Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121918\
Data File : BG038737.D
Acq On : 19 Dec 2018 21:44
Operator : JU/SJ
Sample : J6465-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EB08_12-14

Quant Time: Dec 19 23:56:35 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	22829	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	90762	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	63603	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	169465	20.00	ng		0.00
76) Chrysene-d12	21.72	240	182082	20.00	ng		-0.01
87) Perylene-d12	25.02	264	189931	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	181170	140.76	ng		0.00
7) Phenol-d6	7.21	99	250467	141.75	ng		0.00
23) Nitrobenzene-d5	9.23	82	154451	86.94	ng		-0.01
42) 2,4,6-Tribromophenol	16.19	330	135856	154.99	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	409457	88.32	ng		0.00
79) Terphenyl-d14	20.04	244	844500	100.94	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.24	94	13024	6.938	ng		89
19) n-Nitroso-di-n-propylamine	9.24	70	20736	16.709	ng	#	69
50) Dimethylphthalate	14.14	163	26782	5.156	ng		99
51) 2,6-Dinitrotoluene	14.69	165	7950	6.754	ng	#	19
57) 2,4-Dinitrotoluene	14.69	165	7950	4.795	ng	#	21
67) 4-Bromophenyl-phenylether	16.19	248	8926	4.313	ng	#	1
77) Benzidine	20.04	184	14623	2.716	ng	#	95

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

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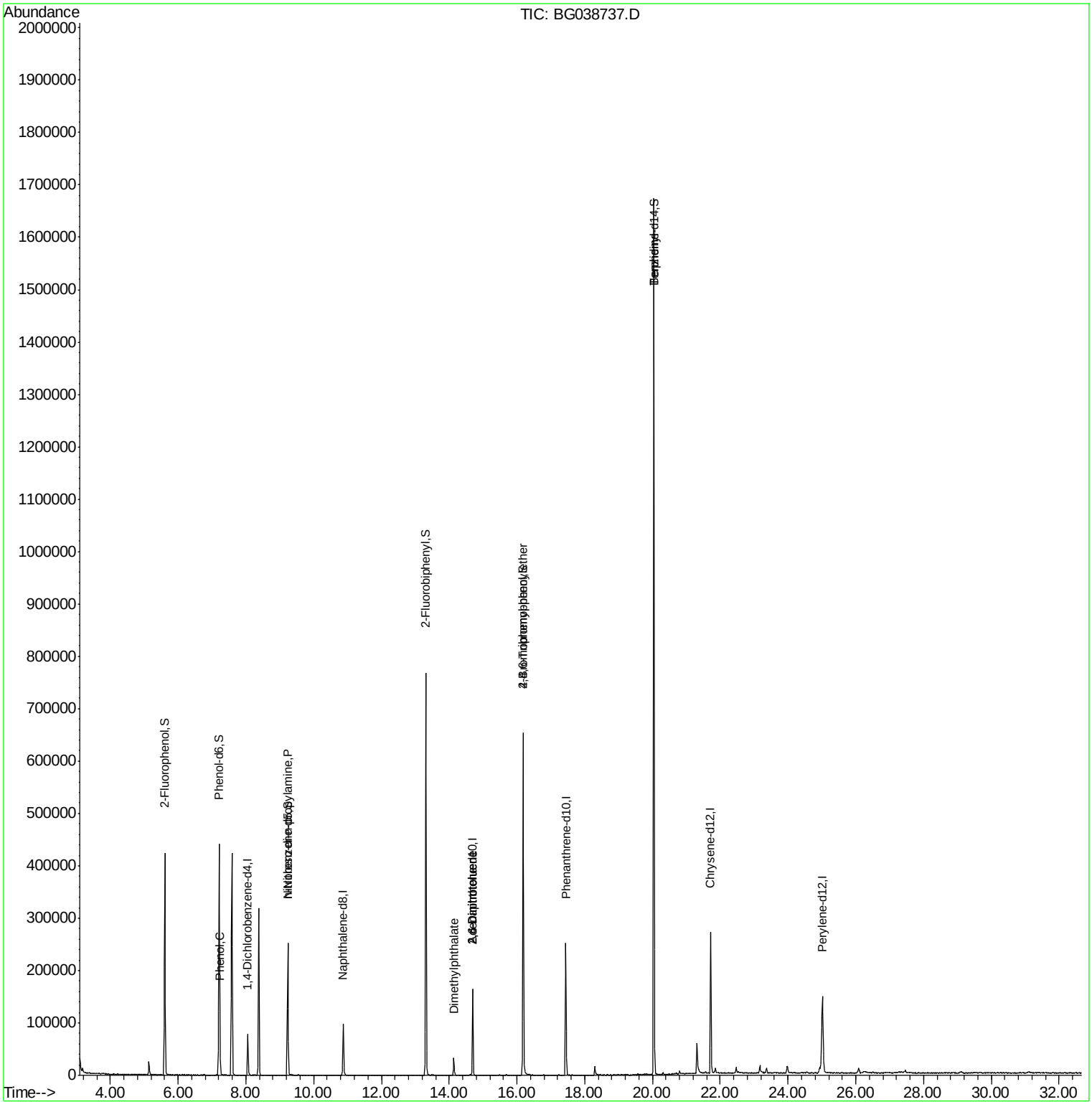
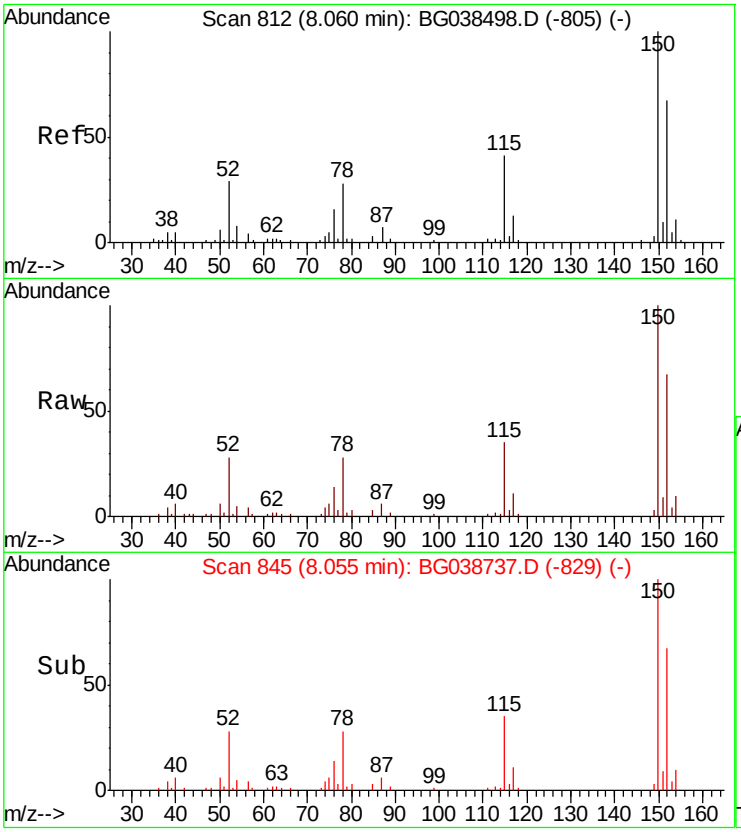
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration



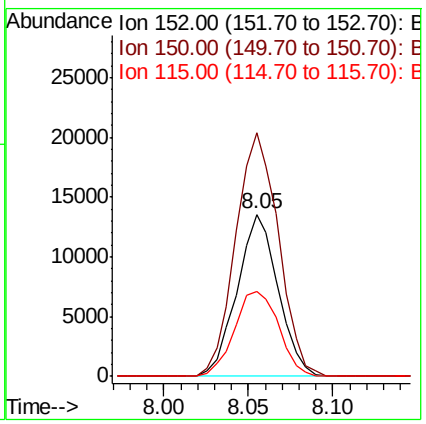


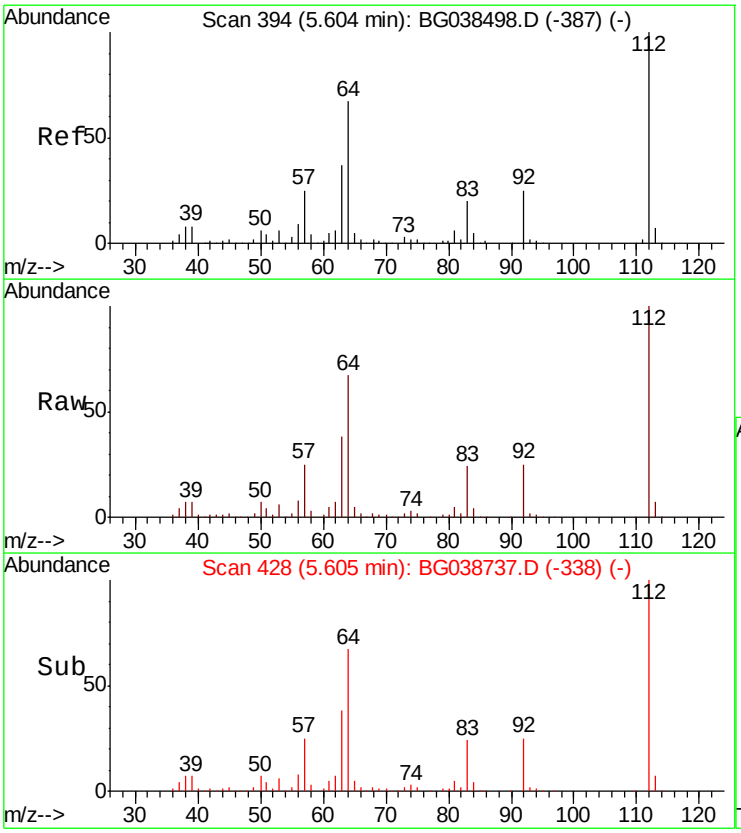
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG038737.D
Acq: 19 Dec 2018 21:44

Instrument :
BNA_G
ClientSampleId :
EB08_12-14

Tgt Ion:152 Resp: 22829

Ion	Ratio	Lower	Upper
152	100		
150	150.2	119.5	179.3
115	52.4	49.6	74.4

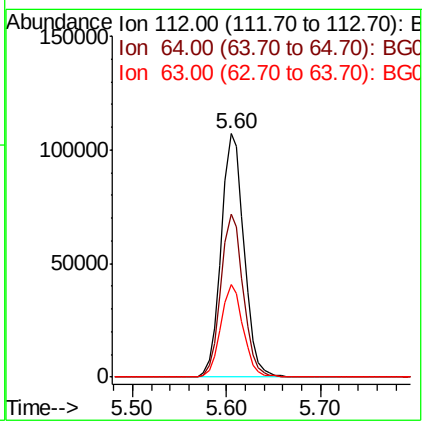


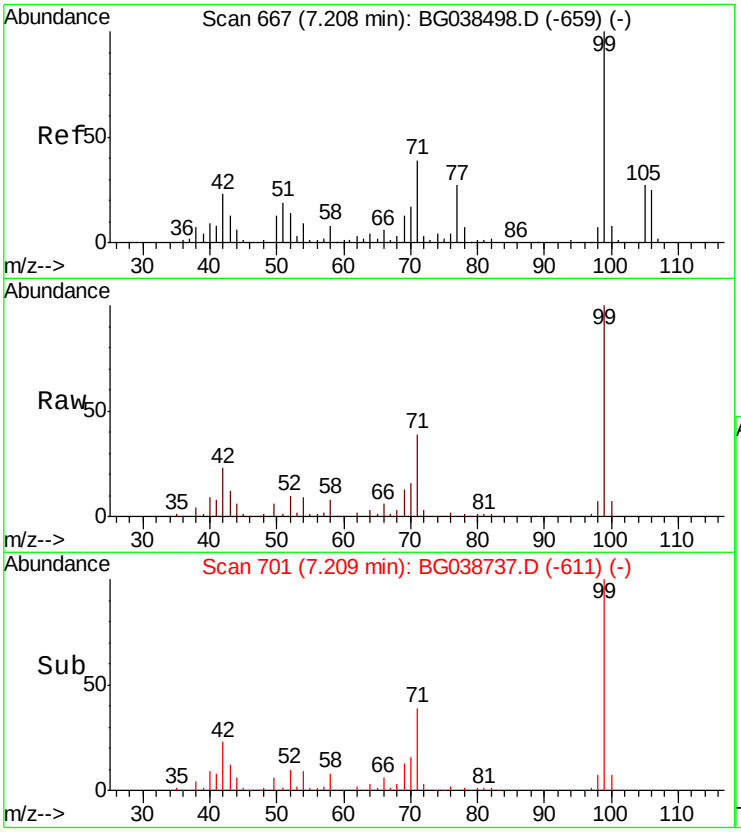


#5
2-Fluorophenol
Concen: 140.756 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG038737.D
Acq: 19 Dec 2018 21:44

Tgt Ion:112 Resp: 181170

Ion	Ratio	Lower	Upper
112	100		
64	66.8	53.4	80.2
63	38.1	29.3	43.9



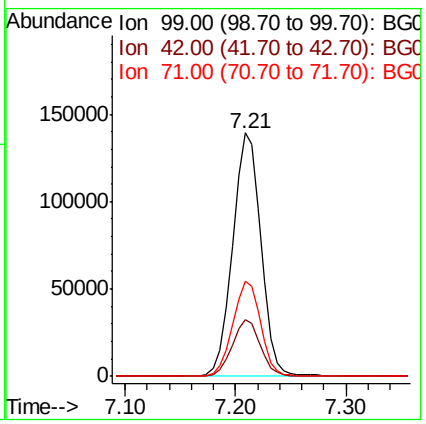


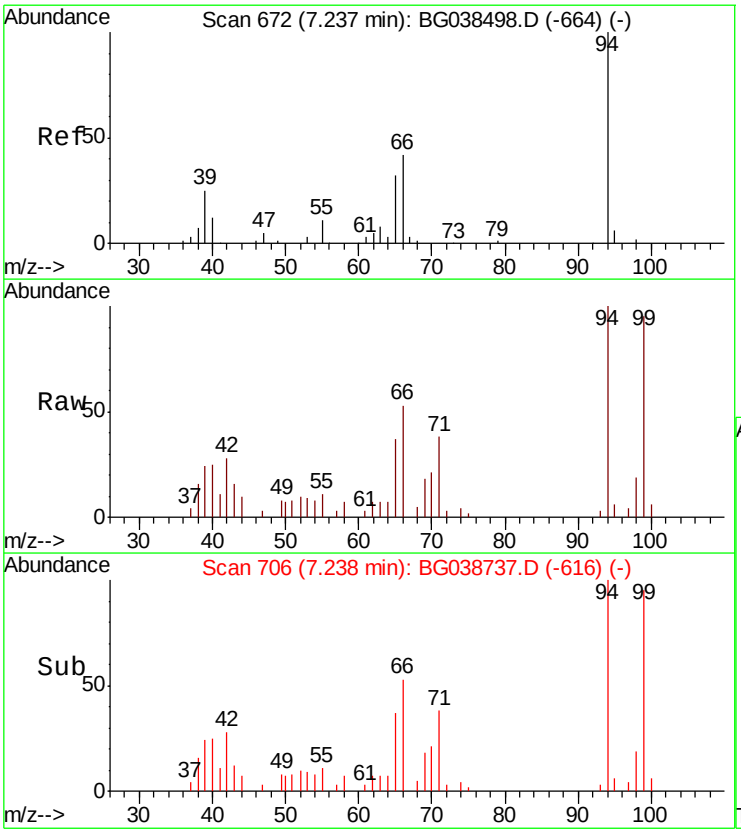
#7
Phenol-d6
Concen: 141.750 ng
RT: 7.21 min Scan# 701
Delta R.T. 0.00 min
Lab File: BG038737.D
Acq: 19 Dec 2018 21:44

