Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071218\
Data File : BG035619.D
Acq On : 13 Jul 2018 7:33
Operator : JU/SJ
Sample : J3825-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-02-071118-C

Quant Time: Jul 13 08:10:29 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	45595	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	178362	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	126176	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	349012	20.00	ng	0.00
75) Chrysene-d12	21.69	240	376047	20.00	ng	0.00
86) Perylene-d12	24.90	264	341890	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	413224	150.47	ng	0.00
7) Phenol-d6	7.22	99	556518	135.82	ng	0.00
23) Nitrobenzene-d5	9.22	82	434205	101.70	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	265238	159.49	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	942140	100.04	ng	0.00
78) Terphenyl-d14	20.02	244	1686129	98.84	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.22	70	61214	17.741	ng	# 69
50) 2,6-Dinitrotoluene	14.68	165	15619	6.938	ng	# 21
53) 2,4-Dinitrophenol	15.05	184	88	6.652	ng	# 1
56) 2,4-Dinitrotoluene	14.68	165	15619	4.836	ng	# 19
66) 4-Bromophenyl-phenylether	16.16	248	21482	5.305	ng	# 1
76) Benzidine	19.65	184	52343	5.294	ng	97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071218\
Data File : BG035619.D
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Misc :
ALS Vial : 23 Sample Multiplier: 1

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CL-02-071118-C

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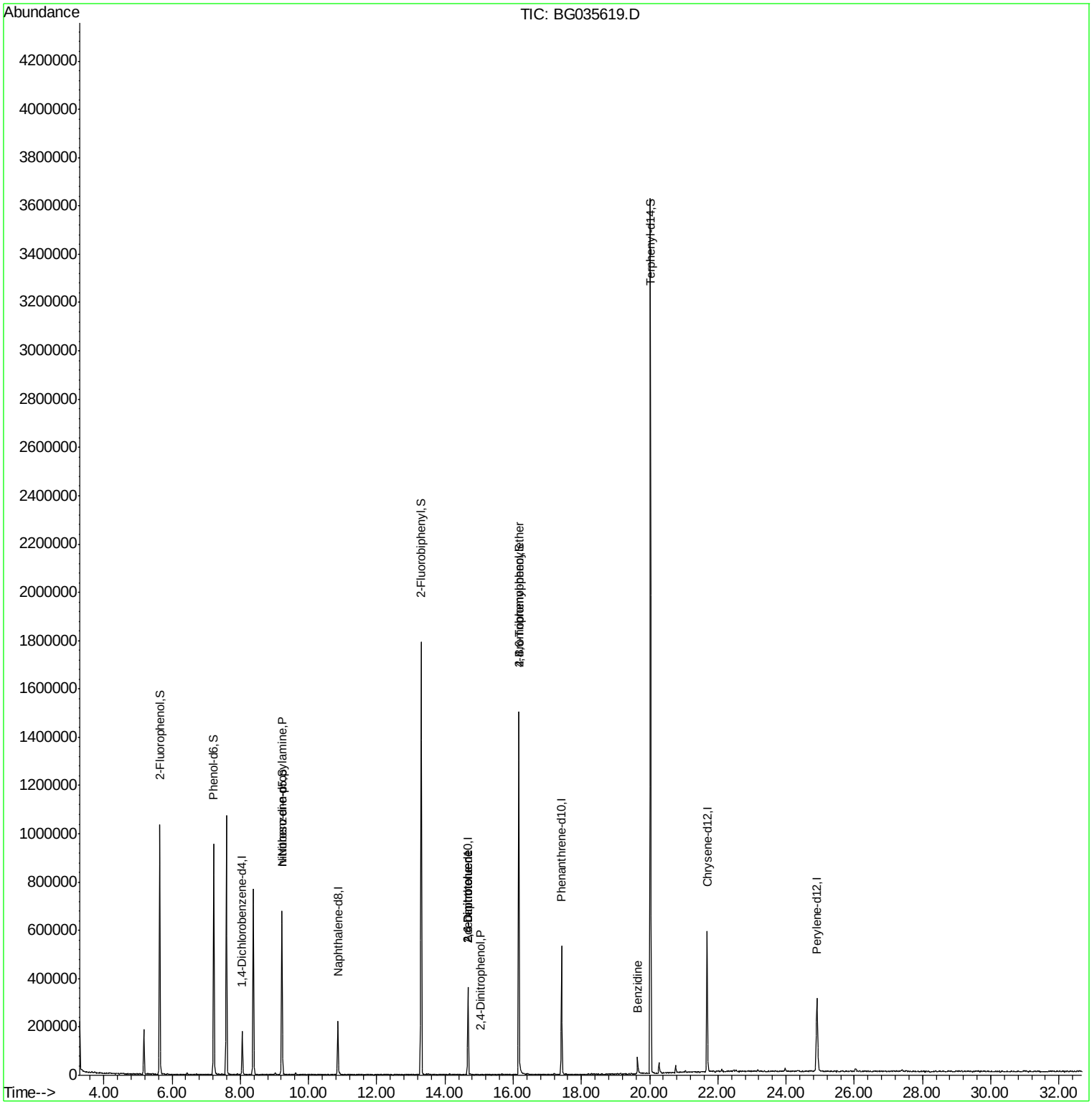
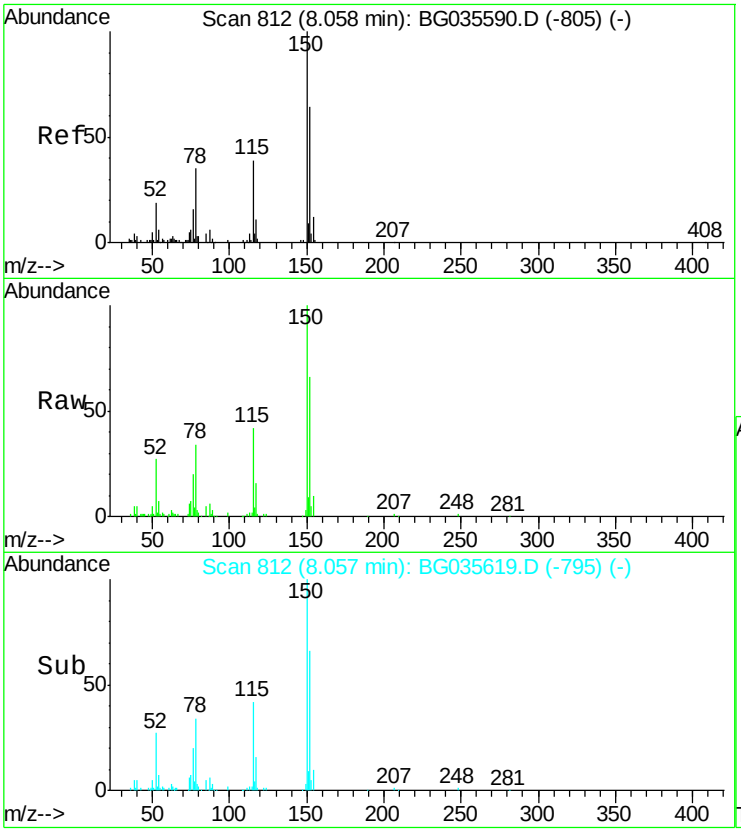
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 12 14:43:32 2018
Response via : Initial Calibration



