Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080818\
Data File : BG036224.D
Acq On : 9 Aug 2018 9:09
Operator : JU/SJ
Sample : J4304-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A15

Quant Time: Aug 09 10:53:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	28509	20.00	ng	-0.01
21) Naphthalene-d8	10.81	136	97686	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	71473	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	182495	20.00	ng	-0.02
75) Chrysene-d12	21.64	240	209488	20.00	ng	-0.02
86) Perylene-d12	24.83	264	192519	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	117102	68.19	ng	-0.01
7) Phenol-d6	7.18	99	112233	43.81	ng	-0.01
23) Nitrobenzene-d5	9.17	82	234644	100.34	ng	-0.02
41) 2,4,6-Tribromophenol	16.13	330	166598	176.84	ng	-0.02
44) 2-Fluorobiphenyl	13.25	172	560601	105.08	ng	-0.02
78) Terphenyl-d14	19.99	244	981473	103.27	ng	-0.02
Target Compounds						Qvalue
10) Phenol	7.20	94	5459	2.109	ng	# 56
19) n-Nitroso-di-n-propylamine	9.17	70	32612	15.116	ng	# 67
49) Dimethylphthalate	14.09	163	34776	5.553	ng	# 97
53) 2,4-Dinitrophenol	14.94	184	63	6.670	ng	# 1
56) 2,4-Dinitrotoluene	14.63	165	9679	5.291	ng	# 16
66) 4-Bromophenyl-phenylether	16.13	248	13713	6.477	ng	# 1
76) Benzidine	19.99	184	17988	3.266	ng	# 93

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

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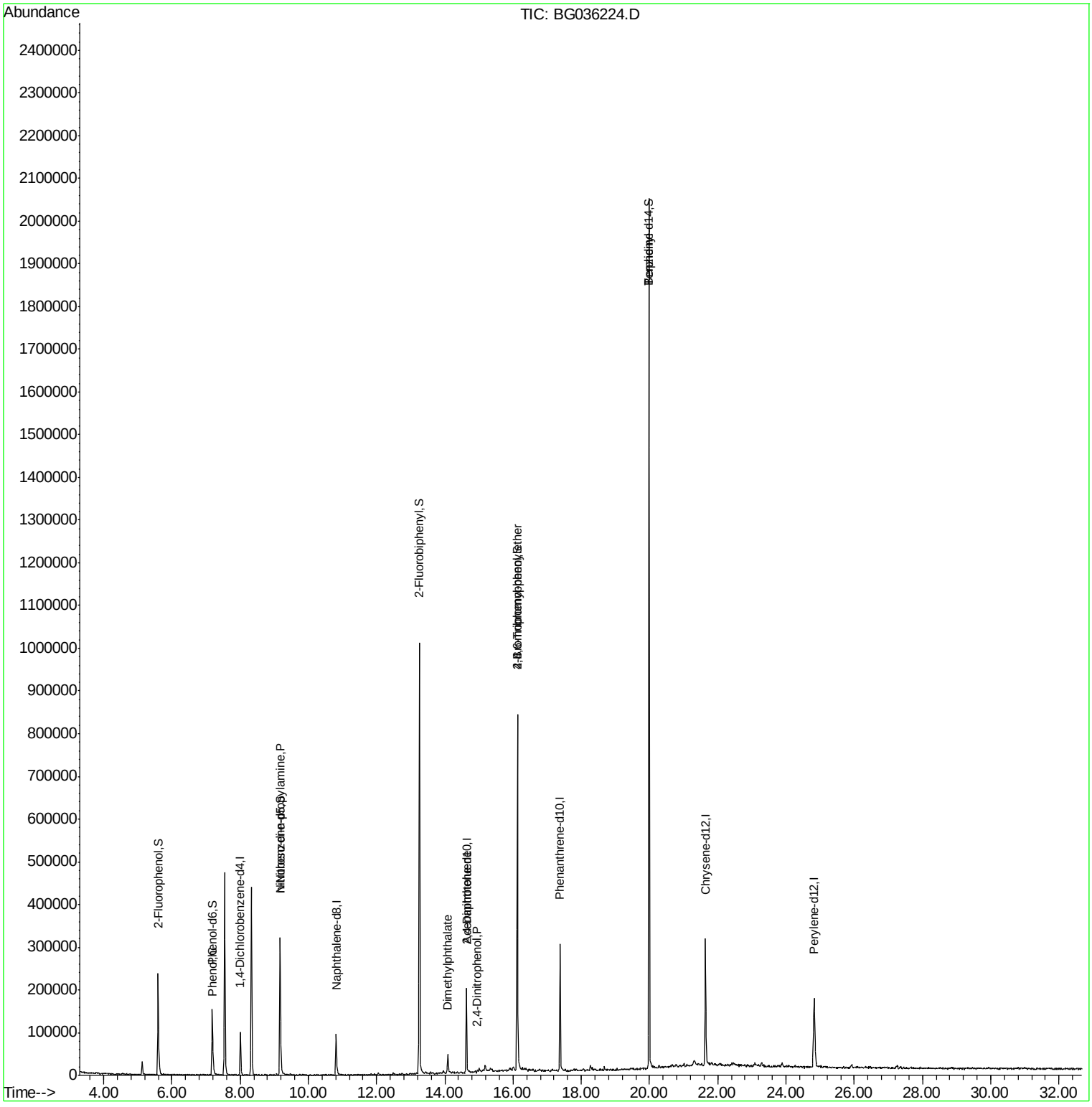
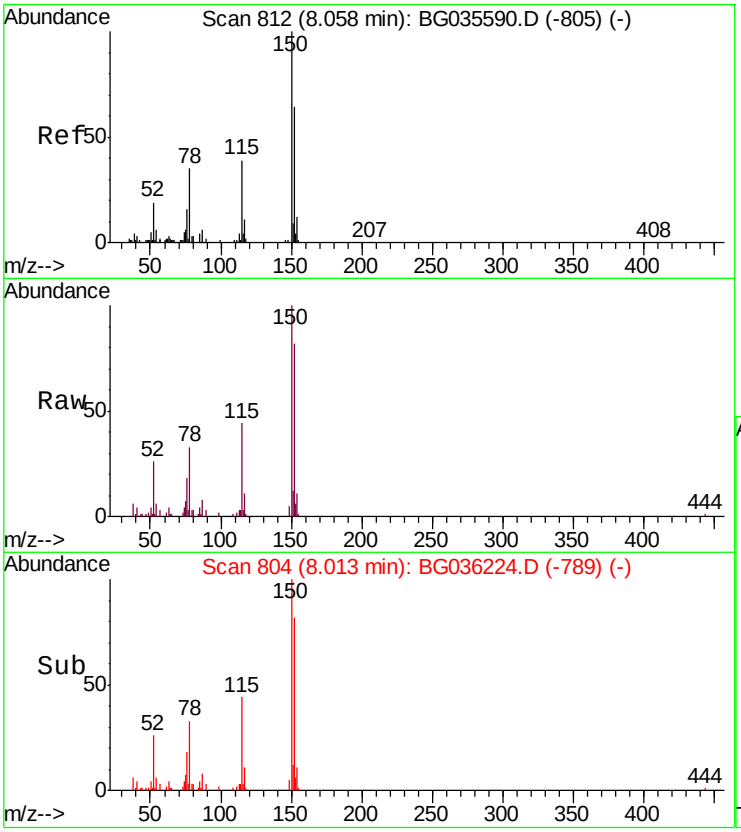


