Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050219\
Data File : BG040719.D
Acq On : 2 May 2019 22:48
Operator : JU/SJ
Sample : K2654-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-STONES

Quant Time: May 03 04:25:00 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	8.15	152	42909	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	170301	20.00	ng	-0.01
39) Acenaphthene-d10	14.77	164	130916	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	378866	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	388459	20.00	ng	-0.02
87) Perylene-d12	25.16	264	407192	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	371207	152.50	ng	0.00
7) Phenol-d6	7.28	99	503917	134.45	ng	-0.01
23) Nitrobenzene-d5	9.32	82	430920	116.92	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	352504	195.89	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	912931	100.71	ng	-0.02
79) Terphenyl-d14	20.11	244	1874169	106.89	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	7.28	77	1394	Below Cal	#	42
19) n-Nitroso-di-n-propylamine	9.32	70	61705	18.289	ng	# 73
51) 2,6-Dinitrotoluene	14.77	165	17196	8.044	ng	# 13
54) 2,4-Dinitrophenol	14.76	184	59	7.059	ng	# 1
57) 2,4-Dinitrotoluene	14.77	165	17196	5.920	ng	# 16
65) 4,6-Dinitro-2-methylphenol	15.84	198	63	7.130	ng	# 36
67) 4-Bromophenyl-phenylether	16.26	248	26208	5.552	ng	# 1
77) Benzidine	20.11	184	37960	3.569	ng	# 97

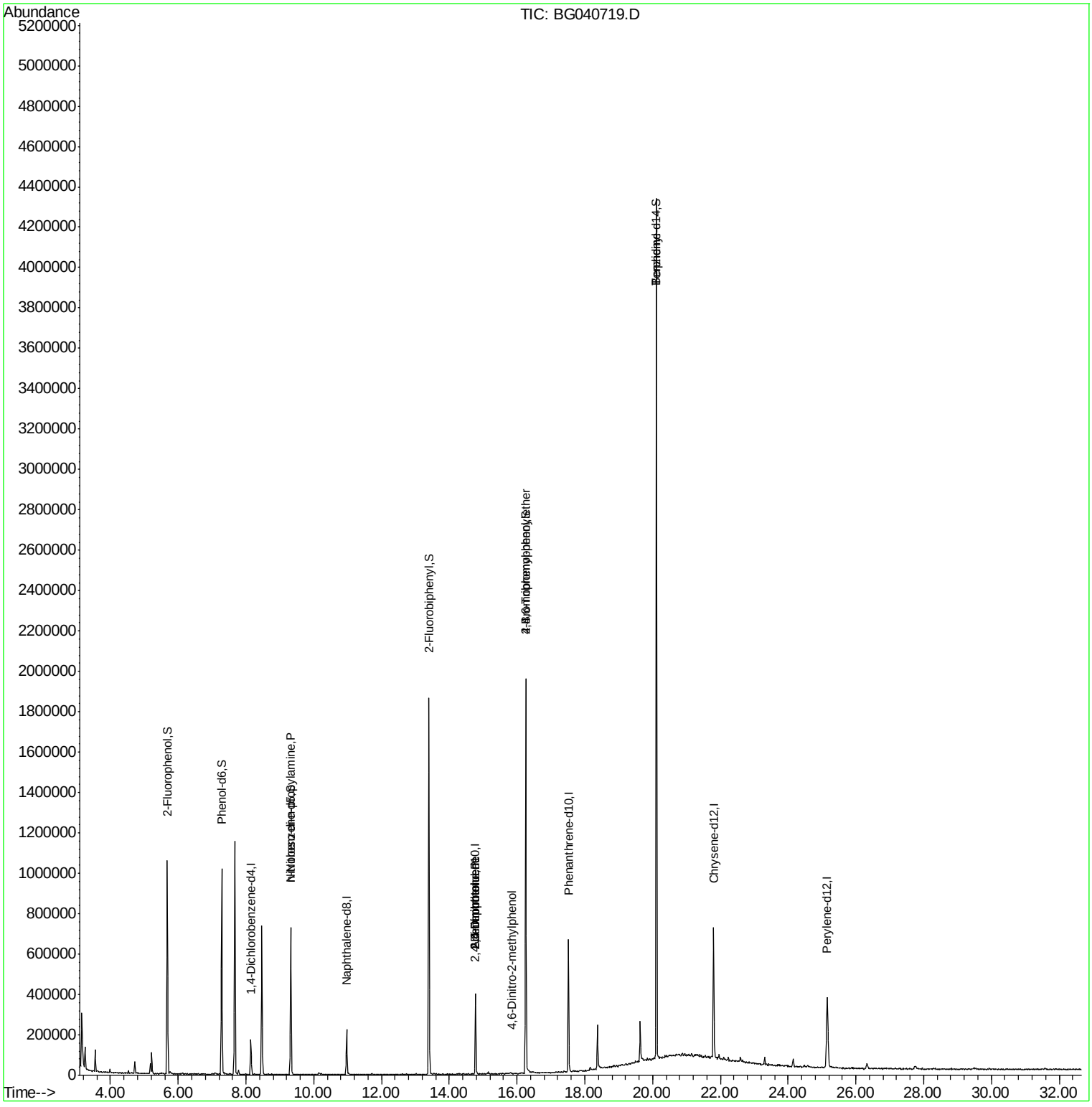
(#) = qualifier out of range (m) = manual integration (+) = signals summed

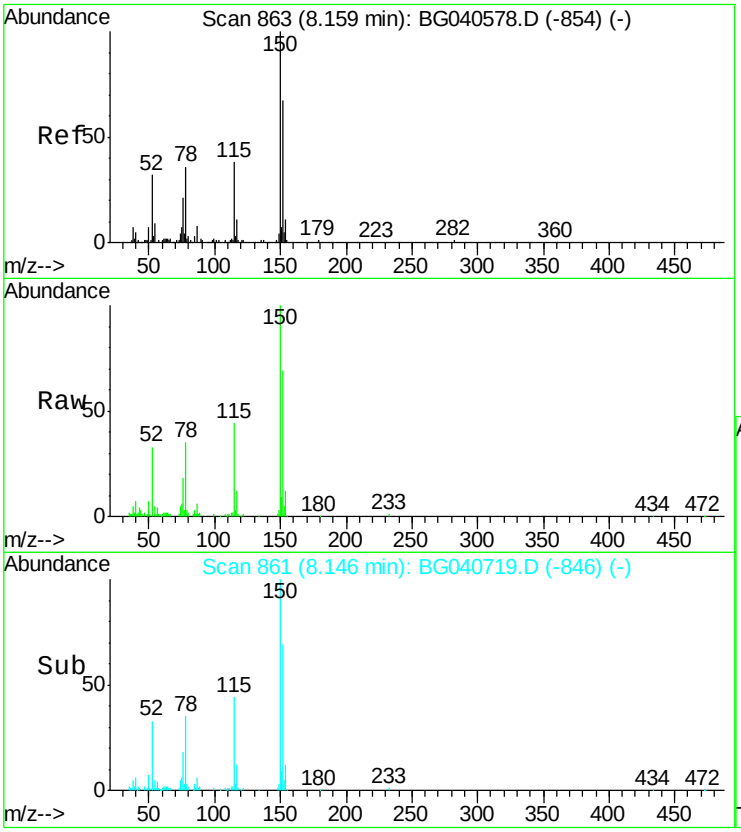
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050219\
Data File : BG040719.D
Acq On : 2 May 2019 22:48
Operator : JU/SJ
Sample : K2654-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OILY-STONES

Quant Time: May 03 04:25:00 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



