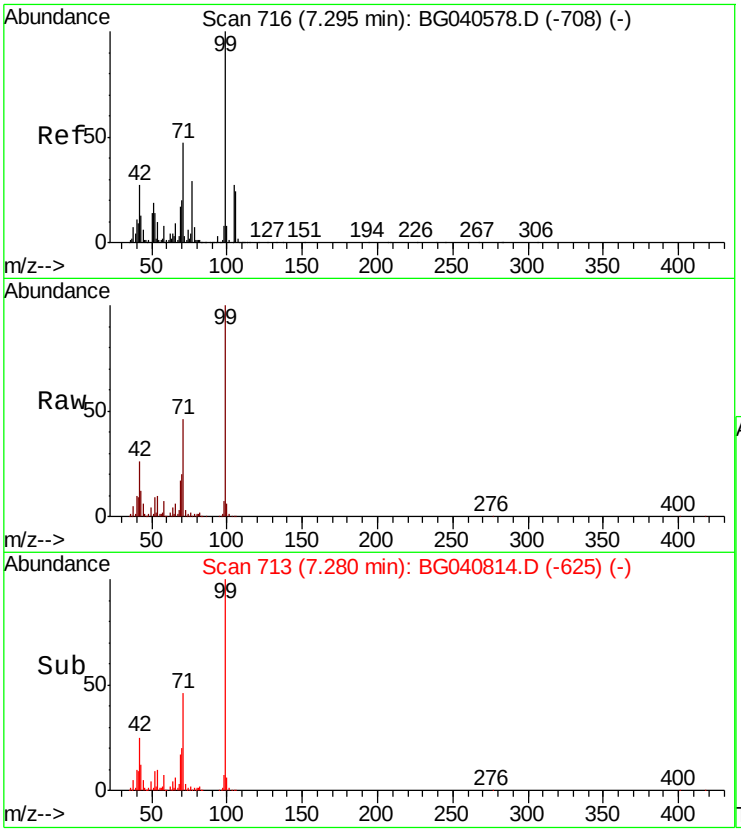


#5
2-Fluorophenol
Concen: 146.183 ng
RT: 5.68 min Scan# 440
Delta R.T. -0.01 min
Lab File: BG040814.D
Acq: 9 May 2019 9:36

Tgt Ion:112 Resp: 392632

Ion	Ratio	Lower	Upper
112	100		
64	73.4	61.4	92.0
63	42.9	37.8	56.6



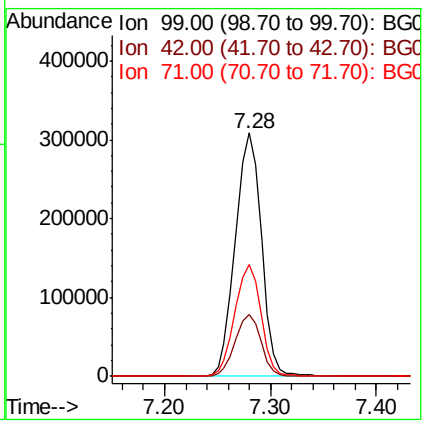


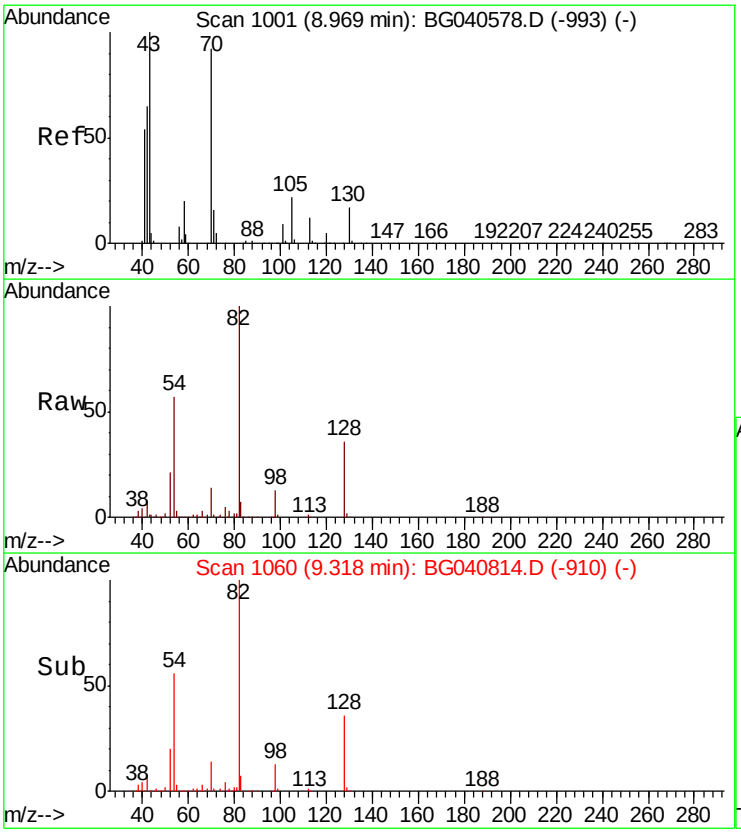
#7
Phenol-d6
Concen: 127.920 ng
RT: 7.28 min Scan# 713
Delta R.T. -0.02 min
Lab File: BG040814.D
Acq: 9 May 2019 9:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 529014