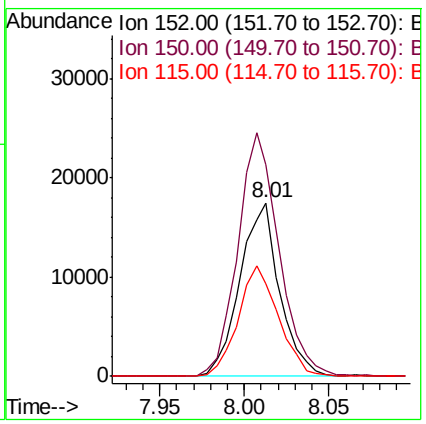


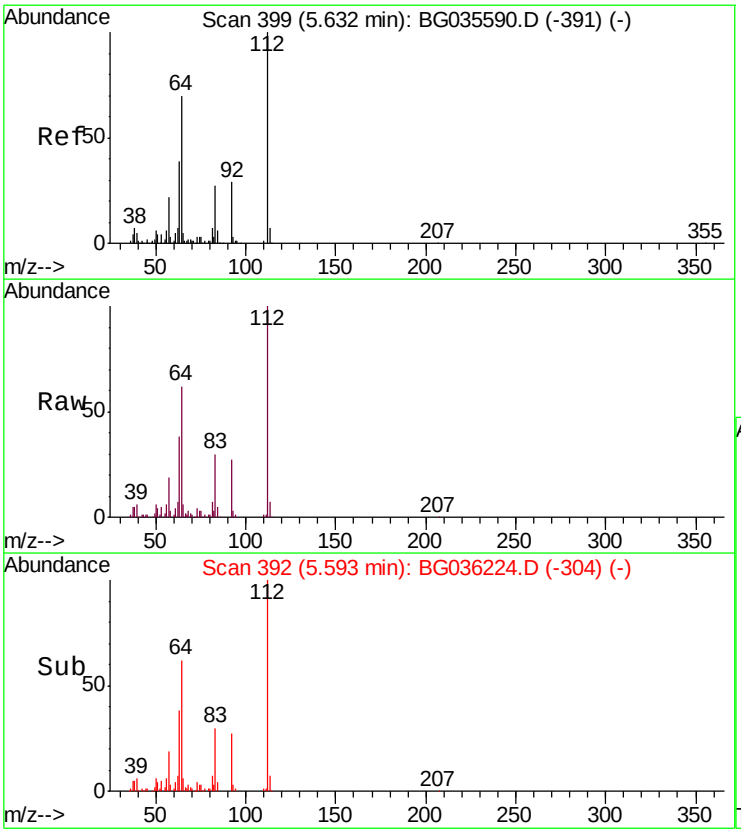
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.01 min
Lab File: BG036224.D
Acq: 9 Aug 2018 9:09

Instrument :
BNA_G
ClientSampleId :
MW-A15

Tgt Ion:152 Resp: 28509

Ion	Ratio	Lower	Upper
152	100		
150	121.9	126.6	189.8#
115	53.7	53.0	79.4

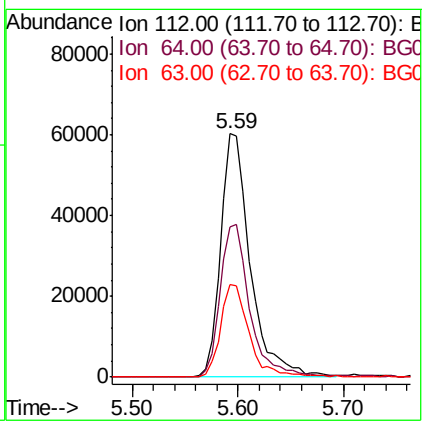


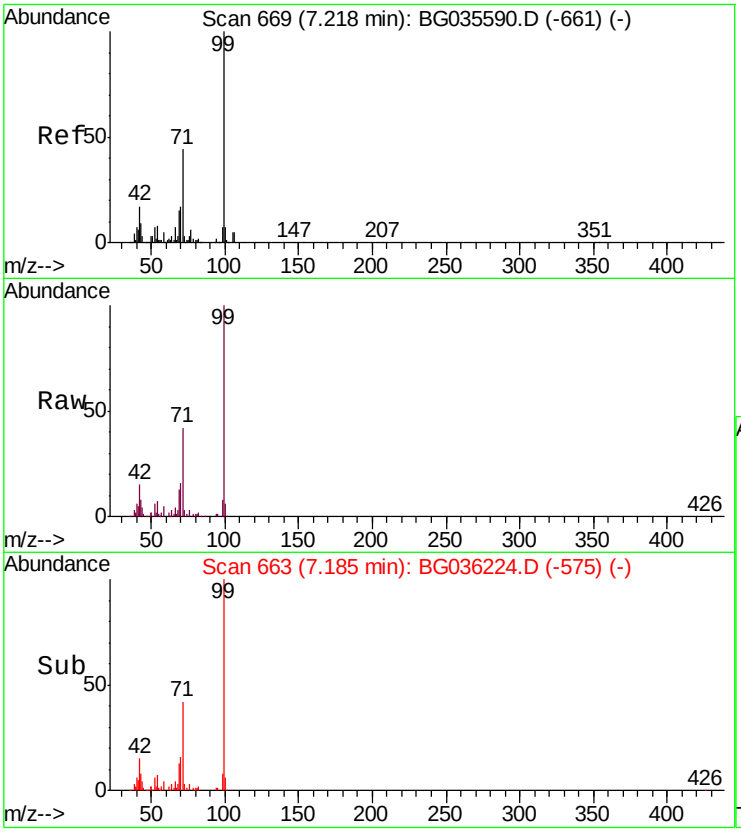


#5
2-Fluorophenol
Concen: 68.195 ng
RT: 5.59 min Scan# 392
Delta R.T. -0.01 min
Lab File: BG036224.D
Acq: 9 Aug 2018 9:09

Tgt Ion:112 Resp: 117102

Ion	Ratio	Lower	Upper
112	100		
64	61.7	56.3	84.5
63	38.3	30.1	45.1



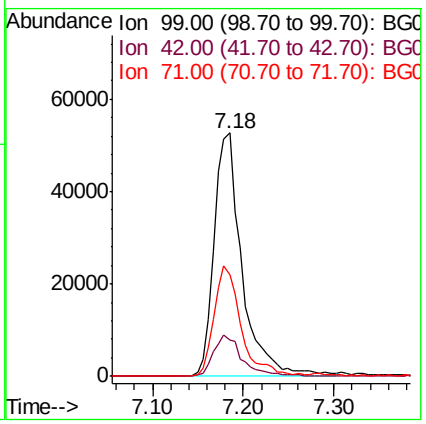


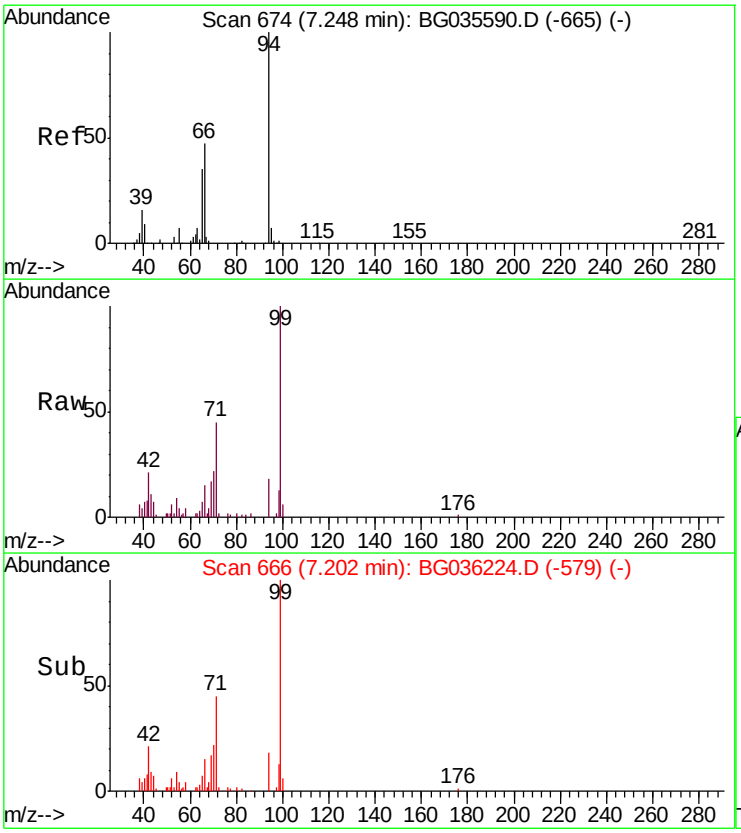
#7
Phenol-d6
Concen: 43.807 ng
RT: 7.18 min Scan# 663
Delta R.T. -0.01 min
Lab File: BG036224.D
Acq: 9 Aug 2018 9:09

