Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101719\
Data File : BG043274.D
Acq On : 17 Oct 2019 22:51
Operator : JU
Sample : K5292-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20180657-AMENDED-COMP-D

Quant Time: Oct 18 01:43:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:11:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	47157	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	196277	20.00	ng	-0.02
39) Acenaphthene-d10	14.66	164	138480	20.00	ng	-0.02
64) Phenanthrene-d10	17.41	188	291815	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	321828	20.00	ng	-0.01
87) Perylene-d12	24.90	264	373657	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	61	0.02	ng	0.02
7) Phenol-d6	7.21	99	1068	0.28	ng	-0.02
23) Nitrobenzene-d5	9.20	82	339033	83.96	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	294	0.12	ng	0.02
45) 2-Fluorobiphenyl	13.29	172	923222	96.65	ng	-0.02
79) Terphenyl-d14	20.02	244	1617958	107.13	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.36	79	6462	2.259	ng	# 54
19) n-Nitroso-di-n-propylamine	9.20	70	46464	18.596	ng	# 73
26) 2-Nitrophenol	10.44	139	3460	2.110	ng	# 27
31) Naphthalene	10.90	128	21198	2.194	ng	99
50) Dimethylphthalate	14.11	163	21328	2.056	ng	96
57) 2,4-Dinitrotoluene	14.66	165	18997	5.871	ng	# 26
77) Benzidine	20.02	184	25352	3.146	ng	# 91

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

Quantitation Report (Not Reviewed)

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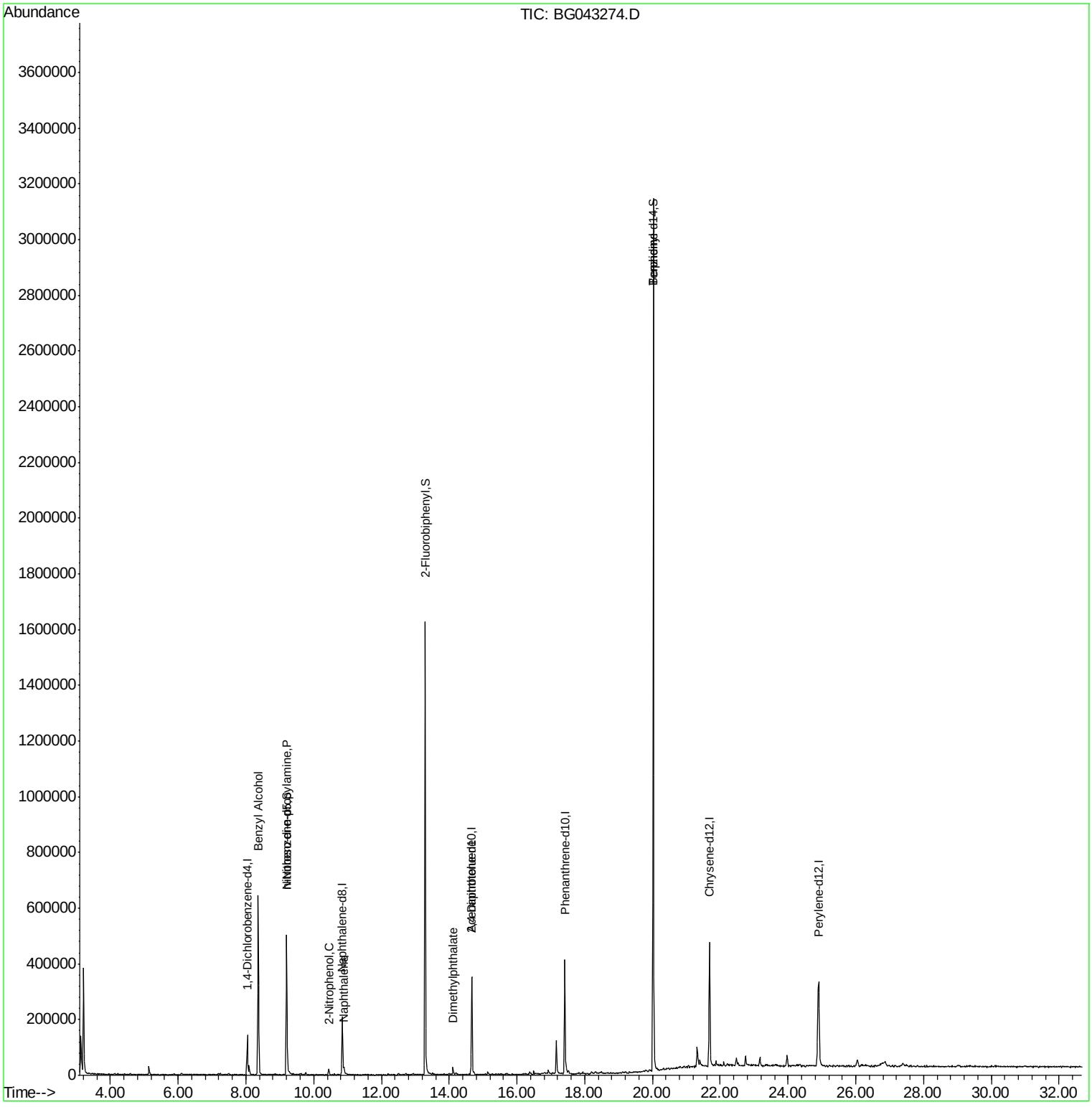
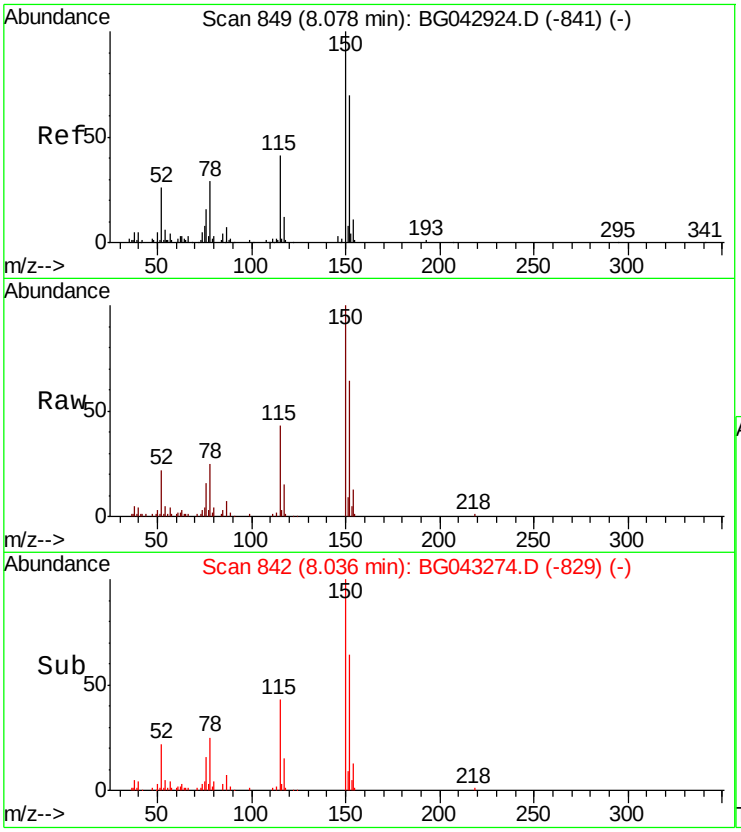


