Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072618\
Data File : BG035921.D
Acq On : 26 Jul 2018 23:06
Operator : JU/SJ
Sample : J4163-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-13B

Quant Time: Jul 27 01:28:41 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	8.03	152	37972	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	147508	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	106830	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	301312	20.00	ng		0.00
75) Chrysene-d12	21.65	240	331499	20.00	ng		0.00
86) Perylene-d12	24.85	264	316207	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	146571	64.08	ng		0.00
7) Phenol-d6	7.19	99	128504	37.66	ng		0.00
23) Nitrobenzene-d5	9.19	82	325268	92.12	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	232495	165.11	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	780101	97.83	ng		0.00
78) Terphenyl-d14	20.00	244	1428559	94.99	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.19	70	45131	15.706	ng	#	66
49) Dimethylphthalate	14.10	163	58516	6.252	ng		100
55) 4-Nitrophenol	14.89	139	2927	2.110	ng	#	13
56) 2,4-Dinitrotoluene	14.64	165	15226	5.568	ng	#	20
66) 4-Bromophenyl-phenylether	16.14	248	18558	5.309	ng	#	1
76) Benzidine	20.00	184	25900	2.972	ng	#	91

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072618\
Data File : BG035921.D
Acq On : 26 Jul 2018 23:06
Operator : JU/SJ
Sample : J4163-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 25 11:04:14 2018
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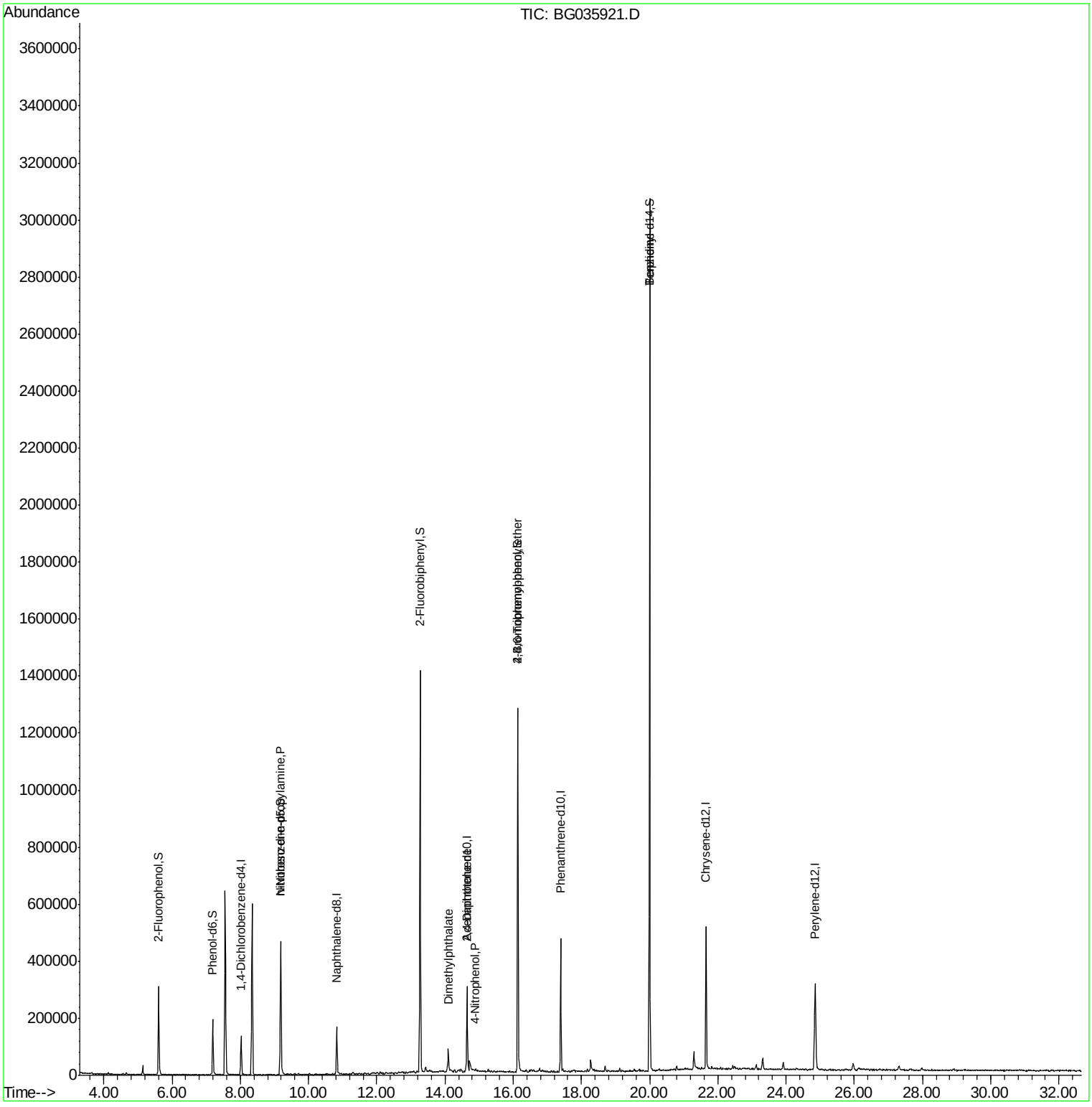
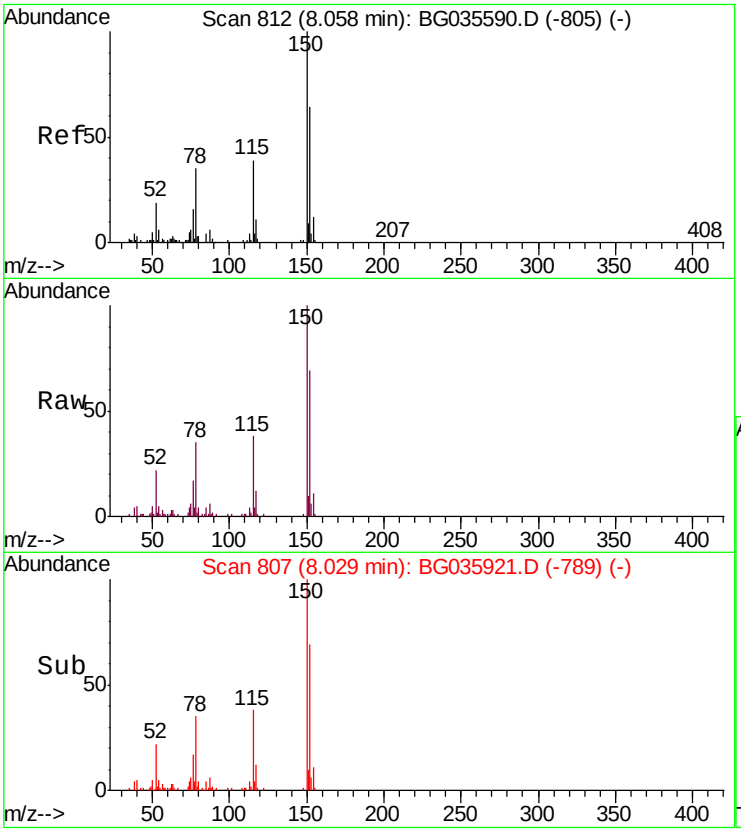


