Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090916\
Data File : BG023980.D
Acq On : 9 Sep 2016 18:56
Operator : UM/SJ
Sample : H4715-04MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SOIL-CUTTINGSMSD

Quant Time: Sep 10 00:57:13 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 09 16:24:09 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	41988	20.00	ng		-0.04
21) Naphthalene-d8	10.89	136	220277	20.00	ng		-0.04
38) Acenaphthene-d10	14.74	164	188712	20.00	ng		-0.03
63) Phenanthrene-d10	17.50	188	531926	20.00	ng		-0.02
75) Chrysene-d12	21.81	240	505790	20.00	ng		-0.03
86) Perylene-d12	25.16	264	445035	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	339830	142.09	ng		-0.04
7) Phenol-d6	7.23	99	513983	139.62	ng		-0.04
23) Nitrobenzene-d5	9.24	82	459400	93.11	ng		-0.04
41) 2,4,6-Tribromophenol	16.24	330	453444	133.37	ng		-0.03
44) 2-Fluorobiphenyl	13.35	172	1040956	79.09	ng		-0.03
78) Terphenyl-d14	20.11	244	2187860	98.51	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	28856	29.26	ng	#	66
3) Pyridine	3.90	79	96391	32.52	ng		96
4) n-Nitrosodimethylamine	3.79	42	66358	42.47	ng	#	83
6) Aniline	7.39	93	193984	39.70	ng		94
8) 2-Chlorophenol	7.63	128	132196	47.71	ng		96
9) Benzaldehyde	7.20	77	24068	9.20	ng		86
10) Phenol	7.26	94	177383	45.80	ng		98
11) bis(2-Chloroethyl)ether	7.47	93	136017	44.64	ng		85
12) 1,3-Dichlorobenzene	7.94	146	121013	37.32	ng		97
13) 1,4-Dichlorobenzene	8.10	146	122614	35.69	ng		93
14) 1,2-Dichlorobenzene	8.41	146	121525	37.69	ng		91
15) Benzyl Alcohol	8.31	79	197939	60.98	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.60	45	180423	44.18	ng		99
17) 2-Methylphenol	8.52	107	143202	54.88	ng		99
18) Hexachloroethane	9.14	117	52189	39.45	ng		94
19) n-Nitroso-di-n-propylamine	8.87	70	168245	51.73	ng		98
20) 3+4-Methylphenols	8.85	107	196960	54.17	ng		97
22) Acetophenone	8.90	105	226723	39.76	ng	#	96
24) Nitrobenzene	9.28	77	238234	44.90	ng		99
25) Isophorone	9.81	82	463384	48.43	ng		98
26) 2-Nitrophenol	10.00	139	90644	44.94	ng		99
27) 2,4-Dimethylphenol	10.06	122	171119	49.92	ng		95
28) bis(2-Chloroethoxy)methane	10.29	93	235230	48.69	ng		94
29) 2,4-Dichlorophenol	10.55	162	188863	52.00	ng		98
30) 1,2,4-Trichlorobenzene	10.75	180	162750	40.86	ng		98
31) Naphthalene	10.95	128	470001	41.41	ng		98
32) Benzoic acid	10.24	122	81912	29.42	ng		88
33) 4-Chloroaniline	11.06	127	114714	24.20	ng	#	93
34) Hexachlorobutadiene	11.22	225	120575	40.30	ng		95
35) Caprolactam	11.92	113	22675	17.71	ng		93
36) 4-Chloro-3-methylphenol	12.20	107	257875	53.14	ng		97
37) 2-Methylnaphthalene	12.56	142	403673	46.75	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.92	216	231950	37.03	ng		98
40) Hexachlorocyclopentadiene	12.89	237	214732	58.94	ng		96

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090916\
Data File : BG023980.D
Acq On : 9 Sep 2016 18:56
Operator : UM/SJ
Sample : H4715-04MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SOIL-CUTTINGSMSD

Quant Time: Sep 10 00:57:13 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 09 16:24:09 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	188368	45.06	ng		98
43) 2,4,5-Trichlorophenol	13.26	196	195195	46.19	ng		94
45) 1,1'-Biphenyl	13.56	154	525739	34.64	ng		99
46) 2-Chloronaphthalene	13.61	162	471877	42.35	ng		97
47) 2-Nitroaniline	13.83	65	240435	54.78	ng		96
48) Acenaphthylene	14.46	152	778820	41.93	ng		99
49) Dimethylphthalate	14.19	163	715715	44.23	ng		99
50) 2,6-Dinitrotoluene	14.32	165	159618	46.73	ng		93
51) Acenaphthene	14.80	154	500384	43.57	ng		99
52) 3-Nitroaniline	14.66	138	117812	36.87	ng	#	89
53) 2,4-Dinitrophenol	14.88	184	172775	70.06	ng	#	88
54) Dibenzofuran	15.13	168	839608	46.84	ng		99
55) 4-Nitrophenol	14.99	139	209622	82.46	ng	#	81
56) 2,4-Dinitrotoluene	15.12	165	241731	48.14	ng		85
57) Fluorene	15.79	166	705900	45.42	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.29	232	227287	52.99	ng		96
59) Diethylphthalate	15.55	149	774779	44.85	ng		99
60) 4-Chlorophenyl-phenylether	15.77	204	377606	45.13	ng		97
61) 4-Nitroaniline	15.84	138	161322	49.94	ng		95
62) Azobenzene	16.07	77	863216	51.59	ng		96
64) 4,6-Dinitro-2-methylphenol	15.89	198	149363	40.45	ng		90
65) n-Nitrosodiphenylamine	16.00	169	650446	43.05	ng		94
66) 4-Bromophenyl-phenylether	16.67	248	294103	45.45	ng		98
67) Hexachlorobenzene	16.80	284	309253	40.74	ng		98
68) Atrazine	16.95	200	301419	46.37	ng		99
69) Pentachlorophenol	17.16	266	341006	84.59	ng		98
70) Phenanthrene	17.54	178	1265658	45.74	ng		97
71) Anthracene	17.64	178	1300310	46.07	ng		99
72) Carbazole	17.92	167	1179601	46.05	ng		99
73) Di-n-butylphthalate	18.45	149	1400066	45.81	ng		99
74) Fluoranthene	19.56	202	1618751	48.59	ng		96
76) Benzidine	19.75	184	365727	23.35	ng		95
77) Pyrene	19.92	202	1609961	51.76	ng		97
79) Butylbenzylphthalate	20.79	149	635824	53.02	ng		97
80) Benzo(a)anthracene	21.79	228	1346442	47.55	ng		96
81) 3,3'-Dichlorobenzidine	21.70	252	324213	28.65	ng	#	99
82) Chrysene	21.86	228	1252658	46.48	ng		99
83) Bis(2-ethylhexyl)phthalate	21.67	149	775650	47.24	ng		96
84) Di-n-octyl phthalate	22.91	149	1128916	41.92	ng		99
85) Indeno(1,2,3-cd)pyrene	29.01	276	1367524	45.83	ng	#	100
87) Benzo(b)fluoranthene	24.09	252	1253417	49.58	ng		100
88) Benzo(k)fluoranthene	24.17	252	1192266	47.56	ng	#	97
89) Benzo(a)pyrene	25.01	252	1175185	48.95	ng	#	97
90) Dibenzo(a,h)anthracene	29.06	278	1140488	48.31	ng	#	95
91) Benzo(g,h,i)perylene	30.21	276	1152359	50.75	ng		99

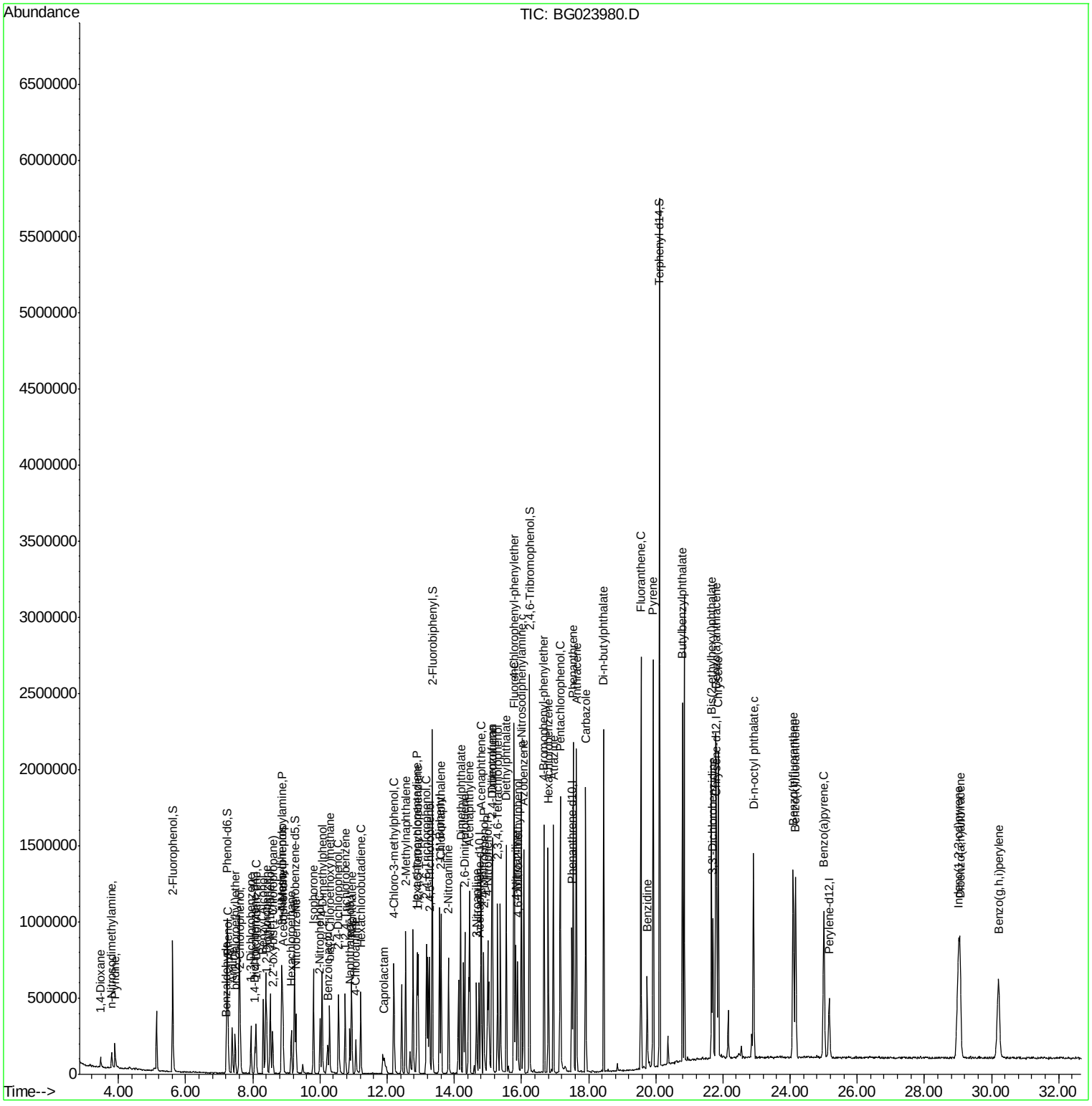
(#) = qualifier out of range (m) = manual integration (+) = signals summed

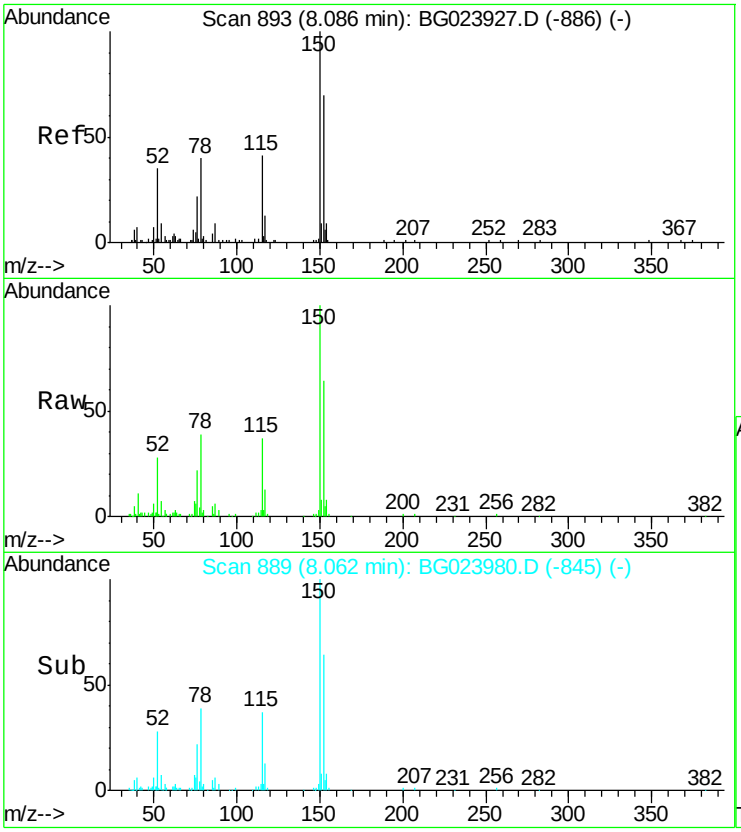
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090916\
Data File : BG023980.D
Acq On : 9 Sep 2016 18:56
Operator : UM/SJ
Sample : H4715-04MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMSD

Quant Time: Sep 10 00:57:13 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 09 16:24:09 2016
Response via : Initial Calibration



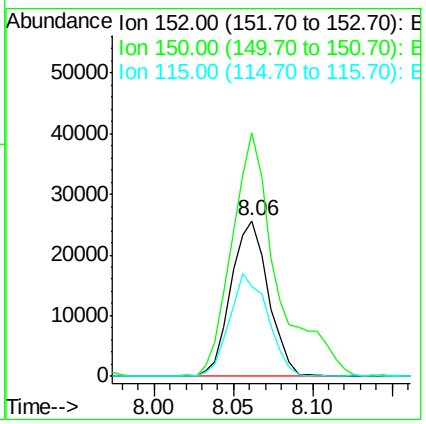


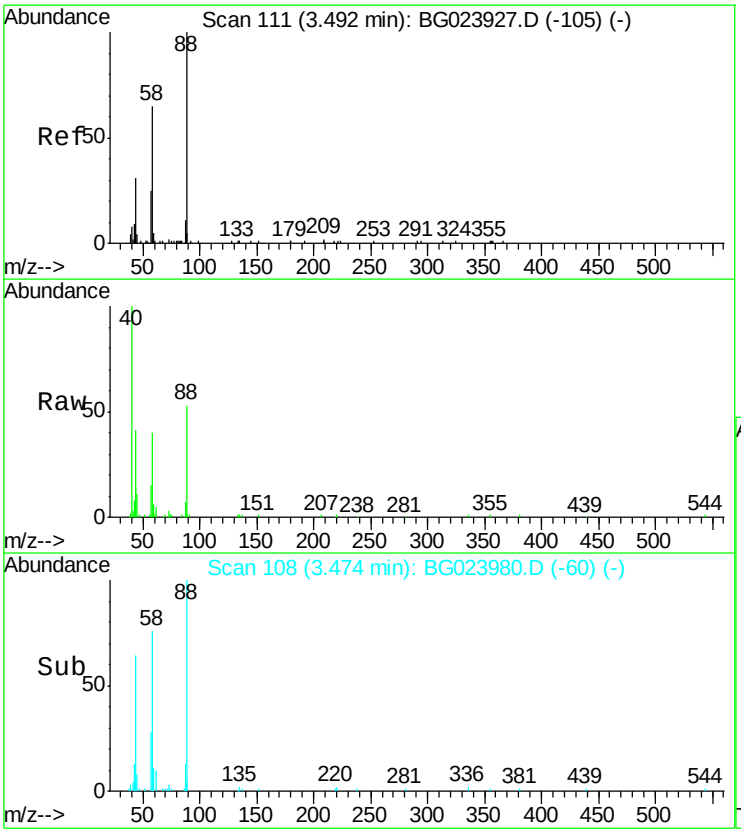
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.06 min Scan# 889
Delta R.T. -0.04 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMSD

Tgt Ion:152 Resp: 41988

Ion	Ratio	Lower	Upper
152	100		
150	156.3	144.7	217.1
115	58.1	64.0	96.0#

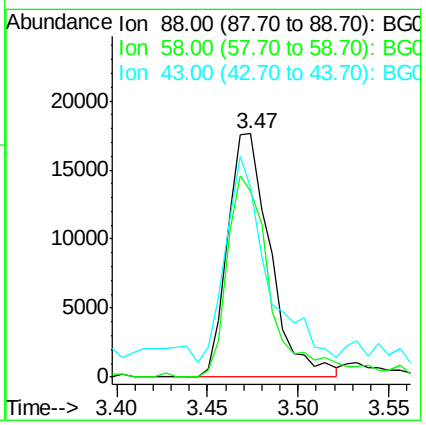


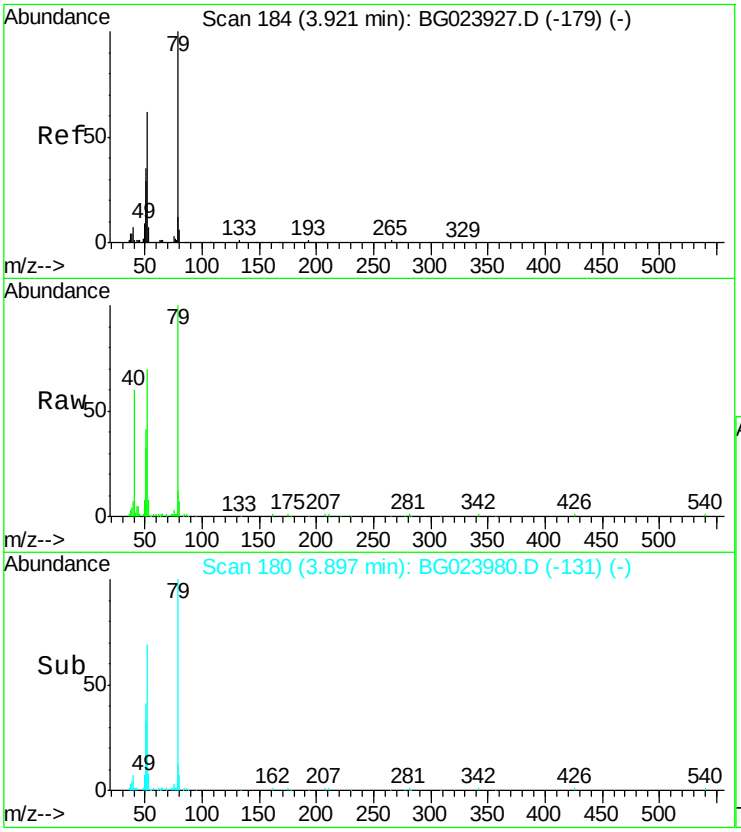


#2
1,4-Dioxane
Concen: 29.26 ng
RT: 3.47 min Scan# 108
Delta R.T. -0.02 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Tgt Ion: 88 Resp: 28856

Ion	Ratio	Lower	Upper
88	100		
58	86.8	60.4	90.6
43	83.8	31.1	46.7#



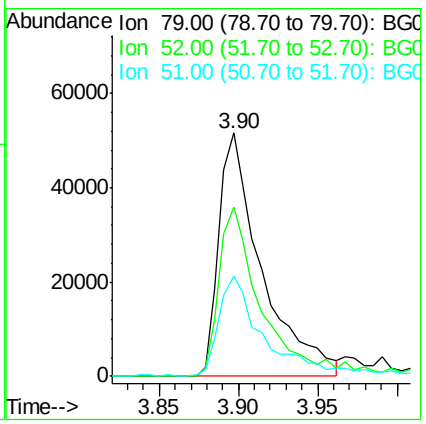


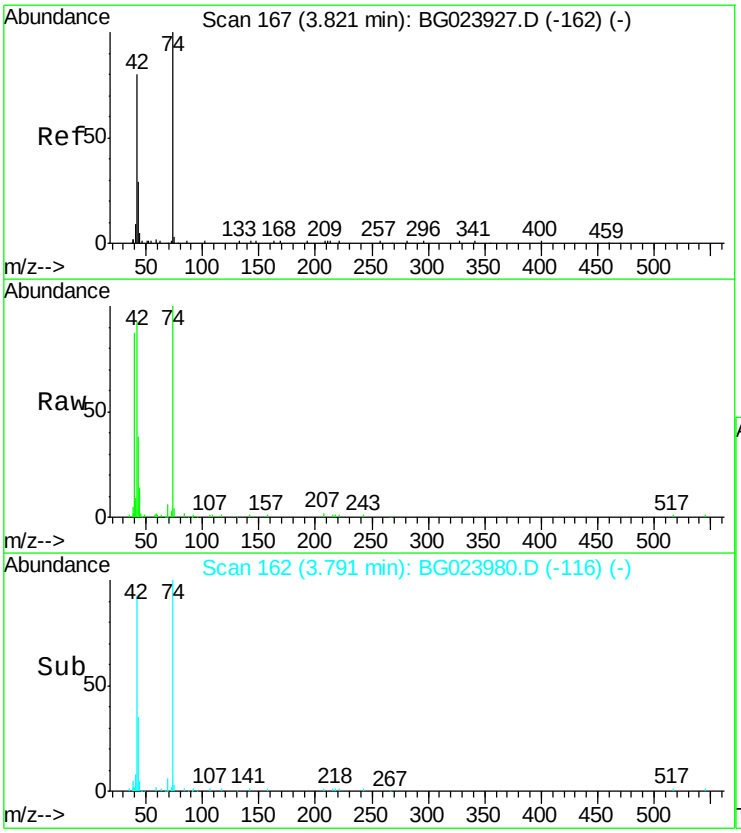
#3
Pyridine
Concen: 32.52 ng
RT: 3.90 min Scan# 180
Delta R.T. -0.01 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMSD

Tgt Ion: 79 Resp: 96391

Ion	Ratio	Lower	Upper
79	100		
52	69.6	51.8	77.8
51	41.1	32.7	49.1

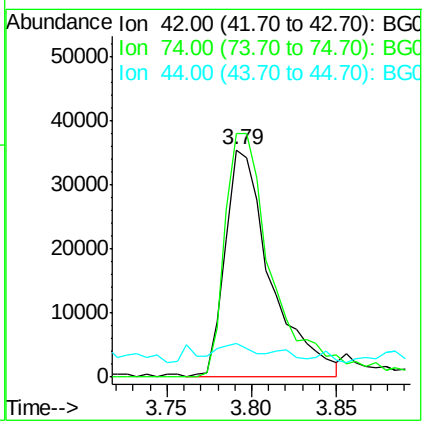


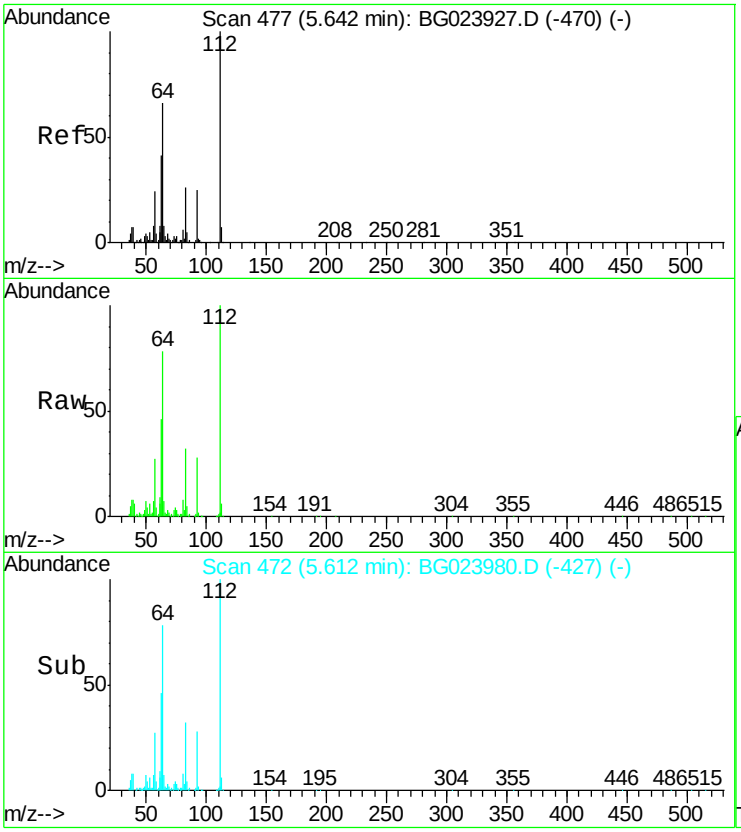


#4
n-Nitrosodimethylamine
Concen: 42.47 ng
RT: 3.79 min Scan# 162
Delta R.T. -0.03 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Tgt Ion: 42 Resp: 66358

Ion	Ratio	Lower	Upper
42	100		
74	107.3	100.6	150.8
44	14.7	4.5	6.7#



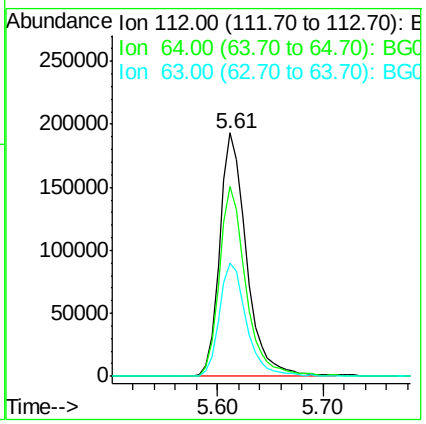


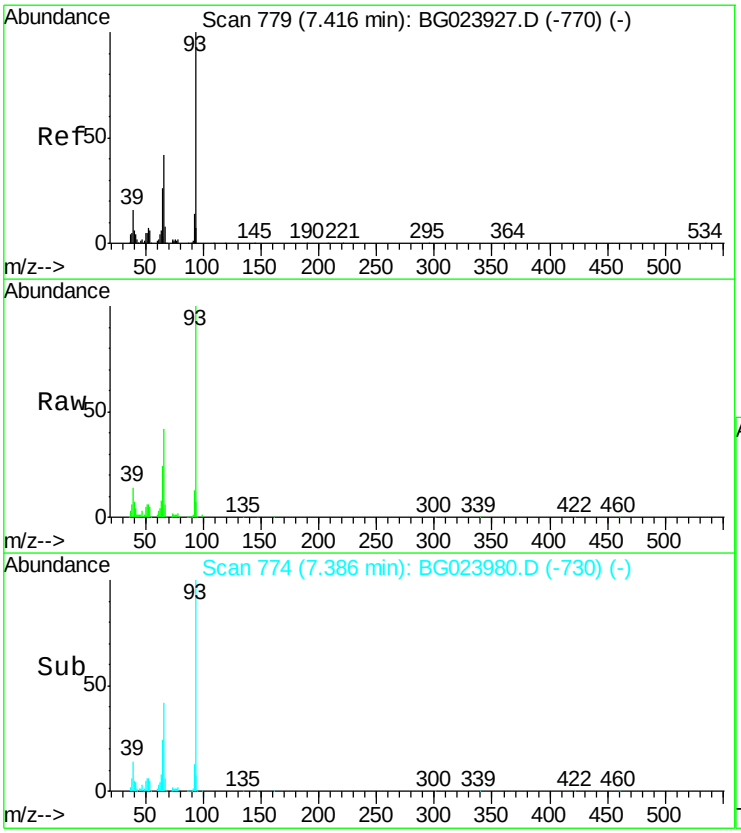
#5
2-Fluorophenol
Concen: 142.09 ng
RT: 5.61 min Scan# 472
Delta R.T. -0.04 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMSD

Tgt Ion:112 Resp: 339830

Ion	Ratio	Lower	Upper
112	100		
64	77.8	59.0	88.4
63	46.3	37.8	56.8

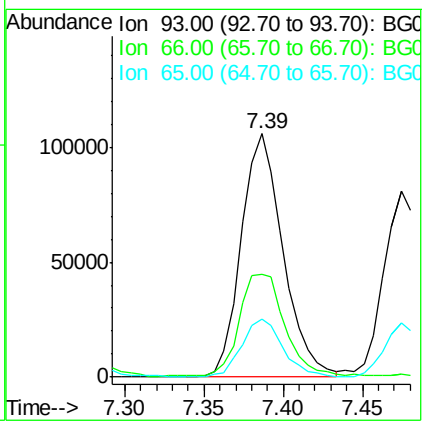


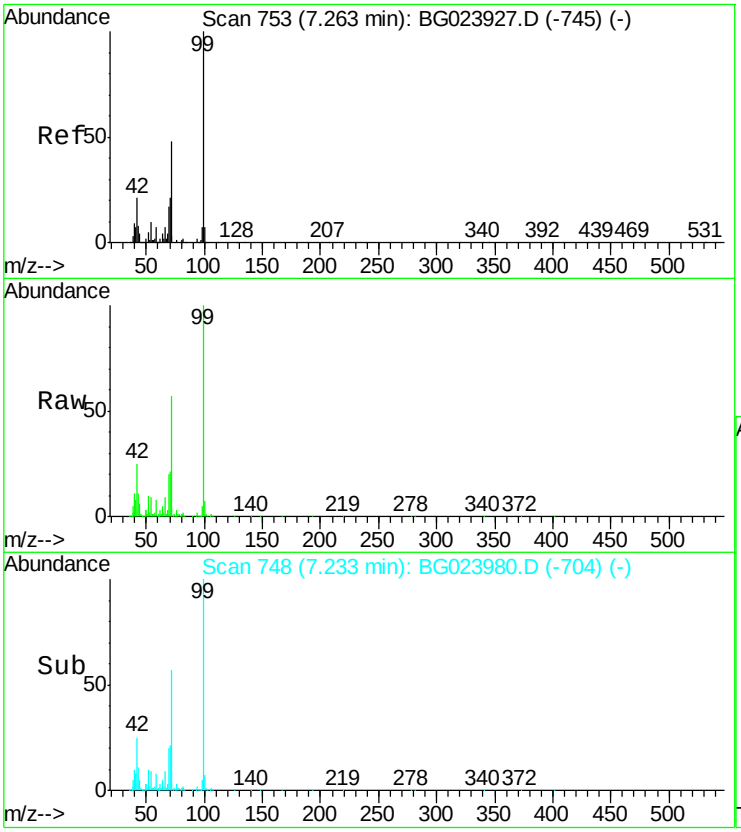


#6
Aniline
Concen: 39.70 ng
RT: 7.39 min Scan# 774
Delta R.T. -0.04 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Tgt Ion: 93 Resp: 193984

Ion	Ratio	Lower	Upper
93	100		
66	42.1	37.5	56.3
65	23.7	17.9	26.9



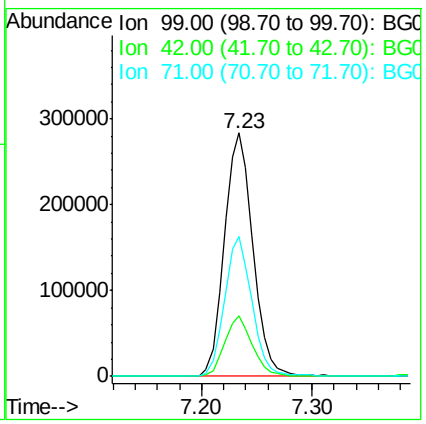


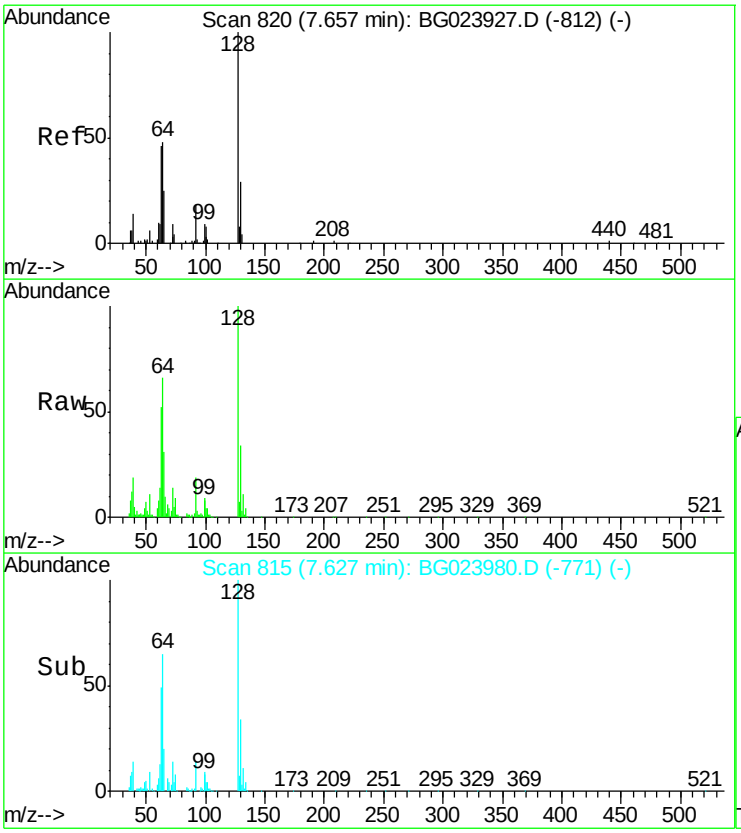
#7
Phenol-d6
Concen: 139.62 ng
RT: 7.23 min Scan# 748
Delta R.T. -0.04 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMSD

Tgt Ion: 99 Resp: 513983

Ion	Ratio	Lower	Upper
99	100		
42	24.8	17.8	26.6
71	57.5	41.5	62.3

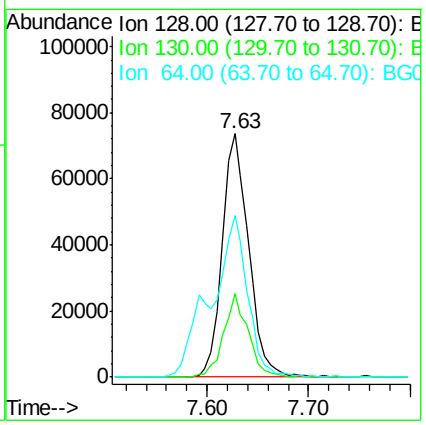


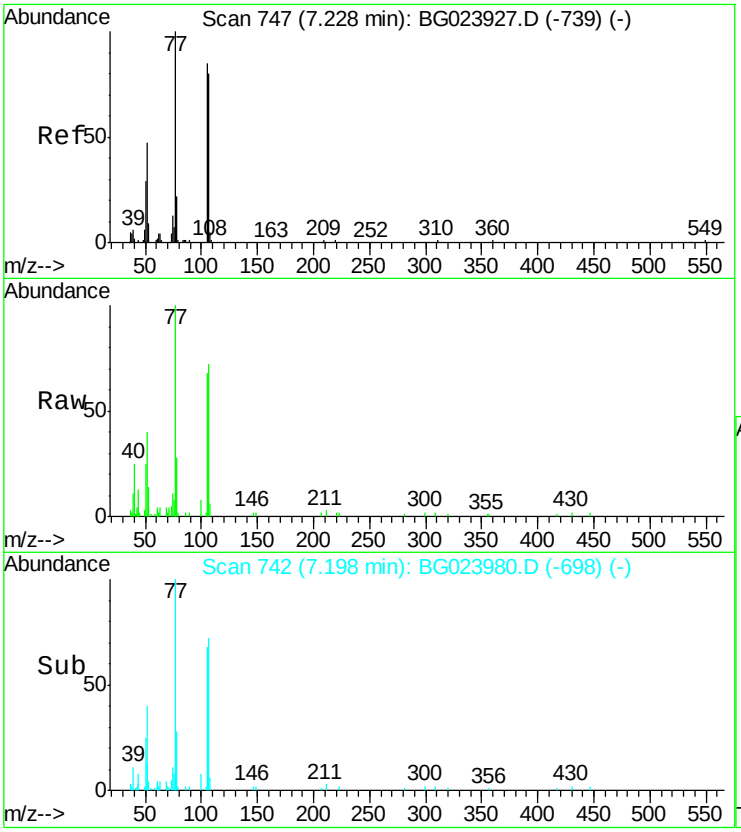


#8
2-Chlorophenol
Concen: 47.71 ng
RT: 7.63 min Scan# 815
Delta R.T. -0.04 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Tgt Ion:128 Resp: 132196

Ion	Ratio	Lower	Upper
128	100		
130	34.2	12.9	52.9
64	66.3	42.0	82.0



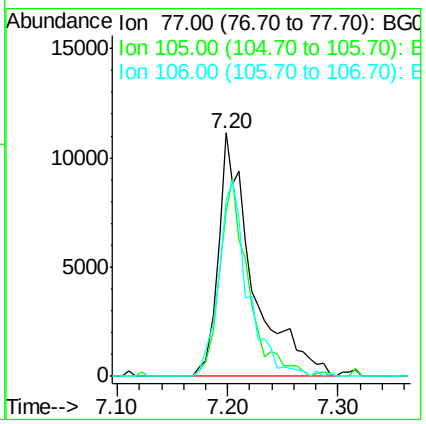


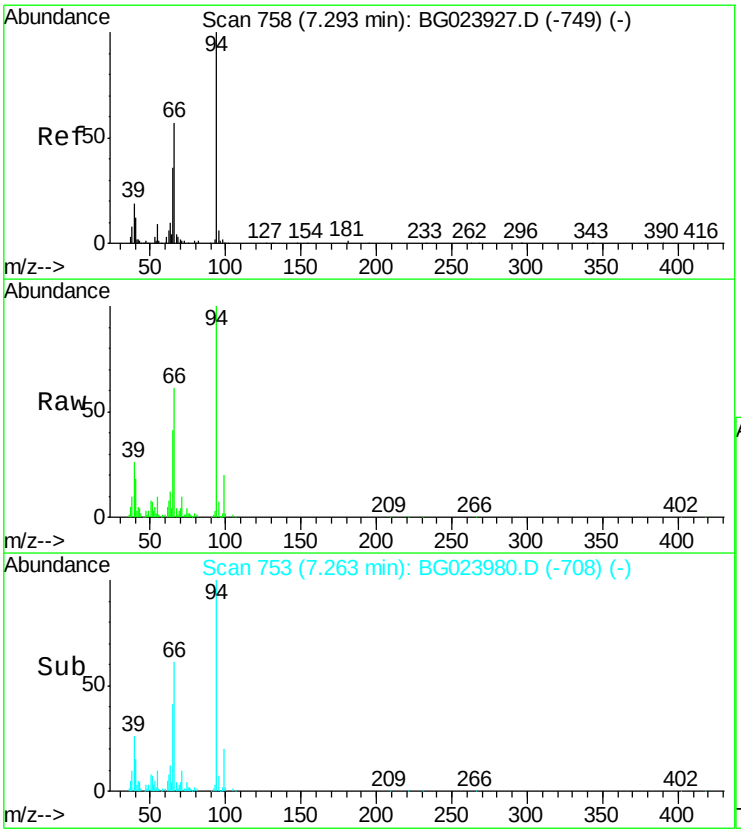
#9
Benzaldehyde
Concen: 9.20 ng
RT: 7.20 min Scan# 742
Delta R.T. -0.04 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMSD

Tgt Ion: 77 Resp: 24068

Ion	Ratio	Lower	Upper
77	100		
105	67.9	58.7	98.7
106	72.4	67.5	107.5

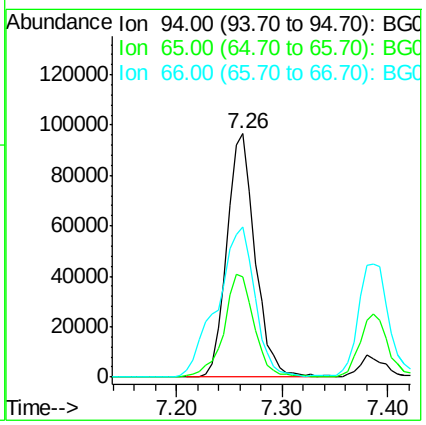


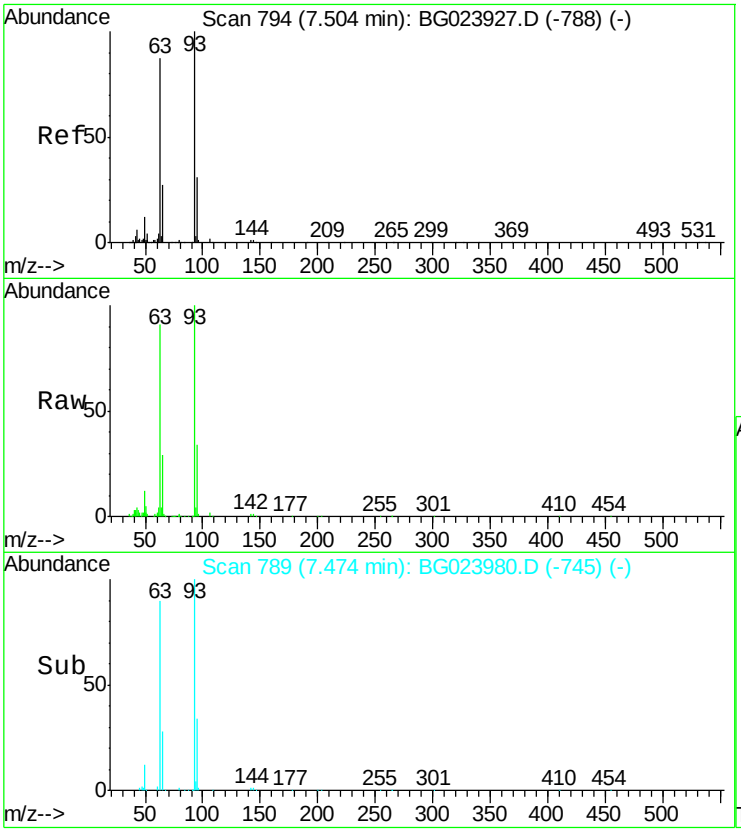


#10
Phenol
Concen: 45.80 ng
RT: 7.26 min Scan# 753
Delta R.T. -0.04 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Tgt Ion: 94 Resp: 177383

Ion	Ratio	Lower	Upper
94	100		
65	41.3	18.1	58.1
66	61.5	42.1	82.1



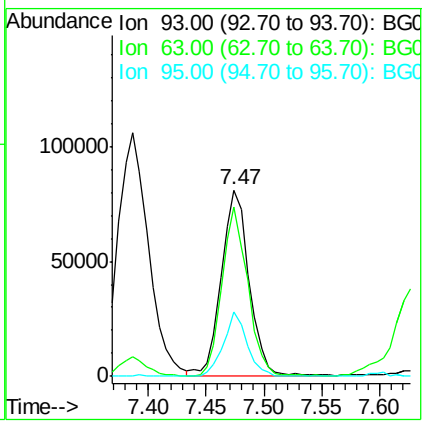


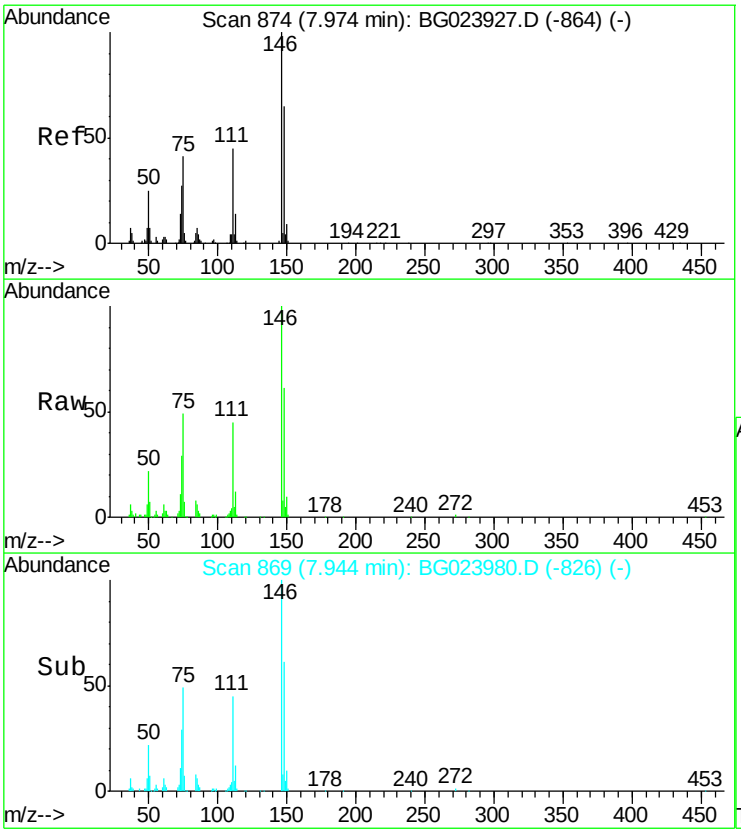
#11
bis(2-Chloroethyl)ether
Concen: 44.64 ng
RT: 7.47 min Scan# 789
Delta R.T. -0.04 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMSD

Tgt Ion: 93 Resp: 136017

Ion	Ratio	Lower	Upper
93	100		
63	90.7	55.0	95.0
95	34.2	11.0	51.0

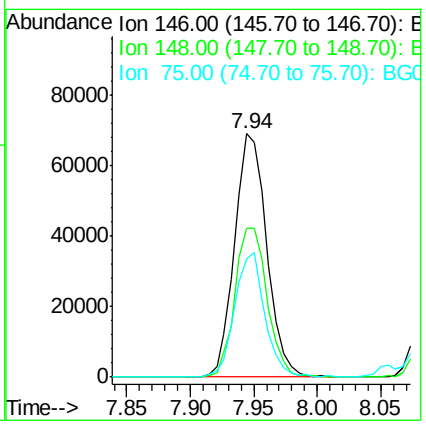


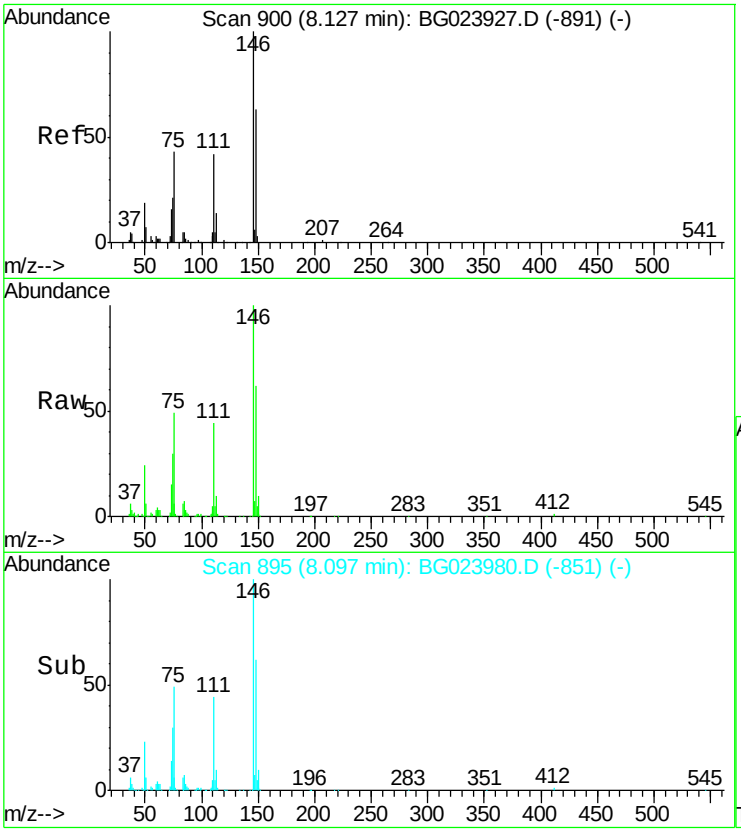


#12
1,3-Dichlorobenzene
Concen: 37.32 ng
RT: 7.94 min Scan# 869
Delta R.T. -0.05 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Tgt Ion:146 Resp: 121013

Ion	Ratio	Lower	Upper
146	100		
148	61.0	50.3	75.5
75	48.8	37.0	55.6



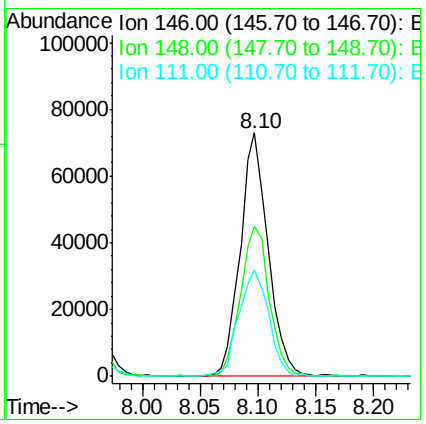


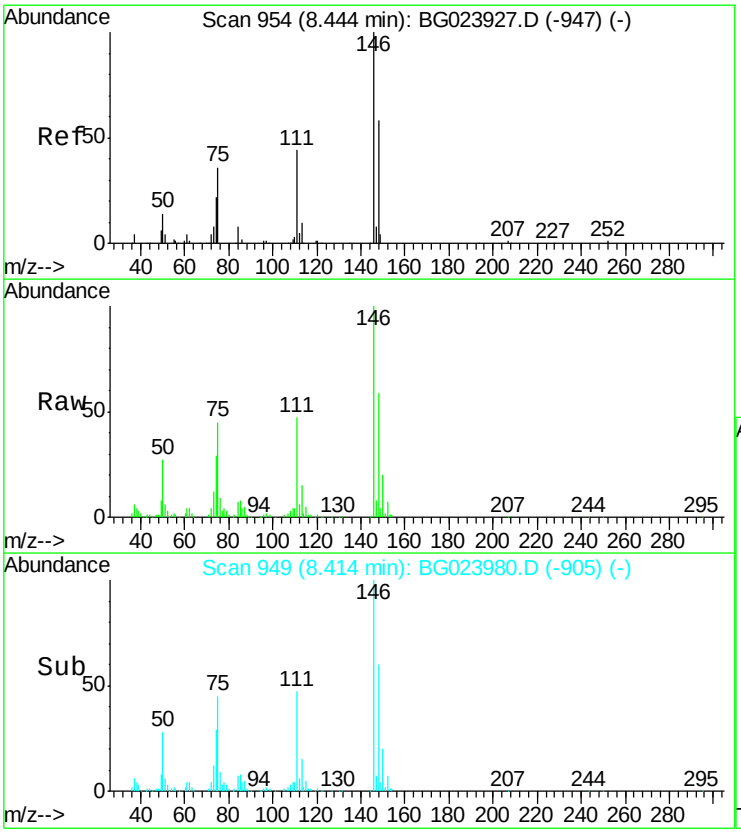
#13
1,4-Dichlorobenzene
Concen: 35.69 ng
RT: 8.10 min Scan# 895
Delta R.T. -0.04 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMSD

Tgt Ion:146 Resp: 122614

Ion	Ratio	Lower	Upper
146	100		
148	61.8	54.5	81.7
111	43.7	37.8	56.8

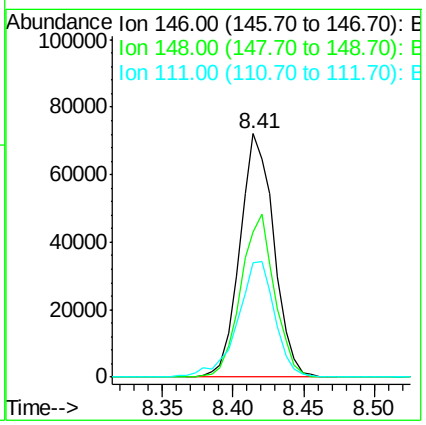


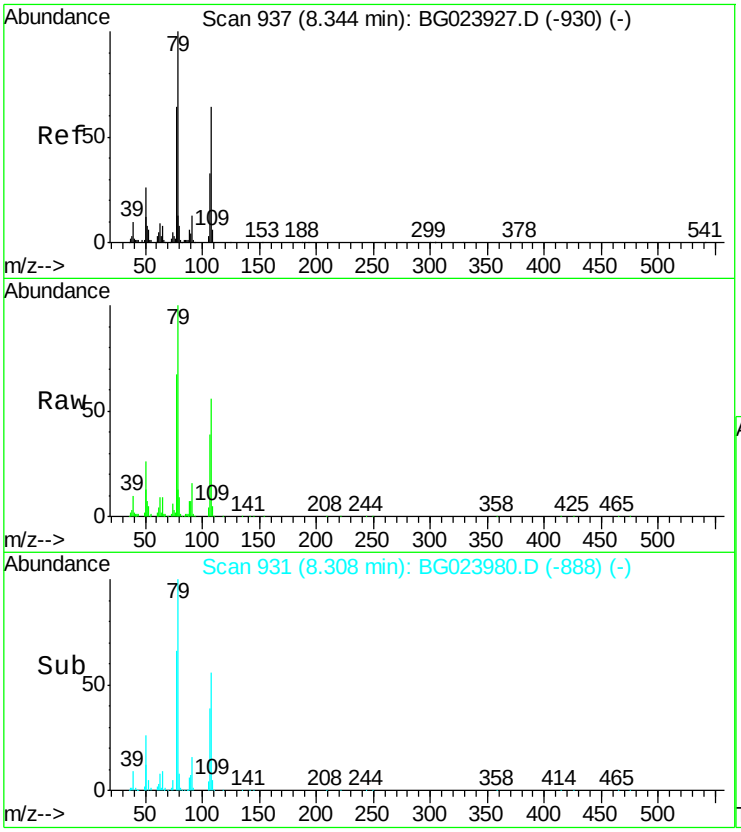


#14
1,2-Dichlorobenzene
Concen: 37.69 ng
RT: 8.41 min Scan# 949
Delta R.T. -0.04 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Tgt Ion:146 Resp: 121525

Ion	Ratio	Lower	Upper
146	100		
148	59.3	52.9	79.3
111	47.0	43.5	65.3



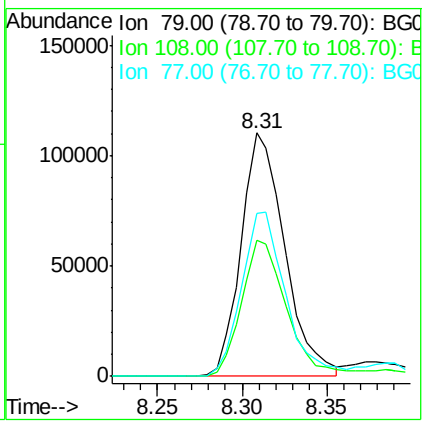


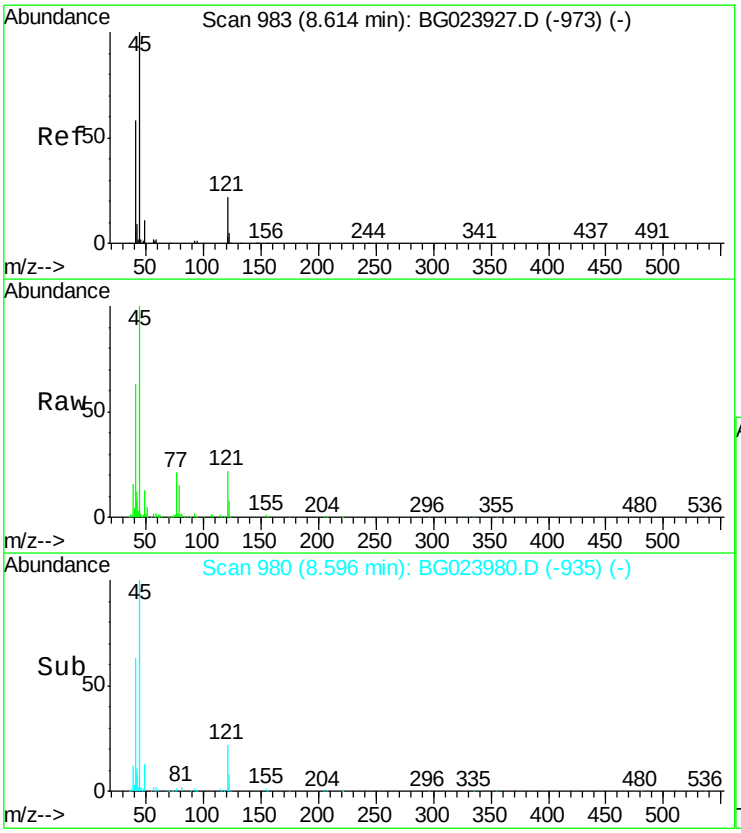
#15
Benzyl Alcohol
Concen: 60.98 ng
RT: 8.31 min Scan# 931
Delta R.T. -0.05 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMSD

Tgt Ion: 79 Resp: 197939

Ion	Ratio	Lower	Upper
79	100		
108	55.9	46.5	69.7
77	66.9	52.3	78.5

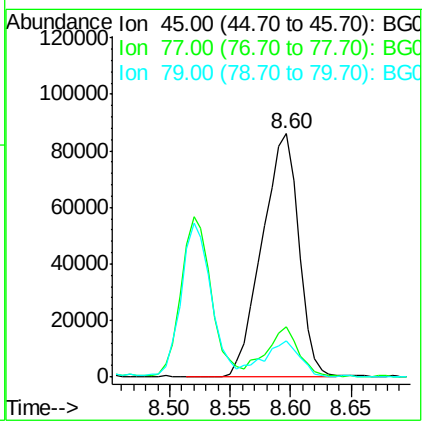


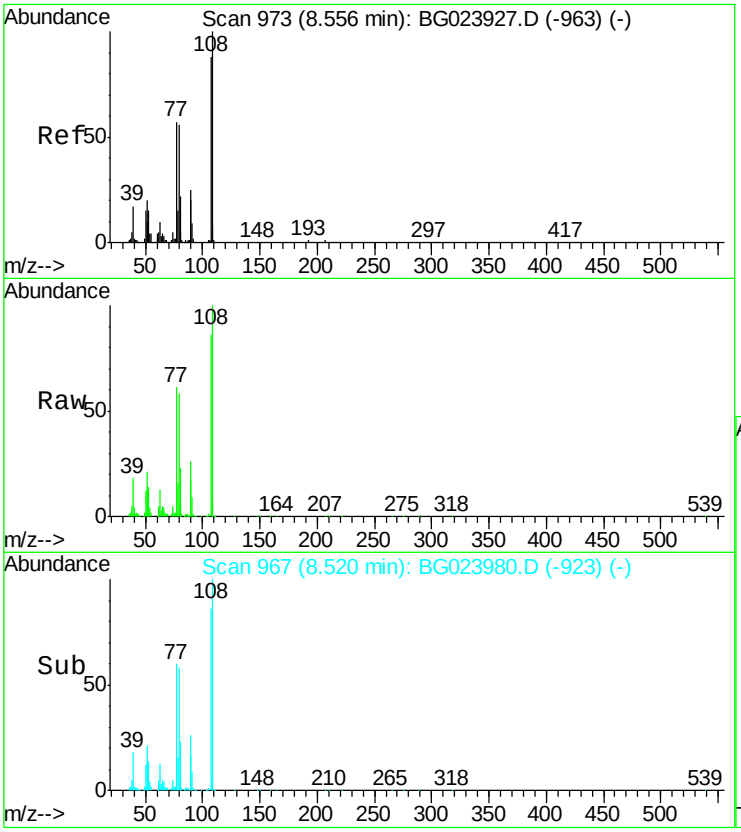


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.18 ng
RT: 8.60 min Scan# 980
Delta R.T. -0.04 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Tgt Ion: 45 Resp: 180423

Ion	Ratio	Lower	Upper
45	100		
77	20.7	0.6	40.6
79	15.1	0.0	36.2



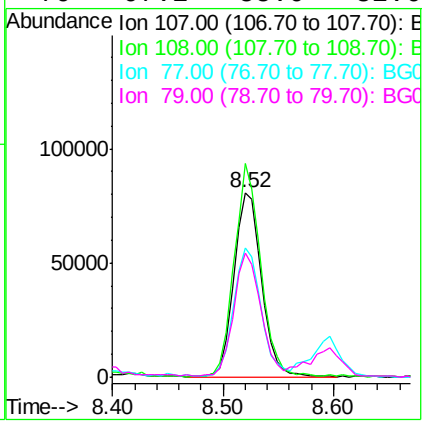


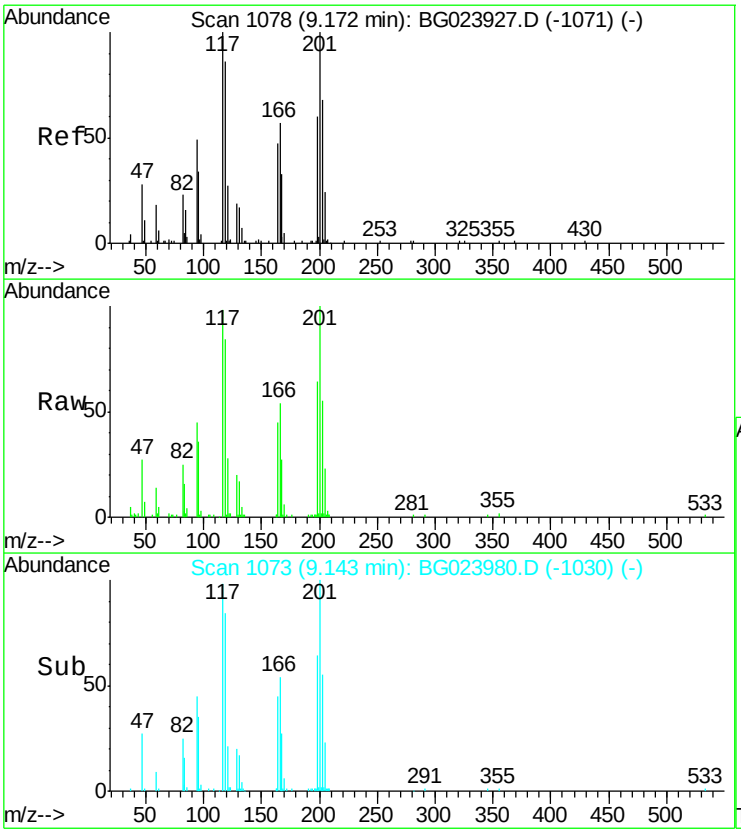
#17
2-Methylphenol
Concen: 54.88 ng
RT: 8.52 min Scan# 967
Delta R.T. -0.04 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMSD

Tgt Ion:107 Resp: 143202

Ion	Ratio	Lower	Upper
107	100		
108	115.8	92.0	138.0
77	70.2	55.8	83.6
79	67.2	55.0	82.6

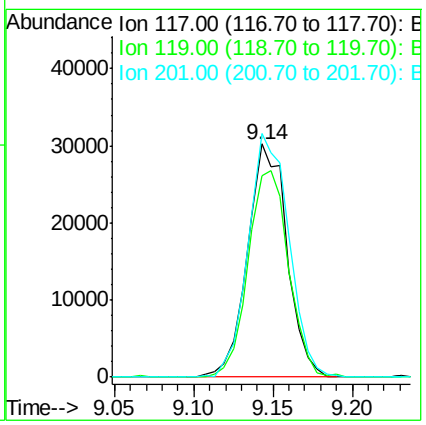


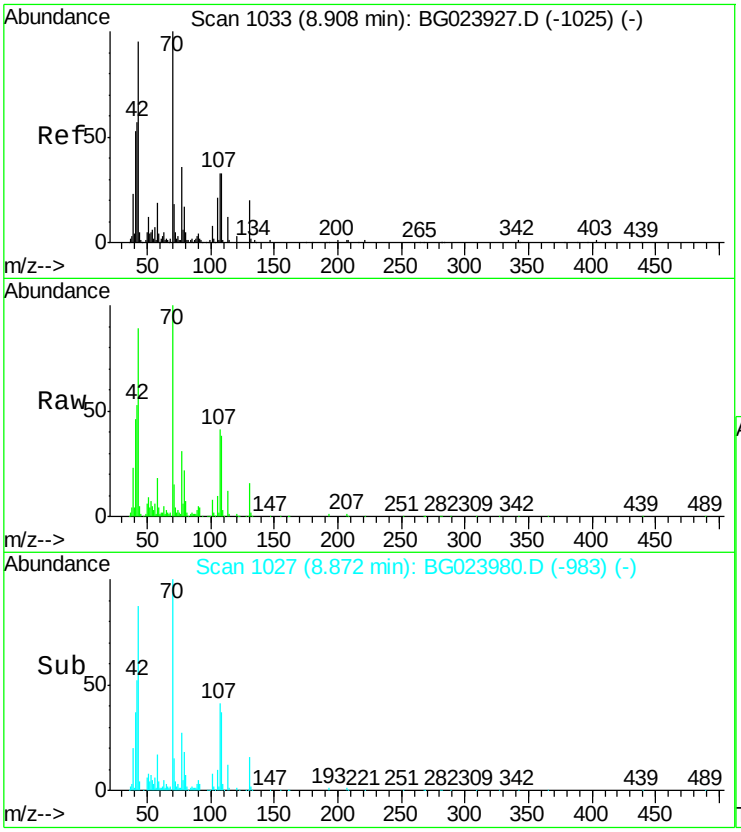


#18
Hexachloroethane
Concen: 39.45 ng
RT: 9.14 min Scan# 1073
Delta R.T. -0.05 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Tgt Ion:117 Resp: 52189

Ion	Ratio	Lower	Upper
117	100		
119	86.1	73.7	110.5
201	104.4	88.7	133.1



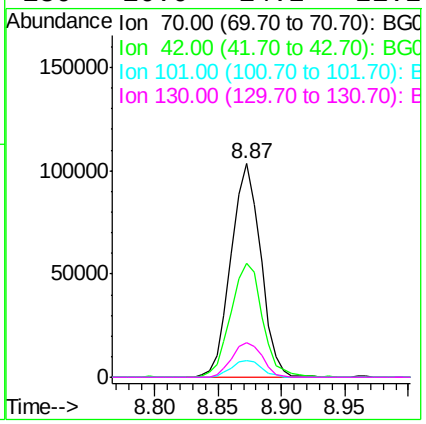


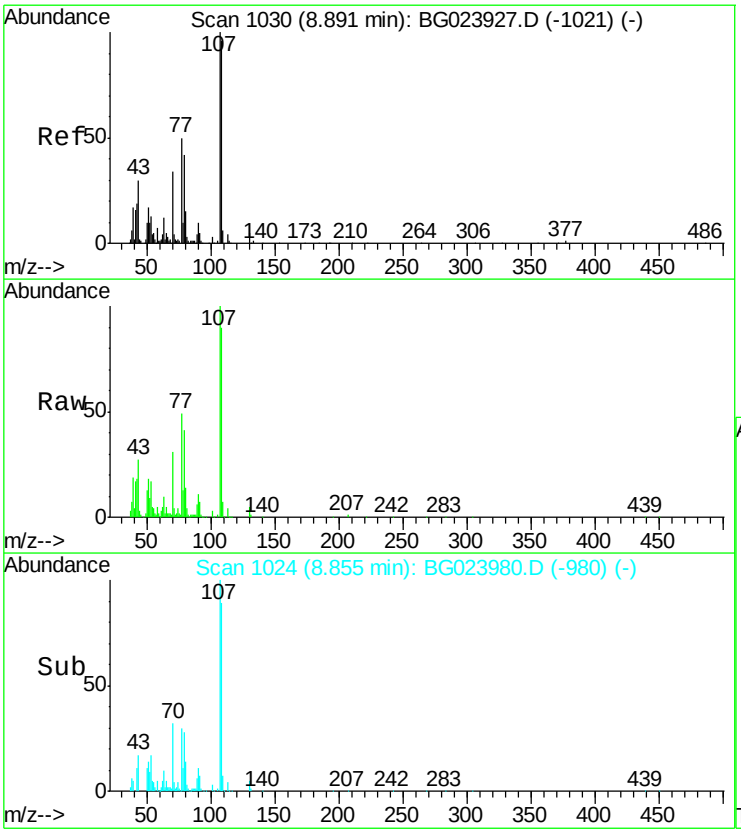
#19
n-Nitroso-di-n-propylamine
Concen: 51.73 ng
RT: 8.87 min Scan# 1027
Delta R.T. -0.04 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMSD

Tgt Ion: 70 Resp: 168245

Ion	Ratio	Lower	Upper
70	100		
42	53.1	42.1	63.1
101	8.0	7.2	10.8
130	16.0	14.2	21.2

