Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
Data File : BG038668.D
Acq On : 17 Dec 2018 18:22
Operator : JU/SJ
Sample : J6429-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-STONES

Quant Time: Dec 18 02:57:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	21103	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	83649	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	55737	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	142525	20.00	ng		0.00
76) Chrysene-d12	21.72	240	157529	20.00	ng		0.00
87) Perylene-d12	25.02	264	173826	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	139351	117.12	ng		0.00
7) Phenol-d6	7.21	99	197783	121.09	ng		0.00
23) Nitrobenzene-d5	9.24	82	126703	77.38	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	95315	124.08	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	311525	76.68	ng		0.00
79) Terphenyl-d14	20.04	244	599645	82.84	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.24	94	7373	4.249	ng		95
19) n-Nitroso-di-n-propylamine	9.24	70	17611	15.351	ng	#	71
25) Isophorone	9.79	82	9835	3.343	ng		99
50) Dimethylphthalate	14.14	163	13730	3.016	ng	#	94
51) 2,6-Dinitrotoluene	14.70	165	7357	7.132	ng	#	19
57) 2,4-Dinitrotoluene	14.70	165	7357	5.064	ng	#	21
67) 4-Bromophenyl-phenylether	16.18	248	6181	3.551	ng	#	1
77) Benzidine	20.04	184	10555	2.266	ng		94

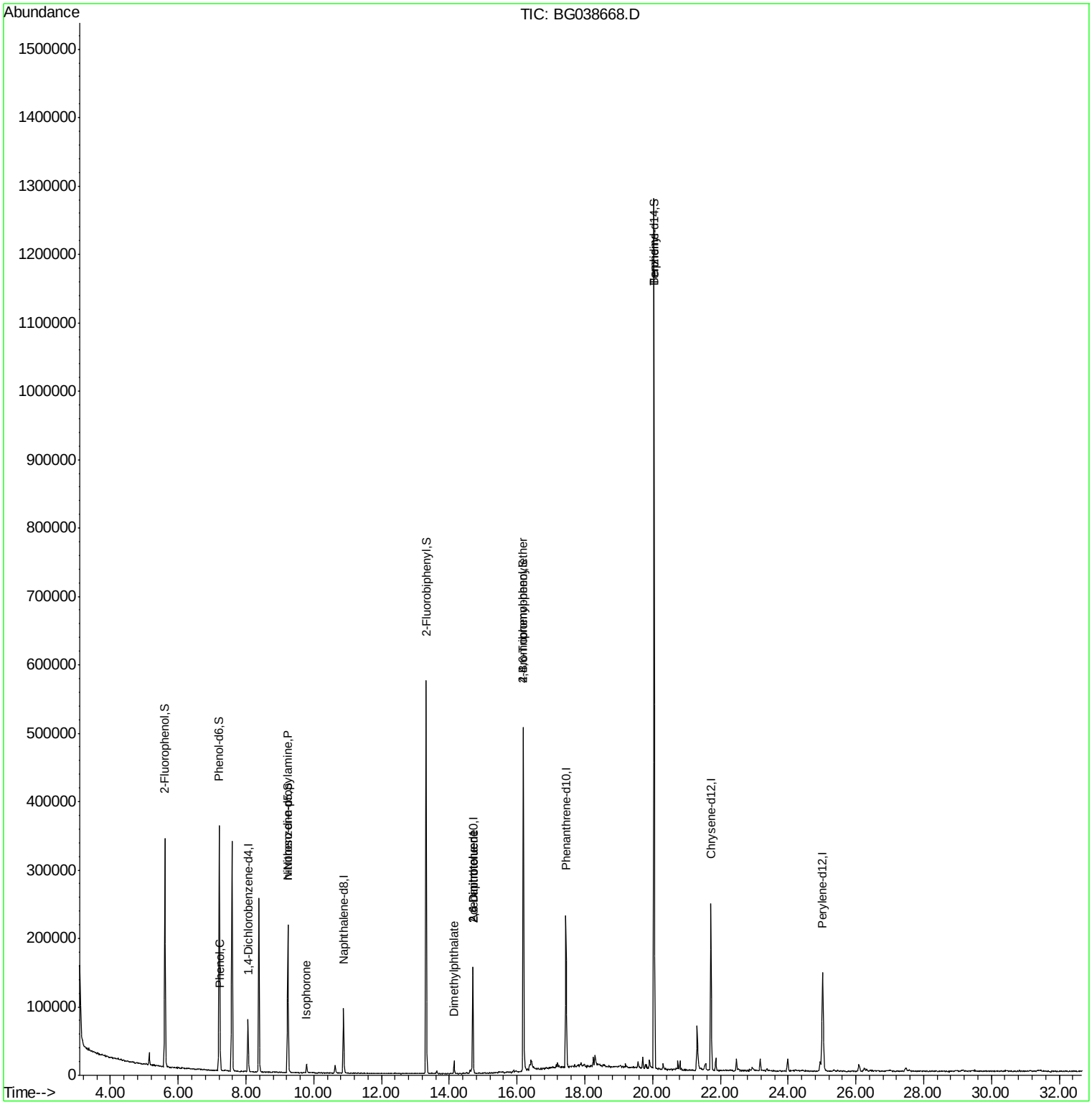
(#) = qualifier out of range (m) = manual integration (+) = signals summed

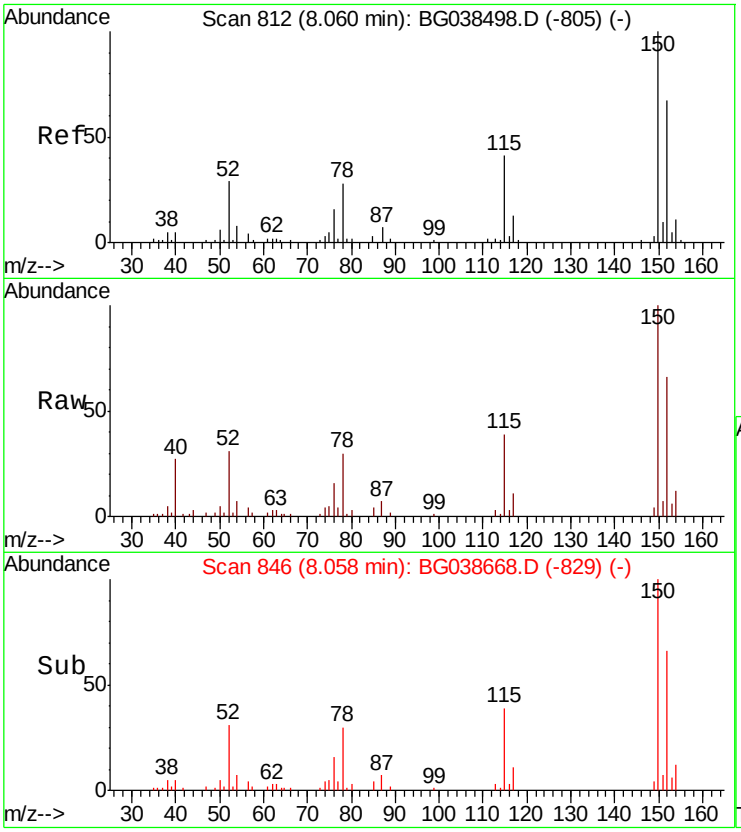
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
Data File : BG038668.D
Acq On : 17 Dec 2018 18:22
Operator : JU/SJ
Sample : J6429-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OILY-STONES

Quant Time: Dec 18 02:57:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration



