Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121418\
Data File : BG038572.D
Acq On : 14 Dec 2018 17:48
Operator : JU/SJ
Sample : PB115343BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB115343BL

Quant Time: Dec 14 22:54:55 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	21811	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	89596	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	58737	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	153503	20.00	ng	0.00
76) Chrysene-d12	21.72	240	160853	20.00	ng	0.00
87) Perylene-d12	25.02	264	165679	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	147221	119.72	ng	0.00
7) Phenol-d6	7.21	99	197657	117.08	ng	0.00
23) Nitrobenzene-d5	9.24	82	125614	71.62	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	83306	102.91	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	305339	71.31	ng	0.00
79) Terphenyl-d14	20.04	244	606494	82.06	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.23	70	16780	14.152	ng	# 71
51) 2,6-Dinitrotoluene	14.69	165	7181	6.606	ng	# 19
57) 2,4-Dinitrotoluene	14.69	165	7181	4.690	ng	# 21
67) 4-Bromophenyl-phenylether	16.19	248	5177	2.761	ng	# 1
77) Benzidine	20.04	184	10238	2.152	ng	# 94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121418\
Data File : BG038572.D
Acq On : 14 Dec 2018 17:48
Operator : JU/SJ
Sample : PB115343BL
Misc :
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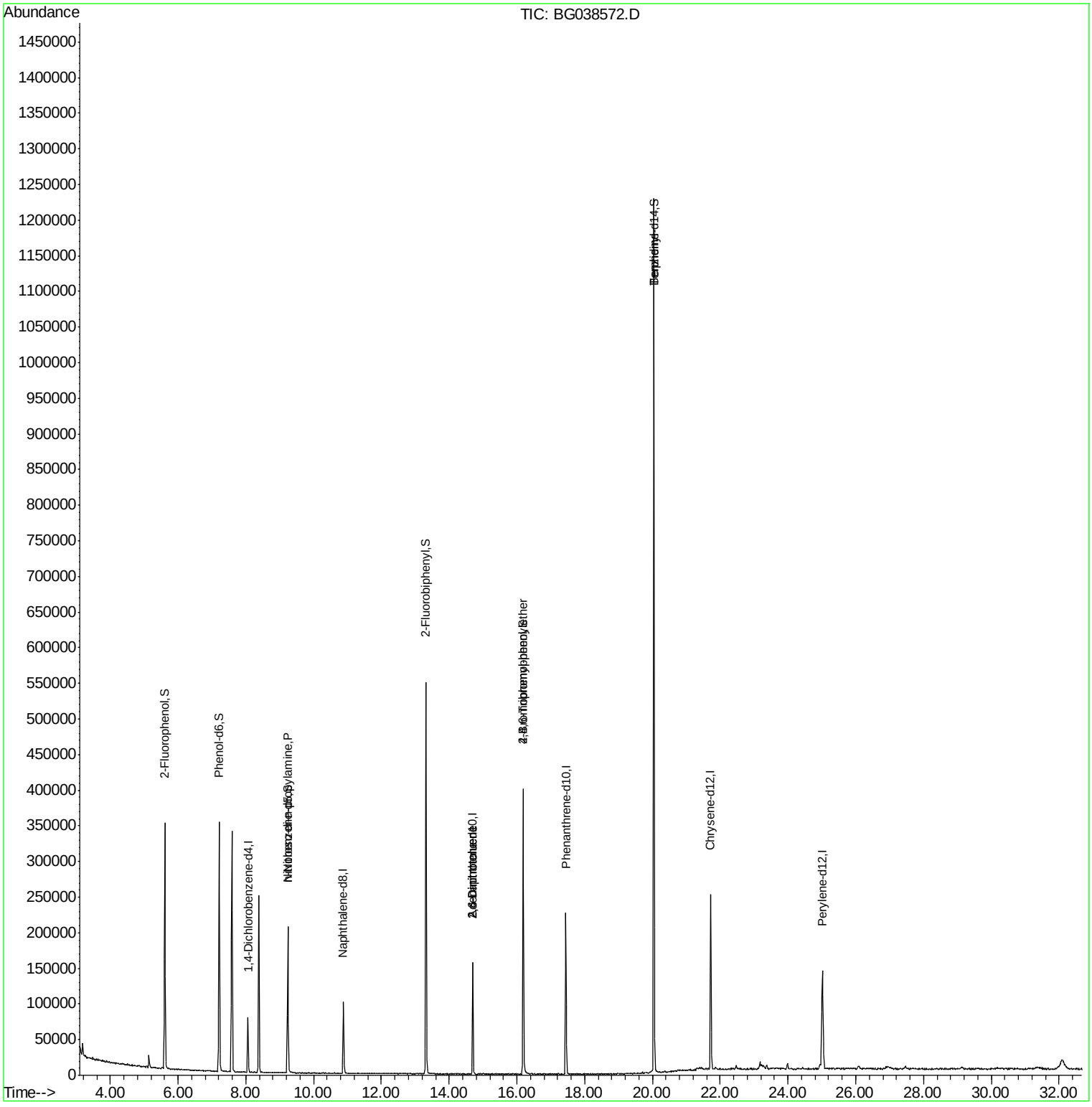
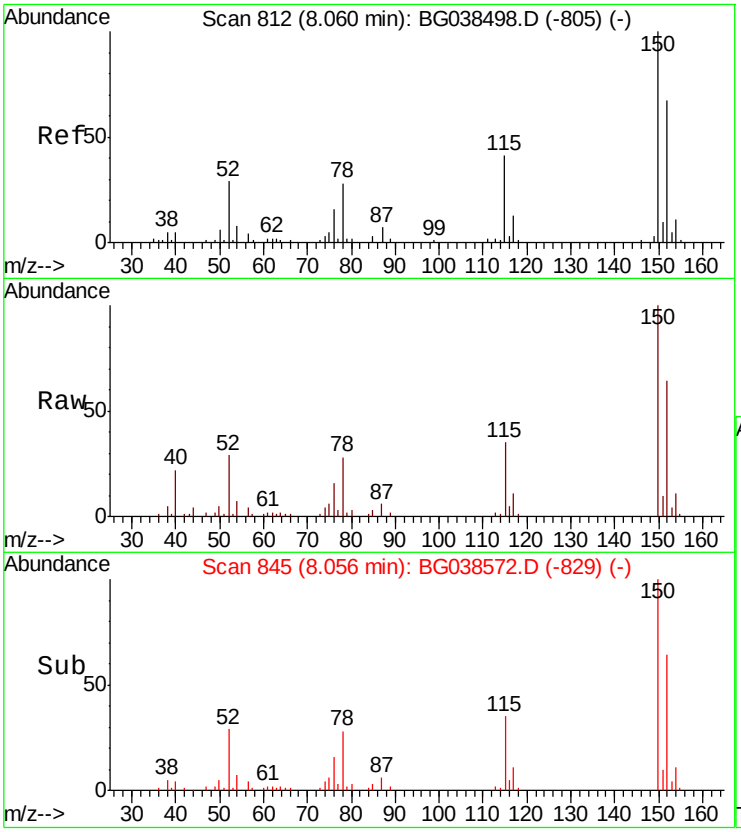
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration



