Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG070218\
Data File : BG035578.D
Acq On : 3 Jul 2018 9:19
Operator : JU/SJ
Sample : J3800-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-11

Quant Time: Jul 03 11:15:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	34072	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	125350	20.00	ng		-0.02
38) Acenaphthene-d10	14.68	164	92161	20.00	ng		-0.02
63) Phenanthrene-d10	17.42	188	254706	20.00	ng		-0.02
75) Chrysene-d12	21.69	240	274132	20.00	ng		-0.03
86) Perylene-d12	24.91	264	260994	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	139370	69.03	ng		0.00
7) Phenol-d6	7.23	99	125674	42.17	ng		0.00
23) Nitrobenzene-d5	9.22	82	306415	116.20	ng		-0.02
41) 2,4,6-Tribromophenol	16.17	330	230083	195.02	ng		-0.02
44) 2-Fluorobiphenyl	13.31	172	722433	101.90	ng		-0.02
78) Terphenyl-d14	20.03	244	1373654	104.96	ng		-0.02
Target Compounds							Qvalue
10) Phenol	7.25	94	6906	2.239	ng		95
19) n-Nitroso-di-n-propylamine	9.22	70	44895	17.734	ng	#	69
49) Dimethylphthalate	14.13	163	66535	8.279	ng		99
56) 2,4-Dinitrotoluene	14.69	165	12245	6.287	ng	#	19
66) 4-Bromophenyl-phenylether	16.17	248	18073	5.892	ng	#	1
76) Benzidine	20.03	184	23633	2.317	ng	#	92

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

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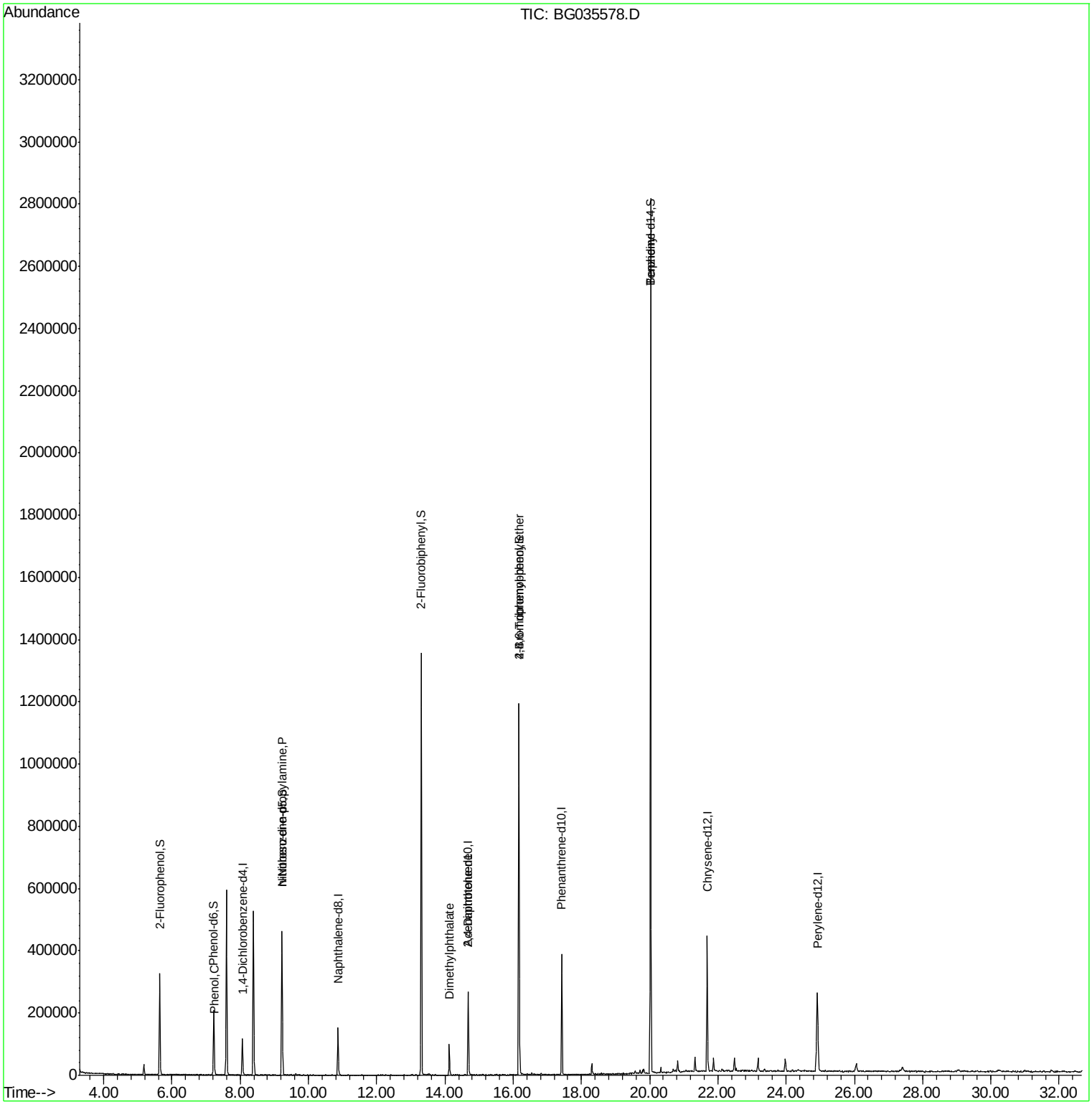
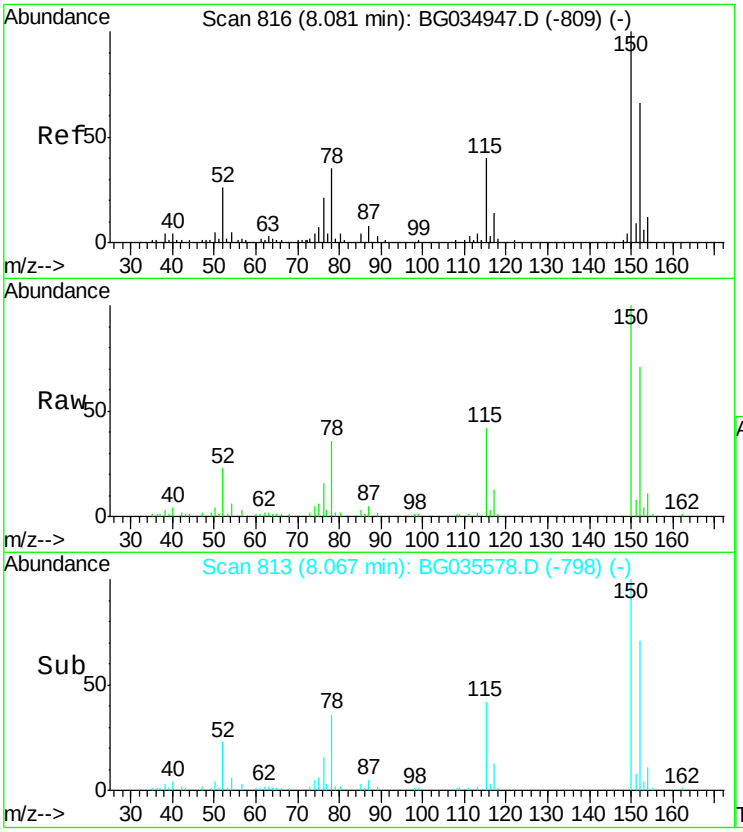


