Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
Data File : BG038663.D
Acq On : 17 Dec 2018 15:04
Operator : JU/SJ
Sample : J6378-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SD011-0612-01

Quant Time: Dec 18 02:56:48 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	18901	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	75811	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	50772	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	136216	20.00	ng		0.00
76) Chrysene-d12	21.72	240	144132	20.00	ng		0.00
87) Perylene-d12	25.02	264	155830	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	143211	134.39	ng		0.00
7) Phenol-d6	7.21	99	190503	130.22	ng		0.00
23) Nitrobenzene-d5	9.24	82	124461	83.87	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	84656	120.98	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	254116	68.66	ng		0.00
79) Terphenyl-d14	20.04	244	481130	72.65	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.24	94	12637	8.131	ng		89
19) n-Nitroso-di-n-propylamine	9.24	70	16596	16.152	ng	#	74
50) Dimethylphthalate	14.14	163	17204	4.149	ng		97
51) 2,6-Dinitrotoluene	14.70	165	6403	6.815	ng	#	19
57) 2,4-Dinitrotoluene	14.70	165	6403	4.838	ng	#	21
67) 4-Bromophenyl-phenylether	16.19	248	5451	3.277	ng	#	1
77) Benzidine	20.04	184	8902	2.088	ng	#	93

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

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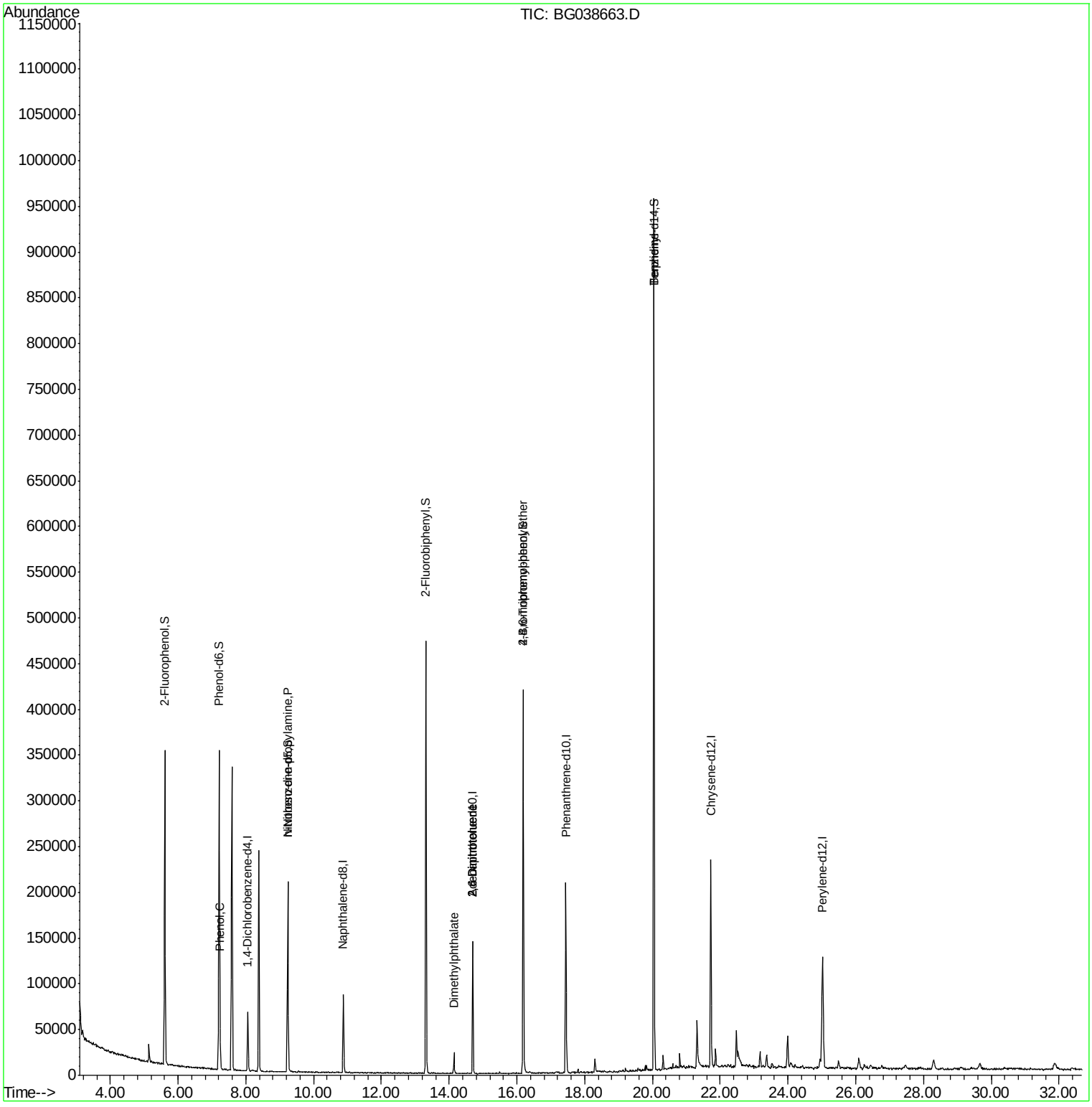
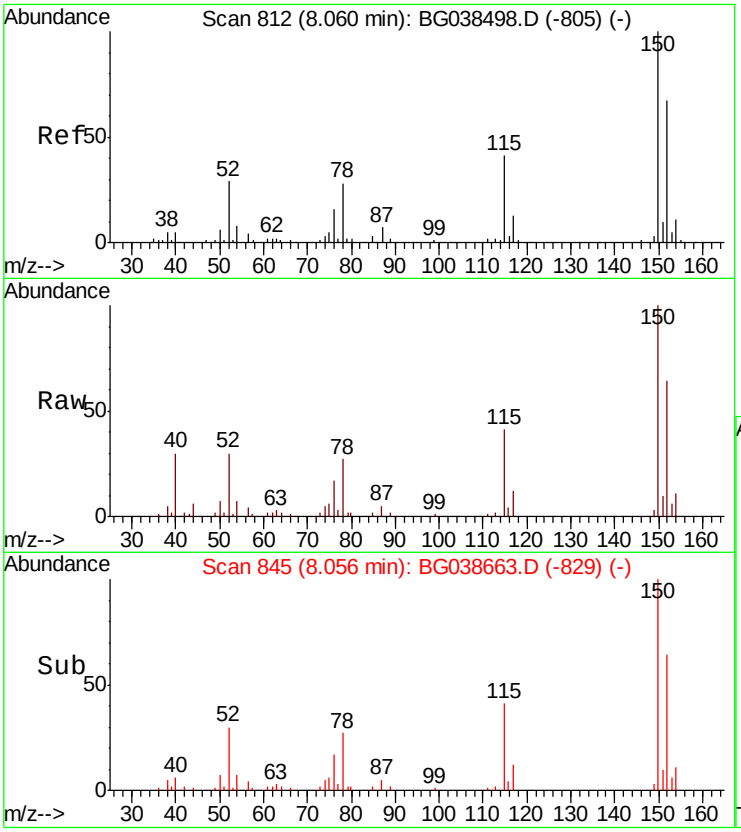
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration