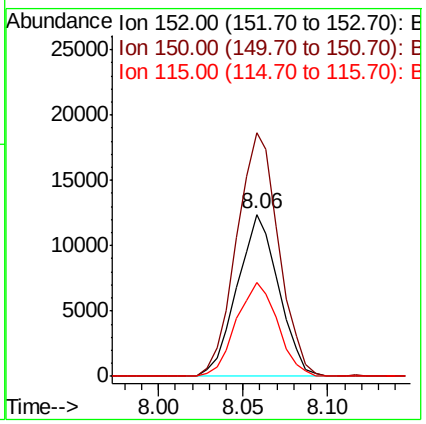


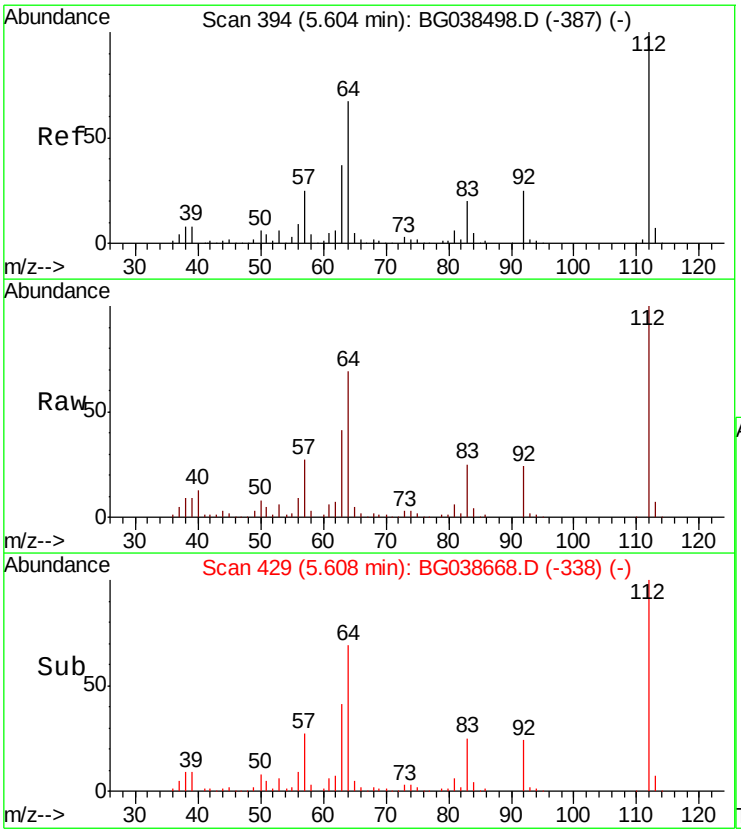
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038668.D
Acq: 17 Dec 2018 18:22

Instrument :
BNA_G
ClientSampleId :
OILY-STONES

Tgt Ion:152 Resp: 21103

Ion	Ratio	Lower	Upper
152	100		
150	150.4	119.5	179.3
115	58.1	49.6	74.4

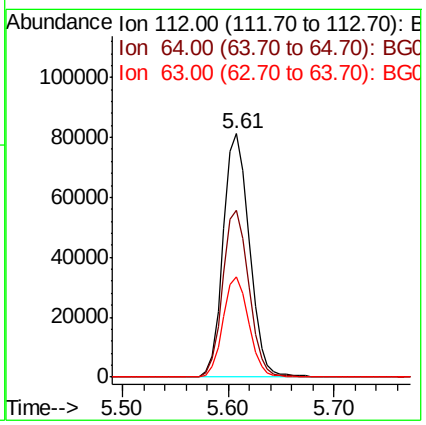


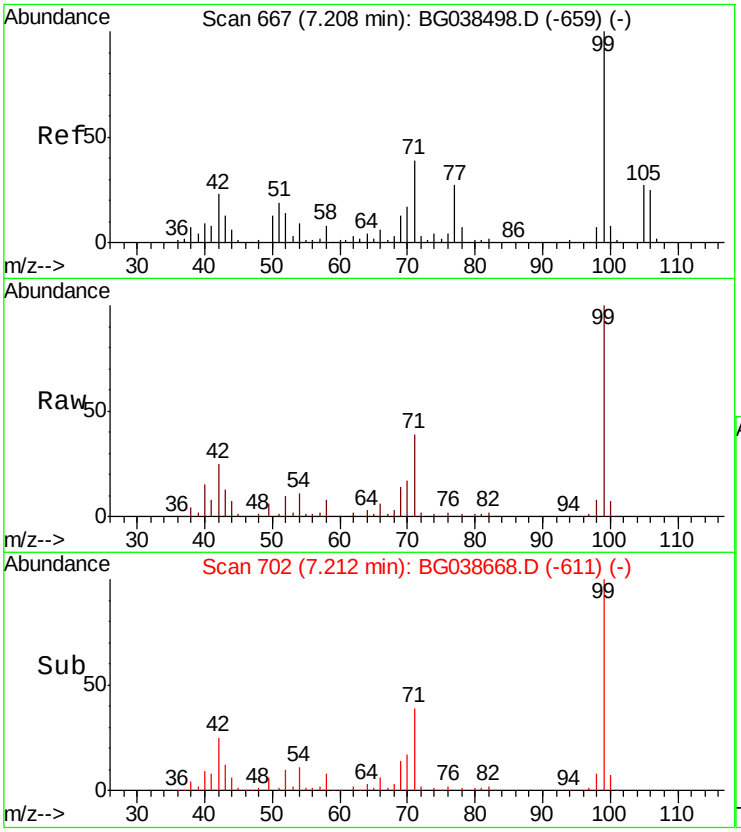


#5
2-Fluorophenol
Concen: 117.121 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.00 min
Lab File: BG038668.D
Acq: 17 Dec 2018 18:22

Tgt Ion:112 Resp: 139351

Ion	Ratio	Lower	Upper
112	100		
64	68.5	53.4	80.2
63	41.3	29.3	43.9



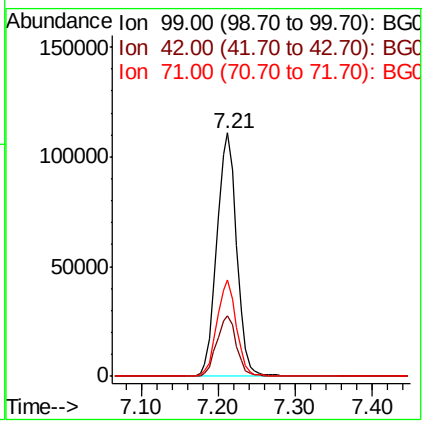


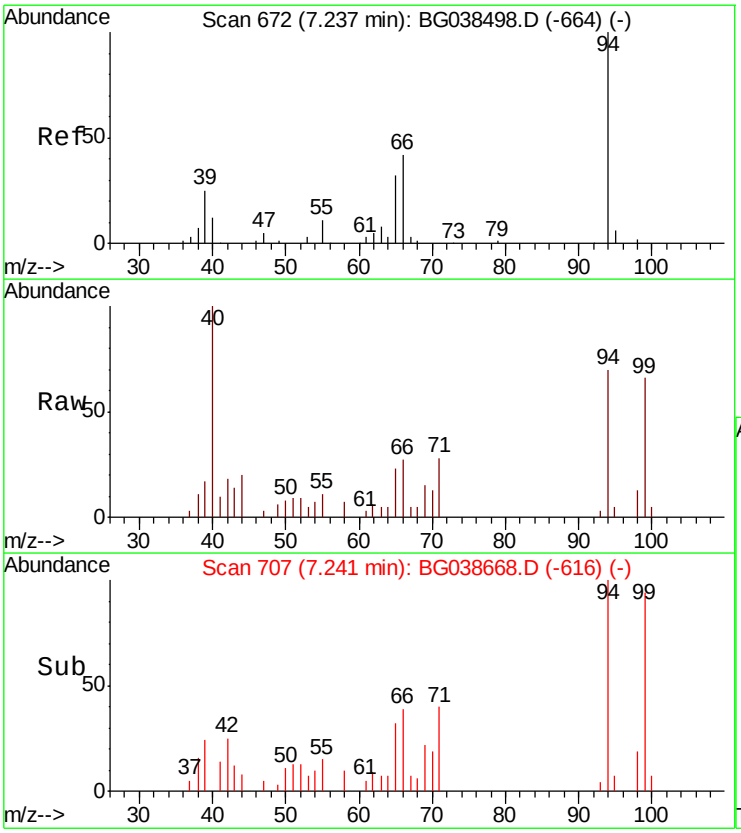
#7
Phenol-d6
Concen: 121.089 ng
RT: 7.21 min Scan# 702
Delta R.T. 0.00 min
Lab File: BG038668.D
Acq: 17 Dec 2018 18:22

