Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071318\
Data File : BG035641.D
Acq On : 13 Jul 2018 22:40
Operator : JU/SJ
Sample : PB111092BL
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB111092BL

Quant Time: Jul 14 00:14:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 12 14:43:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	42593	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	164708	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	122623	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	349523	20.00	ng	0.00
75) Chrysene-d12	21.68	240	375854	20.00	ng	0.00
86) Perylene-d12	24.91	264	349955	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	391292	152.52	ng	0.00
7) Phenol-d6	7.22	99	580755	151.73	ng	0.00
23) Nitrobenzene-d5	9.22	82	373229	94.66	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	249173	154.17	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	867162	94.74	ng	0.00
78) Terphenyl-d14	20.02	244	1655565	97.10	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.22	70	50742	15.743	ng	# 69
50) 2,6-Dinitrotoluene	14.67	165	16544	7.562	ng	# 21
53) 2,4-Dinitrophenol	14.80	184	65	6.635	ng	# 1
56) 2,4-Dinitrotoluene	14.67	165	16544	5.271	ng	# 19
66) 4-Bromophenyl-phenylether	16.16	248	20717	5.109	ng	# 1
76) Benzidine	20.02	184	29936	3.030	ng	# 88

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071318\
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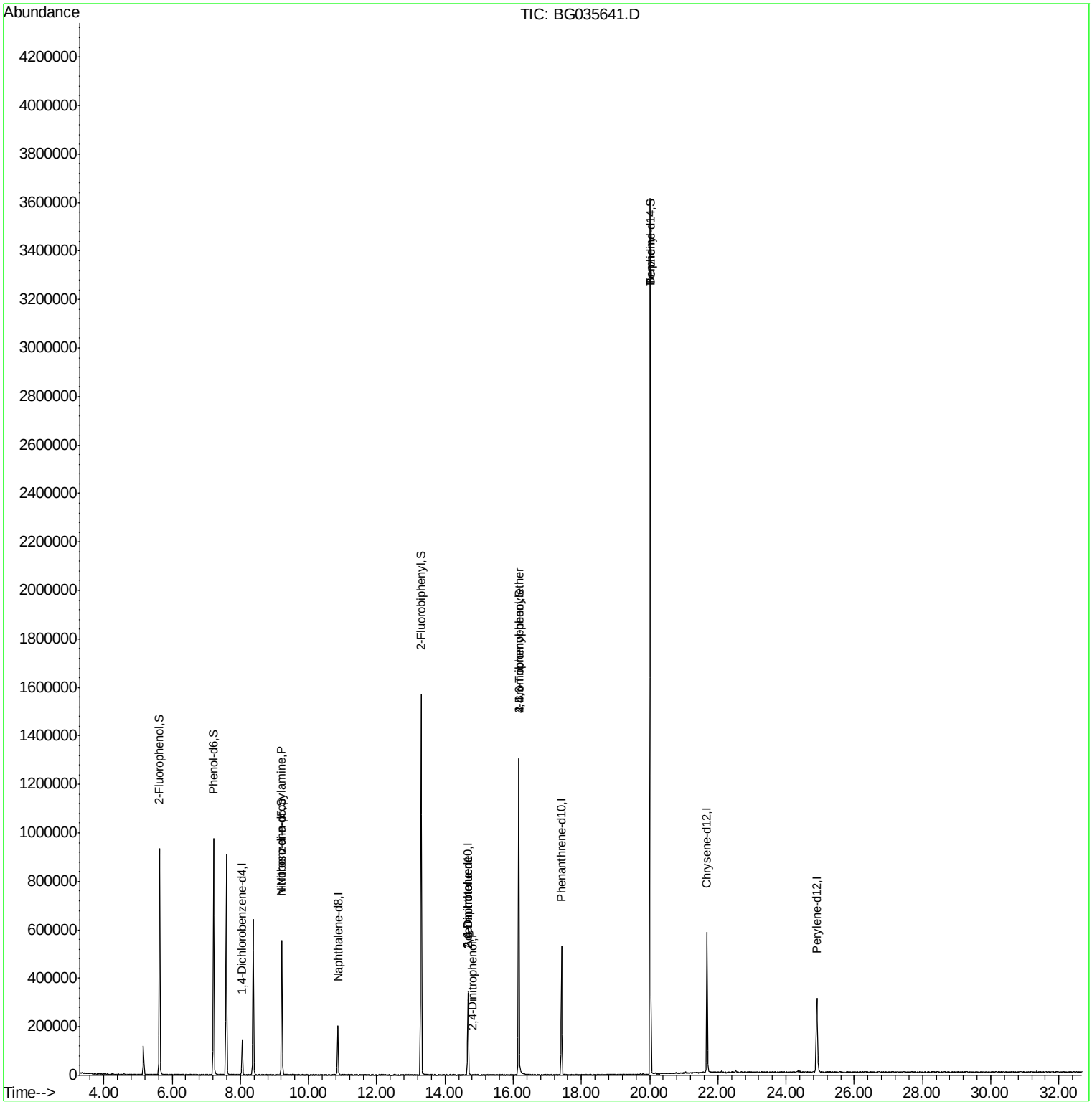
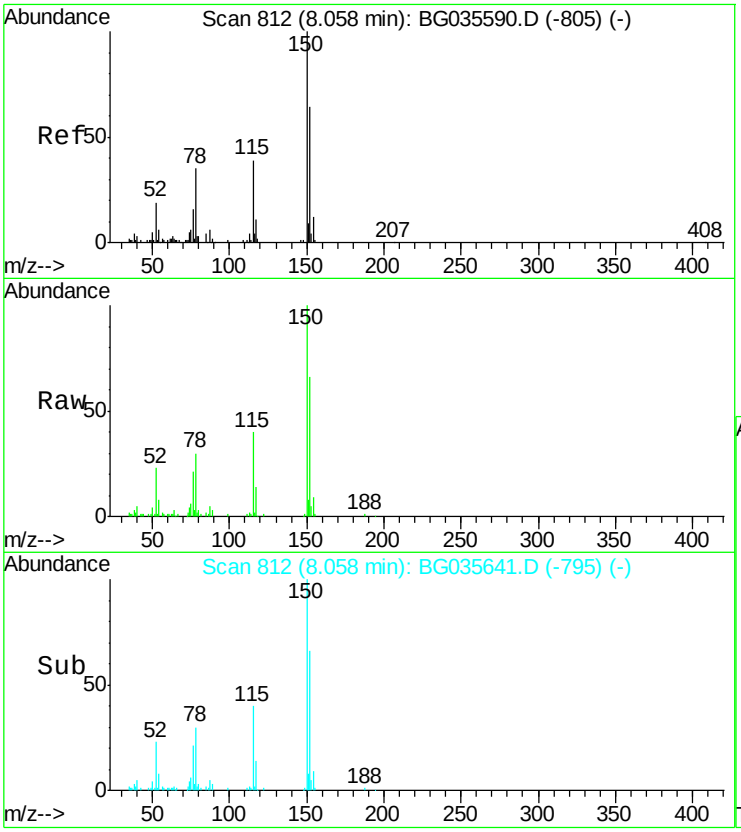
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 12 14:43:32 2018
Response via : Initial Calibration



