Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042020\
Data File : BG045103.D
Acq On : 20 Apr 2020 19:43
Operator : CG/JU
Sample : L2346-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 21 04:54:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 20 11:57:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	67996	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	293920	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	214974	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	496238	20.00	ng		0.00
76) Chrysene-d12	21.67	240	452525	20.00	ng		0.00
87) Perylene-d12	24.86	264	481043	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	269065	65.33	ng		0.00
7) Phenol-d6	7.19	99	420014	68.64	ng		-0.01
23) Nitrobenzene-d5	9.18	82	299602	46.51	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	236759	71.29	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	724437	49.41	ng		0.00
79) Terphenyl-d14	20.01	244	1188216	57.23	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	7.14	77	63	Below Cal		#	4
19) n-Nitroso-di-n-propylamine	9.18	70	39221	9.063	ng	#	82
32) Benzoic acid	10.26	122	75	6.392	ng	#	1
50) Dimethylphthalate	14.10	163	95124	5.434	ng		97
57) 2,4-Dinitrotoluene	14.65	165	27450	4.798	ng	#	24
67) 4-Bromophenyl-phenylether	16.15	248	15317	2.393	ng	#	1
69) Atrazine	16.85	200	65	Below Cal		#	35
74) Di-n-butylphthalate	18.37	149	1210	Below Cal		#	60
75) Fluoranthene	19.45	202	412	Below Cal			62
77) Benzidine	20.01	184	20748	Below Cal		#	90

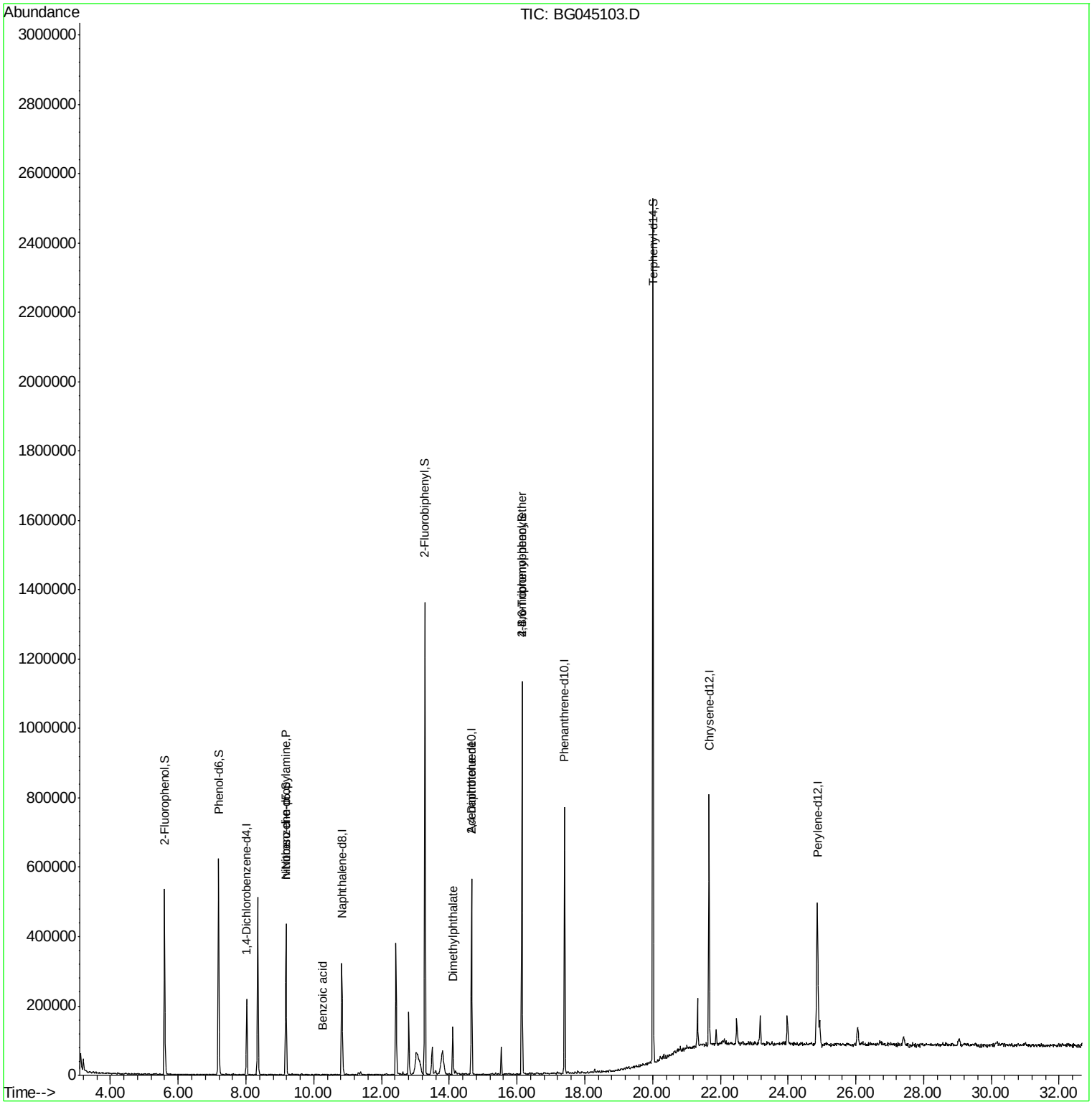
(#) = qualifier out of range (m) = manual integration (+) = signals summed

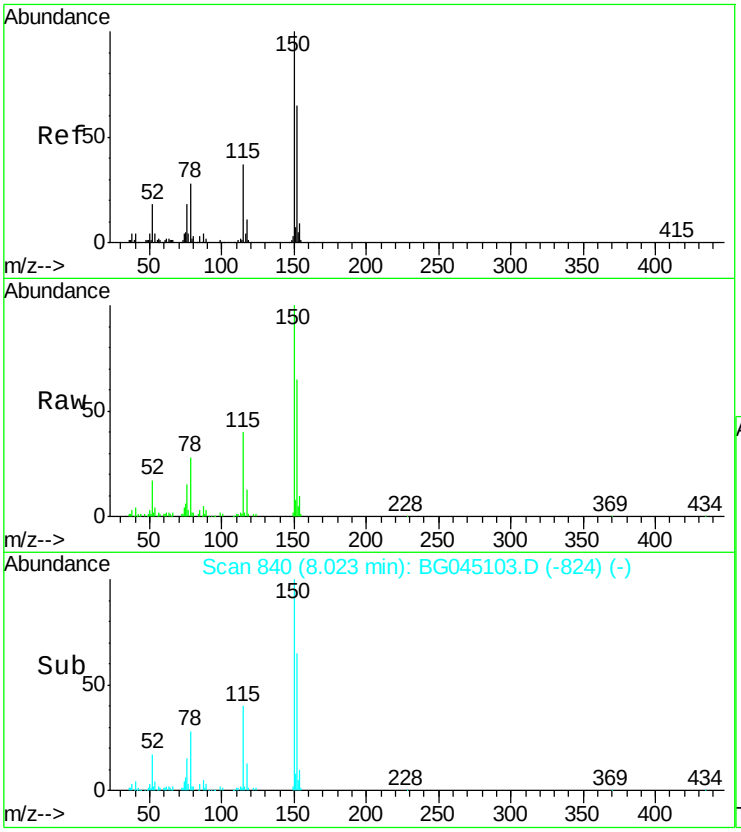
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042020\
Data File : BG045103.D
Acq On : 20 Apr 2020 19:43
Operator : CG/JU
Sample : L2346-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 21 04:54:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 20 11:57:28 2020
Response via : Initial Calibration