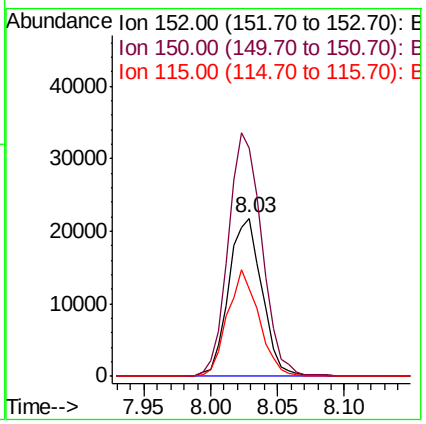


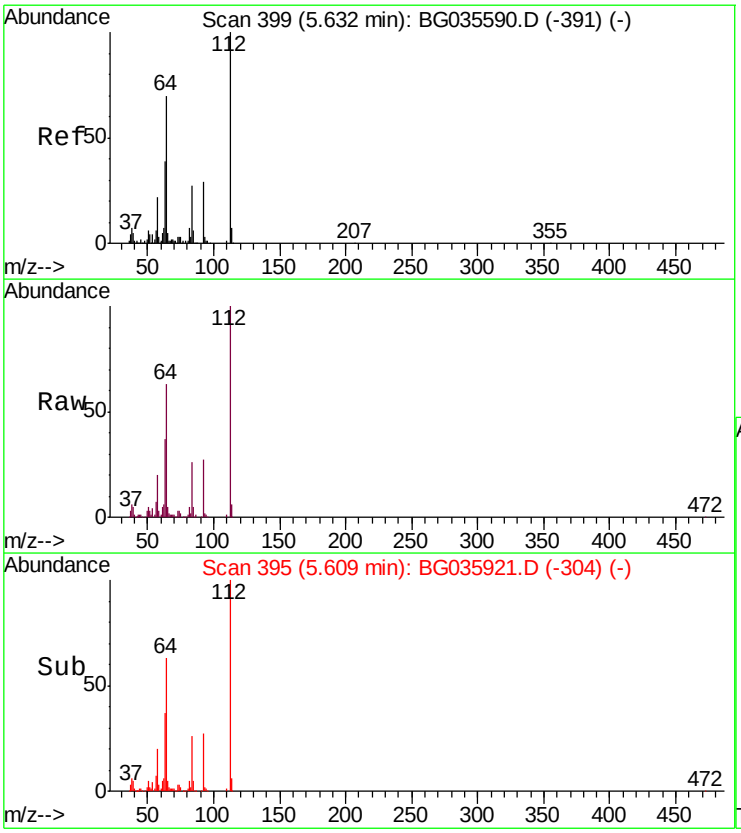
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG035921.D
Acq: 26 Jul 2018 23:06

Instrument :
BNA_G
ClientSampleId :
MW-13B

Tgt Ion:152 Resp: 37972

Ion	Ratio	Lower	Upper
152	100		
150	144.0	126.6	189.8
115	55.2	53.0	79.4

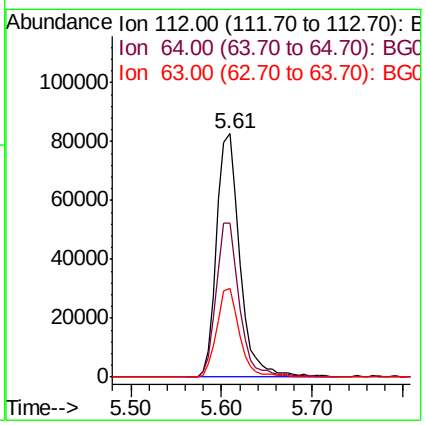


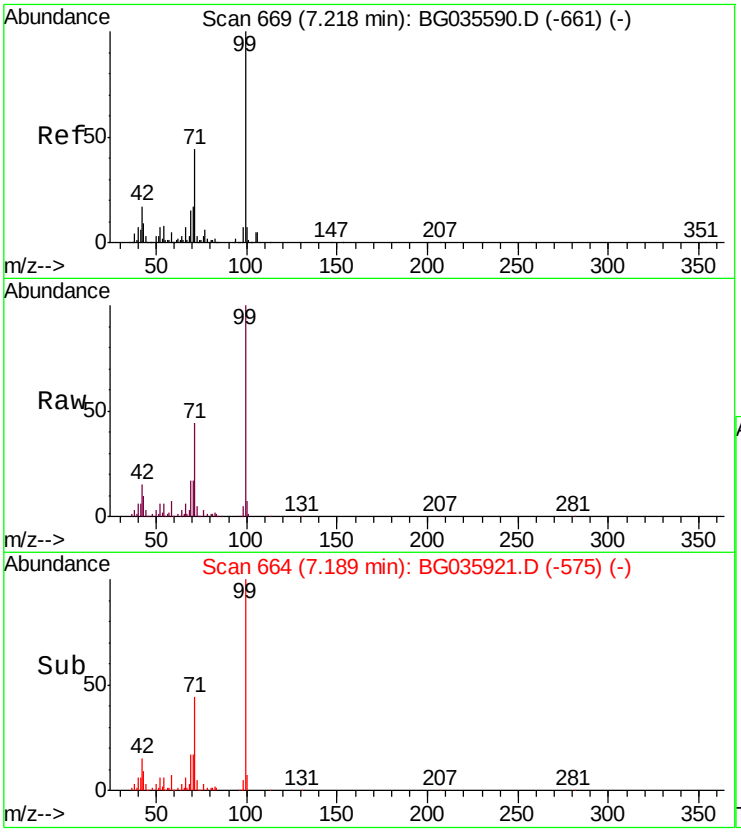


#5
2-Fluorophenol
Concen: 64.085 ng
RT: 5.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: BG035921.D
Acq: 26 Jul 2018 23:06

