Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010419\
Data File : BG038957.D
Acq On : 5 Jan 2019 10:12
Operator : JU/SJ
Sample : K1036-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jan 06 22:44:16 2019
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	26619	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	107933	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	73170	20.00	ng	-0.01
64) Phenanthrene-d10	17.43	188	160003	20.00	ng	0.00
76) Chrysene-d12	21.72	240	153683	20.00	ng	0.00
87) Perylene-d12	25.01	264	166218	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	127747	85.12	ng	0.00
7) Phenol-d6	7.21	99	181871	88.27	ng	0.00
23) Nitrobenzene-d5	9.23	82	117362	55.55	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	97947	97.13	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	334541	62.72	ng	-0.01
79) Terphenyl-d14	20.04	244	502251	71.12	ng	0.00
Target Compounds						Qvalue
6) Aniline	7.46	93	5443	2.070	ng	# 48
11) bis(2-Chloroethyl)ether	7.46	93	5443	3.123	ng	# 18
19) n-Nitroso-di-n-propylamine	9.23	70	17076	11.801	ng	# 72
51) 2,6-Dinitrotoluene	14.69	165	9745	7.197	ng	# 21
57) 2,4-Dinitrotoluene	14.69	165	9745	5.110	ng	# 23
67) 4-Bromophenyl-phenylether	16.18	248	6144	3.144	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010419\
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Acq On : 5 Jan 2019 10:12
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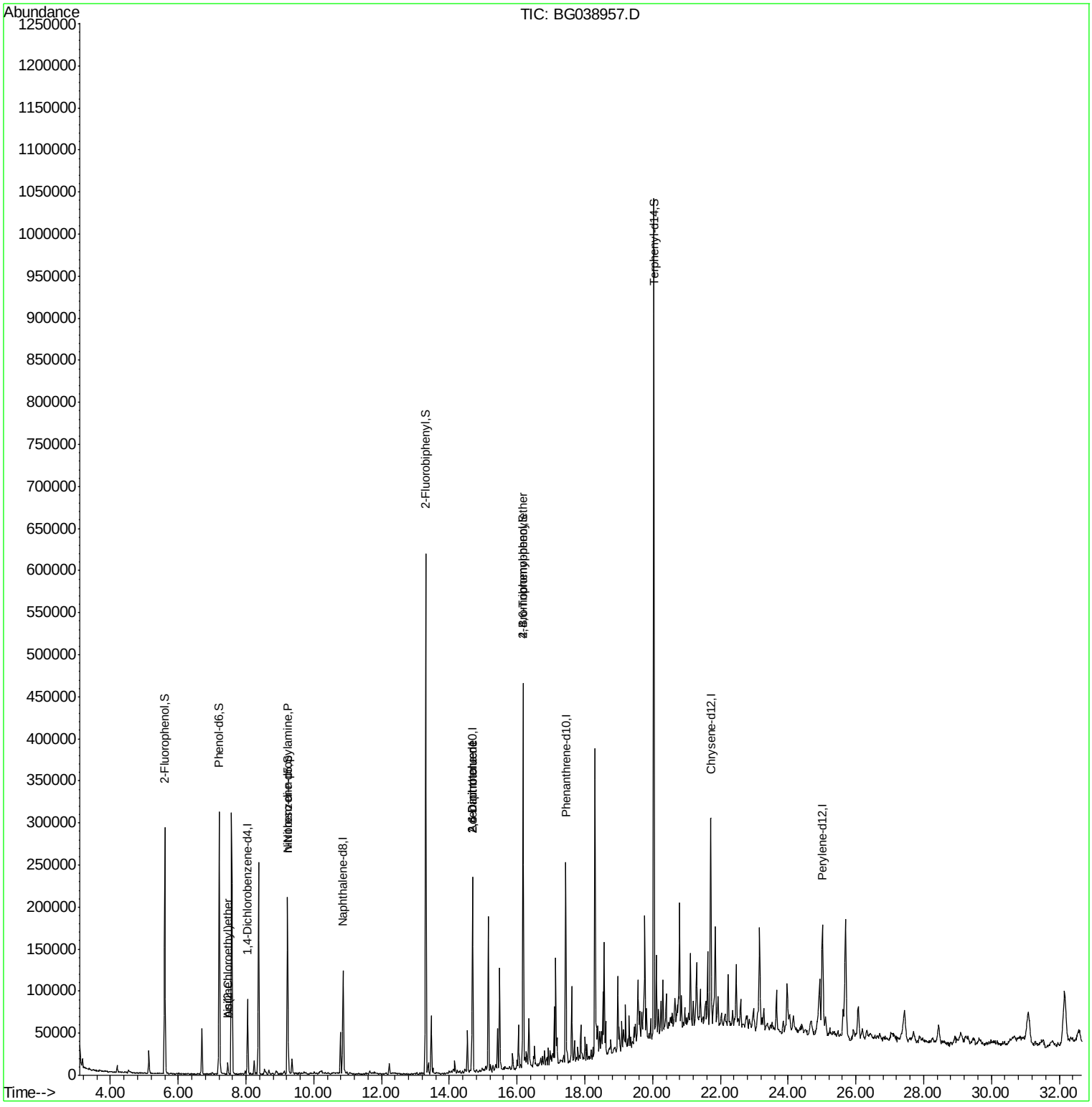
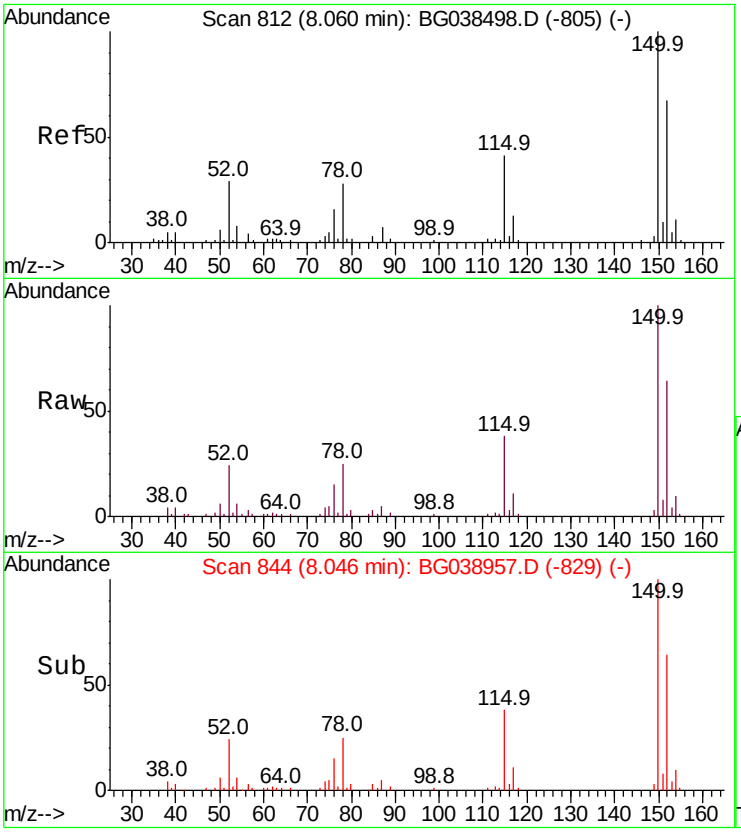
Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 06 22:44:16 2019
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



