Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041520\
Data File : BG045004.D
Acq On : 16 Apr 2020 5:33
Operator : CG/JU
Sample : L2281-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-35-36-43-44

Quant Time: Apr 16 06:09:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 15 17:57:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	66505	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	280664	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	226785	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	578148	20.00	ng	0.00
76) Chrysene-d12	21.66	240	569918	20.00	ng	0.00
87) Perylene-d12	24.85	264	610304	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	552099	137.06	ng	0.00
7) Phenol-d6	7.18	99	759647	126.92	ng	0.00
23) Nitrobenzene-d5	9.18	82	615630	100.09	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	572921	163.53	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1532243	99.07	ng	0.00
79) Terphenyl-d14	20.01	244	2734377	104.57	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.17	77	1820	Below Cal	#	21
15) Benzyl Alcohol	8.34	79	10728	2.138	ng	# 68
19) n-Nitroso-di-n-propylamine	9.18	70	84373	19.934	ng	# 80
27) 2,4-Dimethylphenol	10.07	122	9169	2.128	ng	# 2
32) Benzoic acid	10.07	122	9169	8.658	ng	91
51) 2,6-Dinitrotoluene	14.66	165	26999	6.537	ng	# 26
57) 2,4-Dinitrotoluene	14.66	165	26999	4.473	ng	# 24
67) 4-Bromophenyl-phenylether	16.14	248	38364	5.144	ng	# 1
69) Atrazine	16.81	200	58	Below Cal	#	35
74) Di-n-butylphthalate	18.36	149	917	Below Cal	#	76
75) Fluoranthene	19.45	202	325	Below Cal		62
77) Benzidine	20.01	184	57326	Below Cal	#	90

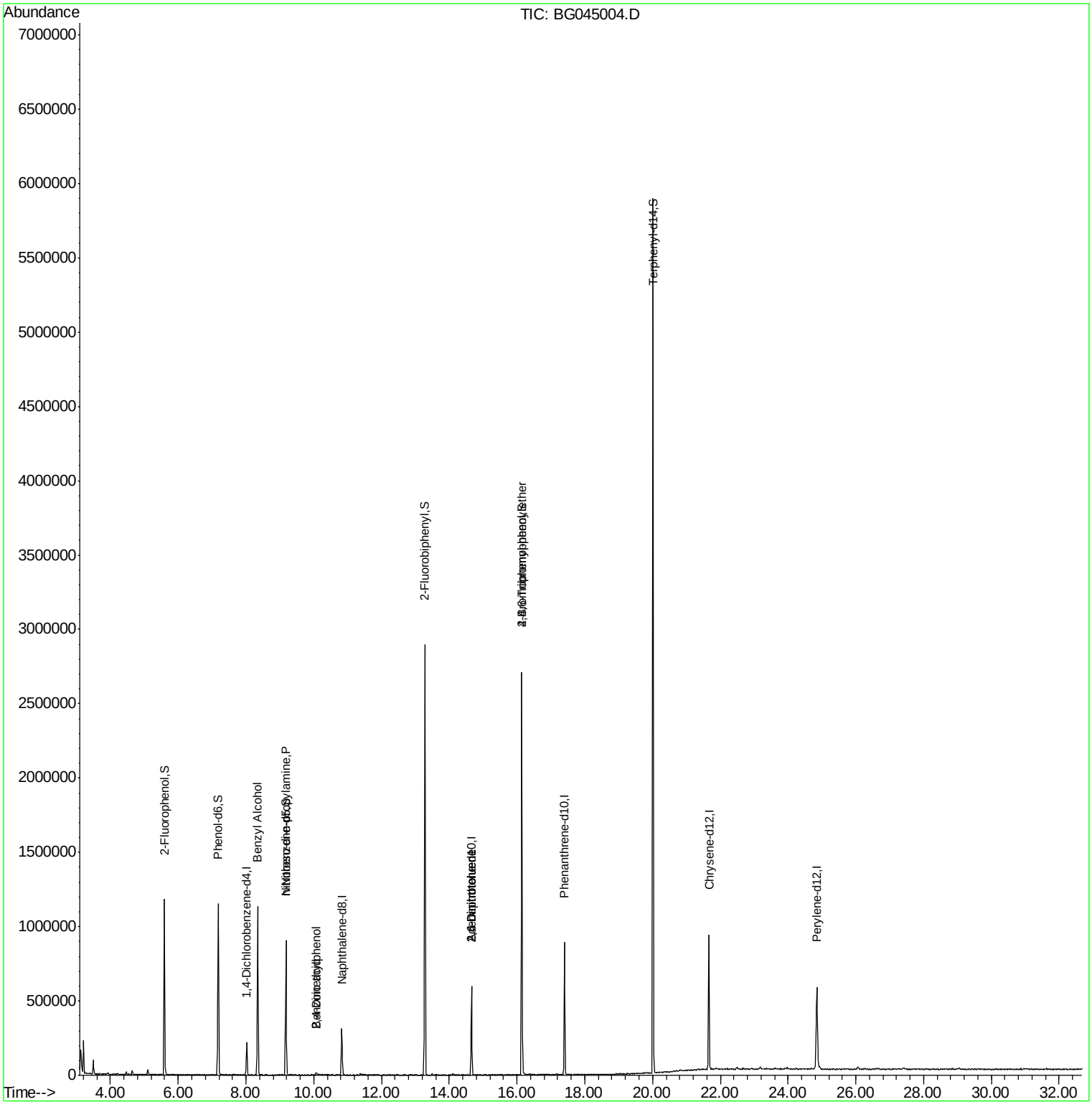
(#) = qualifier out of range (m) = manual integration (+) = signals summed

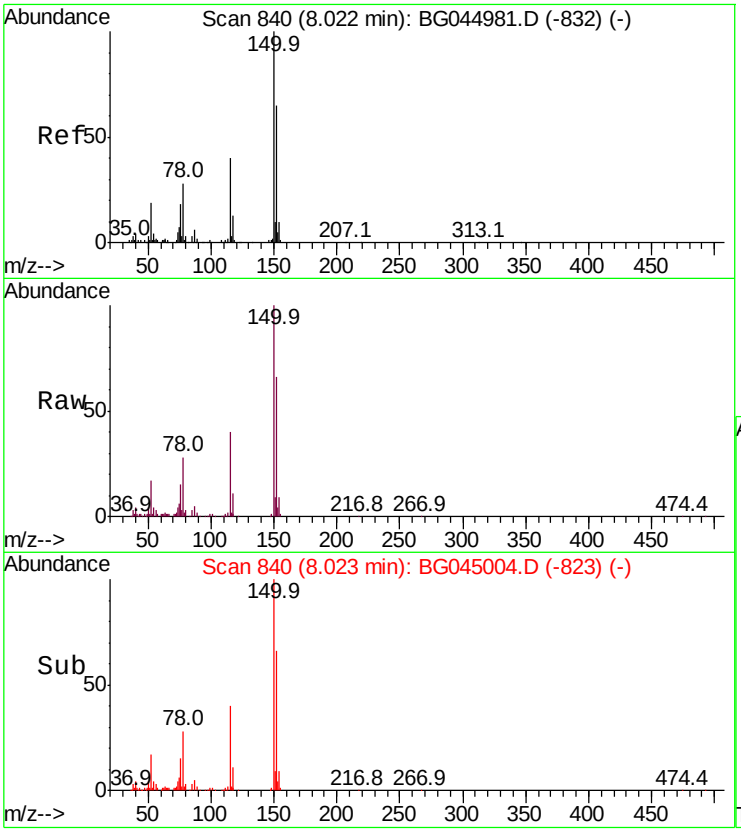
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041520\
Data File : BG045004.D
Acq On : 16 Apr 2020 5:33
Operator : CG/JU
Sample : L2281-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-35-36-43-44

Quant Time: Apr 16 06:09:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 15 17:57:00 2020
Response via : Initial Calibration



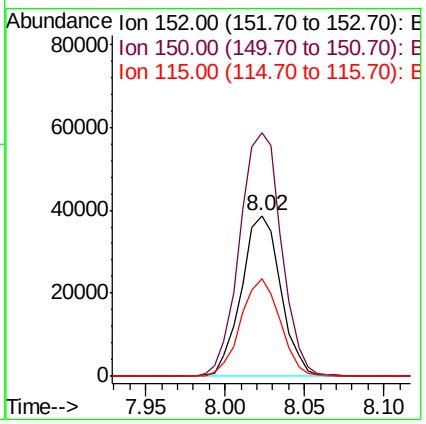


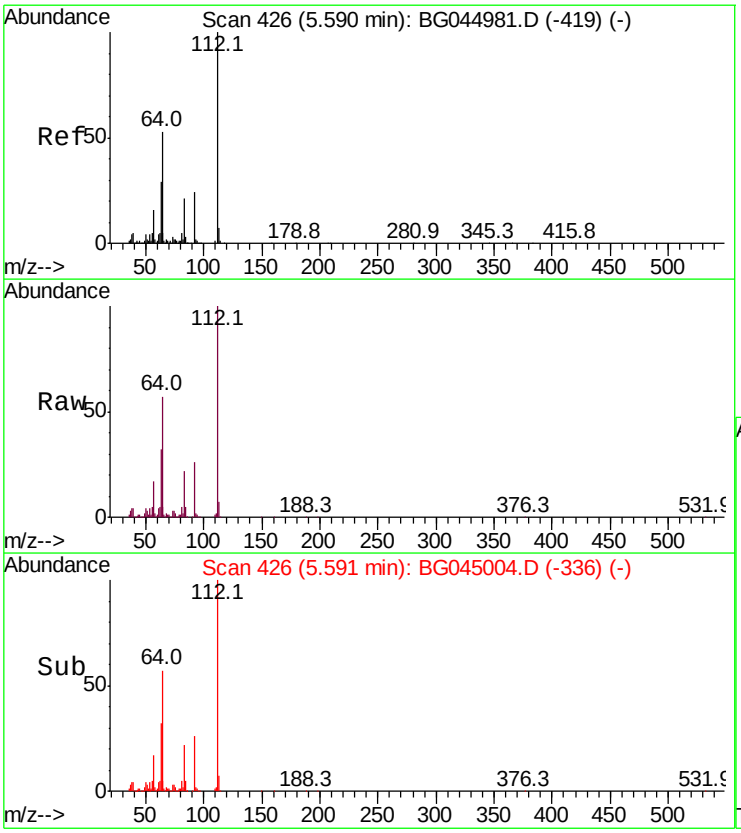
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. 0.00 min
Lab File: BG045004.D
Acq: 16 Apr 2020 5:33

