Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101818\
Data File : BG037421.D
Acq On : 18 Oct 2018 16:01
Operator : JU/SJ
Sample : PB113672BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB113672BL

Quant Time: Oct 19 07:14:28 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	63188	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	272478	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	189944	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	490278	20.00	ng	0.00
76) Chrysene-d12	21.77	240	465263	20.00	ng	0.00
87) Perylene-d12	25.11	264	453692	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	456462	120.77	ng	0.00
7) Phenol-d6	7.25	99	645068	112.87	ng	0.00
23) Nitrobenzene-d5	9.29	82	362942	74.62	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	246437	118.95	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	904199	71.78	ng	0.00
79) Terphenyl-d14	20.09	244	1533604	70.43	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	290	0.151	ng	# 1
4) n-Nitrosodimethylamine	3.85	42	178	0.103	ng	# 1
6) Aniline	7.63	93	587	0.084	ng	# 1
8) 2-Chlorophenol	7.63	128	119	0.027	ng	# 1
9) Benzaldehyde	7.25	77	961	0.269	ng	# 4
10) Phenol	7.25	94	55	0.009	ng	# 1
11) bis(2-Chloroethyl)ether	7.63	93	587	0.128	ng	# 1
12) 1,3-Dichlorobenzene	8.42	146	70	0.014	ng	# 1
13) 1,4-Dichlorobenzene	8.42	146	70	0.014	ng	# 1
14) 1,2-Dichlorobenzene	8.42	146	70	0.014	ng	# 1
15) Benzyl Alcohol	8.43	79	5380	1.274	ng	# 44
16) 2,2'-oxybis(1-Chloropropan	8.72	45	83	0.010	ng	74
17) 2-Methylphenol	8.43	107	74	0.019	ng	# 1
20) 3+4-Methylphenols	8.43	107	74	0.013	ng	# 1
24) Nitrobenzene	9.29	77	1040	0.206	ng	# 41
25) Isophorone	9.39	82	897	0.101	ng	# 67
46) 1,1'-Biphenyl	13.58	154	1415	0.090	ng	74
48) 2-Nitroaniline	13.36	65	1245	0.345	ng	# 3
50) Dimethylphthalate	14.19	163	53	0.004	ng	# 76
52) Acenaphthene	14.74	154	765	0.069	ng	# 3
58) Fluorene	16.23	166	11462	0.838	ng	# 79
63) Azobenzene	16.23	77	1245	0.086	ng	# 1
66) n-Nitrosodiphenylamine	16.23	169	10186	0.691	ng	# 47
68) Hexachlorobenzene	16.28	284	54	0.010	ng	# 39
71) Phenanthrene	17.49	178	156	0.006	ng	# 59
72) Anthracene	17.49	178	156	0.006	ng	# 60
77) Benzidine	20.09	184	24805	1.568	ng	# 89
78) Pyrene	20.09	202	5780	0.190	ng	# 70
80) Butylbenzylphthalate	20.82	149	73	0.006	ng	# 82
81) Benzo(a)anthracene	21.77	228	1440	0.052	ng	# 68
82) 3,3'-Dichlorobenzidine	21.67	252	64	0.006	ng	# 25
83) Chrysene	21.77	228	1440	0.054	ng	# 64
84) Bis(2-ethylhexyl)phthalate	21.62	149	271	0.016	ng	# 51
85) Di-n-octyl phthalate	22.89	149	59	0.002	ng	# 74

Quantitation Report (QT/LSC Reviewed)

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Operator : JU/SJ
Sample : PB113672BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB113672BL

Quant Time: Oct 19 07:14:28 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)
86) Indeno(1,2,3-cd)pyrene	29.13	276	59	0.002	ng	#	55
88) Benzo(b)fluoranthene	24.05	252	66	0.003	ng	#	59
89) Benzo(k)fluoranthene	24.12	252	92	0.004	ng	#	9
90) Benzo(a)pyrene	24.96	252	63	0.003	ng	#	60
91) Dibenzo(a,h)anthracene	29.00	278	75	0.003	ng	#	57
92) Benzo(g,h,i)perylene	30.14	276	55	0.002	ng	#	53

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

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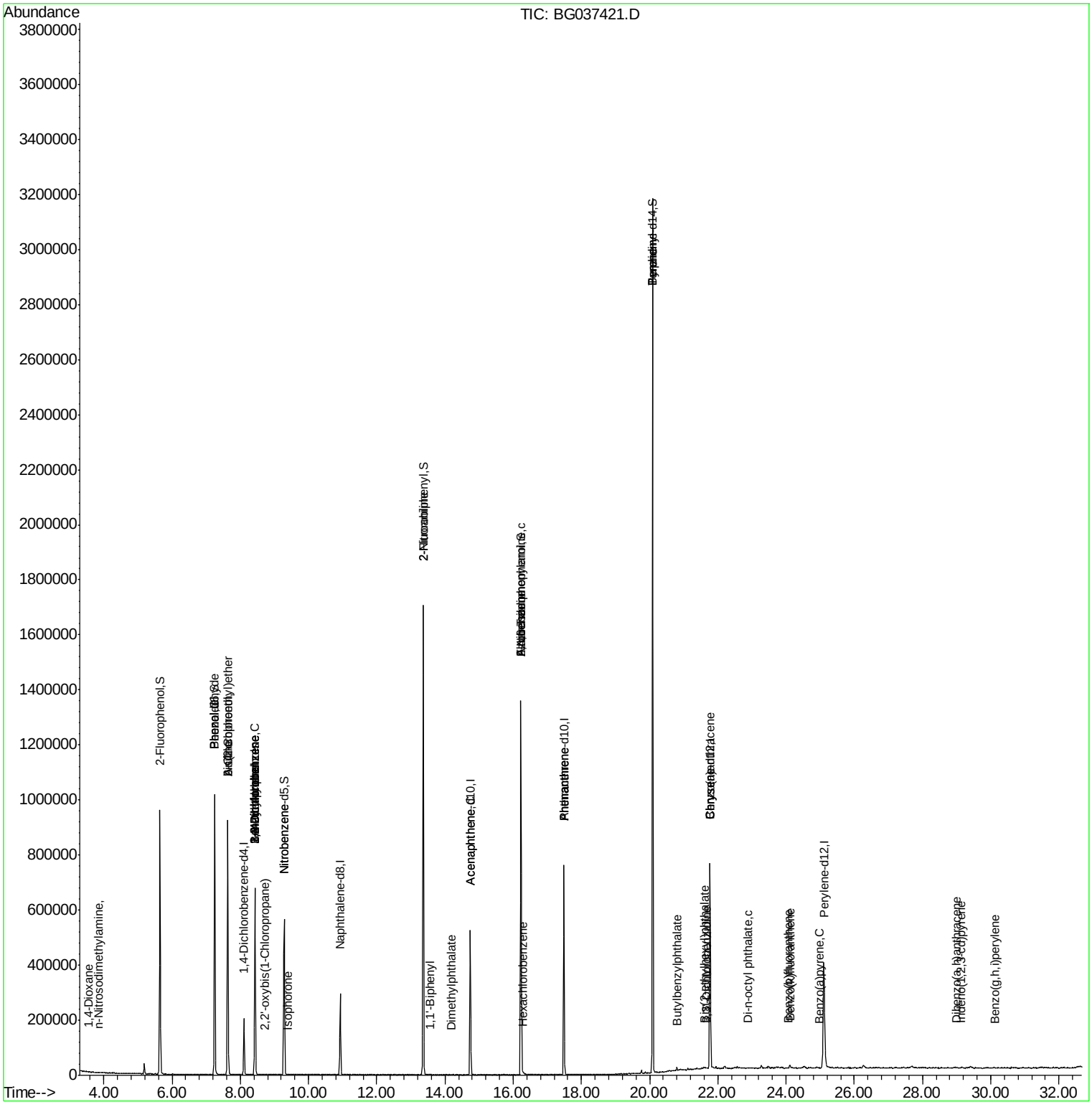
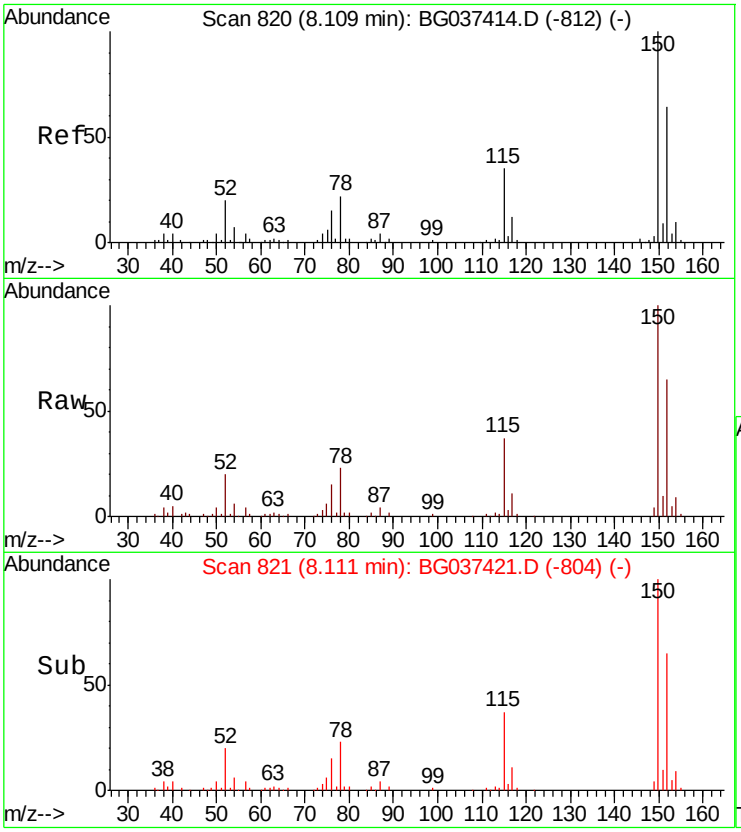


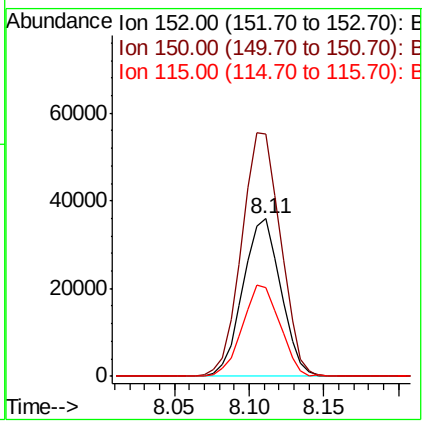


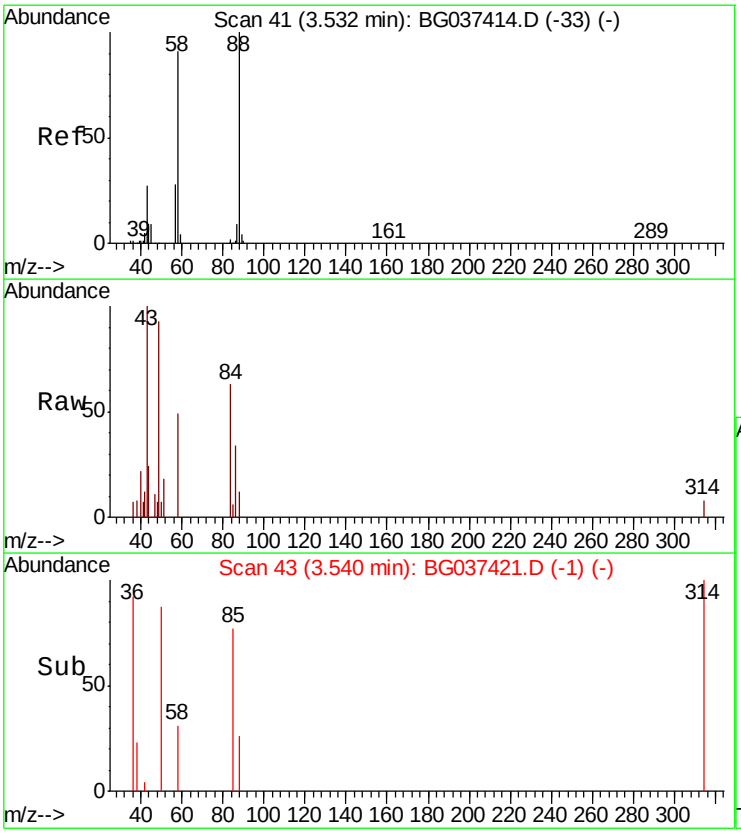
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Instrument :
BNA_G
ClientSampleId :
PB113672BL

Tgt Ion:152 Resp: 63188

Ion	Ratio	Lower	Upper
152	100		
150	153.6	126.0	189.0
115	56.4	45.5	68.3

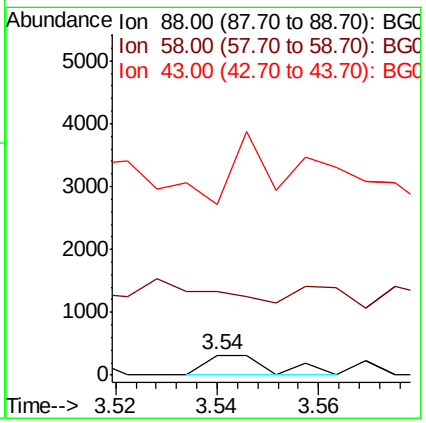


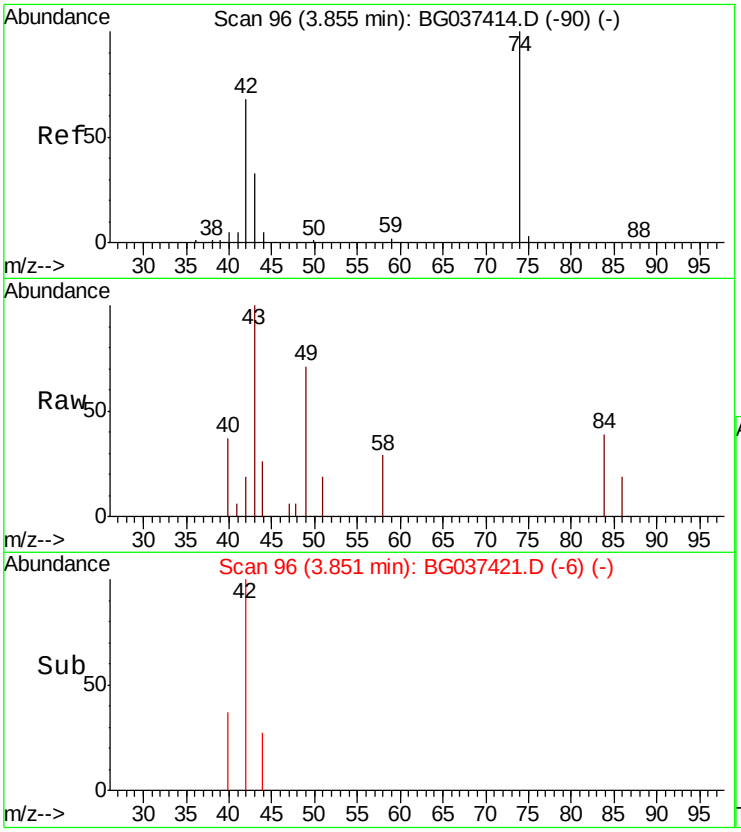


#2
1,4-Dioxane
Concen: 0.151 ng
RT: 3.54 min Scan# 43
Delta R.T. 0.01 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Tgt Ion: 88 Resp: 290

Ion	Ratio	Lower	Upper
88	100		
58	0.0	74.4	111.6#
43	444.1	25.8	38.8#



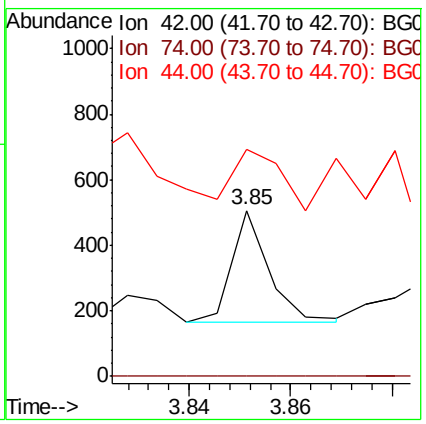


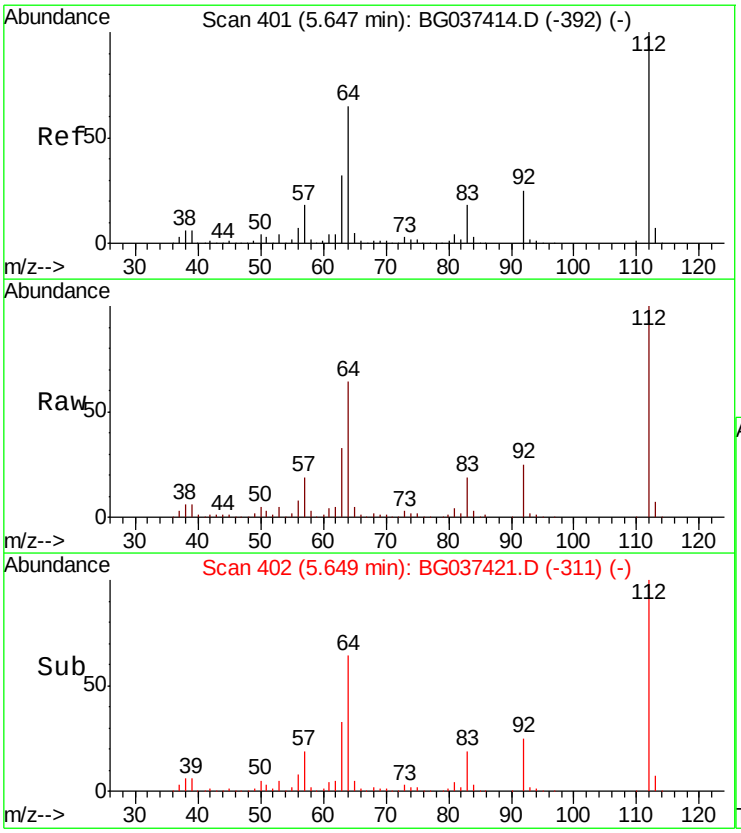
#4
n-Nitrosodimethylamine
Concen: 0.103 ng
RT: 3.85 min Scan# 96
Delta R.T. -0.00 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Instrument :
BNA_G
ClientSampleId :
PB113672BL

