Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
Data File : BG038857.D
Acq On : 27 Dec 2018 23:51
Operator : JU/SJ
Sample : J6549-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-9

Quant Time: Dec 28 02:44:15 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	22354	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	98581	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	73757	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	175758	20.00	ng		0.00
76) Chrysene-d12	21.72	240	164418	20.00	ng		-0.01
87) Perylene-d12	25.02	264	181820	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	96584	76.63	ng		0.00
7) Phenol-d6	7.21	99	90643	52.39	ng		0.00
23) Nitrobenzene-d5	9.24	82	184115	95.41	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	187507	184.46	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	554265	103.09	ng		0.00
79) Terphenyl-d14	20.04	244	880665	116.57	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.24	94	4618	2.512	ng		95
15) Benzyl Alcohol	8.38	79	3033	2.246	ng	#	55
19) n-Nitroso-di-n-propylamine	9.24	70	25124	20.675	ng	#	62
51) 2,6-Dinitrotoluene	14.69	165	9635	7.059	ng	#	19
57) 2,4-Dinitrotoluene	14.69	165	9635	5.012	ng	#	21
67) 4-Bromophenyl-phenylether	16.19	248	12032	5.605	ng	#	1
77) Benzidine	20.04	184	14931	3.071	ng	#	93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
Data File : BG038857.D
Acq On : 27 Dec 2018 23:51
Operator : JU/SJ
Sample : J6549-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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Quant Time: Dec 28 02:44:15 2018
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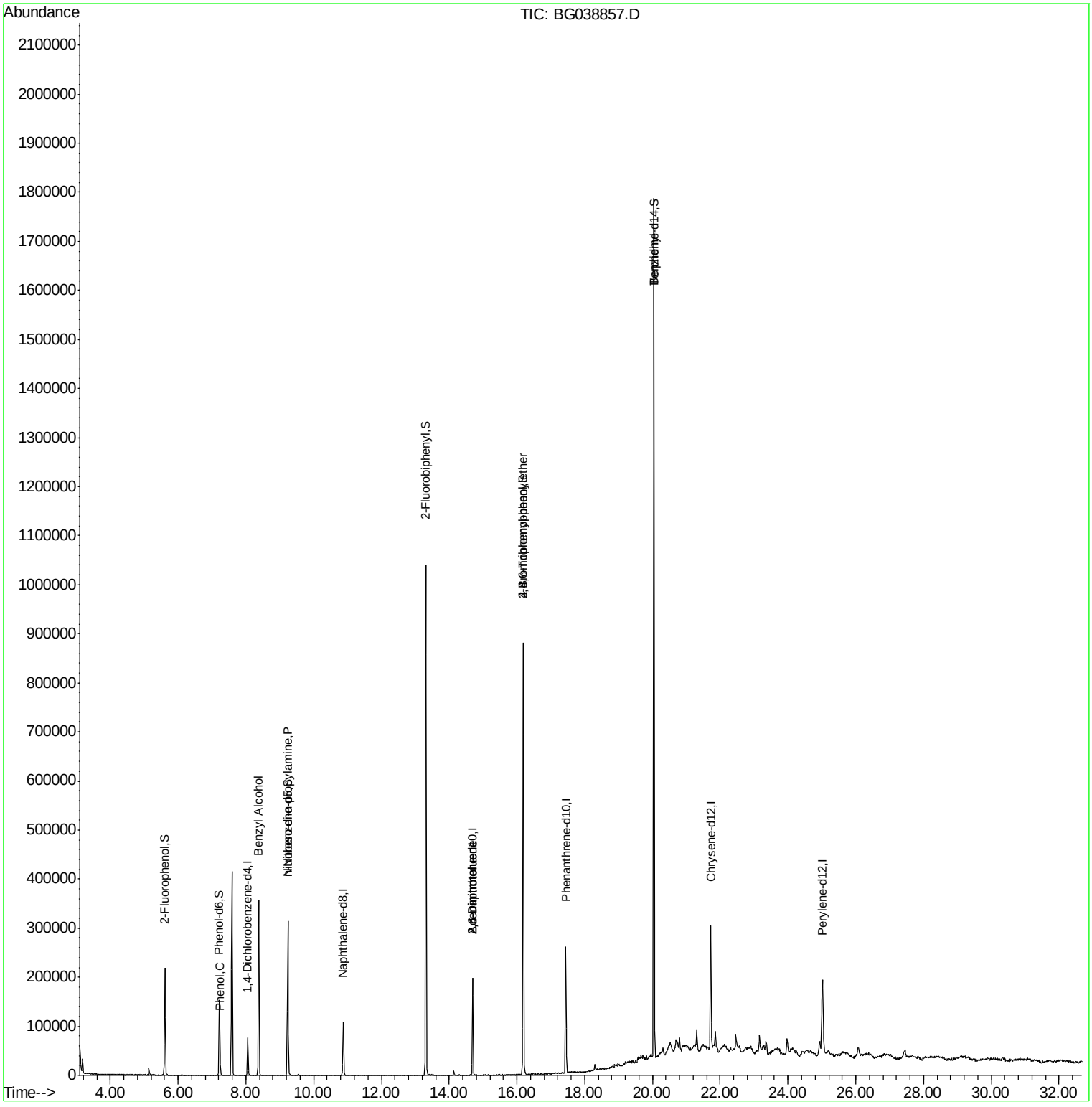
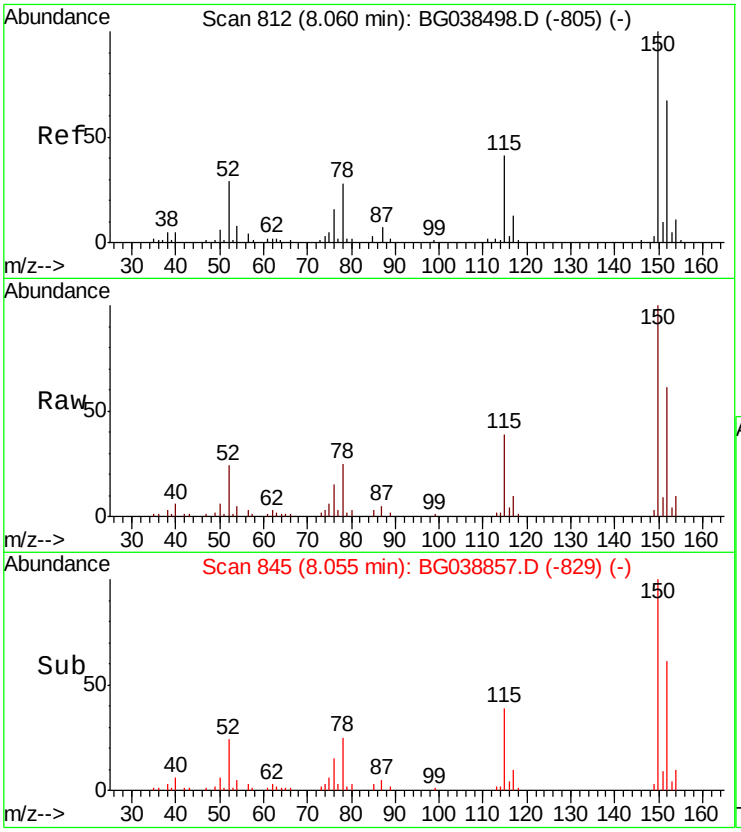
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration