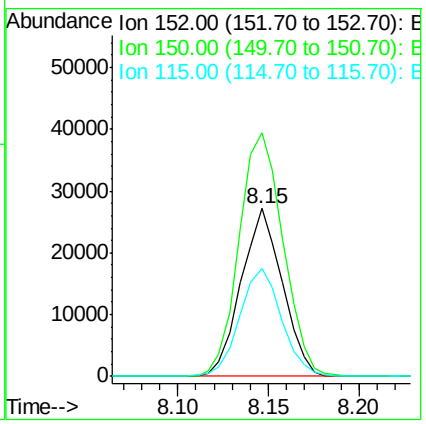


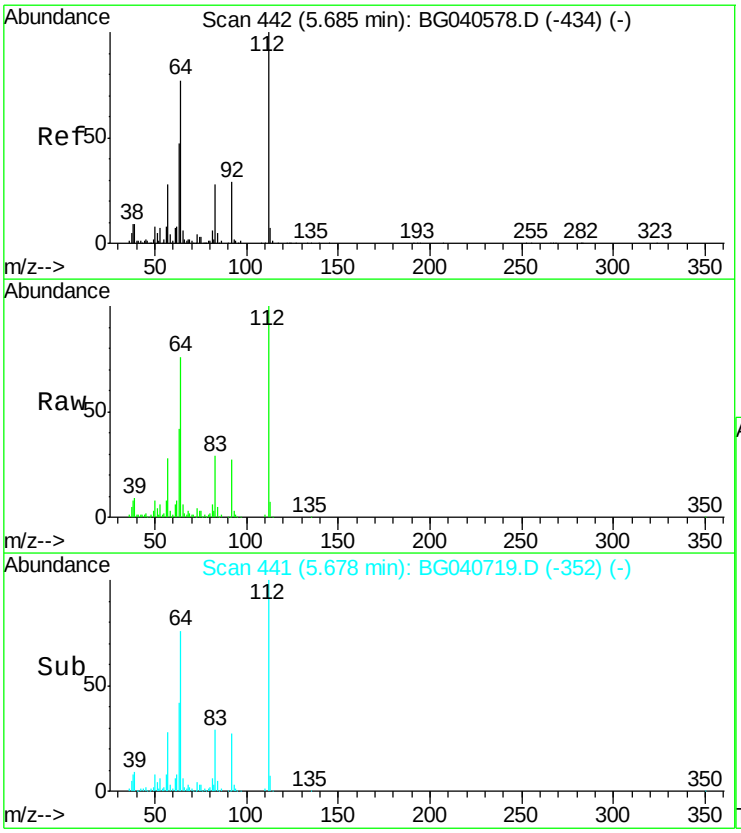
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BG040719.D
Acq: 2 May 2019 22:48

Instrument :
BNA_G
ClientSampleId :
OILY-STONES

Tgt Ion:152 Resp: 42909

Ion	Ratio	Lower	Upper
152	100		
150	145.1	120.2	180.2
115	64.3	46.2	69.2

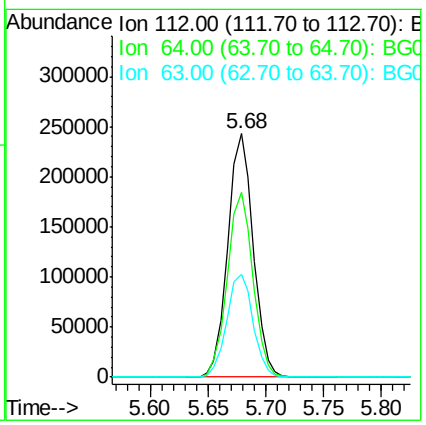


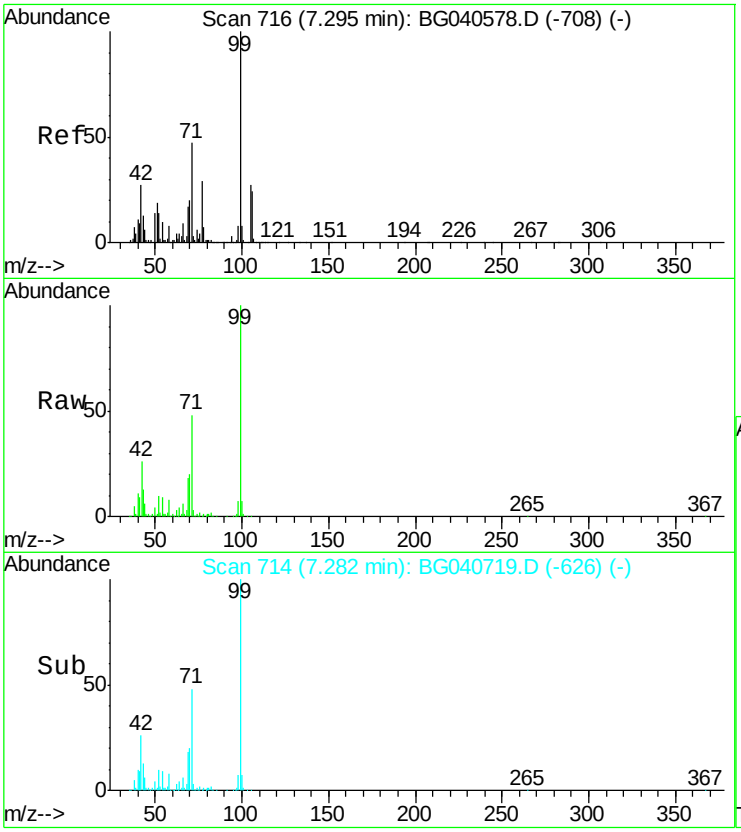


#5
2-Fluorophenol
Concen: 152.497 ng
RT: 5.68 min Scan# 441
Delta R.T. -0.01 min
Lab File: BG040719.D
Acq: 2 May 2019 22:48

Tgt Ion:112 Resp: 371207

Ion	Ratio	Lower	Upper
112	100		
64	75.9	61.4	92.0
63	42.4	37.8	56.6



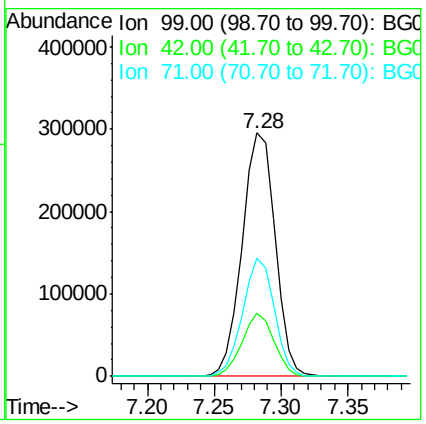


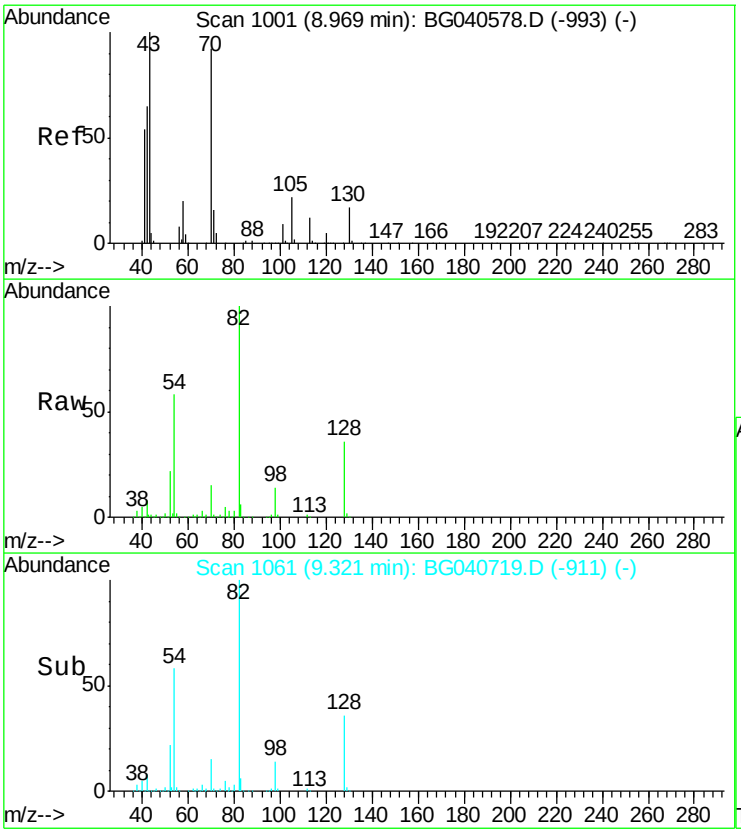
#7
Phenol-d6
Concen: 134.451 ng
RT: 7.28 min Scan# 714
Delta R.T. -0.01 min
Lab File: BG040719.D
Acq: 2 May 2019 22:48

