Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071918\
Data File : BG035759.D
Acq On : 19 Jul 2018 21:26
Operator : JU/SJ
Sample : J4030-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB1-12-0

Quant Time: Jul 20 01:59:00 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	8.03	152	47652	20.00	ng	-0.01
21) Naphthalene-d8	10.83	136	159329	20.00	ng	-0.01
38) Acenaphthene-d10	14.65	164	109393	20.00	ng	-0.01
63) Phenanthrene-d10	17.40	188	306634	20.00	ng	0.00
75) Chrysene-d12	21.66	240	396936	20.00	ng	-0.02
86) Perylene-d12	24.86	264	370839	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	362500	126.30	ng	0.00
7) Phenol-d6	7.20	99	442955	103.44	ng	0.00
23) Nitrobenzene-d5	9.19	82	362684	95.09	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	236189	163.81	ng	-0.01
44) 2-Fluorobiphenyl	13.27	172	803174	98.37	ng	-0.01
78) Terphenyl-d14	20.01	244	1741088	96.69	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.19	70	49309	13.674	ng	# 72
50) 2,6-Dinitrotoluene	14.65	165	13022	6.672	ng	# 20
56) 2,4-Dinitrotoluene	14.65	165	13022	4.651	ng	# 18
66) 4-Bromophenyl-phenylether	16.14	248	19956	5.610	ng	# 1
76) Benzidine	20.01	184	32417	3.106	ng	# 86

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071918\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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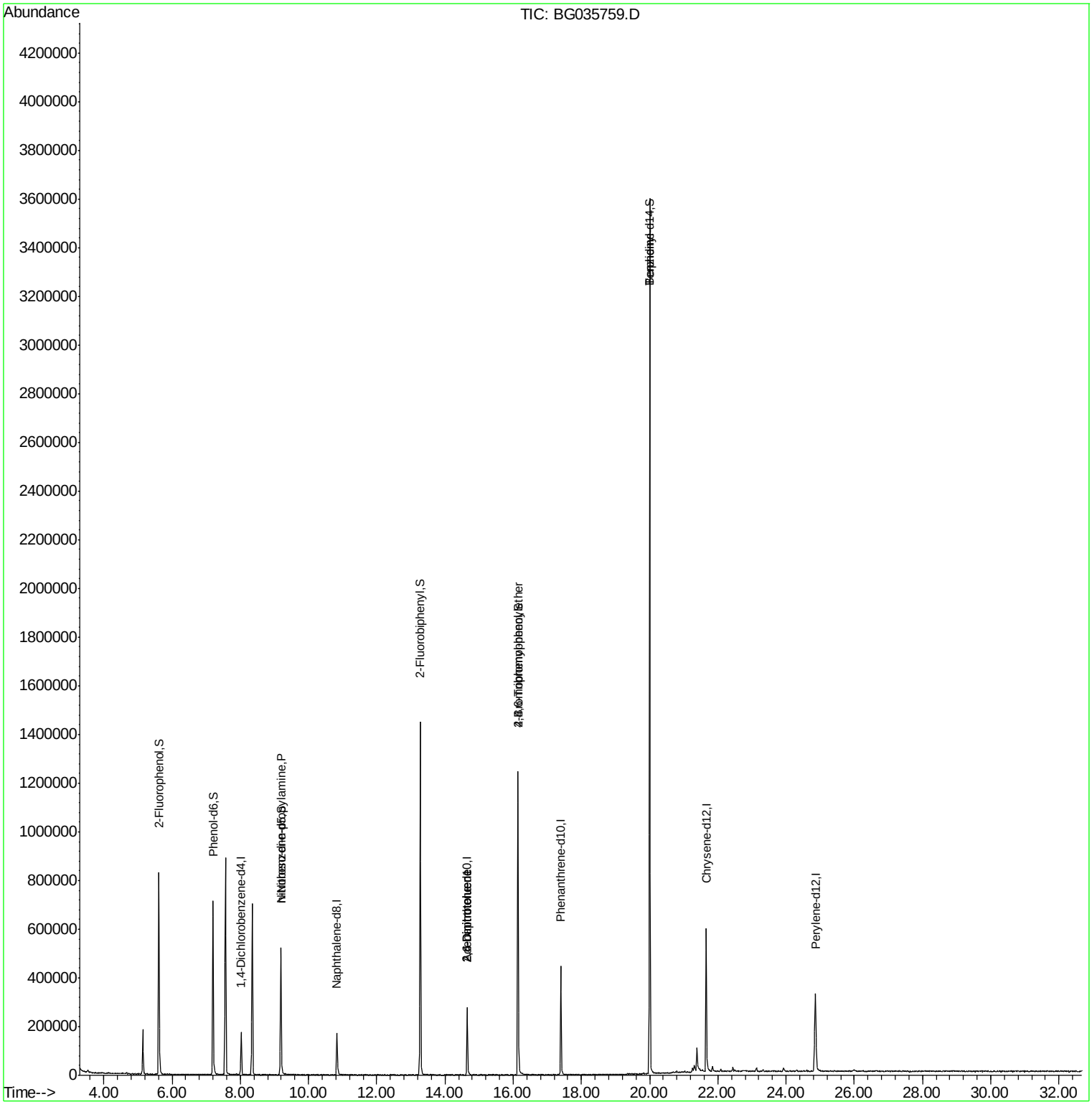
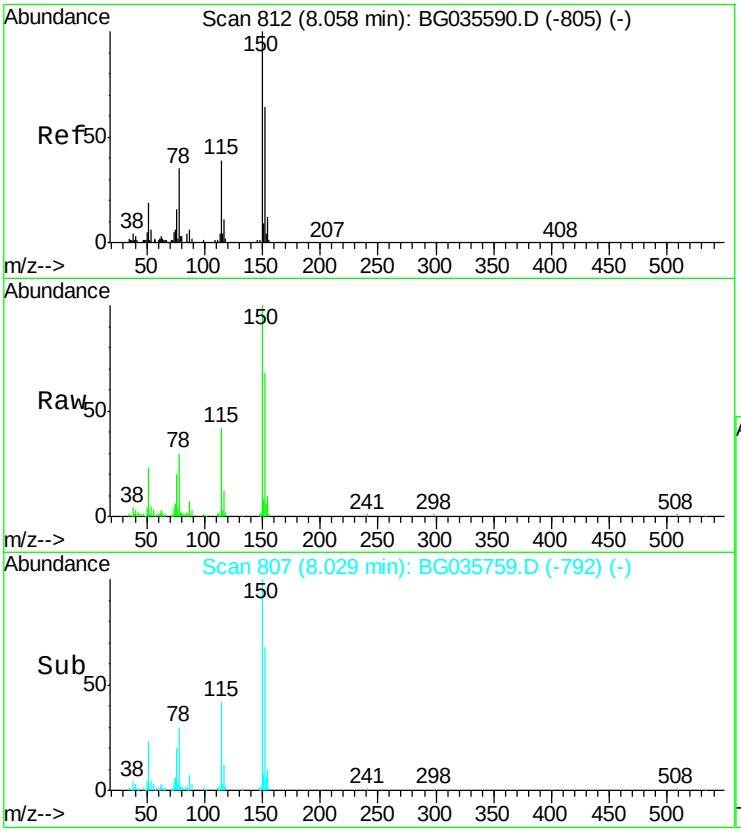
Response via : Initial Calibration



