Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071818\
Data File : BG035747.D
Acq On : 19 Jul 2018 10:47
Operator : JU/SJ
Sample : PB111228BL
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB111228BL

Quant Time: Jul 19 11:55:08 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 18 17:45:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	46726	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	158721	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	114726	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	315516	20.00	ng	0.00
75) Chrysene-d12	21.67	240	354263	20.00	ng	0.00
86) Perylene-d12	24.88	264	331752	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	280462	99.65	ng	0.00
7) Phenol-d6	7.20	99	390316	92.95	ng	0.00
23) Nitrobenzene-d5	9.20	82	380044	100.03	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	118920	78.64	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	878427	102.58	ng	0.00
78) Terphenyl-d14	20.01	244	1517527	94.42	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.20	70	52102	14.735	ng	# 67
50) 2,6-Dinitrotoluene	14.66	165	15240	7.445	ng	# 20
56) 2,4-Dinitrotoluene	14.66	165	15240	5.190	ng	# 18
66) 4-Bromophenyl-phenylether	16.15	248	10724	2.930	ng	# 1
76) Benzidine	20.01	184	26114	2.804	ng	# 92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071818\
Data File : BG035747.D
Acq On : 19 Jul 2018 10:47
Operator : JU/SJ
Sample : PB111228BL
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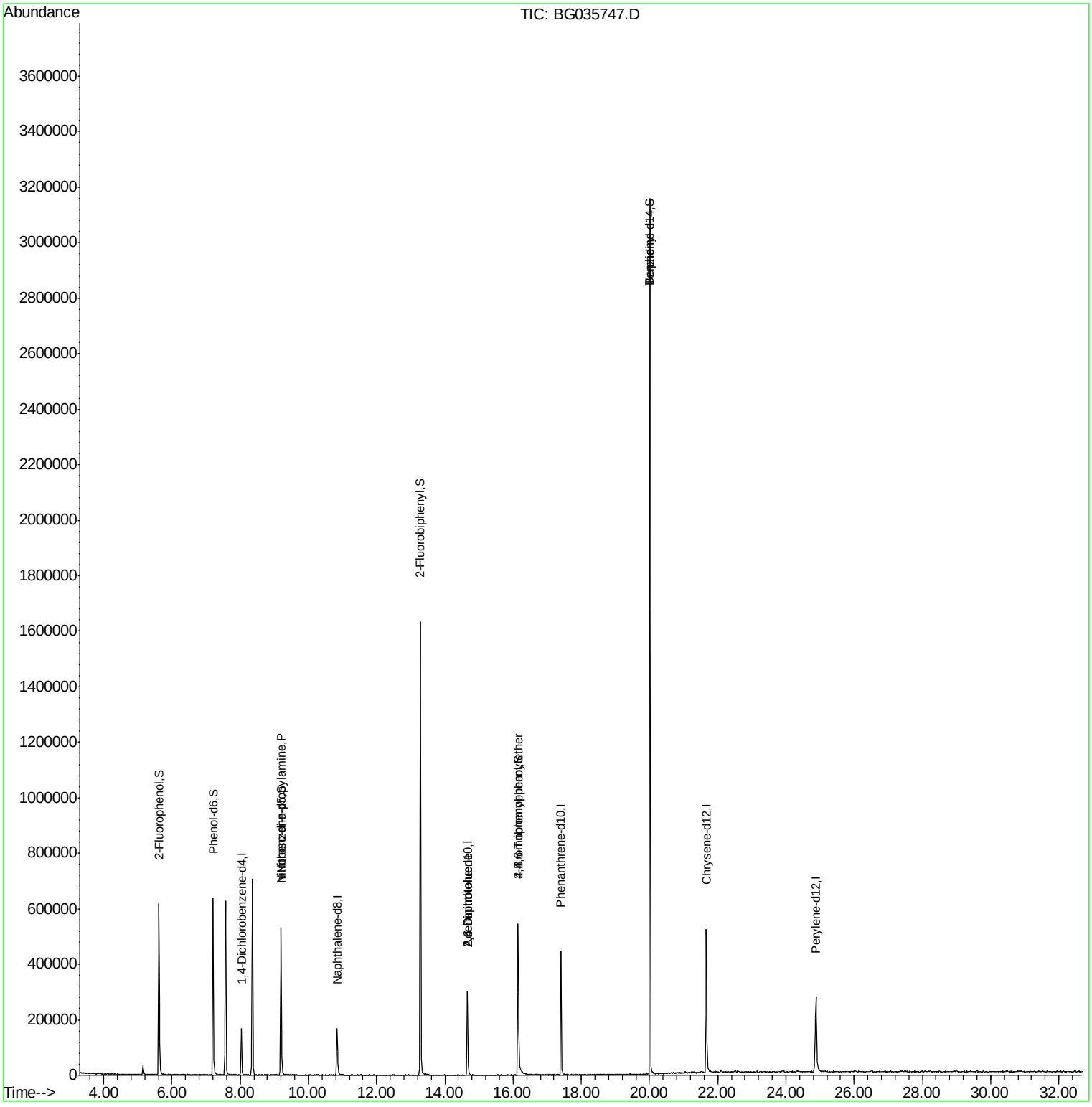
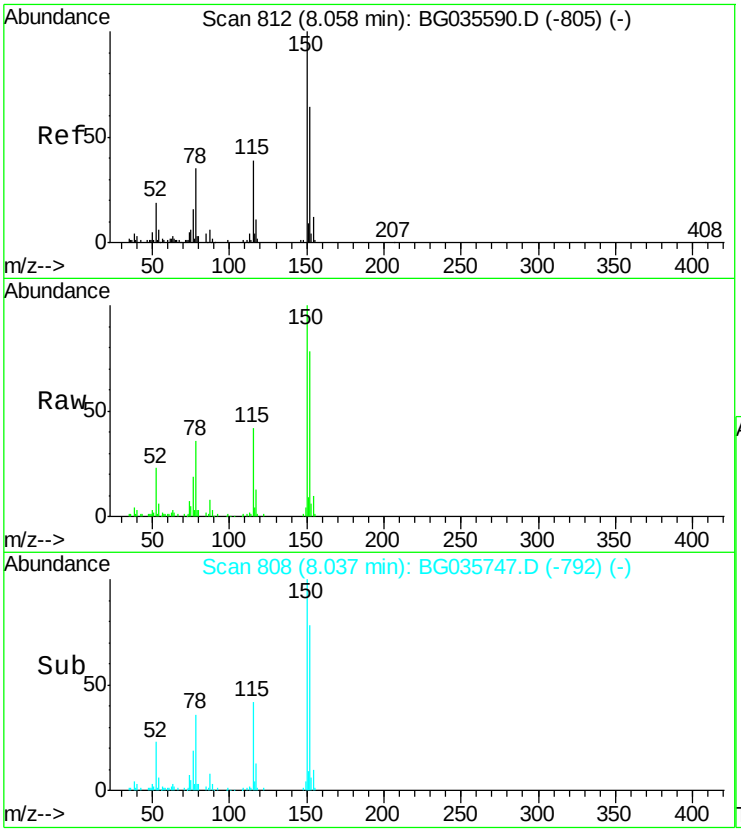
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 18 17:45:13 2018
Response via : Initial Calibration