Instrument :
BNA_G
ClientSampleId :
TP-35-36-43-44

Tgt Ion:152 Resp: 66505

Ion	Ratio	Lower	Upper
152	100		
150	151.6	123.6	185.4
115	60.8	49.1	73.7

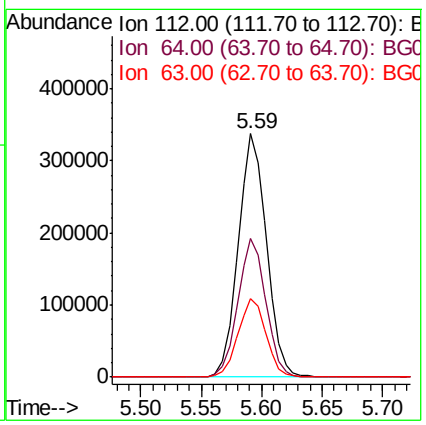


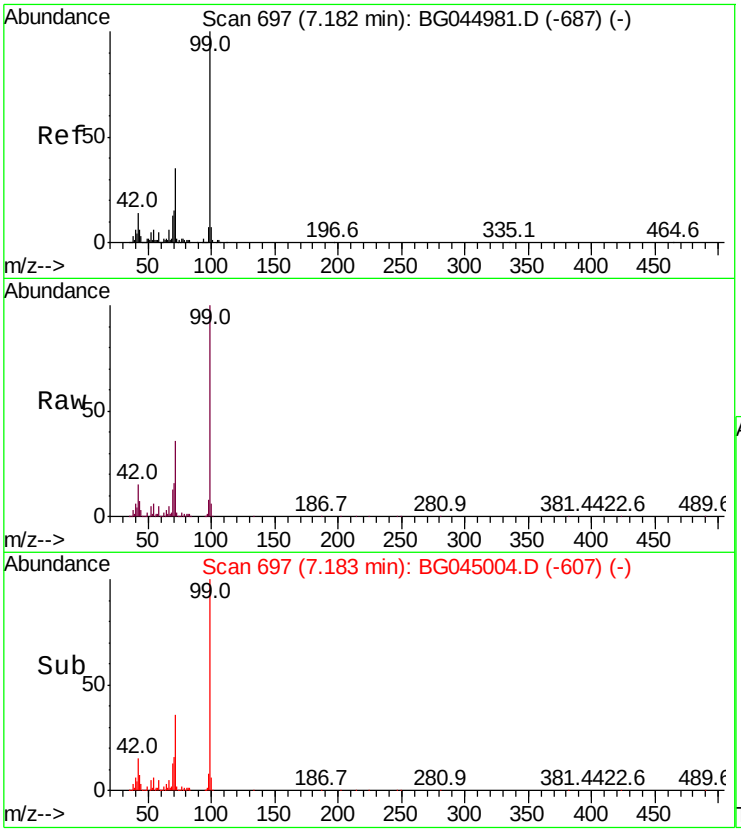


#5
2-Fluorophenol
Concen: 137.055 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG045004.D
Acq: 16 Apr 2020 5:33

Tgt Ion:112 Resp: 552099

Ion	Ratio	Lower	Upper
112	100		
64	56.7	42.4	63.6
63	32.3	23.1	34.7



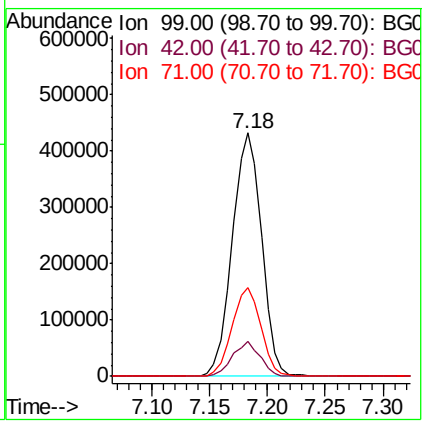


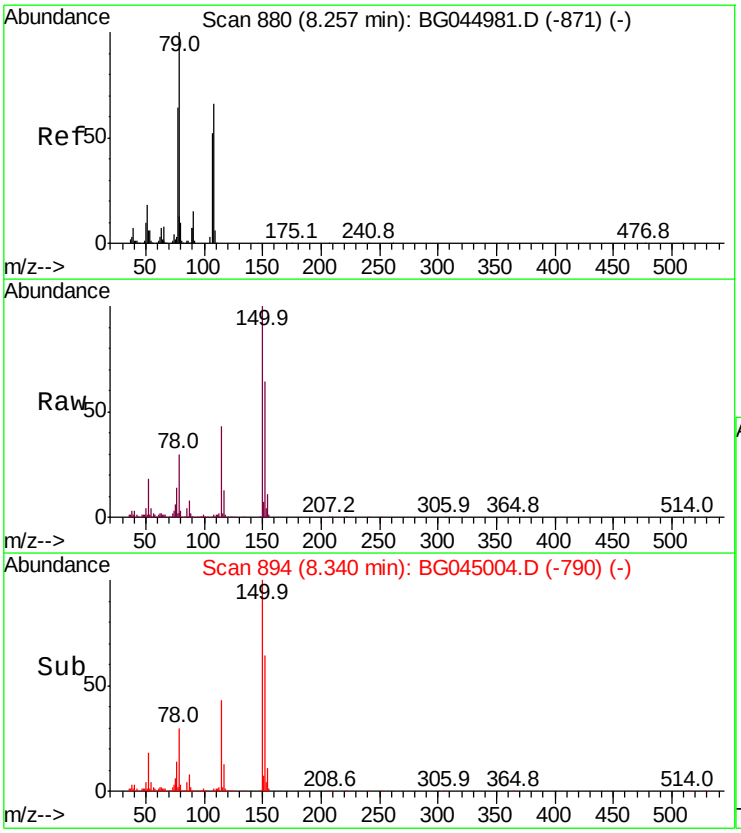
#7
Phenol-d6
Concen: 126.924 ng
RT: 7.18 min Scan# 697
Delta R.T. 0.00 min
Lab File: BG045004.D
Acq: 16 Apr 2020 5:33

Instrument :
BNA_G
ClientSampleId :
TP-35-36-43-44

Tgt Ion: 99 Resp: 759647

Ion	Ratio	Lower	Upper
99	100		
42	14.6	11.3	16.9
71	36.5	28.3	42.5

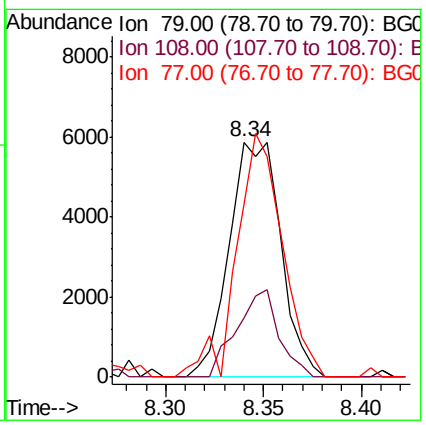


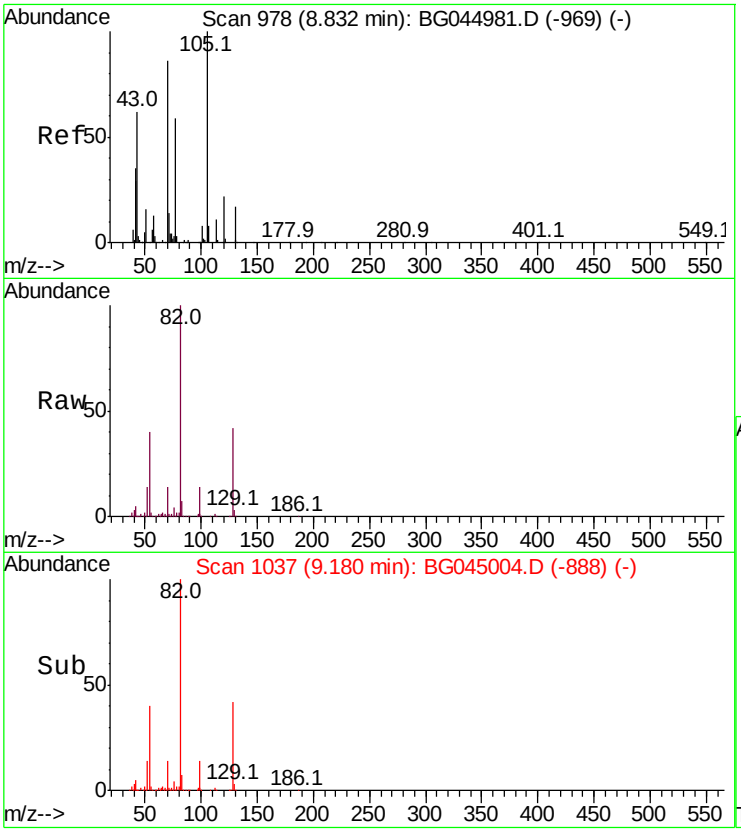


#15
Benzyl Alcohol
Concen: 2.138 ng
RT: 8.34 min Scan# 894
Delta R.T. 0.08 min
Lab File: BG045004.D
Acq: 16 Apr 2020 5:33