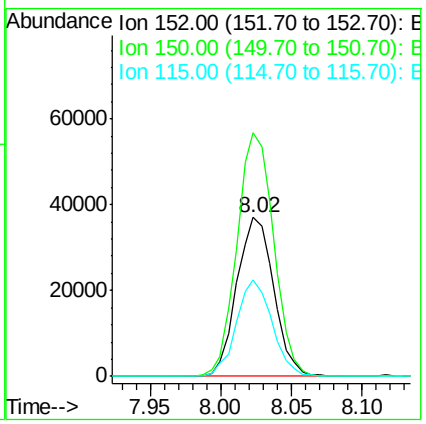


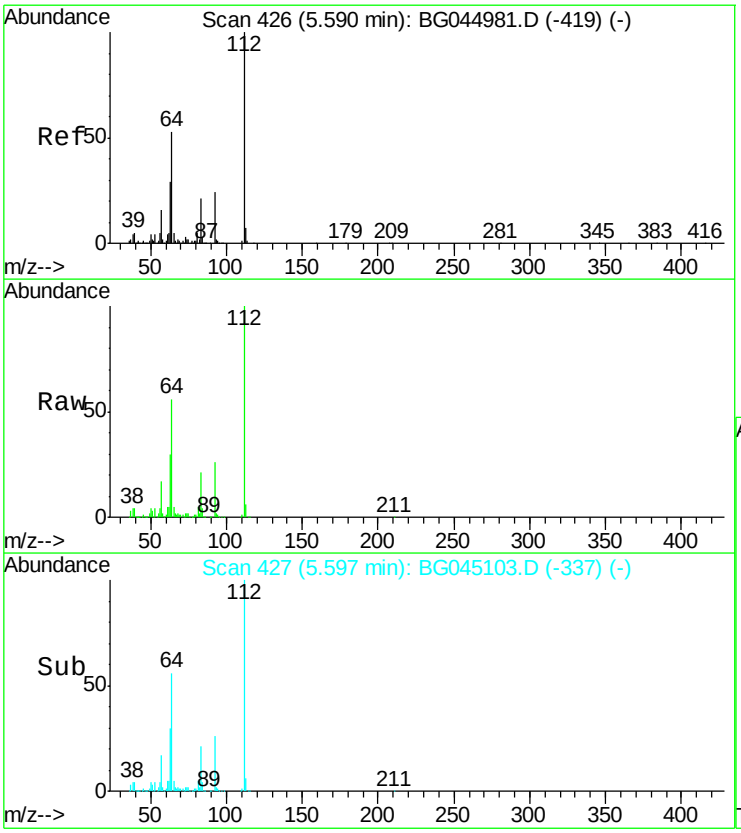
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG045103.D
Acq: 20 Apr 2020 19:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 67996

Ion	Ratio	Lower	Upper
152	100		
150	153.2	123.6	185.4
115	60.7	49.1	73.7

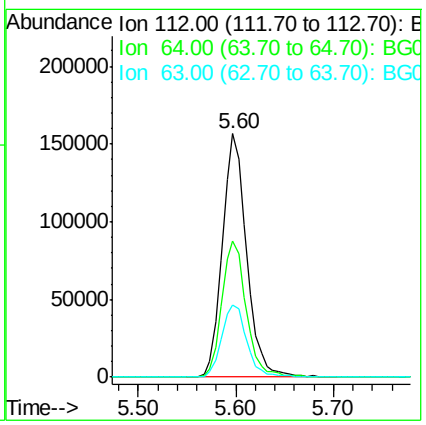


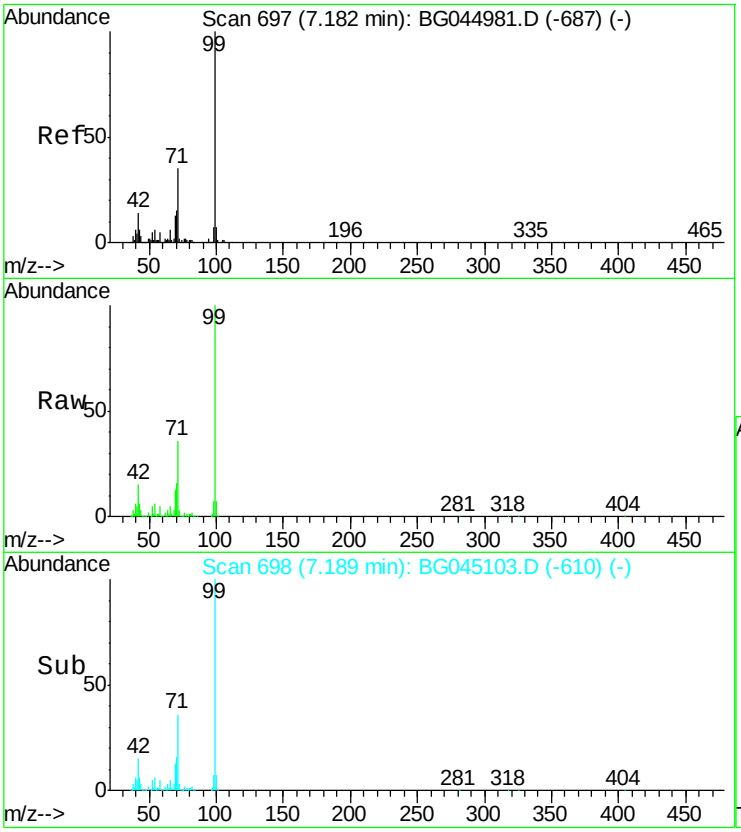


#5
2-Fluorophenol
Concen: 65.329 ng
RT: 5.60 min Scan# 427
Delta R.T. 0.00 min
Lab File: BG045103.D
Acq: 20 Apr 2020 19:43

Tgt Ion:112 Resp: 269065

Ion	Ratio	Lower	Upper
112	100		
64	55.8	42.4	63.6
63	29.7	23.1	34.7



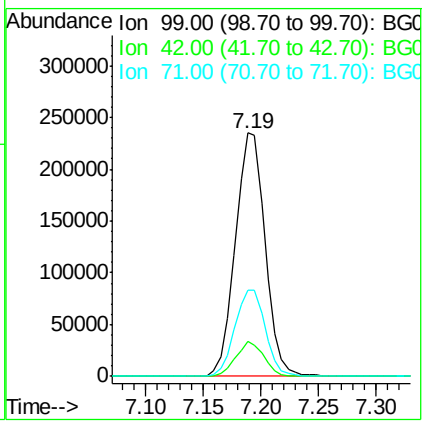


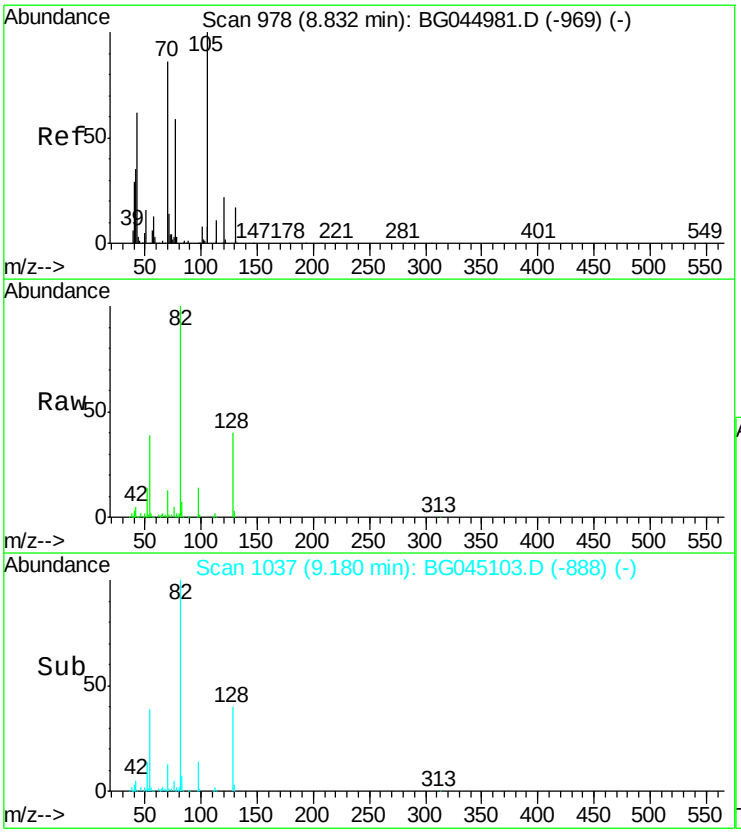
#7
Phenol-d6
Concen: 68.638 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.01 min
Lab File: BG045103.D
Acq: 20 Apr 2020 19:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 420014

