Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050720\
Data File : BG045278.D
Acq On : 7 May 2020 20:40
Operator : CG/JU
Sample : L2498-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: May 08 03:44:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 07 12:51:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	56292	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	217233	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	164491	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	397702	20.00	ng	0.00
76) Chrysene-d12	21.63	240	396722	20.00	ng	0.00
87) Perylene-d12	24.81	264	419067	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	447984	131.39	ng	0.00
7) Phenol-d6	7.15	99	561015	110.74	ng	0.00
23) Nitrobenzene-d5	9.14	82	505913	106.26	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	405050	159.40	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1175989	104.83	ng	0.00
79) Terphenyl-d14	19.99	244	2095098	115.10	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.14	77	1325	Below Cal	#	4
15) Benzyl Alcohol	8.31	79	8820	2.077	ng #	57
19) n-Nitroso-di-n-propylamine	9.14	70	69547	19.412	ng #	79
31) Naphthalene	10.84	128	36840	3.100	ng	97
32) Benzoic acid	10.30	122	80	6.400	ng #	1
50) Dimethylphthalate	14.07	163	74672	5.575	ng	99
57) 2,4-Dinitrotoluene	14.63	165	21008	4.799	ng #	22
67) 4-Bromophenyl-phenylether	16.11	248	27029	5.268	ng #	1
69) Atrazine	16.75	200	62	Below Cal	#	35
74) Di-n-butylphthalate	18.34	149	2497	Below Cal	#	91
75) Fluoranthene	19.43	202	1818	Below Cal		79
77) Benzidine	19.60	184	147538	7.935	ng	96

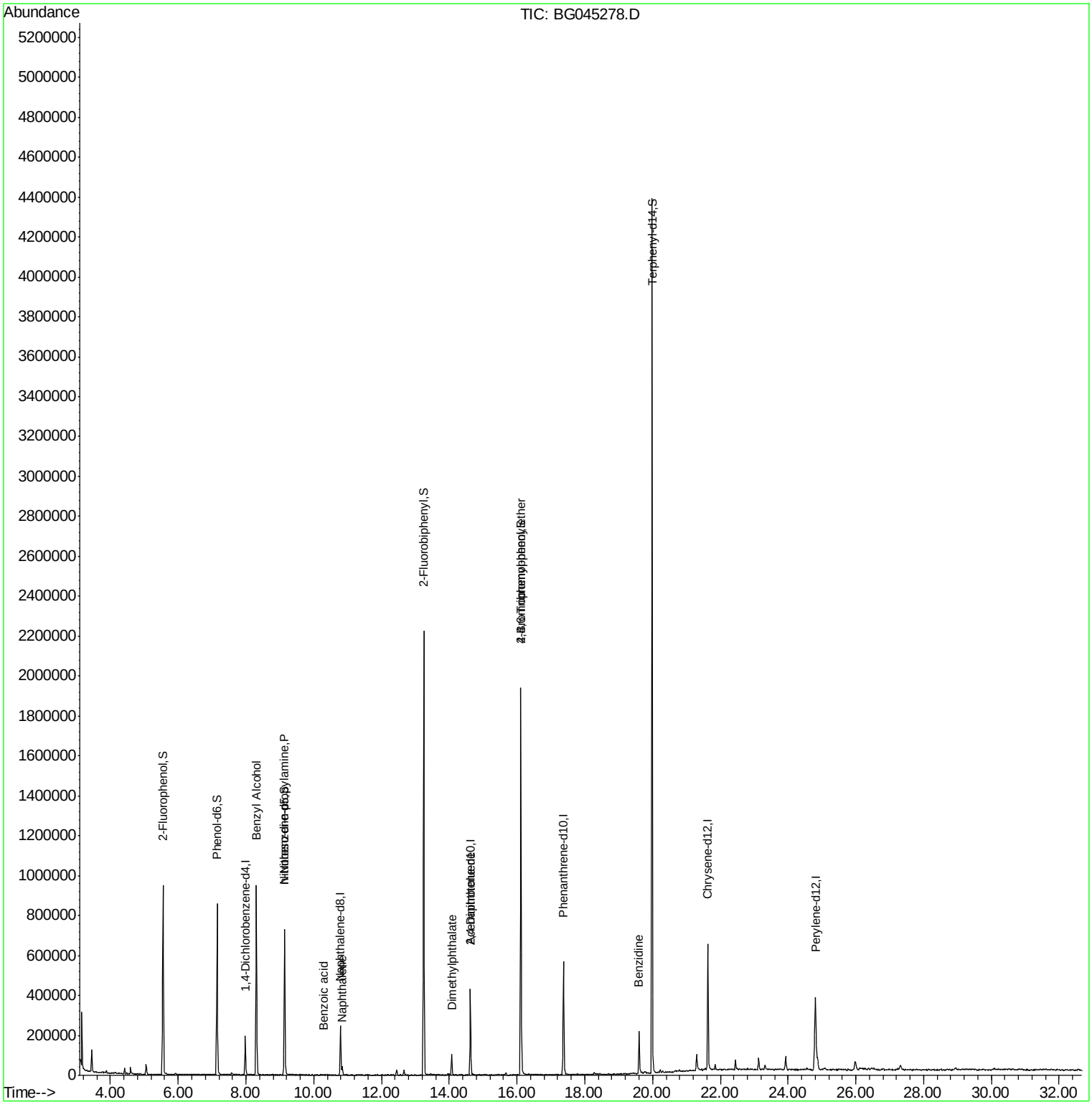
(#) = qualifier out of range (m) = manual integration (+) = signals summed

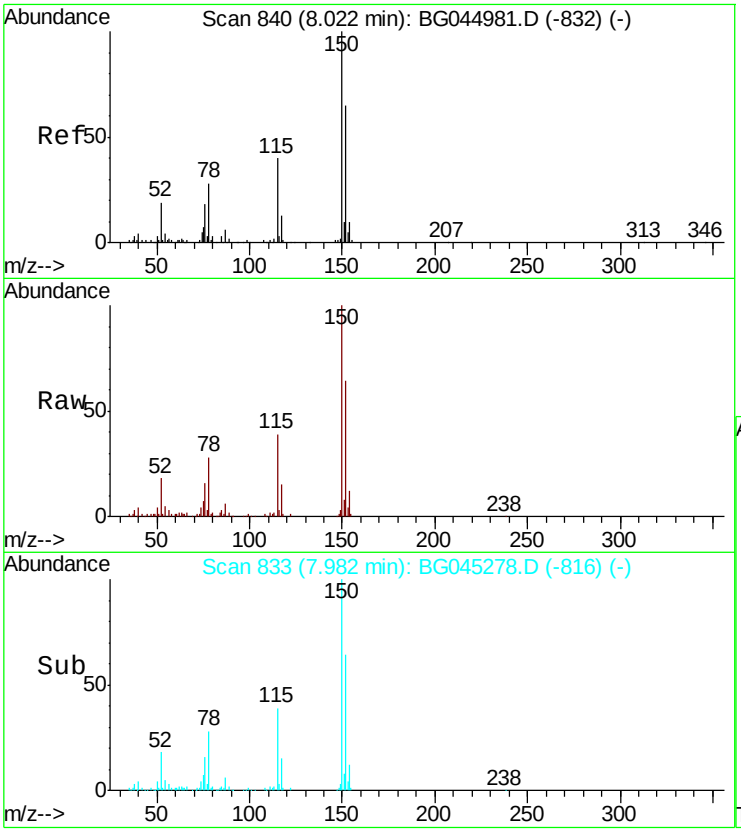
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050720\
Data File : BG045278.D
Acq On : 7 May 2020 20:40
Operator : CG/JU
Sample : L2498-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: May 08 03:44:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 07 12:51:10 2020
Response via : Initial Calibration