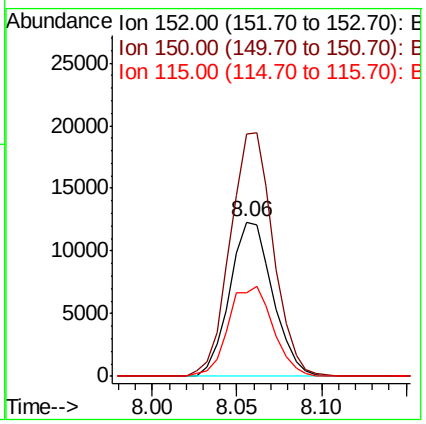


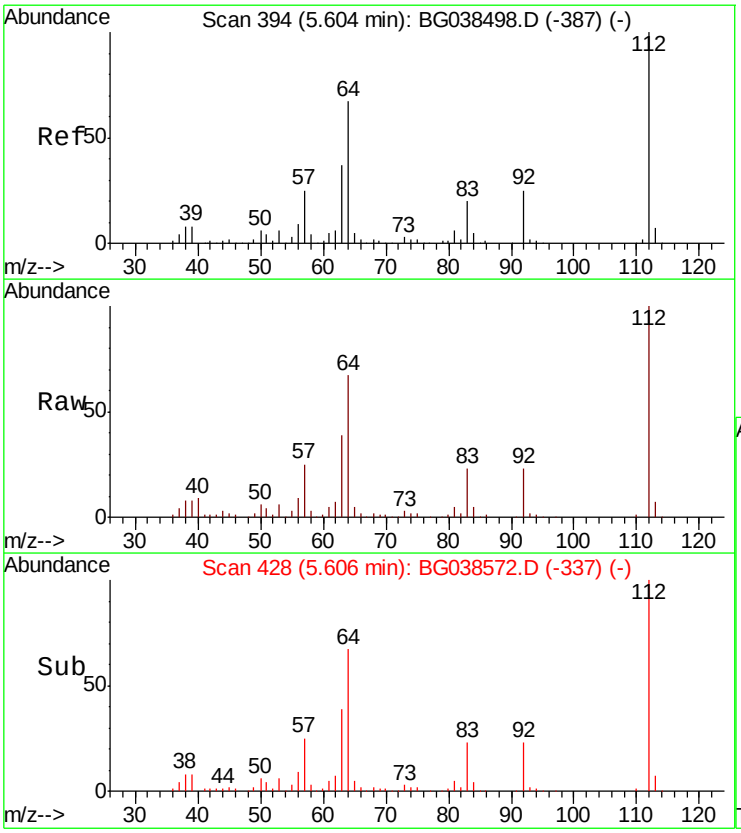
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG038572.D
Acq: 14 Dec 2018 17:48

Instrument :
BNA_G
ClientSampleId :
PB115343BL

Tgt Ion:152 Resp: 21811

Ion	Ratio	Lower	Upper
152	100		
150	156.7	119.5	179.3
115	54.5	49.6	74.4

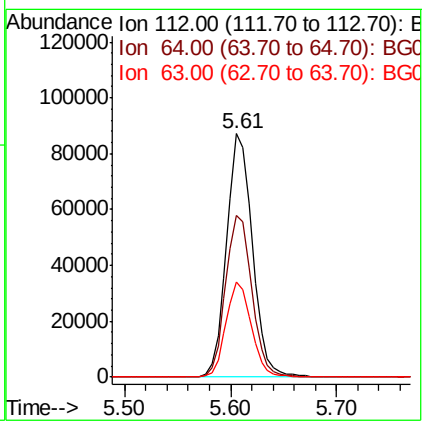


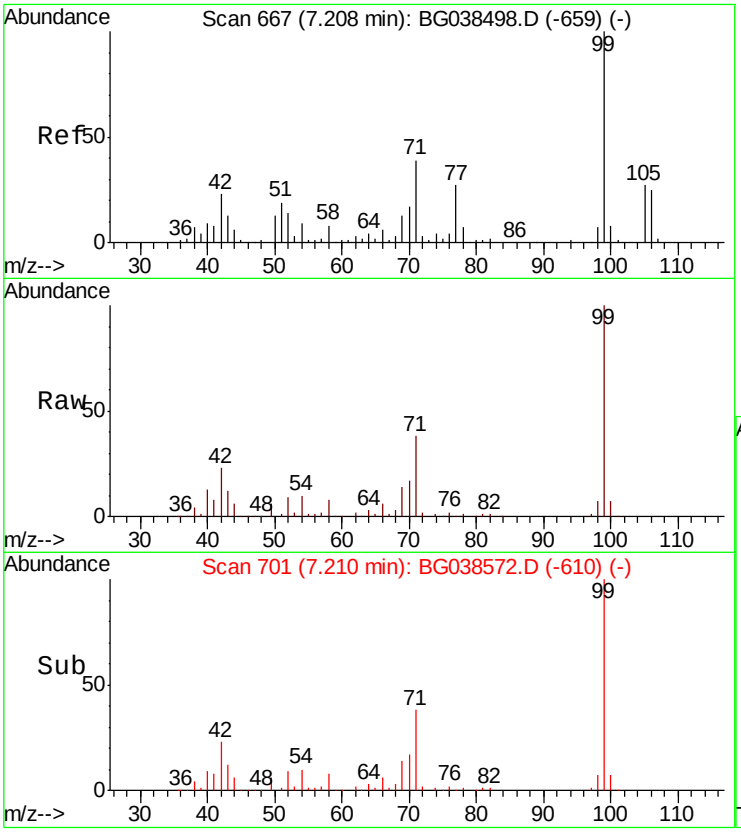


#5
2-Fluorophenol
Concen: 119.719 ng
RT: 5.61 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG038572.D
Acq: 14 Dec 2018 17:48