Ion	Ratio	Lower	Upper
99	100		
42	14.6	11.3	16.9
71	35.6	28.3	42.5

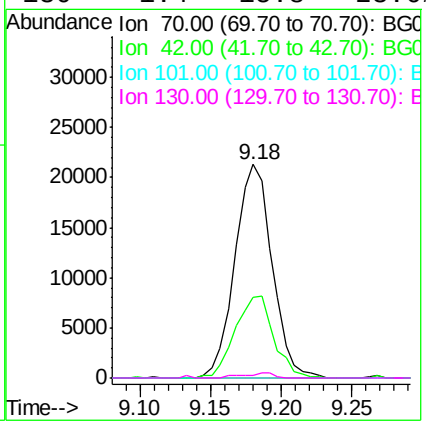


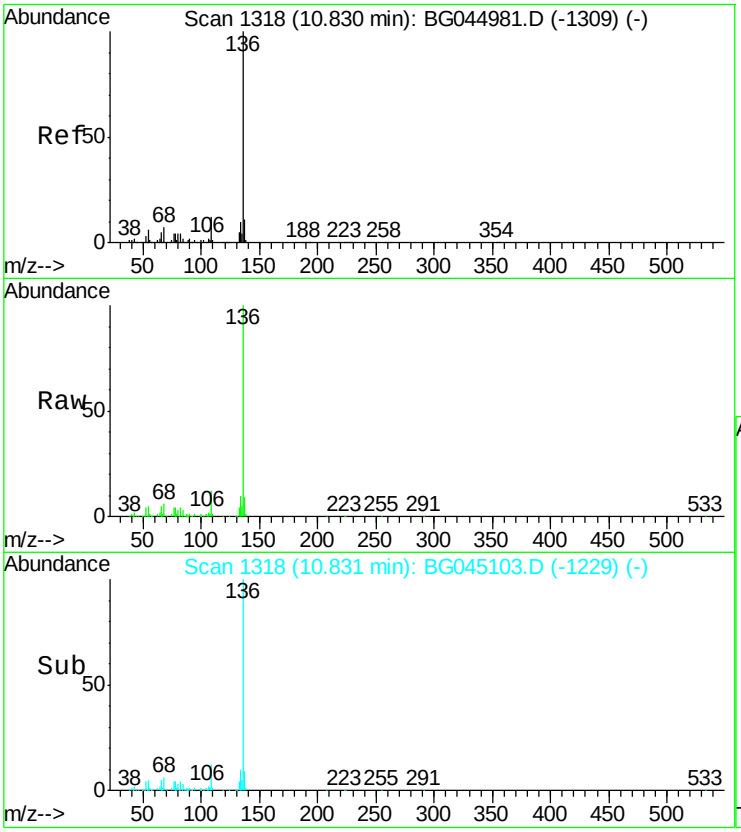


#19
n-Nitroso-di-n-propylamine
Concen: 9.063 ng
RT: 9.18 min Scan# 1037
Delta R.T. 0.35 min
Lab File: BG045103.D
Acq: 20 Apr 2020 19:43

Tgt Ion: 70 Resp: 39221

Ion	Ratio	Lower	Upper
70	100		
42	38.0	33.3	49.9
101	0.0	7.8	11.8#
130	1.4	15.8	23.6#



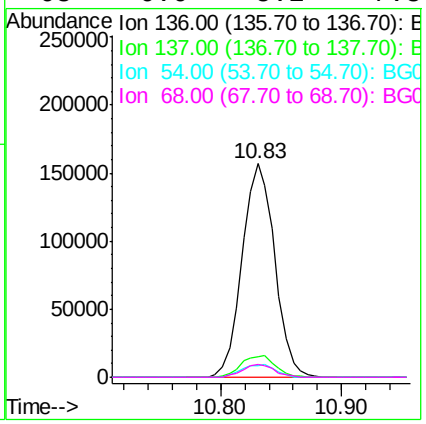


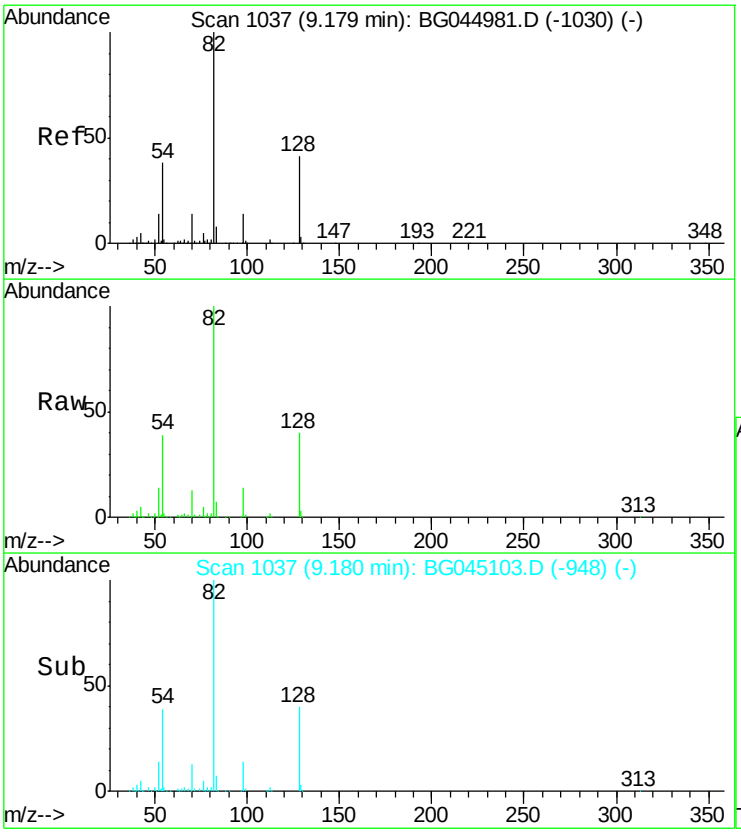
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG045103.D
Acq: 20 Apr 2020 19:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 293920

Ion	Ratio	Lower	Upper
136	100		
137	9.5	8.6	13.0
54	5.3	4.8	7.2
68	6.0	5.2	7.8

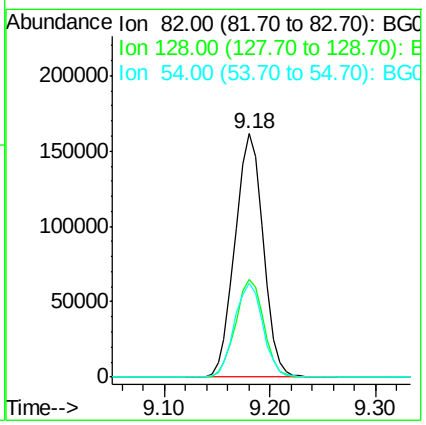


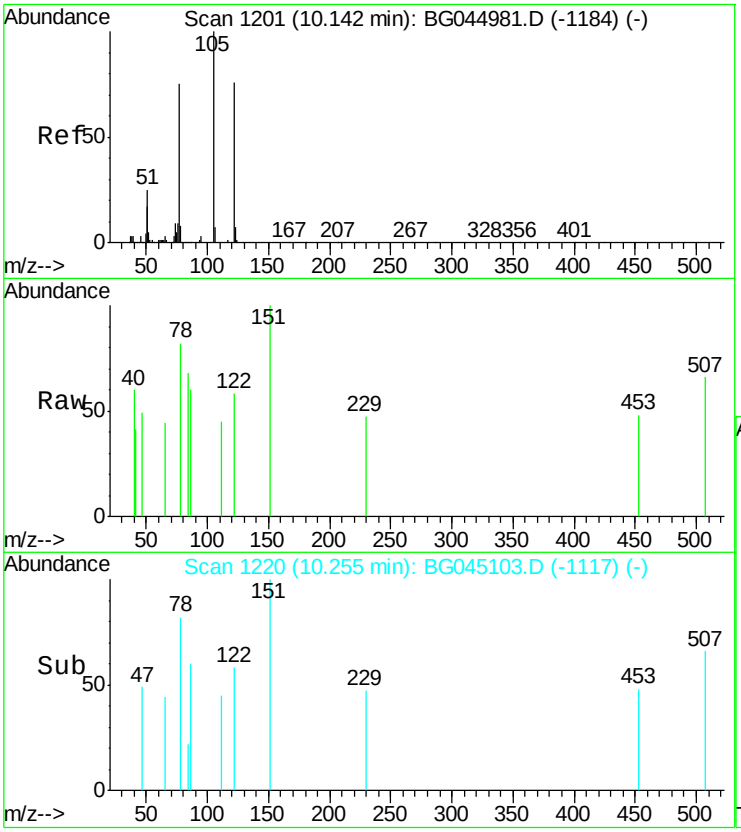


#23
Nitrobenzene-d5
Concen: 46.511 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG045103.D
Acq: 20 Apr 2020 19:43

