Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG122118\

Quantitation Report (Not Reviewed)

Data File : BG038815.D
Acq On : 22 Dec 2018 13:17
Operator : JU/SJ
Sample : J6191-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NB-07-122018-B

Quant Time: Dec 24 03:55:30 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	28043	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	118132	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	78278	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	182654	20.00	ng	0.00
76) Chrysene-d12	21.72	240	180203	20.00	ng	0.00
87) Perylene-d12	25.03	264	187700	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	200083	126.55	ng	0.01
7) Phenol-d6	7.22	99	255420	117.68	ng	0.01
23) Nitrobenzene-d5	9.24	82	199604	86.32	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	154832	143.52	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	549199	96.25	ng	0.00
79) Terphenyl-d14	20.05	244	900181	108.72	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.38	79	3523	2.079	ng	# 50
19) n-Nitroso-di-n-propylamine	9.24	70	27629	18.124	ng	# 64
51) 2,6-Dinitrotoluene	14.70	165	10640	7.345	ng	# 21
57) 2,4-Dinitrotoluene	14.70	165	10640	5.215	ng	# 23
67) 4-Bromophenyl-phenylether	16.19	248	9941	4.456	ng	# 1
77) Benzidine	20.05	184	14256	2.675	ng	# 89

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

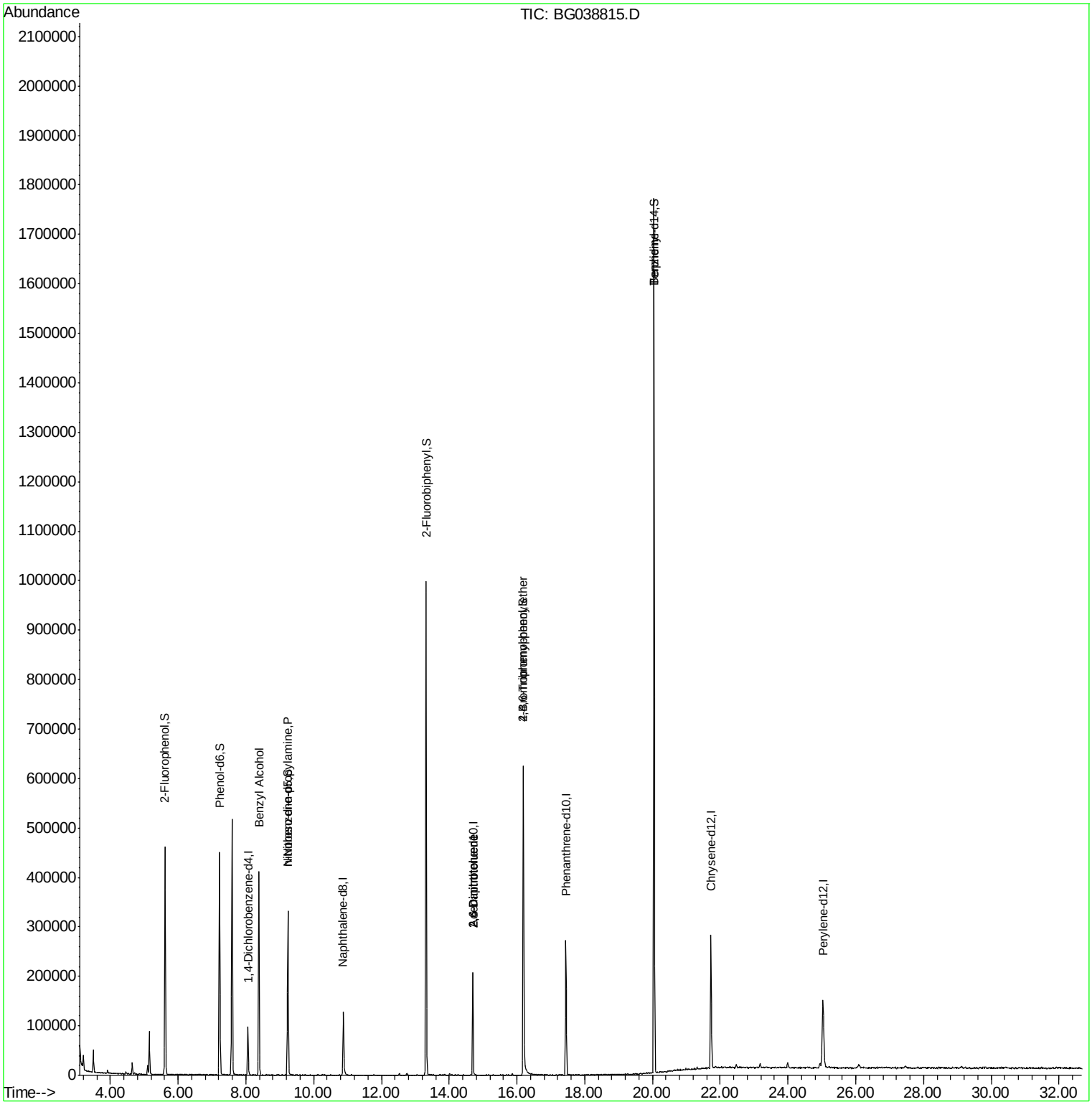
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG122118\

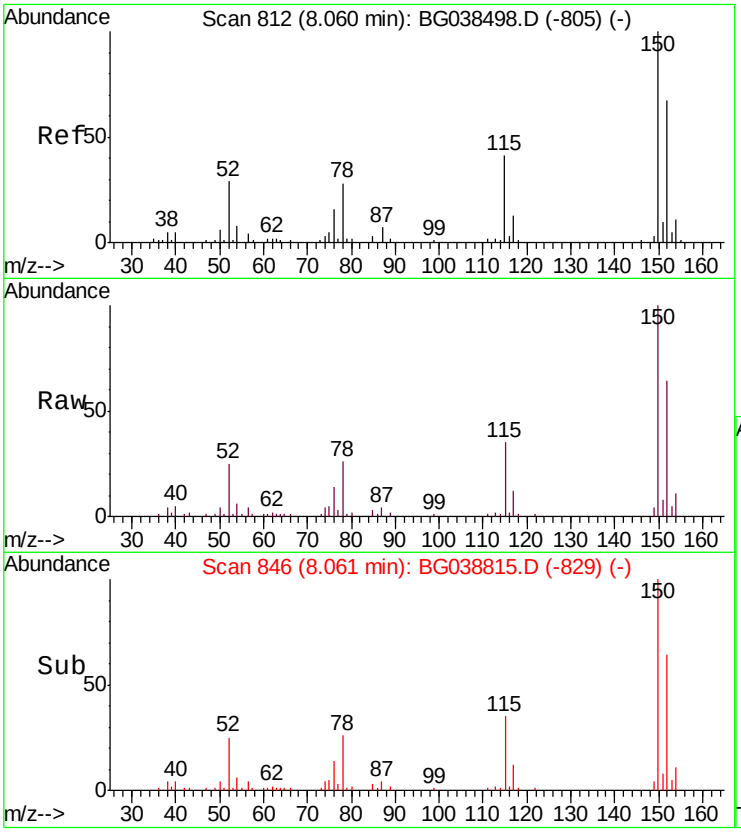
Quantitation Report (Not Reviewed)

Data File : BG038815.D
Acq On : 22 Dec 2018 13:17
Operator : JU/SJ
Sample : J6191-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NB-07-122018-B