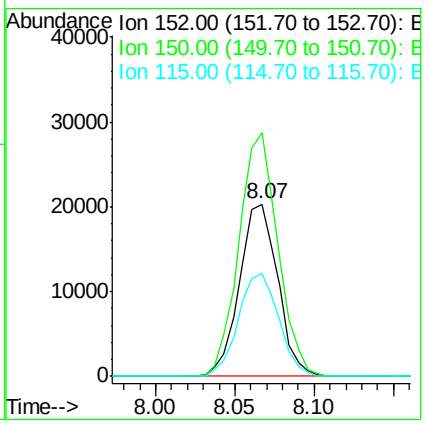


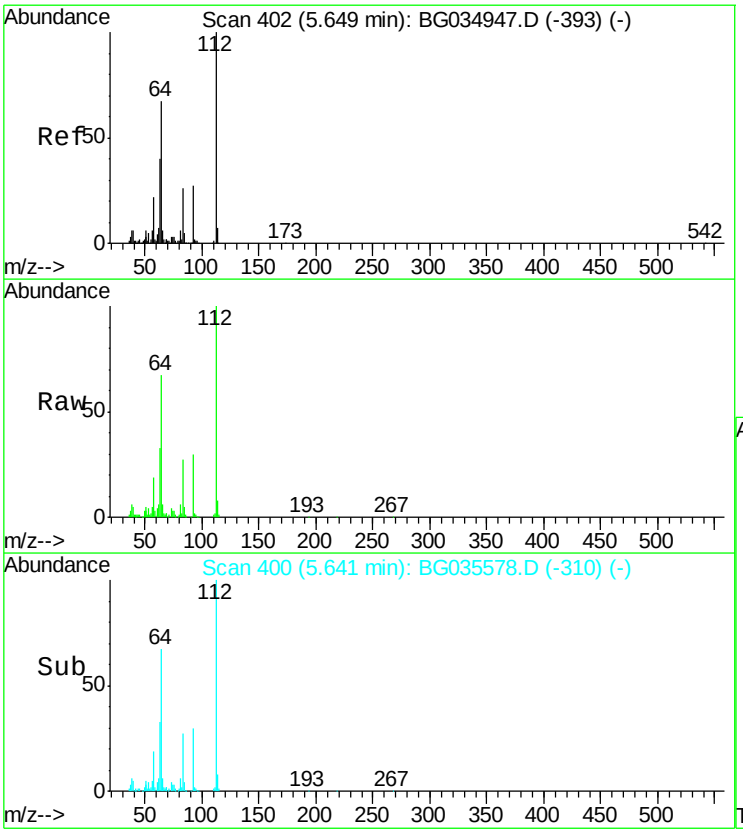
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035578.D
Acq: 3 Jul 2018 9:19

Instrument :
BNA_G
ClientSampleId :
MW-11

Tgt Ion:152 Resp: 34072

Ion	Ratio	Lower	Upper
152	100		
150	141.3	126.6	189.8
115	59.8	53.0	79.4

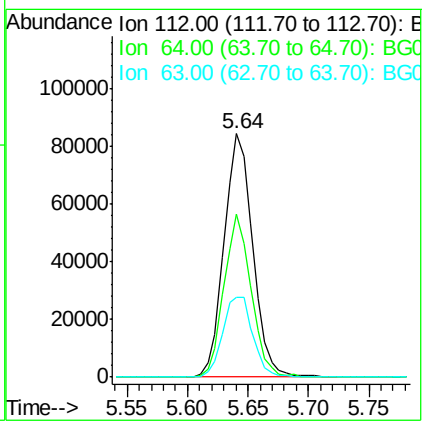


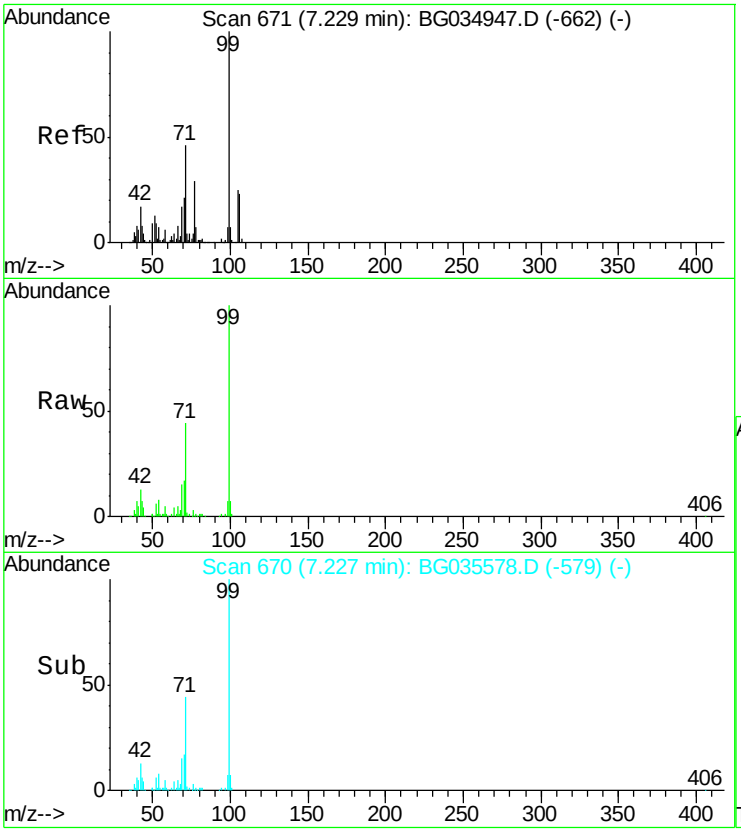


#5
2-Fluorophenol
Concen: 69.031 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.00 min
Lab File: BG035578.D
Acq: 3 Jul 2018 9:19

