Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071618\
Data File : BG035670.D
Acq On : 16 Jul 2018 15:20
Operator : JU/SJ
Sample : J3975-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SV30518L

Quant Time: Jul 16 16:57:25 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	53094	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	205549	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	146452	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	368983	20.00	ng	0.00
75) Chrysene-d12	21.69	240	384566	20.00	ng	0.00
86) Perylene-d12	24.90	264	374716	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	244190	76.36	ng	0.01
7) Phenol-d6	7.23	99	236220	49.51	ng	0.01
23) Nitrobenzene-d5	9.22	82	512599	104.18	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	307037	159.06	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	1157082	105.85	ng	0.00
78) Terphenyl-d14	20.03	244	1778353	101.93	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.22	70	73707	18.345	ng	# 68
49) Dimethylphthalate	14.13	163	51976	4.051	ng	# 98
51) Acenaphthene	14.74	154	26202	2.843	ng	95
53) 2,4-Dinitrophenol	14.68	184	61	6.624	ng	# 70
56) 2,4-Dinitrotoluene	14.68	165	20881	5.570	ng	# 19
66) 4-Bromophenyl-phenylether	16.16	248	26066	6.089	ng	# 1
76) Benzidine	20.03	184	34820	3.444	ng	# 93

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

Quantitation Report (Not Reviewed)

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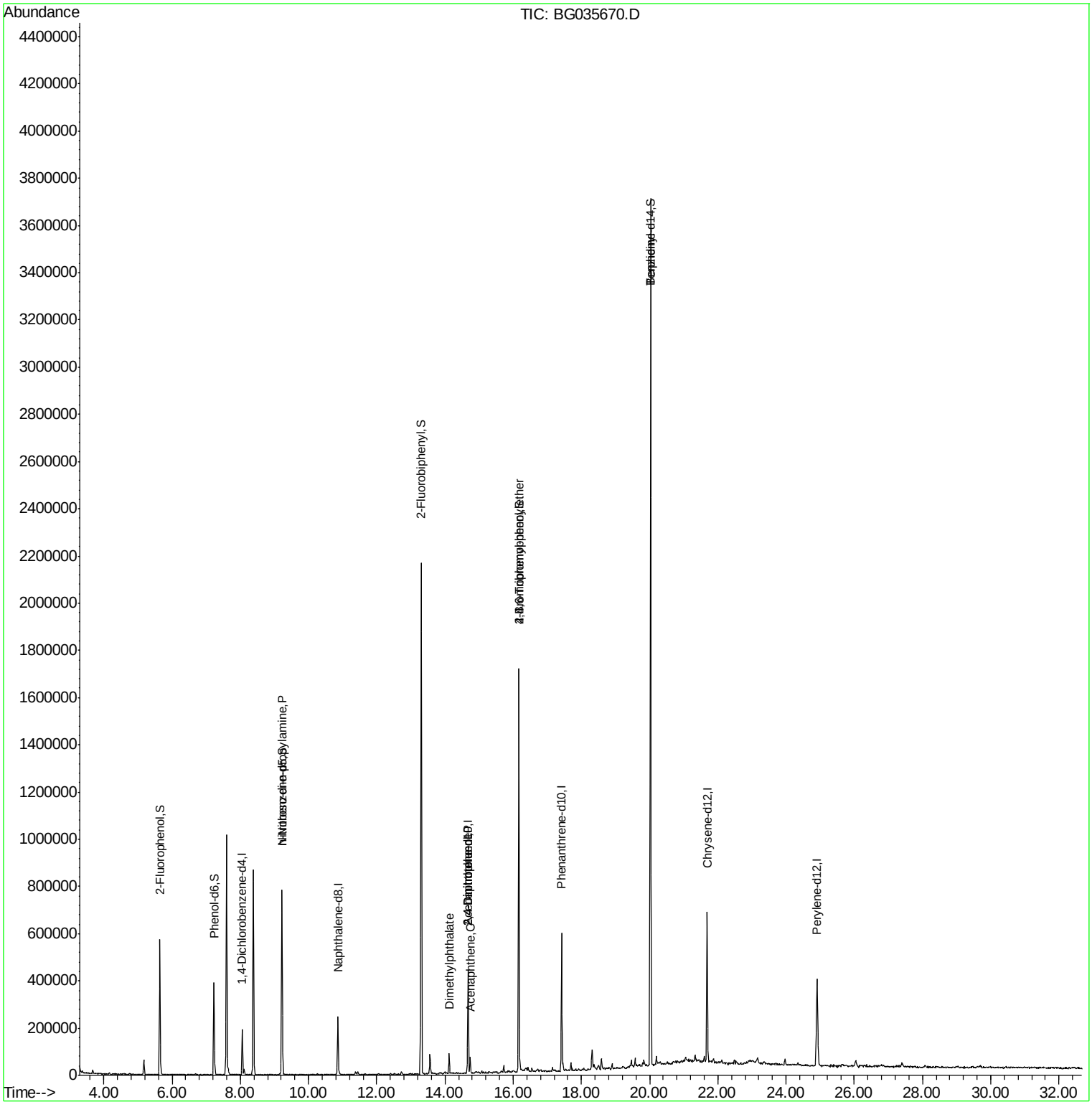
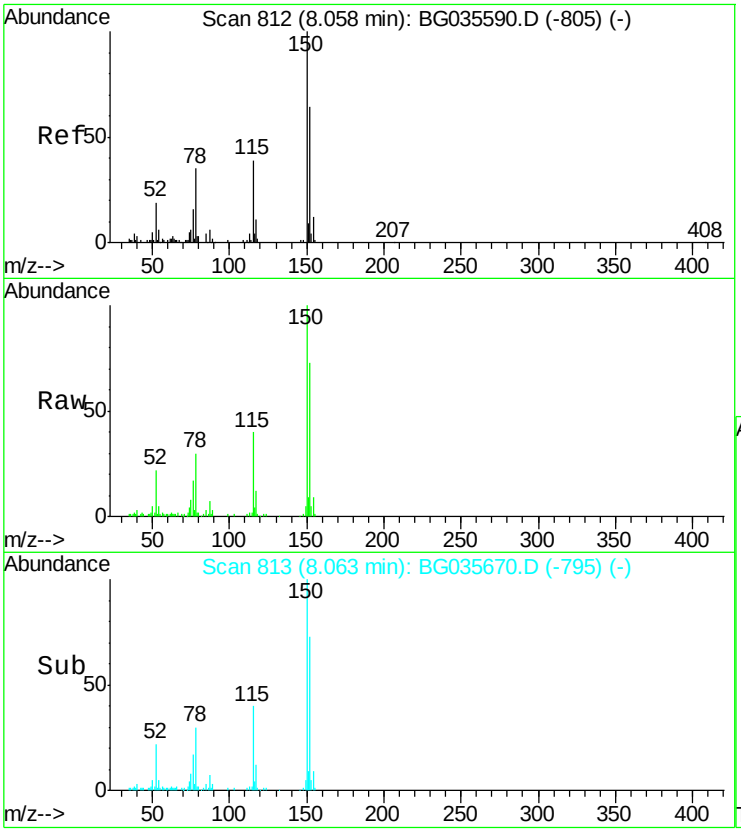
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 12 14:43:32 2018
Response via : Initial Calibration