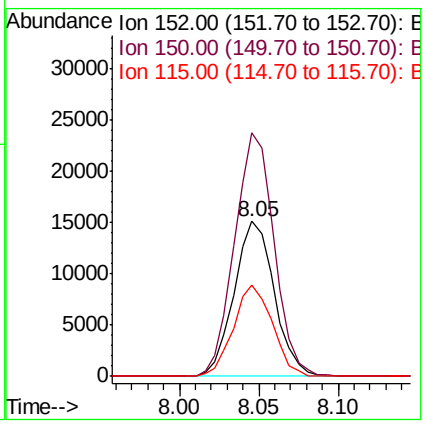


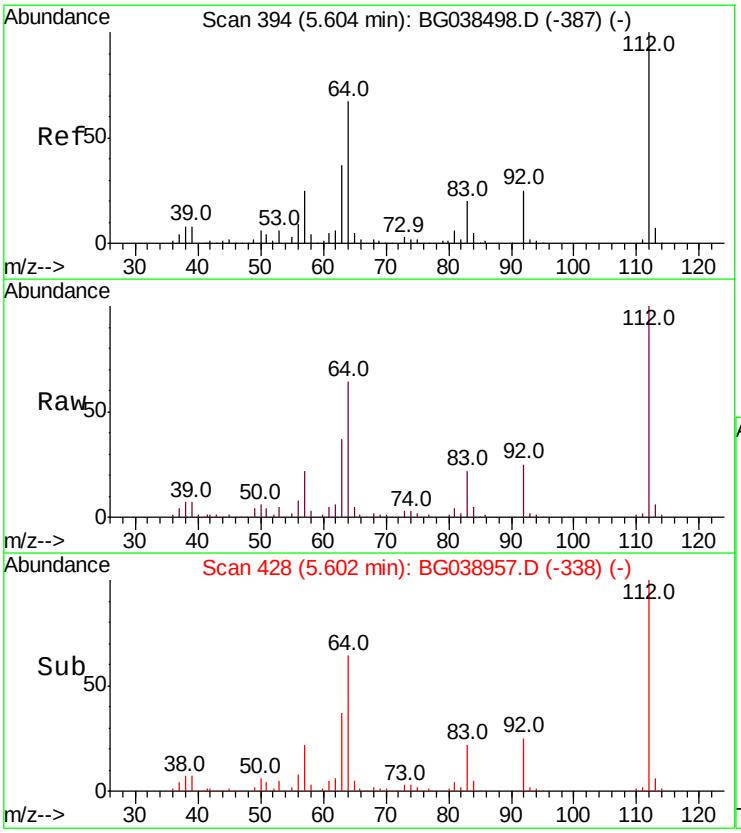
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG038957.D
Acq: 5 Jan 2019 10:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 26619

Ion	Ratio	Lower	Upper
152	100		
150	157.2	119.5	179.3
115	59.3	49.6	74.4

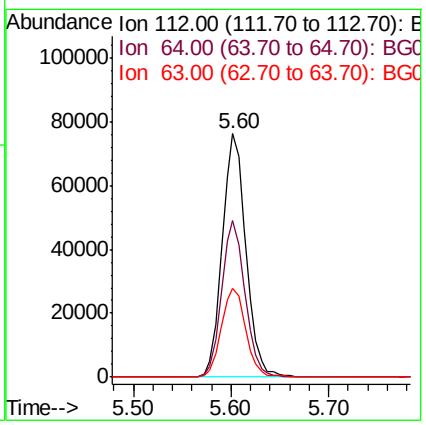


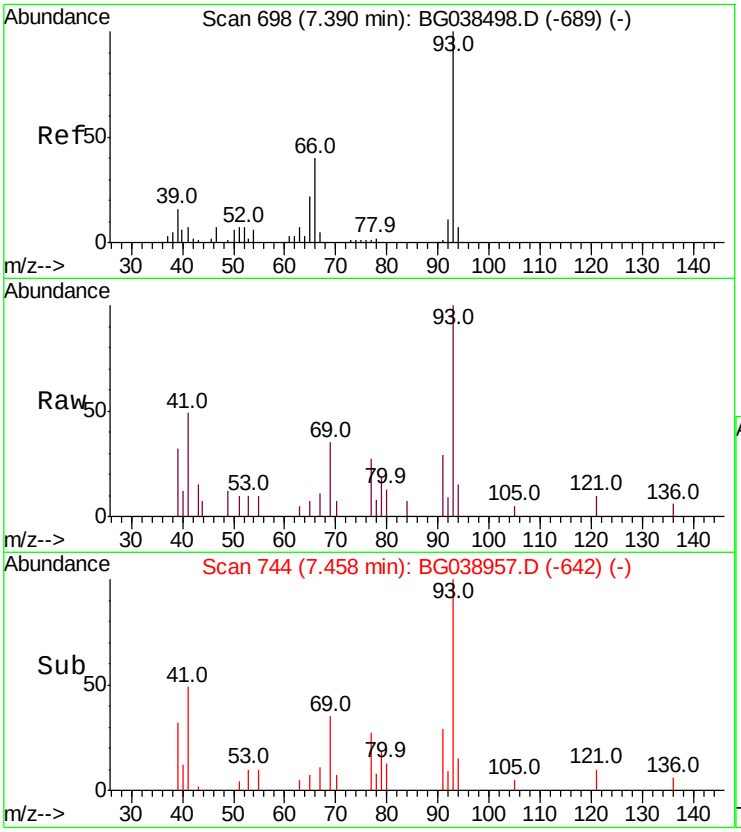


#5
2-Fluorophenol
Concen: 85.119 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.00 min
Lab File: BG038957.D
Acq: 5 Jan 2019 10:12

