Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071619\
Data File : BG041675.D
Acq On : 16 Jul 2019 20:11
Operator : HP/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jul 17 01:40:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 16:16:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-8.05
21) Naphthalene-d8	0.00	136	0	0.00	ng	-10.86
39) Acenaphthene-d10	0.00	164	0	0.00	ng	-14.67
64) Phenanthrene-d10	17.50	188	275	20.00	ng	0.09
76) Chrysene-d12	0.00	240	0	0.00	ng	-21.66
87) Perylene-d12	24.83	264	57	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	9.21	82	226	0.00	ng	0.00
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	13.29	172	1519	0.00	ng	0.00
79) Terphenyl-d14	20.00	244	12978	0.00	ng	0.00
Target Compounds						Qvalue
66) n-Nitrosodiphenylamine	15.91	169	198	24.518	ng	# 22
69) Atrazine	17.05	200	10839	3698.470	ng	# 34
70) Pentachlorophenol	17.05	266	60063	29153.282	ng	97
71) Phenanthrene	17.53	178	439	31.699	ng	# 55
72) Anthracene	17.53	178	439	31.801	ng	# 55
73) Carbazole	17.85	167	7553	589.944	ng	# 79
74) Di-n-butylphthalate	18.37	149	1694	108.484	ng	# 72
75) Fluoranthene	19.44	202	1193	70.154	ng	87
88) Benzo(b)fluoranthene	23.84	252	2330	673.902	ng	# 56
89) Benzo(k)fluoranthene	23.90	252	2601	811.865	ng	# 73
90) Benzo(a)pyrene	24.70	252	2244	685.977	ng	# 84
91) Dibenzo(a,h)anthracene	28.56	278	1990	627.410	ng	# 84
92) Benzo(g,h,i)perylene	29.59	276	664	208.903	ng	# 53

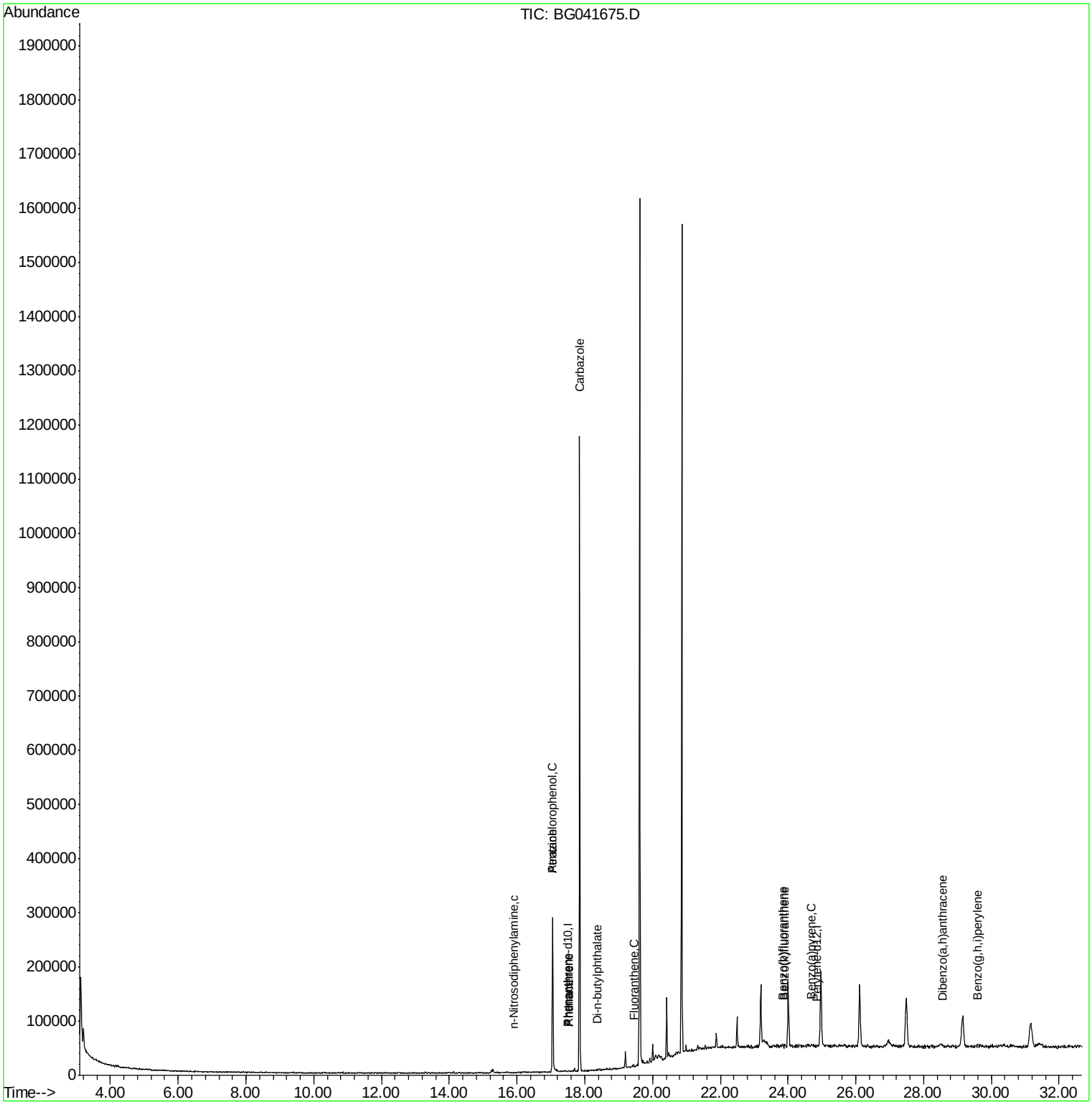
(#) = qualifier out of range (m) = manual integration (+) = signals summed

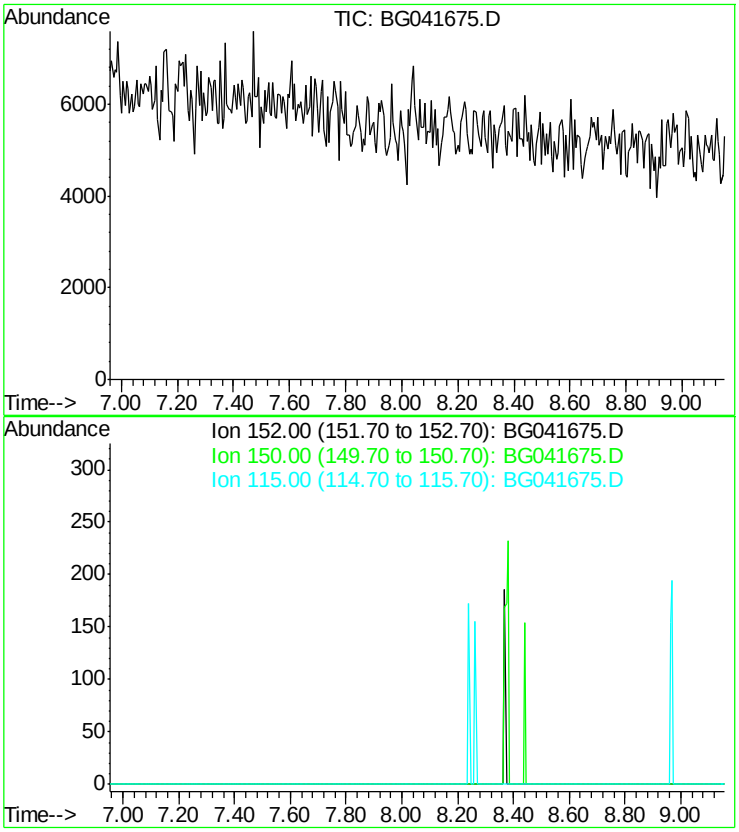
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071619\
Data File : BG041675.D
Acq On : 16 Jul 2019 20:11
Operator : HP/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jul 17 01:40:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 16:16:21 2019
Response via : Initial Calibration





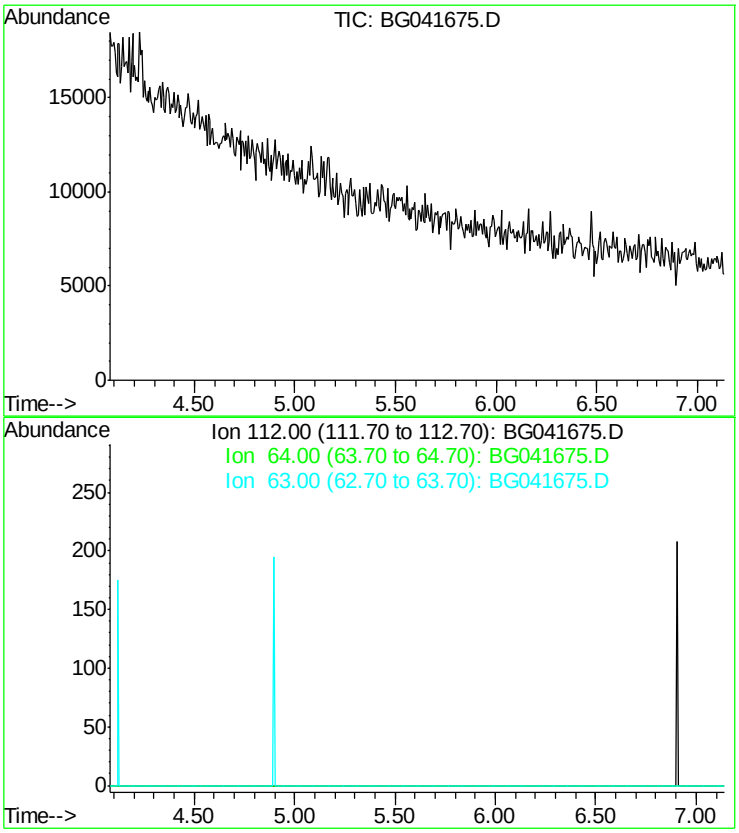
#1
1,4-Dichlorobenzene-d4
Concen: 0.000 ng
Expected RT: 8.05 min

