Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042820\
Data File : BG045195.D
Acq On : 28 Apr 2020 21:33
Operator : CG/JU
Sample : L2428-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 29 01:19:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 28 14:34:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	58076	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	235581	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	183266	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	460357	20.00	ng	0.00
76) Chrysene-d12	21.64	240	434342	20.00	ng	0.00
87) Perylene-d12	24.81	264	472109	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	316619	90.01	ng	0.00
7) Phenol-d6	7.15	99	467389	89.43	ng	0.00
23) Nitrobenzene-d5	9.14	82	312639	60.55	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	281997	99.60	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	795104	63.62	ng	0.00
79) Terphenyl-d14	19.99	244	1433138	71.92	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.15	77	1051	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.14	70	40444	10.942	ng	# 81
32) Benzoic acid	10.05	122	61	6.392	ng	# 1
50) Dimethylphthalate	14.08	163	95713	6.414	ng	98
57) 2,4-Dinitrotoluene	14.63	165	24223	4.966	ng	# 22
67) 4-Bromophenyl-phenylether	16.12	248	18655	3.141	ng	# 1
69) Atrazine	16.83	200	115	Below Cal	#	35
74) Di-n-butylphthalate	18.34	149	1696	Below Cal	#	76
75) Fluoranthene	19.42	202	1555	Below Cal		62
77) Benzidine	19.99	184	26541	Below Cal	#	92

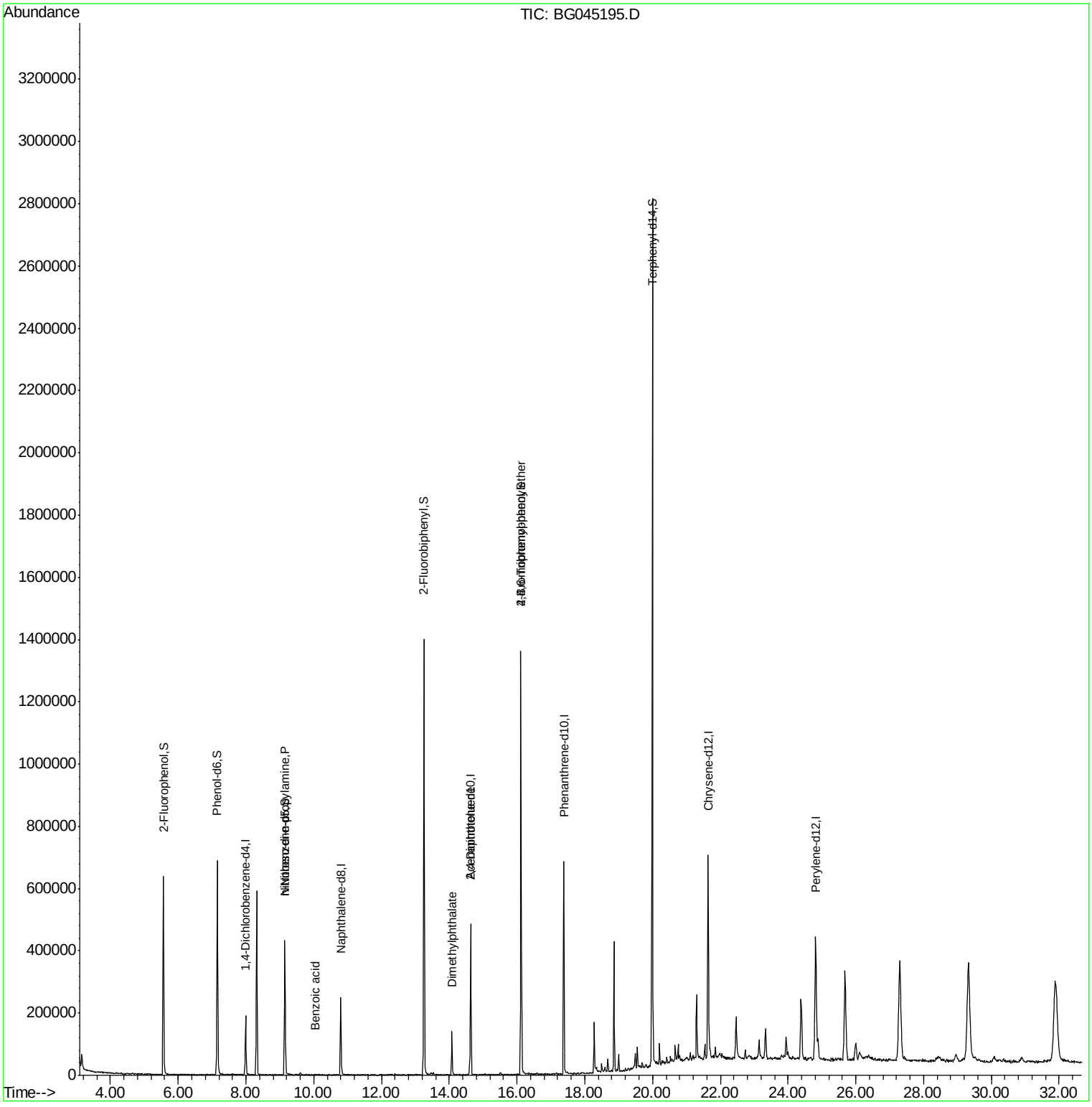
(#) = qualifier out of range (m) = manual integration (+) = signals summed

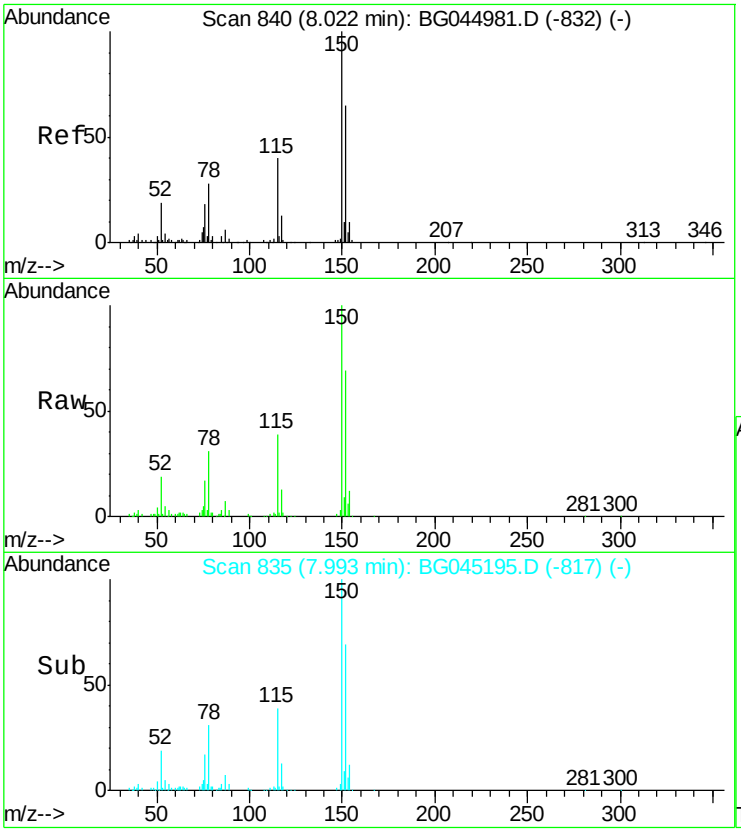
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042820\
Data File : BG045195.D
Acq On : 28 Apr 2020 21:33
Operator : CG/JU
Sample : L2428-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 29 01:19:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 28 14:34:23 2020
Response via : Initial Calibration