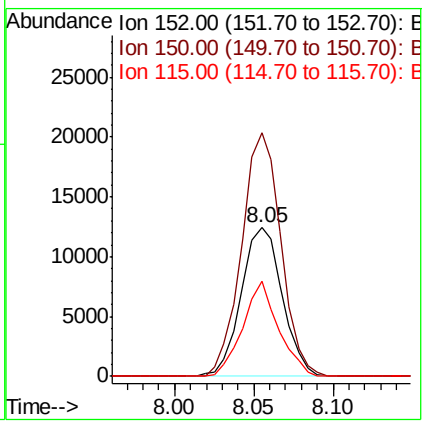


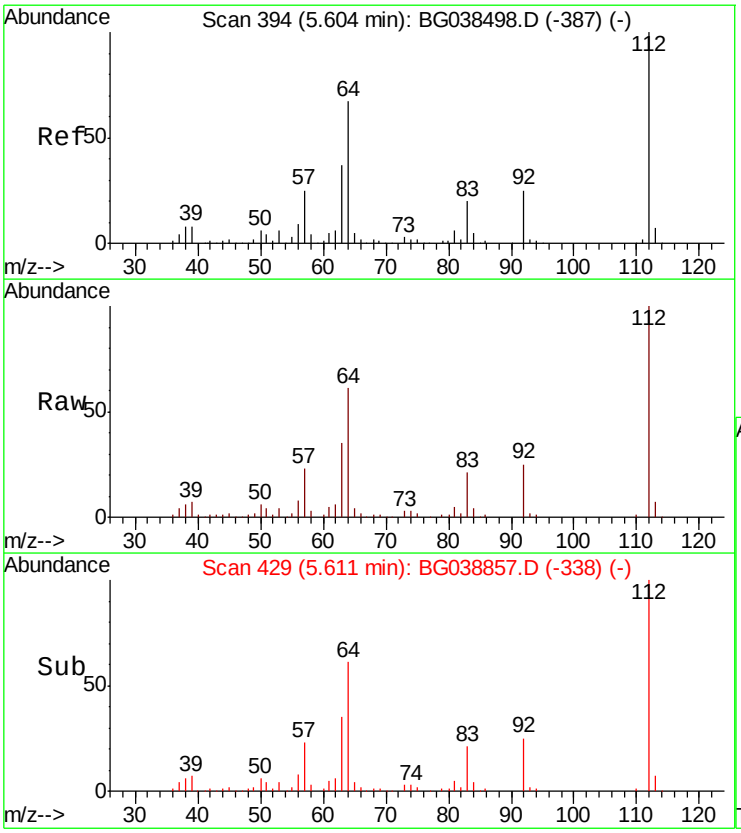
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG038857.D
Acq: 27 Dec 2018 23:51

Instrument :
BNA_G
ClientSampleId :
MW-9

Tgt Ion:152 Resp: 22354

Ion	Ratio	Lower	Upper
152	100		
150	163.9	119.5	179.3
115	64.1	49.6	74.4

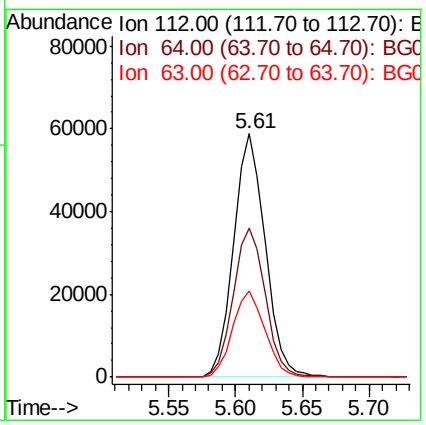


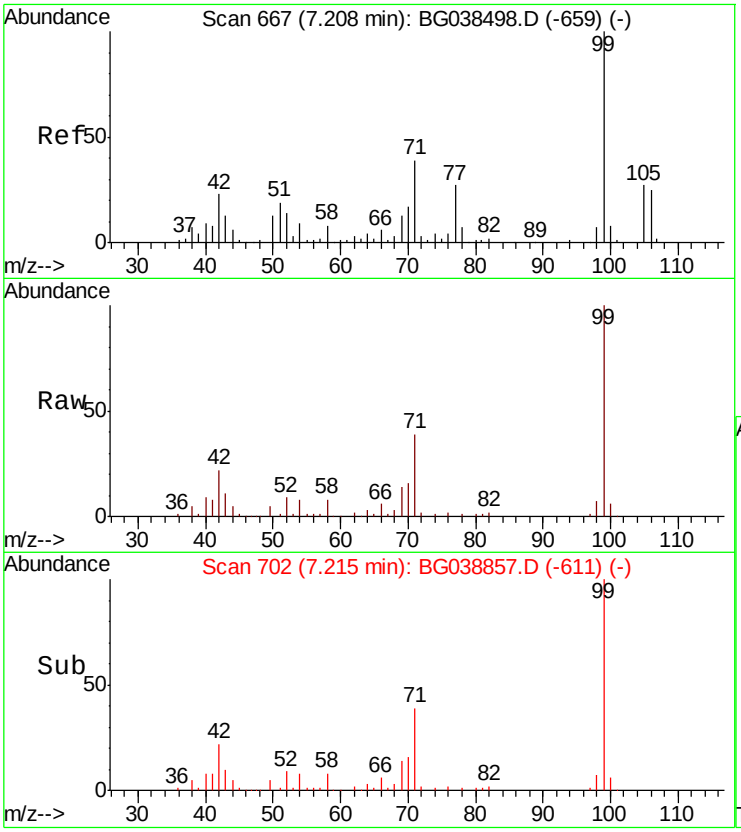


#5
2-Fluorophenol
Concen: 76.633 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038857.D
Acq: 27 Dec 2018 23:51

Tgt Ion:112 Resp: 96584

Ion	Ratio	Lower	Upper
112	100		
64	61.1	53.4	80.2
63	35.1	29.3	43.9



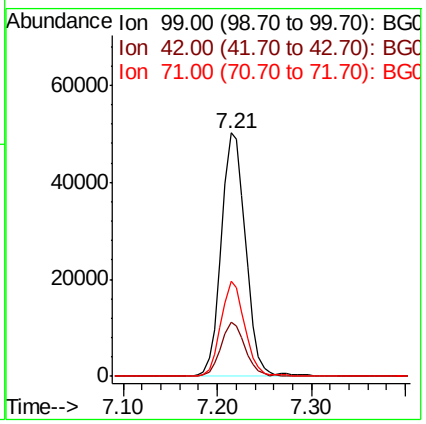


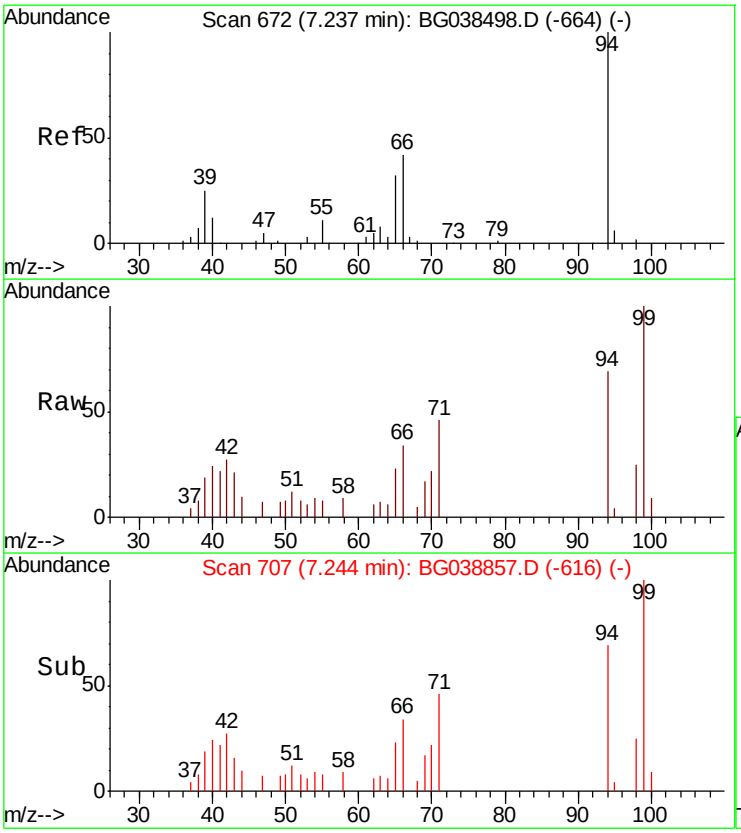
#7
Phenol-d6
Concen: 52.389 ng
RT: 7.21 min Scan# 702
Delta R.T. 0.01 min
Lab File: BG038857.D
Acq: 27 Dec 2018 23:51