Lab File: BG041675.D
Acq: 16 Jul 2019 20:11

Tgt Ion: 152

Sig	Exp Ratio
152	100
150	158.6
115	56.3

Instrument :
BNA_G
ClientSampleId :

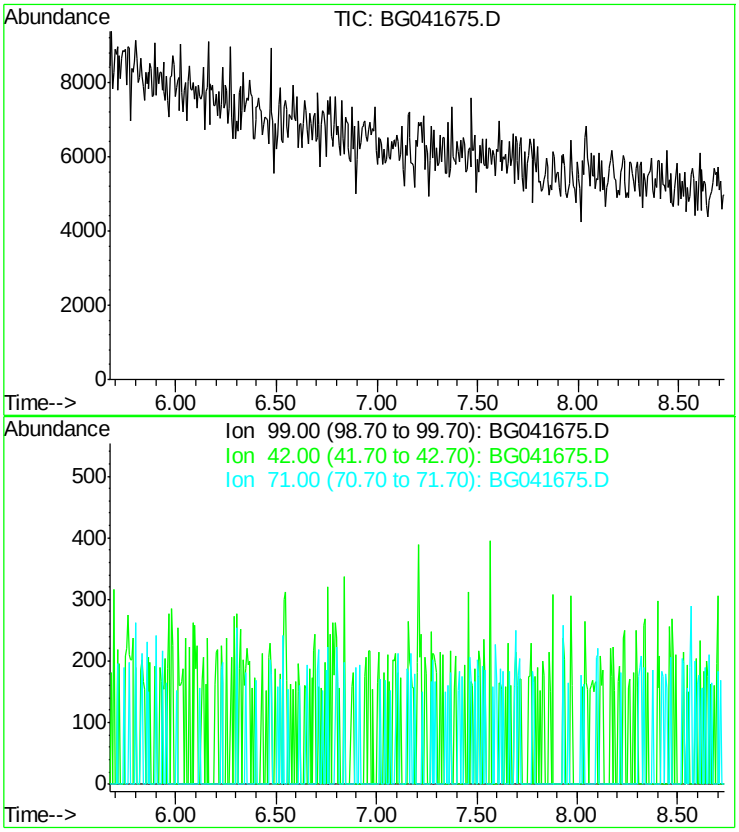


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.61 min

Lab File: BG041675.D
Acq: 16 Jul 2019 20:11

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	69.3
63	36.4



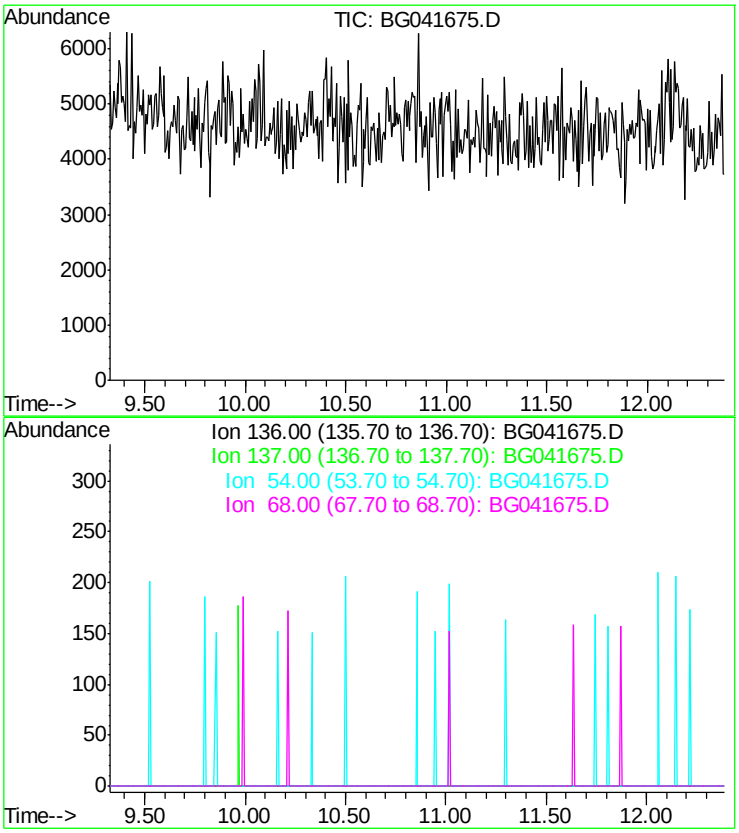
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 7.20 min

Lab File: BG041675.D
Acq: 16 Jul 2019 20:11

Tgt Ion: 99

Sig	Exp Ratio
99	100
42	22.0
71	34.7

Instrument :
BNA_G
ClientSampleId :

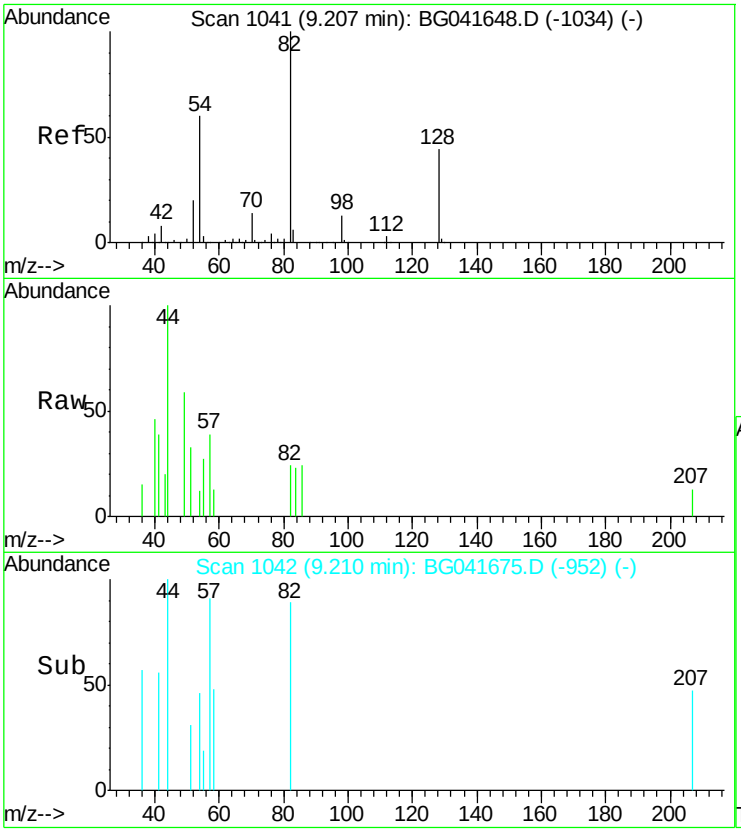


#21
Naphthalene-d8
Concen: 0.000 ng
Expected RT: 10.86 min

Lab File: BG041675.D
Acq: 16 Jul 2019 20:11

Tgt Ion: 136

Sig	Exp Ratio
136	100
137	11.5
54	10.9
68	6.9

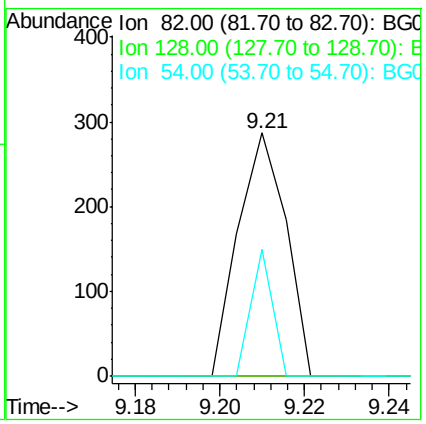


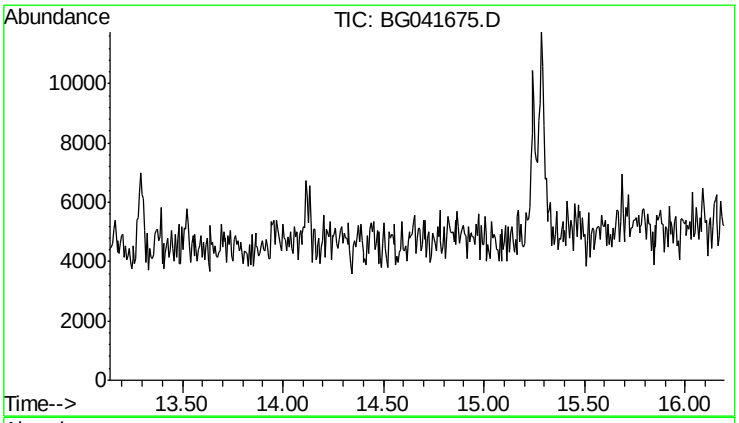
#23
Nitrobenzene-d5
Concen: 0.000 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG041675.D
Acq: 16 Jul 2019 20:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 226

