Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051319\
Data File : BG040917.D
Acq On : 13 May 2019 18:48
Operator : HP/JU
Sample : IDOCBL-S-RC
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IDOCBL-S-RC

Quant Time: May 14 01:48:57 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	8.13	152	42449	20.00	ng	-0.03
21) Naphthalene-d8	10.95	136	176471	20.00	ng	-0.04
39) Acenaphthene-d10	14.76	164	142394	20.00	ng	-0.04
64) Phenanthrene-d10	17.50	188	371626	20.00	ng	-0.04
76) Chrysene-d12	21.78	240	374861	20.00	ng	-0.05
87) Perylene-d12	25.13	264	404383	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	239051	99.27	ng	-0.02
7) Phenol-d6	7.27	99	367851	99.21	ng	-0.03
23) Nitrobenzene-d5	9.30	82	250958	65.71	ng	-0.04
42) 2,4,6-Tribromophenol	16.24	330	219553	112.17	ng	-0.03
45) 2-Fluorobiphenyl	13.38	172	651283	66.05	ng	-0.04
79) Terphenyl-d14	20.10	244	1234805	72.98	ng	-0.04
Target Compounds						Qvalue
9) Benzaldehyde	7.25	77	855	Below Cal	#	6
19) n-Nitroso-di-n-propylamine	9.30	70	35446	10.620	ng	# 76
50) Dimethylphthalate	14.20	163	47977	4.027	ng	# 95
51) 2,6-Dinitrotoluene	14.76	165	18090	7.780	ng	# 14
54) 2,4-Dinitrophenol	14.93	184	64	7.059	ng	# 21
57) 2,4-Dinitrotoluene	14.76	165	18090	5.725	ng	# 16
65) 4,6-Dinitro-2-methylphenol	16.24	198	725	7.439	ng	# 1
67) 4-Bromophenyl-phenylether	16.24	248	15995	3.455	ng	# 1

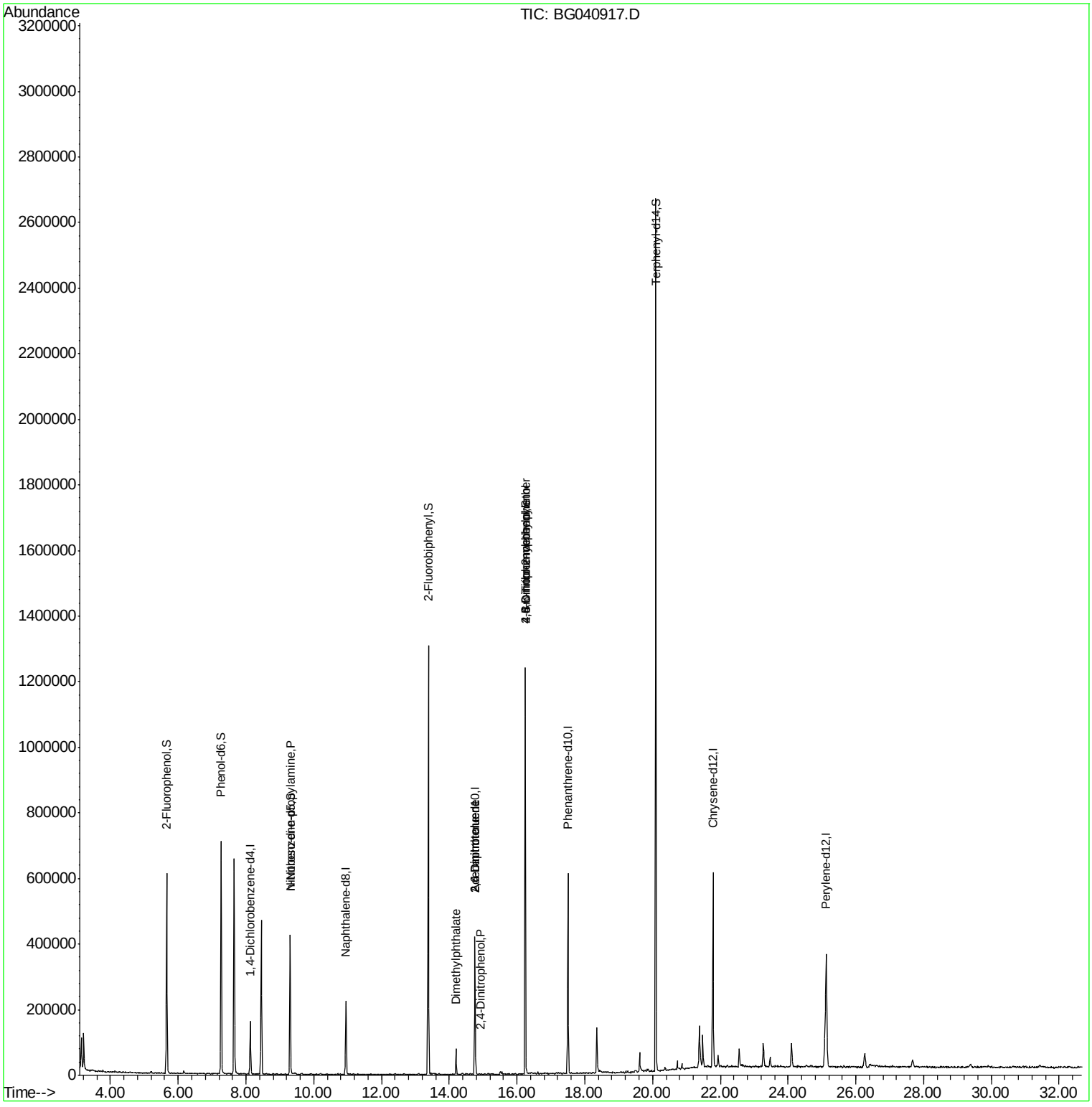
(#) = qualifier out of range (m) = manual integration (+) = signals summed

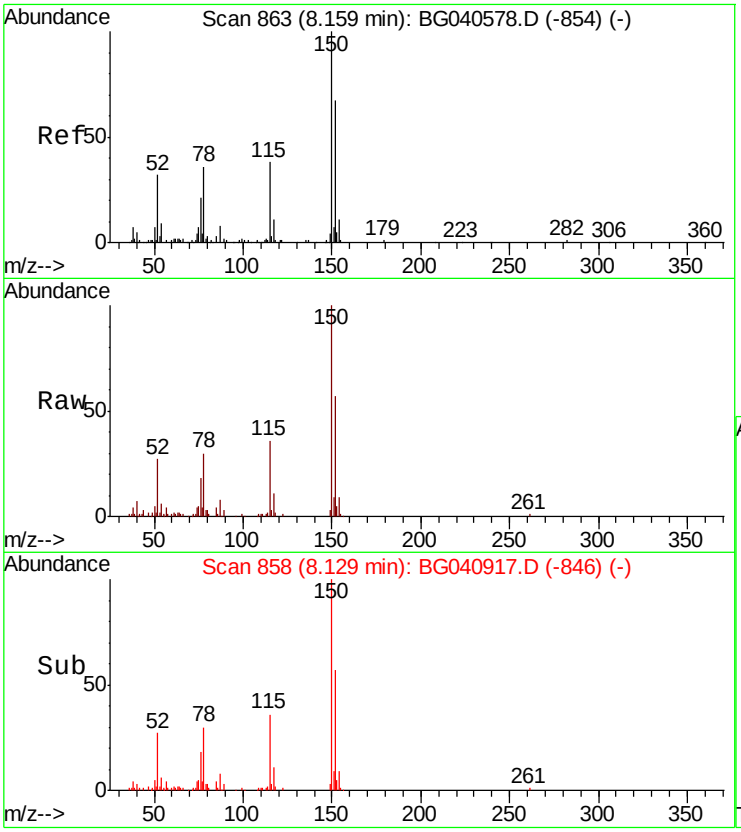
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051319\
Data File : BG040917.D
Acq On : 13 May 2019 18:48
Operator : HP/JU
Sample : IDOCBL-S-RC
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
IDOCBL-S-RC

