Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012320\

Quantitation Report (Not Reviewed)

Data File : BG044174.D
Acq On : 23 Jan 2020 19:34
Operator : JU
Sample : L1218-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-8

Quant Time: Jan 24 05:36:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	78251	20.00	ng		-0.04
21) Naphthalene-d8	10.73	136	350842	20.00	ng		-0.04
39) Acenaphthene-d10	14.57	164	248378	20.00	ng		-0.03
64) Phenanthrene-d10	17.31	188	507419	20.00	ng		-0.03
76) Chrysene-d12	21.55	240	438870	20.00	ng		-0.04
87) Perylene-d12	24.66	264	486385	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	390343	91.59	ng		-0.03
7) Phenol-d6	7.10	99	428592	71.95	ng		-0.03
23) Nitrobenzene-d5	9.08	82	580610	88.53	ng		-0.04
42) 2,4,6-Tribromophenol	16.05	330	272012	104.65	ng		-0.03
45) 2-Fluorobiphenyl	13.19	172	1396349	101.86	ng		-0.03
79) Terphenyl-d14	19.92	244	1991781	121.78	ng		-0.03
Target Compounds							Qvalue
10) Phenol	7.12	94	32428	5.283	ng		94
19) n-Nitroso-di-n-propylamine	9.08	70	76393	17.220	ng	#	80
50) Dimethylphthalate	14.01	163	112302	6.368	ng		97
57) 2,4-Dinitrotoluene	14.56	165	31600	5.826	ng	#	26
65) 4,6-Dinitro-2-methylphenol	16.05	198	891	4.699	ng	#	1
67) 4-Bromophenyl-phenylether	16.05	248	19997	3.504	ng	#	1
77) Benzidine	19.92	184	36435	3.303	ng	#	91

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

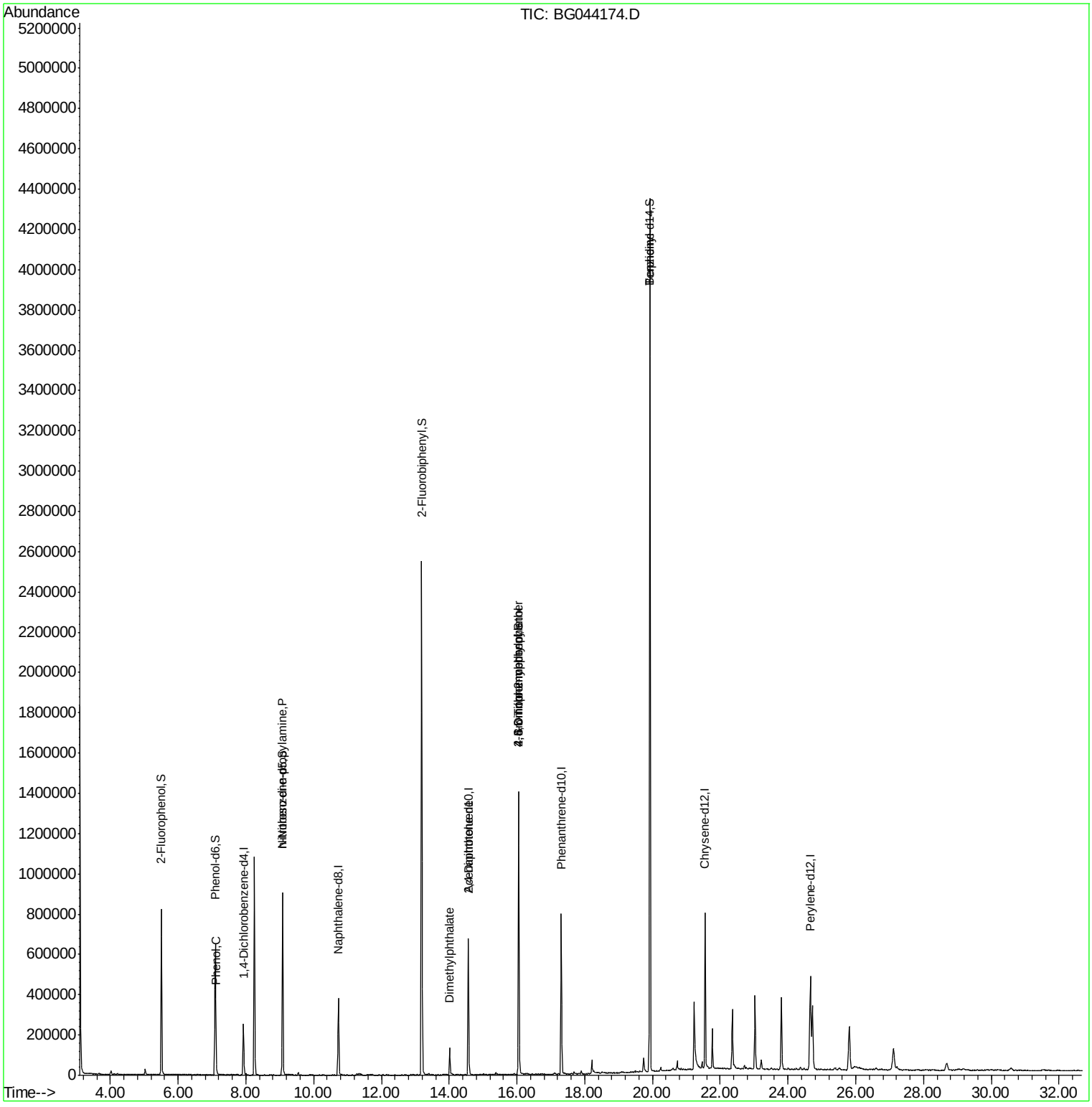
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012320\

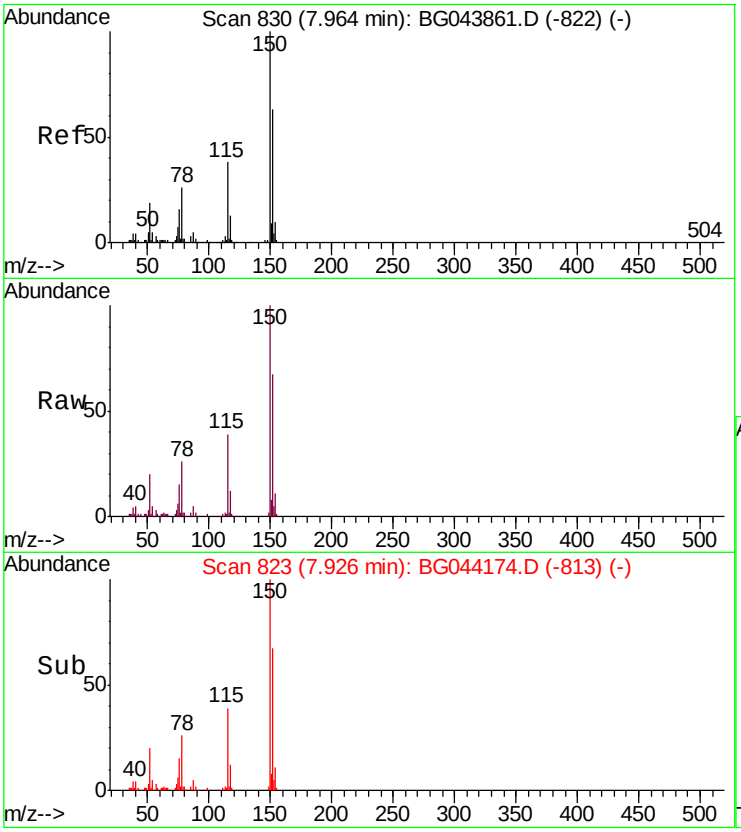
Quantitation Report (Not Reviewed)

Data File : BG044174.D
Acq On : 23 Jan 2020 19:34
Operator : JU
Sample : L1218-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-8