Instrument :
BNA_G
ClientSampleId :
OILY-STONES

Tgt Ion: 99 Resp: 503917

Ion	Ratio	Lower	Upper
99	100		
42	25.8	21.8	32.8
71	48.4	38.6	57.8

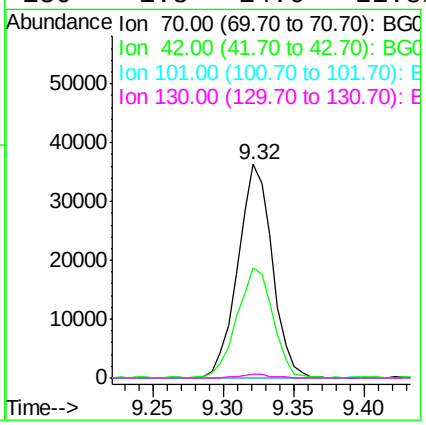


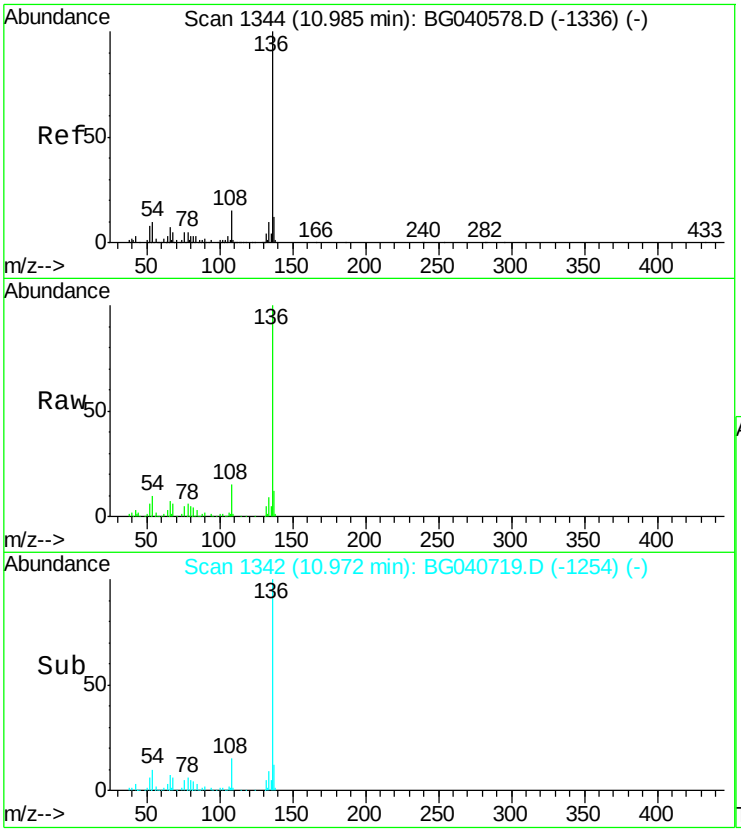


#19
n-Nitroso-di-n-propylamine
Concen: 18.289 ng
RT: 9.32 min Scan# 1061
Delta R.T. 0.35 min
Lab File: BG040719.D
Acq: 2 May 2019 22:48

Tgt Ion: 70 Resp: 61705

Ion	Ratio	Lower	Upper
70	100		
42	51.3	57.1	85.7#
101	0.0	7.8	11.8#
130	1.8	14.6	21.8#



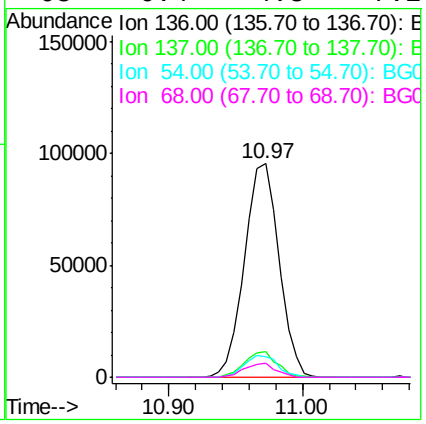


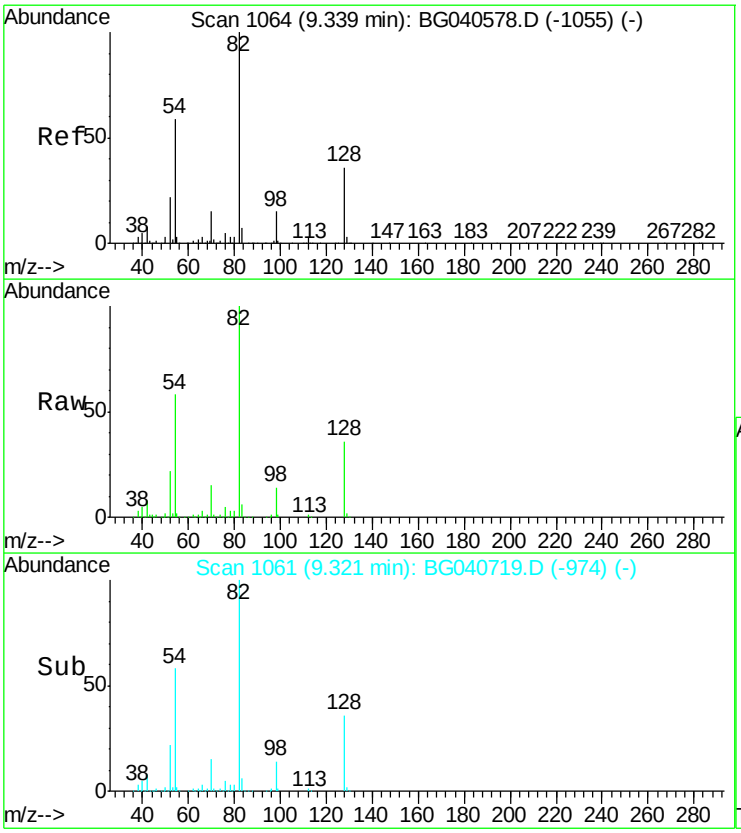
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BG040719.D
Acq: 2 May 2019 22:48

Instrument :
BNA_G
ClientSampleId :
OILY-STONES

Tgt Ion:136 Resp: 170301

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.7	14.5
54	9.5	8.6	12.8
68	6.4	4.8	7.2