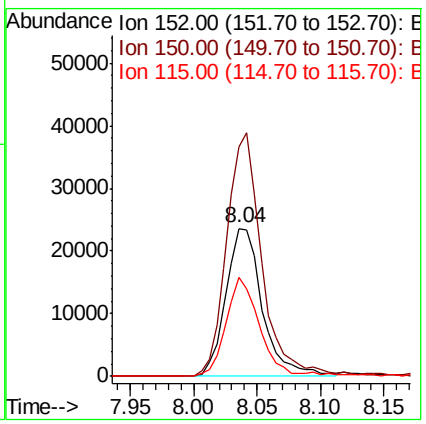


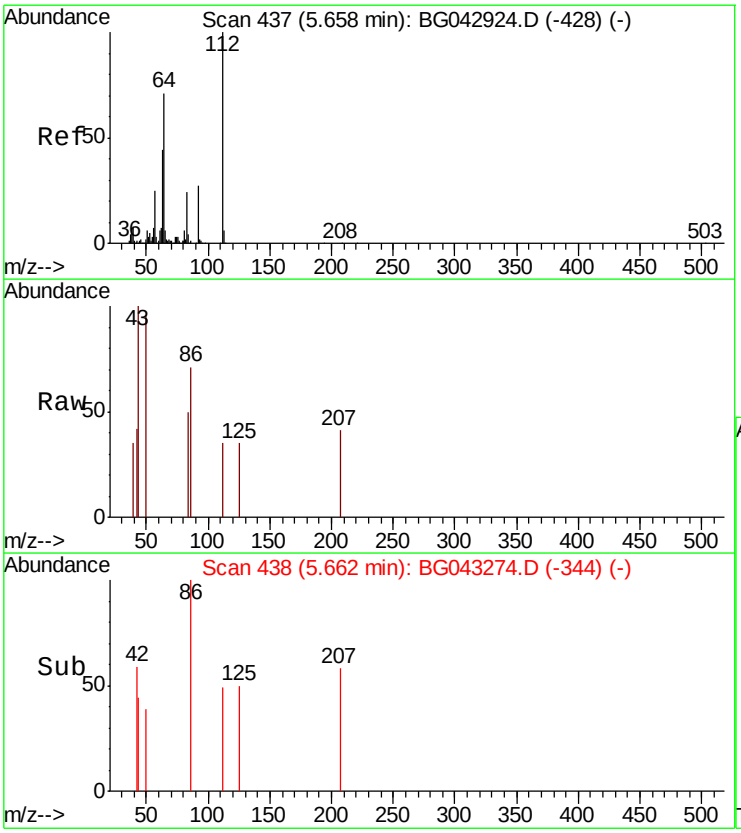
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 842
Delta R.T. -0.02 min
Lab File: BG043274.D
Acq: 17 Oct 2019 22:51

Instrument :
BNA_G
ClientSampleId :
20180657-AMENDED-COMP-D

Tgt Ion:152 Resp: 47157

Ion	Ratio	Lower	Upper
152	100		
150	155.1	115.0	172.4
115	66.6	47.0	70.6

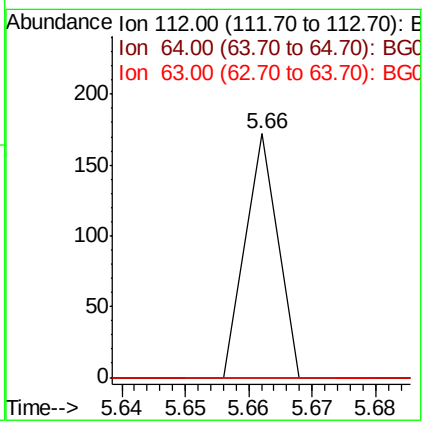


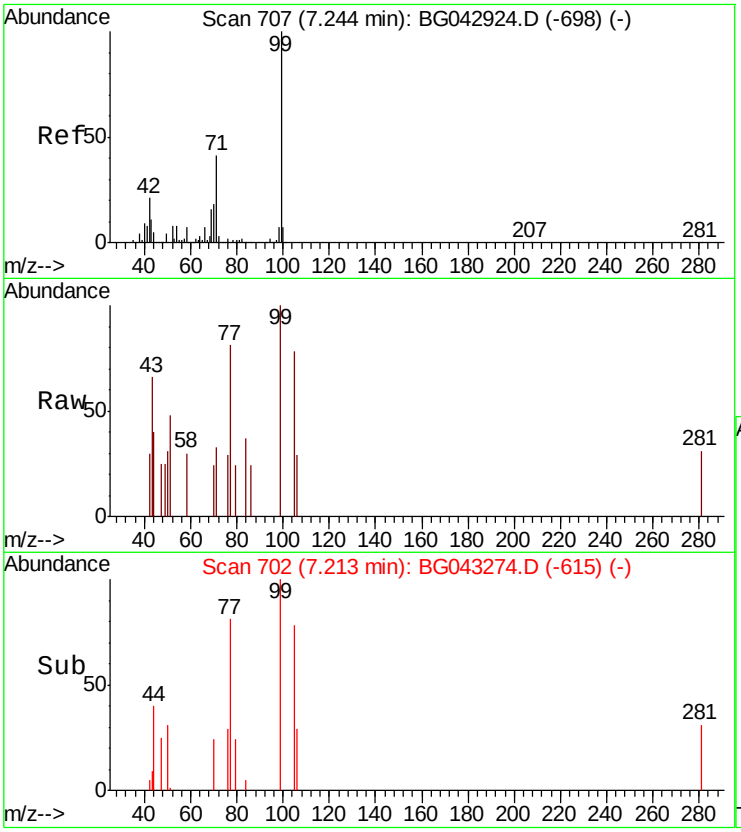


#5
2-Fluorophenol
Concen: 0.023 ng
RT: 5.66 min Scan# 438
Delta R.T. 0.02 min
Lab File: BG043274.D
Acq: 17 Oct 2019 22:51

Tgt Ion:112 Resp: 61

Ion	Ratio	Lower	Upper
112	100		
64	0.0	56.6	84.8#
63	0.0	35.1	52.7#



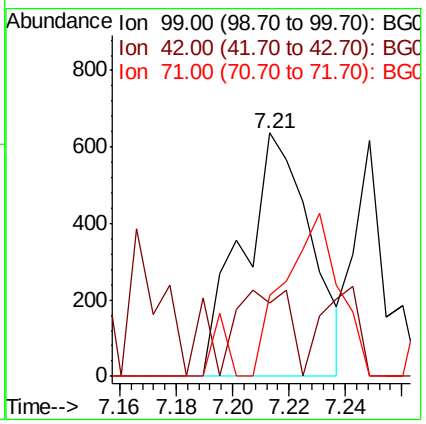


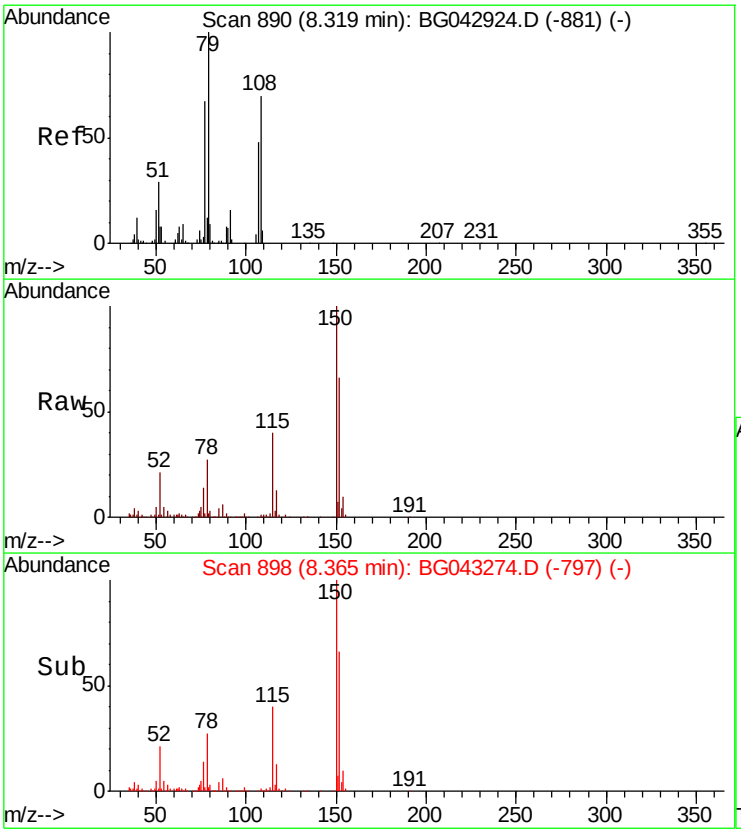
#7
Phenol-d6
Concen: 0.281 ng
RT: 7.21 min Scan# 702
Delta R.T. -0.02 min
Lab File: BG043274.D
Acq: 17 Oct 2019 22:51

