Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081716\
Data File : BG023747.D
Acq On : 17 Aug 2016 11:02
Operator : UM/SJ
Sample : H4449-03MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SOIL-CUTTINGSMS

Quant Time: Aug 17 16:18:46 2016
Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 19:22:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	122903	20.00	ng		-0.02
21) Naphthalene-d8	10.94	136	553757	20.00	ng		-0.01
38) Acenaphthene-d10	14.78	164	378579	20.00	ng		0.00
63) Phenanthrene-d10	17.54	188	841002	20.00	ng		0.00
75) Chrysene-d12	21.87	240	802368	20.00	ng		0.00
86) Perylene-d12	25.27	264	793159	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	875043	119.85	ng		-0.01
7) Phenol-d6	7.26	99	1272632	111.91	ng		-0.01
23) Nitrobenzene-d5	9.28	82	967112	86.83	ng		-0.01
41) 2,4,6-Tribromophenol	16.28	330	628536	113.51	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	1877398	83.64	ng		0.00
78) Terphenyl-d14	20.15	244	2459535	99.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	91144	29.30	ng	#	90
3) Pyridine	3.92	79	265532	25.97	ng		96
4) n-Nitrosodimethylamine	3.83	42	154283	40.71	ng		79
6) Aniline	7.42	93	320138	19.48	ng		96
8) 2-Chlorophenol	7.66	128	353608	42.16	ng		99
9) Benzaldehyde	7.23	77	46955	4.92	ng		96
10) Phenol	7.29	94	473545	38.92	ng		83
11) bis(2-Chloroethyl)ether	7.51	93	372414	38.38	ng		93
12) 1,3-Dichlorobenzene	7.99	146	362594	37.76	ng		93
13) 1,4-Dichlorobenzene	8.14	146	370845	37.72	ng		99
14) 1,2-Dichlorobenzene	8.46	146	358613	37.19	ng		94
15) Benzyl Alcohol	8.34	79	431788	50.11	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.63	45	530981	37.20	ng		89
17) 2-Methylphenol	8.56	107	340757	41.78	ng		91
18) Hexachloroethane	9.19	117	146842	39.68	ng		92
19) n-Nitroso-di-n-propylamine	8.91	70	375774	38.42	ng		100
20) 3+4-Methylphenols	8.89	107	477771	41.55	ng		88
22) Acetophenone	8.94	105	547992	36.14	ng	#	92
24) Nitrobenzene	9.33	77	545430	44.22	ng		91
25) Isophorone	9.85	82	993648	42.83	ng	#	95
26) 2-Nitrophenol	10.04	139	226764	43.56	ng	#	83
27) 2,4-Dimethylphenol	10.10	122	382025	43.10	ng		90
28) bis(2-Chloroethoxy)methane	10.33	93	558667	40.06	ng		98
29) 2,4-Dichlorophenol	10.59	162	411606	46.18	ng		99
30) 1,2,4-Trichlorobenzene	10.80	180	409141	42.56	ng		99
31) Naphthalene	10.99	128	1172486	41.58	ng		99
32) Benzoic acid	10.27	122	222800	30.08	ng		96
33) 4-Chloroaniline	11.11	127	96523	7.16	ng	#	90
34) Hexachlorobutadiene	11.26	225	270031	42.72	ng		97
35) Caprolactam	11.90	113	132797m	35.41	ng		
36) 4-Chloro-3-methylphenol	12.23	107	503270	42.98	ng		98
37) 2-Methylnaphthalene	12.82	142	852950	39.79	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	454249	33.09	ng		98
40) Hexachlorocyclopentadiene	12.93	237	227339	32.84	ng		96

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081716\
Data File : BG023747.D
Acq On : 17 Aug 2016 11:02
Operator : UM/SJ
Sample : H4449-03MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SOIL-CUTTINGSMS

Quant Time: Aug 17 16:18:46 2016
Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 19:22:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	359342	43.94	ng		98
43) 2,4,5-Trichlorophenol	13.30	196	367891	43.70	ng		94
45) 1,1'-Biphenyl	13.60	154	1079705	37.31	ng		96
46) 2-Chloronaphthalene	13.66	162	945708	42.24	ng		97
47) 2-Nitroaniline	13.86	65	407834	43.87	ng		92
48) Acenaphthylene	14.50	152	1503508	42.48	ng		98
49) Dimethylphthalate	14.23	163	1249141	43.01	ng		98
50) 2,6-Dinitrotoluene	14.35	165	288555	41.95	ng		91
51) Acenaphthene	14.84	154	951082	42.42	ng		97
52) 3-Nitroaniline	14.69	138	175258	22.60	ng	#	84
53) 2,4-Dinitrophenol	14.91	184	236366	53.61	ng		90
54) Dibenzofuran	15.18	168	1489947	45.77	ng		99
55) 4-Nitrophenol	15.02	139	415242	68.16	ng	#	83
56) 2,4-Dinitrotoluene	15.15	165	419771	43.48	ng		98
57) Fluorene	15.83	166	1219350	42.93	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.41	232	353403	45.74	ng		92
59) Diethylphthalate	15.59	149	1288248	43.69	ng		97
60) 4-Chlorophenyl-phenylether	15.82	204	642989	42.77	ng		98
61) 4-Nitroaniline	15.86	138	290663	35.20	ng	#	68
62) Azobenzene	16.11	77	1417659	47.43	ng		93
64) 4,6-Dinitro-2-methylphenol	15.92	198	191380	33.47	ng		93
65) n-Nitrosodiphenylamine	16.03	169	1099137	44.56	ng		94
66) 4-Bromophenyl-phenylether	16.72	248	439417	44.83	ng		93
67) Hexachlorobenzene	16.85	284	455634	42.49	ng		96
68) Atrazine	16.99	200	434077	45.83	ng		97
69) Pentachlorophenol	17.20	266	448793	71.78	ng		100
70) Phenanthrene	17.59	178	1870306	43.83	ng		98
71) Anthracene	17.68	178	1895650	44.17	ng		99
72) Carbazole	17.96	167	1709631	45.36	ng		98
73) Di-n-butylphthalate	18.49	149	2022580	54.55	ng		98
74) Fluoranthene	19.60	202	2041563	52.26	ng		97
76) Benzidine	19.78	184	452256	20.28	ng		97
77) Pyrene	19.96	202	2032834	44.67	ng		100
79) Butylbenzylphthalate	20.83	149	938880	48.59	ng		99
80) Benzo(a)anthracene	21.84	228	1980419	44.71	ng		98
81) 3,3'-Dichlorobenzidine	21.76	252	499521	27.50	ng	#	97
82) Chrysene	21.92	228	1869352	44.36	ng		98
83) Bis(2-ethylhexyl)phthalate	21.72	149	1289284	48.73	ng		99
84) Di-n-octyl phthalate	22.99	149	2169068	48.03	ng		100
85) Indeno(1,2,3-cd)pyrene	29.19	276	2303384	43.74	ng	#	100
87) Benzo(b)fluoranthene	24.19	252	2038802	45.69	ng	#	97
88) Benzo(k)fluoranthene	24.26	252	1917332	44.73	ng	#	96
89) Benzo(a)pyrene	25.11	252	1939212	45.69	ng	#	98
90) Dibenzo(a,h)anthracene	29.26	278	1998289	46.09	ng	#	93
91) Benzo(g,h,i)perylene	30.42	276	1874250	42.93	ng	#	93

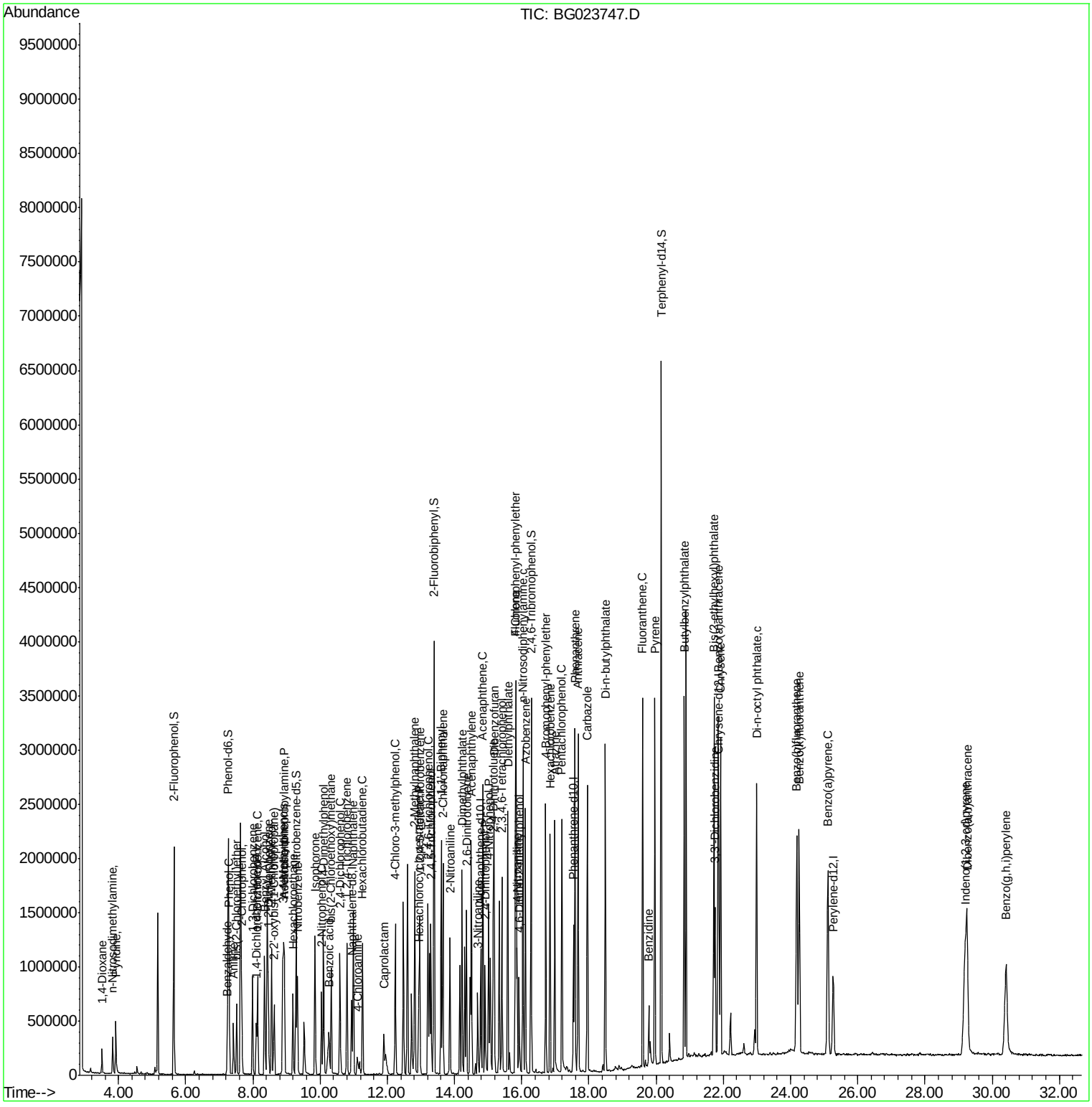
(#) = qualifier out of range (m) = manual integration (+) = signals summed

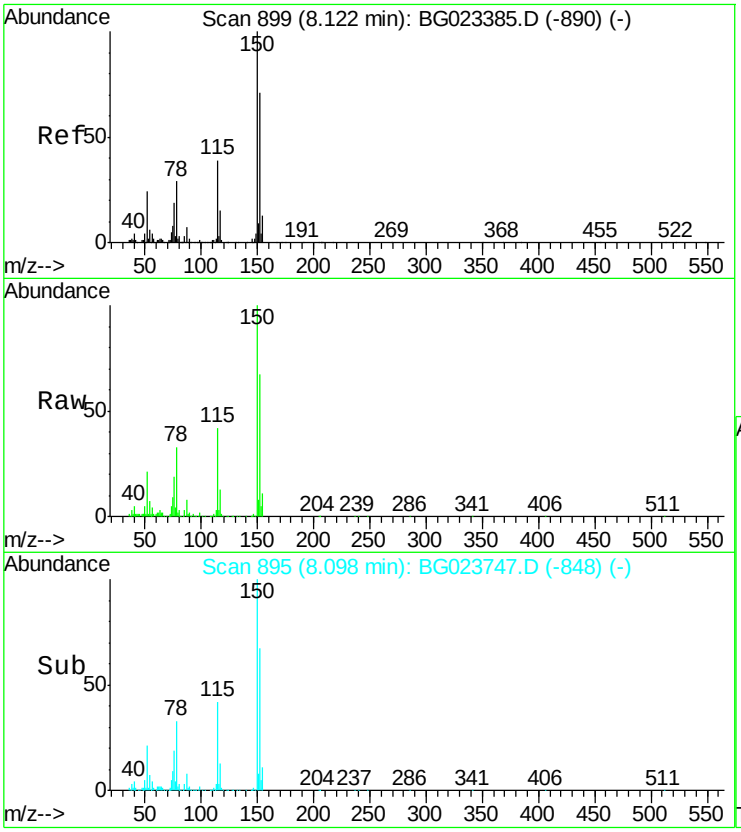
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081716\
Data File : BG023747.D
Acq On : 17 Aug 2016 11:02
Operator : UM/SJ
Sample : H4449-03MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMS

Quant Time: Aug 17 16:18:46 2016
Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 19:22:14 2016
Response via : Initial Calibration



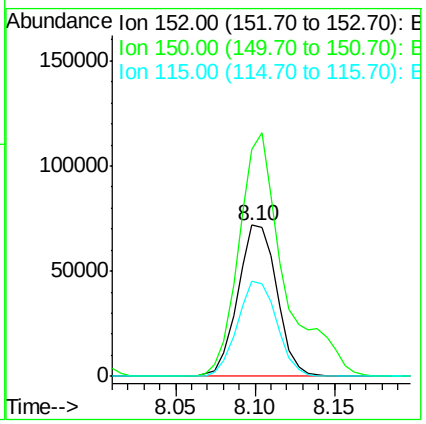


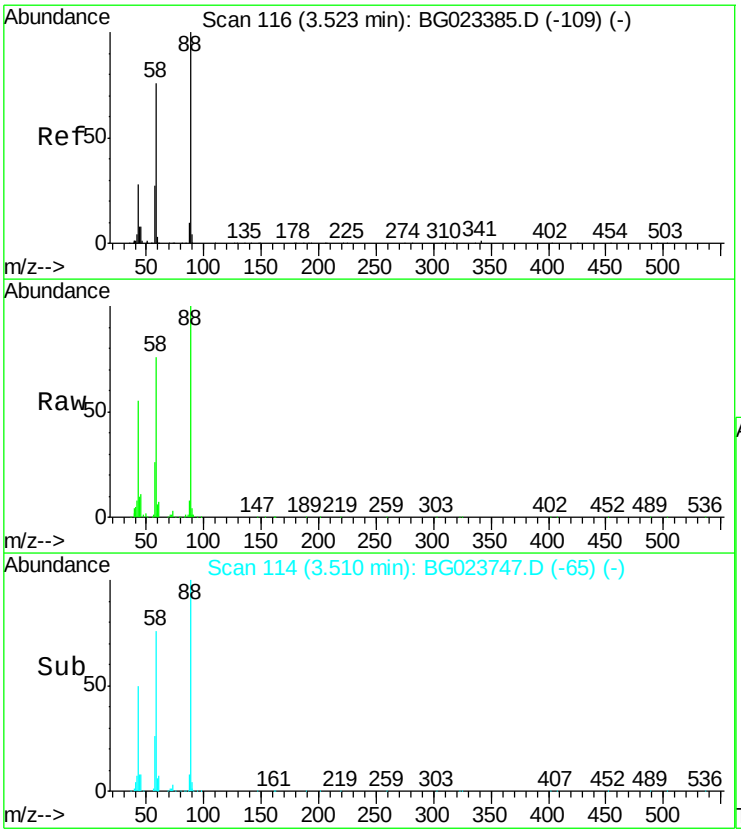
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.10 min Scan# 895
Delta R.T. -0.02 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMS

Tgt Ion:152 Resp: 122903

Ion	Ratio	Lower	Upper
152	100		
150	149.9	144.7	217.1
115	62.5	64.0	96.0#

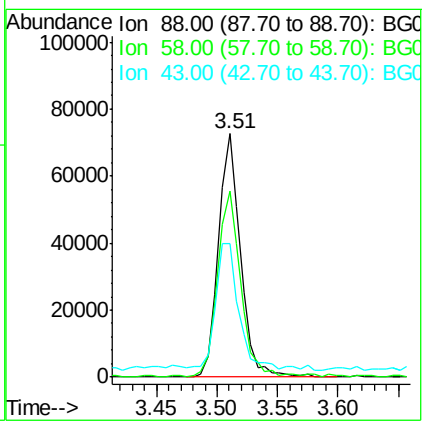


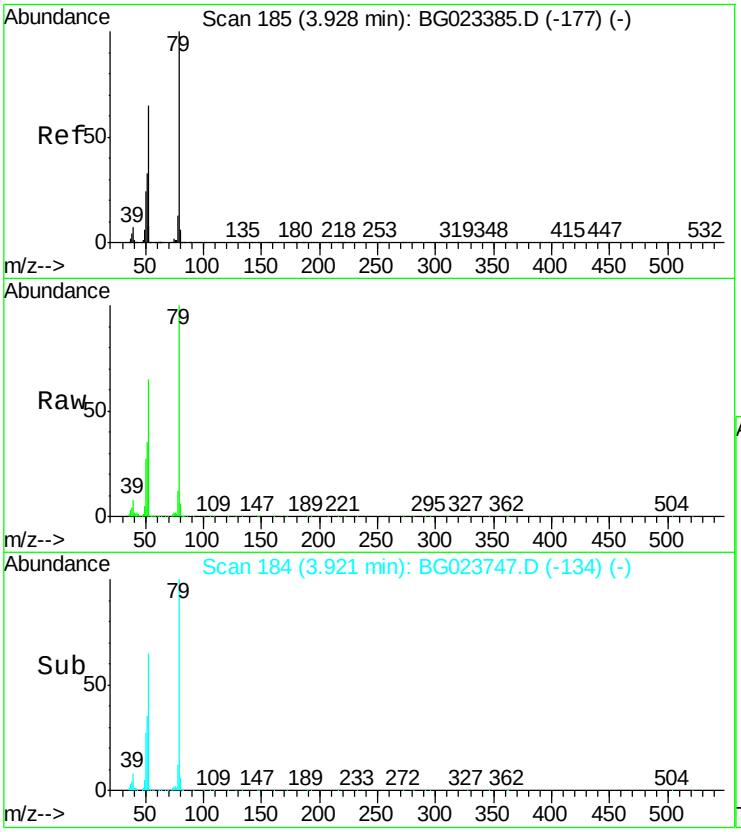


#2
1,4-Dioxane
Concen: 29.30 ng
RT: 3.51 min Scan# 114
Delta R.T. -0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Tgt Ion: 88 Resp: 91144

Ion	Ratio	Lower	Upper
88	100		
58	79.1	60.4	90.6
43	51.7	31.1	46.7#



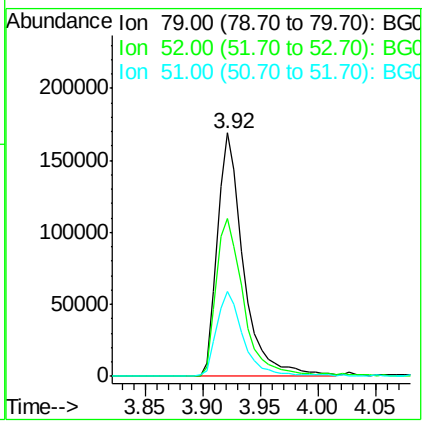


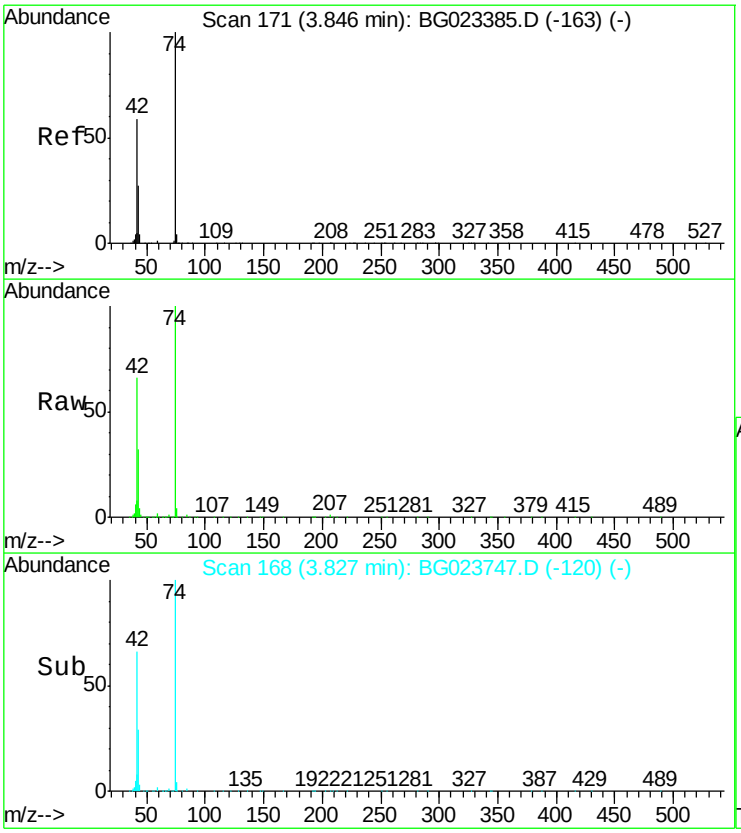
#3
Pyridine
Concen: 25.97 ng
RT: 3.92 min Scan# 184
Delta R.T. -0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMS

Tgt Ion: 79 Resp: 265532

Ion	Ratio	Lower	Upper
79	100		
52	65.0	51.8	77.8
51	35.0	32.7	49.1

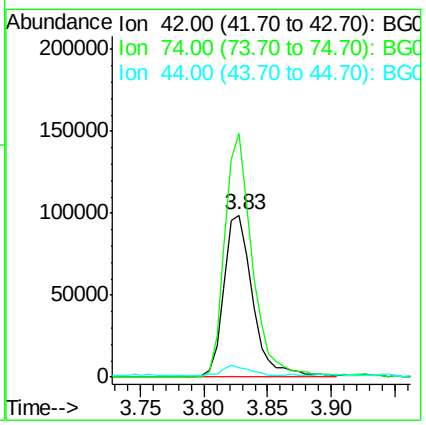


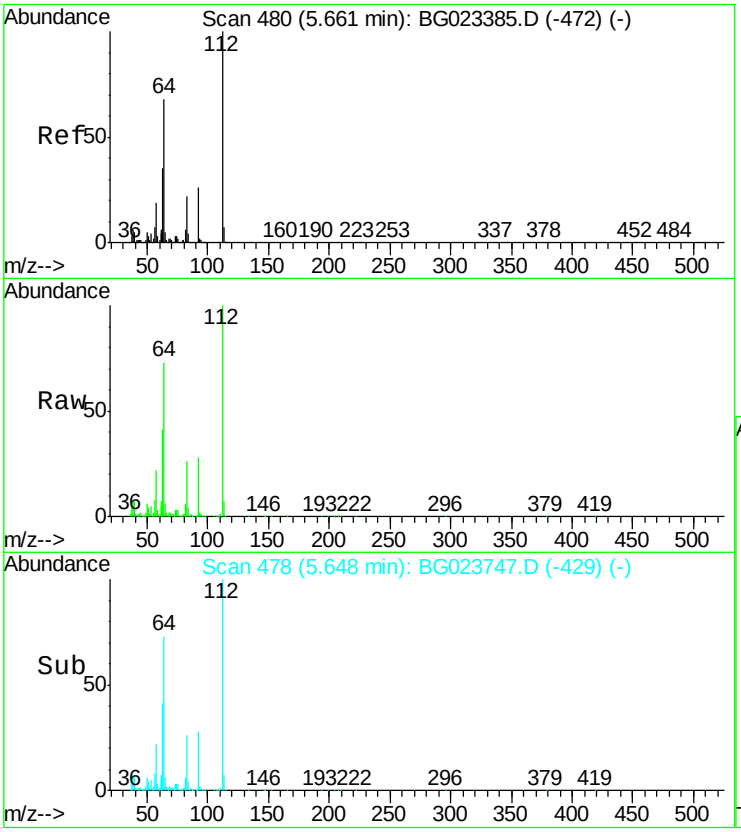


#4
n-Nitrosodimethylamine
Concen: 40.71 ng
RT: 3.83 min Scan# 168
Delta R.T. -0.02 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Tgt Ion: 42 Resp: 154283

Ion	Ratio	Lower	Upper
42	100		
74	150.4	100.6	150.8
44	5.7	4.5	6.7



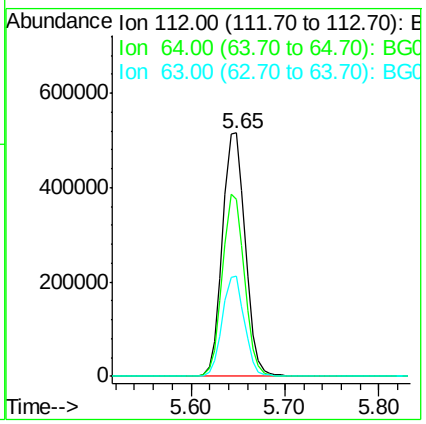


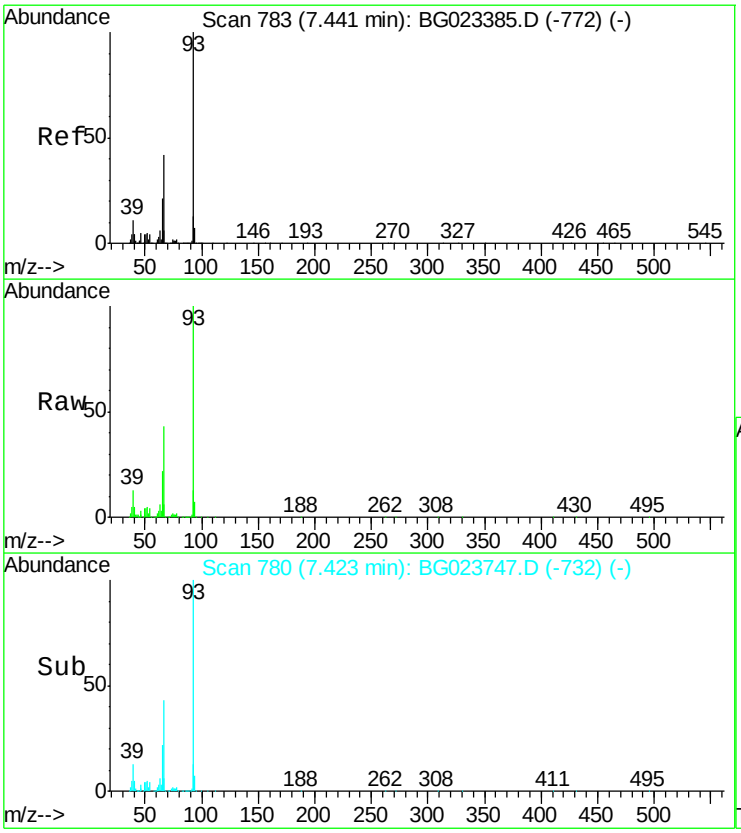
#5
2-Fluorophenol
Concen: 119.85 ng
RT: 5.65 min Scan# 478
Delta R.T. -0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMS

Tgt Ion:112 Resp: 875043

Ion	Ratio	Lower	Upper
112	100		
64	73.0	59.0	88.4
63	41.2	37.8	56.8

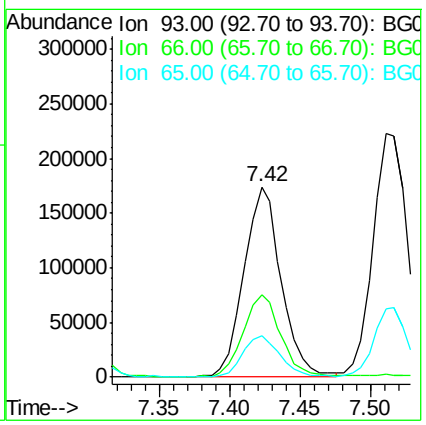


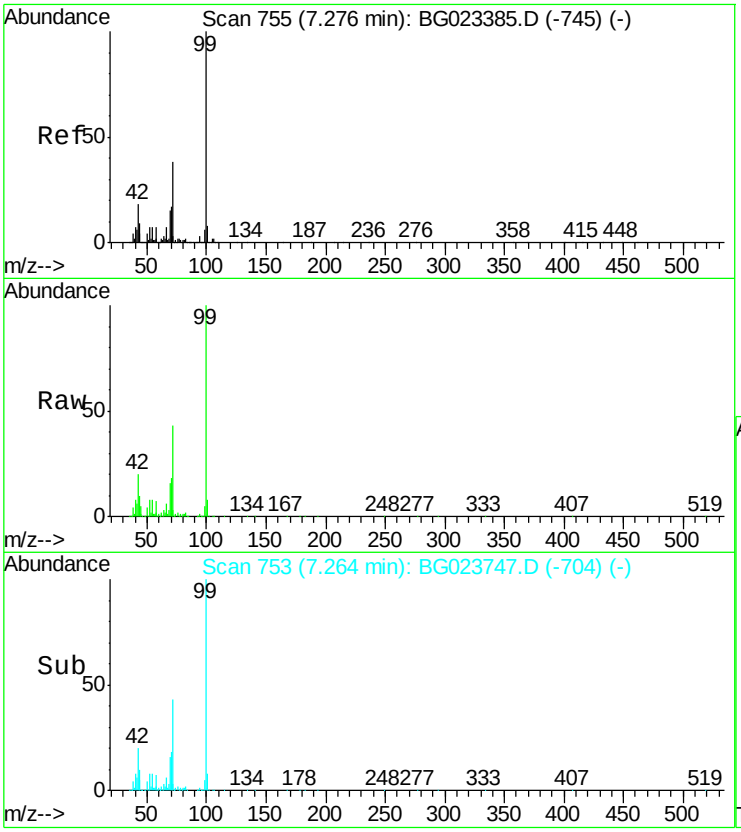


#6
Aniline
Concen: 19.48 ng
RT: 7.42 min Scan# 780
Delta R.T. -0.02 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Tgt Ion: 93 Resp: 320138

Ion	Ratio	Lower	Upper
93	100		
66	43.4	37.5	56.3
65	21.9	17.9	26.9



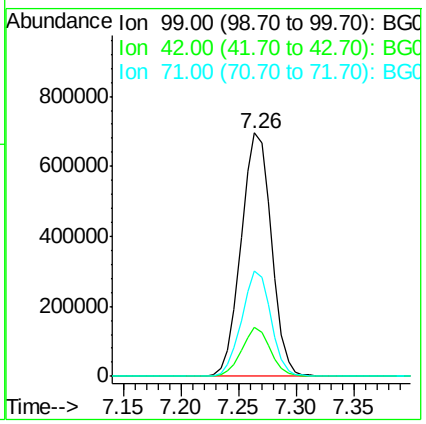


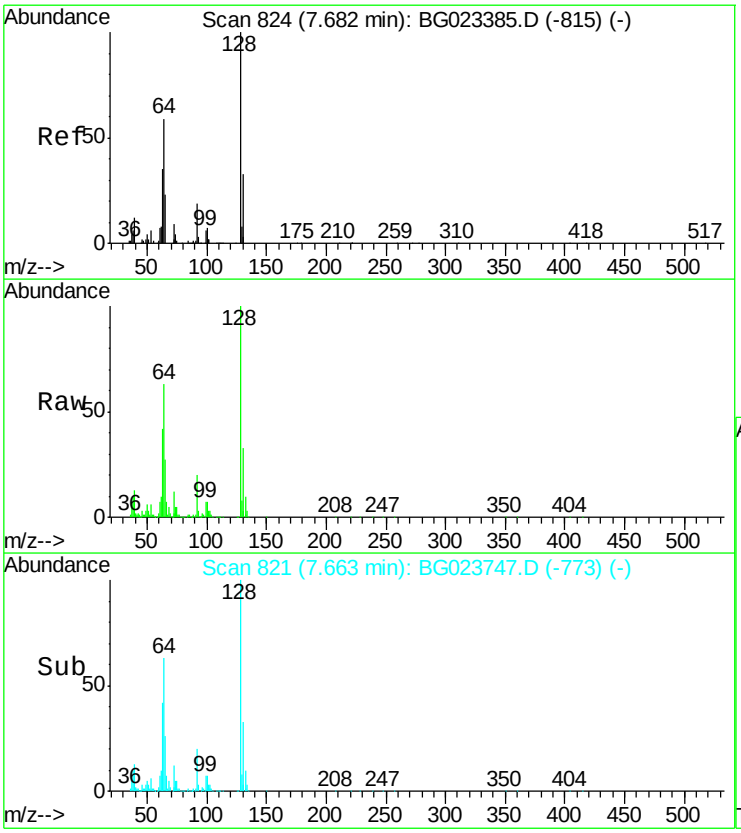
#7
Phenol-d6
Concen: 111.91 ng
RT: 7.26 min Scan# 753
Delta R.T. -0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMS

Tgt Ion: 99 Resp: 1272632

Ion	Ratio	Lower	Upper
99	100		
42	20.3	17.8	26.6
71	43.2	41.5	62.3

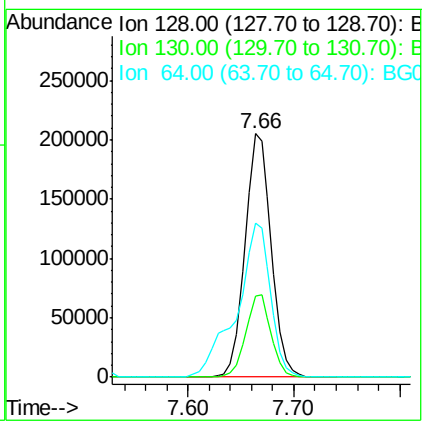


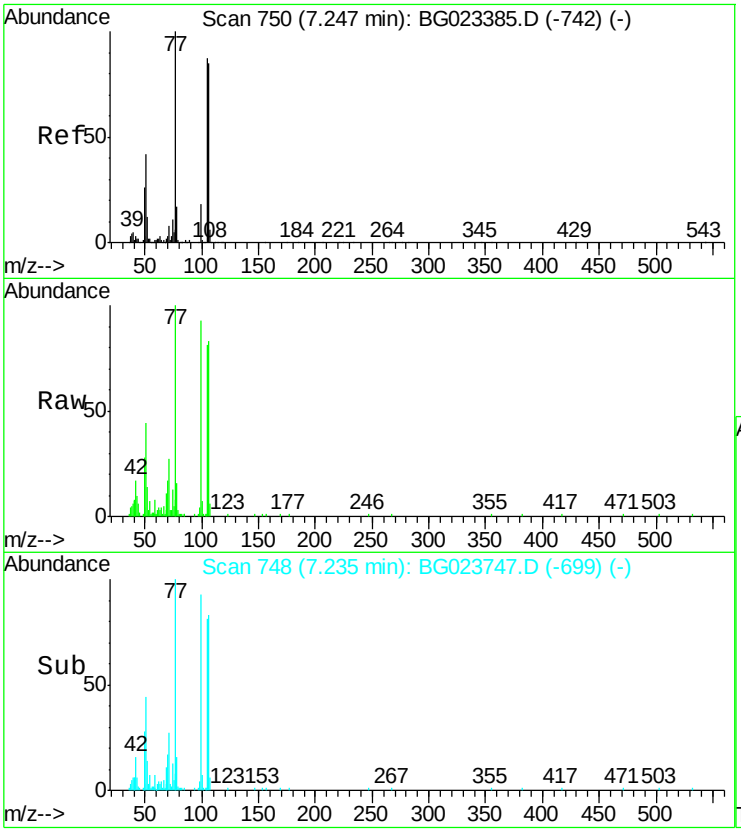


#8
2-Chlorophenol
Concen: 42.16 ng
RT: 7.66 min Scan# 821
Delta R.T. -0.02 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Tgt Ion:128 Resp: 353608

Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.9	52.9
64	63.0	42.0	82.0



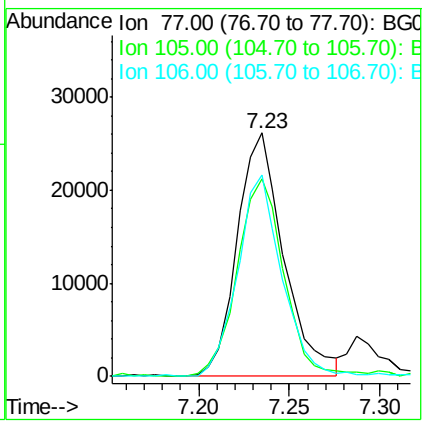


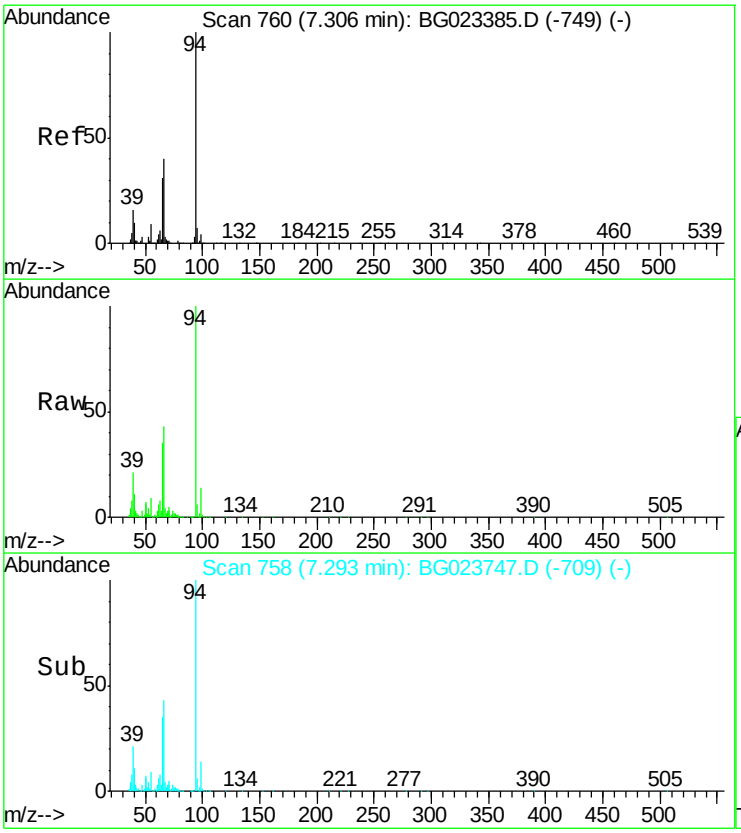
#9
Benzaldehyde
Concen: 4.92 ng
RT: 7.23 min Scan# 748
Delta R.T. -0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMS

Tgt Ion: 77 Resp: 46955

Ion	Ratio	Lower	Upper
77	100		
105	81.0	58.7	98.7
106	82.6	67.5	107.5

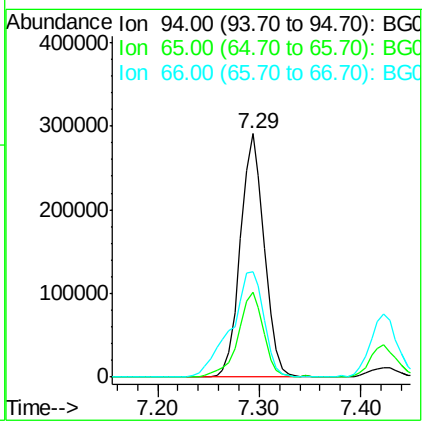


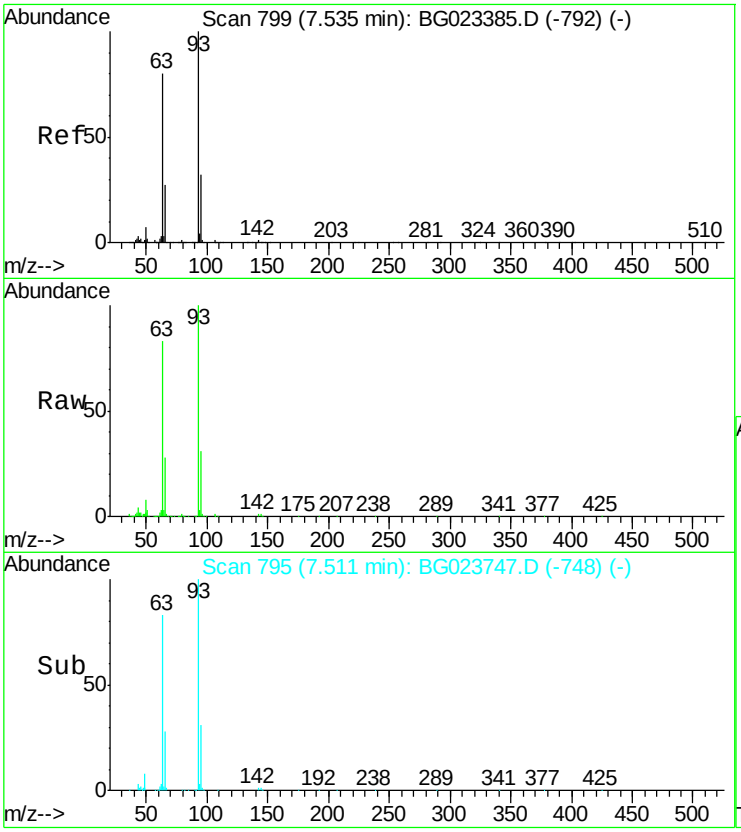


#10
Phenol
Concen: 38.92 ng
RT: 7.29 min Scan# 758
Delta R.T. -0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Tgt Ion: 94 Resp: 473545

Ion	Ratio	Lower	Upper
94	100		
65	34.9	18.1	58.1
66	43.3	42.1	82.1



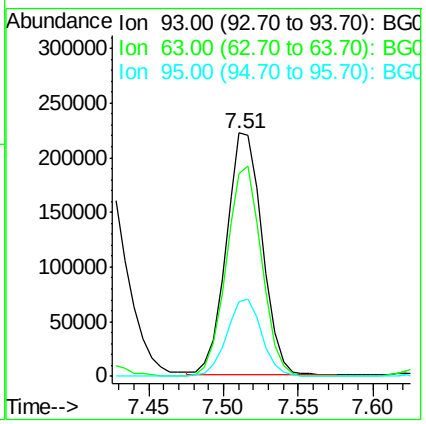


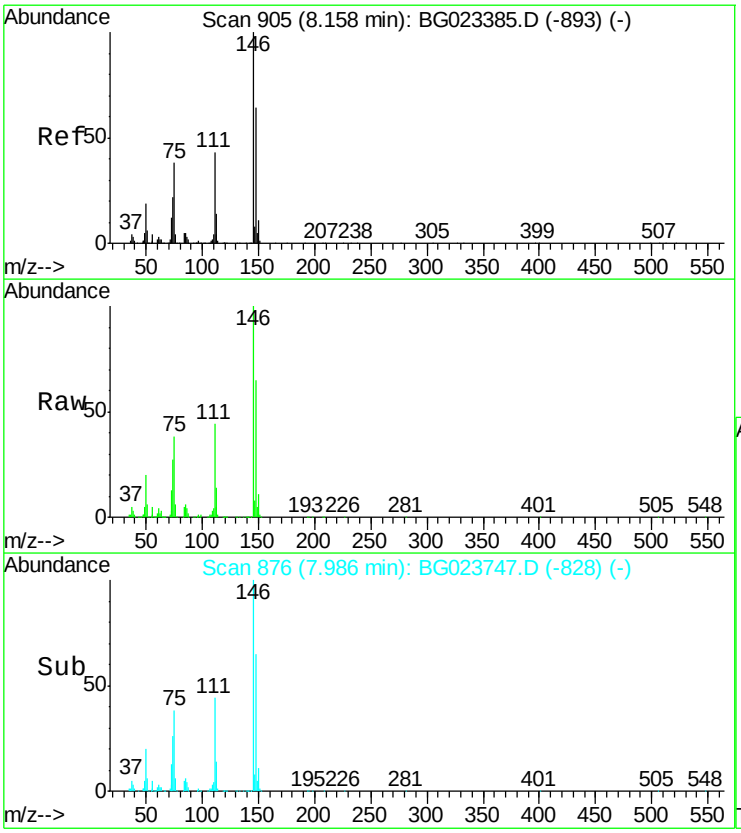
#11
bis(2-Chloroethyl)ether
Concen: 38.38 ng
RT: 7.51 min Scan# 795
Delta R.T. -0.02 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMS

Tgt Ion: 93 Resp: 372414

Ion	Ratio	Lower	Upper
93	100		
63	83.3	55.0	95.0
95	30.8	11.0	51.0

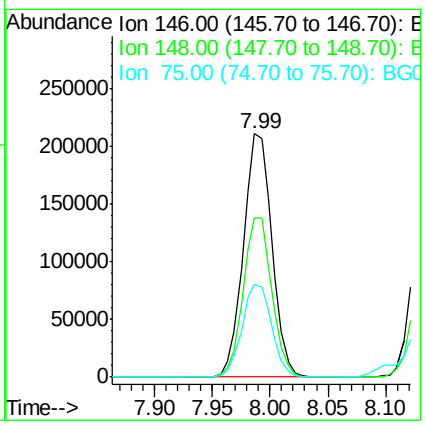


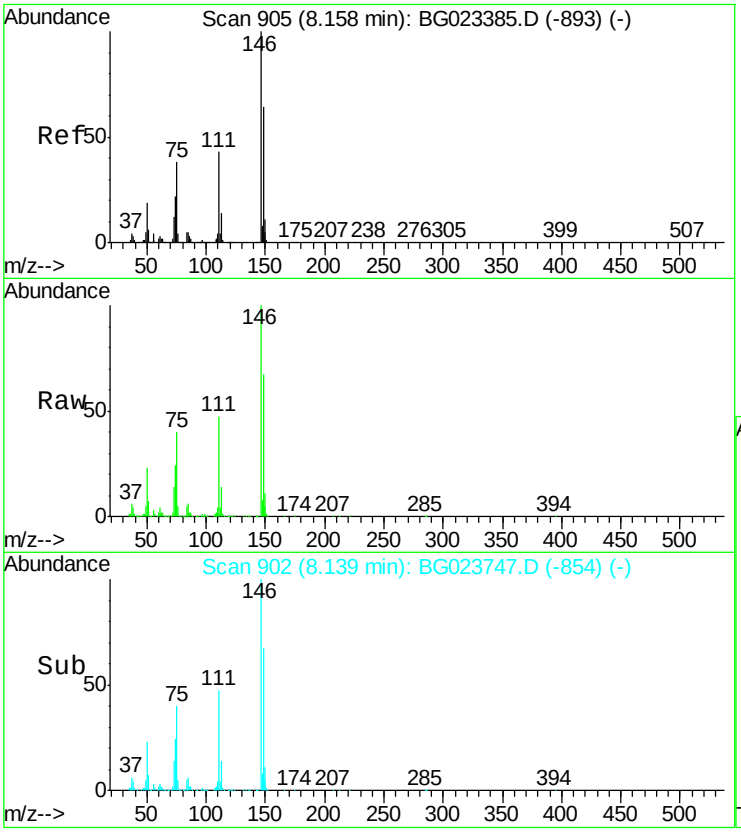


#12
1,3-Dichlorobenzene
Concen: 37.76 ng
RT: 7.99 min Scan# 876
Delta R.T. -0.02 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Tgt Ion:146 Resp: 362594

Ion	Ratio	Lower	Upper
146	100		
148	65.2	50.3	75.5
75	37.8	37.0	55.6



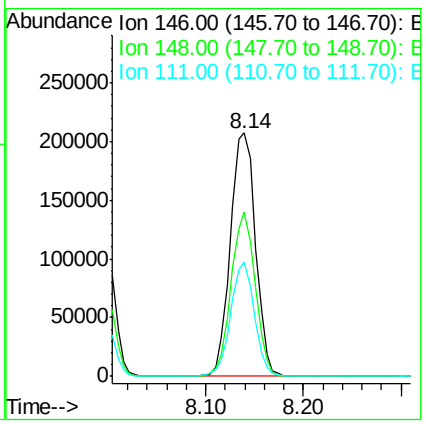


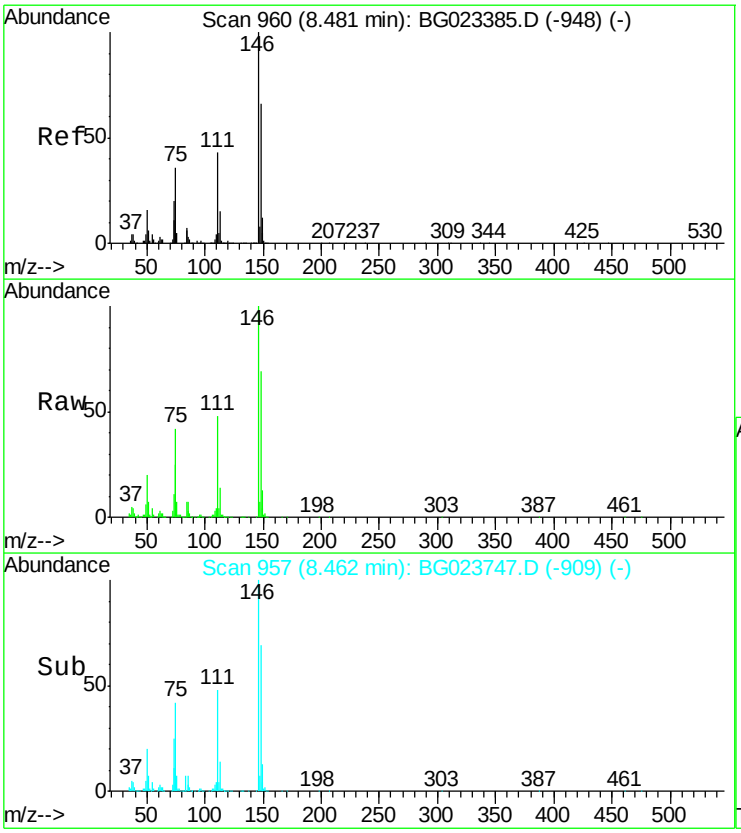
#13
1,4-Dichlorobenzene
Concen: 37.72 ng
RT: 8.14 min Scan# 902
Delta R.T. -0.02 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMS

Tgt Ion:146 Resp: 370845

Ion	Ratio	Lower	Upper
146	100		
148	67.3	54.5	81.7
111	46.8	37.8	56.8

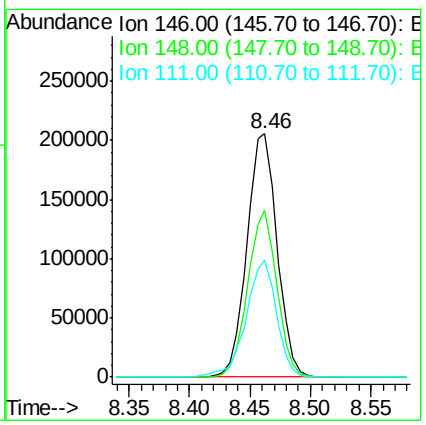


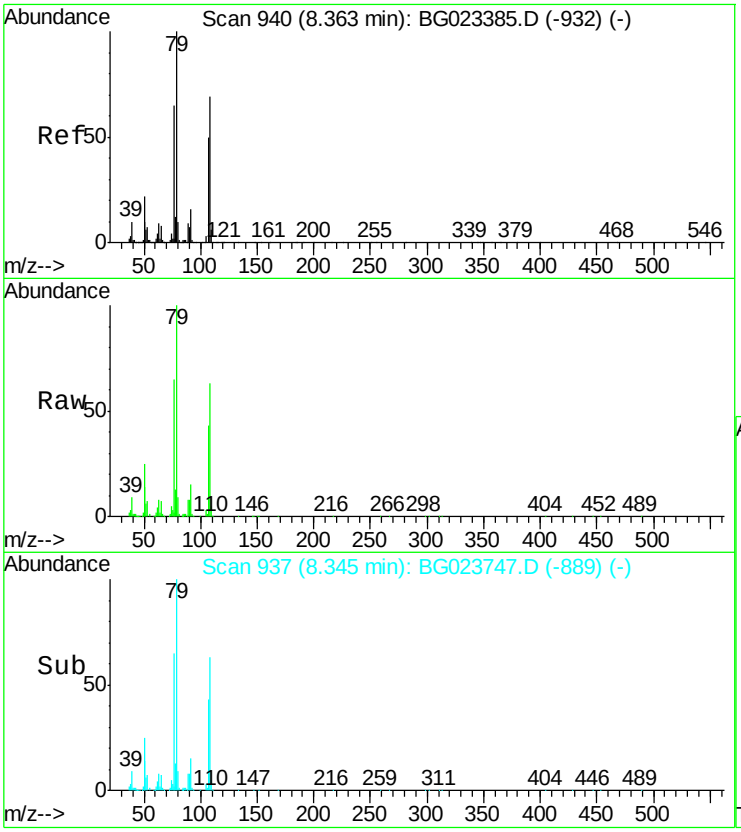


#14
1,2-Dichlorobenzene
Concen: 37.19 ng
RT: 8.46 min Scan# 957
Delta R.T. -0.02 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Tgt Ion:146 Resp: 358613

Ion	Ratio	Lower	Upper
146	100		
148	68.5	52.9	79.3
111	48.0	43.5	65.3



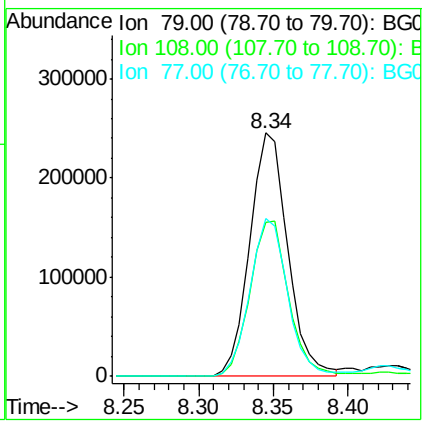


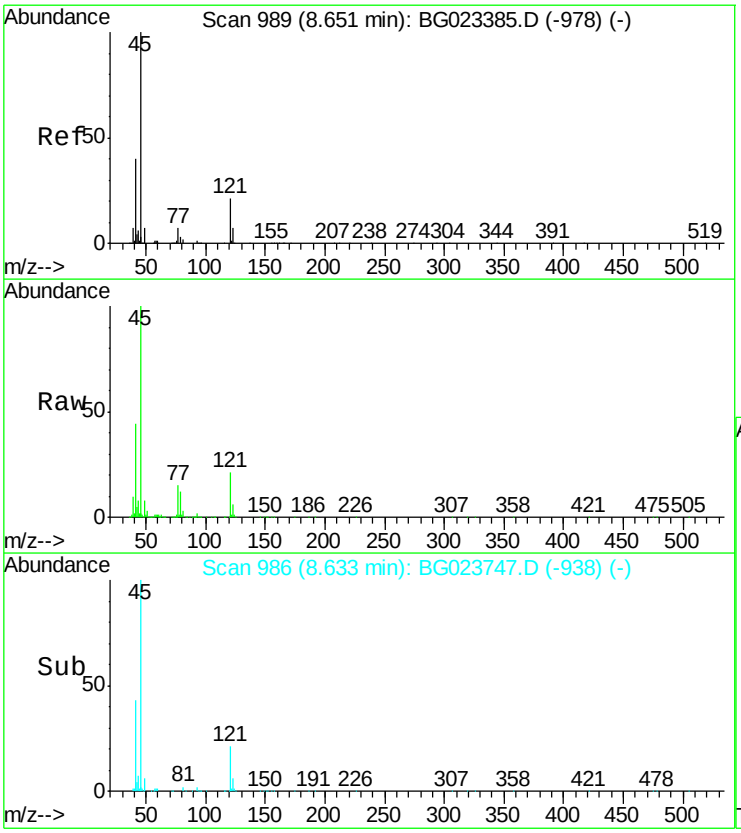
#15
Benzyl Alcohol
Concen: 50.11 ng
RT: 8.34 min Scan# 937
Delta R.T. -0.02 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMS

Tgt Ion: 79 Resp: 431788

Ion	Ratio	Lower	Upper
79	100		
108	63.2	46.5	69.7
77	65.0	52.3	78.5

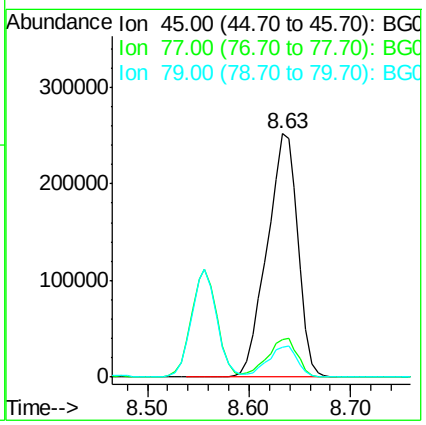


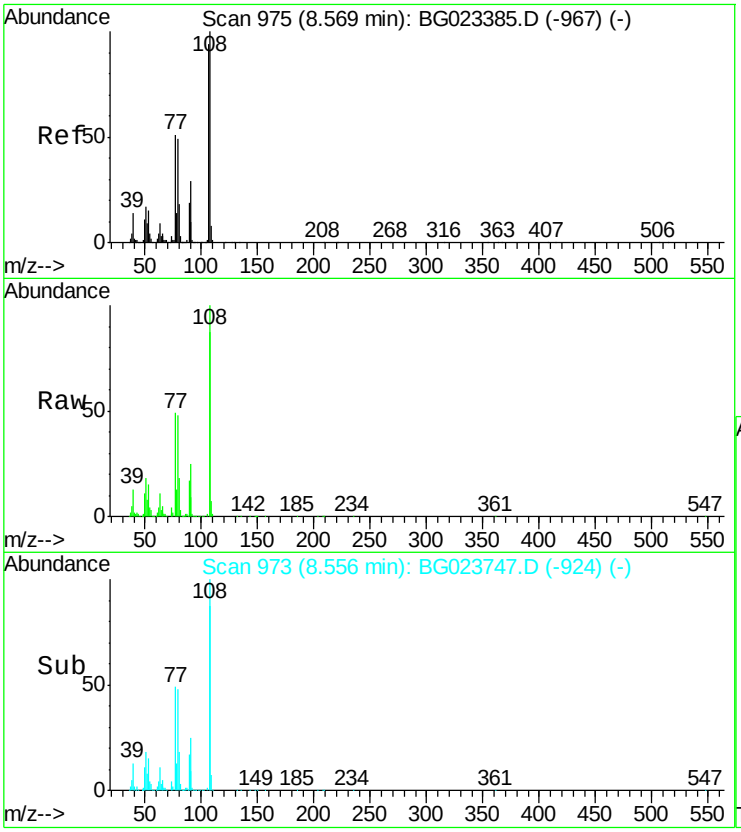


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.20 ng
RT: 8.63 min Scan# 986
Delta R.T. -0.02 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Tgt Ion: 45 Resp: 530981

Ion	Ratio	Lower	Upper
45	100		
77	15.2	0.6	40.6
79	12.2	0.0	36.2



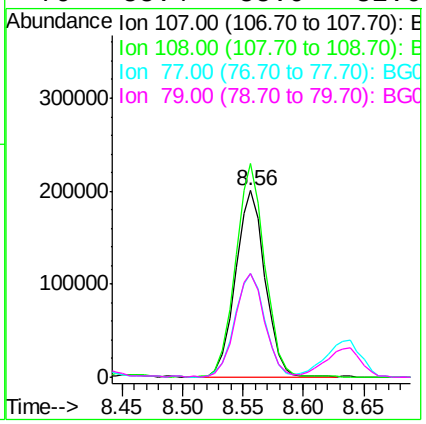


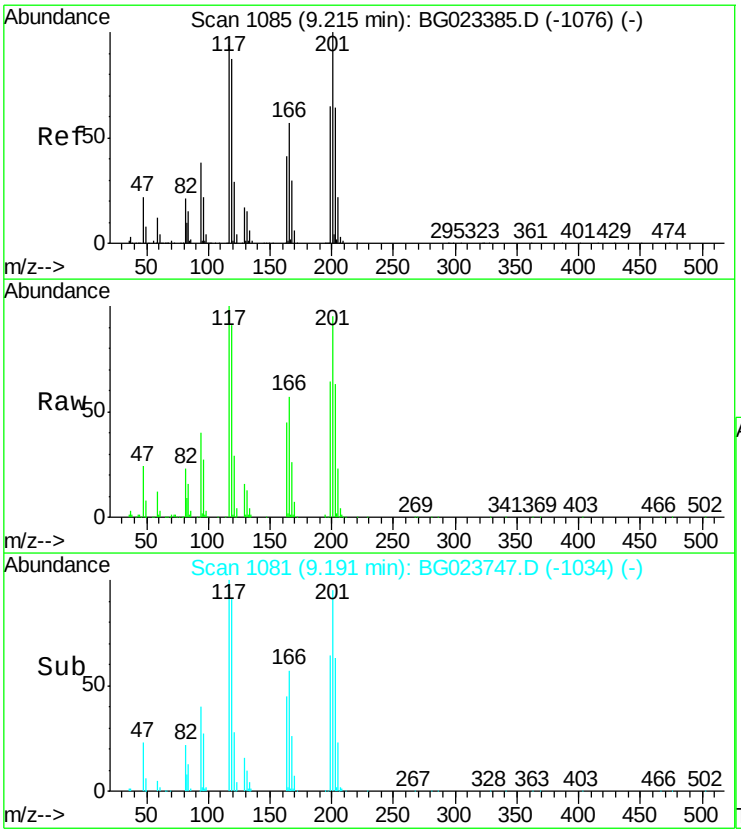
#17
2-Methylphenol
Concen: 41.78 ng
RT: 8.56 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMS

Tgt Ion:107 Resp: 340757

Ion	Ratio	Lower	Upper
107	100		
108	114.5	92.0	138.0
77	55.9	55.8	83.6
79	55.4	55.0	82.6

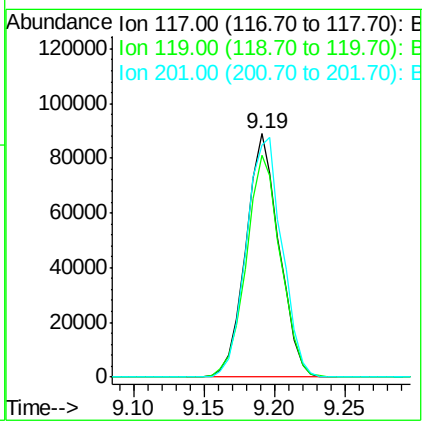


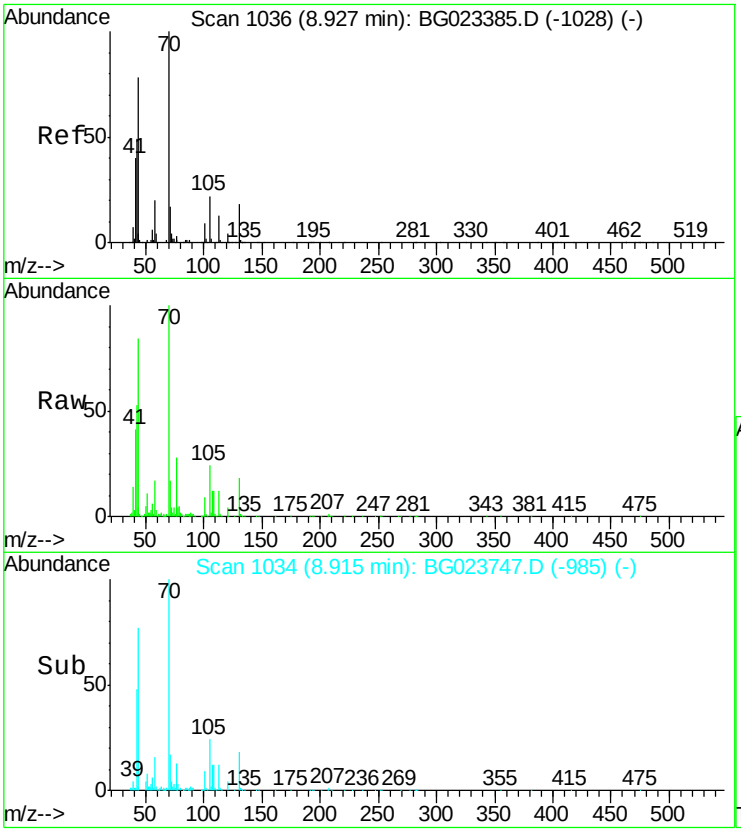


#18
Hexachloroethane
Concen: 39.68 ng
RT: 9.19 min Scan# 1081
Delta R.T. -0.02 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Tgt Ion:117 Resp: 146842

Ion	Ratio	Lower	Upper
117	100		
119	91.3	73.7	110.5
201	95.2	88.7	133.1



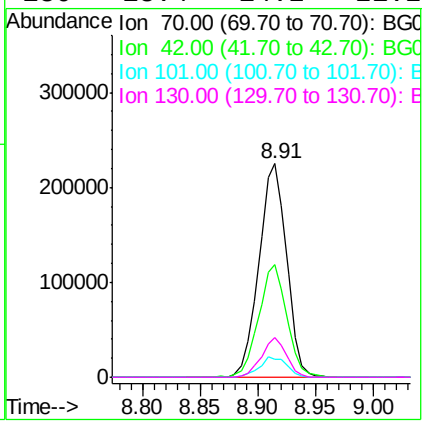


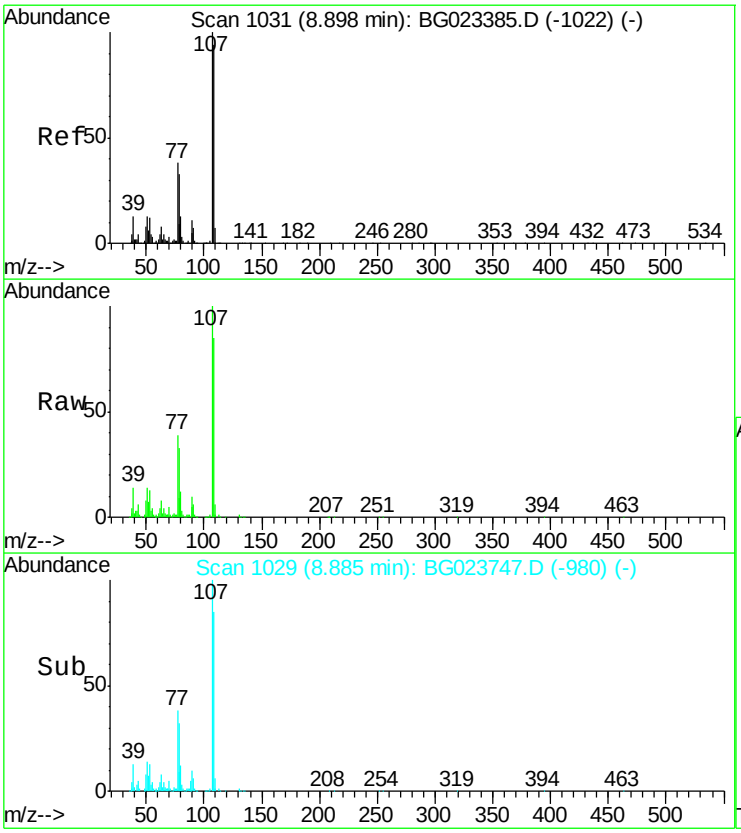
#19
n-Nitroso-di-n-propylamine
Concen: 38.42 ng
RT: 8.91 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMS

Tgt Ion: 70 Resp: 375774

Ion	Ratio	Lower	Upper
70	100		
42	52.6	42.1	63.1
101	8.7	7.2	10.8
130	18.4	14.2	21.2

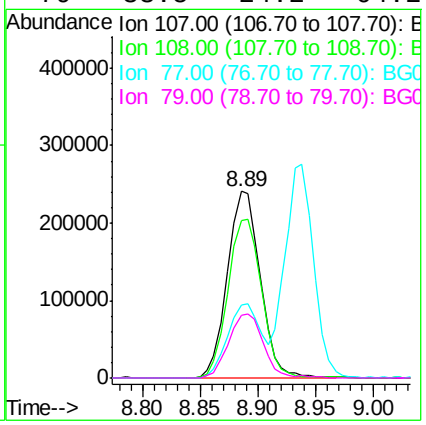


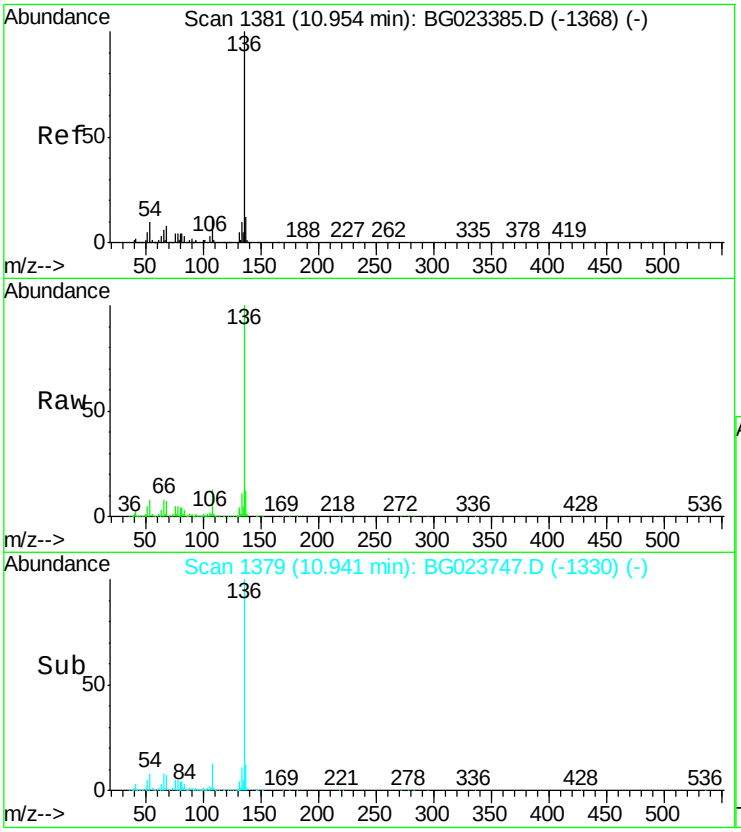


#20
3+4-Methylphenols
Concen: 41.55 ng
RT: 8.89 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Tgt Ion:107 Resp: 477771

Ion	Ratio	Lower	Upper
107	100		
108	84.7	72.5	112.5
77	39.2	30.1	70.1
79	33.5	24.2	64.2



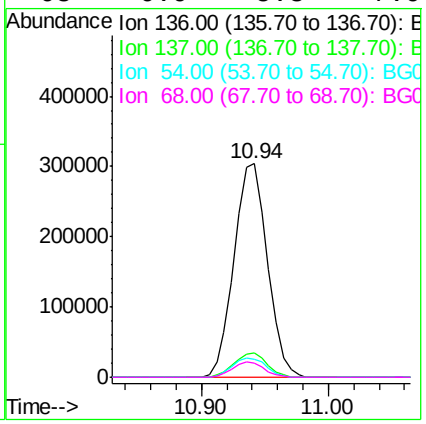


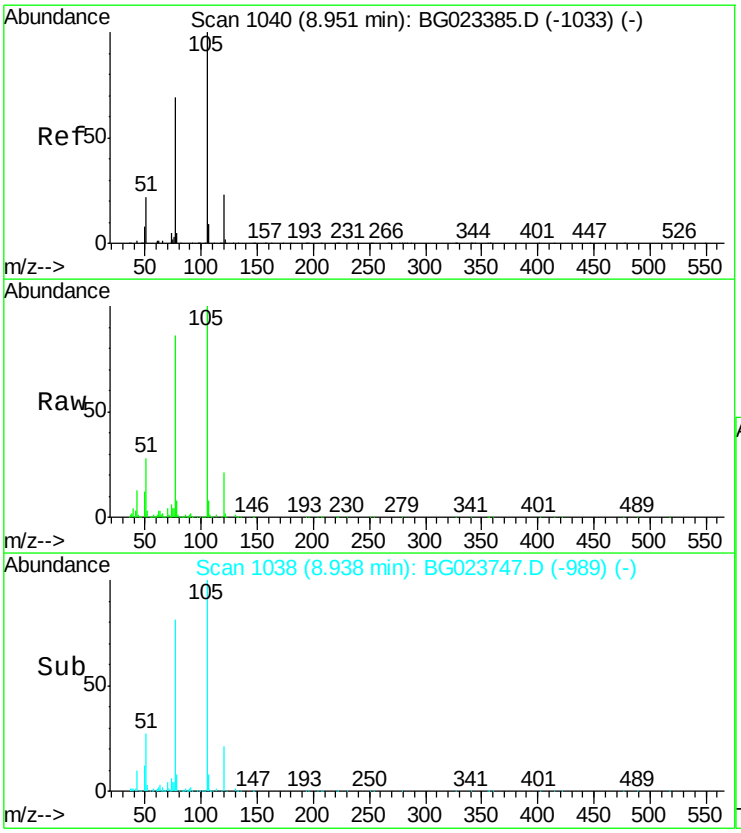
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMS

Tgt Ion:136 Resp: 553757

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	8.2	7.3	10.9
68	6.9	5.3	7.9

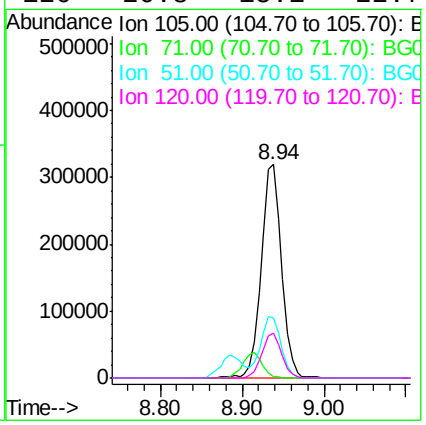


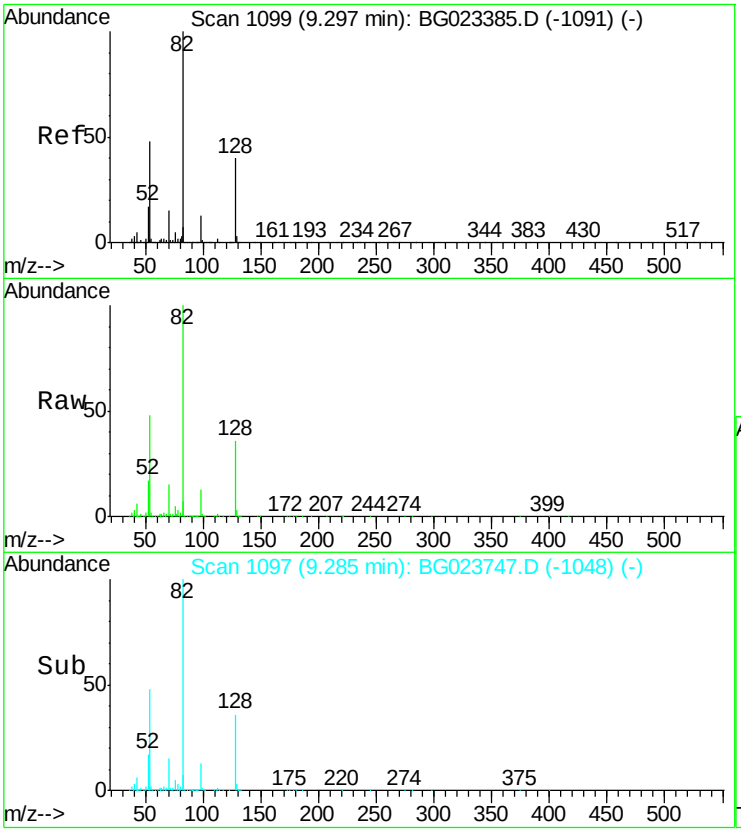


#22
Acetophenone
Concen: 36.14 ng
RT: 8.94 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Tgt Ion:105 Resp: 547992

Ion	Ratio	Lower	Upper
105	100		
71	0.7	2.6	3.8#
51	28.0	27.1	40.7
120	20.8	15.1	22.7



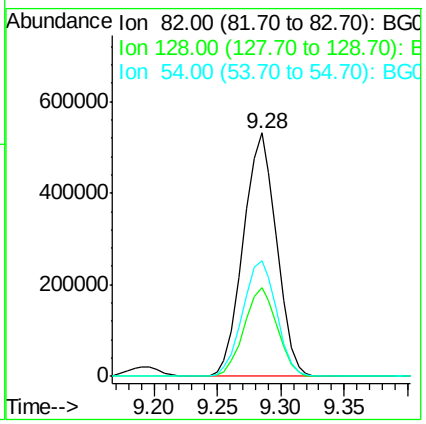


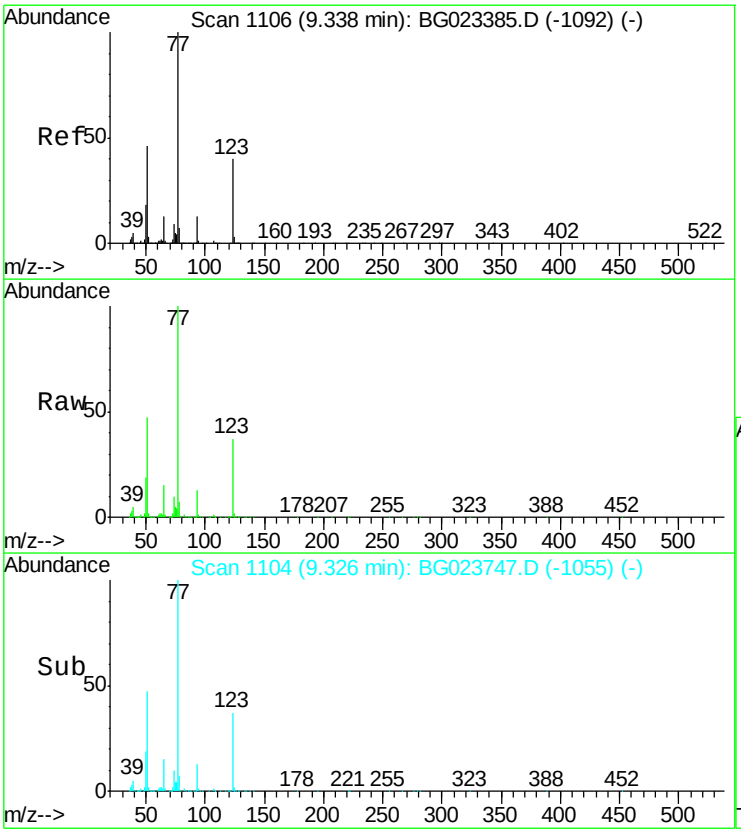
#23
Nitrobenzene-d5
Concen: 86.83 ng
RT: 9.28 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMS

Tgt Ion: 82 Resp: 967112

Ion	Ratio	Lower	Upper
82	100		
128	36.4	24.4	36.6
54	47.7	41.4	62.0

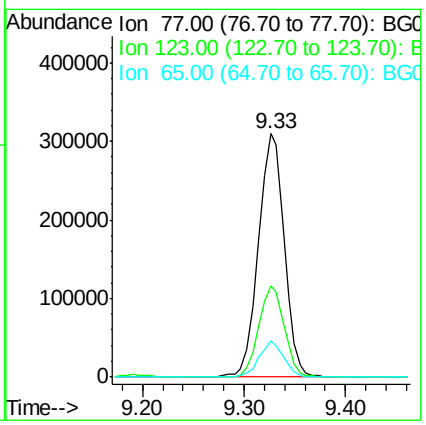


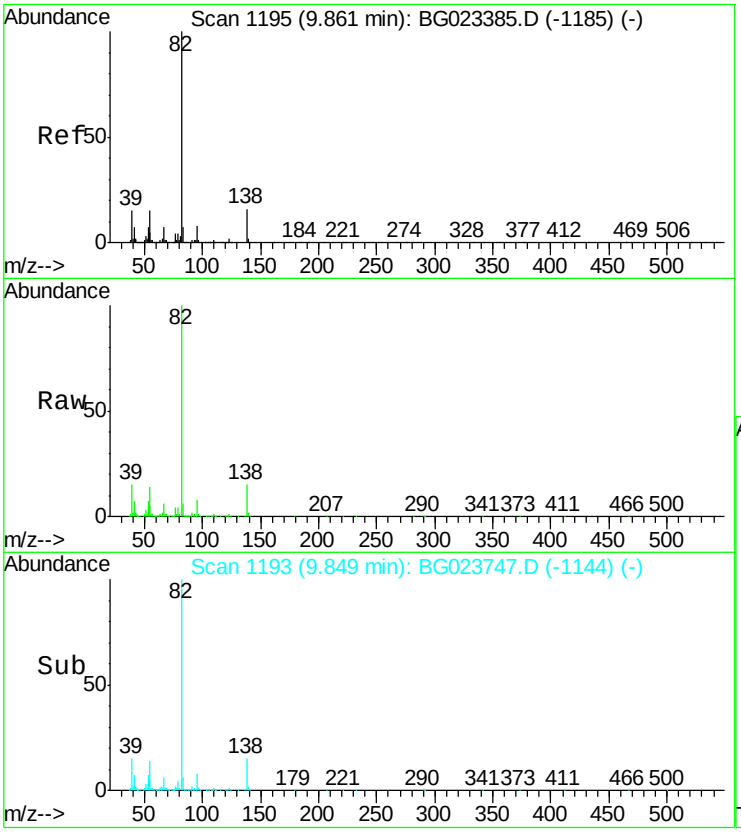


#24
Nitrobenzene
Concen: 44.22 ng
RT: 9.33 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Tgt Ion: 77 Resp: 545430

Ion	Ratio	Lower	Upper
77	100		
123	37.3	25.0	37.6
65	14.7	13.4	20.0



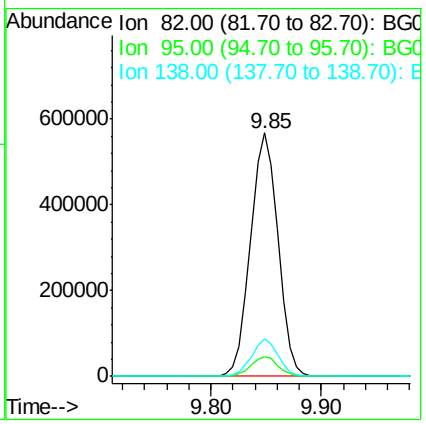


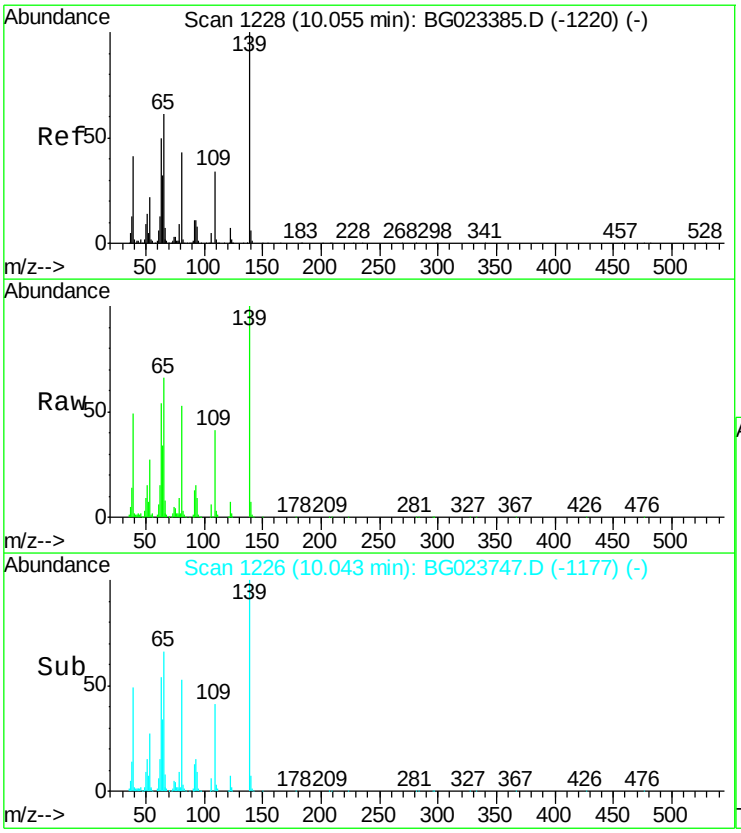
#25
Isophorone
Concen: 42.83 ng
RT: 9.85 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMS

Tgt Ion: 82 Resp: 993648

Ion	Ratio	Lower	Upper
82	100		
95	7.9	8.2	12.2#
138	15.3	10.7	16.1

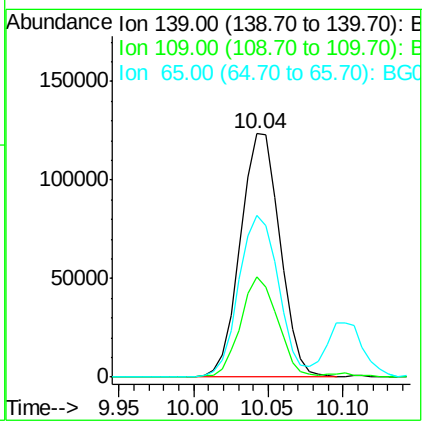


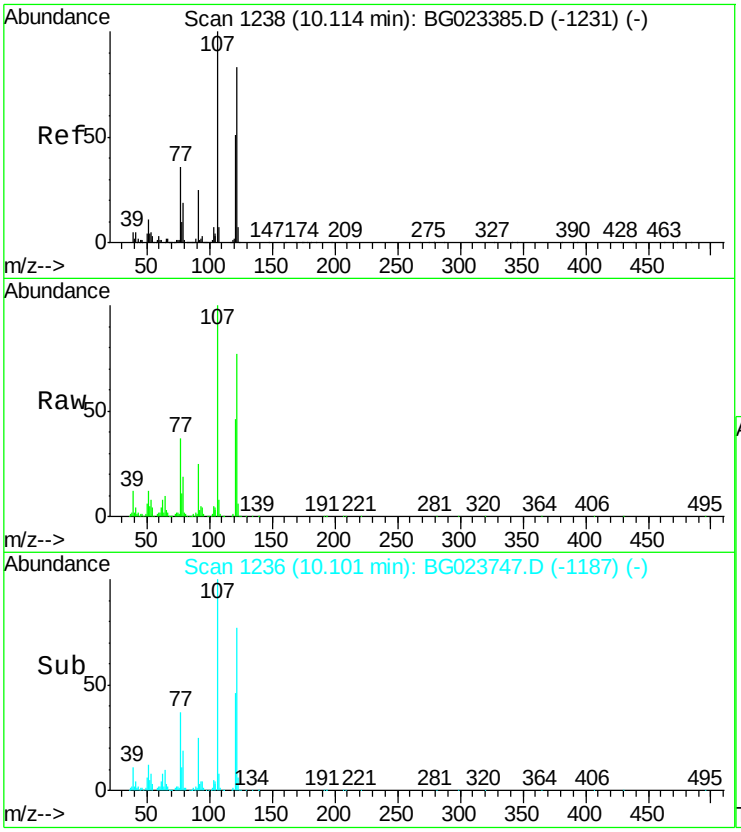


#26
2-Nitrophenol
Concen: 43.56 ng
RT: 10.04 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Tgt Ion:139 Resp: 226764