Tgt Ion:112 Resp: 139370

Ion	Ratio	Lower	Upper
112	100		
64	66.8	56.3	84.5
63	33.0	30.1	45.1



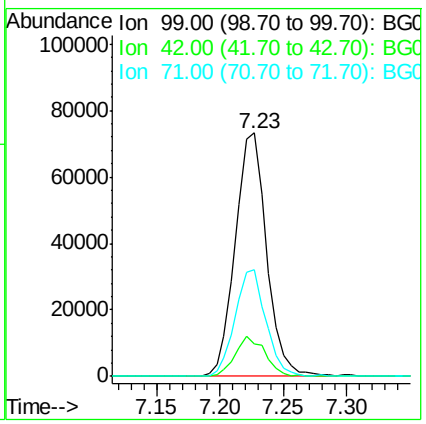


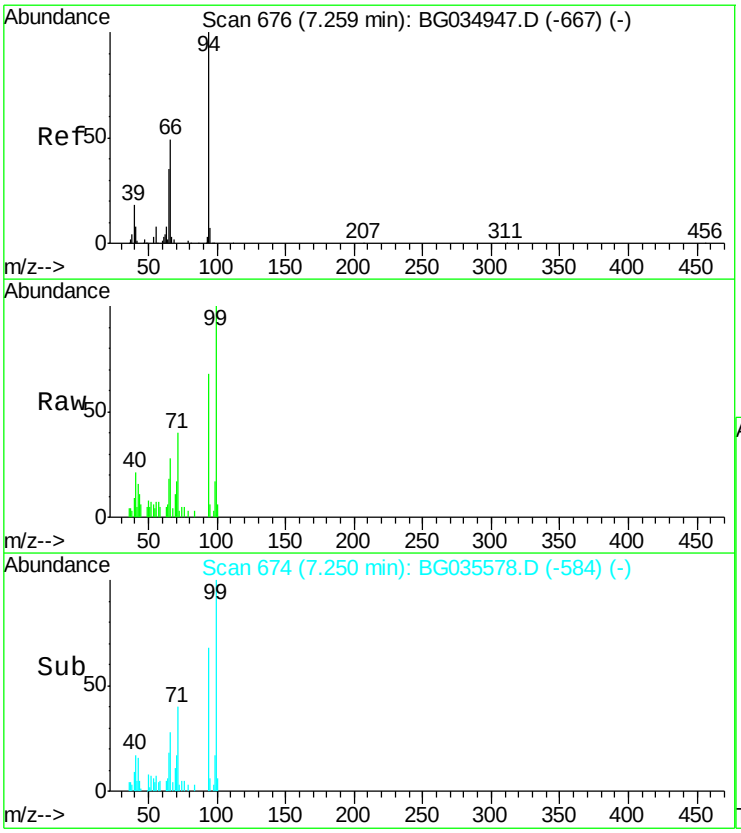
#7
Phenol-d6
Concen: 42.175 ng
RT: 7.23 min Scan# 670
Delta R.T. 0.00 min
Lab File: BG035578.D
Acq: 3 Jul 2018 9:19

Instrument :
BNA_G
ClientSampleId :
MW-11

Tgt Ion: 99 Resp: 125674

Ion	Ratio	Lower	Upper
99	100		
42	13.3	14.1	21.1#
71	43.7	26.1	39.1#

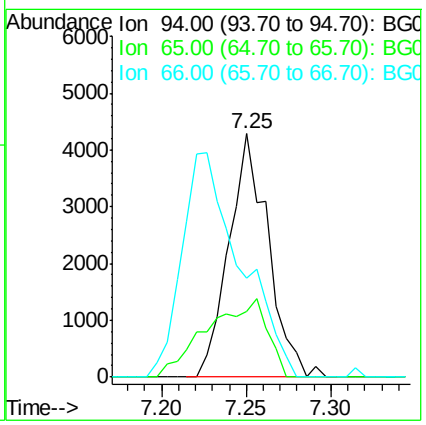


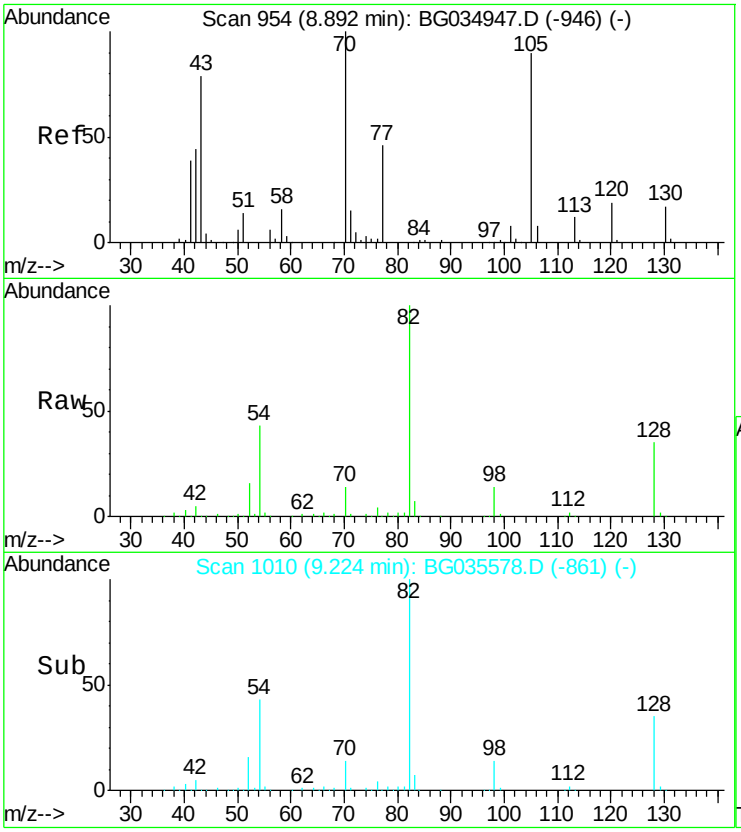


#10
Phenol
Concen: 2.239 ng
RT: 7.25 min Scan# 674
Delta R.T. -0.00 min
Lab File: BG035578.D
Acq: 3 Jul 2018 9:19

Tgt Ion: 94 Resp: 6906

Ion	Ratio	Lower	Upper
94	100		
65	27.1	11.9	51.9
66	40.8	22.2	62.2



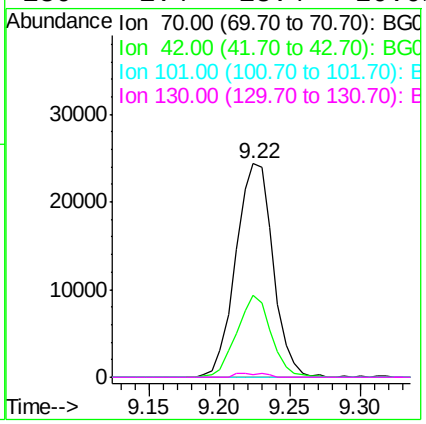


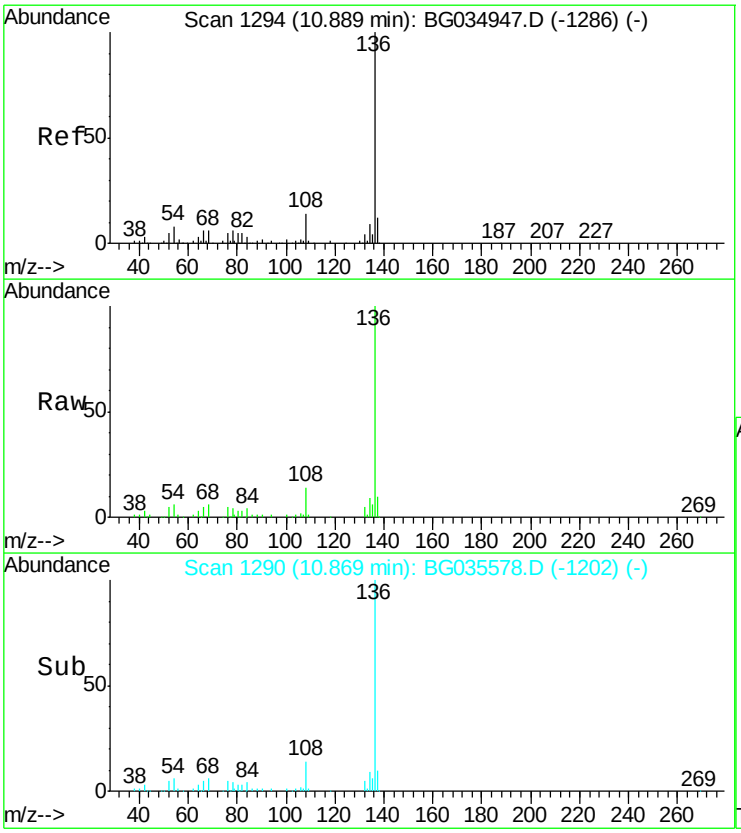
#19
n-Nitroso-di-n-propylamine
Concen: 17.734 ng
RT: 9.22 min Scan# 1010
Delta R.T. 0.34 min
Lab File: BG035578.D
Acq: 3 Jul 2018 9:19