Tgt Ion: 82 Resp: 299602

Ion	Ratio	Lower	Upper
82	100		
128	40.2	33.0	49.4
54	38.6	30.4	45.6



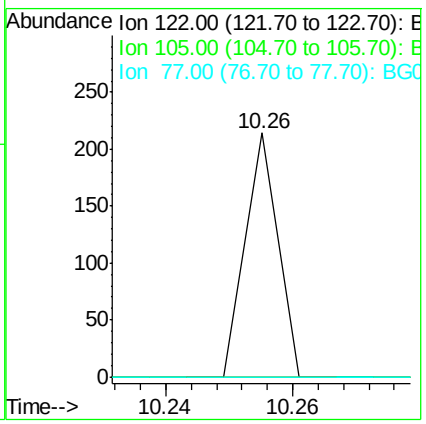


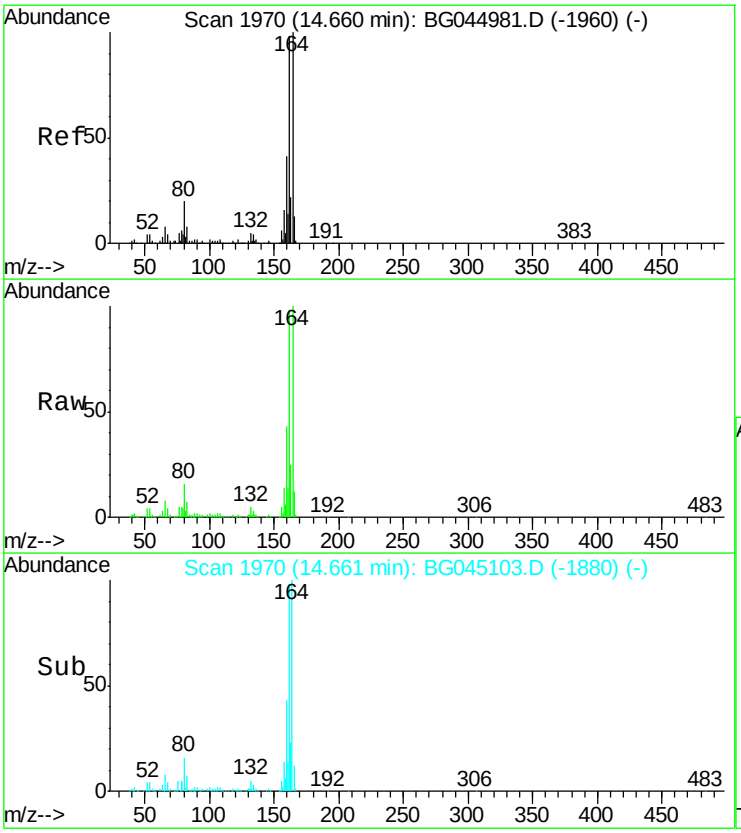
#32
Benzoic acid
Concen: 6.392 ng
RT: 10.26 min Scan# 1220
Delta R.T. 0.08 min
Lab File: BG045103.D
Acq: 20 Apr 2020 19:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 75

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

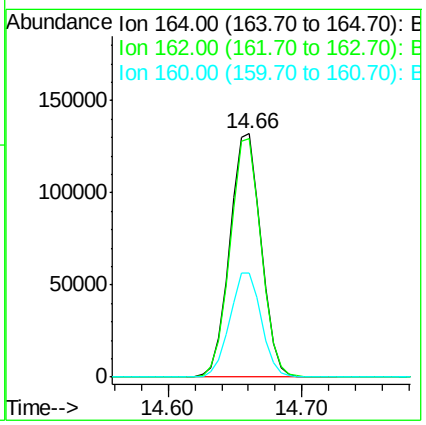


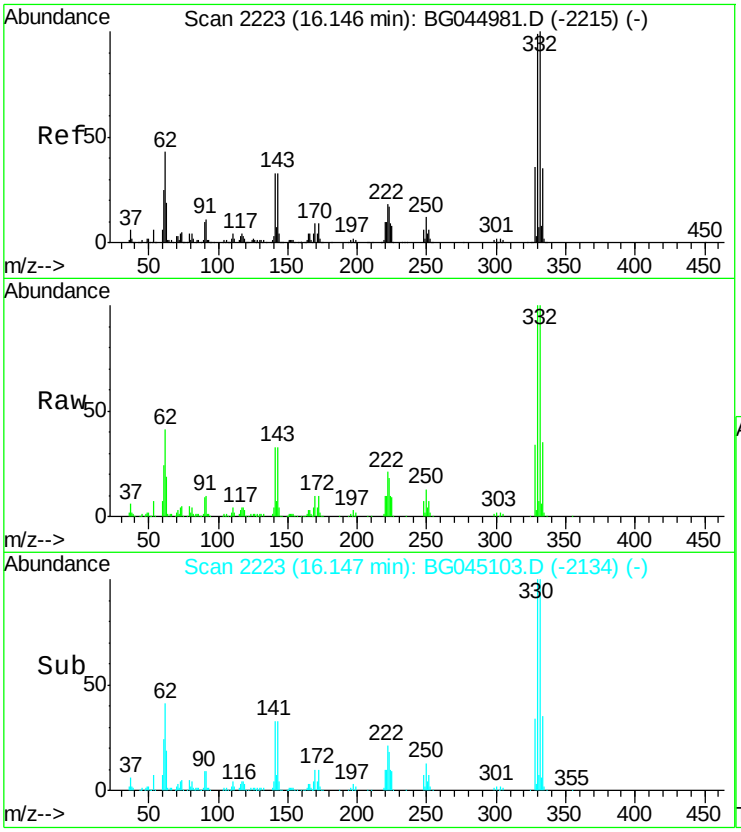


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BG045103.D
Acq: 20 Apr 2020 19:43

Tgt Ion:164 Resp: 214974

Ion	Ratio	Lower	Upper
164	100		
162	98.1	78.7	118.1
160	42.9	32.8	49.2



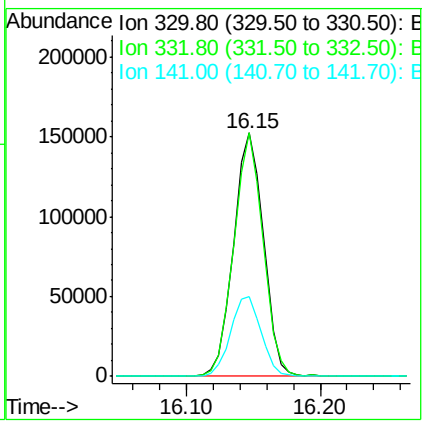


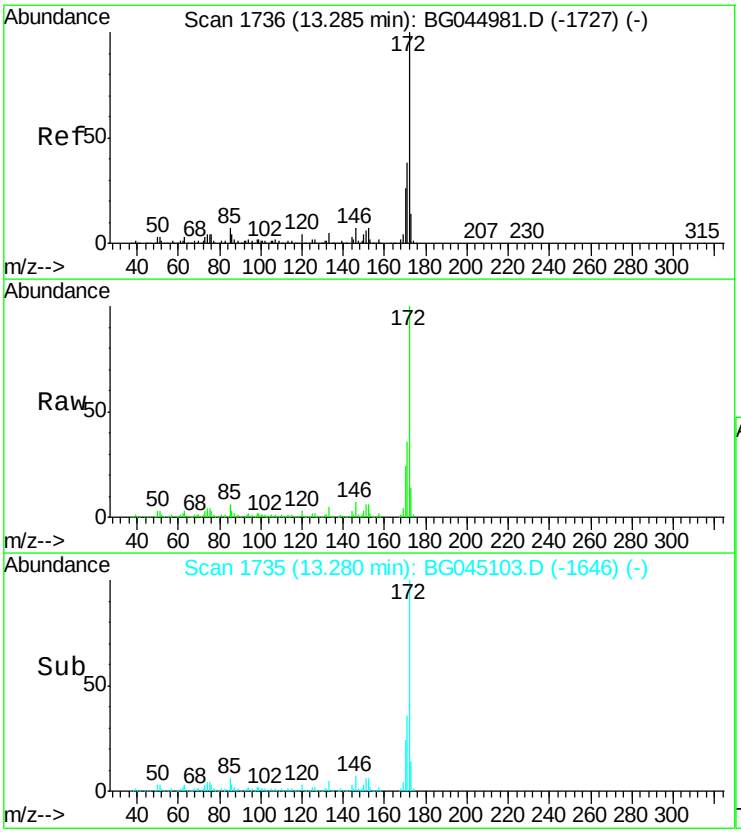
#42
2,4,6-Tribromophenol
Concen: 71.290 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG045103.D
Acq: 20 Apr 2020 19:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 236759