Tgt Ion: 42 Resp: 178

Ion	Ratio	Lower	Upper
42	100		
74	0.0	102.0	153.0#
44	136.8	9.6	14.4#

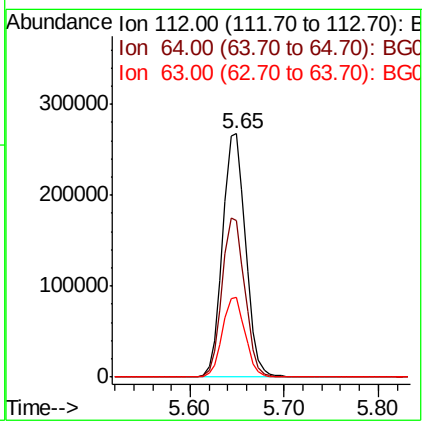


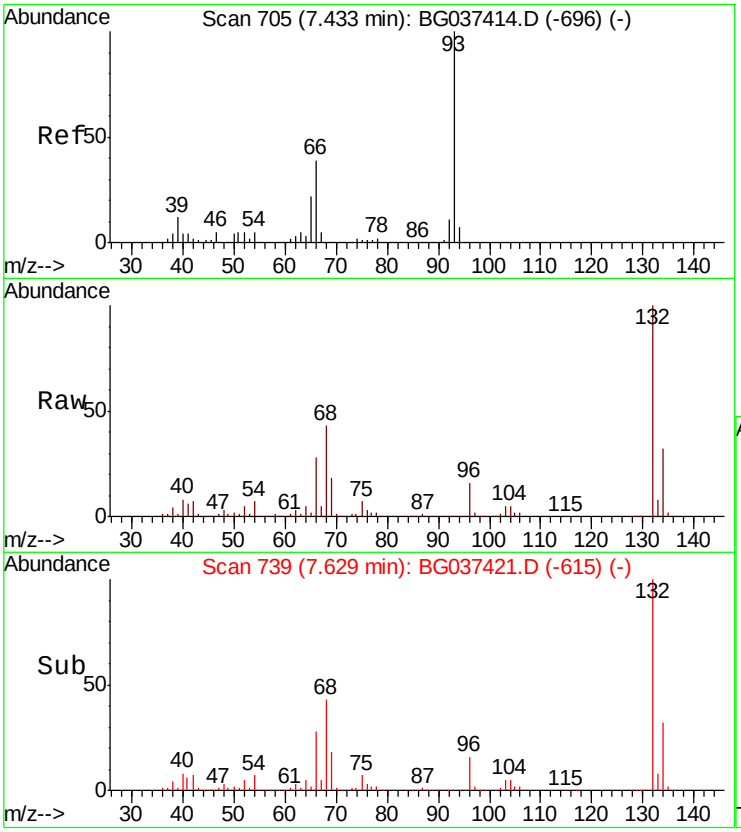


#5
2-Fluorophenol
Concen: 120.773 ng
RT: 5.65 min Scan# 402
Delta R.T. 0.00 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Tgt Ion:112 Resp: 456462

Ion	Ratio	Lower	Upper
112	100		
64	64.5	53.1	79.7
63	32.9	27.3	40.9



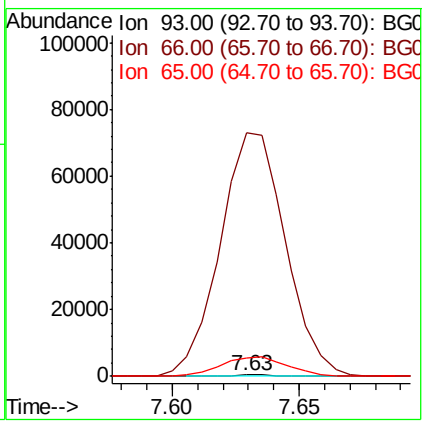


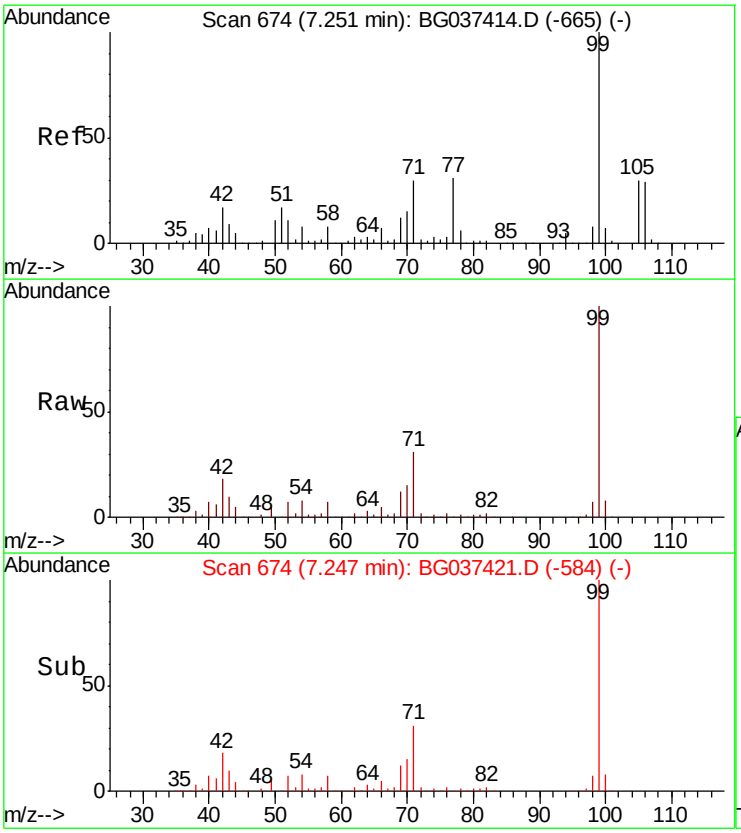
#6
Aniline
Concen: 0.084 ng
RT: 7.63 min Scan# 739
Delta R.T. 0.20 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Instrument :
BNA_G
ClientSampleId :
PB113672BL

Tgt Ion: 93 Resp: 587

Ion	Ratio	Lower	Upper
93	100		
66	16659.4	32.8	49.2#
65	1226.0	16.4	24.6#

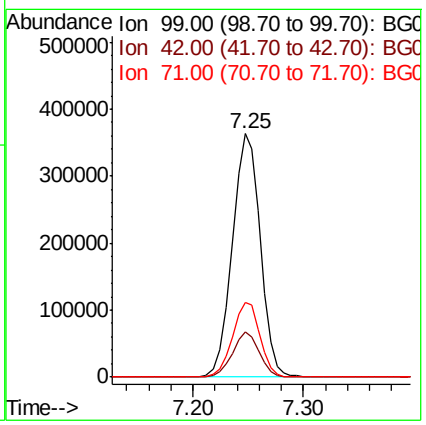


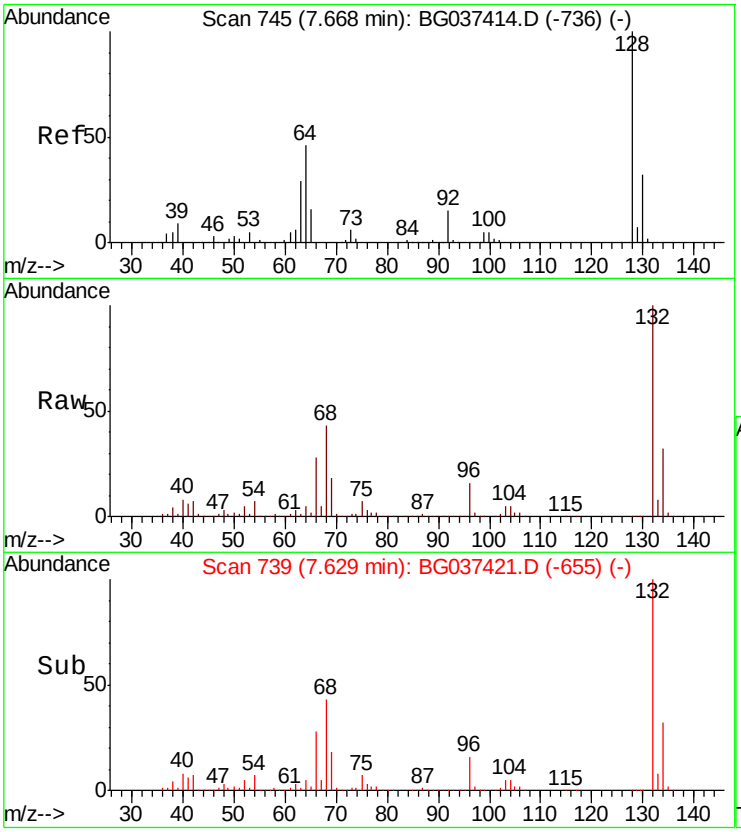


#7
Phenol-d6
Concen: 112.871 ng
RT: 7.25 min Scan# 674
Delta R.T. -0.00 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Tgt Ion: 99 Resp: 645068

Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.0	22.4
71	30.6	25.5	38.3



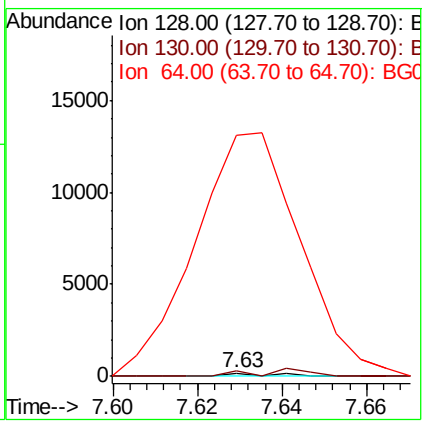


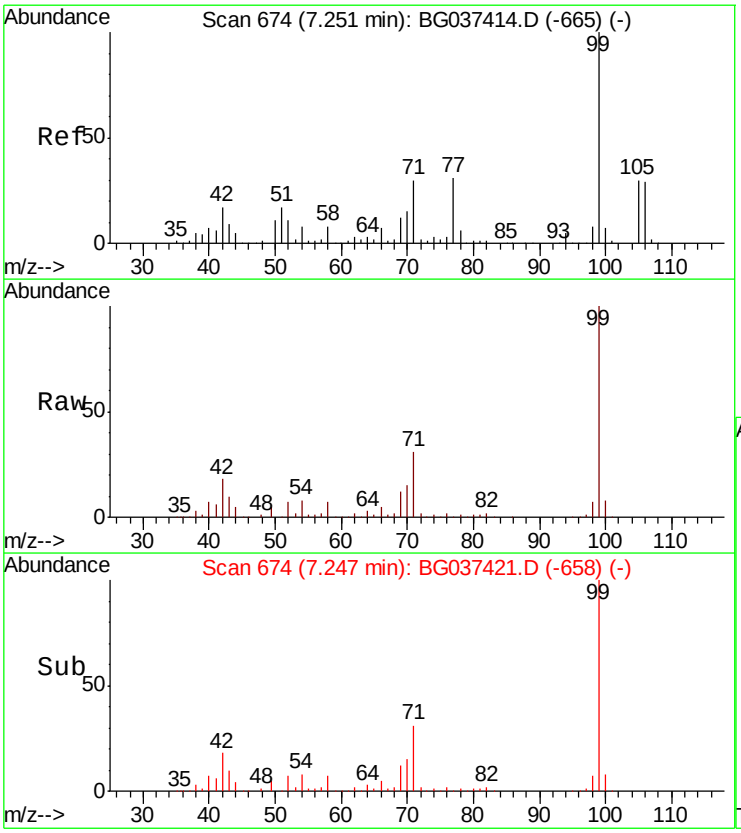
#8
2-Chlorophenol
Concen: 0.027 ng
RT: 7.63 min Scan# 739
Delta R.T. -0.04 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Instrument :
BNA_G
ClientSampleId :
PB113672BL

Tgt Ion:128 Resp: 119

Ion	Ratio	Lower	Upper
128	100		
130	63.7	12.0	52.0#
64	2939.5	32.9	72.9#

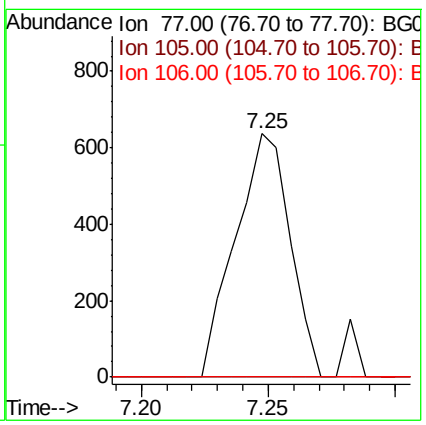


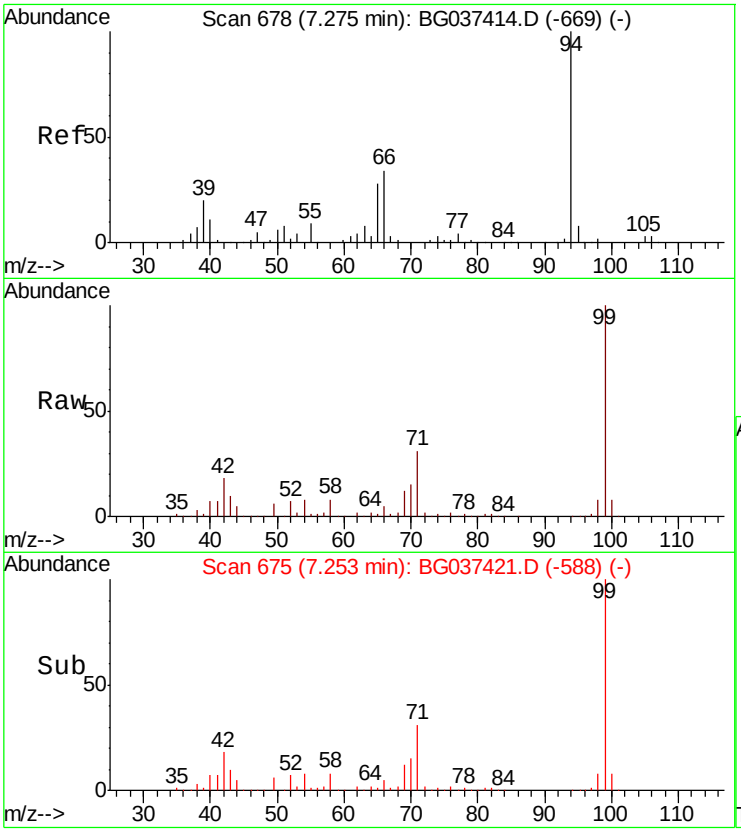


#9
Benzaldehyde
Concen: 0.269 ng
RT: 7.25 min Scan# 674
Delta R.T. -0.00 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Tgt Ion: 77 Resp: 961

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



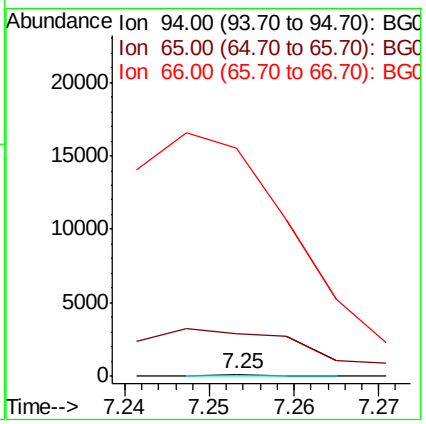


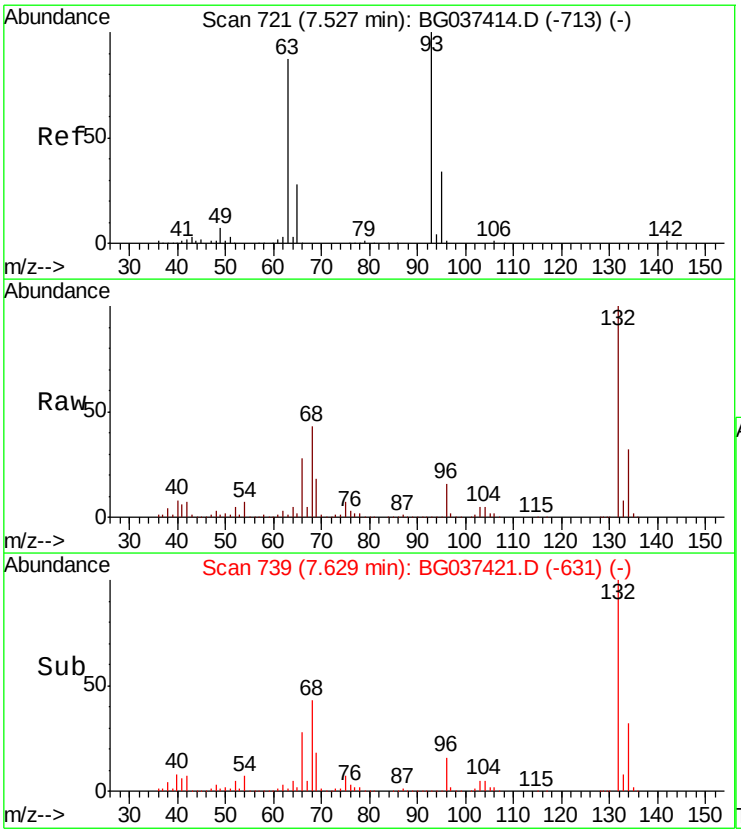
#10
Phenol
Concen: 0.009 ng
RT: 7.25 min Scan# 675
Delta R.T. -0.02 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Instrument :
BNA_G
ClientSampleId :
PB113672BL

Tgt Ion: 94 Resp: 55

Ion	Ratio	Lower	Upper
94	100		
65	1846.5	9.7	49.7#
66	10027.1	15.9	55.9#

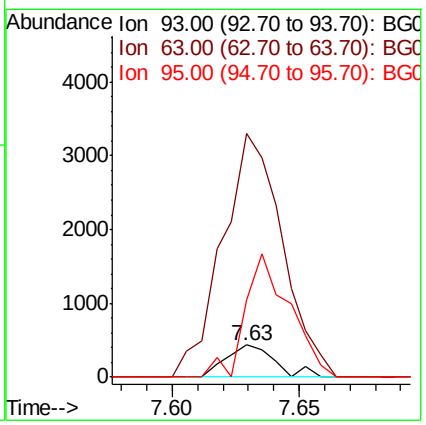


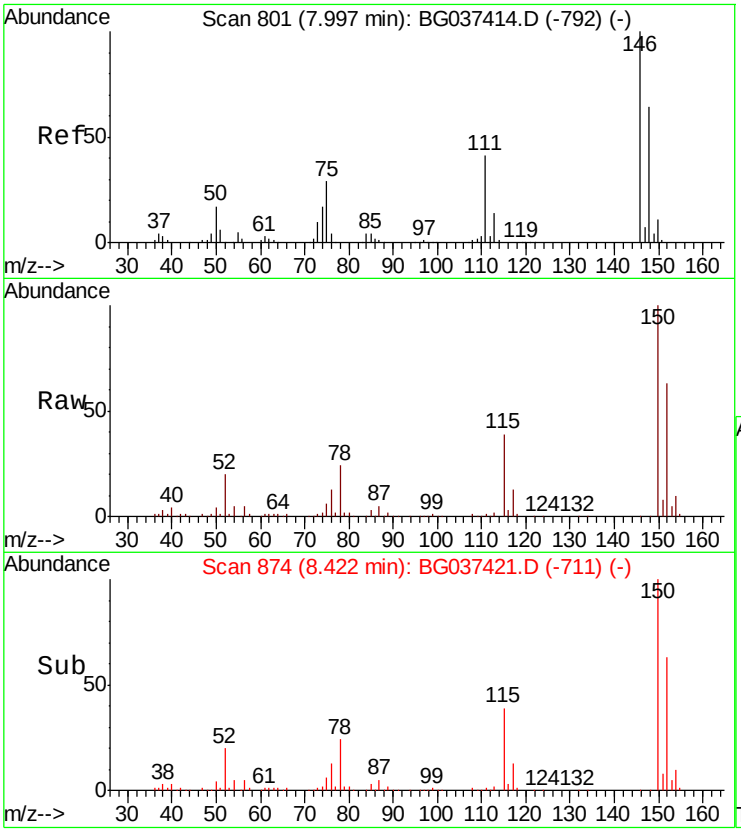


#11
bis(2-Chloroethyl)ether
Concen: 0.128 ng
RT: 7.63 min Scan# 739
Delta R.T. 0.10 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Tgt Ion: 93 Resp: 587

