Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120315\
Data File : BG019893.D
Acq On : 4 Dec 2015 5:42
Operator : UM/NP
Sample : PB87019BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB87019BS

Quant Time: Dec 04 07:44:35 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 18:50:01 2015
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		-8.14
21) Naphthalene-d8	0.00	136	0	0.00	ng		-10.95
38) Acenaphthene-d10	0.00	164	0	0.00	ng		-14.77
63) Phenanthrene-d10	17.59	188	1671	20.00	ng		0.08
75) Chrysene-d12	22.12	240	508	20.00	ng		0.32
86) Perylene-d12	0.00	264	0	0.00	ng		-25.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	195132	0.00	ng		0.00
7) Phenol-d6	7.27	99	283546	0.00	ng		0.00
23) Nitrobenzene-d5	9.29	82	188156	0.00	ng		-0.01
41) 2,4,6-Tribromophenol	16.23	330	162006	0.00	ng		-0.01
44) 2-Fluorobiphenyl	13.38	172	468579	0.00	ng		-0.01
78) Terphenyl-d14	0.00	244	0	0.00	ng		
Target Compounds							Qvalue
64) 4,6-Dinitro-2-methylphenol	15.86	198	57209	5325.02	ng		91
65) n-Nitrosodiphenylamine	16.00	169	297663	6155.74	ng		98
66) 4-Bromophenyl-phenylether	16.68	248	119490	5754.73	ng		93
67) Hexachlorobenzene	16.80	284	129942	6007.56	ng		96
68) Atrazine	16.95	200	128411	6112.13	ng		98
69) Pentachlorophenol	17.14	266	162957	12908.17	ng		94
70) Phenanthrene	17.63	178	578348	6117.32	ng		97
71) Anthracene	17.63	178	578348	6005.87	ng		96
72) Carbazole	17.89	167	505568	5959.54	ng		98
73) Di-n-butylphthalate	18.45	149	617040	5934.19	ng		99
74) Fluoranthene	19.54	202	711206	5881.33	ng		95
76) Benzidine	20.09	184	16613	995.59	ng	#	94
79) Butylbenzylphthalate	21.10	149	70	5.98	ng	#	23
80) Benzo(a)anthracene	21.82	228	635234	20428.11	ng		96
81) 3,3'-Dichlorobenzidine	21.96	252	186	15.71	ng	#	25
83) Bis(2-ethylhexyl)phthalate	22.02	149	177	10.30	ng	#	50
84) Di-n-octyl phthalate	23.27	149	310	11.09	ng	#	75
85) Indeno(1,2,3-cd)pyrene	29.30	276	83	2.55	ng	#	100

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

Quantitation Report (Not Reviewed)

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Acq On : 4 Dec 2015 5:42
Operator : UM/NP
Sample : PB87019BS
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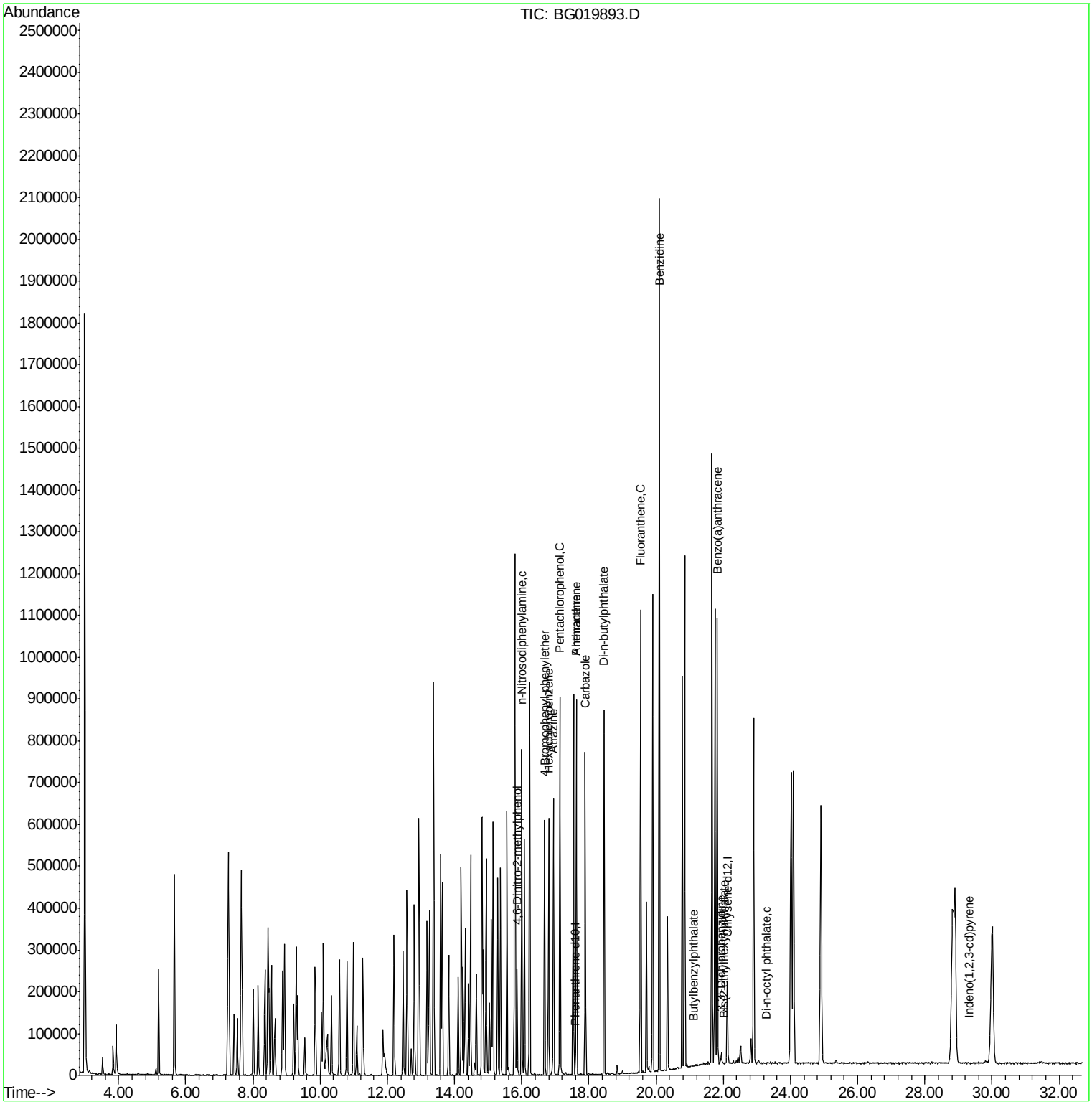
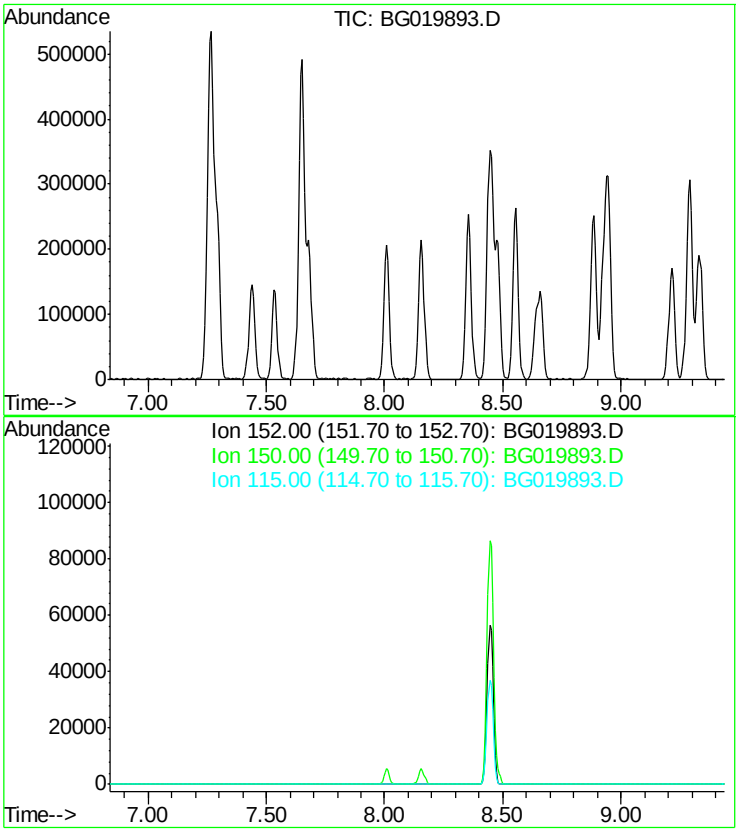




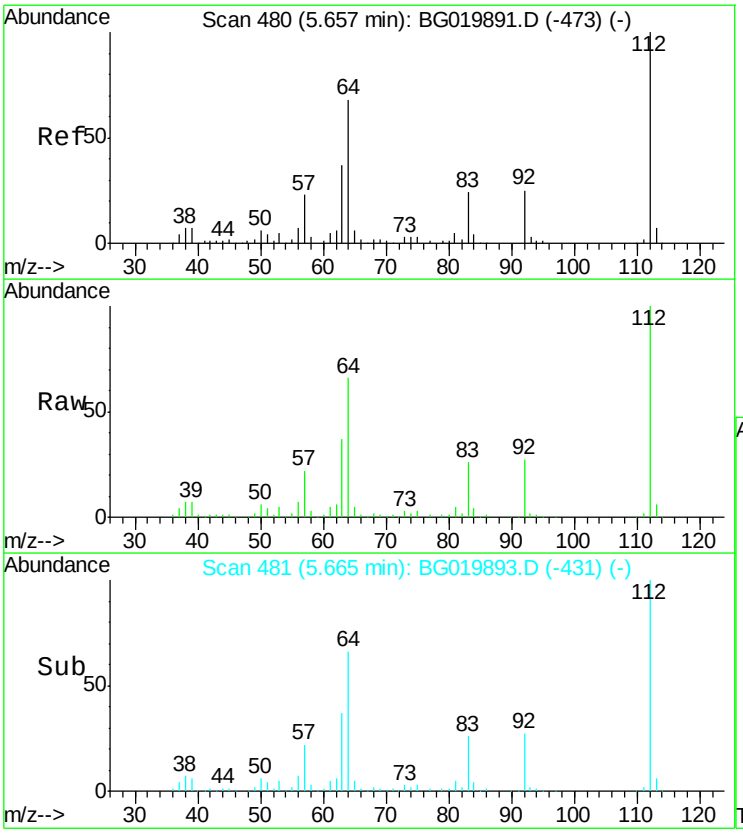
#1
1,4-Dichlorobenzene-d4
Concen: 0.00 ng
Expected RT: 8.14 min

Lab File: BG019893.D
Acq: 4 Dec 2015 5:42

Tgt Ion: 152

Sig	Exp Ratio
152	100
150	143.7
115	54.9

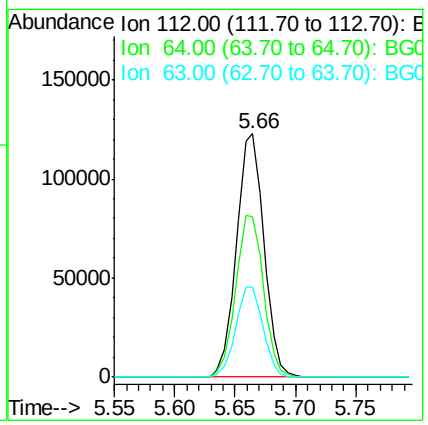
Instrument :
BNA_G
ClientSampleId :
PB87019BS