Instrument :
BNA_G
ClientSampleId :
OILY-STONES

Tgt Ion: 99 Resp: 197783

Ion	Ratio	Lower	Upper
99	100		
42	24.7	18.5	27.7
71	39.4	31.1	46.7

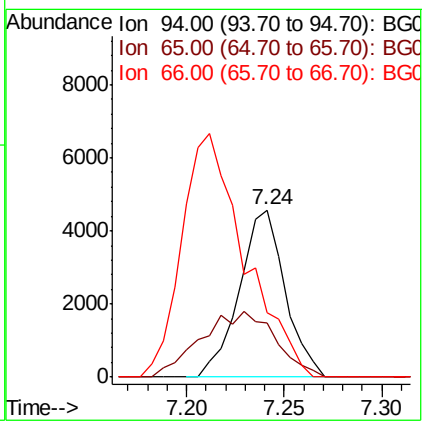


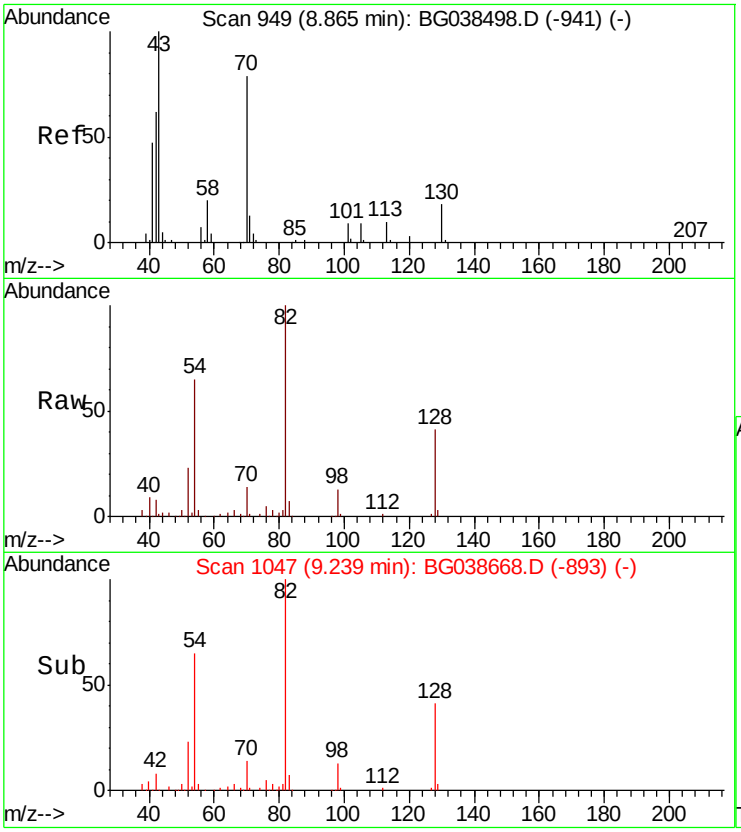


#10
Phenol
Concen: 4.249 ng
RT: 7.24 min Scan# 707
Delta R.T. 0.00 min
Lab File: BG038668.D
Acq: 17 Dec 2018 18:22

Tgt Ion: 94 Resp: 7373

Ion	Ratio	Lower	Upper
94	100		
65	32.3	12.6	52.6
66	38.9	24.1	64.1



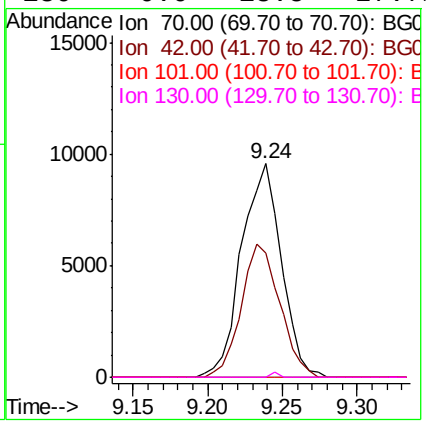


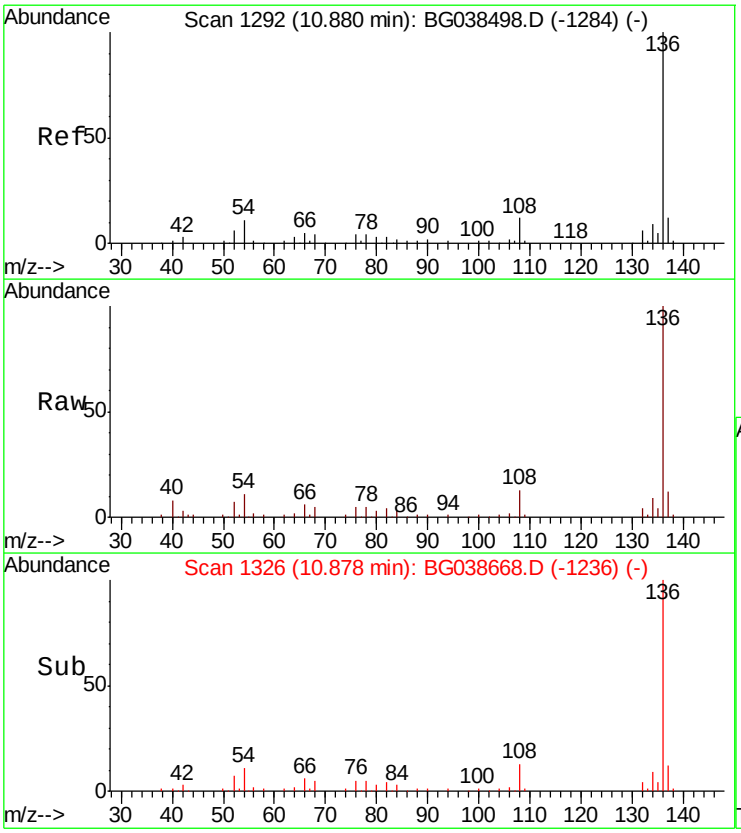
#19
n-Nitroso-di-n-propylamine
Concen: 15.351 ng
RT: 9.24 min Scan# 1047
Delta R.T. 0.37 min
Lab File: BG038668.D
Acq: 17 Dec 2018 18:22

Instrument :
BNA_G
ClientSampleId :
OILY-STONES

Tgt Ion: 70 Resp: 17611

Ion	Ratio	Lower	Upper
70	100		
42	58.2	63.6	95.4#
101	0.0	9.2	13.8#
130	0.0	18.5	27.7#

