Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051120\
Data File : BG045319.D
Acq On : 12 May 2020 7:23
Operator : CG/JU
Sample : L2531-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-15A

Quant Time: May 12 08:01:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 11 13:27:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	88740	20.00	ng		0.00
21) Naphthalene-d8	10.78	136	377305	20.00	ng		0.00
39) Acenaphthene-d10	14.62	164	265461	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	536359	20.00	ng		0.00
76) Chrysene-d12	21.63	240	461856	20.00	ng		-0.01
87) Perylene-d12	24.79	264	508921	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	515837	95.97	ng		0.00
7) Phenol-d6	7.14	99	820567	102.75	ng		0.00
23) Nitrobenzene-d5	9.13	82	568350	68.73	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	406220	99.05	ng		0.00
45) 2-Fluorobiphenyl	13.24	172	1325101	73.19	ng		0.00
79) Terphenyl-d14	19.98	244	1735590	81.91	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	7.14	77	1457	Below Cal		#	4
19) n-Nitroso-di-n-propylamine	9.13	70	78797	13.952	ng	#	77
31) Naphthalene	10.83	128	102995	4.990	ng		99
32) Benzoic acid	9.97	122	66	6.386	ng	#	1
50) Dimethylphthalate	14.07	163	171834	7.950	ng		97
57) 2,4-Dinitrotoluene	14.62	165	36066	5.105	ng	#	23
67) 4-Bromophenyl-phenylether	16.11	248	27332	3.950	ng	#	1
69) Atrazine	16.82	200	82	Below Cal		#	1
74) Di-n-butylphthalate	18.33	149	7257	Below Cal		#	91
75) Fluoranthene	19.42	202	88098	Below Cal			93
77) Benzidine	19.98	184	35652	Below Cal		#	92
78) Pyrene	19.78	202	77101	2.421	ng		97
88) Benzo(b)fluoranthene	23.79	252	79017	2.479	ng	#	88
89) Benzo(k)fluoranthene	23.79	252	79017	2.606	ng	#	89

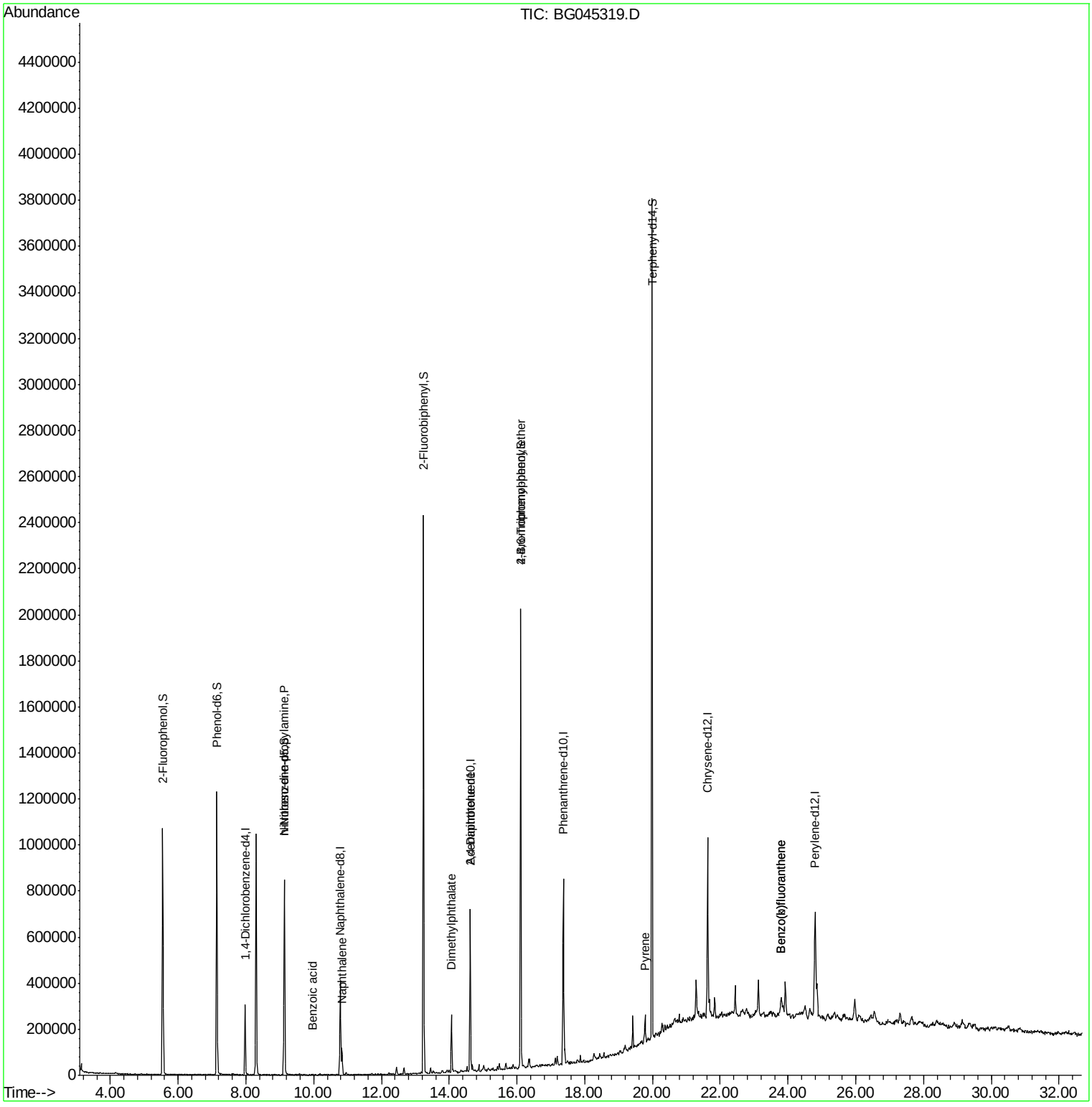
(#) = qualifier out of range (m) = manual integration (+) = signals summed

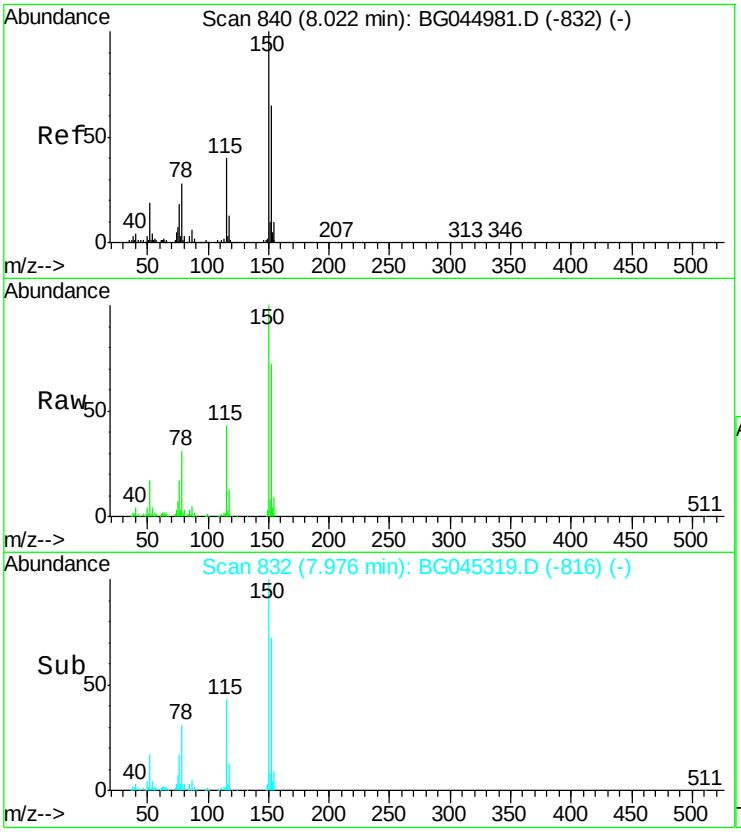
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051120\
Data File : BG045319.D
Acq On : 12 May 2020 7:23
Operator : CG/JU
Sample : L2531-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-15A

Quant Time: May 12 08:01:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 11 13:27:41 2020
Response via : Initial Calibration



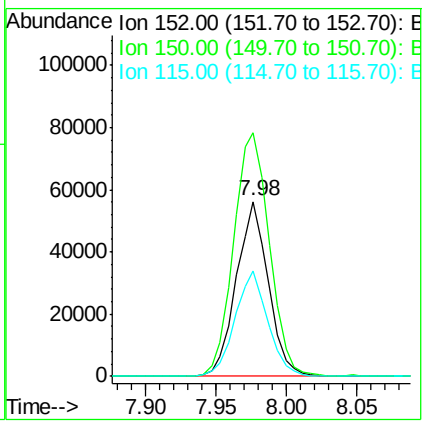


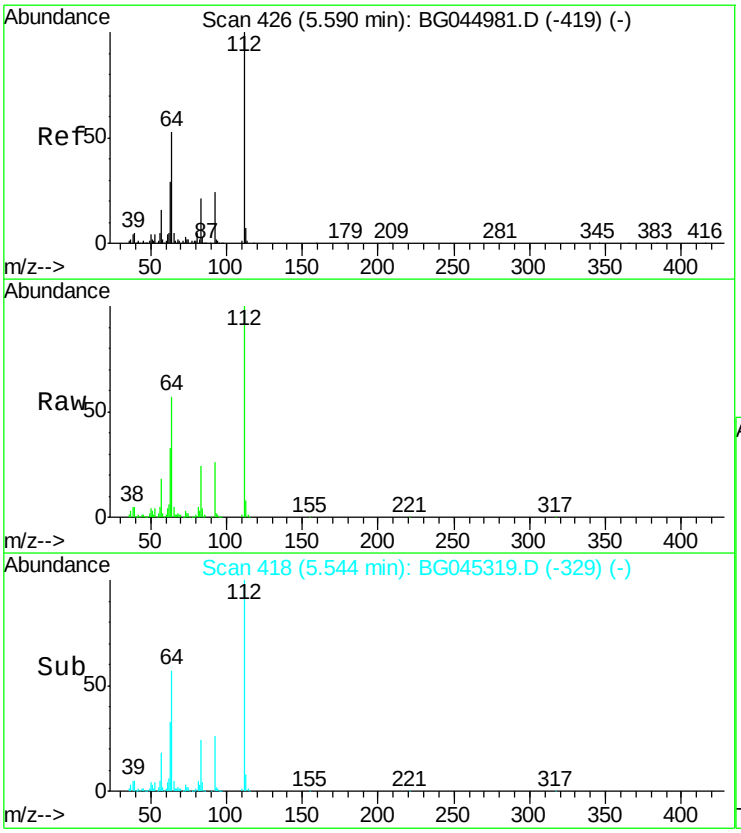
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BG045319.D
Acq: 12 May 2020 7:23

