Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
Data File : BG038679.D
Acq On : 18 Dec 2018 2:17
Operator : JU/SJ
Sample : J6403-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1-B

Quant Time: Dec 18 03:46:17 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	23953	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	93206	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	60882	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	162418	20.00	ng	0.00
76) Chrysene-d12	21.72	240	168158	20.00	ng	0.00
87) Perylene-d12	25.02	264	175319	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	187299	138.69	ng	0.01
7) Phenol-d6	7.21	99	219792	118.55	ng	0.00
23) Nitrobenzene-d5	9.24	82	186236	102.08	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	136893	163.15	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	425725	95.93	ng	0.00
79) Terphenyl-d14	20.04	244	867565	112.28	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.38	79	3169	2.190	ng	# 52
19) n-Nitroso-di-n-propylamine	9.24	70	25520	19.599	ng	# 70
51) 2,6-Dinitrotoluene	14.70	165	7457	6.618	ng	# 19
57) 2,4-Dinitrotoluene	14.70	165	7457	4.699	ng	# 21
67) 4-Bromophenyl-phenylether	16.18	248	9316	4.697	ng	# 1
77) Benzidine	20.04	184	16139	3.245	ng	# 95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
Data File : BG038679.D
Acq On : 18 Dec 2018 2:17
Operator : JU/SJ
Sample : J6403-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
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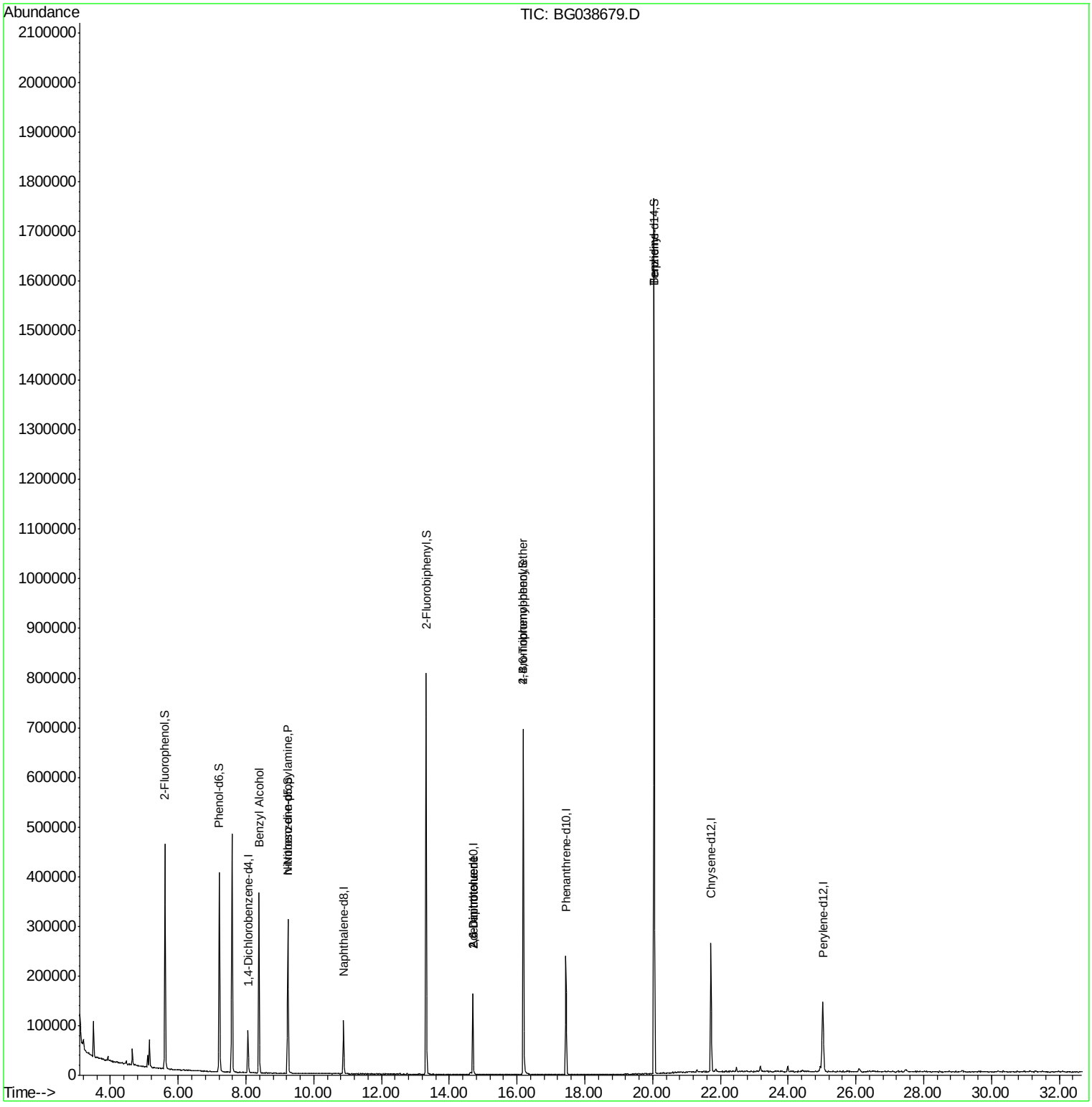
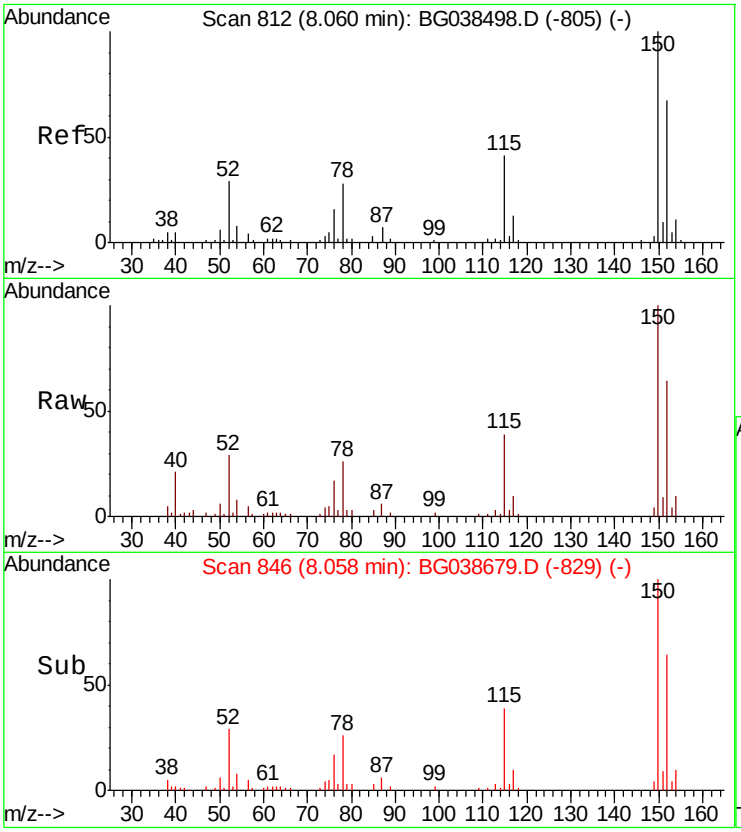
TP-1-B

Quant Time: Dec 18 03:46:17 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



