Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121818\
Data File : BG038715.D
Acq On : 19 Dec 2018 5:52
Operator : JU/SJ
Sample : J6429-04RE
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-STONES

Quant Time: Dec 19 07:03:01 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	8.05	152	23222	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	93631	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	61598	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	165544	20.00	ng		0.00
76) Chrysene-d12	21.72	240	179953	20.00	ng		0.00
87) Perylene-d12	25.01	264	182597	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	153112	116.94	ng		0.00
7) Phenol-d6	7.21	99	185168	103.02	ng		0.00
23) Nitrobenzene-d5	9.23	82	147909	80.70	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	113404	133.58	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	377031	83.97	ng		0.00
79) Terphenyl-d14	20.04	244	783642	94.77	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.23	70	19916	15.777	ng	#	65
31) Naphthalene	10.93	128	35868	7.775	ng		98
33) 4-Chloroaniline	10.92	127	4561	2.277	ng	#	30
37) 2-Methylnaphthalene	12.52	142	13223	4.018	ng		94
38) 1-Methylnaphthalene	12.75	142	14059	4.402	ng		97
51) 2,6-Dinitrotoluene	14.69	165	7741	6.791	ng	#	24
57) 2,4-Dinitrotoluene	14.69	165	7741	4.821	ng	#	25
67) 4-Bromophenyl-phenylether	16.18	248	7064	3.494	ng	#	1
77) Benzidine	20.04	184	13569	2.550	ng	#	94

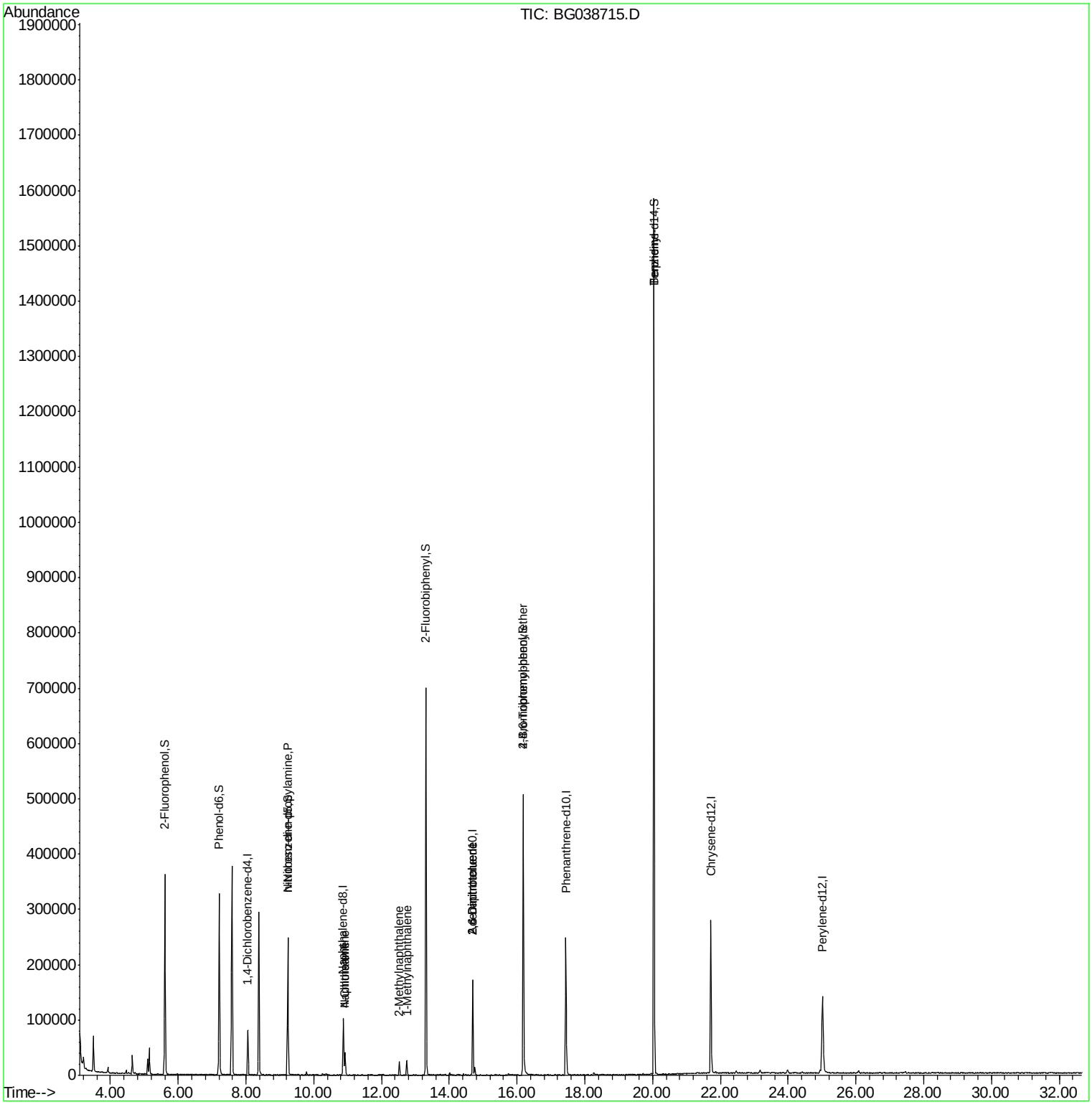
(#) = qualifier out of range (m) = manual integration (+) = signals summed

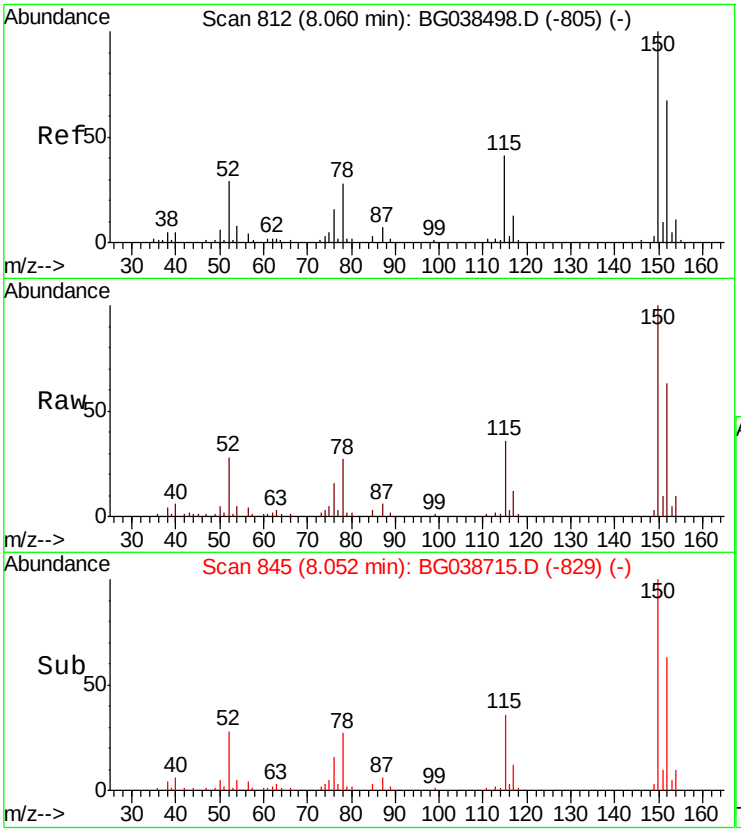
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121818\
Data File : BG038715.D
Acq On : 19 Dec 2018 5:52
Operator : JU/SJ
Sample : J6429-04RE
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OILY-STONES

Quant Time: Dec 19 07:03:01 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