Quant Time: Dec 24 03:55:30 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



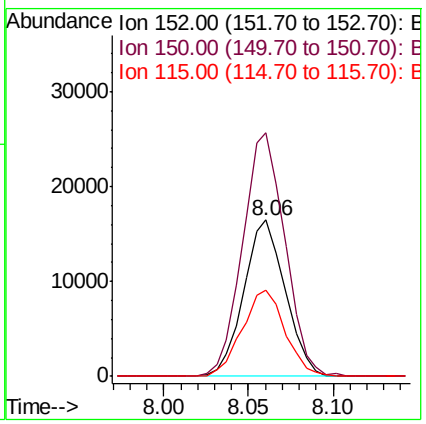


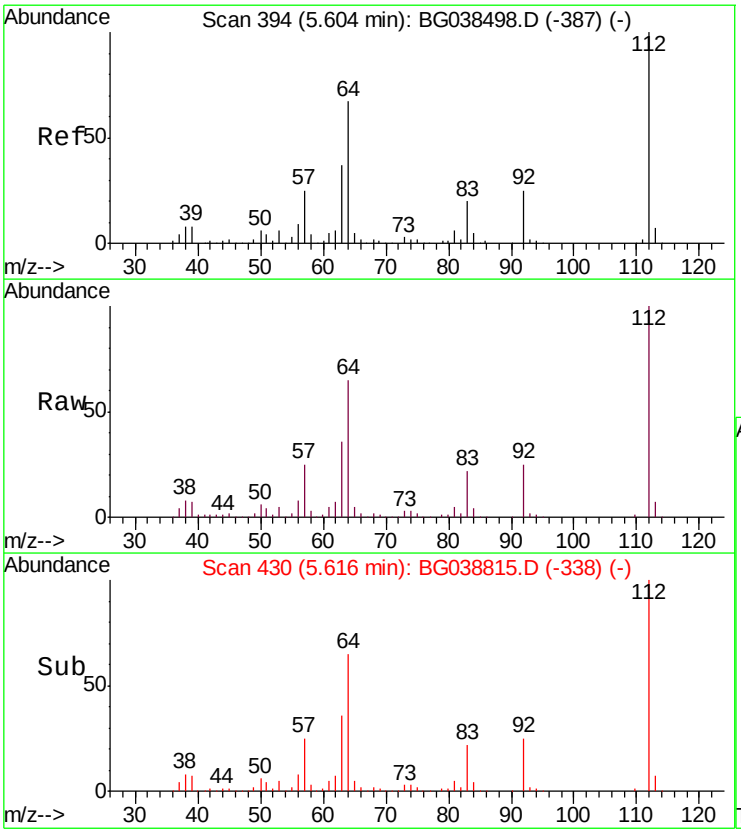
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BG038815.D
Acq: 22 Dec 2018 13:17

Instrument :
BNA_G
ClientSampleId :
NB-07-122018-B

Tgt Ion:152 Resp: 28043

Ion	Ratio	Lower	Upper
152	100		
150	155.8	119.5	179.3
115	54.8	49.6	74.4

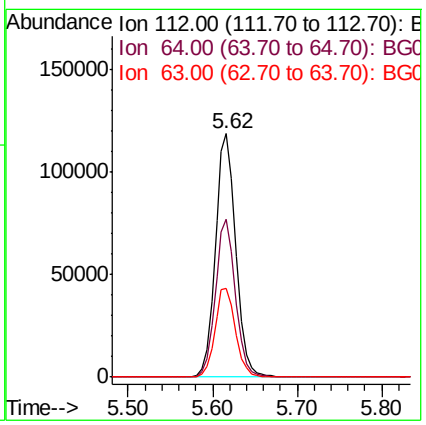


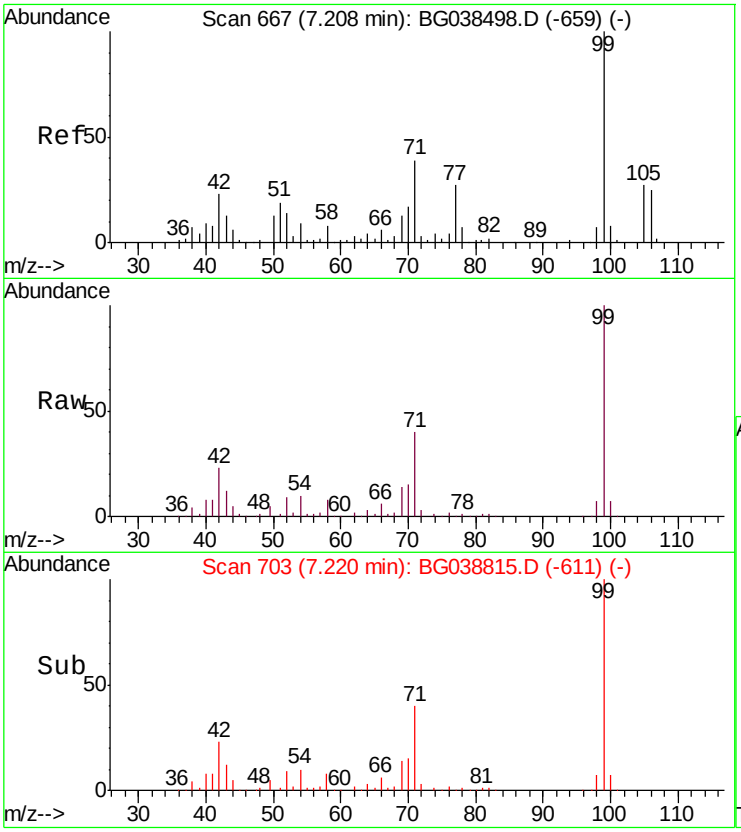


#5
2-Fluorophenol
Concen: 126.548 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG038815.D
Acq: 22 Dec 2018 13:17