Ion	Ratio	Lower	Upper
99	100		
42	25.6	21.8	32.8
71	46.2	38.6	57.8

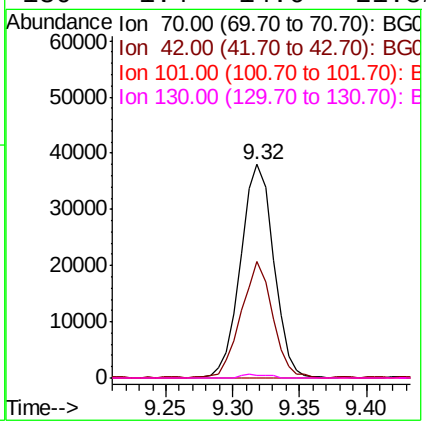


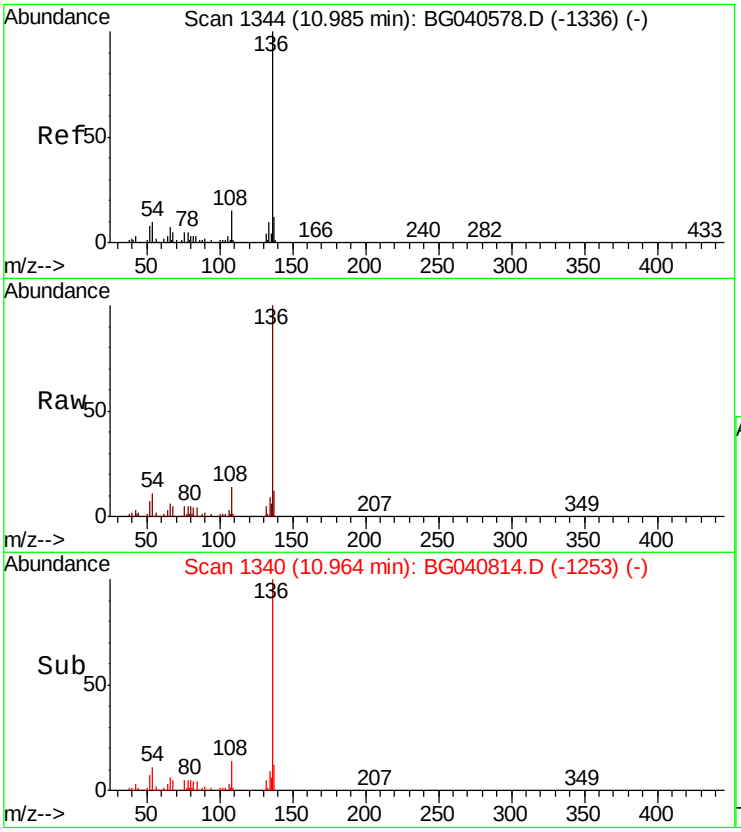


#19
n-Nitroso-di-n-propylamine
Concen: 17.472 ng
RT: 9.32 min Scan# 1060
Delta R.T. 0.35 min
Lab File: BG040814.D
Acq: 9 May 2019 9:36

Tgt Ion: 70 Resp: 65043

Ion	Ratio	Lower	Upper
70	100		
42	54.8	57.1	85.7#
101	0.0	7.8	11.8#
130	1.4	14.6	21.8#



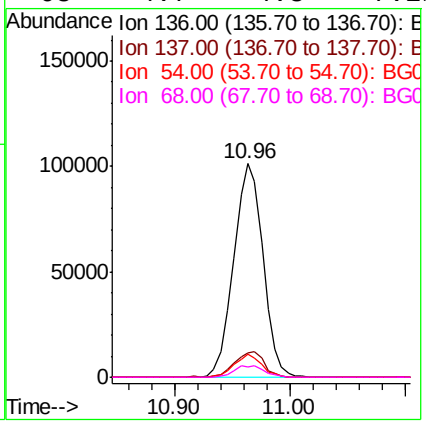


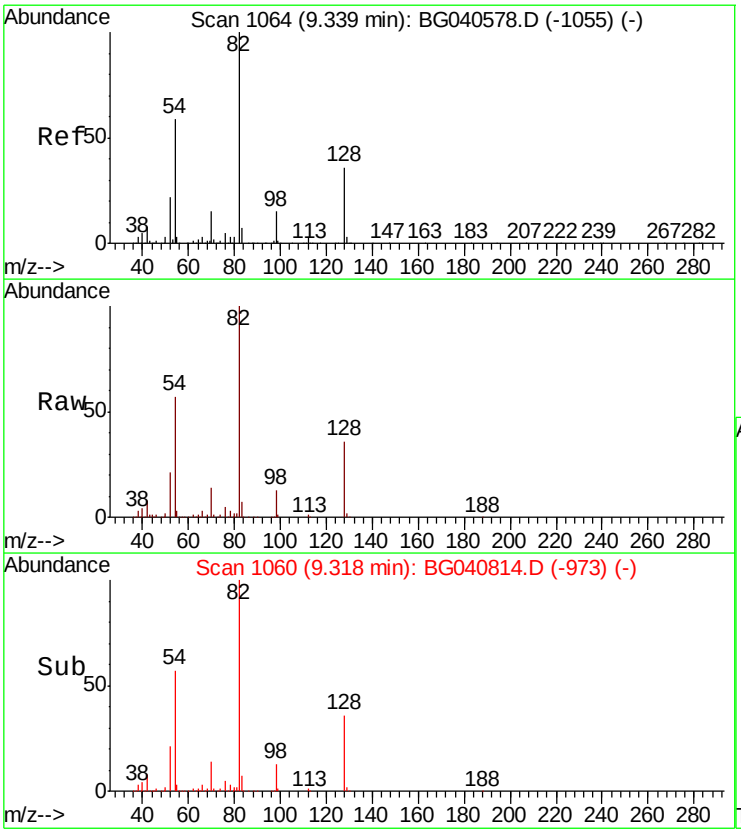
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BG040814.D
Acq: 9 May 2019 9:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 177510

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.7	14.5
54	11.4	8.6	12.8
68	4.7	4.8	7.2#