Tgt Ion:112 Resp: 127747

Ion	Ratio	Lower	Upper
112	100		
64	64.4	53.4	80.2
63	36.5	29.3	43.9



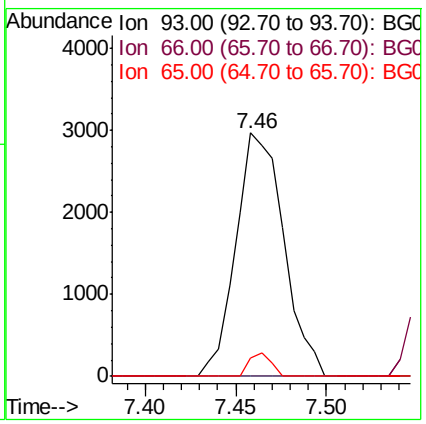


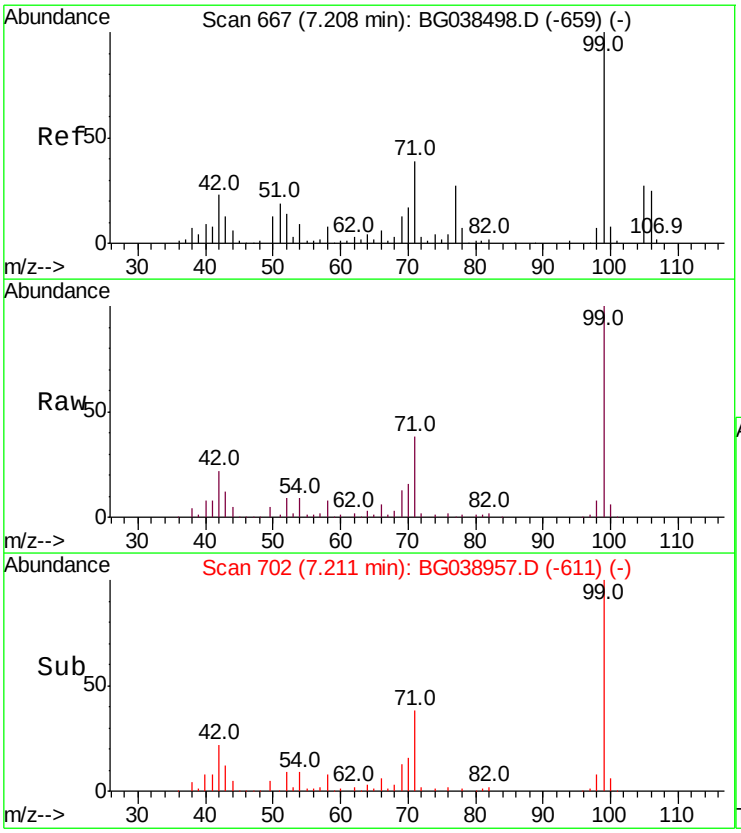
#6
Aniline
Concen: 2.070 ng
RT: 7.46 min Scan# 744
Delta R.T. 0.07 min
Lab File: BG038957.D
Acq: 5 Jan 2019 10:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 93 Resp: 5443

Ion	Ratio	Lower	Upper
93	100		
66	0.0	31.7	47.5#
65	7.3	17.8	26.6#

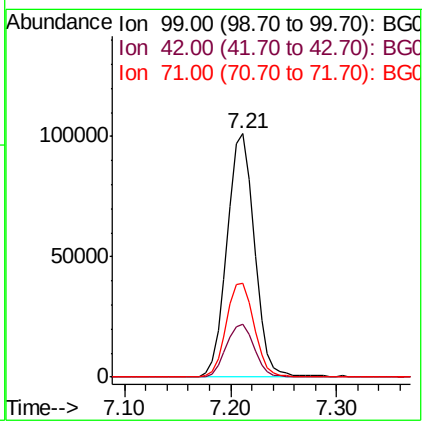


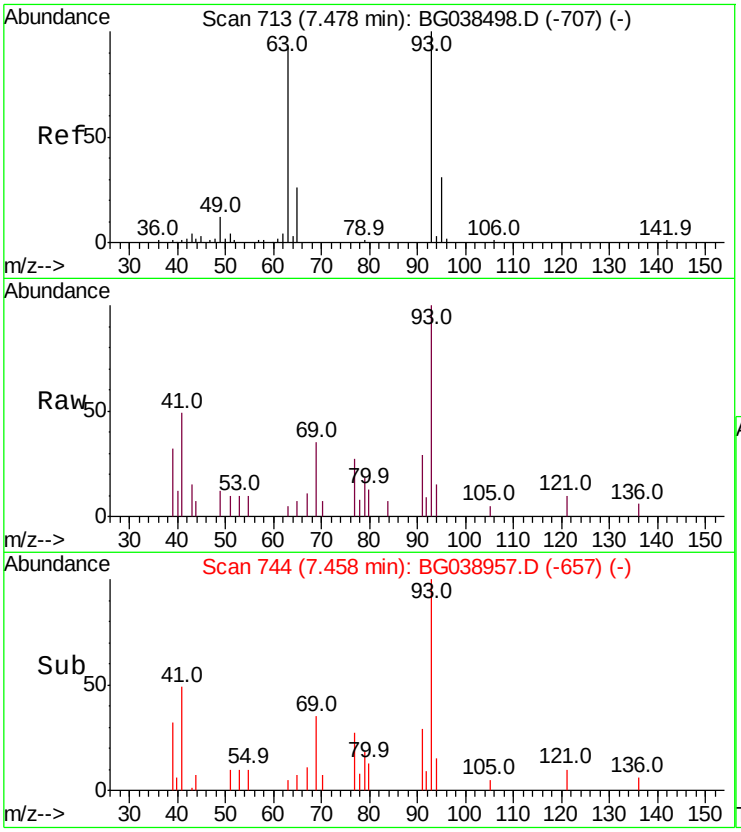


#7
Phenol-d6
Concen: 88.274 ng
RT: 7.21 min Scan# 702
Delta R.T. 0.00 min
Lab File: BG038957.D
Acq: 5 Jan 2019 10:12

Tgt Ion: 99 Resp: 181871

Ion	Ratio	Lower	Upper
99	100		
42	22.0	18.5	27.7
71	38.3	31.1	46.7



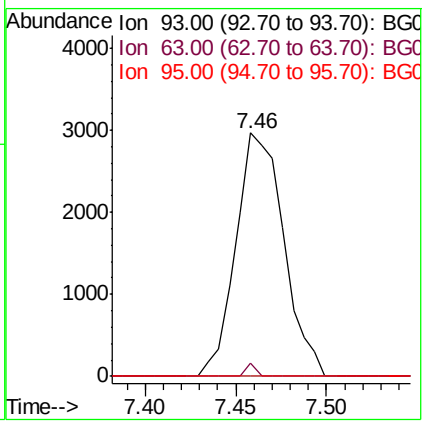


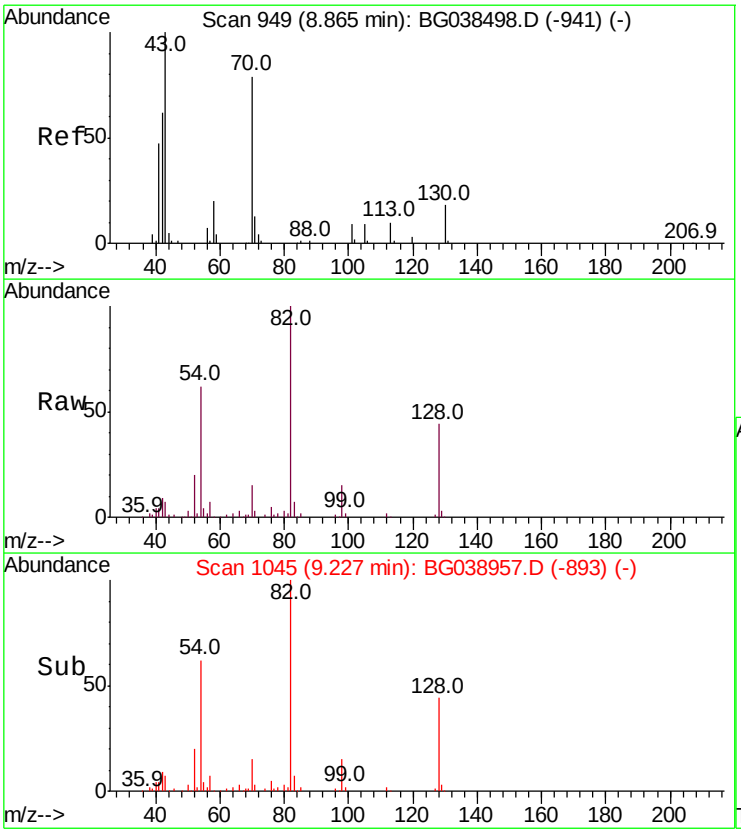
#11
bis(2-Chloroethyl)ether
Concen: 3.123 ng
RT: 7.46 min Scan# 744
Delta R.T. -0.02 min
Lab File: BG038957.D
Acq: 5 Jan 2019 10:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 93 Resp: 5443