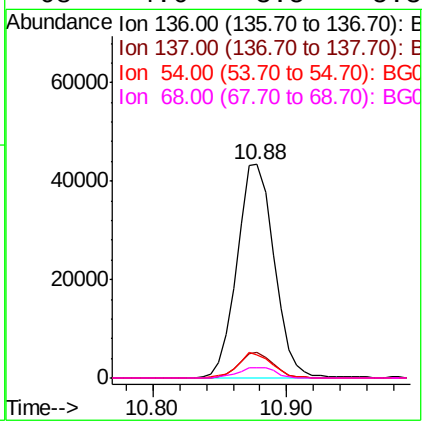


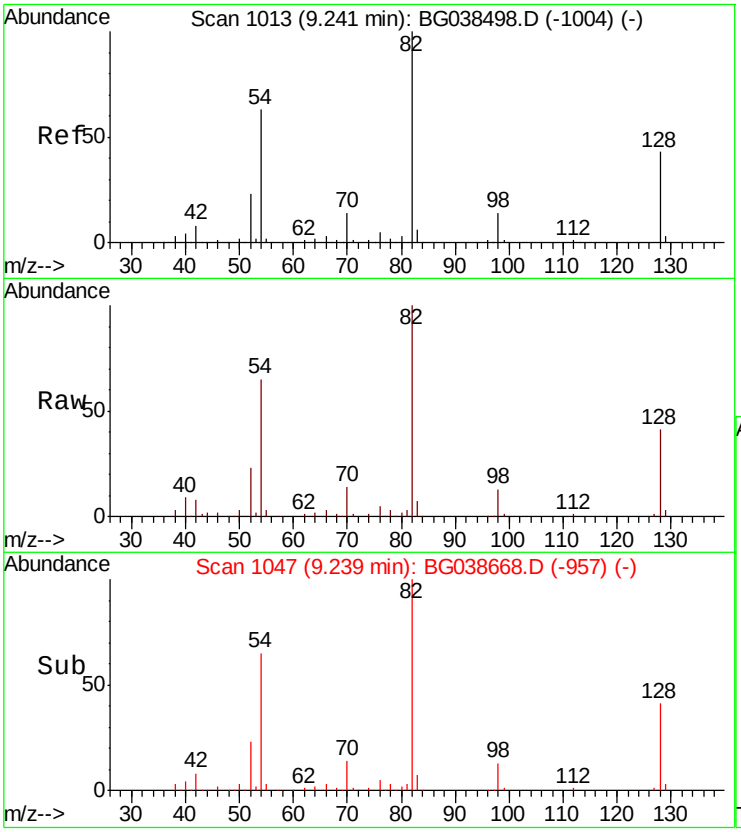


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038668.D
Acq: 17 Dec 2018 18:22

Tgt Ion:136 Resp: 83649

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.3	13.9
54	10.9	8.5	12.7
68	4.6	3.5	5.3



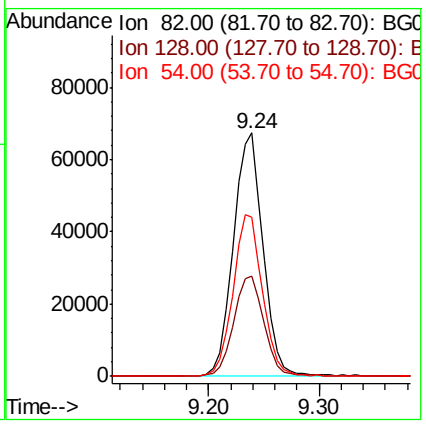


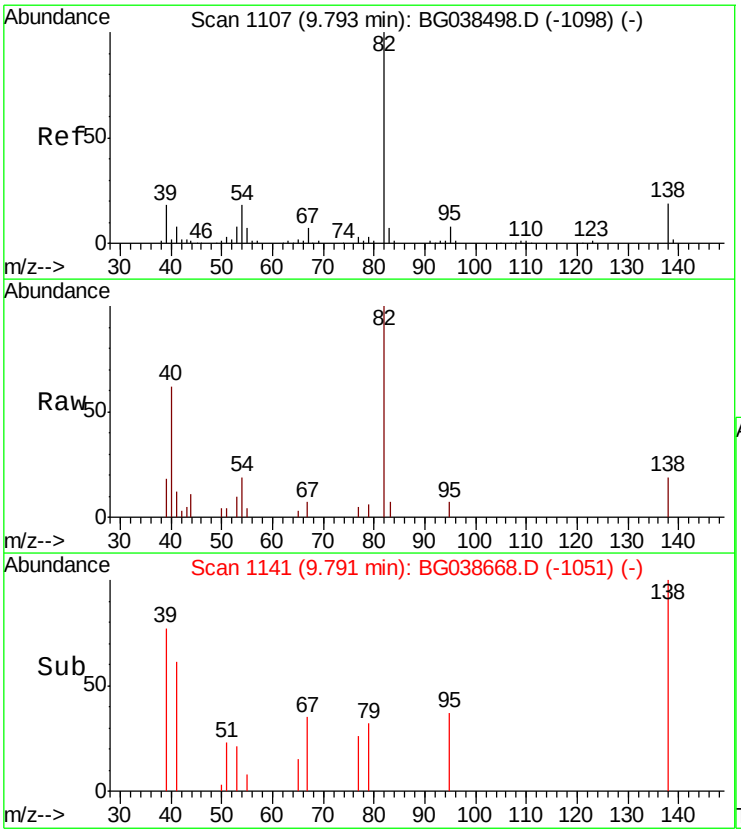
#23
Nitrobenzene-d5
Concen: 77.382 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG038668.D
Acq: 17 Dec 2018 18:22

Instrument :
BNA_G
ClientSampleId :
OILY-STONES

Tgt Ion: 82 Resp: 126703

Ion	Ratio	Lower	Upper
82	100		
128	41.3	34.6	52.0
54	65.4	50.6	76.0

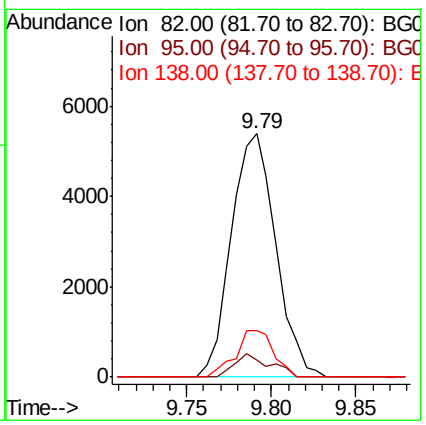


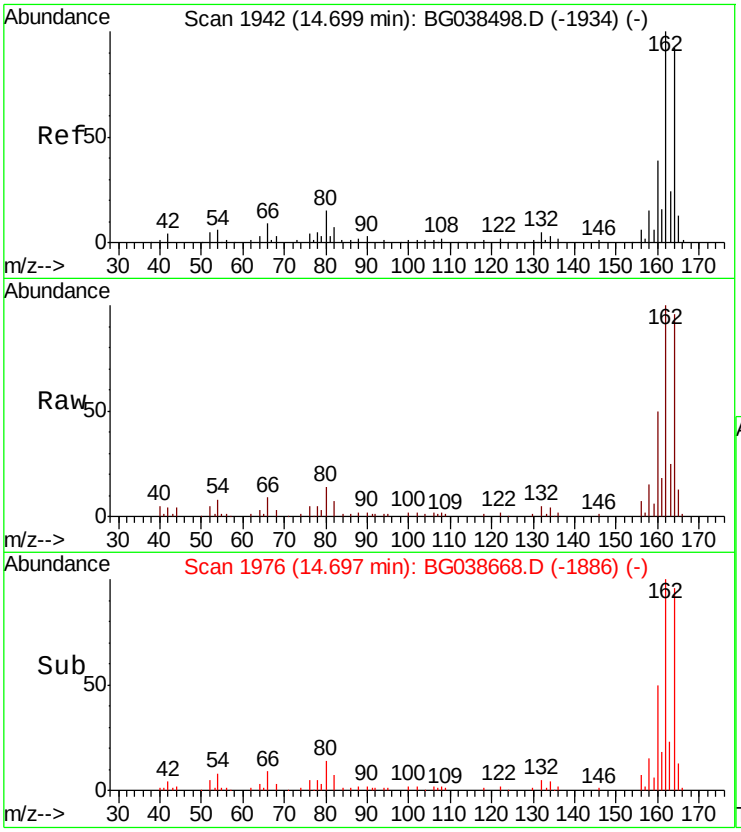


#25
Isophorone
Concen: 3.343 ng
RT: 9.79 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BG038668.D
Acq: 17 Dec 2018 18:22

