Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG073018\
Data File : BG035971.D
Acq On : 30 Jul 2018 11:48
Operator : JU/SJ
Sample : PB111535TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB111535TB

Quant Time: Jul 30 13:03:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 25 11:04:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	37164	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	133740	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	102779	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	291072	20.00	ng	0.00
75) Chrysene-d12	21.65	240	323546	20.00	ng	0.00
86) Perylene-d12	24.85	264	303647	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	280406	125.27	ng	0.00
7) Phenol-d6	7.19	99	409912	122.74	ng	0.00
23) Nitrobenzene-d5	9.19	82	262864	82.11	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	171573	126.65	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	648442	84.53	ng	0.00
78) Terphenyl-d14	20.00	244	1328258	90.49	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.19	70	36027	12.810	ng	# 71
50) 2,6-Dinitrotoluene	14.65	165	13603	7.418	ng	# 22
56) 2,4-Dinitrotoluene	14.65	165	13603	5.171	ng	# 20
76) Benzidine	19.99	184	22693	2.668	ng	# 90

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

Quantitation Report (Not Reviewed)

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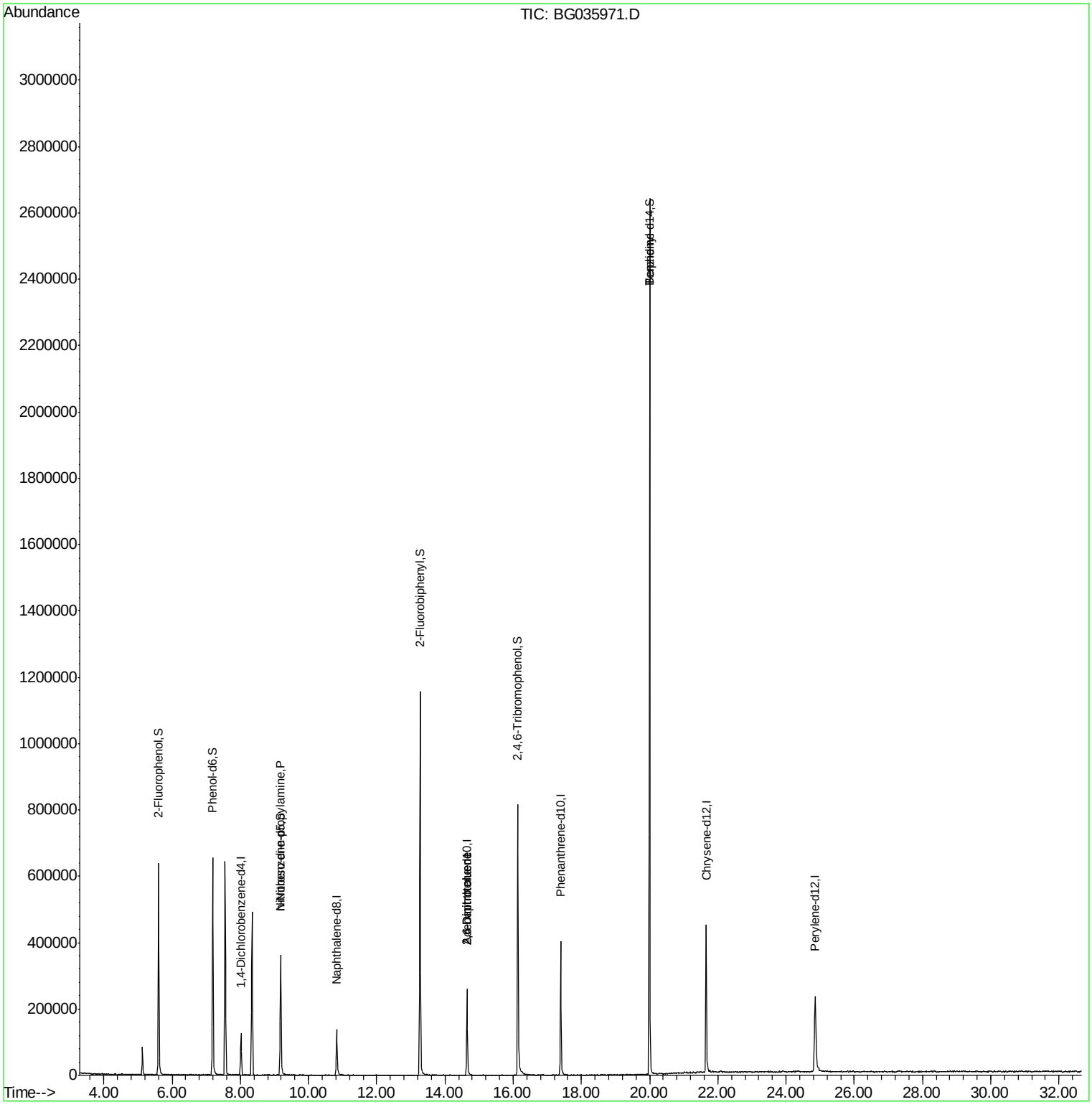
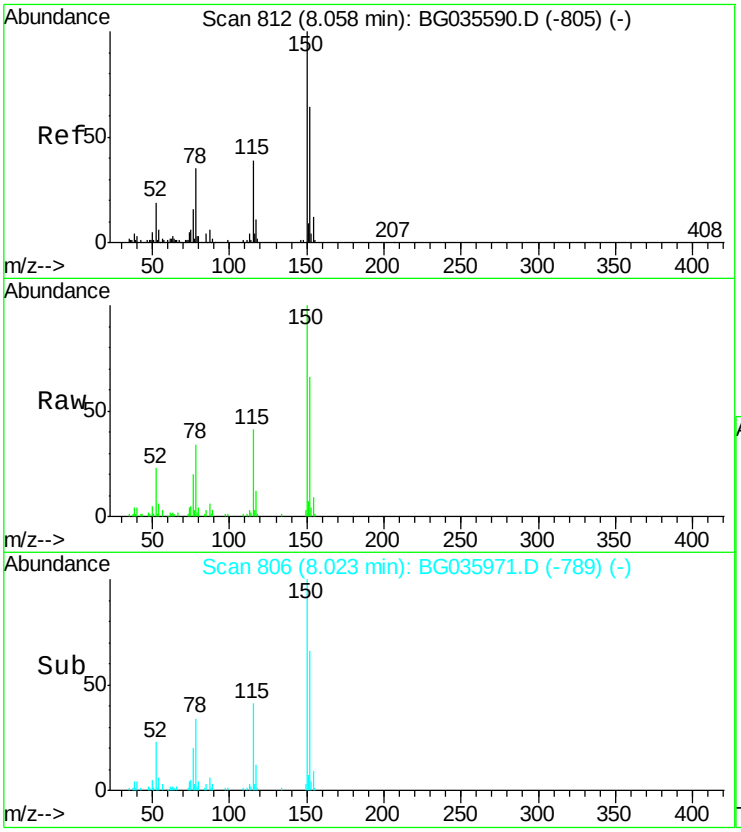