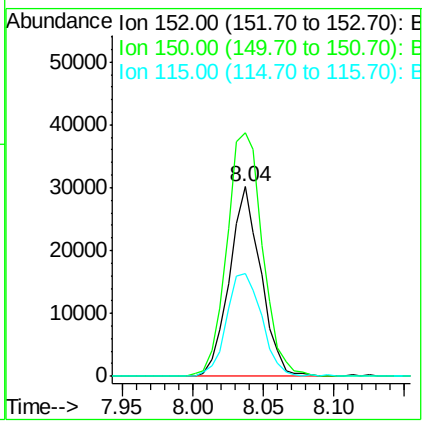


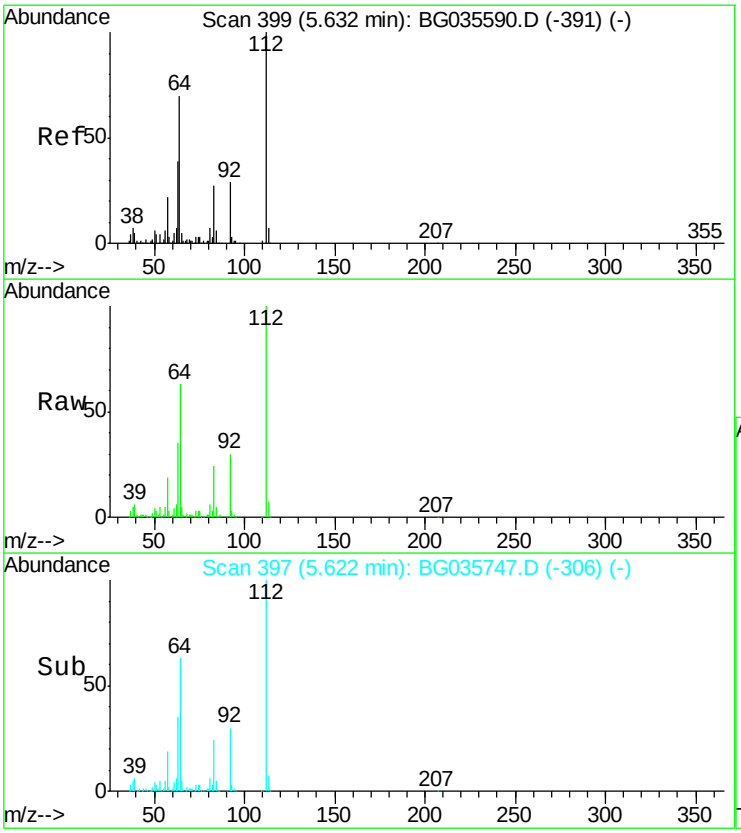
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 808
Delta R.T. -0.00 min
Lab File: BG035747.D
Acq: 19 Jul 2018 10:47

Instrument :
BNA_G
ClientSampleId :
PB111228BL

Tgt Ion:152 Resp: 46726

Ion	Ratio	Lower	Upper
152	100		
150	128.3	126.6	189.8
115	54.1	53.0	79.4

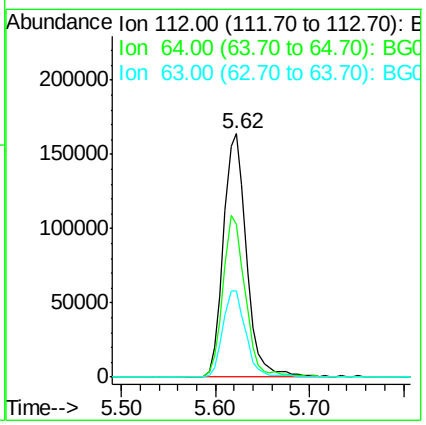


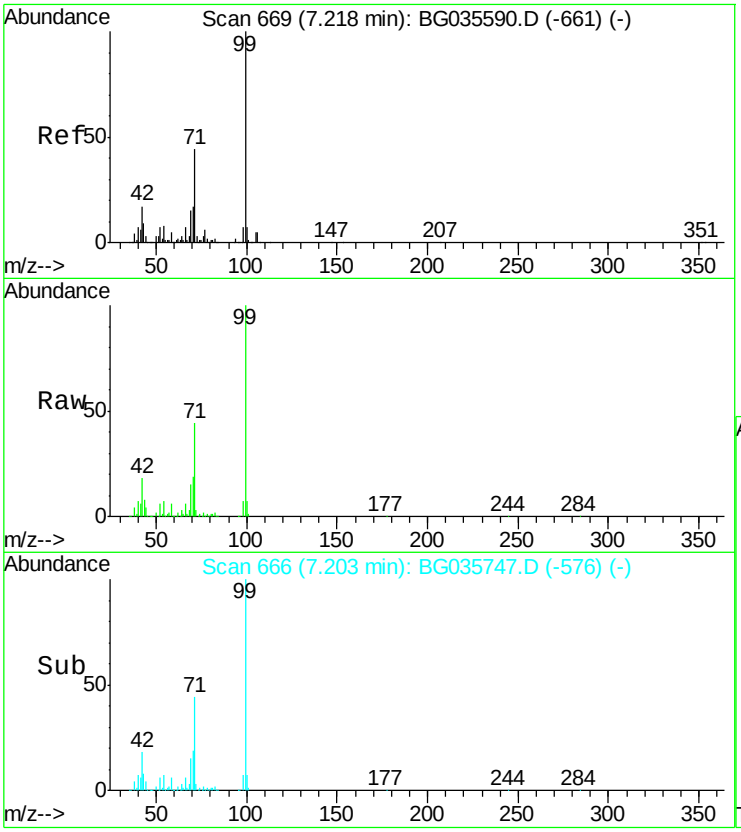


#5
2-Fluorophenol
Concen: 99.652 ng
RT: 5.62 min Scan# 397
Delta R.T. 0.00 min
Lab File: BG035747.D
Acq: 19 Jul 2018 10:47