Tgt Ion:112 Resp: 200083

Ion	Ratio	Lower	Upper
112	100		
64	64.9	53.4	80.2
63	36.2	29.3	43.9



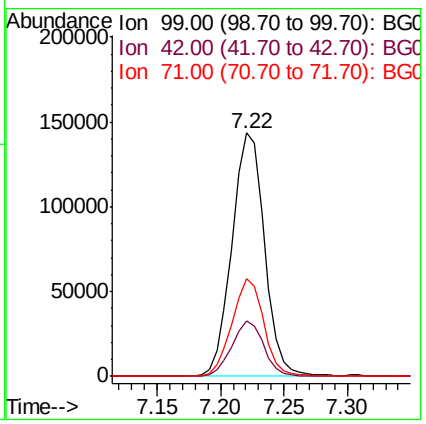


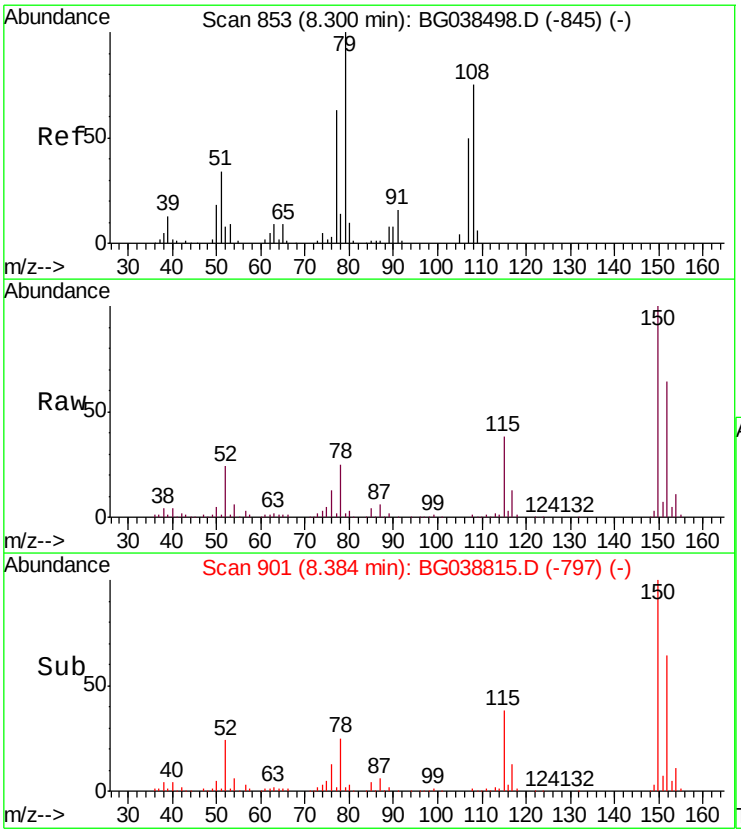
#7
Phenol-d6
Concen: 117.676 ng
RT: 7.22 min Scan# 703
Delta R.T. 0.01 min
Lab File: BG038815.D
Acq: 22 Dec 2018 13:17

Instrument :
BNA_G
ClientSampleId :
NB-07-122018-B

Tgt Ion: 99 Resp: 255420

Ion	Ratio	Lower	Upper
99	100		
42	23.0	18.5	27.7
71	40.2	31.1	46.7

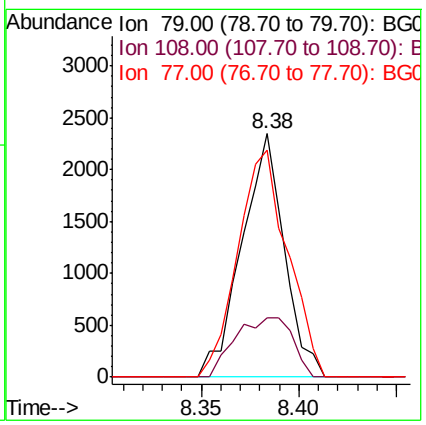


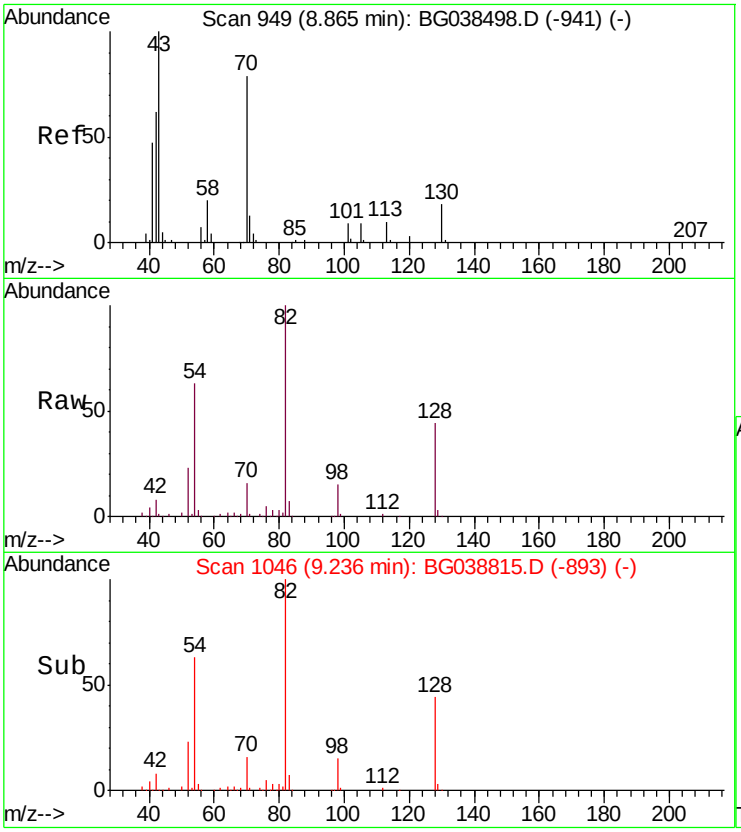


#15
Benzyl Alcohol
Concen: 2.079 ng
RT: 8.38 min Scan# 901
Delta R.T. 0.08 min
Lab File: BG038815.D
Acq: 22 Dec 2018 13:17

Tgt Ion: 79 Resp: 3523

Ion	Ratio	Lower	Upper
79	100		
108	24.3	60.2	90.4#
77	93.3	50.7	76.1#



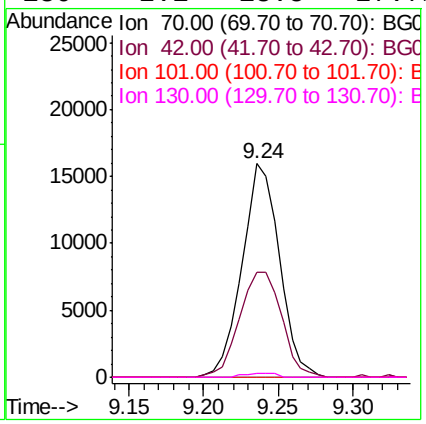


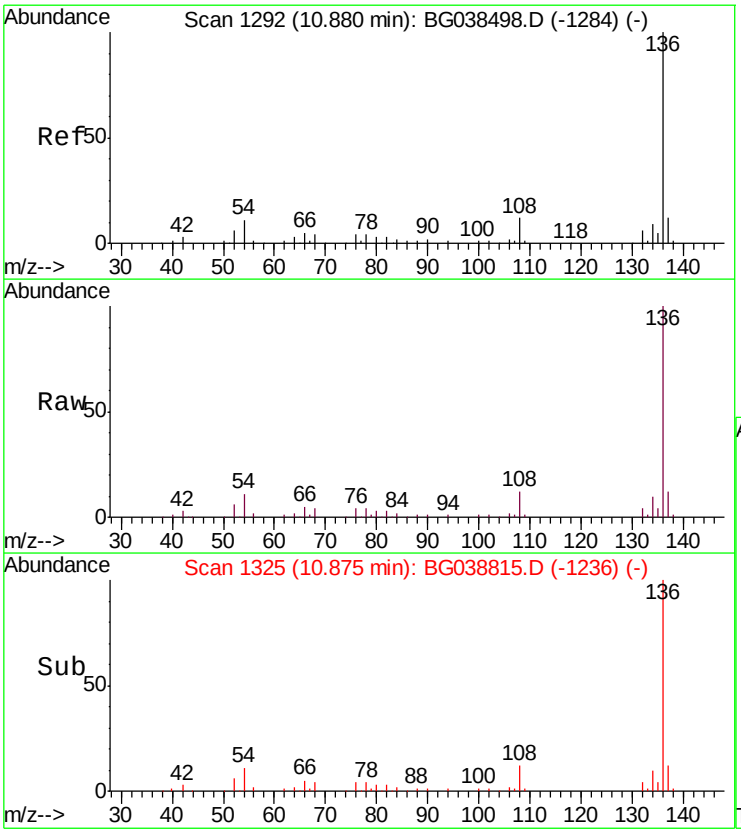
#19
n-Nitroso-di-n-propylamine
Concen: 18.124 ng
RT: 9.24 min Scan# 1046
Delta R.T. 0.37 min
Lab File: BG038815.D
Acq: 22 Dec 2018 13:17