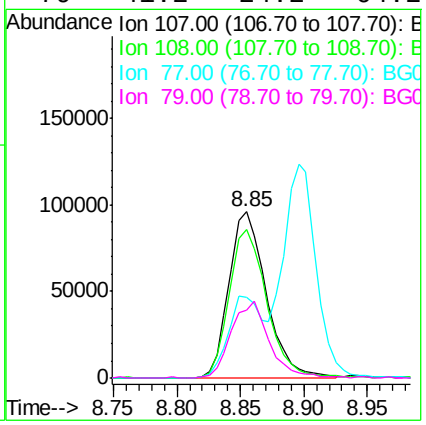


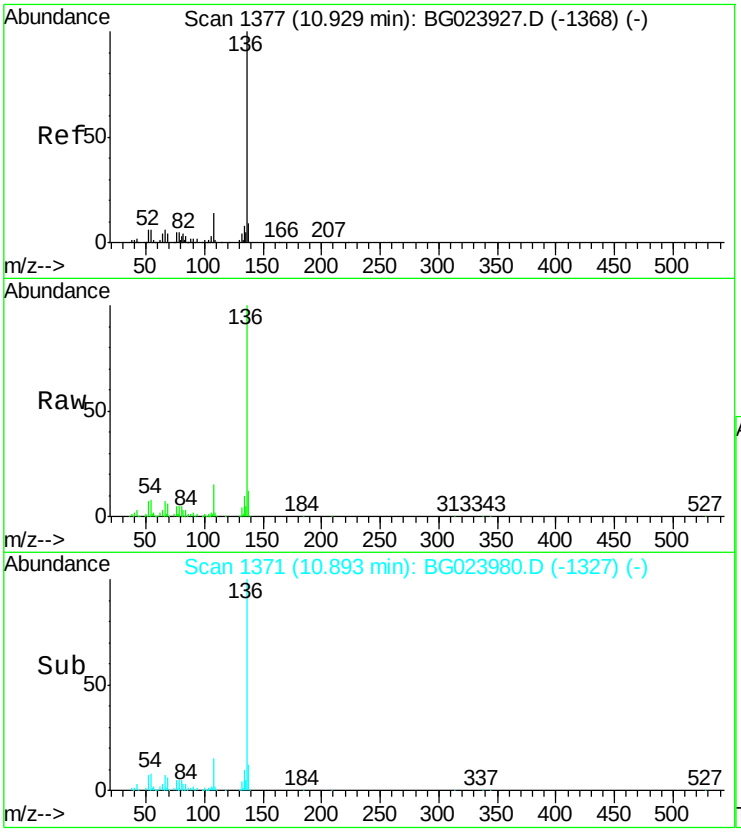


#20
3+4-Methylphenols
Concen: 54.17 ng
RT: 8.85 min Scan# 1024
Delta R.T. -0.04 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Tgt Ion:107 Resp: 196960

Ion	Ratio	Lower	Upper
107	100		
108	89.6	72.5	112.5
77	48.6	30.1	70.1
79	41.2	24.2	64.2



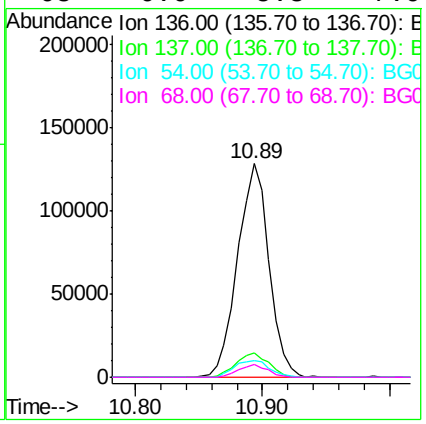


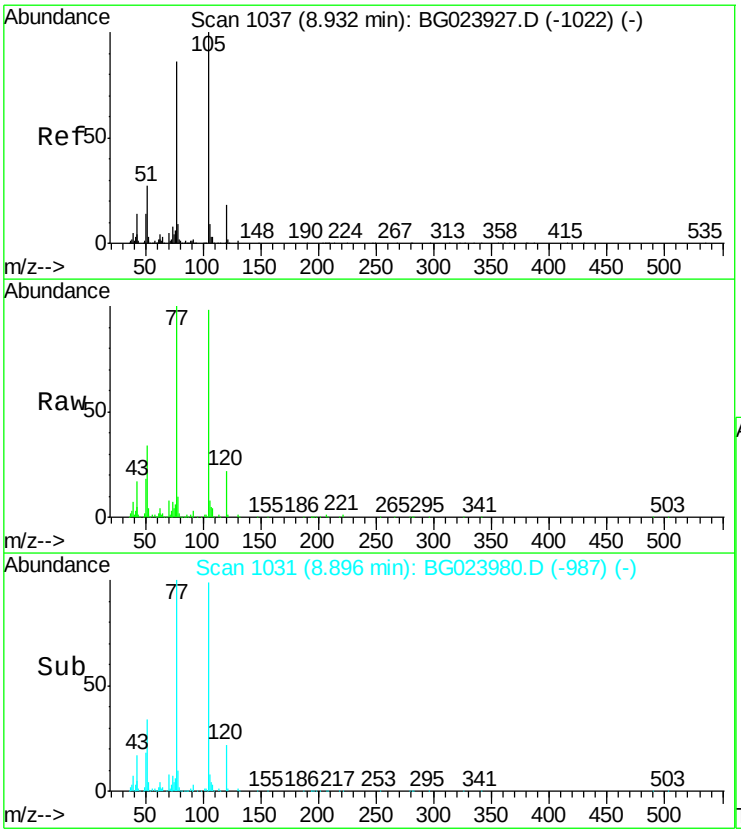
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.89 min Scan# 1371
Delta R.T. -0.04 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMSD

Tgt Ion:136 Resp: 220277

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	8.0	7.3	10.9
68	6.0	5.3	7.9

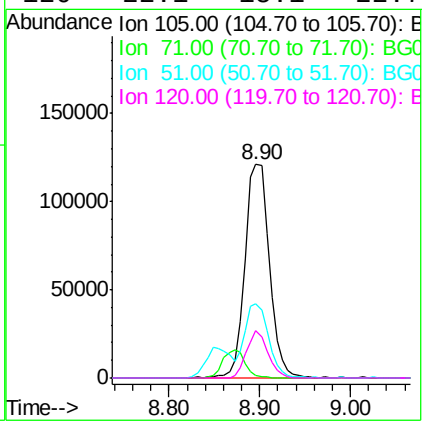


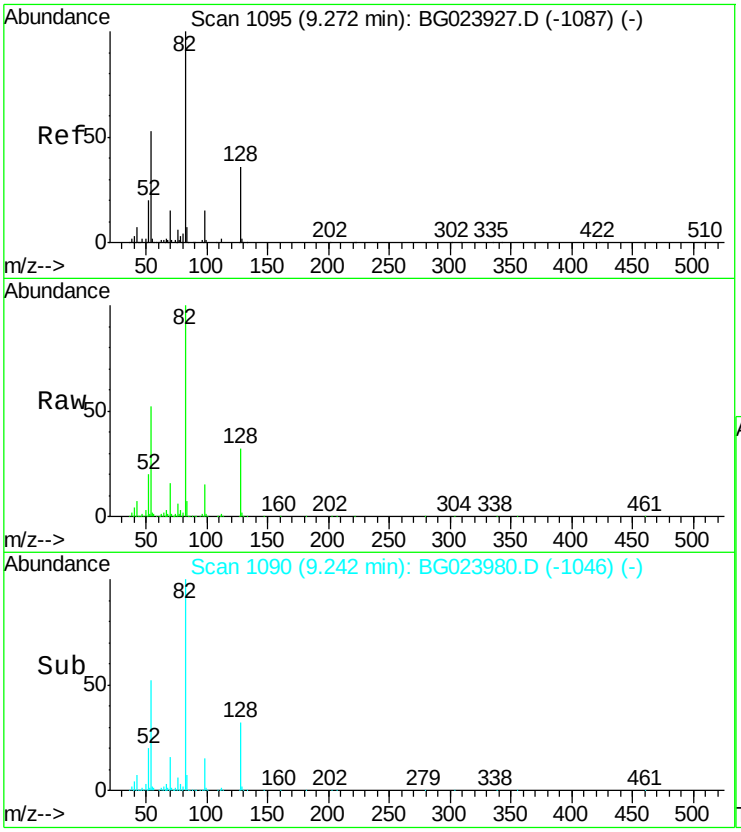


#22
Acetophenone
Concen: 39.76 ng
RT: 8.90 min Scan# 1031
Delta R.T. -0.04 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Tgt Ion:105 Resp: 226723

Ion	Ratio	Lower	Upper
105	100		
71	1.1	2.6	3.8#
51	34.7	27.1	40.7
120	22.1	15.1	22.7



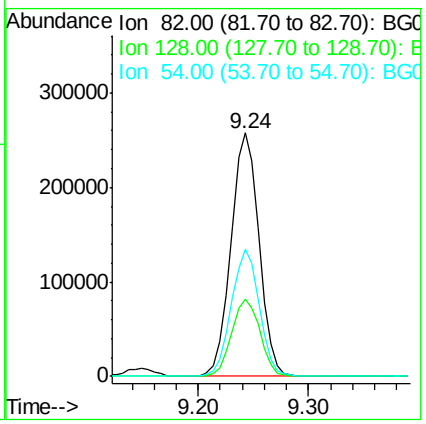


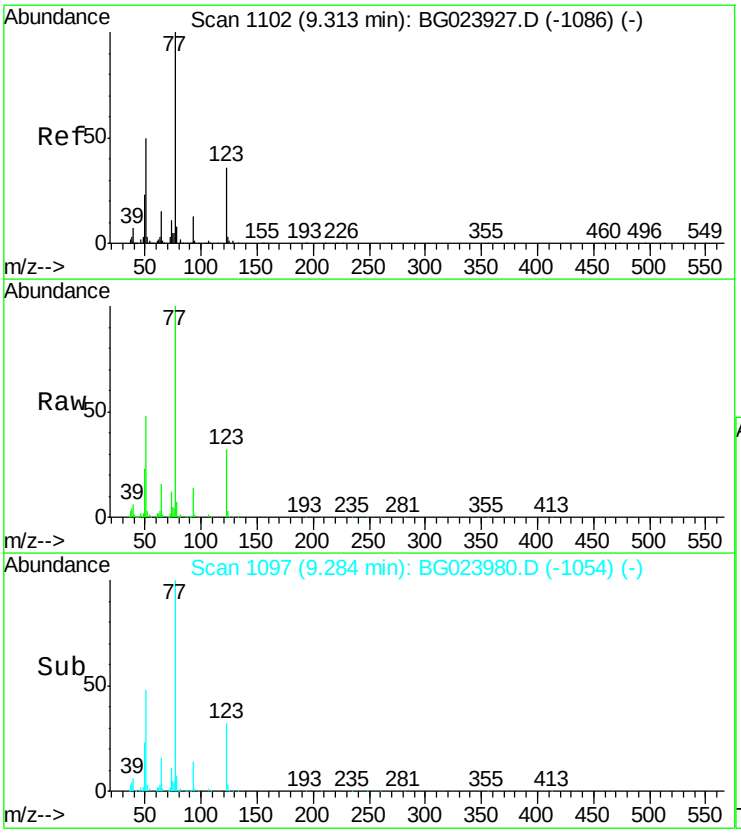
#23
Nitrobenzene-d5
Concen: 93.11 ng
RT: 9.24 min Scan# 1090
Delta R.T. -0.04 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMSD

Tgt Ion: 82 Resp: 459400

Ion	Ratio	Lower	Upper
82	100		
128	31.5	24.4	36.6
54	52.0	41.4	62.0

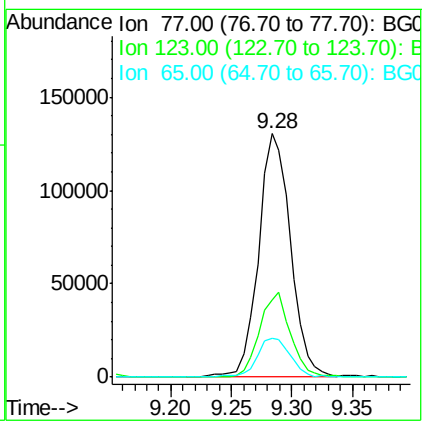


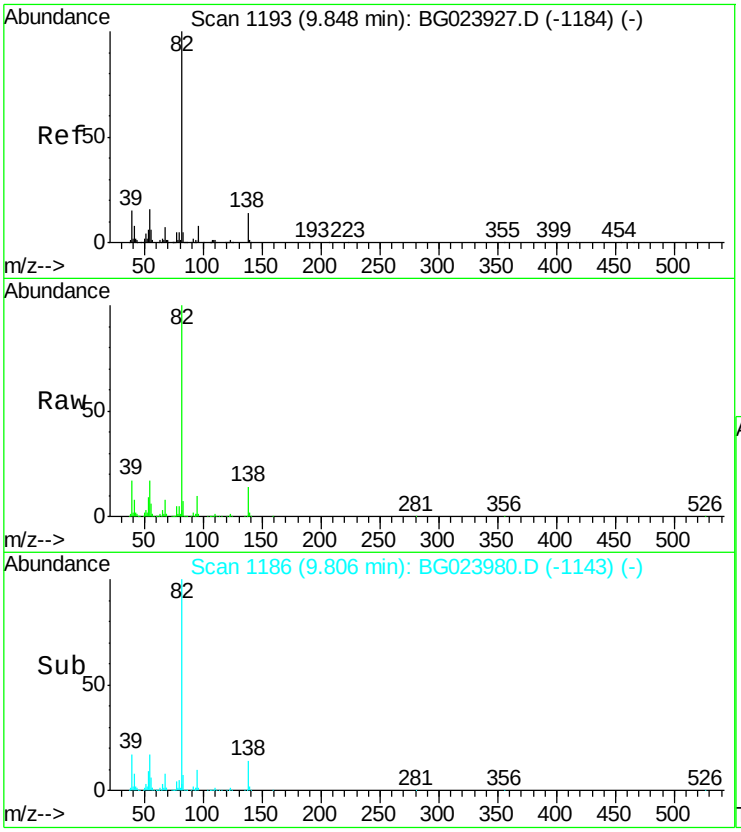


#24
Nitrobenzene
Concen: 44.90 ng
RT: 9.28 min Scan# 1097
Delta R.T. -0.05 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Tgt Ion: 77 Resp: 238234

Ion	Ratio	Lower	Upper
77	100		
123	31.7	25.0	37.6
65	15.8	13.4	20.0



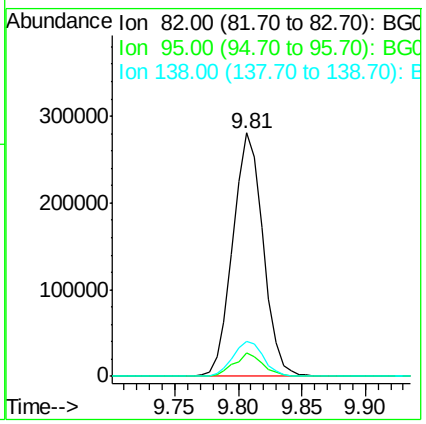


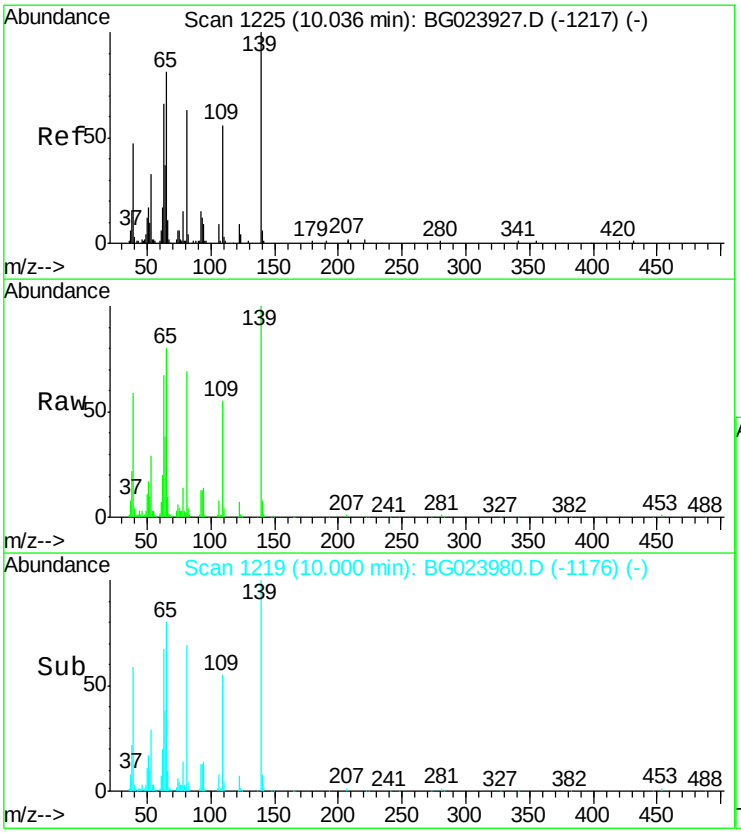
#25
Isophorone
Concen: 48.43 ng
RT: 9.81 min Scan# 1186
Delta R.T. -0.05 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMSD

Tgt Ion: 82 Resp: 463384

Ion	Ratio	Lower	Upper
82	100		
95	9.6	8.2	12.2
138	14.3	10.7	16.1

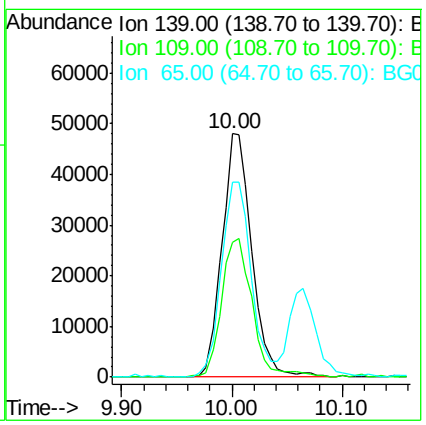


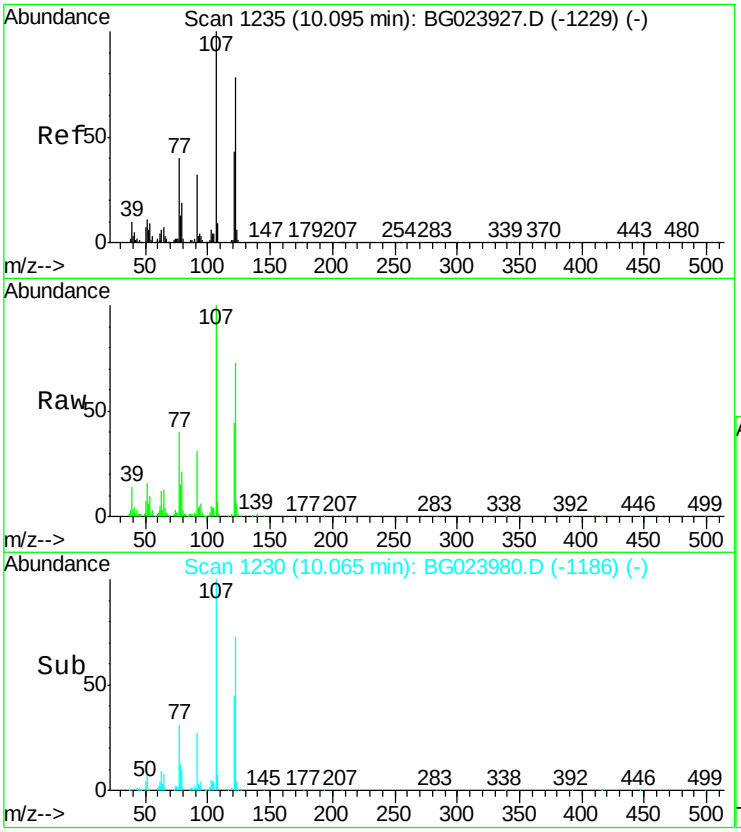


#26
2-Nitrophenol
Concen: 44.94 ng
RT: 10.00 min Scan# 1219
Delta R.T. -0.05 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Tgt Ion:139 Resp: 90644

Ion	Ratio	Lower	Upper
139	100		
109	55.3	43.5	65.3
65	79.8	64.3	96.5



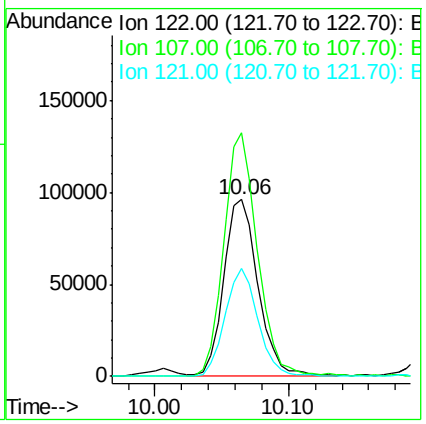


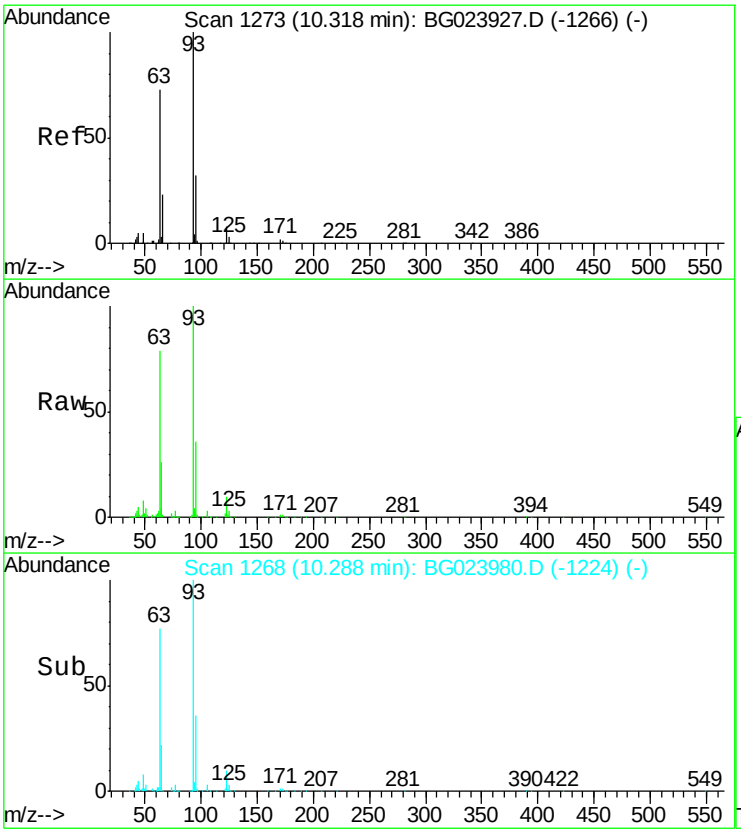
#27
2,4-Dimethylphenol
Concen: 49.92 ng
RT: 10.06 min Scan# 1230
Delta R.T. -0.04 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMSD

Tgt Ion:122 Resp: 171119

Ion	Ratio	Lower	Upper
122	100		
107	137.7	117.0	175.4
121	60.8	50.1	75.1

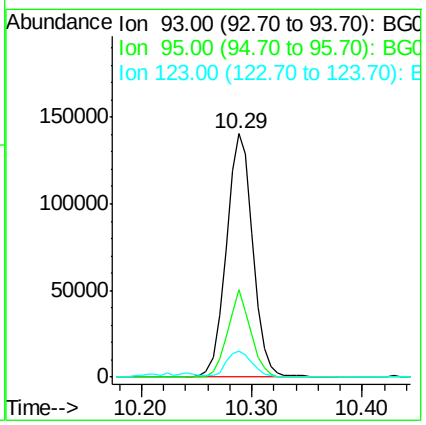


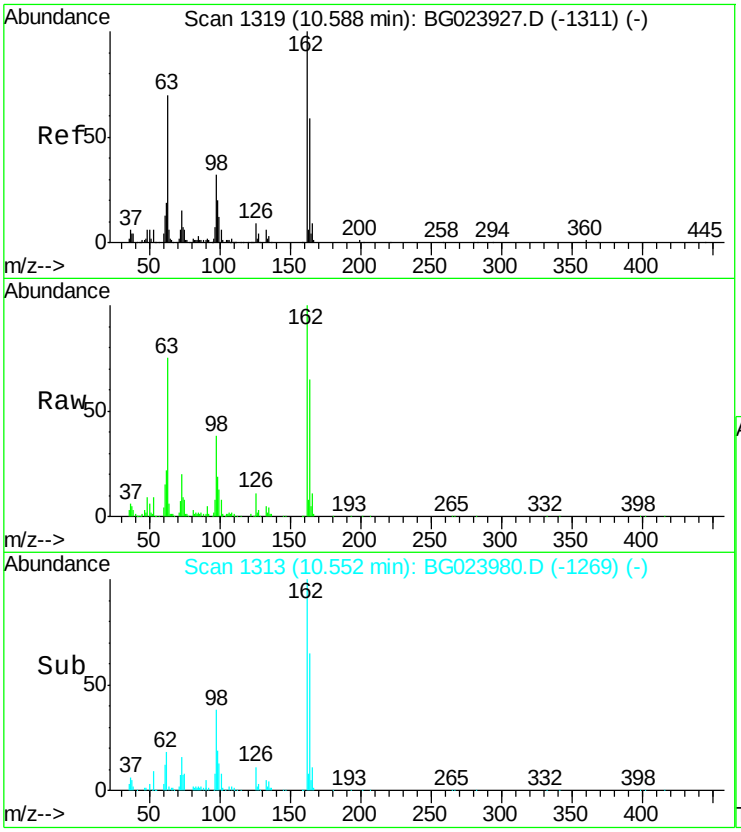


#28
bis(2-Chloroethoxy)methane
Concen: 48.69 ng
RT: 10.29 min Scan# 1268
Delta R.T. -0.04 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Tgt Ion: 93 Resp: 235230

Ion	Ratio	Lower	Upper
93	100		
95	35.9	25.4	38.2
123	10.5	8.2	12.2



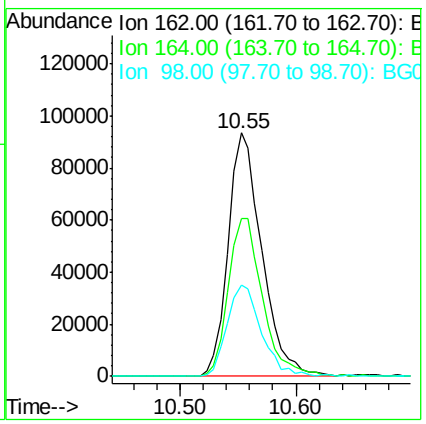


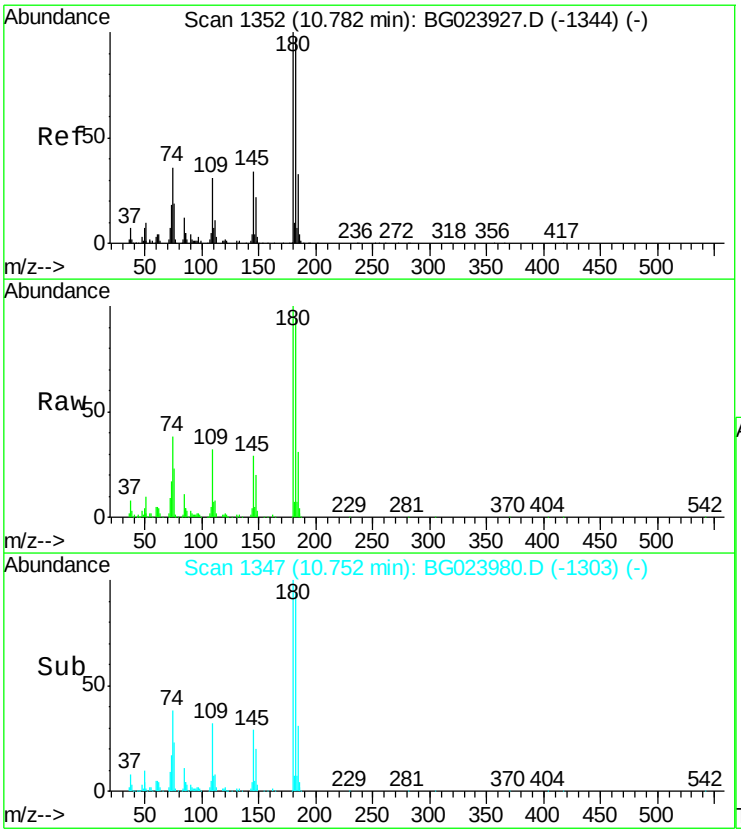
#29
2,4-Dichlorophenol
Concen: 52.00 ng
RT: 10.55 min Scan# 1313
Delta R.T. -0.04 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMSD

Tgt Ion:162 Resp: 188863

Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.3	84.3
98	37.5	19.5	59.5

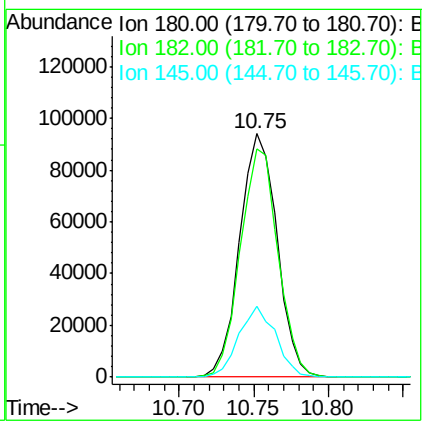


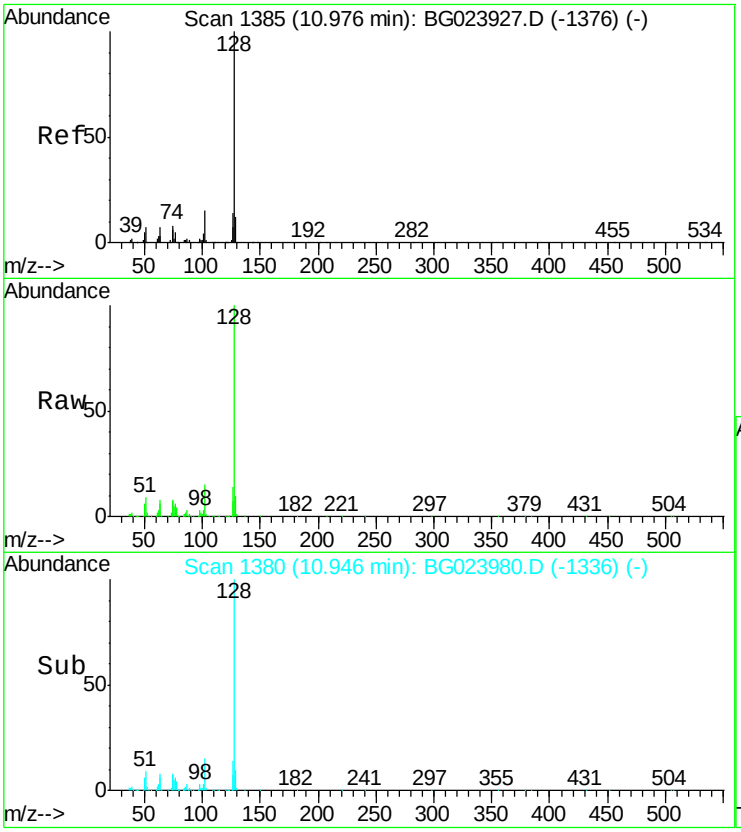


#30
1,2,4-Trichlorobenzene
Concen: 40.86 ng
RT: 10.75 min Scan# 1347
Delta R.T. -0.04 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Tgt Ion:180 Resp: 162750

Ion	Ratio	Lower	Upper
180	100		
182	93.7	73.8	110.8
145	29.1	24.4	36.6



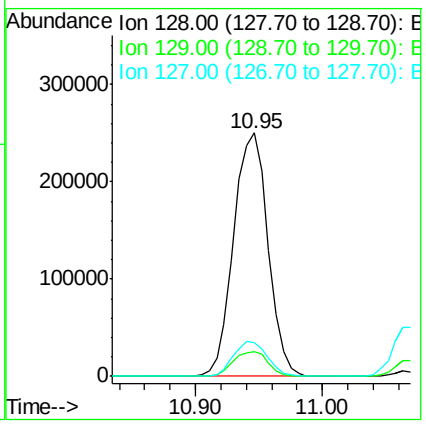


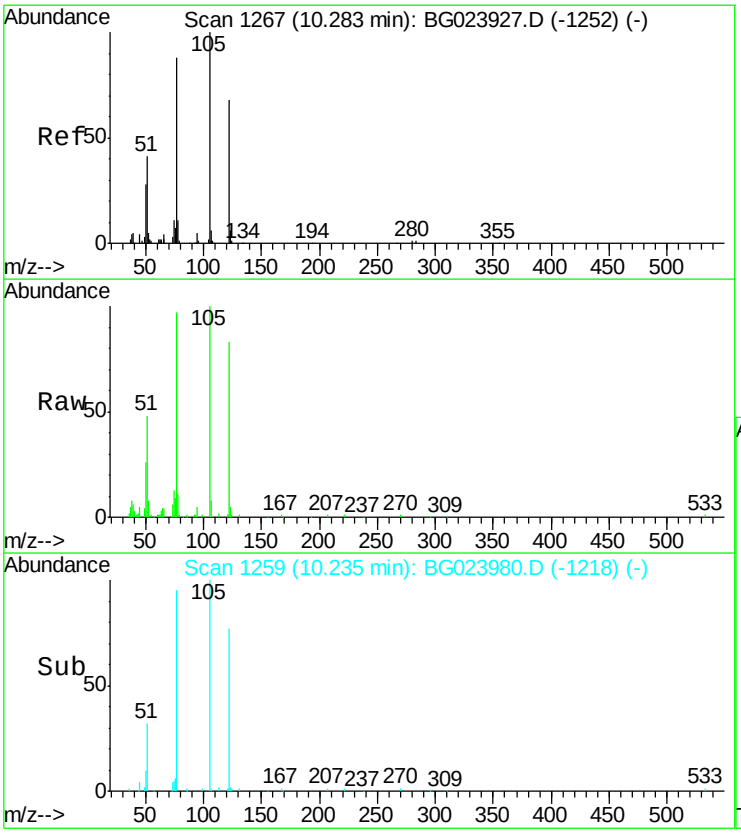
#31
Naphthalene
Concen: 41.41 ng
RT: 10.95 min Scan# 1380
Delta R.T. -0.04 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMSD