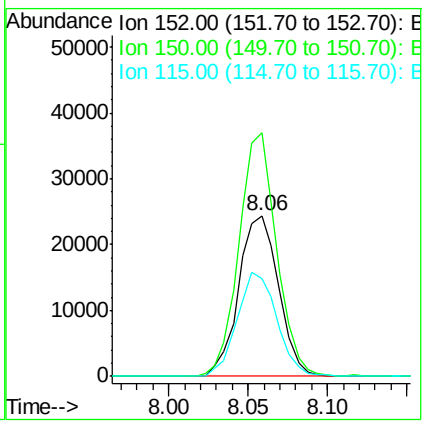


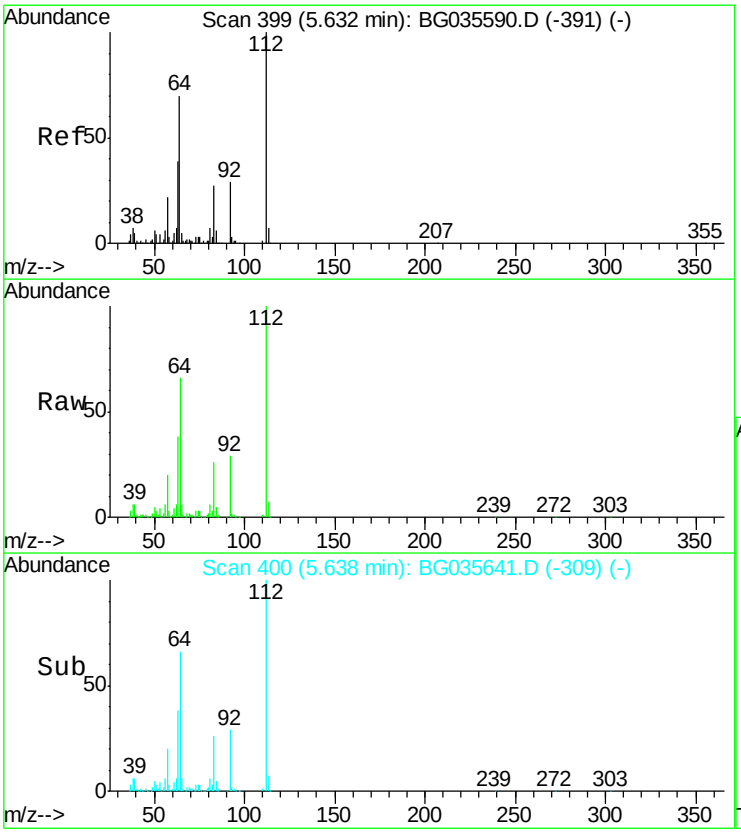
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG035641.D
Acq: 13 Jul 2018 22:40

Instrument :
BNA_G
ClientSampleId :
PB111092BL

Tgt Ion:152 Resp: 42593

Ion	Ratio	Lower	Upper
152	100		
150	151.7	126.6	189.8
115	60.5	53.0	79.4

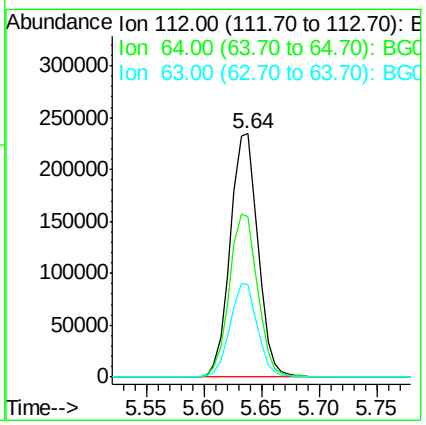


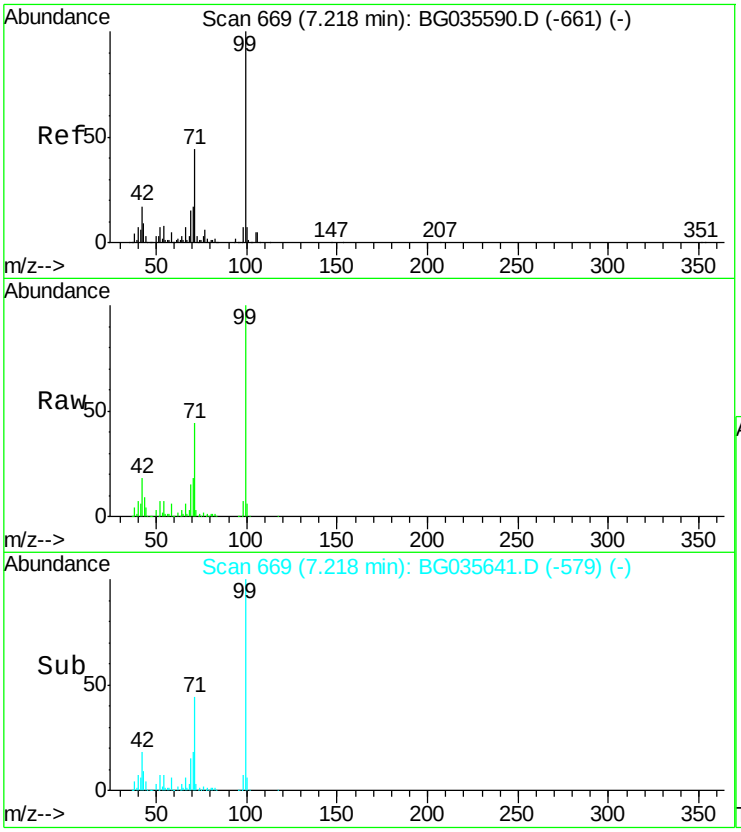


#5
2-Fluorophenol
Concen: 152.522 ng
RT: 5.64 min Scan# 400
Delta R.T. 0.01 min
Lab File: BG035641.D
Acq: 13 Jul 2018 22:40