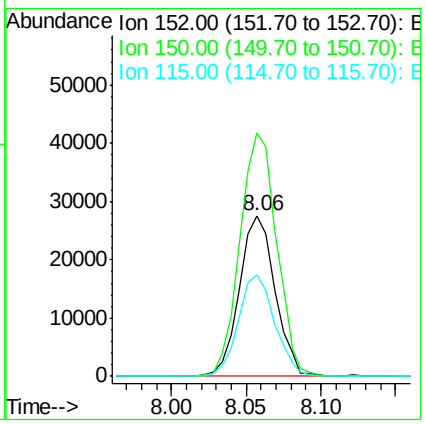


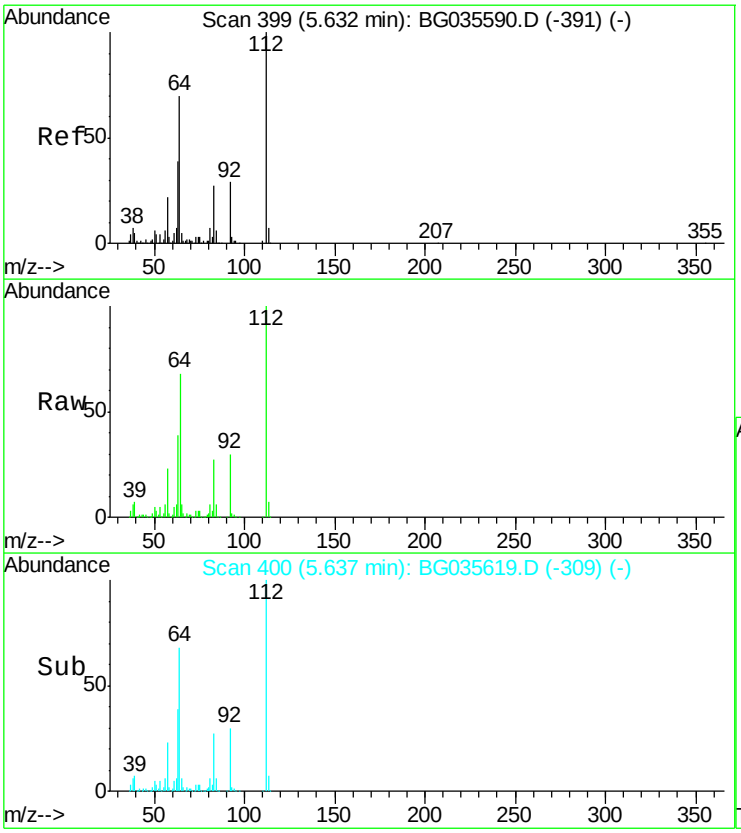
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG035619.D
Acq: 13 Jul 2018 7:33

Instrument :
BNA_G
ClientSampleId :
CL-02-071118-C

Tgt Ion:152 Resp: 45595

Ion	Ratio	Lower	Upper
152	100		
150	151.3	126.6	189.8
115	63.2	53.0	79.4

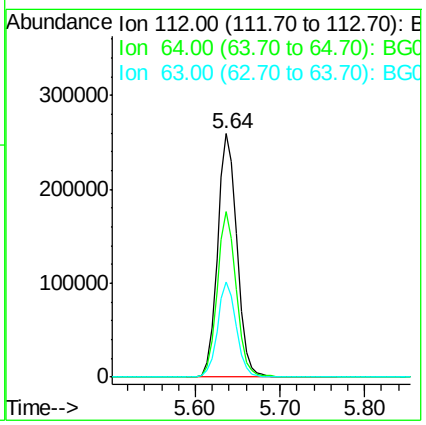


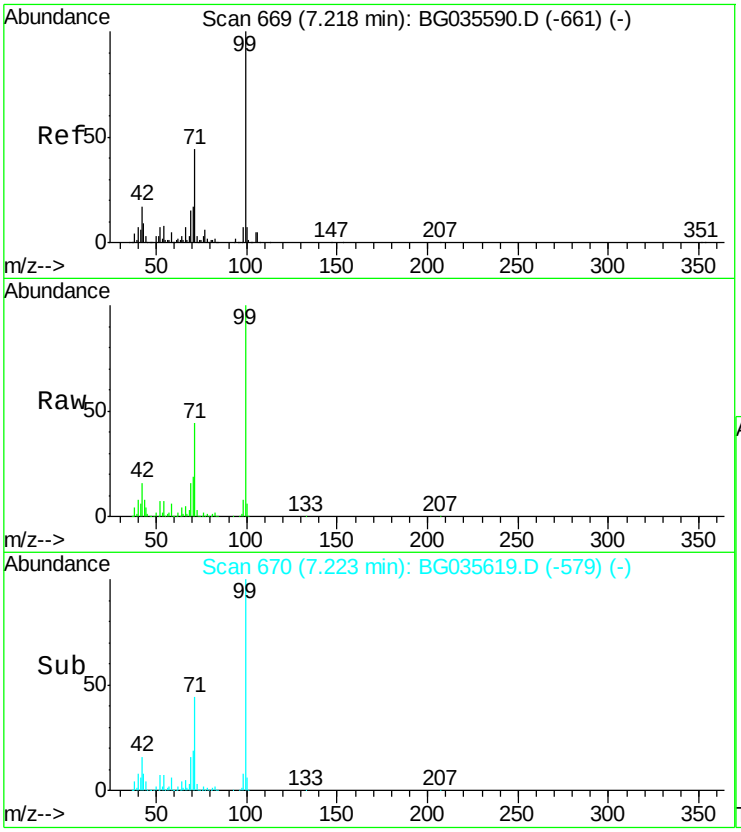


#5
2-Fluorophenol
Concen: 150.466 ng
RT: 5.64 min Scan# 400
Delta R.T. 0.00 min
Lab File: BG035619.D
Acq: 13 Jul 2018 7:33