Tgt Ion:112 Resp: 146571

Ion	Ratio	Lower	Upper
112	100		
64	63.2	56.3	84.5
63	36.6	30.1	45.1



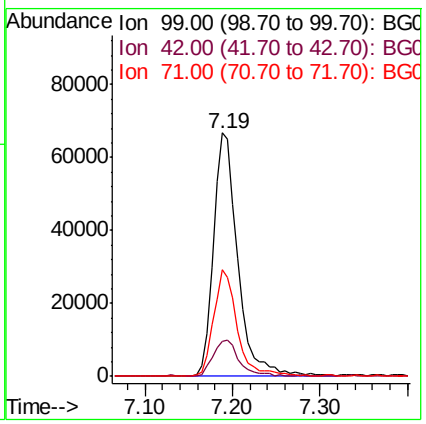


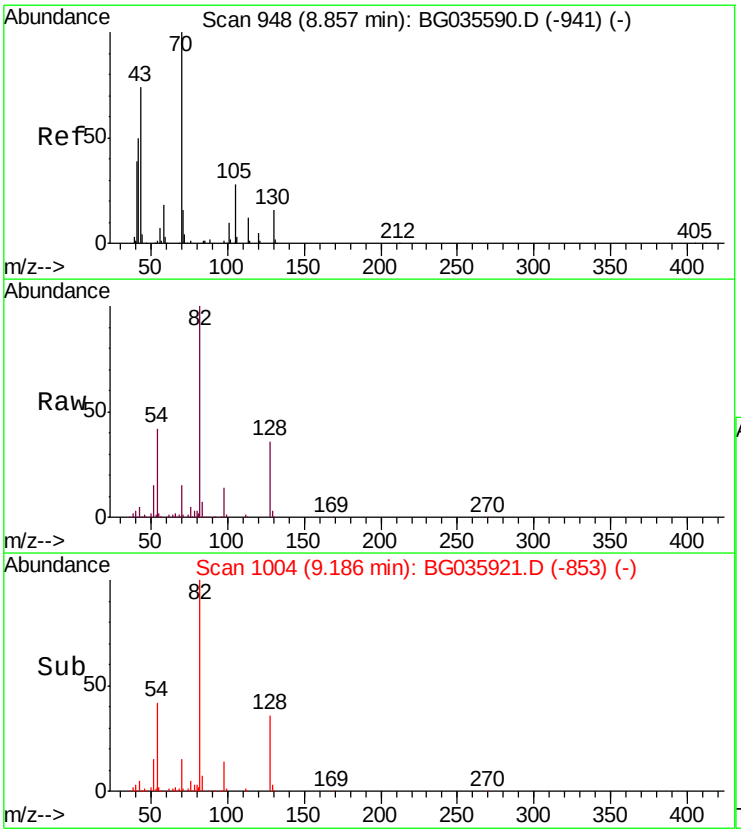
#7
Phenol-d6
Concen: 37.658 ng
RT: 7.19 min Scan# 664
Delta R.T. -0.01 min
Lab File: BG035921.D
Acq: 26 Jul 2018 23:06

Instrument :
BNA_G
ClientSampleId :
MW-13B

Tgt Ion: 99 Resp: 128504

Ion	Ratio	Lower	Upper
99	100		
42	14.6	14.1	21.1
71	43.6	26.1	39.1#

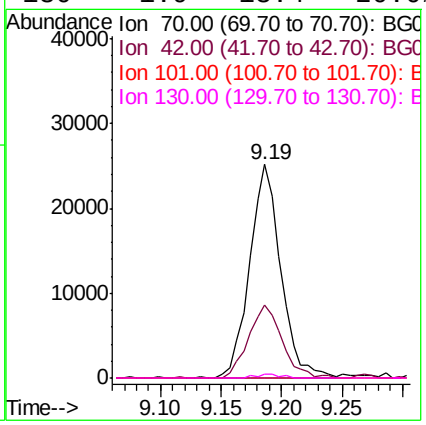


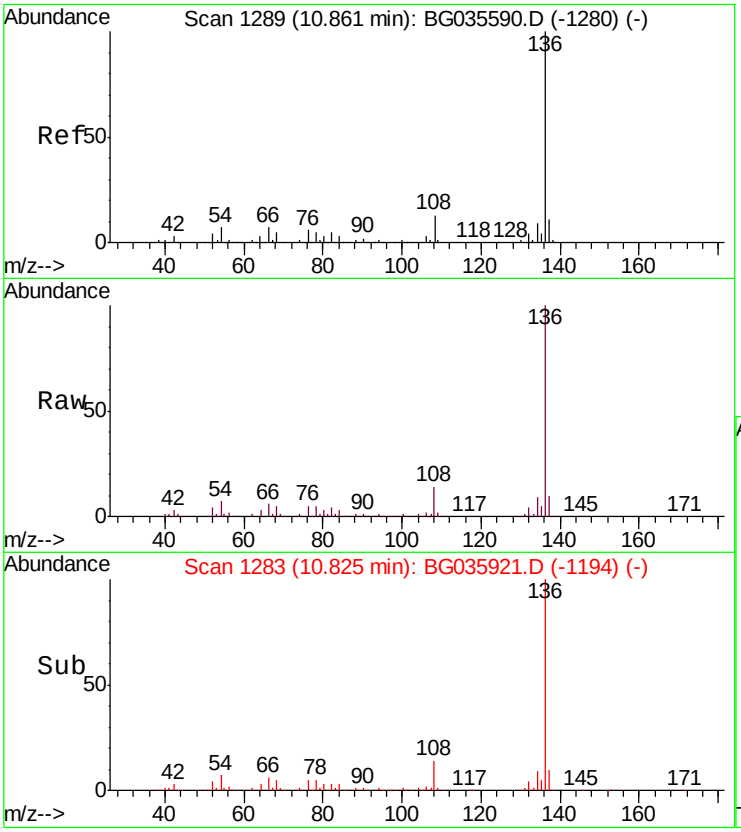


#19
n-Nitroso-di-n-propylamine
Concen: 15.706 ng
RT: 9.19 min Scan# 1004
Delta R.T. 0.36 min
Lab File: BG035921.D
Acq: 26 Jul 2018 23:06

Tgt Ion: 70 Resp: 45131

Ion	Ratio	Lower	Upper
70	100		
42	34.2	49.1	73.7#
101	0.0	8.5	12.7#
130	1.9	13.4	20.0#



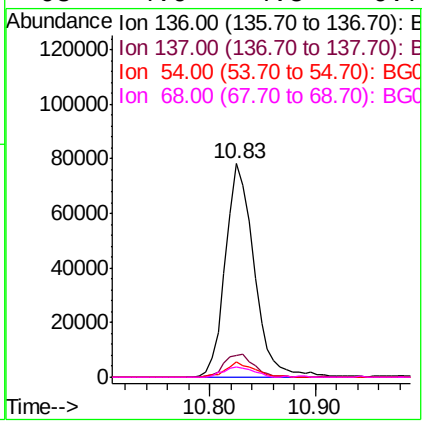


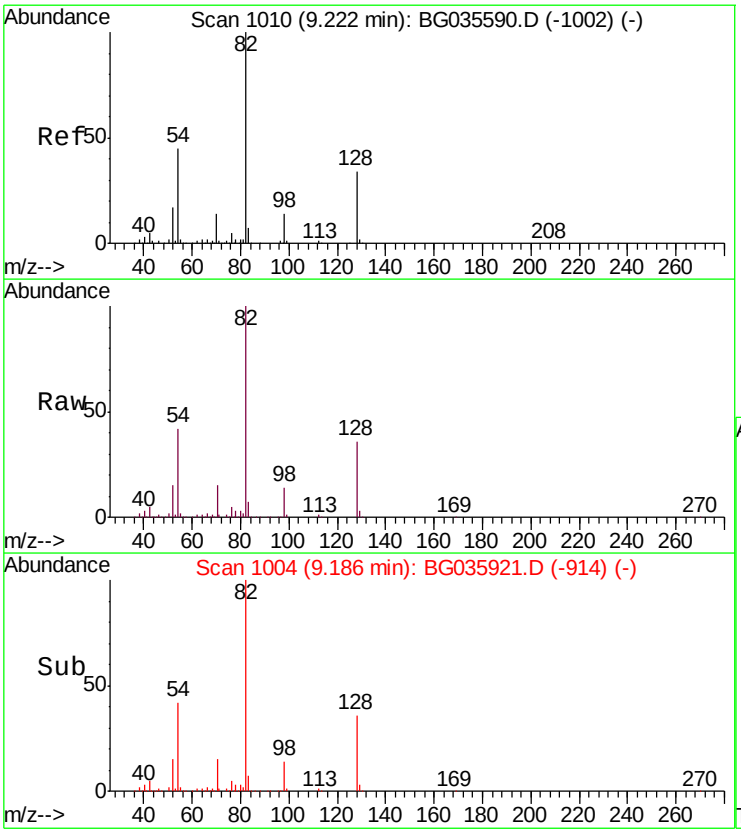
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG035921.D
Acq: 26 Jul 2018 23:06