Instrument :
BNA_G
ClientSampleId :
20180657-AMENDED-COMP-D

Tgt Ion: 99 Resp: 1068

Ion	Ratio	Lower	Upper
99	100		
42	30.3	17.2	25.8#
71	33.3	33.1	49.7

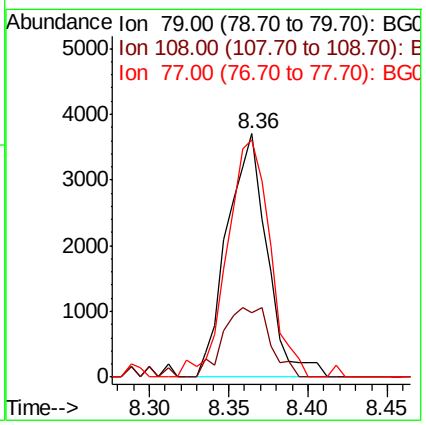


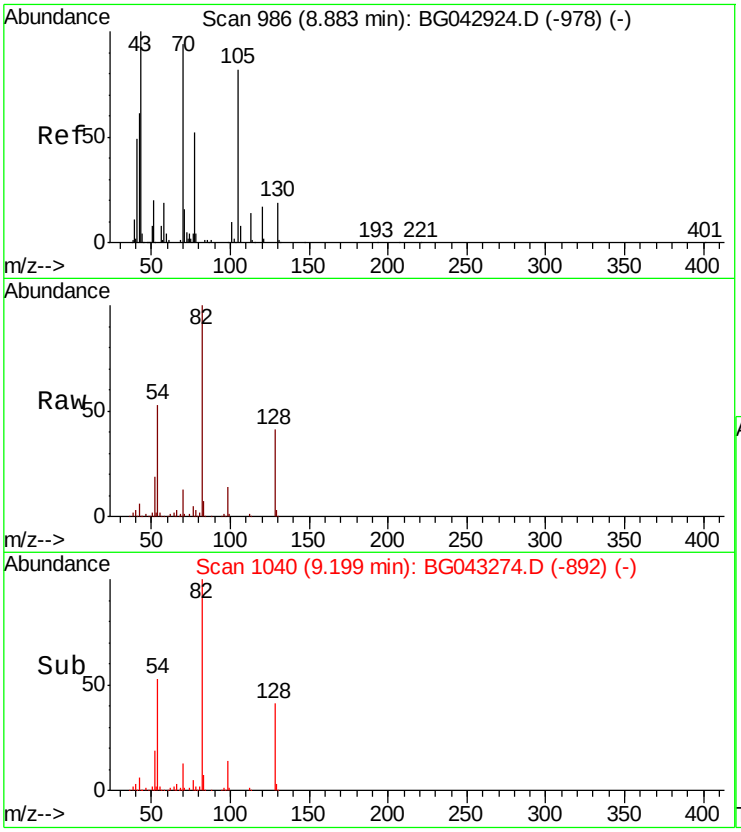


#15
Benzyl Alcohol
Concen: 2.259 ng
RT: 8.36 min Scan# 898
Delta R.T. 0.06 min
Lab File: BG043274.D
Acq: 17 Oct 2019 22:51

Tgt Ion: 79 Resp: 6462

Ion	Ratio	Lower	Upper
79	100		
108	26.2	55.7	83.5#
77	97.6	53.3	79.9#



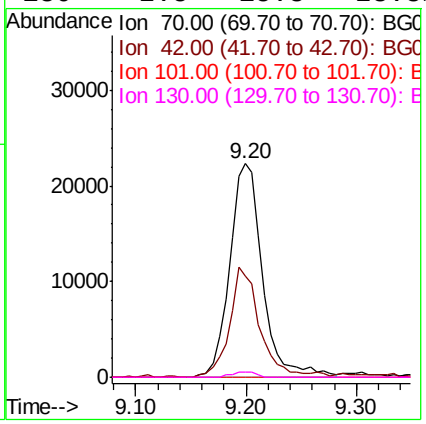


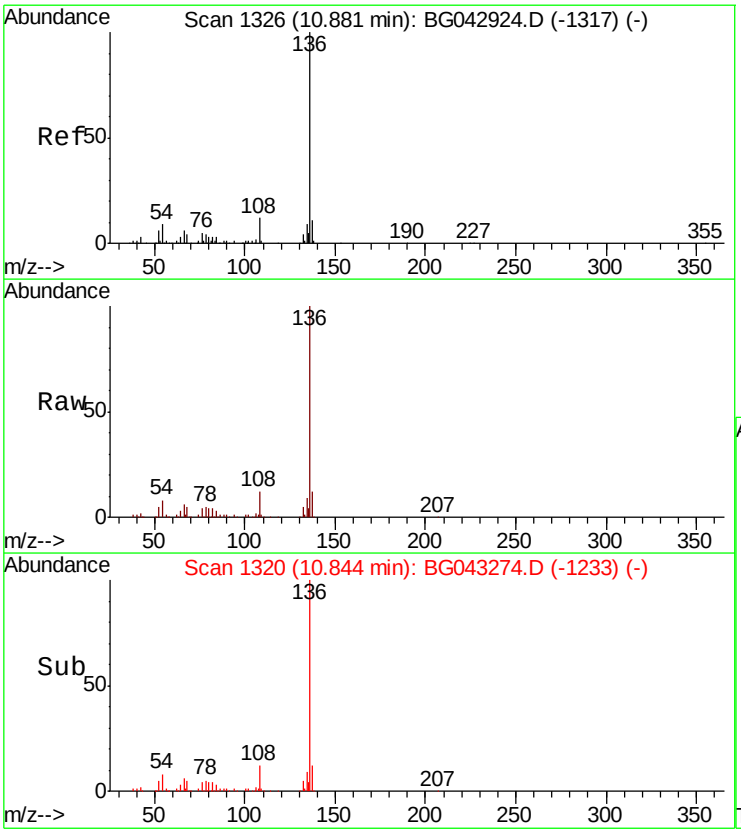
#19
n-Nitroso-di-n-propylamine
Concen: 18.596 ng
RT: 9.20 min Scan# 1040
Delta R.T. 0.34 min
Lab File: BG043274.D
Acq: 17 Oct 2019 22:51

Instrument :
BNA_G
ClientSampleId :
20180657-AMENDED-COMP-D

Tgt Ion: 70 Resp: 46464

Ion	Ratio	Lower	Upper
70	100		
42	47.4	52.6	79.0#
101	0.0	8.7	13.1#
130	2.5	15.8	23.8#