Instrument :
BNA_G
ClientSampleId :
TP-15A

Tgt Ion:152 Resp: 88740

Ion	Ratio	Lower	Upper
152	100		
150	139.2	123.6	185.4
115	60.3	49.1	73.7

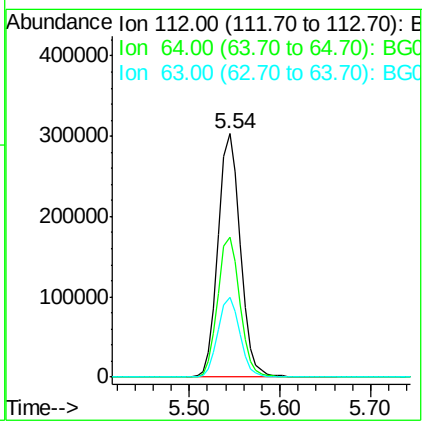


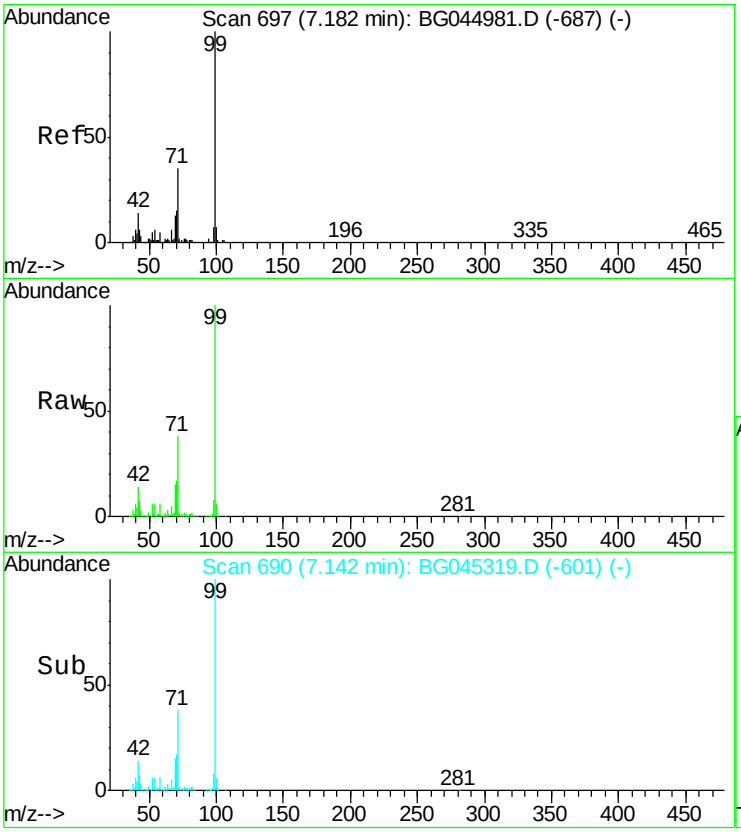


#5
2-Fluorophenol
Concen: 95.968 ng
RT: 5.54 min Scan# 418
Delta R.T. -0.01 min
Lab File: BG045319.D
Acq: 12 May 2020 7:23

Tgt Ion:112 Resp: 515837

Ion	Ratio	Lower	Upper
112	100		
64	57.4	42.4	63.6
63	32.7	23.1	34.7



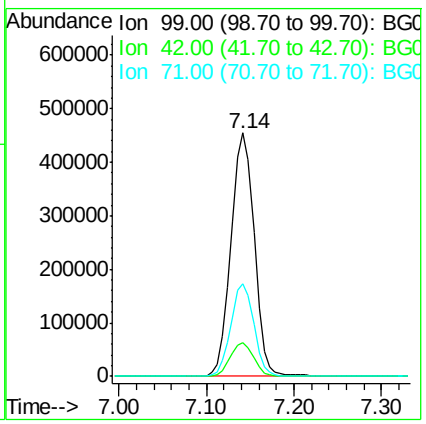


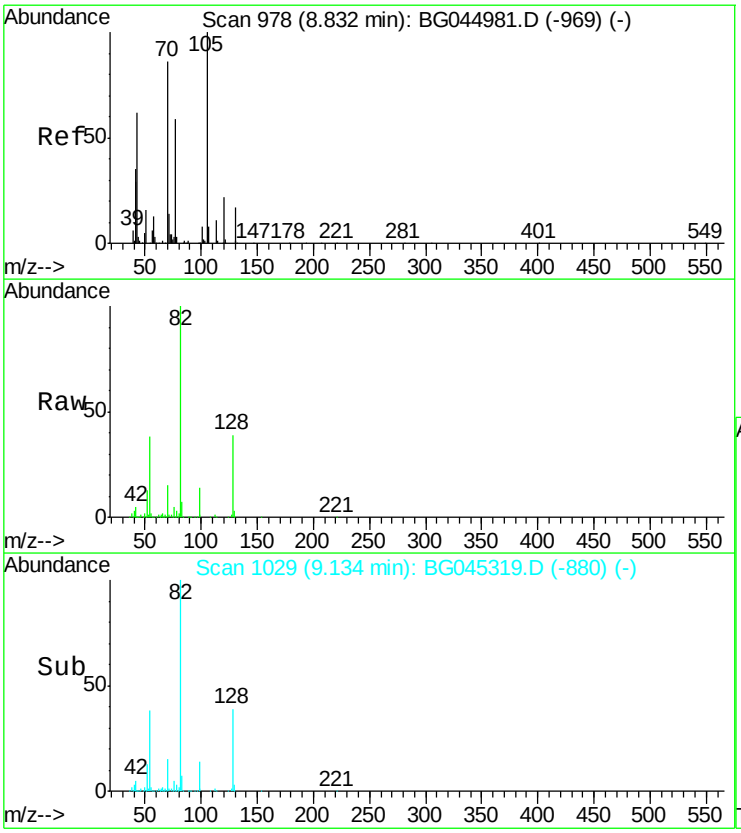
#7
Phenol-d6
Concen: 102.750 ng
RT: 7.14 min Scan# 690
Delta R.T. -0.01 min
Lab File: BG045319.D
Acq: 12 May 2020 7:23

Instrument :
BNA_G
ClientSampleId :
TP-15A

Tgt Ion: 99 Resp: 820567

Ion	Ratio	Lower	Upper
99	100		
42	14.0	11.3	16.9
71	37.8	28.3	42.5

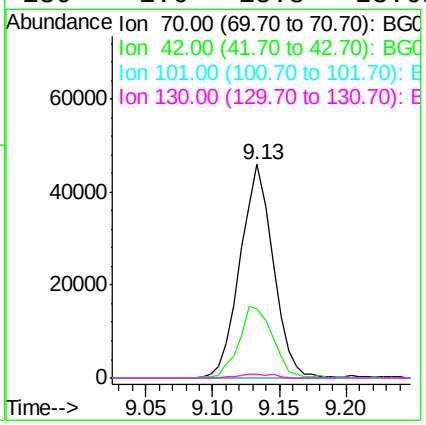


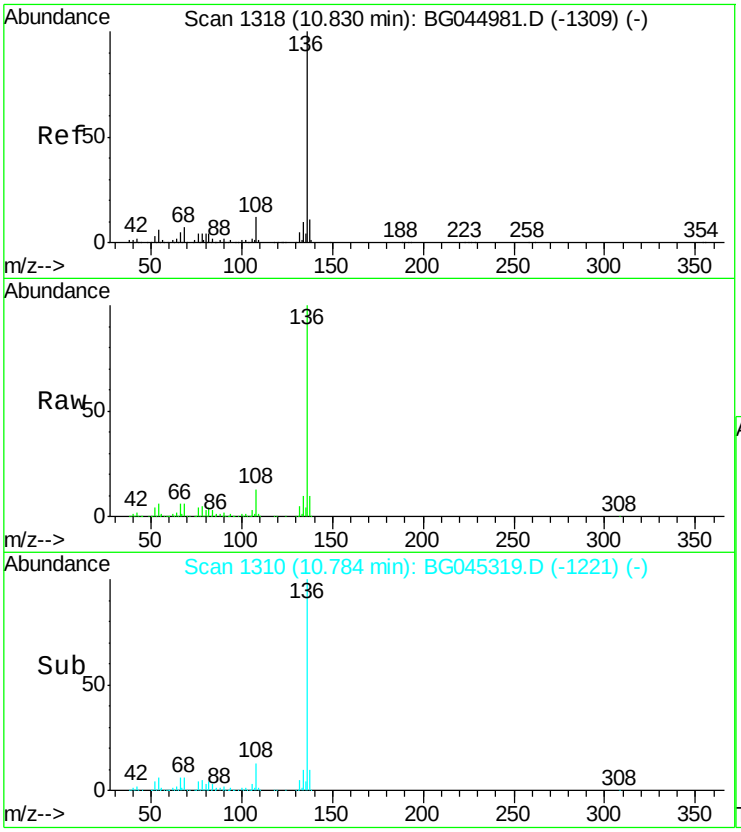


#19
n-Nitroso-di-n-propylamine
Concen: 13.952 ng
RT: 9.13 min Scan# 1029
Delta R.T. 0.35 min
Lab File: BG045319.D
Acq: 12 May 2020 7:23