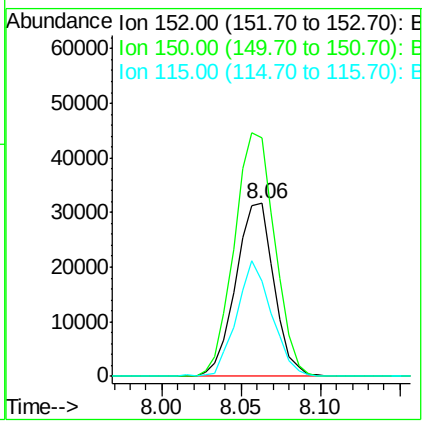


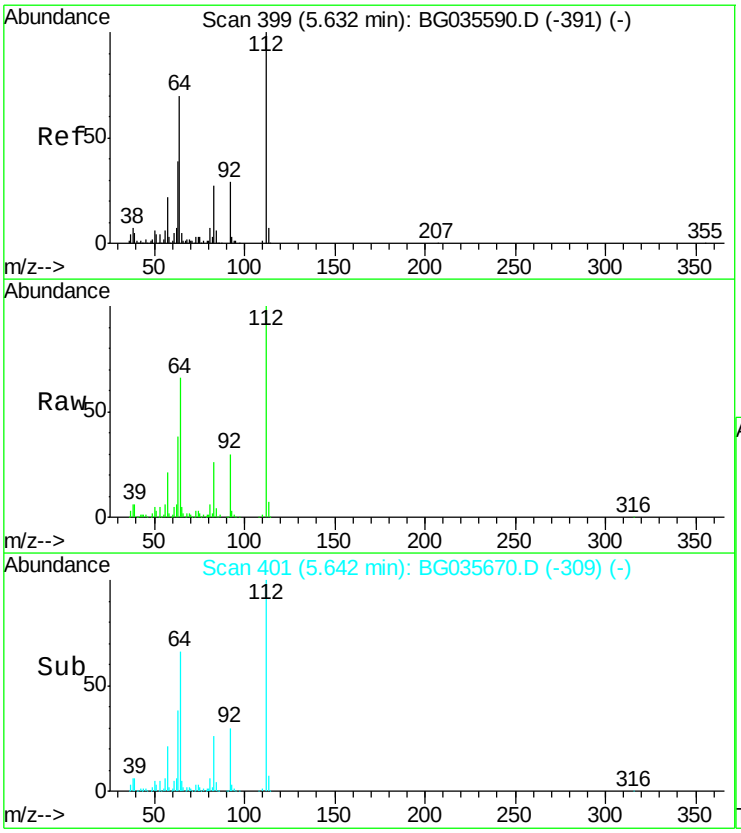
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. 0.00 min
Lab File: BG035670.D
Acq: 16 Jul 2018 15:20

Instrument :
BNA_G
ClientSampleId :
SV30518L

Tgt Ion:152 Resp: 53094

Ion	Ratio	Lower	Upper
152	100		
150	137.9	126.6	189.8
115	55.2	53.0	79.4

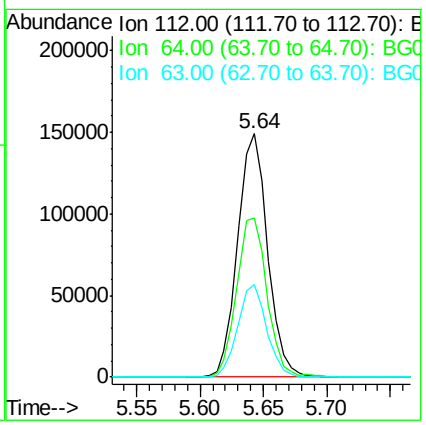


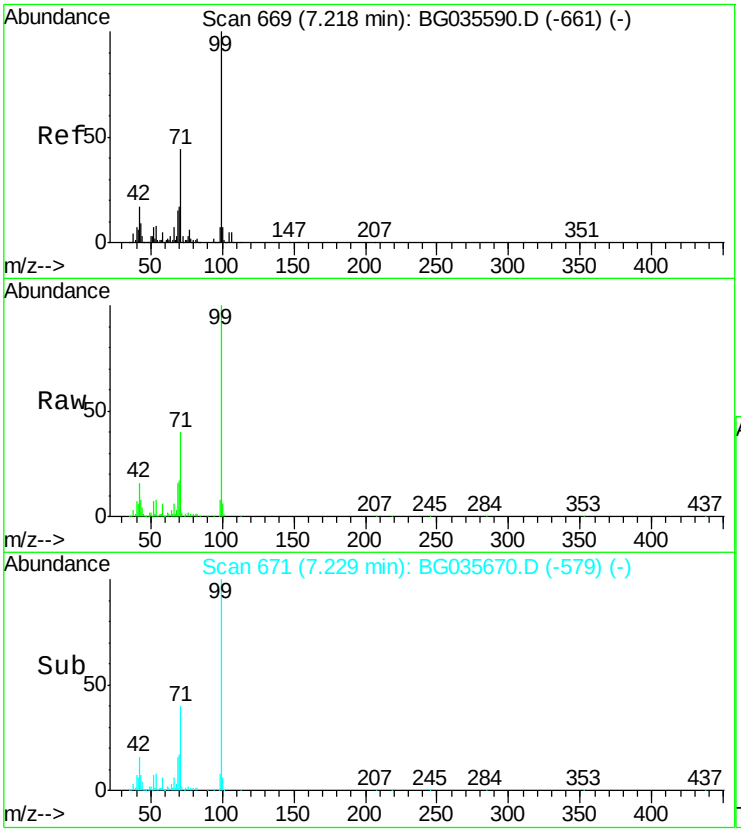


#5
2-Fluorophenol
Concen: 76.358 ng
RT: 5.64 min Scan# 401
Delta R.T. 0.01 min
Lab File: BG035670.D
Acq: 16 Jul 2018 15:20

Tgt Ion:112 Resp: 244190

Ion	Ratio	Lower	Upper
112	100		
64	65.5	56.3	84.5
63	38.2	30.1	45.1



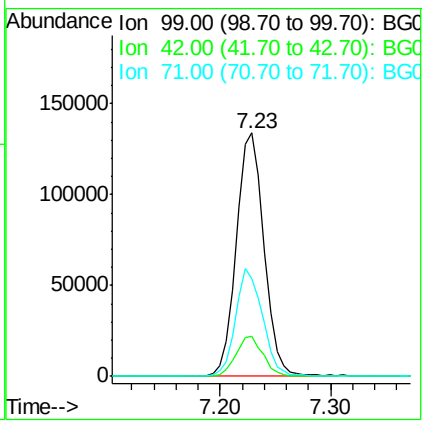


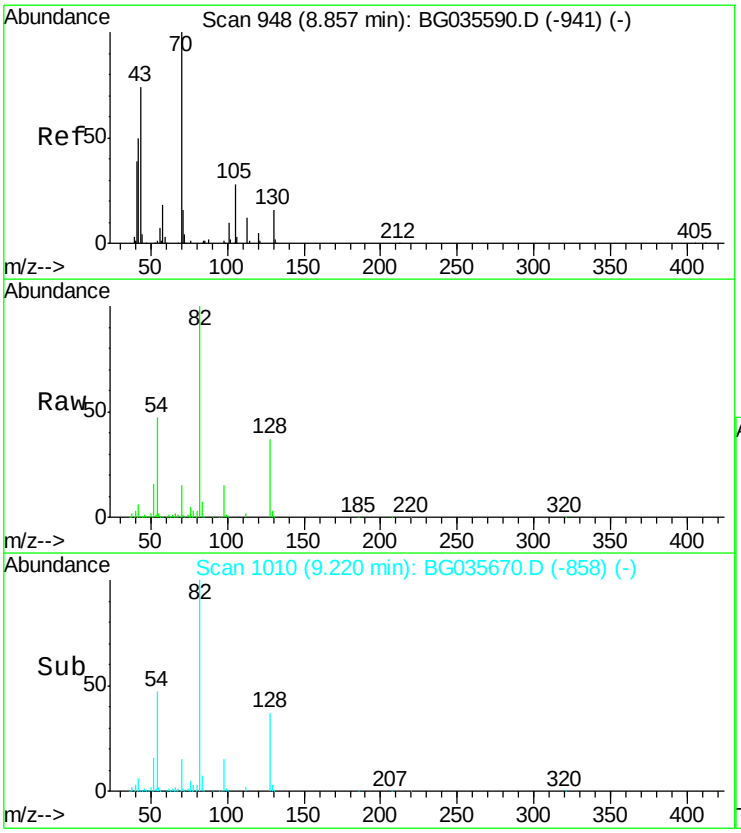
#7
Phenol-d6
Concen: 49.508 ng
RT: 7.23 min Scan# 671
Delta R.T. 0.01 min
Lab File: BG035670.D
Acq: 16 Jul 2018 15:20