Tgt Ion:112 Resp: 391292

Ion	Ratio	Lower	Upper
112	100		
64	65.6	56.3	84.5
63	37.8	30.1	45.1



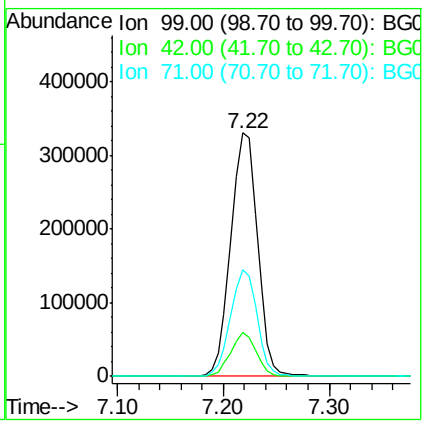


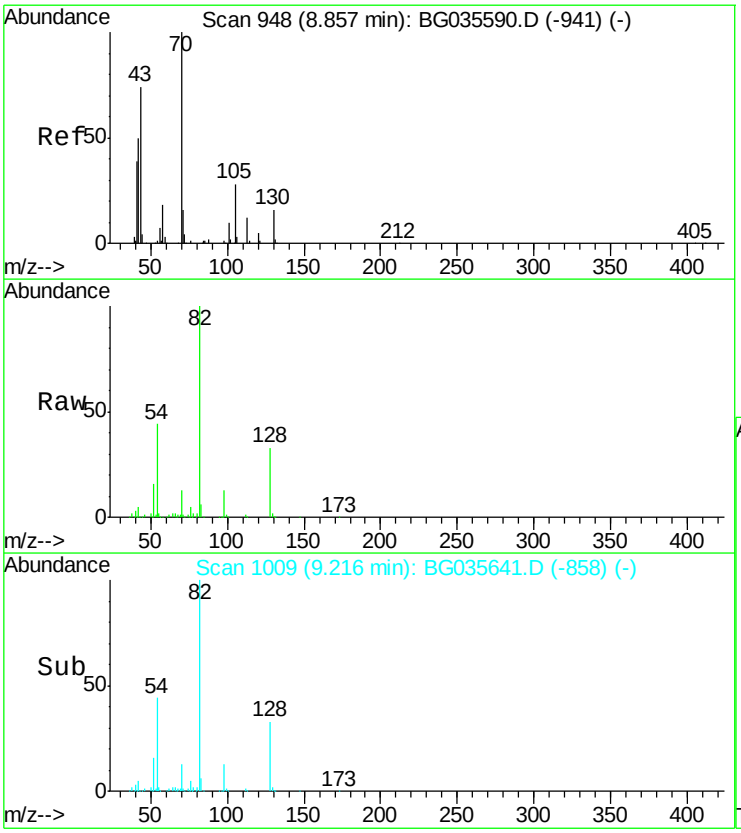
#7
Phenol-d6
Concen: 151.726 ng
RT: 7.22 min Scan# 669
Delta R.T. -0.00 min
Lab File: BG035641.D
Acq: 13 Jul 2018 22:40

Instrument :
BNA_G
ClientSampleId :
PB111092BL

Tgt Ion: 99 Resp: 580755

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.1	21.1
71	43.9	26.1	39.1#

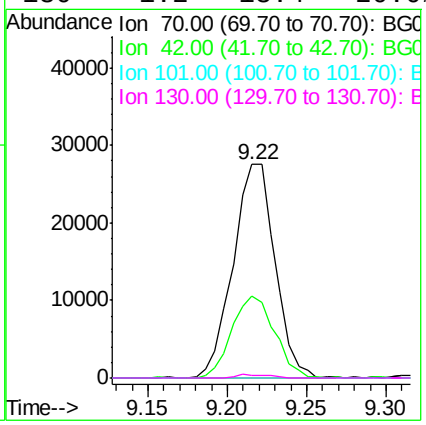


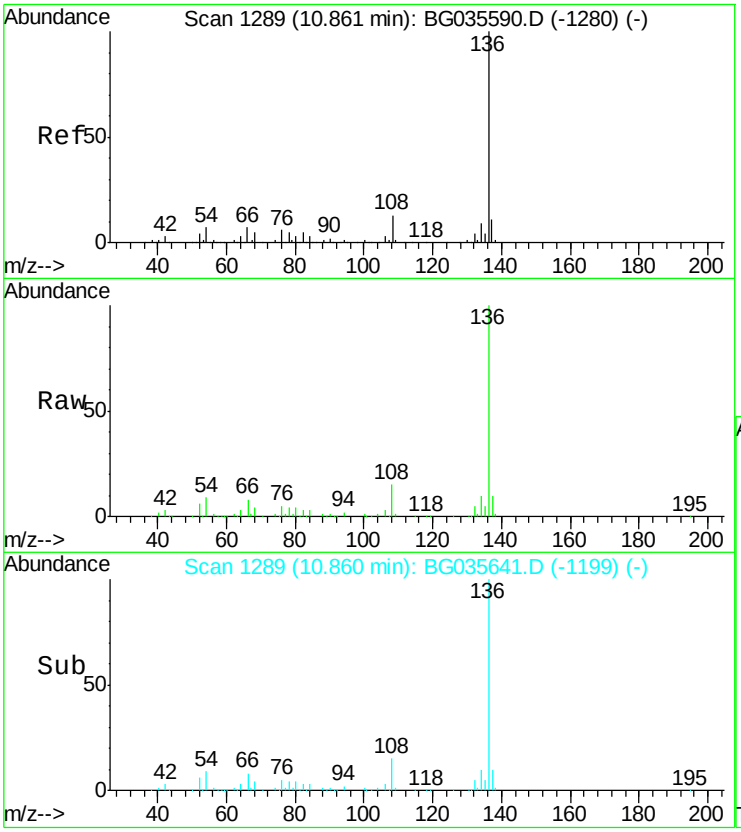


#19
n-Nitroso-di-n-propylamine
Concen: 15.743 ng
RT: 9.22 min Scan# 1009
Delta R.T. 0.36 min
Lab File: BG035641.D
Acq: 13 Jul 2018 22:40

Tgt Ion: 70 Resp: 50742

Ion	Ratio	Lower	Upper
70	100		
42	38.3	49.1	73.7#
101	0.0	8.5	12.7#
130	1.2	13.4	20.0#



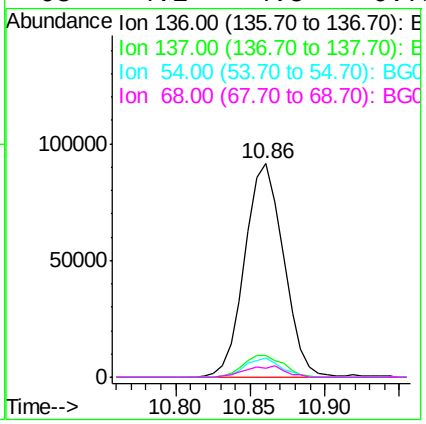


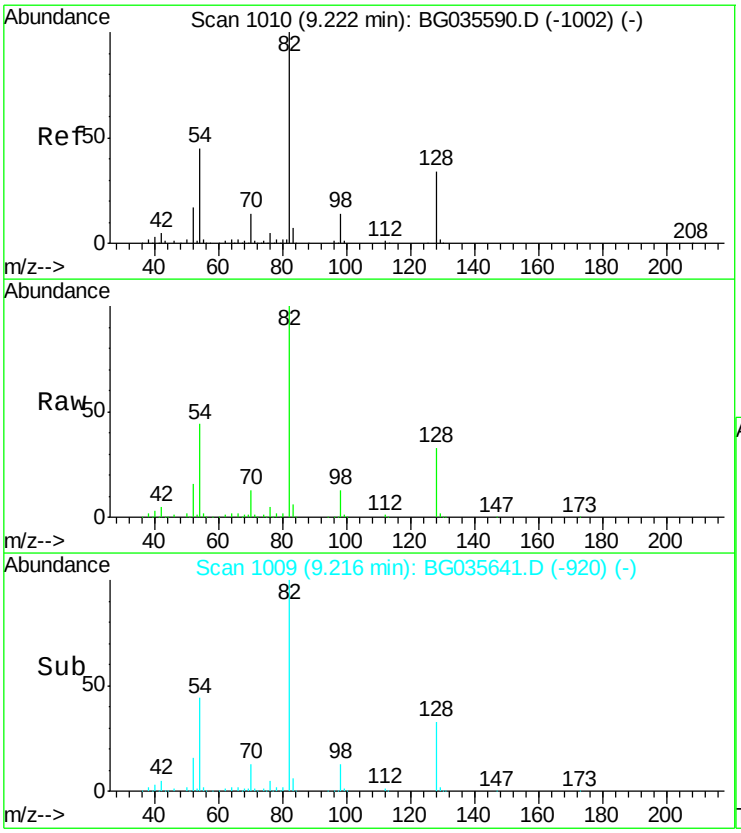
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG035641.D
Acq: 13 Jul 2018 22:40