Tgt Ion: 82 Resp: 9835

Ion	Ratio	Lower	Upper
82	100		
95	7.1	6.1	9.1
138	19.1	14.9	22.3



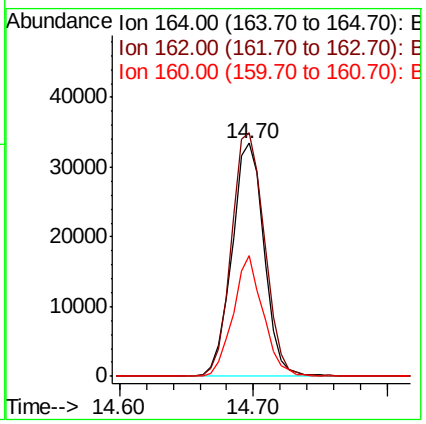


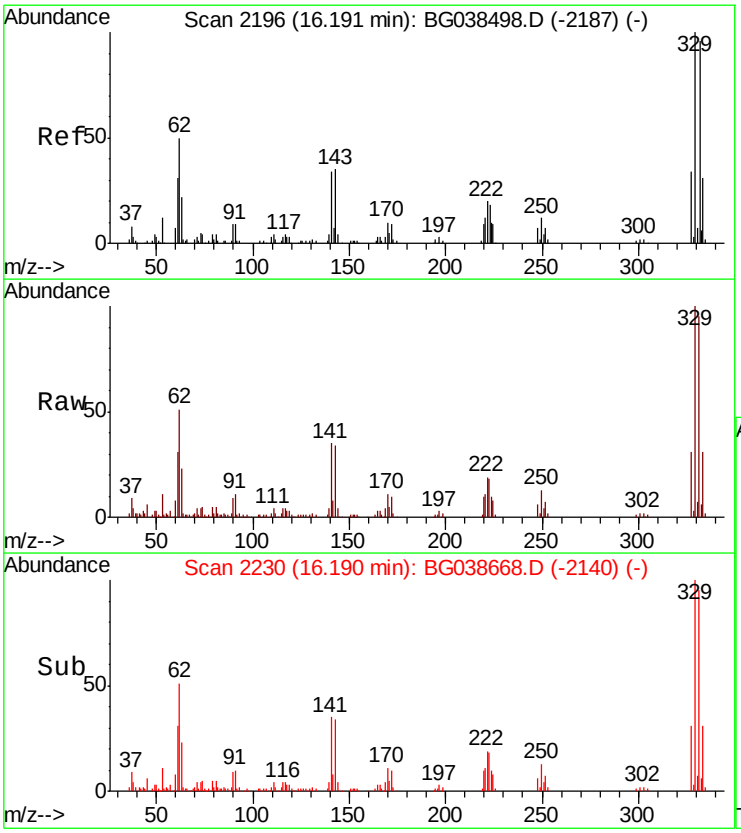
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG038668.D
Acq: 17 Dec 2018 18:22

Instrument :
BNA_G
ClientSampleId :
OILY-STONES

Tgt Ion:164 Resp: 55737

Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.6	130.0
160	51.8	34.2	51.2#

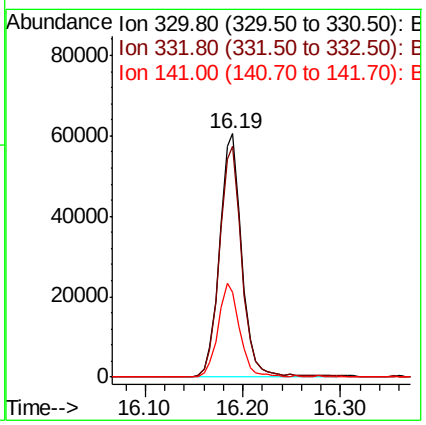


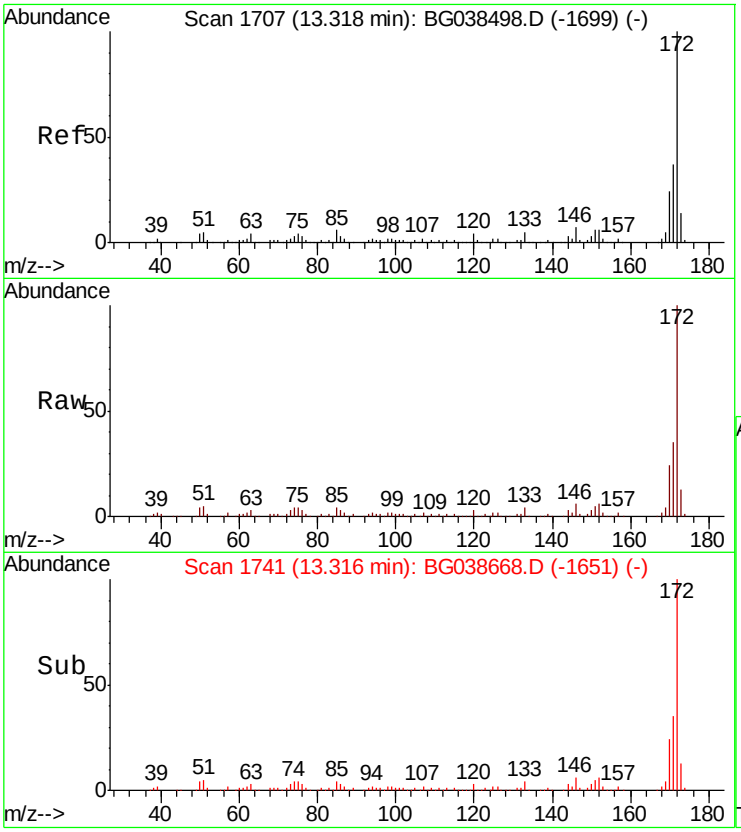


#42
2,4,6-Tribromophenol
Concen: 124.083 ng
RT: 16.19 min Scan# 2230
Delta R.T. -0.00 min
Lab File: BG038668.D
Acq: 17 Dec 2018 18:22

Tgt Ion:330 Resp: 95315

Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.9	115.3
141	37.3	28.8	43.2



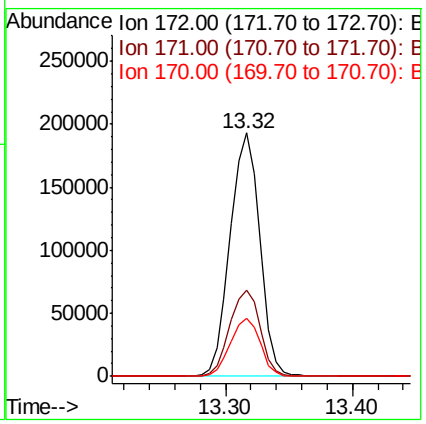


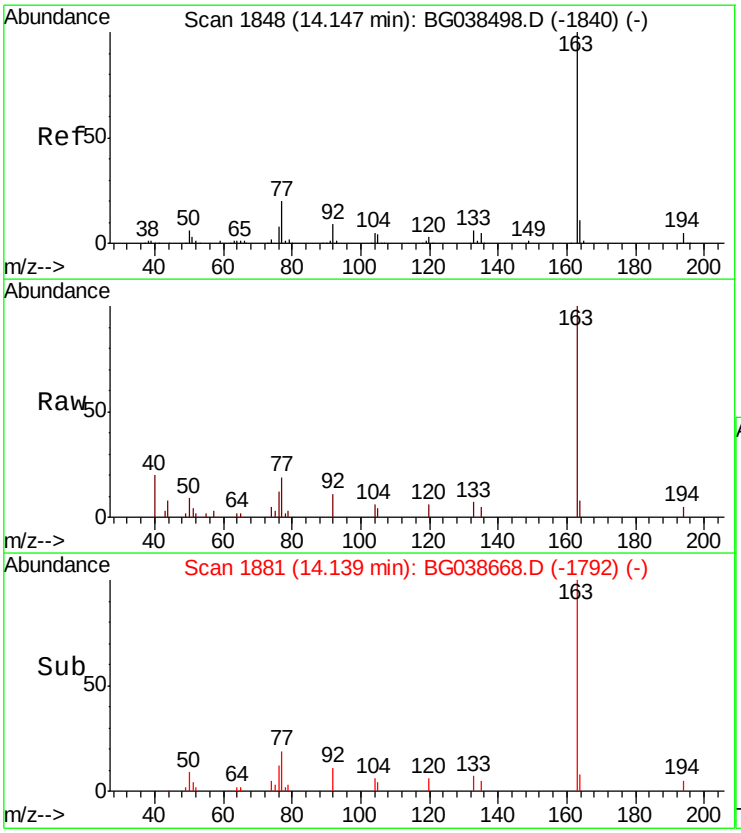
#45
2-Fluorobiphenyl
Concen: 76.675 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG038668.D
Acq: 17 Dec 2018 18:22