Instrument :
BNA_G
ClientSampleId :
MW-13B

Tgt Ion:136 Resp: 147508

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.2	13.8
54	7.0	10.3	15.5#
68	4.9	4.5	6.7

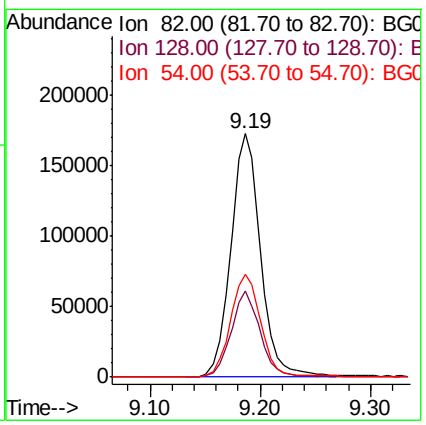


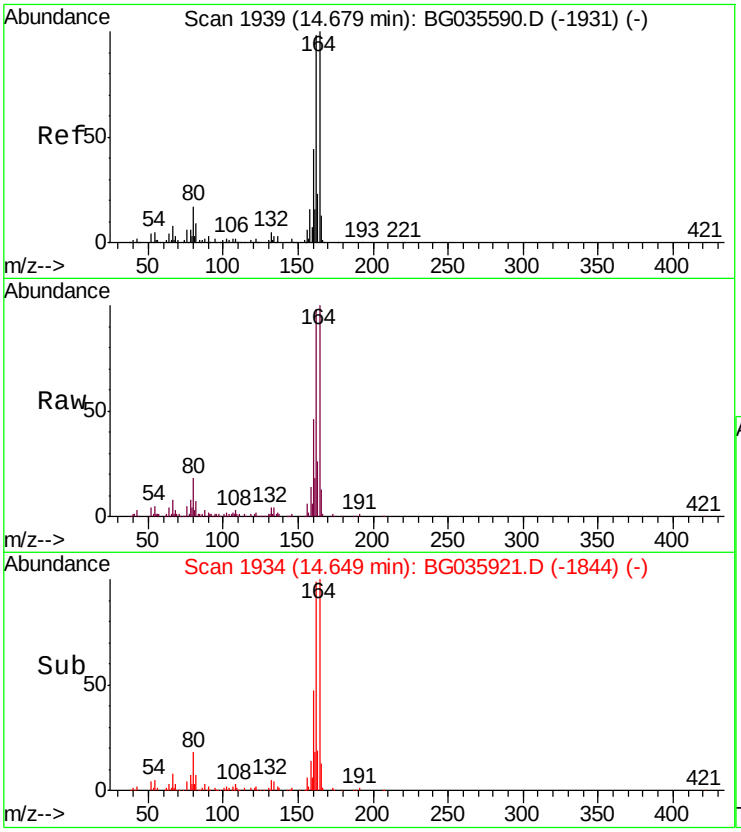


#23
Nitrobenzene-d5
Concen: 92.117 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG035921.D
Acq: 26 Jul 2018 23:06

Tgt Ion: 82 Resp: 325268

Ion	Ratio	Lower	Upper
82	100		
128	35.5	29.7	44.5
54	42.0	43.1	64.7#



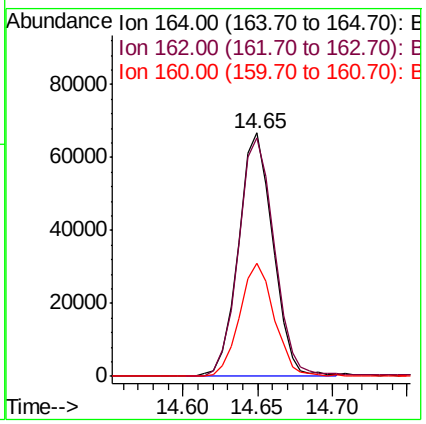


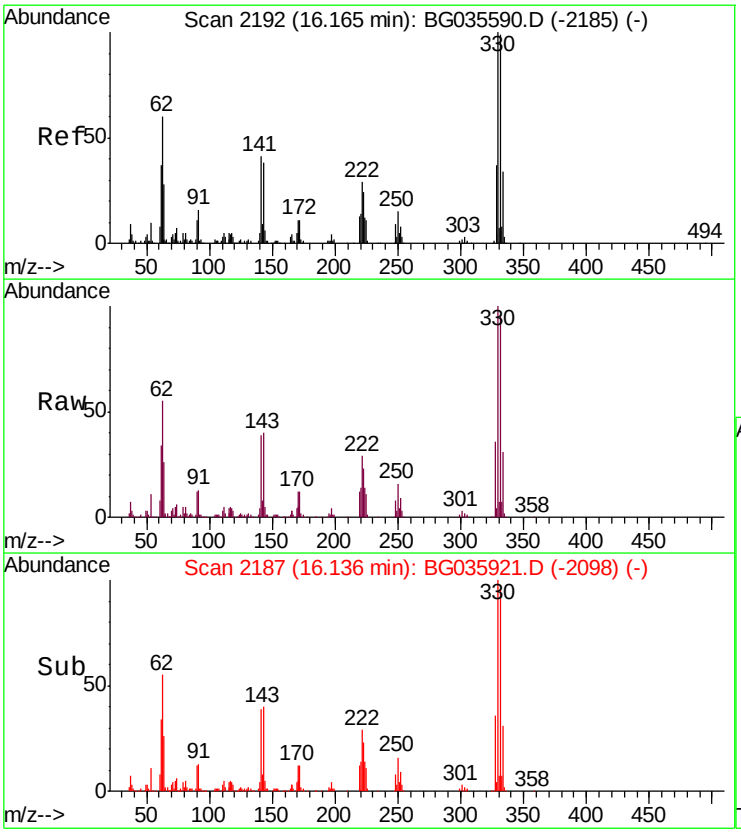
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG035921.D
Acq: 26 Jul 2018 23:06