Tgt Ion:112 Resp: 147221

Ion	Ratio	Lower	Upper
112	100		
64	66.6	53.4	80.2
63	38.9	29.3	43.9



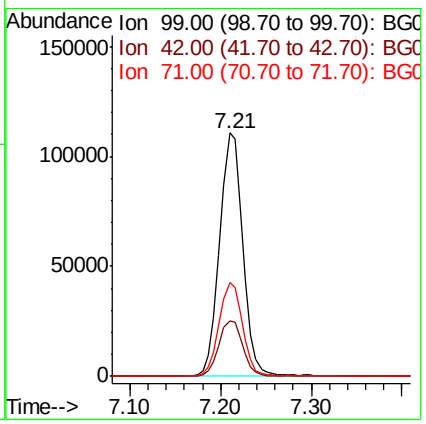


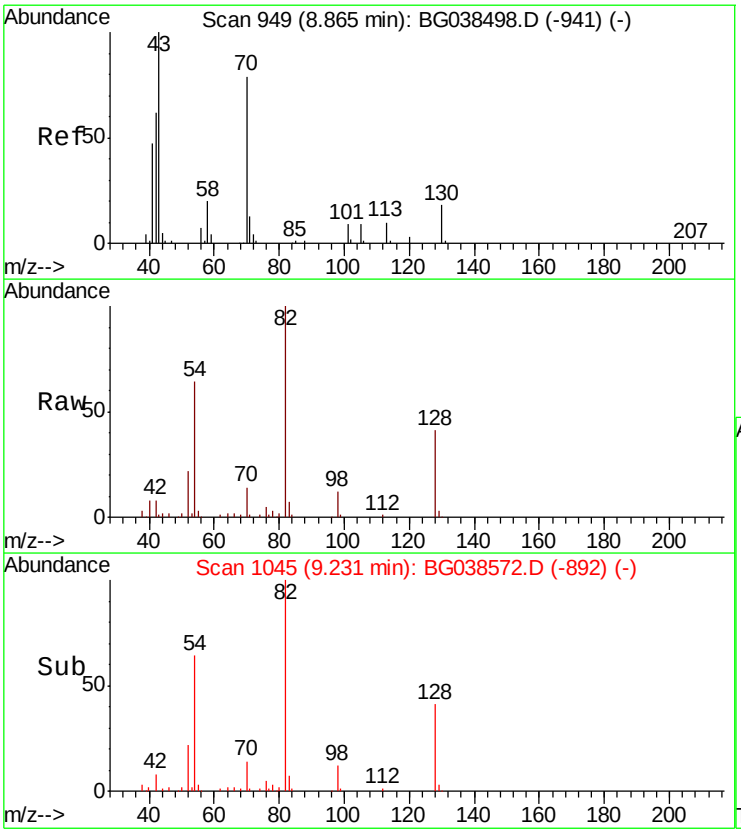
#7
Phenol-d6
Concen: 117.083 ng
RT: 7.21 min Scan# 701
Delta R.T. 0.00 min
Lab File: BG038572.D
Acq: 14 Dec 2018 17:48

Instrument :
BNA_G
ClientSampleId :
PB115343BL

Tgt Ion: 99 Resp: 197657

Ion	Ratio	Lower	Upper
99	100		
42	22.5	18.5	27.7
71	38.4	31.1	46.7

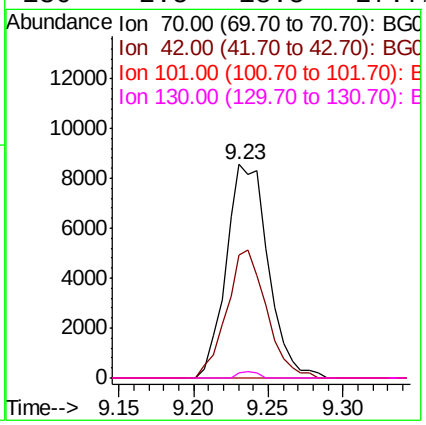


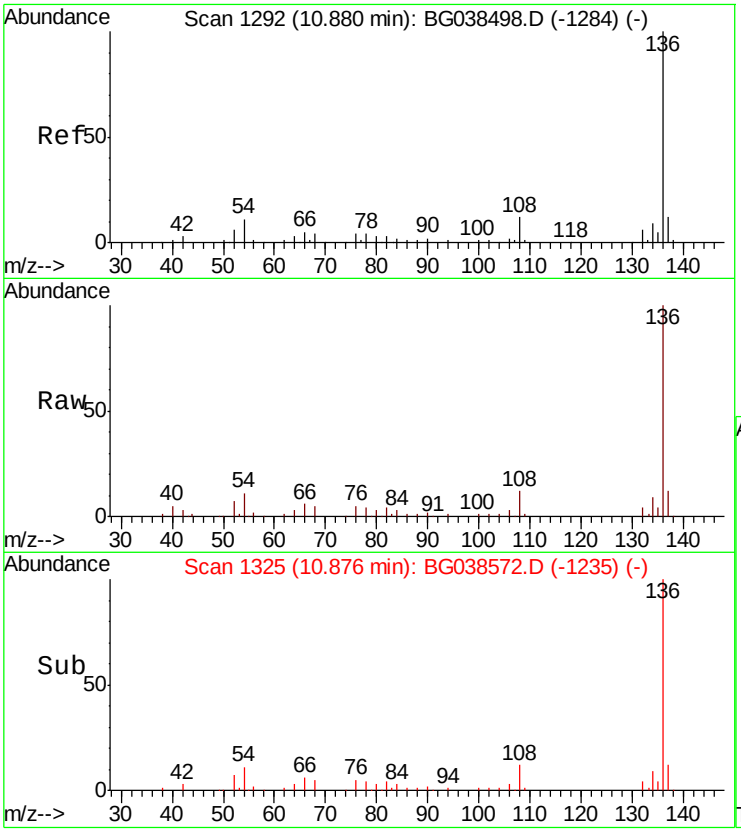


#19
n-Nitroso-di-n-propylamine
Concen: 14.152 ng
RT: 9.23 min Scan# 1045
Delta R.T. 0.37 min
Lab File: BG038572.D
Acq: 14 Dec 2018 17:48

Tgt Ion: 70 Resp: 16780

Ion	Ratio	Lower	Upper
70	100		
42	57.5	63.6	95.4#
101	0.0	9.2	13.8#
130	2.5	18.5	27.7#