Quant Time: Jan 24 05:36:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration



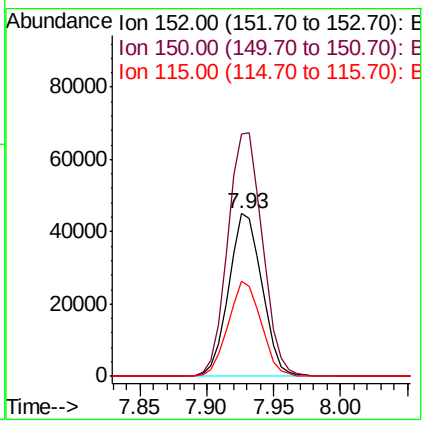


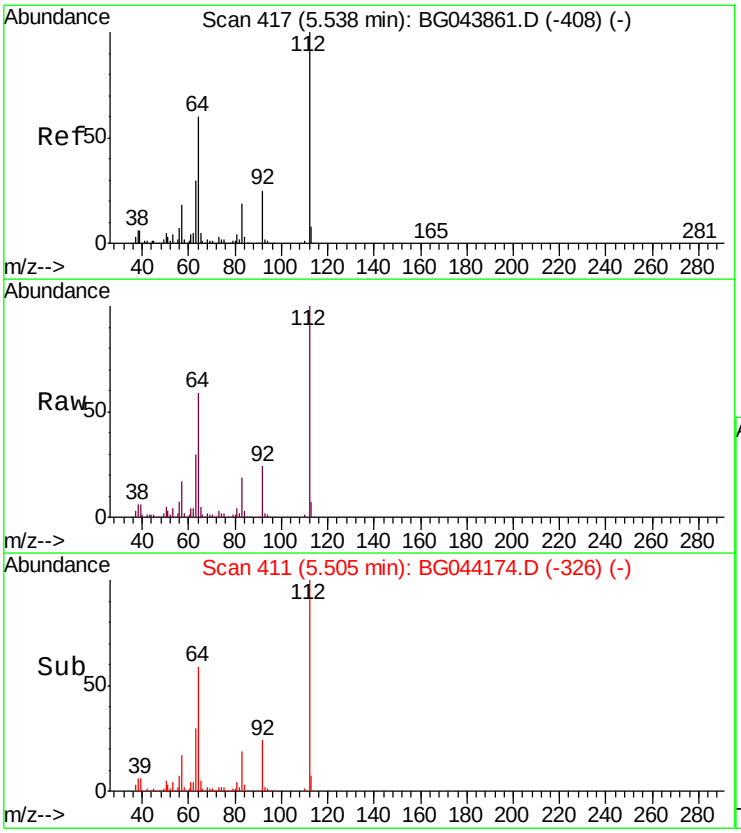
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 823
Delta R.T. -0.04 min
Lab File: BG044174.D
Acq: 23 Jan 2020 19:34

Instrument :
BNA_G
ClientSampleId :
MW-8

Tgt Ion:152 Resp: 78251

Ion	Ratio	Lower	Upper
152	100		
150	148.9	127.0	190.4
115	58.8	47.8	71.8

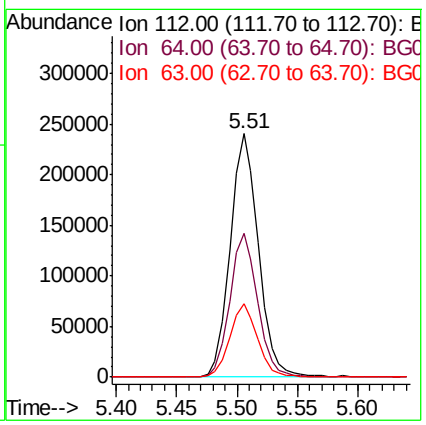


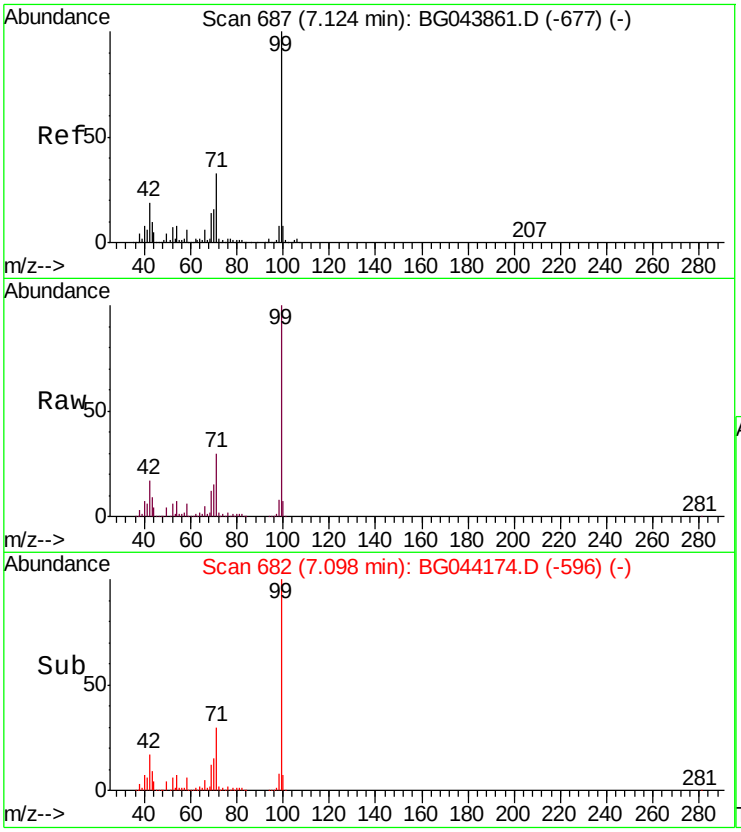


#5
2-Fluorophenol
Concen: 91.592 ng
RT: 5.51 min Scan# 411
Delta R.T. -0.03 min
Lab File: BG044174.D
Acq: 23 Jan 2020 19:34

Tgt Ion:112 Resp: 390343

Ion	Ratio	Lower	Upper
112	100		
64	58.9	47.8	71.6
63	30.1	24.3	36.5



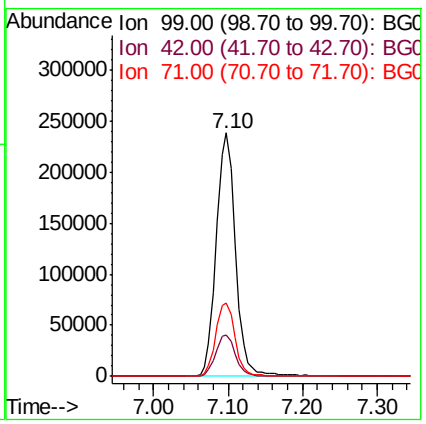


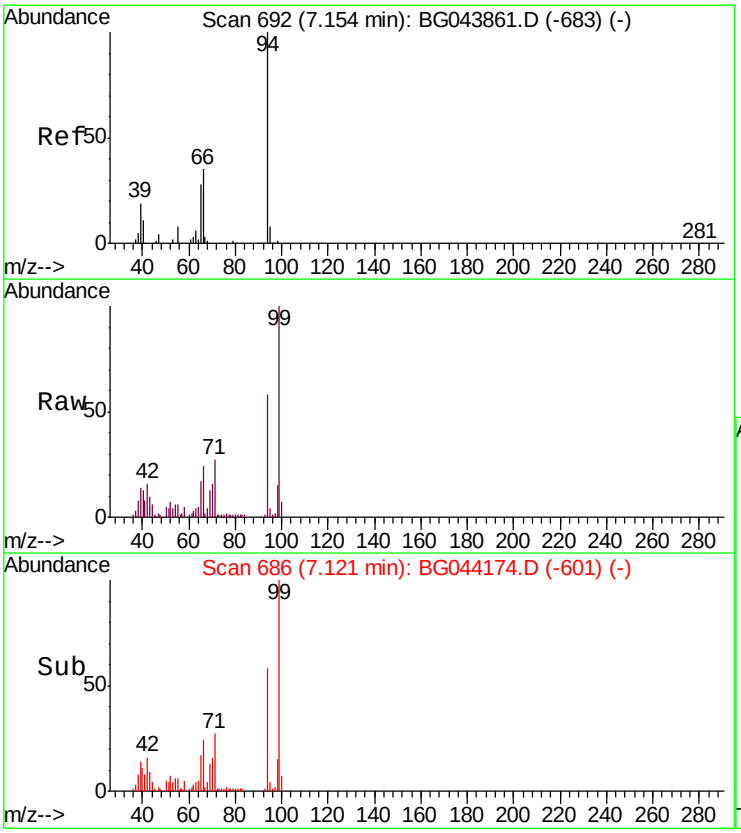
#7
Phenol-d6
Concen: 71.946 ng
RT: 7.10 min Scan# 682
Delta R.T. -0.03 min
Lab File: BG044174.D
Acq: 23 Jan 2020 19:34