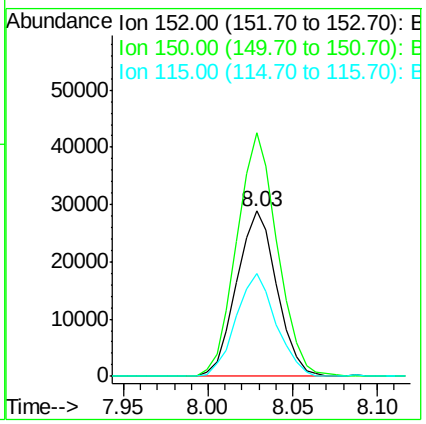


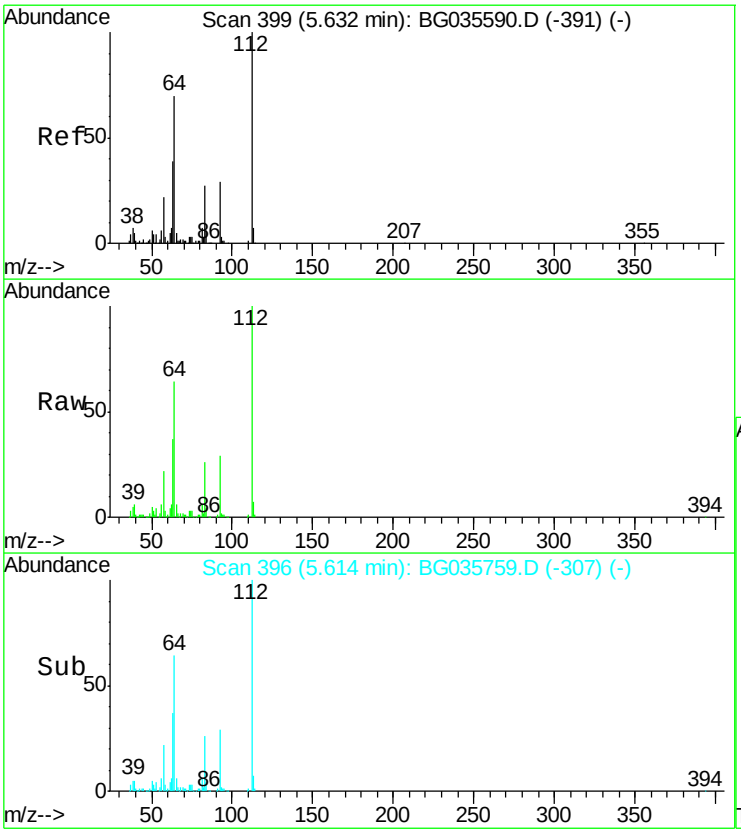
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG035759.D
Acq: 19 Jul 2018 21:26

Instrument :
BNA_G
ClientSampleId :
SB1-12-0

Tgt Ion:152 Resp: 47652

Ion	Ratio	Lower	Upper
152	100		
150	147.6	126.6	189.8
115	62.6	53.0	79.4

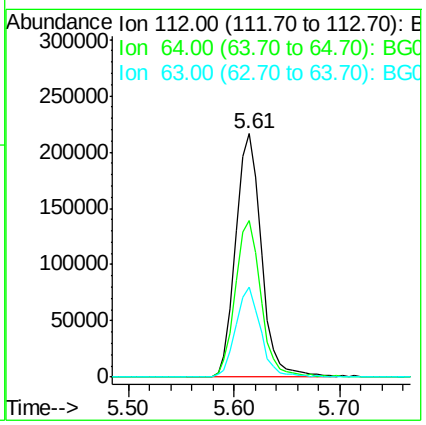


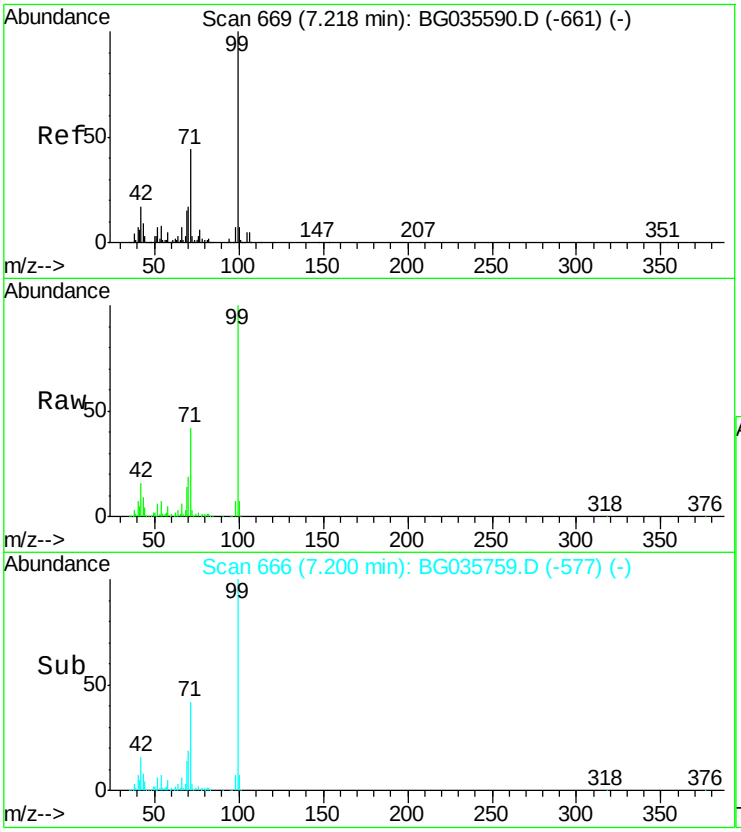


#5
2-Fluorophenol
Concen: 126.298 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG035759.D
Acq: 19 Jul 2018 21:26

