Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101818\
Data File : BG037439.D
Acq On : 19 Oct 2018 3:46
Operator : JU/SJ
Sample : PB113698BL
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB113698BL

Quant Time: Oct 19 09:00:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	61509	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	271020	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	188193	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	490122	20.00	ng	0.00
76) Chrysene-d12	21.77	240	457654	20.00	ng	0.00
87) Perylene-d12	25.11	264	447935	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	448298	121.85	ng	0.00
7) Phenol-d6	7.25	99	642253	115.45	ng	0.00
23) Nitrobenzene-d5	9.28	82	367833	76.03	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	246751	120.21	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	909301	72.86	ng	0.00
79) Terphenyl-d14	20.08	244	1509571	70.48	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	205	0.110	ng	# 1
4) n-Nitrosodimethylamine	3.86	42	237	0.141	ng	# 1
6) Aniline	7.63	93	726	0.107	ng	# 1
8) 2-Chlorophenol	7.66	128	58	0.013	ng	# 1
9) Benzaldehyde	7.25	77	1182	0.340	ng	# 4
10) Phenol	7.25	94	87	0.015	ng	# 1
11) bis(2-Chloroethyl)ether	7.63	93	726	0.163	ng	# 1
15) Benzyl Alcohol	8.43	79	5689	1.384	ng	# 48
24) Nitrobenzene	9.33	77	55	0.011	ng	# 42
25) Isophorone	9.51	82	196	0.022	ng	# 67
46) 1,1'-Biphenyl	13.57	154	1225	0.079	ng	# 66
48) 2-Nitroaniline	13.36	65	1518	0.425	ng	# 1
52) Acenaphthene	14.74	154	642	0.059	ng	# 3
55) Dibenzofuran	15.14	168	54	0.003	ng	# 46
58) Fluorene	16.22	166	11589	0.855	ng	# 85
63) Azobenzene	16.22	77	1363	0.096	ng	# 1
66) n-Nitrosodiphenylamine	16.22	169	9214	0.625	ng	# 44
71) Phenanthrene	17.52	178	67	0.003	ng	# 59
72) Anthracene	17.52	178	67	0.003	ng	# 60
73) Carbazole	17.49	167	68	0.003	ng	# 58
74) Di-n-butylphthalate	18.43	149	75	0.003	ng	# 77
77) Benzidine	20.08	184	24724	1.589	ng	# 93
78) Pyrene	20.08	202	5937	0.198	ng	# 75
80) Butylbenzylphthalate	20.94	149	58	0.005	ng	# 23
81) Benzo(a)anthracene	21.77	228	1438	0.053	ng	# 67
82) 3,3'-Dichlorobenzidine	22.08	252	57	0.005	ng	# 25
83) Chrysene	21.77	228	1438	0.055	ng	# 63
84) Bis(2-ethylhexyl)phthalate	21.63	149	562	0.033	ng	# 51
85) Di-n-octyl phthalate	22.87	149	90	0.003	ng	# 1
86) Indeno(1,2,3-cd)pyrene	28.94	276	68	0.002	ng	# 55
88) Benzo(b)fluoranthene	24.04	252	54	0.002	ng	# 1
89) Benzo(k)fluoranthene	24.11	252	57	0.002	ng	# 60
90) Benzo(a)pyrene	24.92	252	61	0.003	ng	# 60
91) Dibenzo(a,h)anthracene	28.94	278	62	0.003	ng	# 57

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101818\
Data File : BG037439.D
Acq On : 19 Oct 2018 3:46
Operator : JU/SJ
Sample : PB113698BL
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB113698BL

Quant Time: Oct 19 09:00:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
92) Benzo(g,h,i)perylene	30.12	276	58	0.003	ng	#	53

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

Quantitation Report (QT/LSC Reviewed)

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Data File : BG037439.D
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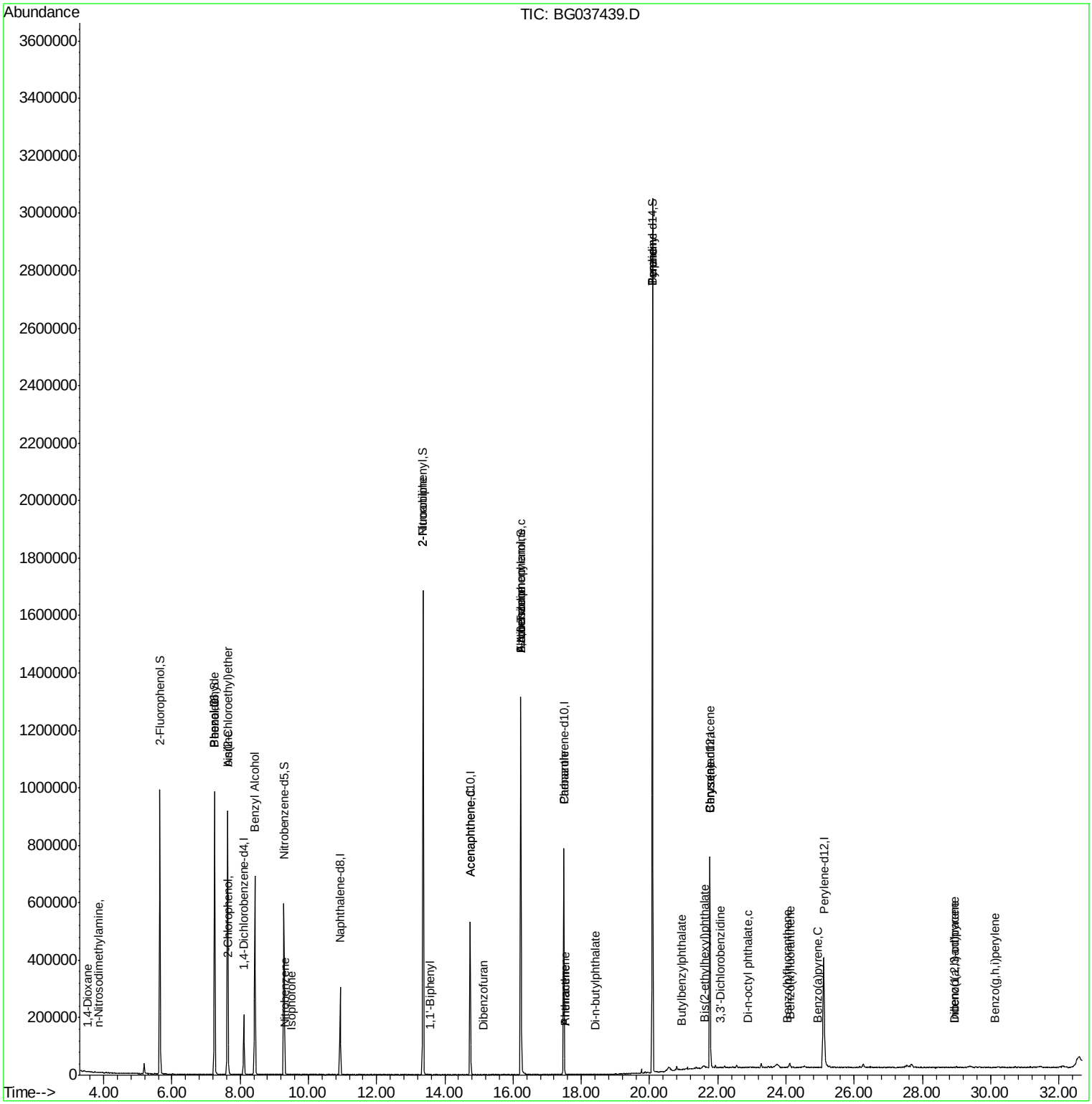
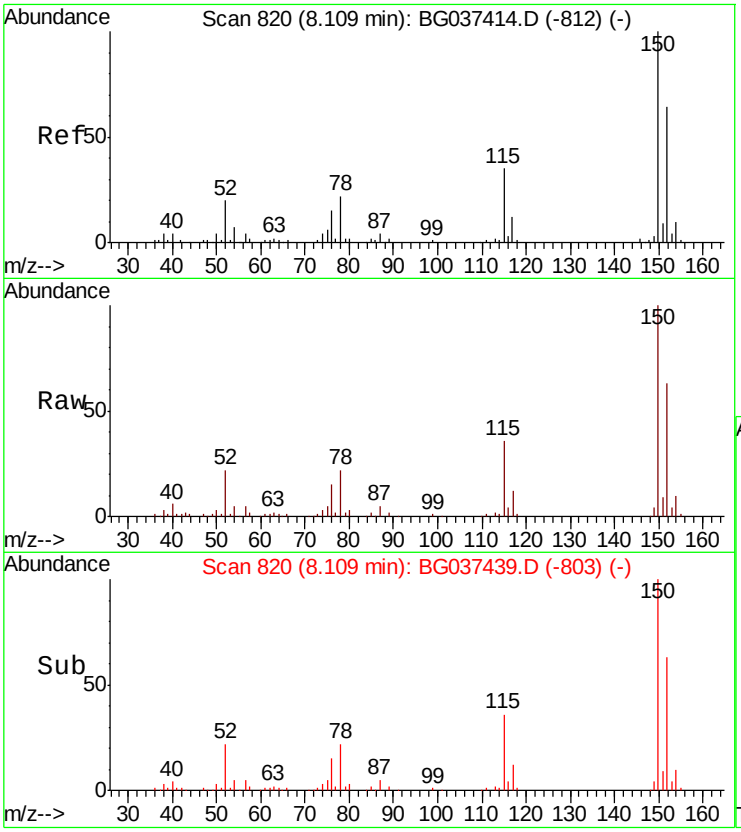


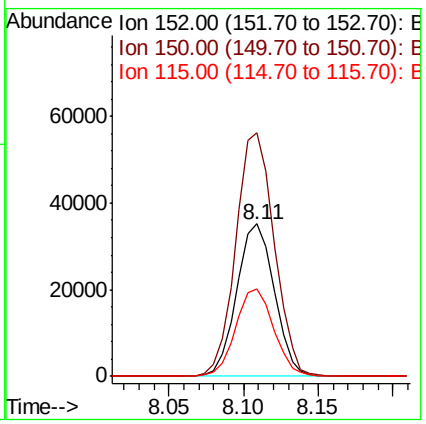


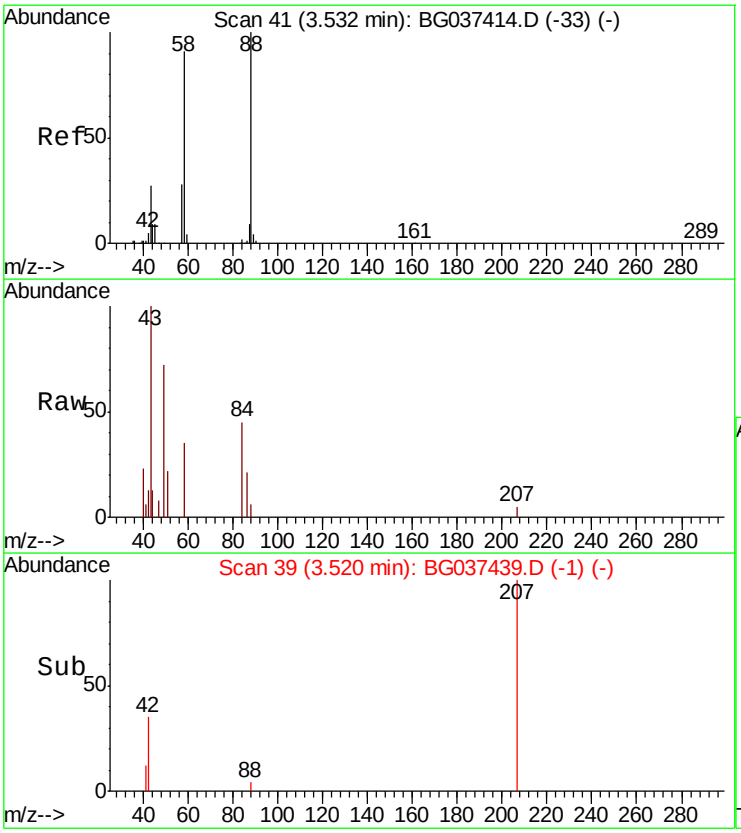
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. 0.00 min
Lab File: BG037439.D
Acq: 19 Oct 2018 3:46

Instrument :
BNA_G
ClientSampleId :
PB113698BL

Tgt Ion:152 Resp: 61509

Ion	Ratio	Lower	Upper
152	100		
150	159.9	126.0	189.0
115	57.5	45.5	68.3

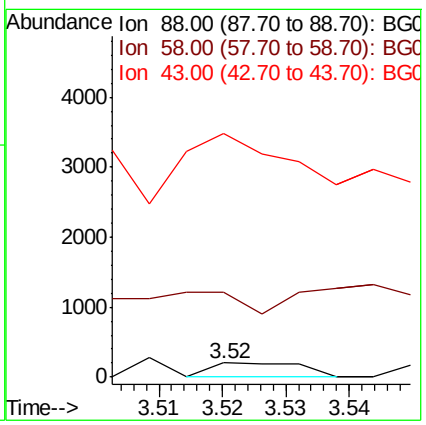


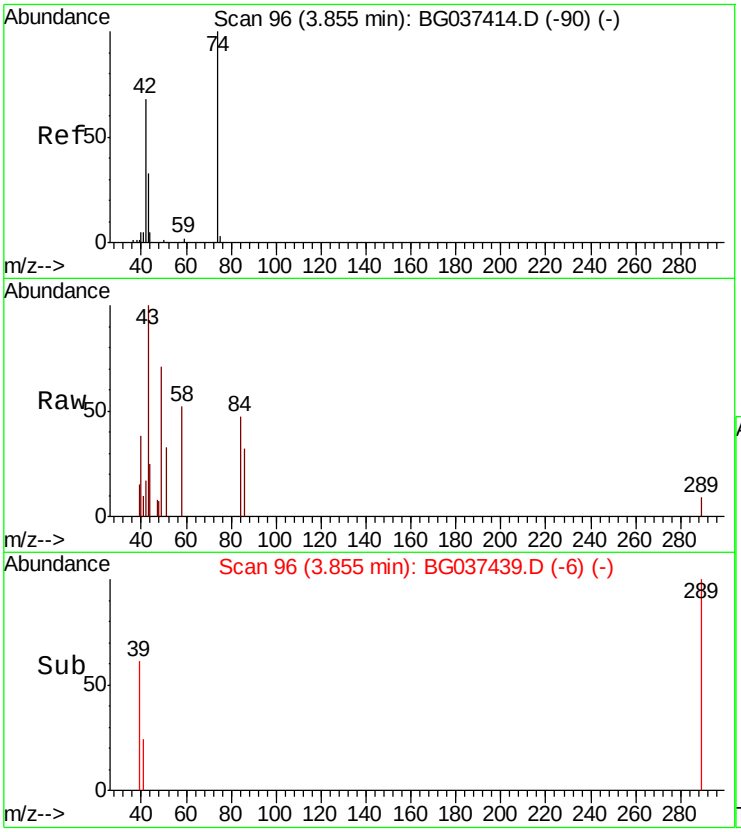


#2
1,4-Dioxane
Concen: 0.110 ng
RT: 3.52 min Scan# 39
Delta R.T. -0.01 min
Lab File: BG037439.D
Acq: 19 Oct 2018 3:46

Tgt Ion: 88 Resp: 205

Ion	Ratio	Lower	Upper
88	100		
58	0.0	74.4	111.6#
43	715.6	25.8	38.8#



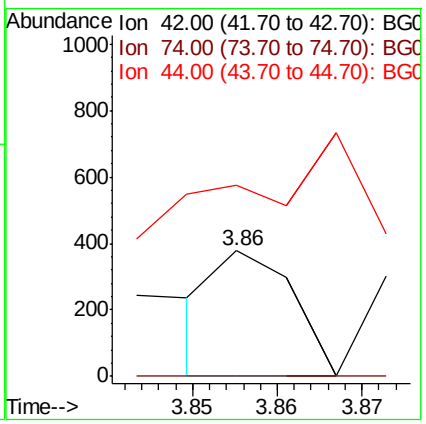


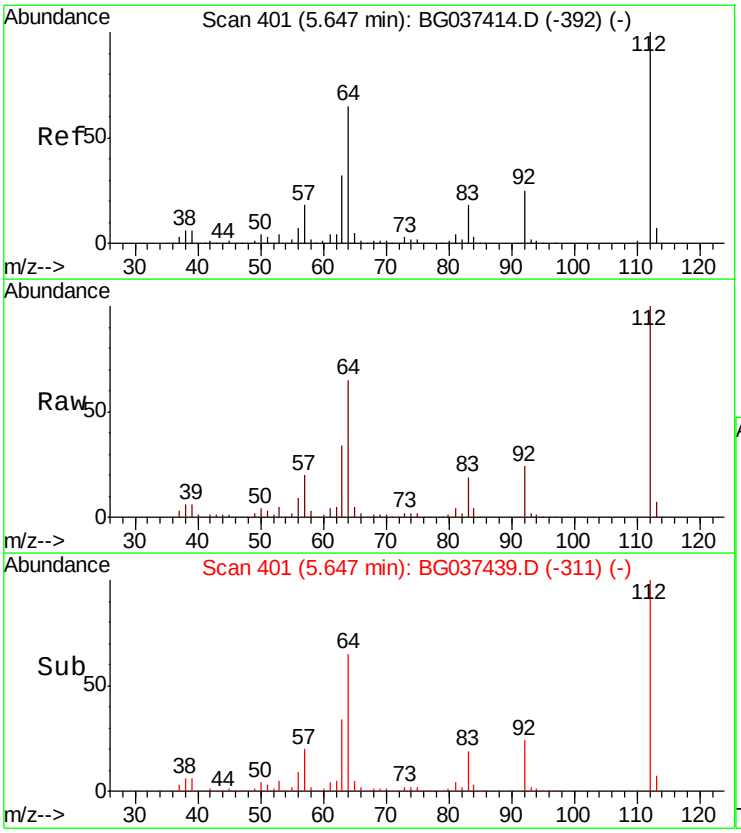
#4
n-Nitrosodimethylamine
Concen: 0.141 ng
RT: 3.86 min Scan# 96
Delta R.T. 0.00 min
Lab File: BG037439.D
Acq: 19 Oct 2018 3:46