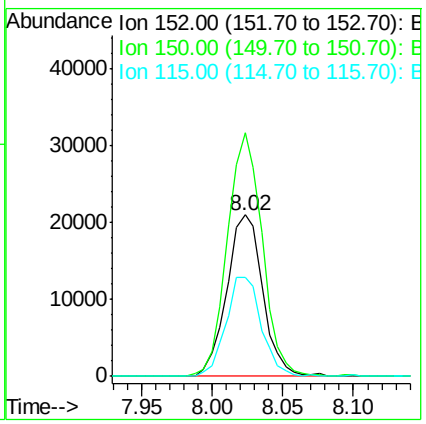


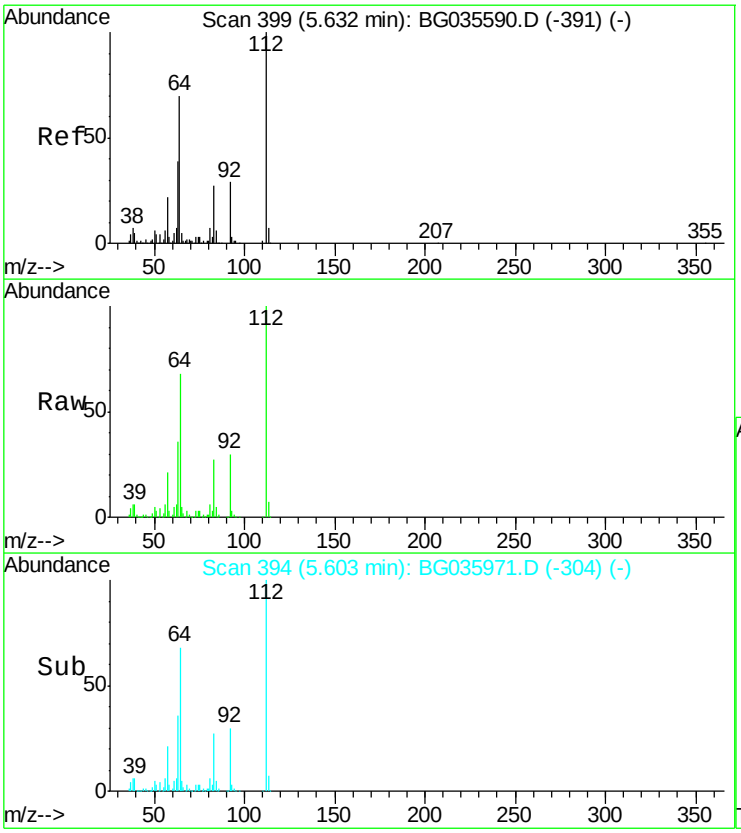
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG035971.D
Acq: 30 Jul 2018 11:48

Instrument :
BNA_G
ClientSampleId :
PB111535TB

Tgt Ion:152 Resp: 37164

Ion	Ratio	Lower	Upper
152	100		
150	150.9	126.6	189.8
115	61.6	53.0	79.4

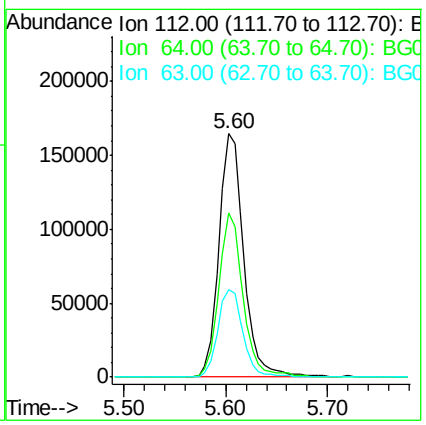


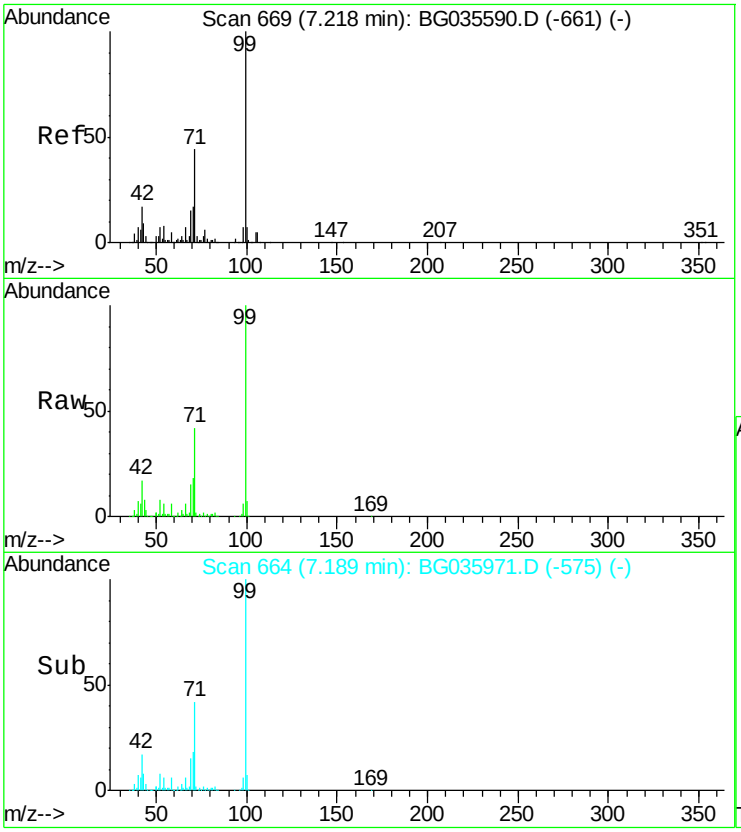


#5
2-Fluorophenol
Concen: 125.266 ng
RT: 5.60 min Scan# 394
Delta R.T. -0.00 min
Lab File: BG035971.D
Acq: 30 Jul 2018 11:48