Ion	Ratio	Lower	Upper
93	100		
63	753.7	69.5	109.5#
95	238.1	12.6	52.6#



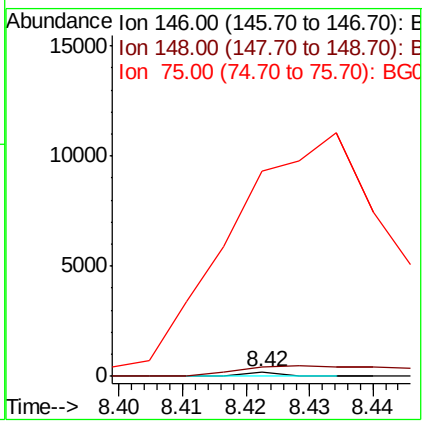


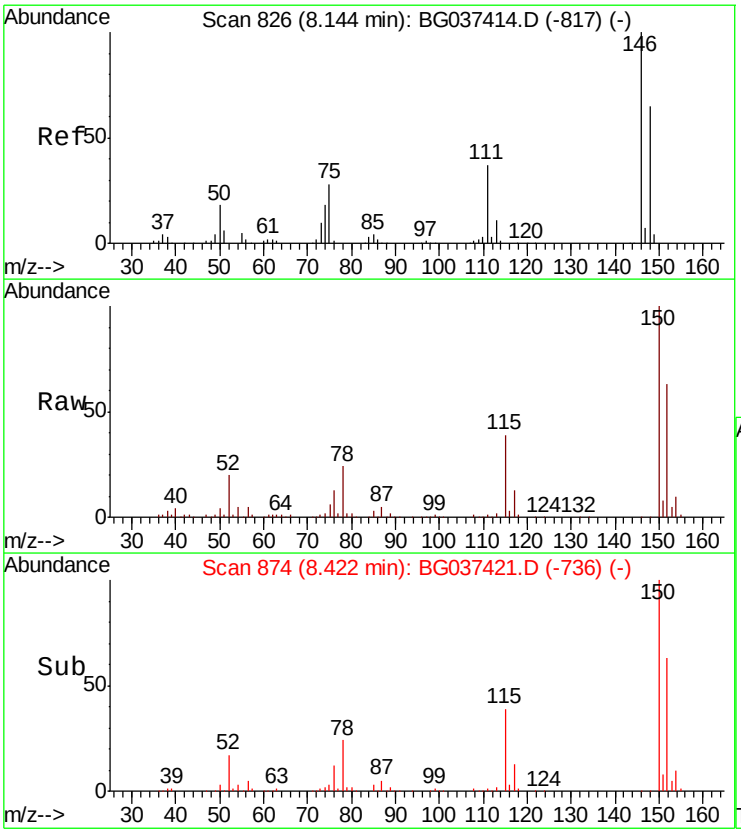
#12
1,3-Dichlorobenzene
Concen: 0.014 ng
RT: 8.42 min Scan# 874
Delta R.T. 0.43 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Instrument :
BNA_G
ClientSampleId :
PB113672BL

Tgt Ion:146 Resp: 70

Ion	Ratio	Lower	Upper
146	100		
148	224.1	49.8	74.8#
75	4675.4	23.2	34.8#

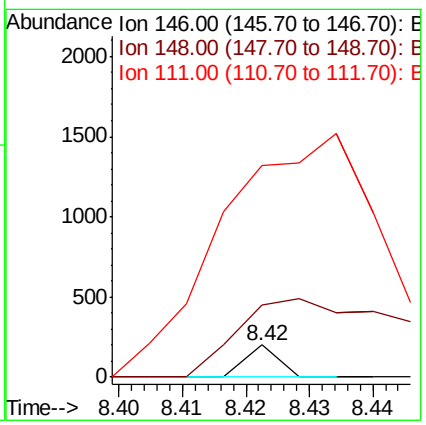


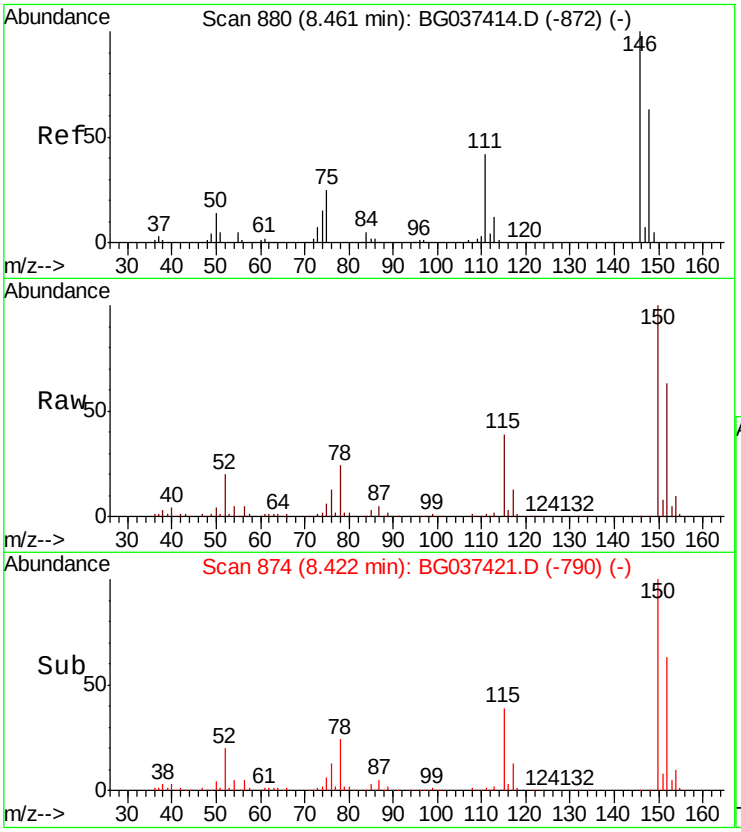


#13
1,4-Dichlorobenzene
Concen: 0.014 ng
RT: 8.42 min Scan# 874
Delta R.T. 0.28 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Tgt Ion:146 Resp: 70

Ion	Ratio	Lower	Upper
146	100		
148	224.1	51.0	76.6#
111	665.3	32.4	48.6#



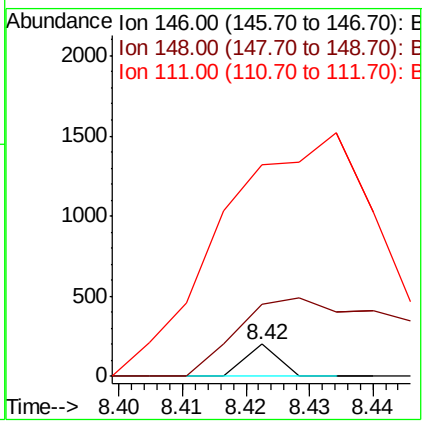


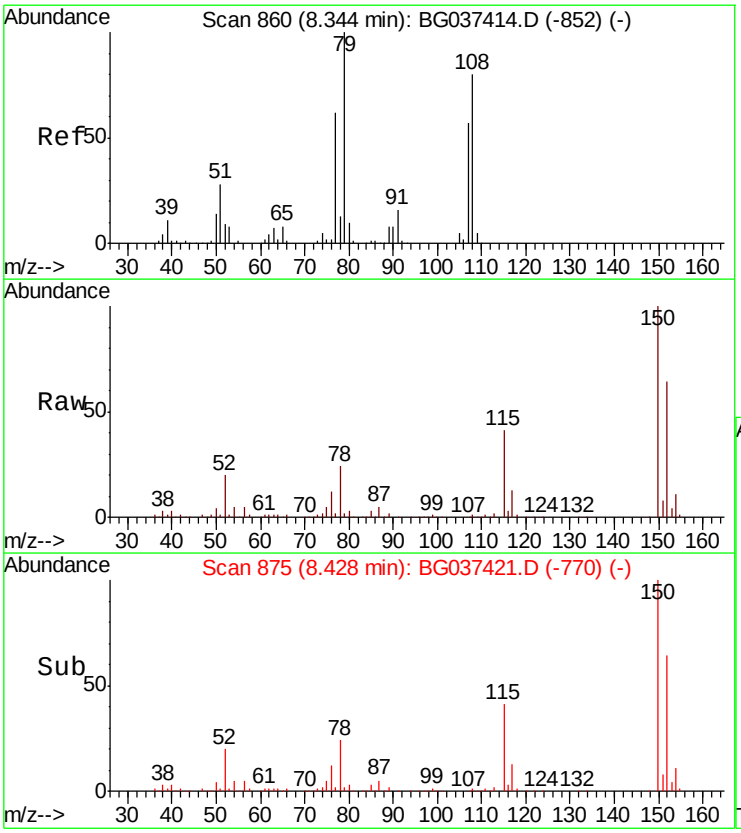
#14
1,2-Dichlorobenzene
Concen: 0.014 ng
RT: 8.42 min Scan# 874
Delta R.T. -0.04 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Instrument :
BNA_G
ClientSampleId :
PB113672BL

Tgt Ion:146 Resp: 70

Ion	Ratio	Lower	Upper
146	100		
148	224.1	50.4	75.6#
111	665.3	34.6	51.8#

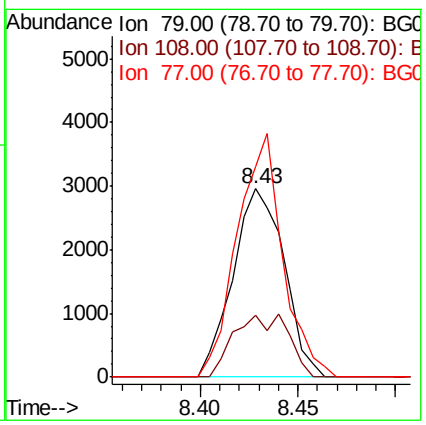


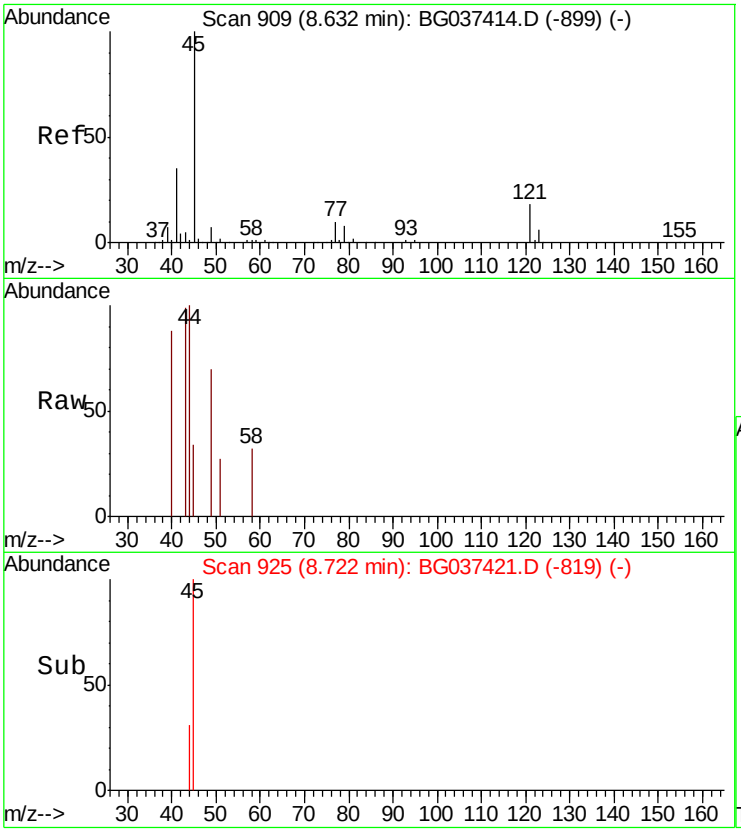


#15
Benzyl Alcohol
Concen: 1.274 ng
RT: 8.43 min Scan# 875
Delta R.T. 0.08 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Tgt Ion: 79 Resp: 5380

Ion	Ratio	Lower	Upper
79	100		
108	32.6	65.8	98.8#
77	111.7	52.9	79.3#



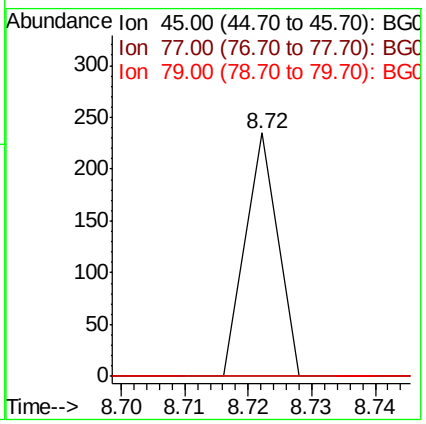


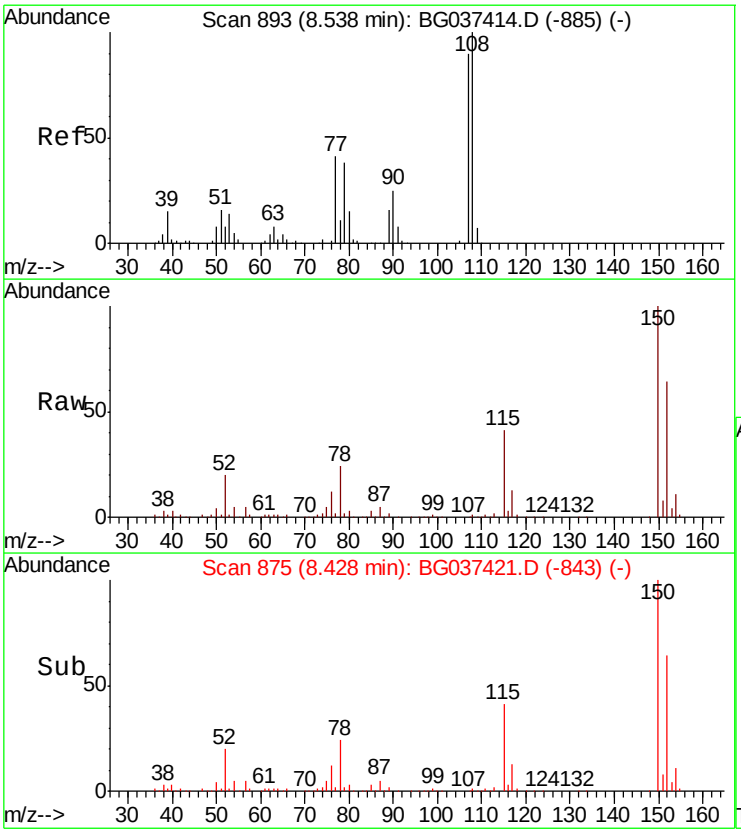
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.010 ng
RT: 8.72 min Scan# 925
Delta R.T. 0.09 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Instrument :
BNA_G
ClientSampleId :
PB113672BL

Tgt Ion: 45 Resp: 83

Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	30.0
79	0.0	0.0	29.0

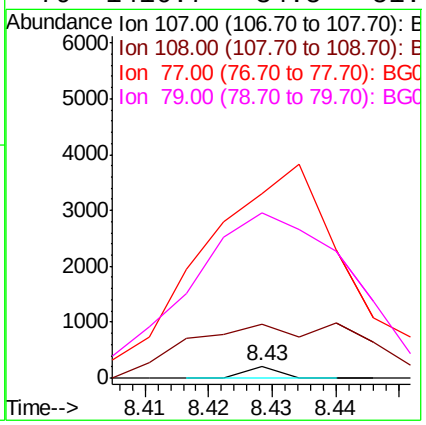


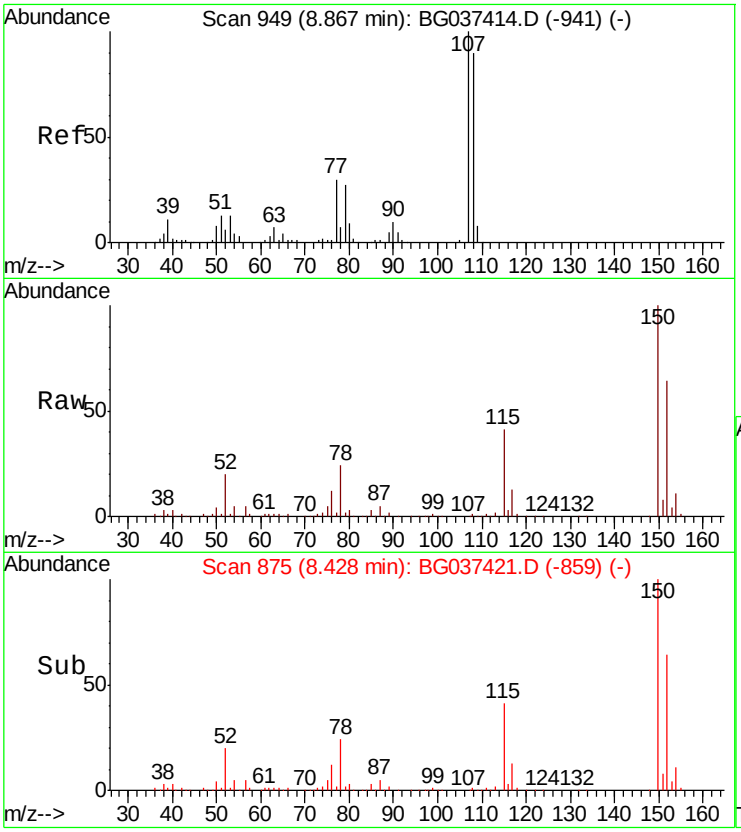


#17
2-Methylphenol
Concen: 0.019 ng
RT: 8.43 min Scan# 875
Delta R.T. -0.11 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Tgt Ion:107 Resp: 74

Ion	Ratio	Lower	Upper
107	100		
108	462.2	87.9	131.9#
77	1581.8	35.1	52.7#
79	1416.7	34.5	51.7#



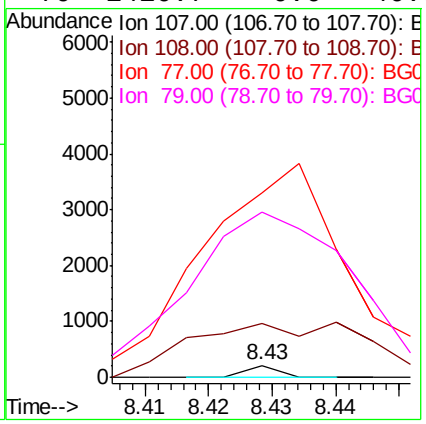


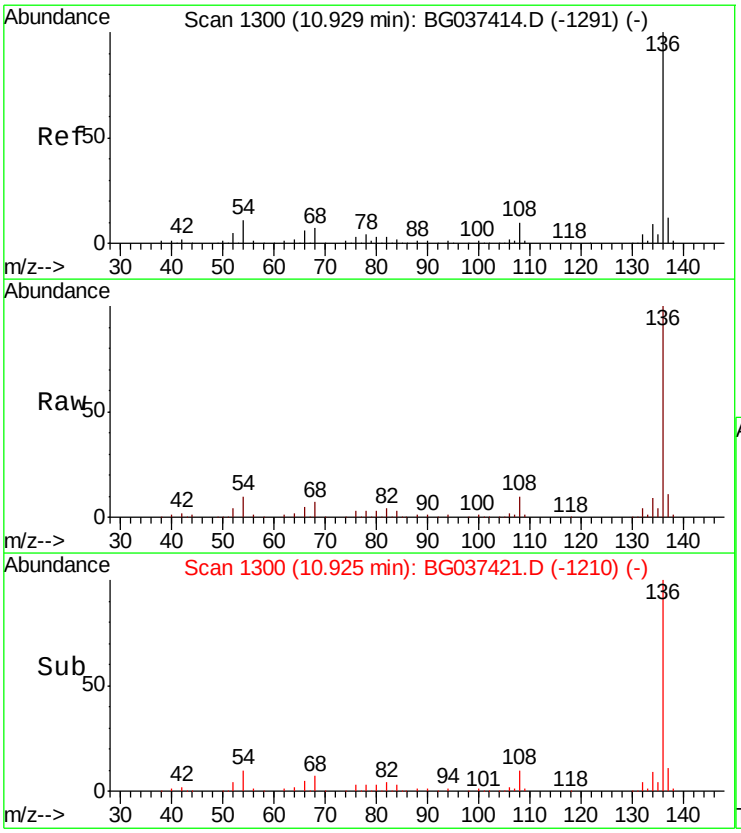
#20
3+4-Methylphenols
Concen: 0.013 ng
RT: 8.43 min Scan# 875
Delta R.T. -0.44 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Instrument :
BNA_G
ClientSampleId :
PB113672BL