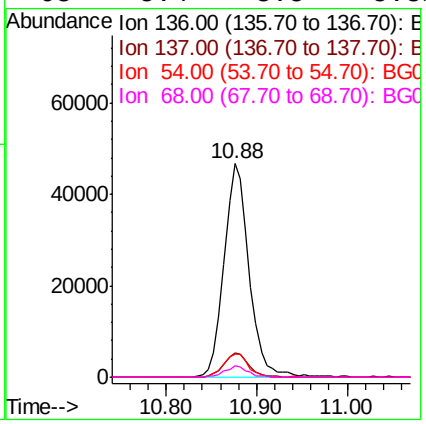


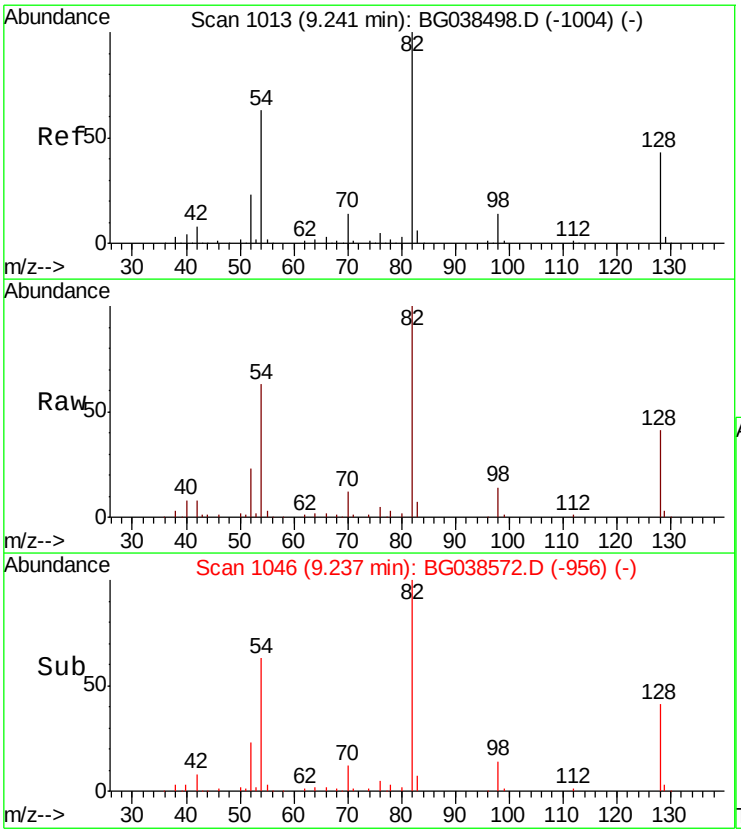
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG038572.D
Acq: 14 Dec 2018 17:48

Instrument :
BNA_G
ClientSampleId :
PB115343BL

Tgt Ion:136 Resp: 89596

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.3	13.9
54	10.7	8.5	12.7
68	5.4	3.5	5.3#

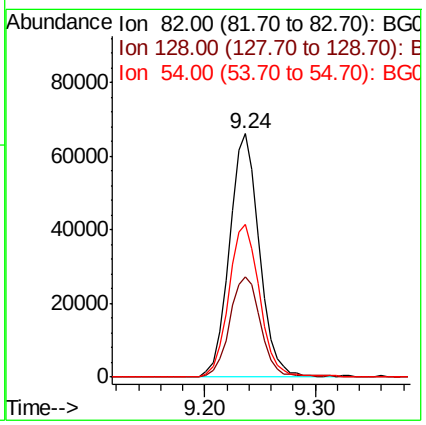


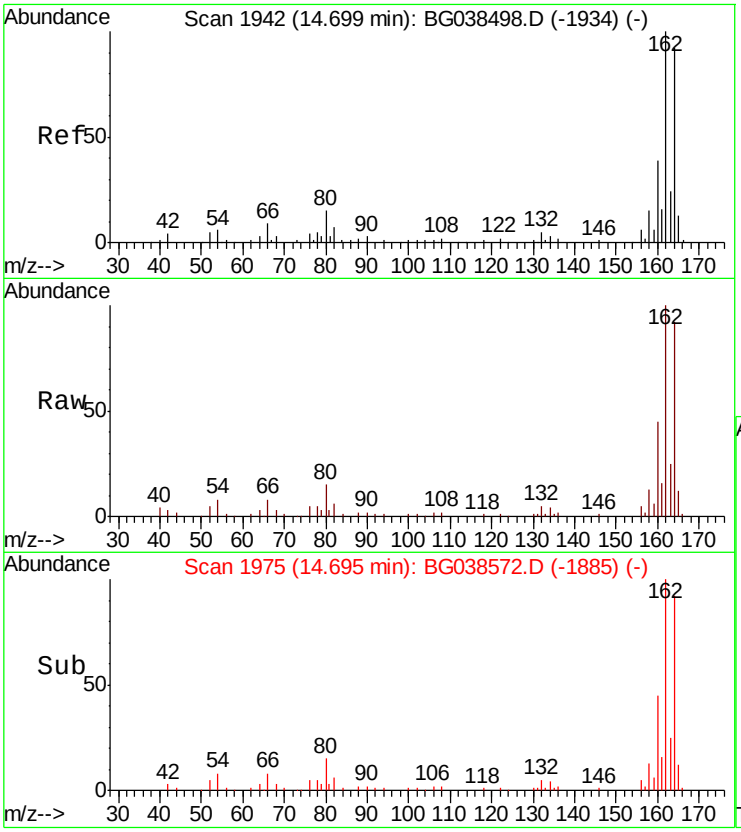


#23
Nitrobenzene-d5
Concen: 71.624 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG038572.D
Acq: 14 Dec 2018 17:48

Tgt Ion: 82 Resp: 125614

Ion	Ratio	Lower	Upper
82	100		
128	41.2	34.6	52.0
54	62.7	50.6	76.0



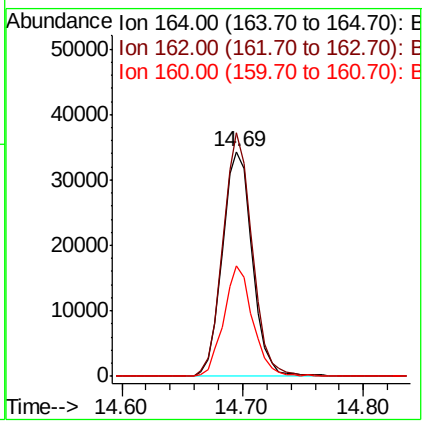


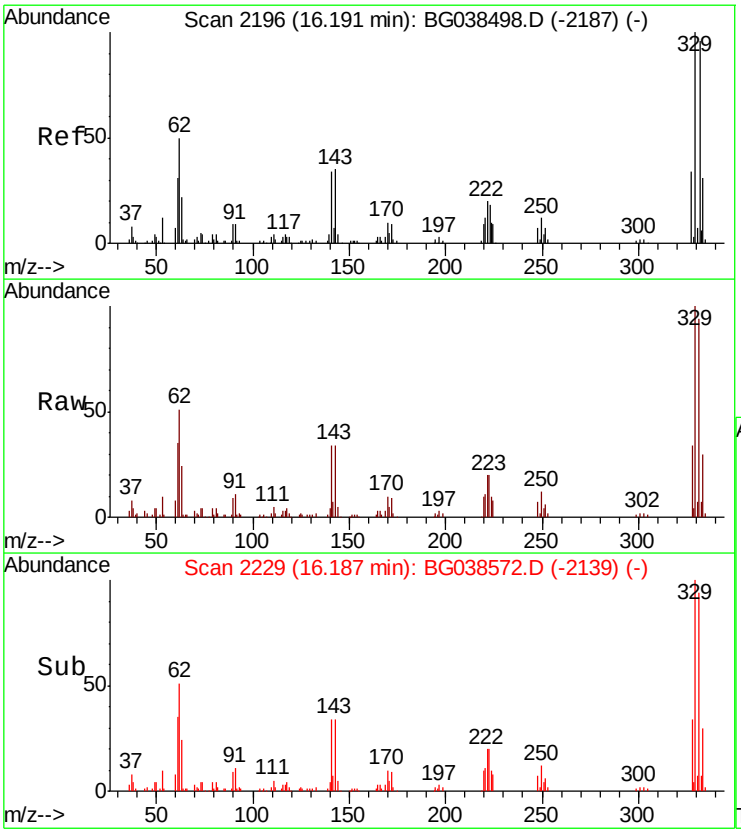
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG038572.D
Acq: 14 Dec 2018 17:48