Ion	Ratio	Lower	Upper
82	100		
128	0.0	35.1	52.7#
54	52.3	48.7	73.1



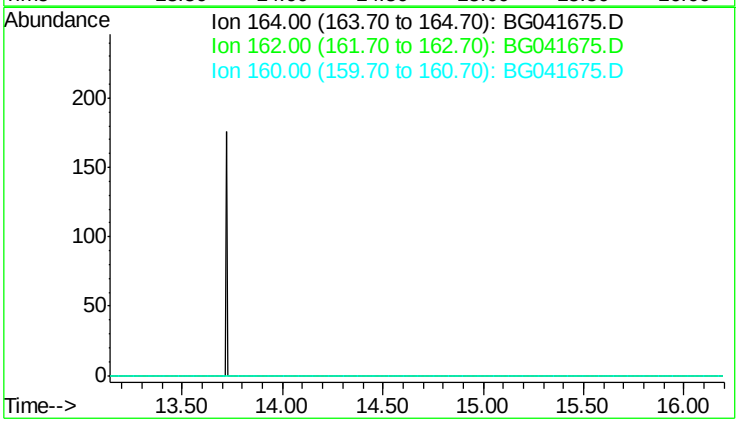


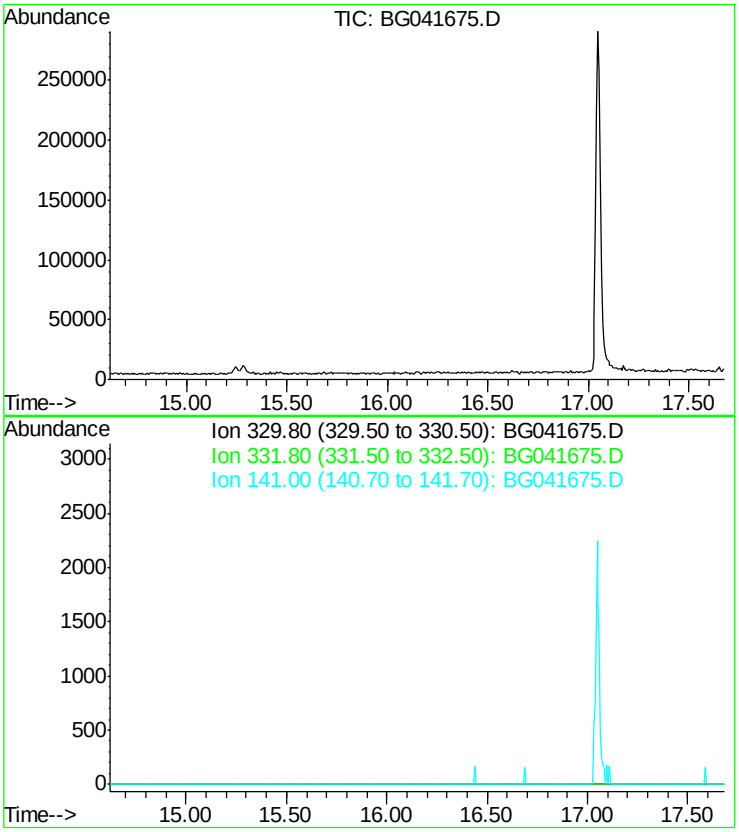
#39
Acenaphthene-d10
Concen: 0.000 ng
Expected RT: 14.67 min

Lab File: BG041675.D
Acq: 16 Jul 2019 20:11

Tgt Ion: 164

Sig	Exp Ratio
164	100
162	99.5
160	44.2





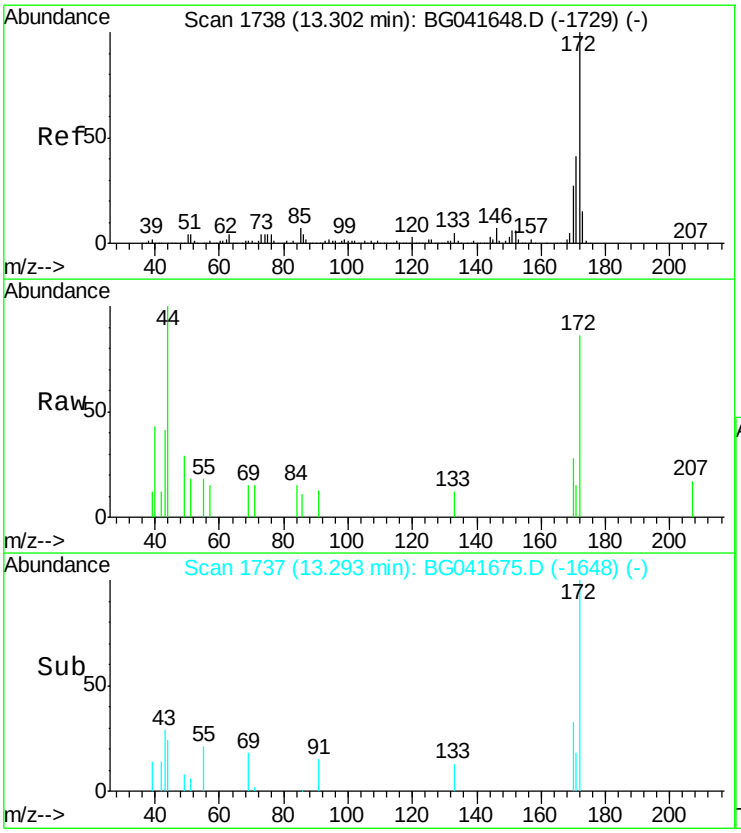
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 16.15 min

Lab File: BG041675.D
Acq: 16 Jul 2019 20:11

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.7
141	39.9

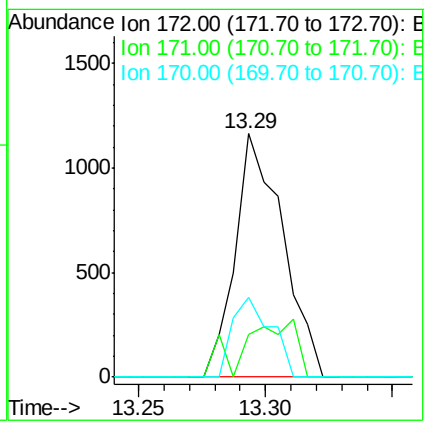
Instrument :
BNA_G
ClientSampleId :

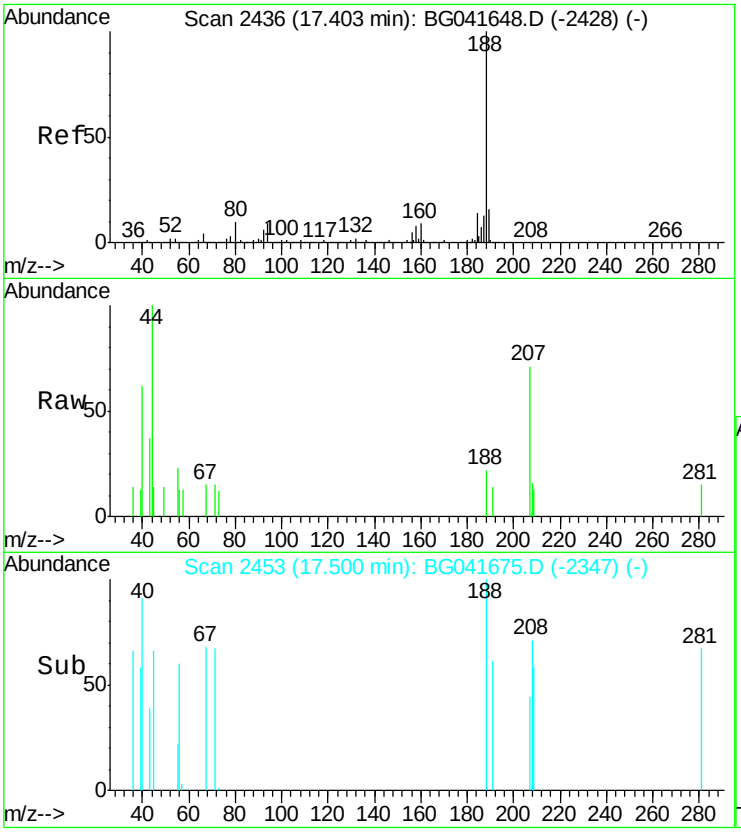


#45
2-Fluorobiphenyl
Concen: 0.000 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.01 min
Lab File: BG041675.D
Acq: 16 Jul 2019 20:11