Instrument :
BNA_G
ClientSampleId :
NB-07-122018-B

Tgt Ion: 70 Resp: 27629

Ion	Ratio	Lower	Upper
70	100		
42	49.4	63.6	95.4#
101	0.0	9.2	13.8#
130	2.1	18.5	27.7#

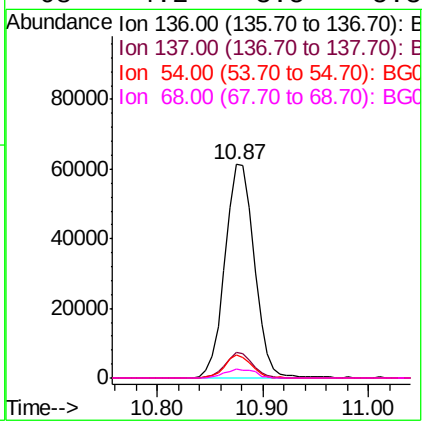


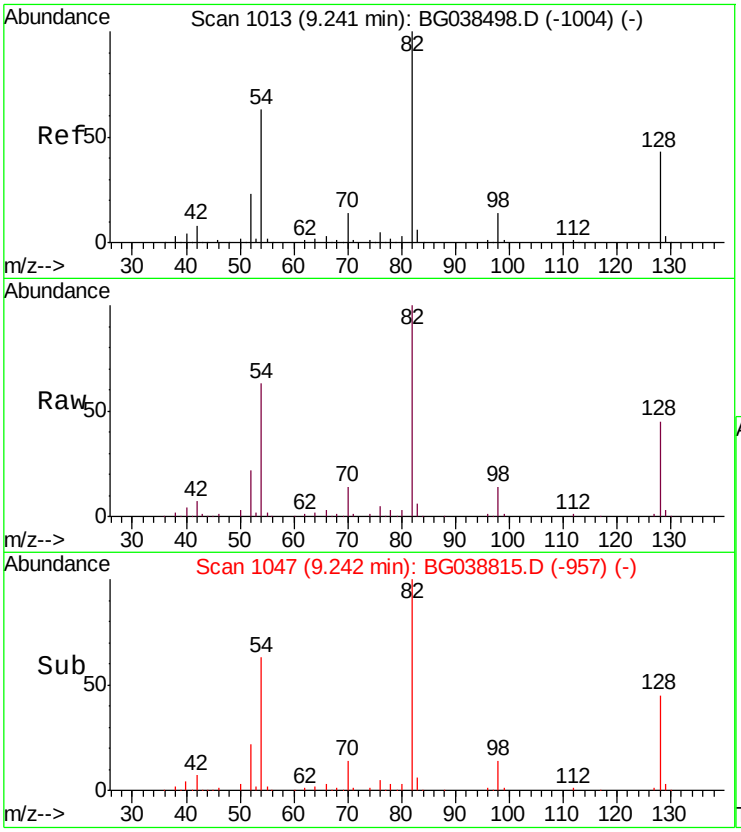


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG038815.D
Acq: 22 Dec 2018 13:17

Tgt Ion:136 Resp: 118132

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.3	13.9
54	10.9	8.5	12.7
68	4.2	3.5	5.3



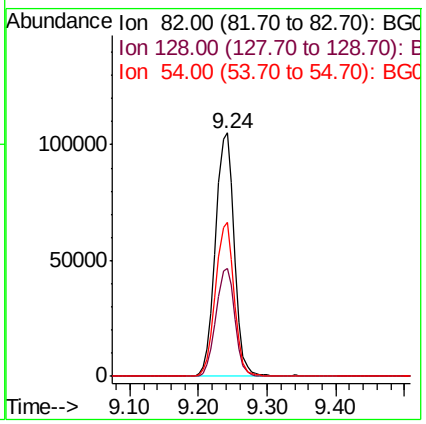


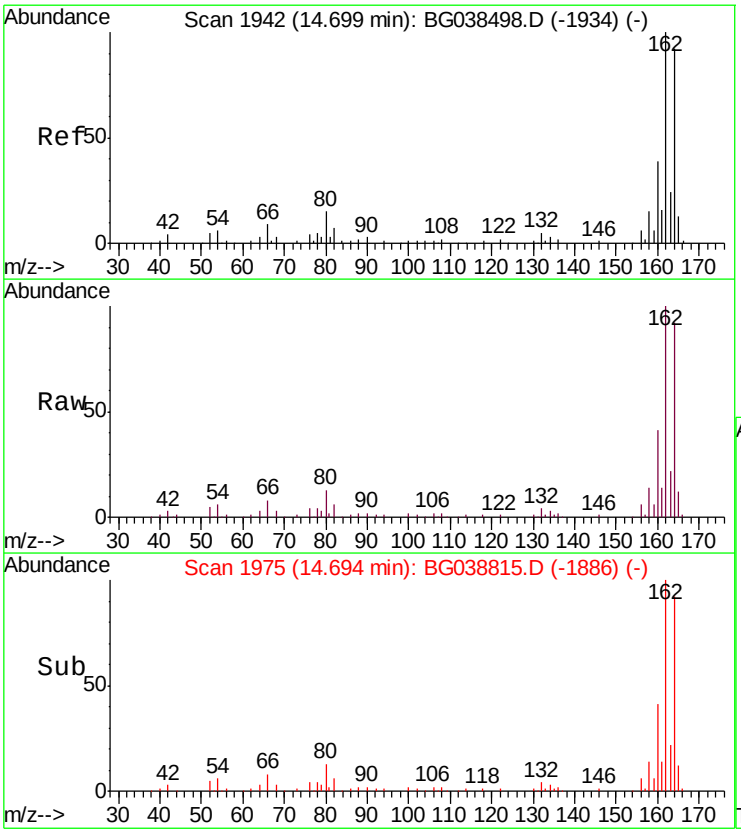
#23
Nitrobenzene-d5
Concen: 86.320 ng
RT: 9.24 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BG038815.D
Acq: 22 Dec 2018 13:17