Instrument :
BNA_G
ClientSampleId :
MW-8

Tgt Ion: 99 Resp: 428592

Ion	Ratio	Lower	Upper
99	100		
42	17.3	14.9	22.3
71	30.2	26.4	39.6

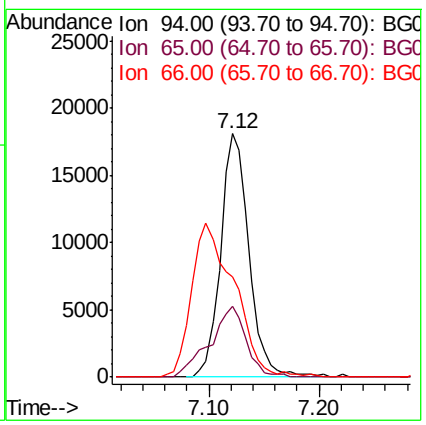


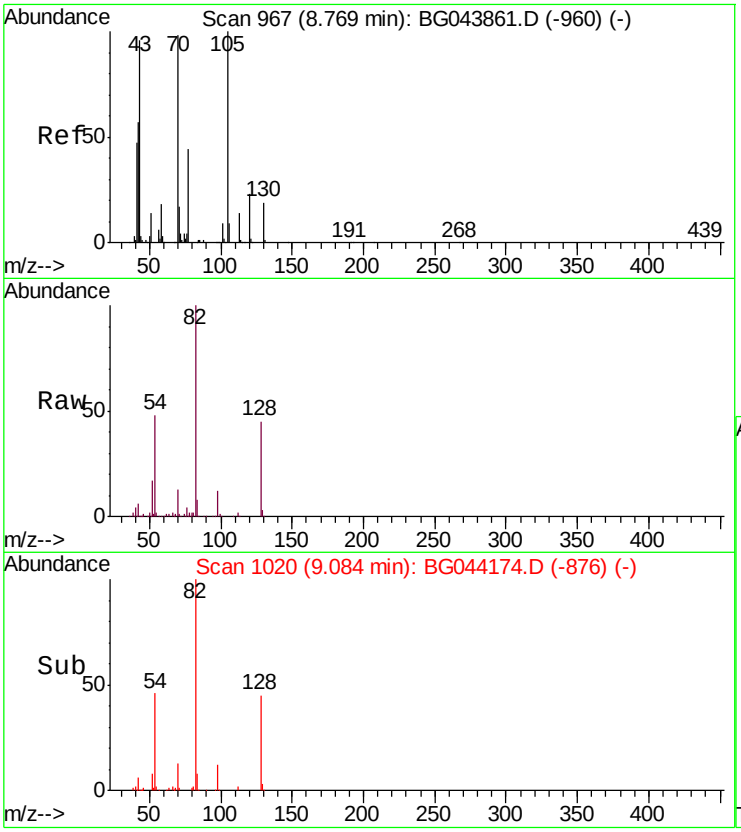


#10
Phenol
Concen: 5.283 ng
RT: 7.12 min Scan# 686
Delta R.T. -0.03 min
Lab File: BG044174.D
Acq: 23 Jan 2020 19:34

Tgt Ion: 94 Resp: 32428

Ion	Ratio	Lower	Upper
94	100		
65	28.9	8.1	48.1
66	41.1	15.6	55.6



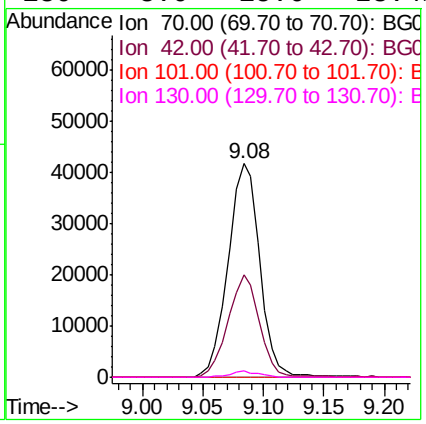


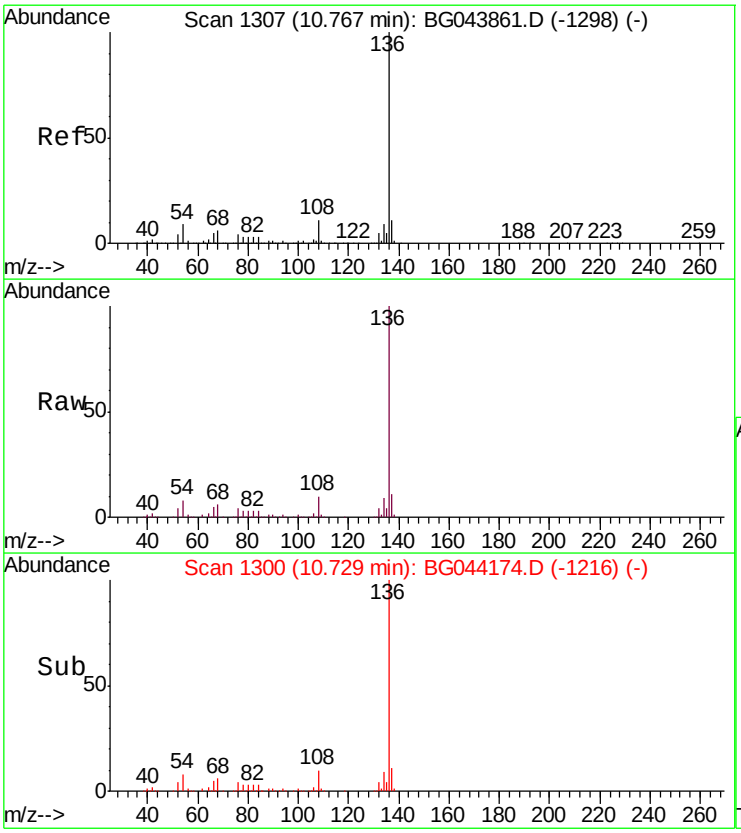
#19
n-Nitroso-di-n-propylamine
Concen: 17.220 ng
RT: 9.08 min Scan# 1020
Delta R.T. 0.31 min
Lab File: BG044174.D
Acq: 23 Jan 2020 19:34

Instrument :
BNA_G
ClientSampleId :
MW-8

Tgt Ion: 70 Resp: 76393

Ion	Ratio	Lower	Upper
70	100		
42	47.8	47.0	70.4
101	0.0	7.2	10.8#
130	3.0	15.6	23.4#

