Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062019\
Data File : BG041367.D
Acq On : 20 Jun 2019 21:32
Operator : HP/JU
Sample : K3455-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 21 01:34:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 14:58:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	48291	20.00	ng		0.00
21) Naphthalene-d8	10.90	136	185368	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	123305	20.00	ng		0.00
64) Phenanthrene-d10	17.46	188	271964	20.00	ng		0.00
76) Chrysene-d12	21.76	240	260096	20.00	ng		0.02
87) Perylene-d12	25.09	264	187867	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	248294	94.47	ng		0.00
7) Phenol-d6	7.24	99	374995	98.43	ng		0.00
23) Nitrobenzene-d5	9.26	82	274840	62.36	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	167622	88.55	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	536951	59.19	ng		0.00
79) Terphenyl-d14	20.06	244	682289	51.99	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.26	70	38727	12.569	ng	#	79
50) Dimethylphthalate	14.16	163	92430	8.425	ng		99
56) 4-Nitrophenol	15.11	139	7420	7.329	ng	#	1
57) 2,4-Dinitrotoluene	14.72	165	16051	4.747	ng	#	21
67) 4-Bromophenyl-phenylether	16.21	248	11938	3.395	ng	#	1
71) Phenanthrene	17.51	178	1133645	78.156	ng		98
72) Anthracene	17.60	178	190483	13.321	ng		98
73) Carbazole	17.88	167	45383	3.628	ng		97
75) Fluoranthene	19.53	202	2798021	145.202	ng		82
78) Pyrene	19.90	202	3104273	176.972	ng	#	77
81) Benzo(a)anthracene	21.74	228	2431430	138.065	ng		91
83) Chrysene	21.82	228	2726825	161.008	ng	#	87
86) Indeno(1,2,3-cd)pyrene	28.93	276	770863	38.364	ng		96
88) Benzo(b)fluoranthene	24.05	252	2323943	199.604	ng		95
89) Benzo(k)fluoranthene	24.05	252	2323943	201.490	ng		96
90) Benzo(a)pyrene	24.95	252	1588314	144.449	ng		96
91) Dibenzo(a,h)anthracene	28.96	278	222788	20.126	ng		94
92) Benzo(g,h,i)perylene	30.14	276	702224	64.190	ng		95

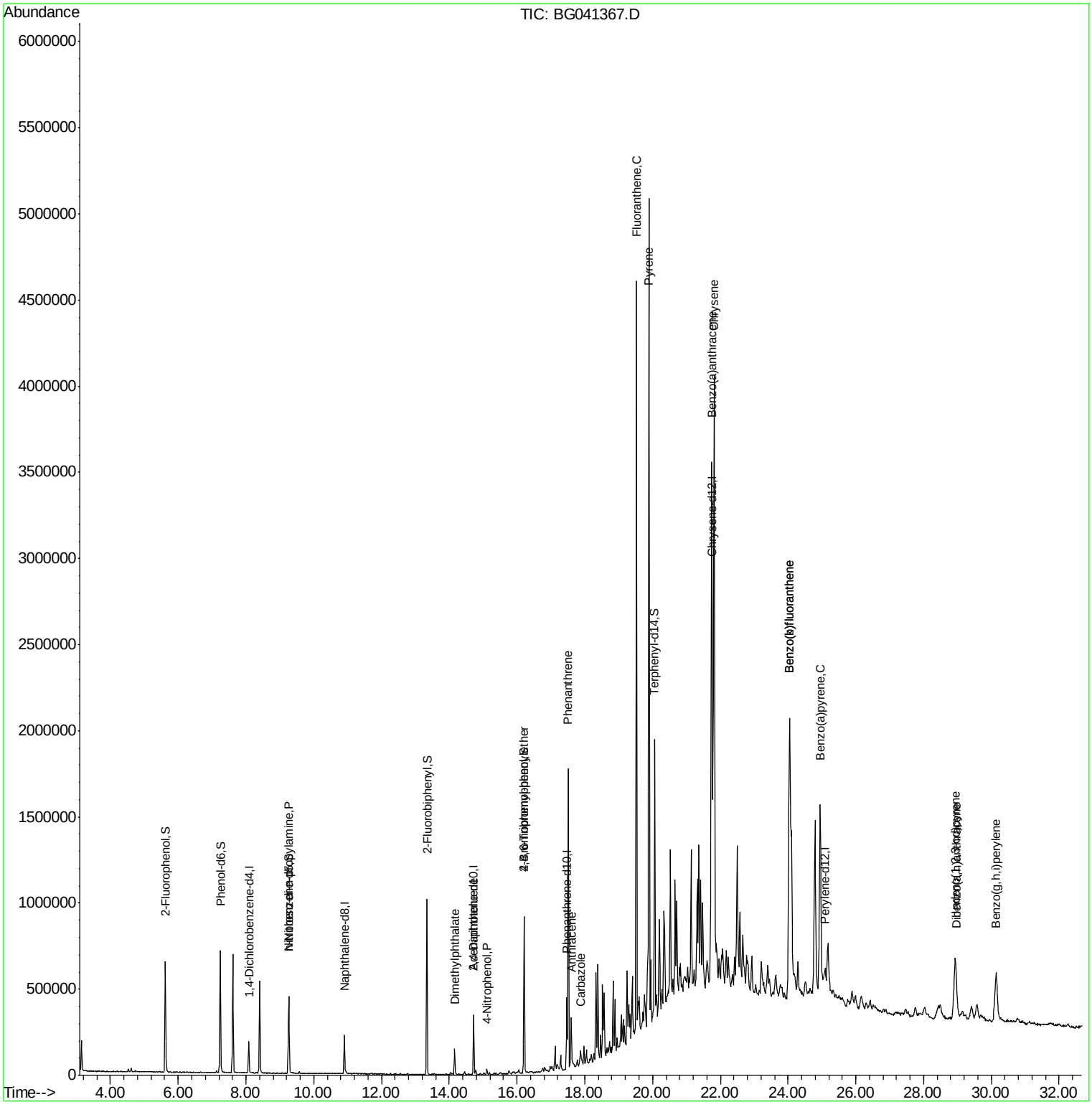
(#) = qualifier out of range (m) = manual integration (+) = signals summed

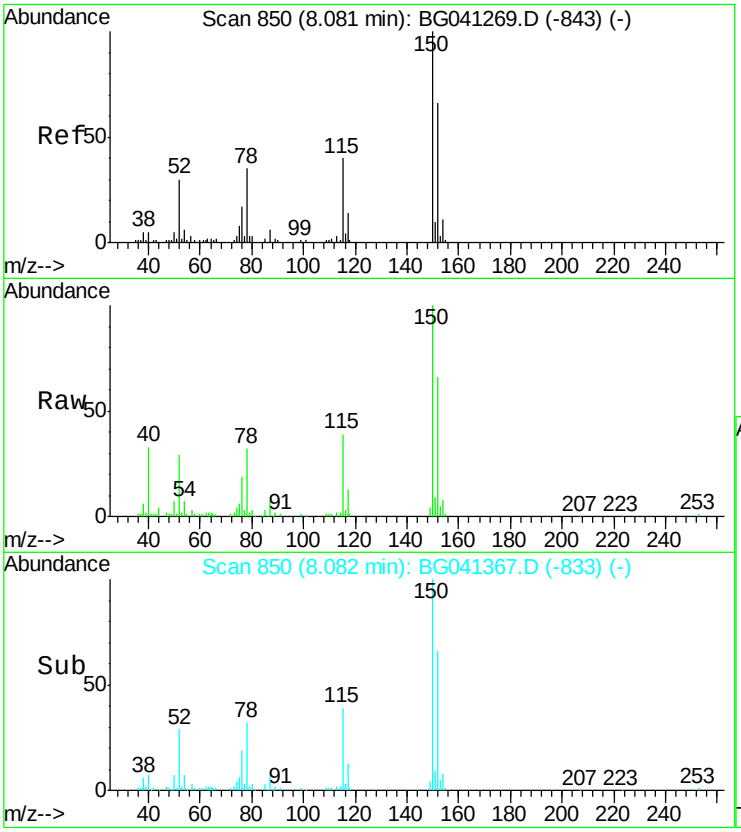
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062019\
Data File : BG041367.D
Acq On : 20 Jun 2019 21:32
Operator : HP/JU
Sample : K3455-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jun 21 01:34:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 14:58:02 2019
Response via : Initial Calibration



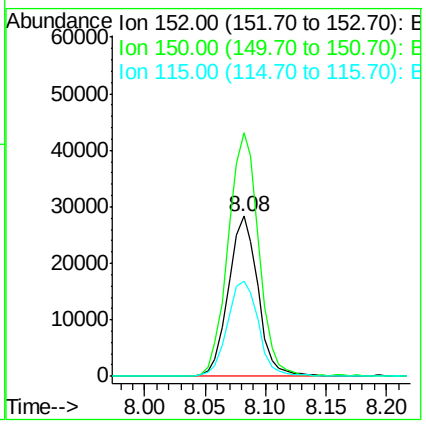


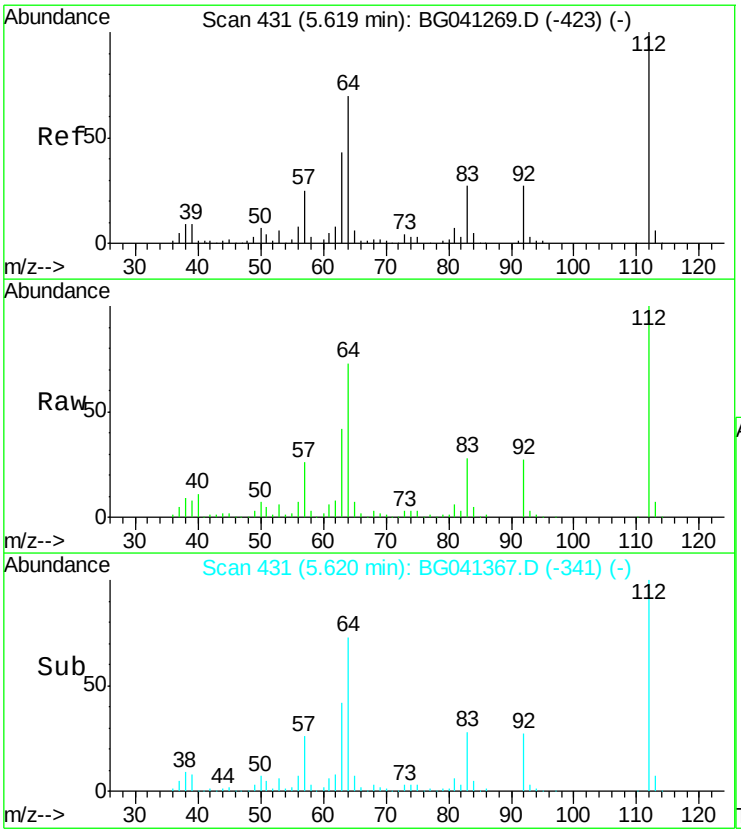
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 850
Delta R.T. 0.00 min
Lab File: BG041367.D
Acq: 20 Jun 2019 21:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 48291