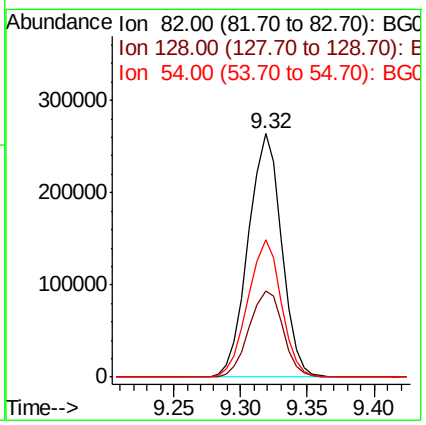


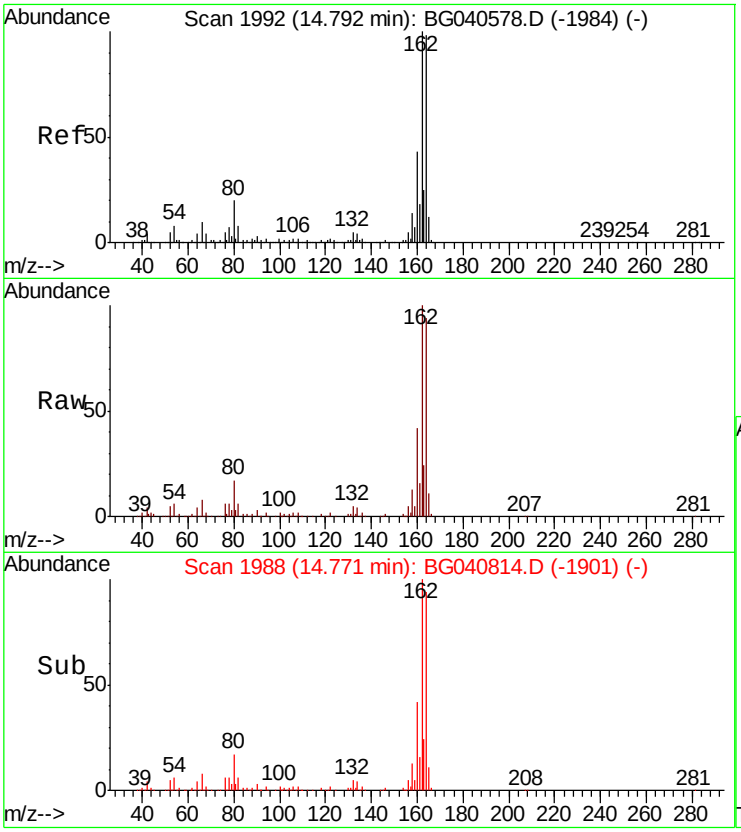


#23
Nitrobenzene-d5
Concen: 118.355 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.02 min
Lab File: BG040814.D
Acq: 9 May 2019 9:36

Tgt Ion: 82 Resp: 454683

Ion	Ratio	Lower	Upper
82	100		
128	35.6	28.9	43.3
54	56.6	47.2	70.8



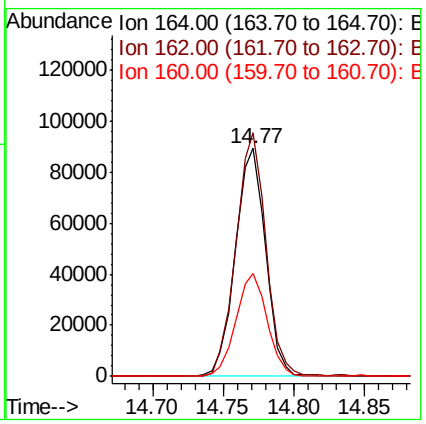


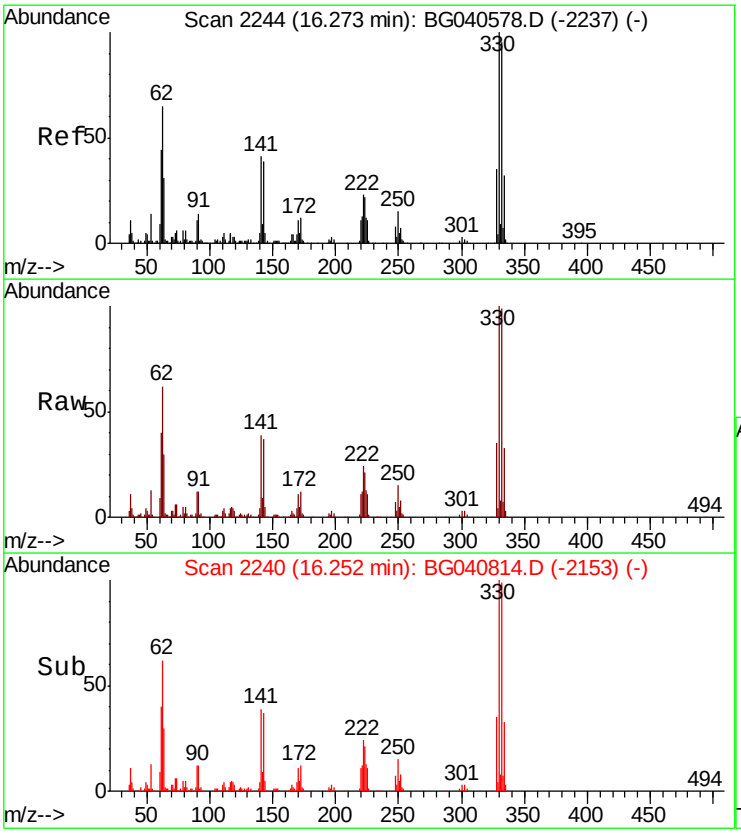
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040814.D
Acq: 9 May 2019 9:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 133369