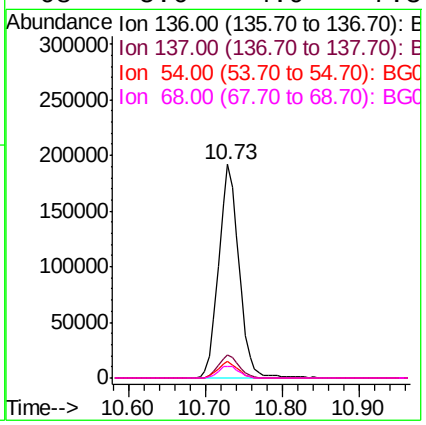


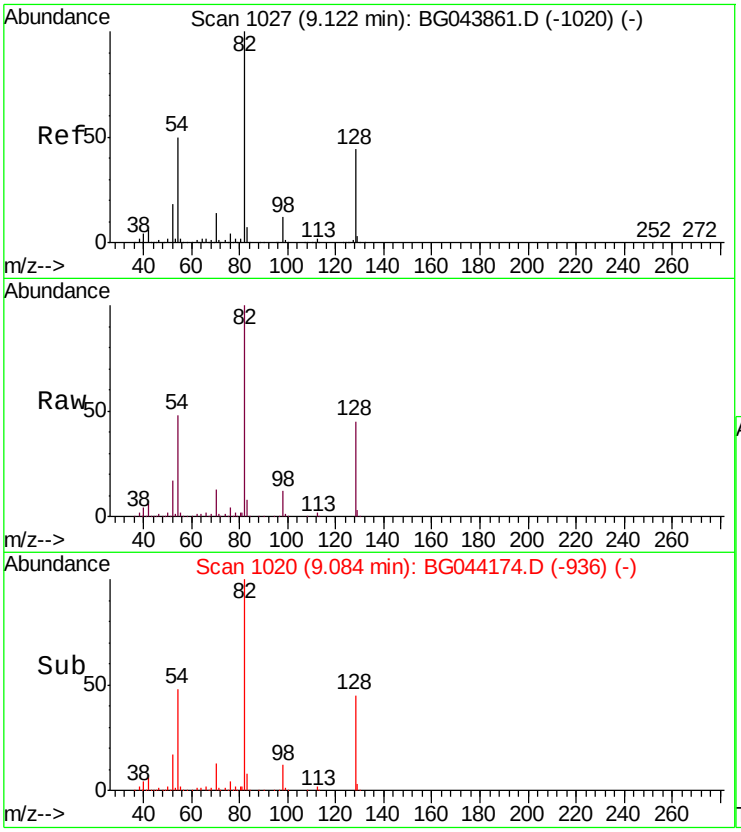


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.04 min
Lab File: BG044174.D
Acq: 23 Jan 2020 19:34

Tgt Ion:136 Resp: 350842

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.8	7.0	10.4
68	5.6	4.9	7.3



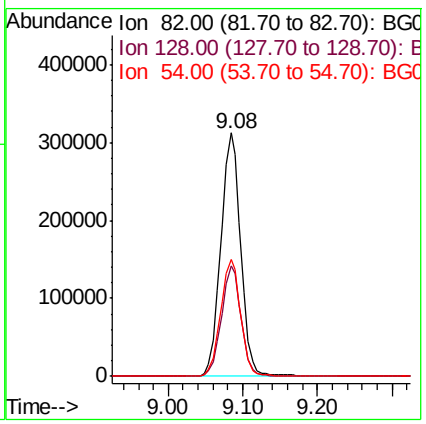


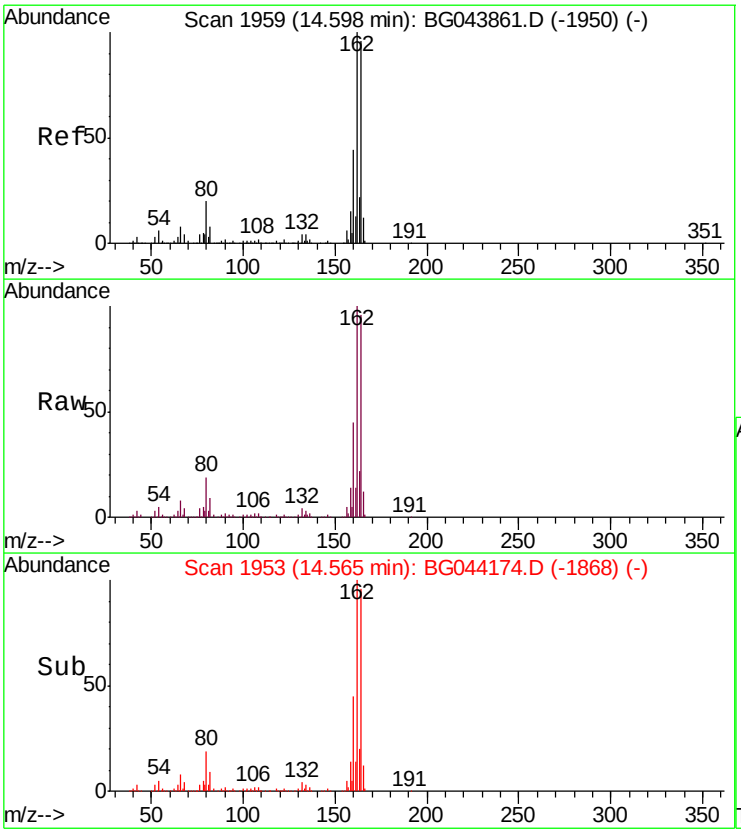
#23
Nitrobenzene-d5
Concen: 88.531 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.04 min
Lab File: BG044174.D
Acq: 23 Jan 2020 19:34

Instrument :
BNA_G
ClientSampleId :
MW-8

Tgt Ion: 82 Resp: 580610

Ion	Ratio	Lower	Upper
82	100		
128	45.5	35.1	52.7
54	48.1	40.1	60.1

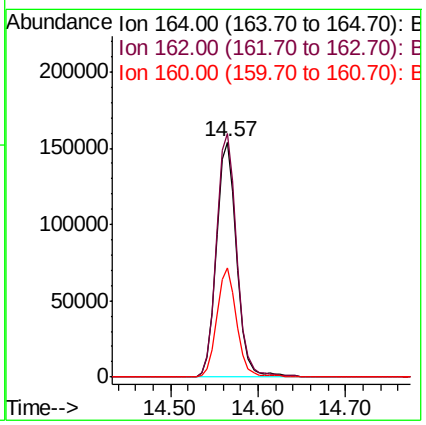


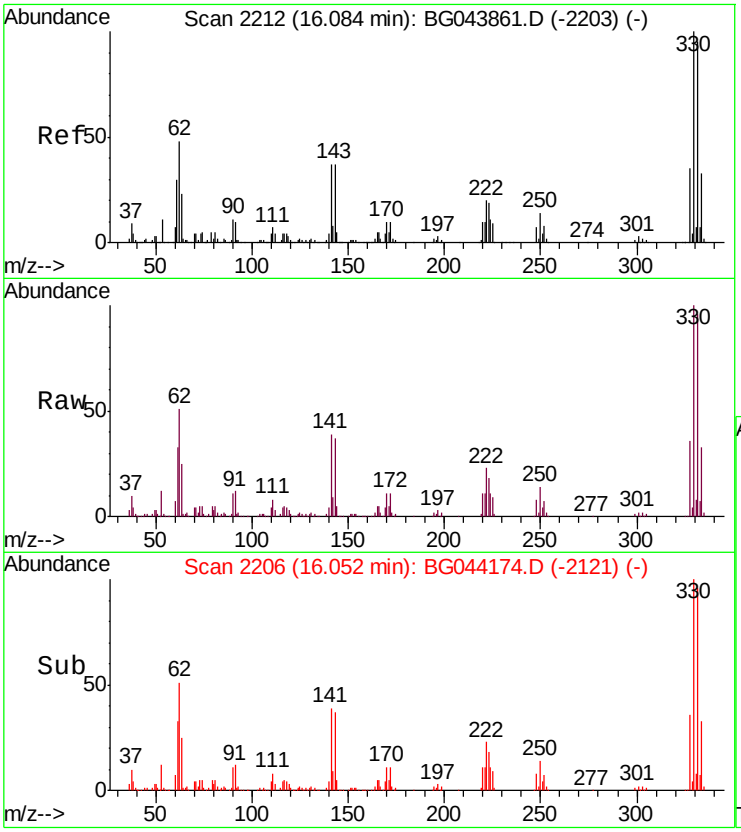


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1953
Delta R.T. -0.03 min
Lab File: BG044174.D
Acq: 23 Jan 2020 19:34

