Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051120\
Data File : BG045314.D
Acq On : 12 May 2020 4:03
Operator : CG/JU
Sample : L2557-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-12A

Quant Time: May 12 05:24:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 11 13:27:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	79728	20.00	ng		0.00
21) Naphthalene-d8	10.78	136	318732	20.00	ng		0.00
39) Acenaphthene-d10	14.62	164	215689	20.00	ng		0.00
64) Phenanthrene-d10	17.36	188	513667	20.00	ng		0.00
76) Chrysene-d12	21.63	240	520439	20.00	ng		-0.01
87) Perylene-d12	24.79	264	556687	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	328963	68.12	ng		0.00
7) Phenol-d6	7.14	99	496019	69.13	ng		0.00
23) Nitrobenzene-d5	9.13	82	329921	47.23	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	236713	71.04	ng		-0.01
45) 2-Fluorobiphenyl	13.24	172	775055	52.69	ng		0.00
79) Terphenyl-d14	19.98	244	1339512	56.10	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	7.13	77	1551	Below Cal		#	51
19) n-Nitroso-di-n-propylamine	9.13	70	44431	8.756	ng	#	80
20) 3+4-Methylphenols	8.74	107	25112	3.239	ng		90
32) Benzoic acid	10.38	122	59	6.387	ng	#	1
50) Dimethylphthalate	14.07	163	96837	5.514	ng		98
51) 2,6-Dinitrotoluene	14.62	165	28943	7.368	ng	#	26
57) 2,4-Dinitrotoluene	14.62	165	28943	5.042	ng	#	23
67) 4-Bromophenyl-phenylether	16.11	248	15874	2.395	ng	#	1
69) Atrazine	17.32	200	61	Below Cal		#	35
74) Di-n-butylphthalate	18.33	149	1287	Below Cal		#	76
75) Fluoranthene	19.48	202	58	Below Cal			62
77) Benzidine	19.98	184	25181	Below Cal		#	90

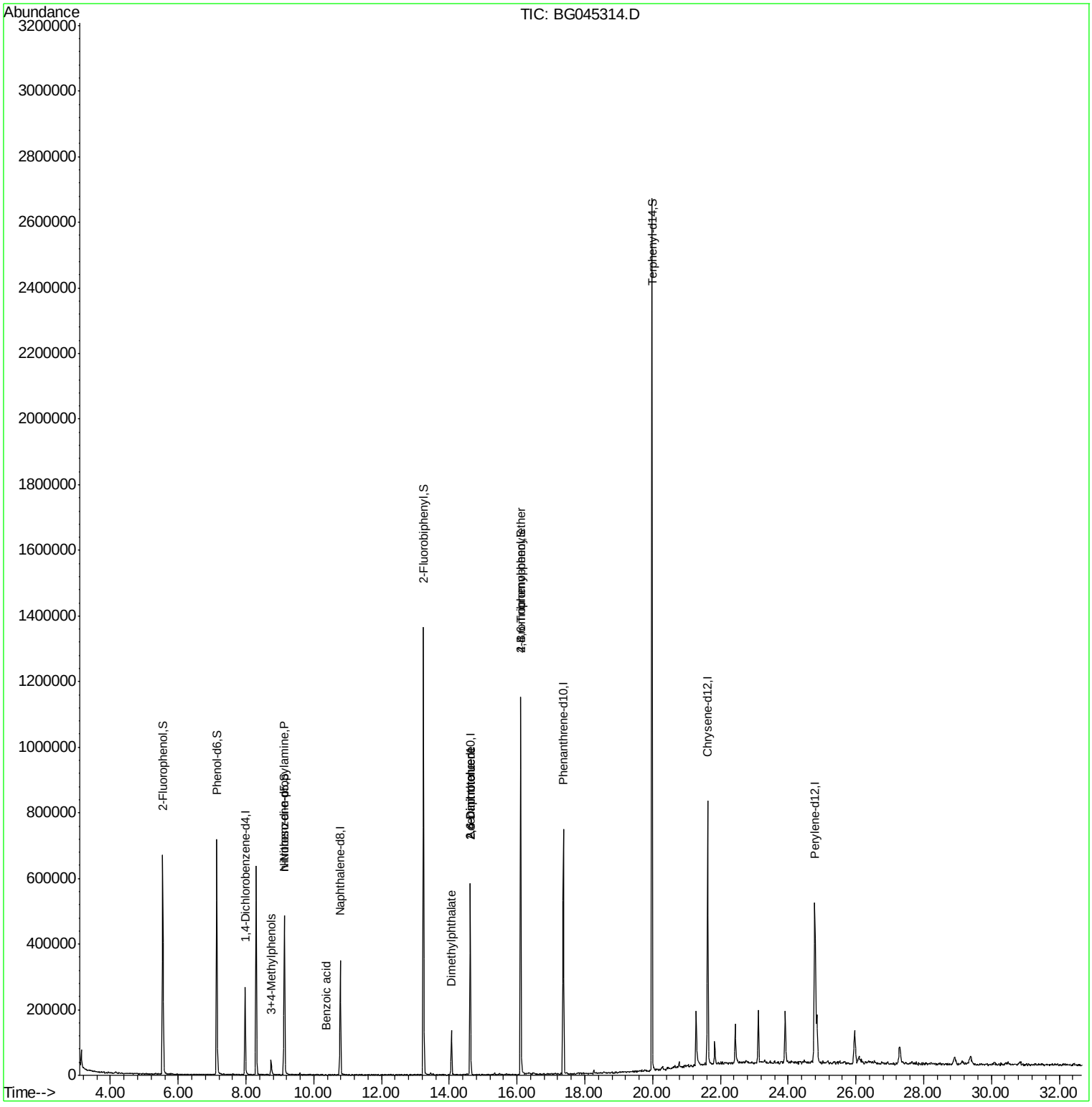
(#) = qualifier out of range (m) = manual integration (+) = signals summed

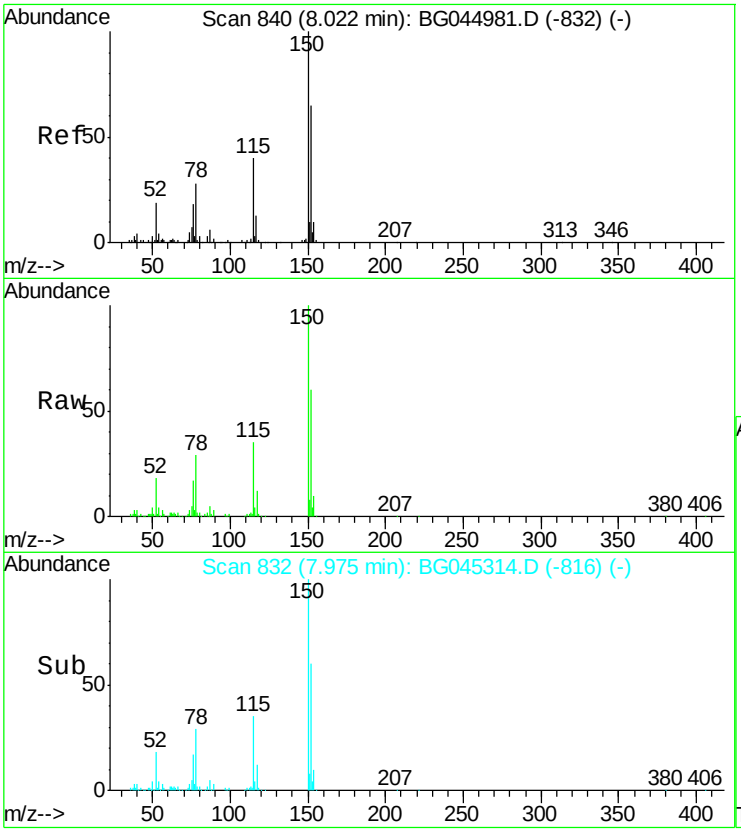
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051120\
Data File : BG045314.D
Acq On : 12 May 2020 4:03
Operator : CG/JU
Sample : L2557-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-12A

Quant Time: May 12 05:24:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 11 13:27:41 2020
Response via : Initial Calibration