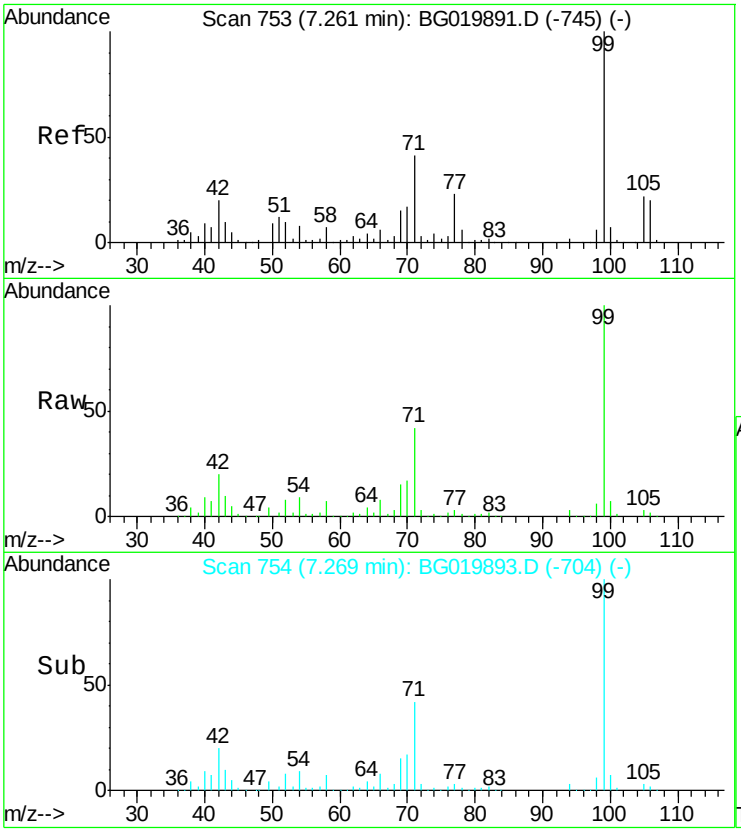


#5
2-Fluorophenol
Concen: 0.00 ng
RT: 5.66 min Scan# 481
Delta R.T. -0.00 min
Lab File: BG019893.D
Acq: 4 Dec 2015 5:42

Tgt Ion:112 Resp: 195132

Ion	Ratio	Lower	Upper
112	100		
64	65.7	43.7	65.5#
63	36.9	24.0	36.0#



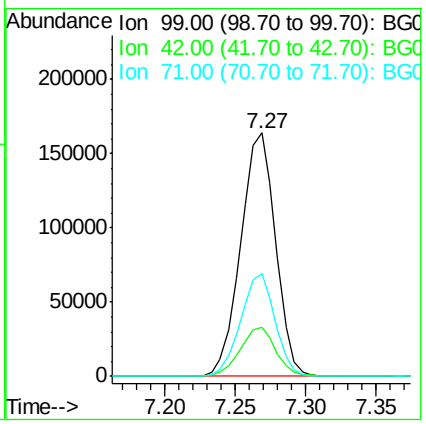


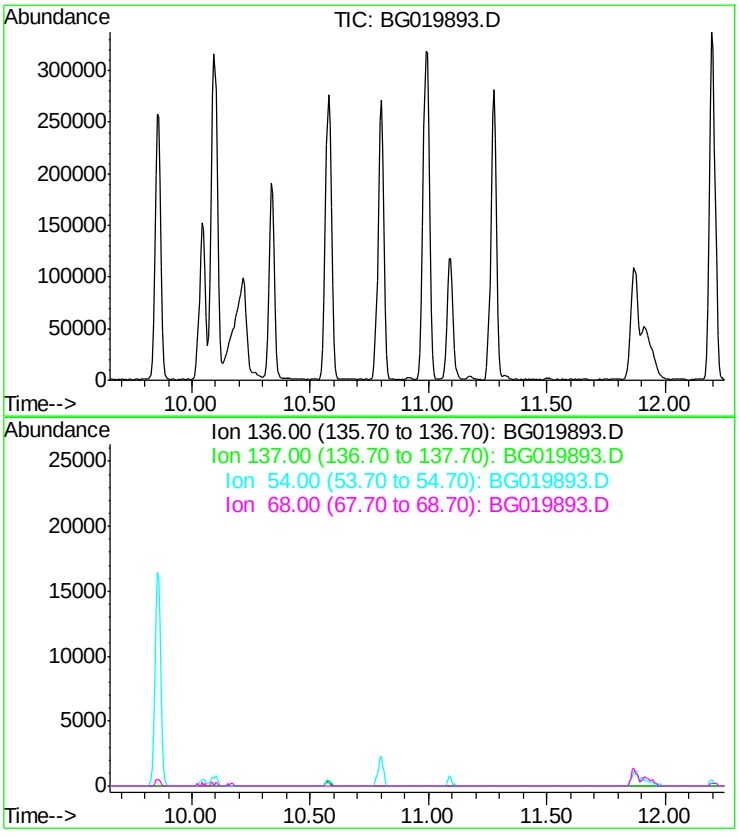
#7
Phenol-d6
Concen: 0.00 ng
RT: 7.27 min Scan# 754
Delta R.T. -0.01 min
Lab File: BG019893.D
Acq: 4 Dec 2015 5:42

Instrument :
BNA_G
ClientSampleId :
PB87019BS

Tgt Ion: 99 Resp: 283546

Ion	Ratio	Lower	Upper
99	100		
42	20.2	11.5	17.3#
71	42.0	22.6	34.0#



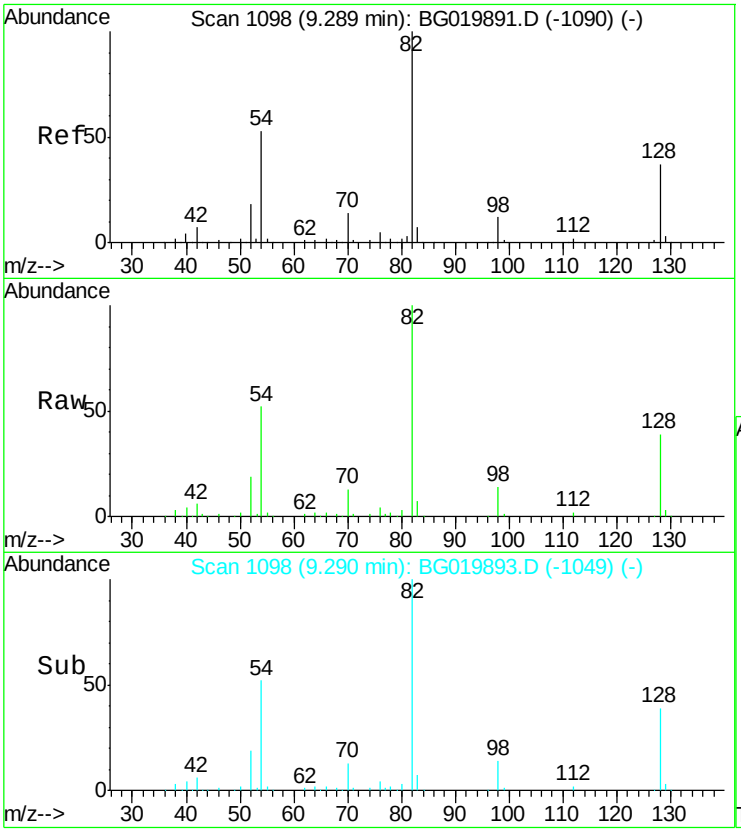


#21
Naphthalene-d8
Concen: 0.00 ng
Expected RT: 10.95 min

Lab File: BG019893.D
Acq: 4 Dec 2015 5:42

Tgt Ion: 136

Sig	Exp Ratio
136	100
137	10.7
54	6.8
68	6.6

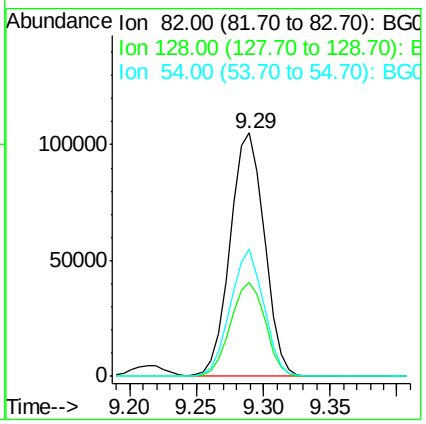


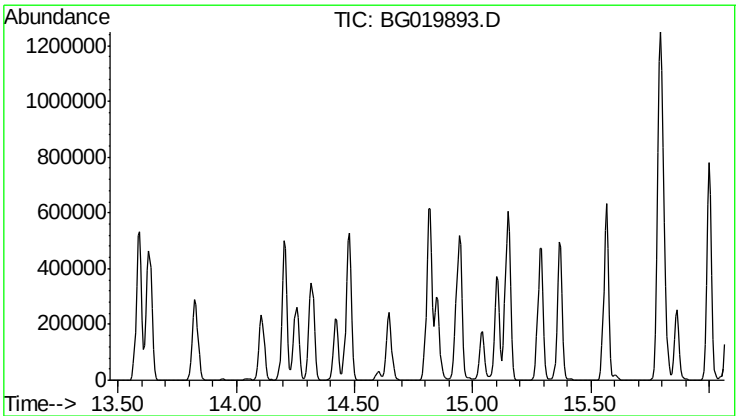
#23
Nitrobenzene-d5
Concen: 0.00 ng
RT: 9.29 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BG019893.D
Acq: 4 Dec 2015 5:42

Instrument :
BNA_G
ClientSampleId :
PB87019BS

Tgt Ion: 82 Resp: 188156

Ion	Ratio	Lower	Upper
82	100		
128	38.6	36.7	55.1
54	52.0	33.8	50.8#



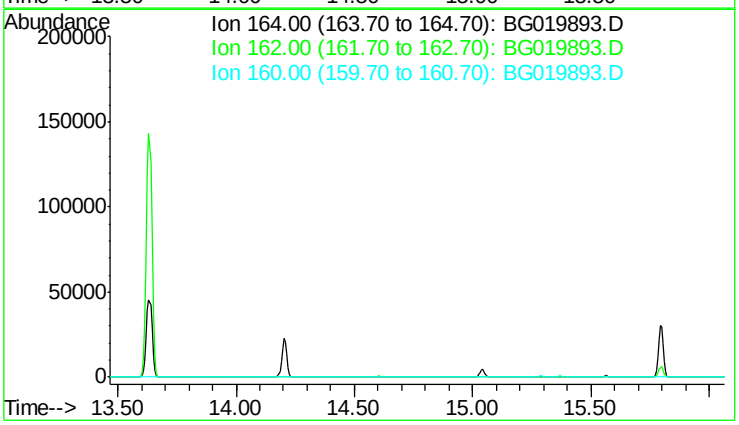


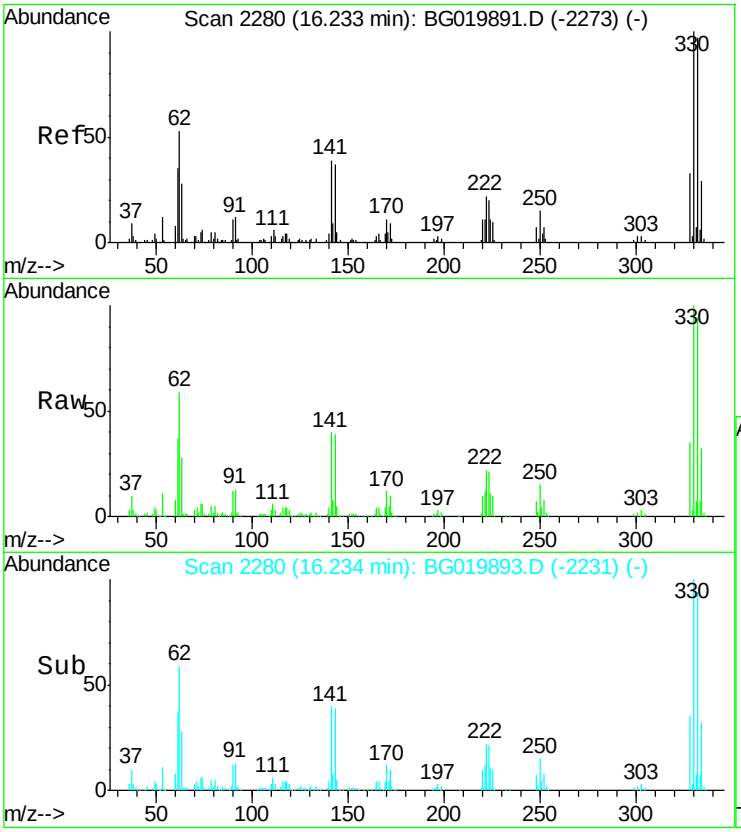
#38
Acenaphthene-d10
Concen: 0.00 ng
Expected RT: 14.77 min