Tgt Ion:107 Resp: 74

Ion	Ratio	Lower	Upper
107	100		
108	462.2	69.9	109.9#
77	1581.8	11.2	51.2#
79	1416.7	6.6	46.6#

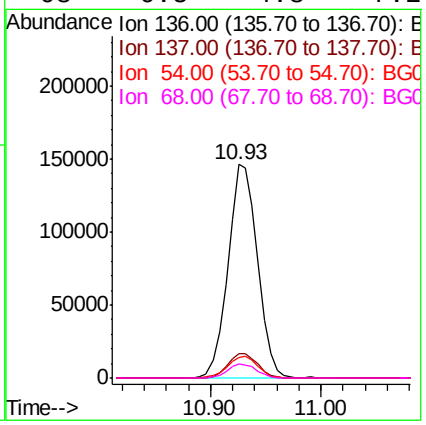


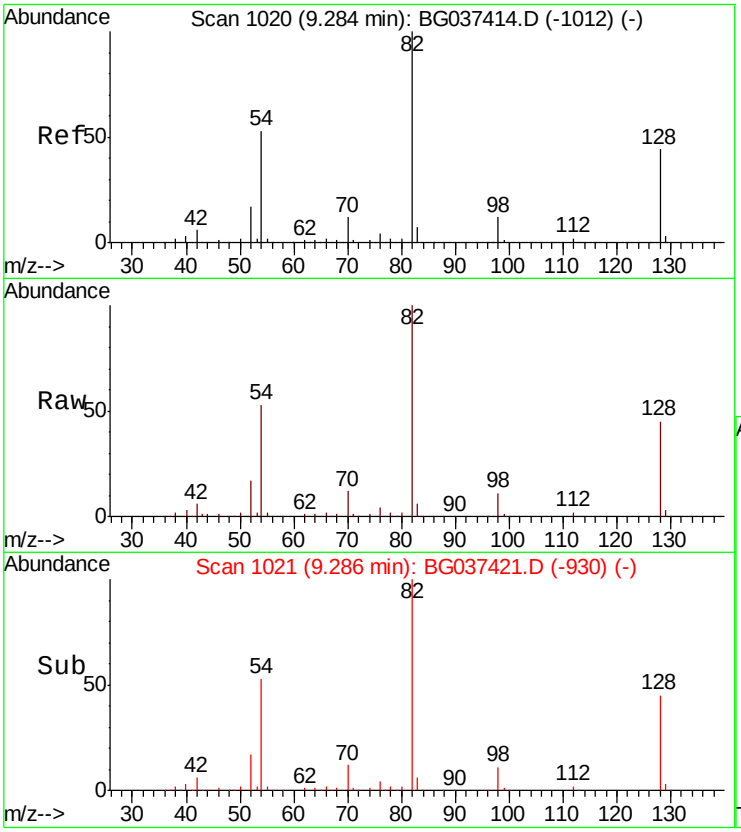


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Tgt Ion:136 Resp: 272478

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.6	14.4
54	9.8	7.9	11.9
68	6.5	4.8	7.2



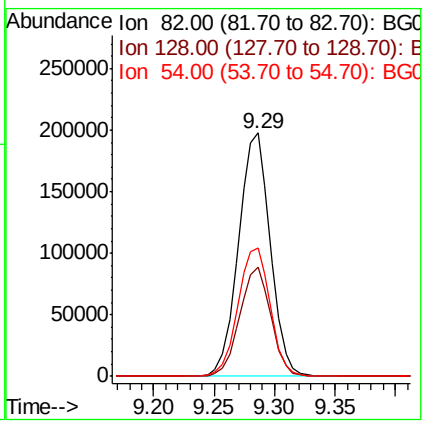


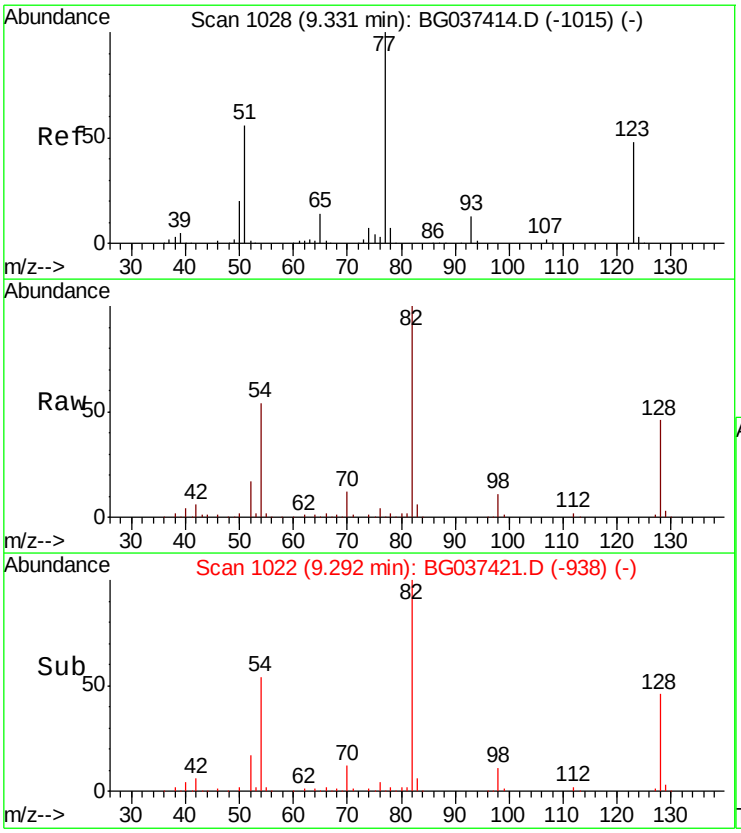
#23
Nitrobenzene-d5
Concen: 74.618 ng
RT: 9.29 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Instrument : BNA_G
ClientSampleId : PB113672BL

Tgt Ion: 82 Resp: 362942

Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.6	51.8
54	52.9	45.3	67.9

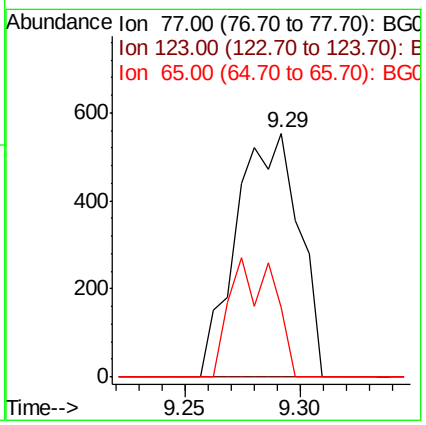


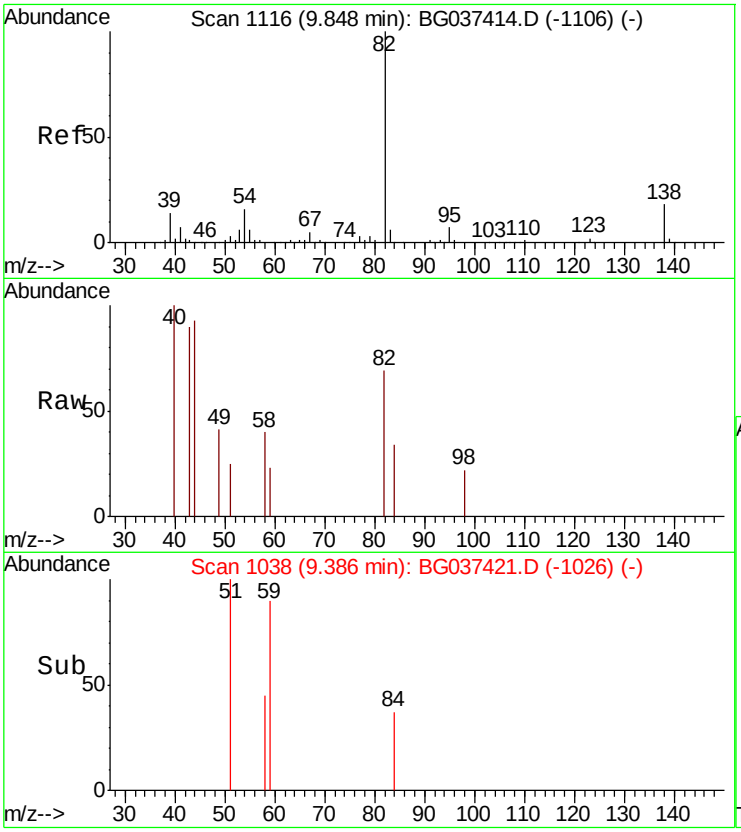


#24
Nitrobenzene
Concen: 0.206 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.04 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Tgt Ion: 77 Resp: 1040

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.6	50.4#
65	28.6	11.3	16.9#

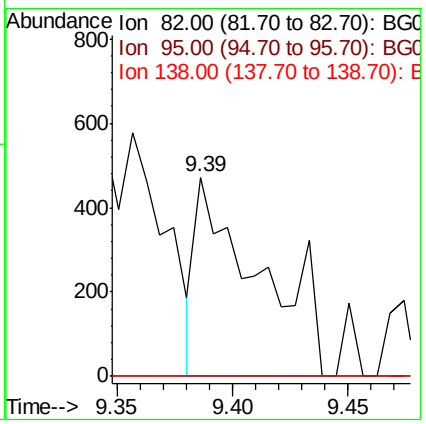




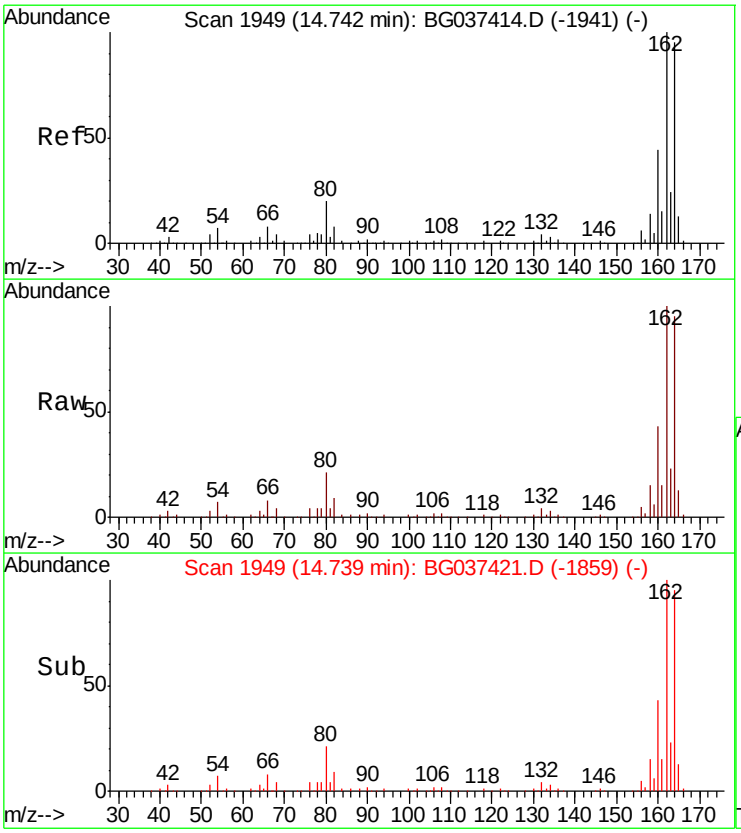
#25
Isophorone
Concen: 0.101 ng
RT: 9.39 min Scan# 1038
Delta R.T. -0.46 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Tgt Ion: 82 Resp: 897

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



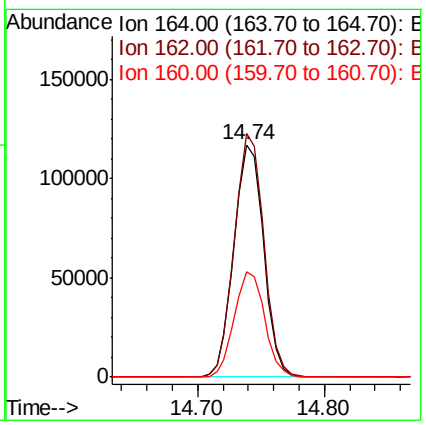
Instrument :
BNA_G
ClientSampleId :
PB113672BL

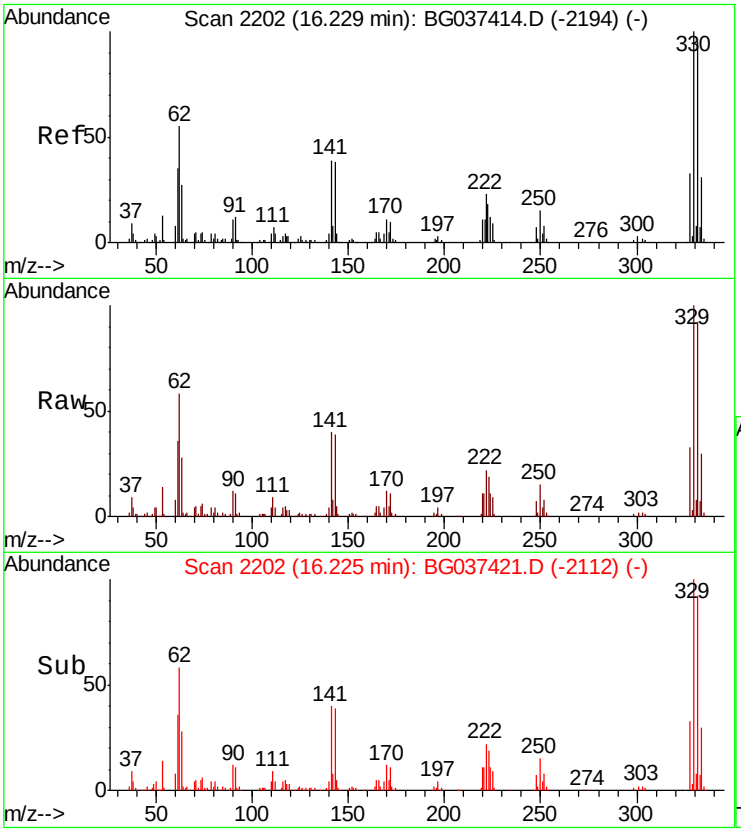


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Tgt Ion:164 Resp: 189944

Ion	Ratio	Lower	Upper
164	100		
162	104.8	81.3	121.9
160	45.5	36.3	54.5



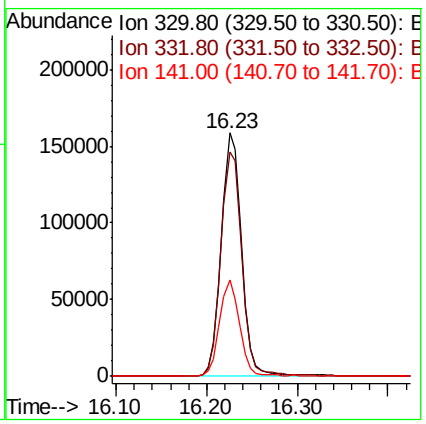


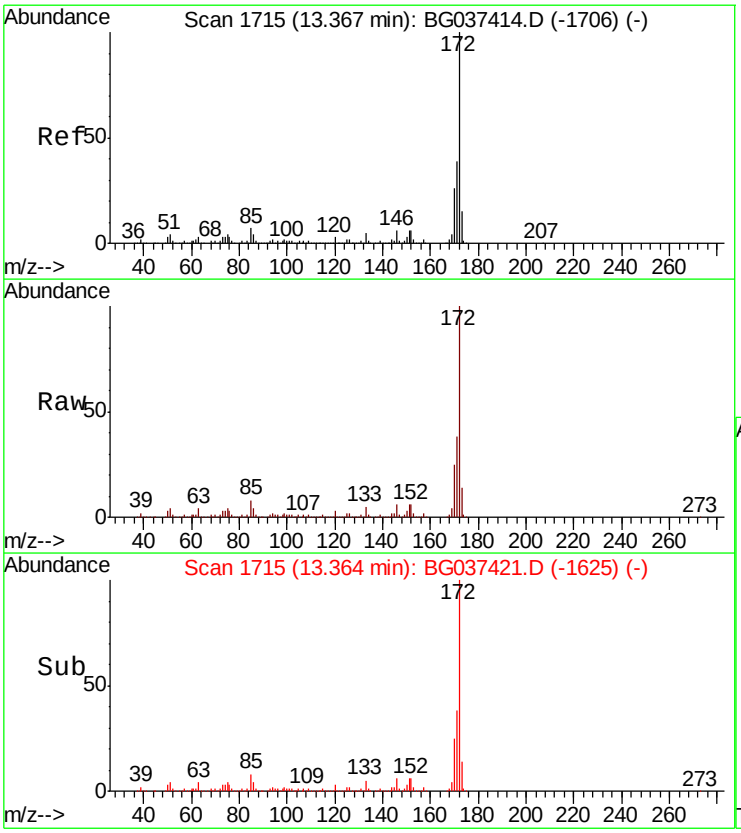
#42
2,4,6-Tribromophenol
Concen: 118.954 ng
RT: 16.23 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Instrument :
BNA_G
ClientSampleId :
PB113672BL

Tgt Ion:330 Resp: 246437

Ion	Ratio	Lower	Upper
330	100		
332	94.7	78.4	117.6
141	39.4	32.2	48.2

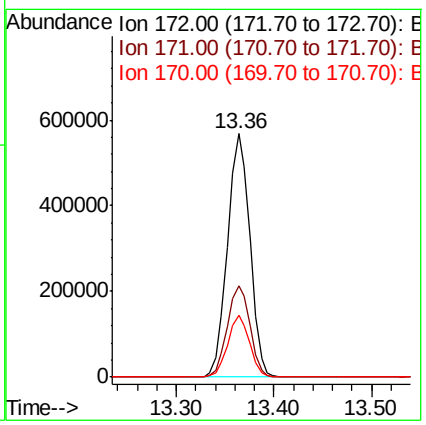


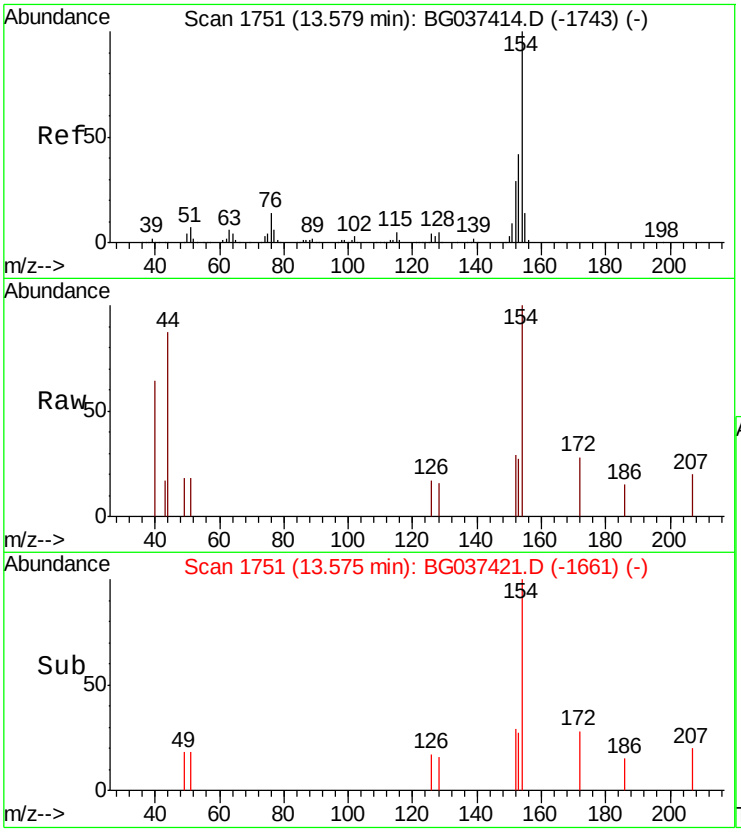


#45
2-Fluorobiphenyl
Concen: 71.783 ng
RT: 13.36 min Scan# 1715
Delta R.T. -0.00 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Tgt Ion:172 Resp: 904199