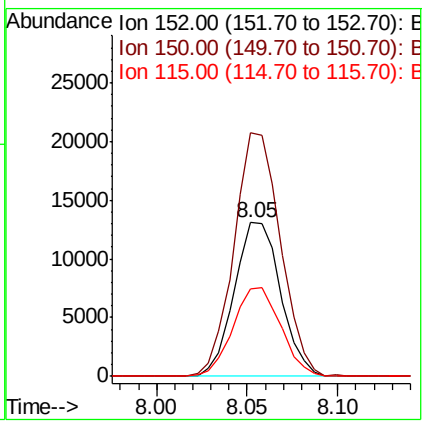


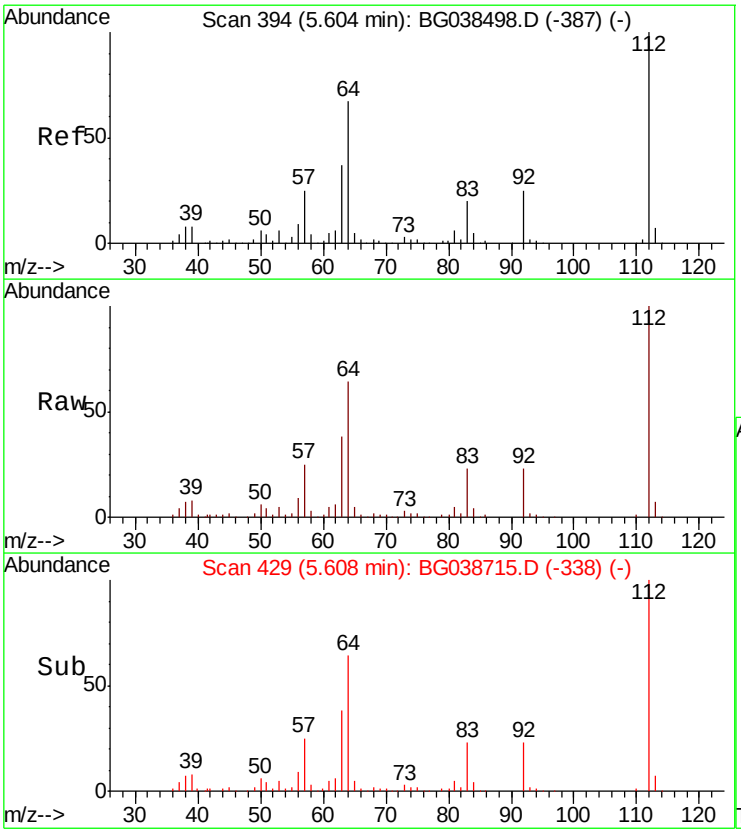
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG038715.D
Acq: 19 Dec 2018 5:52

Instrument :
BNA_G
ClientSampleId :
OILY-STONES

Tgt Ion:152 Resp: 23222

Ion	Ratio	Lower	Upper
152	100		
150	158.6	119.5	179.3
115	56.8	49.6	74.4

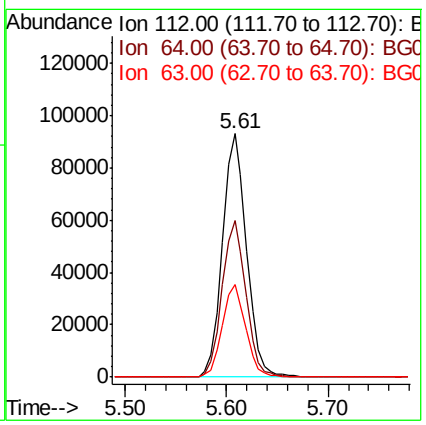


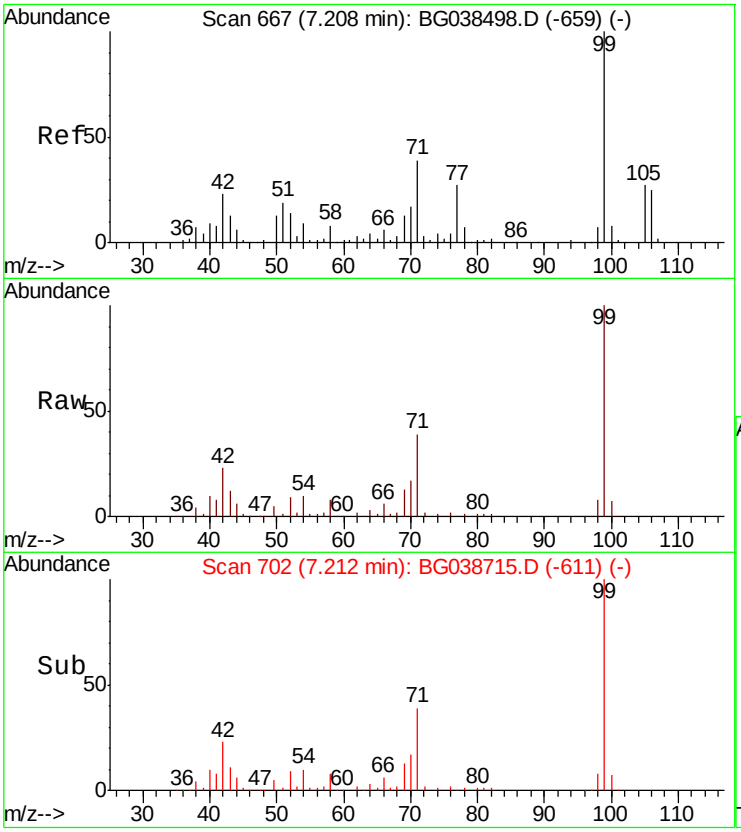


#5
2-Fluorophenol
Concen: 116.944 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.00 min
Lab File: BG038715.D
Acq: 19 Dec 2018 5:52

Tgt Ion:112 Resp: 153112

Ion	Ratio	Lower	Upper
112	100		
64	64.4	53.4	80.2
63	37.8	29.3	43.9



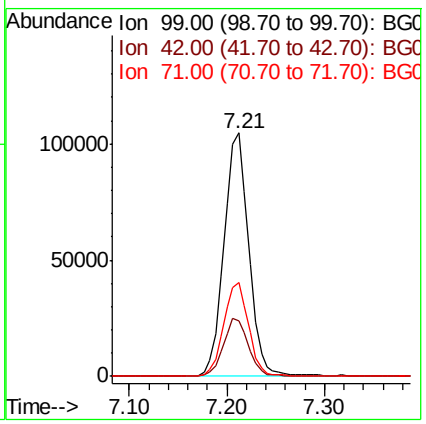


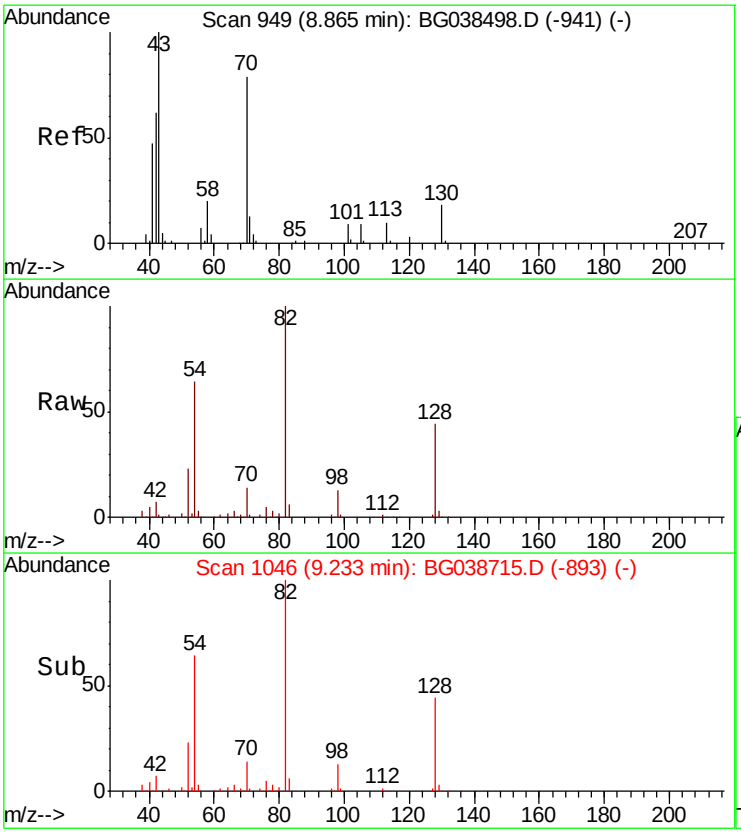
#7
Phenol-d6
Concen: 103.021 ng
RT: 7.21 min Scan# 702
Delta R.T. 0.00 min
Lab File: BG038715.D
Acq: 19 Dec 2018 5:52