Tgt Ion:164 Resp: 248378

Ion	Ratio	Lower	Upper
164	100		
162	103.7	83.0	124.4
160	46.3	36.1	54.1



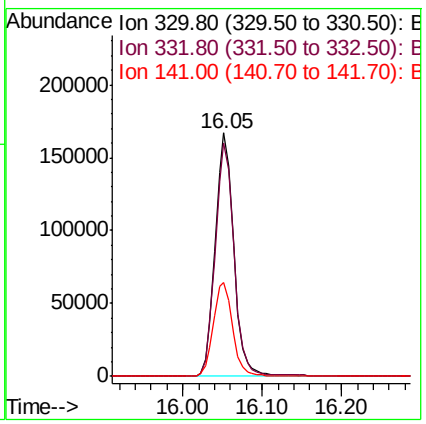


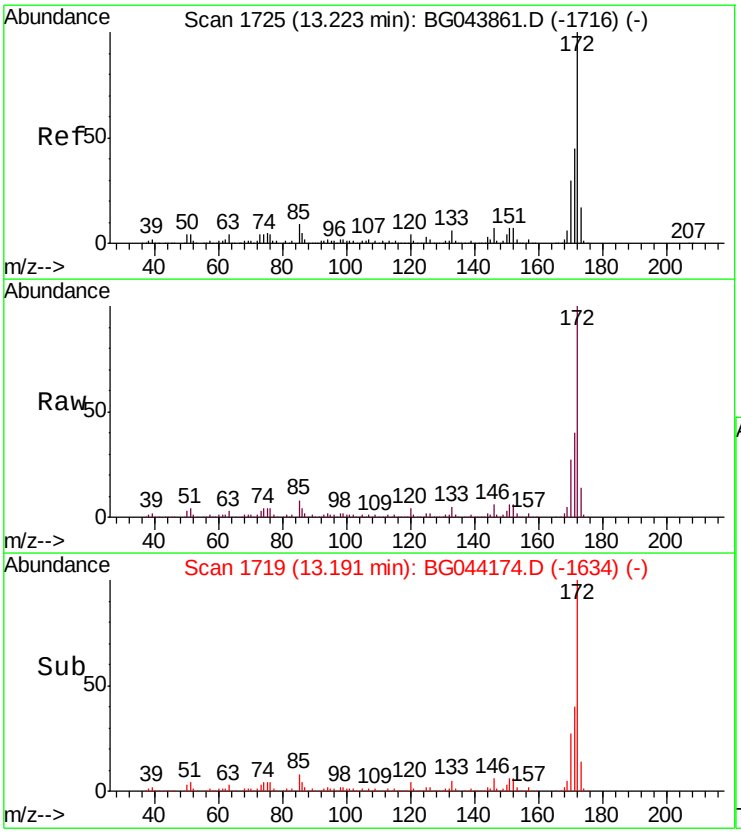
#42
2,4,6-Tribromophenol
Concen: 104.651 ng
RT: 16.05 min Scan# 2206
Delta R.T. -0.03 min
Lab File: BG044174.D
Acq: 23 Jan 2020 19:34

Instrument :
BNA_G
ClientSampleId :
MW-8

Tgt Ion:330 Resp: 272012

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.2	115.8
141	40.0	33.1	49.7

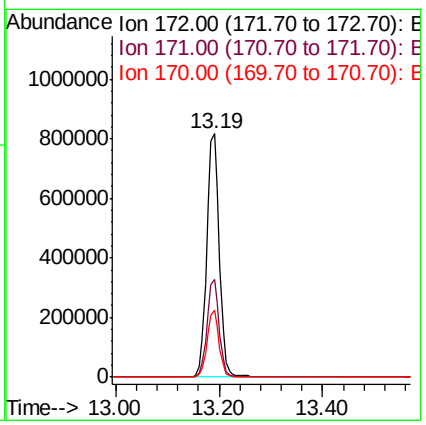


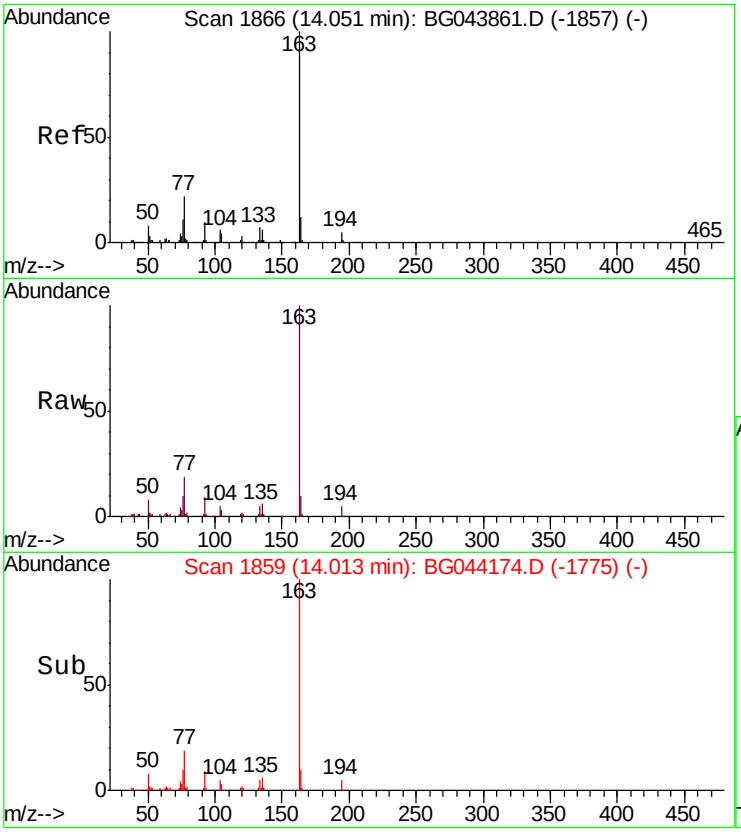


#45
2-Fluorobiphenyl
Concen: 101.855 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.03 min
Lab File: BG044174.D
Acq: 23 Jan 2020 19:34