Ion	Ratio	Lower	Upper
139	100		
109	41.0	43.5	65.3#
65	66.4	64.3	96.5



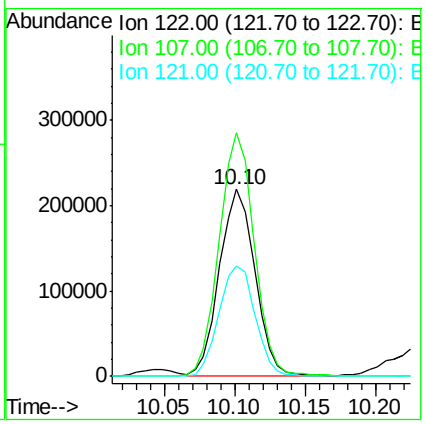


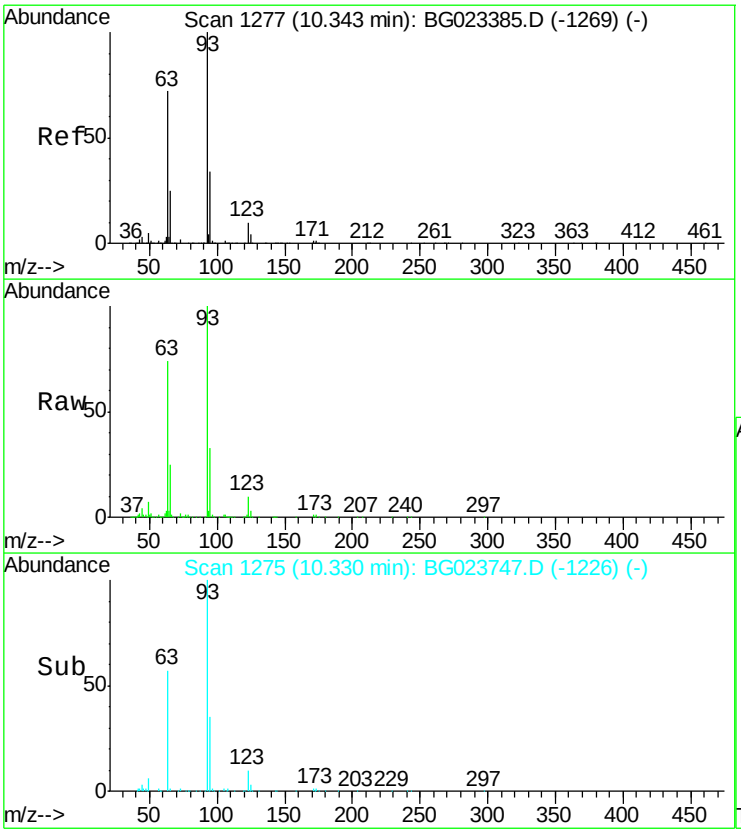
#27
2,4-Dimethylphenol
Concen: 43.10 ng
RT: 10.10 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMS

Tgt Ion:122 Resp: 382025

Ion	Ratio	Lower	Upper
122	100		
107	130.1	117.0	175.4
121	59.4	50.1	75.1

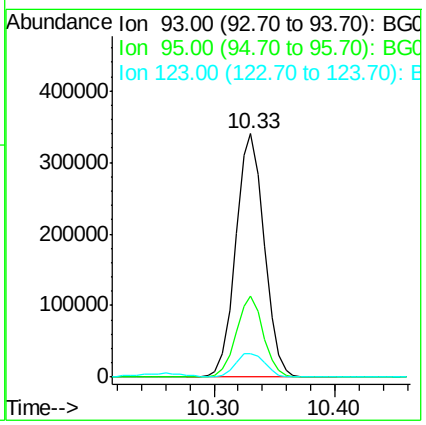


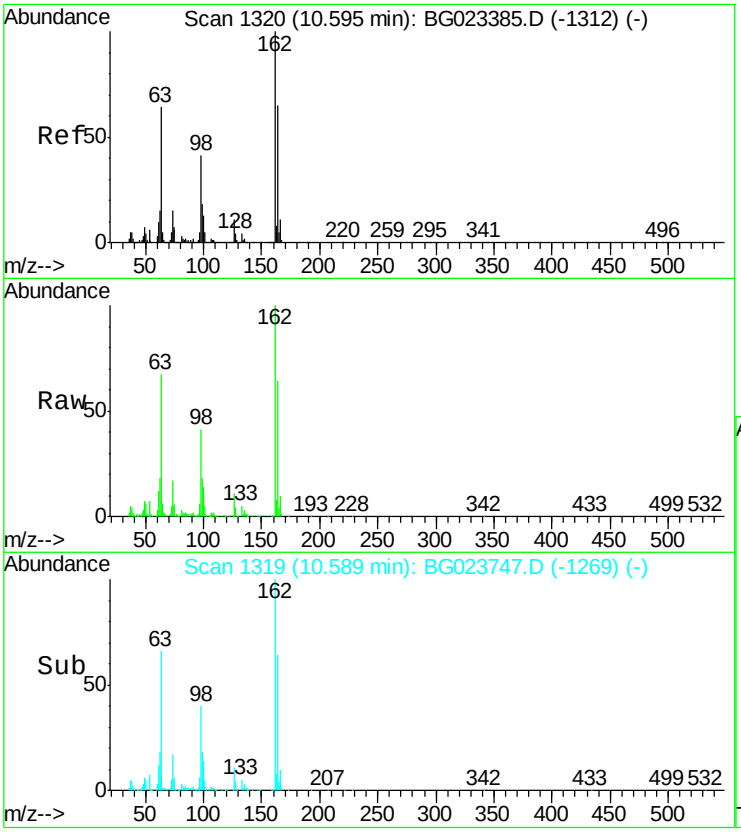


#28
bis(2-Chloroethoxy)methane
Concen: 40.06 ng
RT: 10.33 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Tgt Ion: 93 Resp: 558667

Ion	Ratio	Lower	Upper
93	100		
95	33.1	25.4	38.2
123	9.9	8.2	12.2



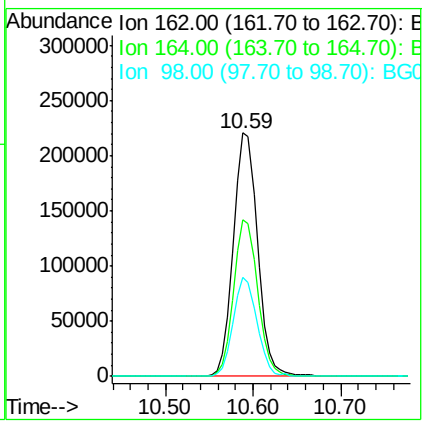


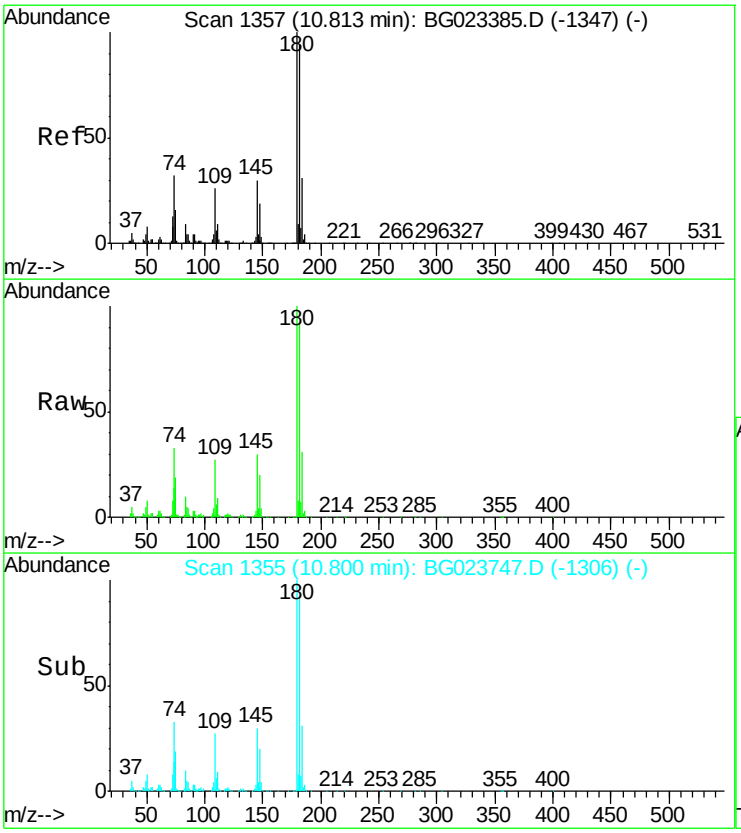
#29
2,4-Dichlorophenol
Concen: 46.18 ng
RT: 10.59 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMS

Tgt Ion:162 Resp: 411606

Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.3	84.3
98	40.7	19.5	59.5

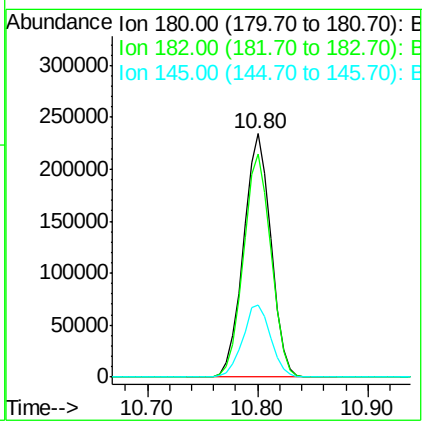


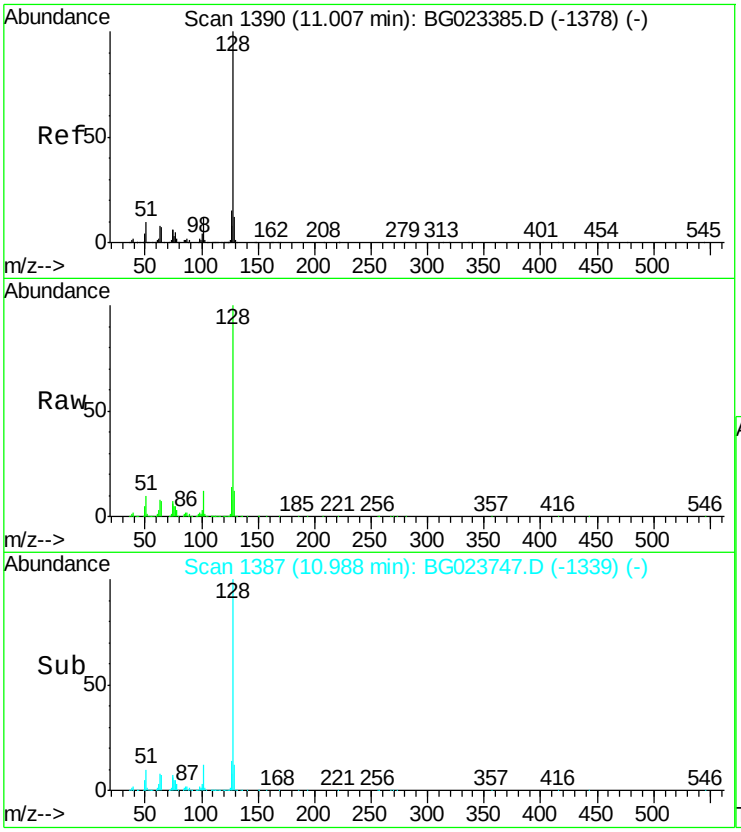


#30
1,2,4-Trichlorobenzene
Concen: 42.56 ng
RT: 10.80 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Tgt Ion:180 Resp: 409141

Ion	Ratio	Lower	Upper
180	100		
182	91.6	73.8	110.8
145	29.9	24.4	36.6



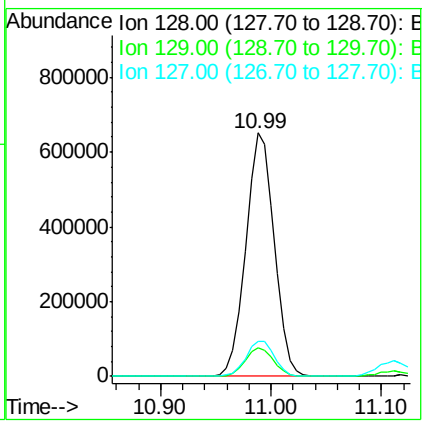


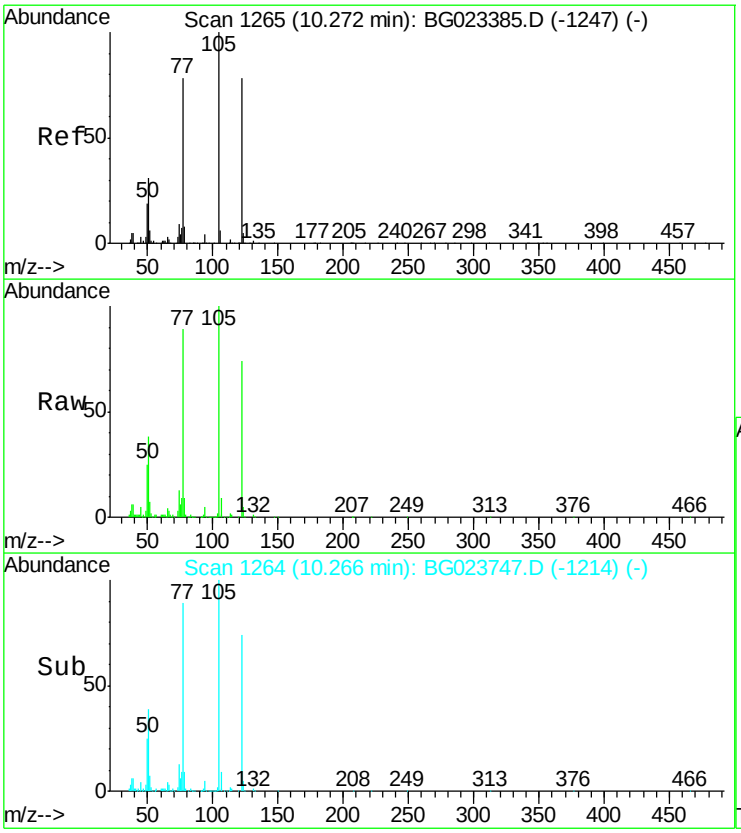
#31
Naphthalene
Concen: 41.58 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.02 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMS

Tgt Ion:128 Resp: 1172486

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.4	14.0
127	14.4	11.3	16.9

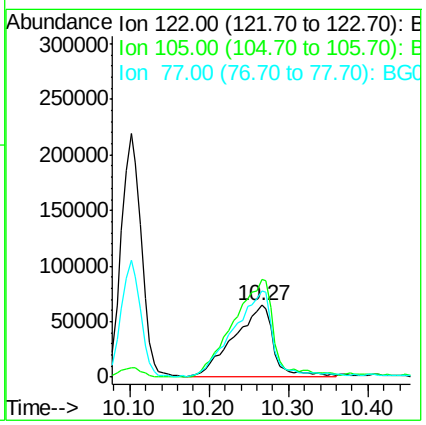


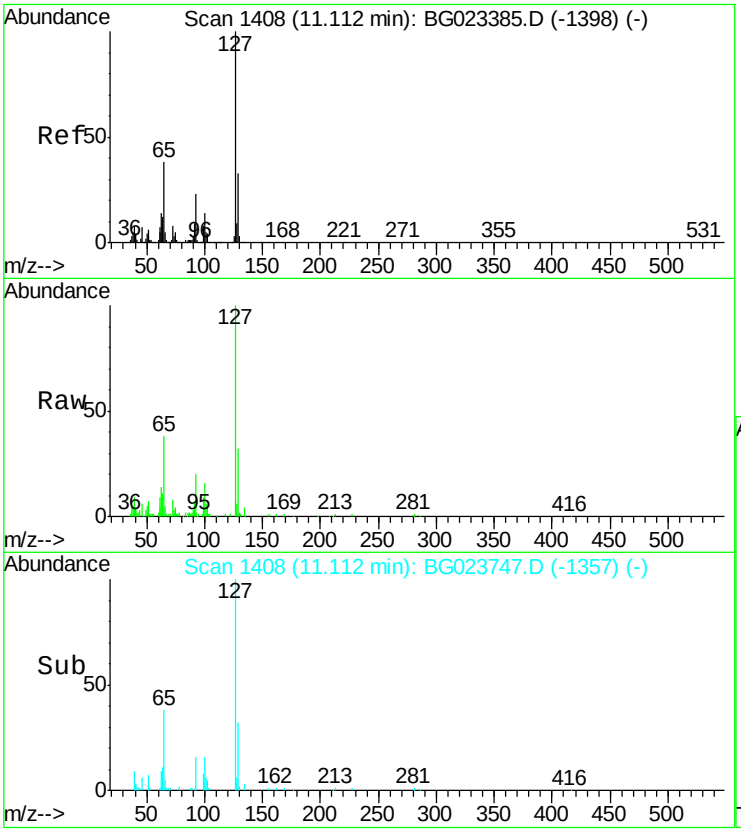


#32
Benzoic acid
Concen: 30.08 ng
RT: 10.27 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Tgt Ion:122 Resp: 222800

Ion	Ratio	Lower	Upper
122	100		
105	136.0	117.2	157.2
77	120.5	109.2	149.2



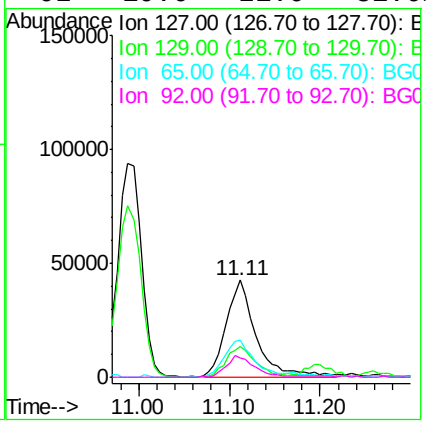


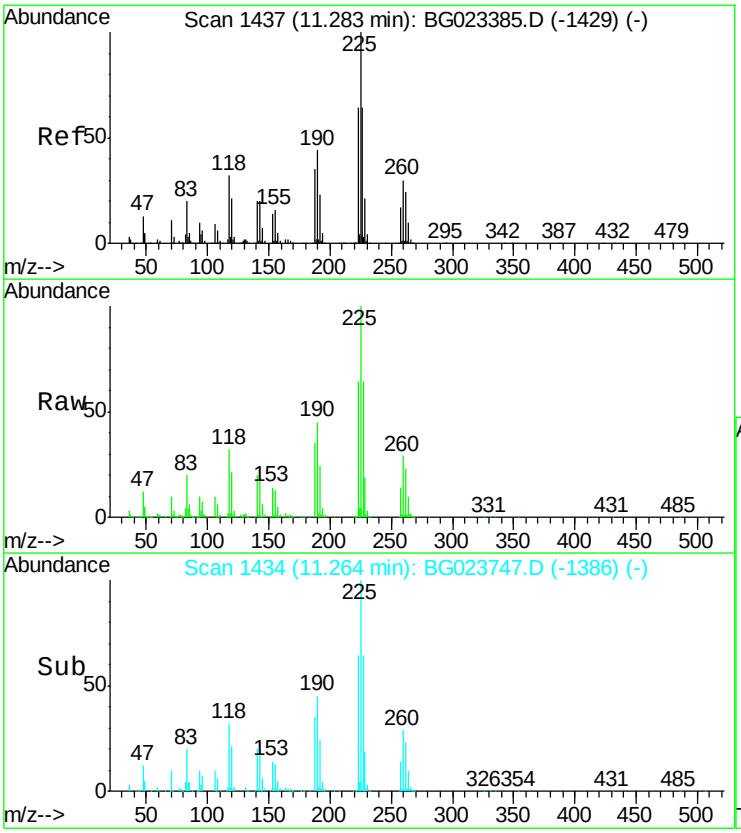
#33
4-Chloroaniline
Concen: 7.16 ng
RT: 11.11 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMS

Tgt Ion:127 Resp: 96523

Ion	Ratio	Lower	Upper
127	100		
129	32.3	27.9	41.9
65	38.0	36.8	55.2
92	19.6	21.0	31.6#

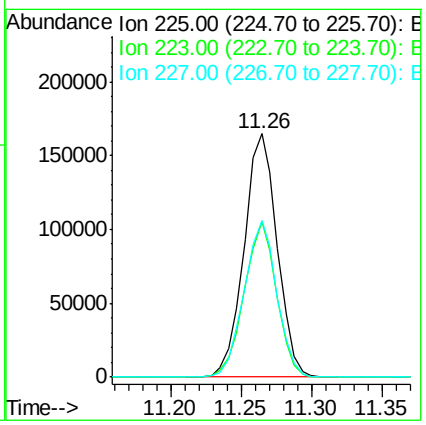


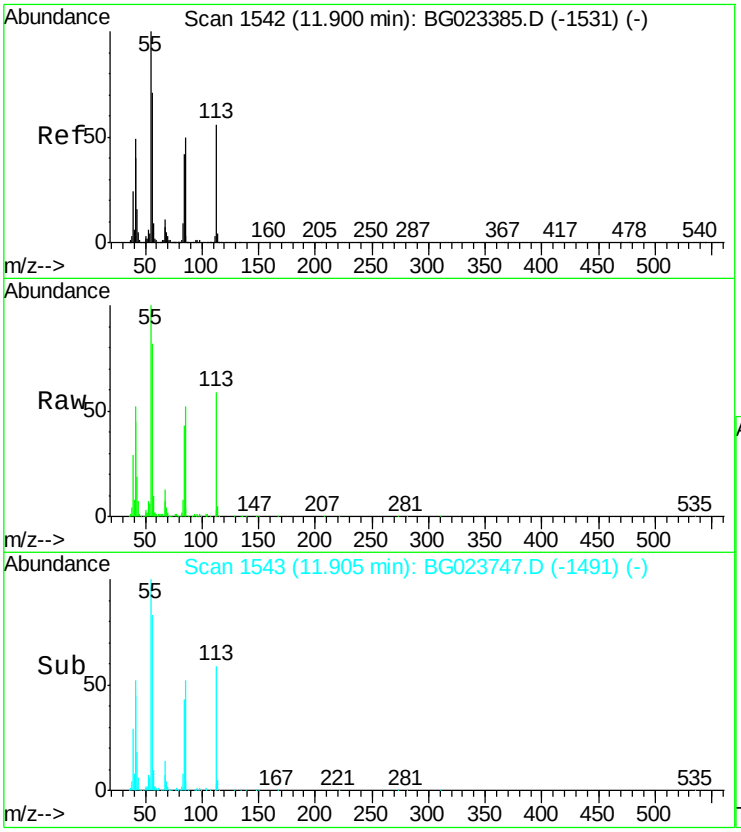


#34
Hexachlorobutadiene
Concen: 42.72 ng
RT: 11.26 min Scan# 1434
Delta R.T. -0.02 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Tgt Ion:225 Resp: 270031

Ion	Ratio	Lower	Upper
225	100		
223	63.8	49.6	74.4
227	64.5	54.5	81.7



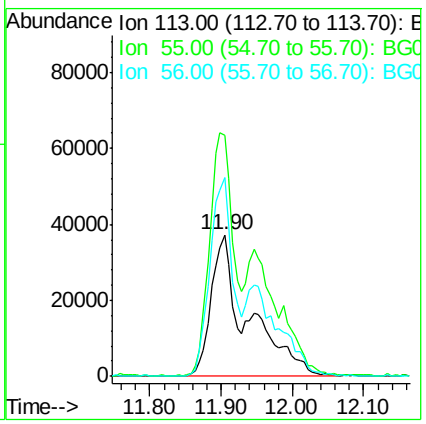


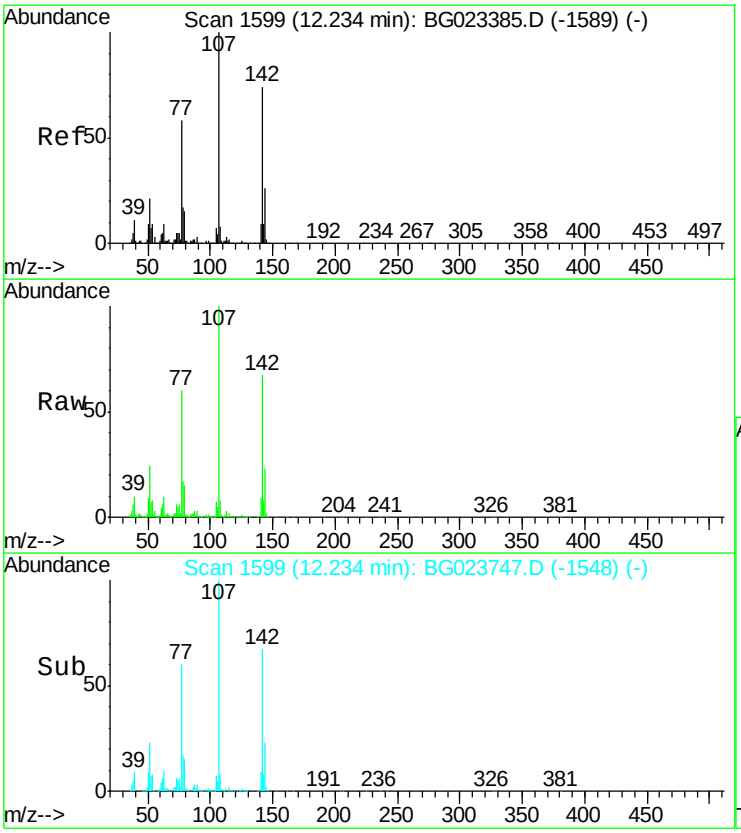
#35
Caprolactam
Concen: 35.41 ng m
RT: 11.90 min Scan# 1543
Delta R.T. 0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMS

Tgt Ion:113 Resp: 132797

Ion	Ratio	Lower	Upper
113	100		
55	170.2	154.5	194.5
56	140.2	125.1	165.1

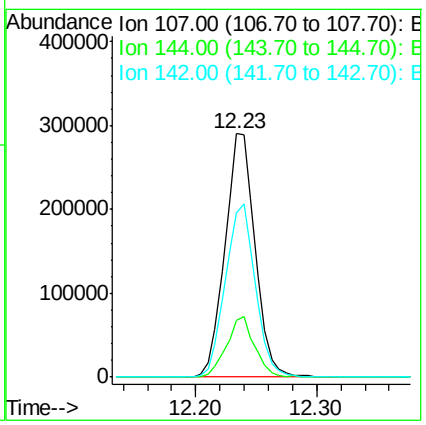


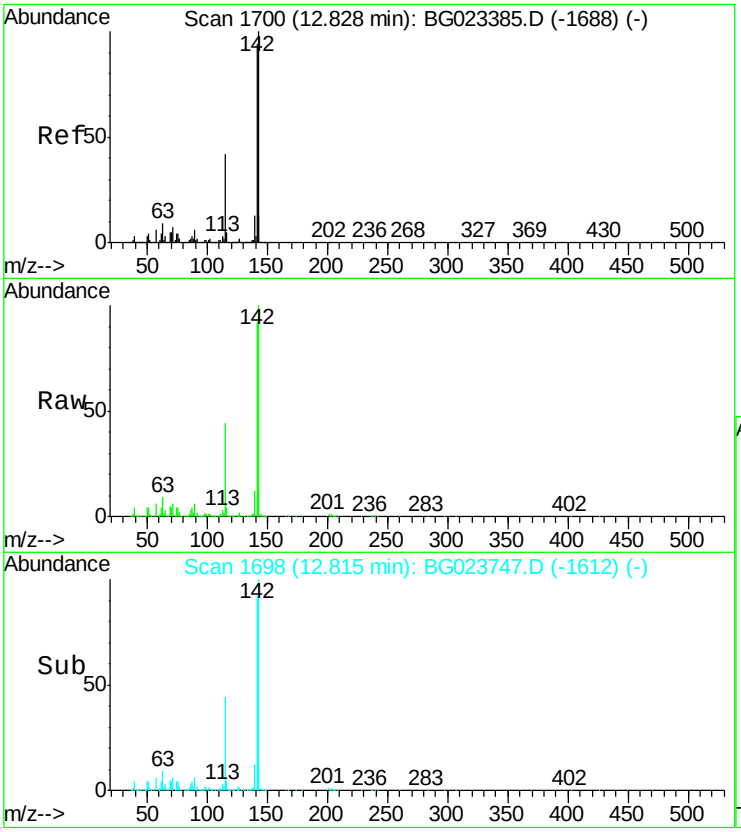


#36
4-Chloro-3-methylphenol
Concen: 42.98 ng
RT: 12.23 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Tgt Ion:107 Resp: 503270