Ion	Ratio	Lower	Upper
330	100		
332	97.7	79.1	118.7
141	33.8	27.1	40.7

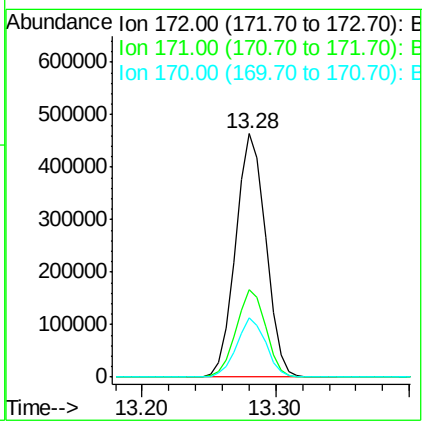


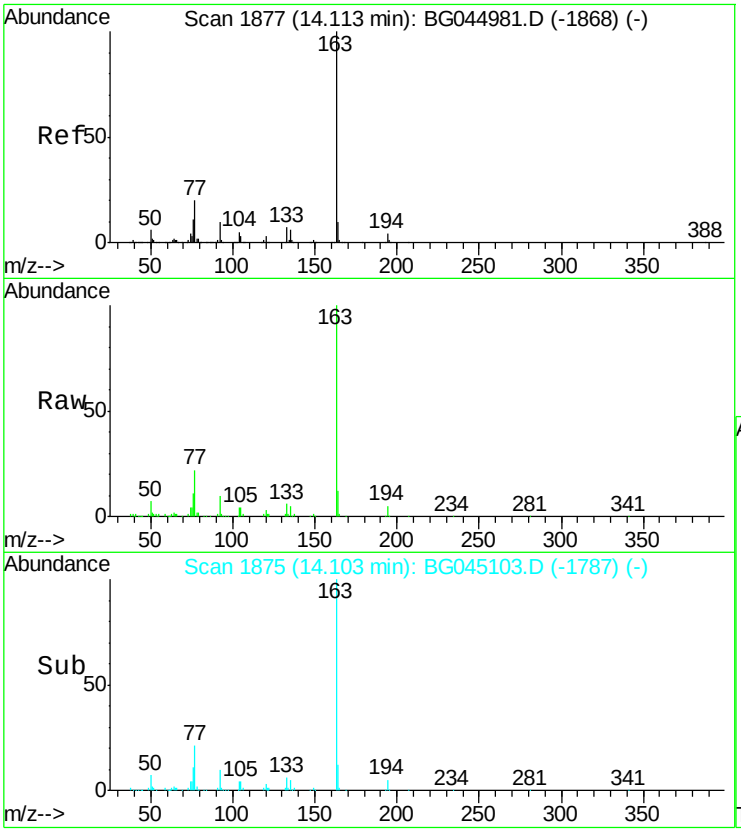


#45
2-Fluorobiphenyl
Concen: 49.413 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.01 min
Lab File: BG045103.D
Acq: 20 Apr 2020 19:43

Tgt Ion:172 Resp: 724437

Ion	Ratio	Lower	Upper
172	100		
171	35.8	30.6	46.0
170	24.1	20.5	30.7



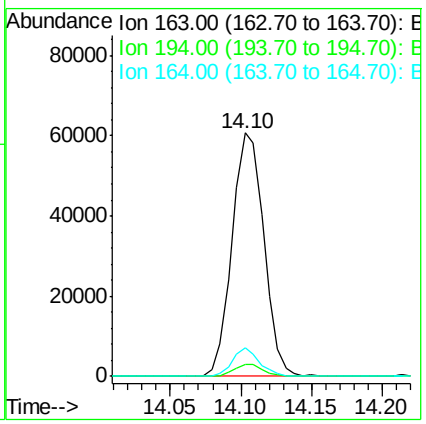


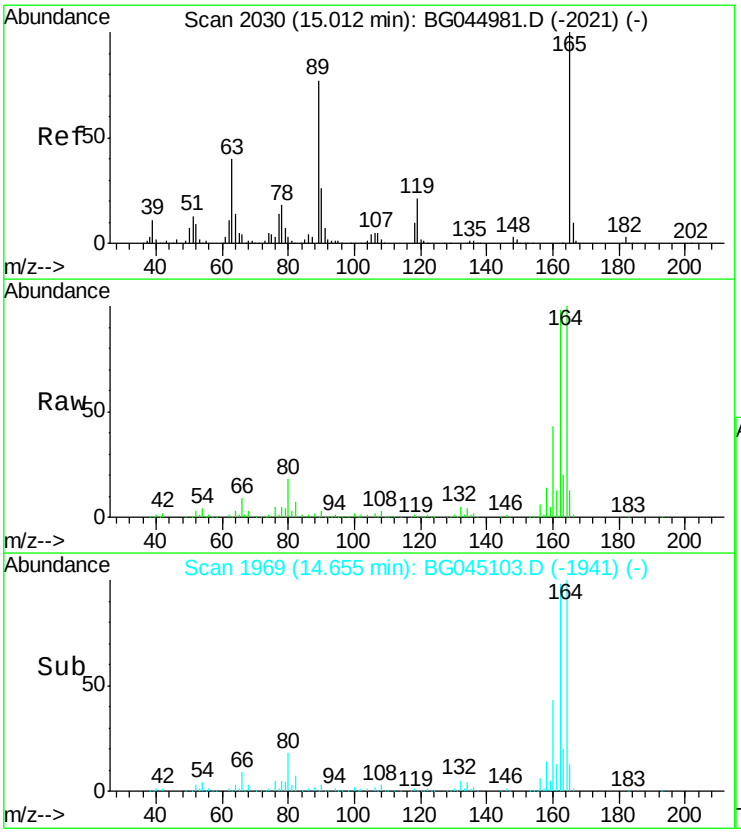
#50
Dimethylphthalate
Concen: 5.434 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG045103.D
Acq: 20 Apr 2020 19:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 95124

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.5	5.3
164	11.5	8.2	12.4

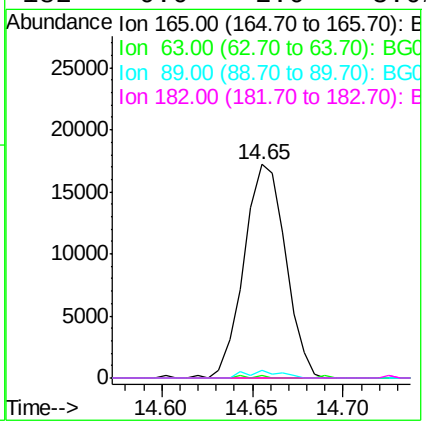


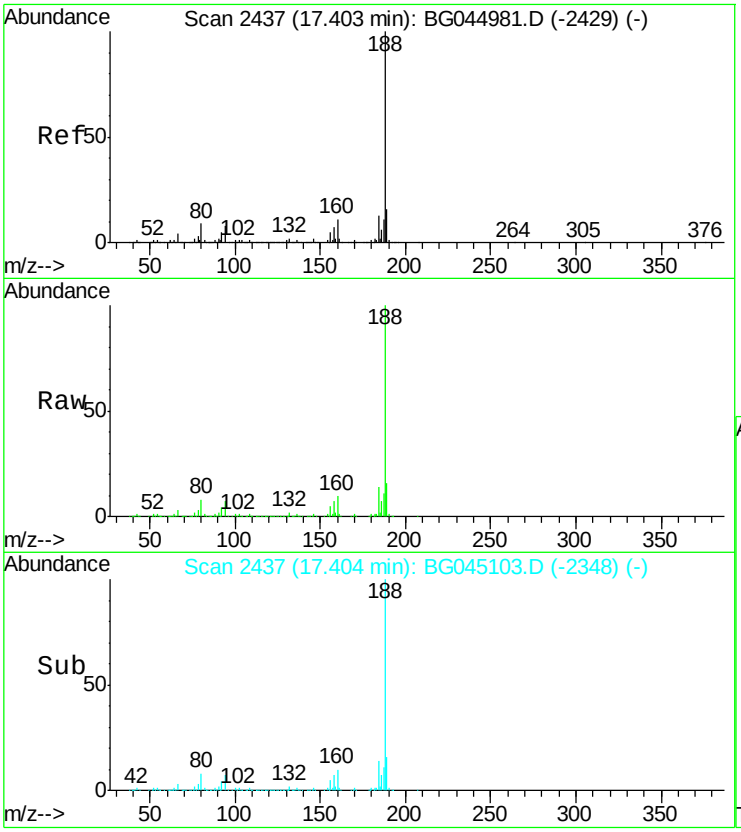


#57
2,4-Dinitrotoluene
Concen: 4.798 ng
RT: 14.65 min Scan# 1969
Delta R.T. -0.36 min
Lab File: BG045103.D
Acq: 20 Apr 2020 19:43