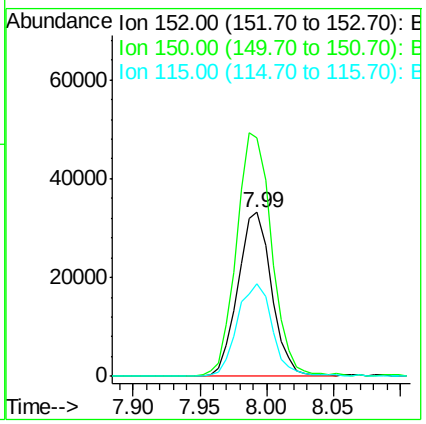


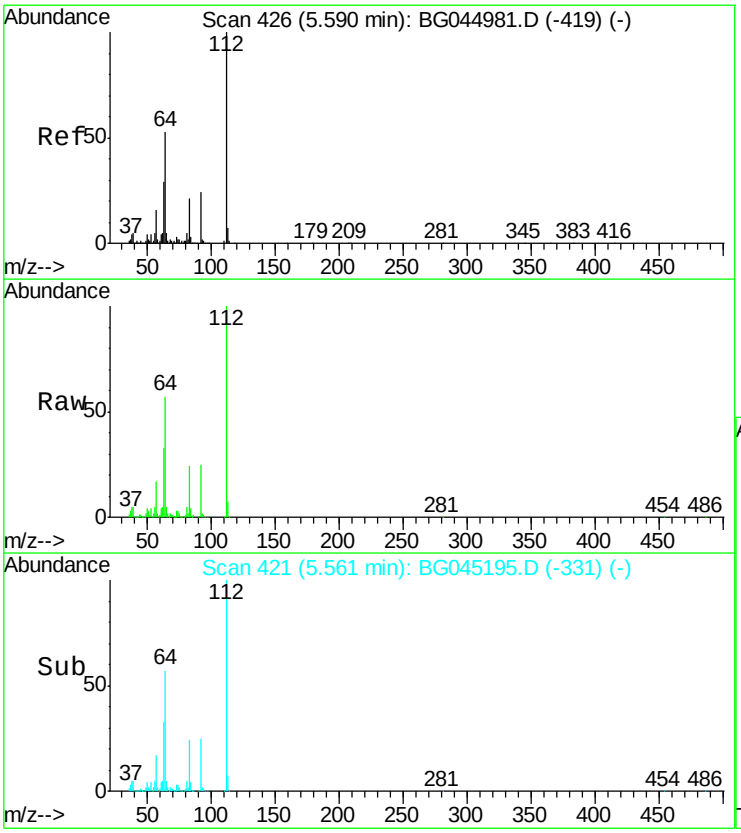
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. 0.01 min
Lab File: BG045195.D
Acq: 28 Apr 2020 21:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 58076

Ion	Ratio	Lower	Upper
152	100		
150	145.5	123.6	185.4
115	56.5	49.1	73.7

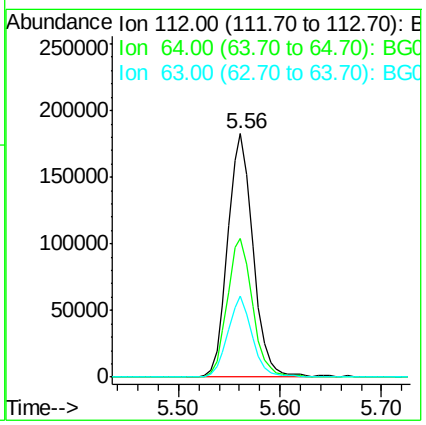


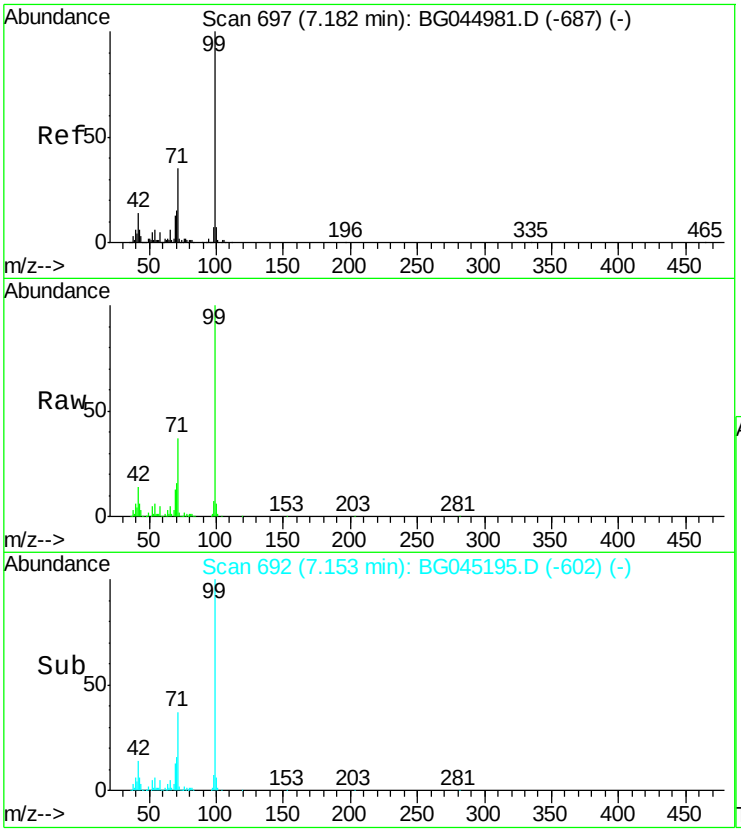


#5
2-Fluorophenol
Concen: 90.006 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.00 min
Lab File: BG045195.D
Acq: 28 Apr 2020 21:33

Tgt Ion:112 Resp: 316619

Ion	Ratio	Lower	Upper
112	100		
64	57.1	42.4	63.6
63	33.1	23.1	34.7



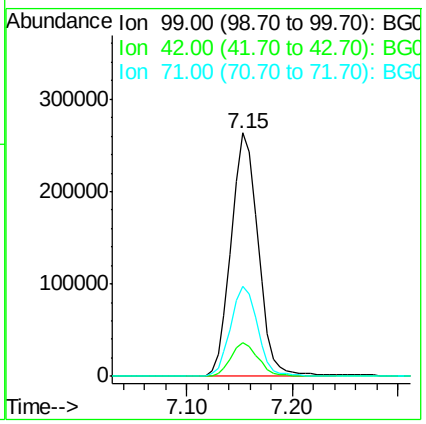


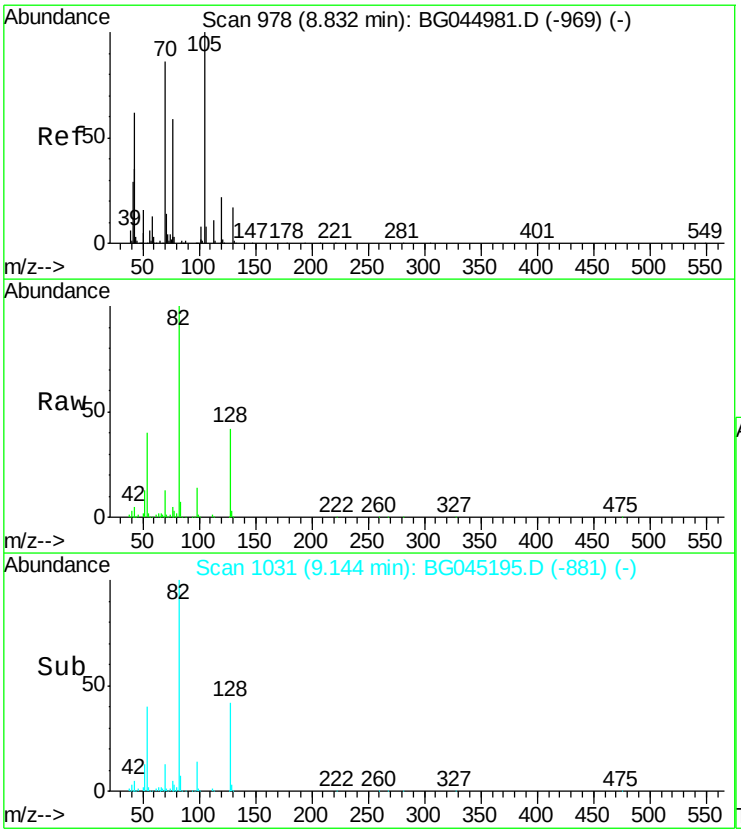
#7
Phenol-d6
Concen: 89.427 ng
RT: 7.15 min Scan# 692
Delta R.T. -0.00 min
Lab File: BG045195.D
Acq: 28 Apr 2020 21:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 467389