Tgt Ion: 70 Resp: 78797

Ion	Ratio	Lower	Upper
70	100		
42	32.5	33.3	49.9#
101	0.0	7.8	11.8#
130	1.6	15.8	23.6#



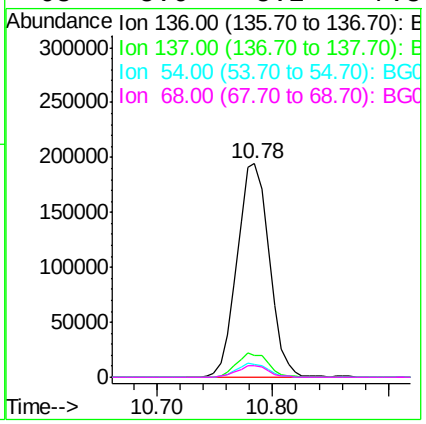


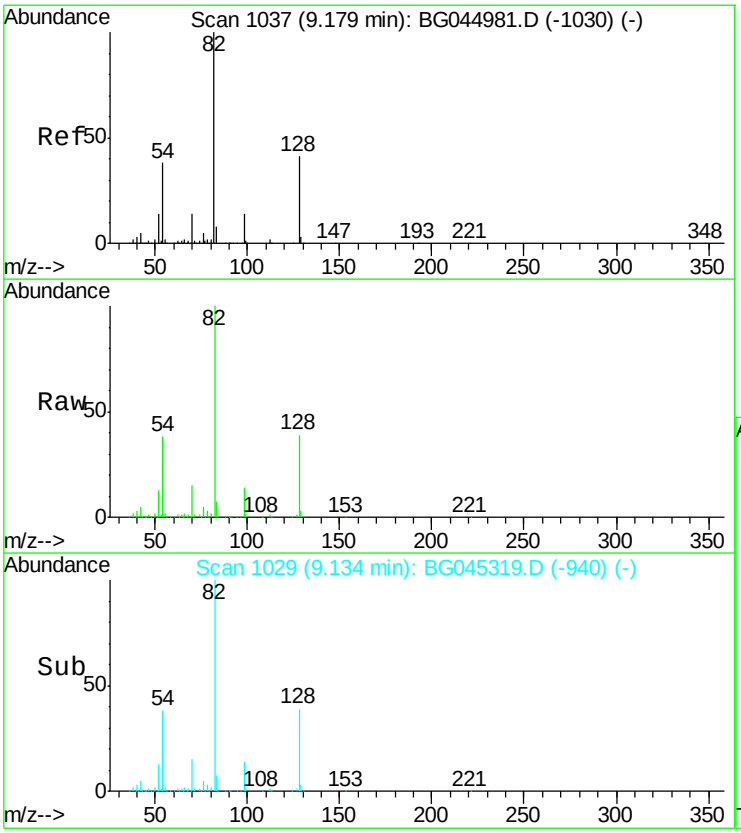
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.78 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG045319.D
Acq: 12 May 2020 7:23

Instrument :
BNA_G
ClientSampleId :
TP-15A

Tgt Ion:136 Resp: 377305

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	6.3	4.8	7.2
68	5.6	5.2	7.8

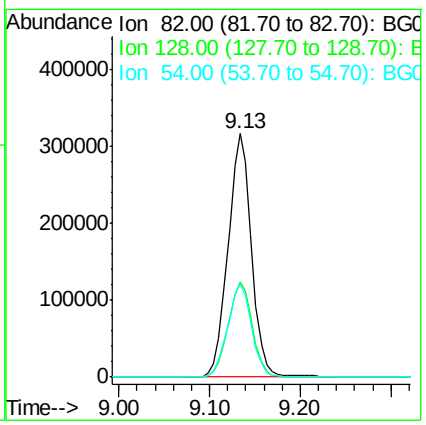


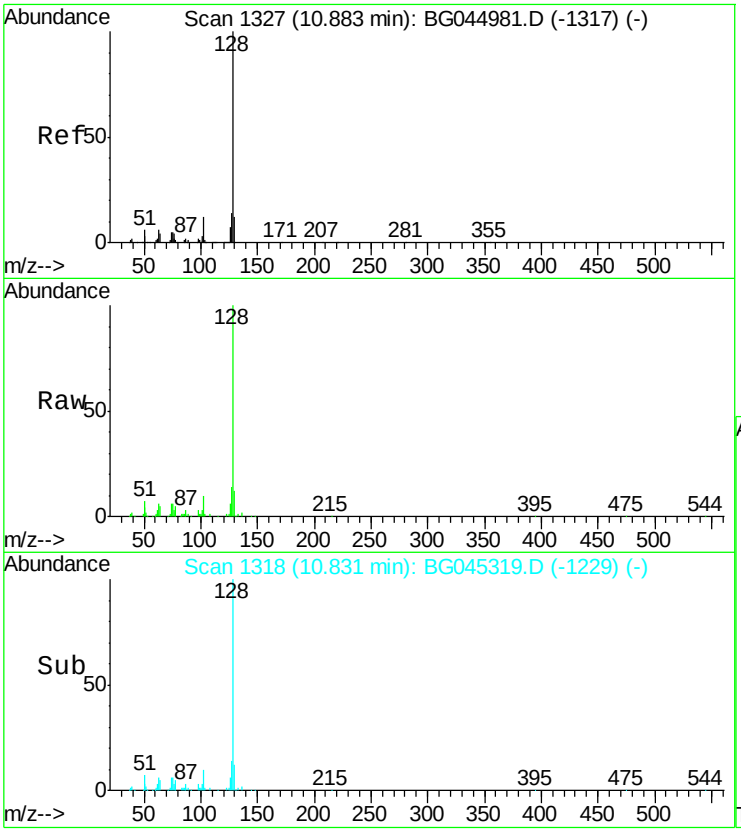


#23
Nitrobenzene-d5
Concen: 68.733 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG045319.D
Acq: 12 May 2020 7:23

Tgt Ion: 82 Resp: 568350

Ion	Ratio	Lower	Upper
82	100		
128	38.9	33.0	49.4
54	37.8	30.4	45.6



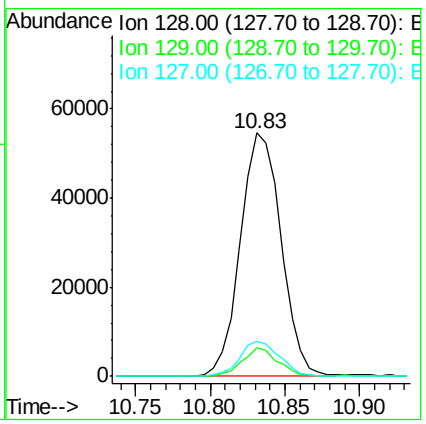


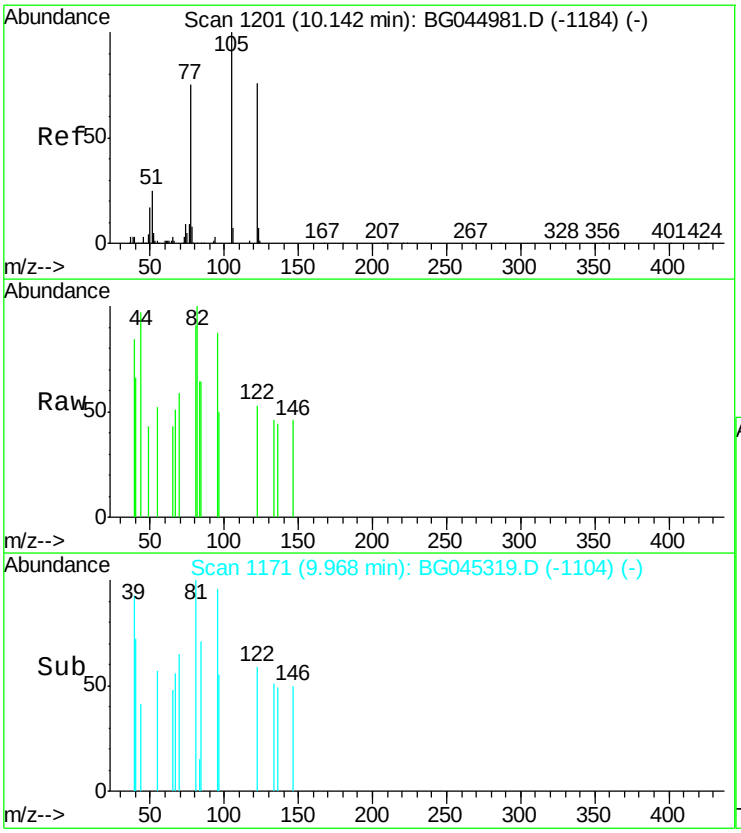
#31
Naphthalene
Concen: 4.990 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG045319.D
Acq: 12 May 2020 7:23