Ion	Ratio	Lower	Upper
152	100		
150	152.2	120.6	181.0
115	59.8	47.9	71.9

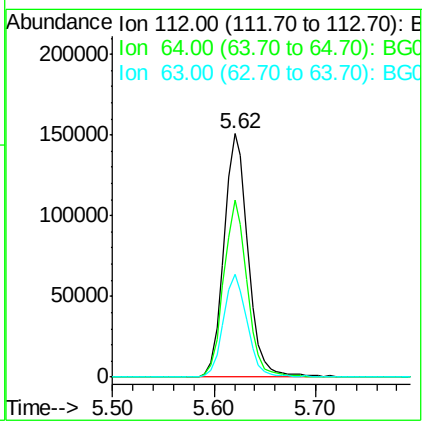


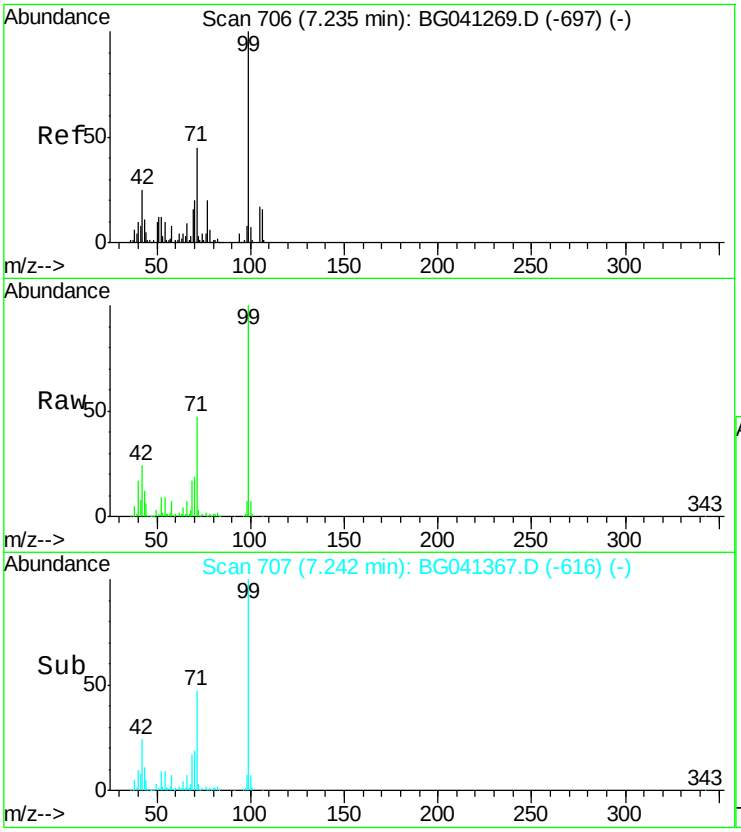


#5
2-Fluorophenol
Concen: 94.473 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG041367.D
Acq: 20 Jun 2019 21:32

Tgt Ion:112 Resp: 248294

Ion	Ratio	Lower	Upper
112	100		
64	72.7	55.9	83.9
63	42.4	34.6	51.8



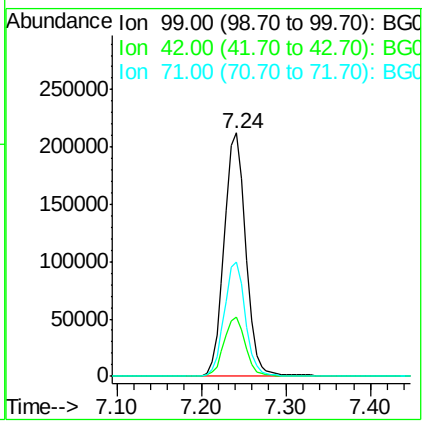


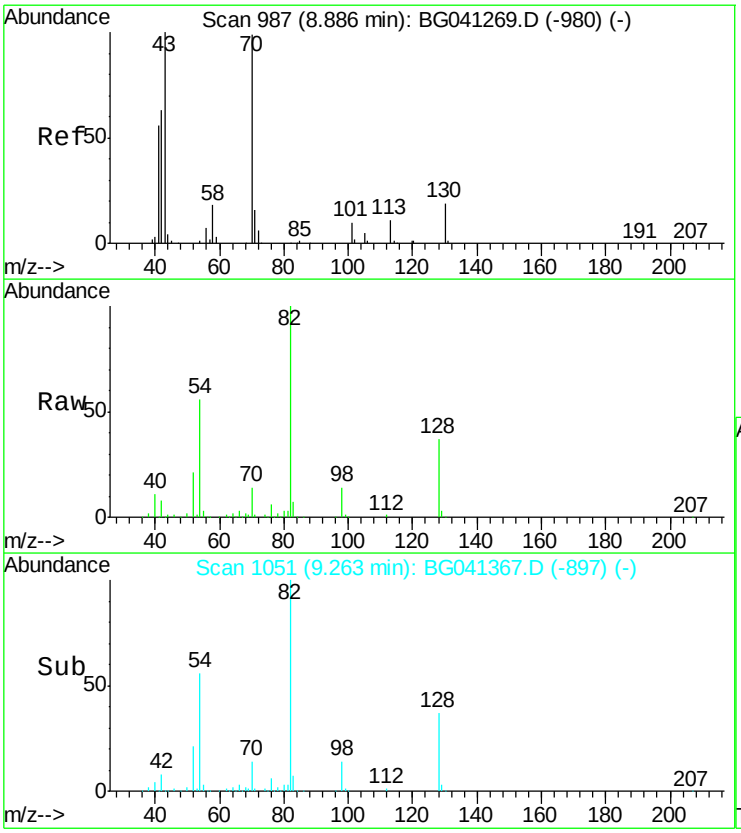
#7
Phenol-d6
Concen: 98.434 ng
RT: 7.24 min Scan# 707
Delta R.T. 0.01 min
Lab File: BG041367.D
Acq: 20 Jun 2019 21:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 374995

Ion	Ratio	Lower	Upper
99	100		
42	24.4	19.9	29.9
71	46.7	36.4	54.6

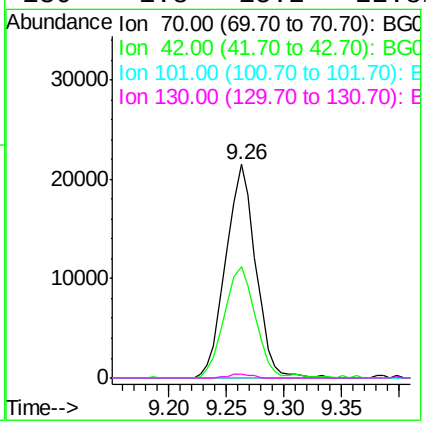


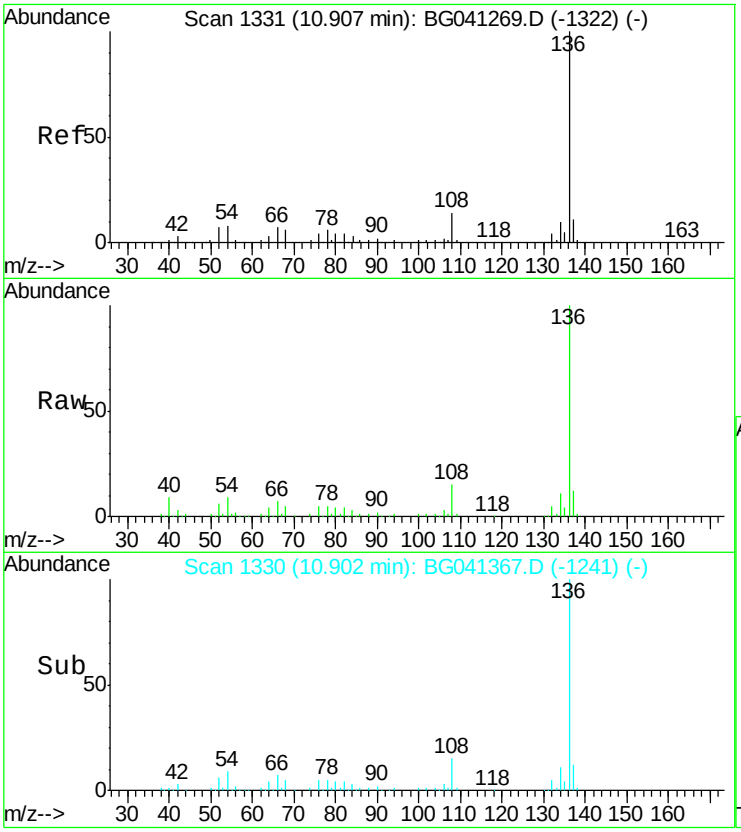


#19
n-Nitroso-di-n-propylamine
Concen: 12.569 ng
RT: 9.26 min Scan# 1051
Delta R.T. 0.38 min
Lab File: BG041367.D
Acq: 20 Jun 2019 21:32

Tgt Ion: 70 Resp: 38727

Ion	Ratio	Lower	Upper
70	100		
42	52.4	51.4	77.2
101	0.0	8.2	12.2#
130	1.8	15.2	22.8#



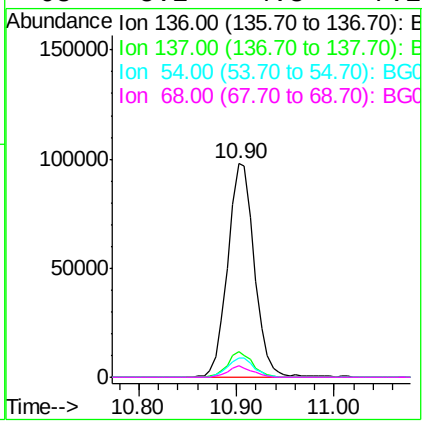


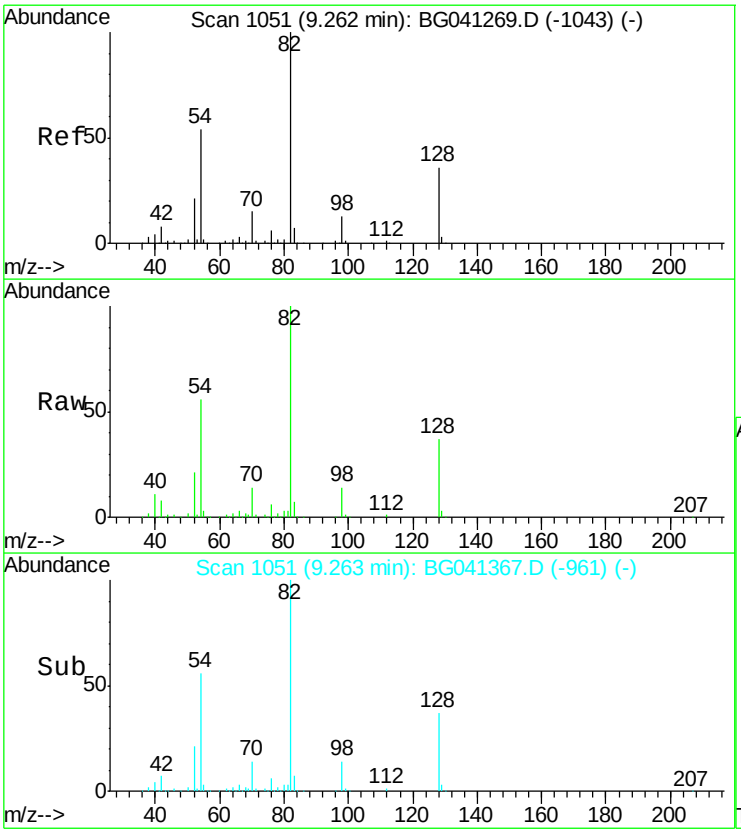
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG041367.D
Acq: 20 Jun 2019 21:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 185368