Tgt Ion:112 Resp: 362500

Ion	Ratio	Lower	Upper
112	100		
64	64.5	56.3	84.5
63	37.1	30.1	45.1



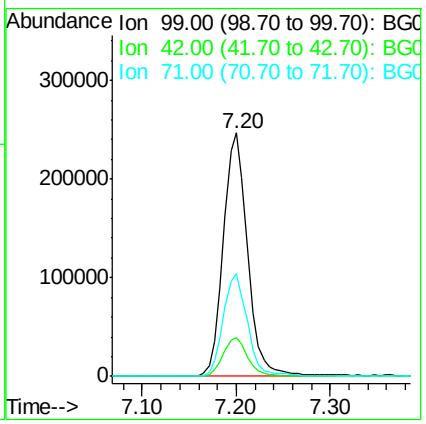


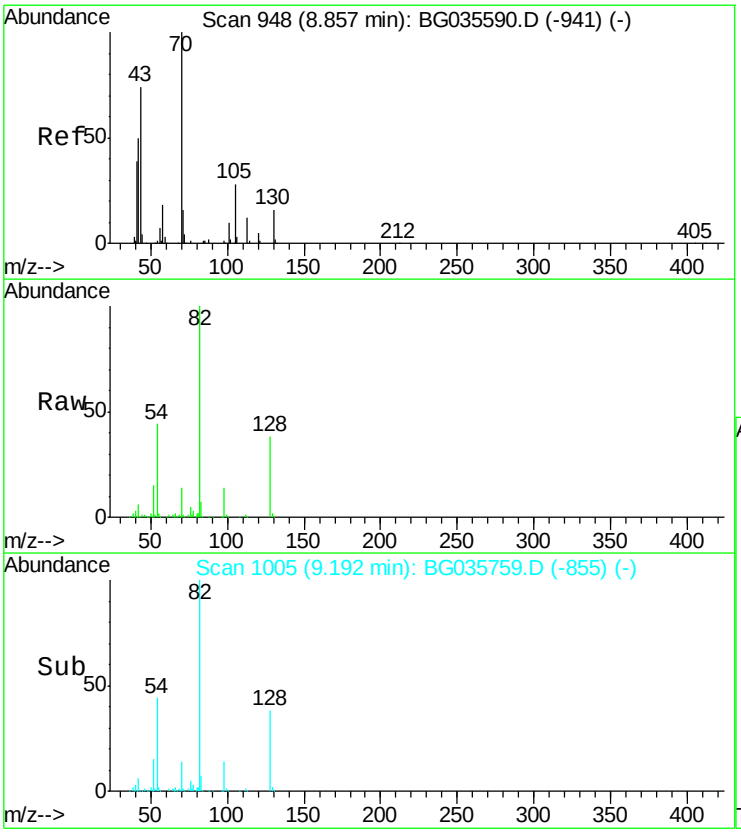
#7
Phenol-d6
Concen: 103.439 ng
RT: 7.20 min Scan# 666
Delta R.T. -0.01 min
Lab File: BG035759.D
Acq: 19 Jul 2018 21:26

Instrument :
BNA_G
ClientSampleId :
SB1-12-0

Tgt Ion: 99 Resp: 442955

Ion	Ratio	Lower	Upper
99	100		
42	16.0	14.1	21.1
71	42.5	26.1	39.1#

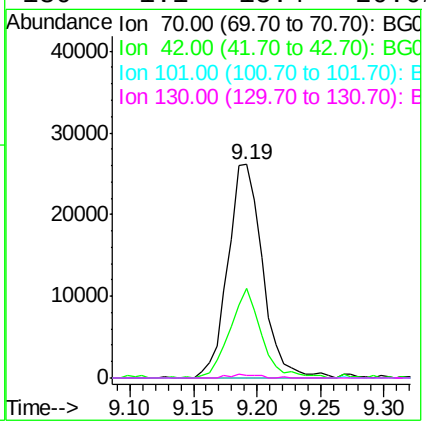


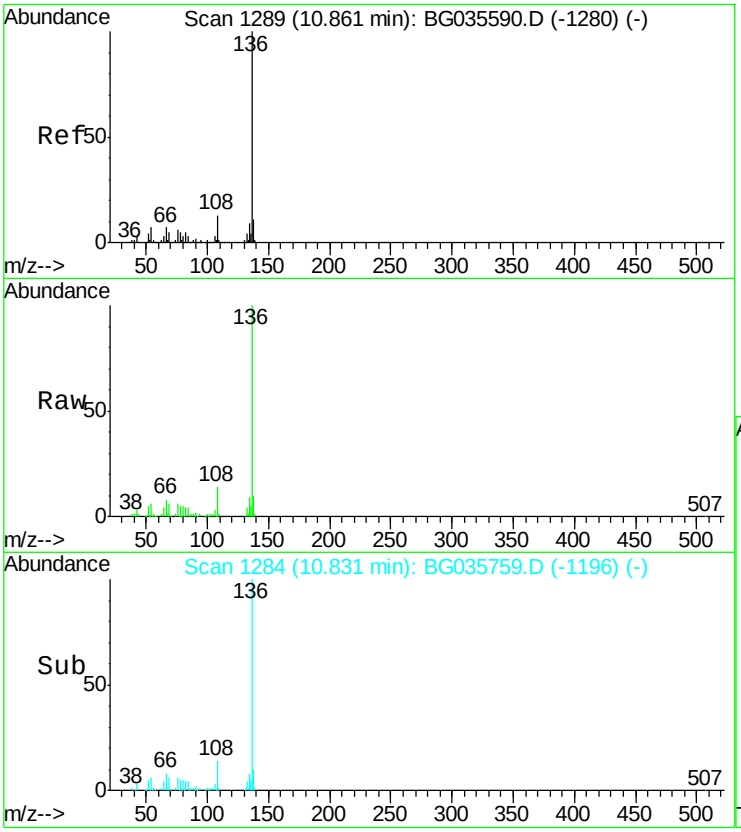


#19
n-Nitroso-di-n-propylamine
Concen: 13.674 ng
RT: 9.19 min Scan# 1005
Delta R.T. 0.35 min
Lab File: BG035759.D
Acq: 19 Jul 2018 21:26

Tgt Ion: 70 Resp: 49309

Ion	Ratio	Lower	Upper
70	100		
42	41.8	49.1	73.7#
101	0.0	8.5	12.7#
130	1.1	13.4	20.0#