Tgt Ion:165 Resp: 27450

Ion	Ratio	Lower	Upper
165	100		
63	1.1	32.2	48.2#
89	3.5	61.7	92.5#
182	0.0	2.0	3.0#



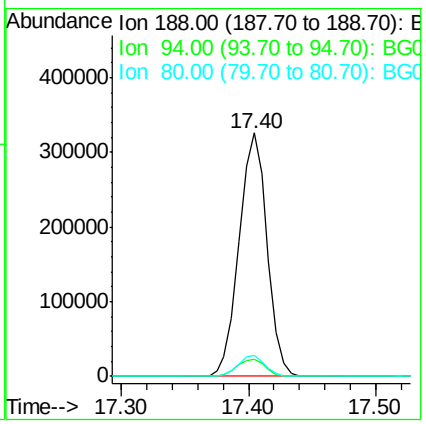


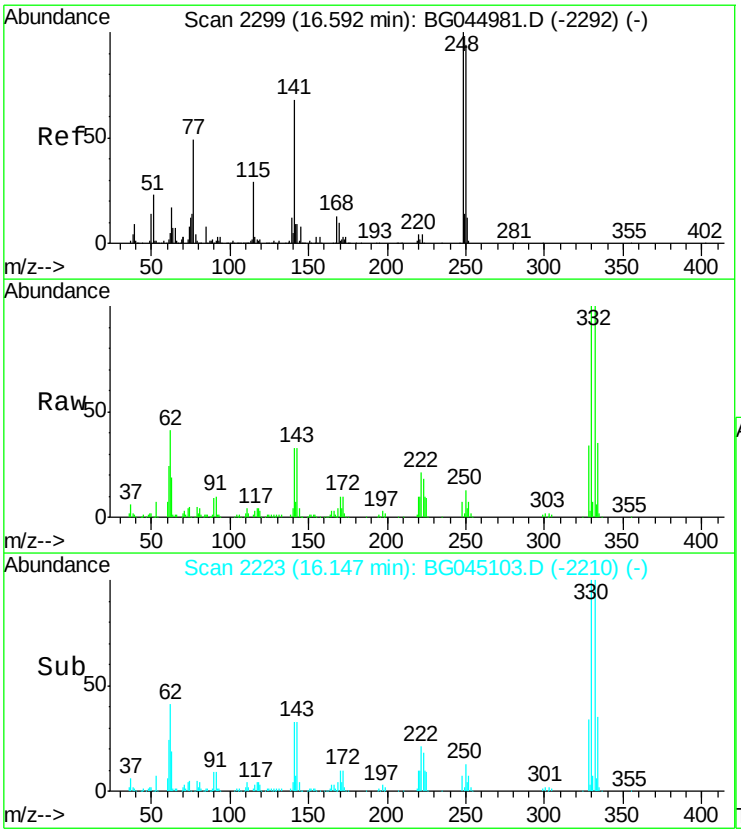
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG045103.D
Acq: 20 Apr 2020 19:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 496238

Ion	Ratio	Lower	Upper
188	100		
94	6.8	6.2	9.4
80	8.4	7.0	10.6

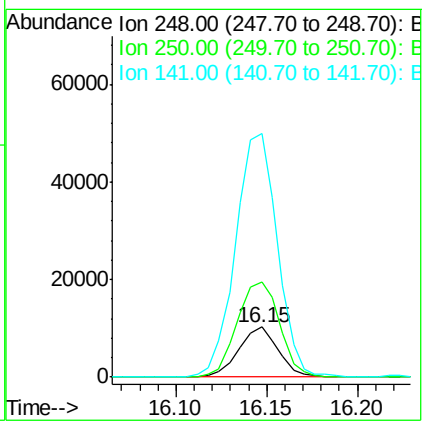


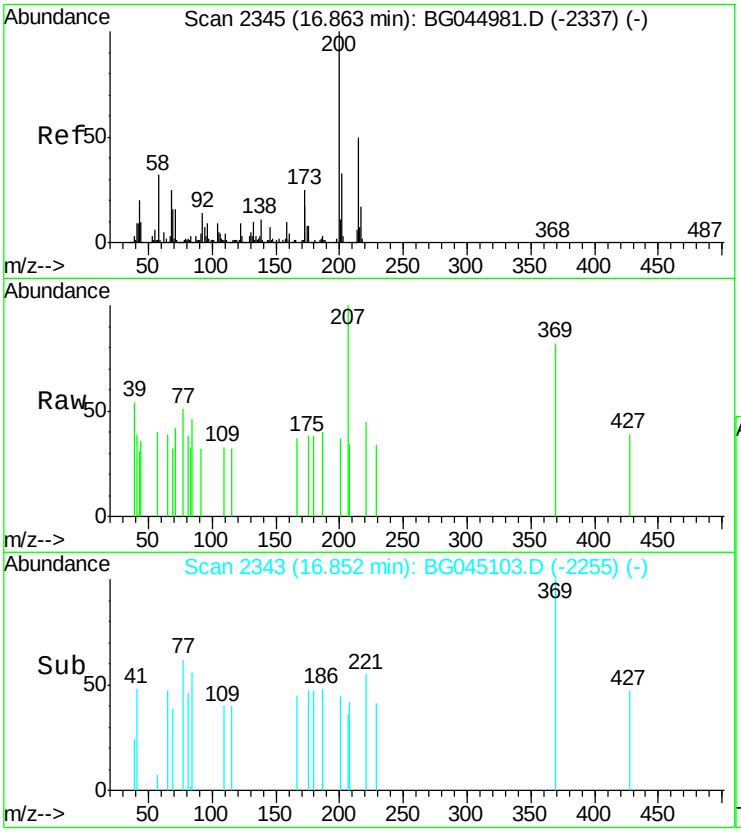


#67
4-Bromophenyl-phenylether
Concen: 2.393 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.45 min
Lab File: BG045103.D
Acq: 20 Apr 2020 19:43