Tgt Ion:128 Resp: 470001

Ion	Ratio	Lower	Upper
128	100		
129	10.1	9.4	14.0
127	13.6	11.3	16.9

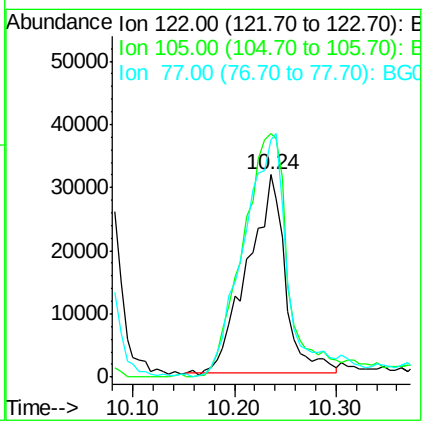


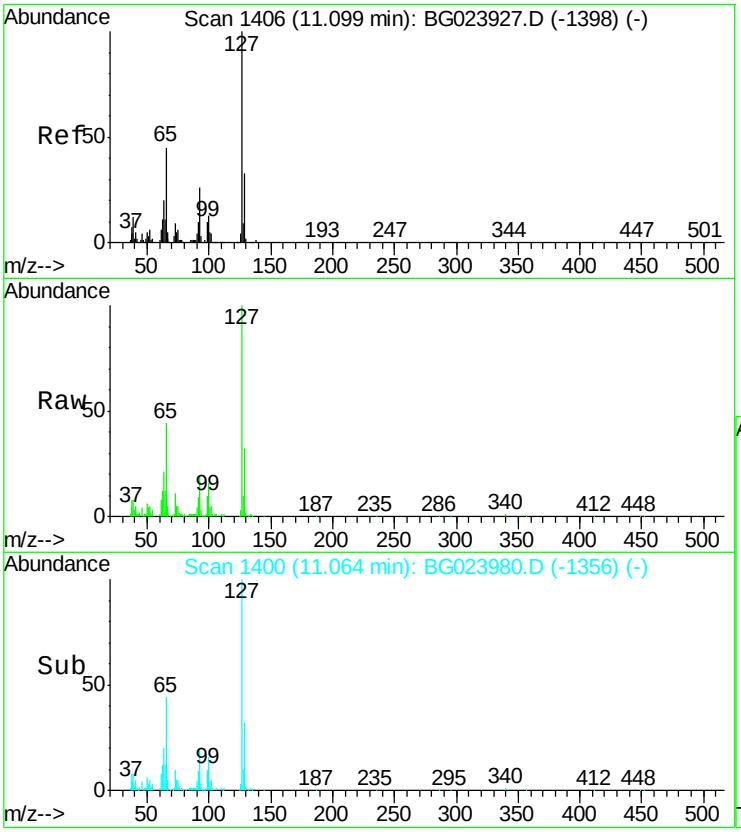


#32
Benzoic acid
Concen: 29.42 ng
RT: 10.24 min Scan# 1259
Delta R.T. -0.06 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Tgt Ion:122 Resp: 81912

Ion	Ratio	Lower	Upper
122	100		
105	120.3	117.2	157.2
77	117.0	109.2	149.2



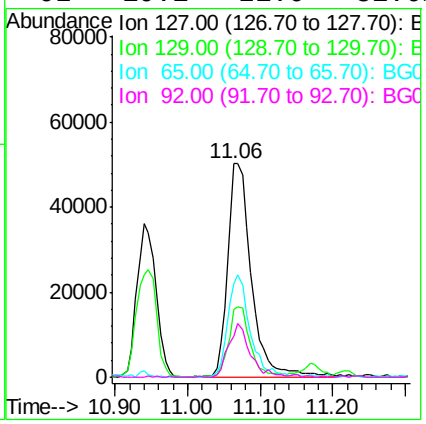


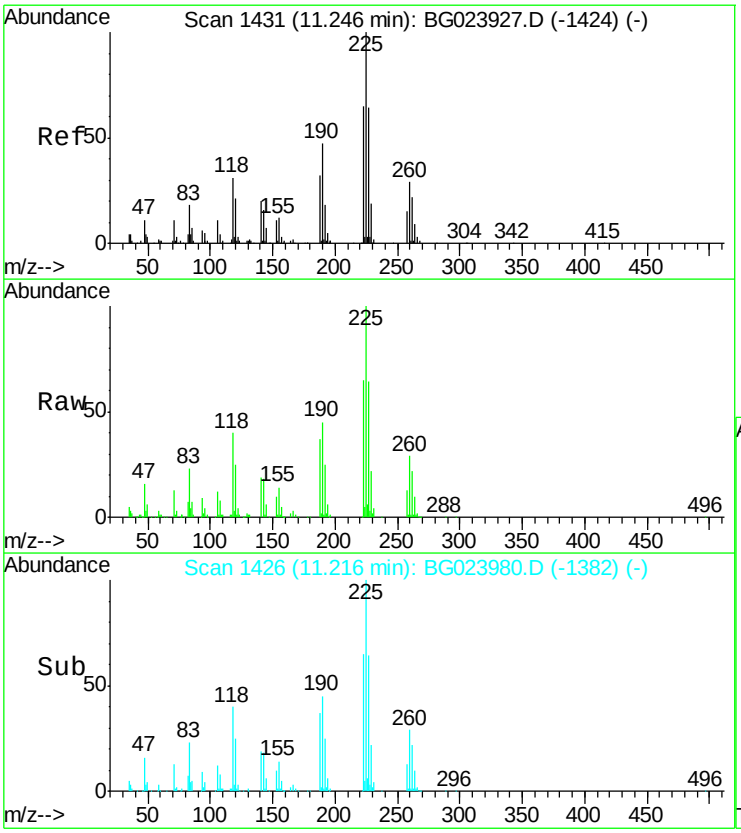
#33
4-Chloroaniline
Concen: 24.20 ng
RT: 11.06 min Scan# 1400
Delta R.T. -0.04 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMSD

Tgt Ion:127 Resp: 114714

Ion	Ratio	Lower	Upper
127	100		
129	31.9	27.9	41.9
65	43.6	36.8	55.2
92	19.1	21.0	31.6#

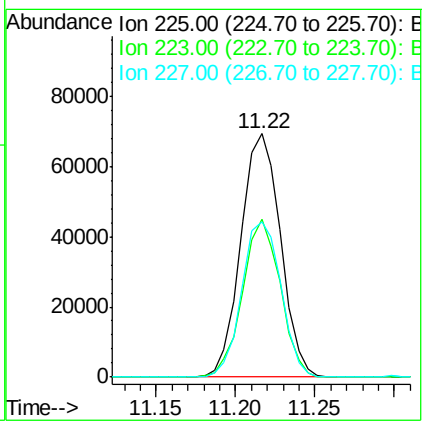


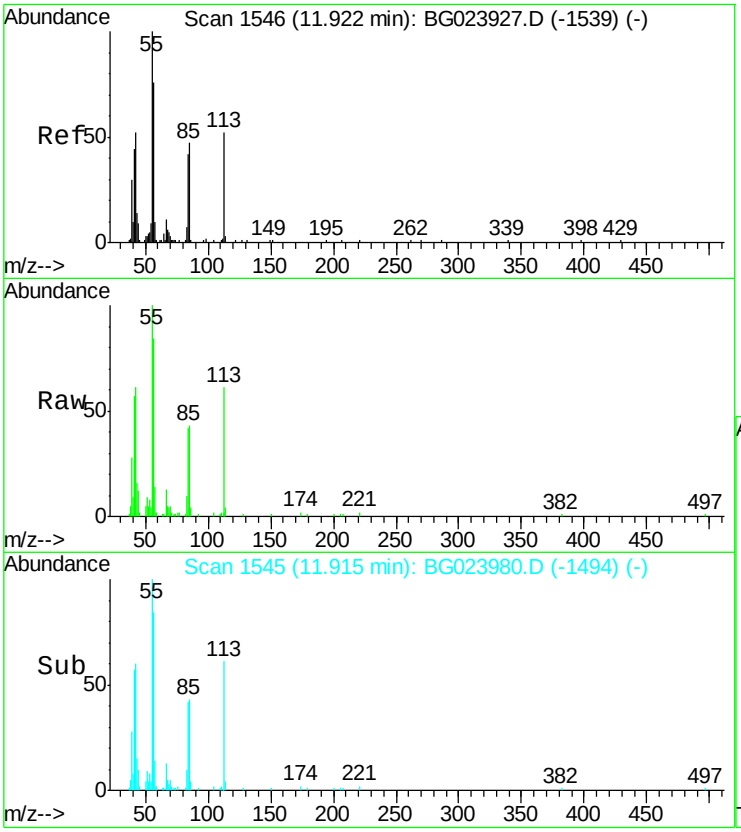


#34
Hexachlorobutadiene
Concen: 40.30 ng
RT: 11.22 min Scan# 1426
Delta R.T. -0.04 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Tgt Ion:225 Resp: 120575

Ion	Ratio	Lower	Upper
225	100		
223	64.9	49.6	74.4
227	63.9	54.5	81.7



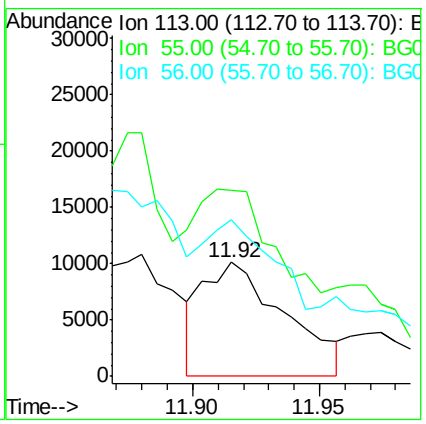


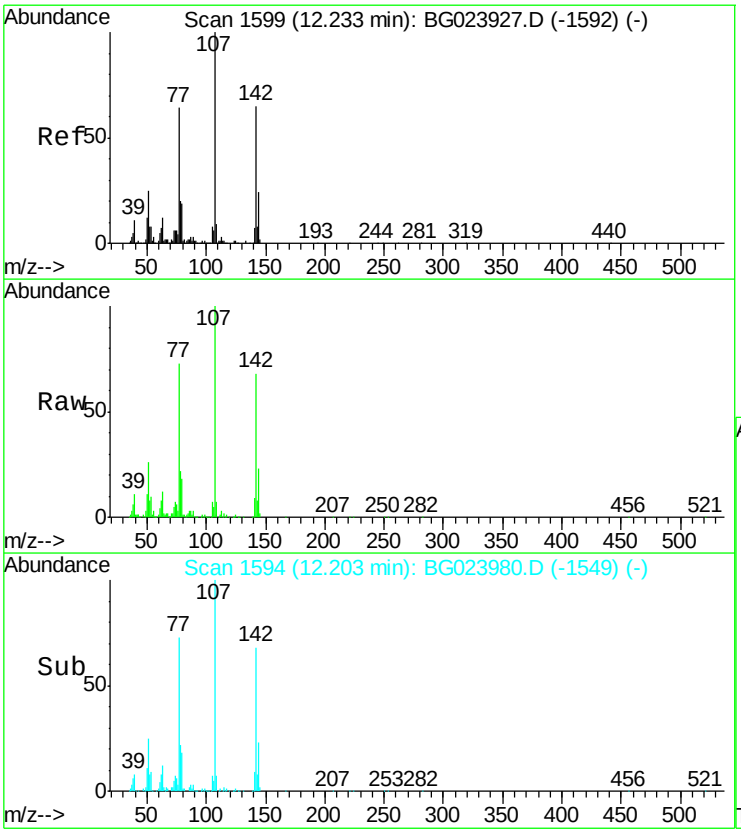
#35
Caprolactam
Concen: 17.71 ng
RT: 11.92 min Scan# 1545
Delta R.T. -0.00 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMSD

Tgt Ion:113 Resp: 22675

Ion	Ratio	Lower	Upper
113	100		
55	163.7	154.5	194.5
56	136.8	125.1	165.1

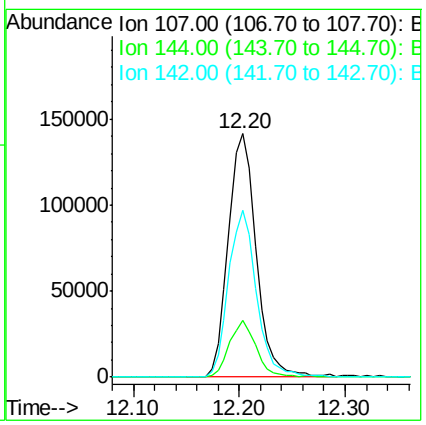


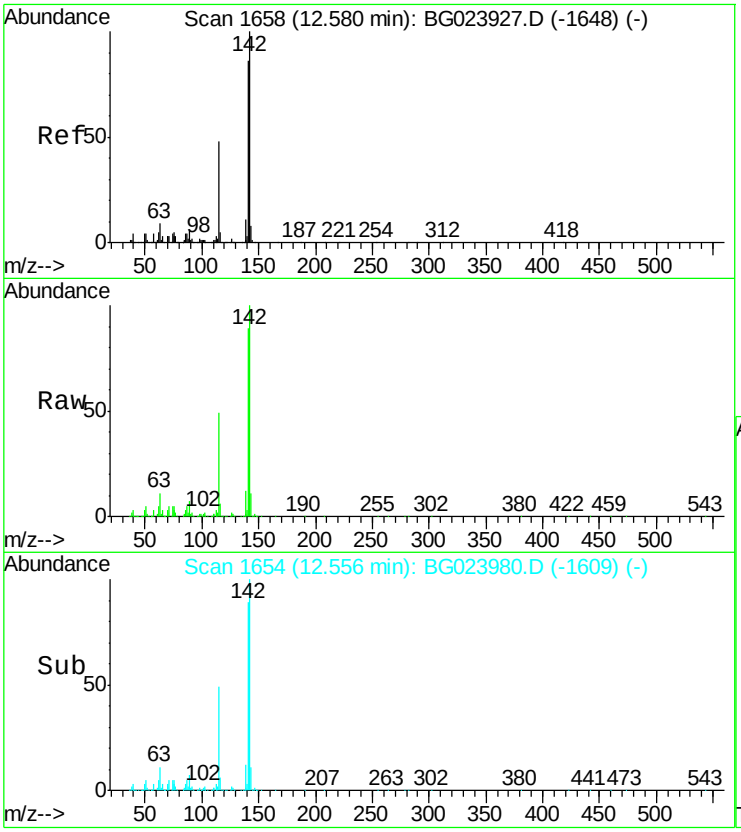


#36
4-Chloro-3-methylphenol
Concen: 53.14 ng
RT: 12.20 min Scan# 1594
Delta R.T. -0.04 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Tgt Ion:107 Resp: 257875

Ion	Ratio	Lower	Upper
107	100		
144	23.3	17.0	25.6
142	68.3	53.0	79.6



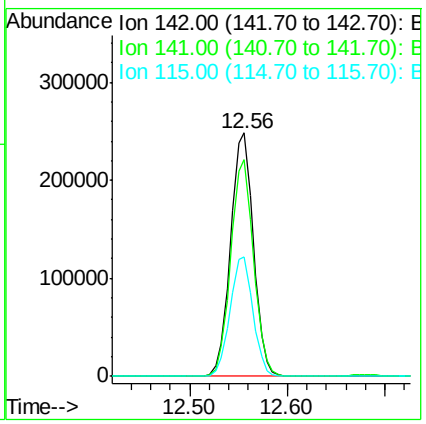


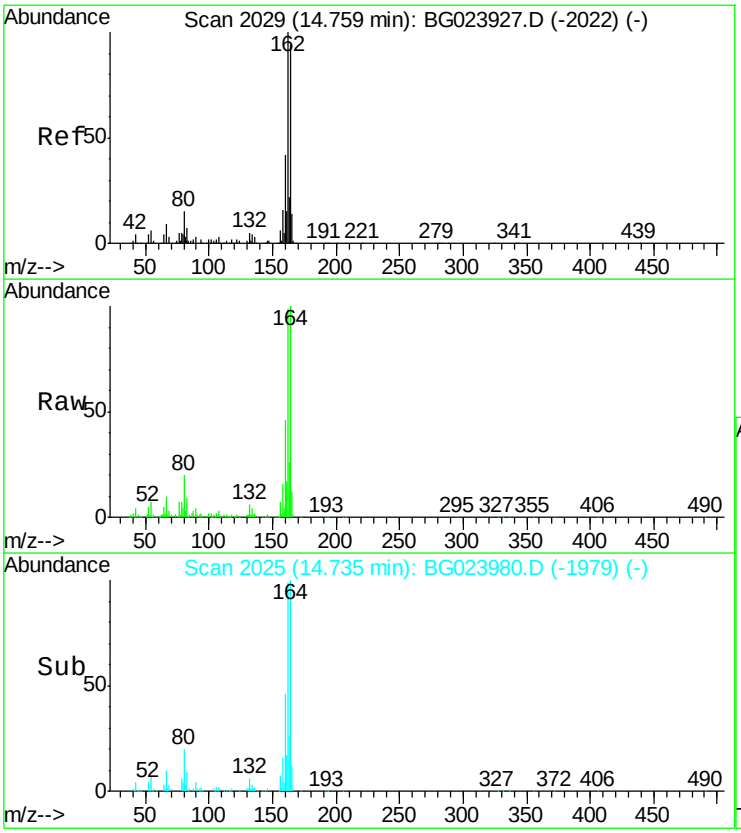
#37
2-Methylnaphthalene
Concen: 46.75 ng
RT: 12.56 min Scan# 1654
Delta R.T. -0.04 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMSD

Tgt Ion:142 Resp: 403673

Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.2	105.2
115	49.2	41.7	62.5

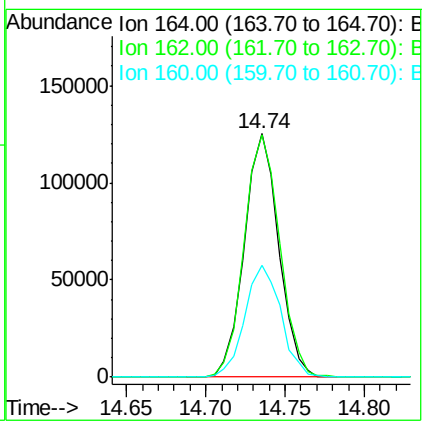


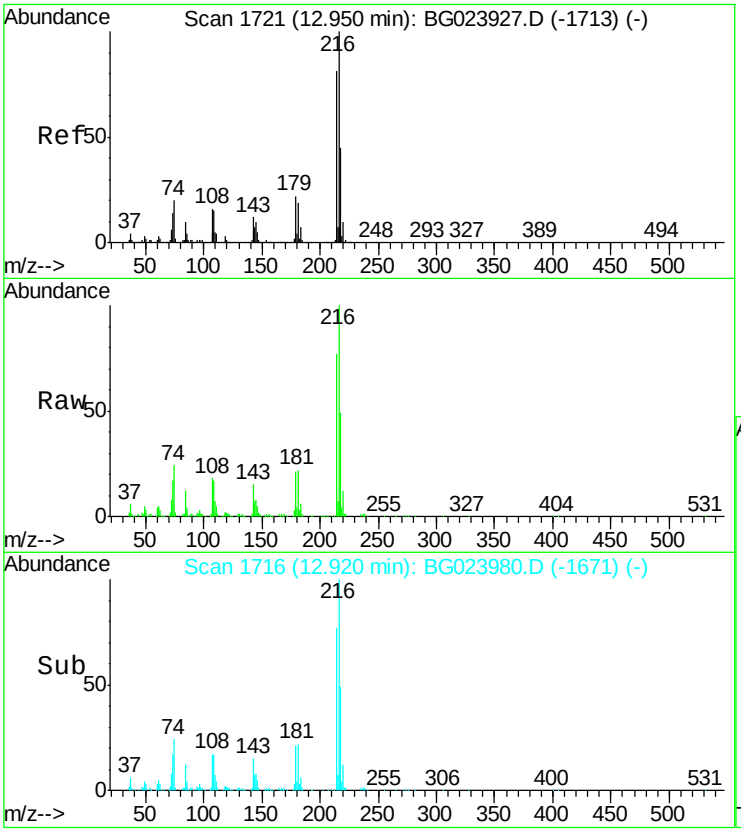


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2025
Delta R.T. -0.03 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Tgt Ion:164 Resp: 188712

Ion	Ratio	Lower	Upper
164	100		
162	99.3	87.7	131.5
160	46.0	37.2	55.8



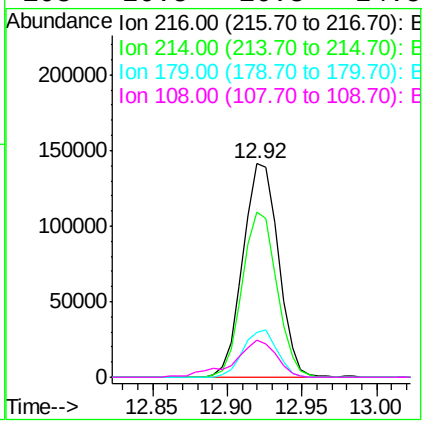


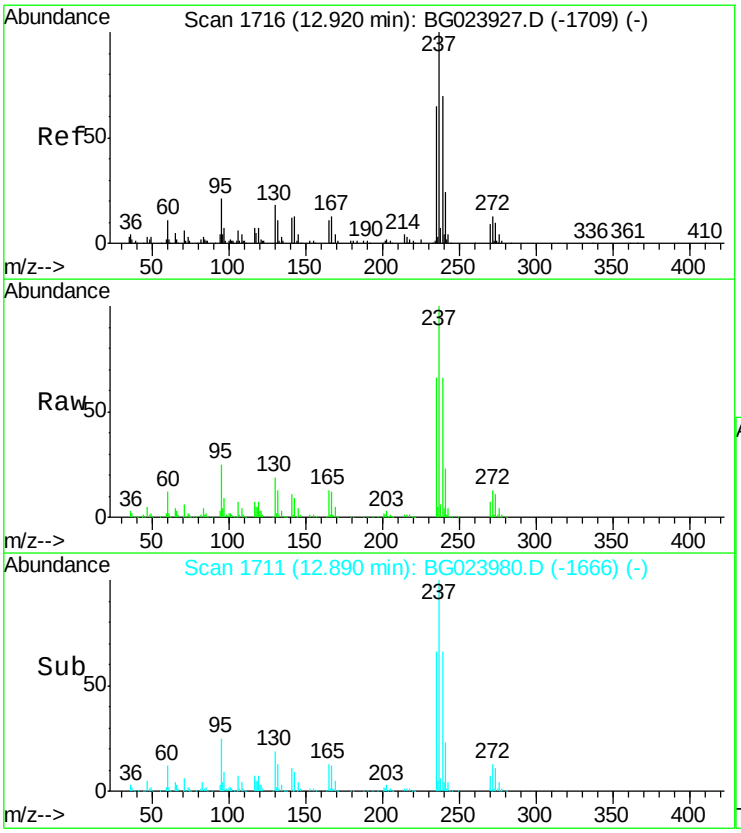
#39
1,2,4,5-Tetrachlorobenzene
Concen: 37.03 ng
RT: 12.92 min Scan# 1716
Delta R.T. -0.04 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMSD

Tgt Ion:216 Resp: 231950

Ion	Ratio	Lower	Upper
216	100		
214	75.4	62.9	94.3
179	21.3	17.2	25.8
108	20.5	16.3	24.5

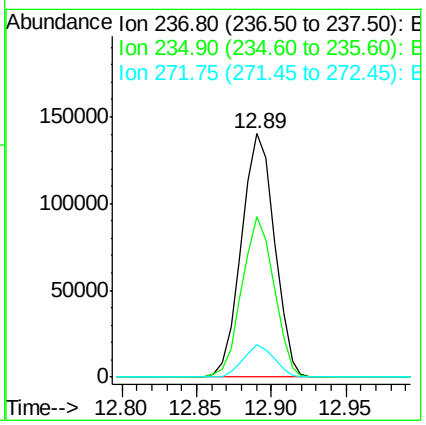


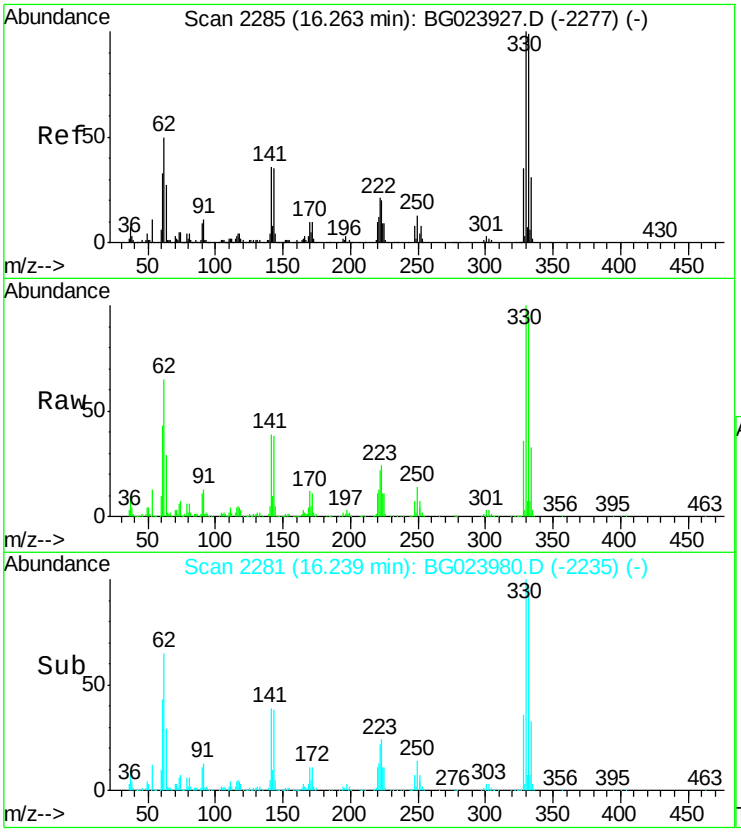


#40
Hexachlorocyclopentadiene
Concen: 58.94 ng
RT: 12.89 min Scan# 1711
Delta R.T. -0.04 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Tgt Ion:237 Resp: 214732

Ion	Ratio	Lower	Upper
237	100		
235	66.1	43.1	83.1
272	13.1	0.0	30.9



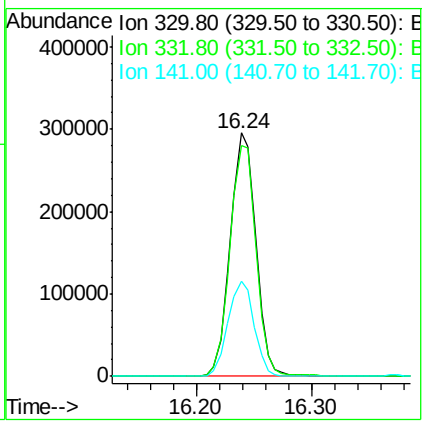


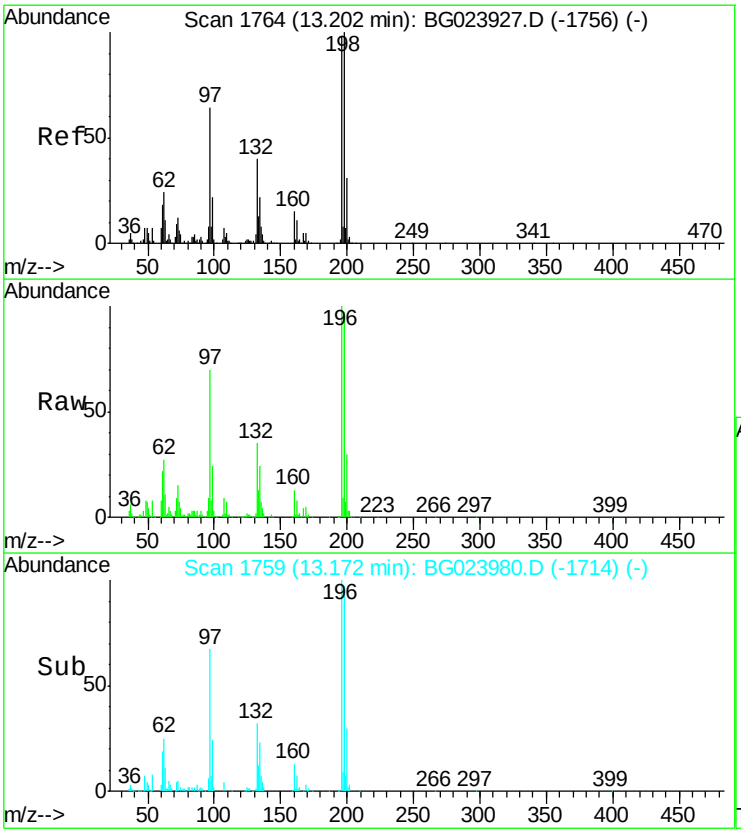
#41
2,4,6-Tribromophenol
Concen: 133.37 ng
RT: 16.24 min Scan# 2281
Delta R.T. -0.03 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMSD

Tgt Ion:330 Resp: 453444

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.4	116.2
141	39.8	31.7	47.5

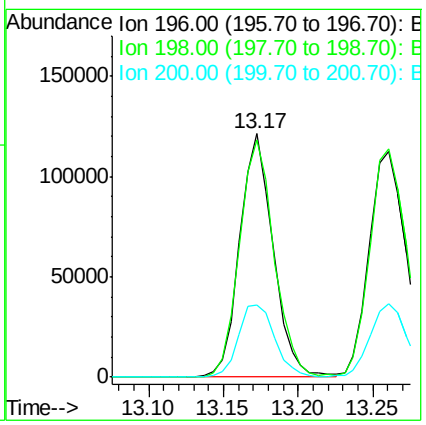


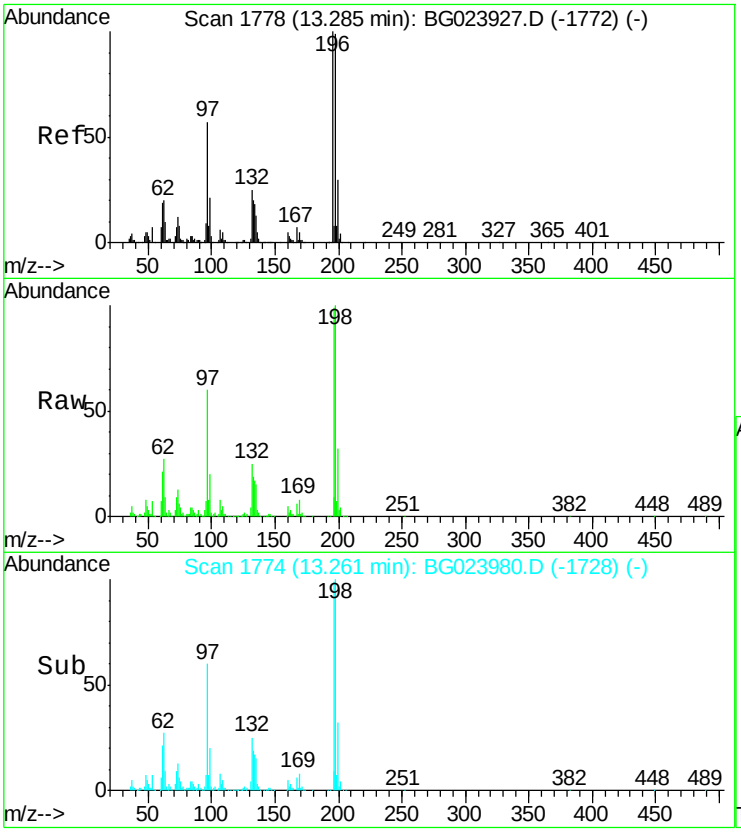


#42
2,4,6-Trichlorophenol
Concen: 45.06 ng
RT: 13.17 min Scan# 1759
Delta R.T. -0.04 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Tgt Ion:196 Resp: 188368

Ion	Ratio	Lower	Upper
196	100		
198	97.3	78.2	117.2
200	29.8	27.0	40.4



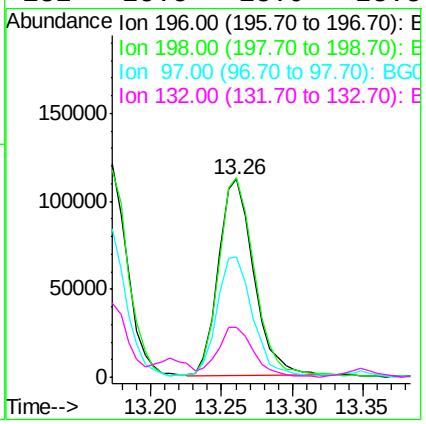


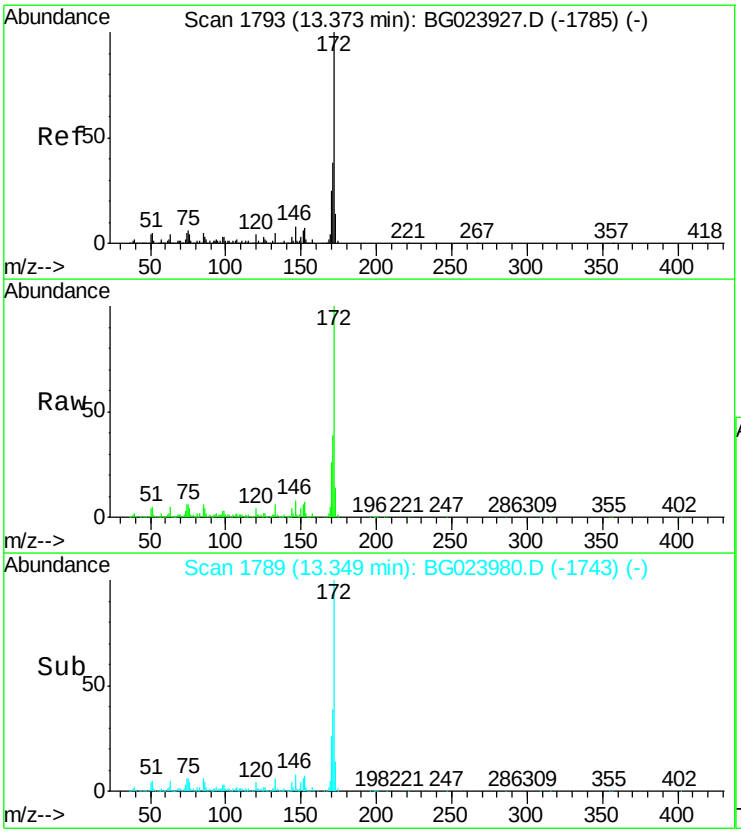
#43
2,4,5-Trichlorophenol
Concen: 46.19 ng
RT: 13.26 min Scan# 1774
Delta R.T. -0.03 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMSD

Tgt Ion:196 Resp: 195195

Ion	Ratio	Lower	Upper
196	100		
198	100.9	85.7	128.5
97	60.9	45.5	68.3
132	25.5	18.9	28.3

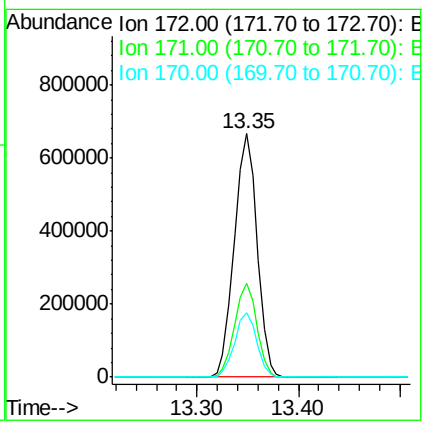


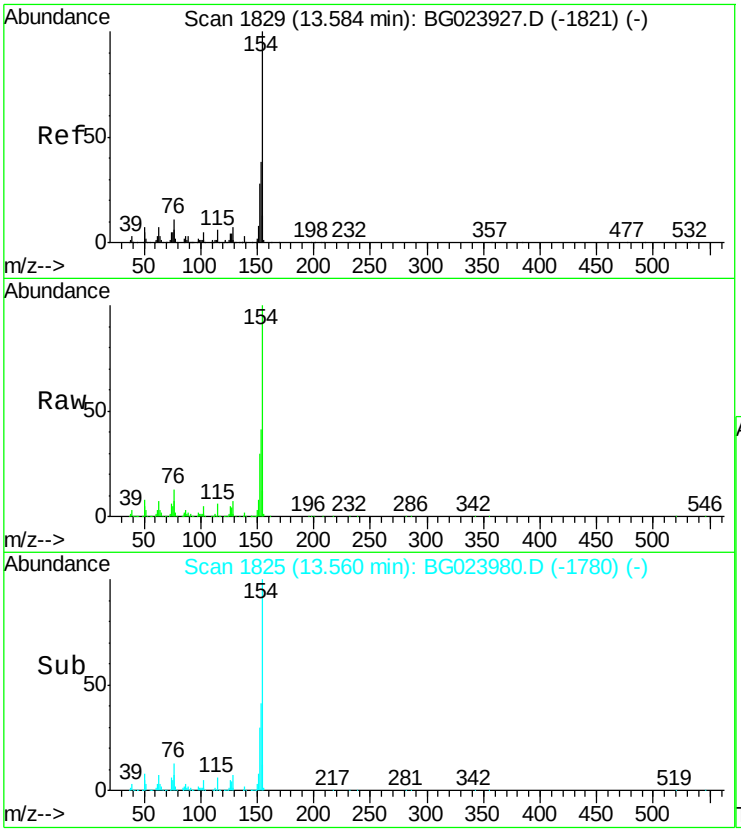


#44
2-Fluorobiphenyl
Concen: 79.09 ng
RT: 13.35 min Scan# 1789
Delta R.T. -0.03 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Tgt Ion:172 Resp: 1040956

Ion	Ratio	Lower	Upper
172	100		
171	38.7	31.6	47.4
170	26.4	21.3	31.9



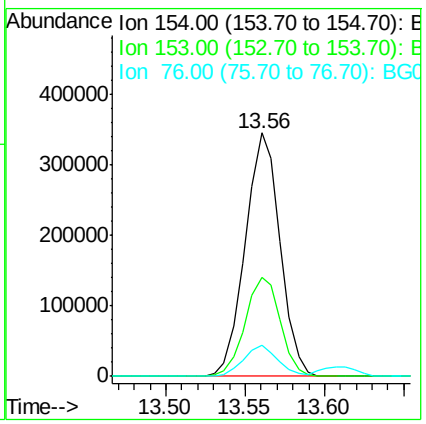


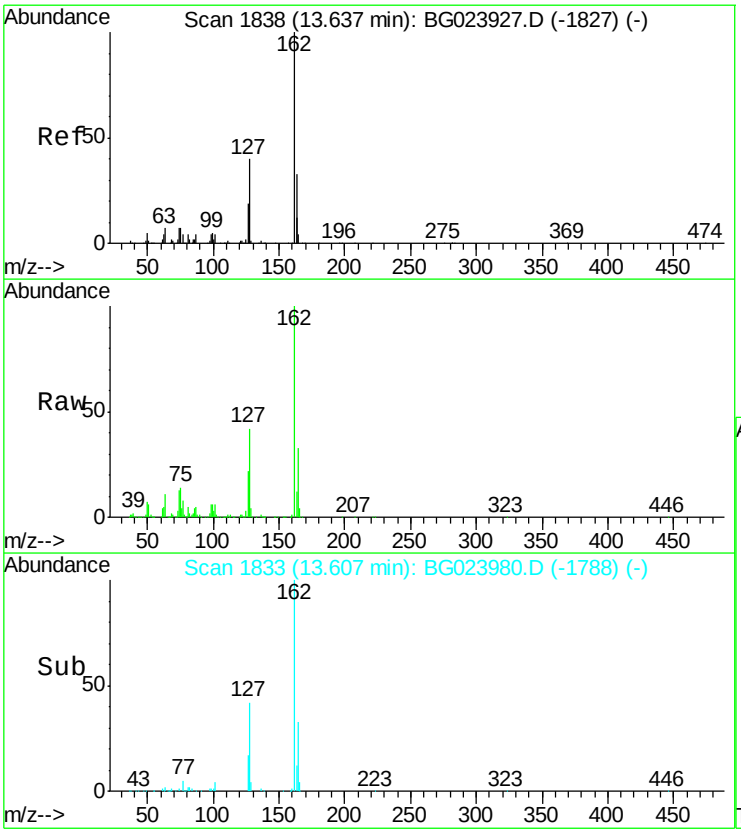
#45
1,1'-Biphenyl
Concen: 34.64 ng
RT: 13.56 min Scan# 1825
Delta R.T. -0.04 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMSD

Tgt Ion:154 Resp: 525739

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.2	60.2
76	12.6	0.0	32.9

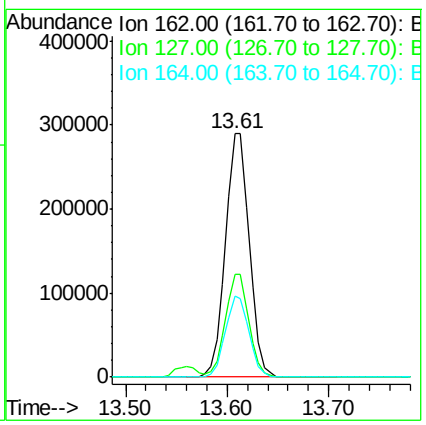


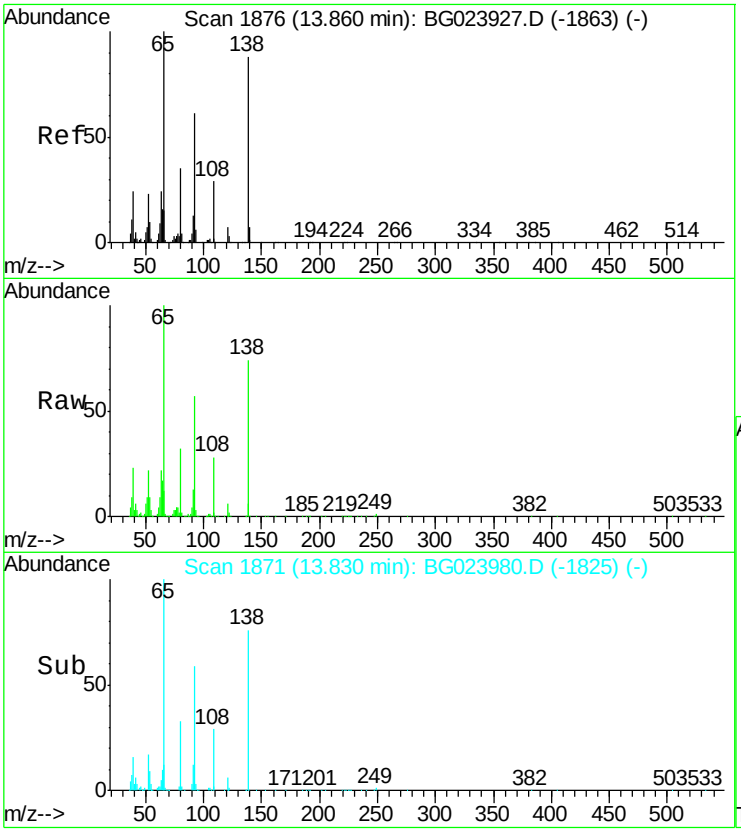


#46
2-Chloronaphthalene
Concen: 42.35 ng
RT: 13.61 min Scan# 1833
Delta R.T. -0.04 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Tgt Ion:162 Resp: 471877

Ion	Ratio	Lower	Upper
162	100		
127	42.4	32.4	48.6
164	33.4	25.2	37.8



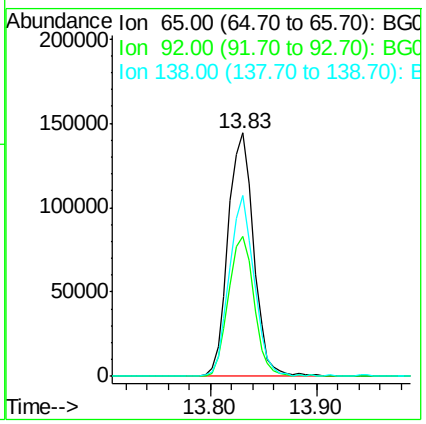


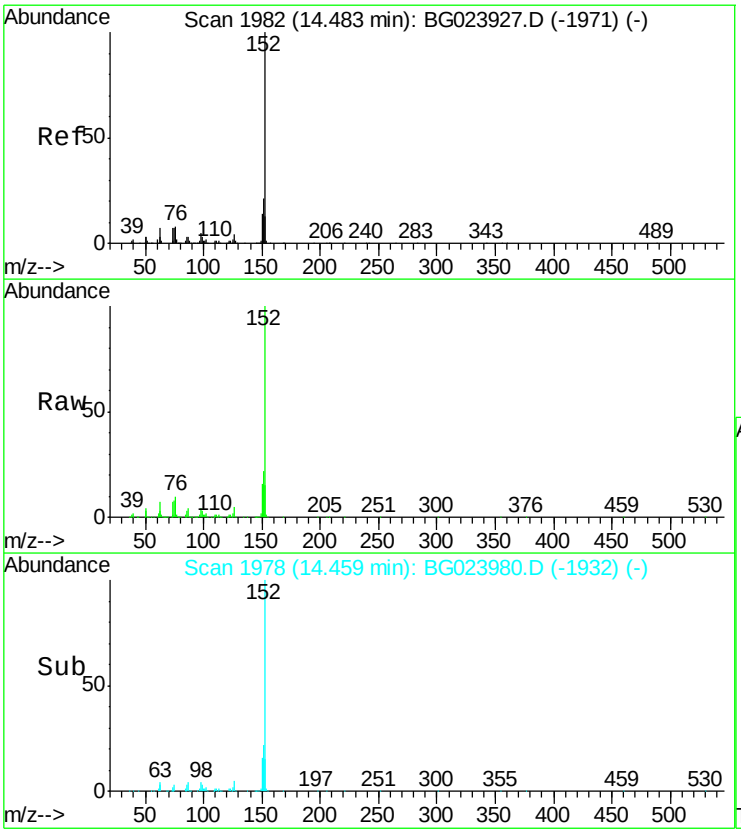
#47
2-Nitroaniline
Concen: 54.78 ng
RT: 13.83 min Scan# 1871
Delta R.T. -0.03 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMSD

Tgt Ion: 65 Resp: 240435

Ion	Ratio	Lower	Upper
65	100		
92	57.4	49.4	74.0
138	74.1	58.0	87.0

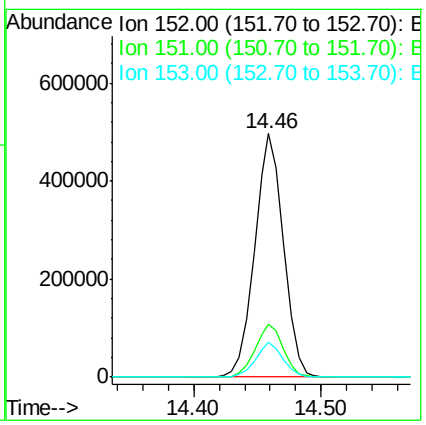


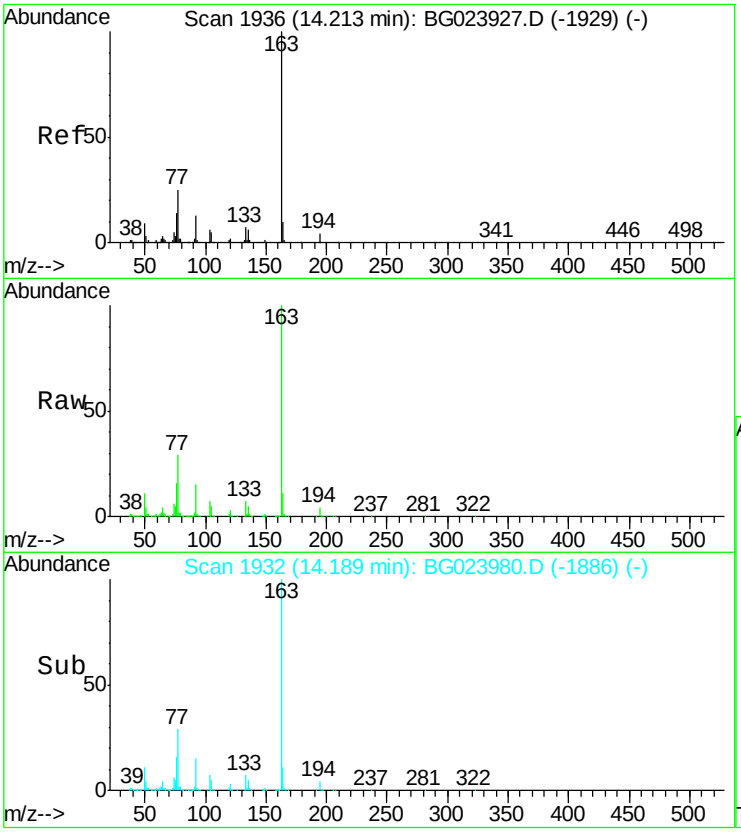


#48
Acenaphthylene
Concen: 41.93 ng
RT: 14.46 min Scan# 1978
Delta R.T. -0.03 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Tgt Ion:152 Resp: 778820

Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.6	26.4
153	14.5	11.4	17.2



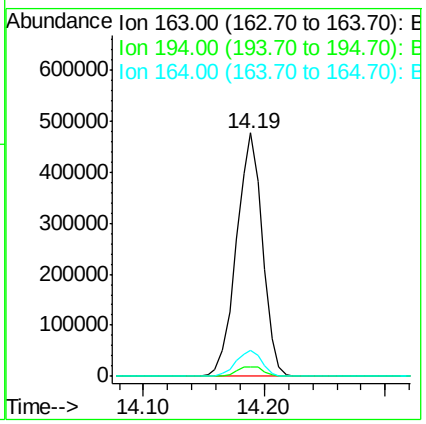


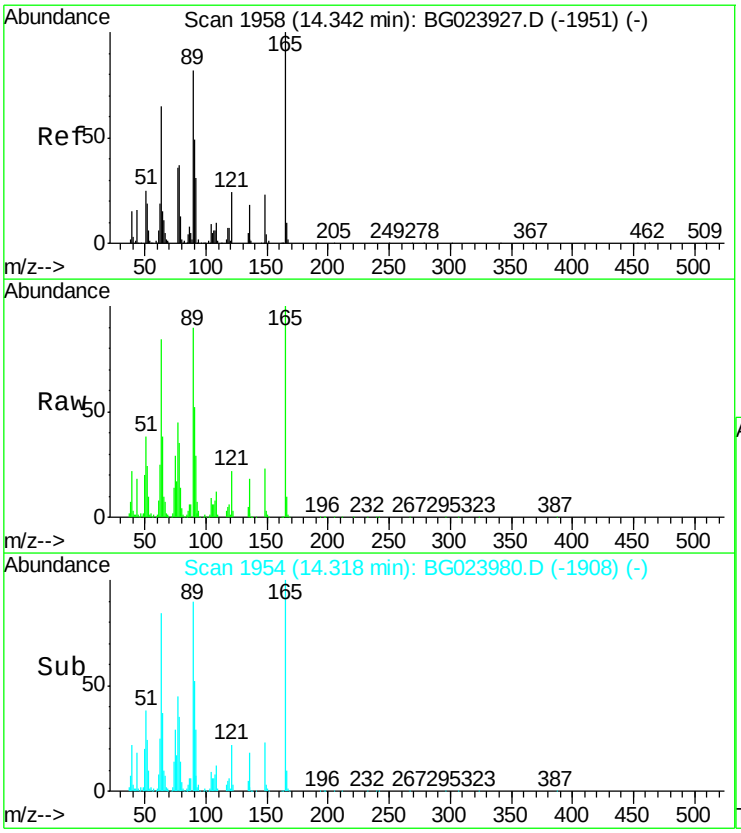
#49
Dimethylphthalate
Concen: 44.23 ng
RT: 14.19 min Scan# 1932
Delta R.T. -0.03 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMSD

Tgt Ion:163 Resp: 715715

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.6	5.4
164	10.6	8.1	12.1

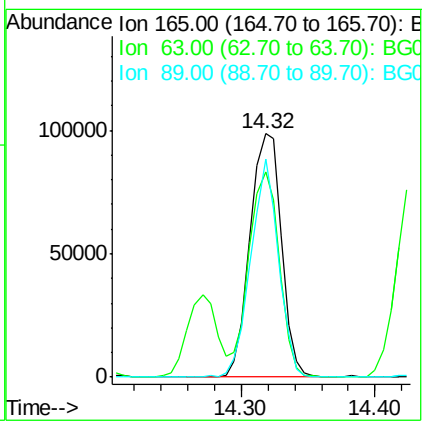


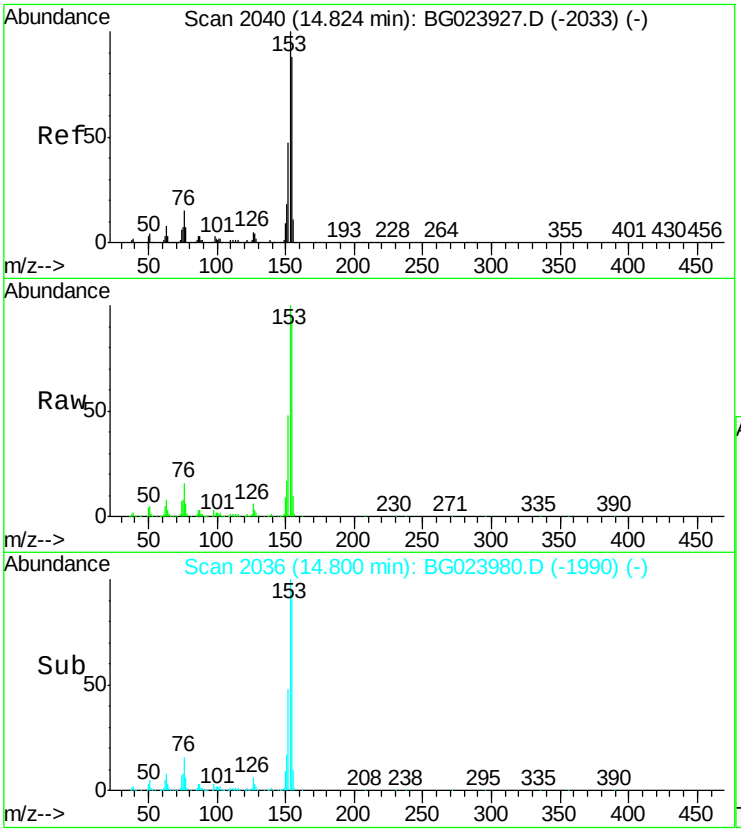


#50
2,6-Dinitrotoluene
Concen: 46.73 ng
RT: 14.32 min Scan# 1954
Delta R.T. -0.03 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Tgt Ion:165 Resp: 159618

Ion	Ratio	Lower	Upper
165	100		
63	84.3	64.3	96.5
89	89.7	64.3	96.5



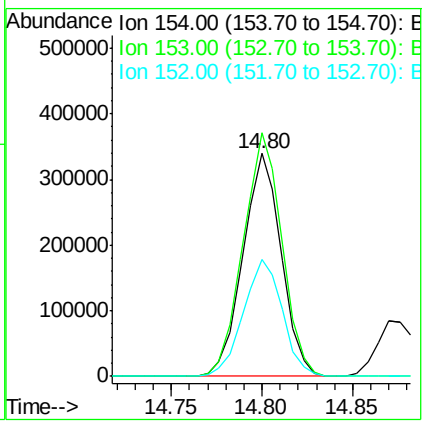


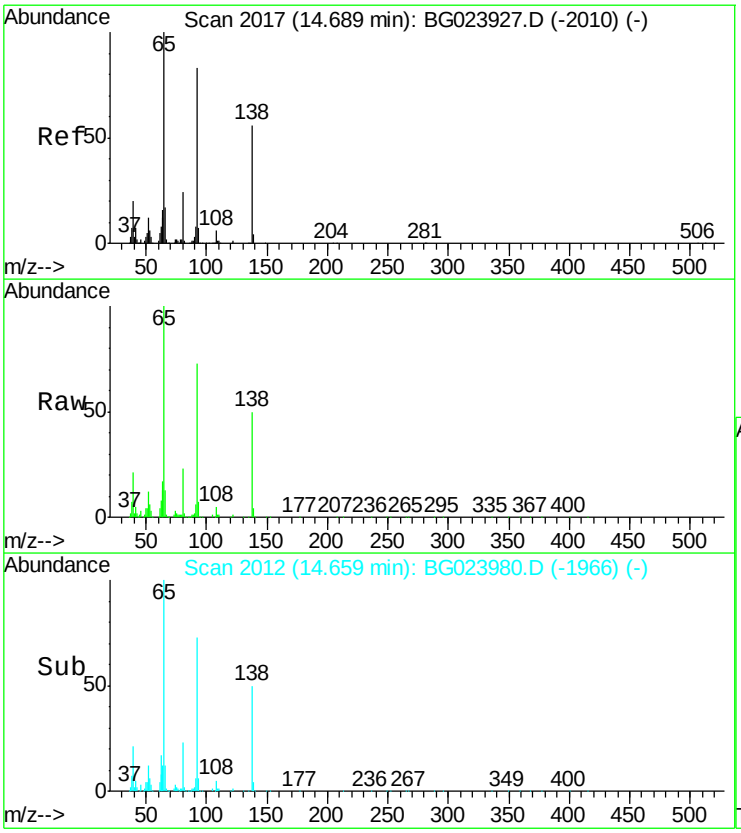
#51
Acenaphthene
Concen: 43.57 ng
RT: 14.80 min Scan# 2036
Delta R.T. -0.03 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMSD

Tgt Ion:154 Resp: 500384

Ion	Ratio	Lower	Upper
154	100		
153	109.3	87.5	131.3
152	52.4	42.7	64.1

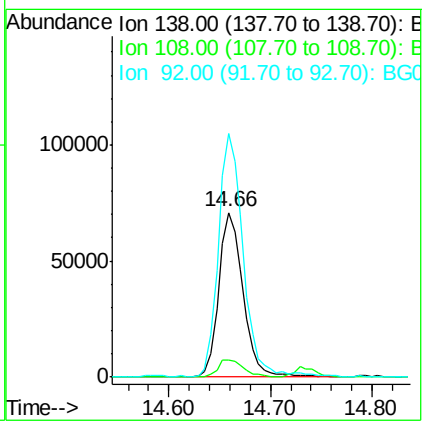


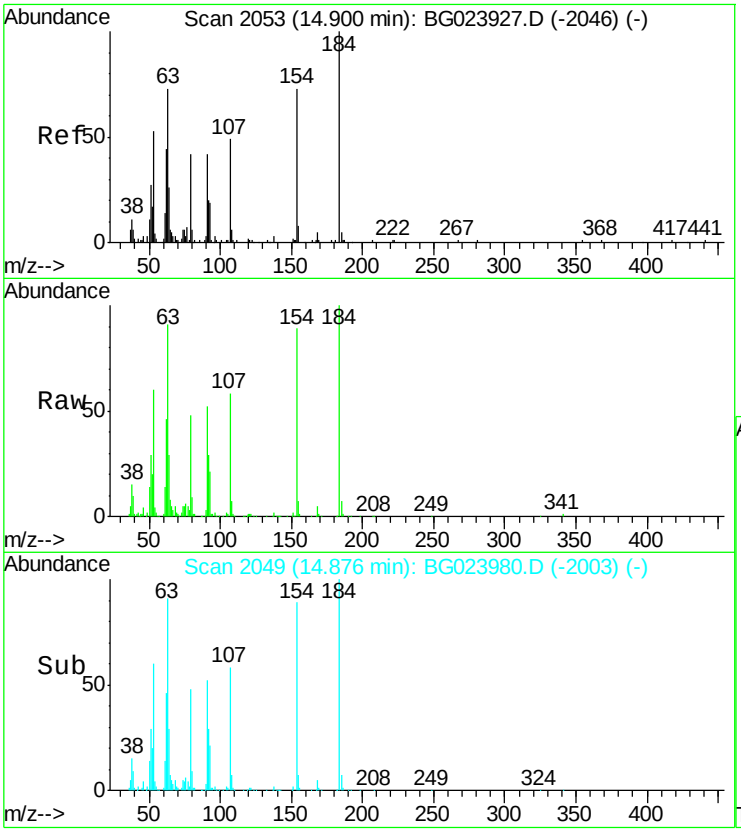


#52
3-Nitroaniline
Concen: 36.87 ng
RT: 14.66 min Scan# 2012
Delta R.T. -0.03 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Tgt Ion:138 Resp: 117812

Ion	Ratio	Lower	Upper
138	100		
108	10.6	11.7	17.5#
92	147.8	129.7	194.5



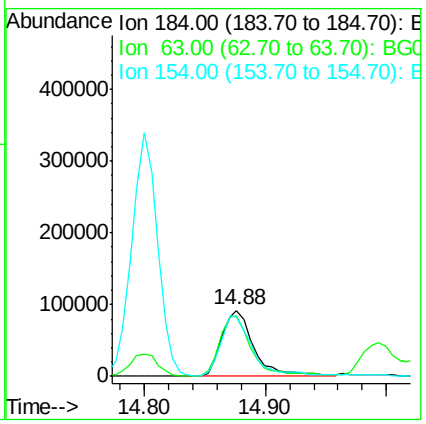


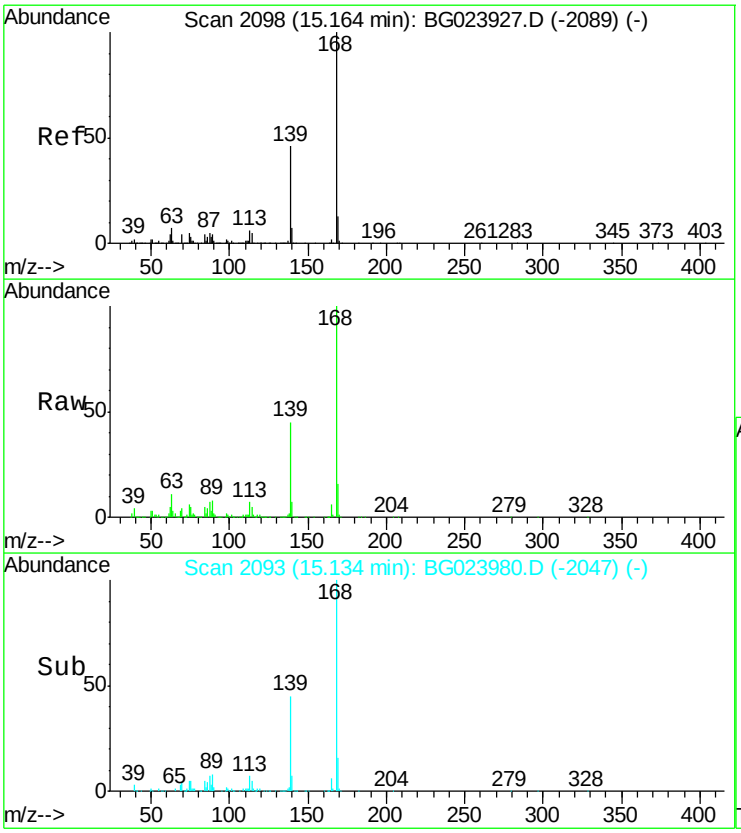
#53
2,4-Dinitrophenol
Concen: 70.06 ng
RT: 14.88 min Scan# 2049
Delta R.T. -0.03 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMSD

Tgt Ion:184 Resp: 172775

Ion	Ratio	Lower	Upper
184	100		
63	91.2	59.6	89.4#
154	89.1	67.4	101.0

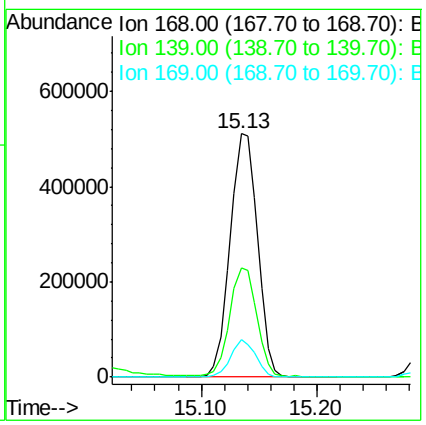


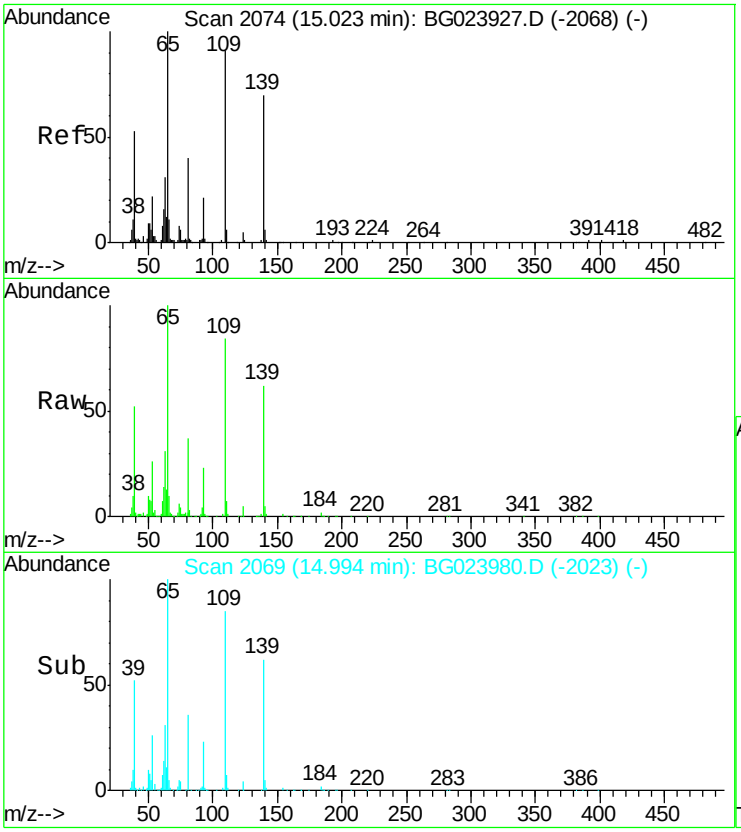


#54
Dibenzofuran
Concen: 46.84 ng
RT: 15.13 min Scan# 2093
Delta R.T. -0.03 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Tgt Ion:168 Resp: 839608

Ion	Ratio	Lower	Upper
168	100		
139	44.7	36.4	54.6
169	15.6	11.9	17.9



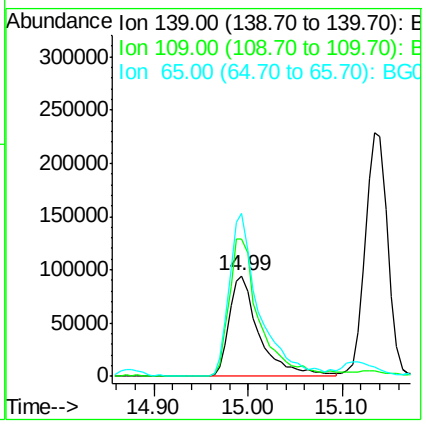


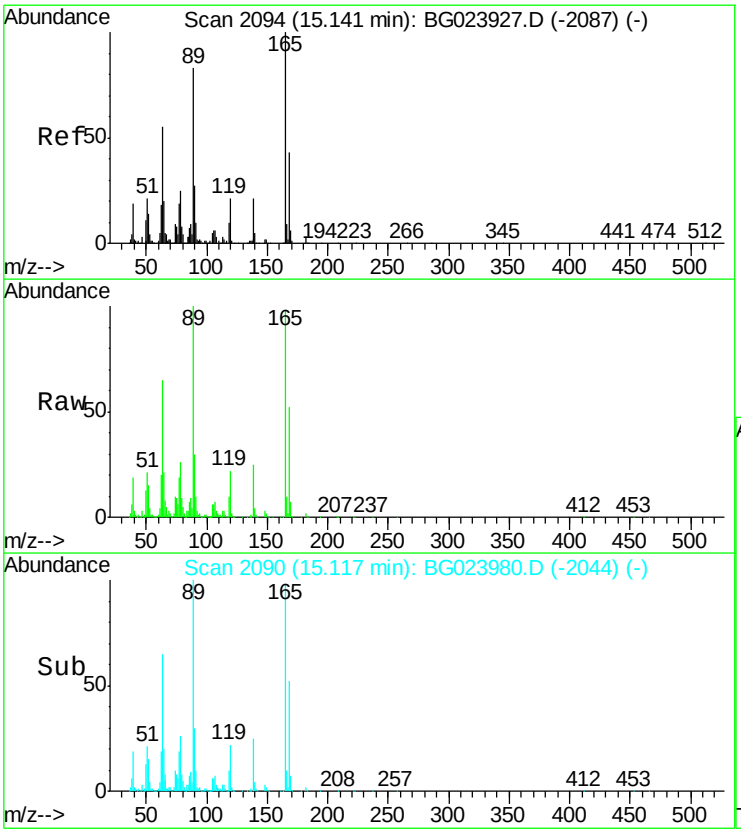
#55
4-Nitrophenol
Concen: 82.46 ng
RT: 14.99 min Scan# 2069
Delta R.T. -0.03 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMSD

Tgt Ion:139 Resp: 209622

Ion	Ratio	Lower	Upper
139	100		
109	136.5	103.0	143.0
65	162.3	112.7	152.7#

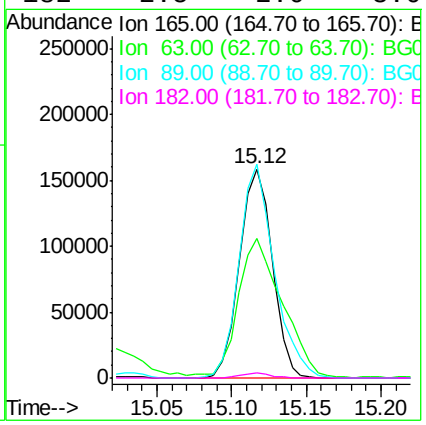


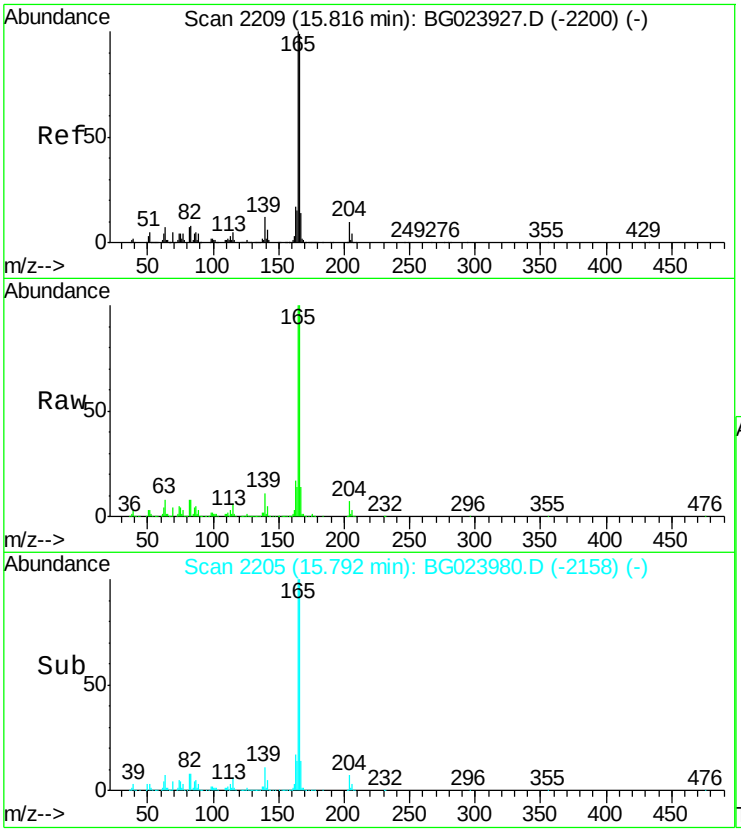


#56
2,4-Dinitrotoluene
Concen: 48.14 ng
RT: 15.12 min Scan# 2090
Delta R.T. -0.03 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Tgt Ion:165 Resp: 241731

Ion	Ratio	Lower	Upper
165	100		
63	66.5	45.8	68.6
89	102.1	68.6	102.8
182	2.5	2.0	3.0



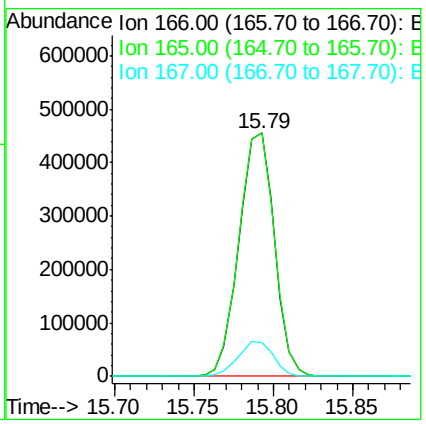


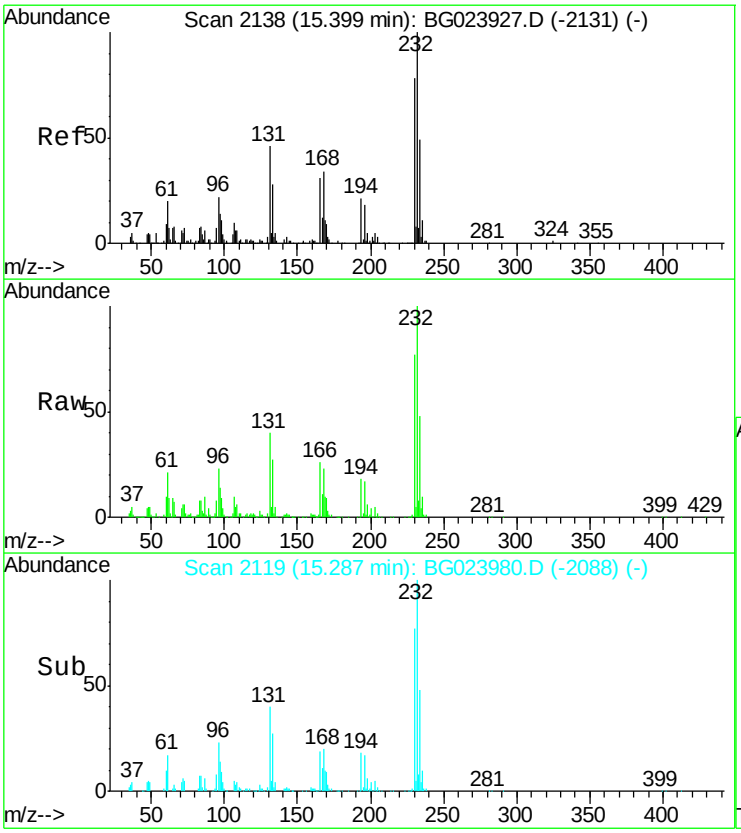
#57
Fluorene
Concen: 45.42 ng
RT: 15.79 min Scan# 2205
Delta R.T. -0.02 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMSD

Tgt Ion:166 Resp: 705900

Ion	Ratio	Lower	Upper
166	100		
165	99.9	81.0	121.6
167	13.6	12.0	18.0

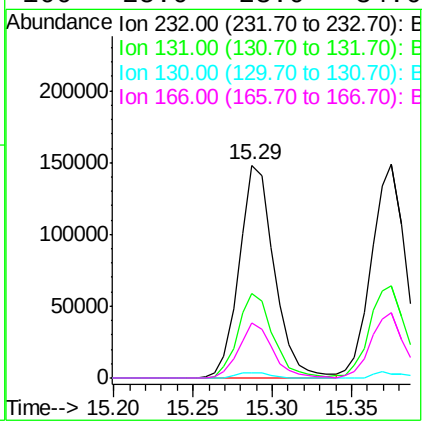


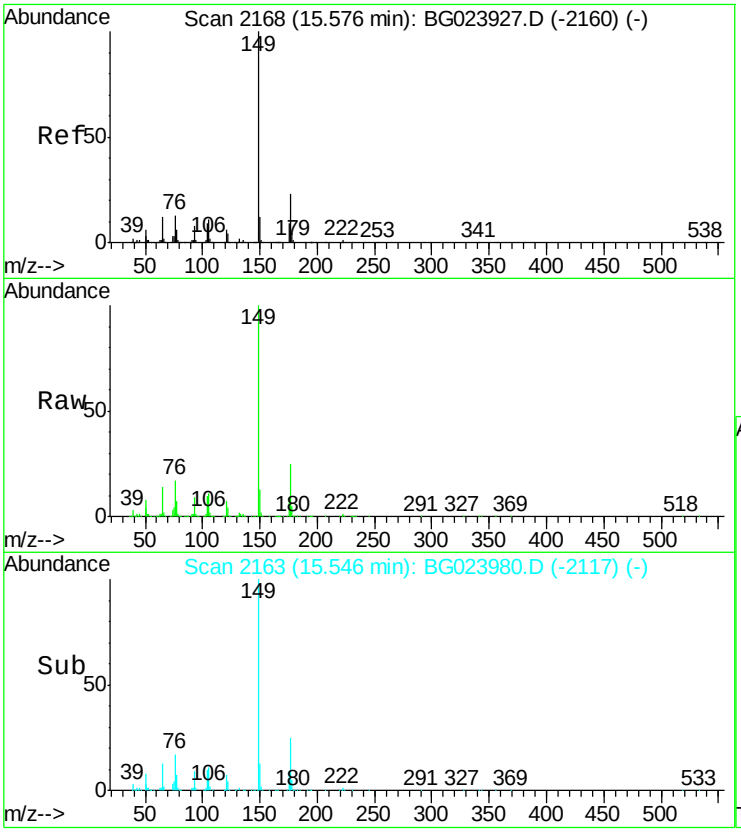


#58
2,3,4,6-Tetrachlorophenol
Concen: 52.99 ng
RT: 15.29 min Scan# 2119
Delta R.T. -0.12 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Tgt Ion:232 Resp: 227287

Ion	Ratio	Lower	Upper
232	100		
131	40.1	32.7	49.1
130	2.7	2.6	3.8
166	25.0	23.0	34.6



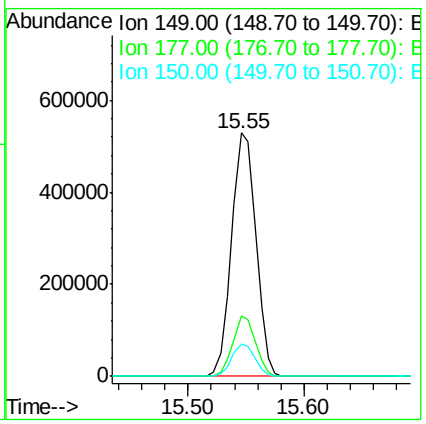


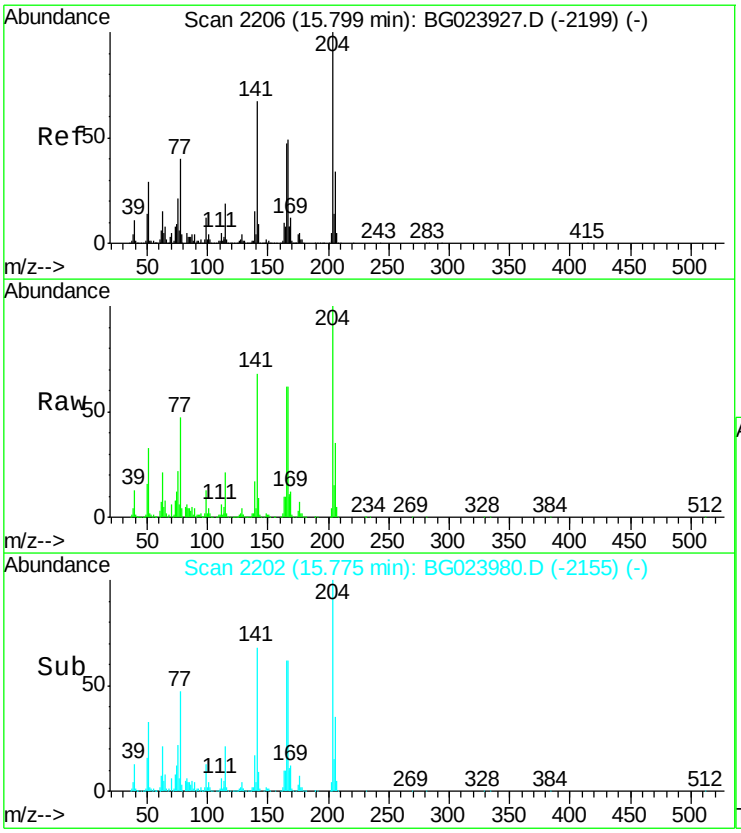
#59
Diethylphthalate
Concen: 44.85 ng
RT: 15.55 min Scan# 2163
Delta R.T. -0.03 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMSD

Tgt Ion:149 Resp: 774779

Ion	Ratio	Lower	Upper
149	100		
177	24.8	19.2	28.8
150	13.4	10.6	16.0

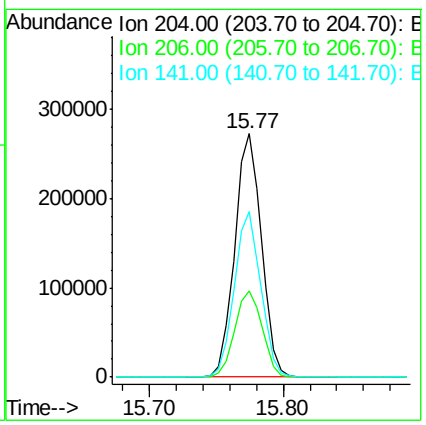


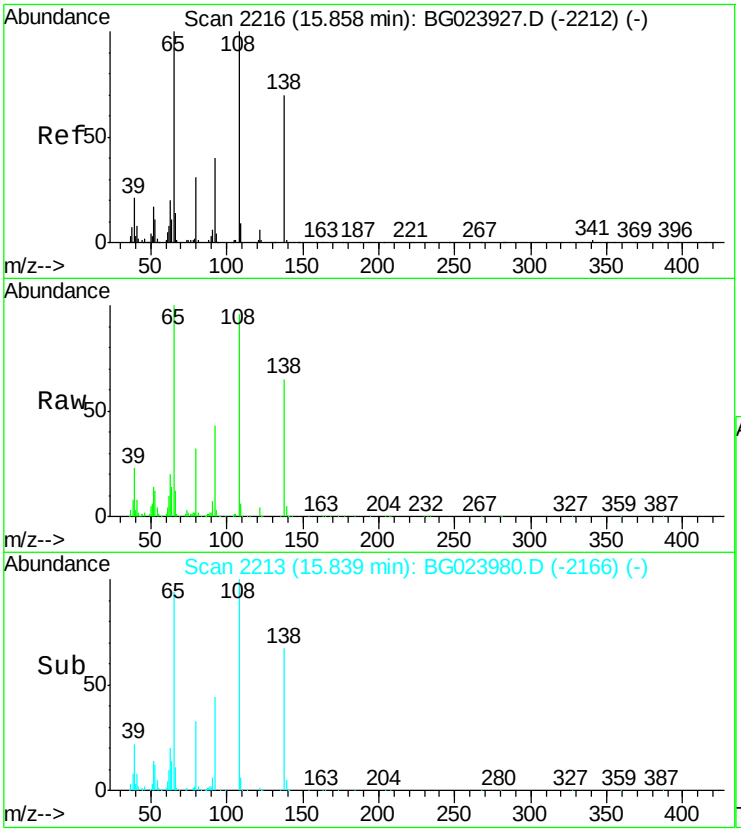


#60
4-Chlorophenyl-phenylether
Concen: 45.13 ng
RT: 15.77 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Tgt Ion:204 Resp: 377606

Ion	Ratio	Lower	Upper
204	100		
206	35.2	28.5	42.7
141	68.0	51.4	77.0



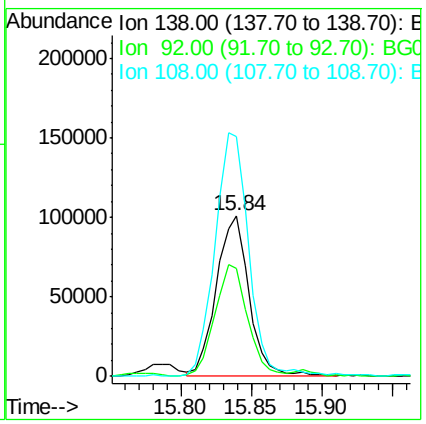


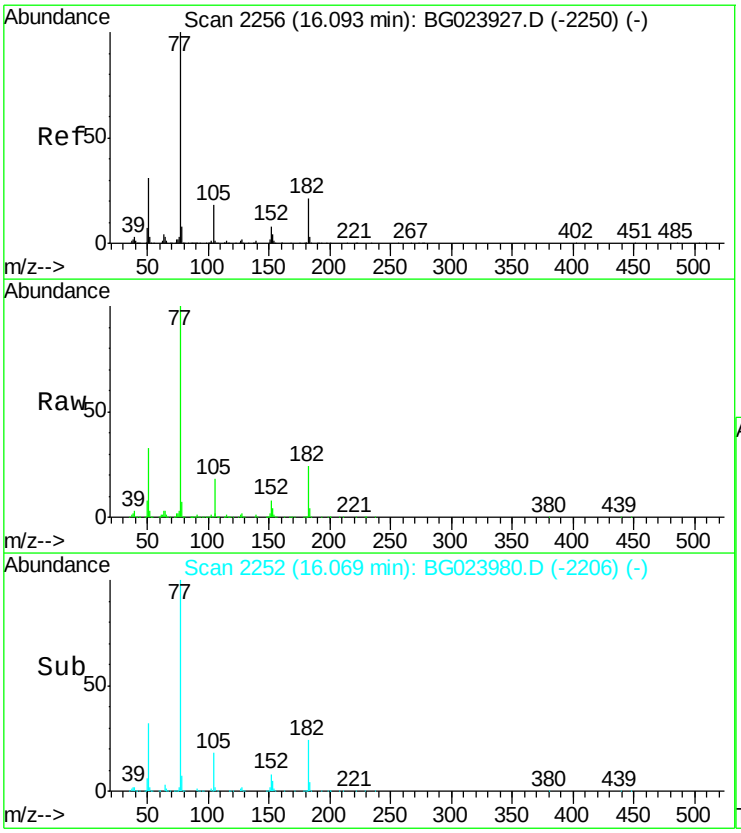
#61
4-Nitroaniline
Concen: 49.94 ng
RT: 15.84 min Scan# 2213
Delta R.T. -0.02 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMSD

Tgt Ion:138 Resp: 161322

Ion	Ratio	Lower	Upper
138	100		
92	66.8	54.1	94.1
108	149.0	133.9	173.9

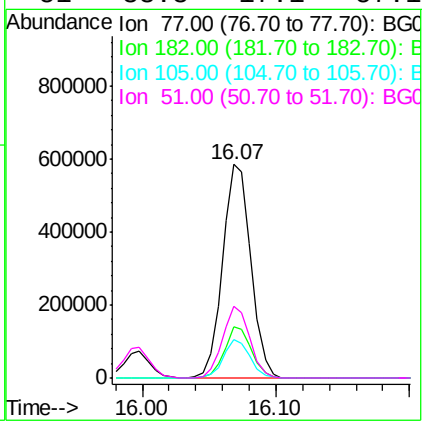


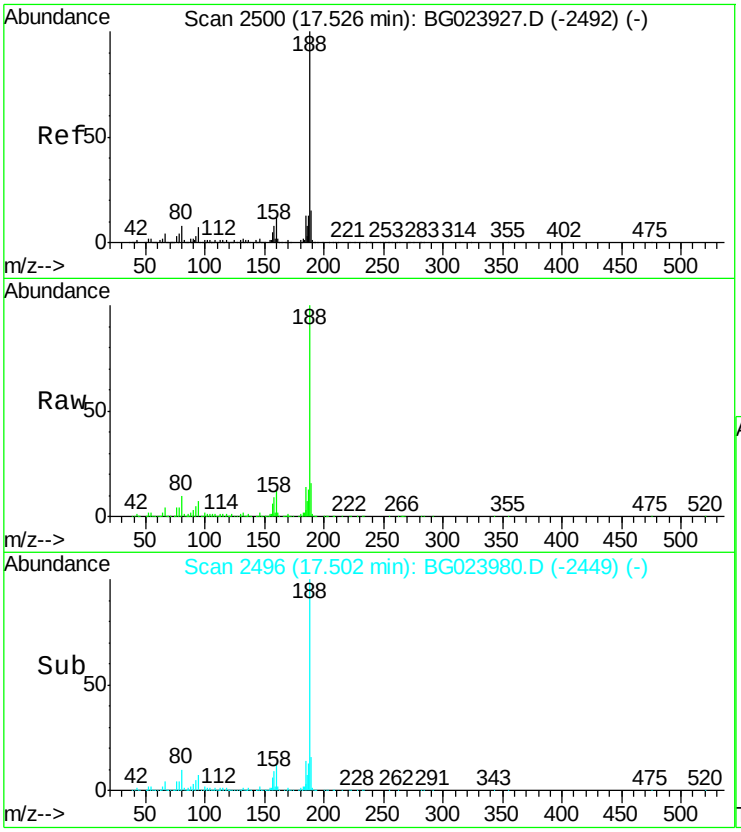


#62
Azobenzene
Concen: 51.59 ng
RT: 16.07 min Scan# 2252
Delta R.T. -0.03 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Tgt Ion: 77 Resp: 863216

Ion	Ratio	Lower	Upper
77	100		
182	24.2	3.5	43.5
105	18.1	0.0	38.5
51	33.3	17.1	57.1



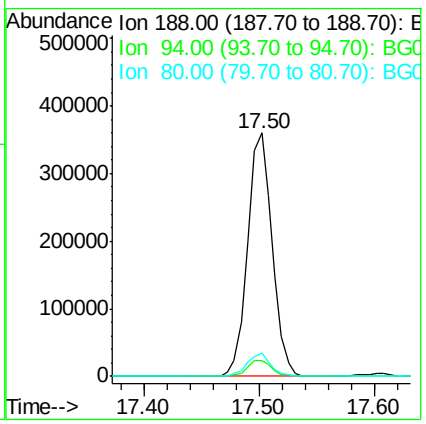


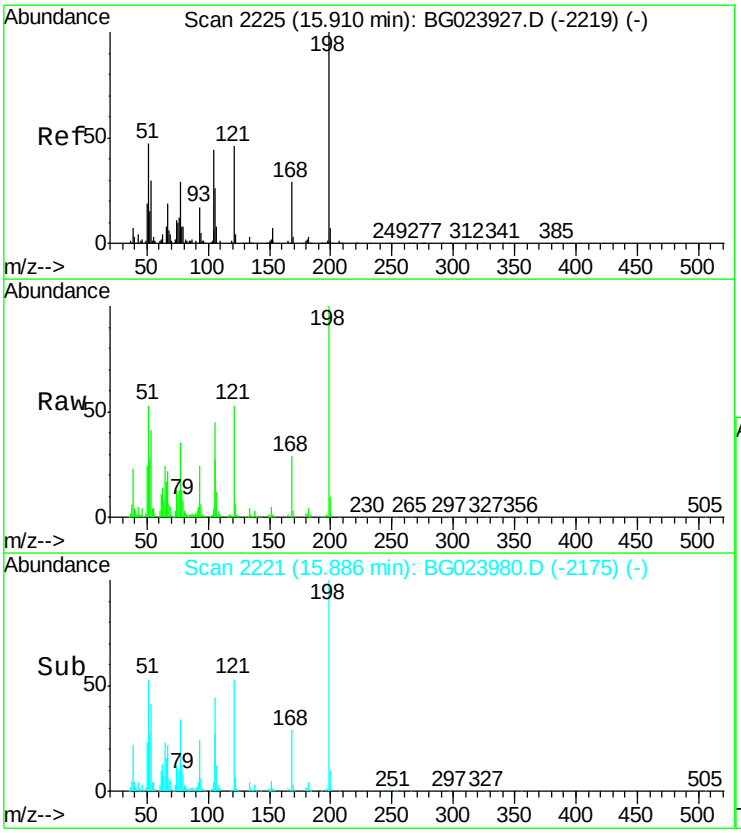
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2496
Delta R.T. -0.02 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMSD

Tgt Ion:188 Resp: 531926

Ion	Ratio	Lower	Upper
188	100		
94	6.6	5.2	7.8
80	9.6	7.2	10.8

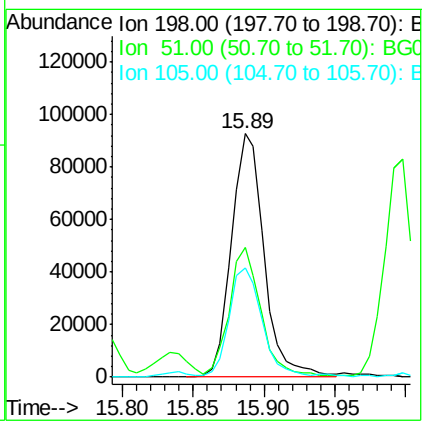


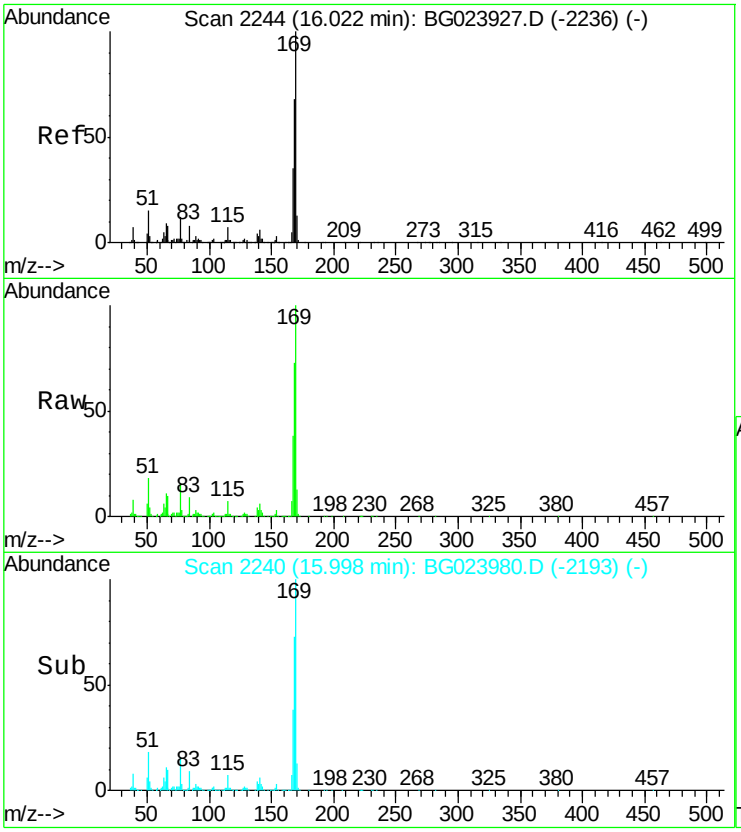


#64
4,6-Dinitro-2-methylphenol
Concen: 40.45 ng
RT: 15.89 min Scan# 2221
Delta R.T. -0.03 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Tgt Ion:198 Resp: 149363

Ion	Ratio	Lower	Upper
198	100		
51	53.5	26.0	66.0
105	45.0	20.1	60.1



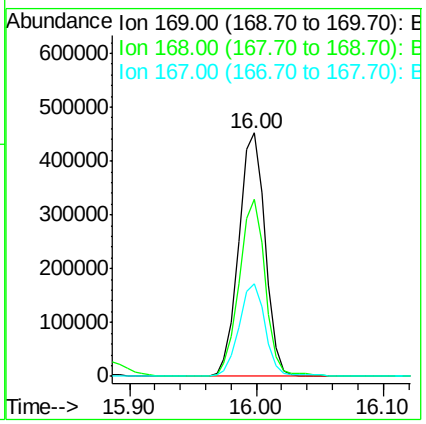


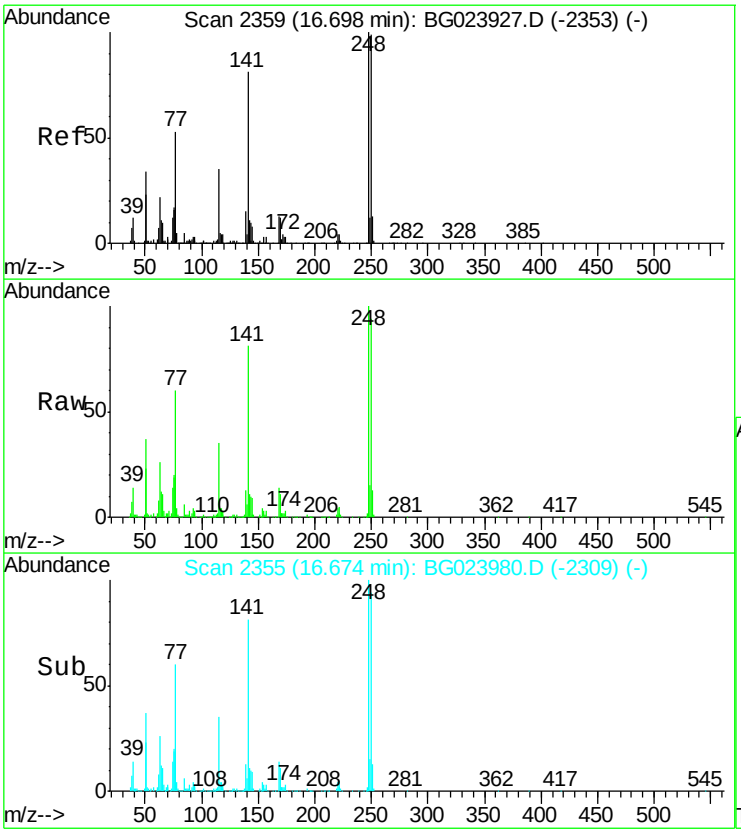
#65
n-Nitrosodiphenylamine
Concen: 43.05 ng
RT: 16.00 min Scan# 2240
Delta R.T. -0.02 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMSD

Tgt Ion:169 Resp: 650446

Ion	Ratio	Lower	Upper
169	100		
168	72.9	55.0	82.4
167	38.0	27.4	41.0

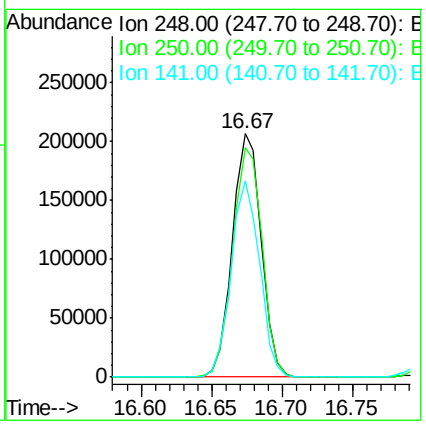


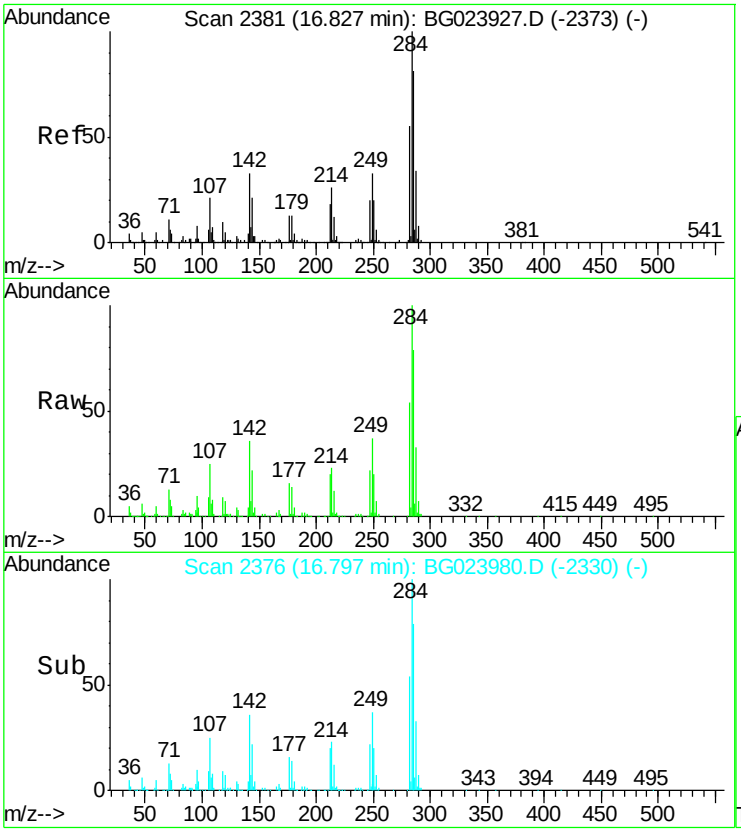


#66
4-Bromophenyl-phenylether
Concen: 45.45 ng
RT: 16.67 min Scan# 2355
Delta R.T. -0.03 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Tgt Ion:248 Resp: 294103