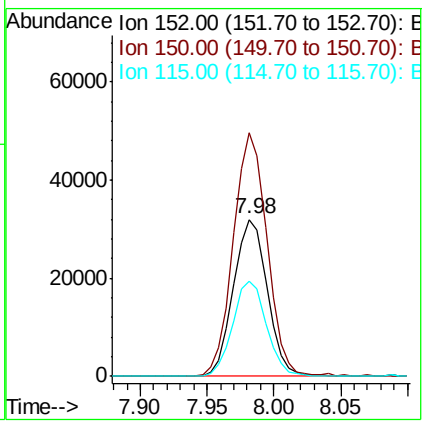


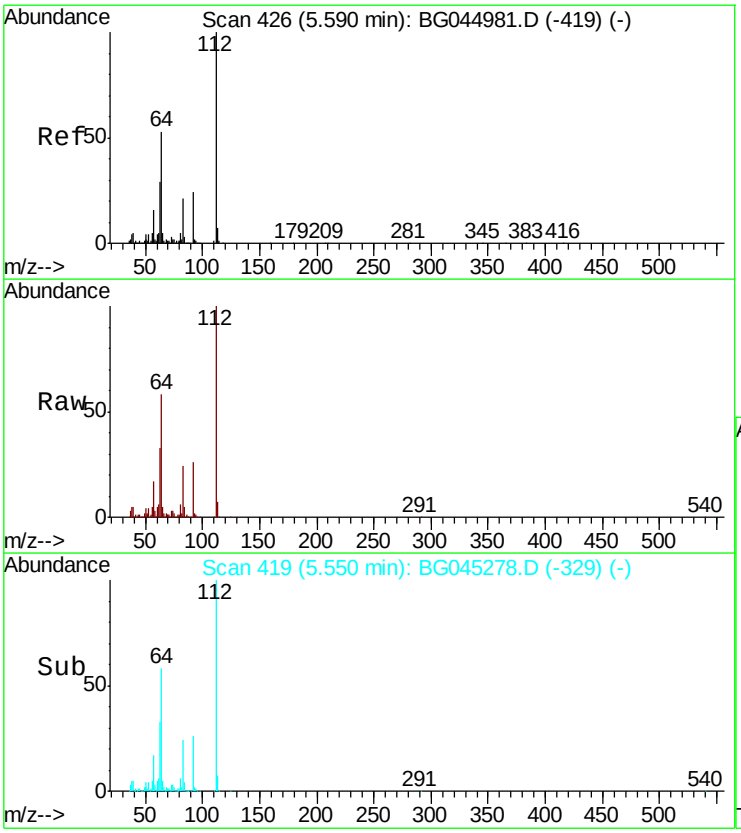
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 833
Delta R.T. -0.00 min
Lab File: BG045278.D
Acq: 7 May 2020 20:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 56292

Ion	Ratio	Lower	Upper
152	100		
150	155.2	123.6	185.4
115	60.7	49.1	73.7

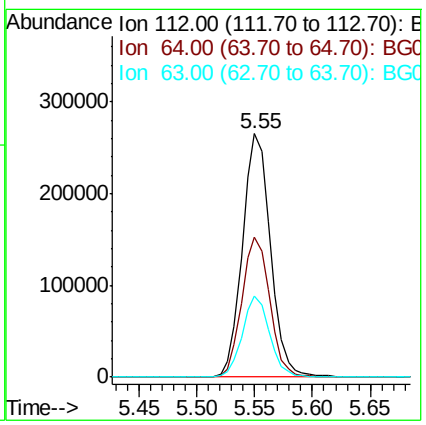


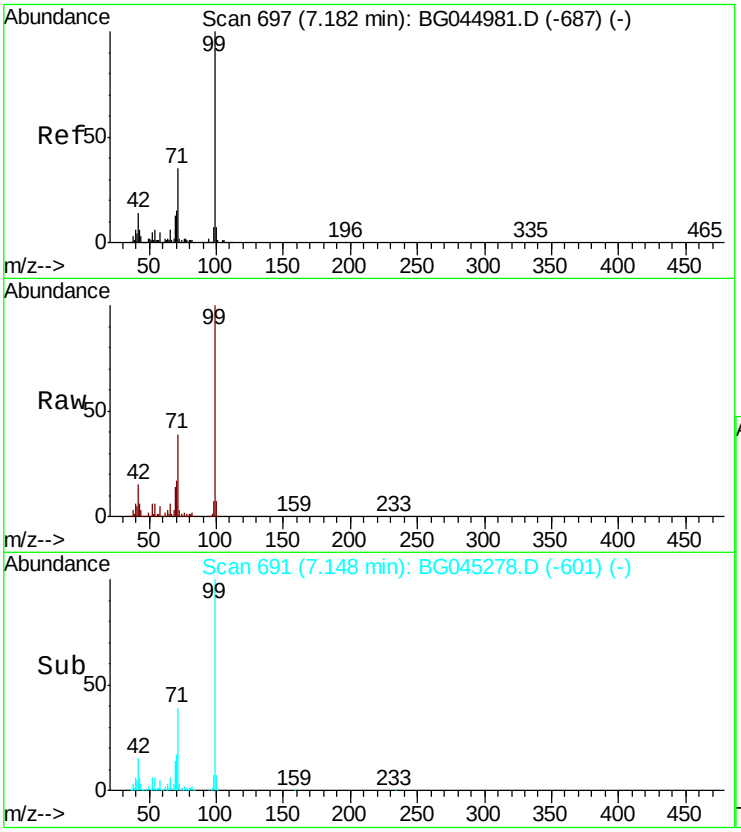


#5
2-Fluorophenol
Concen: 131.386 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.00 min
Lab File: BG045278.D
Acq: 7 May 2020 20:40

Tgt Ion:112 Resp: 447984

Ion	Ratio	Lower	Upper
112	100		
64	57.6	42.4	63.6
63	33.1	23.1	34.7



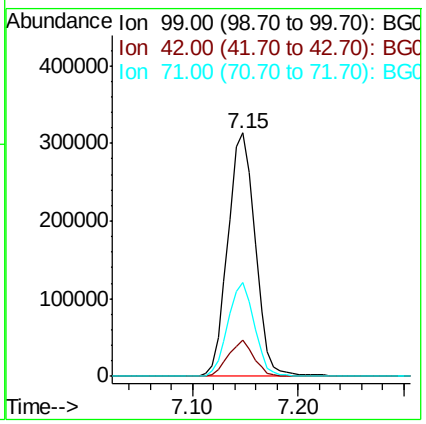


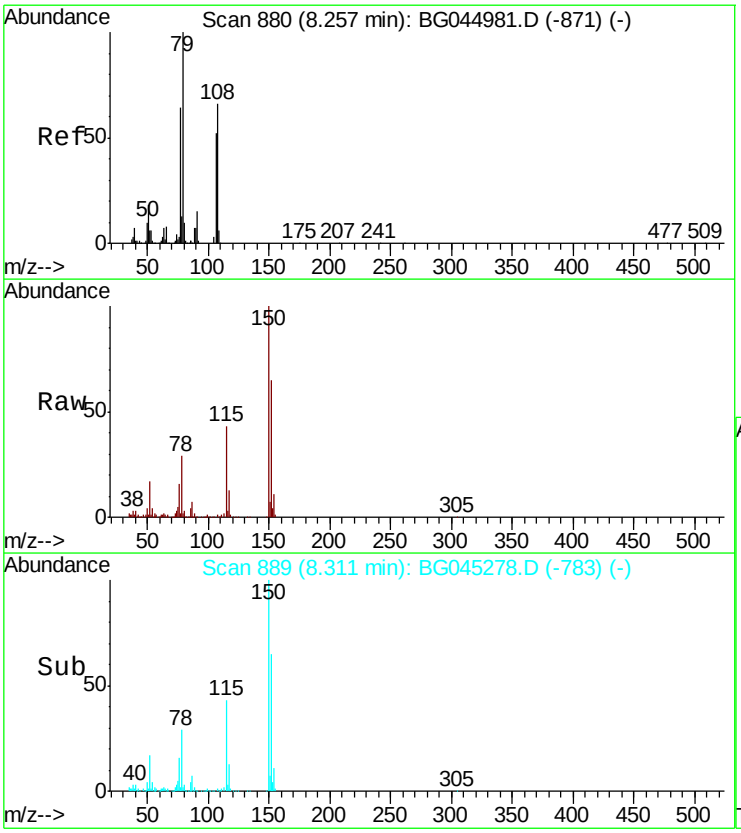
#7
Phenol-d6
Concen: 110.743 ng
RT: 7.15 min Scan# 691
Delta R.T. -0.00 min
Lab File: BG045278.D
Acq: 7 May 2020 20:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 561015

Ion	Ratio	Lower	Upper
99	100		
42	14.8	11.3	16.9
71	38.7	28.3	42.5

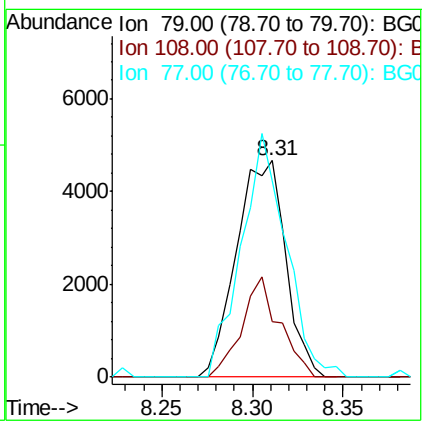


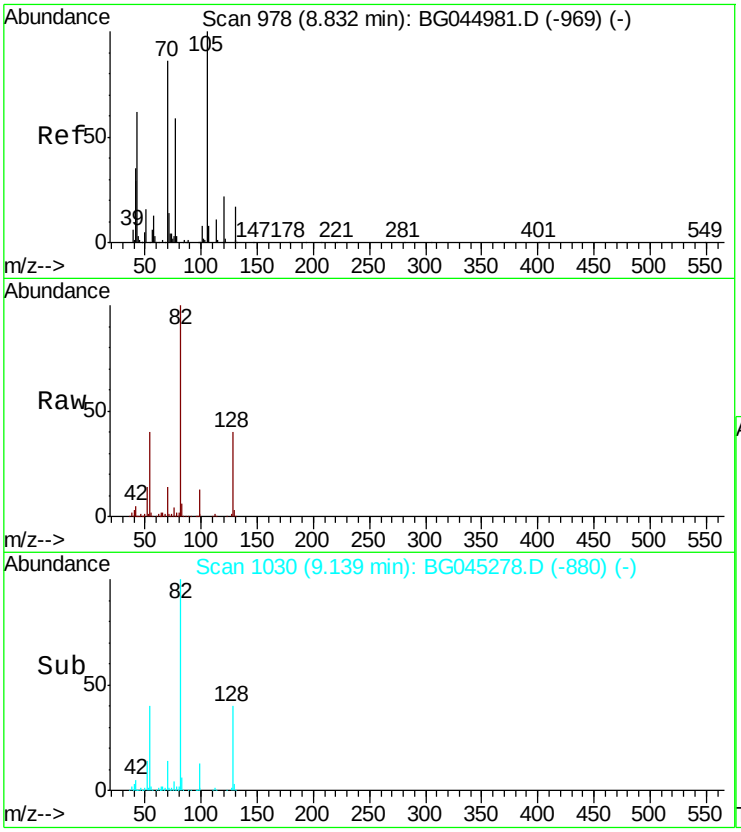


#15
Benzyl Alcohol
Concen: 2.077 ng
RT: 8.31 min Scan# 889
Delta R.T. 0.09 min
Lab File: BG045278.D
Acq: 7 May 2020 20:40