Instrument :
BNA_G
ClientSampleId :
MW-9

Tgt Ion: 99 Resp: 90643

Ion	Ratio	Lower	Upper
99	100		
42	22.3	18.5	27.7
71	38.8	31.1	46.7

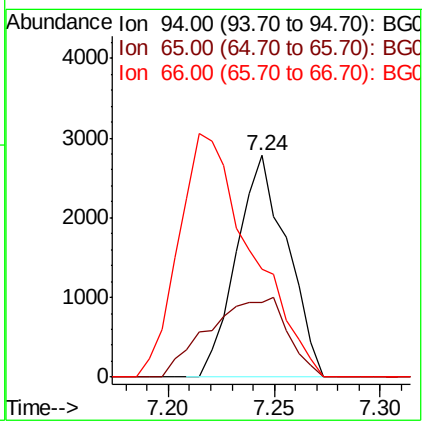


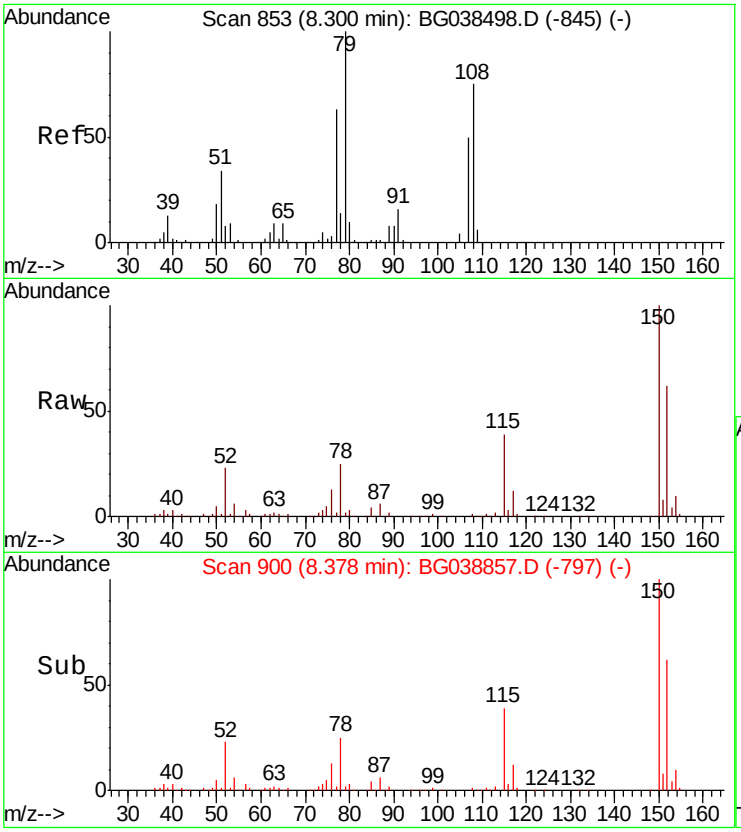


#10
Phenol
Concen: 2.512 ng
RT: 7.24 min Scan# 707
Delta R.T. 0.01 min
Lab File: BG038857.D
Acq: 27 Dec 2018 23:51

Tgt Ion: 94 Resp: 4618

Ion	Ratio	Lower	Upper
94	100		
65	33.6	12.6	52.6
66	48.9	24.1	64.1



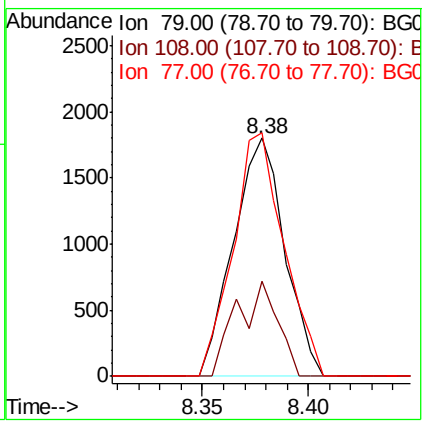


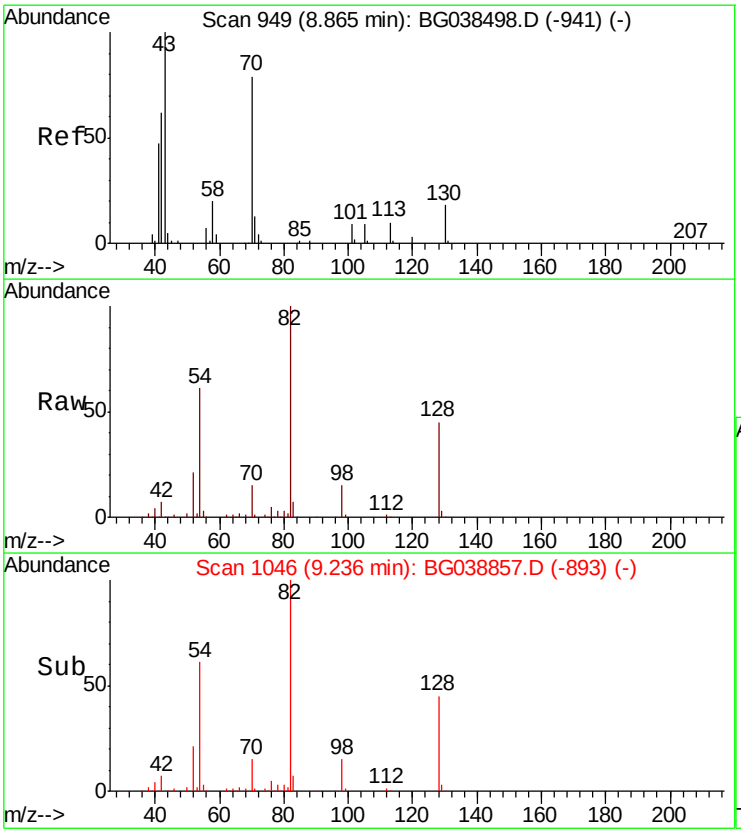
#15
Benzyl Alcohol
Concen: 2.246 ng
RT: 8.38 min Scan# 900
Delta R.T. 0.08 min
Lab File: BG038857.D
Acq: 27 Dec 2018 23:51

