Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011520\

Quantitation Report (Not Reviewed)

Data File : BG044058.D
Acq On : 15 Jan 2020 20:28
Operator : JU
Sample : L1123-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TWP-01

Quant Time: Jan 16 08:12:57 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	7.94	152	99632	20.00	ng		-0.02
21) Naphthalene-d8	10.74	136	414659	20.00	ng		-0.02
39) Acenaphthene-d10	14.57	164	279471	20.00	ng		-0.02
64) Phenanthrene-d10	17.32	188	617248	20.00	ng		-0.02
76) Chrysene-d12	21.56	240	534300	20.00	ng		-0.03
87) Perylene-d12	24.67	264	597032	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	258532	47.64	ng		-0.02
7) Phenol-d6	7.11	99	239164	31.53	ng		-0.02
23) Nitrobenzene-d5	9.10	82	560123	72.26	ng		-0.02
42) 2,4,6-Tribromophenol	16.06	330	266888	91.26	ng		-0.02
45) 2-Fluorobiphenyl	13.20	172	1230994	79.80	ng		-0.02
79) Terphenyl-d14	19.93	244	1834821	82.03	ng		-0.02
Target Compounds							Qvalue
10) Phenol	7.14	94	17065	2.184	ng		96
19) n-Nitroso-di-n-propylamine	9.10	70	74489	13.187	ng	#	75
32) Benzoic acid	10.04	122	60	6.274	ng	#	72
50) Dimethylphthalate	14.03	163	314346	15.841	ng		97
54) 2,4-Dinitrophenol	14.33	184	55	5.505	ng	#	20
57) 2,4-Dinitrotoluene	14.57	165	35984	5.896	ng	#	27
65) 4,6-Dinitro-2-methylphenol	16.06	198	1068	4.695	ng	#	1
67) 4-Bromophenyl-phenylether	16.06	248	18987	2.735	ng	#	1
77) Benzidine	19.93	184	32680	2.433	ng	#	96

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

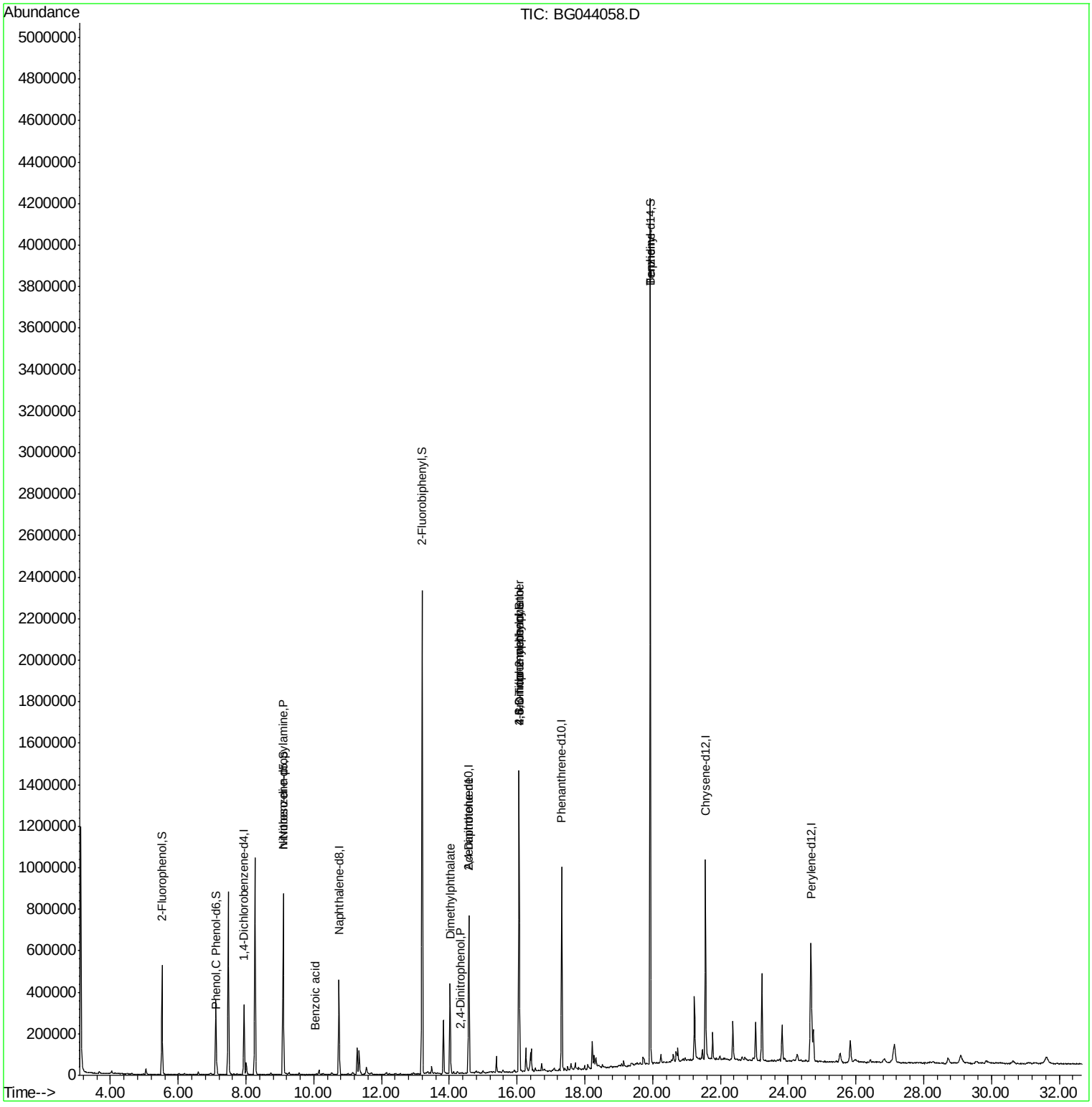
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011520\

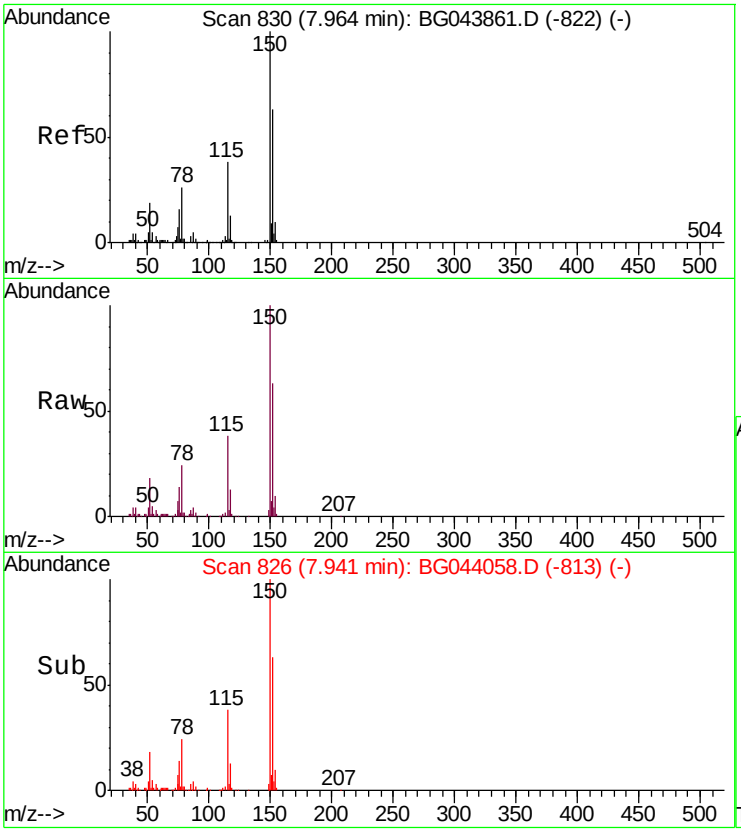
Quantitation Report (Not Reviewed)

Data File : BG044058.D
Acq On : 15 Jan 2020 20:28
Operator : JU
Sample : L1123-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TWP-01

Quant Time: Jan 16 08:12:57 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