Tgt Ion: 79 Resp: 8820

Ion	Ratio	Lower	Upper
79	100		
108	25.3	52.7	79.1#
77	90.5	51.3	76.9#



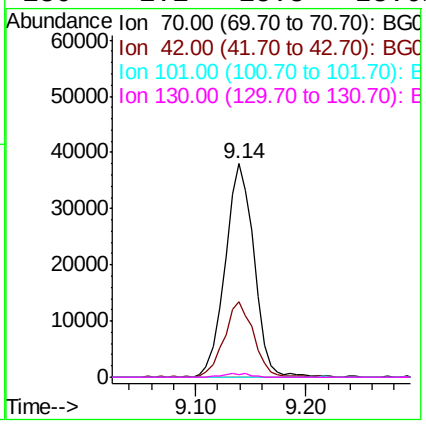


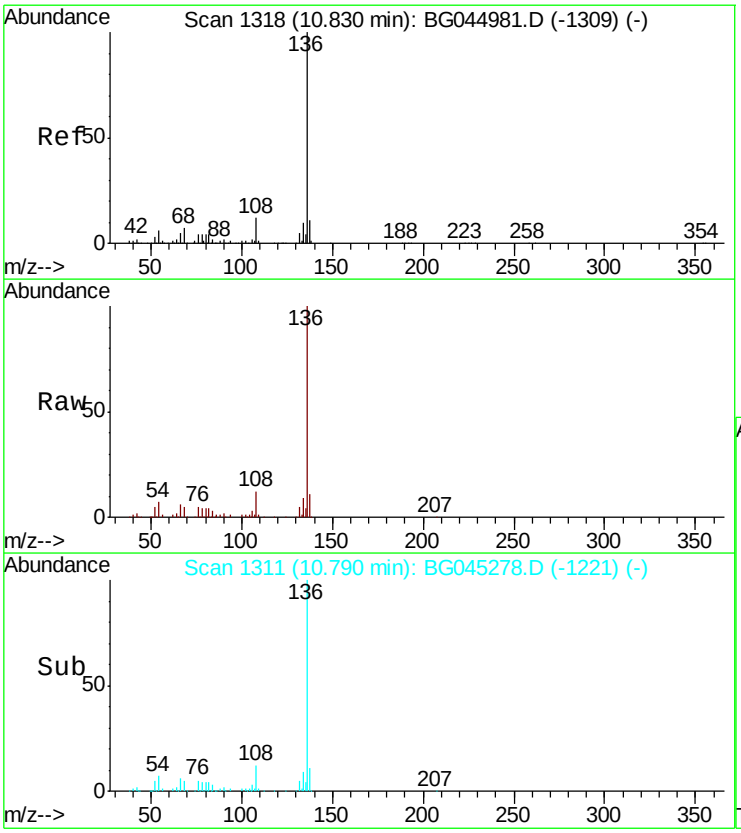
#19
n-Nitroso-di-n-propylamine
Concen: 19.412 ng
RT: 9.14 min Scan# 1030
Delta R.T. 0.35 min
Lab File: BG045278.D
Acq: 7 May 2020 20:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 69547

Ion	Ratio	Lower	Upper
70	100		
42	35.6	33.3	49.9
101	0.0	7.8	11.8#
130	1.1	15.8	23.6#

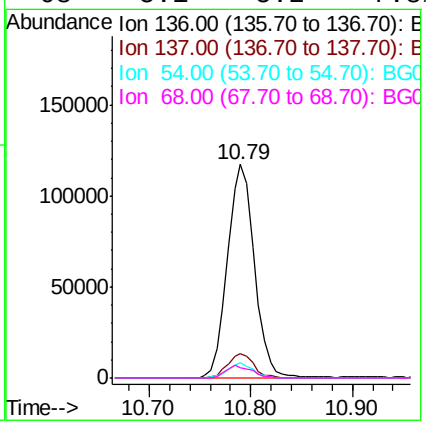


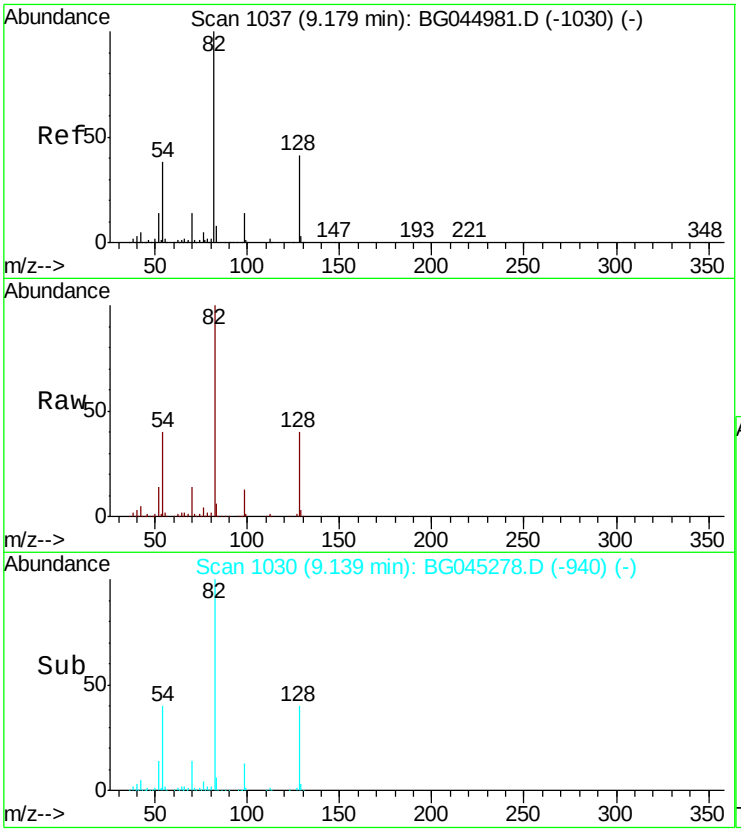


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.79 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BG045278.D
Acq: 7 May 2020 20:40

Tgt Ion:136 Resp: 217233

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	13.0
54	7.3	4.8	7.2#
68	5.1	5.2	7.8#



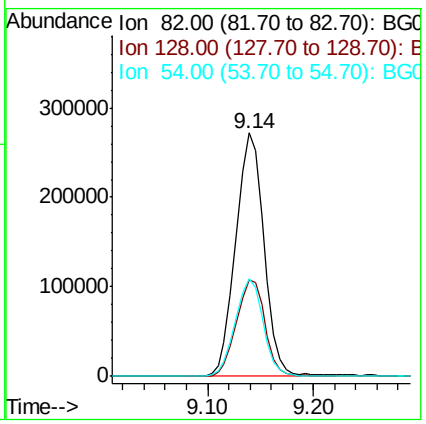


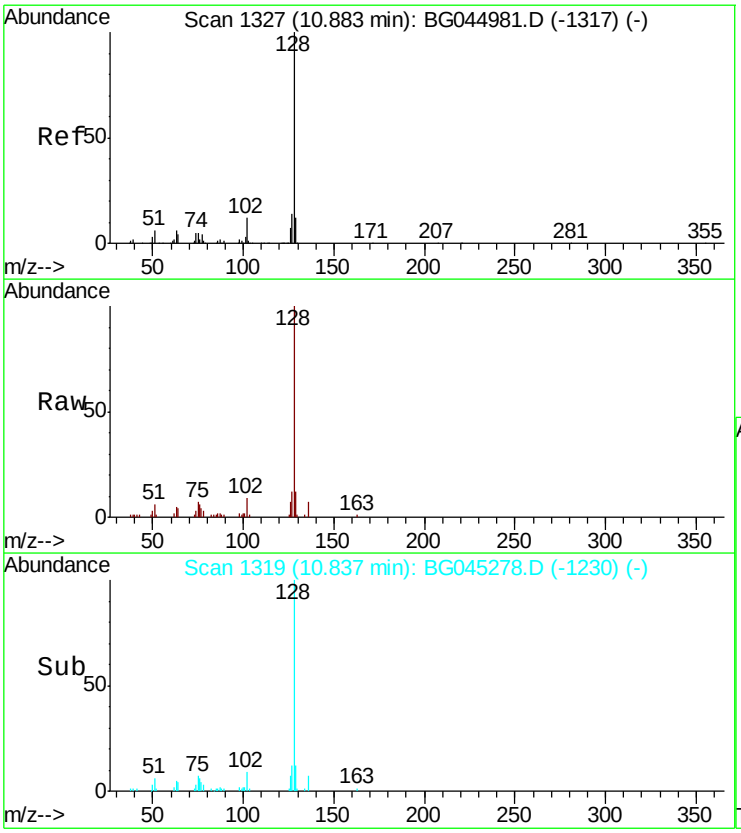
#23
Nitrobenzene-d5
Concen: 106.265 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG045278.D
Acq: 7 May 2020 20:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 505913