Instrument :
BNA_G
ClientSampleId :
MW-A15

Tgt Ion: 99 Resp: 112233

Ion	Ratio	Lower	Upper
99	100		
42	14.9	14.1	21.1
71	41.9	26.1	39.1#

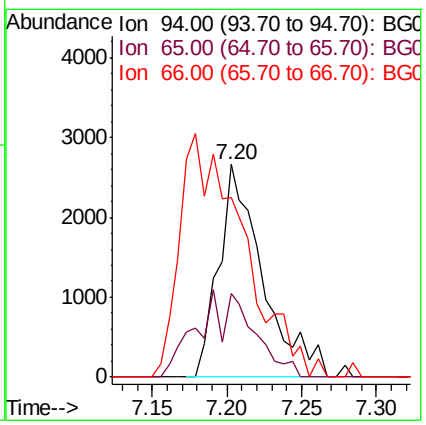


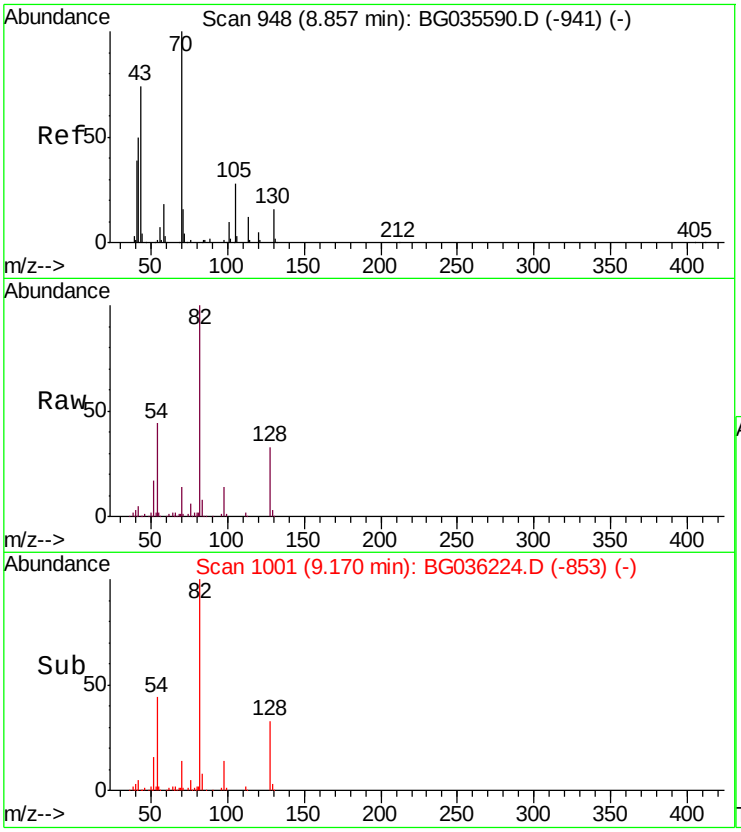


#10
Phenol
Concen: 2.109 ng
RT: 7.20 min Scan# 666
Delta R.T. -0.02 min
Lab File: BG036224.D
Acq: 9 Aug 2018 9:09

Tgt Ion: 94 Resp: 5459

Ion	Ratio	Lower	Upper
94	100		
65	39.7	11.9	51.9
66	84.4	22.2	62.2#



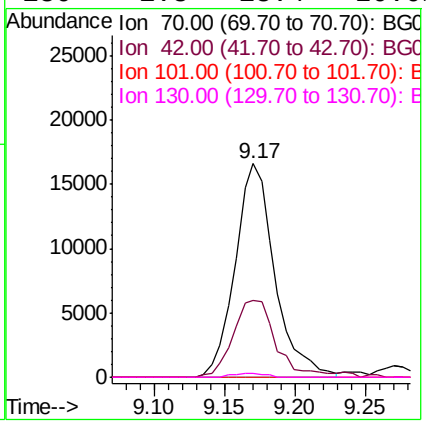


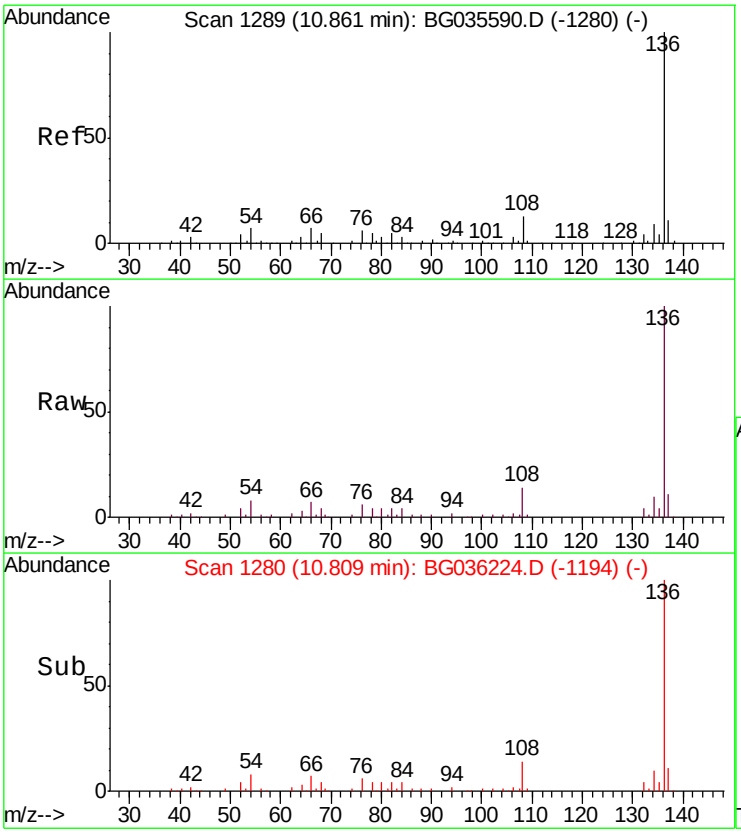
#19
n-Nitroso-di-n-propylamine
Concen: 15.116 ng
RT: 9.17 min Scan# 1001
Delta R.T. 0.34 min
Lab File: BG036224.D
Acq: 9 Aug 2018 9:09

Instrument :
BNA_G
ClientSampleId :
MW-A15

Tgt Ion: 70 Resp: 32612

Ion	Ratio	Lower	Upper
70	100		
42	36.0	49.1	73.7#
101	0.0	8.5	12.7#
130	1.8	13.4	20.0#