Instrument :
BNA_G
ClientSampleId :
SV30518L

Tgt Ion: 99 Resp: 236220

Ion	Ratio	Lower	Upper
99	100		
42	16.2	14.1	21.1
71	40.1	26.1	39.1#

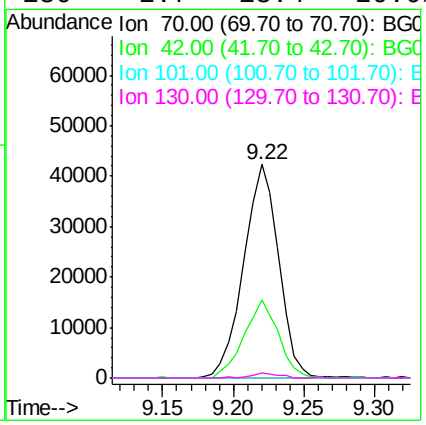


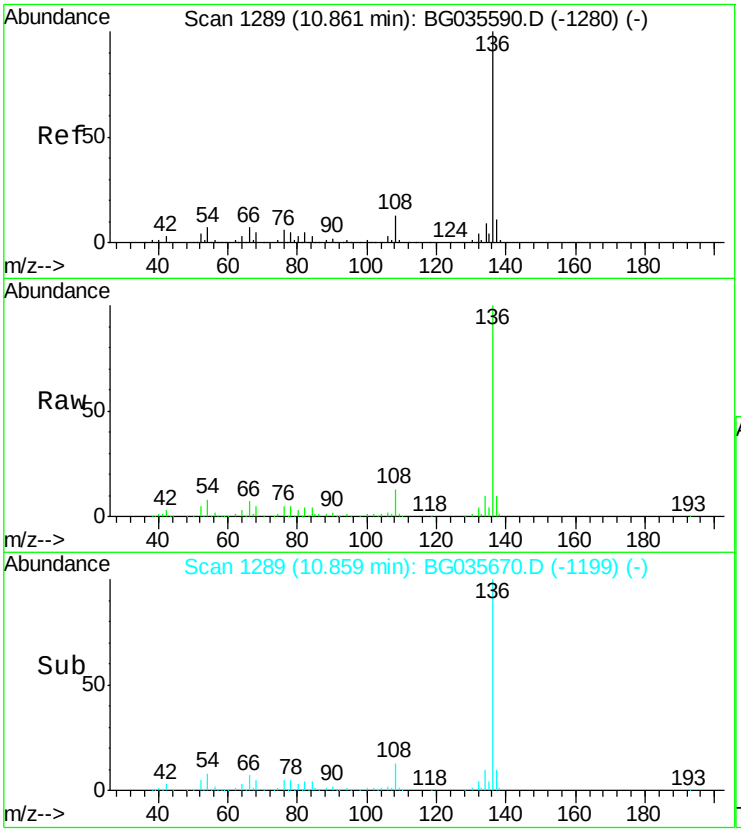


#19
n-Nitroso-di-n-propylamine
Concen: 18.345 ng
RT: 9.22 min Scan# 1010
Delta R.T. 0.36 min
Lab File: BG035670.D
Acq: 16 Jul 2018 15:20

Tgt Ion: 70 Resp: 73707

Ion	Ratio	Lower	Upper
70	100		
42	36.7	49.1	73.7#
101	0.0	8.5	12.7#
130	2.7	13.4	20.0#



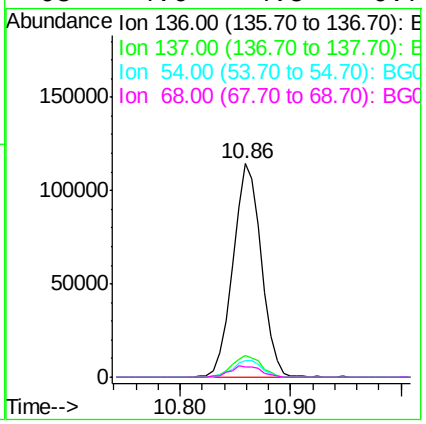


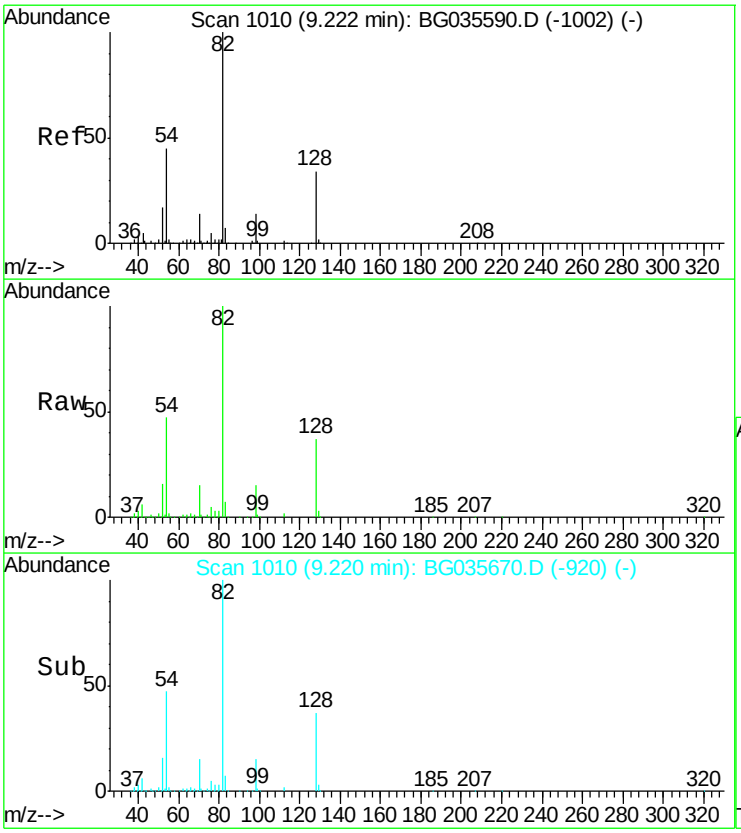
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG035670.D
Acq: 16 Jul 2018 15:20

Instrument :
BNA_G
ClientSampleId :
SV30518L

Tgt Ion:136 Resp: 205549

Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.2	13.8
54	7.6	10.3	15.5#
68	4.6	4.5	6.7