Ion	Ratio	Lower	Upper
107	100		
144	23.3	17.0	25.6
142	67.2	53.0	79.6



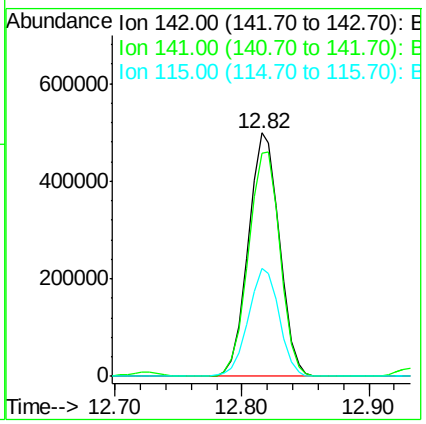


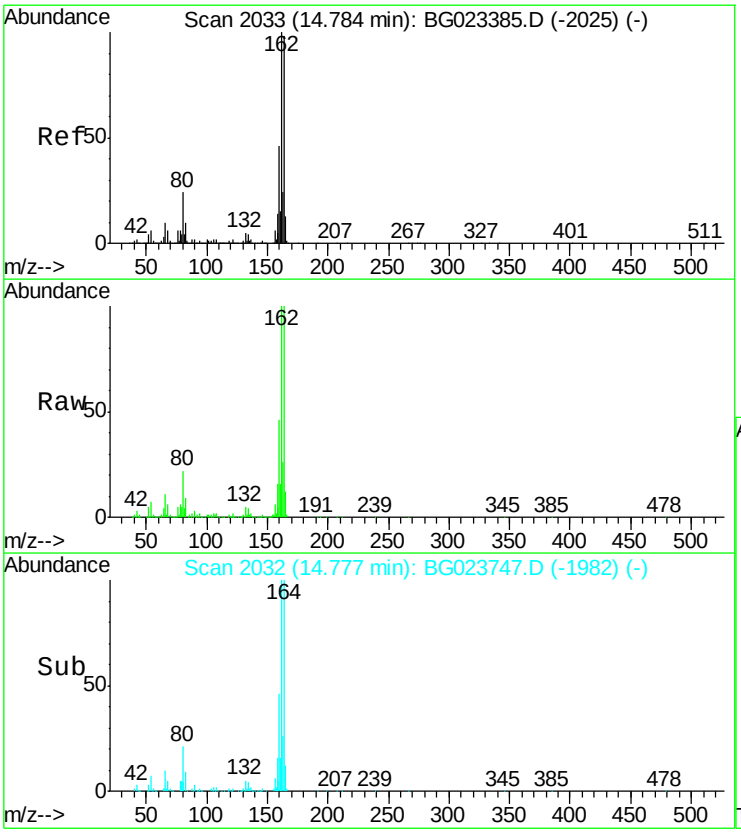
#37
2-Methylnaphthalene
Concen: 39.79 ng
RT: 12.82 min Scan# 1698
Delta R.T. 0.20 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMS

Tgt Ion:142 Resp: 852950

Ion	Ratio	Lower	Upper
142	100		
141	91.5	70.2	105.2
115	44.4	41.7	62.5

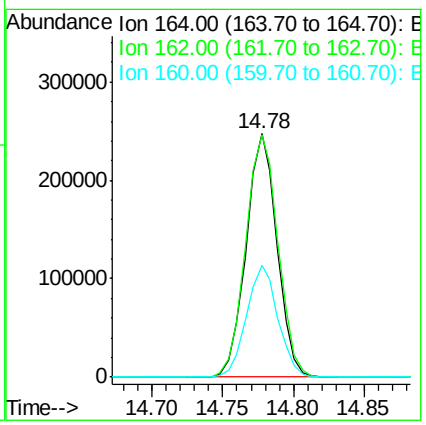


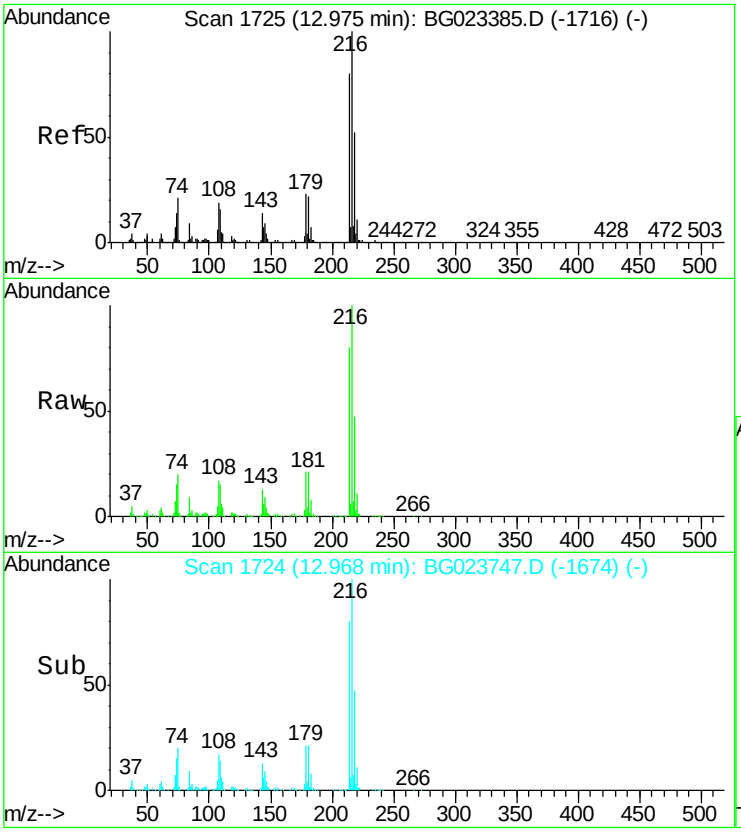


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Tgt Ion:164 Resp: 378579

Ion	Ratio	Lower	Upper
164	100		
162	99.8	87.7	131.5
160	46.1	37.2	55.8



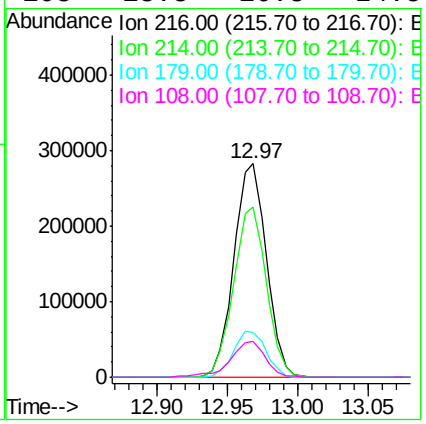


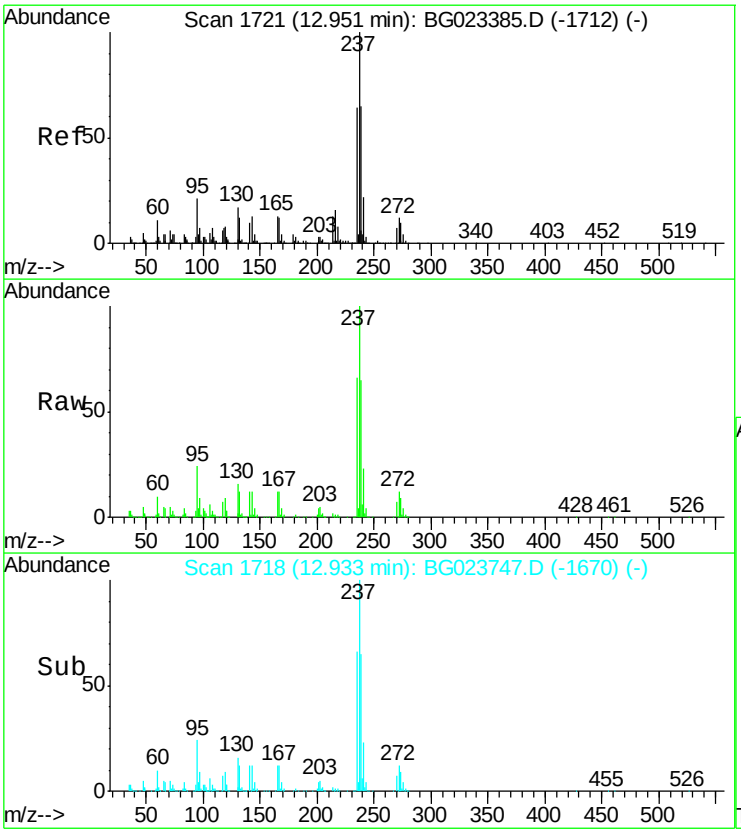
#39
1,2,4,5-Tetrachlorobenzene
Concen: 33.09 ng
RT: 12.97 min Scan# 1724
Delta R.T. -0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMS

Tgt Ion:216 Resp: 454249

Ion	Ratio	Lower	Upper
216	100		
214	80.6	62.9	94.3
179	21.9	17.2	25.8
108	18.3	16.3	24.5

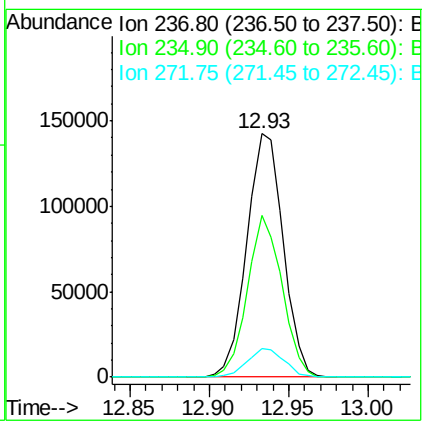


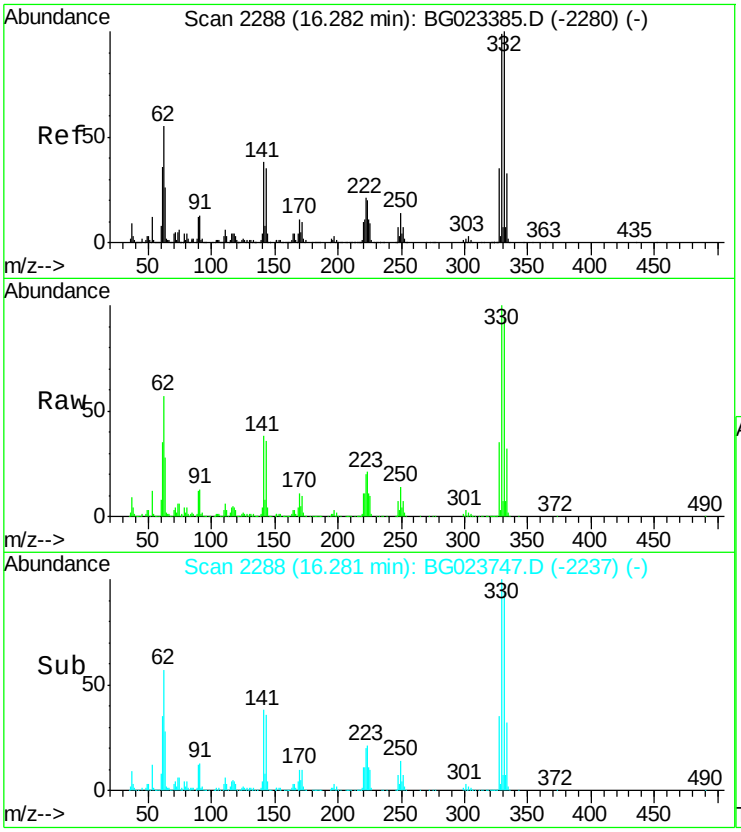


#40
Hexachlorocyclopentadiene
Concen: 32.84 ng
RT: 12.93 min Scan# 1718
Delta R.T. -0.02 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Tgt Ion:237 Resp: 227339

Ion	Ratio	Lower	Upper
237	100		
235	66.5	43.1	83.1
272	11.7	0.0	30.9



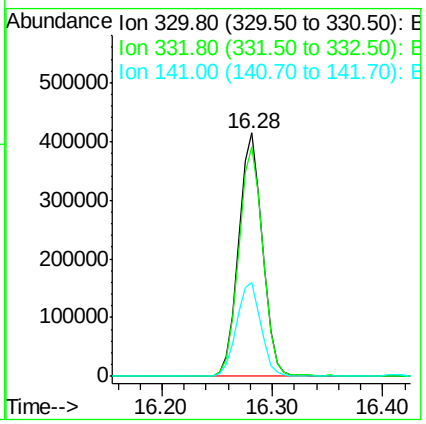


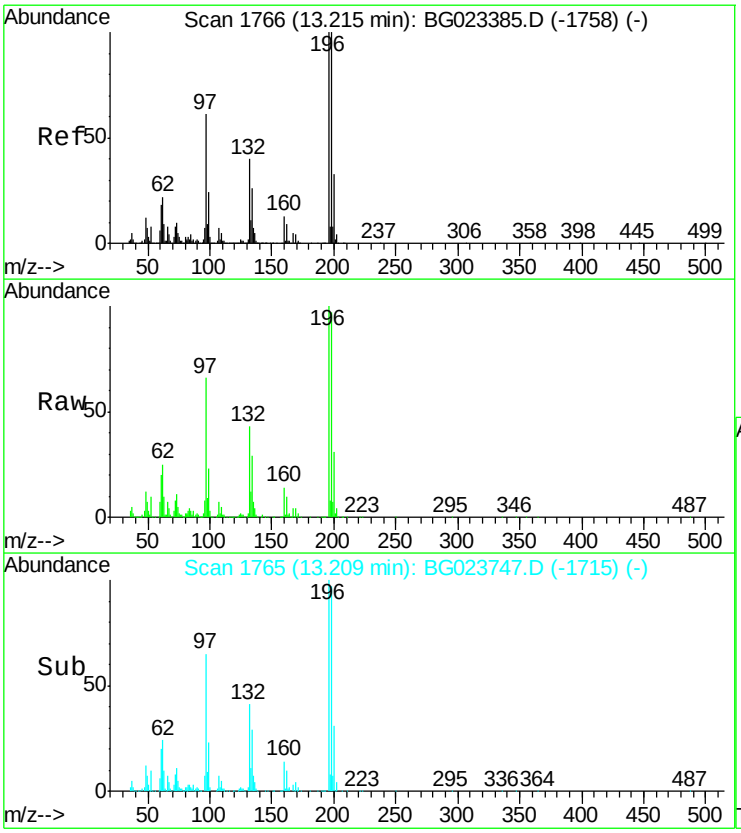
#41
2,4,6-Tribromophenol
Concen: 113.51 ng
RT: 16.28 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMS

Tgt Ion:330 Resp: 628536

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.4	116.2
141	39.3	31.7	47.5

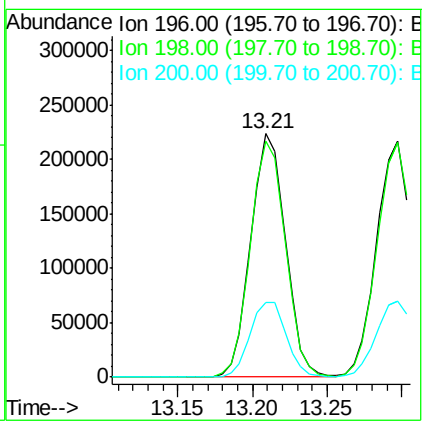


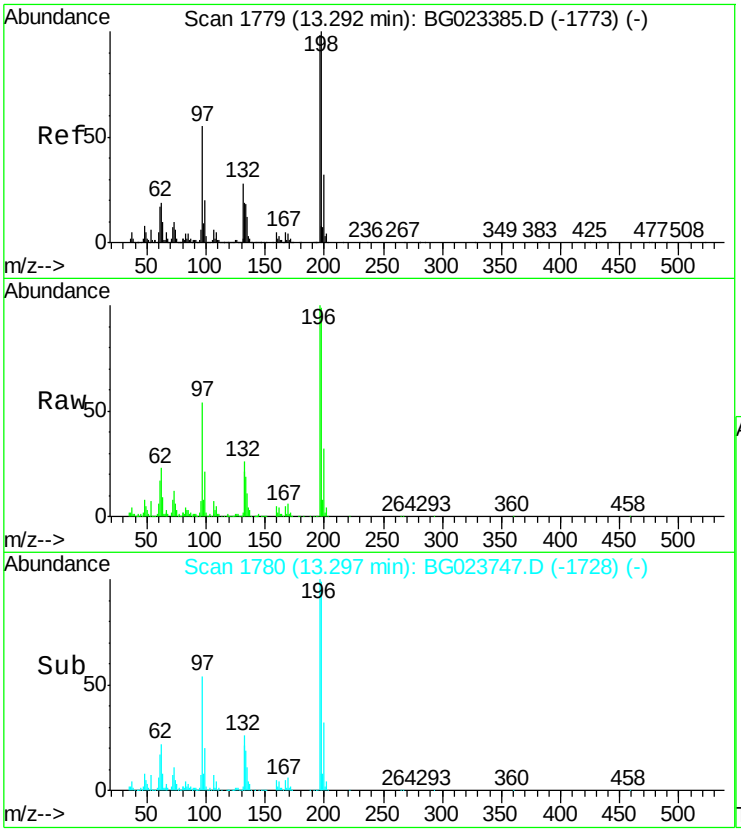


#42
2,4,6-Trichlorophenol
Concen: 43.94 ng
RT: 13.21 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Tgt Ion:196 Resp: 359342

Ion	Ratio	Lower	Upper
196	100		
198	97.1	78.2	117.2
200	30.7	27.0	40.4



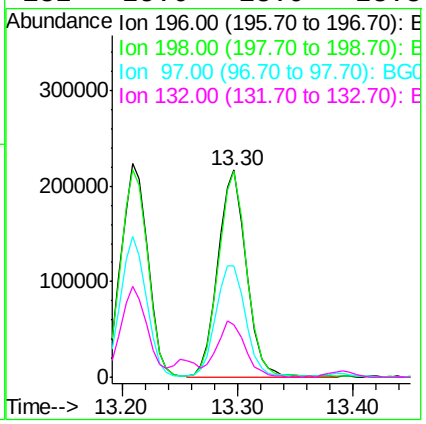


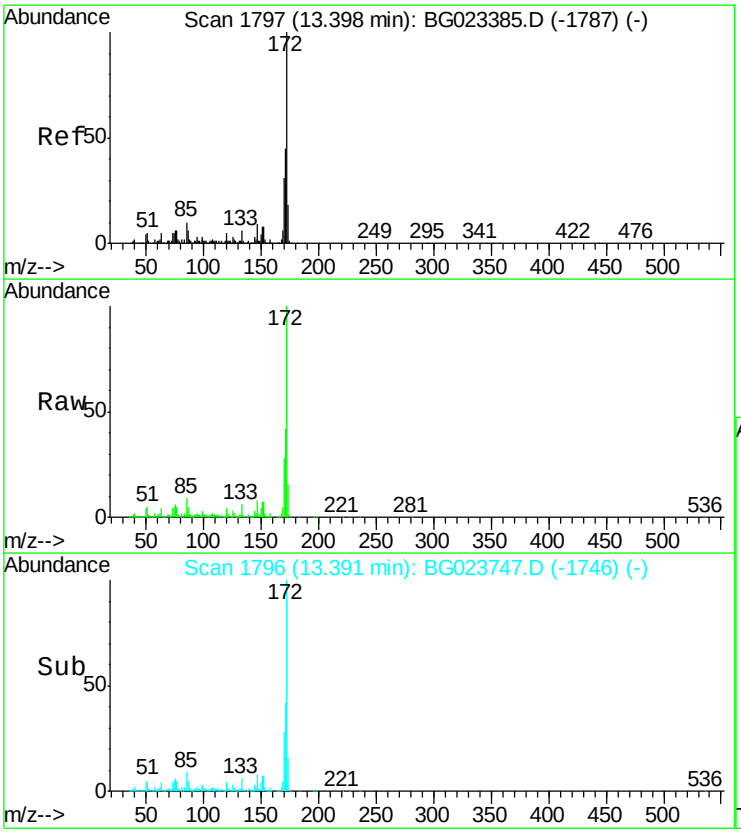
#43
2,4,5-Trichlorophenol
Concen: 43.70 ng
RT: 13.30 min Scan# 1780
Delta R.T. 0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMS

Tgt Ion:196 Resp: 367891

Ion	Ratio	Lower	Upper
196	100		
198	99.4	85.7	128.5
97	54.0	45.5	68.3
132	25.6	18.9	28.3

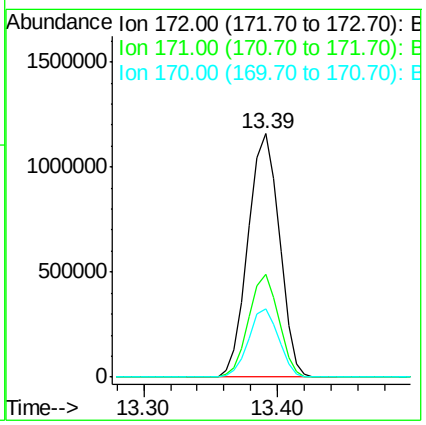


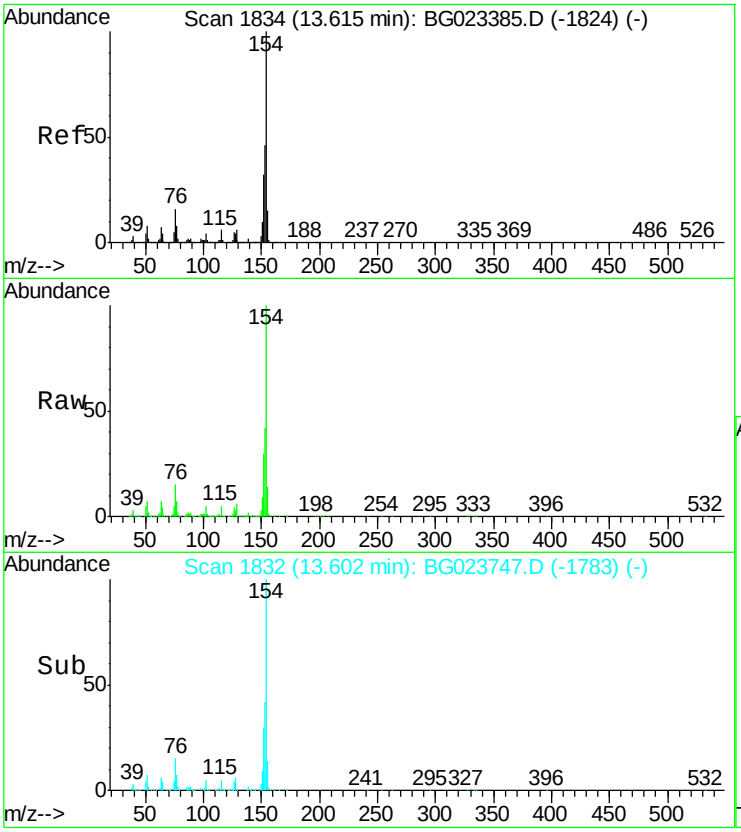


#44
2-Fluorobiphenyl
Concen: 83.64 ng
RT: 13.39 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Tgt Ion:172 Resp: 1877398

Ion	Ratio	Lower	Upper
172	100		
171	42.4	31.6	47.4
170	27.9	21.3	31.9



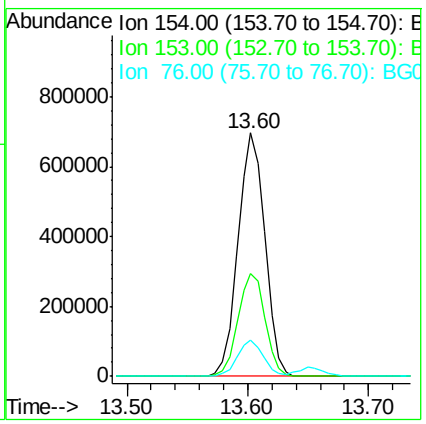


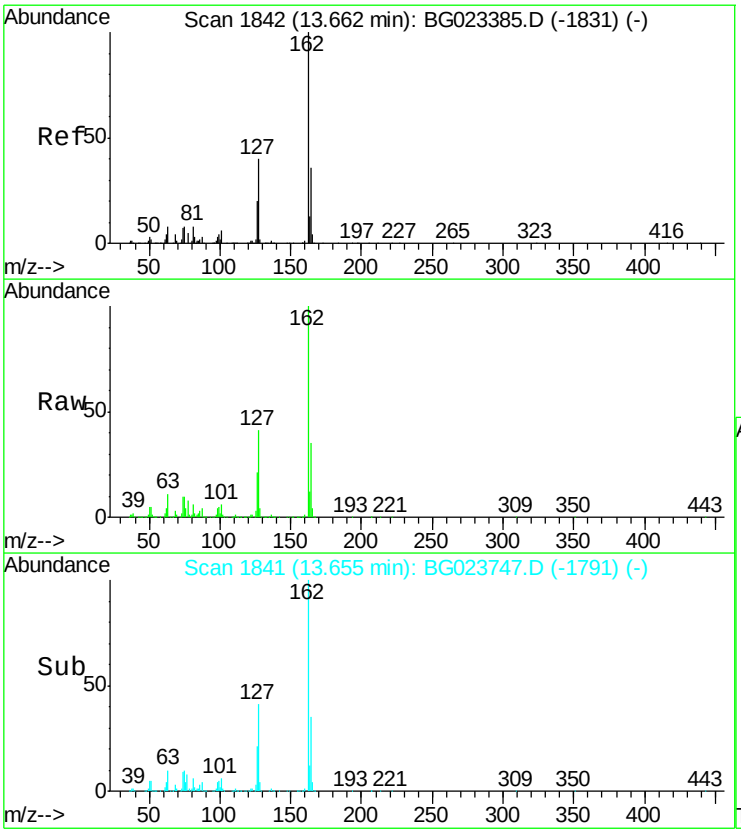
#45
1,1'-Biphenyl
Concen: 37.31 ng
RT: 13.60 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMS

Tgt Ion:154 Resp: 1079705

Ion	Ratio	Lower	Upper
154	100		
153	42.2	20.2	60.2
76	15.1	0.0	32.9

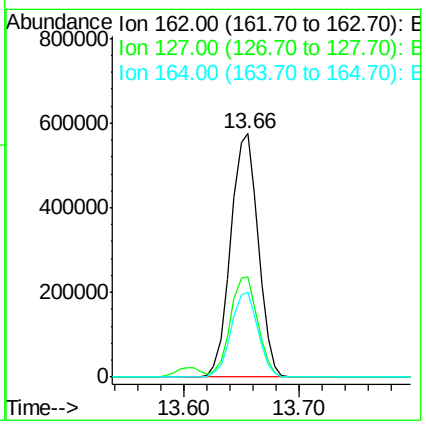


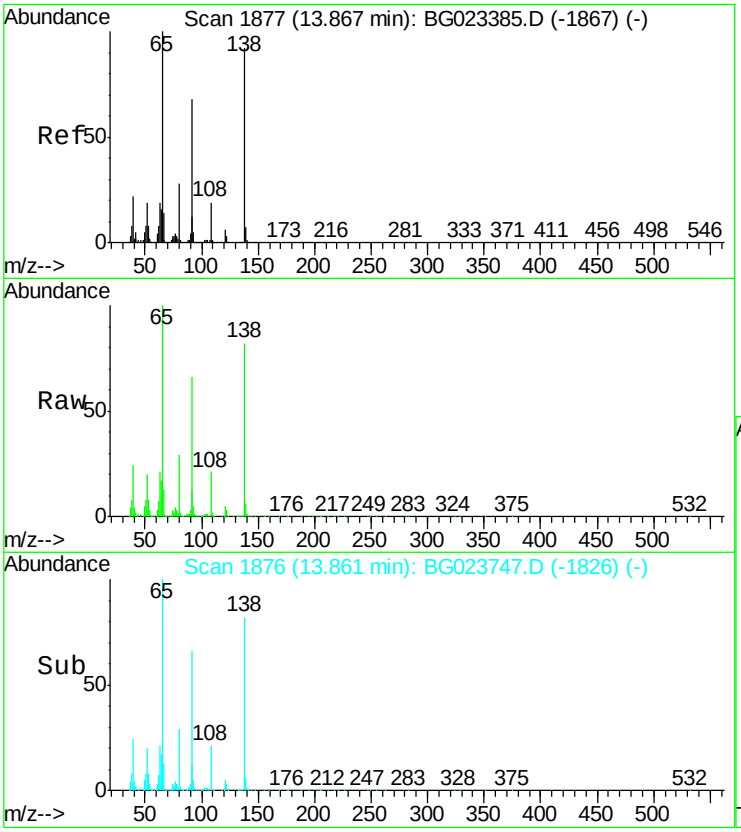


#46
2-Chloronaphthalene
Concen: 42.24 ng
RT: 13.66 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Tgt Ion:162 Resp: 945708

