Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060619\
Data File : BG041089.D
Acq On : 6 Jun 2019 13:41
Operator : HP/JU
Sample : K3177-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NB-CONCRETE-1

Quant Time: Jun 06 23:16:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	46641	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	171870	20.00	ng	-0.02
39) Acenaphthene-d10	14.74	164	116207	20.00	ng	-0.02
64) Phenanthrene-d10	17.49	188	293738	20.00	ng	-0.01
76) Chrysene-d12	21.77	240	342686	20.00	ng	-0.02
87) Perylene-d12	25.09	264	372625	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	119893	46.35	ng	0.00
7) Phenol-d6	7.26	99	286611	71.75	ng	0.00
23) Nitrobenzene-d5	9.29	82	266009	68.71	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	30741	17.82	ng	-0.02
45) 2-Fluorobiphenyl	13.36	172	577620	71.58	ng	-0.02
79) Terphenyl-d14	20.08	244	1100718	68.17	ng	-0.02
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.92	42	604374	374.953	ng	# 1
19) n-Nitroso-di-n-propylamine	9.29	70	38143	12.408	ng	# 77
50) Dimethylphthalate	14.18	163	73988	7.521	ng	97
57) 2,4-Dinitrotoluene	14.74	165	14843	4.954	ng	# 21
65) 4,6-Dinitro-2-methylphenol	16.23	198	56	8.619	ng	# 36
77) Benzidine	20.08	184	17671	2.162	ng	# 89

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

Quantitation Report (Not Reviewed)

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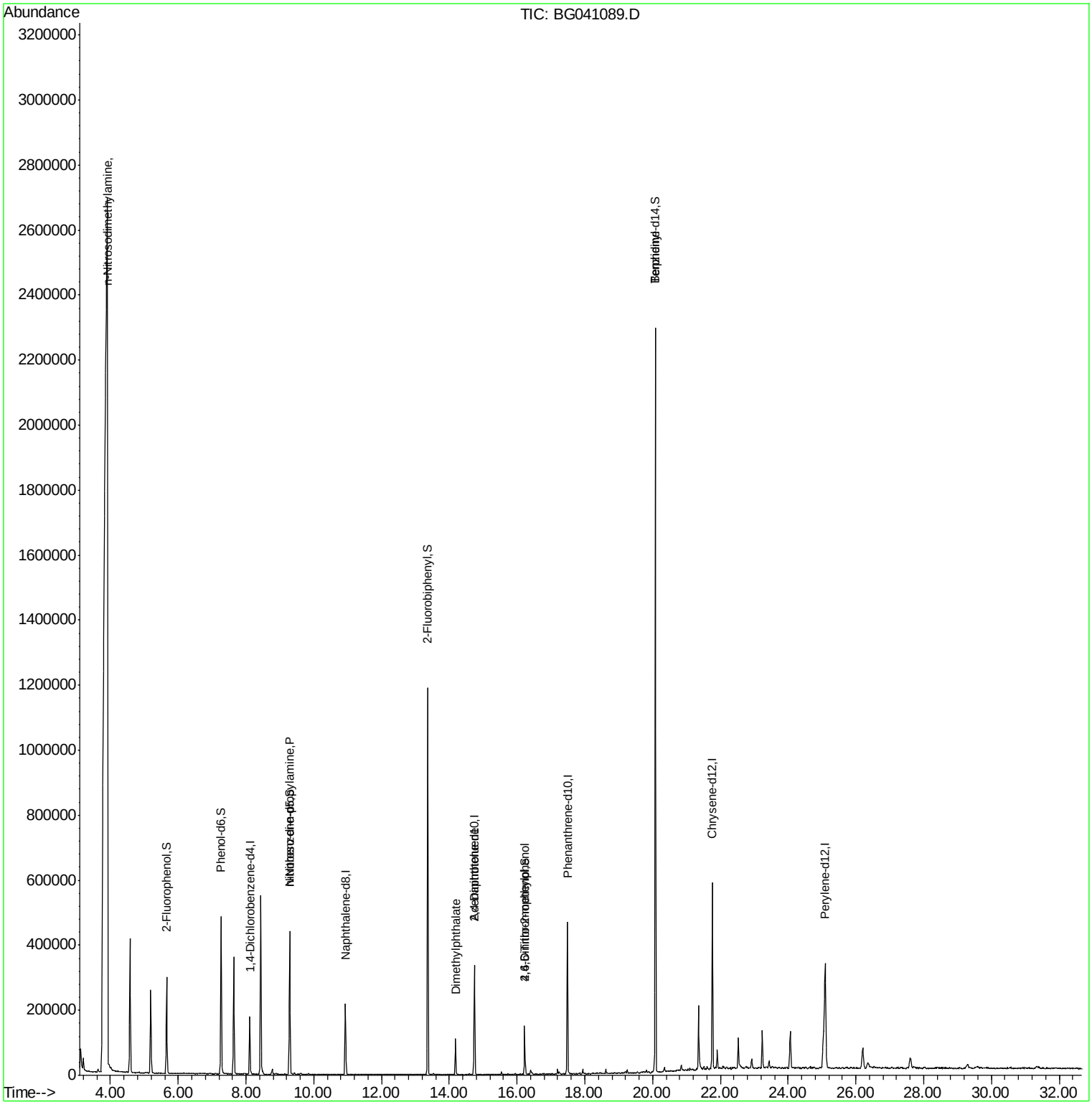
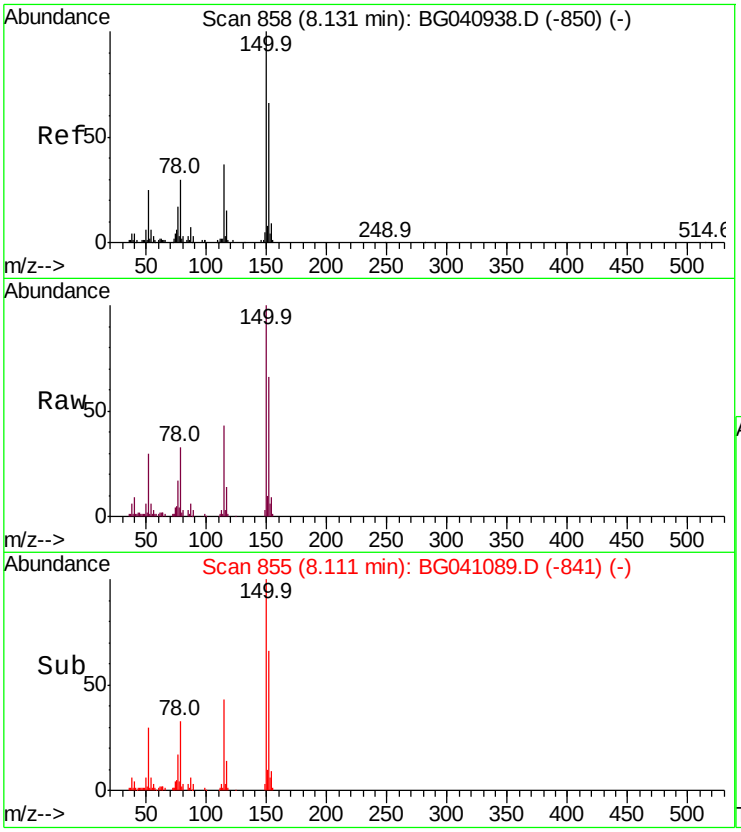