Instrument :
BNA_G
ClientSampleId :
MW-9

Tgt Ion: 79 Resp: 3033

Ion	Ratio	Lower	Upper
79	100		
108	39.7	60.2	90.4#
77	102.2	50.7	76.1#

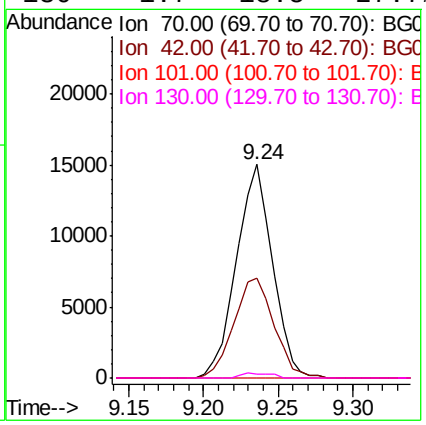


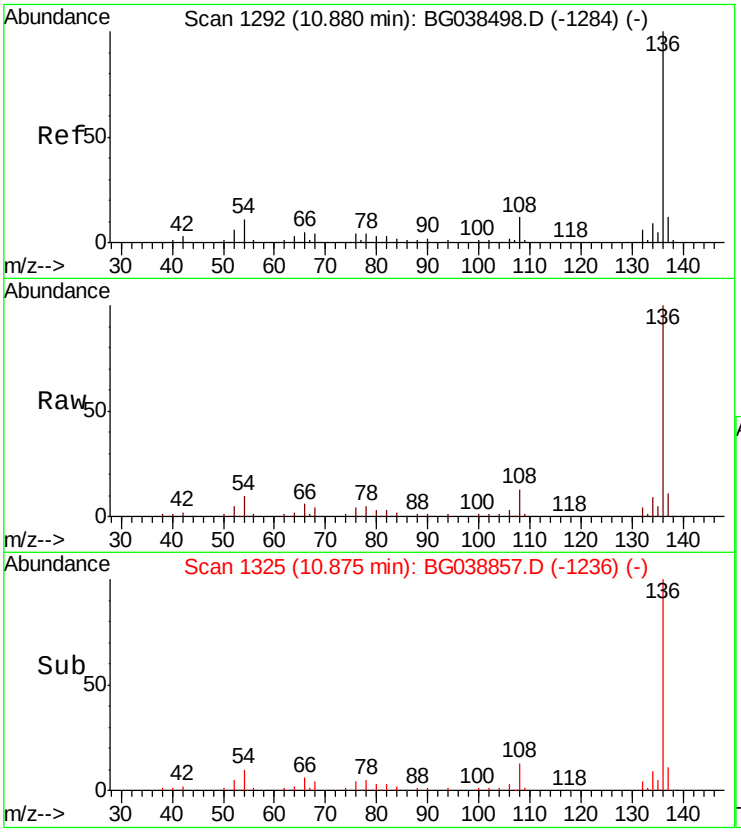


#19
n-Nitroso-di-n-propylamine
Concen: 20.675 ng
RT: 9.24 min Scan# 1046
Delta R.T. 0.37 min
Lab File: BG038857.D
Acq: 27 Dec 2018 23:51

Tgt Ion: 70 Resp: 25124

Ion	Ratio	Lower	Upper
70	100		
42	46.7	63.6	95.4#
101	0.0	9.2	13.8#
130	1.7	18.5	27.7#



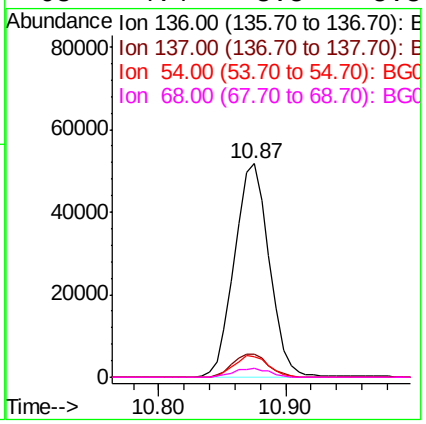


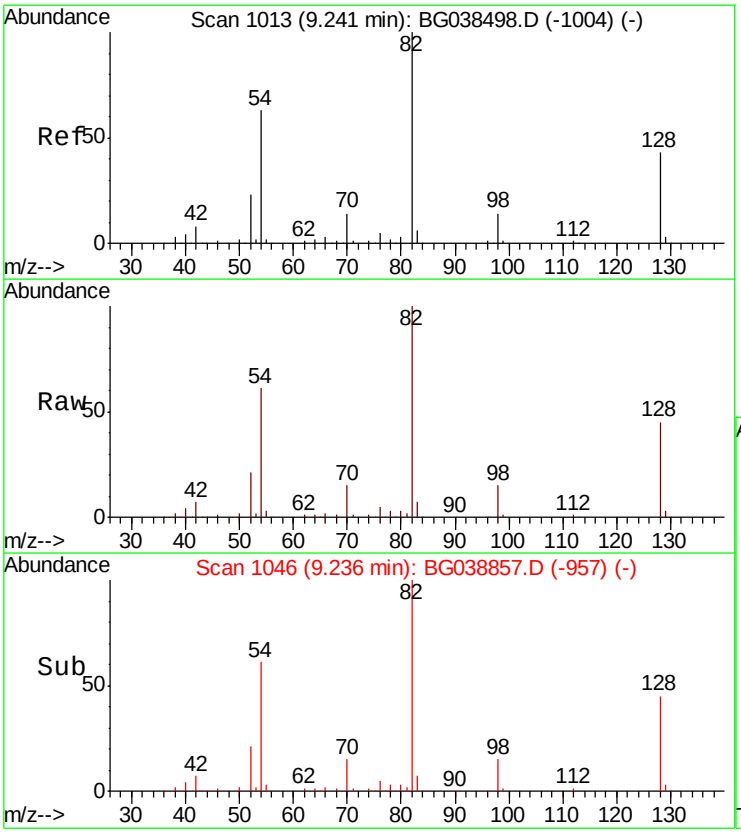
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG038857.D
Acq: 27 Dec 2018 23:51

Instrument :
BNA_G
ClientSampleId :
MW-9

Tgt Ion:136 Resp: 98581

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.3	13.9
54	10.2	8.5	12.7
68	4.4	3.5	5.3

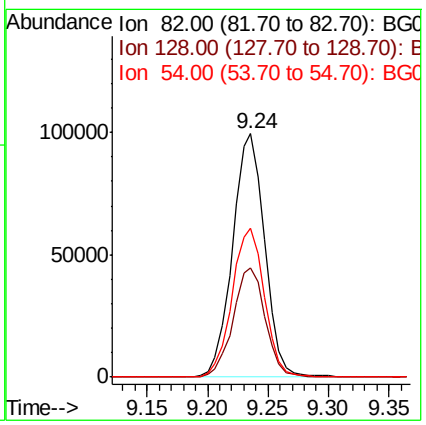


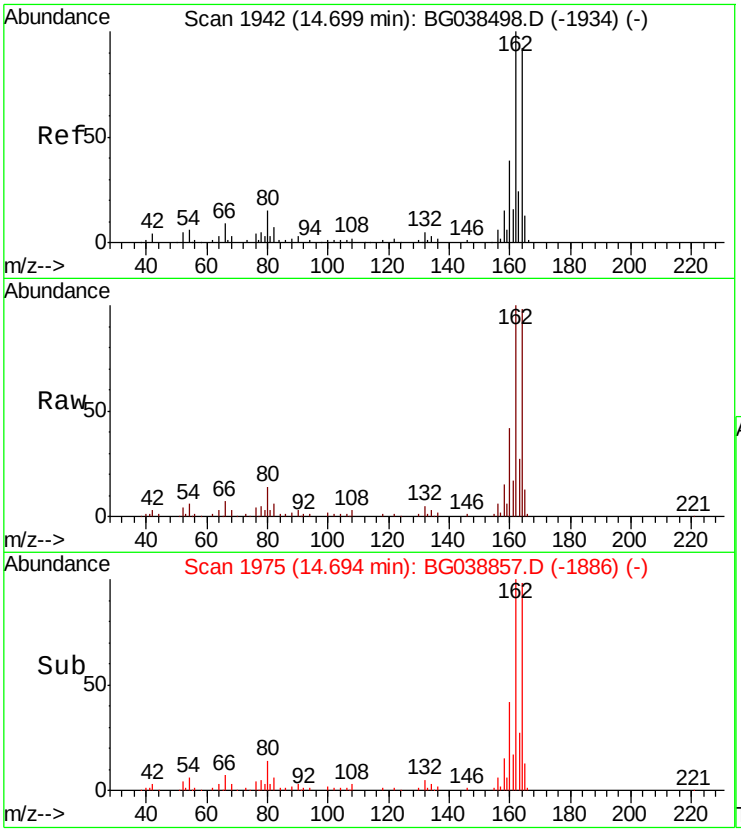


#23
Nitrobenzene-d5
Concen: 95.413 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG038857.D
Acq: 27 Dec 2018 23:51