Ion	Ratio	Lower	Upper
164	100		
162	106.8	81.9	122.9
160	45.3	35.4	53.2

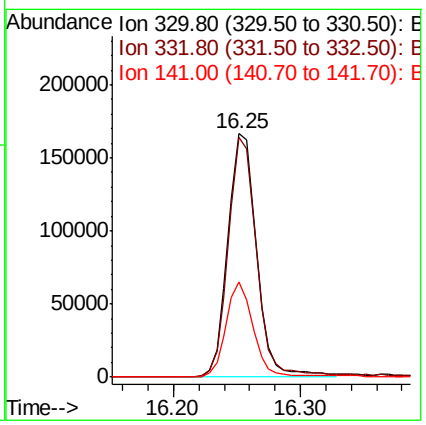


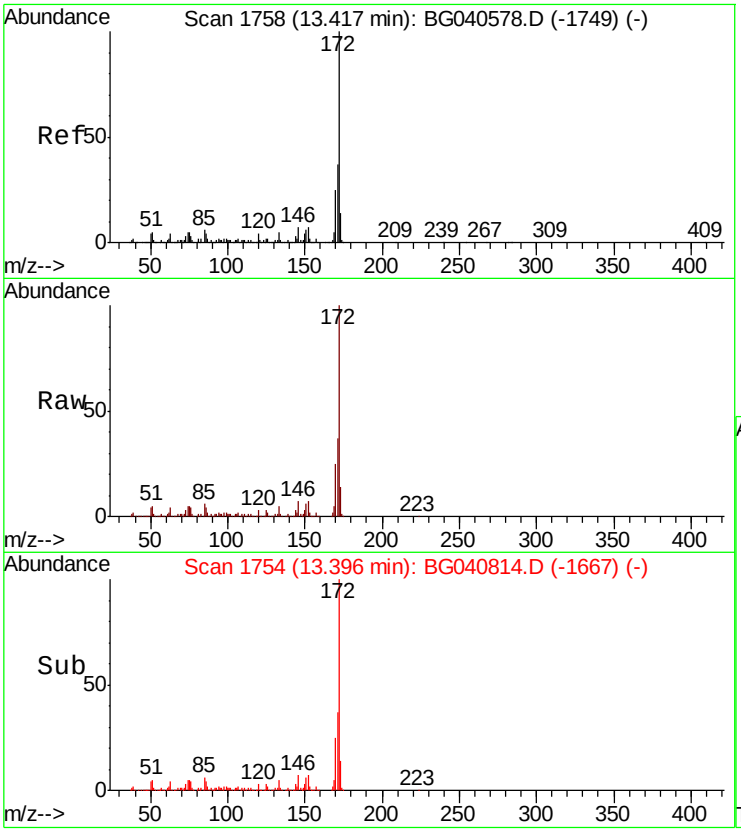


#42
2,4,6-Tribromophenol
Concen: 143.180 ng
RT: 16.25 min Scan# 2240
Delta R.T. -0.02 min
Lab File: BG040814.D
Acq: 9 May 2019 9:36

Tgt Ion:330 Resp: 262475

Ion	Ratio	Lower	Upper
330	100		
332	98.2	75.9	113.9
141	37.1	32.4	48.6



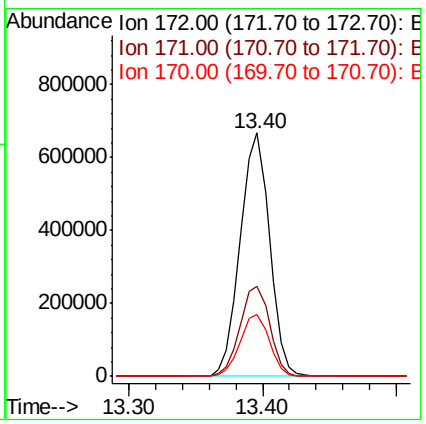


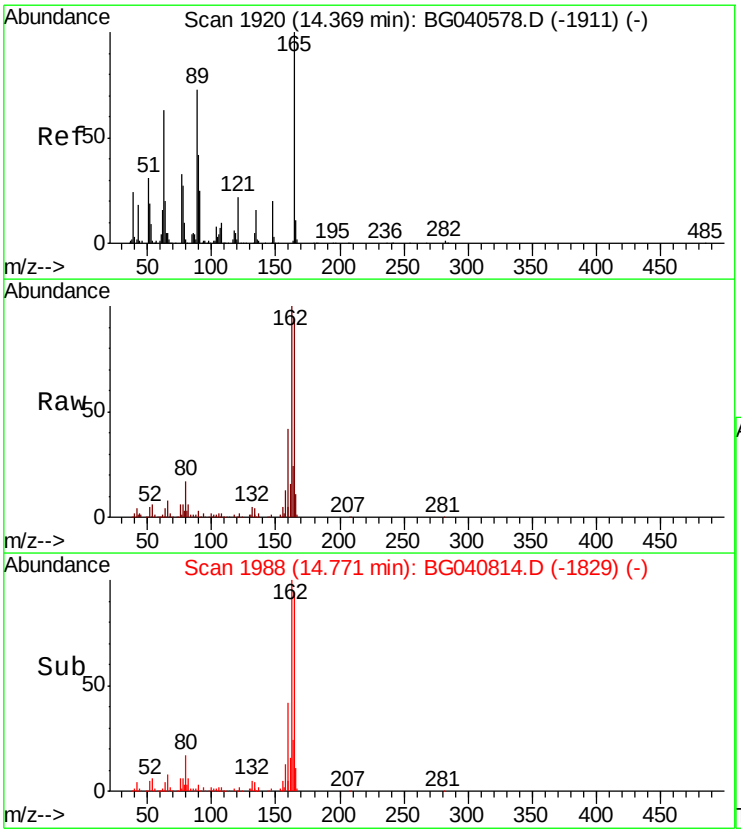
#45
2-Fluorobiphenyl
Concen: 109.560 ng
RT: 13.40 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG040814.D
Acq: 9 May 2019 9:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1011766

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.2
170	25.4	19.9	29.9

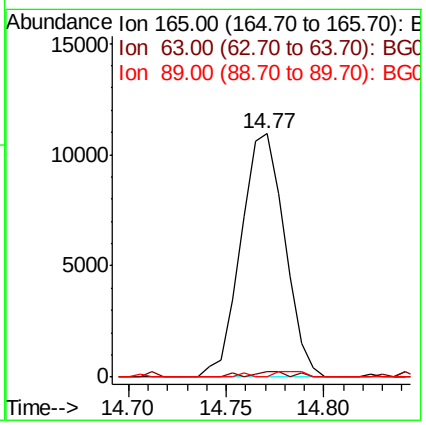


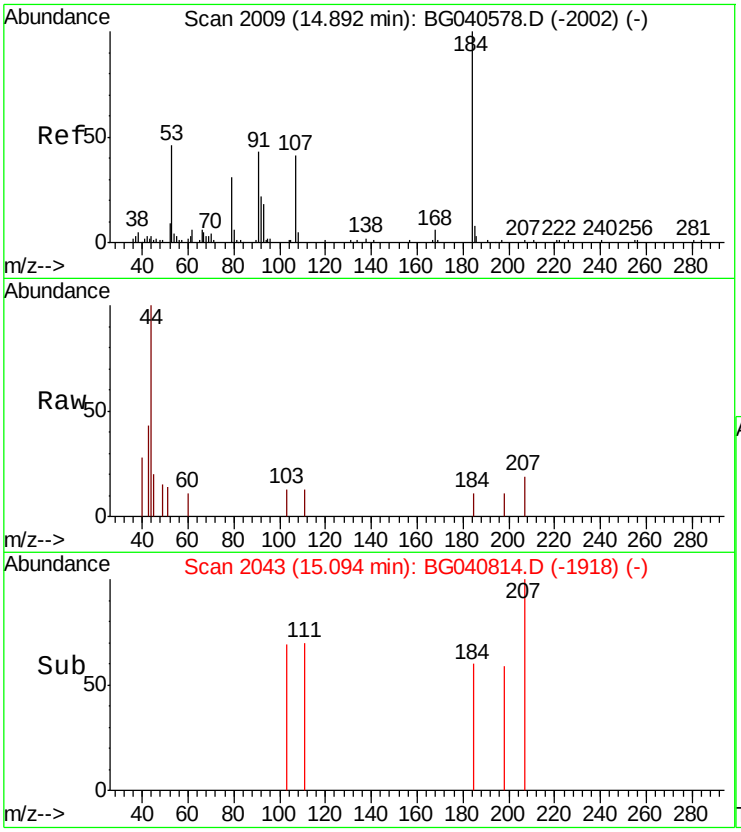


#51
2,6-Dinitrotoluene
Concen: 7.788 ng
RT: 14.77 min Scan# 1988
Delta R.T. 0.40 min
Lab File: BG040814.D
Acq: 9 May 2019 9:36