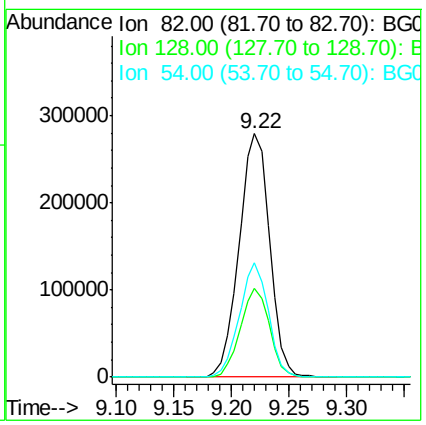


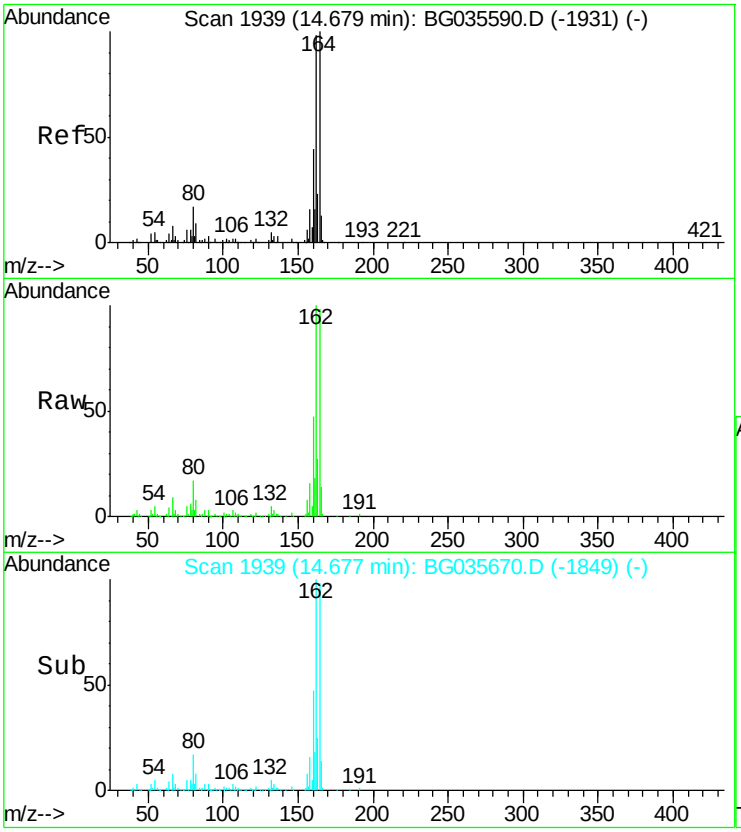


#23
Nitrobenzene-d5
Concen: 104.178 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BG035670.D
Acq: 16 Jul 2018 15:20

Tgt Ion: 82 Resp: 512599

Ion	Ratio	Lower	Upper
82	100		
128	36.5	29.7	44.5
54	46.9	43.1	64.7



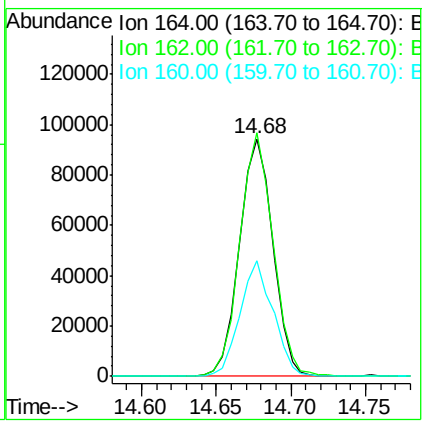


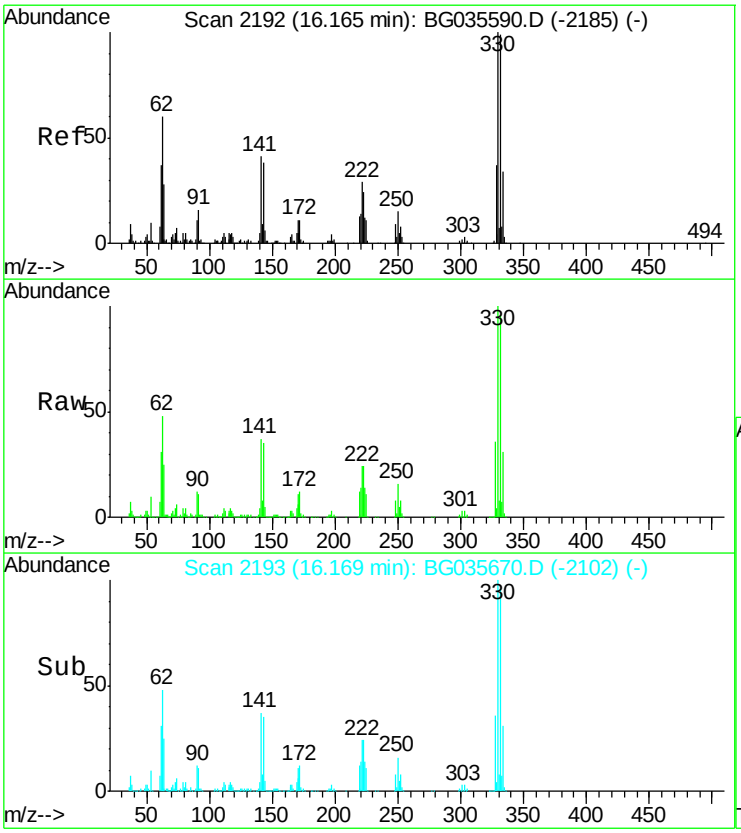
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BG035670.D
Acq: 16 Jul 2018 15:20

Instrument :
BNA_G
ClientSampleId :
SV30518L

Tgt Ion:164 Resp: 146452

Ion	Ratio	Lower	Upper
164	100		
162	102.4	78.8	118.2
160	48.6	35.4	53.0

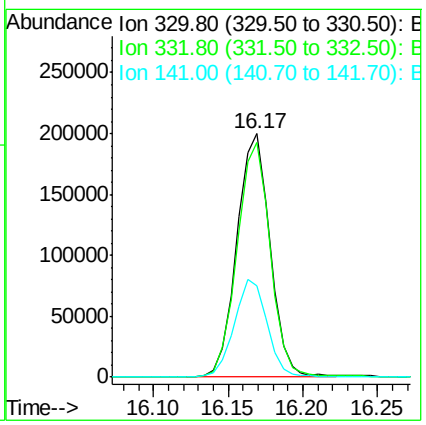


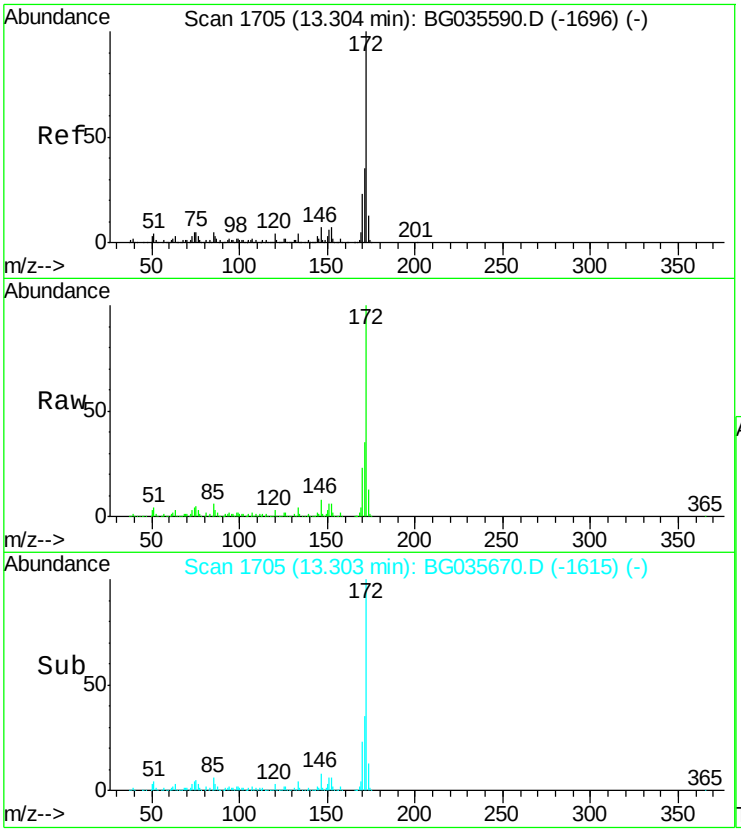


#41
2,4,6-Tribromophenol
Concen: 159.059 ng
RT: 16.17 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BG035670.D
Acq: 16 Jul 2018 15:20

