Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052620\
Data File : BG045463.D
Acq On : 26 May 2020 18:55
Operator : CG/JU
Sample : L2744-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: May 27 00:57:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 26 14:16:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	80390	20.00	ng		0.00
21) Naphthalene-d8	10.77	136	328203	20.00	ng		0.00
39) Acenaphthene-d10	14.60	164	226191	20.00	ng		0.00
64) Phenanthrene-d10	17.35	188	517627	20.00	ng		0.00
76) Chrysene-d12	21.61	240	482116	20.00	ng		0.00
87) Perylene-d12	24.76	264	529113	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	323904	78.74	ng		0.00
7) Phenol-d6	7.18	99	498339	85.12	ng		0.00
23) Nitrobenzene-d5	9.12	82	371267	61.69	ng		0.00
42) 2,4,6-Tribromophenol	16.10	330	281370	97.27	ng		0.00
45) 2-Fluorobiphenyl	13.22	172	926086	69.45	ng		0.00
79) Terphenyl-d14	19.97	244	1483869	71.78	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.12	70	47685	11.778	ng	#	79
32) Benzoic acid	10.24	122	69	10.042	ng	#	1
50) Dimethylphthalate	14.05	163	164659	10.612	ng		98
57) 2,4-Dinitrotoluene	14.60	165	31283	6.169	ng	#	22
67) 4-Bromophenyl-phenylether	16.10	248	19007	3.391	ng	#	1
75) Fluoranthene	19.40	202	82466	2.869	ng		93
77) Benzidine	19.97	184	27355	2.020	ng	#	90
78) Pyrene	19.76	202	73825	2.686	ng		97
88) Benzo(b)fluoranthene	23.76	252	61097	2.153	ng		94
89) Benzo(k)fluoranthene	23.76	252	61097	2.292	ng		94

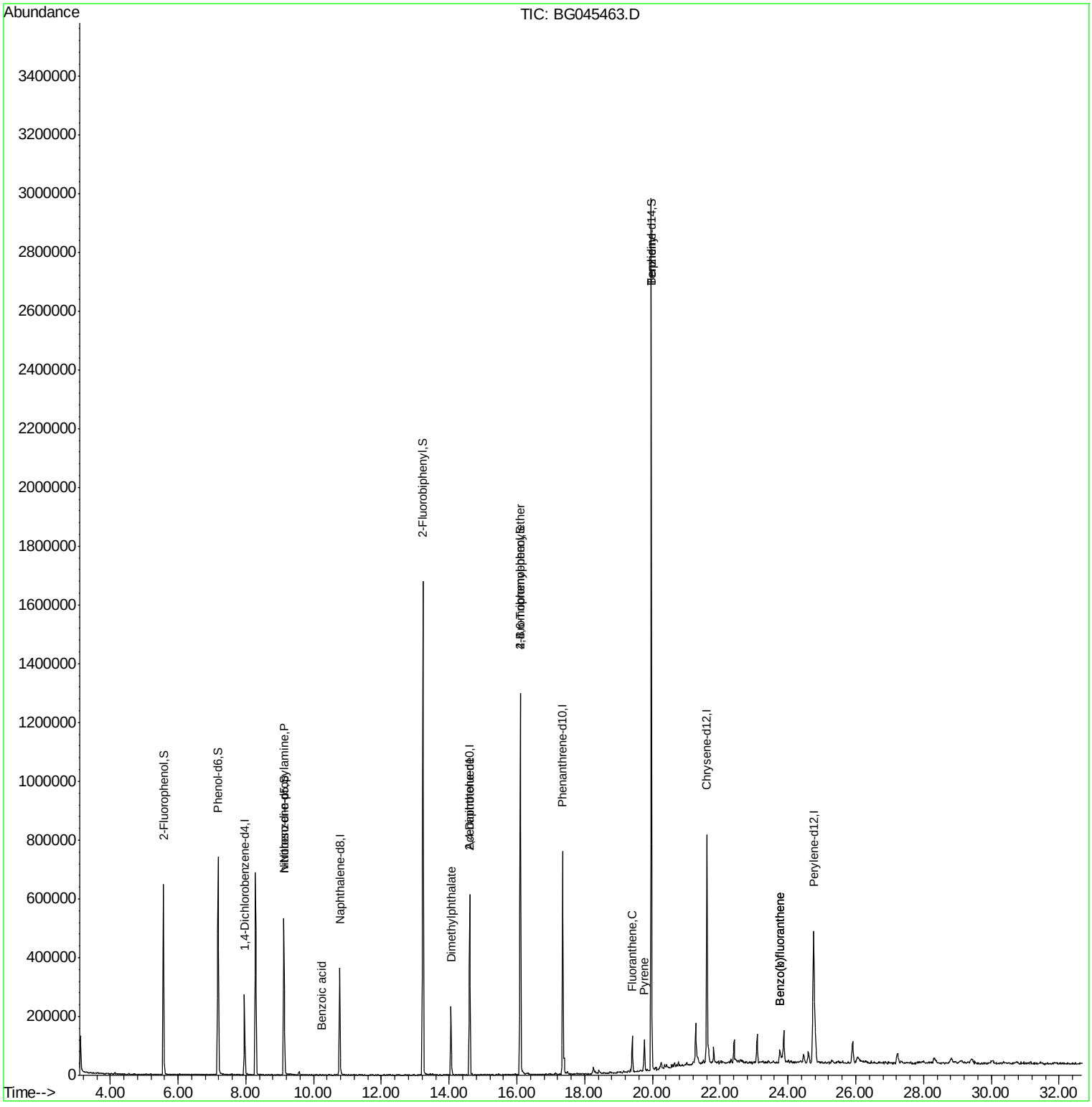
(#) = qualifier out of range (m) = manual integration (+) = signals summed

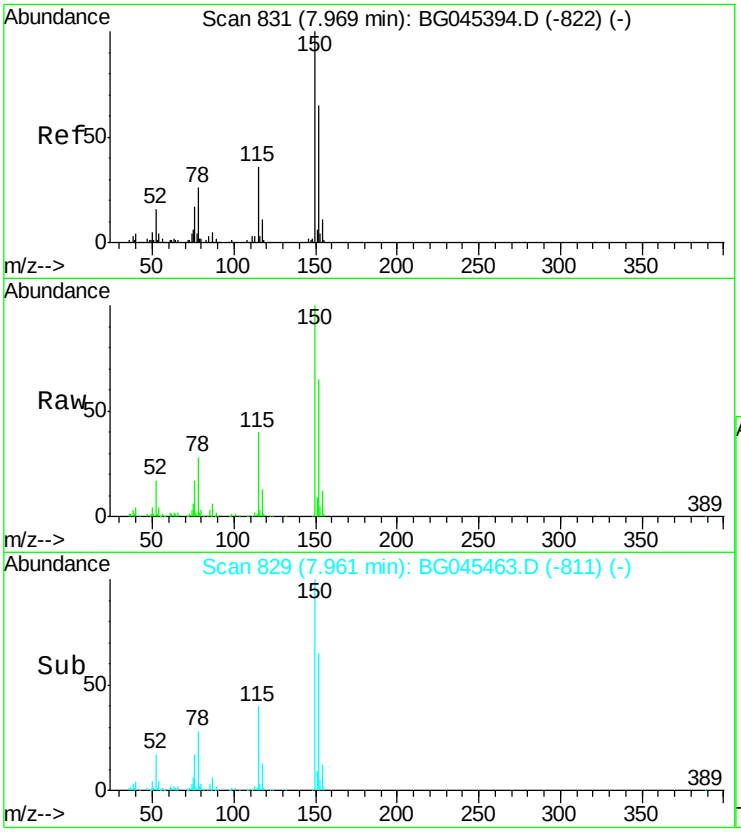
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052620\
Data File : BG045463.D
Acq On : 26 May 2020 18:55
Operator : CG/JU
Sample : L2744-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: May 27 00:57:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 26 14:16:30 2020
Response via : Initial Calibration