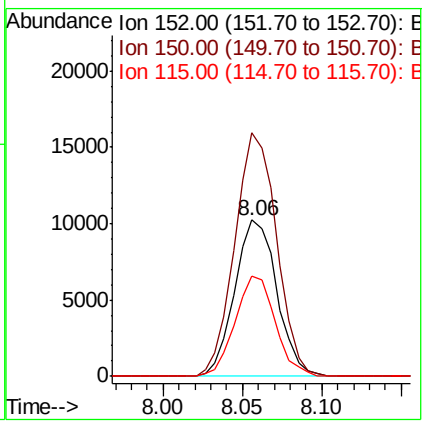


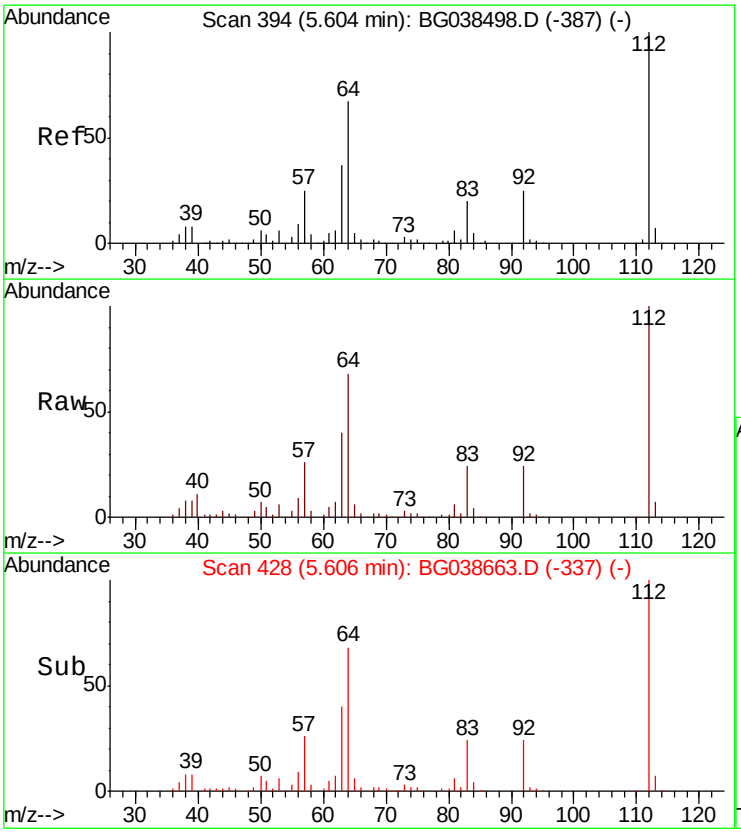
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG038663.D
Acq: 17 Dec 2018 15:04

Instrument :
BNA_G
ClientSampleId :
P001-SD011-0612-01

Tgt Ion:152 Resp: 18901

Ion	Ratio	Lower	Upper
152	100		
150	155.7	119.5	179.3
115	63.9	49.6	74.4

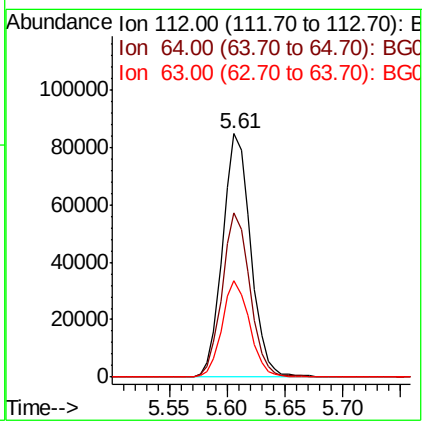


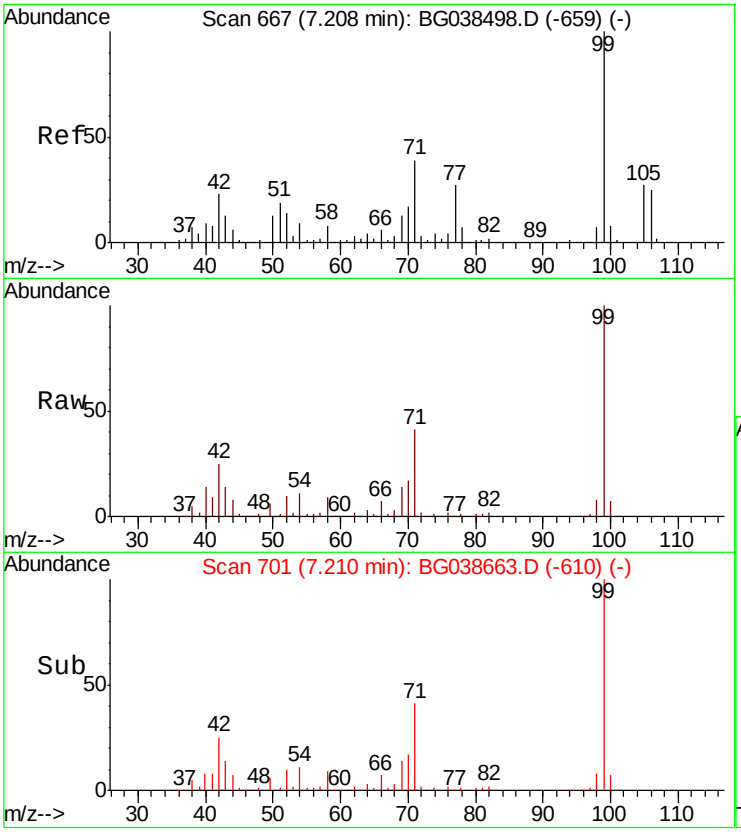


#5
2-Fluorophenol
Concen: 134.388 ng
RT: 5.61 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG038663.D
Acq: 17 Dec 2018 15:04

Tgt Ion:112 Resp: 143211

Ion	Ratio	Lower	Upper
112	100		
64	67.7	53.4	80.2
63	39.7	29.3	43.9



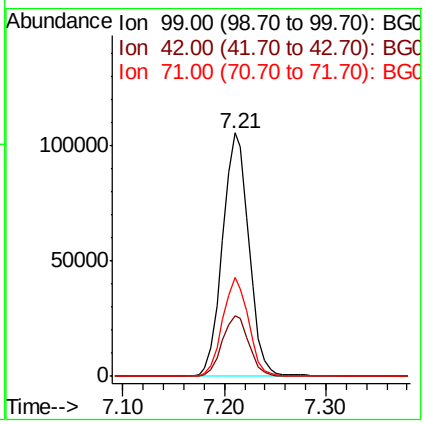


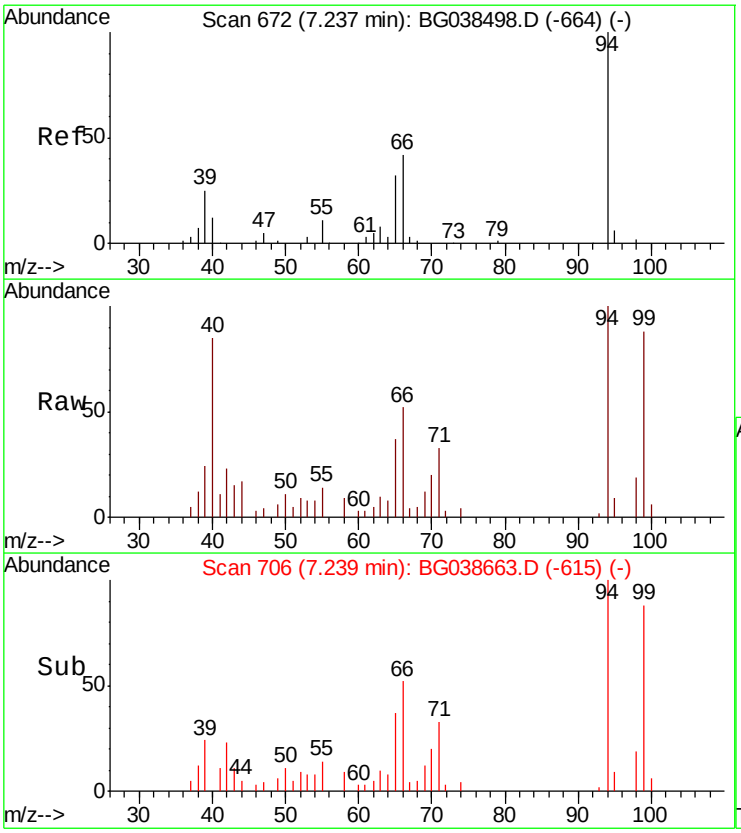
#7
Phenol-d6
Concen: 130.220 ng
RT: 7.21 min Scan# 701
Delta R.T. 0.00 min
Lab File: BG038663.D
Acq: 17 Dec 2018 15:04