Ion	Ratio	Lower	Upper
172	100		
171	37.7	31.0	46.4
170	25.4	20.2	30.2



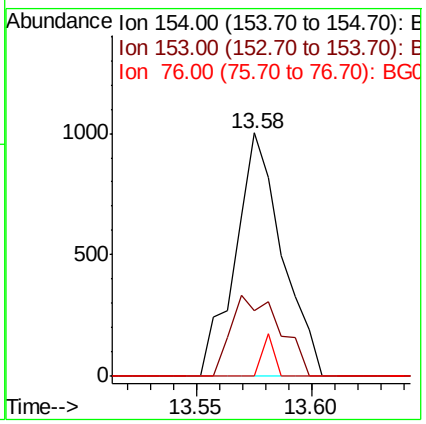


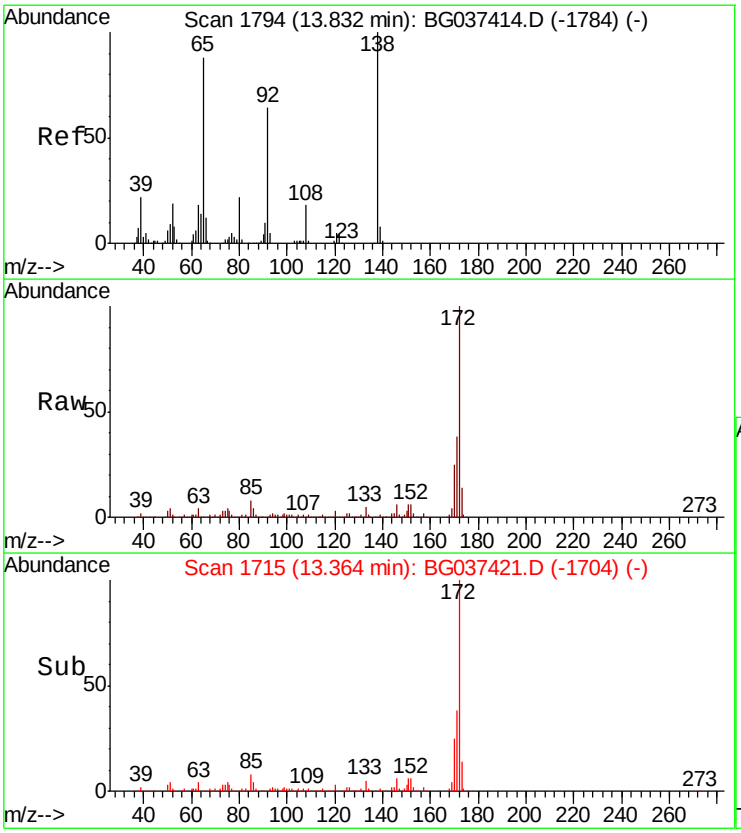
#46
1,1'-Biphenyl
Concen: 0.090 ng
RT: 13.58 min Scan# 1751
Delta R.T. -0.00 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Instrument :
BNA_G
ClientSampleId :
PB113672BL

Tgt Ion:154 Resp: 1415

Ion	Ratio	Lower	Upper
154	100		
153	27.1	22.1	62.1
76	0.0	0.0	33.2

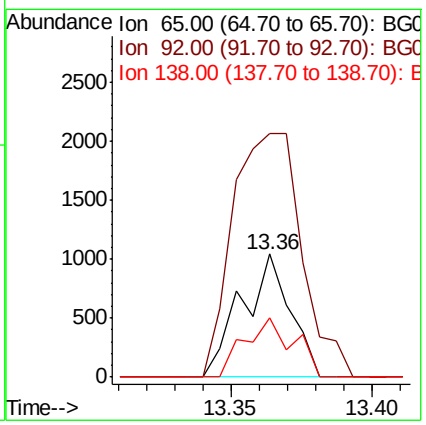


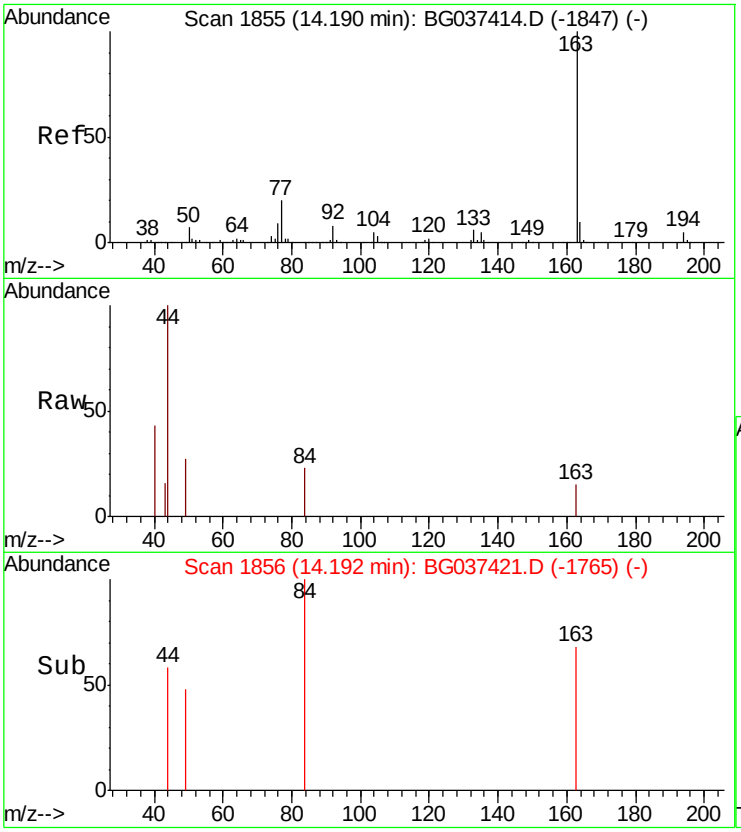


#48
2-Nitroaniline
Concen: 0.345 ng
RT: 13.36 min Scan# 1715
Delta R.T. -0.47 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Tgt Ion: 65 Resp: 1245

Ion	Ratio	Lower	Upper
65	100		
92	198.0	53.2	79.8#
138	48.6	79.3	118.9#



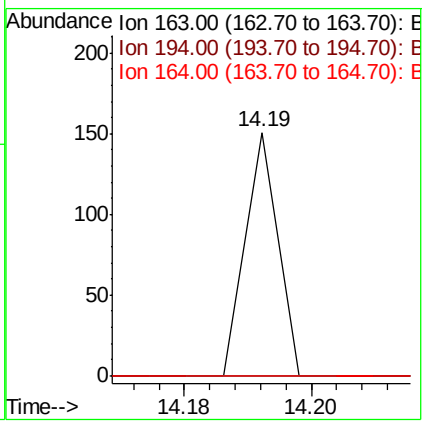


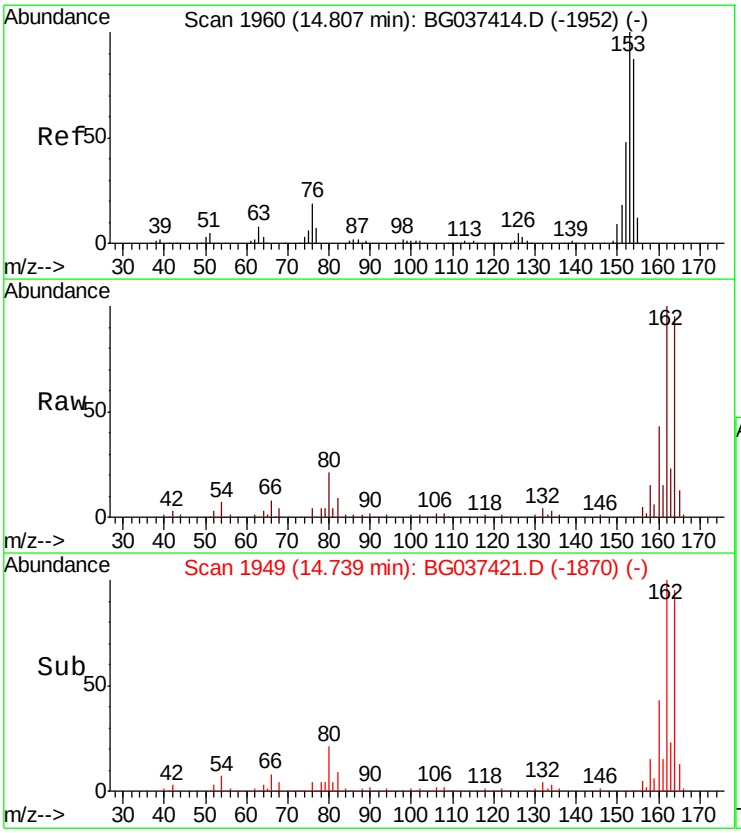
#50
Dimethylphthalate
Concen: 0.004 ng
RT: 14.19 min Scan# 1856
Delta R.T. 0.00 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Instrument :
BNA_G
ClientSampleId :
PB113672BL

Tgt Ion:163 Resp: 53

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.5	5.3#
164	0.0	8.5	12.7#

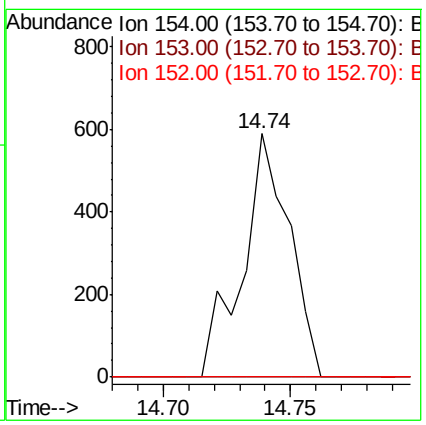


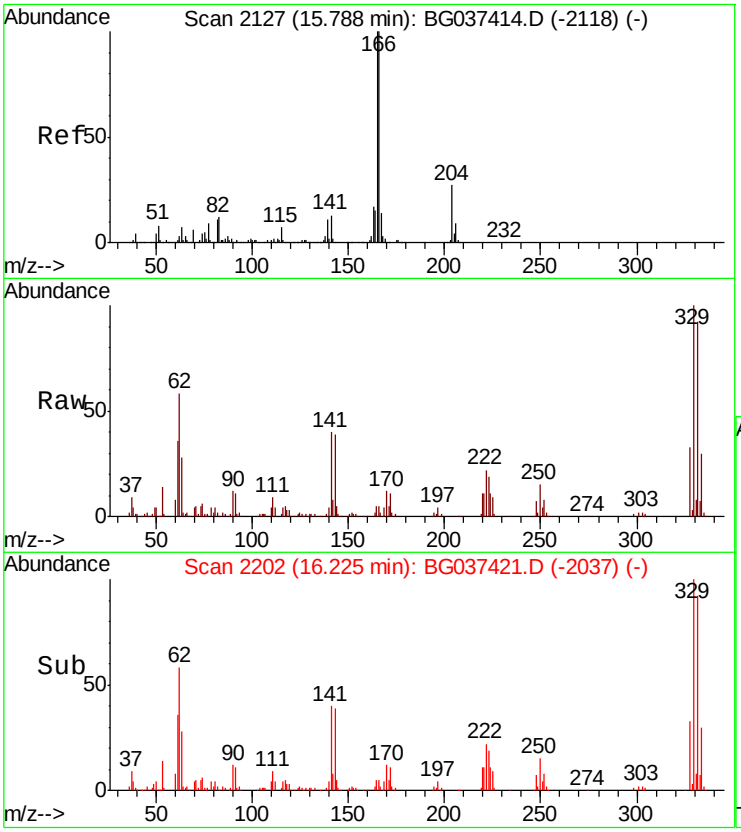


#52
Acenaphthene
Concen: 0.069 ng
RT: 14.74 min Scan# 1949
Delta R.T. -0.07 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Tgt Ion:154 Resp: 765

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



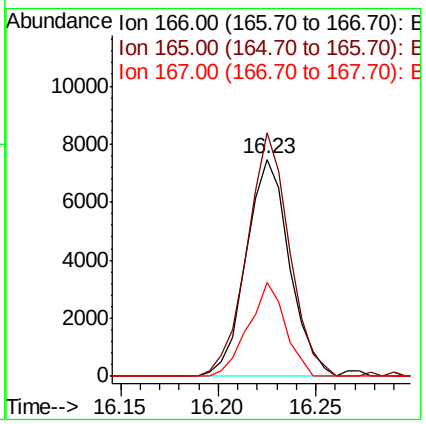


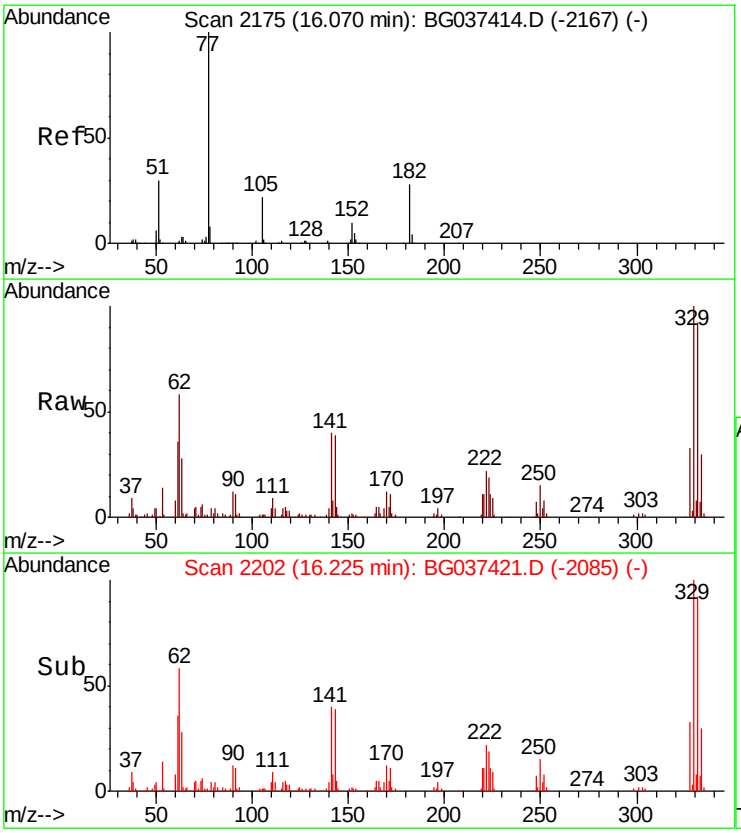
#58
Fluorene
Concen: 0.838 ng
RT: 16.23 min Scan# 2202
Delta R.T. 0.44 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Instrument :
BNA_G
ClientSampleId :
PB113672BL

Tgt Ion:166 Resp: 11462

Ion	Ratio	Lower	Upper
166	100		
165	112.3	79.0	118.6
167	43.0	11.3	16.9#

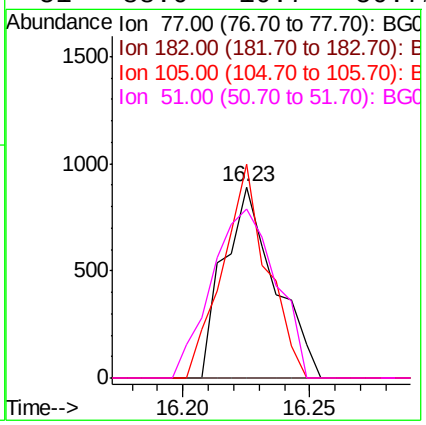


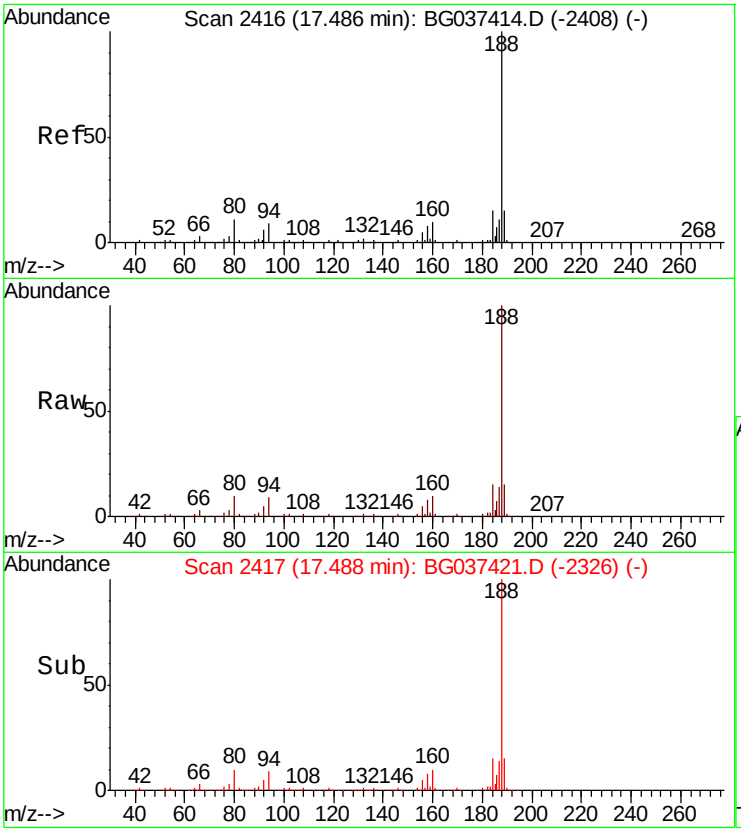


#63
Azobenzene
Concen: 0.086 ng
RT: 16.23 min Scan# 2202
Delta R.T. 0.15 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Tgt Ion: 77 Resp: 1245

Ion	Ratio	Lower	Upper
77	100		
182	0.0	8.0	48.0#
105	111.6	1.3	41.3#
51	88.0	10.7	50.7#



