Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG073019\
Data File : BG041807.D
Acq On : 30 Jul 2019 18:32
Operator : HP/JU
Sample : DFTPP
Misc : MDL-WATER-8PPM
ALS Vial : 1 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DFTPP

Quant Time: Jul 31 01:20:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 07:53:52 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		-10.87
39) Acenaphthene-d10	0.00	164	0	0.00	ng		-14.70
64) Phenanthrene-d10	17.45	188	80	20.00	ng		0.00
76) Chrysene-d12	21.72	240	60	20.00	ng		-0.01
87) Perylene-d12	25.00	264	86	20.00	ng		-0.02
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	0.00	82	0	0.00	ng		
42) 2,4,6-Tribromophenol	16.67	330	60	0.00	ng		0.48
45) 2-Fluorobiphenyl	0.00	172	0	0.00	ng		
79) Terphenyl-d14	20.07	244	335	127.76	ng		0.00
Target Compounds							Qvalue
69) Atrazine	17.10	200	17390	20310.736	ng	#	34
70) Pentachlorophenol	17.10	266	99224	169421.728	ng		95
71) Phenanthrene	17.68	178	55	14.343	ng	#	55
72) Anthracene	17.68	178	55	14.381	ng	#	55
73) Carbazole	17.90	167	5986	1743.883	ng	#	73
74) Di-n-butylphthalate	18.42	149	109	28.010	ng	#	72
75) Fluoranthene	19.51	202	64	13.731	ng	#	57
77) Benzidine	19.68	184	686771	350678.287	ng		98
78) Pyrene	19.87	202	60	16.878	ng	#	49
80) Butylbenzylphthalate	20.92	149	4535	3327.317	ng	#	1
81) Benzo(a)anthracene	21.72	228	159	44.790	ng	#	45
82) 3,3'-Dichlorobenzidine	21.64	252	690	484.123	ng	#	65
83) Chrysene	21.78	228	56	16.457	ng	#	43
84) Bis(2-ethylhexyl)phthalate	21.63	149	851	452.640	ng	#	87
85) Di-n-octyl phthalate	22.86	149	990	312.887	ng	#	62
86) Indeno(1,2,3-cd)pyrene	28.74	276	138	30.636	ng	#	50
88) Benzo(b)fluoranthene	23.93	252	55	11.691	ng	#	56
89) Benzo(k)fluoranthene	24.04	252	325	70.918	ng	#	56
90) Benzo(a)pyrene	24.83	252	83	18.395	ng	#	12
91) Dibenzo(a,h)anthracene	28.80	278	117	26.408	ng	#	1
92) Benzo(g,h,i)perylene	29.89	276	216	48.799	ng	#	53

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

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Instrument :
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ClientSampleId :
DFTPP

Quant Time: Jul 31 01:20:02 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 07:53:52 2019
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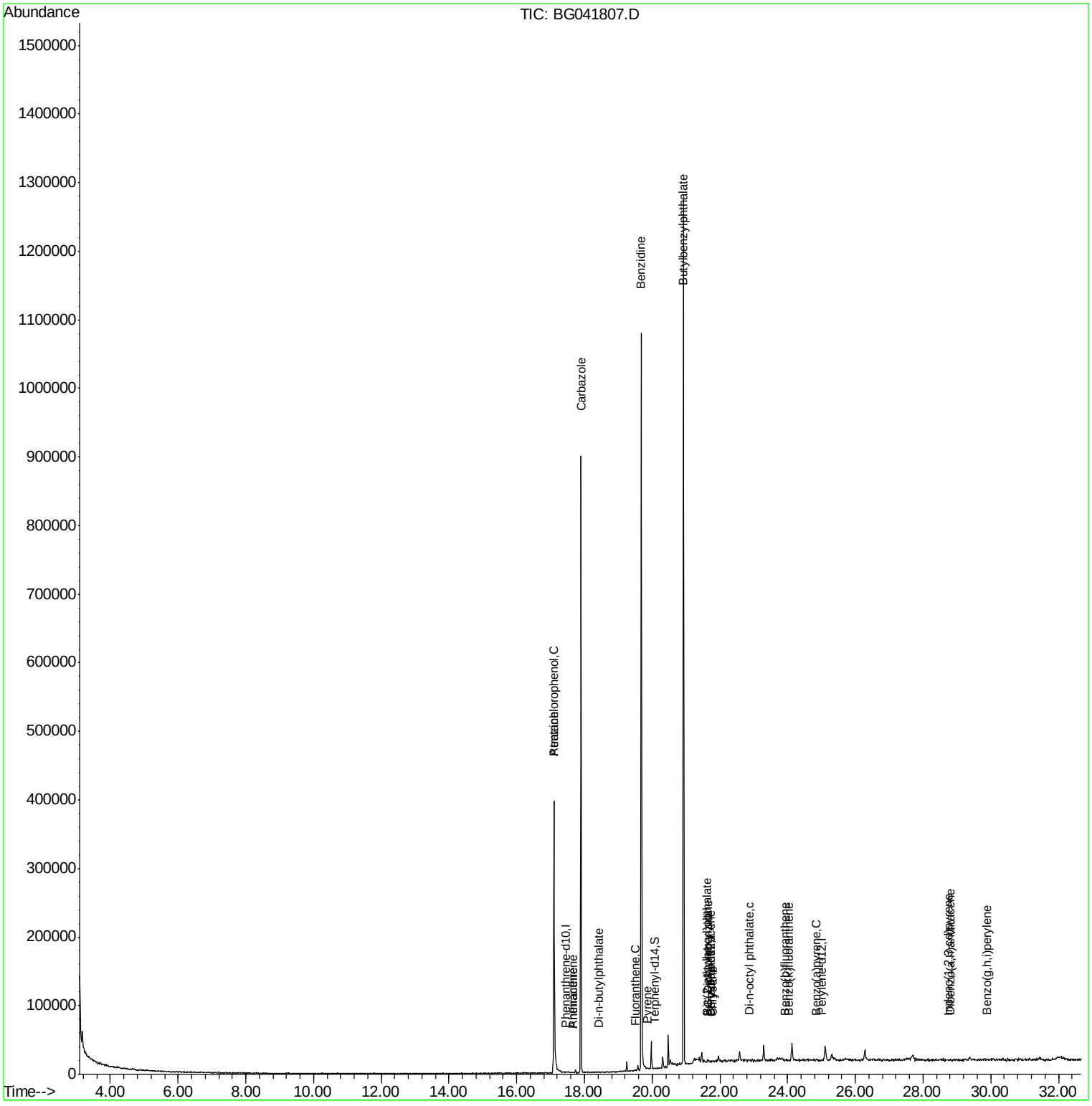
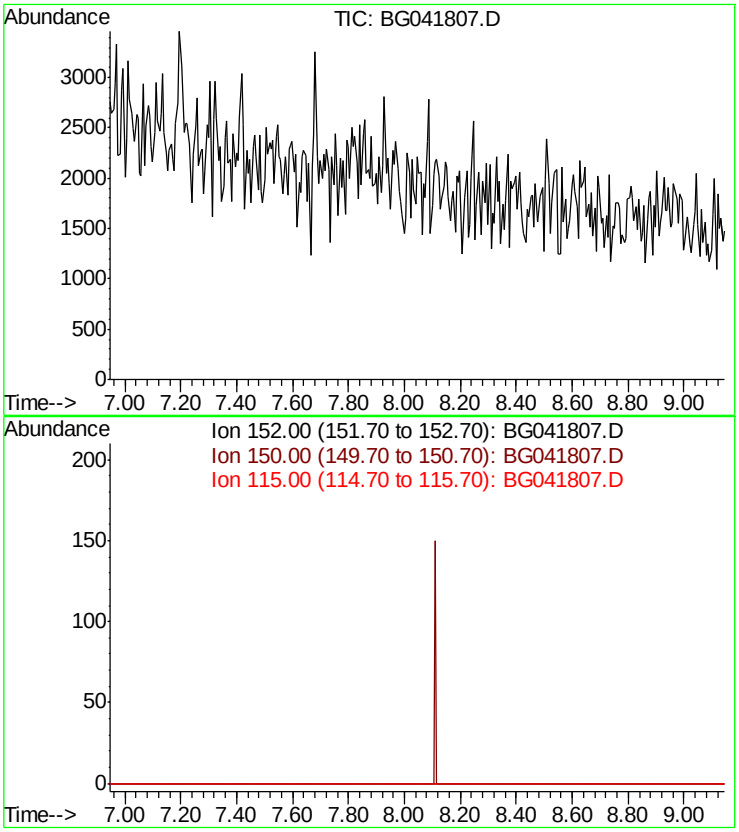




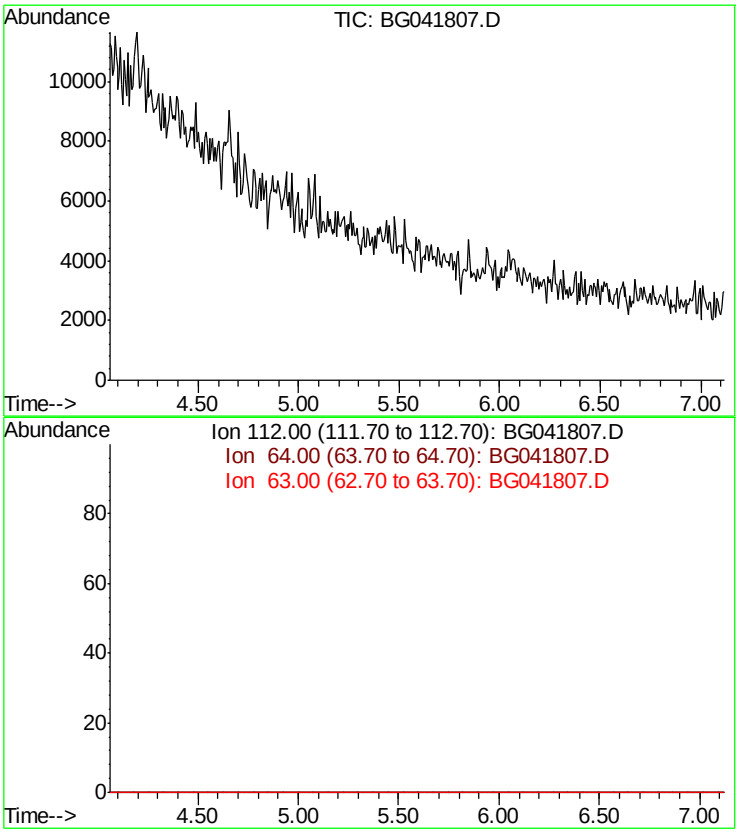
#1
1,4-Dichlorobenzene-d4
Concen: 0.000 ng
Expected RT: 8.05 min