Instrument :
BNA_G
ClientSampleId :
P001-SD011-0612-01

Tgt Ion: 99 Resp: 190503

Ion	Ratio	Lower	Upper
99	100		
42	24.8	18.5	27.7
71	40.5	31.1	46.7

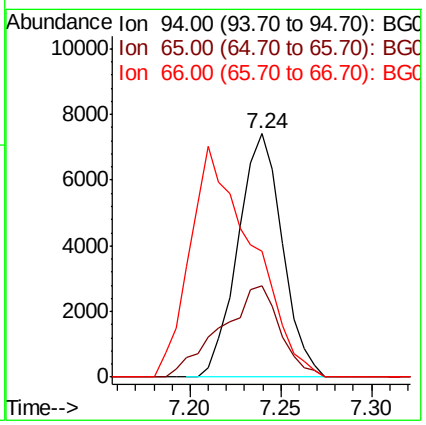


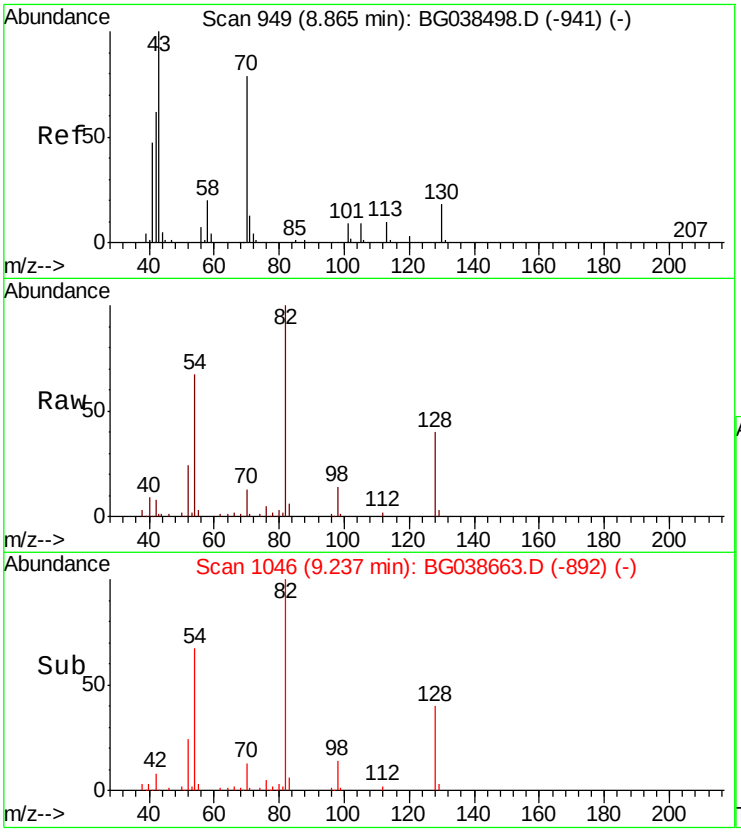


#10
Phenol
Concen: 8.131 ng
RT: 7.24 min Scan# 706
Delta R.T. 0.00 min
Lab File: BG038663.D
Acq: 17 Dec 2018 15:04

Tgt Ion: 94 Resp: 12637

Ion	Ratio	Lower	Upper
94	100		
65	37.4	12.6	52.6
66	51.9	24.1	64.1



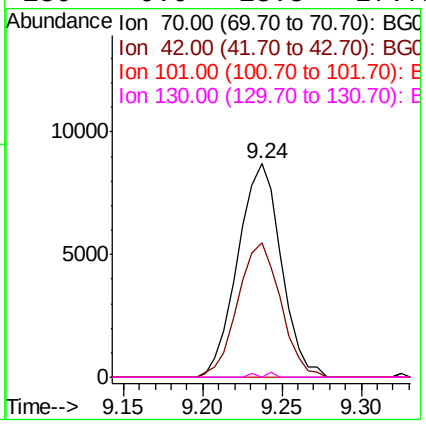


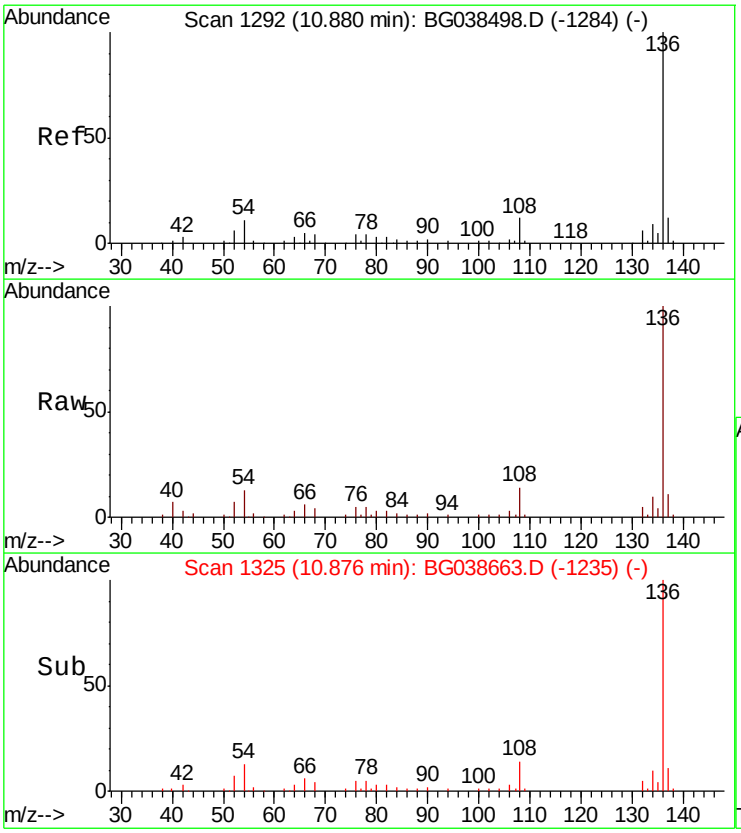
#19
n-Nitroso-di-n-propylamine
Concen: 16.152 ng
RT: 9.24 min Scan# 1046
Delta R.T. 0.37 min
Lab File: BG038663.D
Acq: 17 Dec 2018 15:04

Instrument :
BNA_G
ClientSampleId :
P001-SD011-0612-01

Tgt Ion: 70 Resp: 16596

Ion	Ratio	Lower	Upper
70	100		
42	63.1	63.6	95.4#
101	0.0	9.2	13.8#
130	0.0	18.5	27.7#