Quant Time: May 14 01:48:57 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



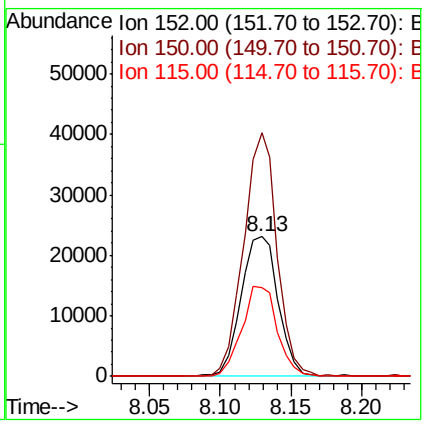


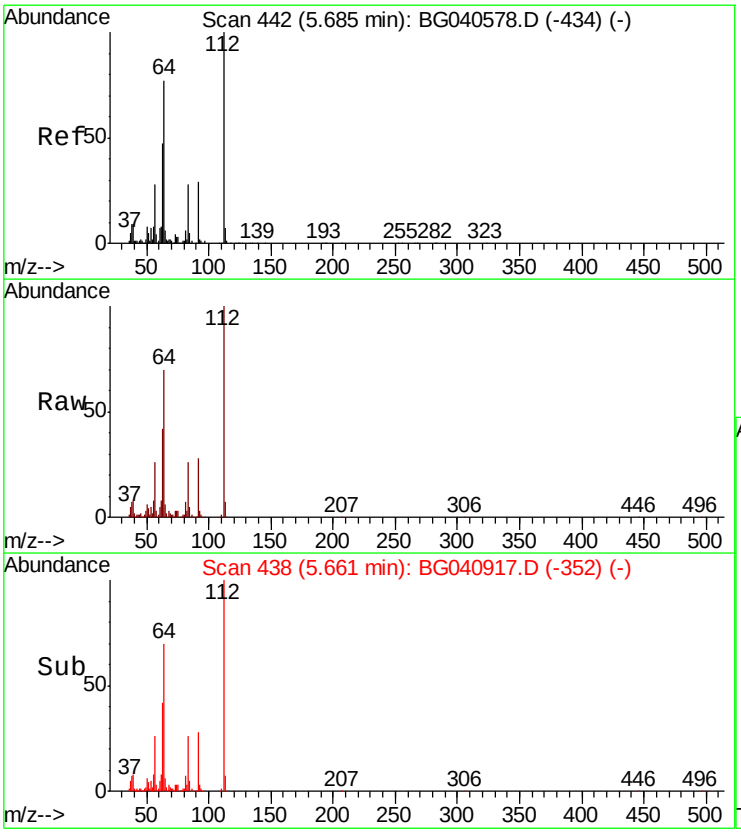
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 858
Delta R.T. -0.03 min
Lab File: BG040917.D
Acq: 13 May 2019 18:48

Instrument :
BNA_G
ClientSampleId :
IDOCBL-S-RC

Tgt Ion:152 Resp: 42449

Ion	Ratio	Lower	Upper
152	100		
150	174.3	120.2	180.2
115	63.6	46.2	69.2

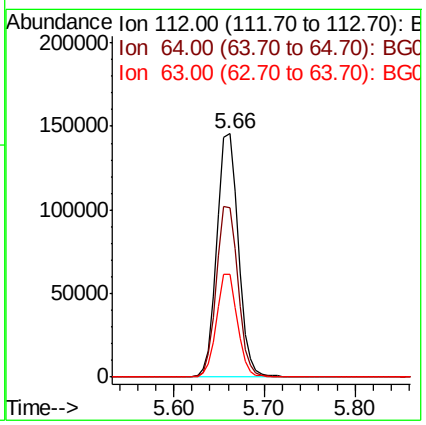


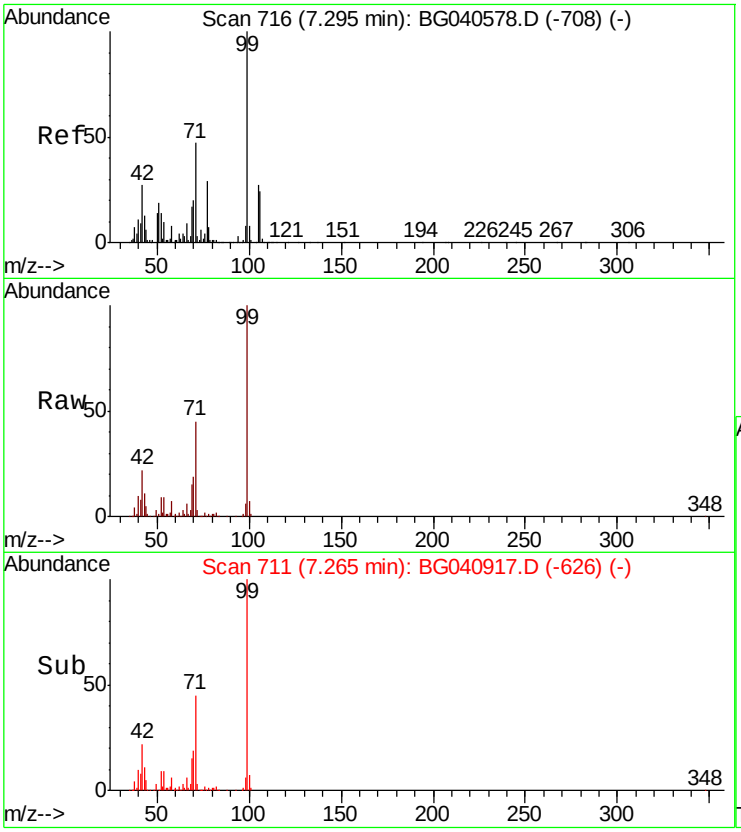


#5
2-Fluorophenol
Concen: 99.270 ng
RT: 5.66 min Scan# 438
Delta R.T. -0.02 min
Lab File: BG040917.D
Acq: 13 May 2019 18:48