Instrument :
BNA_G
ClientSampleId :
PB115343BL

Tgt Ion:164 Resp: 58737

Ion	Ratio	Lower	Upper
164	100		
162	108.4	86.6	130.0
160	49.0	34.2	51.2

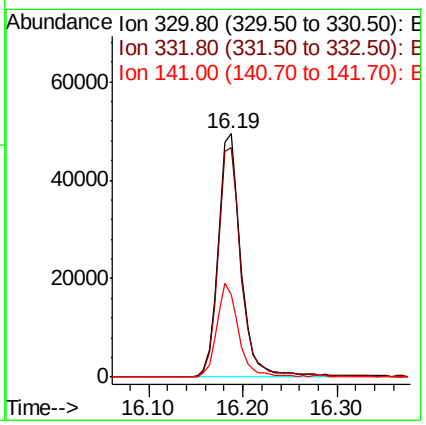


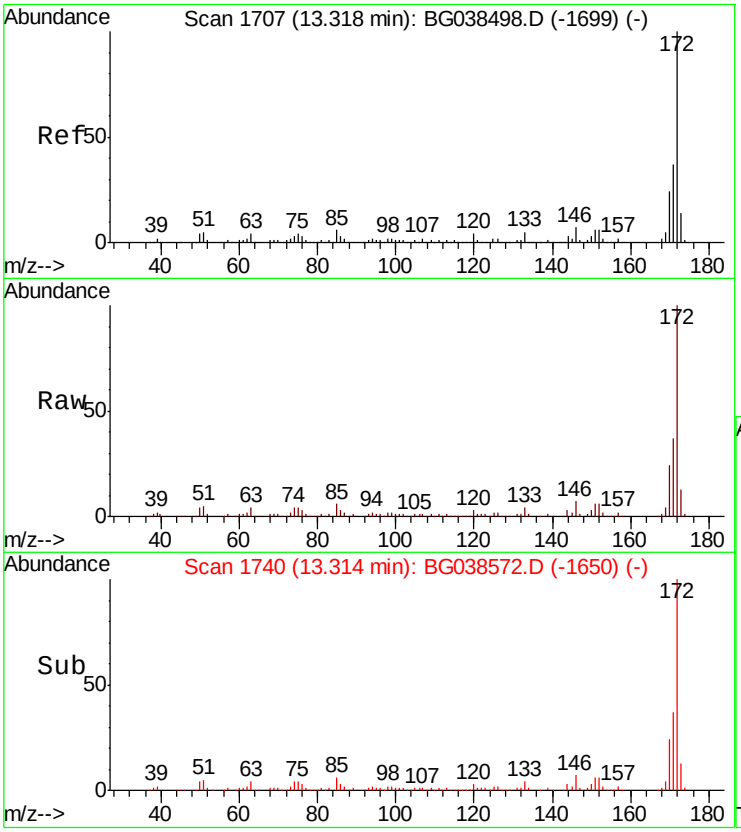


#42
2,4,6-Tribromophenol
Concen: 102.910 ng
RT: 16.19 min Scan# 2229
Delta R.T. -0.00 min
Lab File: BG038572.D
Acq: 14 Dec 2018 17:48

Tgt Ion:330 Resp: 83306

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.9	115.3
141	36.7	28.8	43.2



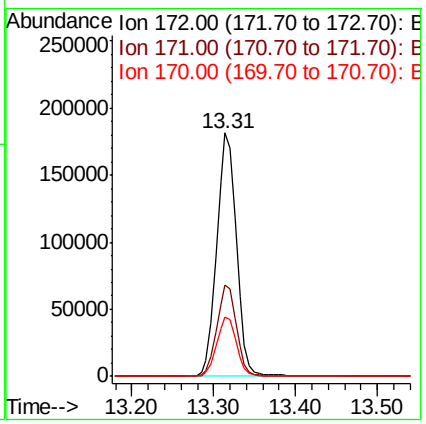


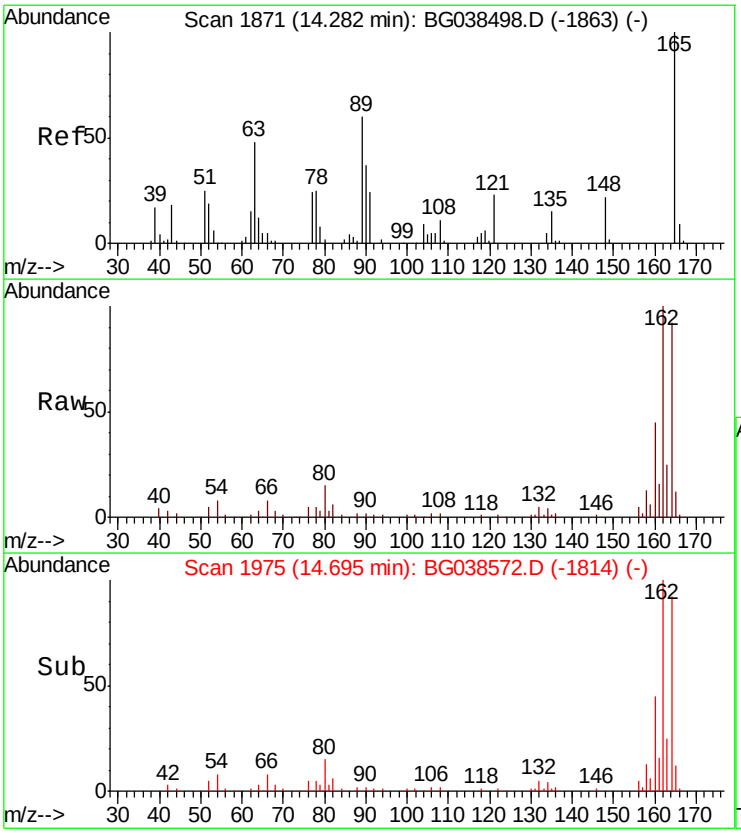
#45
2-Fluorobiphenyl
Concen: 71.314 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.00 min
Lab File: BG038572.D
Acq: 14 Dec 2018 17:48