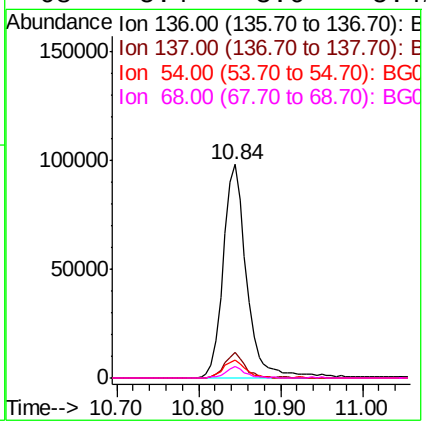


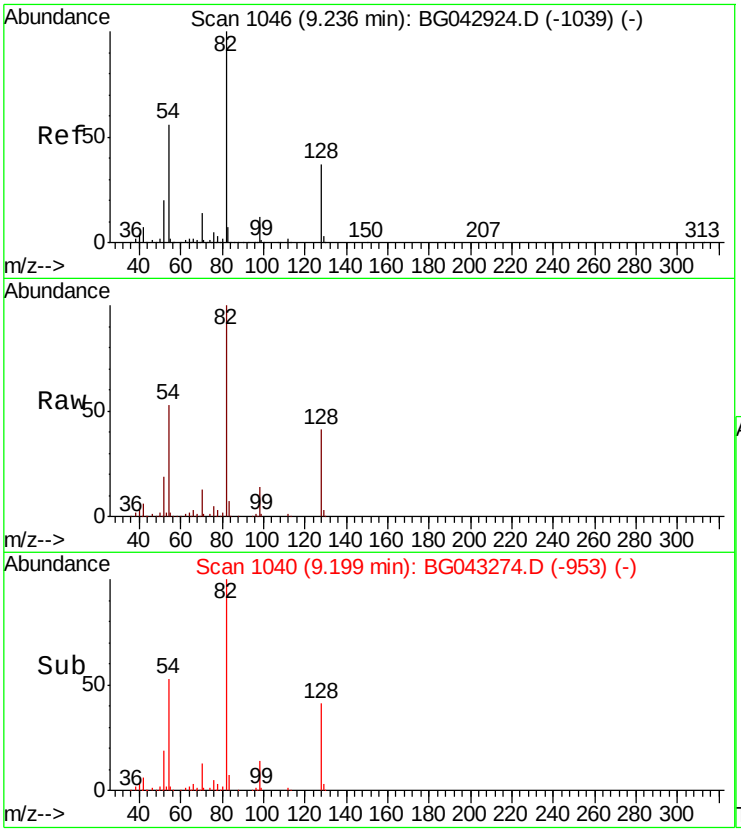


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BG043274.D
Acq: 17 Oct 2019 22:51

Tgt Ion:136 Resp: 196277

Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.5	12.7
54	8.2	7.4	11.2
68	5.4	3.6	5.4#



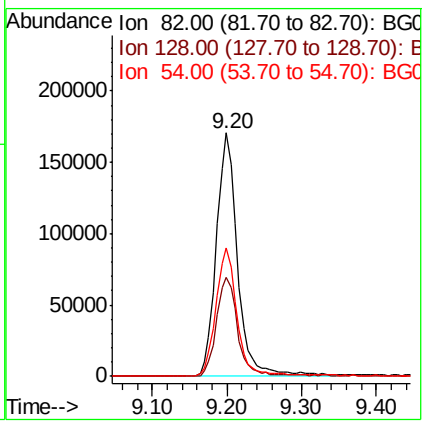


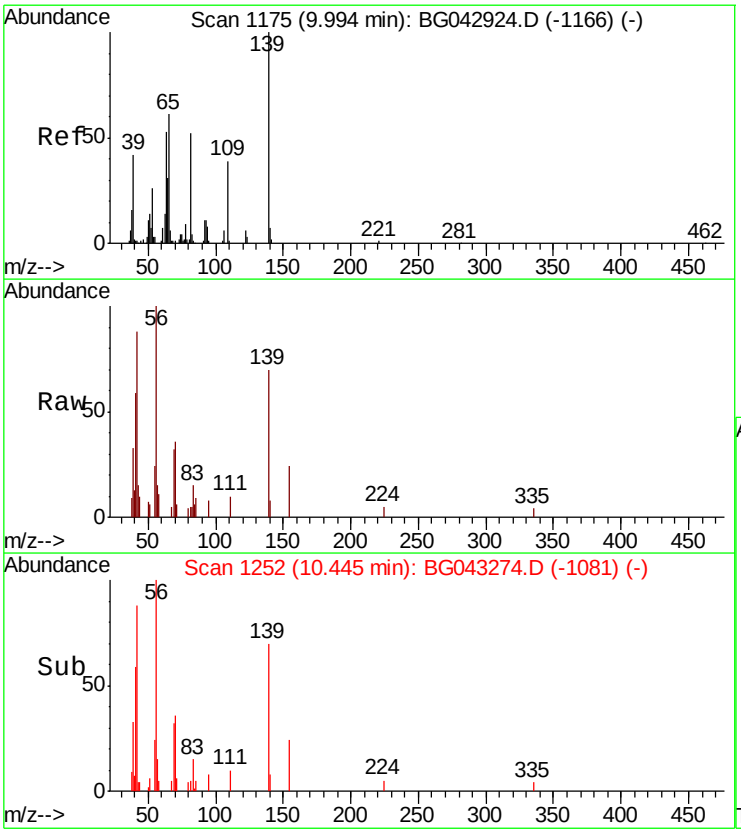
#23
Nitrobenzene-d5
Concen: 83.957 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BG043274.D
Acq: 17 Oct 2019 22:51

Instrument :
BNA_G
ClientSampleId :
20180657-AMENDED-COMP-D

Tgt Ion: 82 Resp: 339033

Ion	Ratio	Lower	Upper
82	100		
128	40.8	29.5	44.3
54	52.9	44.6	67.0

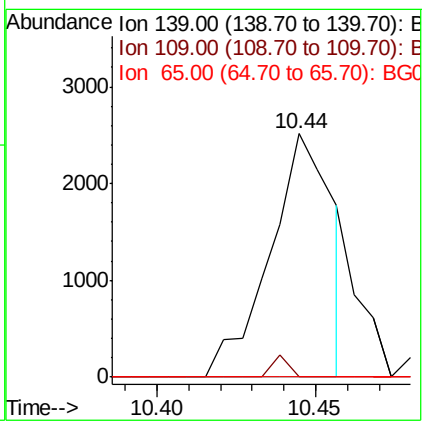


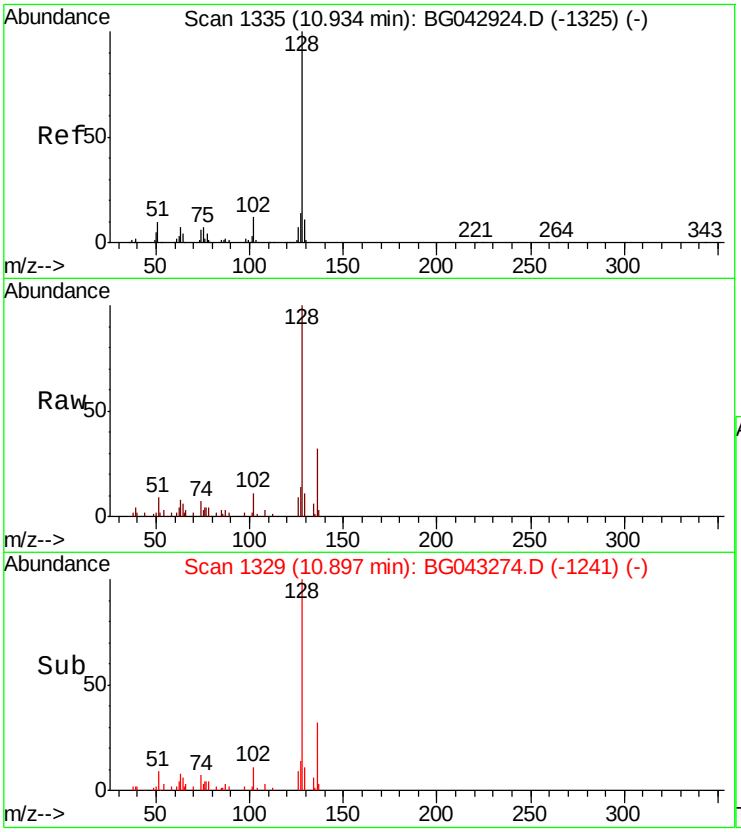


#26
2-Nitrophenol
Concen: 2.110 ng
RT: 10.44 min Scan# 1252
Delta R.T. 0.48 min
Lab File: BG043274.D
Acq: 17 Oct 2019 22:51