Ion	Ratio	Lower	Upper
99	100		
42	14.0	11.3	16.9
71	37.2	28.3	42.5

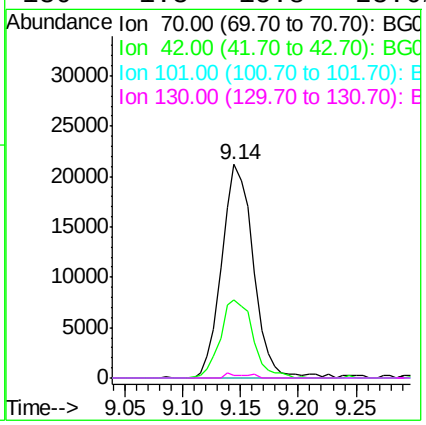


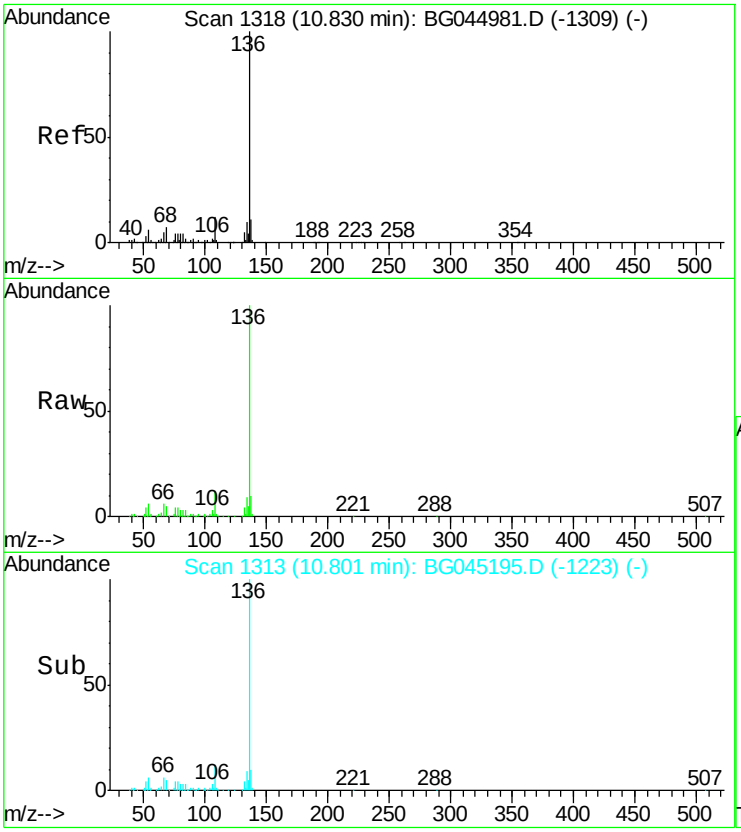


#19
n-Nitroso-di-n-propylamine
Concen: 10.942 ng
RT: 9.14 min Scan# 1031
Delta R.T. 0.35 min
Lab File: BG045195.D
Acq: 28 Apr 2020 21:33

Tgt Ion: 70 Resp: 40444

Ion	Ratio	Lower	Upper
70	100		
42	36.8	33.3	49.9
101	0.0	7.8	11.8#
130	1.3	15.8	23.6#



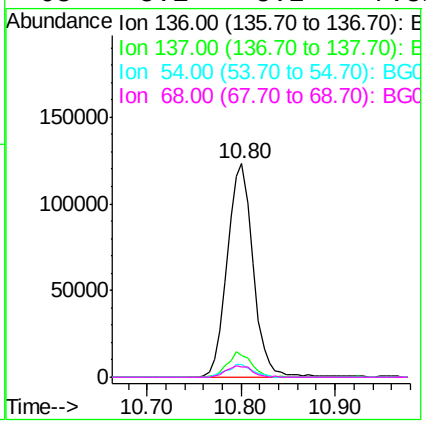


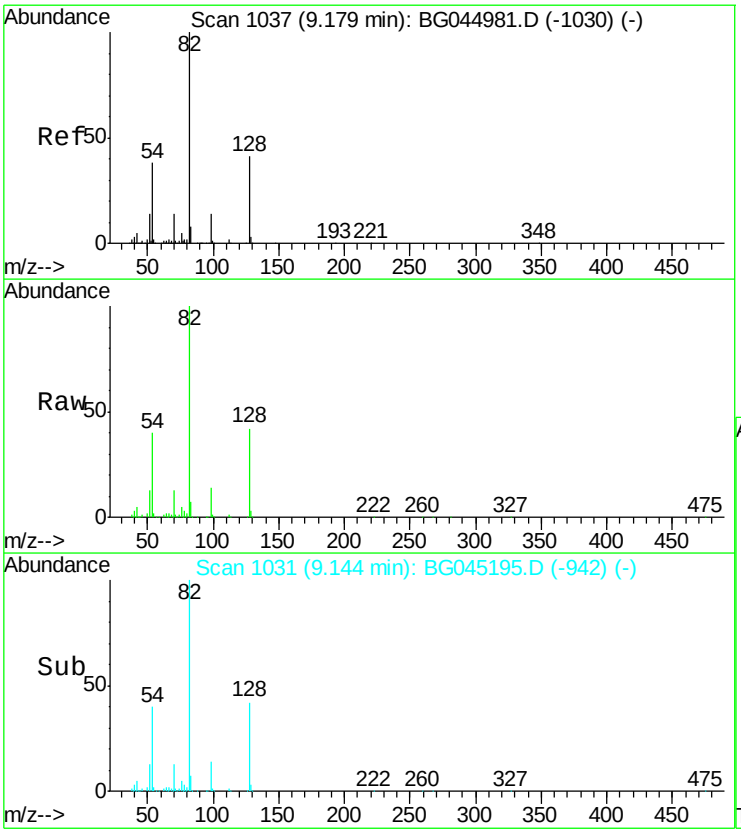
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG045195.D
Acq: 28 Apr 2020 21:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 235581

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	13.0
54	5.8	4.8	7.2
68	5.1	5.2	7.8#

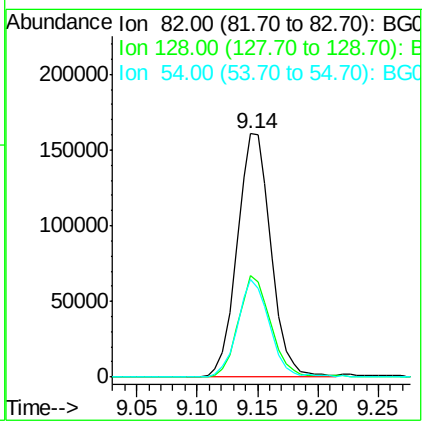


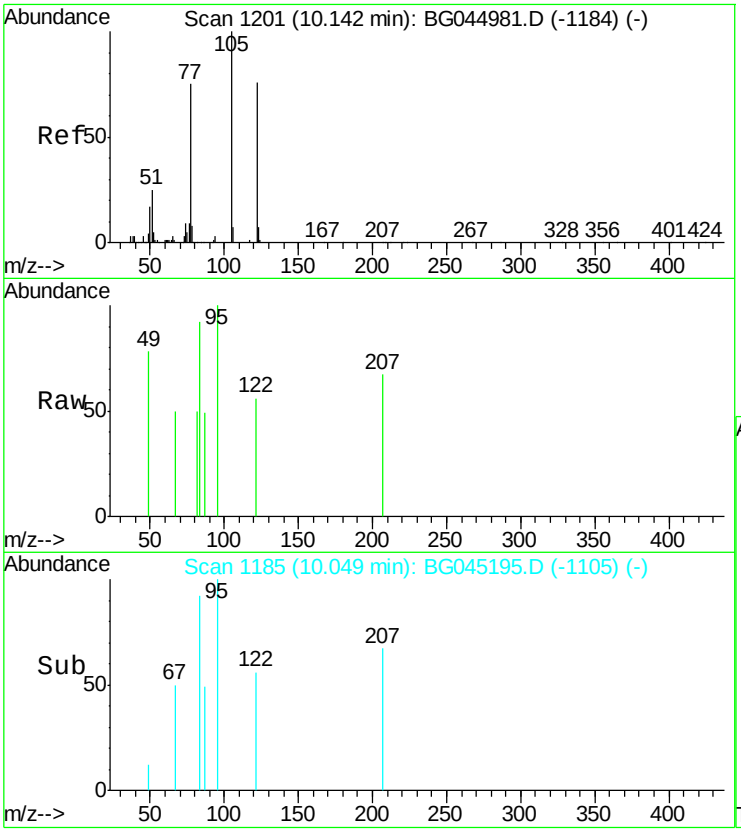


#23
Nitrobenzene-d5
Concen: 60.554 ng
RT: 9.14 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BG045195.D
Acq: 28 Apr 2020 21:33