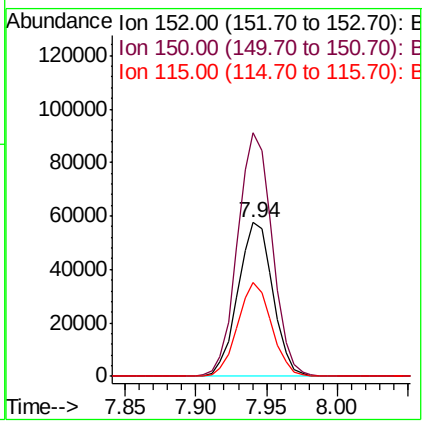


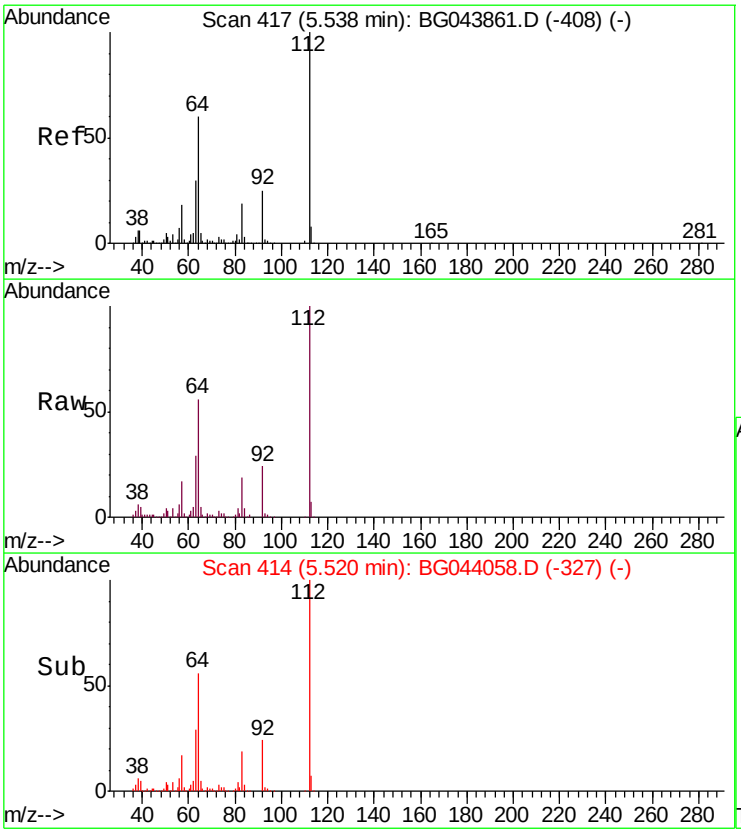
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.02 min
Lab File: BG044058.D
Acq: 15 Jan 2020 20:28

Instrument :
BNA_G
ClientSampleId :
TWP-01

Tgt Ion:152 Resp: 99632

Ion	Ratio	Lower	Upper
152	100		
150	158.2	127.0	190.4
115	60.9	47.8	71.8

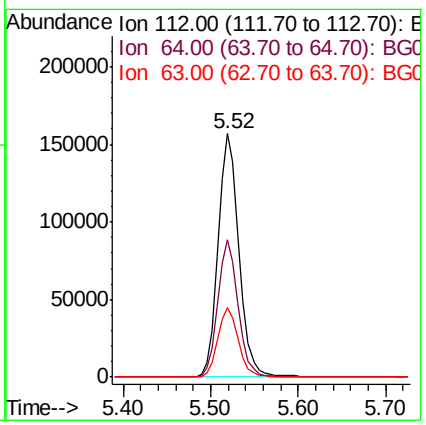


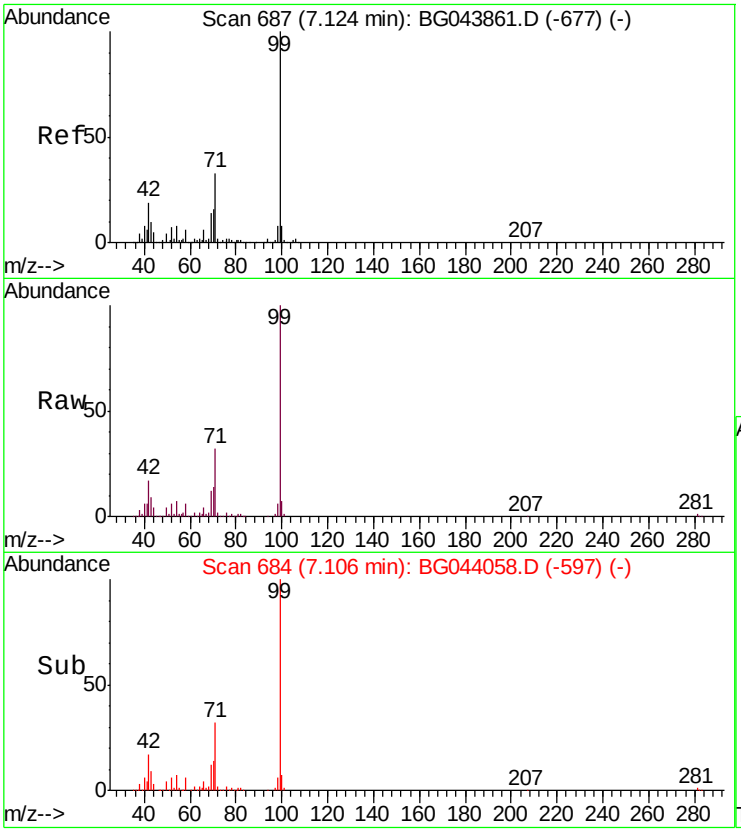


#5
2-Fluorophenol
Concen: 47.645 ng
RT: 5.52 min Scan# 414
Delta R.T. -0.02 min
Lab File: BG044058.D
Acq: 15 Jan 2020 20:28

Tgt Ion:112 Resp: 258532

Ion	Ratio	Lower	Upper
112	100		
64	56.3	47.8	71.6
63	28.7	24.3	36.5



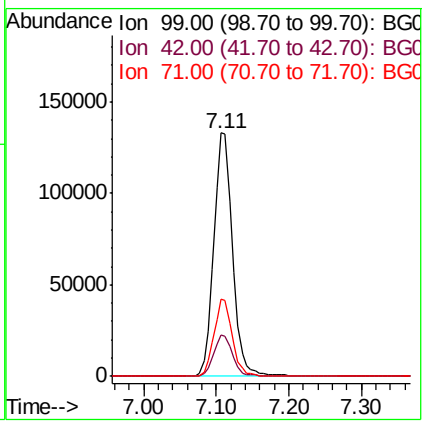


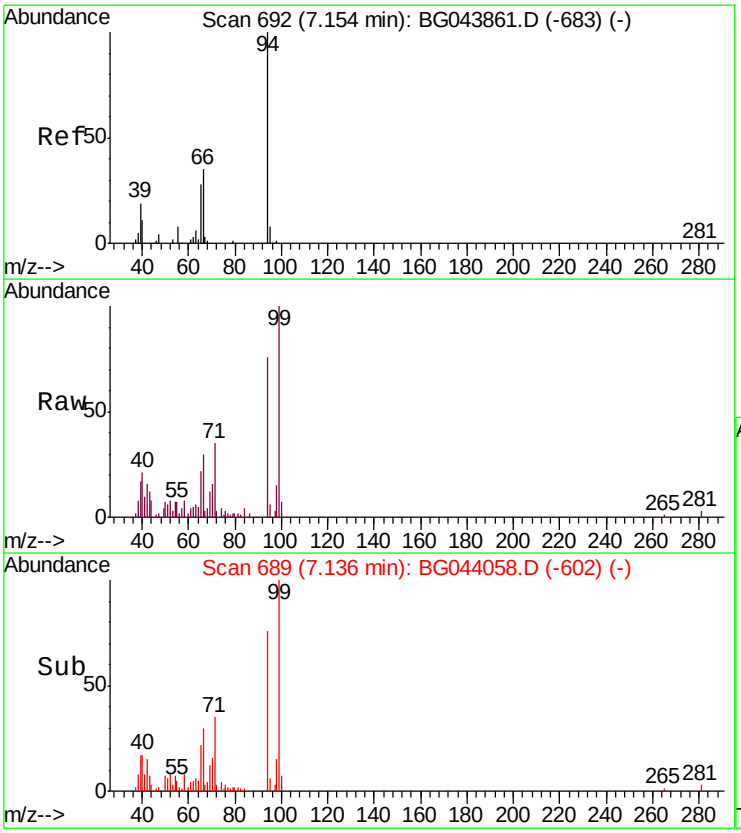
#7
Phenol-d6
Concen: 31.532 ng
RT: 7.11 min Scan# 684
Delta R.T. -0.02 min
Lab File: BG044058.D
Acq: 15 Jan 2020 20:28