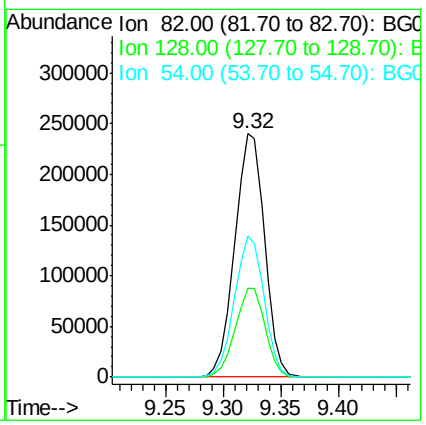


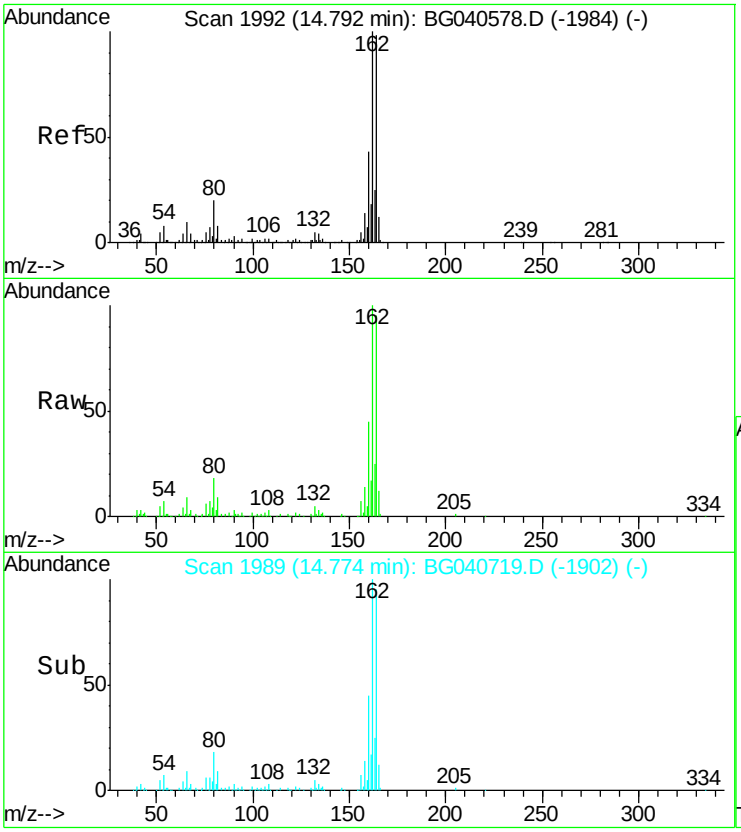


#23
Nitrobenzene-d5
Concen: 116.918 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040719.D
Acq: 2 May 2019 22:48

Tgt Ion: 82 Resp: 430920

Ion	Ratio	Lower	Upper
82	100		
128	36.5	28.9	43.3
54	57.8	47.2	70.8



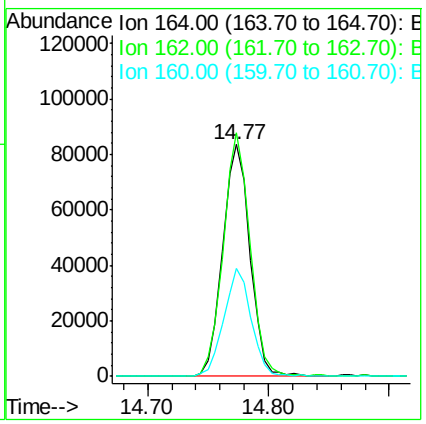


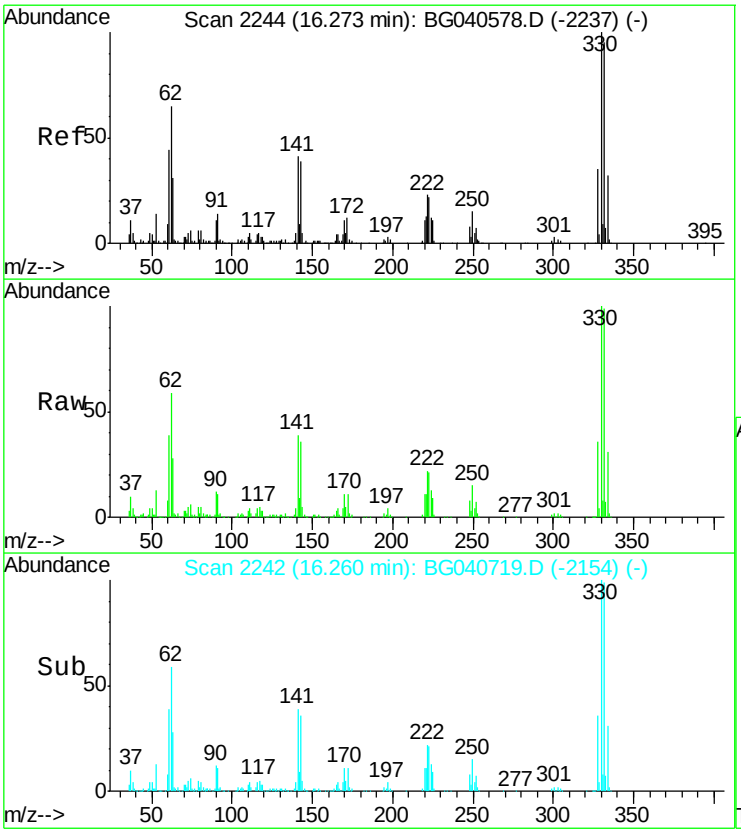
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BG040719.D
Acq: 2 May 2019 22:48

Instrument :
BNA_G
ClientSampleId :
OILY-STONES

Tgt Ion:164 Resp: 130916

Ion	Ratio	Lower	Upper
164	100		
162	105.0	81.9	122.9
160	46.8	35.4	53.2

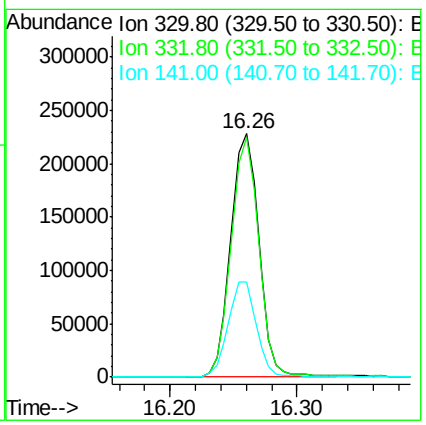


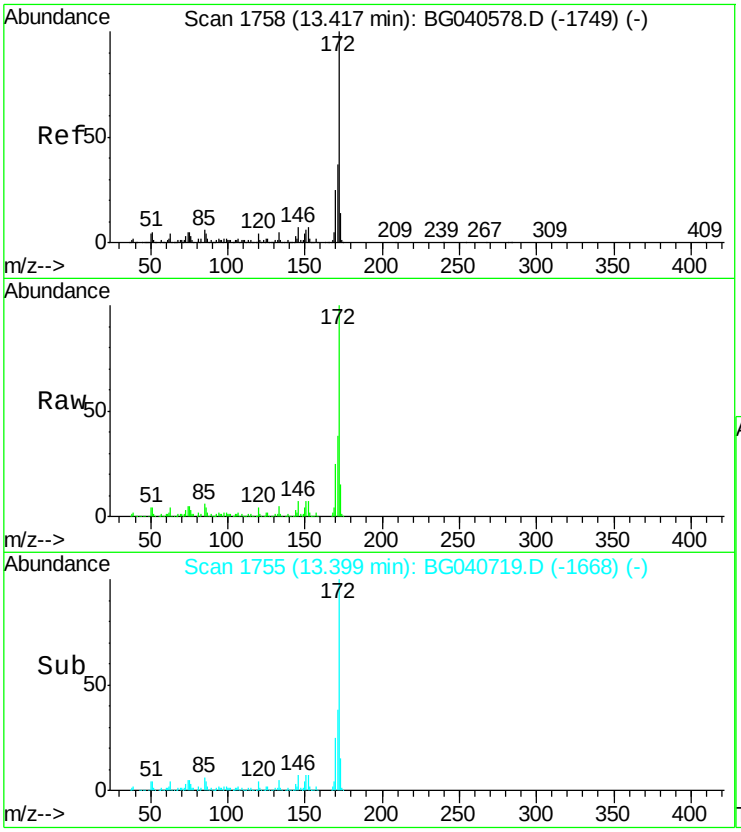


#42
2,4,6-Tribromophenol
Concen: 195.893 ng
RT: 16.26 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BG040719.D
Acq: 2 May 2019 22:48