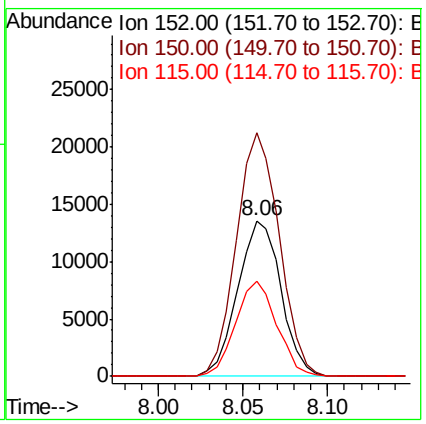


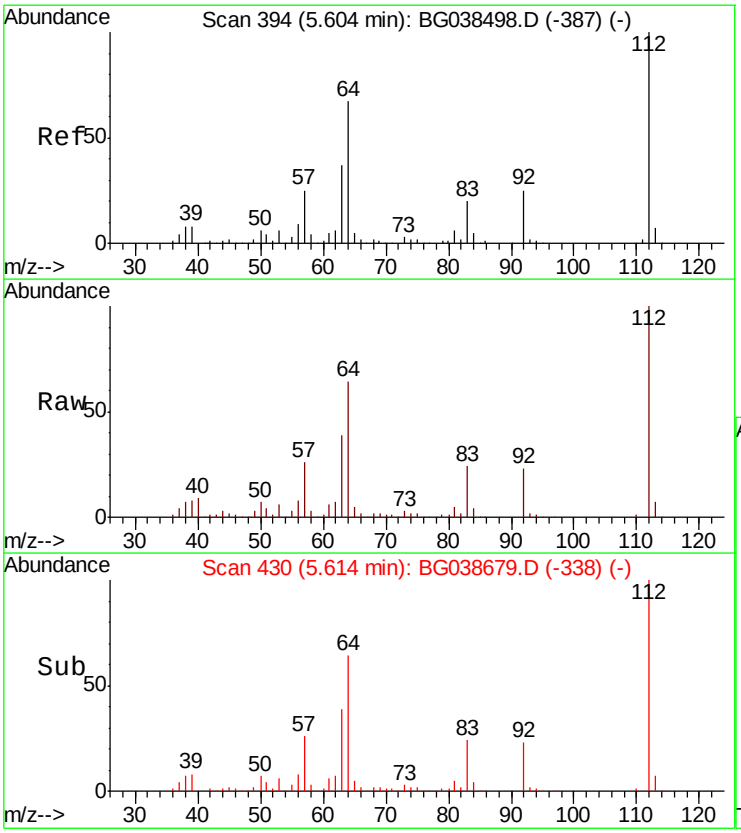
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038679.D
Acq: 18 Dec 2018 2:17

Instrument :
BNA_G
ClientSampleId :
TP-1-B

Tgt Ion:152 Resp: 23953

Ion	Ratio	Lower	Upper
152	100		
150	156.3	119.5	179.3
115	60.9	49.6	74.4

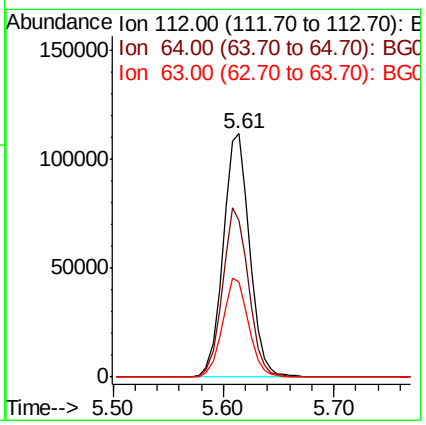


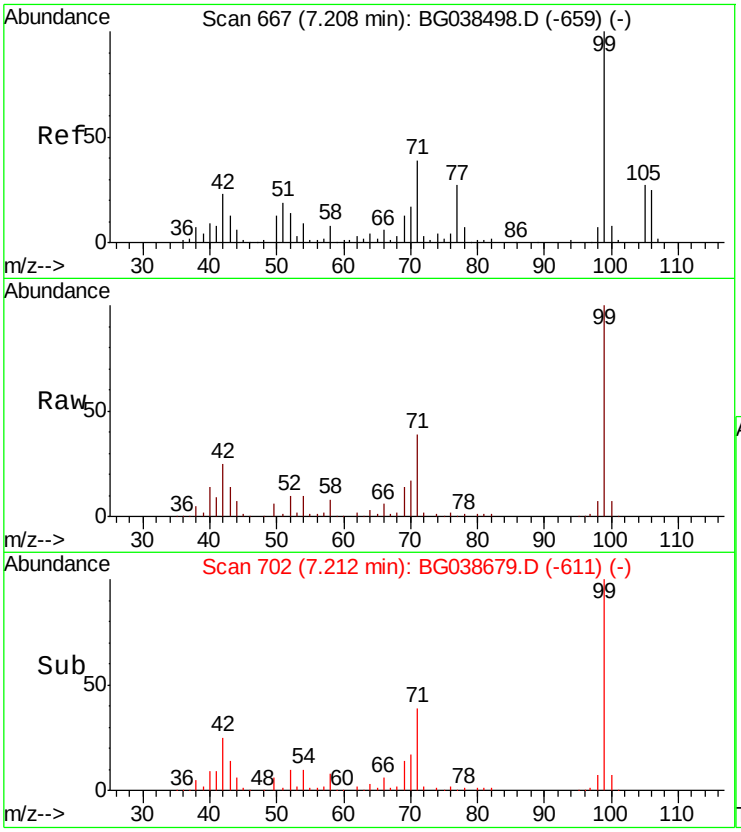


#5
2-Fluorophenol
Concen: 138.690 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG038679.D
Acq: 18 Dec 2018 2:17