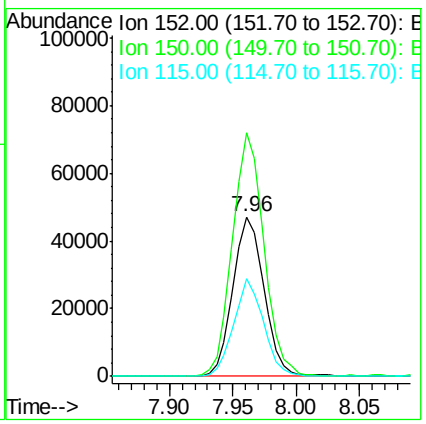


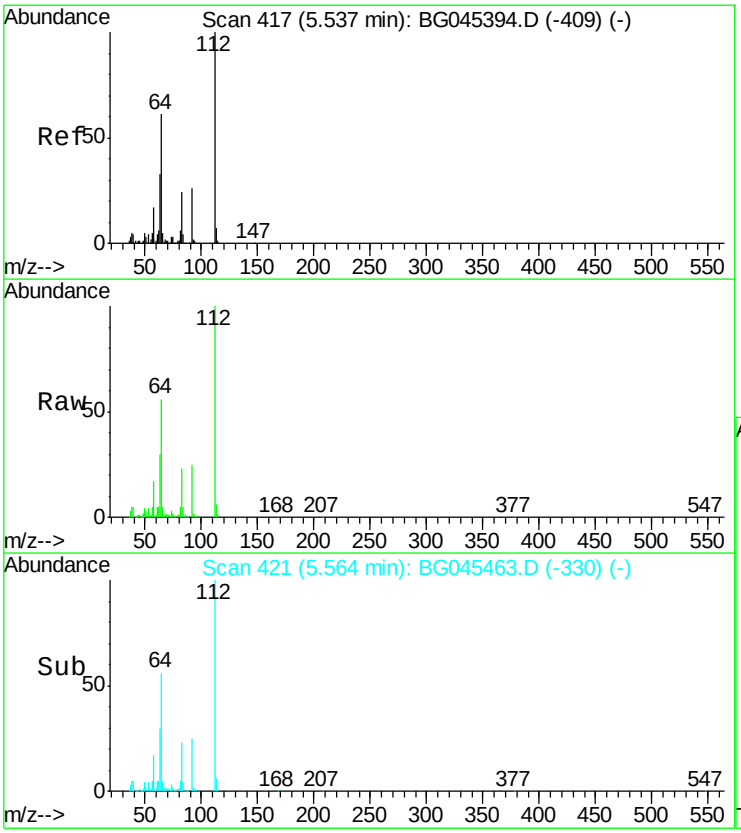
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. 0.00 min
Lab File: BG045463.D
Acq: 26 May 2020 18:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 80390

Ion	Ratio	Lower	Upper
152	100		
150	152.7	122.4	183.6
115	61.1	44.2	66.4

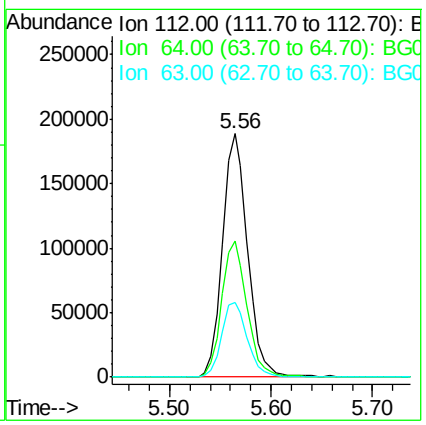


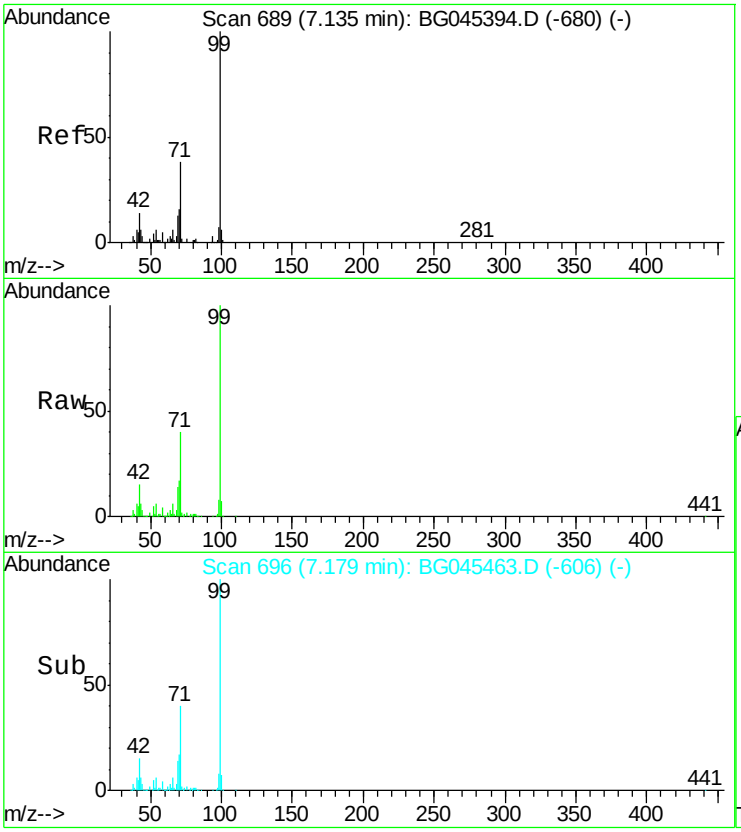


#5
2-Fluorophenol
Concen: 78.742 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG045463.D
Acq: 26 May 2020 18:55

Tgt Ion:112 Resp: 323904

Ion	Ratio	Lower	Upper
112	100		
64	56.0	48.6	72.8
63	30.4	26.5	39.7



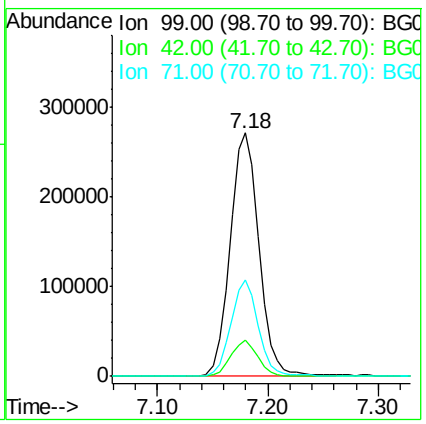


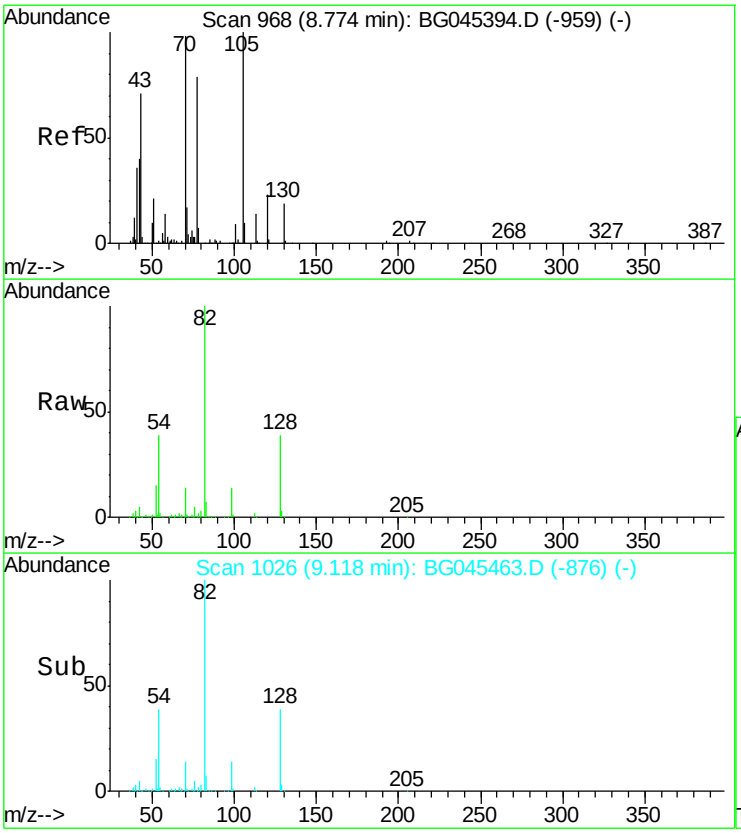
#7
Phenol-d6
Concen: 85.117 ng
RT: 7.18 min Scan# 696
Delta R.T. -0.00 min
Lab File: BG045463.D
Acq: 26 May 2020 18:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 498339