Ion	Ratio	Lower	Upper
136	100		
137	12.1	8.8	13.2
54	9.0	6.4	9.6
68	5.2	4.8	7.2

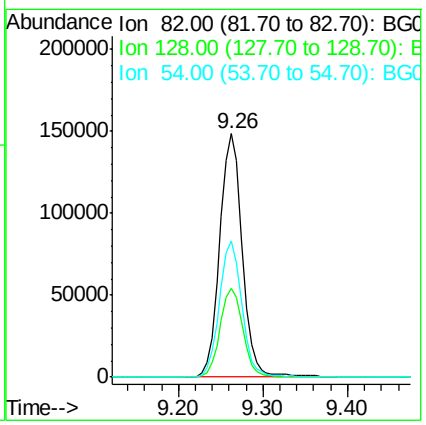


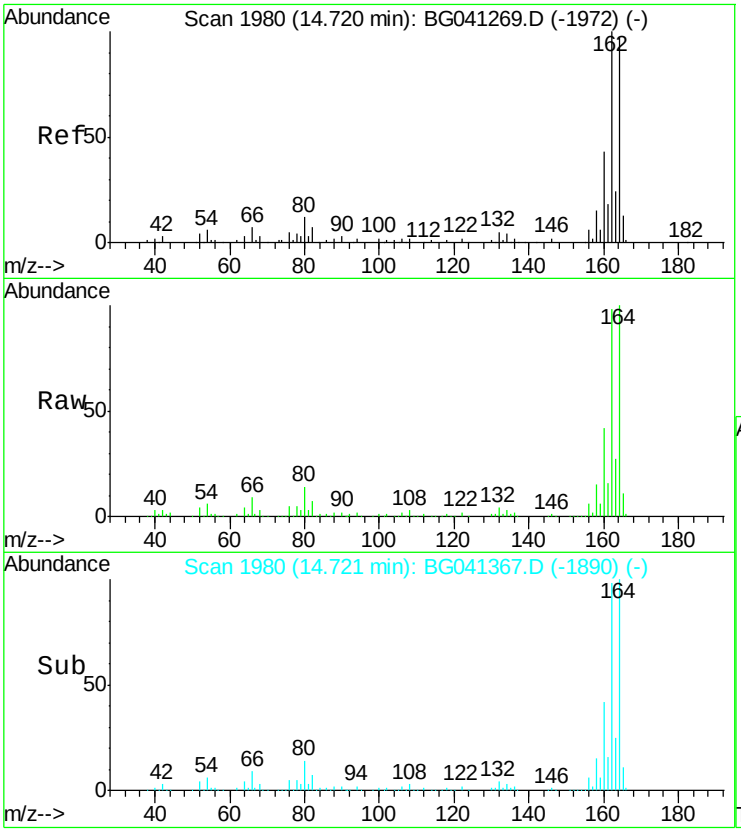


#23
Nitrobenzene-d5
Concen: 62.356 ng
RT: 9.26 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BG041367.D
Acq: 20 Jun 2019 21:32

Tgt Ion: 82 Resp: 274840

Ion	Ratio	Lower	Upper
82	100		
128	36.6	29.2	43.8
54	55.9	43.4	65.0



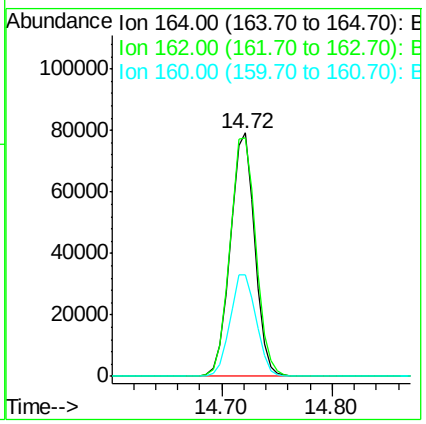


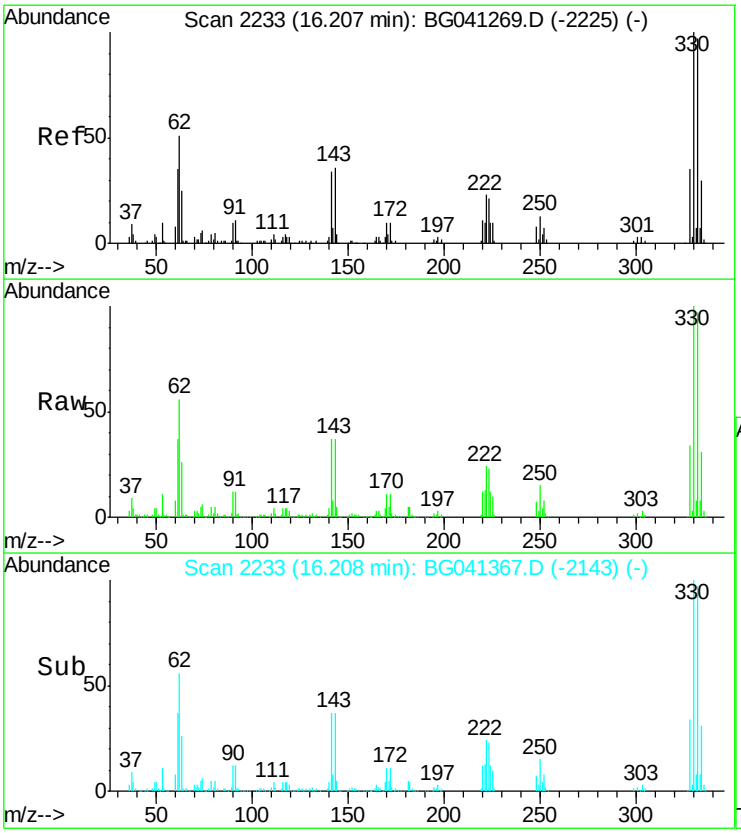
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BG041367.D
Acq: 20 Jun 2019 21:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 123305

Ion	Ratio	Lower	Upper
164	100		
162	98.0	82.8	124.2
160	41.8	35.8	53.8

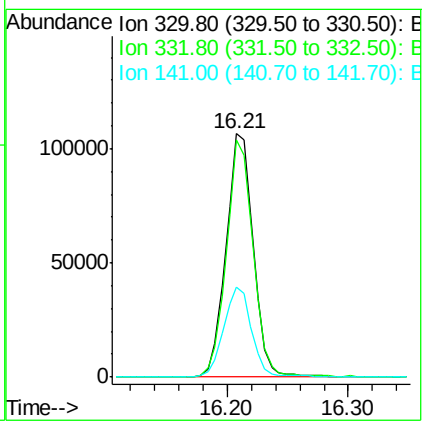


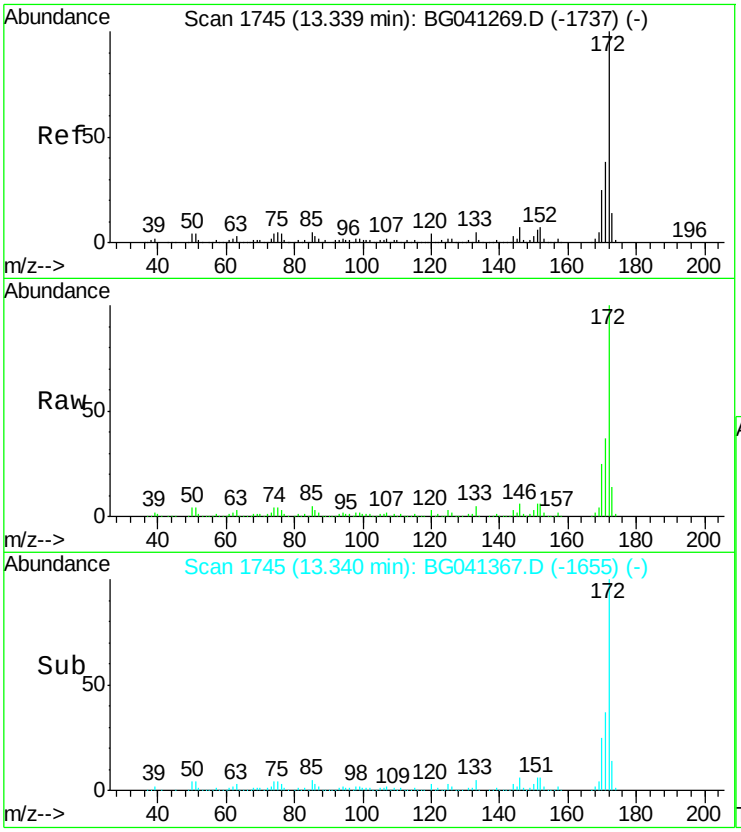


#42
2,4,6-Tribromophenol
Concen: 88.548 ng
RT: 16.21 min Scan# 2233
Delta R.T. 0.00 min
Lab File: BG041367.D
Acq: 20 Jun 2019 21:32

Tgt Ion:330 Resp: 167622

Ion	Ratio	Lower	Upper
330	100		
332	94.8	75.5	113.3
141	37.0	29.0	43.4



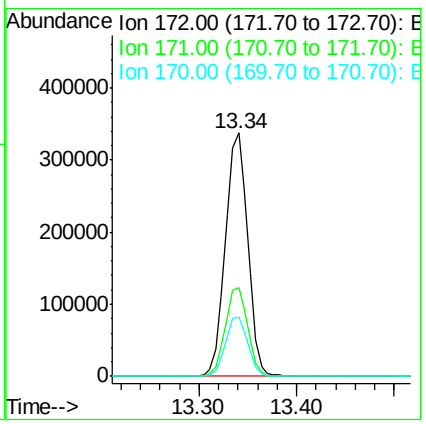


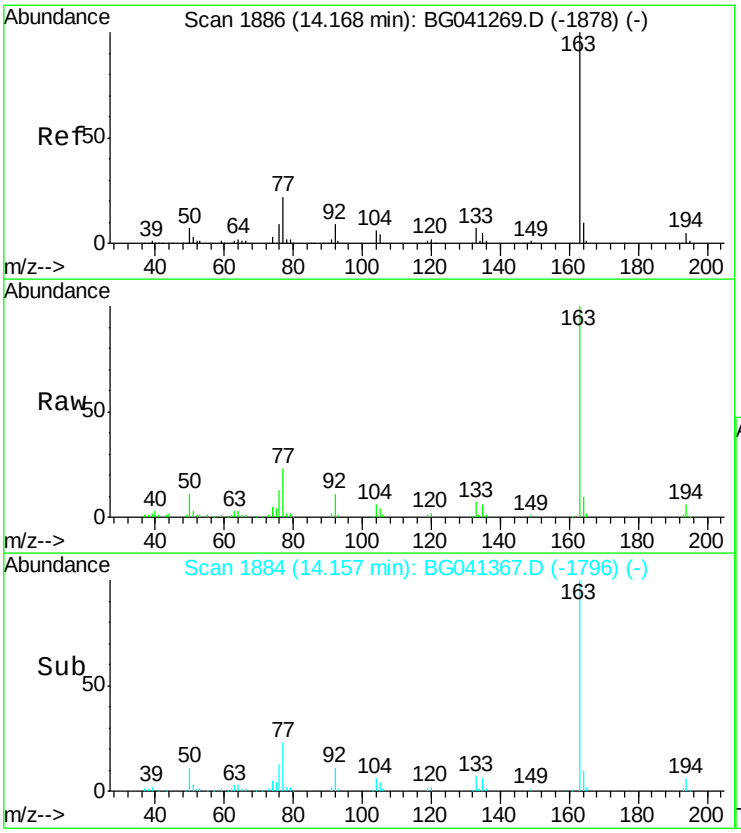
#45
2-Fluorobiphenyl
Concen: 59.187 ng
RT: 13.34 min Scan# 1745
Delta R.T. 0.00 min
Lab File: BG041367.D
Acq: 20 Jun 2019 21:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 536951

Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.0	45.0
170	24.6	19.8	29.6

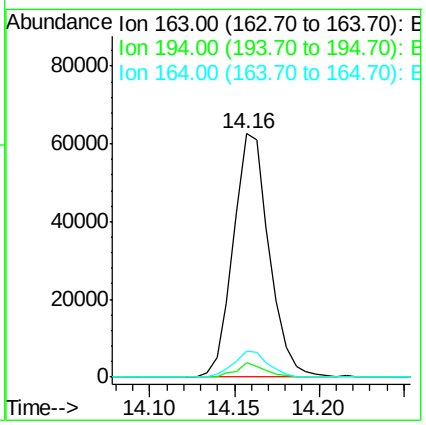


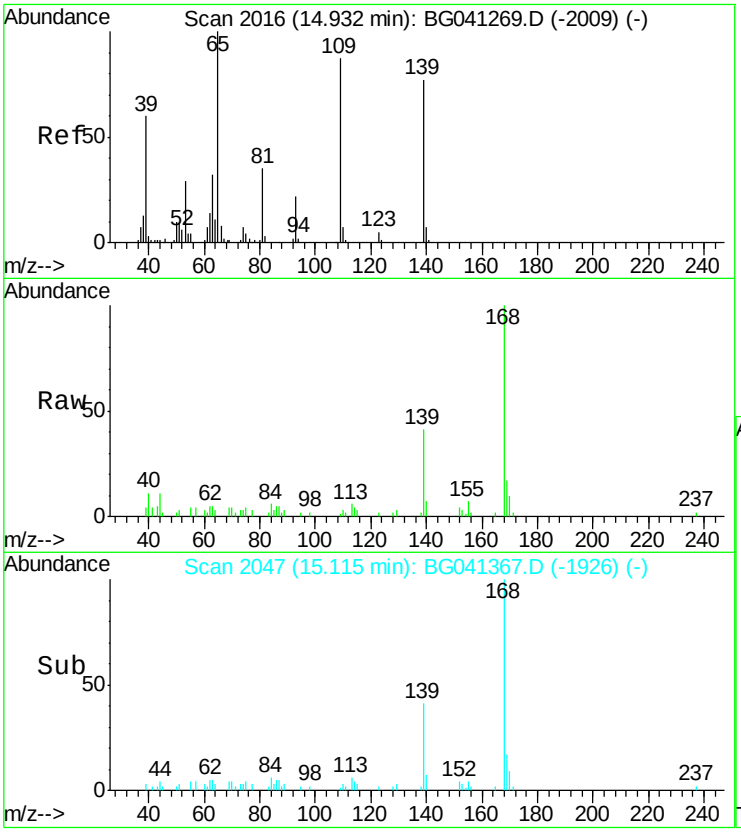


#50
Dimethylphthalate
Concen: 8.425 ng
RT: 14.16 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BG041367.D
Acq: 20 Jun 2019 21:32

Tgt Ion:163 Resp: 92430

Ion	Ratio	Lower	Upper
163	100		
194	5.8	3.9	5.9
164	10.5	8.3	12.5



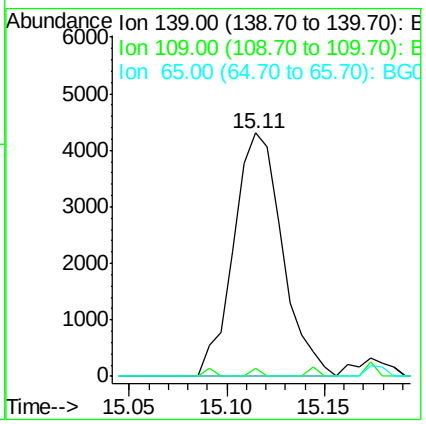


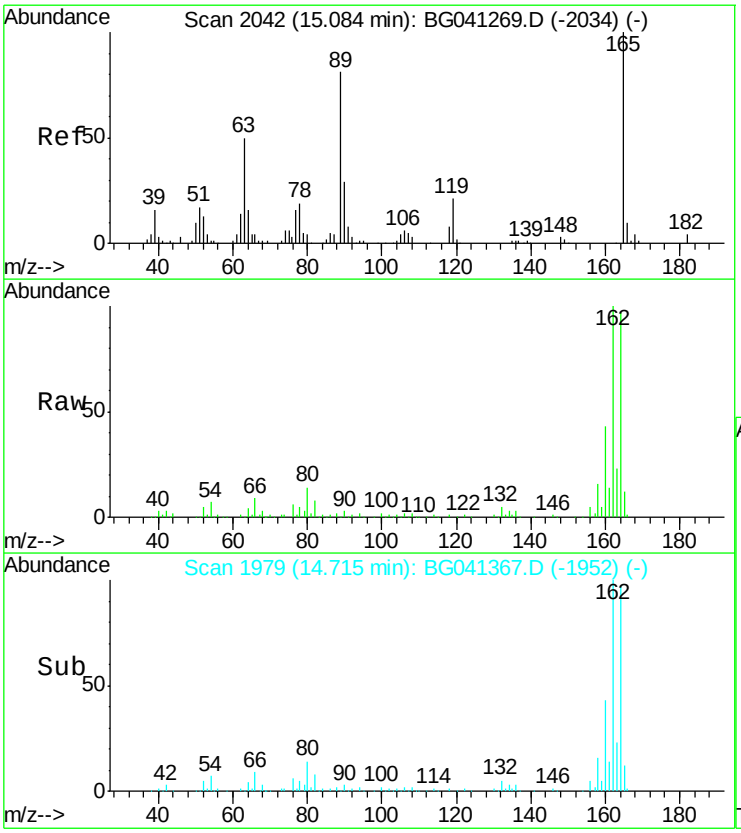
#56
4-Nitrophenol
Concen: 7.329 ng
RT: 15.11 min Scan# 2047
Delta R.T. 0.18 min
Lab File: BG041367.D
Acq: 20 Jun 2019 21:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:139 Resp: 7420

Ion	Ratio	Lower	Upper
139	100		
109	3.5	93.2	133.2#
65	0.0	110.2	150.2#

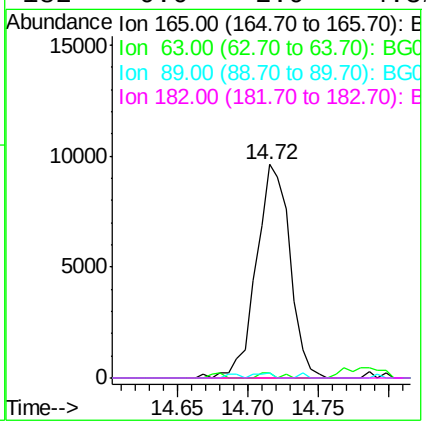


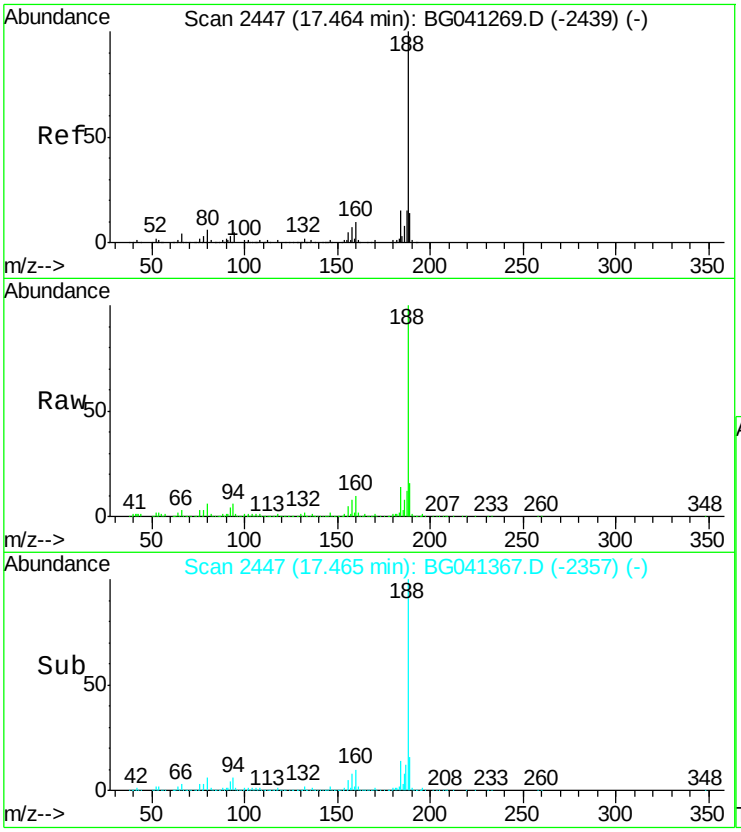


#57
2,4-Dinitrotoluene
Concen: 4.747 ng
RT: 14.72 min Scan# 1979
Delta R.T. -0.37 min
Lab File: BG041367.D
Acq: 20 Jun 2019 21:32

Tgt Ion:165 Resp: 16051

Ion	Ratio	Lower	Upper
165	100		
63	2.5	40.0	60.0#
89	2.6	64.6	96.8#
182	0.0	2.9	4.3#



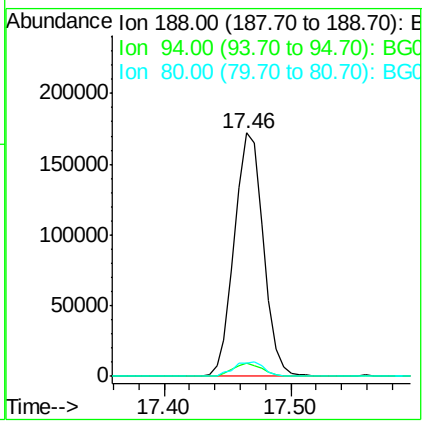


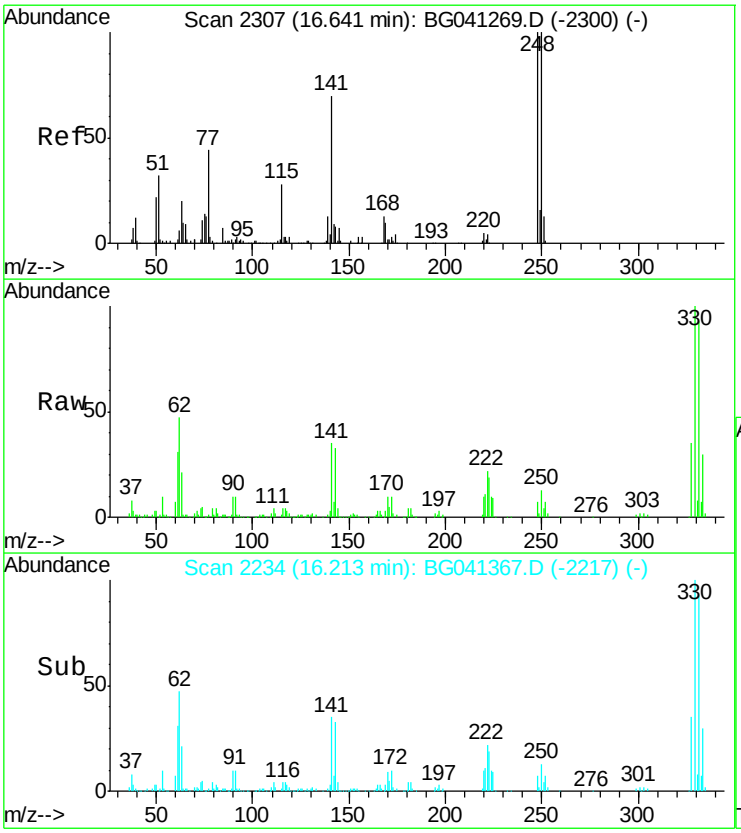
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2447
Delta R.T. 0.00 min
Lab File: BG041367.D
Acq: 20 Jun 2019 21:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 271964