Tgt Ion:112 Resp: 280462

Ion	Ratio	Lower	Upper
112	100		
64	62.5	56.3	84.5
63	35.3	30.1	45.1



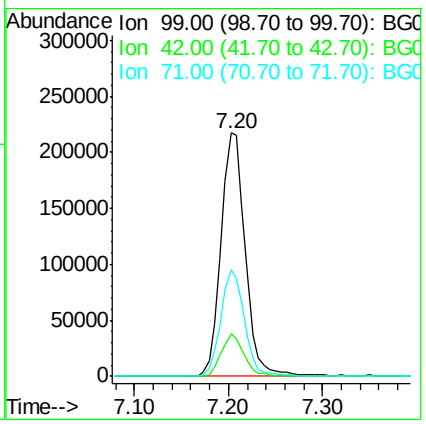


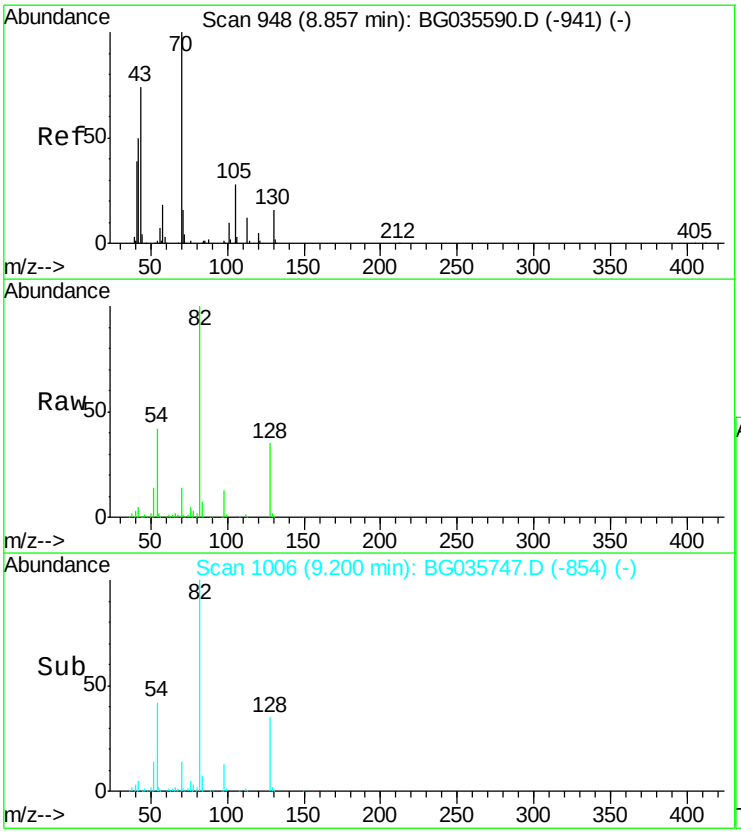
#7
Phenol-d6
Concen: 92.953 ng
RT: 7.20 min Scan# 666
Delta R.T. -0.00 min
Lab File: BG035747.D
Acq: 19 Jul 2018 10:47

Instrument :
BNA_G
ClientSampleId :
PB111228BL

Tgt Ion: 99 Resp: 390316

Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.1	21.1
71	43.7	26.1	39.1#

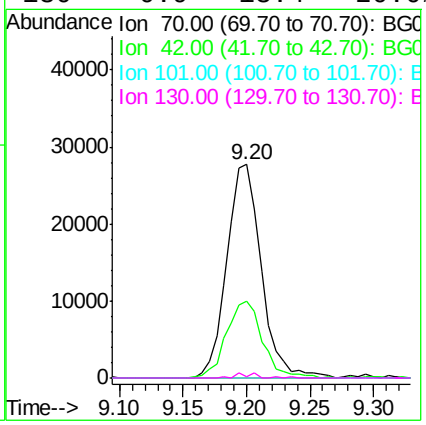


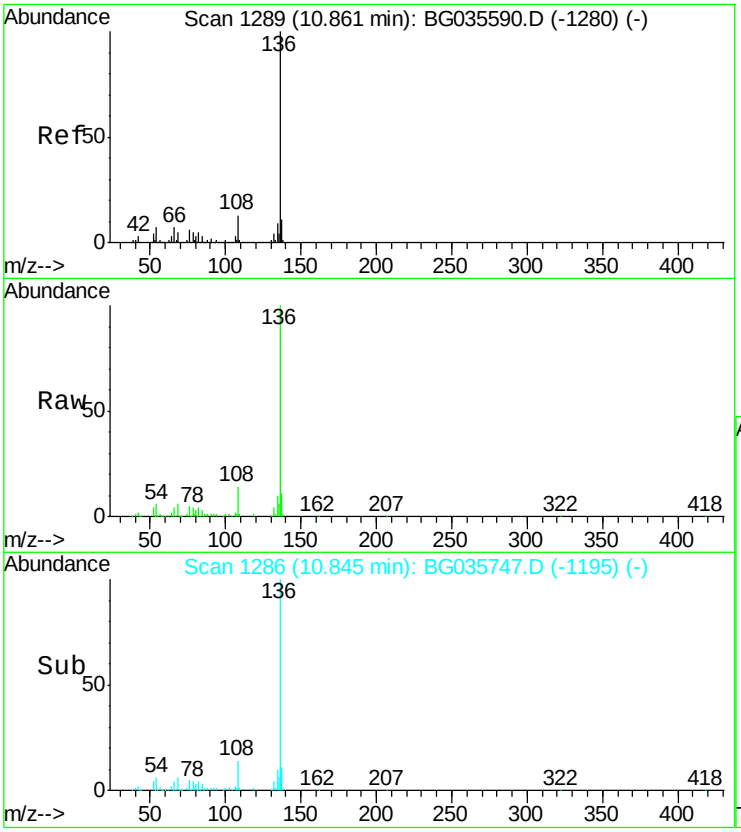


#19
n-Nitroso-di-n-propylamine
Concen: 14.735 ng
RT: 9.20 min Scan# 1006
Delta R.T. 0.36 min
Lab File: BG035747.D
Acq: 19 Jul 2018 10:47

Tgt Ion: 70 Resp: 52102

Ion	Ratio	Lower	Upper
70	100		
42	35.8	49.1	73.7#
101	0.0	8.5	12.7#
130	0.9	13.4	20.0#