Instrument :
BNA_G
ClientSampleId :
PB115343BL

Tgt Ion:172 Resp: 305339

Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.8	44.6
170	24.4	19.5	29.3

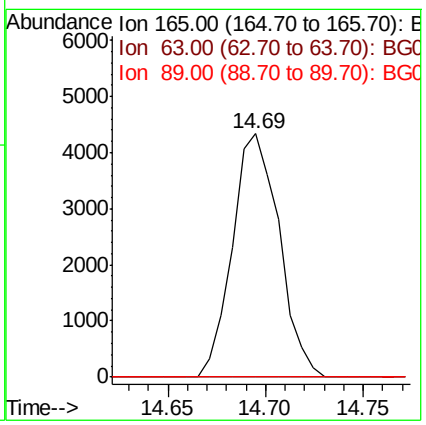


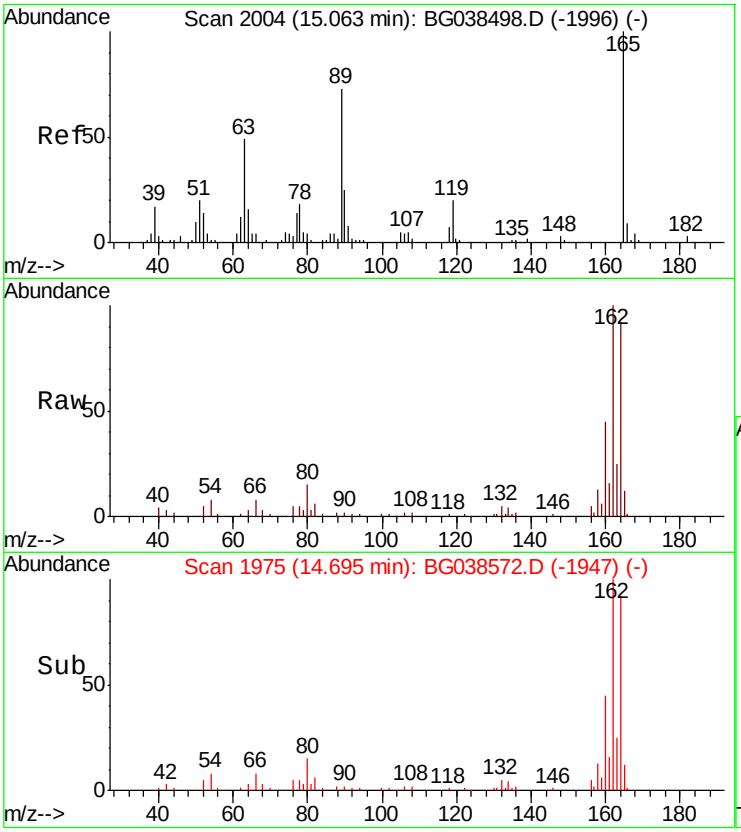


#51
2,6-Dinitrotoluene
Concen: 6.606 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.41 min
Lab File: BG038572.D
Acq: 14 Dec 2018 17:48

Tgt Ion:165 Resp: 7181

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



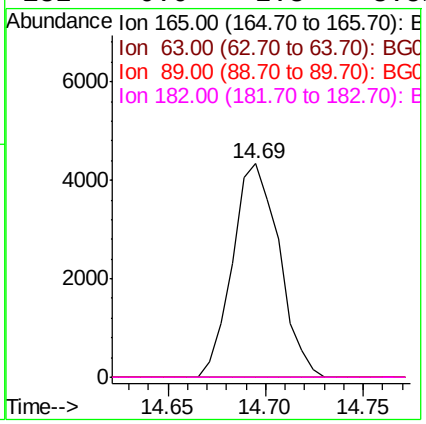


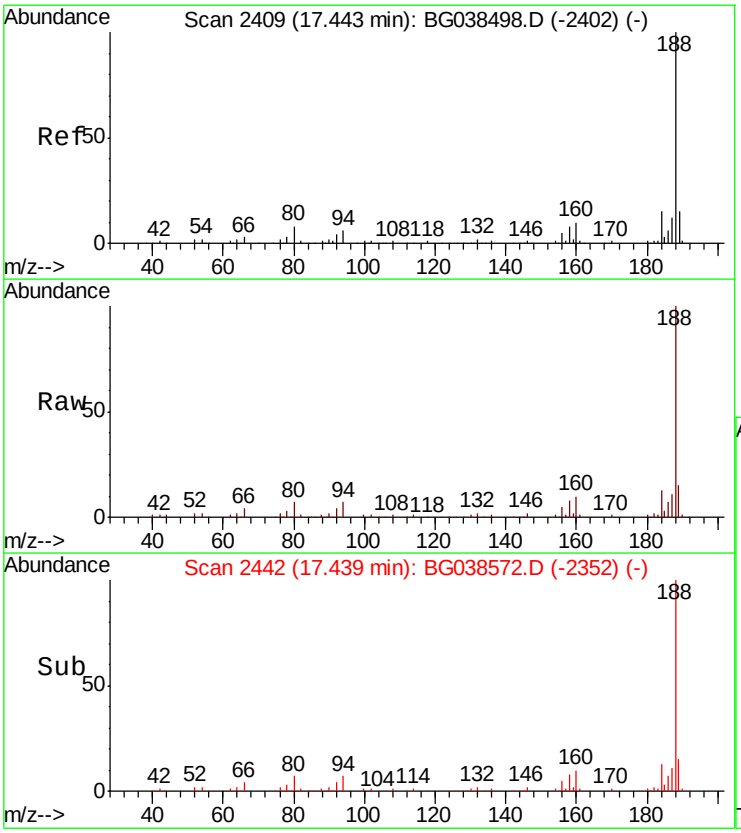
#57
2,4-Dinitrotoluene
Concen: 4.690 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.37 min
Lab File: BG038572.D
Acq: 14 Dec 2018 17:48