Lab File: BG019893.D
Acq: 4 Dec 2015 5:42

Tgt Ion: 164

Sig	Exp Ratio
164	100
162	98.5
160	45.5



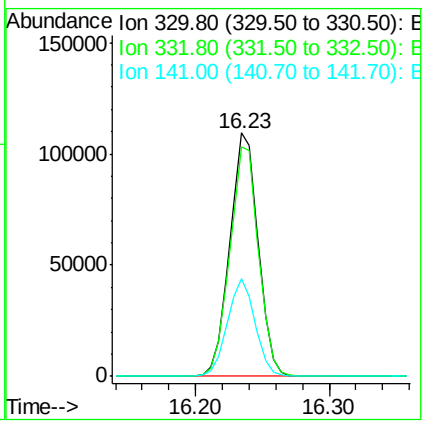


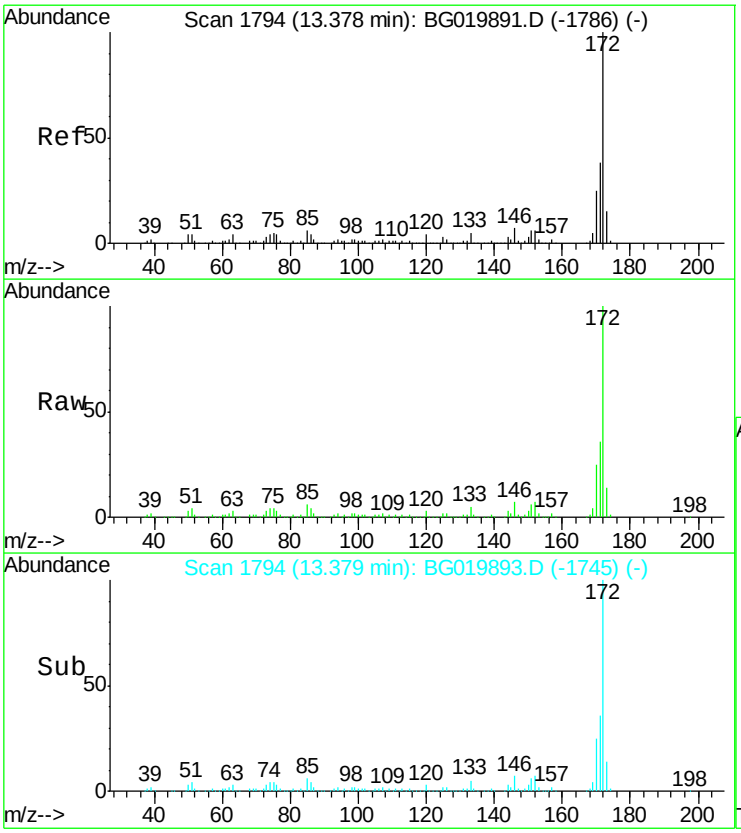
#41
2,4,6-Tribromophenol
Concen: 0.00 ng
RT: 16.23 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BG019893.D
Acq: 4 Dec 2015 5:42

Instrument :
BNA_G
ClientSampleId :
PB87019BS

Tgt Ion:330 Resp: 162006

Ion	Ratio	Lower	Upper
330	100		
332	95.7	78.1	117.1
141	39.2	28.2	42.2

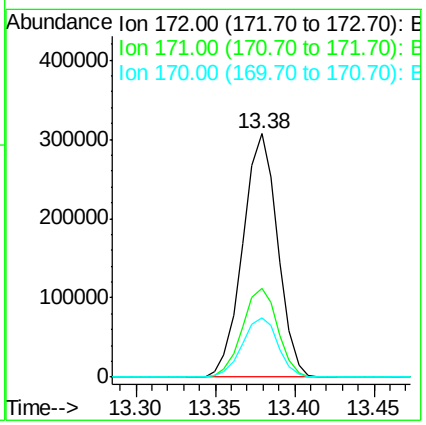


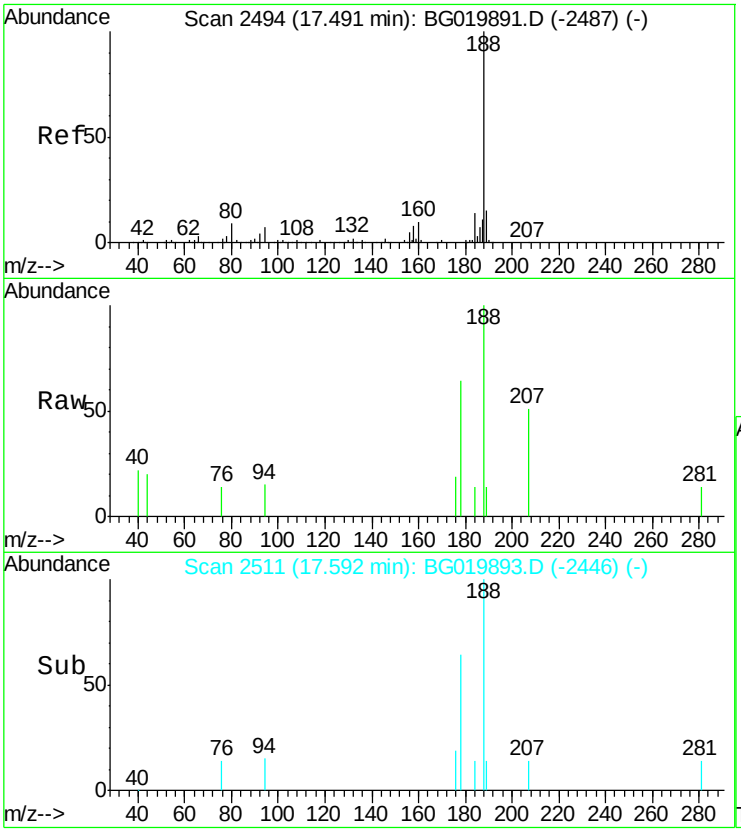


#44
2-Fluorobiphenyl
Concen: 0.00 ng
RT: 13.38 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BG019893.D
Acq: 4 Dec 2015 5:42

Tgt Ion:172 Resp: 468579

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.6
170	24.5	19.9	29.9



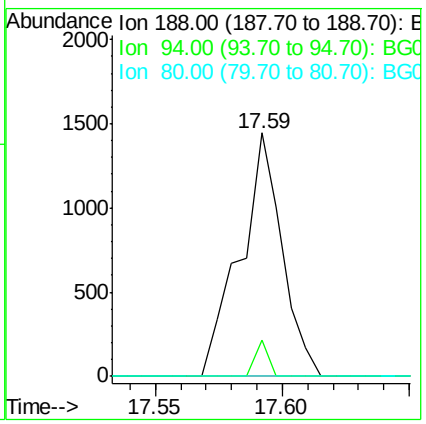


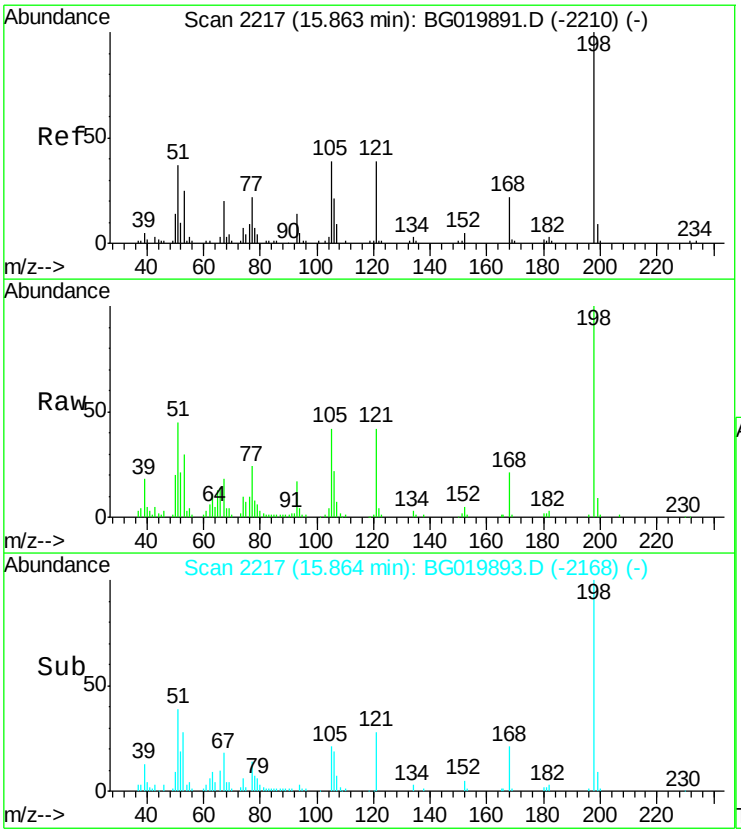
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.59 min Scan# 2511
Delta R.T. 0.08 min
Lab File: BG019893.D
Acq: 4 Dec 2015 5:42

Instrument :
BNA_G
ClientSampleId :
PB87019BS

Tgt Ion:188 Resp: 1671

Ion	Ratio	Lower	Upper
188	100		
94	14.7	7.7	11.5#
80	0.0	7.8	11.8#

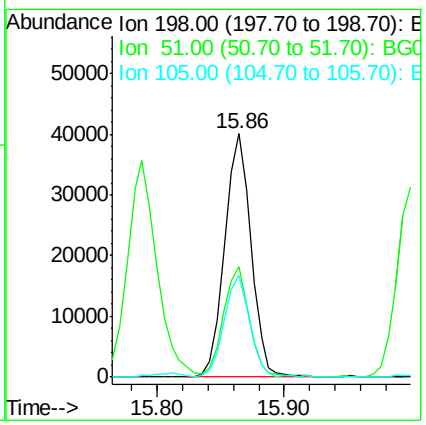


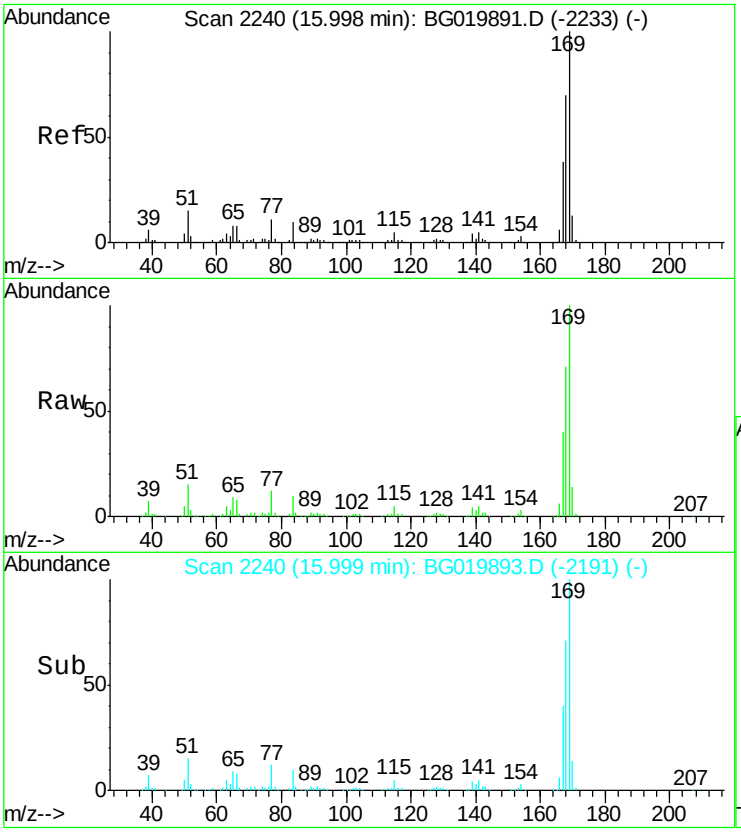


#64
4,6-Dinitro-2-methylphenol
Concen: 5325.02 ng
RT: 15.86 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BG019893.D
Acq: 4 Dec 2015 5:42

