Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071918\
Data File : BG035767.D
Acq On : 20 Jul 2018 2:37
Operator : JU/SJ
Sample : J4035-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-3

Quant Time: Jul 20 03:40:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 18 17:45:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	46141	20.00	ng	-0.01
21) Naphthalene-d8	10.84	136	153613	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	101245	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	283843	20.00	ng	0.00
75) Chrysene-d12	21.66	240	340018	20.00	ng	-0.02
86) Perylene-d12	24.86	264	324555	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	344321	123.89	ng	0.00
7) Phenol-d6	7.20	99	444067	107.09	ng	0.00
23) Nitrobenzene-d5	9.19	82	352156	95.77	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	221826	166.23	ng	-0.01
44) 2-Fluorobiphenyl	13.27	172	778769	103.05	ng	-0.01
78) Terphenyl-d14	20.00	244	1682275	109.06	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	202	0.143	ng	# 1
3) Pyridine	3.90	79	70	0.019	ng	# 1
4) n-Nitrosodimethylamine	3.86	42	879	0.554	ng	# 1
6) Aniline	7.31	93	67	0.012	ng	# 41
8) 2-Chlorophenol	7.57	128	54	0.019	ng	# 1
9) Benzaldehyde	7.14	77	74	0.029	ng	# 5
10) Phenol	7.56	94	1047	0.250	ng	# 1
11) bis(2-Chloroethyl)ether	7.47	93	68	0.021	ng	# 16
12) 1,3-Dichlorobenzene	8.29	146	54	0.016	ng	# 26
13) 1,4-Dichlorobenzene	8.29	146	54	0.016	ng	# 23
14) 1,2-Dichlorobenzene	8.29	146	54	0.016	ng	# 25
15) Benzyl Alcohol	8.35	79	5841	1.551	ng	# 37
16) 2,2'-oxybis(1-Chloropropan	8.54	45	479	0.174	ng	75
17) 2-Methylphenol	8.35	107	79	0.028	ng	# 1
18) Hexachloroethane	9.27	117	75	0.057	ng	# 1
20) 3+4-Methylphenols	8.35	107	79	0.020	ng	# 1
22) Acetophenone	8.84	105	251	0.053	ng	# 60
24) Nitrobenzene	9.25	77	72	0.019	ng	# 42
25) Isophorone	9.80	82	335	0.049	ng	# 69
28) bis(2-Chloroethoxy)methane	10.01	93	66	0.018	ng	# 51
31) Naphthalene	10.89	128	7532	0.941	ng	# 92
33) 4-Chloroaniline	10.89	127	1147	0.329	ng	# 63
34) Hexachlorobutadiene	11.39	225	70	0.029	ng	# 20
35) Caprolactam	11.49	113	63	0.058	ng	# 1
36) 4-Chloro-3-methylphenol	11.76	107	80	0.024	ng	# 22
37) 2-Methylnaphthalene	12.52	142	371	0.062	ng	# 74
39) 1,2,4,5-Tetrachlorobenzene	13.26	216	56	0.015	ng	# 1
45) 1,1'-Biphenyl	13.49	154	442	0.056	ng	# 72
46) 2-Chloronaphthalene	13.53	162	61	0.010	ng	# 39
47) 2-Nitroaniline	13.27	65	1068	0.495	ng	# 1
48) Acenaphthylene	14.38	152	64	0.006	ng	# 59
51) Acenaphthene	14.71	154	94	0.015	ng	# 5
52) 3-Nitroaniline	14.51	138	69	0.037	ng	# 1
54) Dibenzofuran	14.64	168	61	0.006	ng	# 46

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071918\
Data File : BG035767.D
Acq On : 20 Jul 2018 2:37
Operator : JU/SJ
Sample : J4035-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-3

Quant Time: Jul 20 03:40:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 18 17:45:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
55) 4-Nitrophenol	14.63	139	58	0.044	ng	#	1
57) Fluorene	16.14	166	7439	0.876	ng	#	80
59) Diethylphthalate	15.48	149	558	0.061	ng	#	58
61) 4-Nitroaniline	15.83	138	82	0.042	ng	#	12
62) Azobenzene	15.91	77	55	0.006	ng	#	48
64) 4,6-Dinitro-2-methylphenol	16.13	198	773	0.489	ng	#	50
65) n-Nitrosodiphenylamine	16.14	169	8536	1.057	ng	#	54
68) Atrazine	17.26	200	87	0.026	ng	#	35
70) Phenanthrene	17.44	178	305	0.022	ng	#	60
71) Anthracene	17.55	178	62	0.004	ng	#	59
72) Carbazole	17.77	167	75	0.006	ng	#	1
73) Di-n-butylphthalate	18.36	149	1674	0.106	ng	#	78
74) Fluoranthene	19.47	202	961	0.050	ng		84
77) Pyrene	19.82	202	1424	0.066	ng	#	89
79) Butylbenzylphthalate	20.68	149	619	0.081	ng	#	73
80) Benzo(a)anthracene	21.66	228	1998	0.094	ng	#	60
81) 3,3'-Dichlorobenzidine	21.61	252	53	0.007	ng	#	26
82) Chrysene	21.70	228	346	0.018	ng	#	74
83) Bis(2-ethylhexyl)phthalate	21.54	149	1777	0.170	ng	#	91
84) Di-n-octyl phthalate	22.75	149	1300	0.074	ng	#	74
85) Indeno(1,2,3-cd)pyrene	28.65	276	81	0.004	ng	#	33
87) Benzo(b)fluoranthene	23.85	252	855	0.043	ng	#	59
88) Benzo(k)fluoranthene	23.91	252	873	0.045	ng	#	60
89) Benzo(a)pyrene	24.72	252	610	0.033	ng	#	59
90) Dibenzo(a,h)anthracene	28.65	278	66	0.004	ng	#	58
91) Benzo(g,h,i)perylene	29.76	276	89	0.005	ng	#	56

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071918\
Data File : BG035767.D
Acq On : 20 Jul 2018 2:37
Operator : JU/SJ
Sample : J4035-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-3

Quant Time: Jul 20 03:40:11 2018
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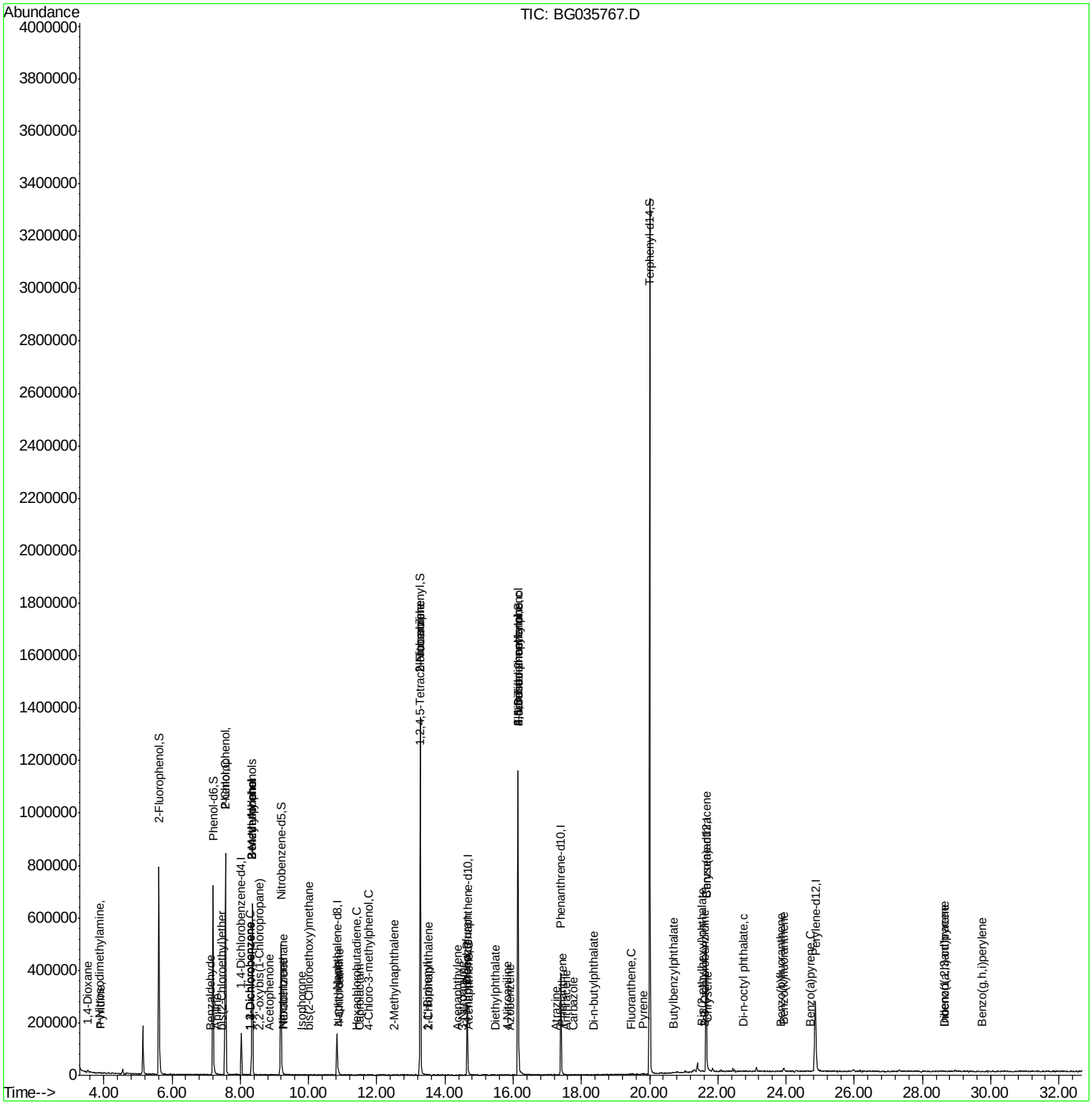
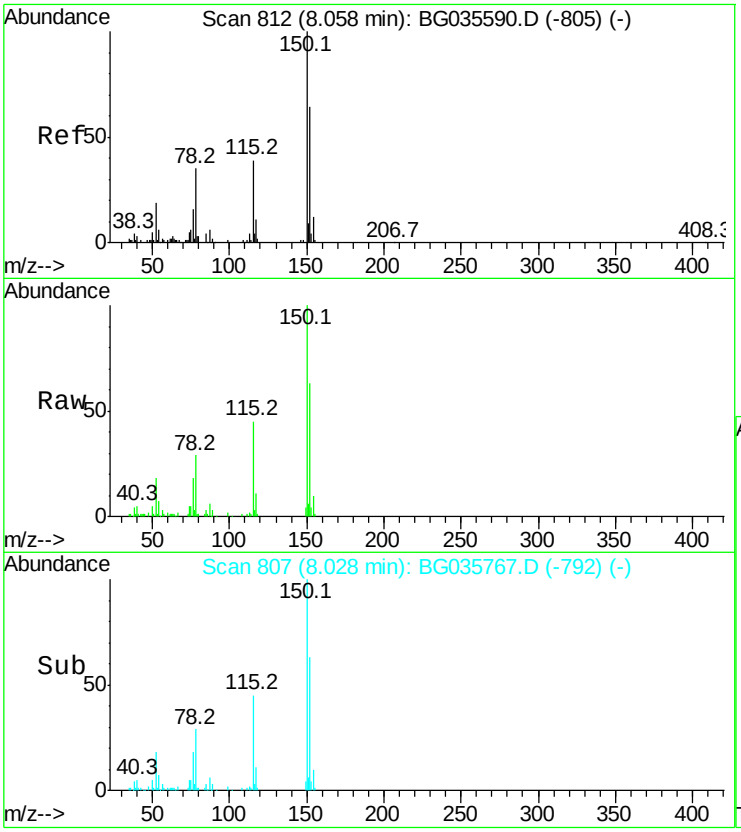
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 18 17:45:13 2018
Response via : Initial Calibration



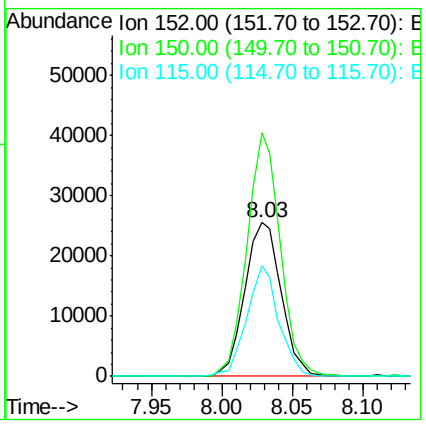


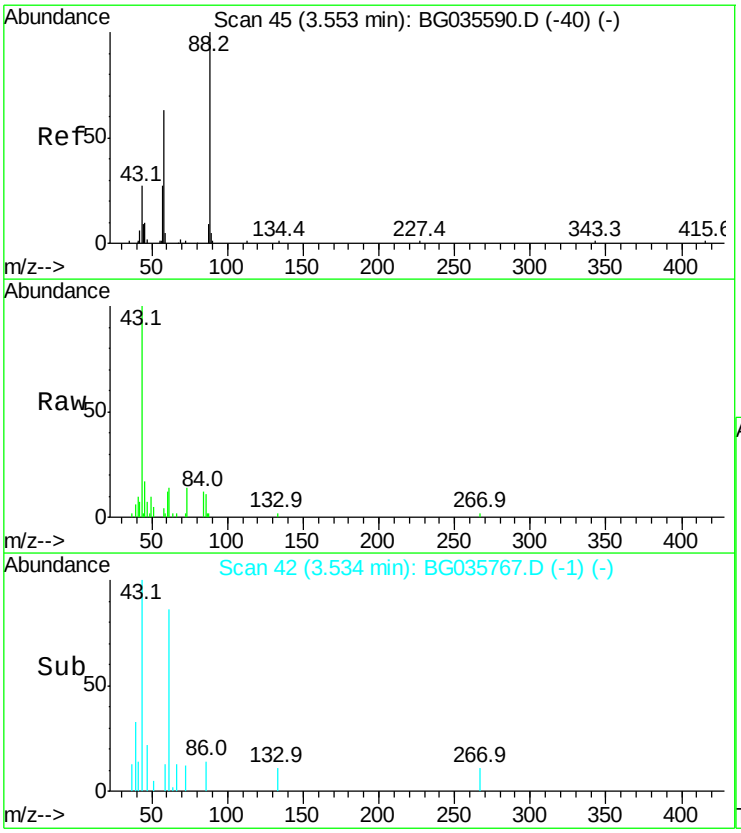
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Instrument :
BNA_G
ClientSampleId :
MH-3

Tgt Ion:152 Resp: 46141

Ion	Ratio	Lower	Upper
152	100		
150	158.3	126.6	189.8
115	71.5	53.0	79.4

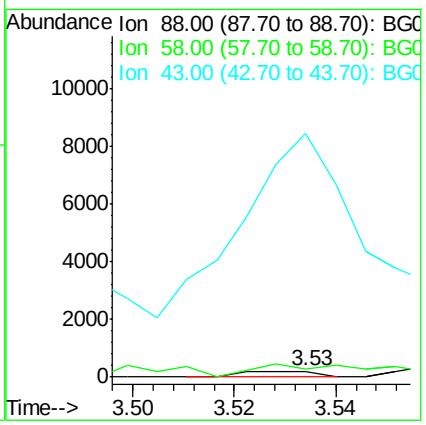


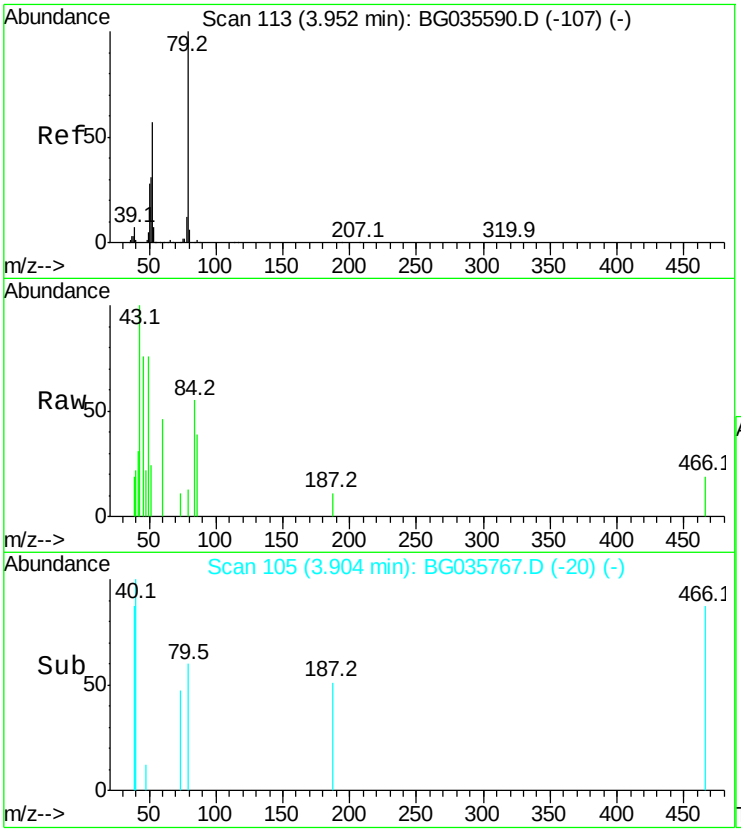


#2
1,4-Dioxane
Concen: 0.143 ng
RT: 3.53 min Scan# 42
Delta R.T. -0.00 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Tgt Ion: 88 Resp: 202

Ion	Ratio	Lower	Upper
88	100		
58	437.1	79.6	119.4#
43	5089.1	27.4	41.0#



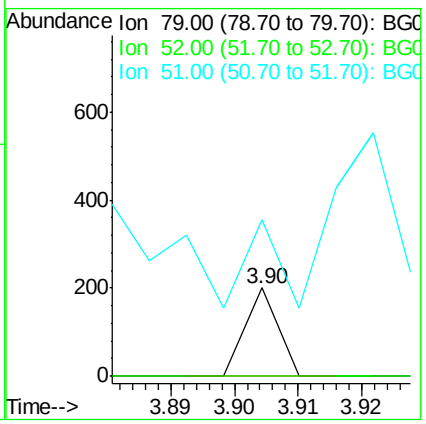


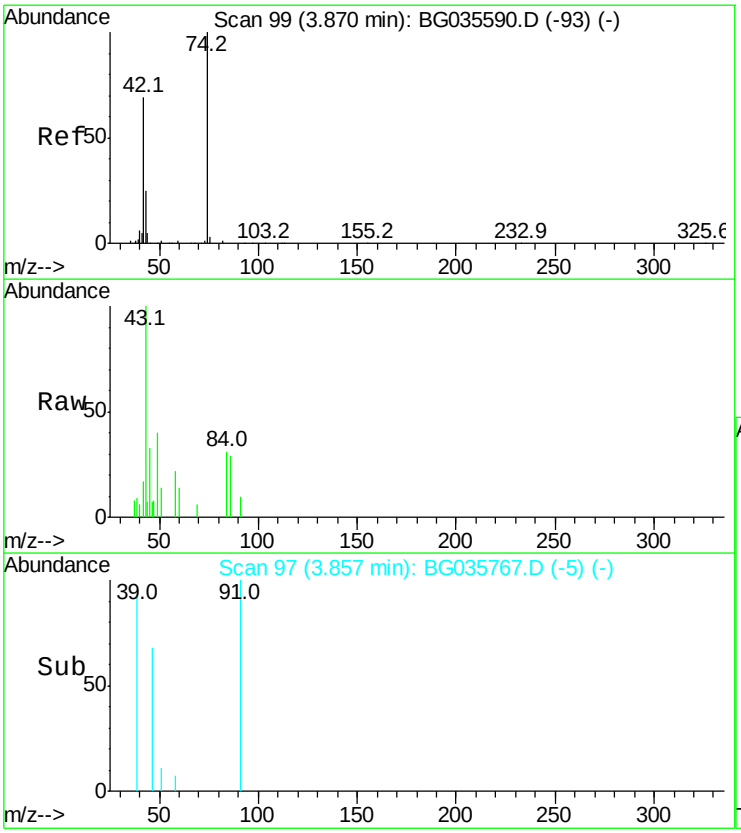
#3
Pyridine
Concen: 0.019 ng
RT: 3.90 min Scan# 105
Delta R.T. -0.03 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Instrument :
BNA_G
ClientSampleId :
MH-3

Tgt Ion: 79 Resp: 70

Ion	Ratio	Lower	Upper
79	100		
52	0.0	69.9	104.9#
51	178.0	34.0	51.0#

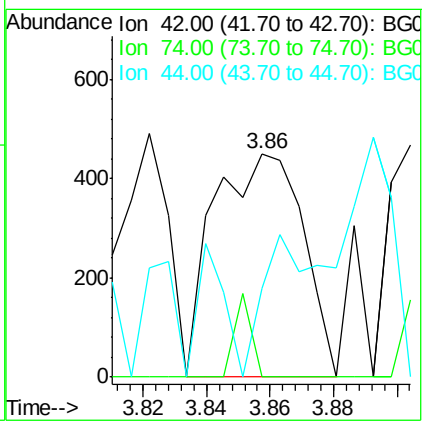


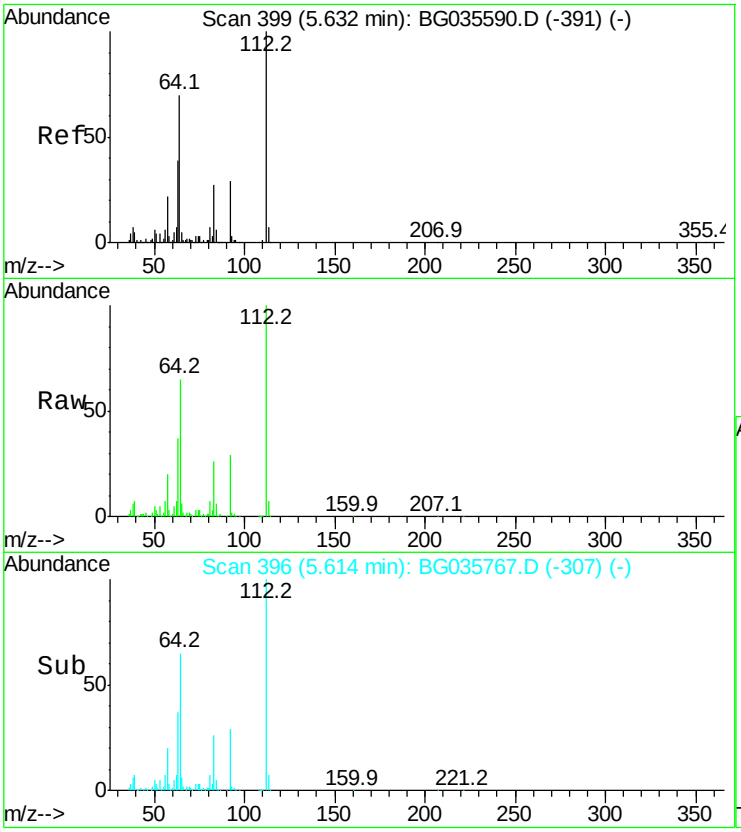


#4
n-Nitrosodimethylamine
Concen: 0.554 ng
RT: 3.86 min Scan# 97
Delta R.T. 0.01 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Tgt Ion: 42 Resp: 879

Ion	Ratio	Lower	Upper
42	100		
74	0.0	102.5	153.7#
44	39.8	18.9	28.3#



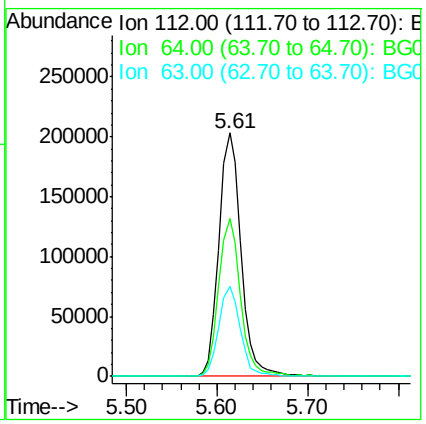


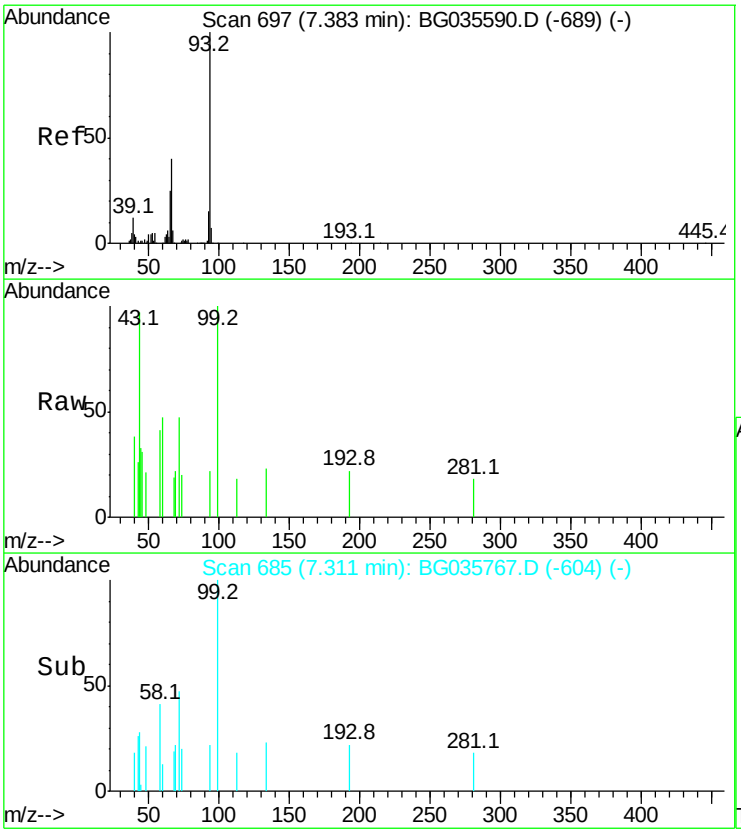
#5
2-Fluorophenol
Concen: 123.893 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Instrument :
BNA_G
ClientSampleId :
MH-3