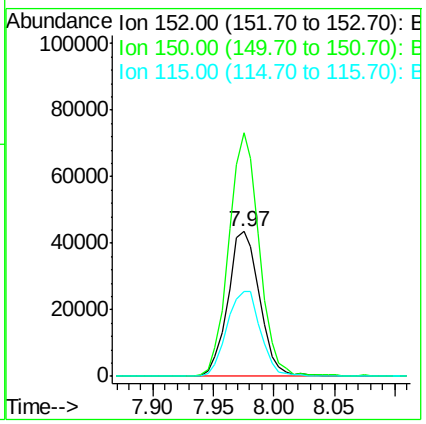


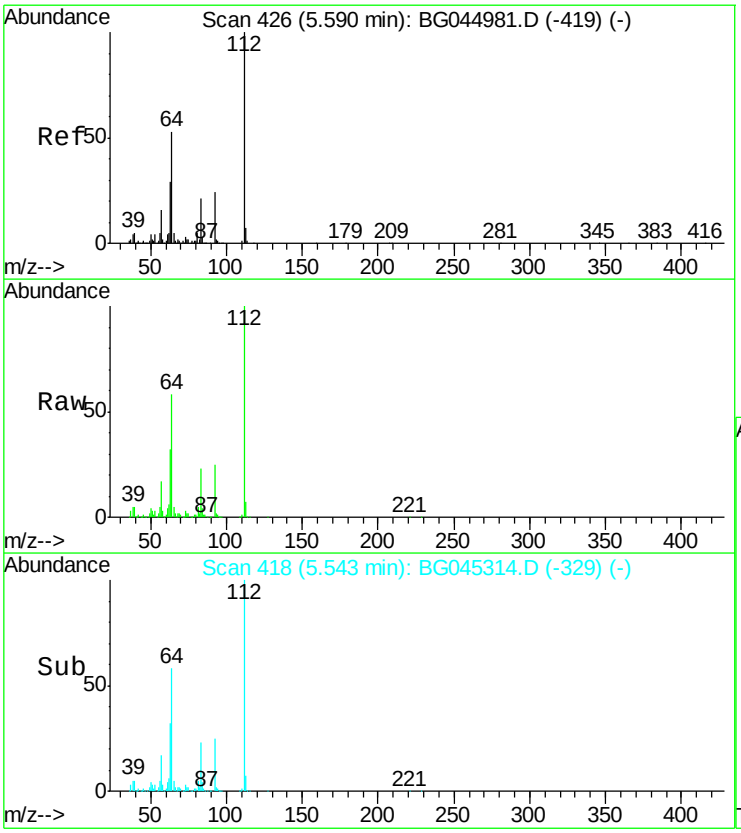
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 832
Delta R.T. -0.01 min
Lab File: BG045314.D
Acq: 12 May 2020 4:03

Instrument :
BNA_G
ClientSampleId :
TP-12A

Tgt Ion:152 Resp: 79728

Ion	Ratio	Lower	Upper
152	100		
150	167.9	123.6	185.4
115	58.7	49.1	73.7

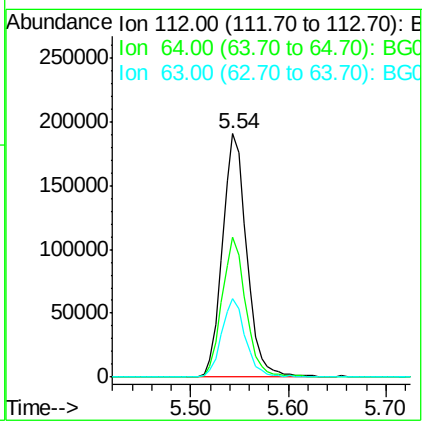


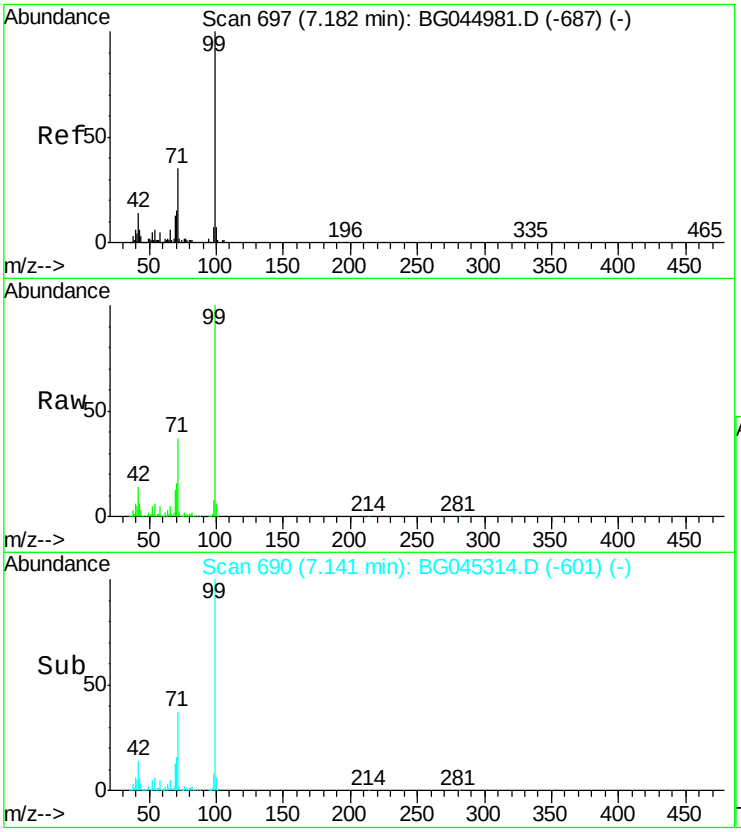


#5
2-Fluorophenol
Concen: 68.119 ng
RT: 5.54 min Scan# 418
Delta R.T. -0.01 min
Lab File: BG045314.D
Acq: 12 May 2020 4:03

Tgt Ion:112 Resp: 328963

Ion	Ratio	Lower	Upper
112	100		
64	57.5	42.4	63.6
63	32.1	23.1	34.7



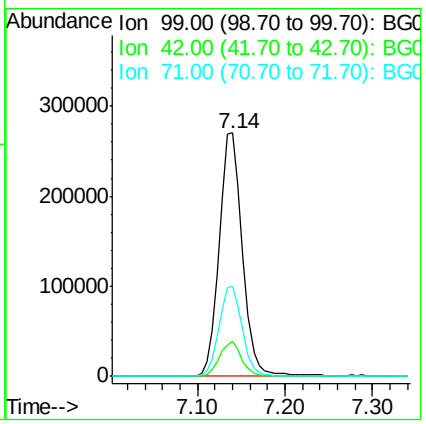


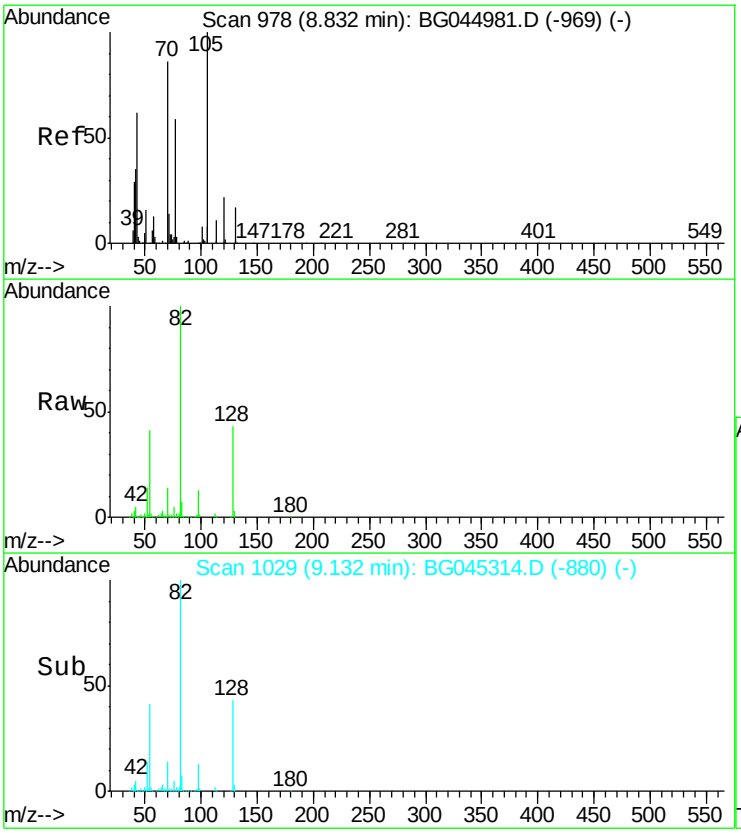
#7
Phenol-d6
Concen: 69.131 ng
RT: 7.14 min Scan# 690
Delta R.T. -0.01 min
Lab File: BG045314.D
Acq: 12 May 2020 4:03