Tgt Ion:112 Resp: 187299

Ion	Ratio	Lower	Upper
112	100		
64	64.3	53.4	80.2
63	38.9	29.3	43.9



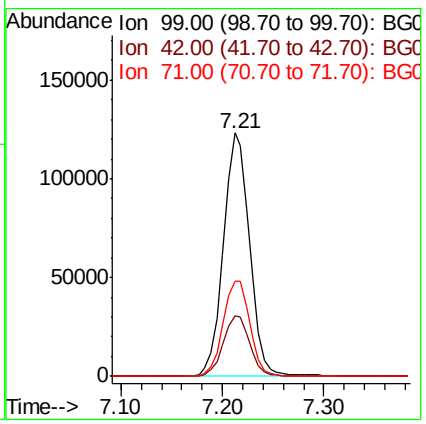


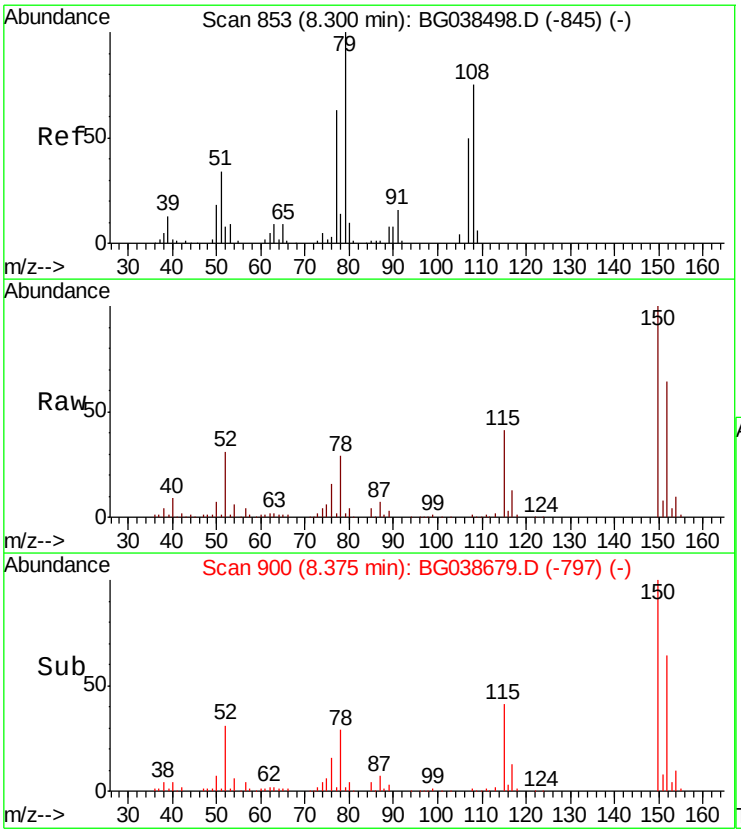
#7
Phenol-d6
Concen: 118.553 ng
RT: 7.21 min Scan# 702
Delta R.T. 0.00 min
Lab File: BG038679.D
Acq: 18 Dec 2018 2:17

Instrument :
BNA_G
ClientSampleId :
TP-1-B

Tgt Ion: 99 Resp: 219792

Ion	Ratio	Lower	Upper
99	100		
42	25.0	18.5	27.7
71	39.3	31.1	46.7

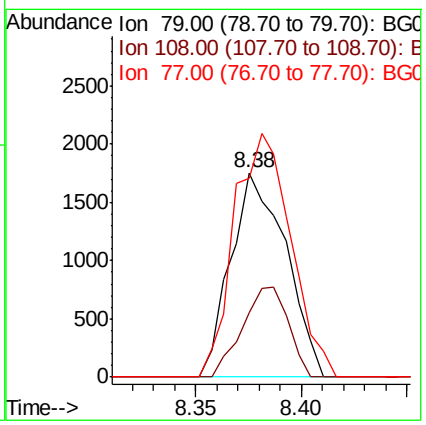


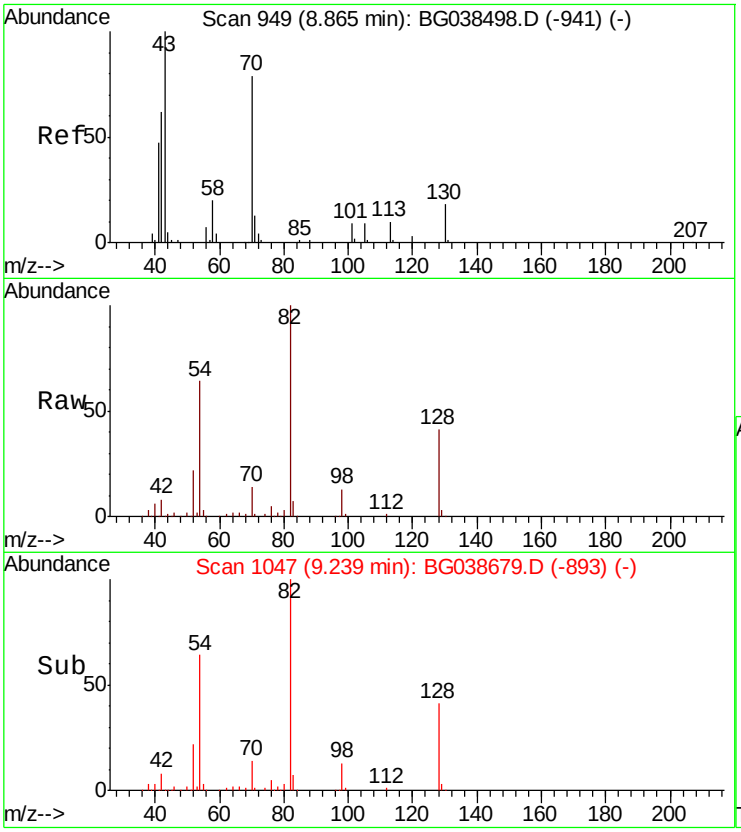


#15
Benzyl Alcohol
Concen: 2.190 ng
RT: 8.38 min Scan# 900
Delta R.T. 0.07 min
Lab File: BG038679.D
Acq: 18 Dec 2018 2:17

Tgt Ion: 79 Resp: 3169

Ion	Ratio	Lower	Upper
79	100		
108	31.5	60.2	90.4#
77	97.8	50.7	76.1#



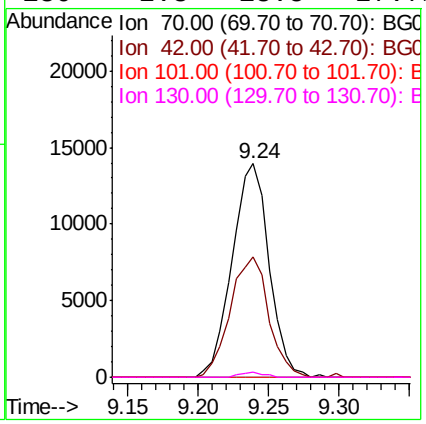


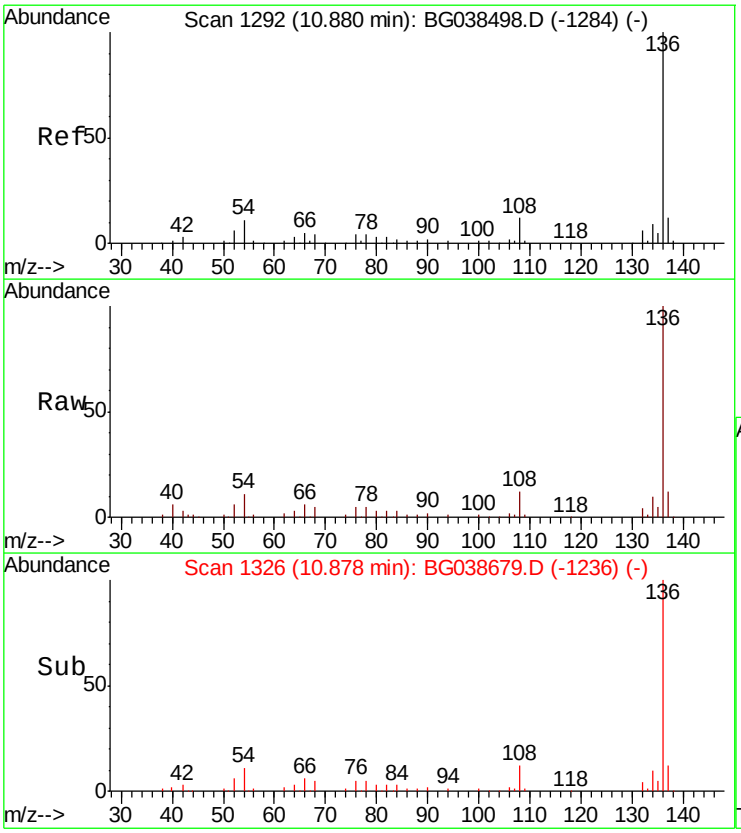
#19
n-Nitroso-di-n-propylamine
Concen: 19.599 ng
RT: 9.24 min Scan# 1047
Delta R.T. 0.37 min
Lab File: BG038679.D
Acq: 18 Dec 2018 2:17