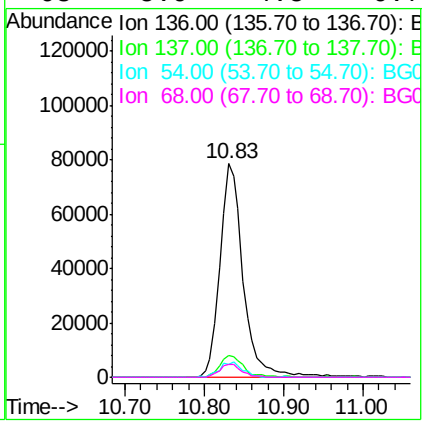


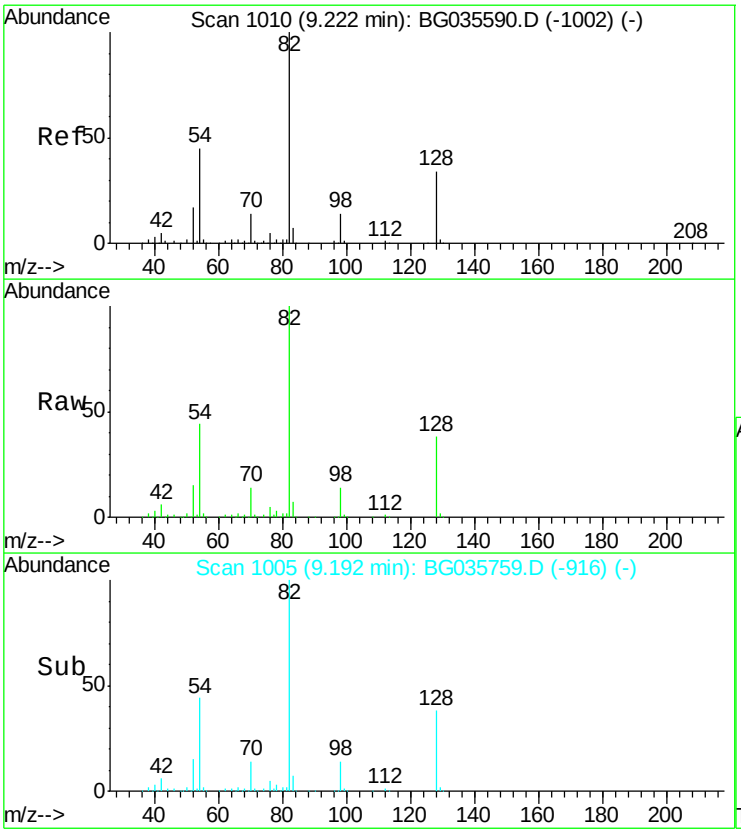
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BG035759.D
Acq: 19 Jul 2018 21:26

Instrument :
BNA_G
ClientSampleId :
SB1-12-0

Tgt Ion:136 Resp: 159329

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.2	13.8
54	6.2	10.3	15.5#
68	5.9	4.5	6.7

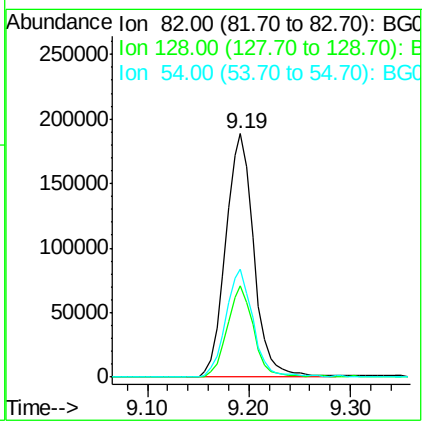


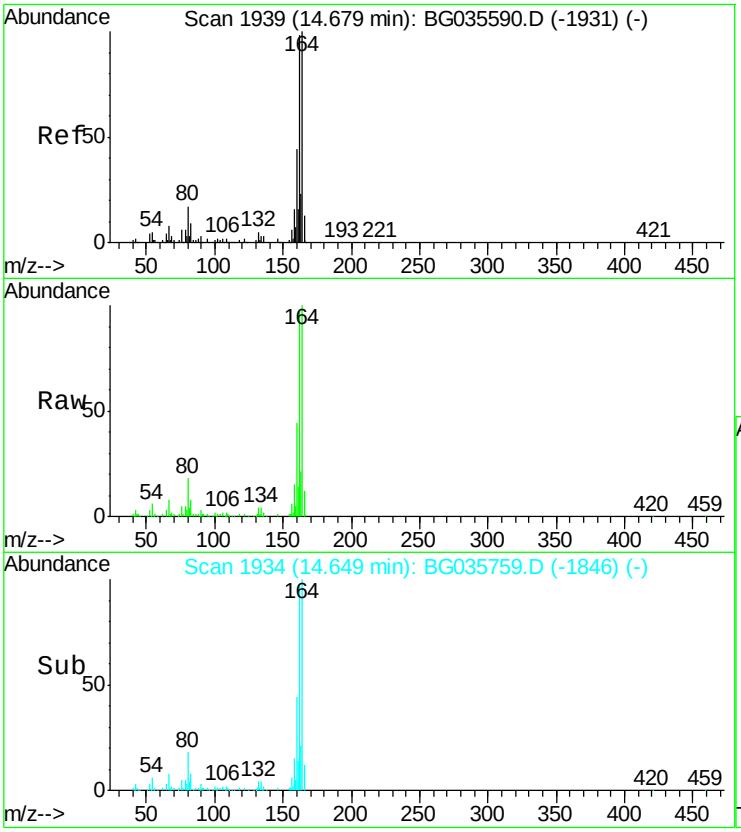


#23
Nitrobenzene-d5
Concen: 95.093 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BG035759.D
Acq: 19 Jul 2018 21:26

Tgt Ion: 82 Resp: 362684

Ion	Ratio	Lower	Upper
82	100		
128	37.7	29.7	44.5
54	44.2	43.1	64.7



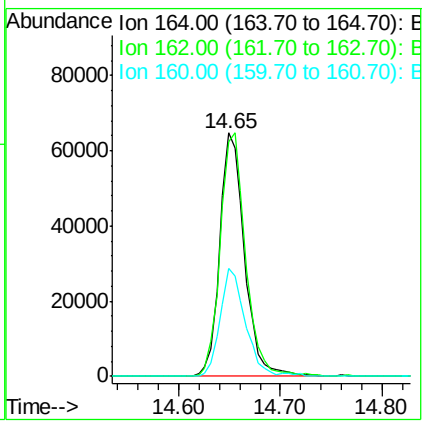


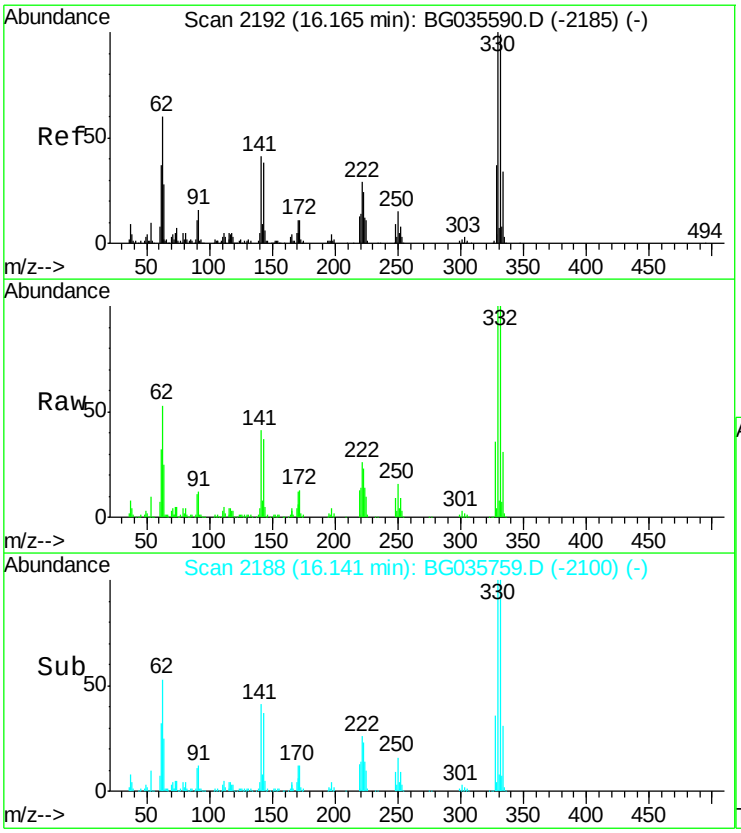
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BG035759.D
Acq: 19 Jul 2018 21:26