Ion	Ratio	Lower	Upper
162	100		
127	41.2	32.4	48.6
164	34.8	25.2	37.8



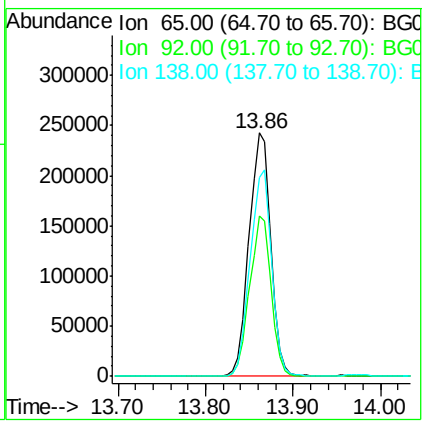


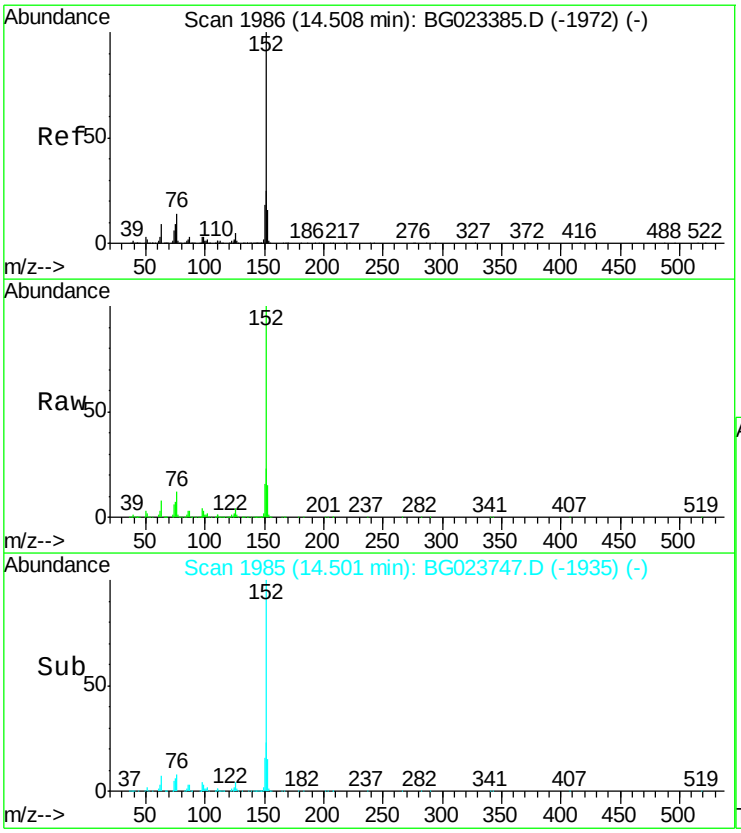
#47
2-Nitroaniline
Concen: 43.87 ng
RT: 13.86 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMS

Tgt Ion: 65 Resp: 407834

Ion	Ratio	Lower	Upper
65	100		
92	65.7	49.4	74.0
138	81.8	58.0	87.0

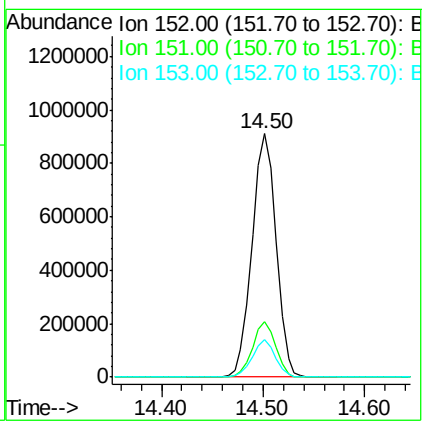


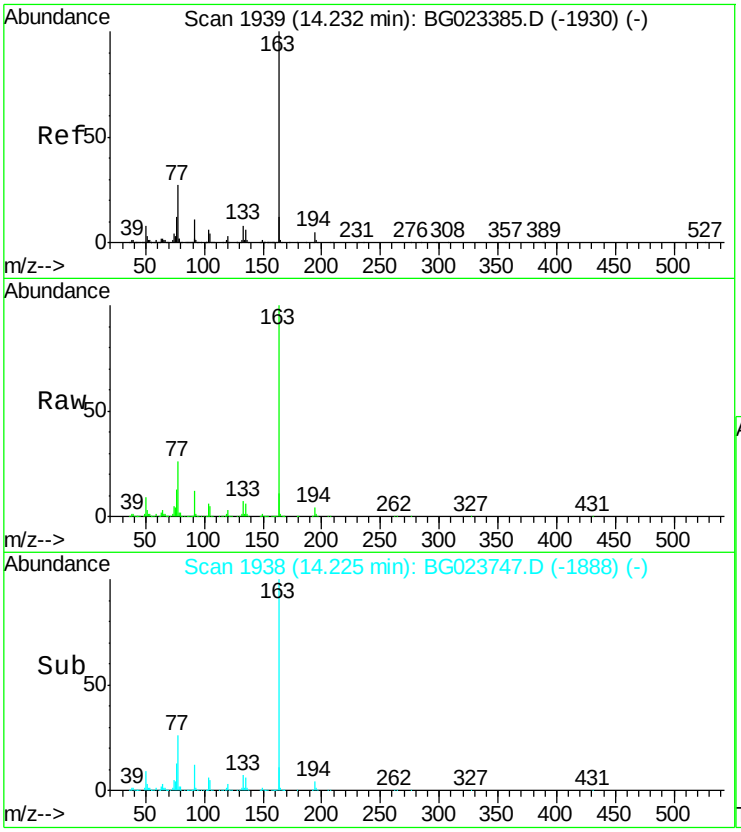


#48
Acenaphthylene
Concen: 42.48 ng
RT: 14.50 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Tgt Ion:152 Resp: 1503508

Ion	Ratio	Lower	Upper
152	100		
151	22.5	17.6	26.4
153	15.2	11.4	17.2



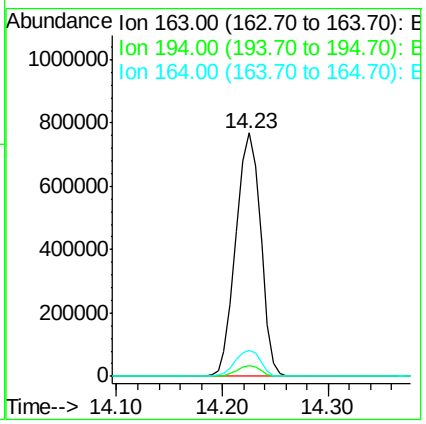


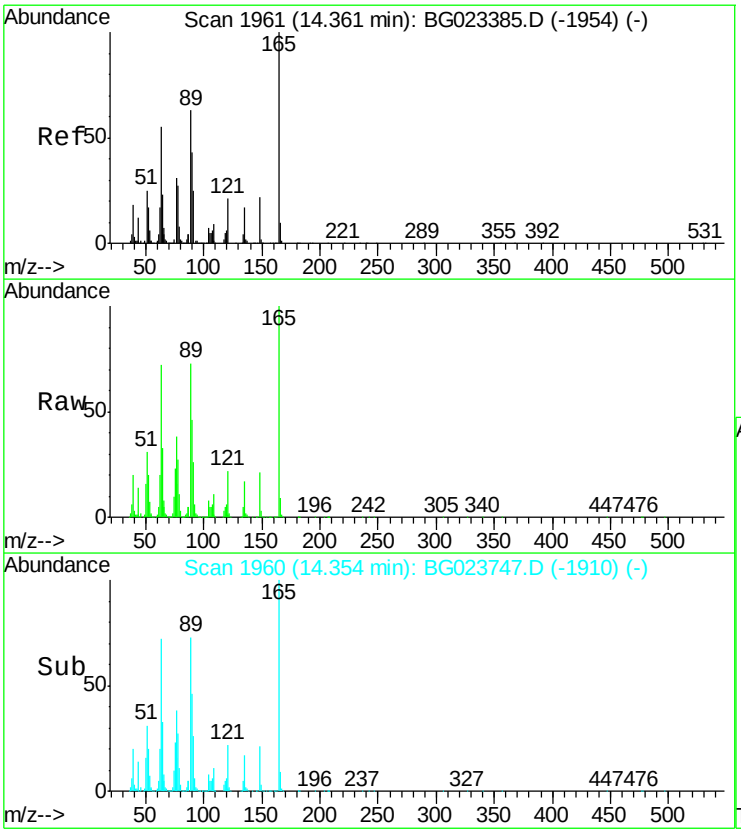
#49
Dimethylphthalate
Concen: 43.01 ng
RT: 14.23 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMS

Tgt Ion:163 Resp: 1249141

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.6	5.4
164	10.9	8.1	12.1

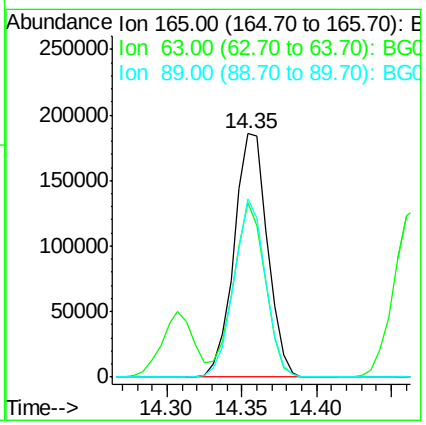


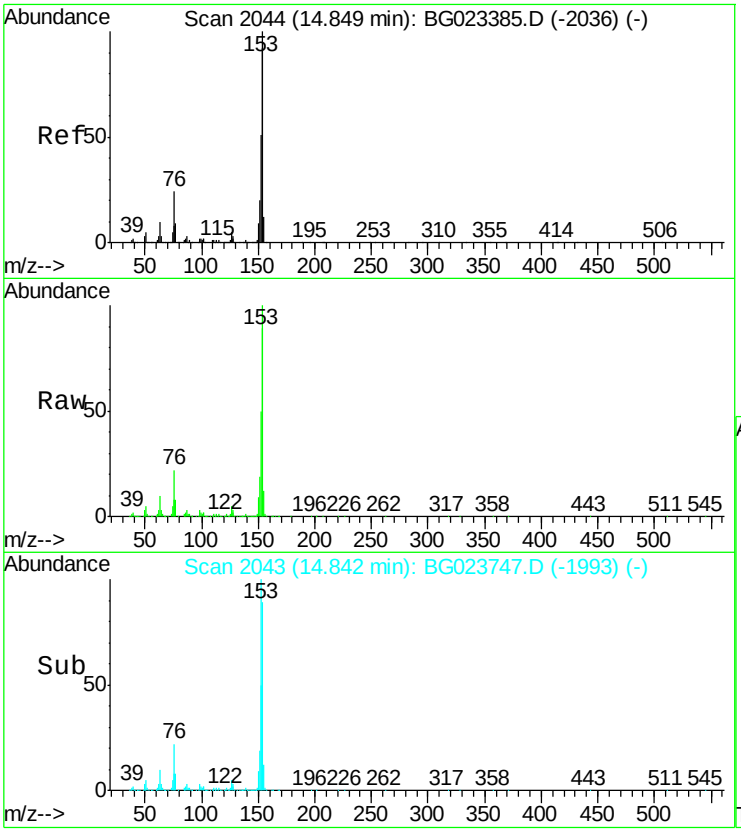


#50
2,6-Dinitrotoluene
Concen: 41.95 ng
RT: 14.35 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Tgt Ion:165 Resp: 288555

Ion	Ratio	Lower	Upper
165	100		
63	71.8	64.3	96.5
89	73.3	64.3	96.5



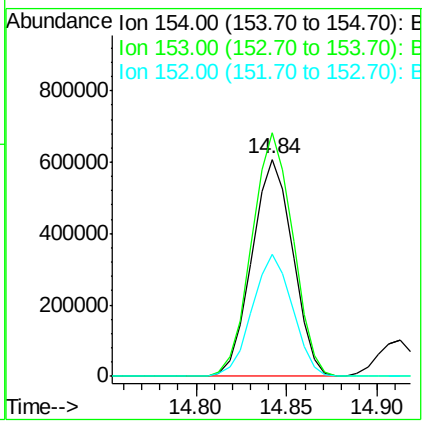


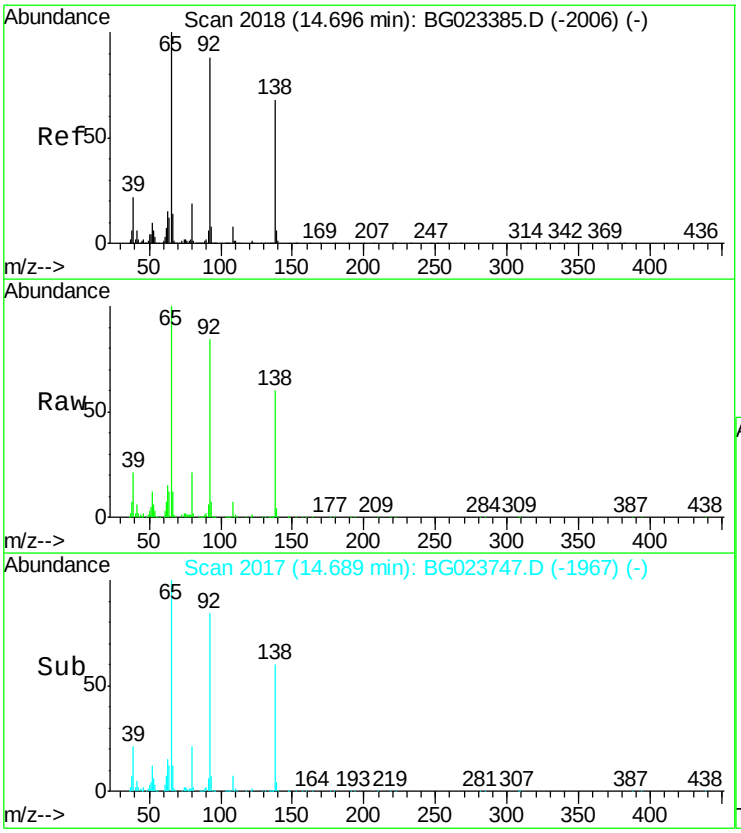
#51
Acenaphthene
Concen: 42.42 ng
RT: 14.84 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMS

Tgt Ion:154 Resp: 951082

Ion	Ratio	Lower	Upper
154	100		
153	112.3	87.5	131.3
152	56.6	42.7	64.1

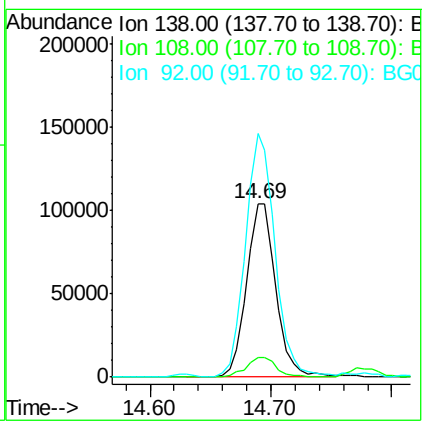


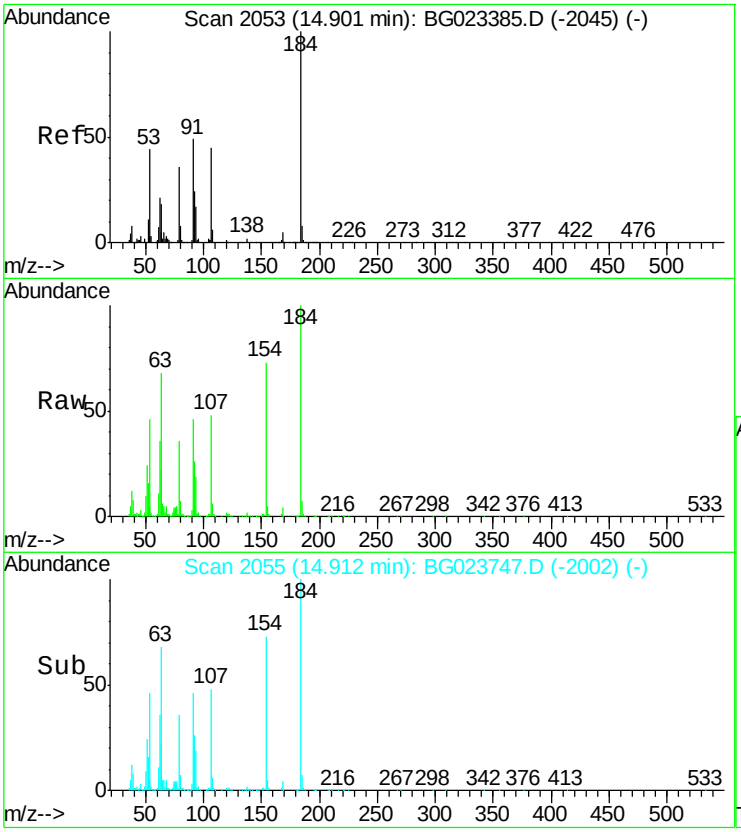


#52
3-Nitroaniline
Concen: 22.60 ng
RT: 14.69 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Tgt Ion:138 Resp: 175258

Ion	Ratio	Lower	Upper
138	100		
108	11.4	11.7	17.5#
92	140.1	129.7	194.5



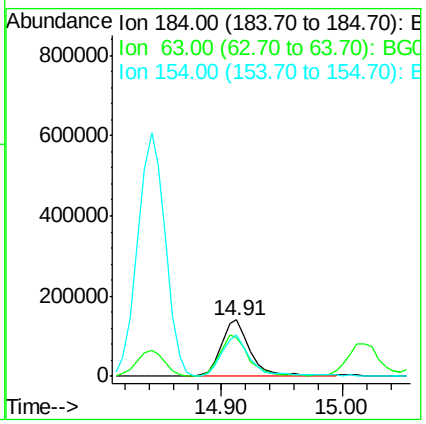


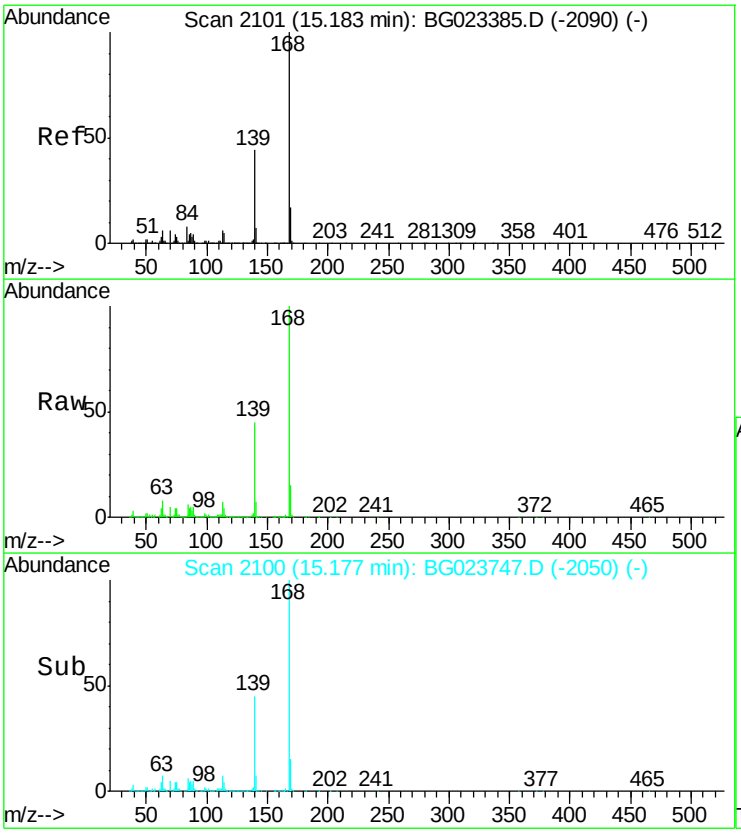
#53
2,4-Dinitrophenol
Concen: 53.61 ng
RT: 14.91 min Scan# 2055
Delta R.T. 0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMS

Tgt Ion:184 Resp: 236366

Ion	Ratio	Lower	Upper
184	100		
63	68.4	59.6	89.4
154	72.9	67.4	101.0

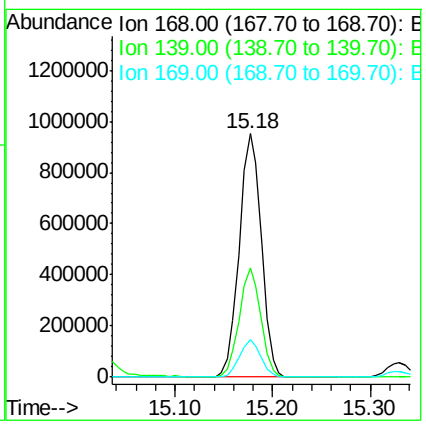


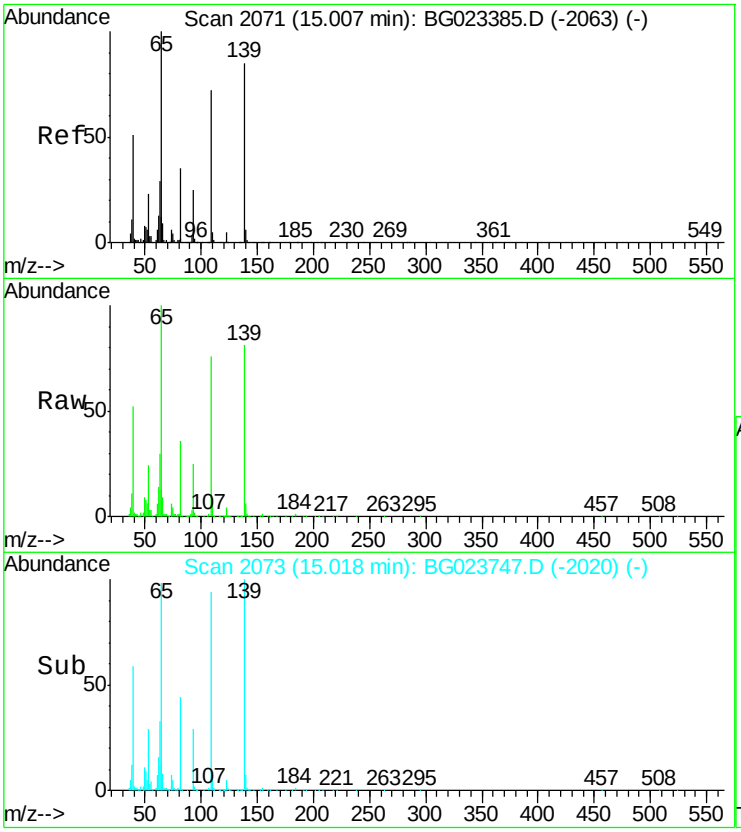


#54
Dibenzofuran
Concen: 45.77 ng
RT: 15.18 min Scan# 2100
Delta R.T. -0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Tgt Ion:168 Resp: 1489947

Ion	Ratio	Lower	Upper
168	100		
139	44.9	36.4	54.6
169	15.3	11.9	17.9



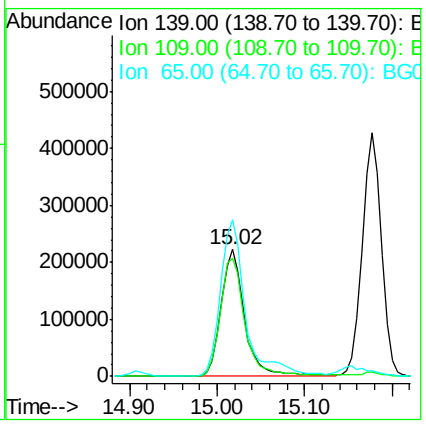


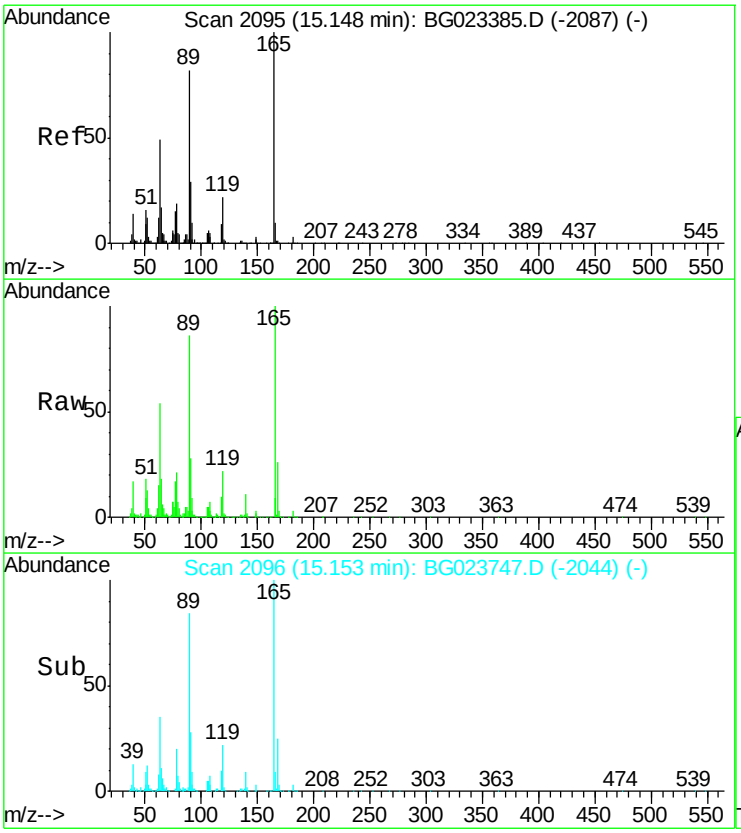
#55
4-Nitrophenol
Concen: 68.16 ng
RT: 15.02 min Scan# 2073
Delta R.T. 0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMS

Tgt Ion:139 Resp: 415242

Ion	Ratio	Lower	Upper
139	100		
109	93.1	103.0	143.0#
65	123.2	112.7	152.7

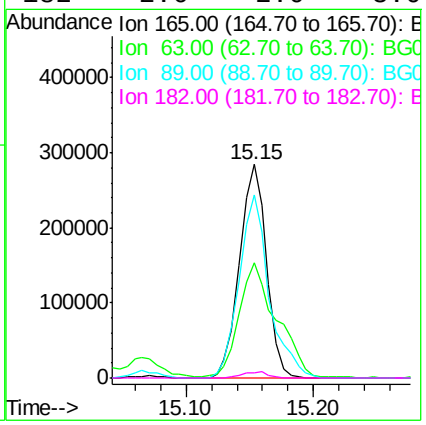


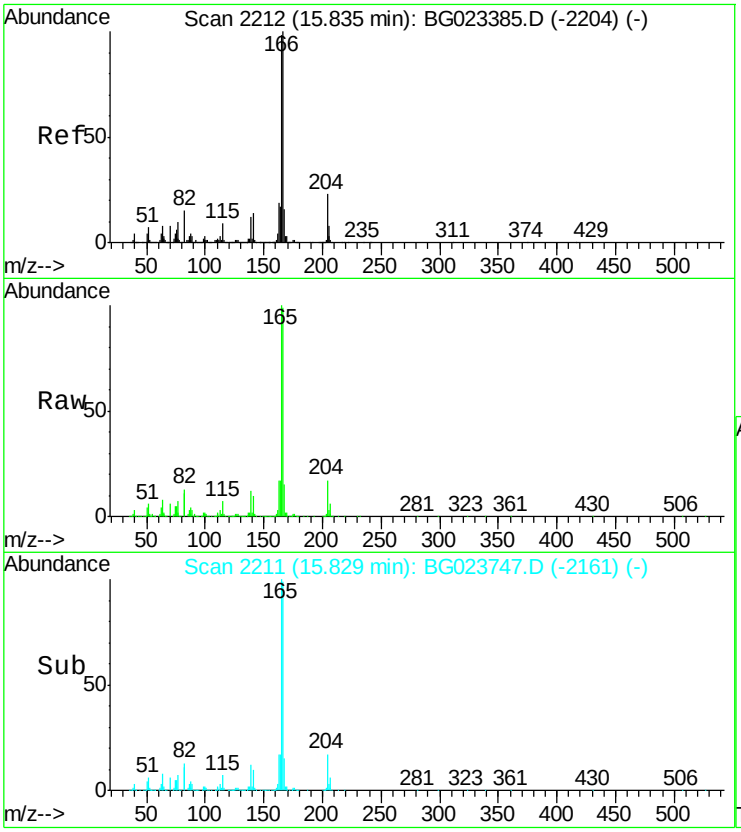


#56
2,4-Dinitrotoluene
Concen: 43.48 ng
RT: 15.15 min Scan# 2096
Delta R.T. 0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Tgt Ion:165 Resp: 419771