Instrument :
BNA_G
ClientSampleId :
MW-13B

Tgt Ion:164 Resp: 106830

Ion	Ratio	Lower	Upper
164	100		
162	98.1	78.8	118.2
160	46.5	35.4	53.0

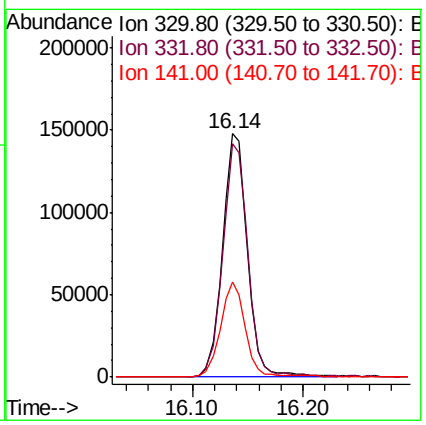


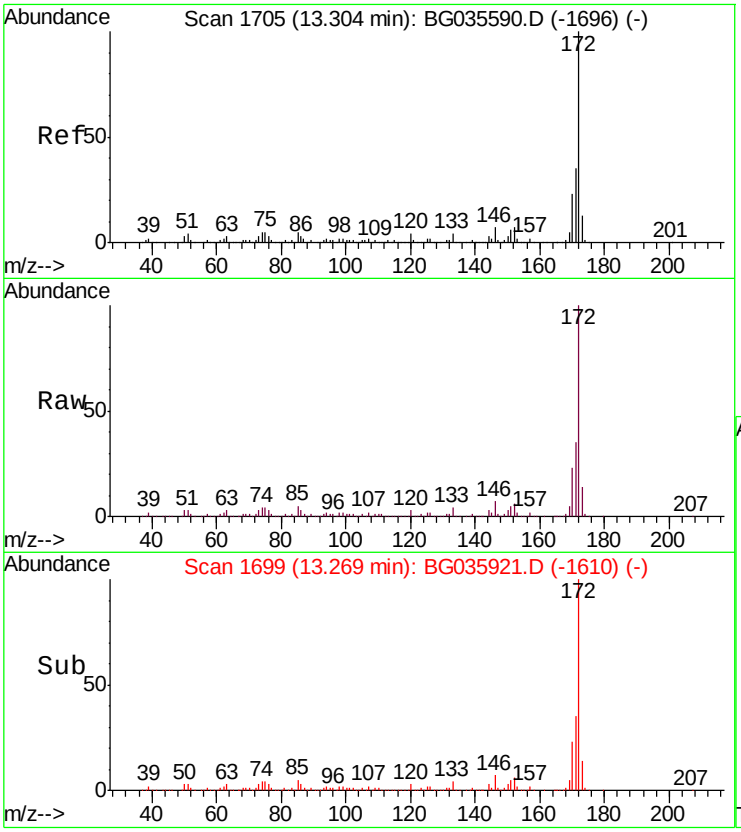


#41
2,4,6-Tribromophenol
Concen: 165.114 ng
RT: 16.14 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BG035921.D
Acq: 26 Jul 2018 23:06

Tgt Ion:330 Resp: 232495

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	39.1	25.2	37.8#



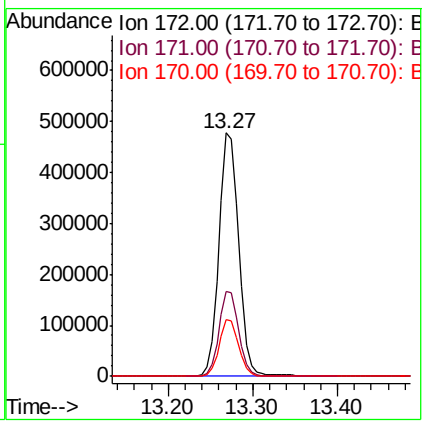


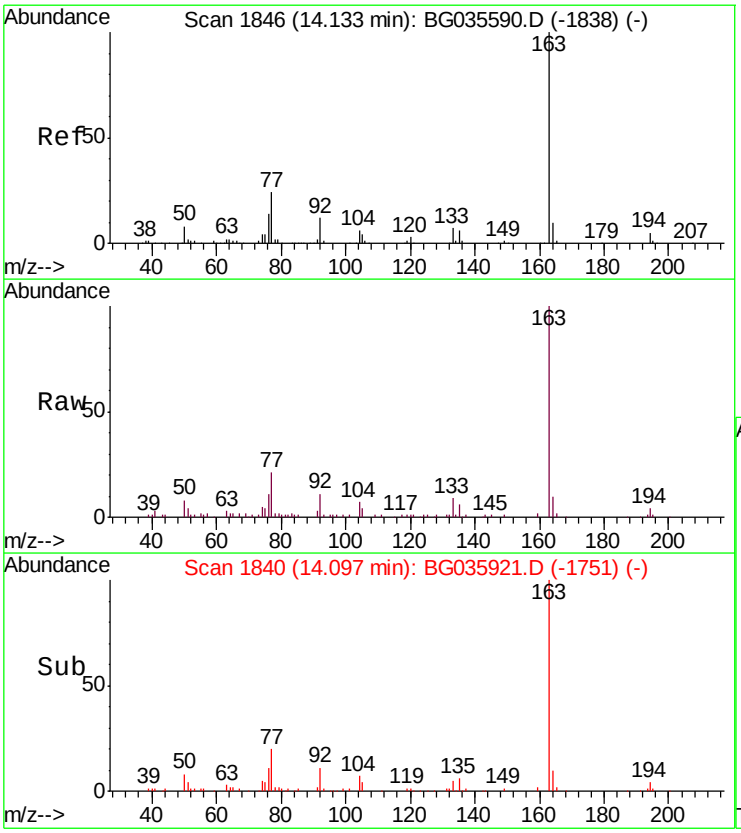
#44
2-Fluorobiphenyl
Concen: 97.831 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.01 min
Lab File: BG035921.D
Acq: 26 Jul 2018 23:06

Instrument :
BNA_G
ClientSampleId :
MW-13B

Tgt Ion:172 Resp: 780101

Ion	Ratio	Lower	Upper
172	100		
171	34.9	30.0	45.0
170	23.2	19.5	29.3

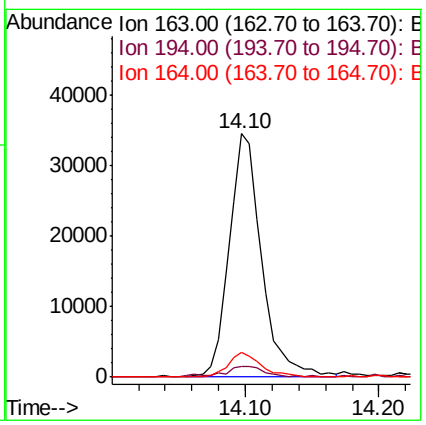


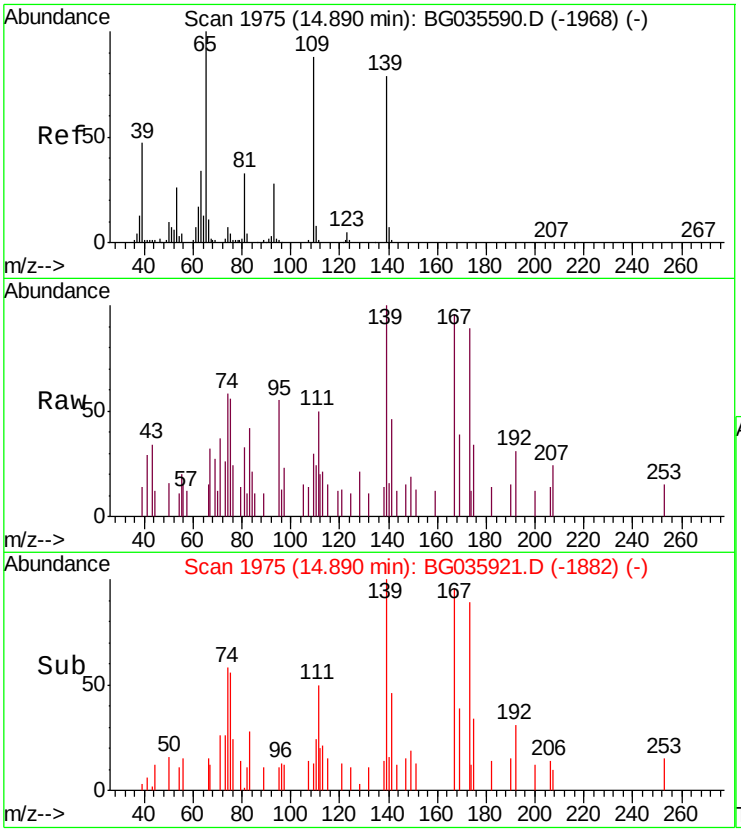


#49
Dimethylphthalate
Concen: 6.252 ng
RT: 14.10 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BG035921.D
Acq: 26 Jul 2018 23:06