Ion	Ratio	Lower	Upper
248	100		
250	94.5	77.8	116.8
141	80.5	65.7	98.5



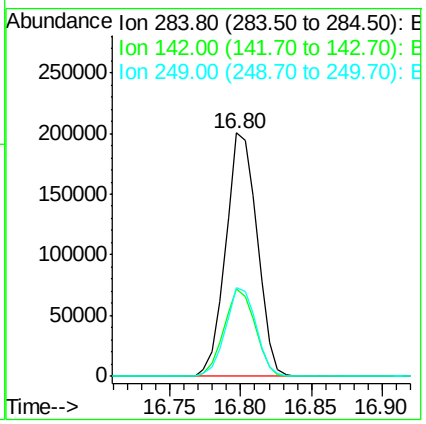


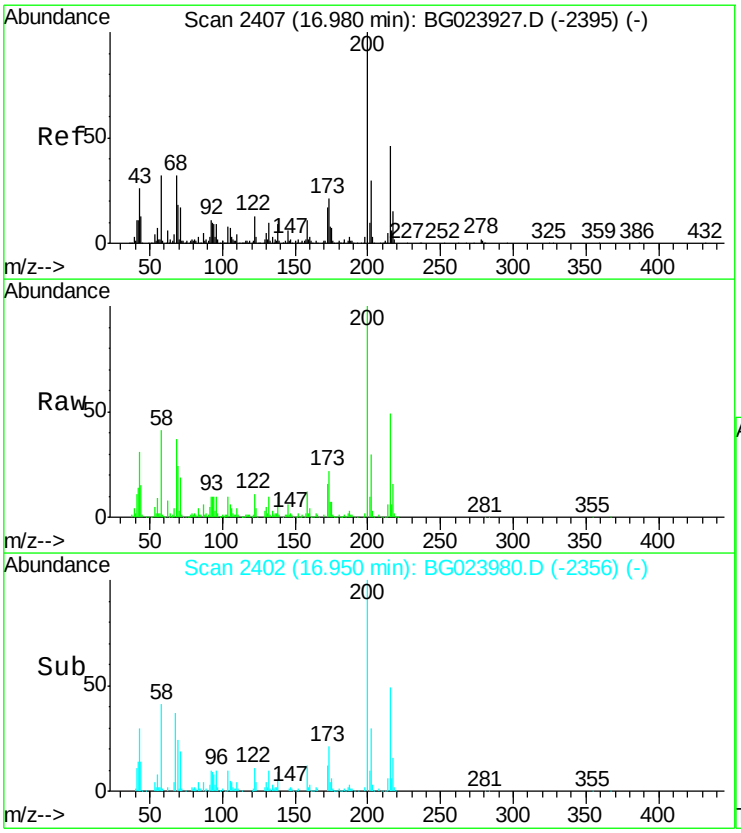
#67
Hexachlorobenzene
Concen: 40.74 ng
RT: 16.80 min Scan# 2376
Delta R.T. -0.03 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMSD

Tgt Ion:284 Resp: 309253

Ion	Ratio	Lower	Upper
284	100		
142	35.9	26.8	40.2
249	36.6	28.9	43.3

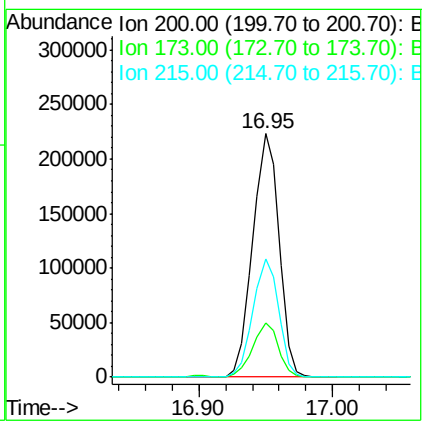


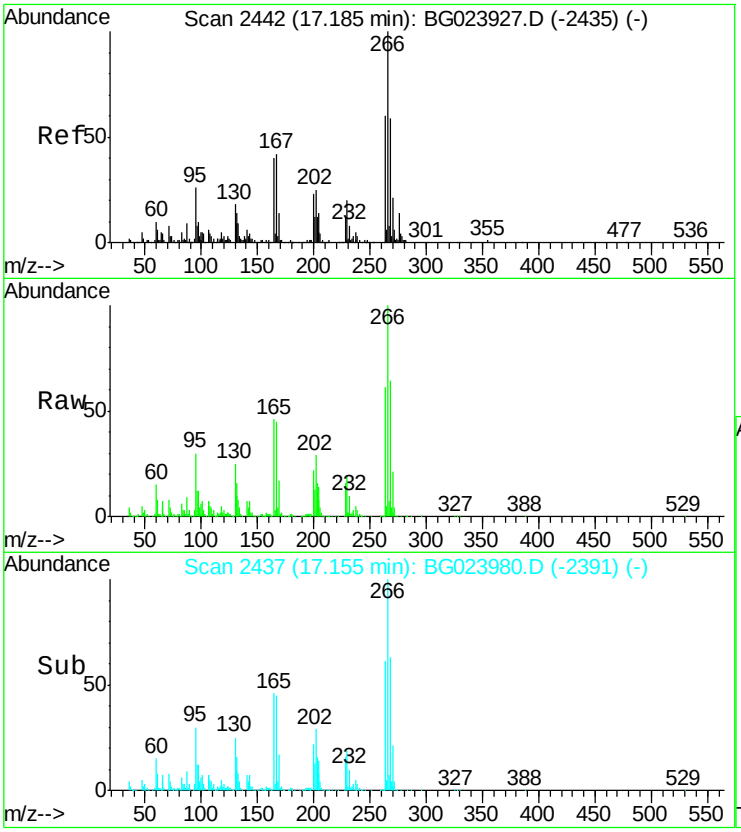


#68
Atrazine
Concen: 46.37 ng
RT: 16.95 min Scan# 2402
Delta R.T. -0.03 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Tgt Ion:200 Resp: 301419

Ion	Ratio	Lower	Upper
200	100		
173	22.4	1.6	41.6
215	48.7	28.7	68.7



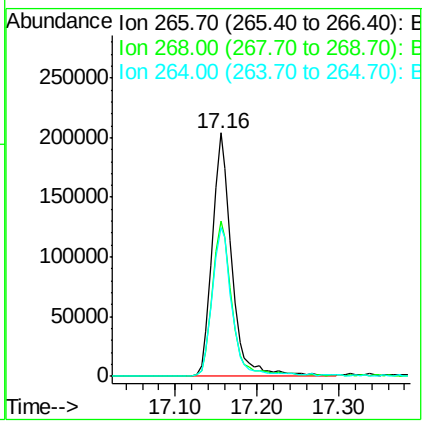


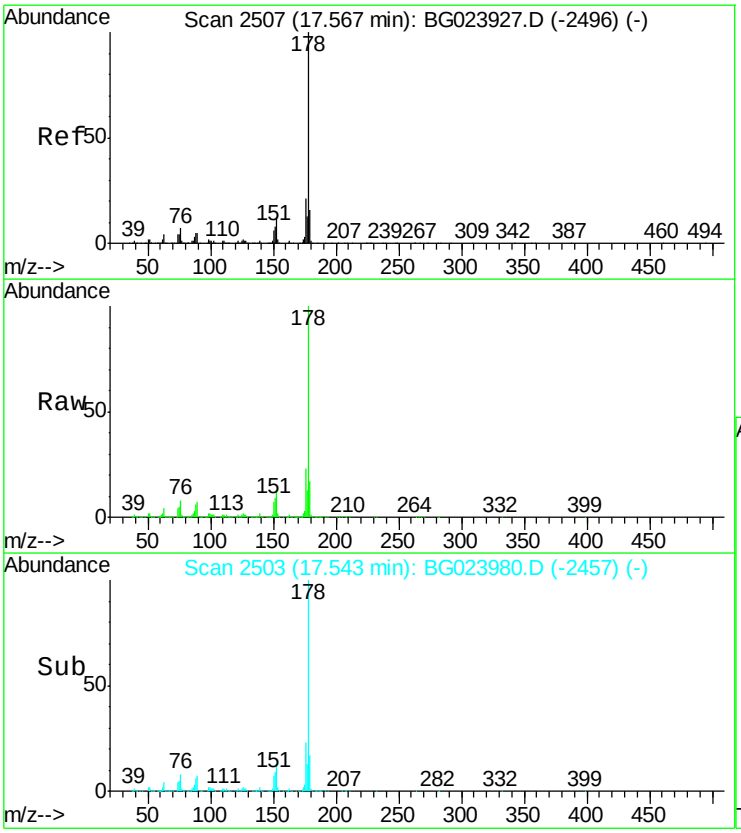
#69
Pentachlorophenol
Concen: 84.59 ng
RT: 17.16 min Scan# 2437
Delta R.T. -0.03 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMSD

Tgt Ion:266 Resp: 341006

Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.9	77.9
264	61.1	50.6	75.8

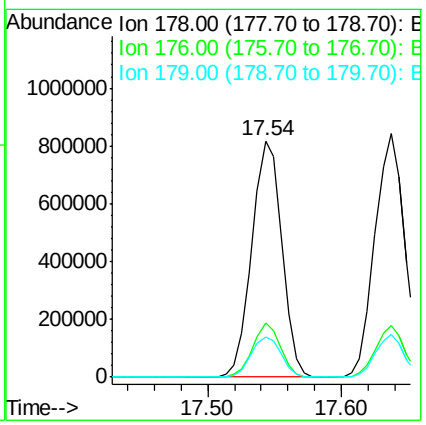


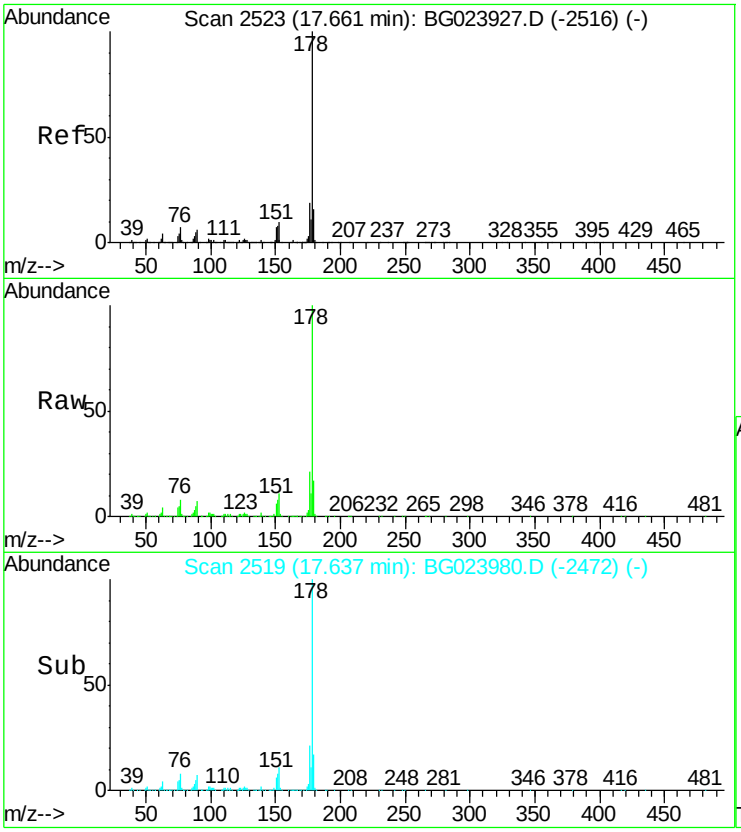


#70
Phenanthrene
Concen: 45.74 ng
RT: 17.54 min Scan# 2503
Delta R.T. -0.03 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Tgt Ion:178 Resp: 1265658

Ion	Ratio	Lower	Upper
178	100		
176	22.7	16.8	25.2
179	16.9	14.3	21.5



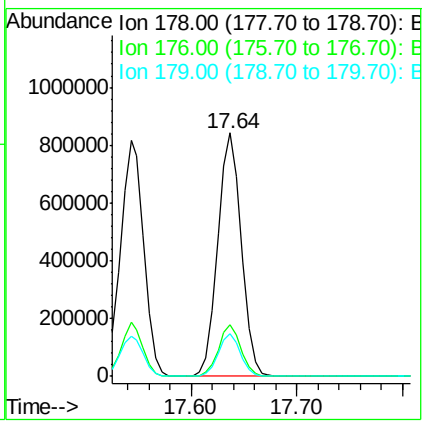


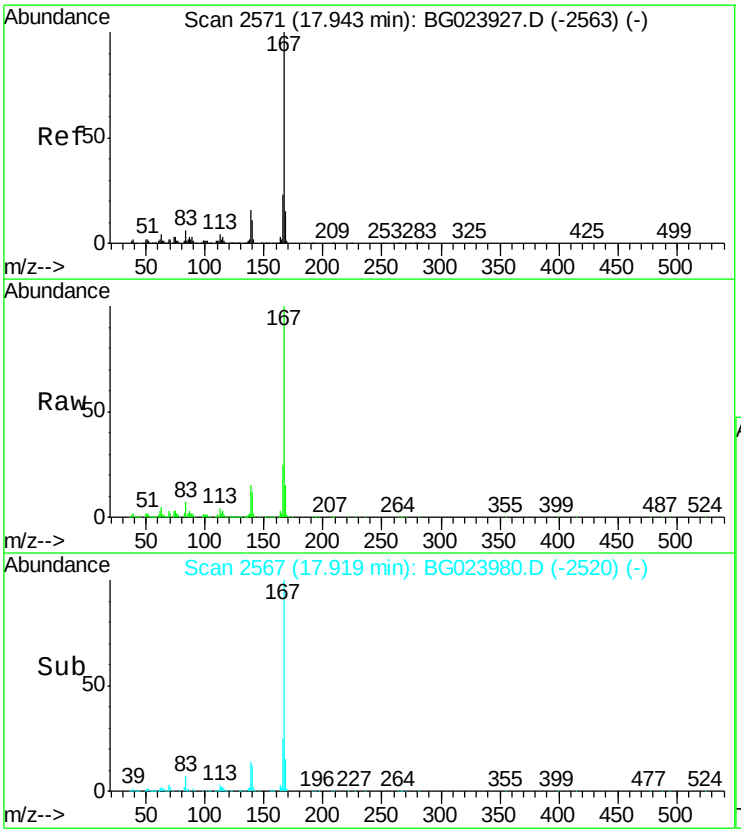
#71
Anthracene
Concen: 46.07 ng
RT: 17.64 min Scan# 2519
Delta R.T. -0.02 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMSD

Tgt Ion:178 Resp: 1300310

Ion	Ratio	Lower	Upper
178	100		
176	21.0	17.3	25.9
179	17.4	14.0	21.0

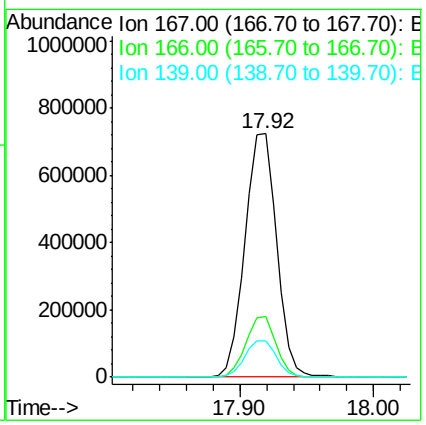


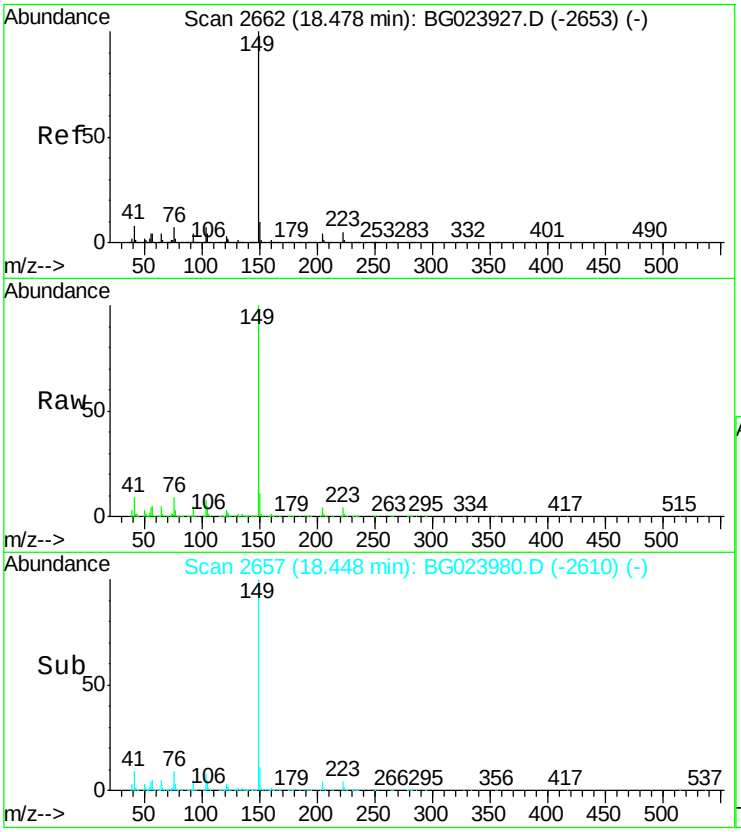


#72
Carbazole
Concen: 46.05 ng
RT: 17.92 min Scan# 2567
Delta R.T. -0.02 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Tgt Ion:167 Resp: 1179601

Ion	Ratio	Lower	Upper
167	100		
166	24.8	20.7	31.1
139	15.0	11.9	17.9



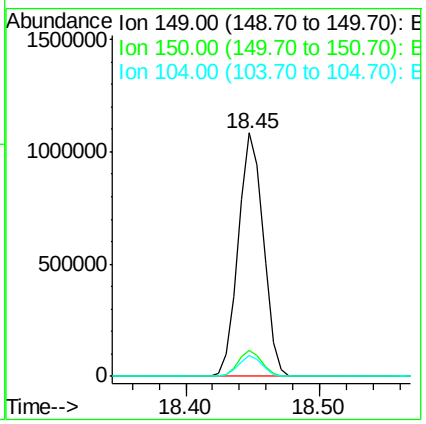


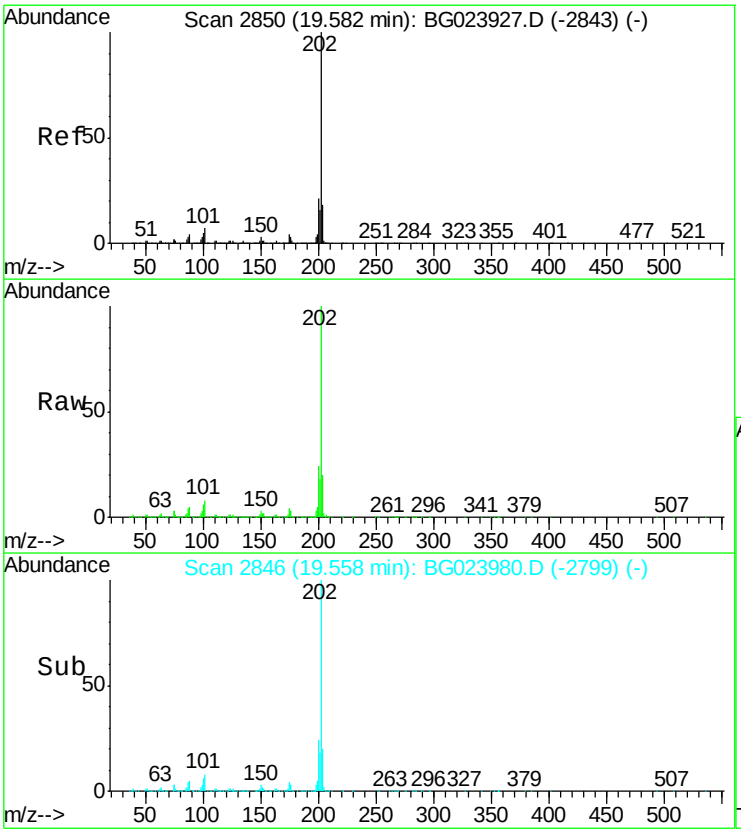
#73
Di-n-butylphthalate
Concen: 45.81 ng
RT: 18.45 min Scan# 2657
Delta R.T. -0.02 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMSD

Tgt Ion:149 Resp: 1400066

Ion	Ratio	Lower	Upper
149	100		
150	10.7	9.1	13.7
104	8.4	6.9	10.3

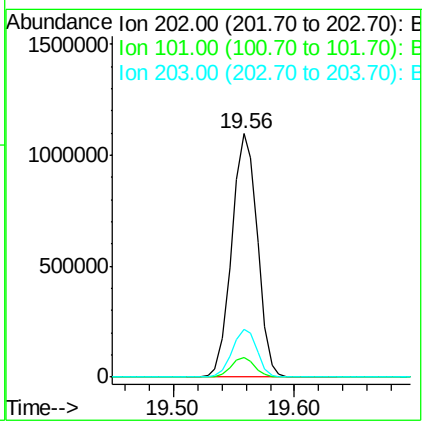


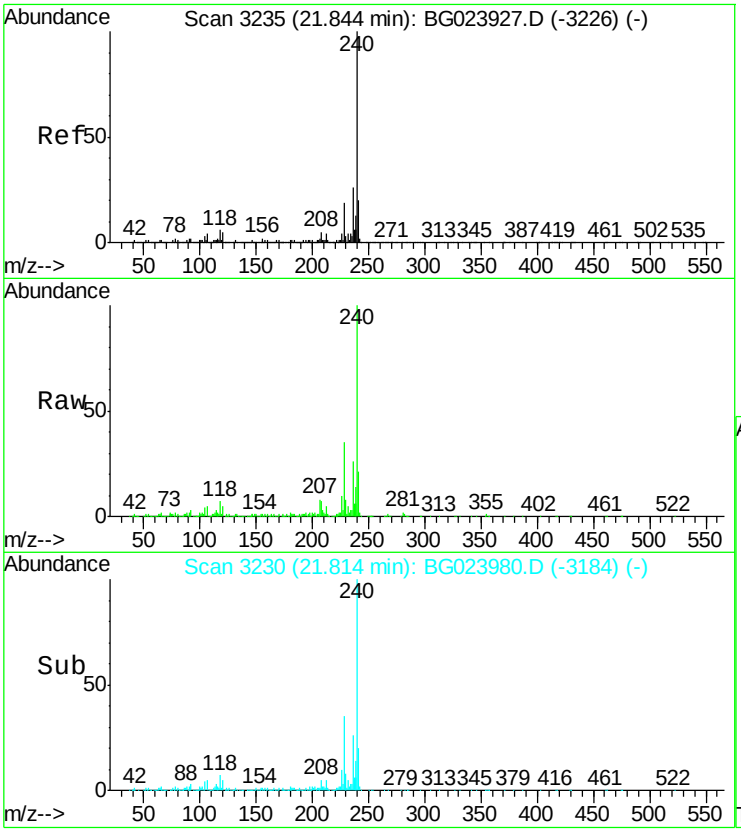


#74
Fluoranthene
Concen: 48.59 ng
RT: 19.56 min Scan# 2846
Delta R.T. -0.02 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Tgt Ion:202 Resp: 1618751

Ion	Ratio	Lower	Upper
202	100		
101	8.3	0.0	27.4
203	19.7	1.7	41.7



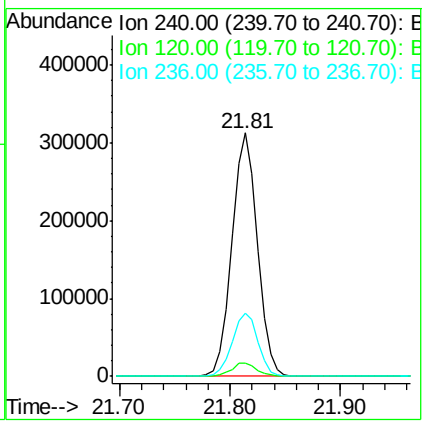


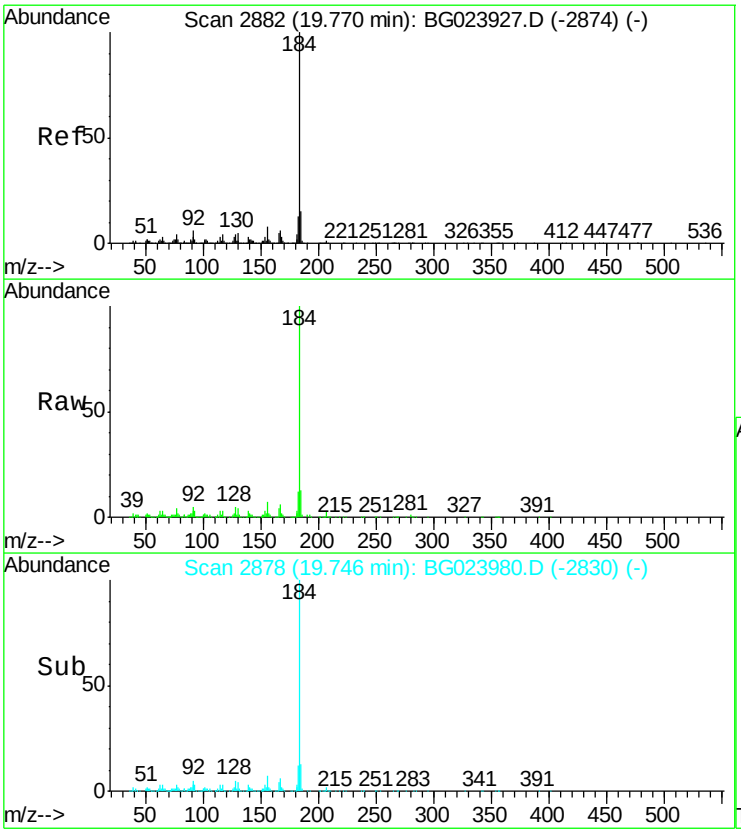
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.81 min Scan# 3230
Delta R.T. -0.03 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMSD

Tgt Ion:240 Resp: 505790

Ion	Ratio	Lower	Upper
240	100		
120	5.3	4.1	6.1
236	26.0	21.1	31.7

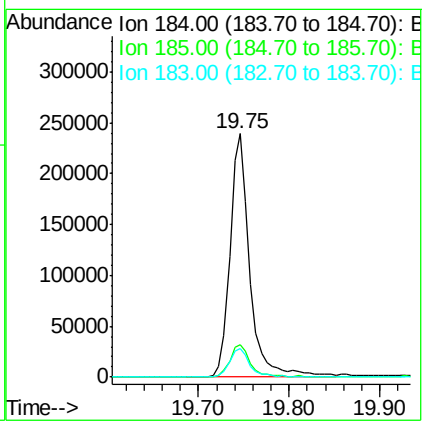


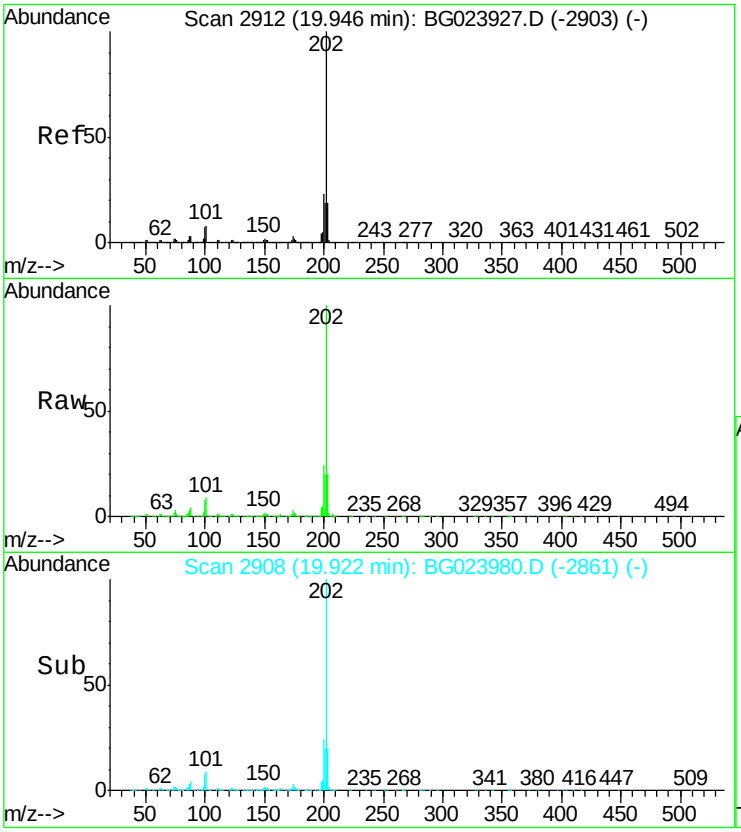


#76
Benzidine
Concen: 23.35 ng
RT: 19.75 min Scan# 2878
Delta R.T. -0.02 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Tgt Ion:184 Resp: 365727

Ion	Ratio	Lower	Upper
184	100		
185	13.3	12.6	19.0
183	11.9	10.7	16.1



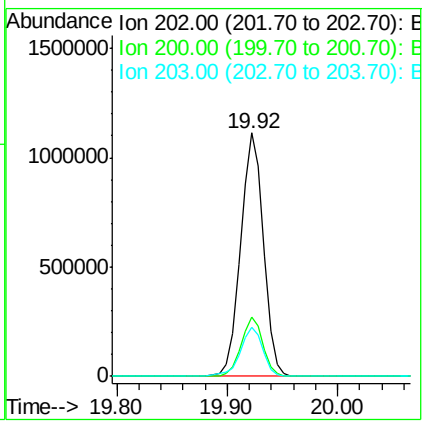


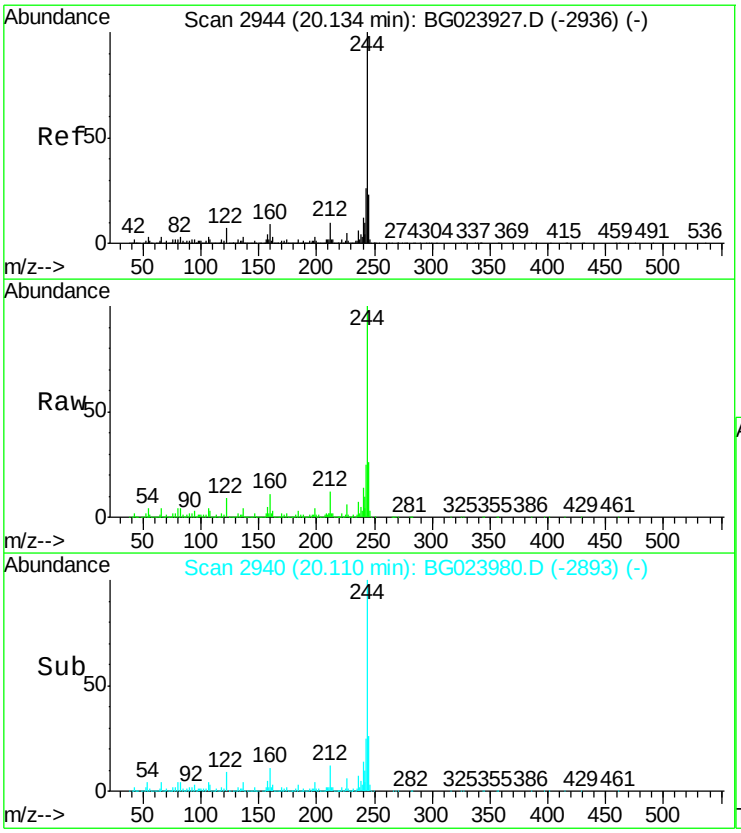
#77
Pyrene
Concen: 51.76 ng
RT: 19.92 min Scan# 2908
Delta R.T. -0.02 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMSD

Tgt Ion:202 Resp: 1609961

Ion	Ratio	Lower	Upper
202	100		
200	24.1	21.2	31.8
203	20.3	16.8	25.2

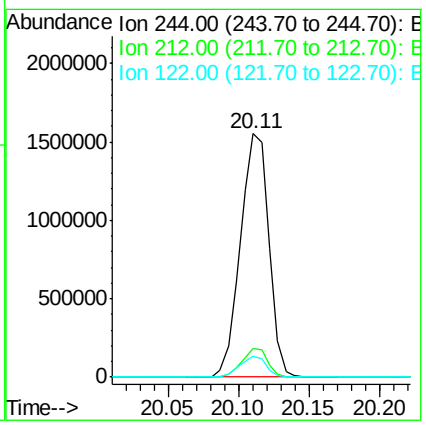


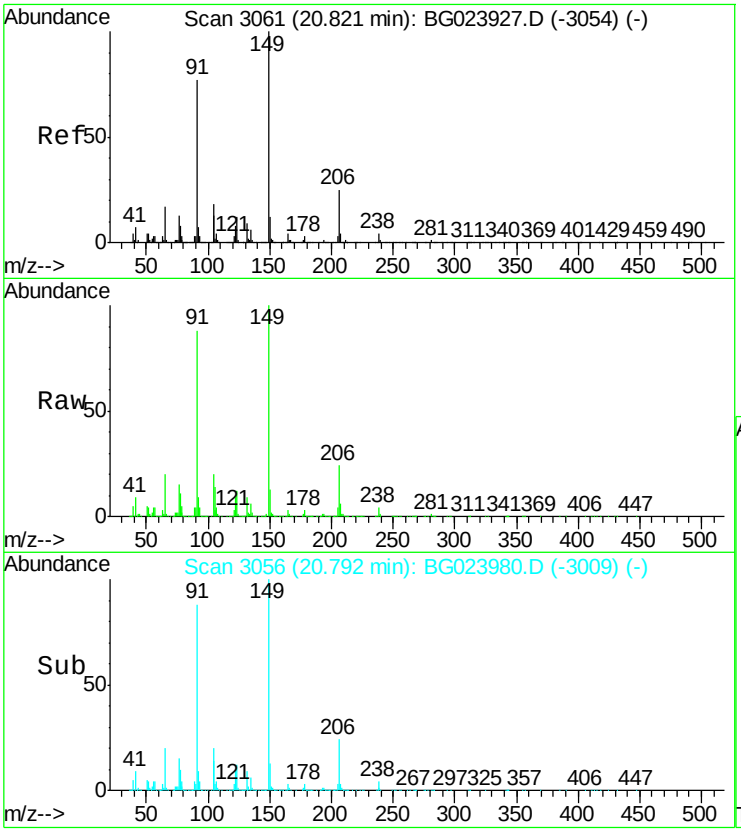


#78
Terphenyl-d14
Concen: 98.51 ng
RT: 20.11 min Scan# 2940
Delta R.T. -0.02 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Tgt Ion:244 Resp: 2187860