Instrument :
BNA_G
ClientSampleId :
TP-12A

Tgt Ion: 99 Resp: 496019

Ion	Ratio	Lower	Upper
99	100		
42	14.1	11.3	16.9
71	36.9	28.3	42.5

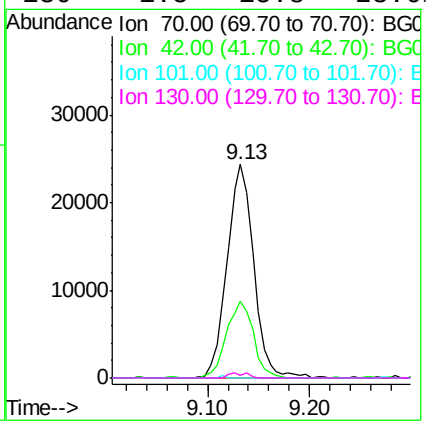


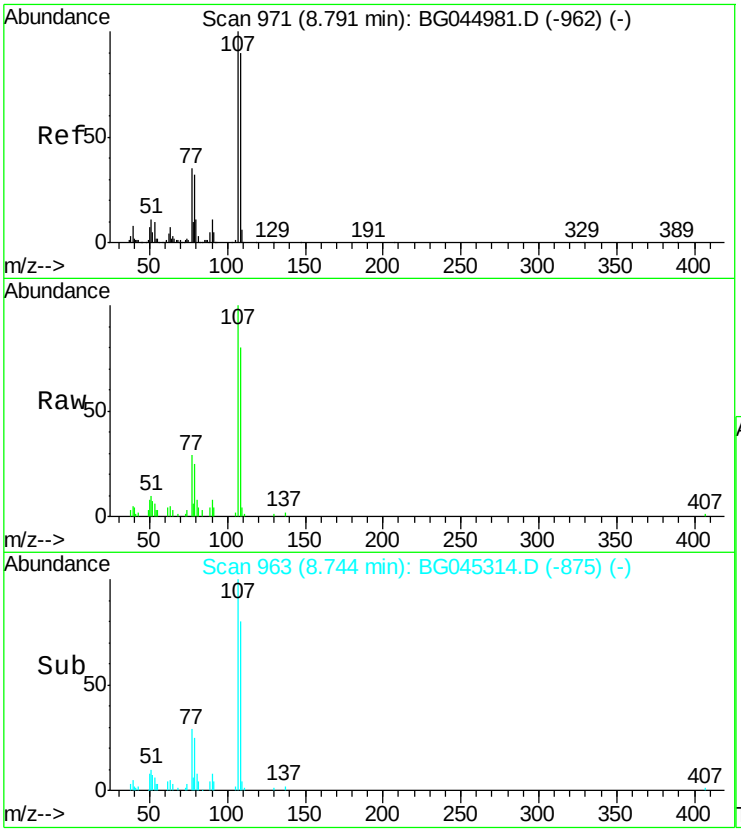


#19
n-Nitroso-di-n-propylamine
Concen: 8.756 ng
RT: 9.13 min Scan# 1029
Delta R.T. 0.35 min
Lab File: BG045314.D
Acq: 12 May 2020 4:03

Tgt Ion: 70 Resp: 44431

Ion	Ratio	Lower	Upper
70	100		
42	36.1	33.3	49.9
101	0.0	7.8	11.8#
130	1.5	15.8	23.6#



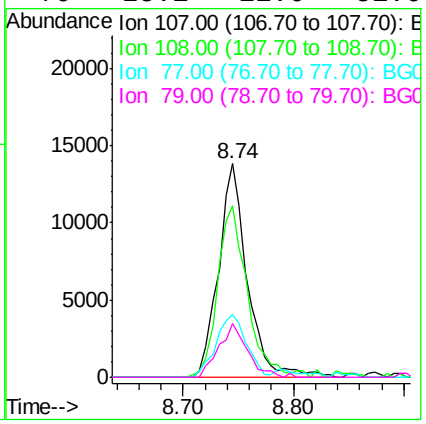


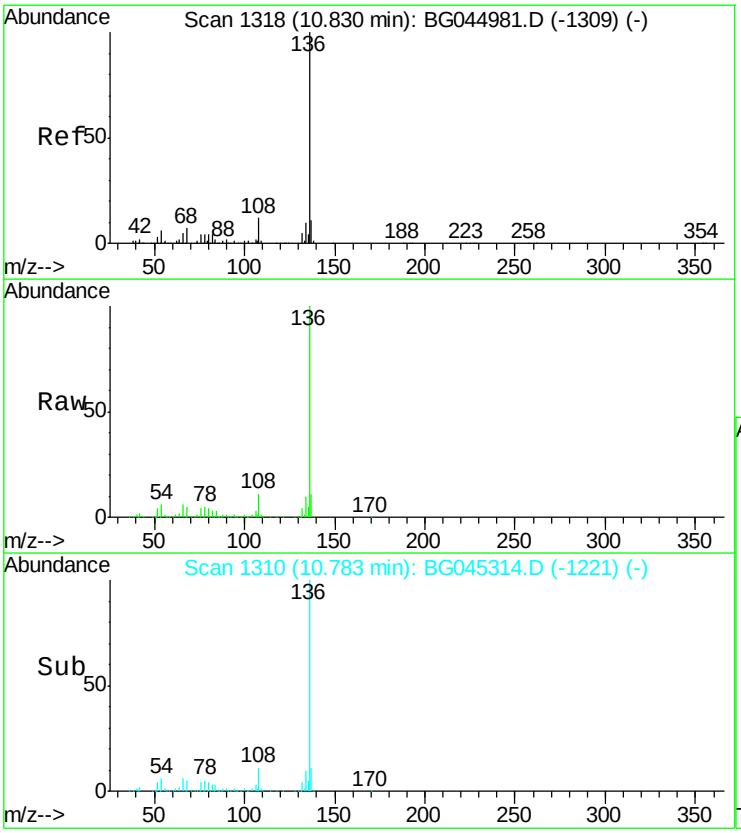
#20
3+4-Methylphenols
Concen: 3.239 ng
RT: 8.74 min Scan# 963
Delta R.T. -0.01 min
Lab File: BG045314.D
Acq: 12 May 2020 4:03

Instrument :
BNA_G
ClientSampleId :
TP-12A

Tgt Ion:107 Resp: 25112

Ion	Ratio	Lower	Upper
107	100		
108	80.2	69.9	109.9
77	29.4	15.2	55.2
79	25.1	11.6	51.6

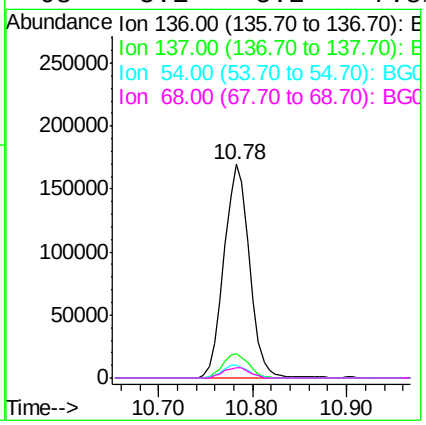


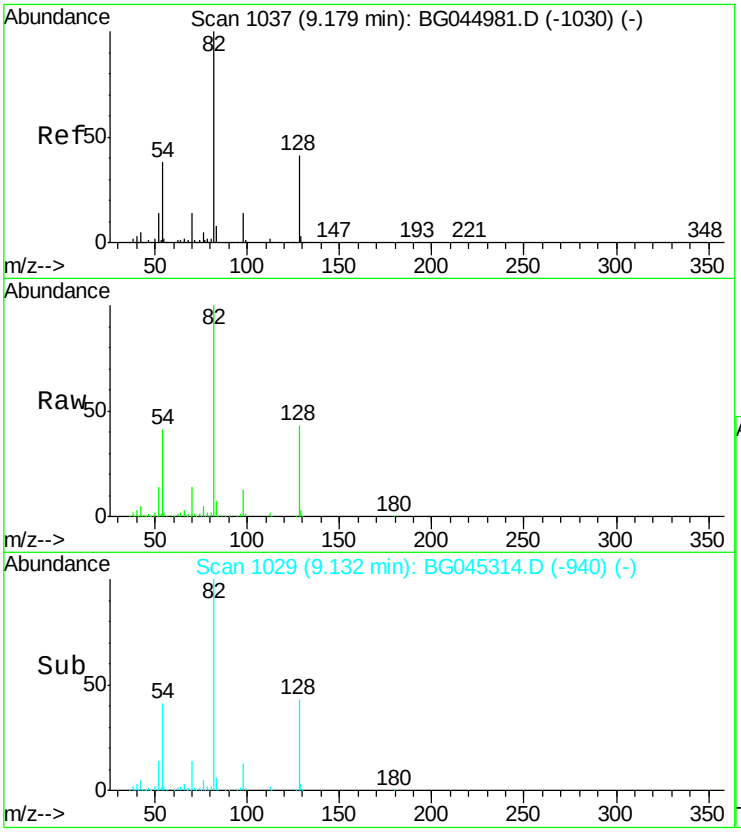


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.78 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG045314.D
Acq: 12 May 2020 4:03

Tgt Ion:136 Resp: 318732

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	6.0	4.8	7.2
68	5.1	5.2	7.8#



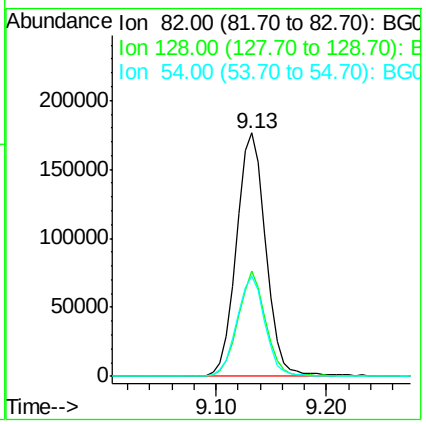


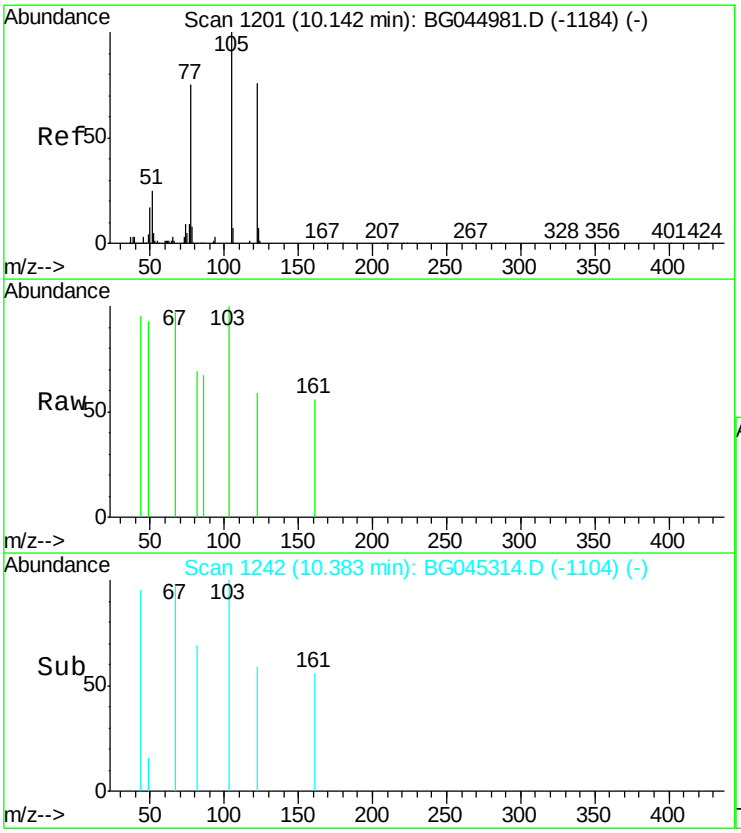
#23
Nitrobenzene-d5
Concen: 47.231 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG045314.D
Acq: 12 May 2020 4:03