Instrument :
BNA_G
ClientSampleId :
PB111092BL

Tgt Ion:136 Resp: 164708

Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.2	13.8
54	8.9	10.3	15.5#
68	4.2	4.5	6.7#

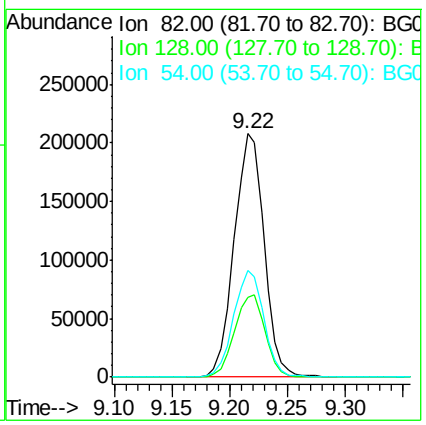


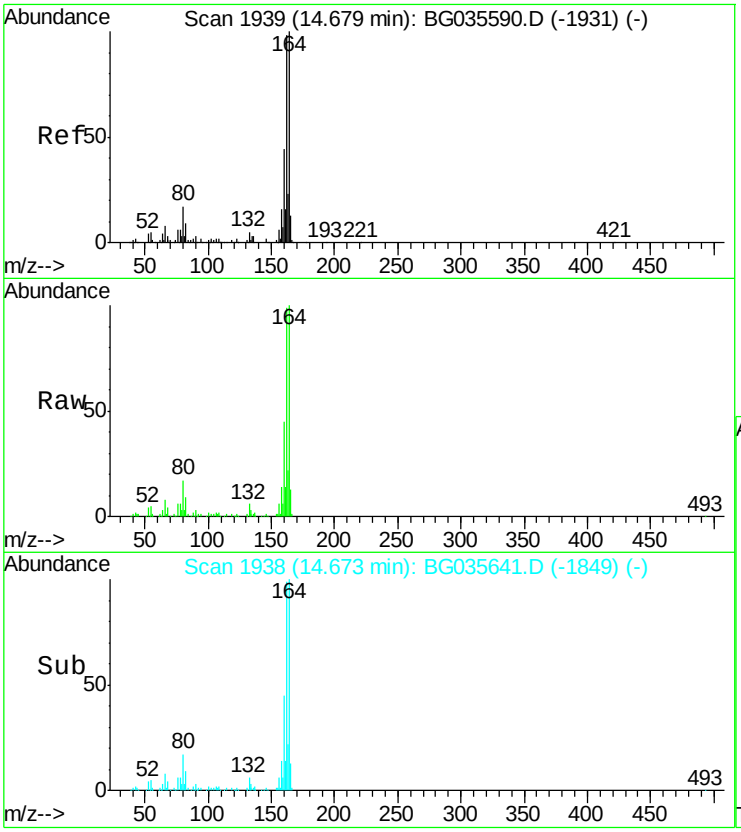


#23
Nitrobenzene-d5
Concen: 94.662 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BG035641.D
Acq: 13 Jul 2018 22:40

Tgt Ion: 82 Resp: 373229

Ion	Ratio	Lower	Upper
82	100		
128	32.7	29.7	44.5
54	43.6	43.1	64.7



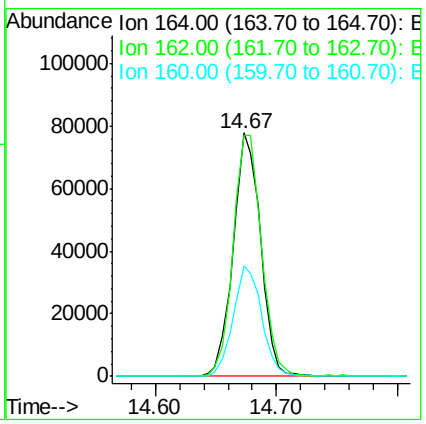


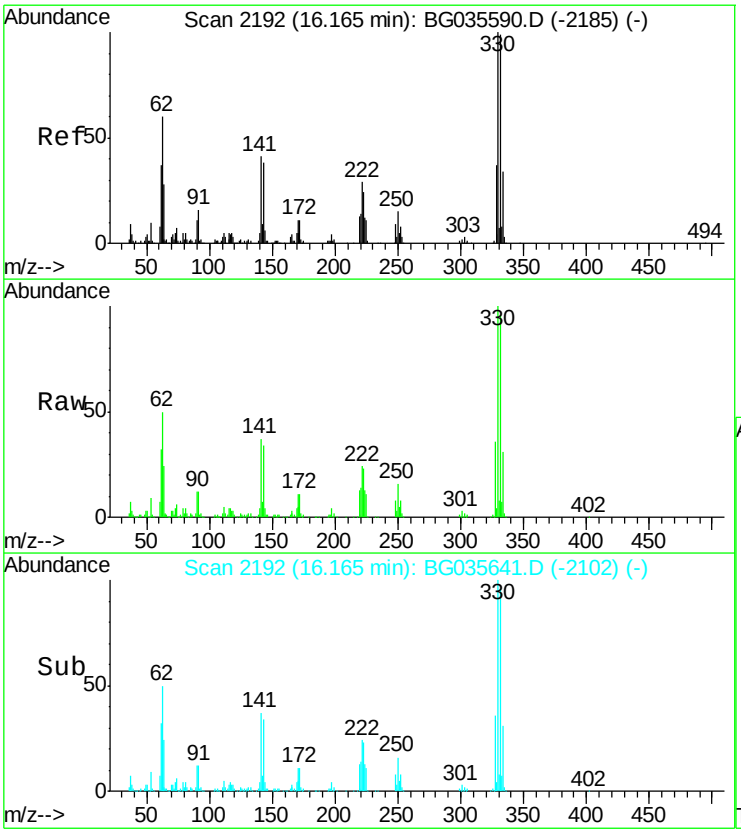
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG035641.D
Acq: 13 Jul 2018 22:40

