Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071918\
Data File : BG035771.D
Acq On : 20 Jul 2018 5:13
Operator : JU/SJ
Sample : J4054-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 161-TP-1

Quant Time: Jul 20 06:45:25 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	46708	20.00	ng	-0.01
21) Naphthalene-d8	10.83	136	158844	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	103729	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	287689	20.00	ng	0.00
75) Chrysene-d12	21.66	240	345068	20.00	ng	-0.01
86) Perylene-d12	24.86	264	320136	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	362115	128.71	ng	0.00
7) Phenol-d6	7.20	99	437039	104.12	ng	0.00
23) Nitrobenzene-d5	9.19	82	362755	95.40	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	222132	162.47	ng	-0.01
44) 2-Fluorobiphenyl	13.28	172	805790	104.07	ng	0.00
78) Terphenyl-d14	20.00	244	1687644	107.81	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	215	0.150	ng	# 1
3) Pyridine	3.50	79	116	0.031	ng	# 8
4) n-Nitrosodimethylamine	3.83	42	349	0.217	ng	# 1
6) Aniline	7.56	93	614	0.113	ng	# 1
8) 2-Chlorophenol	7.60	128	66	0.023	ng	# 1
9) Benzaldehyde	7.16	77	57	0.022	ng	# 5
10) Phenol	7.20	94	178	0.042	ng	# 1
11) bis(2-Chloroethyl)ether	7.56	93	614	0.185	ng	# 1
12) 1,3-Dichlorobenzene	8.02	146	55	0.016	ng	# 1
13) 1,4-Dichlorobenzene	8.02	146	55	0.016	ng	# 1
14) 1,2-Dichlorobenzene	8.34	146	252	0.075	ng	# 1
15) Benzyl Alcohol	8.35	79	7189	1.886	ng	# 48
16) 2,2'-oxybis(1-Chloropropan	8.57	45	254	0.091	ng	75
17) 2-Methylphenol	8.40	107	71	0.025	ng	# 13
18) Hexachloroethane	8.90	117	116	0.086	ng	# 1
20) 3+4-Methylphenols	8.76	107	88	0.022	ng	# 24
22) Acetophenone	8.85	105	348	0.070	ng	# 71
24) Nitrobenzene	9.18	77	1542	0.403	ng	# 43
25) Isophorone	9.76	82	477	0.068	ng	# 69
27) 2,4-Dimethylphenol	9.68	122	55	0.024	ng	# 1
28) bis(2-Chloroethoxy)methane	10.35	93	58	0.015	ng	# 51
29) 2,4-Dichlorophenol	10.48	162	69	0.026	ng	# 23
31) Naphthalene	10.89	128	2582	0.312	ng	# 81
32) Benzoic acid	10.39	122	54	0.035	ng	# 1
33) 4-Chloroaniline	10.88	127	167	0.046	ng	# 20
34) Hexachlorobutadiene	10.96	225	55	0.022	ng	# 20
35) Caprolactam	11.87	113	57	0.051	ng	# 1
36) 4-Chloro-3-methylphenol	12.11	107	64	0.018	ng	# 22
37) 2-Methylnaphthalene	12.51	142	801	0.130	ng	# 60
39) 1,2,4,5-Tetrachlorobenzene	12.70	216	80	0.020	ng	# 25
40) Hexachlorocyclopentadiene	13.00	237	69	0.034	ng	# 22
42) 2,4,6-Trichlorophenol	12.85	196	59	0.026	ng	# 11
43) 2,4,5-Trichlorophenol	12.85	196	59	0.023	ng	# 19
45) 1,1'-Biphenyl	13.49	154	1153	0.143	ng	80

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071918\
Data File : BG035771.D
Acq On : 20 Jul 2018 5:13
Operator : JU/SJ
Sample : J4054-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 161-TP-1

Quant Time: Jul 20 06:45:25 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)
46) 2-Chloronaphthalene	13.77	162	69	0.011	ng	#	39
47) 2-Nitroaniline	13.54	65	53	0.024	ng	#	9
48) Acenaphthylene	14.37	152	165	0.016	ng	#	59
51) Acenaphthene	14.72	154	902	0.138	ng	#	72
52) 3-Nitroaniline	14.28	138	87	0.046	ng	#	1
54) Dibenzofuran	15.08	168	609	0.059	ng	#	46
55) 4-Nitrophenol	15.09	139	56	0.042	ng	#	1
57) Fluorene	15.72	166	774	0.089	ng	#	46
58) 2,3,4,6-Tetrachlorophenol	14.81	232	56	0.023	ng	#	40
59) Diethylphthalate	15.46	149	81	0.009	ng	#	58
60) 4-Chlorophenyl-phenylether	15.43	204	62	0.012	ng	#	30
61) 4-Nitroaniline	15.32	138	57	0.029	ng	#	12
62) Azobenzene	16.05	77	55	0.006	ng	#	48
64) 4,6-Dinitro-2-methylphenol	15.72	198	63	0.039	ng	#	29
65) n-Nitrosodiphenylamine	16.14	169	8819	1.077	ng	#	46
68) Atrazine	16.63	200	56	0.017	ng	#	35
69) Pentachlorophenol	16.68	266	73	0.035	ng	#	19
70) Phenanthrene	17.44	178	3019	0.210	ng	#	83
71) Anthracene	17.44	178	3019	0.211	ng	#	83
72) Carbazole	17.88	167	218	0.016	ng	#	59
73) Di-n-butylphthalate	18.38	149	1627	0.101	ng	#	59
74) Fluoranthene	19.48	202	1283	0.066	ng		64
77) Pyrene	19.82	202	1282	0.059	ng	#	57
79) Butylbenzylphthalate	20.67	149	232	0.030	ng	#	20
80) Benzo(a)anthracene	21.65	228	1595	0.074	ng	#	50
81) 3,3'-Dichlorobenzidine	21.48	252	63	0.008	ng	#	26
82) Chrysene	21.71	228	944	0.047	ng	#	49
83) Bis(2-ethylhexyl)phthalate	21.54	149	1748	0.165	ng	#	50
84) Di-n-octyl phthalate	22.75	149	1198	0.067	ng	#	74
85) Indeno(1,2,3-cd)pyrene	28.60	276	56	0.003	ng	#	53
87) Benzo(b)fluoranthene	23.86	252	1104	0.057	ng	#	70
88) Benzo(k)fluoranthene	23.91	252	530	0.028	ng	#	60
89) Benzo(a)pyrene	24.70	252	293	0.016	ng	#	65
90) Dibenzo(a,h)anthracene	28.75	278	64	0.004	ng	#	58
91) Benzo(g,h,i)perylene	29.69	276	73	0.004	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 : BG035771.D
Acq On : 20 Jul 2018 5:13
Operator : JU/SJ
Sample : J4054-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
161-TP-1

Quant Time: Jul 20 06:45:25 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
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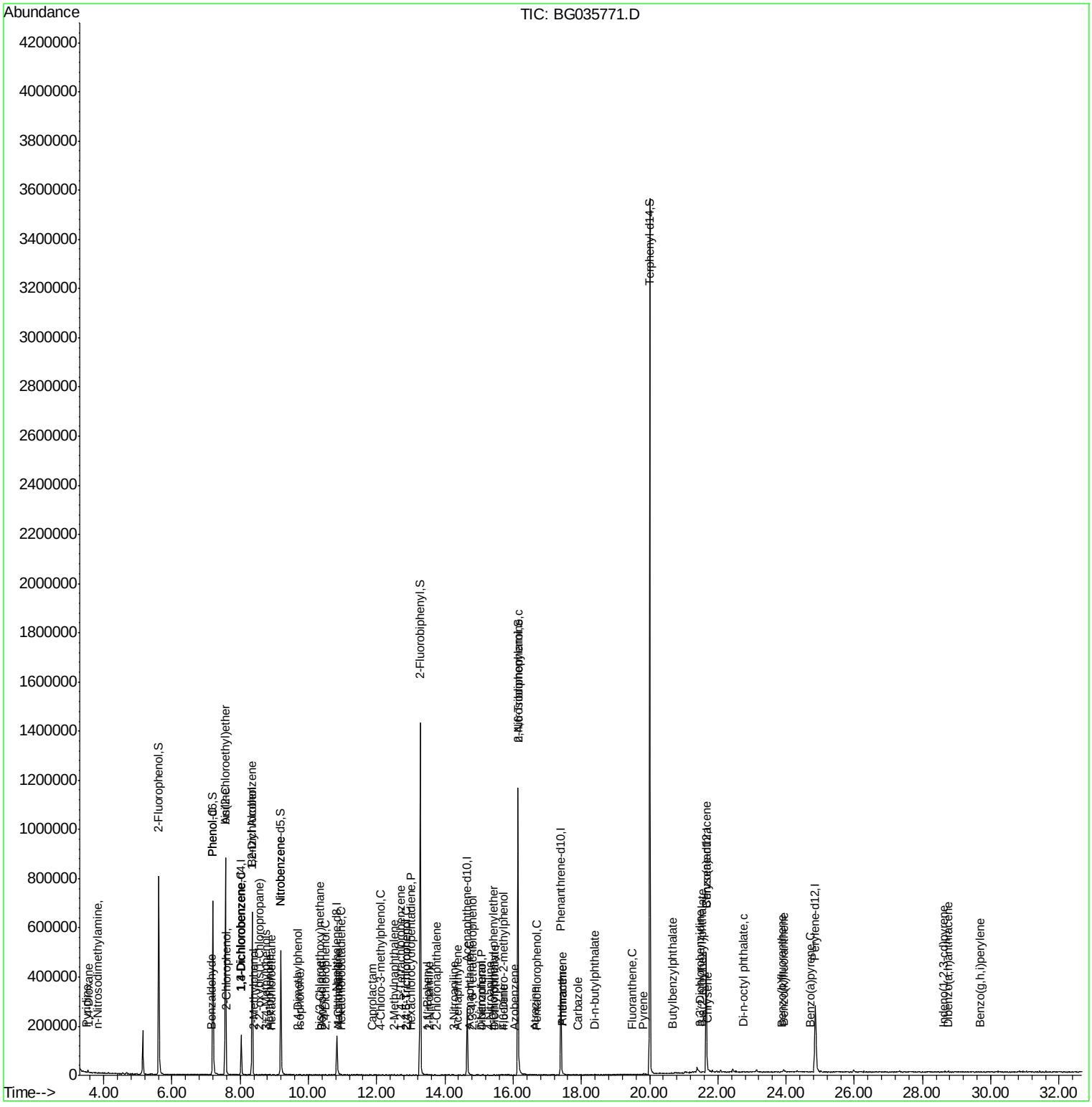
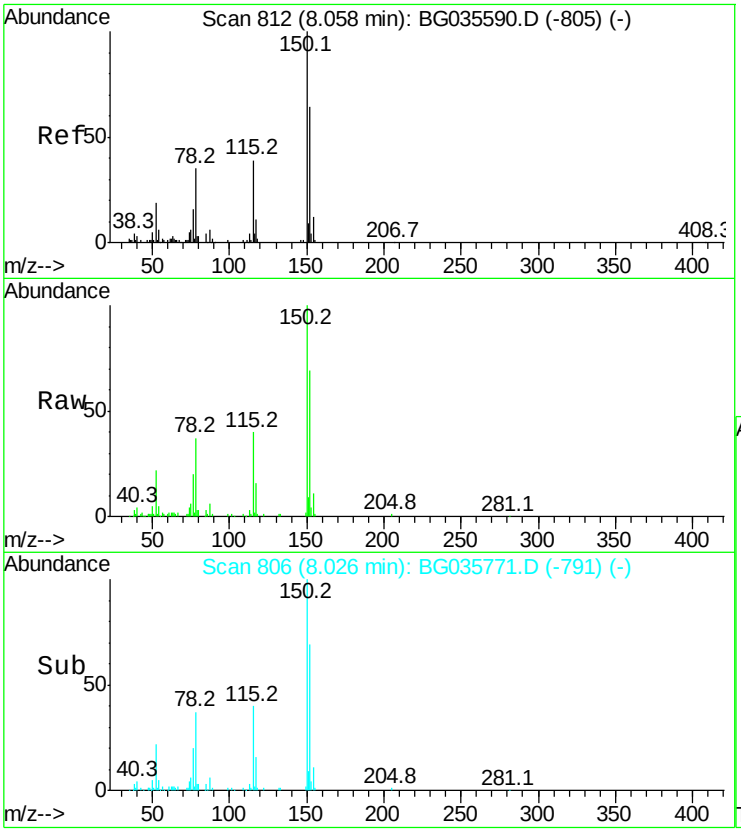


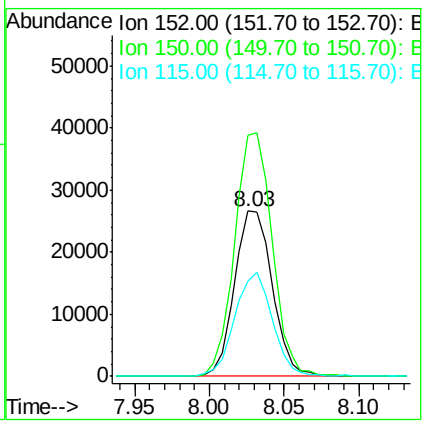


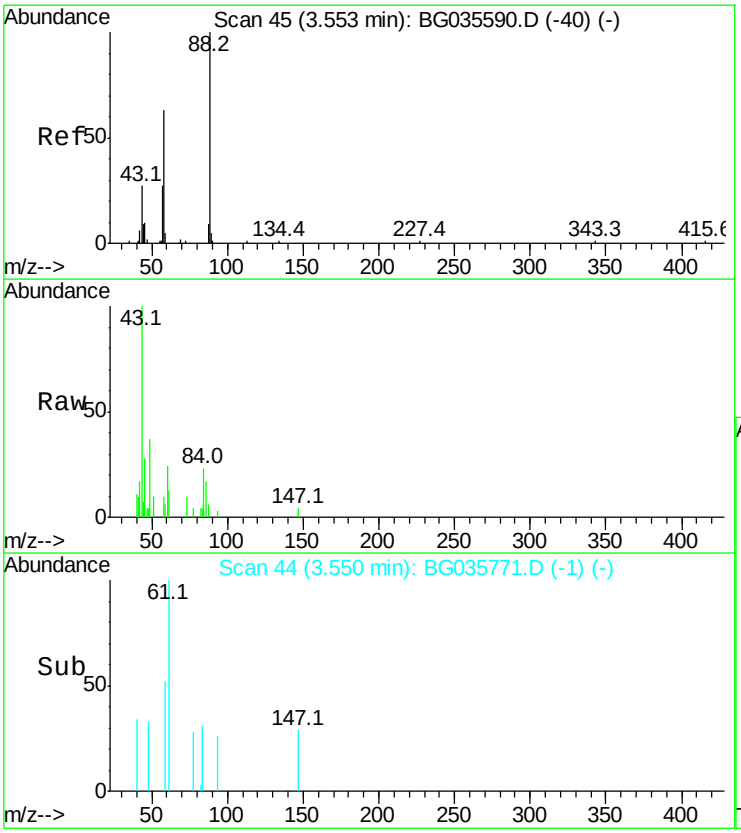
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 806
Delta R.T. -0.01 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Instrument :
BNA_G
ClientSampleId :
161-TP-1

Tgt Ion:152 Resp: 46708

Ion	Ratio	Lower	Upper
152	100		
150	145.7	126.6	189.8
115	57.9	53.0	79.4

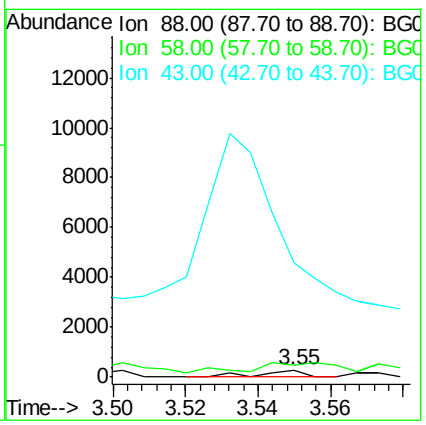


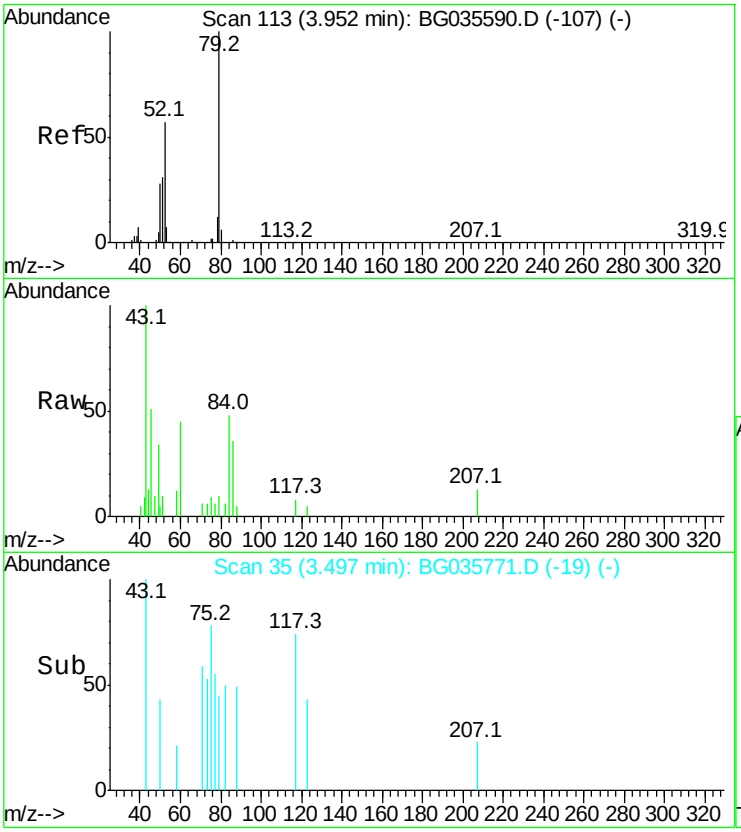


#2
1,4-Dioxane
Concen: 0.150 ng
RT: 3.55 min Scan# 44
Delta R.T. 0.01 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Tgt Ion: 88 Resp: 215

Ion	Ratio	Lower	Upper
88	100		
58	322.3	79.6	119.4#
43	0.0	27.4	41.0#



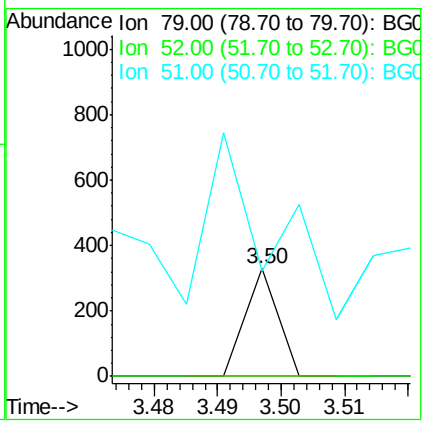


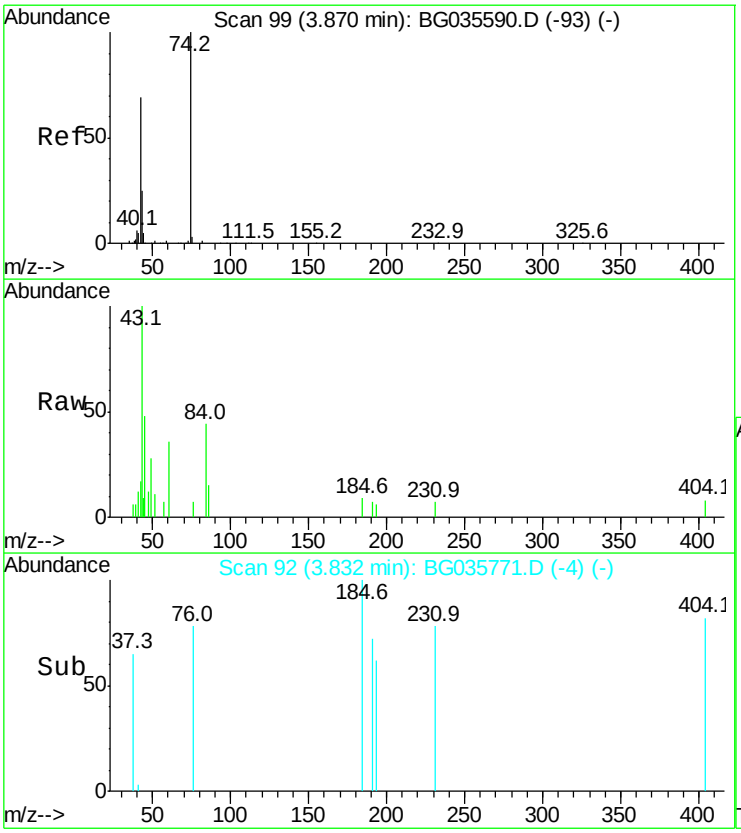
#3
Pyridine
Concen: 0.031 ng
RT: 3.50 min Scan# 35
Delta R.T. -0.44 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Instrument :
BNA_G
ClientSampleId :
161-TP-1

Tgt Ion: 79 Resp: 116

Ion	Ratio	Lower	Upper
79	100		
52	0.0	69.9	104.9#
51	97.6	34.0	51.0#

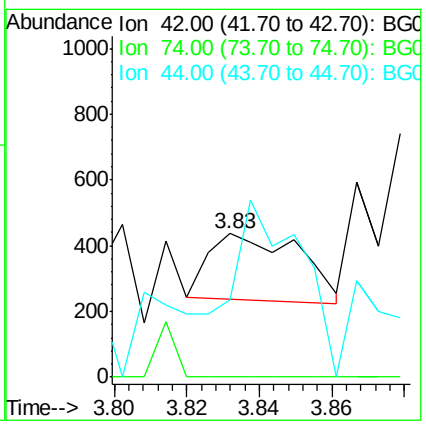


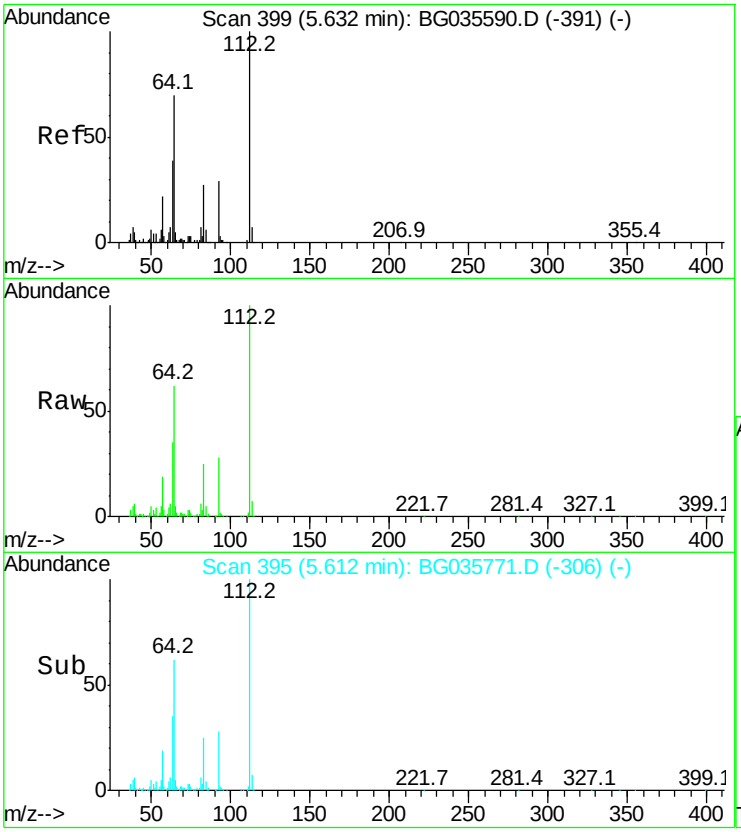


#4
n-Nitrosodimethylamine
Concen: 0.217 ng
RT: 3.83 min Scan# 92
Delta R.T. -0.01 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Tgt Ion: 42 Resp: 349

Ion	Ratio	Lower	Upper
42	100		
74	0.0	102.5	153.7#
44	53.7	18.9	28.3#



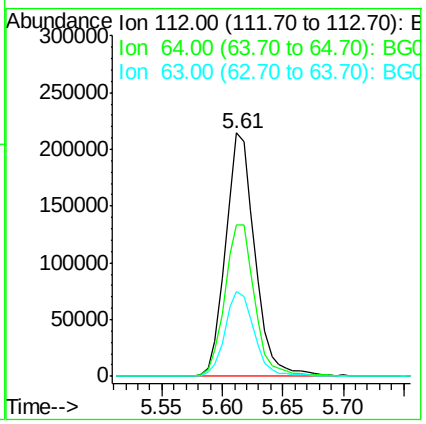


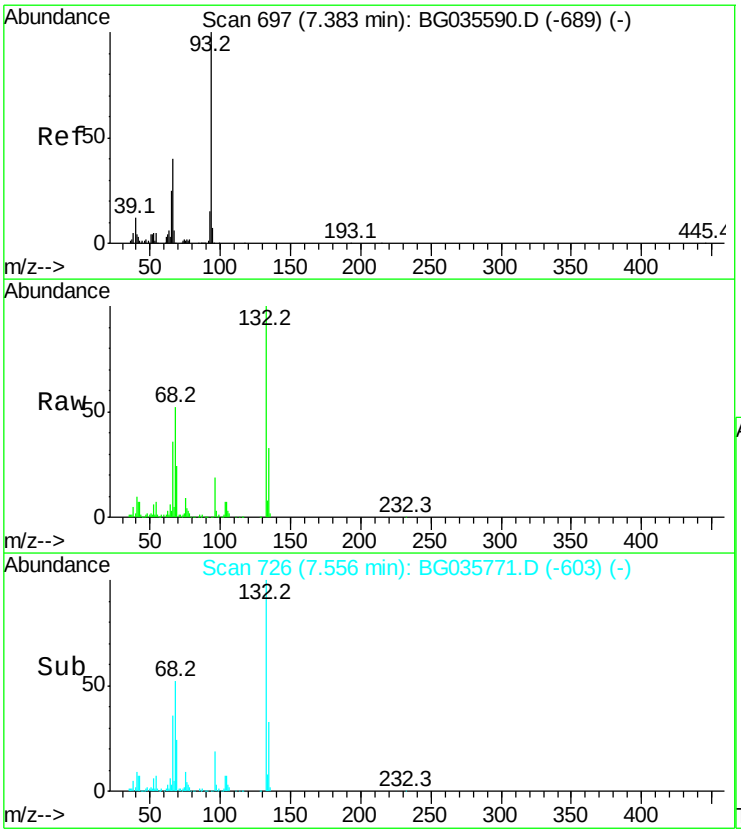
#5
2-Fluorophenol
Concen: 128.714 ng
RT: 5.61 min Scan# 395
Delta R.T. -0.01 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Instrument :
BNA_G
ClientSampleId :
161-TP-1

Tgt Ion:112 Resp: 362115

Ion	Ratio	Lower	Upper
112	100		
64	62.1	56.3	84.5
63	34.7	30.1	45.1

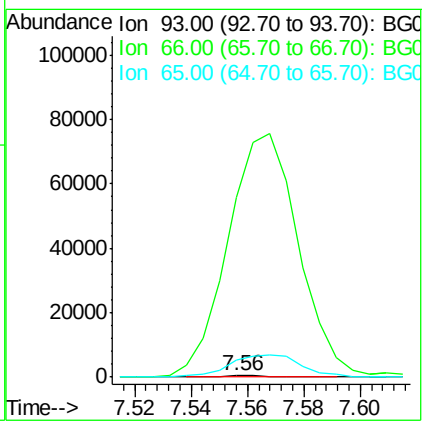


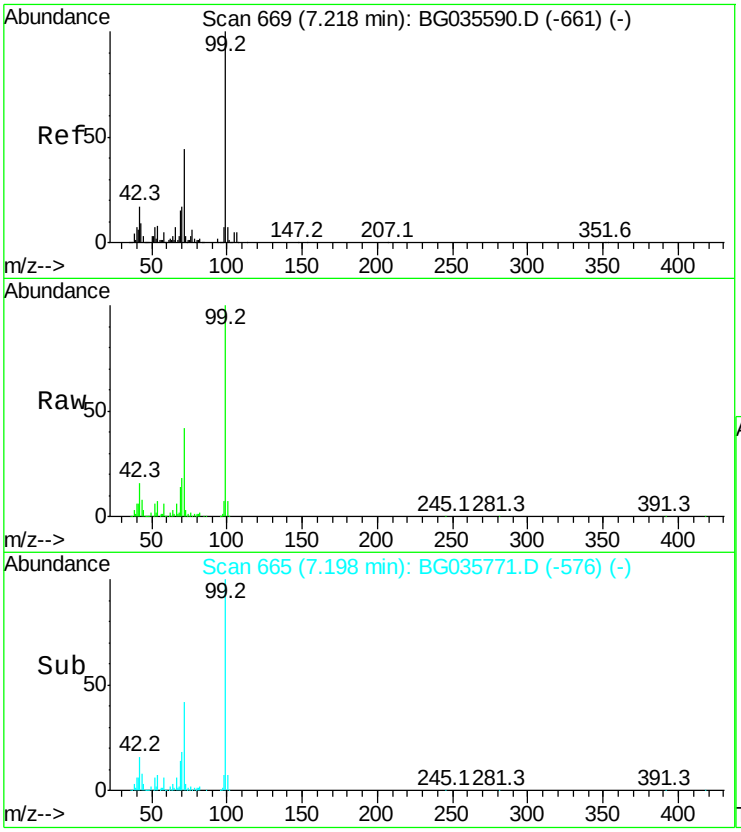


#6
Aniline
Concen: 0.113 ng
RT: 7.56 min Scan# 726
Delta R.T. 0.19 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Tgt Ion: 93 Resp: 614