Tgt Ion:198 Resp: 57209

Ion	Ratio	Lower	Upper
198	100		
51	45.1	14.2	54.2
105	41.9	21.1	61.1



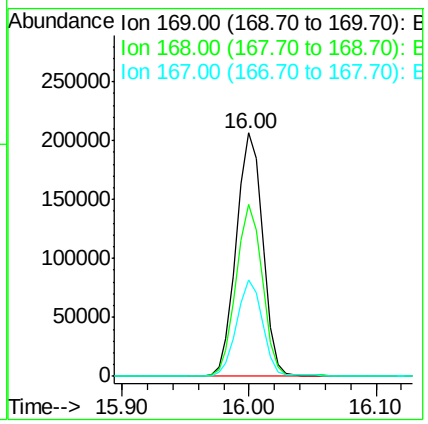


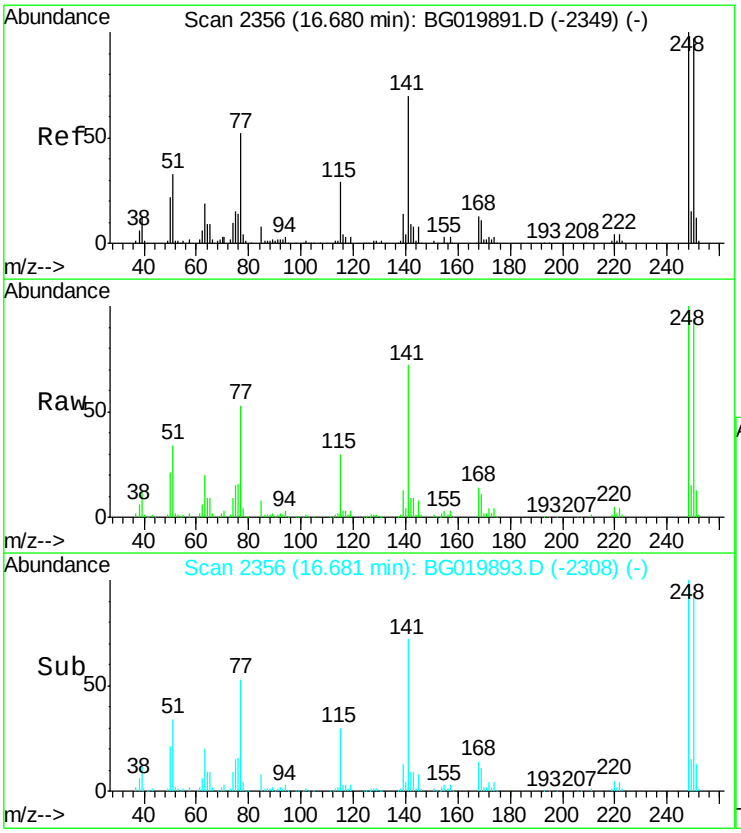
#65
n-Nitrosodiphenylamine
Concen: 6155.74 ng
RT: 16.00 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BG019893.D
Acq: 4 Dec 2015 5:42

Instrument :
BNA_G
ClientSampleId :
PB87019BS

Tgt Ion:169 Resp: 297663

Ion	Ratio	Lower	Upper
169	100		
168	70.6	58.2	87.2
167	39.6	32.7	49.1

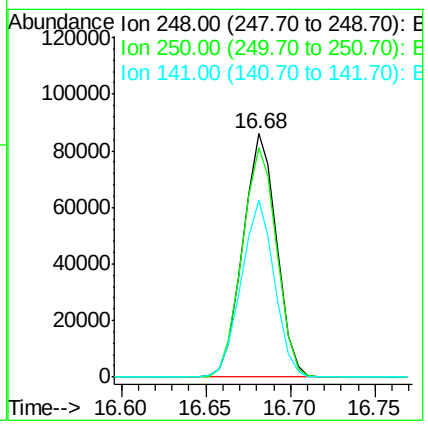


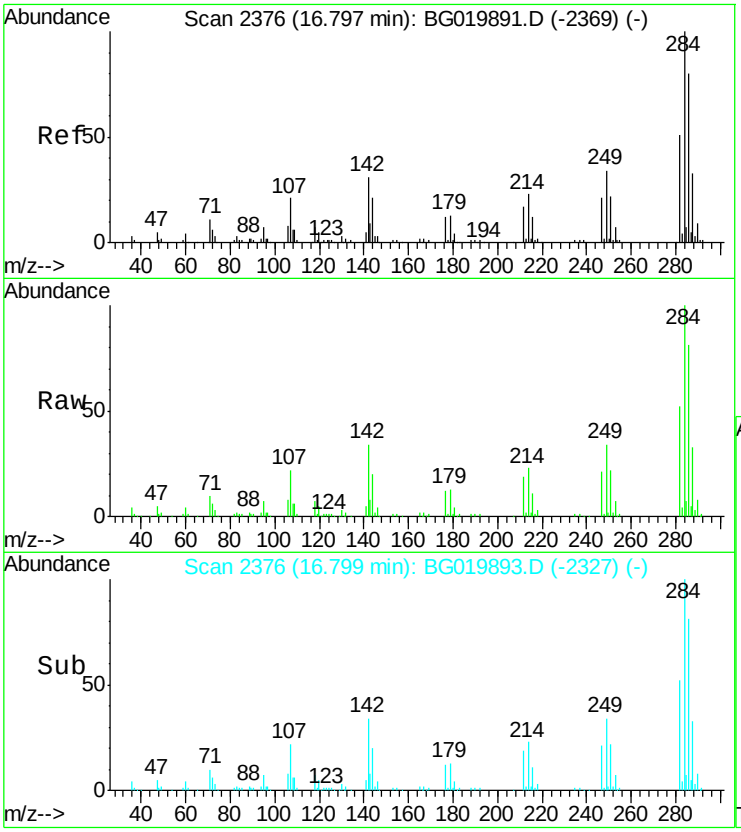


#66
4-Bromophenyl-phenylether
Concen: 5754.73 ng
RT: 16.68 min Scan# 2356
Delta R.T. -0.02 min
Lab File: BG019893.D
Acq: 4 Dec 2015 5:42

Tgt Ion:248 Resp: 119490

Ion	Ratio	Lower	Upper
248	100		
250	94.4	77.8	116.8
141	72.5	50.4	75.6



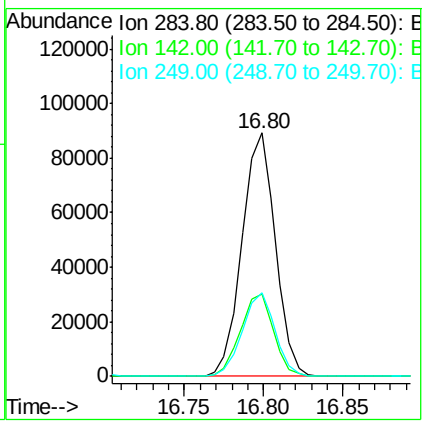


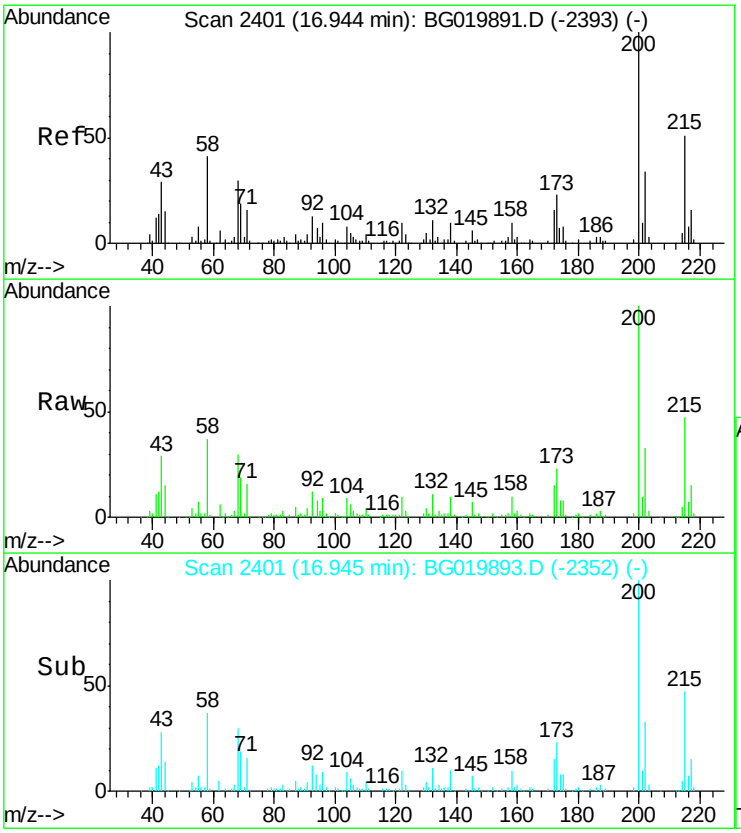
#67
Hexachlorobenzene
Concen: 6007.56 ng
RT: 16.80 min Scan# 2376
Delta R.T. -0.01 min
Lab File: BG019893.D
Acq: 4 Dec 2015 5:42