Tgt Ion:172 Resp: 1519

Ion	Ratio	Lower	Upper
172	100		
171	17.7	35.0	52.4#
170	32.6	23.5	35.3



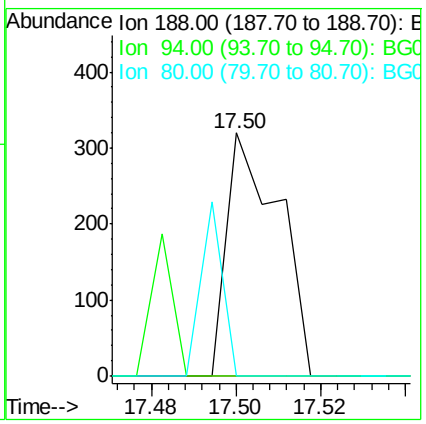


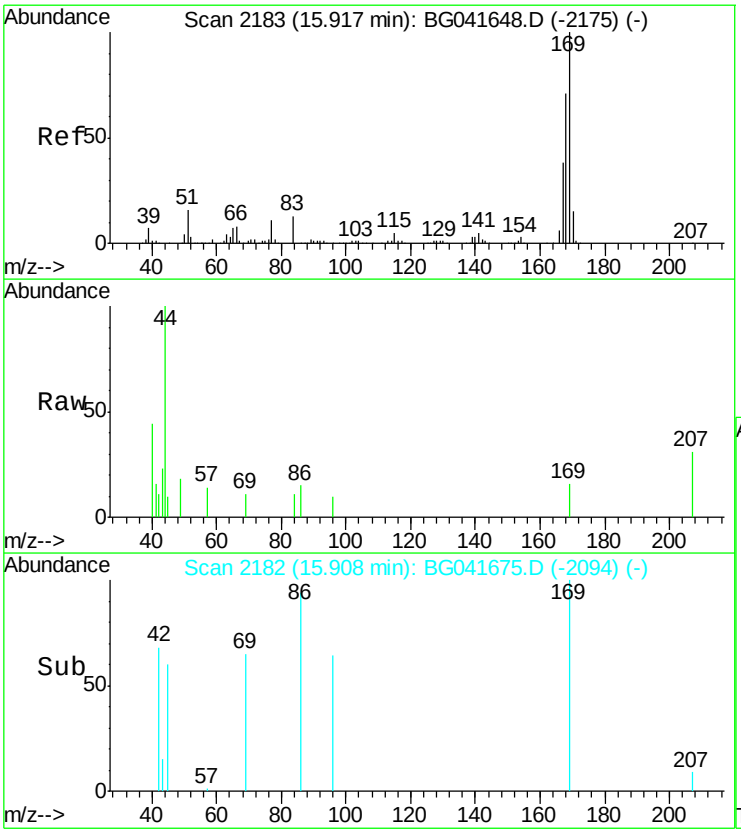
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2453
Delta R.T. 0.09 min
Lab File: BG041675.D
Acq: 16 Jul 2019 20:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 275

Ion	Ratio	Lower	Upper
188	100		
94	0.0	6.9	10.3#
80	0.0	8.0	12.0#

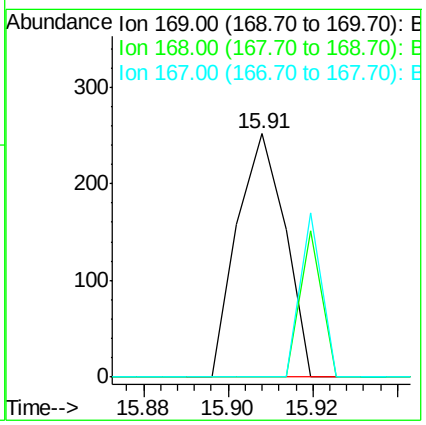


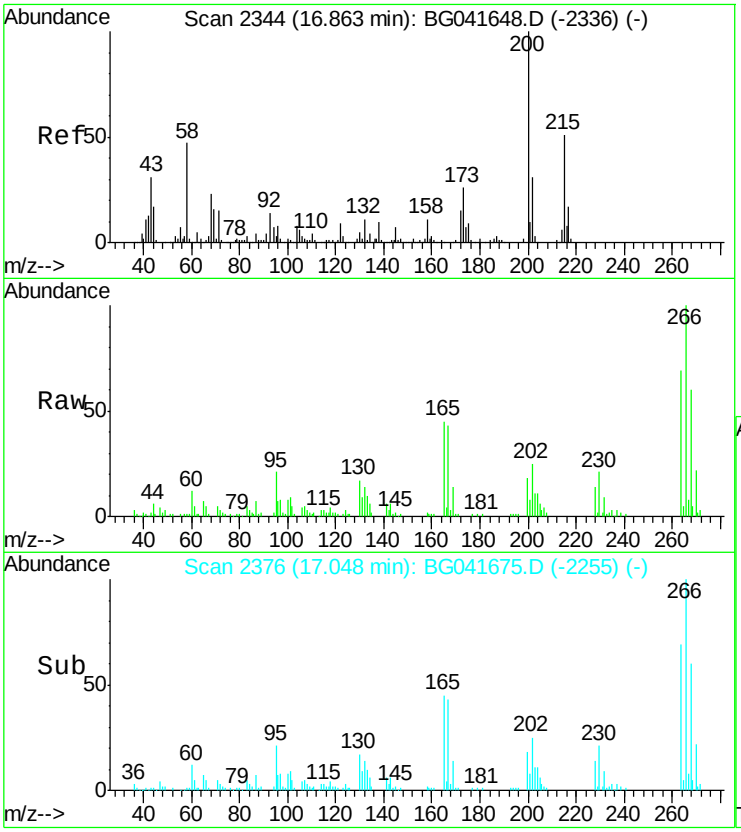


#66
n-Nitrosodiphenylamine
Concen: 24.518 ng
RT: 15.91 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BG041675.D
Acq: 16 Jul 2019 20:11

Tgt Ion:169 Resp: 198

Ion	Ratio	Lower	Upper
169	100		
168	0.0	56.9	85.3#
167	0.0	31.5	47.3#



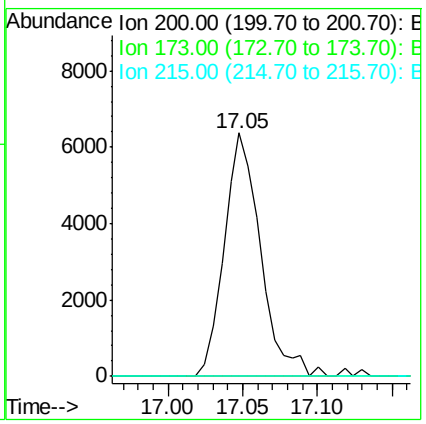


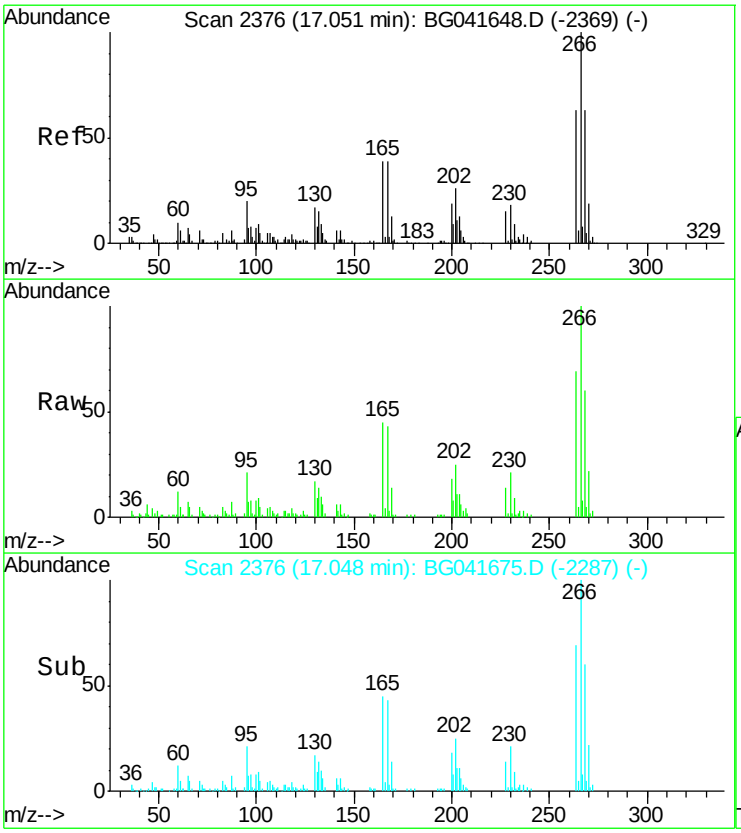
#69
Atrazine
Concen: 3698.470 ng
RT: 17.05 min Scan# 2376
Delta R.T. 0.18 min
Lab File: BG041675.D
Acq: 16 Jul 2019 20:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:200 Resp: 10839