Instrument :
BNA_G
ClientSampleId :
TP-1-B

Tgt Ion: 70 Resp: 25520

Ion	Ratio	Lower	Upper
70	100		
42	56.2	63.6	95.4#
101	0.0	9.2	13.8#
130	2.3	18.5	27.7#

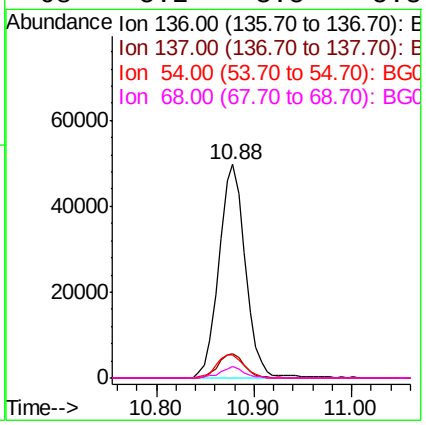


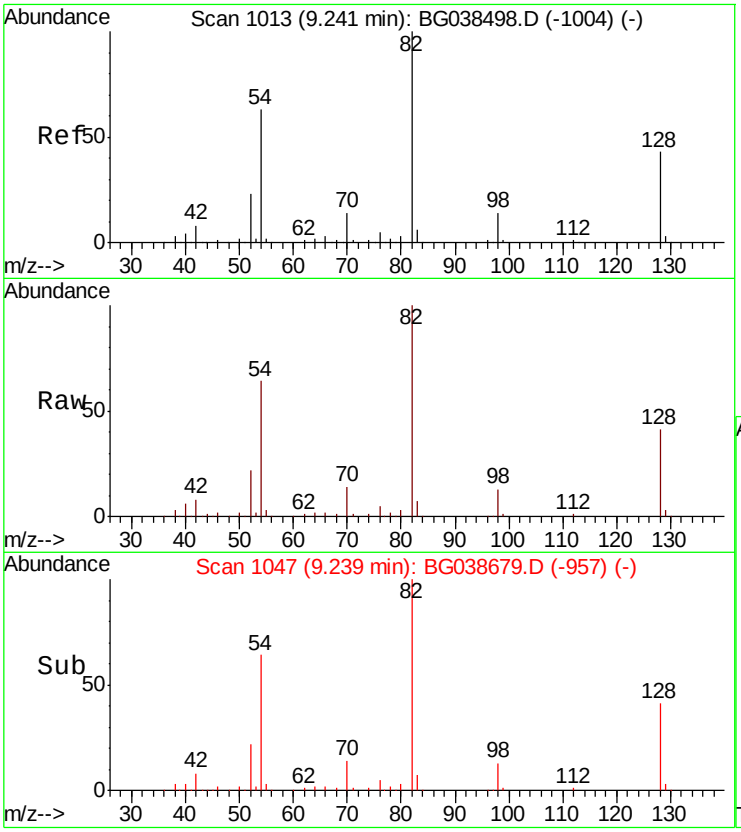


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038679.D
Acq: 18 Dec 2018 2:17

Tgt Ion:136 Resp: 93206

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.3	13.9
54	10.9	8.5	12.7
68	5.2	3.5	5.3



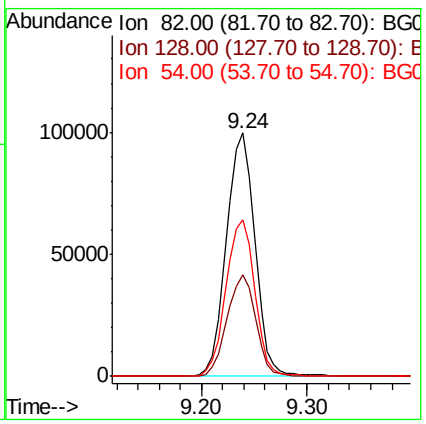


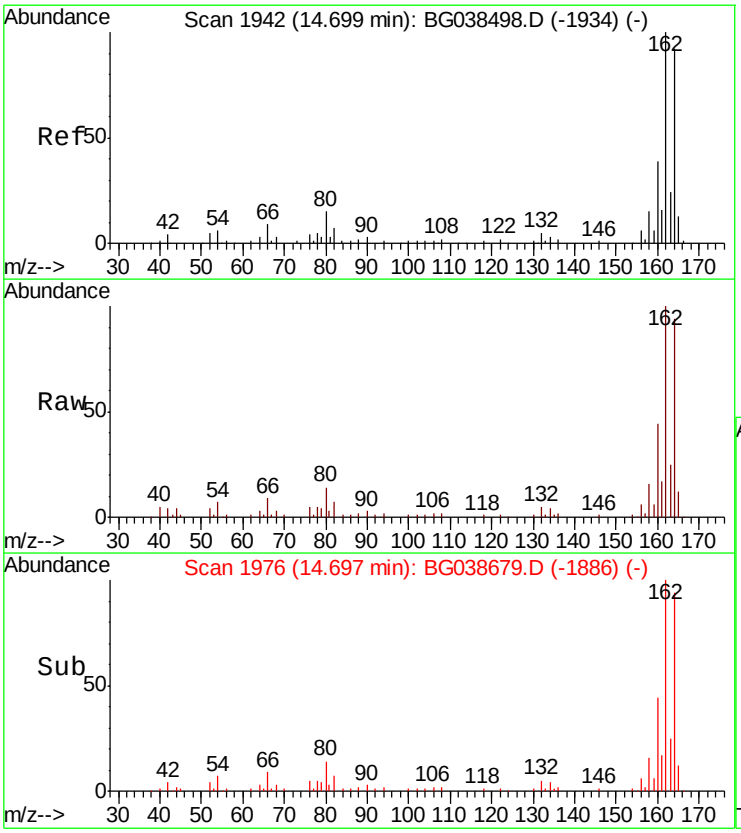
#23
Nitrobenzene-d5
Concen: 102.078 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG038679.D
Acq: 18 Dec 2018 2:17