Instrument :
BNA_G
ClientSampleId :
PB113698BL

Tgt Ion: 42 Resp: 237

Ion	Ratio	Lower	Upper
42	100		
74	0.0	102.0	153.0#
44	152.1	9.6	14.4#

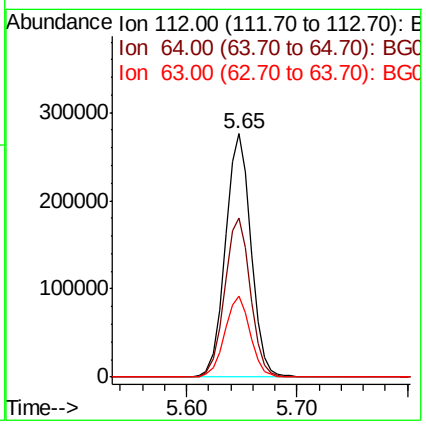


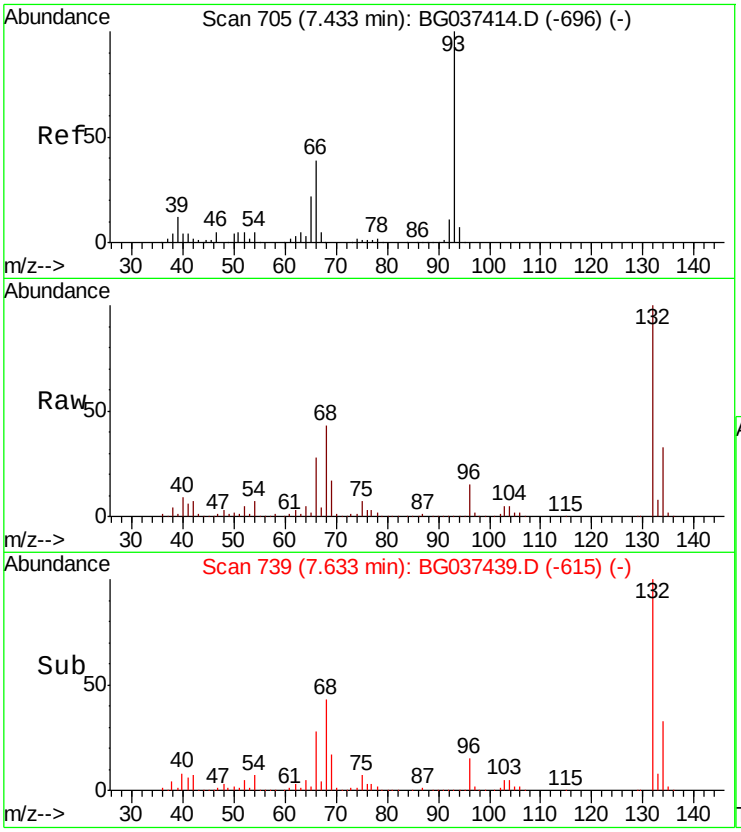


#5
2-Fluorophenol
Concen: 121.850 ng
RT: 5.65 min Scan# 401
Delta R.T. 0.00 min
Lab File: BG037439.D
Acq: 19 Oct 2018 3:46

Tgt Ion:112 Resp: 448298

Ion	Ratio	Lower	Upper
112	100		
64	65.2	53.1	79.7
63	33.5	27.3	40.9



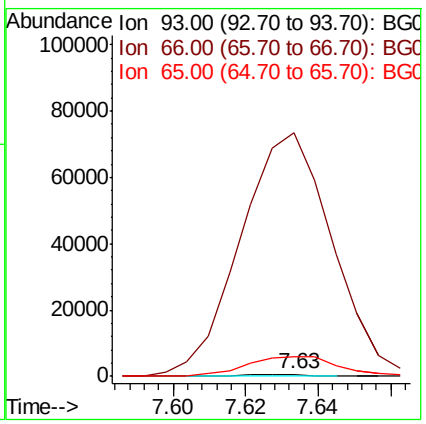


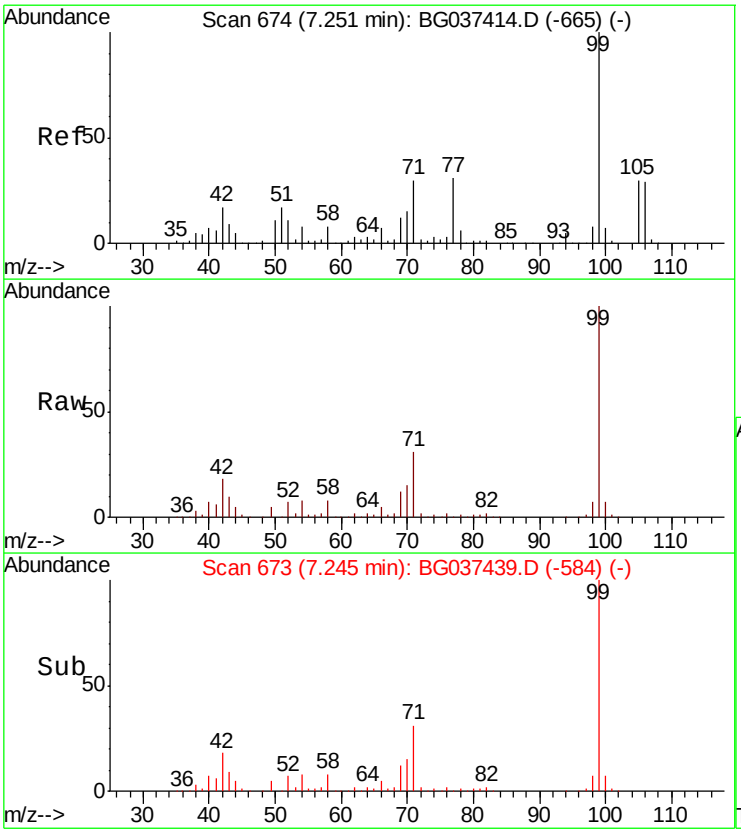
#6
Aniline
Concen: 0.107 ng
RT: 7.63 min Scan# 739
Delta R.T. 0.20 min
Lab File: BG037439.D
Acq: 19 Oct 2018 3:46

Instrument :
BNA_G
ClientSampleId :
PB113698BL

Tgt Ion: 93 Resp: 726

Ion	Ratio	Lower	Upper
93	100		
66	10766.0	32.8	49.2#
65	889.1	16.4	24.6#

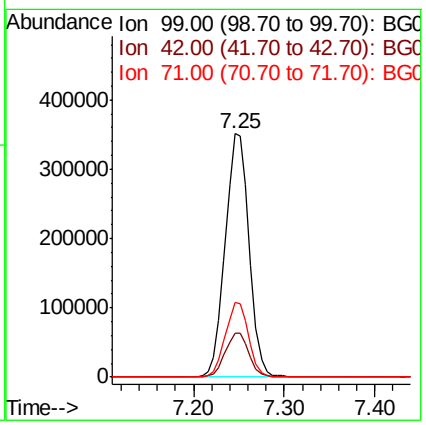


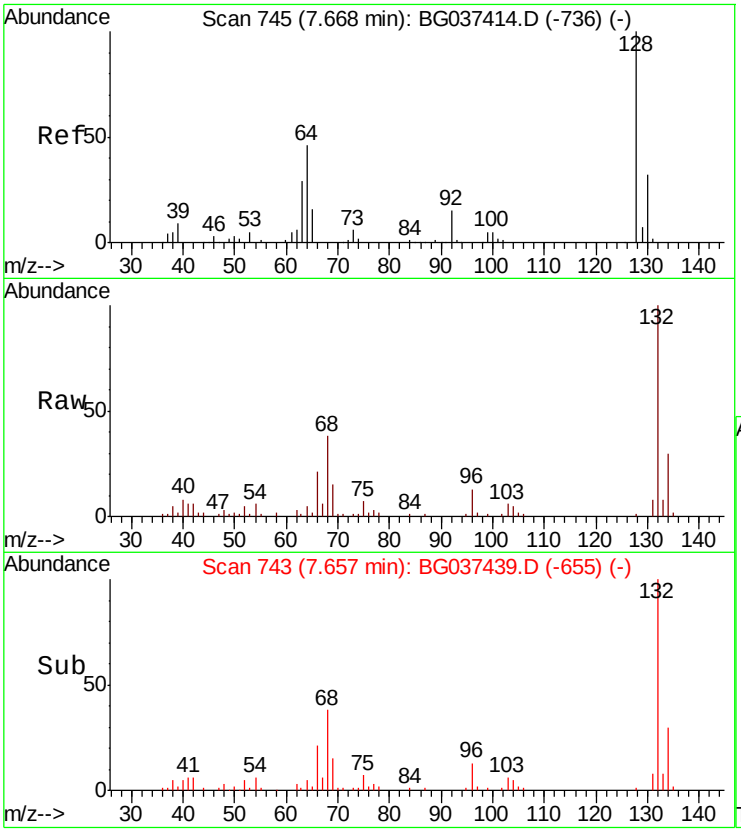


#7
Phenol-d6
Concen: 115.446 ng
RT: 7.25 min Scan# 673
Delta R.T. -0.01 min
Lab File: BG037439.D
Acq: 19 Oct 2018 3:46

Tgt Ion: 99 Resp: 642253

Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.0	22.4
71	30.6	25.5	38.3



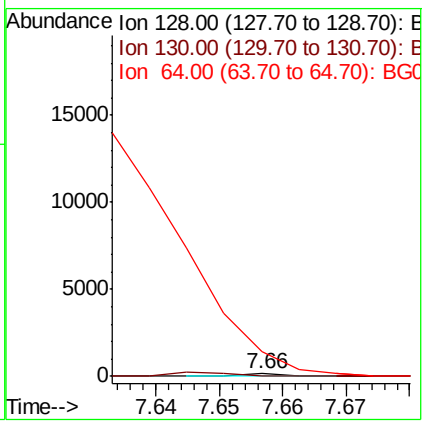


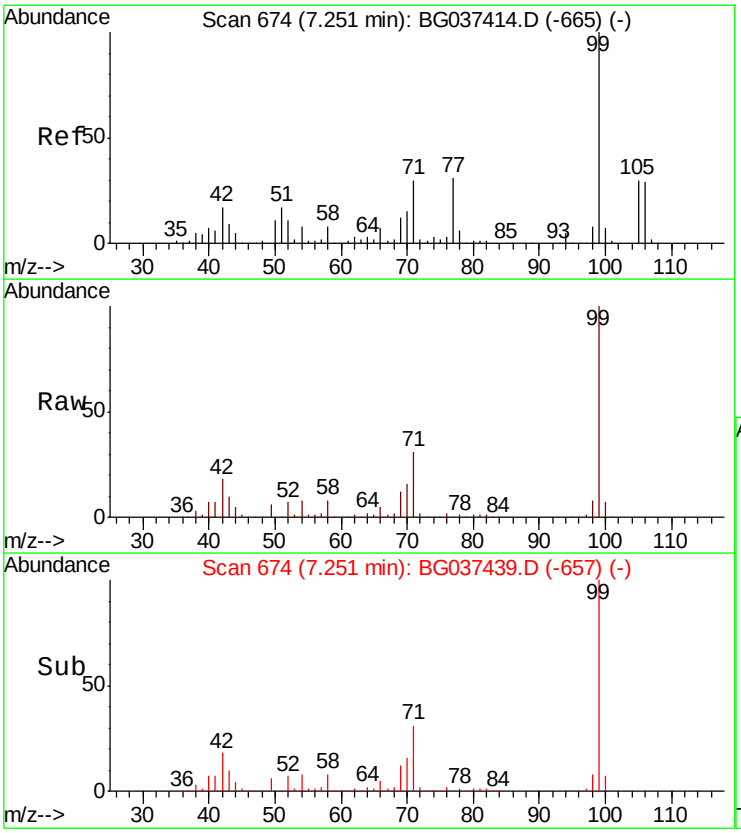
#8
2-Chlorophenol
Concen: 0.013 ng
RT: 7.66 min Scan# 743
Delta R.T. -0.01 min
Lab File: BG037439.D
Acq: 19 Oct 2018 3:46

Instrument :
BNA_G
ClientSampleId :
PB113698BL

Tgt Ion:128 Resp: 58

Ion	Ratio	Lower	Upper
128	100		
130	0.0	12.0	52.0#
64	887.2	32.9	72.9#

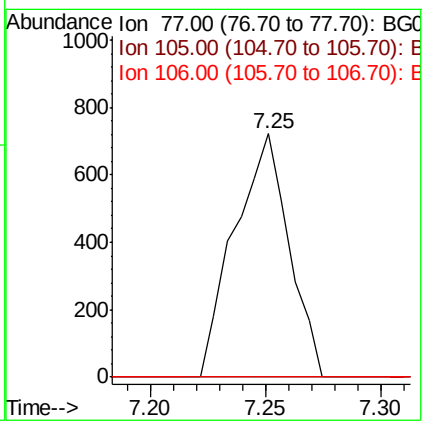


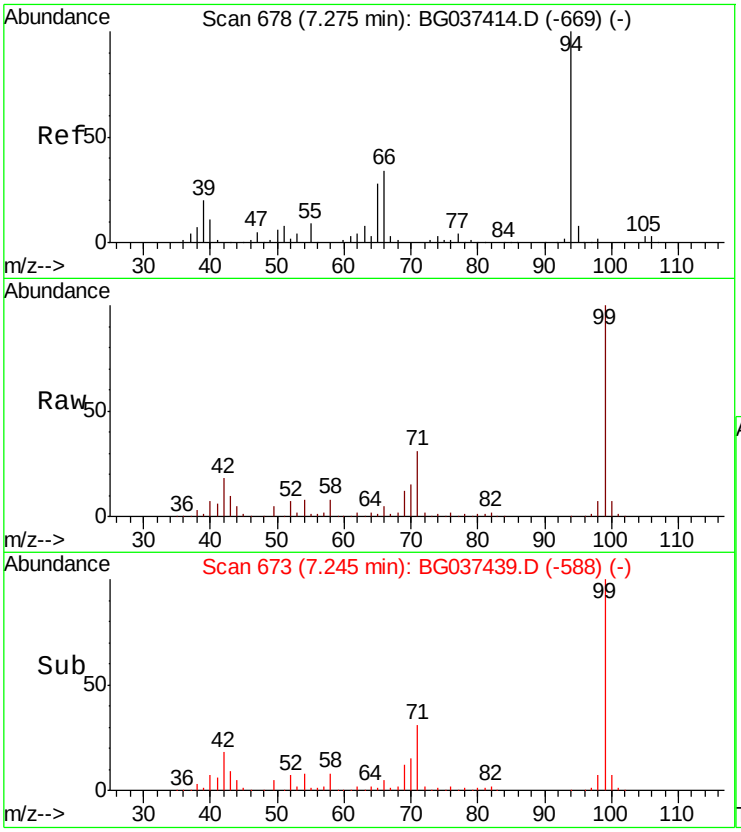


#9
Benzaldehyde
Concen: 0.340 ng
RT: 7.25 min Scan# 674
Delta R.T. 0.00 min
Lab File: BG037439.D
Acq: 19 Oct 2018 3:46

Tgt Ion: 77 Resp: 1182

Ion	Ratio	Lower	Upper
77	100		
105	0.0	72.6	112.6#
106	0.0	71.3	111.3#



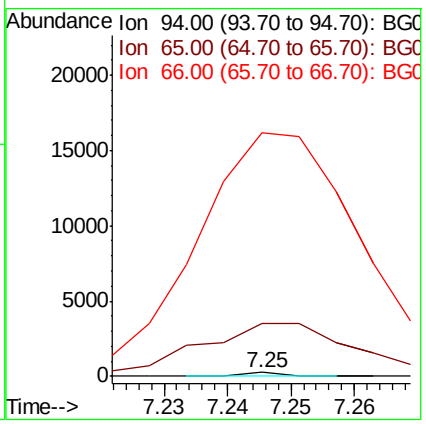


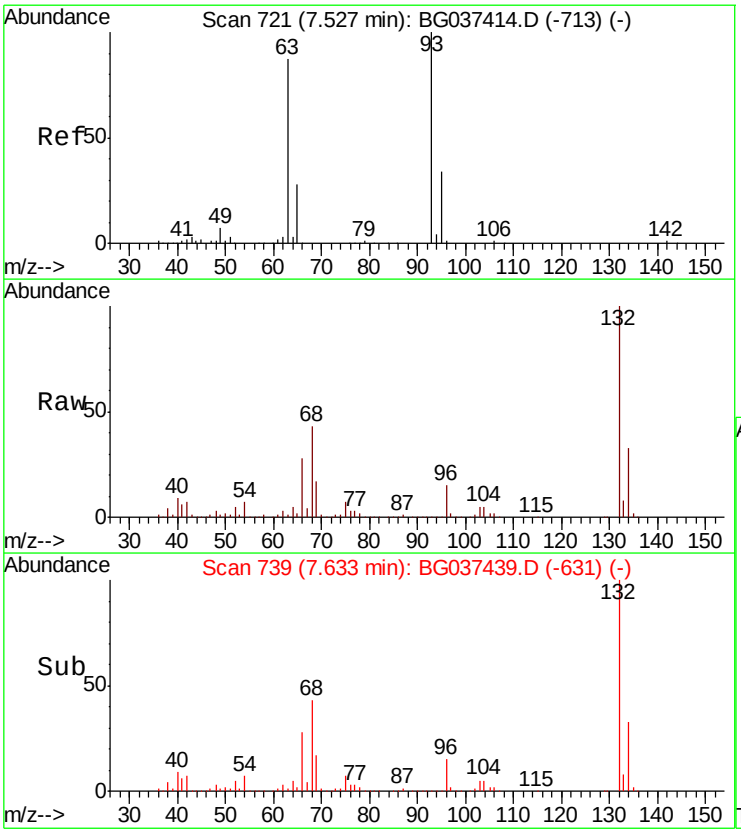
#10
Phenol
Concen: 0.015 ng
RT: 7.25 min Scan# 673
Delta R.T. -0.03 min
Lab File: BG037439.D
Acq: 19 Oct 2018 3:46