Lab File: BG041807.D
Acq: 30 Jul 2019 18:32

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion: 152

Sig	Exp Ratio
152	100
150	158.6
115	56.3

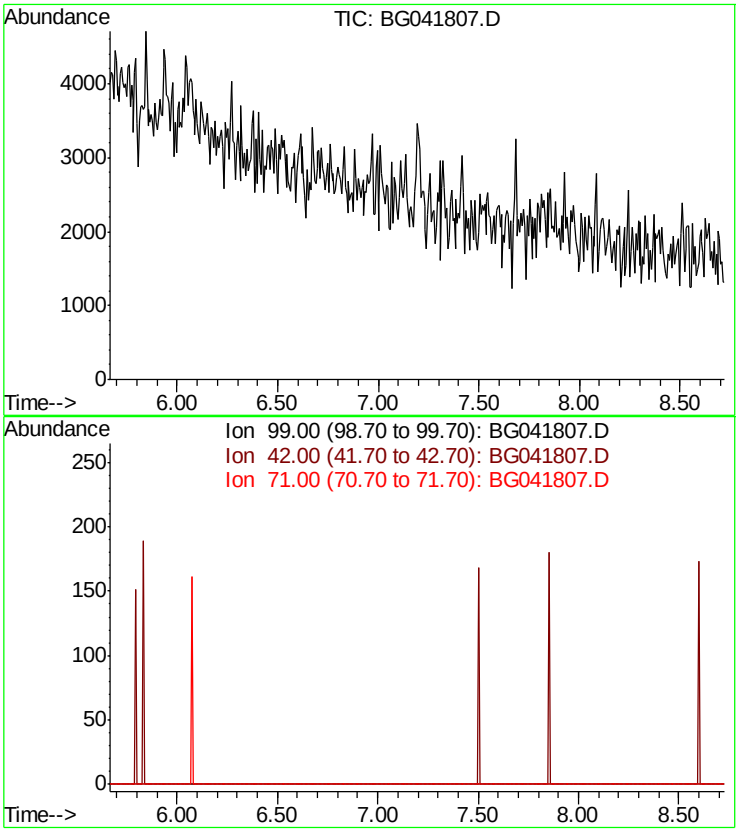


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.59 min

Lab File: BG041807.D
Acq: 30 Jul 2019 18:32

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	69.3
63	36.4



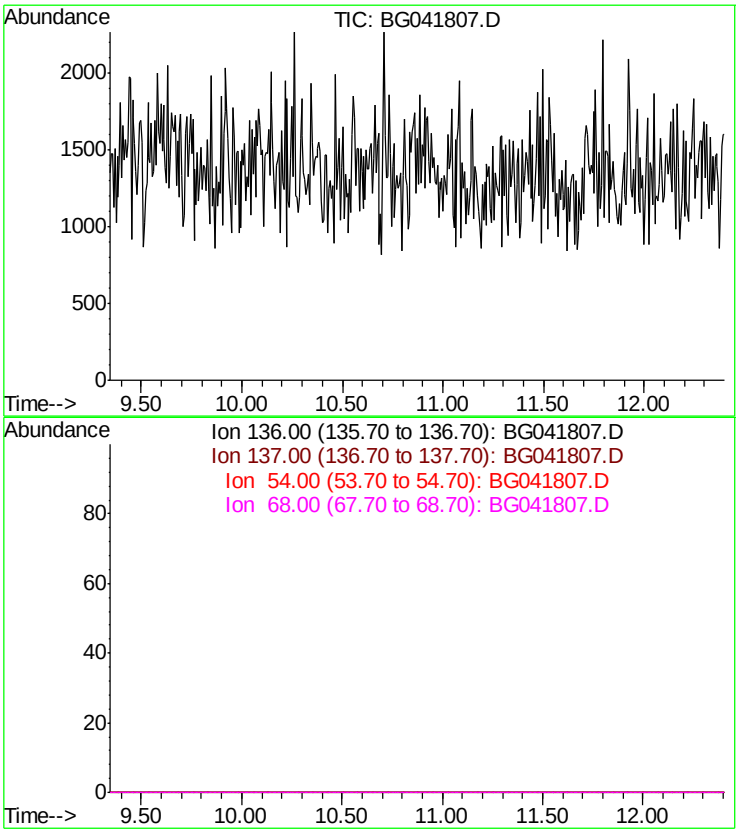
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 7.19 min

Lab File: BG041807.D
Acq: 30 Jul 2019 18:32

Tgt Ion: 99

Sig	Exp Ratio
99	100
42	22.0
71	34.7

Instrument :
BNA_G
ClientSampleId :
DFTPP

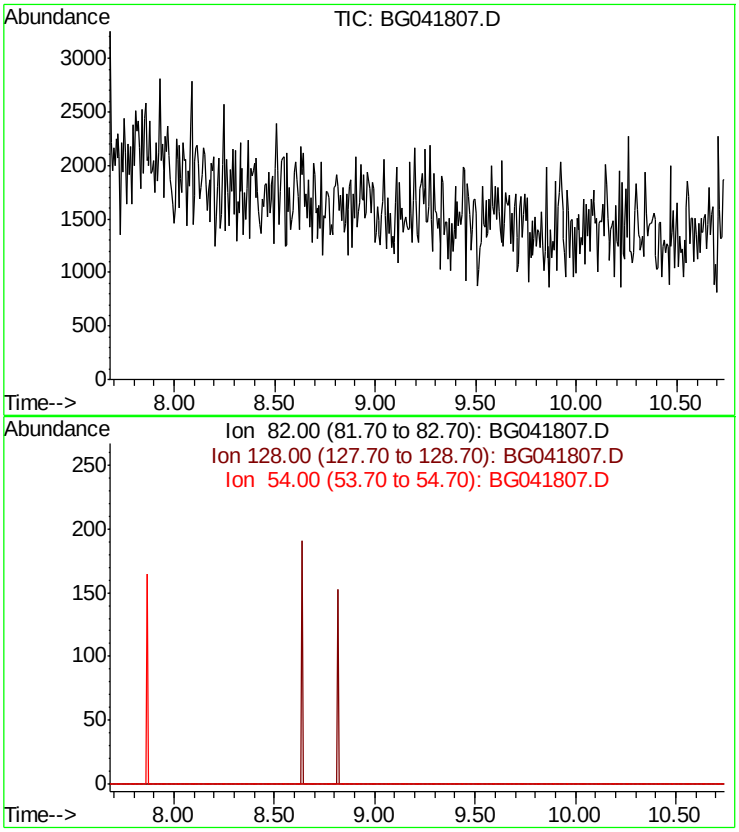


#21
Naphthalene-d8
Concen: 0.000 ng
Expected RT: 10.87 min

Lab File: BG041807.D
Acq: 30 Jul 2019 18:32

Tgt Ion: 136

Sig	Exp Ratio
136	100
137	11.5
54	10.9
68	6.9



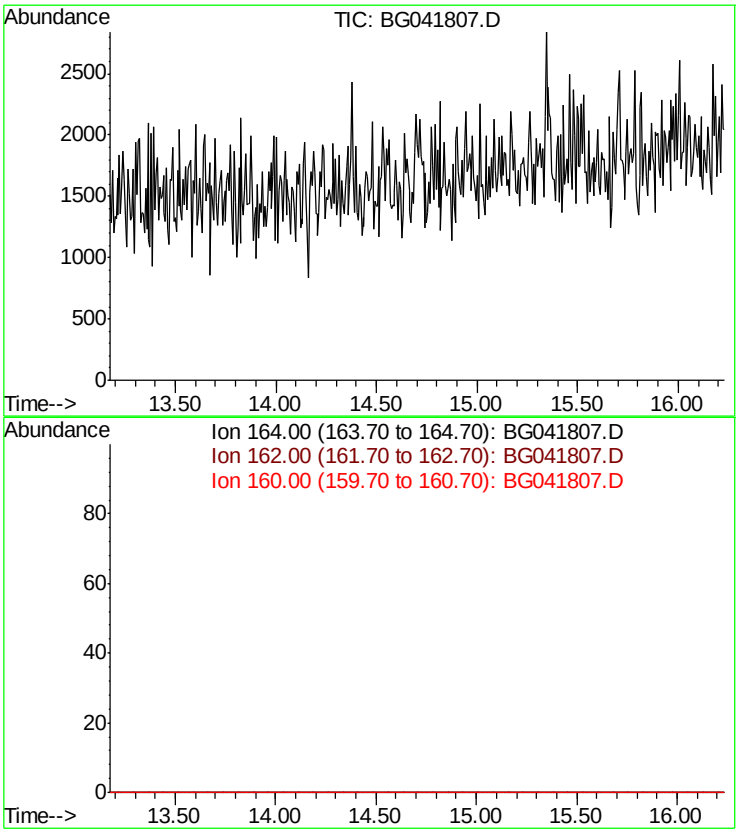
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 9.21 min

Lab File: BG041807.D
Acq: 30 Jul 2019 18:32

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	43.9
54	60.9

Instrument :
BNA_G
ClientSampleId :
DFTPP

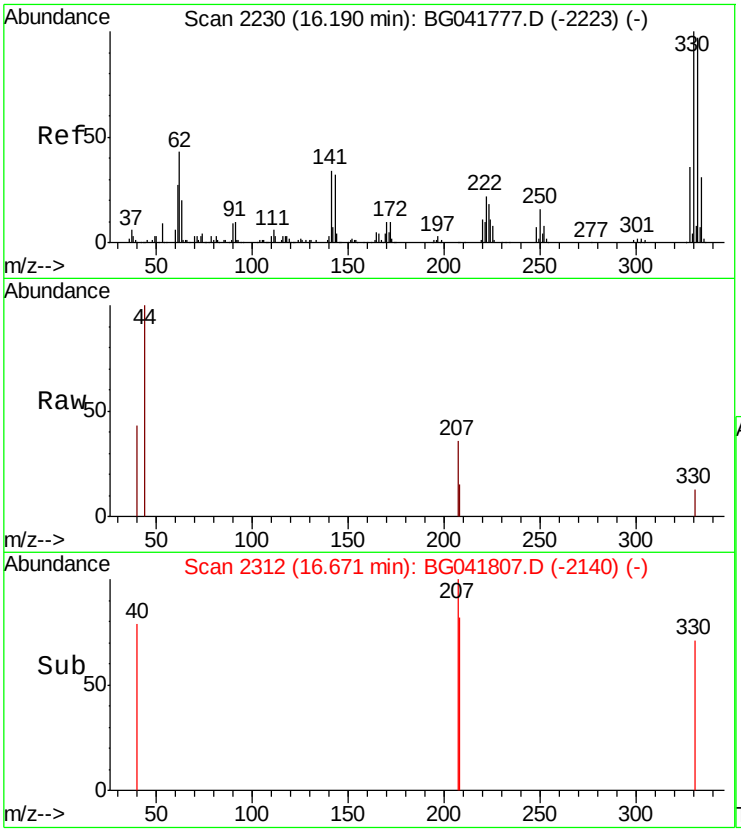


#39
Acenaphthene-d10
Concen: 0.000 ng
Expected RT: 14.70 min

Lab File: BG041807.D
Acq: 30 Jul 2019 18:32

Tgt Ion: 164

Sig	Exp Ratio
164	100
162	99.5
160	44.2

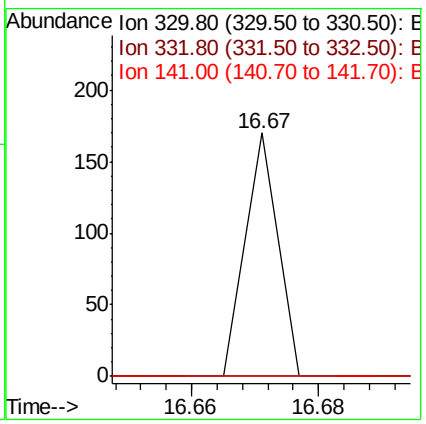


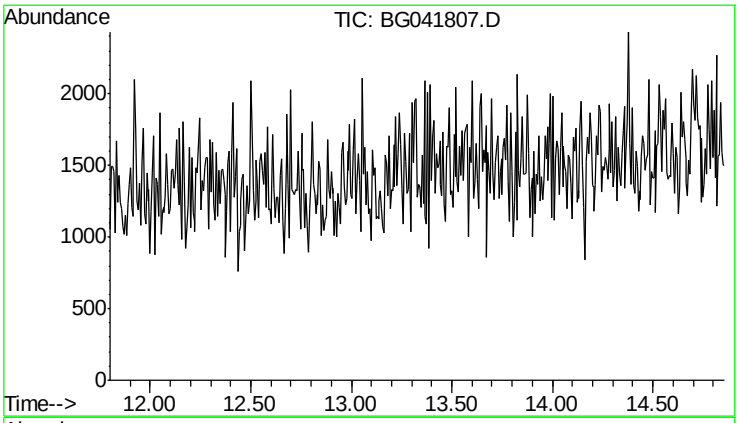
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
RT: 16.67 min Scan# 2312
Delta R.T. 0.48 min
Lab File: BG041807.D
Acq: 30 Jul 2019 18:32