Tgt Ion: 82 Resp: 312639

Ion	Ratio	Lower	Upper
82	100		
128	41.9	33.0	49.4
54	40.1	30.4	45.6



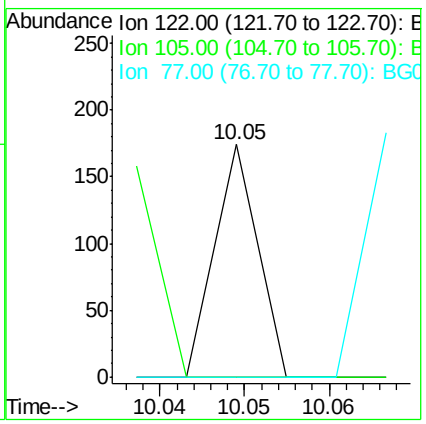


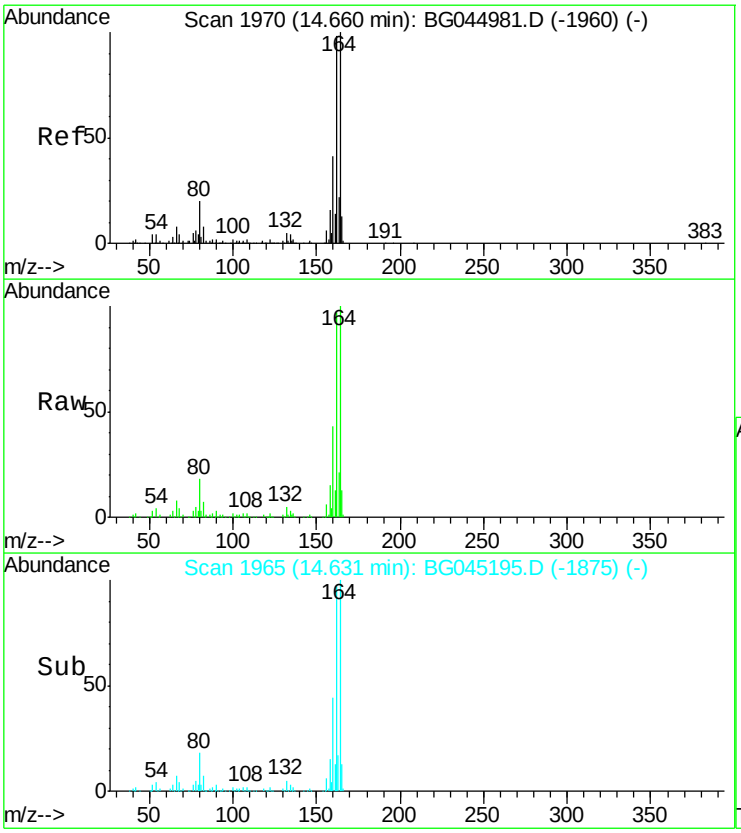
#32
Benzoic acid
Concen: 6.392 ng
RT: 10.05 min Scan# 1185
Delta R.T. -0.06 min
Lab File: BG045195.D
Acq: 28 Apr 2020 21:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 61

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

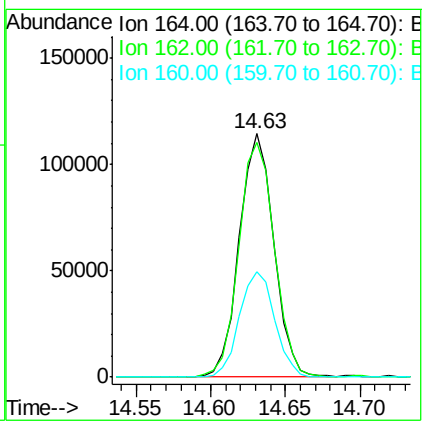


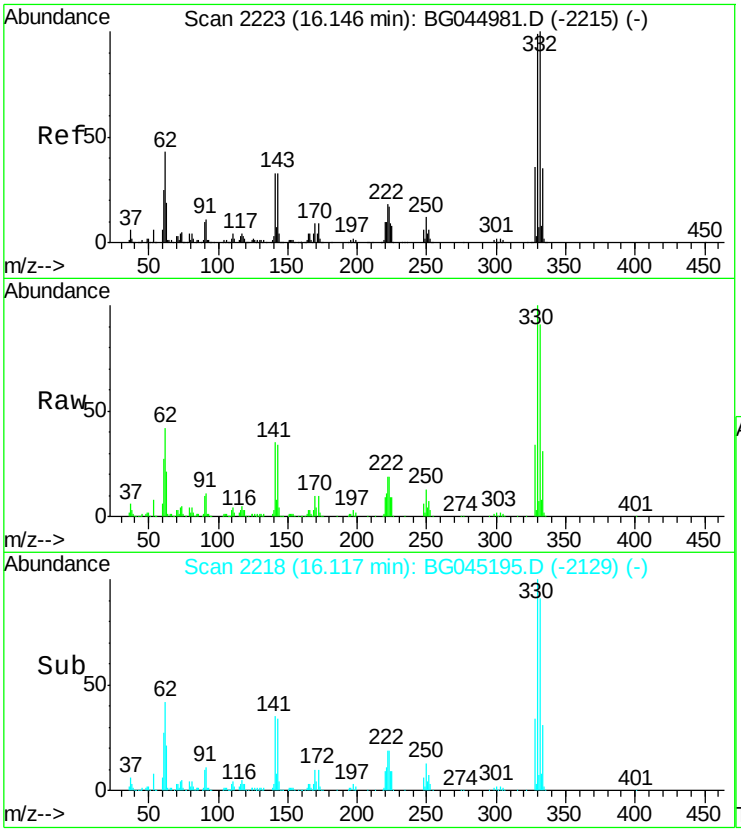


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BG045195.D
Acq: 28 Apr 2020 21:33

Tgt Ion:164 Resp: 183266

Ion	Ratio	Lower	Upper
164	100		
162	96.6	78.7	118.1
160	43.4	32.8	49.2



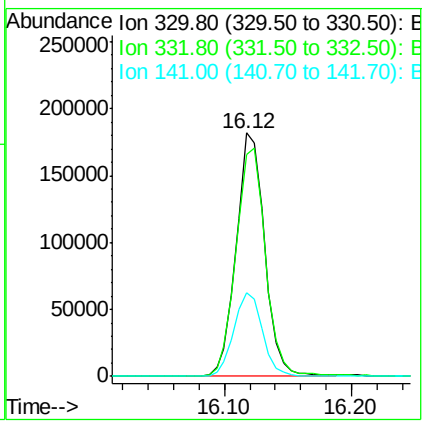


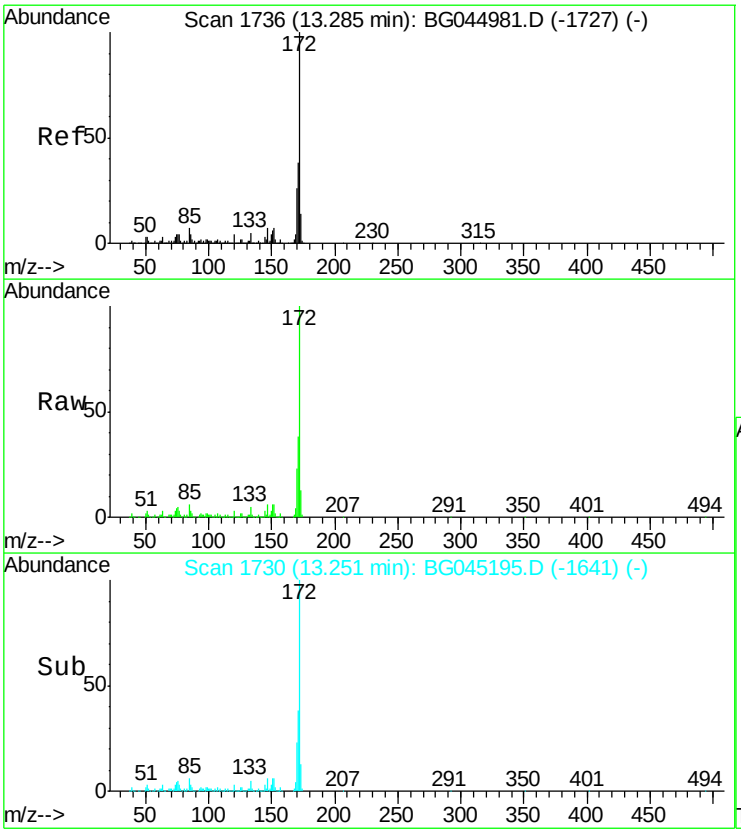
#42
2,4,6-Tribromophenol
Concen: 99.603 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BG045195.D
Acq: 28 Apr 2020 21:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 281997