Tgt Ion:330 Resp: 307037

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	40.0	25.2	37.8#



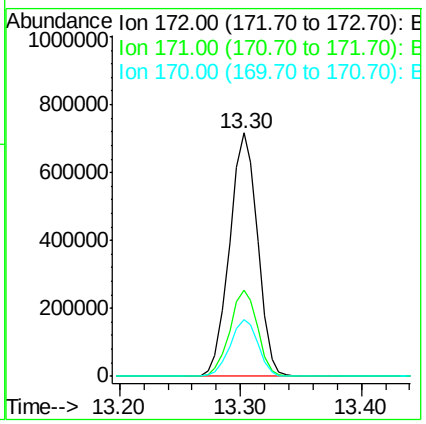


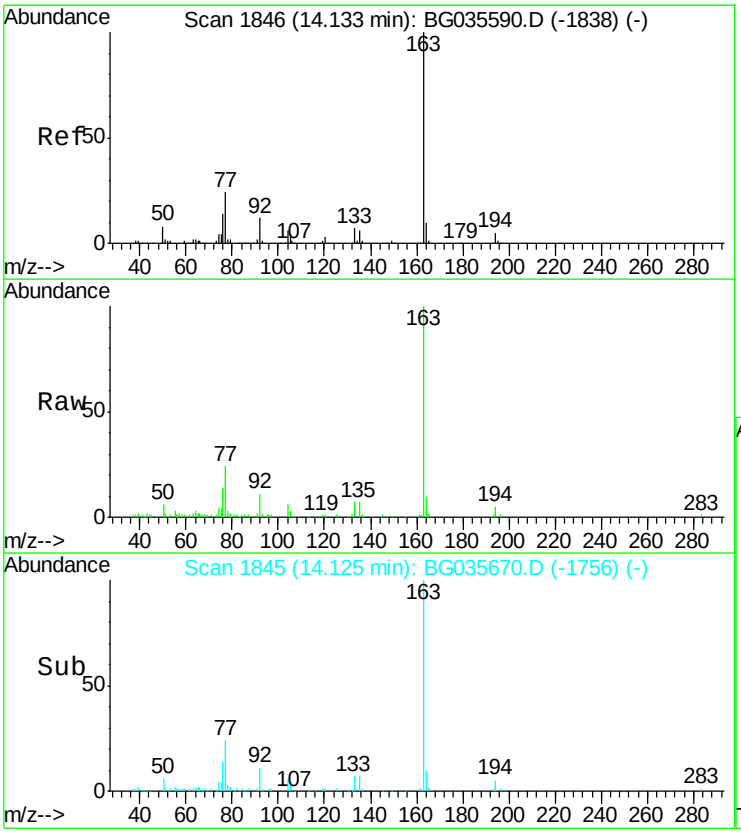
#44
2-Fluorobiphenyl
Concen: 105.850 ng
RT: 13.30 min Scan# 1705
Delta R.T. -0.00 min
Lab File: BG035670.D
Acq: 16 Jul 2018 15:20

Instrument :
BNA_G
ClientSampleId :
SV30518L

Tgt Ion:172 Resp: 1157082

Ion	Ratio	Lower	Upper
172	100		
171	35.3	30.0	45.0
170	23.4	19.5	29.3

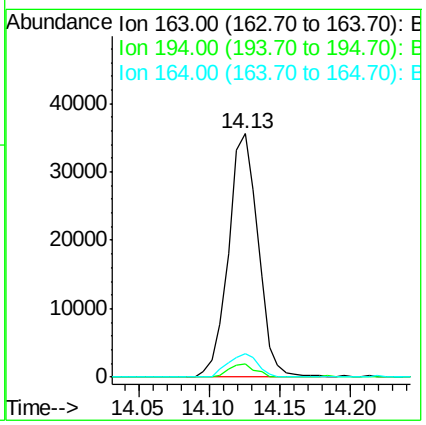


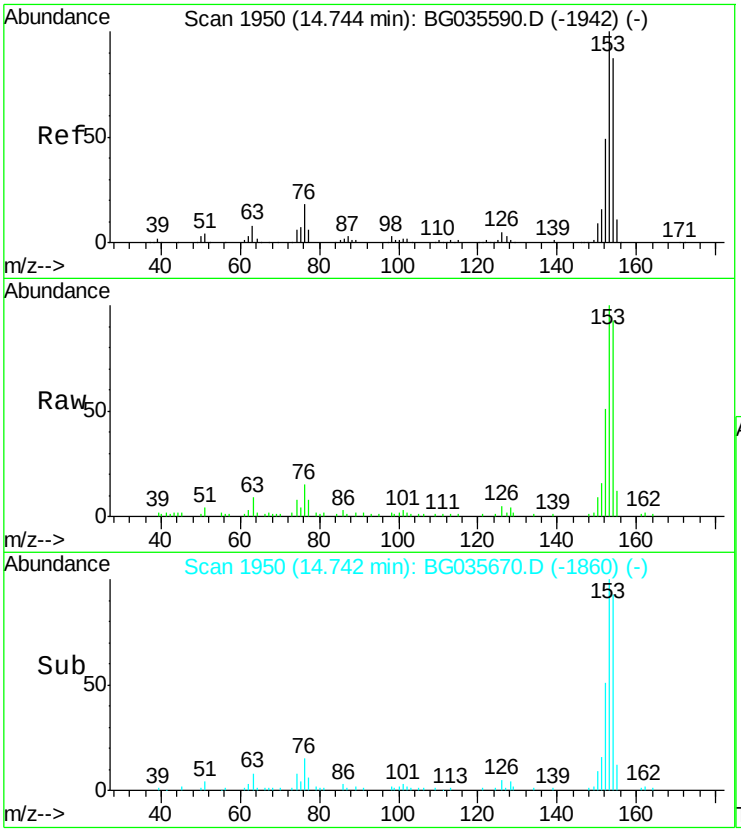


#49
Dimethylphthalate
Concen: 4.051 ng
RT: 14.13 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BG035670.D
Acq: 16 Jul 2018 15:20