Tgt Ion:112 Resp: 344321

Ion	Ratio	Lower	Upper
112	100		
64	65.0	56.3	84.5
63	37.0	30.1	45.1

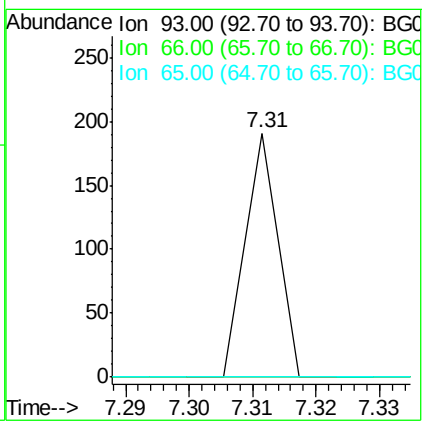


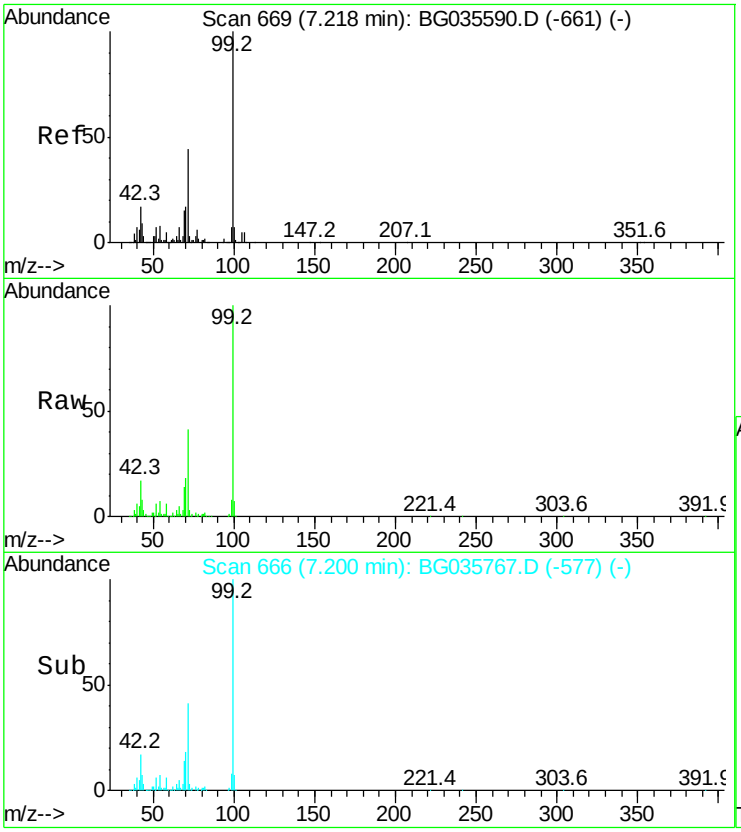


#6
Aniline
Concen: 0.012 ng
RT: 7.31 min Scan# 685
Delta R.T. -0.05 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Tgt Ion: 93 Resp: 67

Ion	Ratio	Lower	Upper
93	100		
66	0.0	33.7	50.5#
65	0.0	16.1	24.1#



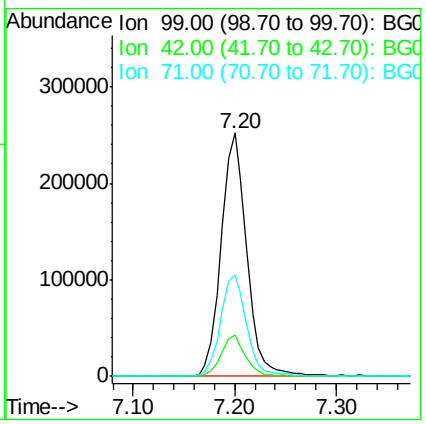


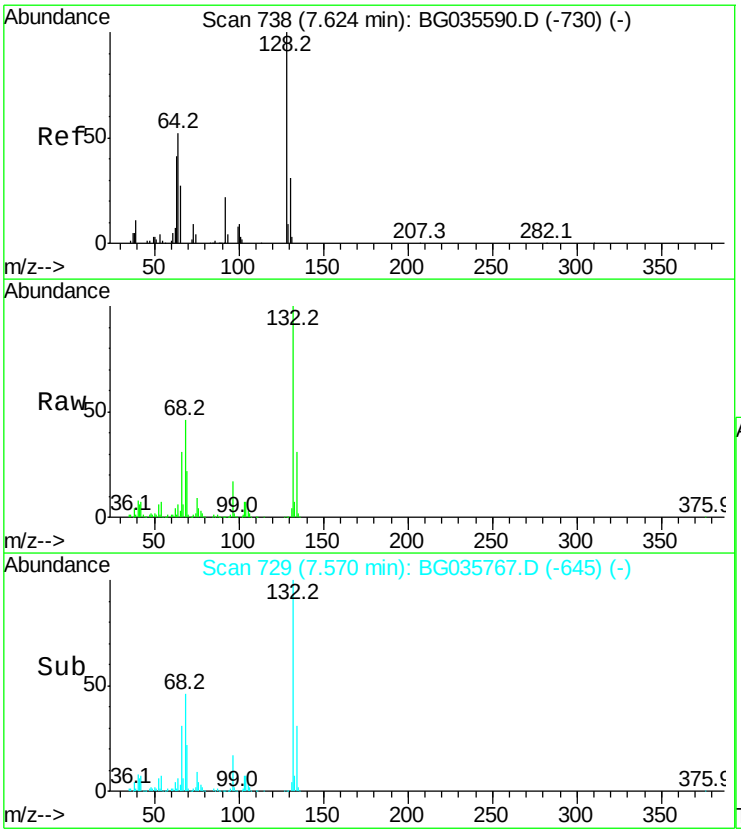
#7
Phenol-d6
Concen: 107.094 ng
RT: 7.20 min Scan# 666
Delta R.T. -0.01 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Instrument :
BNA_G
ClientSampleId :
MH-3

Tgt Ion: 99 Resp: 444067

Ion	Ratio	Lower	Upper
99	100		
42	17.1	14.1	21.1
71	41.5	26.1	39.1#

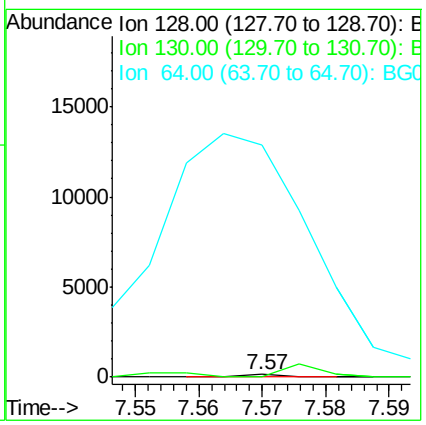


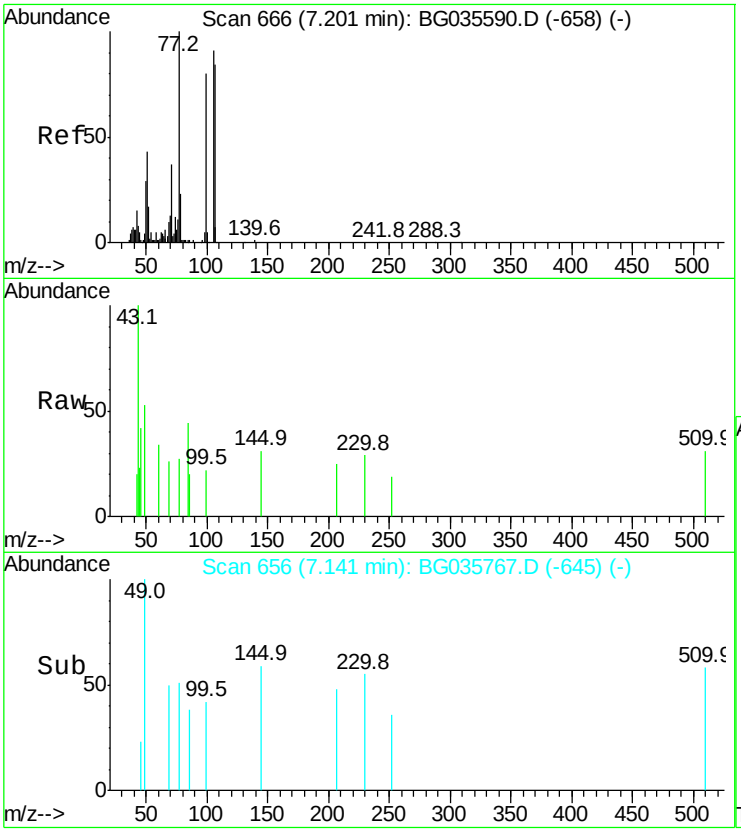


#8
2-Chlorophenol
Concen: 0.019 ng
RT: 7.57 min Scan# 729
Delta R.T. -0.04 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Tgt Ion:128 Resp: 54

Ion	Ratio	Lower	Upper
128	100		
130	0.0	14.0	54.0#
64	8415.0	37.7	77.7#



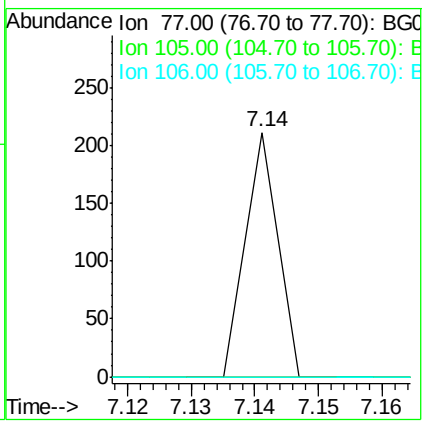


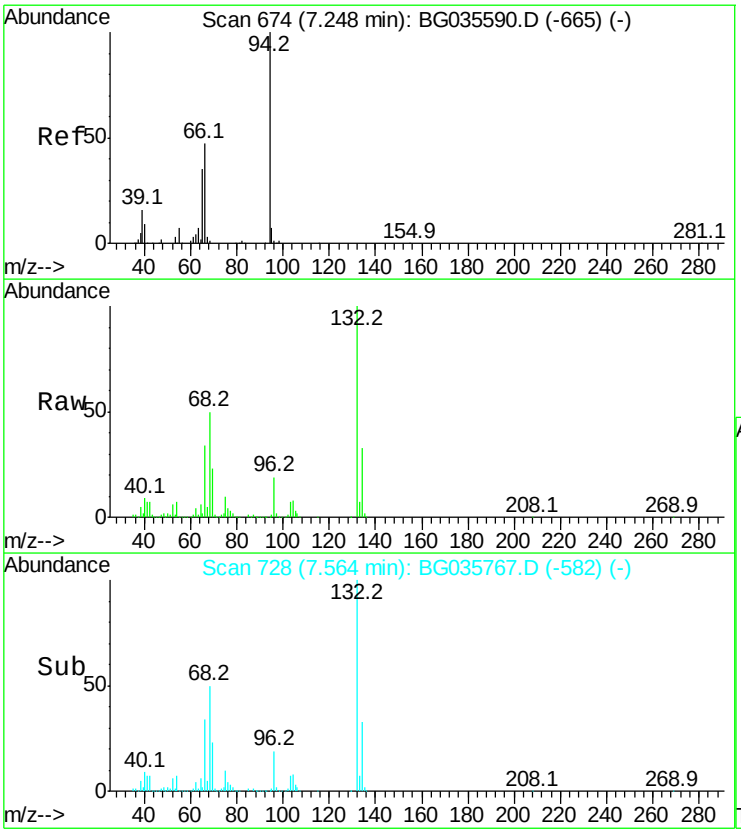
#9
Benzaldehyde
Concen: 0.029 ng
RT: 7.14 min Scan# 656
Delta R.T. -0.04 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Instrument :
BNA_G
ClientSampleId :
MH-3

Tgt Ion: 77 Resp: 74

Ion	Ratio	Lower	Upper
77	100		
105	0.0	71.3	111.3#
106	0.0	64.2	104.2#

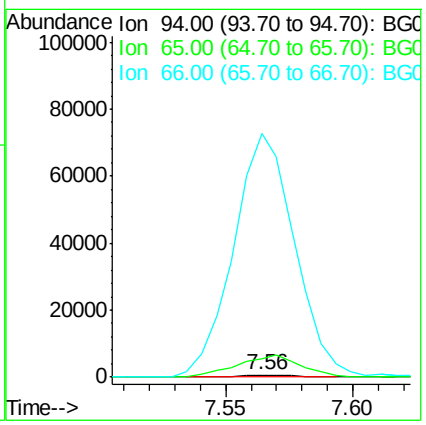


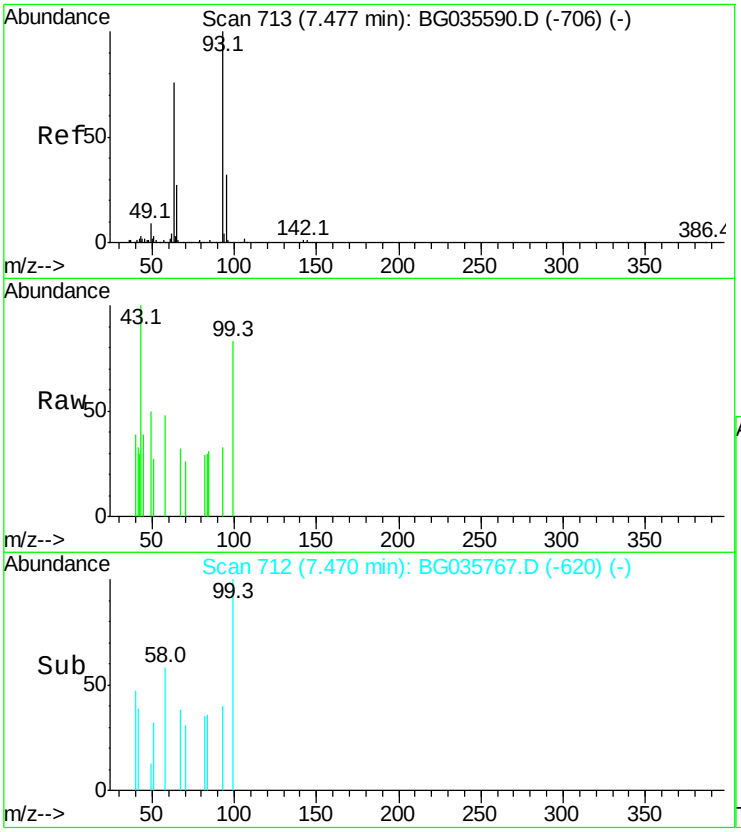


#10
Phenol
Concen: 0.250 ng
RT: 7.56 min Scan# 728
Delta R.T. 0.33 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Tgt Ion: 94 Resp: 1047

Ion	Ratio	Lower	Upper
94	100		
65	855.8	11.9	51.9#
66	11611.5	22.2	62.2#



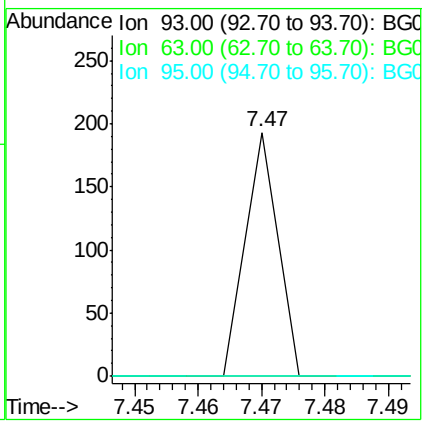


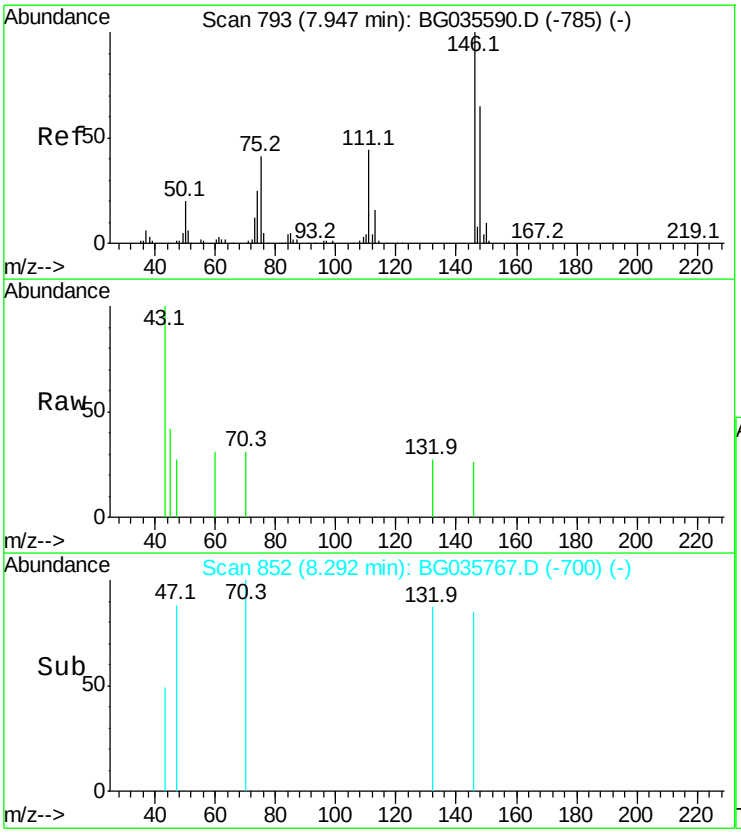
#11
bis(2-Chloroethyl)ether
Concen: 0.021 ng
RT: 7.47 min Scan# 712
Delta R.T. 0.01 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Instrument :
BNA_G
ClientSampleId :
MH-3

Tgt Ion: 93 Resp: 68

Ion	Ratio	Lower	Upper
93	100		
63	0.0	67.1	107.1#
95	0.0	11.5	51.5#

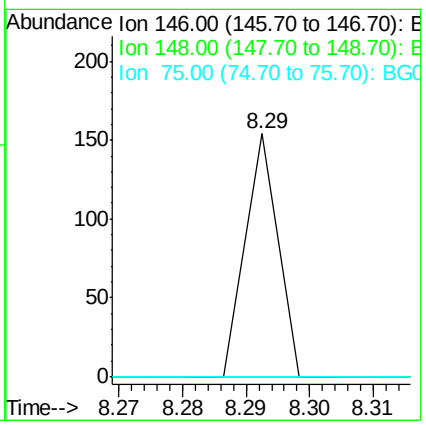


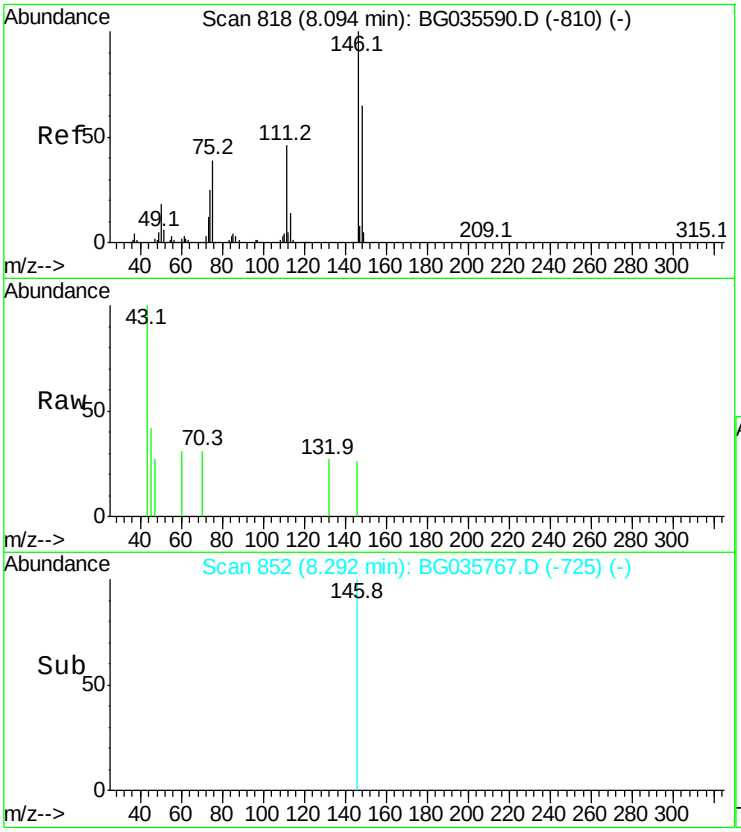


#12
1,3-Dichlorobenzene
Concen: 0.016 ng
RT: 8.29 min Scan# 852
Delta R.T. 0.36 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Tgt Ion:146 Resp: 54

Ion	Ratio	Lower	Upper
146	100		
148	0.0	51.4	77.2#
75	0.0	26.6	39.8#



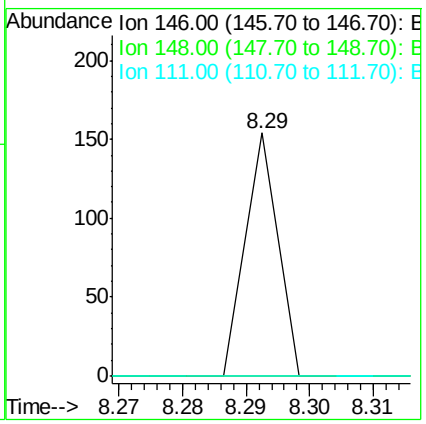


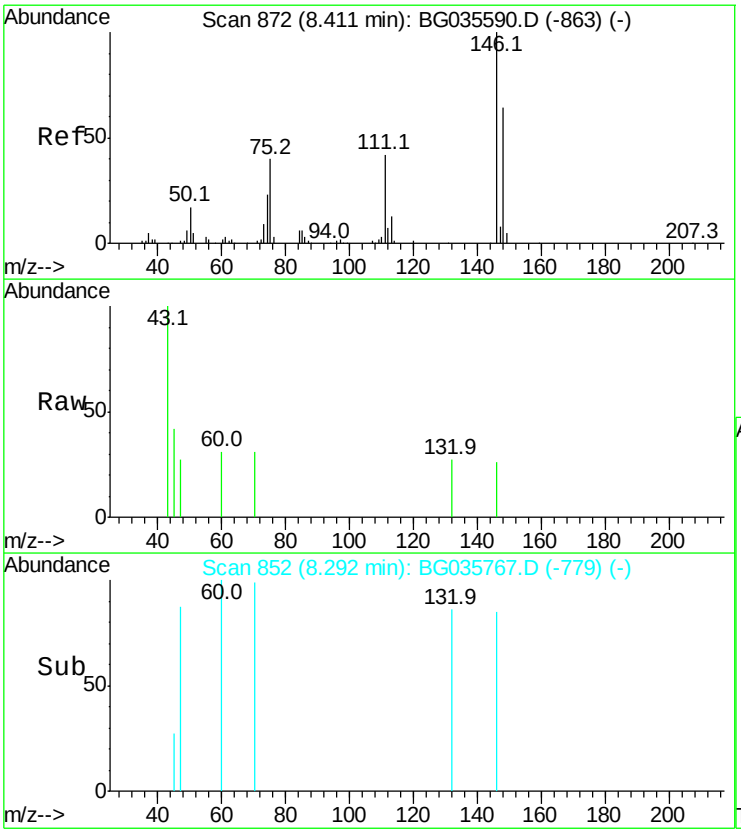
#13
1,4-Dichlorobenzene
Concen: 0.016 ng
RT: 8.29 min Scan# 852
Delta R.T. 0.22 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Instrument :
BNA_G
ClientSampleId :
MH-3

Tgt Ion:146 Resp: 54

Ion	Ratio	Lower	Upper
146	100		
148	0.0	53.7	80.5#
111	0.0	35.2	52.8#

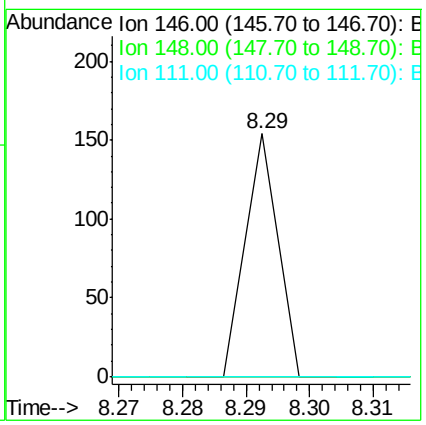


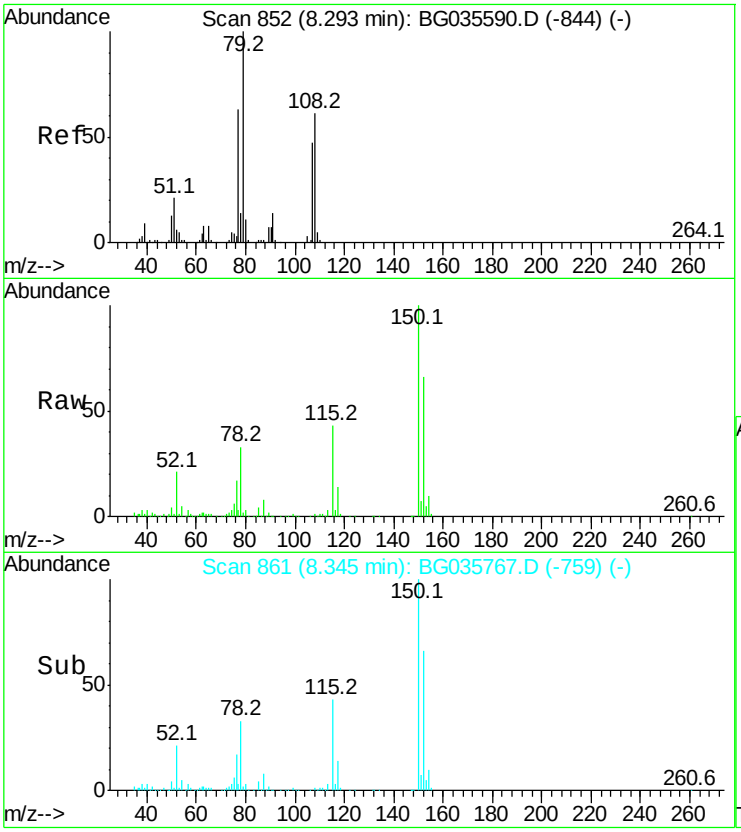


#14
1,2-Dichlorobenzene
Concen: 0.016 ng
RT: 8.29 min Scan# 852
Delta R.T. -0.10 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Tgt Ion:146 Resp: 54

Ion	Ratio	Lower	Upper
146	100		
148	0.0	49.3	73.9#
111	0.0	34.3	51.5#



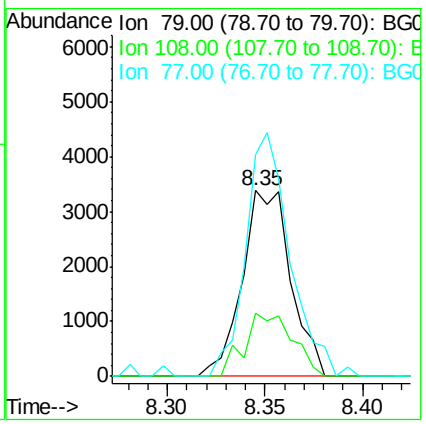


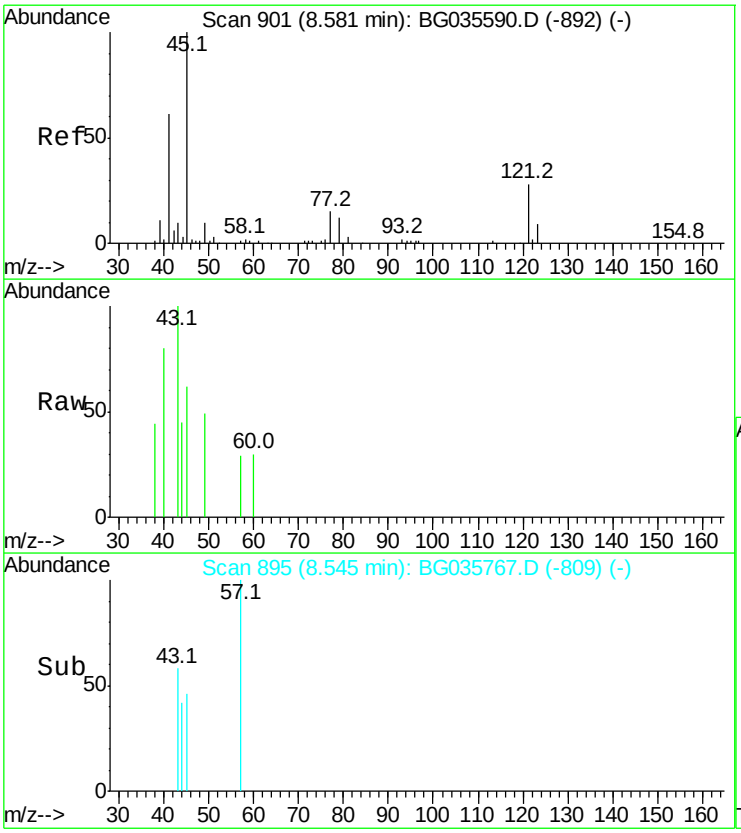
#15
Benzyl Alcohol
Concen: 1.551 ng
RT: 8.35 min Scan# 861
Delta R.T. 0.07 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Instrument :
BNA_G
ClientSampleId :
MH-3