Instrument :
BNA_G
ClientSampleId :
PB111092BL

Tgt Ion:164 Resp: 122623

Ion	Ratio	Lower	Upper
164	100		
162	99.1	78.8	118.2
160	45.3	35.4	53.0

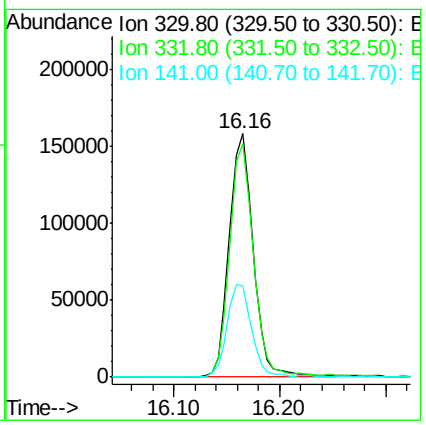


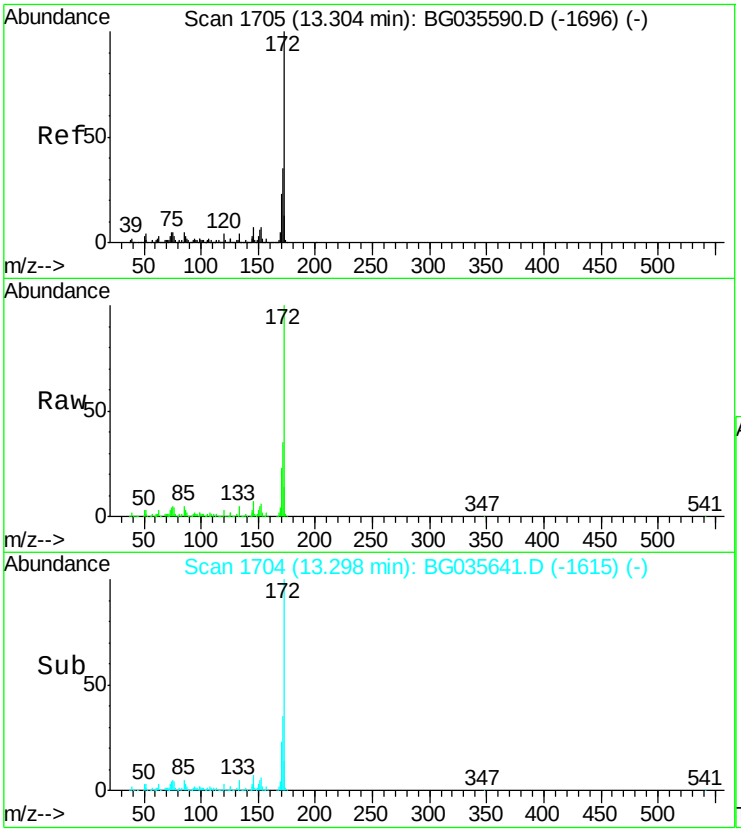


#41
2,4,6-Tribromophenol
Concen: 154.167 ng
RT: 16.16 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BG035641.D
Acq: 13 Jul 2018 22:40

Tgt Ion:330 Resp: 249173

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	38.4	25.2	37.8#



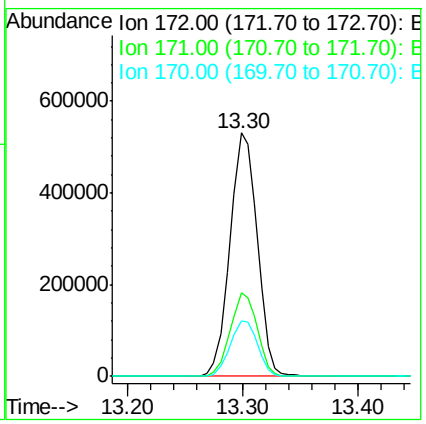


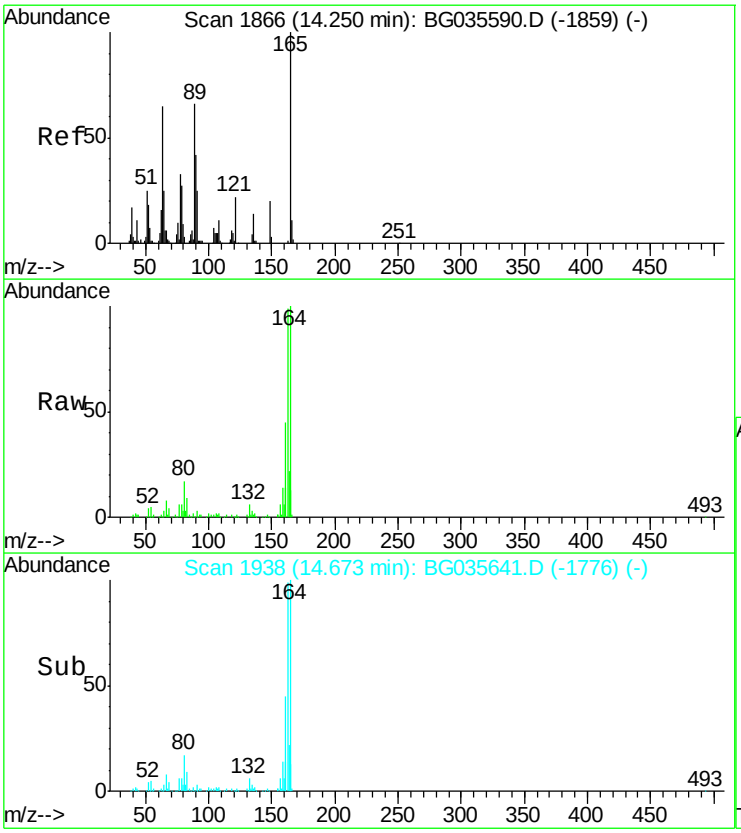
#44
2-Fluorobiphenyl
Concen: 94.743 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BG035641.D
Acq: 13 Jul 2018 22:40

Instrument :
BNA_G
ClientSampleId :
PB111092BL

Tgt Ion:172 Resp: 867162

Ion	Ratio	Lower	Upper
172	100		
171	34.5	30.0	45.0
170	22.9	19.5	29.3

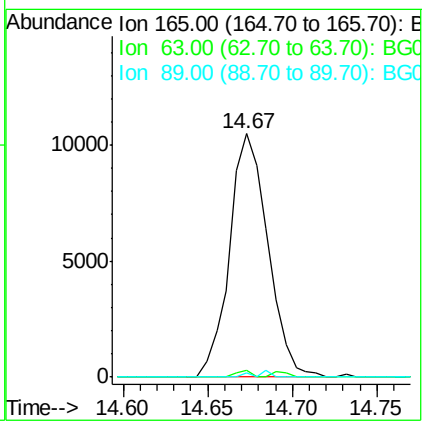


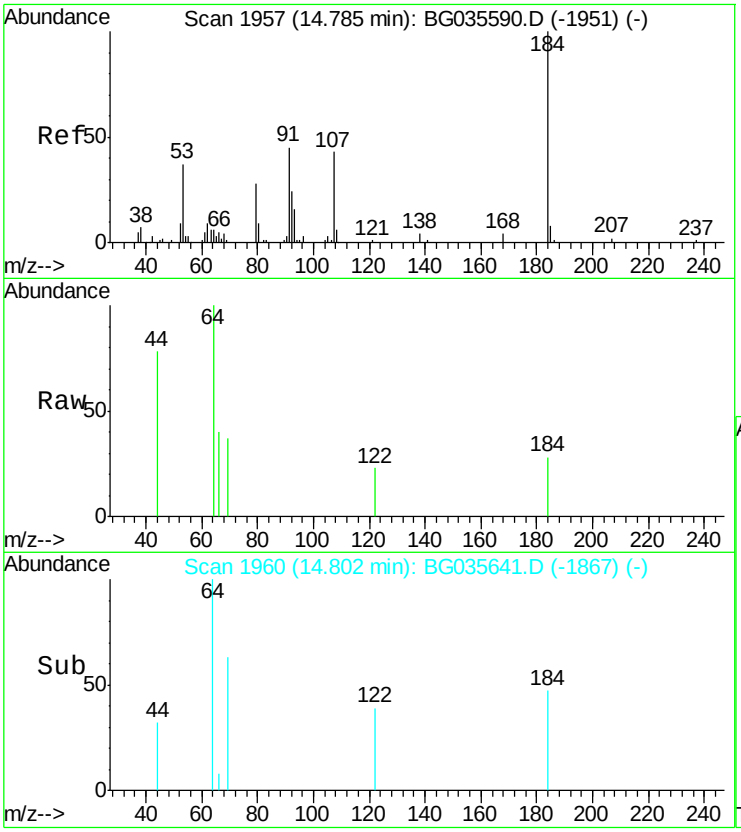


#50
2,6-Dinitrotoluene
Concen: 7.562 ng
RT: 14.67 min Scan# 1938
Delta R.T. 0.42 min
Lab File: BG035641.D
Acq: 13 Jul 2018 22:40