Instrument :
BNA_G
ClientSampleId :
TP-12A

Tgt Ion: 82 Resp: 329921

Ion	Ratio	Lower	Upper
82	100		
128	43.3	33.0	49.4
54	41.1	30.4	45.6

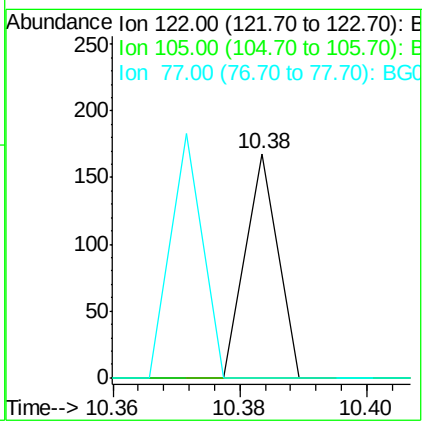


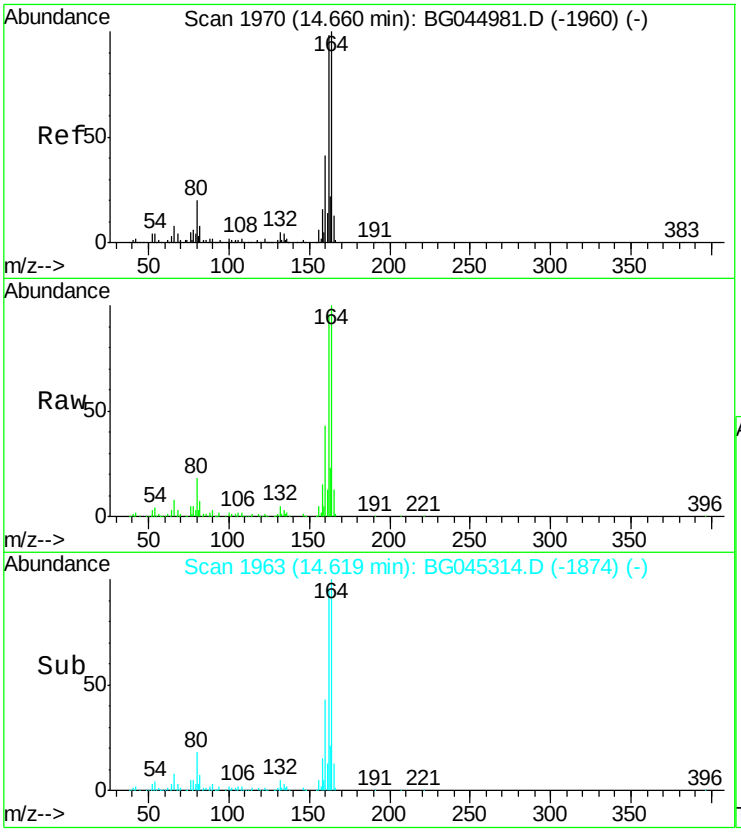


#32
Benzoic acid
Concen: 6.387 ng
RT: 10.38 min Scan# 1242
Delta R.T. 0.28 min
Lab File: BG045314.D
Acq: 12 May 2020 4:03

Tgt Ion:122 Resp: 59

Ion	Ratio	Lower	Upper
122	100		
105	0.0	108.4	148.4#
77	0.0	78.8	118.8#



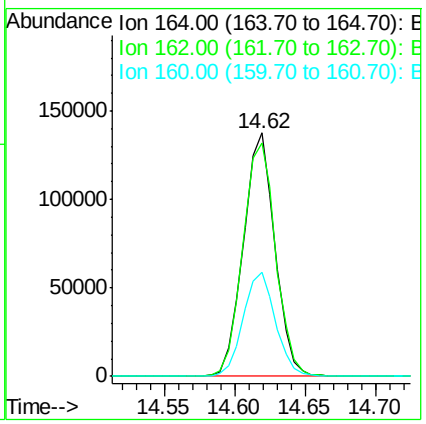


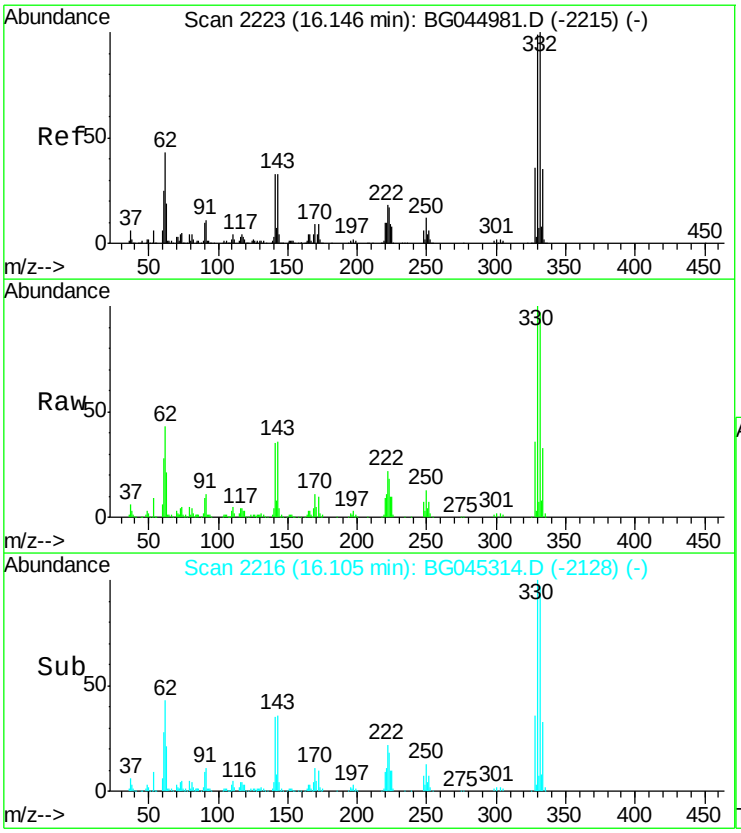
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BG045314.D
Acq: 12 May 2020 4:03

Instrument :
BNA_G
ClientSampleId :
TP-12A

Tgt Ion:164 Resp: 215689

Ion	Ratio	Lower	Upper
164	100		
162	95.7	78.7	118.1
160	42.7	32.8	49.2

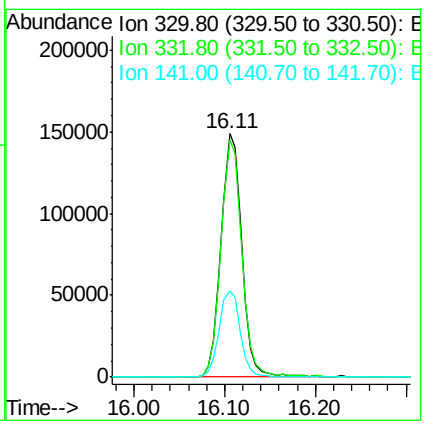


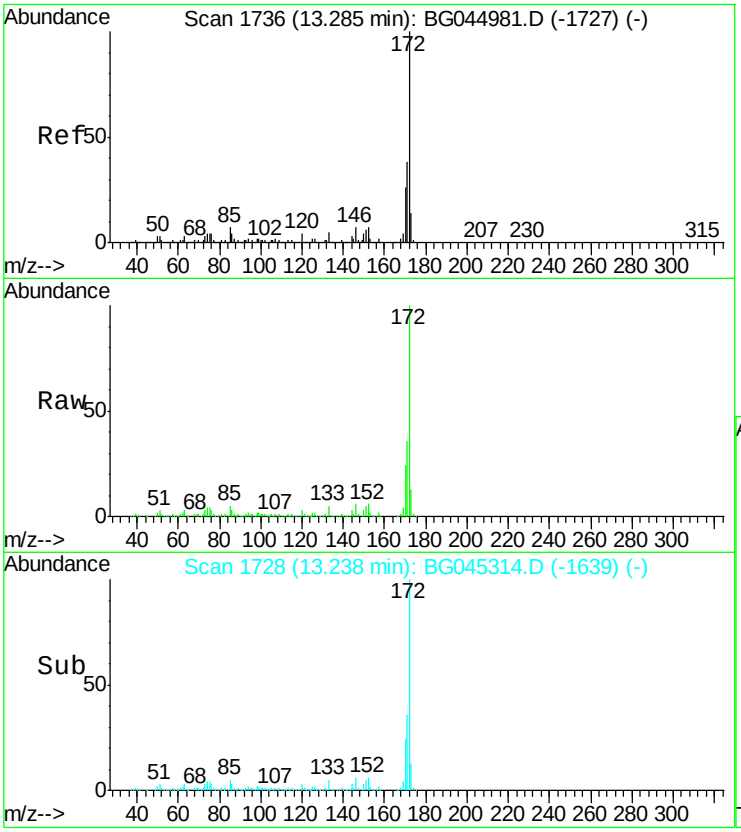


#42
2,4,6-Tribromophenol
Concen: 71.040 ng
RT: 16.11 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BG045314.D
Acq: 12 May 2020 4:03