Ion	Ratio	Lower	Upper
93	100		
63	5.5	72.2	112.2#
95	0.0	11.2	51.2#

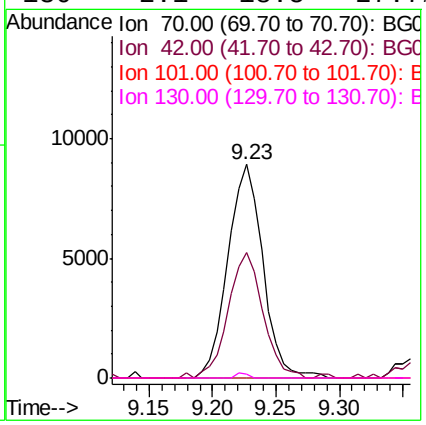


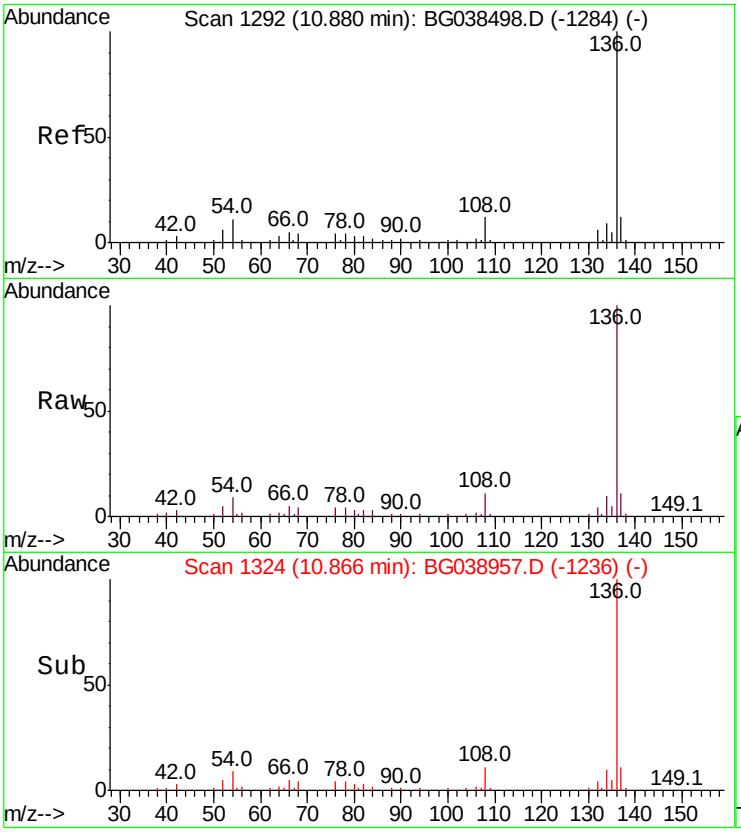


#19
n-Nitroso-di-n-propylamine
Concen: 11.801 ng
RT: 9.23 min Scan# 1045
Delta R.T. 0.36 min
Lab File: BG038957.D
Acq: 5 Jan 2019 10:12

Tgt Ion: 70 Resp: 17076

Ion	Ratio	Lower	Upper
70	100		
42	58.6	63.6	95.4#
101	0.0	9.2	13.8#
130	2.1	18.5	27.7#



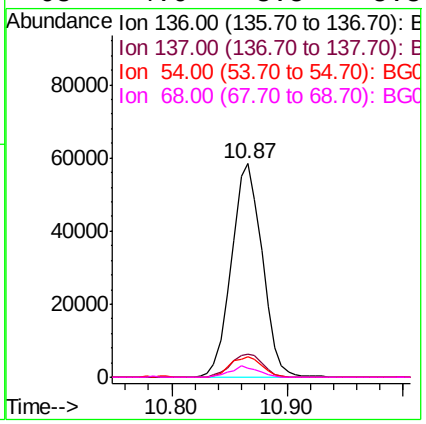


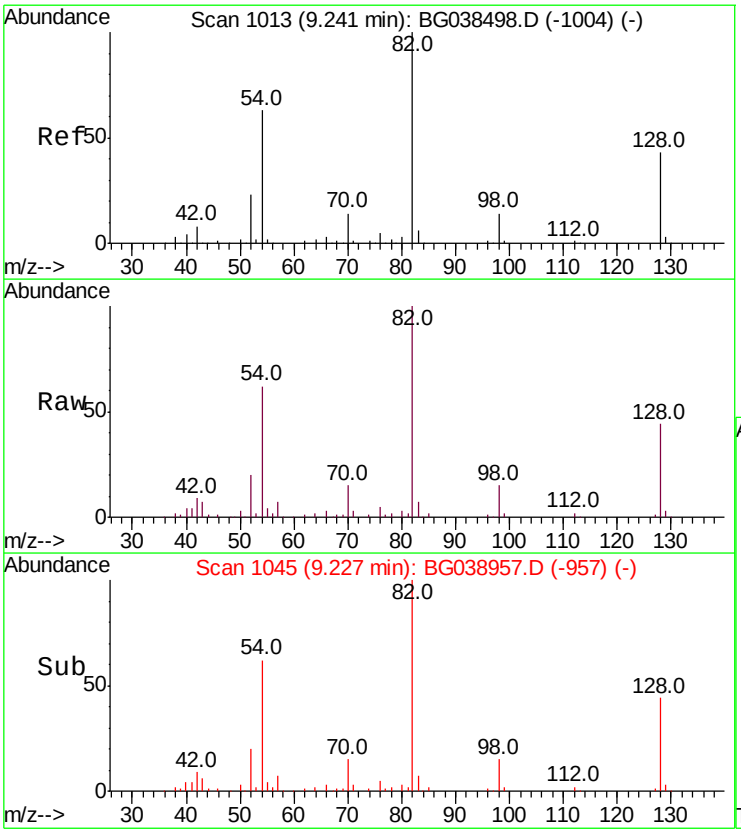
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG038957.D
Acq: 5 Jan 2019 10:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 107933

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.3	13.9
54	9.4	8.5	12.7
68	4.0	3.5	5.3