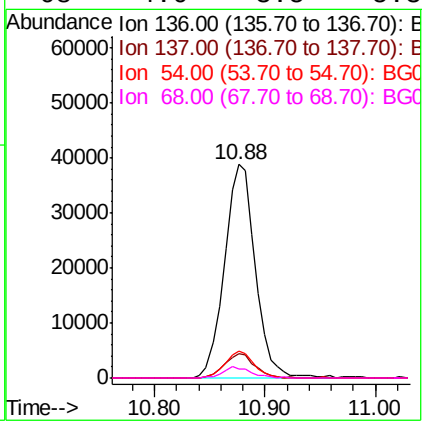


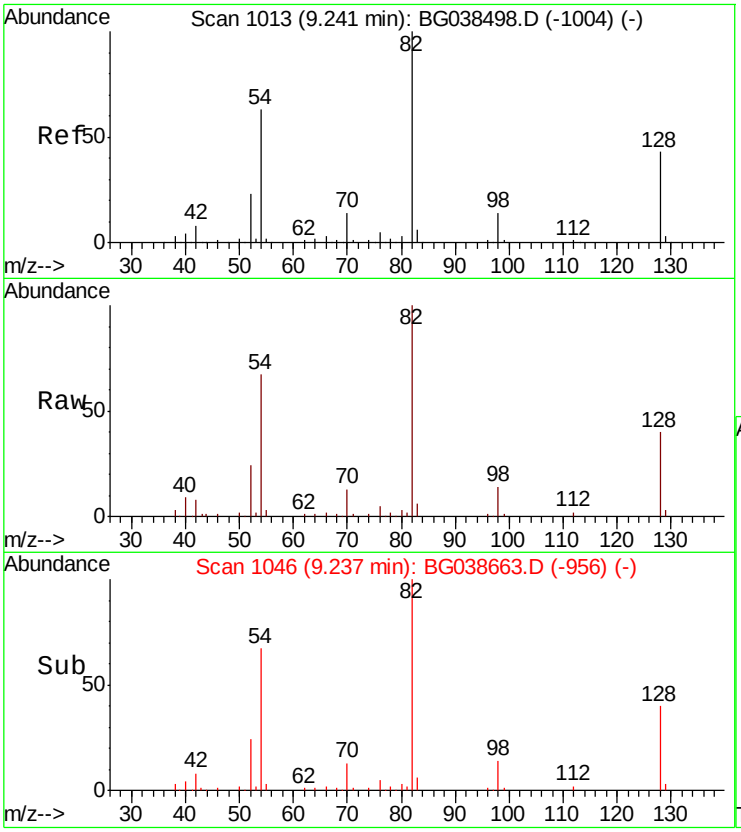


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG038663.D
Acq: 17 Dec 2018 15:04

Tgt Ion:136 Resp: 75811

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.3	13.9
54	12.8	8.5	12.7#
68	4.0	3.5	5.3



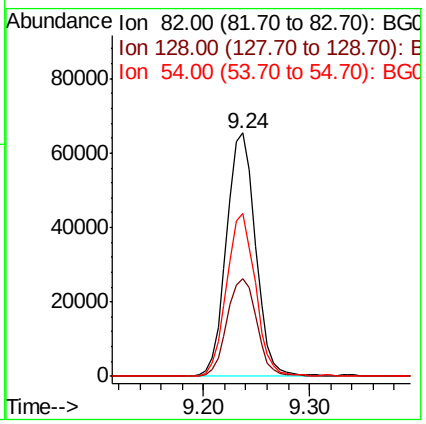


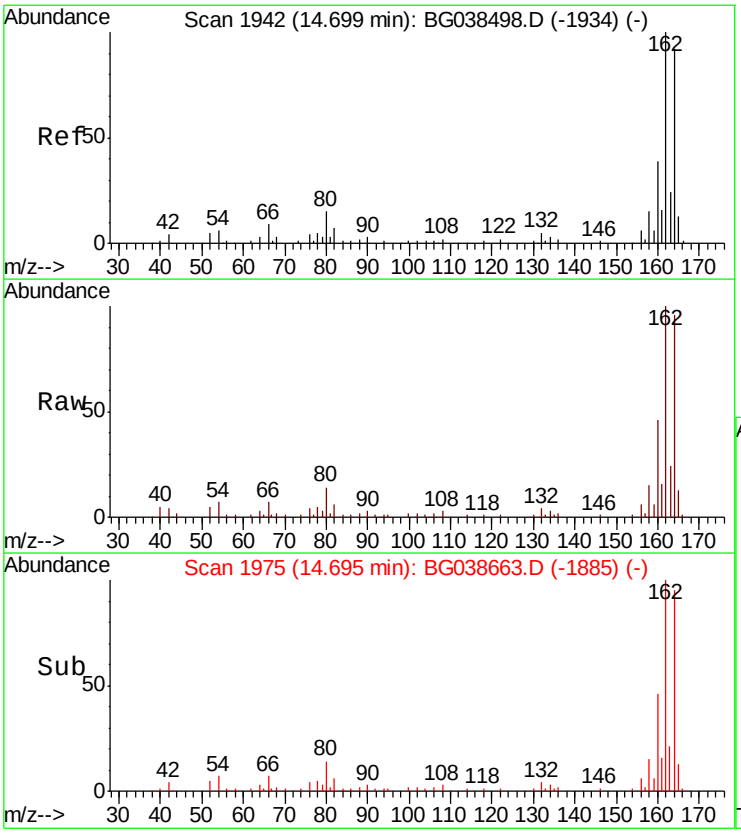
#23
Nitrobenzene-d5
Concen: 83.871 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG038663.D
Acq: 17 Dec 2018 15:04

Instrument :
BNA_G
ClientSampleId :
P001-SD011-0612-01

Tgt Ion: 82 Resp: 124461

Ion	Ratio	Lower	Upper
82	100		
128	40.0	34.6	52.0
54	66.9	50.6	76.0

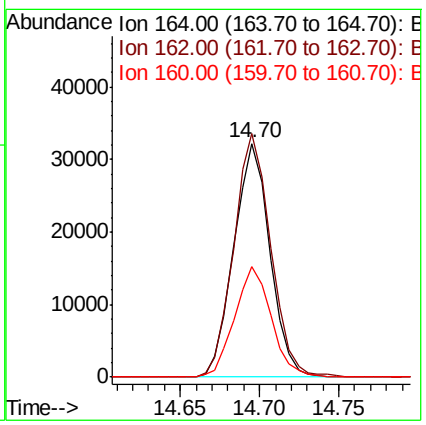


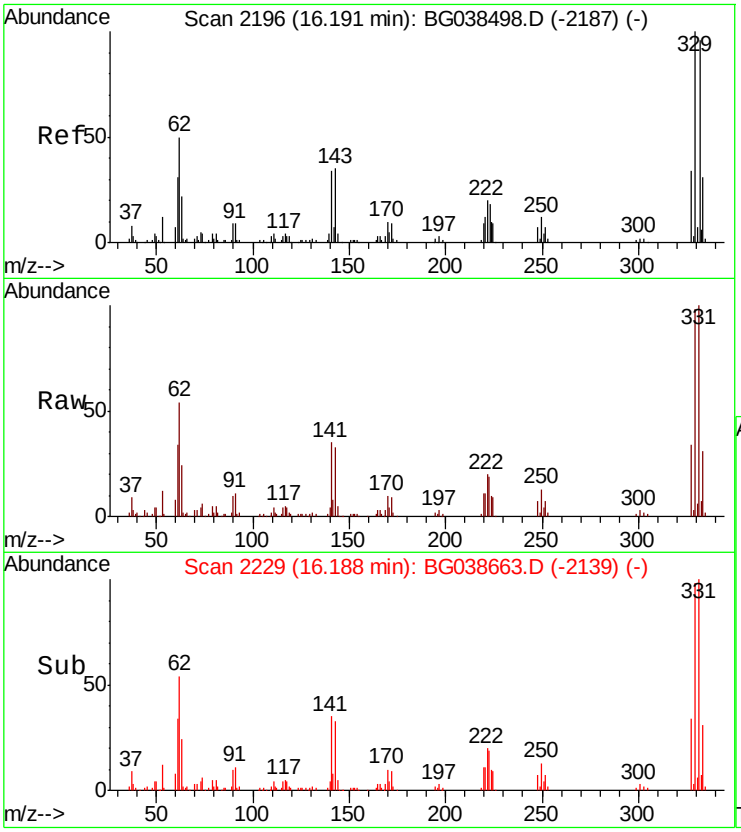


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG038663.D
Acq: 17 Dec 2018 15:04