Instrument :
BNA_G
ClientSampleId :
PB113698BL

Tgt Ion: 94 Resp: 87

Ion	Ratio	Lower	Upper
94	100		
65	1420.7	9.7	49.7#
66	6575.2	15.9	55.9#

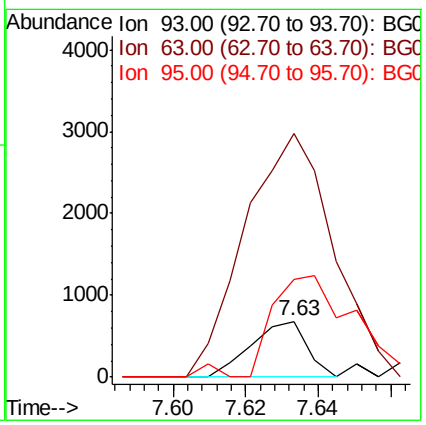


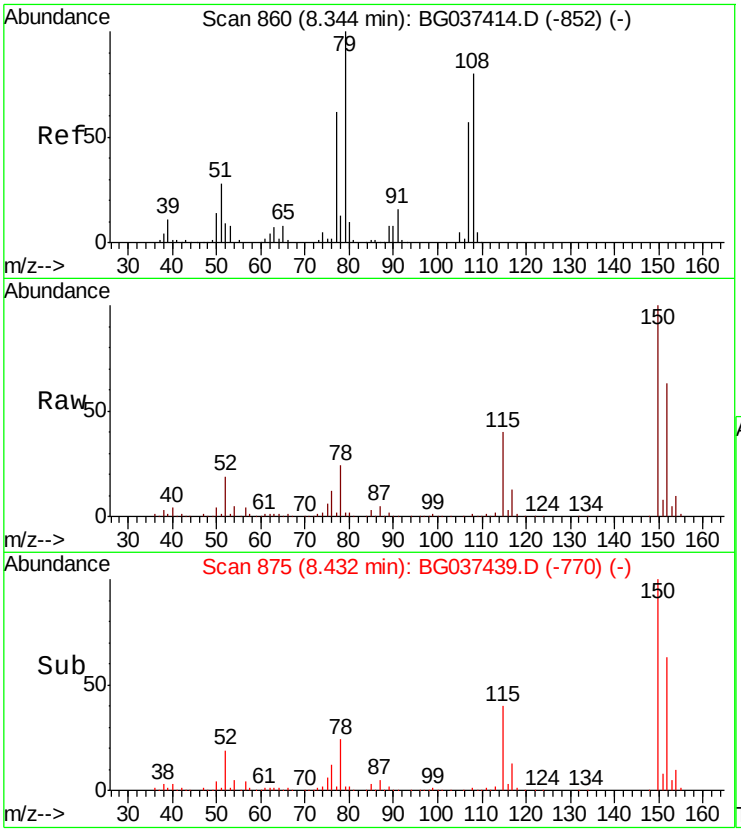


#11
bis(2-Chloroethyl)ether
Concen: 0.163 ng
RT: 7.63 min Scan# 739
Delta R.T. 0.11 min
Lab File: BG037439.D
Acq: 19 Oct 2018 3:46

Tgt Ion: 93 Resp: 726

Ion	Ratio	Lower	Upper
93	100		
63	436.2	69.5	109.5#
95	174.8	12.6	52.6#



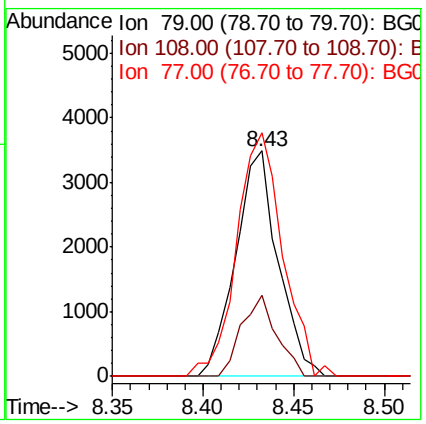


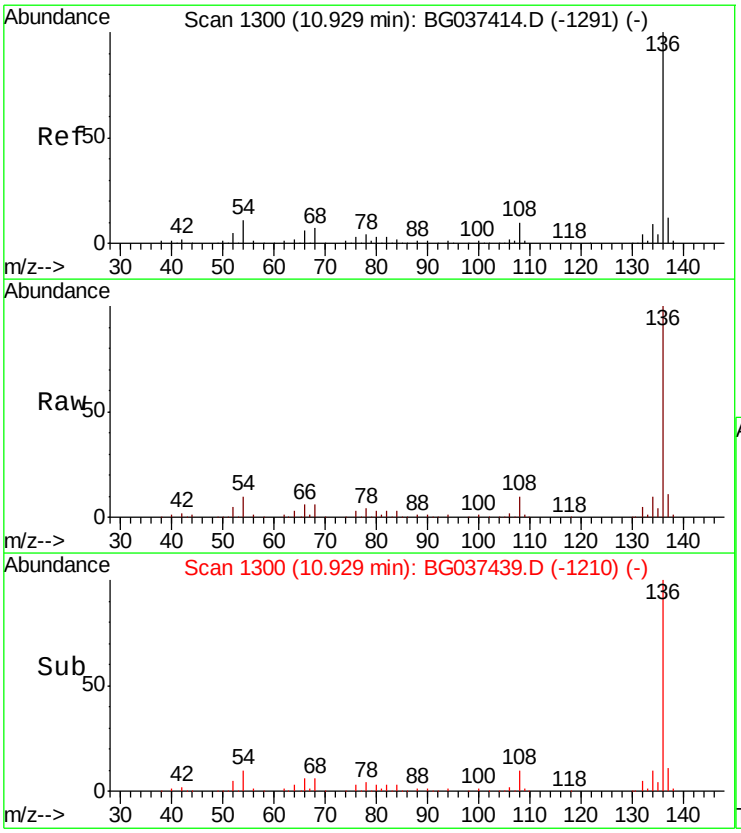
#15
Benzyl Alcohol
Concen: 1.384 ng
RT: 8.43 min Scan# 875
Delta R.T. 0.09 min
Lab File: BG037439.D
Acq: 19 Oct 2018 3:46

Instrument :
BNA_G
ClientSampleId :
PB113698BL

Tgt Ion: 79 Resp: 5689

Ion	Ratio	Lower	Upper
79	100		
108	35.7	65.8	98.8#
77	107.9	52.9	79.3#

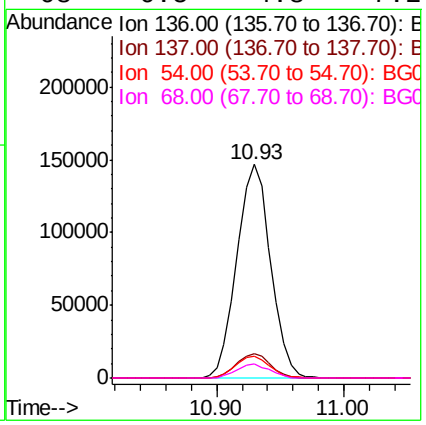


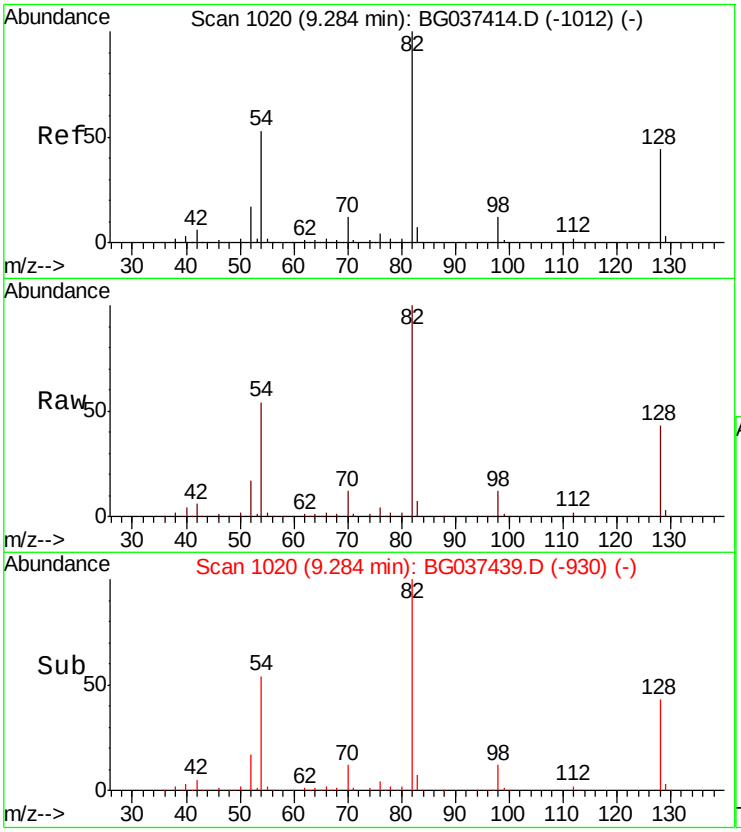


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG037439.D
Acq: 19 Oct 2018 3:46

Tgt Ion:136 Resp: 271020

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.6	14.4
54	10.2	7.9	11.9
68	6.5	4.8	7.2



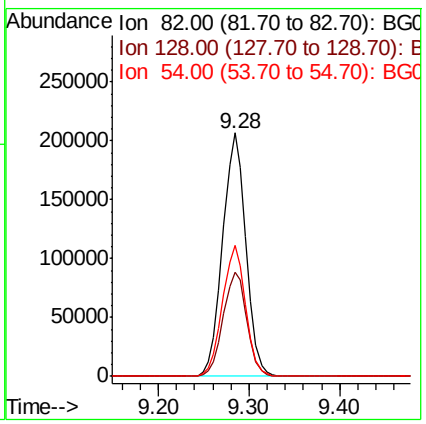


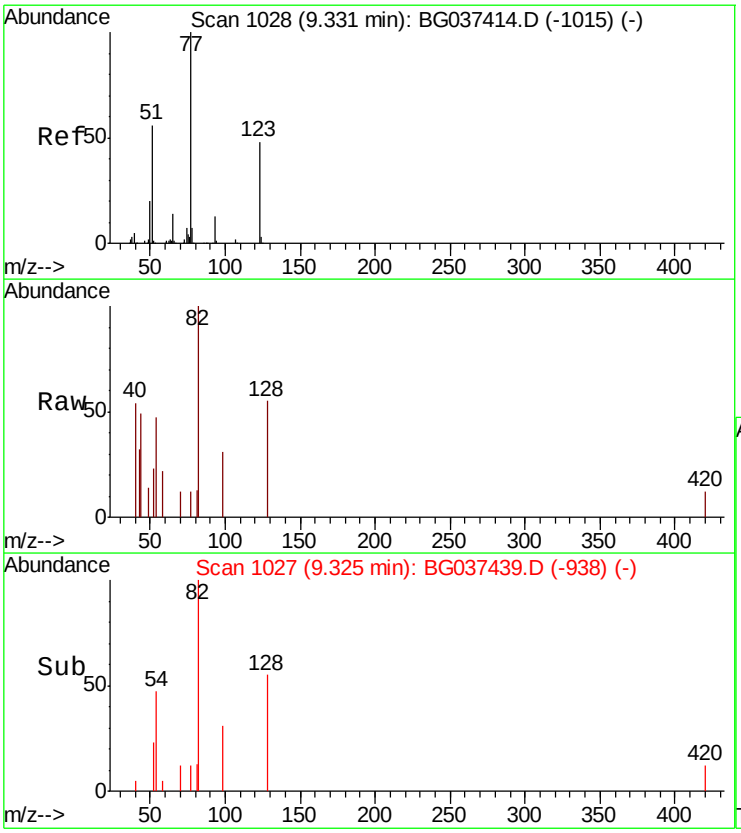
#23
Nitrobenzene-d5
Concen: 76.030 ng
RT: 9.28 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BG037439.D
Acq: 19 Oct 2018 3:46

Instrument :
BNA_G
ClientSampleId :
PB113698BL

Tgt Ion: 82 Resp: 367833

Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.6	51.8
54	54.1	45.3	67.9

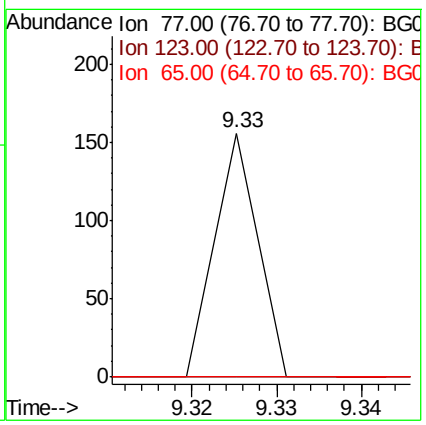


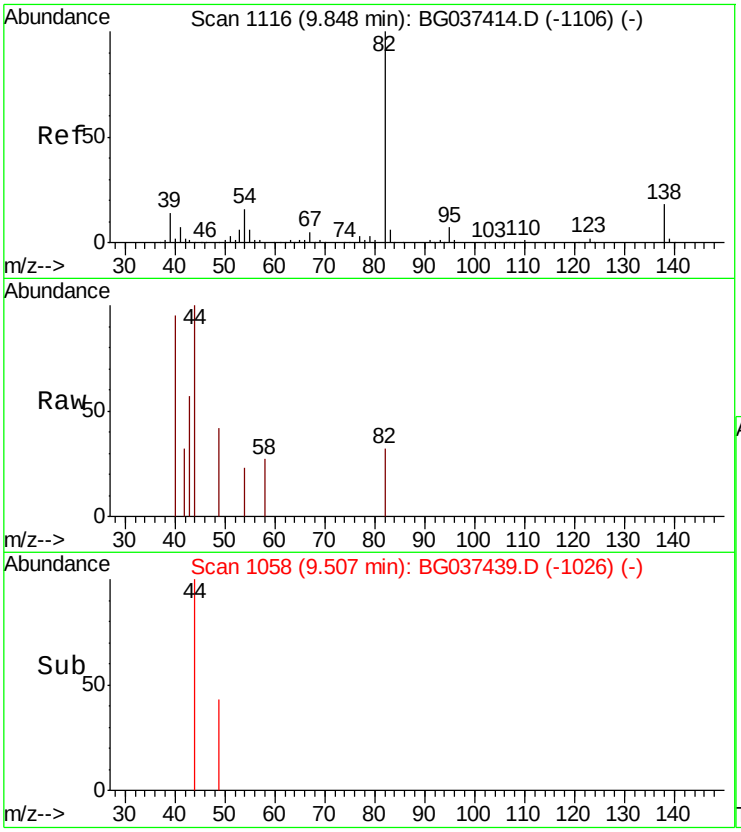


#24
Nitrobenzene
Concen: 0.011 ng
RT: 9.33 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BG037439.D
Acq: 19 Oct 2018 3:46

Tgt Ion: 77 Resp: 55

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.6	50.4#
65	0.0	11.3	16.9#



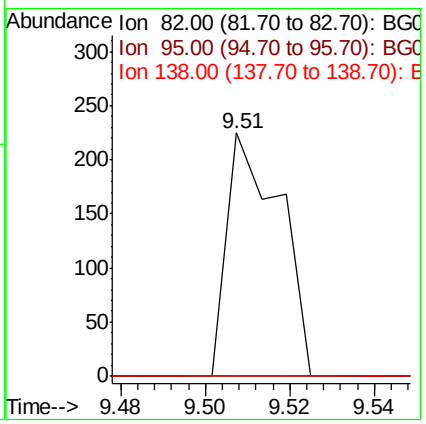


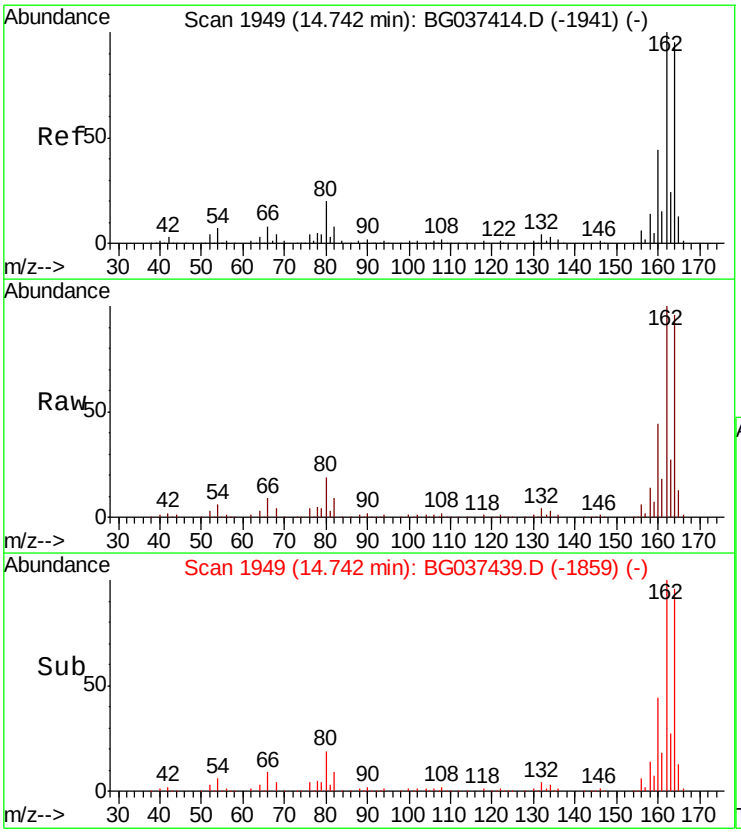
#25
Isophorone
Concen: 0.022 ng
RT: 9.51 min Scan# 1058
Delta R.T. -0.34 min
Lab File: BG037439.D
Acq: 19 Oct 2018 3:46