Ion	Ratio	Lower	Upper
200	100		
173	0.0	5.3	45.3#
215	0.0	31.8	71.8#

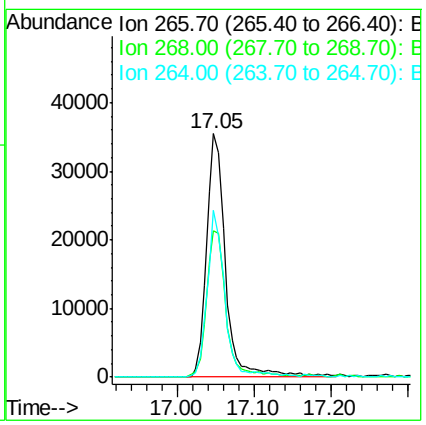


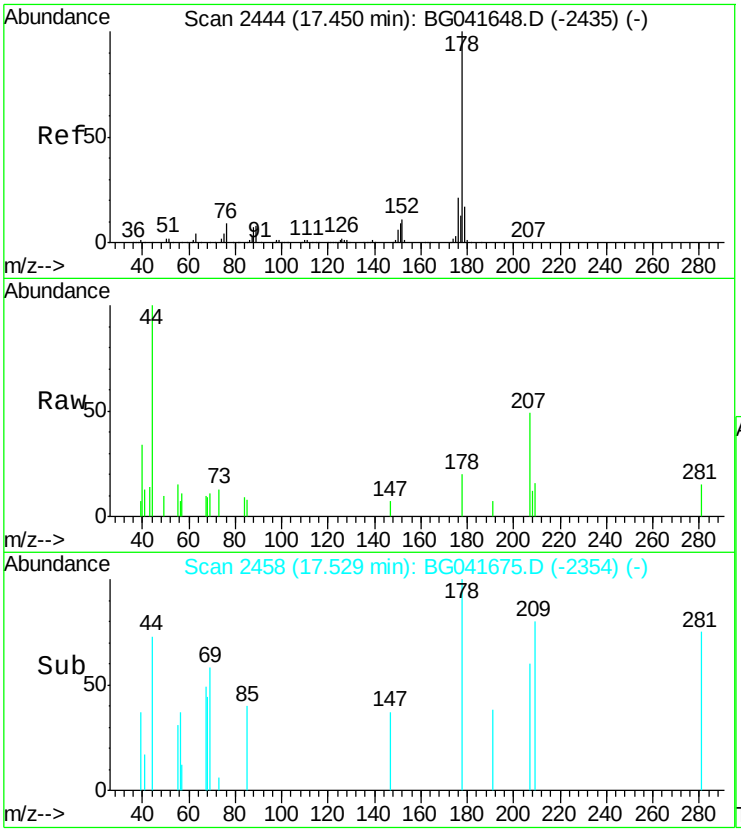


#70
Pentachlorophenol
Concen: 29153.282 ng
RT: 17.05 min Scan# 2376
Delta R.T. -0.01 min
Lab File: BG041675.D
Acq: 16 Jul 2019 20:11

Tgt Ion:266 Resp: 60063

Ion	Ratio	Lower	Upper
266	100		
268	65.2	52.9	79.3
264	68.8	51.4	77.2



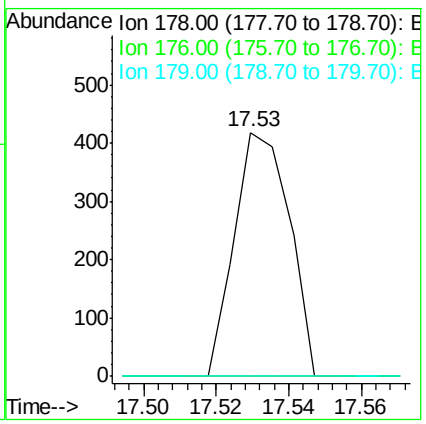


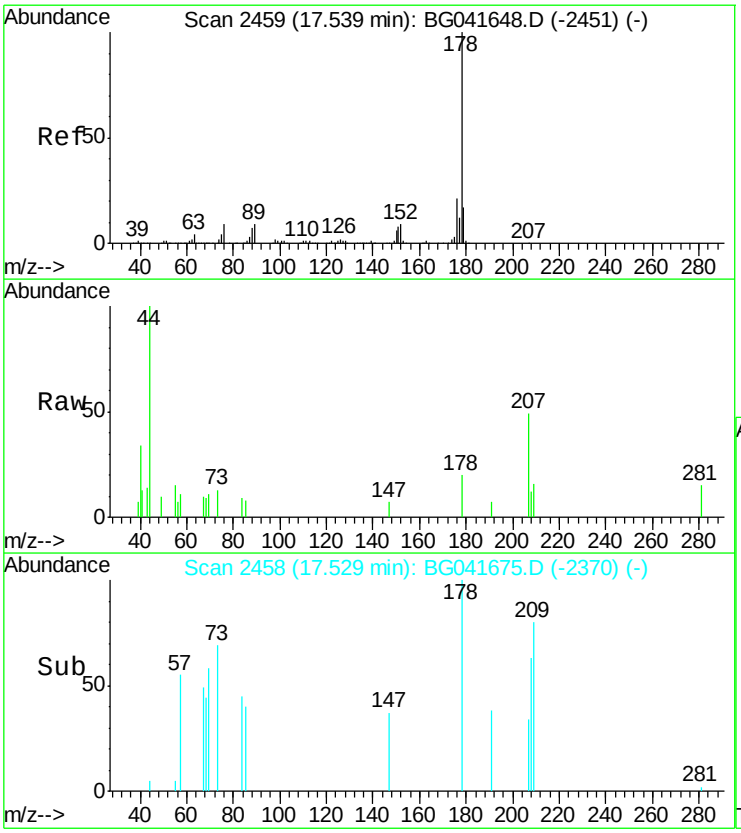
#71
Phenanthrene
Concen: 31.699 ng
RT: 17.53 min Scan# 2458
Delta R.T. 0.08 min
Lab File: BG041675.D
Acq: 16 Jul 2019 20:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 439

Ion	Ratio	Lower	Upper
178	100		
176	0.0	18.6	28.0#
179	0.0	15.4	23.0#

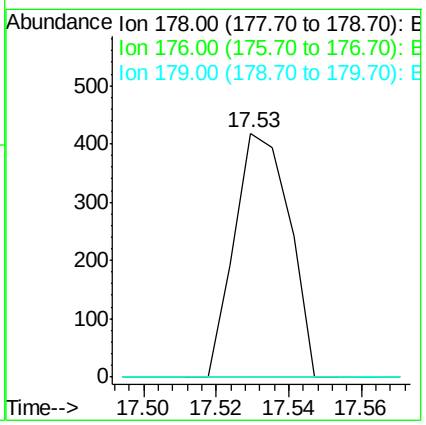


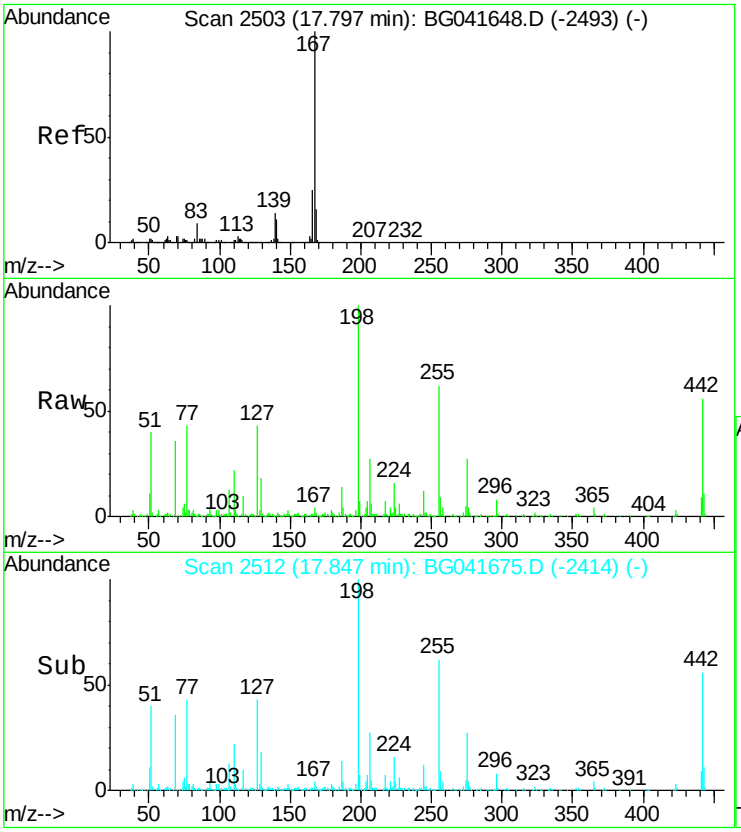


#72
Anthracene
Concen: 31.801 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG041675.D
Acq: 16 Jul 2019 20:11

Tgt Ion:178 Resp: 439

Ion	Ratio	Lower	Upper
178	100		
176	0.0	18.6	28.0#
179	0.0	15.1	22.7#



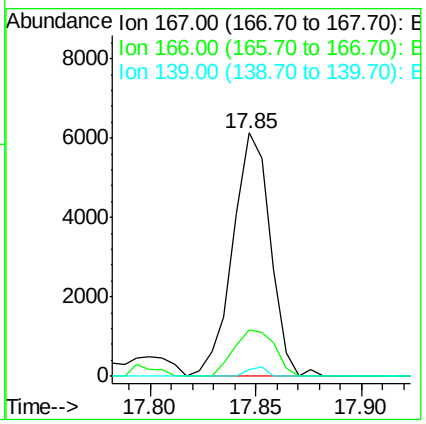


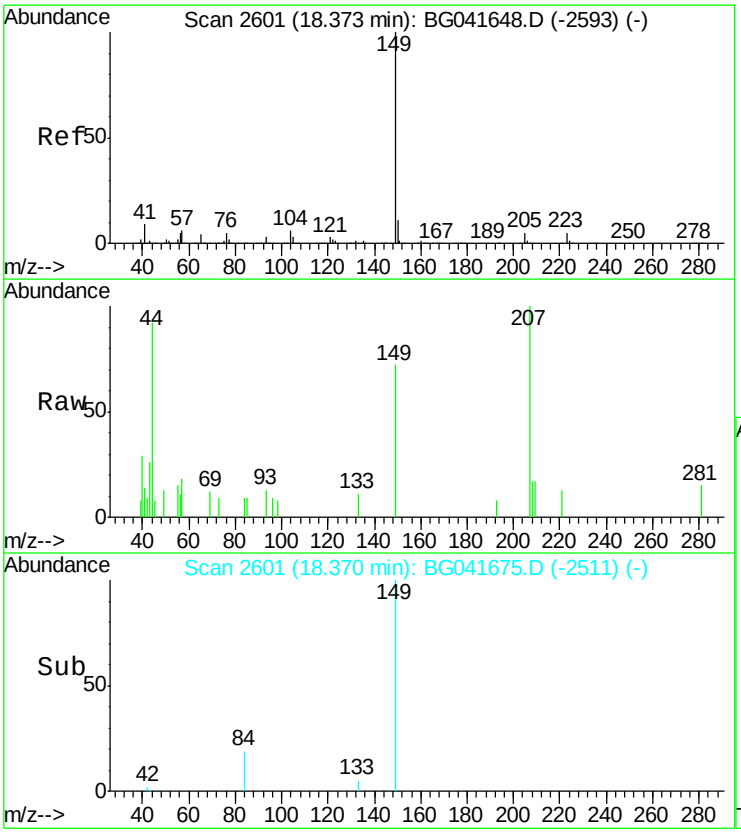
#73
Carbazole
Concen: 589.944 ng
RT: 17.85 min Scan# 2512
Delta R.T. 0.05 min
Lab File: BG041675.D
Acq: 16 Jul 2019 20:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:167 Resp: 7553