Tgt Ion: 79 Resp: 5841

Ion	Ratio	Lower	Upper
79	100		
108	33.8	57.2	85.8#
77	119.6	46.1	69.1#

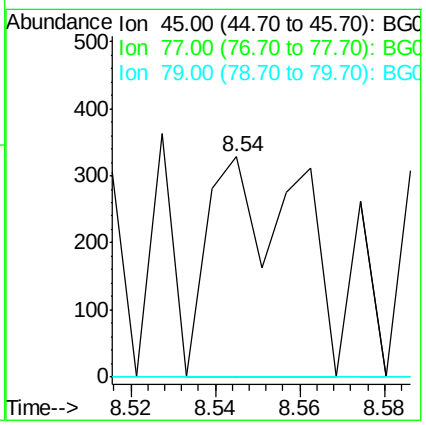


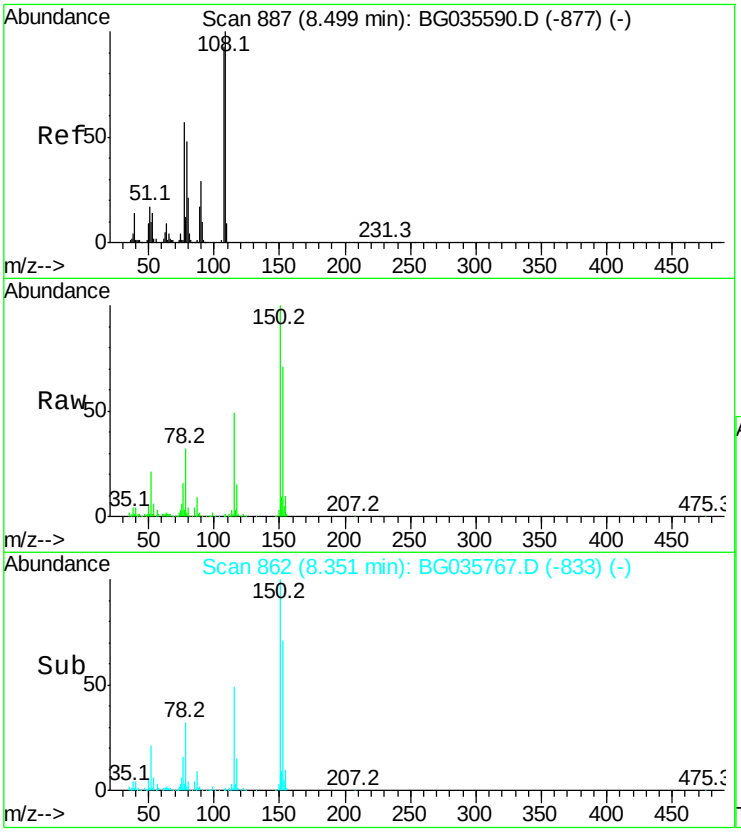


#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.174 ng
RT: 8.54 min Scan# 895
Delta R.T. -0.02 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Tgt Ion: 45 Resp: 479

Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	30.2
79	0.0	0.0	27.9



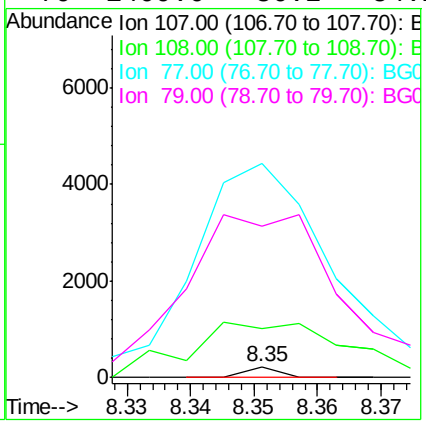


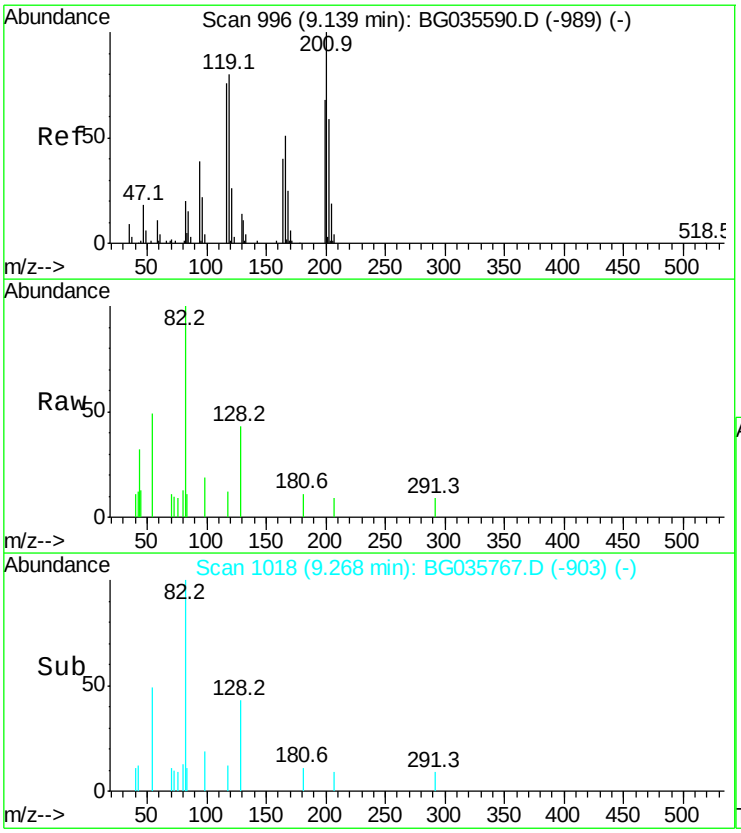
#17
2-Methylphenol
Concen: 0.028 ng
RT: 8.35 min Scan# 862
Delta R.T. -0.13 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Instrument :
BNA_G
ClientSampleId :
MH-3

Tgt Ion:107 Resp: 79

Ion	Ratio	Lower	Upper
107	100		
108	452.5	83.9	125.9#
77	1987.9	37.2	55.8#
79	1409.0	36.2	54.2#

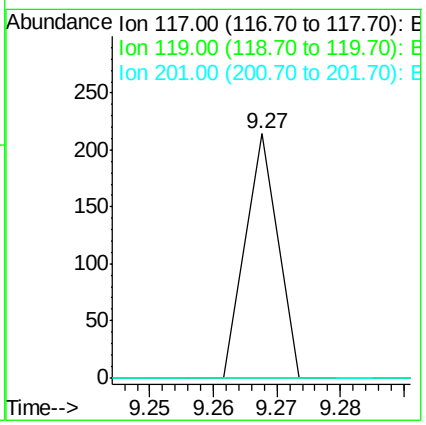


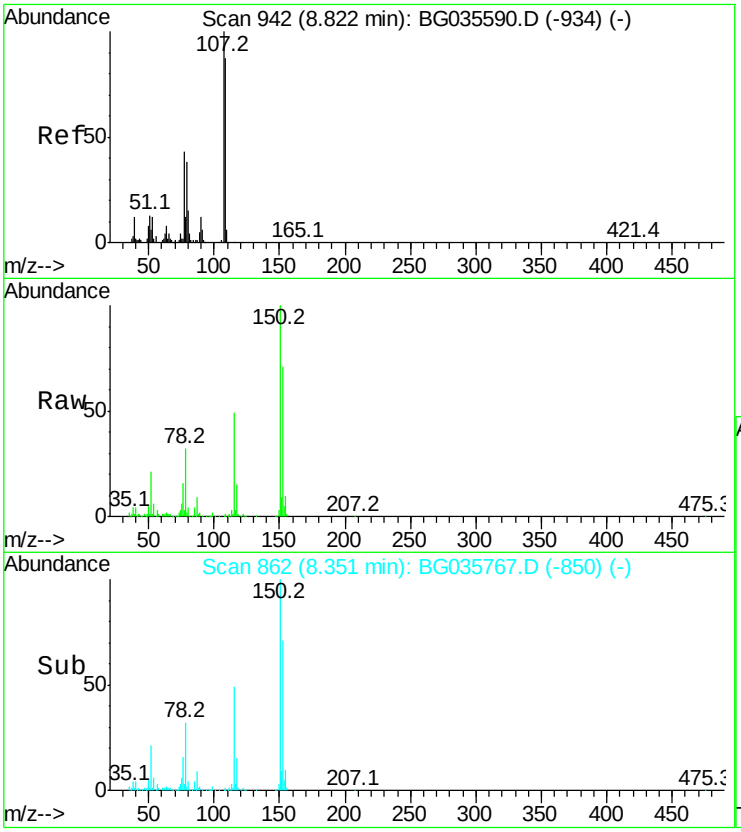


#18
Hexachloroethane
Concen: 0.057 ng
RT: 9.27 min Scan# 1018
Delta R.T. 0.15 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Tgt Ion:117 Resp: 75

Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.7	115.1#
201	0.0	95.7	143.5#



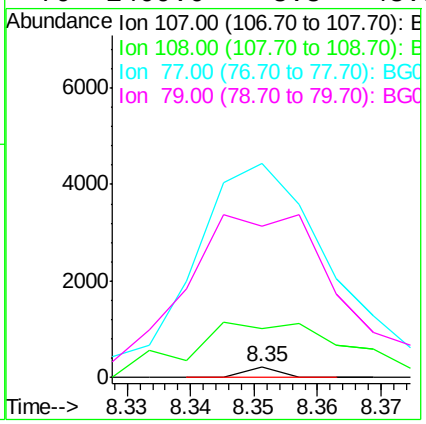


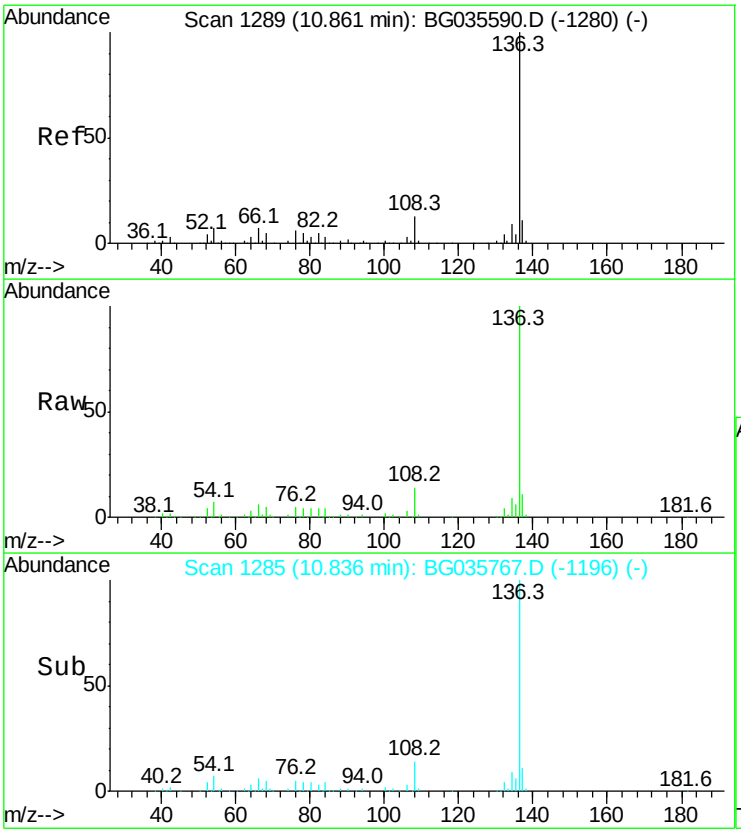
#20
3+4-Methylphenols
Concen: 0.020 ng
RT: 8.35 min Scan# 862
Delta R.T. -0.46 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Instrument :
BNA_G
ClientSampleId :
MH-3

Tgt Ion:107 Resp: 79

Ion	Ratio	Lower	Upper
107	100		
108	452.5	61.6	101.6#
77	1987.9	13.9	53.9#
79	1409.0	8.8	48.8#

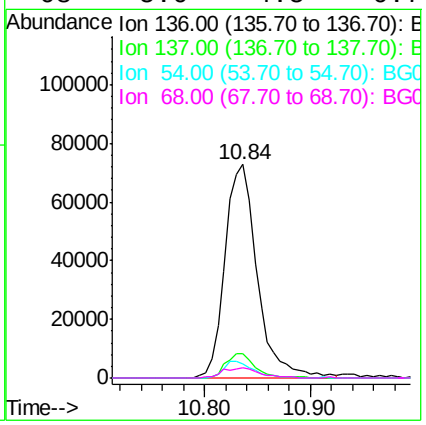


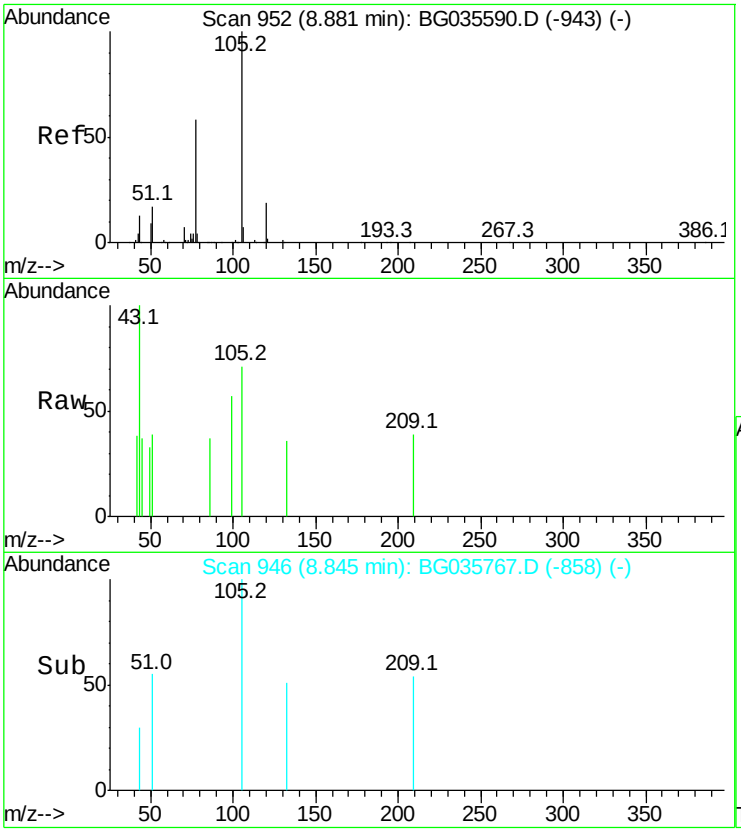


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Tgt Ion:136 Resp: 153613

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	6.6	10.3	15.5#
68	5.0	4.5	6.7



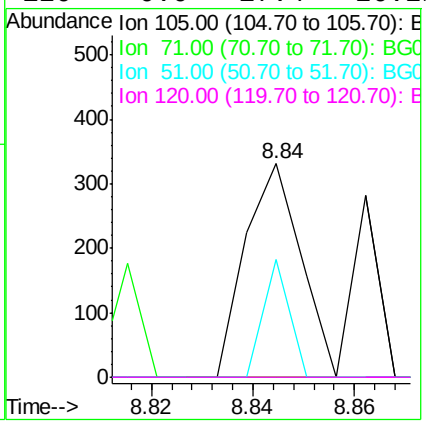


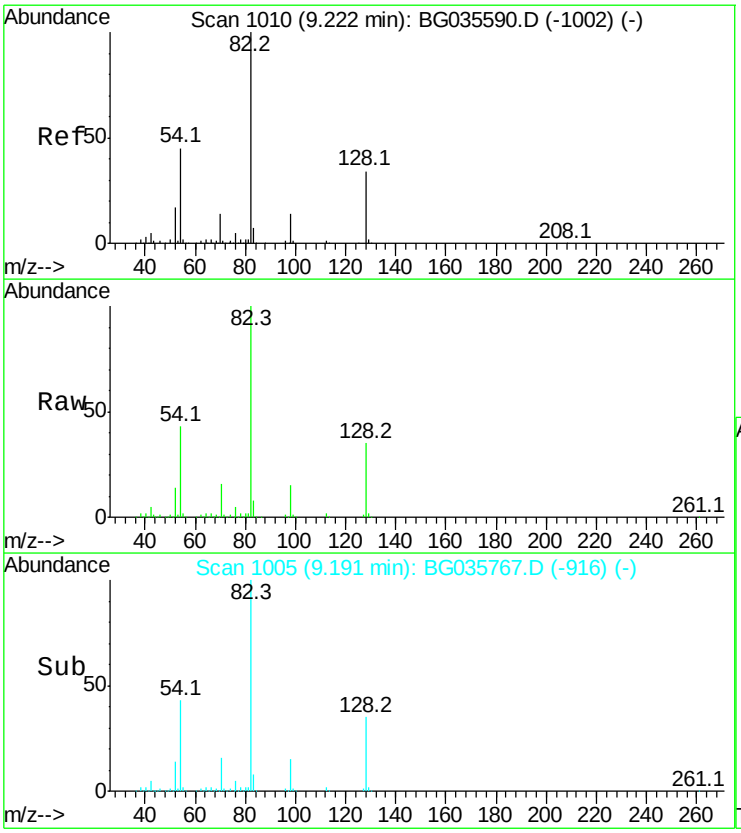
#22
Acetophenone
Concen: 0.053 ng
RT: 8.84 min Scan# 946
Delta R.T. -0.01 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Instrument :
BNA_G
ClientSampleId :
MH-3

Tgt Ion:105 Resp: 251

Ion	Ratio	Lower	Upper
105	100		
71	0.0	3.0	4.4#
51	55.0	26.1	39.1#
120	0.0	17.4	26.2#

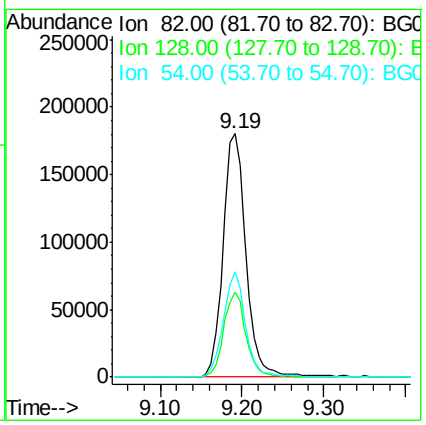


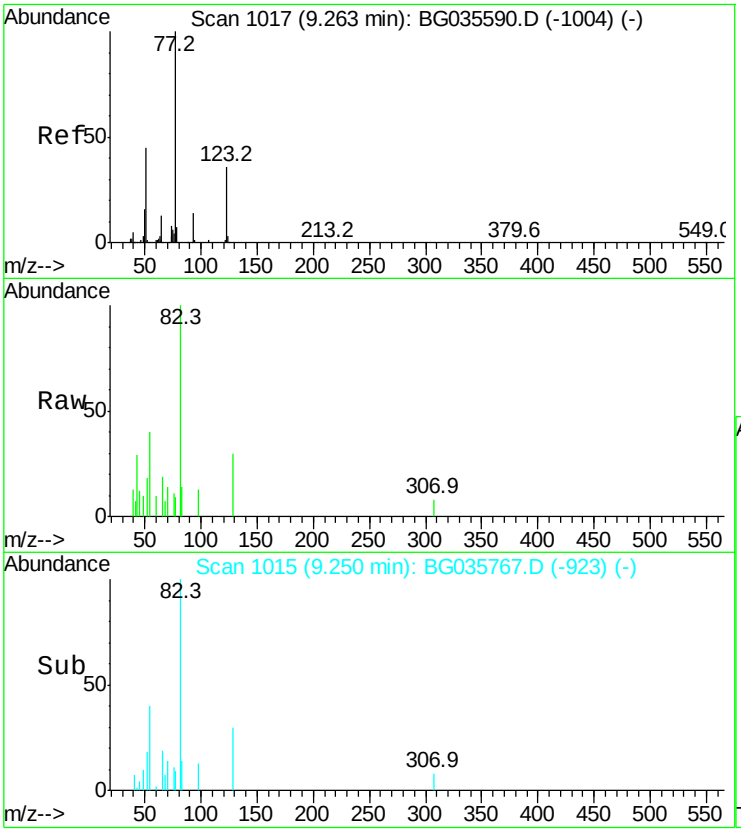


#23
Nitrobenzene-d5
Concen: 95.768 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Tgt Ion: 82 Resp: 352156

Ion	Ratio	Lower	Upper
82	100		
128	34.9	29.7	44.5
54	43.1	43.1	64.7#



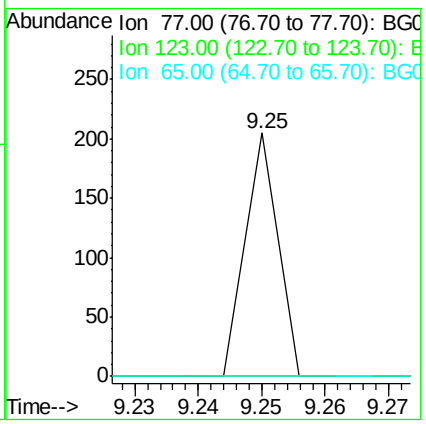


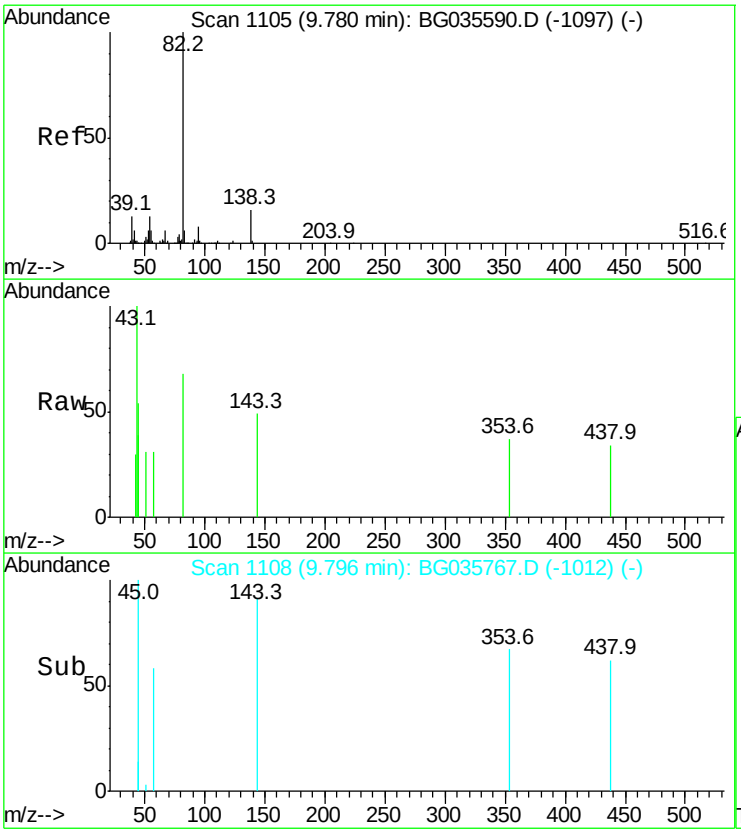
#24
Nitrobenzene
Concen: 0.019 ng
RT: 9.25 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Instrument :
BNA_G
ClientSampleId :
MH-3

Tgt Ion: 77 Resp: 72

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.6#
65	0.0	13.0	19.6#

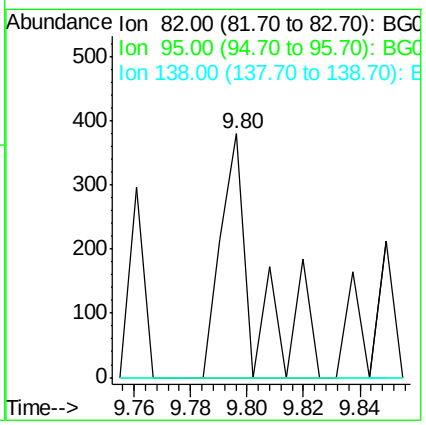


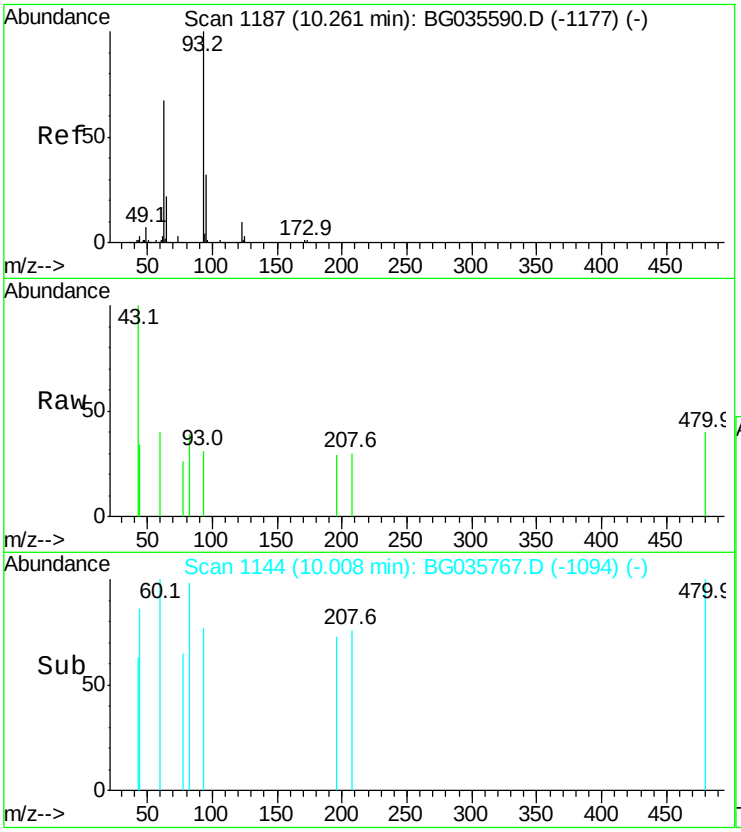


#25
Isophorone
Concen: 0.049 ng
RT: 9.80 min Scan# 1108
Delta R.T. 0.03 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Tgt Ion: 82 Resp: 335