Instrument :
BNA_G
ClientSampleId :
PB115343BL

Tgt Ion:165 Resp: 7181

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#

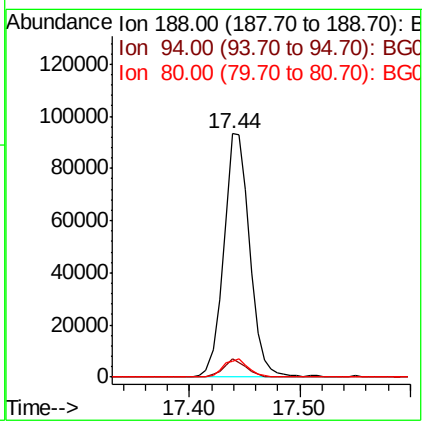


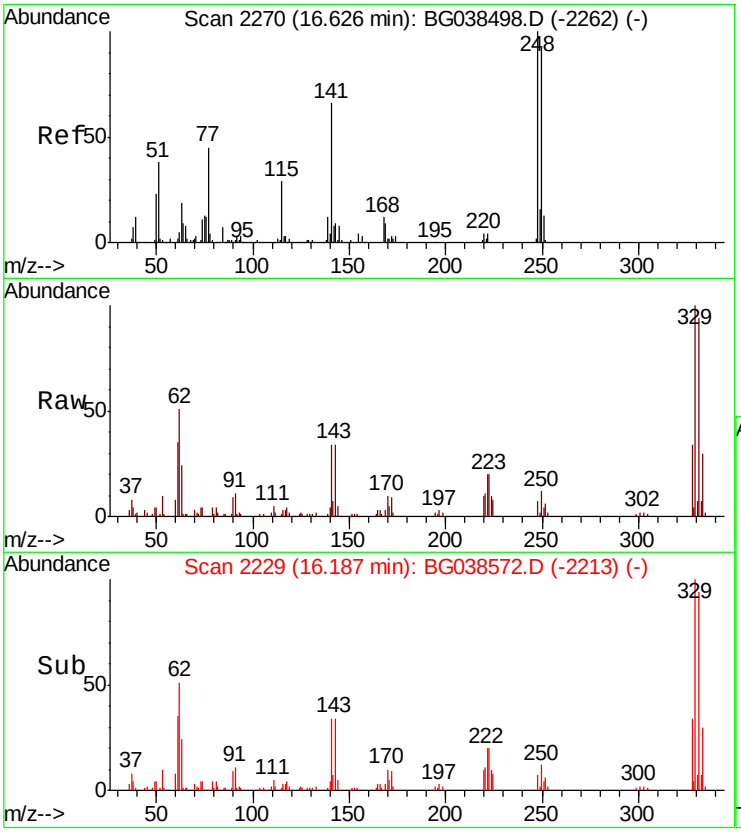


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG038572.D
Acq: 14 Dec 2018 17:48

Tgt Ion:188 Resp: 153503

Ion	Ratio	Lower	Upper
188	100		
94	7.3	5.1	7.7
80	6.6	6.1	9.1



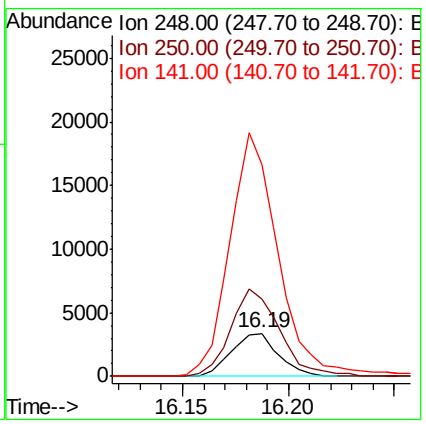


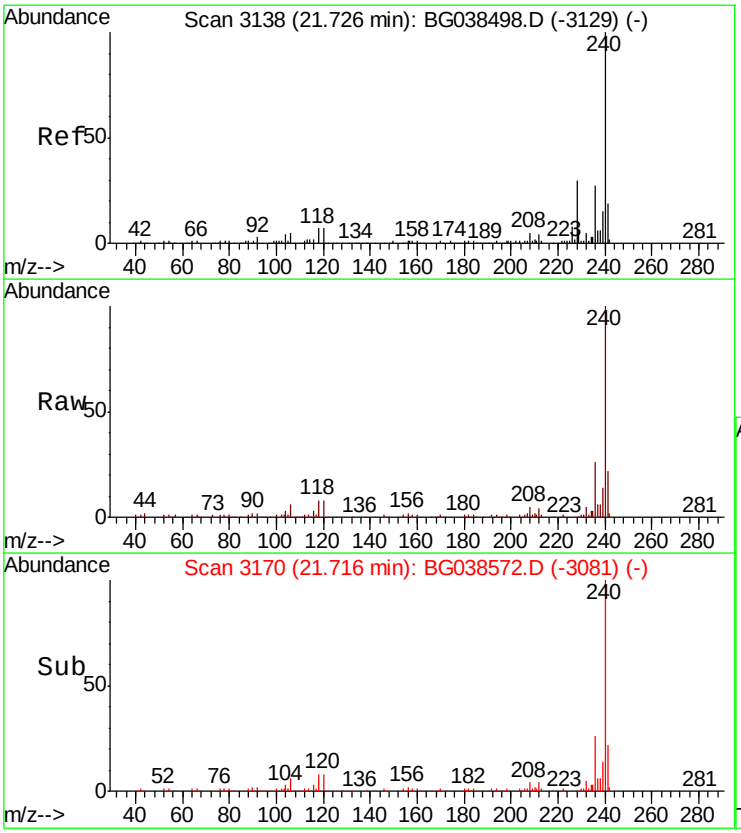
#67
4-Bromophenyl-phenylether
Concen: 2.761 ng
RT: 16.19 min Scan# 2229
Delta R.T. -0.44 min
Lab File: BG038572.D
Acq: 14 Dec 2018 17:48

Instrument :
BNA_G
ClientSampleId :
PB115343BL

Tgt Ion:248 Resp: 5177

Ion	Ratio	Lower	Upper
248	100		
250	187.5	73.4	110.2#
141	382.8	52.9	79.3#

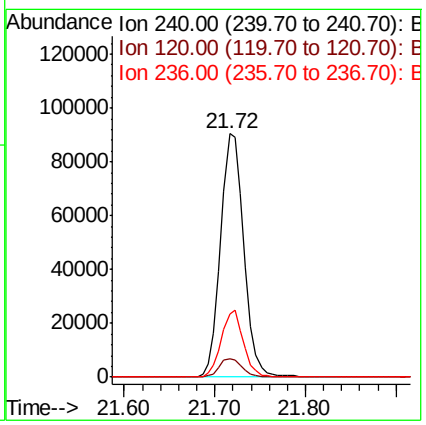


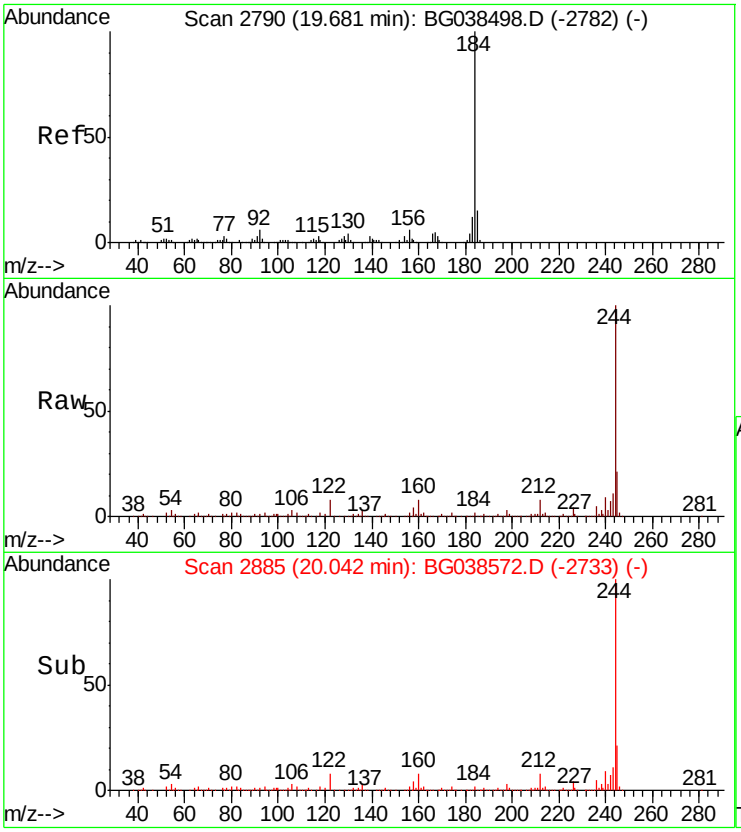


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BG038572.D
Acq: 14 Dec 2018 17:48