Instrument :
BNA_G
ClientSampleId :
TP-15A

Tgt Ion:128 Resp: 102995

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.4	14.2
127	14.4	10.8	16.2

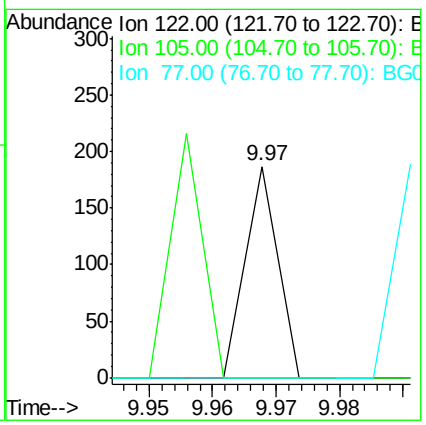


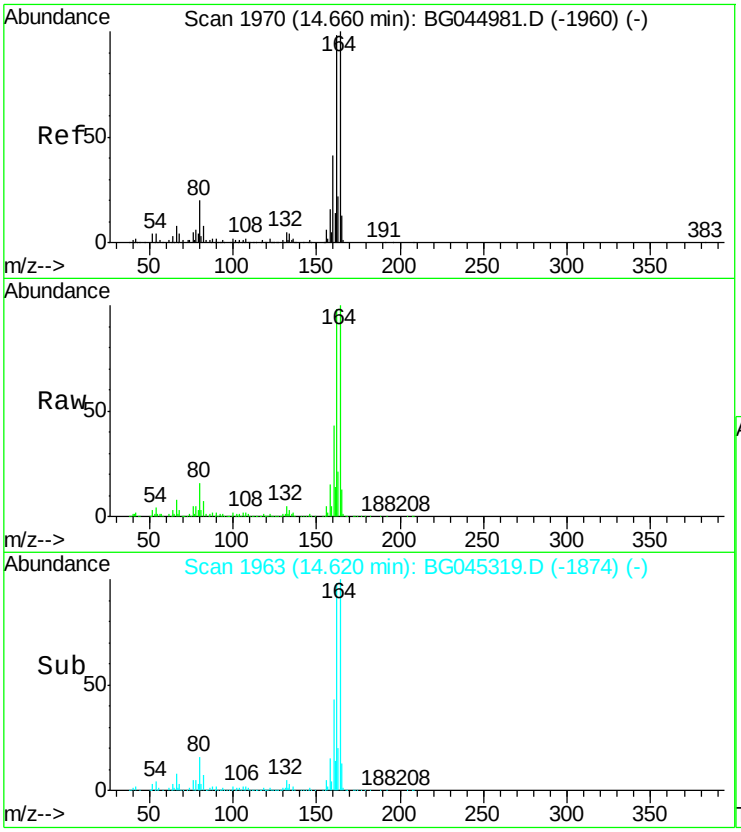


#32
Benzoic acid
Concen: 6.386 ng
RT: 9.97 min Scan# 1171
Delta R.T. -0.13 min
Lab File: BG045319.D
Acq: 12 May 2020 7:23

Tgt Ion:122 Resp: 66

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



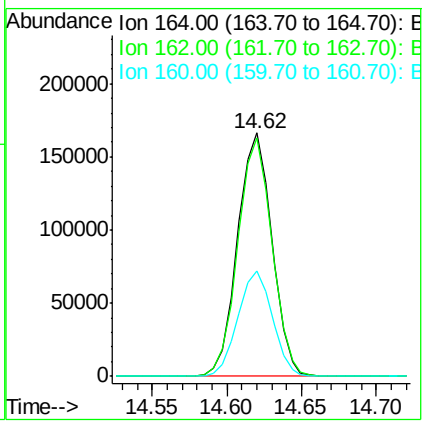


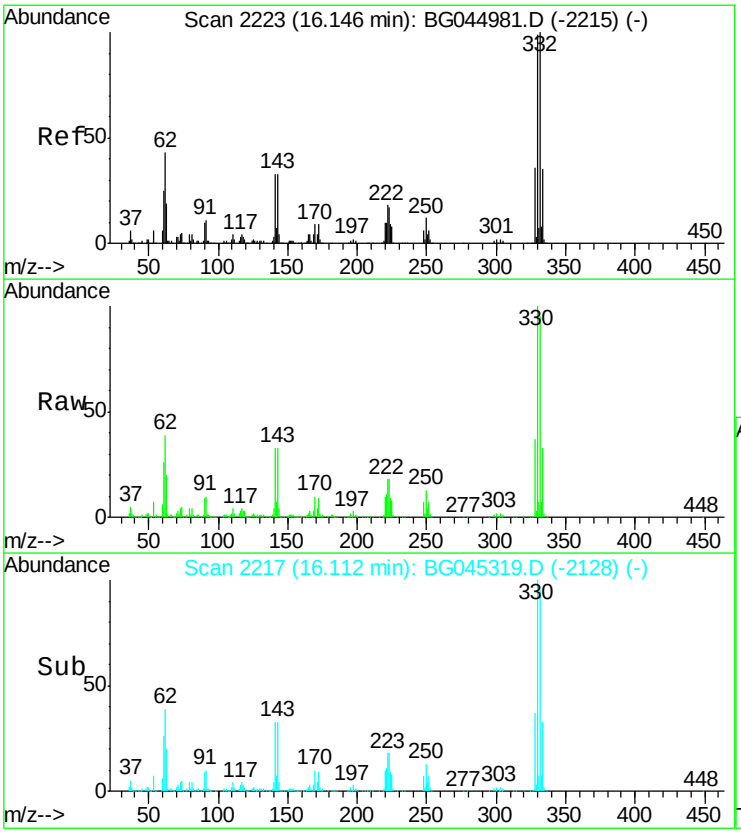
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BG045319.D
Acq: 12 May 2020 7:23

Instrument :
BNA_G
ClientSampleId :
TP-15A

Tgt Ion:164 Resp: 265461

Ion	Ratio	Lower	Upper
164	100		
162	98.1	78.7	118.1
160	43.2	32.8	49.2

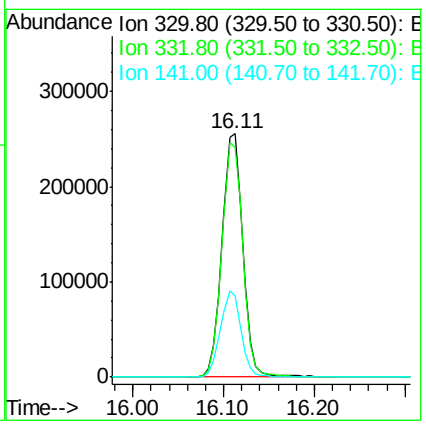


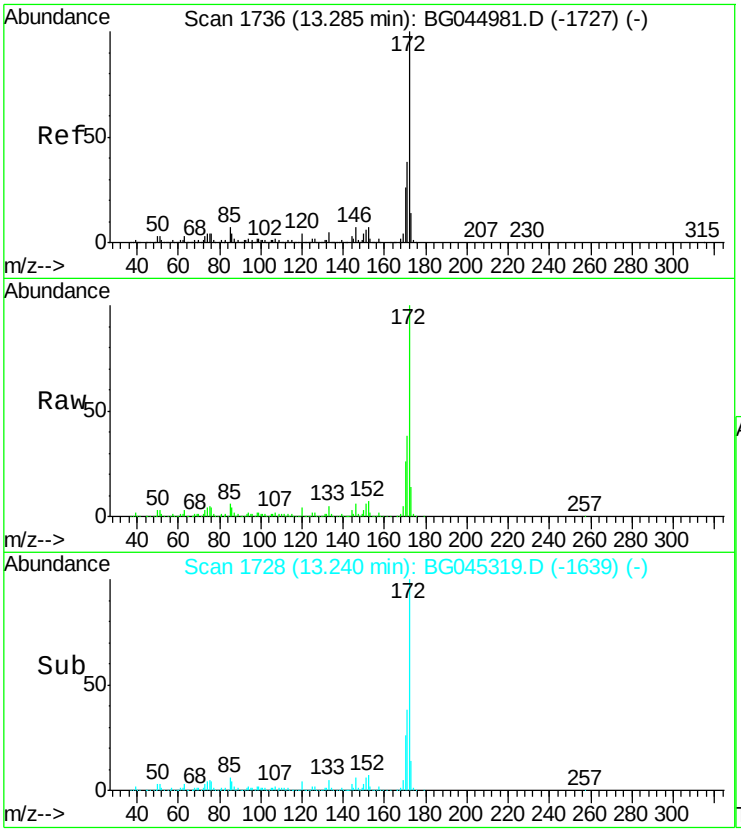


#42
2,4,6-Tribromophenol
Concen: 99.053 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BG045319.D
Acq: 12 May 2020 7:23

Tgt Ion:330 Resp: 406220

Ion	Ratio	Lower	Upper
330	100		
332	96.7	79.1	118.7
141	35.1	27.1	40.7



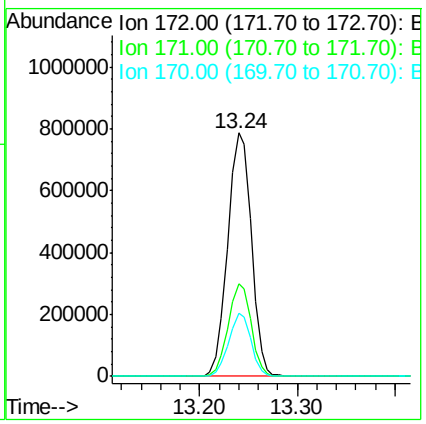


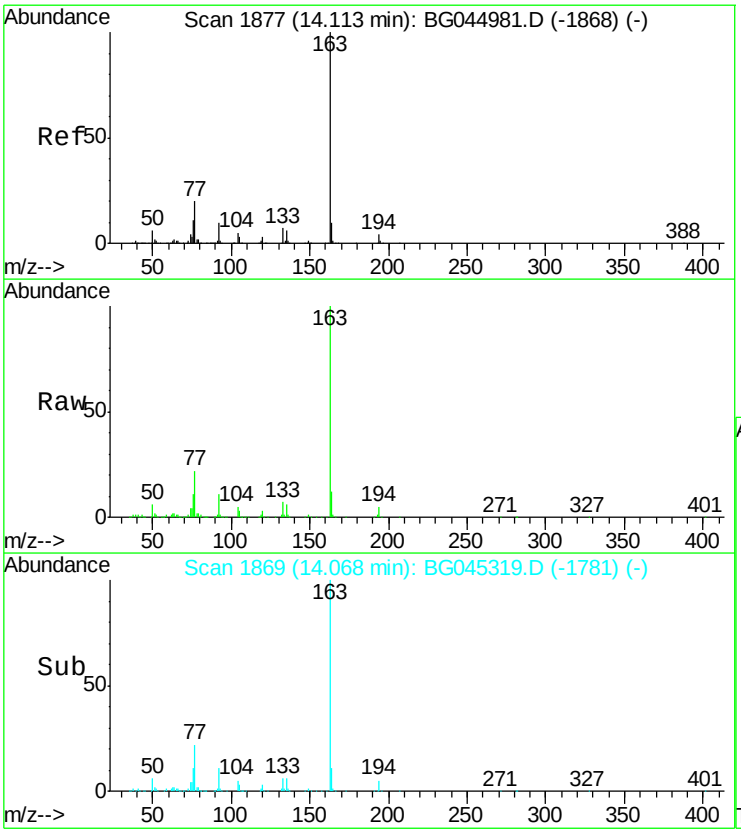
#45
2-Fluorobiphenyl
Concen: 73.194 ng
RT: 13.24 min Scan# 1728
Delta R.T. -0.01 min
Lab File: BG045319.D
Acq: 12 May 2020 7:23

