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

Quantitation Report (Not Reviewed)

Data File : BG038817.D
Acq On : 22 Dec 2018 14:36
Operator : JU/SJ
Sample : J6192-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HD-01-122018

Quant Time: Dec 24 03:56:02 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	27880	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	115139	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	79375	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	182537	20.00	ng	0.00
76) Chrysene-d12	21.73	240	171233	20.00	ng	0.00
87) Perylene-d12	25.03	264	178721	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	199914	127.18	ng	0.01
7) Phenol-d6	7.22	99	255026	118.18	ng	0.01
23) Nitrobenzene-d5	9.24	82	201443	89.38	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	138386	126.50	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	552304	95.46	ng	0.00
79) Terphenyl-d14	20.04	244	862201	109.58	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.38	79	3624	2.152	ng	# 45
19) n-Nitroso-di-n-propylamine	9.24	70	27281	18.000	ng	# 68
51) 2,6-Dinitrotoluene	14.69	165	10573	7.198	ng	# 19
57) 2,4-Dinitrotoluene	14.69	165	10573	5.110	ng	# 21
67) 4-Bromophenyl-phenylether	16.19	248	8848	3.969	ng	# 1
77) Benzidine	20.04	184	14735	2.910	ng	# 94

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

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

Quantitation Report (Not Reviewed)

Data File : BG038817.D
Acq On : 22 Dec 2018 14:36
Operator : JU/SJ
Sample : J6192-04
Misc :
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Instrument : BNA_G
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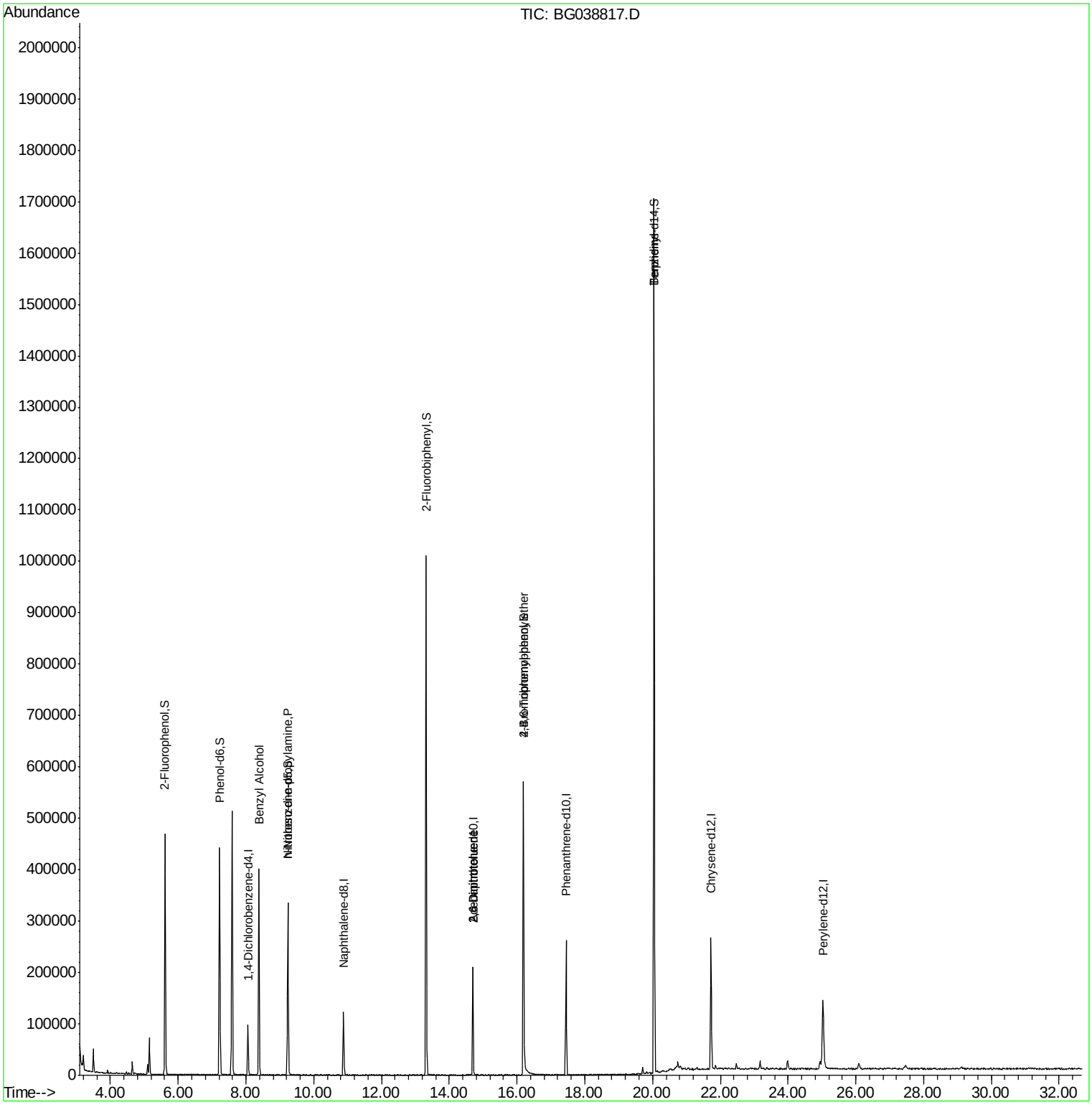
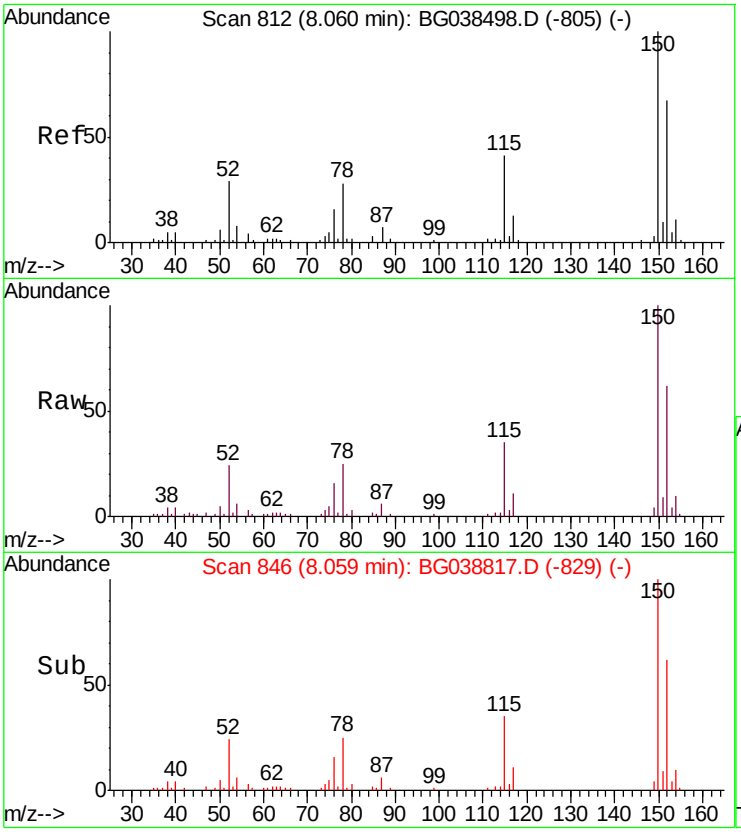
Quant Time: Dec 24 03:56:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration



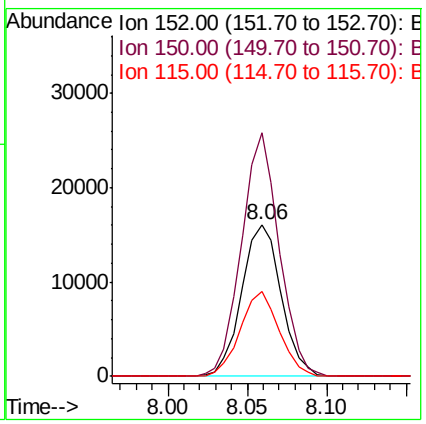


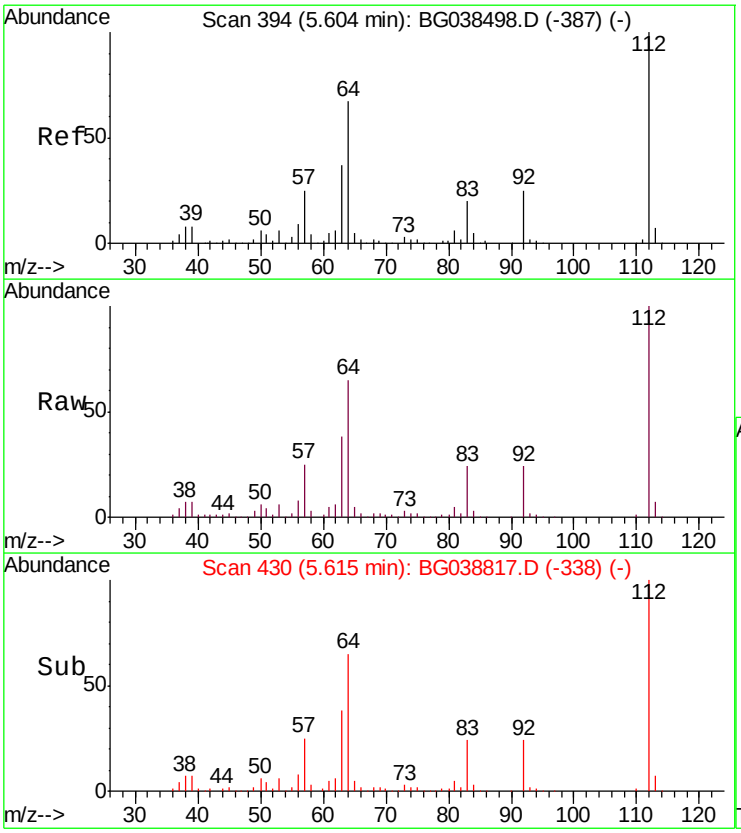
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038817.D
Acq: 22 Dec 2018 14:36

Instrument :
BNA_G
ClientSampleId :
HD-01-122018

Tgt Ion:152 Resp: 27880

Ion	Ratio	Lower	Upper
152	100		
150	160.2	119.5	179.3
115	55.8	49.6	74.4

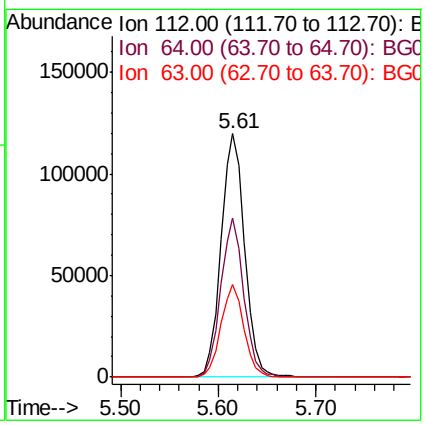


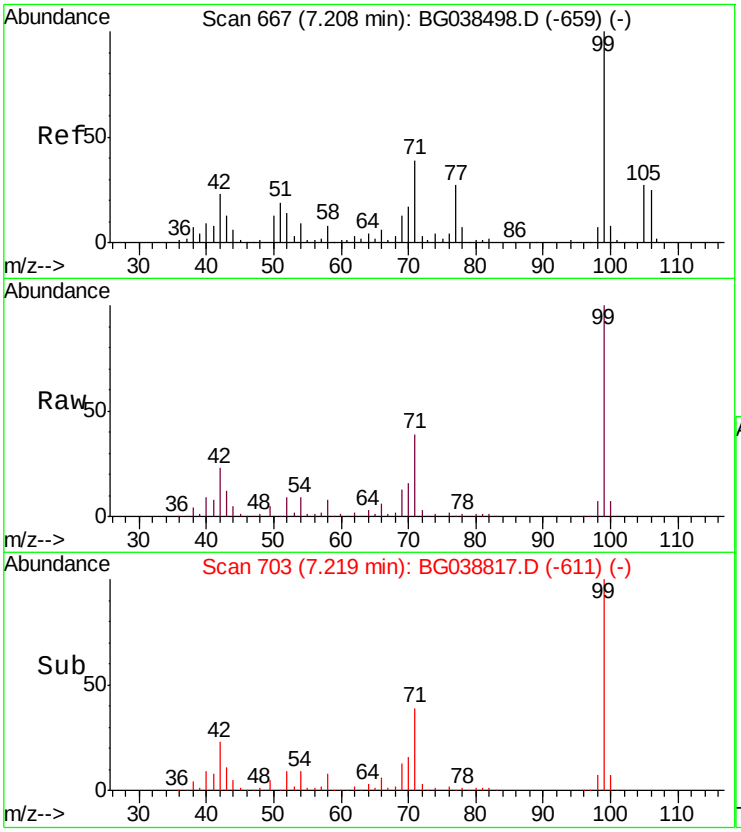


#5
2-Fluorophenol
Concen: 127.180 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG038817.D
Acq: 22 Dec 2018 14:36