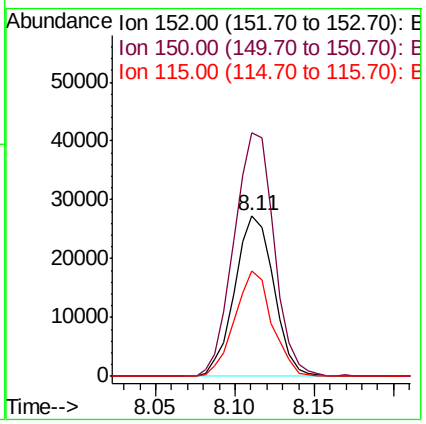


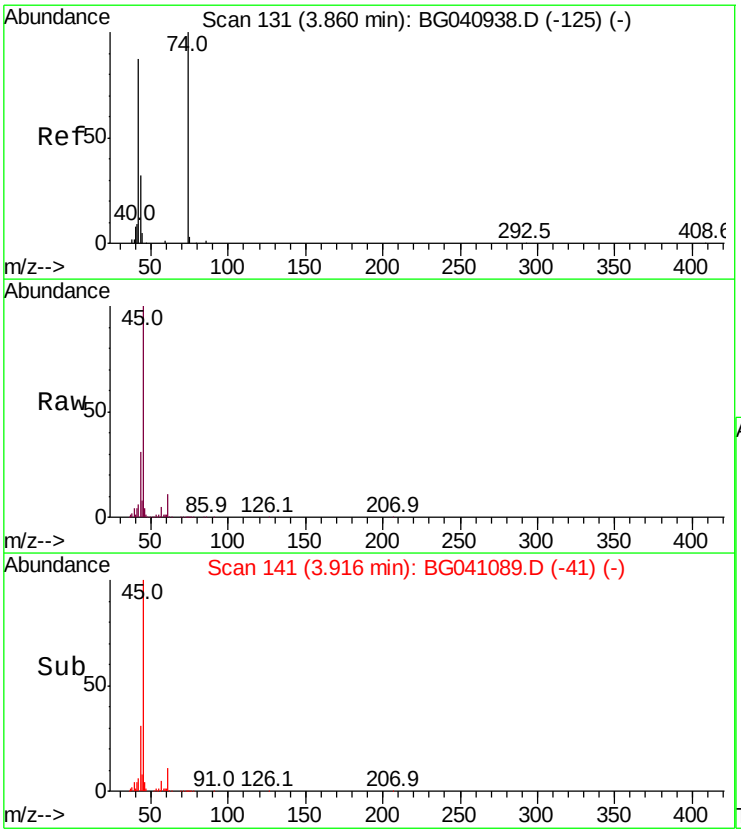
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 855
Delta R.T. -0.02 min
Lab File: BG041089.D
Acq: 6 Jun 2019 13:41

Instrument :
BNA_G
ClientSampleId :
NB-CONCRETE-1

Tgt Ion:152 Resp: 46641

Ion	Ratio	Lower	Upper
152	100		
150	151.3	120.6	180.8
115	65.3	45.1	67.7

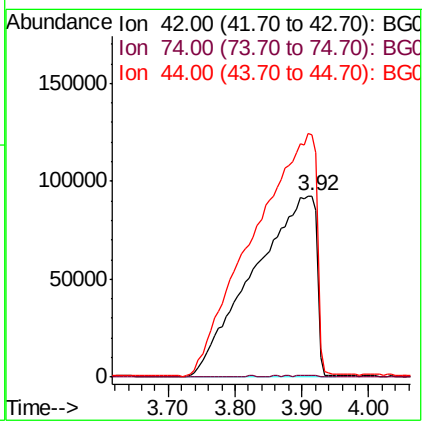


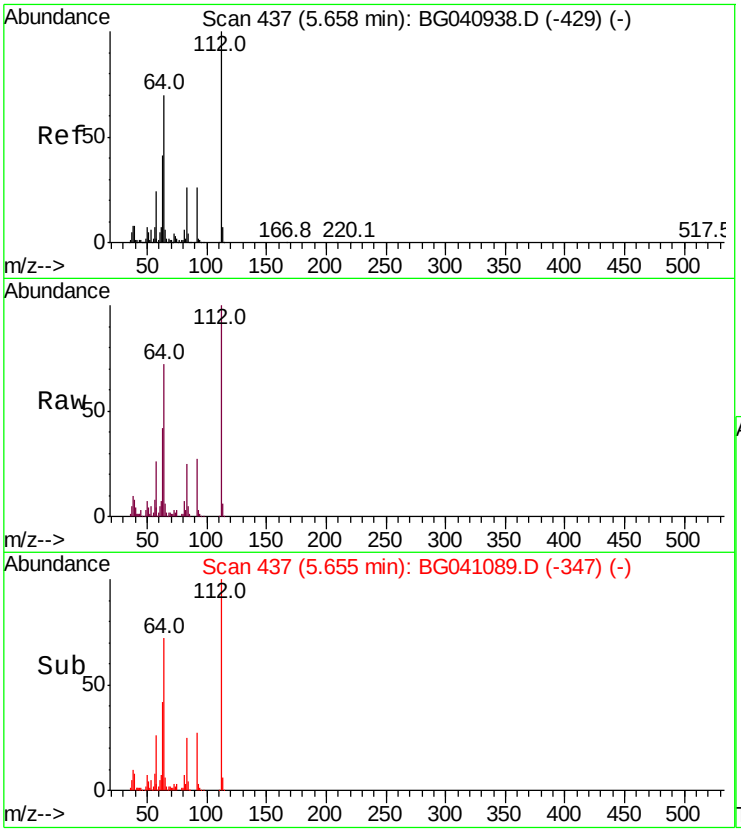


#4
n-Nitrosodimethylamine
Concen: 374.953 ng
RT: 3.92 min Scan# 141
Delta R.T. 0.06 min
Lab File: BG041089.D
Acq: 6 Jun 2019 13:41