Instrument :
BNA_G
ClientSampleId :
TWP-01

Tgt Ion: 99 Resp: 239164

Ion	Ratio	Lower	Upper
99	100		
42	17.1	14.9	22.3
71	31.6	26.4	39.6

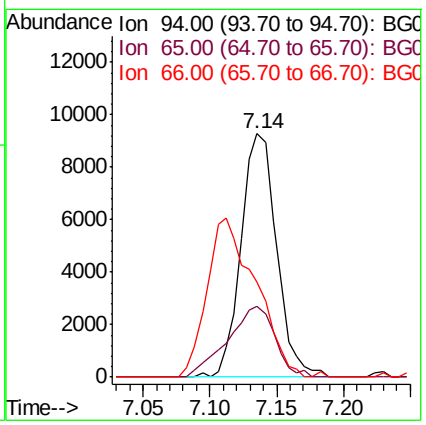


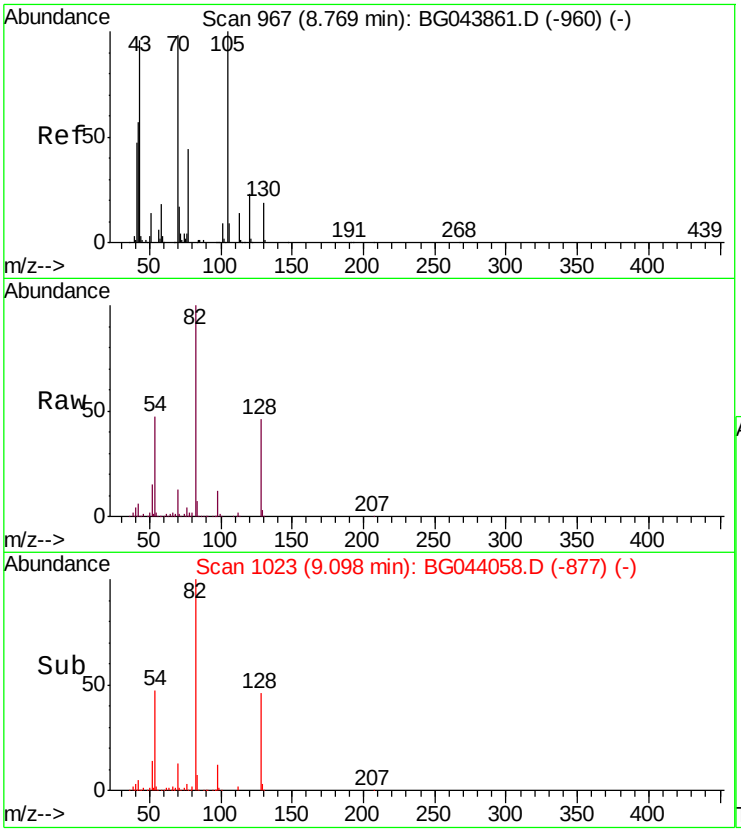


#10
Phenol
Concen: 2.184 ng
RT: 7.14 min Scan# 689
Delta R.T. -0.02 min
Lab File: BG044058.D
Acq: 15 Jan 2020 20:28

Tgt Ion: 94 Resp: 17065

Ion	Ratio	Lower	Upper
94	100		
65	29.2	8.1	48.1
66	39.0	15.6	55.6



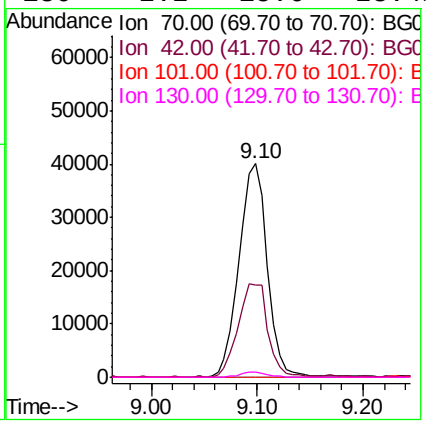


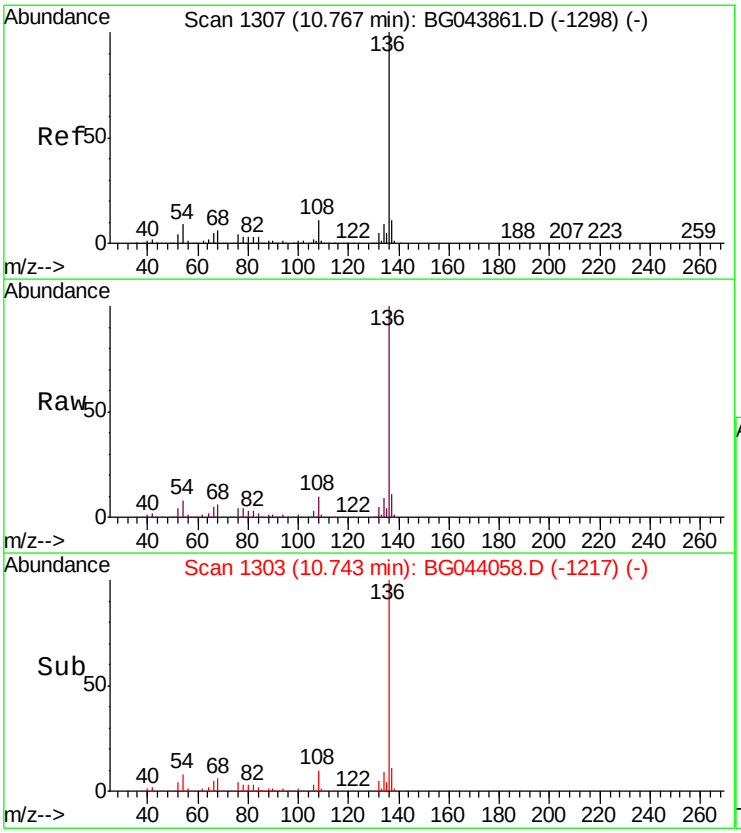
#19
n-Nitroso-di-n-propylamine
Concen: 13.187 ng
RT: 9.10 min Scan# 1023
Delta R.T. 0.33 min
Lab File: BG044058.D
Acq: 15 Jan 2020 20:28

Instrument :
BNA_G
ClientSampleId :
TWP-01

Tgt Ion: 70 Resp: 74489

Ion	Ratio	Lower	Upper
70	100		
42	43.4	47.0	70.4#
101	0.0	7.2	10.8#
130	2.2	15.6	23.4#

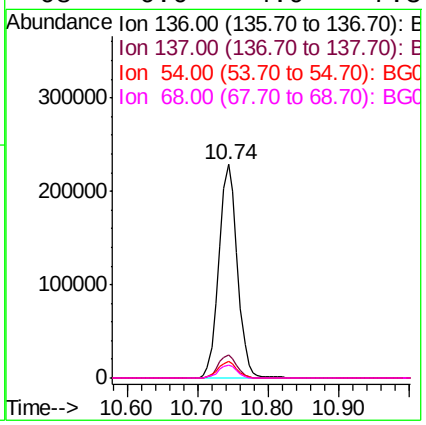


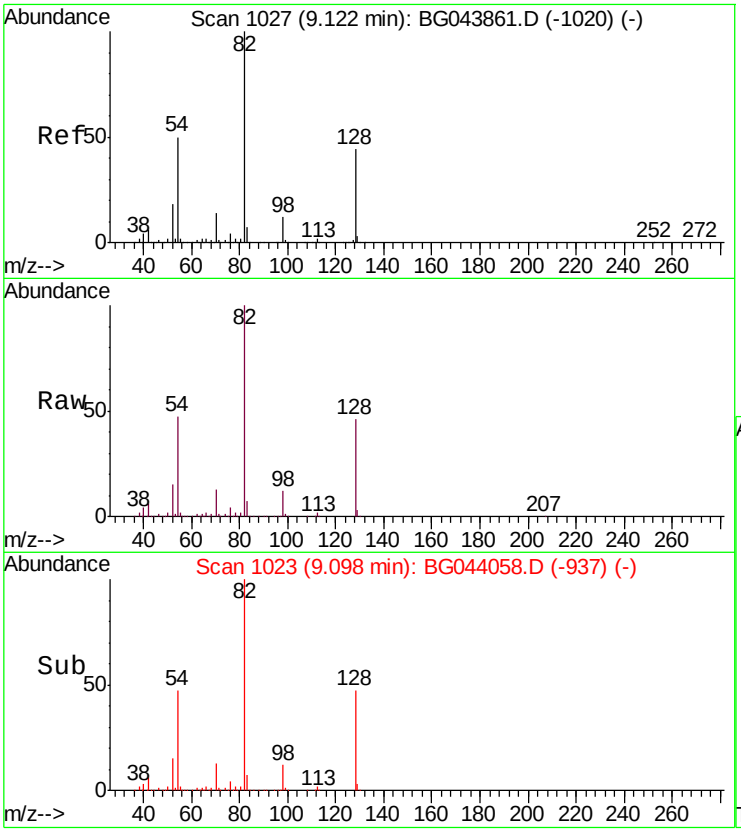


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.74 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BG044058.D
Acq: 15 Jan 2020 20:28