Tgt Ion:163 Resp: 58516

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.1	8.2	12.4



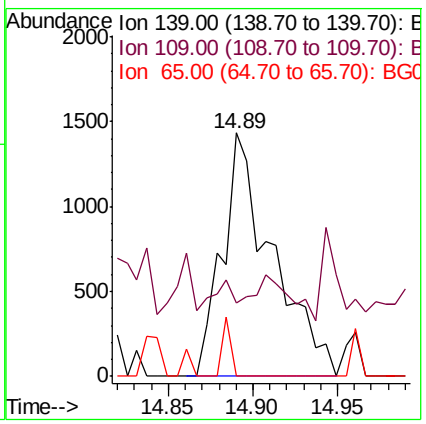


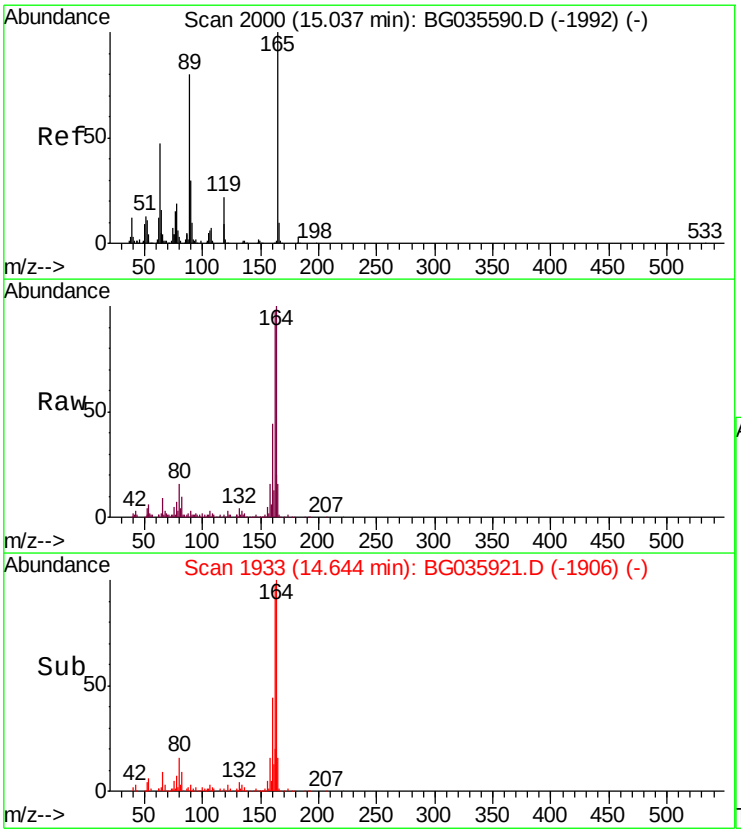
#55
4-Nitrophenol
Concen: 2.110 ng
RT: 14.89 min Scan# 1975
Delta R.T. 0.02 min
Lab File: BG035921.D
Acq: 26 Jul 2018 23:06

Instrument :
BNA_G
ClientSampleId :
MW-13B

Tgt Ion:139 Resp: 2927

Ion	Ratio	Lower	Upper
139	100		
109	30.1	62.2	102.2#
65	0.0	97.2	137.2#

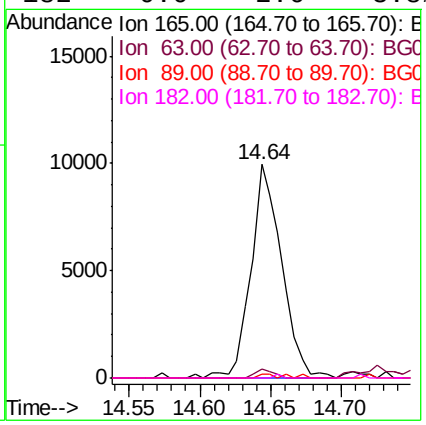


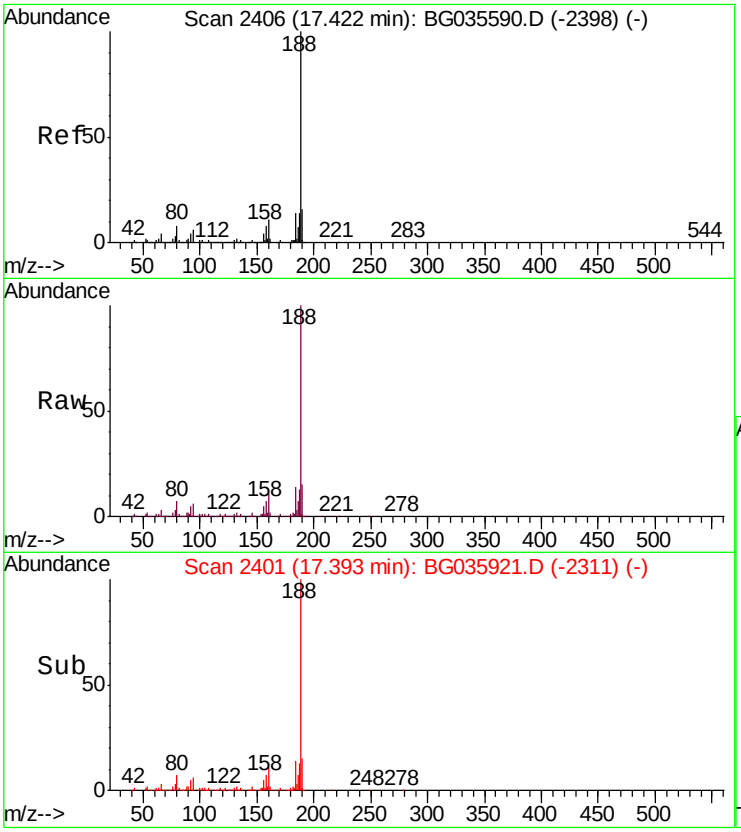


#56
2,4-Dinitrotoluene
Concen: 5.568 ng
RT: 14.64 min Scan# 1933
Delta R.T. -0.37 min
Lab File: BG035921.D
Acq: 26 Jul 2018 23:06

Tgt Ion:165 Resp: 15226

Ion	Ratio	Lower	Upper
165	100		
63	4.4	42.0	63.0#
89	1.6	66.9	100.3#
182	0.0	2.6	3.8#