Ion	Ratio	Lower	Upper
330	100		
332	97.9	79.1	118.7
141	34.6	27.1	40.7

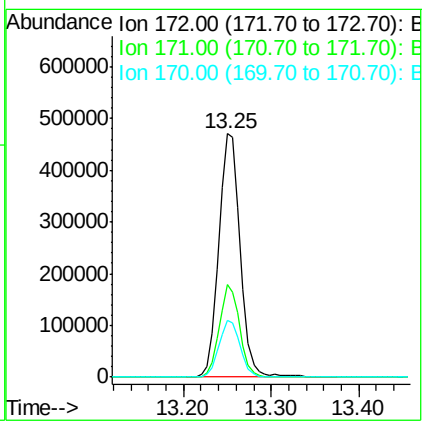


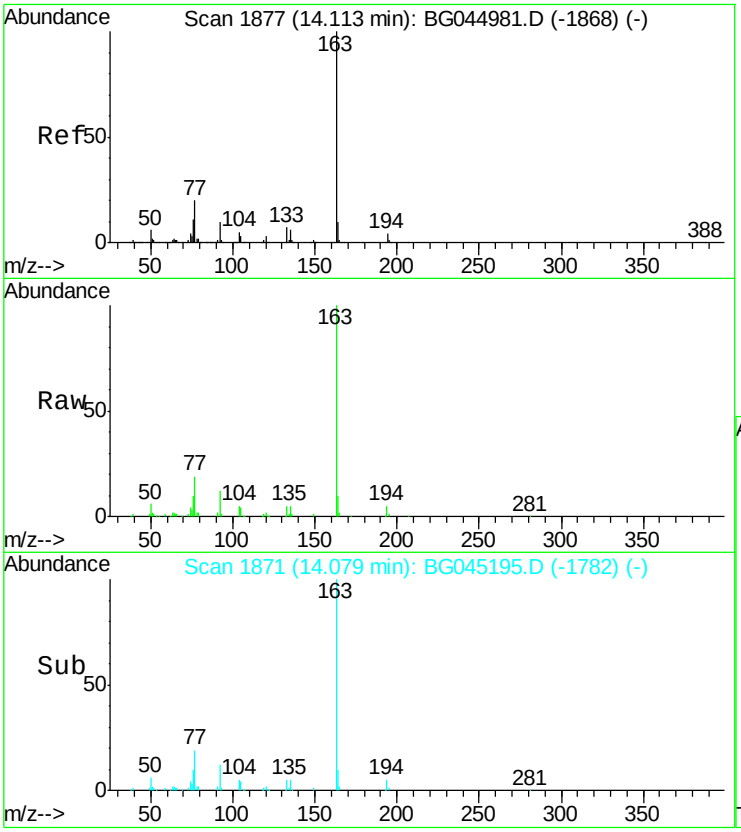


#45
2-Fluorobiphenyl
Concen: 63.617 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BG045195.D
Acq: 28 Apr 2020 21:33

Tgt Ion:172 Resp: 795104

Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.6	46.0
170	23.1	20.5	30.7



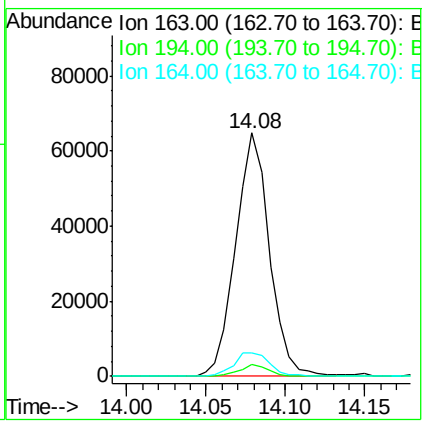


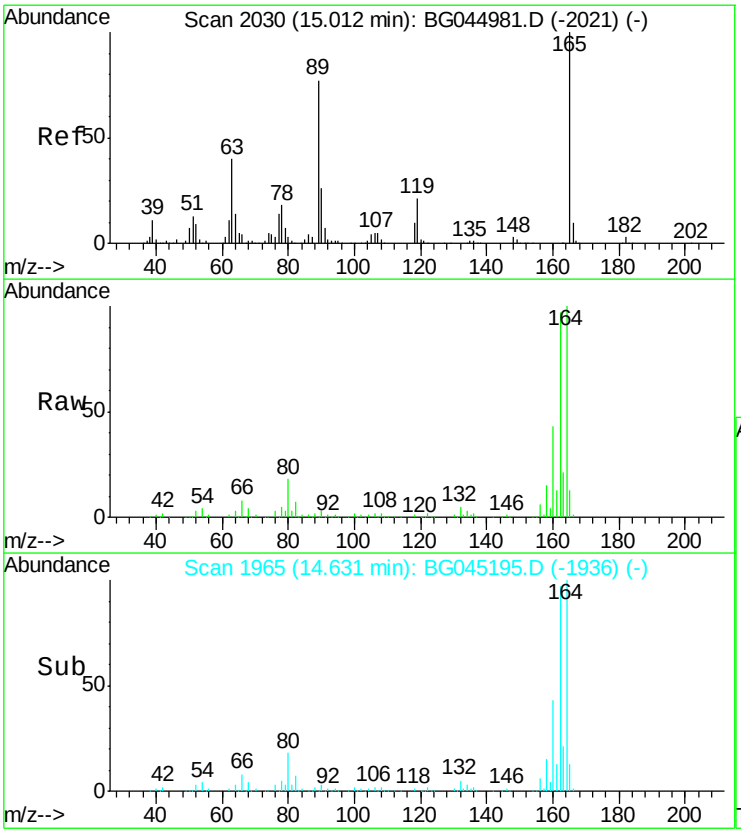
#50
Dimethylphthalate
Concen: 6.414 ng
RT: 14.08 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BG045195.D
Acq: 28 Apr 2020 21:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 95713

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.5	5.3
164	9.6	8.2	12.4

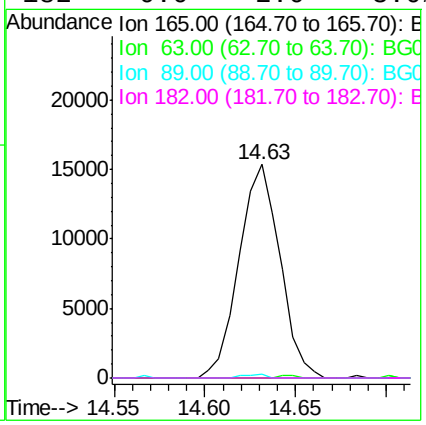


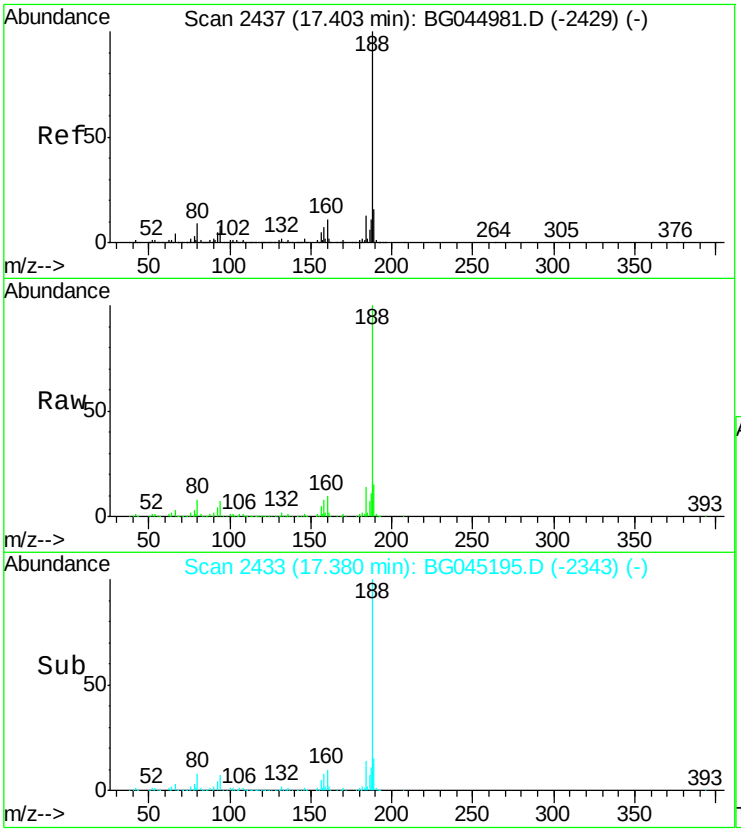


#57
2,4-Dinitrotoluene
Concen: 4.966 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.36 min
Lab File: BG045195.D
Acq: 28 Apr 2020 21:33