Tgt Ion: 79 Resp: 10728

Ion	Ratio	Lower	Upper
79	100		
108	25.5	52.7	79.1#
77	73.6	51.3	76.9



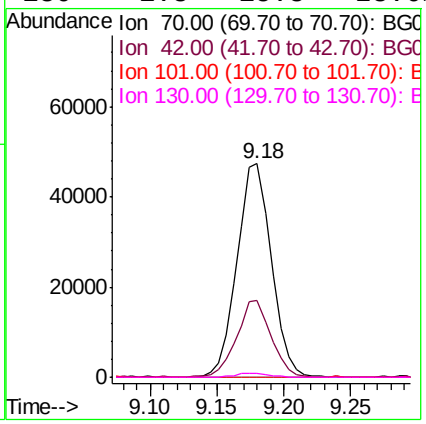


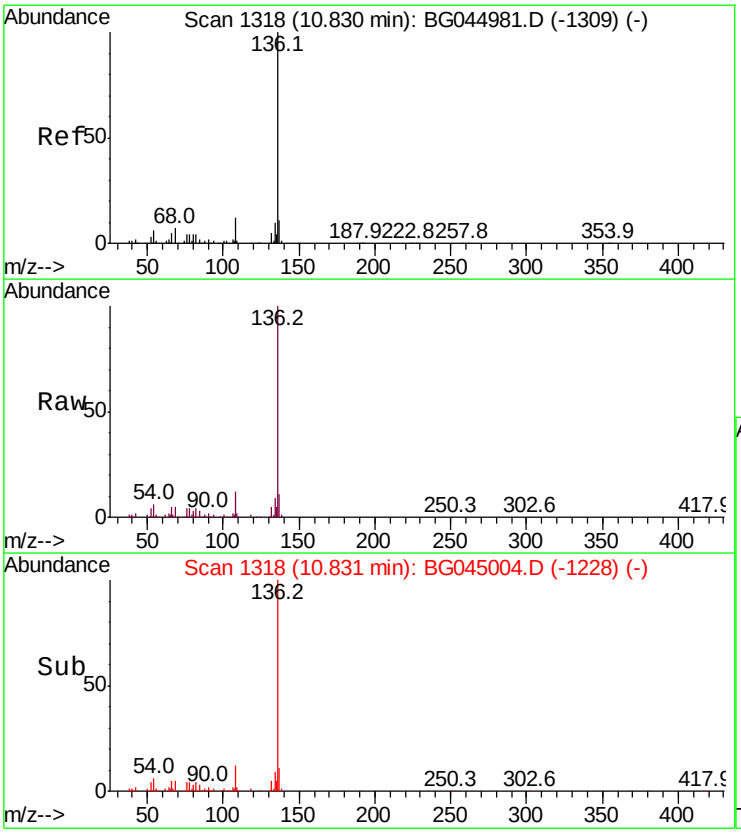
#19
n-Nitroso-di-n-propylamine
Concen: 19.934 ng
RT: 9.18 min Scan# 1037
Delta R.T. 0.35 min
Lab File: BG045004.D
Acq: 16 Apr 2020 5:33

Instrument :
BNA_G
ClientSampleId :
TP-35-36-43-44

Tgt Ion: 70 Resp: 84373

Ion	Ratio	Lower	Upper
70	100		
42	36.0	33.3	49.9
101	0.0	7.8	11.8#
130	1.8	15.8	23.6#

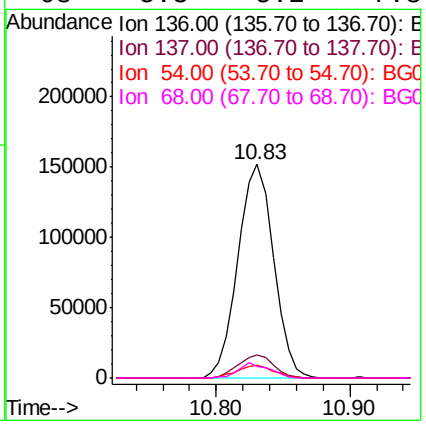


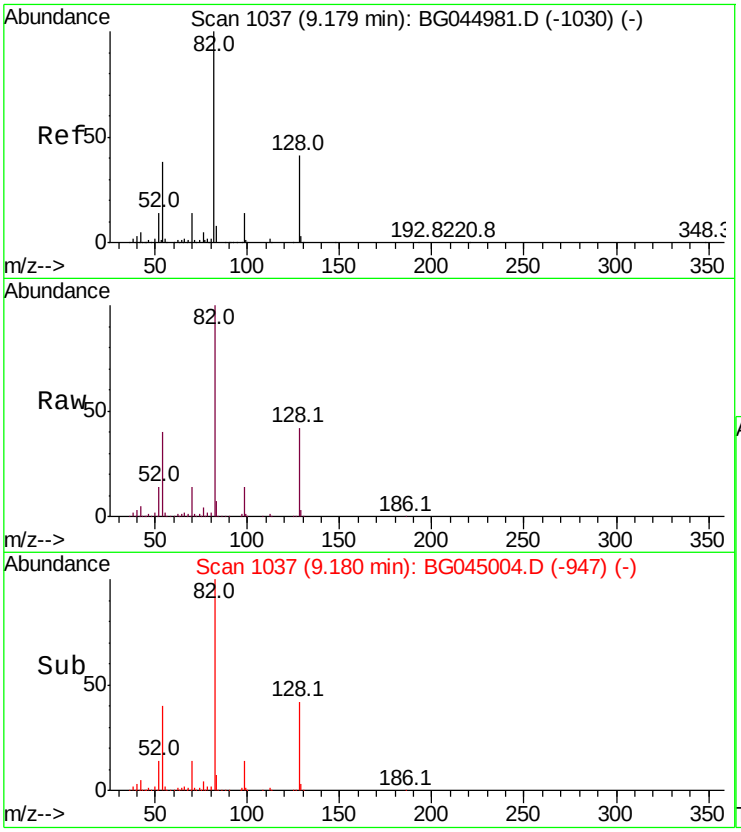


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG045004.D
Acq: 16 Apr 2020 5:33

Tgt Ion:136 Resp: 280664

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	5.9	4.8	7.2
68	5.3	5.2	7.8



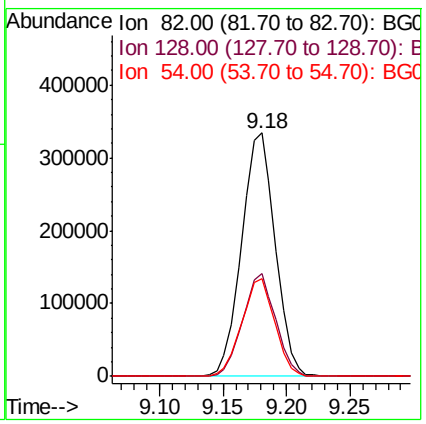


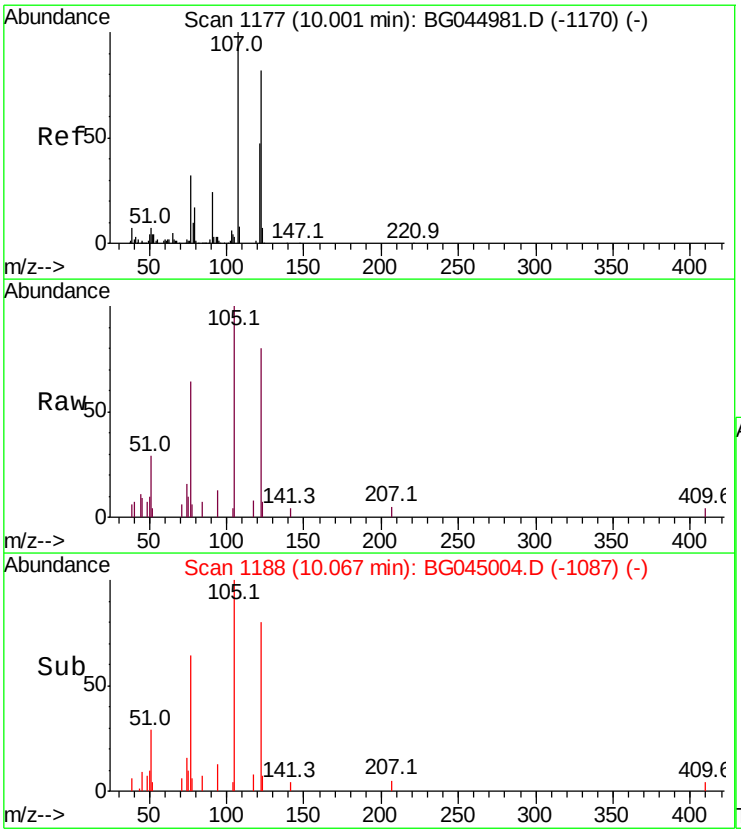
#23
Nitrobenzene-d5
Concen: 100.086 ng
RT: 9.18 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BG045004.D
Acq: 16 Apr 2020 5:33