Instrument :
BNA_G
ClientSampleId :
TP-1-B

Tgt Ion: 82 Resp: 186236

Ion	Ratio	Lower	Upper
82	100		
128	41.5	34.6	52.0
54	64.1	50.6	76.0

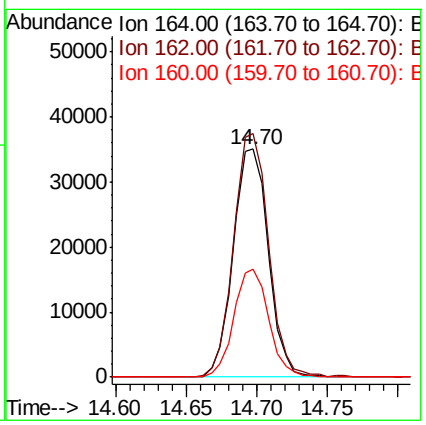


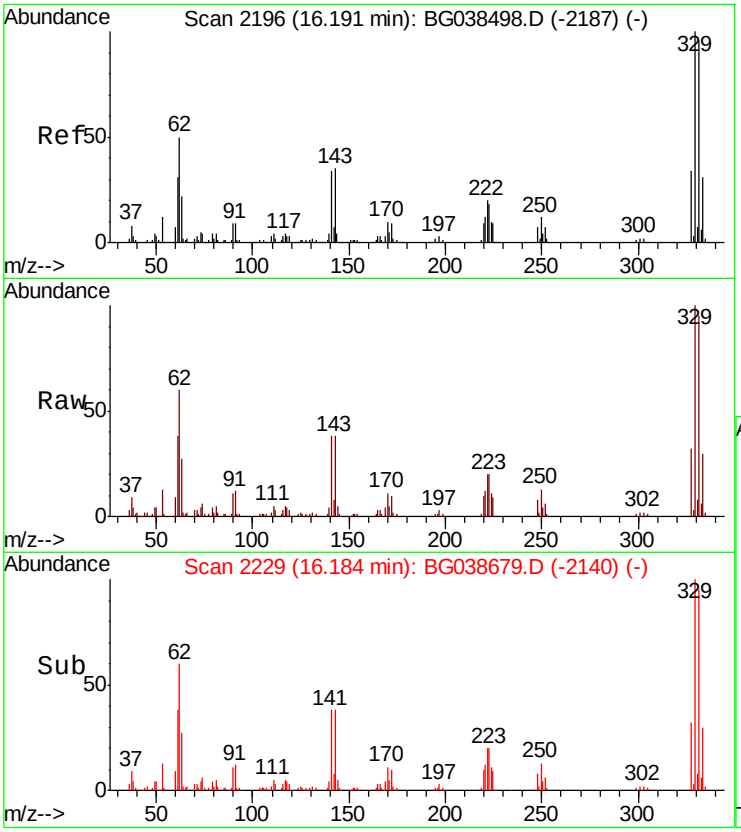


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG038679.D
Acq: 18 Dec 2018 2:17

Tgt Ion:164 Resp: 60882

Ion	Ratio	Lower	Upper
164	100		
162	106.9	86.6	130.0
160	47.3	34.2	51.2



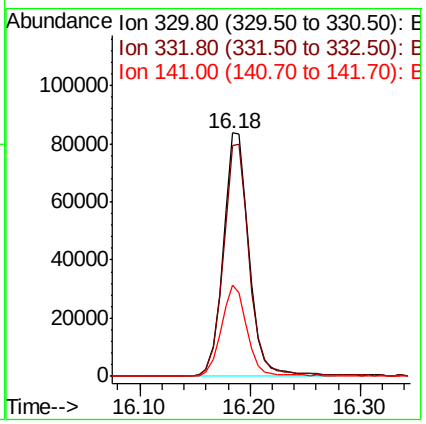


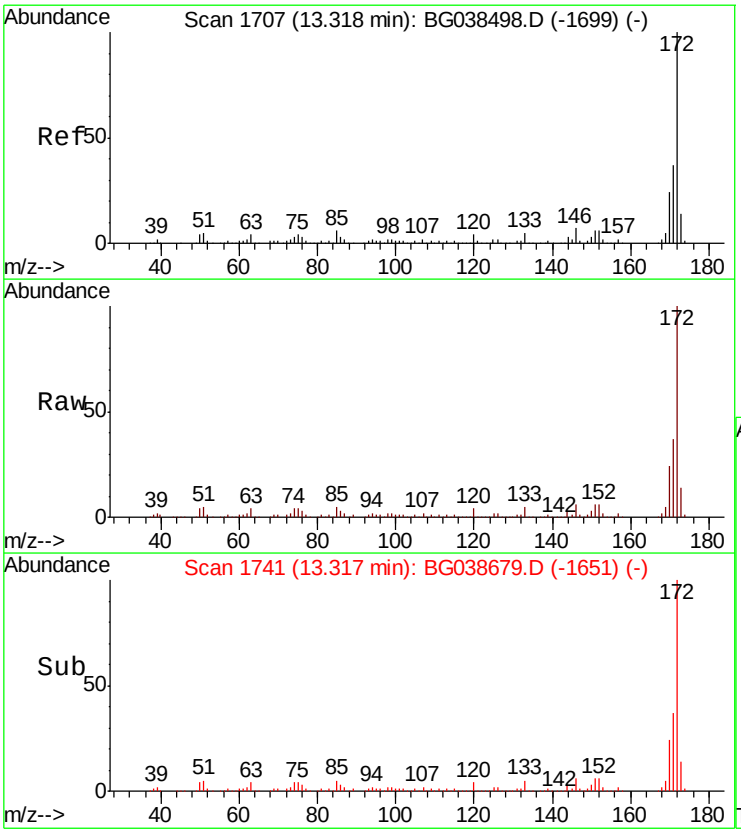
#42
2,4,6-Tribromophenol
Concen: 163.150 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BG038679.D
Acq: 18 Dec 2018 2:17

Instrument :
BNA_G
ClientSampleId :
TP-1-B

Tgt Ion:330 Resp: 136893

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.9	115.3
141	37.3	28.8	43.2

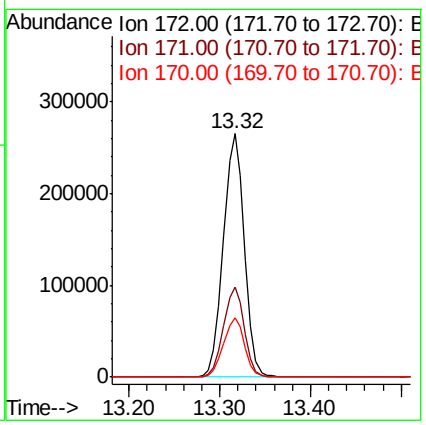


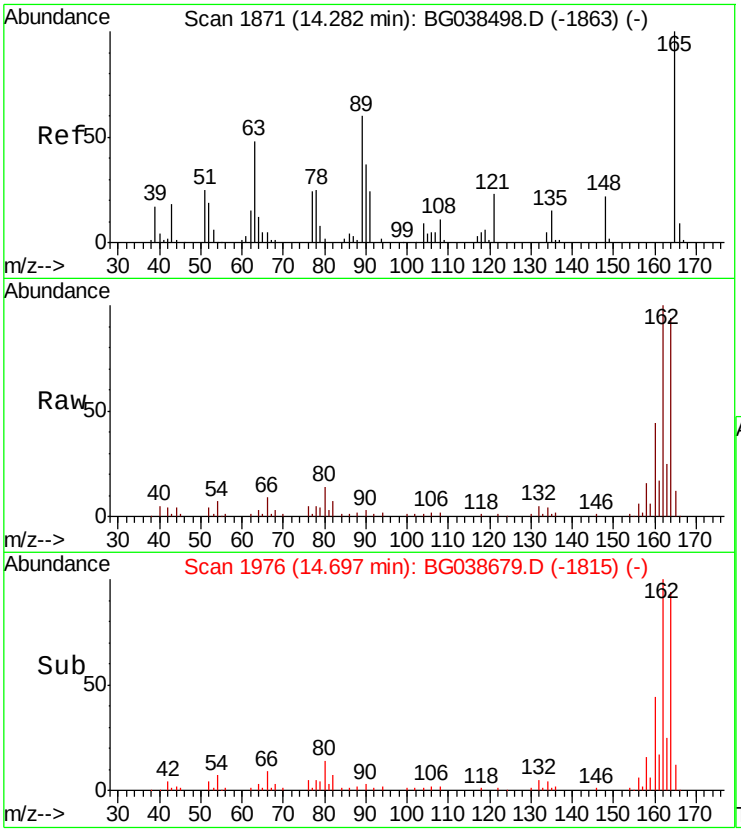


#45
2-Fluorobiphenyl
Concen: 95.928 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG038679.D
Acq: 18 Dec 2018 2:17