Instrument :
BNA_G
ClientSampleId :
OILY-STONES

Tgt Ion:172 Resp: 311525

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.8	44.6
170	23.8	19.5	29.3

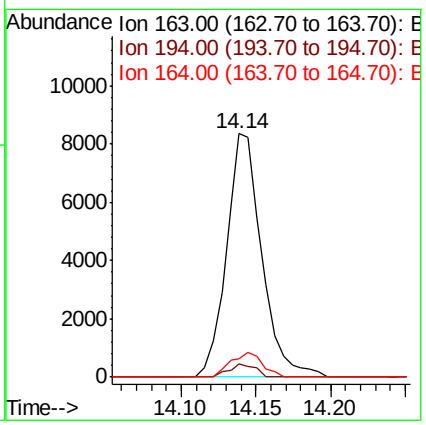


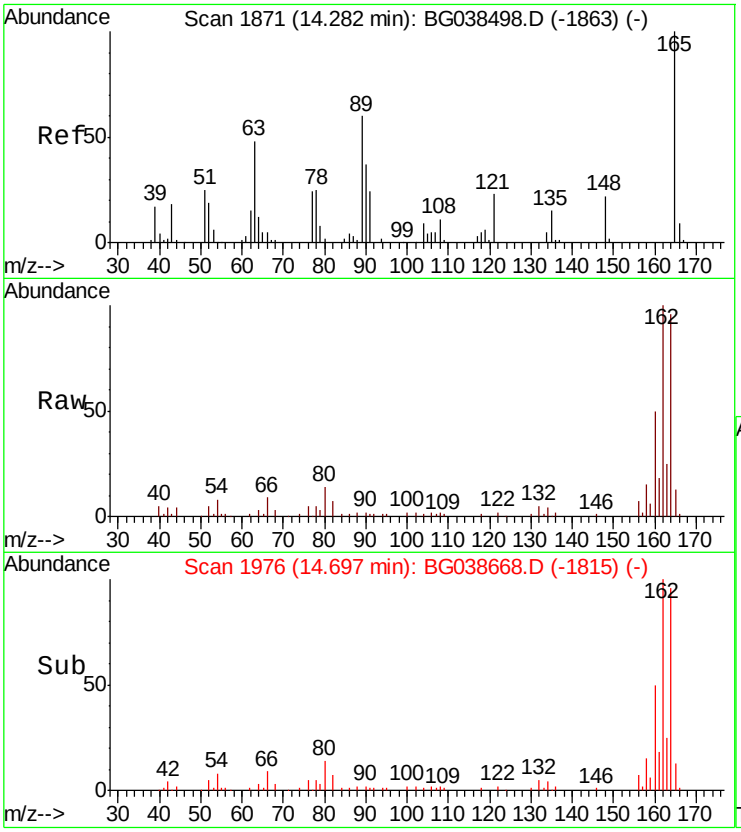


#50
Dimethylphthalate
Concen: 3.016 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG038668.D
Acq: 17 Dec 2018 18:22

Tgt Ion:163 Resp: 13730

Ion	Ratio	Lower	Upper
163	100		
194	5.4	3.7	5.5
164	7.7	8.6	12.8#



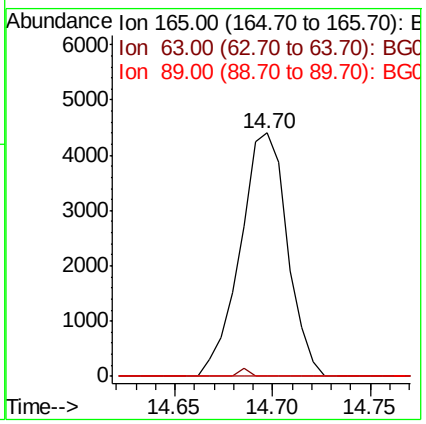


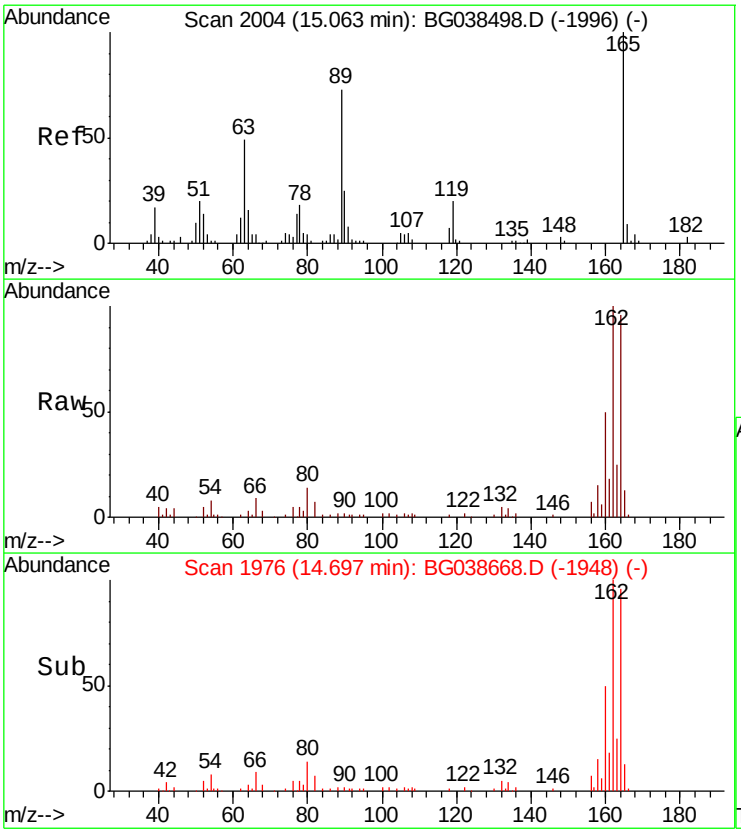
#51
2,6-Dinitrotoluene
Concen: 7.132 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.42 min
Lab File: BG038668.D
Acq: 17 Dec 2018 18:22

Instrument :
BNA_G
ClientSampleId :
OILY-STONES

Tgt Ion:165 Resp: 7357

Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.8	77.6#
89	0.0	47.9	71.9#

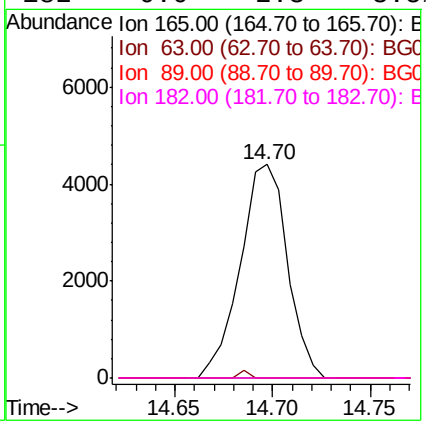


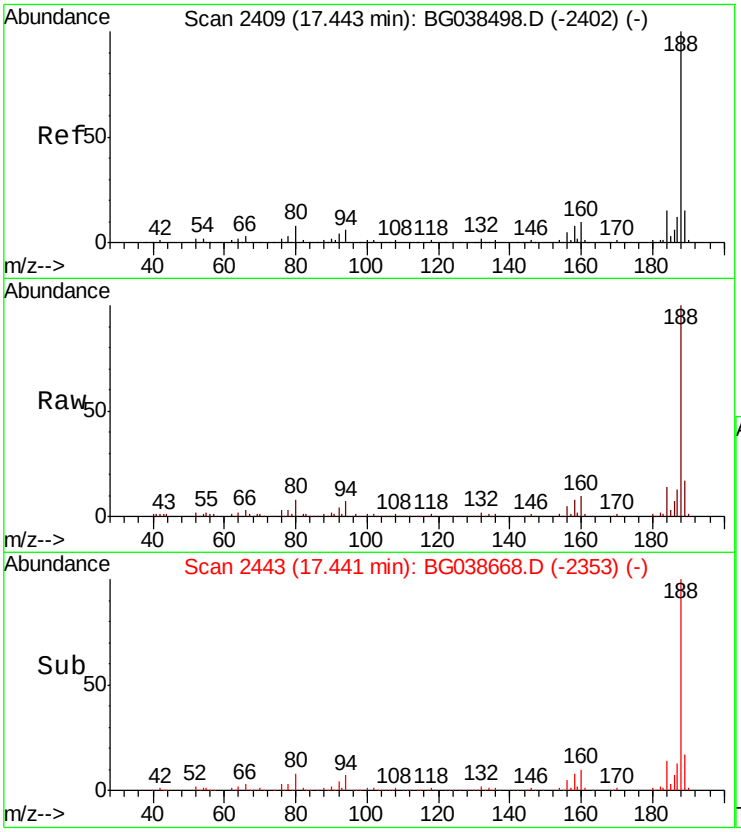


#57
2,4-Dinitrotoluene
Concen: 5.064 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.37 min
Lab File: BG038668.D
Acq: 17 Dec 2018 18:22