Instrument :
BNA_G
ClientSampleId :
MW-11

Tgt Ion: 70 Resp: 44895

Ion	Ratio	Lower	Upper
70	100		
42	38.1	49.1	73.7#
101	0.0	8.5	12.7#
130	1.4	13.4	20.0#

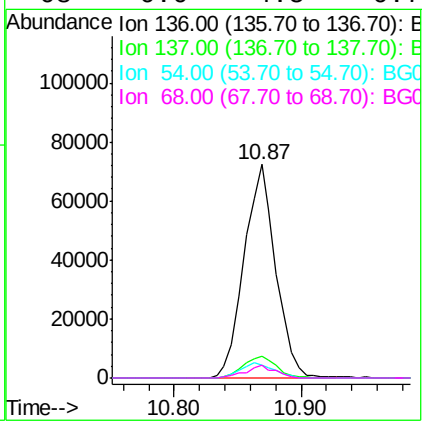


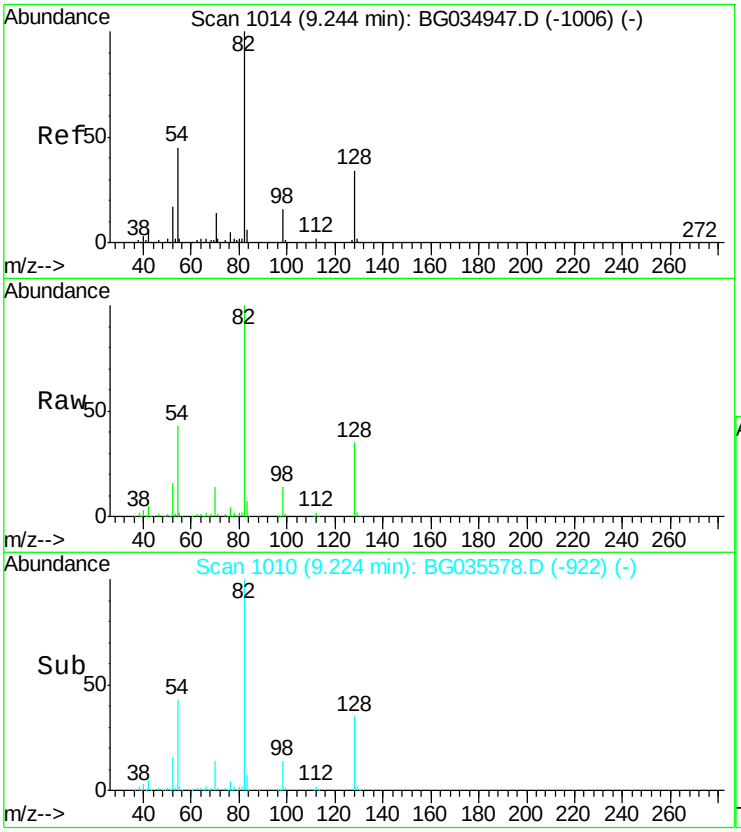


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035578.D
Acq: 3 Jul 2018 9:19

Tgt Ion:136 Resp: 125350

Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.2	13.8
54	6.1	10.3	15.5#
68	6.0	4.5	6.7



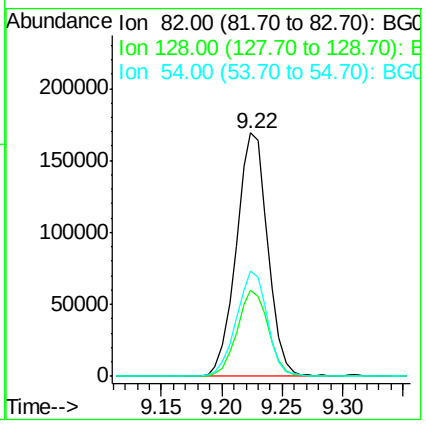


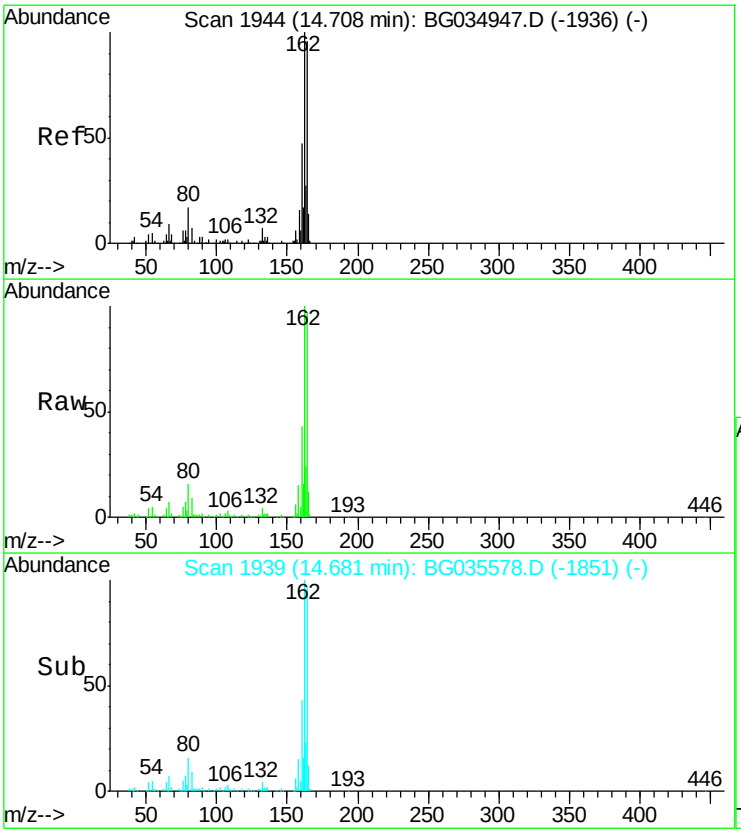
#23
Nitrobenzene-d5
Concen: 116.197 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG035578.D
Acq: 3 Jul 2018 9:19