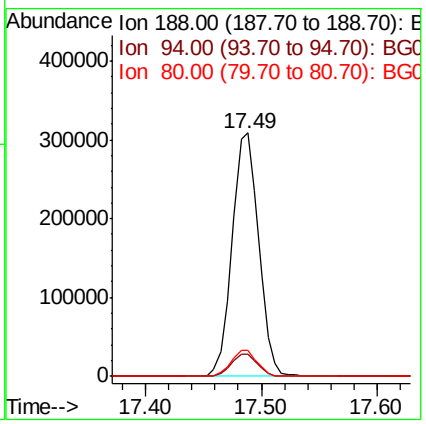


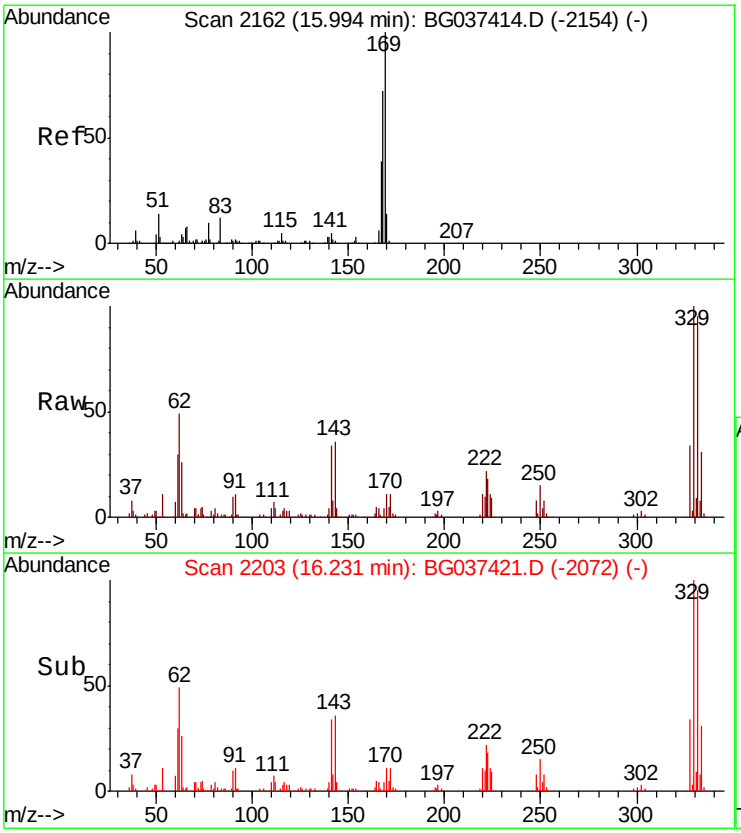
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. 0.00 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Instrument :
BNA_G
ClientSampleId :
PB113672BL

Tgt Ion:188 Resp: 490278

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	10.4	7.7	11.5

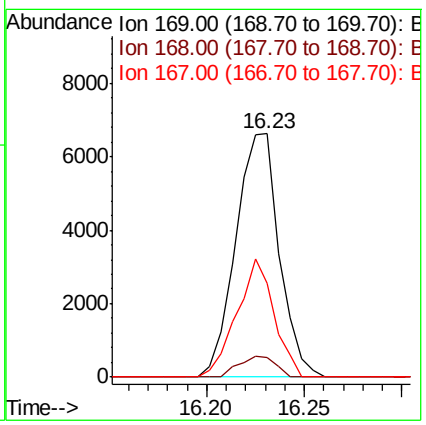


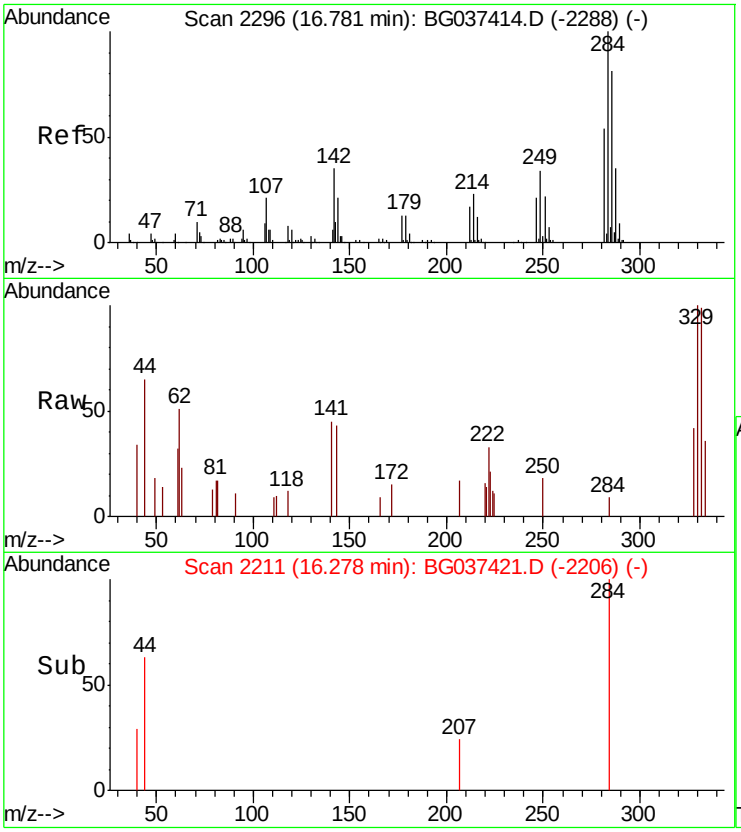


#66
n-Nitrosodiphenylamine
Concen: 0.691 ng
RT: 16.23 min Scan# 2203
Delta R.T. 0.24 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Tgt Ion:169 Resp: 10186

Ion	Ratio	Lower	Upper
169	100		
168	8.2	55.7	83.5#
167	46.7	31.3	46.9



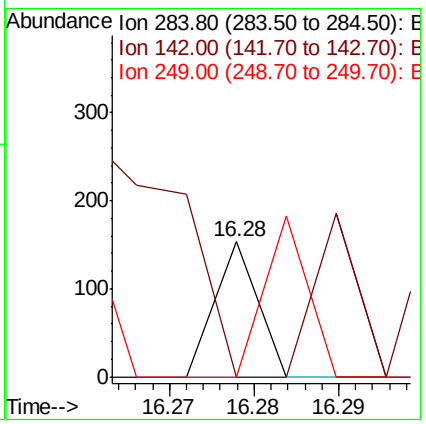


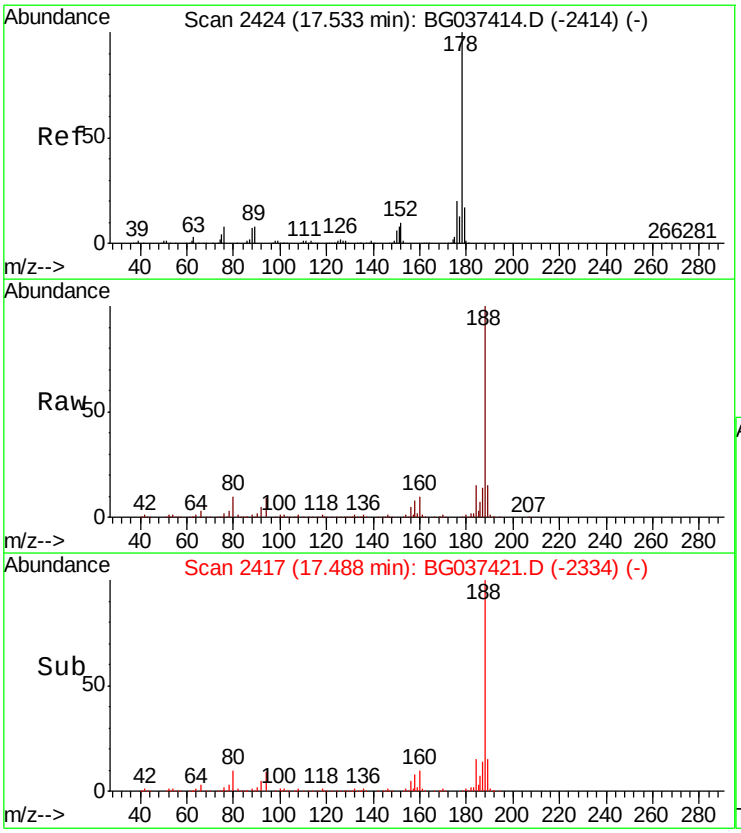
#68
Hexachlorobenzene
Concen: 0.010 ng
RT: 16.28 min Scan# 2211
Delta R.T. -0.50 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Instrument :
BNA_G
ClientSampleId :
PB113672BL

Tgt Ion:284 Resp: 54

Ion	Ratio	Lower	Upper
284	100		
142	0.0	28.1	42.1#
249	0.0	29.8	44.8#

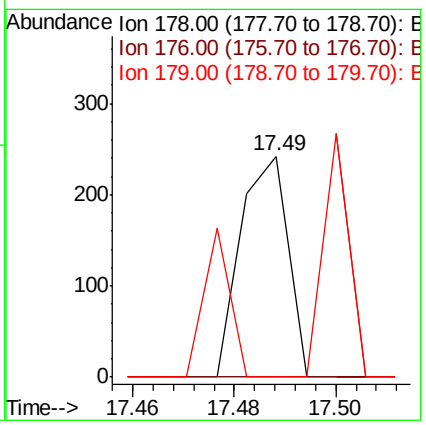


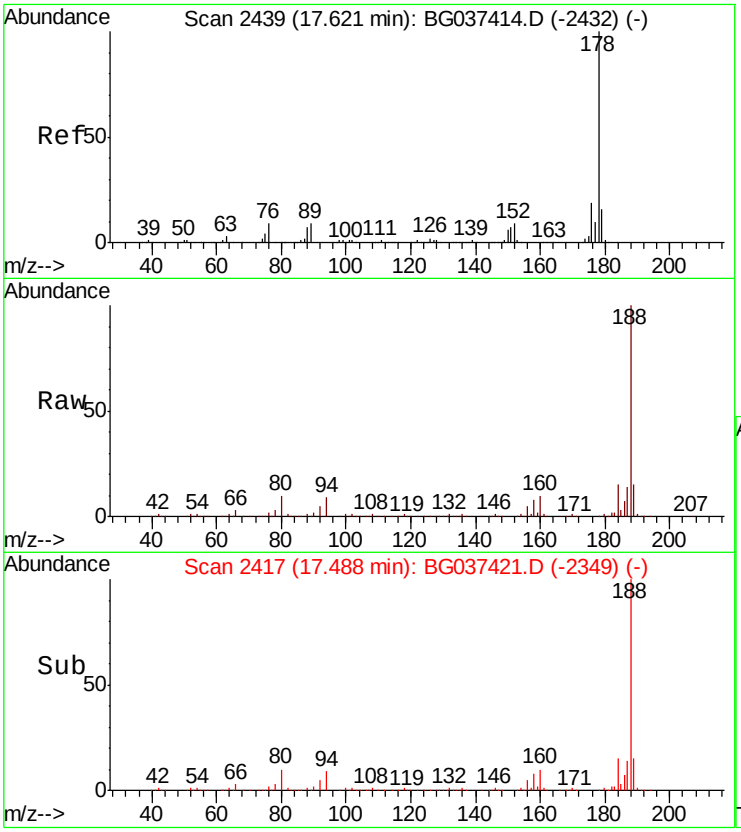


#71
Phenanthrene
Concen: 0.006 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.04 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Tgt Ion:178 Resp: 156

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



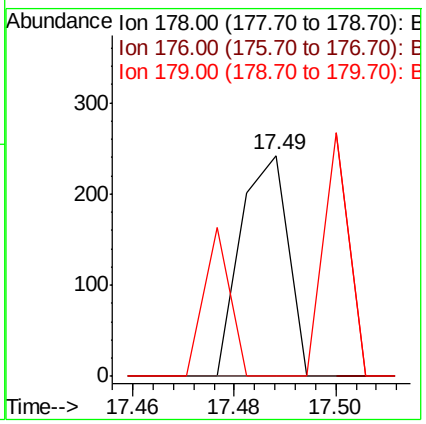


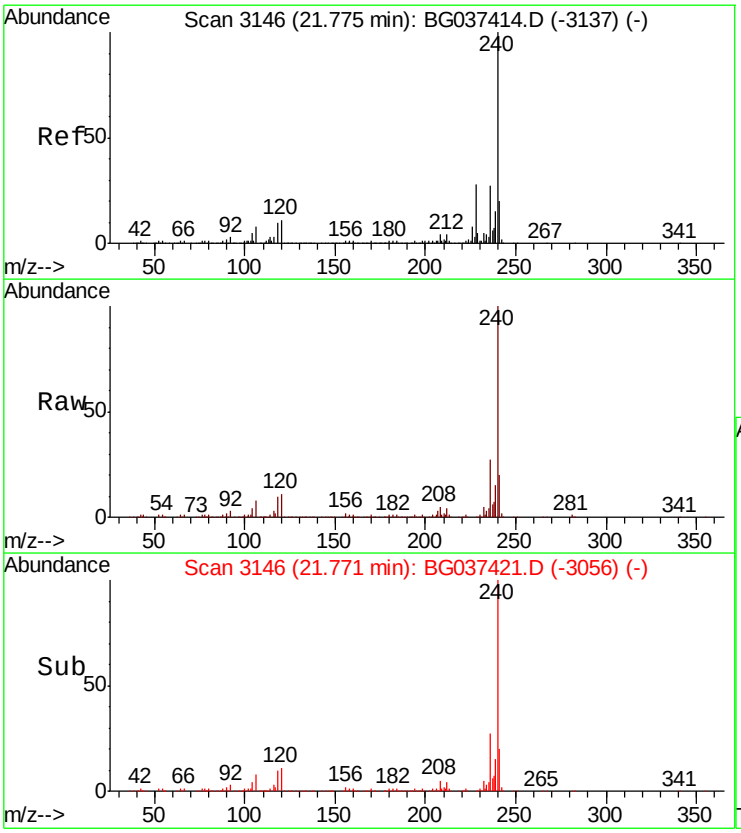
#72
Anthracene
Concen: 0.006 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.13 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Instrument :
BNA_G
ClientSampleId :
PB113672BL

Tgt Ion:178 Resp: 156

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

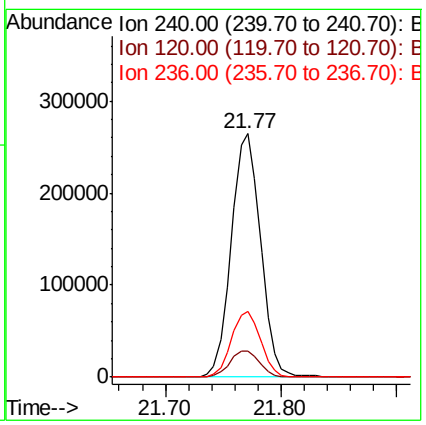


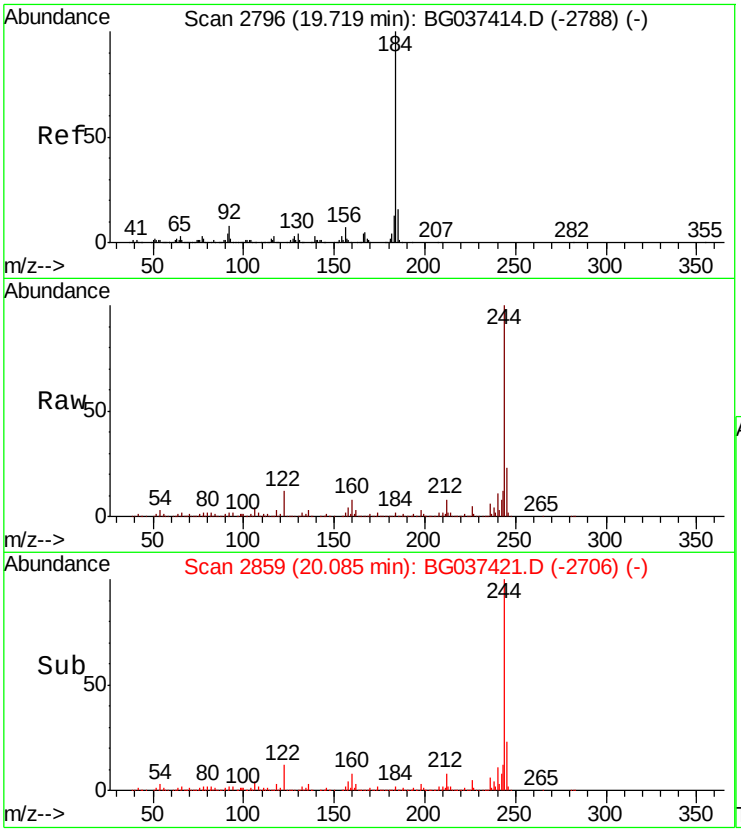


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3146
Delta R.T. -0.00 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Tgt Ion:240 Resp: 465263

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.1	12.1
236	27.2	21.4	32.0



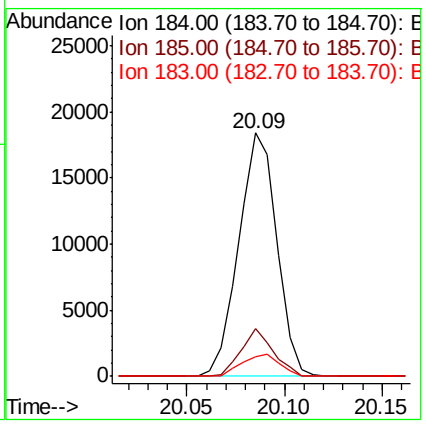


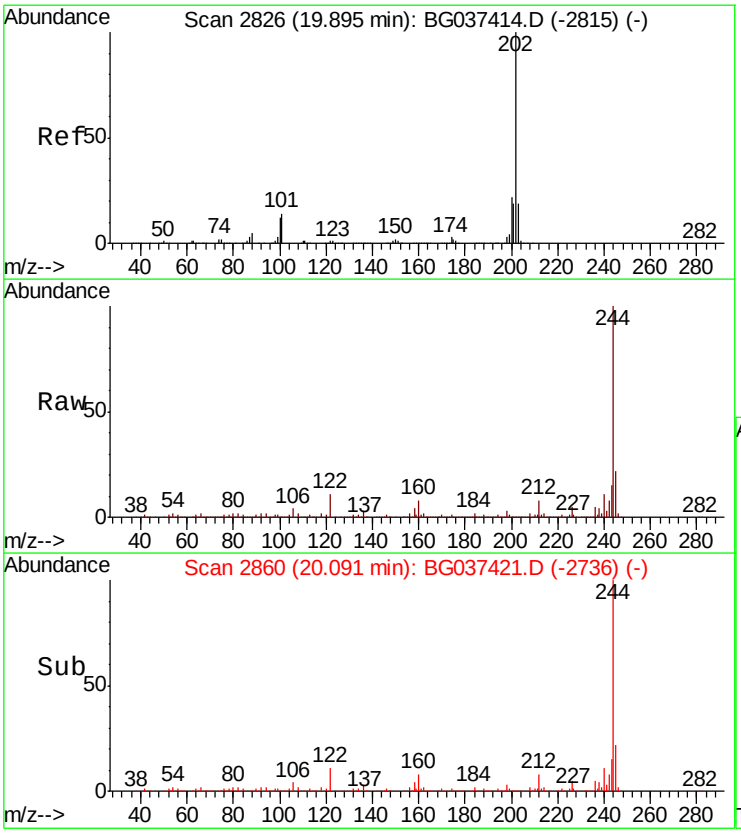
#77
Benzidine
Concen: 1.568 ng
RT: 20.09 min Scan# 2859
Delta R.T. 0.37 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Instrument :
BNA_G
ClientSampleId :
PB113672BL