Instrument :
BNA_G
ClientSampleId :
OILY-STONES

Tgt Ion: 99 Resp: 185168

Ion	Ratio	Lower	Upper
99	100		
42	22.6	18.5	27.7
71	38.5	31.1	46.7

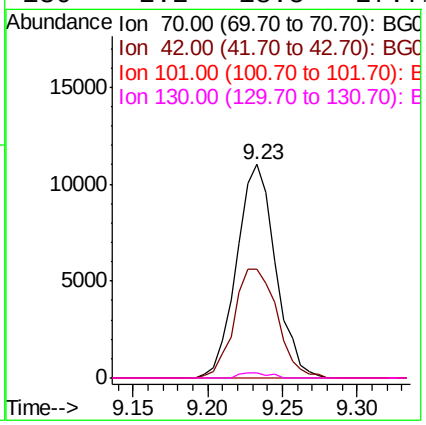


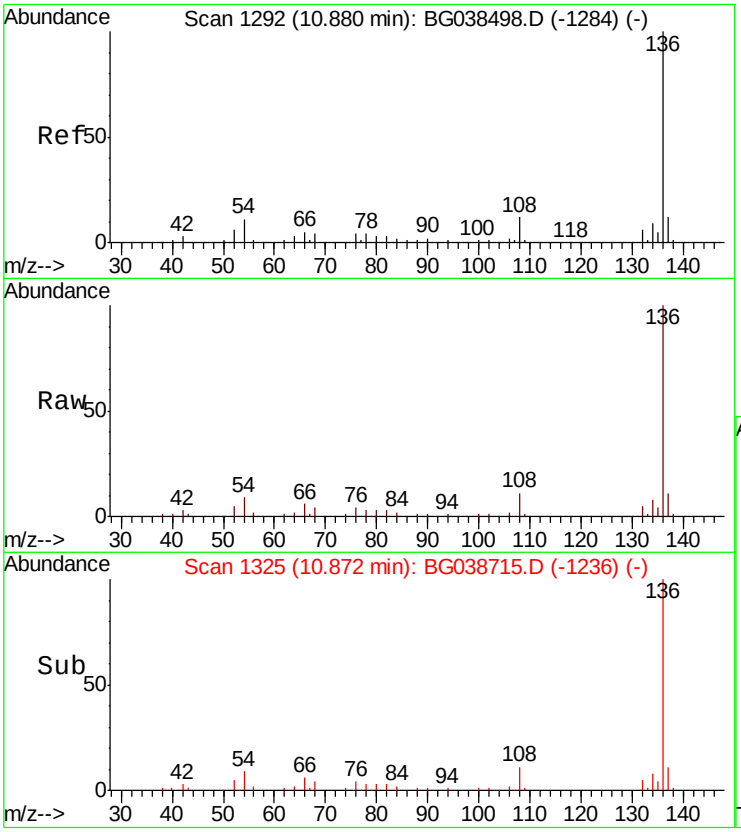


#19
n-Nitroso-di-n-propylamine
Concen: 15.777 ng
RT: 9.23 min Scan# 1046
Delta R.T. 0.37 min
Lab File: BG038715.D
Acq: 19 Dec 2018 5:52

Tgt Ion: 70 Resp: 19916

Ion	Ratio	Lower	Upper
70	100		
42	50.7	63.6	95.4#
101	0.0	9.2	13.8#
130	2.2	18.5	27.7#



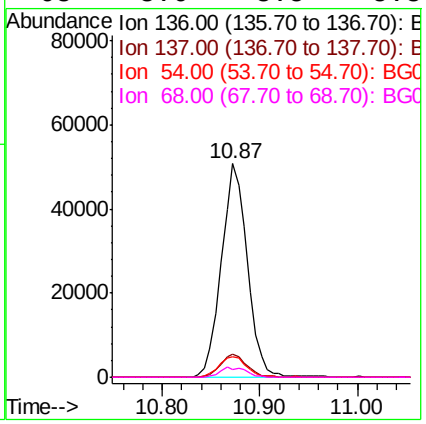


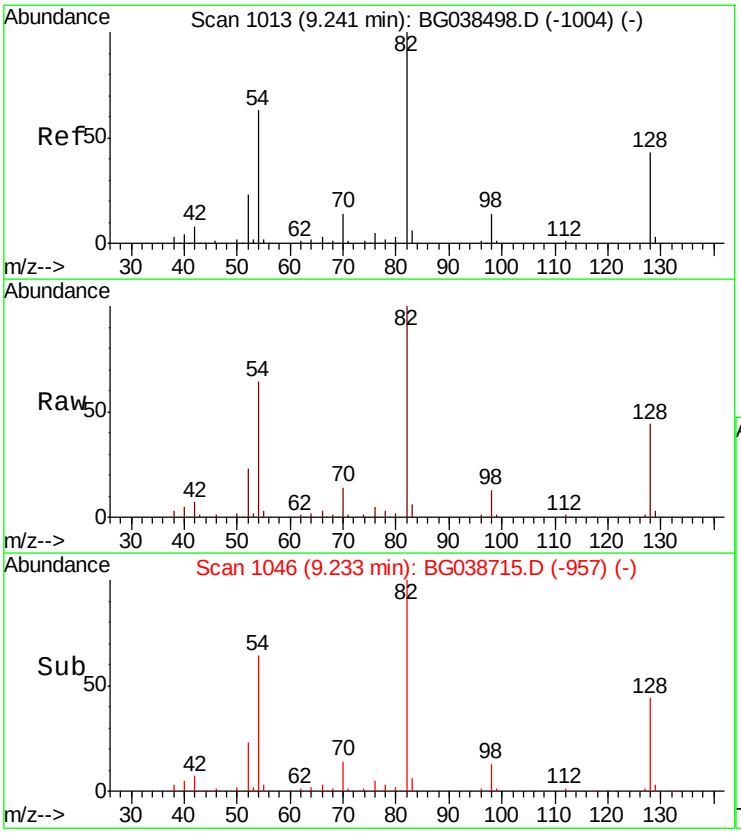
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038715.D
Acq: 19 Dec 2018 5:52

Instrument :
BNA_G
ClientSampleId :
OILY-STONES

Tgt Ion:136 Resp: 93631

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.3	13.9
54	9.4	8.5	12.7
68	3.6	3.5	5.3

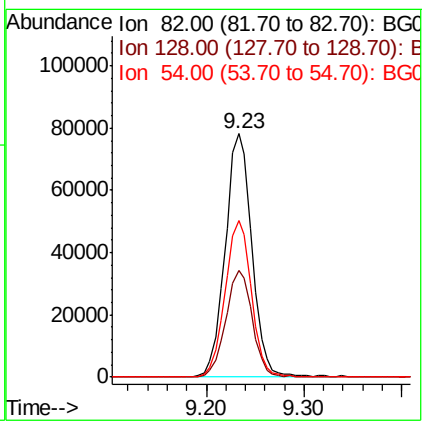


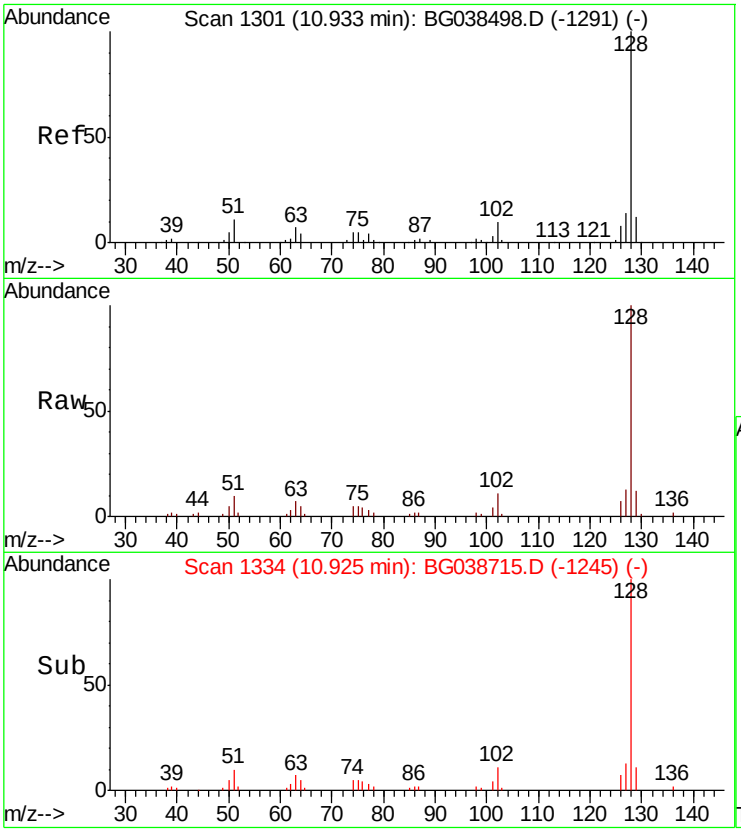


#23
Nitrobenzene-d5
Concen: 80.702 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038715.D
Acq: 19 Dec 2018 5:52