Instrument :
BNA_G
ClientSampleId :
SB1-12-0

Tgt Ion:164 Resp: 109393

Ion	Ratio	Lower	Upper
164	100		
162	96.6	78.8	118.2
160	44.1	35.4	53.0

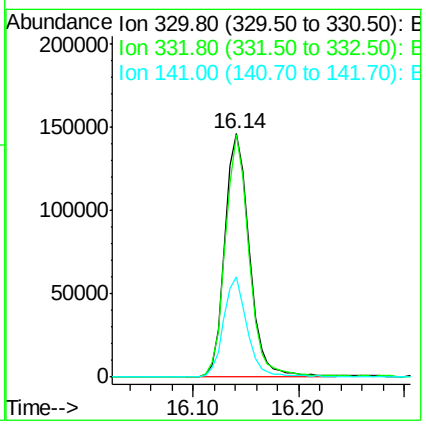


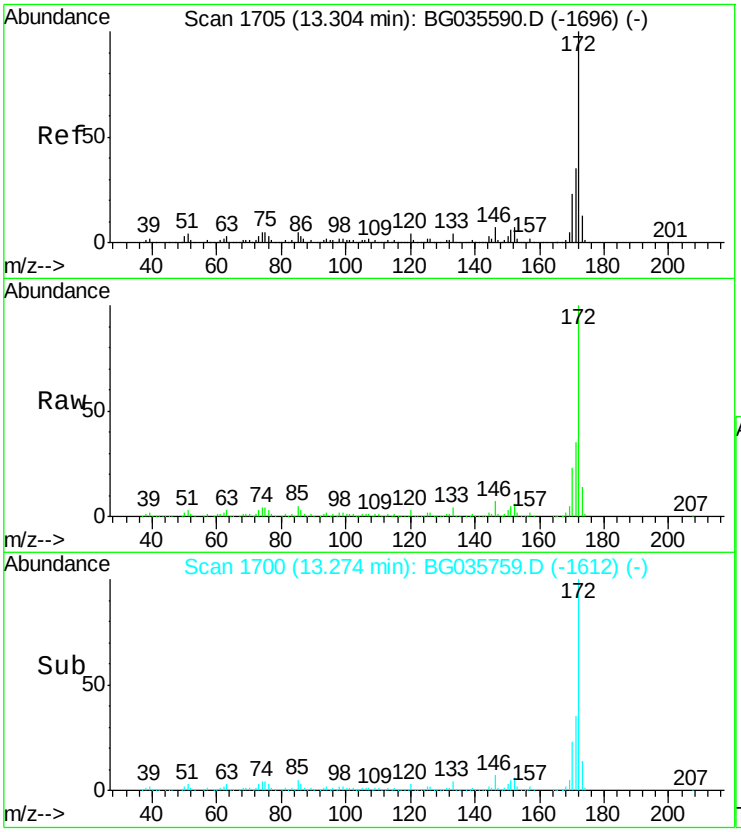


#41
2,4,6-Tribromophenol
Concen: 163.807 ng
RT: 16.14 min Scan# 2188
Delta R.T. -0.01 min
Lab File: BG035759.D
Acq: 19 Jul 2018 21:26

Tgt Ion:330 Resp: 236189

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	39.3	25.2	37.8#



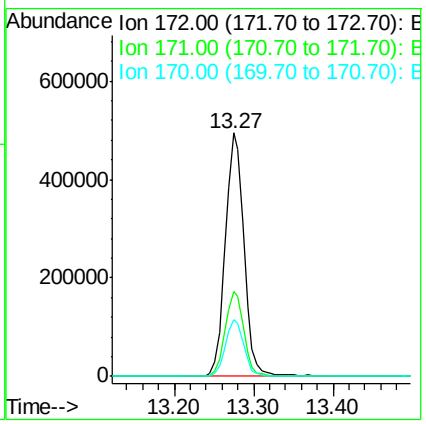


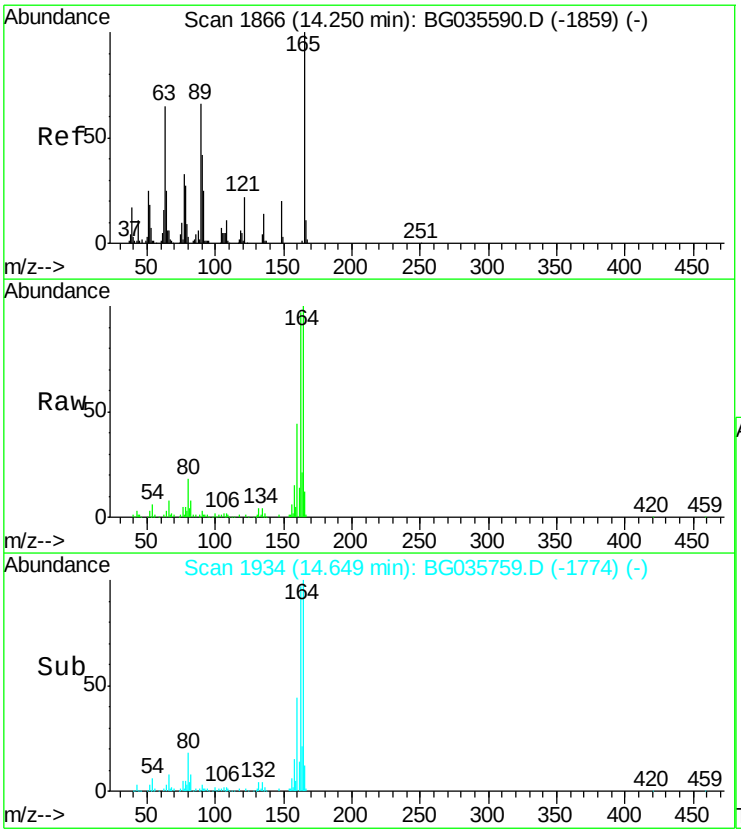
#44
2-Fluorobiphenyl
Concen: 98.365 ng
RT: 13.27 min Scan# 1700
Delta R.T. -0.01 min
Lab File: BG035759.D
Acq: 19 Jul 2018 21:26