Ion	Ratio	Lower	Upper
188	100		
94	5.6	3.6	5.4#
80	5.6	4.8	7.2

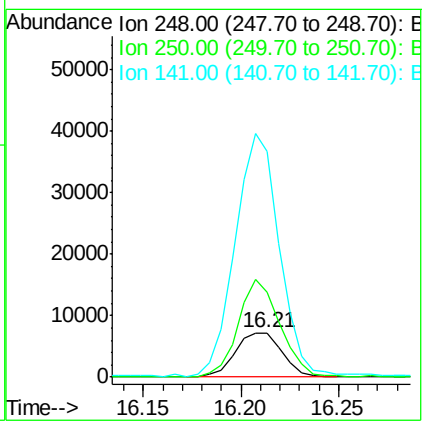


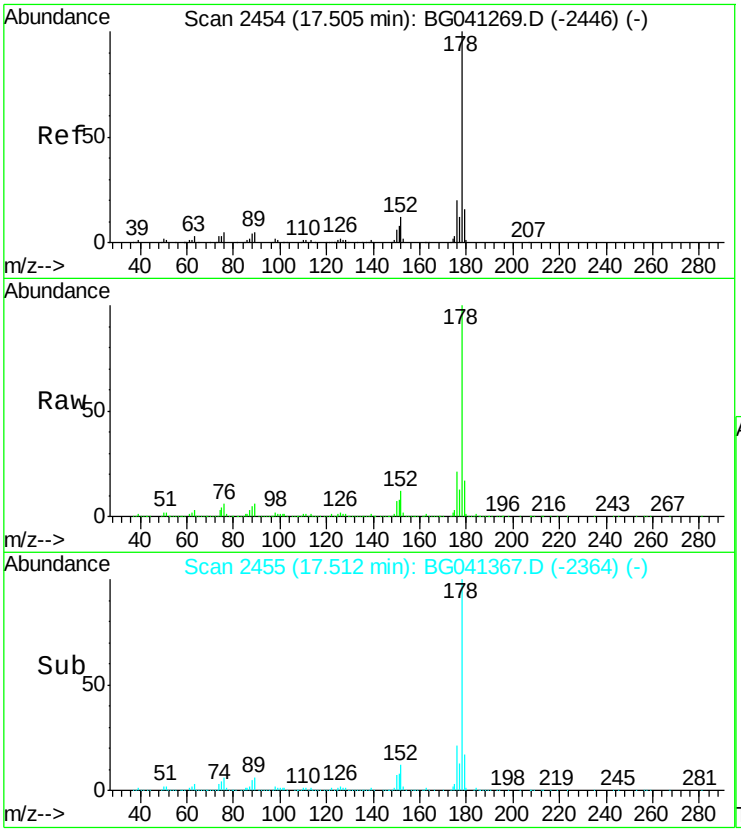


#67
4-Bromophenyl-phenylether
Concen: 3.395 ng
RT: 16.21 min Scan# 2234
Delta R.T. -0.43 min
Lab File: BG041367.D
Acq: 20 Jun 2019 21:32

Tgt Ion:248 Resp: 11938

Ion	Ratio	Lower	Upper
248	100		
250	148.3	79.8	119.8#
141	393.8	55.8	83.6#



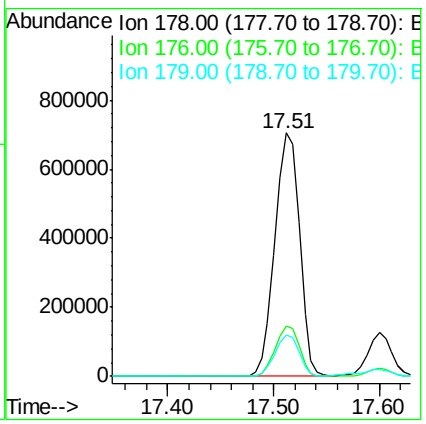


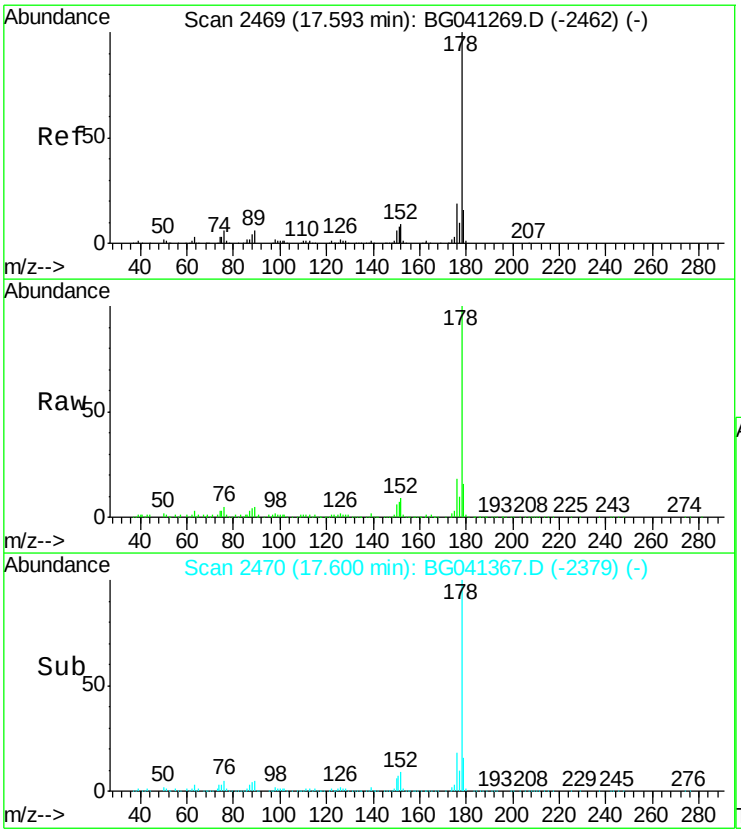
#71
Phenanthrene
Concen: 78.156 ng
RT: 17.51 min Scan# 2455
Delta R.T. 0.01 min
Lab File: BG041367.D
Acq: 20 Jun 2019 21:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 1133645

Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.1	24.1
179	17.2	12.9	19.3

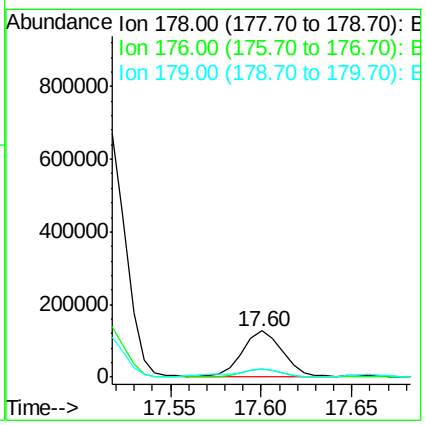


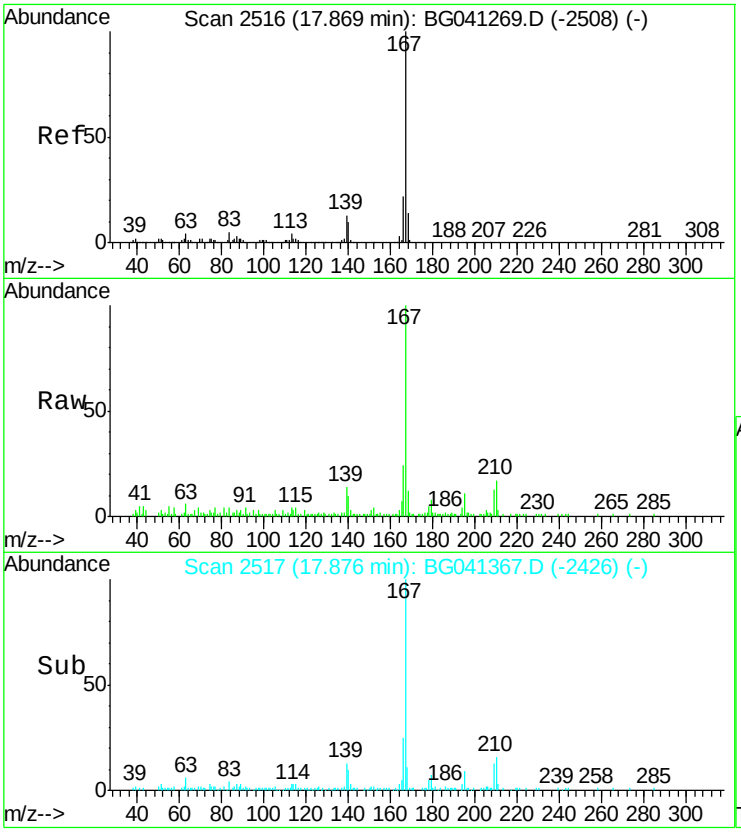


#72
Anthracene
Concen: 13.321 ng
RT: 17.60 min Scan# 2470
Delta R.T. 0.01 min
Lab File: BG041367.D
Acq: 20 Jun 2019 21:32

Tgt Ion:178 Resp: 190483

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.4	23.2
179	16.3	13.0	19.4



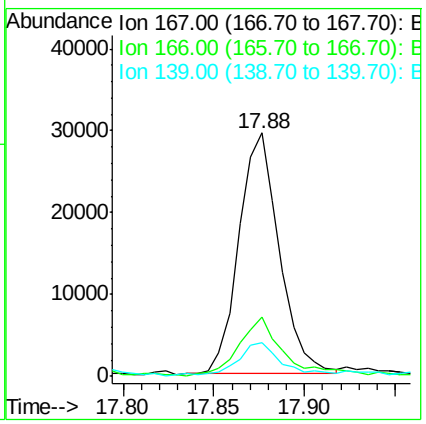


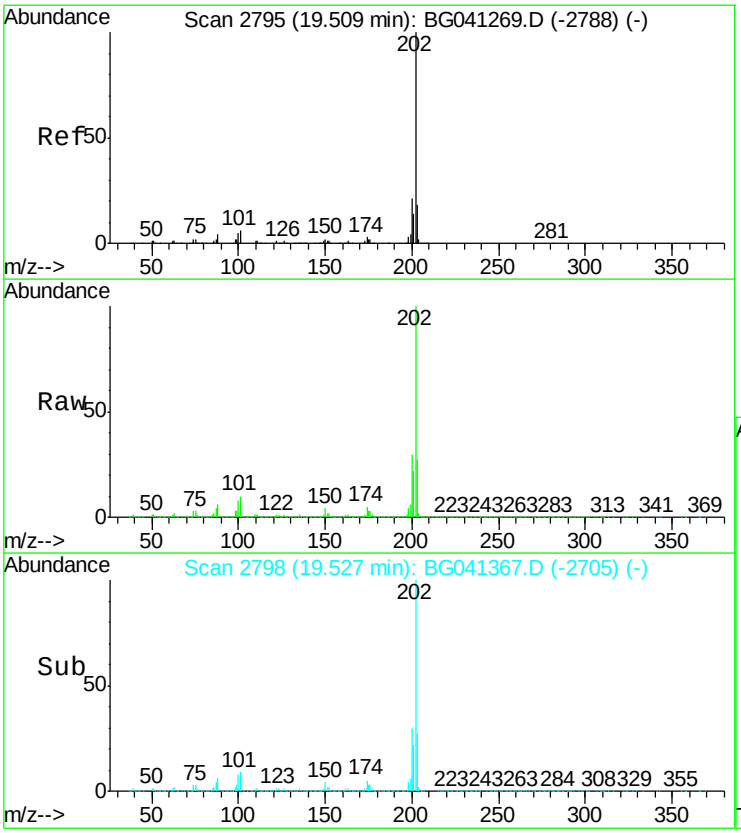
#73
Carbazole
Concen: 3.628 ng
RT: 17.88 min Scan# 2517
Delta R.T. 0.01 min
Lab File: BG041367.D
Acq: 20 Jun 2019 21:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:167 Resp: 45383