Ion	Ratio	Lower	Upper
93	100		
66	12622.6	33.7	50.5#
65	1210.6	16.1	24.1#



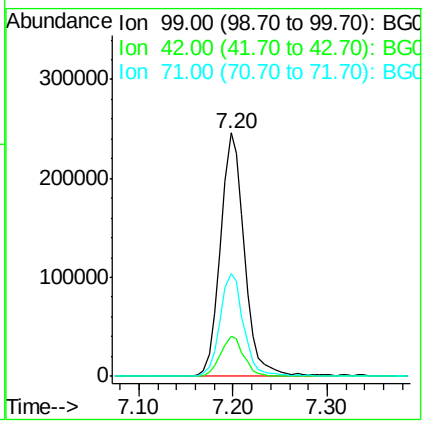


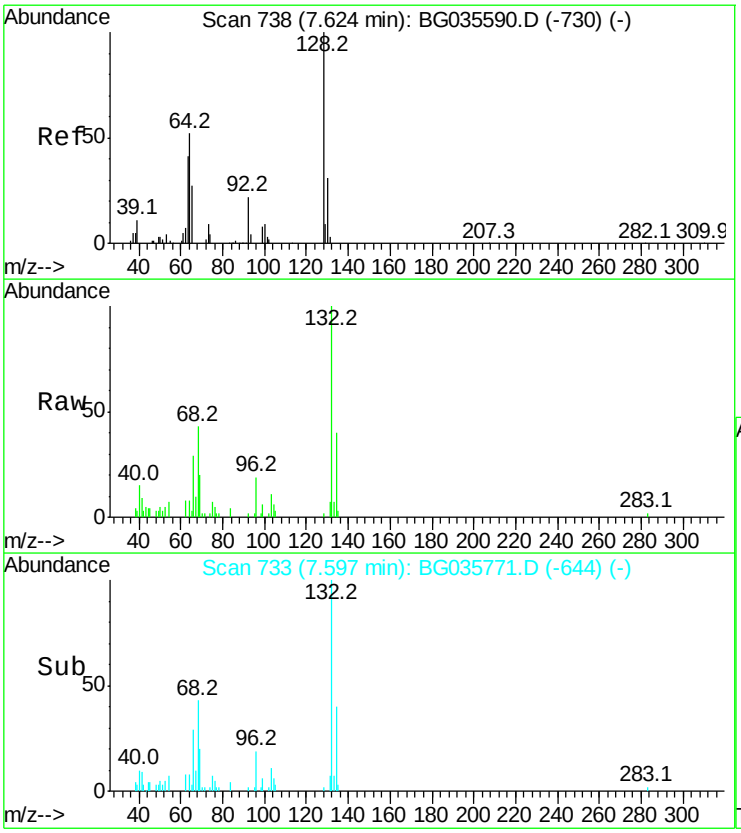
#7
Phenol-d6
Concen: 104.120 ng
RT: 7.20 min Scan# 665
Delta R.T. -0.01 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Instrument :
BNA_G
ClientSampleId :
161-TP-1

Tgt Ion: 99 Resp: 437039

Ion	Ratio	Lower	Upper
99	100		
42	16.3	14.1	21.1
71	42.2	26.1	39.1#

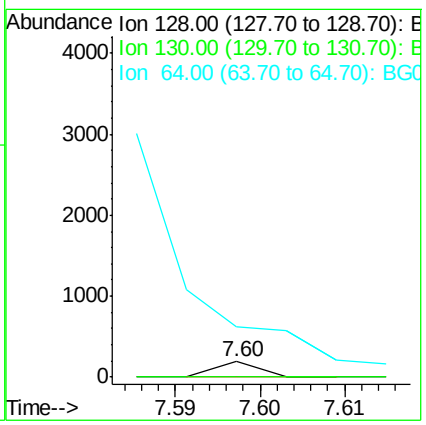


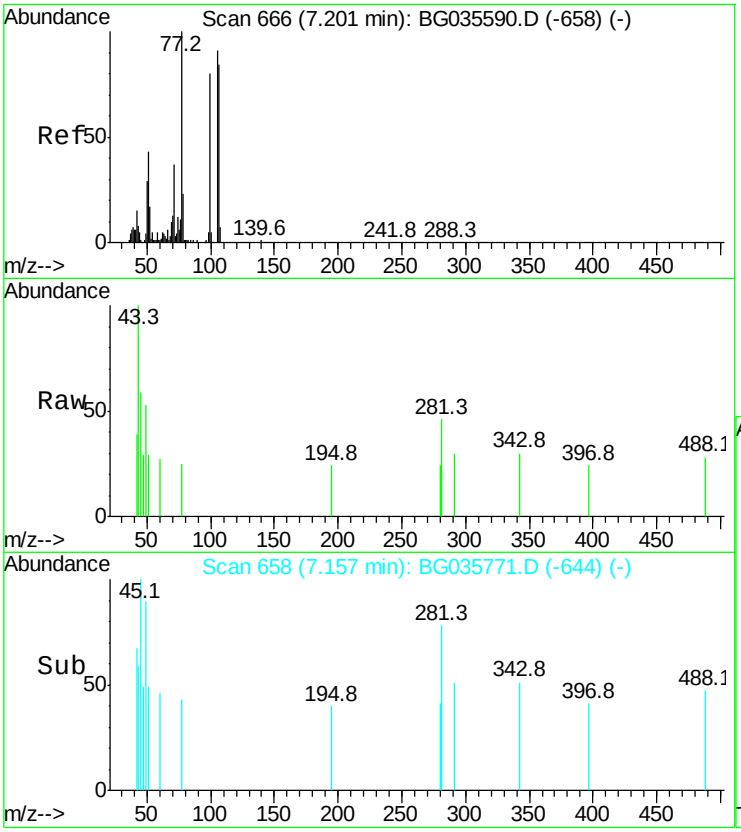


#8
2-Chlorophenol
Concen: 0.023 ng
RT: 7.60 min Scan# 733
Delta R.T. -0.01 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Tgt Ion:128 Resp: 66

Ion	Ratio	Lower	Upper
128	100		
130	0.0	14.0	54.0#
64	328.2	37.7	77.7#



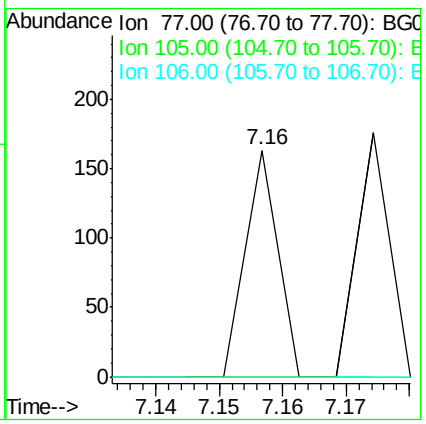


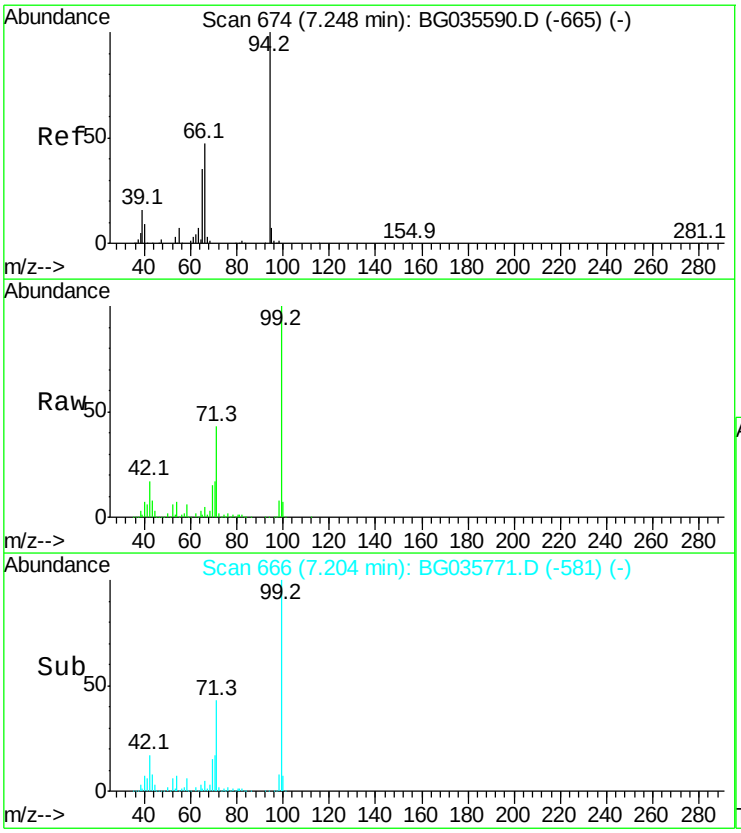
#9
Benzaldehyde
Concen: 0.022 ng
RT: 7.16 min Scan# 658
Delta R.T. -0.02 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Instrument :
BNA_G
ClientSampleId :
161-TP-1

Tgt Ion: 77 Resp: 57

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

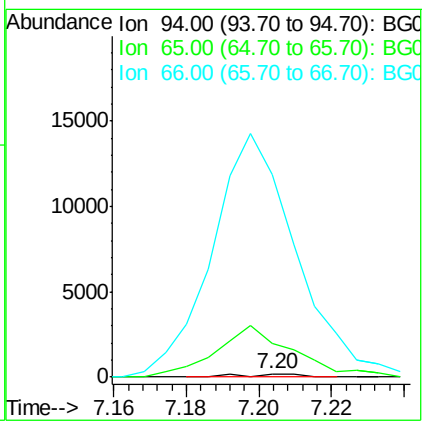


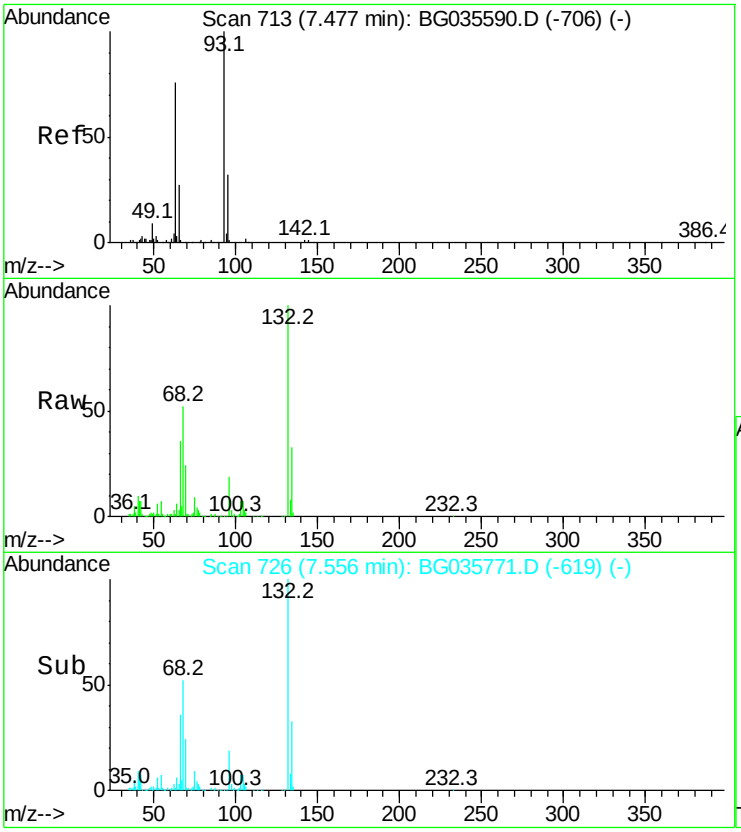


#10
Phenol
Concen: 0.042 ng
RT: 7.20 min Scan# 666
Delta R.T. -0.03 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Tgt Ion: 94 Resp: 178

Ion	Ratio	Lower	Upper
94	100		
65	1086.2	11.9	51.9#
66	6544.8	22.2	62.2#



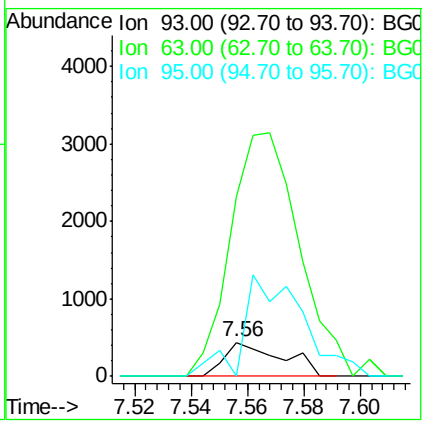


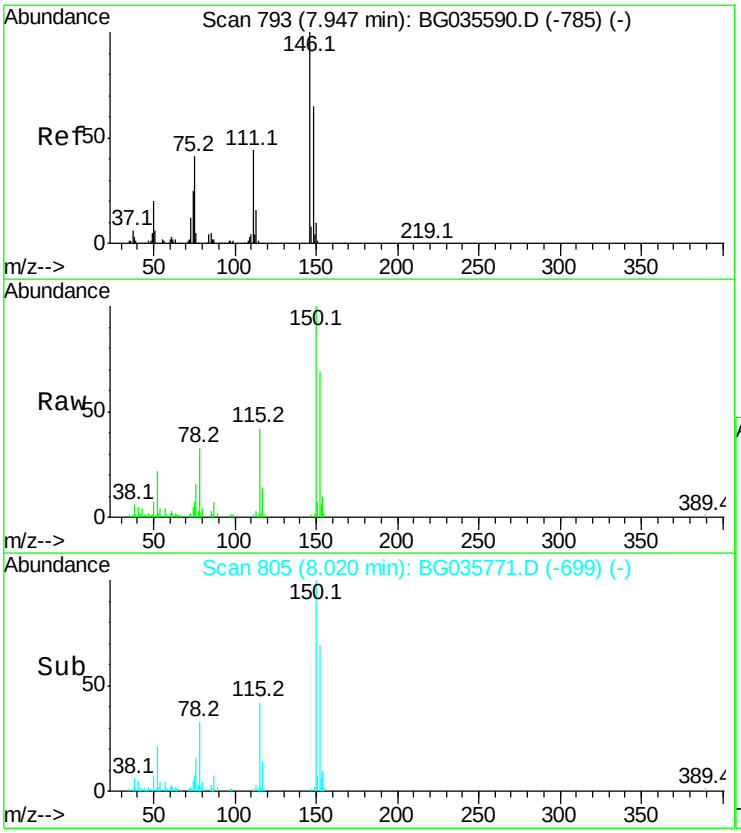
#11
bis(2-Chloroethyl)ether
Concen: 0.185 ng
RT: 7.56 min Scan# 726
Delta R.T. 0.10 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Instrument :
BNA_G
ClientSampleId :
161-TP-1

Tgt Ion: 93 Resp: 614

Ion	Ratio	Lower	Upper
93	100		
63	526.0	67.1	107.1#
95	0.0	11.5	51.5#

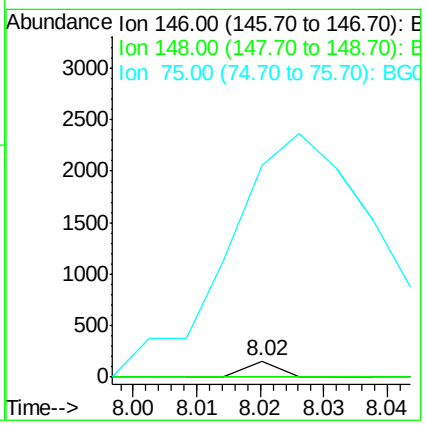


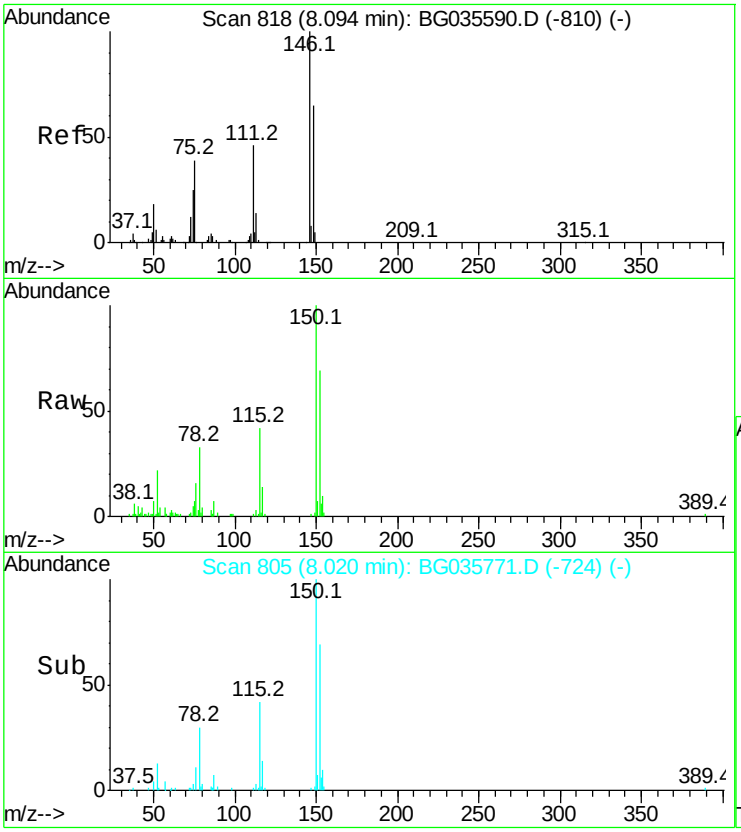


#12
1,3-Dichlorobenzene
Concen: 0.016 ng
RT: 8.02 min Scan# 805
Delta R.T. 0.09 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Tgt Ion:146 Resp: 55

Ion	Ratio	Lower	Upper
146	100		
148	0.0	51.4	77.2#
75	1314.7	26.6	39.8#



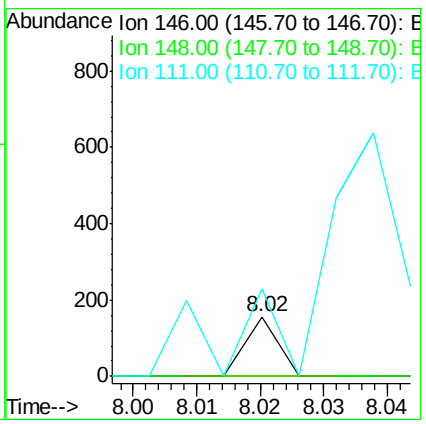


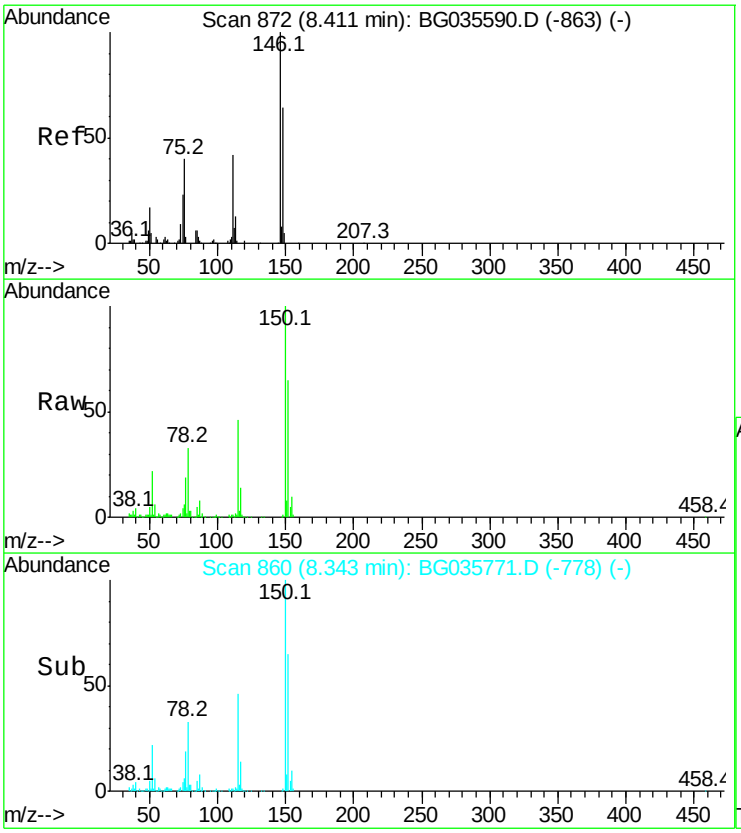
#13
1,4-Dichlorobenzene
Concen: 0.016 ng
RT: 8.02 min Scan# 805
Delta R.T. -0.06 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Instrument :
BNA_G
ClientSampleId :
161-TP-1

Tgt Ion:146 Resp: 55

Ion	Ratio	Lower	Upper
146	100		
148	0.0	53.7	80.5#
111	146.2	35.2	52.8#

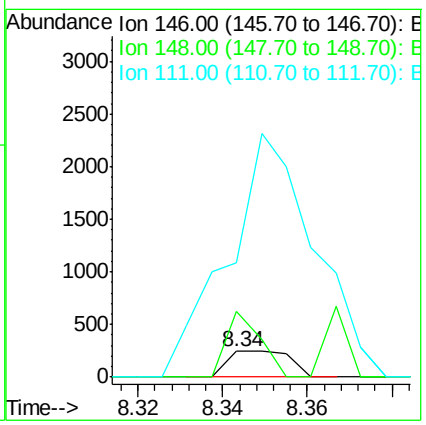


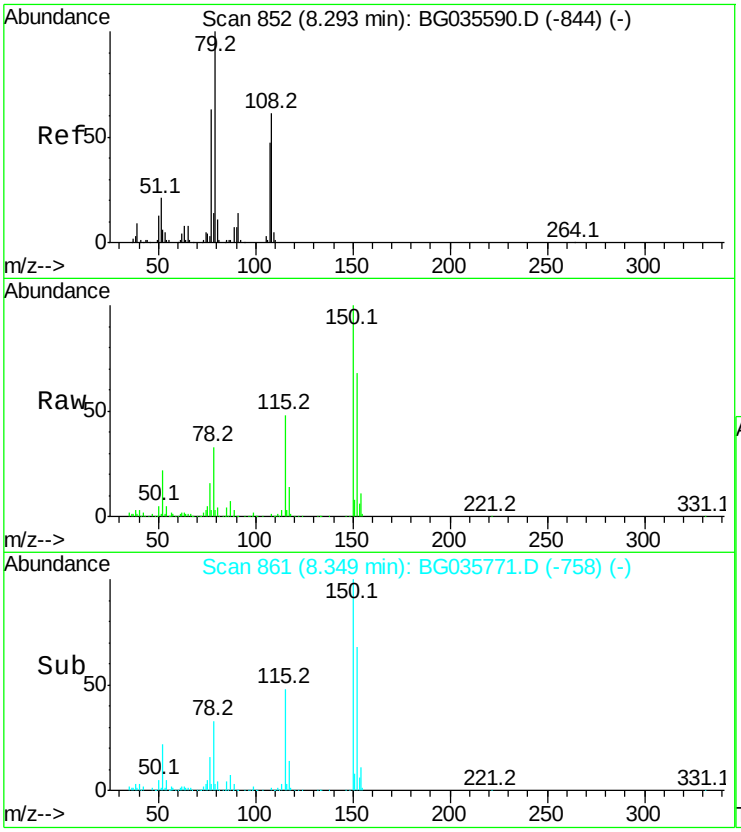


#14
1,2-Dichlorobenzene
Concen: 0.075 ng
RT: 8.34 min Scan# 860
Delta R.T. -0.05 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Tgt Ion:146 Resp: 252

Ion	Ratio	Lower	Upper
146	100		
148	255.7	49.3	73.9#
111	447.5	34.3	51.5#



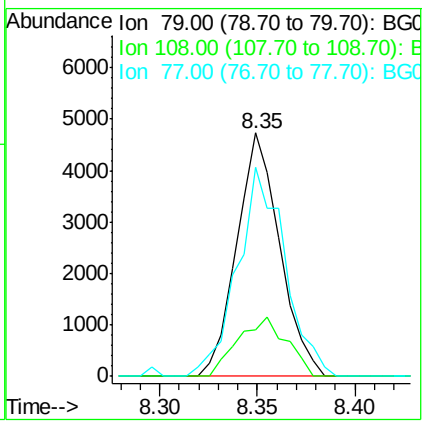


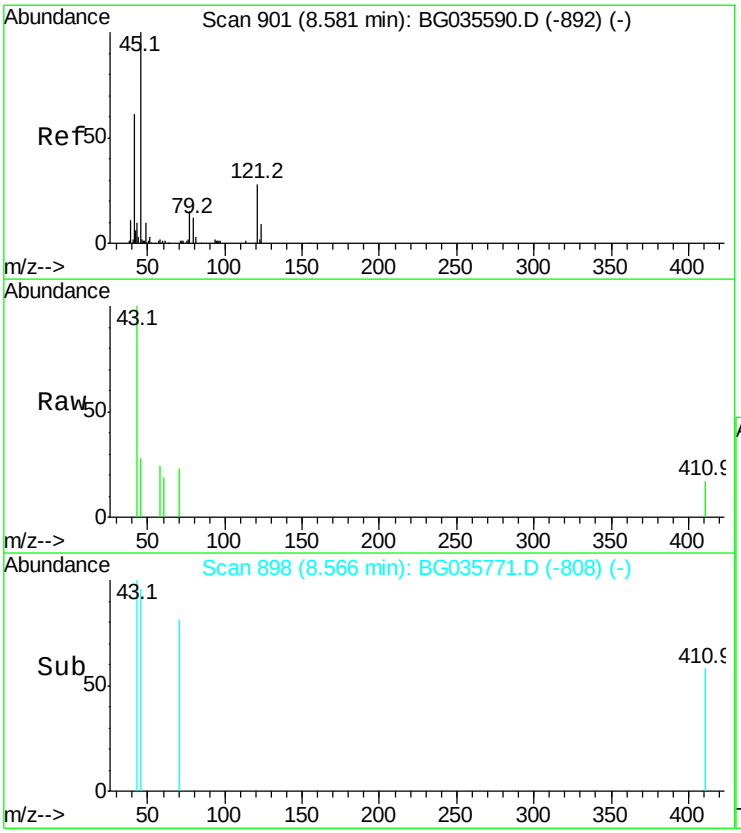
#15
Benzyl Alcohol
Concen: 1.886 ng
RT: 8.35 min Scan# 861
Delta R.T. 0.07 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Instrument :
BNA_G
ClientSampleId :
161-TP-1

Tgt Ion: 79 Resp: 7189

Ion	Ratio	Lower	Upper
79	100		
108	19.2	57.2	85.8#
77	85.7	46.1	69.1#

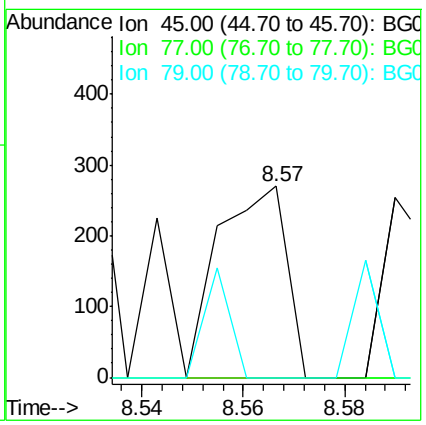


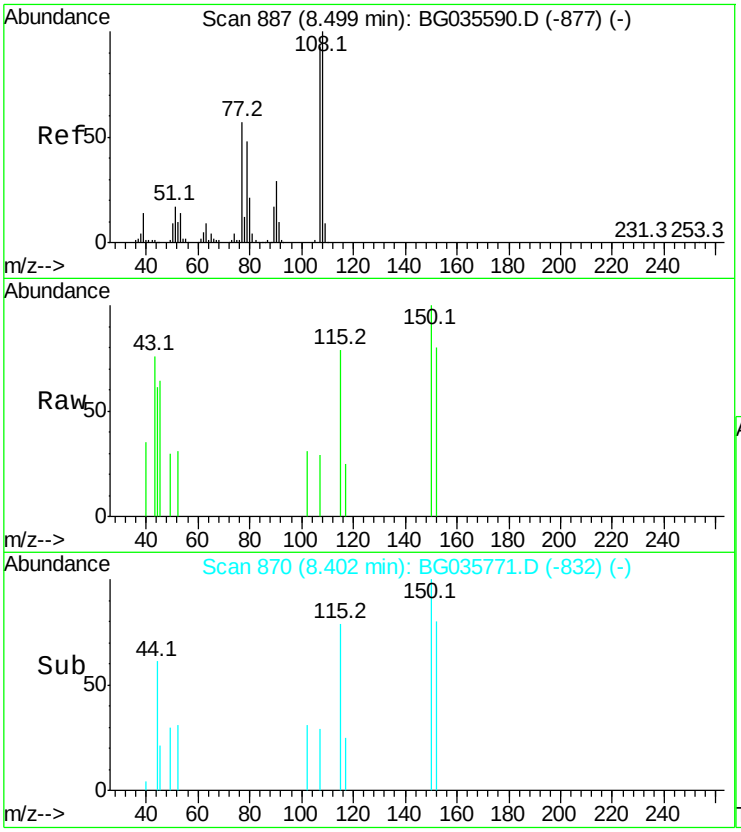


#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.091 ng
RT: 8.57 min Scan# 898
Delta R.T. -0.00 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Tgt Ion: 45 Resp: 254

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



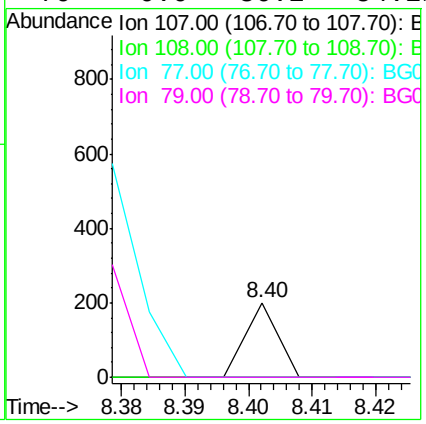


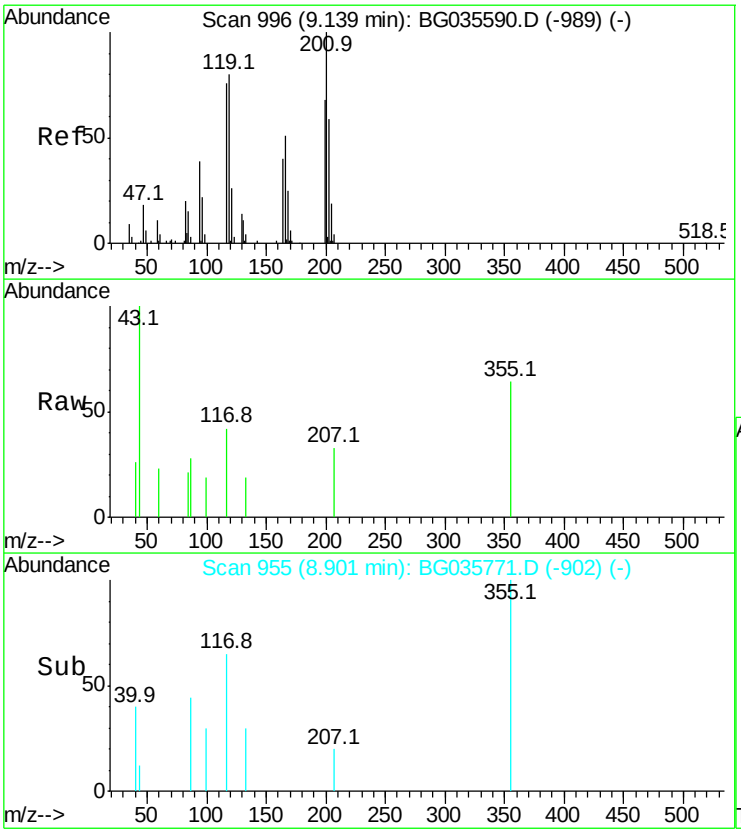
#17
2-Methylphenol
Concen: 0.025 ng
RT: 8.40 min Scan# 870
Delta R.T. -0.08 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Instrument :
BNA_G
ClientSampleId :
161-TP-1