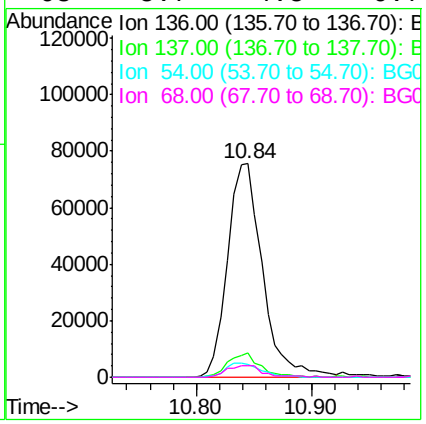


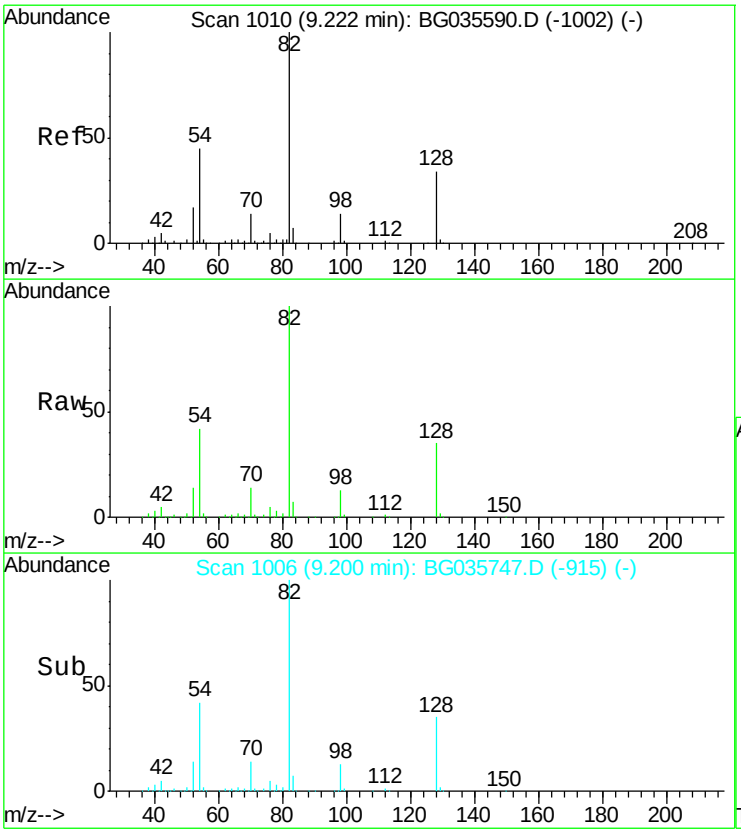
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BG035747.D
Acq: 19 Jul 2018 10:47

Instrument :
BNA_G
ClientSampleId :
PB111228BL

Tgt Ion:136 Resp: 158721

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	5.8	10.3	15.5#
68	5.7	4.5	6.7

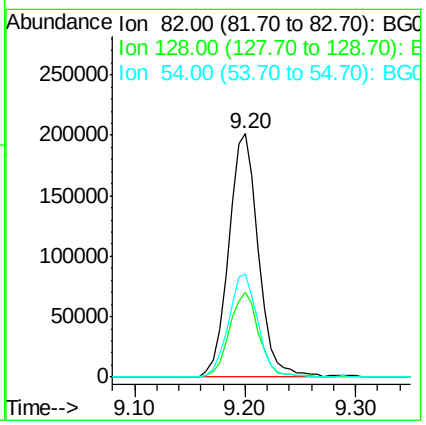


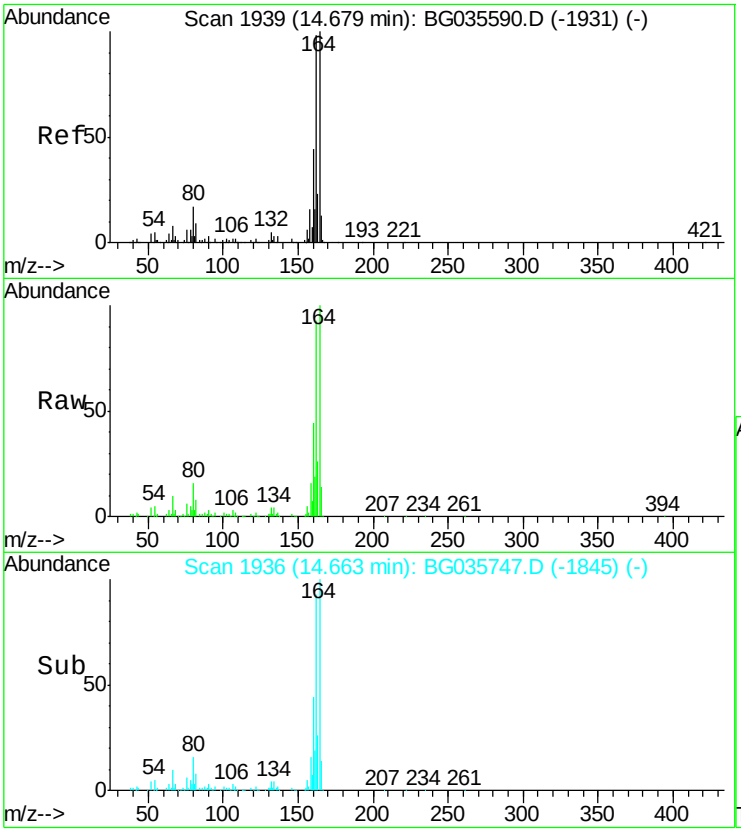


#23
Nitrobenzene-d5
Concen: 100.026 ng
RT: 9.20 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BG035747.D
Acq: 19 Jul 2018 10:47

Tgt Ion: 82 Resp: 380044

Ion	Ratio	Lower	Upper
82	100		
128	34.6	29.7	44.5
54	42.3	43.1	64.7#



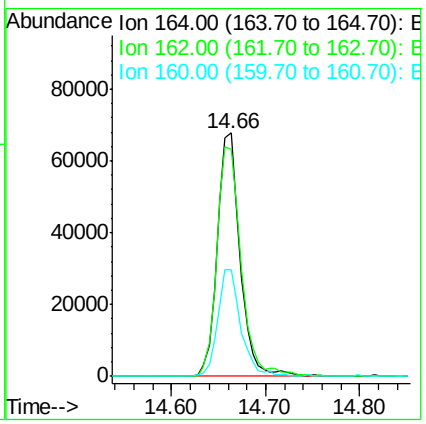


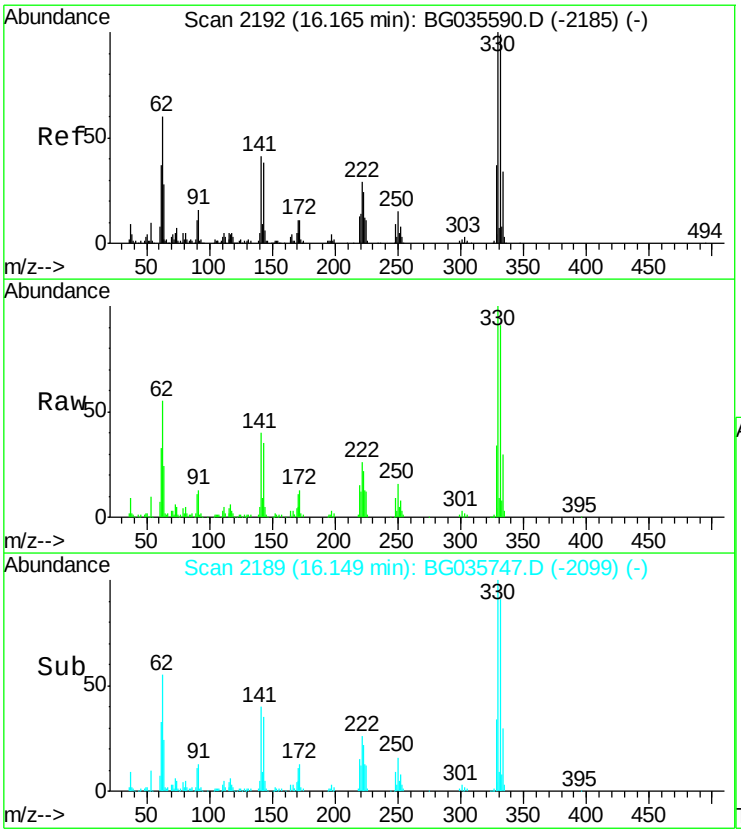
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. 0.00 min
Lab File: BG035747.D
Acq: 19 Jul 2018 10:47