Tgt Ion: 82 Resp: 184115

Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.6	52.0
54	61.3	50.6	76.0



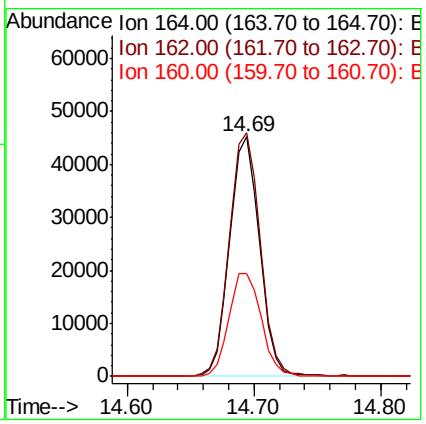


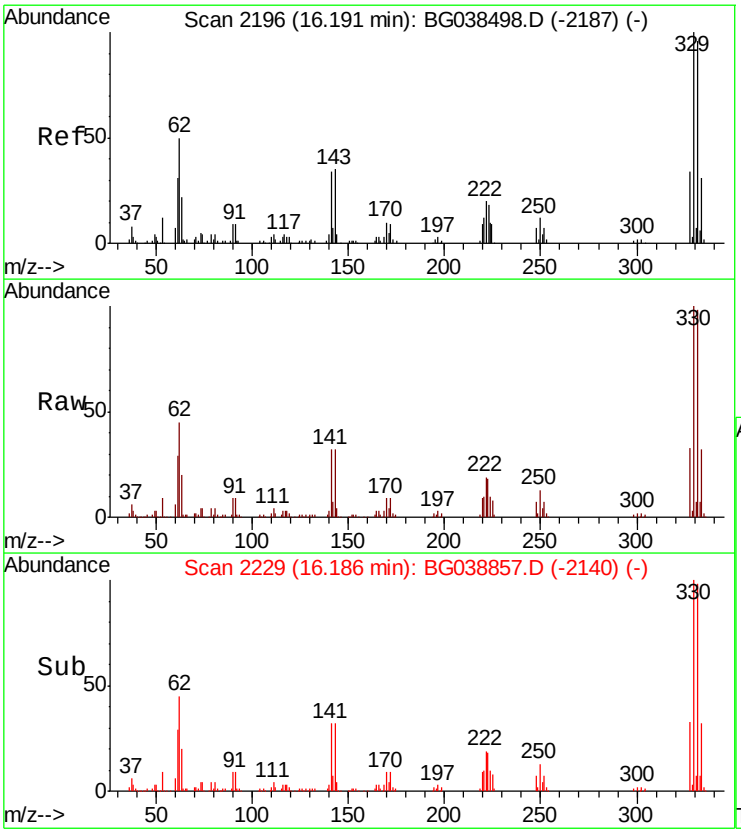
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG038857.D
Acq: 27 Dec 2018 23:51

Instrument :
BNA_G
ClientSampleId :
MW-9

Tgt Ion:164 Resp: 73757

Ion	Ratio	Lower	Upper
164	100		
162	101.7	86.6	130.0
160	43.2	34.2	51.2

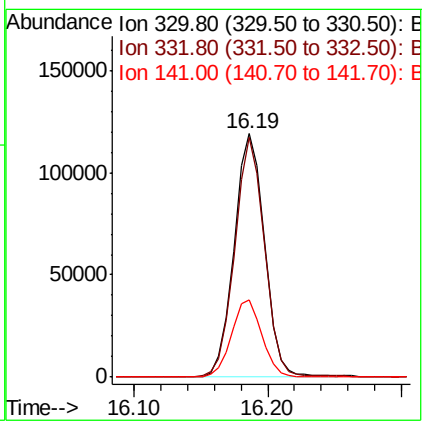


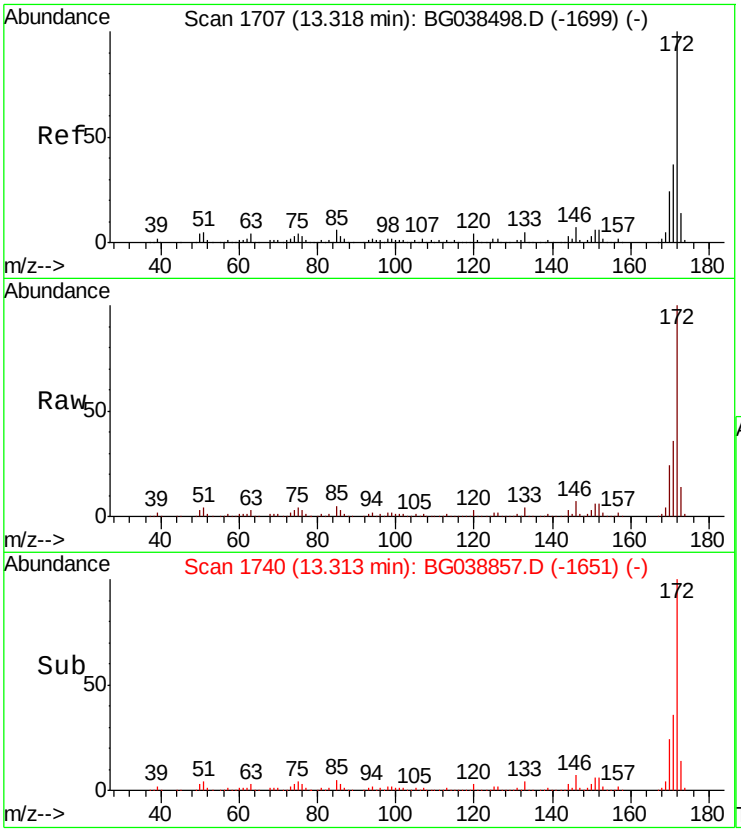


#42
2,4,6-Tribromophenol
Concen: 184.463 ng
RT: 16.19 min Scan# 2229
Delta R.T. -0.00 min
Lab File: BG038857.D
Acq: 27 Dec 2018 23:51