Tgt Ion:107 Resp: 71

Ion	Ratio	Lower	Upper
107	100		
108	0.0	83.9	125.9#
77	0.0	37.2	55.8#
79	0.0	36.2	54.2#

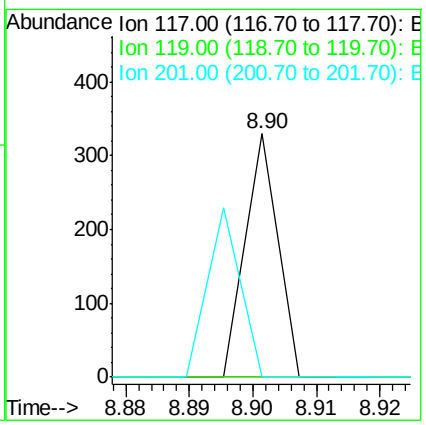


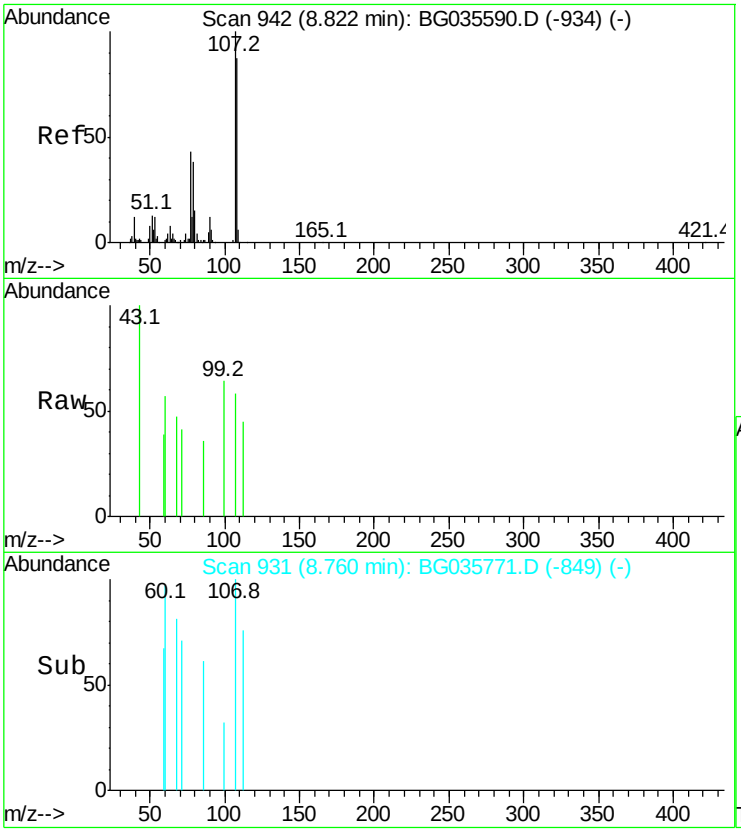


#18
Hexachloroethane
Concen: 0.086 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.22 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Tgt Ion:117 Resp: 116

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



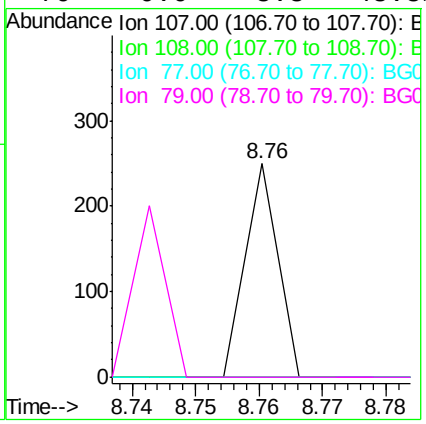


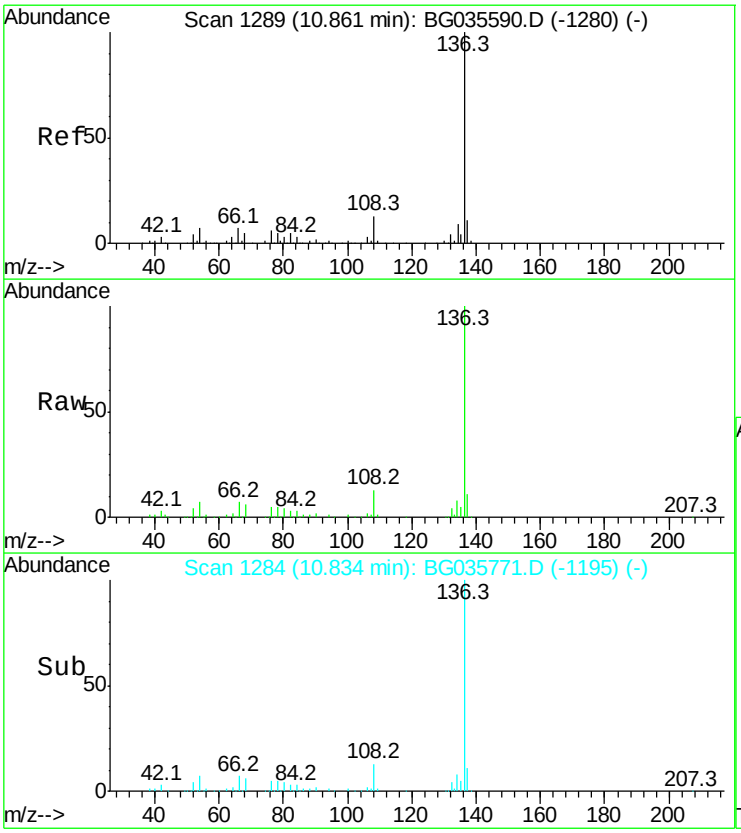
#20
3+4-Methylphenols
Concen: 0.022 ng
RT: 8.76 min Scan# 931
Delta R.T. -0.05 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Instrument :
BNA_G
ClientSampleId :
161-TP-1

Tgt Ion:107 Resp: 88

Ion	Ratio	Lower	Upper
107	100		
108	0.0	61.6	101.6#
77	0.0	13.9	53.9#
79	0.0	8.8	48.8#

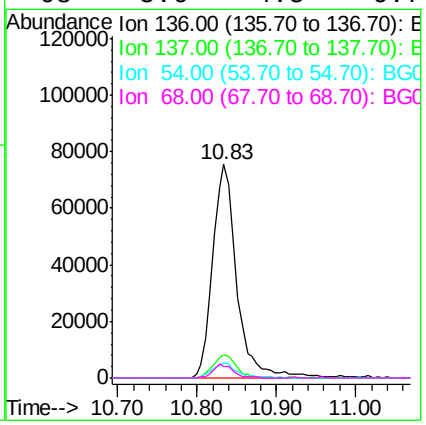


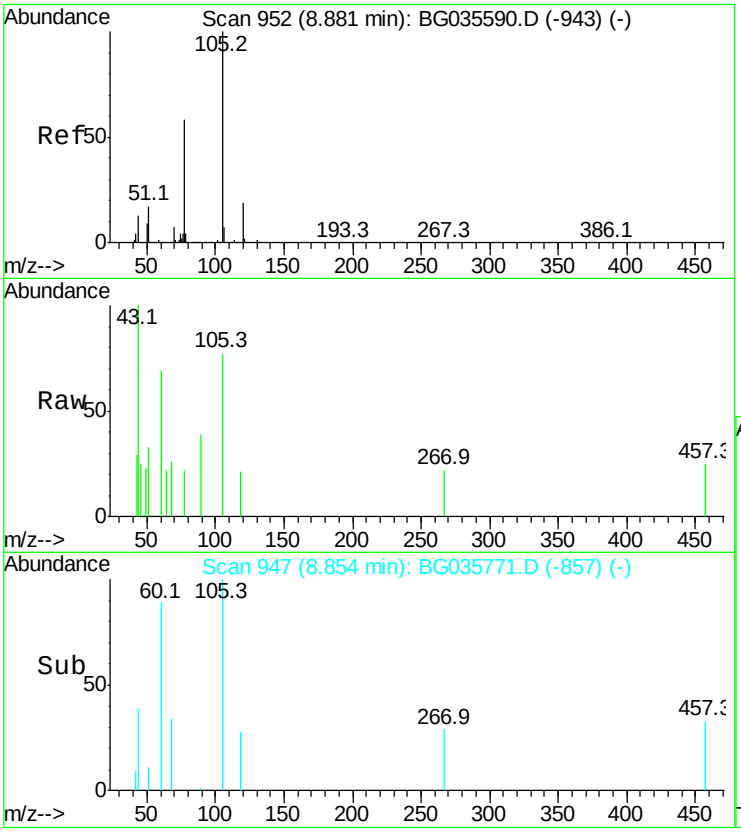


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Tgt Ion:136 Resp: 158844

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	7.1	10.3	15.5#
68	5.6	4.5	6.7



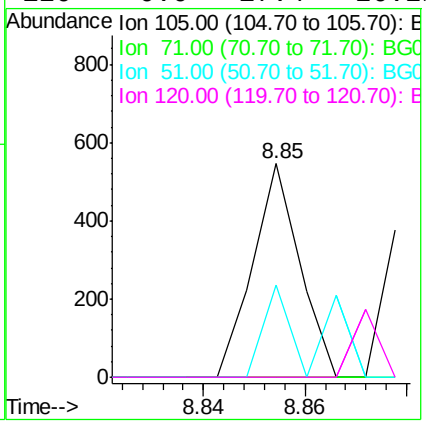


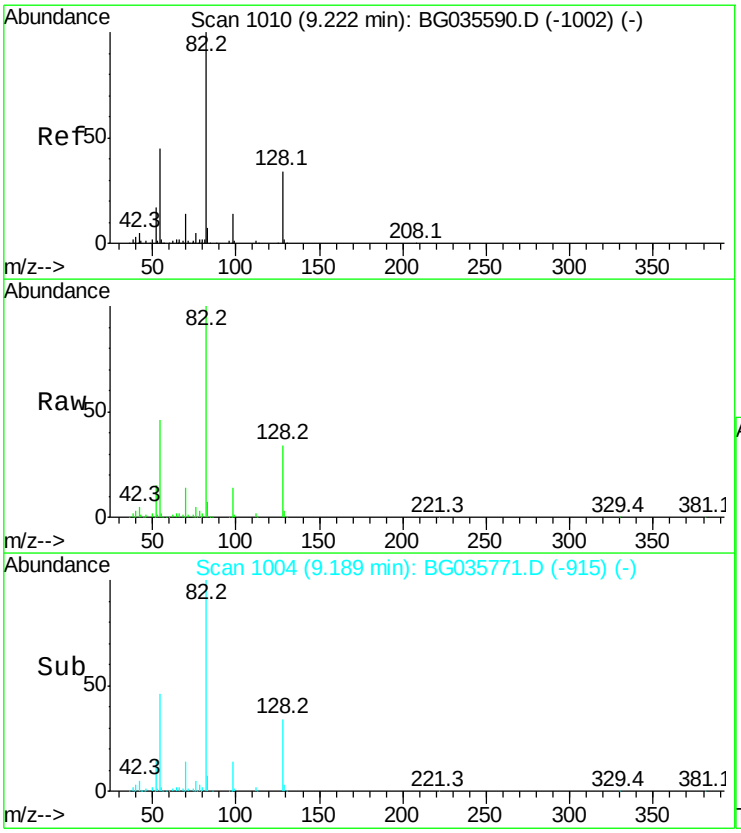
#22
Acetophenone
Concen: 0.070 ng
RT: 8.85 min Scan# 947
Delta R.T. -0.00 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Instrument :
BNA_G
ClientSampleId :
161-TP-1

Tgt Ion:105 Resp: 348

Ion	Ratio	Lower	Upper
105	100		
71	0.0	3.0	4.4#
51	43.2	26.1	39.1#
120	0.0	17.4	26.2#

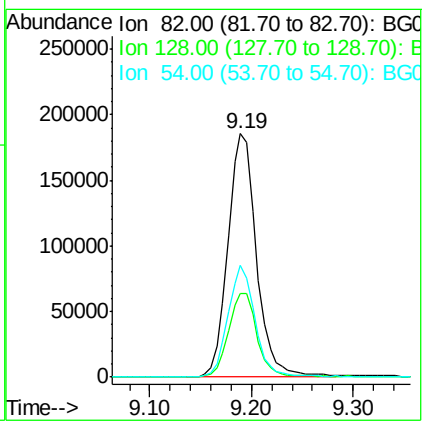


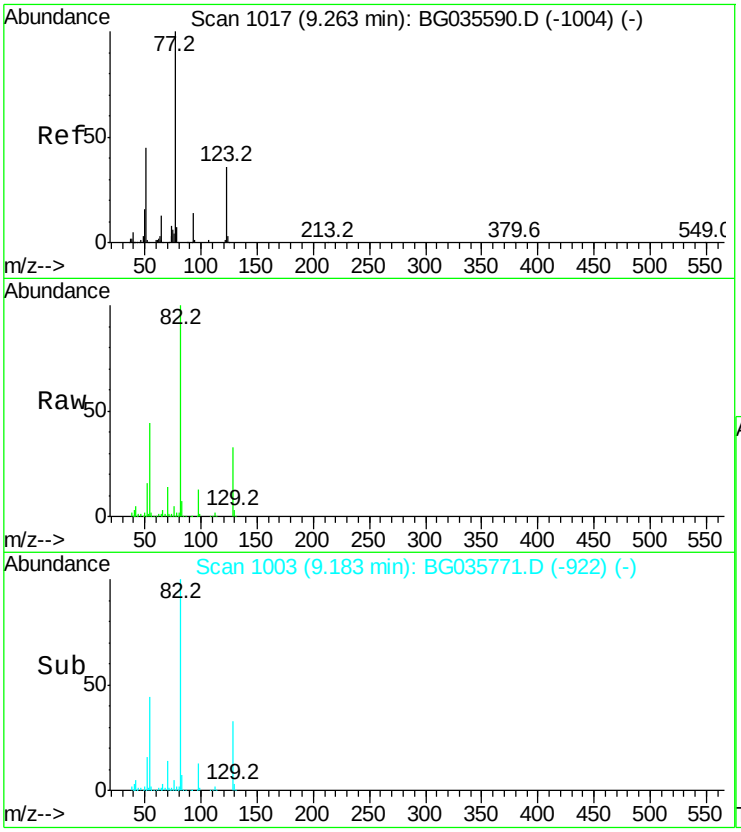


#23
Nitrobenzene-d5
Concen: 95.402 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Tgt Ion: 82 Resp: 362755

Ion	Ratio	Lower	Upper
82	100		
128	34.3	29.7	44.5
54	45.9	43.1	64.7



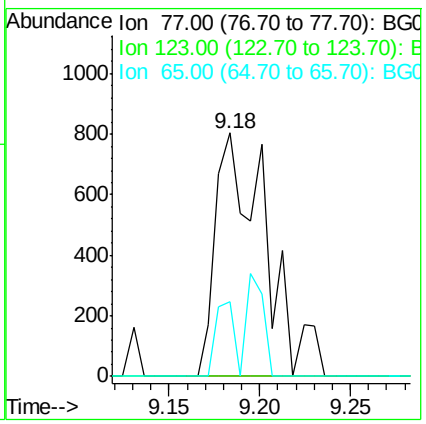


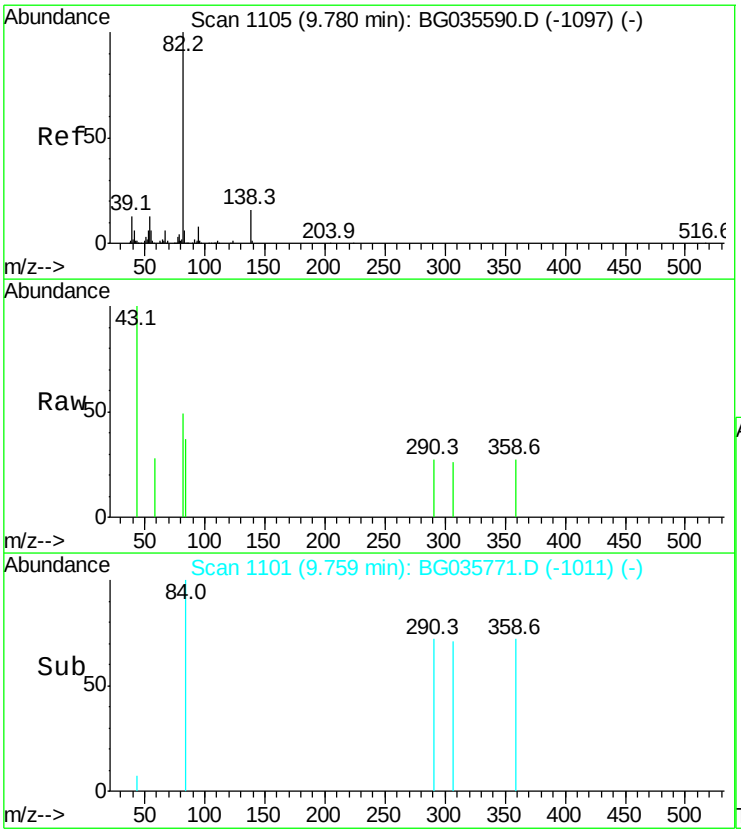
#24
Nitrobenzene
Concen: 0.403 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.06 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Instrument :
BNA_G
ClientSampleId :
161-TP-1

Tgt Ion: 77 Resp: 1542

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.6#
65	30.6	13.0	19.6#

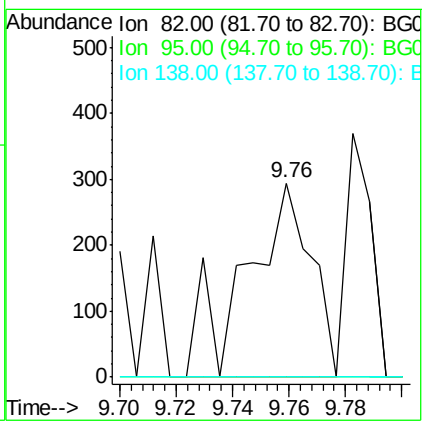


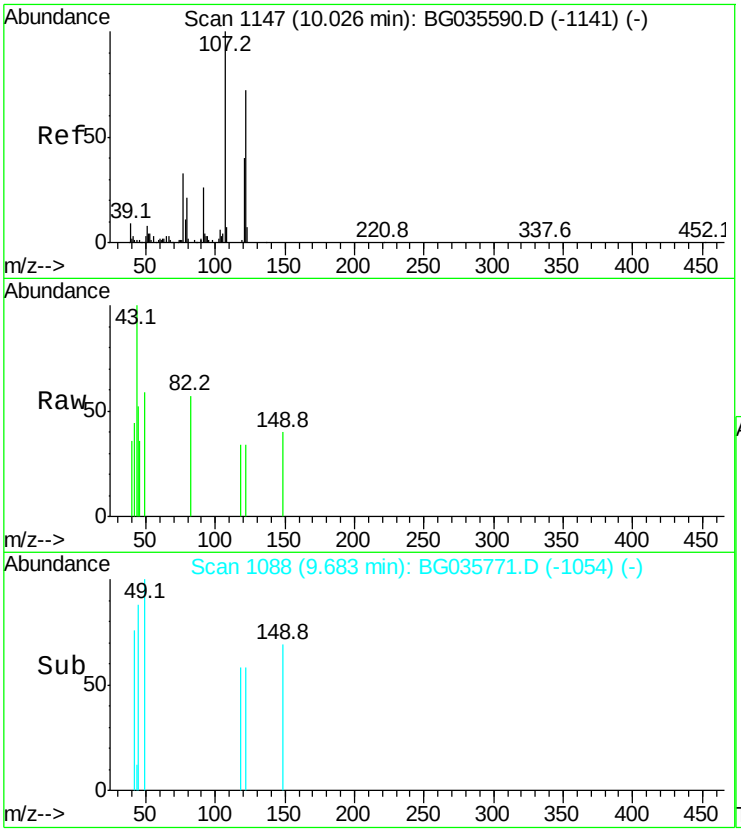


#25
Isophorone
Concen: 0.068 ng
RT: 9.76 min Scan# 1101
Delta R.T. -0.00 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Tgt Ion: 82 Resp: 477

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



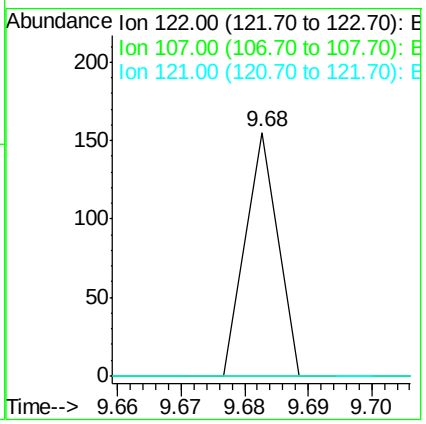


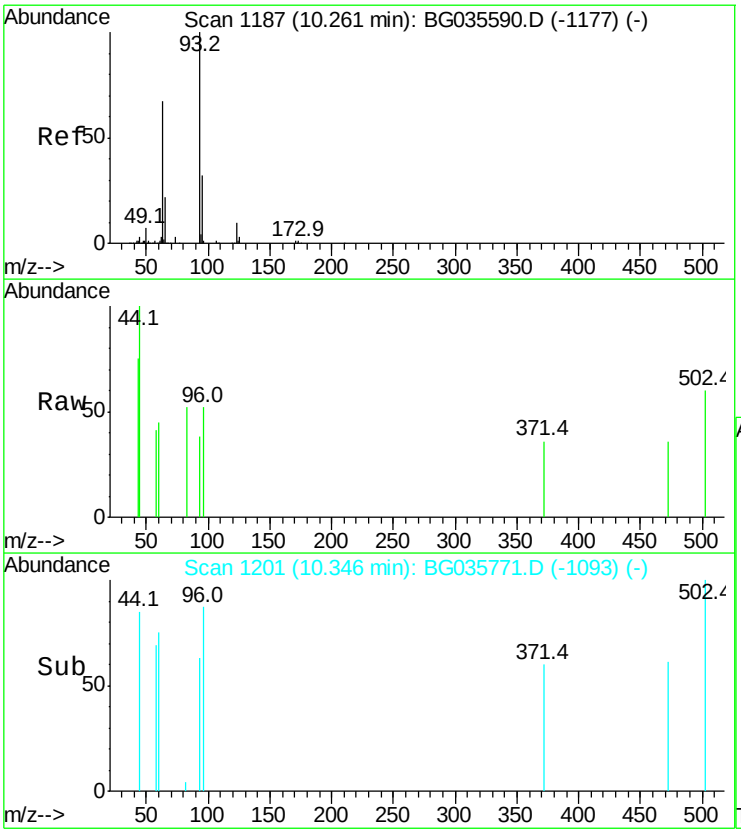
#27
2,4-Dimethylphenol
Concen: 0.024 ng
RT: 9.68 min Scan# 1088
Delta R.T. -0.33 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Instrument :
BNA_G
ClientSampleId :
161-TP-1

Tgt Ion:122 Resp: 55

Ion	Ratio	Lower	Upper
122	100		
107	0.0	100.2	150.2#
121	0.0	44.4	66.6#

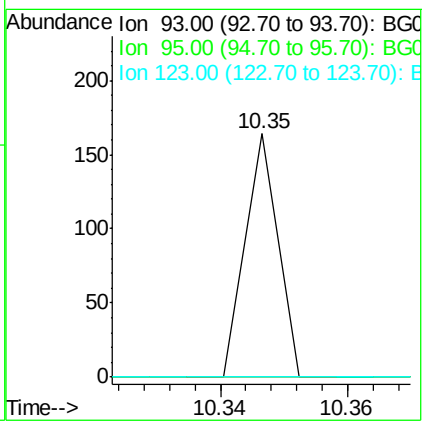


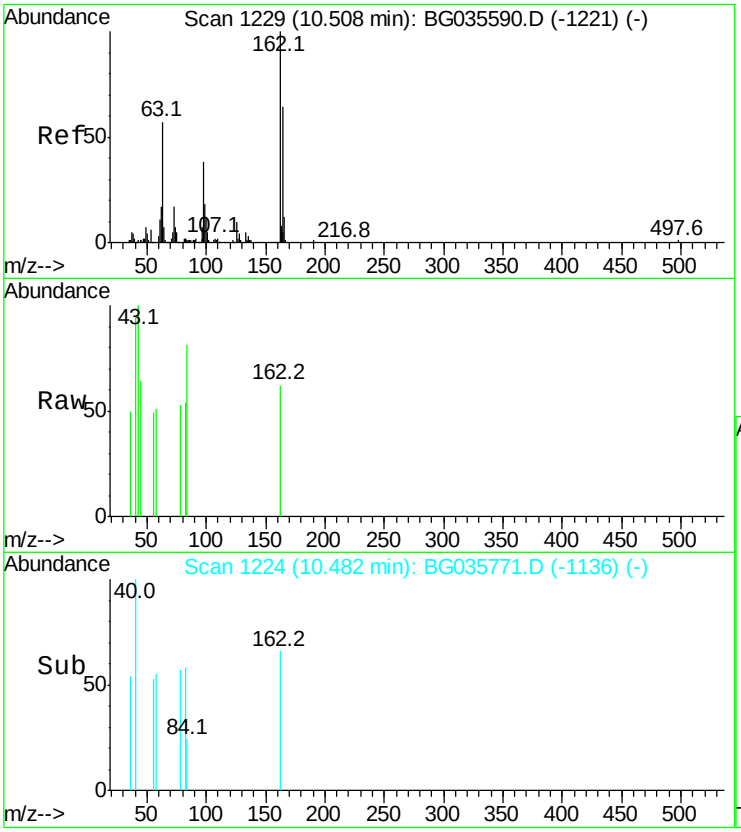


#28
bis(2-Chloroethoxy)methane
Concen: 0.015 ng
RT: 10.35 min Scan# 1201
Delta R.T. 0.10 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Tgt Ion: 93 Resp: 58

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



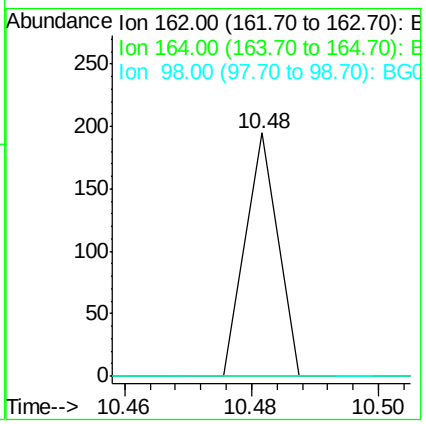


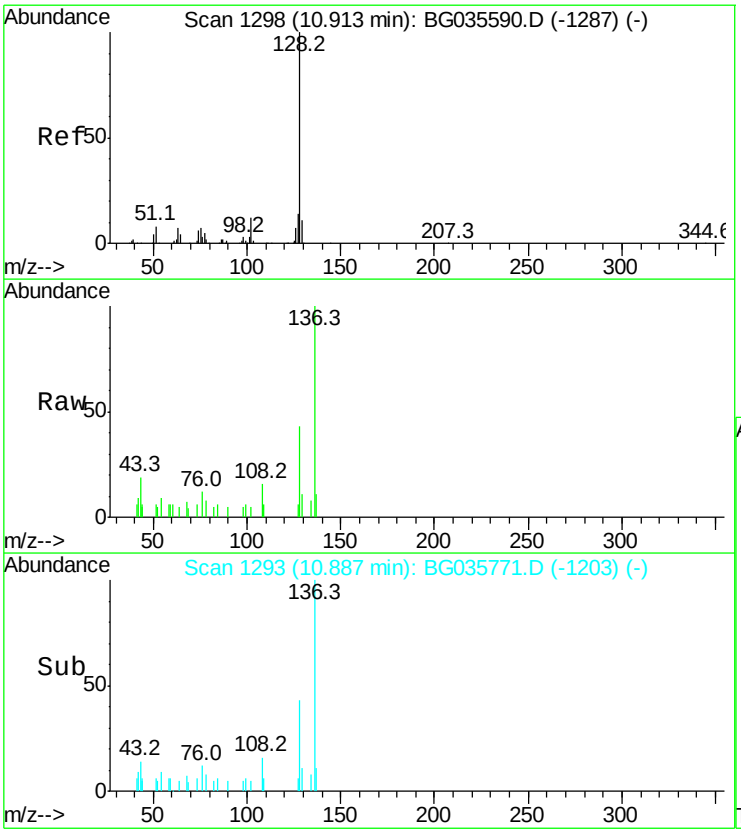
#29
2,4-Dichlorophenol
Concen: 0.026 ng
RT: 10.48 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Instrument :
BNA_G
ClientSampleId :
161-TP-1