Ion	Ratio	Lower	Upper
167	100		
166	18.8	21.4	32.2#
139	2.6	12.1	18.1#

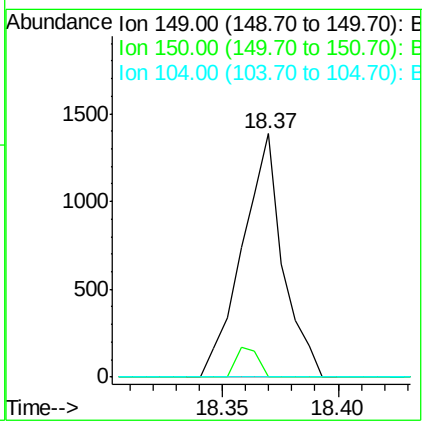


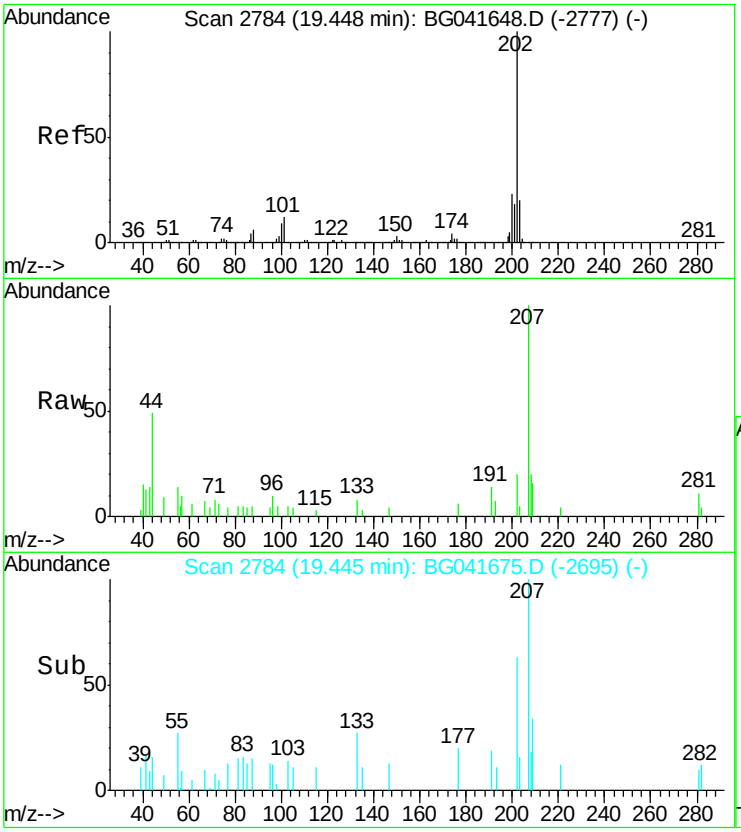


#74
Di-n-butylphthalate
Concen: 108.484 ng
RT: 18.37 min Scan# 2601
Delta R.T. -0.00 min
Lab File: BG041675.D
Acq: 16 Jul 2019 20:11

Tgt Ion:149 Resp: 1694

Ion	Ratio	Lower	Upper
149	100		
150	0.0	10.2	15.2#
104	0.0	5.3	7.9#



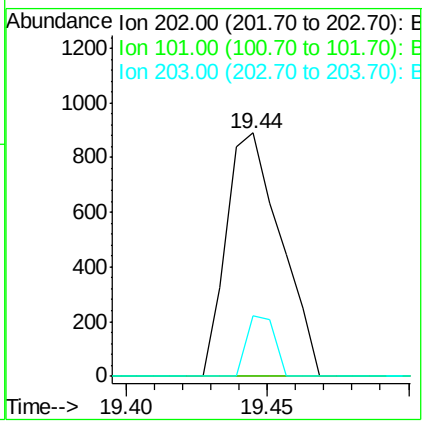


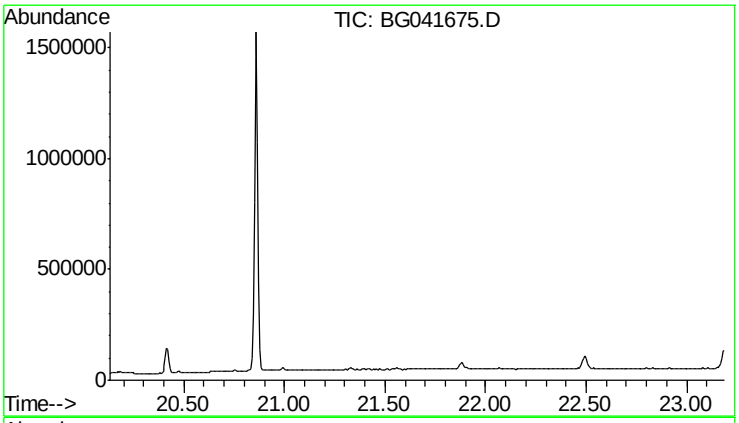
#75
Fluoranthene
Concen: 70.154 ng
RT: 19.44 min Scan# 2784
Delta R.T. -0.01 min
Lab File: BG041675.D
Acq: 16 Jul 2019 20:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 1193

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	32.8
203	24.7	3.7	43.7



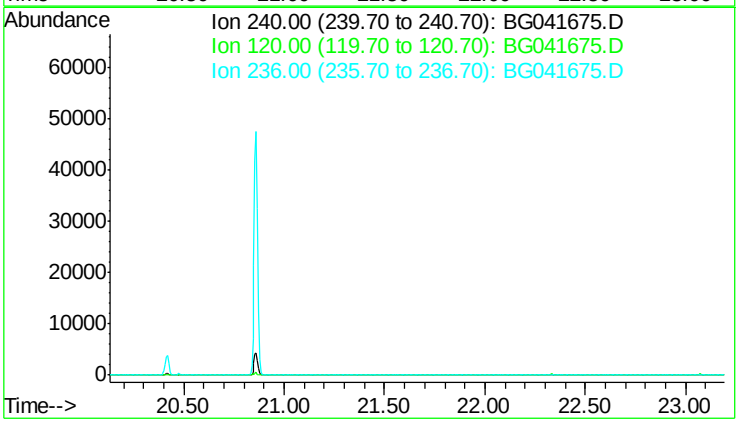


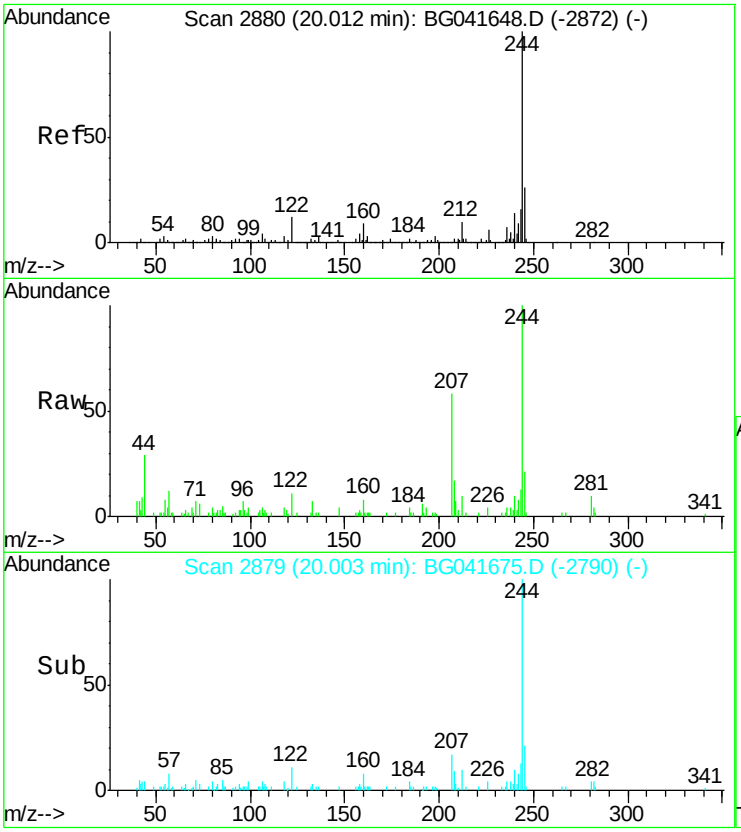
#76
Chrysene-d12
Concen: 0.000 ng
Expected RT: 21.66 min