Tgt Ion:248 Resp: 15317

Ion	Ratio	Lower	Upper
248	100		
250	190.8	75.4	113.2#
141	487.7	54.4	81.6#



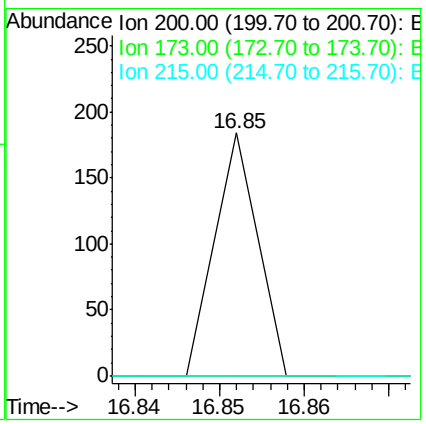


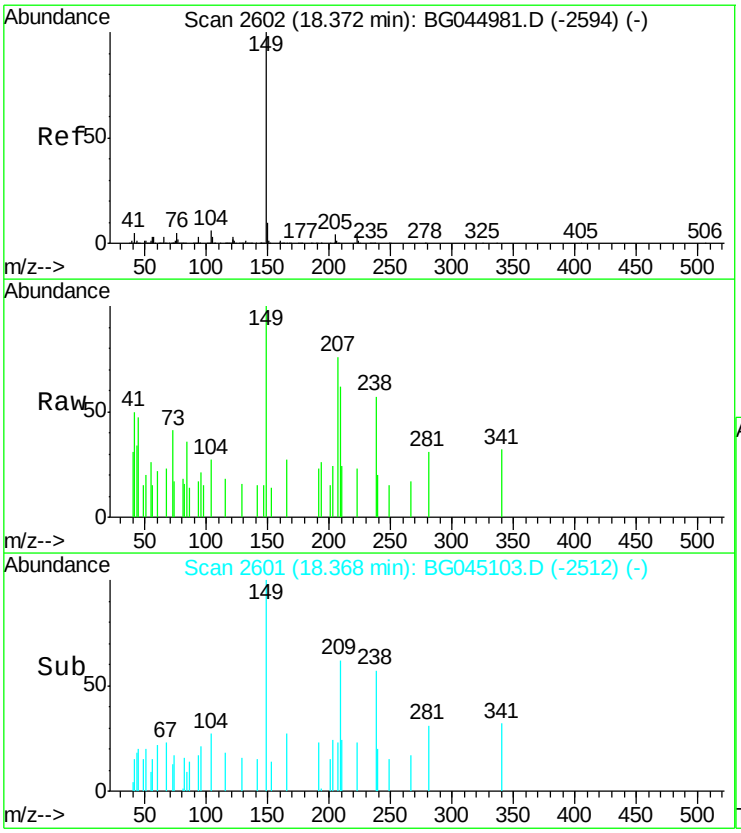
#69
Atrazine
Concen: Below Cal
RT: 16.85 min Scan# 2343
Delta R.T. -0.01 min
Lab File: BG045103.D
Acq: 20 Apr 2020 19:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:200 Resp: 65

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

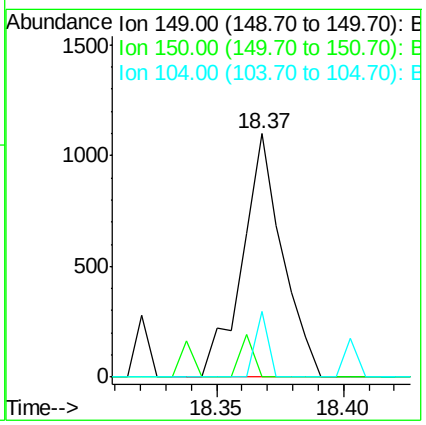


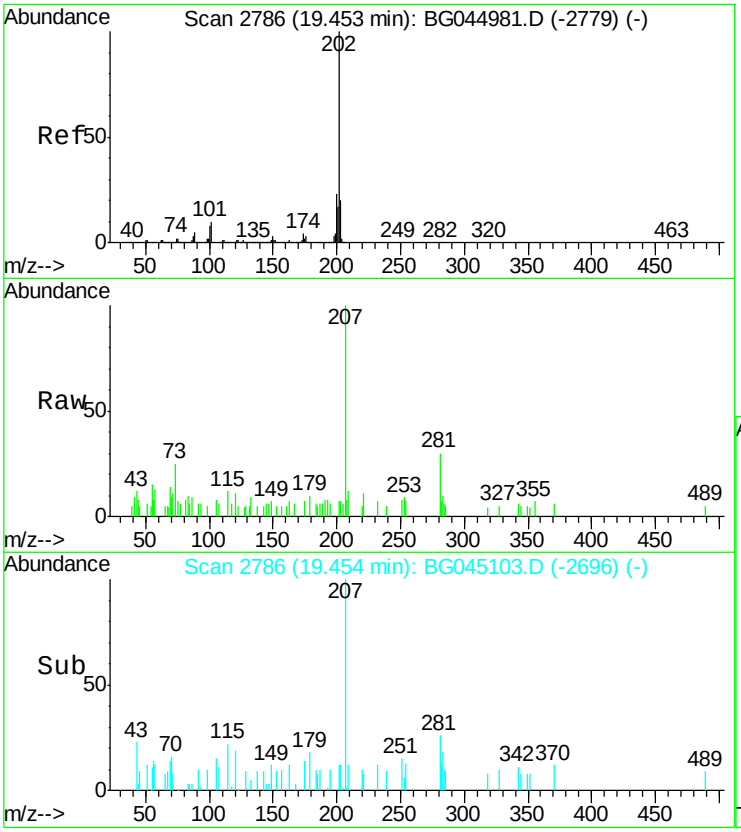


#74
Di-n-butylphthalate
Concen: Below Cal
RT: 18.37 min Scan# 2601
Delta R.T. -0.01 min
Lab File: BG045103.D
Acq: 20 Apr 2020 19:43

Tgt Ion:149 Resp: 1210

Ion	Ratio	Lower	Upper
149	100		
150	0.0	8.2	12.2#
104	27.0	4.8	7.2#



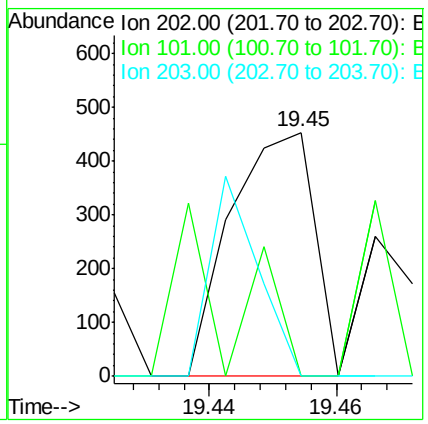


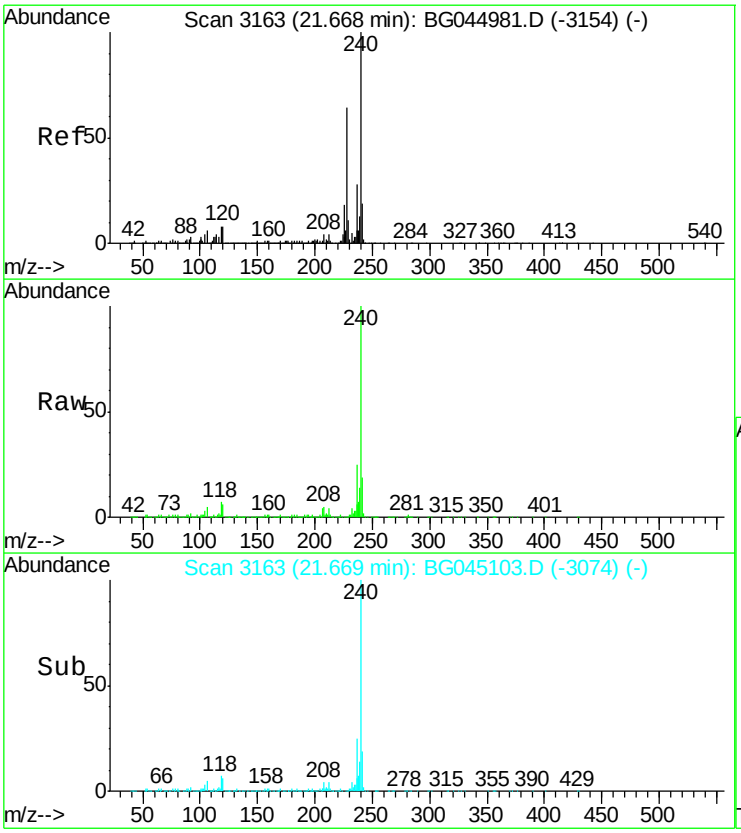
#75
Fluoranthene
Concen: Below Cal
RT: 19.45 min Scan# 2786
Delta R.T. 0.00 min
Lab File: BG045103.D
Acq: 20 Apr 2020 19:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 412