Tgt Ion:162 Resp: 69

Ion	Ratio	Lower	Upper
162	100		
164	0.0	48.0	88.0#
98	0.0	21.1	61.1#

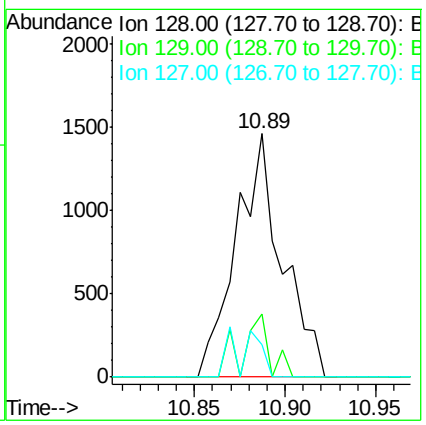


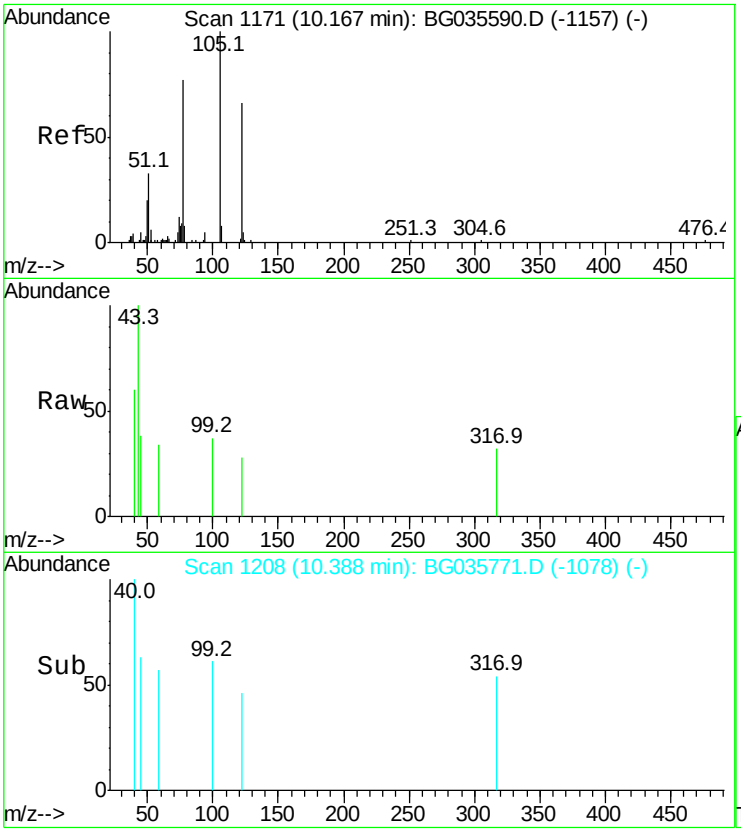


#31
Naphthalene
Concen: 0.312 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Tgt Ion:128 Resp: 2582

Ion	Ratio	Lower	Upper
128	100		
129	26.1	8.6	12.8#
127	13.5	11.6	17.4



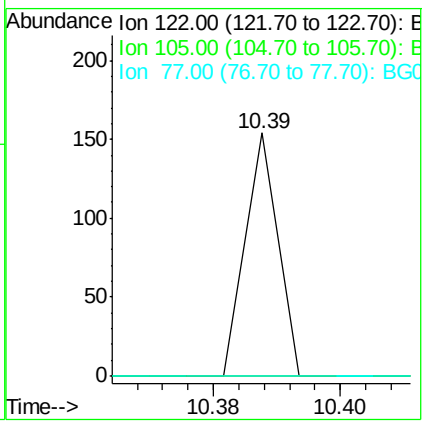


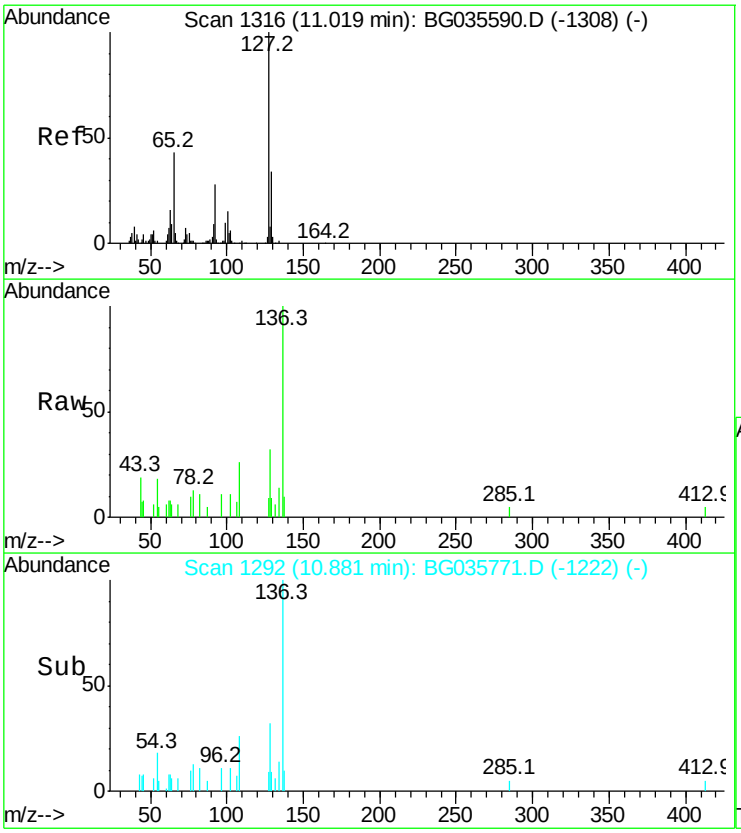
#32
Benzoic acid
Concen: 0.035 ng
RT: 10.39 min Scan# 1208
Delta R.T. 0.23 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Instrument :
BNA_G
ClientSampleId :
161-TP-1

Tgt Ion:122 Resp: 54

Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.5	163.5#
77	0.0	85.7	125.7#

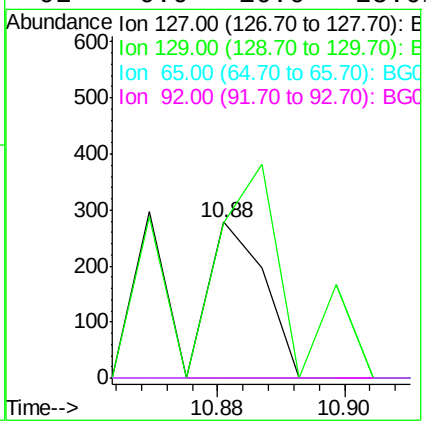


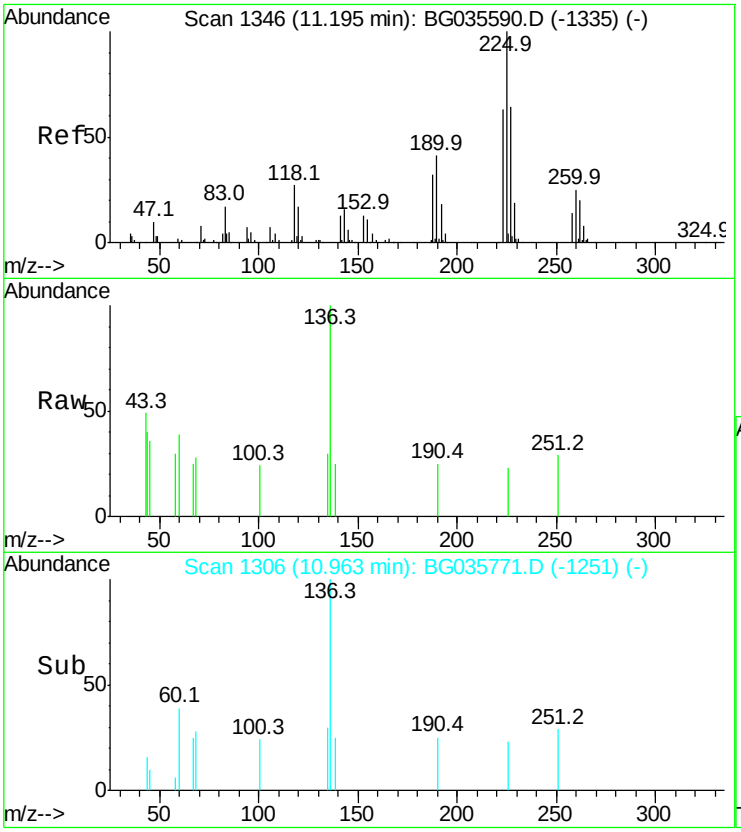


#33
4-Chloroaniline
Concen: 0.046 ng
RT: 10.88 min Scan# 1292
Delta R.T. -0.12 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Tgt Ion:127 Resp: 167

Ion	Ratio	Lower	Upper
127	100		
129	99.3	24.0	36.0#
65	0.0	27.0	40.4#
92	0.0	16.6	25.0#



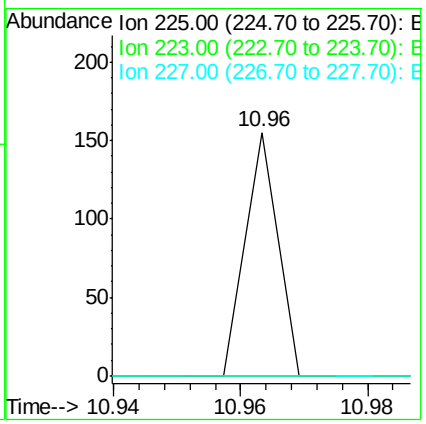


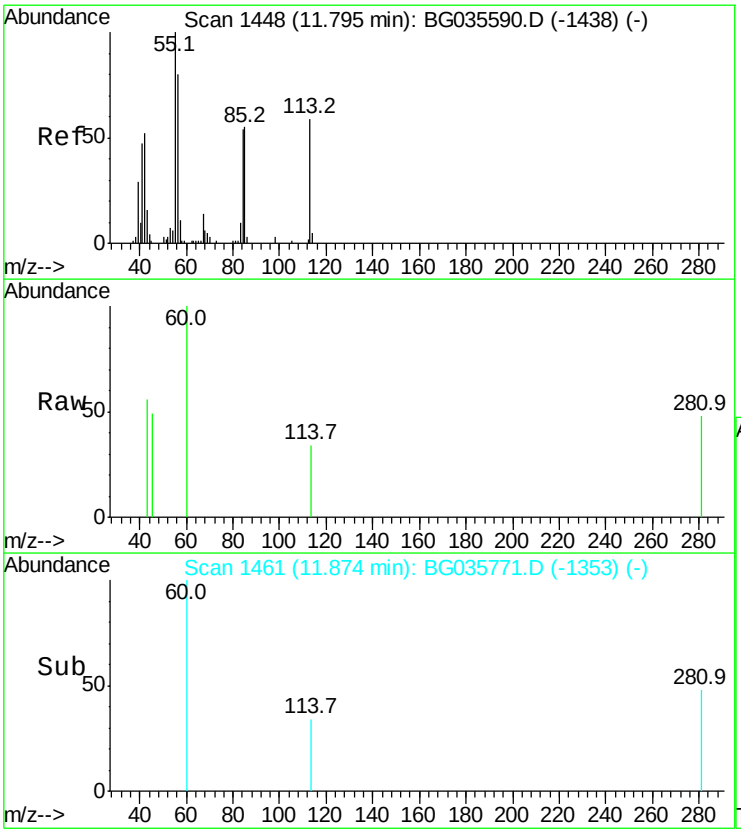
#34
Hexachlorobutadiene
Concen: 0.022 ng
RT: 10.96 min Scan# 1306
Delta R.T. -0.21 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Instrument :
BNA_G
ClientSampleId :
161-TP-1

Tgt Ion:225 Resp: 55

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

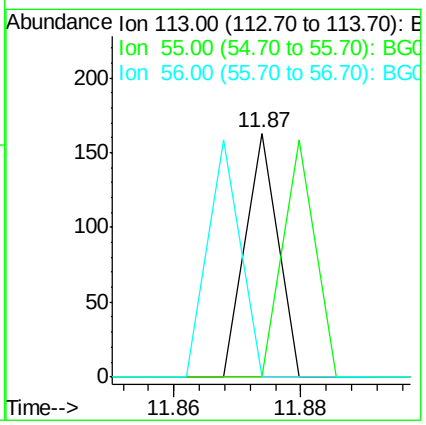


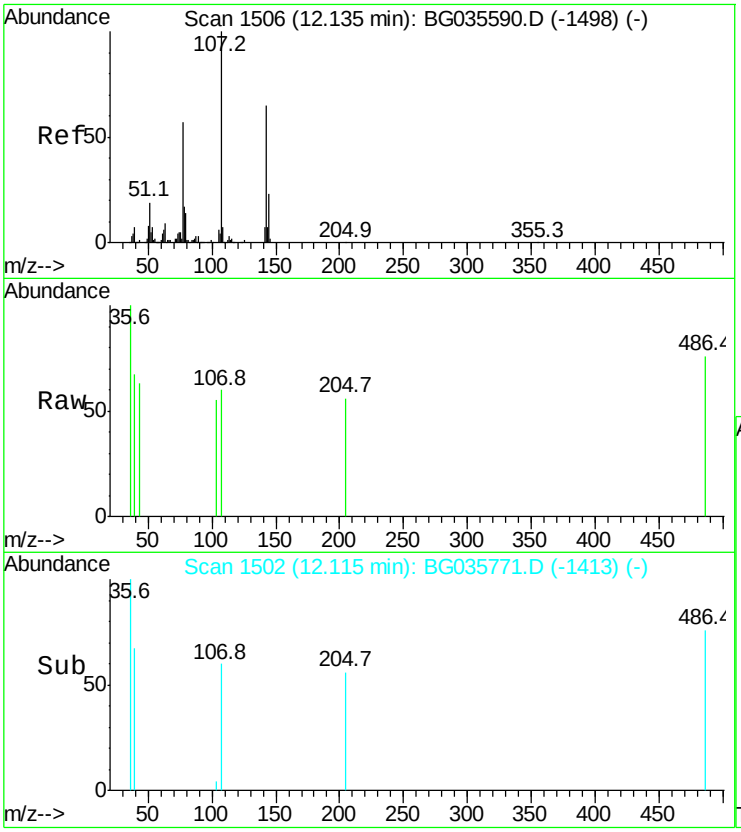


#35
Caprolactam
Concen: 0.051 ng
RT: 11.87 min Scan# 1461
Delta R.T. 0.10 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Tgt Ion:113 Resp: 57

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



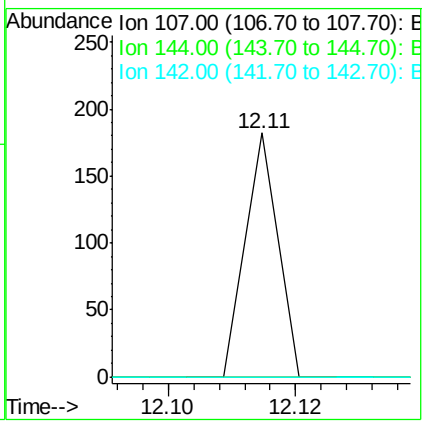


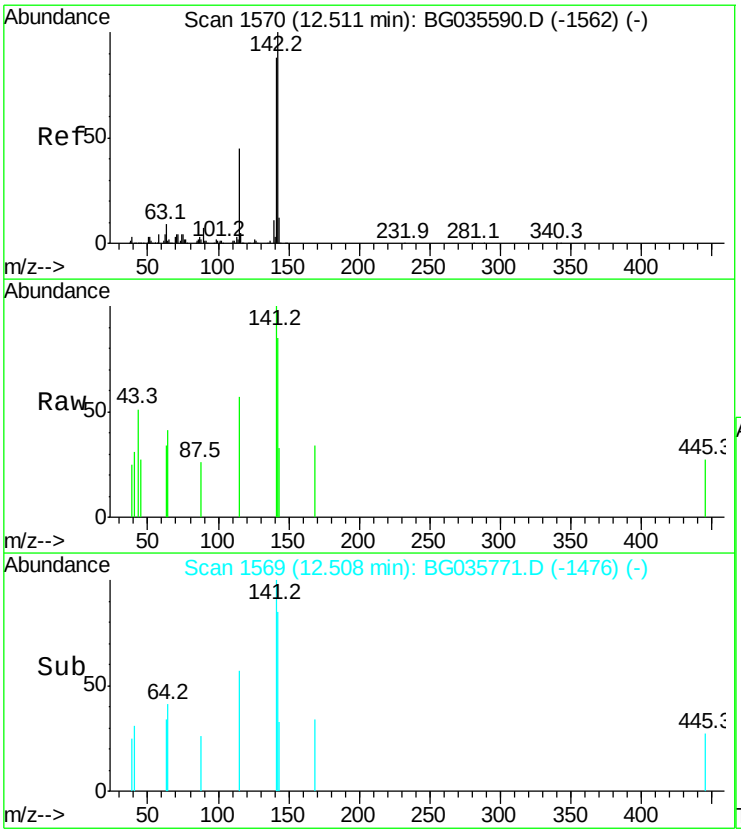
#36
4-Chloro-3-methylphenol
Concen: 0.018 ng
RT: 12.11 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Instrument :
BNA_G
ClientSampleId :
161-TP-1

Tgt Ion:107 Resp: 64

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

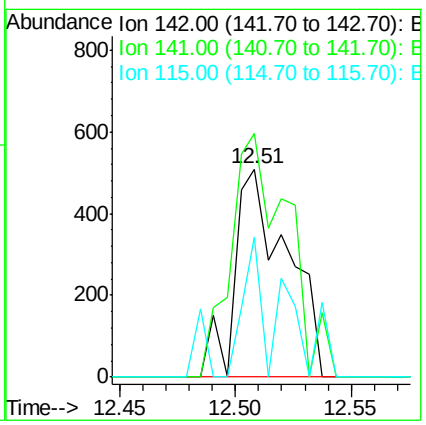


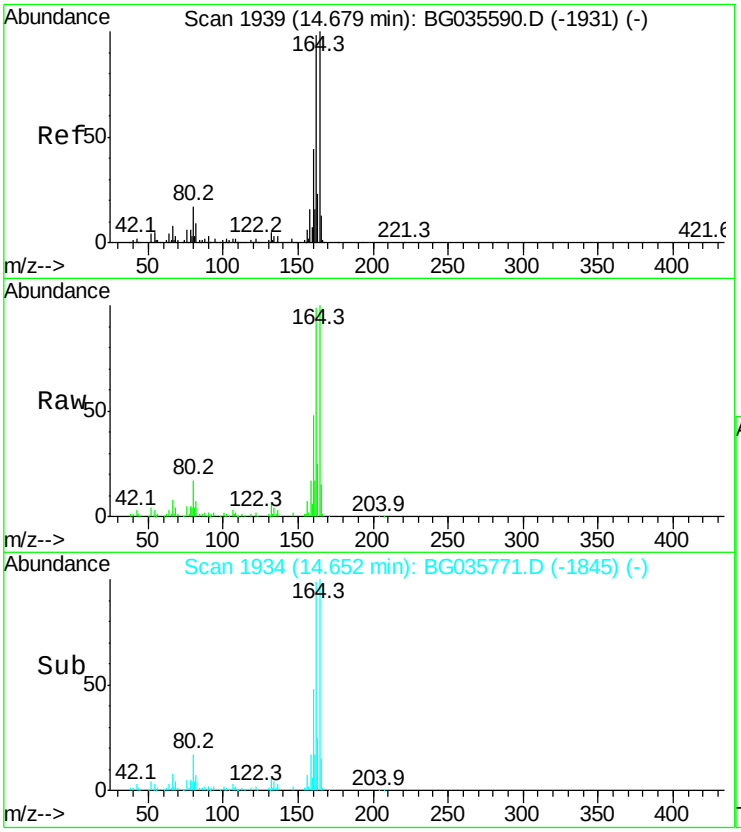


#37
2-Methylnaphthalene
Concen: 0.130 ng
RT: 12.51 min Scan# 1569
Delta R.T. 0.01 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Tgt Ion:142 Resp: 801

Ion	Ratio	Lower	Upper
142	100		
141	117.1	67.1	100.7#
115	67.2	30.7	46.1#



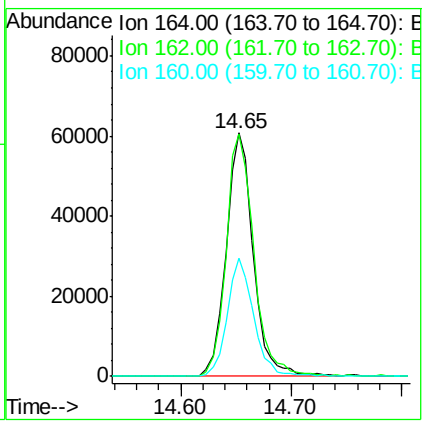


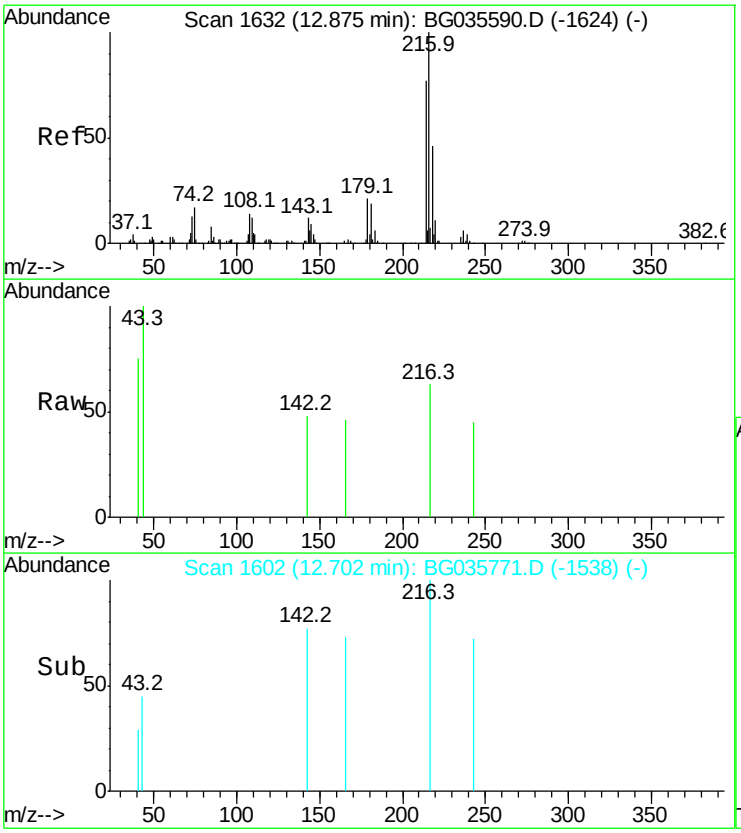
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Instrument :
BNA_G
ClientSampleId :
161-TP-1

Tgt Ion:164 Resp: 103729

Ion	Ratio	Lower	Upper
164	100		
162	99.3	78.8	118.2
160	48.3	35.4	53.0

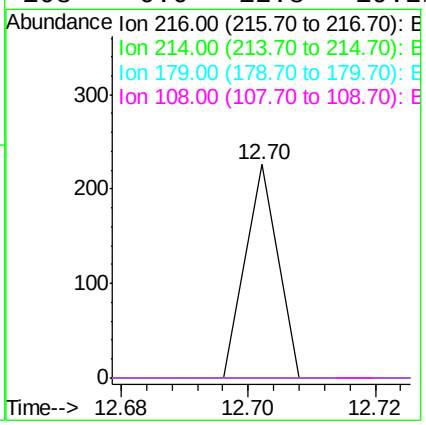


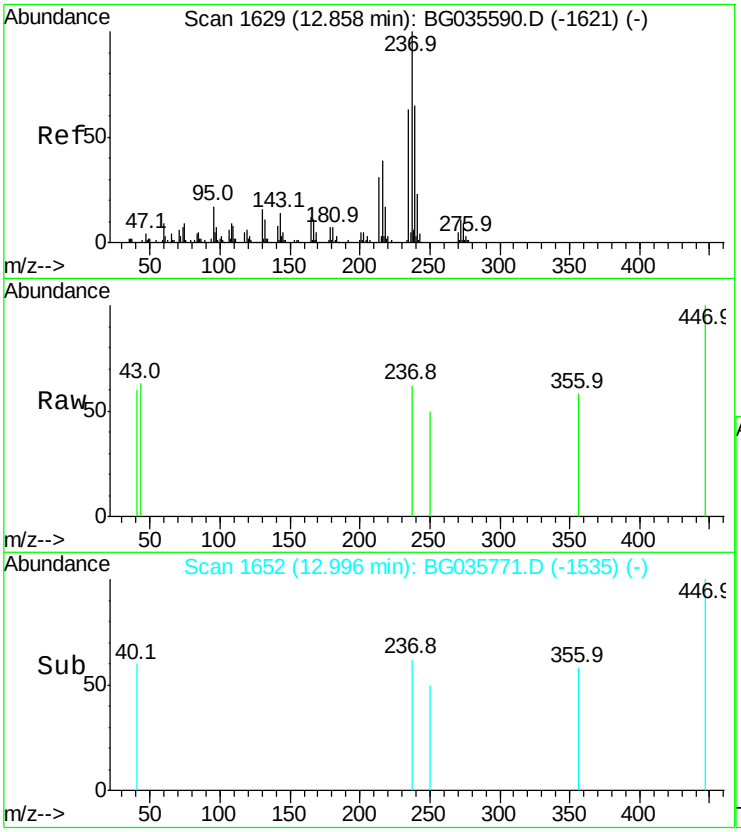


#39
1,2,4,5-Tetrachlorobenzene
Concen: 0.020 ng
RT: 12.70 min Scan# 1602
Delta R.T. -0.16 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Tgt Ion:216 Resp: 80

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



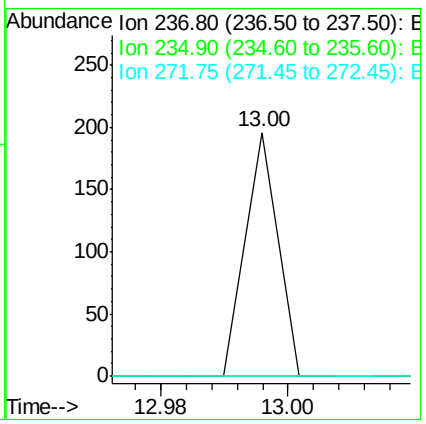


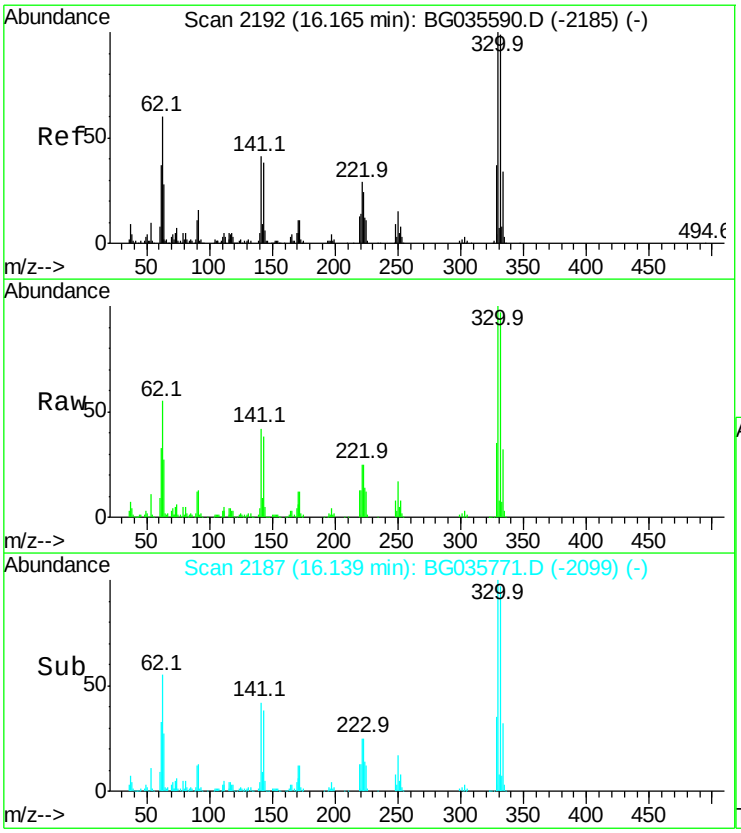
#40
Hexachlorocyclopentadiene
Concen: 0.034 ng
RT: 13.00 min Scan# 1652
Delta R.T. 0.16 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Instrument :
BNA_G
ClientSampleId :
161-TP-1

Tgt Ion:237 Resp: 69

Ion	Ratio	Lower	Upper
237	100		
235	0.0	50.4	90.4#
272	0.0	0.0	31.8

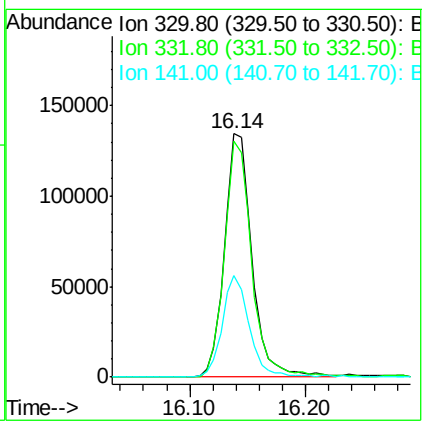


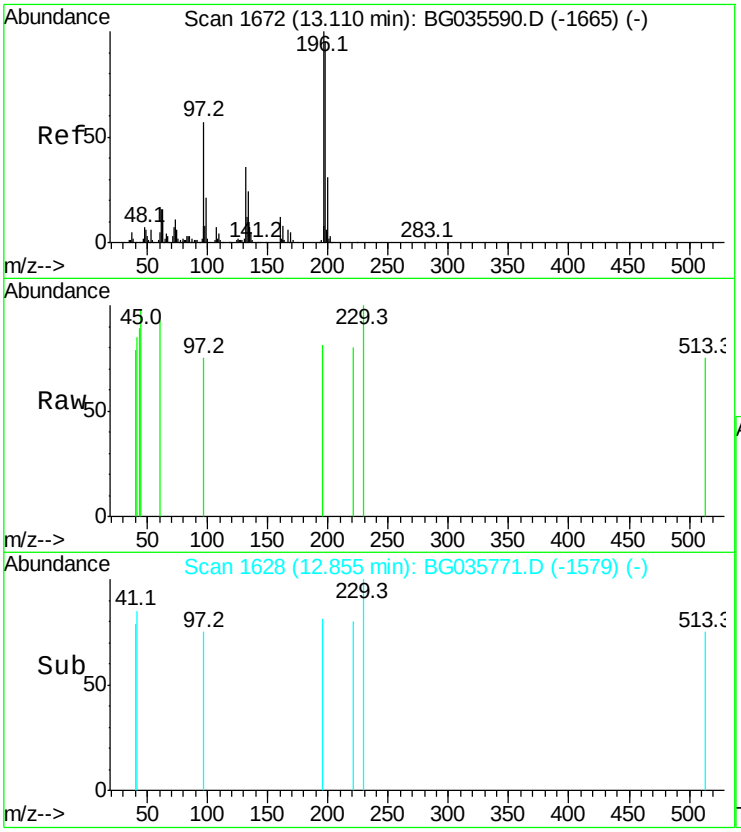


#41
2,4,6-Tribromophenol
Concen: 162.470 ng
RT: 16.14 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Tgt Ion:330 Resp: 222132