Ion	Ratio	Lower	Upper
167	100		
166	24.4	17.9	26.9
139	13.9	10.7	16.1

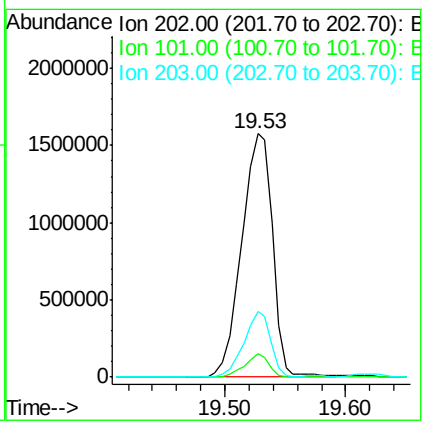


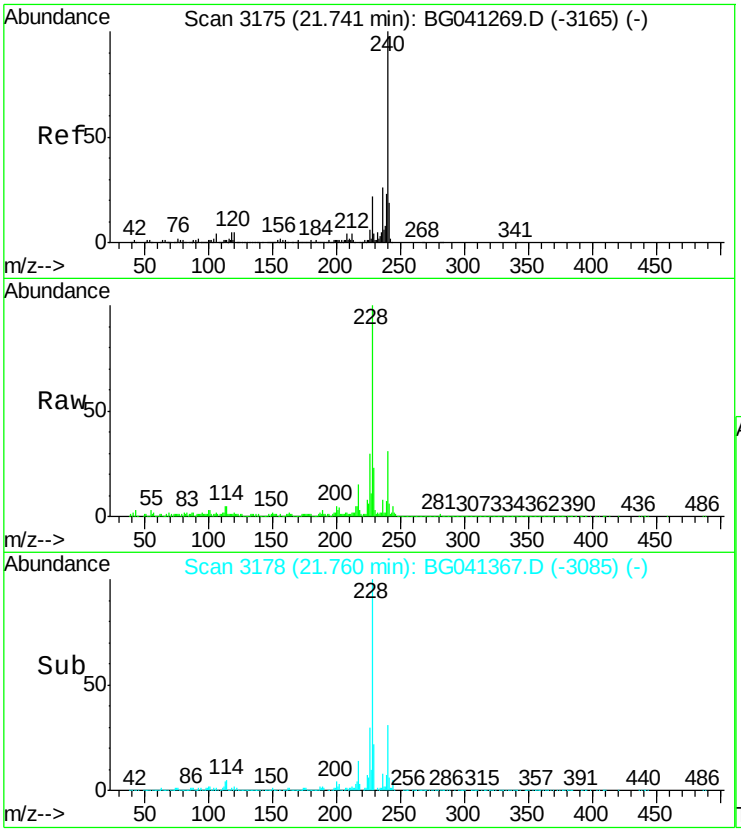


#75
Fluoranthene
Concen: 145.202 ng
RT: 19.53 min Scan# 2798
Delta R.T. 0.02 min
Lab File: BG041367.D
Acq: 20 Jun 2019 21:32

Tgt Ion:202 Resp: 2798021

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	26.0
203	26.8	0.0	37.7



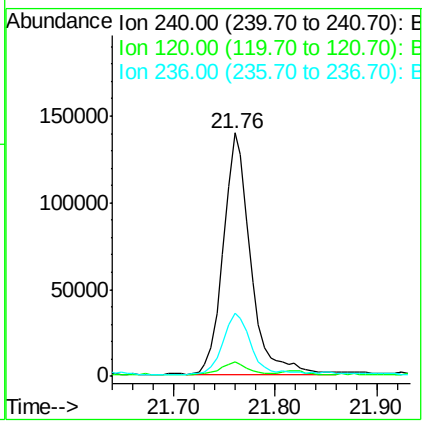


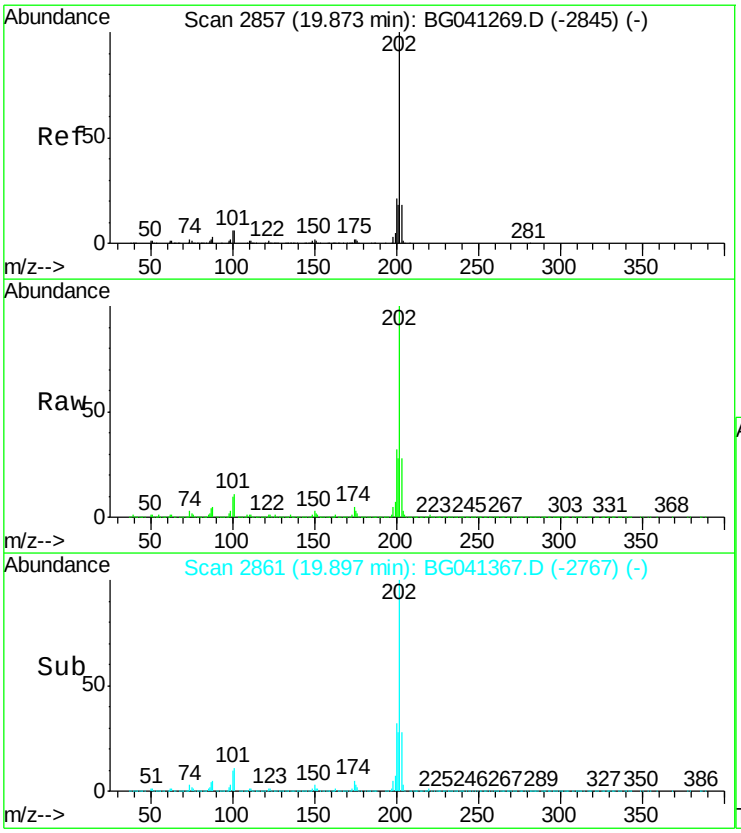
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3178
Delta R.T. 0.02 min
Lab File: BG041367.D
Acq: 20 Jun 2019 21:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 260096

Ion	Ratio	Lower	Upper
240	100		
120	5.7	3.7	5.5#
236	26.2	21.1	31.7

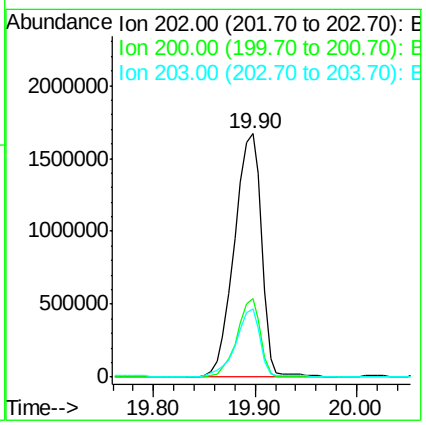


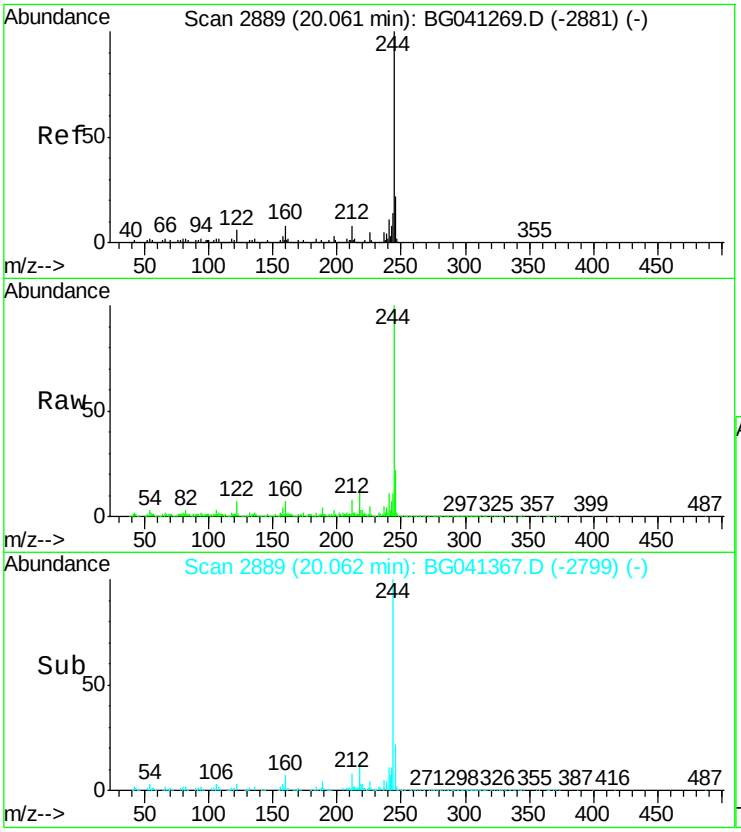


#78
Pyrene
Concen: 176.972 ng
RT: 19.90 min Scan# 2861
Delta R.T. 0.02 min
Lab File: BG041367.D
Acq: 20 Jun 2019 21:32

Tgt Ion:202 Resp: 3104273

Ion	Ratio	Lower	Upper
202	100		
200	32.3	16.8	25.2#
203	27.8	14.6	21.8#



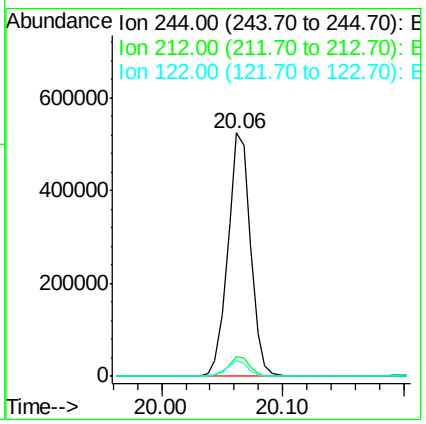


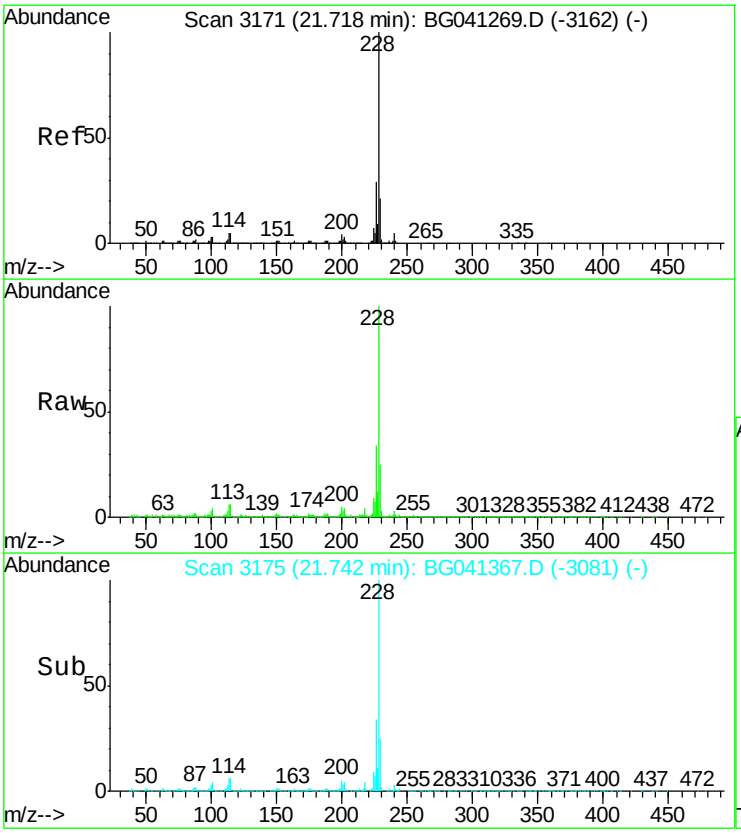
#79
Terphenyl-d14
Concen: 51.987 ng
RT: 20.06 min Scan# 2889
Delta R.T. 0.00 min
Lab File: BG041367.D
Acq: 20 Jun 2019 21:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 682289