Ion	Ratio	Lower	Upper
165	100		
63	53.9	45.8	68.6
89	85.9	68.6	102.8
182	2.6	2.0	3.0



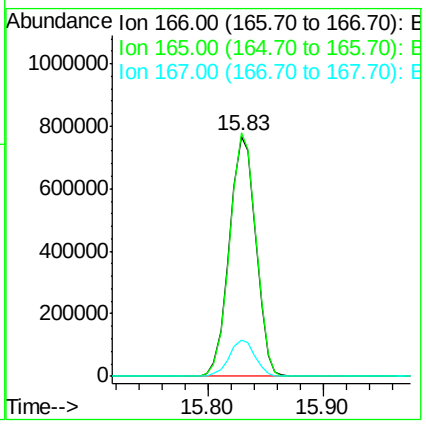


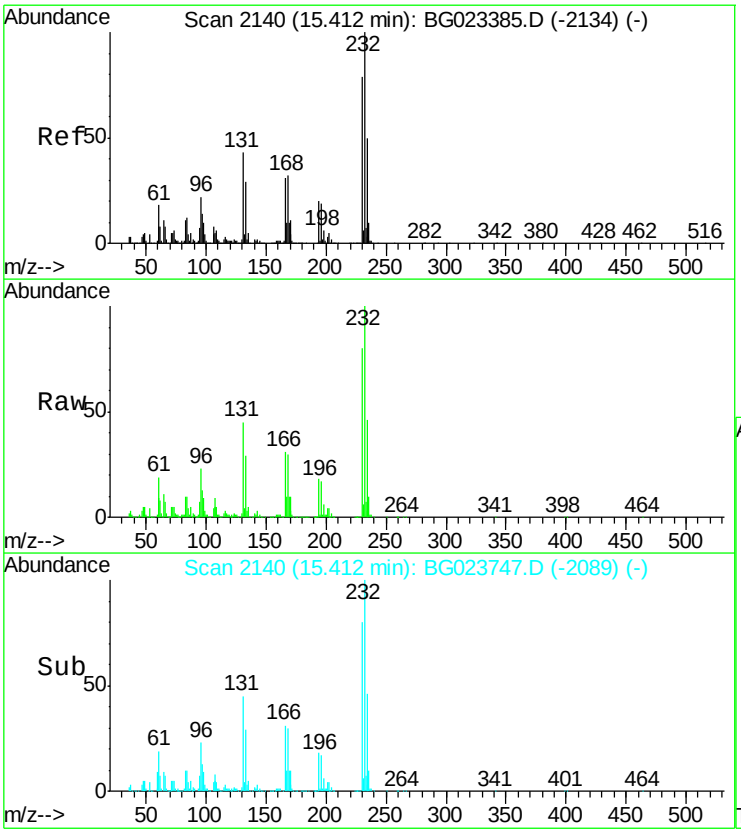
#57
Fluorene
Concen: 42.93 ng
RT: 15.83 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMS

Tgt Ion:166 Resp: 1219350

Ion	Ratio	Lower	Upper
166	100		
165	101.4	81.0	121.6
167	14.9	12.0	18.0

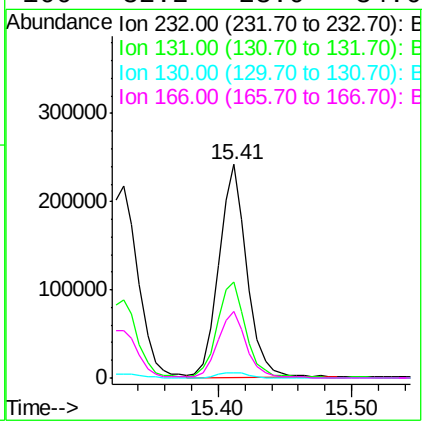


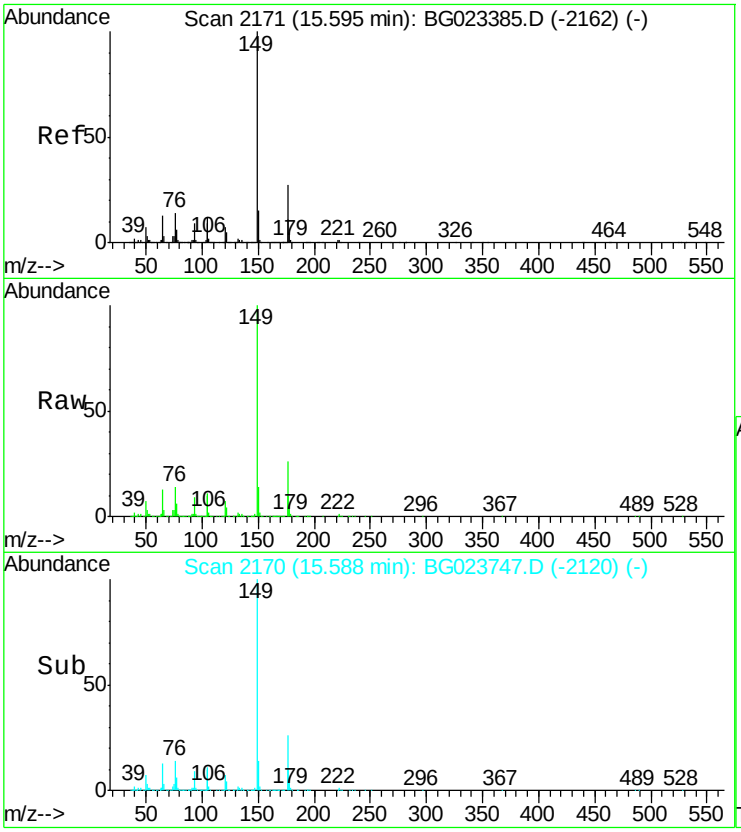


#58
2,3,4,6-Tetrachlorophenol
Concen: 45.74 ng
RT: 15.41 min Scan# 2140
Delta R.T. -0.00 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Tgt Ion:232 Resp: 353403

Ion	Ratio	Lower	Upper
232	100		
131	46.5	32.7	49.1
130	3.0	2.6	3.8
166	32.2	23.0	34.6



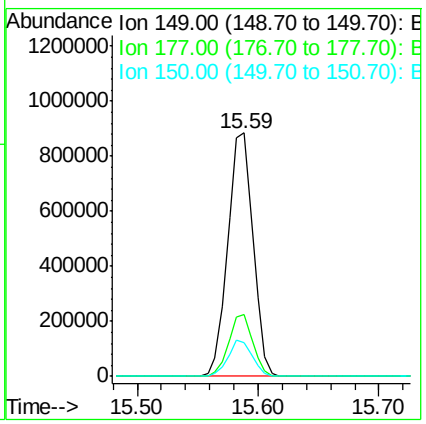


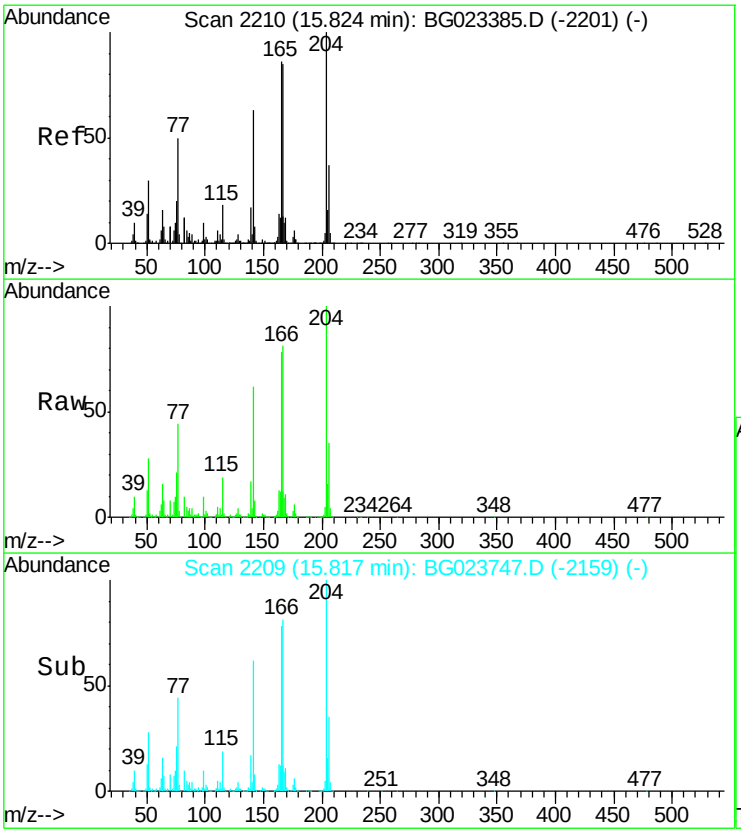
#59
Diethylphthalate
Concen: 43.69 ng
RT: 15.59 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMS

Tgt Ion:149 Resp: 1288248

Ion	Ratio	Lower	Upper
149	100		
177	25.6	19.2	28.8
150	13.8	10.6	16.0

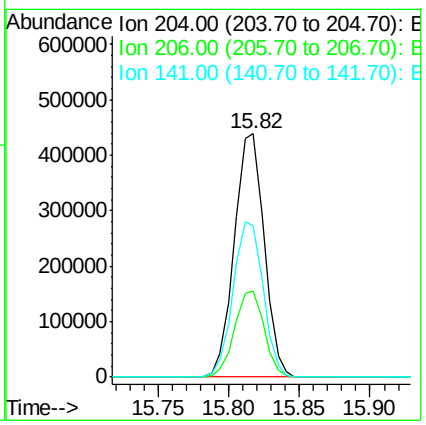


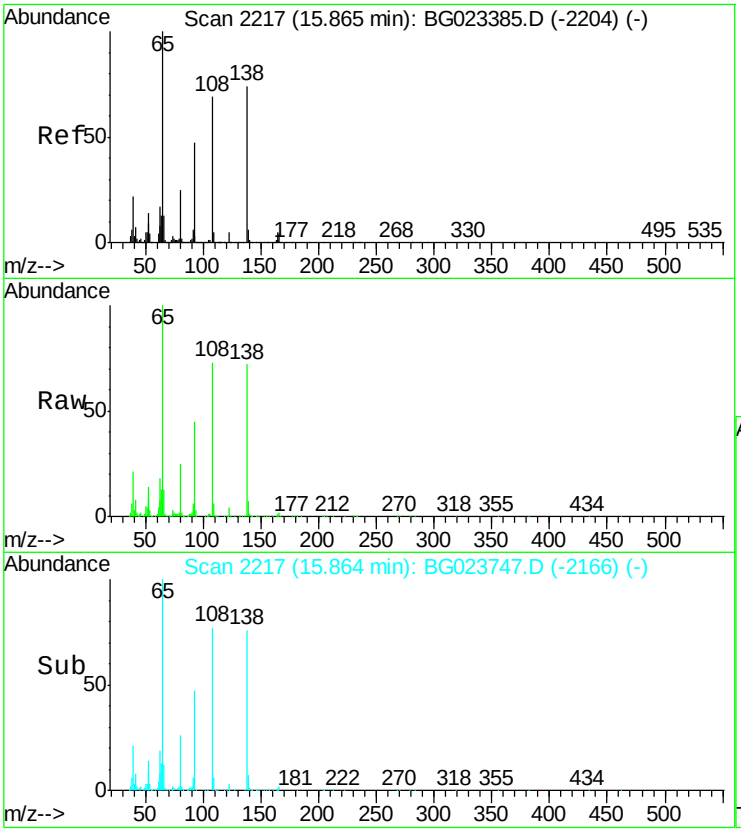


#60
4-Chlorophenyl-phenylether
Concen: 42.77 ng
RT: 15.82 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Tgt Ion:204 Resp: 642989

Ion	Ratio	Lower	Upper
204	100		
206	35.2	28.5	42.7
141	62.4	51.4	77.0



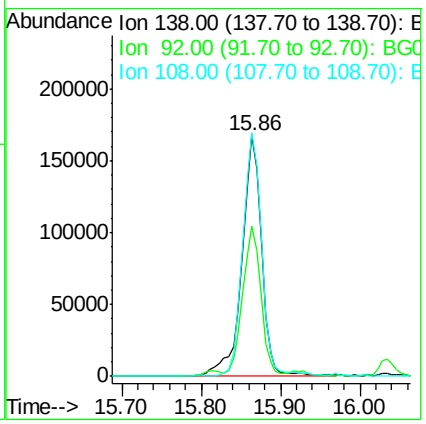


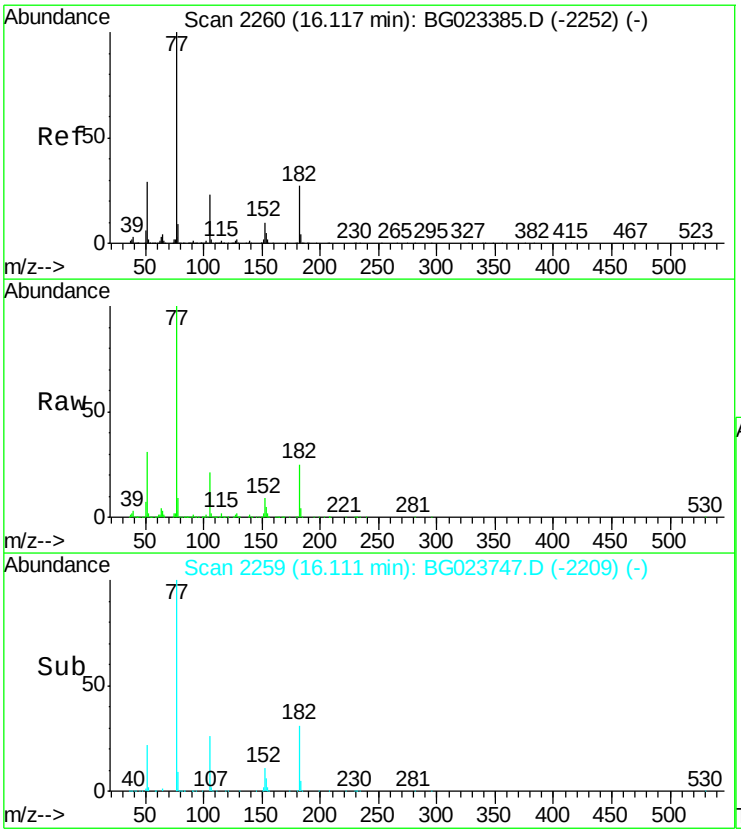
#61
4-Nitroaniline
Concen: 35.20 ng
RT: 15.86 min Scan# 2217
Delta R.T. -0.00 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMS

Tgt Ion:138 Resp: 290663

Ion	Ratio	Lower	Upper
138	100		
92	62.5	54.1	94.1
108	101.2	133.9	173.9#

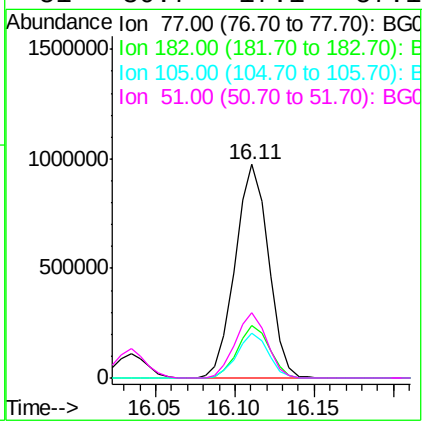


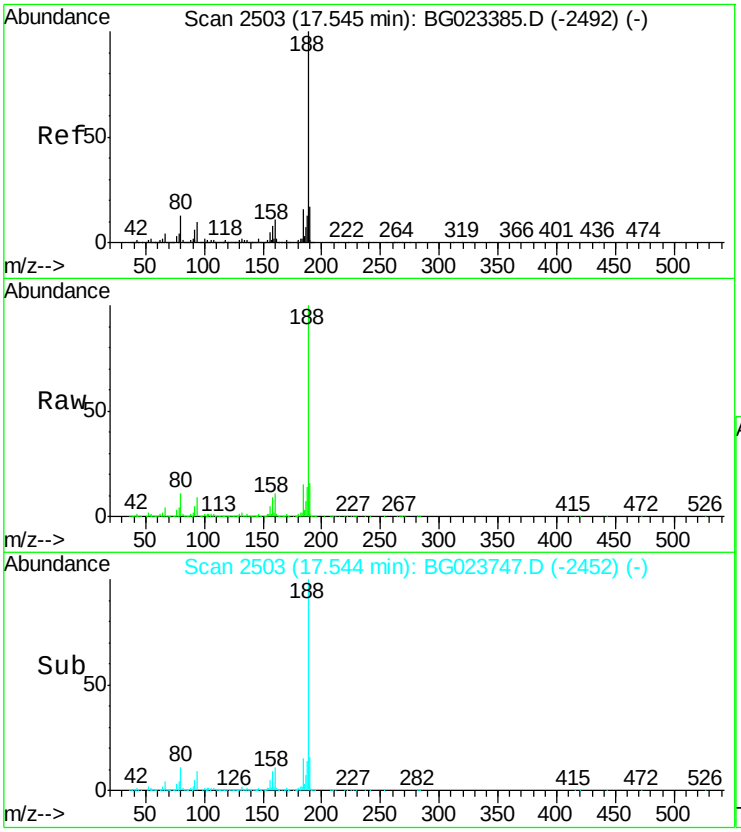


#62
Azobenzene
Concen: 47.43 ng
RT: 16.11 min Scan# 2259
Delta R.T. -0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Tgt Ion: 77 Resp: 1417659

Ion	Ratio	Lower	Upper
77	100		
182	24.7	3.5	43.5
105	21.0	0.0	38.5
51	30.7	17.1	57.1



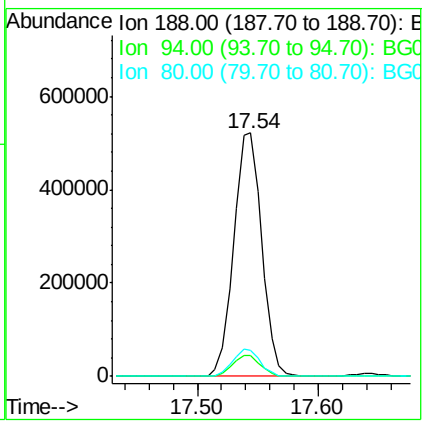


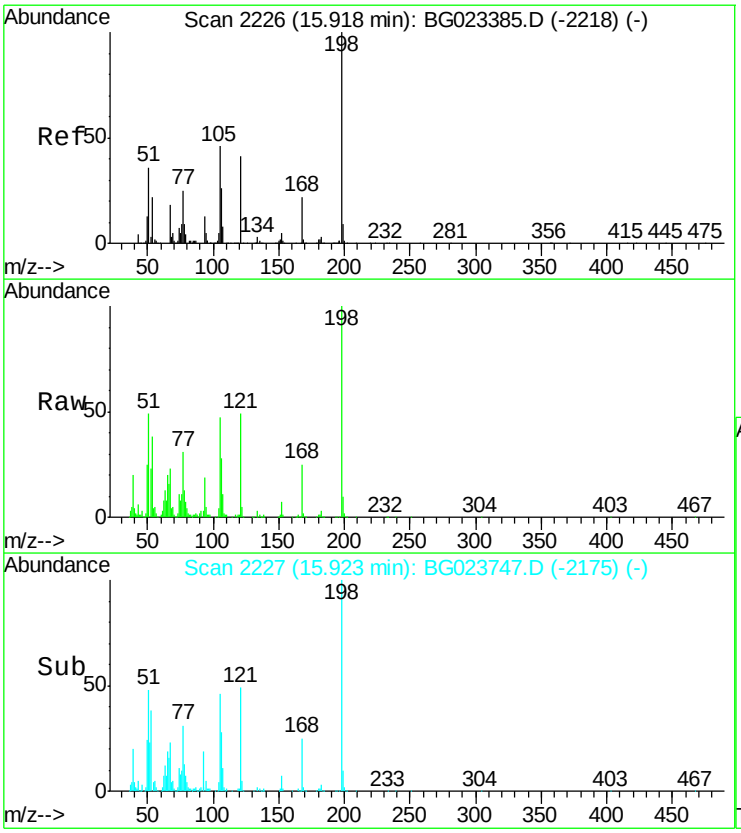
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.54 min Scan# 2503
Delta R.T. -0.00 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMS

Tgt Ion:188 Resp: 841002

Ion	Ratio	Lower	Upper
188	100		
94	8.6	5.2	7.8#
80	10.6	7.2	10.8

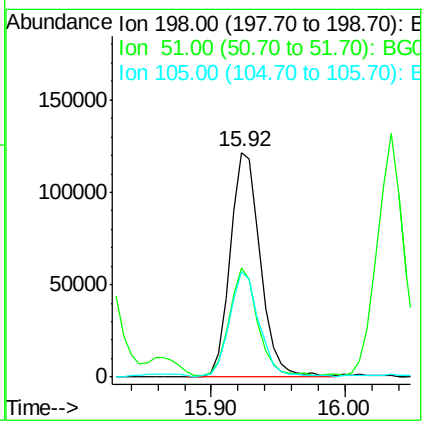


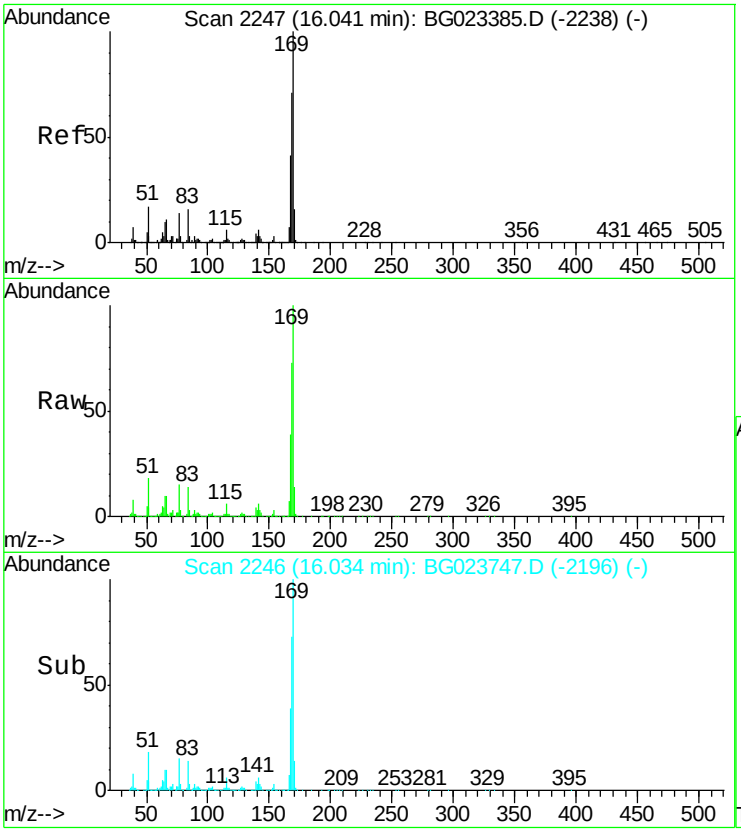


#64
4,6-Dinitro-2-methylphenol
Concen: 33.47 ng
RT: 15.92 min Scan# 2227
Delta R.T. 0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Tgt Ion:198 Resp: 191380

Ion	Ratio	Lower	Upper
198	100		
51	48.7	26.0	66.0
105	46.9	20.1	60.1



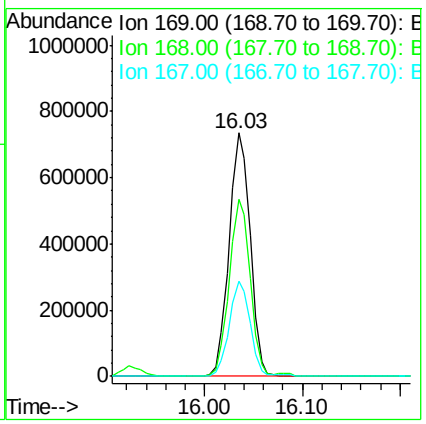


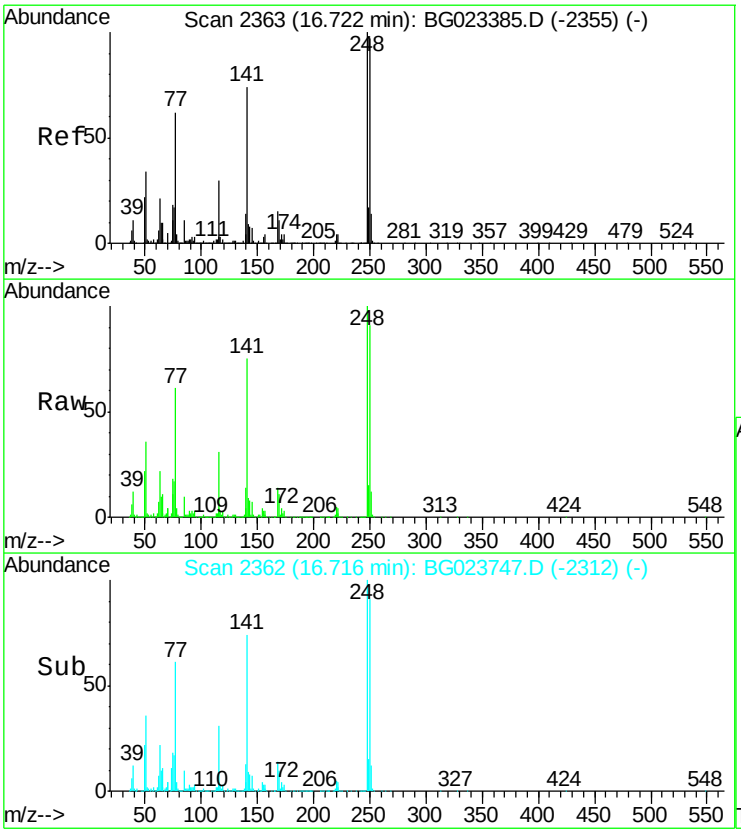
#65
n-Nitrosodiphenylamine
Concen: 44.56 ng
RT: 16.03 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMS

Tgt Ion:169 Resp: 1099137

Ion	Ratio	Lower	Upper
169	100		
168	72.8	55.0	82.4
167	39.0	27.4	41.0

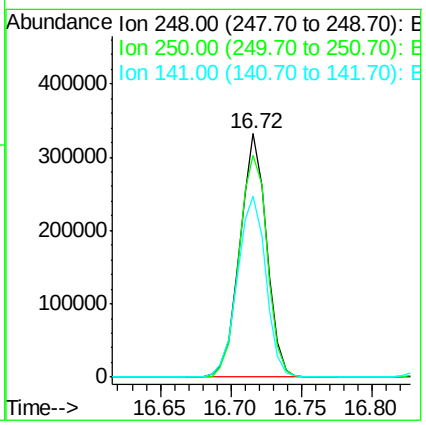


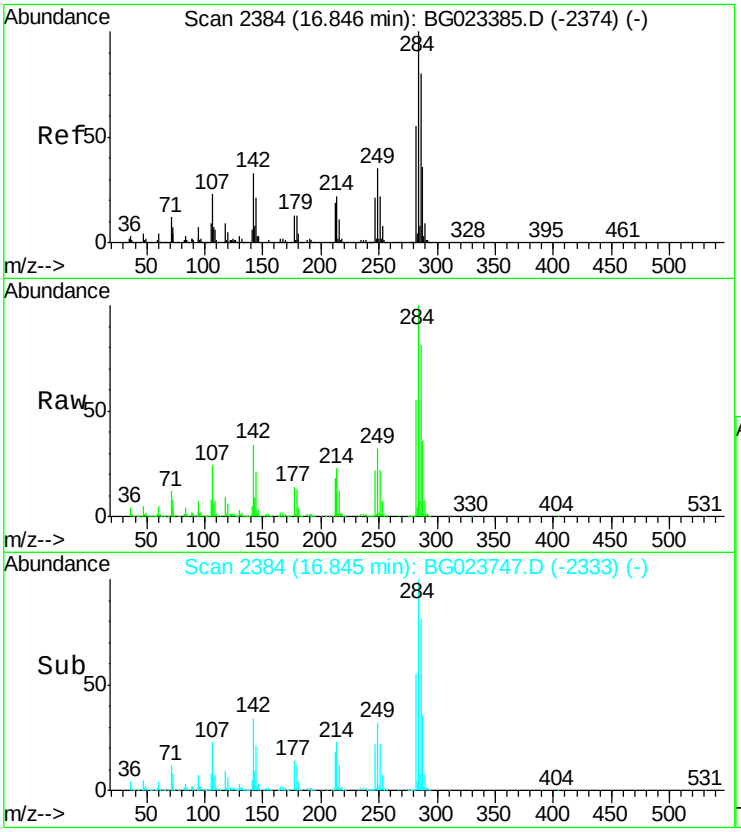


#66
4-Bromophenyl-phenylether
Concen: 44.83 ng
RT: 16.72 min Scan# 2362
Delta R.T. -0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Tgt Ion:248 Resp: 439417