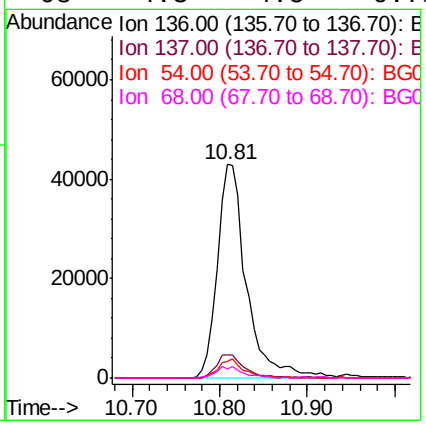


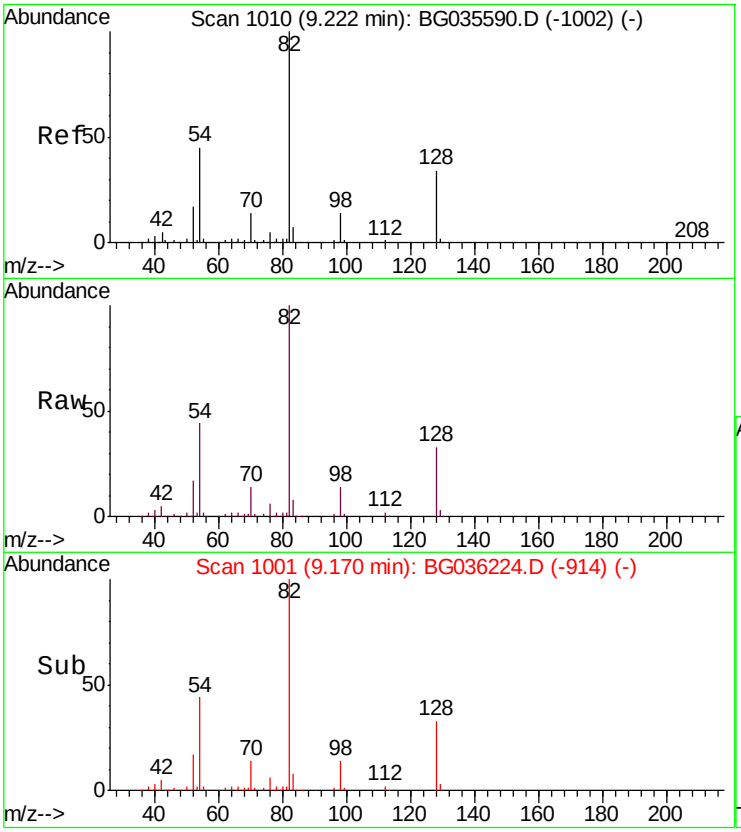


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BG036224.D
Acq: 9 Aug 2018 9:09

Tgt Ion:136 Resp: 97686

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	7.9	10.3	15.5#
68	4.3	4.5	6.7#



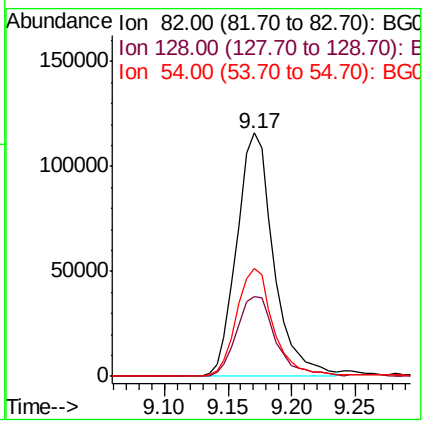


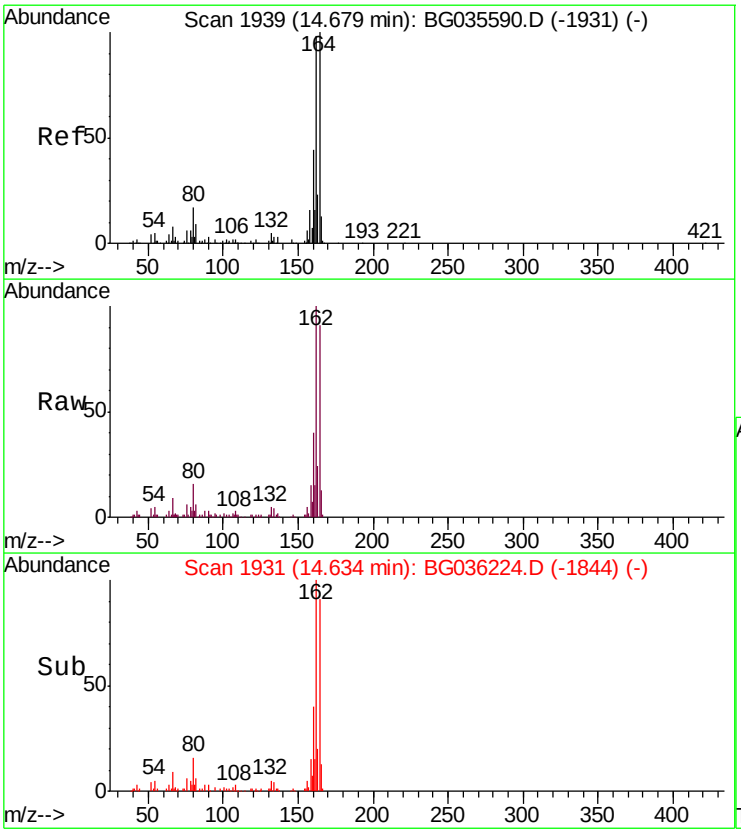
#23
Nitrobenzene-d5
Concen: 100.344 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG036224.D
Acq: 9 Aug 2018 9:09

Instrument :
BNA_G
ClientSampleId :
MW-A15

Tgt Ion: 82 Resp: 234644

Ion	Ratio	Lower	Upper
82	100		
128	32.9	29.7	44.5
54	44.5	43.1	64.7

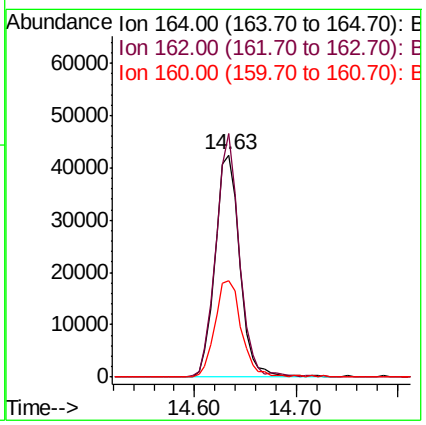


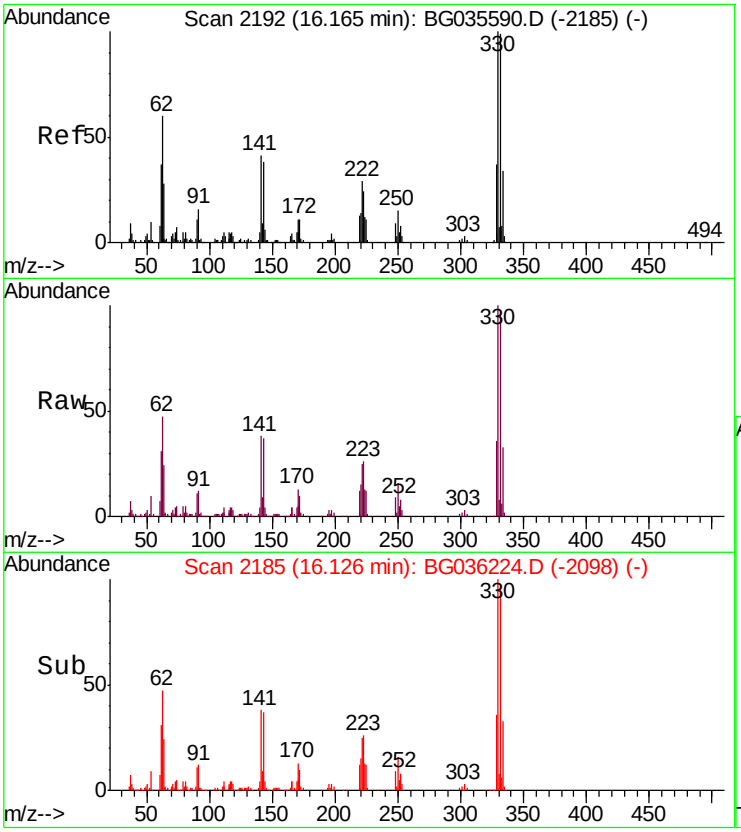


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.02 min
Lab File: BG036224.D
Acq: 9 Aug 2018 9:09