Instrument :
BNA_G
ClientSampleId :
PB113698BL

Tgt Ion: 82 Resp: 196

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.3	19.9#

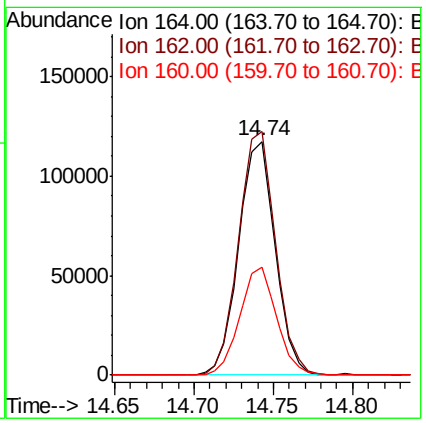


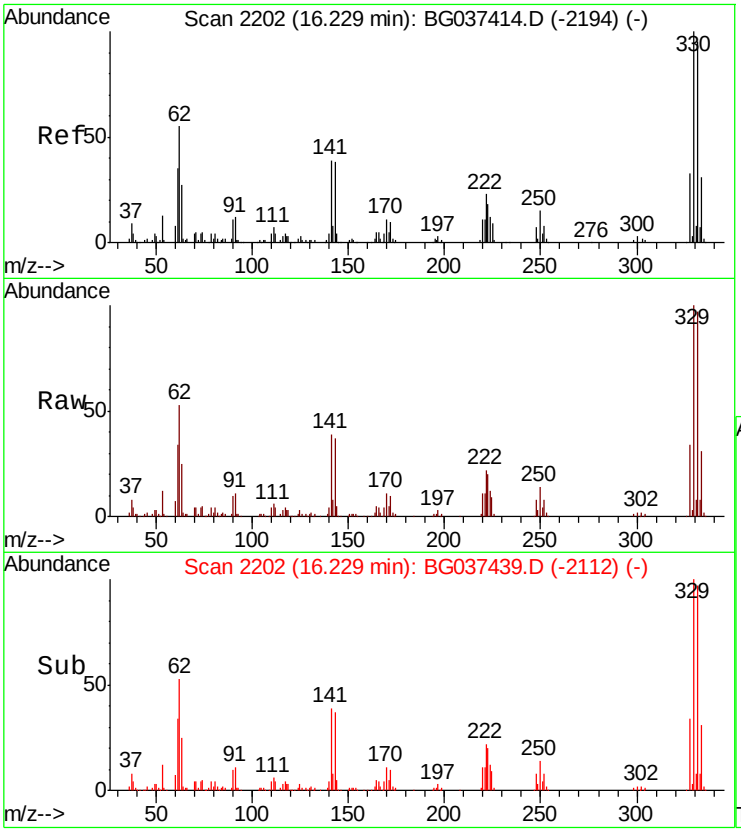


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1949
Delta R.T. 0.00 min
Lab File: BG037439.D
Acq: 19 Oct 2018 3:46

Tgt Ion:164 Resp: 188193

Ion	Ratio	Lower	Upper
164	100		
162	104.2	81.3	121.9
160	46.3	36.3	54.5



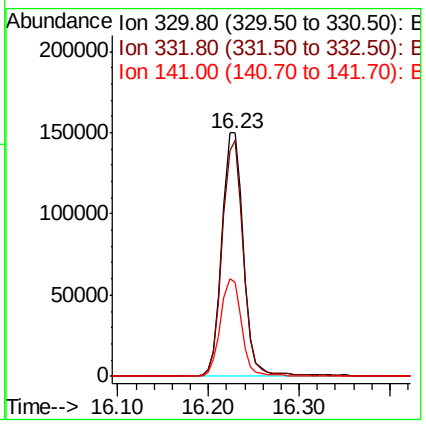


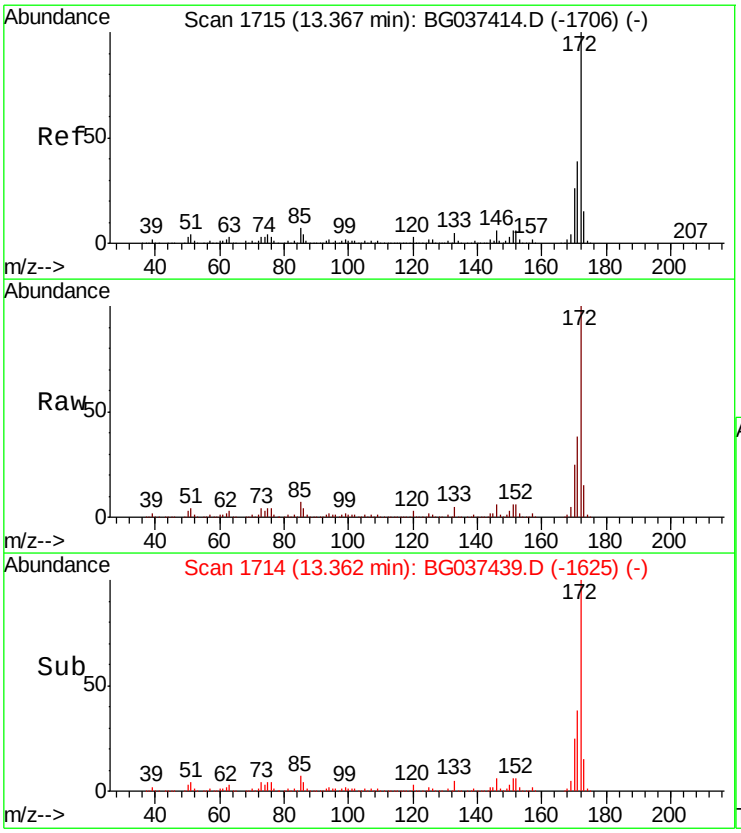
#42
2,4,6-Tribromophenol
Concen: 120.214 ng
RT: 16.23 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BG037439.D
Acq: 19 Oct 2018 3:46

Instrument :
BNA_G
ClientSampleId :
PB113698BL

Tgt Ion:330 Resp: 246751

Ion	Ratio	Lower	Upper
330	100		
332	94.9	78.4	117.6
141	39.0	32.2	48.2

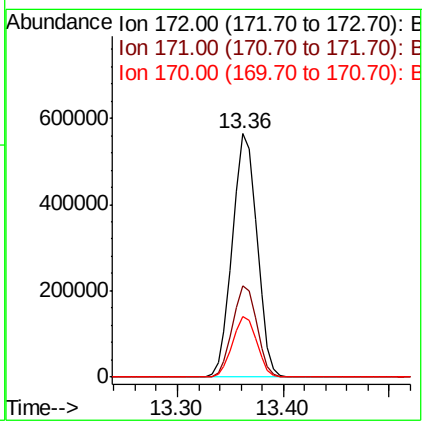


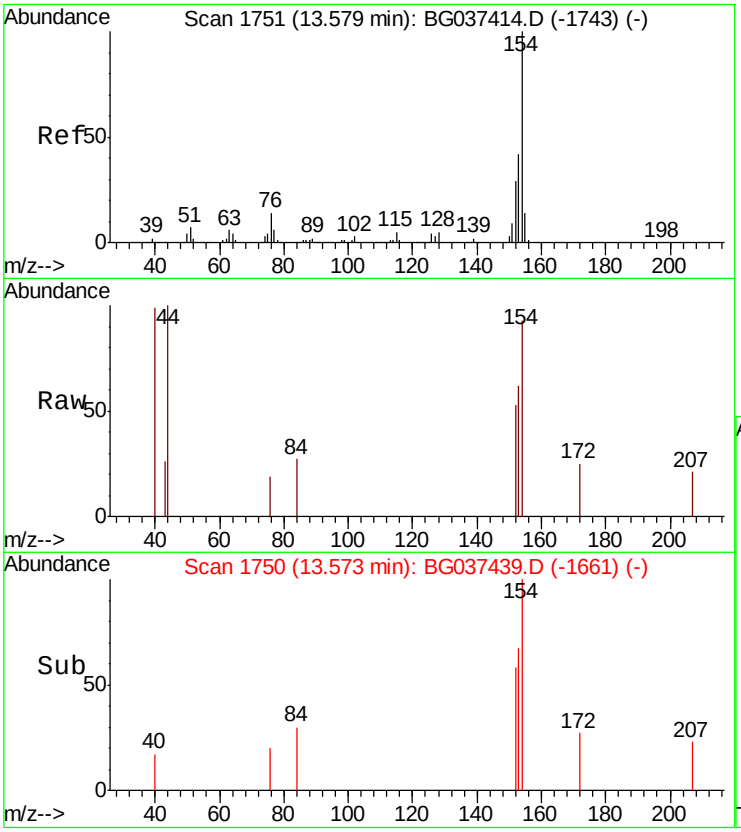


#45
2-Fluorobiphenyl
Concen: 72.860 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037439.D
Acq: 19 Oct 2018 3:46

Tgt Ion:172 Resp: 909301

Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.0	46.4
170	24.8	20.2	30.2



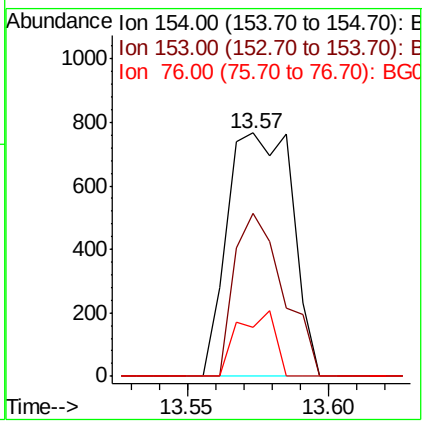


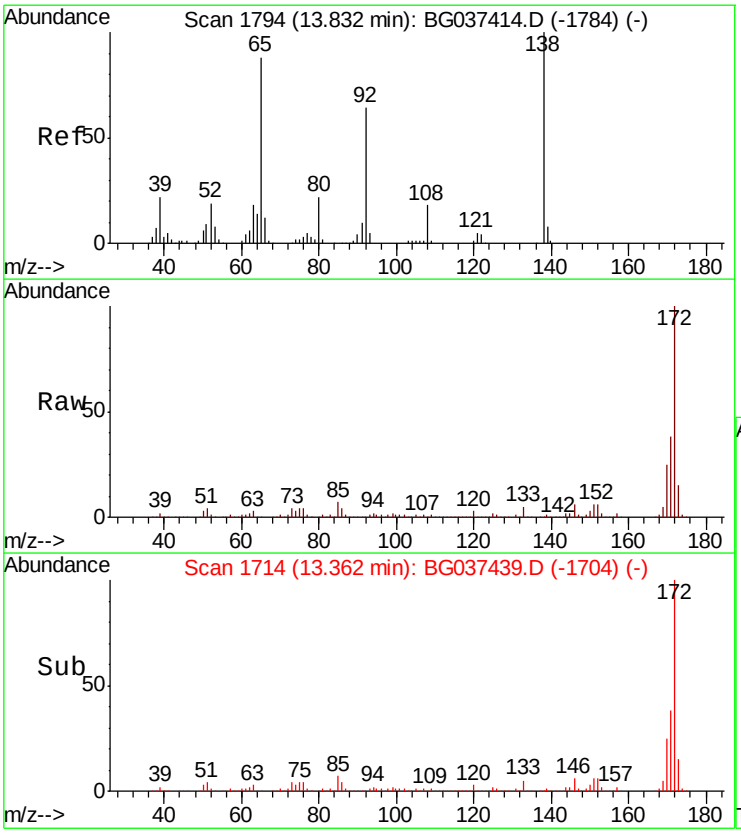
#46
1,1'-Biphenyl
Concen: 0.079 ng
RT: 13.57 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG037439.D
Acq: 19 Oct 2018 3:46

Instrument :
BNA_G
ClientSampleId :
PB113698BL

Tgt Ion:154 Resp: 1225

Ion	Ratio	Lower	Upper
154	100		
153	67.0	22.1	62.1#
76	20.3	0.0	33.2

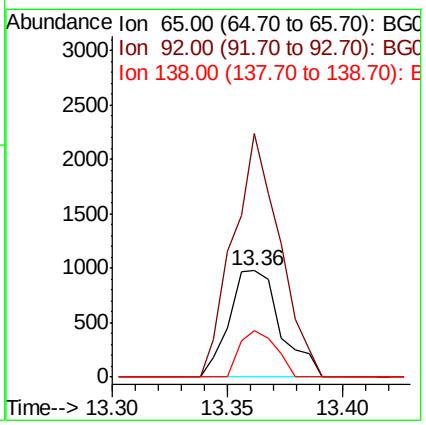


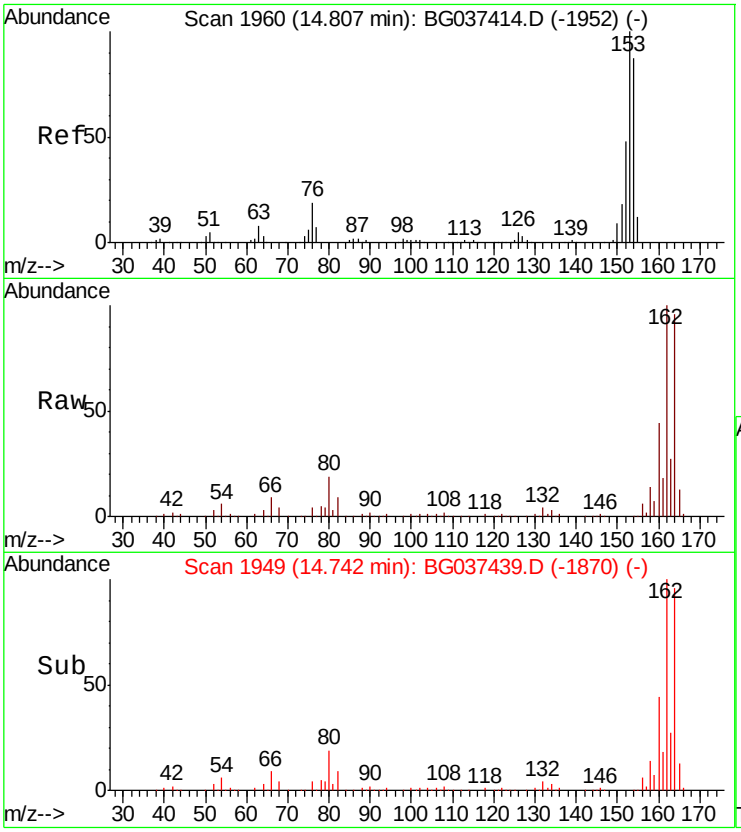


#48
2-Nitroaniline
Concen: 0.425 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.47 min
Lab File: BG037439.D
Acq: 19 Oct 2018 3:46

Tgt Ion: 65 Resp: 1518

Ion	Ratio	Lower	Upper
65	100		
92	229.1	53.2	79.8#
138	43.4	79.3	118.9#



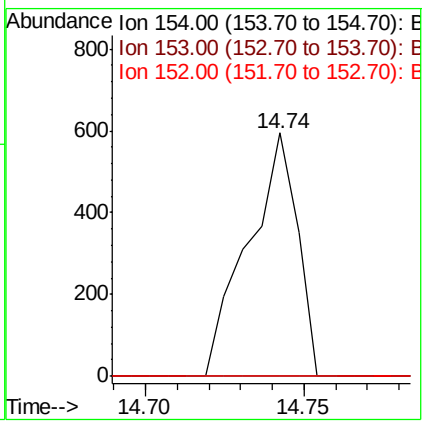


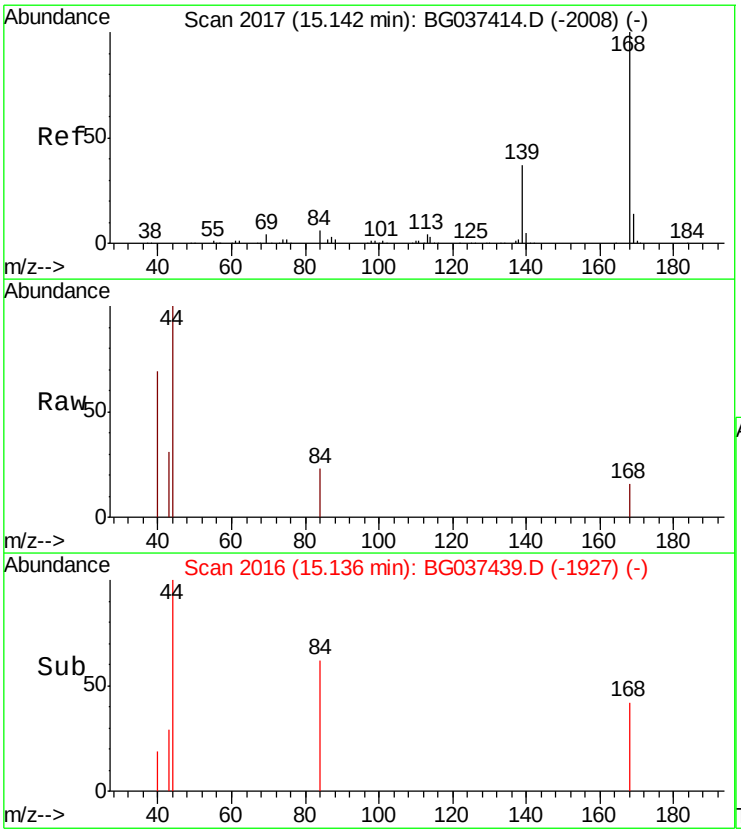
#52
Acenaphthene
Concen: 0.059 ng
RT: 14.74 min Scan# 1949
Delta R.T. -0.06 min
Lab File: BG037439.D
Acq: 19 Oct 2018 3:46

Instrument :
BNA_G
ClientSampleId :
PB113698BL

Tgt Ion:154 Resp: 642

Ion	Ratio	Lower	Upper
154	100		
153	0.0	93.4	140.0#
152	0.0	44.7	67.1#

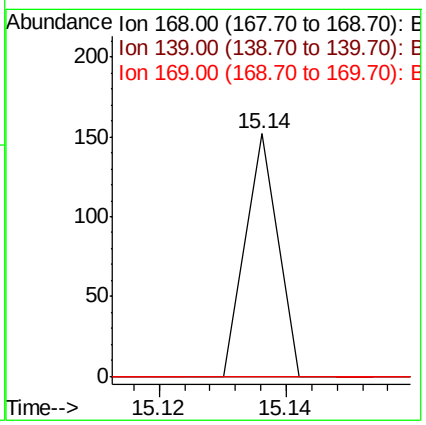


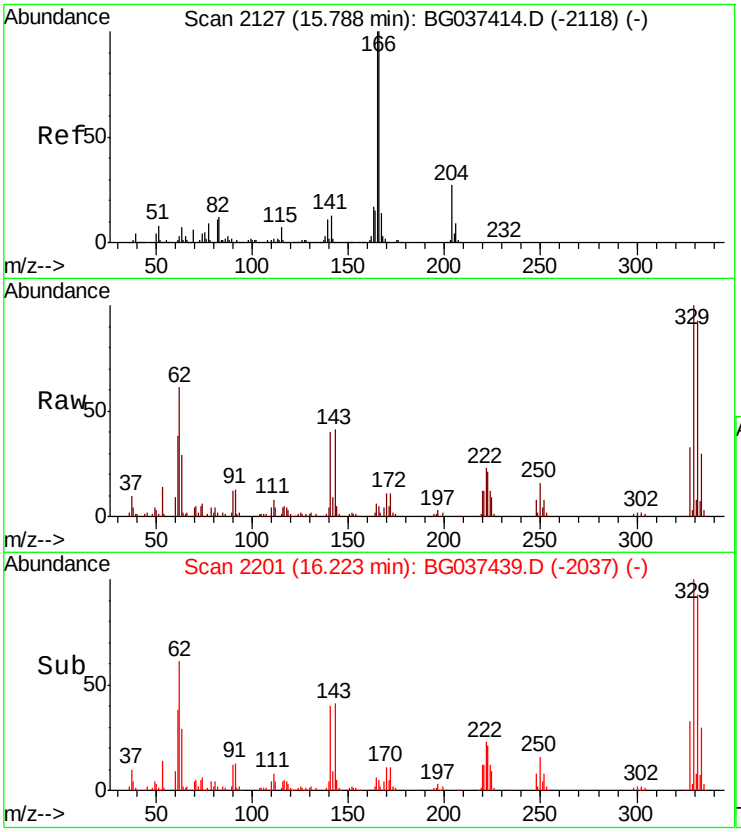


#55
Dibenzofuran
Concen: 0.003 ng
RT: 15.14 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG037439.D
Acq: 19 Oct 2018 3:46