Tgt Ion:136 Resp: 414659

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.6	7.0	10.4
68	6.0	4.9	7.3



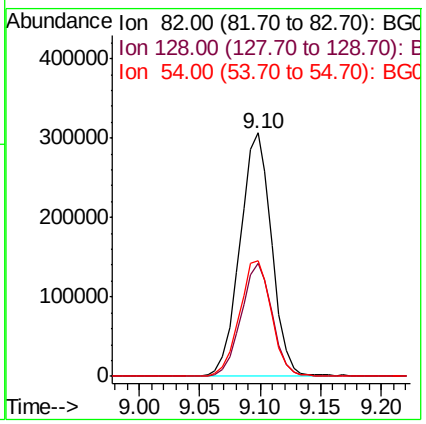


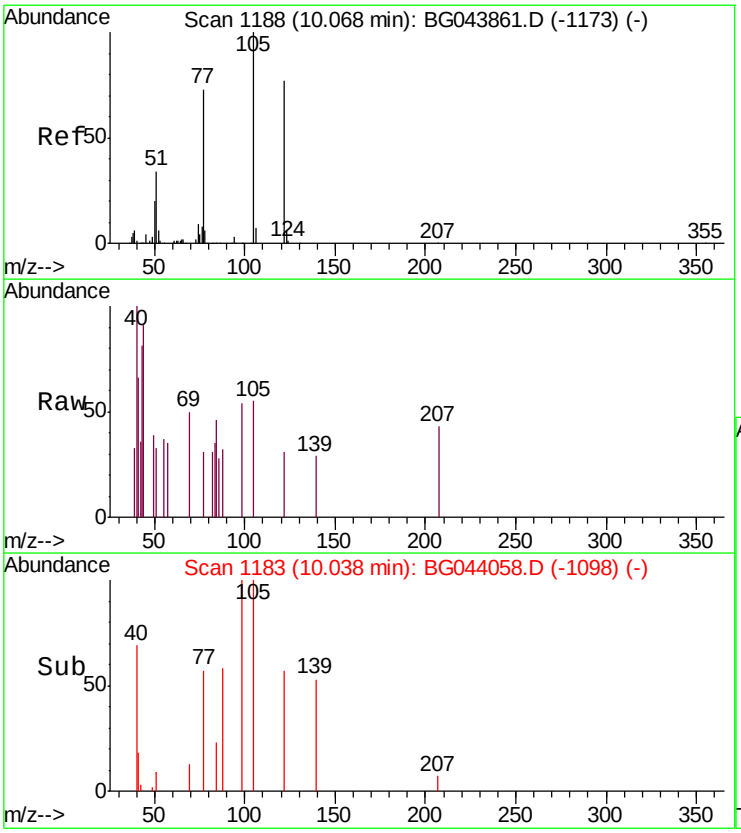
#23
Nitrobenzene-d5
Concen: 72.262 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG044058.D
Acq: 15 Jan 2020 20:28

Instrument :
BNA_G
ClientSampleId :
TWP-01

Tgt Ion: 82 Resp: 560123

Ion	Ratio	Lower	Upper
82	100		
128	46.5	35.1	52.7
54	47.4	40.1	60.1

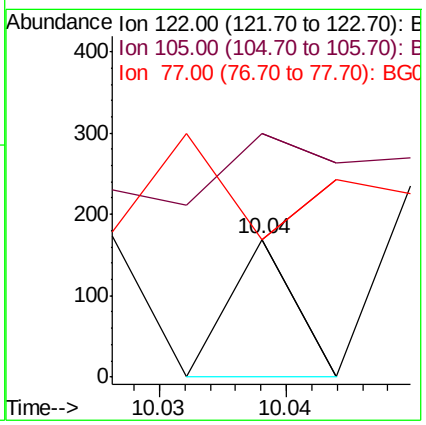


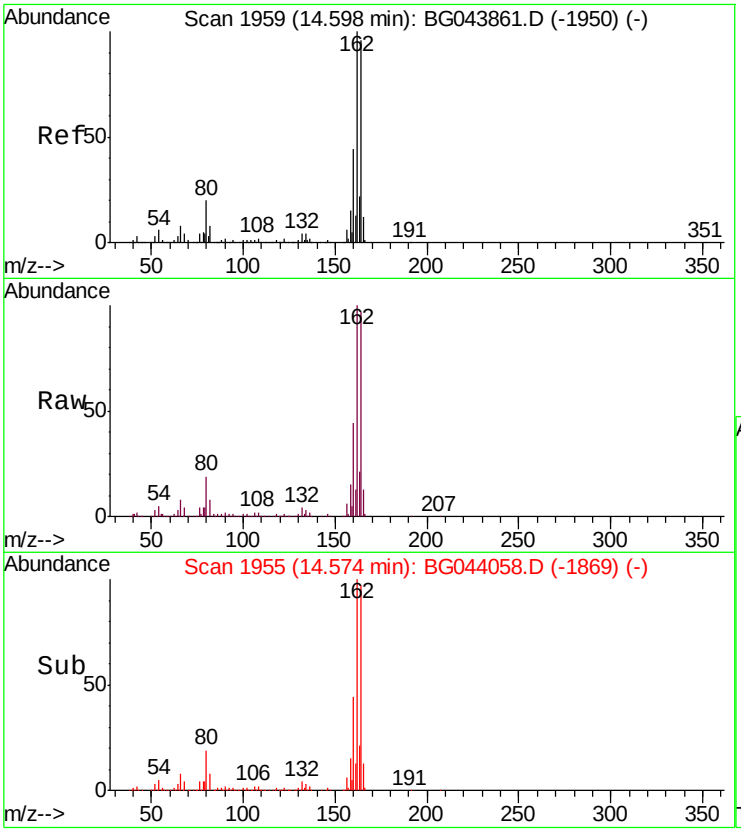


#32
Benzoic acid
Concen: 6.274 ng
RT: 10.04 min Scan# 1183
Delta R.T. -0.03 min
Lab File: BG044058.D
Acq: 15 Jan 2020 20:28

Tgt Ion:122 Resp: 60

Ion	Ratio	Lower	Upper
122	100		
105	176.9	106.4	146.4#
77	100.0	74.6	114.6



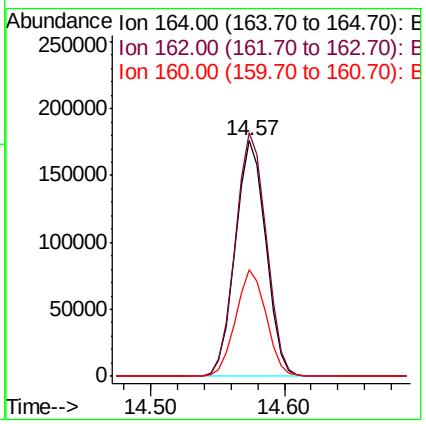


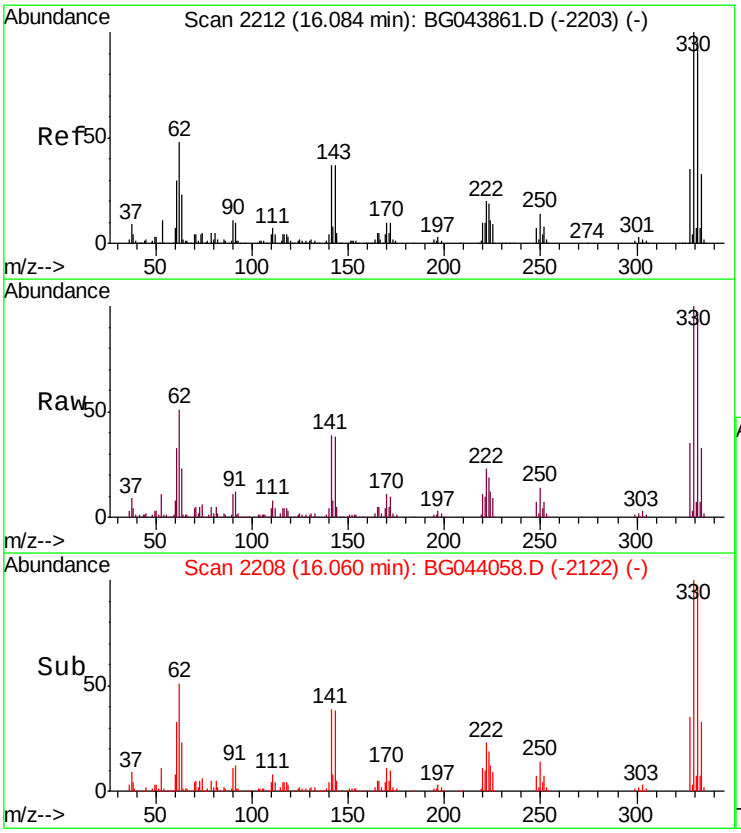
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1955
Delta R.T. -0.02 min
Lab File: BG044058.D
Acq: 15 Jan 2020 20:28