Tgt Ion:112 Resp: 280406

Ion	Ratio	Lower	Upper
112	100		
64	67.6	56.3	84.5
63	35.8	30.1	45.1



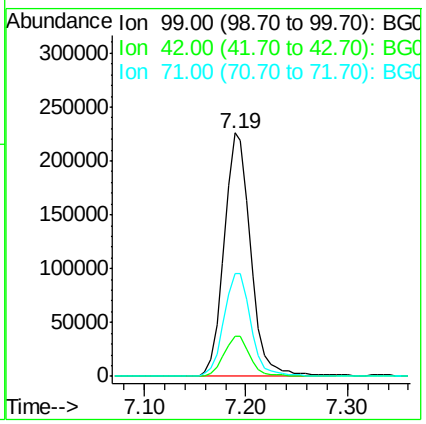


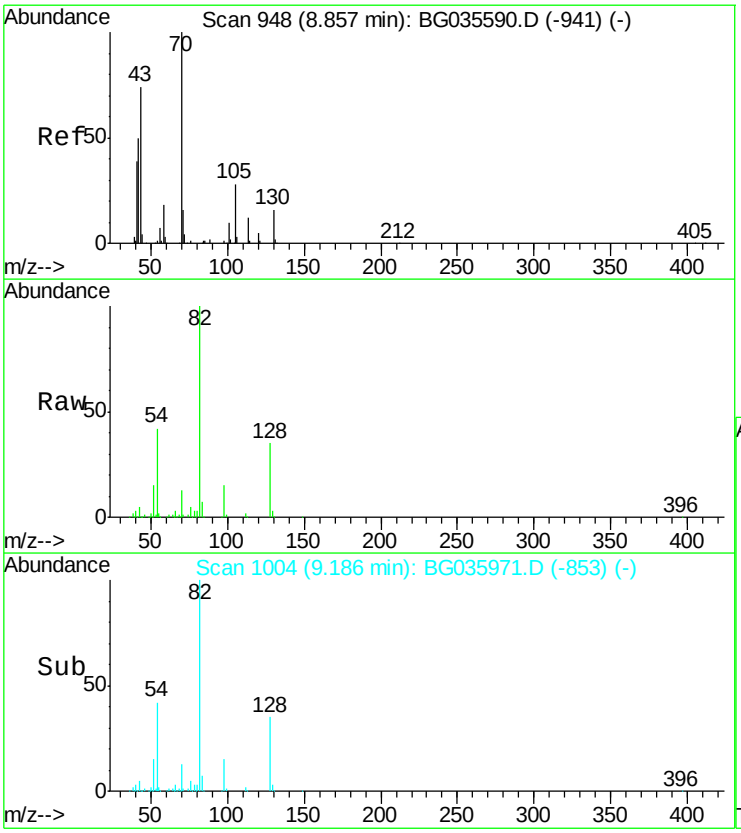
#7
Phenol-d6
Concen: 122.736 ng
RT: 7.19 min Scan# 664
Delta R.T. -0.01 min
Lab File: BG035971.D
Acq: 30 Jul 2018 11:48

Instrument :
BNA_G
ClientSampleId :
PB111535TB

Tgt Ion: 99 Resp: 409912

Ion	Ratio	Lower	Upper
99	100		
42	16.6	14.1	21.1
71	42.2	26.1	39.1#

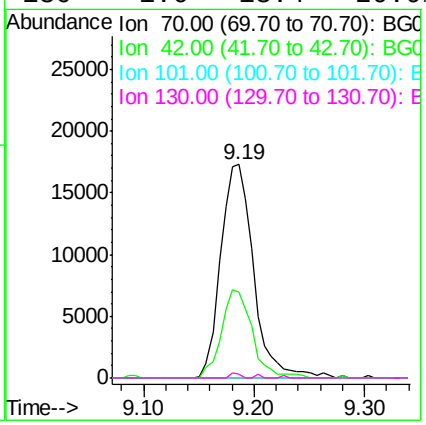


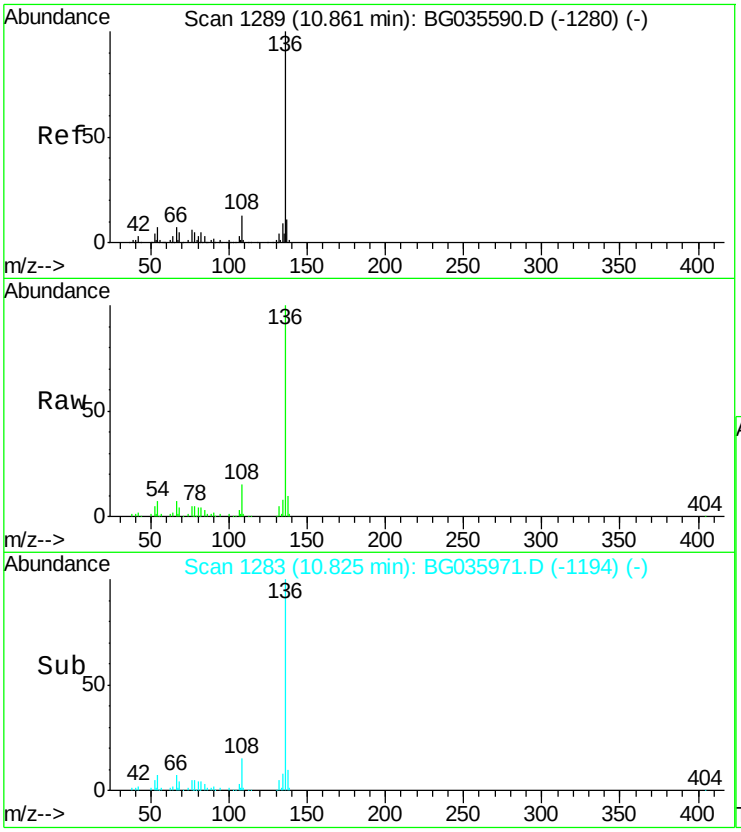


#19
n-Nitroso-di-n-propylamine
Concen: 12.810 ng
RT: 9.19 min Scan# 1004
Delta R.T. 0.36 min
Lab File: BG035971.D
Acq: 30 Jul 2018 11:48

Tgt Ion: 70 Resp: 36027

Ion	Ratio	Lower	Upper
70	100		
42	40.4	49.1	73.7#
101	0.0	8.5	12.7#
130	1.6	13.4	20.0#