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion:330 Resp: 60

Ion	Ratio	Lower	Upper
330	100		
332	0.0	77.4	116.0#
141	0.0	31.9	47.9#



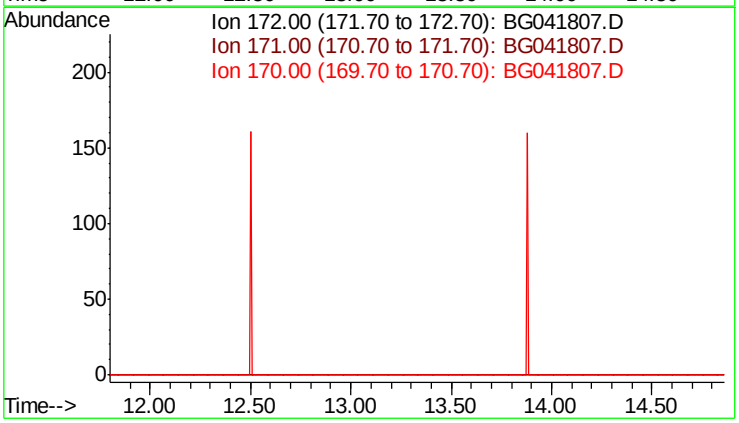


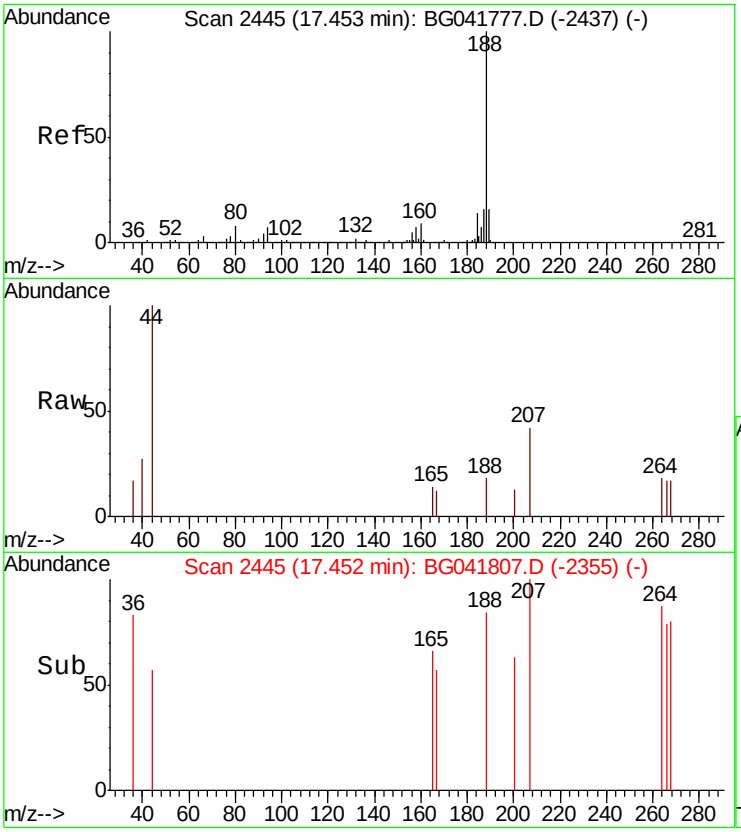
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 13.33 min

Lab File: BG041807.D
Acq: 30 Jul 2019 18:32

Tgt Ion: 172

Sig	Exp Ratio
172	100
171	43.7
170	29.4



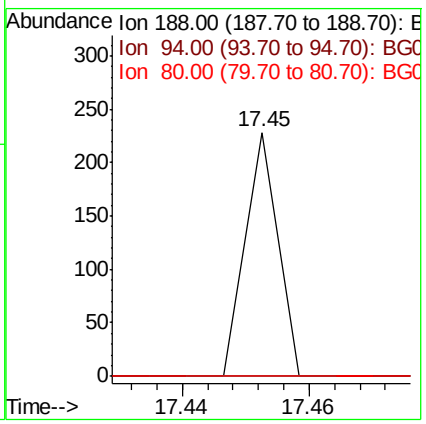


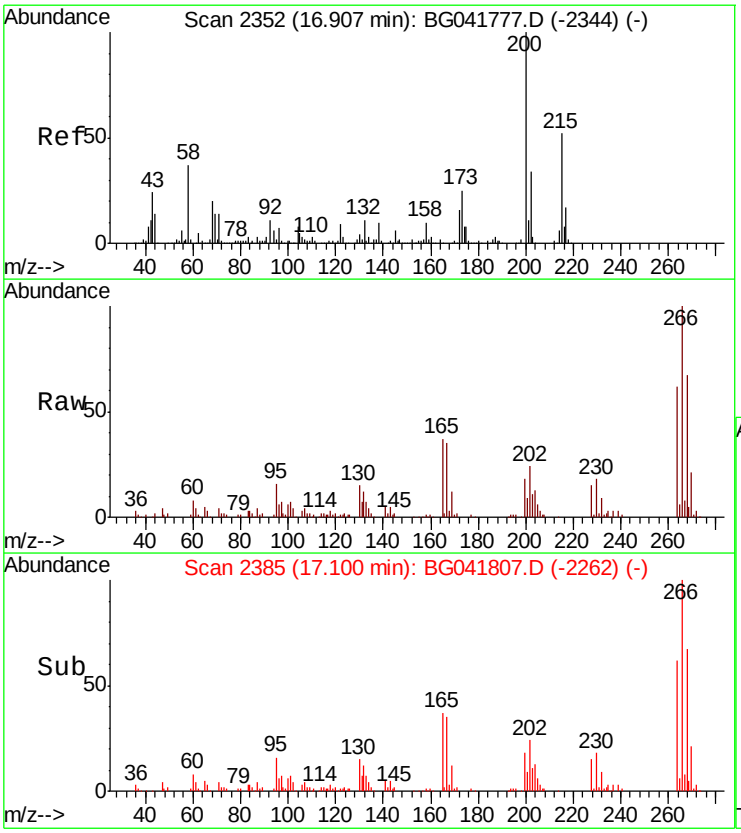
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.00 min
Lab File: BG041807.D
Acq: 30 Jul 2019 18:32

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion:188 Resp: 80

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

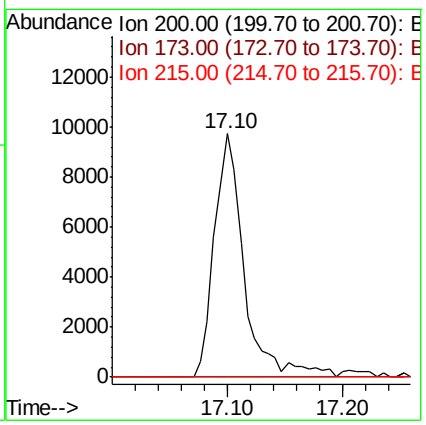


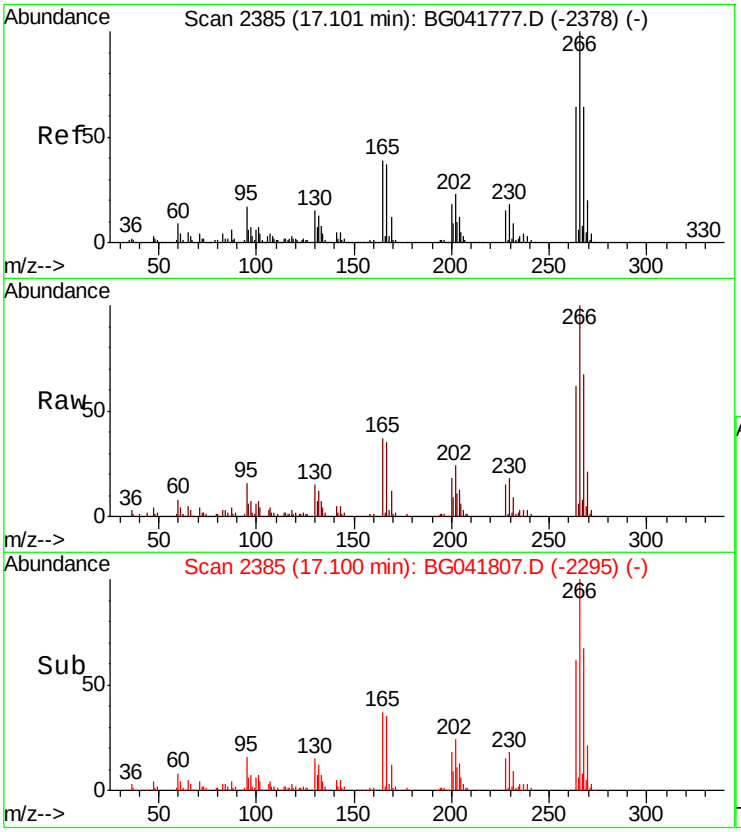


#69
Atrazine
Concen: 20310.736 ng
RT: 17.10 min Scan# 2385
Delta R.T. 0.19 min
Lab File: BG041807.D
Acq: 30 Jul 2019 18:32

Tgt Ion:200 Resp: 17390

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



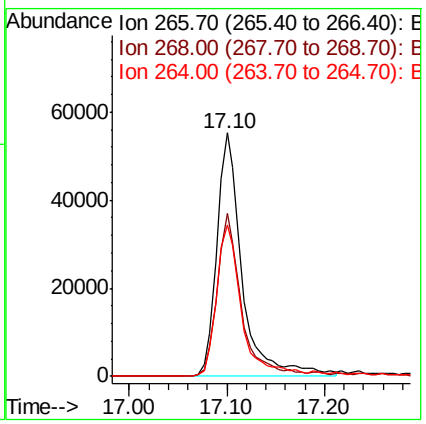


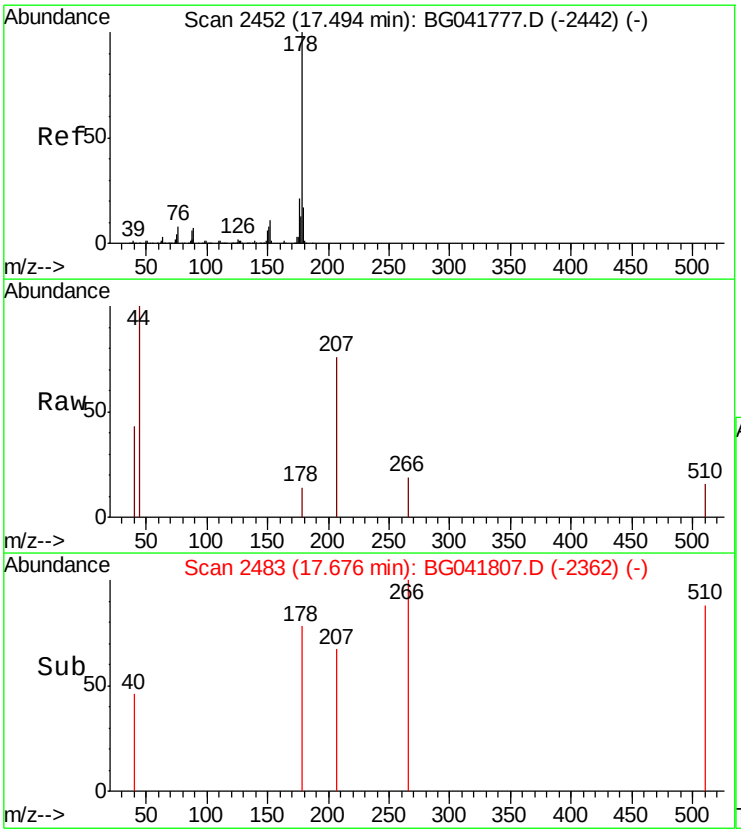
#70
Pentachlorophenol
Concen: 169421.728 ng
RT: 17.10 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BG041807.D
Acq: 30 Jul 2019 18:32