Tgt Ion:330 Resp: 352504

Ion	Ratio	Lower	Upper
330	100		
332	96.1	75.9	113.9
141	39.1	32.4	48.6



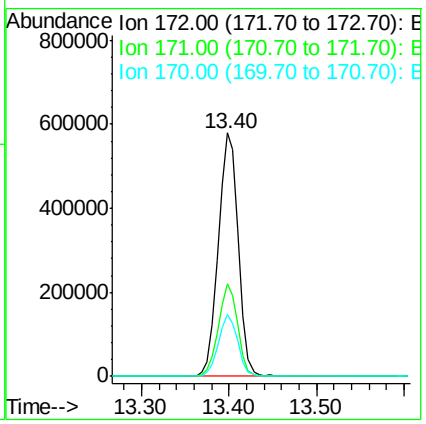


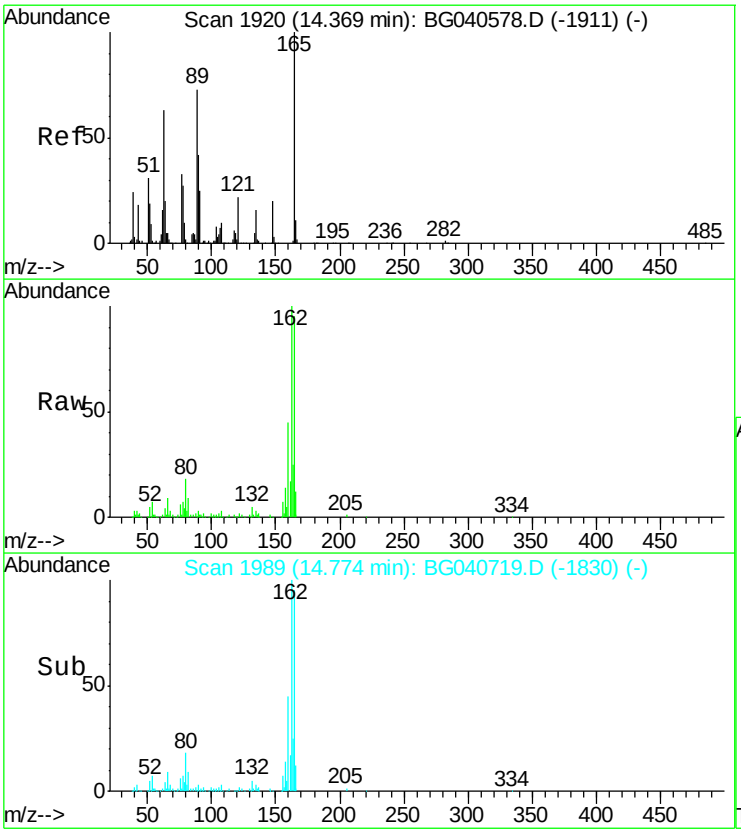
#45
2-Fluorobiphenyl
Concen: 100.710 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG040719.D
Acq: 2 May 2019 22:48

Instrument :
BNA_G
ClientSampleId :
OILY-STONES

Tgt Ion:172 Resp: 912931

Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.4	44.2
170	25.3	19.9	29.9

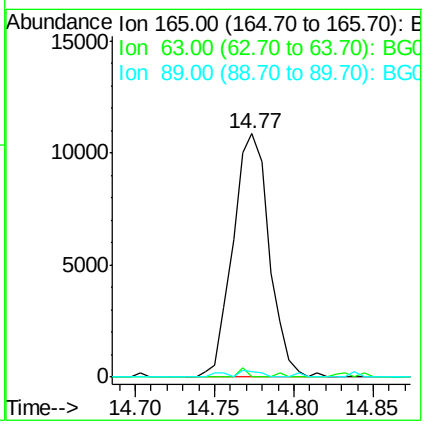


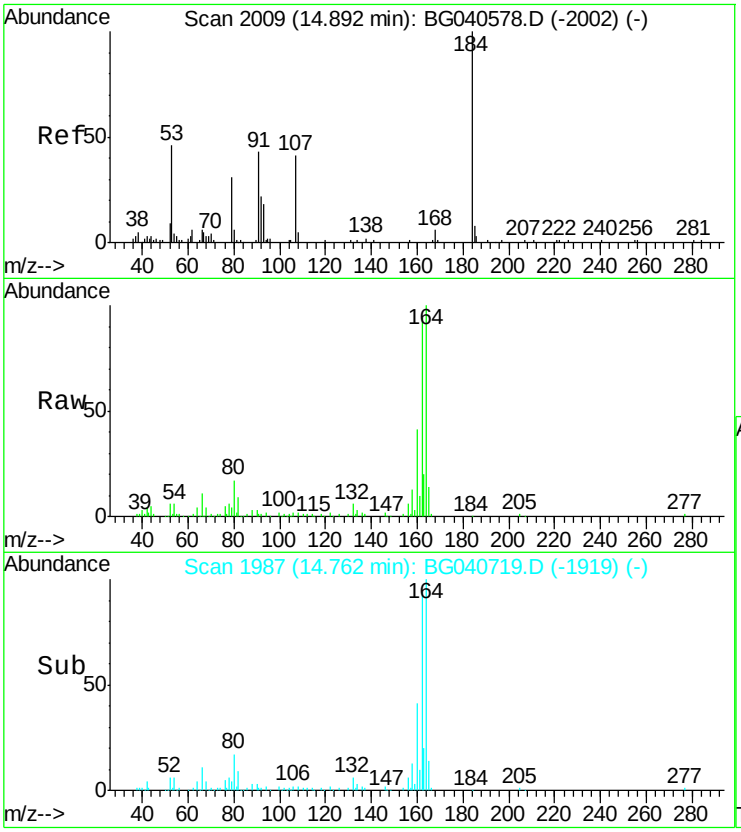


#51
2,6-Dinitrotoluene
Concen: 8.044 ng
RT: 14.77 min Scan# 1989
Delta R.T. 0.40 min
Lab File: BG040719.D
Acq: 2 May 2019 22:48