Tgt Ion: 82 Resp: 147909

Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.6	52.0
54	64.2	50.6	76.0



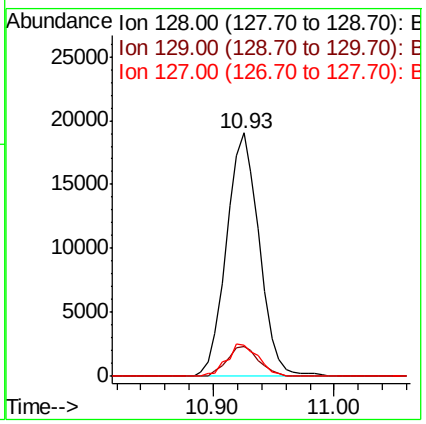


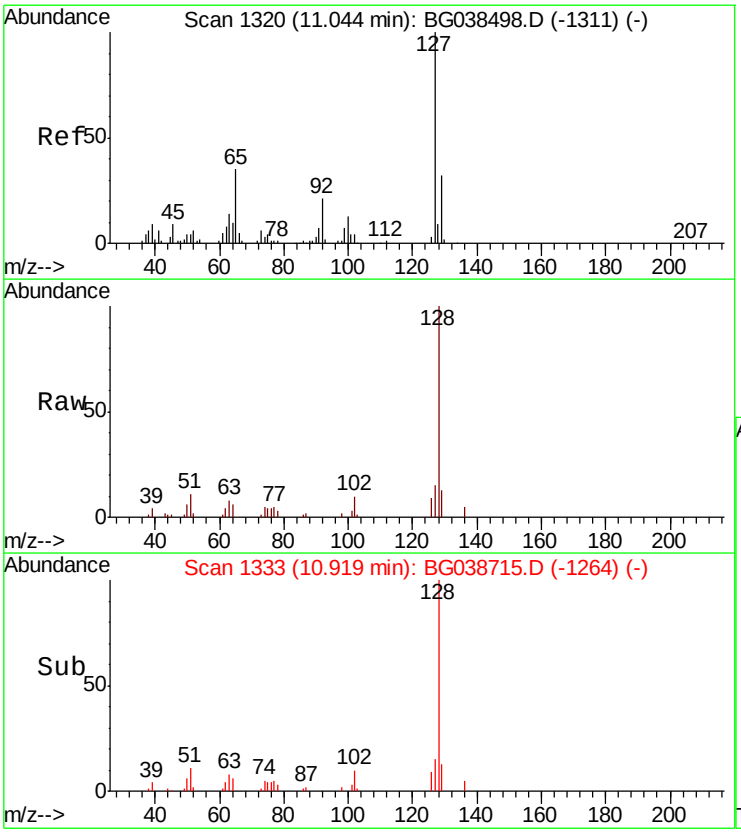
#31
Naphthalene
Concen: 7.775 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG038715.D
Acq: 19 Dec 2018 5:52

Instrument :
BNA_G
ClientSampleId :
OILY-STONES

Tgt Ion:128 Resp: 35868

Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.5	14.3
127	12.8	10.9	16.3

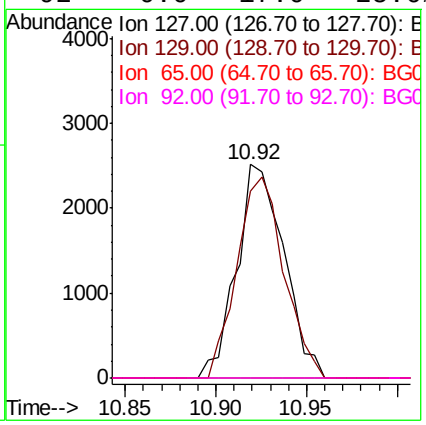


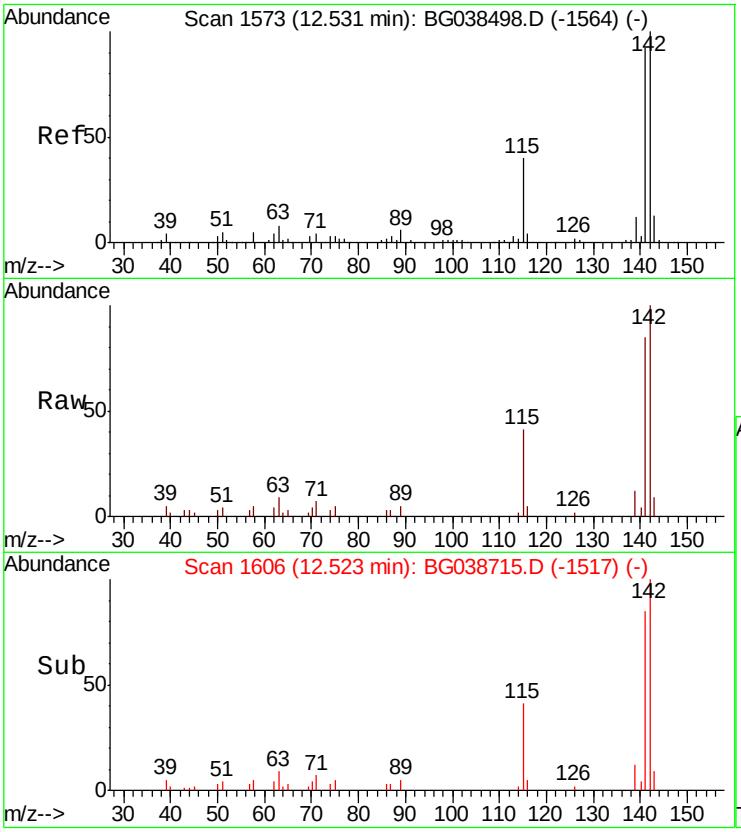


#33
4-Chloroaniline
Concen: 2.277 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.13 min
Lab File: BG038715.D
Acq: 19 Dec 2018 5:52

Tgt Ion:127 Resp: 4561

Ion	Ratio	Lower	Upper
127	100		
129	87.3	25.8	38.8#
65	0.0	27.8	41.6#
92	0.0	17.0	25.6#



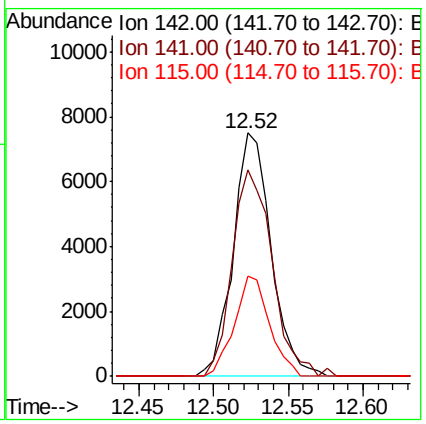


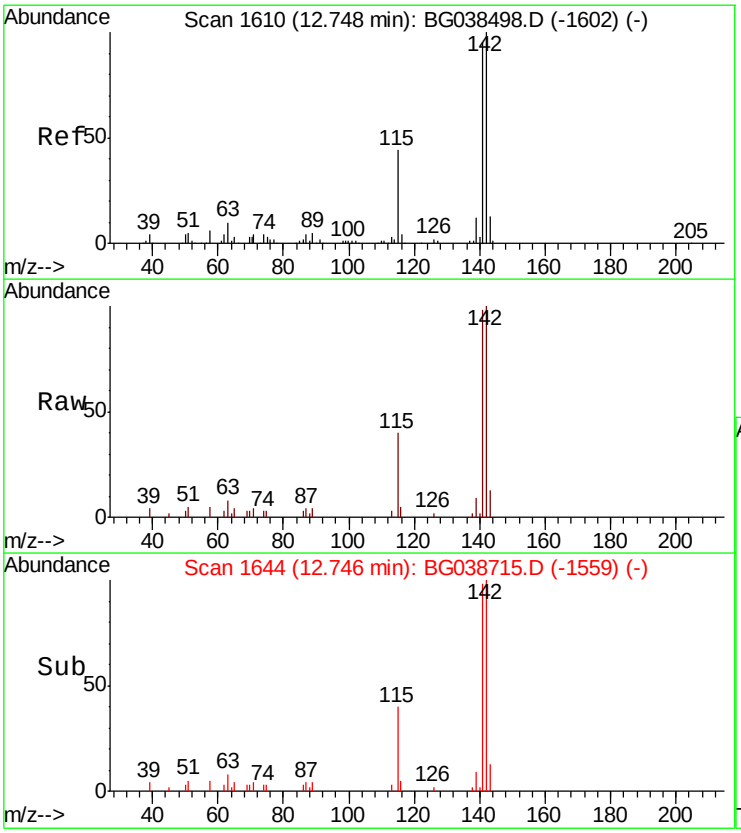
#37
2-Methylnaphthalene
Concen: 4.018 ng
RT: 12.52 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BG038715.D
Acq: 19 Dec 2018 5:52