Tgt Ion:112 Resp: 413224

Ion	Ratio	Lower	Upper
112	100		
64	68.1	56.3	84.5
63	39.3	30.1	45.1



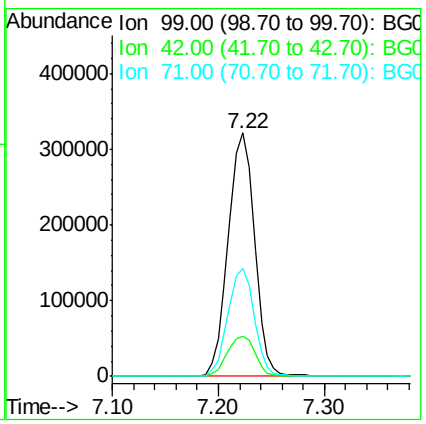


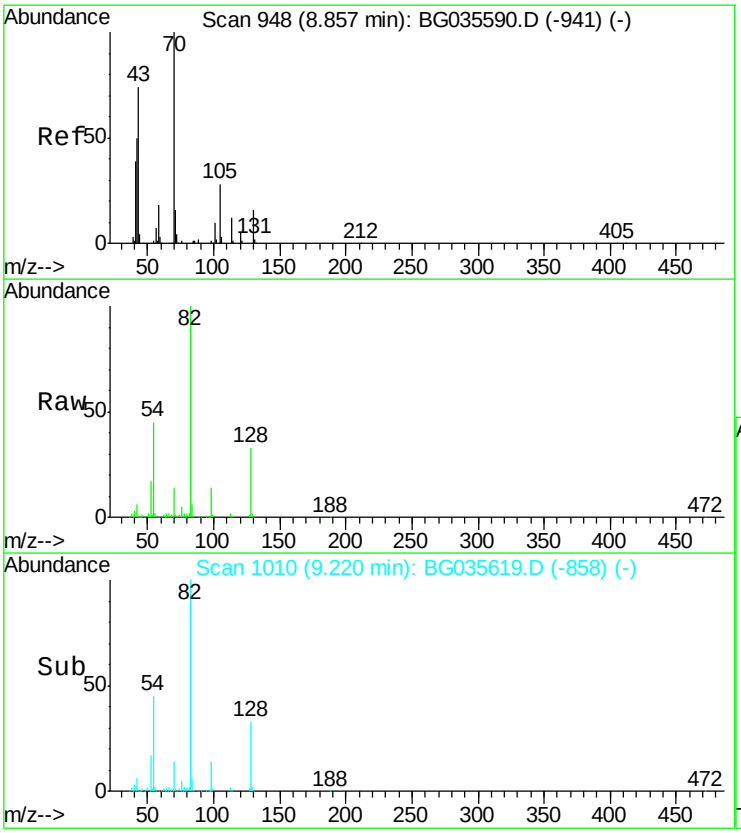
#7
Phenol-d6
Concen: 135.821 ng
RT: 7.22 min Scan# 670
Delta R.T. 0.00 min
Lab File: BG035619.D
Acq: 13 Jul 2018 7:33

Instrument :
BNA_G
ClientSampleId :
CL-02-071118-C

Tgt Ion: 99 Resp: 556518

Ion	Ratio	Lower	Upper
99	100		
42	16.4	14.1	21.1
71	44.5	26.1	39.1#

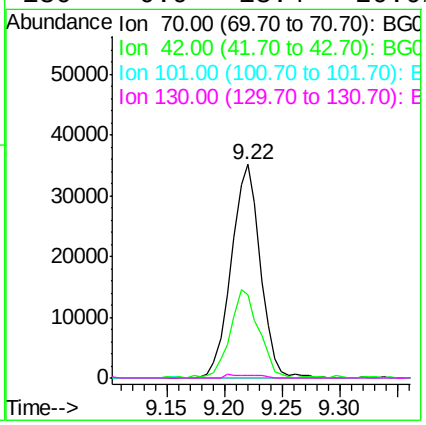


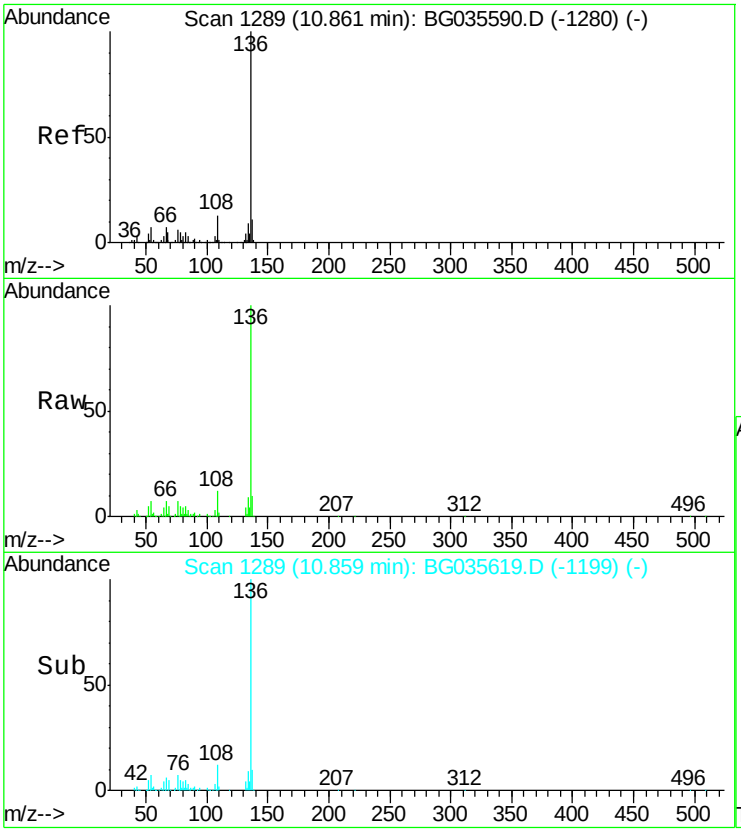


#19
n-Nitroso-di-n-propylamine
Concen: 17.741 ng
RT: 9.22 min Scan# 1010
Delta R.T. 0.36 min
Lab File: BG035619.D
Acq: 13 Jul 2018 7:33

Tgt Ion: 70 Resp: 61214

Ion	Ratio	Lower	Upper
70	100		
42	38.9	49.1	73.7#
101	0.0	8.5	12.7#
130	0.9	13.4	20.0#



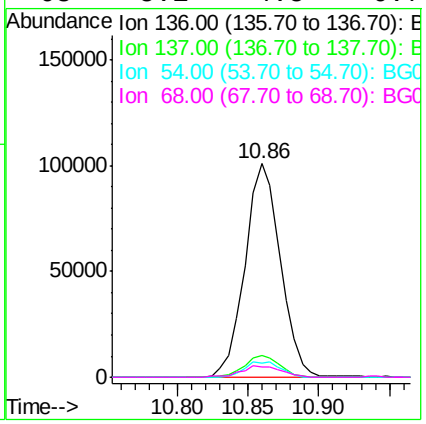


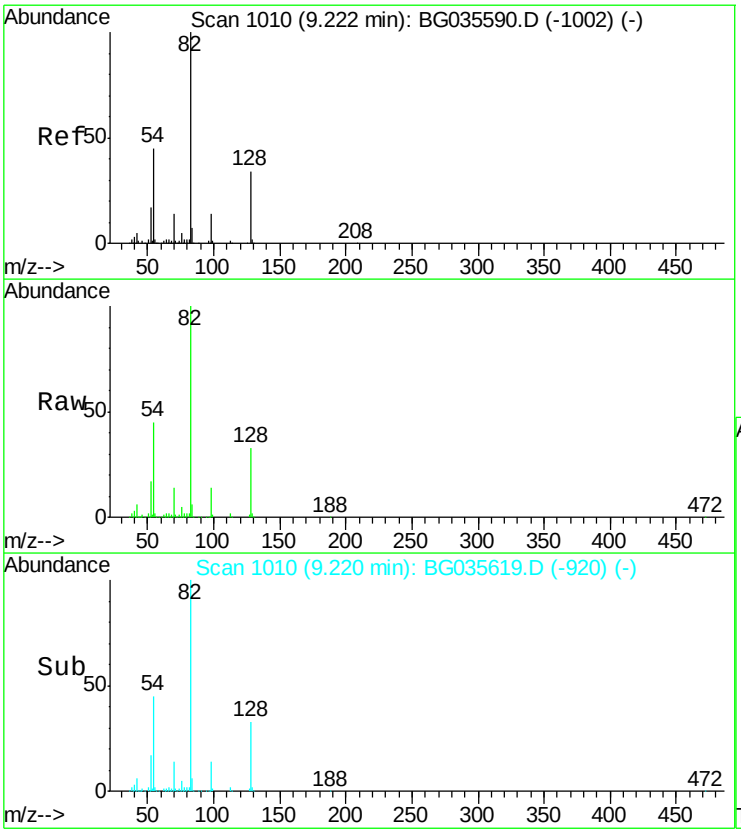
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG035619.D
Acq: 13 Jul 2018 7:33