Lab File: BG041675.D
Acq: 16 Jul 2019 20:11

Tgt Ion: 240

Sig	Exp Ratio
240	100
120	10.0
236	28.2



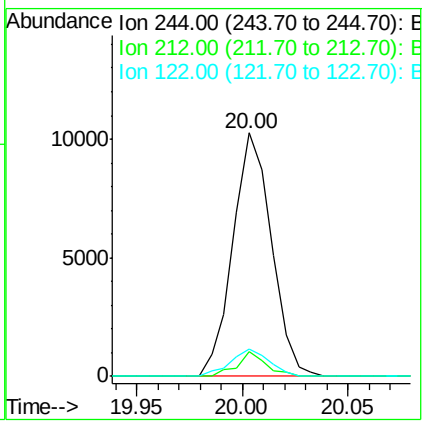


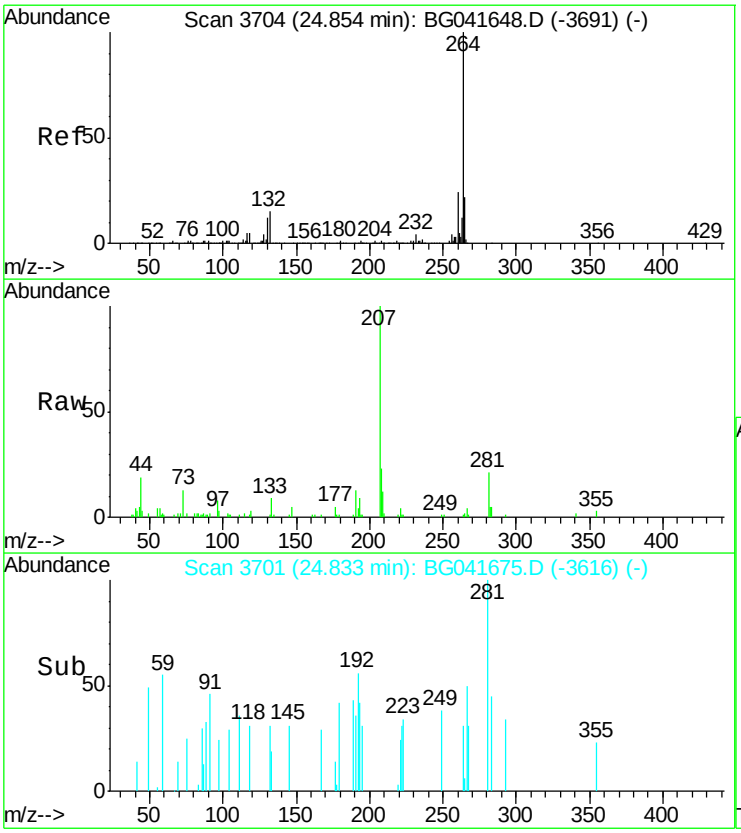
#79
Terphenyl-d14
Concen: 0.000 ng
RT: 20.00 min Scan# 2879
Delta R.T. -0.01 min
Lab File: BG041675.D
Acq: 16 Jul 2019 20:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 12978

Ion	Ratio	Lower	Upper
244	100		
212	10.1	9.7	14.5
122	11.3	12.5	18.7#

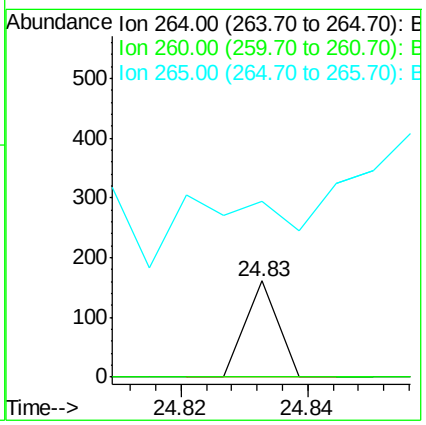


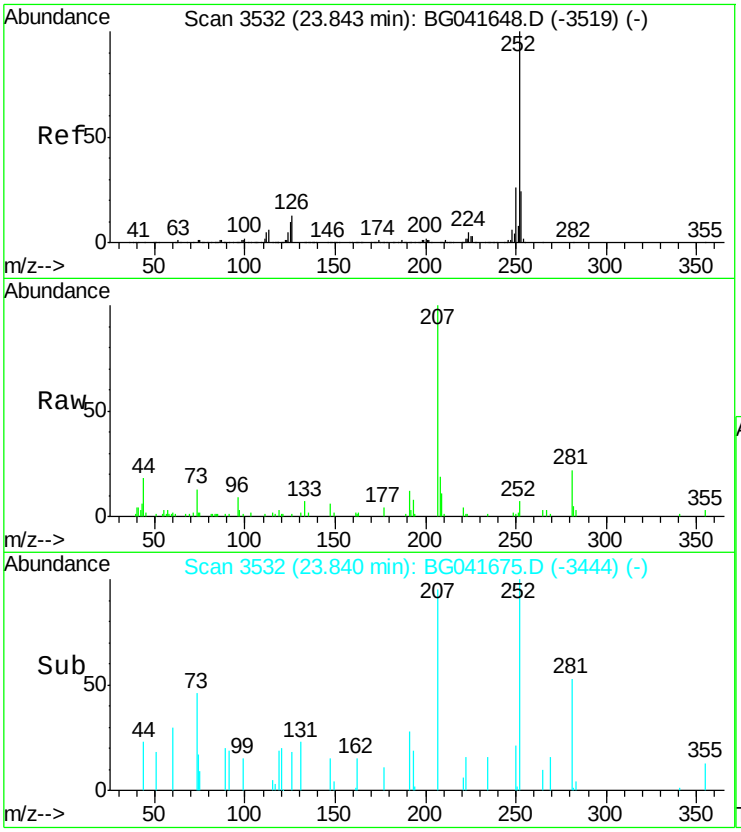


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.83 min Scan# 3701
Delta R.T. -0.03 min
Lab File: BG041675.D
Acq: 16 Jul 2019 20:11

Tgt Ion:264 Resp: 57

Ion	Ratio	Lower	Upper
264	100		
260	0.0	19.5	29.3#
265	182.6	18.0	27.0#



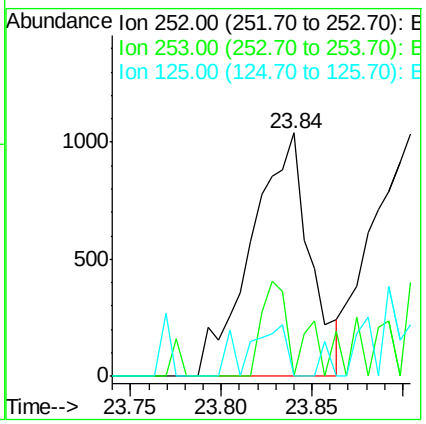


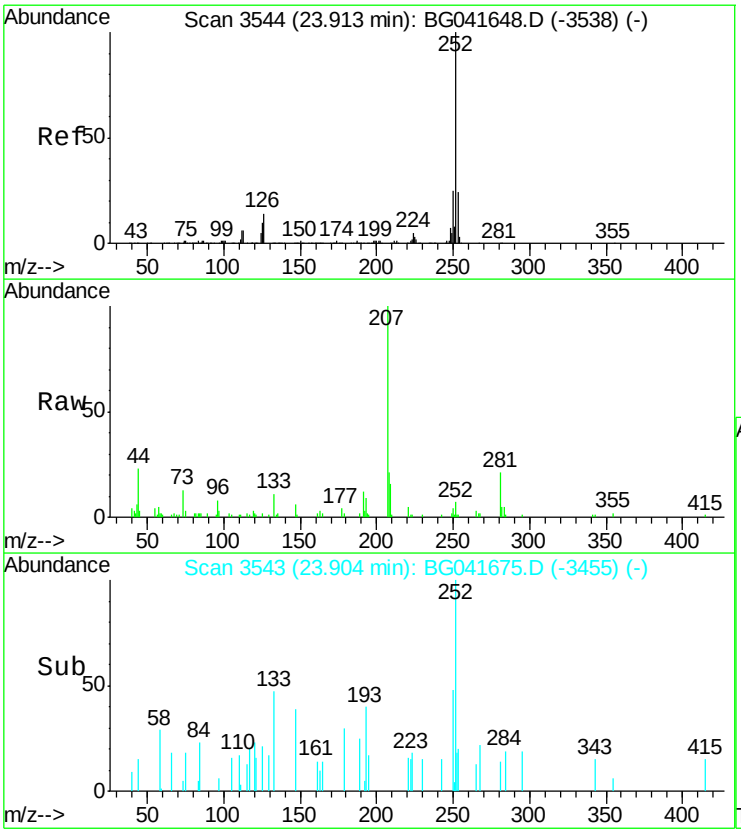
#88
Benzo(b)fluoranthene
Concen: 673.902 ng
RT: 23.84 min Scan# 3532
Delta R.T. -0.01 min
Lab File: BG041675.D
Acq: 16 Jul 2019 20:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 2330