Tgt Ion:112 Resp: 239051

Ion	Ratio	Lower	Upper
112	100		
64	69.8	61.4	92.0
63	42.3	37.8	56.6



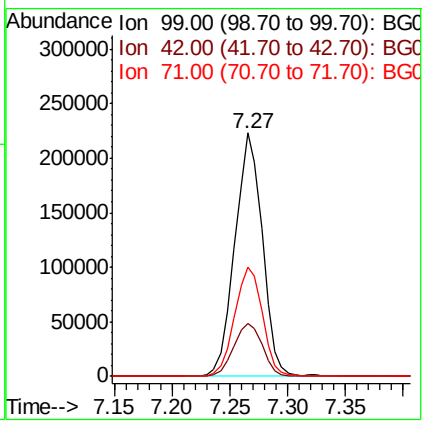


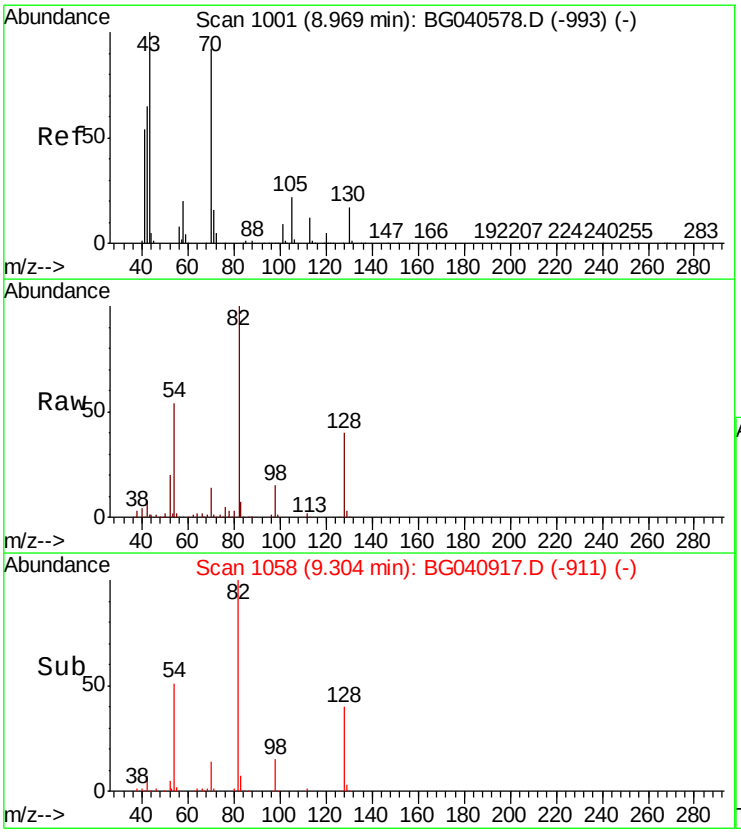
#7
Phenol-d6
Concen: 99.211 ng
RT: 7.27 min Scan# 711
Delta R.T. -0.03 min
Lab File: BG040917.D
Acq: 13 May 2019 18:48

Instrument :
BNA_G
ClientSampleId :
IDOCBL-S-RC

Tgt Ion: 99 Resp: 367851

Ion	Ratio	Lower	Upper
99	100		
42	21.6	21.8	32.8#
71	44.7	38.6	57.8

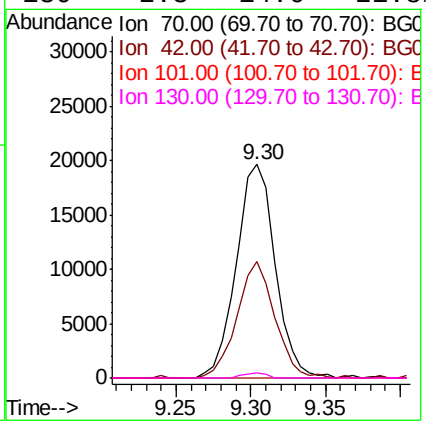


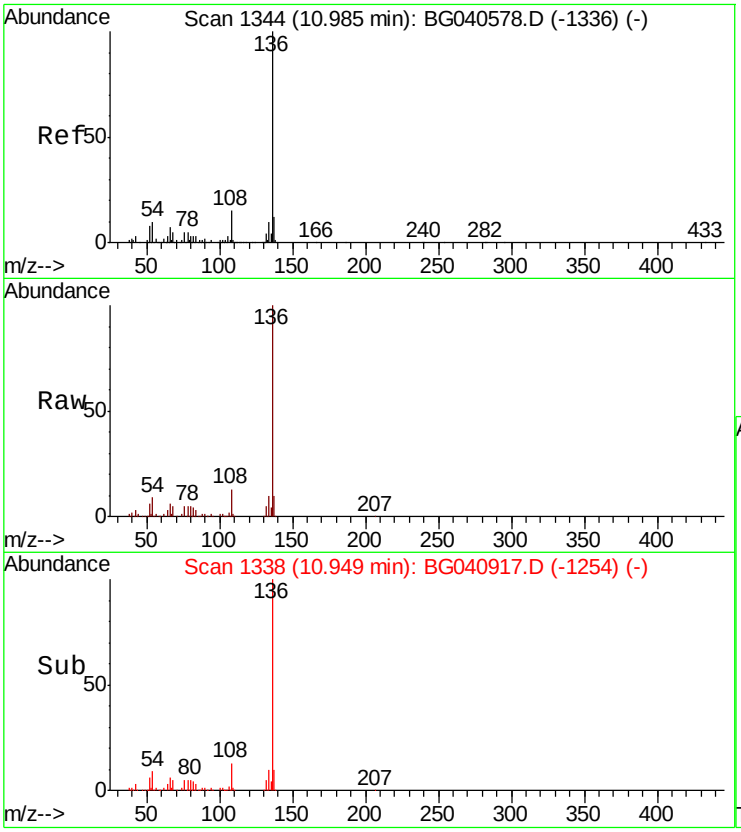


#19
n-Nitroso-di-n-propylamine
Concen: 10.620 ng
RT: 9.30 min Scan# 1058
Delta R.T. 0.33 min
Lab File: BG040917.D
Acq: 13 May 2019 18:48

Tgt Ion: 70 Resp: 35446

Ion	Ratio	Lower	Upper
70	100		
42	54.5	57.1	85.7#
101	0.0	7.8	11.8#
130	2.3	14.6	21.8#



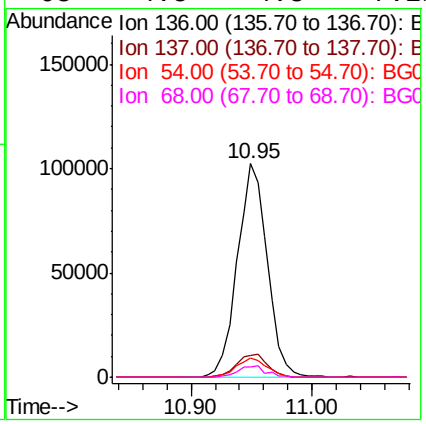


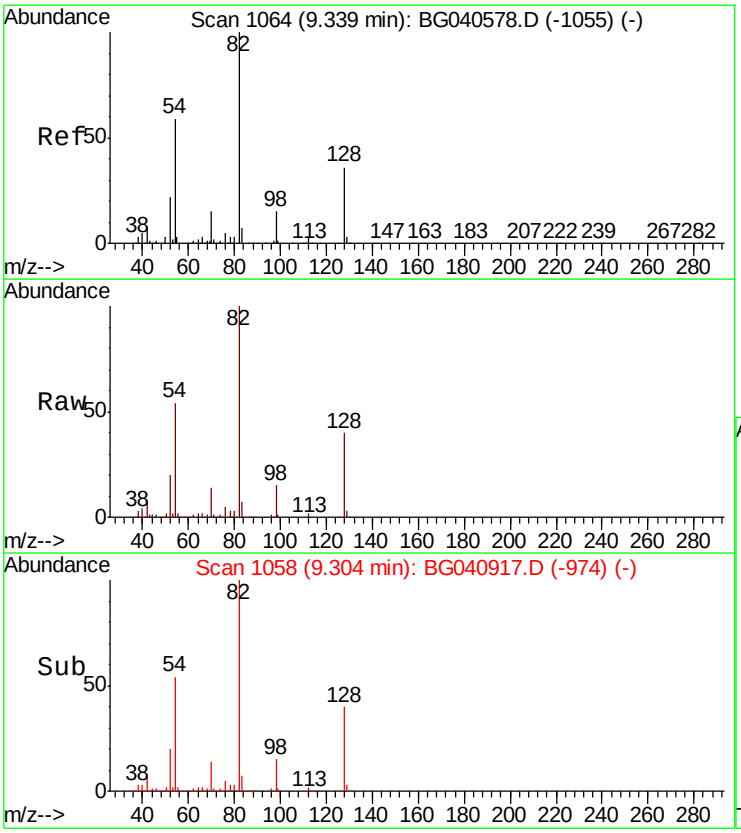
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1338
Delta R.T. -0.04 min
Lab File: BG040917.D
Acq: 13 May 2019 18:48

Instrument :
BNA_G
ClientSampleId :
IDOCBL-S-RC

Tgt Ion:136 Resp: 176471

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.7	14.5
54	9.0	8.6	12.8
68	4.5	4.8	7.2#