Instrument :
BNA_G
ClientSampleId :
MW-11

Tgt Ion: 82 Resp: 306415

Ion	Ratio	Lower	Upper
82	100		
128	35.3	29.7	44.5
54	43.3	43.1	64.7

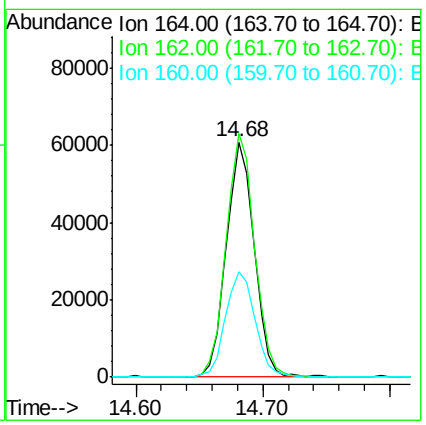


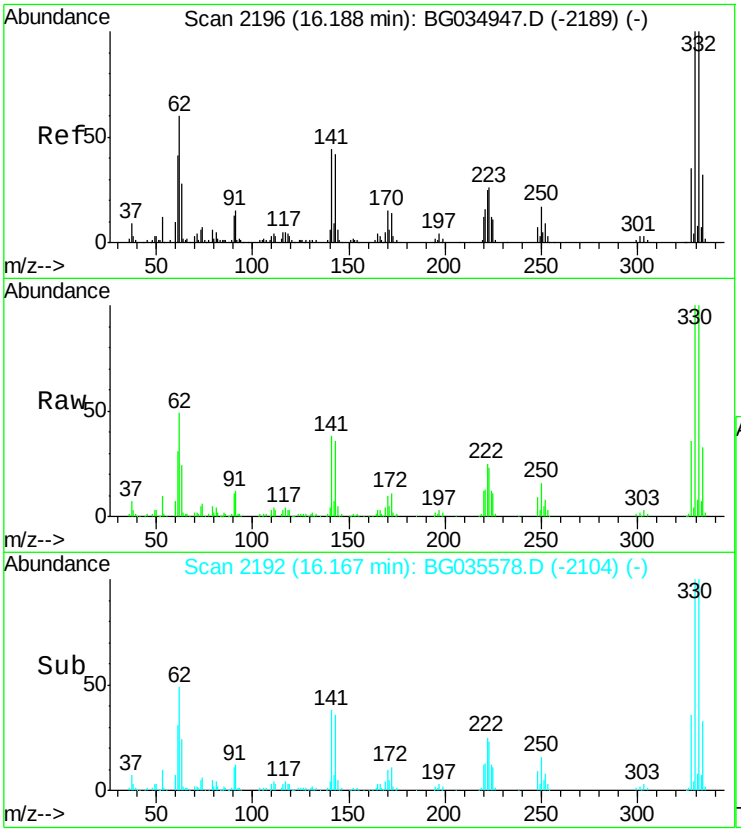


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.02 min
Lab File: BG035578.D
Acq: 3 Jul 2018 9:19

Tgt Ion:164 Resp: 92161

Ion	Ratio	Lower	Upper
164	100		
162	103.6	78.8	118.2
160	44.9	35.4	53.0



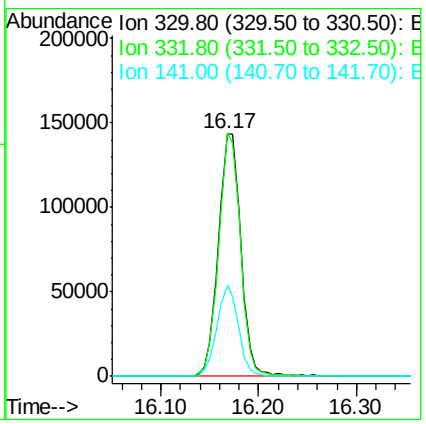


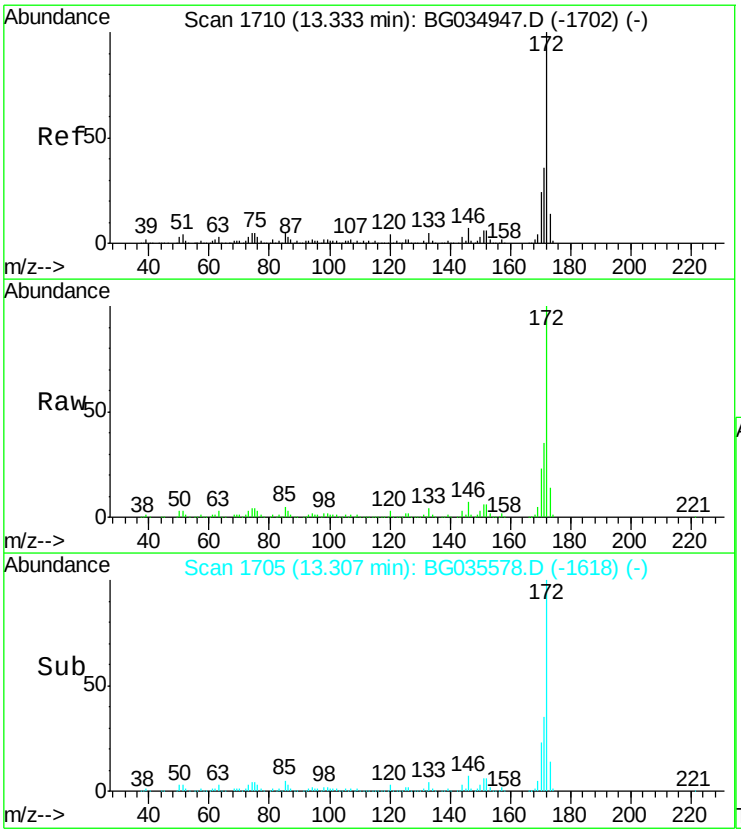
#41
2,4,6-Tribromophenol
Concen: 195.022 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.02 min
Lab File: BG035578.D
Acq: 3 Jul 2018 9:19

Instrument :
BNA_G
ClientSampleId :
MW-11

Tgt Ion:330 Resp: 230083

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	35.9	25.2	37.8

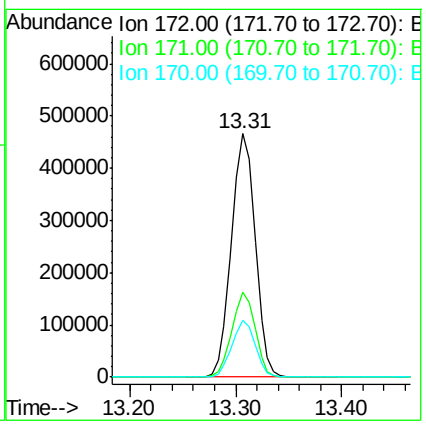


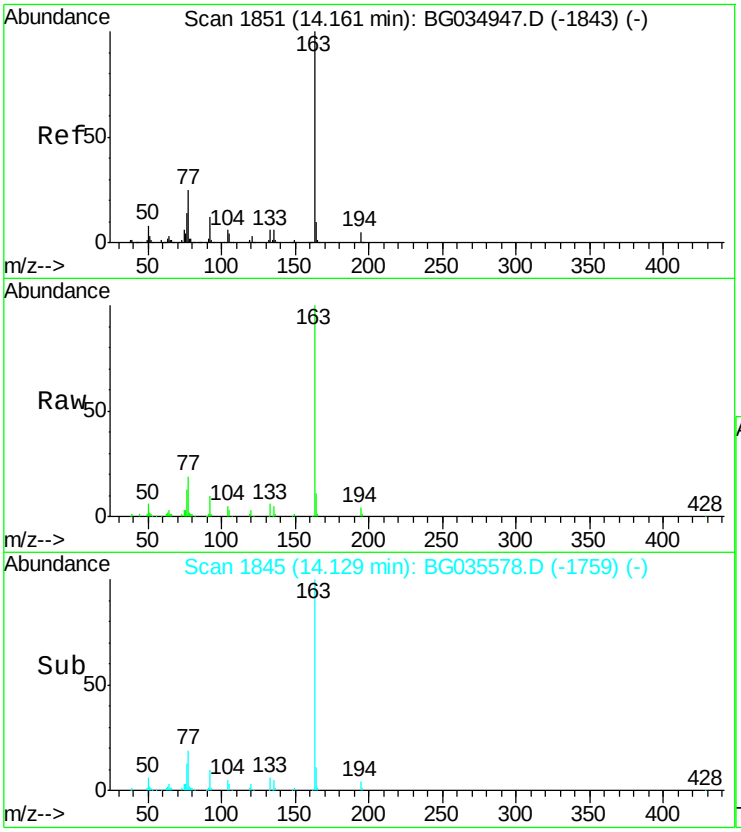


#44
2-Fluorobiphenyl
Concen: 101.904 ng
RT: 13.31 min Scan# 1705
Delta R.T. -0.02 min
Lab File: BG035578.D
Acq: 3 Jul 2018 9:19