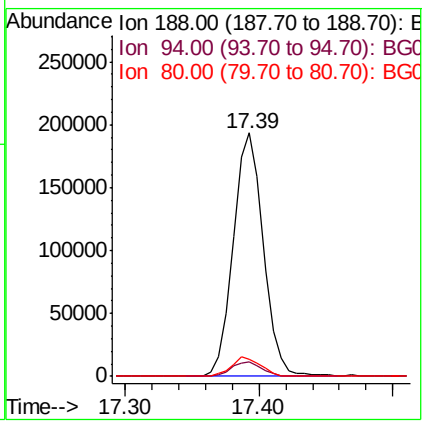


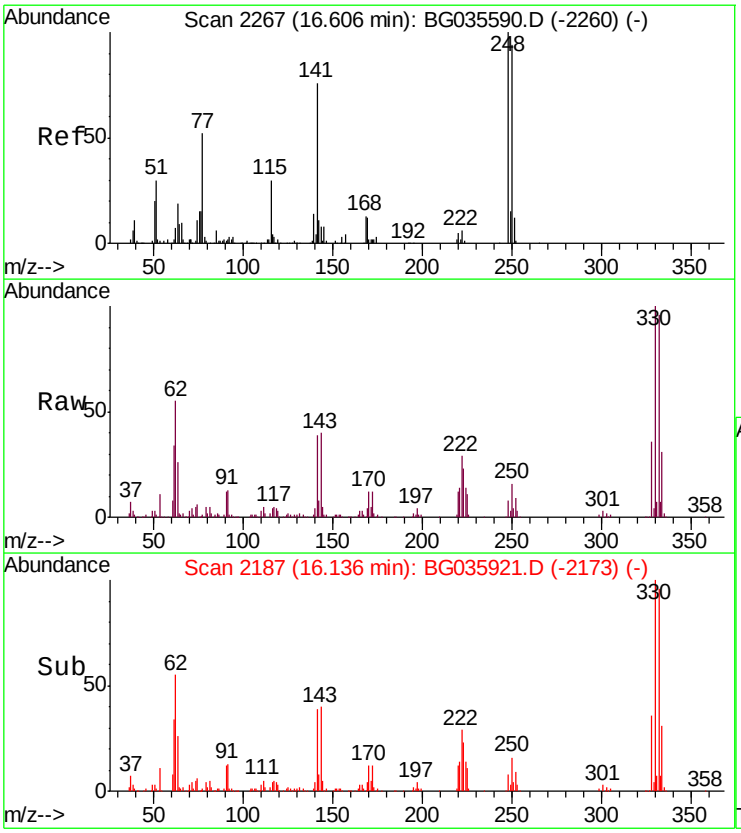
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG035921.D
Acq: 26 Jul 2018 23:06

Instrument :
BNA_G
ClientSampleId :
MW-13B

Tgt Ion:188 Resp: 301312

Ion	Ratio	Lower	Upper
188	100		
94	6.1	6.9	10.3#
80	7.0	7.7	11.5#

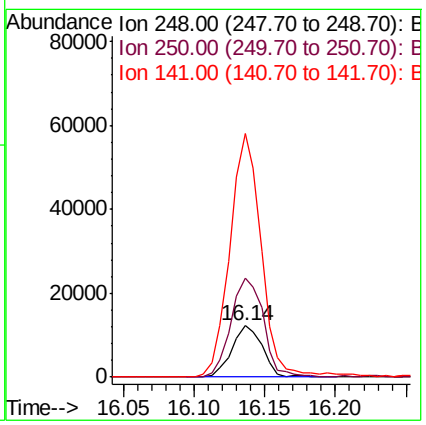


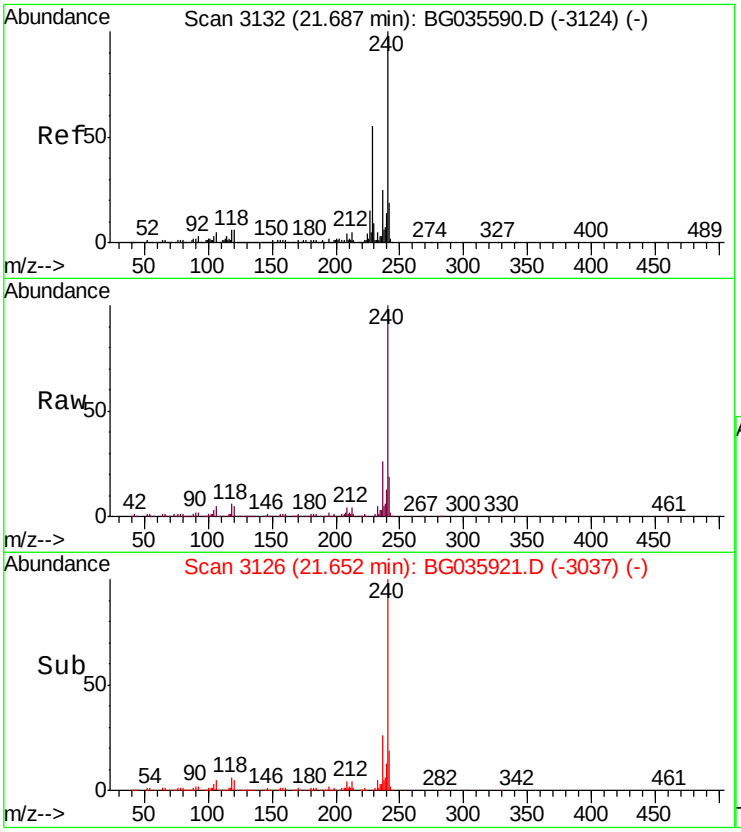


#66
4-Bromophenyl-phenylether
Concen: 5.309 ng
RT: 16.14 min Scan# 2187
Delta R.T. -0.45 min
Lab File: BG035921.D
Acq: 26 Jul 2018 23:06

Tgt Ion:248 Resp: 18558

Ion	Ratio	Lower	Upper
248	100		
250	193.6	77.1	115.7#
141	474.5	50.8	76.2#



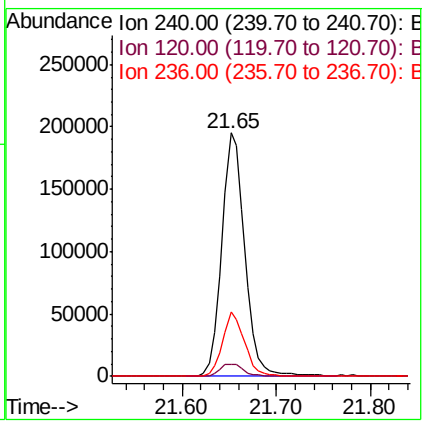


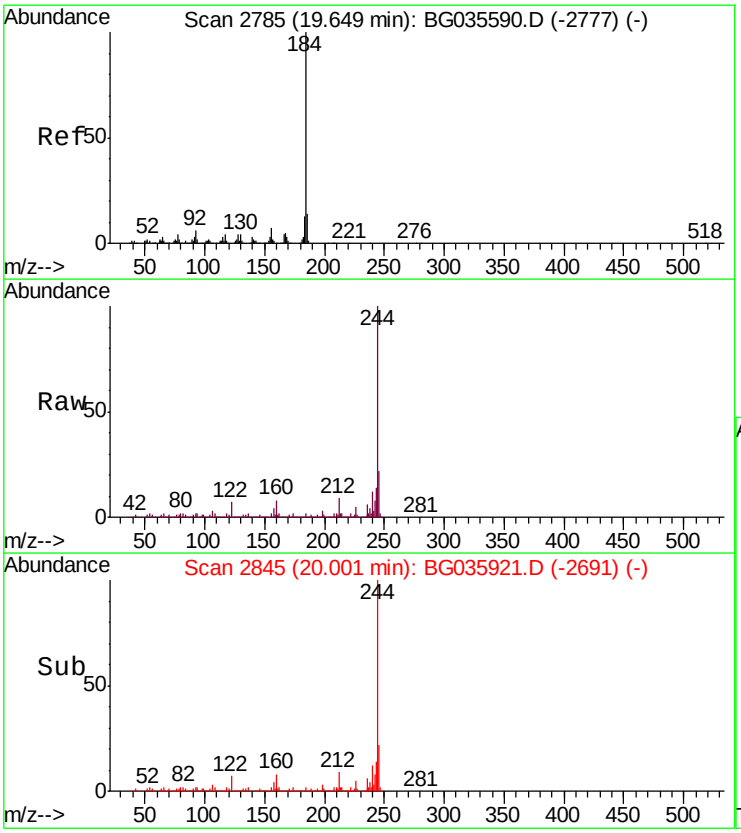
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BG035921.D
Acq: 26 Jul 2018 23:06