Instrument :
BNA_G
ClientSampleId :
OILY-STONES

Tgt Ion:142 Resp: 13223

Ion	Ratio	Lower	Upper
142	100		
141	84.6	73.5	110.3
115	41.0	31.7	47.5

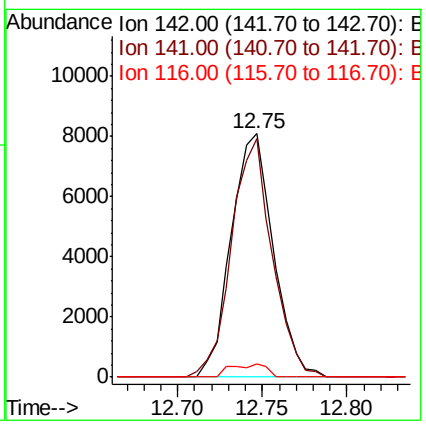


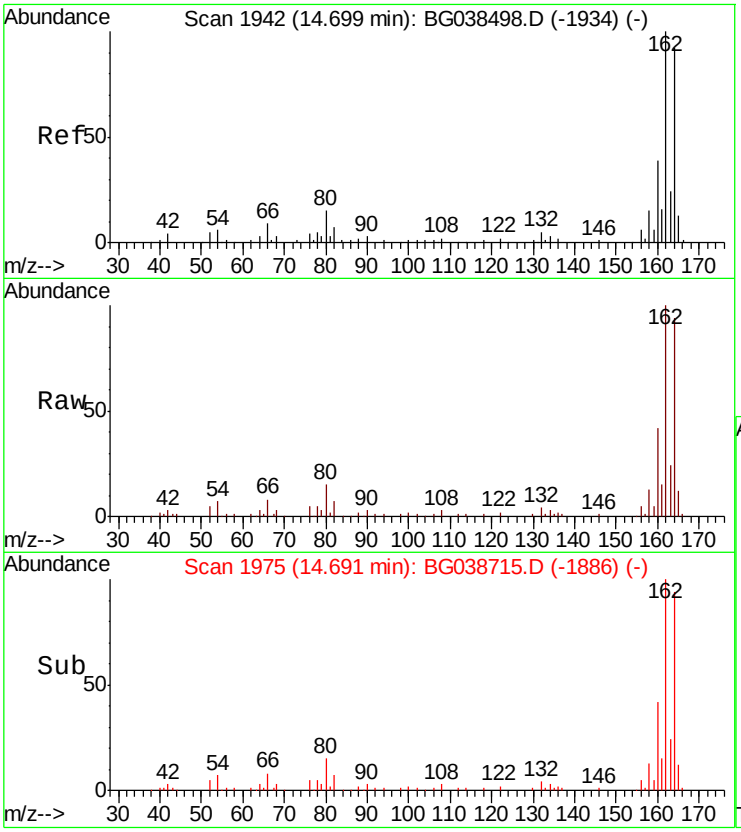


#38
1-Methylnaphthalene
Concen: 4.402 ng
RT: 12.75 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BG038715.D
Acq: 19 Dec 2018 5:52

Tgt Ion:142 Resp: 14059

Ion	Ratio	Lower	Upper
142	100		
141	98.0	75.8	113.8
116	5.2	3.6	5.4



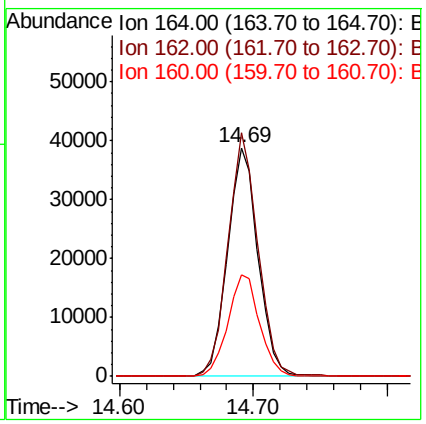


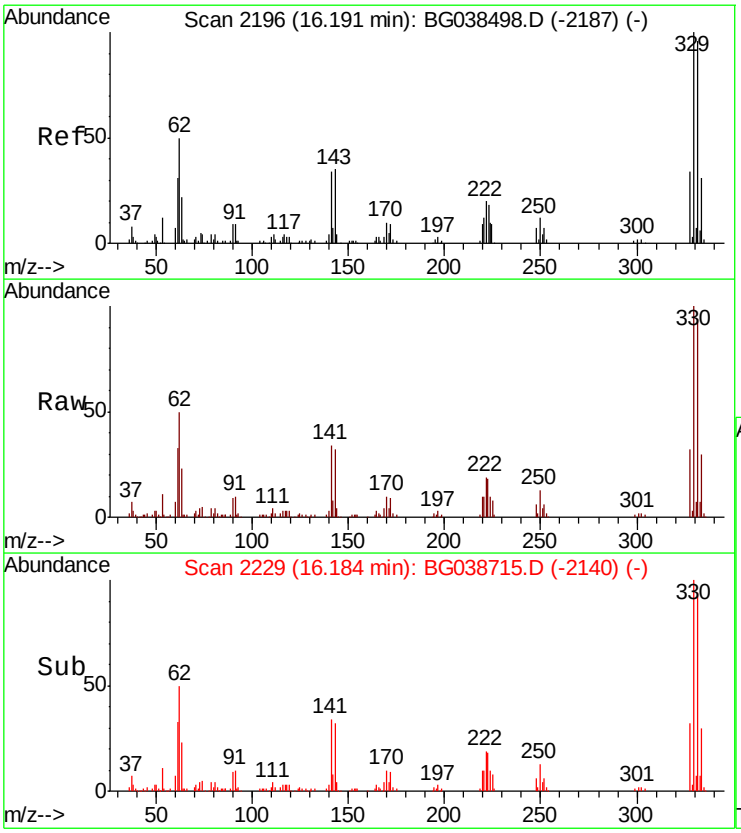
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG038715.D
Acq: 19 Dec 2018 5:52

Instrument :
BNA_G
ClientSampleId :
OILY-STONES

Tgt Ion:164 Resp: 61598

Ion	Ratio	Lower	Upper
164	100		
162	106.4	86.6	130.0
160	44.3	34.2	51.2

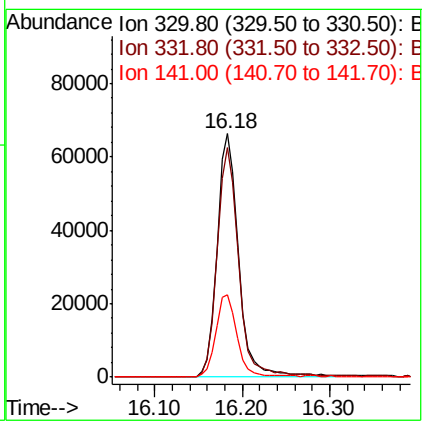


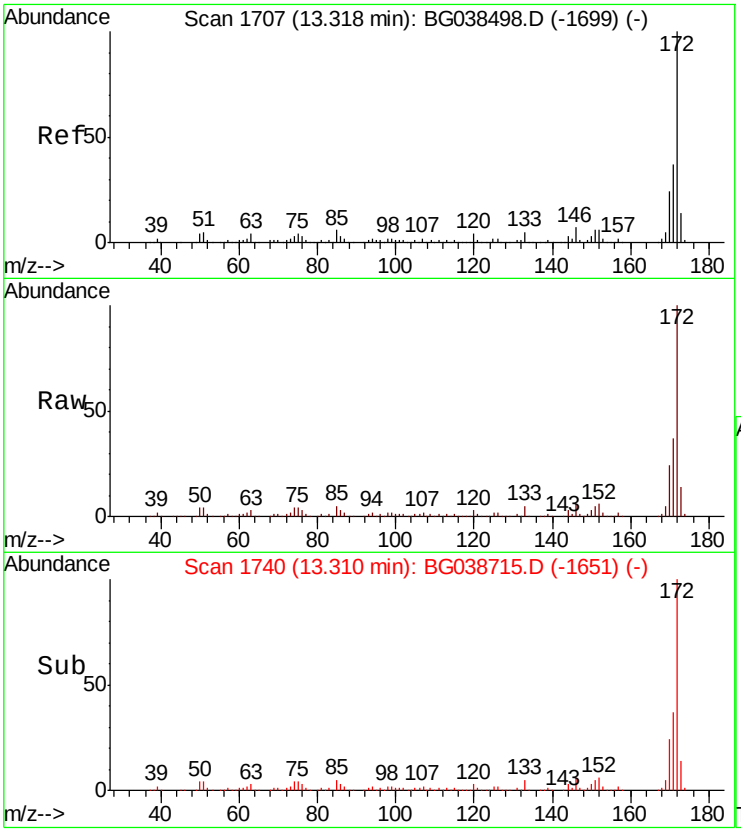


#42
2,4,6-Tribromophenol
Concen: 133.584 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BG038715.D
Acq: 19 Dec 2018 5:52