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion:266 Resp: 99224

Ion	Ratio	Lower	Upper
266	100		
268	71.7	52.9	79.3
264	62.1	51.4	77.2

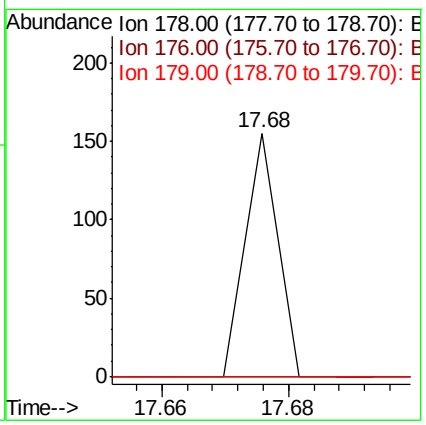


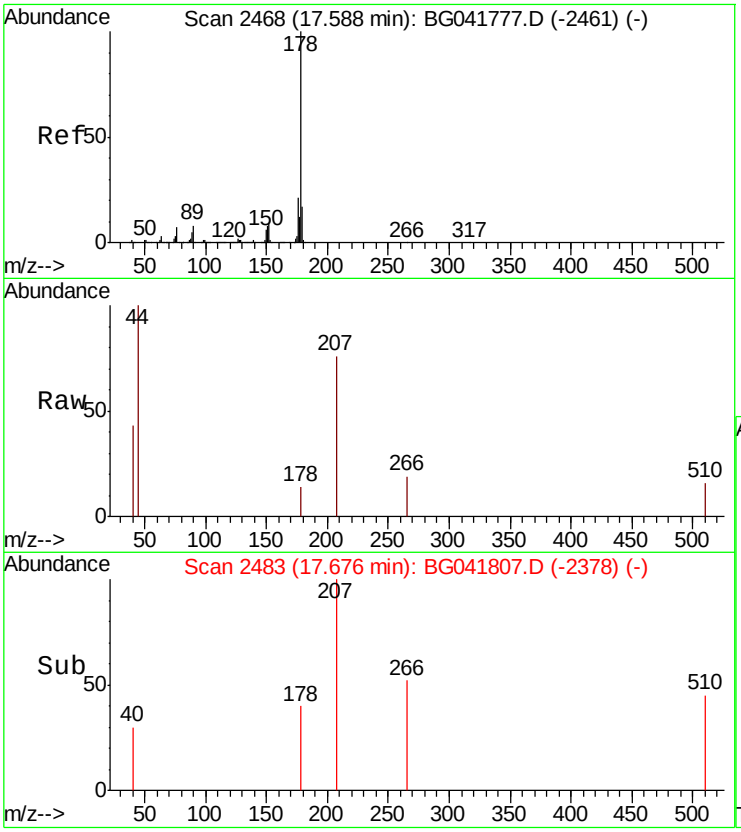


#71
Phenanthrene
Concen: 14.343 ng
RT: 17.68 min Scan# 2483
Delta R.T. 0.18 min
Lab File: BG041807.D
Acq: 30 Jul 2019 18:32

Tgt Ion:178 Resp: 55

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



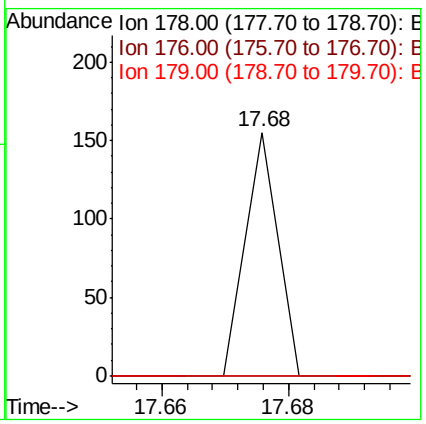


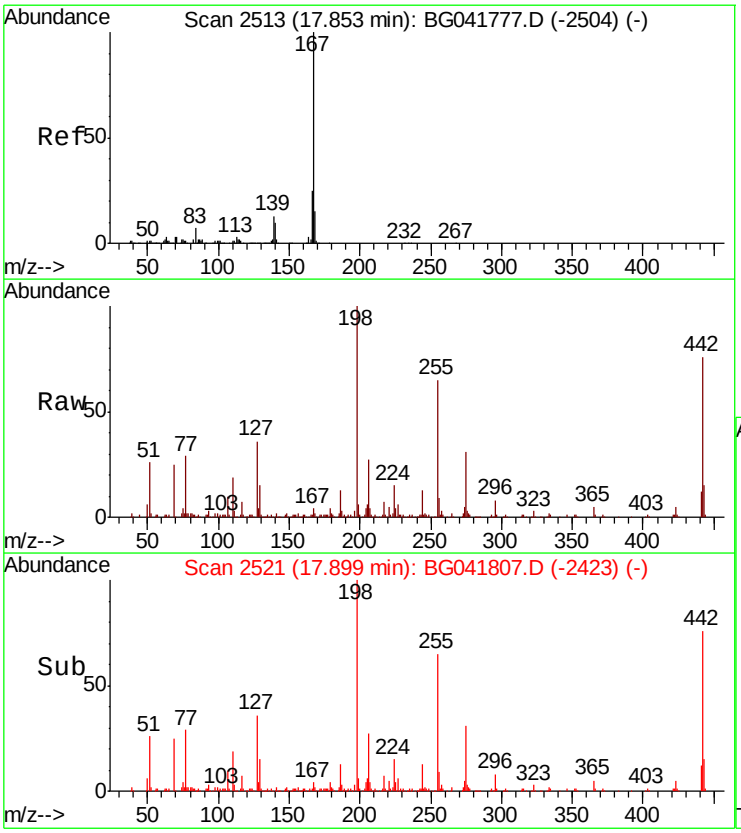
#72
Anthracene
Concen: 14.381 ng
RT: 17.68 min Scan# 2483
Delta R.T. 0.09 min
Lab File: BG041807.D
Acq: 30 Jul 2019 18:32

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion:178 Resp: 55

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

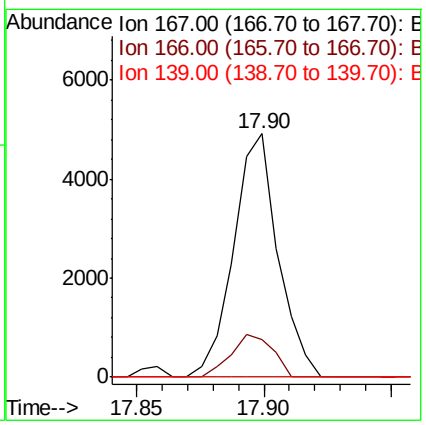


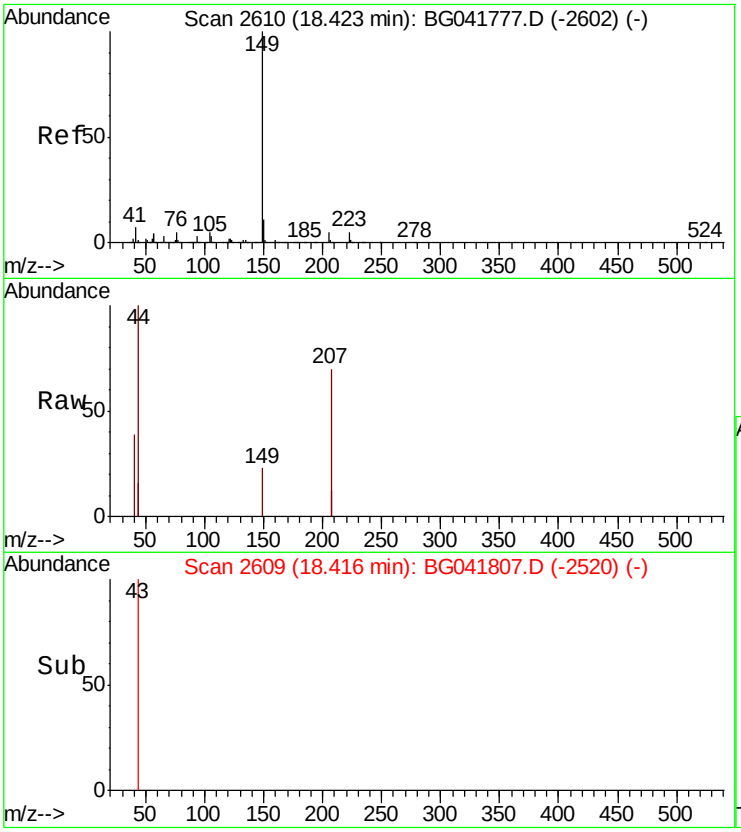


#73
Carbazole
Concen: 1743.883 ng
RT: 17.90 min Scan# 2521
Delta R.T. 0.05 min
Lab File: BG041807.D
Acq: 30 Jul 2019 18:32

Tgt Ion:167 Resp: 5986

Ion	Ratio	Lower	Upper
167	100		
166	15.3	21.4	32.2#
139	0.0	12.1	18.1#



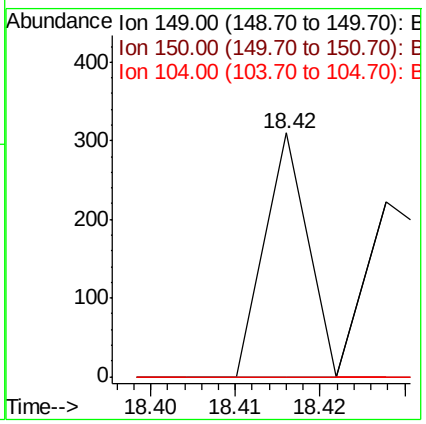


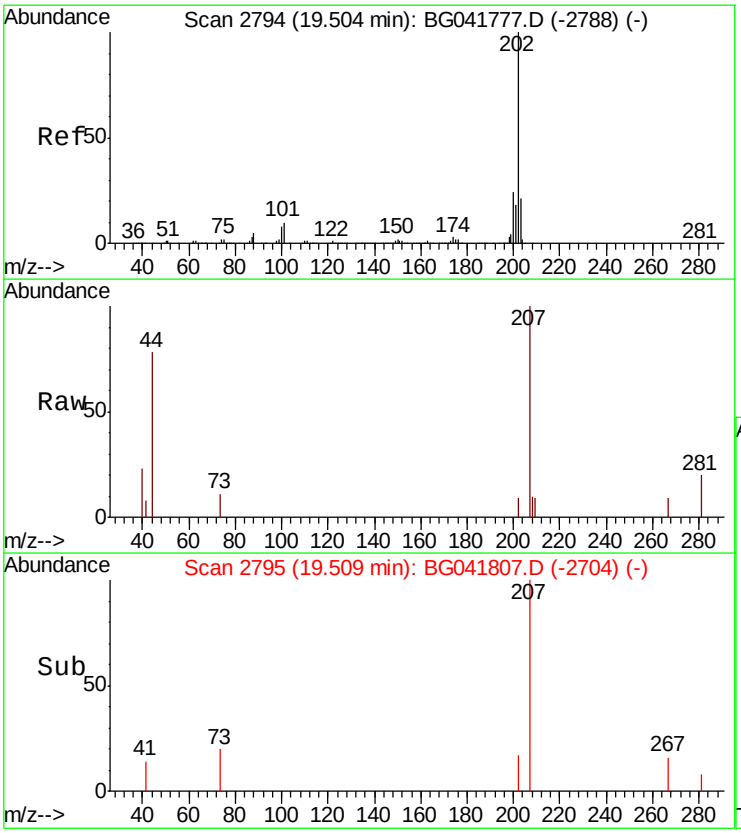
#74
Di-n-butylphthalate
Concen: 28.010 ng
RT: 18.42 min Scan# 2609
Delta R.T. -0.01 min
Lab File: BG041807.D
Acq: 30 Jul 2019 18:32

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion:149 Resp: 109

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

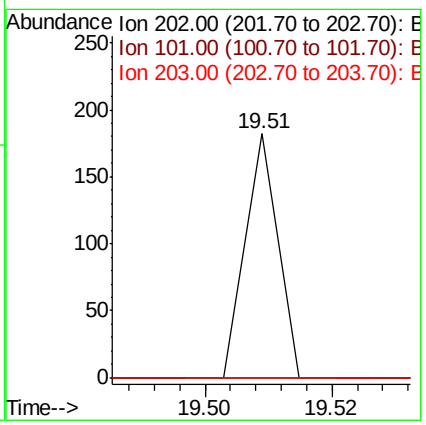


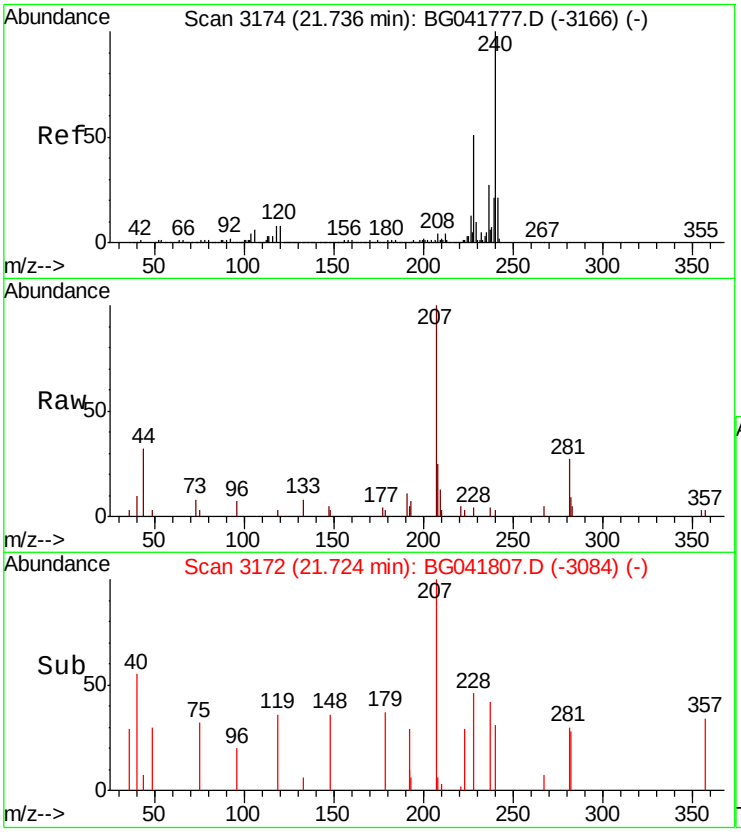


#75
Fluoranthene
Concen: 13.731 ng
RT: 19.51 min Scan# 2795
Delta R.T. 0.01 min
Lab File: BG041807.D
Acq: 30 Jul 2019 18:32