Instrument :
BNA_G
ClientSampleId :
TWP-01

Tgt Ion:164 Resp: 279471

Ion	Ratio	Lower	Upper
164	100		
162	103.3	83.0	124.4
160	45.4	36.1	54.1

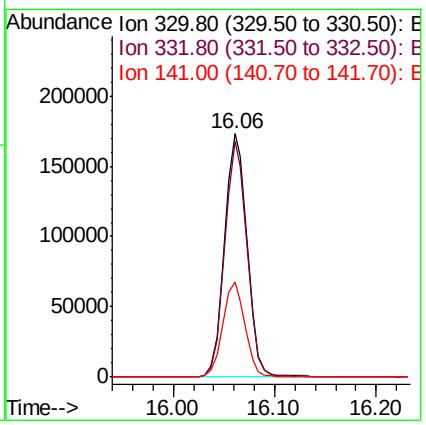


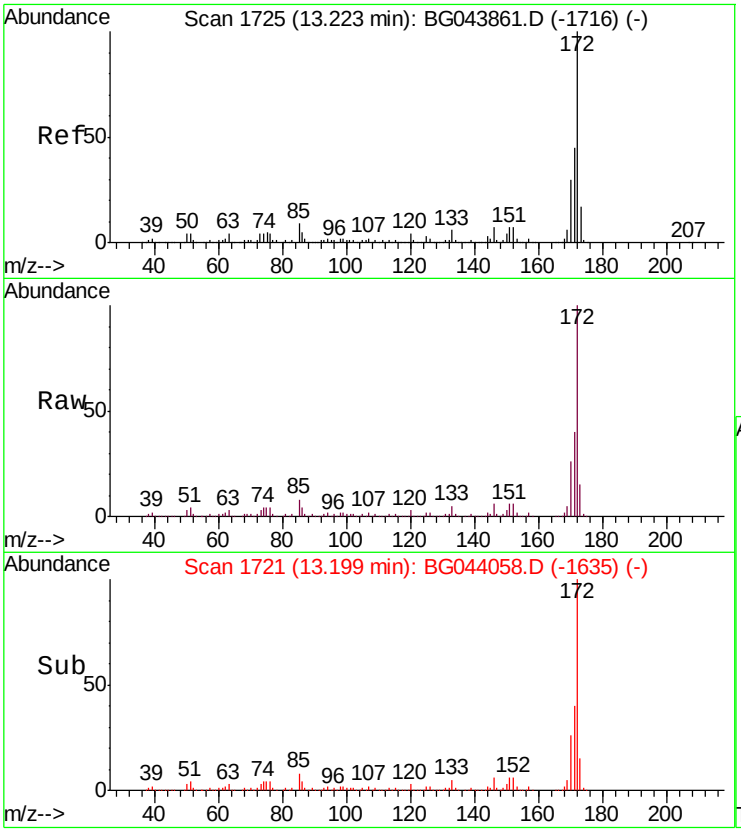


#42
2,4,6-Tribromophenol
Concen: 91.256 ng
RT: 16.06 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BG044058.D
Acq: 15 Jan 2020 20:28

Tgt Ion:330 Resp: 266888

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.2	115.8
141	38.4	33.1	49.7



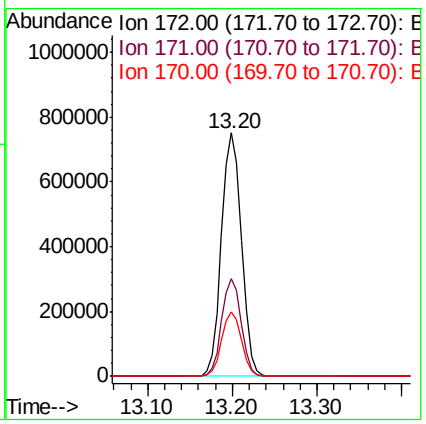


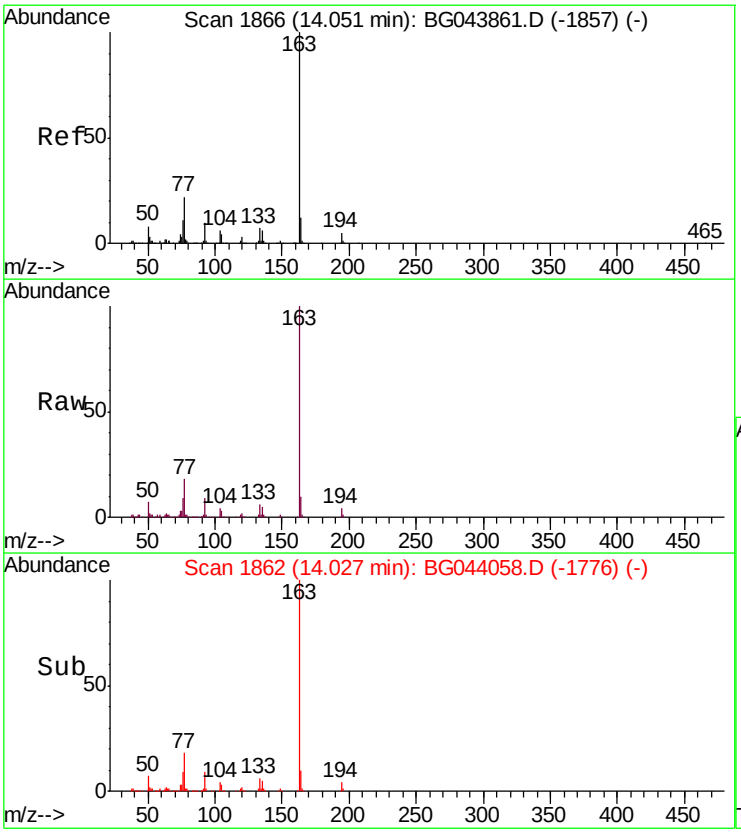
#45
2-Fluorobiphenyl
Concen: 79.804 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.02 min
Lab File: BG044058.D
Acq: 15 Jan 2020 20:28

Instrument :
BNA_G
ClientSampleId :
TWP-01

Tgt Ion:172 Resp: 1230994

Ion	Ratio	Lower	Upper
172	100		
171	39.9	35.8	53.8
170	26.4	24.2	36.4

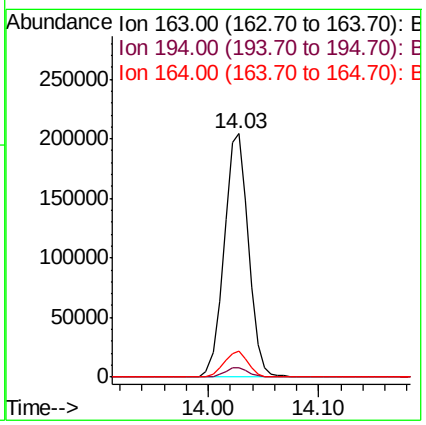


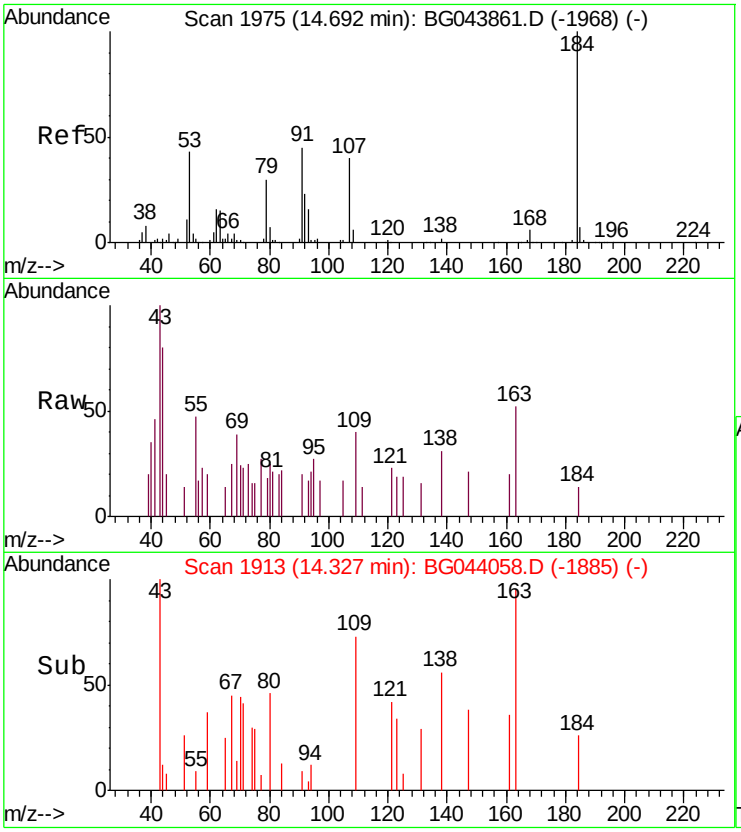


#50
Dimethylphthalate
Concen: 15.841 ng
RT: 14.03 min Scan# 1862
Delta R.T. -0.02 min
Lab File: BG044058.D
Acq: 15 Jan 2020 20:28