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.2	9.2#
138	0.0	12.1	18.1#



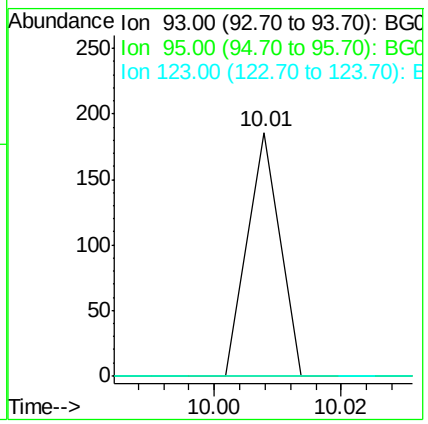


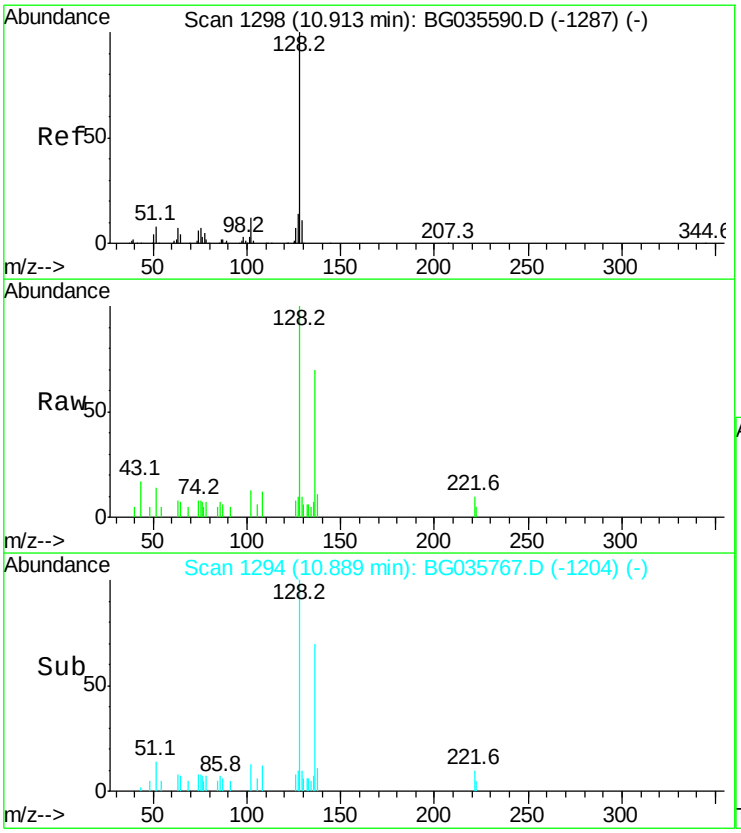
#28
bis(2-Chloroethoxy)methane
Concen: 0.018 ng
RT: 10.01 min Scan# 1144
Delta R.T. -0.24 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Instrument :
BNA_G
ClientSampleId :
MH-3

Tgt Ion: 93 Resp: 66

Ion	Ratio	Lower	Upper
93	100		
95	0.0	24.3	36.5#
123	0.0	8.4	12.6#

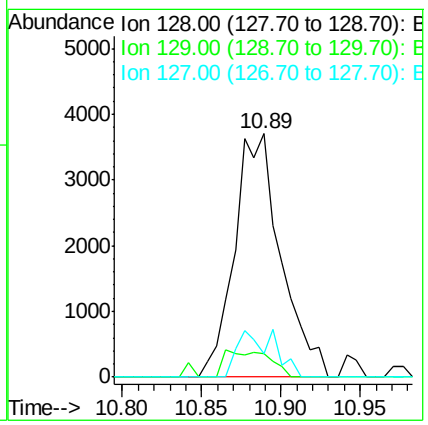


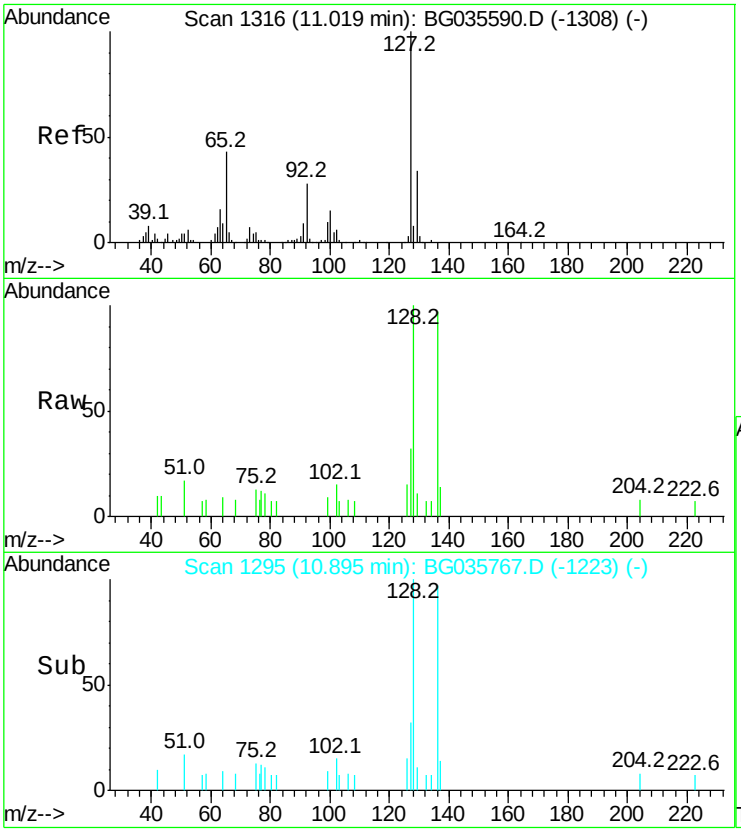


#31
Naphthalene
Concen: 0.941 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Tgt Ion:128 Resp: 7532

Ion	Ratio	Lower	Upper
128	100		
129	9.6	8.6	12.8
127	9.8	11.6	17.4#



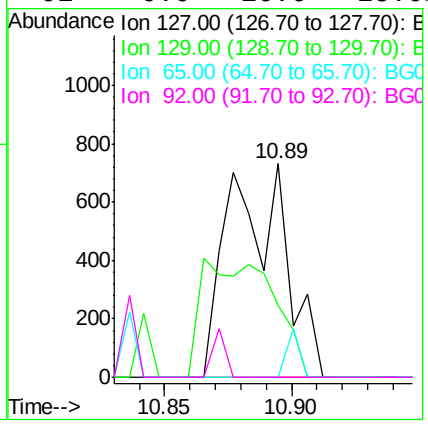


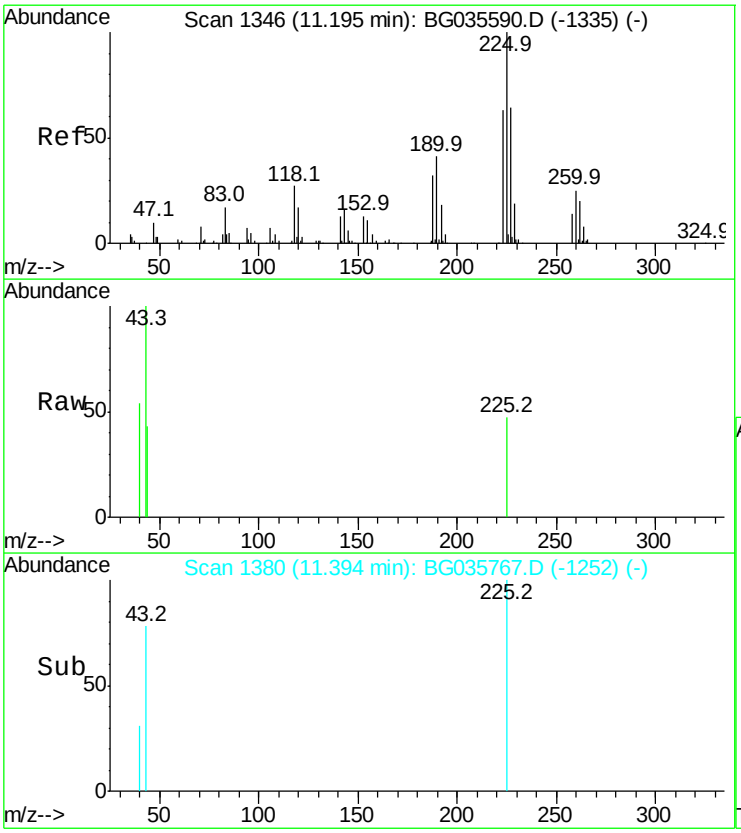
#33
4-Chloroaniline
Concen: 0.329 ng
RT: 10.89 min Scan# 1295
Delta R.T. -0.11 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Instrument :
BNA_G
ClientSampleId :
MH-3

Tgt Ion:127 Resp: 1147

Ion	Ratio	Lower	Upper
127	100		
129	33.6	24.0	36.0
65	0.0	27.0	40.4#
92	0.0	16.6	25.0#

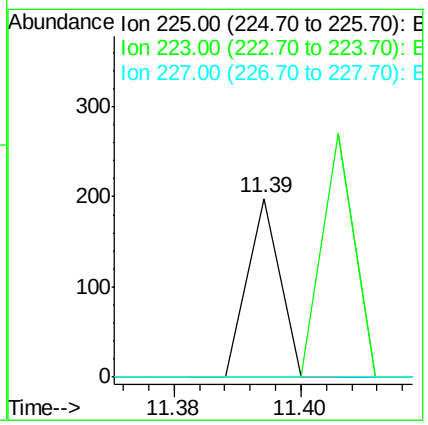


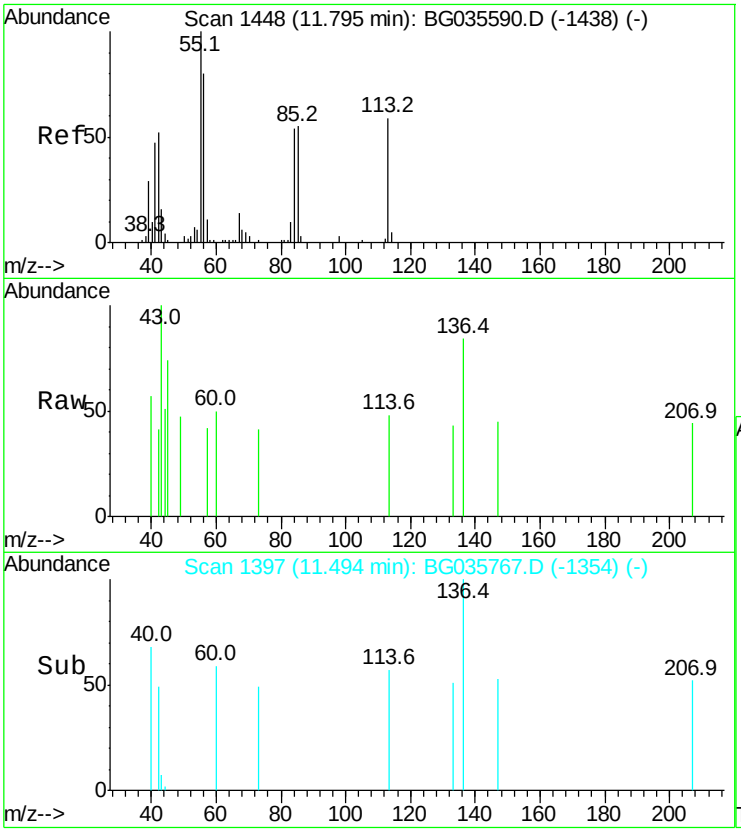


#34
Hexachlorobutadiene
Concen: 0.029 ng
RT: 11.39 min Scan# 1380
Delta R.T. 0.22 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Tgt Ion:225 Resp: 70

Ion	Ratio	Lower	Upper
225	100		
223	0.0	49.7	74.5#
227	0.0	48.1	72.1#



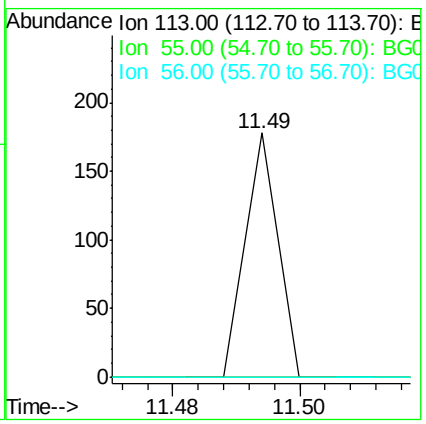


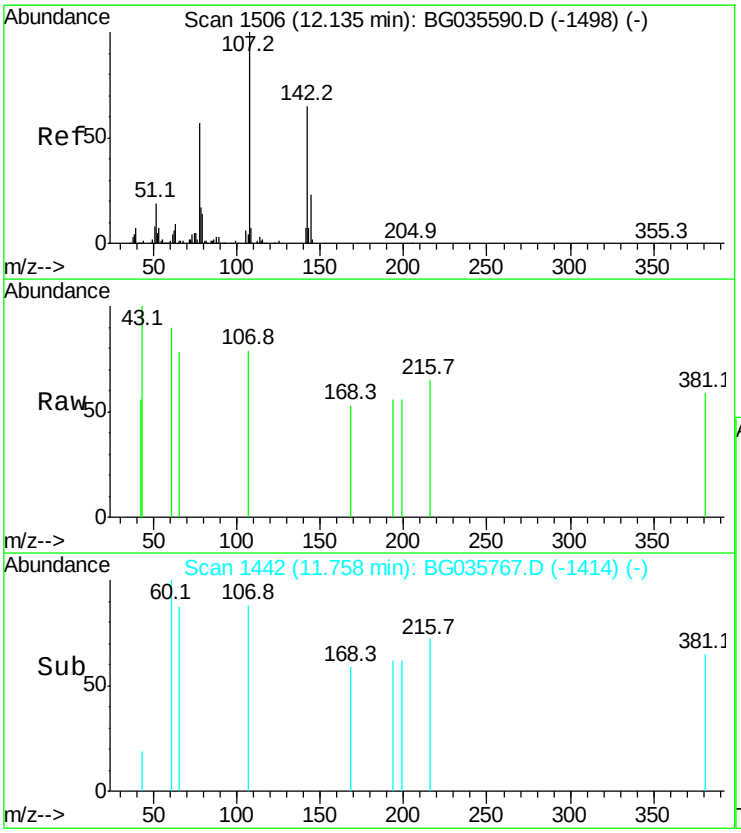
#35
Caprolactam
Concen: 0.058 ng
RT: 11.49 min Scan# 1397
Delta R.T. -0.28 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Instrument :
BNA_G
ClientSampleId :
MH-3

Tgt Ion:113 Resp: 63

Ion	Ratio	Lower	Upper
113	100		
55	0.0	186.9	226.9#
56	0.0	130.9	170.9#

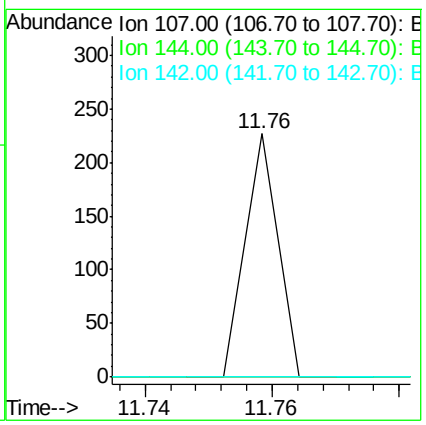


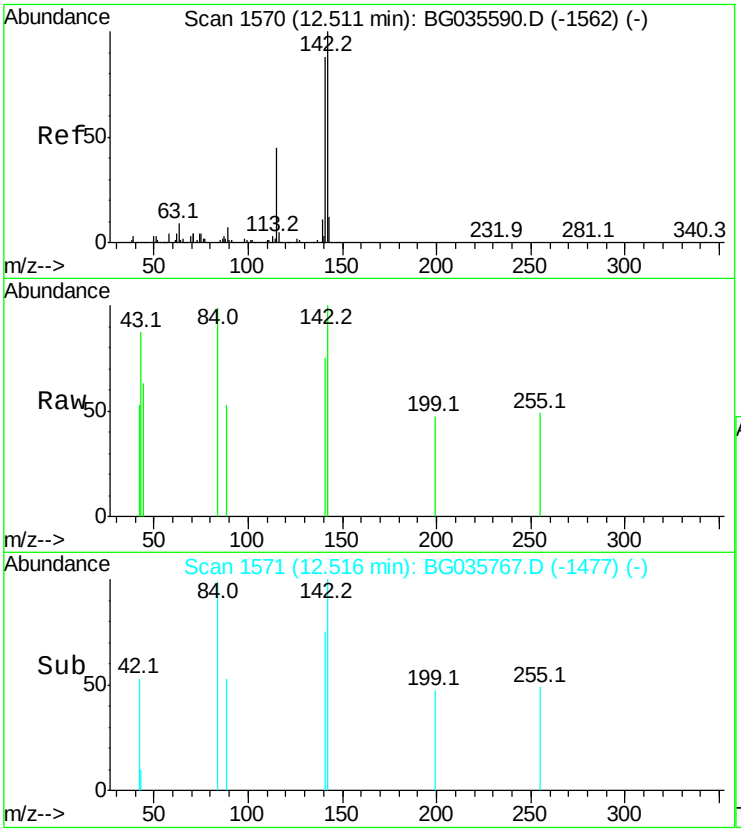


#36
4-Chloro-3-methylphenol
Concen: 0.024 ng
RT: 11.76 min Scan# 1442
Delta R.T. -0.36 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Tgt Ion:107 Resp: 80

Ion	Ratio	Lower	Upper
107	100		
144	0.0	18.2	27.4#
142	0.0	59.0	88.4#



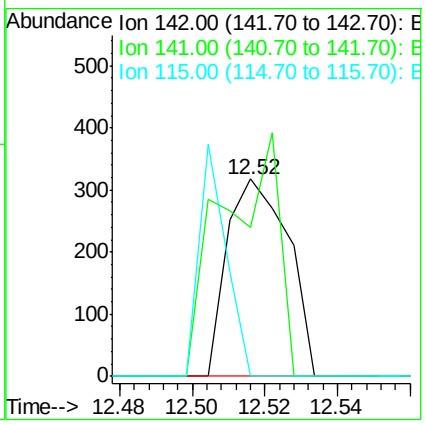


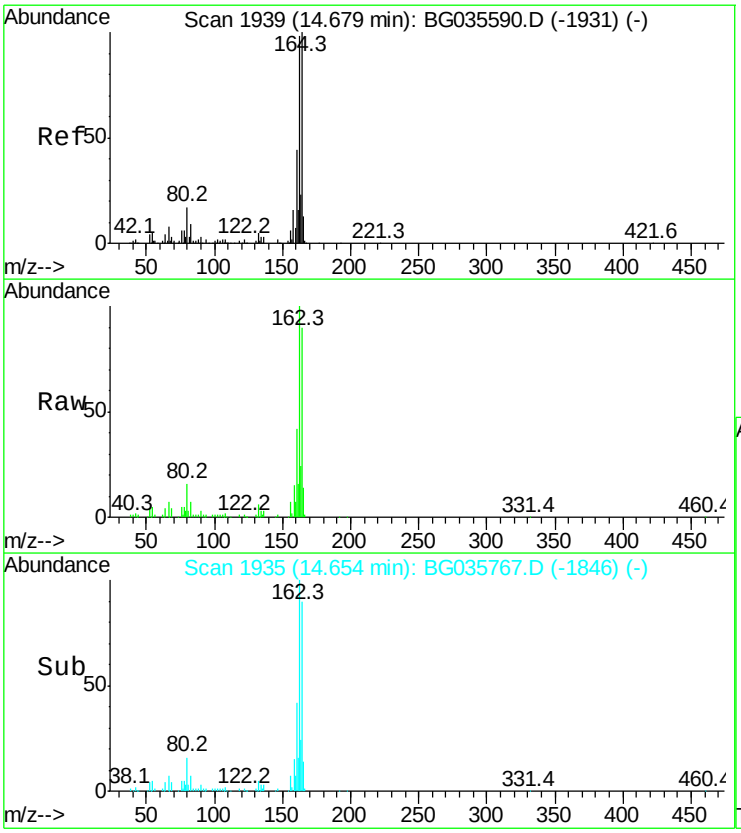
#37
2-Methylnaphthalene
Concen: 0.062 ng
RT: 12.52 min Scan# 1571
Delta R.T. 0.02 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Instrument :
BNA_G
ClientSampleId :
MH-3

Tgt Ion:142 Resp: 371

Ion	Ratio	Lower	Upper
142	100		
141	75.5	67.1	100.7
115	0.0	30.7	46.1#

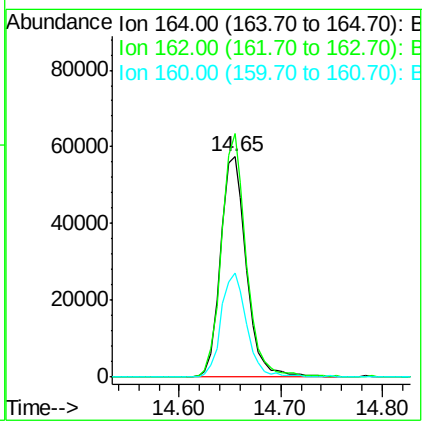


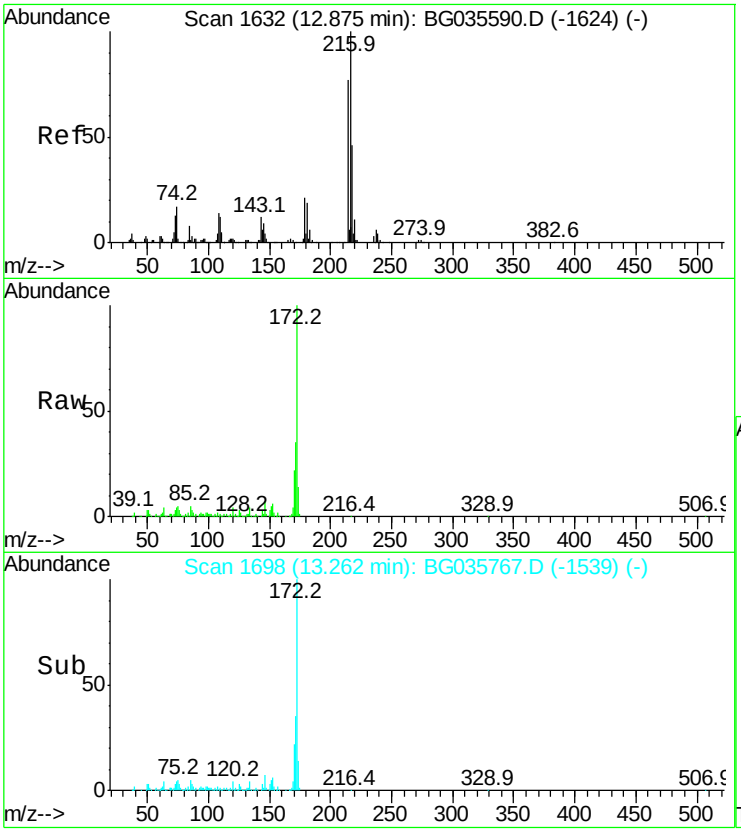


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Tgt Ion:164 Resp: 101245

Ion	Ratio	Lower	Upper
164	100		
162	110.7	78.8	118.2
160	47.0	35.4	53.0



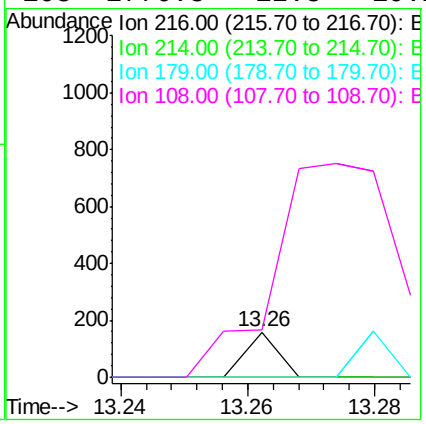


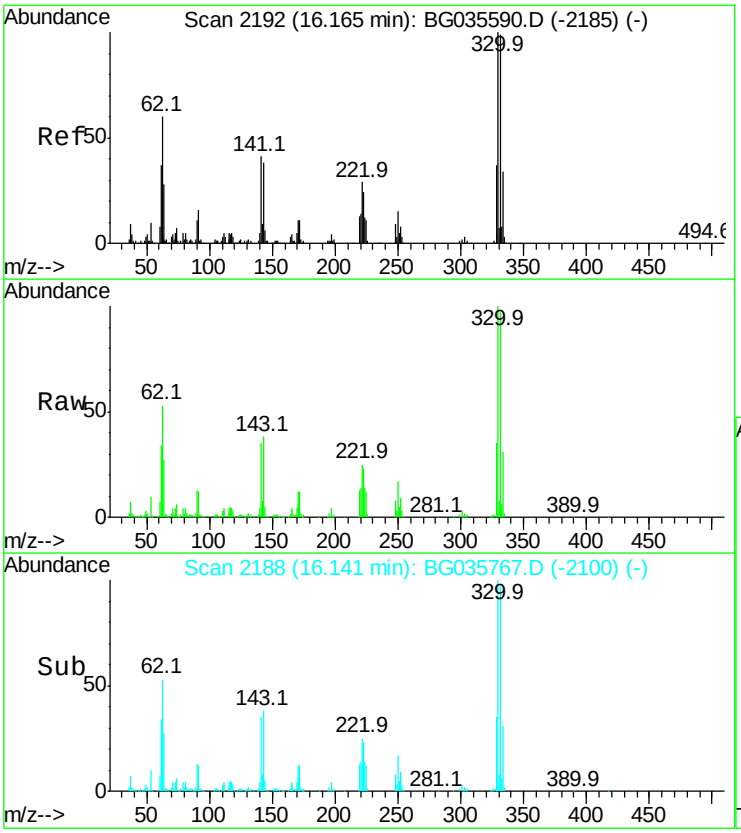
#39
1,2,4,5-Tetrachlorobenzene
Concen: 0.015 ng
RT: 13.26 min Scan# 1698
Delta R.T. 0.40 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Instrument :
BNA_G
ClientSampleId :
MH-3

Tgt Ion:216 Resp: 56

Ion	Ratio	Lower	Upper
216	100		
214	0.0	63.0	94.4#
179	101.8	17.0	25.6#
108	1776.8	12.8	19.2#

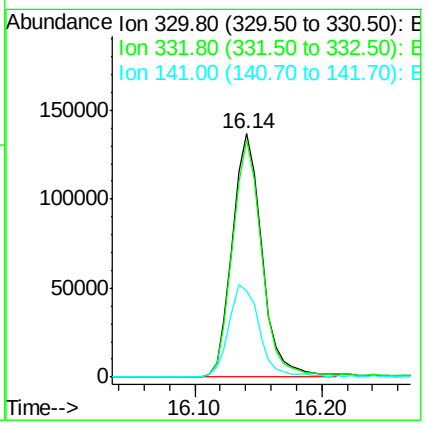


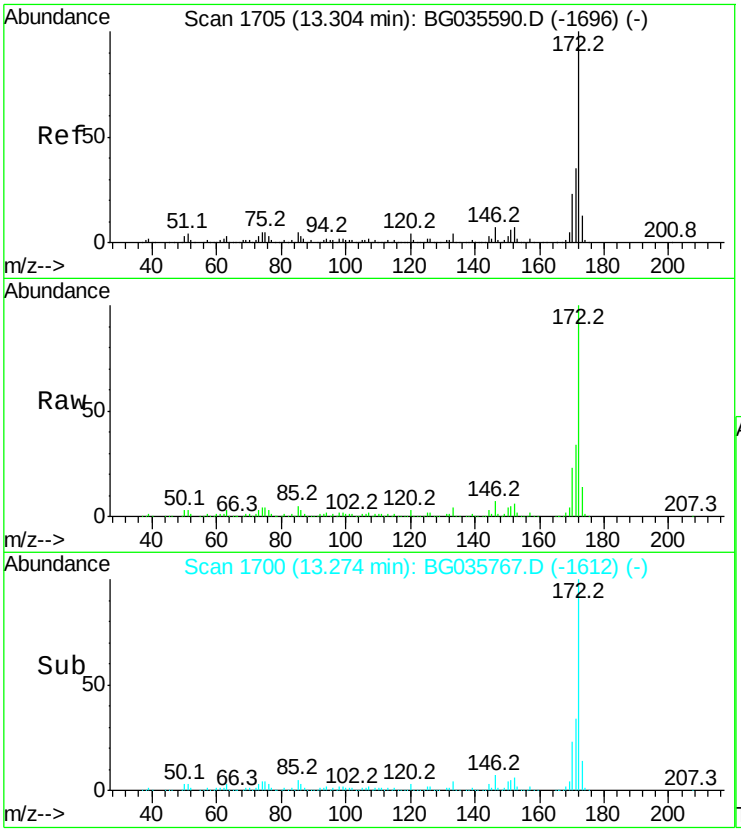


#41
2,4,6-Tribromophenol
Concen: 166.227 ng
RT: 16.14 min Scan# 2188
Delta R.T. -0.01 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Tgt Ion:330 Resp: 221826