Tgt Ion:163 Resp: 51976

Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.4	5.2#
164	9.8	8.2	12.4



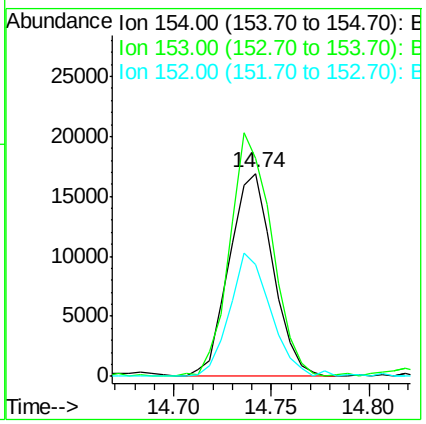


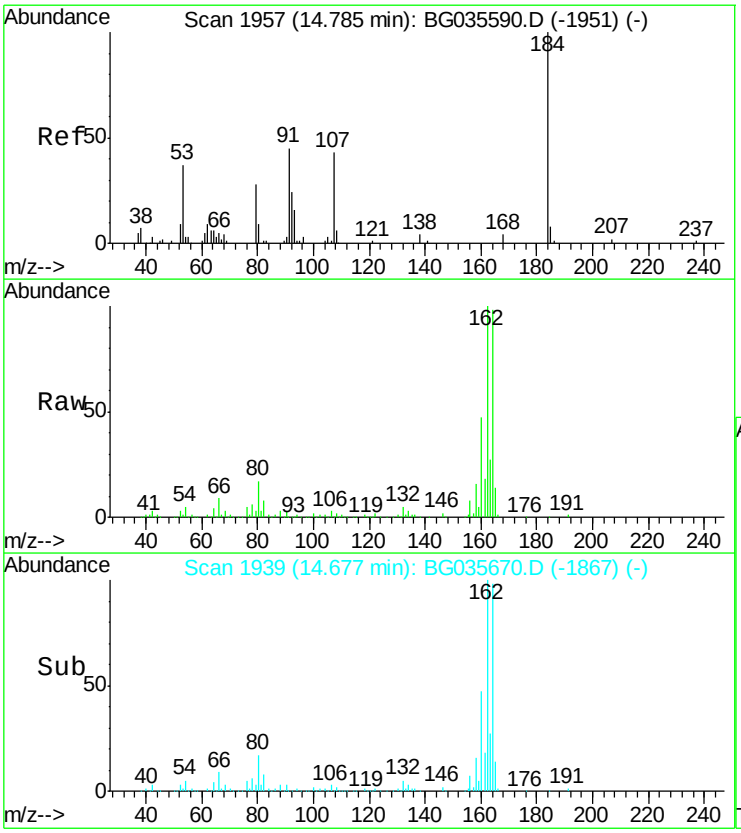
#51
Acenaphthene
Concen: 2.843 ng
RT: 14.74 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BG035670.D
Acq: 16 Jul 2018 15:20

Instrument :
BNA_G
ClientSampleId :
SV30518L

Tgt Ion:154 Resp: 26202

Ion	Ratio	Lower	Upper
154	100		
153	107.5	90.4	135.6
152	55.1	41.6	62.4

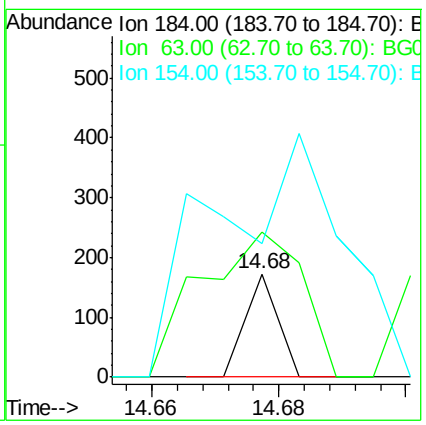


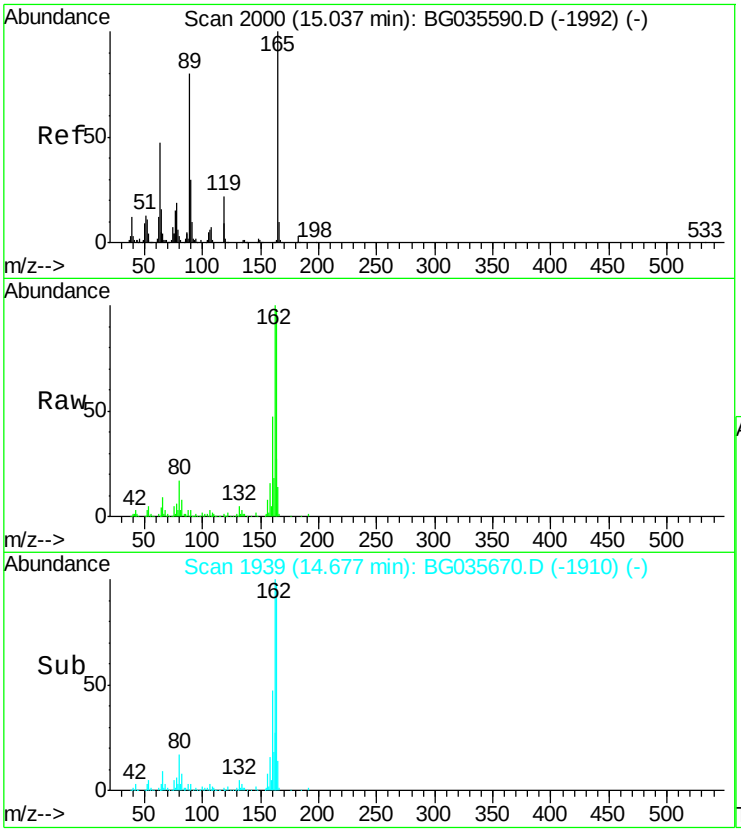


#53
2,4-Dinitrophenol
Concen: 6.624 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.11 min
Lab File: BG035670.D
Acq: 16 Jul 2018 15:20

Tgt Ion:184 Resp: 61

Ion	Ratio	Lower	Upper
184	100		
63	140.5	59.8	89.8#
154	129.5	101.8	152.8



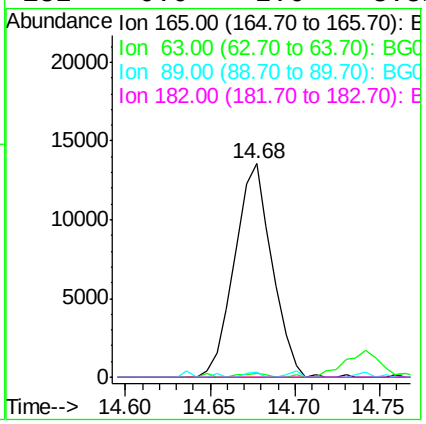


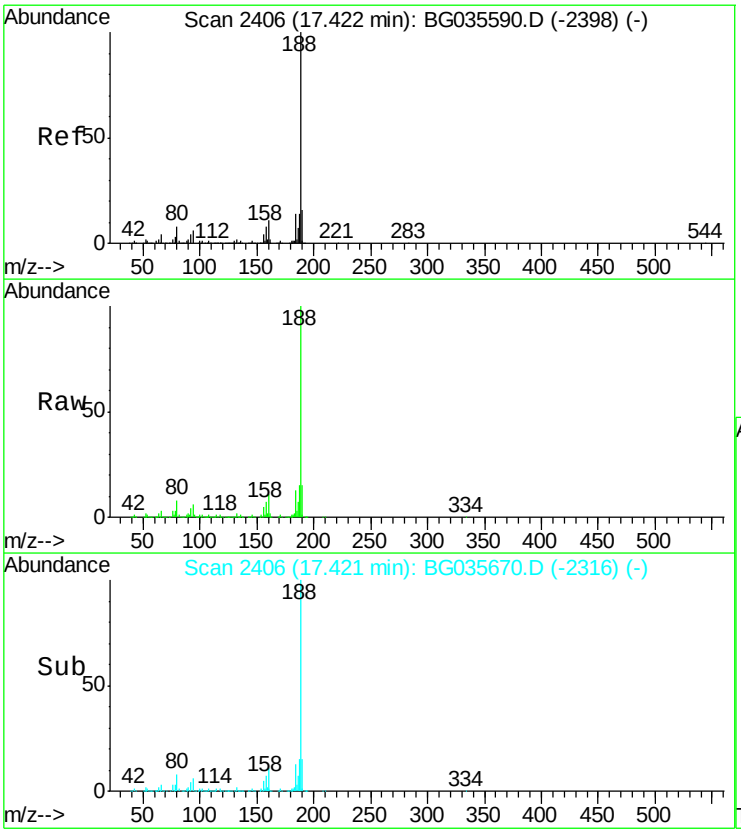
#56
2,4-Dinitrotoluene
Concen: 5.570 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.36 min
Lab File: BG035670.D
Acq: 16 Jul 2018 15:20

Instrument :
BNA_G
ClientSampleId :
SV30518L

Tgt Ion:165 Resp: 20881

Ion	Ratio	Lower	Upper
165	100		
63	1.8	42.0	63.0#
89	2.3	66.9	100.3#
182	0.0	2.6	3.8#