Tgt Ion:164 Resp: 50772

Ion	Ratio	Lower	Upper
164	100		
162	104.3	86.6	130.0
160	47.5	34.2	51.2



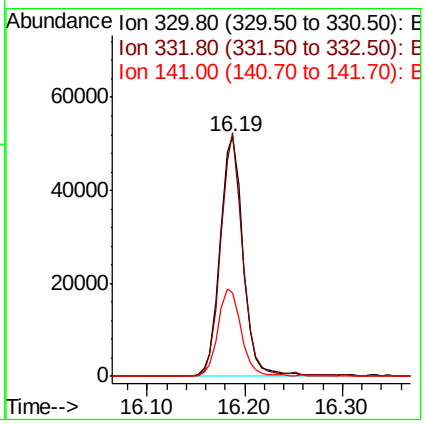


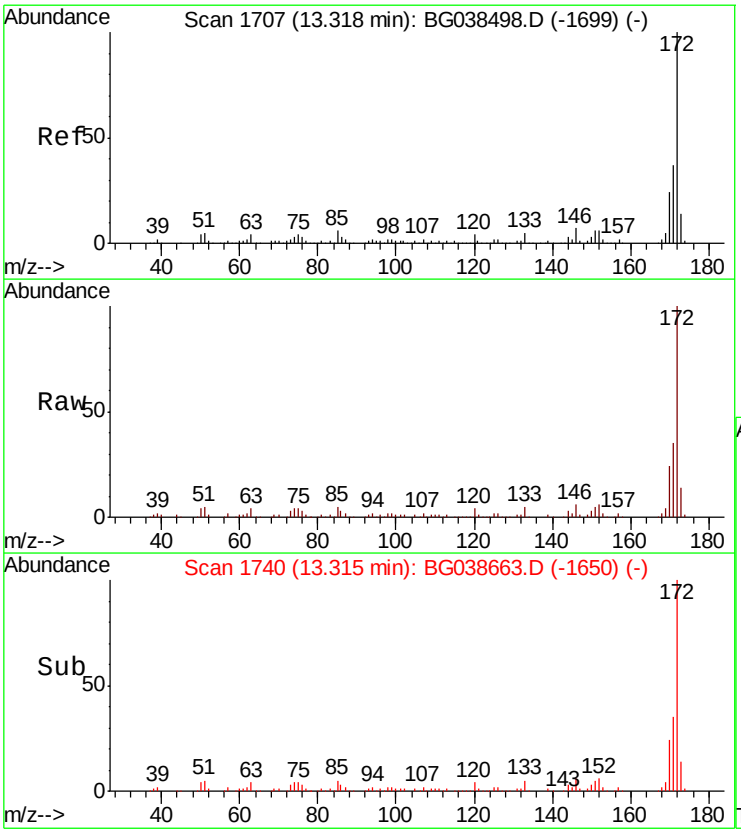
#42
2,4,6-Tribromophenol
Concen: 120.984 ng
RT: 16.19 min Scan# 2229
Delta R.T. -0.00 min
Lab File: BG038663.D
Acq: 17 Dec 2018 15:04

Instrument :
BNA_G
ClientSampleId :
P001-SD011-0612-01

Tgt Ion:330 Resp: 84656

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.9	115.3
141	36.8	28.8	43.2

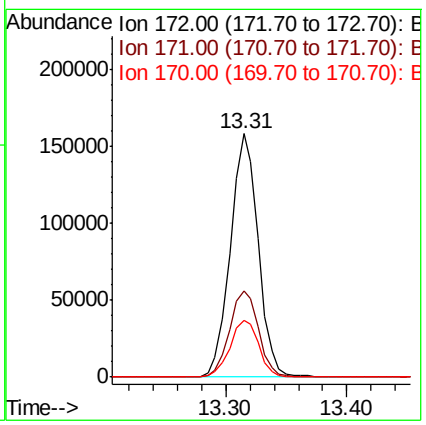


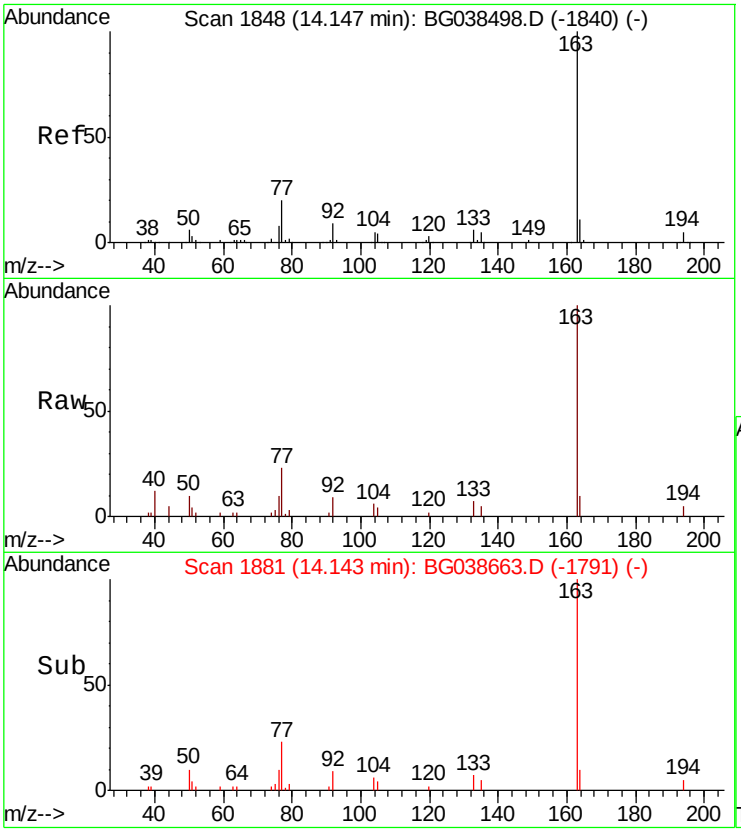


#45
2-Fluorobiphenyl
Concen: 68.662 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.00 min
Lab File: BG038663.D
Acq: 17 Dec 2018 15:04