Instrument :
BNA_G
ClientSampleId :
PB111228BL

Tgt Ion:164 Resp: 114726

Ion	Ratio	Lower	Upper
164	100		
162	93.4	78.8	118.2
160	43.6	35.4	53.0

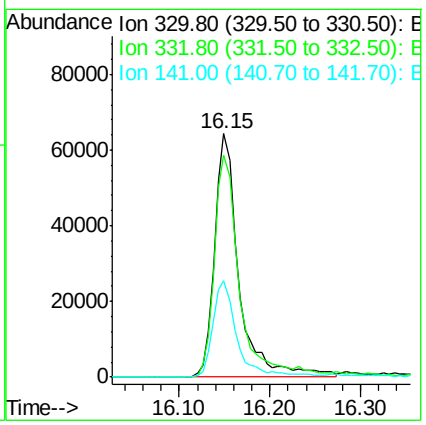


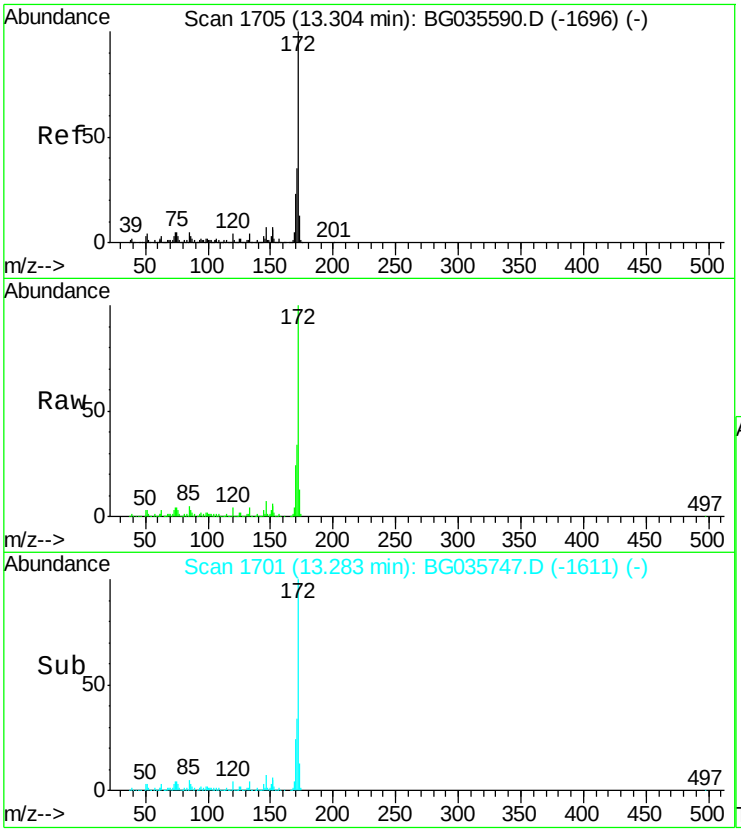


#41
2,4,6-Tribromophenol
Concen: 78.642 ng
RT: 16.15 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BG035747.D
Acq: 19 Jul 2018 10:47

Tgt Ion:330 Resp: 118920

Ion	Ratio	Lower	Upper
330	100		
332	94.2	77.0	115.6
141	38.6	25.2	37.8#



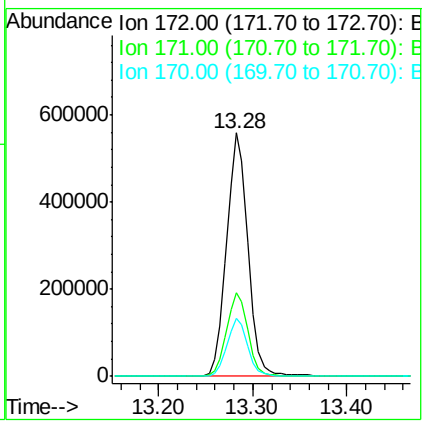


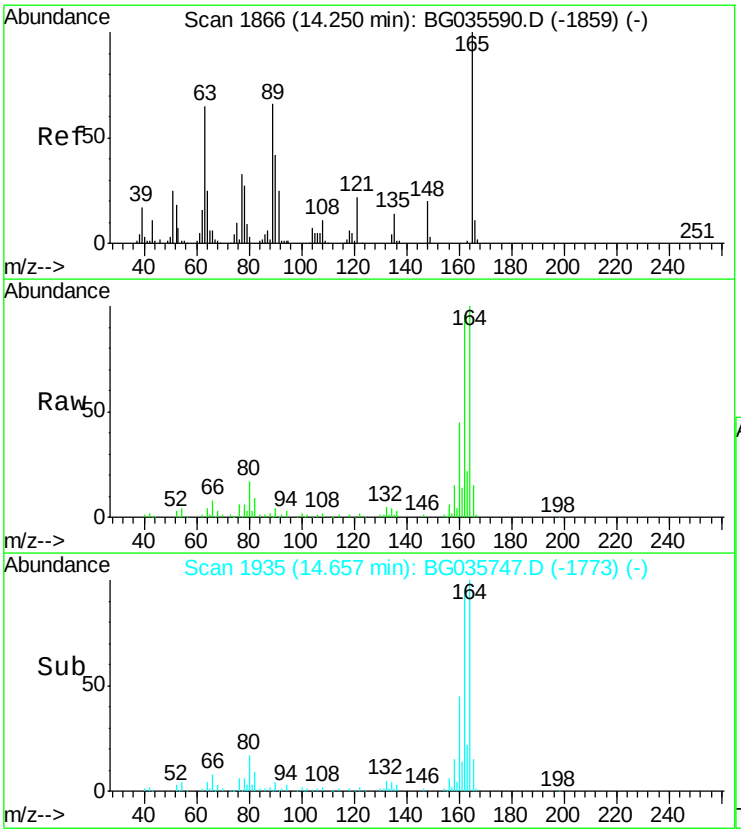
#44
2-Fluorobiphenyl
Concen: 102.580 ng
RT: 13.28 min Scan# 1701
Delta R.T. -0.00 min
Lab File: BG035747.D
Acq: 19 Jul 2018 10:47