Tgt Ion:330 Resp: 187507

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.9	115.3
141	31.8	28.8	43.2



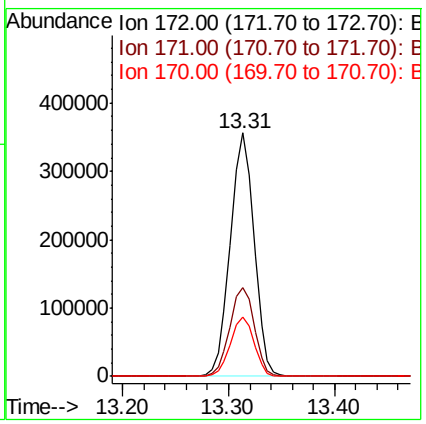


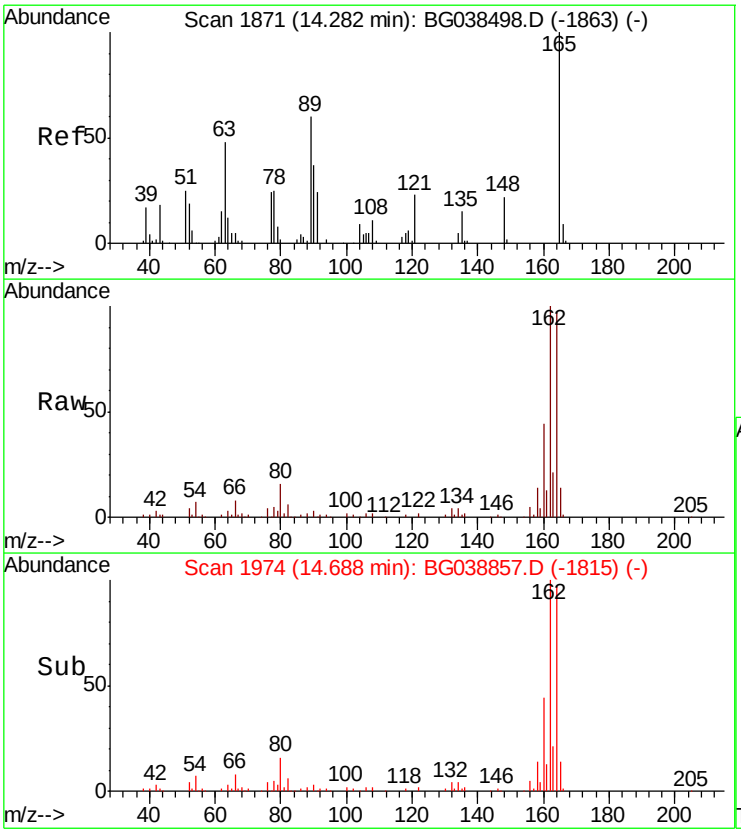
#45
2-Fluorobiphenyl
Concen: 103.091 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.00 min
Lab File: BG038857.D
Acq: 27 Dec 2018 23:51

Instrument :
BNA_G
ClientSampleId :
MW-9

Tgt Ion:172 Resp: 554265

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.8	44.6
170	24.5	19.5	29.3

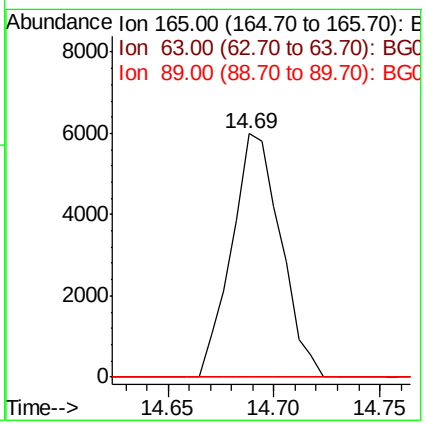


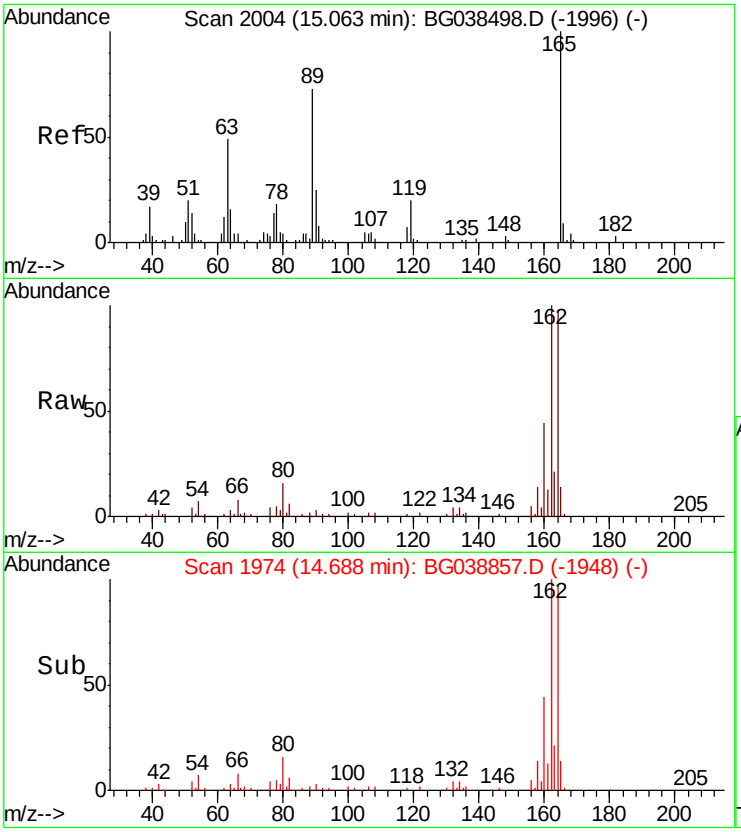


#51
2,6-Dinitrotoluene
Concen: 7.059 ng
RT: 14.69 min Scan# 1974
Delta R.T. 0.41 min
Lab File: BG038857.D
Acq: 27 Dec 2018 23:51

Tgt Ion:165 Resp: 9635

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



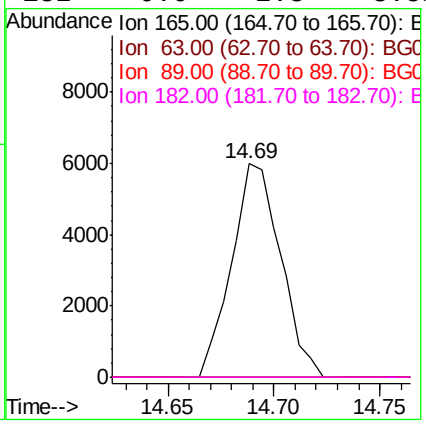


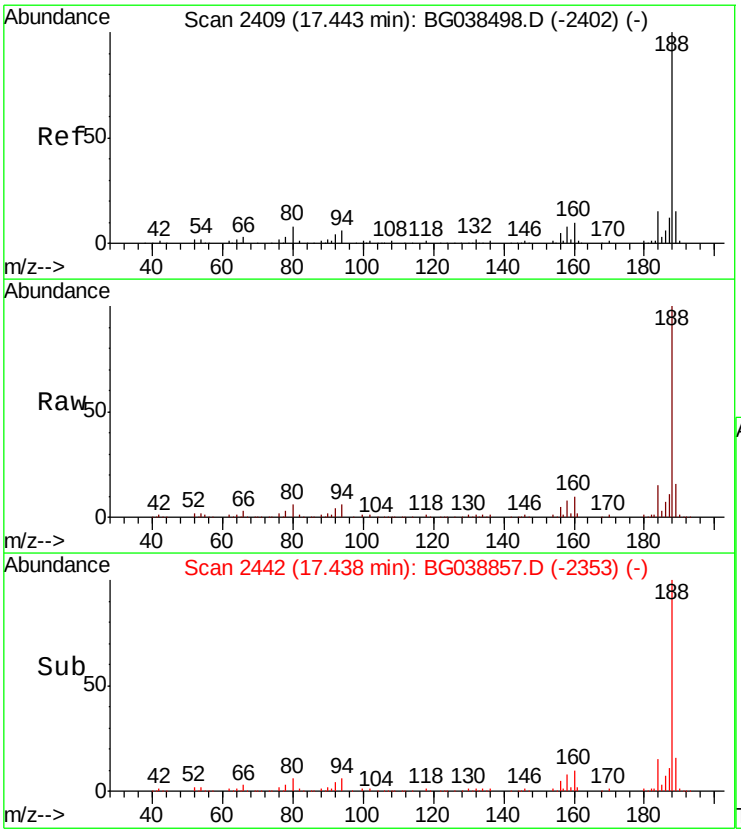
#57
2,4-Dinitrotoluene
Concen: 5.012 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.38 min
Lab File: BG038857.D
Acq: 27 Dec 2018 23:51