Ion	Ratio	Lower	Upper
82	100		
128	39.7	33.0	49.4
54	40.1	30.4	45.6

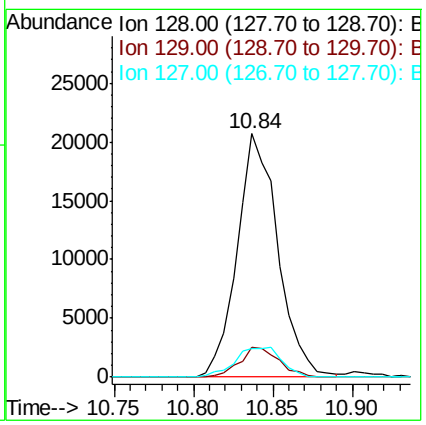


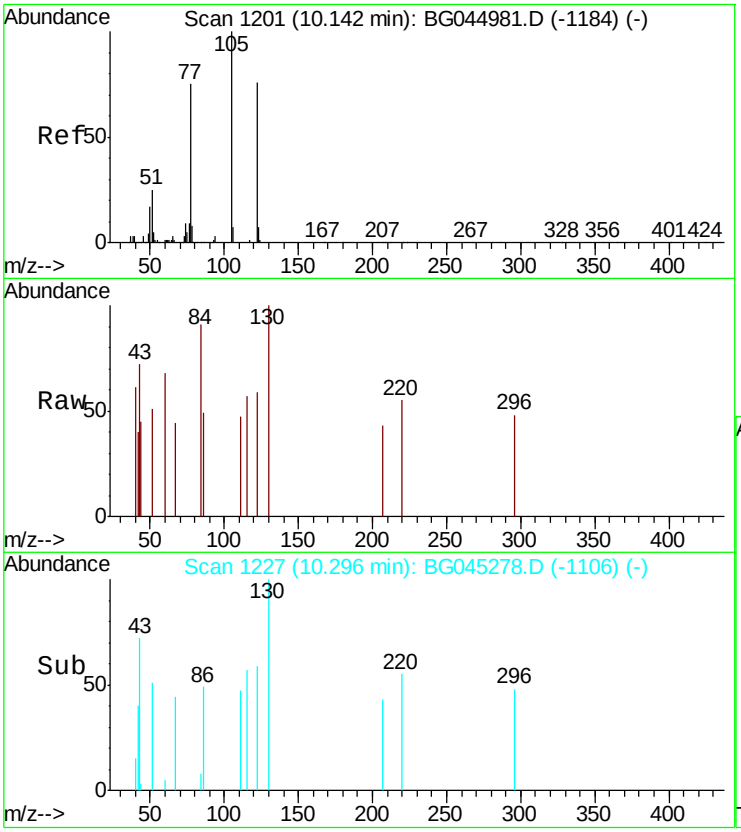


#31
Naphthalene
Concen: 3.100 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG045278.D
Acq: 7 May 2020 20:40

Tgt Ion:128 Resp: 36840

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.4	14.2
127	11.8	10.8	16.2



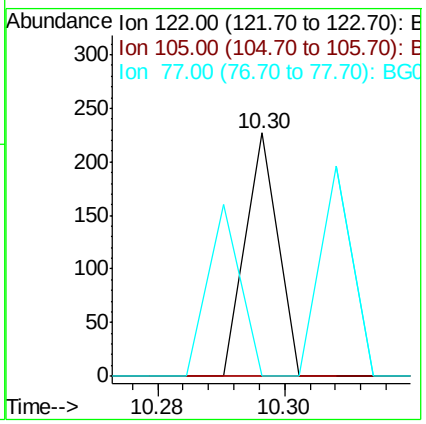


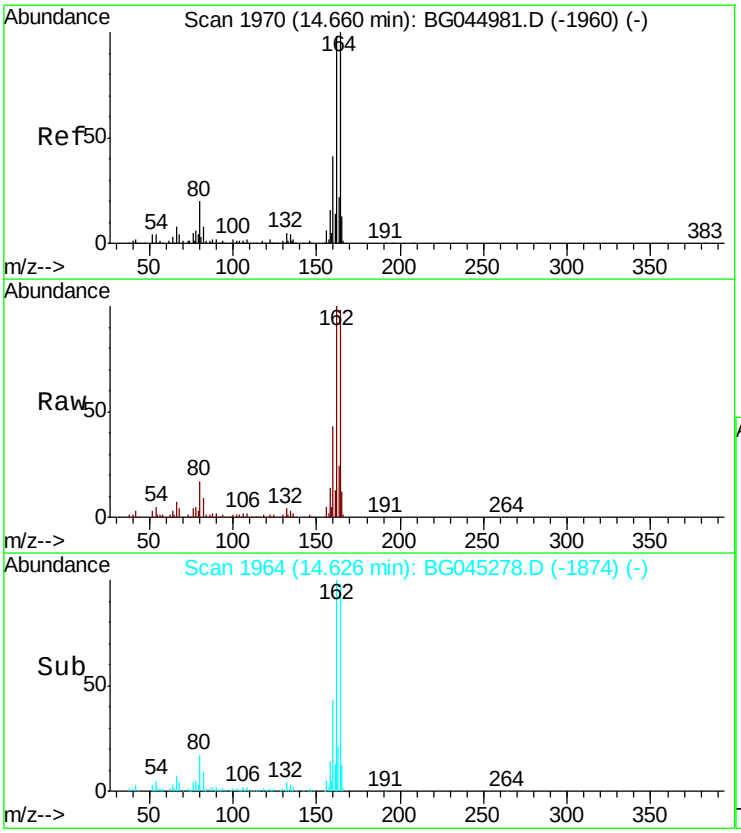
#32
Benzoic acid
Concen: 6.400 ng
RT: 10.30 min Scan# 1227
Delta R.T. 0.18 min
Lab File: BG045278.D
Acq: 7 May 2020 20:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 80

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

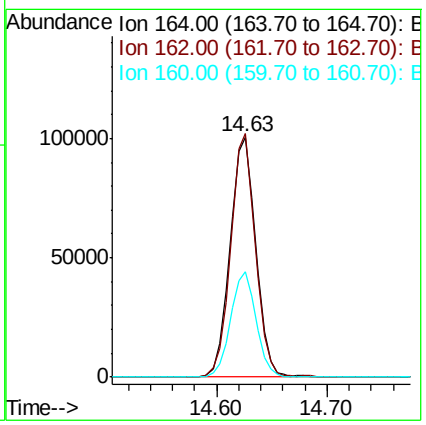


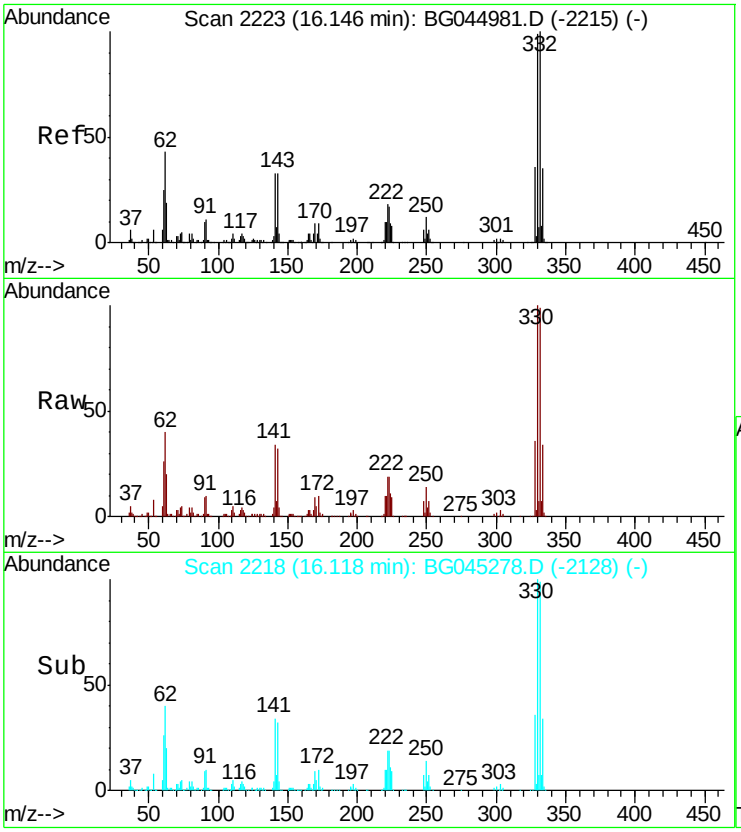


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG045278.D
Acq: 7 May 2020 20:40