Tgt Ion:330 Resp: 236713

Ion	Ratio	Lower	Upper
330	100		
332	98.3	79.1	118.7
141	35.7	27.1	40.7



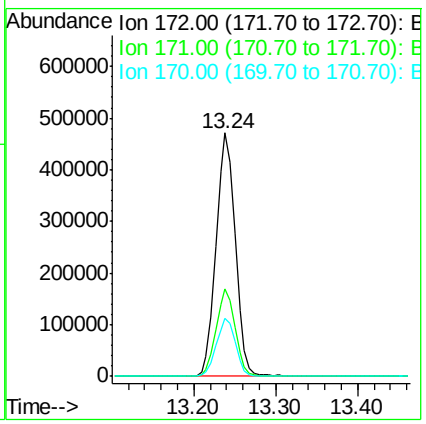


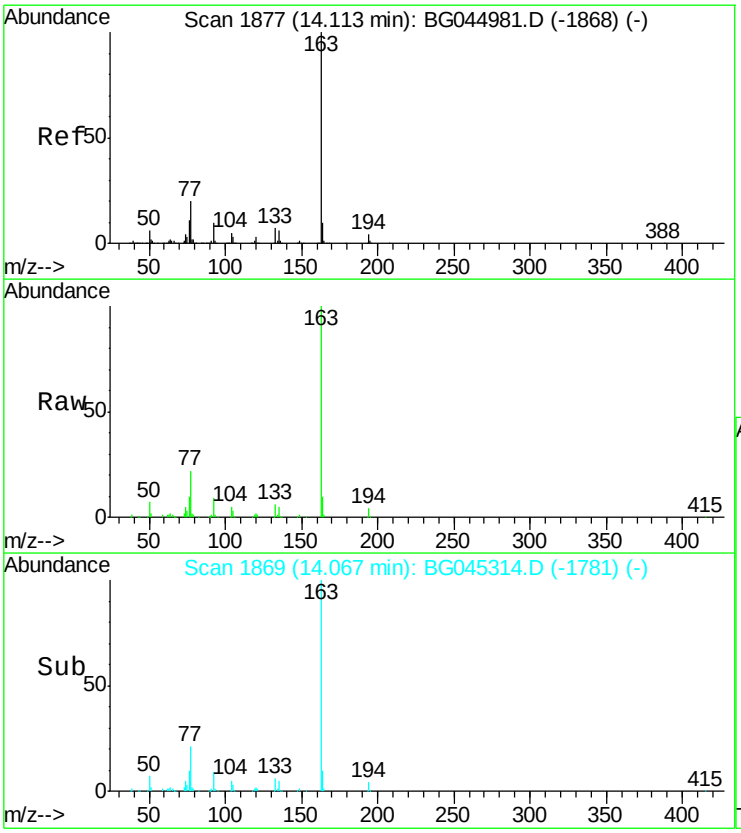
#45
2-Fluorobiphenyl
Concen: 52.691 ng
RT: 13.24 min Scan# 1728
Delta R.T. -0.01 min
Lab File: BG045314.D
Acq: 12 May 2020 4:03

Instrument :
BNA_G
ClientSampleId :
TP-12A

Tgt Ion:172 Resp: 775055

Ion	Ratio	Lower	Upper
172	100		
171	35.7	30.6	46.0
170	23.6	20.5	30.7

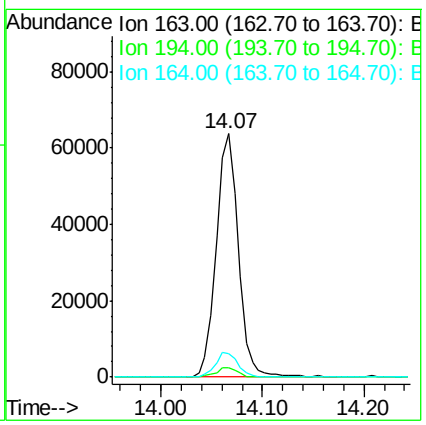


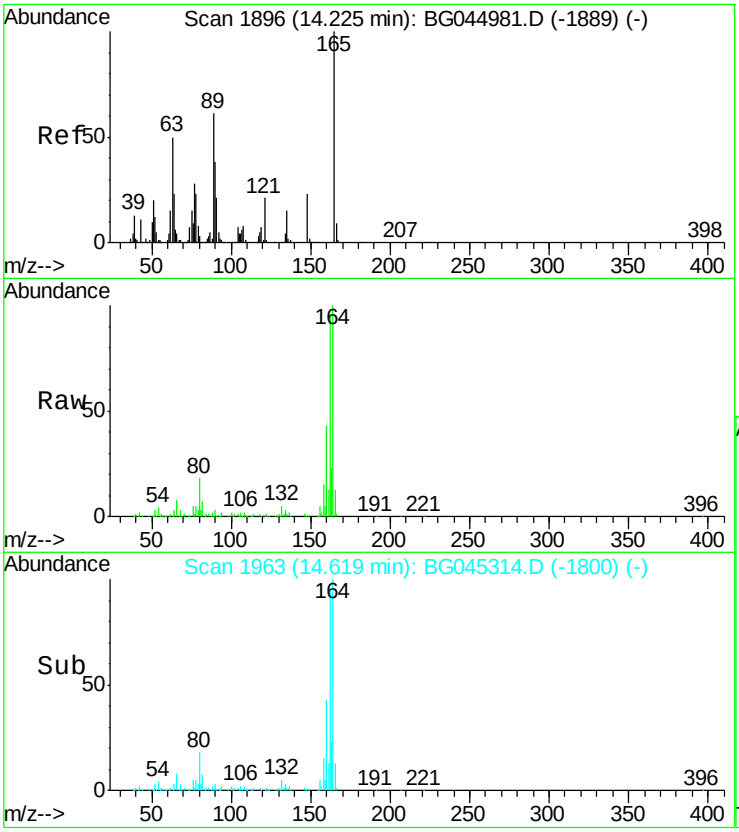


#50
Dimethylphthalate
Concen: 5.514 ng
RT: 14.07 min Scan# 1869
Delta R.T. -0.01 min
Lab File: BG045314.D
Acq: 12 May 2020 4:03

Tgt Ion:163 Resp: 96837

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.5	5.3
164	9.6	8.2	12.4



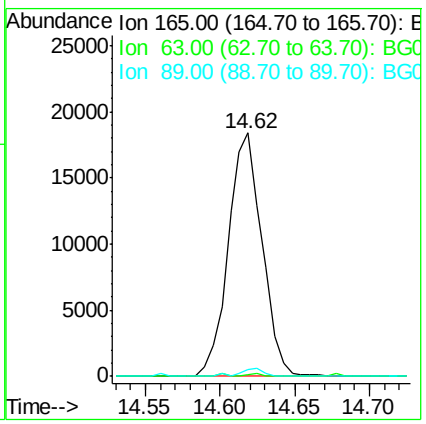


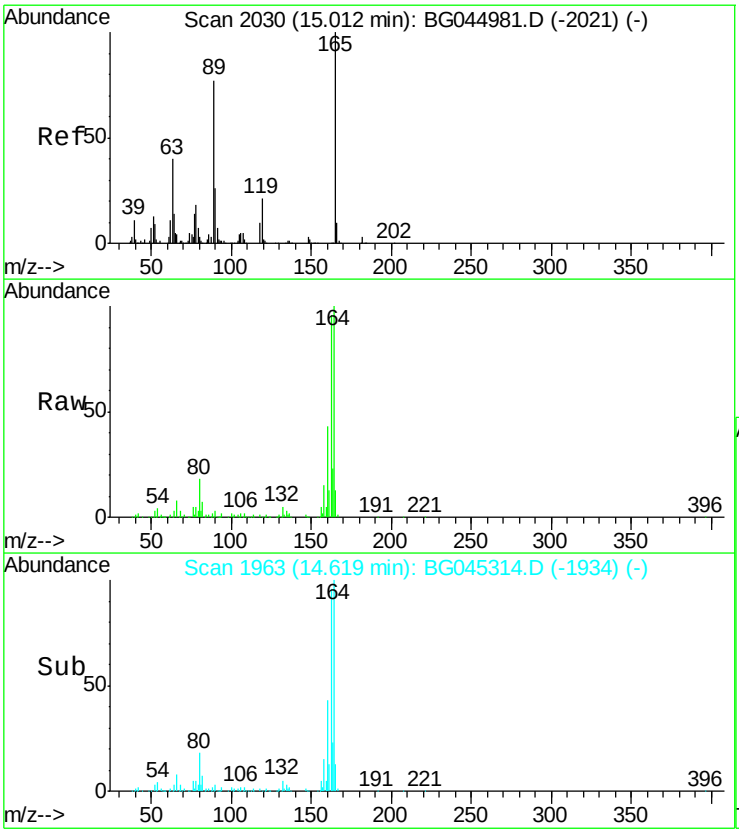
#51
2,6-Dinitrotoluene
Concen: 7.368 ng
RT: 14.62 min Scan# 1963
Delta R.T. 0.43 min
Lab File: BG045314.D
Acq: 12 May 2020 4:03