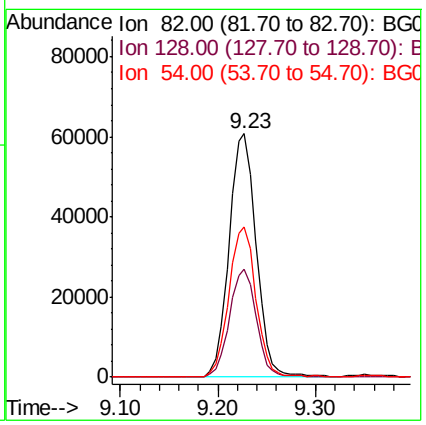


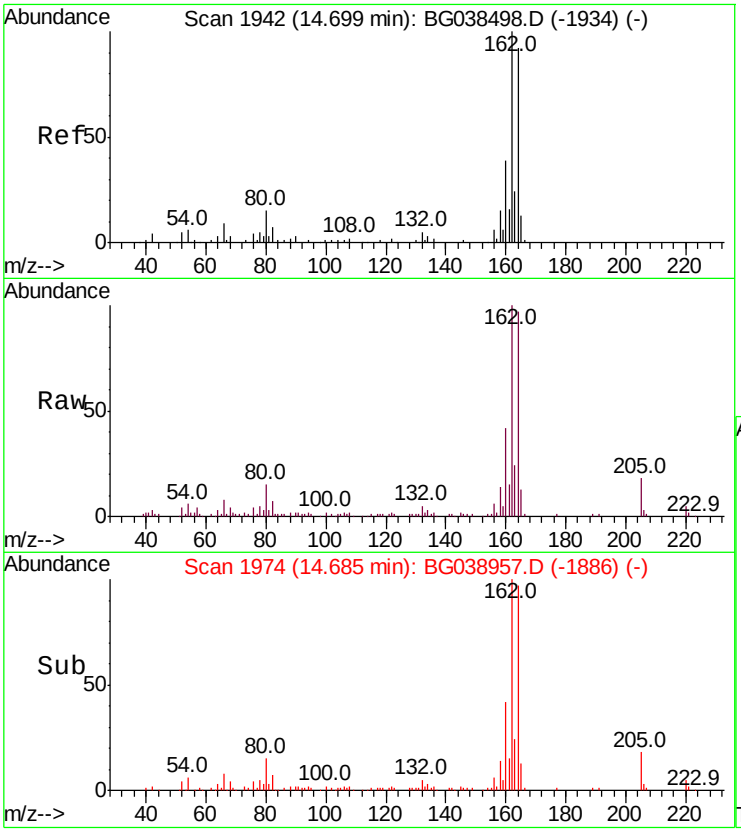


#23
Nitrobenzene-d5
Concen: 55.550 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG038957.D
Acq: 5 Jan 2019 10:12

Tgt Ion: 82 Resp: 117362

Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.6	52.0
54	61.7	50.6	76.0



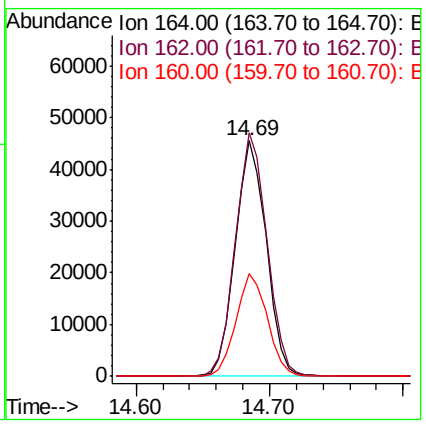


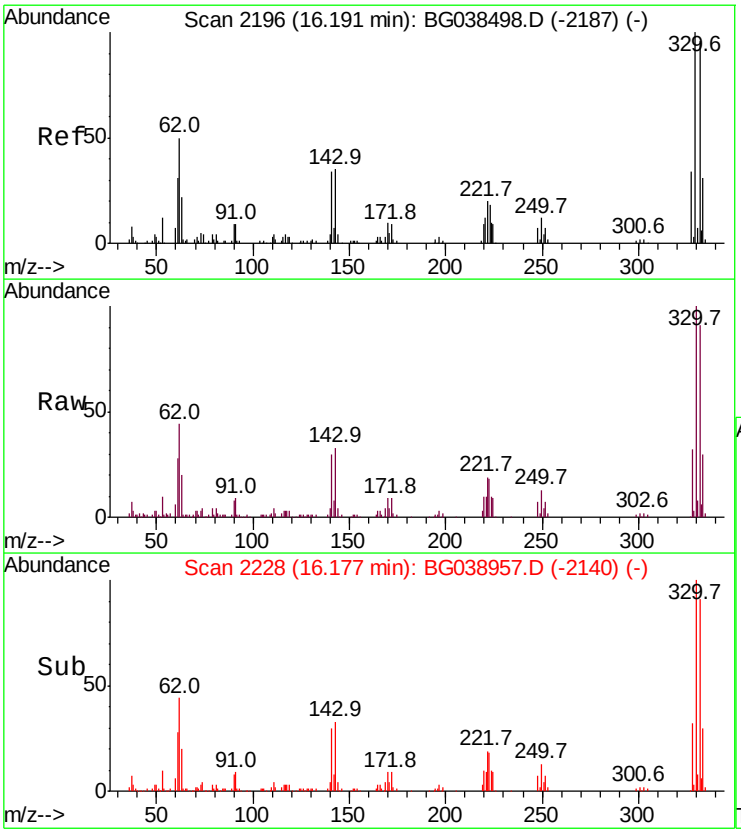
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG038957.D
Acq: 5 Jan 2019 10:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 73170

Ion	Ratio	Lower	Upper
164	100		
162	103.4	86.6	130.0
160	43.8	34.2	51.2

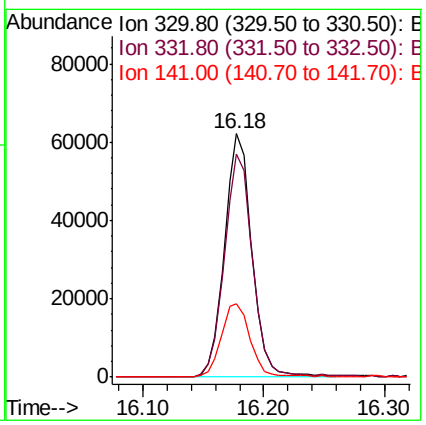


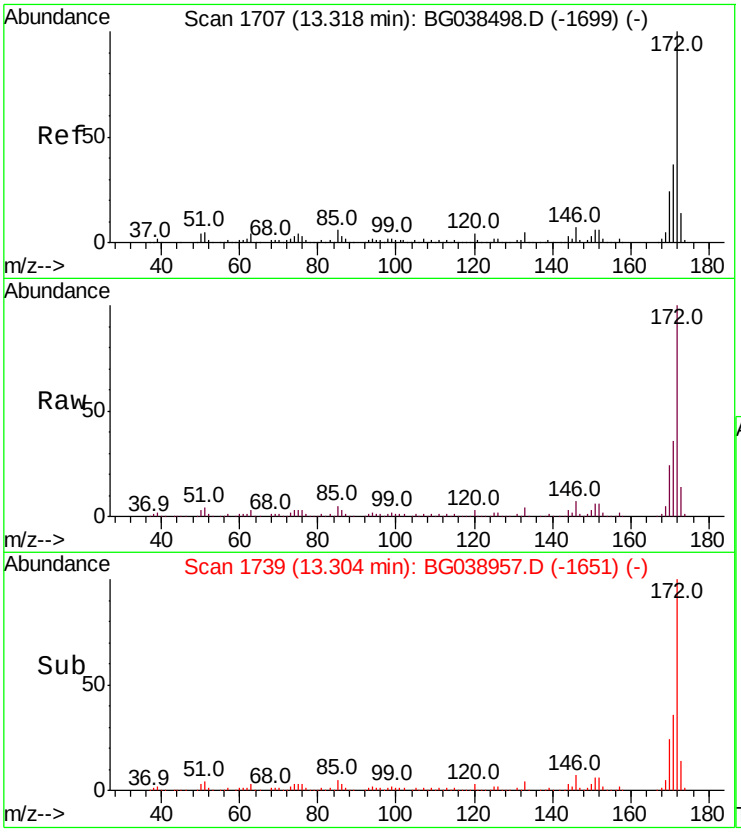


#42
2,4,6-Tribromophenol
Concen: 97.130 ng
RT: 16.18 min Scan# 2228
Delta R.T. -0.01 min
Lab File: BG038957.D
Acq: 5 Jan 2019 10:12