Tgt Ion:164 Resp: 71473

Ion	Ratio	Lower	Upper
164	100		
162	109.5	78.8	118.2
160	43.4	35.4	53.0



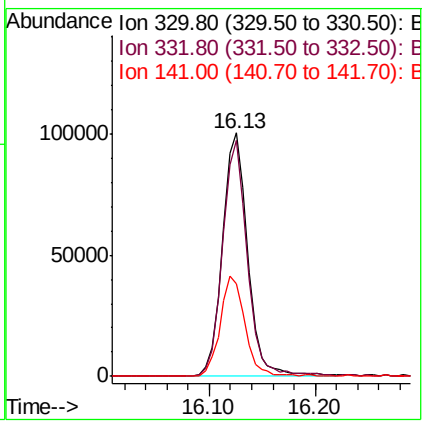


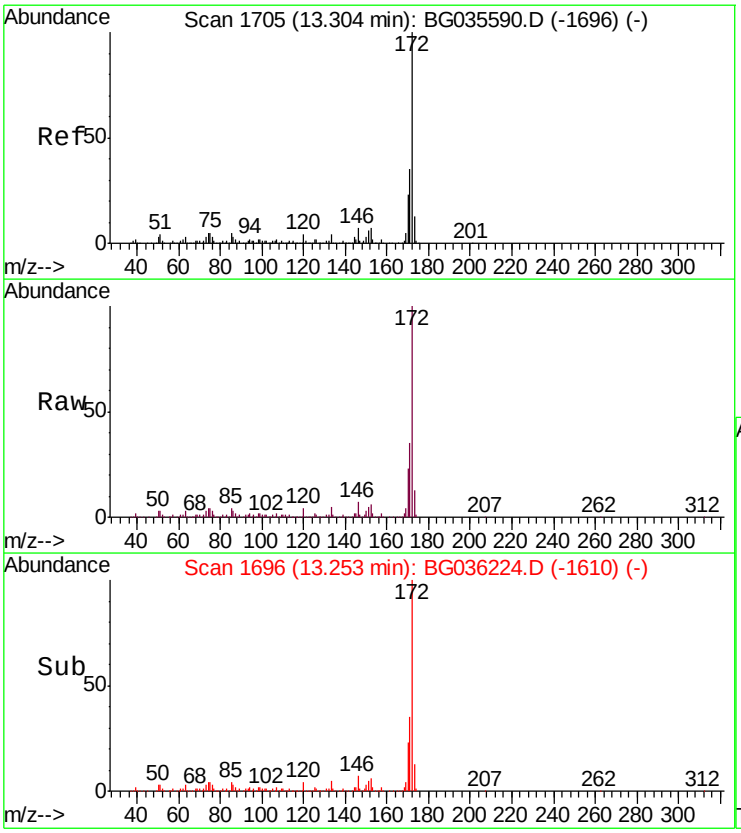
#41
2,4,6-Tribromophenol
Concen: 176.844 ng
RT: 16.13 min Scan# 2185
Delta R.T. -0.02 min
Lab File: BG036224.D
Acq: 9 Aug 2018 9:09

Instrument :
BNA_G
ClientSampleId :
MW-A15

Tgt Ion:330 Resp: 166598

Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.0	115.6
141	40.2	25.2	37.8#

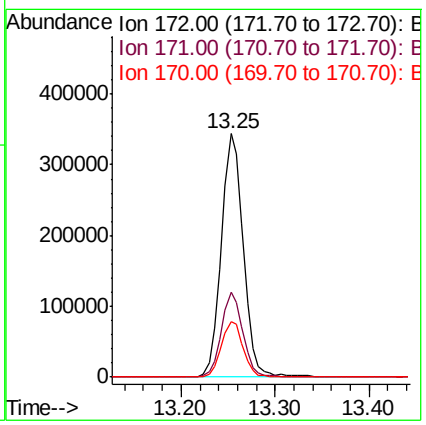


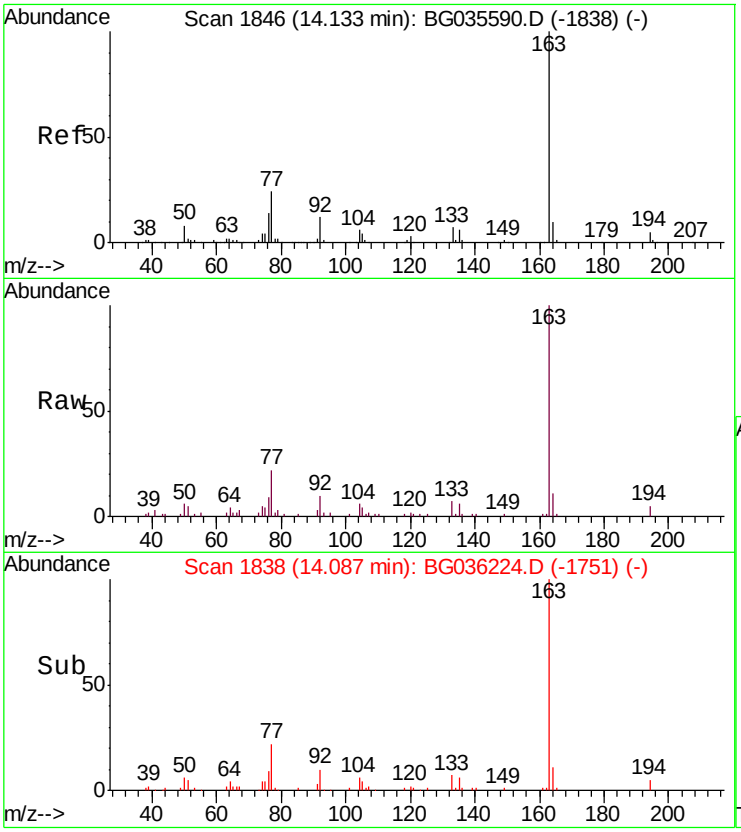


#44
2-Fluorobiphenyl
Concen: 105.083 ng
RT: 13.25 min Scan# 1696
Delta R.T. -0.02 min
Lab File: BG036224.D
Acq: 9 Aug 2018 9:09