Tgt Ion:168 Resp: 54

Ion	Ratio	Lower	Upper
168	100		
139	0.0	29.4	44.0#
169	0.0	11.0	16.6#



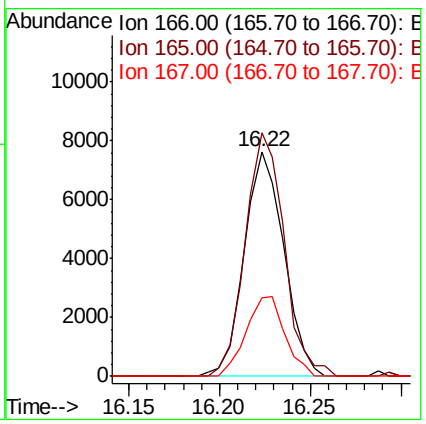


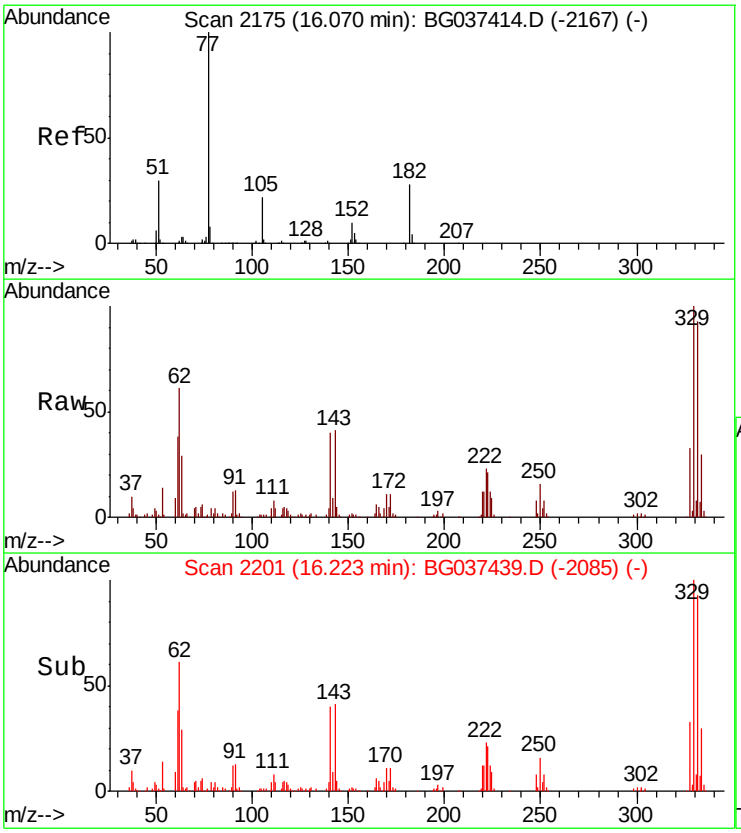
#58
Fluorene
Concen: 0.855 ng
RT: 16.22 min Scan# 2201
Delta R.T. 0.43 min
Lab File: BG037439.D
Acq: 19 Oct 2018 3:46

Instrument :
BNA_G
ClientSampleId :
PB113698BL

Tgt Ion:166 Resp: 11589

Ion	Ratio	Lower	Upper
166	100		
165	108.2	79.0	118.6
167	34.9	11.3	16.9#

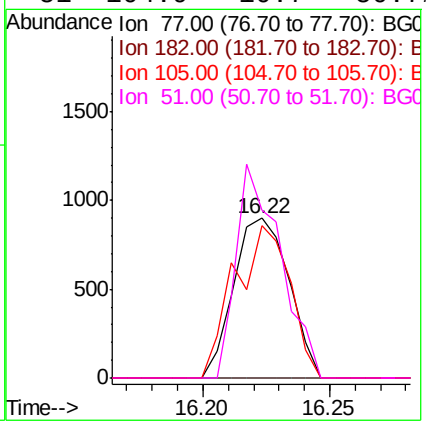


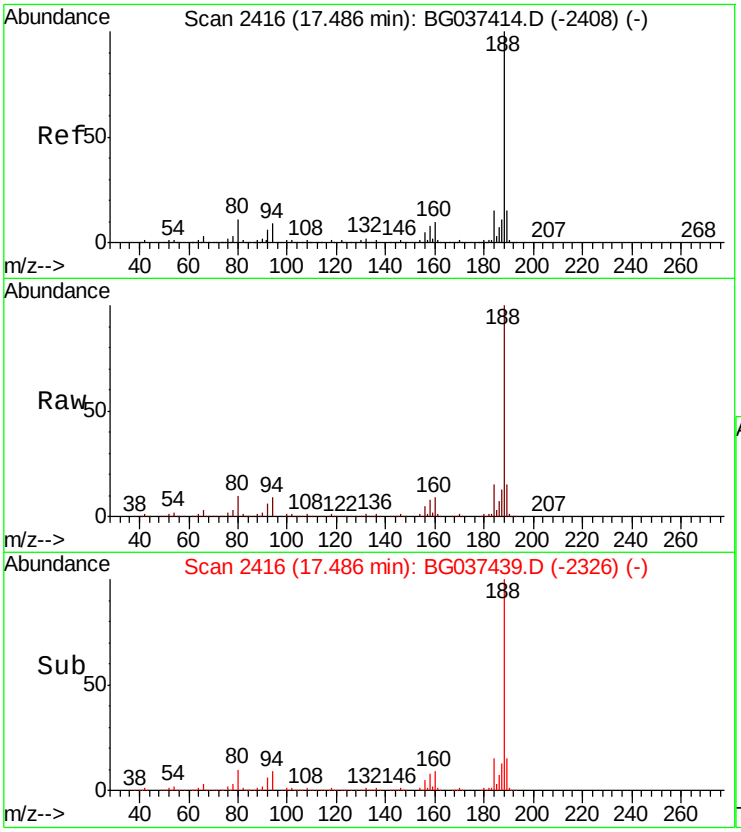


#63
Azobenzene
Concen: 0.096 ng
RT: 16.22 min Scan# 2201
Delta R.T. 0.15 min
Lab File: BG037439.D
Acq: 19 Oct 2018 3:46

Tgt Ion: 77 Resp: 1363

Ion	Ratio	Lower	Upper
77	100		
182	0.0	8.0	48.0#
105	95.3	1.3	41.3#
51	104.9	10.7	50.7#



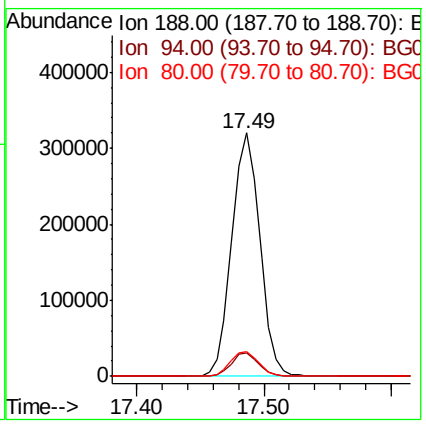


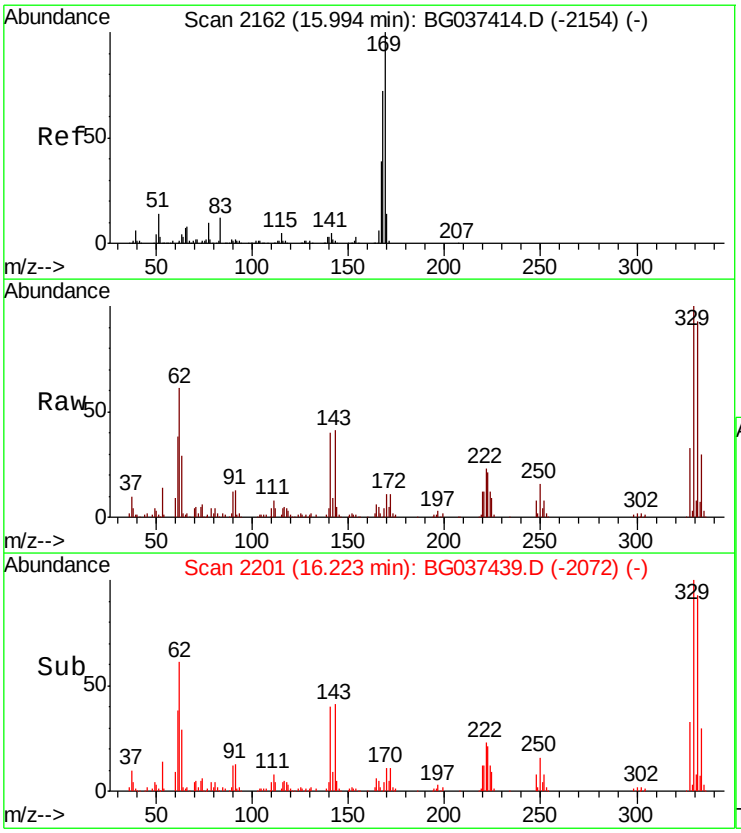
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2416
Delta R.T. 0.00 min
Lab File: BG037439.D
Acq: 19 Oct 2018 3:46

Instrument :
BNA_G
ClientSampleId :
PB113698BL

Tgt Ion:188 Resp: 490122

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.2	10.8
80	10.0	7.7	11.5

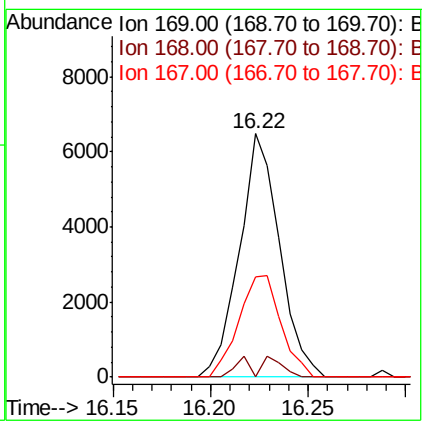


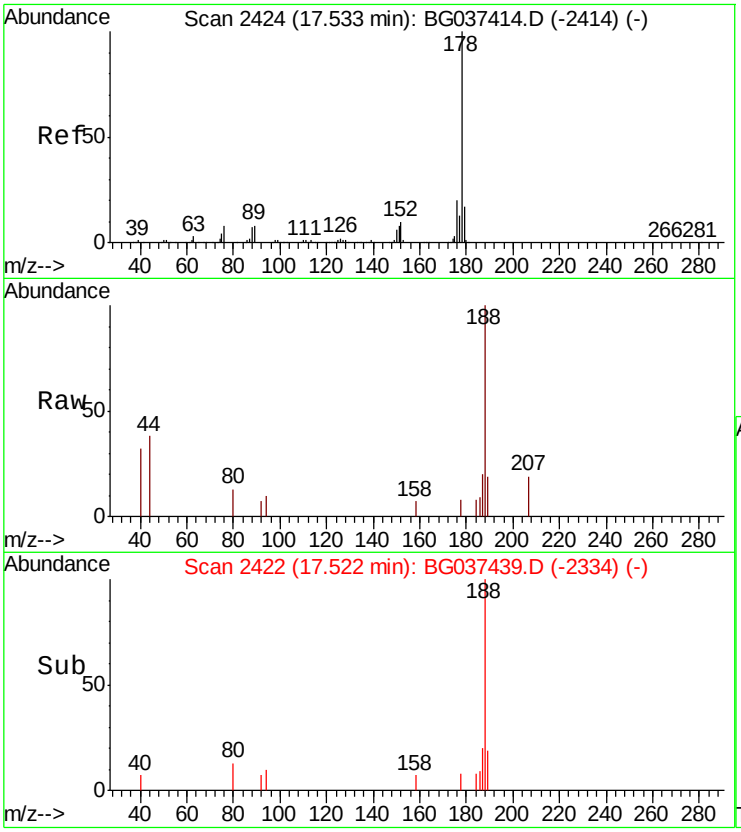


#66
n-Nitrosodiphenylamine
Concen: 0.625 ng
RT: 16.22 min Scan# 2201
Delta R.T. 0.23 min
Lab File: BG037439.D
Acq: 19 Oct 2018 3:46

Tgt Ion:169 Resp: 9214

Ion	Ratio	Lower	Upper
169	100		
168	0.0	55.7	83.5#
167	41.2	31.3	46.9



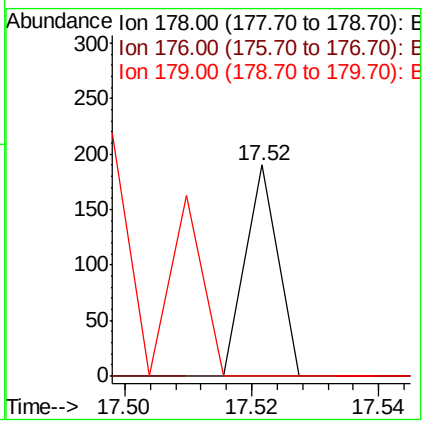


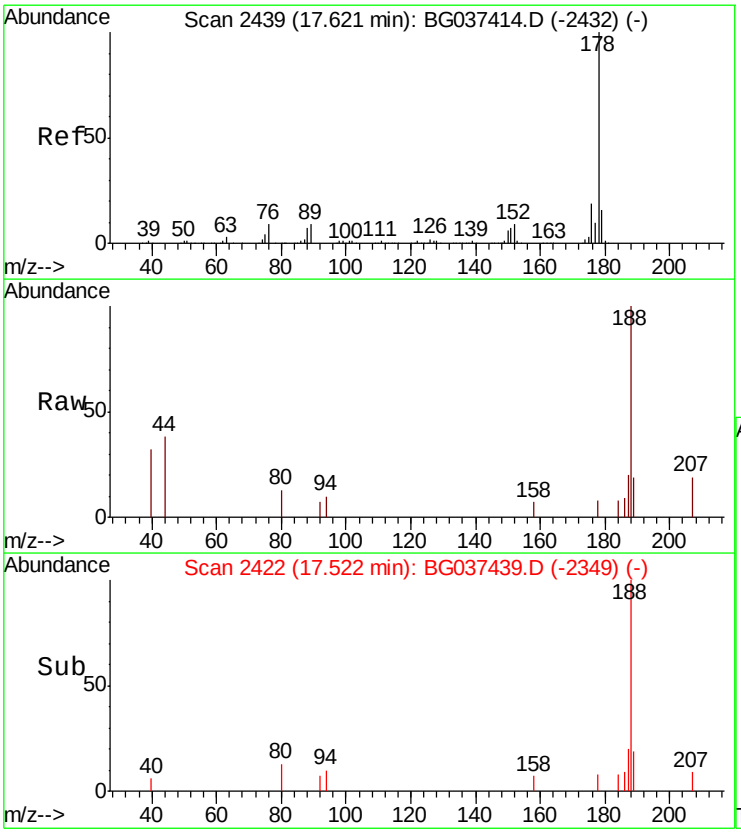
#71
Phenanthrene
Concen: 0.003 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG037439.D
Acq: 19 Oct 2018 3:46

Instrument :
BNA_G
ClientSampleId :
PB113698BL

Tgt Ion:178 Resp: 67

Ion	Ratio	Lower	Upper
178	100		
176	0.0	16.1	24.1#
179	0.0	13.0	19.4#

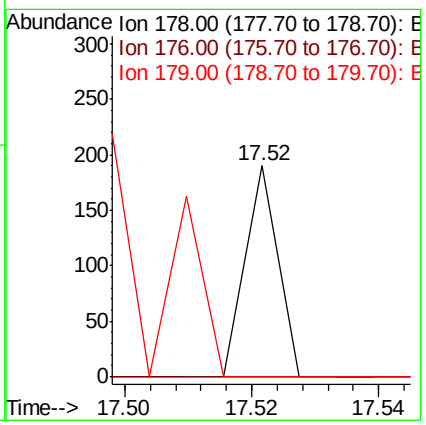


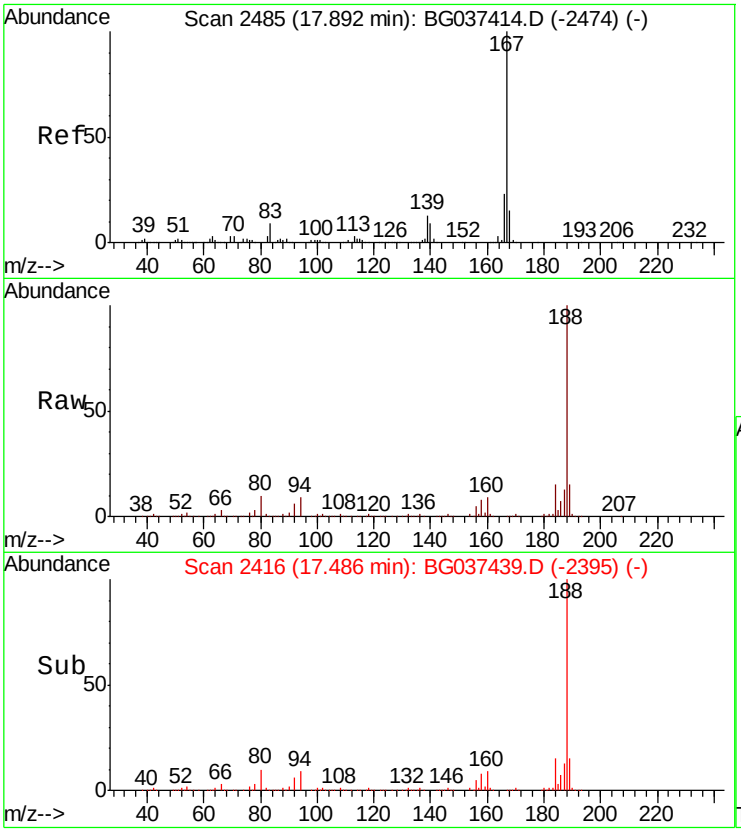


#72
Anthracene
Concen: 0.003 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.10 min
Lab File: BG037439.D
Acq: 19 Oct 2018 3:46