Tgt Ion: 42 Resp: 604374

Ion	Ratio	Lower	Upper
42	100		
74	0.7	91.8	137.6#
44	134.0	6.0	9.0#



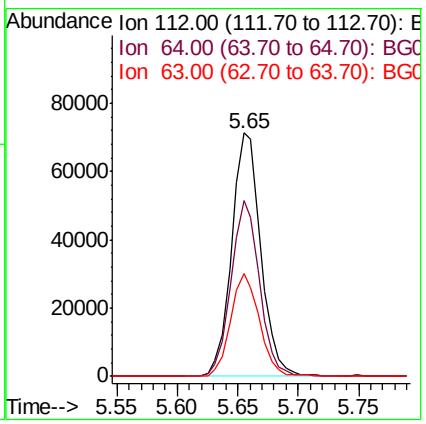


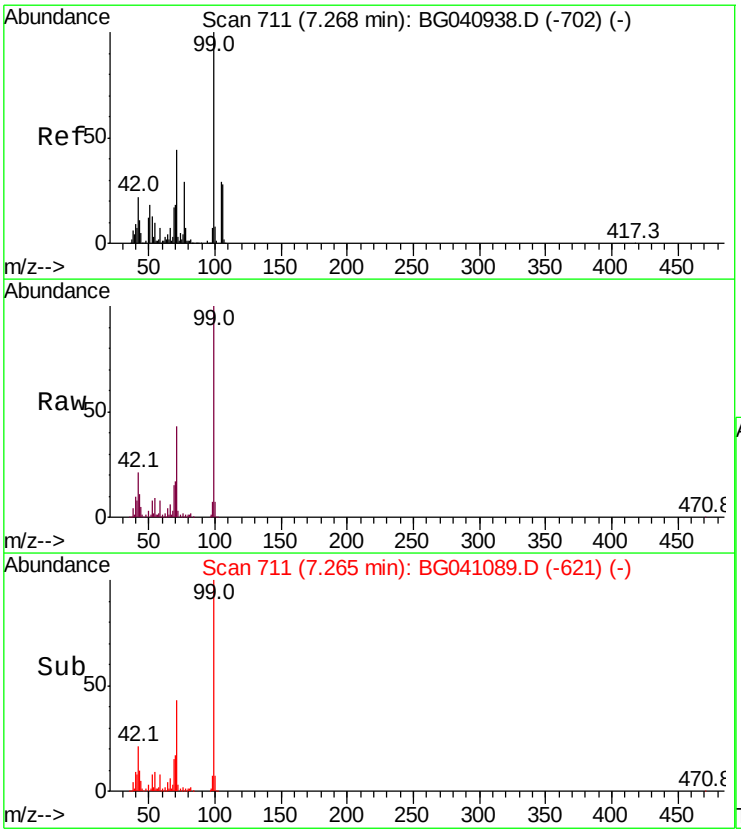
#5
2-Fluorophenol
Concen: 46.352 ng
RT: 5.65 min Scan# 437
Delta R.T. -0.00 min
Lab File: BG041089.D
Acq: 6 Jun 2019 13:41

Instrument :
BNA_G
ClientSampleId :
NB-CONCRETE-1

Tgt Ion:112 Resp: 119893

Ion	Ratio	Lower	Upper
112	100		
64	72.1	56.2	84.2
63	42.4	32.8	49.2

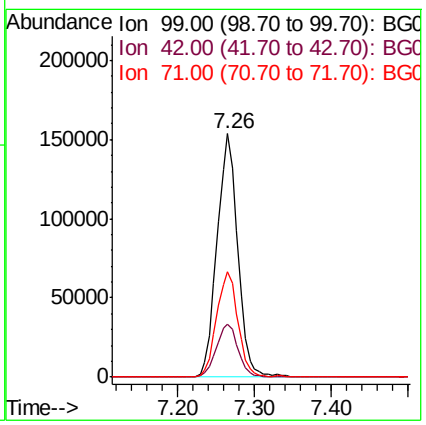


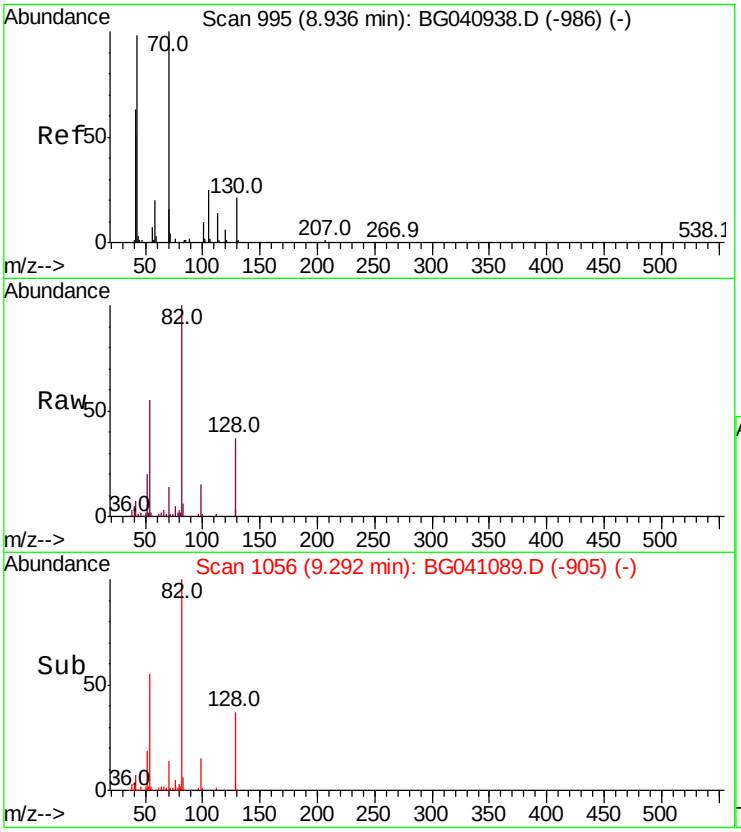


#7
Phenol-d6
Concen: 71.749 ng
RT: 7.26 min Scan# 711
Delta R.T. -0.00 min
Lab File: BG041089.D
Acq: 6 Jun 2019 13:41

Tgt Ion: 99 Resp: 286611

Ion	Ratio	Lower	Upper
99	100		
42	21.5	17.9	26.9
71	43.2	35.4	53.0



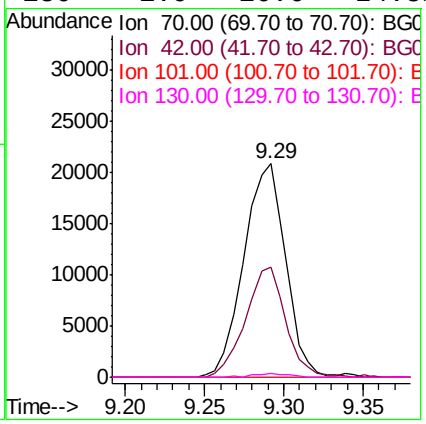


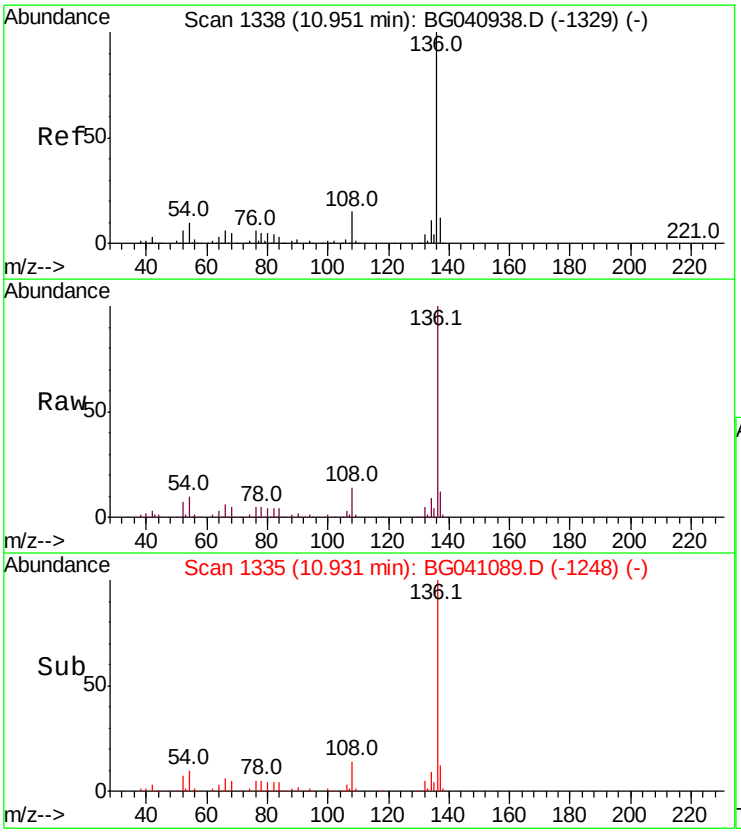
#19
n-Nitroso-di-n-propylamine
Concen: 12.408 ng
RT: 9.29 min Scan# 1056
Delta R.T. 0.36 min
Lab File: BG041089.D
Acq: 6 Jun 2019 13:41