Tgt Ion:139 Resp: 3460

Ion	Ratio	Lower	Upper
139	100		
109	0.0	31.0	46.6#
65	0.0	48.4	72.6#



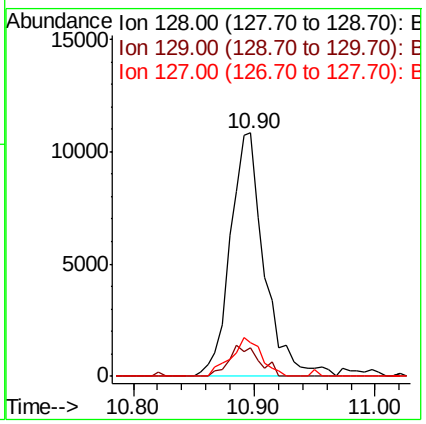


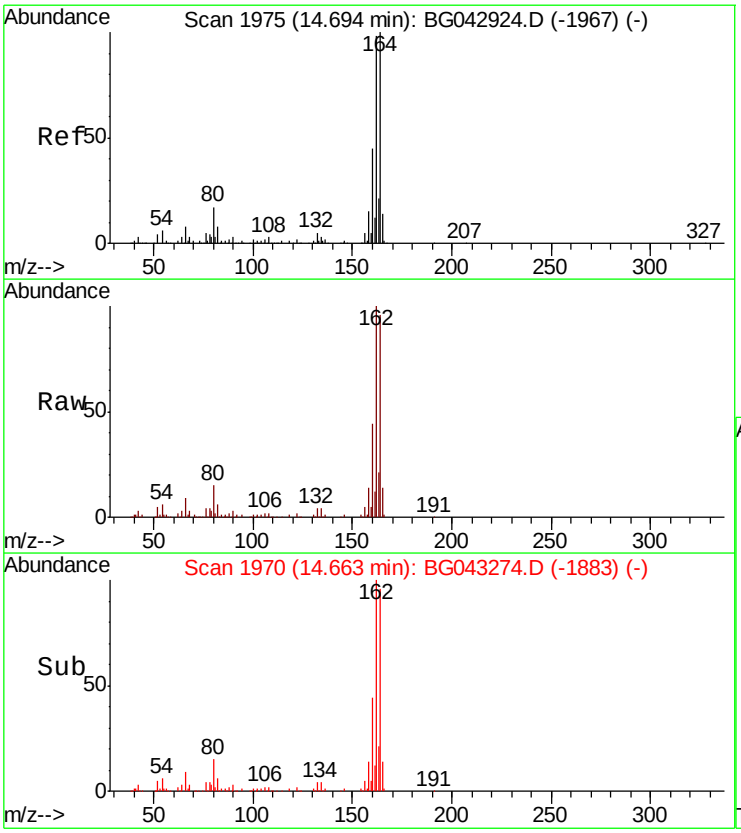
#31
Naphthalene
Concen: 2.194 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BG043274.D
Acq: 17 Oct 2019 22:51

Instrument :
BNA_G
ClientSampleId :
20180657-AMENDED-COMP-D

Tgt Ion:128 Resp: 21198

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	13.7	11.3	16.9

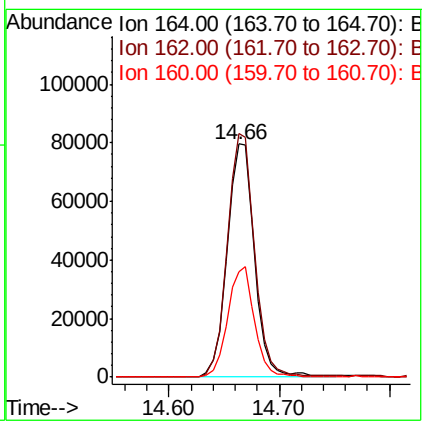


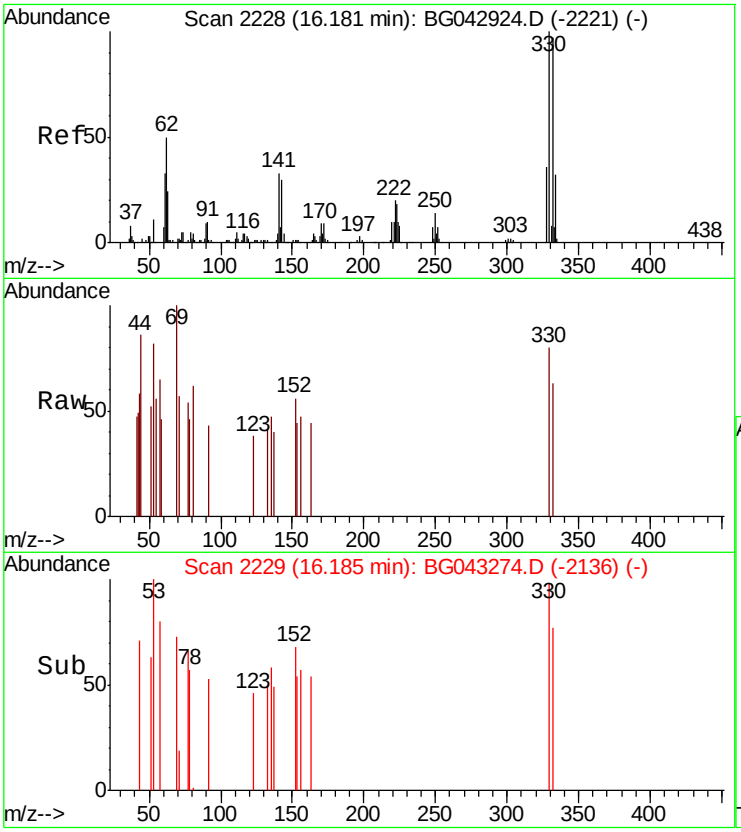


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.02 min
Lab File: BG043274.D
Acq: 17 Oct 2019 22:51