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

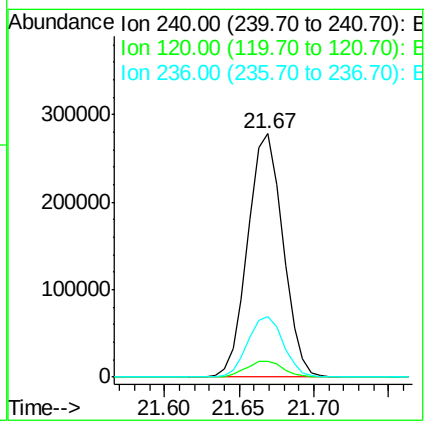


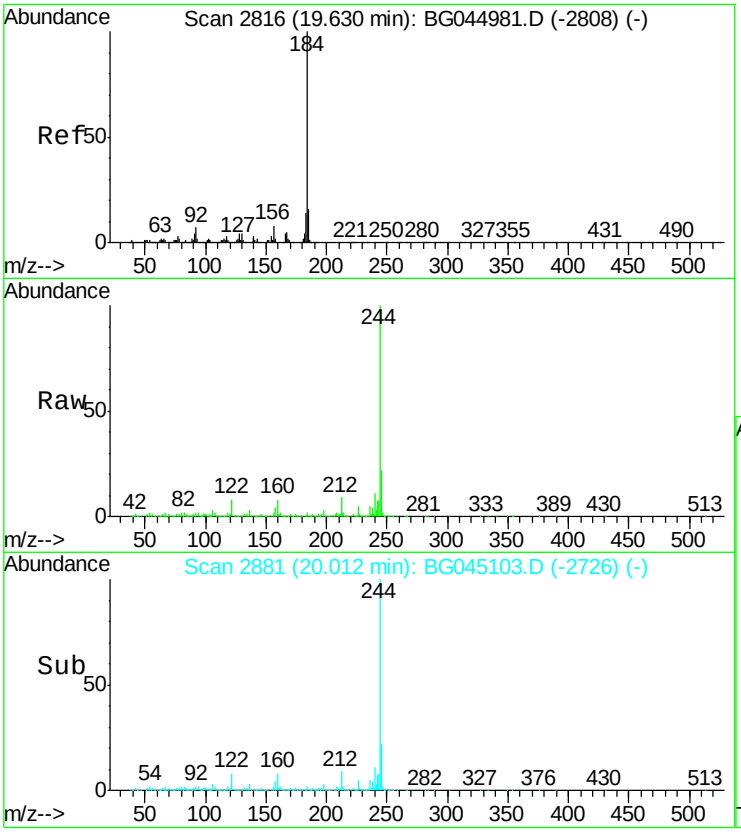


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BG045103.D
Acq: 20 Apr 2020 19:43

Tgt Ion:240 Resp: 452525

Ion	Ratio	Lower	Upper
240	100		
120	6.3	6.6	10.0#
236	24.7	22.2	33.2



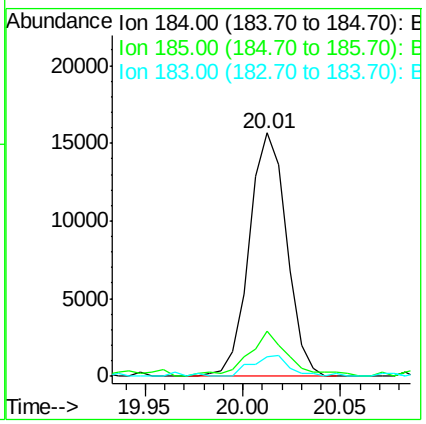


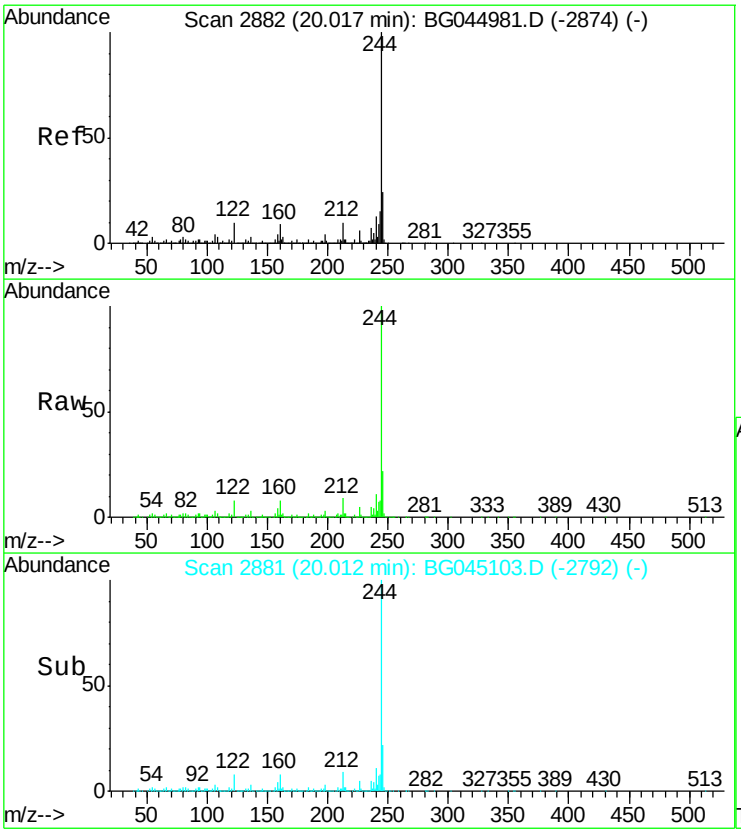
#77
Benzidine
Concen: Below Cal
RT: 20.01 min Scan# 2881
Delta R.T. 0.38 min
Lab File: BG045103.D
Acq: 20 Apr 2020 19:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 20748

Ion	Ratio	Lower	Upper
184	100		
185	18.6	12.6	19.0
183	8.1	11.3	16.9#

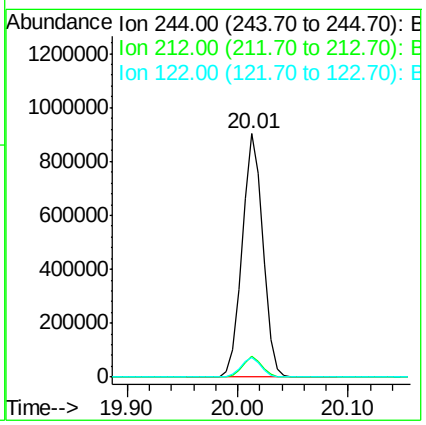


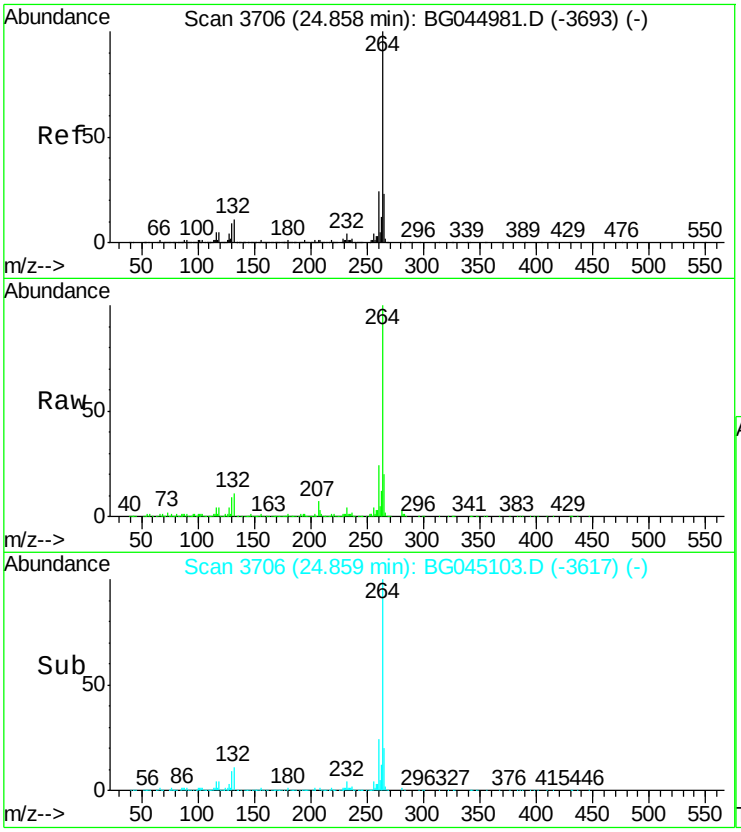


#79
Terphenyl-d14
Concen: 57.230 ng
RT: 20.01 min Scan# 2881
Delta R.T. -0.01 min
Lab File: BG045103.D
Acq: 20 Apr 2020 19:43

Tgt Ion:244 Resp: 1188216

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.9	11.9
122	8.1	7.7	11.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3706
Delta R.T. -0.01 min
Lab File: BG045103.D
Acq: 20 Apr 2020 19:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 481043

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	20.4	19.0	28.4