Tgt Ion:172 Resp: 1396349

Ion	Ratio	Lower	Upper
172	100		
171	40.3	35.8	53.8
170	27.4	24.2	36.4



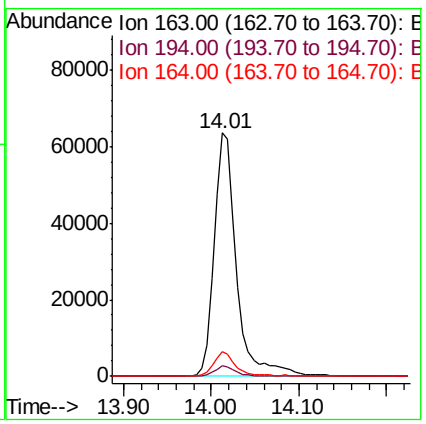


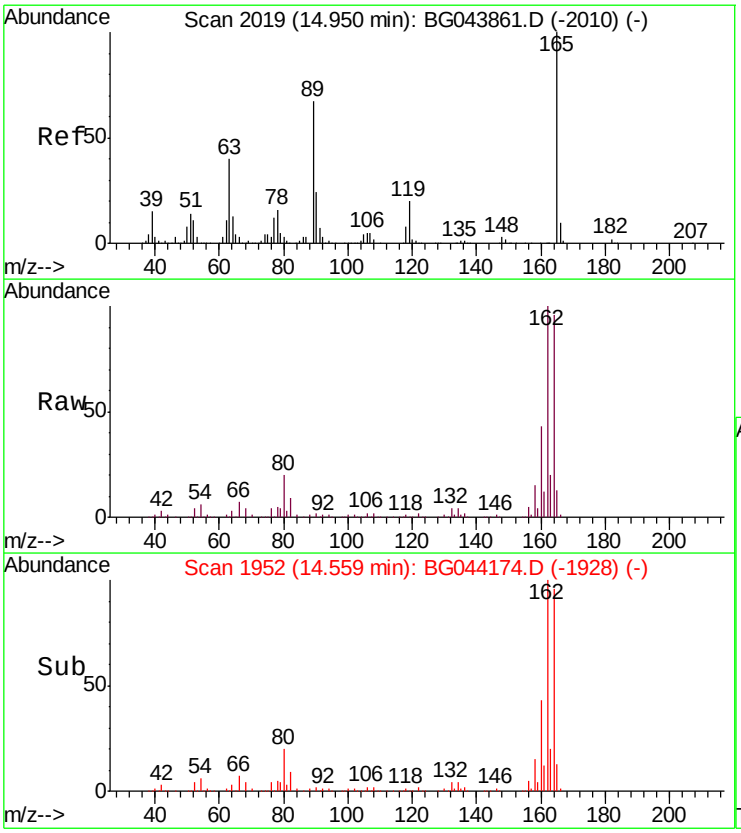
#50
Dimethylphthalate
Concen: 6.368 ng
RT: 14.01 min Scan# 1859
Delta R.T. -0.04 min
Lab File: BG044174.D
Acq: 23 Jan 2020 19:34

Instrument :
BNA_G
ClientSampleId :
MW-8

Tgt Ion:163 Resp: 112302

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.7	5.5
164	10.1	9.3	13.9

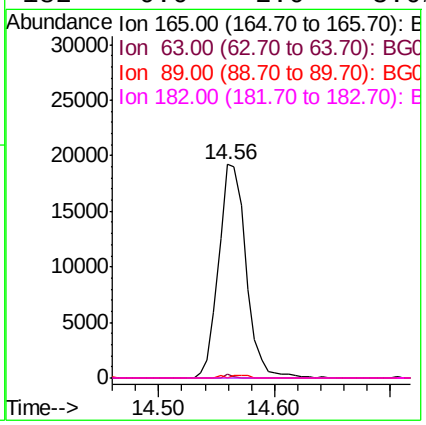


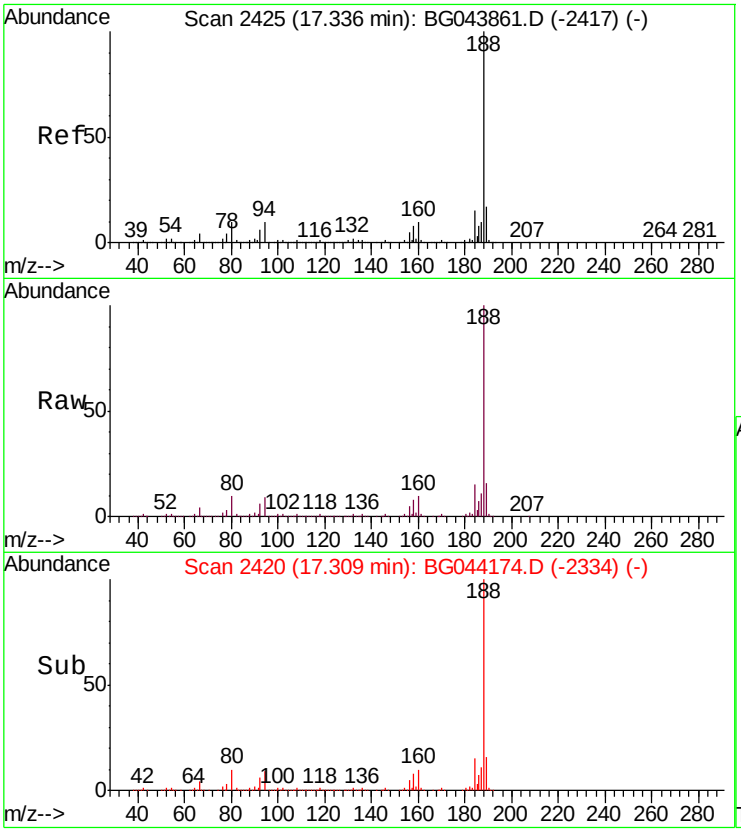


#57
2,4-Dinitrotoluene
Concen: 5.826 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.39 min
Lab File: BG044174.D
Acq: 23 Jan 2020 19:34

Tgt Ion:165 Resp: 31600

Ion	Ratio	Lower	Upper
165	100		
63	1.6	31.9	47.9#
89	0.0	53.8	80.6#
182	0.0	2.0	3.0#



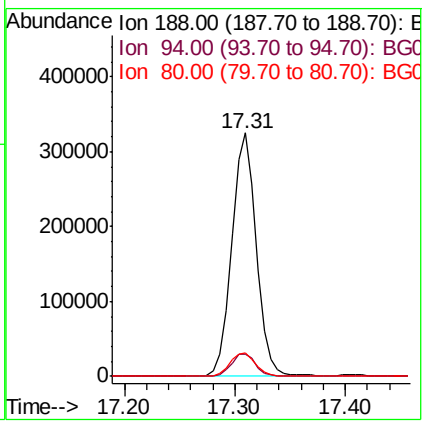


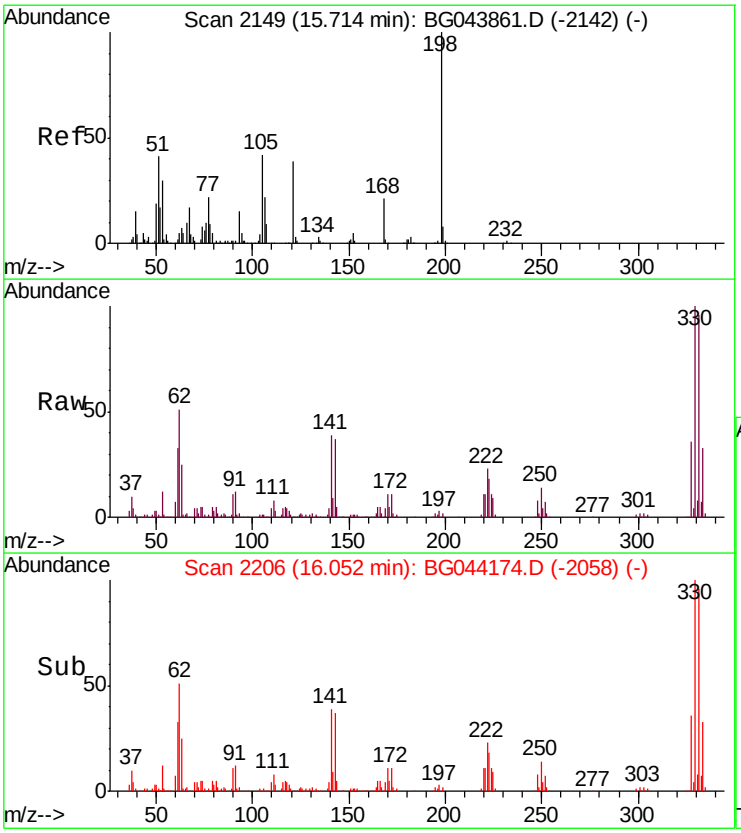
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. -0.03 min
Lab File: BG044174.D
Acq: 23 Jan 2020 19:34