Instrument :
BNA_G
ClientSampleId :
TP-15A

Tgt Ion:172 Resp: 1325101

Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.6	46.0
170	25.8	20.5	30.7

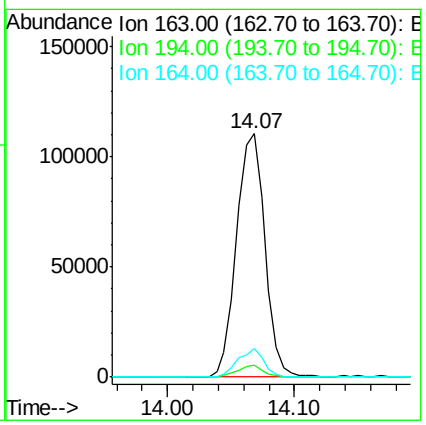


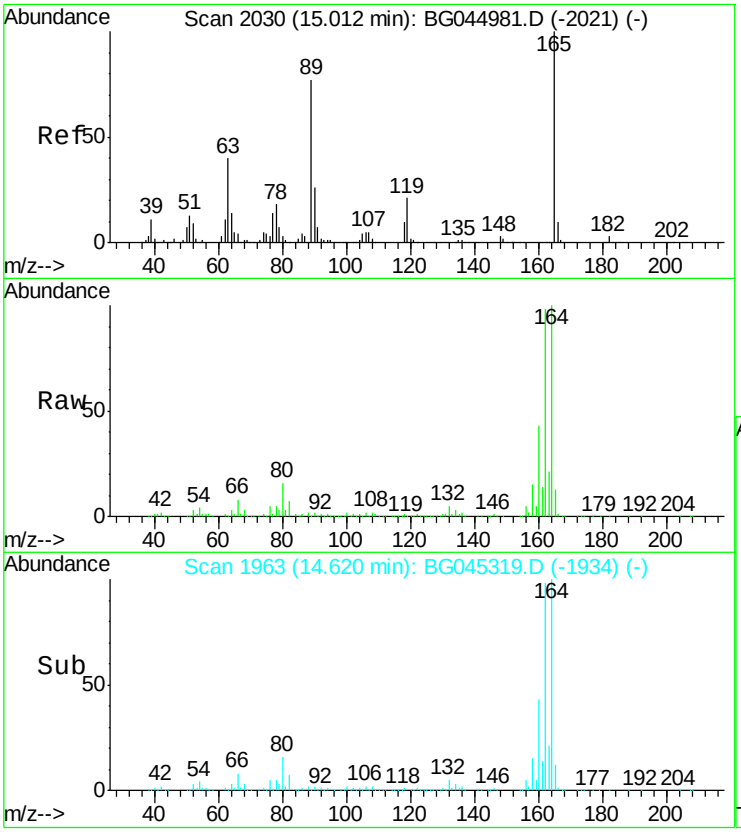


#50
Dimethylphthalate
Concen: 7.950 ng
RT: 14.07 min Scan# 1869
Delta R.T. -0.01 min
Lab File: BG045319.D
Acq: 12 May 2020 7:23

Tgt Ion:163 Resp: 171834

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



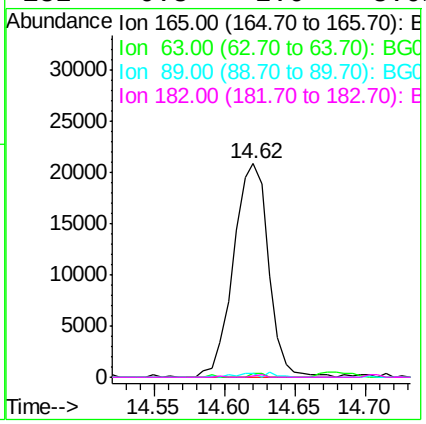


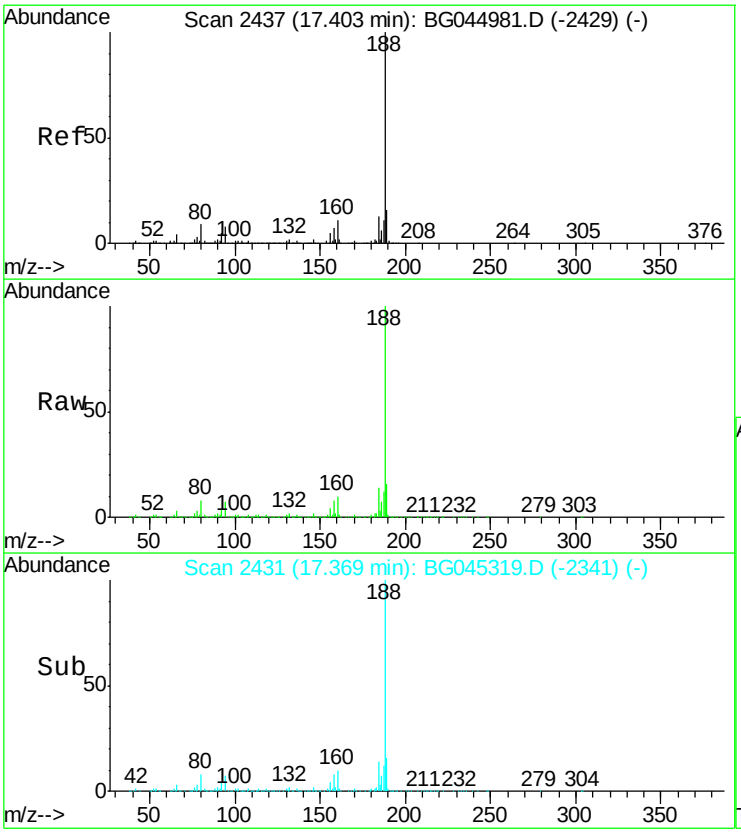
#57
2,4-Dinitrotoluene
Concen: 5.105 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.36 min
Lab File: BG045319.D
Acq: 12 May 2020 7:23

Instrument :
BNA_G
ClientSampleId :
TP-15A

Tgt Ion:165 Resp: 36066

Ion	Ratio	Lower	Upper
165	100		
63	2.0	32.2	48.2#
89	1.5	61.7	92.5#
182	0.8	2.0	3.0#

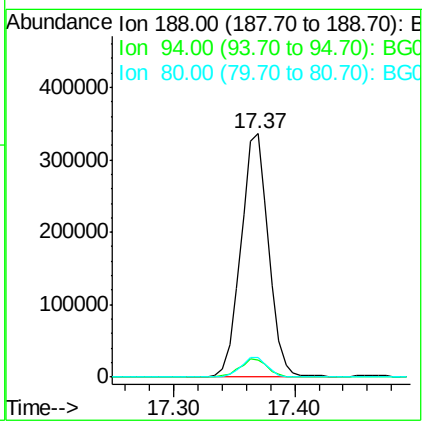


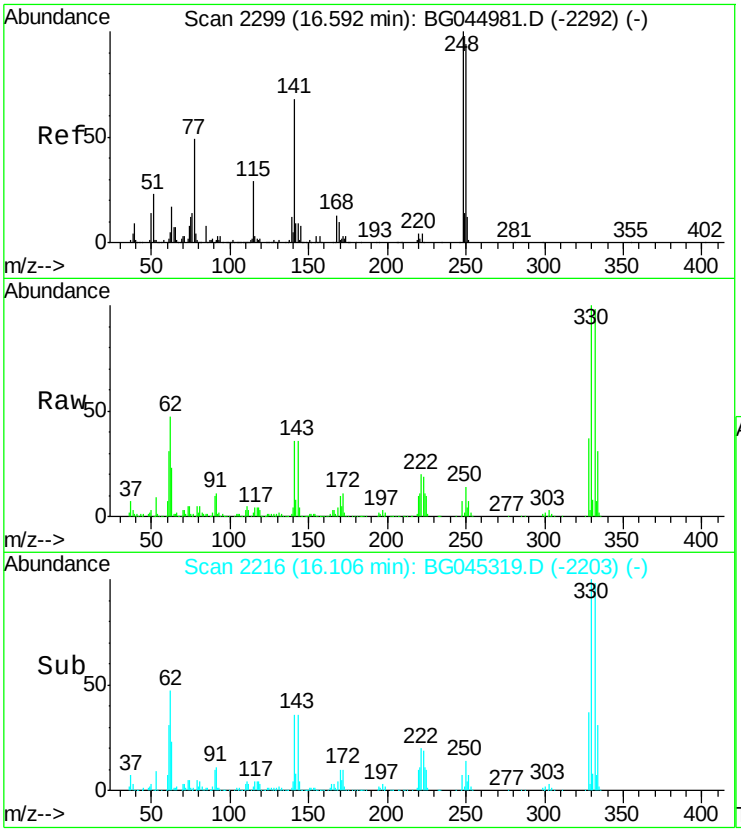


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BG045319.D
Acq: 12 May 2020 7:23