Tgt Ion:164 Resp: 164491

Ion	Ratio	Lower	Upper
164	100		
162	101.5	78.7	118.1
160	43.8	32.8	49.2



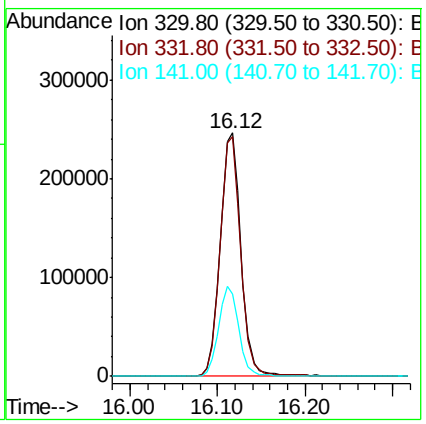


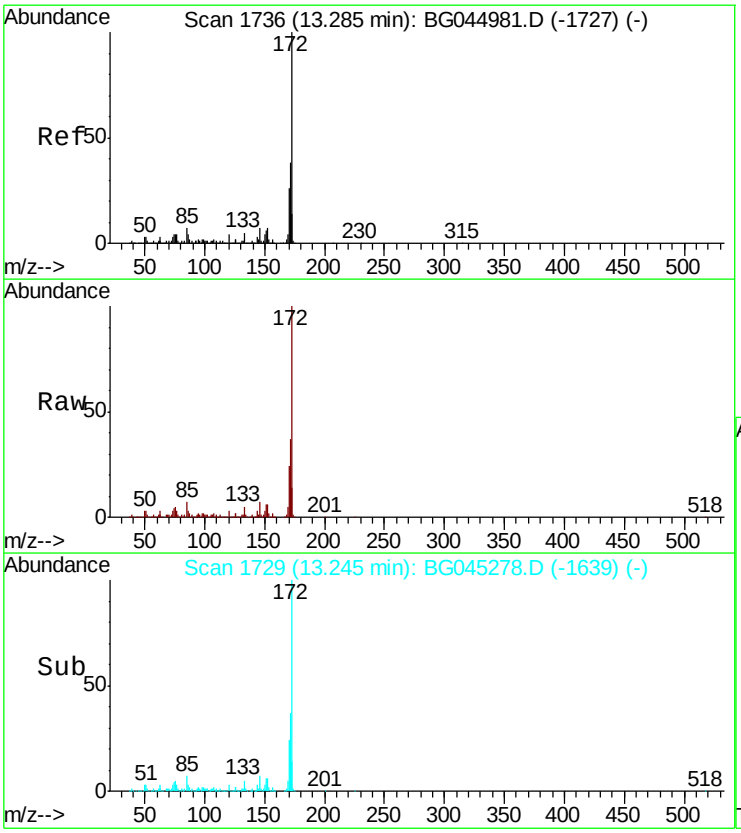
#42
2,4,6-Tribromophenol
Concen: 159.395 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BG045278.D
Acq: 7 May 2020 20:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 405050

Ion	Ratio	Lower	Upper
330	100		
332	97.2	79.1	118.7
141	35.9	27.1	40.7

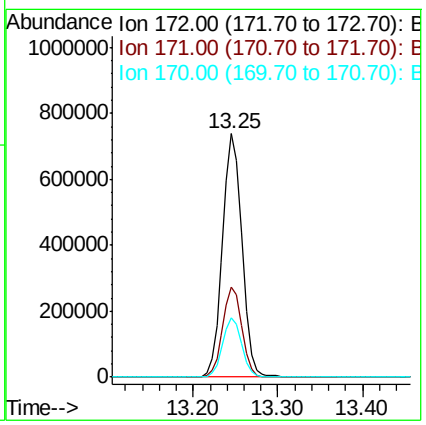


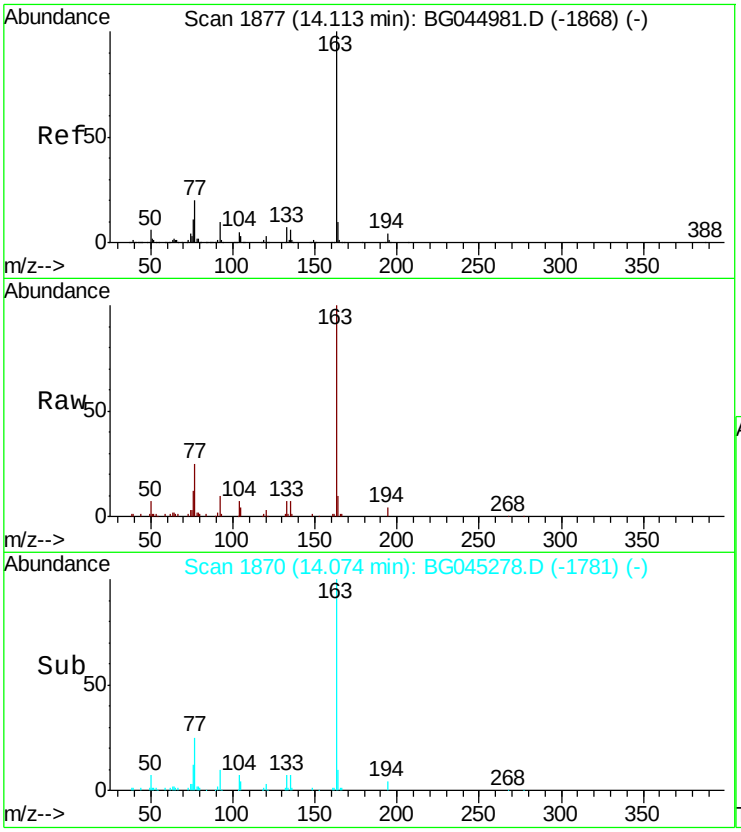


#45
2-Fluorobiphenyl
Concen: 104.831 ng
RT: 13.25 min Scan# 1729
Delta R.T. -0.00 min
Lab File: BG045278.D
Acq: 7 May 2020 20:40

Tgt Ion:172 Resp: 1175989

Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.6	46.0
170	24.4	20.5	30.7



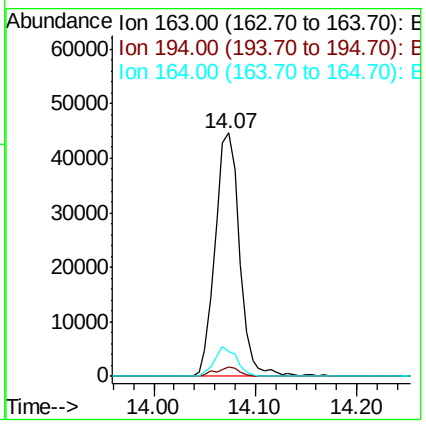


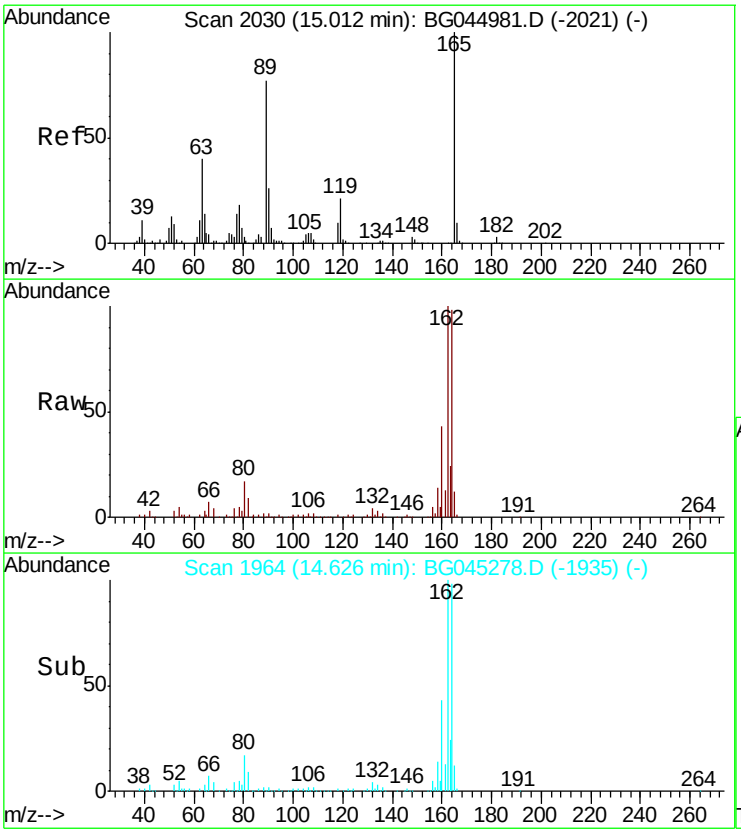
#50
Dimethylphthalate
Concen: 5.575 ng
RT: 14.07 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BG045278.D
Acq: 7 May 2020 20:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 74672