Tgt Ion:178 Resp: 67

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.0	22.4#
179	0.0	12.8	19.2#



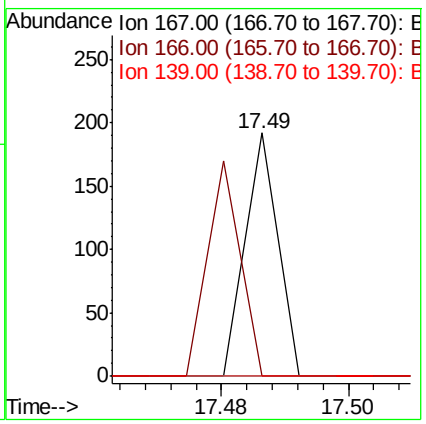


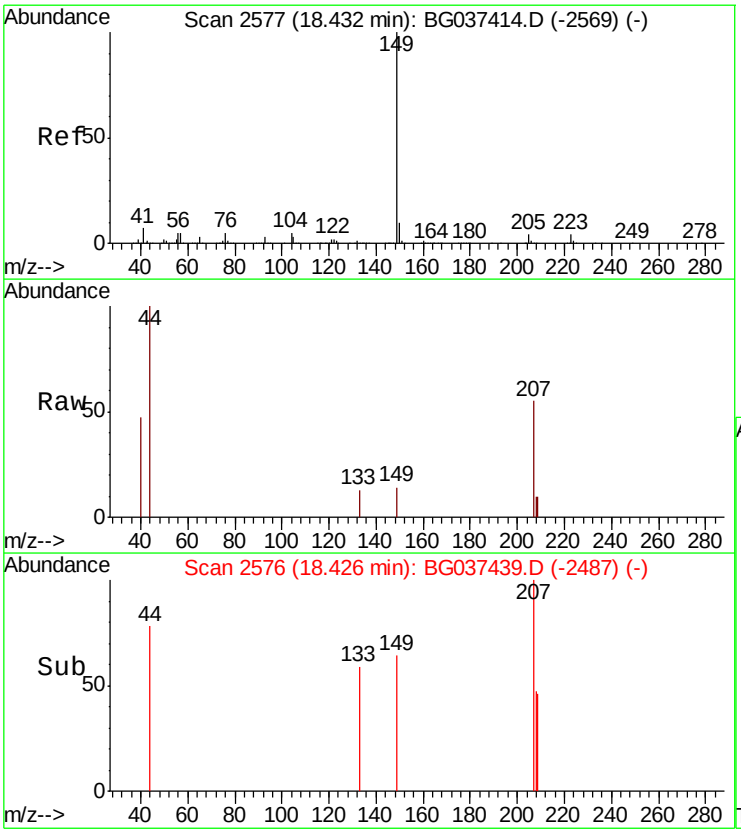
#73
Carbazole
Concen: 0.003 ng
RT: 17.49 min Scan# 2416
Delta R.T. -0.41 min
Lab File: BG037439.D
Acq: 19 Oct 2018 3:46

Instrument :
BNA_G
ClientSampleId :
PB113698BL

Tgt Ion:167 Resp: 68

Ion	Ratio	Lower	Upper
167	100		
166	0.0	18.3	27.5#
139	0.0	10.5	15.7#

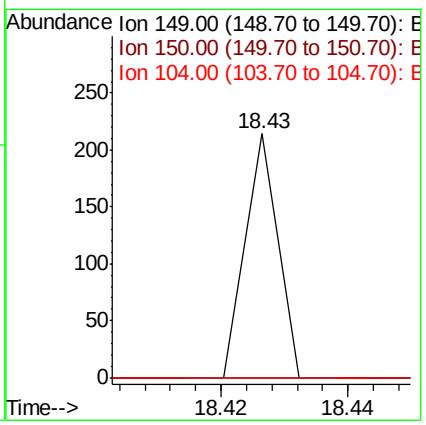


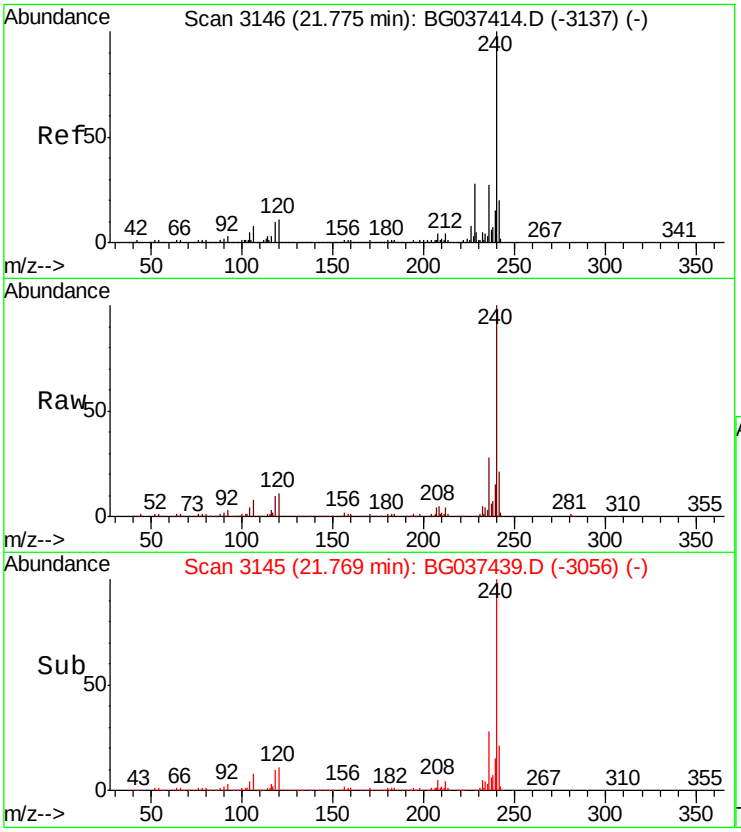


#74
Di-n-butylphthalate
Concen: 0.003 ng
RT: 18.43 min Scan# 2576
Delta R.T. -0.01 min
Lab File: BG037439.D
Acq: 19 Oct 2018 3:46

Tgt Ion:149 Resp: 75

Ion	Ratio	Lower	Upper
149	100		
150	0.0	8.2	12.2#
104	0.0	4.0	6.0#



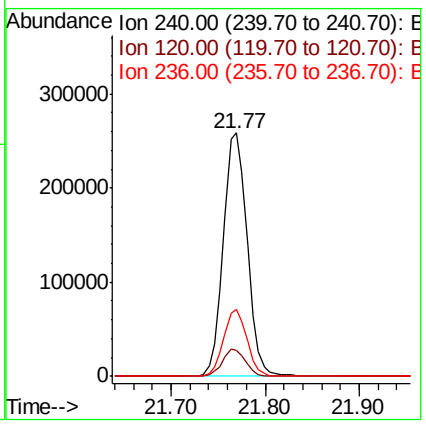


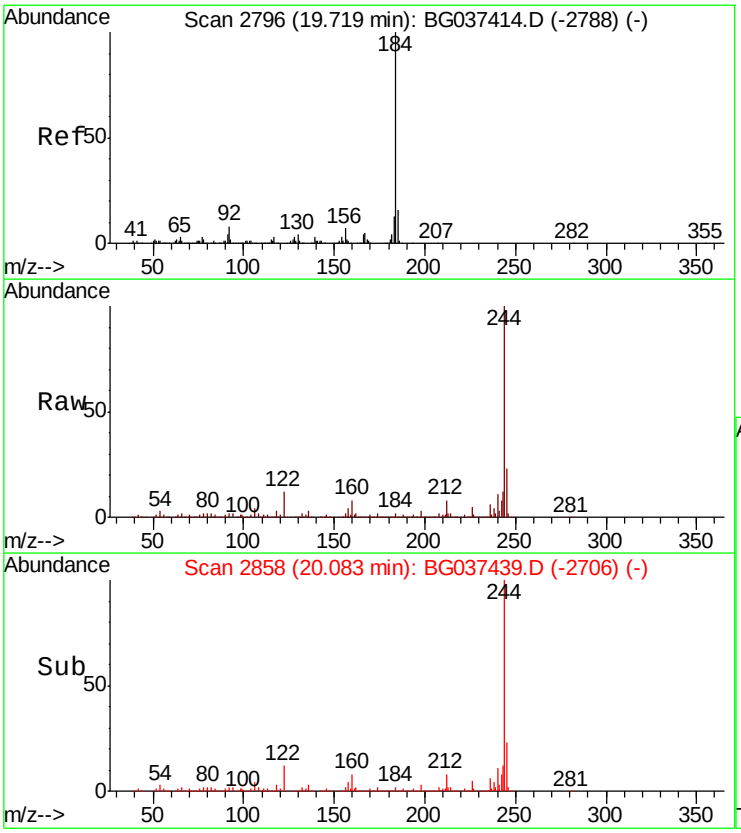
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037439.D
Acq: 19 Oct 2018 3:46

Instrument :
BNA_G
ClientSampleId :
PB113698BL

Tgt Ion:240 Resp: 457654

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.1	12.1
236	27.7	21.4	32.0

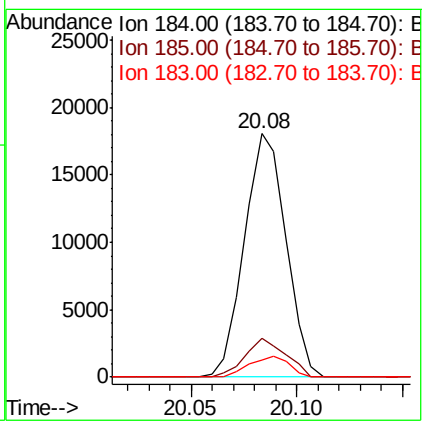


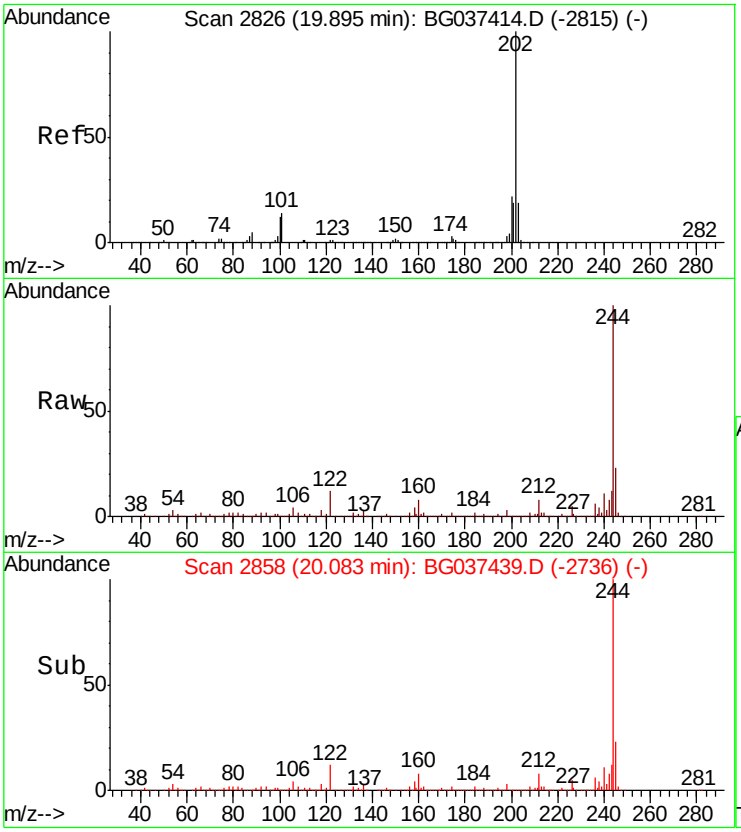


#77
Benzidine
Concen: 1.589 ng
RT: 20.08 min Scan# 2858
Delta R.T. 0.36 min
Lab File: BG037439.D
Acq: 19 Oct 2018 3:46

Tgt Ion:184 Resp: 24724

Ion	Ratio	Lower	Upper
184	100		
185	16.0	12.6	18.8
183	7.1	10.2	15.2#



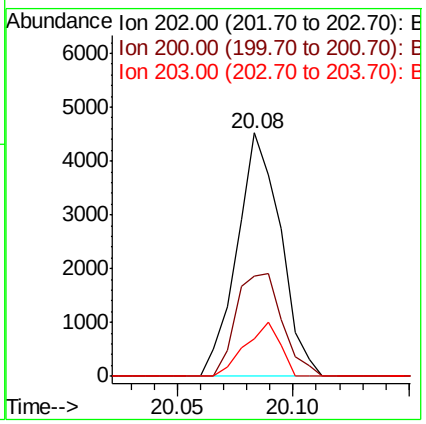


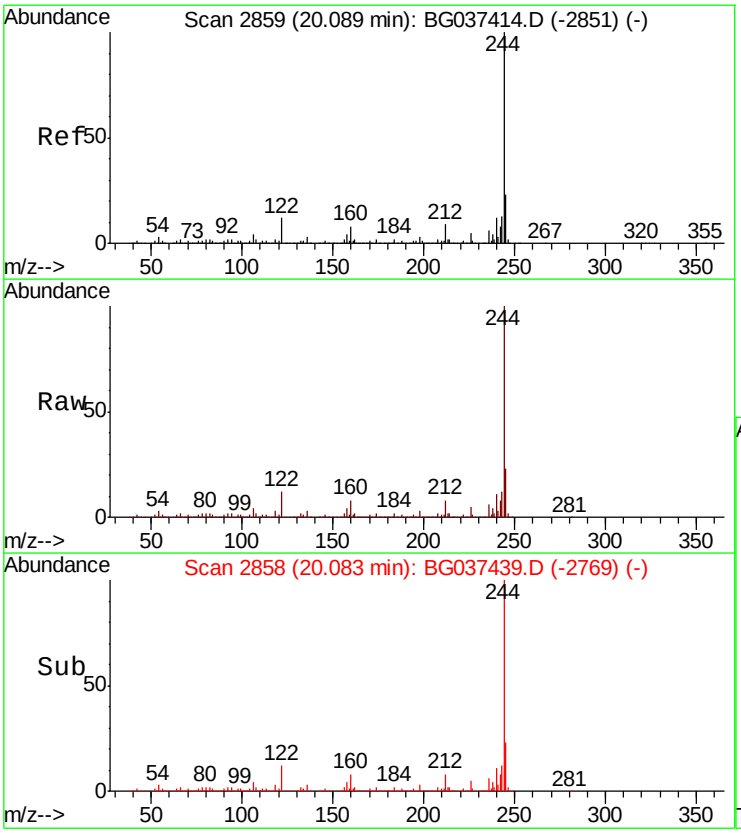
#78
Pyrene
Concen: 0.198 ng
RT: 20.08 min Scan# 2858
Delta R.T. 0.19 min
Lab File: BG037439.D
Acq: 19 Oct 2018 3:46

Instrument :
BNA_G
ClientSampleId :
PB113698BL

Tgt Ion:202 Resp: 5937

Ion	Ratio	Lower	Upper
202	100		
200	41.1	17.8	26.6#
203	15.7	15.2	22.8

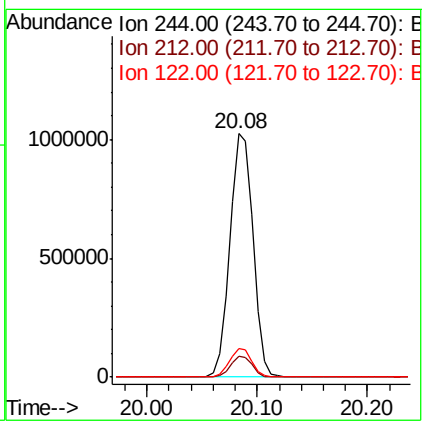


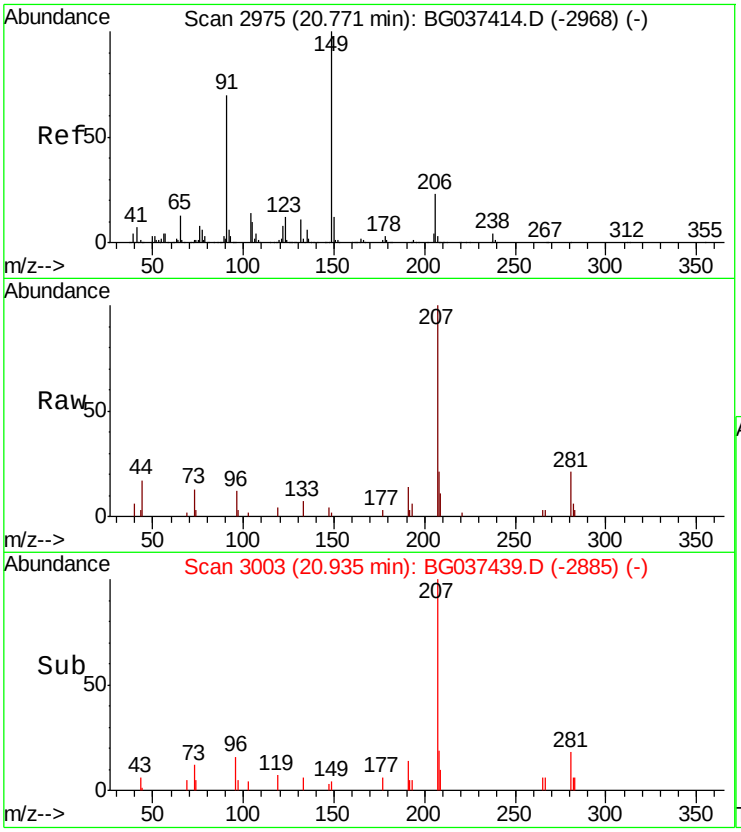


#79
Terphenyl-d14
Concen: 70.481 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG037439.D
Acq: 19 Oct 2018 3:46