Tgt Ion:164 Resp: 138480

Ion	Ratio	Lower	Upper
164	100		
162	104.3	78.5	117.7
160	45.4	35.9	53.9



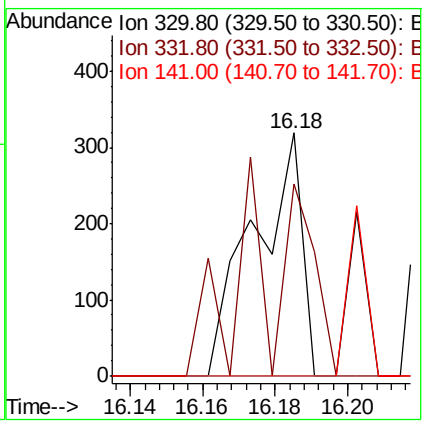


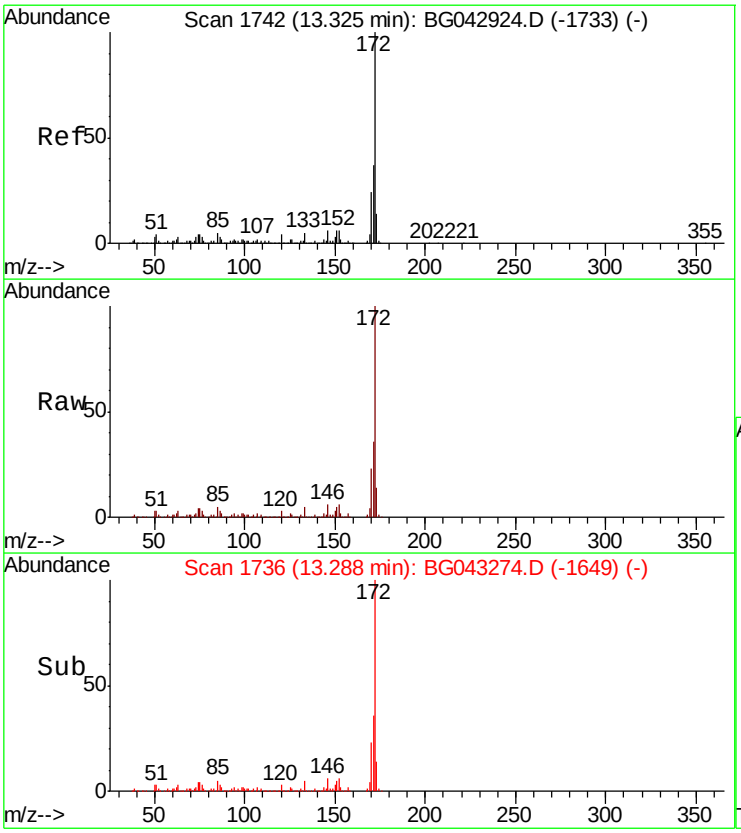
#42
2,4,6-Tribromophenol
Concen: 0.123 ng
RT: 16.18 min Scan# 2229
Delta R.T. 0.02 min
Lab File: BG043274.D
Acq: 17 Oct 2019 22:51

Instrument :
BNA_G
ClientSampleId :
20180657-AMENDED-COMP-D

Tgt Ion:330 Resp: 294

Ion	Ratio	Lower	Upper
330	100		
332	53.1	78.2	117.2#
141	0.0	26.0	39.0#

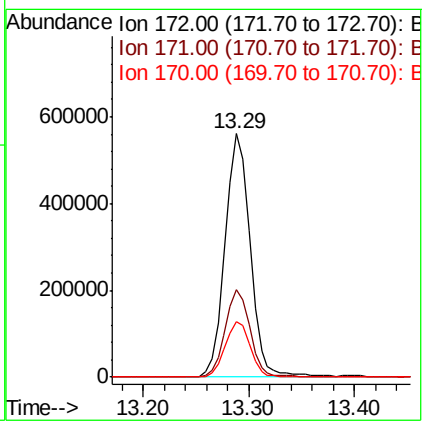


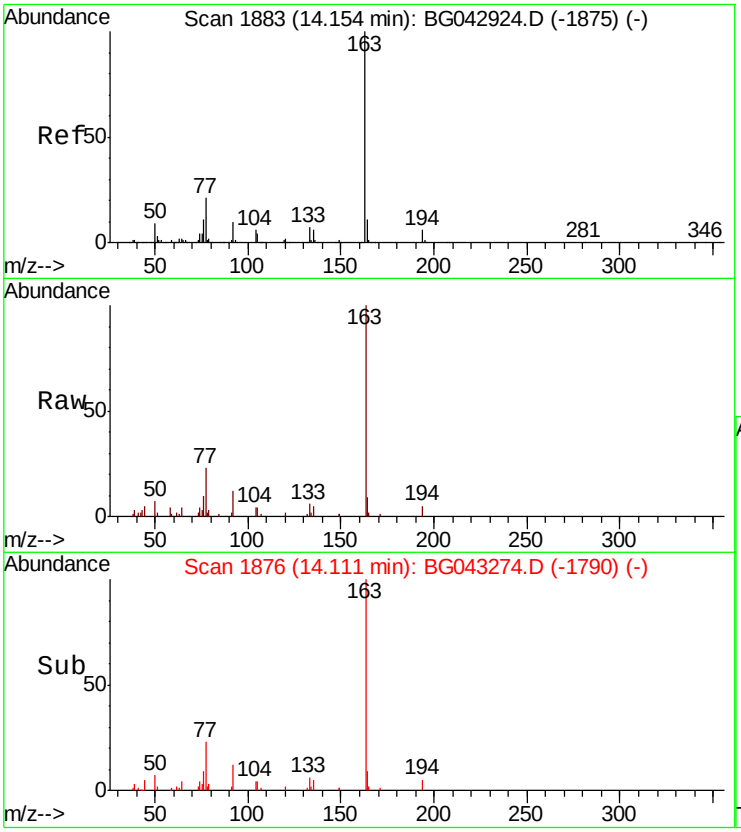


#45
2-Fluorobiphenyl
Concen: 96.649 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.02 min
Lab File: BG043274.D
Acq: 17 Oct 2019 22:51

Tgt Ion:172 Resp: 923222

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	22.8	19.6	29.4



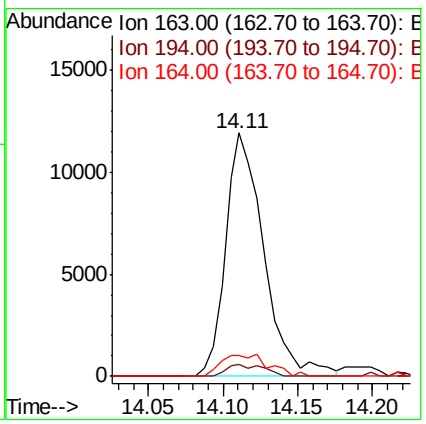


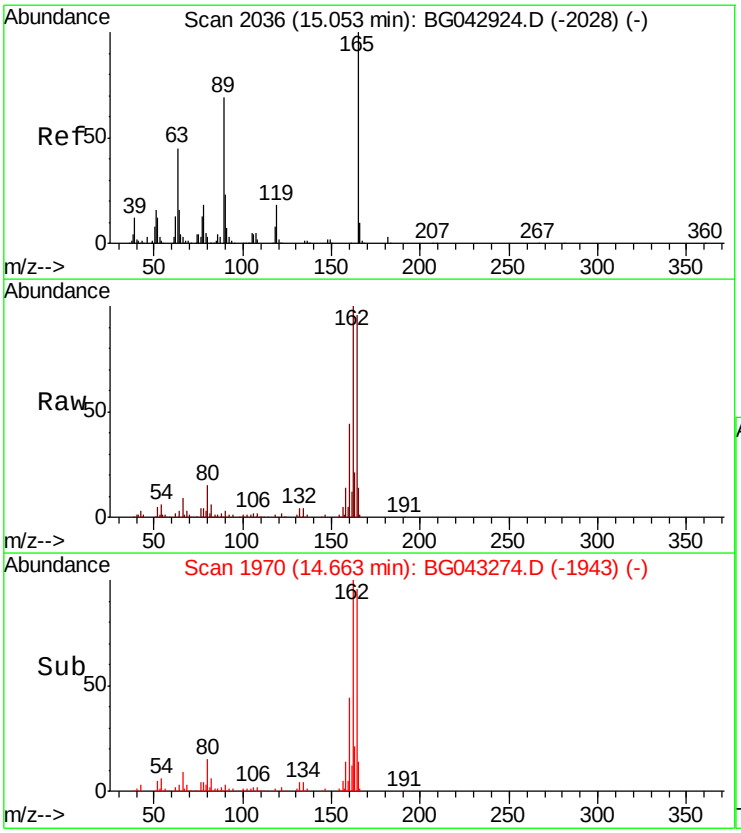
#50
Dimethylphthalate
Concen: 2.056 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.02 min
Lab File: BG043274.D
Acq: 17 Oct 2019 22:51