Tgt Ion:165 Resp: 24223

Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.2	48.2#
89	1.5	61.7	92.5#
182	0.0	2.0	3.0#



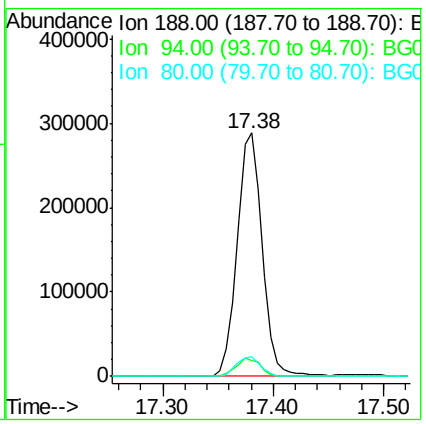


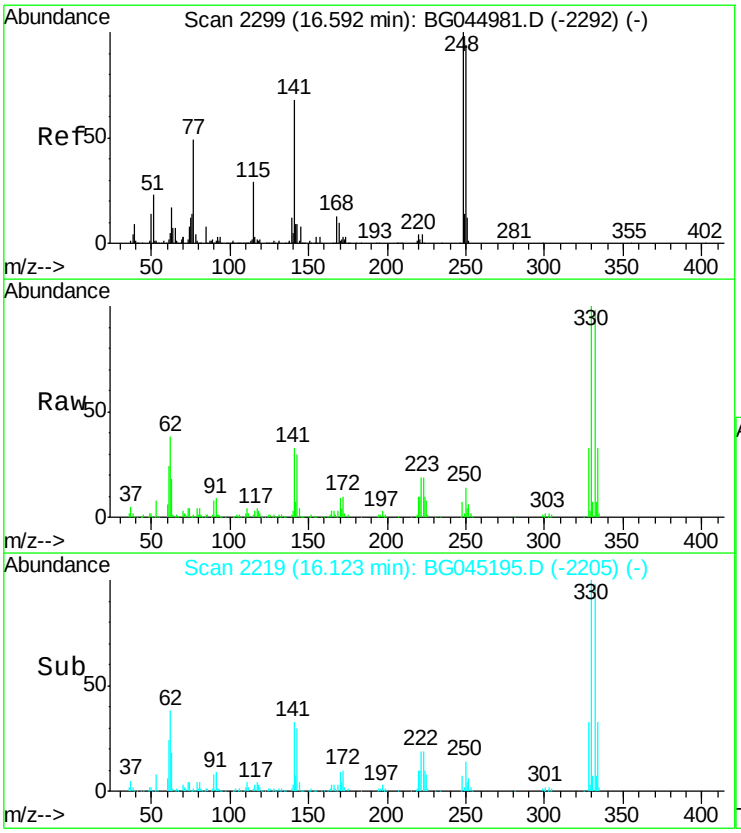
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BG045195.D
Acq: 28 Apr 2020 21:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 460357

Ion	Ratio	Lower	Upper
188	100		
94	6.6	6.2	9.4
80	8.1	7.0	10.6

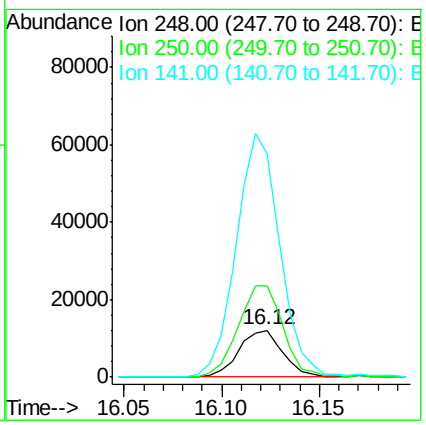


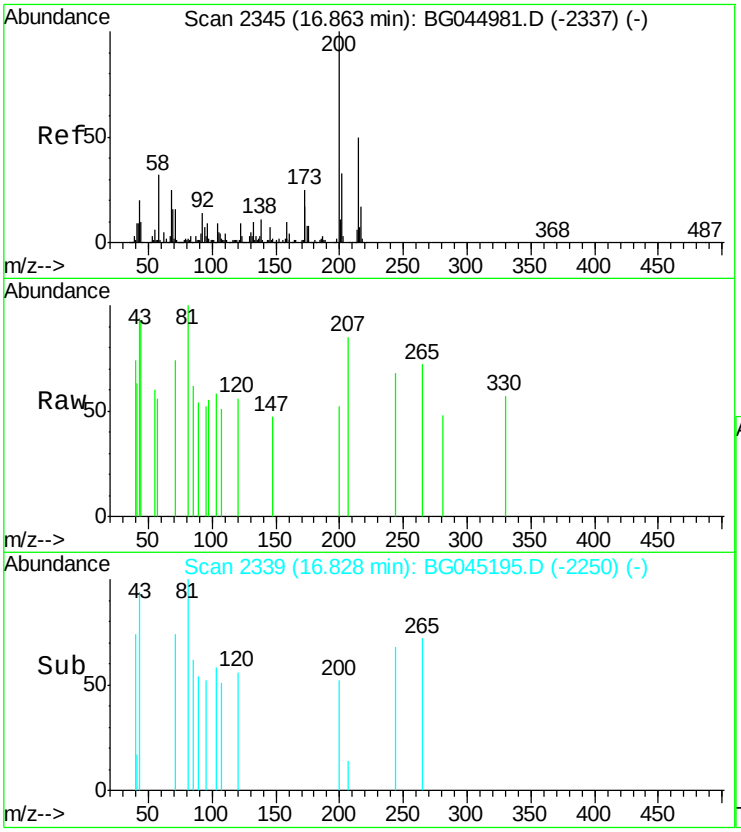


#67
4-Bromophenyl-phenylether
Concen: 3.141 ng
RT: 16.12 min Scan# 2219
Delta R.T. -0.45 min
Lab File: BG045195.D
Acq: 28 Apr 2020 21:33