Instrument :
BNA_G
ClientSampleId :
EB08_12-14

Tgt Ion: 99 Resp: 250467

Ion	Ratio	Lower	Upper
99	100		
42	23.1	18.5	27.7
71	39.0	31.1	46.7

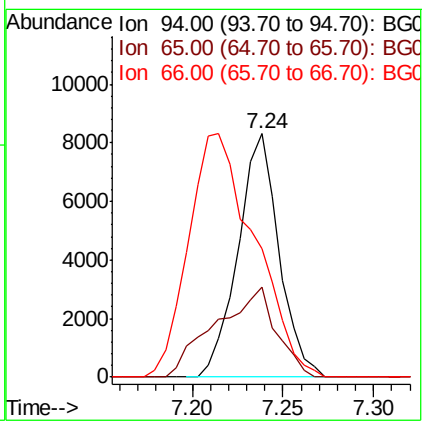


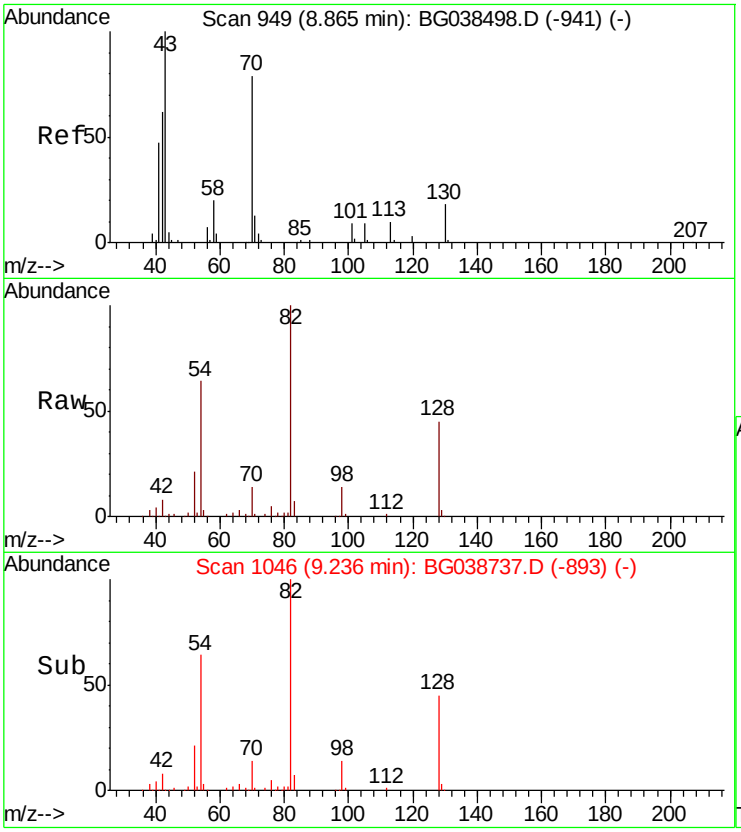


#10
Phenol
Concen: 6.938 ng
RT: 7.24 min Scan# 706
Delta R.T. 0.00 min
Lab File: BG038737.D
Acq: 19 Dec 2018 21:44

Tgt Ion: 94 Resp: 13024

Ion	Ratio	Lower	Upper
94	100		
65	36.9	12.6	52.6
66	52.9	24.1	64.1



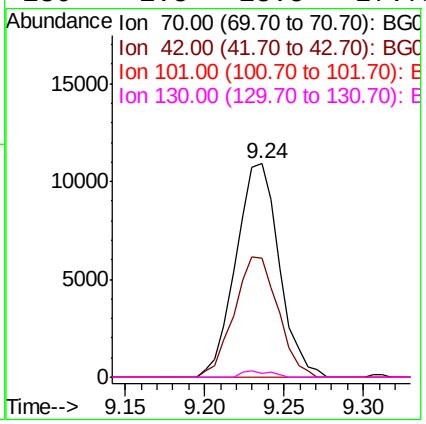


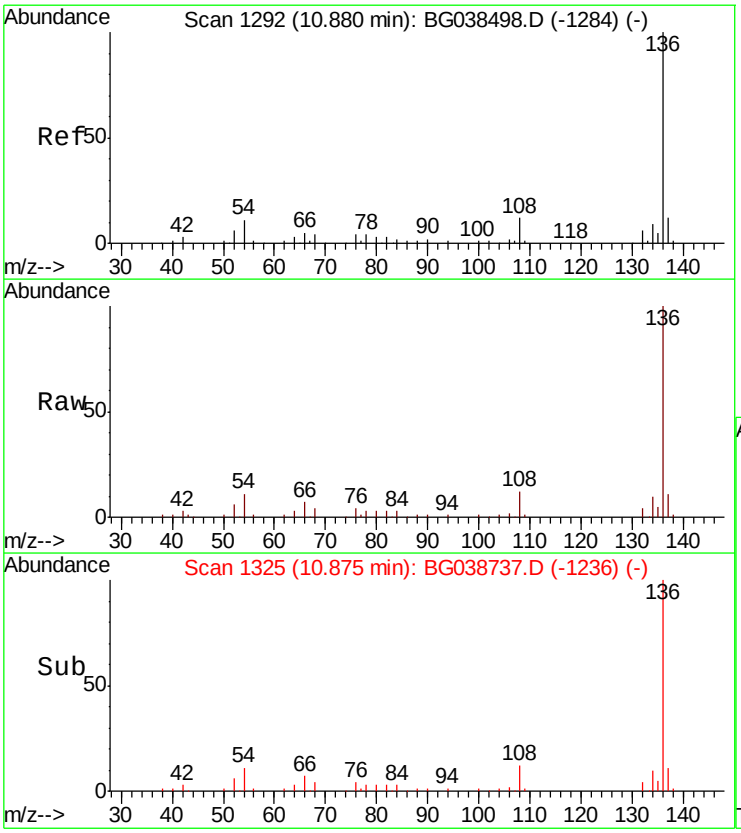
#19
n-Nitroso-di-n-propylamine
Concen: 16.709 ng
RT: 9.24 min Scan# 1046
Delta R.T. 0.37 min
Lab File: BG038737.D
Acq: 19 Dec 2018 21:44

Instrument :
BNA_G
ClientSampleId :
EB08_12-14

Tgt Ion: 70 Resp: 20736

Ion	Ratio	Lower	Upper
70	100		
42	55.6	63.6	95.4#
101	0.0	9.2	13.8#
130	1.8	18.5	27.7#