Tgt Ion:172 Resp: 254116

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.8	44.6
170	23.5	19.5	29.3



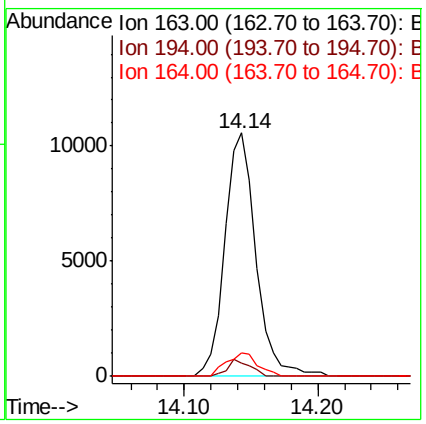


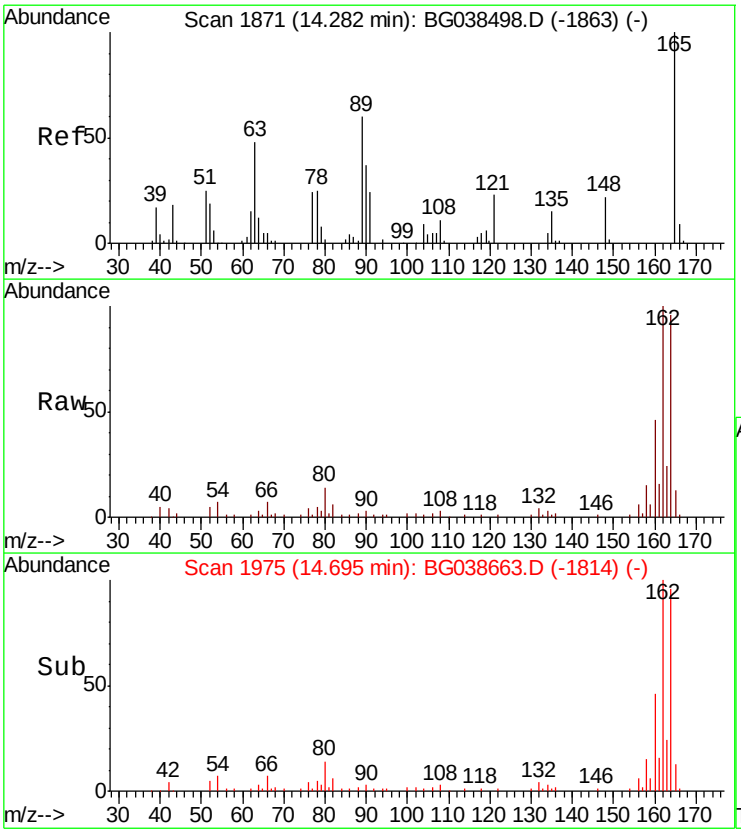
#50
Dimethylphthalate
Concen: 4.149 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.00 min
Lab File: BG038663.D
Acq: 17 Dec 2018 15:04

Instrument :
BNA_G
ClientSampleId :
P001-SD011-0612-01

Tgt Ion:163 Resp: 17204

Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.7	5.5
164	9.6	8.6	12.8

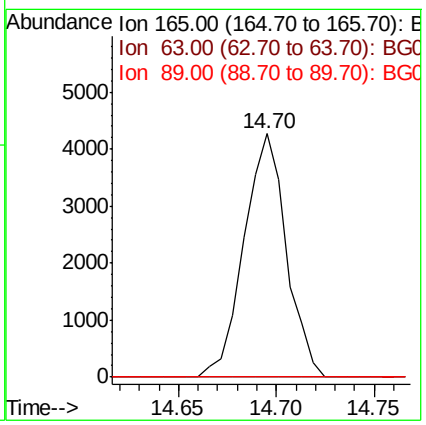


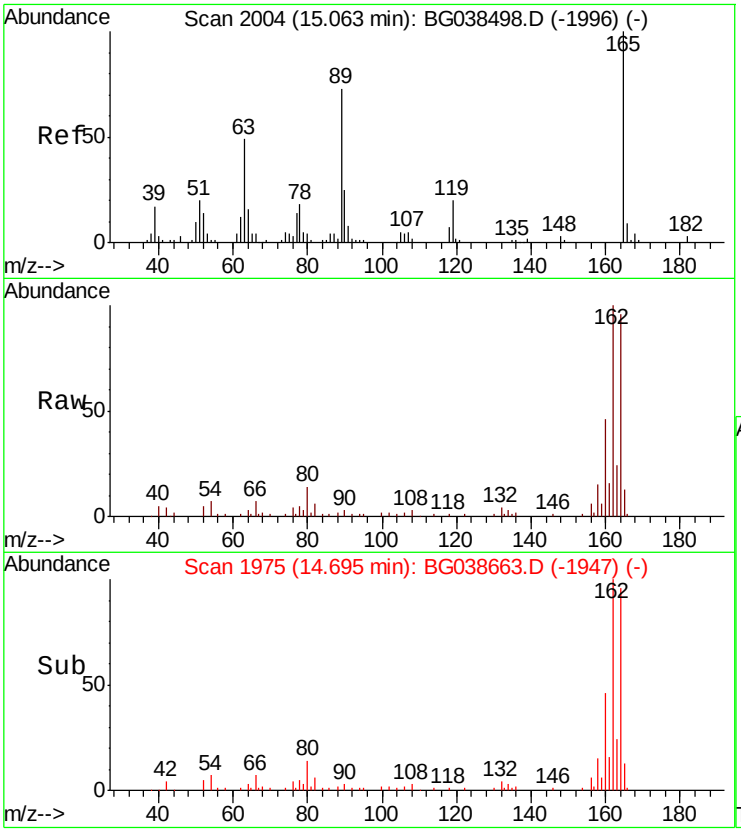


#51
2,6-Dinitrotoluene
Concen: 6.815 ng
RT: 14.70 min Scan# 1975
Delta R.T. 0.41 min
Lab File: BG038663.D
Acq: 17 Dec 2018 15:04

Tgt Ion:165 Resp: 6403

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



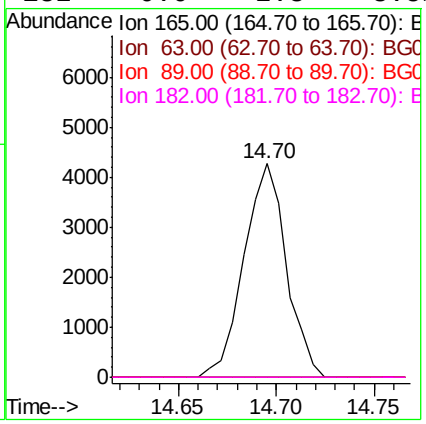


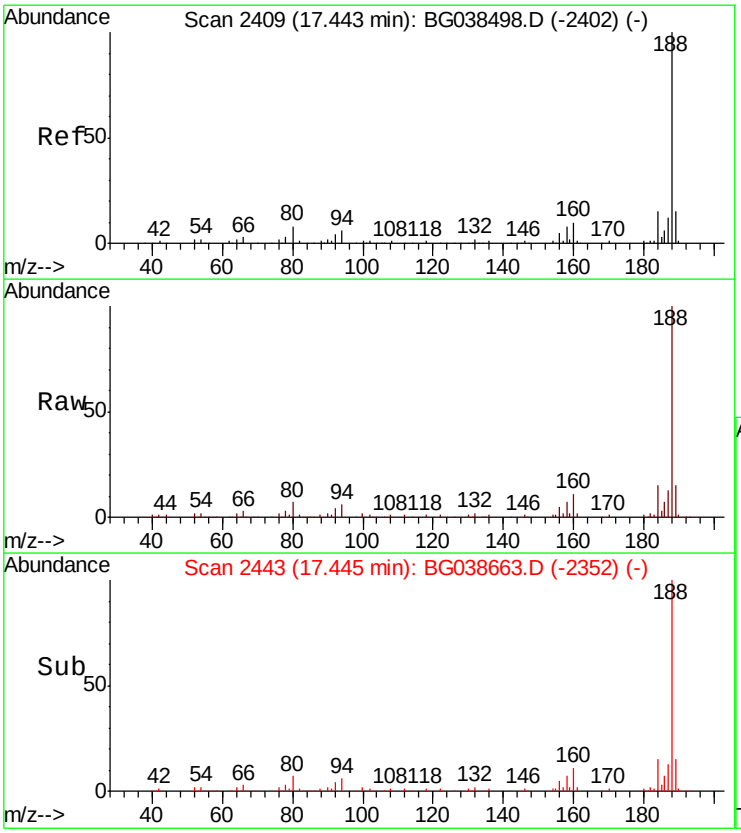
#57
2,4-Dinitrotoluene
Concen: 4.838 ng
RT: 14.70 min Scan# 1975
Delta R.T. -0.37 min
Lab File: BG038663.D
Acq: 17 Dec 2018 15:04