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	40.4	25.2	37.8#



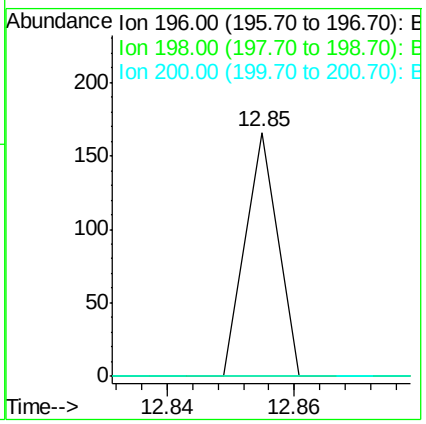


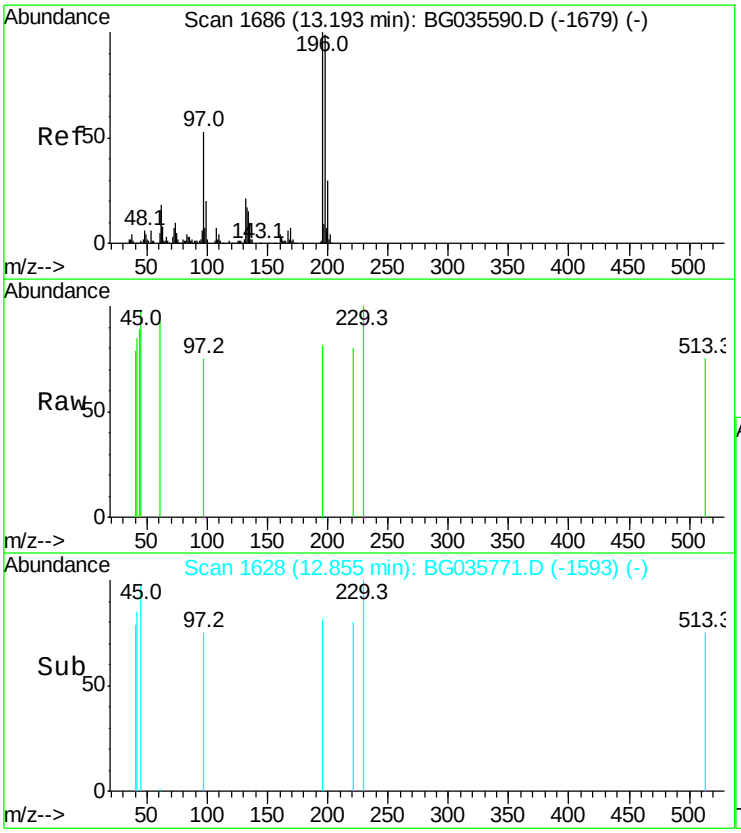
#42
2,4,6-Trichlorophenol
Concen: 0.026 ng
RT: 12.85 min Scan# 1628
Delta R.T. -0.24 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Instrument :
BNA_G
ClientSampleId :
161-TP-1

Tgt Ion:196 Resp: 59

Ion	Ratio	Lower	Upper
196	100		
198	0.0	78.2	117.2#
200	0.0	24.6	36.8#

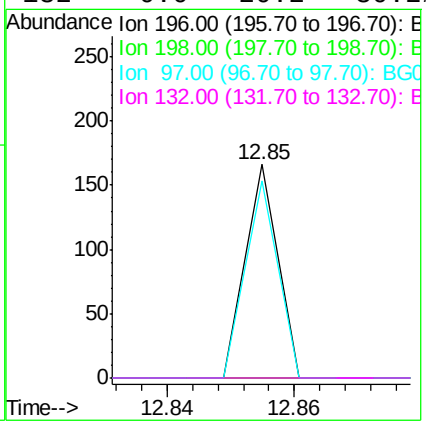


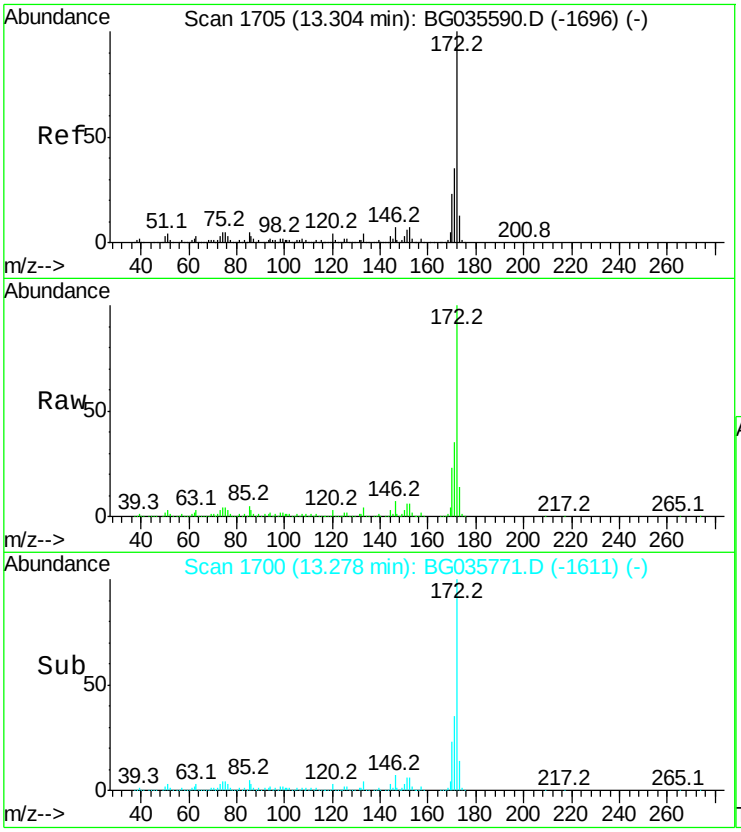


#43
2,4,5-Trichlorophenol
Concen: 0.023 ng
RT: 12.85 min Scan# 1628
Delta R.T. -0.33 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Tgt Ion:196 Resp: 59

Ion	Ratio	Lower	Upper
196	100		
198	0.0	76.2	114.4#
97	92.2	38.7	58.1#
132	0.0	20.2	30.2#



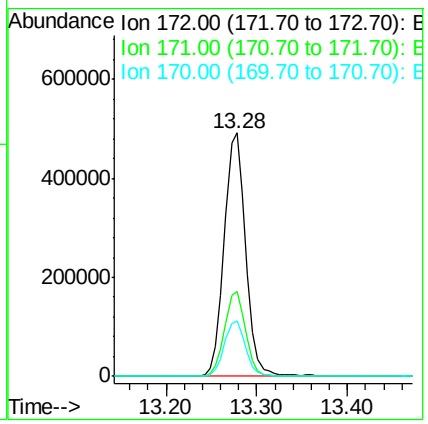


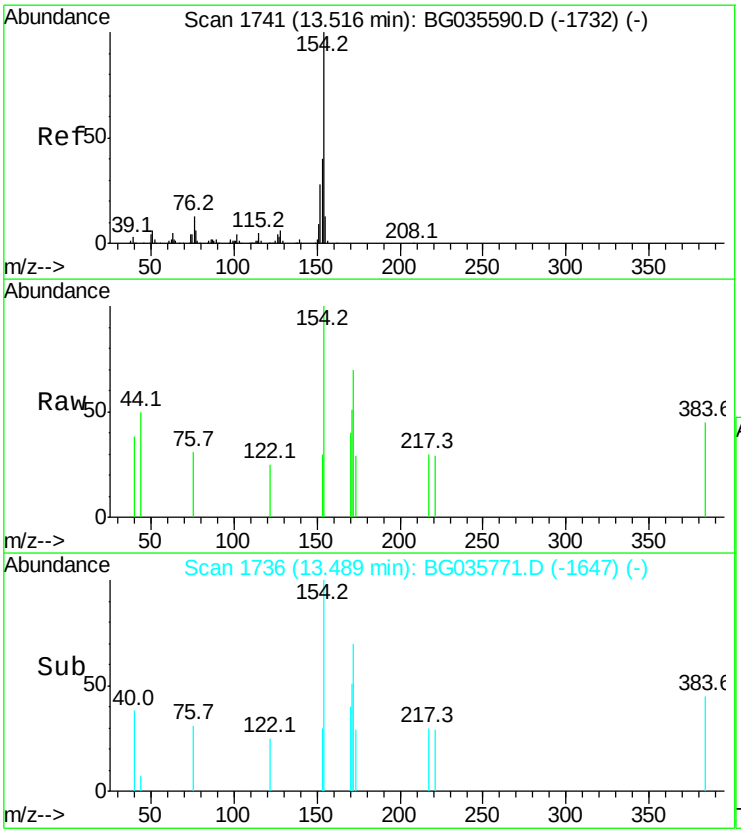
#44
2-Fluorobiphenyl
Concen: 104.074 ng
RT: 13.28 min Scan# 1700
Delta R.T. -0.01 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Instrument :
BNA_G
ClientSampleId :
161-TP-1

Tgt Ion:172 Resp: 805790

Ion	Ratio	Lower	Upper
172	100		
171	35.0	30.0	45.0
170	22.9	19.5	29.3

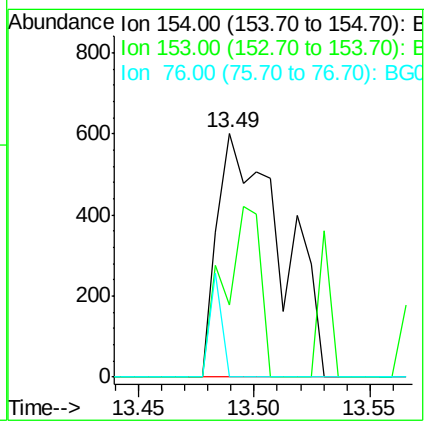


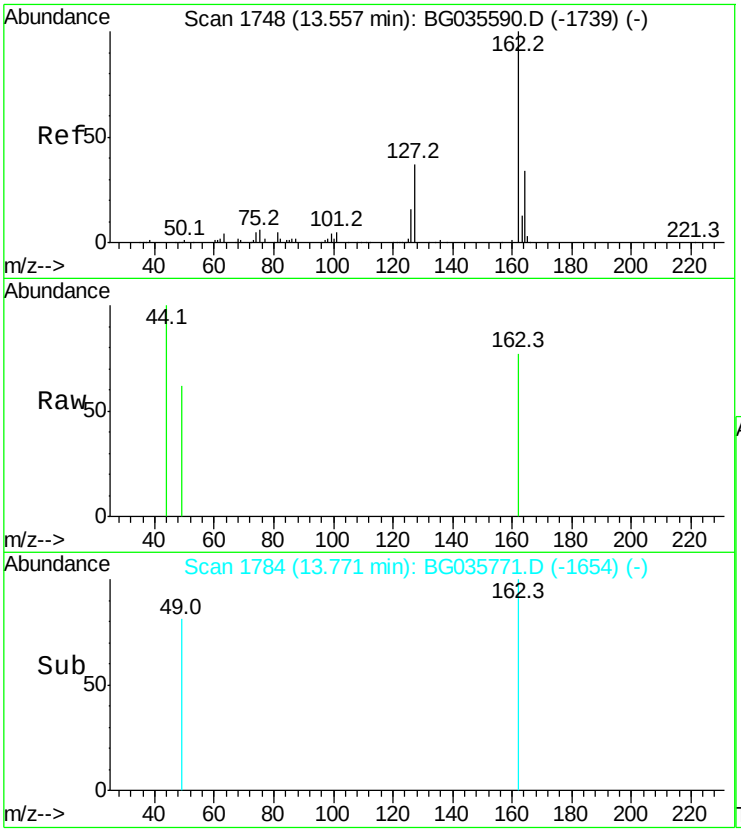


#45
1,1'-Biphenyl
Concen: 0.143 ng
RT: 13.49 min Scan# 1736
Delta R.T. -0.01 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Tgt Ion:154 Resp: 1153

Ion	Ratio	Lower	Upper
154	100		
153	29.6	19.8	59.8
76	0.0	0.0	31.9



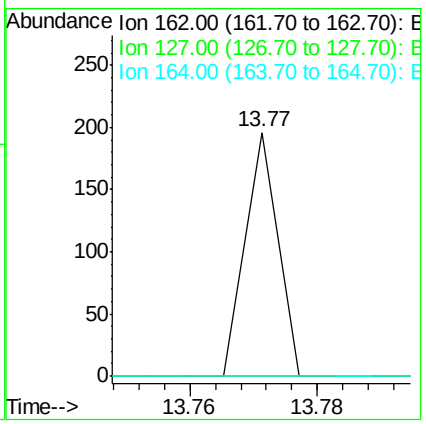


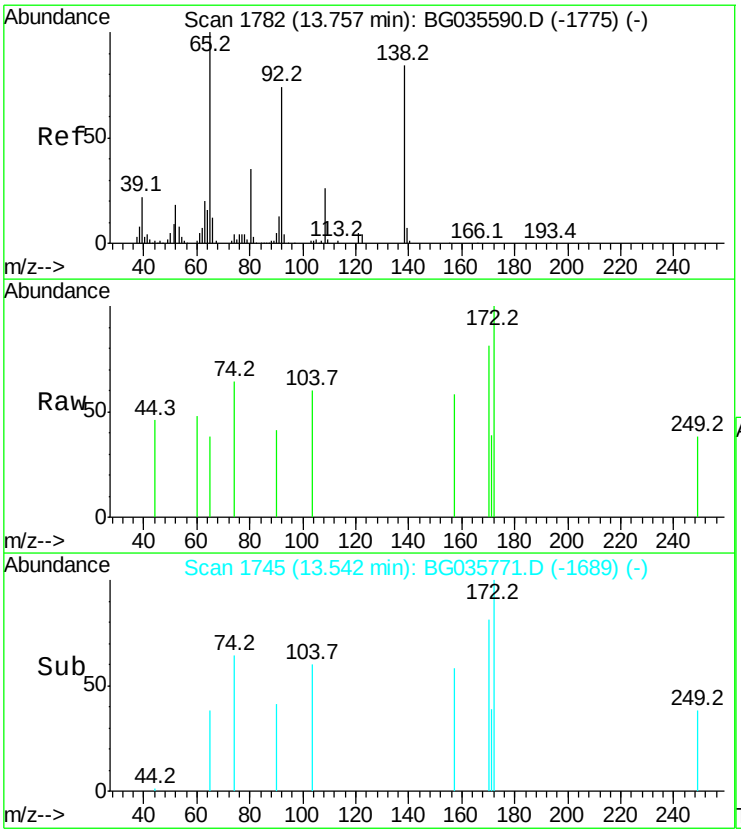
#46
2-Chloronaphthalene
Concen: 0.011 ng
RT: 13.77 min Scan# 1784
Delta R.T. 0.23 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Instrument :
BNA_G
ClientSampleId :
161-TP-1

Tgt Ion:162 Resp: 69

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

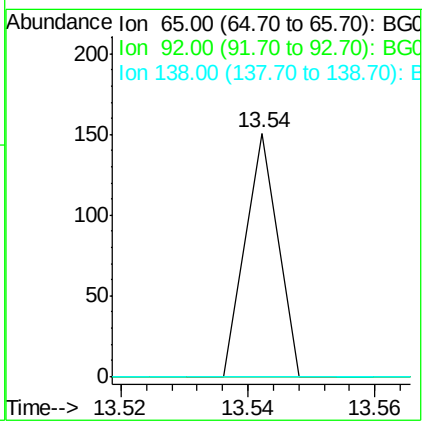


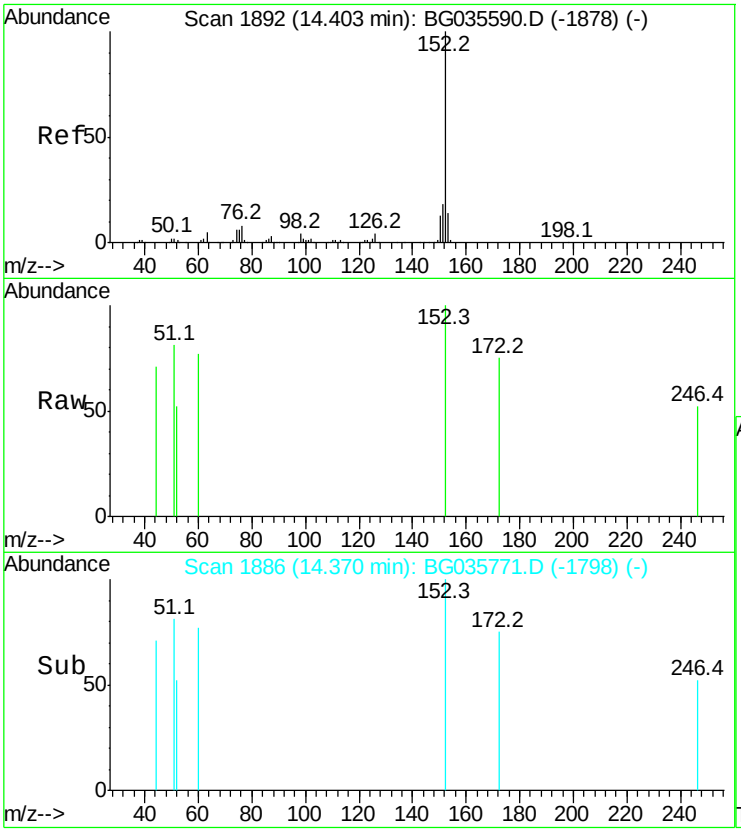


#47
2-Nitroaniline
Concen: 0.024 ng
RT: 13.54 min Scan# 1745
Delta R.T. -0.20 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Tgt Ion: 65 Resp: 53

Ion	Ratio	Lower	Upper
65	100		
92	0.0	54.6	82.0#
138	0.0	72.9	109.3#



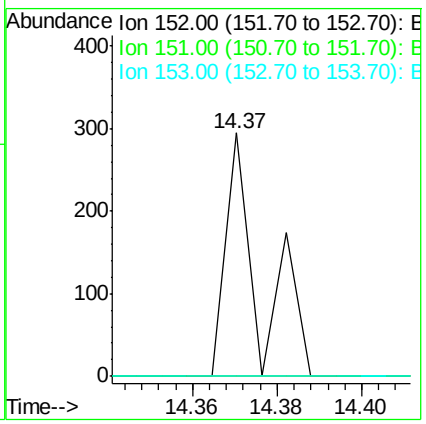


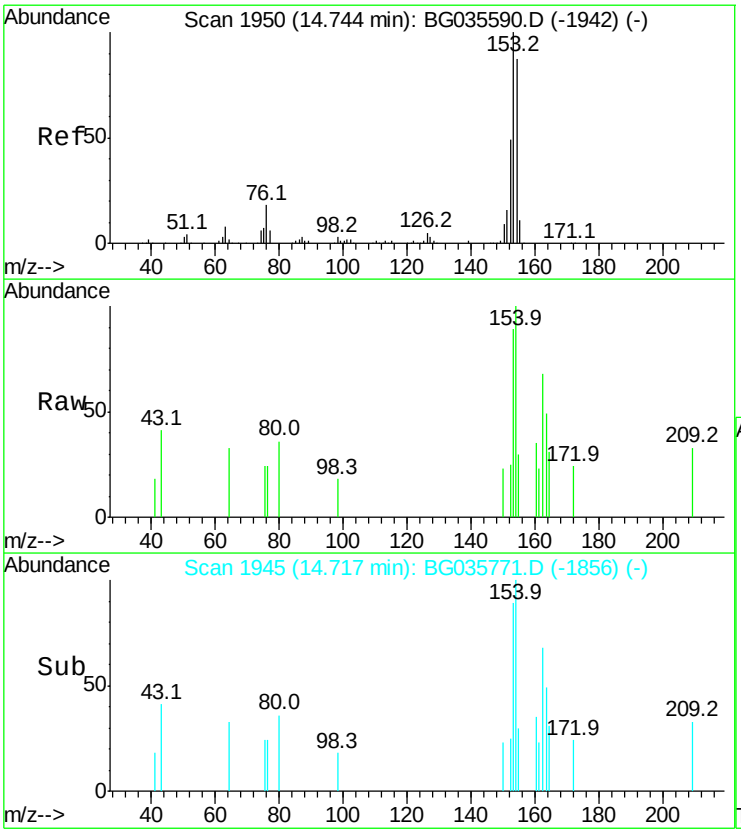
#48
Acenaphthylene
Concen: 0.016 ng
RT: 14.37 min Scan# 1886
Delta R.T. -0.01 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Instrument :
BNA_G
ClientSampleId :
161-TP-1

Tgt Ion:152 Resp: 165

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

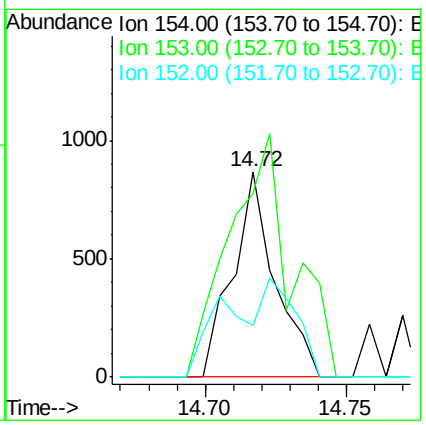


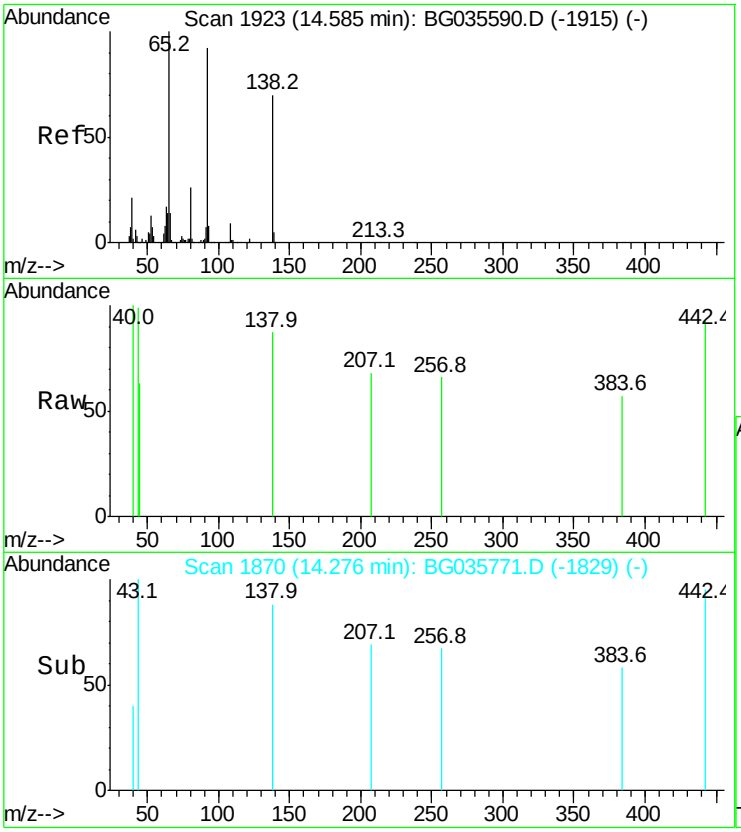


#51
Acenaphthene
Concen: 0.138 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Tgt Ion:154 Resp: 902

Ion	Ratio	Lower	Upper
154	100		
153	88.9	90.4	135.6#
152	24.9	41.6	62.4#



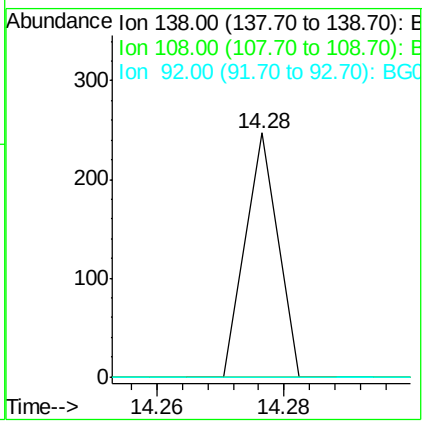


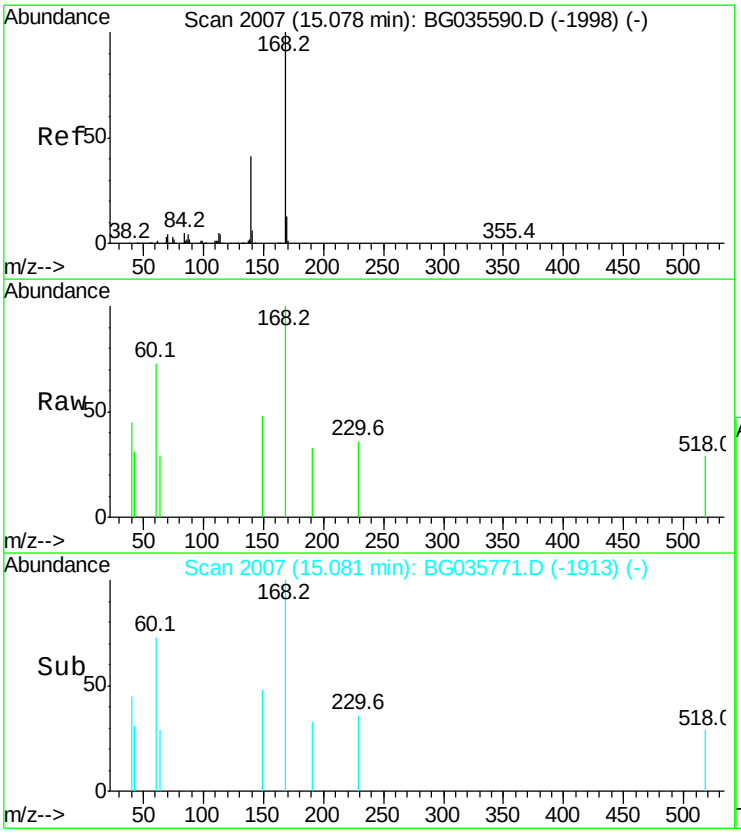
#52
3-Nitroaniline
Concen: 0.046 ng
RT: 14.28 min Scan# 1870
Delta R.T. -0.29 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Instrument :
BNA_G
ClientSampleId :
161-TP-1

Tgt Ion:138 Resp: 87

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

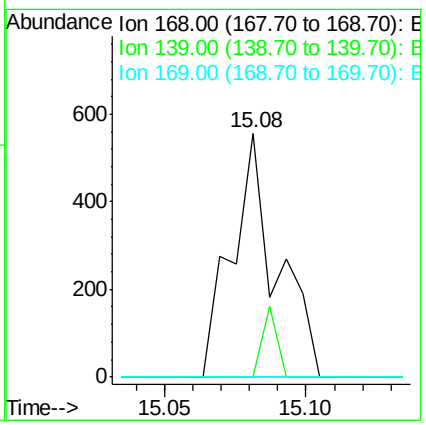


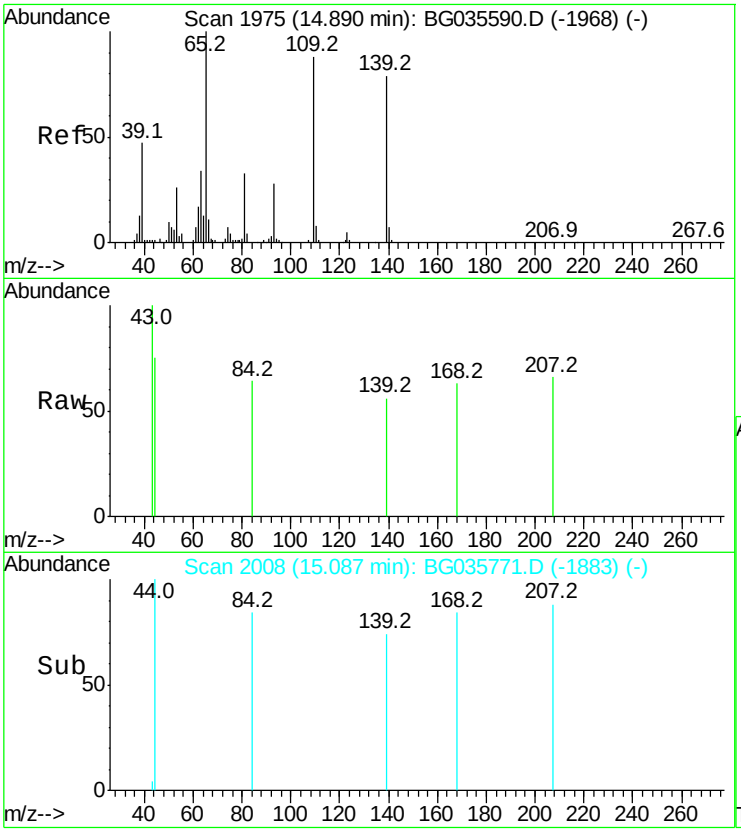


#54
Dibenzofuran
Concen: 0.059 ng
RT: 15.08 min Scan# 2007
Delta R.T. 0.02 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Tgt Ion:168 Resp: 609