Tgt Ion:172 Resp: 722433

Ion	Ratio	Lower	Upper
172	100		
171	34.7	30.0	45.0
170	23.4	19.5	29.3



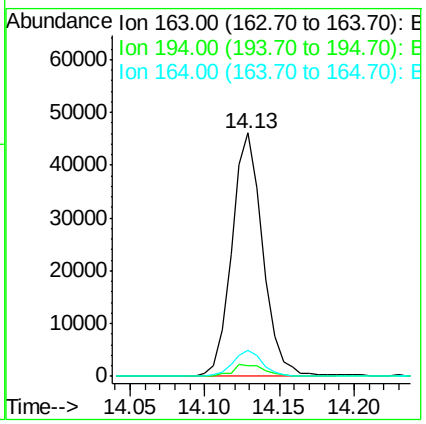


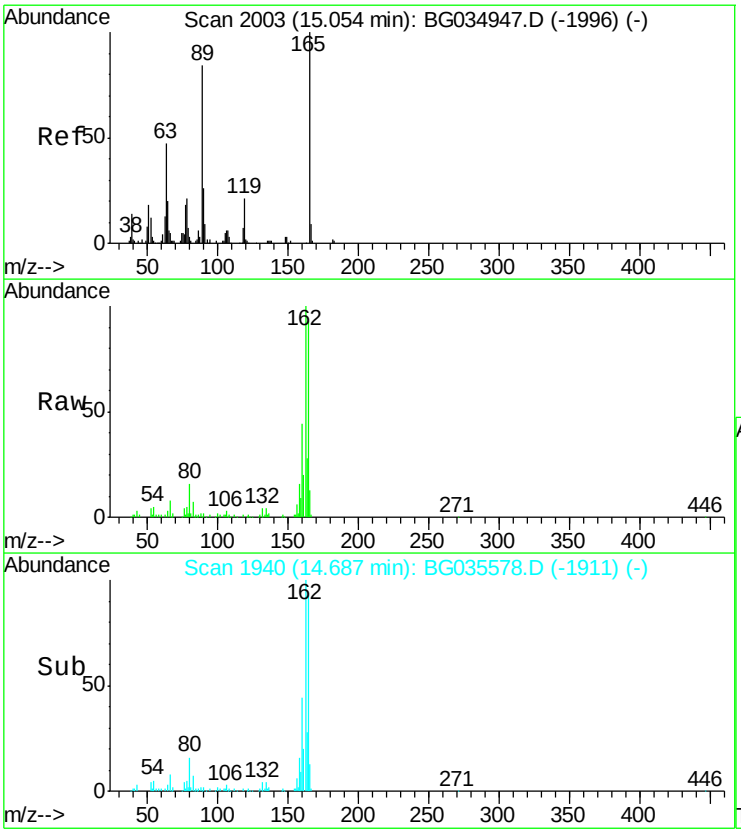
#49
Dimethylphthalate
Concen: 8.279 ng
RT: 14.13 min Scan# 1845
Delta R.T. -0.03 min
Lab File: BG035578.D
Acq: 3 Jul 2018 9:19

Instrument :
BNA_G
ClientSampleId :
MW-11

Tgt Ion:163 Resp: 66535

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.5	8.2	12.4

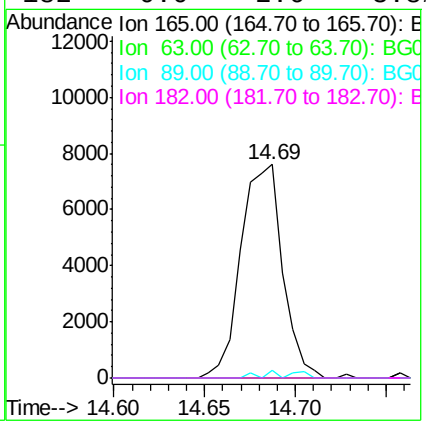


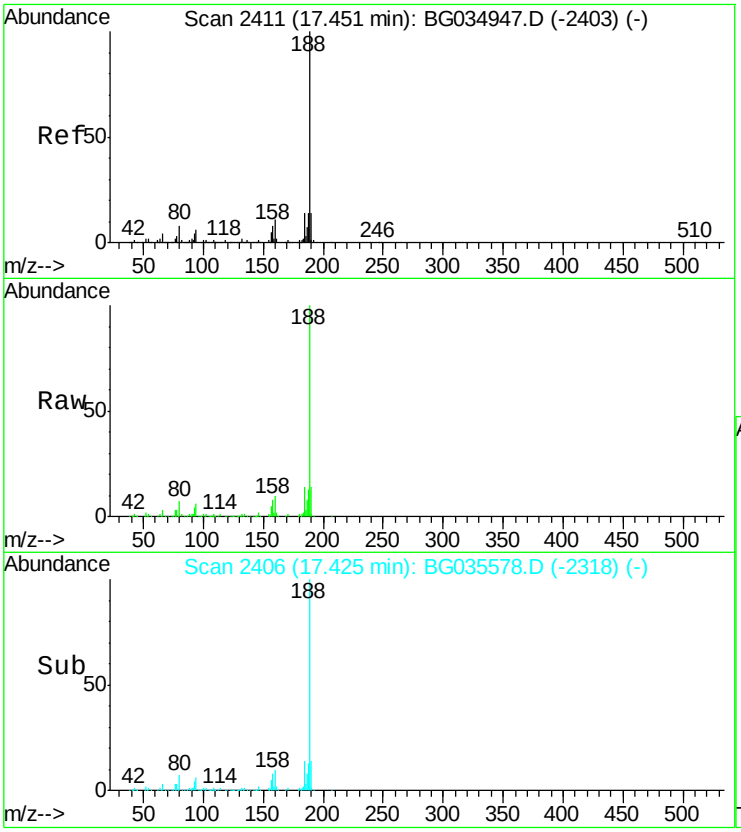


#56
2,4-Dinitrotoluene
Concen: 6.287 ng
RT: 14.69 min Scan# 1940
Delta R.T. -0.36 min
Lab File: BG035578.D
Acq: 3 Jul 2018 9:19

Tgt Ion:165 Resp: 12245

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	3.6	66.9	100.3#
182	0.0	2.6	3.8#