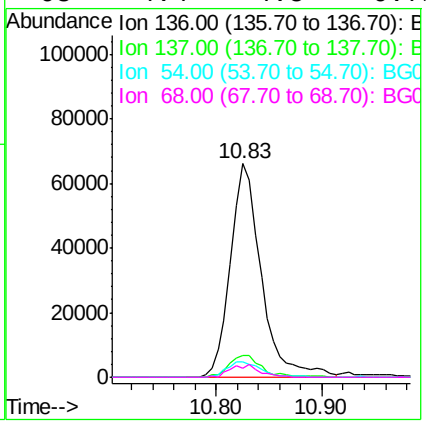


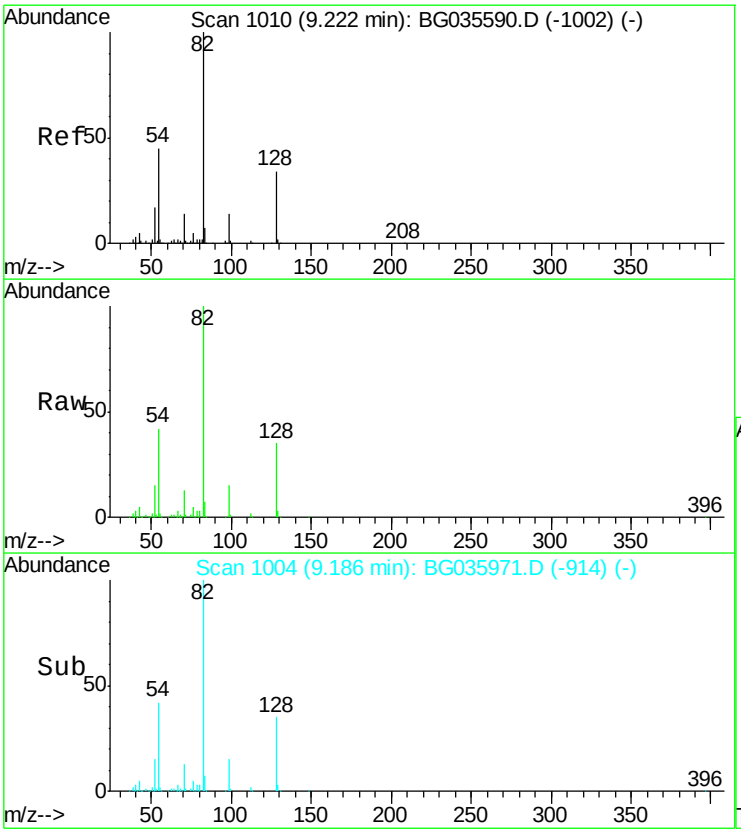
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG035971.D
Acq: 30 Jul 2018 11:48

Instrument :
BNA_G
ClientSampleId :
PB111535TB

Tgt Ion:136 Resp: 133740

Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.2	13.8
54	7.3	10.3	15.5#
68	4.4	4.5	6.7#

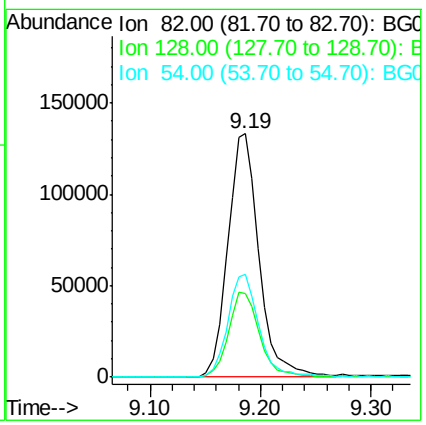


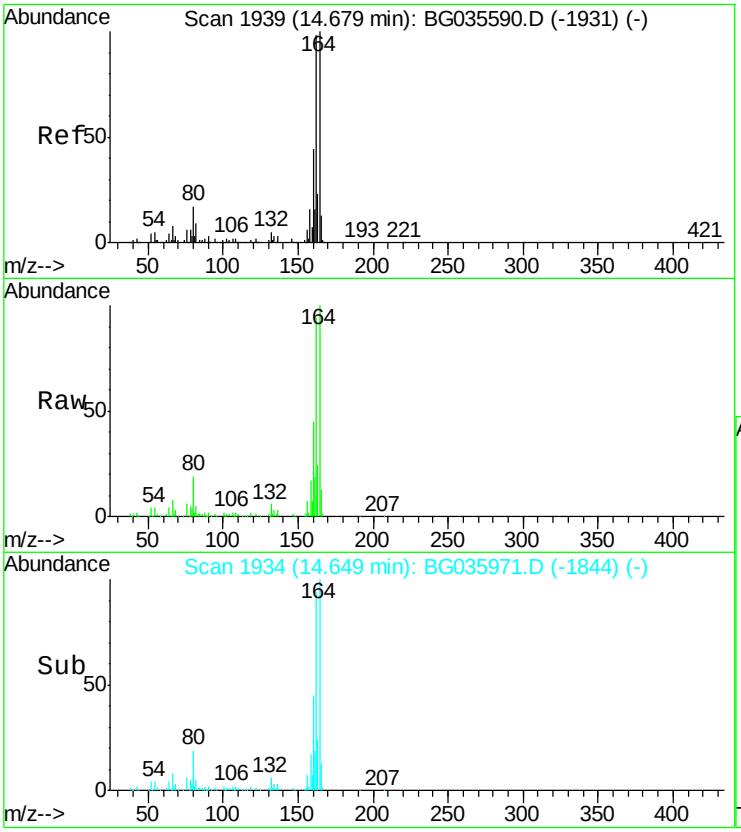


#23
Nitrobenzene-d5
Concen: 82.108 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG035971.D
Acq: 30 Jul 2018 11:48