Tgt Ion:172 Resp: 560601

Ion	Ratio	Lower	Upper
172	100		
171	34.8	30.0	45.0
170	22.7	19.5	29.3



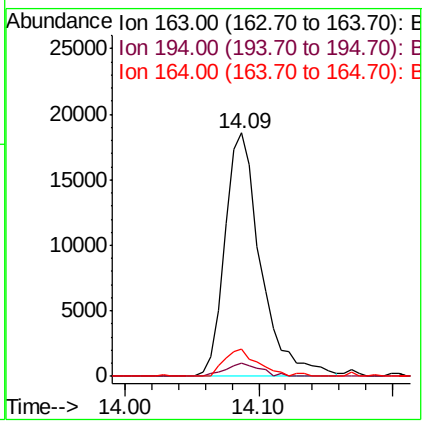


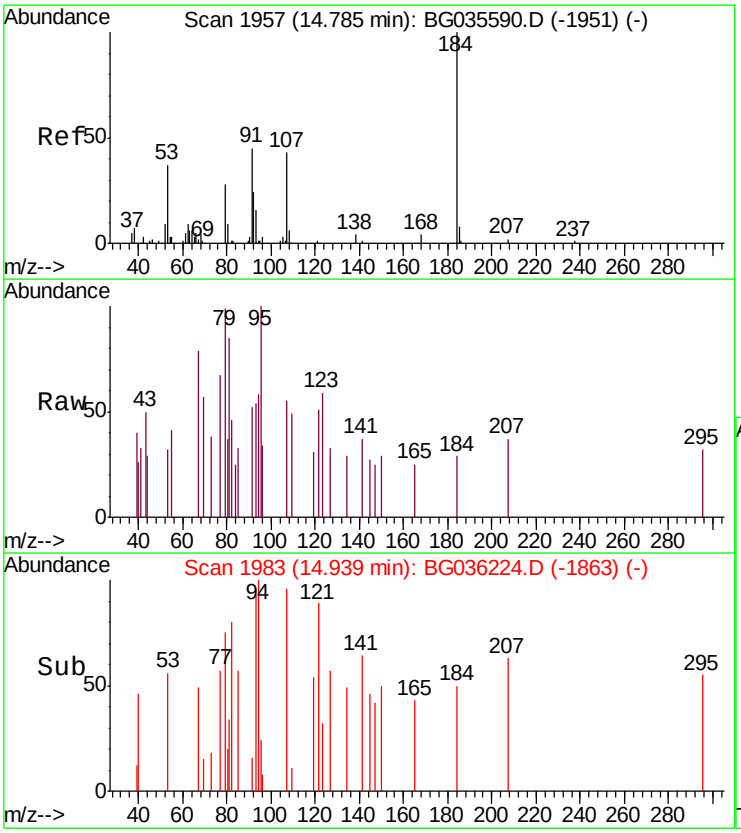
#49
Dimethylphthalate
Concen: 5.553 ng
RT: 14.09 min Scan# 1838
Delta R.T. -0.02 min
Lab File: BG036224.D
Acq: 9 Aug 2018 9:09

Instrument :
BNA_G
ClientSampleId :
MW-A15

Tgt Ion:163 Resp: 34776

Ion	Ratio	Lower	Upper
163	100		
194	5.4	3.4	5.2#
164	11.3	8.2	12.4

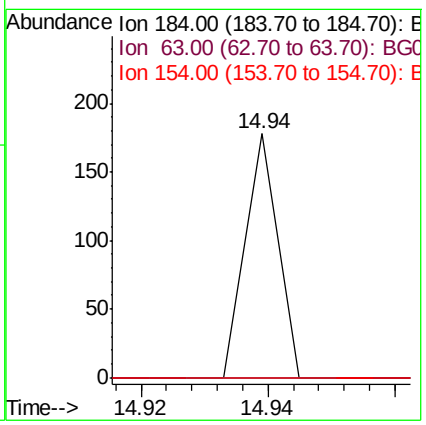


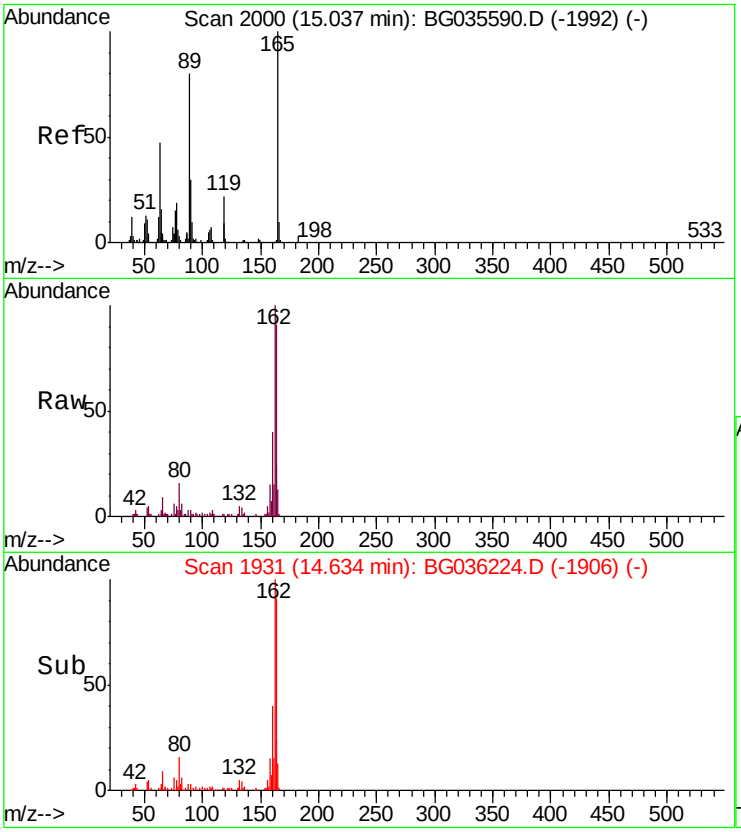


#53
2,4-Dinitrophenol
Concen: 6.670 ng
RT: 14.94 min Scan# 1983
Delta R.T. 0.18 min
Lab File: BG036224.D
Acq: 9 Aug 2018 9:09

Tgt Ion:184 Resp: 63

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



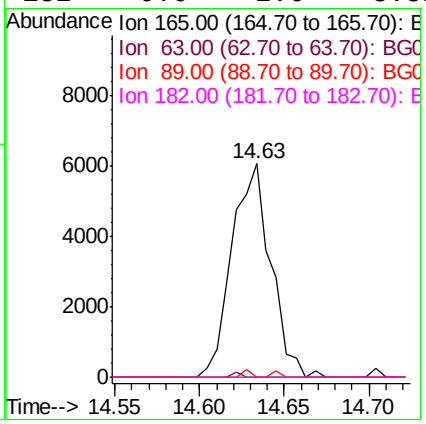


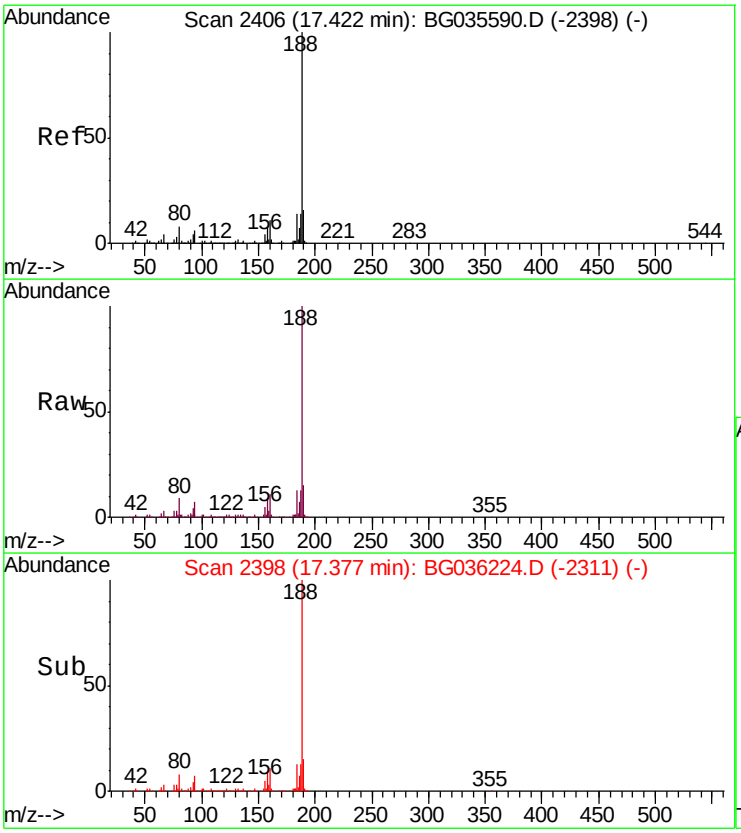
#56
2,4-Dinitrotoluene
Concen: 5.291 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.38 min
Lab File: BG036224.D
Acq: 9 Aug 2018 9:09