Tgt Ion:112 Resp: 199914

Ion	Ratio	Lower	Upper
112	100		
64	65.4	53.4	80.2
63	37.8	29.3	43.9



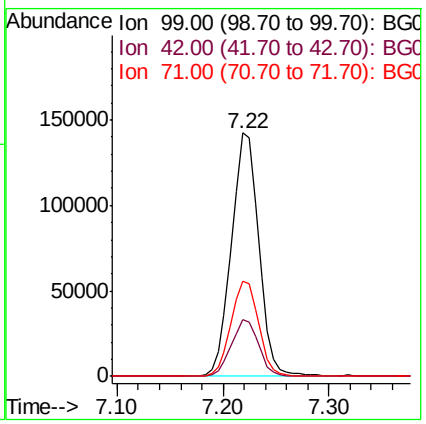


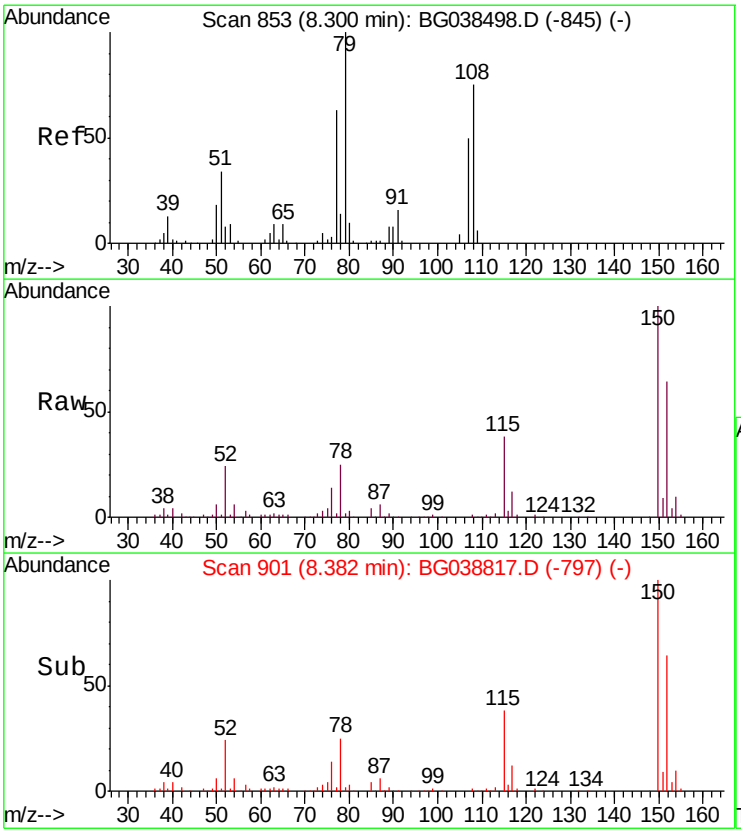
#7
Phenol-d6
Concen: 118.182 ng
RT: 7.22 min Scan# 703
Delta R.T. 0.01 min
Lab File: BG038817.D
Acq: 22 Dec 2018 14:36

Instrument :
BNA_G
ClientSampleId :
HD-01-122018

Tgt Ion: 99 Resp: 255026

Ion	Ratio	Lower	Upper
99	100		
42	23.2	18.5	27.7
71	38.9	31.1	46.7

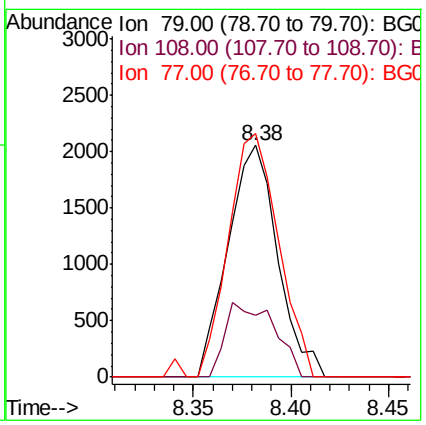


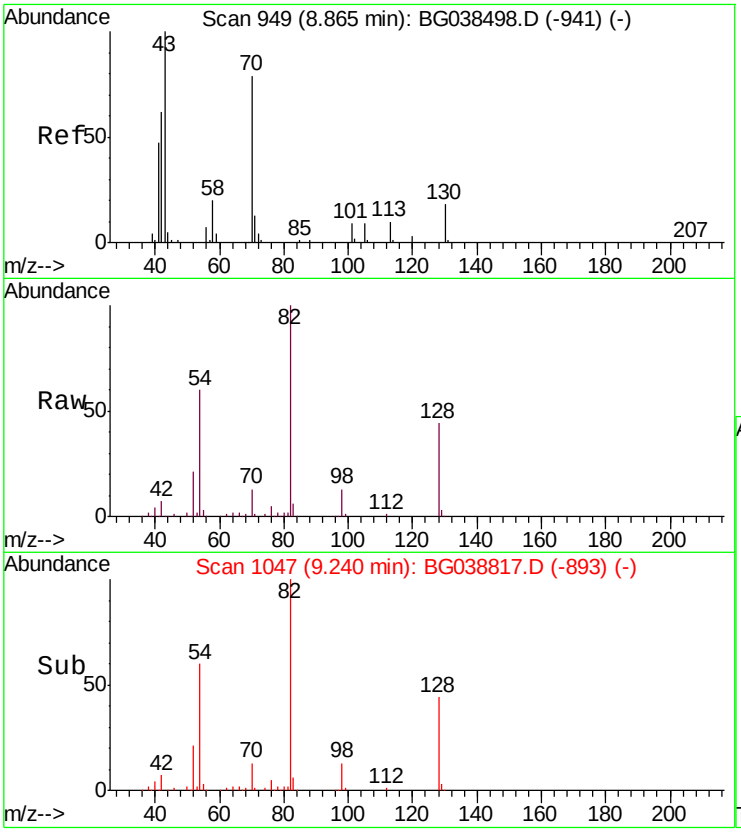


#15
Benzyl Alcohol
Concen: 2.152 ng
RT: 8.38 min Scan# 901
Delta R.T. 0.08 min
Lab File: BG038817.D
Acq: 22 Dec 2018 14:36

Tgt Ion: 79 Resp: 3624

Ion	Ratio	Lower	Upper
79	100		
108	26.6	60.2	90.4#
77	105.0	50.7	76.1#



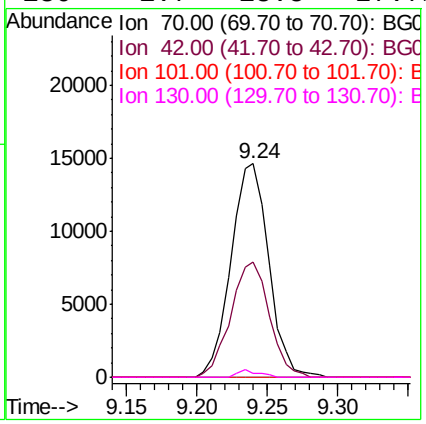


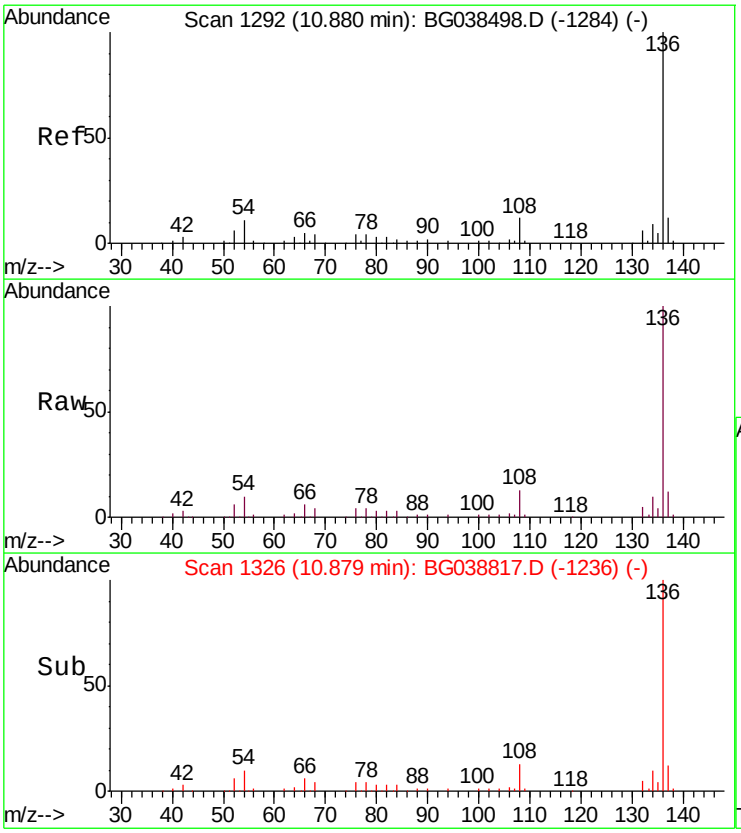
#19
n-Nitroso-di-n-propylamine
Concen: 18.000 ng
RT: 9.24 min Scan# 1047
Delta R.T. 0.38 min
Lab File: BG038817.D
Acq: 22 Dec 2018 14:36