Instrument :
BNA_G
ClientSampleId :
TP-12A

Tgt Ion:165 Resp: 28943

Ion	Ratio	Lower	Upper
165	100		
63	0.8	40.4	60.6#
89	2.8	49.1	73.7#

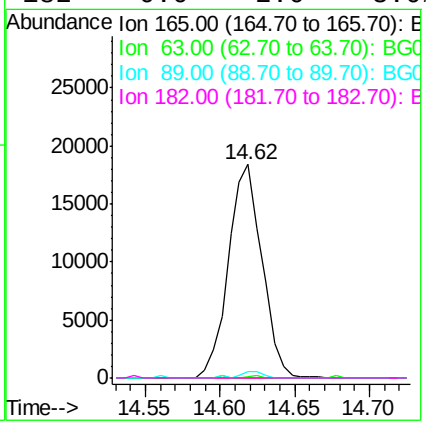


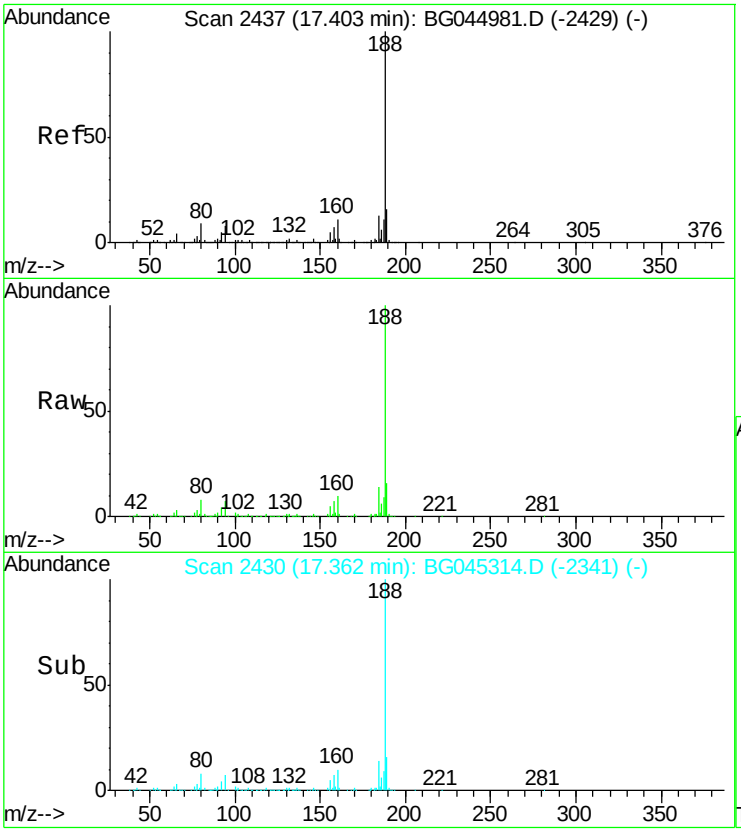


#57
2,4-Dinitrotoluene
Concen: 5.042 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.36 min
Lab File: BG045314.D
Acq: 12 May 2020 4:03

Tgt Ion:165 Resp: 28943

Ion	Ratio	Lower	Upper
165	100		
63	0.8	32.2	48.2#
89	2.8	61.7	92.5#
182	0.0	2.0	3.0#



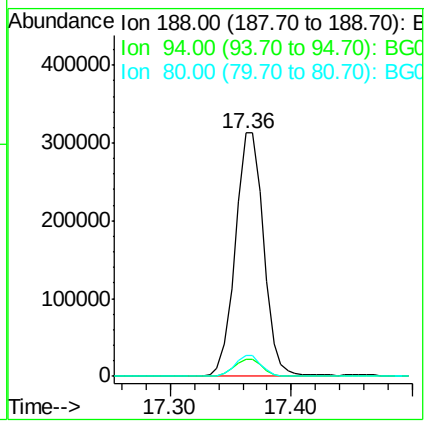


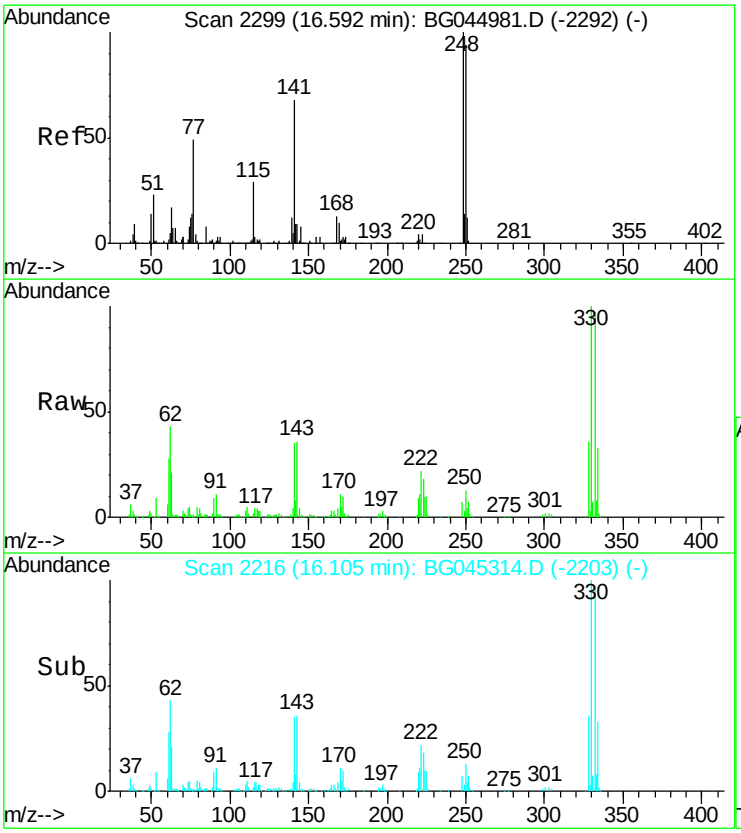
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BG045314.D
Acq: 12 May 2020 4:03

Instrument :
BNA_G
ClientSampleId :
TP-12A

Tgt Ion:188 Resp: 513667

Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.2	9.4
80	8.4	7.0	10.6

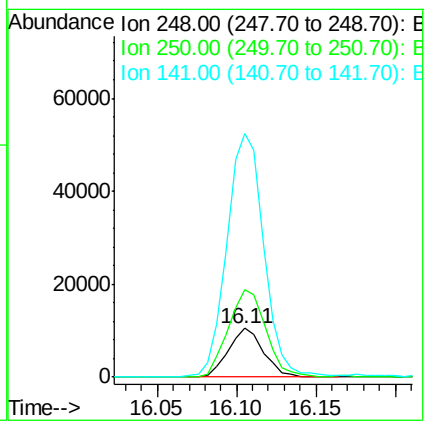


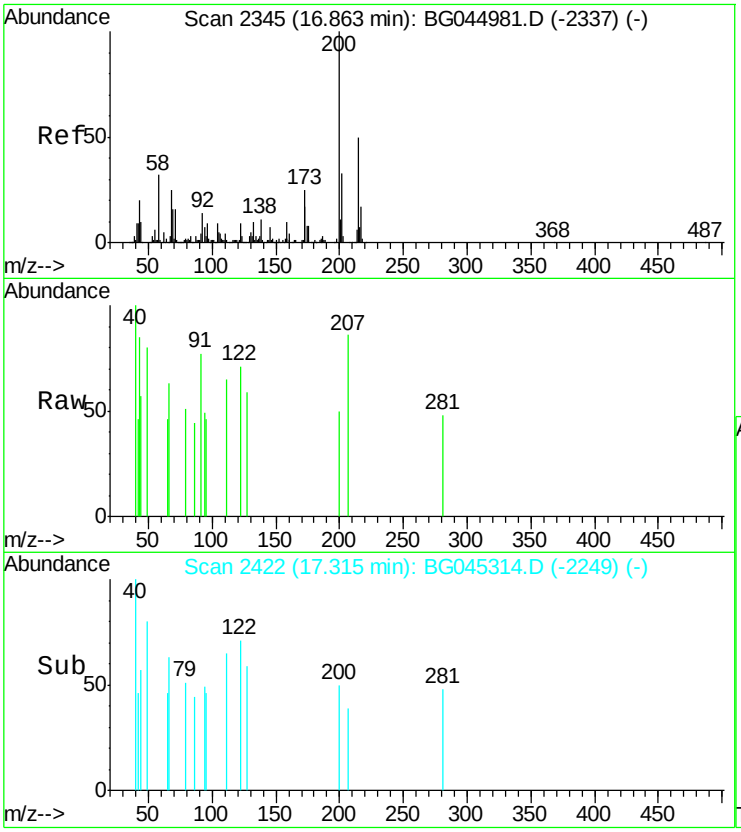


#67
4-Bromophenyl-phenylether
Concen: 2.395 ng
RT: 16.11 min Scan# 2216
Delta R.T. -0.45 min
Lab File: BG045314.D
Acq: 12 May 2020 4:03