Instrument :
BNA_G
ClientSampleId :
TP-35-36-43-44

Tgt Ion: 82 Resp: 615630

Ion	Ratio	Lower	Upper
82	100		
128	42.0	33.0	49.4
54	39.9	30.4	45.6

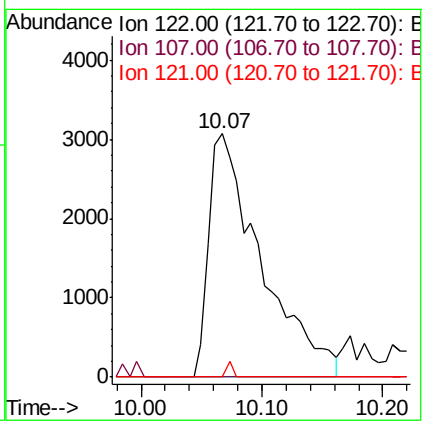


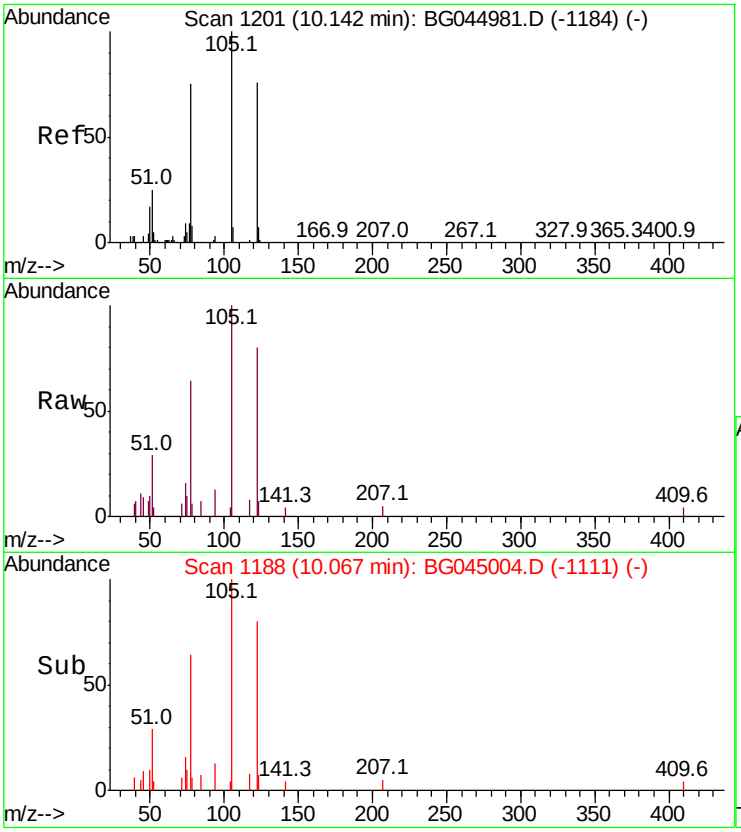


#27
2,4-Dimethylphenol
Concen: 2.128 ng
RT: 10.07 min Scan# 1188
Delta R.T. 0.07 min
Lab File: BG045004.D
Acq: 16 Apr 2020 5:33

Tgt Ion:122 Resp: 9169

Ion	Ratio	Lower	Upper
122	100		
107	0.0	96.8	145.2#
121	0.0	45.6	68.4#



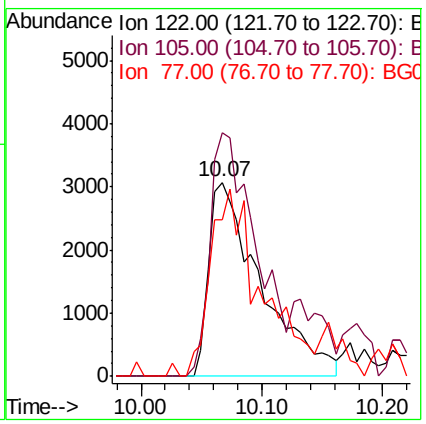


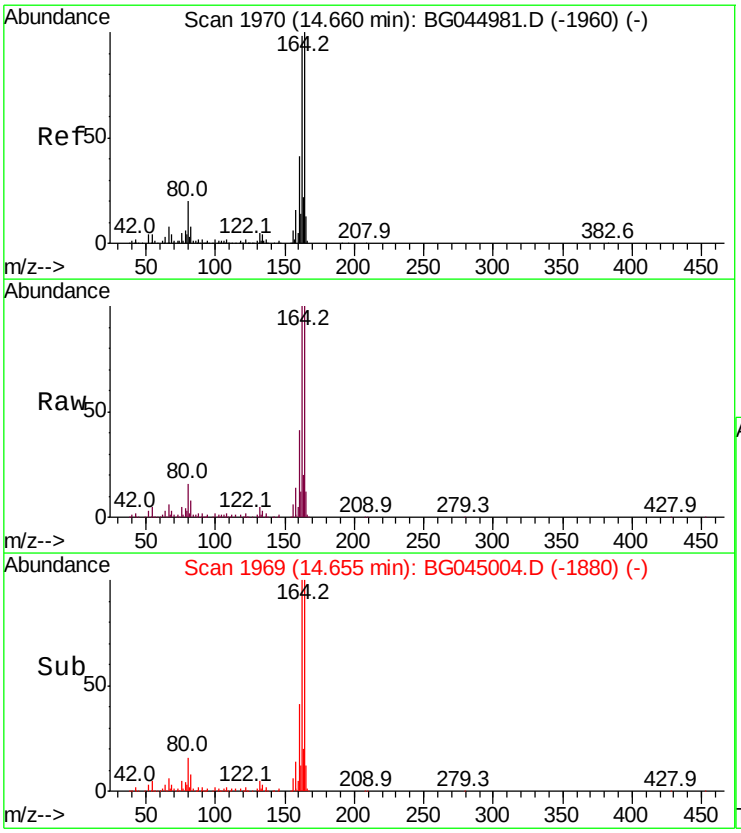
#32
Benzoic acid
Concen: 8.658 ng
RT: 10.07 min Scan# 1188
Delta R.T. -0.07 min
Lab File: BG045004.D
Acq: 16 Apr 2020 5:33

Instrument :
BNA_G
ClientSampleId :
TP-35-36-43-44

Tgt Ion:122 Resp: 9169

Ion	Ratio	Lower	Upper
122	100		
105	125.4	108.4	148.4
77	80.6	78.8	118.8

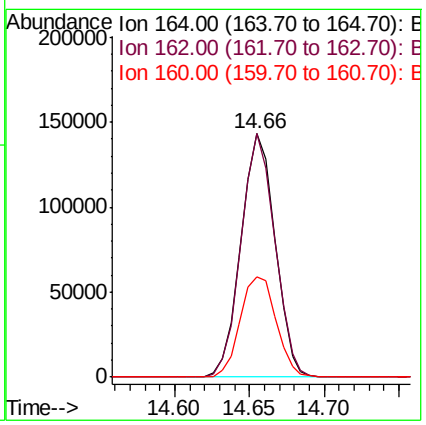


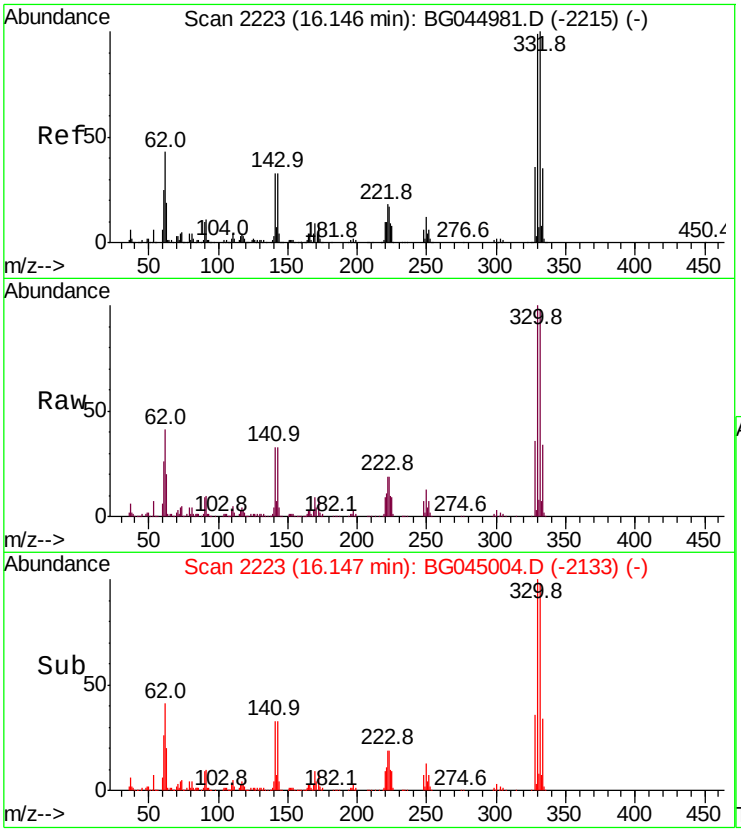


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG045004.D
Acq: 16 Apr 2020 5:33