Tgt Ion:188 Resp: 536359

Ion	Ratio	Lower	Upper
188	100		
94	6.8	6.2	9.4
80	8.2	7.0	10.6



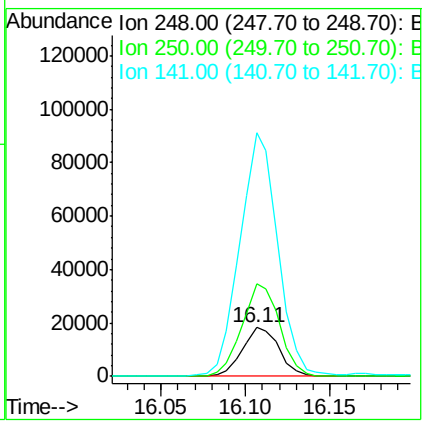


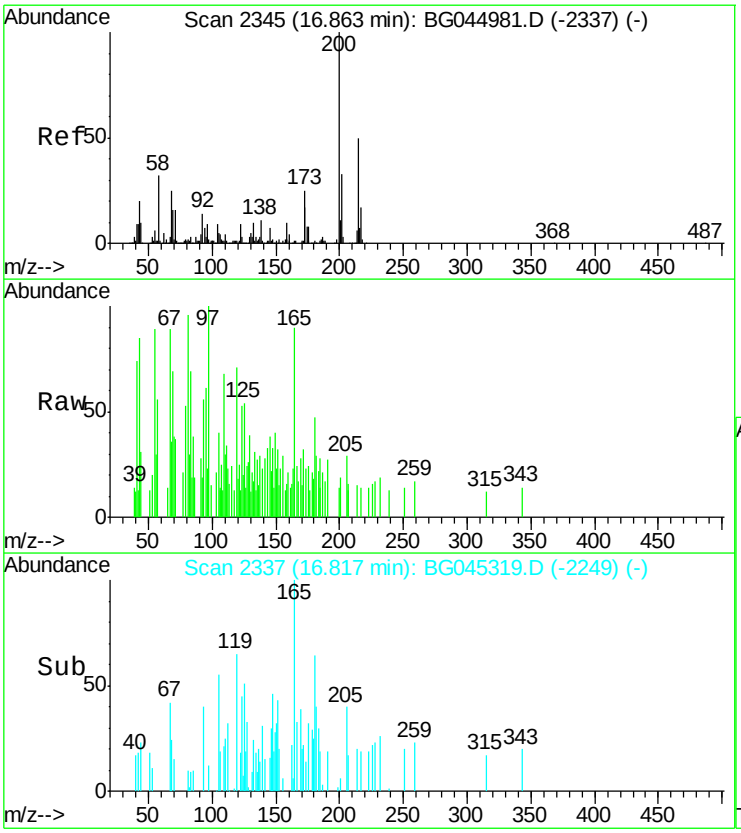
#67
4-Bromophenyl-phenylether
Concen: 3.950 ng
RT: 16.11 min Scan# 2216
Delta R.T. -0.45 min
Lab File: BG045319.D
Acq: 12 May 2020 7:23

Instrument :
BNA_G
ClientSampleId :
TP-15A

Tgt Ion:248 Resp: 27332

Ion	Ratio	Lower	Upper
248	100		
250	189.0	75.4	113.2#
141	500.2	54.4	81.6#

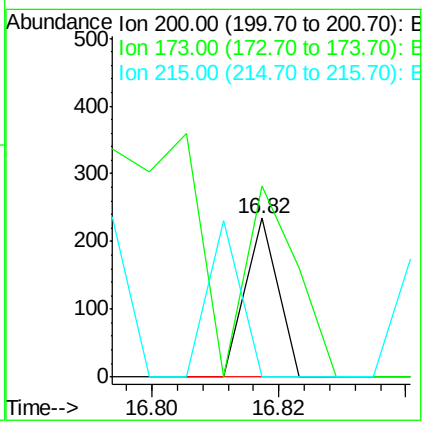


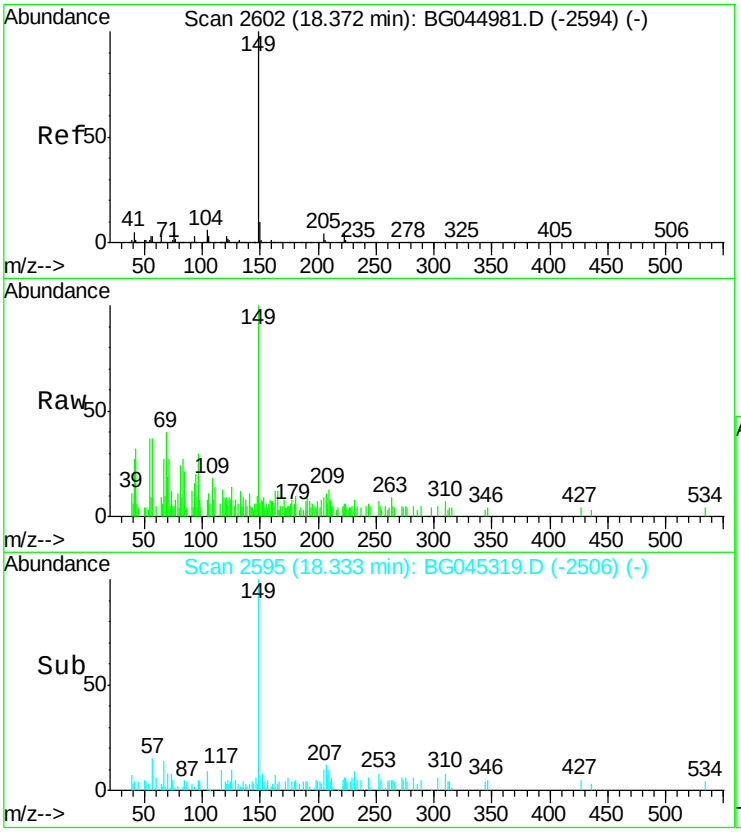


#69
Atrazine
Concen: Below Cal
RT: 16.82 min Scan# 2337
Delta R.T. -0.01 min
Lab File: BG045319.D
Acq: 12 May 2020 7:23

Tgt Ion:200 Resp: 82

Ion	Ratio	Lower	Upper
200	100		
173	120.5	4.5	44.5#
215	0.0	30.0	70.0#



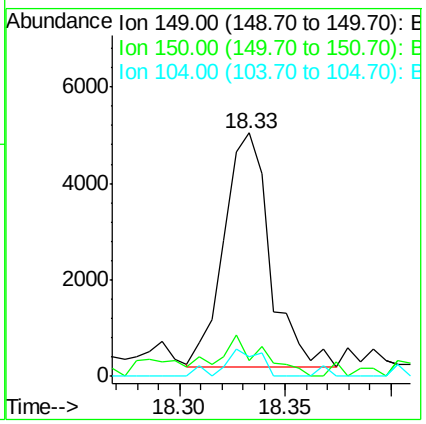


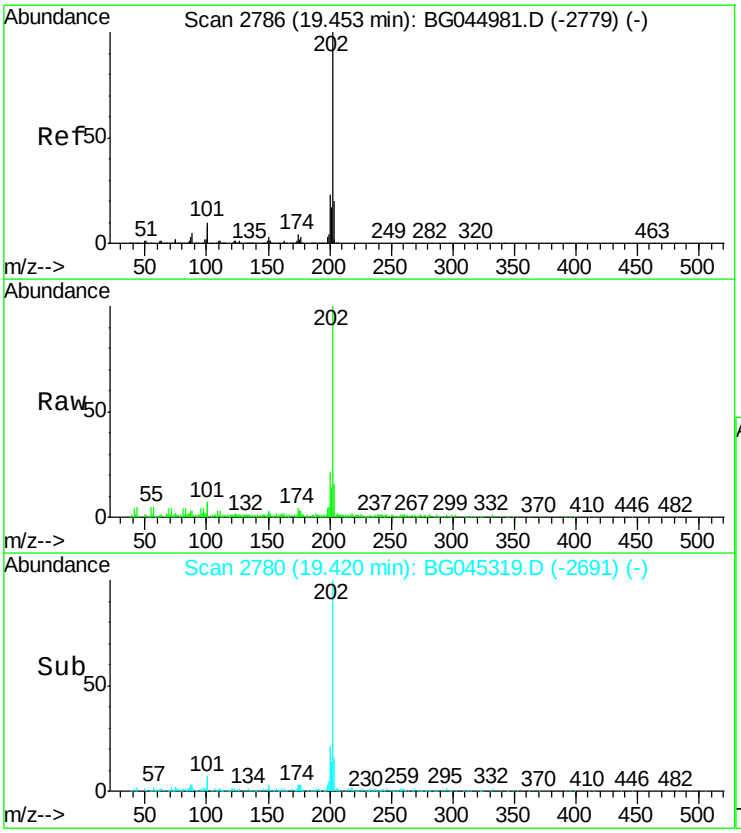
#74
Di-n-butylphthalate
Concen: Below Cal
RT: 18.33 min Scan# 2595
Delta R.T. -0.01 min
Lab File: BG045319.D
Acq: 12 May 2020 7:23

Instrument :
BNA_G
ClientSampleId :
TP-15A

Tgt Ion:149 Resp: 7257

Ion	Ratio	Lower	Upper
149	100		
150	6.5	8.2	12.2#
104	8.3	4.8	7.2#

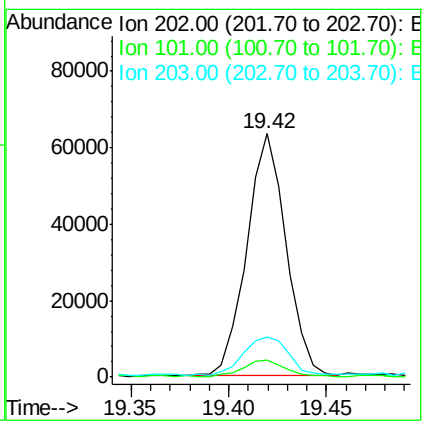


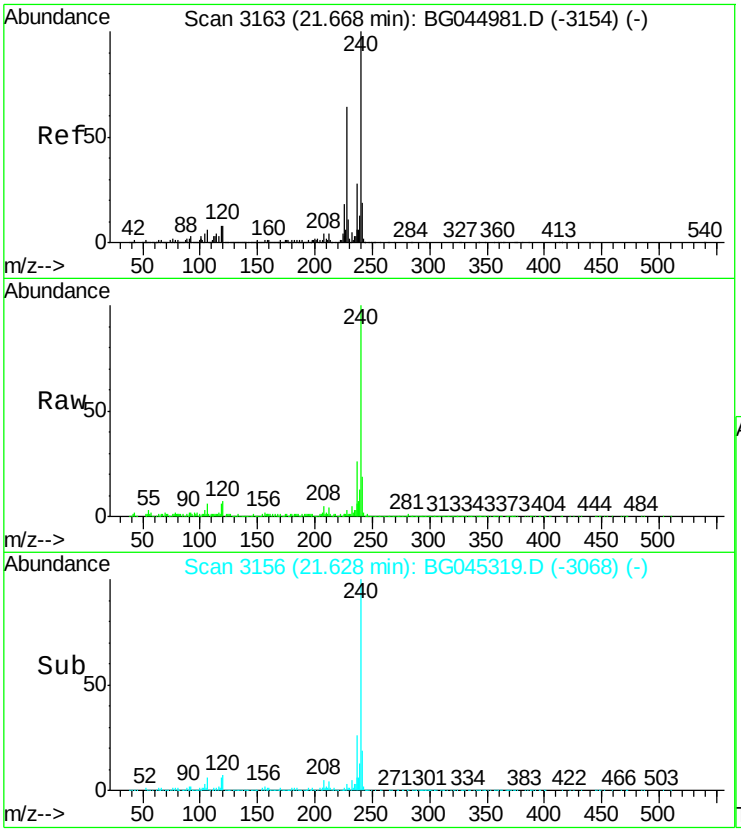


#75
Fluoranthene
Concen: Below Cal
RT: 19.42 min Scan# 2780
Delta R.T. -0.01 min
Lab File: BG045319.D
Acq: 12 May 2020 7:23