Instrument :
BNA_G
ClientSampleId :
MW-A15

Tgt Ion:165 Resp: 9679

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

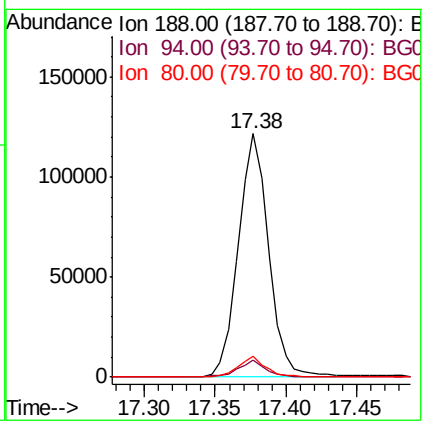


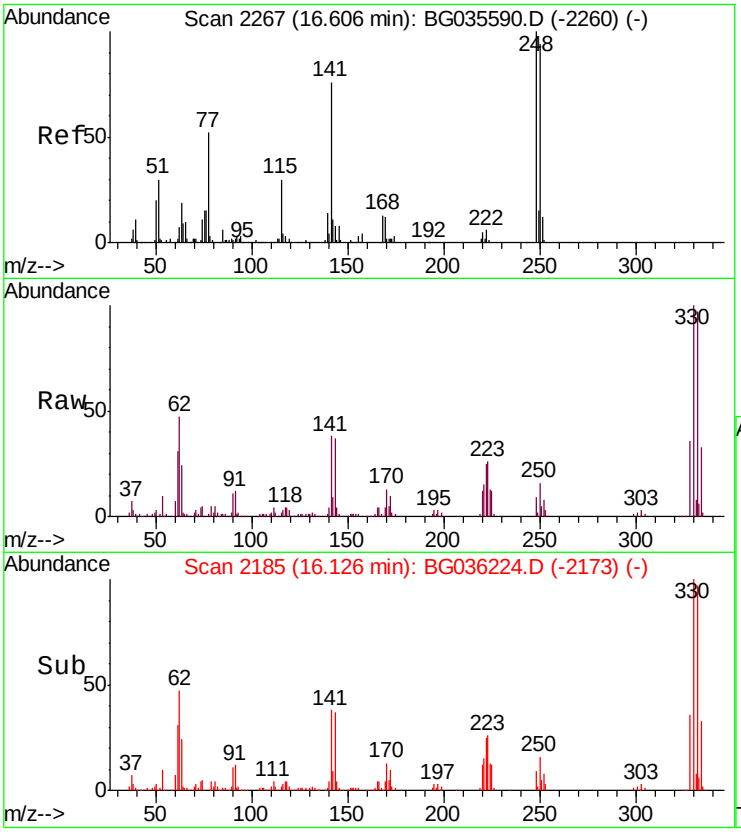


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2398
Delta R.T. -0.02 min
Lab File: BG036224.D
Acq: 9 Aug 2018 9:09

Tgt Ion:188 Resp: 182495

Ion	Ratio	Lower	Upper
188	100		
94	6.9	6.9	10.3#
80	8.5	7.7	11.5



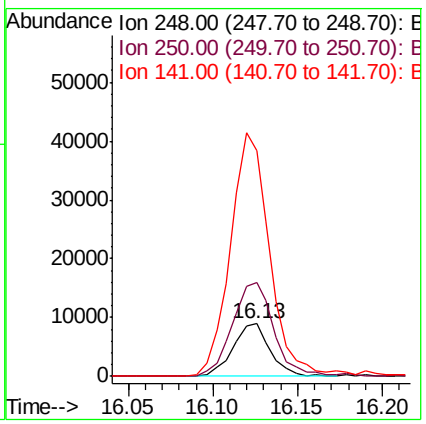


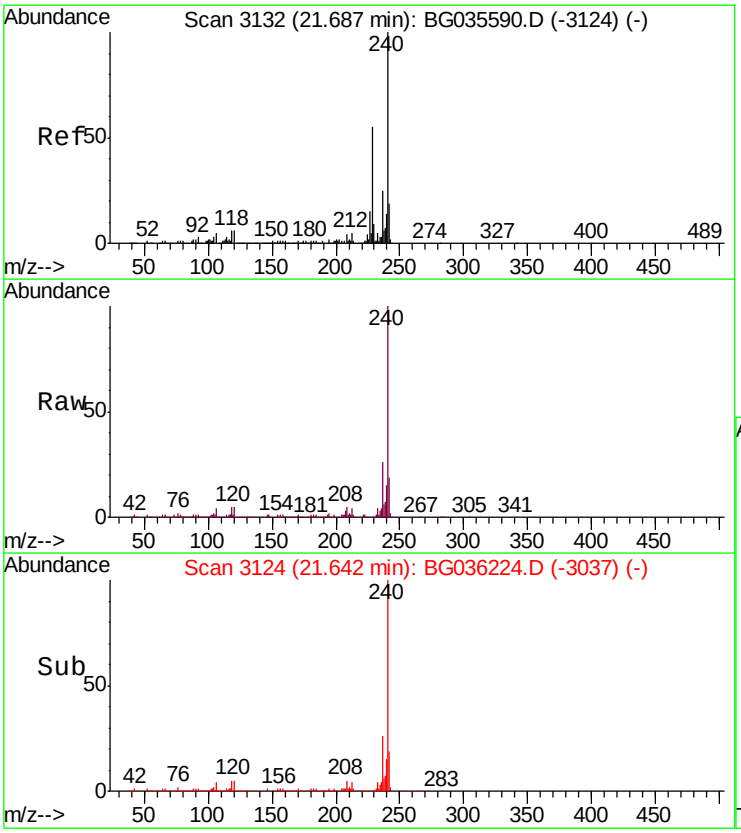
#66
4-Bromophenyl-phenylether
Concen: 6.477 ng
RT: 16.13 min Scan# 2185
Delta R.T. -0.46 min
Lab File: BG036224.D
Acq: 9 Aug 2018 9:09