Instrument :
BNA_G
ClientSampleId :
PB87019BS

Tgt Ion:284 Resp: 129942

Ion	Ratio	Lower	Upper
284	100		
142	33.8	26.6	39.8
249	36.6	26.2	39.2

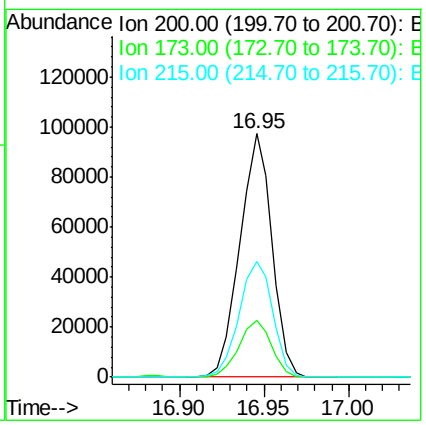


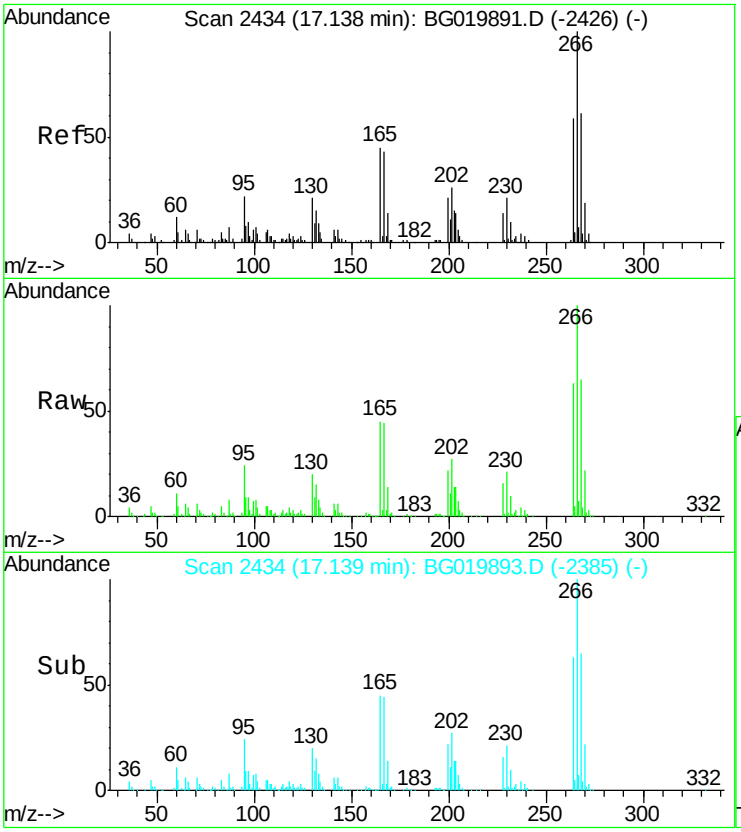


#68
Atrazine
Concen: 6112.13 ng
RT: 16.95 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BG019893.D
Acq: 4 Dec 2015 5:42

Tgt Ion:200 Resp: 128411

Ion	Ratio	Lower	Upper
200	100		
173	23.1	5.2	45.2
215	47.4	27.0	67.0



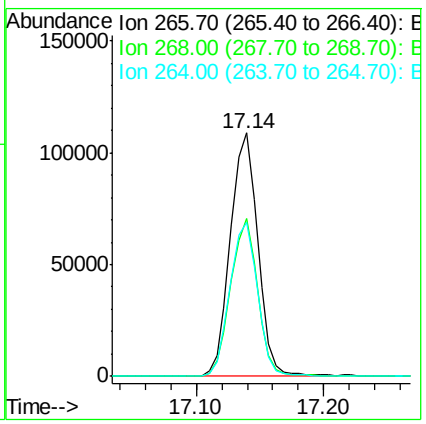


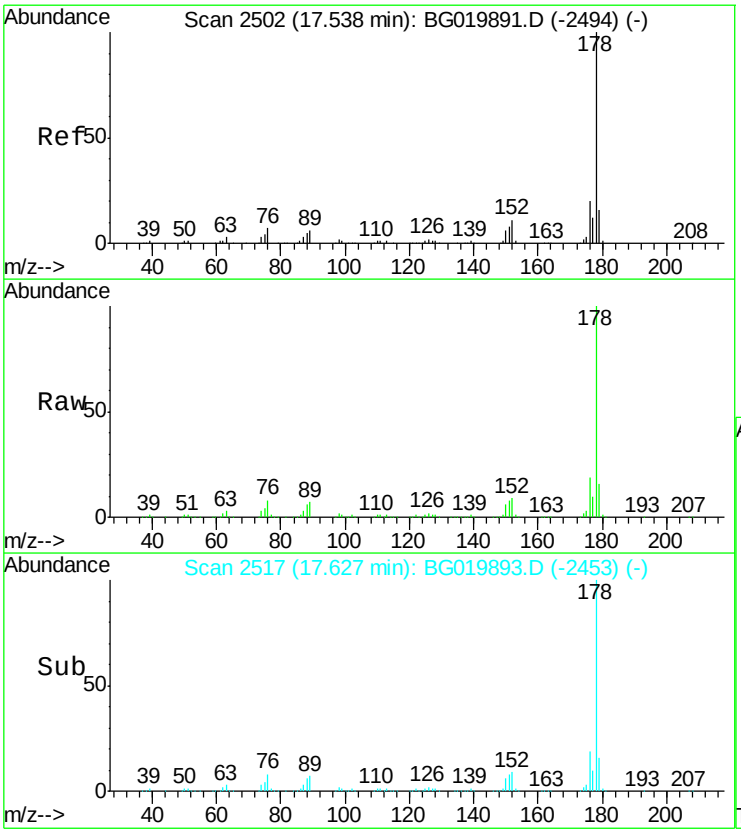
#69
Pentachlorophenol
Concen: 12908.17 ng
RT: 17.14 min Scan# 2434
Delta R.T. -0.01 min
Lab File: BG019893.D
Acq: 4 Dec 2015 5:42

Instrument :
BNA_G
ClientSampleId :
PB87019BS

Tgt Ion:266 Resp: 162957

Ion	Ratio	Lower	Upper
266	100		
268	64.7	47.6	71.4
264	63.3	48.1	72.1

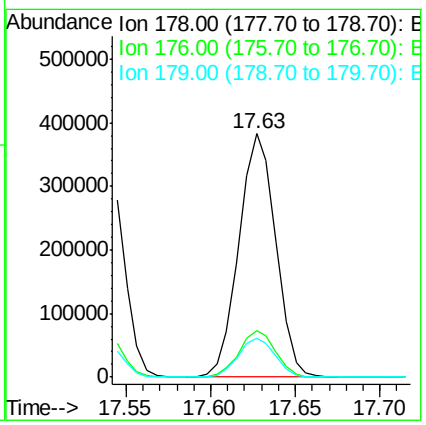


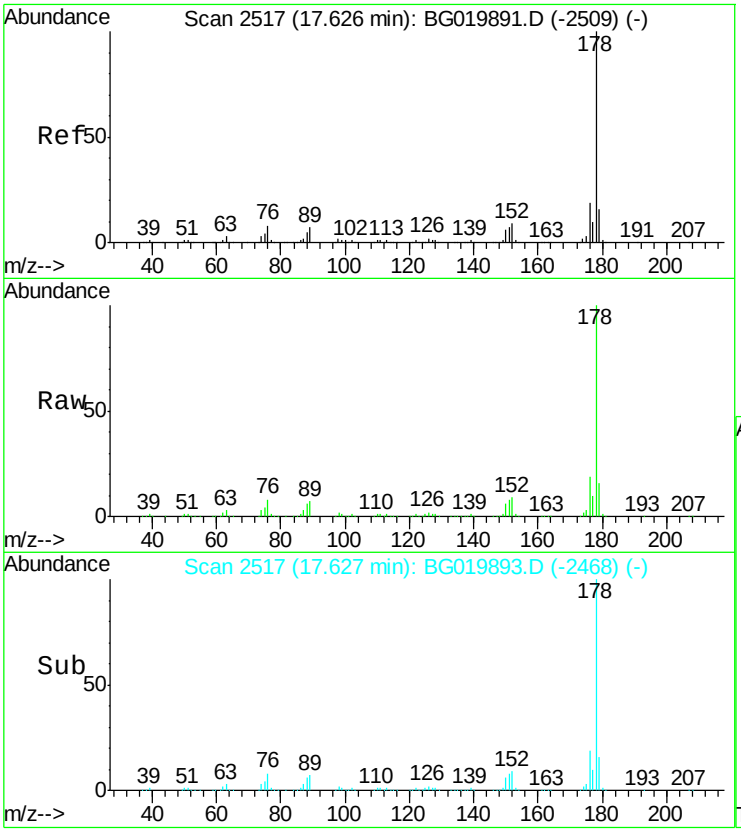


#70
Phenanthrene
Concen: 6117.32 ng
RT: 17.63 min Scan# 2517
Delta R.T. 0.08 min
Lab File: BG019893.D
Acq: 4 Dec 2015 5:42

Tgt Ion:178 Resp: 578348

Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.7	25.1
179	16.2	13.9	20.9



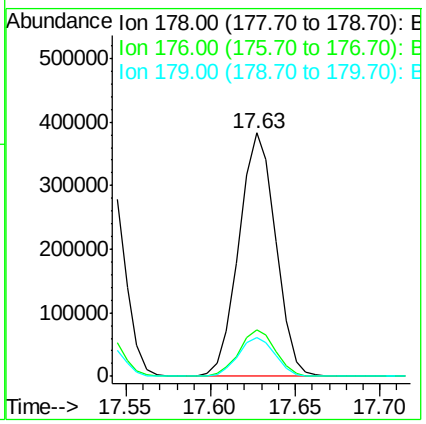


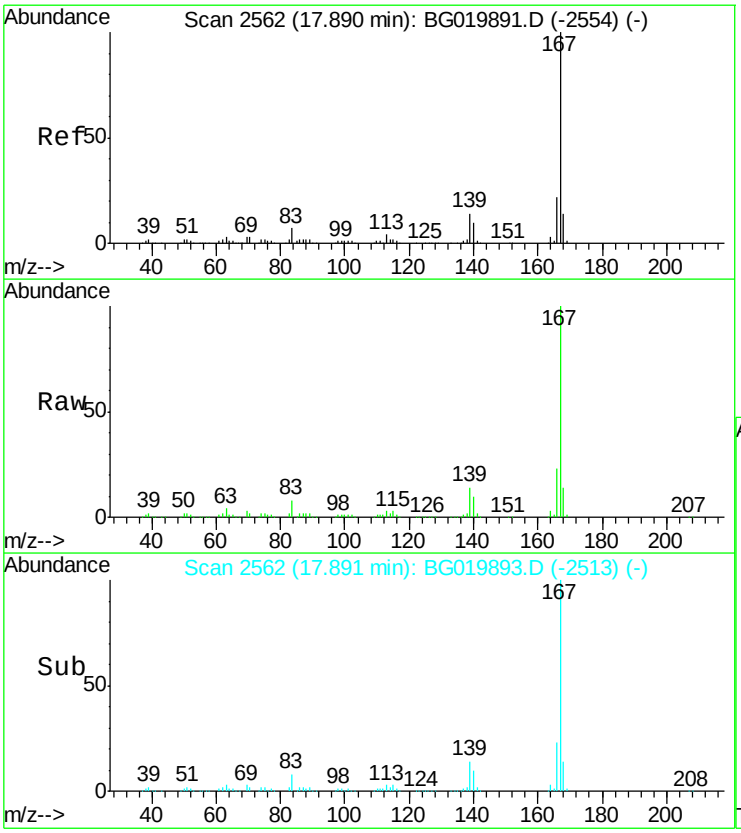
#71
Anthracene
Concen: 6005.87 ng
RT: 17.63 min Scan# 2517
Delta R.T. -0.01 min
Lab File: BG019893.D
Acq: 4 Dec 2015 5:42