Tgt Ion:165 Resp: 16544

Ion	Ratio	Lower	Upper
165	100		
63	2.8	52.7	79.1#
89	1.8	49.2	73.8#



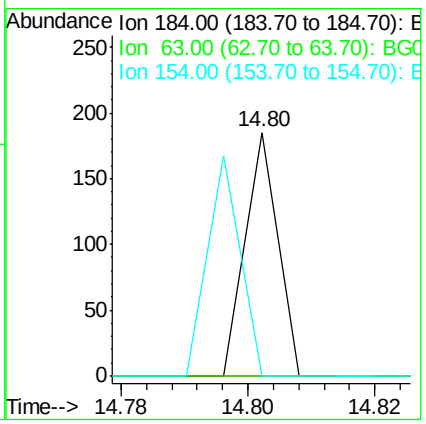


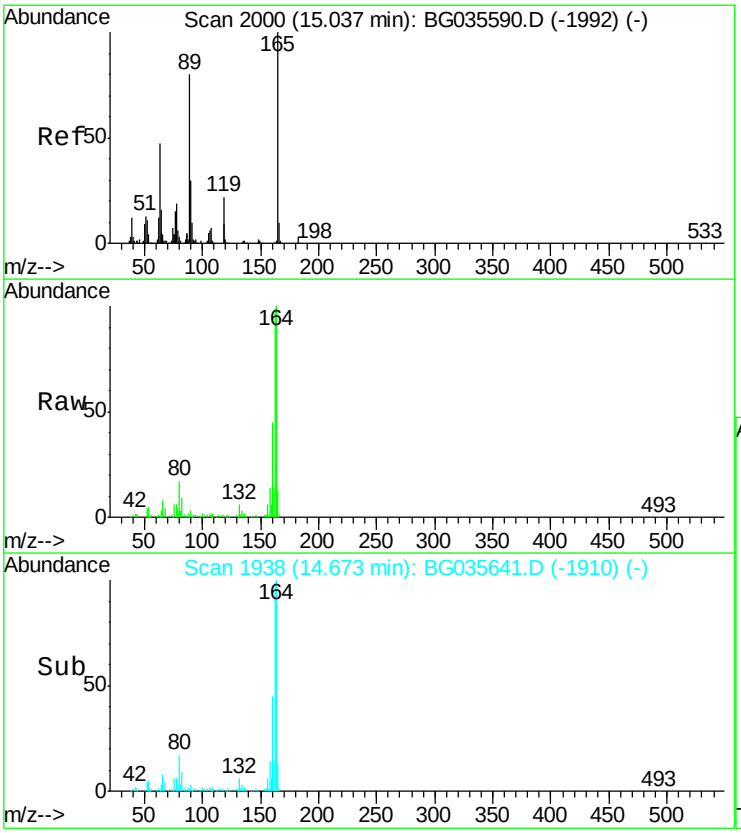
#53
2,4-Dinitrophenol
Concen: 6.635 ng
RT: 14.80 min Scan# 1960
Delta R.T. 0.02 min
Lab File: BG035641.D
Acq: 13 Jul 2018 22:40

Instrument :
BNA_G
ClientSampleId :
PB111092BL

Tgt Ion:184 Resp: 65

Ion	Ratio	Lower	Upper
184	100		
63	0.0	59.8	89.8#
154	0.0	101.8	152.8#

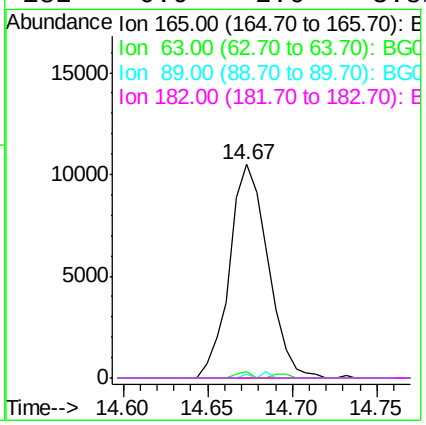


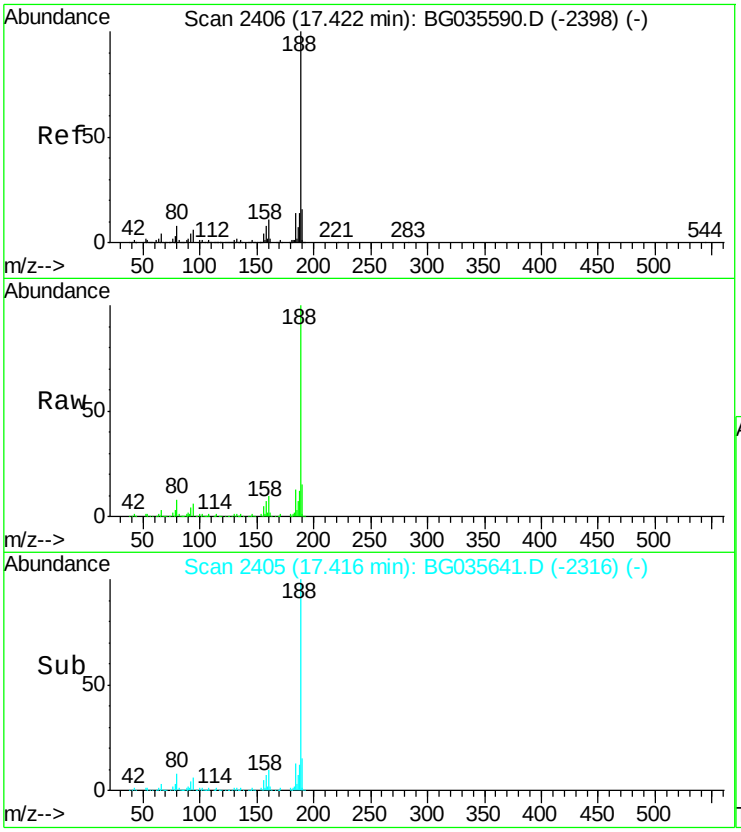


#56
2,4-Dinitrotoluene
Concen: 5.271 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.36 min
Lab File: BG035641.D
Acq: 13 Jul 2018 22:40

Tgt Ion:165 Resp: 16544

Ion	Ratio	Lower	Upper
165	100		
63	2.8	42.0	63.0#
89	1.8	66.9	100.3#
182	0.0	2.6	3.8#