Instrument :
BNA_G
ClientSampleId :
SB1-12-0

Tgt Ion:172 Resp: 803174

Ion	Ratio	Lower	Upper
172	100		
171	35.0	30.0	45.0
170	23.4	19.5	29.3

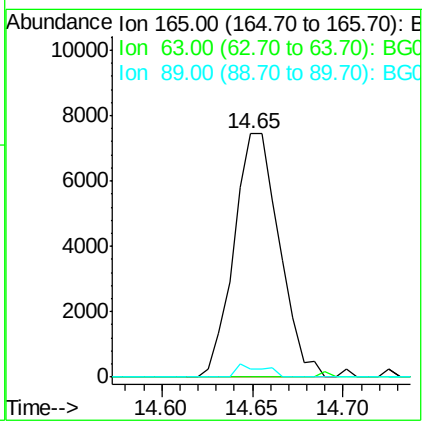


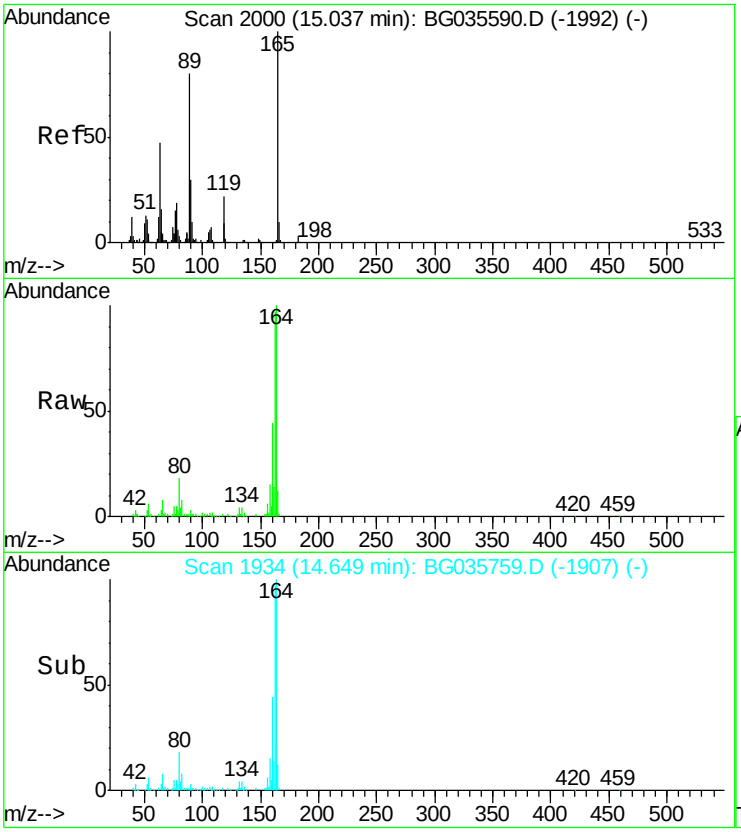


#50
2,6-Dinitrotoluene
Concen: 6.672 ng
RT: 14.65 min Scan# 1934
Delta R.T. 0.41 min
Lab File: BG035759.D
Acq: 19 Jul 2018 21:26

Tgt Ion:165 Resp: 13022

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	3.2	49.2	73.8#



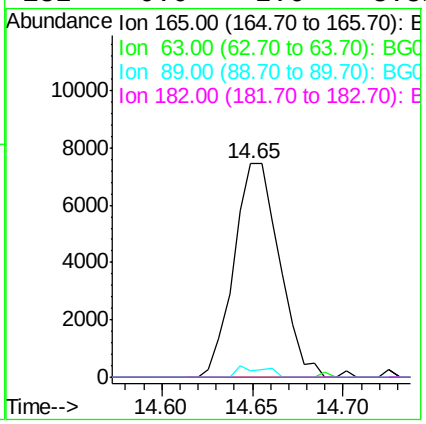


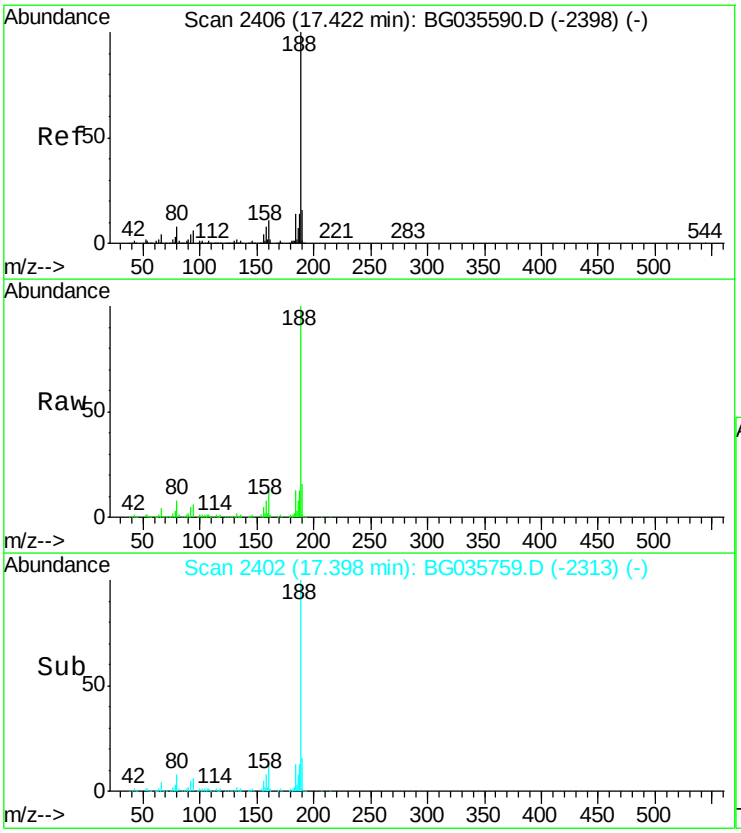
#56
2,4-Dinitrotoluene
Concen: 4.651 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.37 min
Lab File: BG035759.D
Acq: 19 Jul 2018 21:26

Instrument :
BNA_G
ClientSampleId :
SB1-12-0

Tgt Ion:165 Resp: 13022

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	3.2	66.9	100.3#
182	0.0	2.6	3.8#