Tgt Ion:172 Resp: 425725

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.8	44.6
170	24.5	19.5	29.3



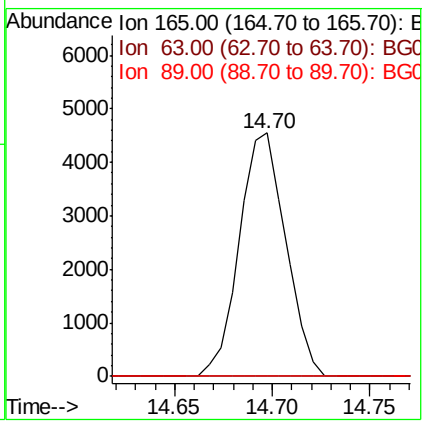


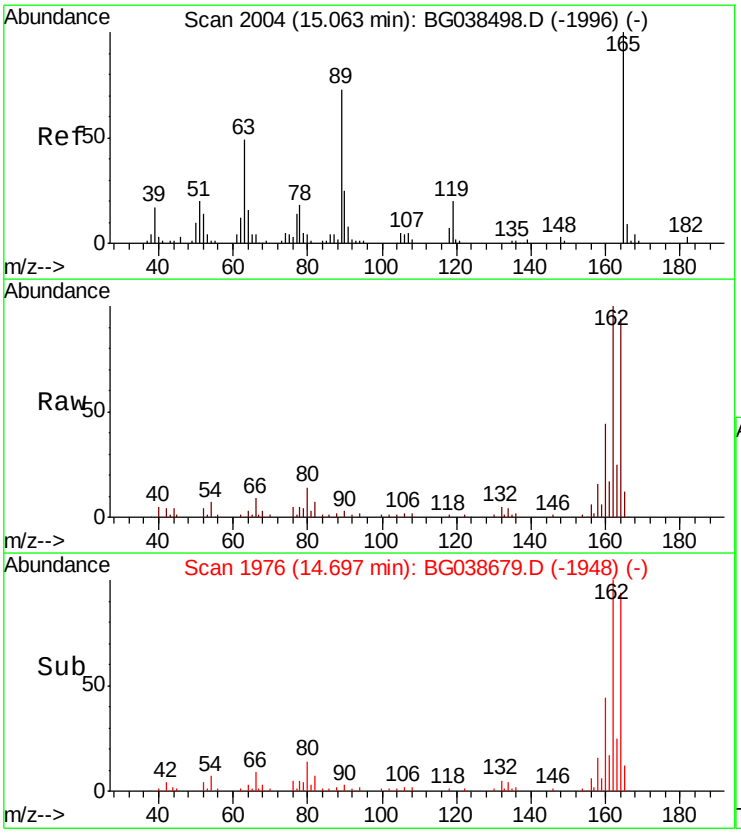
#51
2,6-Dinitrotoluene
Concen: 6.618 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.42 min
Lab File: BG038679.D
Acq: 18 Dec 2018 2:17

Instrument :
BNA_G
ClientSampleId :
TP-1-B

Tgt Ion:165 Resp: 7457

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

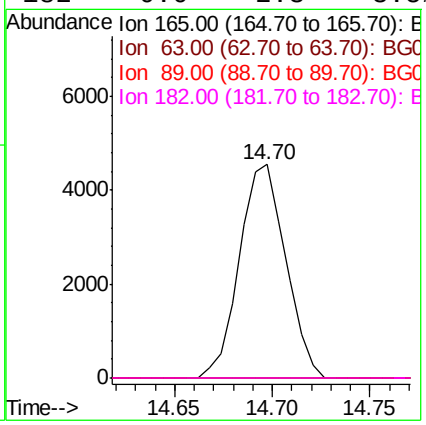


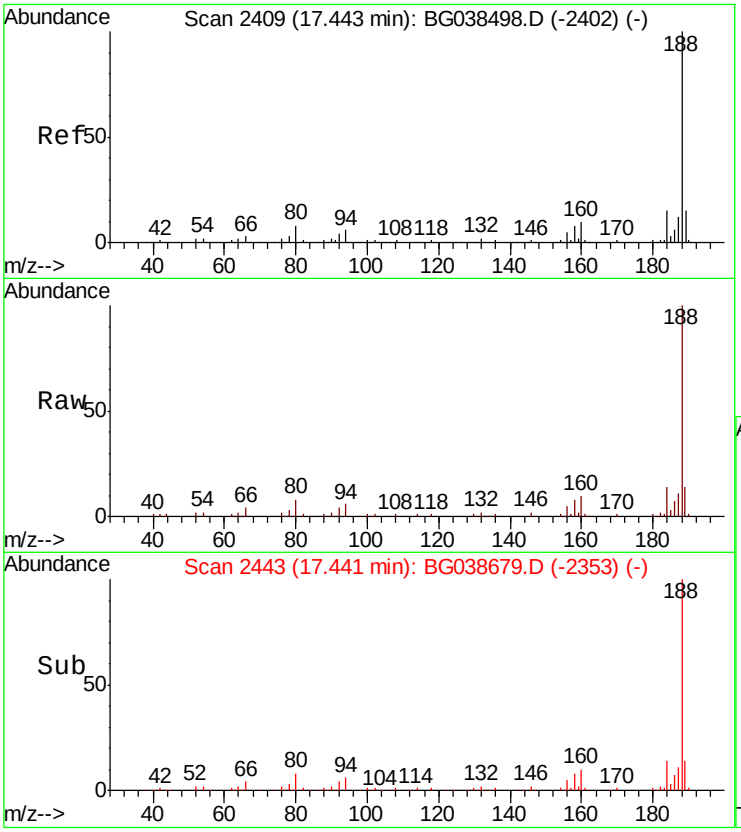


#57
2,4-Dinitrotoluene
Concen: 4.699 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.37 min
Lab File: BG038679.D
Acq: 18 Dec 2018 2:17