Instrument :
BNA_G
ClientSampleId :
PB87019BS

Tgt Ion:178 Resp: 578348

Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.8	25.2
179	16.2	13.9	20.9

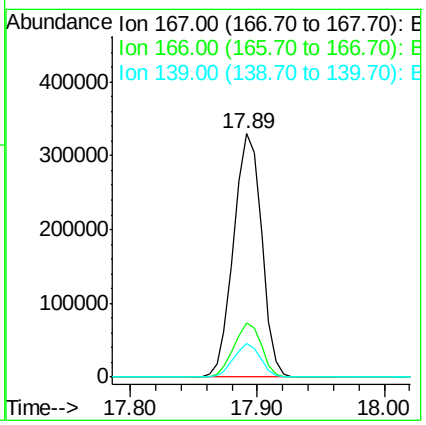


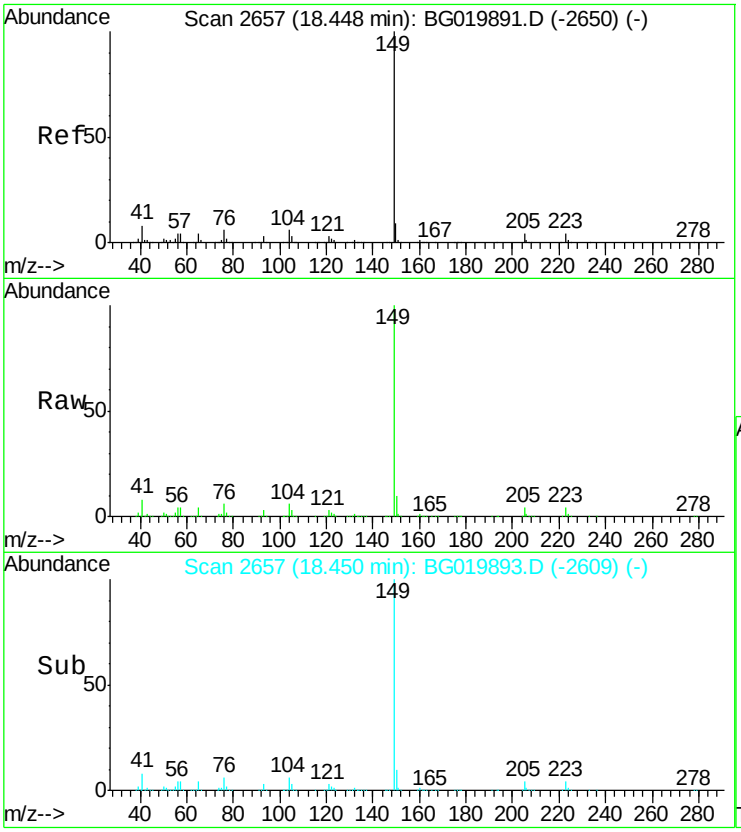


#72
Carbazole
Concen: 5959.54 ng
RT: 17.89 min Scan# 2562
Delta R.T. -0.01 min
Lab File: BG019893.D
Acq: 4 Dec 2015 5:42

Tgt Ion:167 Resp: 505568

Ion	Ratio	Lower	Upper
167	100		
166	22.5	19.0	28.6
139	13.6	10.2	15.4



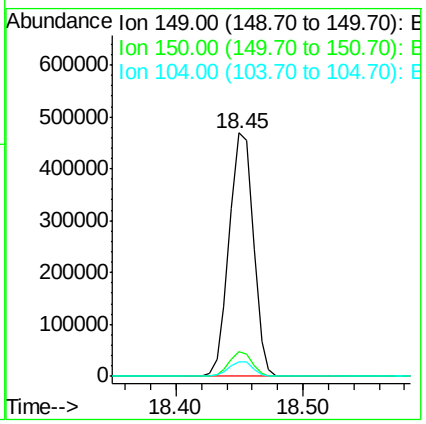


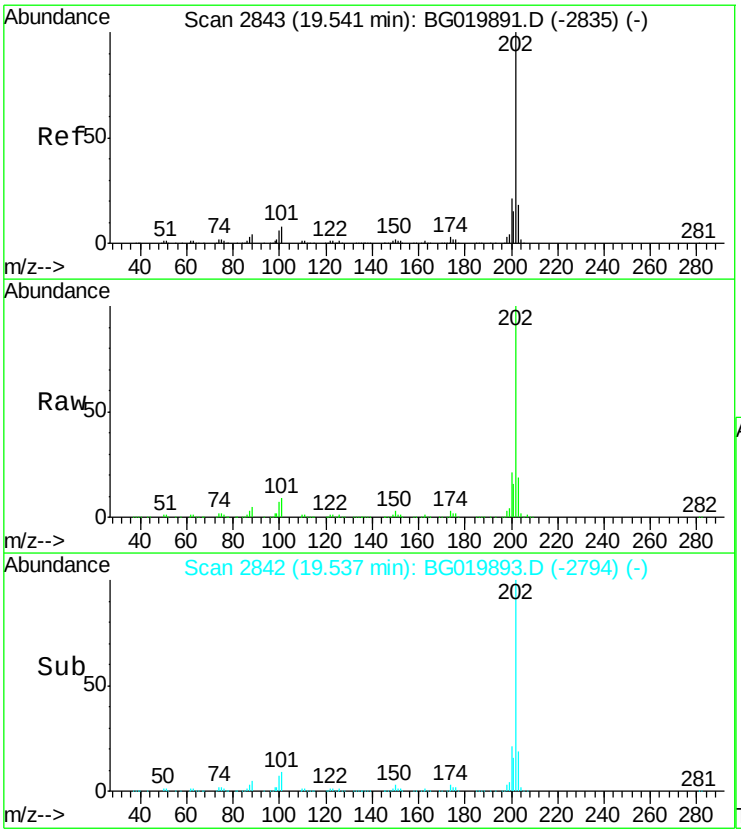
#73
Di-n-butylphthalate
Concen: 5934.19 ng
RT: 18.45 min Scan# 2657
Delta R.T. -0.02 min
Lab File: BG019893.D
Acq: 4 Dec 2015 5:42

Instrument :
BNA_G
ClientSampleId :
PB87019BS

Tgt Ion:149 Resp: 617040

Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.2	12.4
104	6.2	4.4	6.6

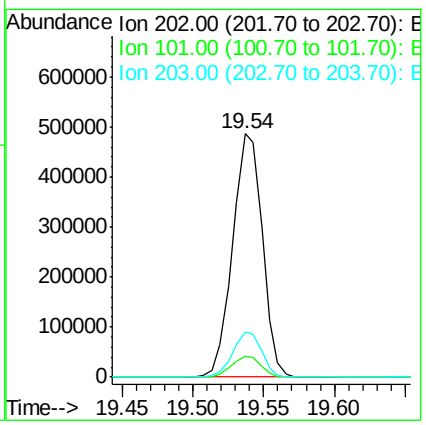


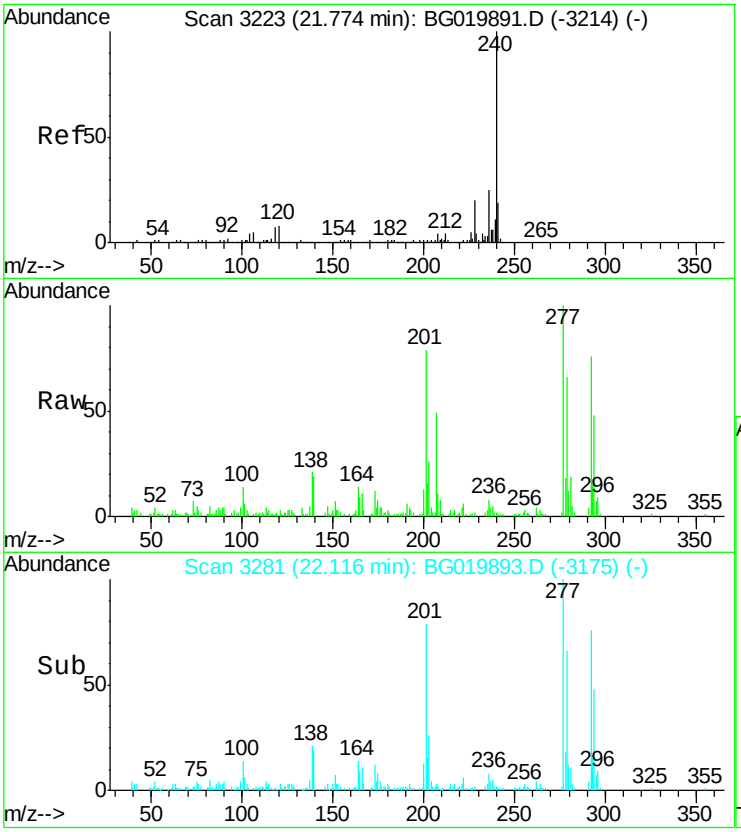


#74
Fluoranthene
Concen: 5881.33 ng
RT: 19.54 min Scan# 2842
Delta R.T. -0.02 min
Lab File: BG019893.D
Acq: 4 Dec 2015 5:42

Tgt Ion:202 Resp: 711206

Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	32.4
203	18.8	0.0	39.5



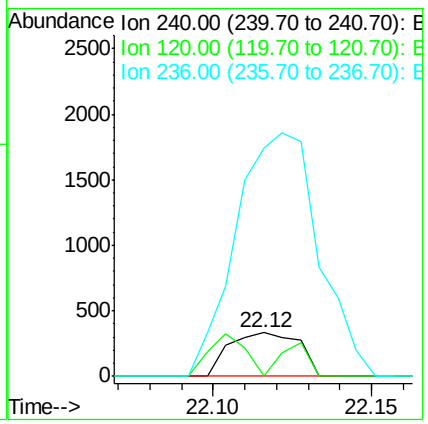


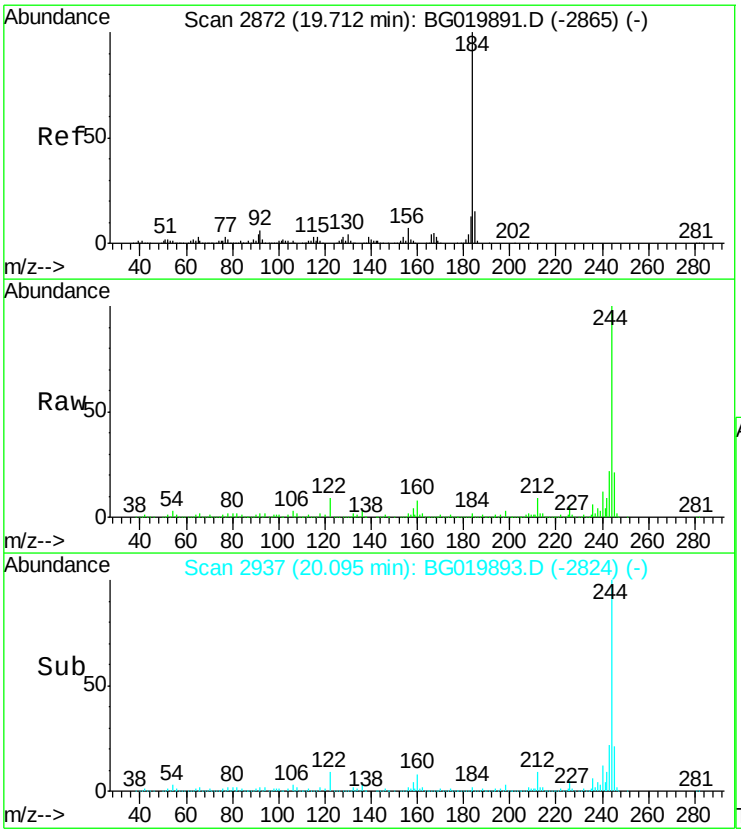
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.12 min Scan# 3281
Delta R.T. 0.32 min
Lab File: BG019893.D
Acq: 4 Dec 2015 5:42