Tgt Ion:165 Resp: 7357

Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.0	58.4#
89	0.0	58.0	87.0#
182	0.0	2.3	3.5#



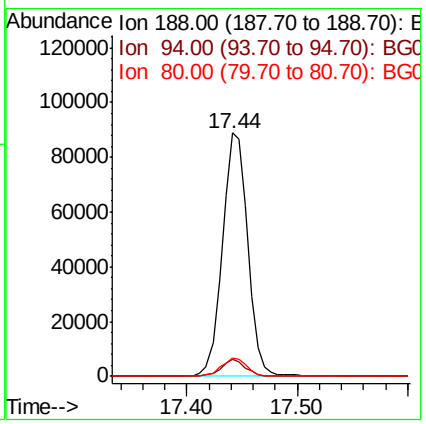


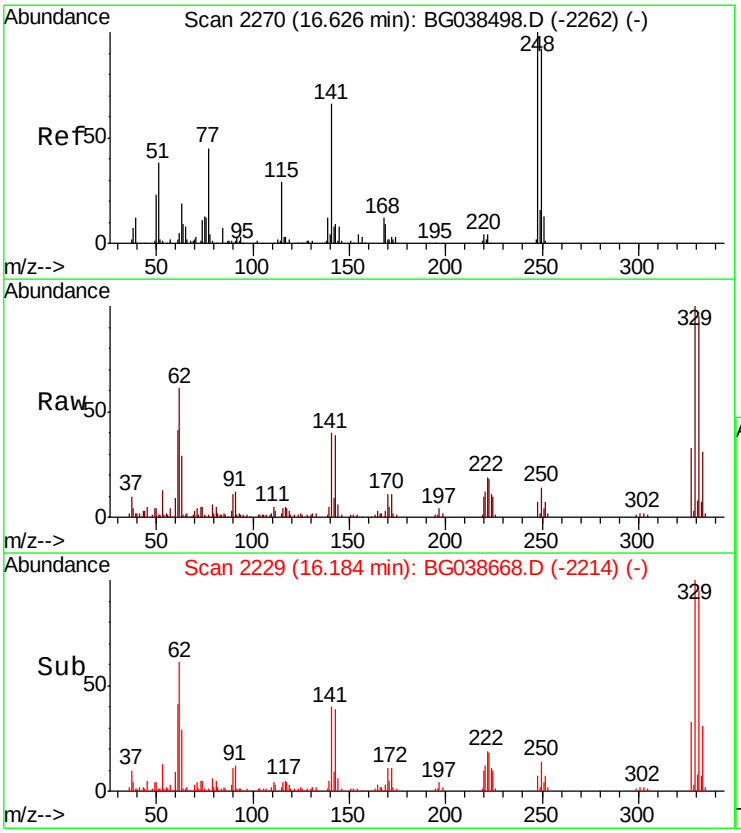
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038668.D
Acq: 17 Dec 2018 18:22

Instrument :
BNA_G
ClientSampleId :
OILY-STONES

Tgt Ion:188 Resp: 142525

Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.1	7.7
80	7.8	6.1	9.1

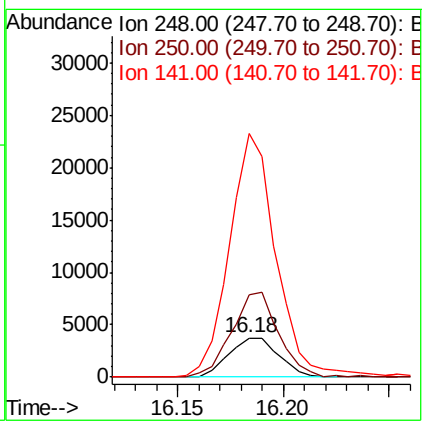


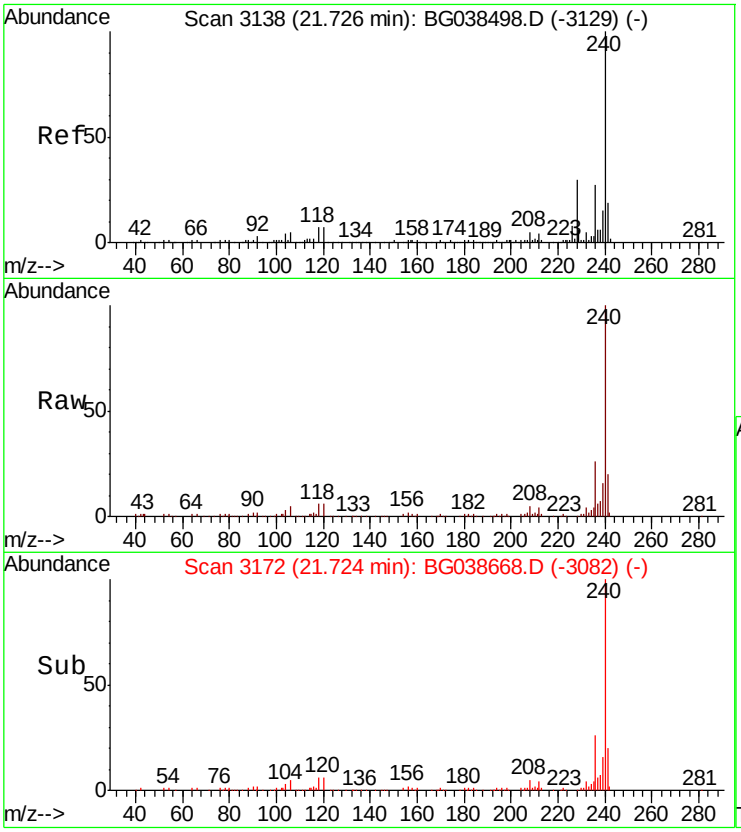


#67
4-Bromophenyl-phenylether
Concen: 3.551 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.44 min
Lab File: BG038668.D
Acq: 17 Dec 2018 18:22