Ion	Ratio	Lower	Upper
99	100		
42	15.0	11.3	16.9
71	39.6	30.8	46.2

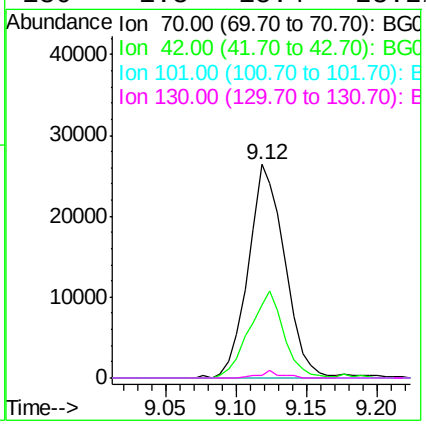


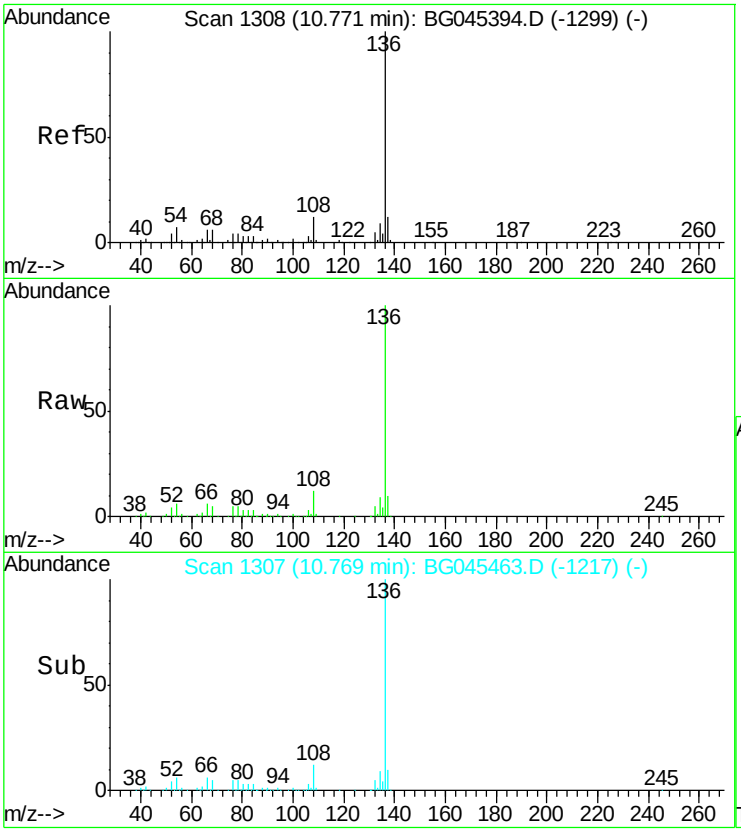


#19
n-Nitroso-di-n-propylamine
Concen: 11.778 ng
RT: 9.12 min Scan# 1026
Delta R.T. 0.35 min
Lab File: BG045463.D
Acq: 26 May 2020 18:55

Tgt Ion: 70 Resp: 47685

Ion	Ratio	Lower	Upper
70	100		
42	34.3	33.2	49.8
101	0.0	7.8	11.6#
130	1.3	15.4	23.2#



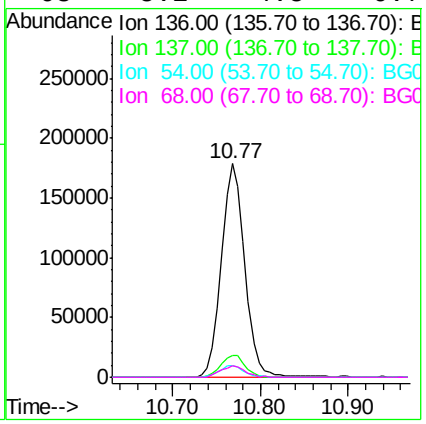


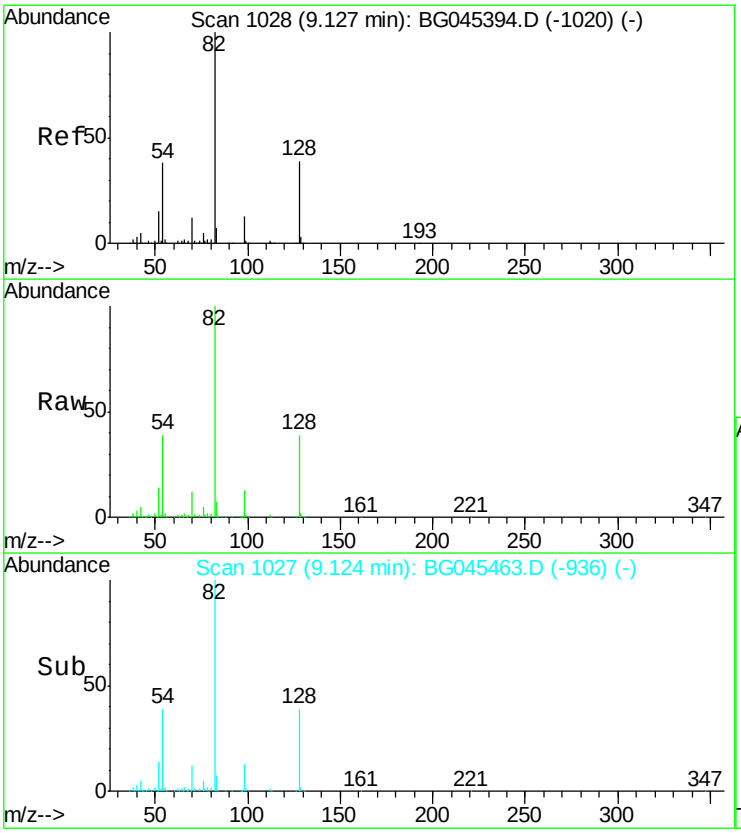
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG045463.D
Acq: 26 May 2020 18:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 328203

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.4	14.2
54	5.7	5.8	8.6#
68	5.2	4.5	6.7

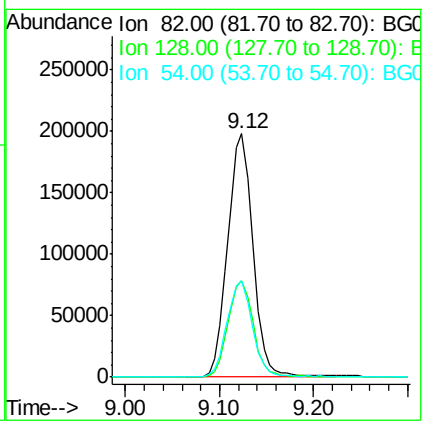


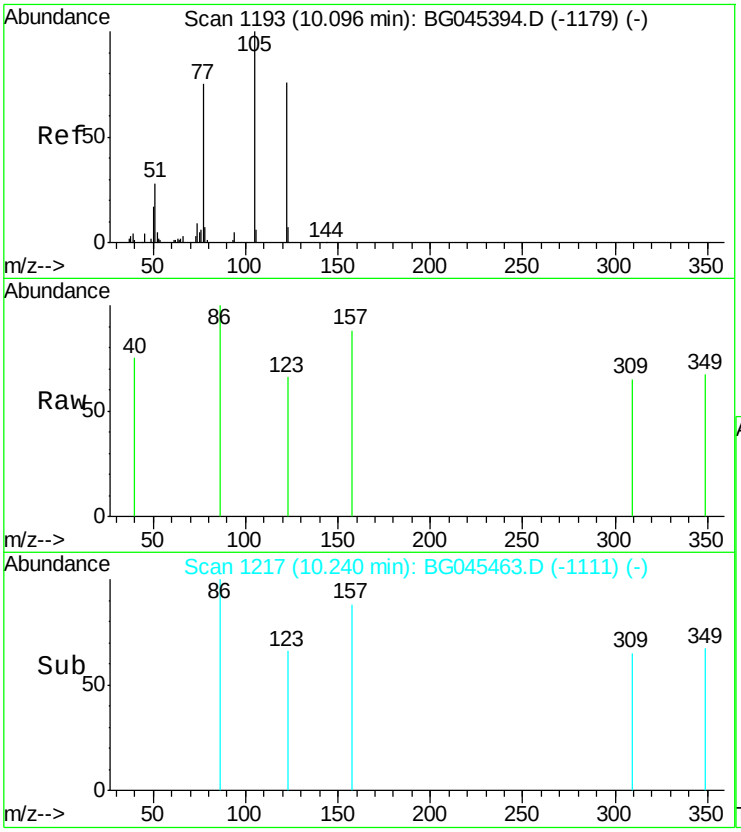


#23
Nitrobenzene-d5
Concen: 61.687 ng
RT: 9.12 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BG045463.D
Acq: 26 May 2020 18:55