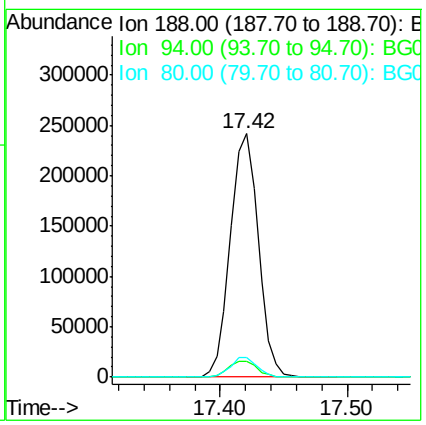


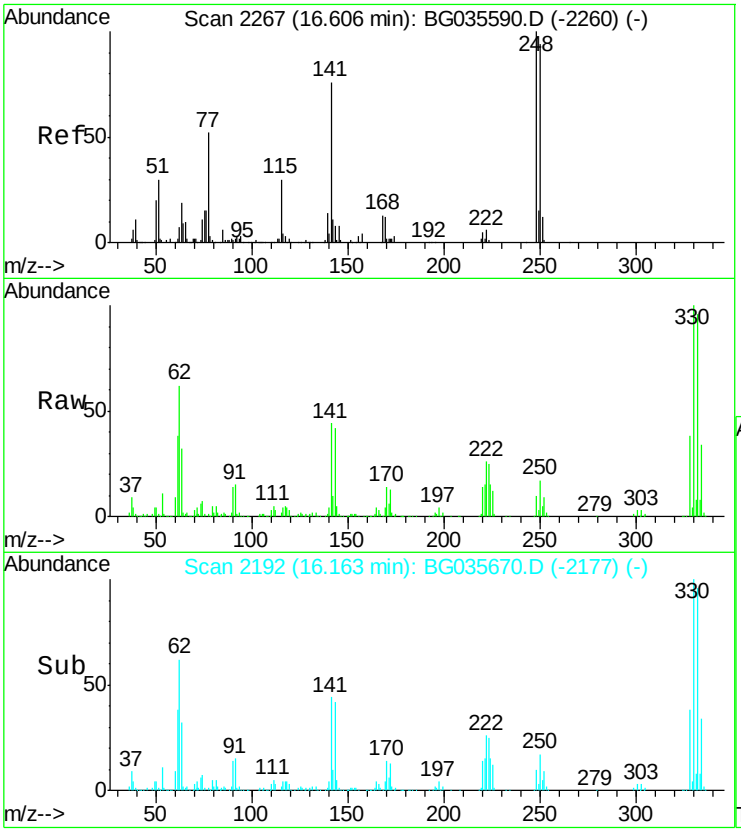


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.00 min
Lab File: BG035670.D
Acq: 16 Jul 2018 15:20

Tgt Ion:188 Resp: 368983

Ion	Ratio	Lower	Upper
188	100		
94	6.4	6.9	10.3#
80	8.0	7.7	11.5



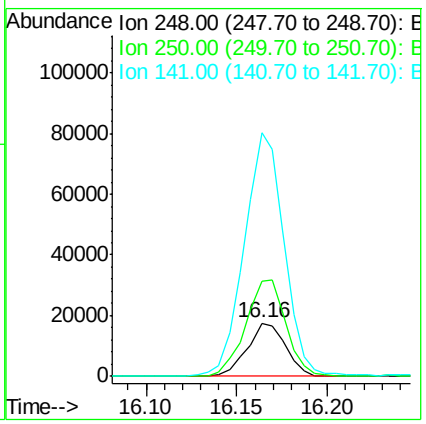


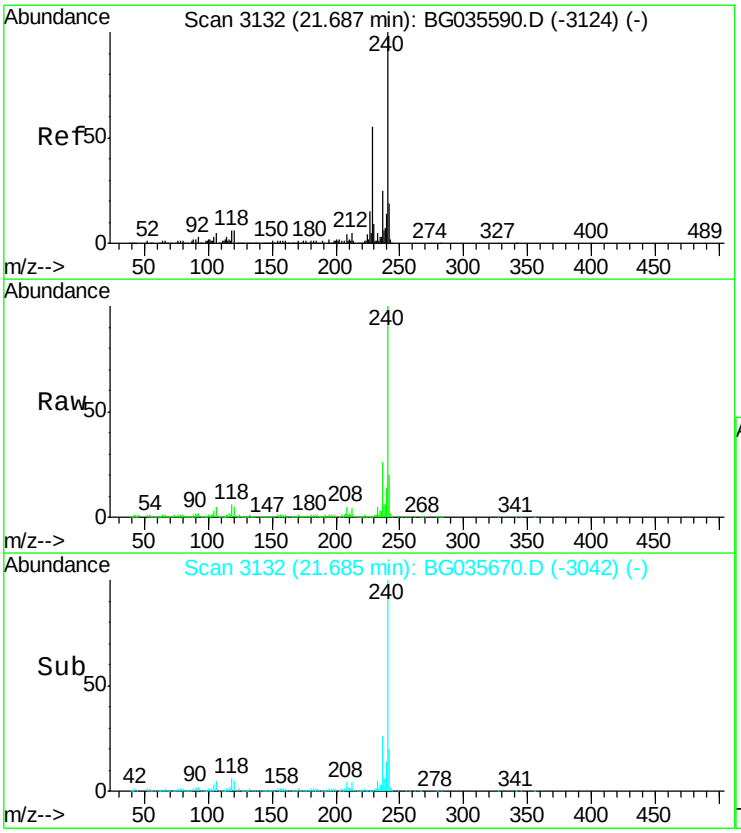
#66
4-Bromophenyl-phenylether
Concen: 6.089 ng
RT: 16.16 min Scan# 2192
Delta R.T. -0.44 min
Lab File: BG035670.D
Acq: 16 Jul 2018 15:20

Instrument :
BNA_G
ClientSampleId :
SV30518L

Tgt Ion:248 Resp: 26066

Ion	Ratio	Lower	Upper
248	100		
250	178.9	77.1	115.7#
141	456.6	50.8	76.2#

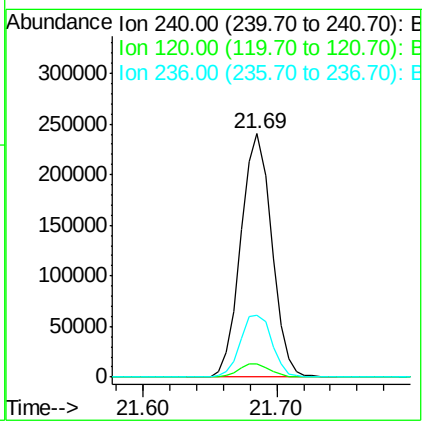


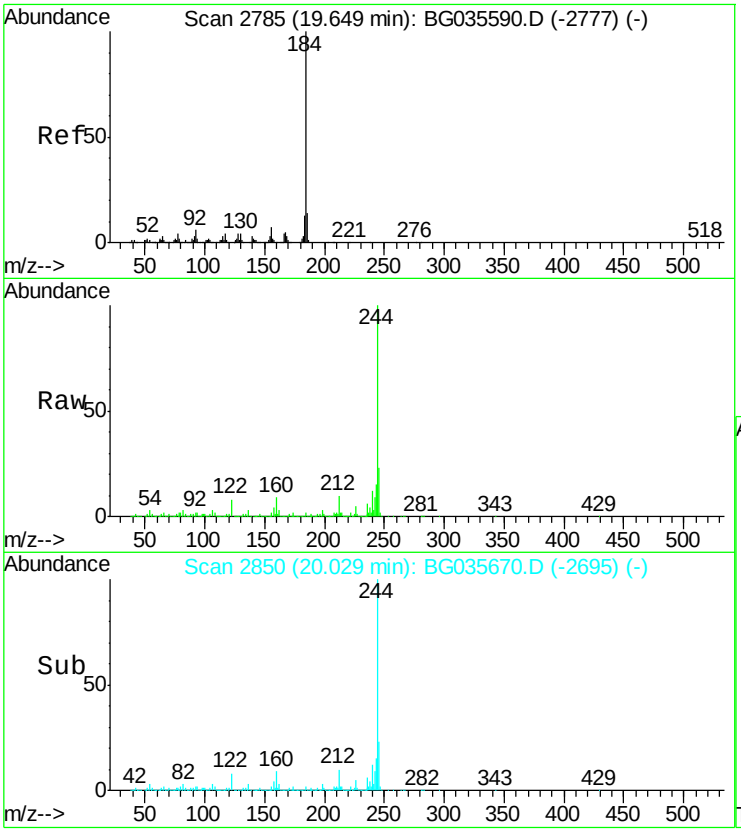


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.00 min
Lab File: BG035670.D
Acq: 16 Jul 2018 15:20