Instrument :
BNA_G
ClientSampleId :
PB87019BS

Tgt Ion:240 Resp: 508

Ion	Ratio	Lower	Upper
240	100		
120	0.0	7.4	11.0#
236	526.9	20.7	31.1#

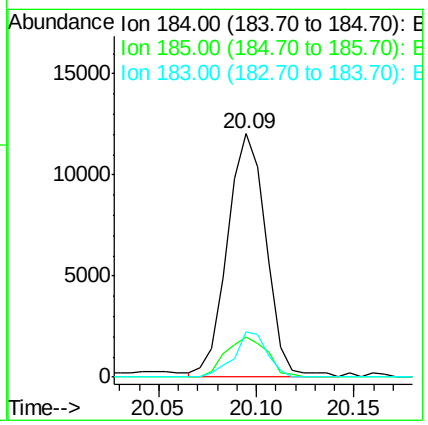


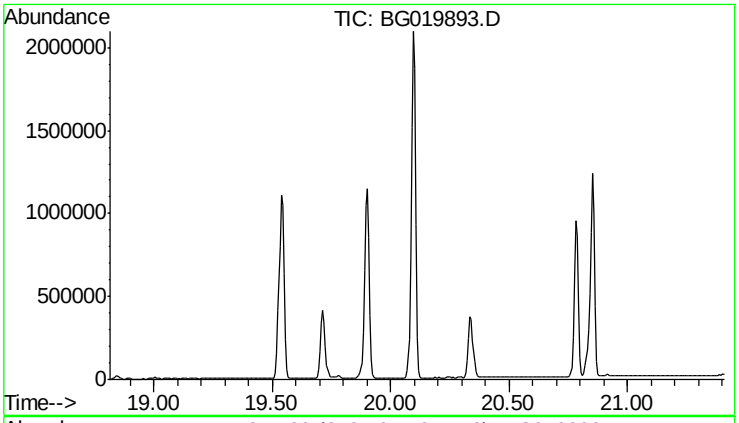


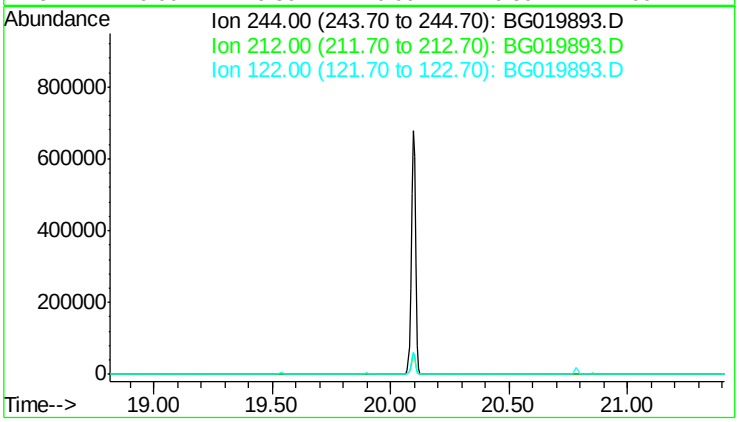
#76
Benzidine
Concen: 995.59 ng
RT: 20.09 min Scan# 2937
Delta R.T. 0.36 min
Lab File: BG019893.D
Acq: 4 Dec 2015 5:42

Tgt Ion:184 Resp: 16613

Ion	Ratio	Lower	Upper
184	100		
185	16.6	13.4	20.2
183	18.4	10.1	15.1#







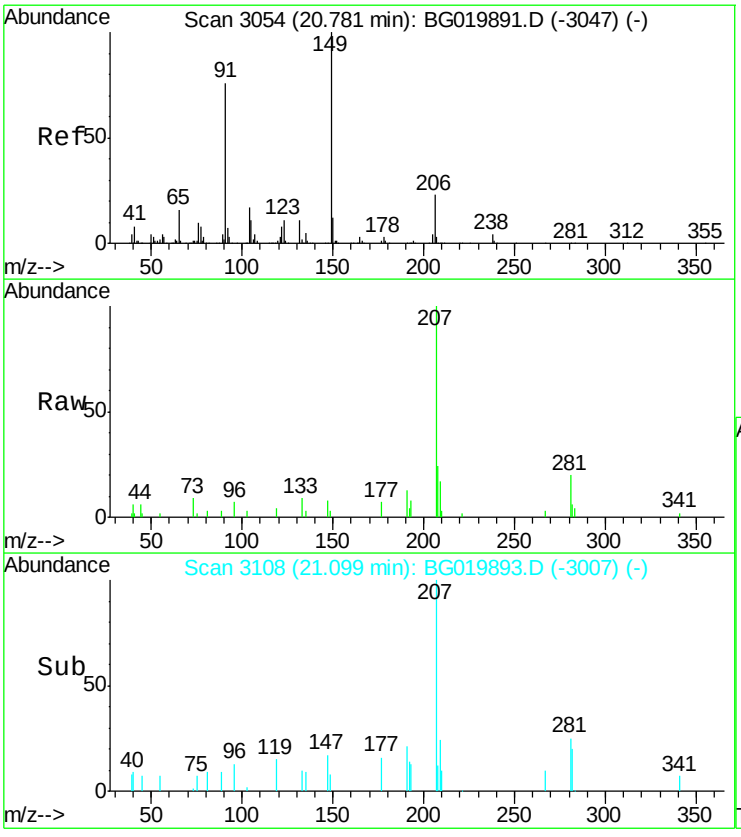
#78
Terphenyl-d14
Concen: 0.00 ng
Expected RT: 20.11 min

Lab File: BG019893.D
Acq: 4 Dec 2015 5:42

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	8.6
122	12.7

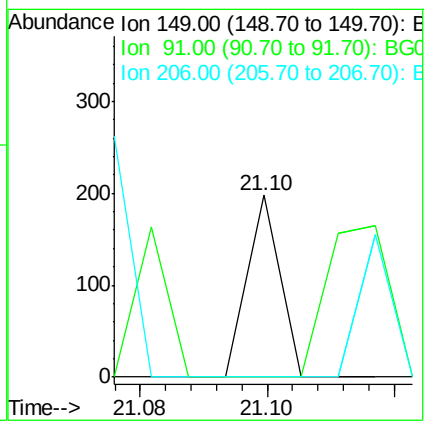
Instrument :
BNA_G
ClientSampleId :
PB87019BS

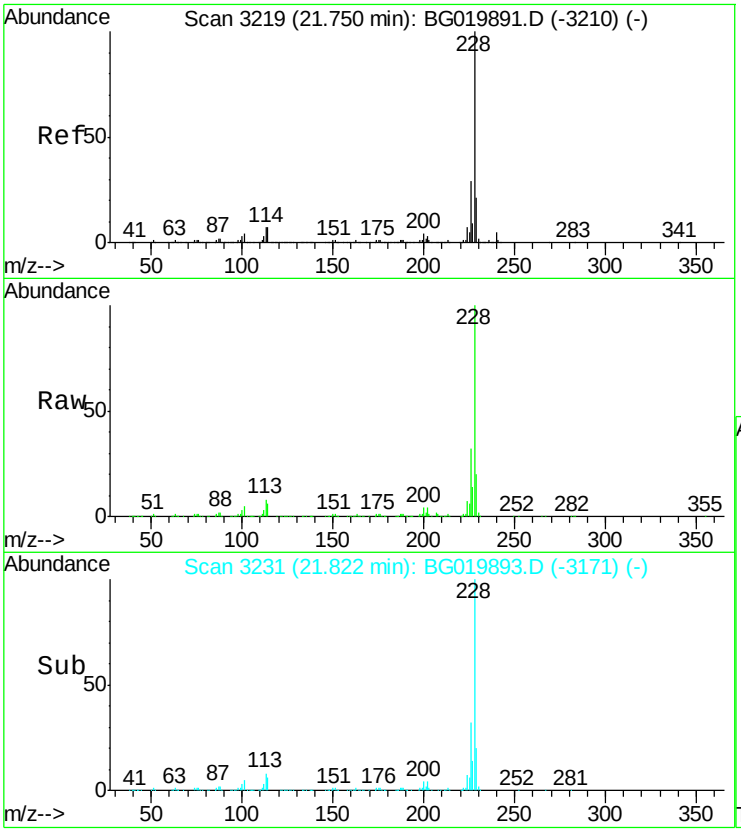


#79
Butylbenzylphthalate
Concen: 5.98 ng
RT: 21.10 min Scan# 3108
Delta R.T. 0.29 min
Lab File: BG019893.D
Acq: 4 Dec 2015 5:42

Tgt Ion:149 Resp: 70

Ion	Ratio	Lower	Upper
149	100		
91	0.0	58.1	87.1#
206	0.0	17.8	26.8#



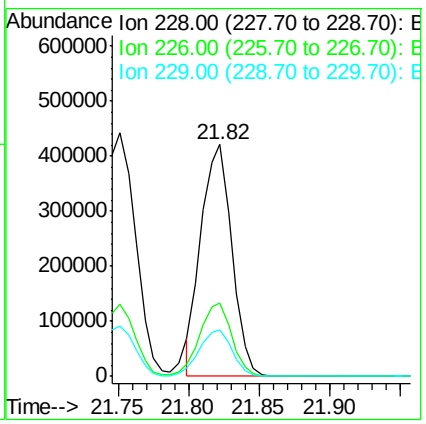


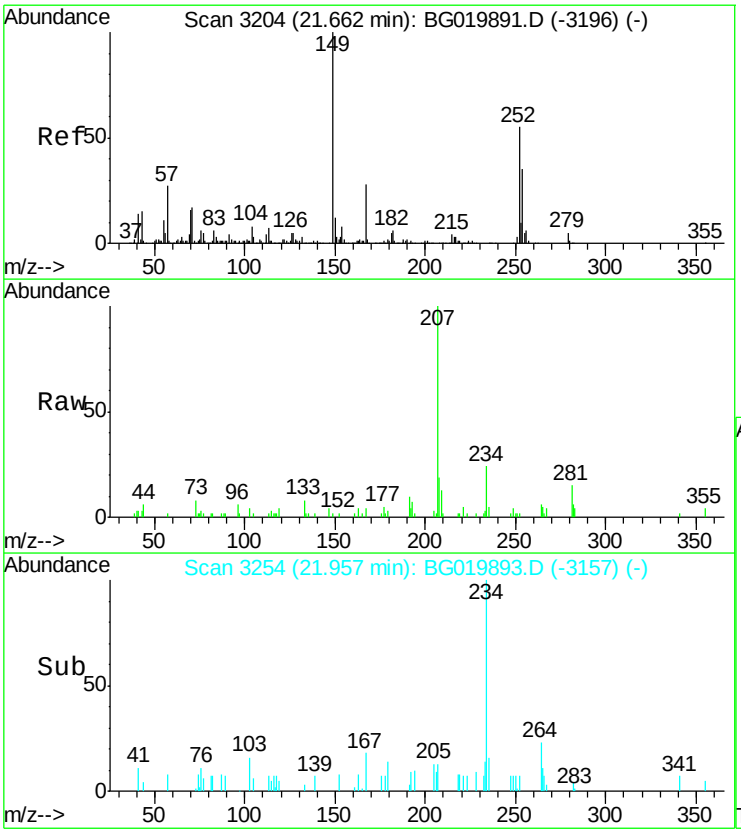
#80
Benzo(a)anthracene
Concen: 20428.11 ng
RT: 21.82 min Scan# 3231
Delta R.T. 0.05 min
Lab File: BG019893.D
Acq: 4 Dec 2015 5:42