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.6	10.0
122	6.7	5.0	7.4

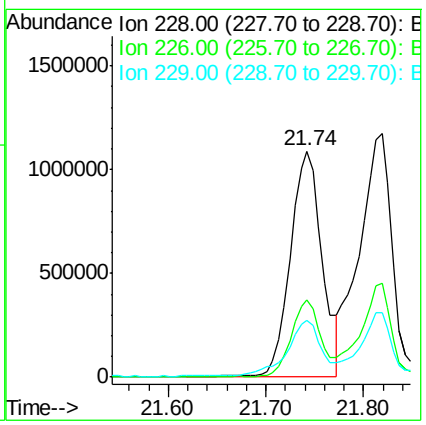


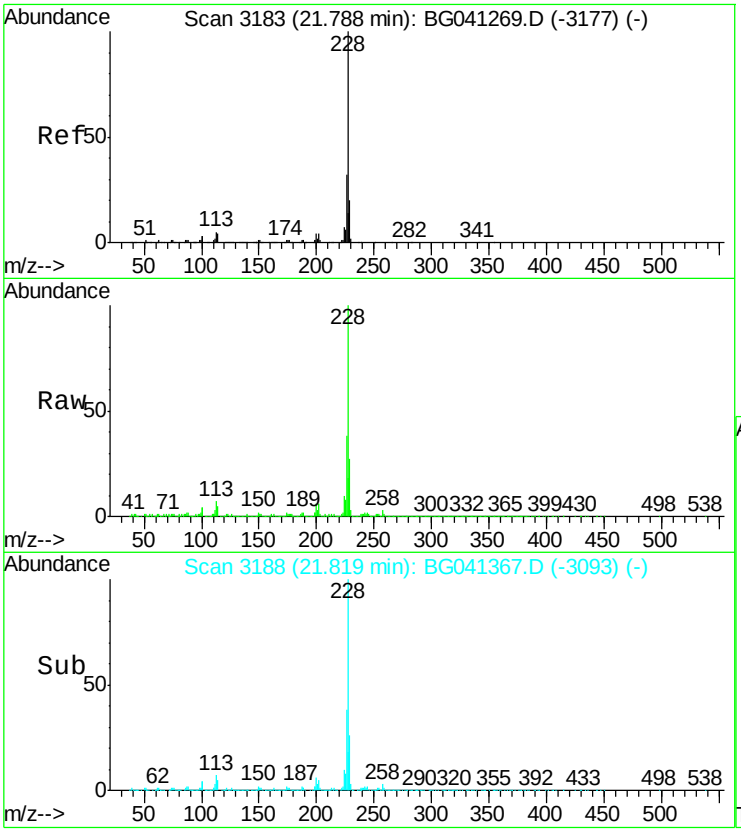


#81
Benzo(a)anthracene
Concen: 138.065 ng
RT: 21.74 min Scan# 3175
Delta R.T. 0.02 min
Lab File: BG041367.D
Acq: 20 Jun 2019 21:32

Tgt Ion:228 Resp: 2431430

Ion	Ratio	Lower	Upper
228	100		
226	34.0	23.2	34.8
229	25.2	16.8	25.2



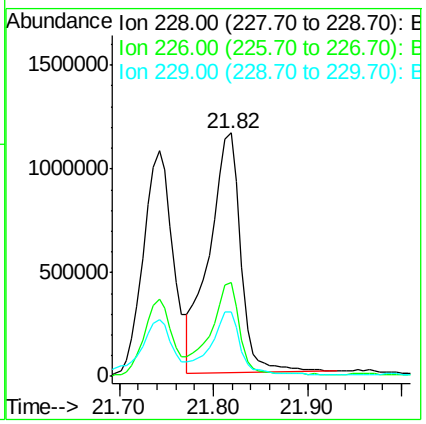


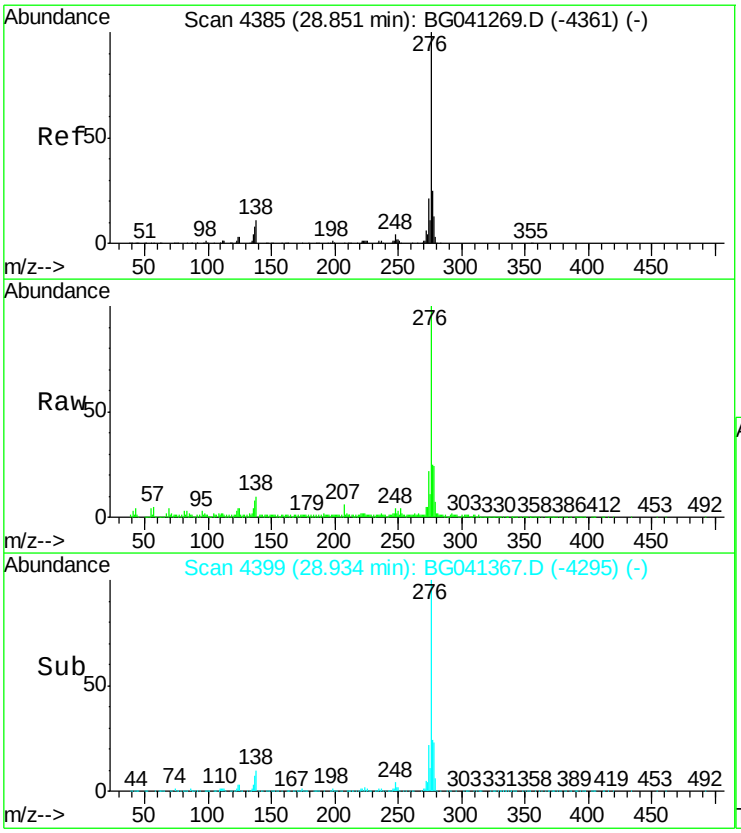
#83
Chrysene
Concen: 161.008 ng
RT: 21.82 min Scan# 3188
Delta R.T. 0.03 min
Lab File: BG041367.D
Acq: 20 Jun 2019 21:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 2726825

Ion	Ratio	Lower	Upper
228	100		
226	38.4	25.4	38.0#
229	26.6	16.2	24.2#

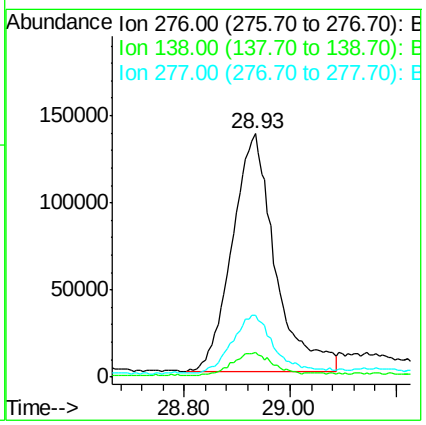


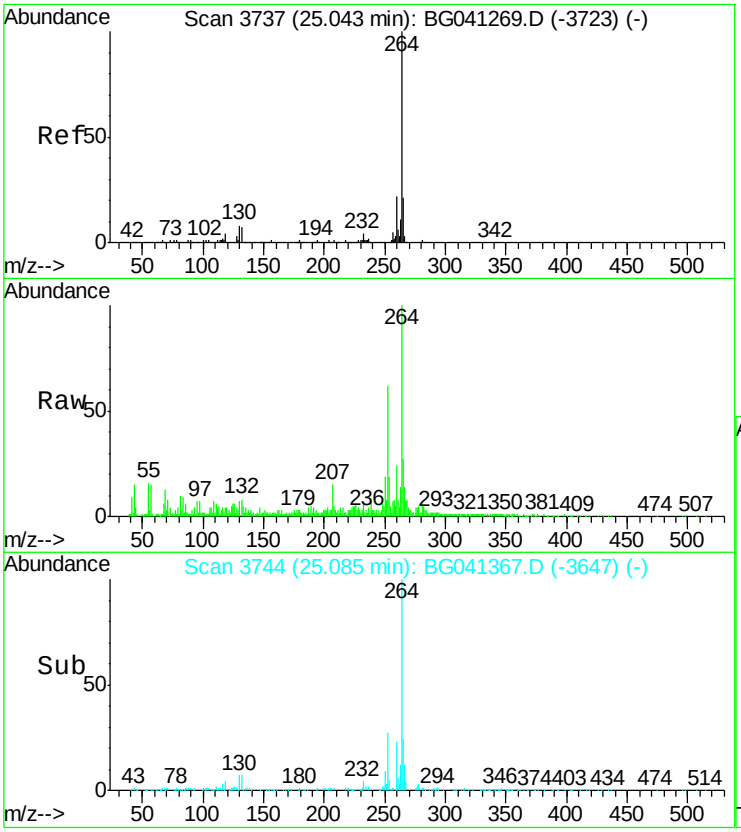


#86
Indeno(1,2,3-cd)pyrene
Concen: 38.364 ng
RT: 28.93 min Scan# 4399
Delta R.T. 0.08 min
Lab File: BG041367.D
Acq: 20 Jun 2019 21:32

Tgt Ion:276 Resp: 770863

Ion	Ratio	Lower	Upper
276	100		
138	9.0	7.7	11.5
277	23.6	20.6	31.0



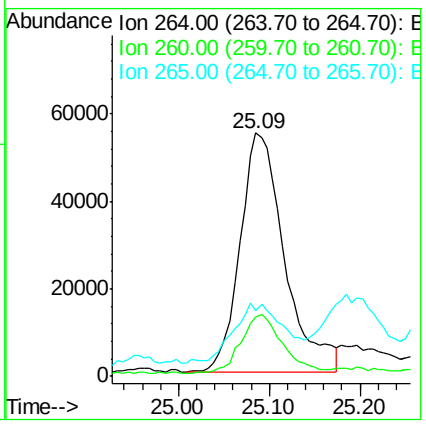


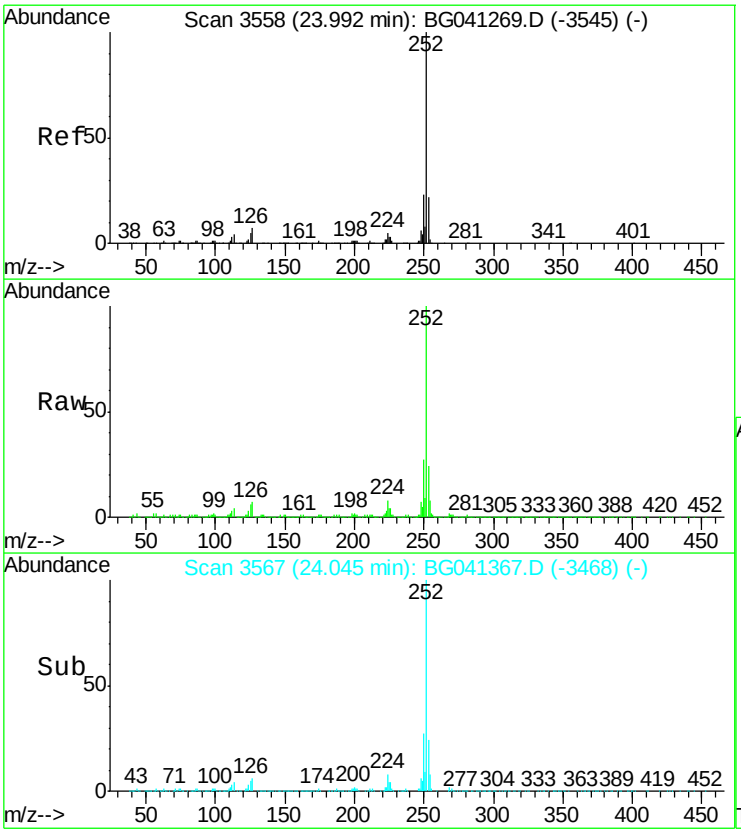
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3744
Delta R.T. 0.04 min
Lab File: BG041367.D
Acq: 20 Jun 2019 21:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 187867