Tgt Ion:202 Resp: 64

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



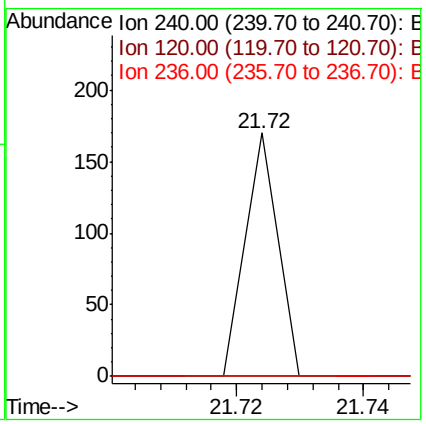


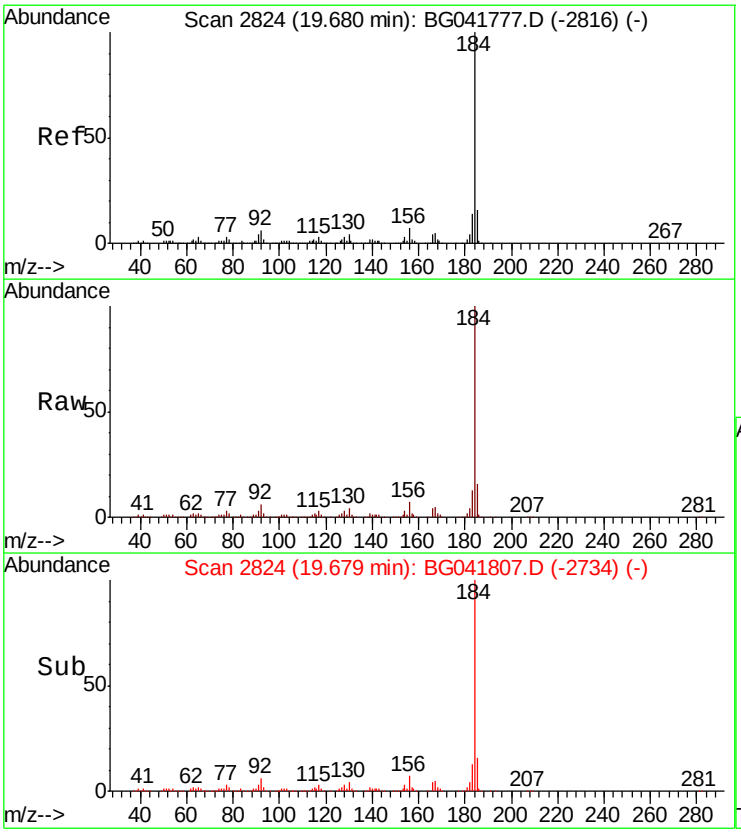
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3172
Delta R.T. -0.01 min
Lab File: BG041807.D
Acq: 30 Jul 2019 18:32

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion:240 Resp: 60

Ion	Ratio	Lower	Upper
240	100		
120	0.0	8.0	12.0#
236	0.0	22.6	33.8#

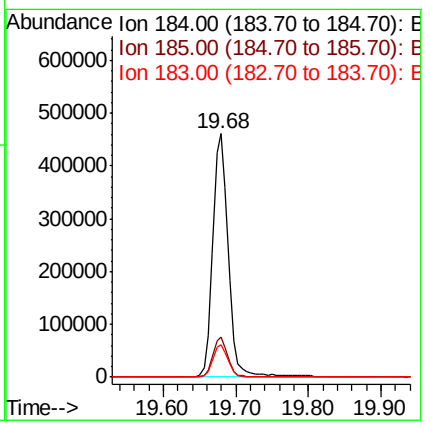


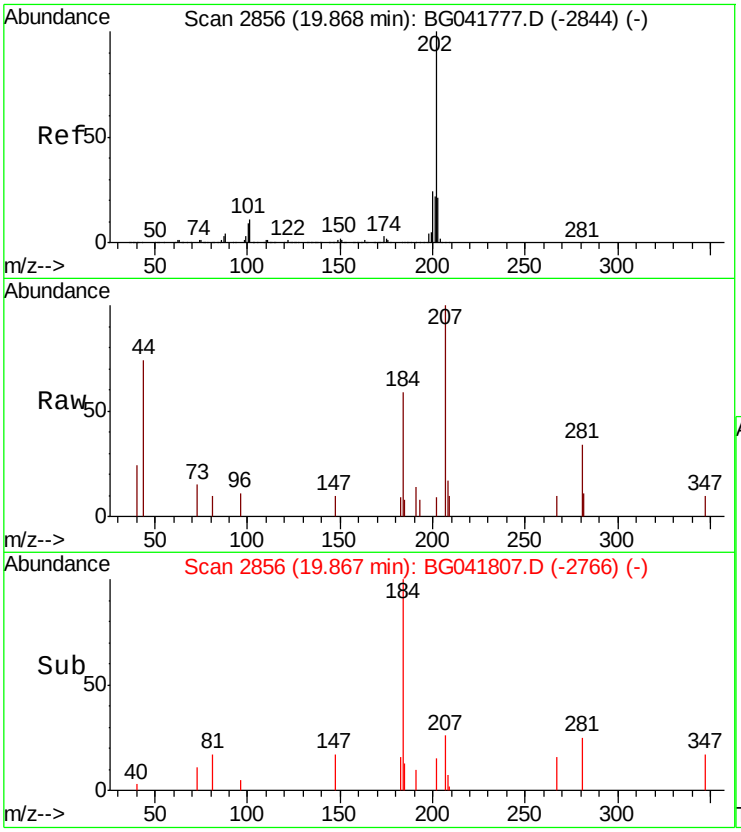


#77
Benzidine
Concen: 350678.287 ng
RT: 19.68 min Scan# 2824
Delta R.T. -0.00 min
Lab File: BG041807.D
Acq: 30 Jul 2019 18:32

Tgt Ion:184 Resp: 686771

Ion	Ratio	Lower	Upper
184	100		
185	16.2	13.0	19.4
183	13.4	11.8	17.6



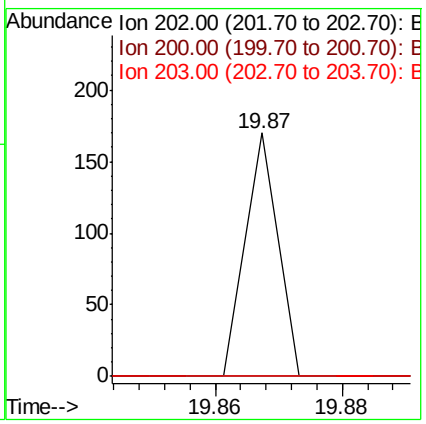


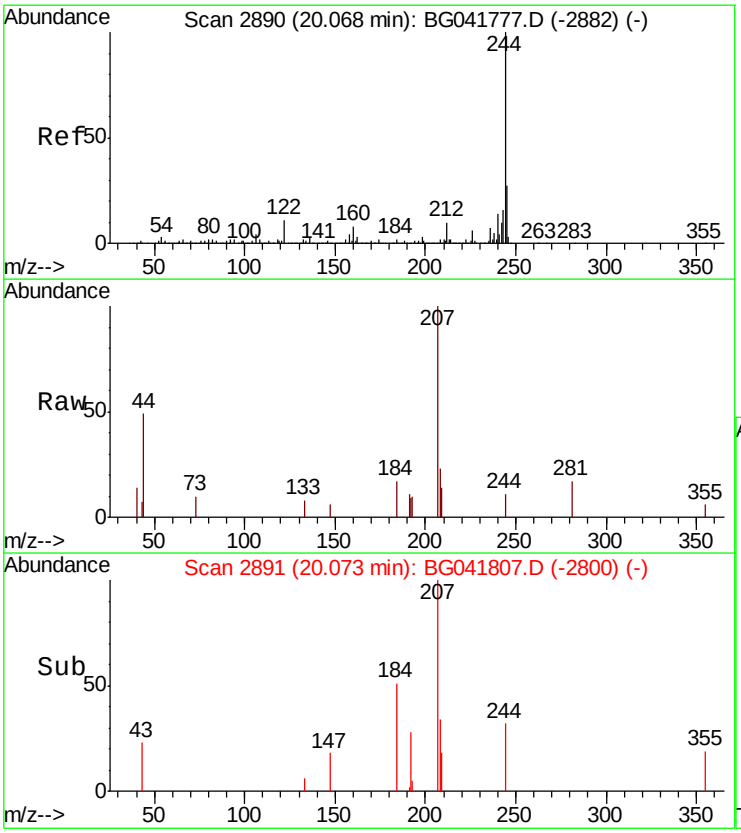
#78
Pyrene
Concen: 16.878 ng
RT: 19.87 min Scan# 2856
Delta R.T. -0.00 min
Lab File: BG041807.D
Acq: 30 Jul 2019 18:32

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion:202 Resp: 60

Ion	Ratio	Lower	Upper
202	100		
200	0.0	22.2	33.2#
203	0.0	18.9	28.3#

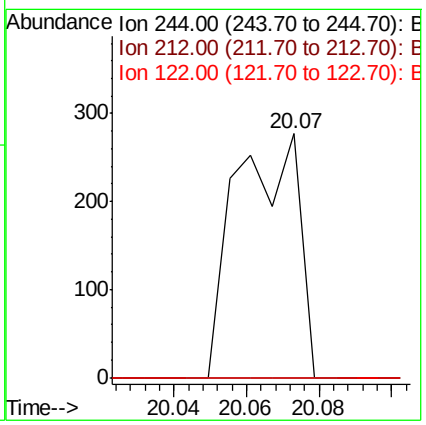


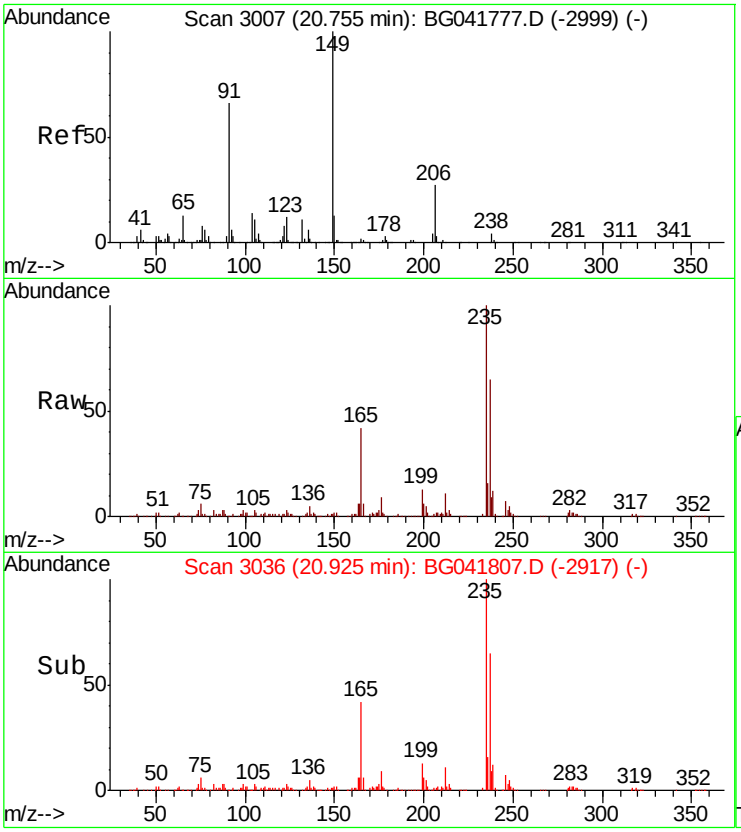


#79
Terphenyl-d14
Concen: 127.761 ng
RT: 20.07 min Scan# 2891
Delta R.T. 0.01 min
Lab File: BG041807.D
Acq: 30 Jul 2019 18:32