Tgt Ion:165 Resp: 17196

Ion	Ratio	Lower	Upper
165	100		
63	0.0	61.0	91.4#
89	2.3	58.6	87.8#



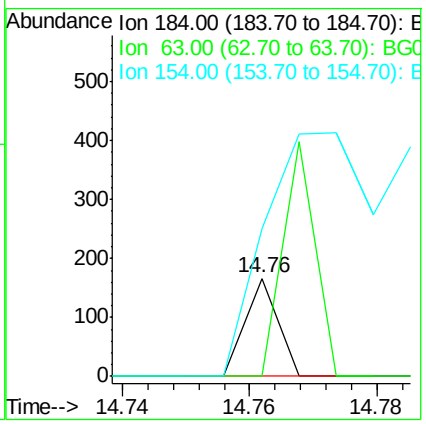


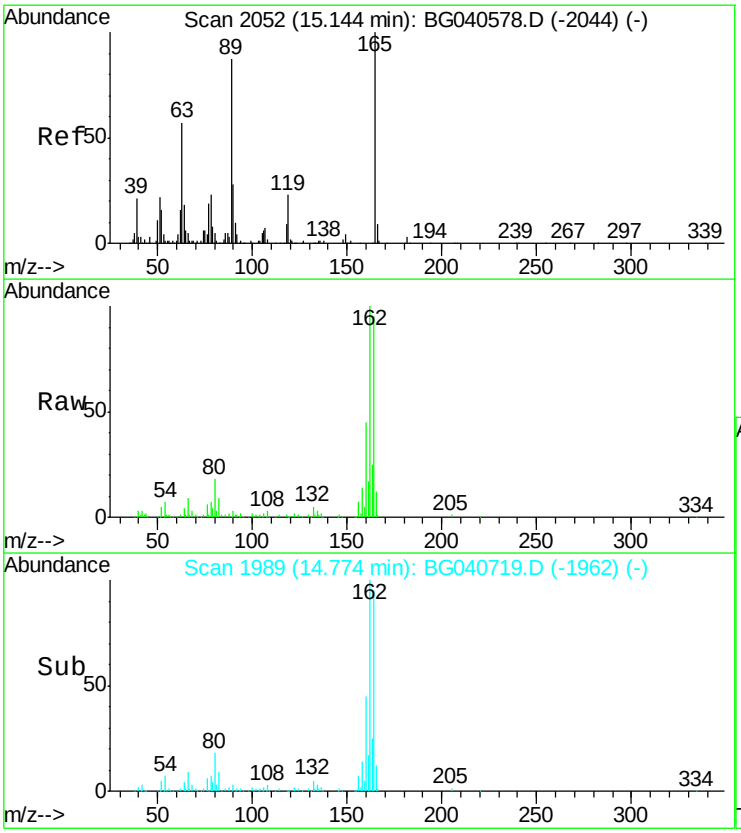
#54
2,4-Dinitrophenol
Concen: 7.059 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.13 min
Lab File: BG040719.D
Acq: 2 May 2019 22:48

Instrument :
BNA_G
ClientSampleId :
OILY-STONES

Tgt Ion:184 Resp: 59

Ion	Ratio	Lower	Upper
184	100		
63	0.0	51.8	77.6#
154	151.2	43.6	65.4#

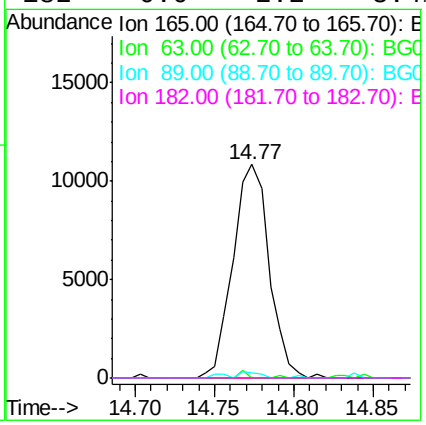


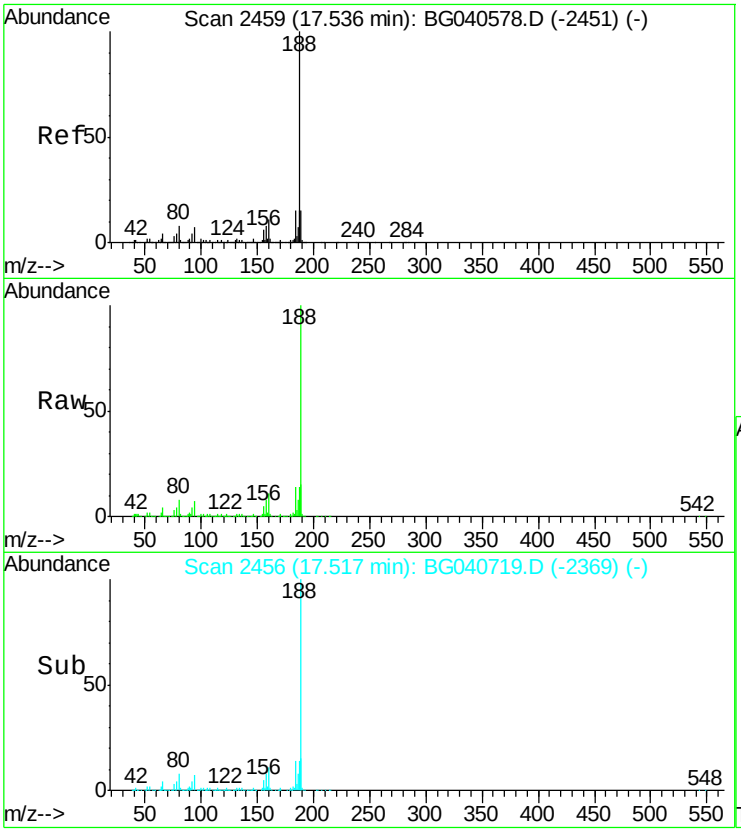


#57
2,4-Dinitrotoluene
Concen: 5.920 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.37 min
Lab File: BG040719.D
Acq: 2 May 2019 22:48

Tgt Ion:165 Resp: 17196

Ion	Ratio	Lower	Upper
165	100		
63	0.0	45.8	68.8#
89	2.3	69.4	104.2#
182	0.0	2.2	3.4#



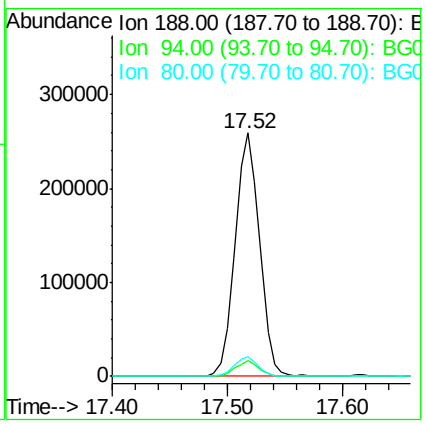


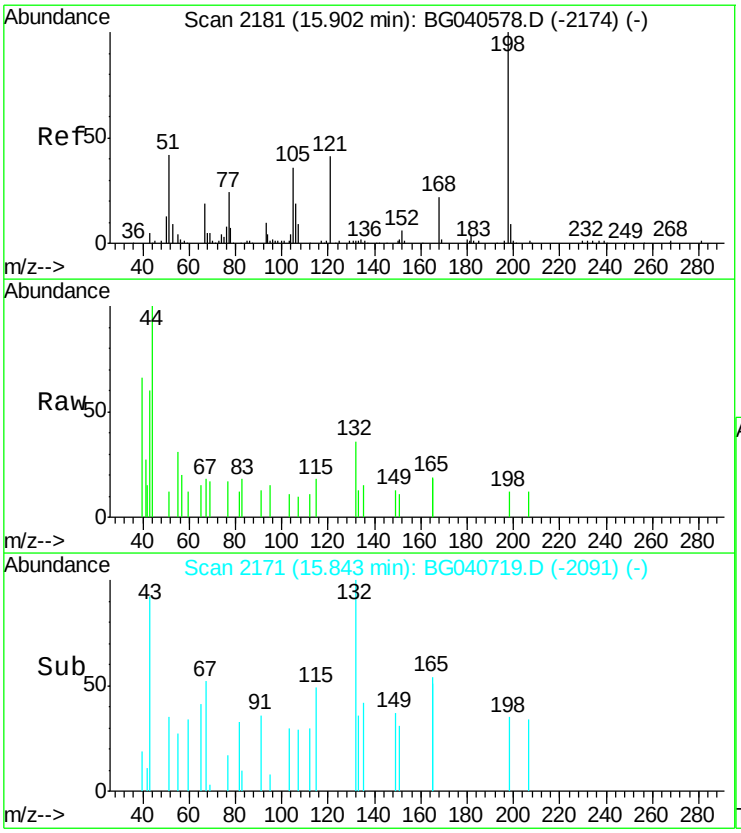
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG040719.D
Acq: 2 May 2019 22:48