Instrument :
BNA_G
ClientSampleId :
P001-SD011-0612-01

Tgt Ion:165 Resp: 6403

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#

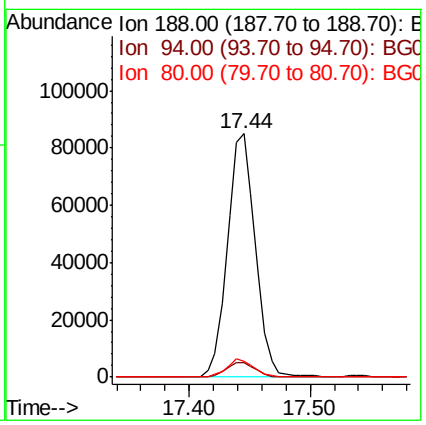


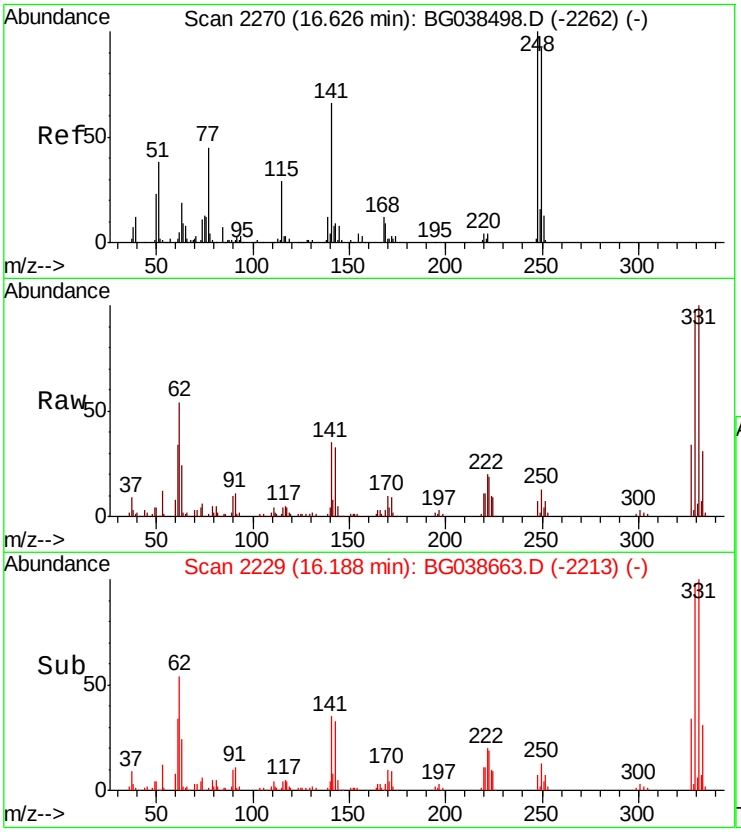


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG038663.D
Acq: 17 Dec 2018 15:04

Tgt Ion:188 Resp: 136216

Ion	Ratio	Lower	Upper
188	100		
94	5.7	5.1	7.7
80	6.7	6.1	9.1



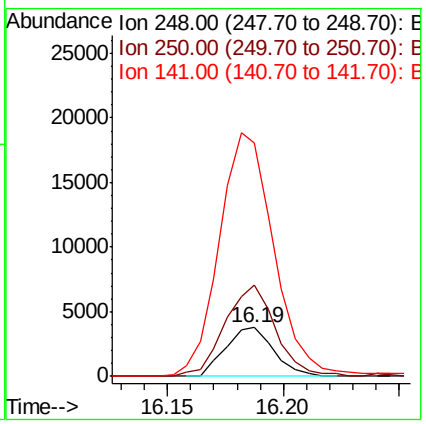


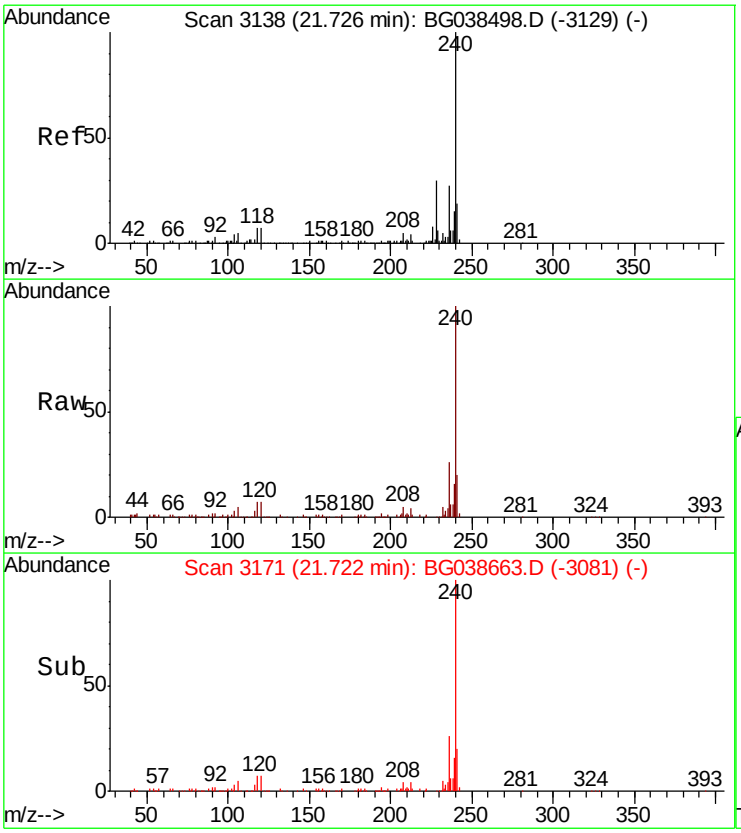
#67
4-Bromophenyl-phenylether
Concen: 3.277 ng
RT: 16.19 min Scan# 2229
Delta R.T. -0.44 min
Lab File: BG038663.D
Acq: 17 Dec 2018 15:04

Instrument :
BNA_G
ClientSampleId :
P001-SD011-0612-01

Tgt Ion:248 Resp: 5451

Ion	Ratio	Lower	Upper
248	100		
250	187.2	73.4	110.2#
141	377.1	52.9	79.3#

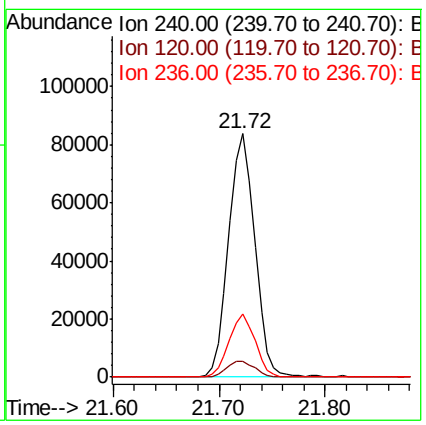


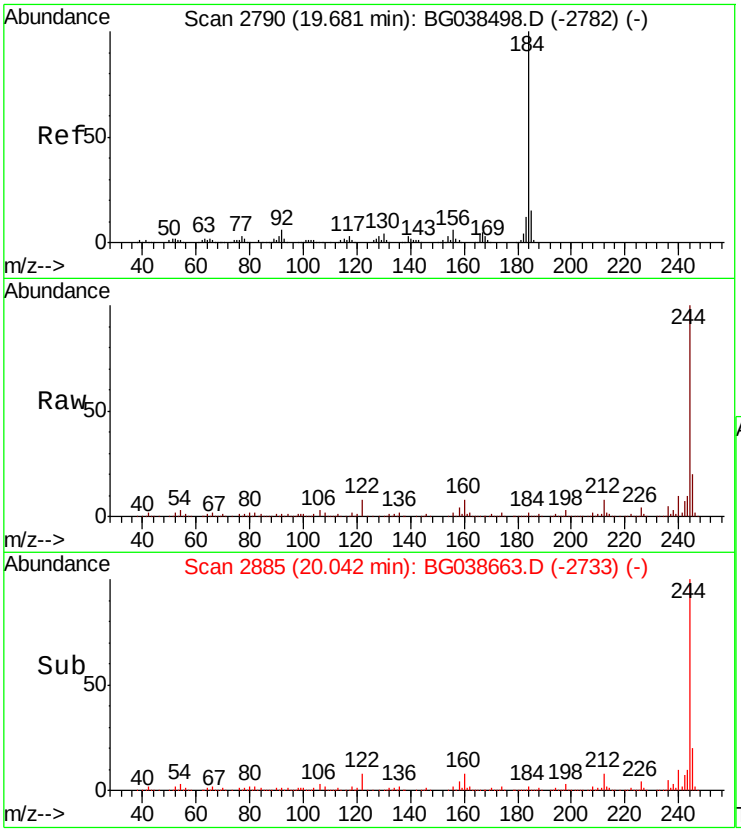


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.00 min
Lab File: BG038663.D
Acq: 17 Dec 2018 15:04