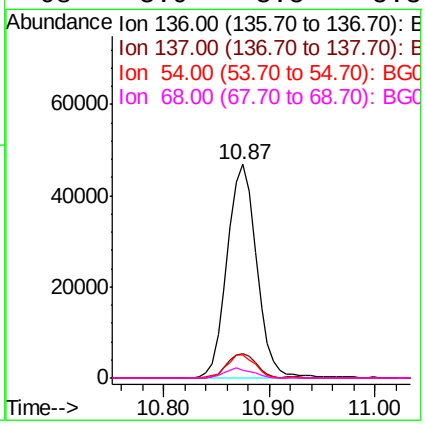


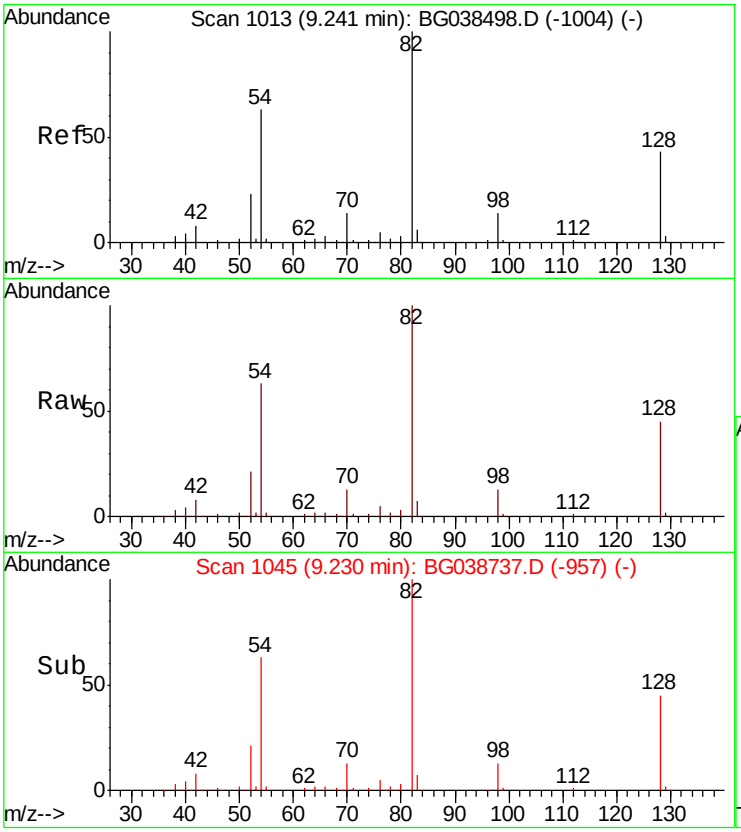


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG038737.D
Acq: 19 Dec 2018 21:44

Tgt Ion:136 Resp: 90762

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	10.8	8.5	12.7
68	3.9	3.5	5.3



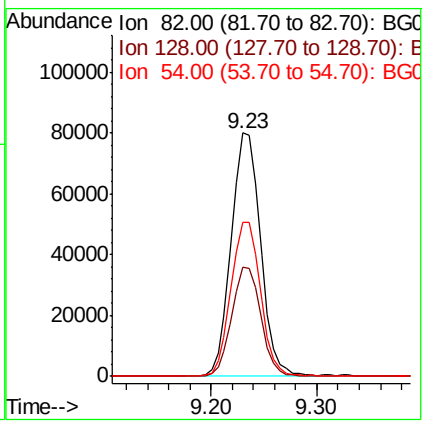


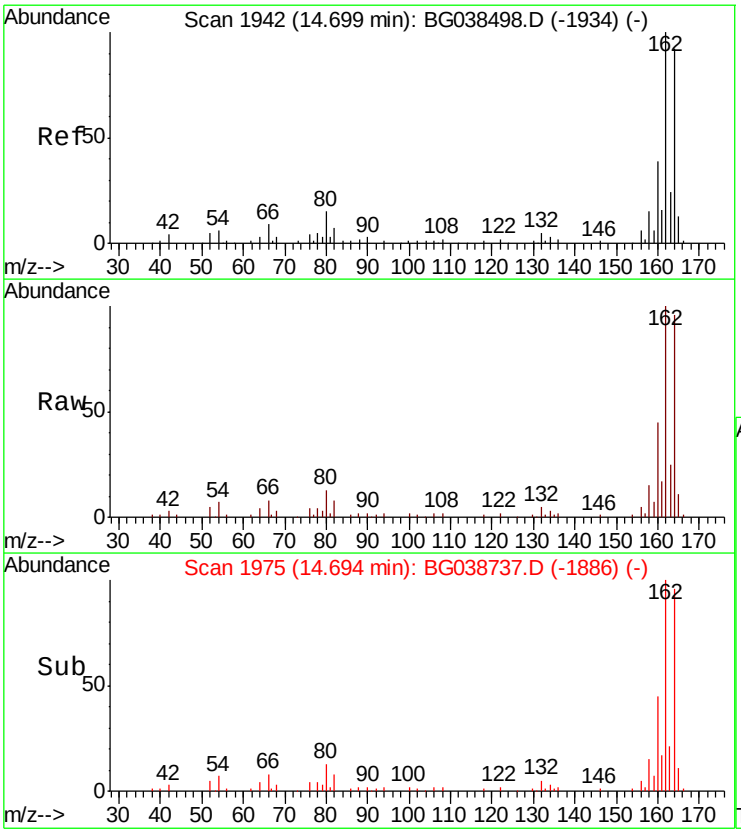
#23
Nitrobenzene-d5
Concen: 86.936 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG038737.D
Acq: 19 Dec 2018 21:44

Instrument :
BNA_G
ClientSampleId :
EB08_12-14

Tgt Ion: 82 Resp: 154451

Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.6	52.0
54	63.4	50.6	76.0

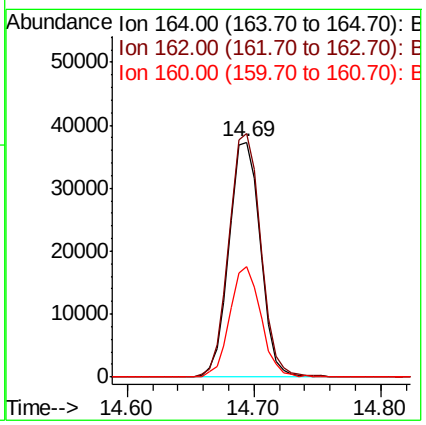


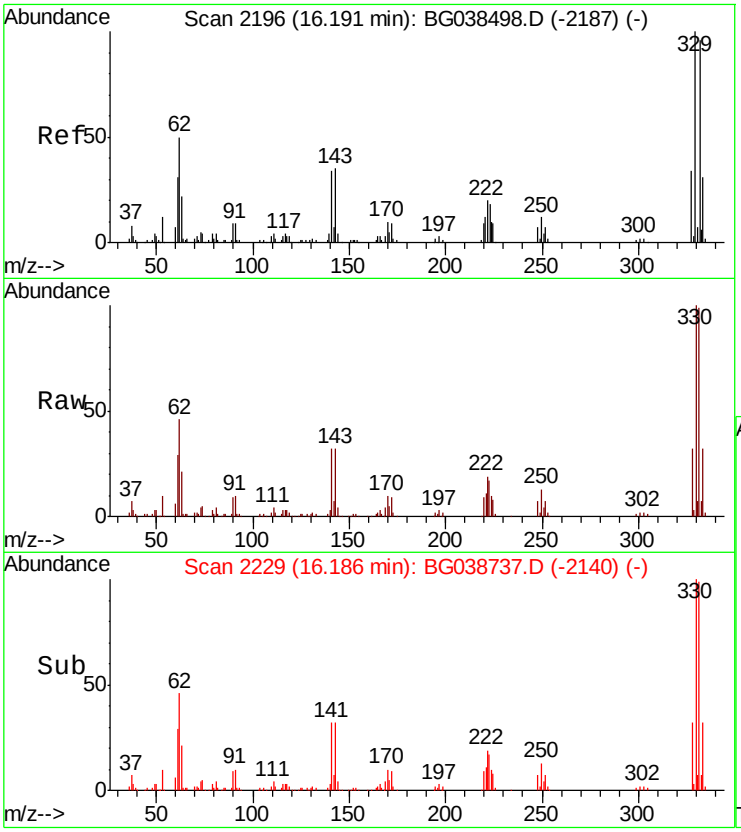


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG038737.D
Acq: 19 Dec 2018 21:44