Tgt Ion:164 Resp: 226785

Ion	Ratio	Lower	Upper
164	100		
162	100.0	78.7	118.1
160	41.4	32.8	49.2



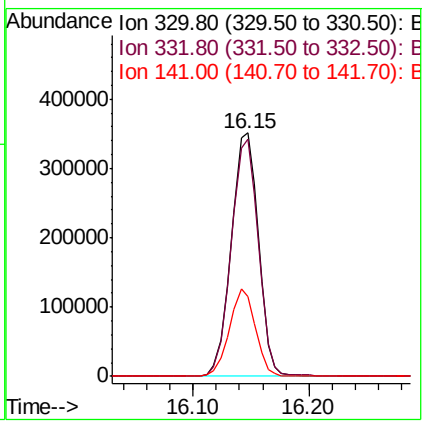


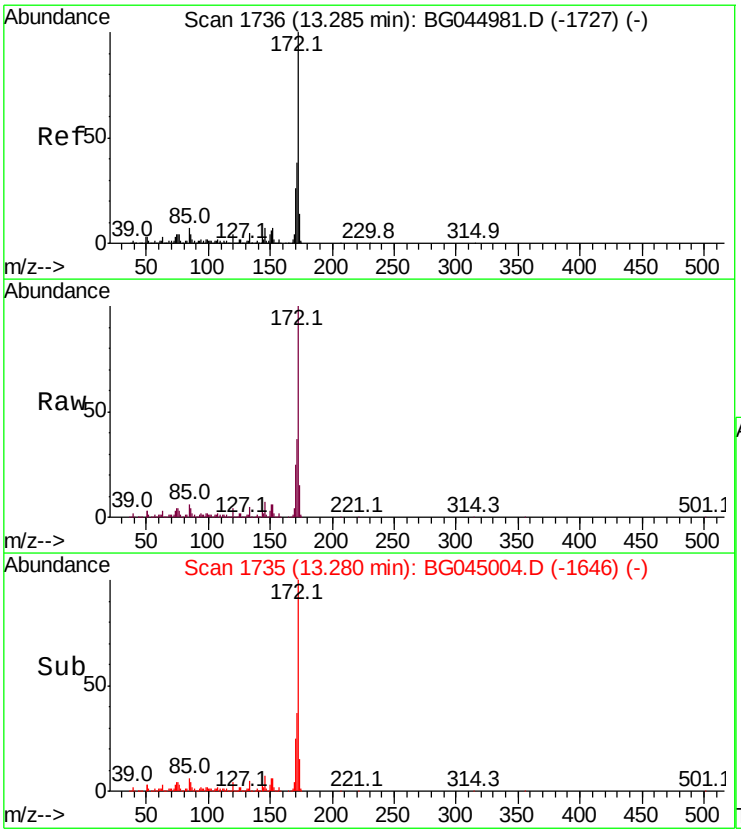
#42
2,4,6-Tribromophenol
Concen: 163.527 ng
RT: 16.15 min Scan# 2223
Delta R.T. 0.00 min
Lab File: BG045004.D
Acq: 16 Apr 2020 5:33

Instrument :
BNA_G
ClientSampleId :
TP-35-36-43-44

Tgt Ion:330 Resp: 572921

Ion	Ratio	Lower	Upper
330	100		
332	97.1	79.1	118.7
141	34.5	27.1	40.7

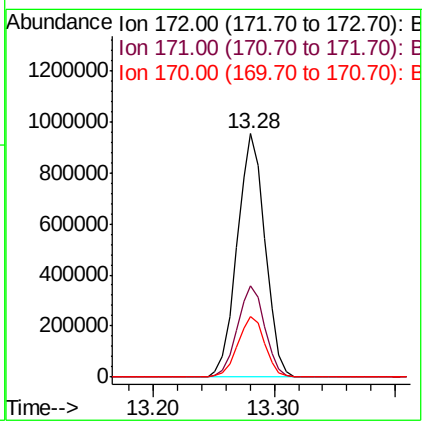


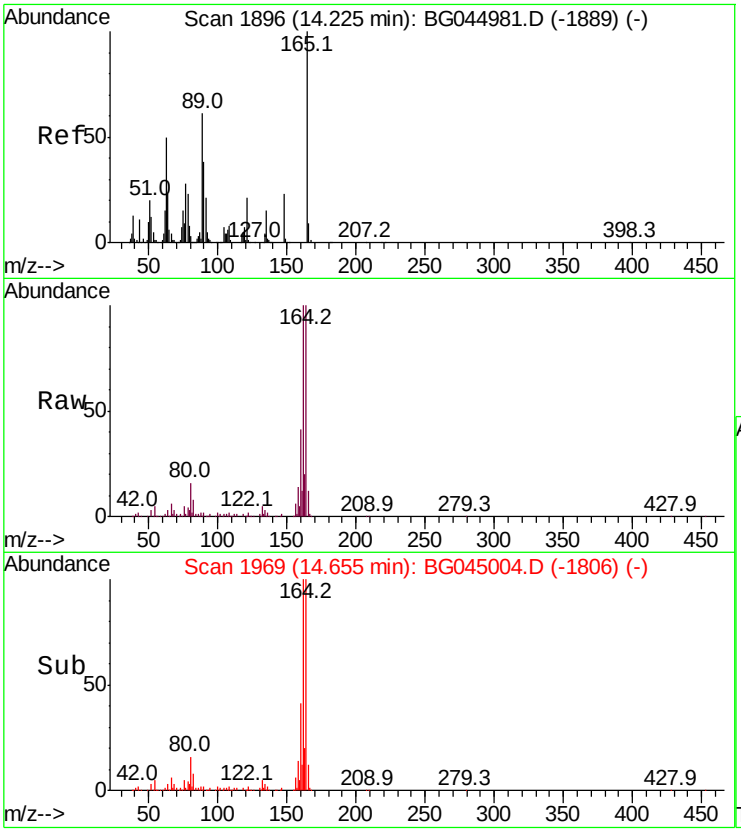


#45
2-Fluorobiphenyl
Concen: 99.070 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG045004.D
Acq: 16 Apr 2020 5:33

Tgt Ion:172 Resp: 1532243

Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.6	46.0
170	25.0	20.5	30.7



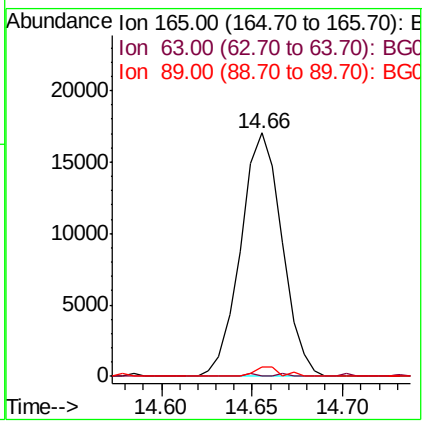


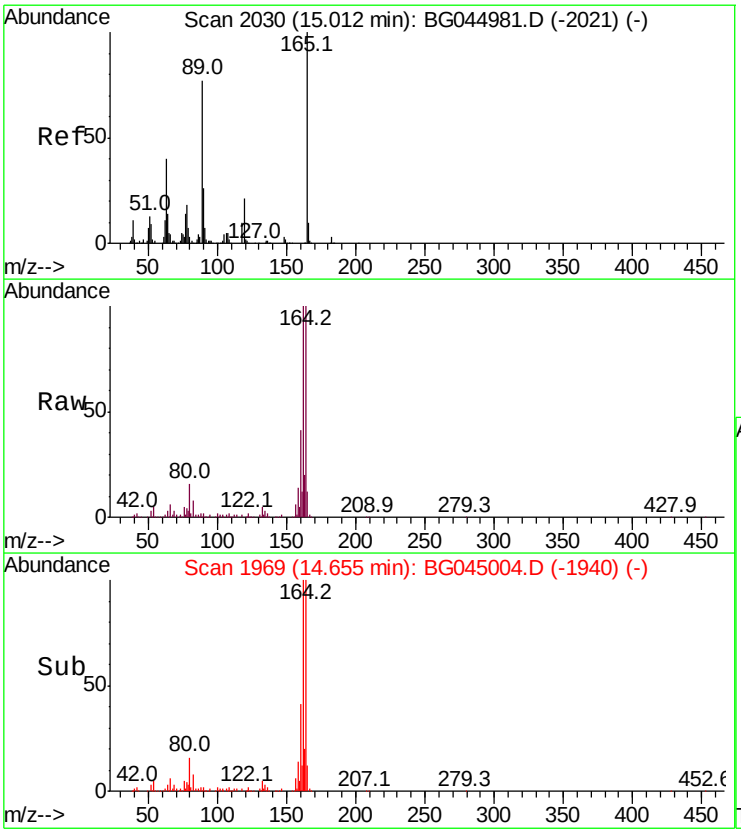
#51
2,6-Dinitrotoluene
Concen: 6.537 ng
RT: 14.66 min Scan# 1969
Delta R.T. 0.43 min
Lab File: BG045004.D
Acq: 16 Apr 2020 5:33