Instrument :
BNA_G
ClientSampleId :
NB-07-122018-B

Tgt Ion: 82 Resp: 199604

Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.6	52.0
54	63.2	50.6	76.0

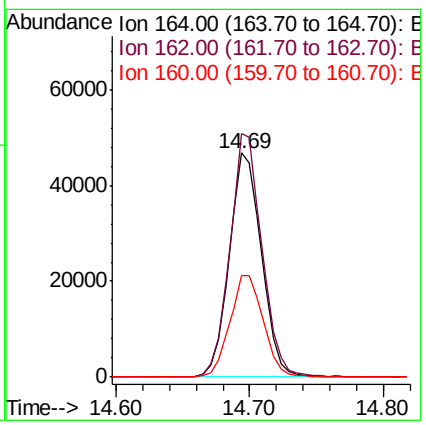


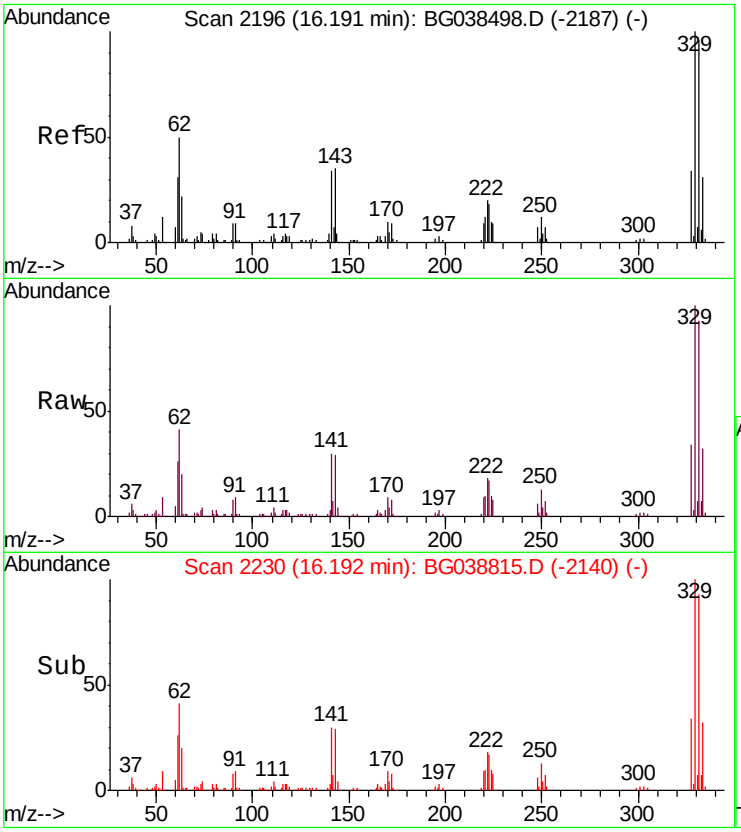


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG038815.D
Acq: 22 Dec 2018 13:17

Tgt Ion:164 Resp: 78278

Ion	Ratio	Lower	Upper
164	100		
162	108.7	86.6	130.0
160	45.1	34.2	51.2



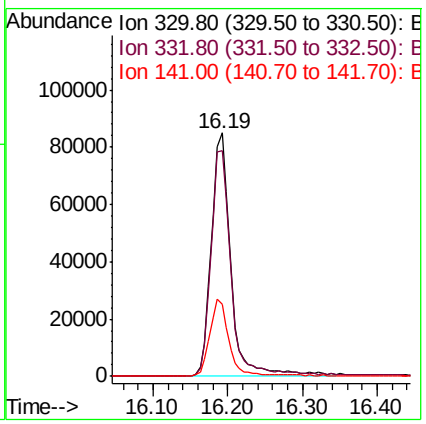


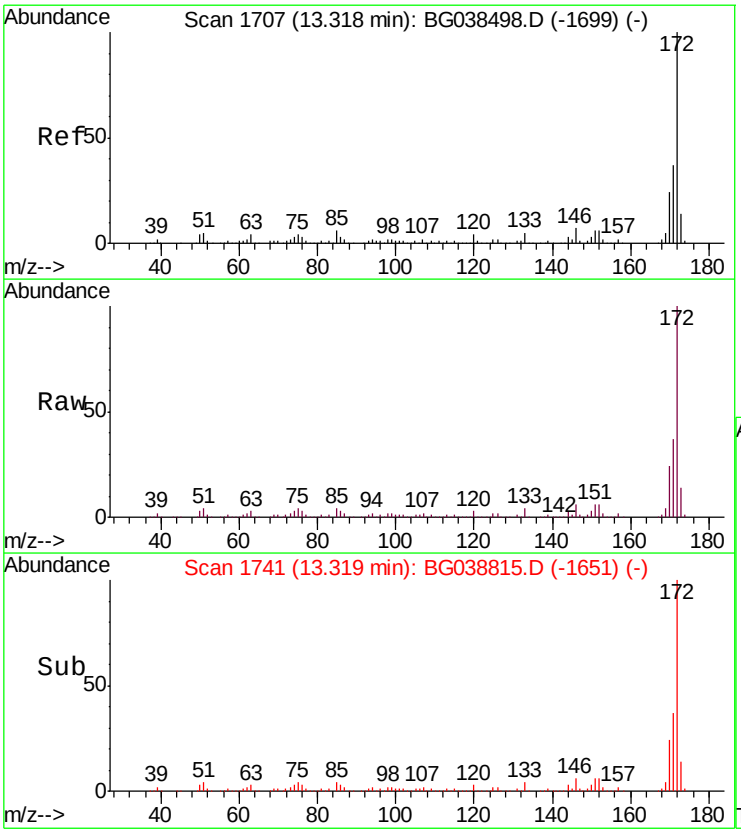
#42
2,4,6-Tribromophenol
Concen: 143.521 ng
RT: 16.19 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BG038815.D
Acq: 22 Dec 2018 13:17

Instrument :
BNA_G
ClientSampleId :
NB-07-122018-B

Tgt Ion:330 Resp: 154832

Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.9	115.3
141	30.8	28.8	43.2

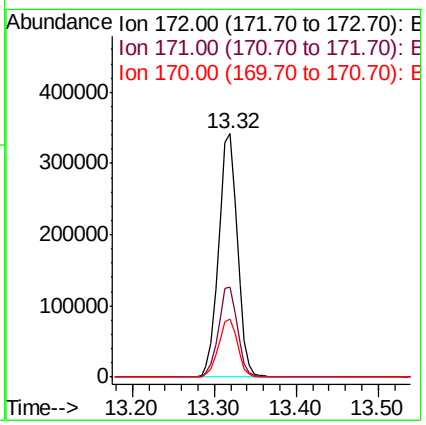


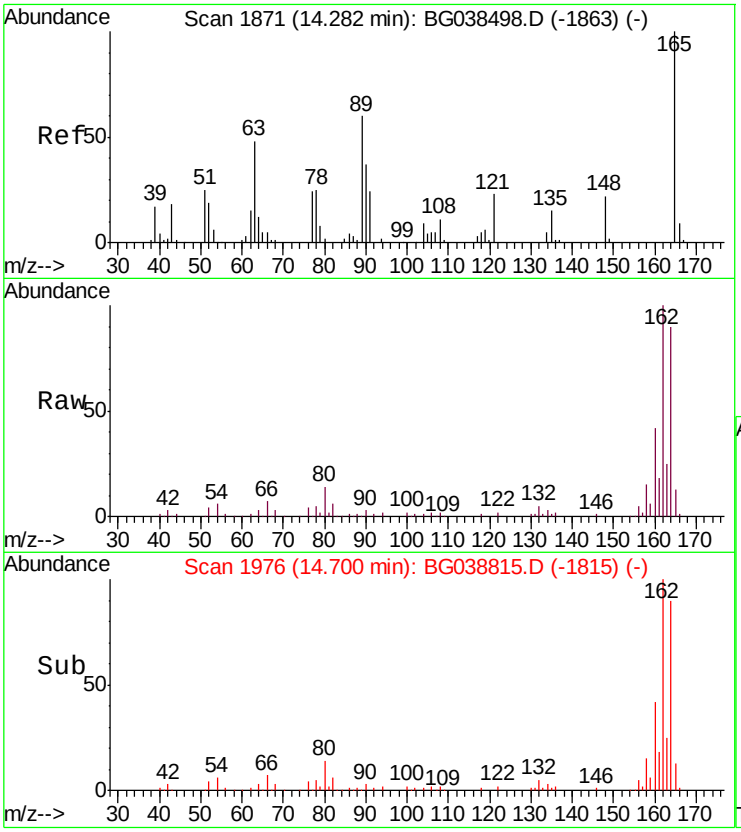


#45
2-Fluorobiphenyl
Concen: 96.249 ng
RT: 13.32 min Scan# 1741
Delta R.T. 0.00 min
Lab File: BG038815.D
Acq: 22 Dec 2018 13:17