Tgt Ion: 82 Resp: 371267

Ion	Ratio	Lower	Upper
82	100		
128	39.4	30.9	46.3
54	39.4	30.3	45.5



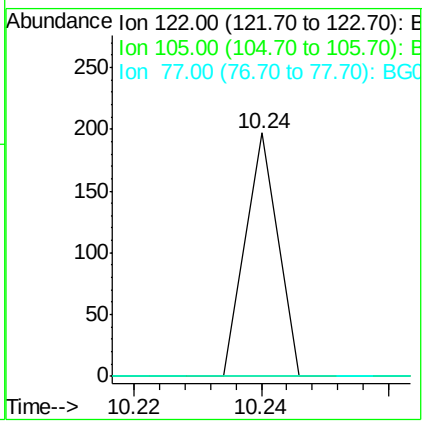


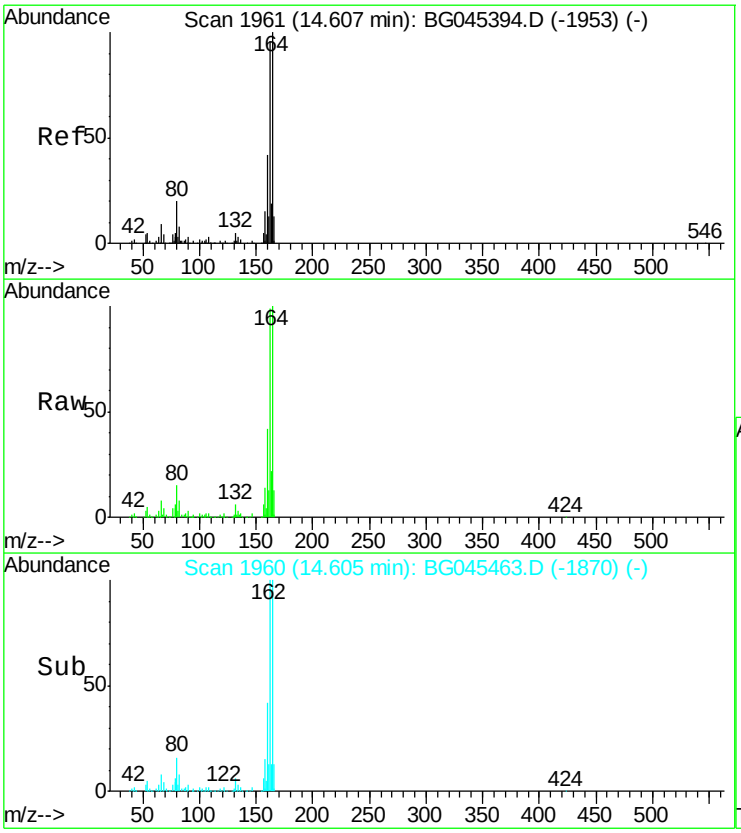
#32
Benzoic acid
Concen: 10.042 ng
RT: 10.24 min Scan# 1217
Delta R.T. 0.09 min
Lab File: BG045463.D
Acq: 26 May 2020 18:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 69

Ion	Ratio	Lower	Upper
122	100		
105	0.0	107.9	147.9#
77	0.0	78.9	118.9#

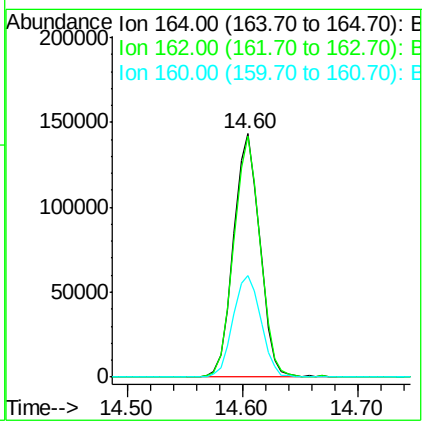


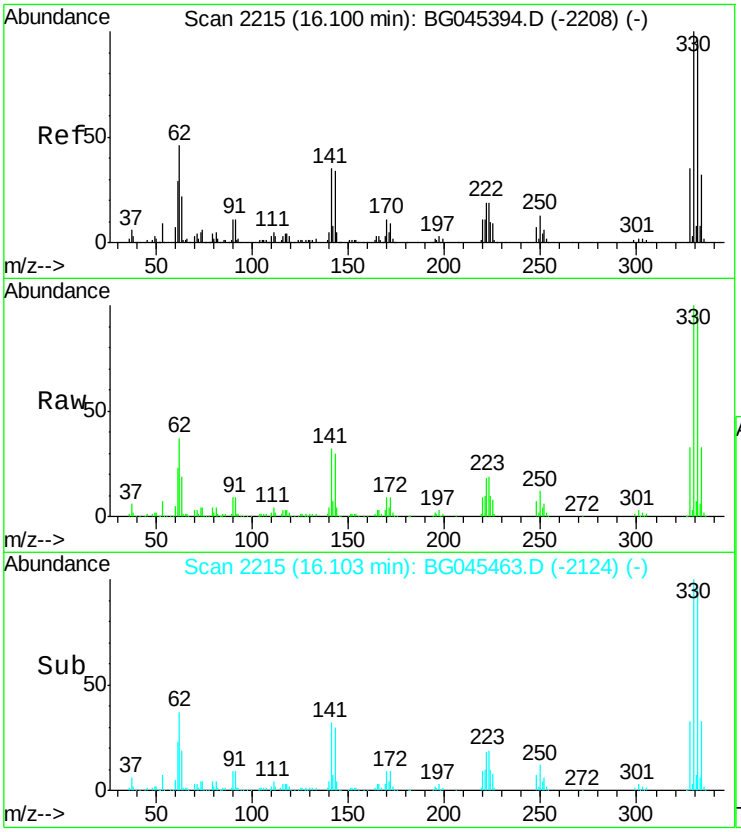


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.60 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BG045463.D
Acq: 26 May 2020 18:55

Tgt Ion:164 Resp: 226191

Ion	Ratio	Lower	Upper
164	100		
162	98.8	76.9	115.3
160	42.0	33.8	50.8



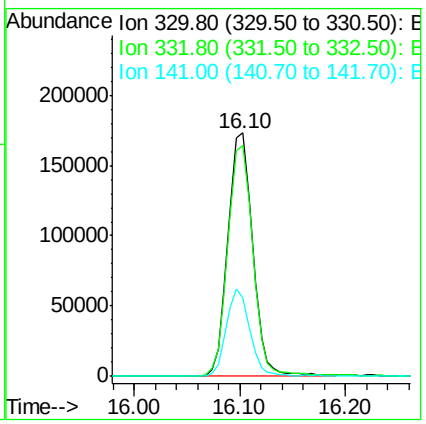


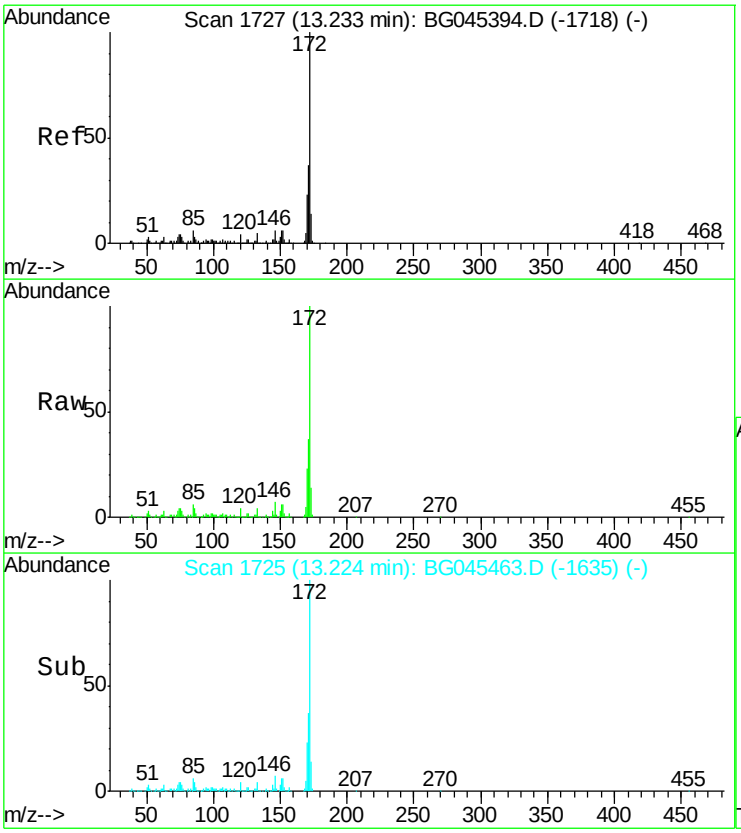
#42
2,4,6-Tribromophenol
Concen: 97.268 ng
RT: 16.10 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BG045463.D
Acq: 26 May 2020 18:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 281370

Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.2	117.4
141	34.3	28.2	42.4

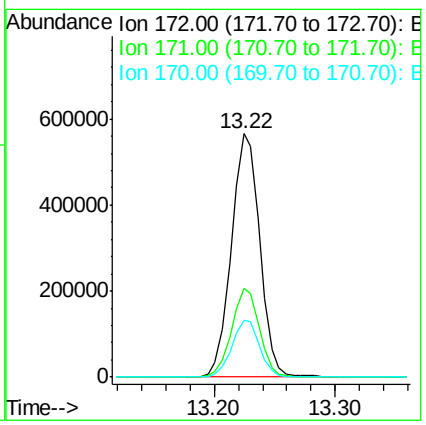


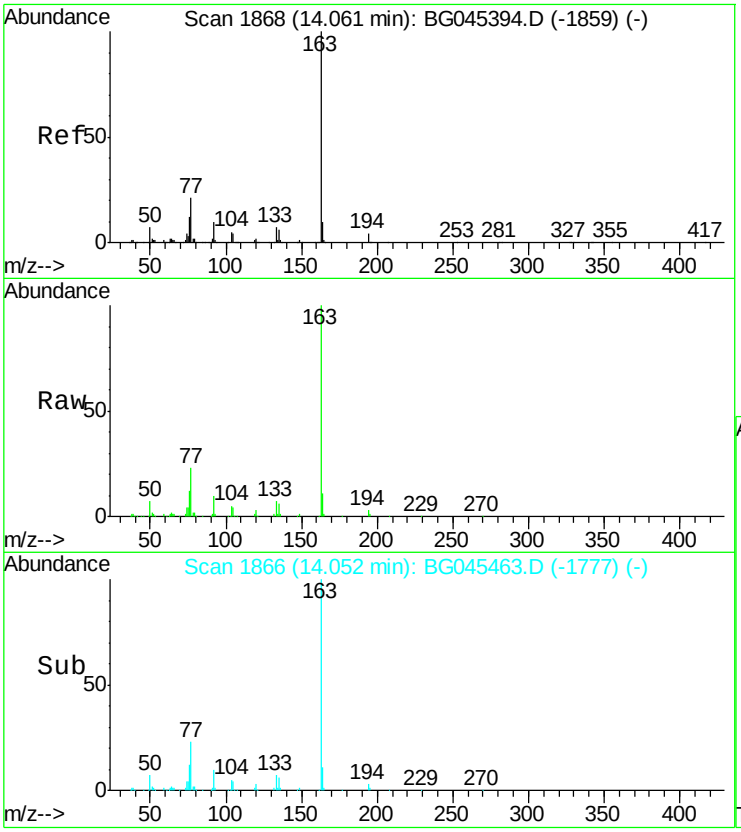


#45
2-Fluorobiphenyl
Concen: 69.447 ng
RT: 13.22 min Scan# 1725
Delta R.T. -0.00 min
Lab File: BG045463.D
Acq: 26 May 2020 18:55

Tgt Ion:172 Resp: 926086

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.5	44.3
170	23.3	18.5	27.7



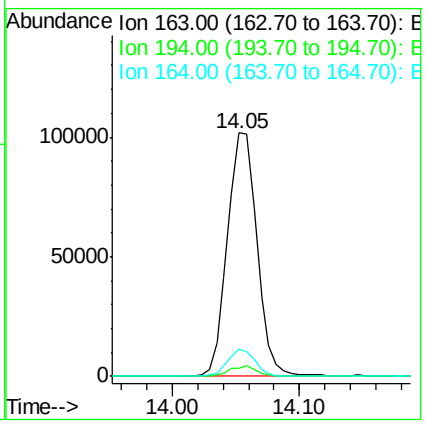


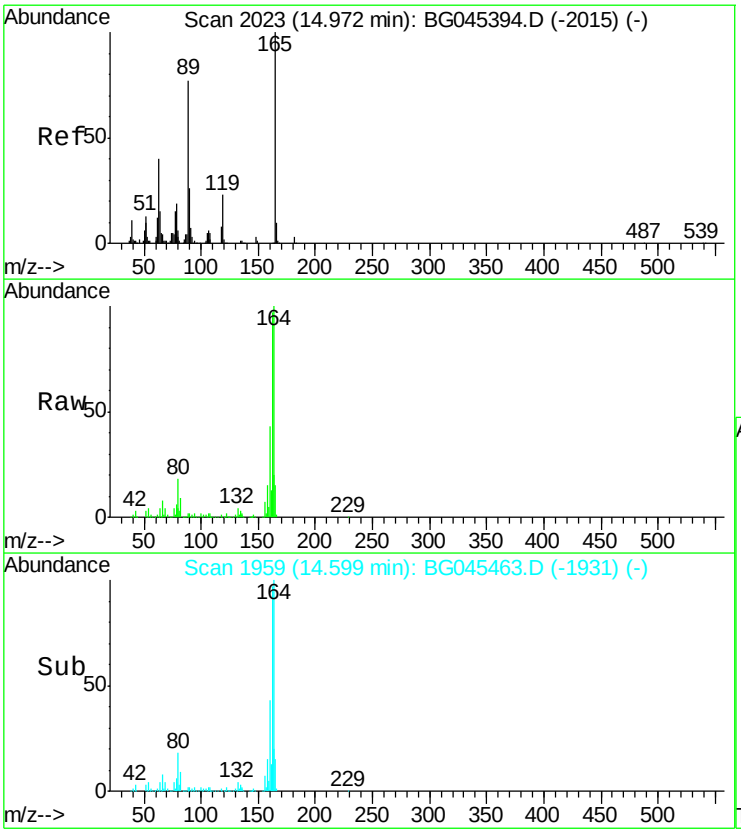
#50
Dimethylphthalate
Concen: 10.612 ng
RT: 14.05 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BG045463.D
Acq: 26 May 2020 18:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 164659

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.2	4.8
164	11.2	8.3	12.5

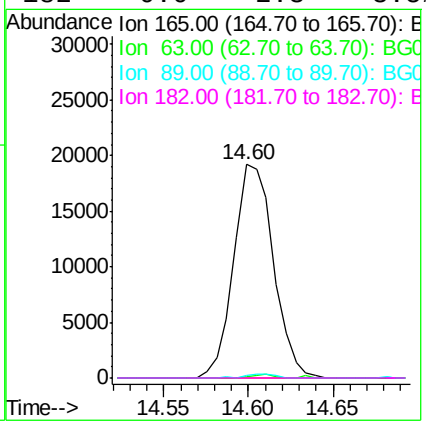


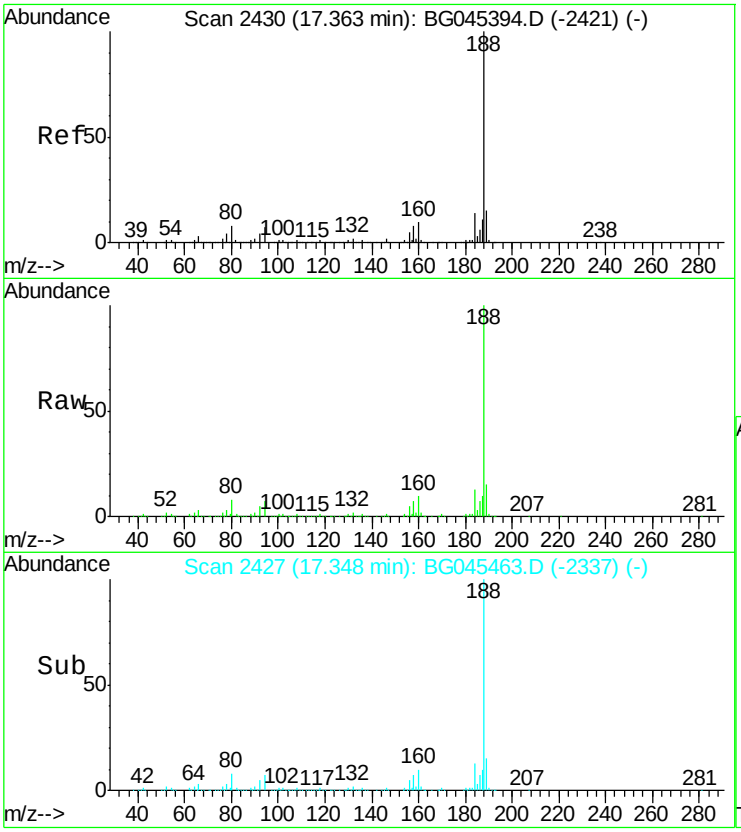


#57
2,4-Dinitrotoluene
Concen: 6.169 ng
RT: 14.60 min Scan# 1959
Delta R.T. -0.37 min
Lab File: BG045463.D
Acq: 26 May 2020 18:55

Tgt Ion:165 Resp: 31283

Ion	Ratio	Lower	Upper
165	100		
63	0.8	32.5	48.7#
89	1.0	61.8	92.6#
182	0.0	2.3	3.5#