Instrument :
BNA_G
ClientSampleId :
MW-8

Tgt Ion:188 Resp: 507419

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.9	11.9
80	9.6	8.2	12.4

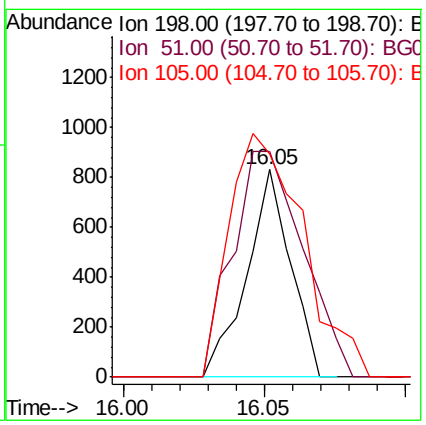


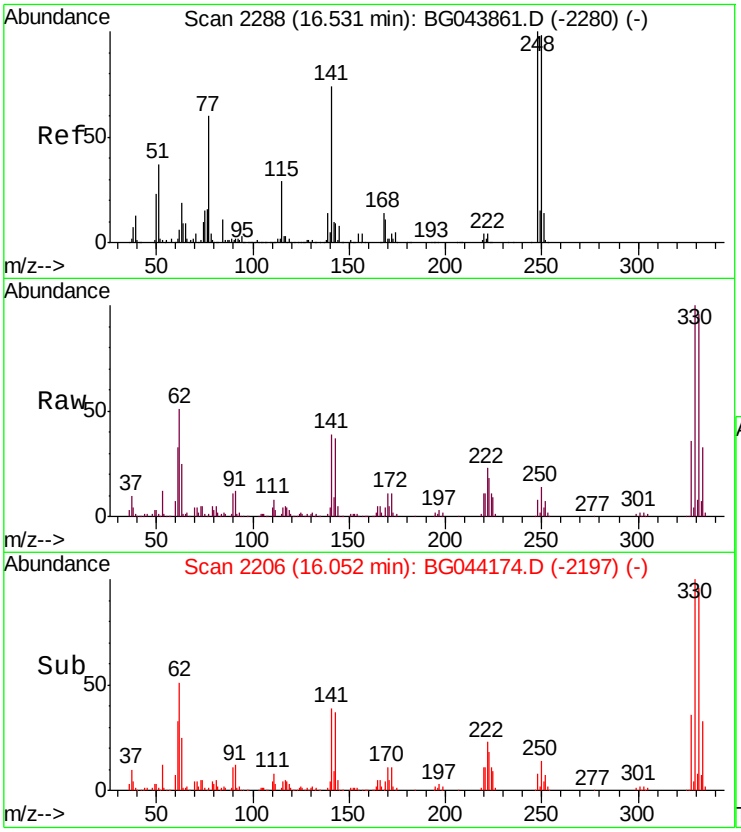


#65
4,6-Dinitro-2-methylphenol
Concen: 4.699 ng
RT: 16.05 min Scan# 2206
Delta R.T. 0.34 min
Lab File: BG044174.D
Acq: 23 Jan 2020 19:34

Tgt Ion:198 Resp: 891

Ion	Ratio	Lower	Upper
198	100		
51	109.0	22.5	62.5#
105	107.3	22.3	62.3#



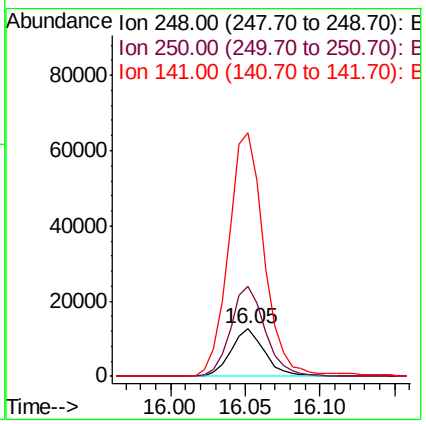


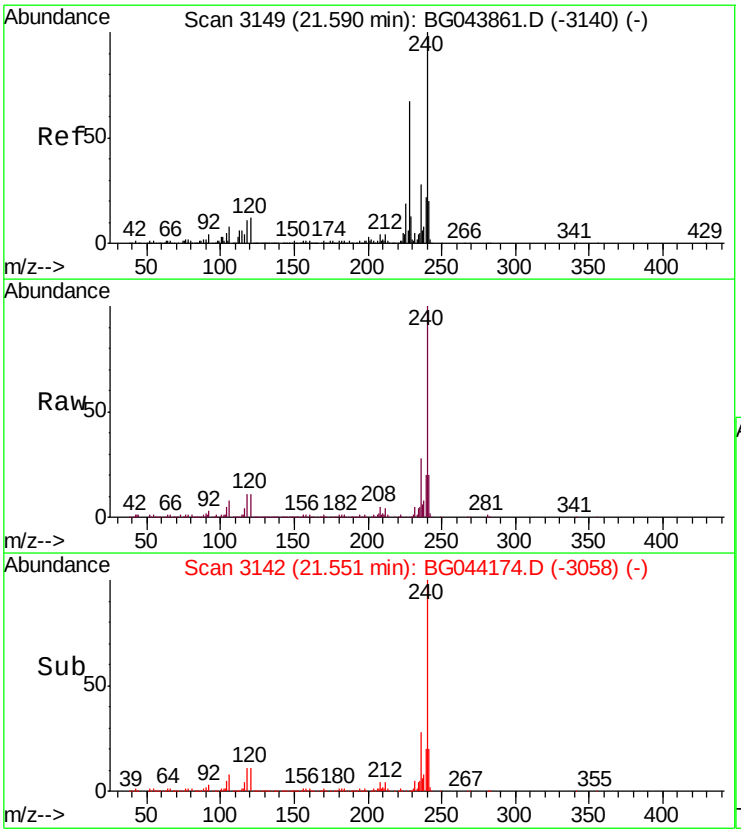
#67
4-Bromophenyl-phenylether
Concen: 3.504 ng
RT: 16.05 min Scan# 2206
Delta R.T. -0.48 min
Lab File: BG044174.D
Acq: 23 Jan 2020 19:34