Instrument :
BNA_G
ClientSampleId :
TP-35-36-43-44

Tgt Ion:165 Resp: 26999

Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.4	60.6#
89	4.0	49.1	73.7#

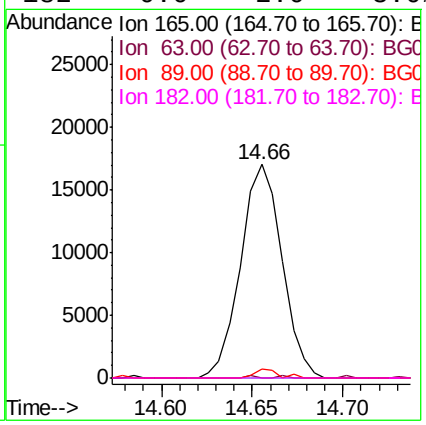


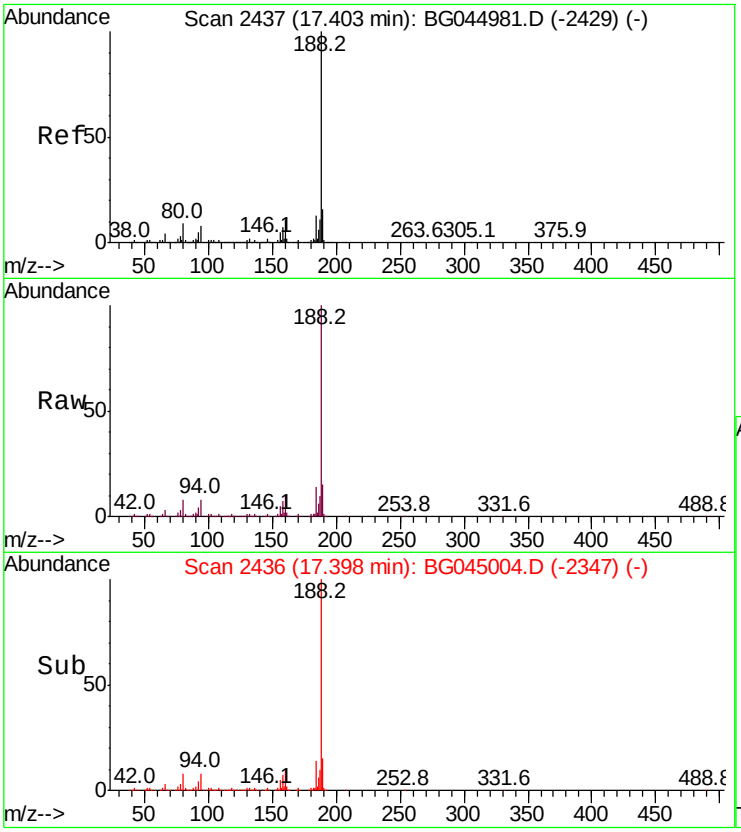


#57
2,4-Dinitrotoluene
Concen: 4.473 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.36 min
Lab File: BG045004.D
Acq: 16 Apr 2020 5:33

Tgt Ion:165 Resp: 26999

Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.2	48.2#
89	4.0	61.7	92.5#
182	0.0	2.0	3.0#



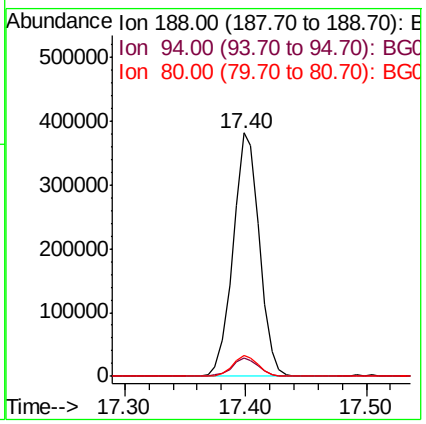


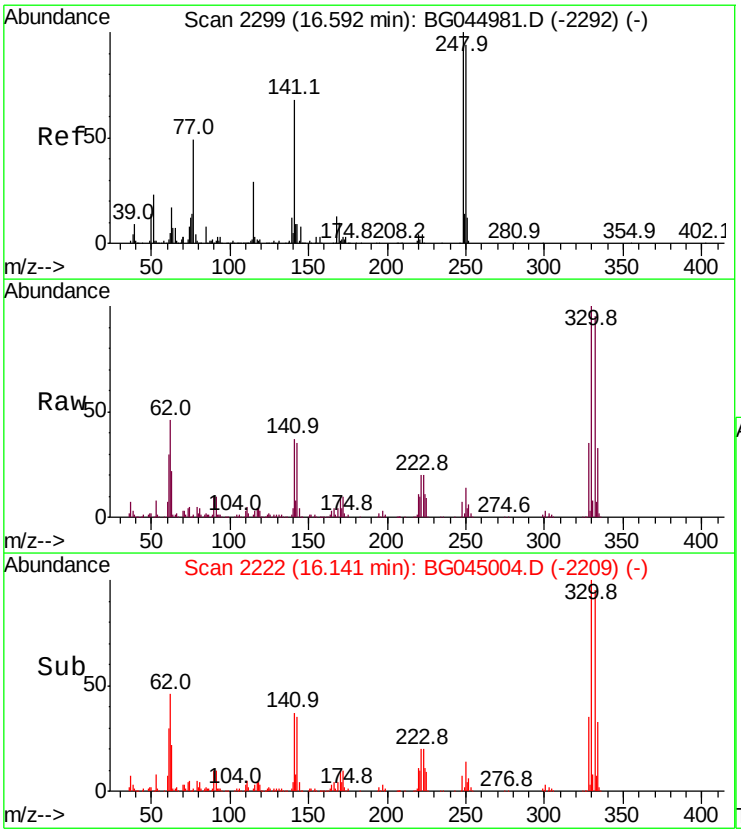
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG045004.D
Acq: 16 Apr 2020 5:33

Instrument :
BNA_G
ClientSampleId :
TP-35-36-43-44

Tgt Ion:188 Resp: 578148

Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.2	9.4
80	8.4	7.0	10.6

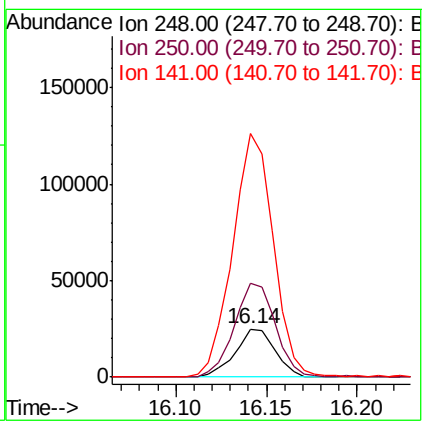


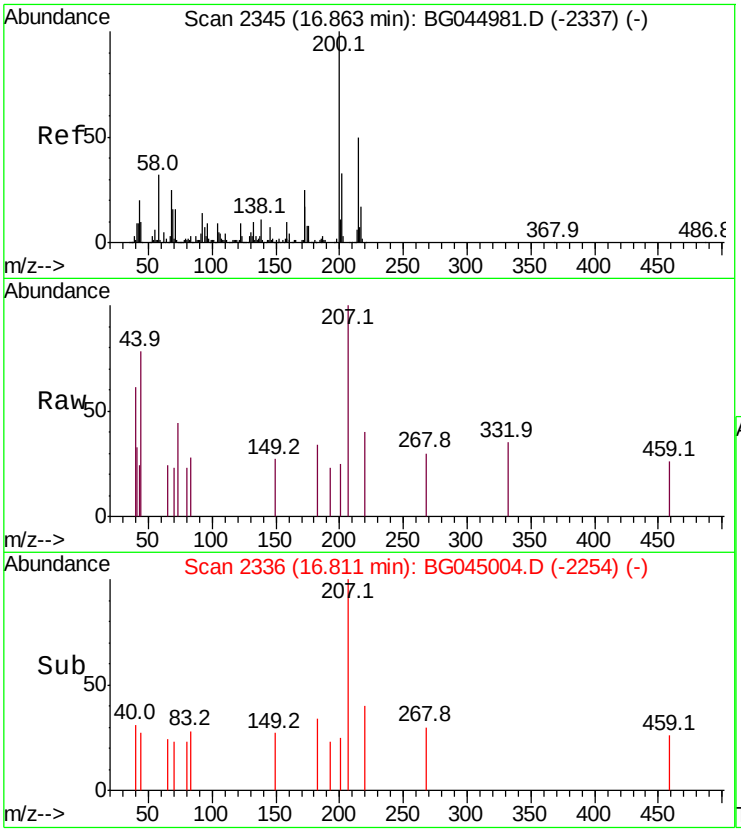


#67
4-Bromophenyl-phenylether
Concen: 5.144 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.45 min
Lab File: BG045004.D
Acq: 16 Apr 2020 5:33