Tgt Ion:165 Resp: 16962

Ion	Ratio	Lower	Upper
165	100		
63	2.4	61.0	91.4#
89	0.0	58.6	87.8#



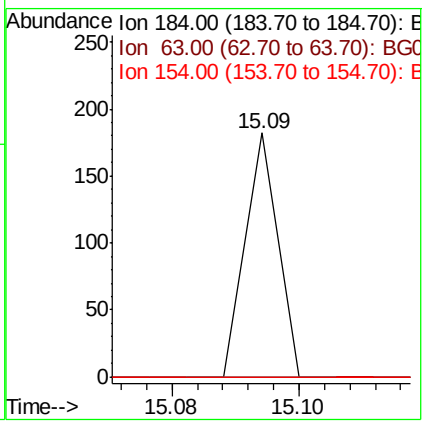


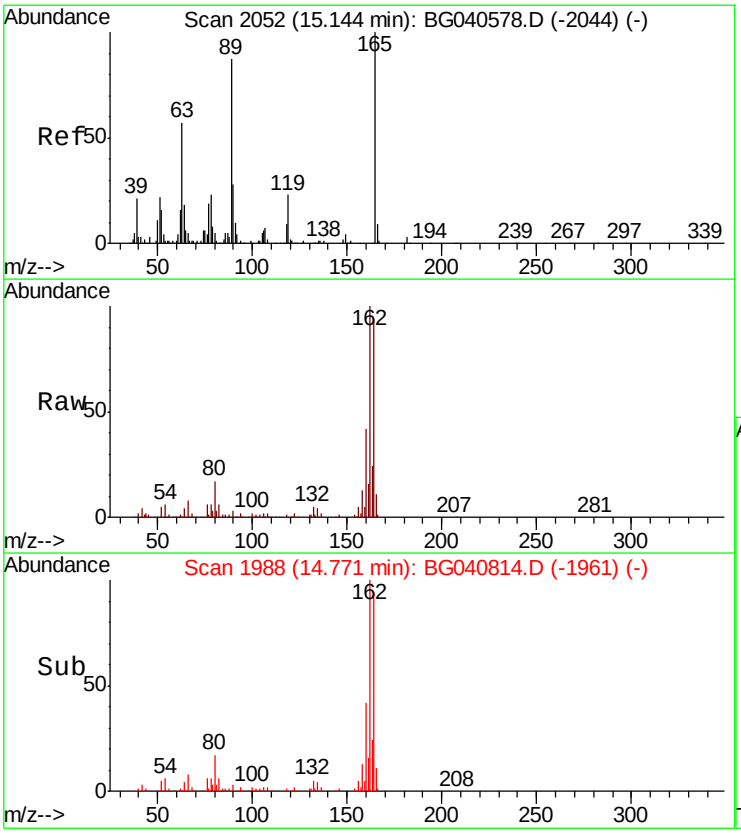
#54
2,4-Dinitrophenol
Concen: 7.062 ng
RT: 15.09 min Scan# 2043
Delta R.T. 0.20 min
Lab File: BG040814.D
Acq: 9 May 2019 9:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 64

Ion	Ratio	Lower	Upper
184	100		
63	0.0	51.8	77.6#
154	0.0	43.6	65.4#

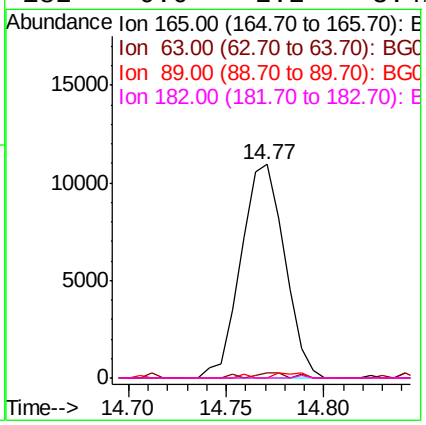


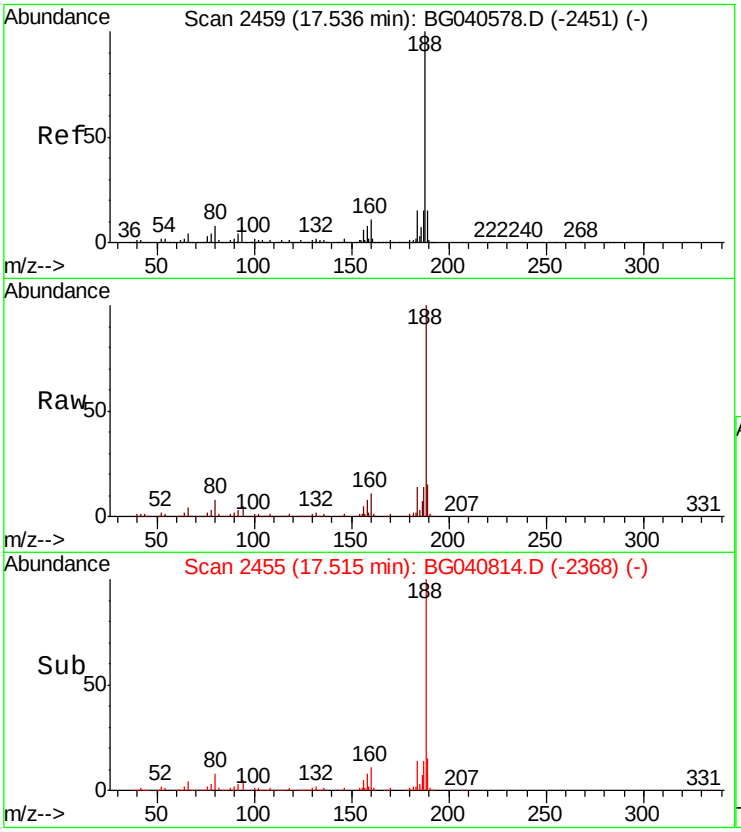


#57
2,4-Dinitrotoluene
Concen: 5.732 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.37 min
Lab File: BG040814.D
Acq: 9 May 2019 9:36