Tgt Ion:202 Resp: 88098

Ion	Ratio	Lower	Upper
202	100		
101	6.9	0.0	29.6
203	16.5	0.0	39.7



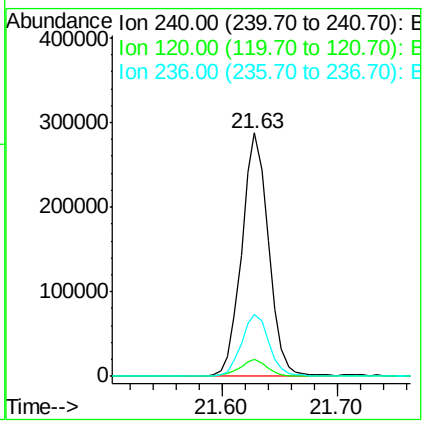


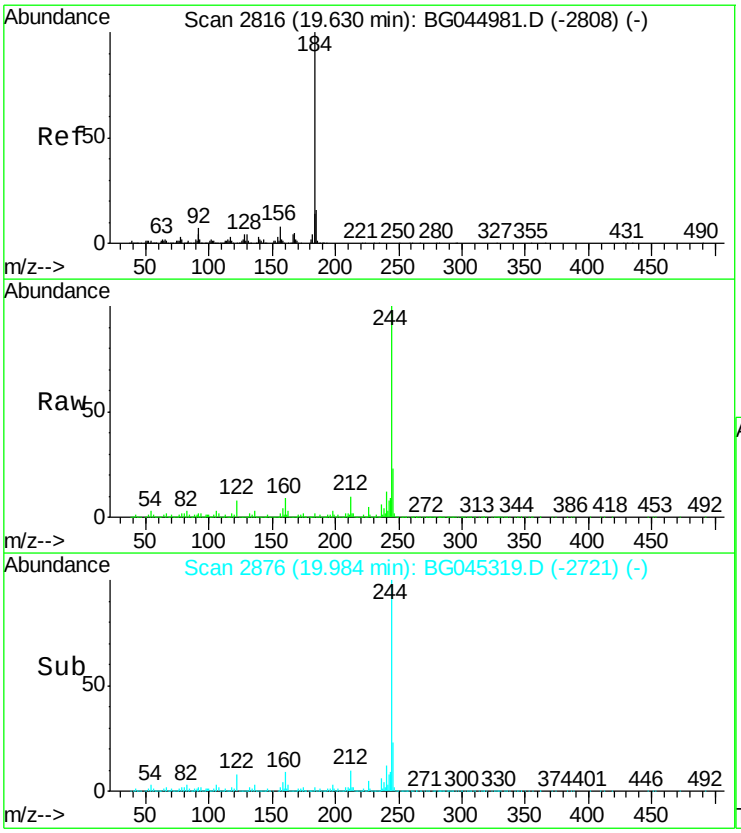
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG045319.D
Acq: 12 May 2020 7:23

Instrument :
BNA_G
ClientSampleId :
TP-15A

Tgt Ion:240 Resp: 461856

Ion	Ratio	Lower	Upper
240	100		
120	7.0	6.6	10.0
236	25.6	22.2	33.2

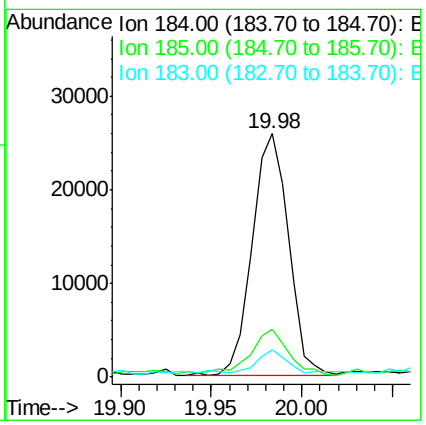


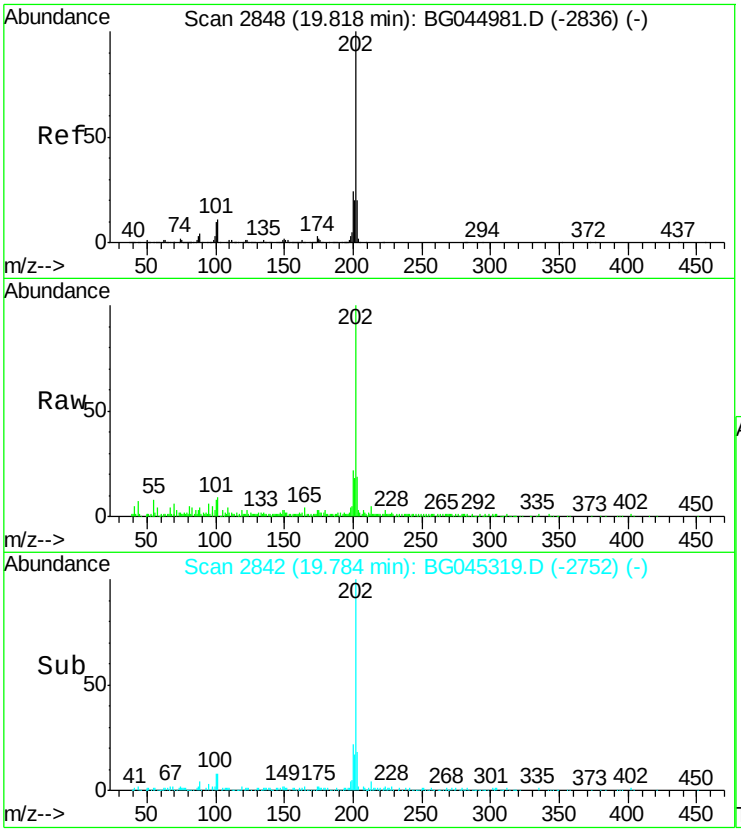


#77
Benzidine
Concen: Below Cal
RT: 19.98 min Scan# 2876
Delta R.T. 0.38 min
Lab File: BG045319.D
Acq: 12 May 2020 7:23

Tgt Ion:184 Resp: 35652

Ion	Ratio	Lower	Upper
184	100		
185	19.7	12.6	19.0#
183	11.3	11.3	16.9#



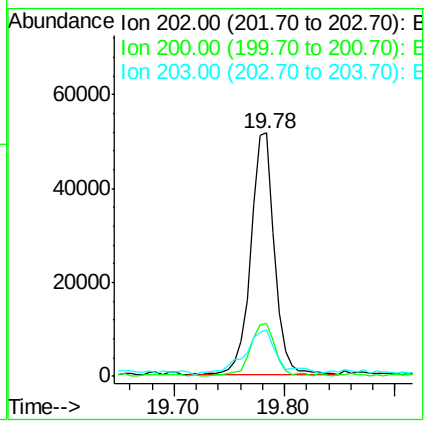


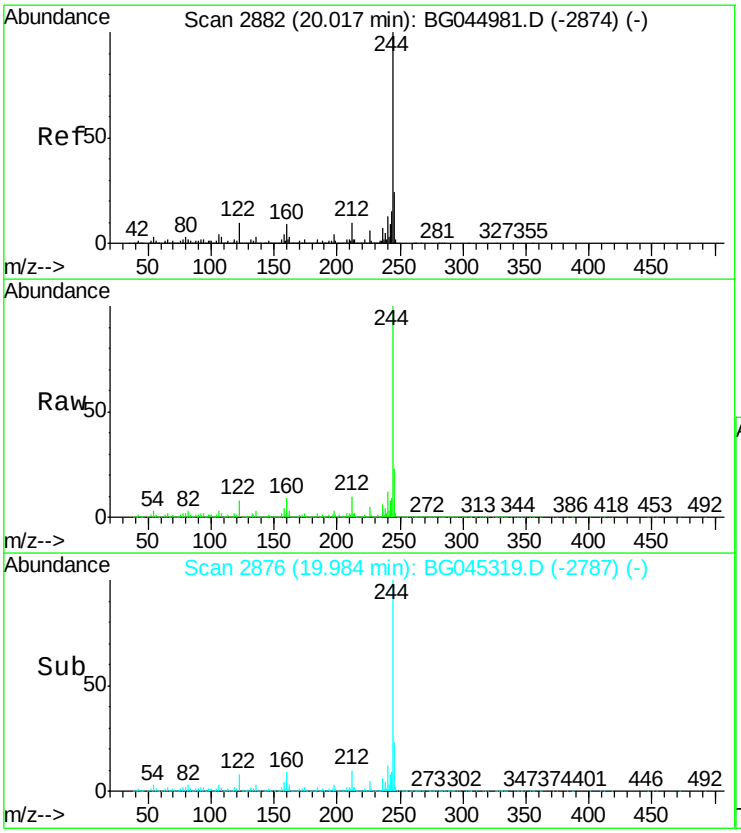
#78
Pyrene
Concen: 2.421 ng
RT: 19.78 min Scan# 2842
Delta R.T. 0.00 min
Lab File: BG045319.D
Acq: 12 May 2020 7:23