Tgt Ion:330 Resp: 113404

Ion	Ratio	Lower	Upper
330	100		
332	93.9	76.9	115.3
141	33.8	28.8	43.2



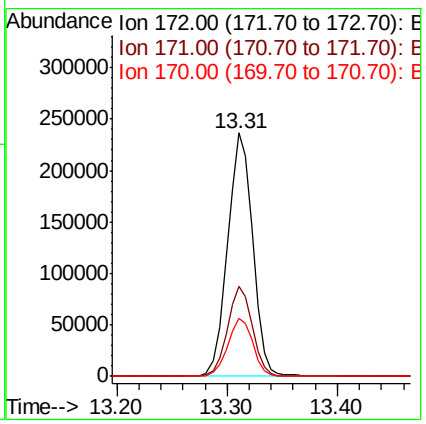


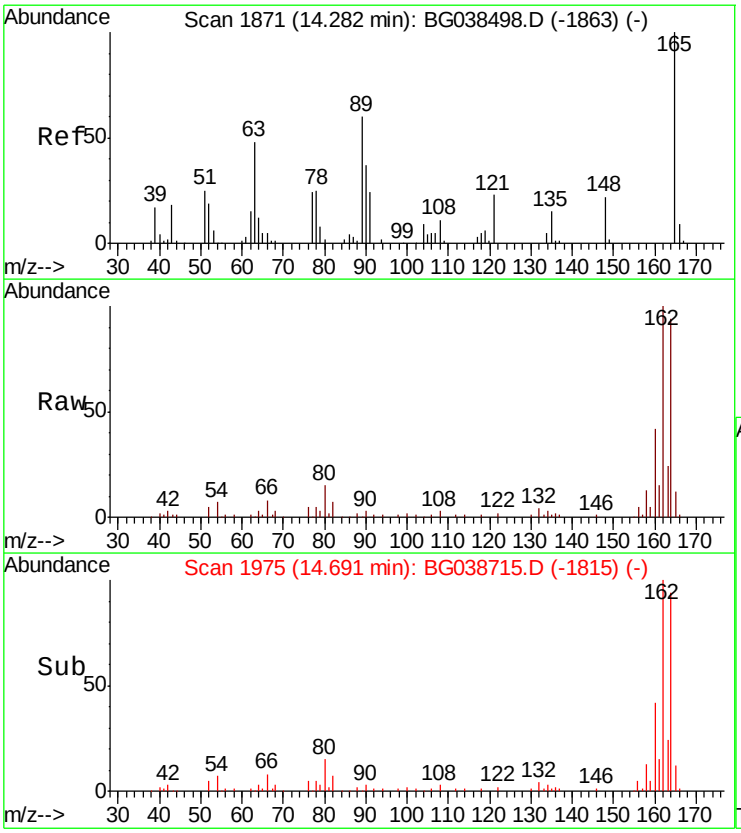
#45
2-Fluorobiphenyl
Concen: 83.969 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG038715.D
Acq: 19 Dec 2018 5:52

Instrument :
BNA_G
ClientSampleId :
OILY-STONES

Tgt Ion:172 Resp: 377031

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.8	44.6
170	23.6	19.5	29.3

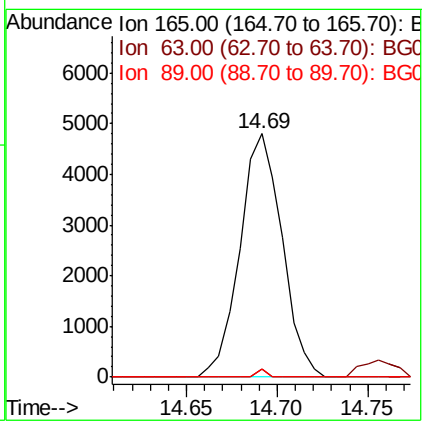


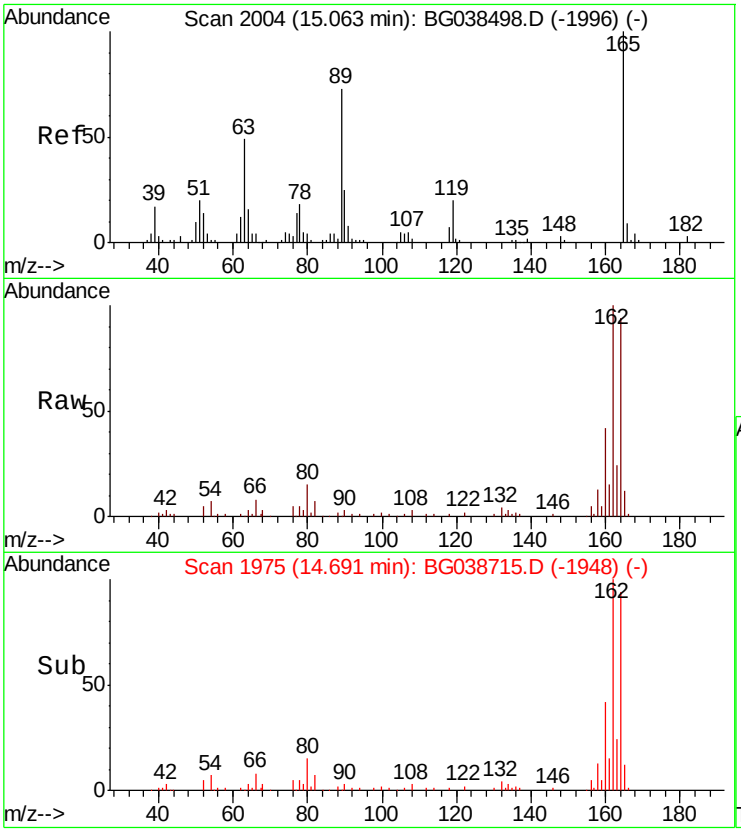


#51
2,6-Dinitrotoluene
Concen: 6.791 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.41 min
Lab File: BG038715.D
Acq: 19 Dec 2018 5:52