Tgt Ion:248 Resp: 6181

Ion	Ratio	Lower	Upper
248	100		
250	209.4	73.4	110.2#
141	475.0	52.9	79.3#



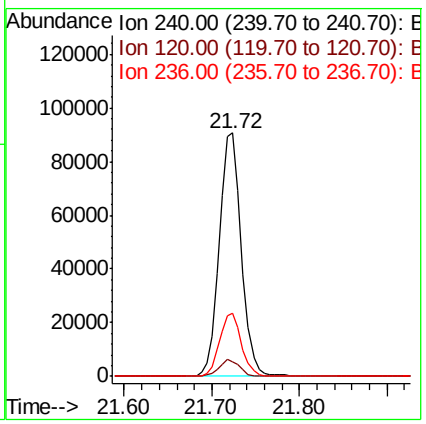


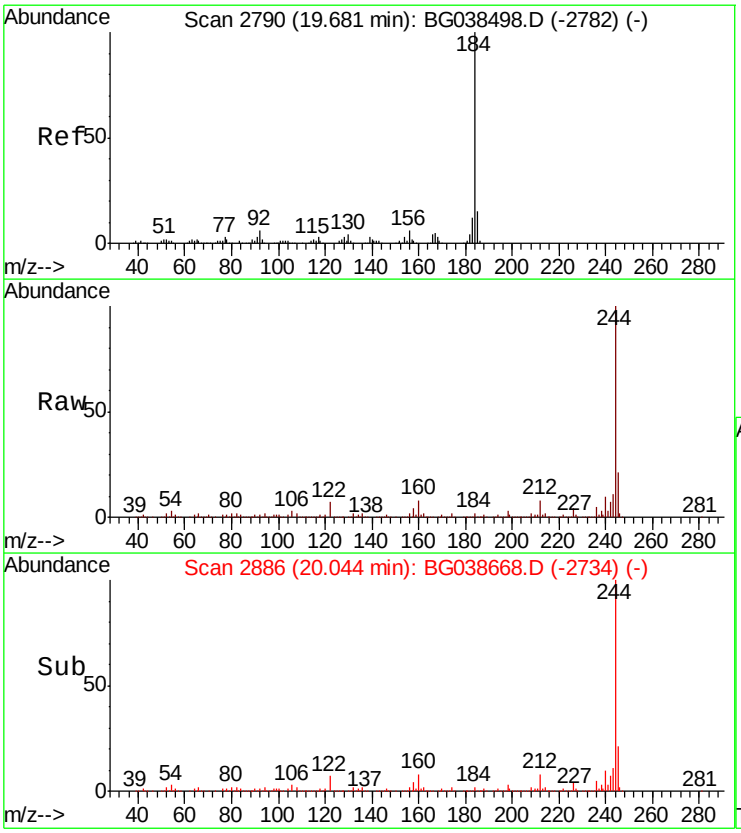
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3172
Delta R.T. -0.00 min
Lab File: BG038668.D
Acq: 17 Dec 2018 18:22

Instrument :
BNA_G
ClientSampleId :
OILY-STONES

Tgt Ion:240 Resp: 157529

Ion	Ratio	Lower	Upper
240	100		
120	5.8	5.3	7.9
236	25.8	21.4	32.2

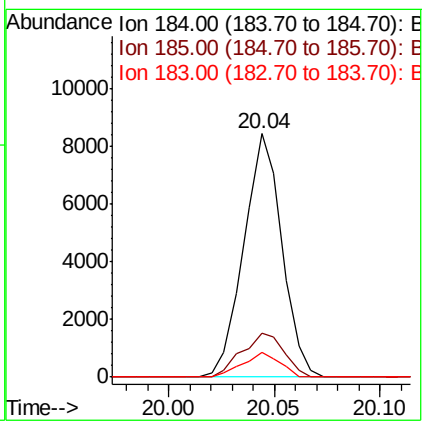


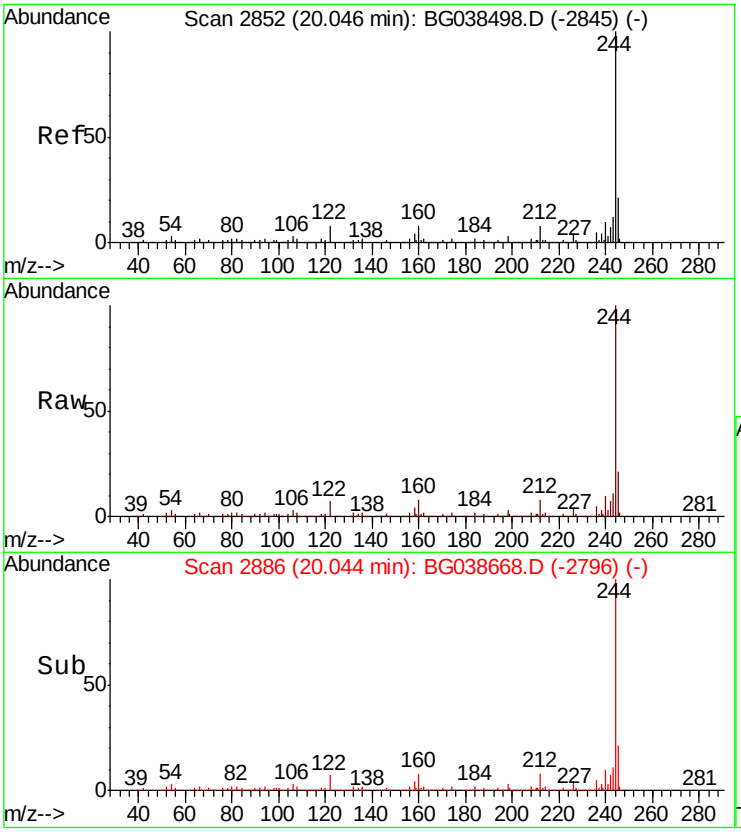


#77
Benzidine
Concen: 2.266 ng
RT: 20.04 min Scan# 2886
Delta R.T. 0.36 min
Lab File: BG038668.D
Acq: 17 Dec 2018 18:22

Tgt Ion:184 Resp: 10555

Ion	Ratio	Lower	Upper
184	100		
185	17.9	12.2	18.2
183	10.3	9.6	14.4



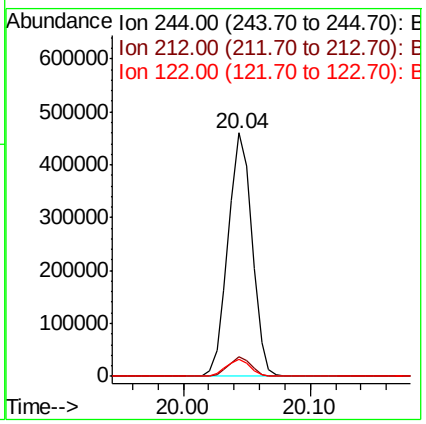


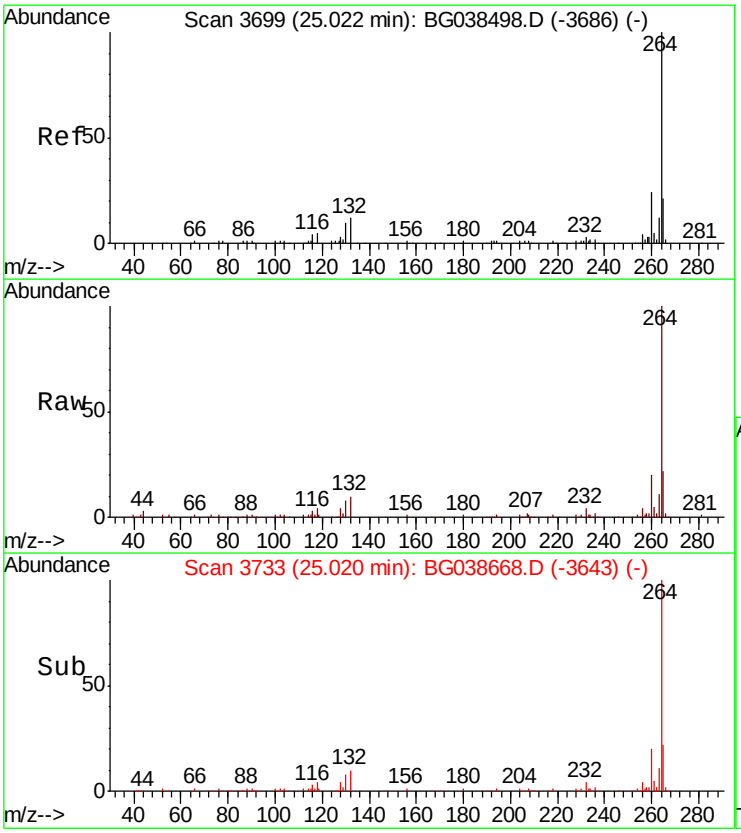
#79
Terphenyl-d14
Concen: 82.844 ng
RT: 20.04 min Scan# 2886
Delta R.T. -0.00 min
Lab File: BG038668.D
Acq: 17 Dec 2018 18:22

Instrument :
BNA_G
ClientSampleId :
OILY-STONES

Tgt Ion:244 Resp: 599645

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	7.0	6.3	9.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3733
Delta R.T. -0.00 min
Lab File: BG038668.D
Acq: 17 Dec 2018 18:22

Tgt Ion:264 Resp: 173826

Ion	Ratio	Lower	Upper
264	100		
260	20.2	18.9	28.3
265	22.4	17.0	25.4