Instrument :
BNA_G
ClientSampleId :
NB-CONCRETE-1

Tgt Ion: 70 Resp: 38143

Ion	Ratio	Lower	Upper
70	100		
42	51.4	51.5	77.3#
101	0.0	8.1	12.1#
130	1.9	16.6	24.8#

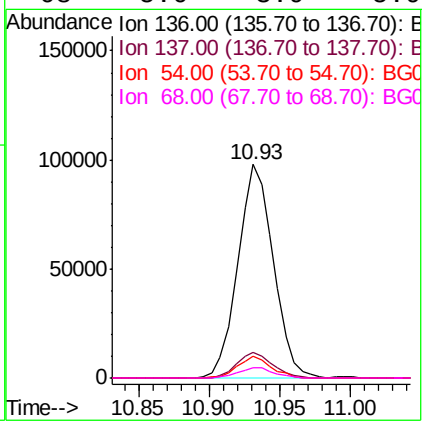


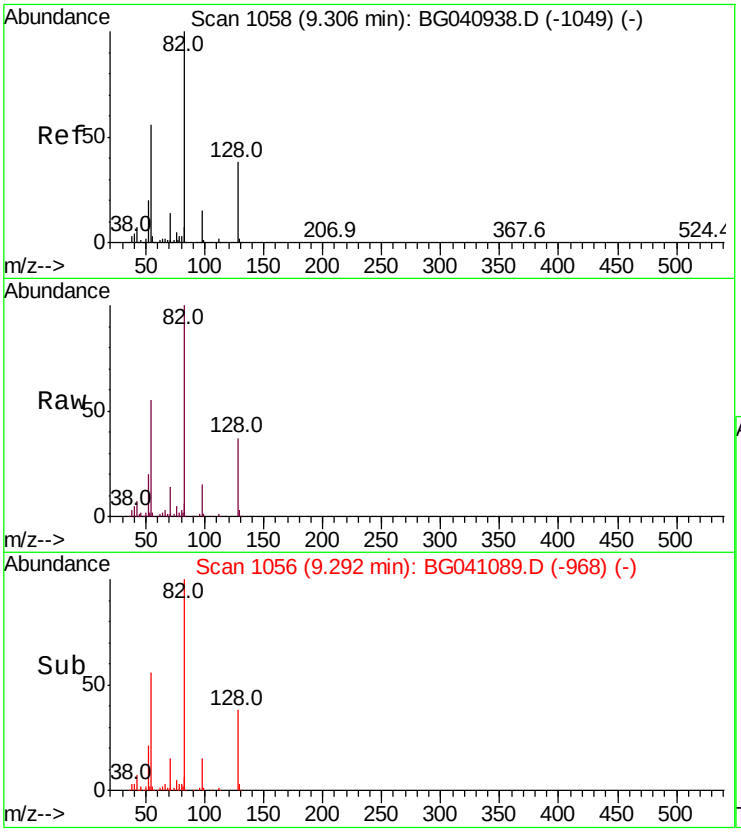


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BG041089.D
Acq: 6 Jun 2019 13:41

Tgt Ion:136 Resp: 171870

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.5	14.3
54	10.1	7.6	11.4
68	5.0	3.9	5.9



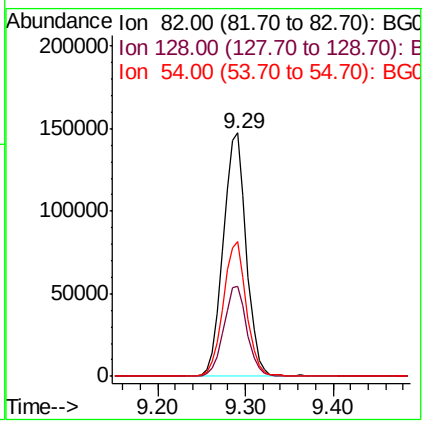


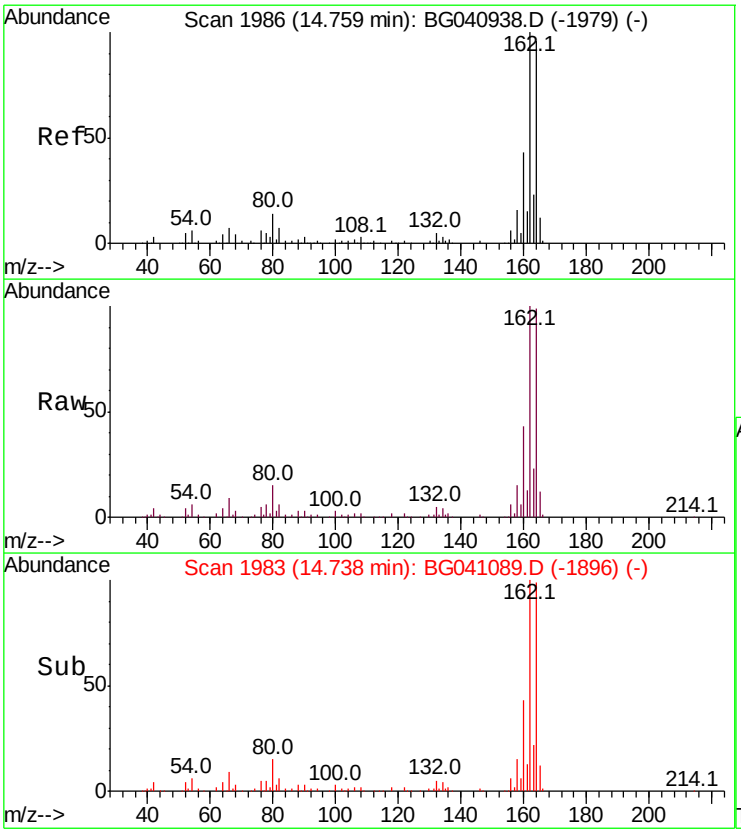
#23
Nitrobenzene-d5
Concen: 68.710 ng
RT: 9.29 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BG041089.D
Acq: 6 Jun 2019 13:41