Tgt Ion:165 Resp: 7741

Ion	Ratio	Lower	Upper
165	100		
63	3.6	51.8	77.6#
89	3.2	47.9	71.9#



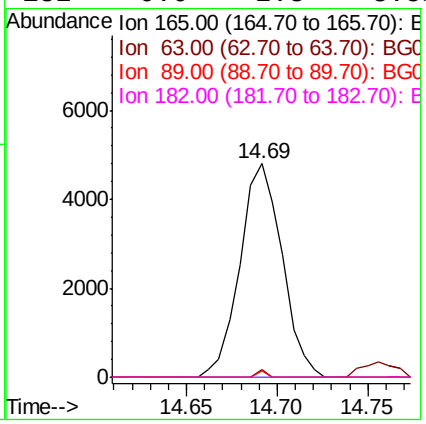


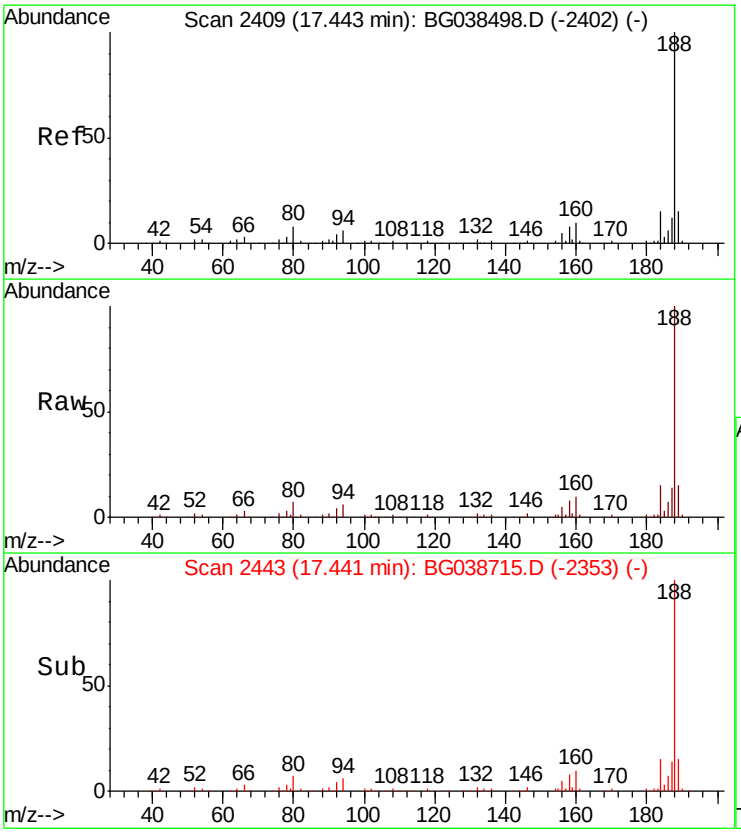
#57
2,4-Dinitrotoluene
Concen: 4.821 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.37 min
Lab File: BG038715.D
Acq: 19 Dec 2018 5:52

Instrument :
BNA_G
ClientSampleId :
OILY-STONES

Tgt Ion:165 Resp: 7741

Ion	Ratio	Lower	Upper
165	100		
63	3.6	39.0	58.4#
89	3.2	58.0	87.0#
182	0.0	2.3	3.5#

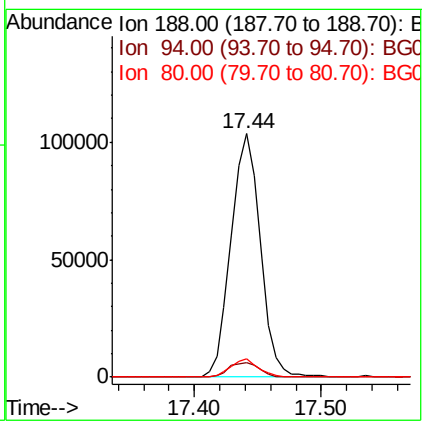


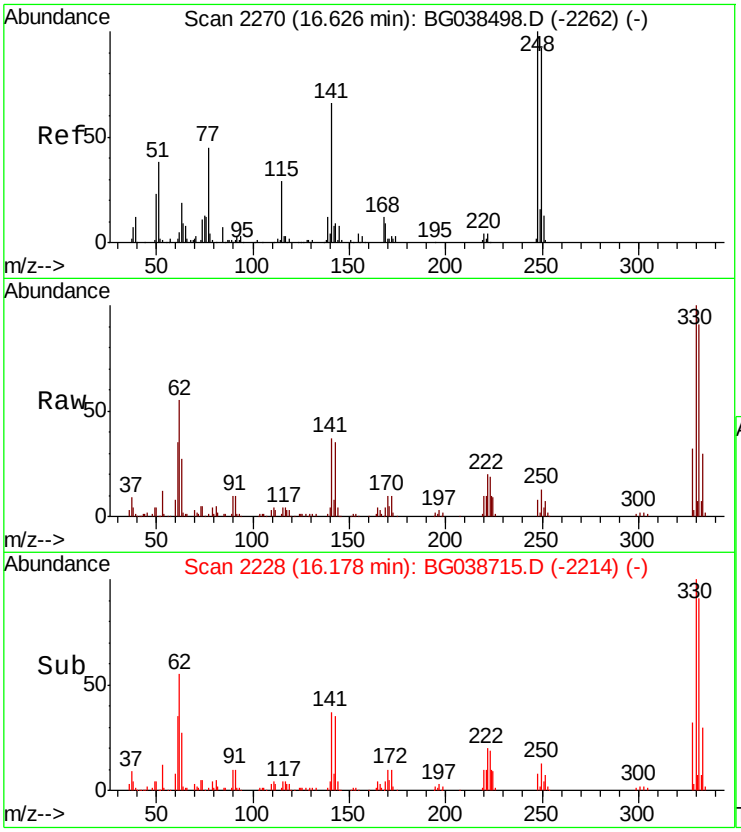


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038715.D
Acq: 19 Dec 2018 5:52

Tgt Ion:188 Resp: 165544

Ion	Ratio	Lower	Upper
188	100		
94	5.9	5.1	7.7
80	7.4	6.1	9.1



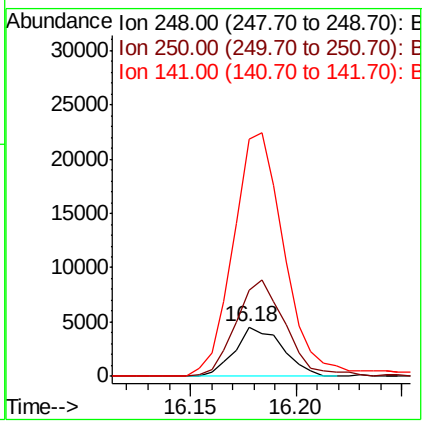


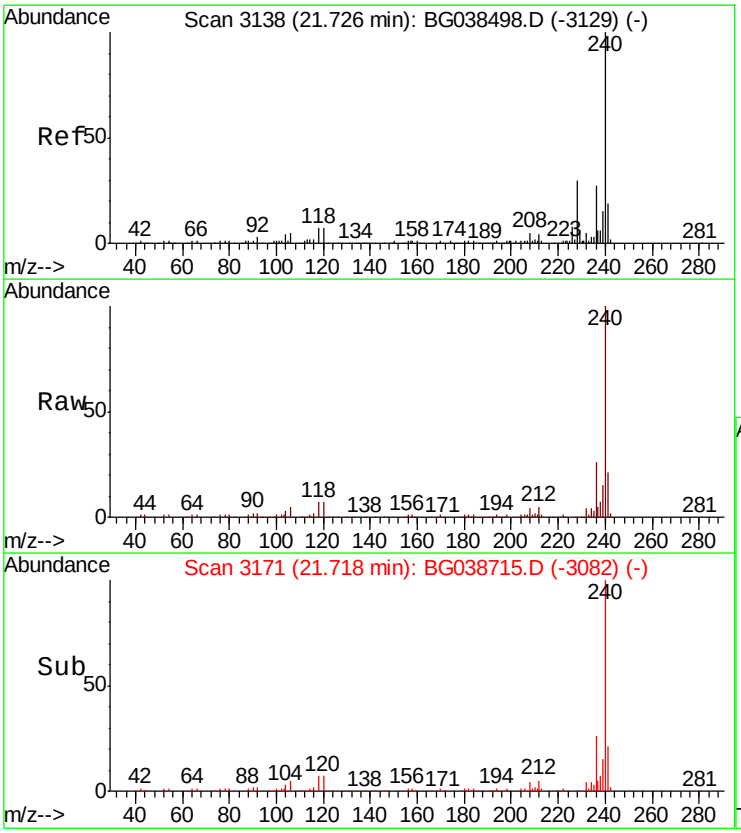
#67
4-Bromophenyl-phenylether
Concen: 3.494 ng
RT: 16.18 min Scan# 2228
Delta R.T. -0.45 min
Lab File: BG038715.D
Acq: 19 Dec 2018 5:52