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.5	5.3
164	10.1	8.2	12.4

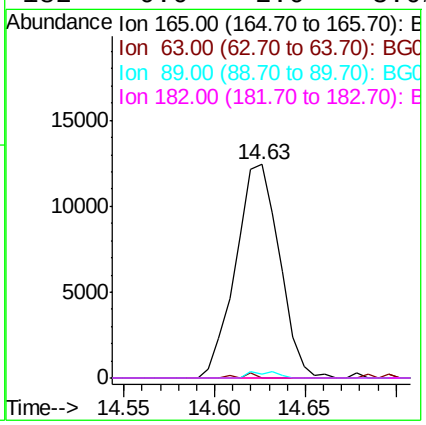


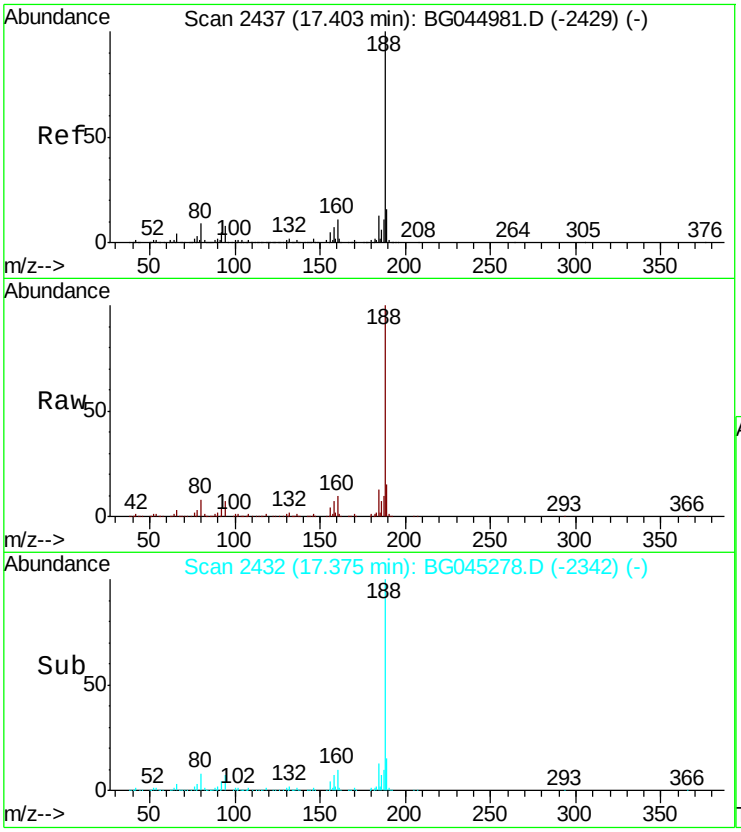


#57
2,4-Dinitrotoluene
Concen: 4.799 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.36 min
Lab File: BG045278.D
Acq: 7 May 2020 20:40

Tgt Ion:165 Resp: 21008

Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.2	48.2#
89	1.6	61.7	92.5#
182	0.0	2.0	3.0#



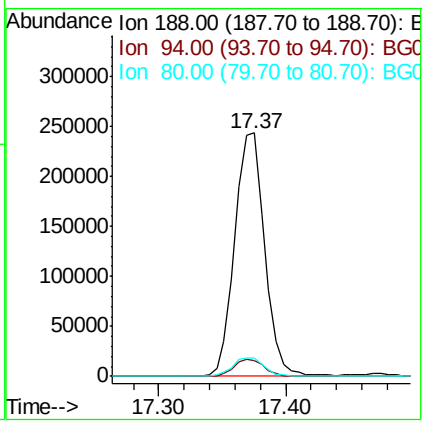


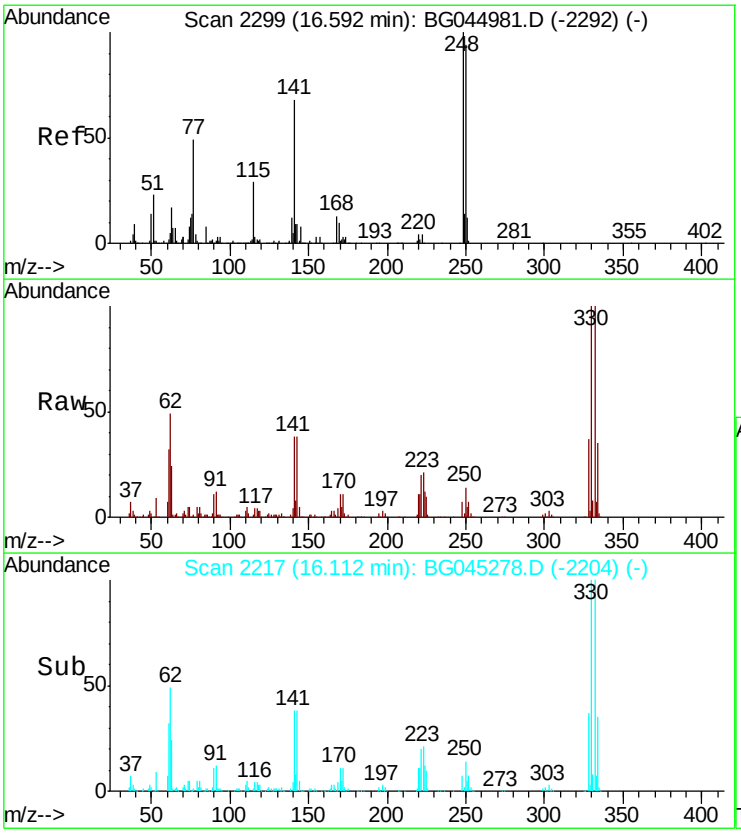
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2432
Delta R.T. -0.00 min
Lab File: BG045278.D
Acq: 7 May 2020 20:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 397702

Ion	Ratio	Lower	Upper
188	100		
94	6.7	6.2	9.4
80	7.6	7.0	10.6

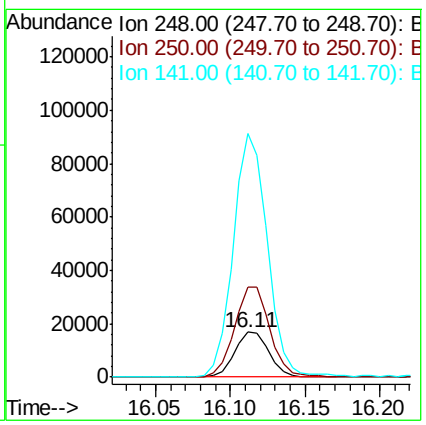


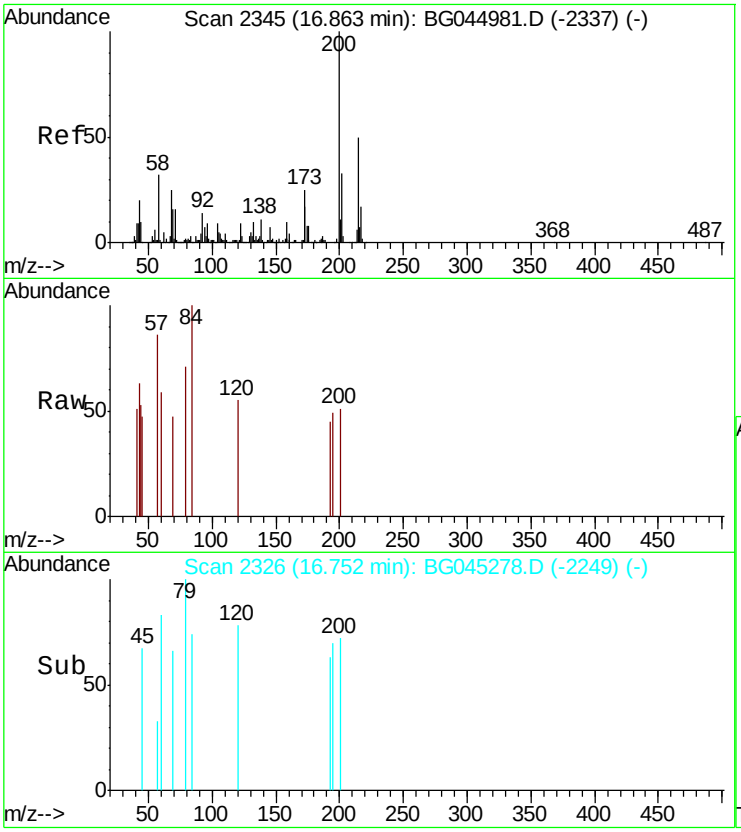


#67
4-Bromophenyl-phenylether
Concen: 5.268 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.45 min
Lab File: BG045278.D
Acq: 7 May 2020 20:40