Tgt Ion: 82 Resp: 262864

Ion	Ratio	Lower	Upper
82	100		
128	34.6	29.7	44.5
54	42.4	43.1	64.7#



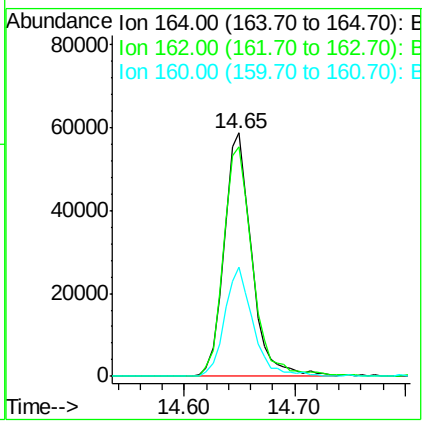


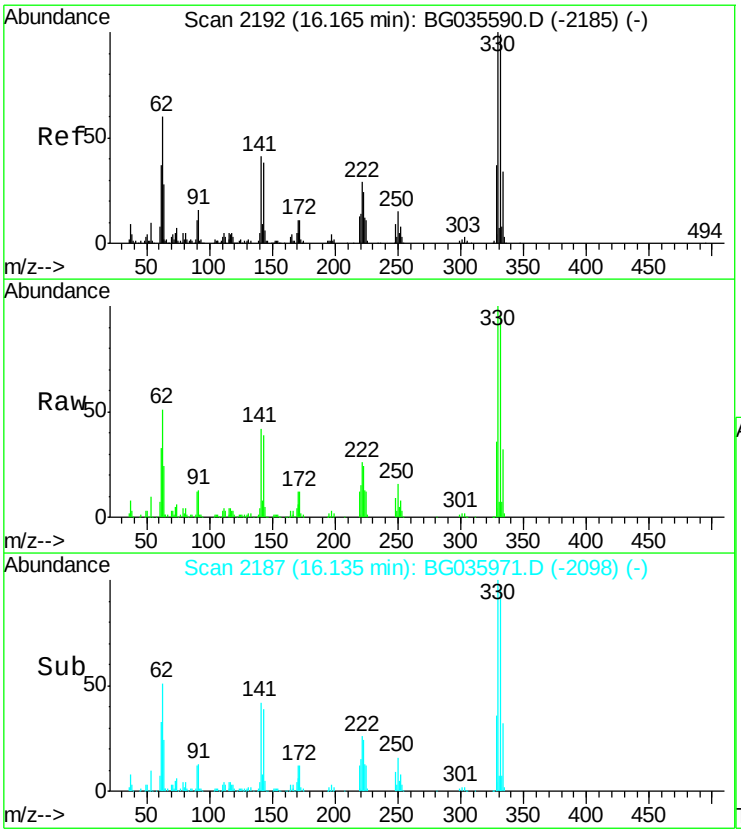
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG035971.D
Acq: 30 Jul 2018 11:48

Instrument :
BNA_G
ClientSampleId :
PB111535TB

Tgt Ion:164 Resp: 102779

Ion	Ratio	Lower	Upper
164	100		
162	94.2	78.8	118.2
160	44.7	35.4	53.0

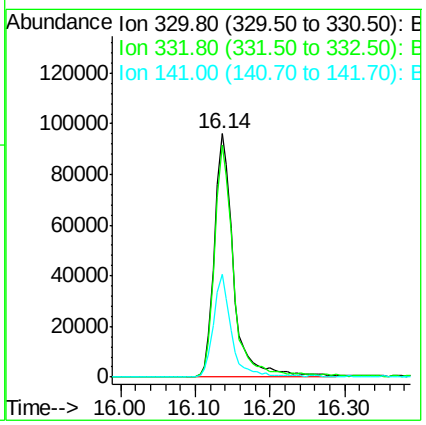


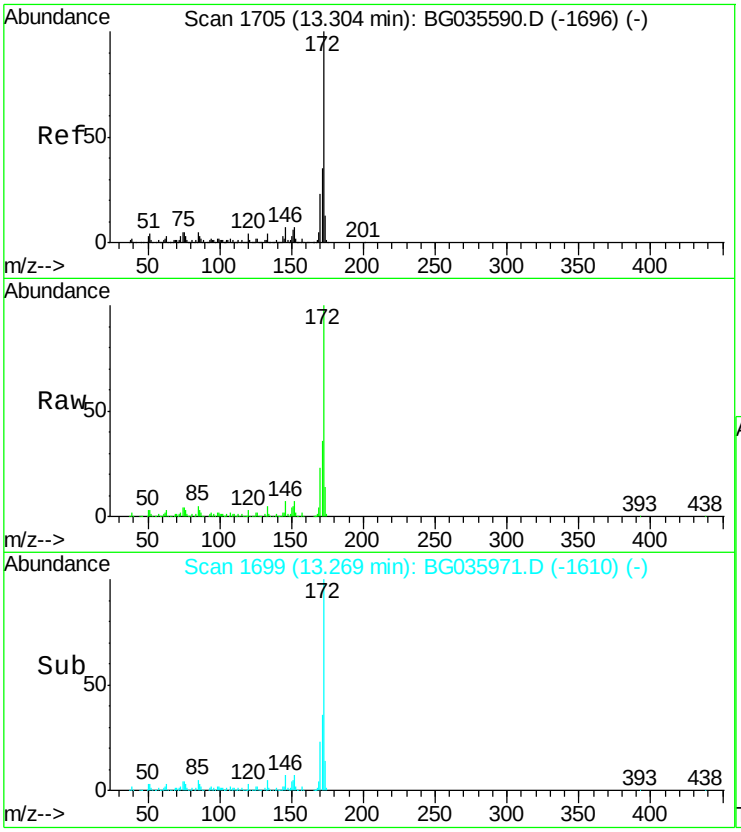


#41
2,4,6-Tribromophenol
Concen: 126.651 ng
RT: 16.14 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BG035971.D
Acq: 30 Jul 2018 11:48