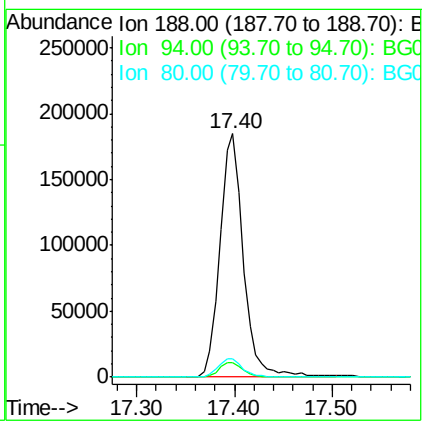


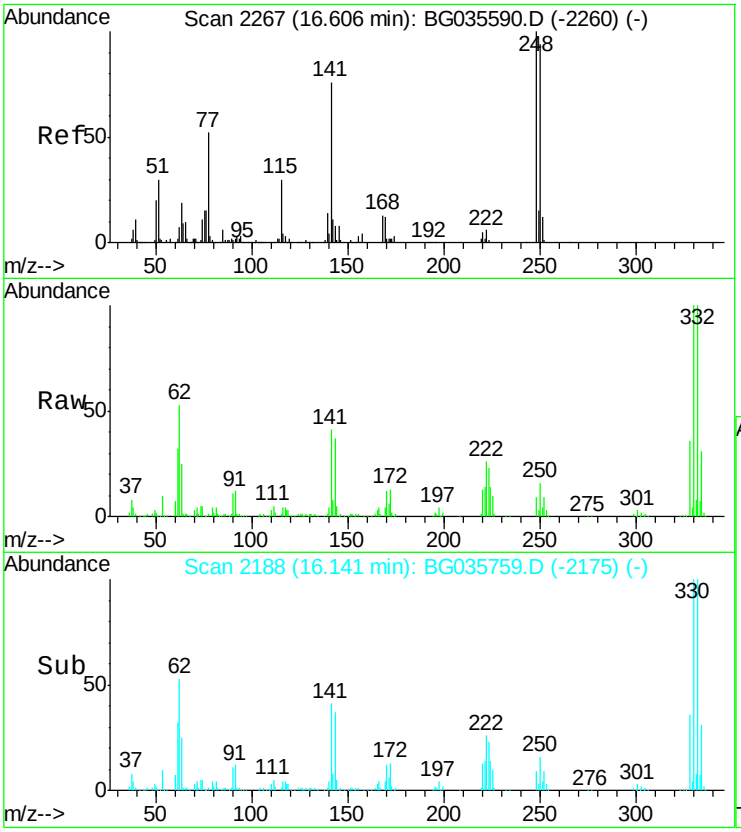


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2402
Delta R.T. -0.01 min
Lab File: BG035759.D
Acq: 19 Jul 2018 21:26

Tgt Ion:188 Resp: 306634

Ion	Ratio	Lower	Upper
188	100		
94	5.7	6.9	10.3#
80	7.7	7.7	11.5



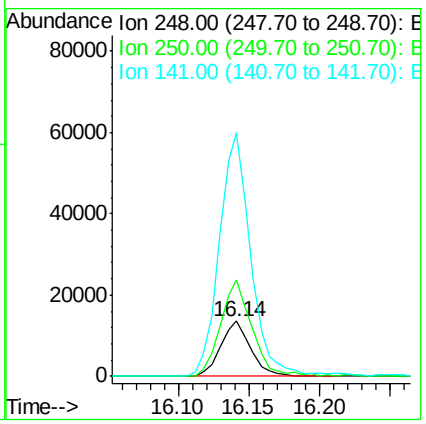


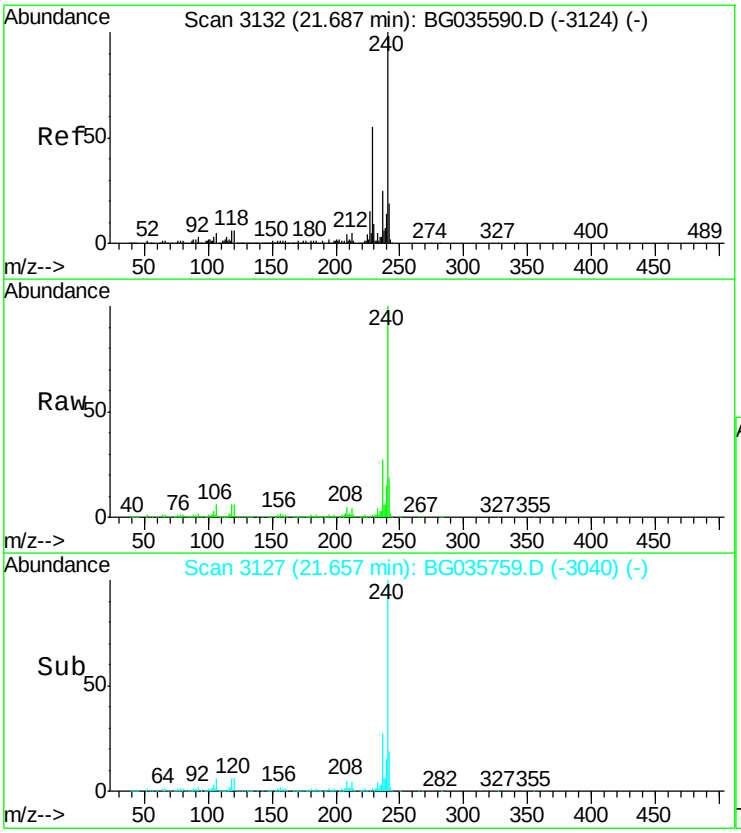
#66
4-Bromophenyl-phenylether
Concen: 5.610 ng
RT: 16.14 min Scan# 2188
Delta R.T. -0.45 min
Lab File: BG035759.D
Acq: 19 Jul 2018 21:26

Instrument :
BNA_G
ClientSampleId :
SB1-12-0

Tgt Ion:248 Resp: 19956

Ion	Ratio	Lower	Upper
248	100		
250	174.4	77.1	115.7#
141	441.1	50.8	76.2#

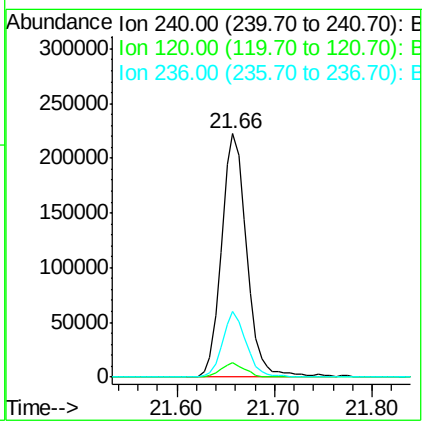


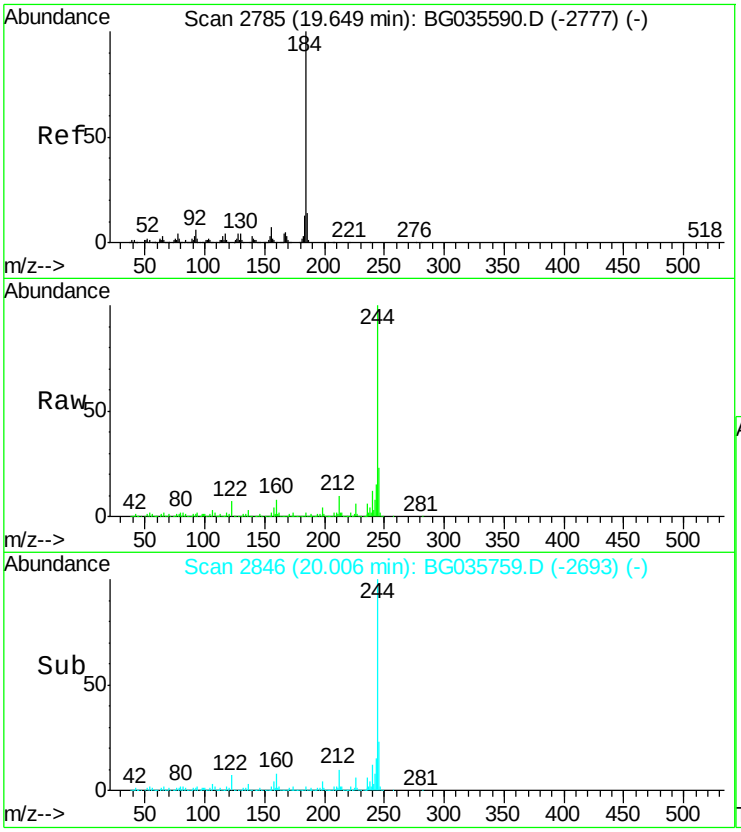


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.02 min
Lab File: BG035759.D
Acq: 19 Jul 2018 21:26