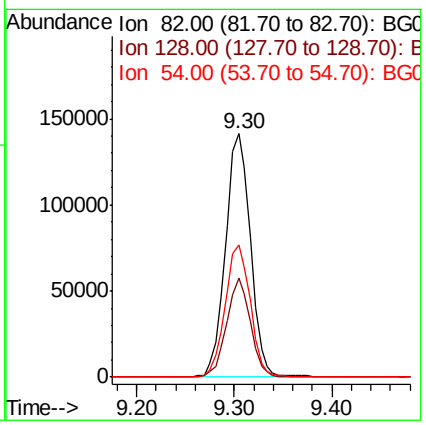


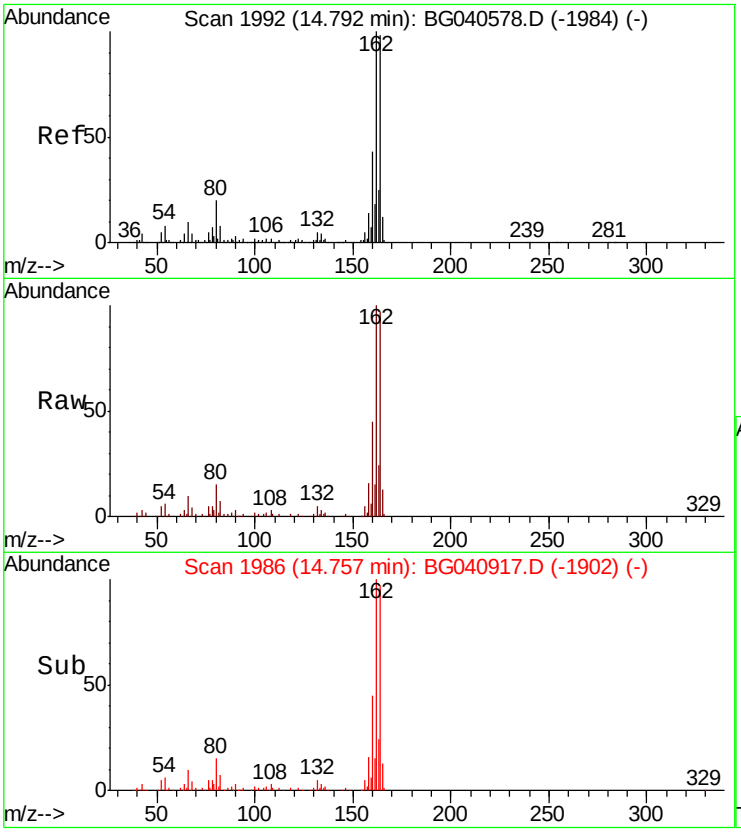


#23
Nitrobenzene-d5
Concen: 65.710 ng
RT: 9.30 min Scan# 1058
Delta R.T. -0.04 min
Lab File: BG040917.D
Acq: 13 May 2019 18:48

Tgt Ion: 82 Resp: 250958

Ion	Ratio	Lower	Upper
82	100		
128	40.4	28.9	43.3
54	54.5	47.2	70.8



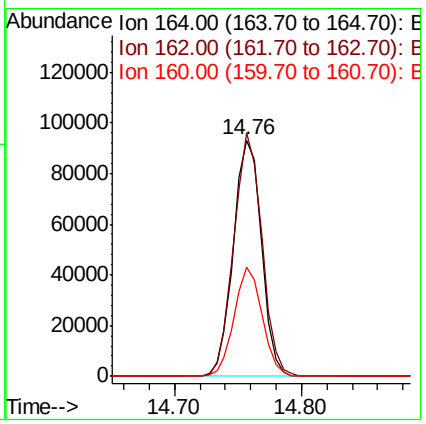


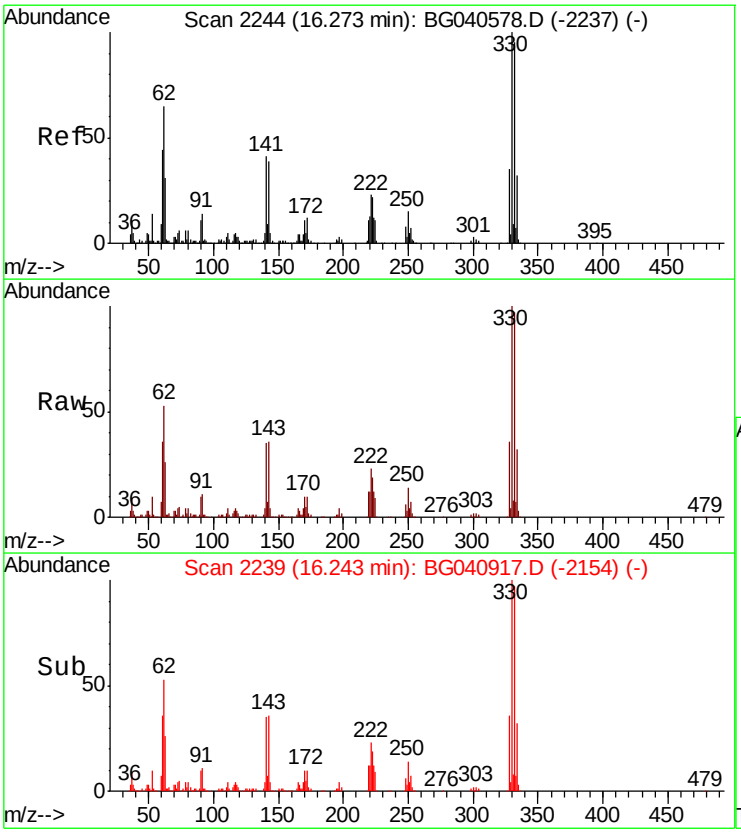
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.04 min
Lab File: BG040917.D
Acq: 13 May 2019 18:48

Instrument :
BNA_G
ClientSampleId :
IDOCBL-S-RC

Tgt Ion:164 Resp: 142394

Ion	Ratio	Lower	Upper
164	100		
162	103.2	81.9	122.9
160	46.2	35.4	53.2

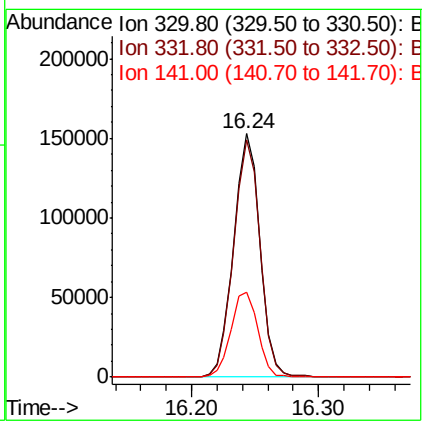


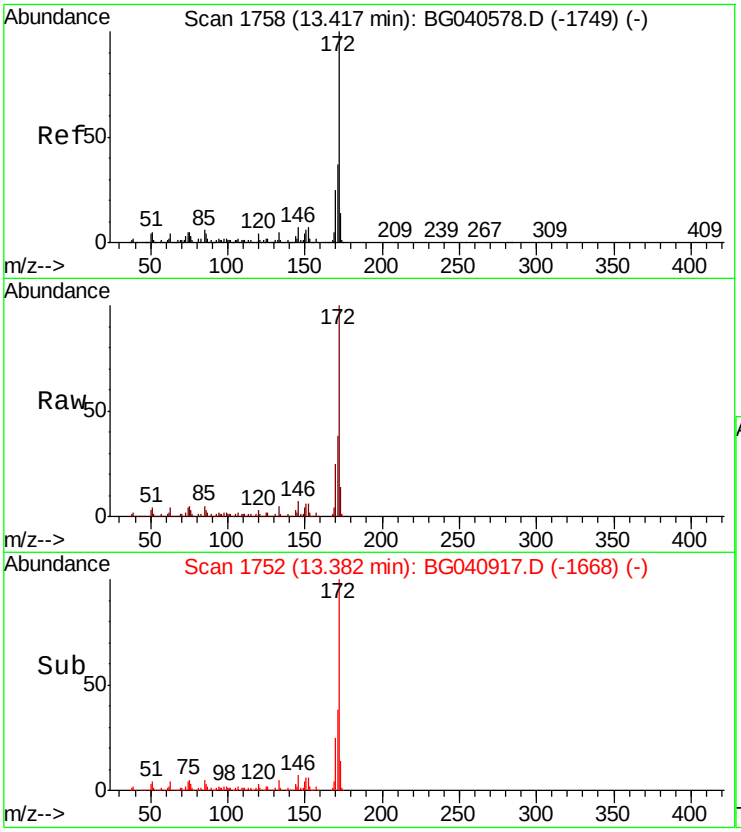


#42
2,4,6-Tribromophenol
Concen: 112.175 ng
RT: 16.24 min Scan# 2239
Delta R.T. -0.03 min
Lab File: BG040917.D
Acq: 13 May 2019 18:48