Instrument :
BNA_G
ClientSampleId :
CL-02-071118-C

Tgt Ion:136 Resp: 178362

Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.2	13.8
54	6.8	10.3	15.5#
68	5.1	4.5	6.7

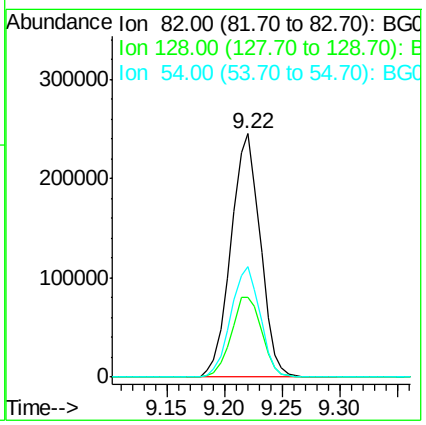


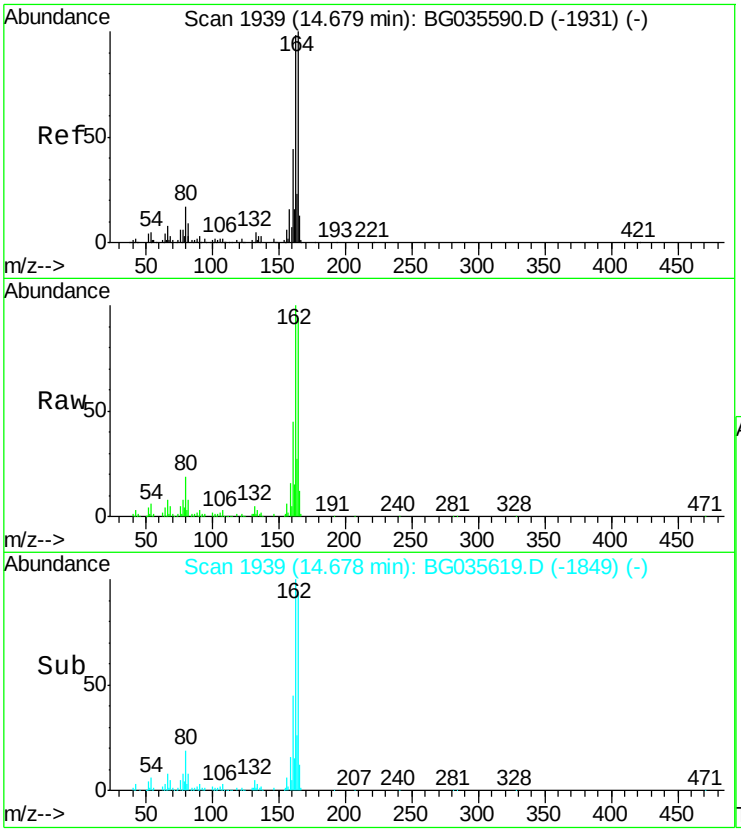


#23
Nitrobenzene-d5
Concen: 101.697 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BG035619.D
Acq: 13 Jul 2018 7:33

Tgt Ion: 82 Resp: 434205

Ion	Ratio	Lower	Upper
82	100		
128	32.5	29.7	44.5
54	45.4	43.1	64.7



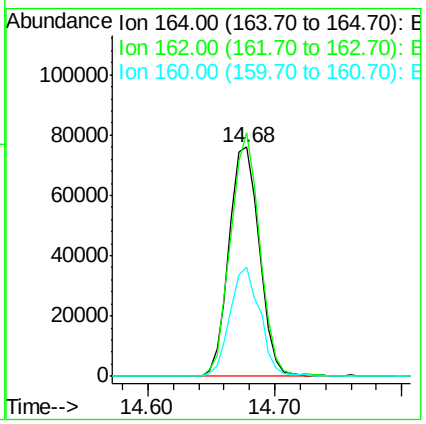


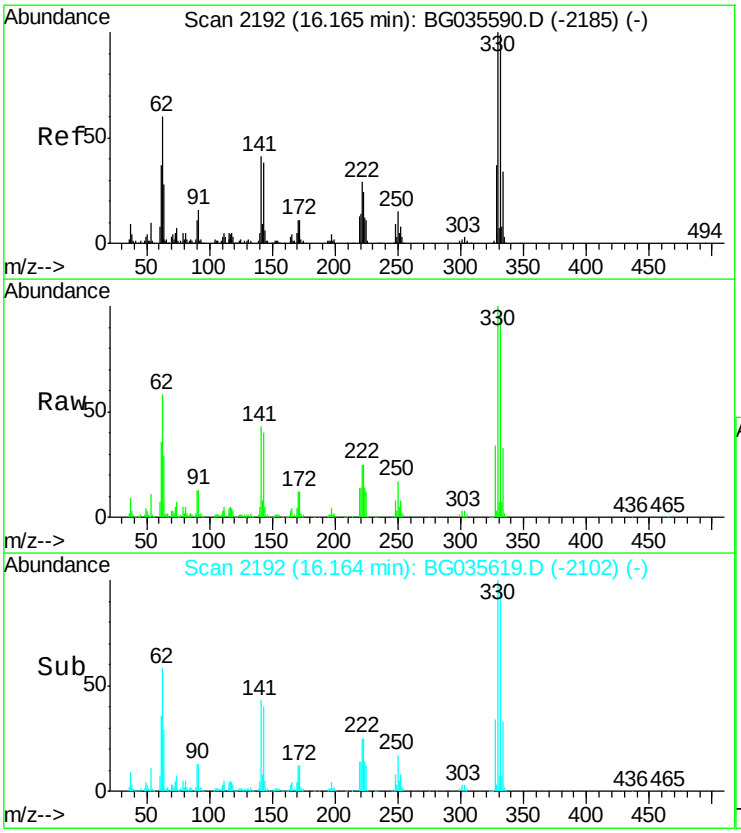
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BG035619.D
Acq: 13 Jul 2018 7:33