Tgt Ion:165 Resp: 7457

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#



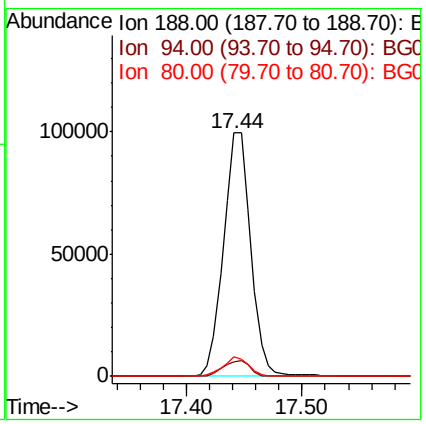


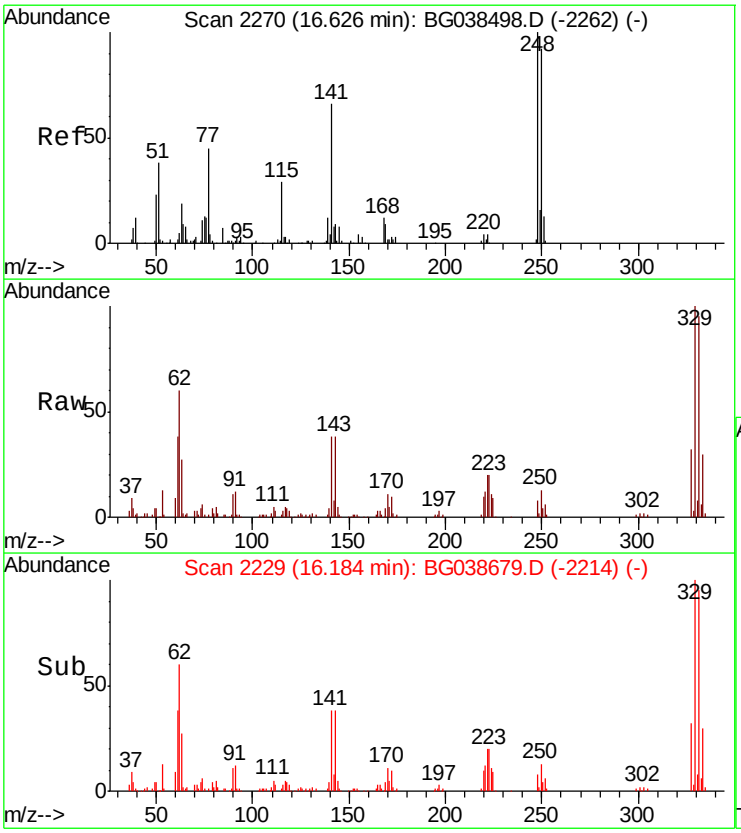
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038679.D
Acq: 18 Dec 2018 2:17

Instrument :
BNA_G
ClientSampleId :
TP-1-B

Tgt Ion:188 Resp: 162418

Ion	Ratio	Lower	Upper
188	100		
94	6.0	5.1	7.7
80	8.0	6.1	9.1

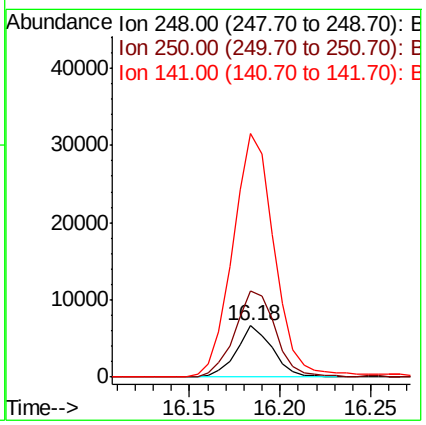


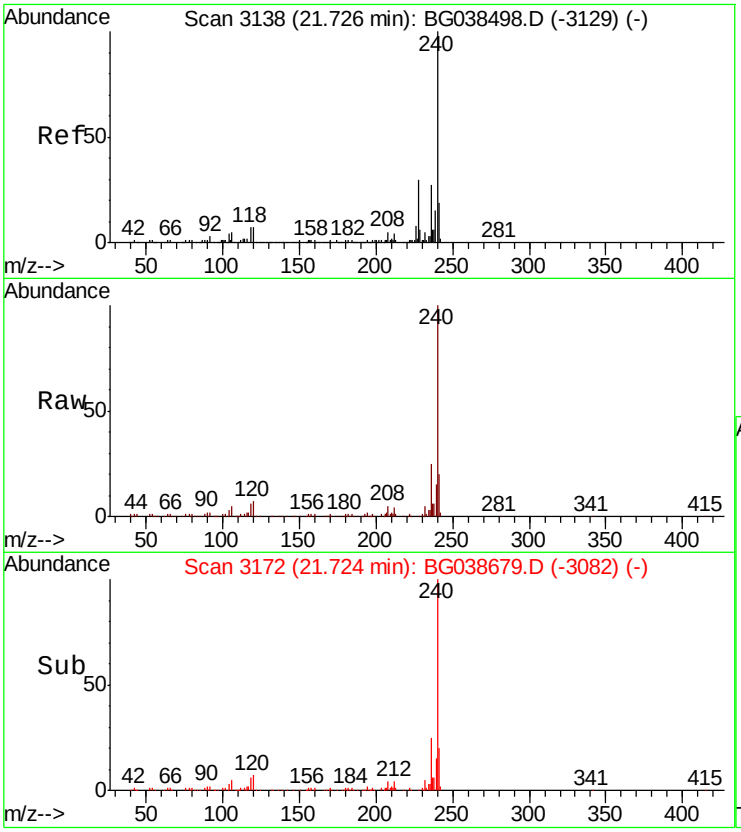


#67
4-Bromophenyl-phenylether
Concen: 4.697 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.44 min
Lab File: BG038679.D
Acq: 18 Dec 2018 2:17

Tgt Ion:248 Resp: 9316

Ion	Ratio	Lower	Upper
248	100		
250	176.6	73.4	110.2#
141	375.1	52.9	79.3#



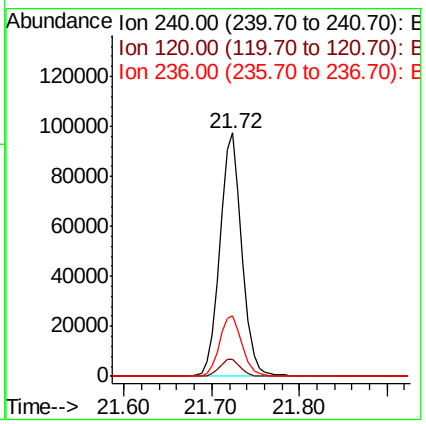


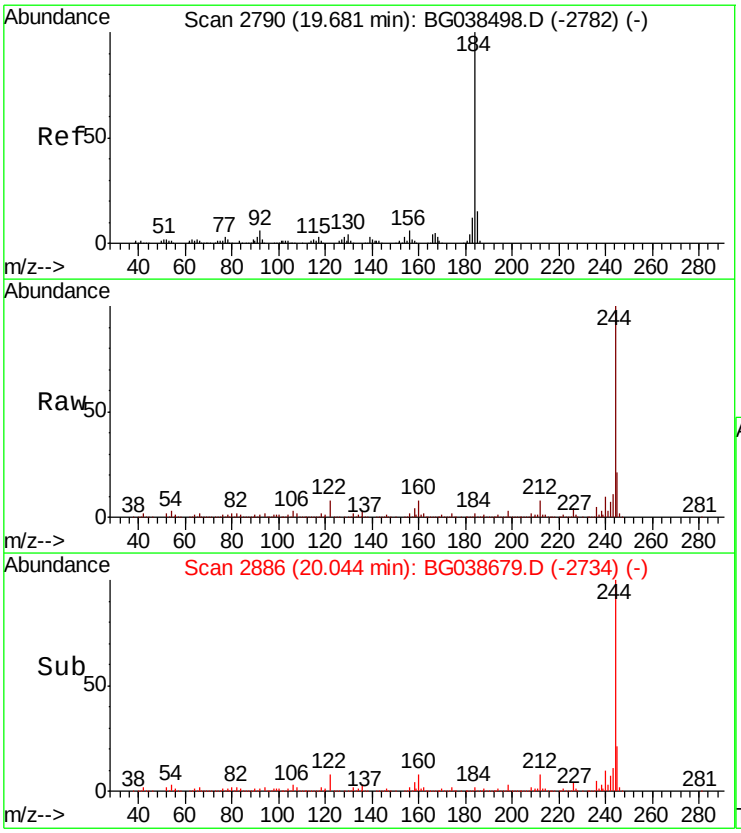
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3172
Delta R.T. -0.00 min
Lab File: BG038679.D
Acq: 18 Dec 2018 2:17