Tgt Ion:330 Resp: 171573

Ion	Ratio	Lower	Upper
330	100		
332	92.0	77.0	115.6
141	38.6	25.2	37.8#



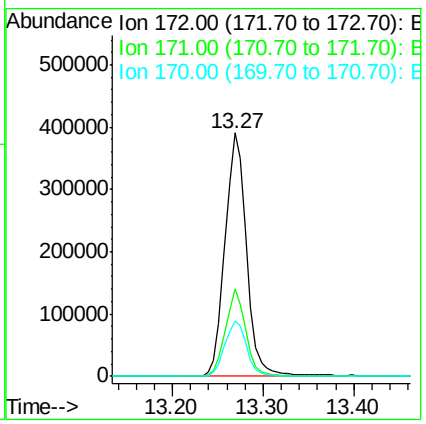


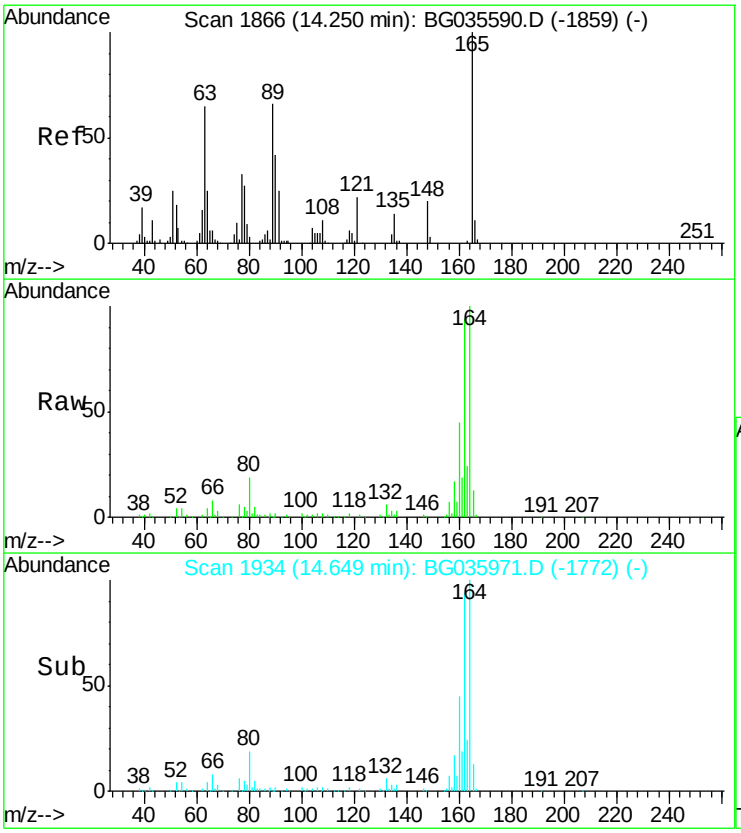
#44
2-Fluorobiphenyl
Concen: 84.525 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.01 min
Lab File: BG035971.D
Acq: 30 Jul 2018 11:48

Instrument :
BNA_G
ClientSampleId :
PB111535TB

Tgt Ion:172 Resp: 648442

Ion	Ratio	Lower	Upper
172	100		
171	35.7	30.0	45.0
170	23.0	19.5	29.3

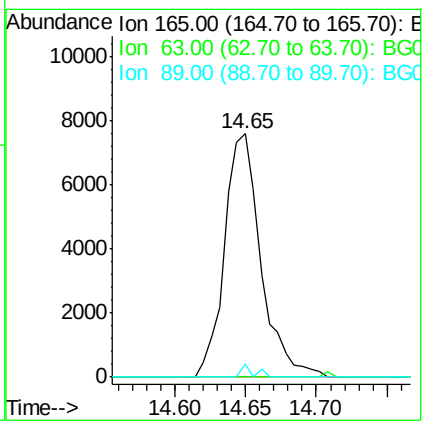


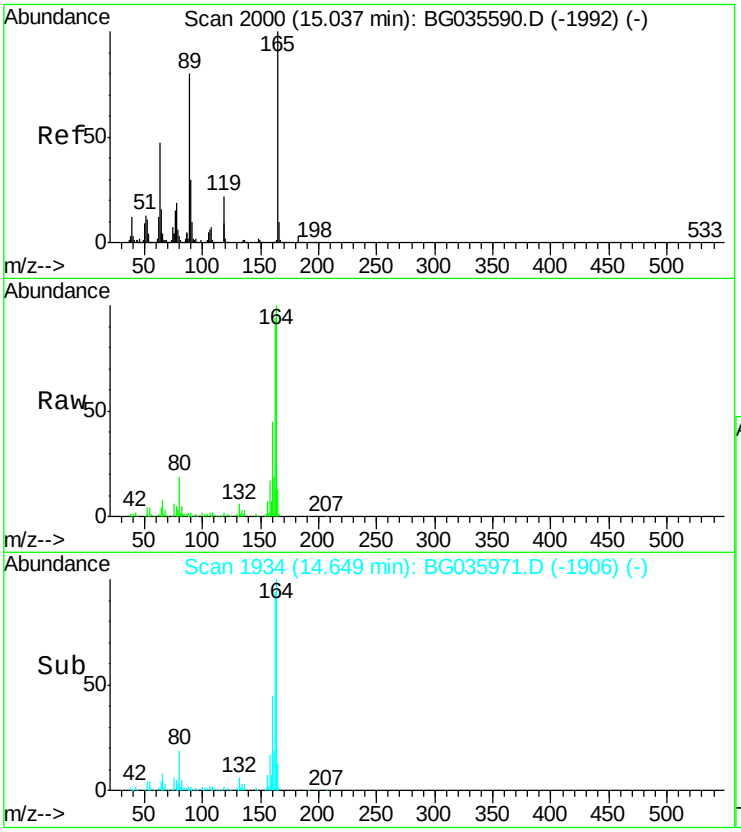


#50
2,6-Dinitrotoluene
Concen: 7.418 ng
RT: 14.65 min Scan# 1934
Delta R.T. 0.42 min
Lab File: BG035971.D
Acq: 30 Jul 2018 11:48

Tgt Ion:165 Resp: 13603

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	5.2	49.2	73.8#



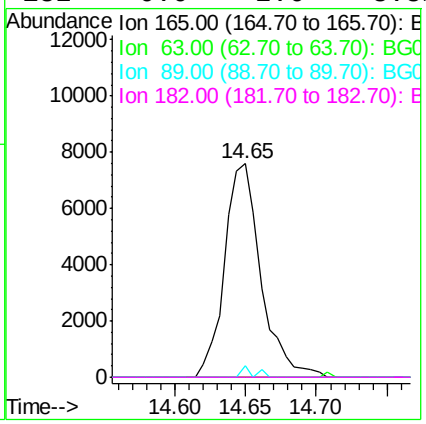


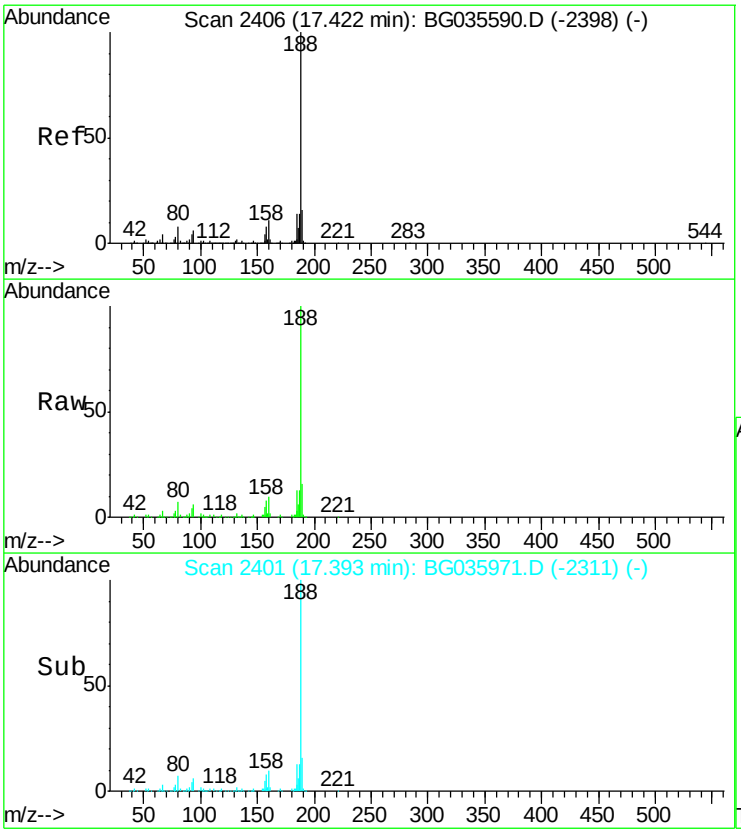
#56
2,4-Dinitrotoluene
Concen: 5.171 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.37 min
Lab File: BG035971.D
Acq: 30 Jul 2018 11:48