Instrument :
BNA_G
ClientSampleId :
MW-A15

Tgt Ion:248 Resp: 13713

Ion	Ratio	Lower	Upper
248	100		
250	178.3	77.1	115.7#
141	431.4	50.8	76.2#

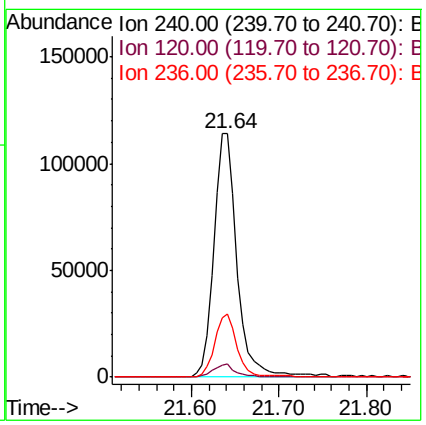


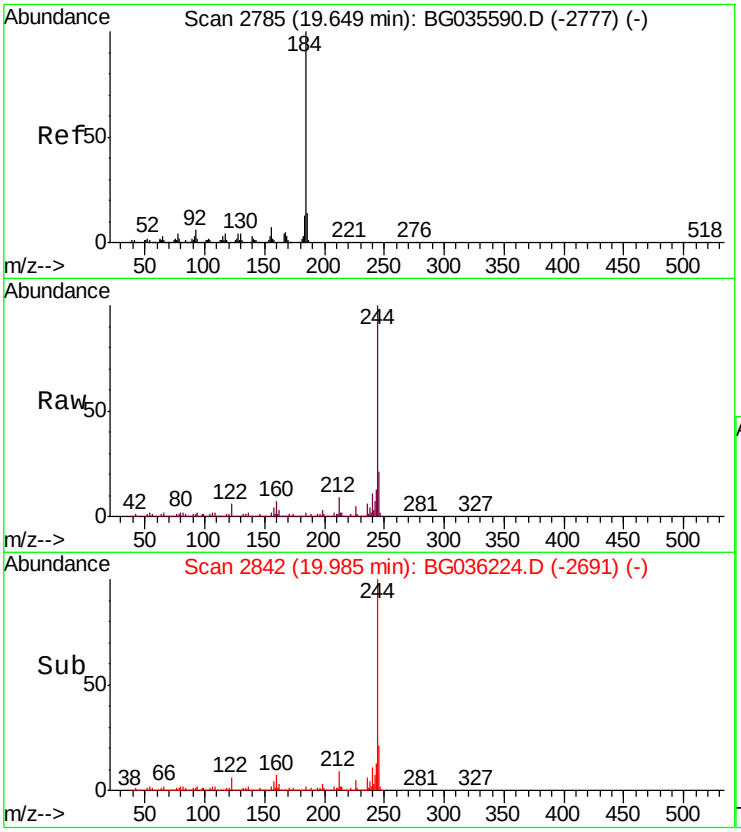


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BG036224.D
Acq: 9 Aug 2018 9:09

Tgt Ion:240 Resp: 209488

Ion	Ratio	Lower	Upper
240	100		
120	5.5	6.8	10.2#
236	25.8	20.9	31.3



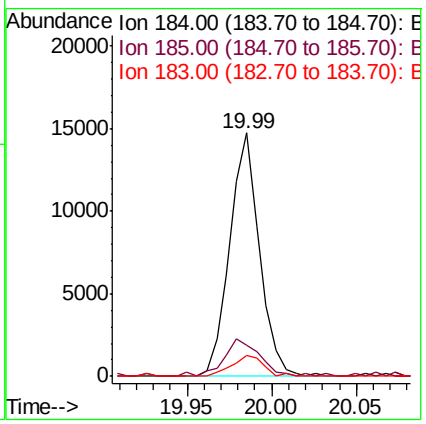


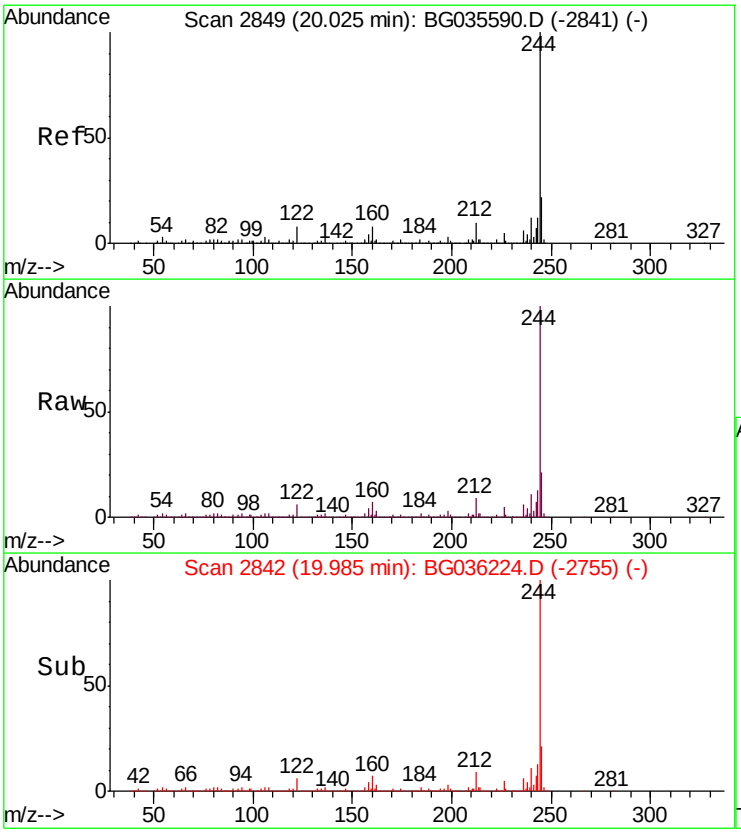
#76
Benzidine
Concen: 3.266 ng
RT: 19.99 min Scan# 2842
Delta R.T. 0.36 min
Lab File: BG036224.D
Acq: 9 Aug 2018 9:09

Instrument :
BNA_G
ClientSampleId :
MW-A15

Tgt Ion:184 Resp: 17988

Ion	Ratio	Lower	Upper
184	100		
185	13.0	11.1	16.7
183	8.8	10.6	16.0#

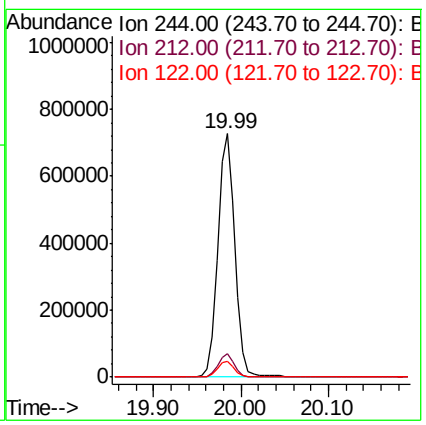


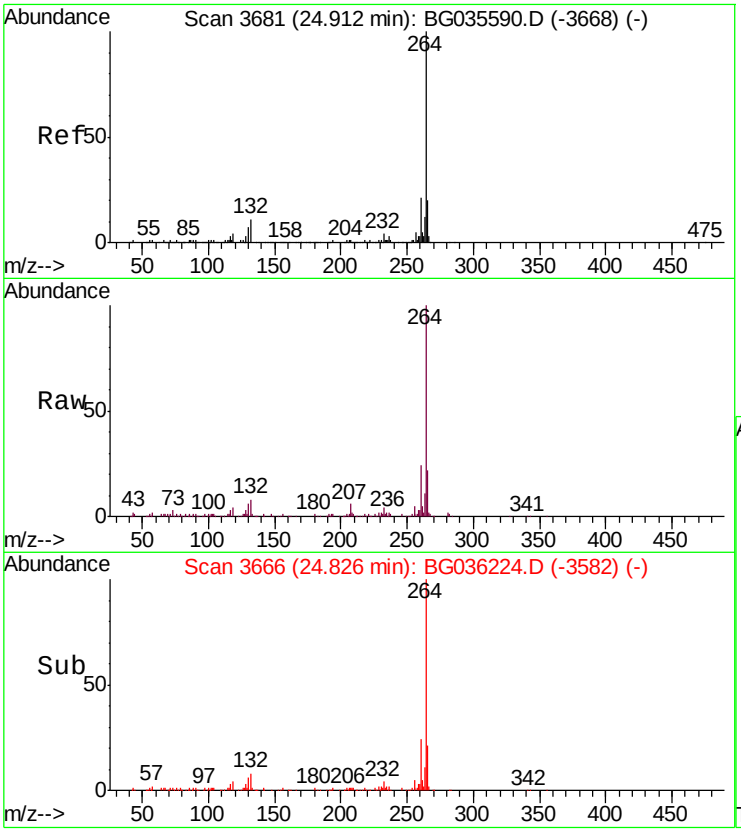


#78
Terphenyl-d14
Concen: 103.274 ng
RT: 19.99 min Scan# 2842
Delta R.T. -0.02 min
Lab File: BG036224.D
Acq: 9 Aug 2018 9:09

Tgt Ion:244 Resp: 981473

Ion	Ratio	Lower	Upper
244	100		
212	9.5	5.8	8.8#
122	6.3	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.83 min Scan# 3666
Delta R.T. -0.03 min
Lab File: BG036224.D
Acq: 9 Aug 2018 9:09

Instrument :
BNA_G
ClientSampleId :
MW-A15

Tgt Ion:264 Resp: 192519

Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	21.8	17.7	26.5