Tgt Ion:240 Resp: 384566

Ion	Ratio	Lower	Upper
240	100		
120	5.3	6.8	10.2#
236	25.6	20.9	31.3



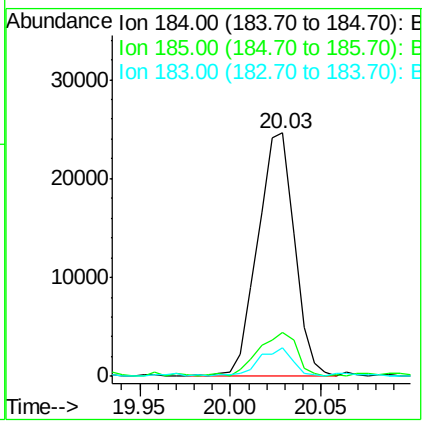


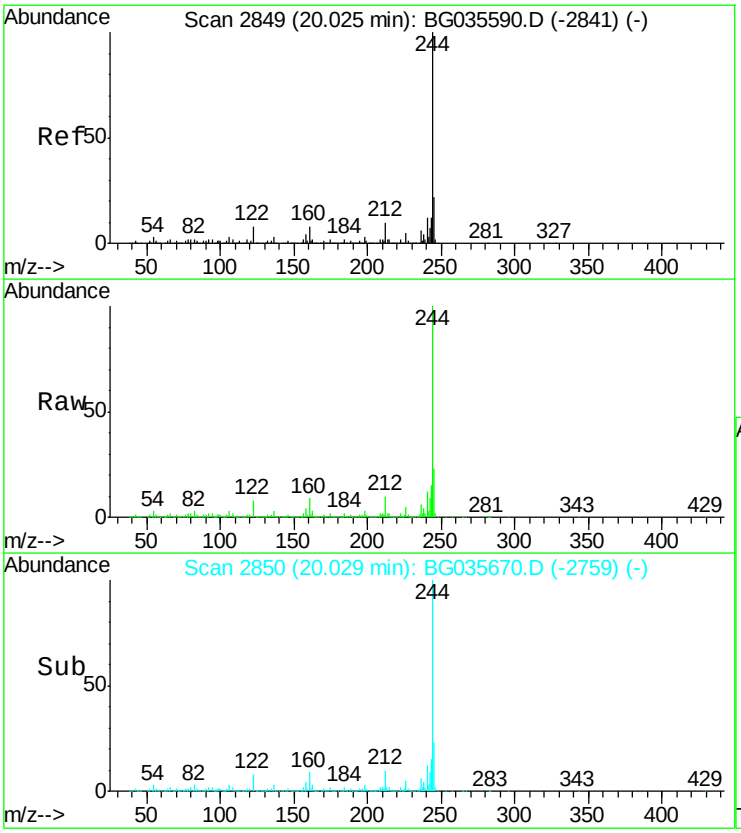
#76
Benzidine
Concen: 3.444 ng
RT: 20.03 min Scan# 2850
Delta R.T. 0.38 min
Lab File: BG035670.D
Acq: 16 Jul 2018 15:20

Instrument :
BNA_G
ClientSampleId :
SV30518L

Tgt Ion:184 Resp: 34820

Ion	Ratio	Lower	Upper
184	100		
185	18.1	11.1	16.7#
183	11.6	10.6	16.0

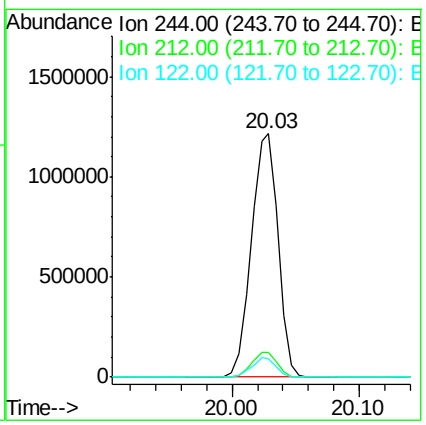


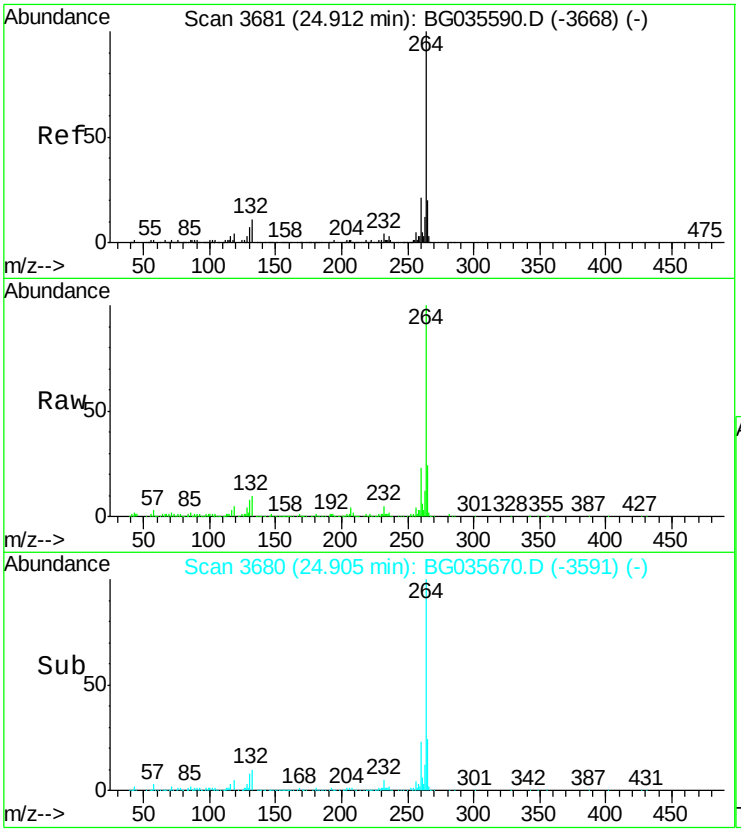


#78
Terphenyl-d14
Concen: 101.934 ng
RT: 20.03 min Scan# 2850
Delta R.T. 0.00 min
Lab File: BG035670.D
Acq: 16 Jul 2018 15:20

Tgt Ion:244 Resp: 1778353

Ion	Ratio	Lower	Upper
244	100		
212	10.1	5.8	8.8#
122	7.7	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3680
Delta R.T. -0.01 min
Lab File: BG035670.D
Acq: 16 Jul 2018 15:20

Instrument :
BNA_G
ClientSampleId :
SV30518L

Tgt Ion:264 Resp: 374716

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.0
265	23.6	17.7	26.5