Tgt Ion:244 Resp: 335

Ion	Ratio	Lower	Upper
244	100		
212	0.0	9.7	14.5#
122	0.0	12.5	18.7#



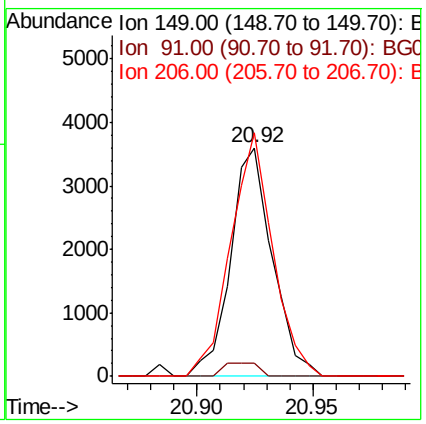


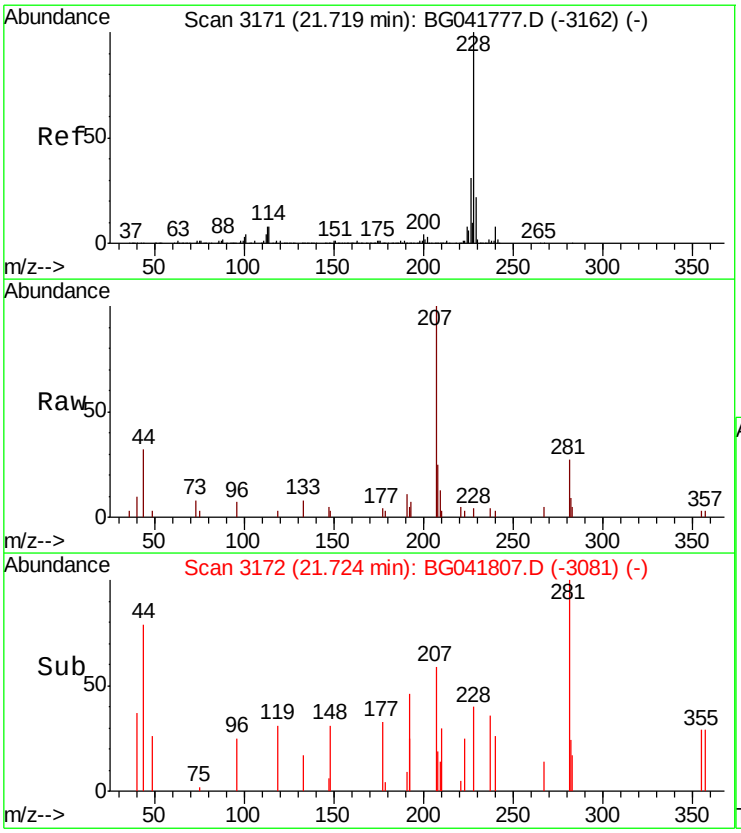
#80
Butylbenzylphthalate
Concen: 3327.317 ng
RT: 20.92 min Scan# 3036
Delta R.T. 0.17 min
Lab File: BG041807.D
Acq: 30 Jul 2019 18:32

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion:149 Resp: 4535

Ion	Ratio	Lower	Upper
149	100		
91	5.8	58.9	88.3#
206	106.6	20.8	31.2#

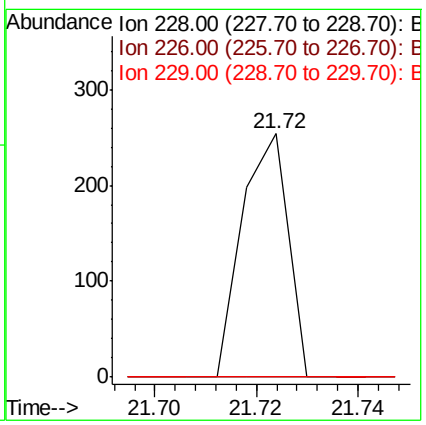


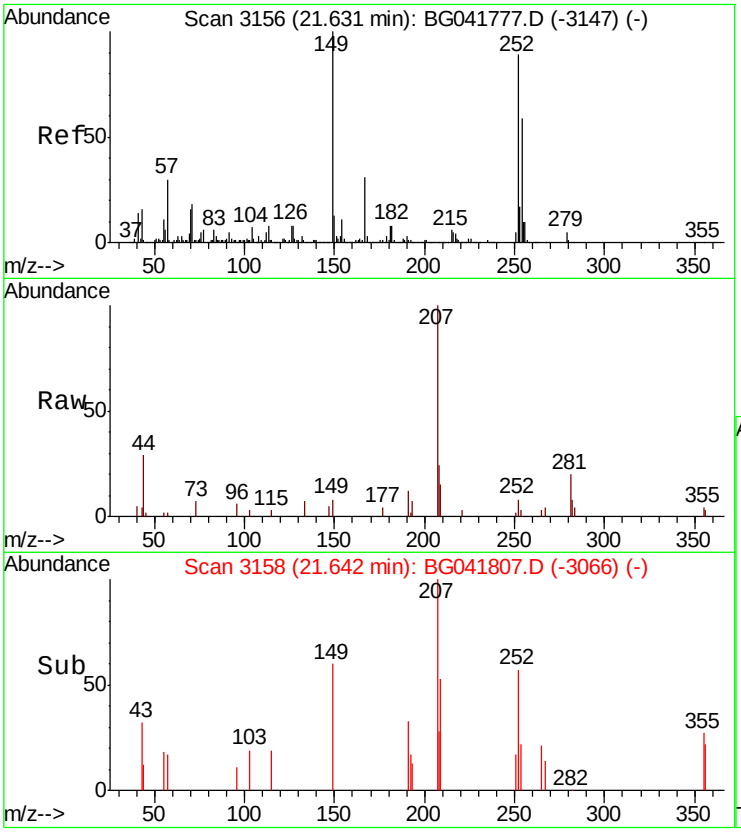


#81
Benzo(a)anthracene
Concen: 44.790 ng
RT: 21.72 min Scan# 3172
Delta R.T. 0.01 min
Lab File: BG041807.D
Acq: 30 Jul 2019 18:32

Tgt Ion:228 Resp: 159

Ion	Ratio	Lower	Upper
228	100		
226	0.0	27.3	40.9#
229	0.0	19.7	29.5#



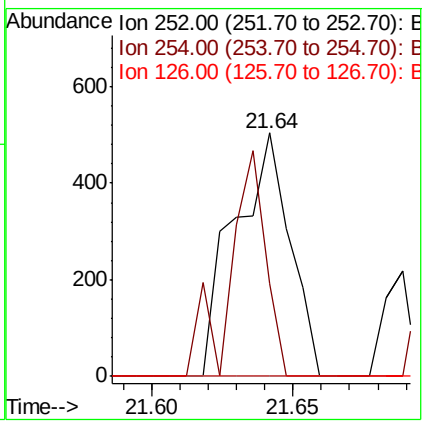


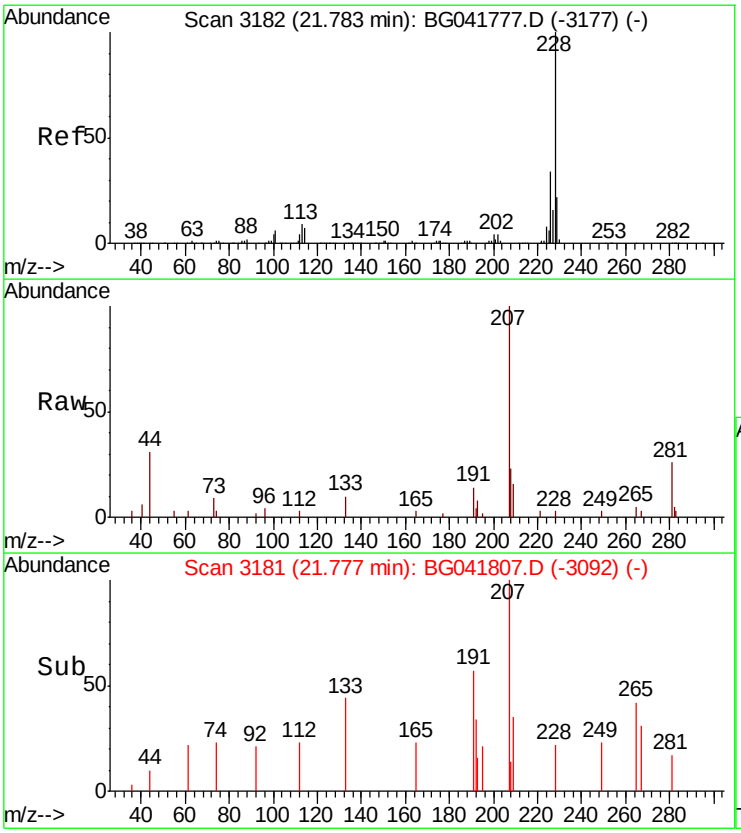
#82
3,3'-Dichlorobenzidine
Concen: 484.123 ng
RT: 21.64 min Scan# 3158
Delta R.T. 0.01 min
Lab File: BG041807.D
Acq: 30 Jul 2019 18:32

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion:252 Resp: 690

Ion	Ratio	Lower	Upper
252	100		
254	37.9	53.8	80.6#
126	0.0	7.8	11.8#

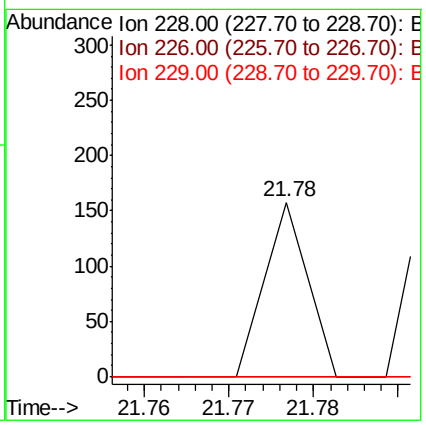


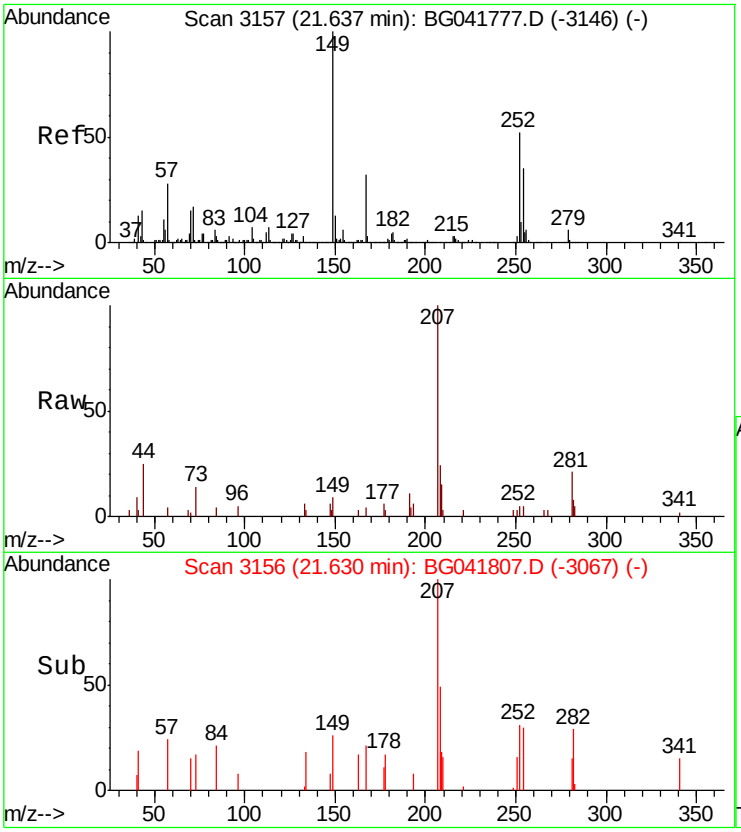


#83
Chrysene
Concen: 16.457 ng
RT: 21.78 min Scan# 3181
Delta R.T. -0.01 min
Lab File: BG041807.D
Acq: 30 Jul 2019 18:32