Tgt Ion:330 Resp: 219553

Ion	Ratio	Lower	Upper
330	100		
332	97.5	75.9	113.9
141	35.4	32.4	48.6



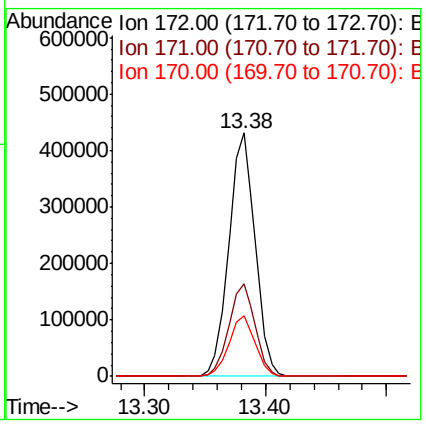


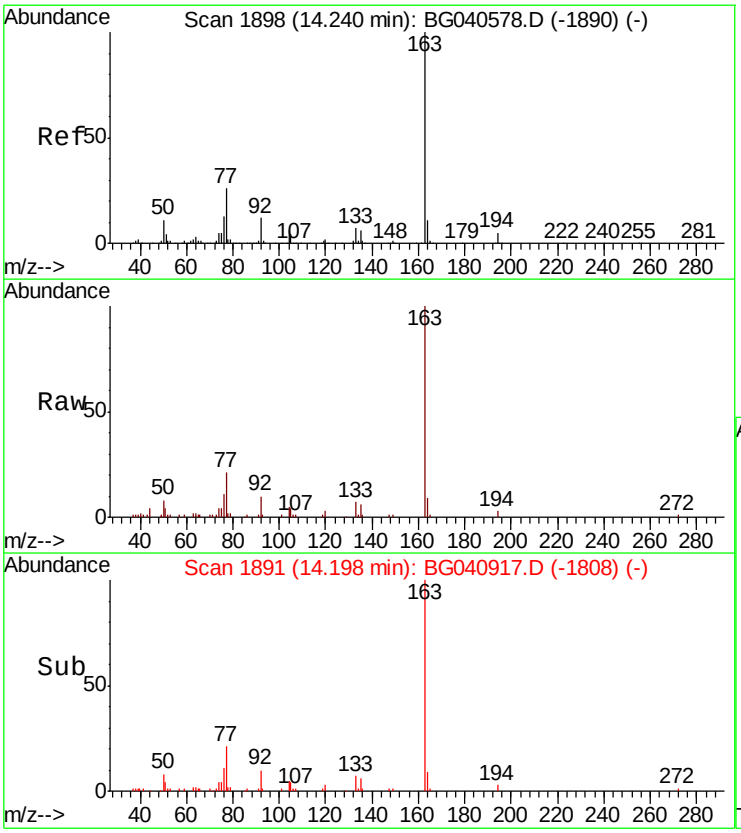
#45
2-Fluorobiphenyl
Concen: 66.055 ng
RT: 13.38 min Scan# 1752
Delta R.T. -0.04 min
Lab File: BG040917.D
Acq: 13 May 2019 18:48

Instrument :
BNA_G
ClientSampleId :
IDOCBL-S-RC

Tgt Ion:172 Resp: 651283

Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.4	44.2
170	24.8	19.9	29.9

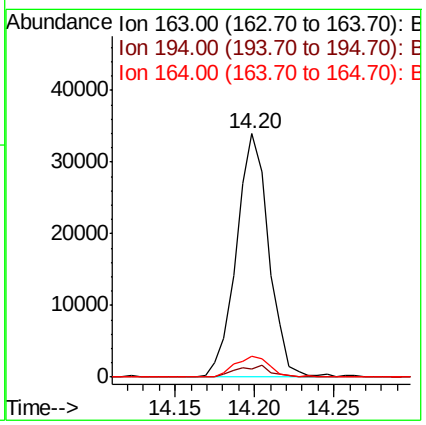


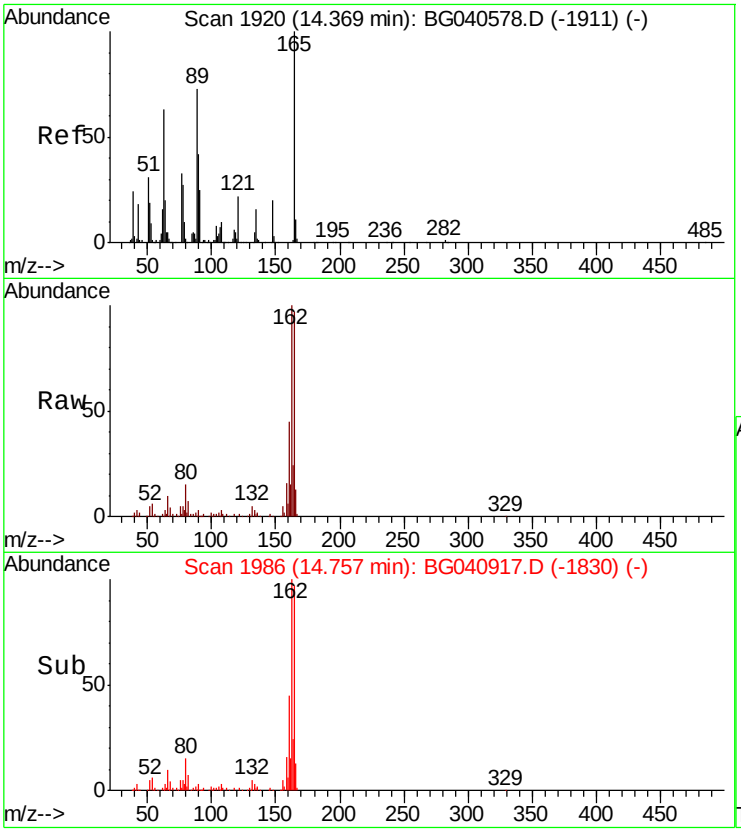


#50
Dimethylphthalate
Concen: 4.027 ng
RT: 14.20 min Scan# 1891
Delta R.T. -0.04 min
Lab File: BG040917.D
Acq: 13 May 2019 18:48