Instrument :
BNA_G
ClientSampleId :
CL-02-071118-C

Tgt Ion:164 Resp: 126176

Ion	Ratio	Lower	Upper
164	100		
162	106.2	78.8	118.2
160	47.6	35.4	53.0

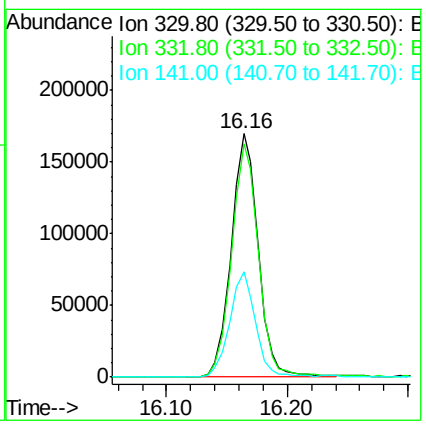


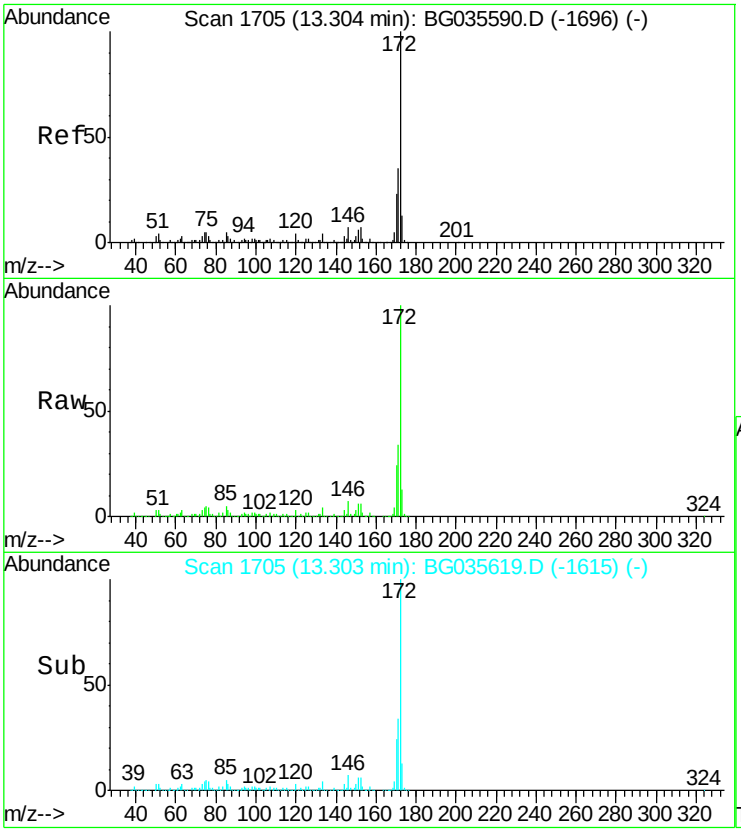


#41
2,4,6-Tribromophenol
Concen: 159.486 ng
RT: 16.16 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BG035619.D
Acq: 13 Jul 2018 7:33

Tgt Ion:330 Resp: 265238

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	41.1	25.2	37.8#



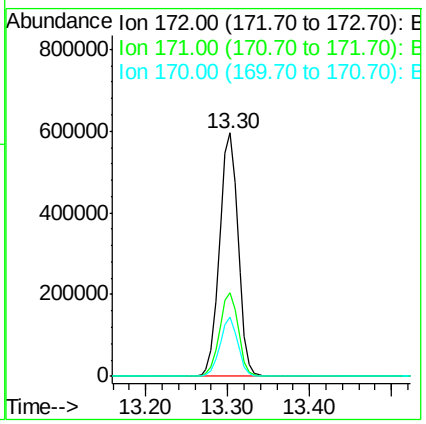


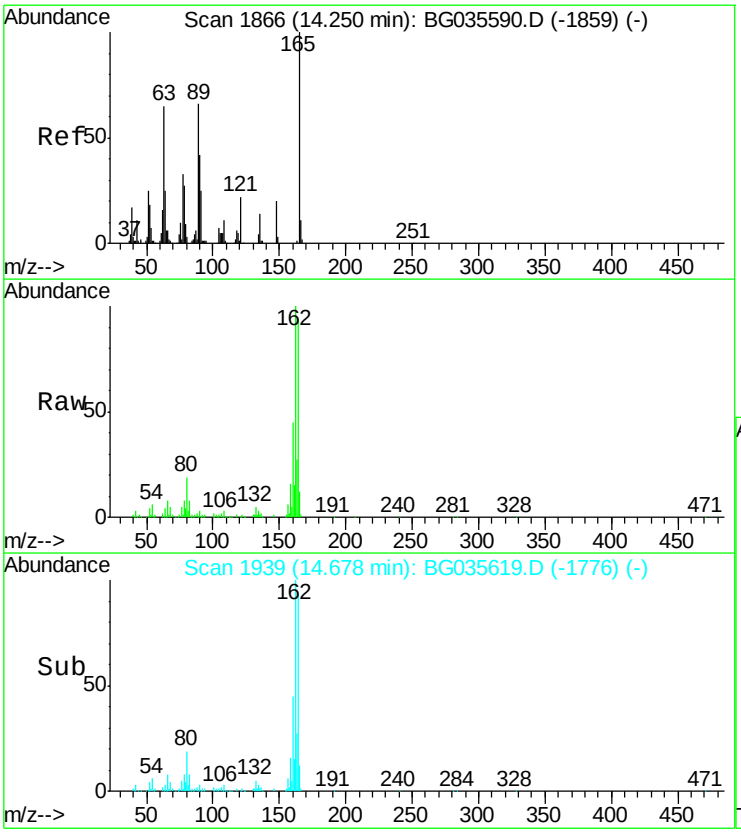
#44
2-Fluorobiphenyl
Concen: 100.037 ng
RT: 13.30 min Scan# 1705
Delta R.T. -0.00 min
Lab File: BG035619.D
Acq: 13 Jul 2018 7:33

Instrument :
BNA_G
ClientSampleId :
CL-02-071118-C

Tgt Ion:172 Resp: 942140

Ion	Ratio	Lower	Upper
172	100		
171	34.4	30.0	45.0
170	24.4	19.5	29.3

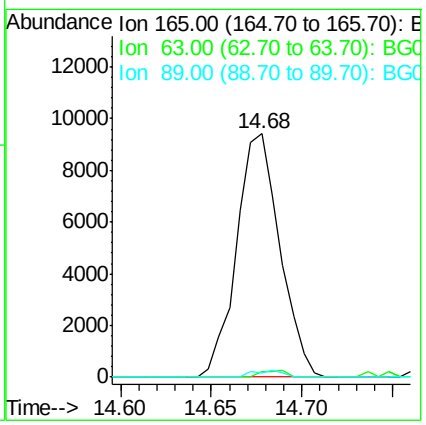


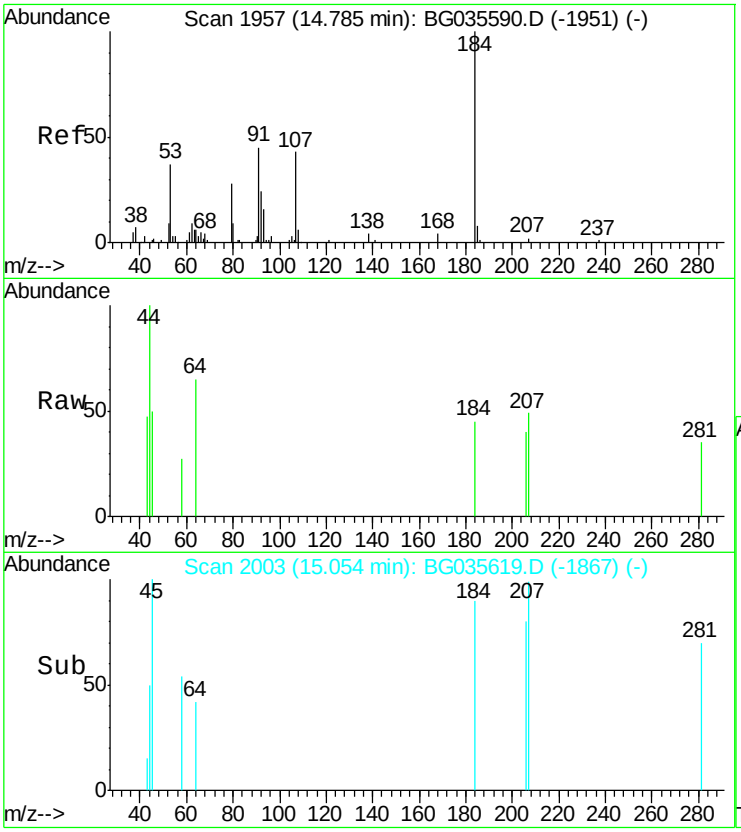


#50
2,6-Dinitrotoluene
Concen: 6.938 ng
RT: 14.68 min Scan# 1939
Delta R.T. 0.43 min
Lab File: BG035619.D
Acq: 13 Jul 2018 7:33