Instrument :
BNA_G
ClientSampleId :
TP-1-B

Tgt Ion:240 Resp: 168158

Ion	Ratio	Lower	Upper
240	100		
120	6.8	5.3	7.9
236	25.1	21.4	32.2

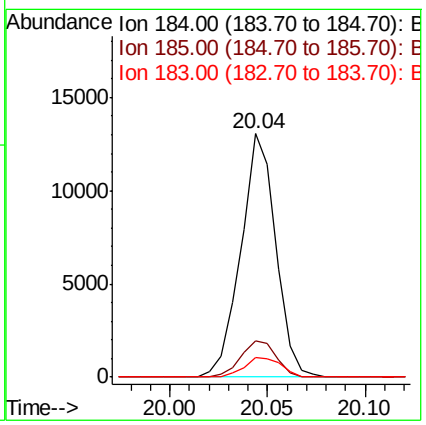


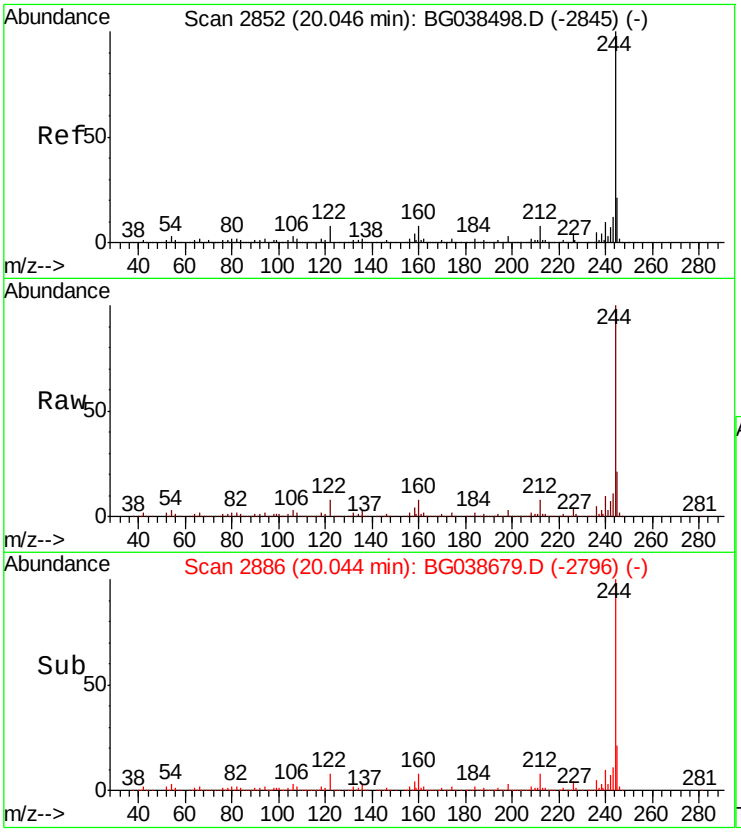


#77
Benzidine
Concen: 3.245 ng
RT: 20.04 min Scan# 2886
Delta R.T. 0.36 min
Lab File: BG038679.D
Acq: 18 Dec 2018 2:17

Tgt Ion:184 Resp: 16139

Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.2	18.2
183	8.1	9.6	14.4#



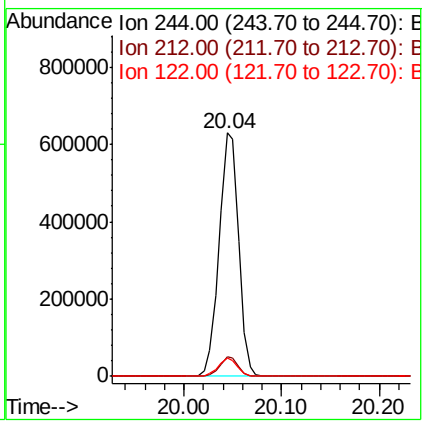


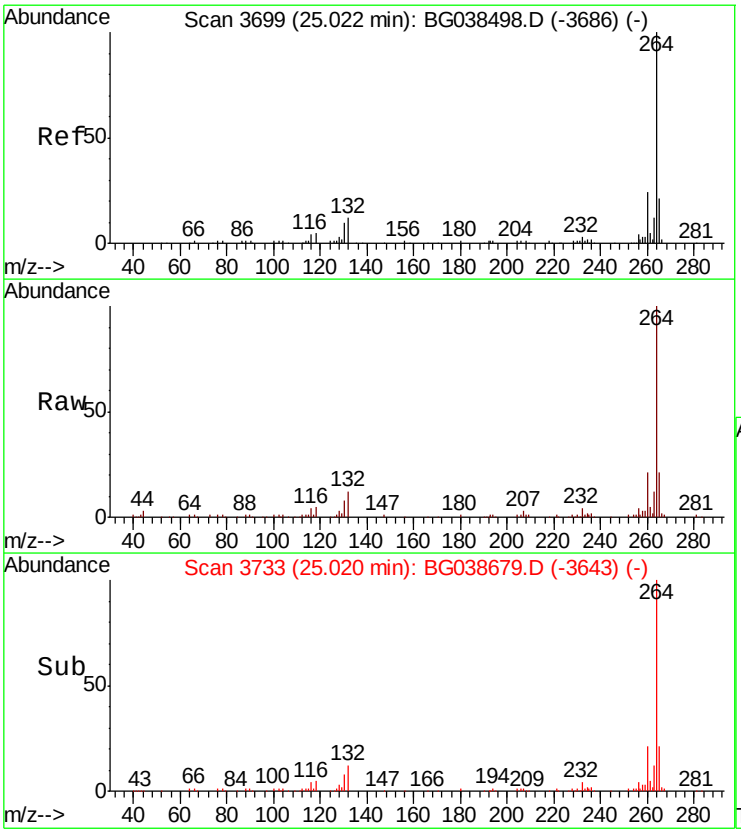
#79
Terphenyl-d14
Concen: 112.282 ng
RT: 20.04 min Scan# 2886
Delta R.T. -0.00 min
Lab File: BG038679.D
Acq: 18 Dec 2018 2:17

Instrument :
BNA_G
ClientSampleId :
TP-1-B

Tgt Ion:244 Resp: 867565

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	7.6	6.3	9.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3733
Delta R.T. -0.00 min
Lab File: BG038679.D
Acq: 18 Dec 2018 2:17

Tgt Ion:264 Resp: 175319

Ion	Ratio	Lower	Upper
264	100		
260	21.4	18.9	28.3
265	21.1	17.0	25.4