Tgt Ion:248 Resp: 15874

Ion	Ratio	Lower	Upper
248	100		
250	180.6	75.4	113.2#
141	501.3	54.4	81.6#



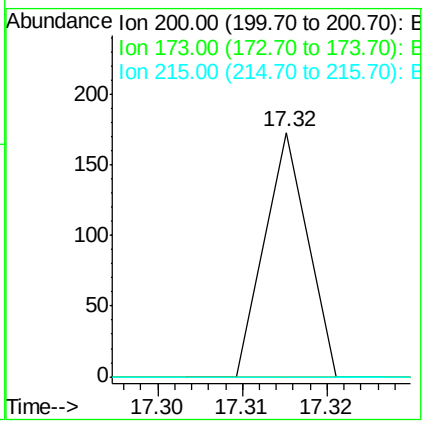


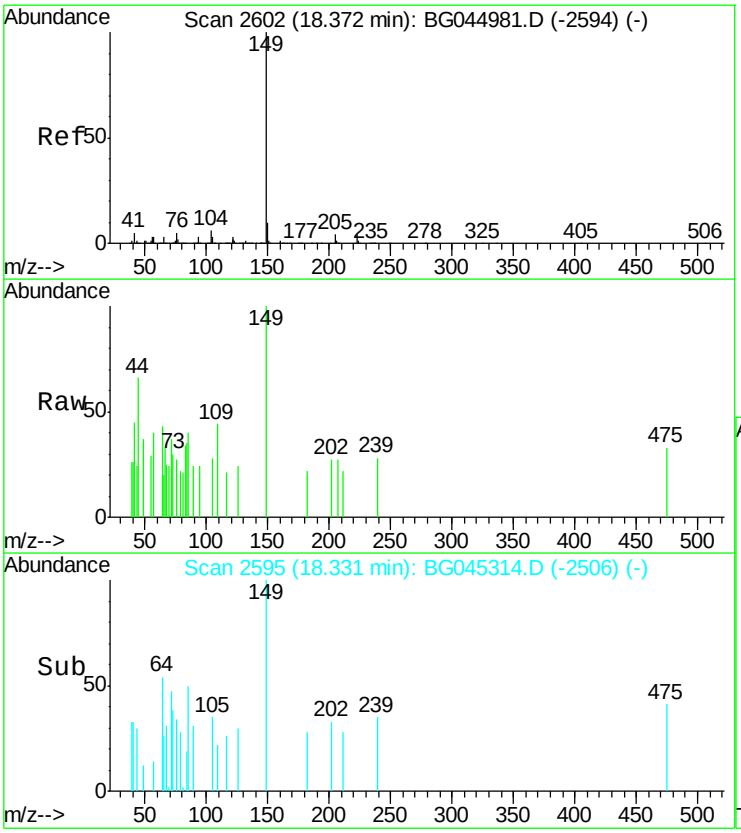
#69
Atrazine
Concen: Below Cal
RT: 17.32 min Scan# 2422
Delta R.T. 0.49 min
Lab File: BG045314.D
Acq: 12 May 2020 4:03

Instrument :
BNA_G
ClientSampleId :
TP-12A

Tgt Ion:200 Resp: 61

Ion	Ratio	Lower	Upper
200	100		
173	0.0	4.5	44.5#
215	0.0	30.0	70.0#

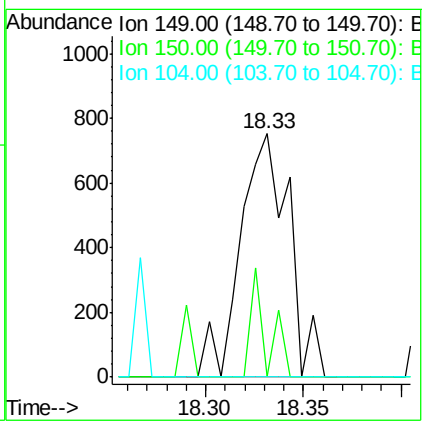


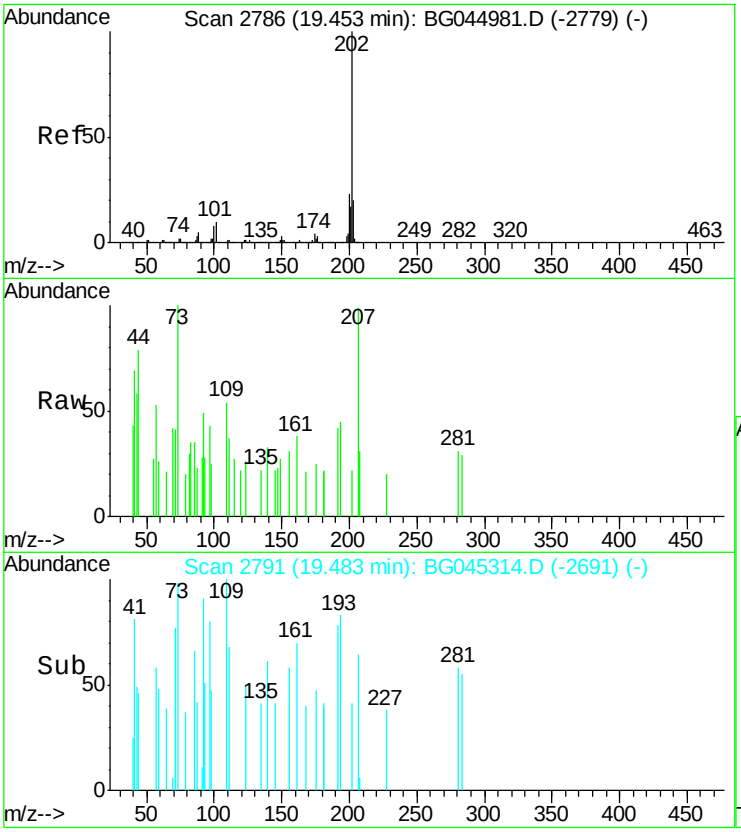


#74
Di-n-butylphthalate
Concen: Below Cal
RT: 18.33 min Scan# 2595
Delta R.T. -0.01 min
Lab File: BG045314.D
Acq: 12 May 2020 4:03

Tgt Ion:149 Resp: 1287

Ion	Ratio	Lower	Upper
149	100		
150	0.0	8.2	12.2#
104	0.0	4.8	7.2#



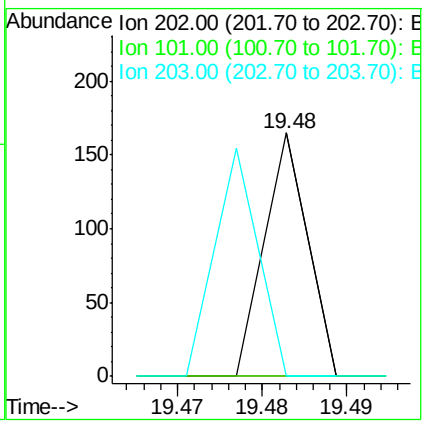


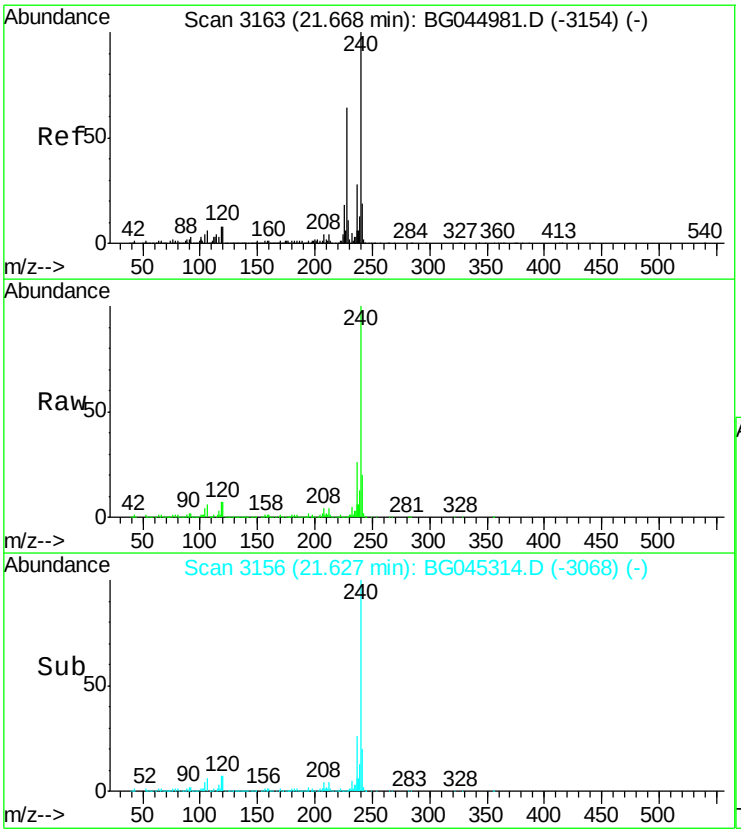
#75
Fluoranthene
Concen: Below Cal
RT: 19.48 min Scan# 2791
Delta R.T. 0.06 min
Lab File: BG045314.D
Acq: 12 May 2020 4:03