Tgt Ion:228 Resp: 56

Ion	Ratio	Lower	Upper
228	100		
226	0.0	30.1	45.1#
229	0.0	19.8	29.6#



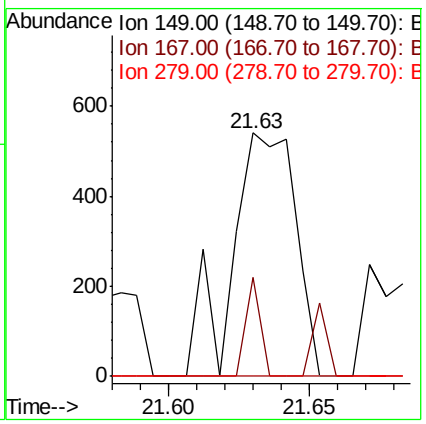


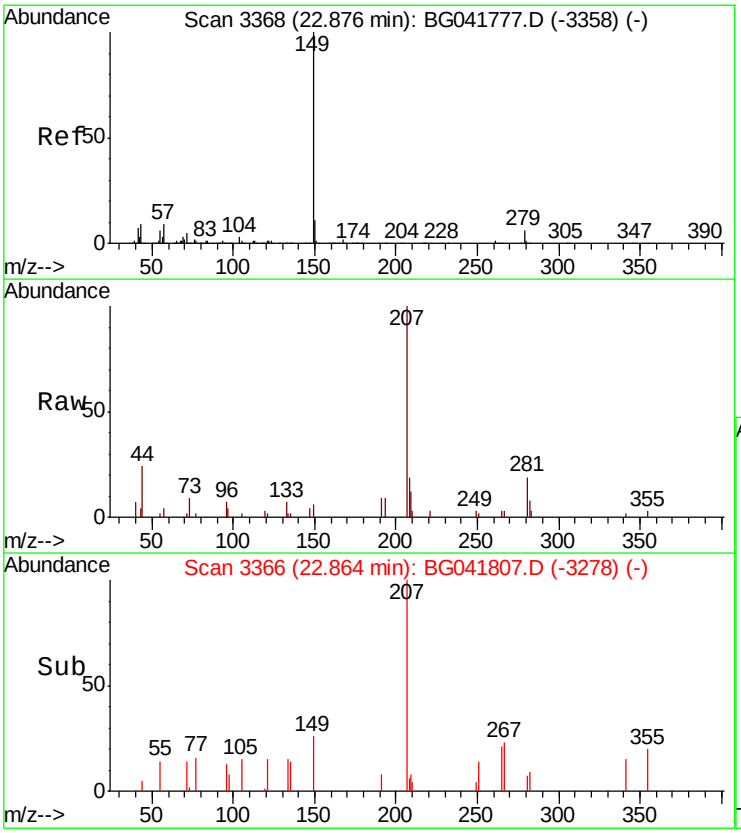
#84
Bis(2-ethylhexyl)phthalate
Concen: 452.640 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG041807.D
Acq: 30 Jul 2019 18:32

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion:149 Resp: 851

Ion	Ratio	Lower	Upper
149	100		
167	40.7	27.0	40.4#
279	0.0	5.0	7.6#

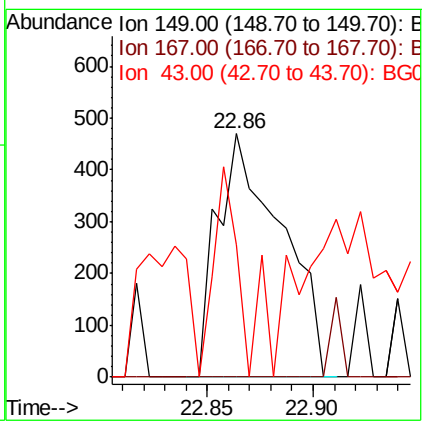


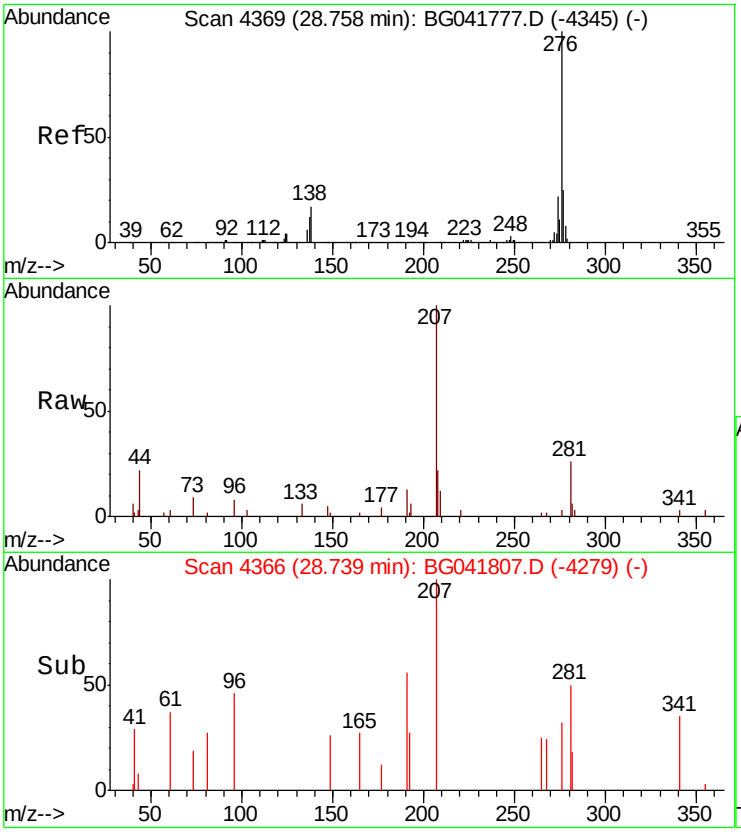


#85
Di-n-octyl phthalate
Concen: 312.887 ng
RT: 22.86 min Scan# 3366
Delta R.T. -0.01 min
Lab File: BG041807.D
Acq: 30 Jul 2019 18:32

Tgt Ion:149 Resp: 990

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.6	2.4#
43	30.4	10.6	16.0#



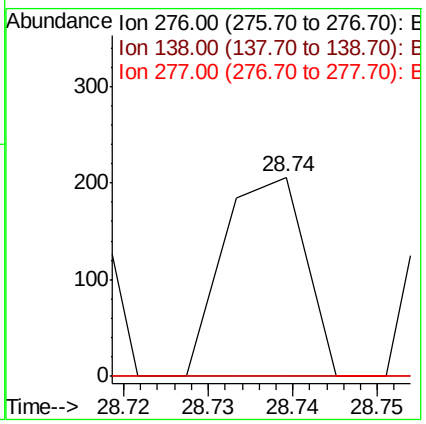


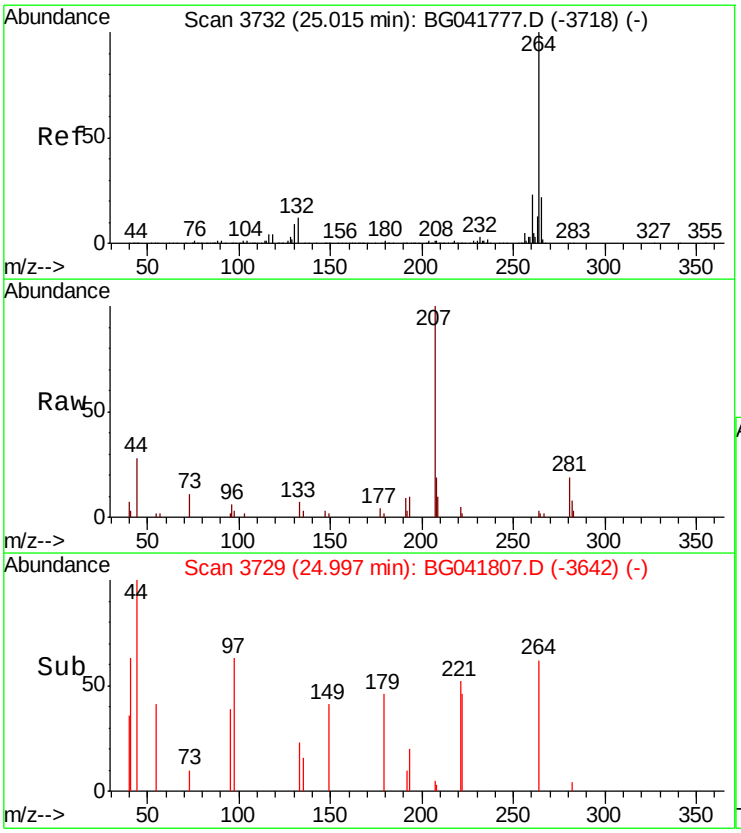
#86
Indeno(1,2,3-cd)pyrene
Concen: 30.636 ng
RT: 28.74 min Scan# 4366
Delta R.T. -0.02 min
Lab File: BG041807.D
Acq: 30 Jul 2019 18:32

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion:276 Resp: 138

Ion	Ratio	Lower	Upper
276	100		
138	0.0	19.4	29.0#
277	0.0	21.2	31.8#

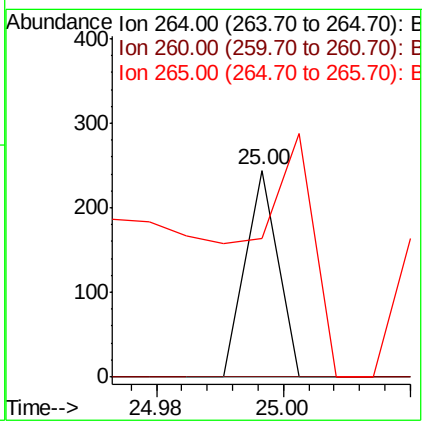


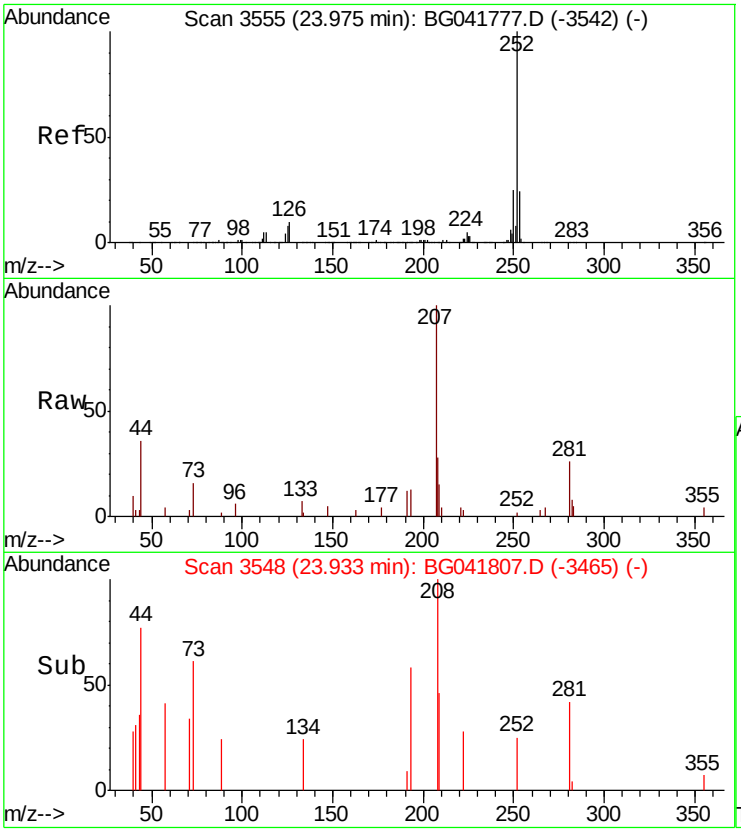


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.00 min Scan# 3729
Delta R.T. -0.02 min
Lab File: BG041807.D
Acq: 30 Jul 2019 18:32