Instrument :
BNA_G
ClientSampleId :
OILY-STONES

Tgt Ion:188 Resp: 378866

Ion	Ratio	Lower	Upper
188	100		
94	6.6	5.6	8.4
80	8.1	6.4	9.6

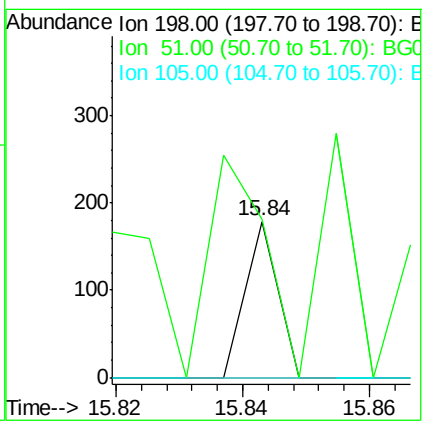


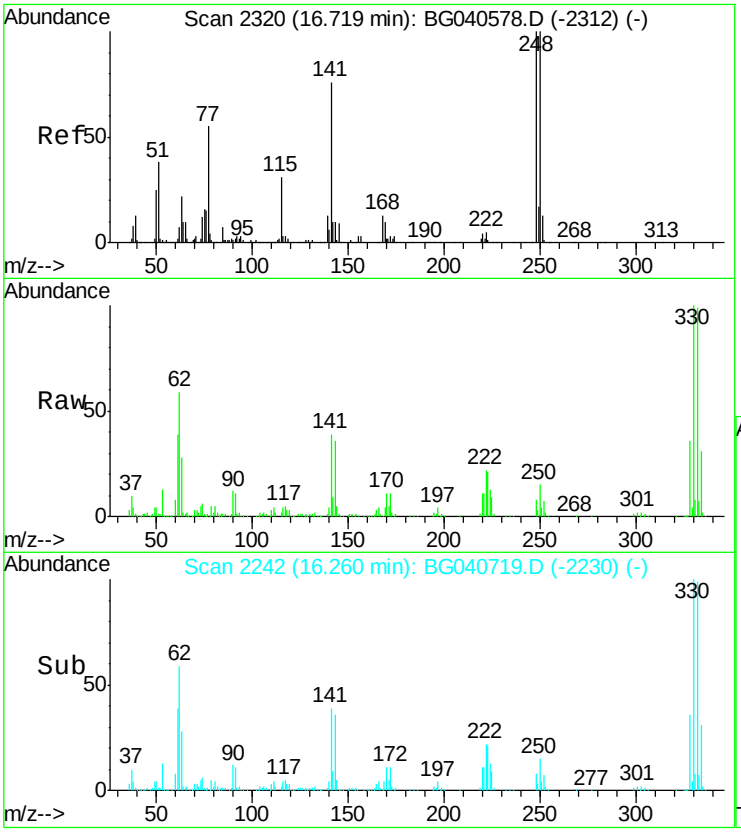


#65
4,6-Dinitro-2-methylphenol
Concen: 7.130 ng
RT: 15.84 min Scan# 2171
Delta R.T. -0.06 min
Lab File: BG040719.D
Acq: 2 May 2019 22:48

Tgt Ion:198 Resp: 63

Ion	Ratio	Lower	Upper
198	100		
51	101.1	35.9	75.9#
105	0.0	21.2	61.2#



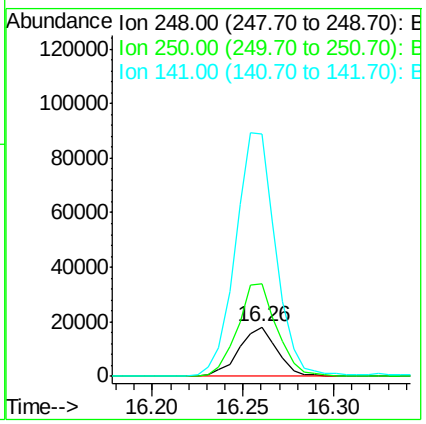


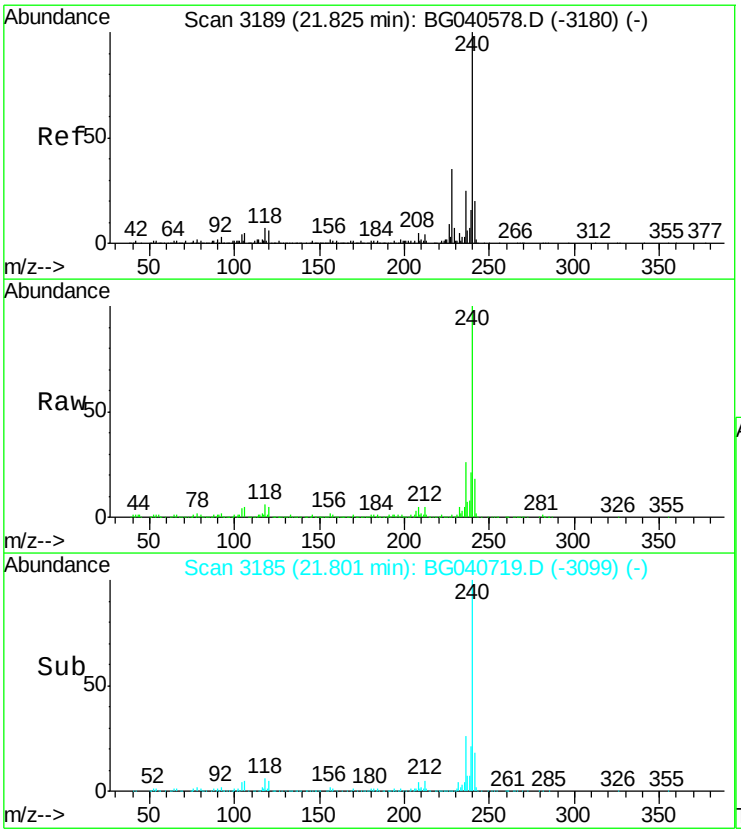
#67
4-Bromophenyl-phenylether
Concen: 5.552 ng
RT: 16.26 min Scan# 2242
Delta R.T. -0.46 min
Lab File: BG040719.D
Acq: 2 May 2019 22:48