Instrument :
BNA_G
ClientSampleId :
HD-01-122018

Tgt Ion: 70 Resp: 27281

Ion	Ratio	Lower	Upper
70	100		
42	53.9	63.6	95.4#
101	0.0	9.2	13.8#
130	1.7	18.5	27.7#

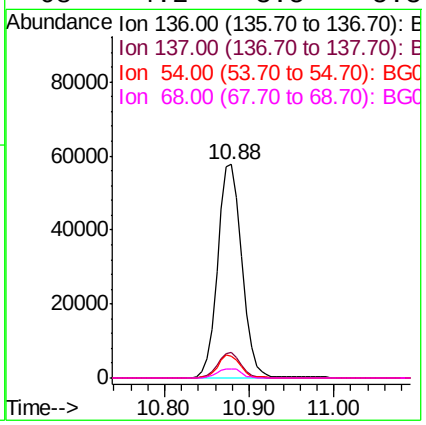


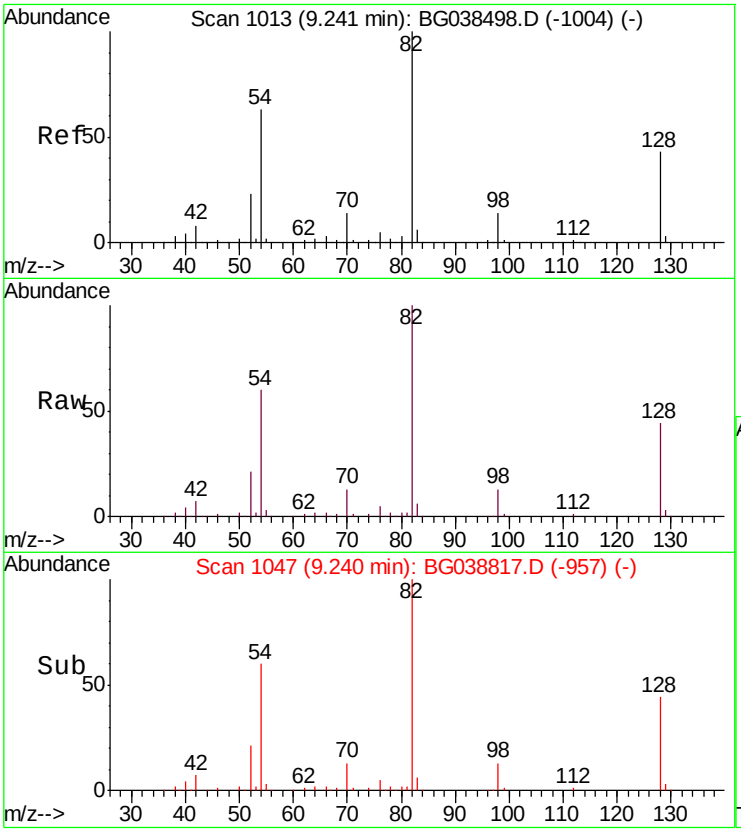


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038817.D
Acq: 22 Dec 2018 14:36

Tgt Ion:136 Resp: 115139

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.3	13.9
54	10.5	8.5	12.7
68	4.2	3.5	5.3



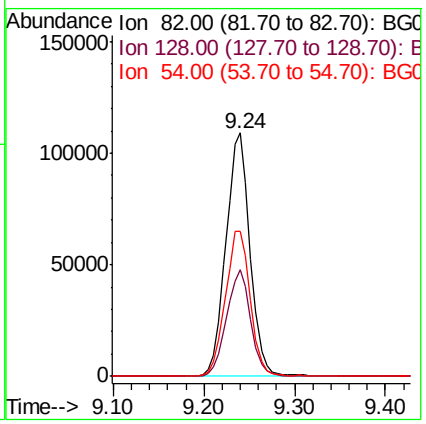


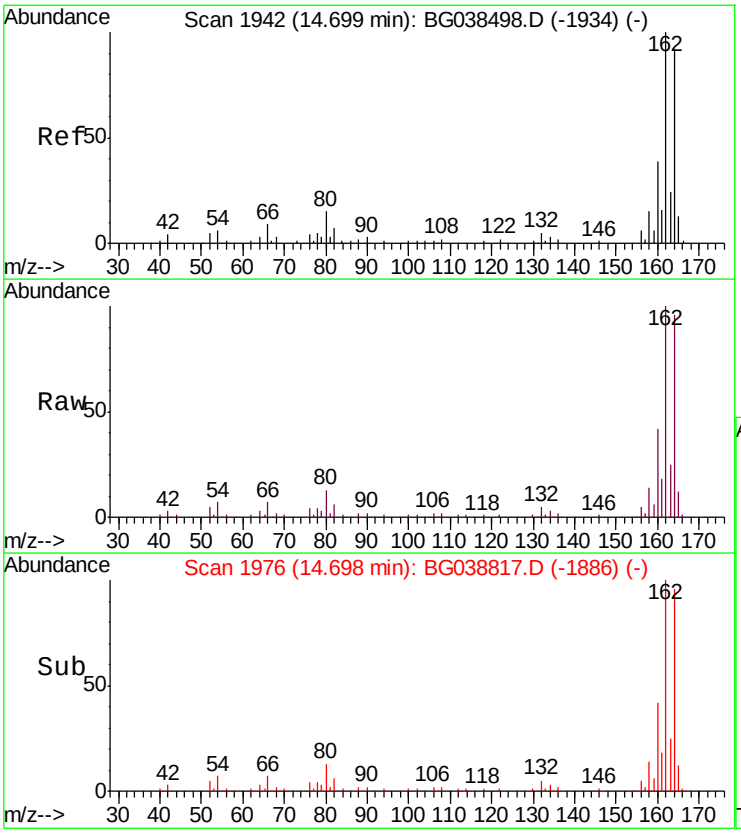
#23
Nitrobenzene-d5
Concen: 89.380 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG038817.D
Acq: 22 Dec 2018 14:36