Tgt Ion:248 Resp: 18655

Ion	Ratio	Lower	Upper
248	100		
250	194.8	75.4	113.2#
141	474.5	54.4	81.6#



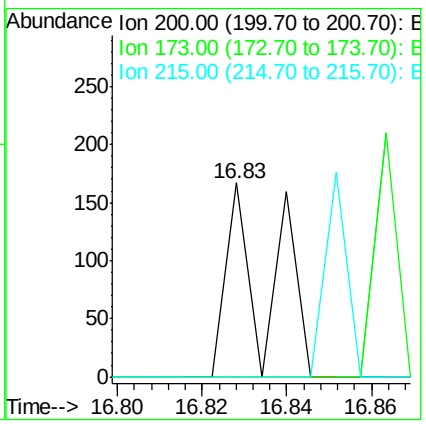


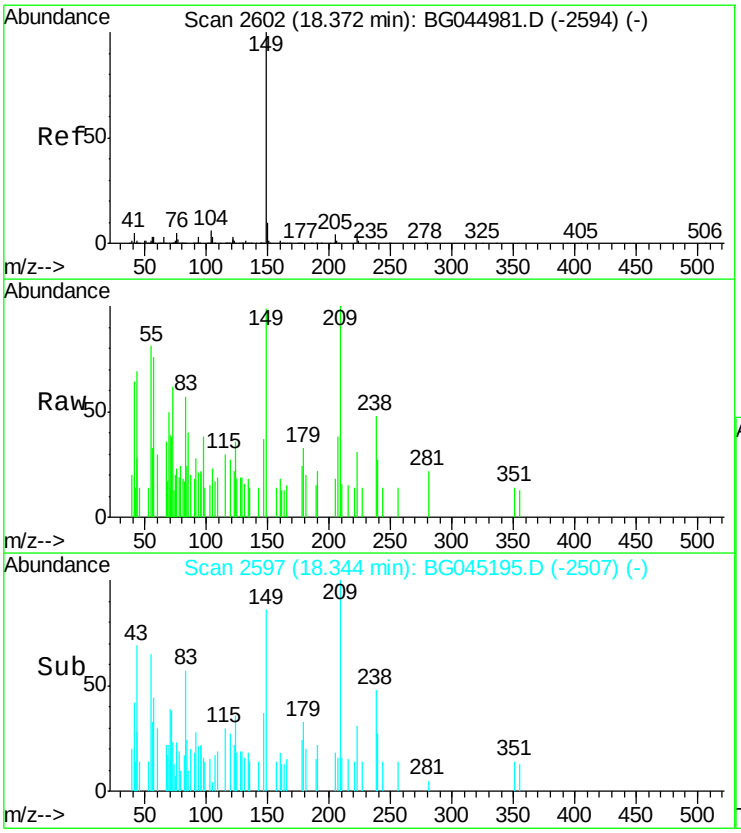
#69
Atrazine
Concen: Below Cal
RT: 16.83 min Scan# 2339
Delta R.T. -0.01 min
Lab File: BG045195.D
Acq: 28 Apr 2020 21:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:200 Resp: 115

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

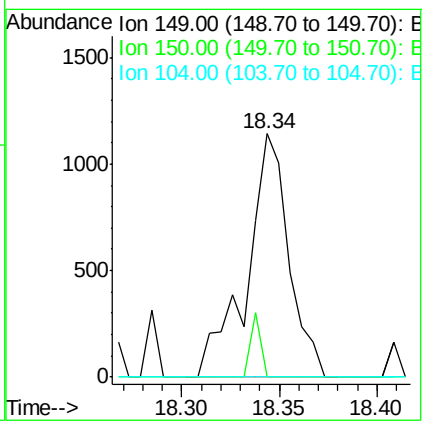


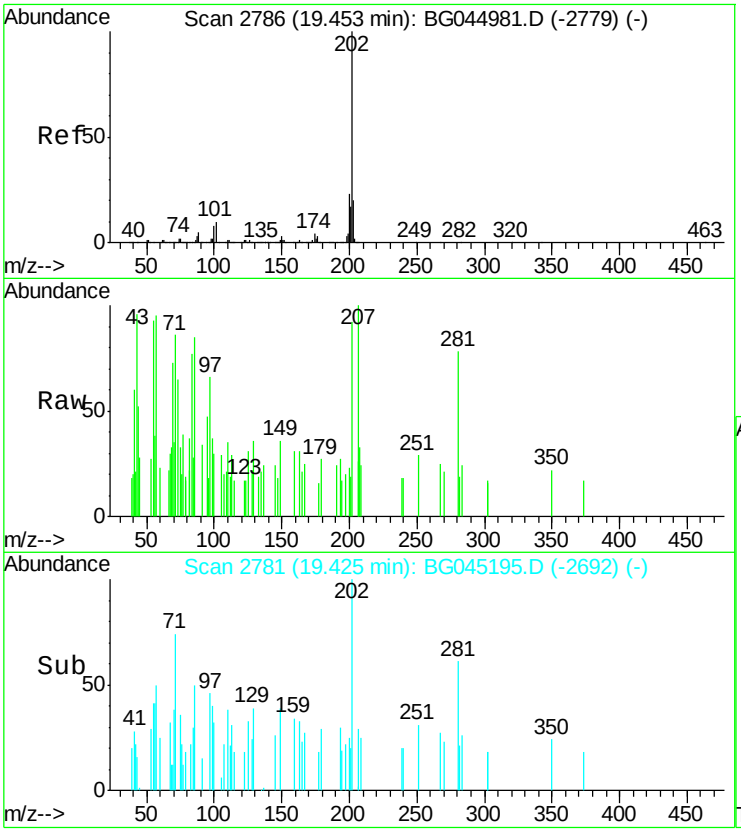


#74
Di-n-butylphthalate
Concen: Below Cal
RT: 18.34 min Scan# 2597
Delta R.T. -0.00 min
Lab File: BG045195.D
Acq: 28 Apr 2020 21:33

Tgt Ion:149 Resp: 1696

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



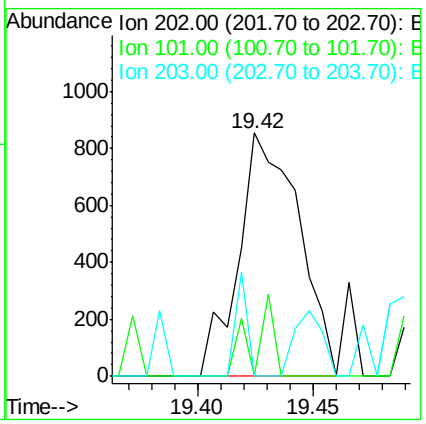


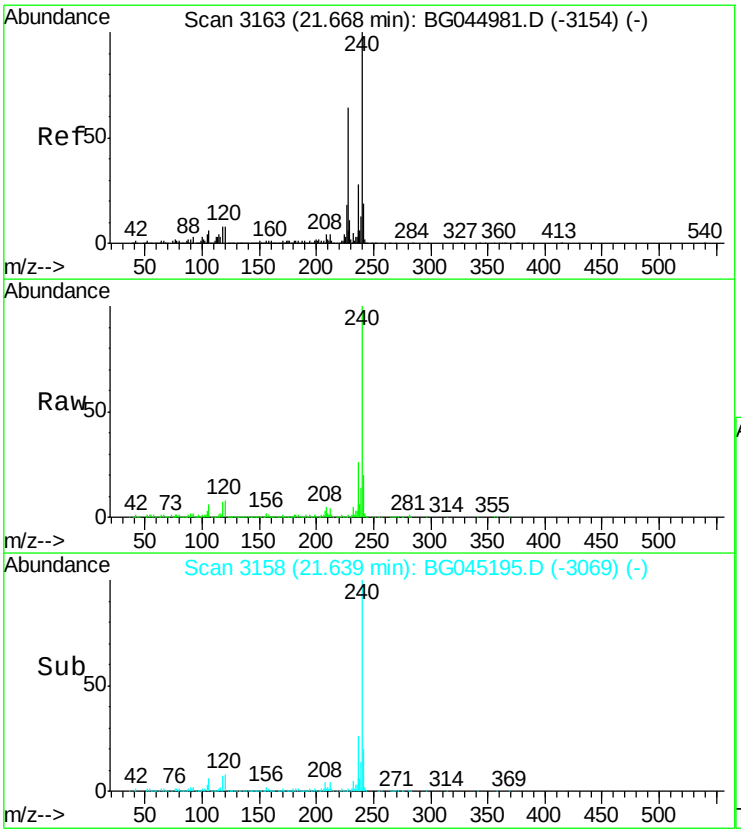
#75
Fluoranthene
Concen: Below Cal
RT: 19.42 min Scan# 2781
Delta R.T. -0.01 min
Lab File: BG045195.D
Acq: 28 Apr 2020 21:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 1555