Tgt Ion:165 Resp: 16962

Ion	Ratio	Lower	Upper
165	100		
63	2.4	45.8	68.8#
89	0.0	69.4	104.2#
182	0.0	2.2	3.4#



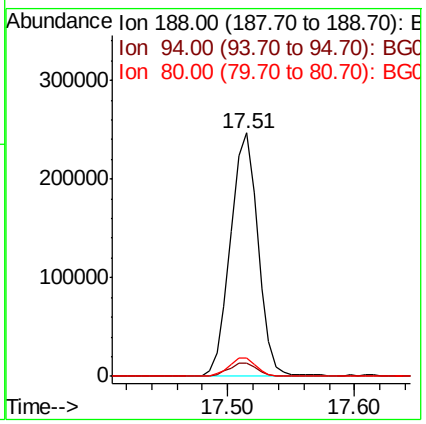


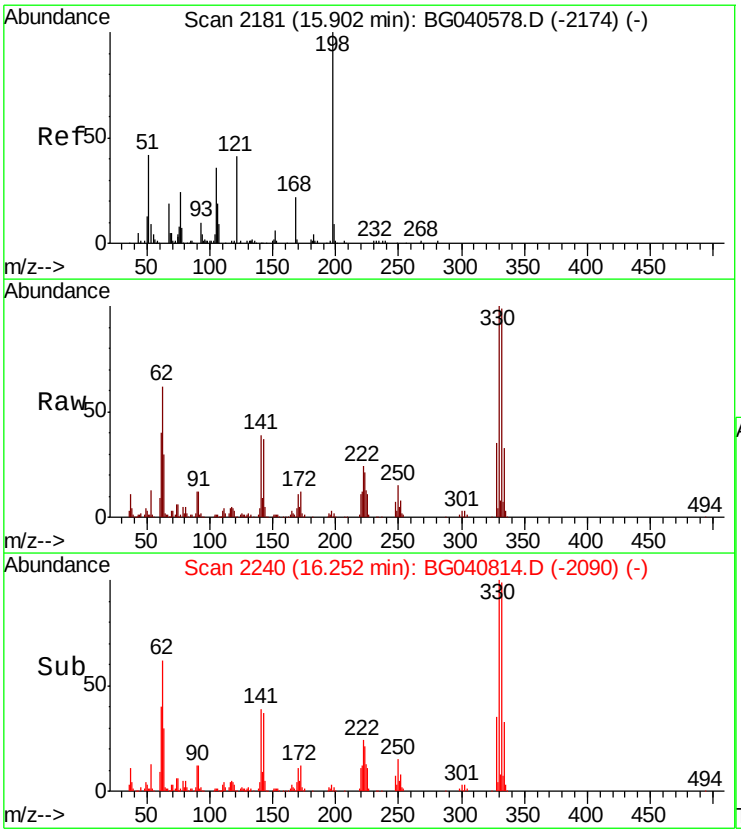
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040814.D
Acq: 9 May 2019 9:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 370482

Ion	Ratio	Lower	Upper
188	100		
94	5.3	5.6	8.4#
80	7.5	6.4	9.6

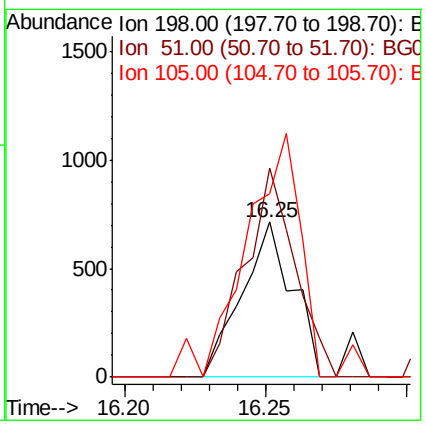


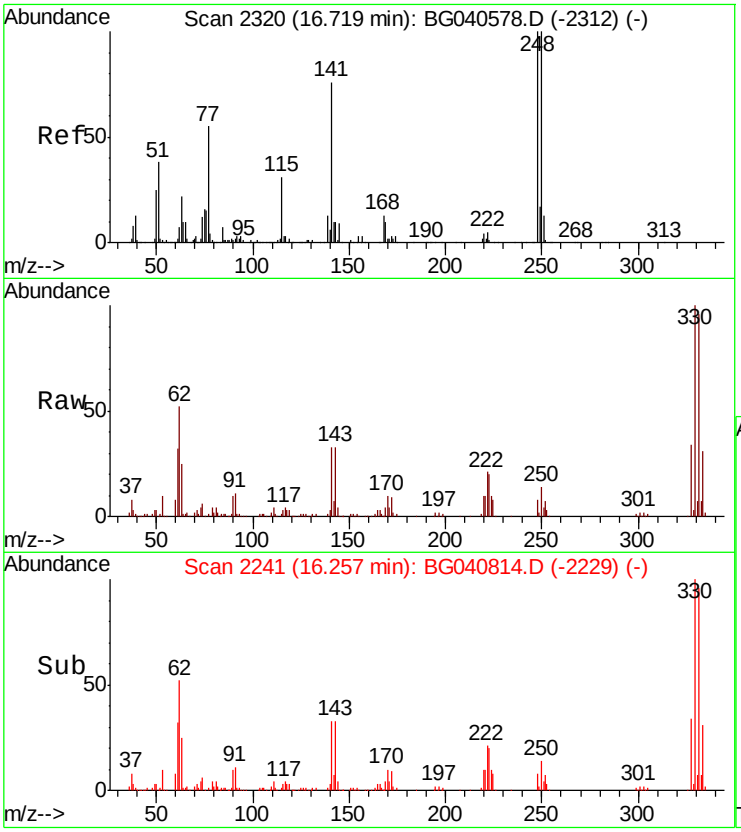


#65
4,6-Dinitro-2-methylphenol
Concen: 7.517 ng
RT: 16.25 min Scan# 2240
Delta R.T. 0.35 min
Lab File: BG040814.D
Acq: 9 May 2019 9:36