Instrument :
BNA_G
ClientSampleId :
PB111535TB

Tgt Ion:165 Resp: 13603

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	5.2	66.9	100.3#
182	0.0	2.6	3.8#

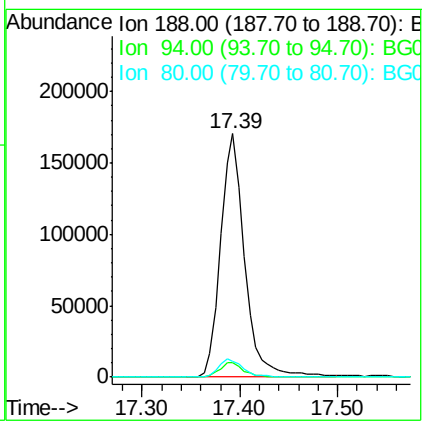


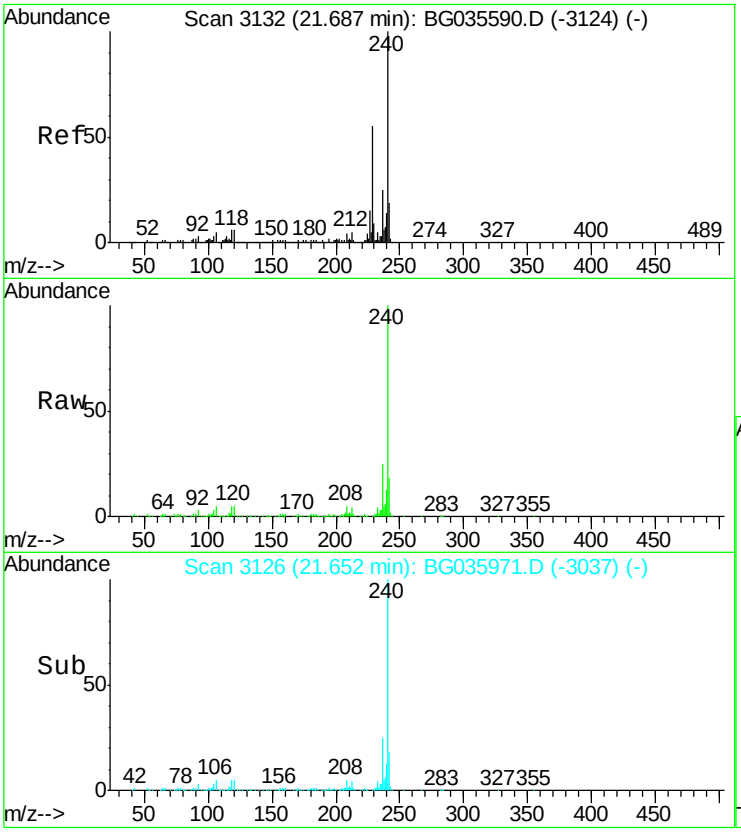


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG035971.D
Acq: 30 Jul 2018 11:48

Tgt Ion:188 Resp: 291072

Ion	Ratio	Lower	Upper
188	100		
94	6.0	6.9	10.3#
80	6.7	7.7	11.5#



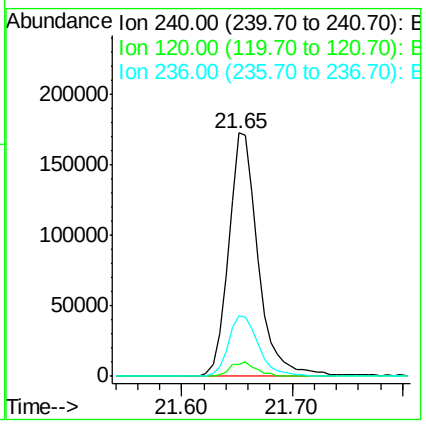


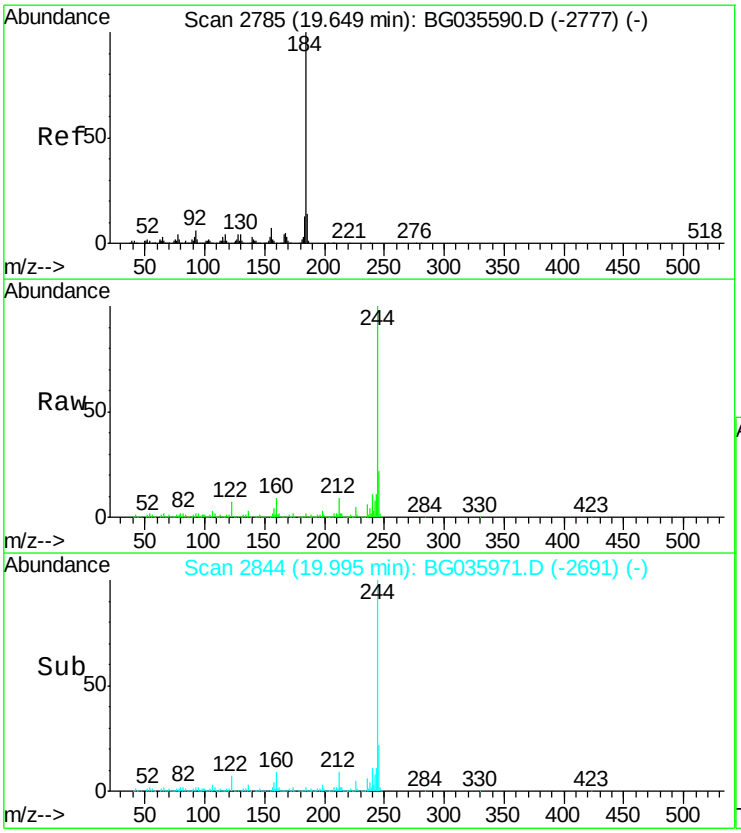
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BG035971.D
Acq: 30 Jul 2018 11:48