Instrument :
BNA_G
ClientSampleId :
MW-13B

Tgt Ion:240 Resp: 331499

Ion	Ratio	Lower	Upper
240	100		
120	4.7	6.8	10.2#
236	26.3	20.9	31.3

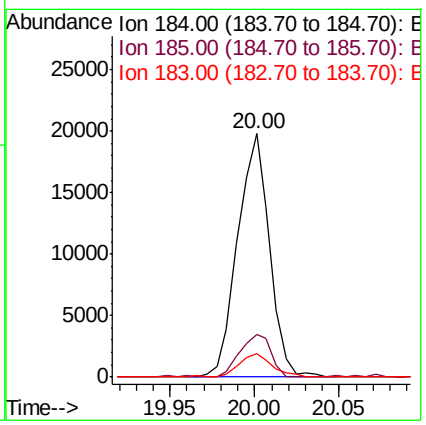


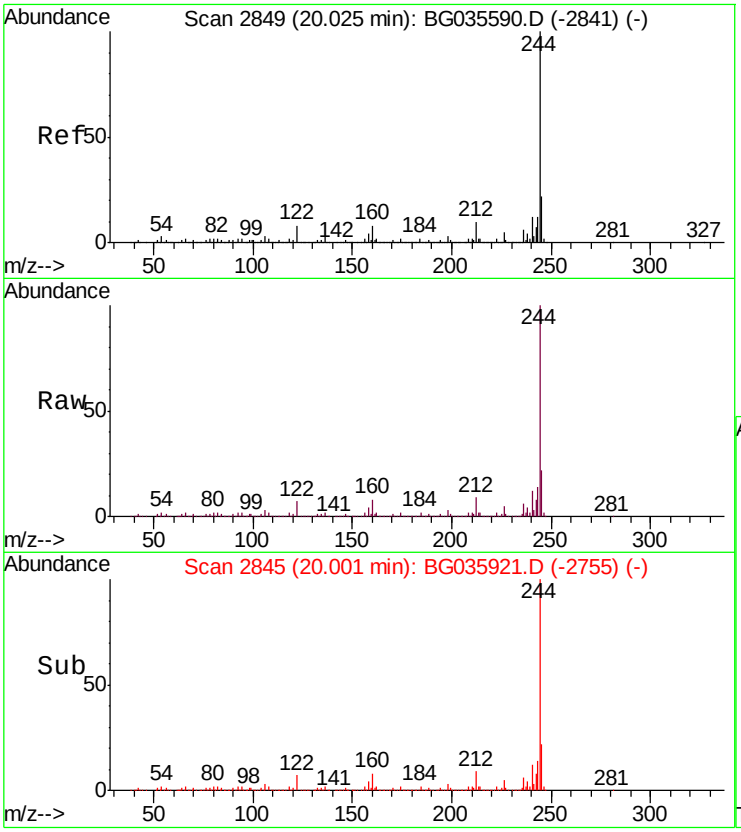


#76
Benzidine
Concen: 2.972 ng
RT: 20.00 min Scan# 2845
Delta R.T. 0.37 min
Lab File: BG035921.D
Acq: 26 Jul 2018 23:06

Tgt Ion:184 Resp: 25900

Ion	Ratio	Lower	Upper
184	100		
185	17.6	11.1	16.7#
183	9.8	10.6	16.0#



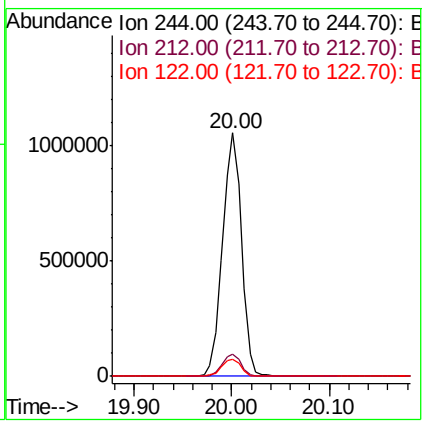


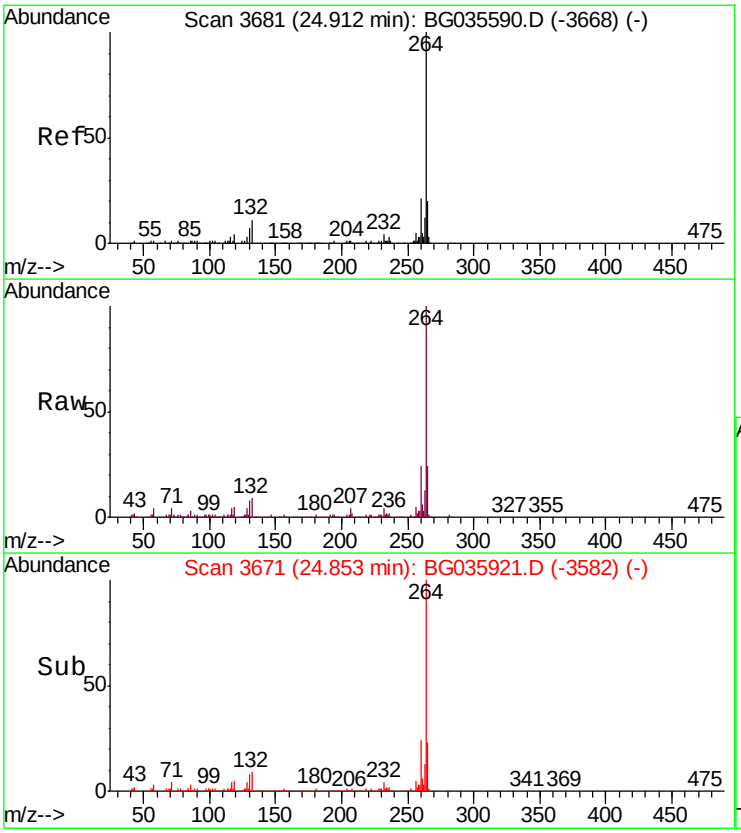
#78
Terphenyl-d14
Concen: 94.992 ng
RT: 20.00 min Scan# 2845
Delta R.T. -0.00 min
Lab File: BG035921.D
Acq: 26 Jul 2018 23:06

Instrument :
BNA_G
ClientSampleId :
MW-13B

Tgt Ion:244 Resp: 1428559

Ion	Ratio	Lower	Upper
244	100		
212	9.4	5.8	8.8#
122	7.2	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: BG035921.D
Acq: 26 Jul 2018 23:06

Tgt Ion:264 Resp: 316207

Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.0
265	23.7	17.7	26.5