Instrument :
BNA_G
ClientSampleId :
MW-9

Tgt Ion:165 Resp: 9635

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#

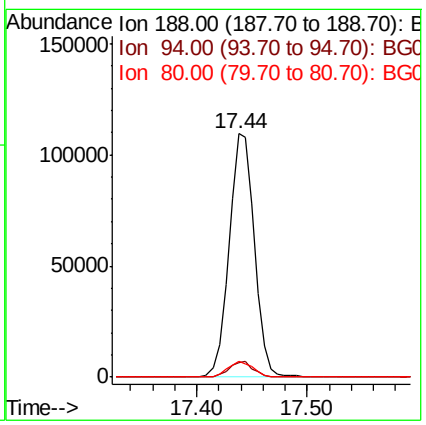


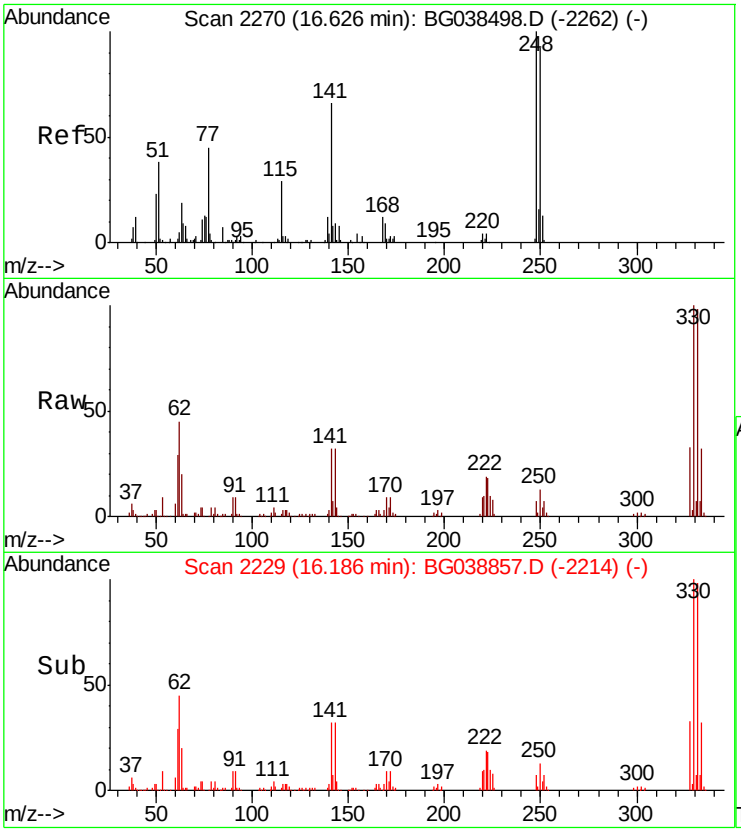


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG038857.D
Acq: 27 Dec 2018 23:51

Tgt Ion:188 Resp: 175758

Ion	Ratio	Lower	Upper
188	100		
94	5.8	5.1	7.7
80	6.4	6.1	9.1



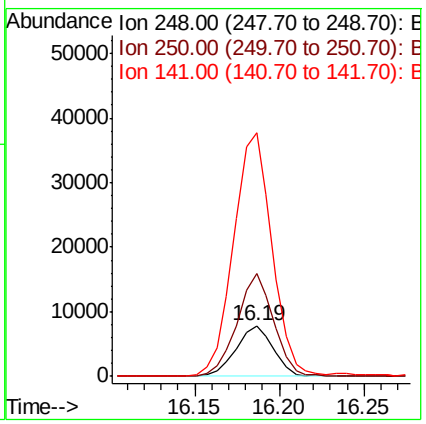


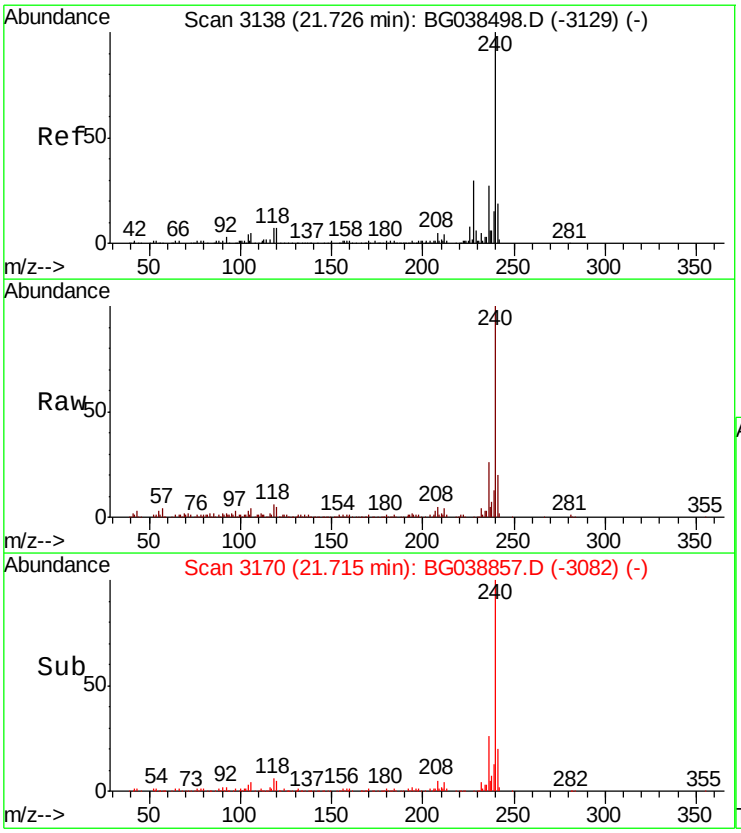
#67
4-Bromophenyl-phenylether
Concen: 5.605 ng
RT: 16.19 min Scan# 2229
Delta R.T. -0.44 min
Lab File: BG038857.D
Acq: 27 Dec 2018 23:51