Ion	Ratio	Lower	Upper
252	100		
253	0.0	20.6	30.8#
125	0.0	8.0	12.0#

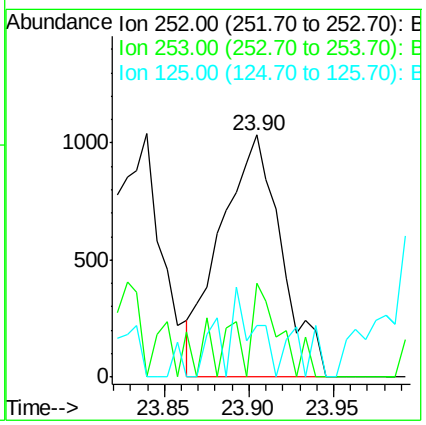


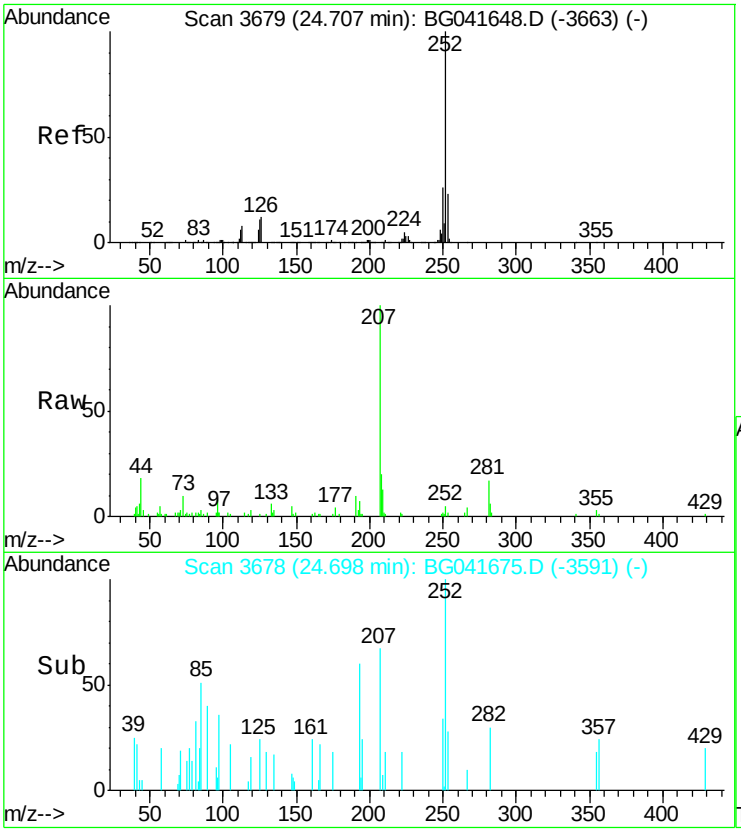


#89
Benzo(k)fluoranthene
Concen: 811.865 ng
RT: 23.90 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG041675.D
Acq: 16 Jul 2019 20:11

Tgt Ion:252 Resp: 2601

Ion	Ratio	Lower	Upper
252	100		
253	38.6	20.5	30.7#
125	21.3	8.4	12.6#



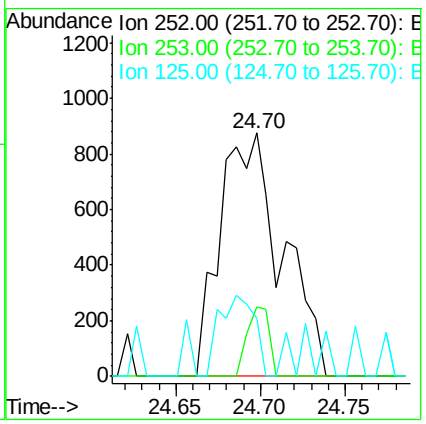


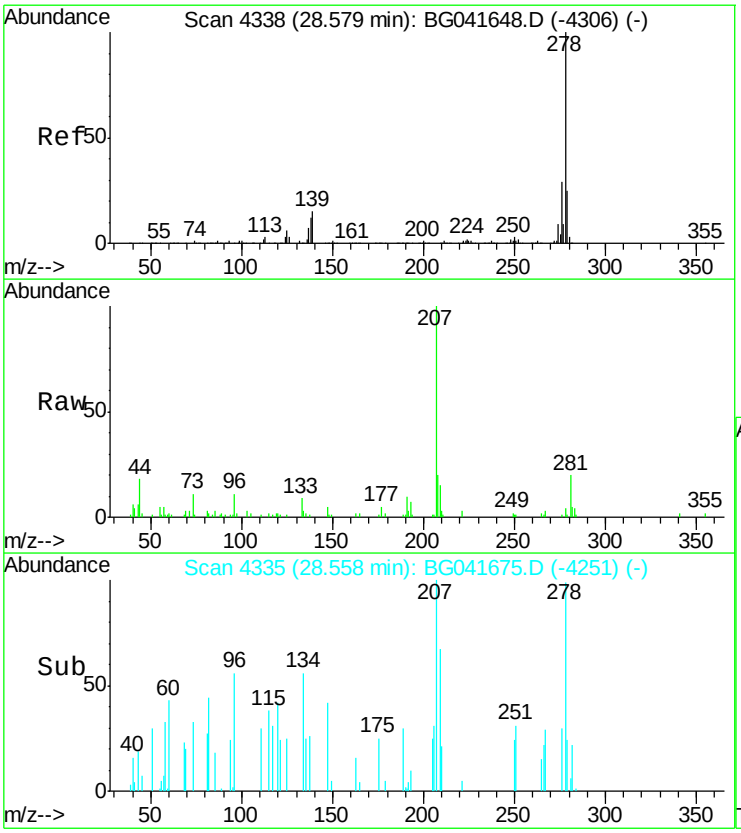
#90
Benzo(a)pyrene
Concen: 685.977 ng
RT: 24.70 min Scan# 3678
Delta R.T. -0.02 min
Lab File: BG041675.D
Acq: 16 Jul 2019 20:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 2244

Ion	Ratio	Lower	Upper
252	100		
253	28.4	19.8	29.8
125	24.1	8.8	13.2#

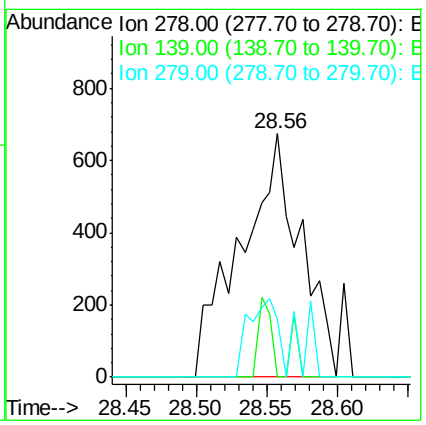


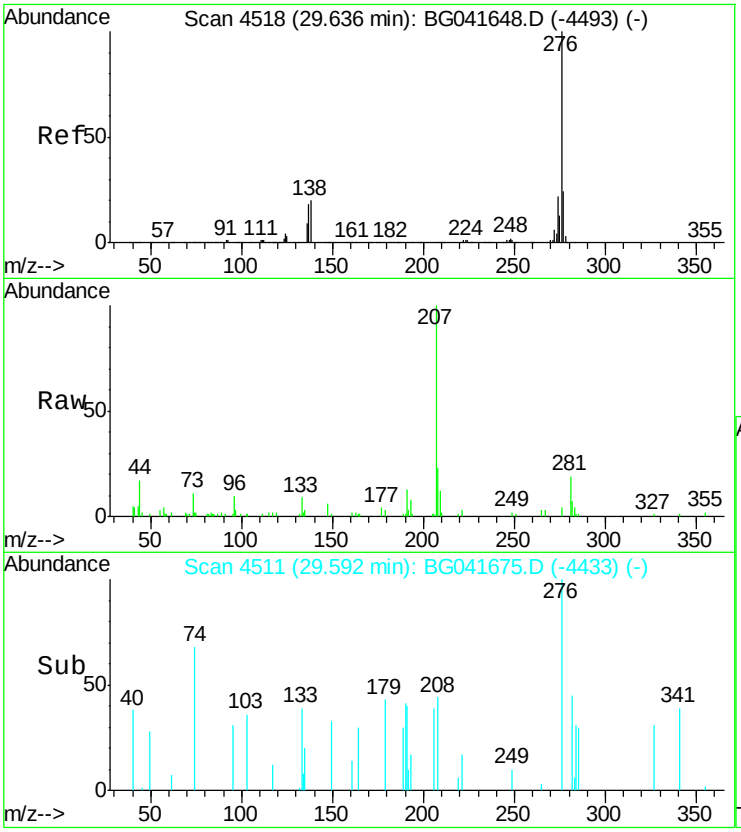


#91
Dibenzo(a,h)anthracene
Concen: 627.410 ng
RT: 28.56 min Scan# 4335
Delta R.T. -0.04 min
Lab File: BG041675.D
Acq: 16 Jul 2019 20:11

Tgt Ion:278 Resp: 1990

Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.6	19.0#
279	23.9	20.5	30.7





#92
Benzo(g,h,i)perylene
Concen: 208.903 ng
RT: 29.59 min Scan# 4511
Delta R.T. -0.07 min
Lab File: BG041675.D
Acq: 16 Jul 2019 20:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 664

Ion	Ratio	Lower	Upper
276	100		
277	0.0	19.8	29.8#
138	0.0	16.6	25.0#