Instrument :
BNA_G
ClientSampleId :
PB111228BL

Tgt Ion:172 Resp: 878427

Ion	Ratio	Lower	Upper
172	100		
171	34.4	30.0	45.0
170	23.9	19.5	29.3

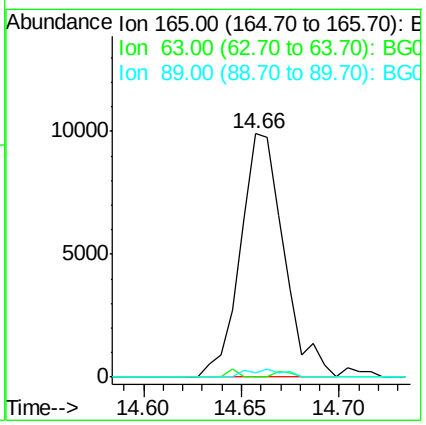


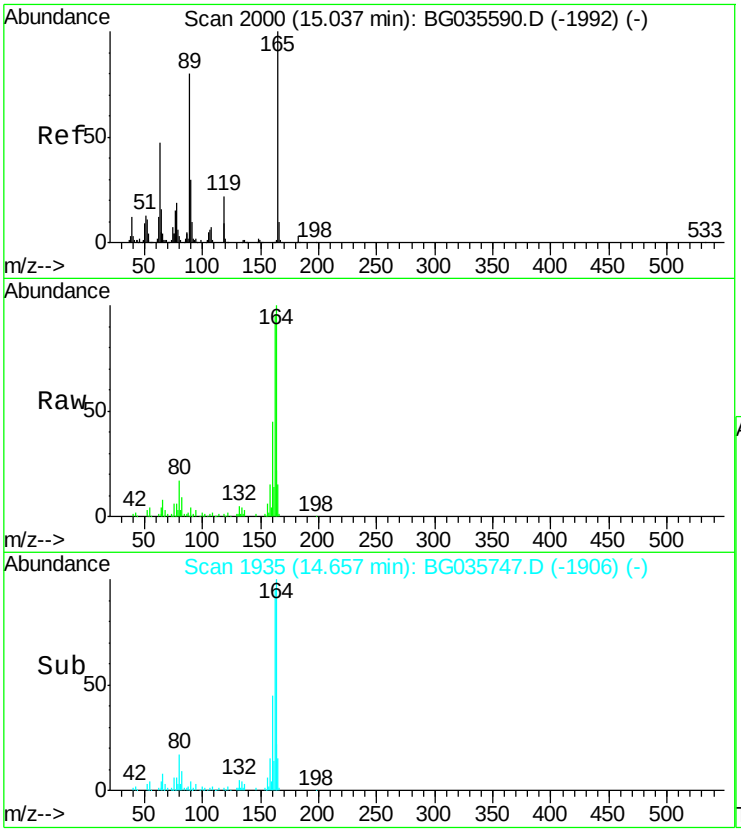


#50
2,6-Dinitrotoluene
Concen: 7.445 ng
RT: 14.66 min Scan# 1935
Delta R.T. 0.42 min
Lab File: BG035747.D
Acq: 19 Jul 2018 10:47

Tgt Ion:165 Resp: 15240

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	2.0	49.2	73.8#



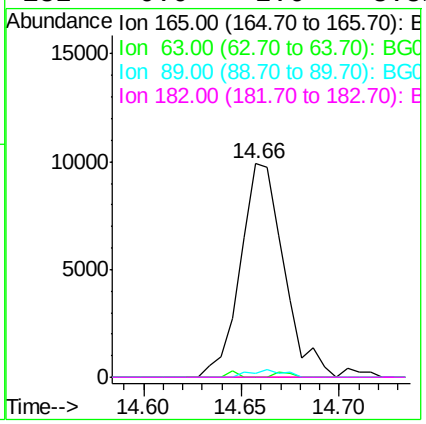


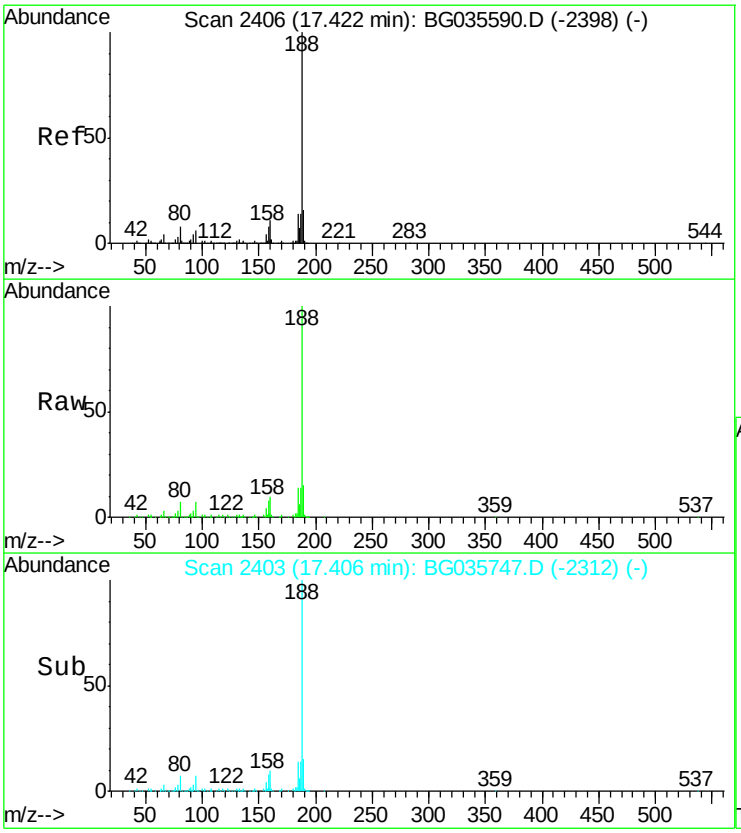
#56
2,4-Dinitrotoluene
Concen: 5.190 ng
RT: 14.66 min Scan# 1935
Delta R.T. -0.36 min
Lab File: BG035747.D
Acq: 19 Jul 2018 10:47

Instrument :
BNA_G
ClientSampleId :
PB111228BL

Tgt Ion:165 Resp: 15240

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	2.0	66.9	100.3#
182	0.0	2.6	3.8#