Instrument :
BNA_G
ClientSampleId :
NB-CONCRETE-1

Tgt Ion: 82 Resp: 266009

Ion	Ratio	Lower	Upper
82	100		
128	36.9	30.5	45.7
54	55.1	44.6	66.8

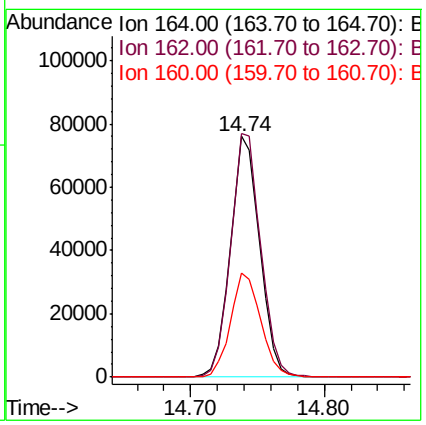


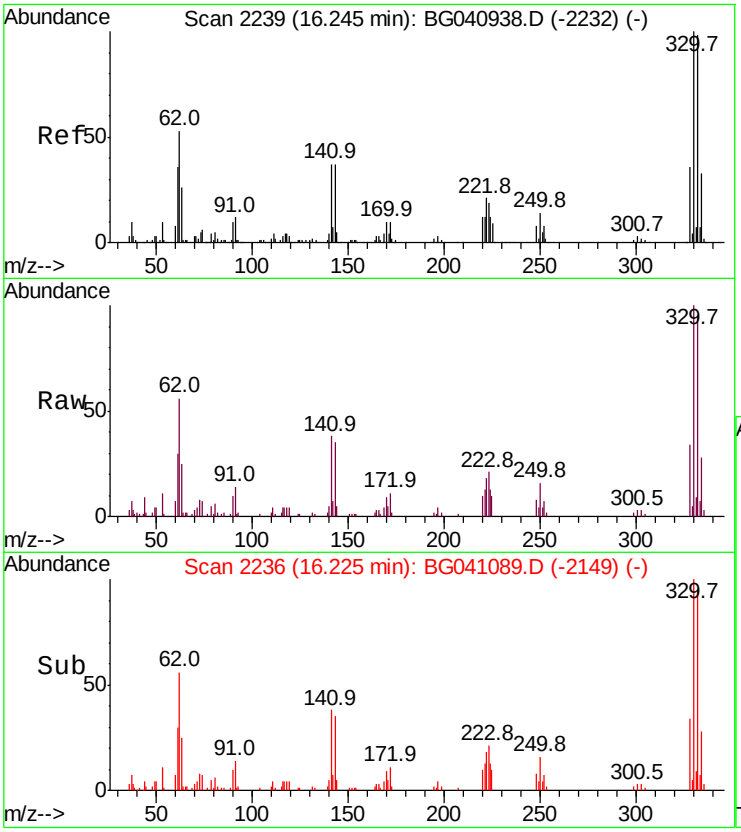


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.02 min
Lab File: BG041089.D
Acq: 6 Jun 2019 13:41

Tgt Ion:164 Resp: 116207

Ion	Ratio	Lower	Upper
164	100		
162	101.3	83.0	124.4
160	43.3	35.6	53.4



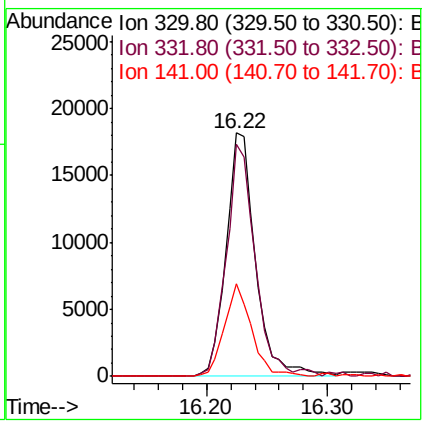


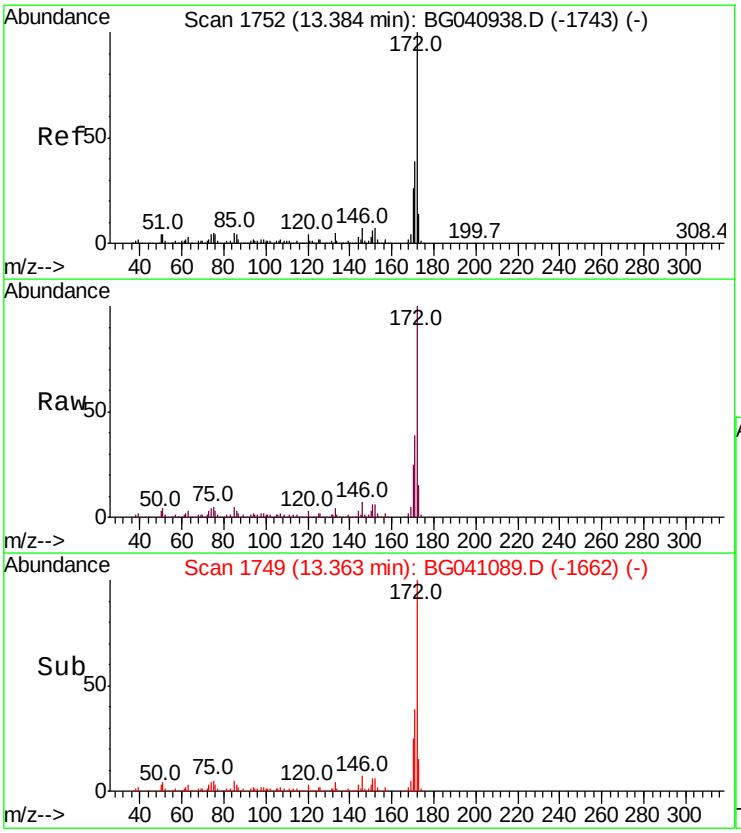
#42
2,4,6-Tribromophenol
Concen: 17.819 ng
RT: 16.22 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BG041089.D
Acq: 6 Jun 2019 13:41

Instrument :
BNA_G
ClientSampleId :
NB-CONCRETE-1

Tgt Ion:330 Resp: 30741

Ion	Ratio	Lower	Upper
330	100		
332	92.3	78.5	117.7
141	35.2	28.7	43.1

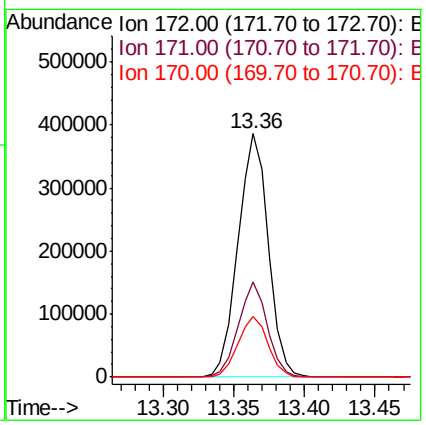


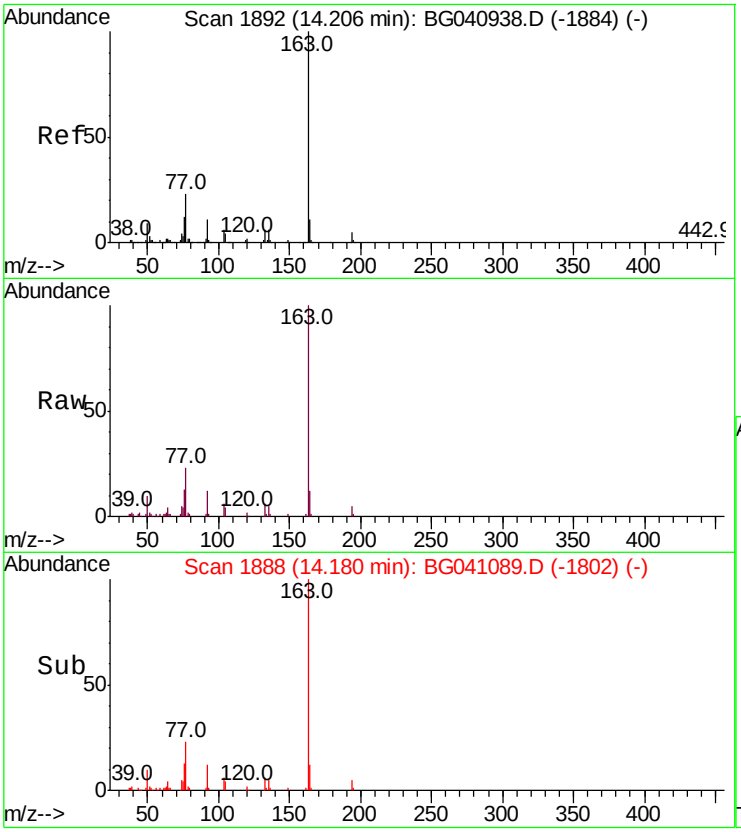


#45
2-Fluorobiphenyl
Concen: 71.582 ng
RT: 13.36 min Scan# 1749
Delta R.T. -0.02 min
Lab File: BG041089.D
Acq: 6 Jun 2019 13:41