Instrument :
BNA_G
ClientSampleId :
20180657-AMENDED-COMP-D

Tgt Ion:163 Resp: 21328

Ion	Ratio	Lower	Upper
163	100		
194	4.8	4.4	6.6
164	8.6	8.6	12.8

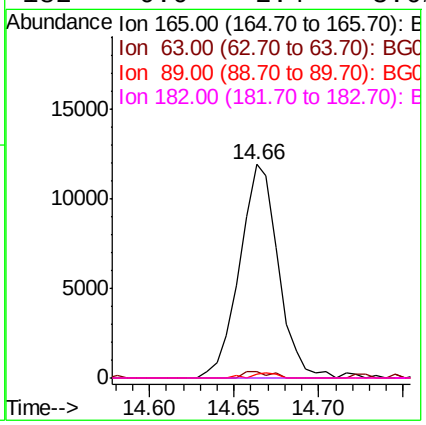


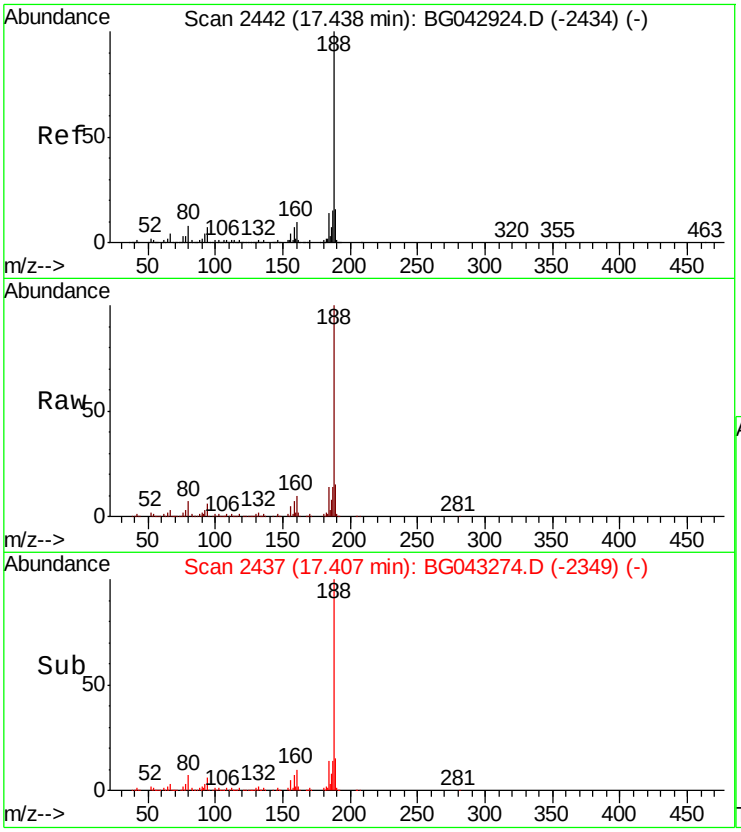


#57
2,4-Dinitrotoluene
Concen: 5.871 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.37 min
Lab File: BG043274.D
Acq: 17 Oct 2019 22:51

Tgt Ion:165 Resp: 18997

Ion	Ratio	Lower	Upper
165	100		
63	3.1	36.5	54.7#
89	2.0	55.5	83.3#
182	0.0	2.4	3.6#



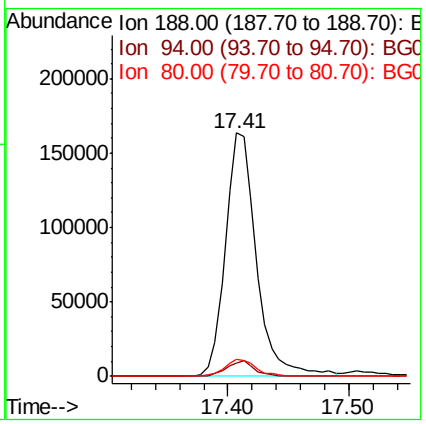


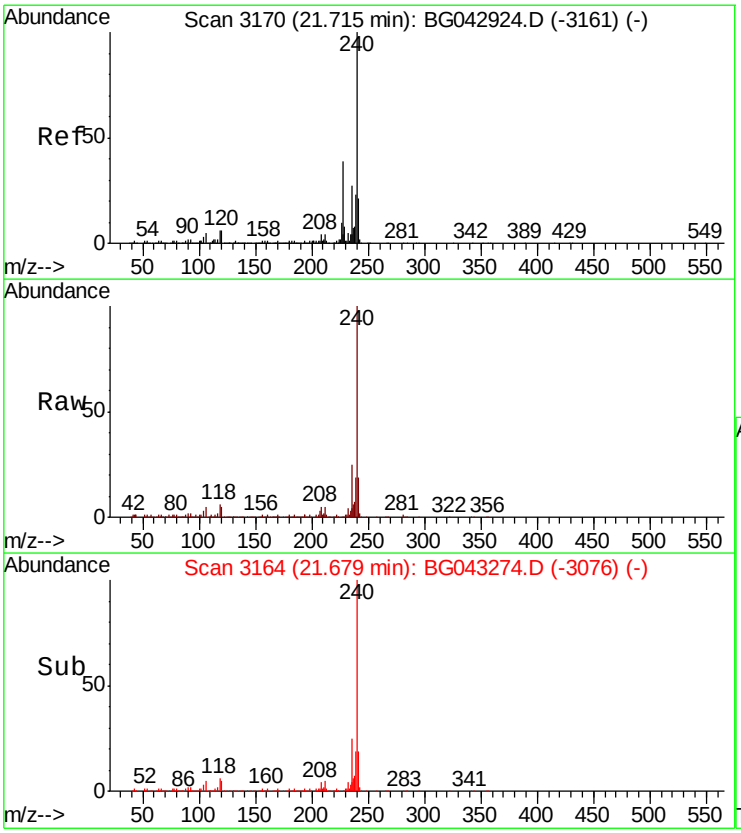
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG043274.D
Acq: 17 Oct 2019 22:51