Tgt Ion:240 Resp: 396936

Ion	Ratio	Lower	Upper
240	100		
120	6.2	6.8	10.2#
236	27.0	20.9	31.3



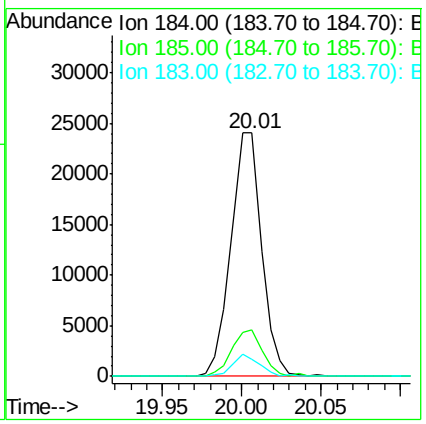


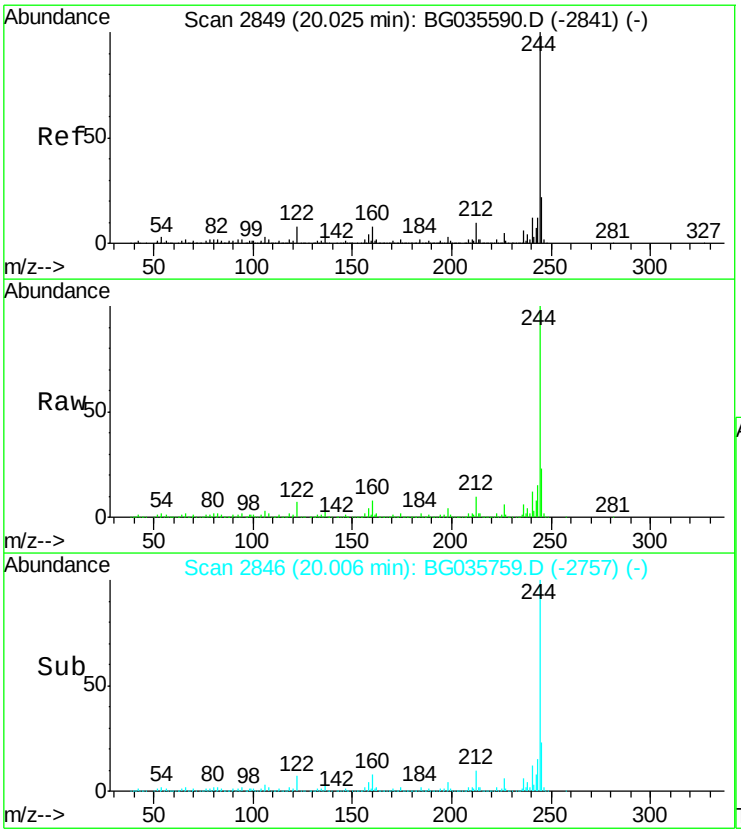
#76
Benzidine
Concen: 3.106 ng
RT: 20.01 min Scan# 2846
Delta R.T. 0.37 min
Lab File: BG035759.D
Acq: 19 Jul 2018 21:26

Instrument :
BNA_G
ClientSampleId :
SB1-12-0

Tgt Ion:184 Resp: 32417

Ion	Ratio	Lower	Upper
184	100		
185	19.2	11.1	16.7#
183	7.2	10.6	16.0#

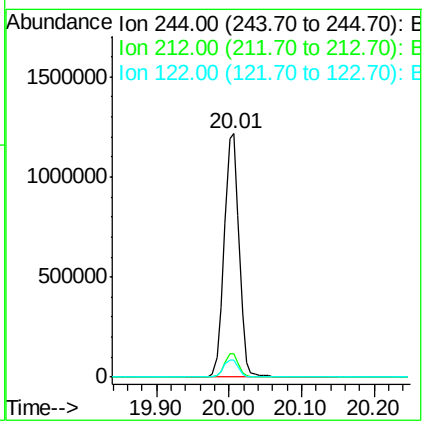


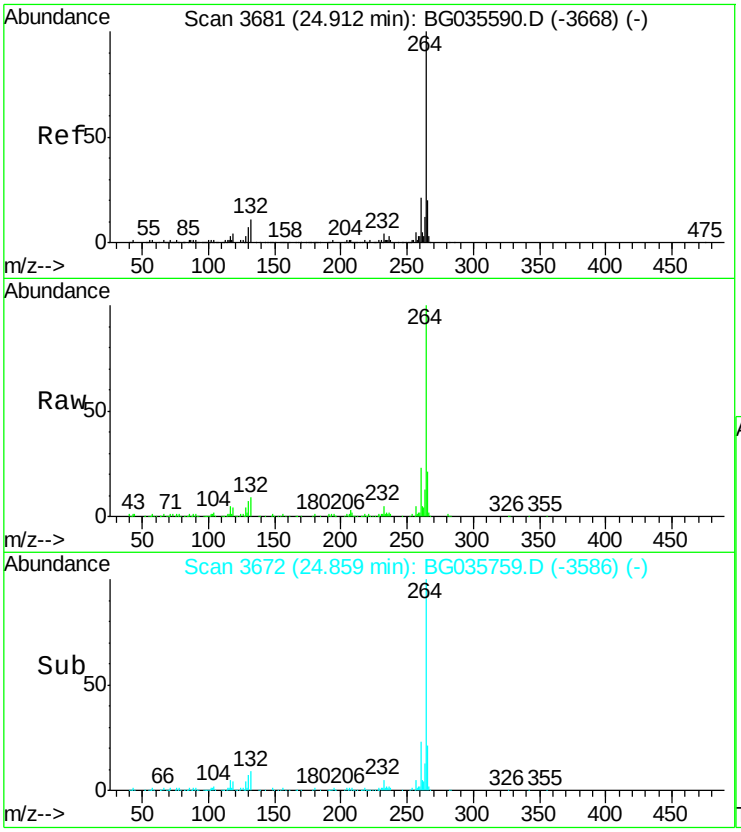


#78
Terphenyl-d14
Concen: 96.688 ng
RT: 20.01 min Scan# 2846
Delta R.T. -0.01 min
Lab File: BG035759.D
Acq: 19 Jul 2018 21:26

Tgt Ion:244 Resp: 1741088

Ion	Ratio	Lower	Upper
244	100		
212	9.9	5.8	8.8#
122	7.1	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3672
Delta R.T. -0.02 min
Lab File: BG035759.D
Acq: 19 Jul 2018 21:26

Instrument :
BNA_G
ClientSampleId :
SB1-12-0

Tgt Ion:264 Resp: 370839

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.0
265	20.5	17.7	26.5