Tgt Ion:164 Resp: 63603

Ion	Ratio	Lower	Upper
164	100		
162	103.7	86.6	130.0
160	46.9	34.2	51.2



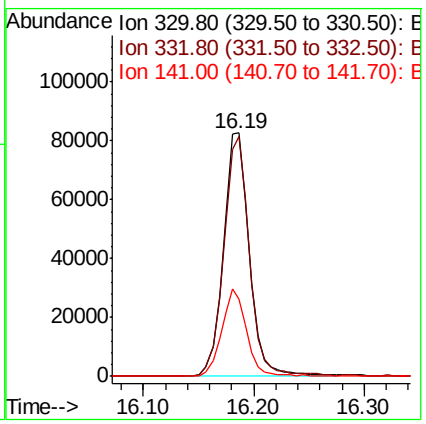


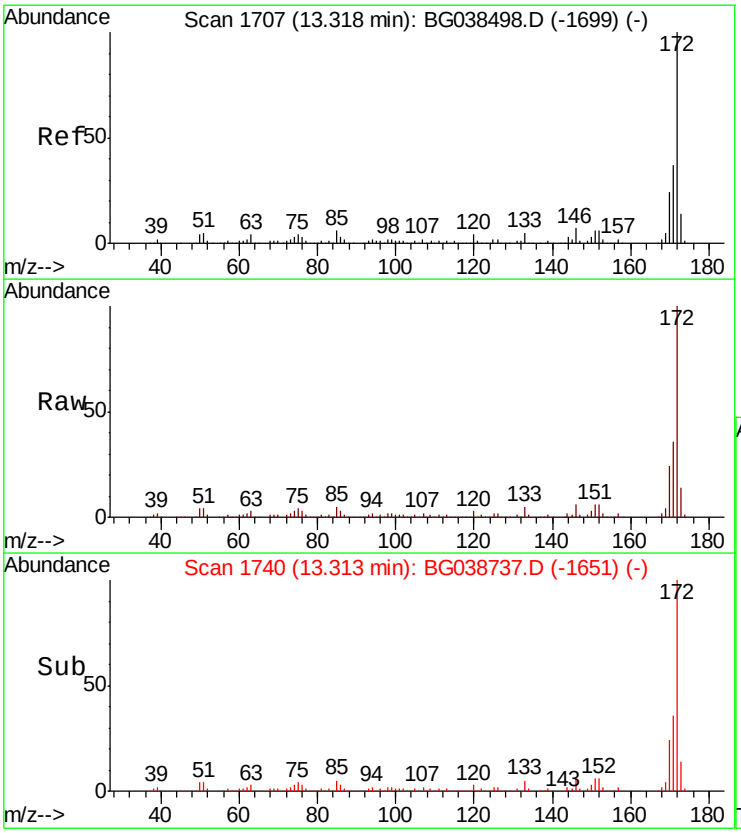
#42
2,4,6-Tribromophenol
Concen: 154.987 ng
RT: 16.19 min Scan# 2229
Delta R.T. -0.00 min
Lab File: BG038737.D
Acq: 19 Dec 2018 21:44

Instrument :
BNA_G
ClientSampleId :
EB08_12-14

Tgt Ion:330 Resp: 135856

Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.9	115.3
141	34.3	28.8	43.2

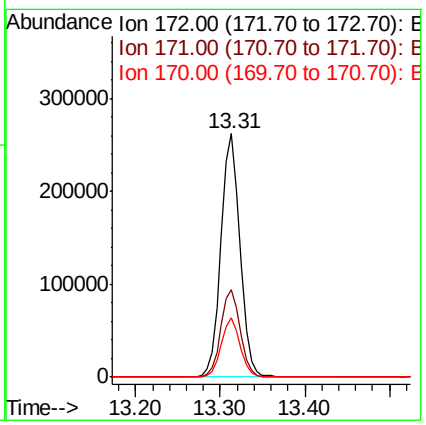


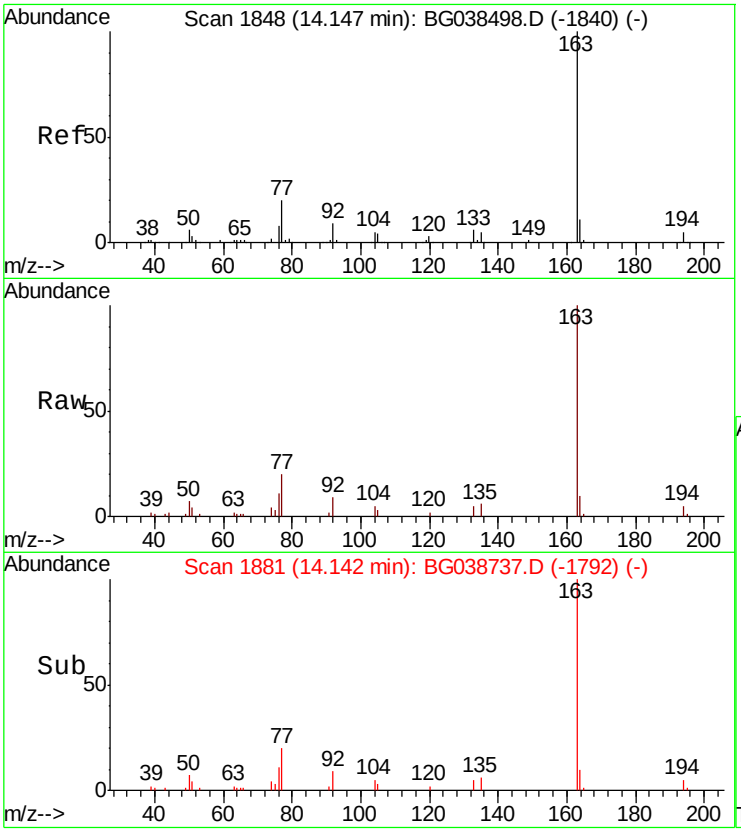


#45
2-Fluorobiphenyl
Concen: 88.315 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.00 min
Lab File: BG038737.D
Acq: 19 Dec 2018 21:44