Tgt Ion:240 Resp: 144132

Ion	Ratio	Lower	Upper
240	100		
120	6.6	5.3	7.9
236	26.0	21.4	32.2



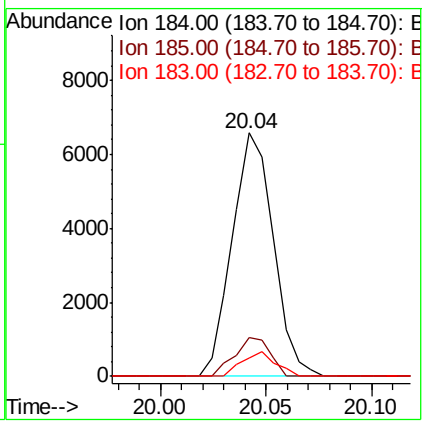


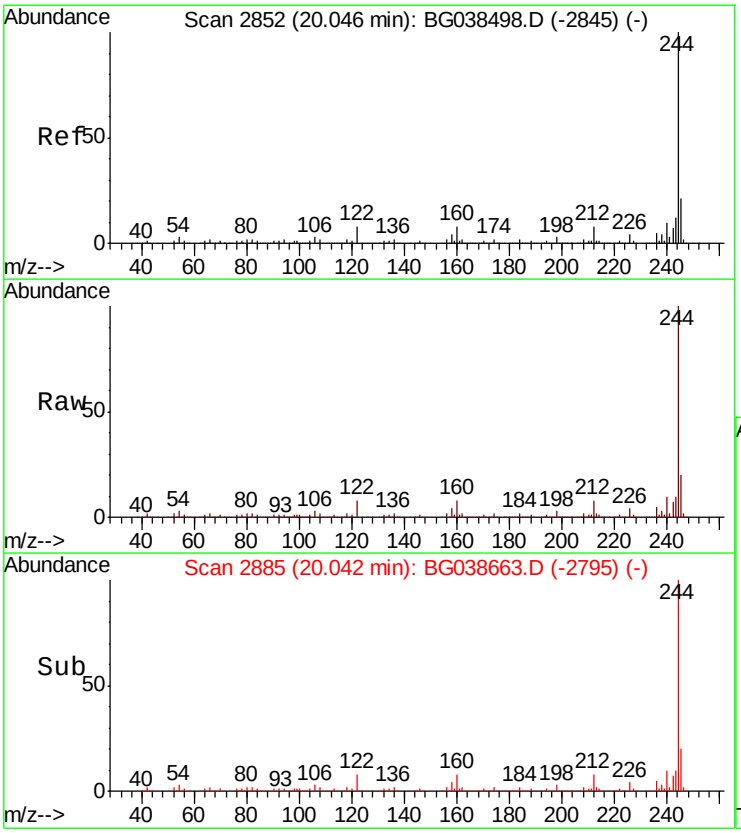
#77
Benzidine
Concen: 2.088 ng
RT: 20.04 min Scan# 2885
Delta R.T. 0.36 min
Lab File: BG038663.D
Acq: 17 Dec 2018 15:04

Instrument :
BNA_G
ClientSampleId :
P001-SD011-0612-01

Tgt Ion:184 Resp: 8902

Ion	Ratio	Lower	Upper
184	100		
185	16.2	12.2	18.2
183	7.3	9.6	14.4#

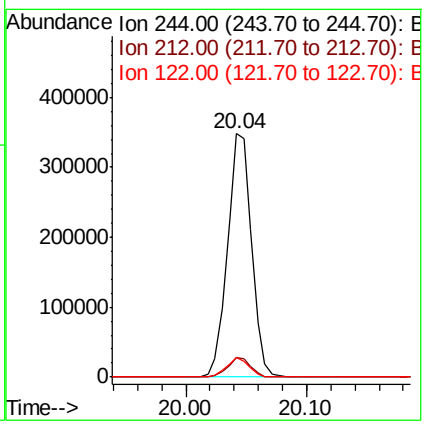


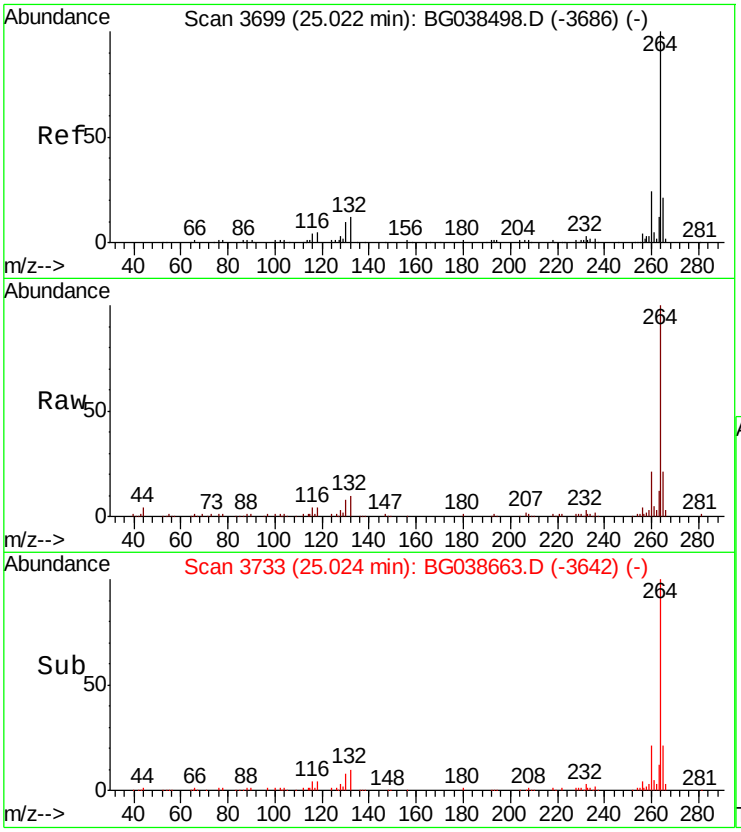


#79
Terphenyl-d14
Concen: 72.649 ng
RT: 20.04 min Scan# 2885
Delta R.T. -0.00 min
Lab File: BG038663.D
Acq: 17 Dec 2018 15:04

Tgt Ion:244 Resp: 481130

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.2
122	7.9	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: BG038663.D
Acq: 17 Dec 2018 15:04

Instrument :
BNA_G
ClientSampleId :
P001-SD011-0612-01

Tgt Ion:264 Resp: 155830

Ion	Ratio	Lower	Upper
264	100		
260	21.1	18.9	28.3
265	20.9	17.0	25.4