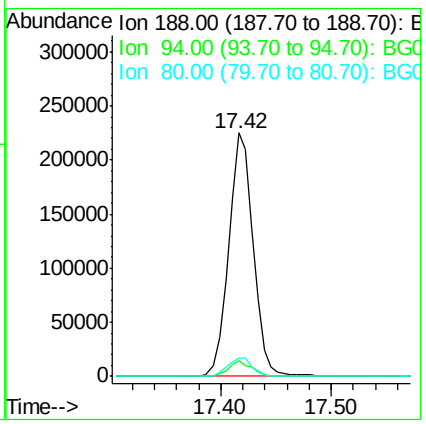


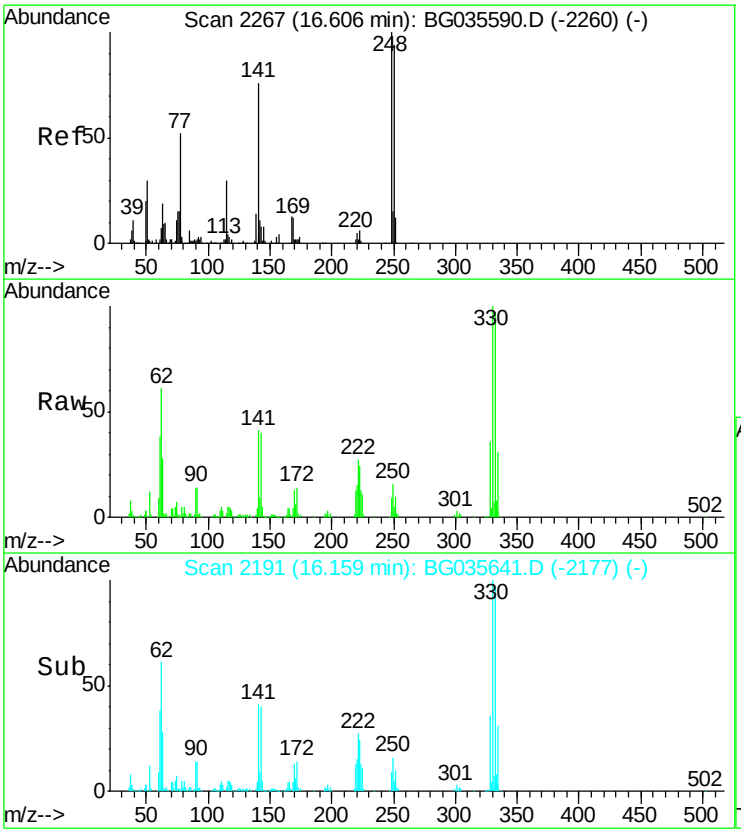
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG035641.D
Acq: 13 Jul 2018 22:40

Instrument :
BNA_G
ClientSampleId :
PB111092BL

Tgt Ion:188 Resp: 349523

Ion	Ratio	Lower	Upper
188	100		
94	6.4	6.9	10.3#
80	7.7	7.7	11.5

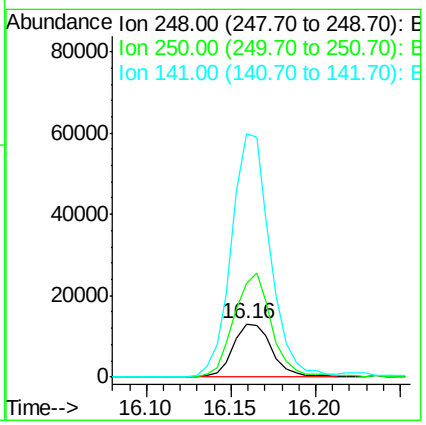


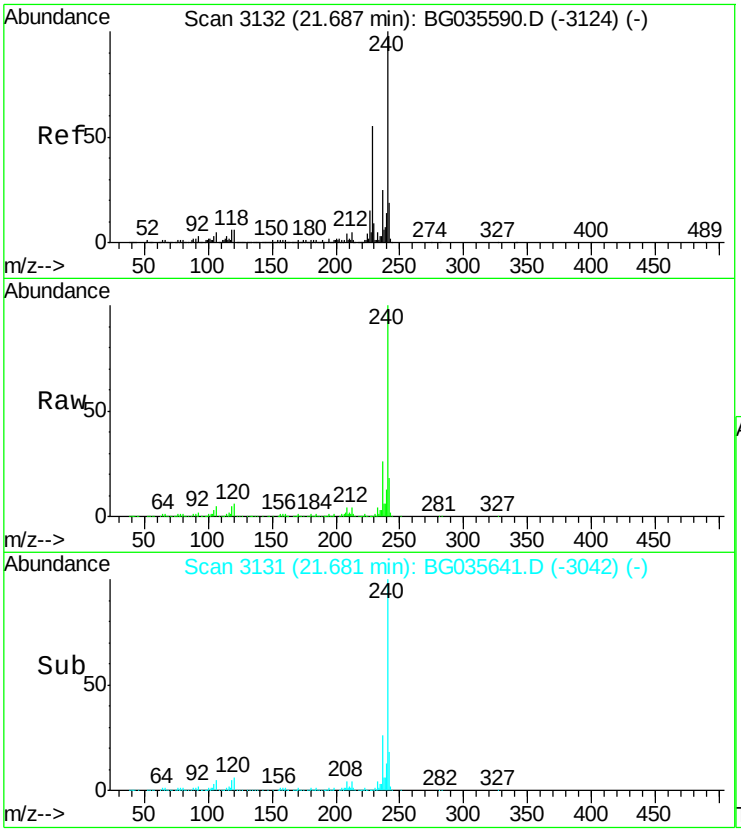


#66
4-Bromophenyl-phenylether
Concen: 5.109 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.45 min
Lab File: BG035641.D
Acq: 13 Jul 2018 22:40

Tgt Ion:248 Resp: 20717

Ion	Ratio	Lower	Upper
248	100		
250	178.6	77.1	115.7#
141	460.5	50.8	76.2#



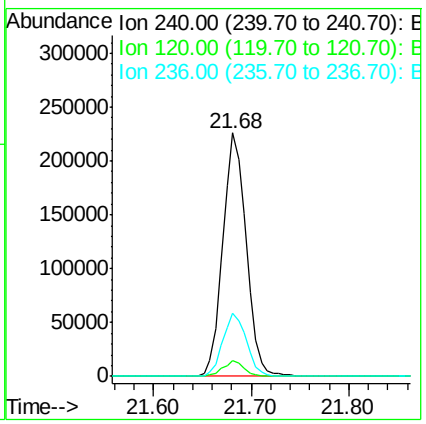


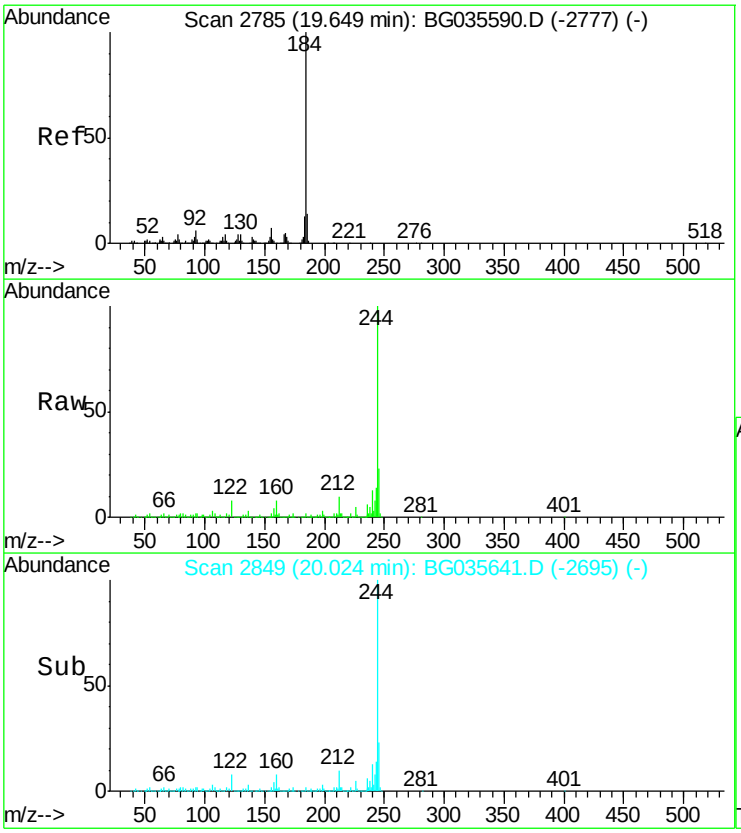
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG035641.D
Acq: 13 Jul 2018 22:40