Tgt Ion:330 Resp: 97947

Ion	Ratio	Lower	Upper
330	100		
332	93.5	76.9	115.3
141	32.2	28.8	43.2



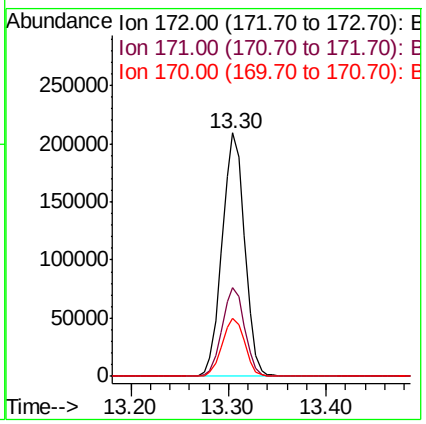


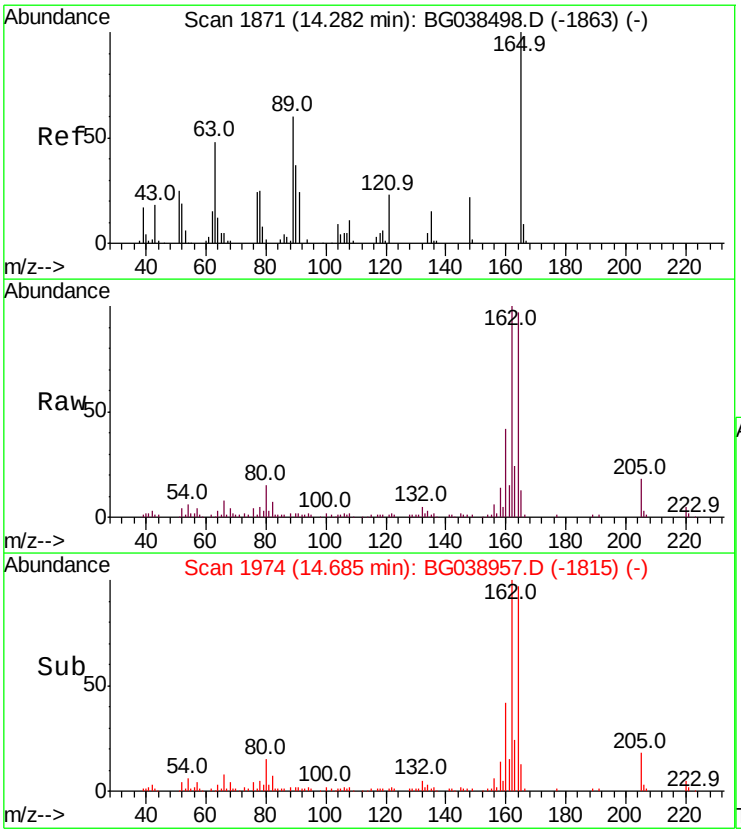
#45
2-Fluorobiphenyl
Concen: 62.722 ng
RT: 13.30 min Scan# 1739
Delta R.T. -0.01 min
Lab File: BG038957.D
Acq: 5 Jan 2019 10:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 334541

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.8	44.6
170	24.1	19.5	29.3

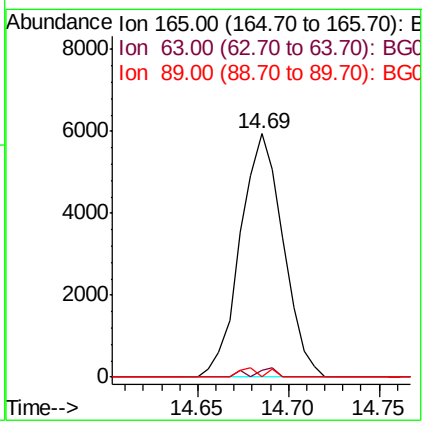


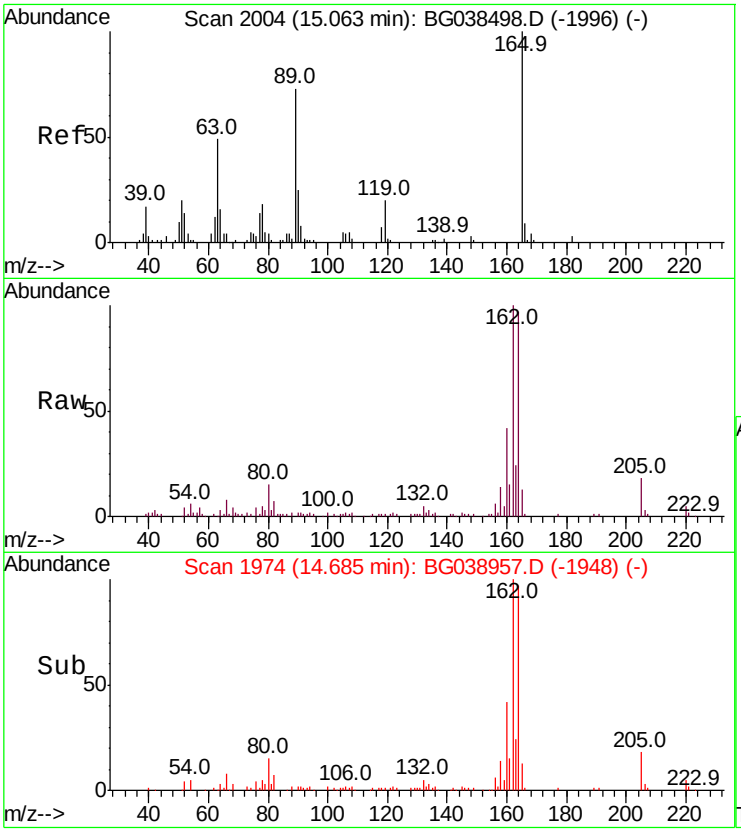


#51
2,6-Dinitrotoluene
Concen: 7.197 ng
RT: 14.69 min Scan# 1974
Delta R.T. 0.40 min
Lab File: BG038957.D
Acq: 5 Jan 2019 10:12