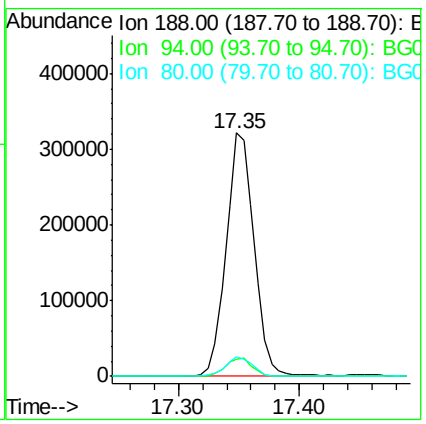


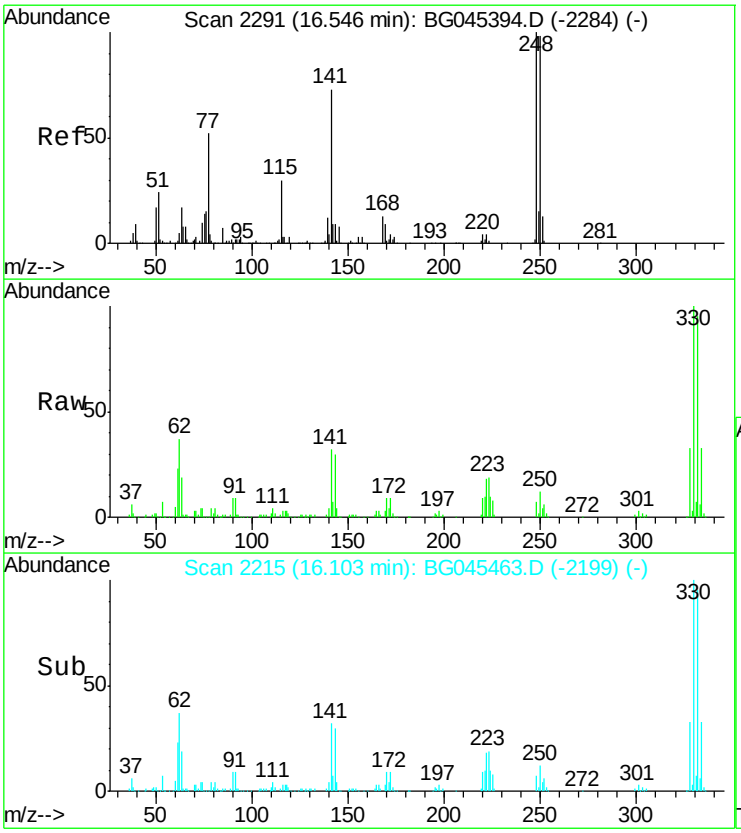
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BG045463.D
Acq: 26 May 2020 18:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 517627

Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.5	8.3
80	7.8	6.6	10.0

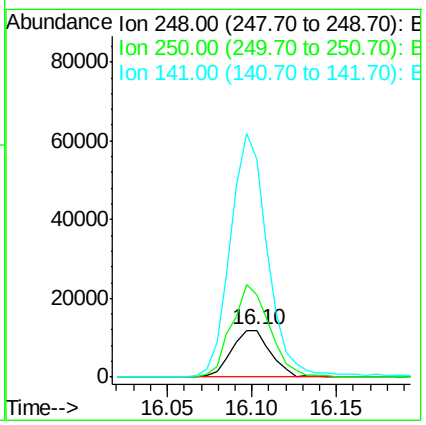


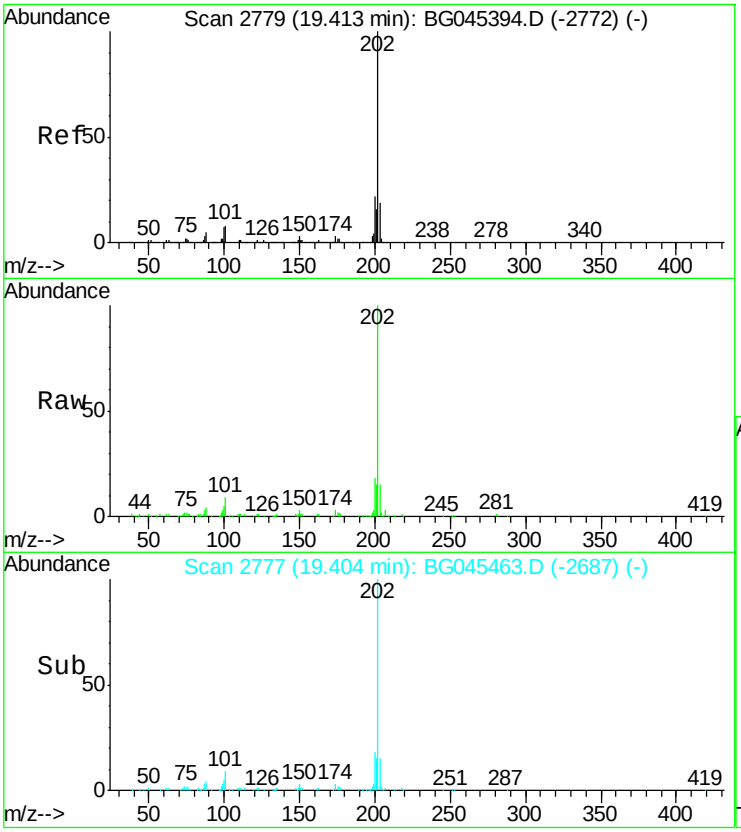


#67
4-Bromophenyl-phenylether
Concen: 3.391 ng
RT: 16.10 min Scan# 2215
Delta R.T. -0.44 min
Lab File: BG045463.D
Acq: 26 May 2020 18:55

Tgt Ion:248 Resp: 19007

Ion	Ratio	Lower	Upper
248	100		
250	177.5	78.6	117.8#
141	468.0	58.2	87.2#



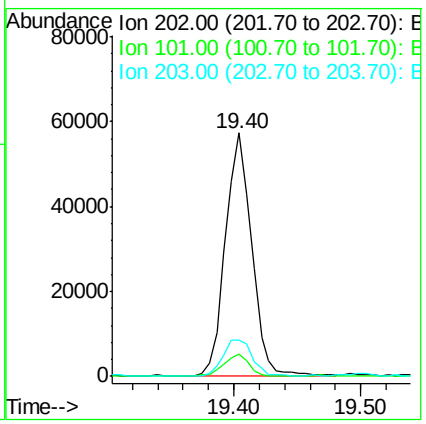


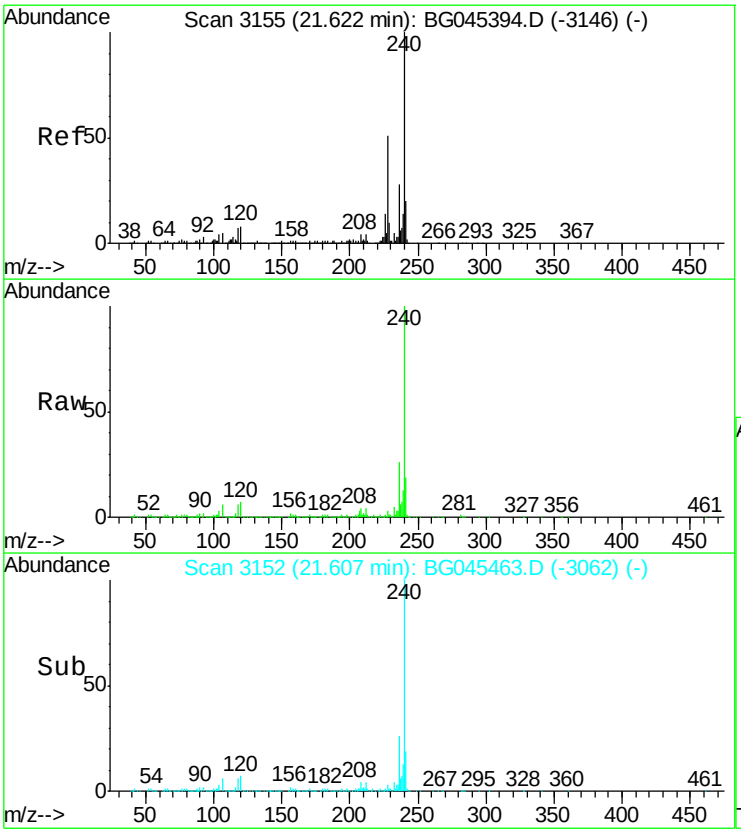
#75
Fluoranthene
Concen: 2.869 ng
RT: 19.40 min Scan# 2777
Delta R.T. -0.00 min
Lab File: BG045463.D
Acq: 26 May 2020 18:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 82466

Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	28.3
203	14.8	0.0	39.0

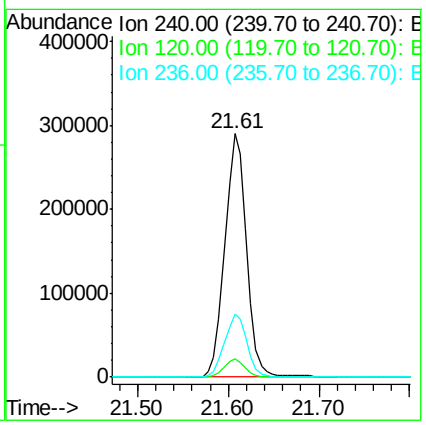


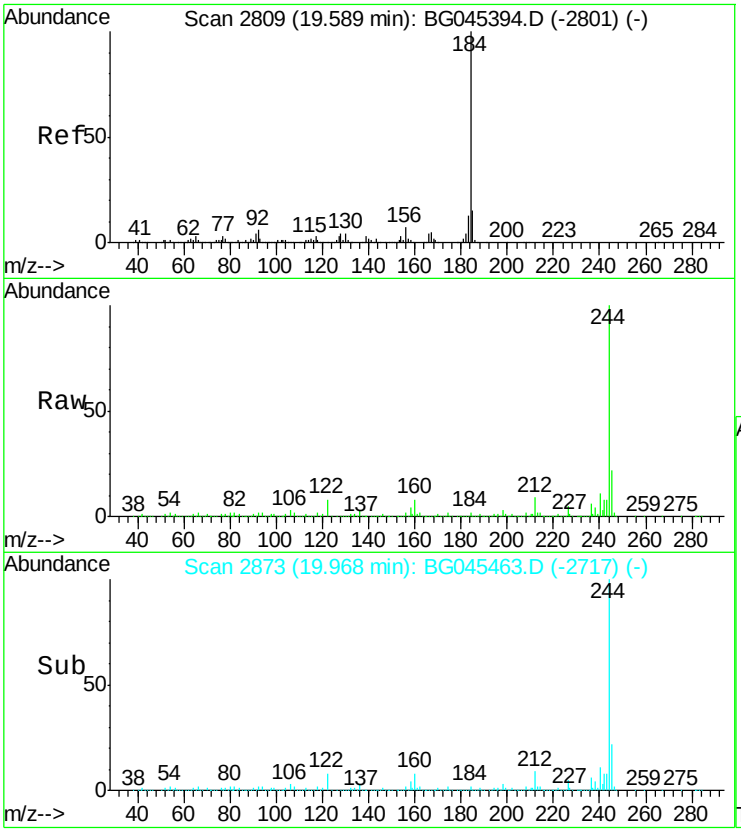


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.61 min Scan# 3152
Delta R.T. -0.00 min
Lab File: BG045463.D
Acq: 26 May 2020 18:55

Tgt Ion:240 Resp: 482116

Ion	Ratio	Lower	Upper
240	100		
120	7.4	6.1	9.1
236	25.9	22.3	33.5



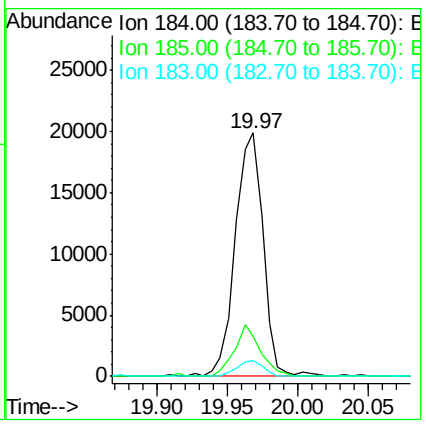


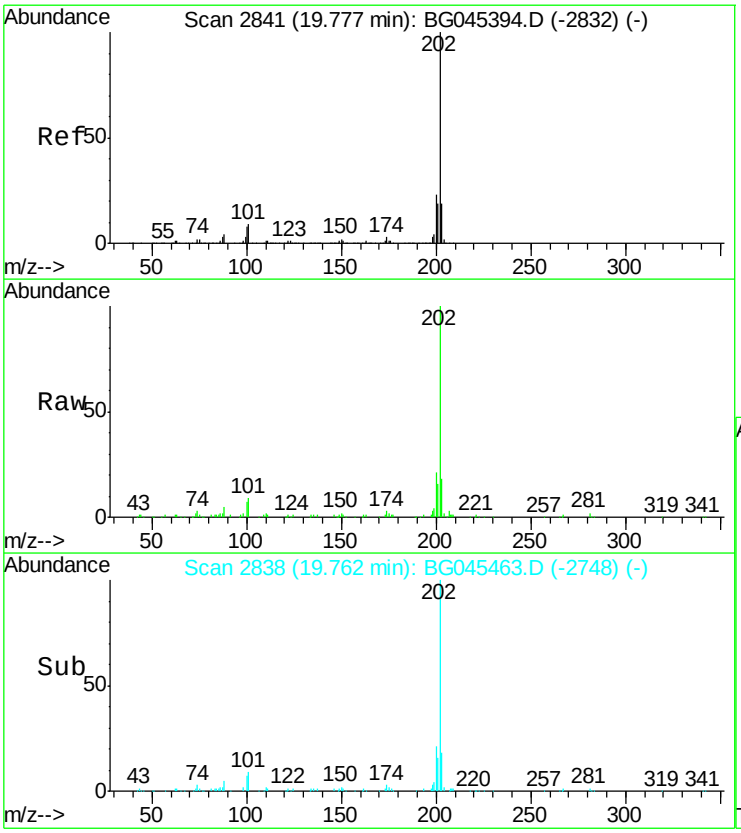
#77
Benzidine
Concen: 2.020 ng
RT: 19.97 min Scan# 2873
Delta R.T. 0.38 min
Lab File: BG045463.D
Acq: 26 May 2020 18:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 27355

Ion	Ratio	Lower	Upper
184	100		
185	16.4	11.7	17.5
183	6.4	10.2	15.4#

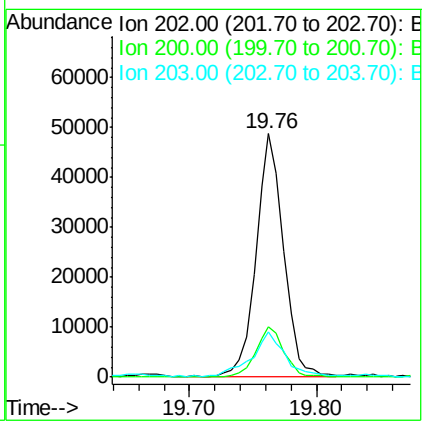


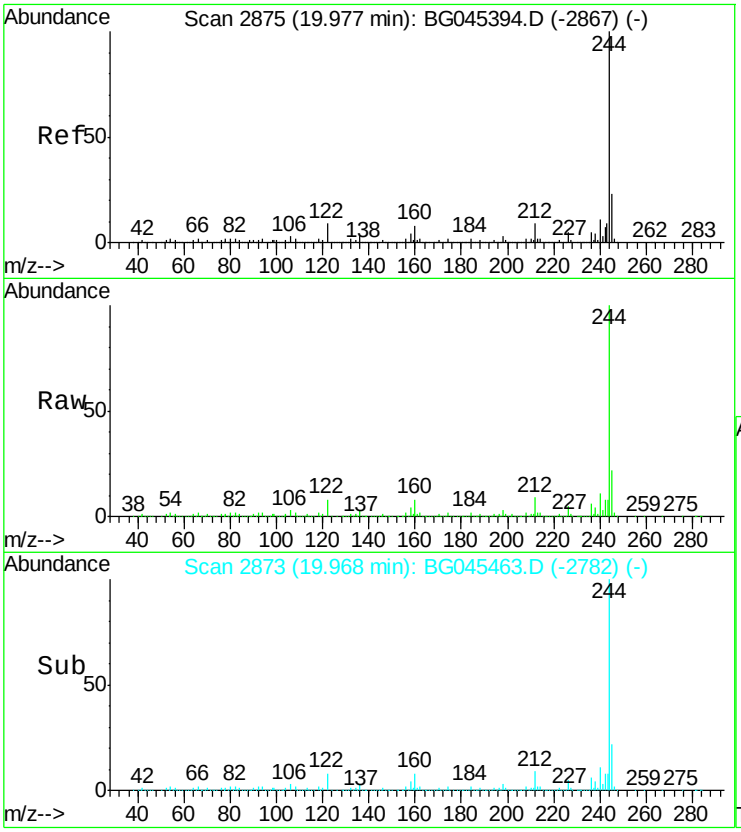


#78
Pyrene
Concen: 2.686 ng
RT: 19.76 min Scan# 2838
Delta R.T. -0.00 min
Lab File: BG045463.D
Acq: 26 May 2020 18:55