Instrument :
BNA_G
ClientSampleId :
PB87019BS

Tgt Ion:228 Resp: 635234

Ion	Ratio	Lower	Upper
228	100		
226	31.7	23.4	35.0
229	19.8	16.6	25.0

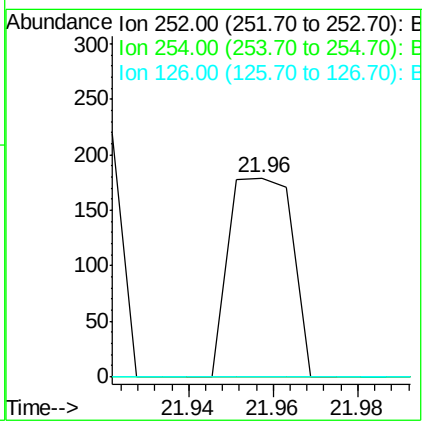


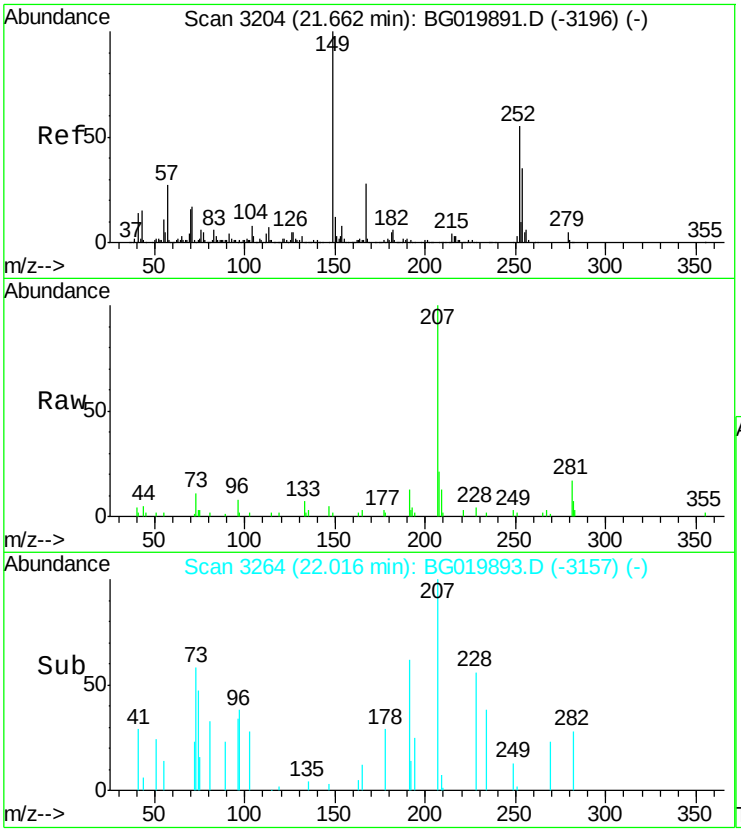


#81
3,3'-Dichlorobenzidine
Concen: 15.71 ng
RT: 21.96 min Scan# 3254
Delta R.T. 0.27 min
Lab File: BG019893.D
Acq: 4 Dec 2015 5:42

Tgt Ion:252 Resp: 186

Ion	Ratio	Lower	Upper
252	100		
254	0.0	52.5	78.7#
126	0.0	8.5	12.7#



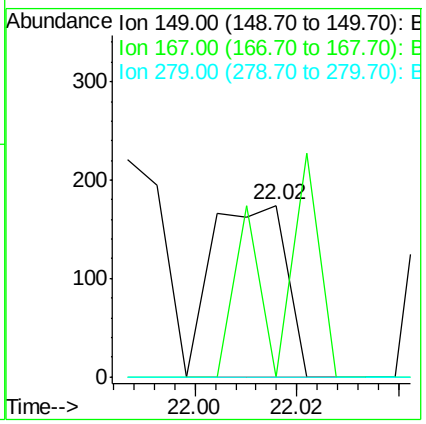


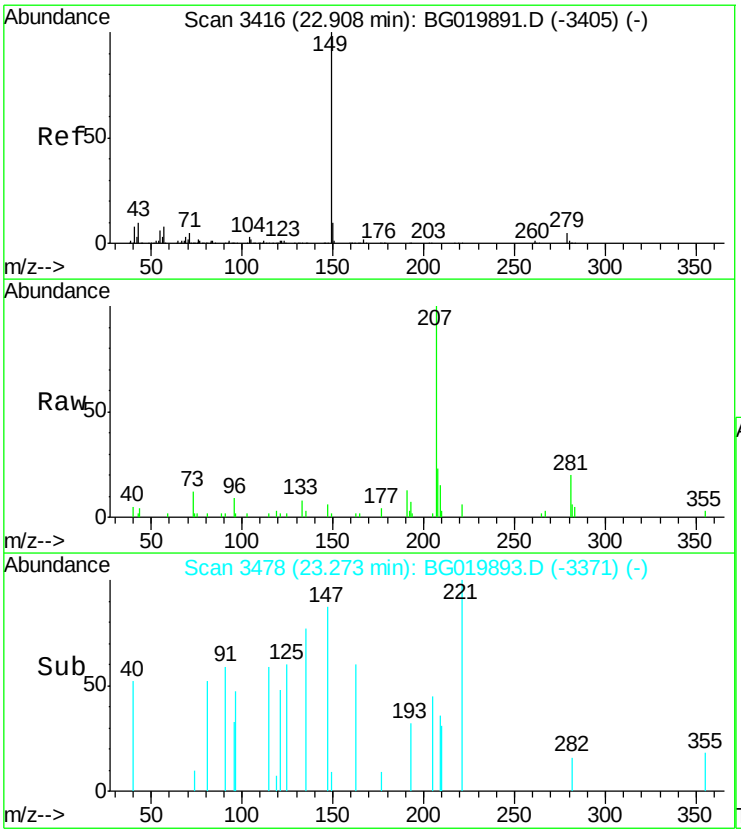
#83
Bis(2-ethylhexyl)phthalate
Concen: 10.30 ng
RT: 22.02 min Scan# 3264
Delta R.T. 0.33 min
Lab File: BG019893.D
Acq: 4 Dec 2015 5:42

Instrument :
BNA_G
ClientSampleId :
PB87019BS

Tgt Ion:149 Resp: 177

Ion	Ratio	Lower	Upper
149	100		
167	0.0	23.8	35.8#
279	0.0	3.4	5.2#

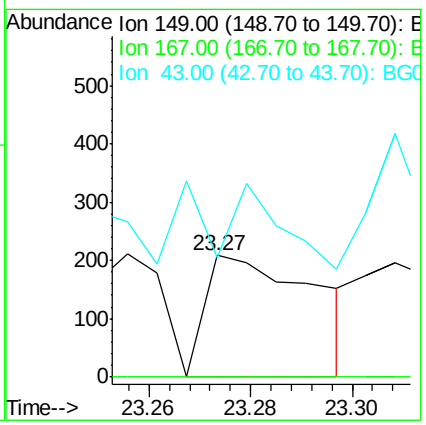


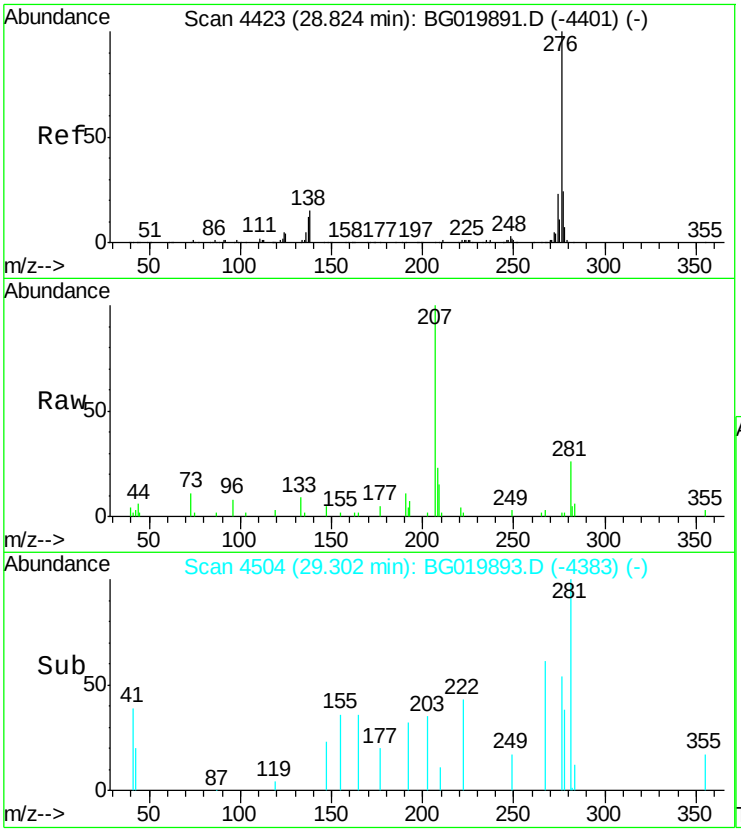


#84
Di-n-octyl phthalate
Concen: 11.09 ng
RT: 23.27 min Scan# 3478
Delta R.T. 0.33 min
Lab File: BG019893.D
Acq: 4 Dec 2015 5:42

Tgt Ion:149 Resp: 310

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.2	1.8#
43	17.4	5.9	8.9#



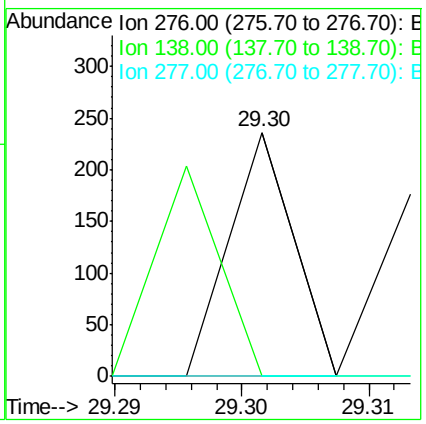


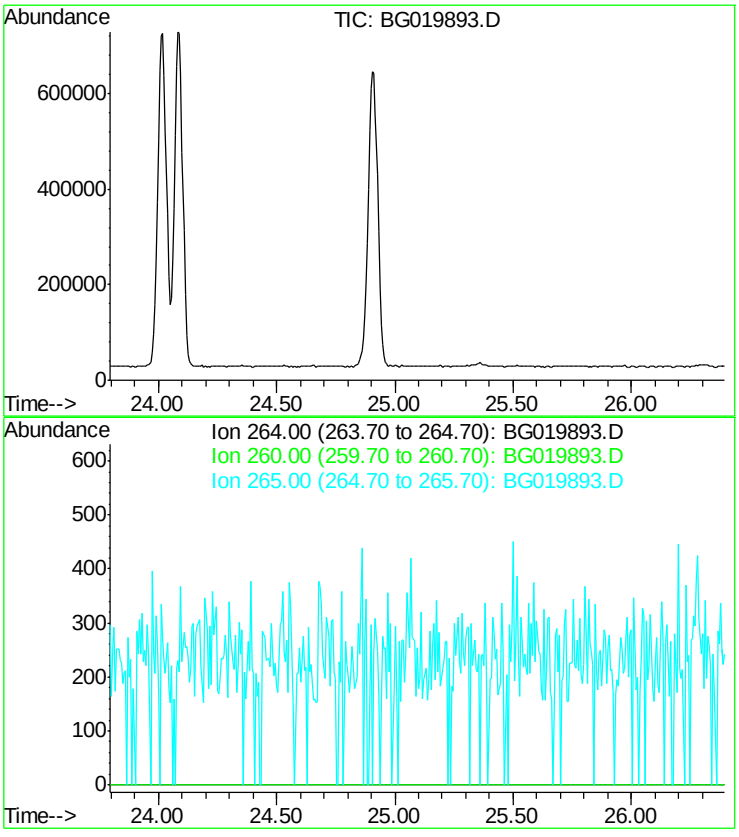
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.55 ng
RT: 29.30 min Scan# 4504
Delta R.T. 0.41 min
Lab File: BG019893.D
Acq: 4 Dec 2015 5:42

Instrument :
BNA_G
ClientSampleId :
PB87019BS

Tgt Ion:276 Resp: 83

Ion	Ratio	Lower	Upper
276	100		
138	86.7	0.0	0.0#
277	0.0	0.0	0.0





#86
Perylene-d12
Concen: 0.00 ng
Expected RT: 25.09 min

Lab File: BG019893.D
Acq: 4 Dec 2015 5:42

Tgt Ion: 264

Sig	Exp Ratio
264	100
260	23.1
265	21.5