Tgt Ion:172 Resp: 549199

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.8	44.6
170	23.7	19.5	29.3



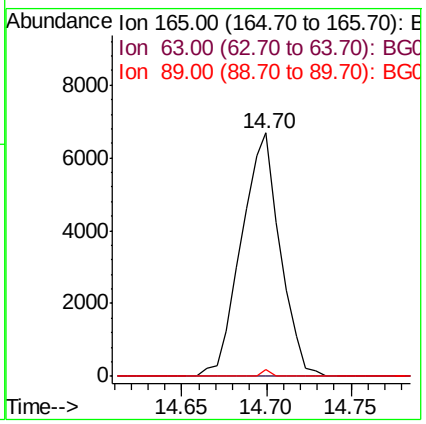


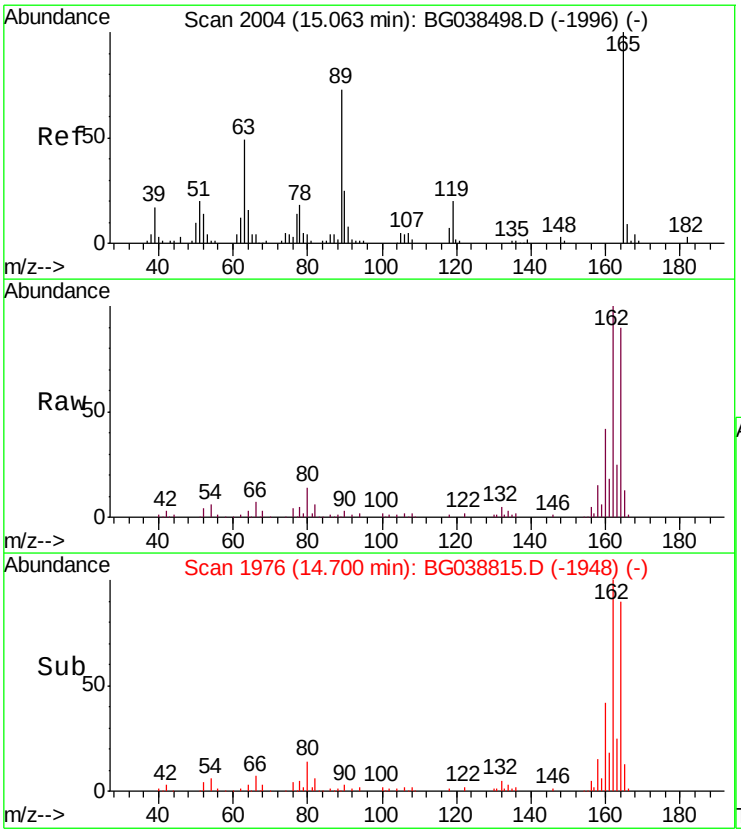
#51
2,6-Dinitrotoluene
Concen: 7.345 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.42 min
Lab File: BG038815.D
Acq: 22 Dec 2018 13:17

Instrument :
BNA_G
ClientSampleId :
NB-07-122018-B

Tgt Ion:165 Resp: 10640

Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.8	77.6#
89	2.6	47.9	71.9#

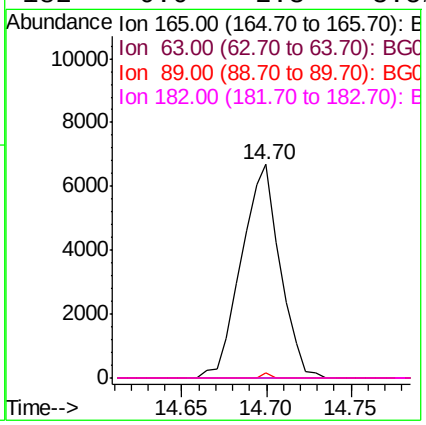


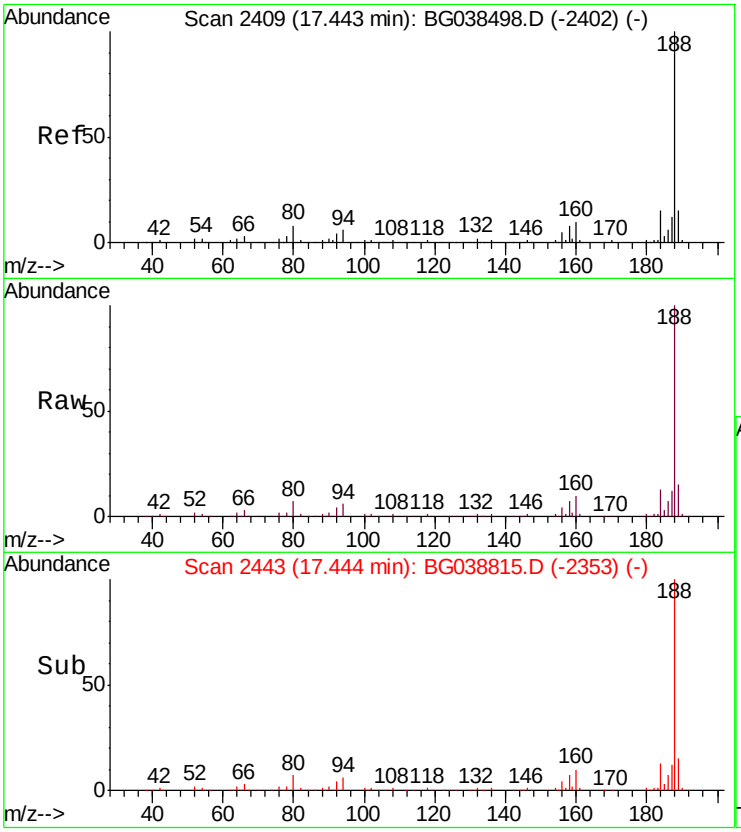


#57
2,4-Dinitrotoluene
Concen: 5.215 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.36 min
Lab File: BG038815.D
Acq: 22 Dec 2018 13:17

Tgt Ion:165 Resp: 10640

Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.0	58.4#
89	2.6	58.0	87.0#
182	0.0	2.3	3.5#