Tgt Ion:163 Resp: 314346

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.7	5.5
164	10.4	9.3	13.9



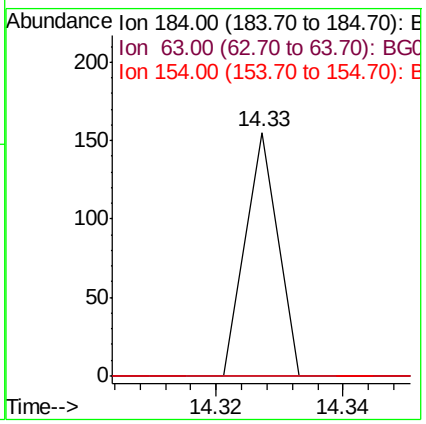


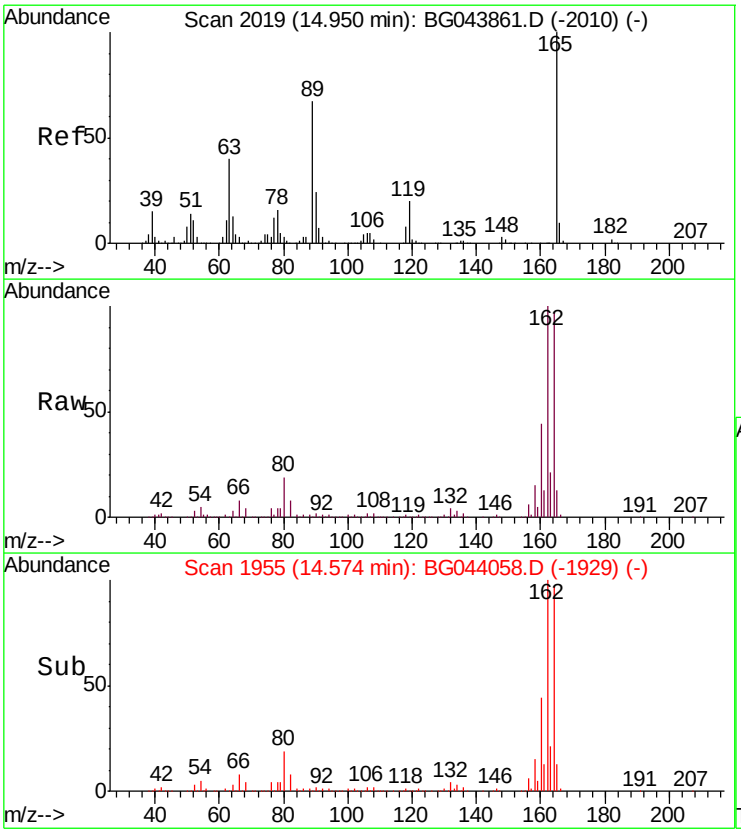
#54
2,4-Dinitrophenol
Concen: 5.505 ng
RT: 14.33 min Scan# 1913
Delta R.T. -0.36 min
Lab File: BG044058.D
Acq: 15 Jan 2020 20:28

Instrument :
BNA_G
ClientSampleId :
TWP-01

Tgt Ion:184 Resp: 55

Ion	Ratio	Lower	Upper
184	100		
63	0.0	46.6	70.0#
154	0.0	50.2	75.4#

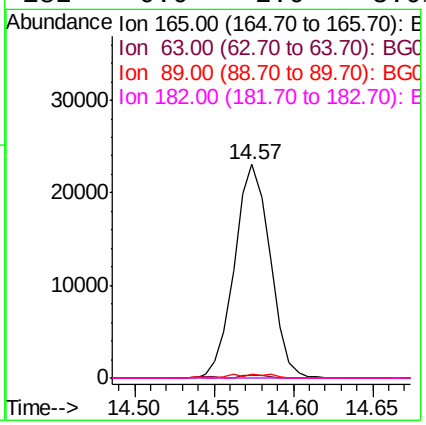


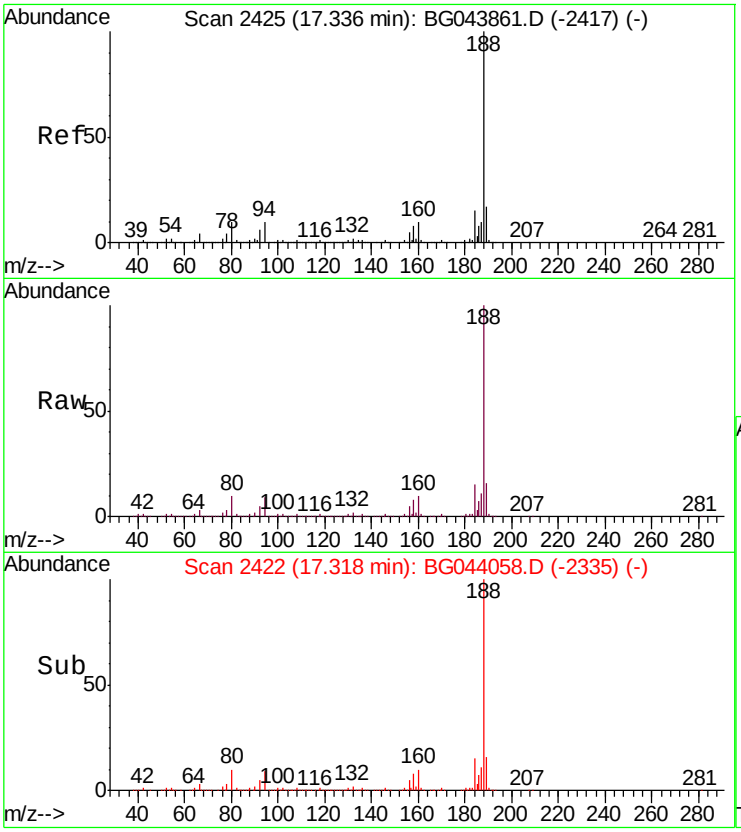


#57
2,4-Dinitrotoluene
Concen: 5.896 ng
RT: 14.57 min Scan# 1955
Delta R.T. -0.38 min
Lab File: BG044058.D
Acq: 15 Jan 2020 20:28

Tgt Ion:165 Resp: 35984

Ion	Ratio	Lower	Upper
165	100		
63	1.3	31.9	47.9#
89	1.6	53.8	80.6#
182	0.0	2.0	3.0#