Instrument :
BNA_G
ClientSampleId :
TP-15A

Tgt Ion:202 Resp: 77101

Ion	Ratio	Lower	Upper
202	100		
200	21.9	19.0	28.6
203	19.1	16.1	24.1

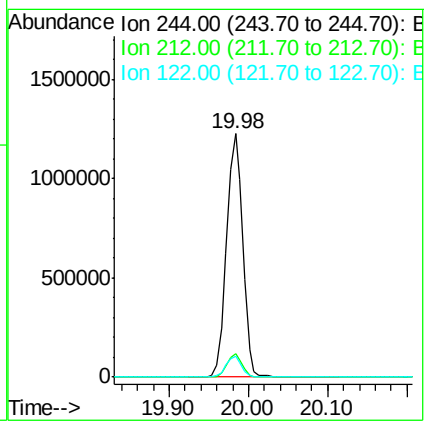


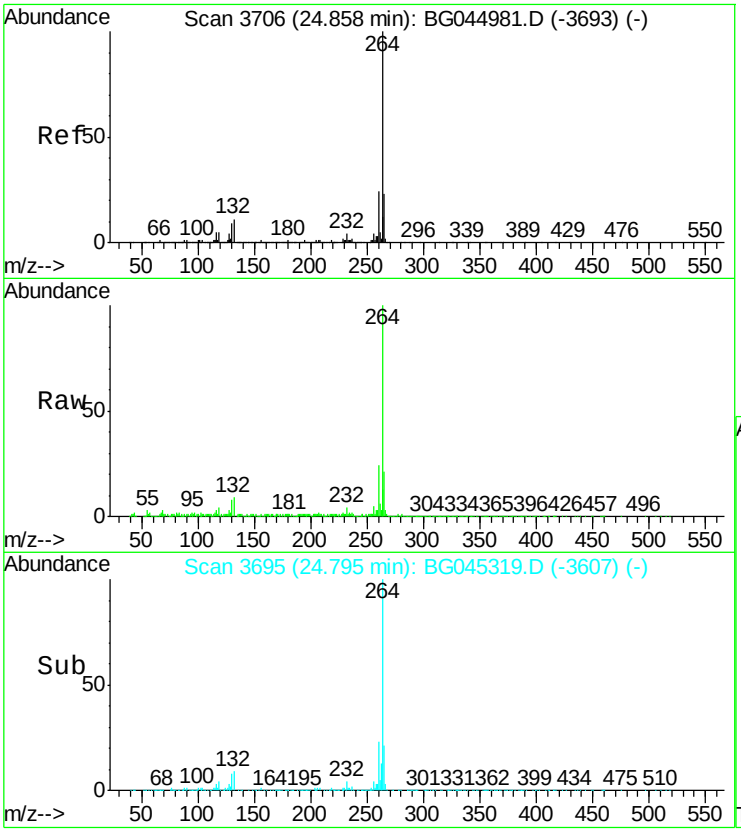


#79
Terphenyl-d14
Concen: 81.905 ng
RT: 19.98 min Scan# 2876
Delta R.T. -0.01 min
Lab File: BG045319.D
Acq: 12 May 2020 7:23

Tgt Ion:244 Resp: 1735590

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.9	11.9
122	8.5	7.7	11.5



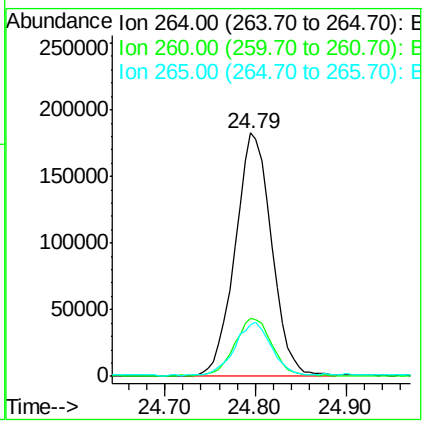


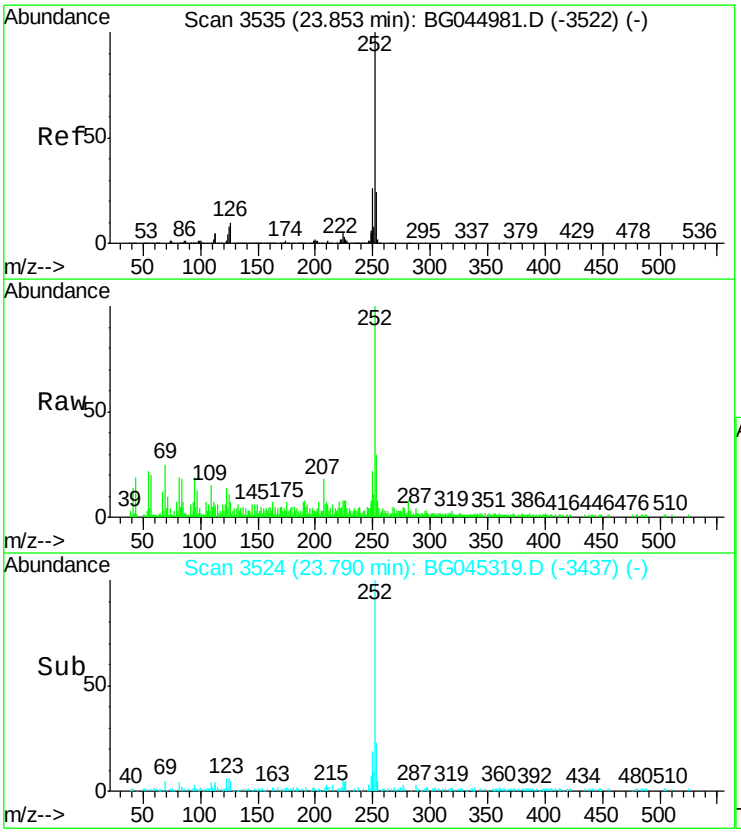
#87
Perylene-d12
Concen: 20.000 ng
RT: 24.79 min Scan# 3695
Delta R.T. -0.01 min
Lab File: BG045319.D
Acq: 12 May 2020 7:23

Instrument :
BNA_G
ClientSampleId :
TP-15A

Tgt Ion:264 Resp: 508921

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.5	19.0	28.4

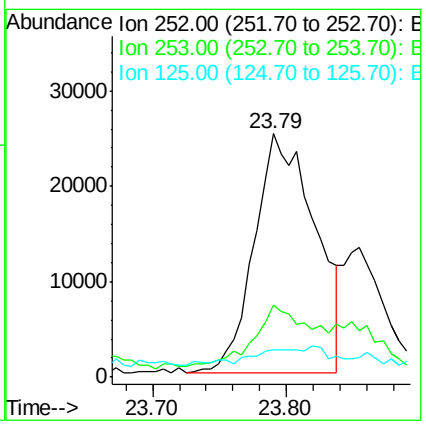


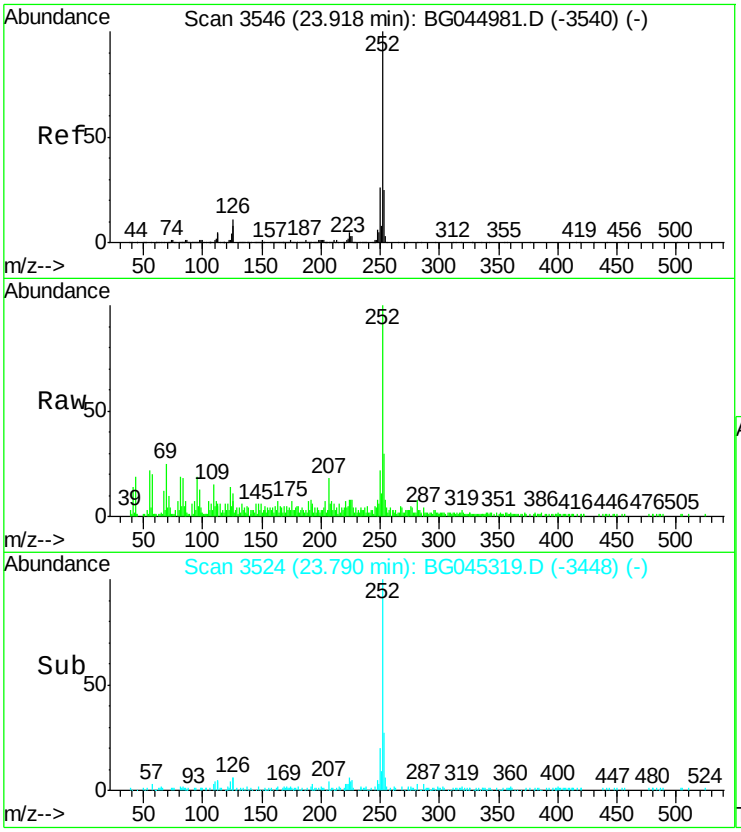


#88
Benzo(b)fluoranthene
Concen: 2.479 ng
RT: 23.79 min Scan# 3524
Delta R.T. -0.02 min
Lab File: BG045319.D
Acq: 12 May 2020 7:23

Tgt Ion:252 Resp: 79017

Ion	Ratio	Lower	Upper
252	100		
253	29.6	18.8	28.2#
125	11.3	6.2	9.4#





#89
Benzo(k)fluoranthene
Concen: 2.606 ng
RT: 23.79 min Scan# 3524
Delta R.T. -0.08 min
Lab File: BG045319.D
Acq: 12 May 2020 7:23

Instrument :
BNA_G
ClientSampleId :
TP-15A

Tgt Ion:252 Resp: 79017

Ion	Ratio	Lower	Upper
252	100		
253	29.6	19.2	28.8#
125	11.3	5.9	8.9#