Tgt Ion:172 Resp: 577620

Ion	Ratio	Lower	Upper
172	100		
171	38.9	31.1	46.7
170	24.8	20.5	30.7



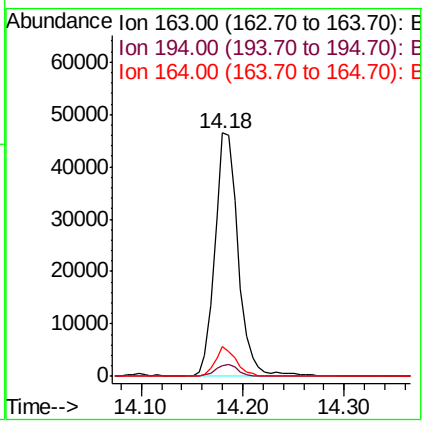


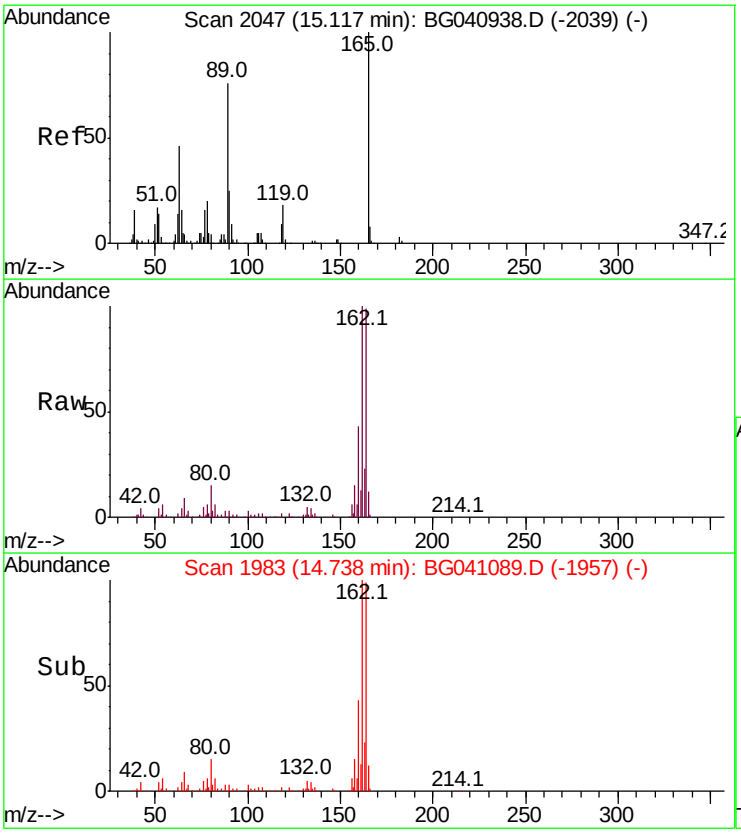
#50
Dimethylphthalate
Concen: 7.521 ng
RT: 14.18 min Scan# 1888
Delta R.T. -0.03 min
Lab File: BG041089.D
Acq: 6 Jun 2019 13:41

Instrument :
BNA_G
ClientSampleId :
NB-CONCRETE-1

Tgt Ion:163 Resp: 73988

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.8	5.8
164	12.5	8.7	13.1

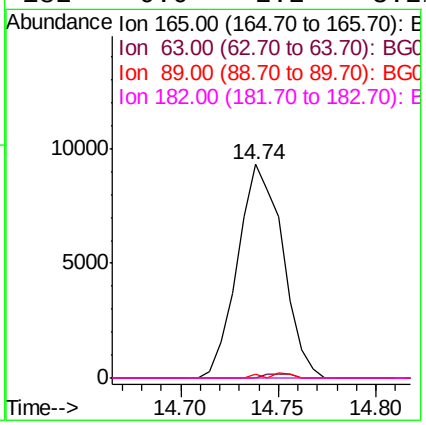


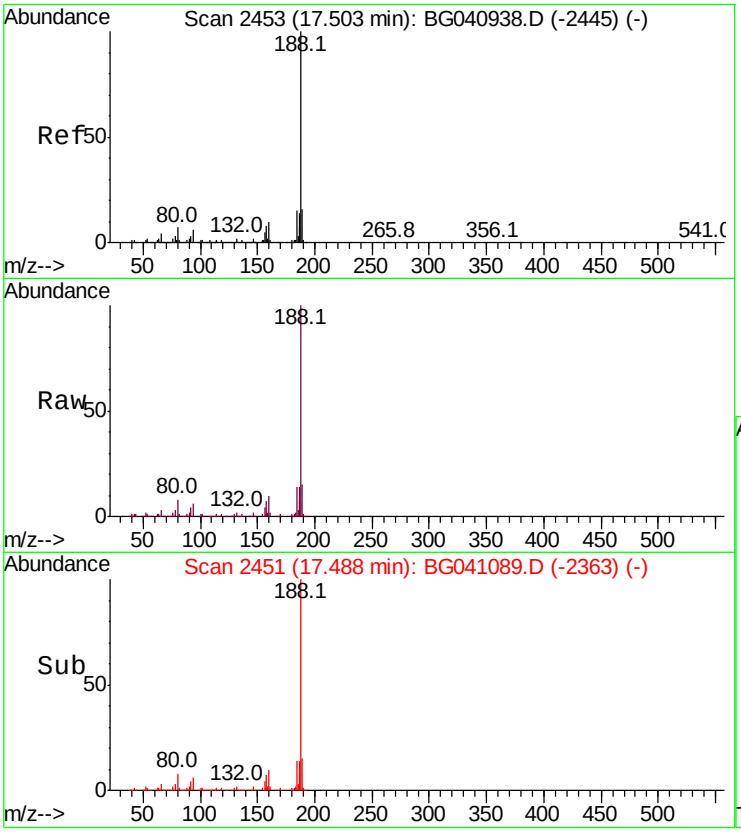


#57
2,4-Dinitrotoluene
Concen: 4.954 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.38 min
Lab File: BG041089.D
Acq: 6 Jun 2019 13:41

Tgt Ion:165 Resp: 14843

Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.3	55.9#
89	1.9	61.0	91.6#
182	0.0	2.2	3.2#