Instrument :
BNA_G
ClientSampleId :
HD-01-122018

Tgt Ion: 82 Resp: 201443

Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.6	52.0
54	59.8	50.6	76.0

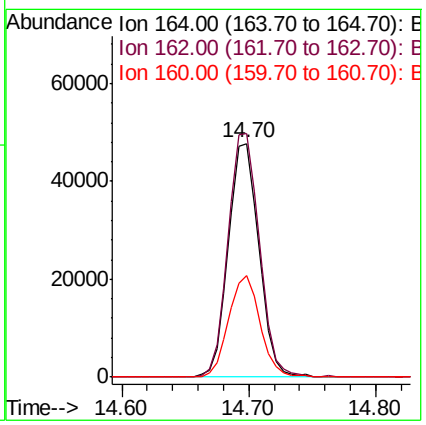


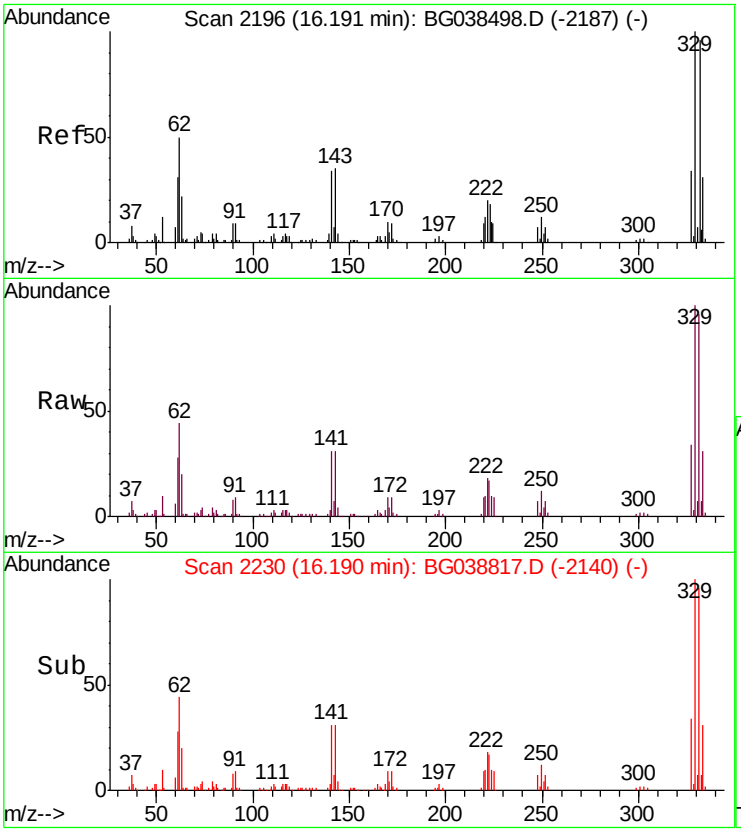


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG038817.D
Acq: 22 Dec 2018 14:36

Tgt Ion:164 Resp: 79375

Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.6	130.0
160	43.5	34.2	51.2



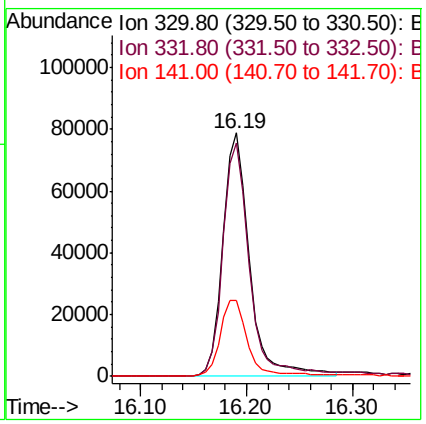


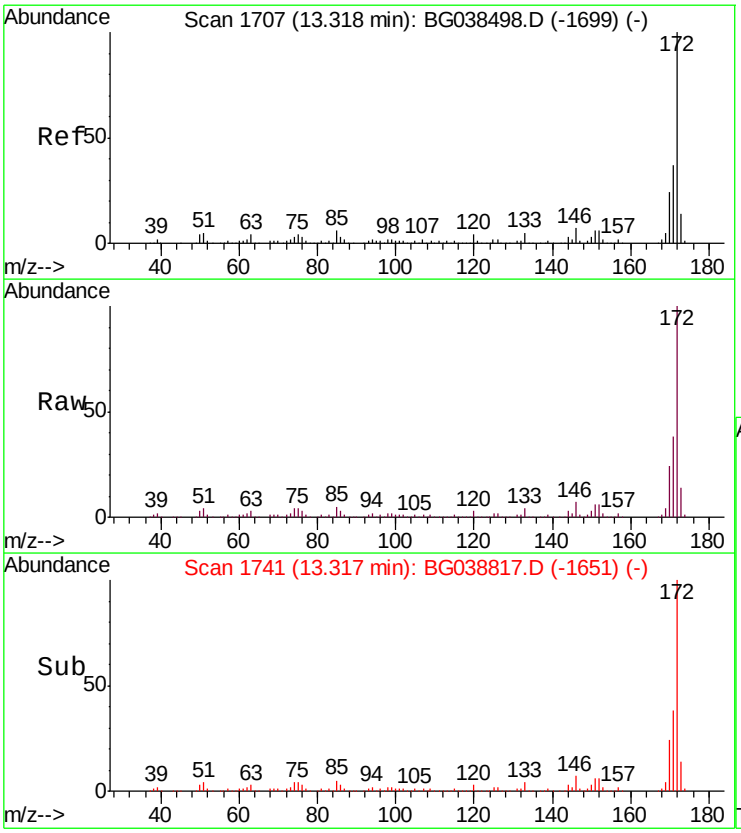
#42
2,4,6-Tribromophenol
Concen: 126.503 ng
RT: 16.19 min Scan# 2230
Delta R.T. -0.00 min
Lab File: BG038817.D
Acq: 22 Dec 2018 14:36

Instrument :
BNA_G
ClientSampleId :
HD-01-122018

Tgt Ion:330 Resp: 138386

Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.9	115.3
141	32.4	28.8	43.2

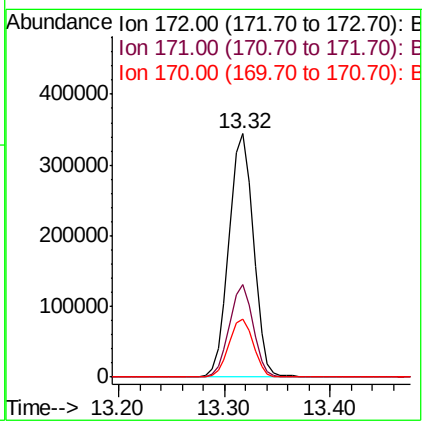


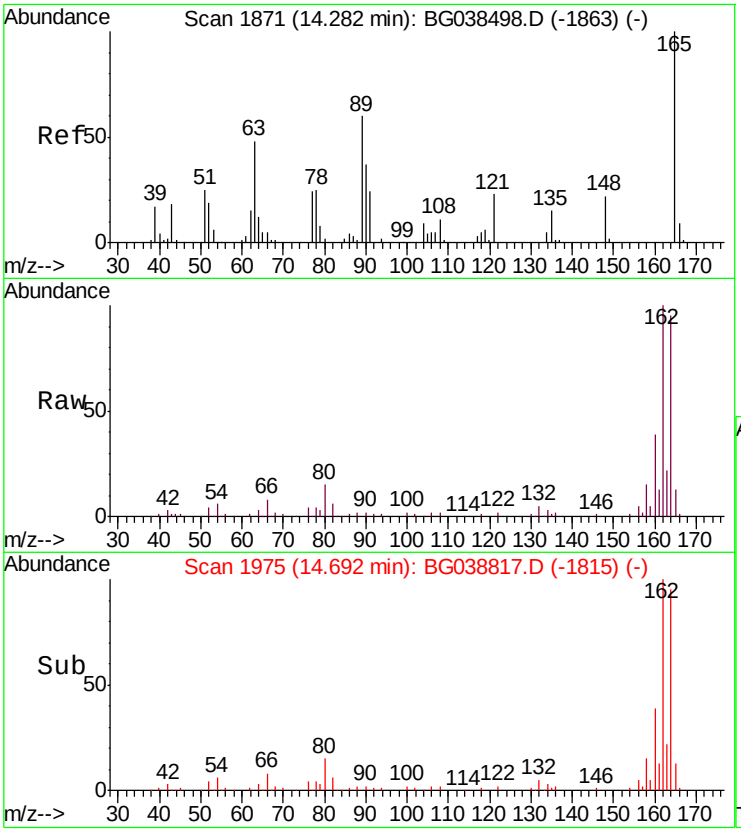


#45
2-Fluorobiphenyl
Concen: 95.455 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG038817.D
Acq: 22 Dec 2018 14:36