Instrument :
BNA_G
ClientSampleId :
20180657-AMENDED-COMP-D

Tgt Ion:188 Resp: 291815

Ion	Ratio	Lower	Upper
188	100		
94	5.6	5.7	8.5#
80	7.0	6.5	9.7

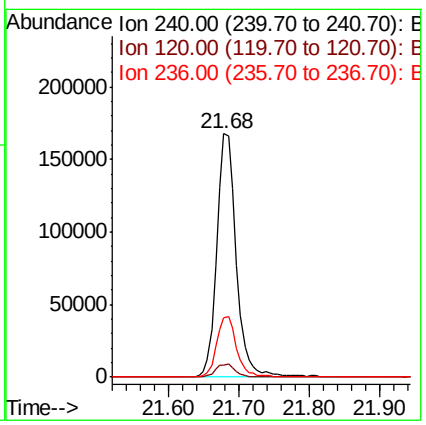


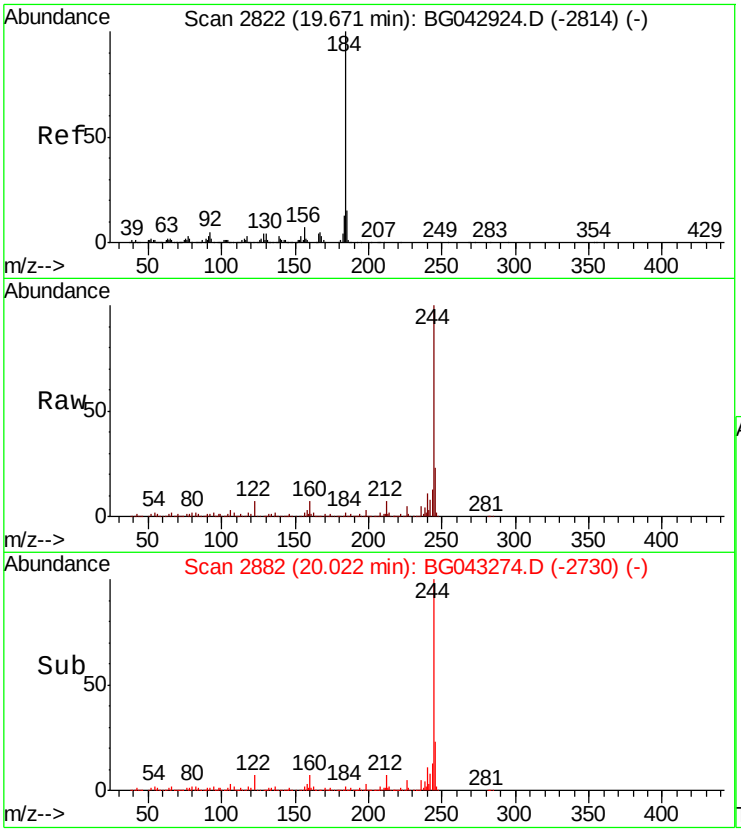


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.01 min
Lab File: BG043274.D
Acq: 17 Oct 2019 22:51

Tgt Ion:240 Resp: 321828

Ion	Ratio	Lower	Upper
240	100		
120	5.1	4.8	7.2
236	24.6	21.4	32.0



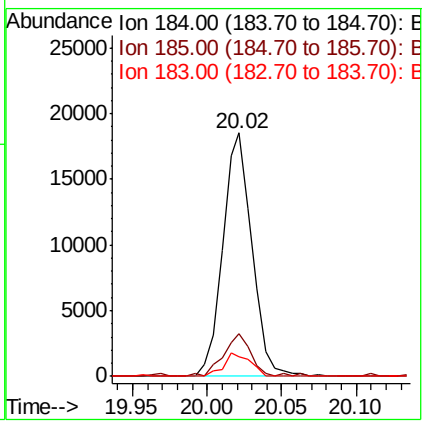


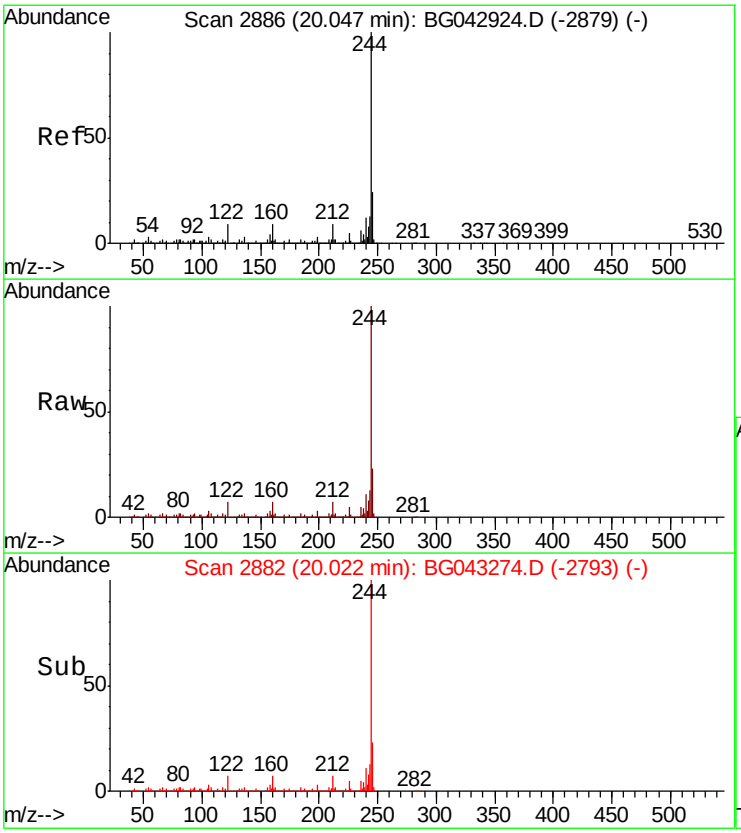
#77
Benzidine
Concen: 3.146 ng
RT: 20.02 min Scan# 2882
Delta R.T. 0.36 min
Lab File: BG043274.D
Acq: 17 Oct 2019 22:51

Instrument :
BNA_G
ClientSampleId :
20180657-AMENDED-COMP-D

Tgt Ion:184 Resp: 25352

Ion	Ratio	Lower	Upper
184	100		
185	17.6	11.8	17.8
183	8.0	10.1	15.1#

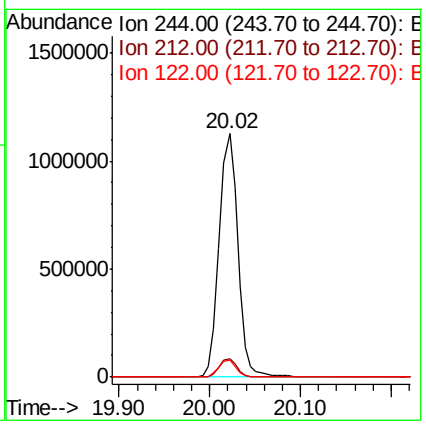


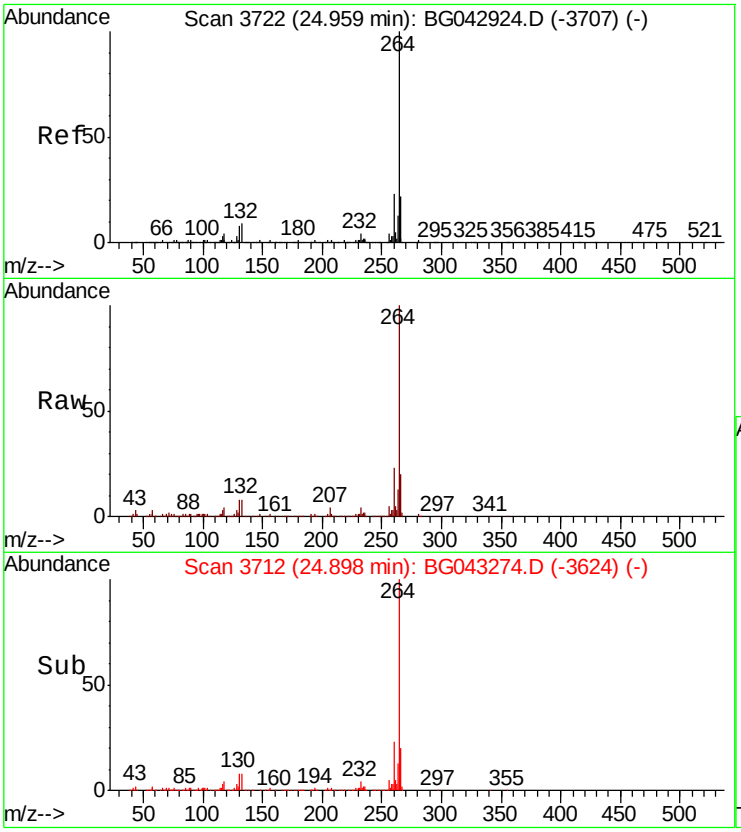


#79
Terphenyl-d14
Concen: 107.128 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.01 min
Lab File: BG043274.D
Acq: 17 Oct 2019 22:51

Tgt Ion:244 Resp: 1617958

Ion	Ratio	Lower	Upper
244	100		
212	7.5	7.4	11.0
122	7.0	7.0	10.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG043274.D
Acq: 17 Oct 2019 22:51

Instrument :
BNA_G
ClientSampleId :
20180657-AMENDED-COMP-D

Tgt Ion:264 Resp: 373657

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	19.7	17.7	26.5