Tgt Ion:198 Resp: 890

Ion	Ratio	Lower	Upper
198	100		
51	28.2	35.9	75.9#
105	24.7	21.2	61.2



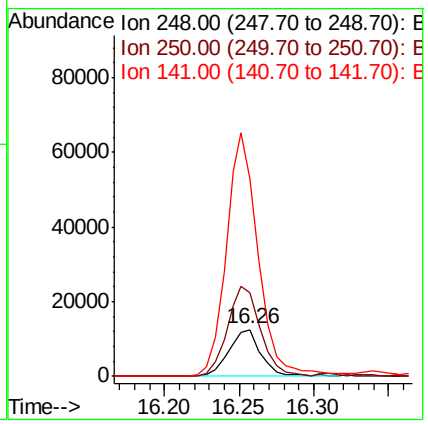


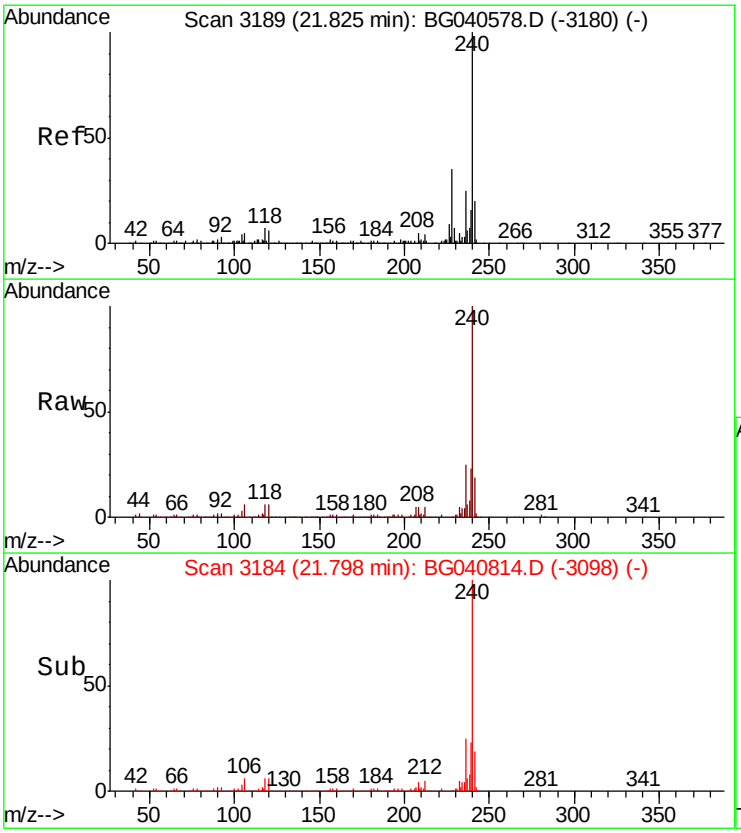
#67
4-Bromophenyl-phenylether
Concen: 4.112 ng
RT: 16.26 min Scan# 2241
Delta R.T. -0.46 min
Lab File: BG040814.D
Acq: 9 May 2019 9:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 18979

Ion	Ratio	Lower	Upper
248	100		
250	140.5	79.8	119.6#
141	332.3	60.8	91.2#

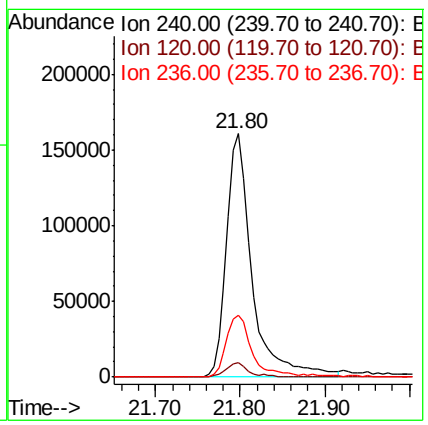


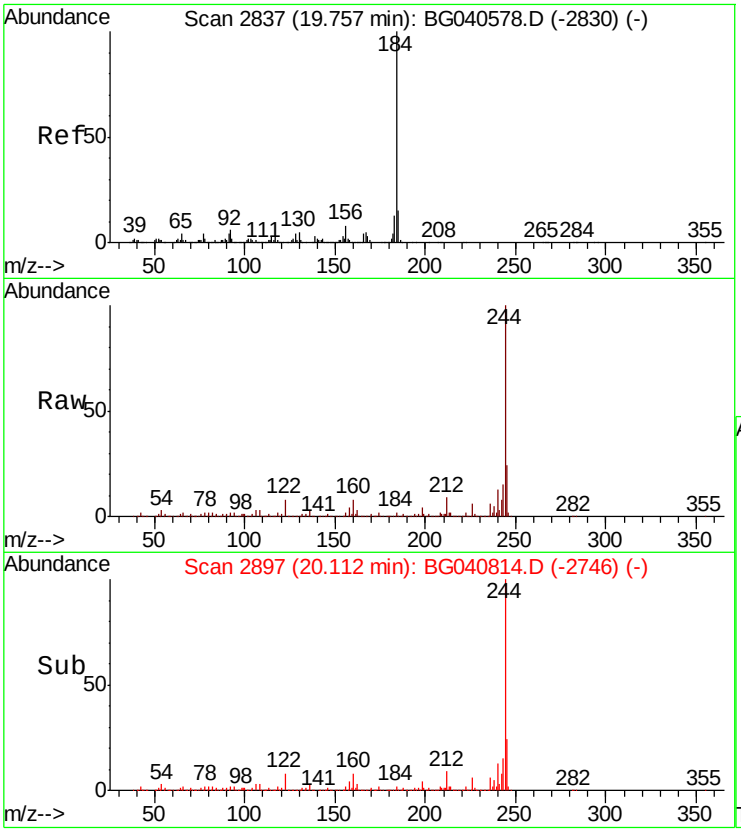


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3184
Delta R.T. -0.03 min
Lab File: BG040814.D
Acq: 9 May 2019 9:36