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	39.2	25.2	37.8#



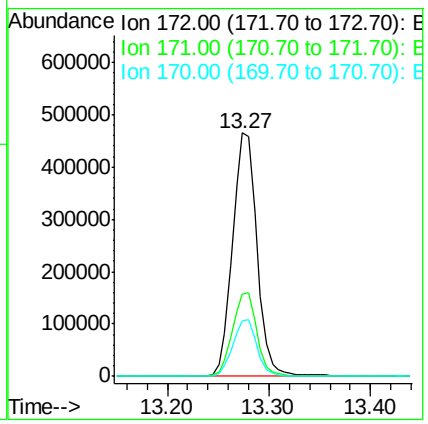


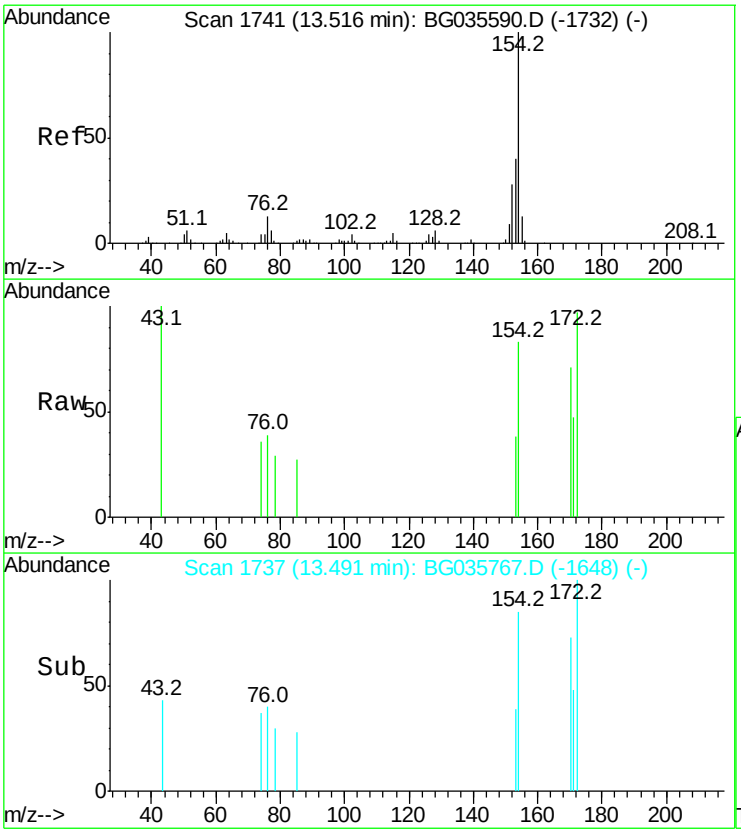
#44
2-Fluorobiphenyl
Concen: 103.052 ng
RT: 13.27 min Scan# 1700
Delta R.T. -0.01 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Instrument :
BNA_G
ClientSampleId :
MH-3

Tgt Ion:172 Resp: 778769

Ion	Ratio	Lower	Upper
172	100		
171	34.0	30.0	45.0
170	22.9	19.5	29.3

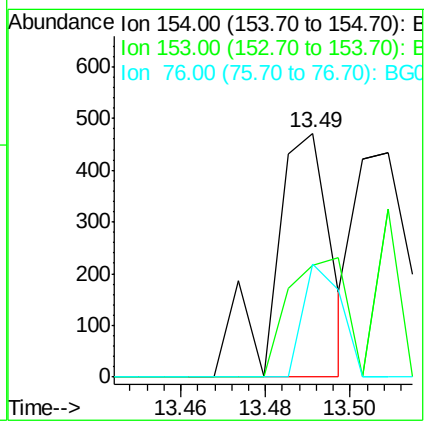


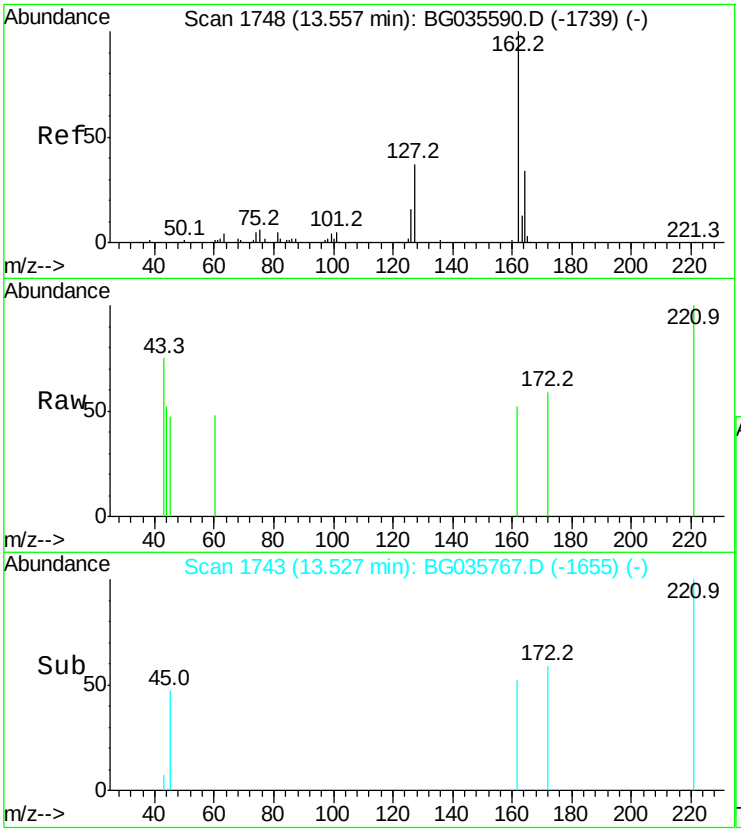


#45
1,1'-Biphenyl
Concen: 0.056 ng
RT: 13.49 min Scan# 1737
Delta R.T. -0.01 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Tgt Ion:154 Resp: 442

Ion	Ratio	Lower	Upper
154	100		
153	46.1	19.8	59.8
76	46.5	0.0	31.9#



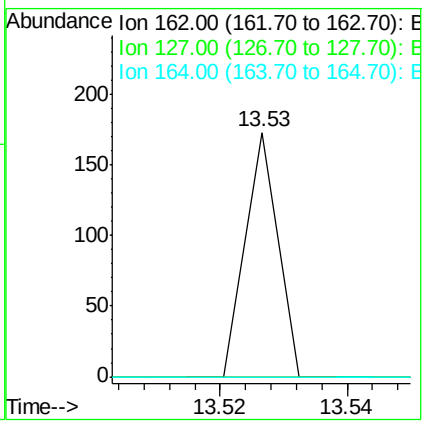


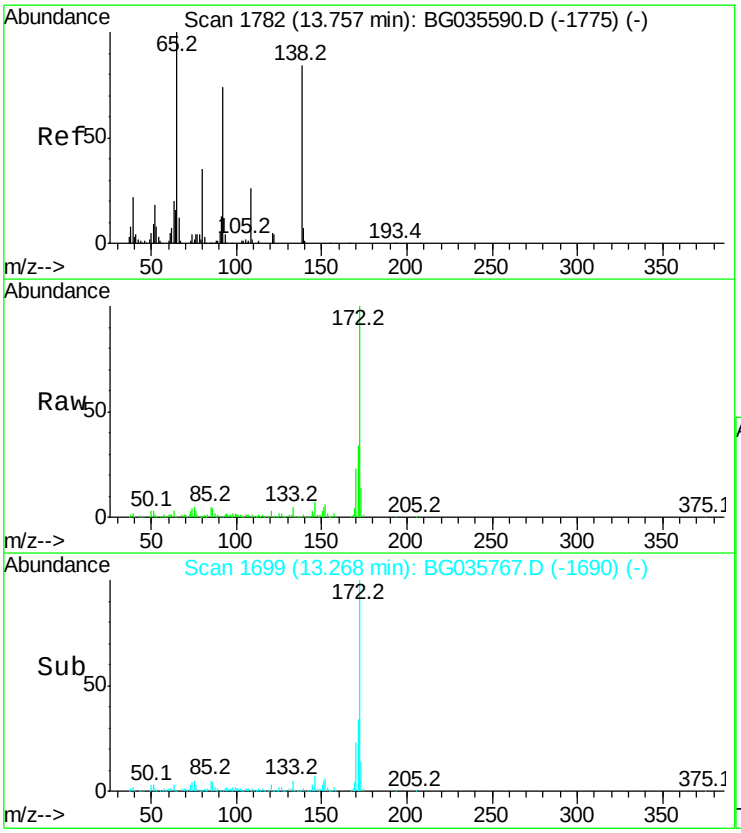
#46
2-Chloronaphthalene
Concen: 0.010 ng
RT: 13.53 min Scan# 1743
Delta R.T. -0.01 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Instrument :
BNA_G
ClientSampleId :
MH-3

Tgt Ion:162 Resp: 61

Ion	Ratio	Lower	Upper
162	100		
127	0.0	30.7	46.1#
164	0.0	26.0	39.0#

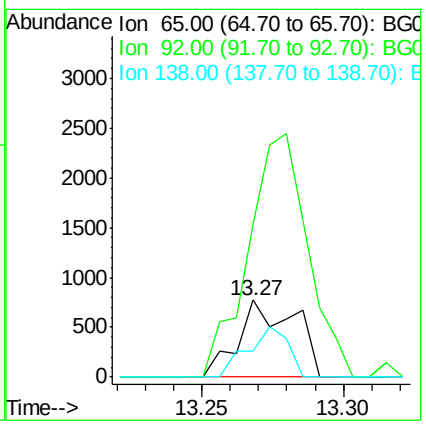


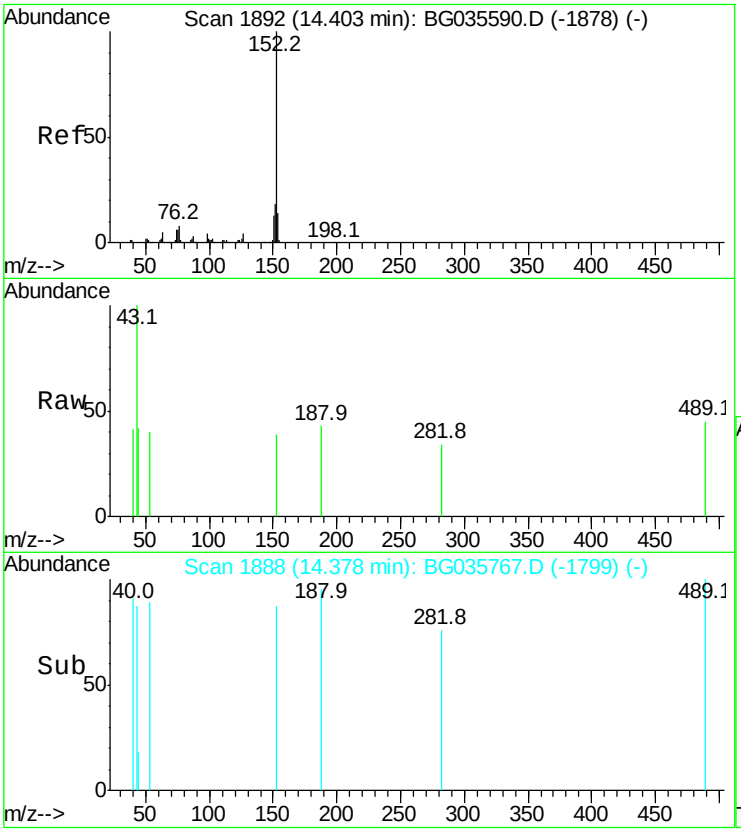


#47
2-Nitroaniline
Concen: 0.495 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.48 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Tgt Ion: 65 Resp: 1068

Ion	Ratio	Lower	Upper
65	100		
92	198.4	54.6	82.0#
138	34.2	72.9	109.3#



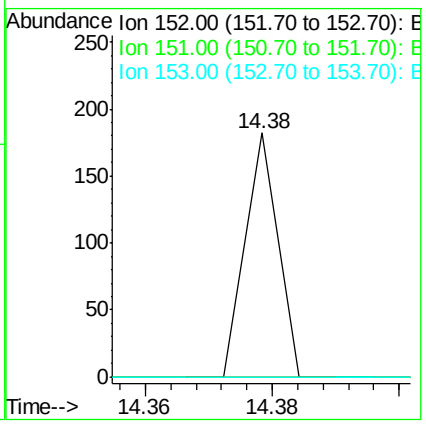


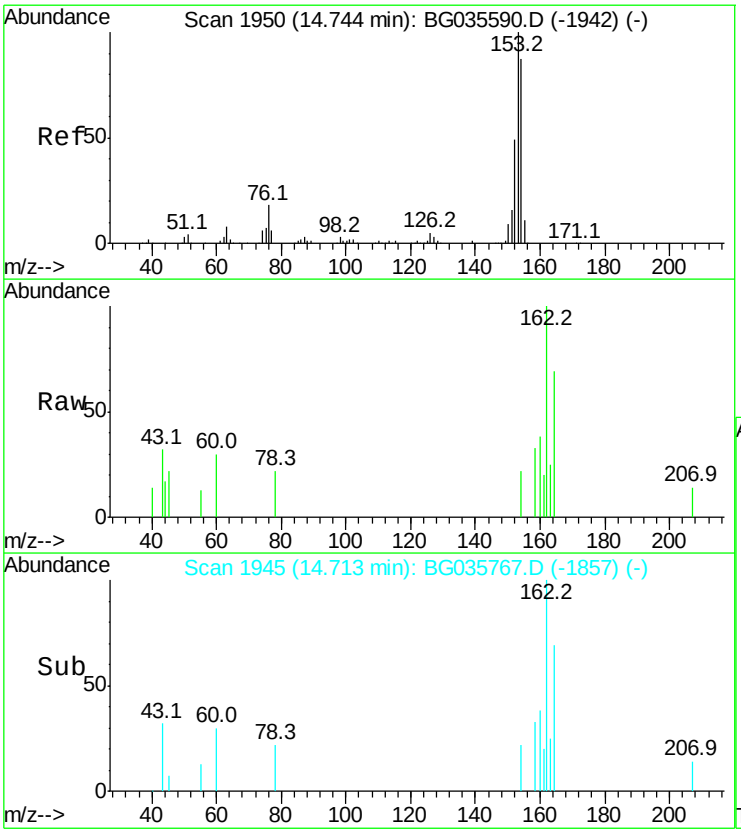
#48
Acenaphthylene
Concen: 0.006 ng
RT: 14.38 min Scan# 1888
Delta R.T. -0.01 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Instrument :
BNA_G
ClientSampleId :
MH-3

Tgt Ion:152 Resp: 64

Ion	Ratio	Lower	Upper
152	100		
151	0.0	17.2	25.8#
153	0.0	10.2	15.4#

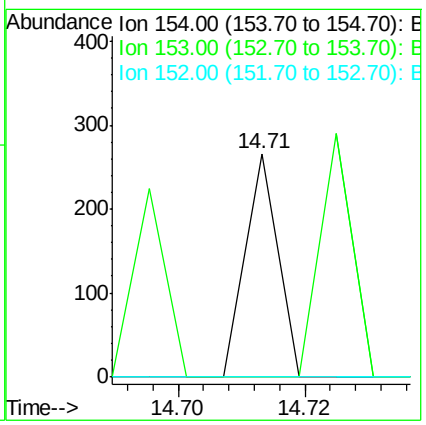


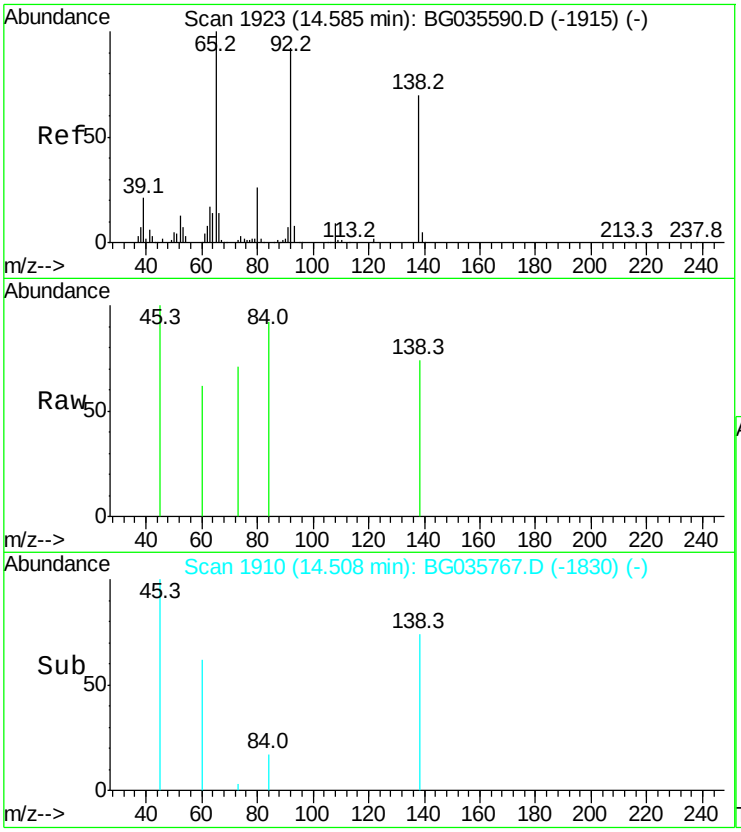


#51
Acenaphthene
Concen: 0.015 ng
RT: 14.71 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Tgt Ion:154 Resp: 94

Ion	Ratio	Lower	Upper
154	100		
153	0.0	90.4	135.6#
152	0.0	41.6	62.4#



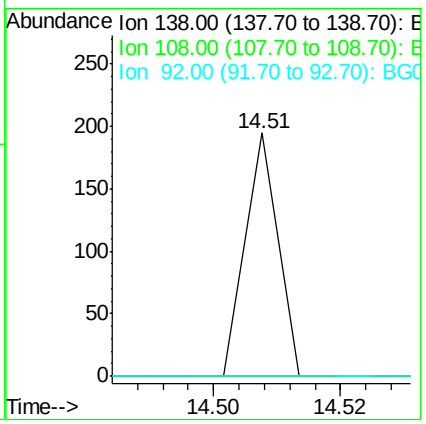


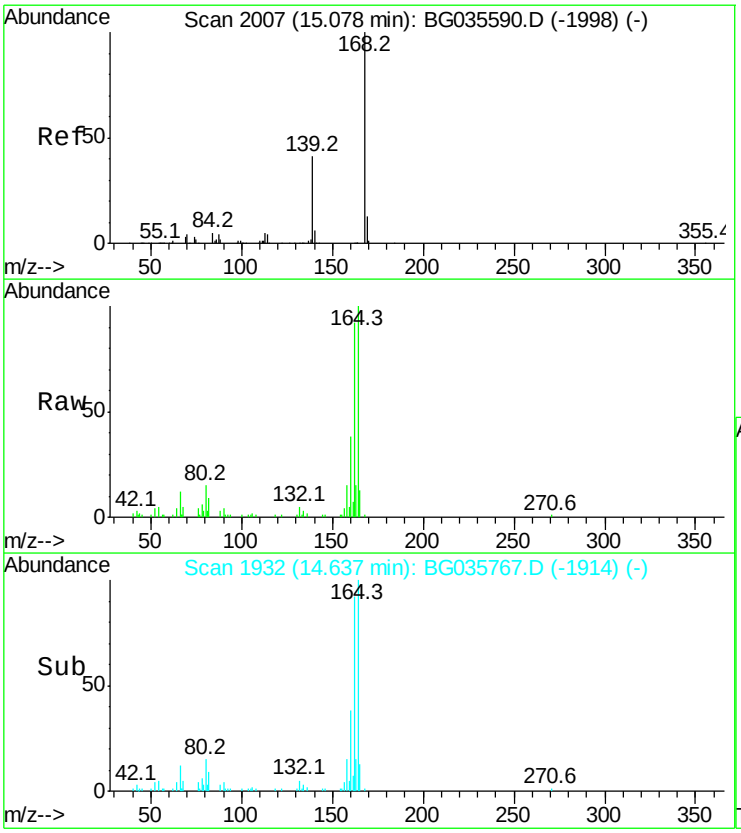
#52
3-Nitroaniline
Concen: 0.037 ng
RT: 14.51 min Scan# 1910
Delta R.T. -0.06 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Instrument :
BNA_G
ClientSampleId :
MH-3

Tgt Ion:138 Resp: 69

Ion	Ratio	Lower	Upper
138	100		
108	0.0	17.5	26.3#
92	0.0	105.8	158.8#

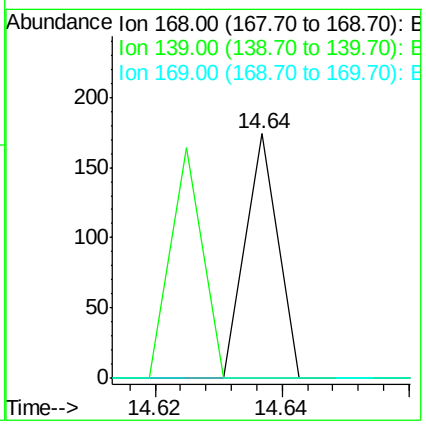


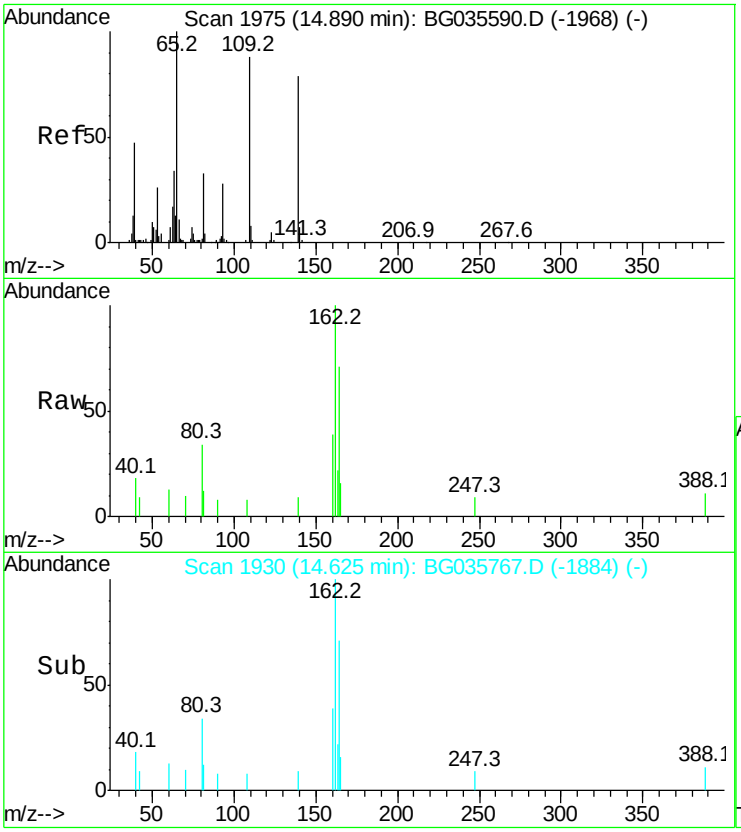


#54
Dibenzofuran
Concen: 0.006 ng
RT: 14.64 min Scan# 1932
Delta R.T. -0.42 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Tgt Ion:168 Resp: 61

Ion	Ratio	Lower	Upper
168	100		
139	0.0	28.6	43.0#
169	0.0	11.2	16.8#



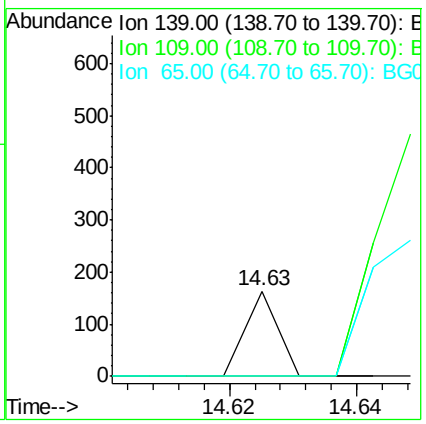


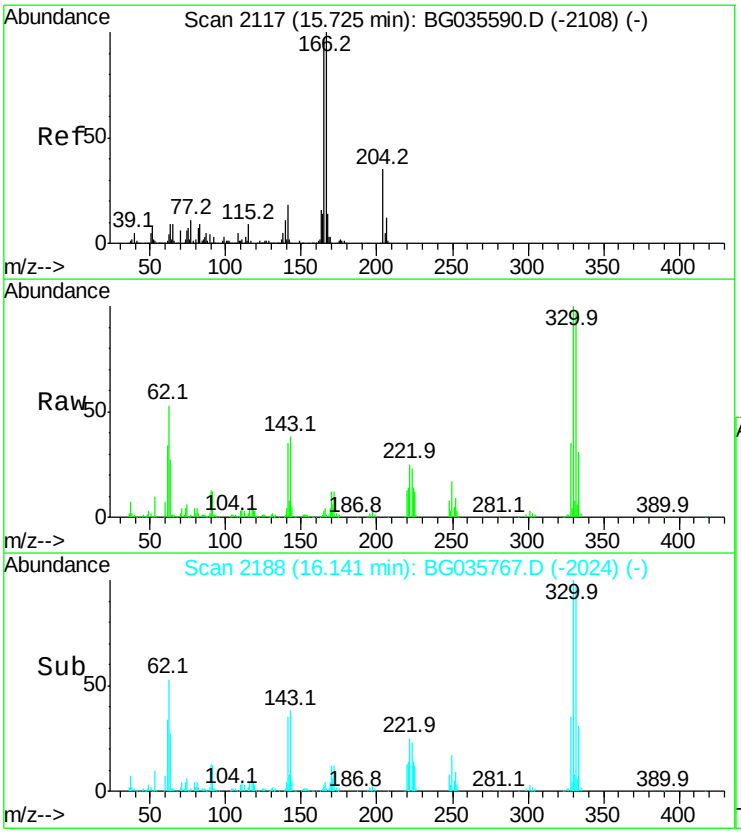
#55
4-Nitrophenol
Concen: 0.044 ng
RT: 14.63 min Scan# 1930
Delta R.T. -0.26 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Instrument :
BNA_G
ClientSampleId :
MH-3