Instrument :
BNA_G
ClientSampleId :
PB111092BL

Tgt Ion:240 Resp: 375854

Ion	Ratio	Lower	Upper
240	100		
120	6.4	6.8	10.2#
236	25.8	20.9	31.3

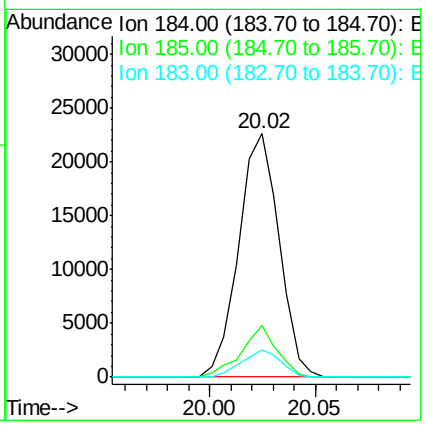


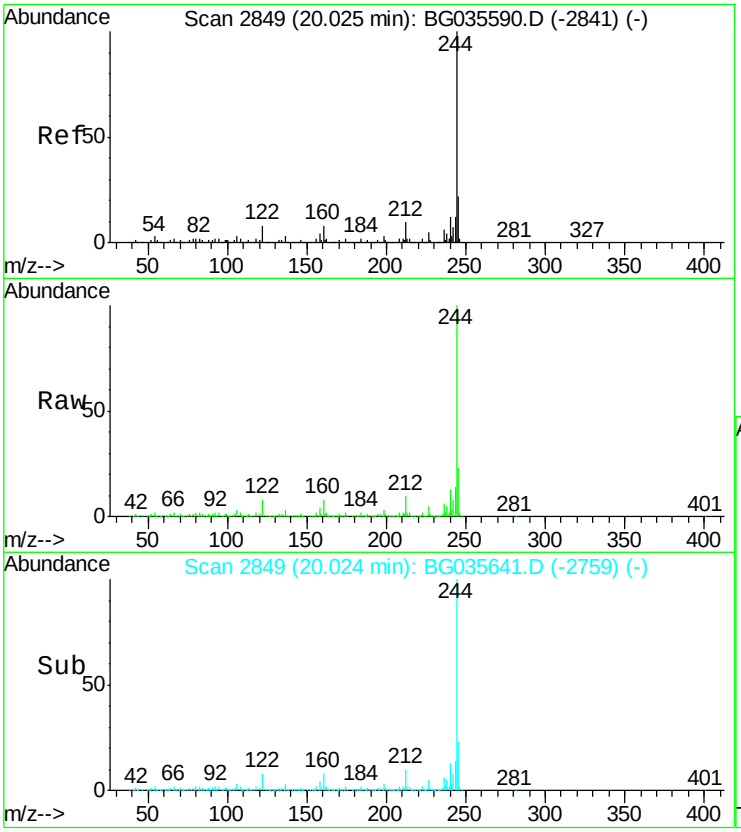


#76
Benzidine
Concen: 3.030 ng
RT: 20.02 min Scan# 2849
Delta R.T. 0.38 min
Lab File: BG035641.D
Acq: 13 Jul 2018 22:40

Tgt Ion:184 Resp: 29936

Ion	Ratio	Lower	Upper
184	100		
185	21.2	11.1	16.7#
183	11.3	10.6	16.0



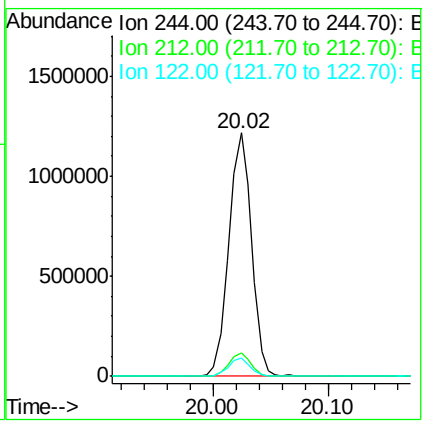


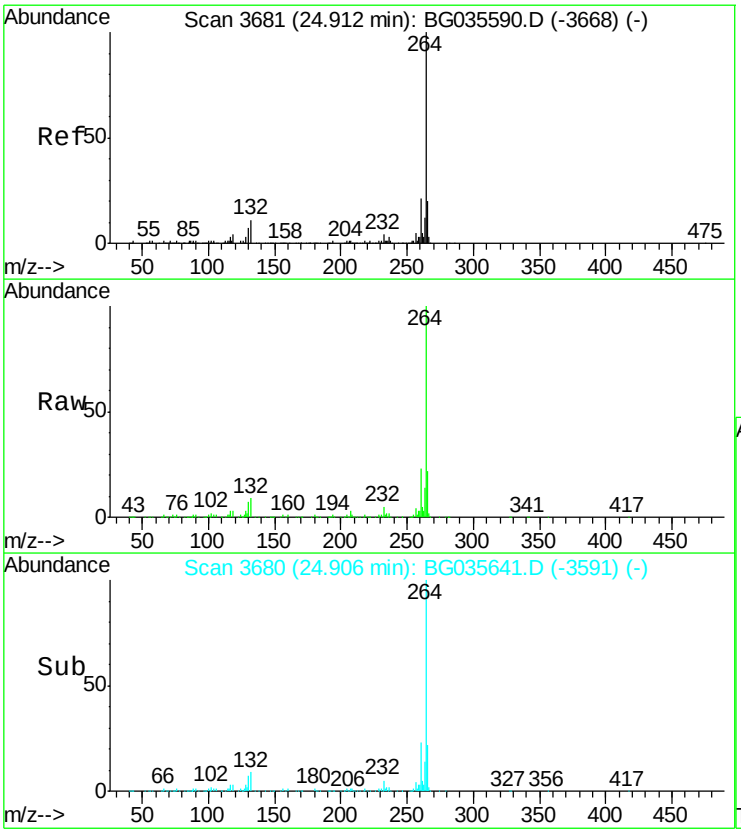
#78
Terphenyl-d14
Concen: 97.095 ng
RT: 20.02 min Scan# 2849
Delta R.T. -0.00 min
Lab File: BG035641.D
Acq: 13 Jul 2018 22:40

Instrument :
BNA_G
ClientSampleId :
PB111092BL

Tgt Ion:244 Resp: 1655565

Ion	Ratio	Lower	Upper
244	100		
212	9.8	5.8	8.8#
122	7.6	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3680
Delta R.T. -0.01 min
Lab File: BG035641.D
Acq: 13 Jul 2018 22:40

Tgt Ion:264 Resp: 349955

Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.4	26.0
265	21.5	17.7	26.5