Tgt Ion:172 Resp: 552304

Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.8	44.6
170	23.9	19.5	29.3



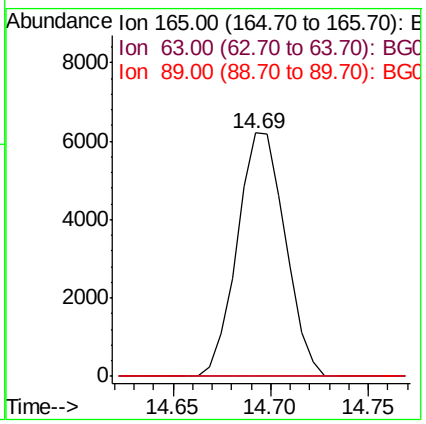


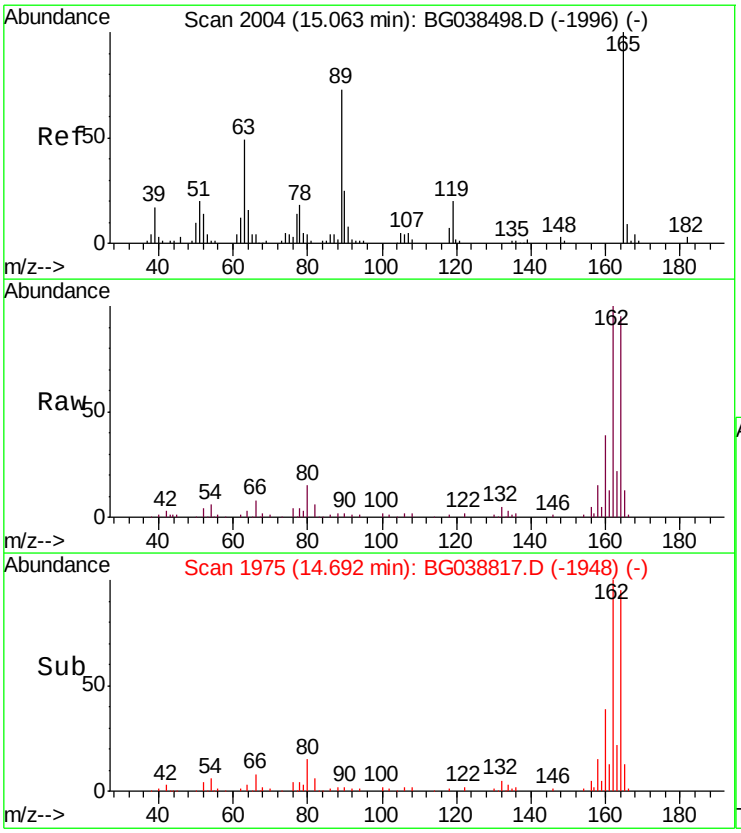
#51
2,6-Dinitrotoluene
Concen: 7.198 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.41 min
Lab File: BG038817.D
Acq: 22 Dec 2018 14:36

Instrument :
BNA_G
ClientSampleId :
HD-01-122018

Tgt Ion:165 Resp: 10573

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

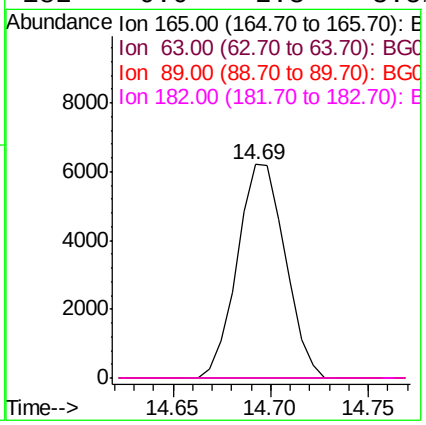


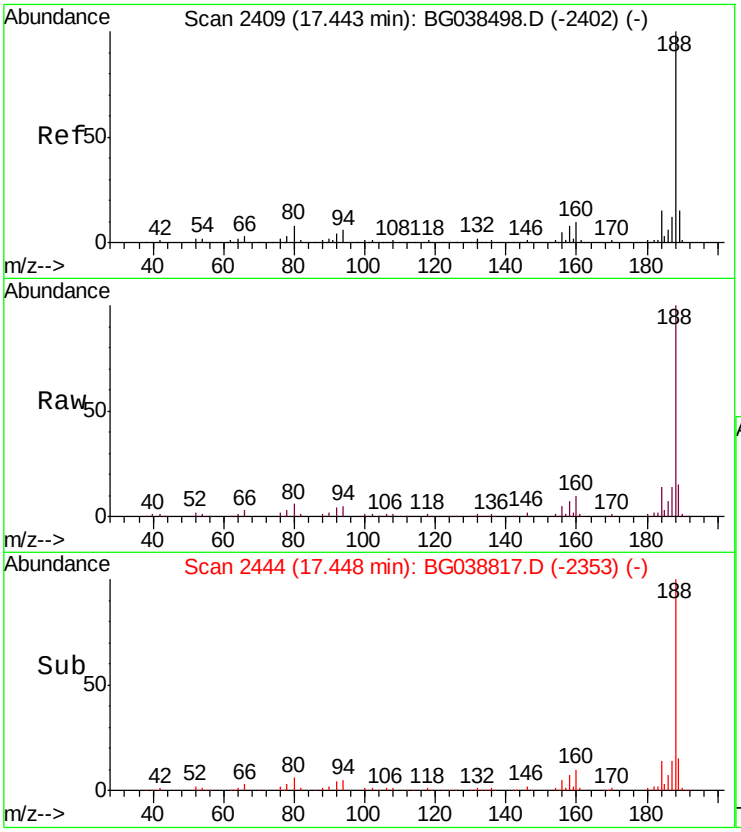


#57
2,4-Dinitrotoluene
Concen: 5.110 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.37 min
Lab File: BG038817.D
Acq: 22 Dec 2018 14:36