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



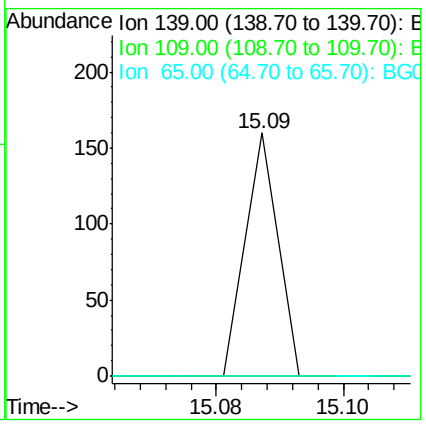


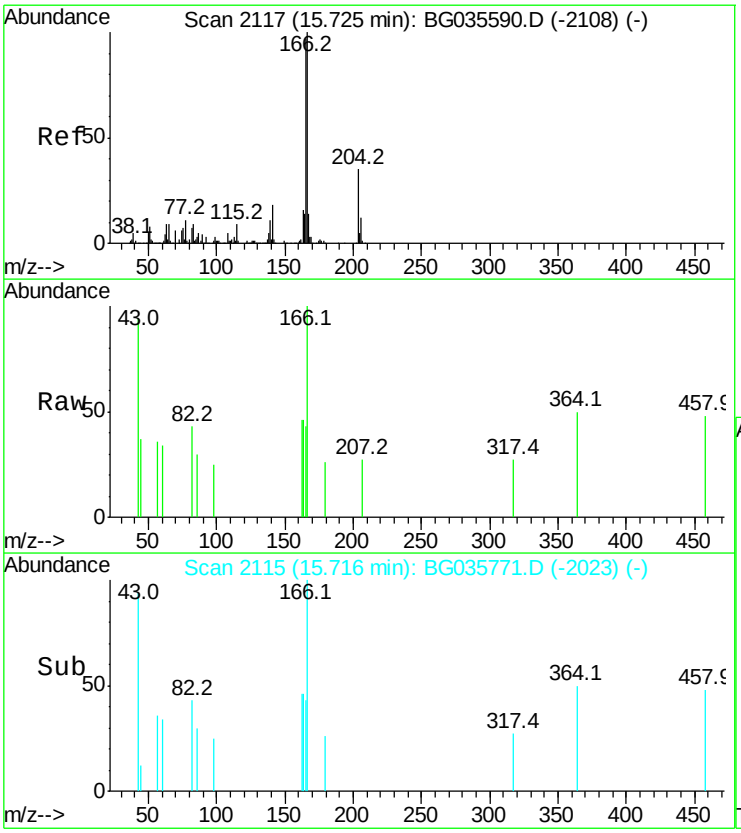
#55
4-Nitrophenol
Concen: 0.042 ng
RT: 15.09 min Scan# 2008
Delta R.T. 0.20 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Instrument :
BNA_G
ClientSampleId :
161-TP-1

Tgt Ion:139 Resp: 56

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

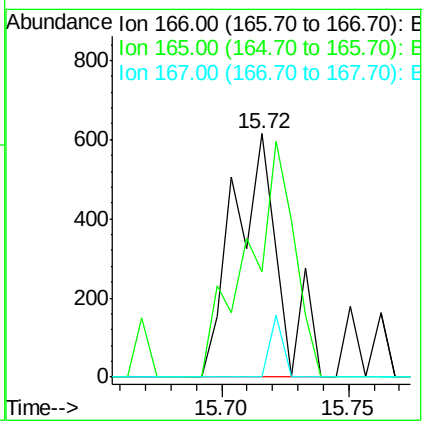


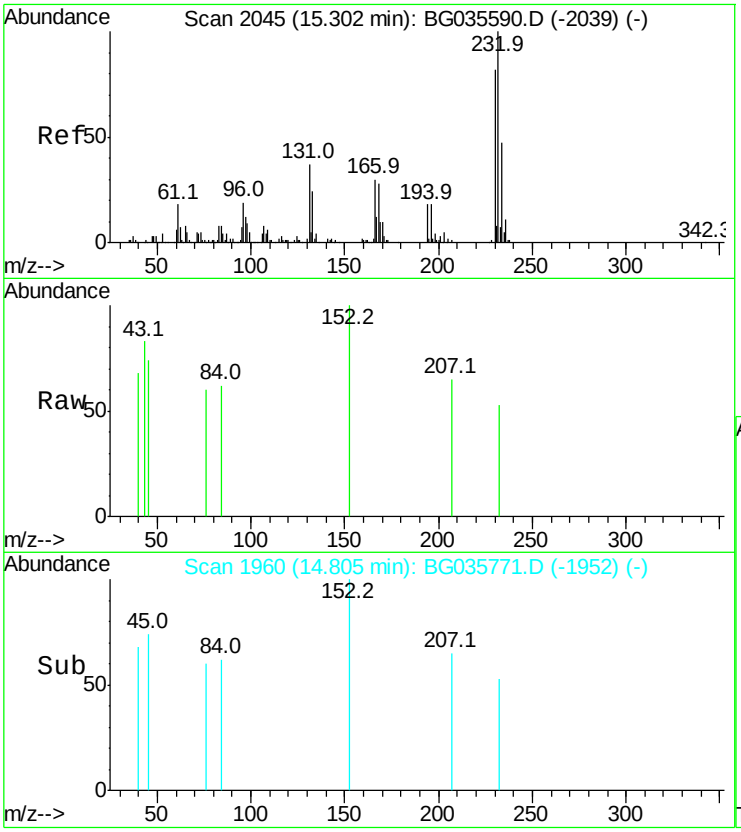


#57
Fluorene
Concen: 0.089 ng
RT: 15.72 min Scan# 2115
Delta R.T. 0.01 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Tgt Ion:166 Resp: 774

Ion	Ratio	Lower	Upper
166	100		
165	43.4	80.6	121.0#
167	0.0	10.4	15.6#



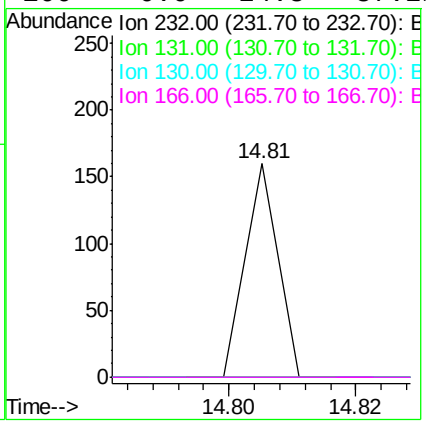


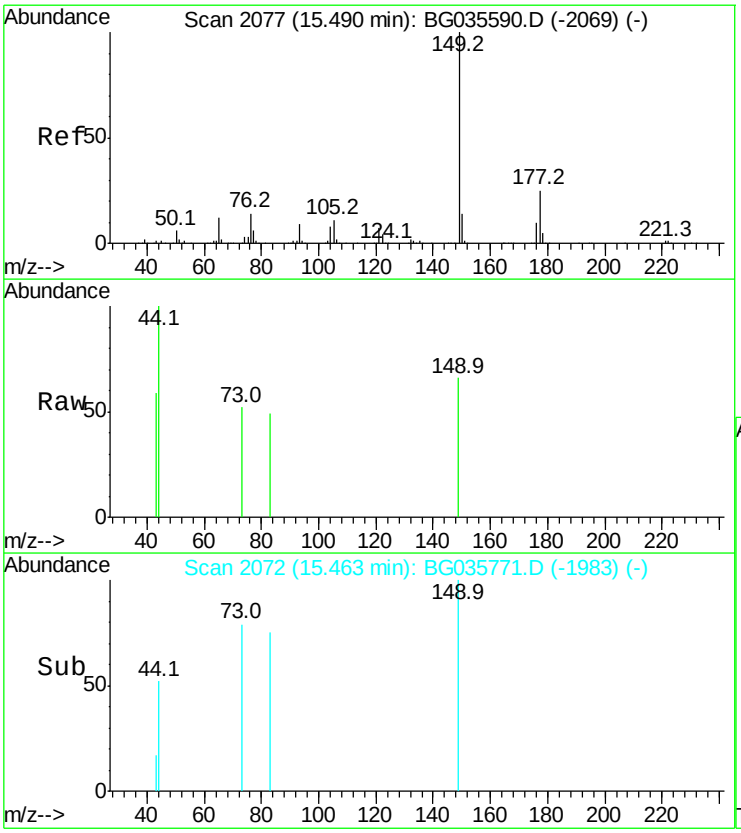
#58
2,3,4,6-Tetrachlorophenol
Concen: 0.023 ng
RT: 14.81 min Scan# 1960
Delta R.T. -0.48 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Instrument :
BNA_G
ClientSampleId :
161-TP-1

Tgt Ion:232 Resp: 56

Ion	Ratio	Lower	Upper
232	100		
131	0.0	33.5	50.3#
130	0.0	2.2	3.2#
166	0.0	24.8	37.2#

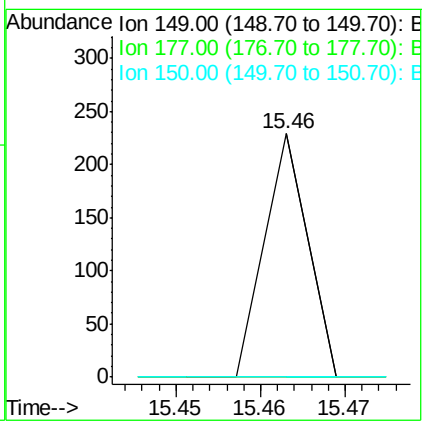


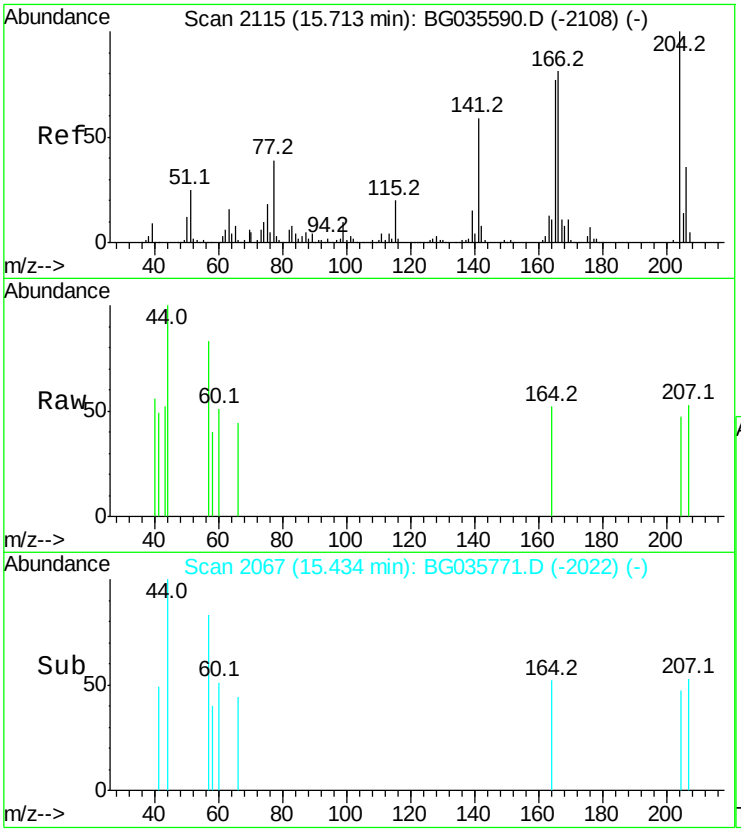


#59
Diethylphthalate
Concen: 0.009 ng
RT: 15.46 min Scan# 2072
Delta R.T. -0.01 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Tgt Ion:149 Resp: 81

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



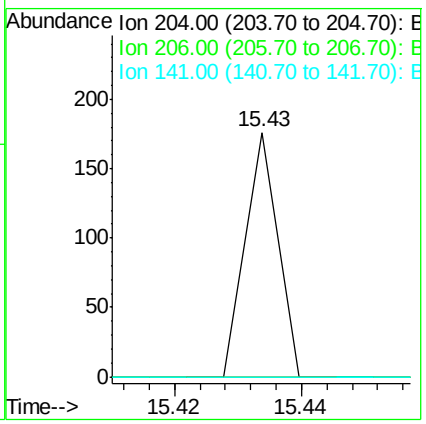


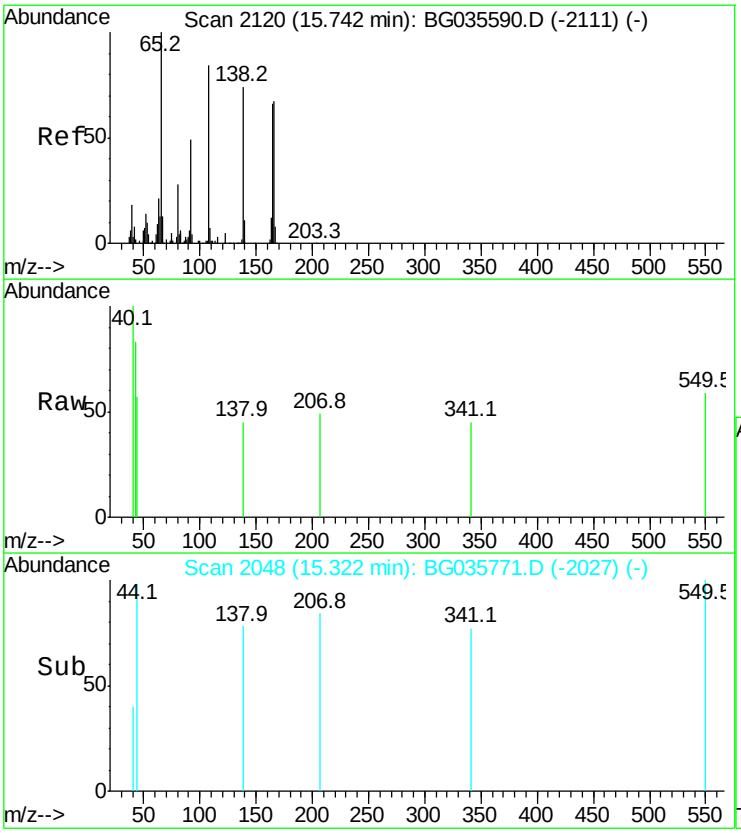
#60
4-Chlorophenyl-phenylether
Concen: 0.012 ng
RT: 15.43 min Scan# 2067
Delta R.T. -0.27 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Instrument :
BNA_G
ClientSampleId :
161-TP-1

Tgt Ion:204 Resp: 62

Ion	Ratio	Lower	Upper
204	100		
206	0.0	26.2	39.2#
141	0.0	45.8	68.6#

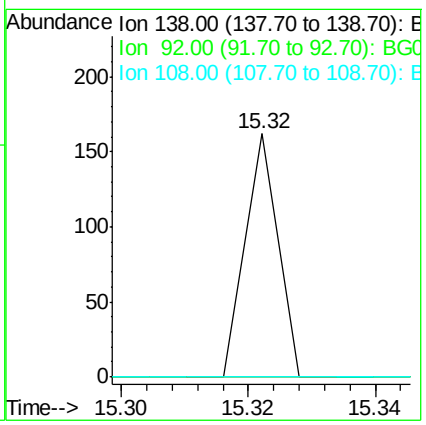


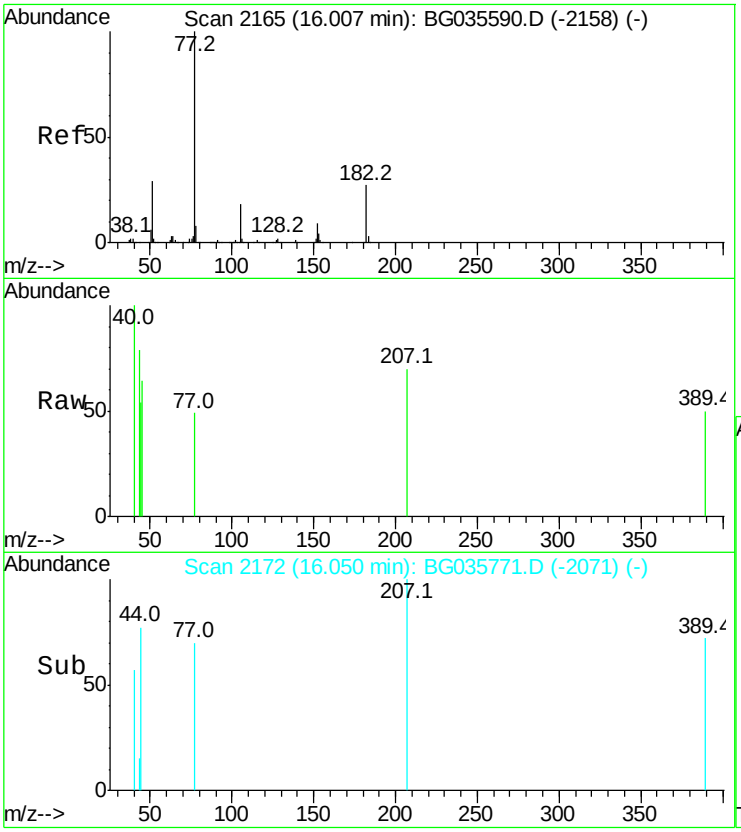


#61
4-Nitroaniline
Concen: 0.029 ng
RT: 15.32 min Scan# 2048
Delta R.T. -0.41 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Tgt Ion:138 Resp: 57

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



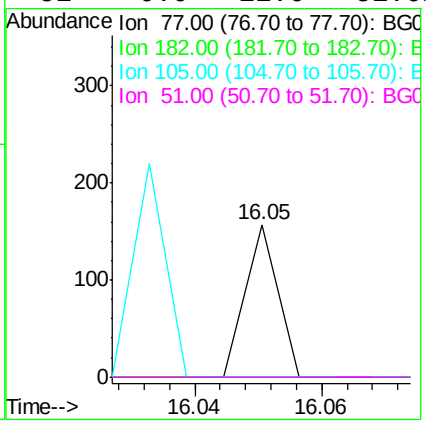


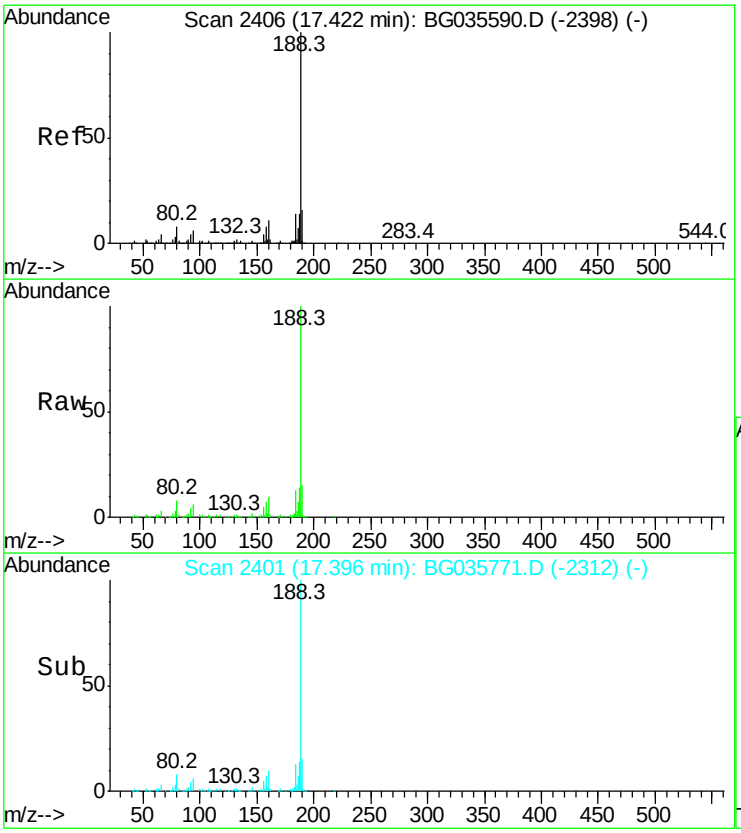
#62
Azobenzene
Concen: 0.006 ng
RT: 16.05 min Scan# 2172
Delta R.T. 0.06 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Instrument :
BNA_G
ClientSampleId :
161-TP-1

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#

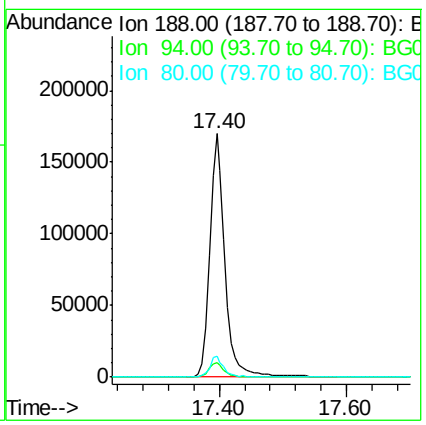


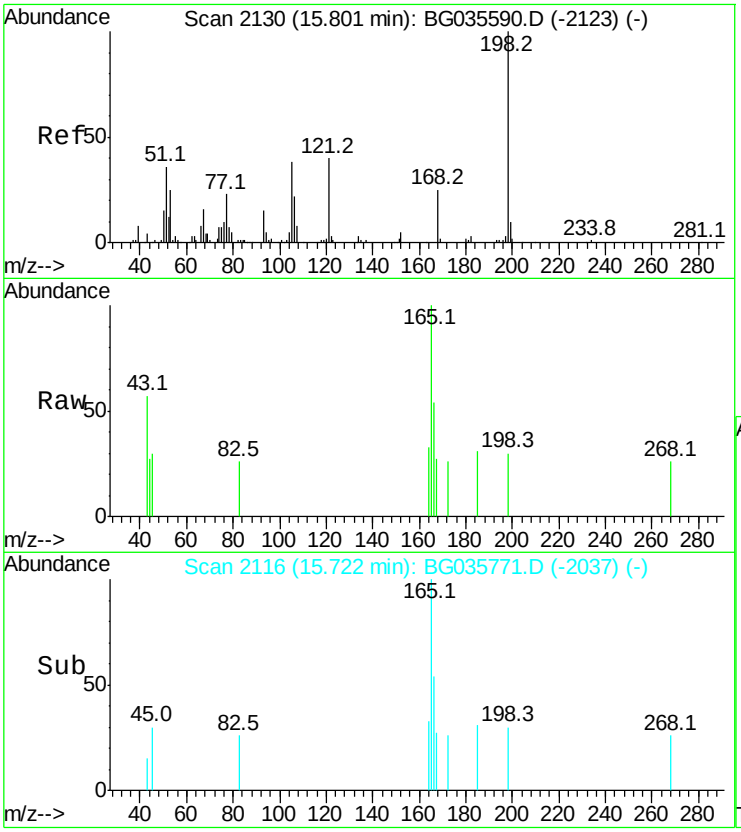


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Tgt Ion:188 Resp: 287689

Ion	Ratio	Lower	Upper
188	100		
94	6.1	6.9	10.3#
80	8.3	7.7	11.5



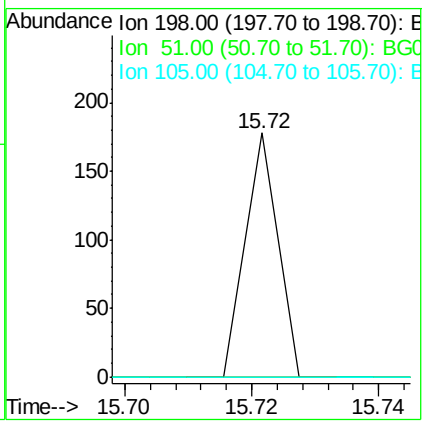


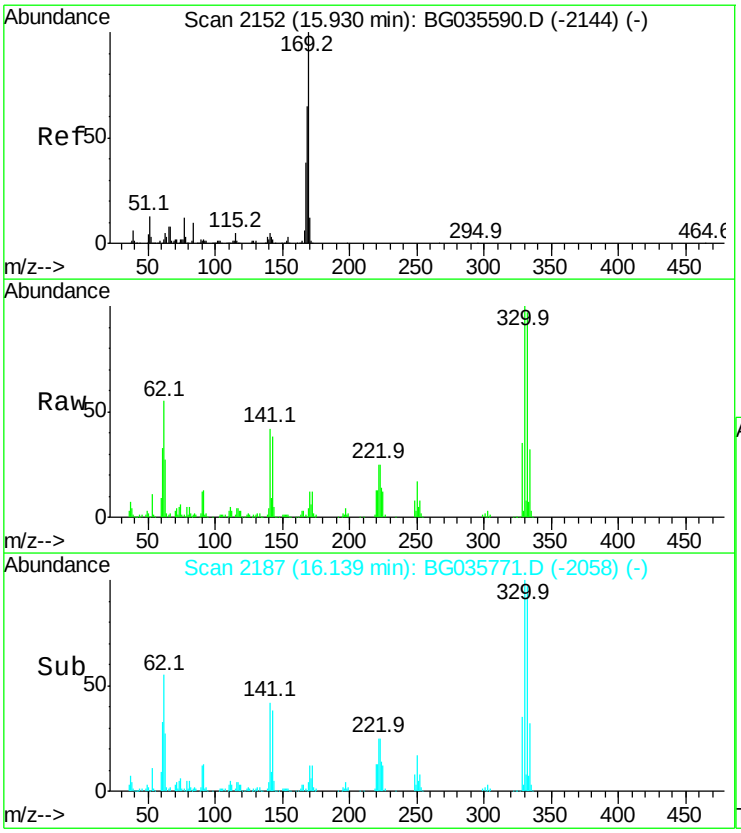
#64
4,6-Dinitro-2-methylphenol
Concen: 0.039 ng
RT: 15.72 min Scan# 2116
Delta R.T. -0.07 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Instrument :
BNA_G
ClientSampleId :
161-TP-1

Tgt Ion:198 Resp: 63

Ion	Ratio	Lower	Upper
198	100		
51	0.0	30.6	70.6#
105	0.0	23.8	63.8#

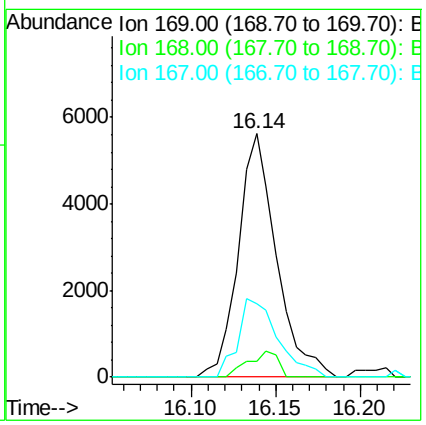


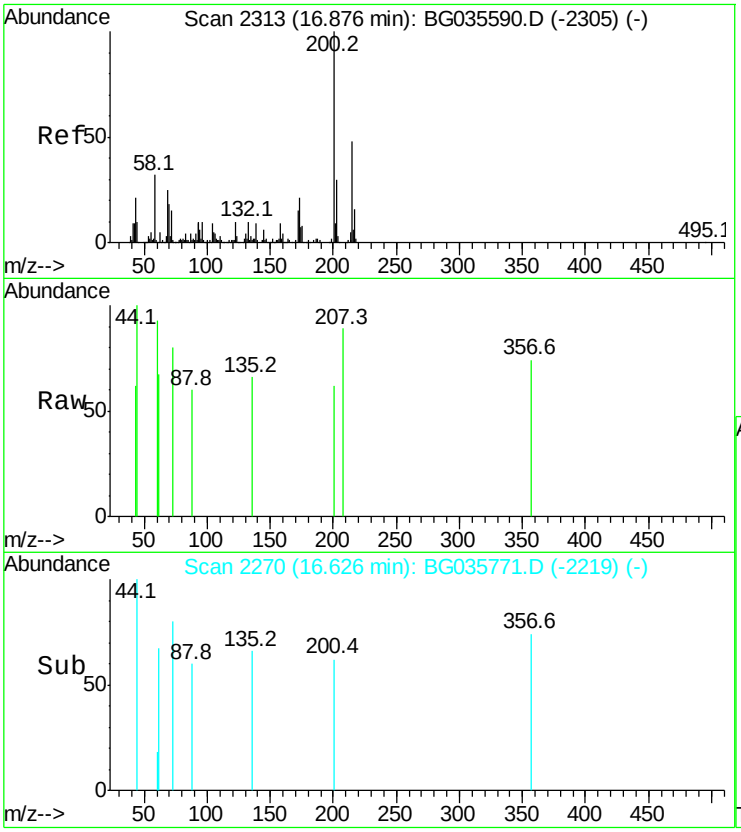


#65
n-Nitrosodiphenylamine
Concen: 1.077 ng
RT: 16.14 min Scan# 2187
Delta R.T. 0.23 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Tgt Ion:169 Resp: 8819

Ion	Ratio	Lower	Upper
169	100		
168	6.6	55.7	83.5#
167	30.4	30.1	45.1



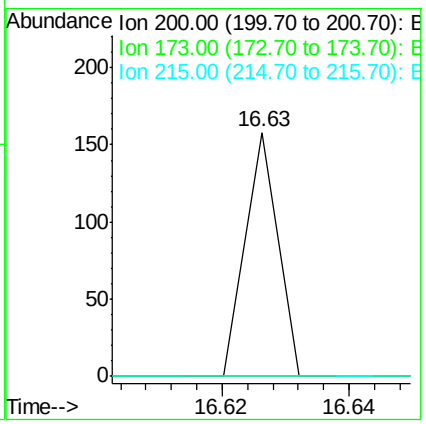


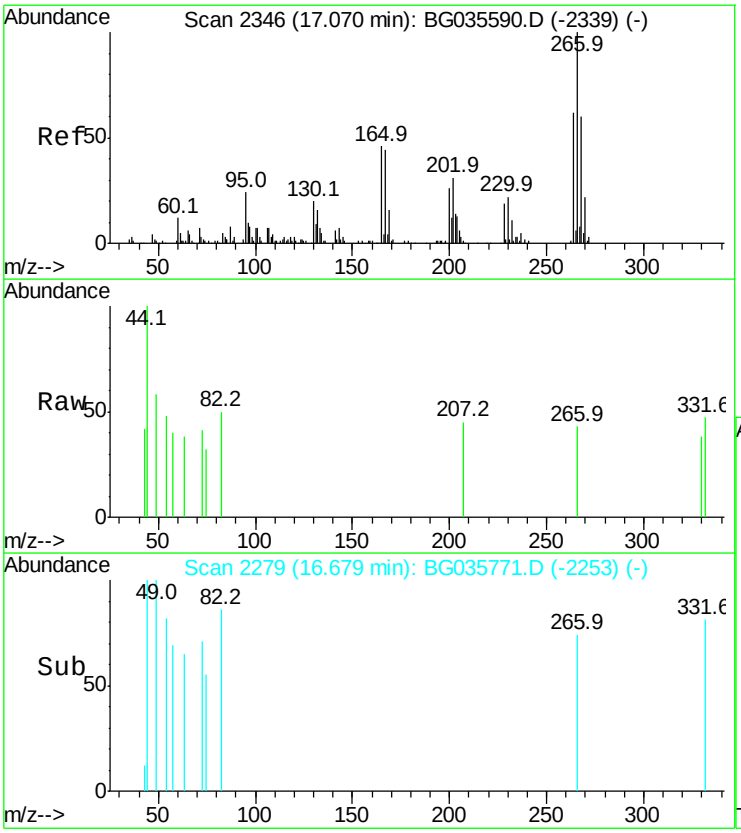
#68
Atrazine
Concen: 0.017 ng
RT: 16.63 min Scan# 2270
Delta R.T. -0.23 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Instrument :
BNA_G
ClientSampleId :
161-TP-1