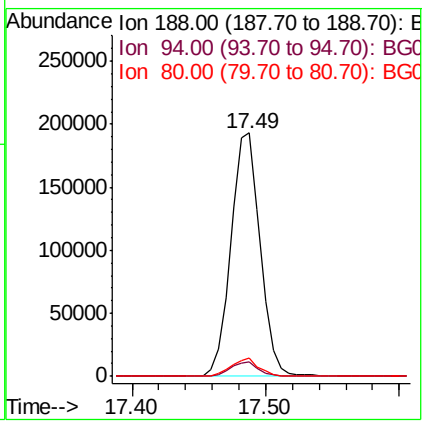


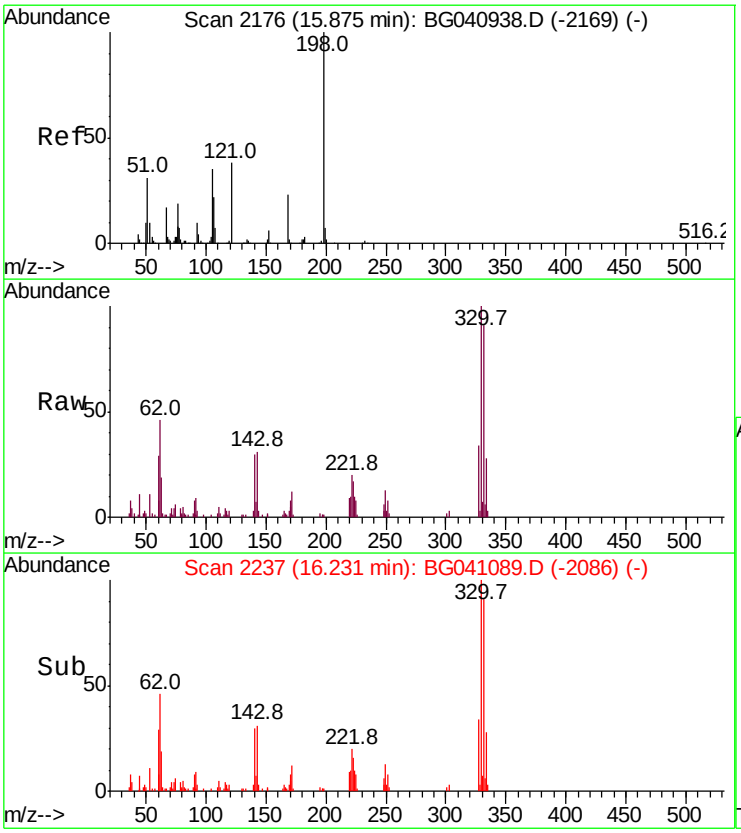
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.01 min
Lab File: BG041089.D
Acq: 6 Jun 2019 13:41

Instrument :
BNA_G
ClientSampleId :
NB-CONCRETE-1

Tgt Ion:188 Resp: 293738

Ion	Ratio	Lower	Upper
188	100		
94	5.7	4.7	7.1
80	7.6	5.8	8.8

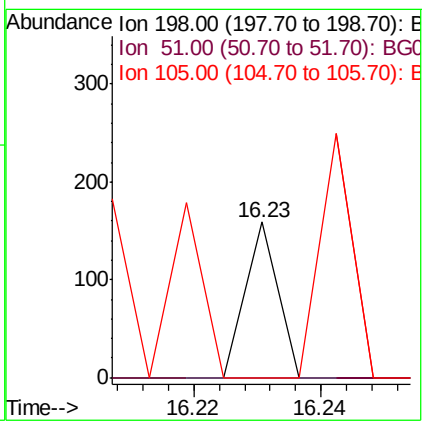


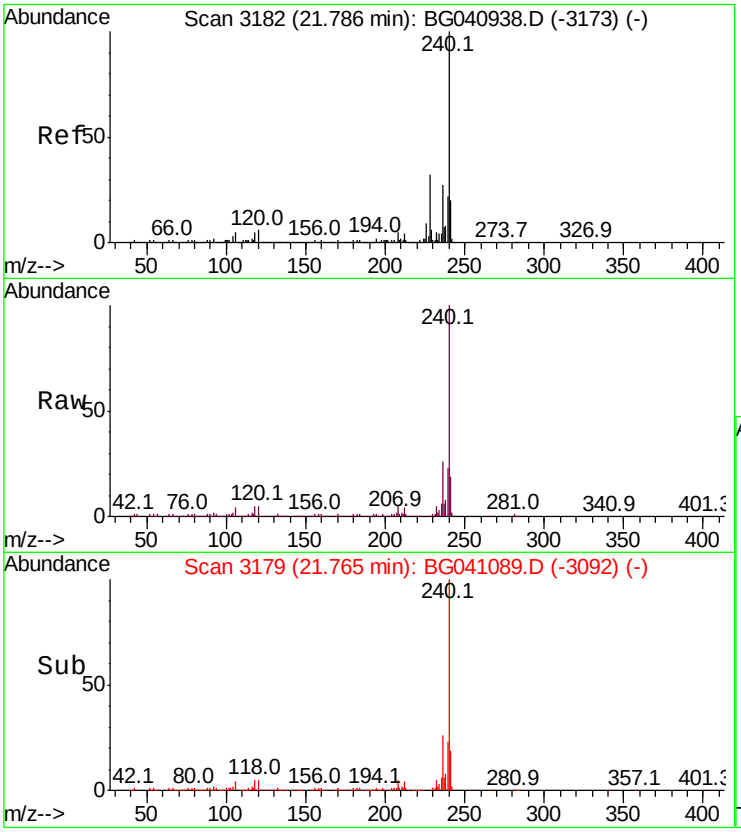


#65
4,6-Dinitro-2-methylphenol
Concen: 8.619 ng
RT: 16.23 min Scan# 2237
Delta R.T. 0.36 min
Lab File: BG041089.D
Acq: 6 Jun 2019 13:41

Tgt Ion:198 Resp: 56

Ion	Ratio	Lower	Upper
198	100		
51	0.0	21.6	61.6#
105	0.0	17.5	57.5#



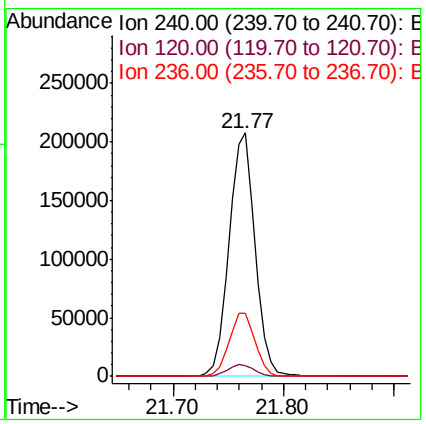


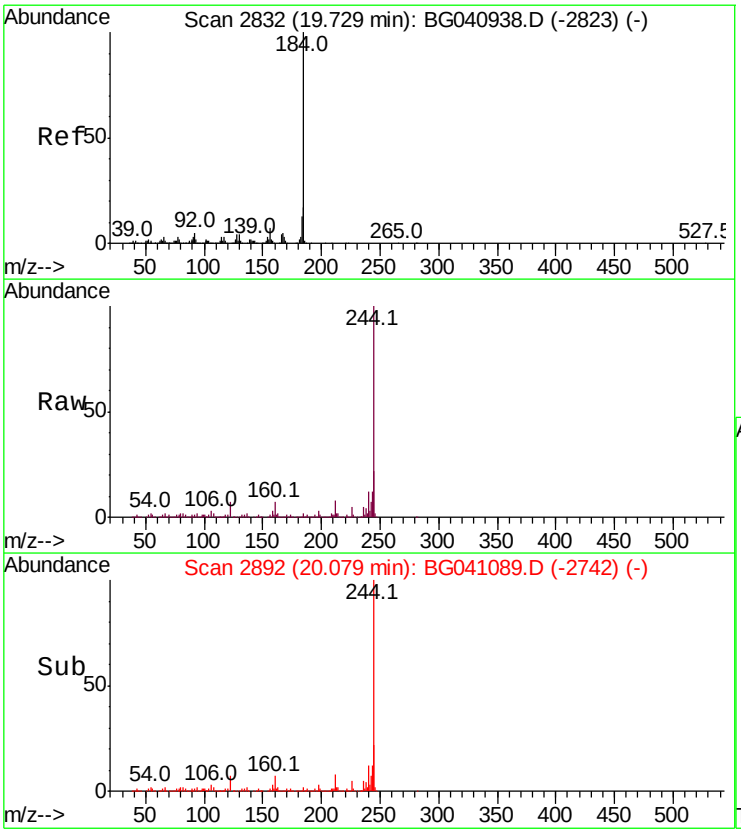
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3179
Delta R.T. -0.02 min
Lab File: BG041089.D
Acq: 6 Jun 2019 13:41