Tgt Ion:165 Resp: 9745

Ion	Ratio	Lower	Upper
165	100		
63	3.0	51.8	77.6#
89	0.0	47.9	71.9#



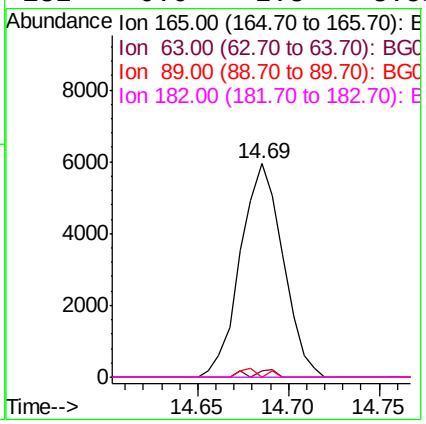


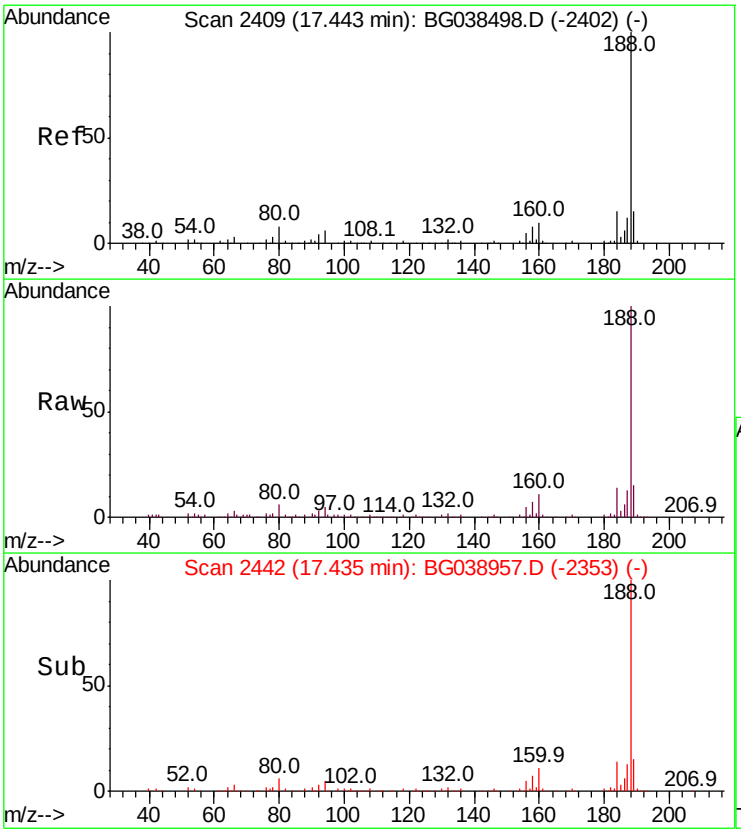
#57
2,4-Dinitrotoluene
Concen: 5.110 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.38 min
Lab File: BG038957.D
Acq: 5 Jan 2019 10:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 9745

Ion	Ratio	Lower	Upper
165	100		
63	3.0	39.0	58.4#
89	0.0	58.0	87.0#
182	0.0	2.3	3.5#

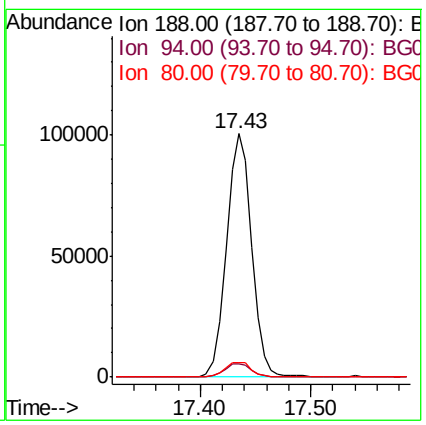


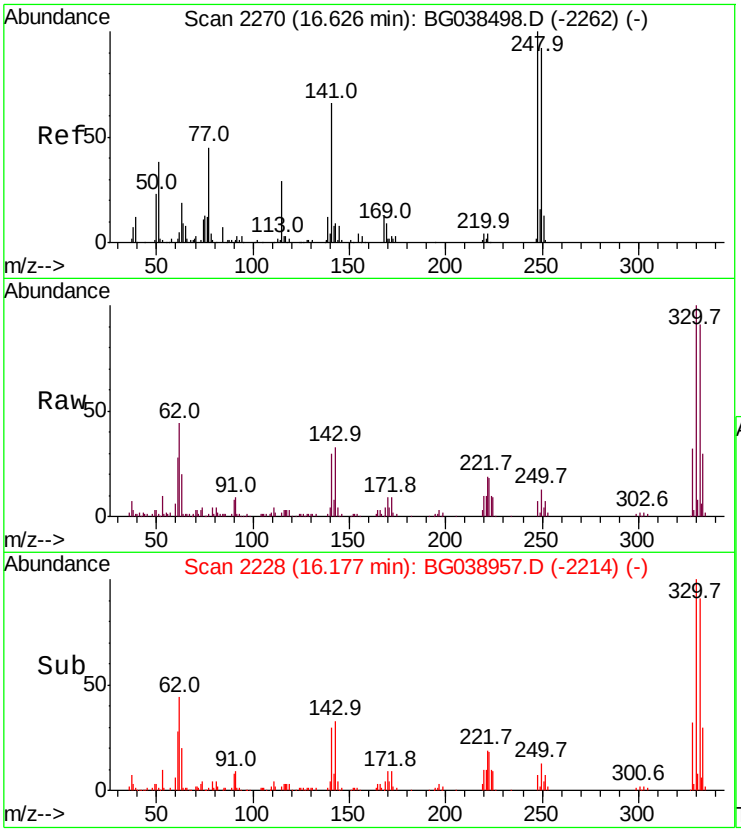


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG038957.D
Acq: 5 Jan 2019 10:12