Tgt Ion:200 Resp: 56

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

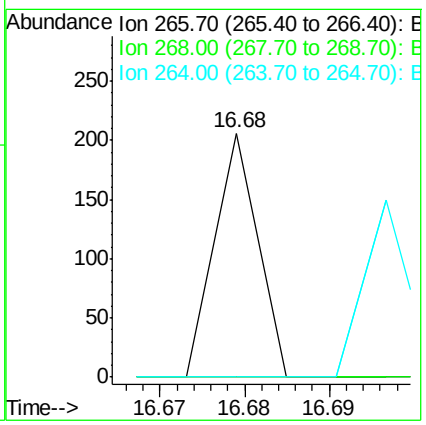


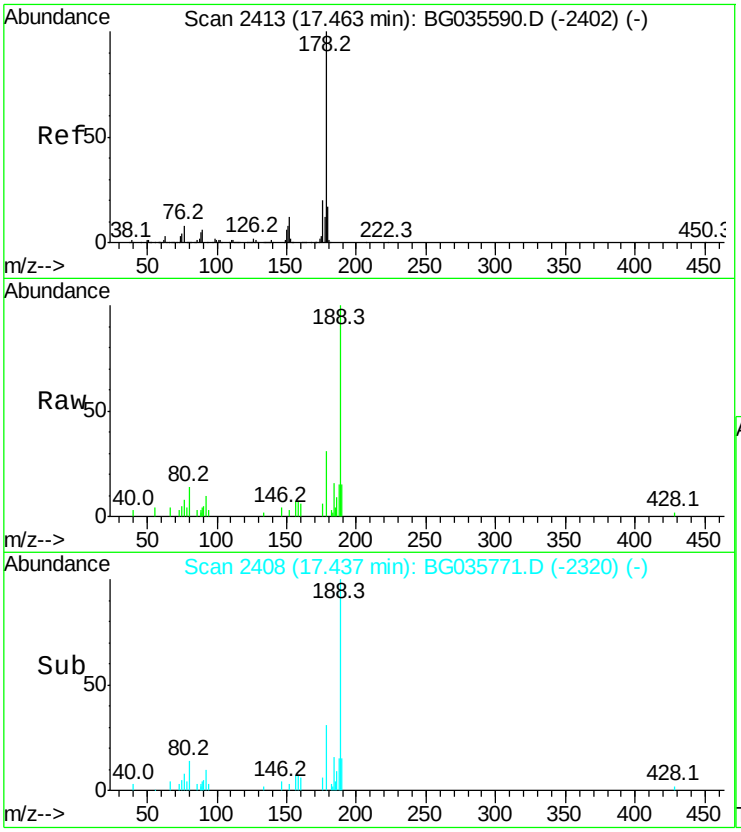


#69
Pentachlorophenol
Concen: 0.035 ng
RT: 16.68 min Scan# 2279
Delta R.T. -0.38 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Tgt Ion:266 Resp: 73

Ion	Ratio	Lower	Upper
266	100		
268	0.0	51.1	76.7#
264	0.0	49.6	74.4#



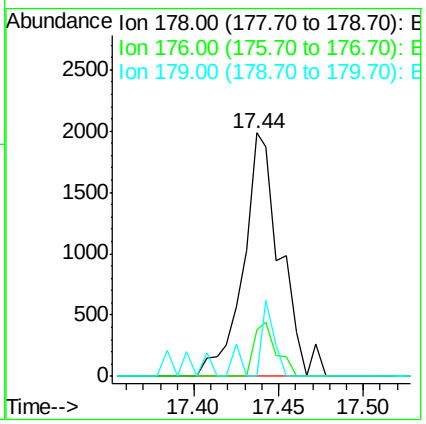


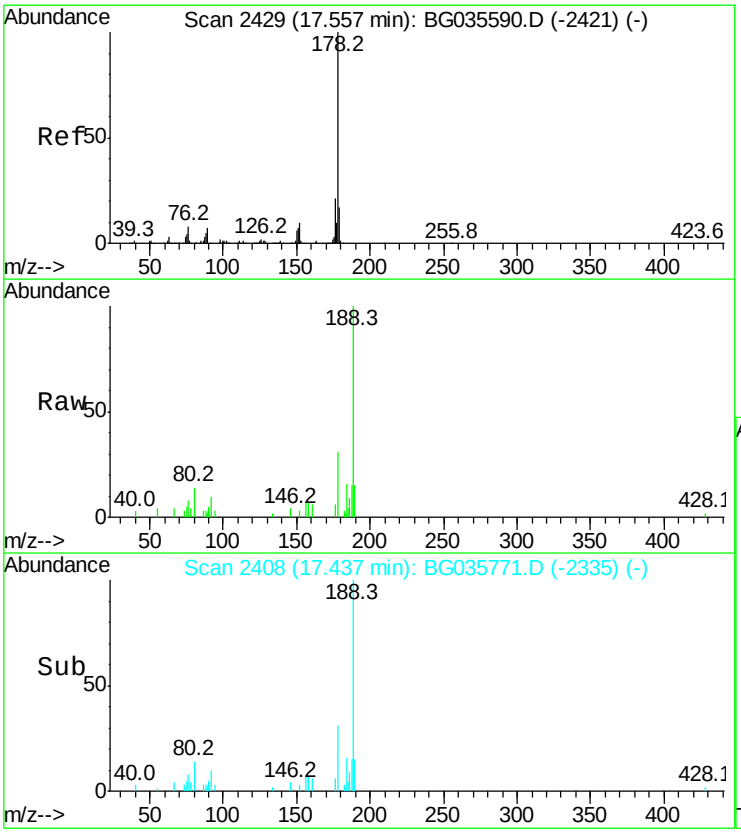
#70
Phenanthrene
Concen: 0.210 ng
RT: 17.44 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Instrument :
BNA_G
ClientSampleId :
161-TP-1

Tgt Ion:178 Resp: 3019

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.7	23.5
179	0.0	12.5	18.7#

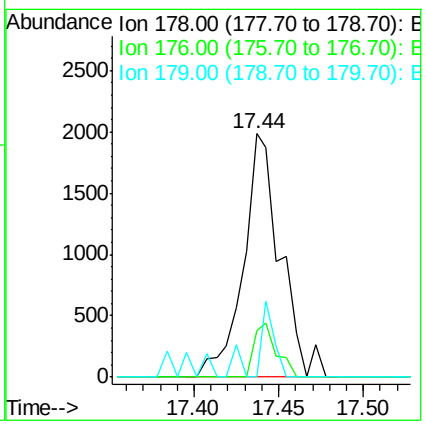


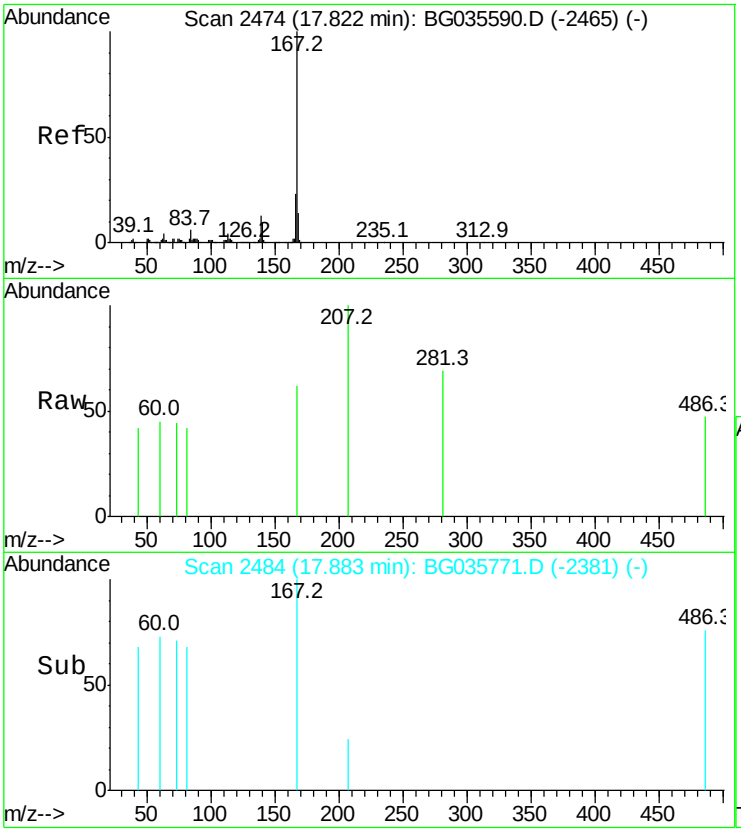


#71
Anthracene
Concen: 0.211 ng
RT: 17.44 min Scan# 2408
Delta R.T. -0.10 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Tgt Ion:178 Resp: 3019

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.0	24.0
179	0.0	12.5	18.7#



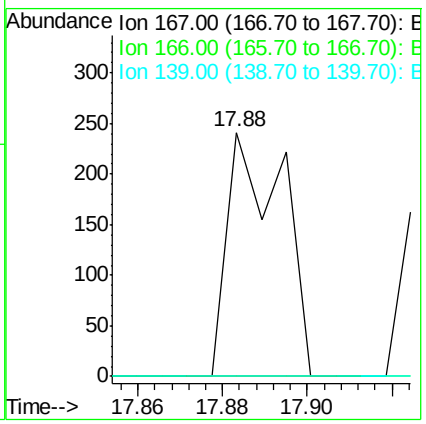


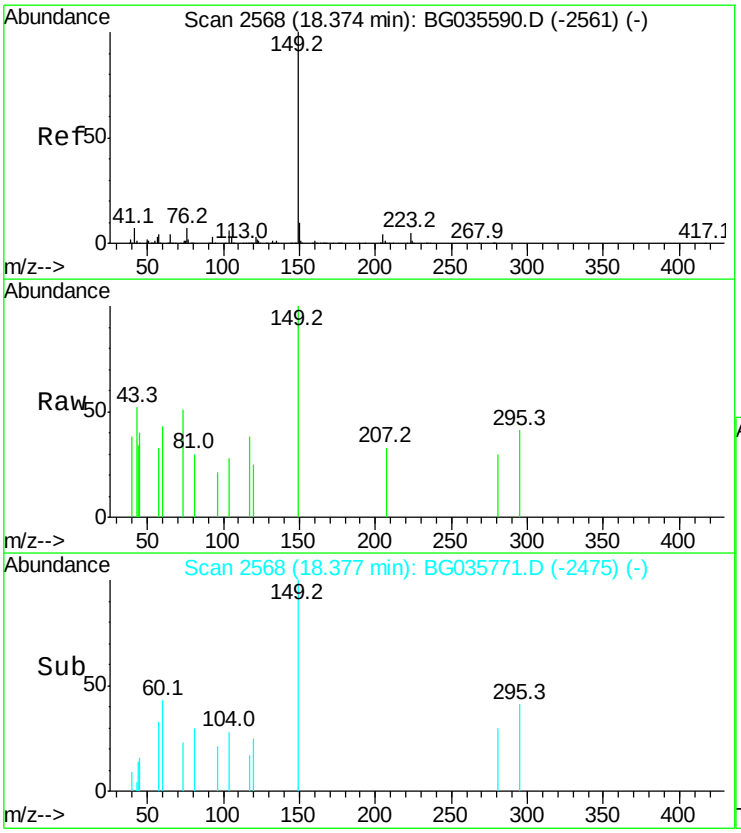
#72
Carbazole
Concen: 0.016 ng
RT: 17.88 min Scan# 2484
Delta R.T. 0.07 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Instrument :
BNA_G
ClientSampleId :
161-TP-1

Tgt Ion:167 Resp: 218

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

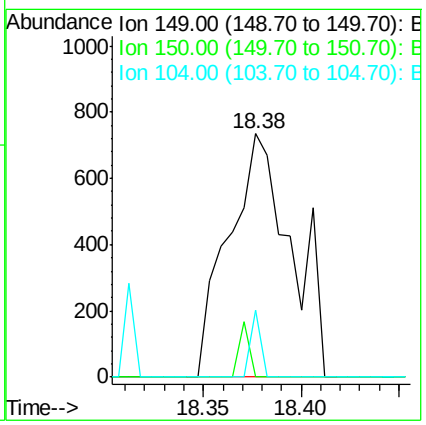


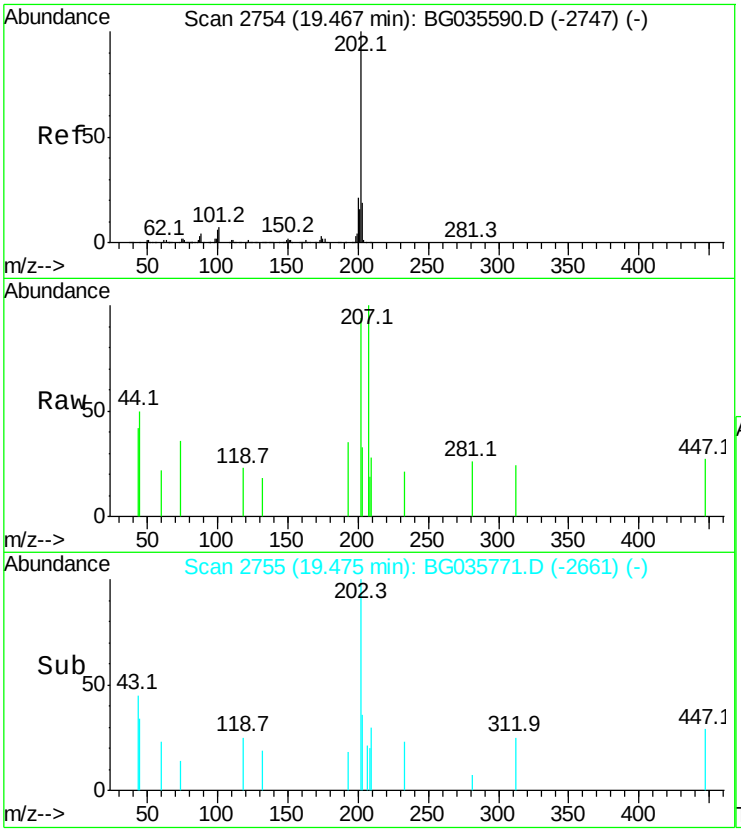


#73
Di-n-butylphthalate
Concen: 0.101 ng
RT: 18.38 min Scan# 2568
Delta R.T. 0.01 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Tgt Ion:149 Resp: 1627

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.8	11.6#
104	27.6	3.9	5.9#



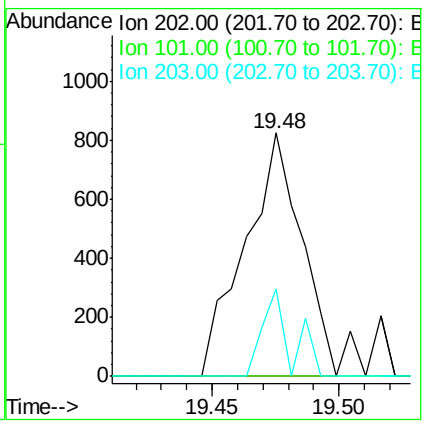


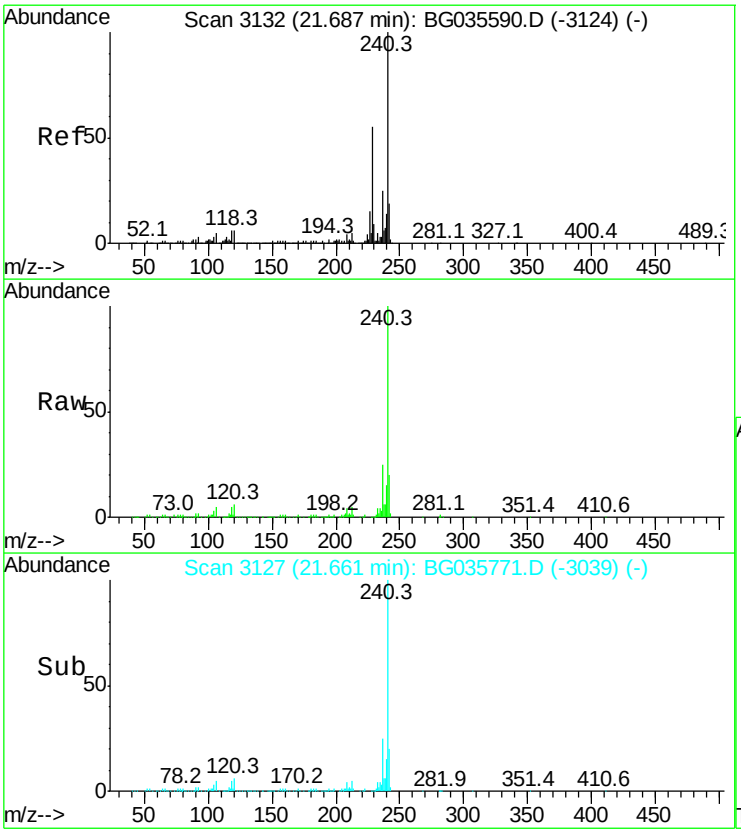
#74
Fluoranthene
Concen: 0.066 ng
RT: 19.48 min Scan# 2755
Delta R.T. 0.02 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Instrument :
BNA_G
ClientSampleId :
161-TP-1

Tgt Ion:202 Resp: 1283

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	28.9
203	35.6	0.0	37.5

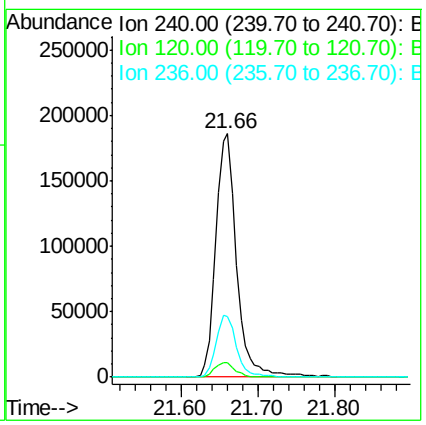


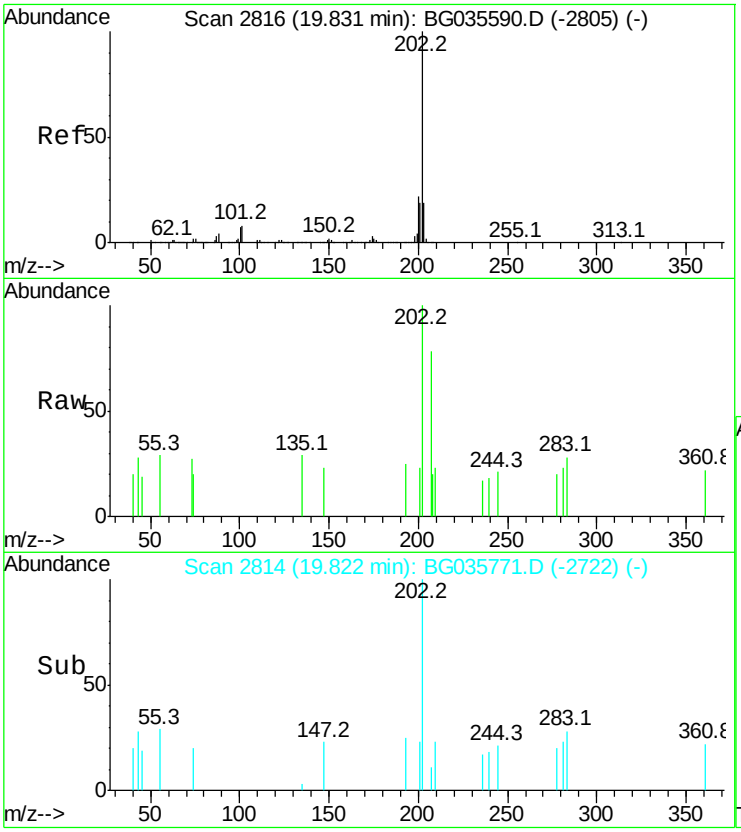


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Tgt Ion:240 Resp: 345068

Ion	Ratio	Lower	Upper
240	100		
120	6.1	6.8	10.2#
236	25.1	20.9	31.3



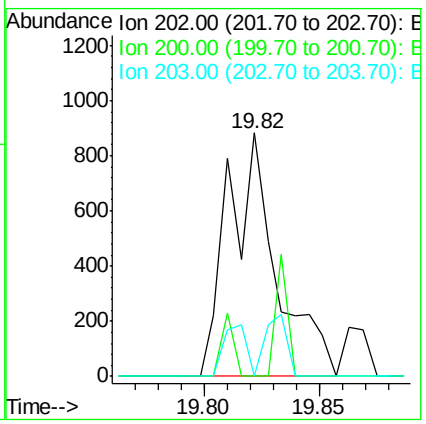


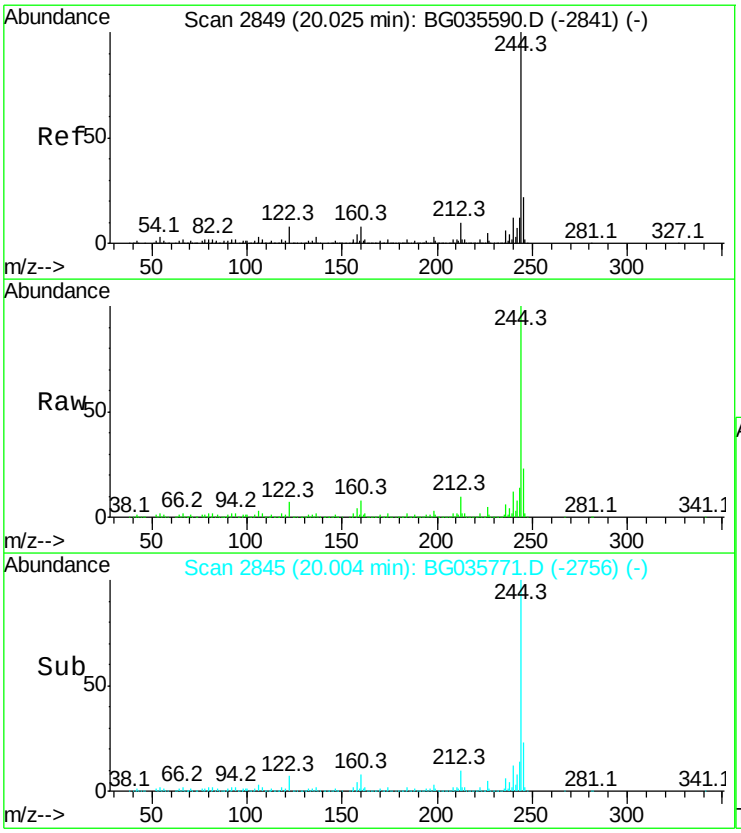
#77
Pyrene
Concen: 0.059 ng
RT: 19.82 min Scan# 2814
Delta R.T. 0.01 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Instrument :
BNA_G
ClientSampleId :
161-TP-1

Tgt Ion:202 Resp: 1282

Ion	Ratio	Lower	Upper
202	100		
200	0.0	16.9	25.3#
203	0.0	13.9	20.9#

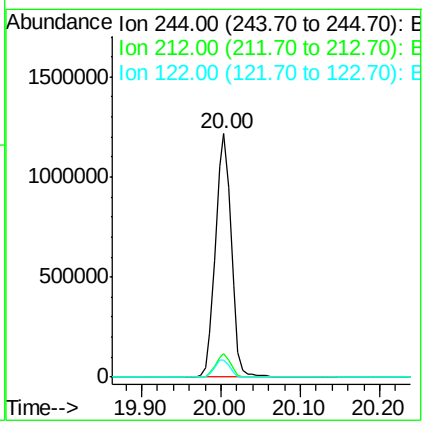


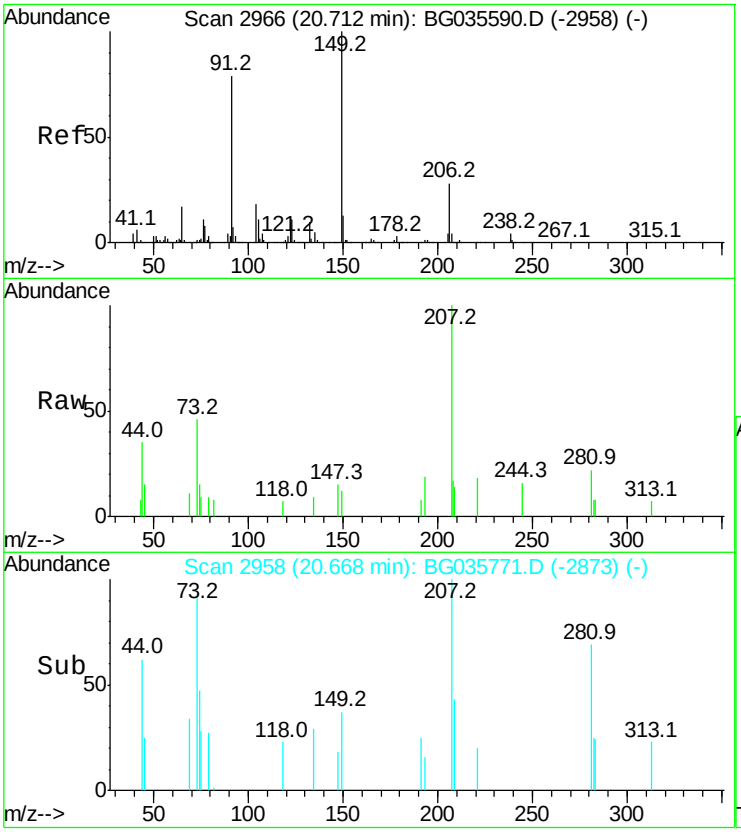


#78
Terphenyl-d14
Concen: 107.807 ng
RT: 20.00 min Scan# 2845
Delta R.T. -0.01 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Tgt Ion:244 Resp: 1687644

Ion	Ratio	Lower	Upper
244	100		
212	9.8	5.8	8.8#
122	7.2	7.0	10.4



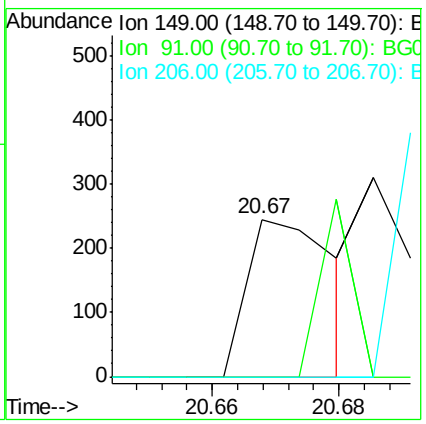


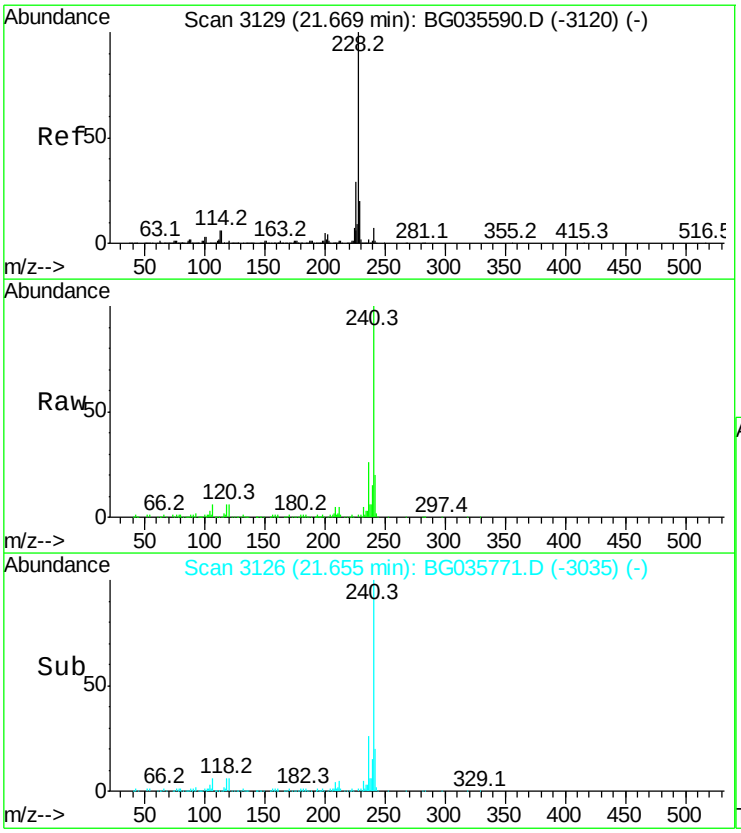
#79
Butylbenzylphthalate
Concen: 0.030 ng
RT: 20.67 min Scan# 2958
Delta R.T. -0.03 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Instrument :
BNA_G
ClientSampleId :
161-TP-1