Tgt Ion:172 Resp: 409457

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.8	44.6
170	24.2	19.5	29.3



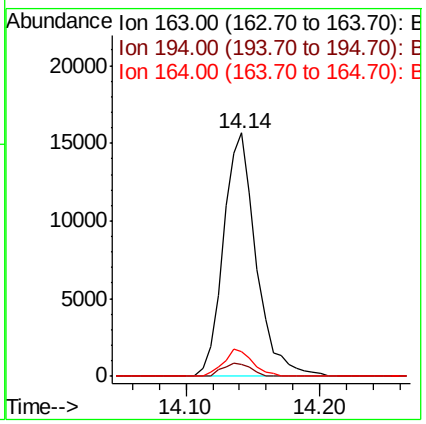


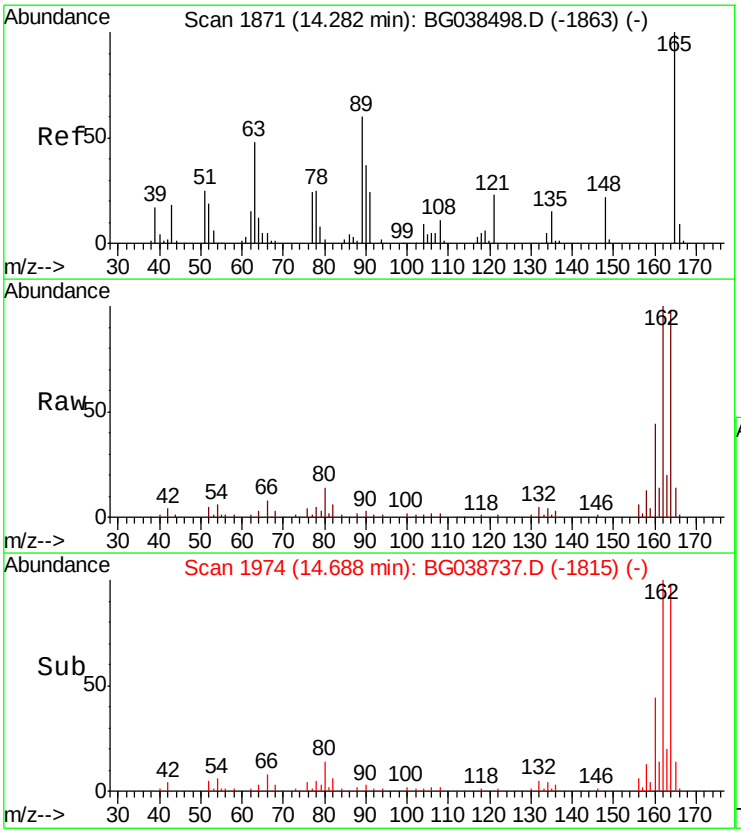
#50
Dimethylphthalate
Concen: 5.156 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.00 min
Lab File: BG038737.D
Acq: 19 Dec 2018 21:44

Instrument :
BNA_G
ClientSampleId :
EB08_12-14

Tgt Ion:163 Resp: 26782

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.7	5.5
164	10.3	8.6	12.8

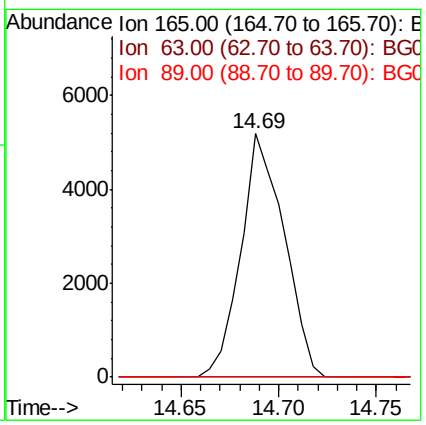


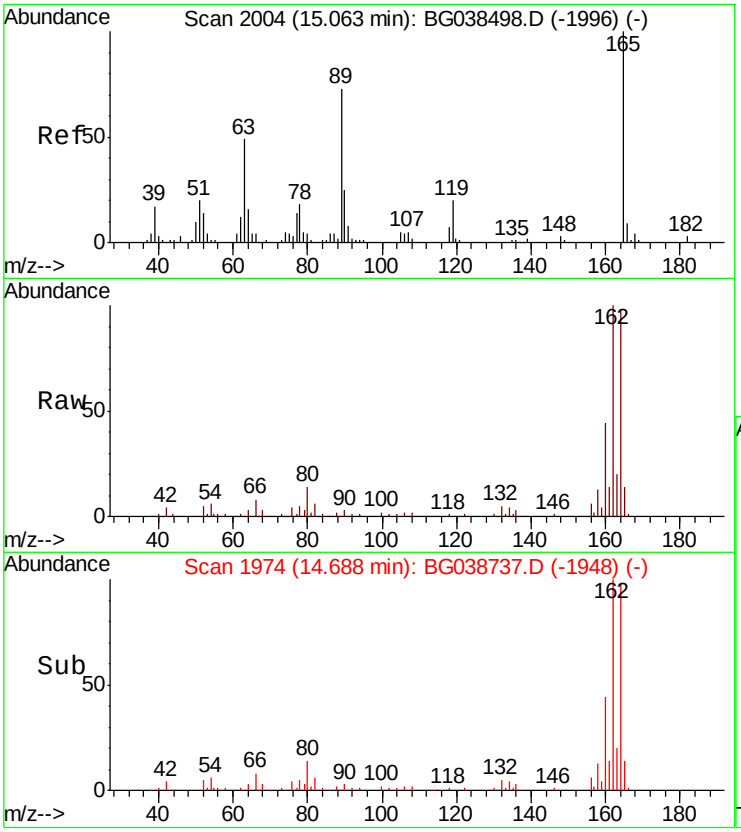


#51
2,6-Dinitrotoluene
Concen: 6.754 ng
RT: 14.69 min Scan# 1974
Delta R.T. 0.41 min
Lab File: BG038737.D
Acq: 19 Dec 2018 21:44

Tgt Ion:165 Resp: 7950

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



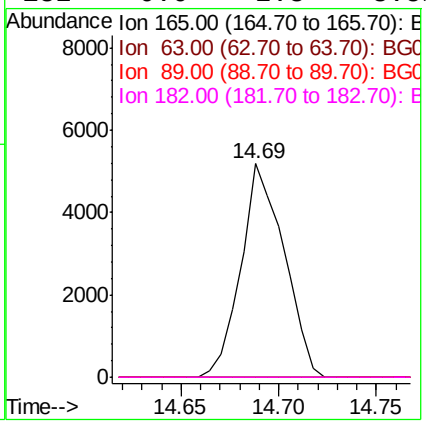


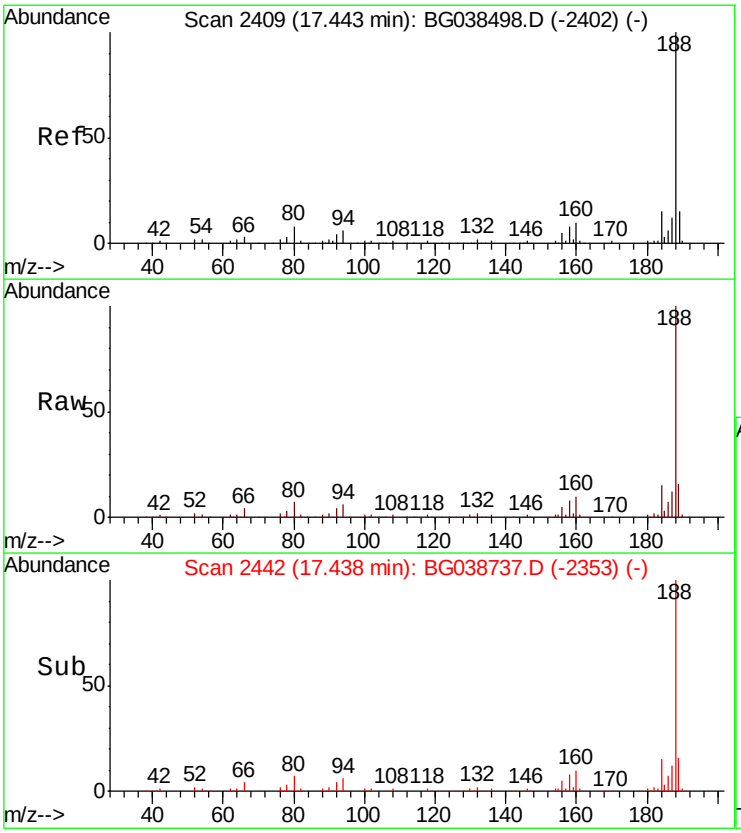
#57
2,4-Dinitrotoluene
Concen: 4.795 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.38 min
Lab File: BG038737.D
Acq: 19 Dec 2018 21:44