Tgt Ion:165 Resp: 15619

Ion	Ratio	Lower	Upper
165	100		
63	2.1	52.7	79.1#
89	1.9	49.2	73.8#



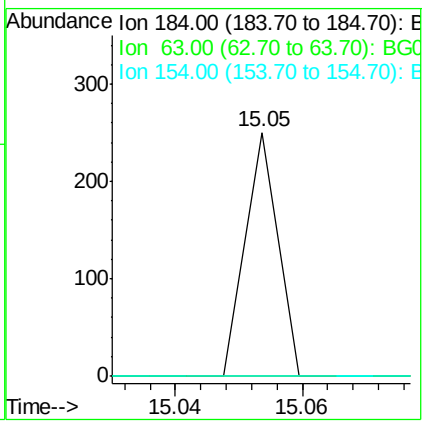


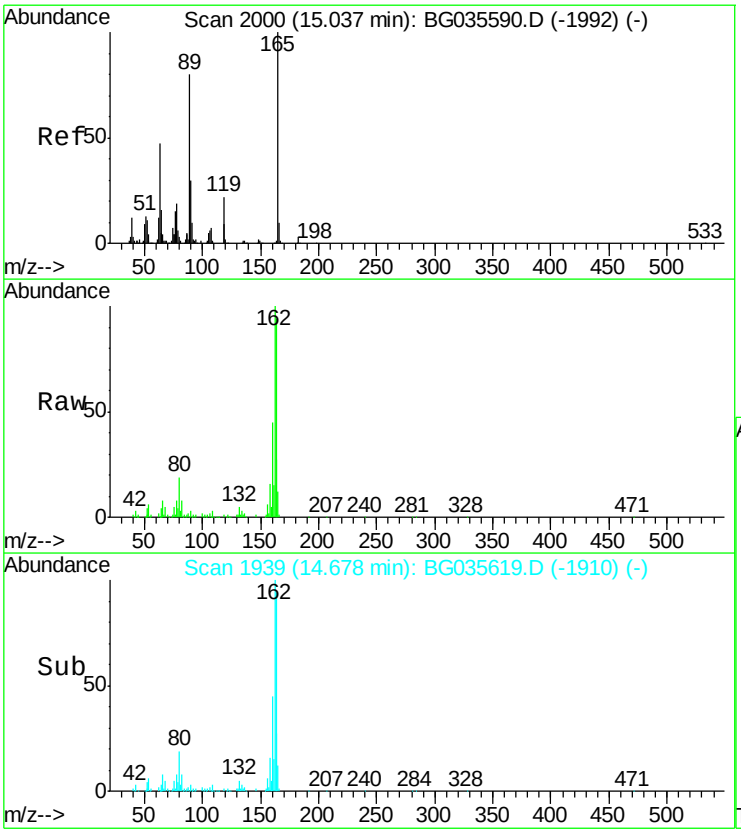
#53
2,4-Dinitrophenol
Concen: 6.652 ng
RT: 15.05 min Scan# 2003
Delta R.T. 0.27 min
Lab File: BG035619.D
Acq: 13 Jul 2018 7:33

Instrument :
BNA_G
ClientSampleId :
CL-02-071118-C

Tgt Ion:184 Resp: 88

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

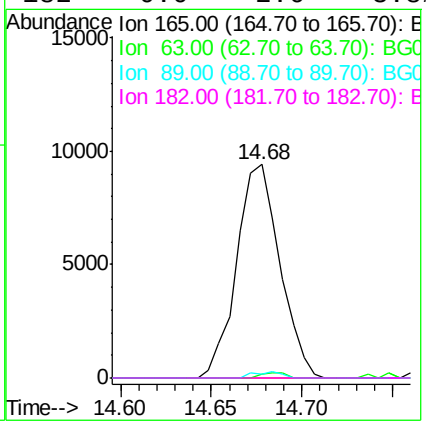


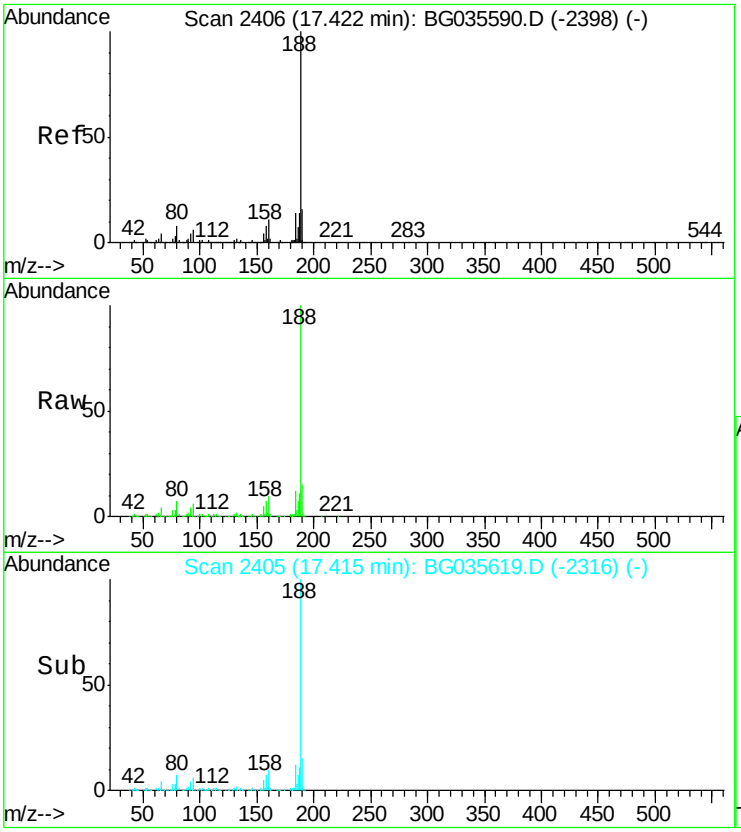


#56
2,4-Dinitrotoluene
Concen: 4.836 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.36 min
Lab File: BG035619.D
Acq: 13 Jul 2018 7:33

Tgt Ion:165 Resp: 15619

Ion	Ratio	Lower	Upper
165	100		
63	2.1	42.0	63.0#
89	1.9	66.9	100.3#
182	0.0	2.6	3.8#