Tgt Ion:184 Resp: 24805

Ion	Ratio	Lower	Upper
184	100		
185	19.6	12.6	18.8#
183	7.9	10.2	15.2#

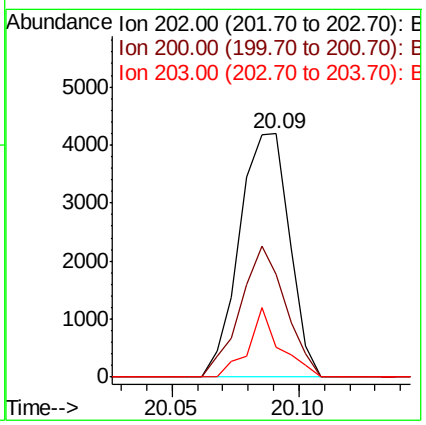


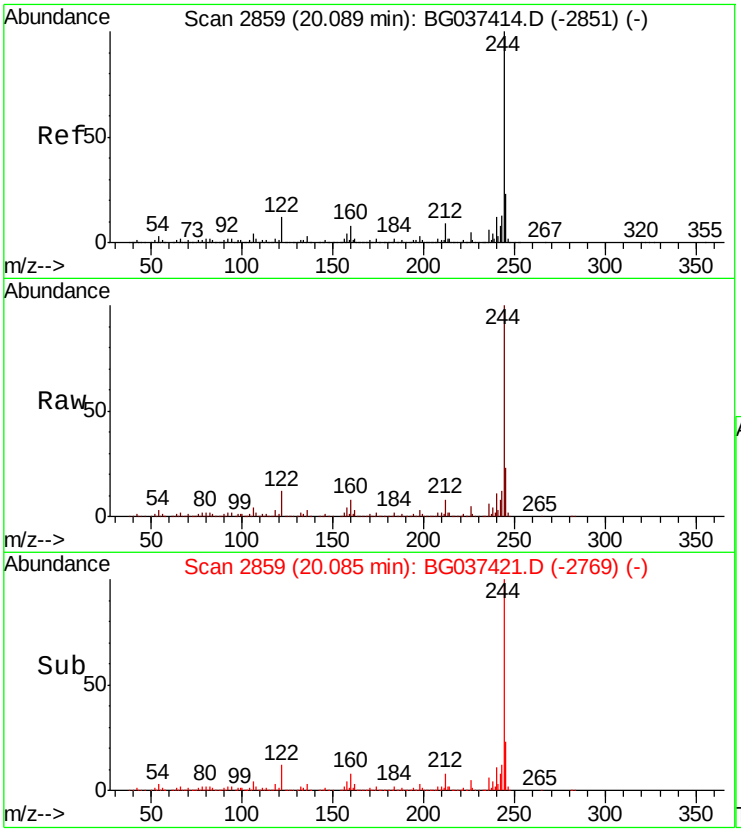


#78
Pyrene
Concen: 0.190 ng
RT: 20.09 min Scan# 2860
Delta R.T. 0.20 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Tgt Ion:202 Resp: 5780

Ion	Ratio	Lower	Upper
202	100		
200	42.3	17.8	26.6#
203	12.0	15.2	22.8#



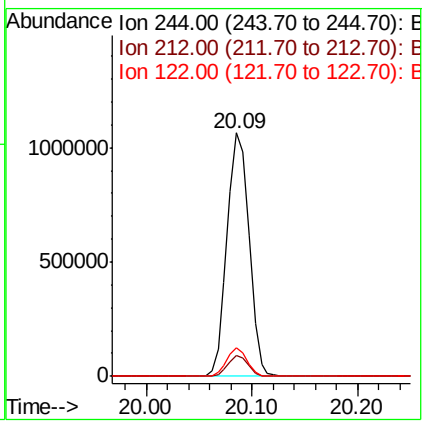


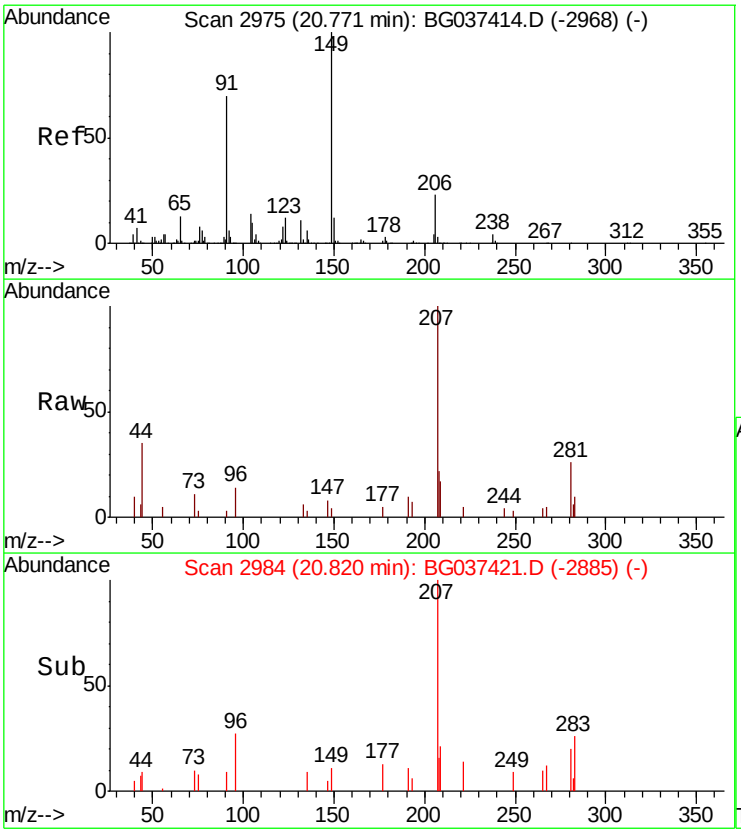
#79
Terphenyl-d14
Concen: 70.432 ng
RT: 20.09 min Scan# 2859
Delta R.T. -0.00 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Instrument :
BNA_G
ClientSampleId :
PB113672BL

Tgt Ion:244 Resp: 1533604

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.5	9.7
122	11.7	9.0	13.4

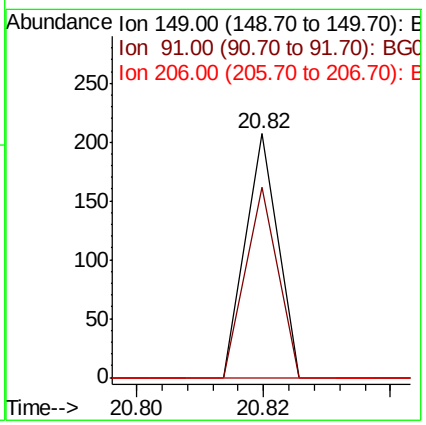


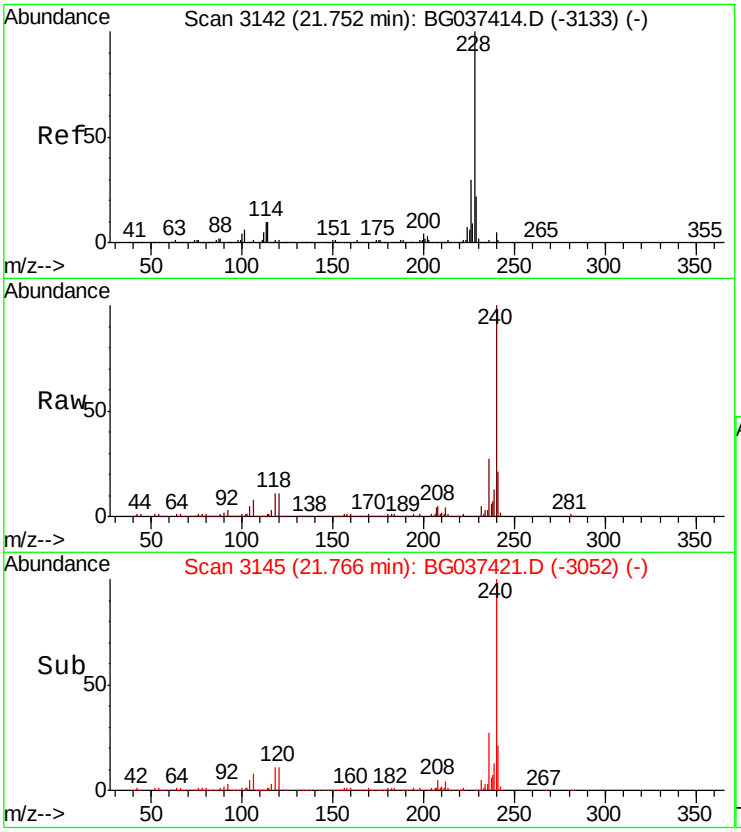


#80
Butylbenzylphthalate
Concen: 0.006 ng
RT: 20.82 min Scan# 2984
Delta R.T. 0.05 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Tgt Ion:149 Resp: 73

Ion	Ratio	Lower	Upper
149	100		
91	78.3	57.0	85.4
206	0.0	17.8	26.6#



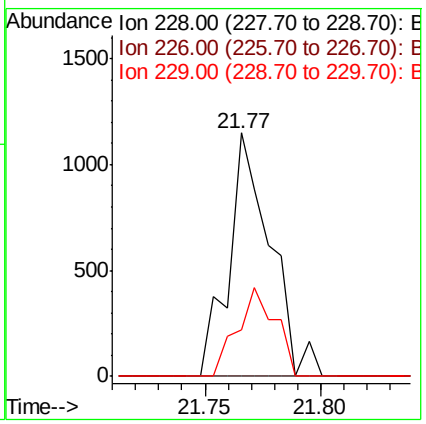


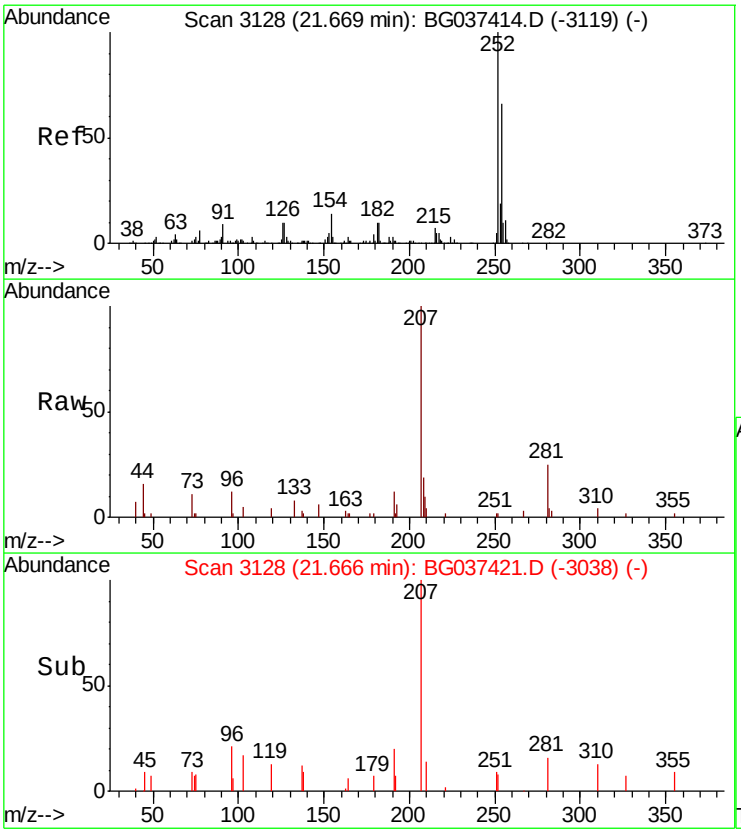
#81
Benzo(a)anthracene
Concen: 0.052 ng
RT: 21.77 min Scan# 3145
Delta R.T. 0.01 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Instrument :
BNA_G
ClientSampleId :
PB113672BL

Tgt Ion:228 Resp: 1440

Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.6	33.8#
229	19.1	16.3	24.5

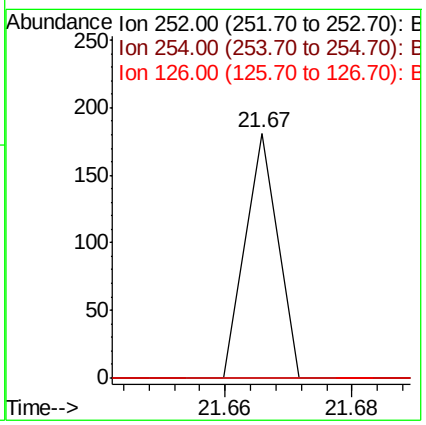


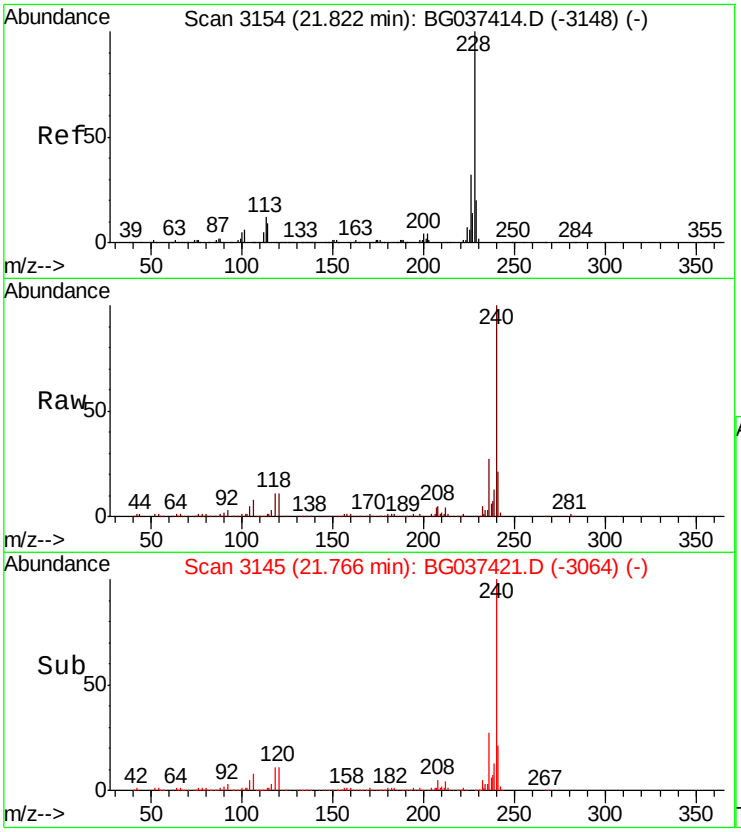


#82
3,3'-Dichlorobenzidine
Concen: 0.006 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.00 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Tgt Ion:252 Resp: 64

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



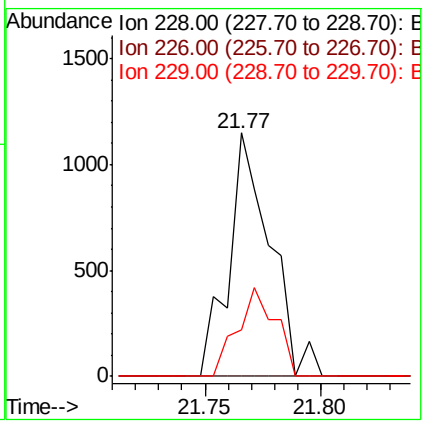


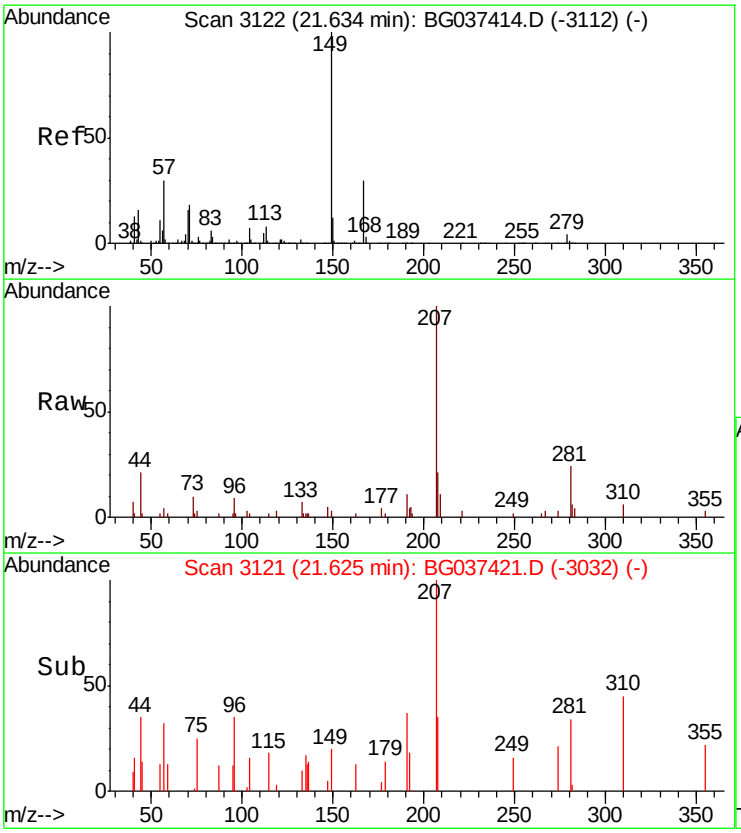
#83
Chrysene
Concen: 0.054 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.06 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Instrument :
BNA_G
ClientSampleId :
PB113672BL

Tgt Ion:228 Resp: 1440

Ion	Ratio	Lower	Upper
228	100		
226	0.0	25.7	38.5#
229	19.1	16.5	24.7

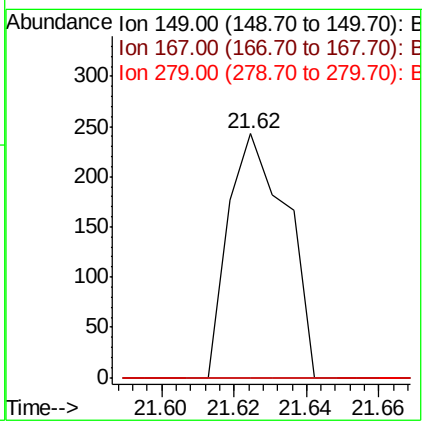


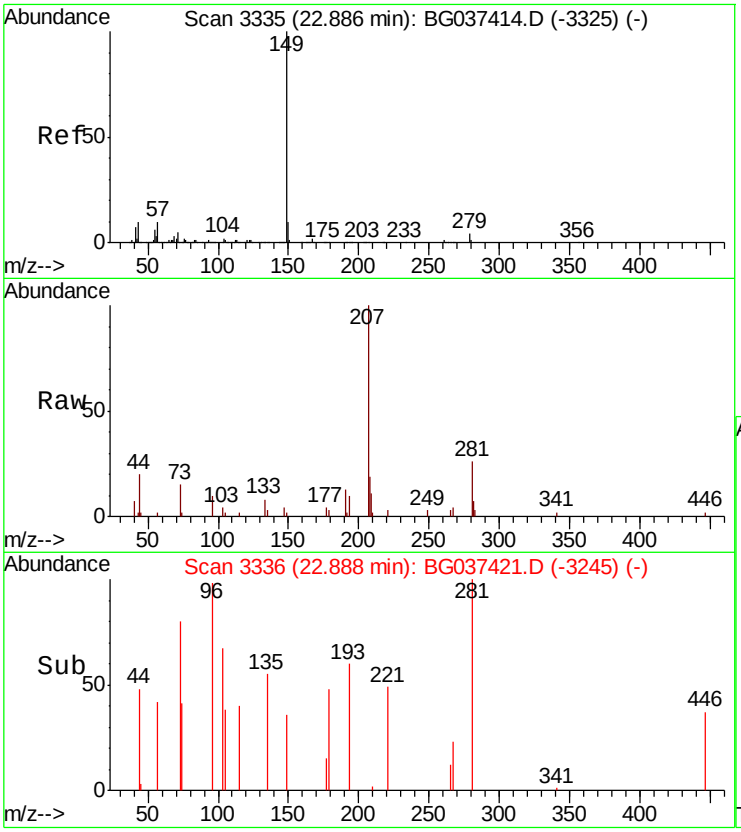


#84
Bis(2-ethylhexyl)phthalate
Concen: 0.016 ng
RT: 21.62 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Tgt Ion:149 Resp: 271