Tgt Ion:240 Resp: 336400

Ion	Ratio	Lower	Upper
240	100		
120	5.8	5.0	7.6
236	25.4	20.3	30.5



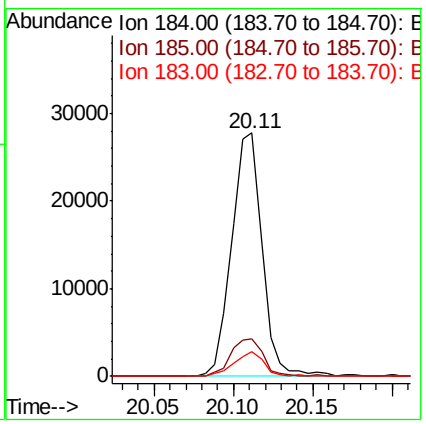


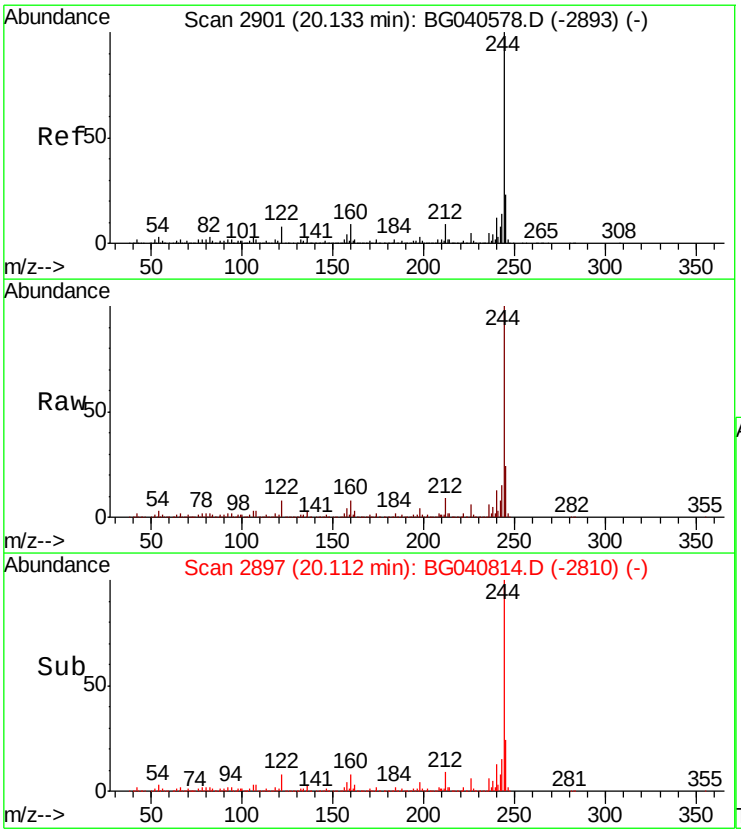
#77
Benzidine
Concen: 3.998 ng
RT: 20.11 min Scan# 2897
Delta R.T. 0.36 min
Lab File: BG040814.D
Acq: 9 May 2019 9:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 36821

Ion	Ratio	Lower	Upper
184	100		
185	15.4	11.8	17.8
183	10.1	10.2	15.2#

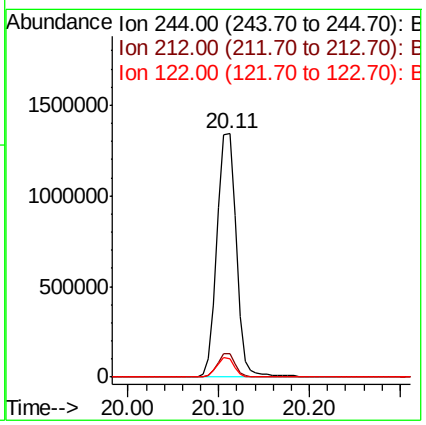


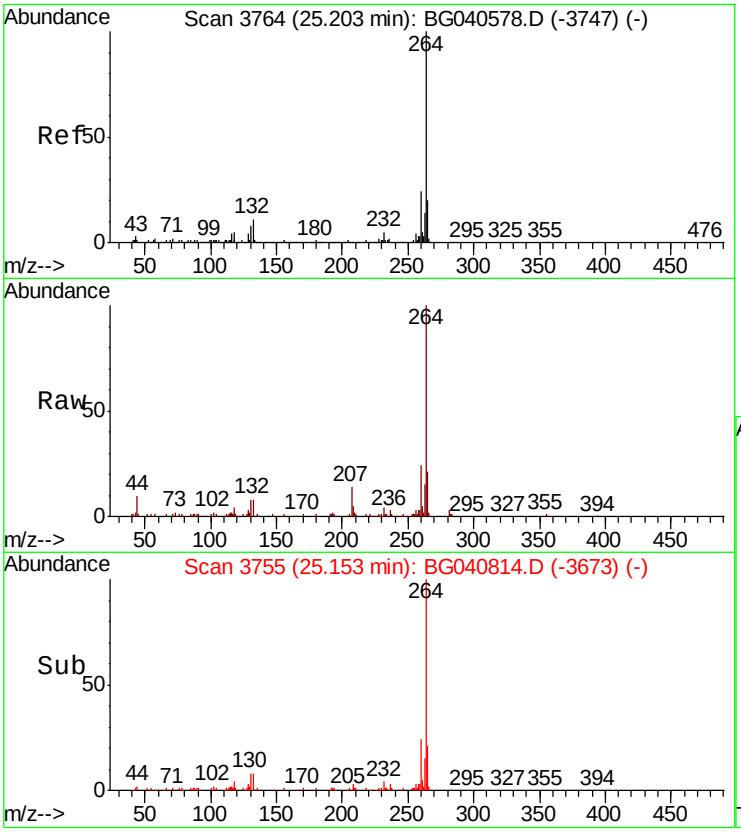


#79
Terphenyl-d14
Concen: 130.642 ng
RT: 20.11 min Scan# 2897
Delta R.T. -0.02 min
Lab File: BG040814.D
Acq: 9 May 2019 9:36

Tgt Ion:244 Resp: 1983725

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.2	10.8
122	7.7	6.6	10.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.15 min Scan# 3755
Delta R.T. -0.05 min
Lab File: BG040814.D
Acq: 9 May 2019 9:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 178433

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.0	16.6	25.0