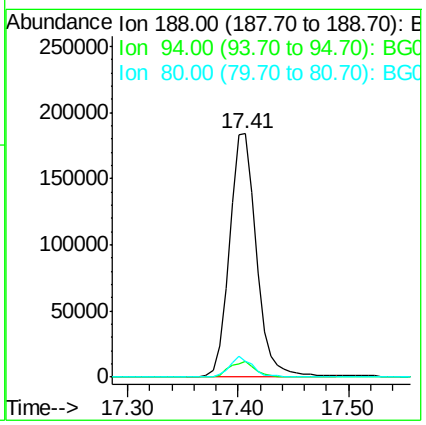


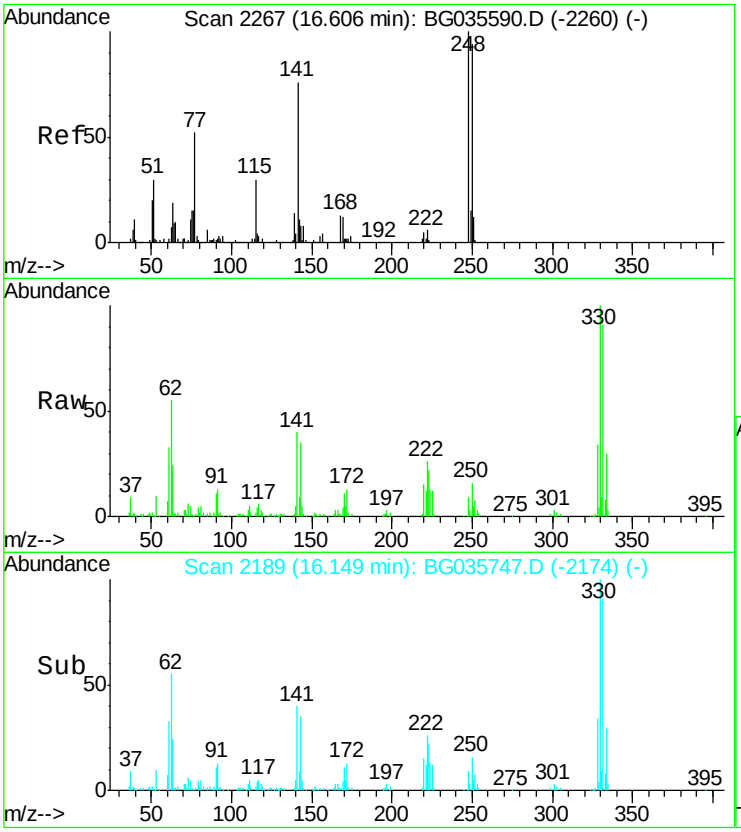


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2403
Delta R.T. 0.00 min
Lab File: BG035747.D
Acq: 19 Jul 2018 10:47

Tgt Ion:188 Resp: 315516

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



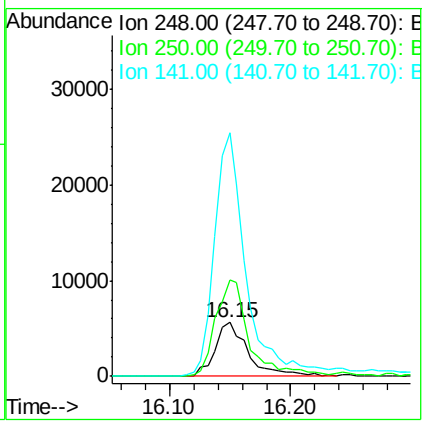


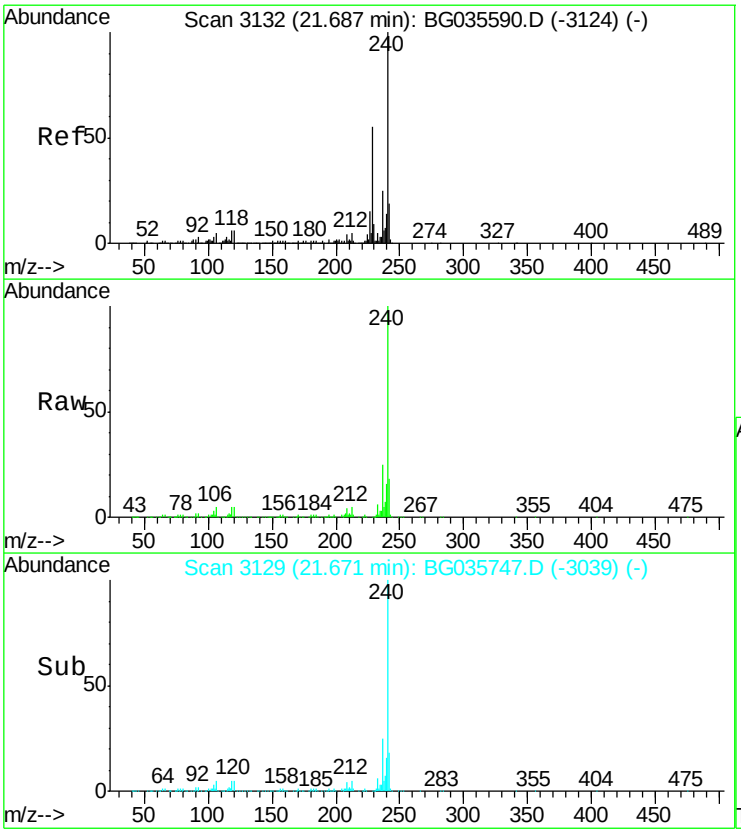
#66
4-Bromophenyl-phenylether
Concen: 2.930 ng
RT: 16.15 min Scan# 2189
Delta R.T. -0.44 min
Lab File: BG035747.D
Acq: 19 Jul 2018 10:47

Instrument :
BNA_G
ClientSampleId :
PB111228BL

Tgt Ion:248 Resp: 10724

Ion	Ratio	Lower	Upper
248	100		
250	179.1	77.1	115.7#
141	449.9	50.8	76.2#

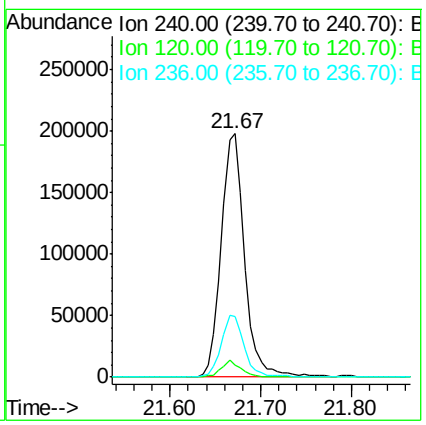


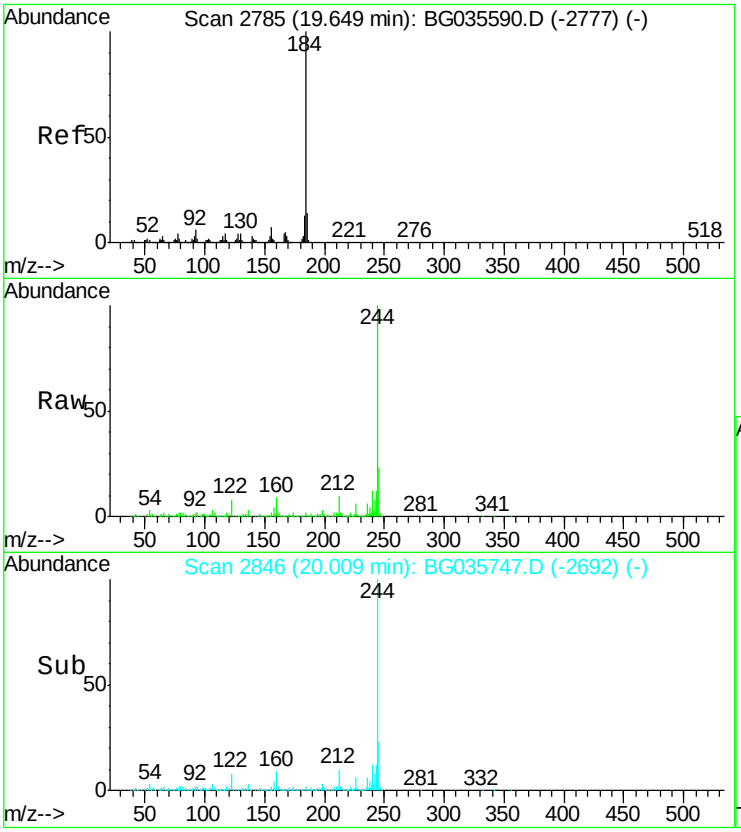


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.00 min
Lab File: BG035747.D
Acq: 19 Jul 2018 10:47