Tgt Ion:248 Resp: 38364

Ion	Ratio	Lower	Upper
248	100		
250	196.2	75.4	113.2#
141	509.8	54.4	81.6#



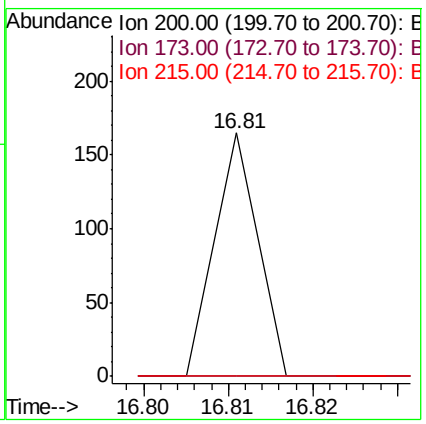


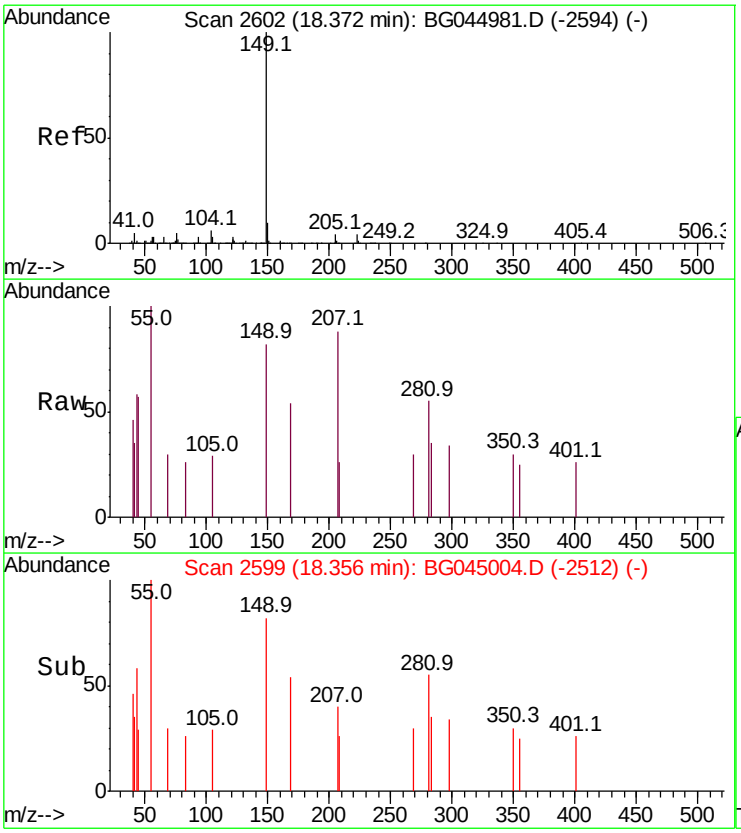
#69
Atrazine
Concen: Below Cal
RT: 16.81 min Scan# 2336
Delta R.T. -0.05 min
Lab File: BG045004.D
Acq: 16 Apr 2020 5:33

Instrument :
BNA_G
ClientSampleId :
TP-35-36-43-44

Tgt Ion:200 Resp: 58

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

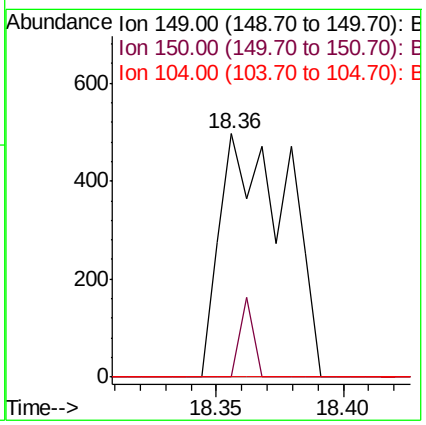


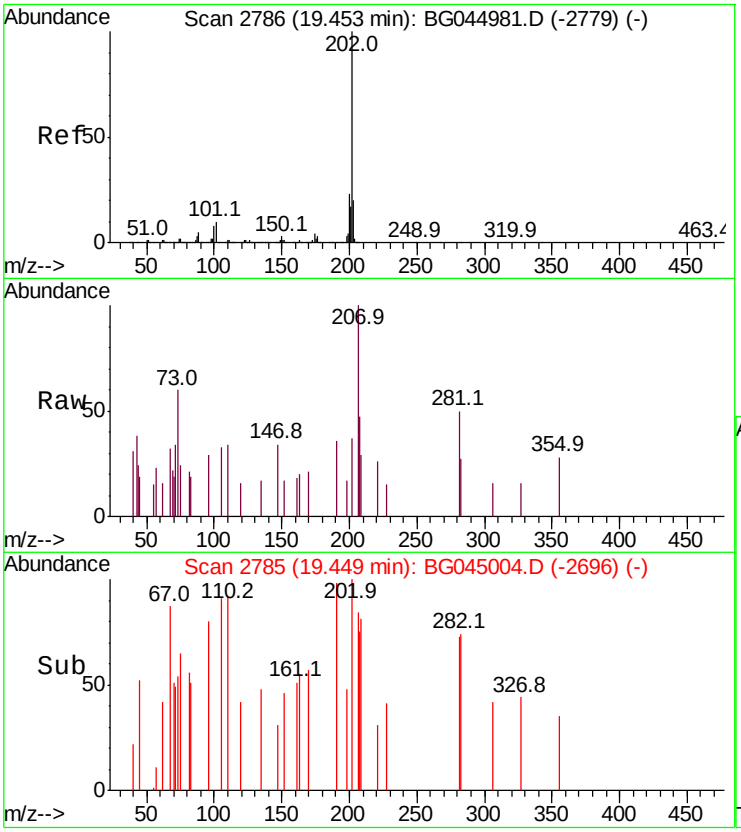


#74
Di-n-butylphthalate
Concen: Below Cal
RT: 18.36 min Scan# 2599
Delta R.T. -0.02 min
Lab File: BG045004.D
Acq: 16 Apr 2020 5:33

Tgt Ion:149 Resp: 917

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



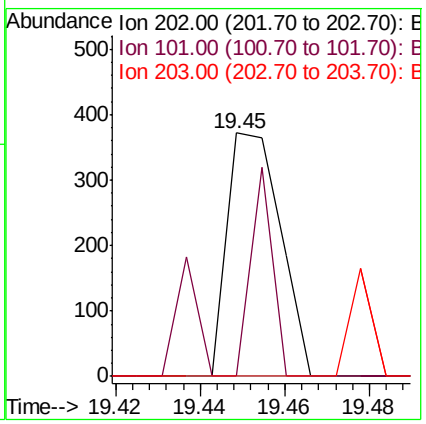


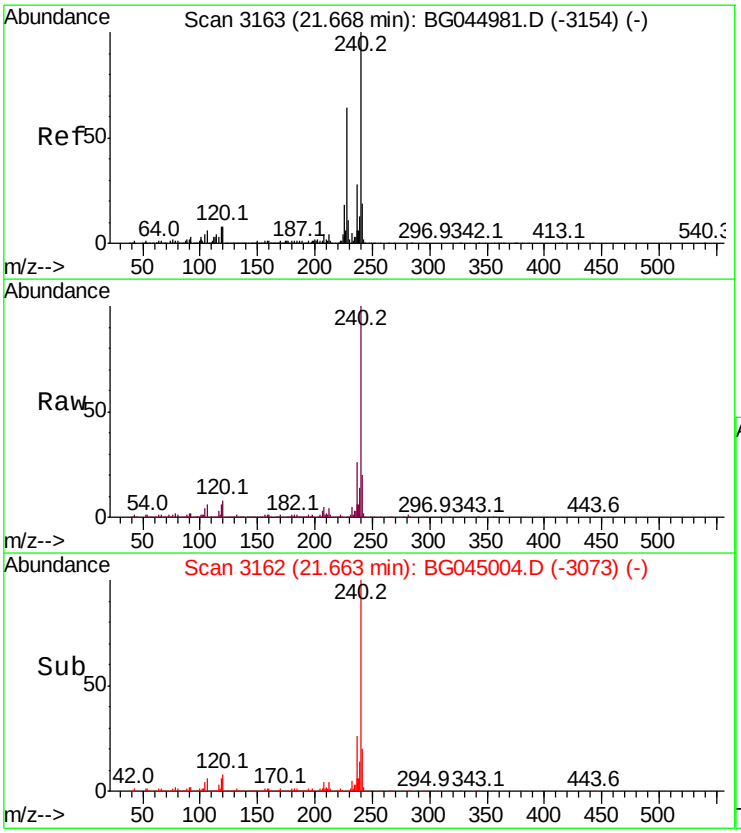
#75
Fluoranthene
Concen: Below Cal
RT: 19.45 min Scan# 2785
Delta R.T. -0.00 min
Lab File: BG045004.D
Acq: 16 Apr 2020 5:33