Tgt Ion:139 Resp: 58

Ion	Ratio	Lower	Upper
139	100		
109	0.0	62.2	102.2#
65	0.0	97.2	137.2#

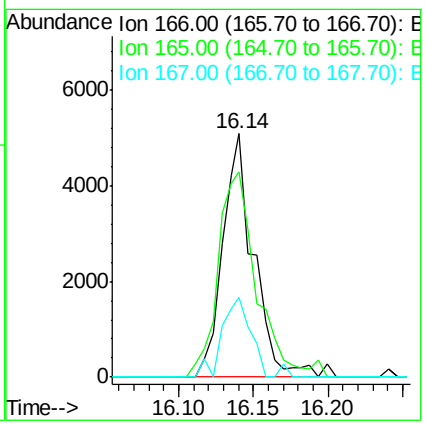


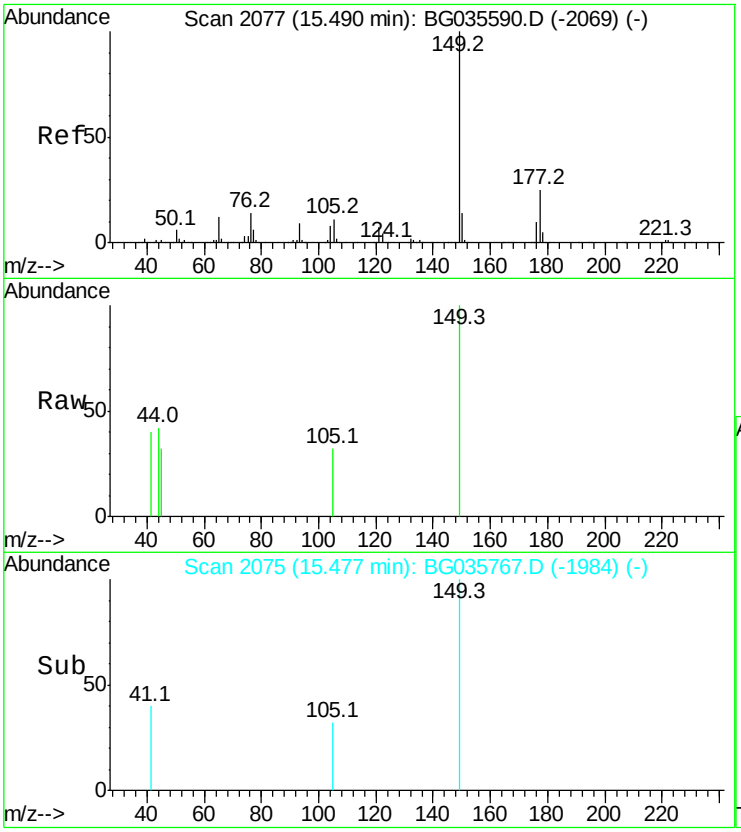


#57
Fluorene
Concen: 0.876 ng
RT: 16.14 min Scan# 2188
Delta R.T. 0.43 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Tgt Ion:166 Resp: 7439

Ion	Ratio	Lower	Upper
166	100		
165	84.5	80.6	121.0
167	32.9	10.4	15.6#



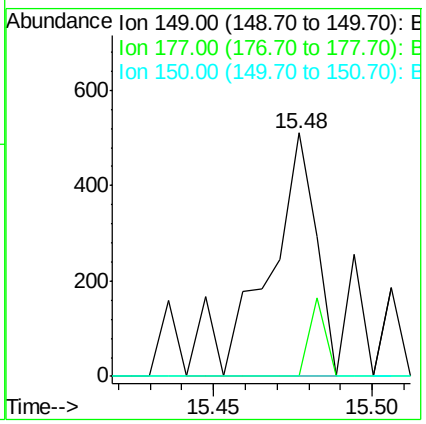


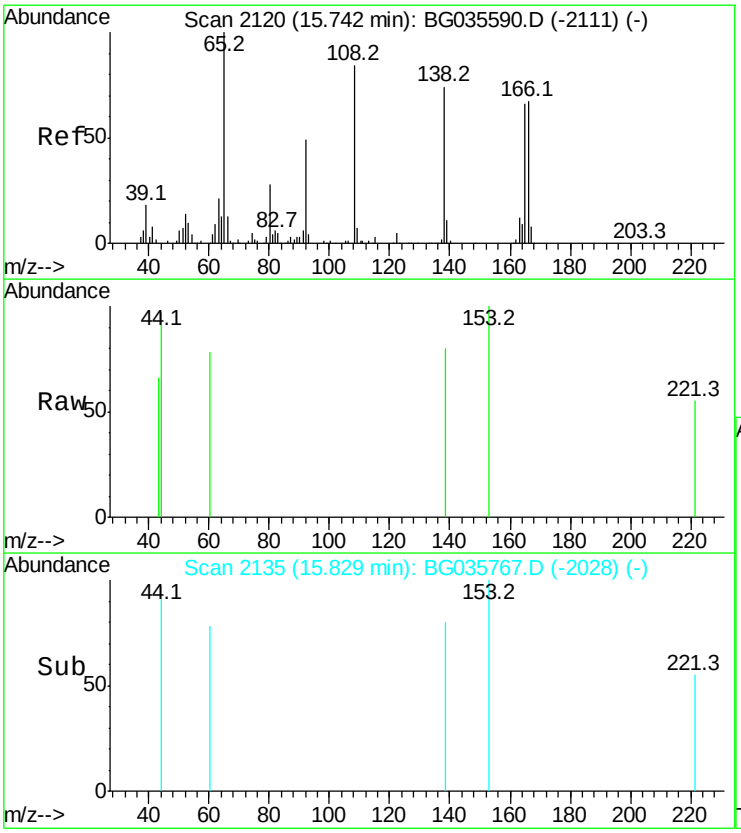
#59
Diethylphthalate
Concen: 0.061 ng
RT: 15.48 min Scan# 2075
Delta R.T. 0.01 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Instrument :
BNA_G
ClientSampleId :
MH-3

Tgt Ion:149 Resp: 558

Ion	Ratio	Lower	Upper
149	100		
177	0.0	18.5	27.7#
150	0.0	10.2	15.2#

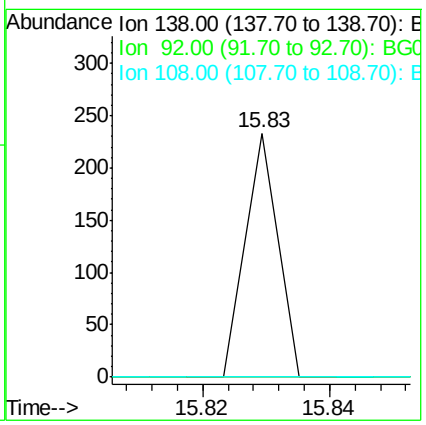


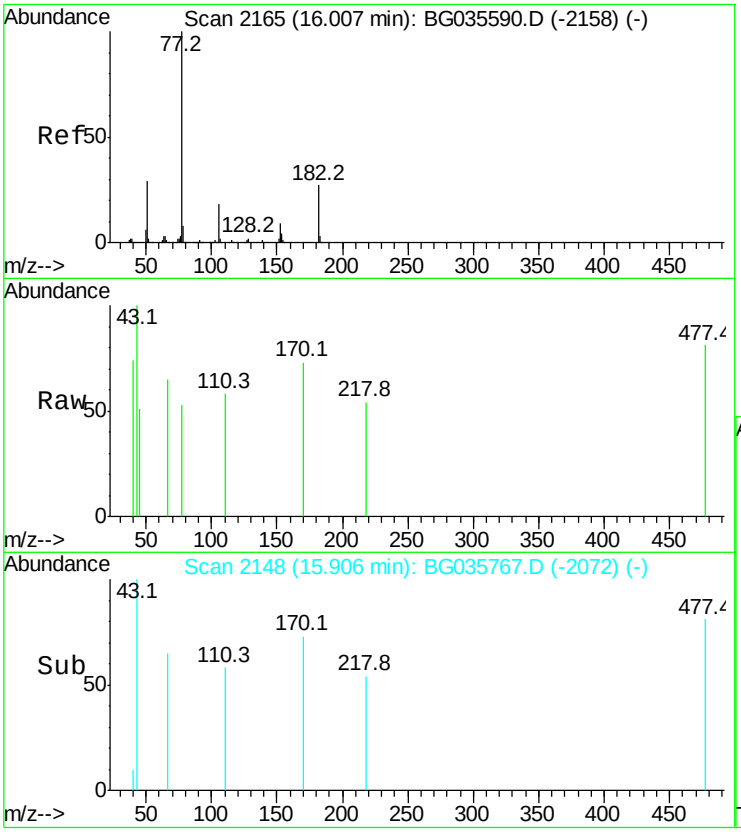


#61
4-Nitroaniline
Concen: 0.042 ng
RT: 15.83 min Scan# 2135
Delta R.T. 0.10 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Tgt Ion:138 Resp: 82

Ion	Ratio	Lower	Upper
138	100		
92	0.0	40.1	80.1#
108	0.0	65.4	105.4#



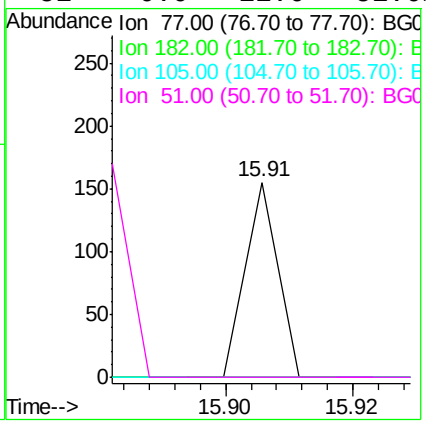


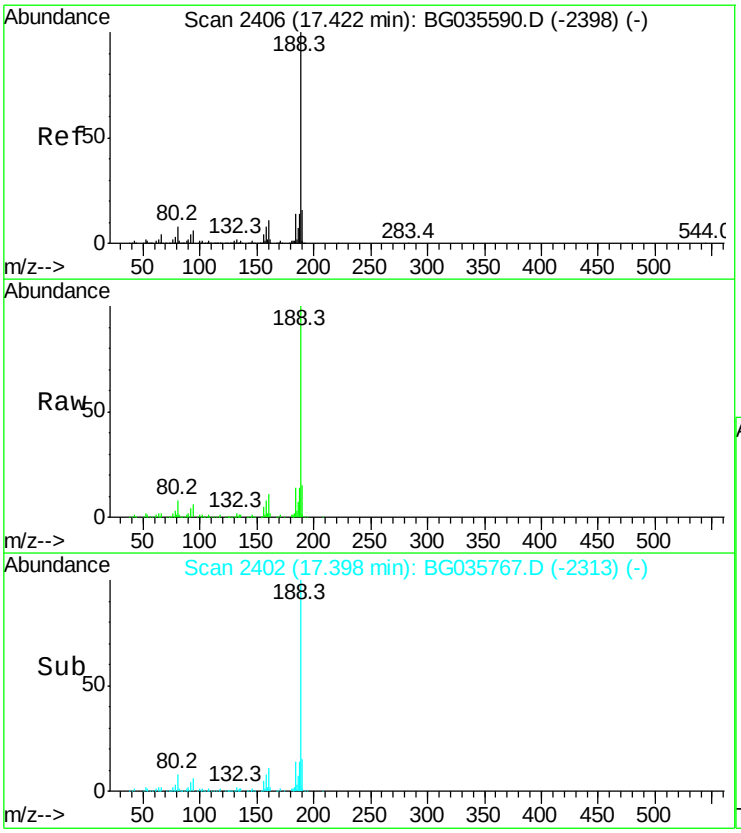
#62
Azobenzene
Concen: 0.006 ng
RT: 15.91 min Scan# 2148
Delta R.T. -0.08 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Instrument :
BNA_G
ClientSampleId :
MH-3

Tgt Ion: 77 Resp: 55

Ion	Ratio	Lower	Upper
77	100		
182	0.0	7.4	47.4#
105	0.0	0.3	40.3#
51	0.0	11.6	51.6#

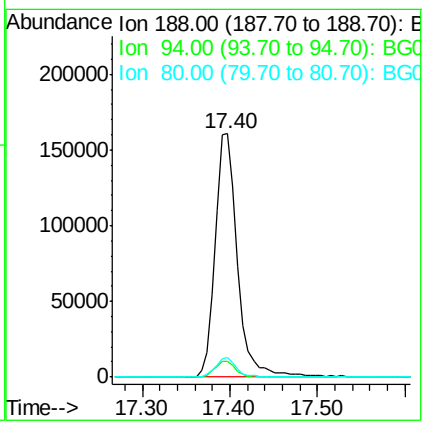


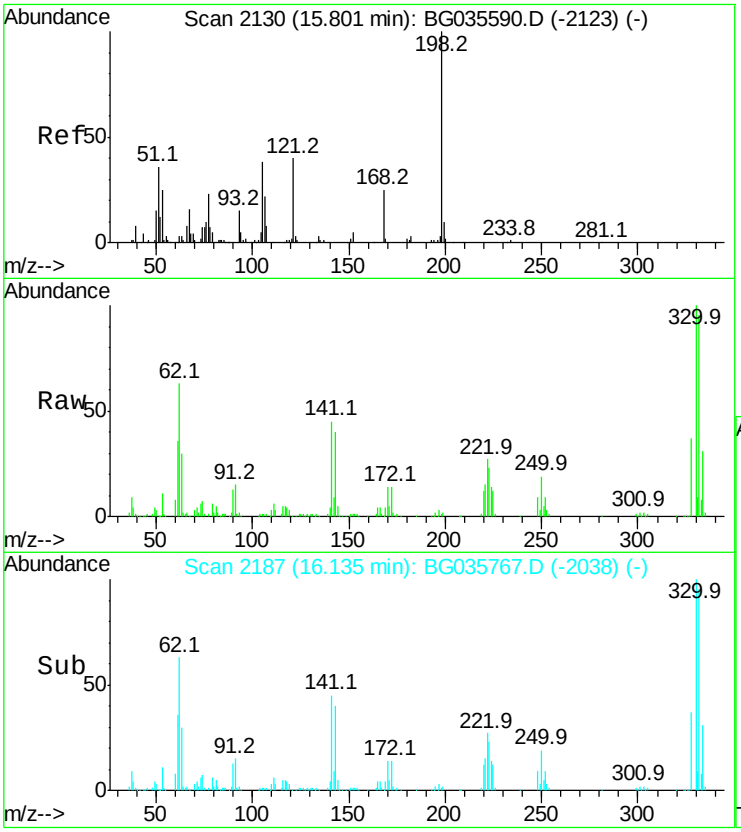


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2402
Delta R.T. -0.01 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Tgt Ion:188 Resp: 283843

Ion	Ratio	Lower	Upper
188	100		
94	6.2	6.9	10.3#
80	8.3	7.7	11.5



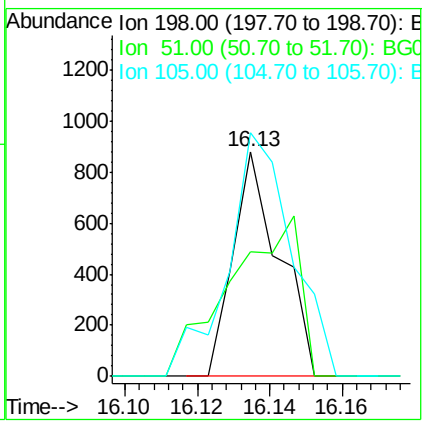


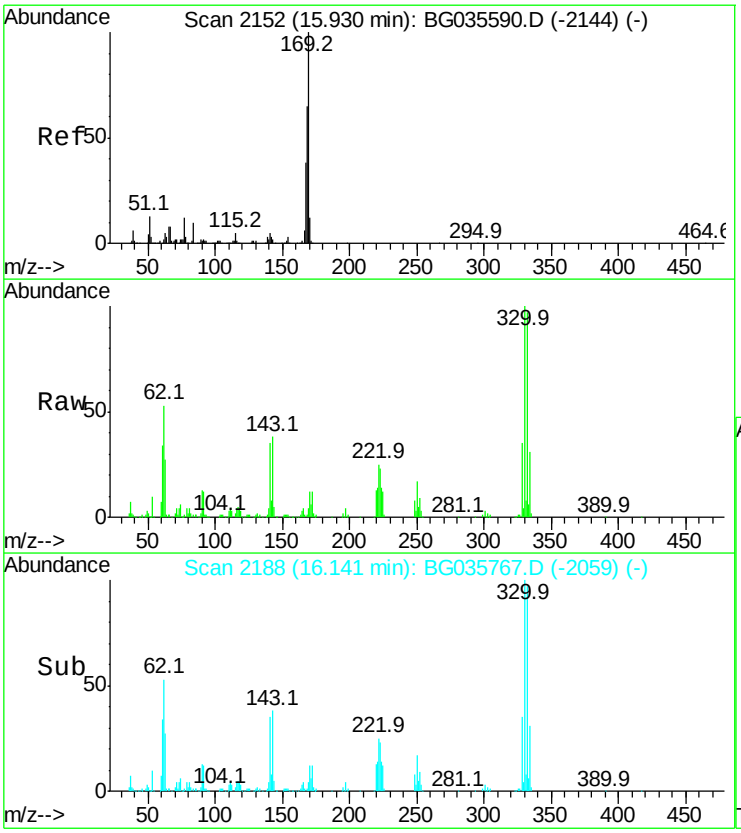
#64
4,6-Dinitro-2-methylphenol
Concen: 0.489 ng
RT: 16.13 min Scan# 2187
Delta R.T. 0.35 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Instrument : BNA_G
ClientSampleId : MH-3

Tgt Ion:198 Resp: 773

Ion	Ratio	Lower	Upper
198	100		
51	55.2	30.6	70.6
105	108.3	23.8	63.8#

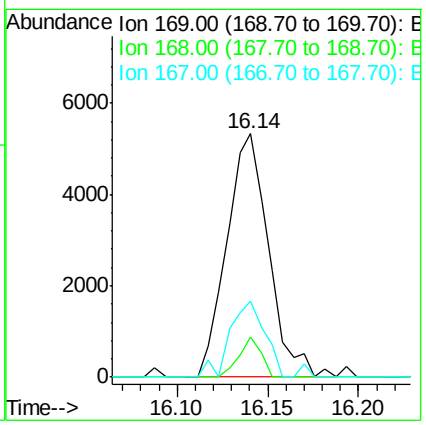


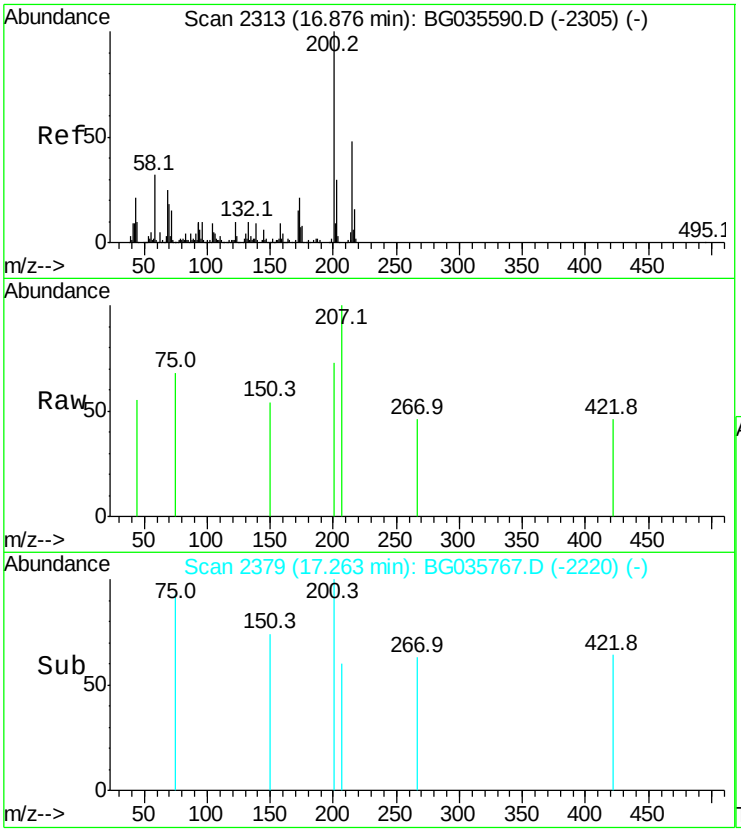


#65
n-Nitrosodiphenylamine
Concen: 1.057 ng
RT: 16.14 min Scan# 2188
Delta R.T. 0.23 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Tgt Ion:169 Resp: 8536

Ion	Ratio	Lower	Upper
169	100		
168	16.2	55.7	83.5#
167	31.4	30.1	45.1



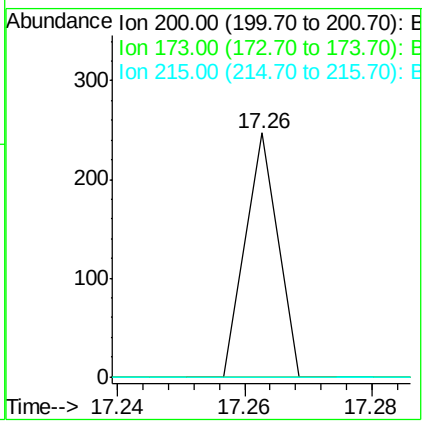


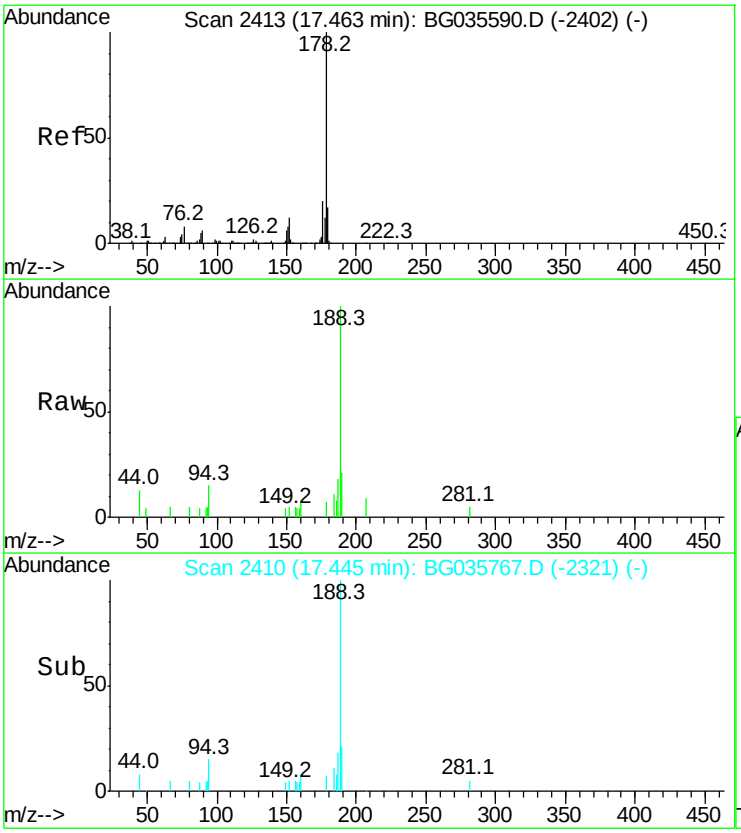
#68
Atrazine
Concen: 0.026 ng
RT: 17.26 min Scan# 2379
Delta R.T. 0.40 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Instrument :
BNA_G
ClientSampleId :
MH-3

Tgt Ion:200 Resp: 87

Ion	Ratio	Lower	Upper
200	100		
173	0.0	5.2	45.2#
215	0.0	30.4	70.4#

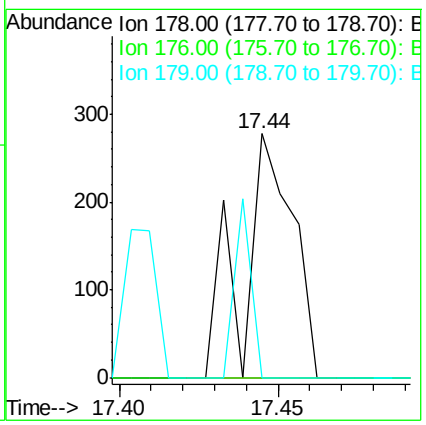


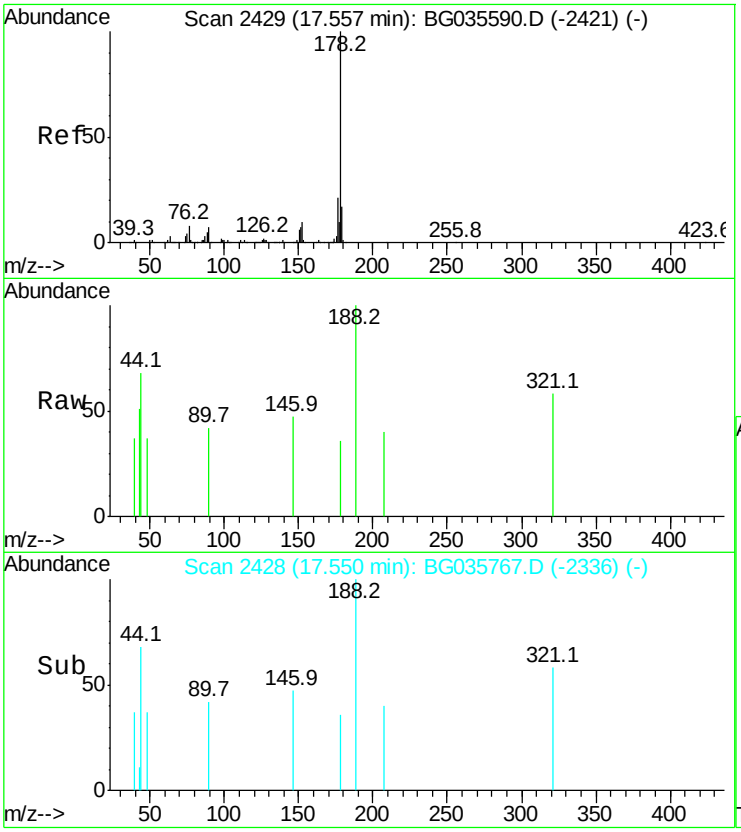


#70
Phenanthrene
Concen: 0.022 ng
RT: 17.44 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Tgt Ion:178 Resp: 305