Tgt Ion:240 Resp: 160853

Ion	Ratio	Lower	Upper
240	100		
120	7.6	5.3	7.9
236	25.7	21.4	32.2



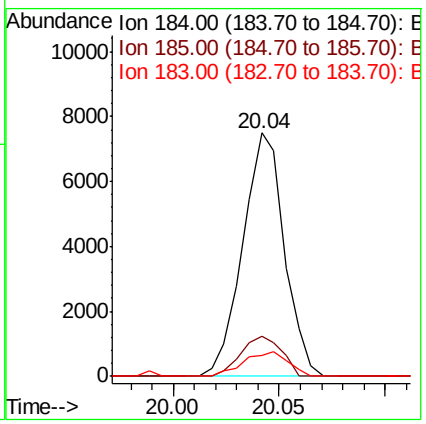


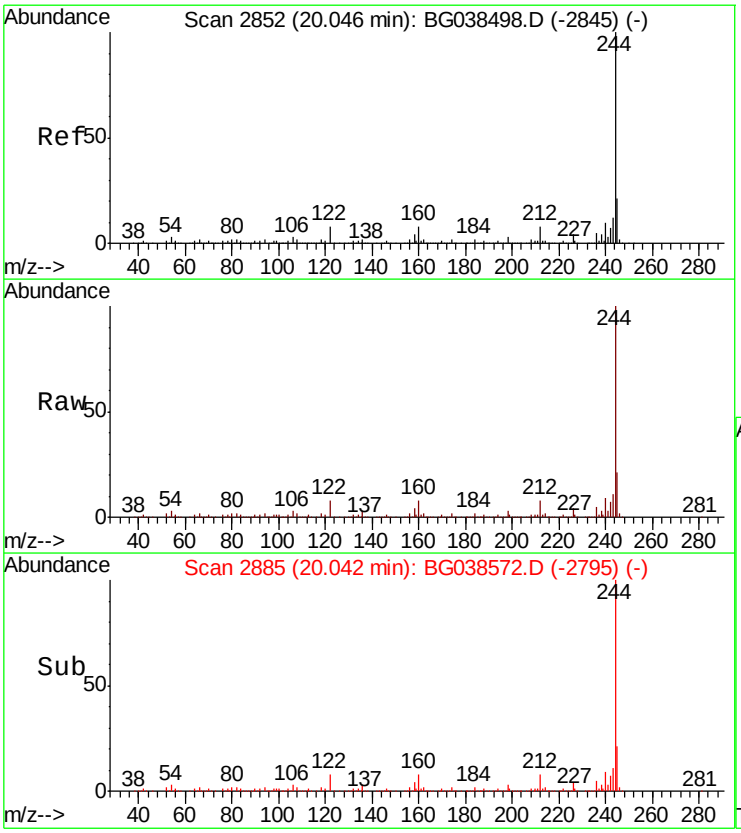
#77
Benzidine
Concen: 2.152 ng
RT: 20.04 min Scan# 2885
Delta R.T. 0.36 min
Lab File: BG038572.D
Acq: 14 Dec 2018 17:48

Instrument :
BNA_G
ClientSampleId :
PB115343BL

Tgt Ion:184 Resp: 10238

Ion	Ratio	Lower	Upper
184	100		
185	16.5	12.2	18.2
183	8.4	9.6	14.4#

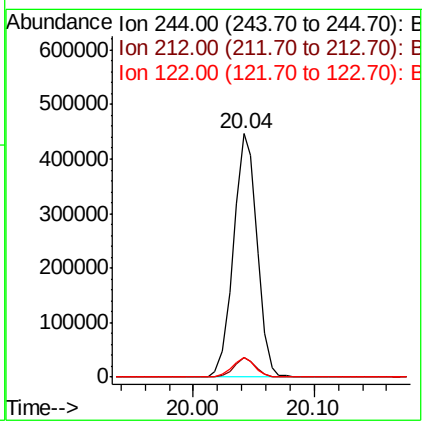


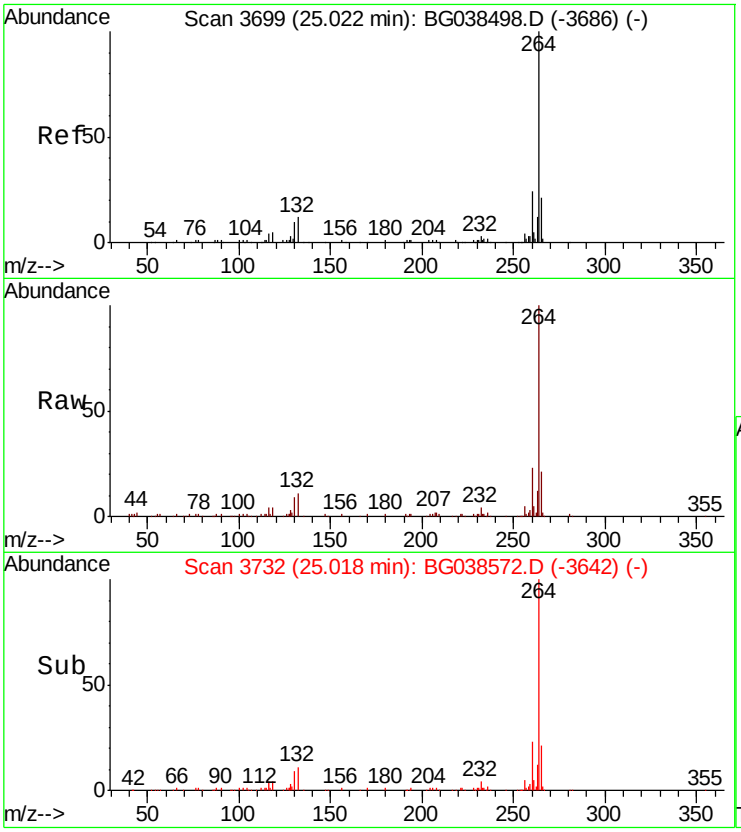


#79
Terphenyl-d14
Concen: 82.058 ng
RT: 20.04 min Scan# 2885
Delta R.T. -0.00 min
Lab File: BG038572.D
Acq: 14 Dec 2018 17:48

Tgt Ion:244 Resp: 606494

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	7.9	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: BG038572.D
Acq: 14 Dec 2018 17:48

Instrument :
BNA_G
ClientSampleId :
PB115343BL

Tgt Ion:264 Resp: 165679

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.9	28.3
265	21.4	17.0	25.4