Instrument :
BNA_G
ClientSampleId :
EB08_12-14

Tgt Ion:165 Resp: 7950

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#

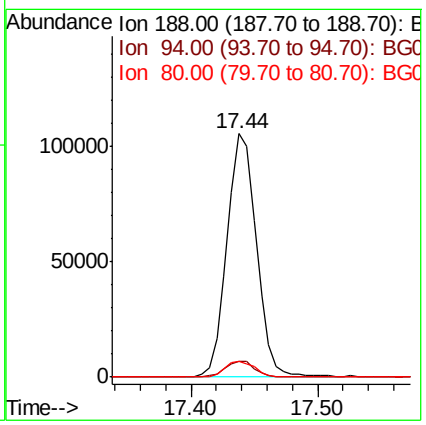


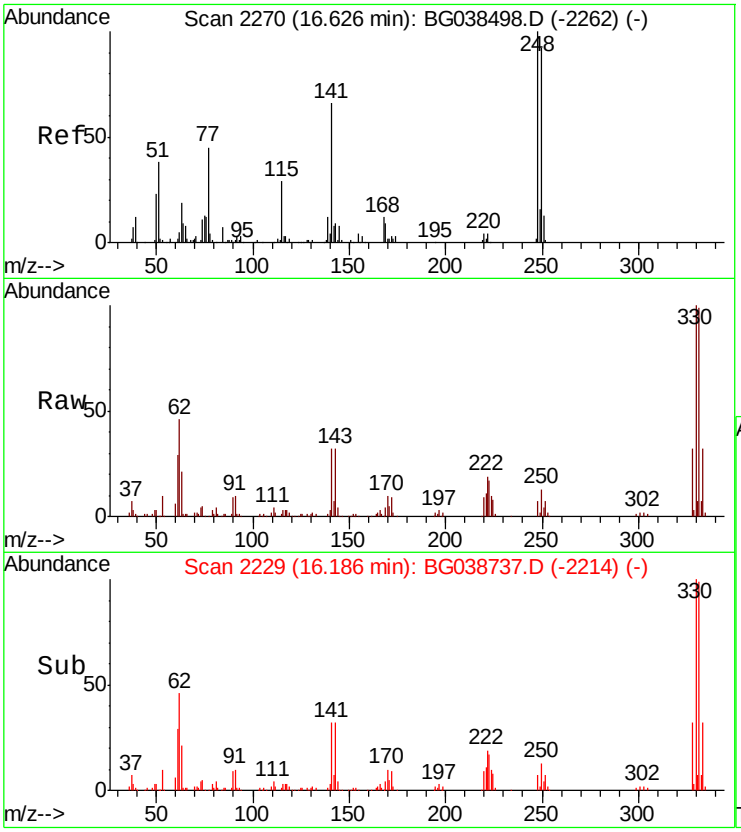


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG038737.D
Acq: 19 Dec 2018 21:44

Tgt Ion:188 Resp: 169465

Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.1	7.7
80	6.6	6.1	9.1



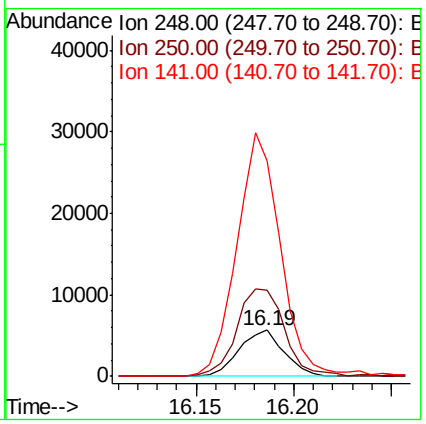


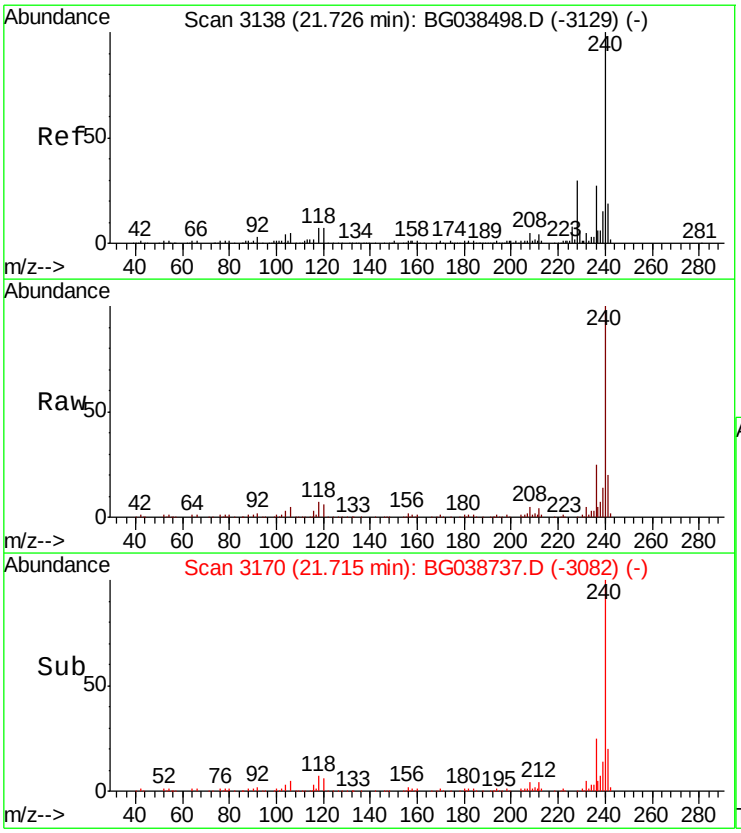
#67
4-Bromophenyl-phenylether
Concen: 4.313 ng
RT: 16.19 min Scan# 2229
Delta R.T. -0.44 min
Lab File: BG038737.D
Acq: 19 Dec 2018 21:44

Instrument :
BNA_G
ClientSampleId :
EB08_12-14

Tgt Ion:248 Resp: 8926

Ion	Ratio	Lower	Upper
248	100		
250	192.1	73.4	110.2#
141	365.5	52.9	79.3#

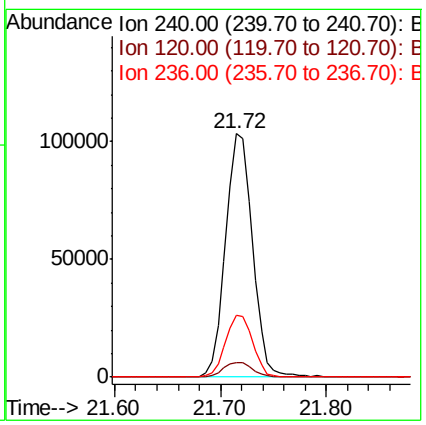


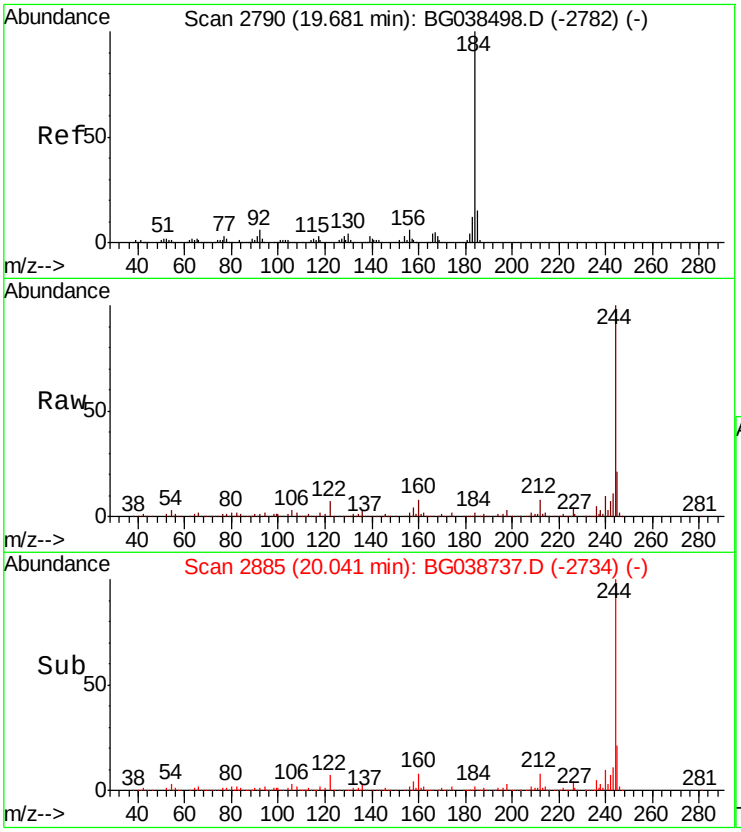


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BG038737.D
Acq: 19 Dec 2018 21:44