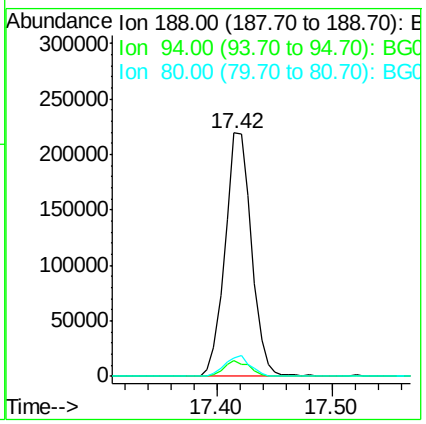


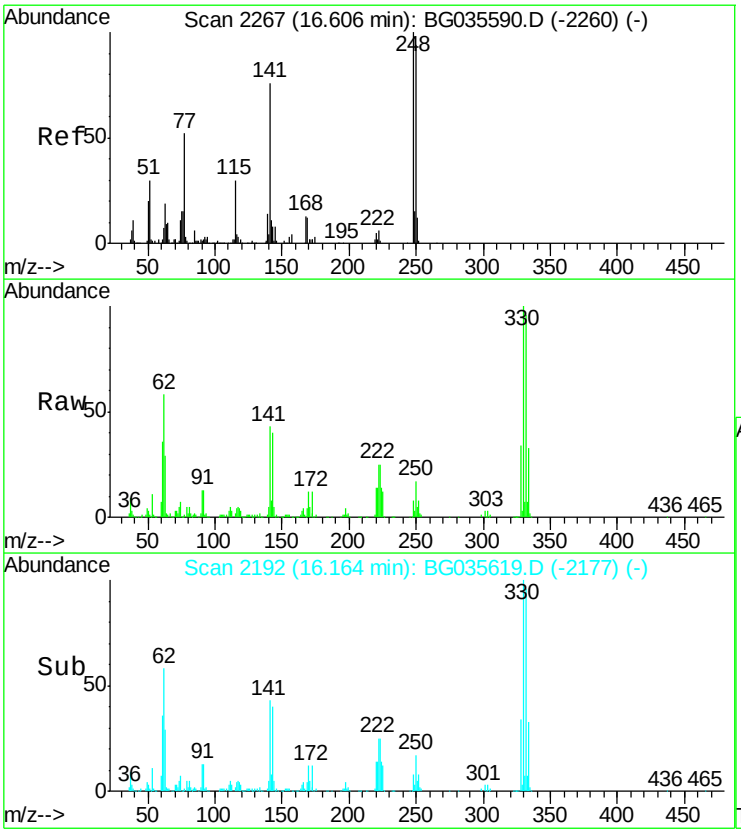
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG035619.D
Acq: 13 Jul 2018 7:33

Instrument :
BNA_G
ClientSampleId :
CL-02-071118-C

Tgt Ion:188 Resp: 349012

Ion	Ratio	Lower	Upper
188	100		
94	6.4	6.9	10.3#
80	7.3	7.7	11.5#

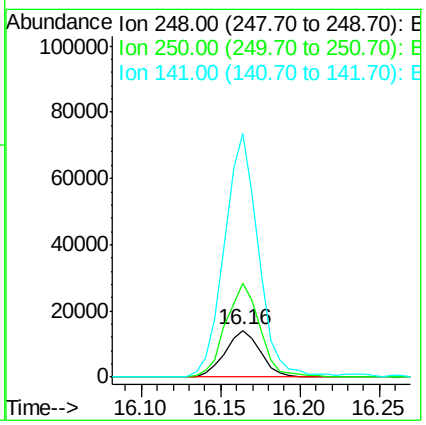


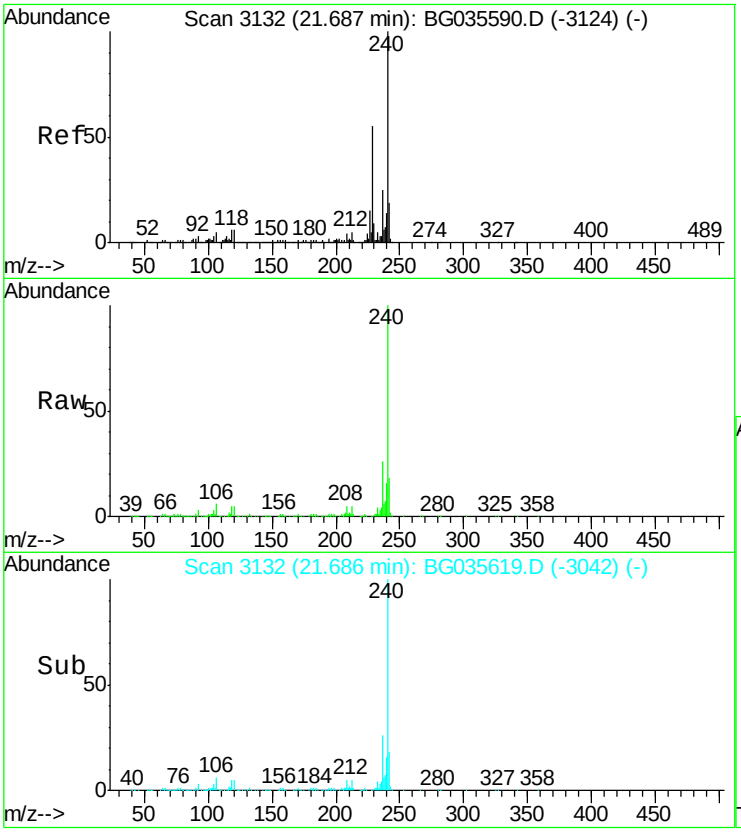


#66
4-Bromophenyl-phenylether
Concen: 5.305 ng
RT: 16.16 min Scan# 2192
Delta R.T. -0.44 min
Lab File: BG035619.D
Acq: 13 Jul 2018 7:33

Tgt Ion:248 Resp: 21482

Ion	Ratio	Lower	Upper
248	100		
250	200.4	77.1	115.7#
141	521.3	50.8	76.2#



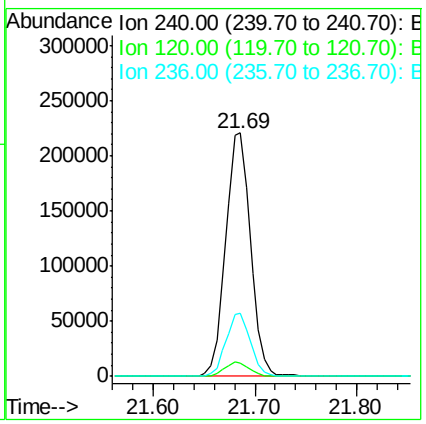


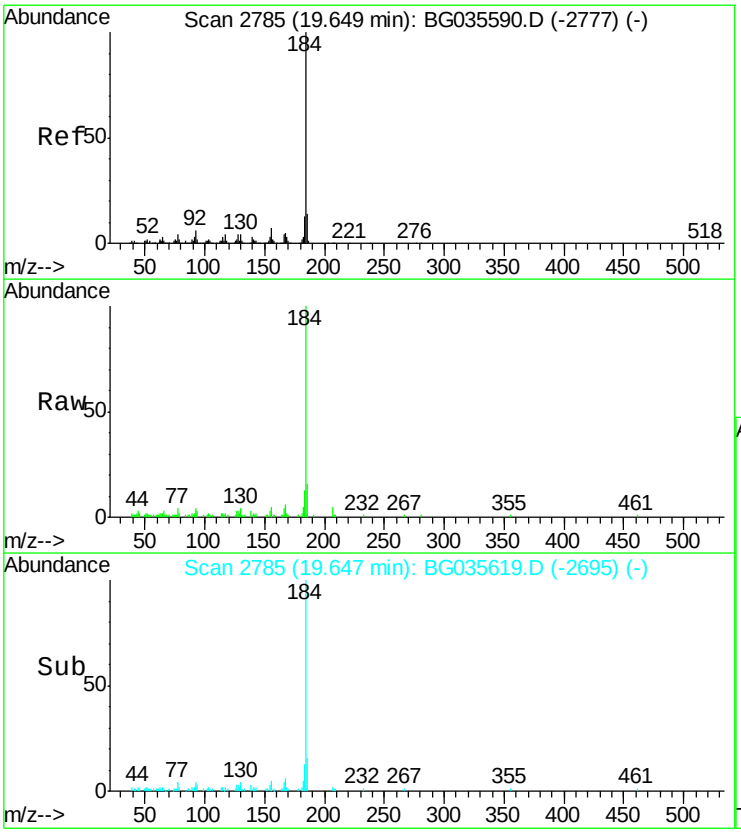
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.00 min
Lab File: BG035619.D
Acq: 13 Jul 2018 7:33