Instrument :
BNA_G
ClientSampleId :
NB-CONCRETE-1

Tgt Ion:240 Resp: 342686

Ion	Ratio	Lower	Upper
240	100		
120	4.6	4.5	6.7
236	25.9	21.3	31.9

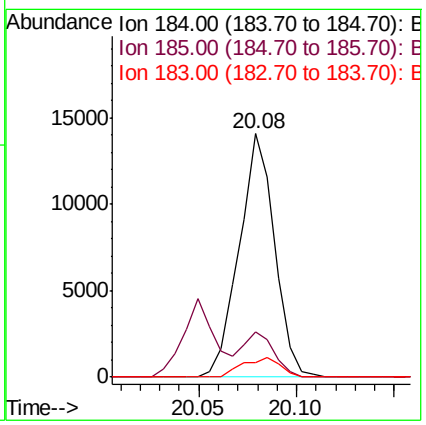


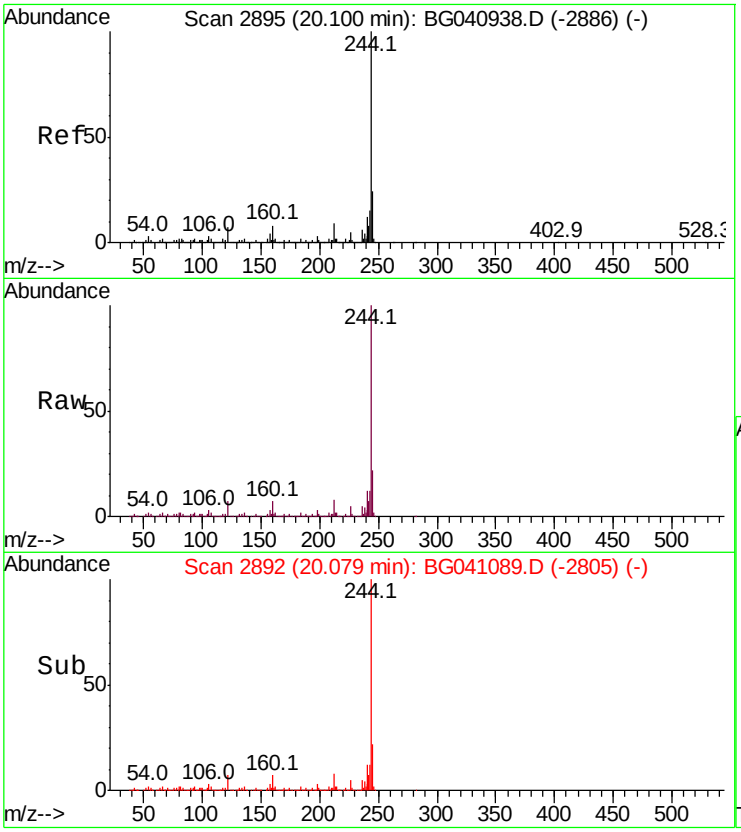


#77
Benzidine
Concen: 2.162 ng
RT: 20.08 min Scan# 2892
Delta R.T. 0.35 min
Lab File: BG041089.D
Acq: 6 Jun 2019 13:41

Tgt Ion:184 Resp: 17671

Ion	Ratio	Lower	Upper
184	100		
185	18.4	13.3	19.9
183	6.0	10.7	16.1#



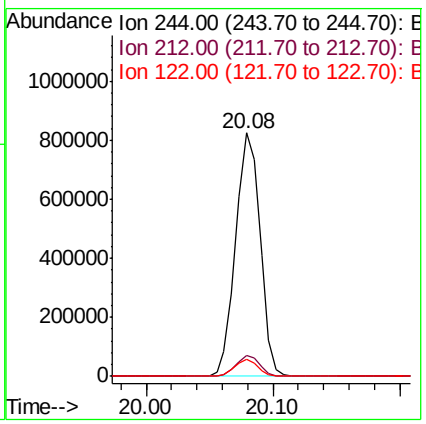


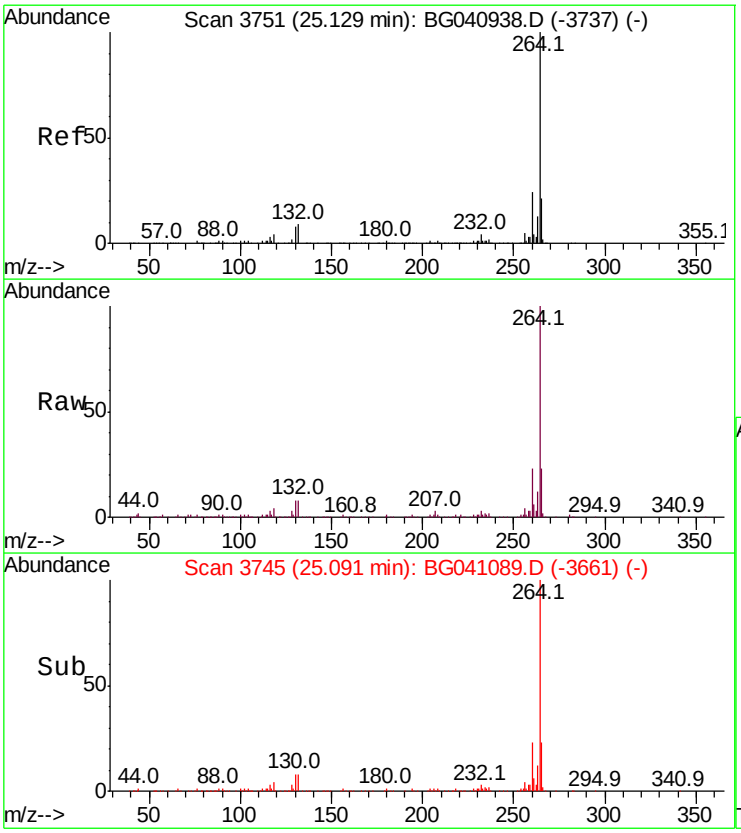
#79
Terphenyl-d14
Concen: 68.170 ng
RT: 20.08 min Scan# 2892
Delta R.T. -0.02 min
Lab File: BG041089.D
Acq: 6 Jun 2019 13:41

Instrument :
BNA_G
ClientSampleId :
NB-CONCRETE-1

Tgt Ion:244 Resp: 1100718

Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.0	10.4
122	6.8	5.4	8.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3745
Delta R.T. -0.04 min
Lab File: BG041089.D
Acq: 6 Jun 2019 13:41

Tgt Ion:264 Resp: 372625

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.4
265	22.7	17.0	25.4