Ion	Ratio	Lower	Upper
244	100		
212	11.9	10.8	16.2
122	8.8	8.0	12.0



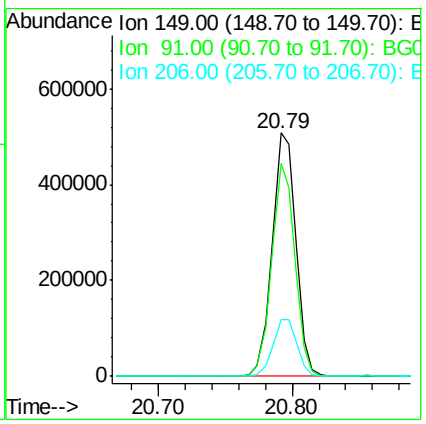


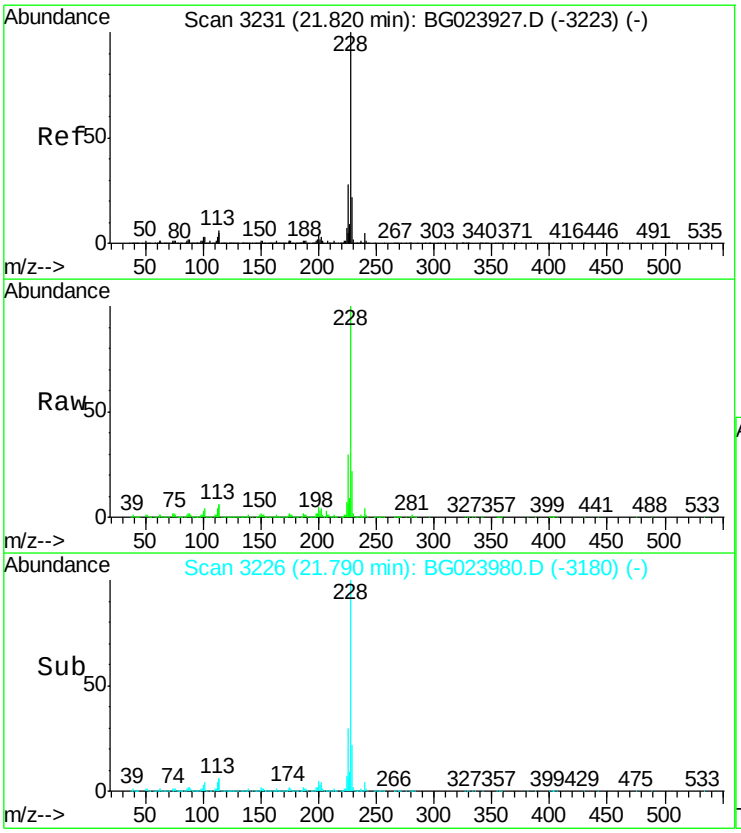
#79
Butylbenzylphthalate
Concen: 53.02 ng
RT: 20.79 min Scan# 3056
Delta R.T. -0.02 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMSD

Tgt Ion:149 Resp: 635824

Ion	Ratio	Lower	Upper
149	100		
91	87.7	68.1	102.1
206	23.5	19.8	29.6

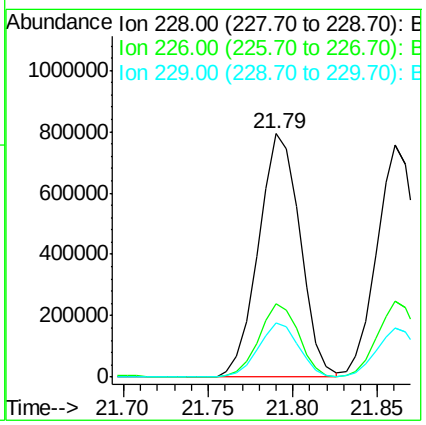


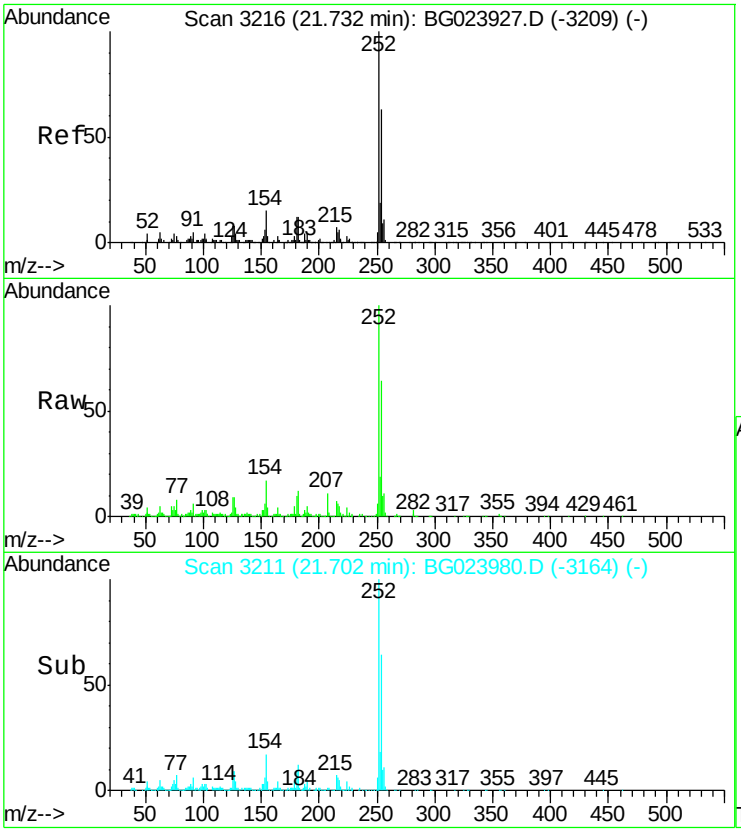


#80
Benzo(a)anthracene
Concen: 47.55 ng
RT: 21.79 min Scan# 3226
Delta R.T. -0.03 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Tgt Ion:228 Resp: 1346442

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.3	37.9
229	22.1	19.9	29.9



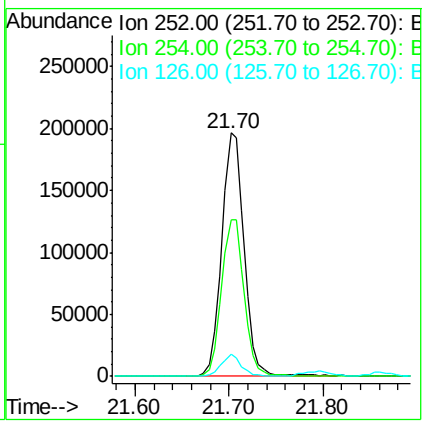


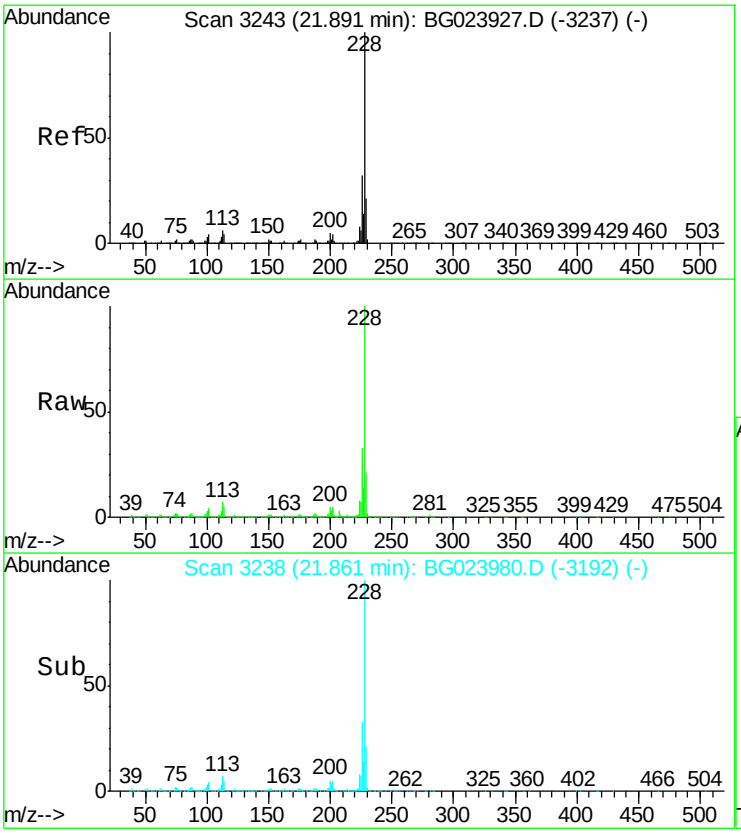
#81
3,3'-Dichlorobenzidine
Concen: 28.65 ng
RT: 21.70 min Scan# 3211
Delta R.T. -0.02 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMSD

Tgt Ion:252 Resp: 324213

Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.2	76.8
126	8.9	5.3	7.9#

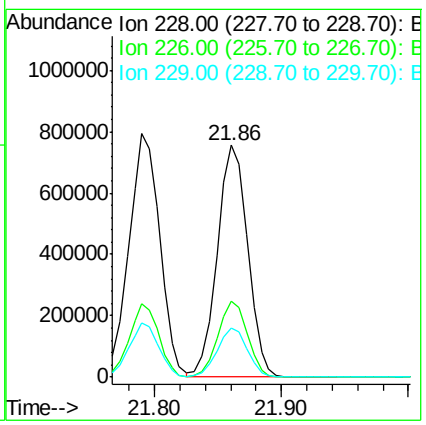


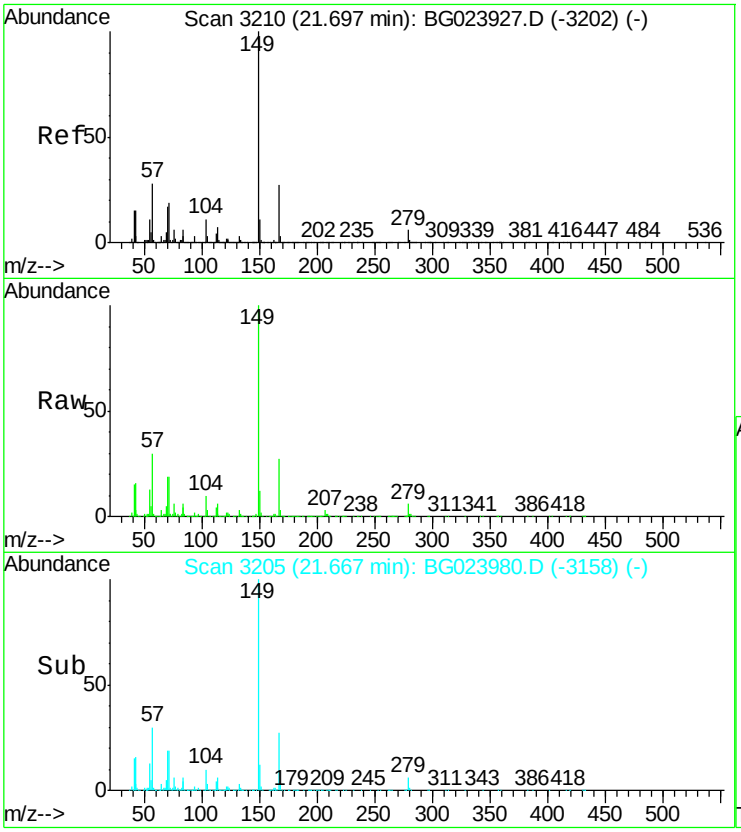


#82
Chrysene
Concen: 46.48 ng
RT: 21.86 min Scan# 3238
Delta R.T. -0.03 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Tgt Ion:228 Resp: 1252658

Ion	Ratio	Lower	Upper
228	100		
226	32.8	26.7	40.1
229	21.3	17.4	26.2



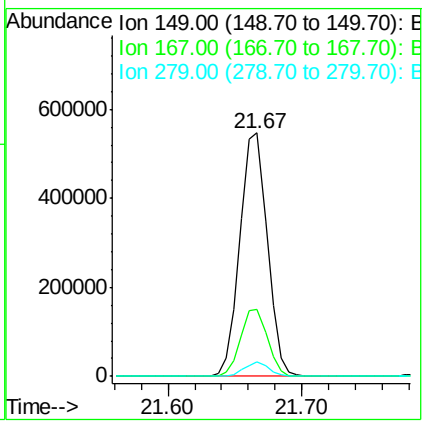


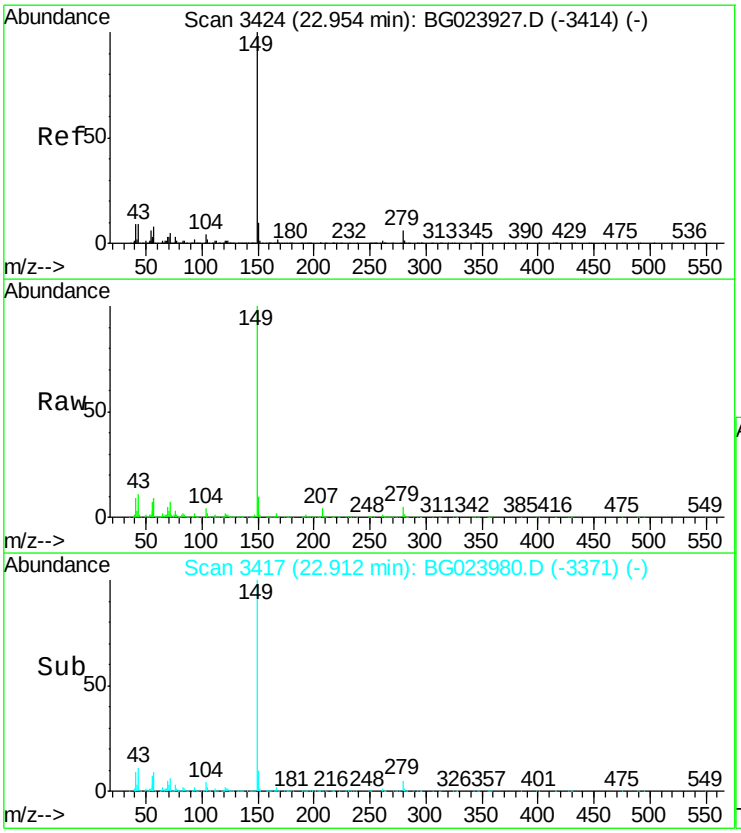
#83
Bis(2-ethylhexyl)phthalate
Concen: 47.24 ng
RT: 21.67 min Scan# 3205
Delta R.T. -0.02 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMSD

Tgt Ion:149 Resp: 775650

Ion	Ratio	Lower	Upper
149	100		
167	27.4	24.0	36.0
279	5.9	4.8	7.2

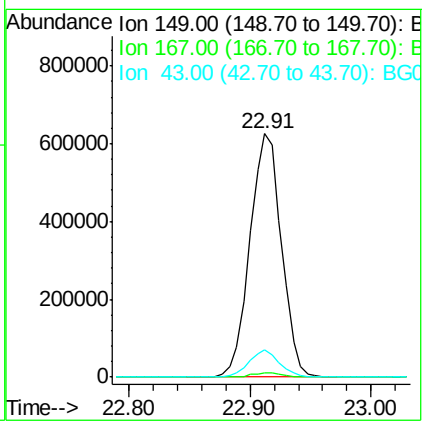


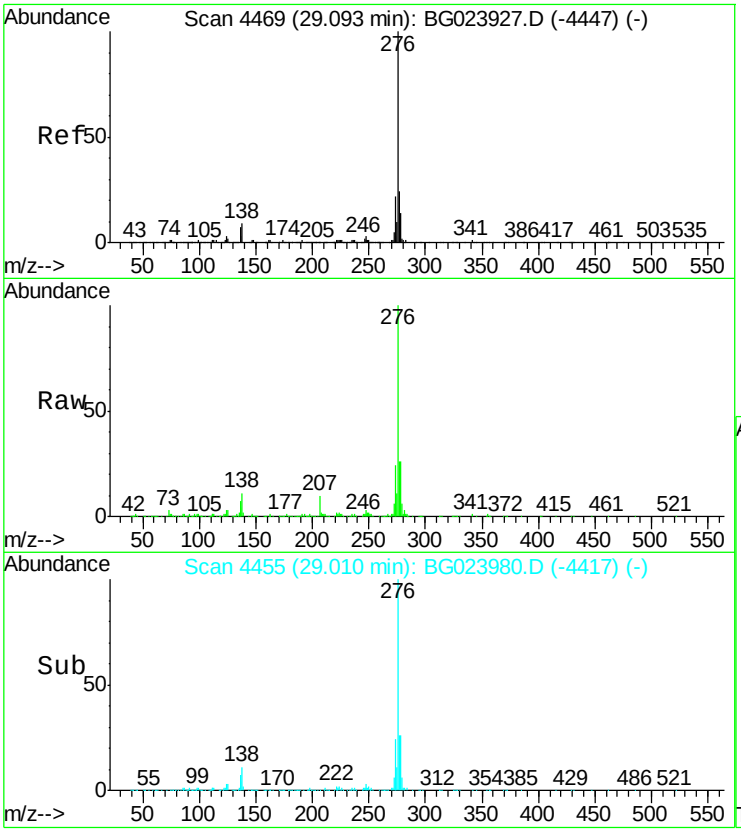


#84
Di-n-octyl phthalate
Concen: 41.92 ng
RT: 22.91 min Scan# 3417
Delta R.T. -0.03 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Tgt Ion:149 Resp: 1128916

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.5	2.3
43	10.6	8.8	13.2



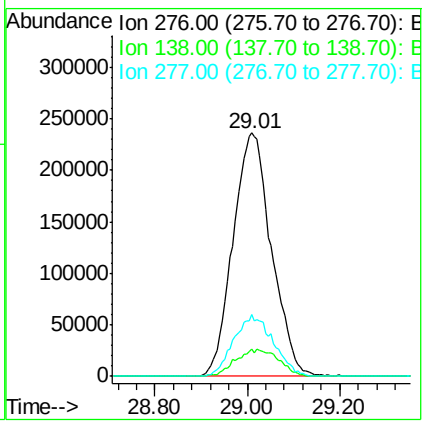


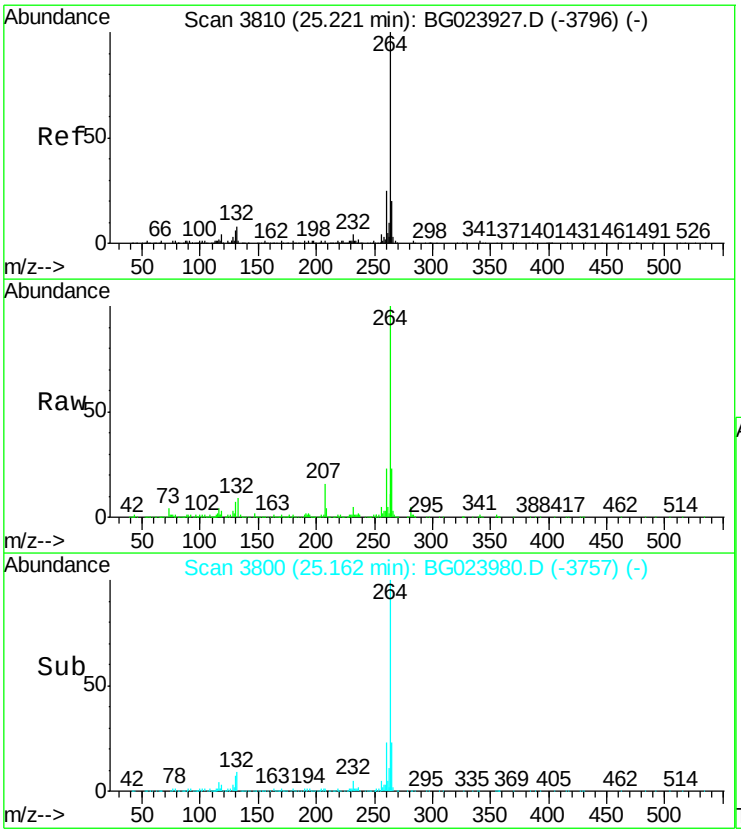
#85
Indeno(1,2,3-cd)pyrene
Concen: 45.83 ng
RT: 29.01 min Scan# 4455
Delta R.T. -0.08 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMSD

Tgt Ion:276 Resp: 1367524

Ion	Ratio	Lower	Upper
276	100		
138	5.8	0.0	0.0#
277	25.9	0.0	0.0#

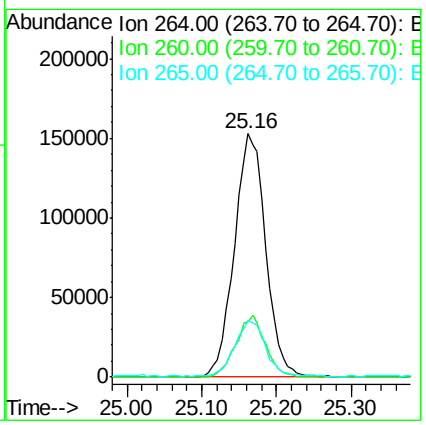


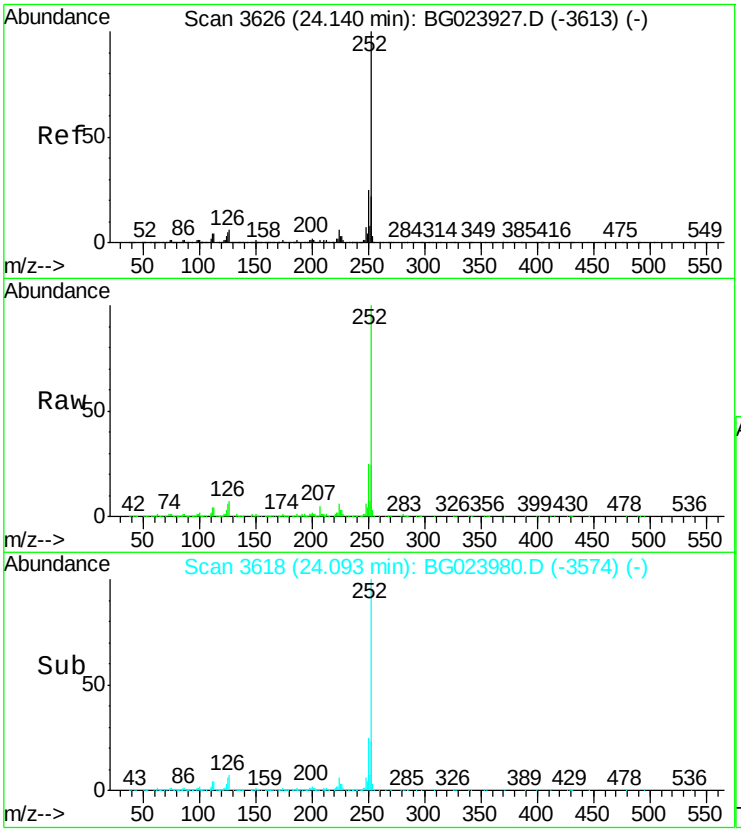


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.16 min Scan# 3800
Delta R.T. -0.05 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Tgt Ion:264 Resp: 445035

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.4	27.6
265	23.3	18.9	28.3



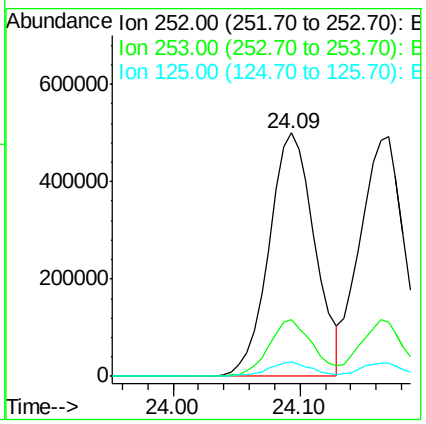


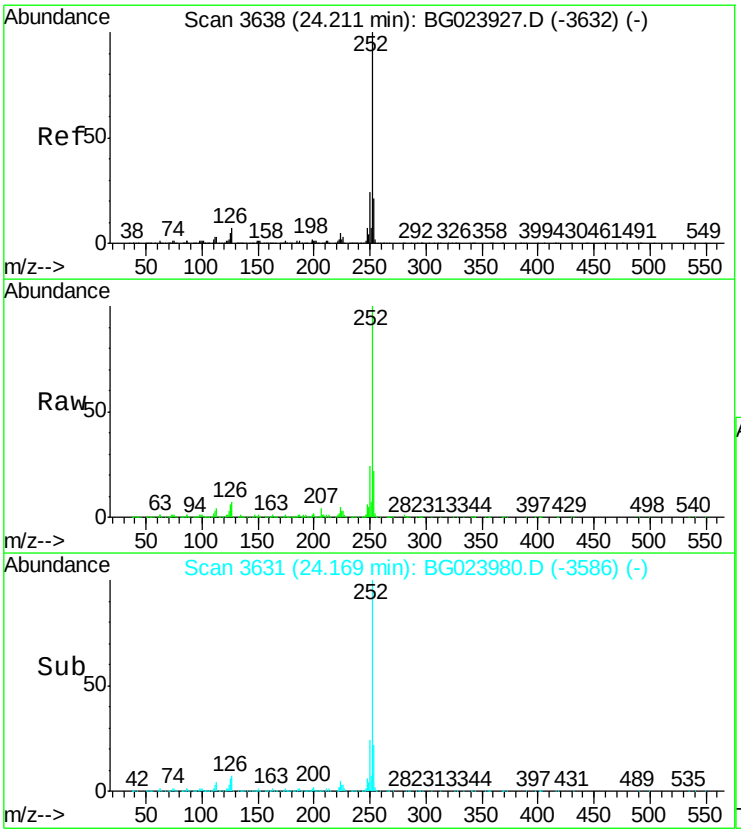
#87
Benzo(b)fluoranthene
Concen: 49.58 ng
RT: 24.09 min Scan# 3618
Delta R.T. -0.04 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMSD

Tgt Ion:252 Resp: 1253417

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.9	28.3
125	5.7	3.9	5.9

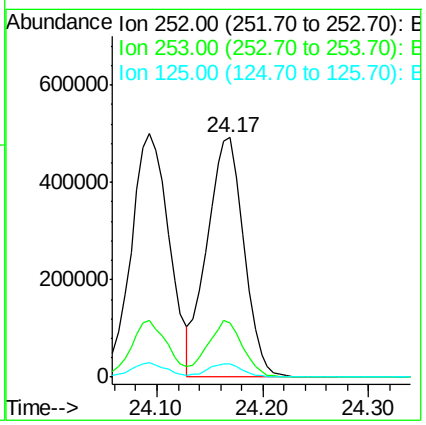


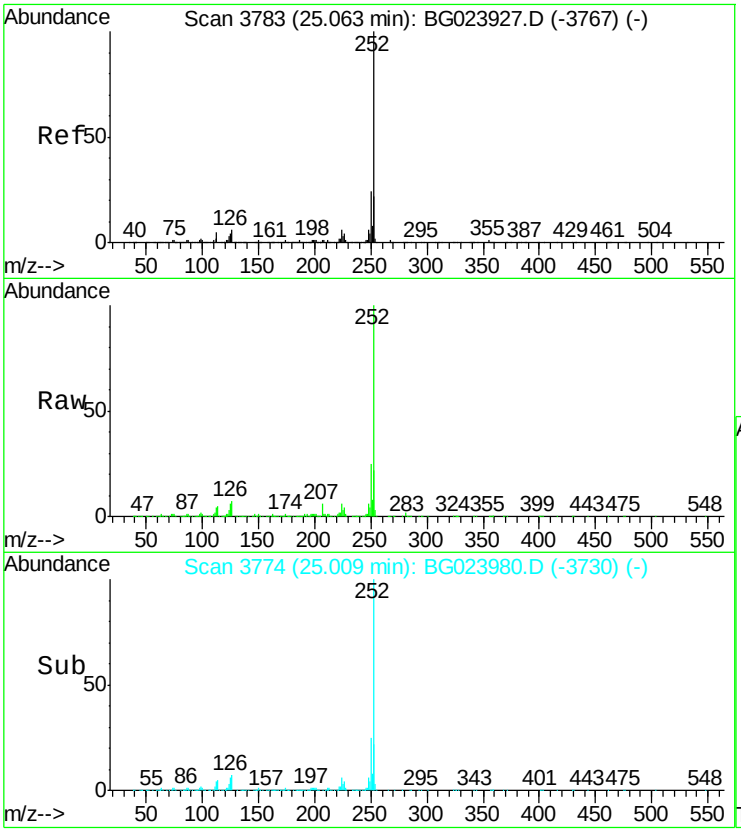


#88
Benzo(k)fluoranthene
Concen: 47.56 ng
RT: 24.17 min Scan# 3631
Delta R.T. -0.04 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Tgt Ion:252 Resp: 1192266

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.8	28.2
125	5.5	3.2	4.8#



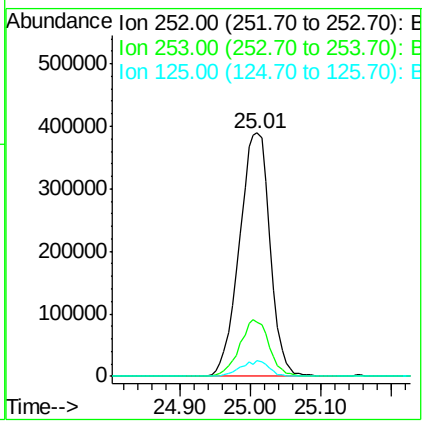


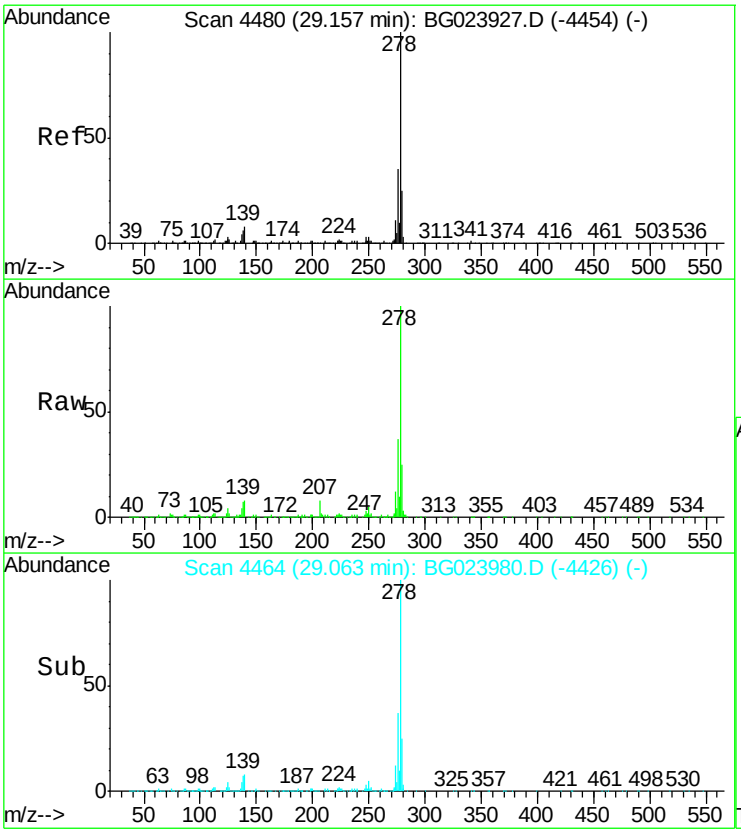
#89
Benzo(a)pyrene
Concen: 48.95 ng
RT: 25.01 min Scan# 3774
Delta R.T. -0.04 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMSD

Tgt Ion:252 Resp: 1175185

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.7	28.1
125	6.3	3.9	5.9#

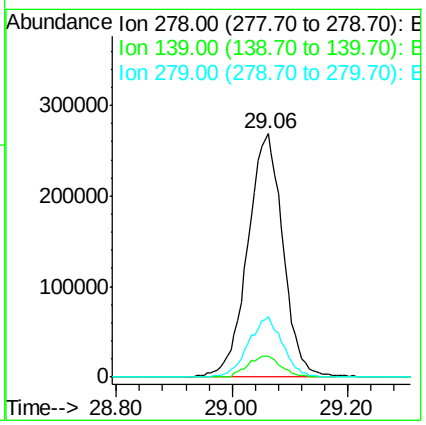


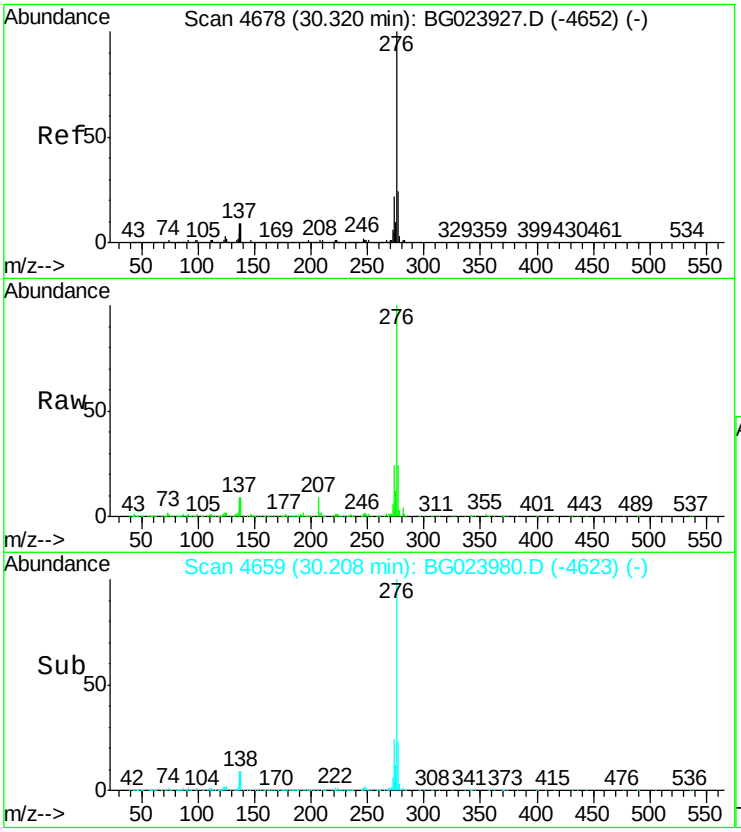


#90
Dibenzo(a,h)anthracene
Concen: 48.31 ng
RT: 29.06 min Scan# 4464
Delta R.T. -0.08 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Tgt Ion:278 Resp: 1140488

Ion	Ratio	Lower	Upper
278	100		
139	8.5	4.7	7.1#
279	24.8	18.3	27.5





#91
Benzo(g,h,i)perylene
Concen: 50.75 ng
RT: 30.21 min Scan# 4659
Delta R.T. -0.09 min
Lab File: BG023980.D
Acq: 9 Sep 2016 18:56

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMSD

Tgt Ion:276 Resp: 1152359

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.6	27.8
138	8.6	6.8	10.2