Tgt Ion:244 Resp: 1509571

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	11.7	9.0	13.4



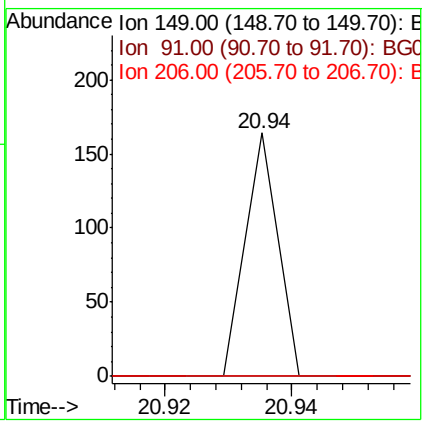


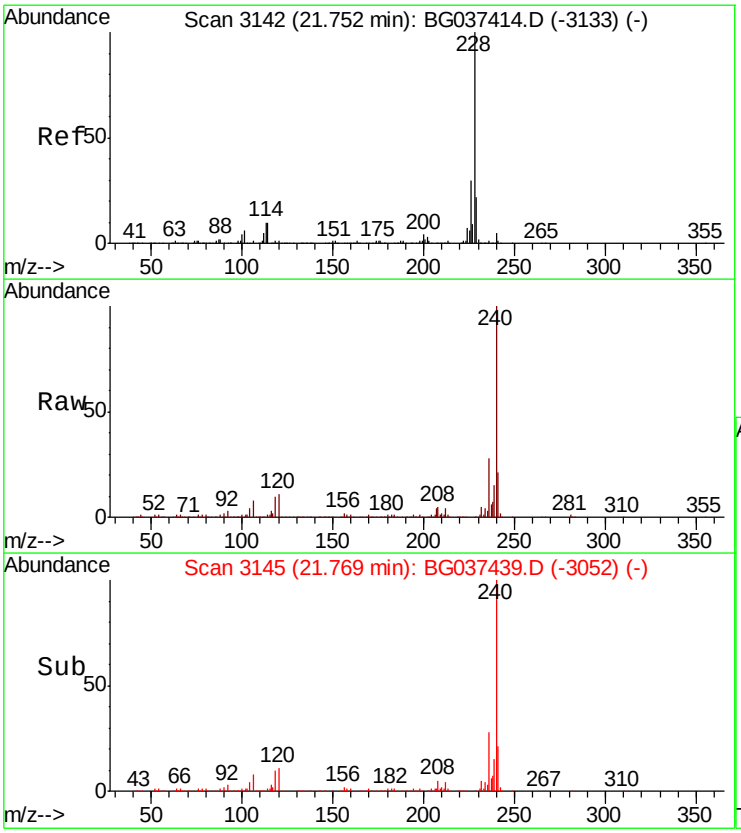
#80
Butylbenzylphthalate
Concen: 0.005 ng
RT: 20.94 min Scan# 3003
Delta R.T. 0.16 min
Lab File: BG037439.D
Acq: 19 Oct 2018 3:46

Instrument : BNA_G
ClientSampleId : PB113698BL

Tgt Ion:149 Resp: 58

Ion	Ratio	Lower	Upper
149	100		
91	0.0	57.0	85.4#
206	0.0	17.8	26.6#

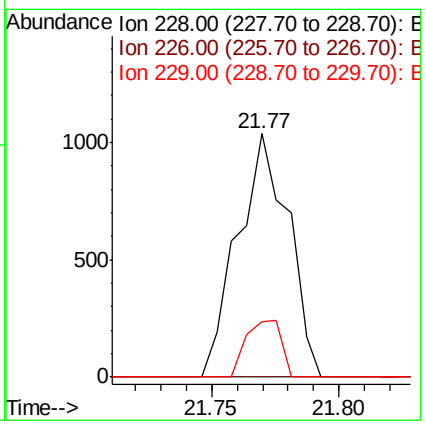


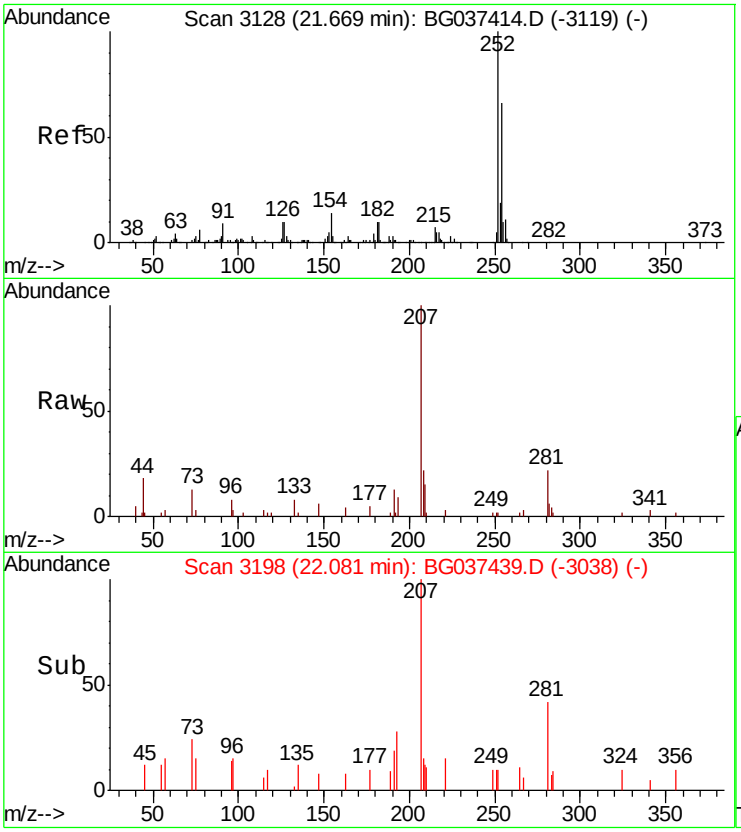


#81
Benzo(a)anthracene
Concen: 0.053 ng
RT: 21.77 min Scan# 3145
Delta R.T. 0.02 min
Lab File: BG037439.D
Acq: 19 Oct 2018 3:46

Tgt Ion:228 Resp: 1438

Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.6	33.8#
229	22.6	16.3	24.5



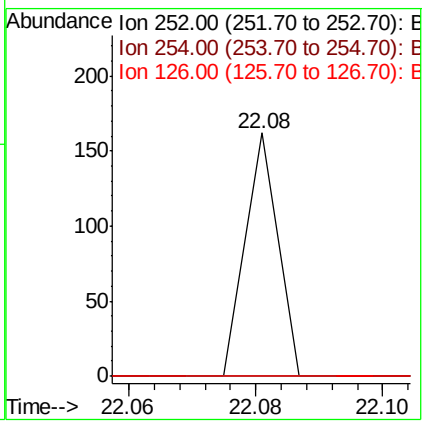


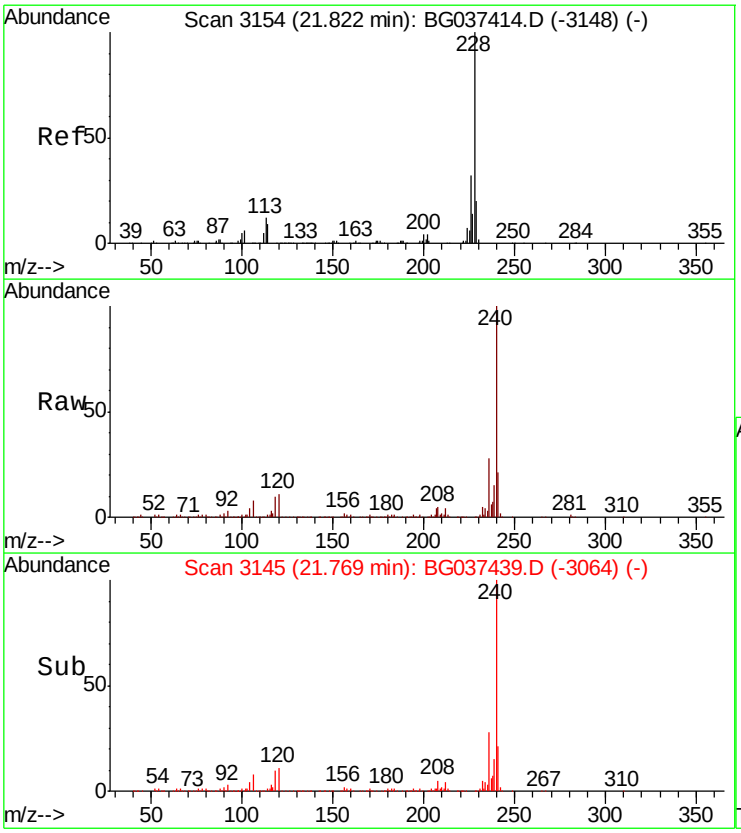
#82
3,3'-Dichlorobenzidine
Concen: 0.005 ng
RT: 22.08 min Scan# 3198
Delta R.T. 0.41 min
Lab File: BG037439.D
Acq: 19 Oct 2018 3:46

Instrument :
BNA_G
ClientSampleId :
PB113698BL

Tgt Ion:252 Resp: 57

Ion	Ratio	Lower	Upper
252	100		
254	0.0	52.0	78.0#
126	0.0	8.2	12.4#

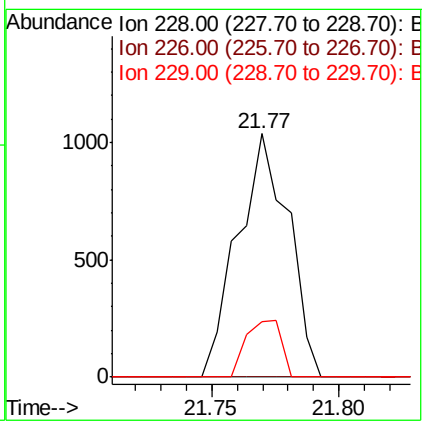


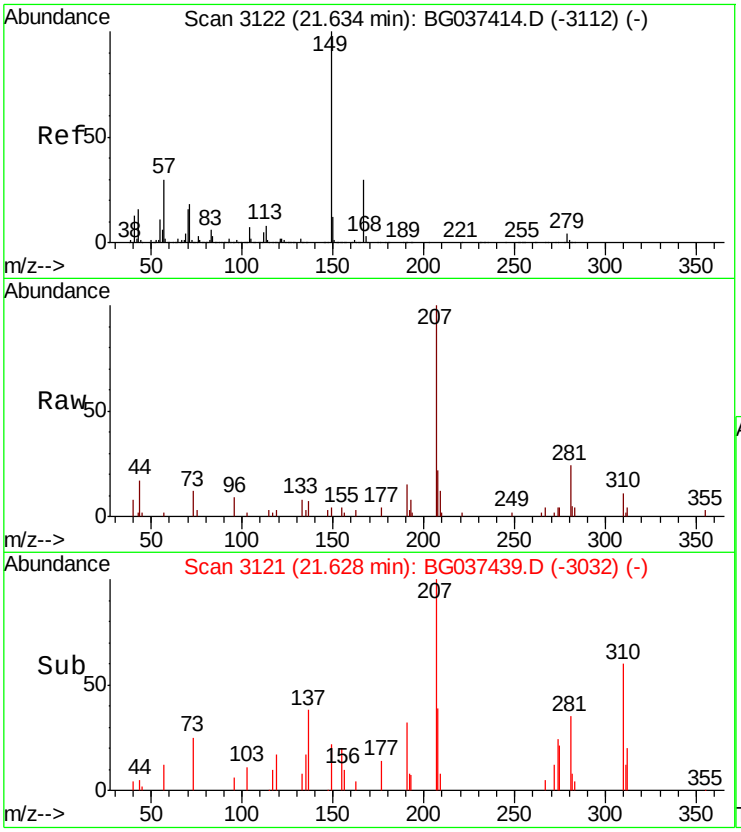


#83
Chrysene
Concen: 0.055 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.05 min
Lab File: BG037439.D
Acq: 19 Oct 2018 3:46

Tgt Ion:228 Resp: 1438

Ion	Ratio	Lower	Upper
228	100		
226	0.0	25.7	38.5#
229	22.6	16.5	24.7



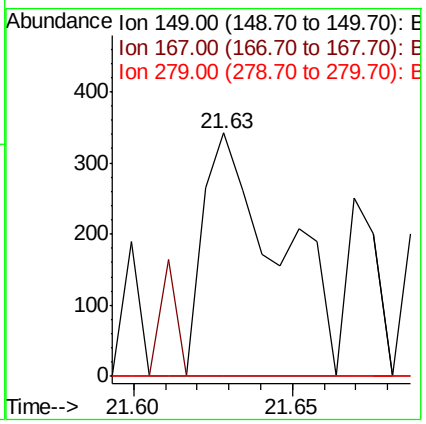


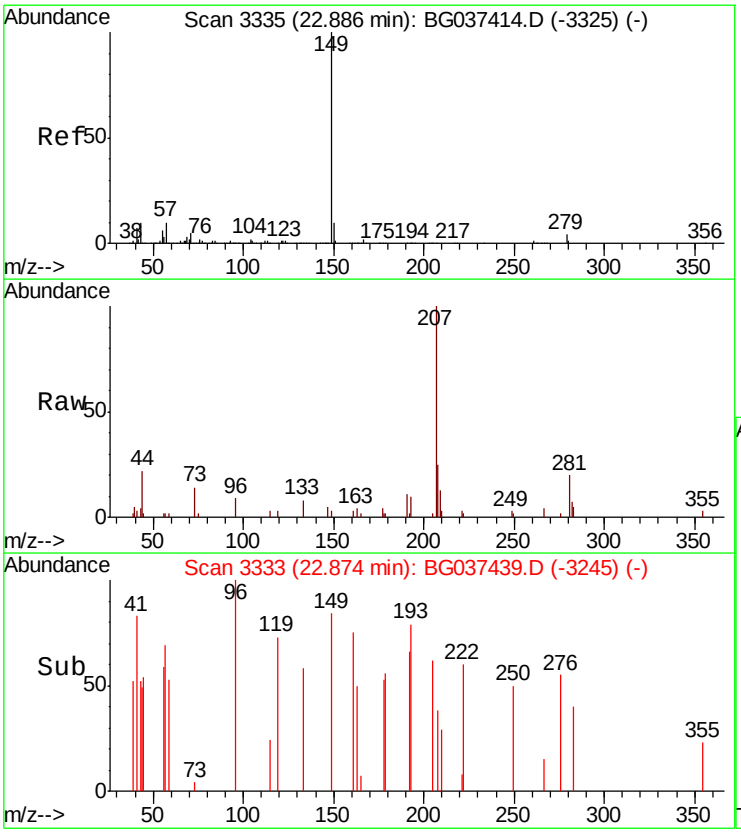
#84
Bis(2-ethylhexyl)phthalate
Concen: 0.033 ng
RT: 21.63 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BG037439.D
Acq: 19 Oct 2018 3:46

Instrument :
BNA_G
ClientSampleId :
PB113698BL

Tgt Ion:149 Resp: 562

Ion	Ratio	Lower	Upper
149	100		
167	0.0	23.0	34.4#
279	0.0	3.6	5.4#

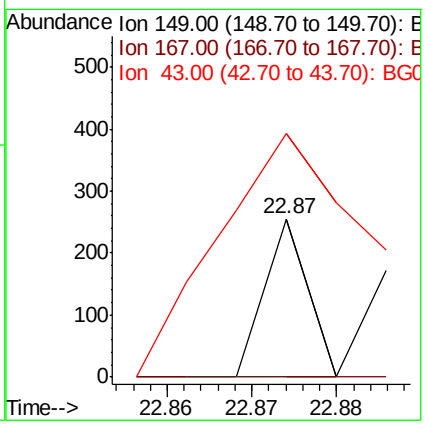


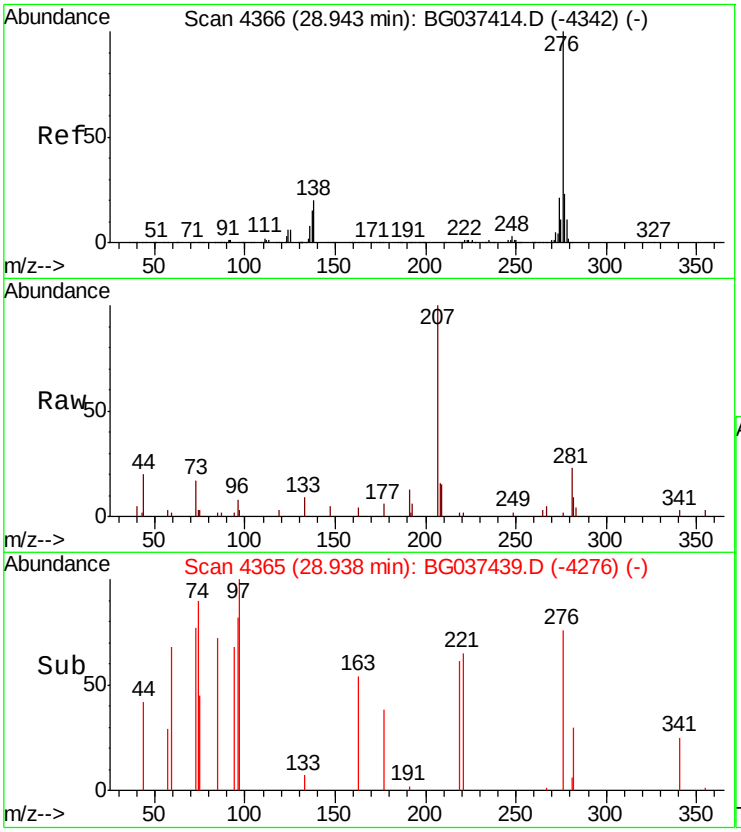


#85
Di-n-octyl phthalate
Concen: 0.003 ng
RT: 22.87 min Scan# 3333
Delta R.T. -0.01 min
Lab File: BG037439.D
Acq: 19 Oct 2018 3:46