Tgt Ion:163 Resp: 47977

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.8	5.8#
164	8.7	8.8	13.2#



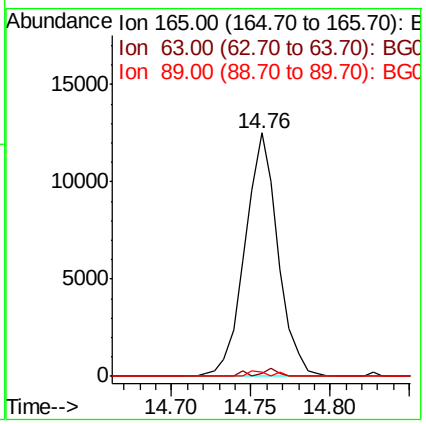


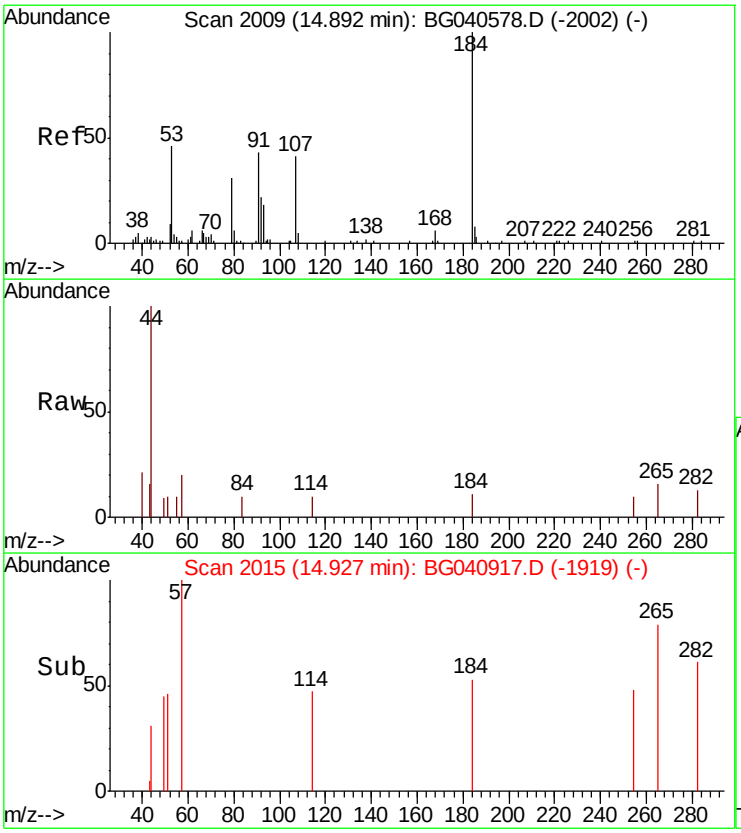
#51
2,6-Dinitrotoluene
Concen: 7.780 ng
RT: 14.76 min Scan# 1986
Delta R.T. 0.39 min
Lab File: BG040917.D
Acq: 13 May 2019 18:48

Instrument :
BNA_G
ClientSampleId :
IDOCBL-S-RC

Tgt Ion:165 Resp: 18090

Ion	Ratio	Lower	Upper
165	100		
63	1.5	61.0	91.4#
89	1.6	58.6	87.8#

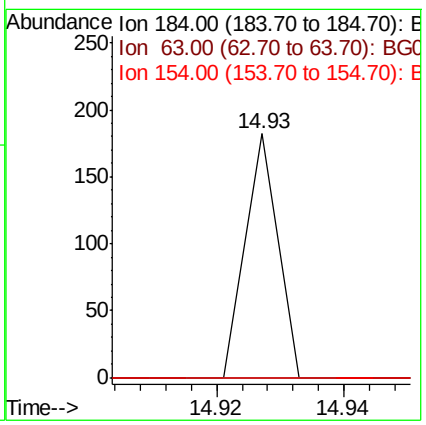


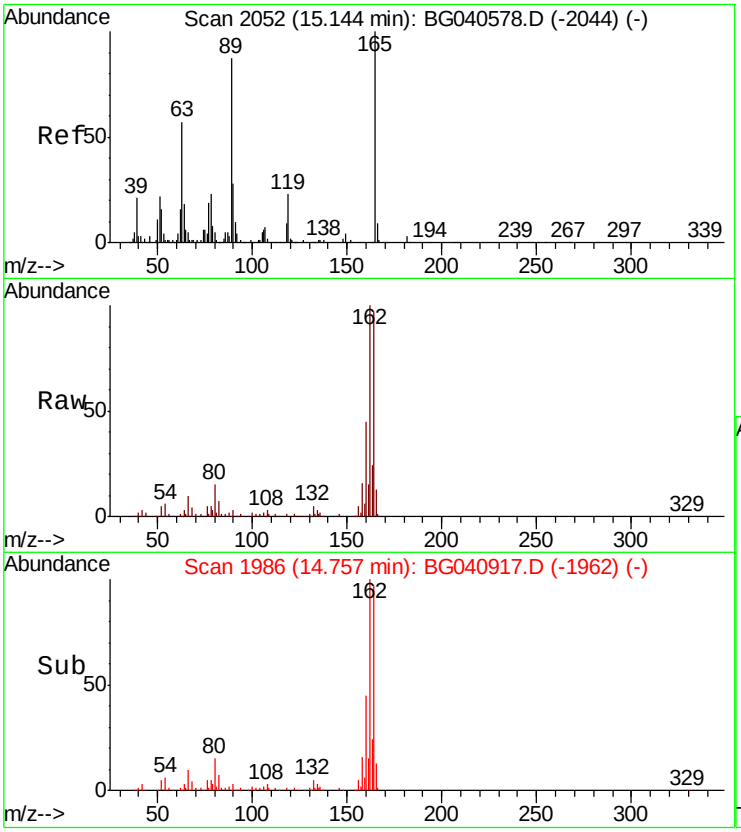


#54
2,4-Dinitrophenol
Concen: 7.059 ng
RT: 14.93 min Scan# 2015
Delta R.T. 0.04 min
Lab File: BG040917.D
Acq: 13 May 2019 18:48

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#



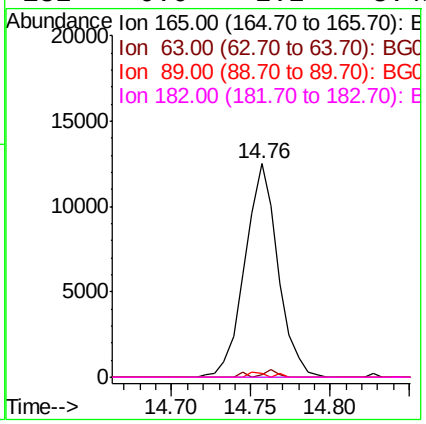


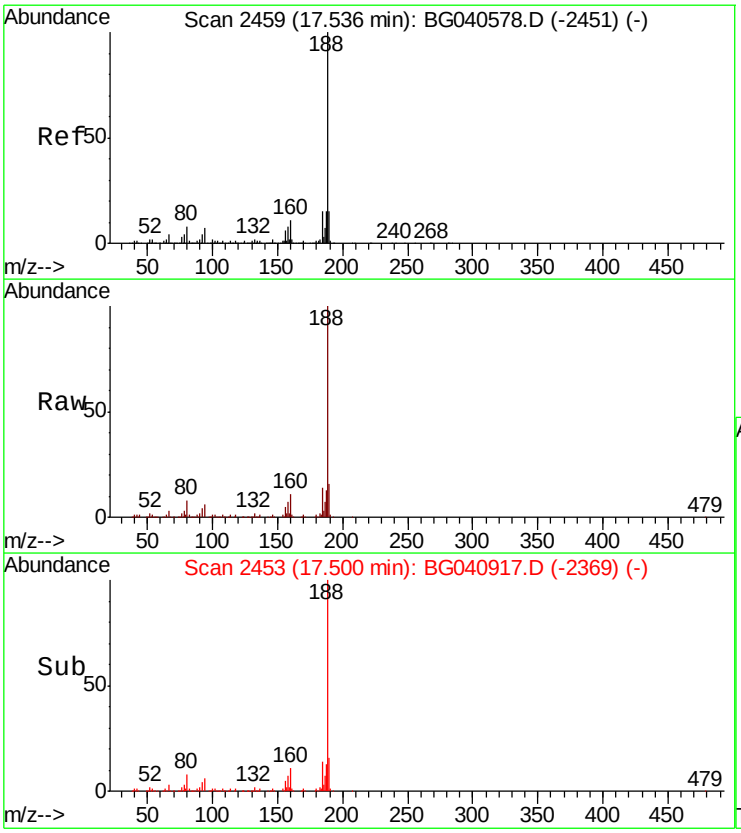
#57
2,4-Dinitrotoluene
Concen: 5.725 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.39 min
Lab File: BG040917.D
Acq: 13 May 2019 18:48