Instrument :
BNA_G
ClientSampleId :
TP-12A

Tgt Ion:202 Resp: 58

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	29.6
203	0.0	0.0	39.7

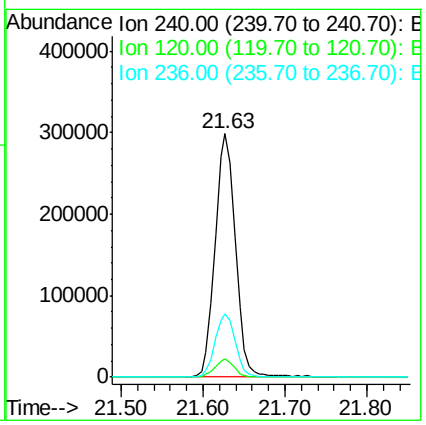


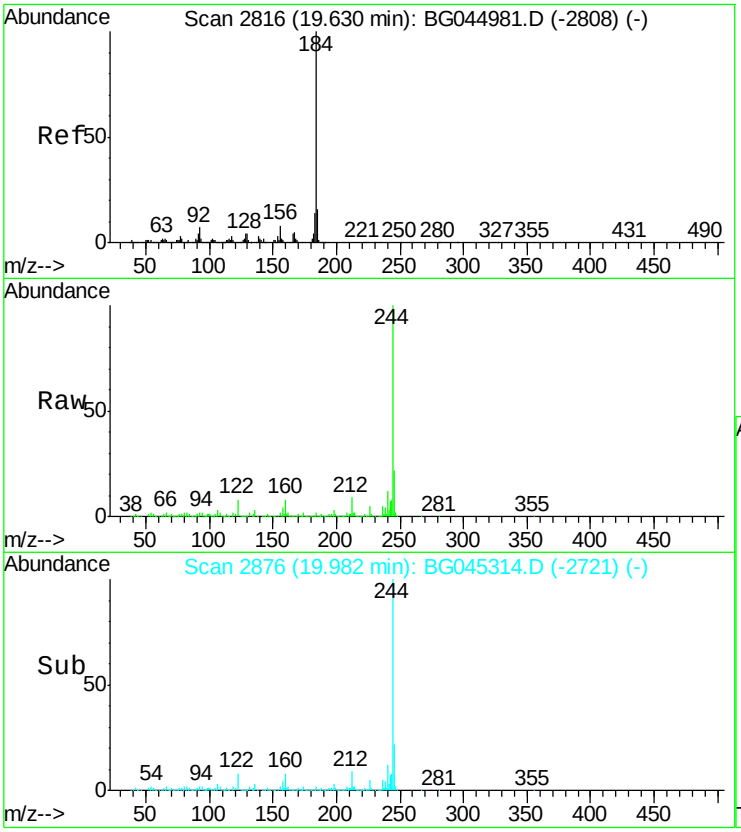


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG045314.D
Acq: 12 May 2020 4:03

Tgt Ion:240 Resp: 520439

Ion	Ratio	Lower	Upper
240	100		
120	7.4	6.6	10.0
236	26.0	22.2	33.2



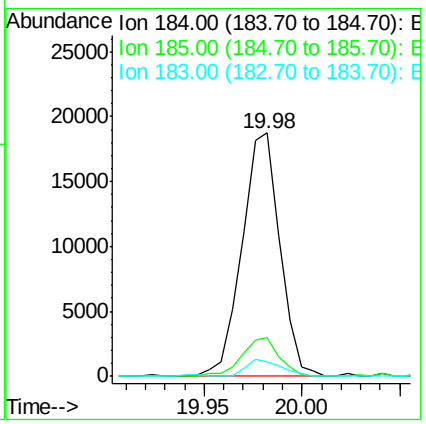


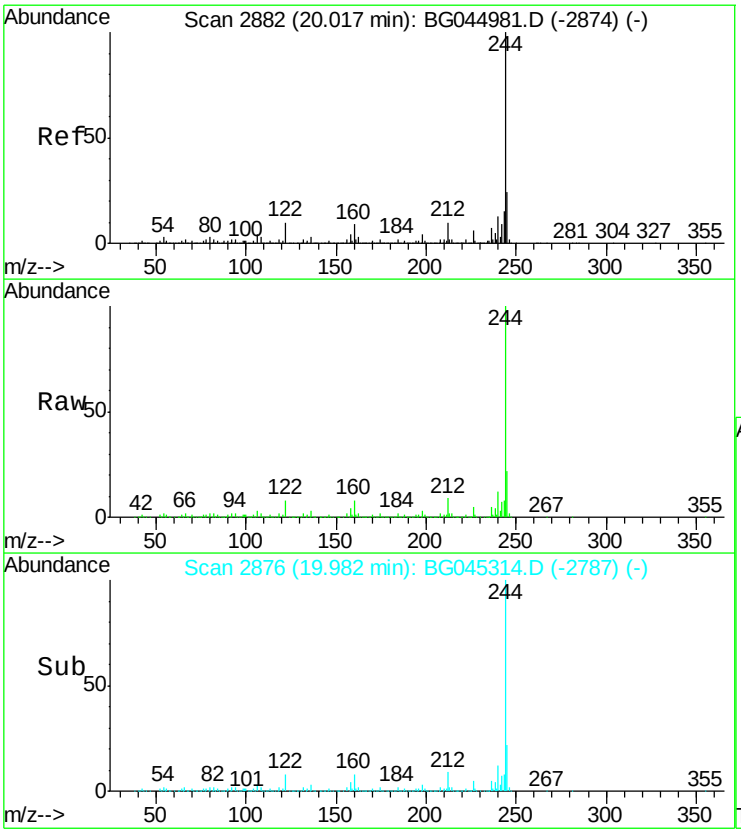
#77
Benzidine
Concen: Below Cal
RT: 19.98 min Scan# 2876
Delta R.T. 0.38 min
Lab File: BG045314.D
Acq: 12 May 2020 4:03

Instrument :
BNA_G
ClientSampleId :
TP-12A

Tgt Ion:184 Resp: 25181

Ion	Ratio	Lower	Upper
184	100		
185	16.1	12.6	19.0
183	6.1	11.3	16.9#

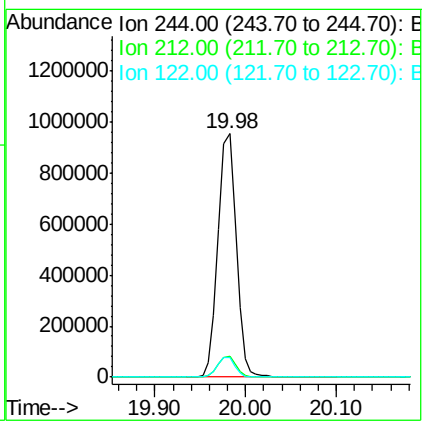


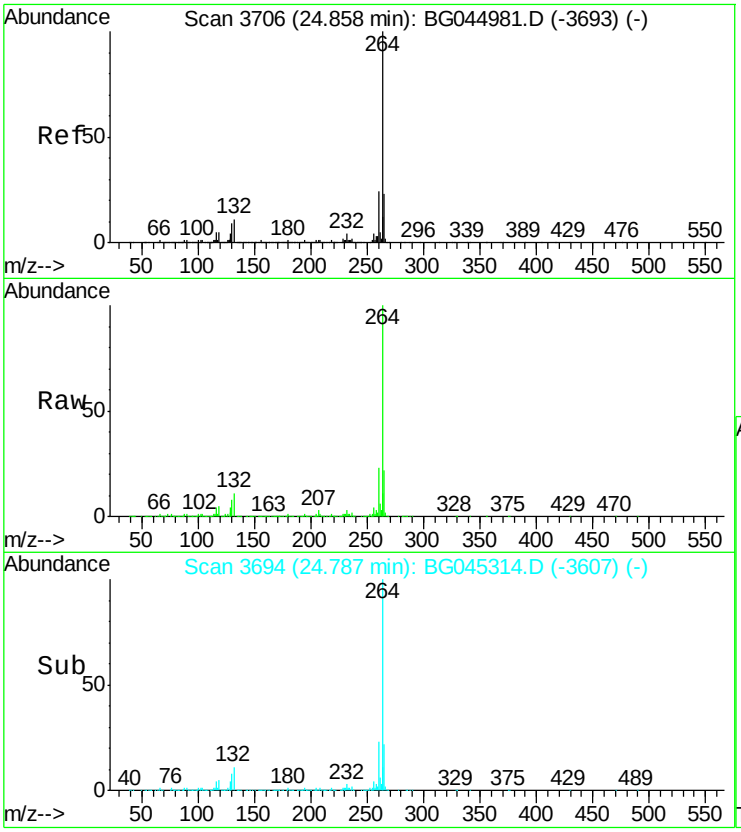


#79
Terphenyl-d14
Concen: 56.098 ng
RT: 19.98 min Scan# 2876
Delta R.T. -0.01 min
Lab File: BG045314.D
Acq: 12 May 2020 4:03

Tgt Ion:244 Resp: 1339512

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.9	11.9
122	7.8	7.7	11.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.79 min Scan# 3694
Delta R.T. -0.02 min
Lab File: BG045314.D
Acq: 12 May 2020 4:03

Instrument :
BNA_G
ClientSampleId :
TP-12A

Tgt Ion:264 Resp: 556687

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.9	19.0	28.4