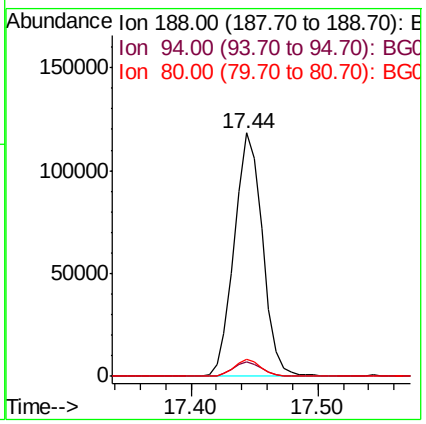


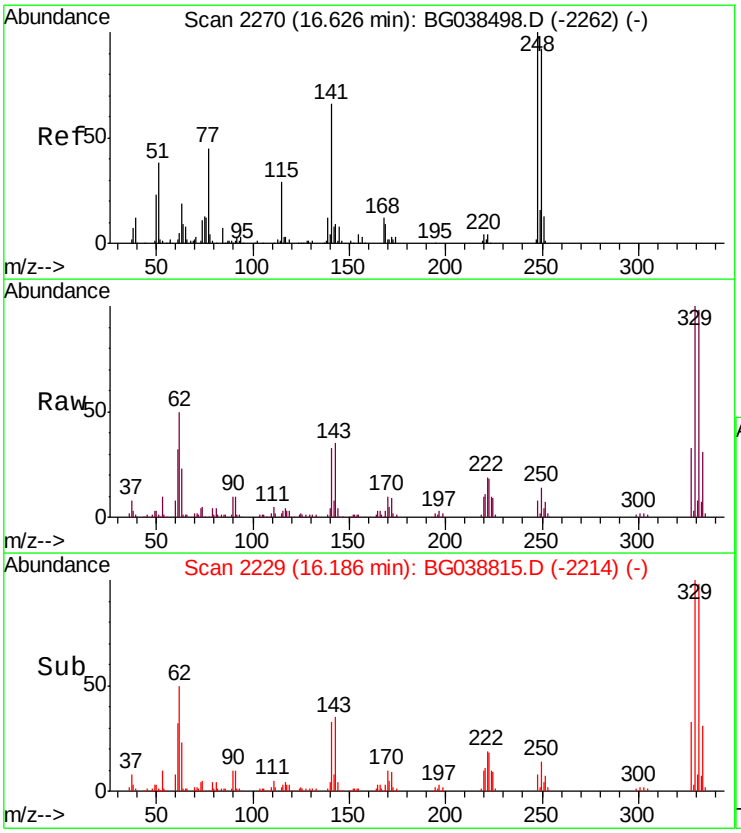
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG038815.D
Acq: 22 Dec 2018 13:17

Instrument :
BNA_G
ClientSampleId :
NB-07-122018-B

Tgt Ion:188 Resp: 182654

Ion	Ratio	Lower	Upper
188	100		
94	5.7	5.1	7.7
80	6.8	6.1	9.1

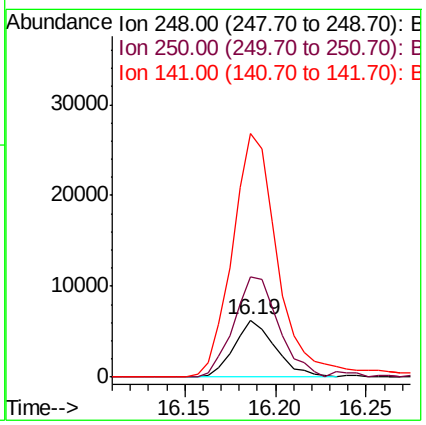


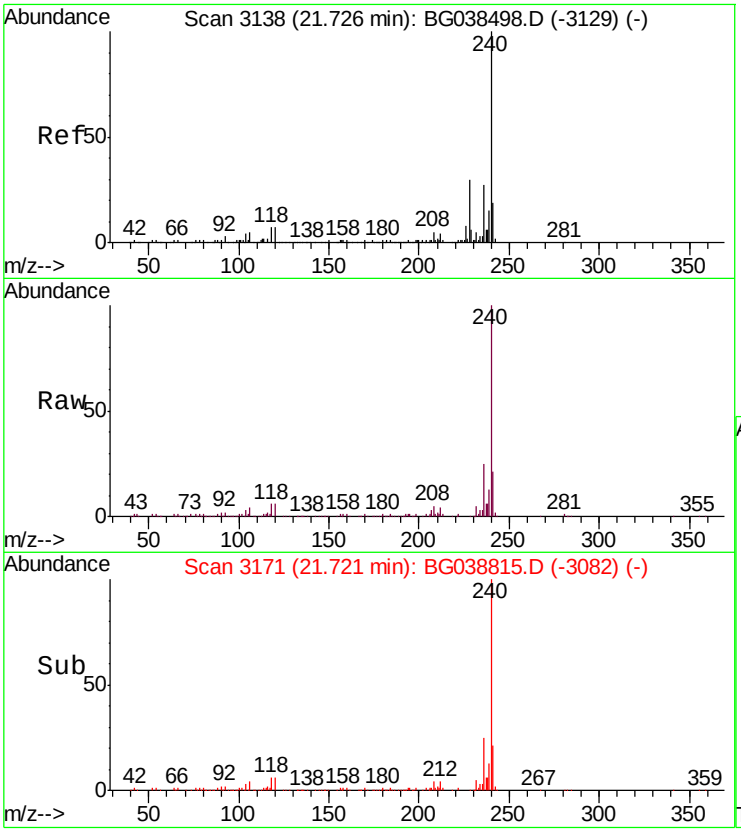


#67
4-Bromophenyl-phenylether
Concen: 4.456 ng
RT: 16.19 min Scan# 2229
Delta R.T. -0.44 min
Lab File: BG038815.D
Acq: 22 Dec 2018 13:17

Tgt Ion:248 Resp: 9941

Ion	Ratio	Lower	Upper
248	100		
250	178.2	73.4	110.2#
141	331.2	52.9	79.3#



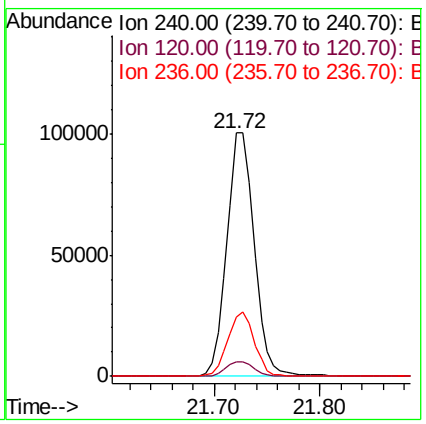


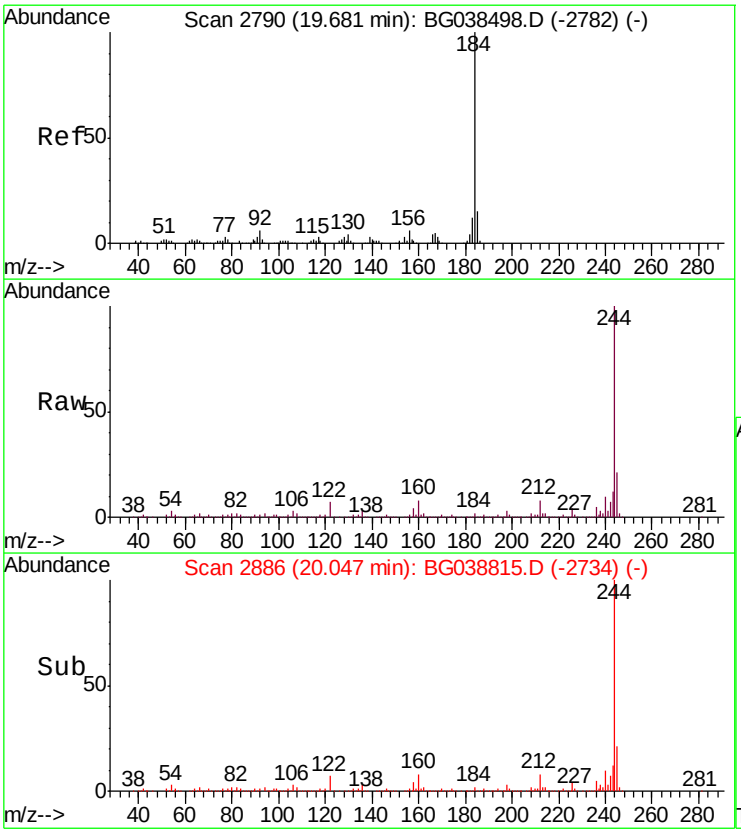
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.00 min
Lab File: BG038815.D
Acq: 22 Dec 2018 13:17