Tgt Ion:188 Resp: 160003

Ion	Ratio	Lower	Upper
188	100		
94	5.3	5.1	7.7
80	6.2	6.1	9.1



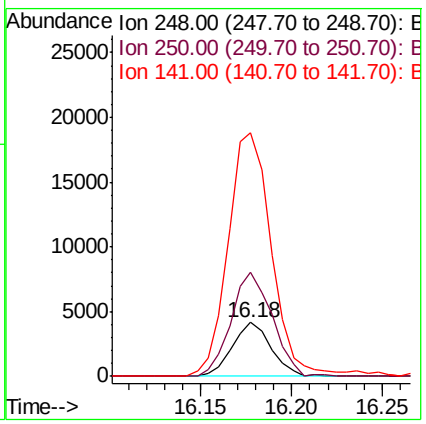


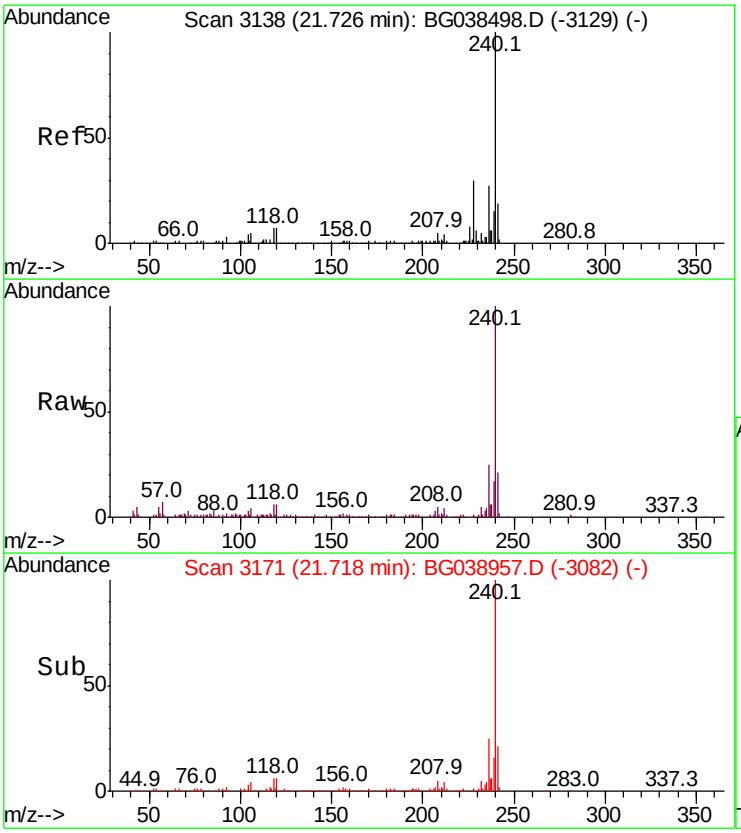
#67
4-Bromophenyl-phenylether
Concen: 3.144 ng
RT: 16.18 min Scan# 2228
Delta R.T. -0.45 min
Lab File: BG038957.D
Acq: 5 Jan 2019 10:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 6144

Ion	Ratio	Lower	Upper
248	100		
250	190.0	73.4	110.2#
141	338.2	52.9	79.3#

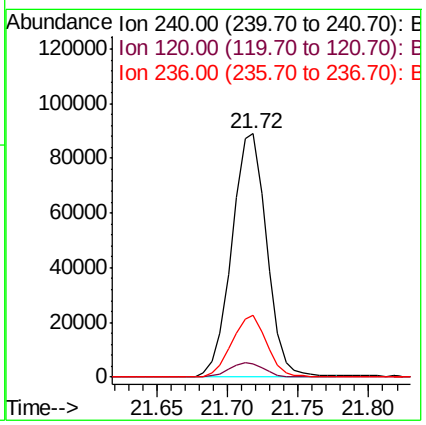


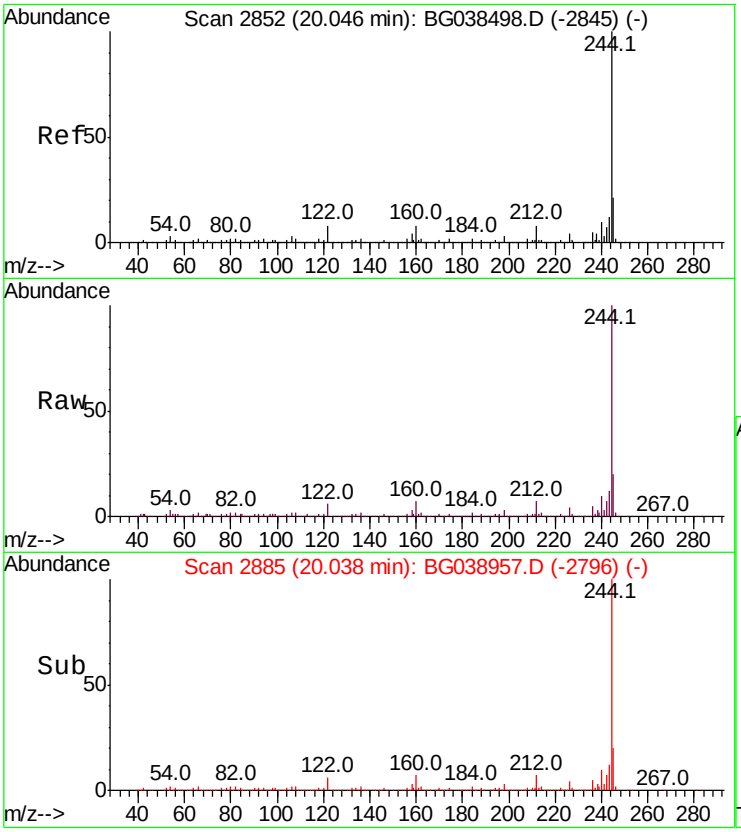


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038957.D
Acq: 5 Jan 2019 10:12

Tgt Ion:240 Resp: 153683

Ion	Ratio	Lower	Upper
240	100		
120	5.6	5.3	7.9
236	25.5	21.4	32.2



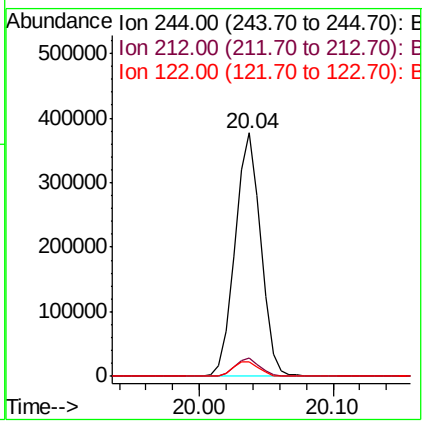


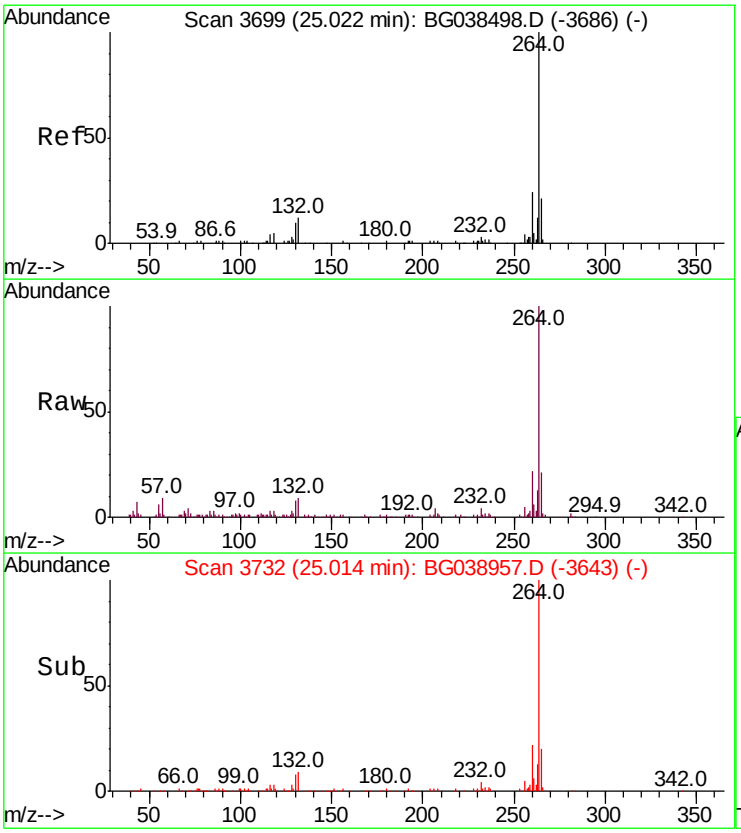
#79
Terphenyl-d14
Concen: 71.125 ng
RT: 20.04 min Scan# 2885
Delta R.T. -0.01 min
Lab File: BG038957.D
Acq: 5 Jan 2019 10:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 502251

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	6.2	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: BG038957.D
Acq: 5 Jan 2019 10:12

Tgt Ion:264 Resp: 166218

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.9	28.3
265	20.7	17.0	25.4