Tgt Ion:165 Resp: 10573

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#



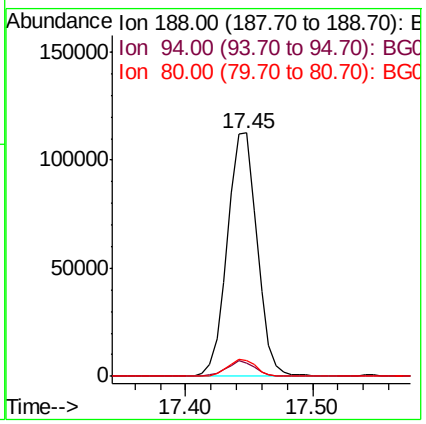


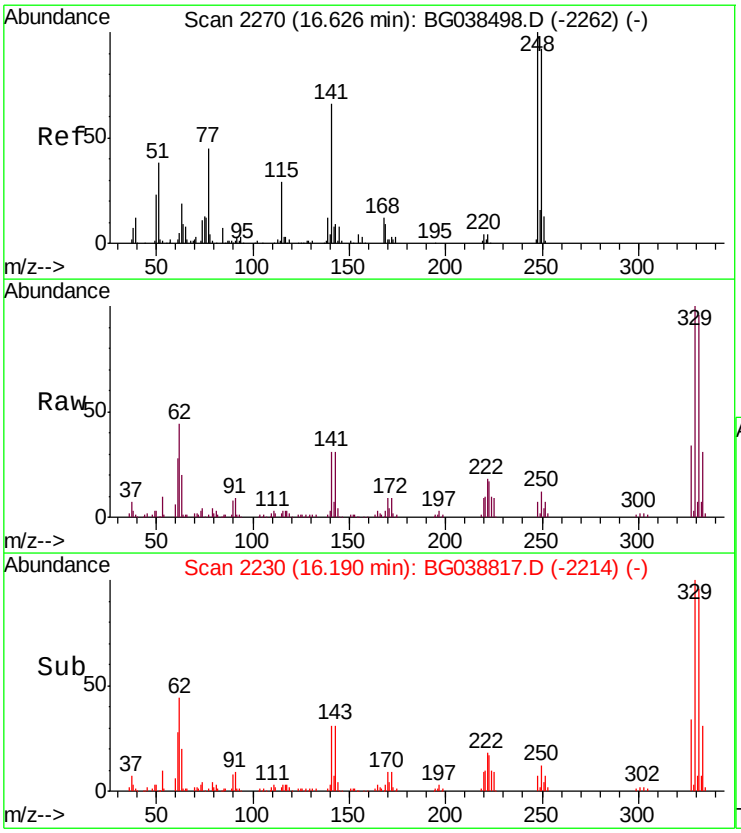
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2444
Delta R.T. 0.01 min
Lab File: BG038817.D
Acq: 22 Dec 2018 14:36

Instrument :
BNA_G
ClientSampleId :
HD-01-122018

Tgt Ion:188 Resp: 182537

Ion	Ratio	Lower	Upper
188	100		
94	5.3	5.1	7.7
80	6.3	6.1	9.1

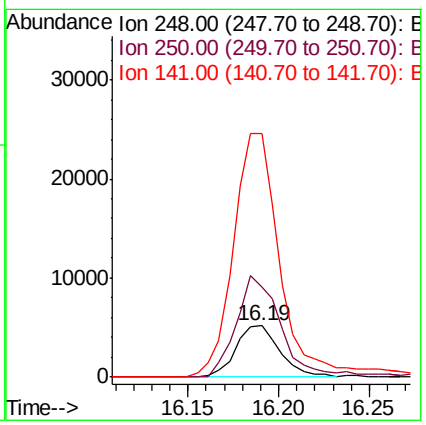


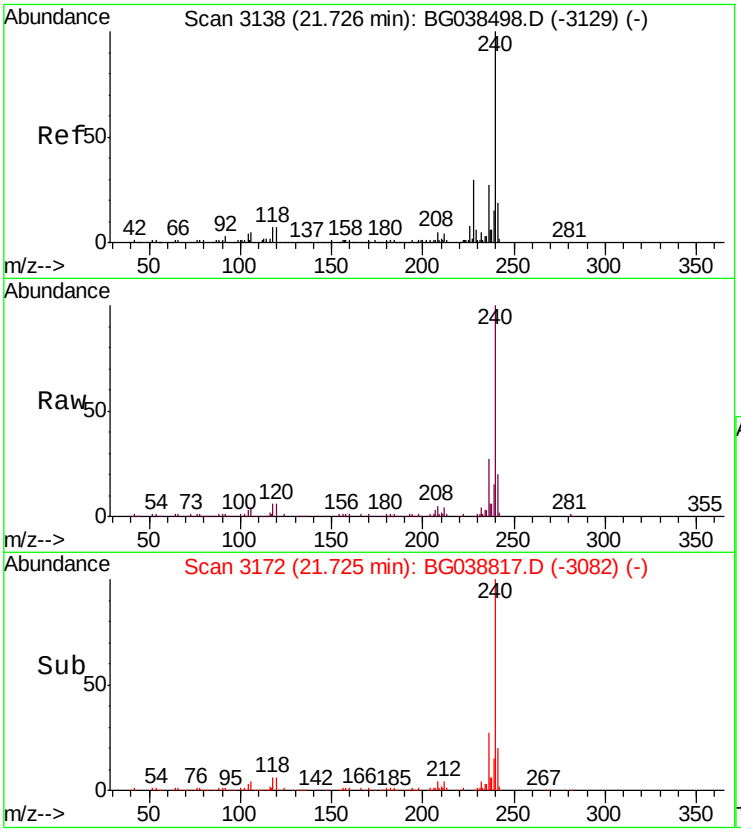


#67
4-Bromophenyl-phenylether
Concen: 3.969 ng
RT: 16.19 min Scan# 2230
Delta R.T. -0.44 min
Lab File: BG038817.D
Acq: 22 Dec 2018 14:36

Tgt Ion:248 Resp: 8848

Ion	Ratio	Lower	Upper
248	100		
250	235.6	73.4	110.2#
141	473.3	52.9	79.3#



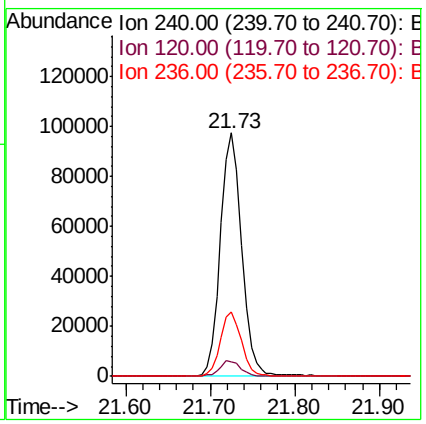


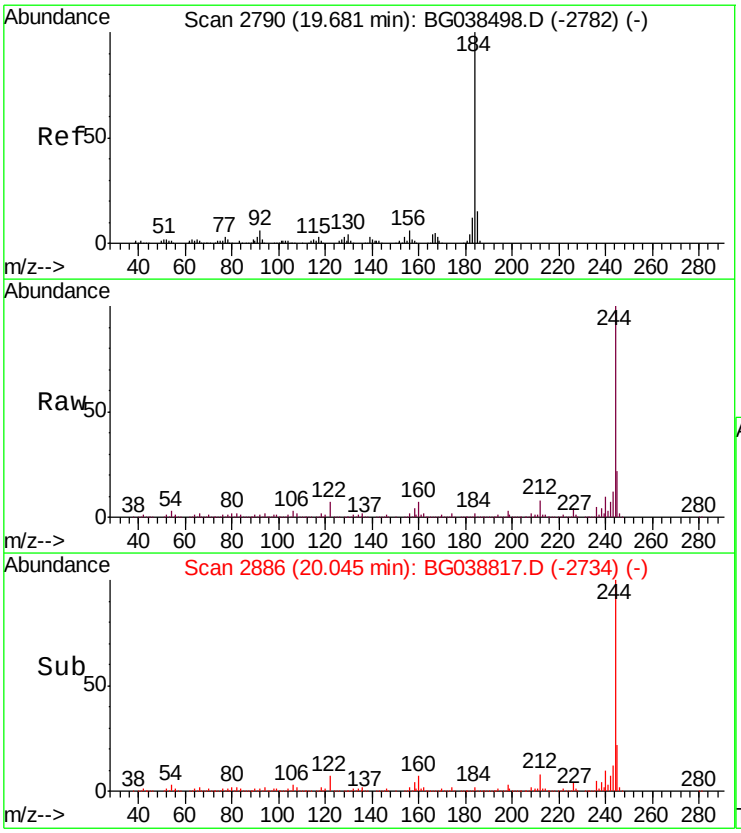
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3172
Delta R.T. -0.00 min
Lab File: BG038817.D
Acq: 22 Dec 2018 14:36