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.7	23.5#
179	0.0	12.5	18.7#



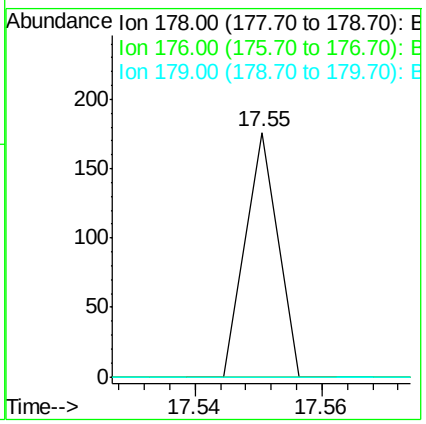


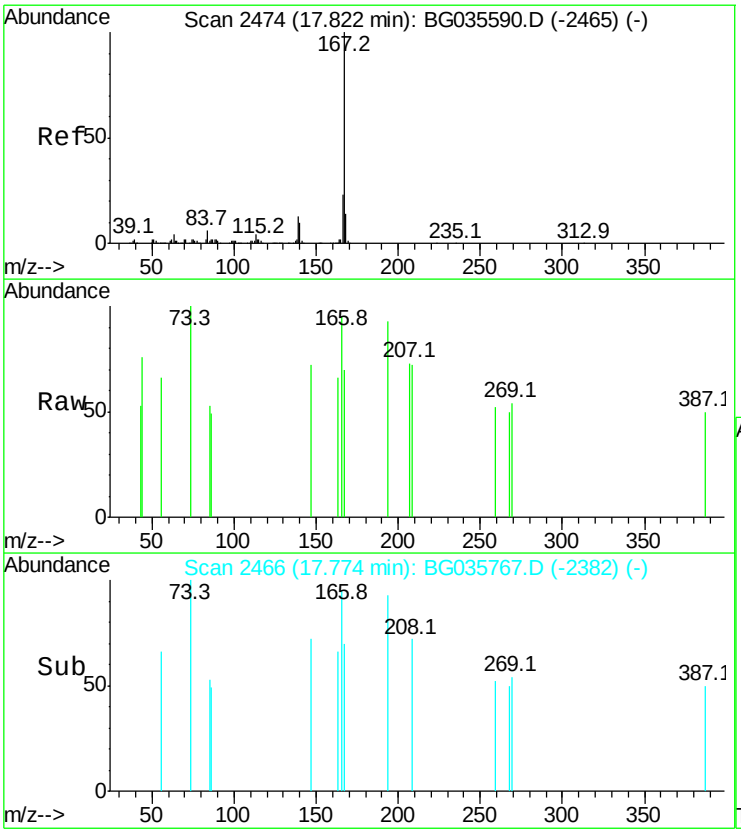
#71
Anthracene
Concen: 0.004 ng
RT: 17.55 min Scan# 2428
Delta R.T. 0.01 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Instrument :
BNA_G
ClientSampleId :
MH-3

Tgt Ion:178 Resp: 62

Ion	Ratio	Lower	Upper
178	100		
176	0.0	16.0	24.0#
179	0.0	12.5	18.7#

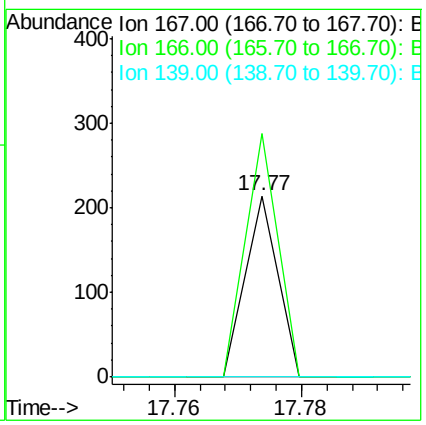


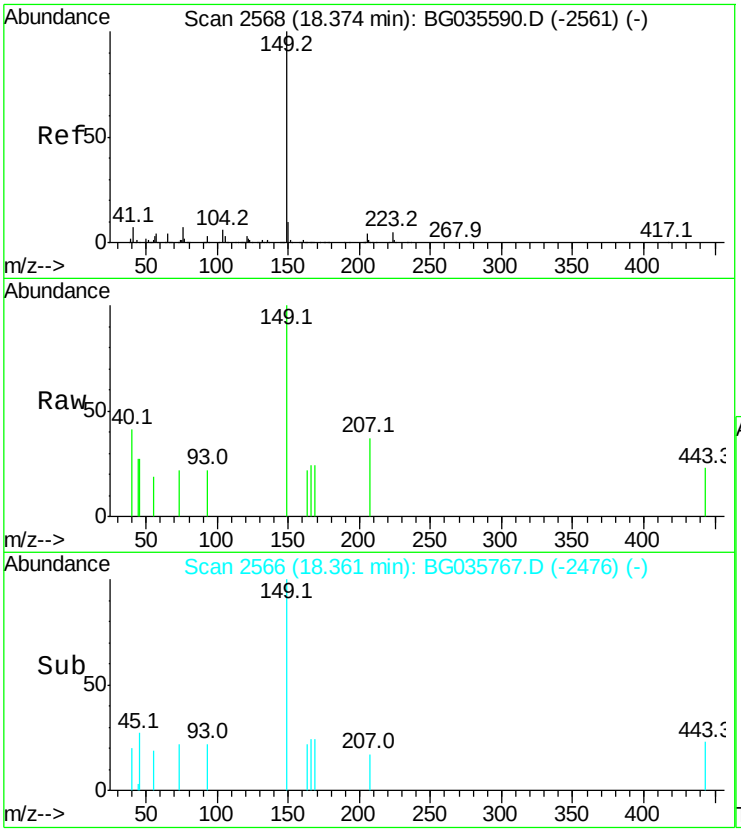


#72
Carbazole
Concen: 0.006 ng
RT: 17.77 min Scan# 2466
Delta R.T. -0.04 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Tgt Ion:167 Resp: 75

Ion	Ratio	Lower	Upper
167	100		
166	134.6	18.2	27.4#
139	0.0	9.4	14.2#



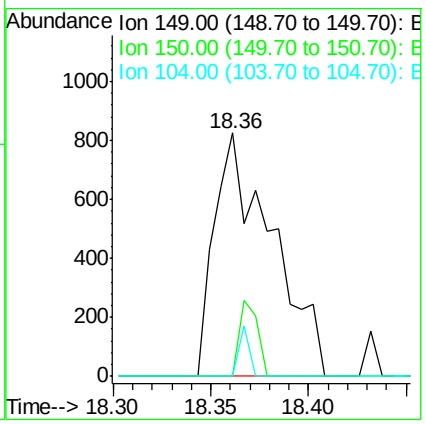


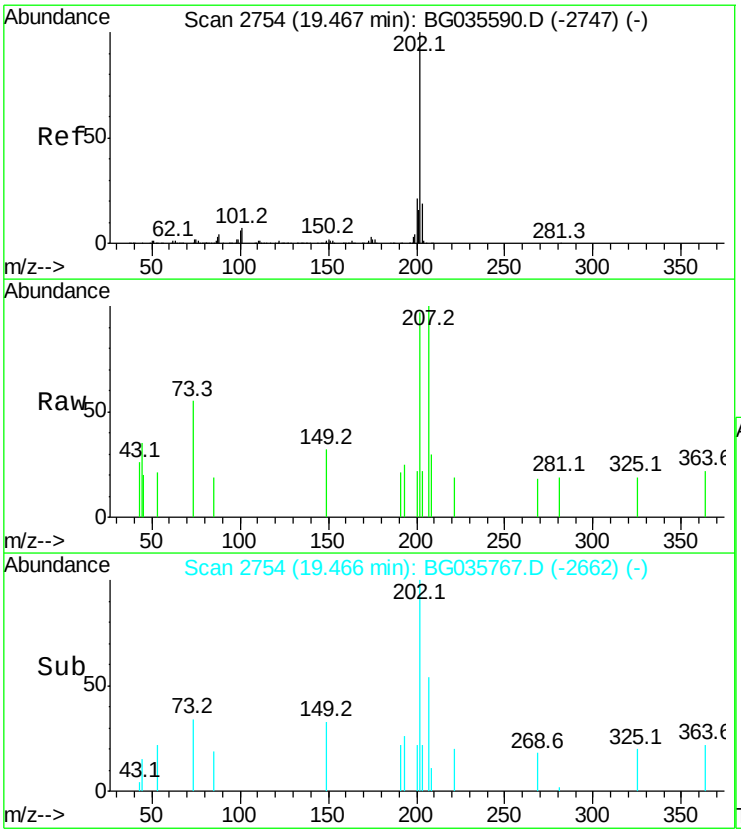
#73
Di-n-butylphthalate
Concen: 0.106 ng
RT: 18.36 min Scan# 2566
Delta R.T. -0.00 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Instrument :
BNA_G
ClientSampleId :
MH-3

Tgt Ion:149 Resp: 1674

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.8	11.6#
104	0.0	3.9	5.9#

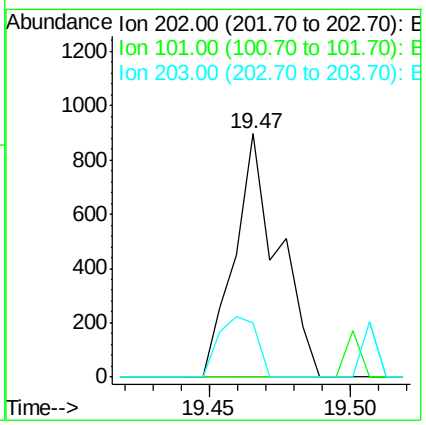


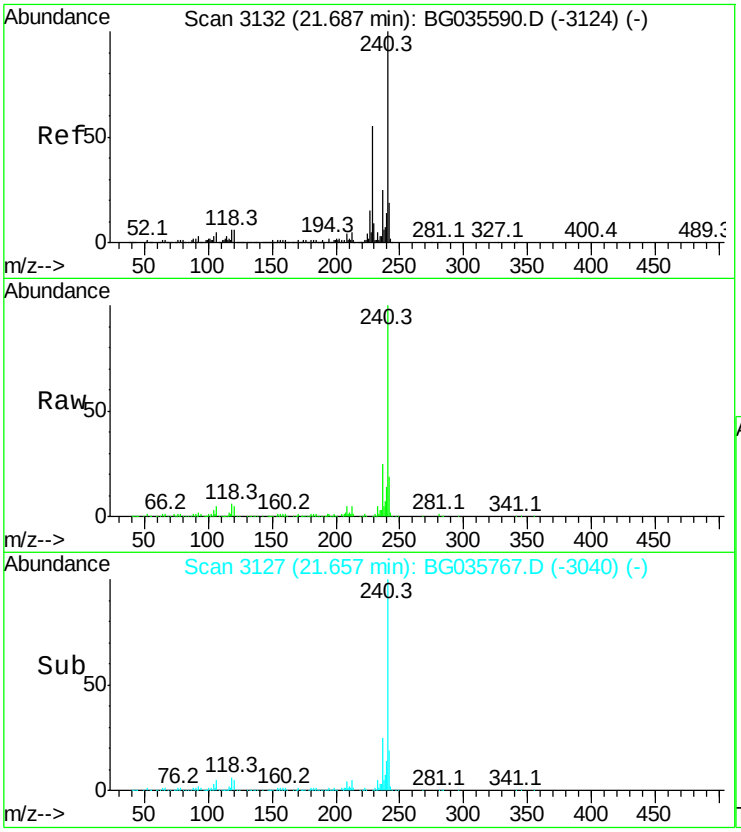


#74
Fluoranthene
Concen: 0.050 ng
RT: 19.47 min Scan# 2754
Delta R.T. 0.01 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Tgt Ion:202 Resp: 961

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	28.9
203	22.4	0.0	37.5



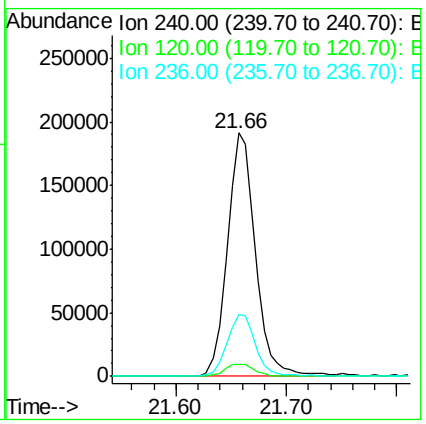


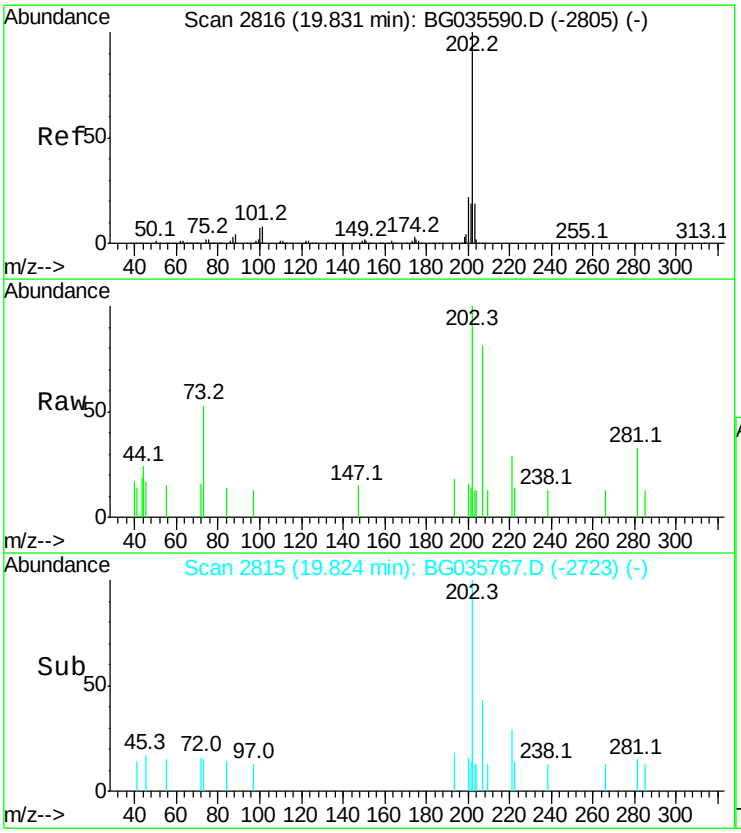
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.02 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Instrument :
BNA_G
ClientSampleId :
MH-3

Tgt Ion:240 Resp: 340018

Ion	Ratio	Lower	Upper
240	100		
120	4.9	6.8	10.2#
236	25.3	20.9	31.3

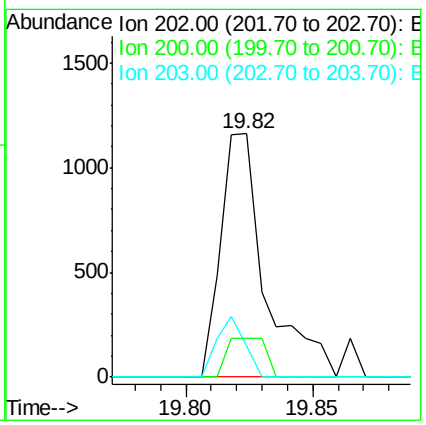


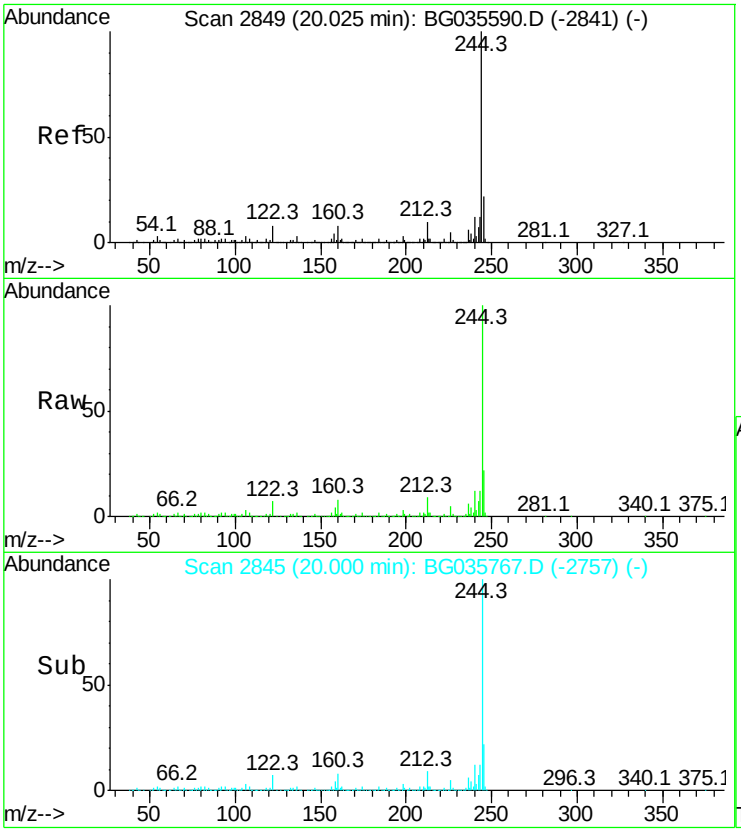


#77
Pyrene
Concen: 0.066 ng
RT: 19.82 min Scan# 2815
Delta R.T. 0.01 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Tgt Ion:202 Resp: 1424

Ion	Ratio	Lower	Upper
202	100		
200	16.0	16.9	25.3#
203	13.0	13.9	20.9#



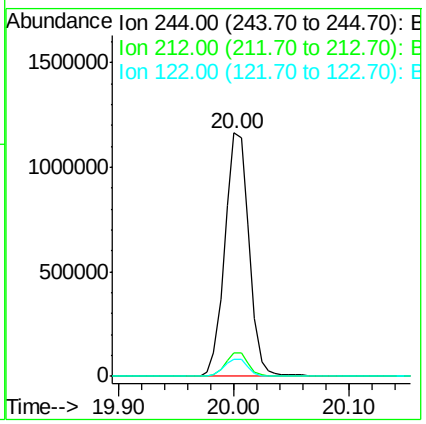


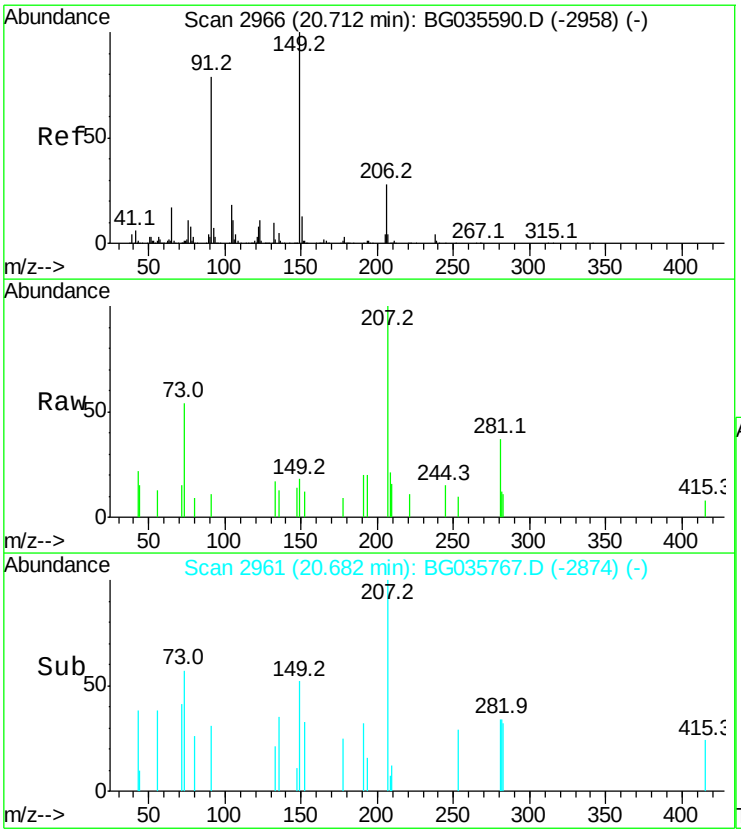
#78
Terphenyl-d14
Concen: 109.060 ng
RT: 20.00 min Scan# 2845
Delta R.T. -0.01 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Instrument :
BNA_G
ClientSampleId :
MH-3

Tgt Ion:244 Resp: 1682275

Ion	Ratio	Lower	Upper
244	100		
212	9.4	5.8	8.8#
122	7.2	7.0	10.4

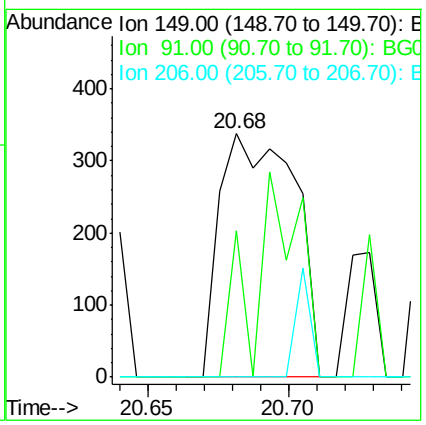


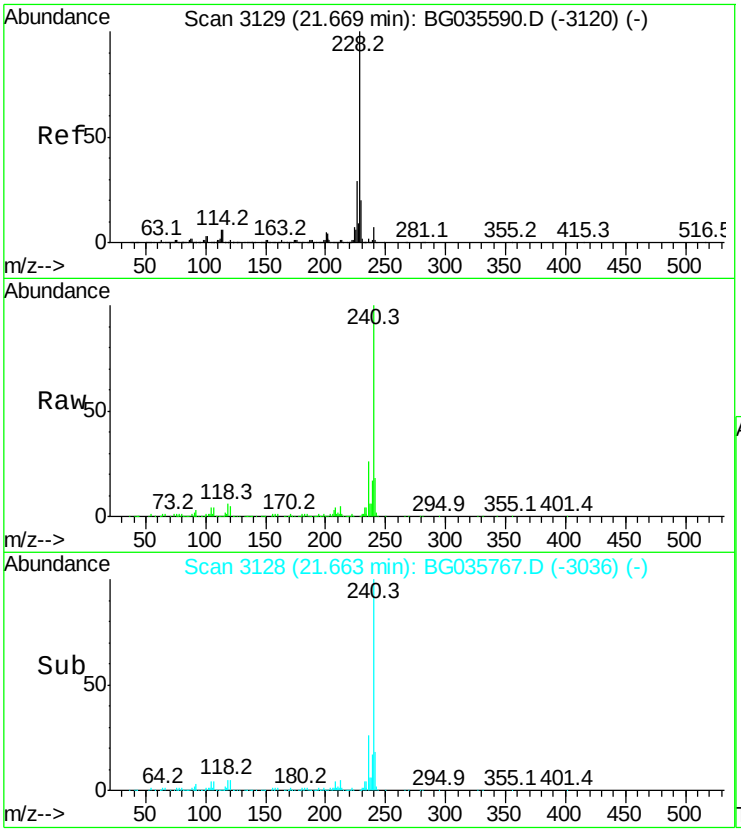


#79
Butylbenzylphthalate
Concen: 0.081 ng
RT: 20.68 min Scan# 2961
Delta R.T. -0.02 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Tgt Ion:149 Resp: 619

Ion	Ratio	Lower	Upper
149	100		
91	60.1	62.2	93.2#
206	0.0	18.6	27.8#



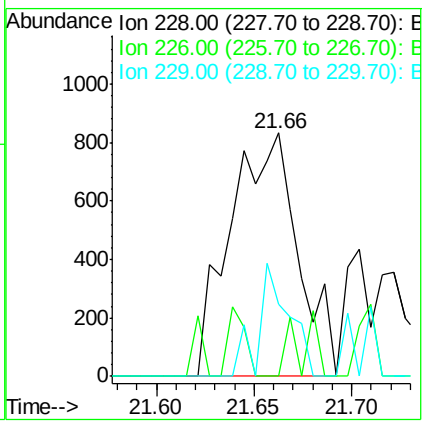


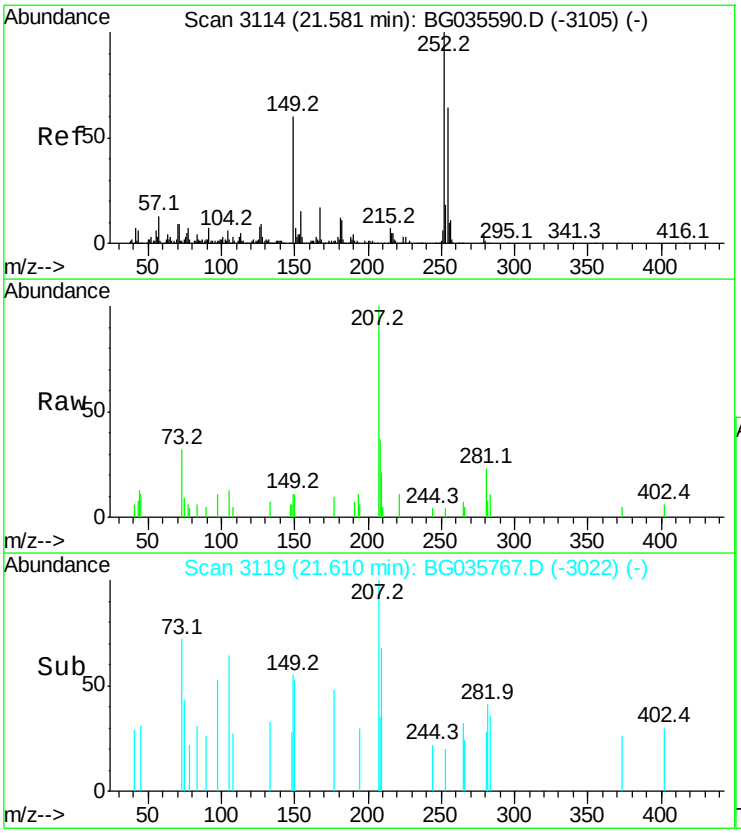
#80
Benzo(a)anthracene
Concen: 0.094 ng
RT: 21.66 min Scan# 3128
Delta R.T. 0.01 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Instrument :
BNA_G
ClientSampleId :
MH-3

Tgt Ion:228 Resp: 1998

Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.7	34.1#
229	29.8	16.2	24.2#

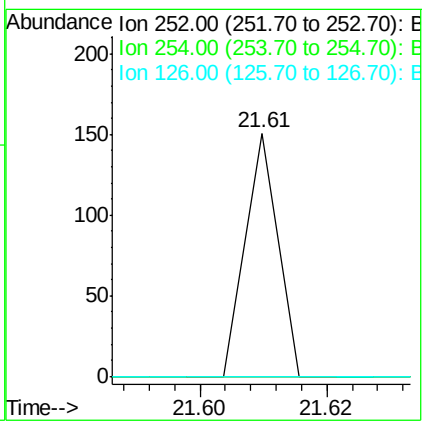


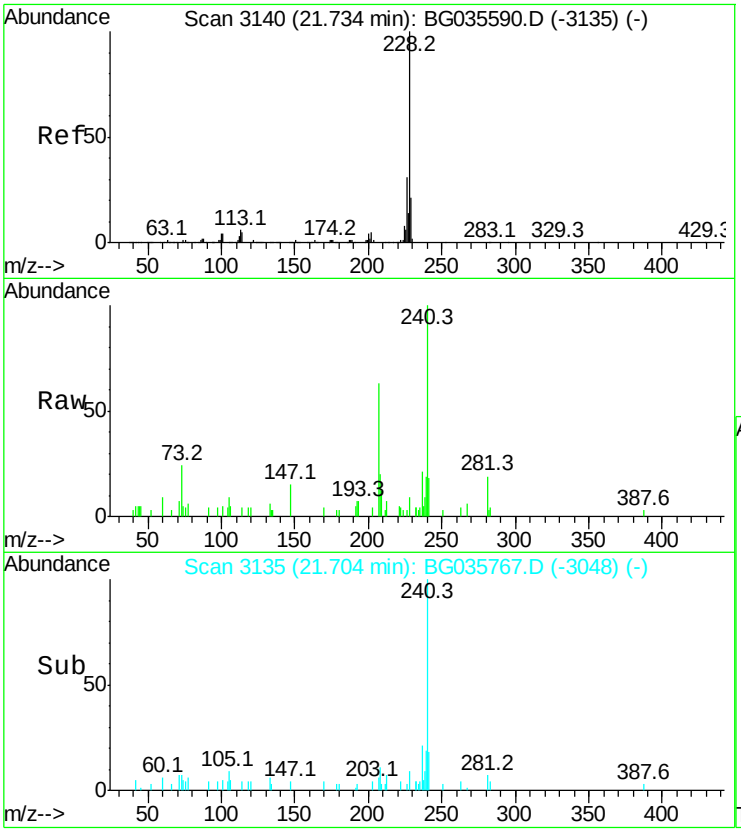


#81
3,3'-Dichlorobenzidine
Concen: 0.007 ng
RT: 21.61 min Scan# 3119
Delta R.T. 0.04 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Tgt Ion:252 Resp: 53