Instrument :
BNA_G
ClientSampleId :
MW-9

Tgt Ion:248 Resp: 12032

Ion	Ratio	Lower	Upper
248	100		
250	197.7	73.4	110.2#
141	362.1	52.9	79.3#

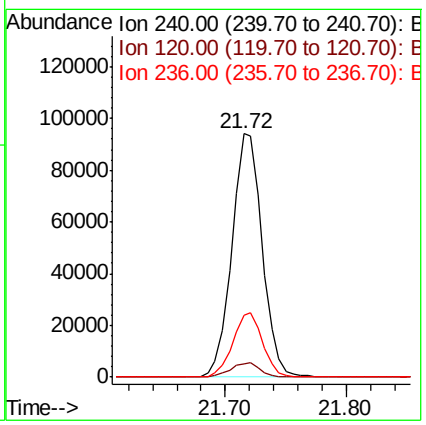


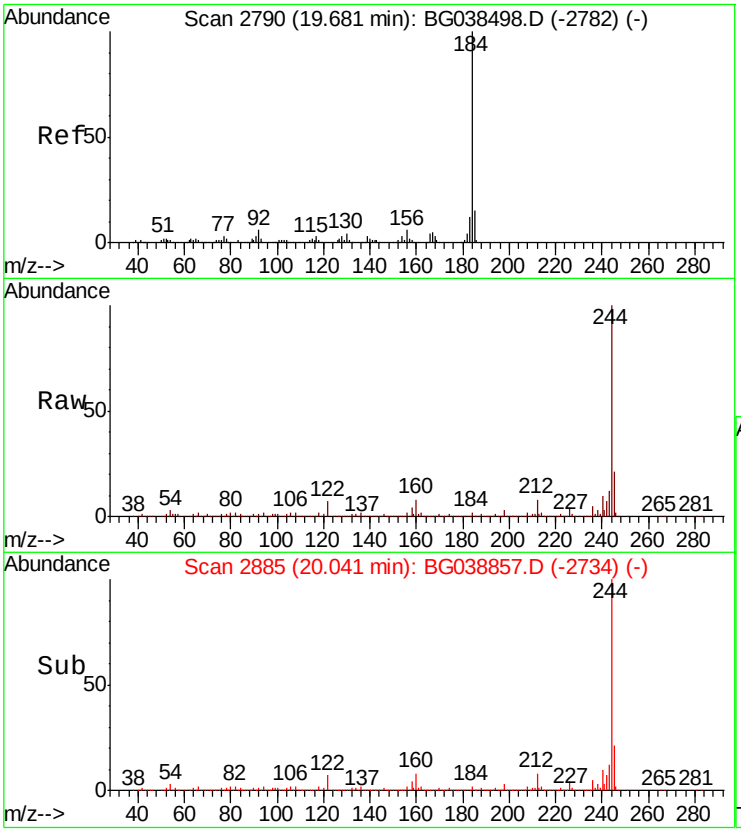


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BG038857.D
Acq: 27 Dec 2018 23:51

Tgt Ion:240 Resp: 164418

Ion	Ratio	Lower	Upper
240	100		
120	5.5	5.3	7.9
236	25.6	21.4	32.2



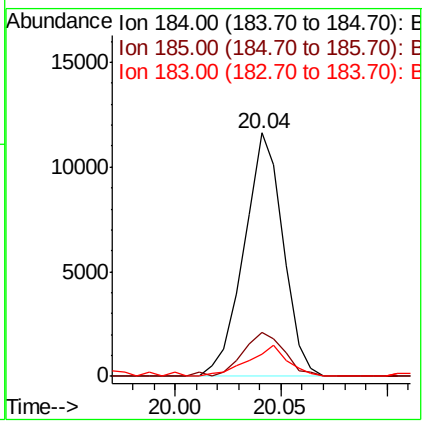


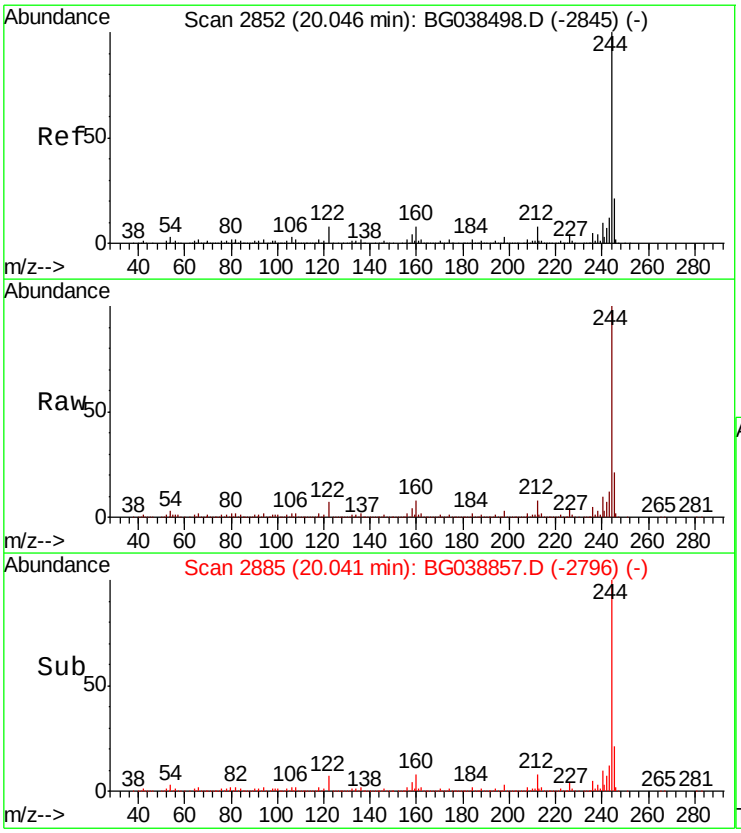
#77
Benzidine
Concen: 3.071 ng
RT: 20.04 min Scan# 2885
Delta R.T. 0.36 min
Lab File: BG038857.D
Acq: 27 Dec 2018 23:51

Instrument :
BNA_G
ClientSampleId :
MW-9

Tgt Ion:184 Resp: 14931

Ion	Ratio	Lower	Upper
184	100		
185	18.3	12.2	18.2#
183	9.1	9.6	14.4#

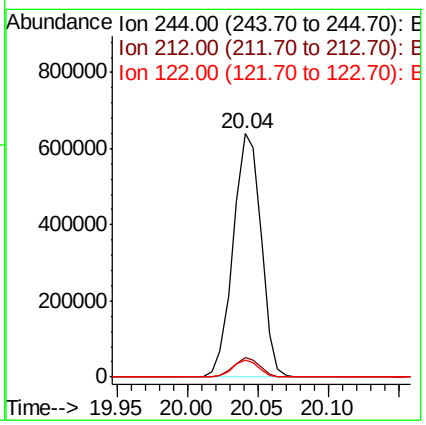


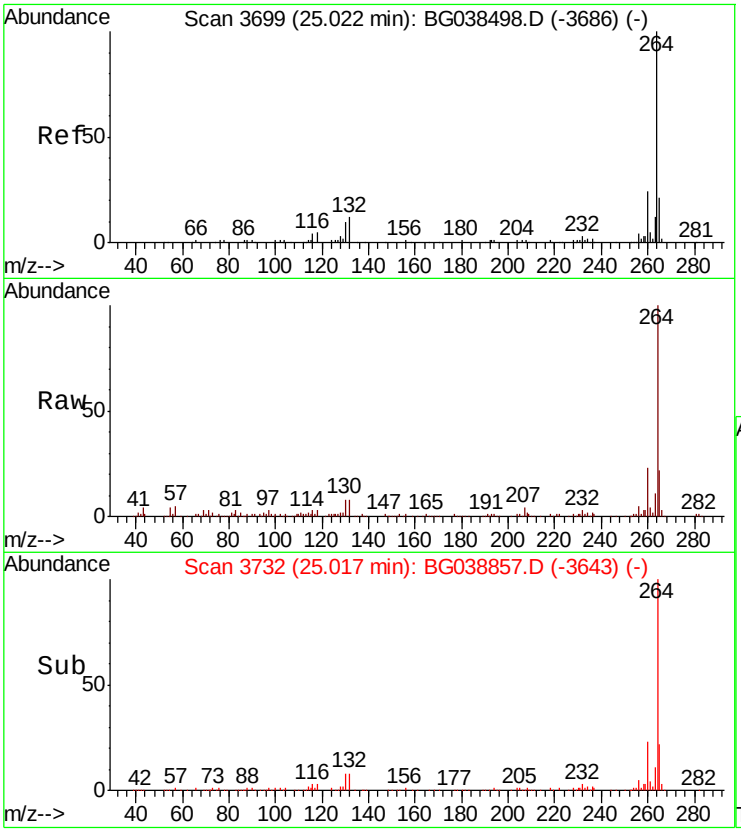


#79
Terphenyl-d14
Concen: 116.570 ng
RT: 20.04 min Scan# 2885
Delta R.T. -0.00 min
Lab File: BG038857.D
Acq: 27 Dec 2018 23:51

Tgt Ion:244 Resp: 880665

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.2
122	6.8	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: BG038857.D
Acq: 27 Dec 2018 23:51

Instrument :
BNA_G
ClientSampleId :
MW-9

Tgt Ion:264 Resp: 181820

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.9	28.3
265	21.9	17.0	25.4