Ion	Ratio	Lower	Upper
264	100		
260	24.5	17.4	26.2
265	26.9	17.2	25.8#

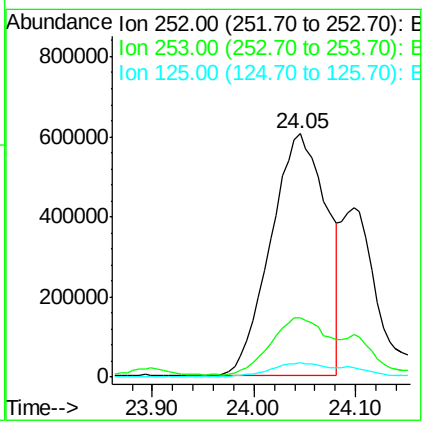


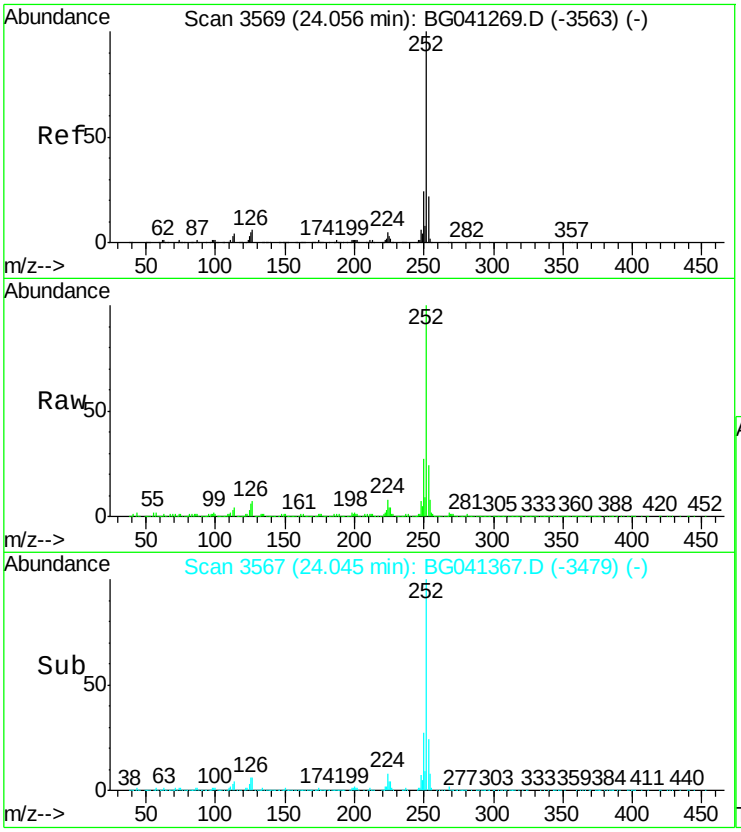


#88
Benzo(b)fluoranthene
Concen: 199.604 ng
RT: 24.05 min Scan# 3567
Delta R.T. 0.05 min
Lab File: BG041367.D
Acq: 20 Jun 2019 21:32

Tgt Ion:252 Resp: 2323943

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.4	26.0
125	5.8	3.9	5.9



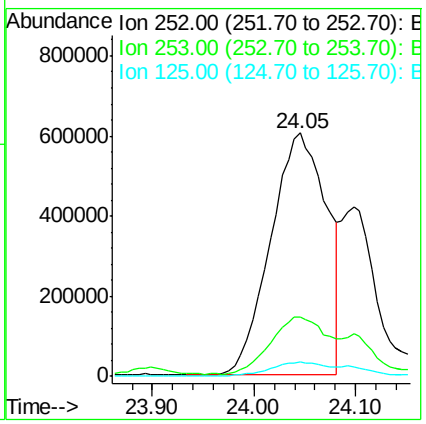


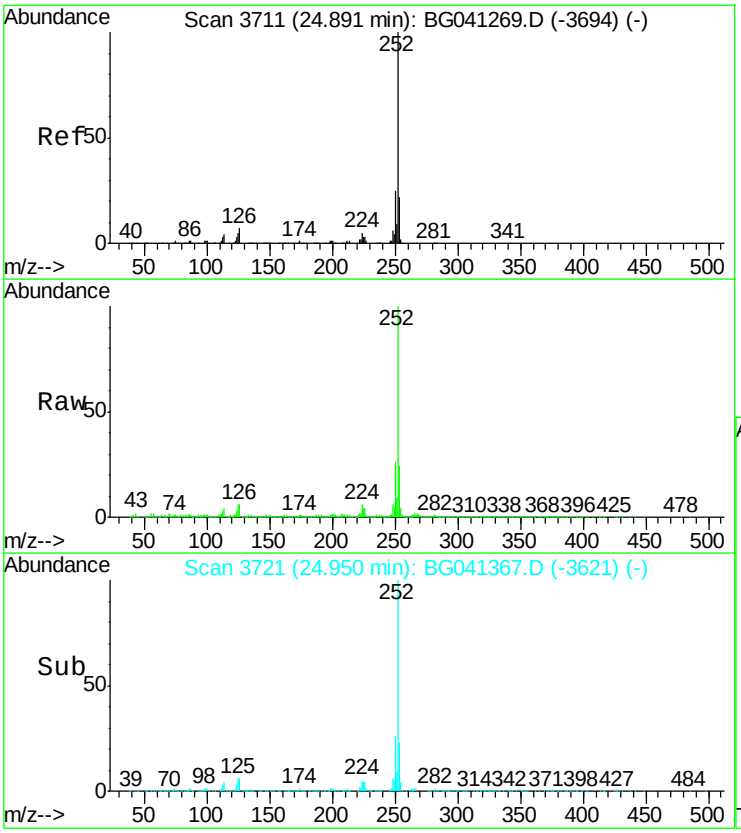
#89
Benzo(k)fluoranthene
Concen: 201.490 ng
RT: 24.05 min Scan# 3567
Delta R.T. -0.01 min
Lab File: BG041367.D
Acq: 20 Jun 2019 21:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 2323943

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.0	27.0
125	5.8	4.3	6.5

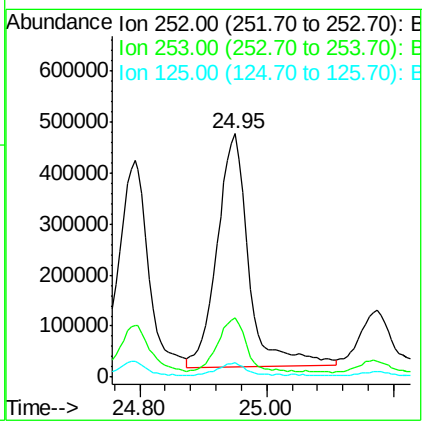


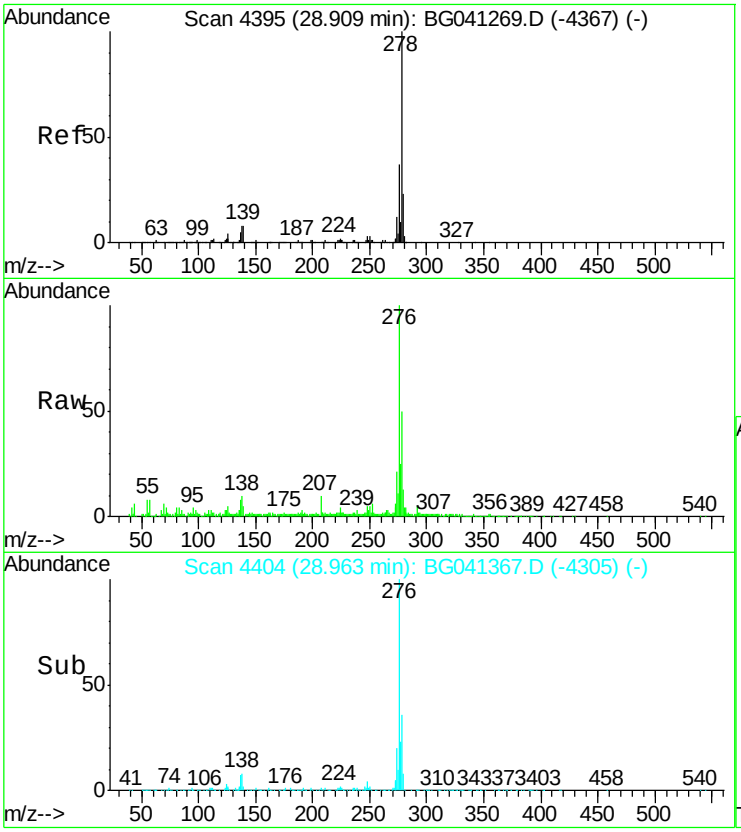


#90
Benzo(a)pyrene
Concen: 144.449 ng
RT: 24.95 min Scan# 3721
Delta R.T. 0.06 min
Lab File: BG041367.D
Acq: 20 Jun 2019 21:32

Tgt Ion:252 Resp: 1588314

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.8	26.6
125	5.8	4.2	6.4



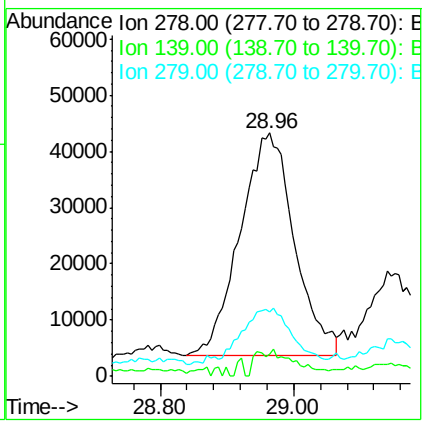


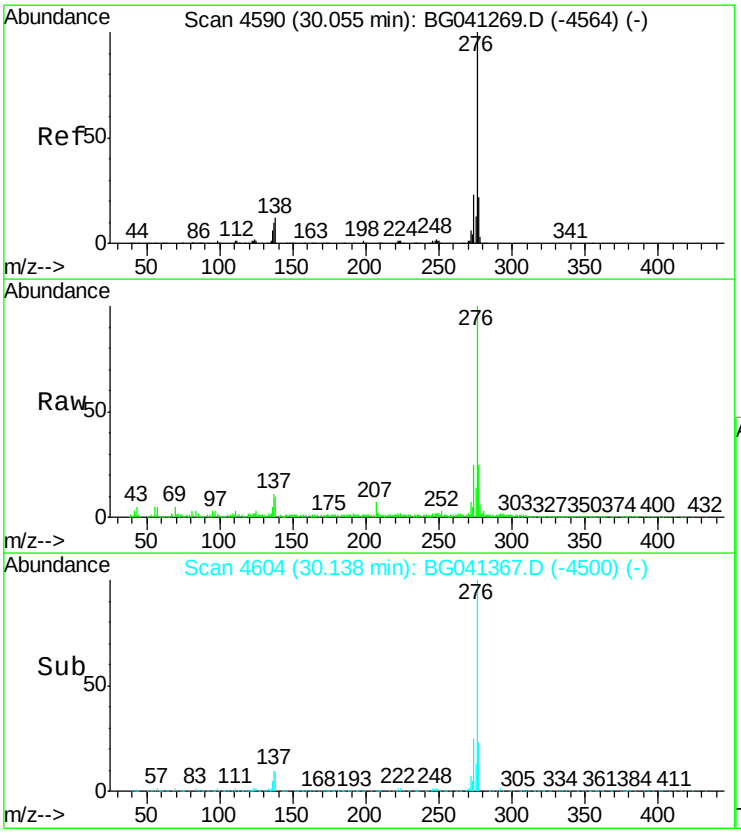
#91
Dibenzo(a,h)anthracene
Concen: 20.126 ng
RT: 28.96 min Scan# 4404
Delta R.T. 0.05 min
Lab File: BG041367.D
Acq: 20 Jun 2019 21:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:278 Resp: 222788

Ion	Ratio	Lower	Upper
278	100		
139	9.3	6.6	10.0
279	26.3	18.5	27.7





#92
Benzo(g,h,i)perylene
Concen: 64.190 ng
RT: 30.14 min Scan# 4604
Delta R.T. 0.08 min
Lab File: BG041367.D
Acq: 20 Jun 2019 21:32

Tgt Ion:276 Resp: 702224

Ion	Ratio	Lower	Upper
276	100		
277	24.9	17.9	26.9
138	9.9	9.4	14.0