Instrument :
BNA_G
ClientSampleId :
TP-35-36-43-44

Tgt Ion:202 Resp: 325

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

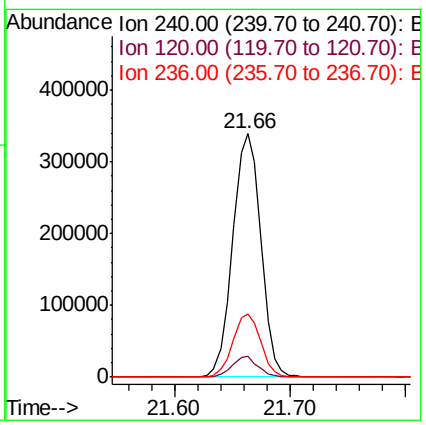


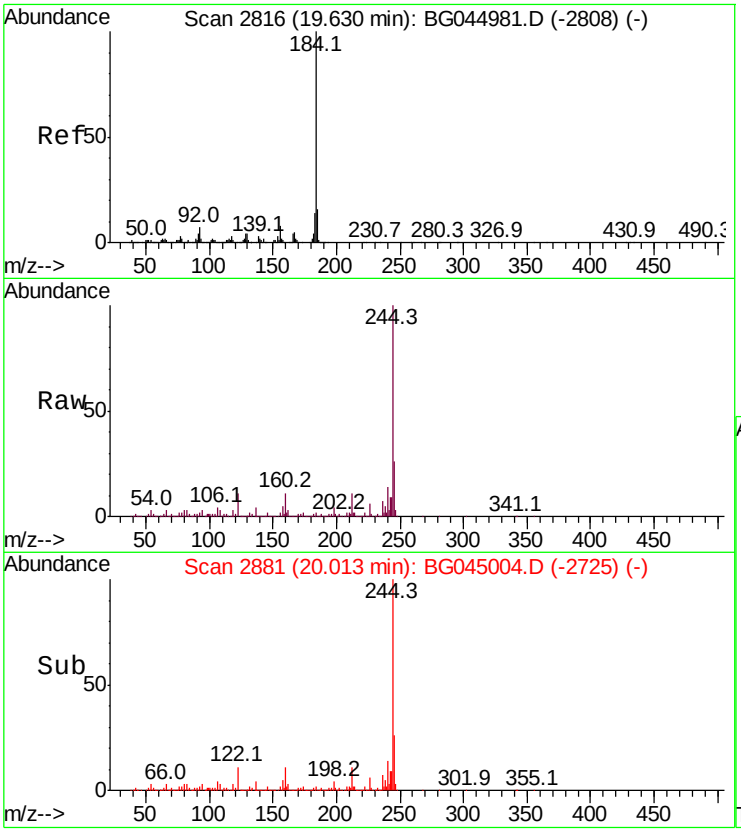


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3162
Delta R.T. -0.00 min
Lab File: BG045004.D
Acq: 16 Apr 2020 5:33

Tgt Ion:240 Resp: 569918

Ion	Ratio	Lower	Upper
240	100		
120	8.4	6.6	10.0
236	26.1	22.2	33.2



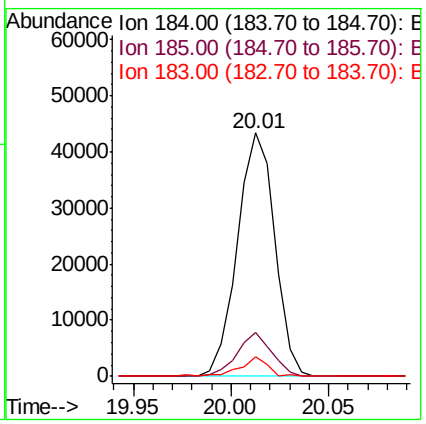


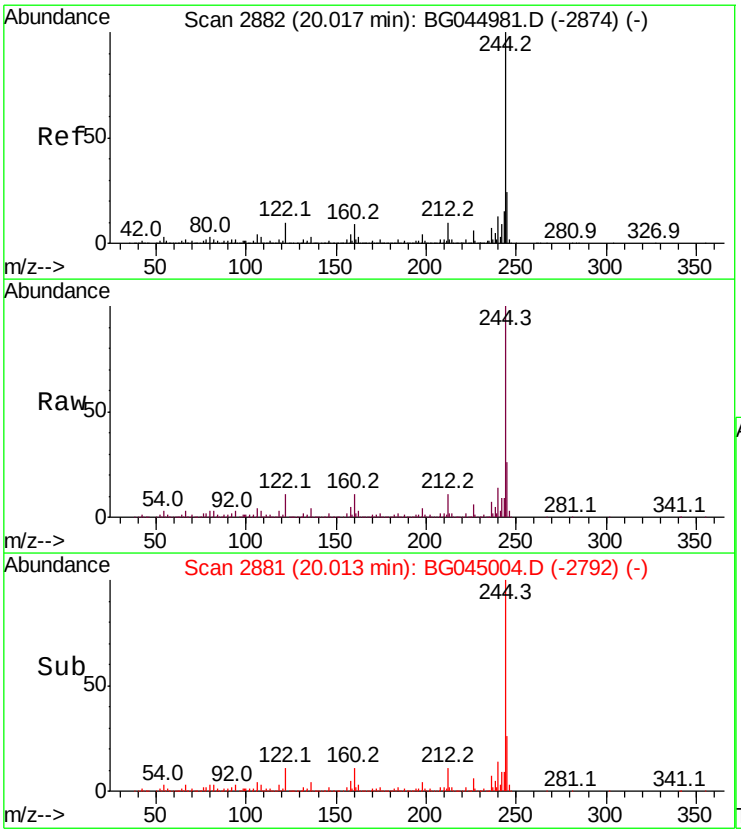
#77
Benzidine
Concen: Below Cal
RT: 20.01 min Scan# 2881
Delta R.T. 0.38 min
Lab File: BG045004.D
Acq: 16 Apr 2020 5:33

Instrument :
BNA_G
ClientSampleId :
TP-35-36-43-44

Tgt Ion:184 Resp: 57326

Ion	Ratio	Lower	Upper
184	100		
185	18.2	12.6	19.0
183	8.1	11.3	16.9#

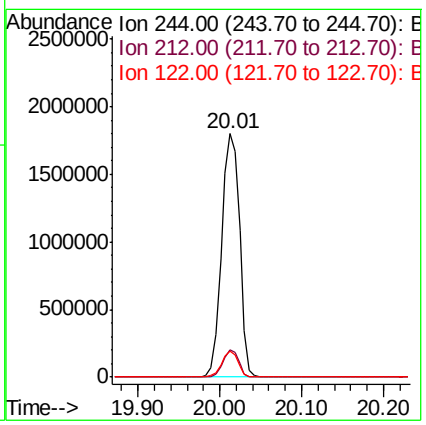


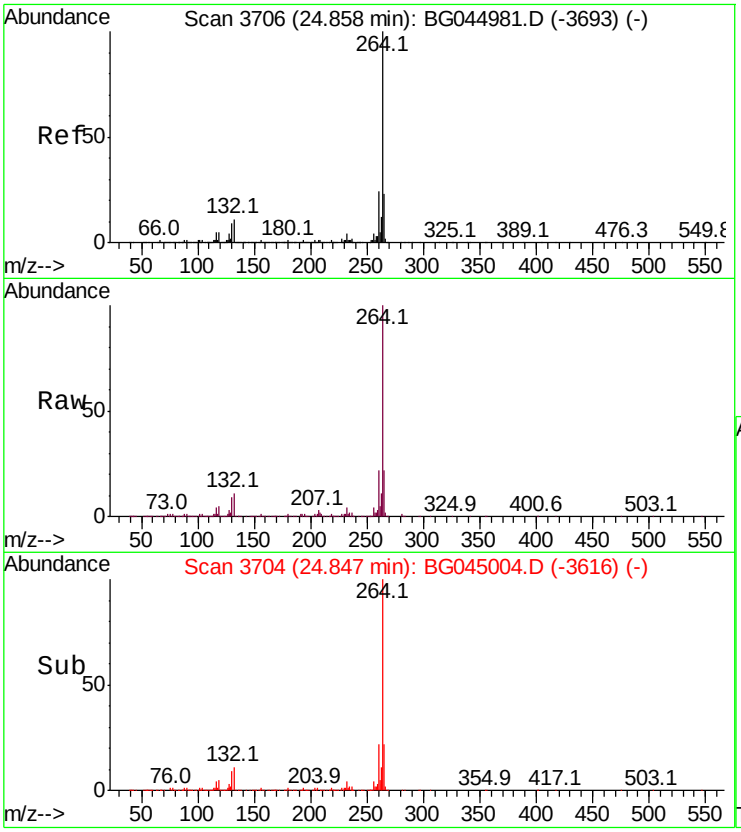


#79
Terphenyl-d14
Concen: 104.572 ng
RT: 20.01 min Scan# 2881
Delta R.T. -0.00 min
Lab File: BG045004.D
Acq: 16 Apr 2020 5:33

Tgt Ion:244 Resp: 2734377

Ion	Ratio	Lower	Upper
244	100		
212	11.0	7.9	11.9
122	10.7	7.7	11.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3704
Delta R.T. -0.01 min
Lab File: BG045004.D
Acq: 16 Apr 2020 5:33

Instrument :
BNA_G
ClientSampleId :
TP-35-36-43-44

Tgt Ion:264 Resp: 610304

Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.2	28.8
265	21.8	19.0	28.4