Ion	Ratio	Lower	Upper
252	100		
254	0.0	50.8	76.2#
126	0.0	7.4	11.2#



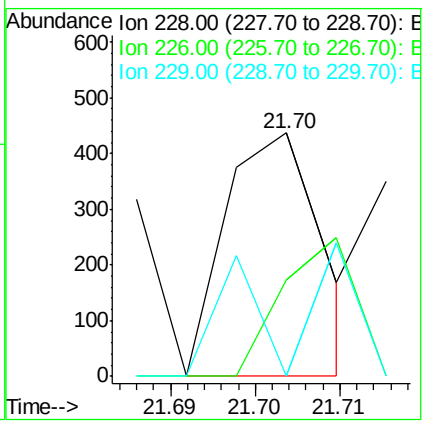


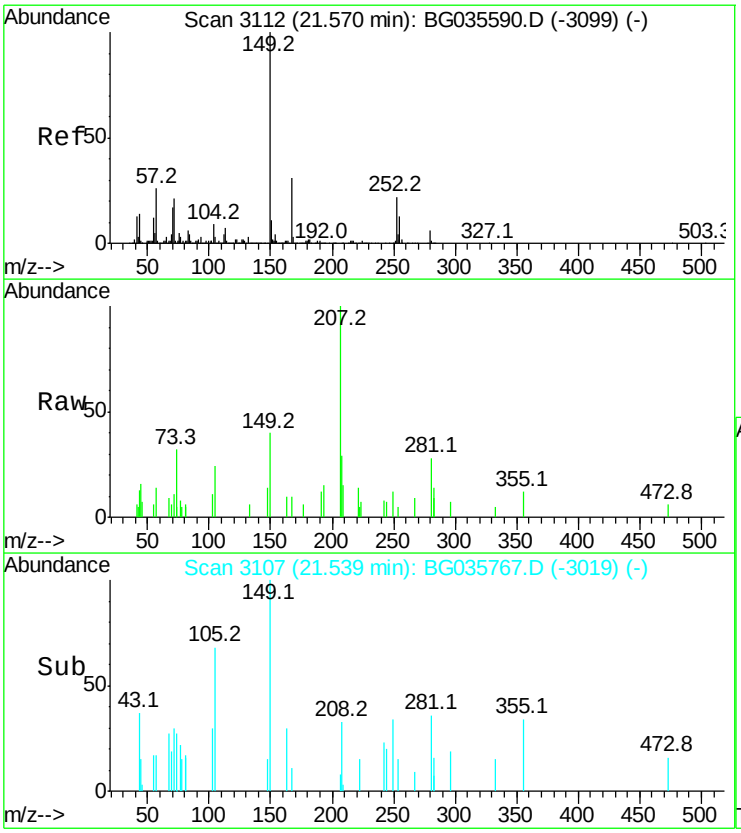
#82
Chrysene
Concen: 0.018 ng
RT: 21.70 min Scan# 3135
Delta R.T. -0.02 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Instrument :
BNA_G
ClientSampleId :
MH-3

Tgt Ion:228 Resp: 346

Ion	Ratio	Lower	Upper
228	100		
226	39.8	24.9	37.3#
229	0.0	15.0	22.4#

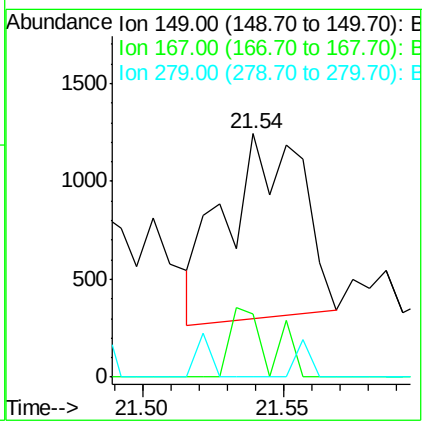


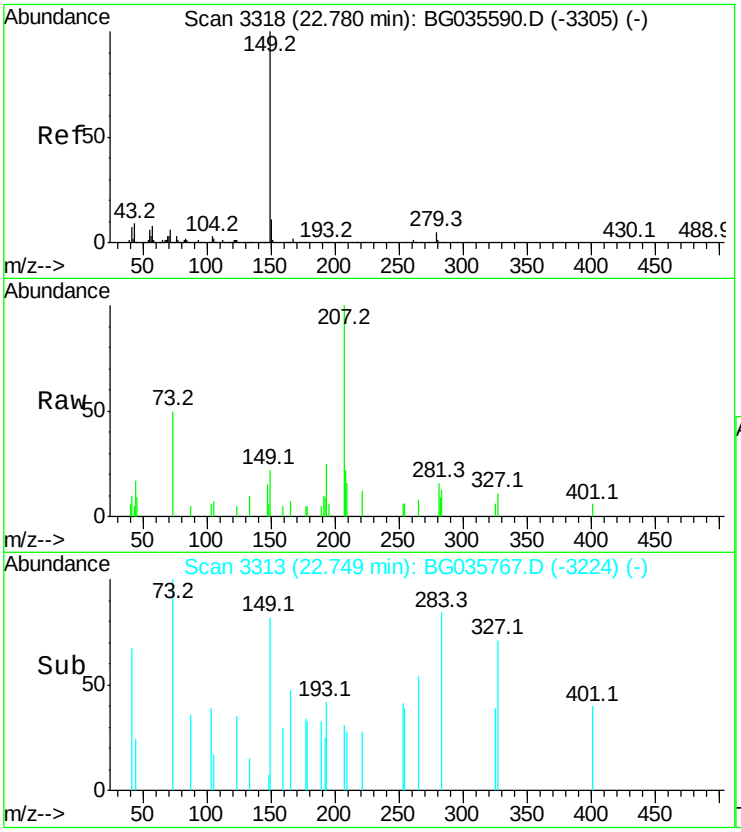


#83
Bis(2-ethylhexyl)phthalate
Concen: 0.170 ng
RT: 21.54 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Tgt Ion:149 Resp: 1777

Ion	Ratio	Lower	Upper
149	100		
167	26.1	24.3	36.5
279	0.0	4.0	6.0#



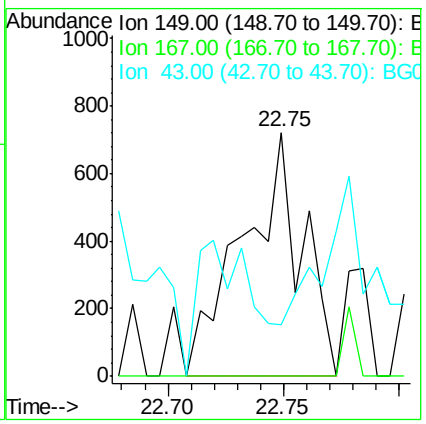


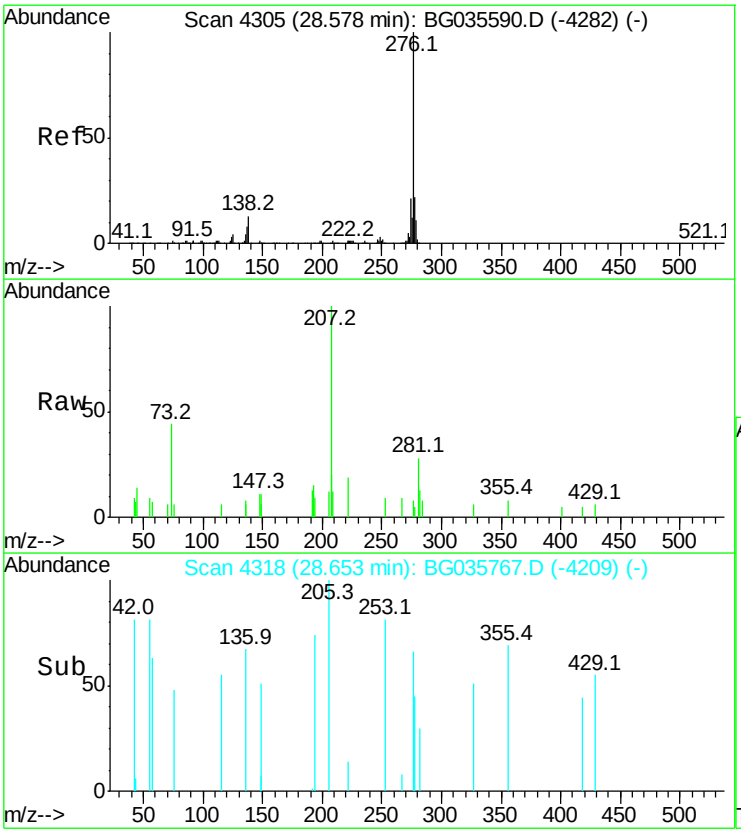
#84
Di-n-octyl phthalate
Concen: 0.074 ng
RT: 22.75 min Scan# 3313
Delta R.T. -0.01 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Instrument :
BNA_G
ClientSampleId :
MH-3

Tgt Ion:149 Resp: 1300

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.4	2.0#
43	0.0	8.9	13.3#

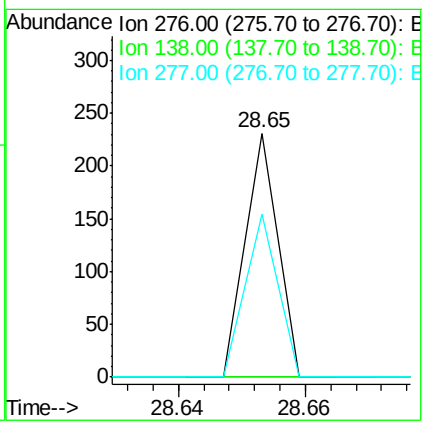


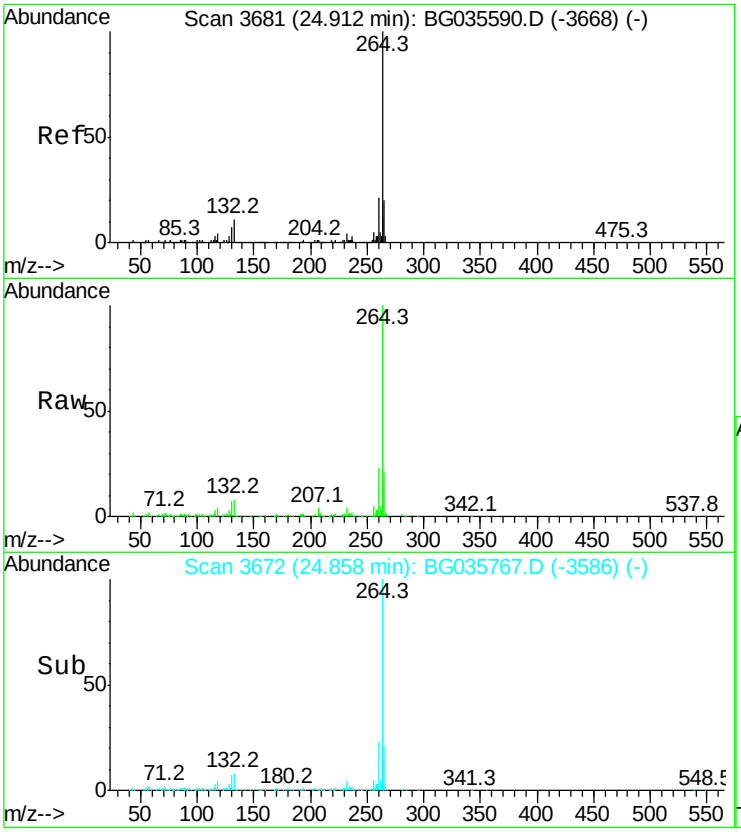


#85
Indeno(1,2,3-cd)pyrene
Concen: 0.004 ng
RT: 28.65 min Scan# 4318
Delta R.T. 0.11 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Tgt Ion:276 Resp: 81

Ion	Ratio	Lower	Upper
276	100		
138	0.0	16.0	24.0#
277	67.9	20.0	30.0#



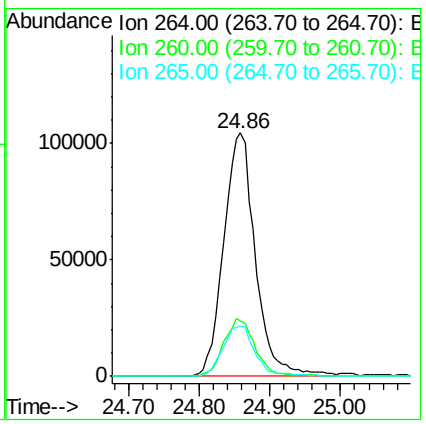


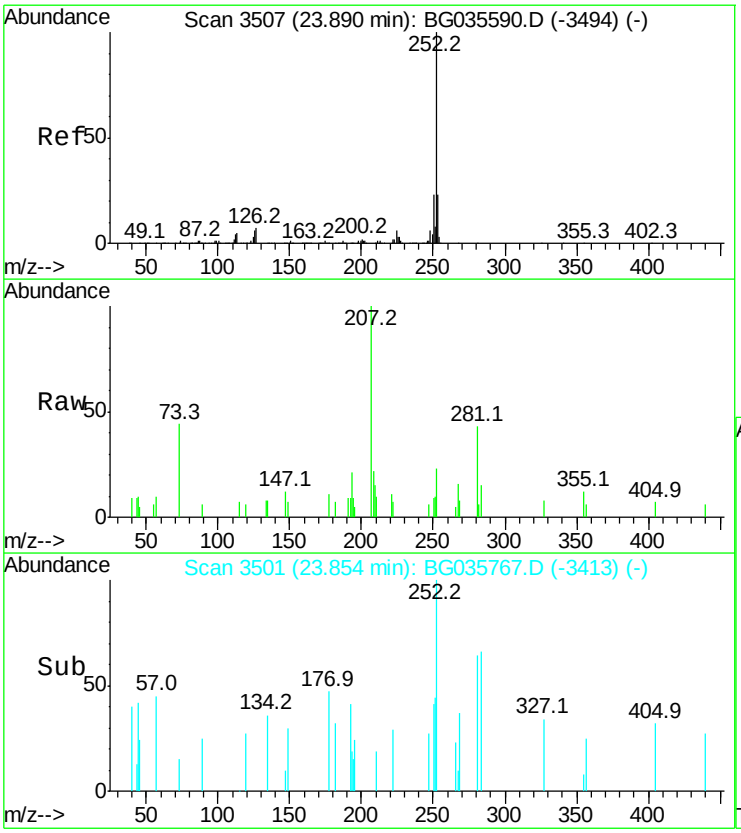
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3672
Delta R.T. -0.02 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Instrument :
BNA_G
ClientSampleId :
MH-3

Tgt Ion:264 Resp: 324555

Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.0
265	20.6	17.7	26.5

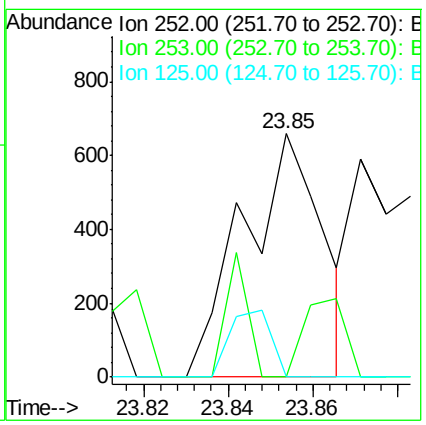


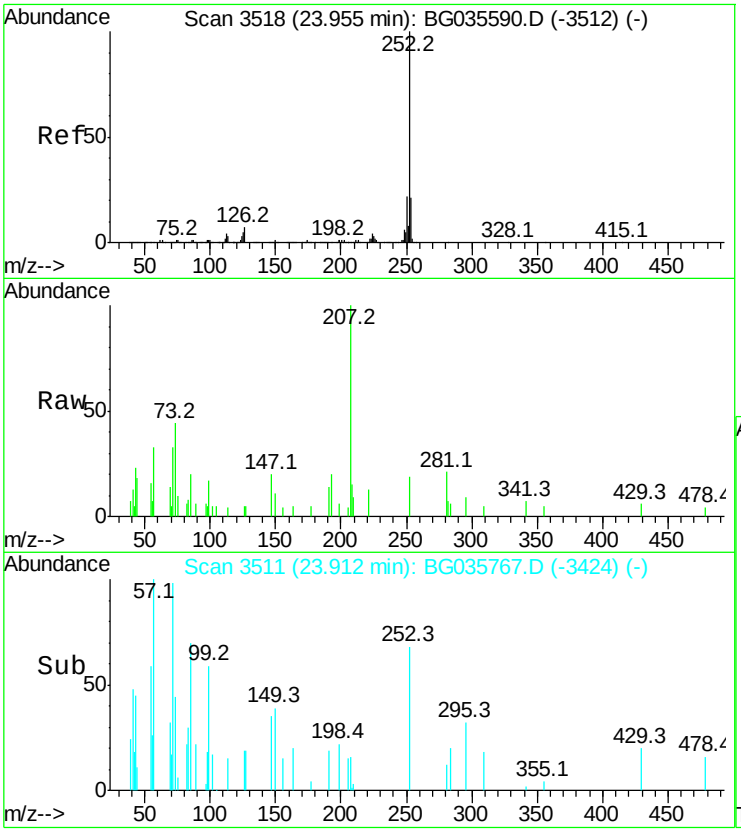


#87
Benzo(b)fluoranthene
Concen: 0.043 ng
RT: 23.85 min Scan# 3501
Delta R.T. -0.01 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Tgt Ion:252 Resp: 855

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.2	27.4#
125	0.0	7.2	10.8#



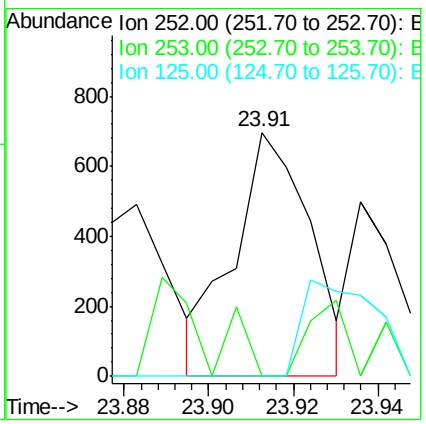


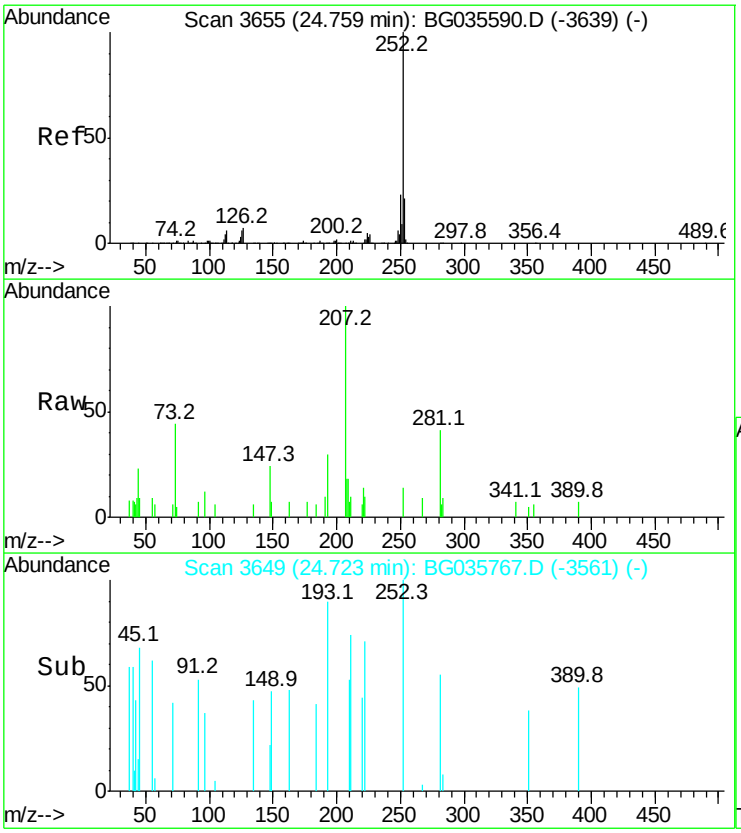
#88
Benzo(k)fluoranthene
Concen: 0.045 ng
RT: 23.91 min Scan# 3511
Delta R.T. -0.02 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Instrument :
BNA_G
ClientSampleId :
MH-3

Tgt Ion:252 Resp: 873

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.4	26.2#
125	0.0	6.6	9.8#

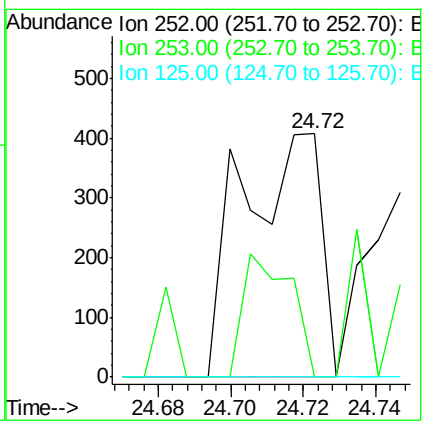


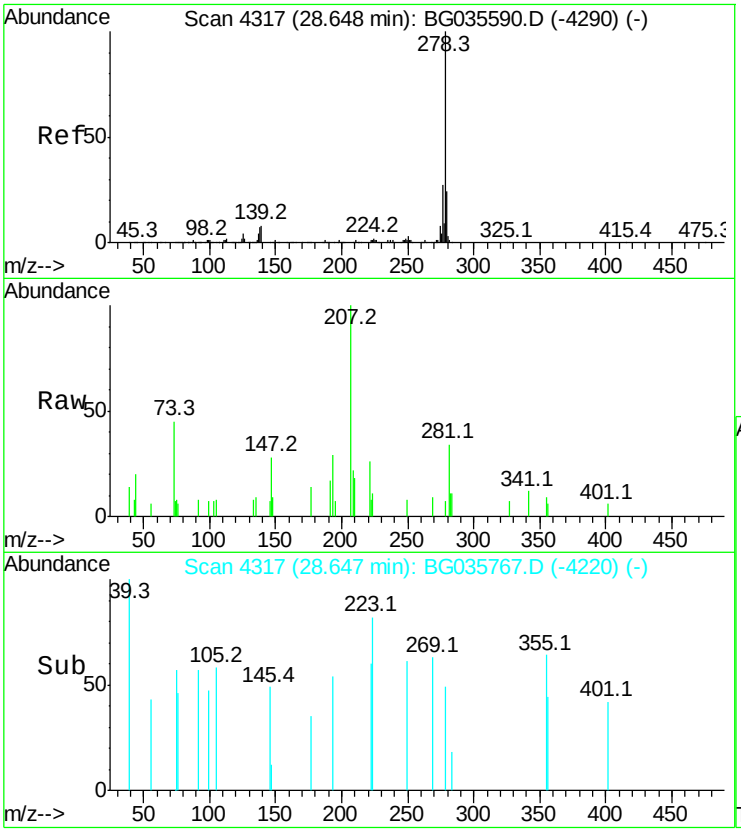


#89
Benzo(a)pyrene
Concen: 0.033 ng
RT: 24.72 min Scan# 3649
Delta R.T. -0.01 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Tgt Ion:252 Resp: 610

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.3	27.5#
125	0.0	7.3	10.9#



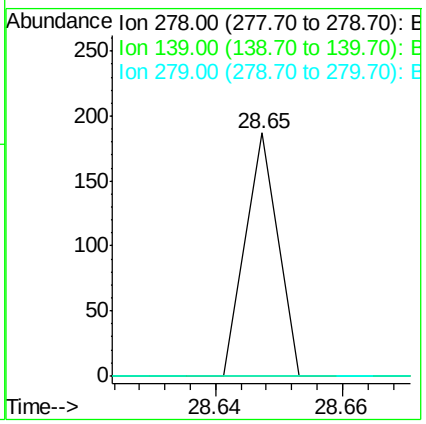


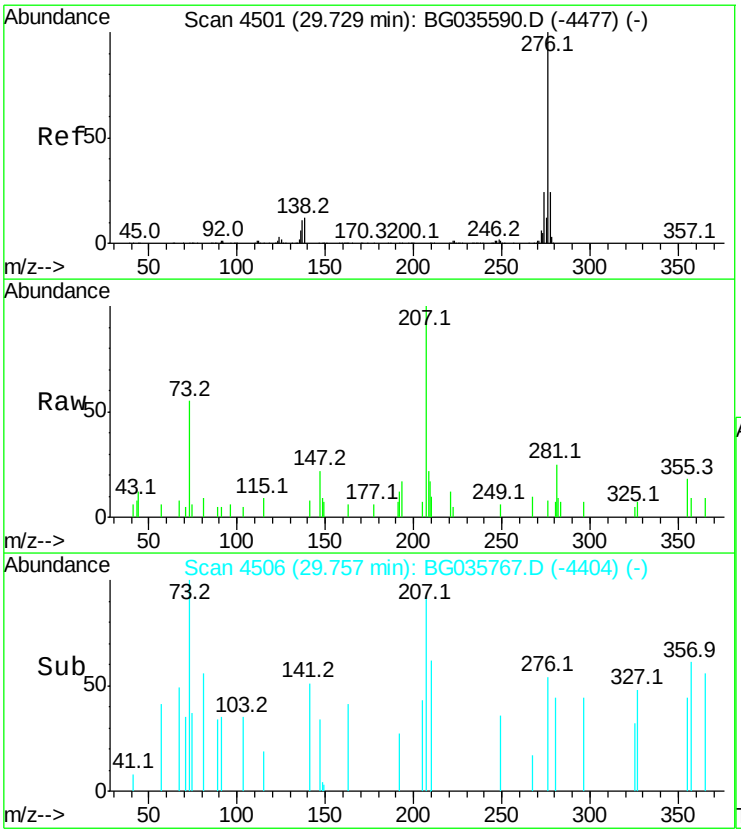
#90
Dibenzo(a,h)anthracene
Concen: 0.004 ng
RT: 28.65 min Scan# 4317
Delta R.T. 0.04 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Instrument :
BNA_G
ClientSampleId :
MH-3

Tgt Ion:278 Resp: 66

Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.8	14.6#
279	0.0	18.4	27.6#





#91
Benzo(g,h,i)perylene
Concen: 0.005 ng
RT: 29.76 min Scan# 4506
Delta R.T. 0.07 min
Lab File: BG035767.D
Acq: 20 Jul 2018 2:37

Tgt Ion:276 Resp: 89

Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.3	27.5#
138	0.0	13.9	20.9#