Instrument :
BNA_G
ClientSampleId :
CL-02-071118-C

Tgt Ion:240 Resp: 376047

Ion	Ratio	Lower	Upper
240	100		
120	5.3	6.8	10.2#
236	25.9	20.9	31.3

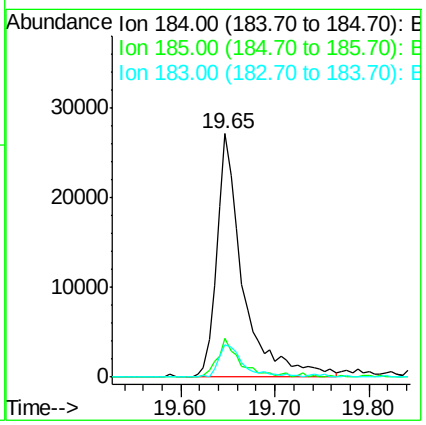


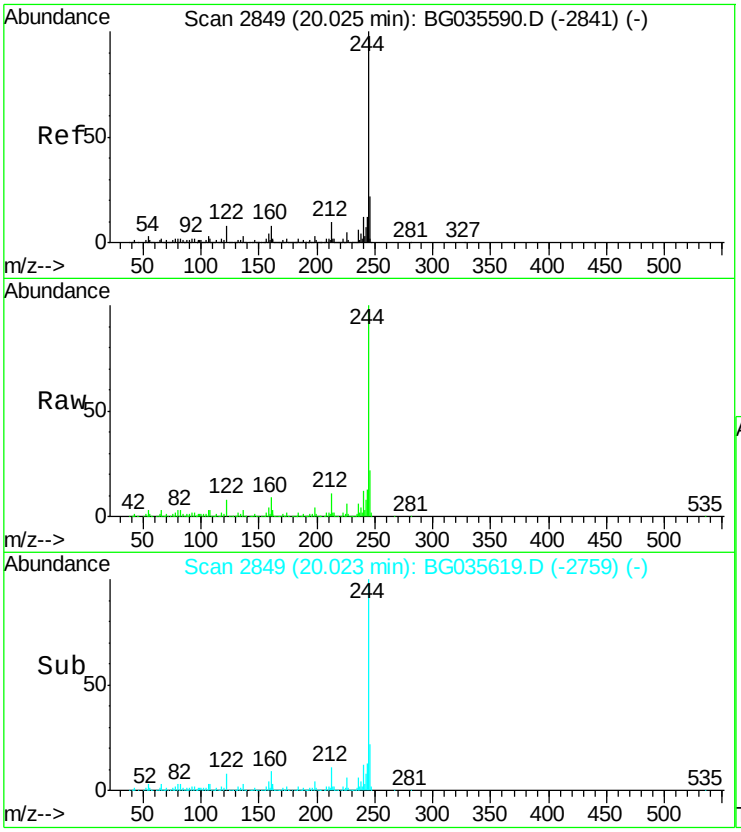


#76
Benzidine
Concen: 5.294 ng
RT: 19.65 min Scan# 2785
Delta R.T. -0.00 min
Lab File: BG035619.D
Acq: 13 Jul 2018 7:33

Tgt Ion:184 Resp: 52343

Ion	Ratio	Lower	Upper
184	100		
185	16.1	11.1	16.7
183	13.3	10.6	16.0



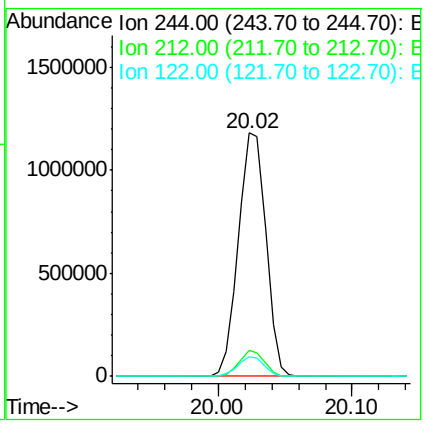


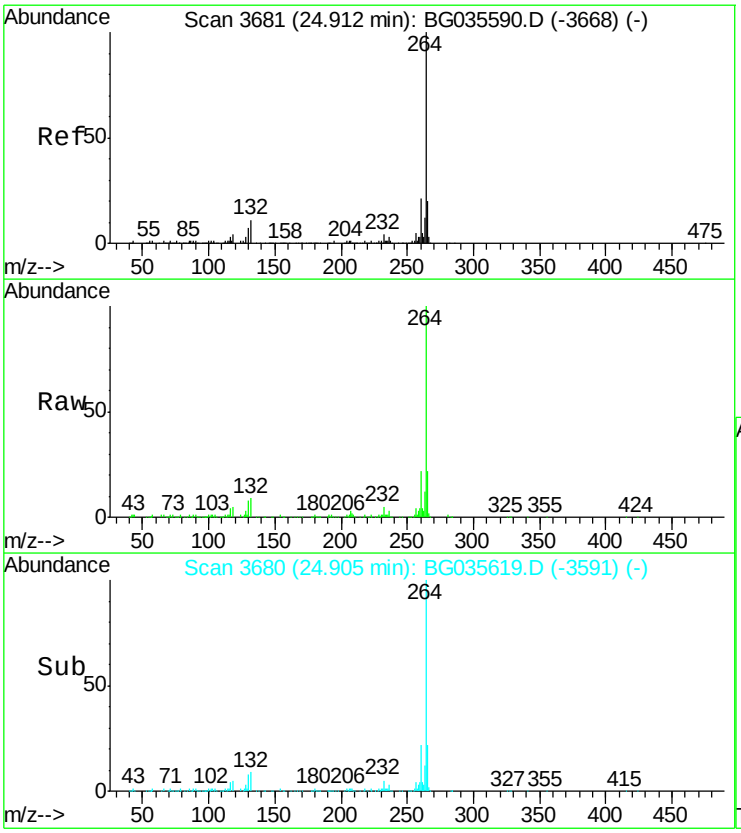
#78
Terphenyl-d14
Concen: 98.837 ng
RT: 20.02 min Scan# 2849
Delta R.T. -0.00 min
Lab File: BG035619.D
Acq: 13 Jul 2018 7:33

Instrument :
BNA_G
ClientSampleId :
CL-02-071118-C

Tgt Ion:244 Resp: 1686129

Ion	Ratio	Lower	Upper
244	100		
212	10.5	5.8	8.8#
122	7.8	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: BG035619.D
Acq: 13 Jul 2018 7:33

Tgt Ion:264 Resp: 341890

Ion	Ratio	Lower	Upper
264	100		
260	22.1	17.4	26.0
265	22.2	17.7	26.5