Instrument :
BNA_G
ClientSampleId :
PB111535TB

Tgt Ion:240 Resp: 323546

Ion	Ratio	Lower	Upper
240	100		
120	5.1	6.8	10.2#
236	24.6	20.9	31.3

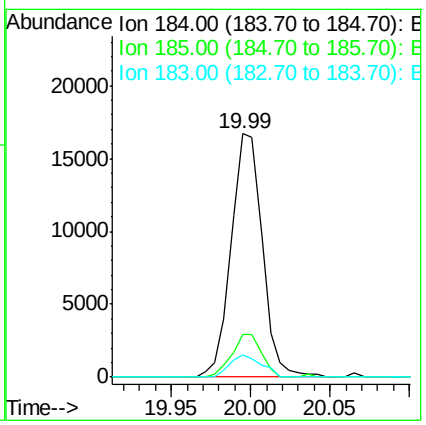


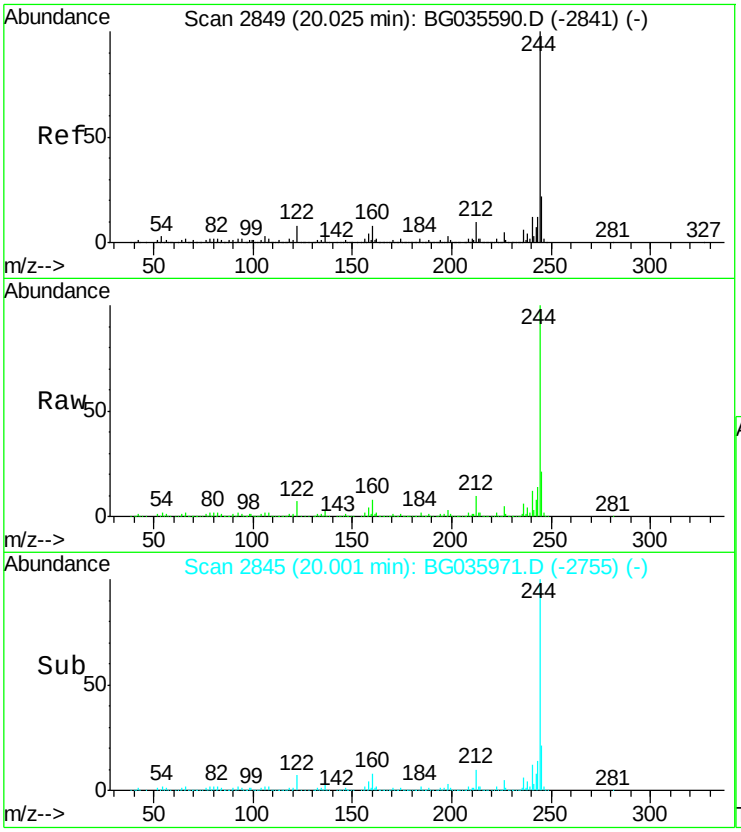


#76
Benzidine
Concen: 2.668 ng
RT: 19.99 min Scan# 2844
Delta R.T. 0.37 min
Lab File: BG035971.D
Acq: 30 Jul 2018 11:48

Tgt Ion:184 Resp: 22693

Ion	Ratio	Lower	Upper
184	100		
185	17.6	11.1	16.7#
183	9.0	10.6	16.0#



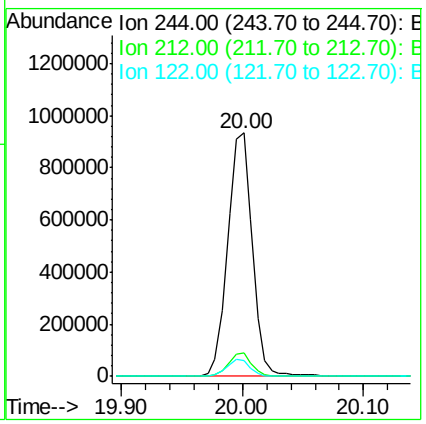


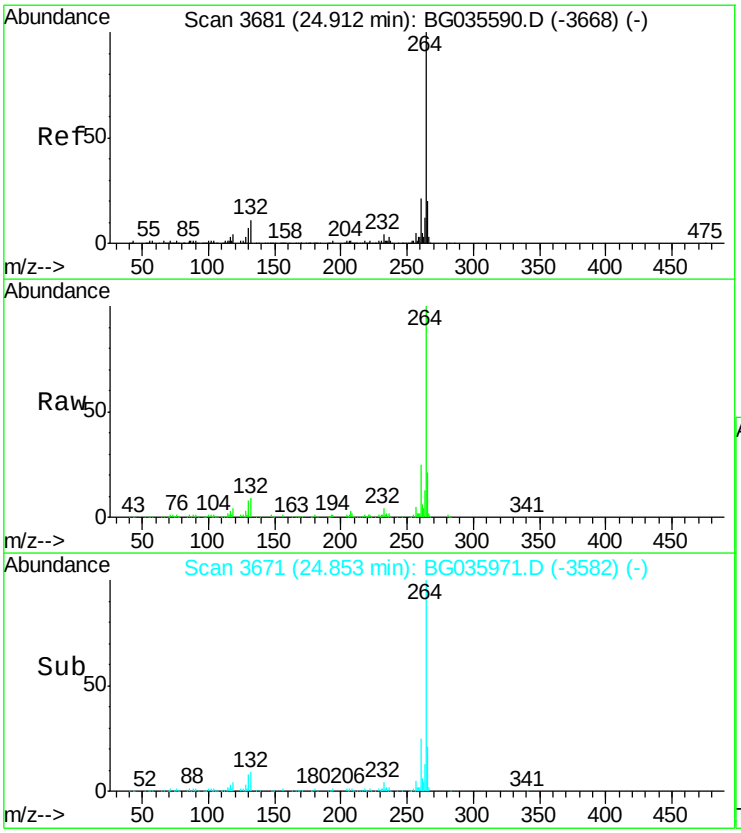
#78
Terphenyl-d14
Concen: 90.493 ng
RT: 20.00 min Scan# 2845
Delta R.T. -0.00 min
Lab File: BG035971.D
Acq: 30 Jul 2018 11:48

Instrument :
BNA_G
ClientSampleId :
PB111535TB

Tgt Ion:244 Resp: 1328258

Ion	Ratio	Lower	Upper
244	100		
212	9.8	5.8	8.8#
122	6.5	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3671
Delta R.T. -0.01 min
Lab File: BG035971.D
Acq: 30 Jul 2018 11:48

Tgt Ion:264 Resp: 303647

Ion	Ratio	Lower	Upper
264	100		
260	24.8	17.4	26.0
265	21.3	17.7	26.5