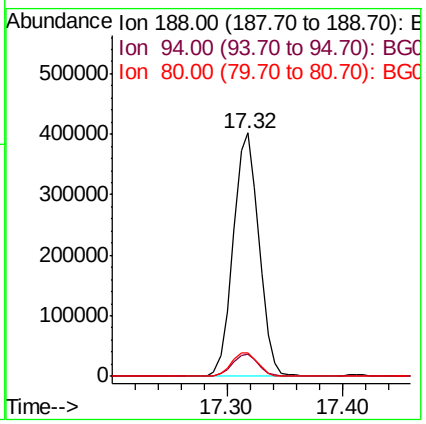


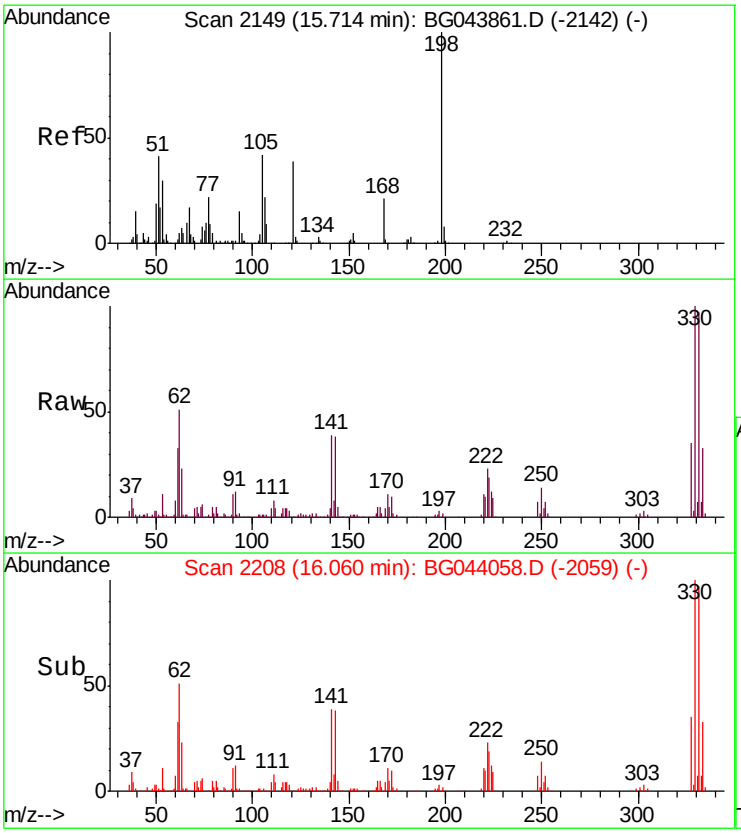
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.02 min
Lab File: BG044058.D
Acq: 15 Jan 2020 20:28

Instrument :
BNA_G
ClientSampleId :
TWP-01

Tgt Ion:188 Resp: 617248

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.9	11.9
80	9.7	8.2	12.4

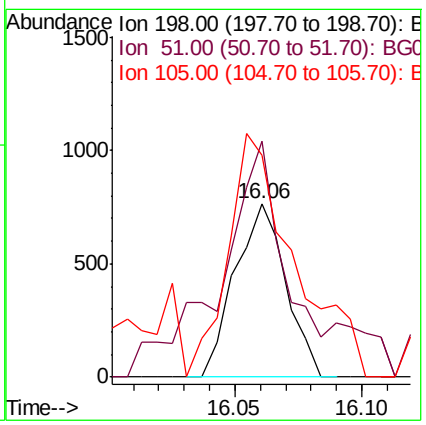


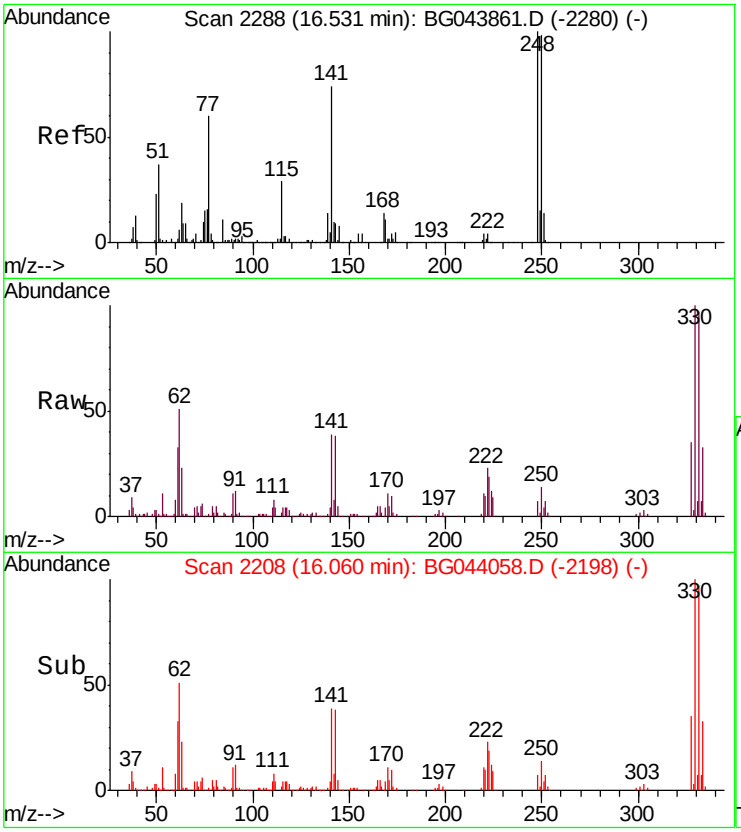


#65
4,6-Dinitro-2-methylphenol
Concen: 4.695 ng
RT: 16.06 min Scan# 2208
Delta R.T. 0.35 min
Lab File: BG044058.D
Acq: 15 Jan 2020 20:28

Tgt Ion:198 Resp: 1068

Ion	Ratio	Lower	Upper
198	100		
51	136.3	22.5	62.5#
105	128.2	22.3	62.3#



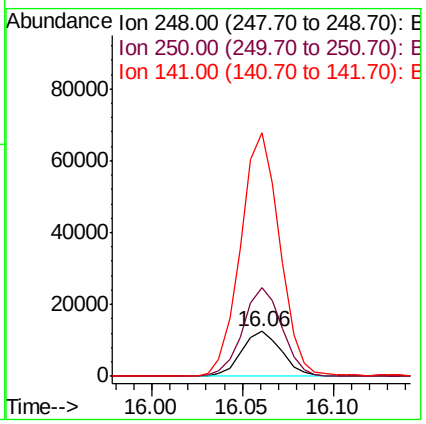


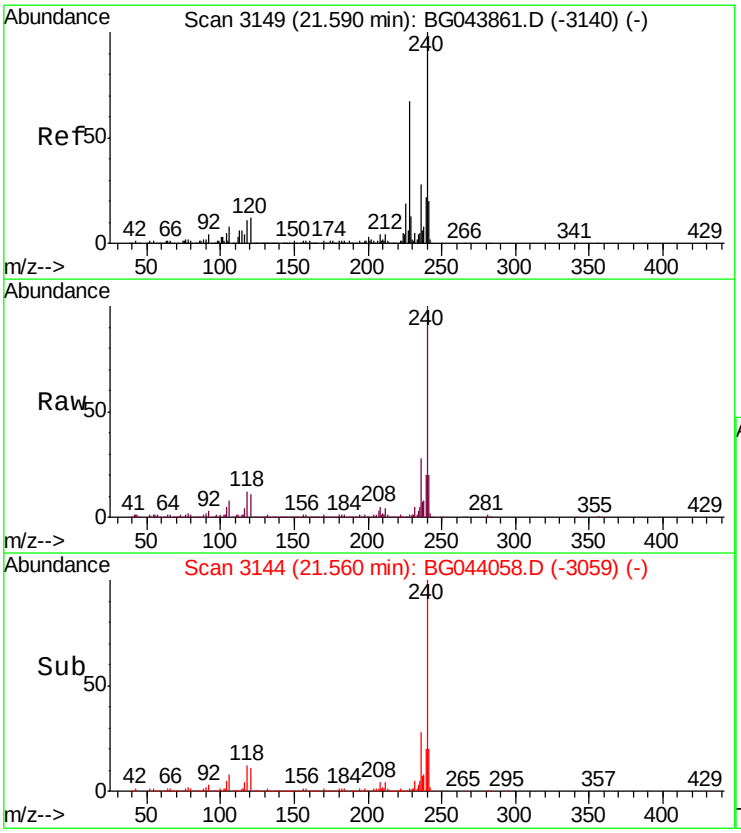
#67
4-Bromophenyl-phenylether
Concen: 2.735 ng
RT: 16.06 min Scan# 2208
Delta R.T. -0.47 min
Lab File: BG044058.D
Acq: 15 Jan 2020 20:28