Instrument :
BNA_G
ClientSampleId :
NB-07-122018-B

Tgt Ion:240 Resp: 180203

Ion	Ratio	Lower	Upper
240	100		
120	6.1	5.3	7.9
236	24.6	21.4	32.2

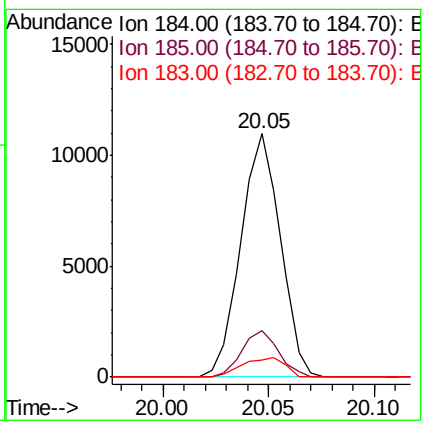


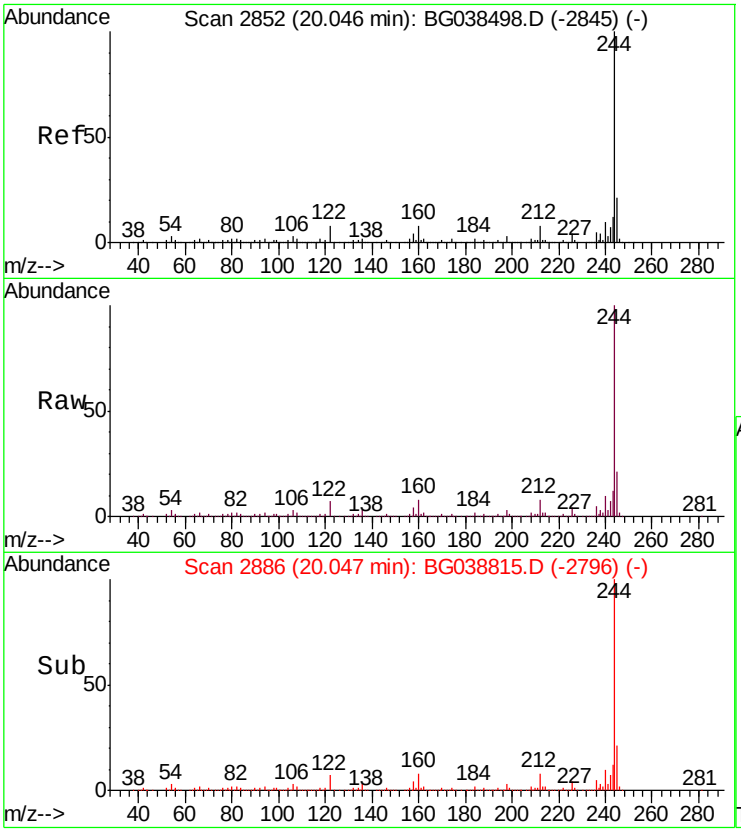


#77
Benzidine
Concen: 2.675 ng
RT: 20.05 min Scan# 2886
Delta R.T. 0.37 min
Lab File: BG038815.D
Acq: 22 Dec 2018 13:17

Tgt Ion:184 Resp: 14256

Ion	Ratio	Lower	Upper
184	100		
185	19.3	12.2	18.2#
183	7.3	9.6	14.4#



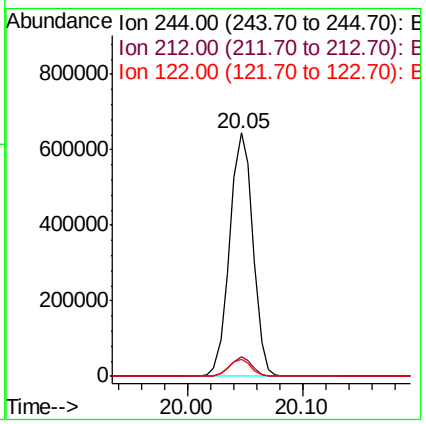


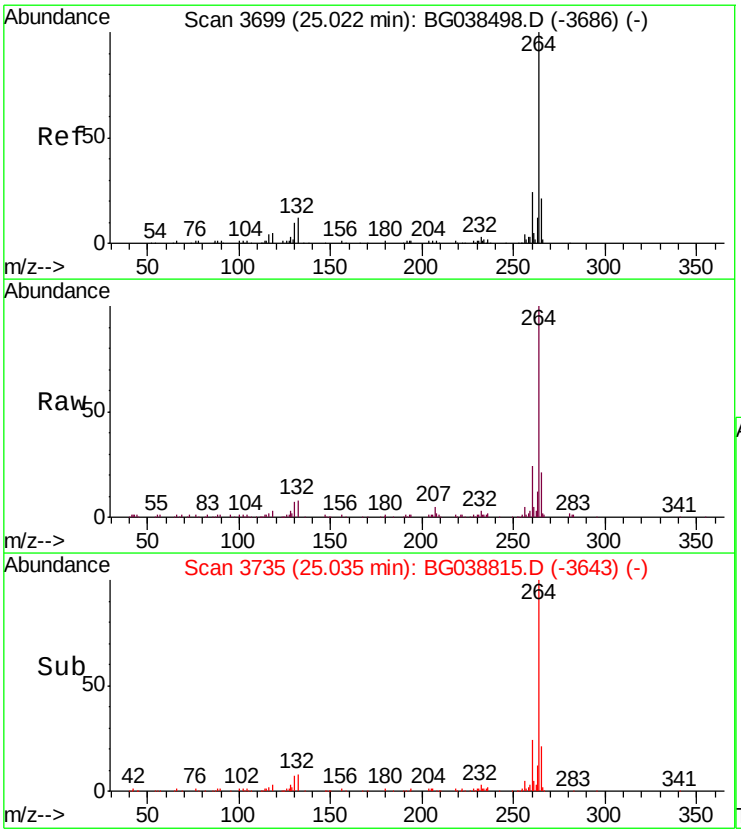
#79
Terphenyl-d14
Concen: 108.716 ng
RT: 20.05 min Scan# 2886
Delta R.T. 0.00 min
Lab File: BG038815.D
Acq: 22 Dec 2018 13:17

Instrument :
BNA_G
ClientSampleId :
NB-07-122018-B

Tgt Ion:244 Resp: 900181

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	7.1	6.3	9.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.03 min Scan# 3735
Delta R.T. 0.01 min
Lab File: BG038815.D
Acq: 22 Dec 2018 13:17

Tgt Ion:264 Resp: 187700

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.9	28.3
265	20.8	17.0	25.4