Tgt Ion:248 Resp: 27029

Ion	Ratio	Lower	Upper
248	100		
250	201.8	75.4	113.2#
141	543.3	54.4	81.6#



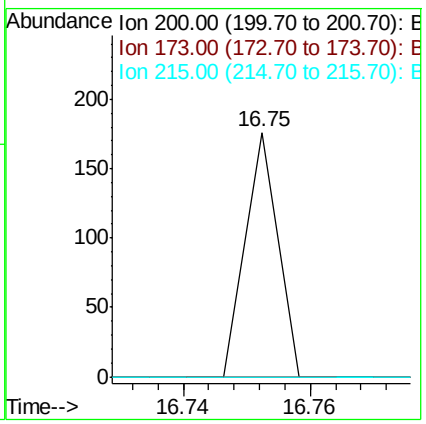


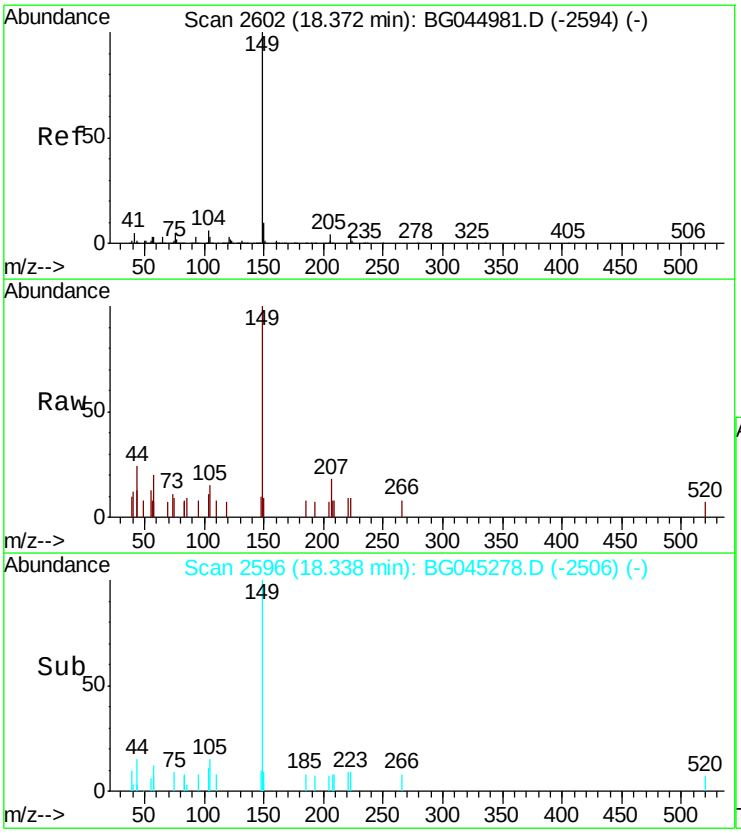
#69
Atrazine
Concen: Below Cal
RT: 16.75 min Scan# 2326
Delta R.T. -0.08 min
Lab File: BG045278.D
Acq: 7 May 2020 20:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:200 Resp: 62

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

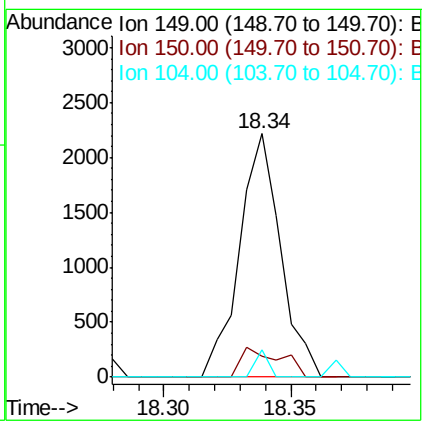


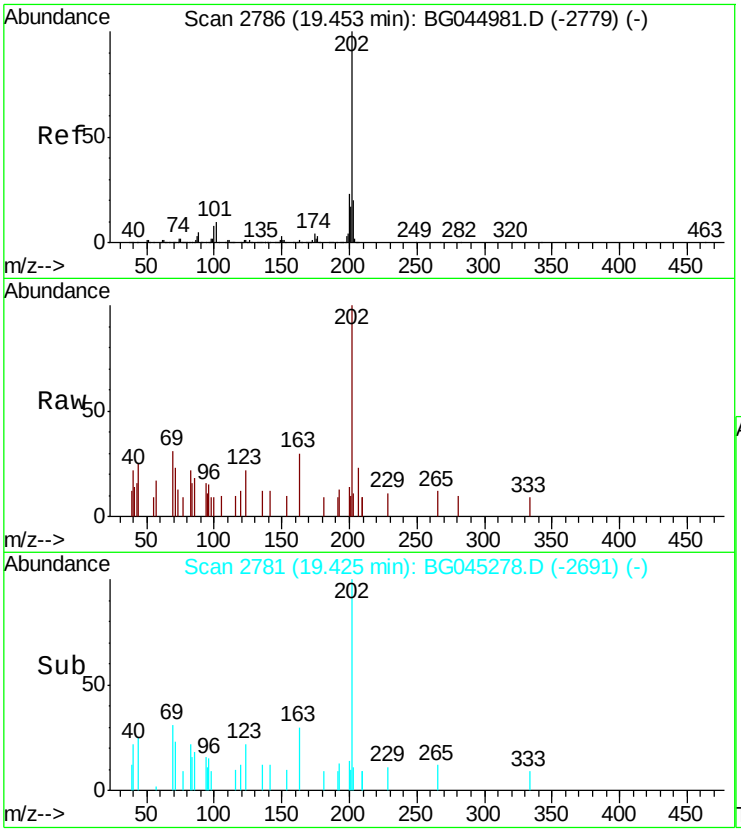


#74
Di-n-butylphthalate
Concen: Below Cal
RT: 18.34 min Scan# 2596
Delta R.T. -0.00 min
Lab File: BG045278.D
Acq: 7 May 2020 20:40

Tgt Ion:149 Resp: 2497

Ion	Ratio	Lower	Upper
149	100		
150	8.6	8.2	12.2
104	11.3	4.8	7.2#



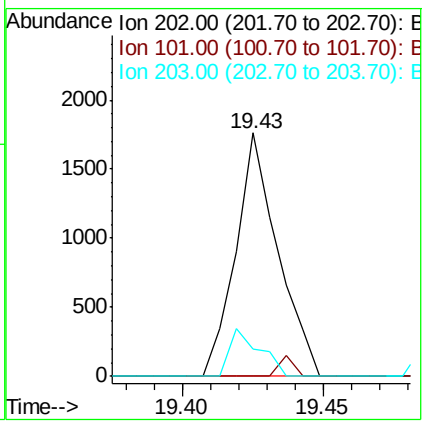


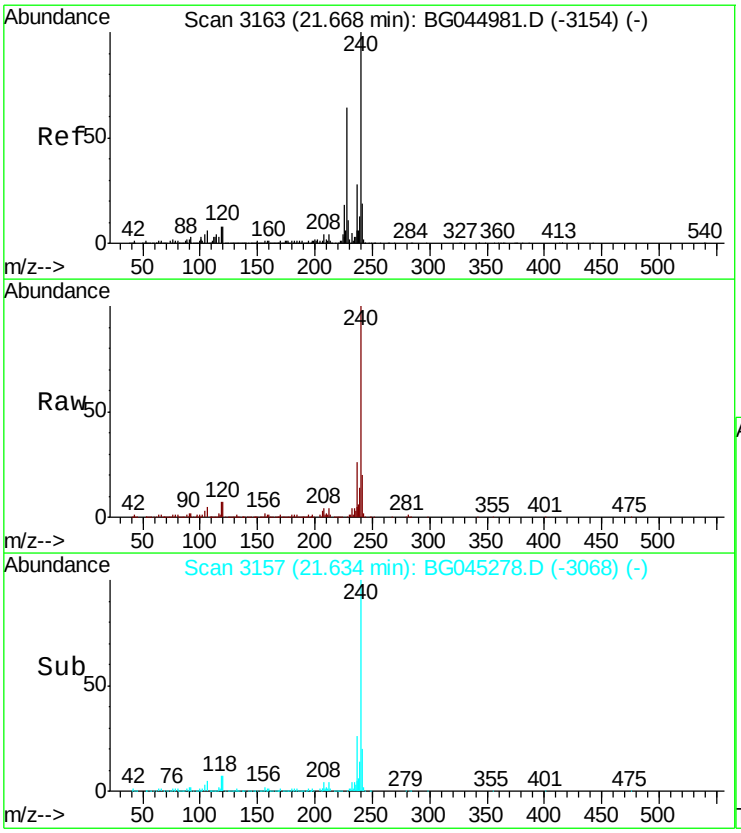
#75
Fluoranthene
Concen: Below Cal
RT: 19.43 min Scan# 2781
Delta R.T. -0.00 min
Lab File: BG045278.D
Acq: 7 May 2020 20:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 1818