Instrument :
BNA_G
ClientSampleId :
TWP-01

Tgt Ion:248 Resp: 18987

Ion	Ratio	Lower	Upper
248	100		
250	198.8	78.2	117.2#
141	545.9	59.3	88.9#

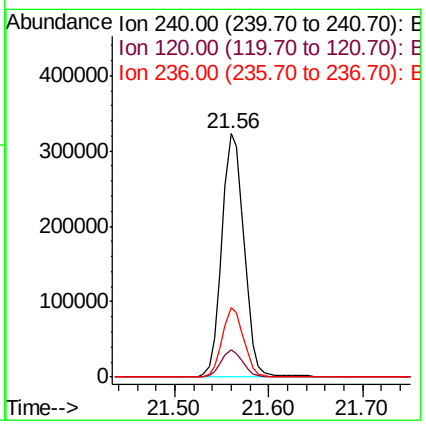


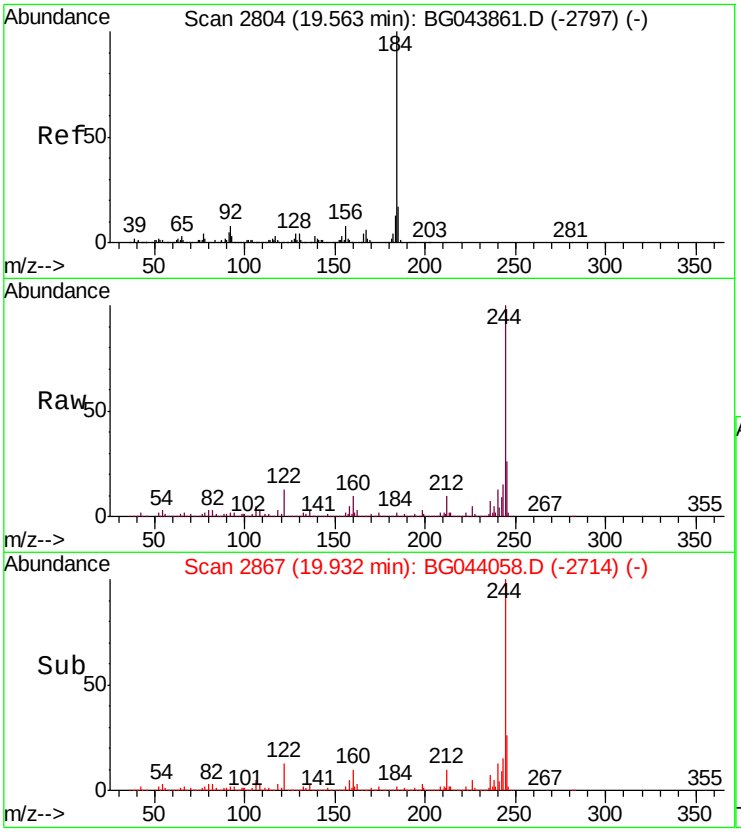


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.03 min
Lab File: BG044058.D
Acq: 15 Jan 2020 20:28

Tgt Ion:240 Resp: 534300

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.6	14.4
236	28.4	22.2	33.2



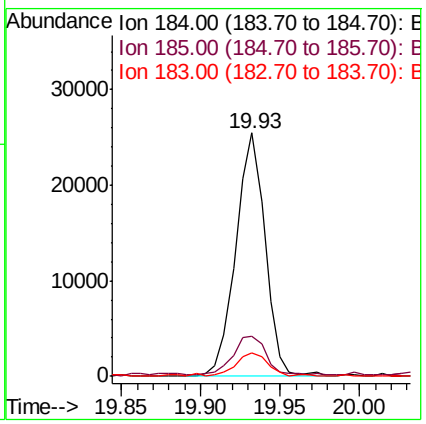


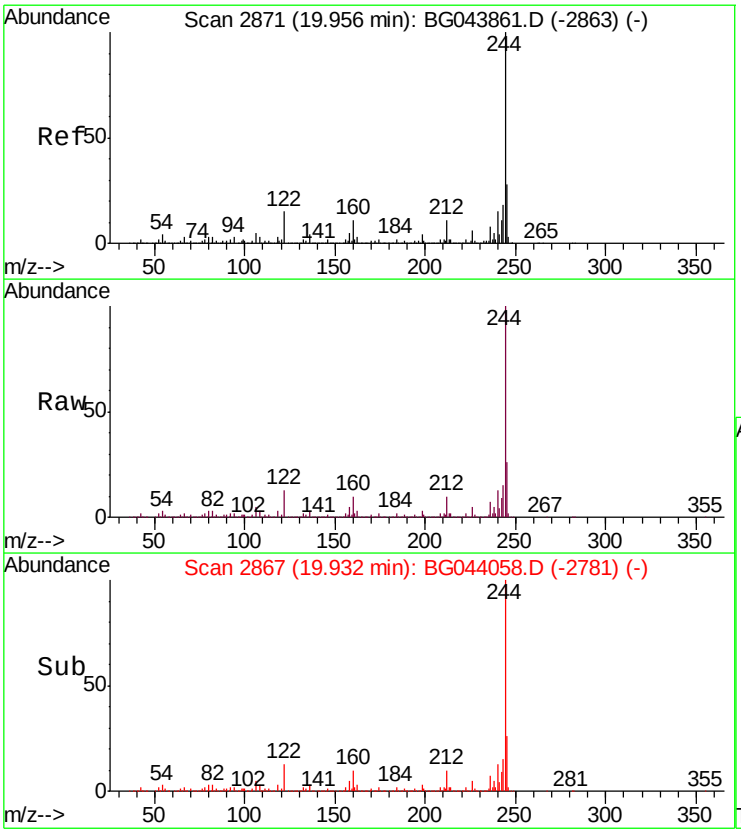
#77
Benzidine
Concen: 2.433 ng
RT: 19.93 min Scan# 2867
Delta R.T. 0.37 min
Lab File: BG044058.D
Acq: 15 Jan 2020 20:28

Instrument :
BNA_G
ClientSampleId :
TWP-01

Tgt Ion:184 Resp: 32680

Ion	Ratio	Lower	Upper
184	100		
185	16.6	13.4	20.0
183	9.5	10.6	15.8#

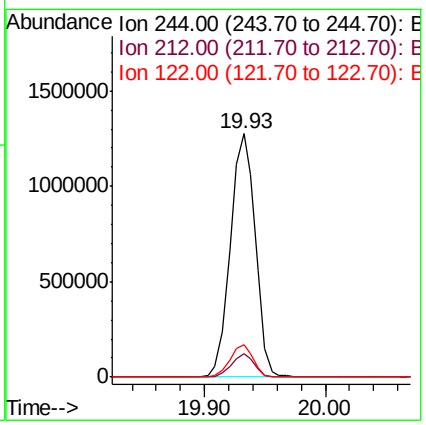


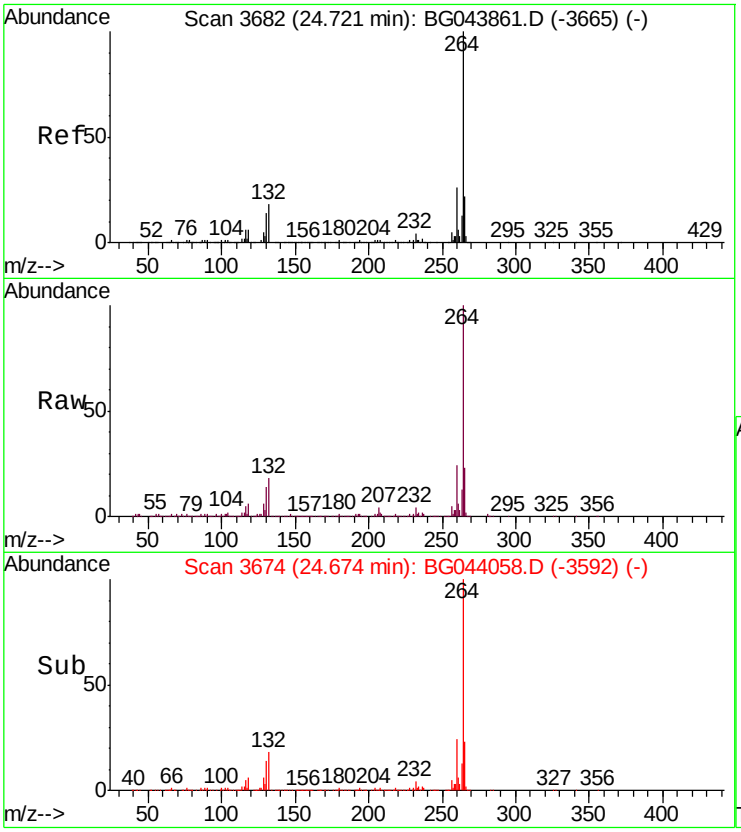


#79
Terphenyl-d14
Concen: 82.028 ng
RT: 19.93 min Scan# 2867
Delta R.T. -0.02 min
Lab File: BG044058.D
Acq: 15 Jan 2020 20:28

Tgt Ion:244 Resp: 1834821

Ion	Ratio	Lower	Upper
244	100		
212	9.8	8.6	13.0
122	13.1	11.9	17.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.67 min Scan# 3674
Delta R.T. -0.05 min
Lab File: BG044058.D
Acq: 15 Jan 2020 20:28

Instrument :
BNA_G
ClientSampleId :
TWP-01

Tgt Ion:264 Resp: 597032

Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.4	30.6
265	22.9	17.4	26.2