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

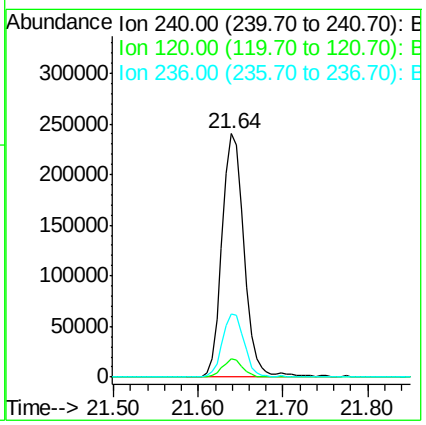


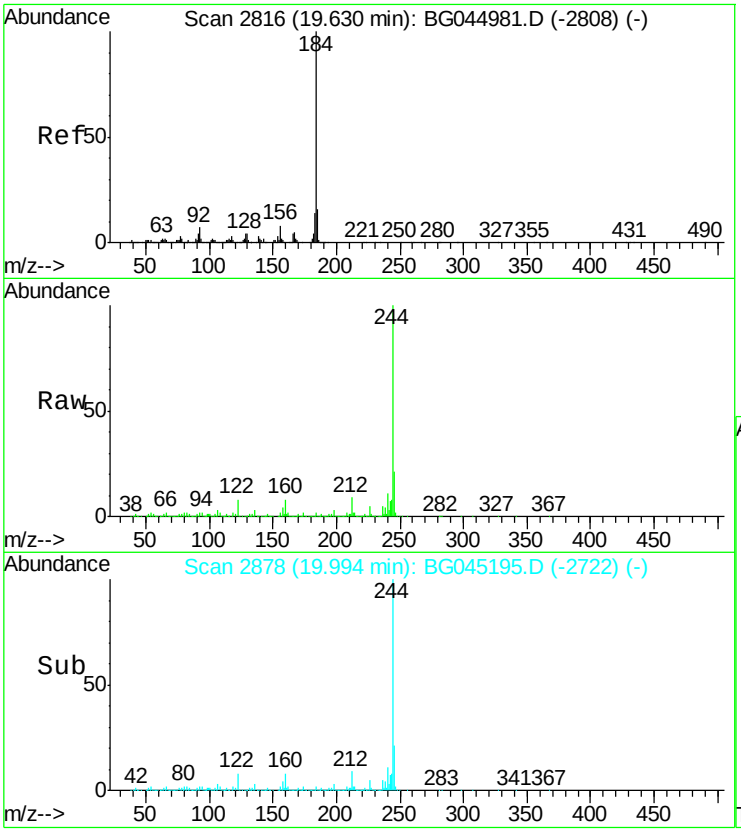


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3158
Delta R.T. -0.01 min
Lab File: BG045195.D
Acq: 28 Apr 2020 21:33

Tgt Ion:240 Resp: 434342

Ion	Ratio	Lower	Upper
240	100		
120	7.7	6.6	10.0
236	26.0	22.2	33.2



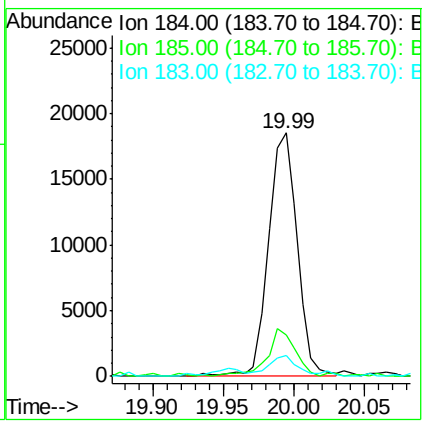


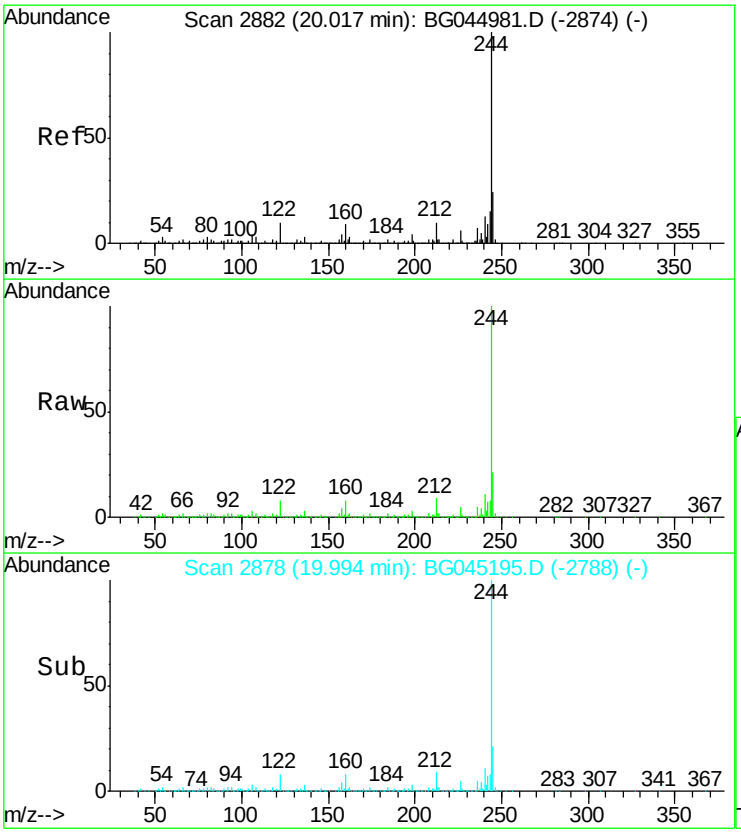
#77
Benzidine
Concen: Below Cal
RT: 19.99 min Scan# 2878
Delta R.T. 0.39 min
Lab File: BG045195.D
Acq: 28 Apr 2020 21:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 26541

Ion	Ratio	Lower	Upper
184	100		
185	16.9	12.6	19.0
183	8.4	11.3	16.9#

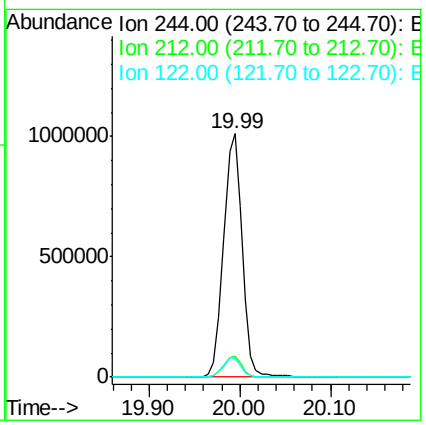


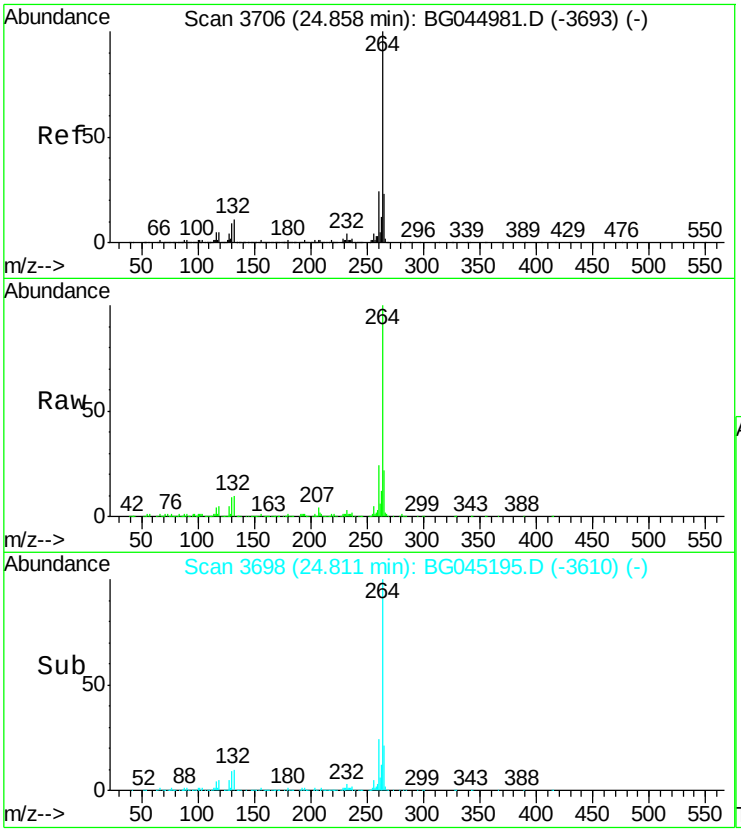


#79
Terphenyl-d14
Concen: 71.916 ng
RT: 19.99 min Scan# 2878
Delta R.T. -0.00 min
Lab File: BG045195.D
Acq: 28 Apr 2020 21:33

Tgt Ion:244 Resp: 1433138

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.9	11.9
122	7.8	7.7	11.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.81 min Scan# 3698
Delta R.T. -0.01 min
Lab File: BG045195.D
Acq: 28 Apr 2020 21:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 472109

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.6	19.0	28.4