Tgt Ion:240 Resp: 354263

Ion	Ratio	Lower	Upper
240	100		
120	5.1	6.8	10.2#
236	24.9	20.9	31.3



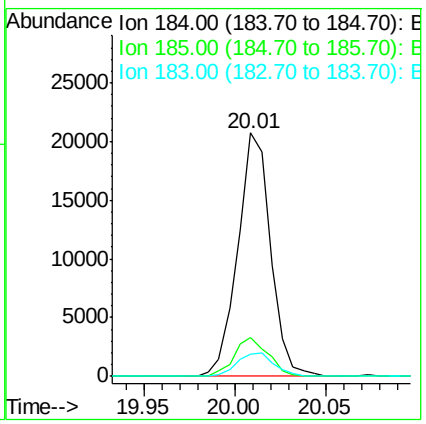


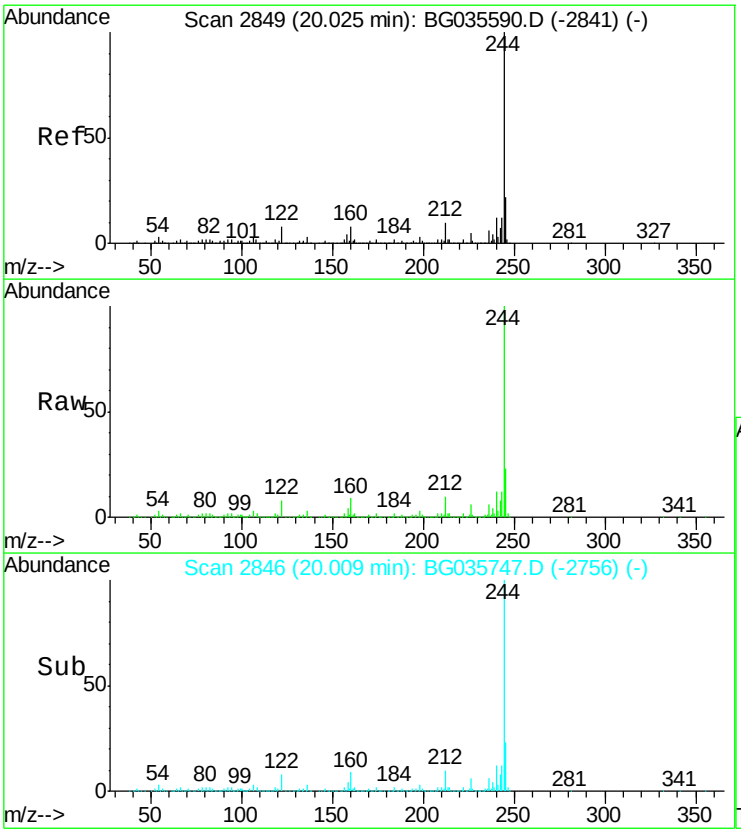
#76
Benzidine
Concen: 2.804 ng
RT: 20.01 min Scan# 2846
Delta R.T. 0.37 min
Lab File: BG035747.D
Acq: 19 Jul 2018 10:47

Instrument :
BNA_G
ClientSampleId :
PB111228BL

Tgt Ion:184 Resp: 26114

Ion	Ratio	Lower	Upper
184	100		
185	16.1	11.1	16.7
183	9.2	10.6	16.0#

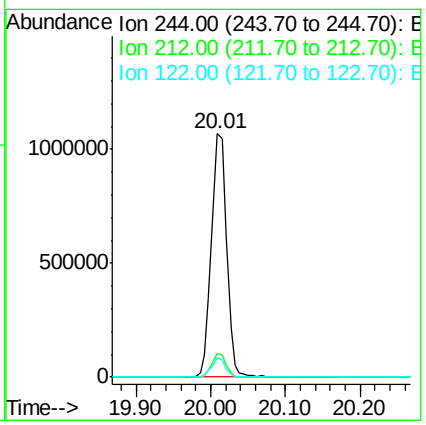


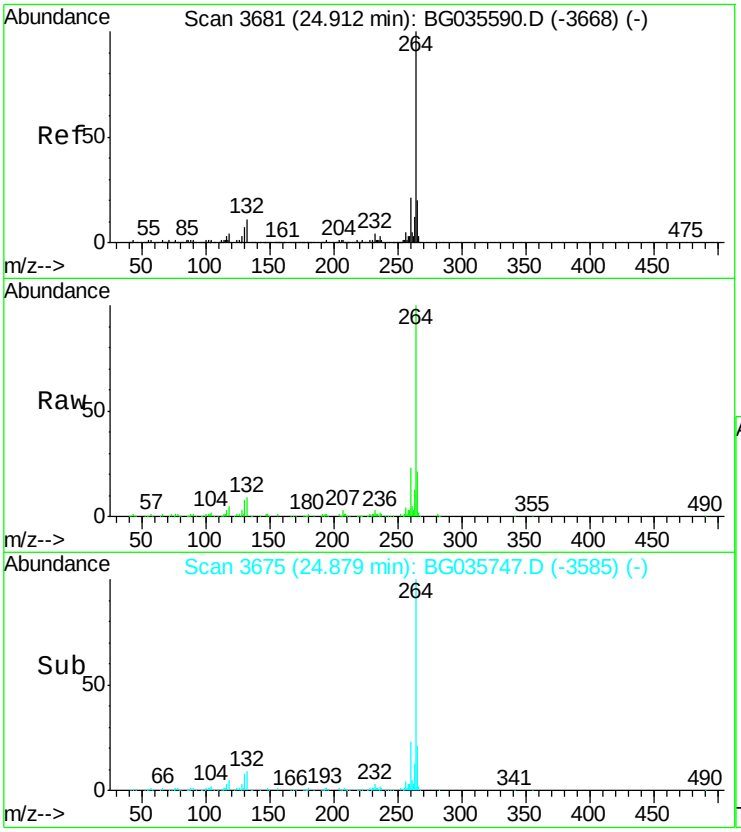


#78
Terphenyl-d14
Concen: 94.424 ng
RT: 20.01 min Scan# 2846
Delta R.T. -0.00 min
Lab File: BG035747.D
Acq: 19 Jul 2018 10:47

Tgt Ion:244 Resp: 1517527

Ion	Ratio	Lower	Upper
244	100		
212	9.7	5.8	8.8#
122	7.9	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.88 min Scan# 3675
Delta R.T. -0.00 min
Lab File: BG035747.D
Acq: 19 Jul 2018 10:47

Instrument :
BNA_G
ClientSampleId :
PB111228BL

Tgt Ion:264 Resp: 331752

Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.4	26.0
265	21.5	17.7	26.5