Instrument :
BNA_G
ClientSampleId :
IDOCBL-S-RC

Tgt Ion:165 Resp: 18090

Ion	Ratio	Lower	Upper
165	100		
63	1.5	45.8	68.8#
89	1.6	69.4	104.2#
182	0.0	2.2	3.4#

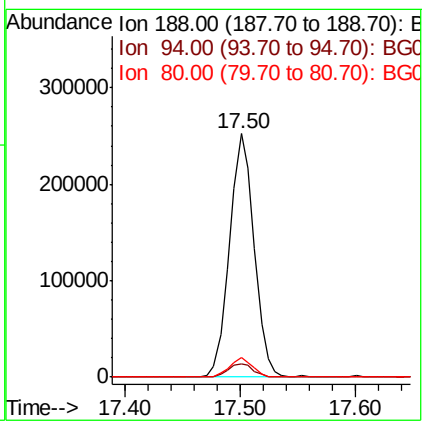


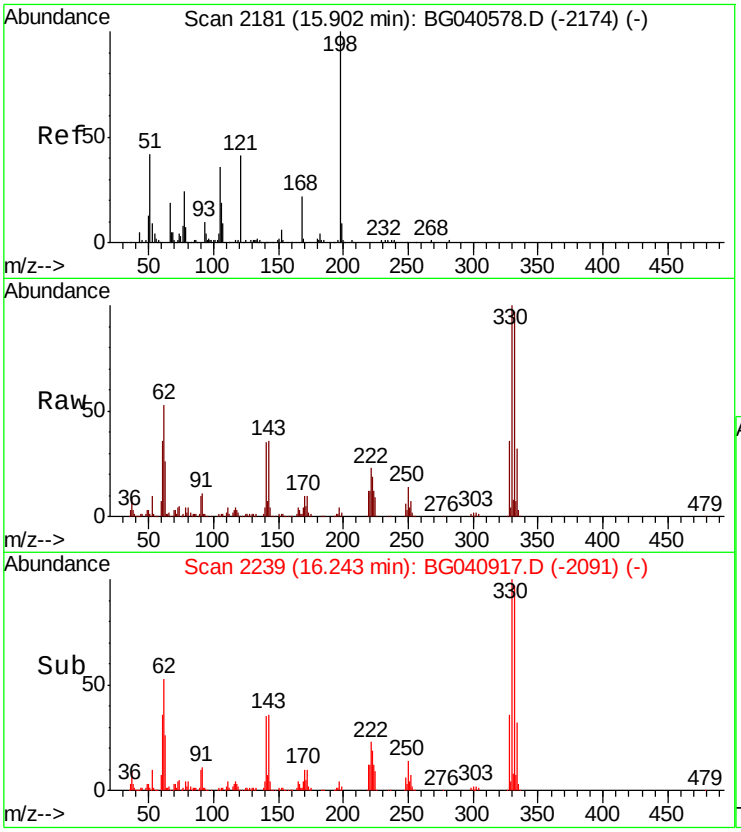


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.04 min
Lab File: BG040917.D
Acq: 13 May 2019 18:48

Tgt Ion:188 Resp: 371626

Ion	Ratio	Lower	Upper
188	100		
94	5.5	5.6	8.4#
80	7.9	6.4	9.6



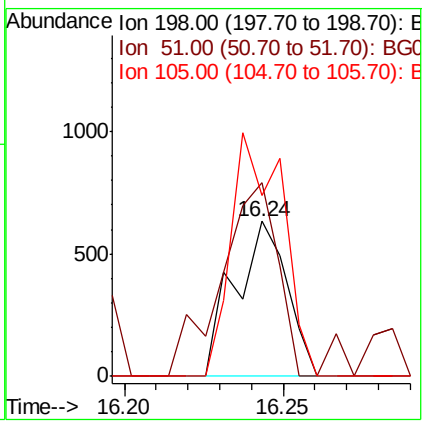


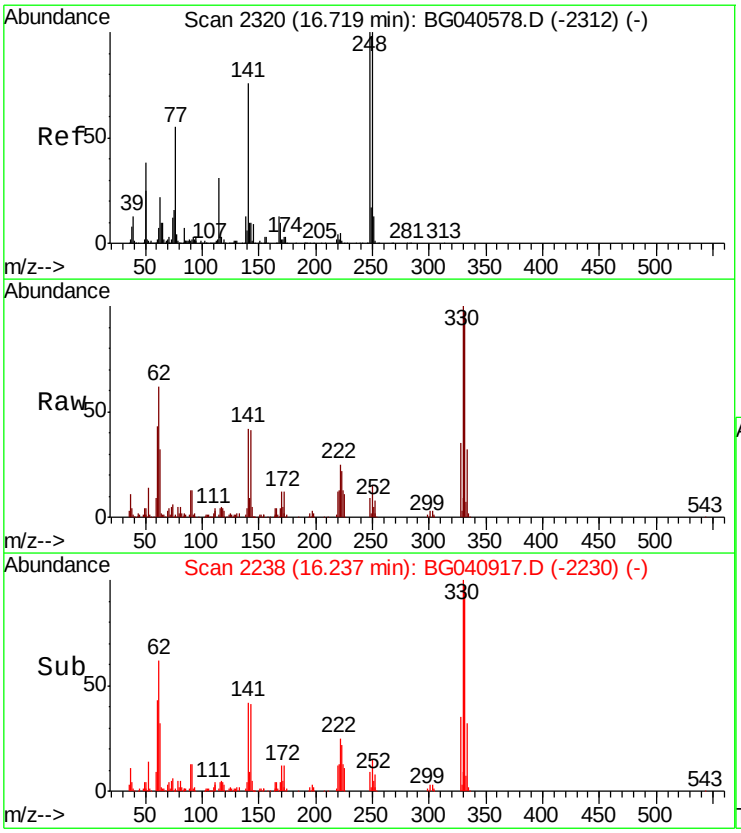
#65
4,6-Dinitro-2-methylphenol
Concen: 7.439 ng
RT: 16.24 min Scan# 2239
Delta R.T. 0.34 min
Lab File: BG040917.D
Acq: 13 May 2019 18:48