Tgt Ion:240 Resp: 182082

Ion	Ratio	Lower	Upper
240	100		
120	6.2	5.3	7.9
236	25.4	21.4	32.2



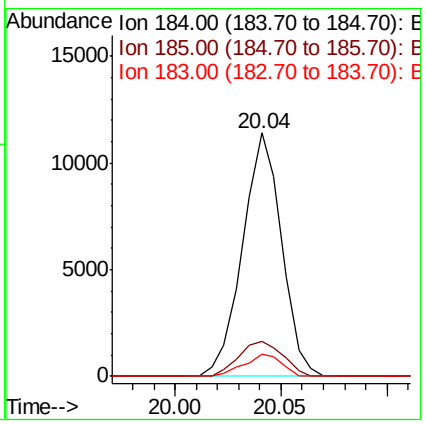


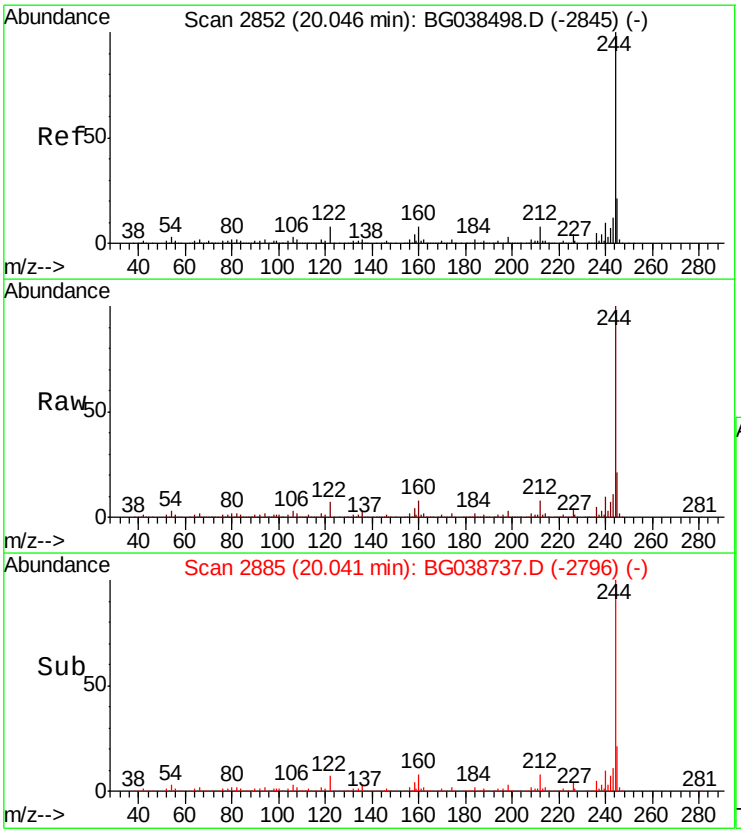
#77
Benzidine
Concen: 2.716 ng
RT: 20.04 min Scan# 2885
Delta R.T. 0.36 min
Lab File: BG038737.D
Acq: 19 Dec 2018 21:44

Instrument :
BNA_G
ClientSampleId :
EB08_12-14

Tgt Ion:184 Resp: 14623

Ion	Ratio	Lower	Upper
184	100		
185	14.2	12.2	18.2
183	8.9	9.6	14.4#

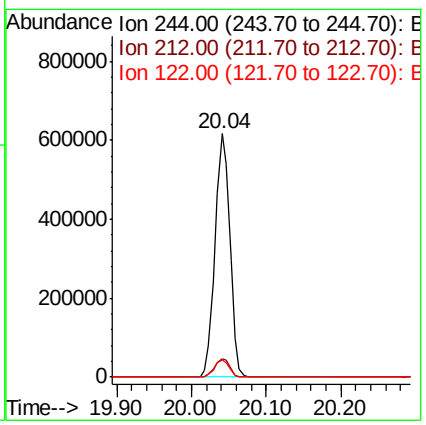


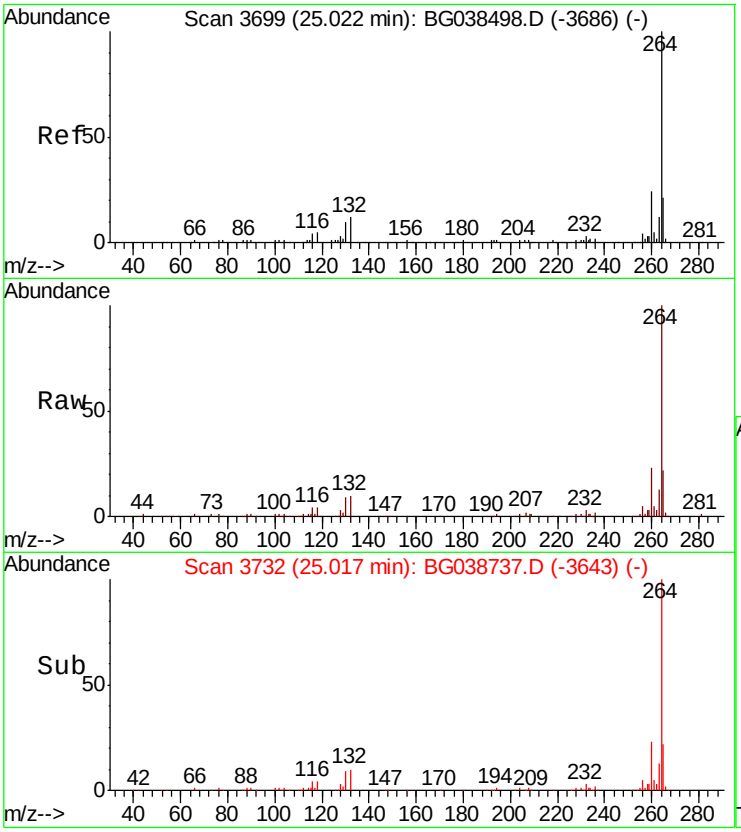


#79
Terphenyl-d14
Concen: 100.939 ng
RT: 20.04 min Scan# 2885
Delta R.T. -0.00 min
Lab File: BG038737.D
Acq: 19 Dec 2018 21:44

Tgt Ion:244 Resp: 844500

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	7.2	6.3	9.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3732
Delta R.T. -0.00 min
Lab File: BG038737.D
Acq: 19 Dec 2018 21:44

Instrument :
BNA_G
ClientSampleId :
EB08_12-14

Tgt Ion:264 Resp: 189931

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.9	28.3
265	21.6	17.0	25.4