Instrument :
BNA_G
ClientSampleId :
MW-8

Tgt Ion:248 Resp: 19997

Ion	Ratio	Lower	Upper
248	100		
250	188.2	78.2	117.2#
141	512.6	59.3	88.9#

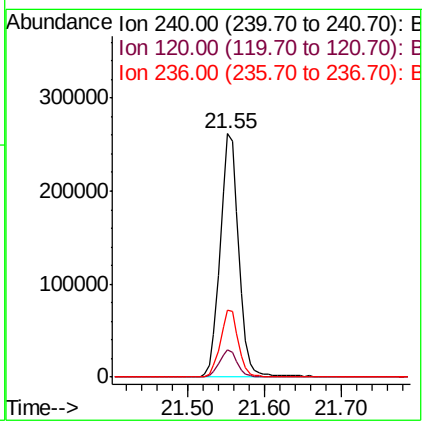


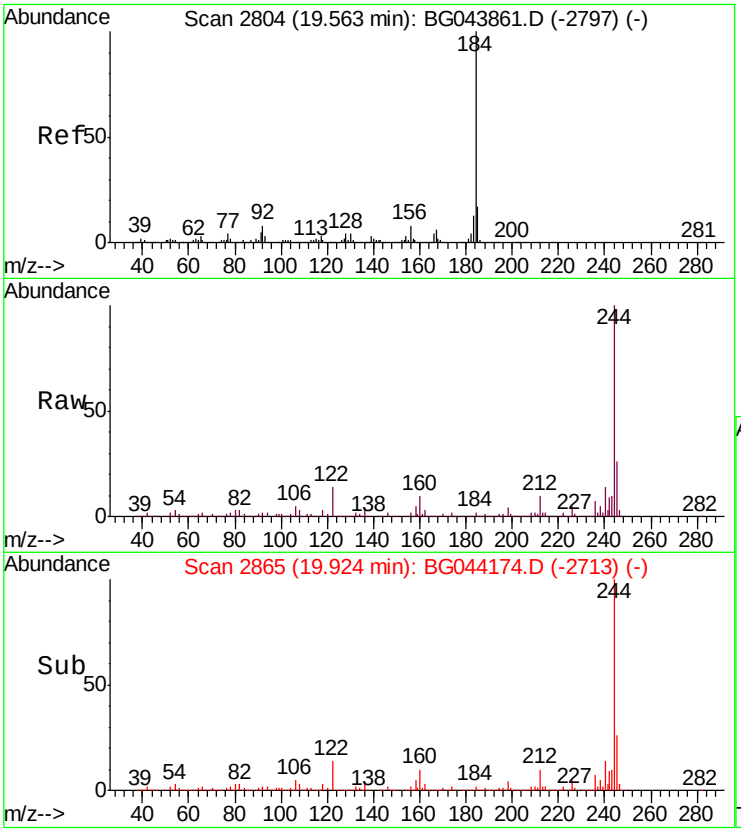


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.04 min
Lab File: BG044174.D
Acq: 23 Jan 2020 19:34

Tgt Ion:240 Resp: 438870

Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.6	14.4
236	27.7	22.2	33.2



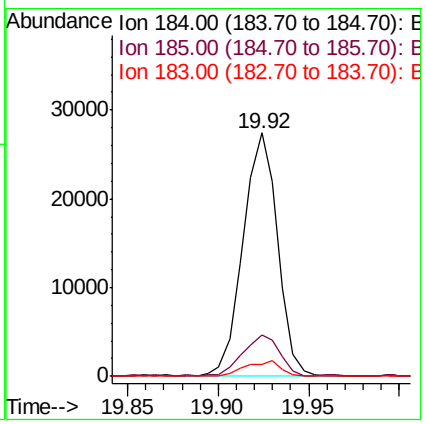


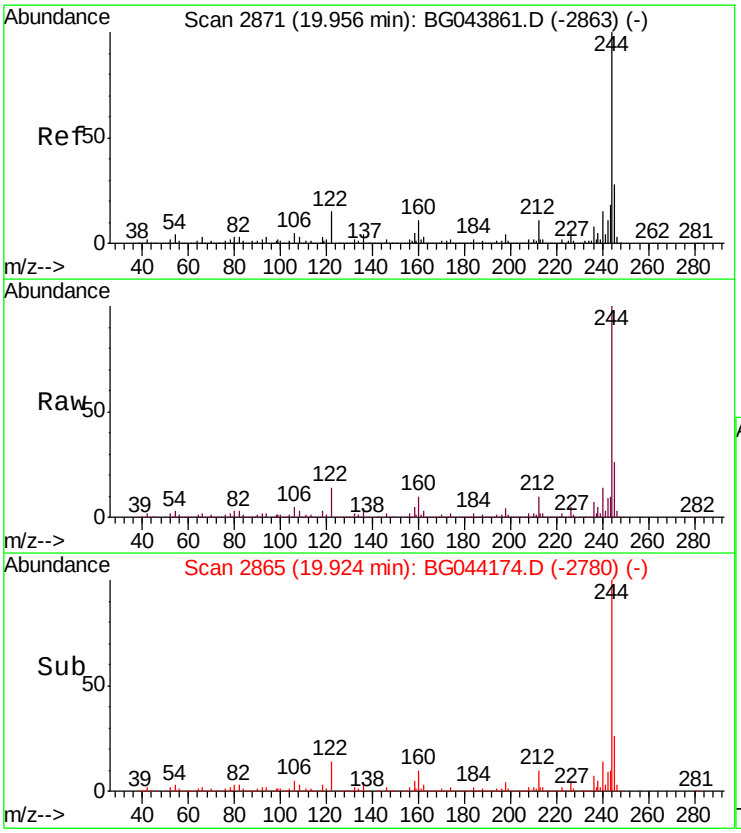
#77
Benzidine
Concen: 3.303 ng
RT: 19.92 min Scan# 2865
Delta R.T. 0.36 min
Lab File: BG044174.D
Acq: 23 Jan 2020 19:34

Instrument :
BNA_G
ClientSampleId :
MW-8

Tgt Ion:184 Resp: 36435

Ion	Ratio	Lower	Upper
184	100		
185	17.1	13.4	20.0
183	5.1	10.6	15.8#

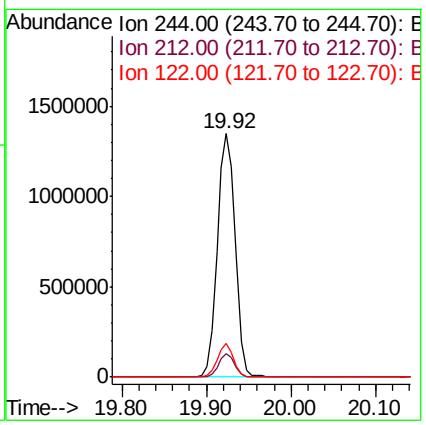


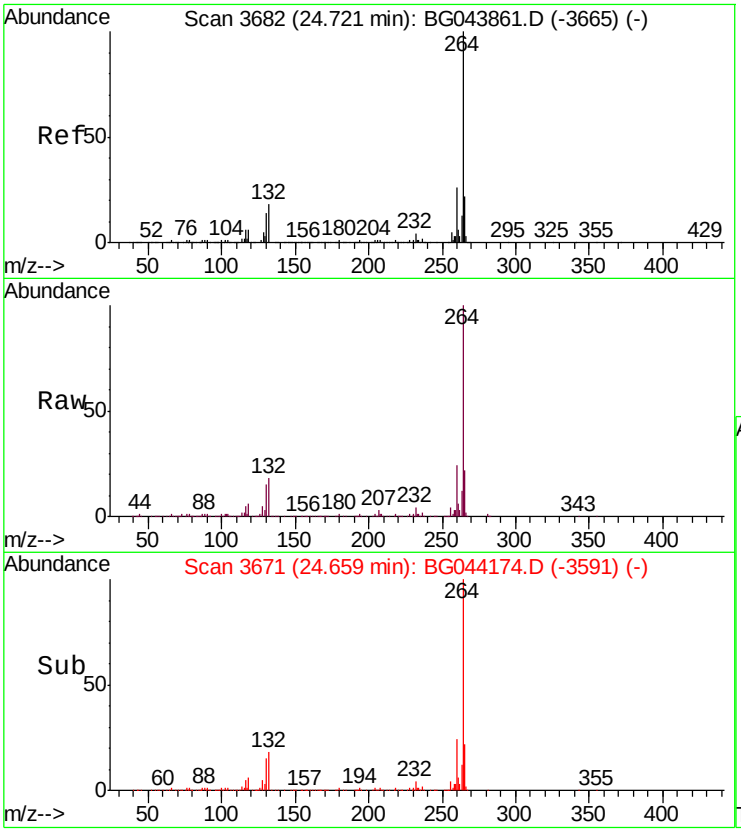


#79
Terphenyl-d14
Concen: 121.781 ng
RT: 19.92 min Scan# 2865
Delta R.T. -0.03 min
Lab File: BG044174.D
Acq: 23 Jan 2020 19:34

Tgt Ion:244 Resp: 1991781

Ion	Ratio	Lower	Upper
244	100		
212	9.8	8.6	13.0
122	13.7	11.9	17.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.66 min Scan# 3671
Delta R.T. -0.06 min
Lab File: BG044174.D
Acq: 23 Jan 2020 19:34

Instrument :
BNA_G
ClientSampleId :
MW-8

Tgt Ion:264 Resp: 486385

Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.4	30.6
265	22.4	17.4	26.2