Instrument :
BNA_G
ClientSampleId :
IDOCBL-S-RC

Tgt Ion:198 Resp: 725

Ion	Ratio	Lower	Upper
198	100		
51	125.0	35.9	75.9#
105	117.1	21.2	61.2#

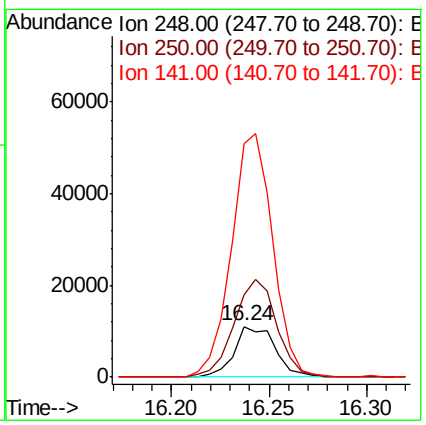


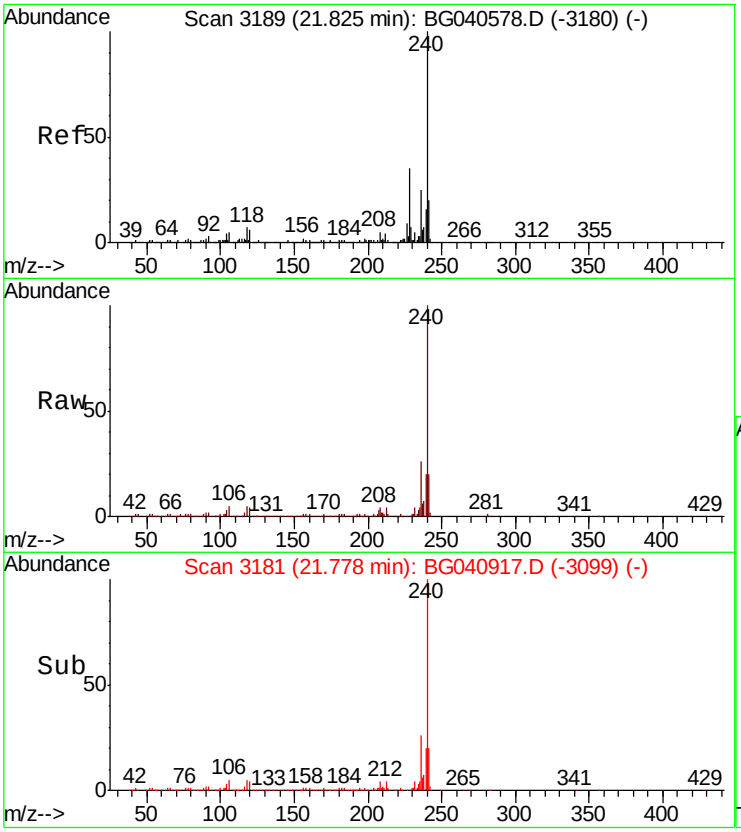


#67
4-Bromophenyl-phenylether
Concen: 3.455 ng
RT: 16.24 min Scan# 2238
Delta R.T. -0.48 min
Lab File: BG040917.D
Acq: 13 May 2019 18:48

Tgt Ion:248 Resp: 15995

Ion	Ratio	Lower	Upper
248	100		
250	219.1	79.8	119.6#
141	462.8	60.8	91.2#



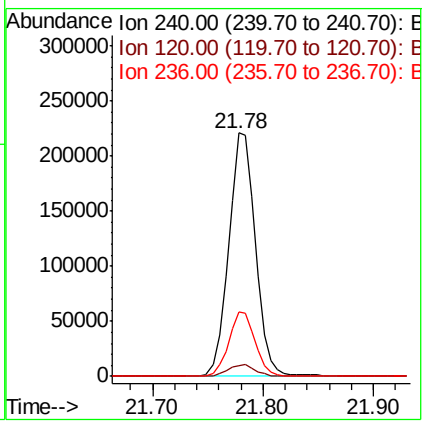


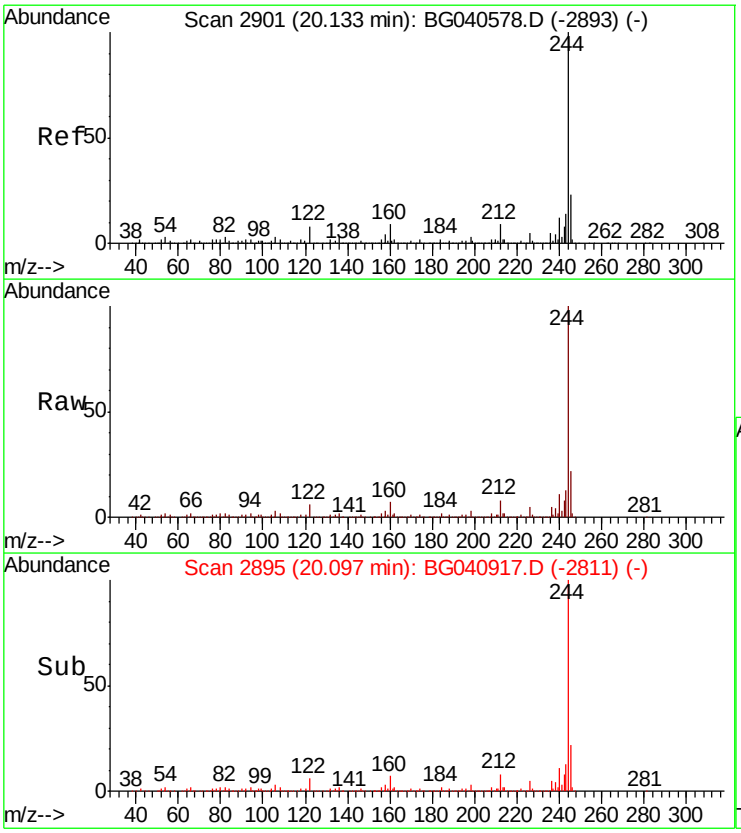
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3181
Delta R.T. -0.05 min
Lab File: BG040917.D
Acq: 13 May 2019 18:48

Instrument :
BNA_G
ClientSampleId :
IDOCBL-S-RC

Tgt Ion:240 Resp: 374861

Ion	Ratio	Lower	Upper
240	100		
120	4.5	5.0	7.6#
236	26.4	20.3	30.5

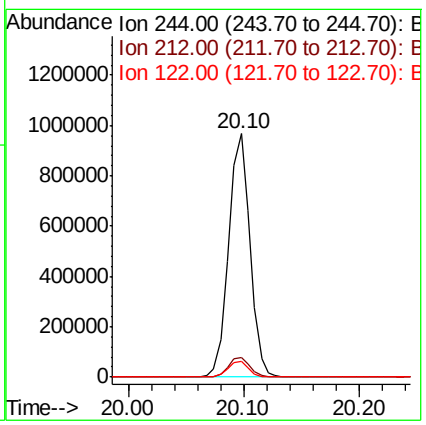


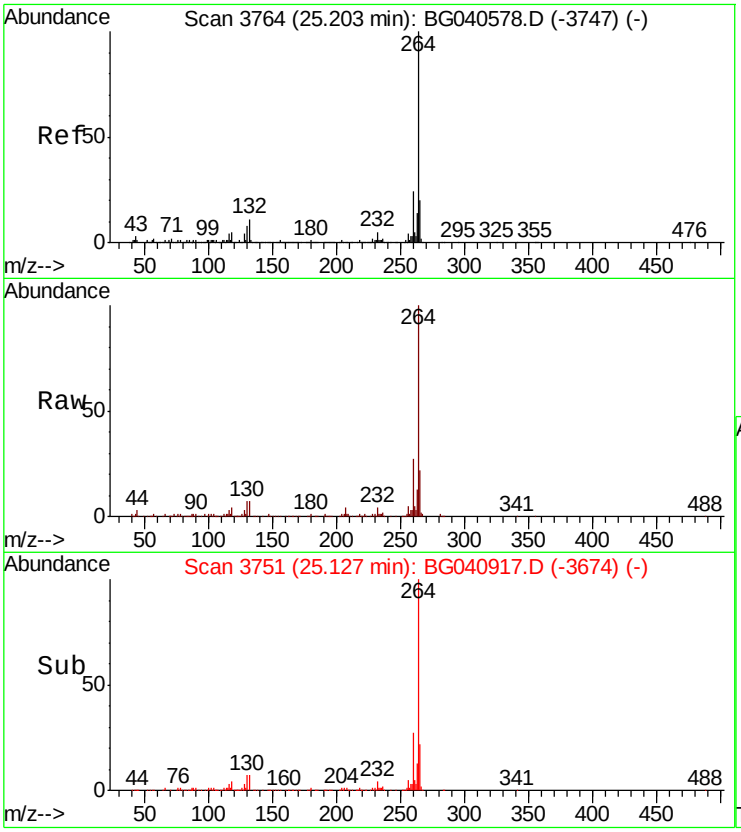


#79
Terphenyl-d14
Concen: 72.977 ng
RT: 20.10 min Scan# 2895
Delta R.T. -0.04 min
Lab File: BG040917.D
Acq: 13 May 2019 18:48

Tgt Ion:244 Resp: 1234805

Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.2	10.8
122	6.4	6.6	10.0#





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.13 min Scan# 3751
Delta R.T. -0.08 min
Lab File: BG040917.D
Acq: 13 May 2019 18:48

Instrument :
BNA_G
ClientSampleId :
IDOCBL-S-RC

Tgt Ion:264 Resp: 404383

Ion	Ratio	Lower	Upper
264	100		
260	27.1	19.2	28.8
265	21.8	16.6	25.0