Instrument :
BNA_G
ClientSampleId :
OILY-STONES

Tgt Ion:248 Resp: 7064

Ion	Ratio	Lower	Upper
248	100		
250	178.3	73.4	110.2#
141	376.4	52.9	79.3#

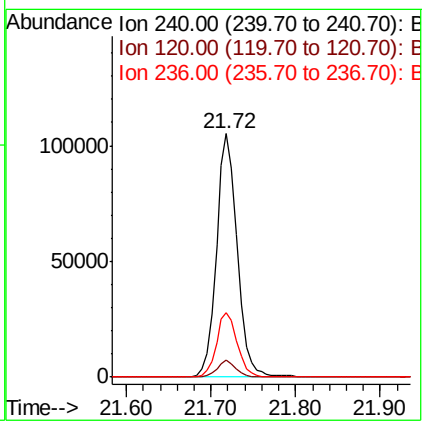


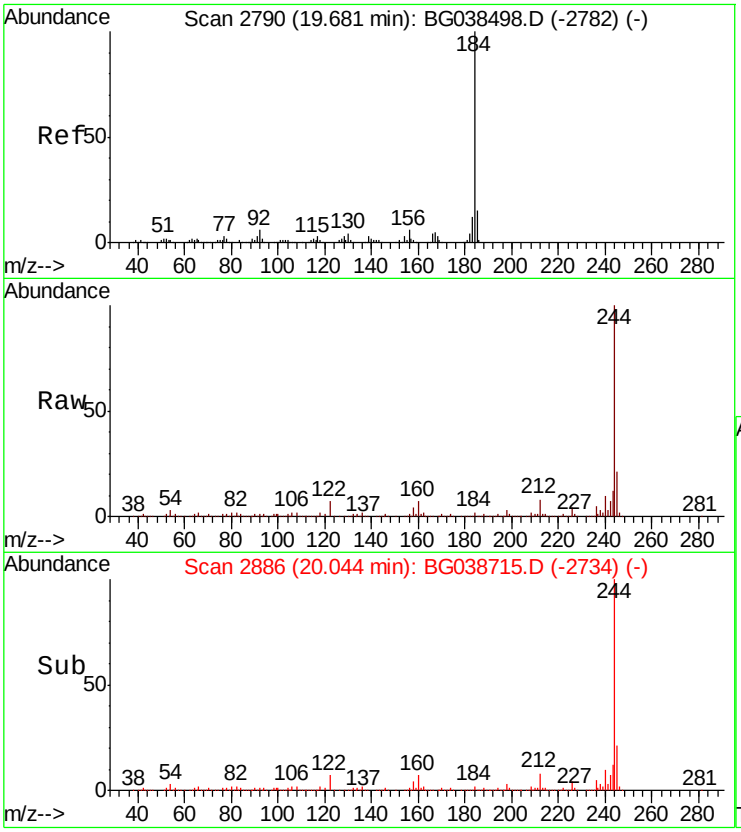


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038715.D
Acq: 19 Dec 2018 5:52

Tgt Ion:240 Resp: 179953

Ion	Ratio	Lower	Upper
240	100		
120	7.1	5.3	7.9
236	26.3	21.4	32.2



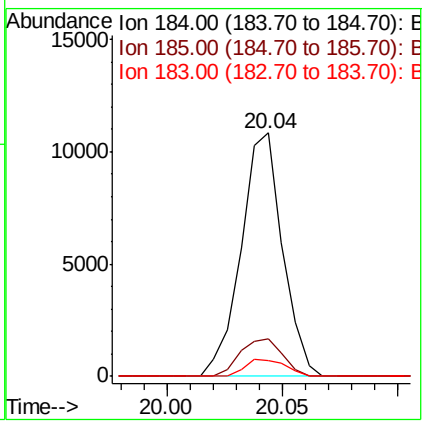


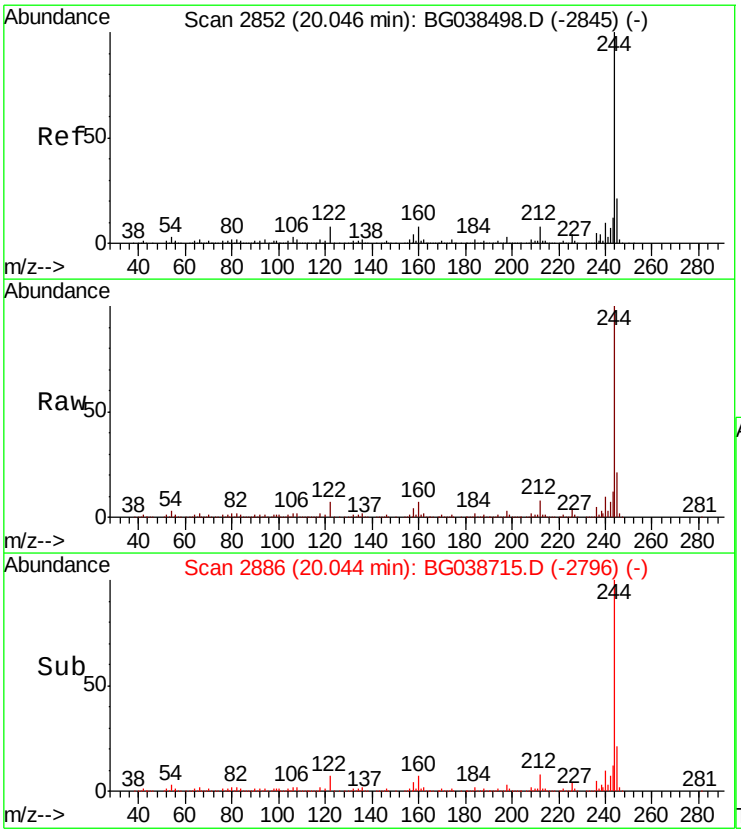
#77
Benzidine
Concen: 2.550 ng
RT: 20.04 min Scan# 2886
Delta R.T. 0.36 min
Lab File: BG038715.D
Acq: 19 Dec 2018 5:52

Instrument :
BNA_G
ClientSampleId :
OILY-STONES

Tgt Ion:184 Resp: 13569

Ion	Ratio	Lower	Upper
184	100		
185	15.3	12.2	18.2
183	6.7	9.6	14.4#

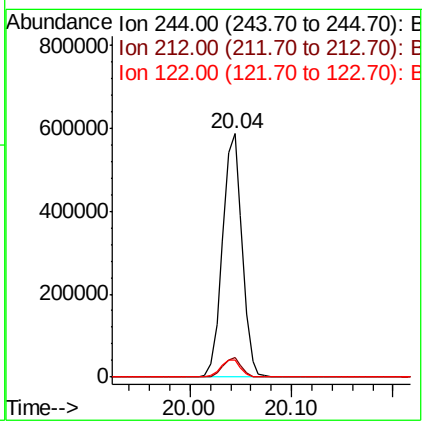


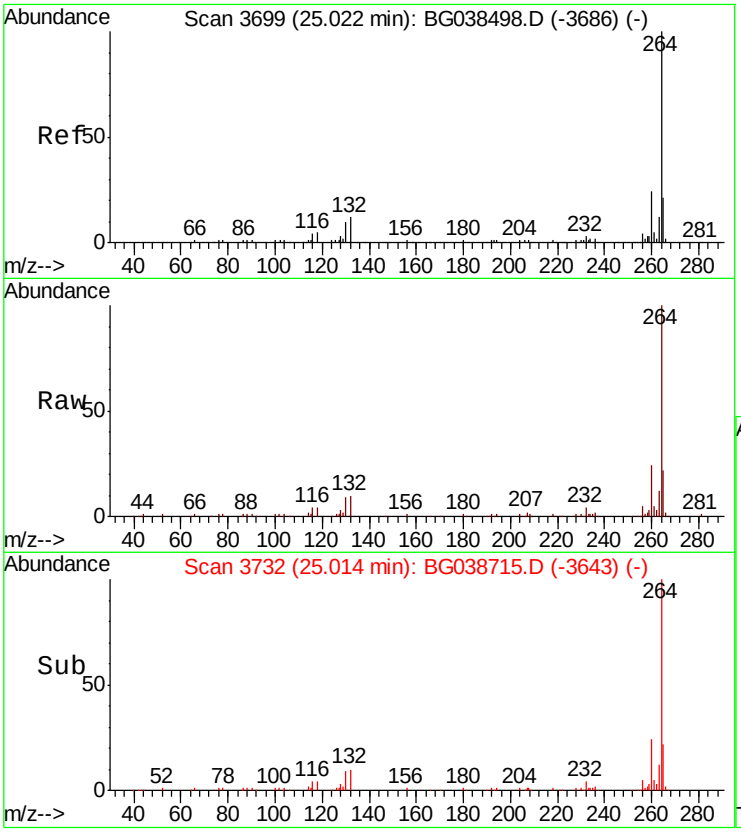


#79
Terphenyl-d14
Concen: 94.773 ng
RT: 20.04 min Scan# 2886
Delta R.T. -0.00 min
Lab File: BG038715.D
Acq: 19 Dec 2018 5:52

Tgt Ion:244 Resp: 783642

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	6.9	6.3	9.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3732
Delta R.T. -0.01 min
Lab File: BG038715.D
Acq: 19 Dec 2018 5:52

Instrument :
BNA_G
ClientSampleId :
OILY-STONES

Tgt Ion:264 Resp: 182597

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	21.9	17.0	25.4