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



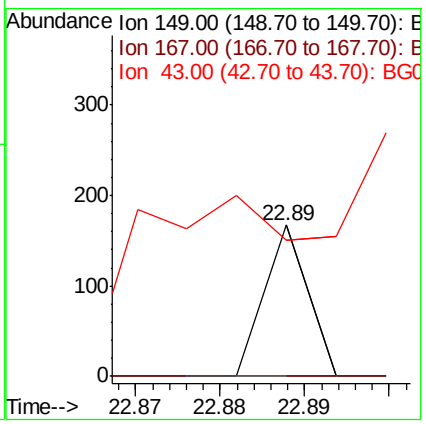


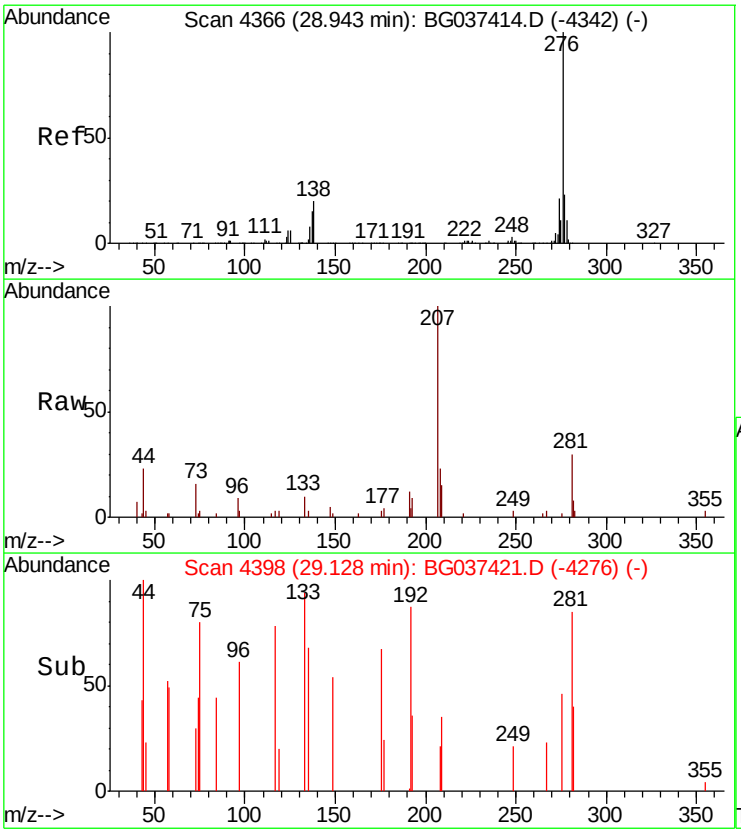
#85
Di-n-octyl phthalate
Concen: 0.002 ng
RT: 22.89 min Scan# 3336
Delta R.T. 0.00 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Instrument :
BNA_G
ClientSampleId :
PB113672BL

Tgt Ion:149 Resp: 59

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

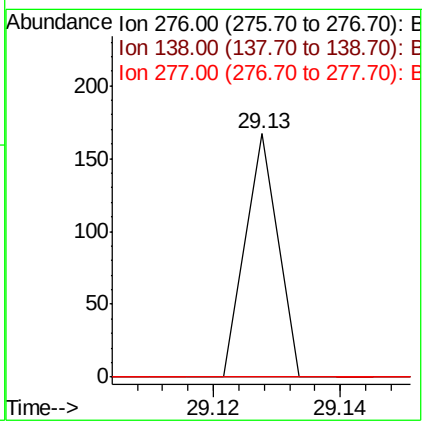


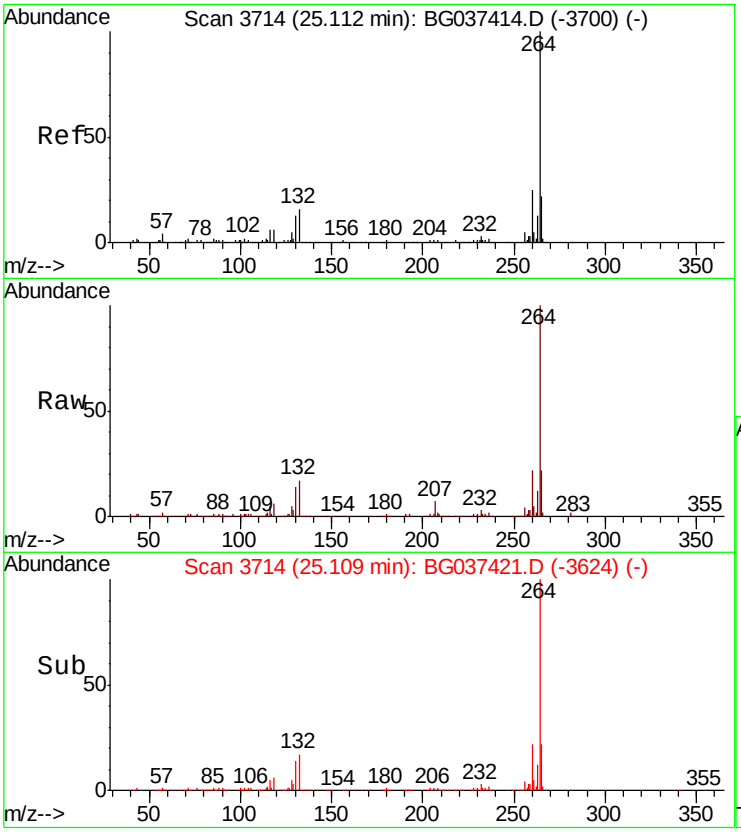


#86
Indeno(1,2,3-cd)pyrene
Concen: 0.002 ng
RT: 29.13 min Scan# 4398
Delta R.T. 0.18 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Tgt Ion:276 Resp: 59

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



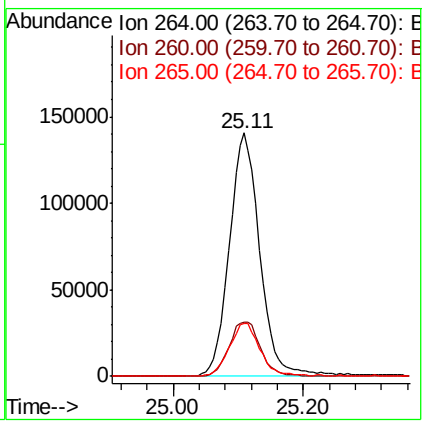


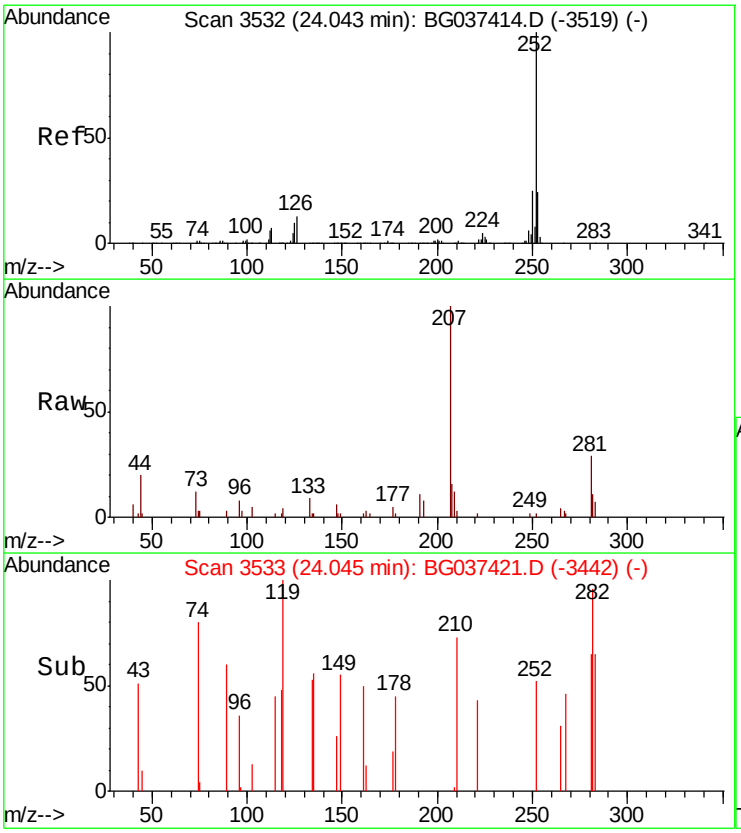
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3714
Delta R.T. -0.00 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Instrument :
BNA_G
ClientSampleId :
PB113672BL

Tgt Ion:264 Resp: 453692

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.2	27.4
265	21.5	17.9	26.9

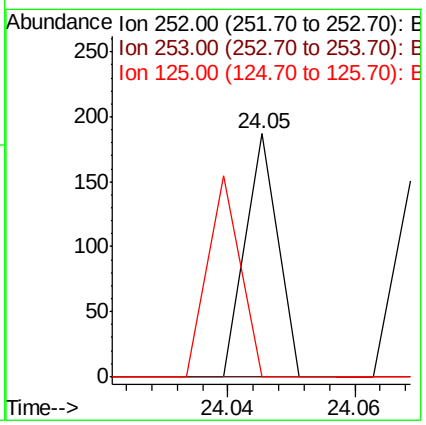


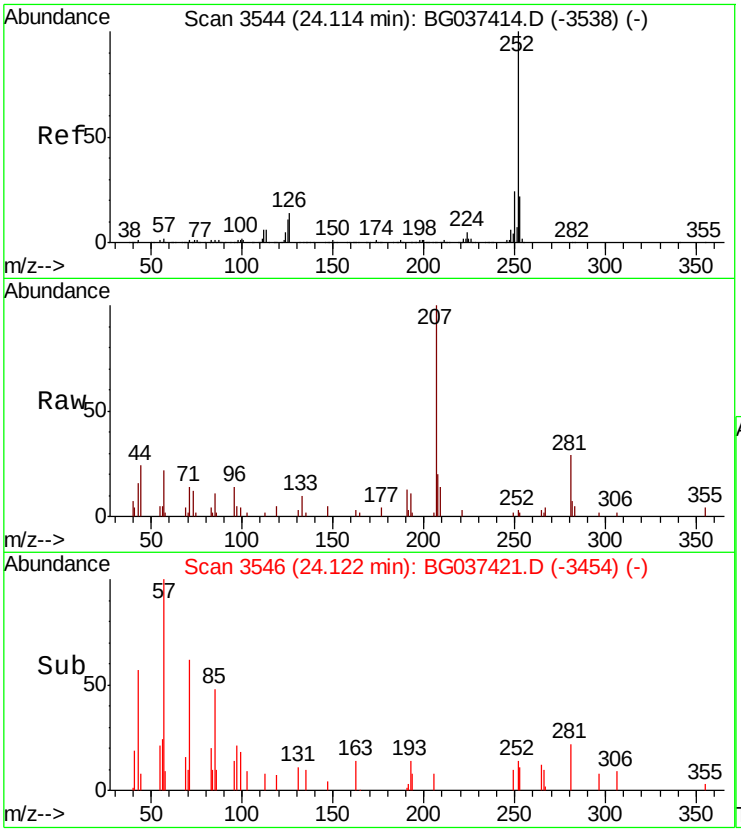


#88
Benzo(b)fluoranthene
Concen: 0.003 ng
RT: 24.05 min Scan# 3533
Delta R.T. 0.00 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Tgt Ion:252 Resp: 66

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



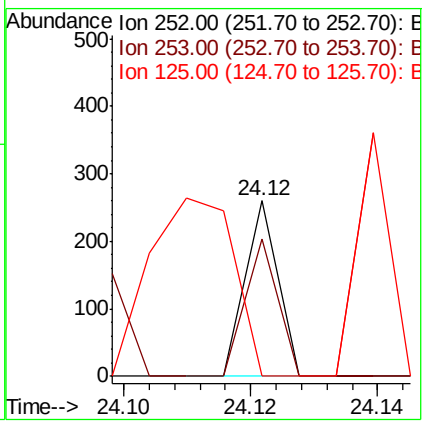


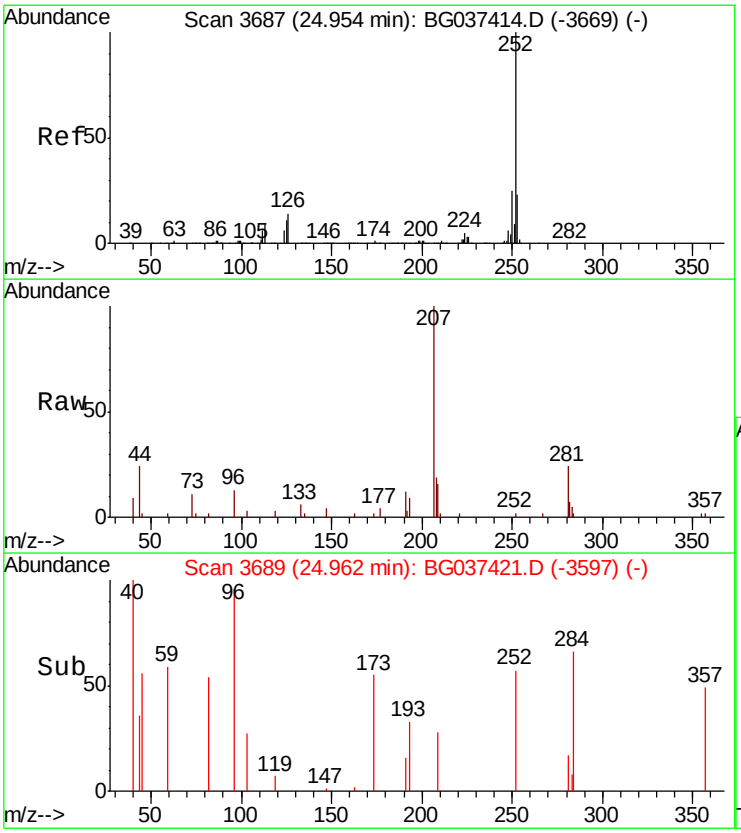
#89
Benzo(k)fluoranthene
Concen: 0.004 ng
RT: 24.12 min Scan# 3546
Delta R.T. 0.01 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Instrument :
BNA_G
ClientSampleId :
PB113672BL

Tgt Ion:252 Resp: 92

Ion	Ratio	Lower	Upper
252	100		
253	78.1	17.4	26.2#
125	0.0	7.4	11.0#

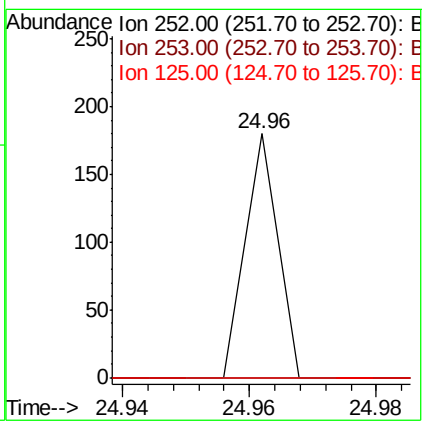


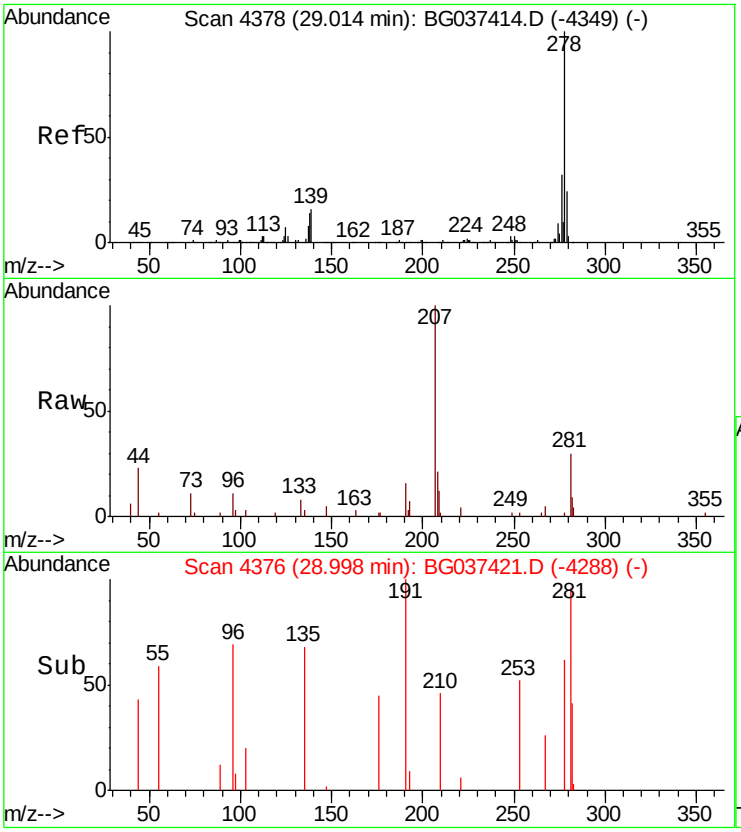


#90
Benzo(a)pyrene
Concen: 0.003 ng
RT: 24.96 min Scan# 3689
Delta R.T. 0.01 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Tgt Ion:252 Resp: 63

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



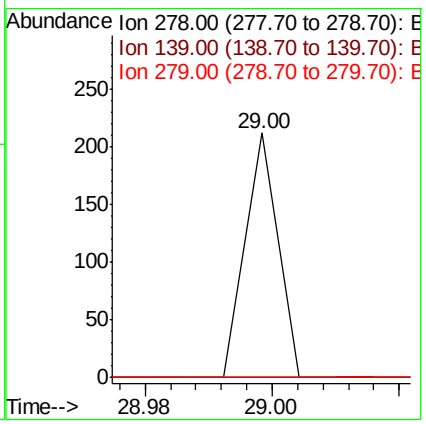


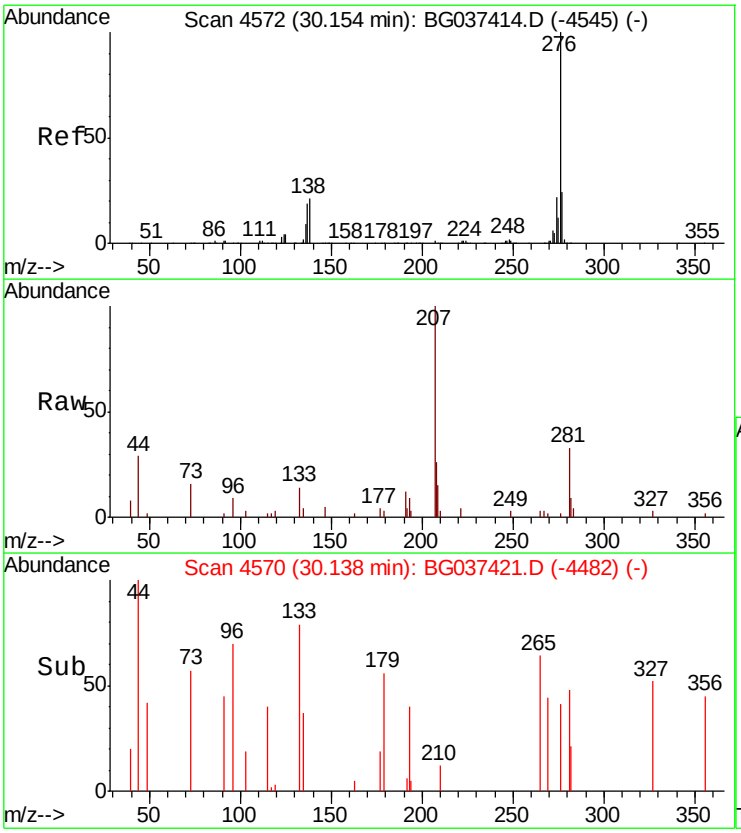
#91
Dibenzo(a,h)anthracene
Concen: 0.003 ng
RT: 29.00 min Scan# 4376
Delta R.T. -0.02 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Instrument :
BNA_G
ClientSampleId :
PB113672BL

Tgt Ion:278 Resp: 75

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: 0.002 ng
RT: 30.14 min Scan# 4570
Delta R.T. -0.02 min
Lab File: BG037421.D
Acq: 18 Oct 2018 16:01

Tgt Ion:276 Resp: 55

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