Tgt Ion:264 Resp: 86

Ion	Ratio	Lower	Upper
264	100		
260	0.0	19.5	29.3#
265	67.2	18.0	27.0#



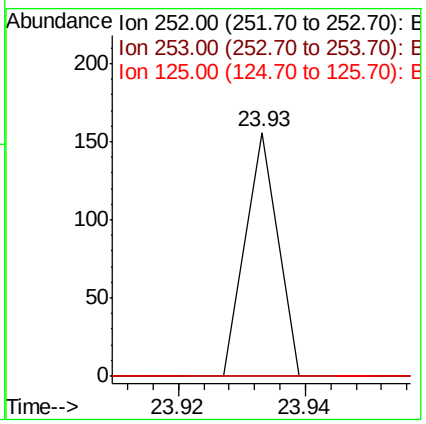


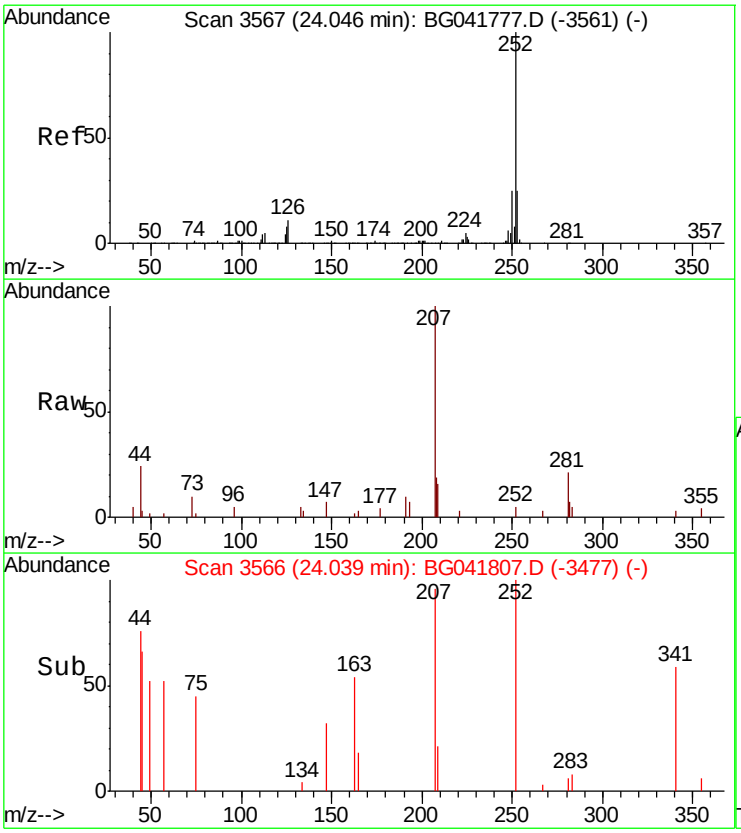
#88
Benzo(b)fluoranthene
Concen: 11.691 ng
RT: 23.93 min Scan# 3548
Delta R.T. -0.04 min
Lab File: BG041807.D
Acq: 30 Jul 2019 18:32

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion:252 Resp: 55

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

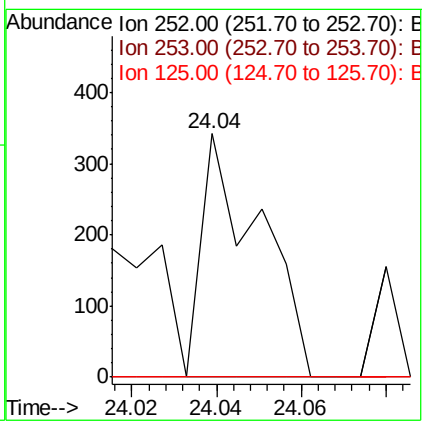


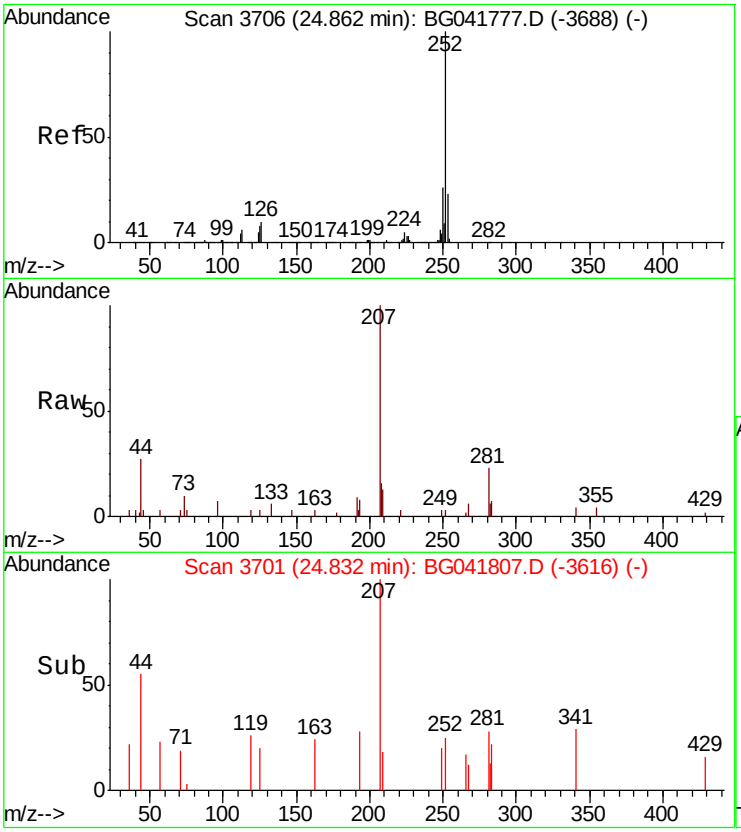


#89
Benzo(k)fluoranthene
Concen: 70.918 ng
RT: 24.04 min Scan# 3566
Delta R.T. -0.01 min
Lab File: BG041807.D
Acq: 30 Jul 2019 18:32

Tgt Ion:252 Resp: 325

Ion	Ratio	Lower	Upper
252	100		
253	0.0	20.5	30.7#
125	0.0	8.4	12.6#



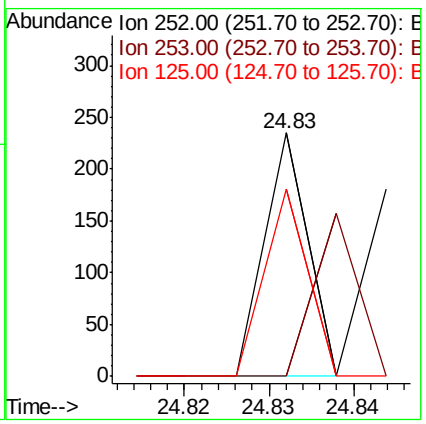


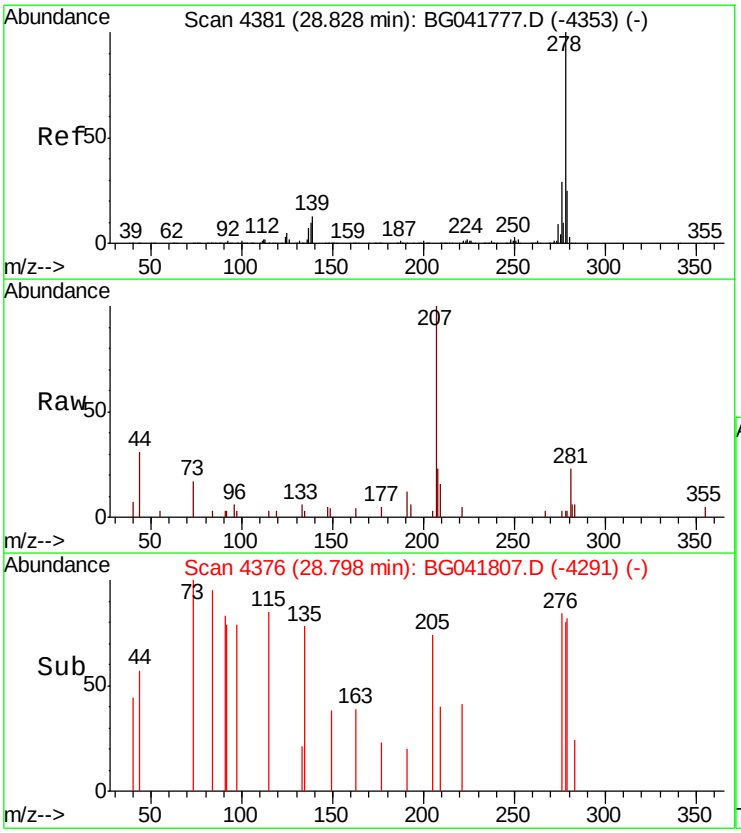
#90
Benzo(a)pyrene
Concen: 18.395 ng
RT: 24.83 min Scan# 3701
Delta R.T. -0.03 min
Lab File: BG041807.D
Acq: 30 Jul 2019 18:32

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion:252 Resp: 83

Ion	Ratio	Lower	Upper
252	100		
253	0.0	19.8	29.8#
125	77.0	8.8	13.2#

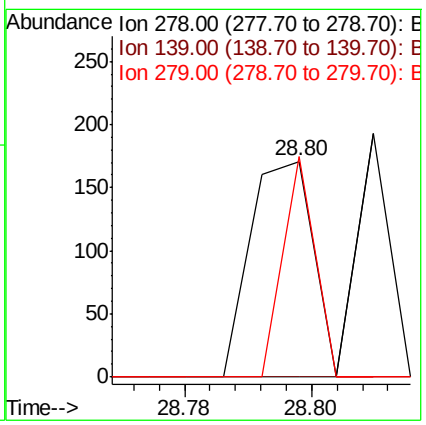


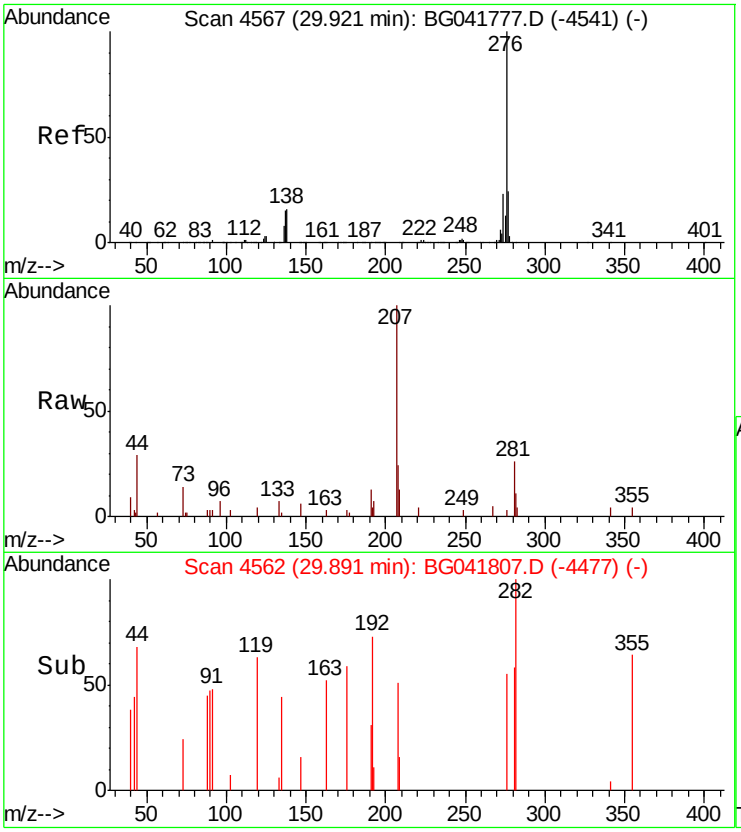


#91
Dibenzo(a,h)anthracene
Concen: 26.408 ng
RT: 28.80 min Scan# 4376
Delta R.T. -0.03 min
Lab File: BG041807.D
Acq: 30 Jul 2019 18:32

Tgt Ion:278 Resp: 117

Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.6	19.0#
279	102.3	20.5	30.7#





#92
Benzo(g,h,i)perylene
Concen: 48.799 ng
RT: 29.89 min Scan# 4562
Delta R.T. -0.03 min
Lab File: BG041807.D
Acq: 30 Jul 2019 18:32

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion:276 Resp: 216

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