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	29.6
203	11.1	0.0	39.7

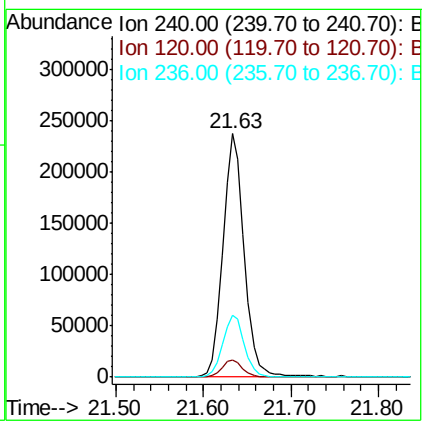


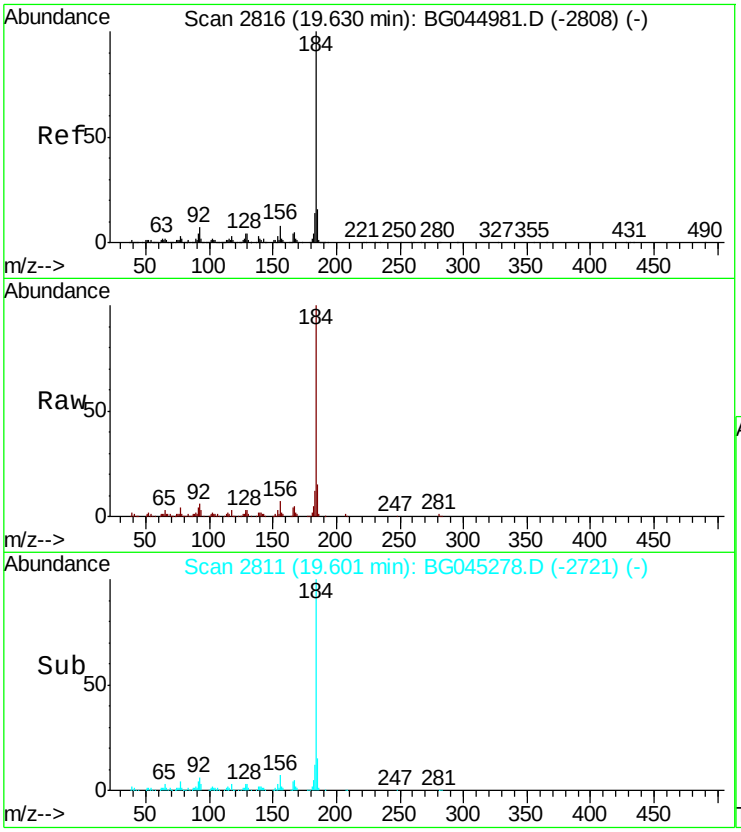


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3157
Delta R.T. -0.01 min
Lab File: BG045278.D
Acq: 7 May 2020 20:40

Tgt Ion:240 Resp: 396722

Ion	Ratio	Lower	Upper
240	100		
120	7.2	6.6	10.0
236	25.5	22.2	33.2



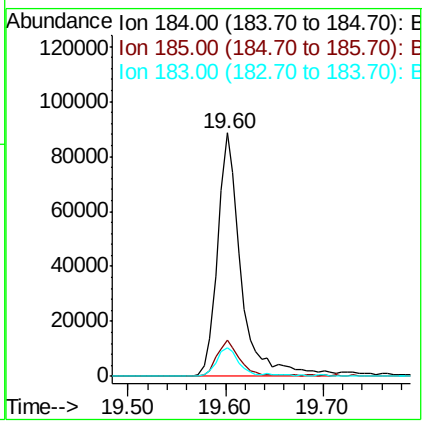


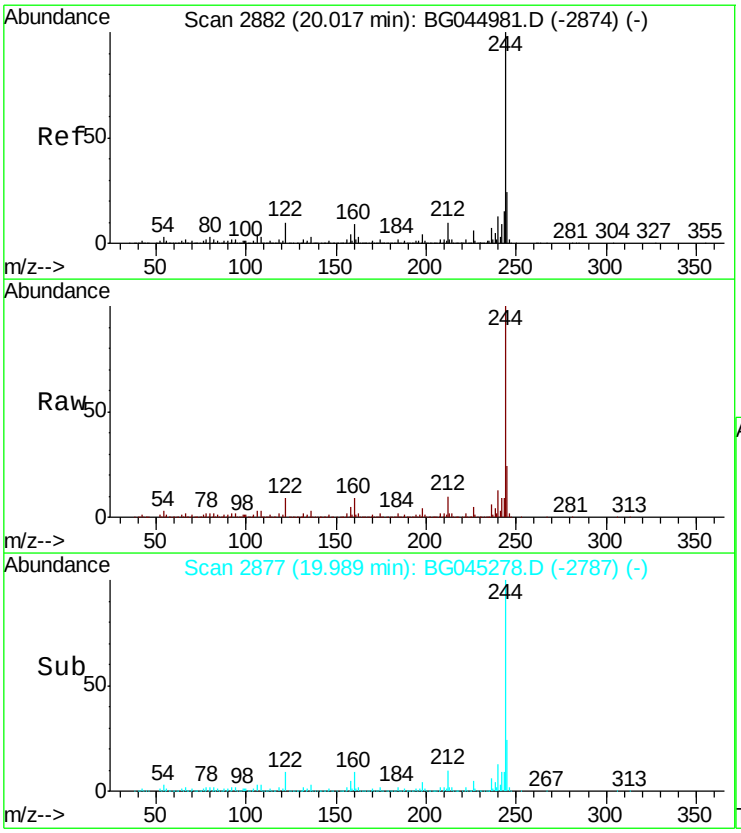
#77
Benzidine
Concen: 7.935 ng
RT: 19.60 min Scan# 2811
Delta R.T. -0.00 min
Lab File: BG045278.D
Acq: 7 May 2020 20:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 147538

Ion	Ratio	Lower	Upper
184	100		
185	15.0	12.6	19.0
183	11.9	11.3	16.9

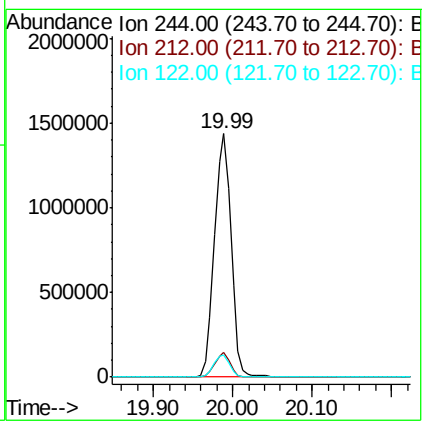


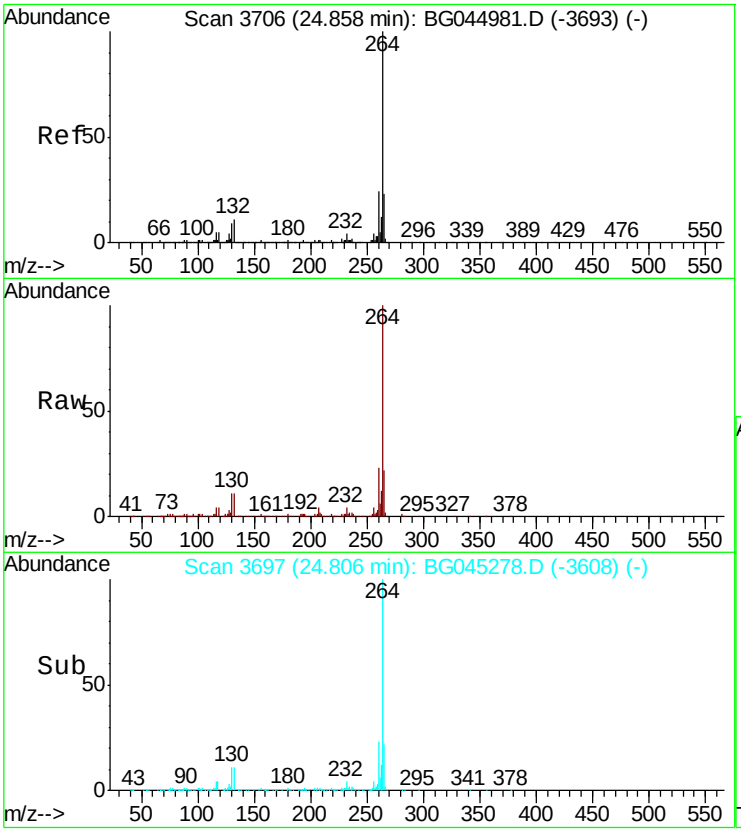


#79
Terphenyl-d14
Concen: 115.103 ng
RT: 19.99 min Scan# 2877
Delta R.T. -0.00 min
Lab File: BG045278.D
Acq: 7 May 2020 20:40

Tgt Ion:244 Resp: 2095098

Ion	Ratio	Lower	Upper
244	100		
212	10.1	7.9	11.9
122	9.0	7.7	11.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.81 min Scan# 3697
Delta R.T. -0.01 min
Lab File: BG045278.D
Acq: 7 May 2020 20:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 419067

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.4	19.0	28.4