Instrument :
BNA_G
ClientSampleId :
OILY-STONES

Tgt Ion:248 Resp: 26208

Ion	Ratio	Lower	Upper
248	100		
250	185.4	79.8	119.6#
141	489.0	60.8	91.2#

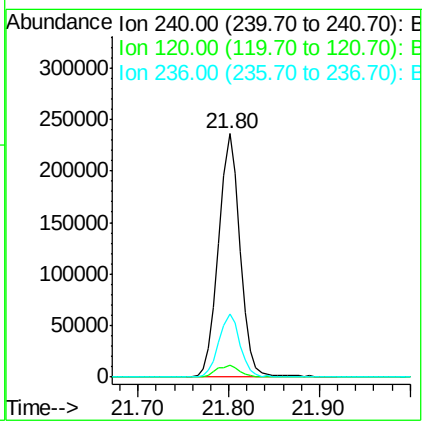


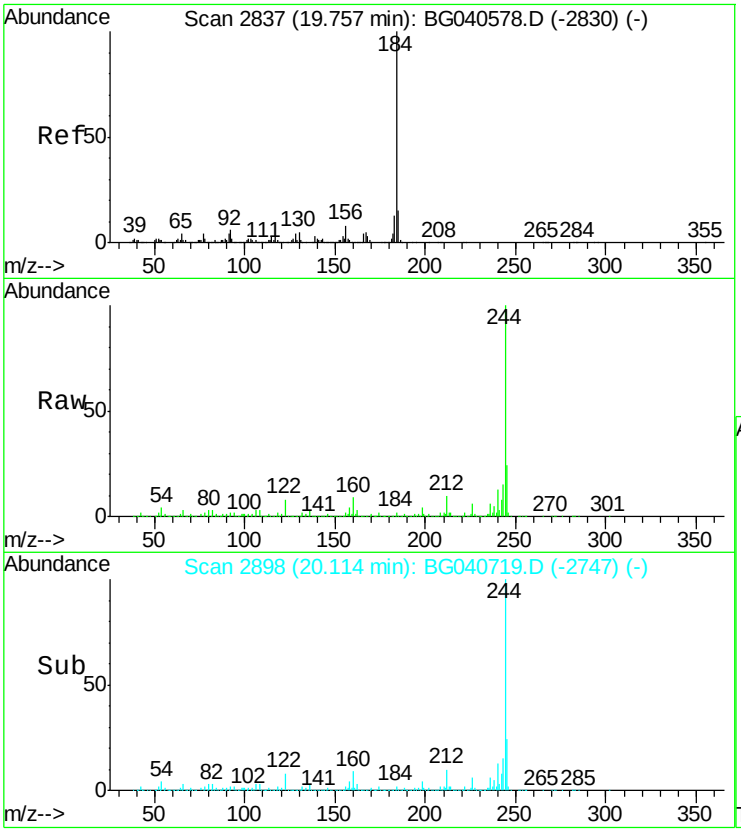


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.02 min
Lab File: BG040719.D
Acq: 2 May 2019 22:48

Tgt Ion:240 Resp: 388459

Ion	Ratio	Lower	Upper
240	100		
120	5.0	5.0	7.6#
236	26.0	20.3	30.5



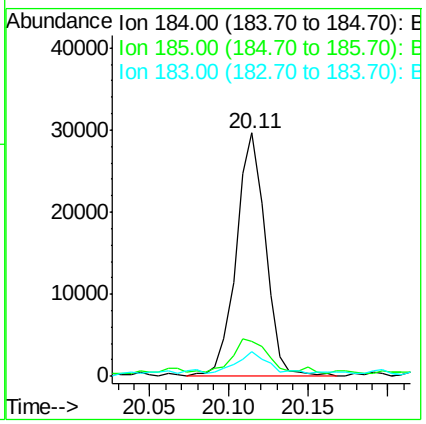


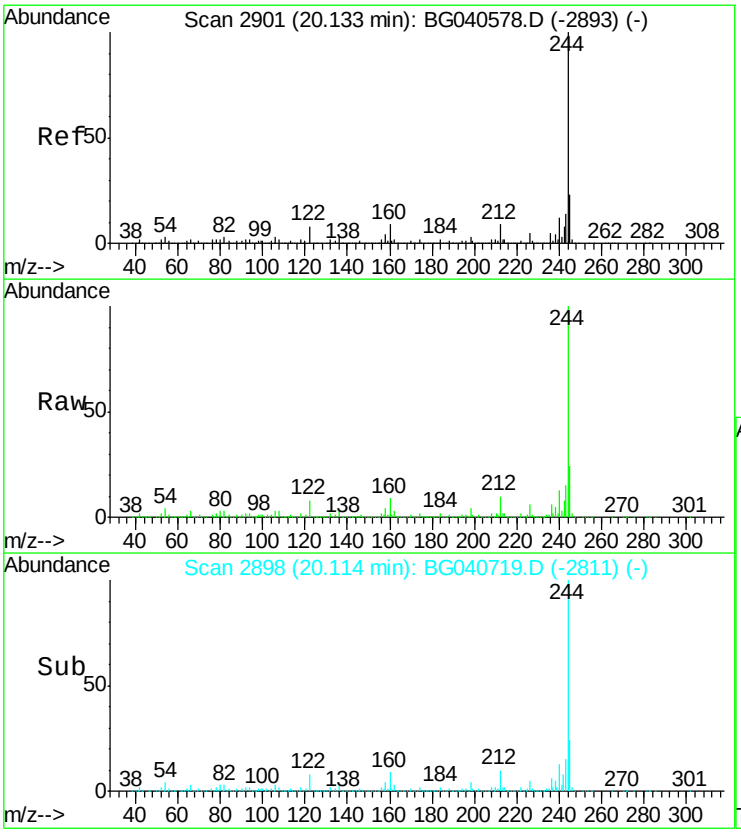
#77
Benzidine
Concen: 3.569 ng
RT: 20.11 min Scan# 2898
Delta R.T. 0.36 min
Lab File: BG040719.D
Acq: 2 May 2019 22:48

Instrument :
BNA_G
ClientSampleId :
OILY-STONES

Tgt Ion:184 Resp: 37960

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.8	17.8
183	10.0	10.2	15.2#

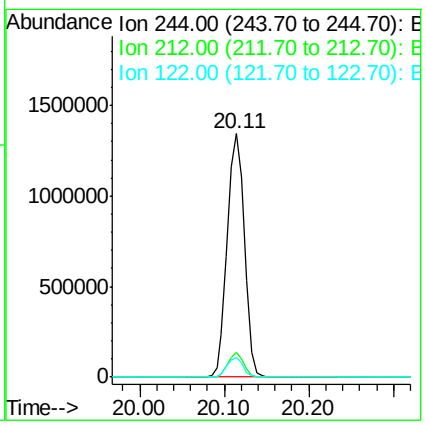


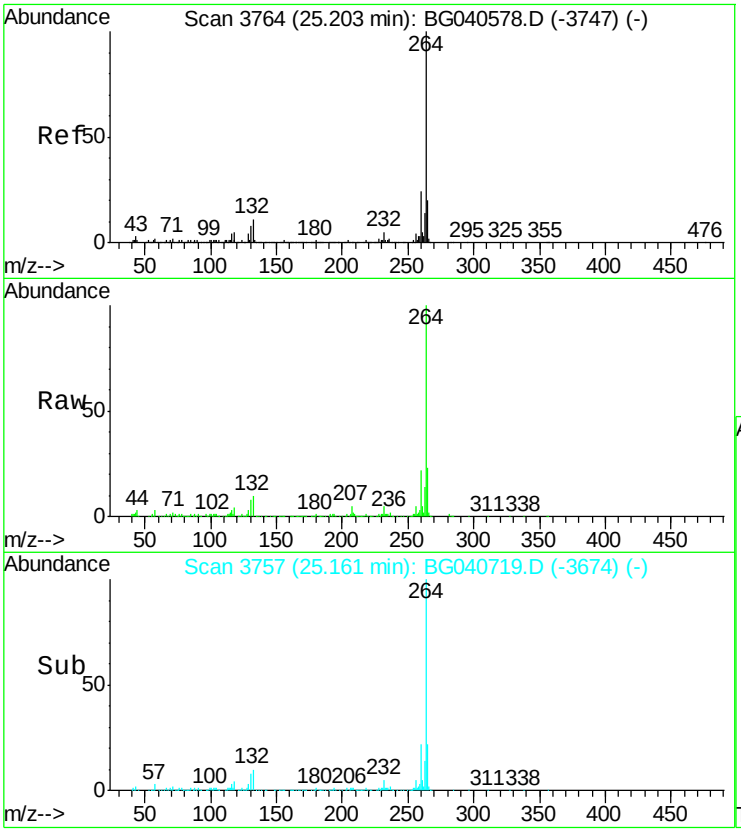


#79
Terphenyl-d14
Concen: 106.886 ng
RT: 20.11 min Scan# 2898
Delta R.T. -0.02 min
Lab File: BG040719.D
Acq: 2 May 2019 22:48

Tgt Ion:244 Resp: 1874169

Ion	Ratio	Lower	Upper
244	100		
212	10.1	7.2	10.8
122	8.3	6.6	10.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3757
Delta R.T. -0.04 min
Lab File: BG040719.D
Acq: 2 May 2019 22:48

Instrument :
BNA_G
ClientSampleId :
OILY-STONES

Tgt Ion:264 Resp: 407192

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	22.5	16.6	25.0