Tgt Ion:149 Resp: 232

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

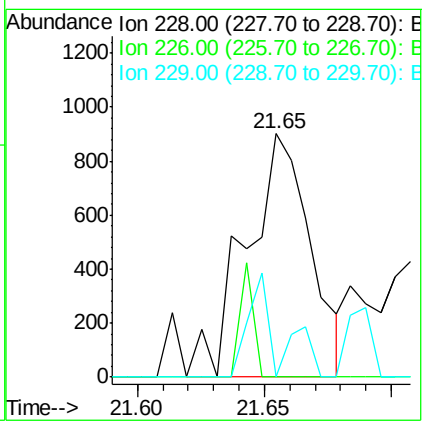


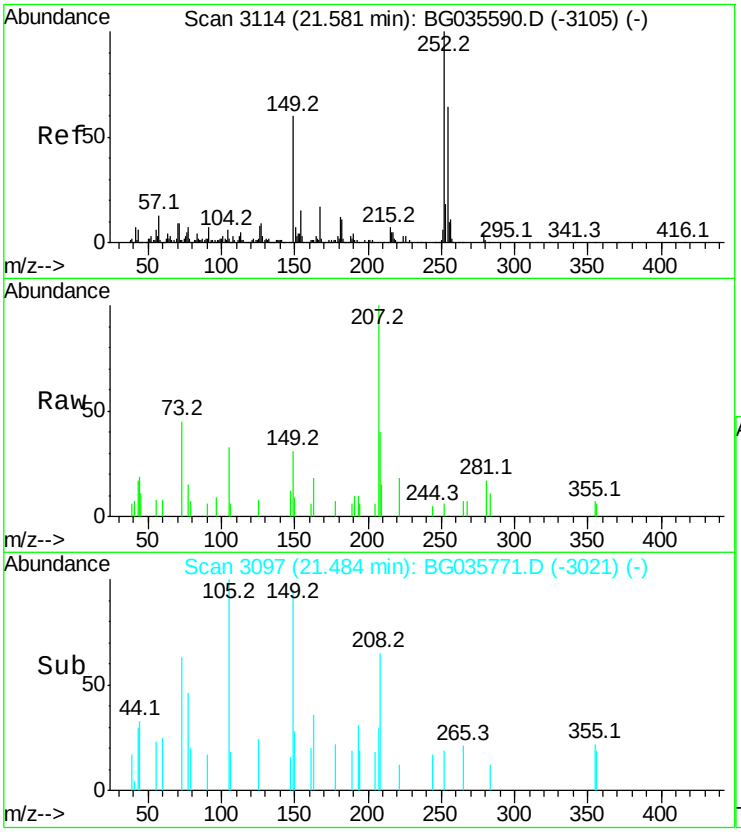


#80
Benzo(a)anthracene
Concen: 0.074 ng
RT: 21.65 min Scan# 3126
Delta R.T. 0.00 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Tgt Ion:228 Resp: 1595

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



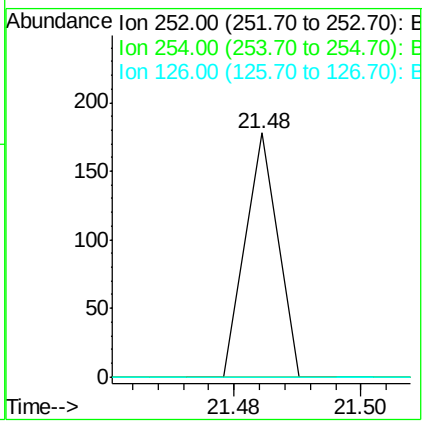


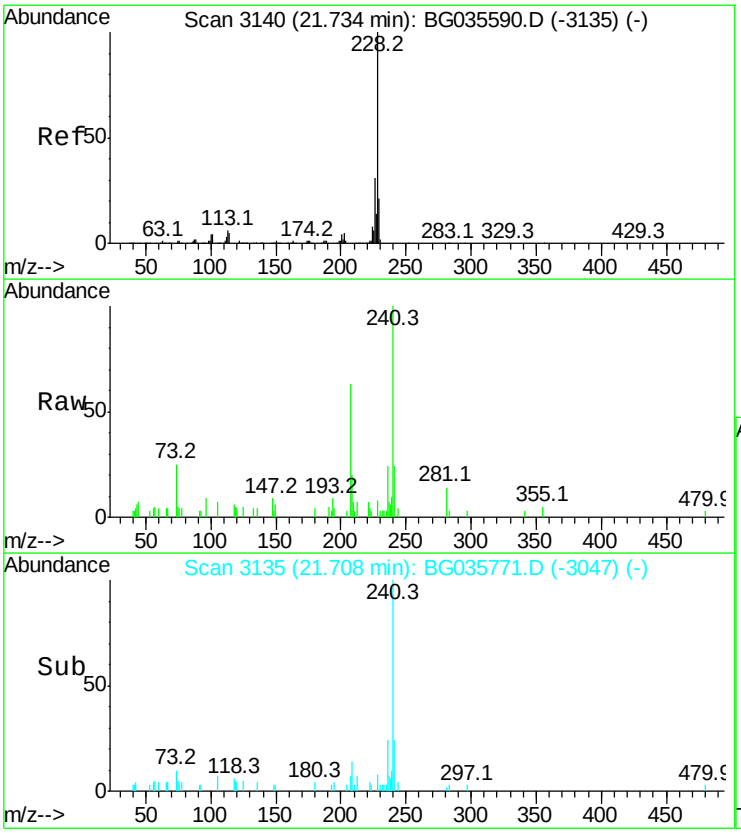
#81
3,3'-Dichlorobenzidine
Concen: 0.008 ng
RT: 21.48 min Scan# 3097
Delta R.T. -0.08 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Instrument :
BNA_G
ClientSampleId :
161-TP-1

Tgt Ion:252 Resp: 63

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

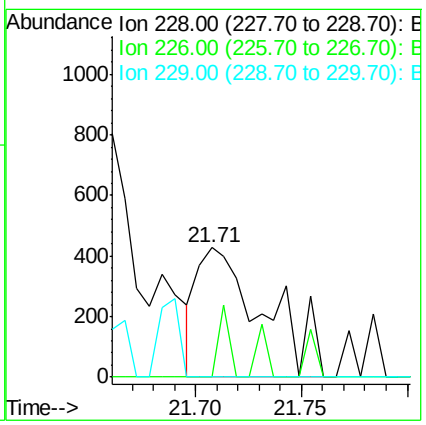


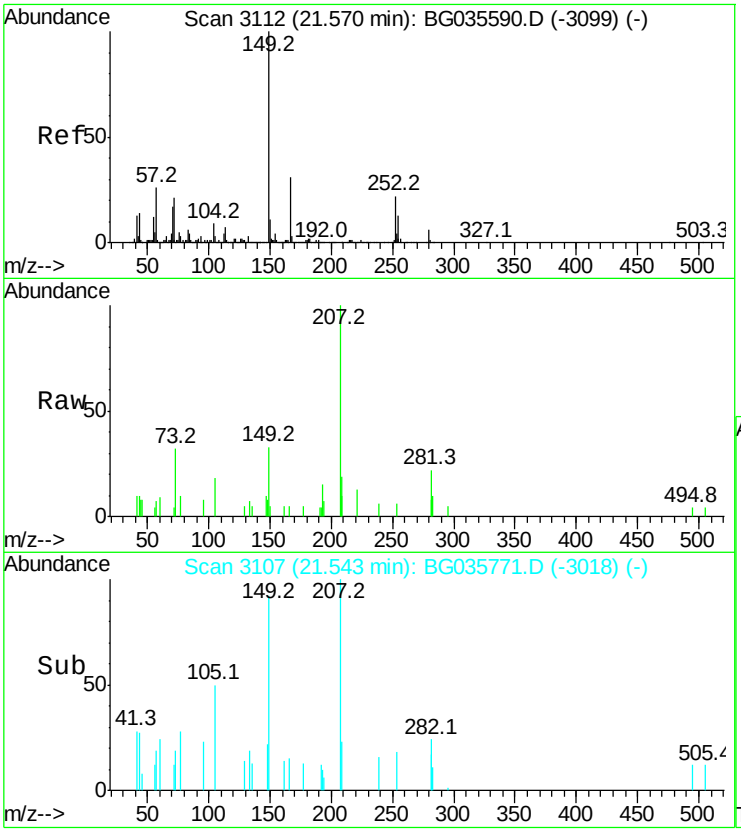


#82
Chrysene
Concen: 0.047 ng
RT: 21.71 min Scan# 3135
Delta R.T. -0.01 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Tgt Ion:228 Resp: 944

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



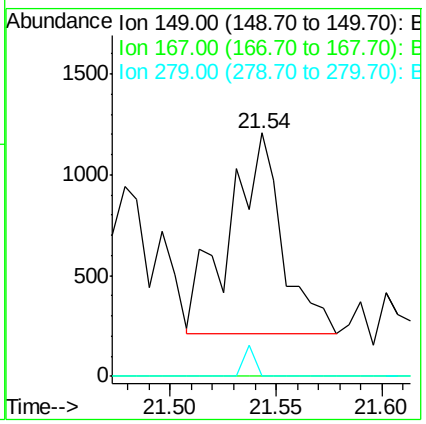


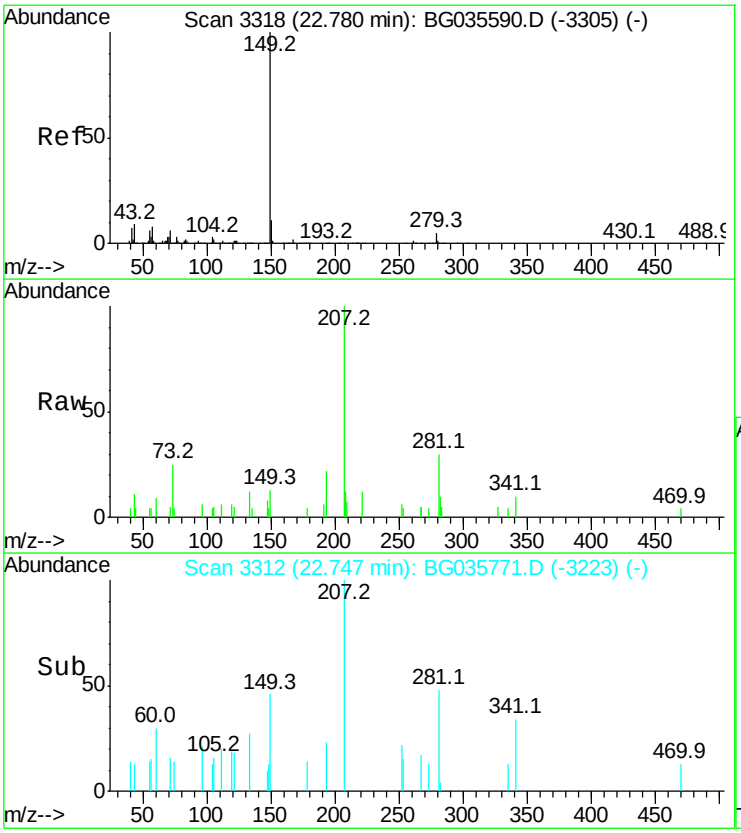
#83
Bis(2-ethylhexyl)phthalate
Concen: 0.165 ng
RT: 21.54 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Instrument :
BNA_G
ClientSampleId :
161-TP-1

Tgt Ion:149 Resp: 1748

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

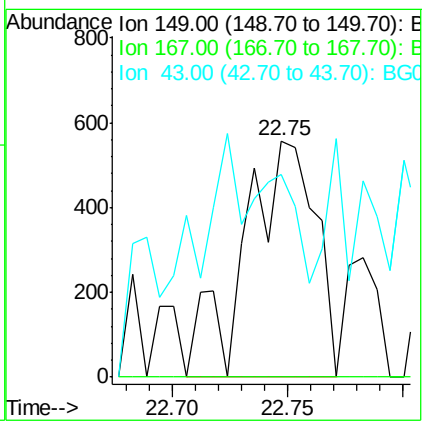


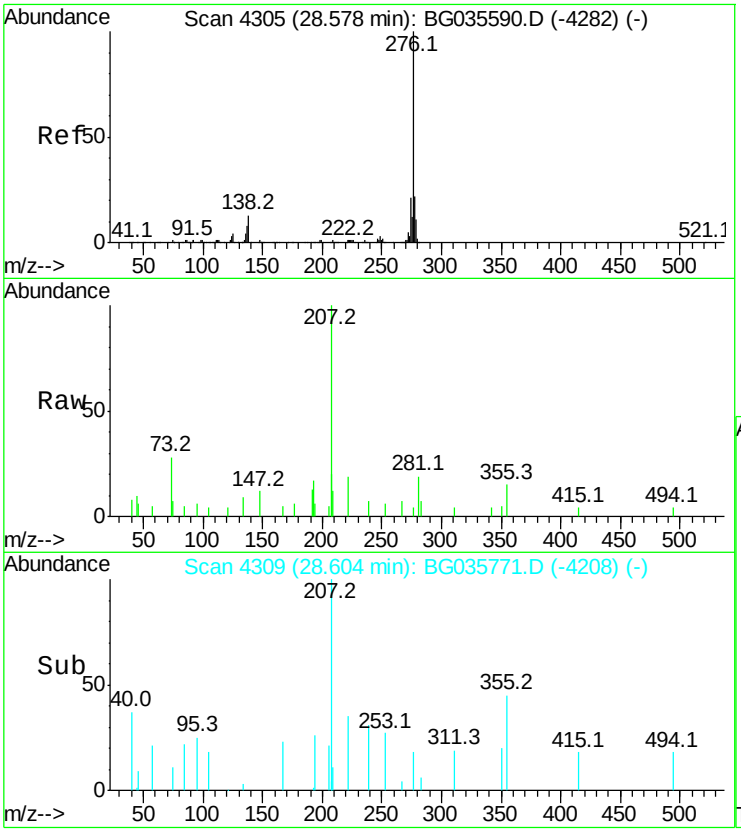


#84
Di-n-octyl phthalate
Concen: 0.067 ng
RT: 22.75 min Scan# 3312
Delta R.T. -0.01 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Tgt Ion:149 Resp: 1198

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



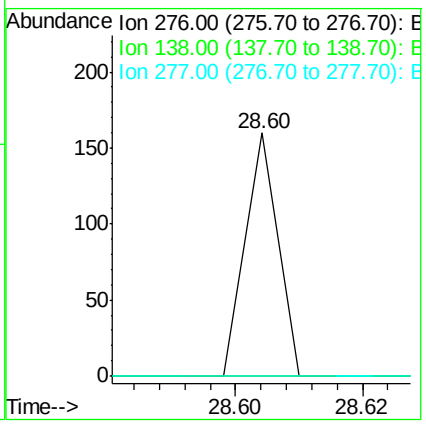


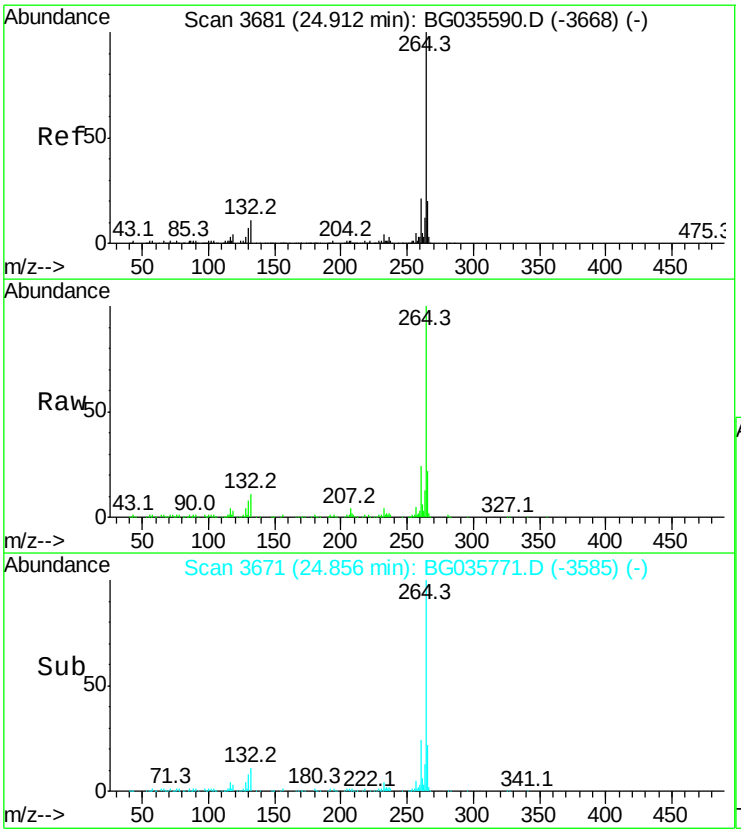
#85
Indeno(1,2,3-cd)pyrene
Concen: 0.003 ng
RT: 28.60 min Scan# 4309
Delta R.T. 0.06 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Instrument :
BNA_G
ClientSampleId :
161-TP-1

Tgt Ion:276 Resp: 56

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

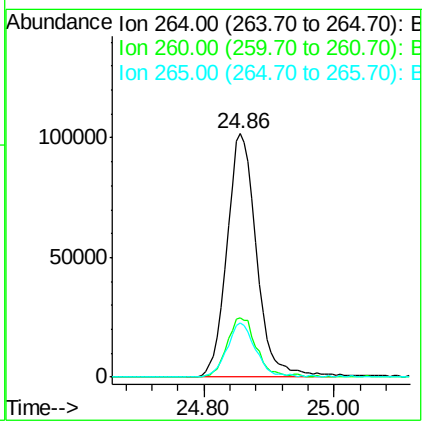


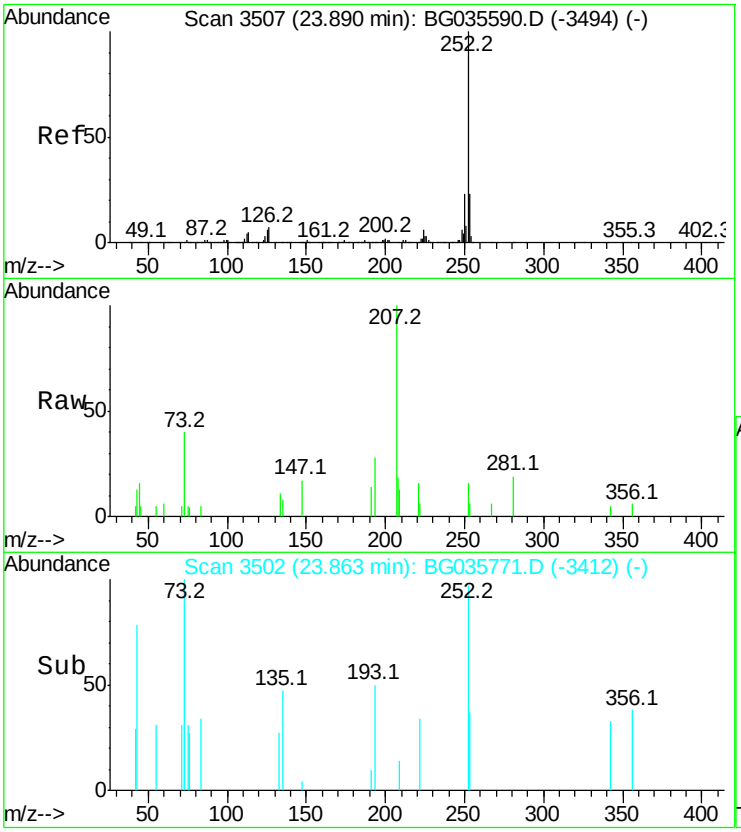


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3671
Delta R.T. -0.03 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Tgt Ion:264 Resp: 320136

Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.0
265	22.1	17.7	26.5



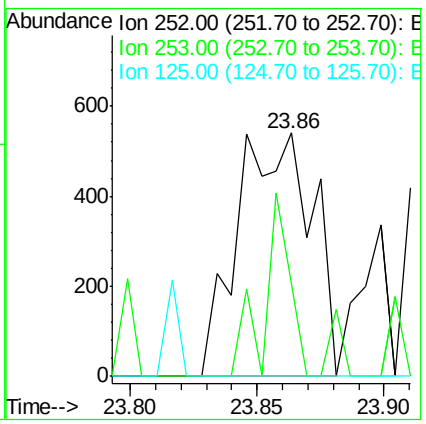


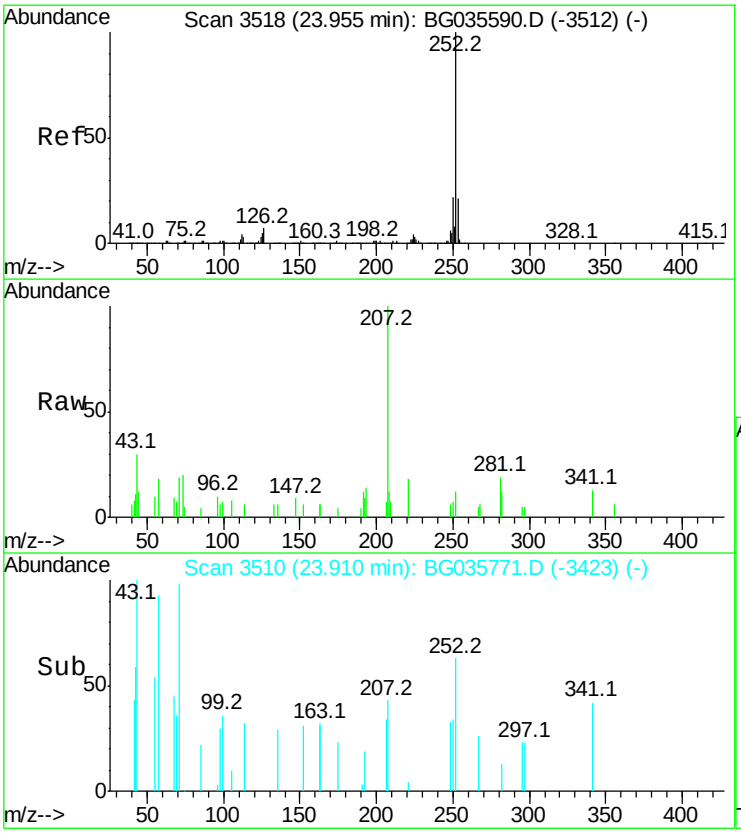
#87
Benzo(b)fluoranthene
Concen: 0.057 ng
RT: 23.86 min Scan# 3502
Delta R.T. -0.00 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Instrument :
BNA_G
ClientSampleId :
161-TP-1

Tgt Ion:252 Resp: 1104

Ion	Ratio	Lower	Upper
252	100		
253	38.3	18.2	27.4#
125	0.0	7.2	10.8#

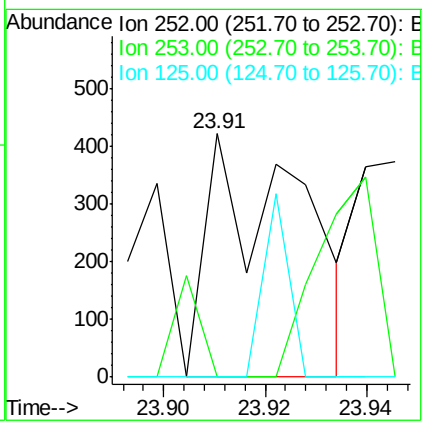


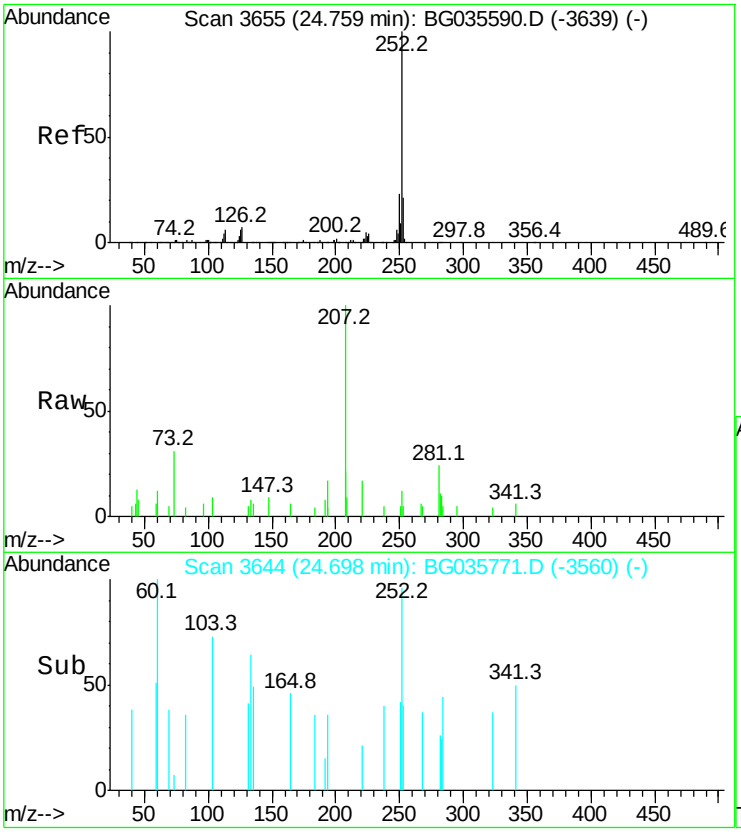


#88
Benzo(k)fluoranthene
Concen: 0.028 ng
RT: 23.91 min Scan# 3510
Delta R.T. -0.02 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Tgt Ion:252 Resp: 530

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



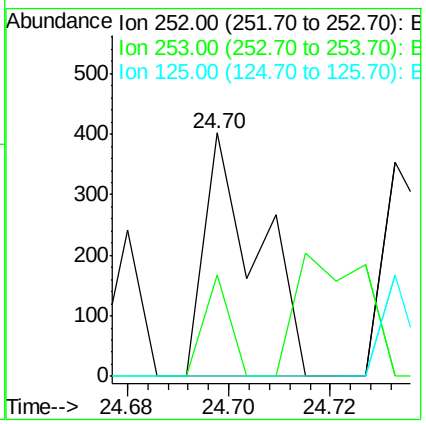


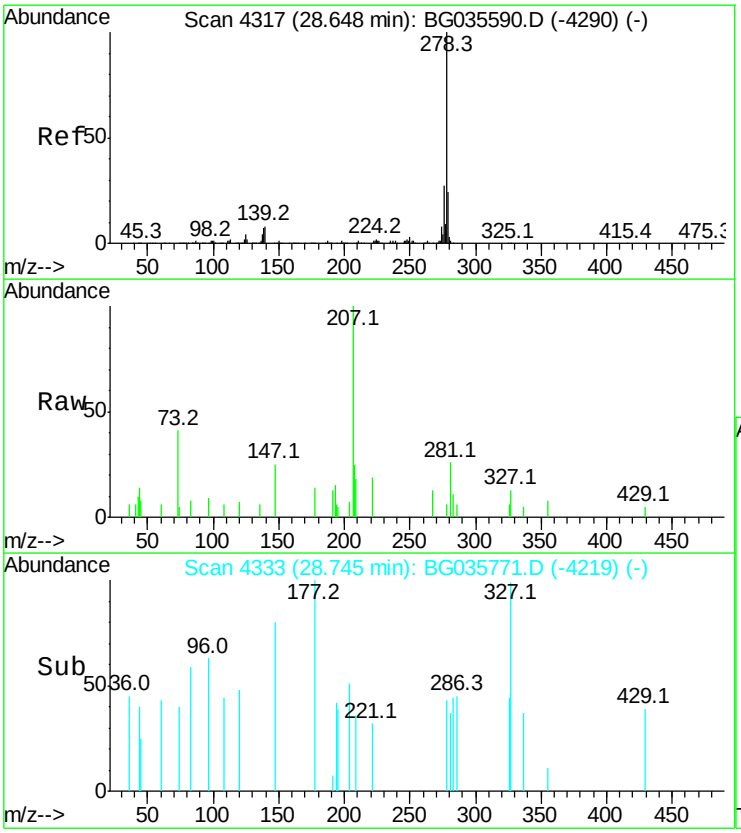
#89
Benzo(a)pyrene
Concen: 0.016 ng
RT: 24.70 min Scan# 3644
Delta R.T. -0.04 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Instrument :
BNA_G
ClientSampleId :
161-TP-1

Tgt Ion:252 Resp: 293

Ion	Ratio	Lower	Upper
252	100		
253	41.8	18.3	27.5#
125	0.0	7.3	10.9#

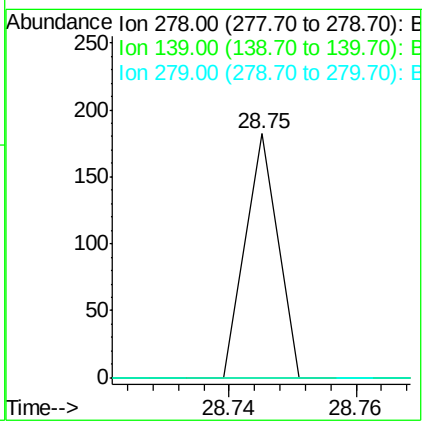


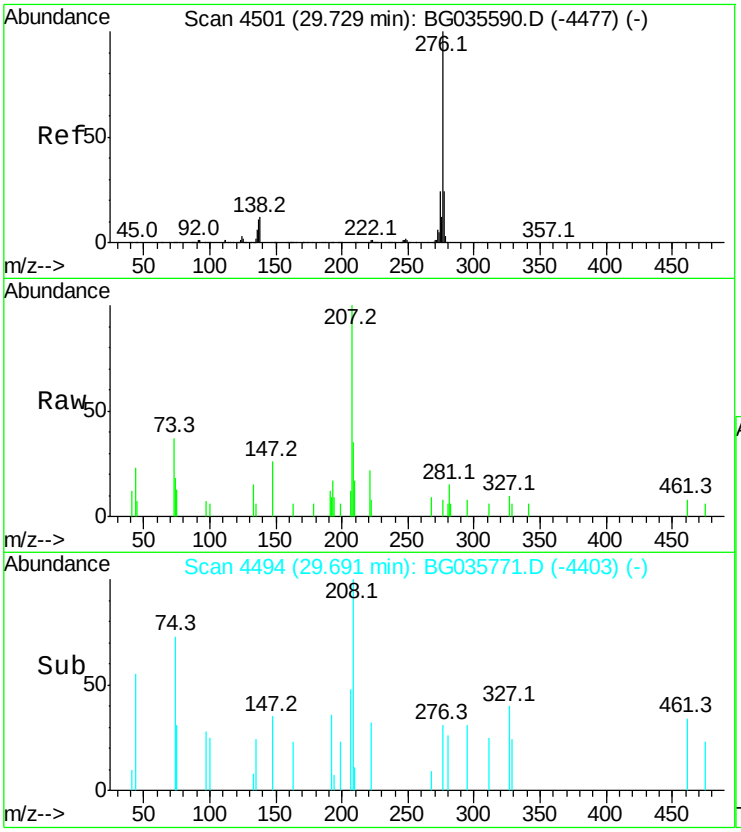


#90
Dibenzo(a,h)anthracene
Concen: 0.004 ng
RT: 28.75 min Scan# 4333
Delta R.T. 0.14 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Tgt Ion:278 Resp: 64

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: 0.004 ng
RT: 29.69 min Scan# 4494
Delta R.T. 0.00 min
Lab File: BG035771.D
Acq: 20 Jul 2018 5:13

Instrument :
BNA_G
ClientSampleId :
161-TP-1

Tgt Ion:276 Resp: 73

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