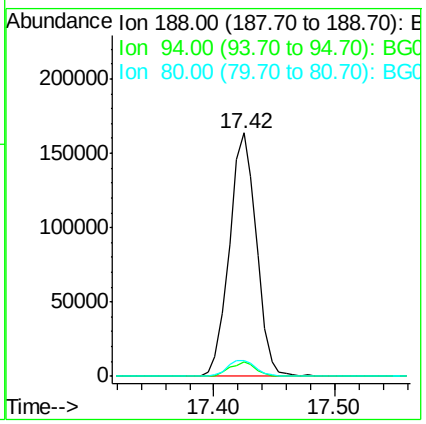


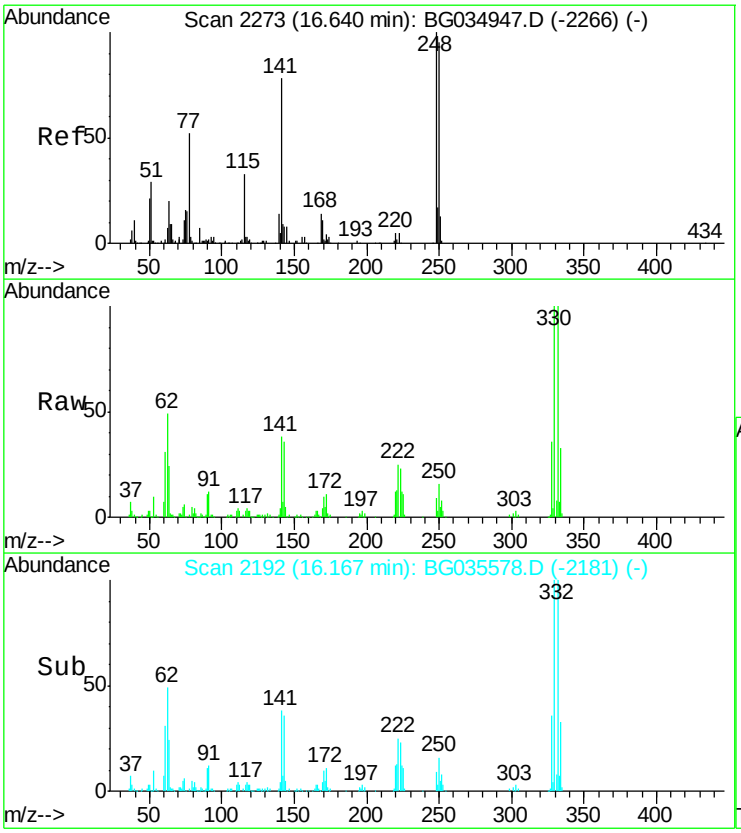
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.02 min
Lab File: BG035578.D
Acq: 3 Jul 2018 9:19

Instrument :
BNA_G
ClientSampleId :
MW-11

Tgt Ion:188 Resp: 254706

Ion	Ratio	Lower	Upper
188	100		
94	5.8	6.9	10.3#
80	6.7	7.7	11.5#

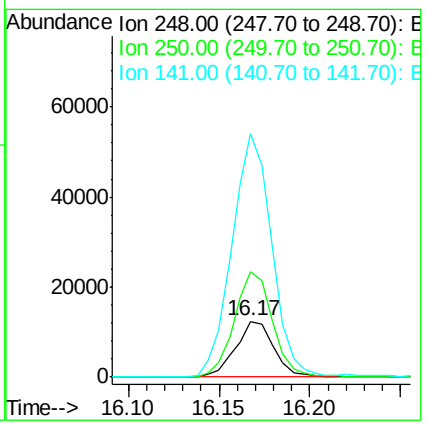


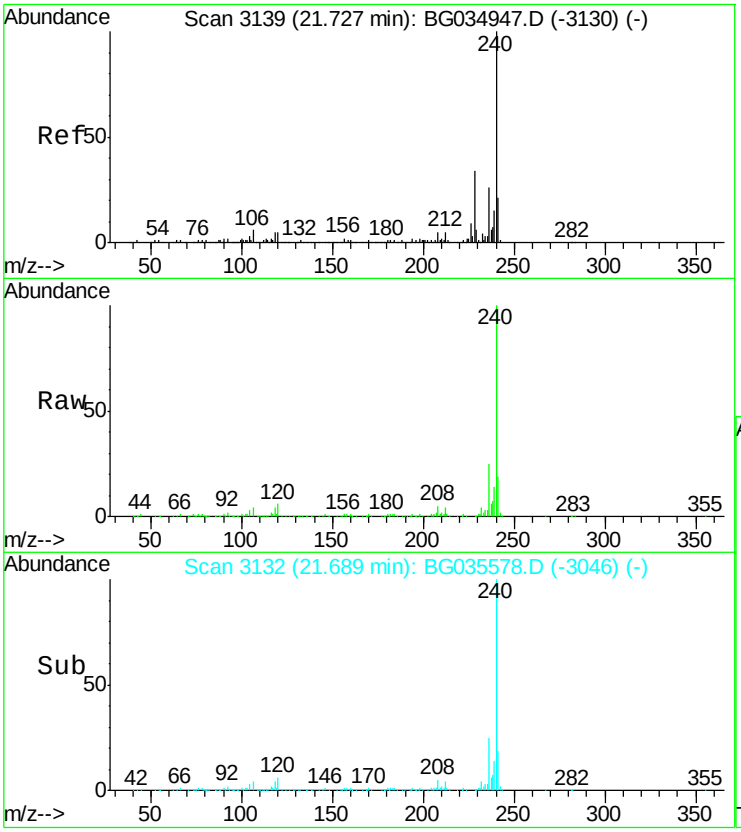


#66
4-Bromophenyl-phenylether
Concen: 5.892 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.47 min
Lab File: BG035578.D
Acq: 3 Jul 2018 9:19

Tgt Ion:248 Resp: 18073

Ion	Ratio	Lower	Upper
248	100		
250	191.0	77.1	115.7#
141	438.9	50.8	76.2#



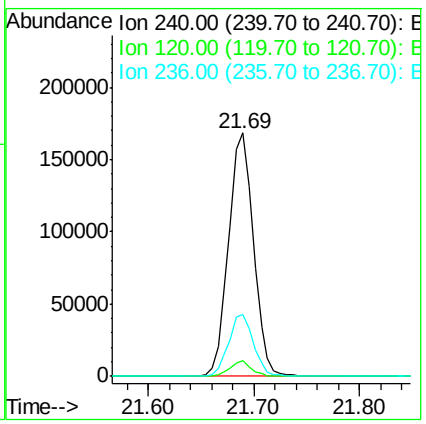


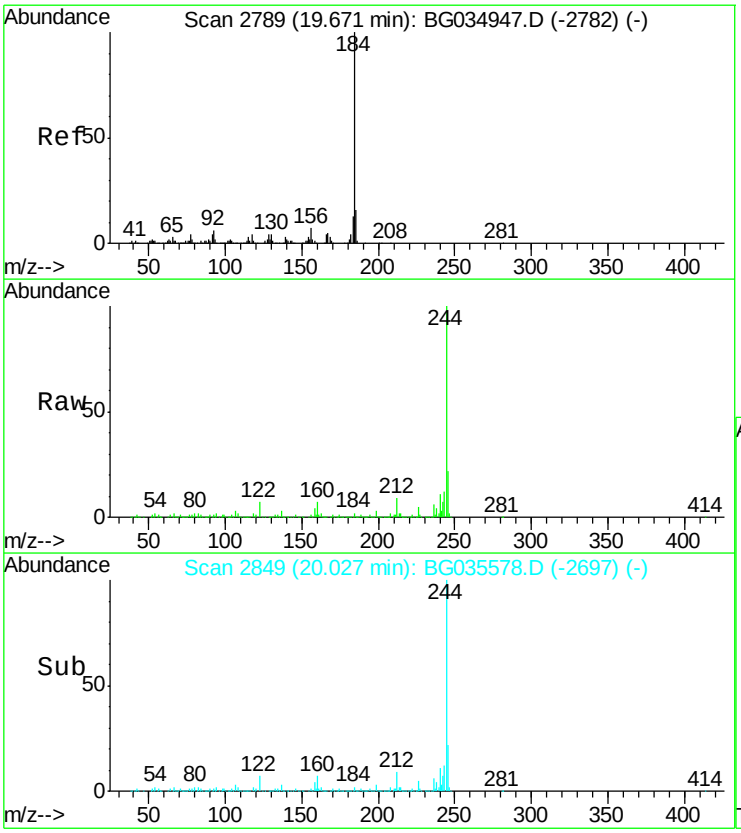
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.03 min
Lab File: BG035578.D
Acq: 3 Jul 2018 9:19