Tgt Ion:149 Resp: 90

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	572.2	8.7	13.1#



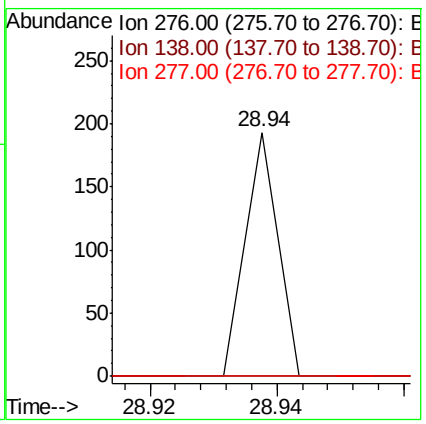


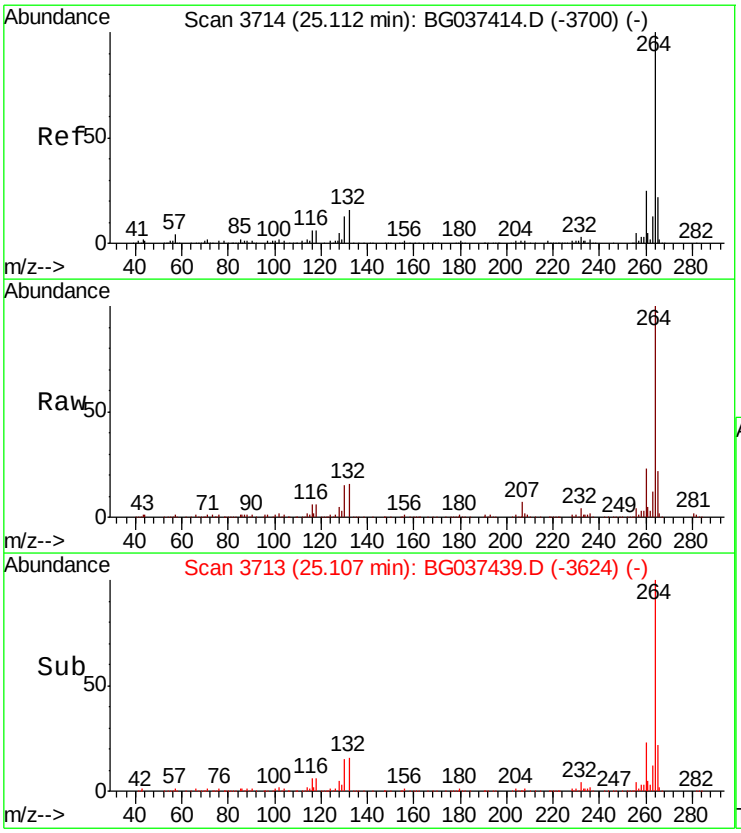
#86
Indeno(1,2,3-cd)pyrene
Concen: 0.002 ng
RT: 28.94 min Scan# 4365
Delta R.T. -0.01 min
Lab File: BG037439.D
Acq: 19 Oct 2018 3:46

Instrument :
BNA_G
ClientSampleId :
PB113698BL

Tgt Ion:276 Resp: 68

Ion	Ratio	Lower	Upper
276	100		
138	0.0	12.0	18.0#
277	0.0	20.6	30.8#

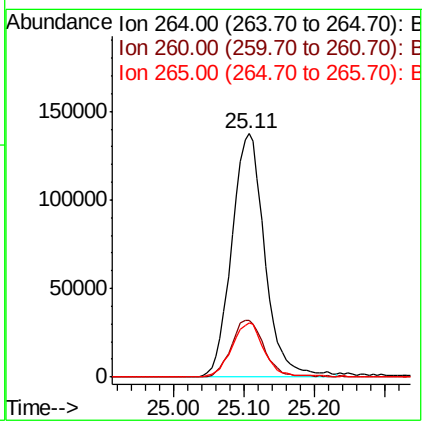


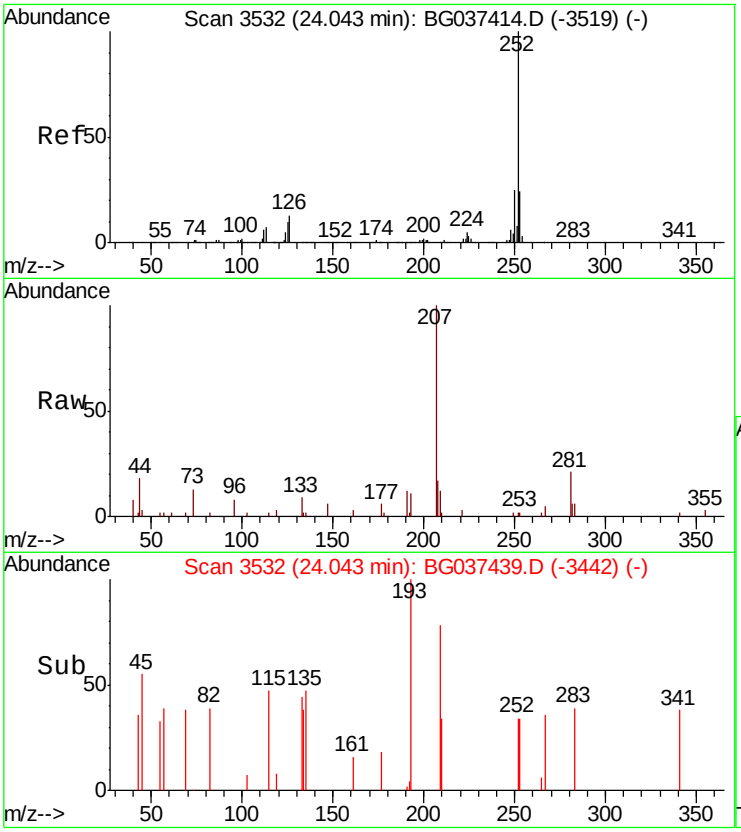


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG037439.D
Acq: 19 Oct 2018 3:46

Tgt Ion:264 Resp: 447935

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.4
265	22.1	17.9	26.9



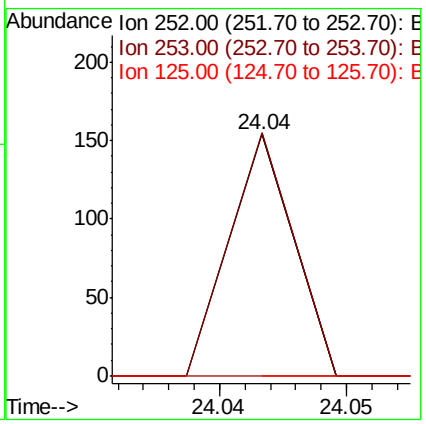


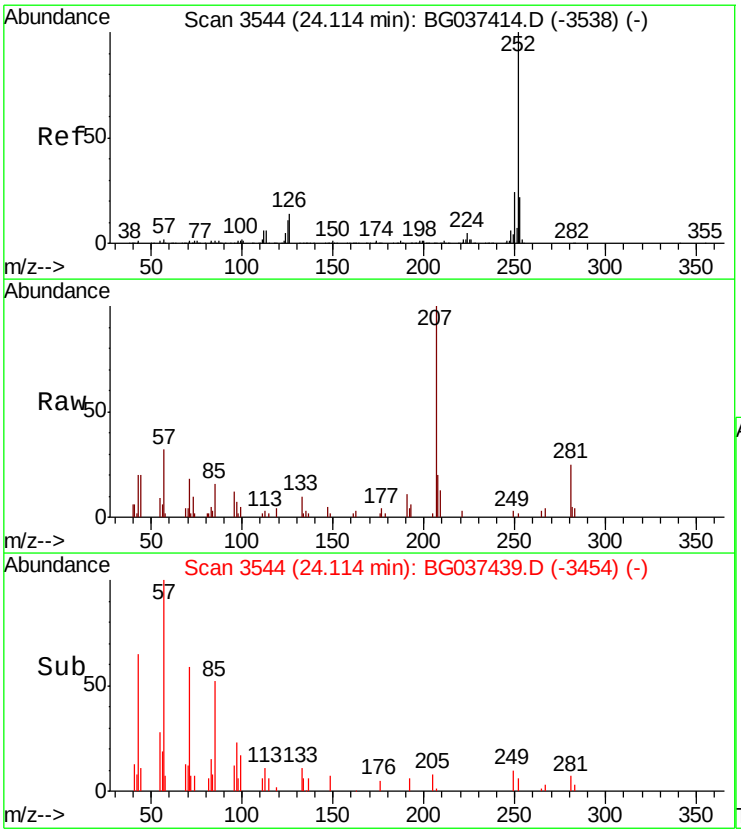
#88
Benzo(b)fluoranthene
Concen: 0.002 ng
RT: 24.04 min Scan# 3532
Delta R.T. 0.00 min
Lab File: BG037439.D
Acq: 19 Oct 2018 3:46

Instrument :
BNA_G
ClientSampleId :
PB113698BL

Tgt Ion:252 Resp: 54

Ion	Ratio	Lower	Upper
252	100		
253	100.6	18.2	27.2#
125	0.0	7.8	11.6#

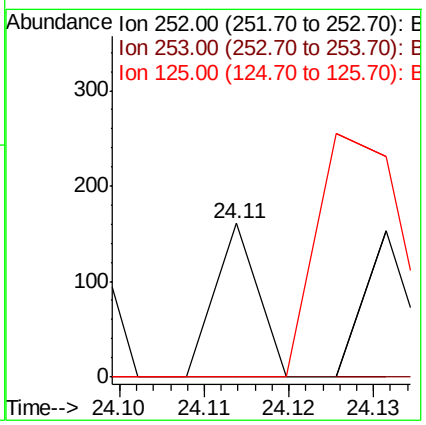


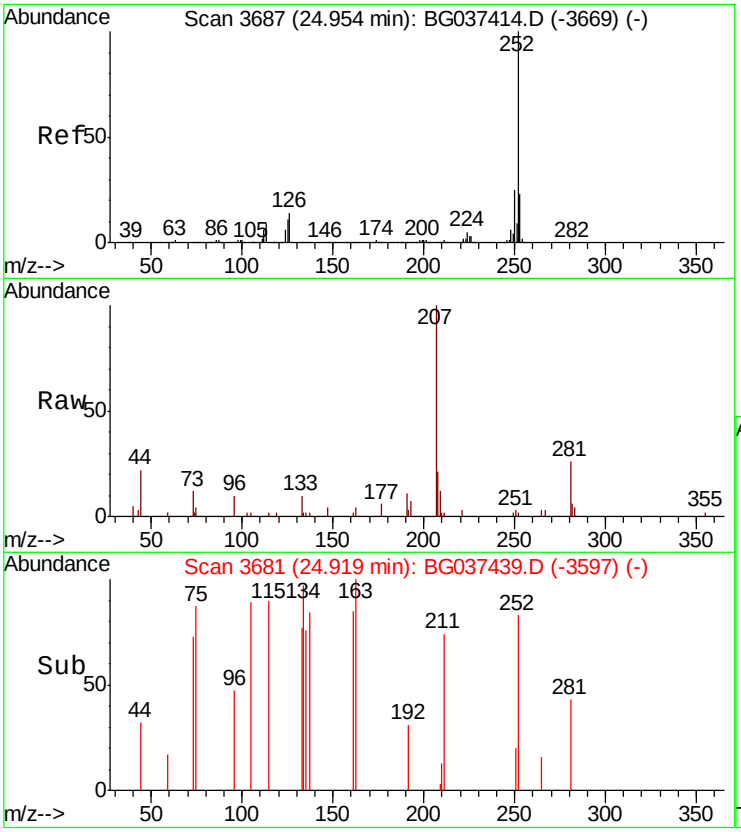


#89
Benzo(k)fluoranthene
Concen: 0.002 ng
RT: 24.11 min Scan# 3544
Delta R.T. 0.00 min
Lab File: BG037439.D
Acq: 19 Oct 2018 3:46

Tgt Ion:252 Resp: 57

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.4	26.2#
125	0.0	7.4	11.0#



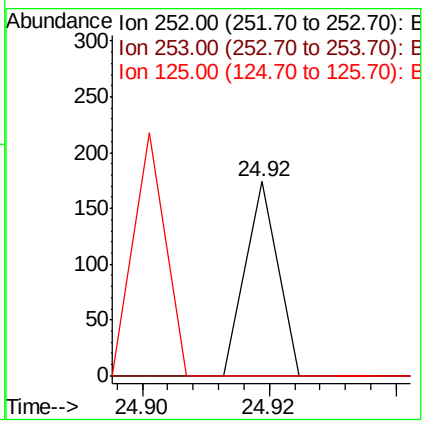


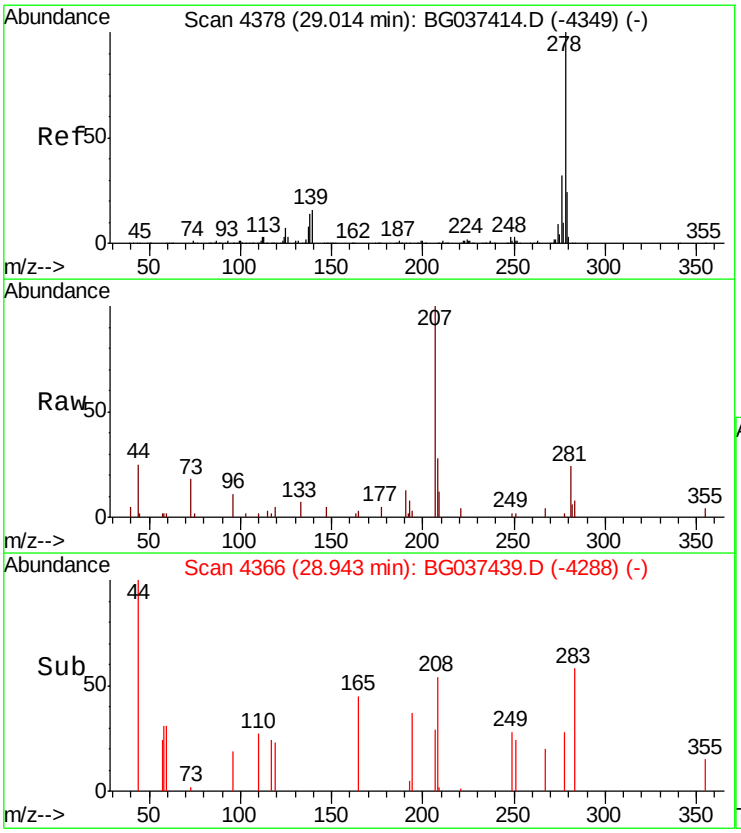
#90
Benzo(a)pyrene
Concen: 0.003 ng
RT: 24.92 min Scan# 3681
Delta R.T. -0.04 min
Lab File: BG037439.D
Acq: 19 Oct 2018 3:46

Instrument :
BNA_G
ClientSampleId :
PB113698BL

Tgt Ion:252 Resp: 61

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.4	26.2#
125	0.0	9.0	13.6#

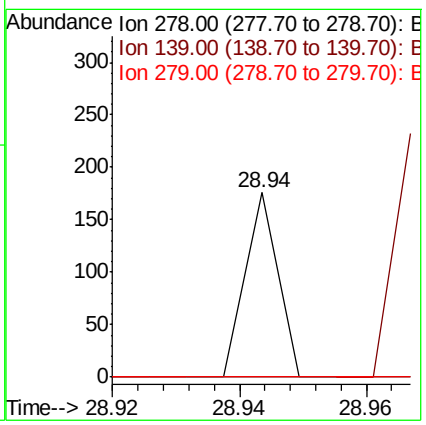


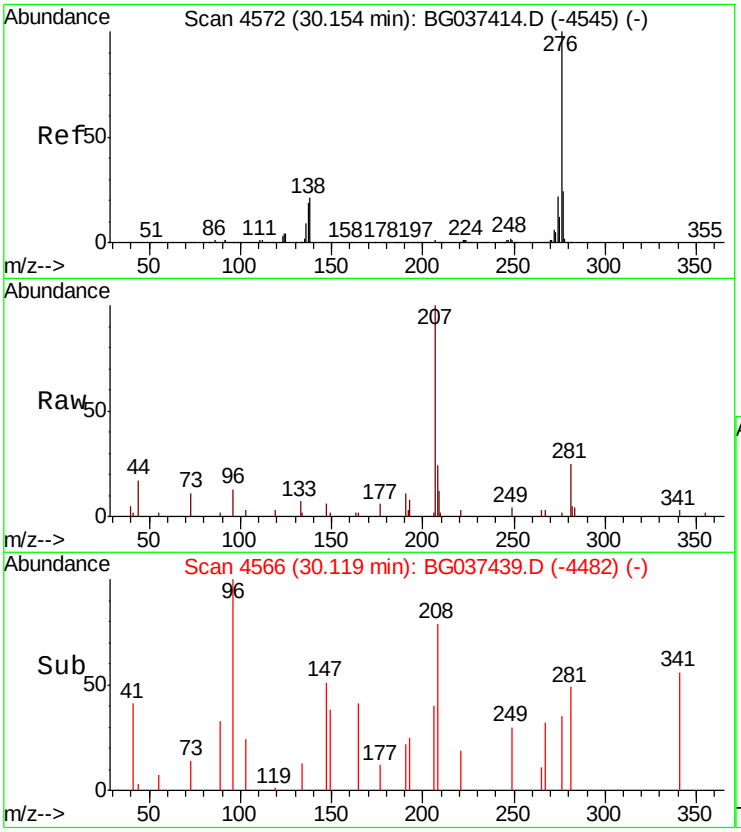


#91
Dibenzo(a,h)anthracene
Concen: 0.003 ng
RT: 28.94 min Scan# 4366
Delta R.T. -0.07 min
Lab File: BG037439.D
Acq: 19 Oct 2018 3:46

Tgt Ion:278 Resp: 62

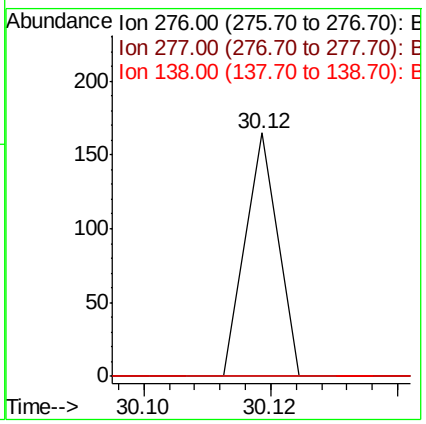
Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.5	17.3#
279	0.0	18.6	27.8#





#92
Benzo(g,h,i)perylene
Concen: 0.003 ng
RT: 30.12 min Scan# 4566
Delta R.T. -0.04 min
Lab File: BG037439.D
Acq: 19 Oct 2018 3:46

Instrument :
BNA_G
ClientSampleId :
PB113698BL

Tgt Ion:276 Resp: 58

Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.9	28.3#
138	0.0	17.2	25.8#