Instrument :
BNA_G
ClientSampleId :
HD-01-122018

Tgt Ion:240 Resp: 171233

Ion	Ratio	Lower	Upper
240	100		
120	6.0	5.3	7.9
236	26.5	21.4	32.2

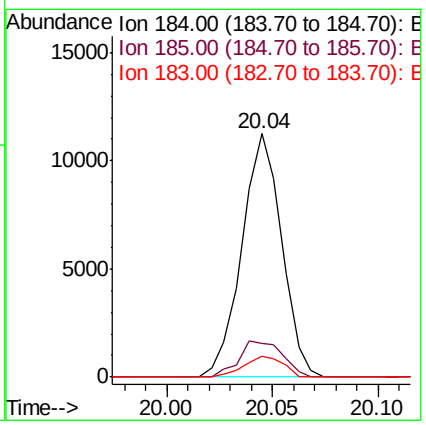


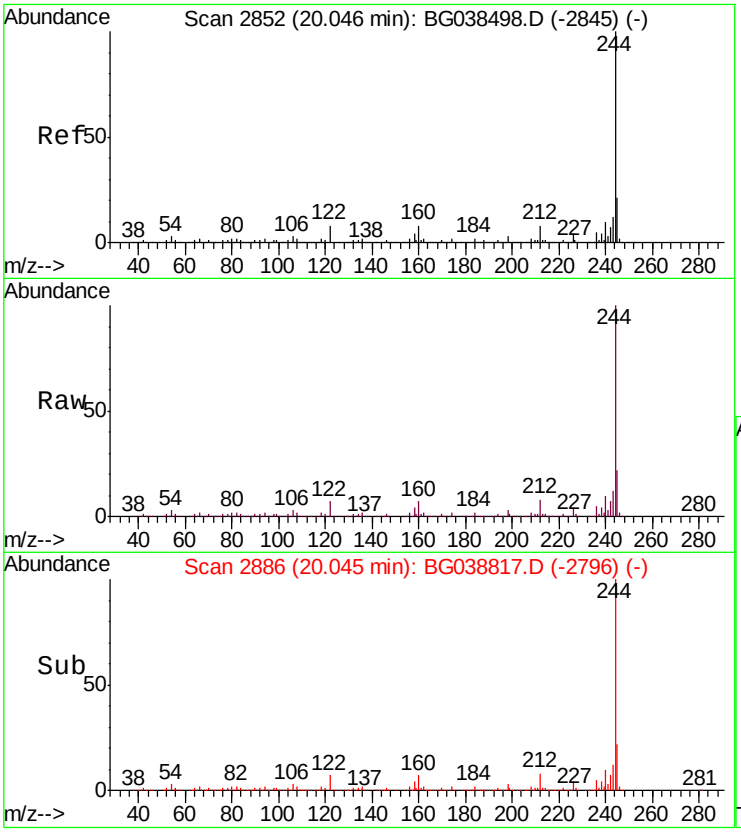


#77
Benzidine
Concen: 2.910 ng
RT: 20.04 min Scan# 2886
Delta R.T. 0.36 min
Lab File: BG038817.D
Acq: 22 Dec 2018 14:36

Tgt Ion:184 Resp: 14735

Ion	Ratio	Lower	Upper
184	100		
185	13.7	12.2	18.2
183	8.4	9.6	14.4#



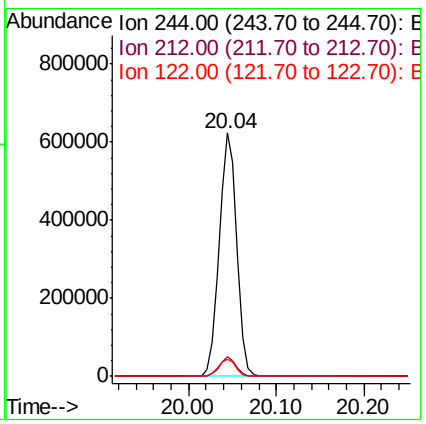


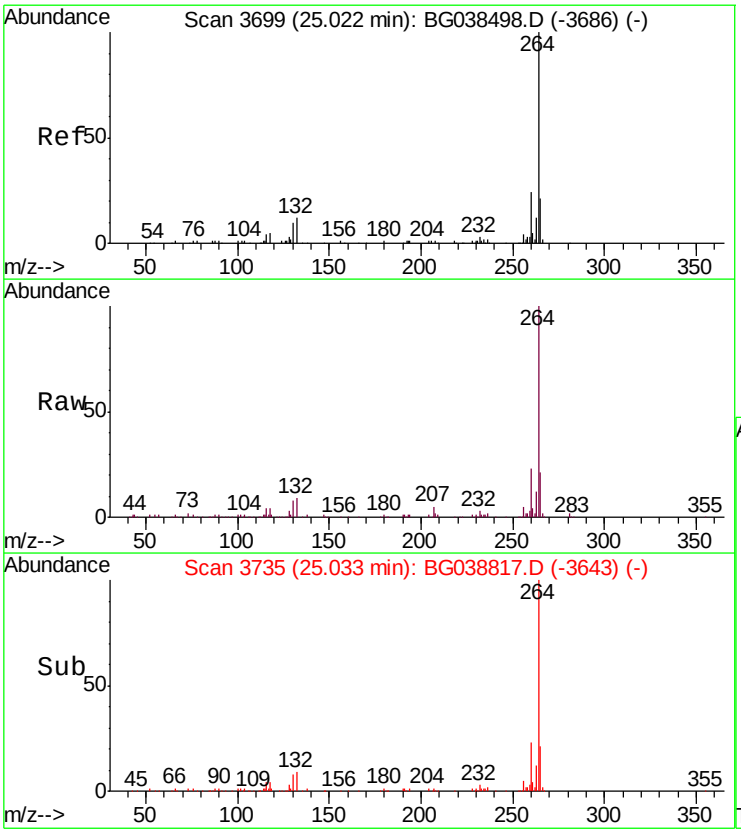
#79
Terphenyl-d14
Concen: 109.584 ng
RT: 20.04 min Scan# 2886
Delta R.T. -0.00 min
Lab File: BG038817.D
Acq: 22 Dec 2018 14:36

Instrument :
BNA_G
ClientSampleId :
HD-01-122018

Tgt Ion:244 Resp: 862201

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	7.2	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: BG038817.D
Acq: 22 Dec 2018 14:36

Tgt Ion:264 Resp: 178721

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.9	28.3
265	20.8	17.0	25.4