Instrument :
BNA_G
ClientSampleId :
MW-11

Tgt Ion:240 Resp: 274132

Ion	Ratio	Lower	Upper
240	100		
120	6.2	6.8	10.2#
236	25.3	20.9	31.3

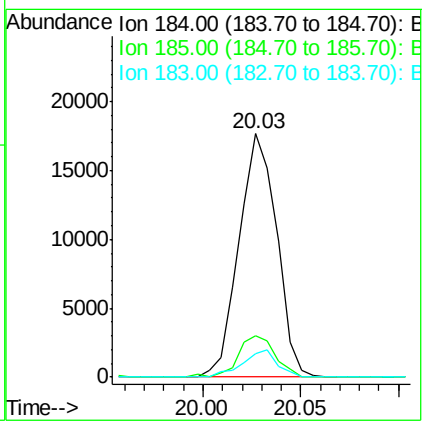


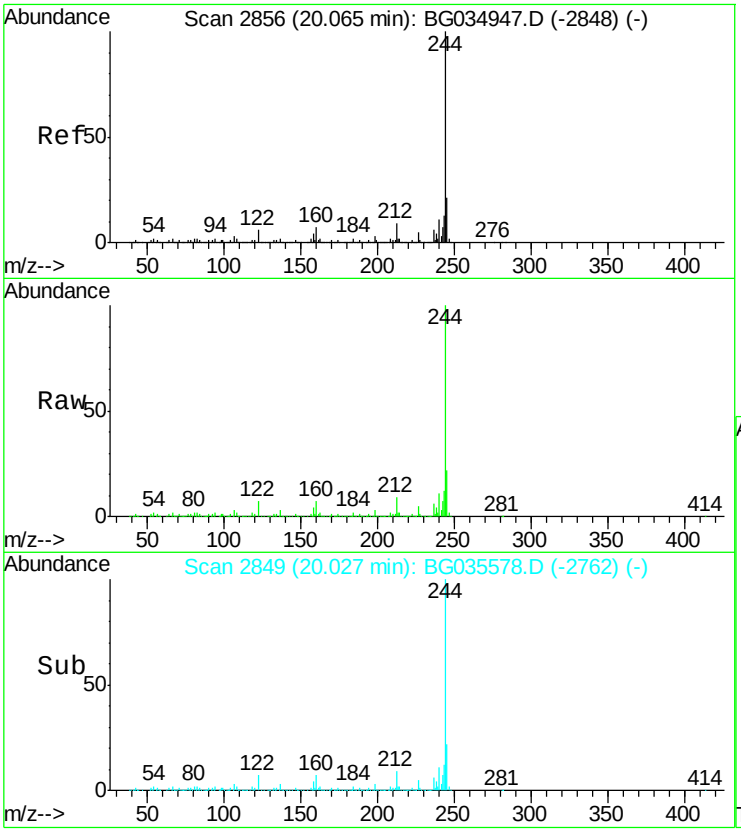


#76
Benzidine
Concen: 2.317 ng
RT: 20.03 min Scan# 2849
Delta R.T. 0.36 min
Lab File: BG035578.D
Acq: 3 Jul 2018 9:19

Tgt Ion:184 Resp: 23633

Ion	Ratio	Lower	Upper
184	100		
185	16.9	11.1	16.7#
183	9.6	10.6	16.0#



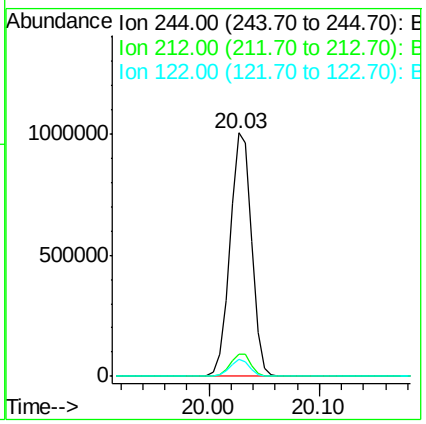


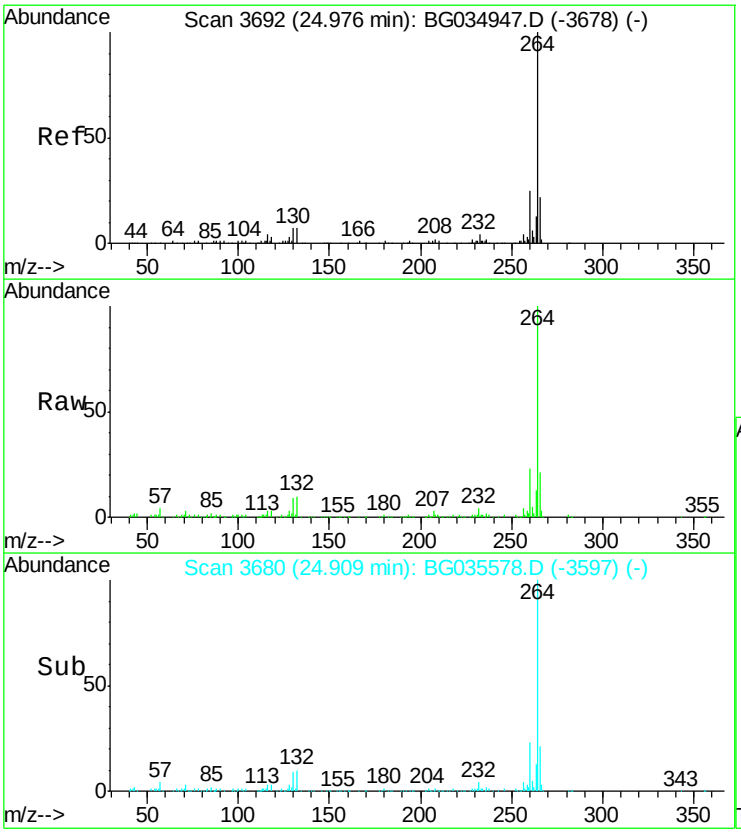
#78
Terphenyl-d14
Concen: 104.962 ng
RT: 20.03 min Scan# 2849
Delta R.T. -0.02 min
Lab File: BG035578.D
Acq: 3 Jul 2018 9:19

Instrument :
BNA_G
ClientSampleId :
MW-11

Tgt Ion:244 Resp: 1373654

Ion	Ratio	Lower	Upper
244	100		
212	9.1	5.8	8.8#
122	6.9	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3680
Delta R.T. -0.04 min
Lab File: BG035578.D
Acq: 3 Jul 2018 9:19

Tgt Ion:264 Resp: 260994

Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.4	26.0
265	21.3	17.7	26.5