Tgt Ion:202 Resp: 73825

Ion	Ratio	Lower	Upper
202	100		
200	20.5	18.2	27.2
203	18.5	15.1	22.7



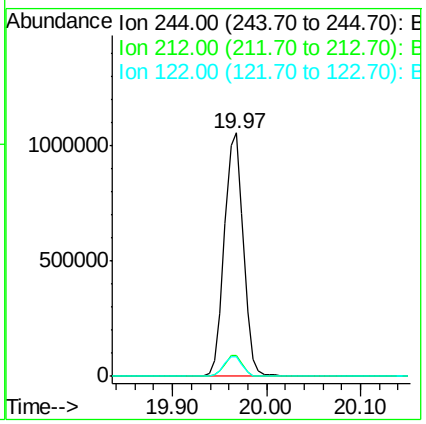


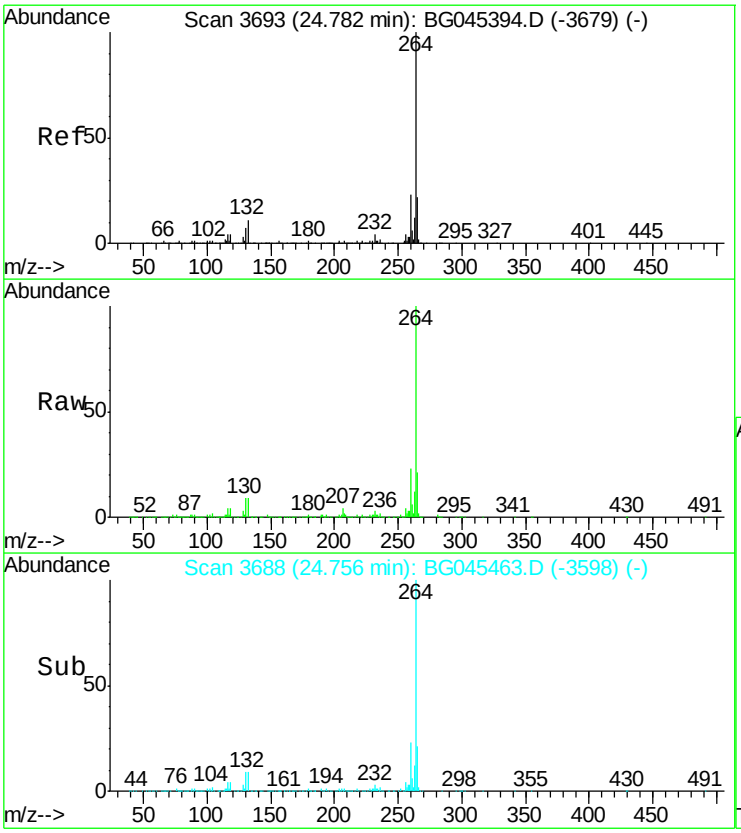
#79
Terphenyl-d14
Concen: 71.784 ng
RT: 19.97 min Scan# 2873
Delta R.T. 0.00 min
Lab File: BG045463.D
Acq: 26 May 2020 18:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1483869

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.4	11.0
122	7.8	6.8	10.2

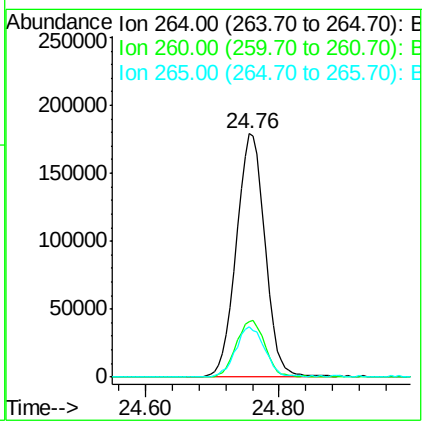


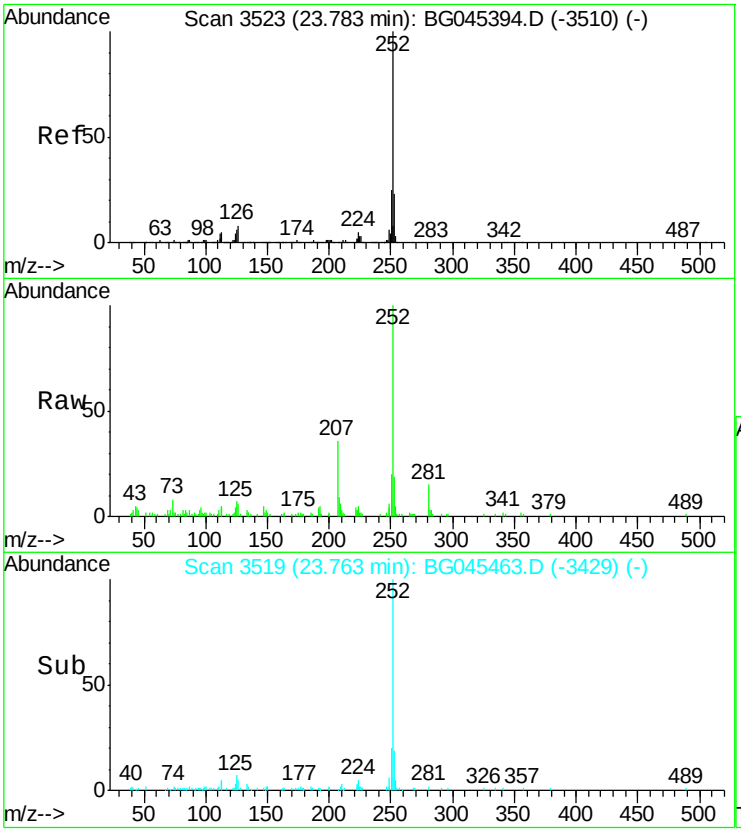


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.76 min Scan# 3688
Delta R.T. -0.00 min
Lab File: BG045463.D
Acq: 26 May 2020 18:55

Tgt Ion:264 Resp: 529113

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.4
265	20.8	17.6	26.4



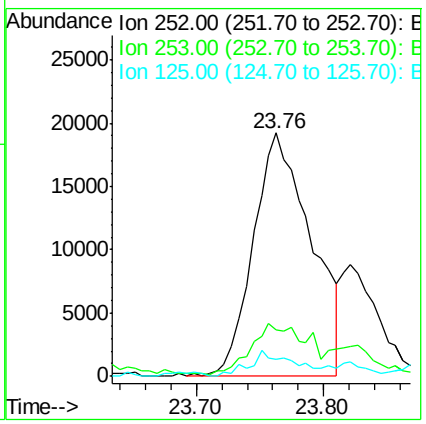


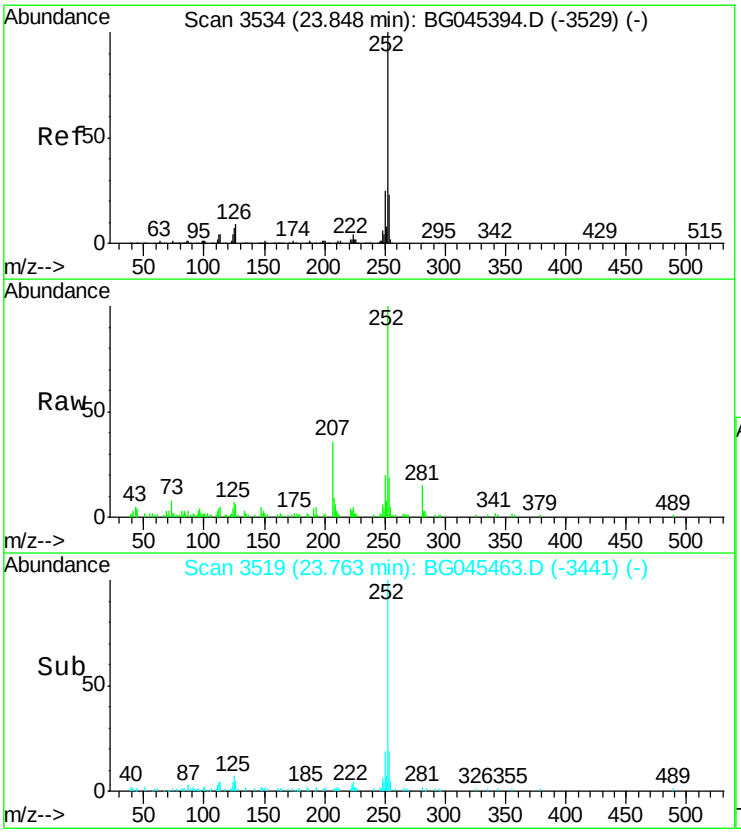
#88
Benzo(b)fluoranthene
Concen: 2.153 ng
RT: 23.76 min Scan# 3519
Delta R.T. -0.00 min
Lab File: BG045463.D
Acq: 26 May 2020 18:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 61097

Ion	Ratio	Lower	Upper
252	100		
253	19.2	18.1	27.1
125	6.8	5.0	7.6





#89
Benzo(k)fluoranthene
Concen: 2.292 ng
RT: 23.76 min Scan# 3519
Delta R.T. -0.07 min
Lab File: BG045463.D
Acq: 26 May 2020 18:55

Tgt Ion:252 Resp: 61097

Ion	Ratio	Lower	Upper
252	100		
253	19.2	18.4	27.6
125	6.8	5.7	8.5