Ion	Ratio	Lower	Upper
248	100		
250	91.3	77.8	116.8
141	74.6	65.7	98.5



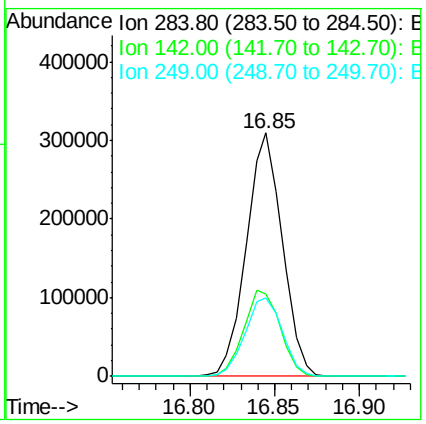


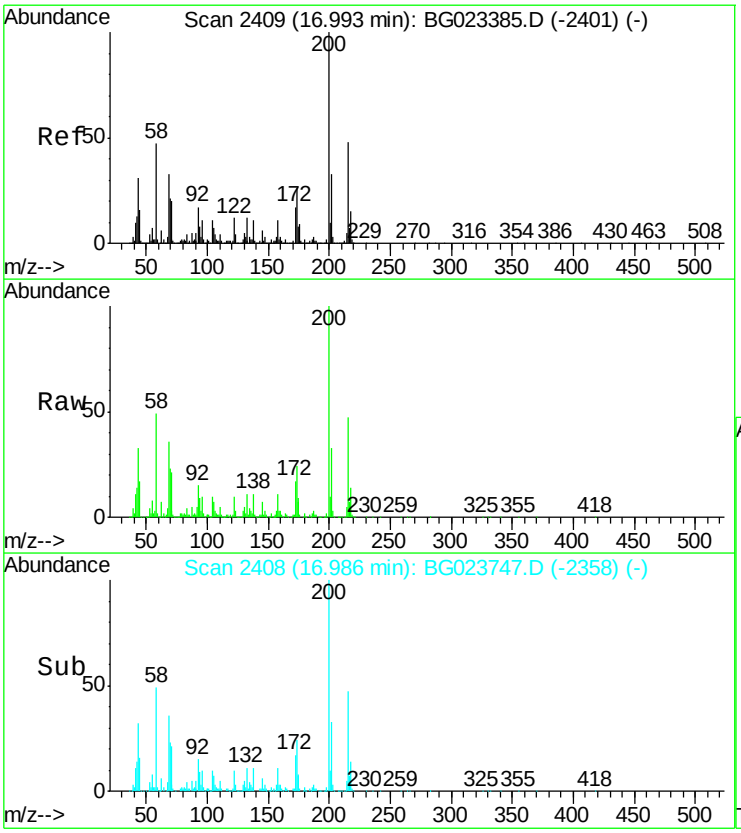
#67
Hexachlorobenzene
Concen: 42.49 ng
RT: 16.85 min Scan# 2384
Delta R.T. -0.00 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMS

Tgt Ion:284 Resp: 455634

Ion	Ratio	Lower	Upper
284	100		
142	33.8	26.8	40.2
249	32.3	28.9	43.3

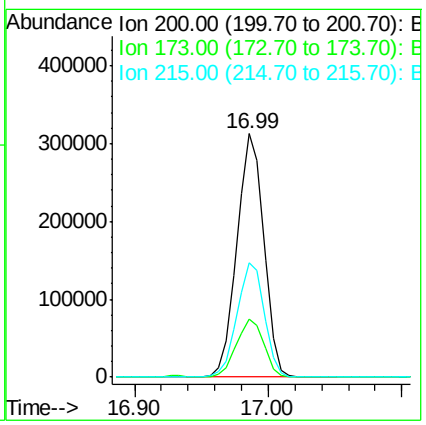


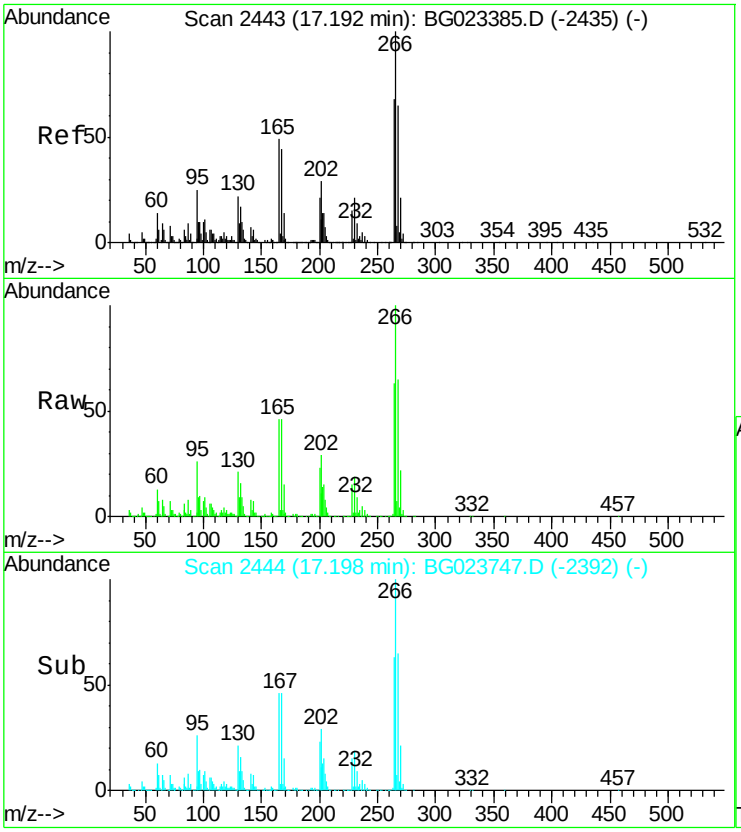


#68
Atrazine
Concen: 45.83 ng
RT: 16.99 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Tgt Ion:200 Resp: 434077

Ion	Ratio	Lower	Upper
200	100		
173	23.8	1.6	41.6
215	47.1	28.7	68.7



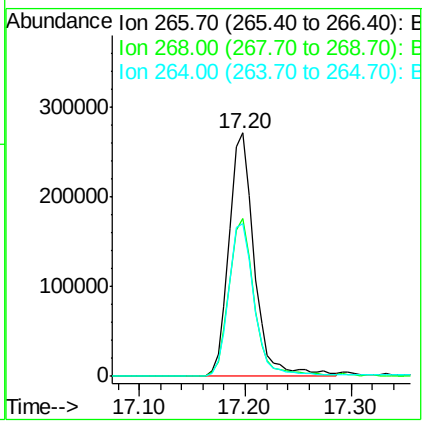


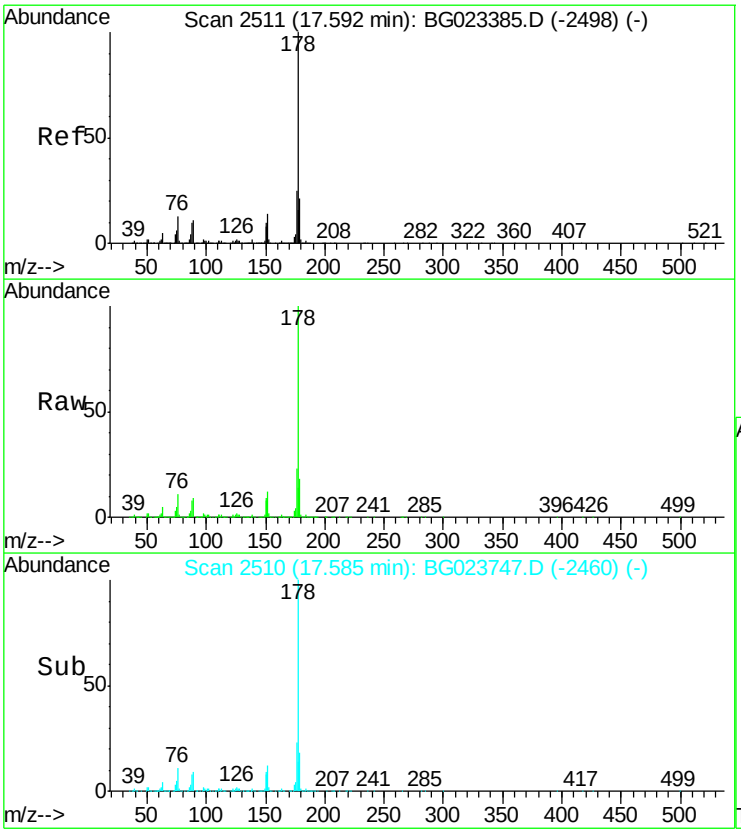
#69
Pentachlorophenol
Concen: 71.78 ng
RT: 17.20 min Scan# 2444
Delta R.T. 0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMS

Tgt Ion:266 Resp: 448793

Ion	Ratio	Lower	Upper
266	100		
268	64.8	51.9	77.9
264	62.7	50.6	75.8

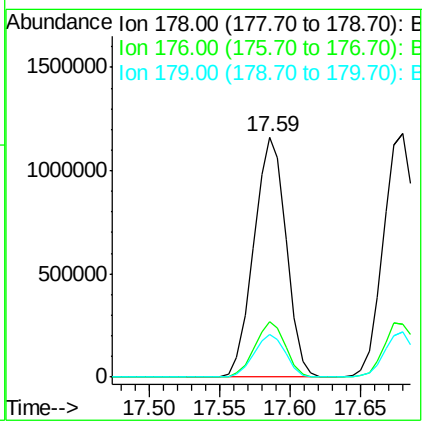


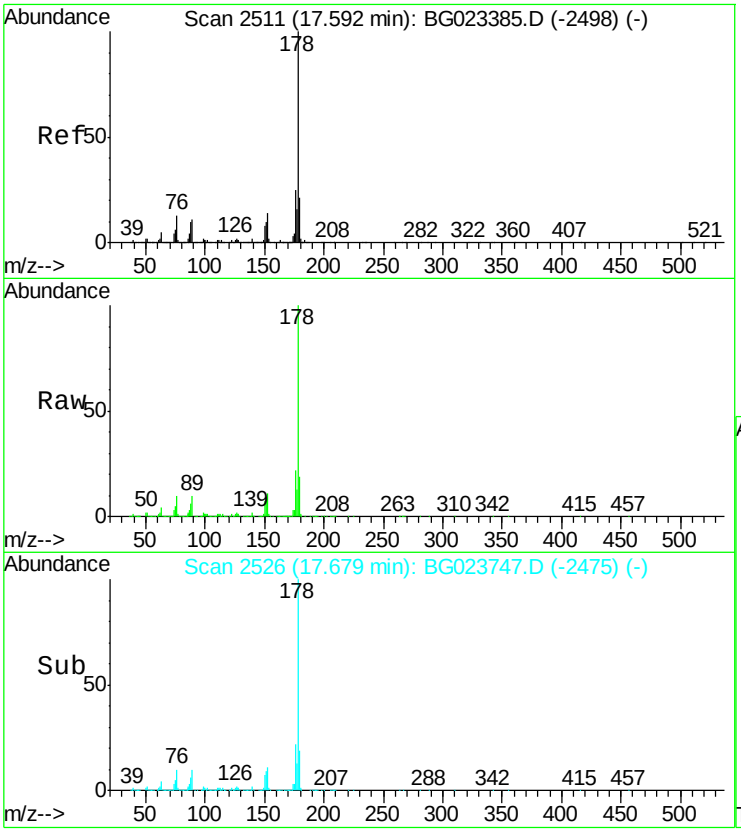


#70
Phenanthrene
Concen: 43.83 ng
RT: 17.59 min Scan# 2510
Delta R.T. -0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Tgt Ion:178 Resp: 1870306

Ion	Ratio	Lower	Upper
178	100		
176	23.0	16.8	25.2
179	18.0	14.3	21.5



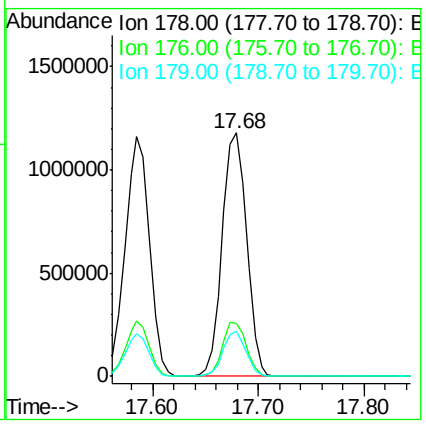


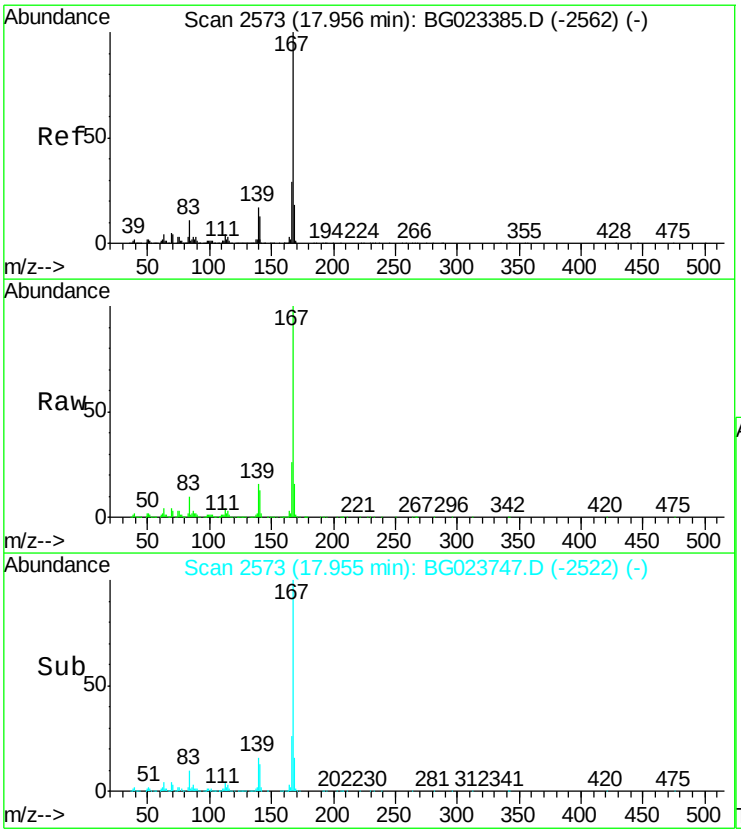
#71
Anthracene
Concen: 44.17 ng
RT: 17.68 min Scan# 2526
Delta R.T. -0.00 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMS

Tgt Ion:178 Resp: 1895650

Ion	Ratio	Lower	Upper
178	100		
176	21.8	17.3	25.9
179	18.6	14.0	21.0

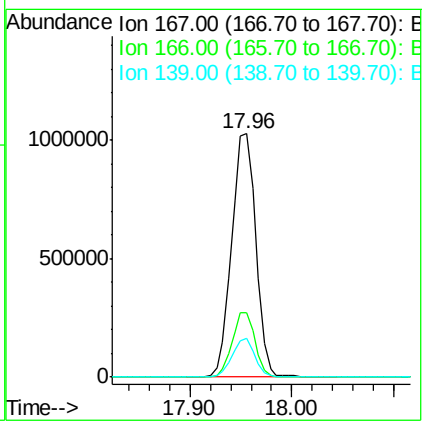


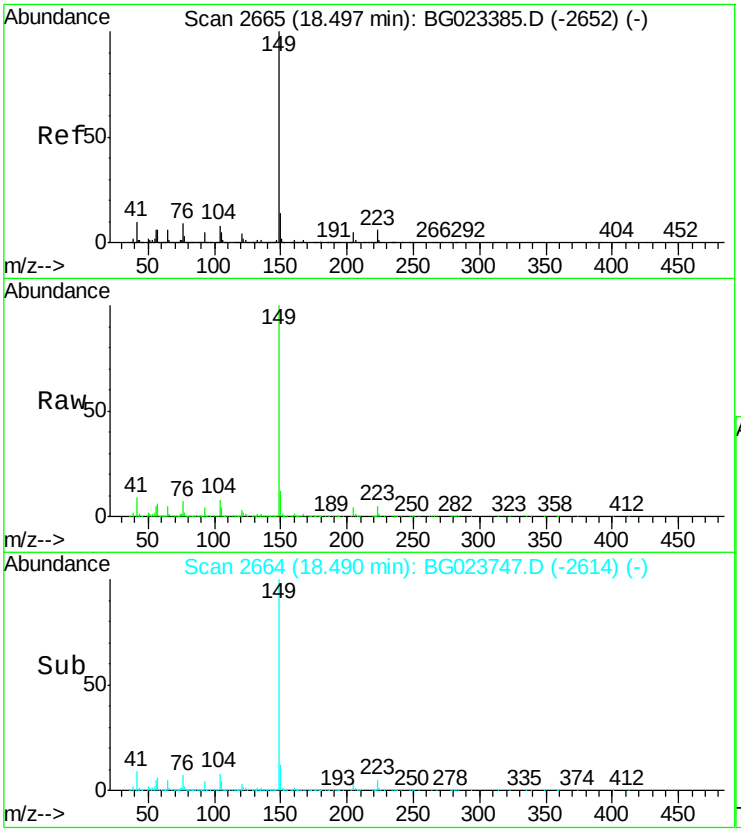


#72
Carbazole
Concen: 45.36 ng
RT: 17.96 min Scan# 2573
Delta R.T. -0.00 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Tgt Ion:167 Resp: 1709631

Ion	Ratio	Lower	Upper
167	100		
166	26.5	20.7	31.1
139	16.2	11.9	17.9



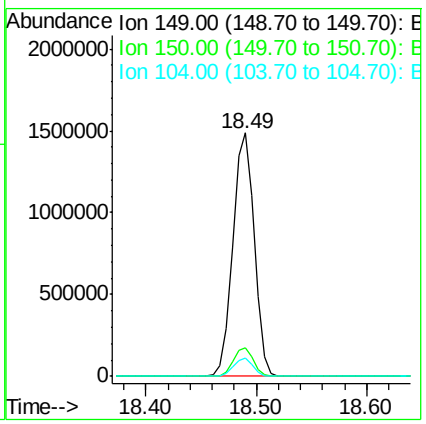


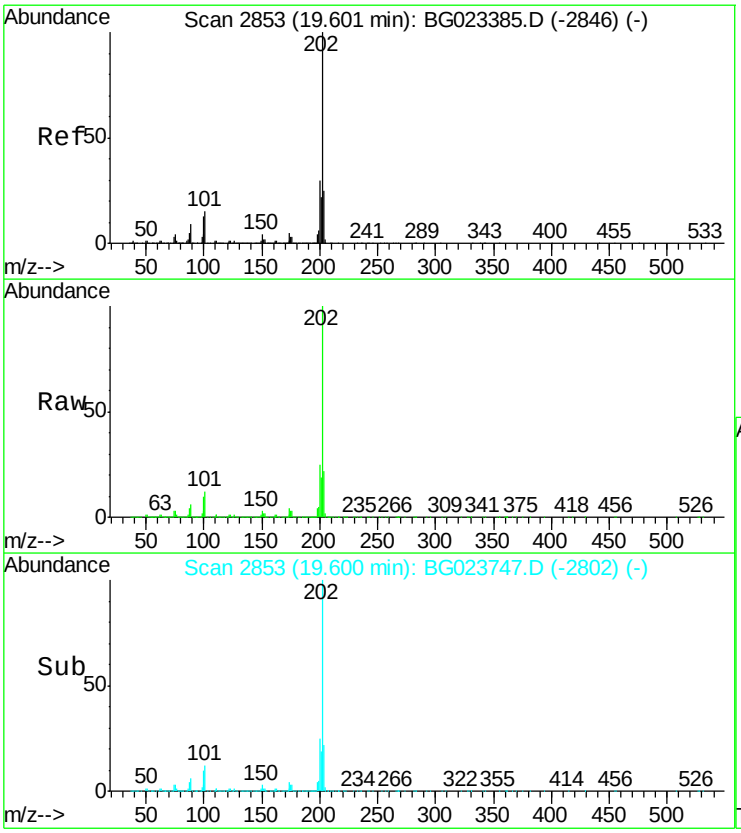
#73
Di-n-butylphthalate
Concen: 54.55 ng
RT: 18.49 min Scan# 2664
Delta R.T. -0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMS

Tgt Ion:149 Resp: 2022580

Ion	Ratio	Lower	Upper
149	100		
150	11.9	9.1	13.7
104	7.8	6.9	10.3

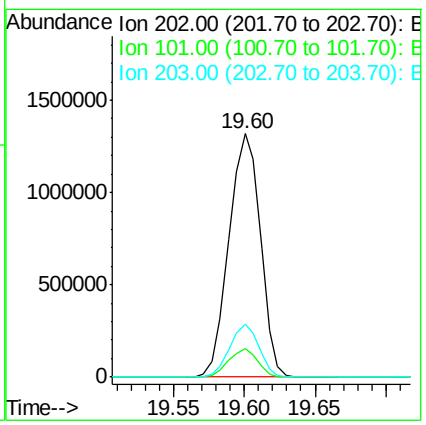


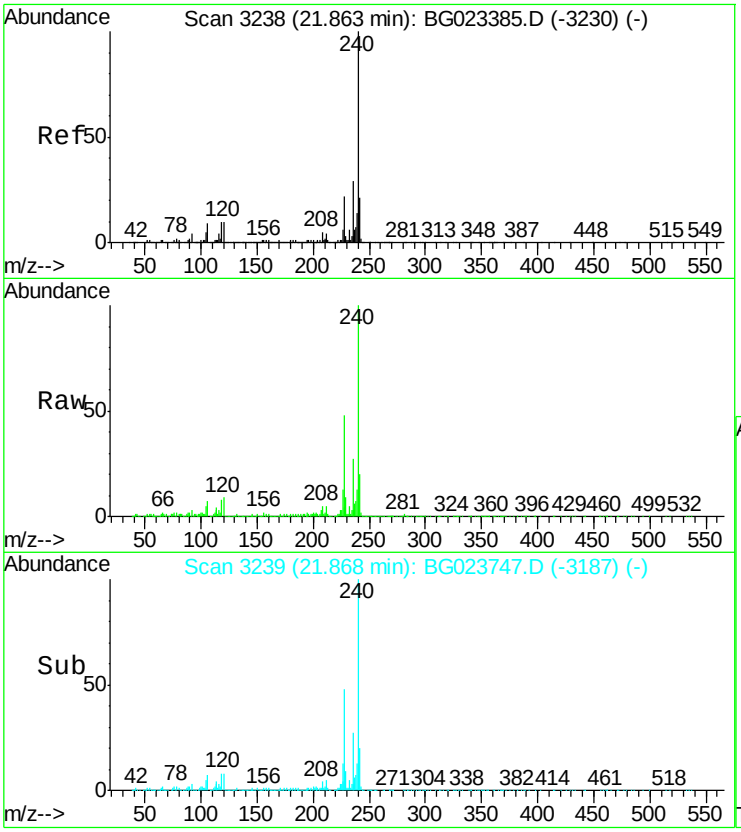


#74
Fluoranthene
Concen: 52.26 ng
RT: 19.60 min Scan# 2853
Delta R.T. 0.00 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Tgt Ion:202 Resp: 2041563

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	27.4
203	21.7	1.7	41.7



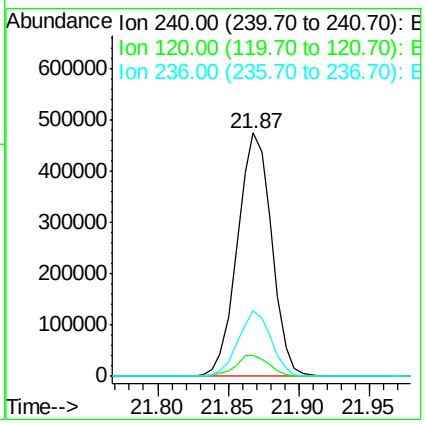


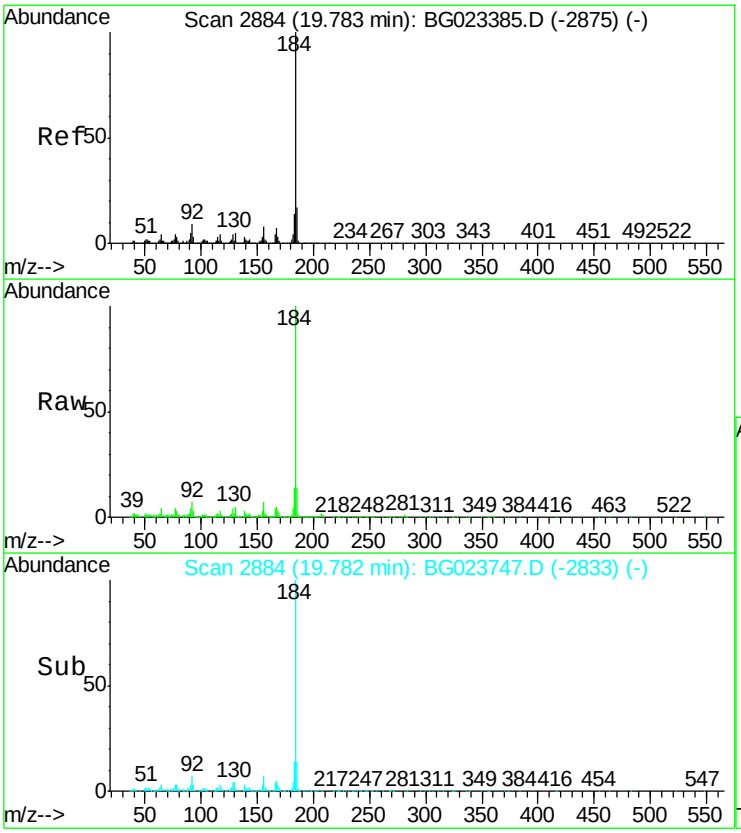
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.87 min Scan# 3239
Delta R.T. 0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMS

Tgt Ion:240 Resp: 802368

Ion	Ratio	Lower	Upper
240	100		
120	8.6	4.1	6.1#
236	27.0	21.1	31.7

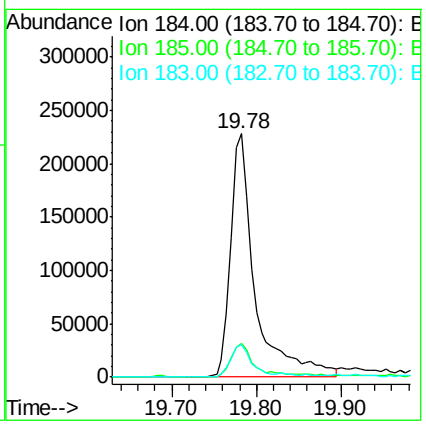


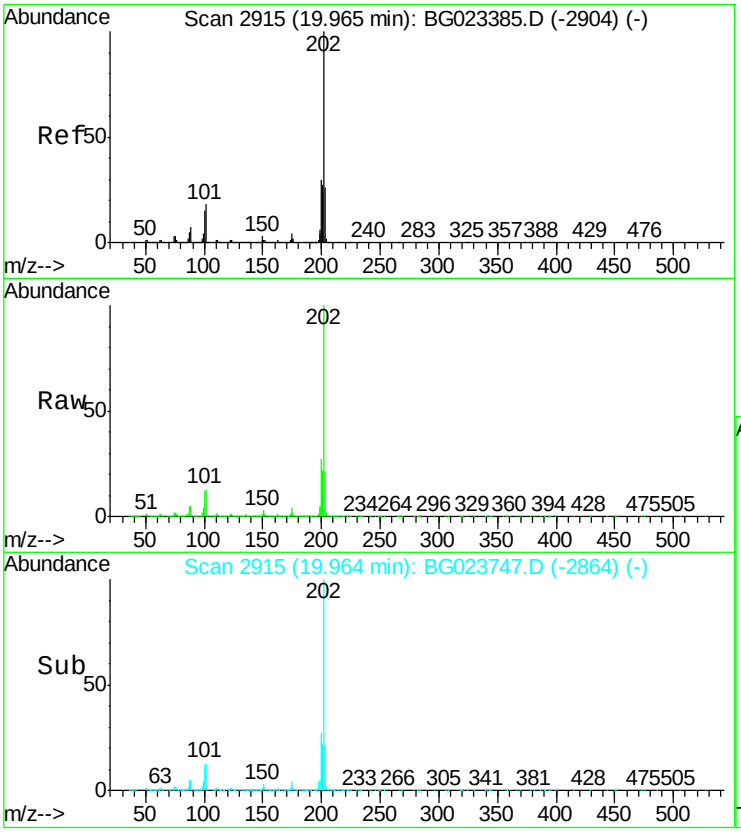


#76
Benzidine
Concen: 20.28 ng
RT: 19.78 min Scan# 2884
Delta R.T. -0.00 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Tgt Ion:184 Resp: 452256

Ion	Ratio	Lower	Upper
184	100		
185	13.7	12.6	19.0
183	13.5	10.7	16.1



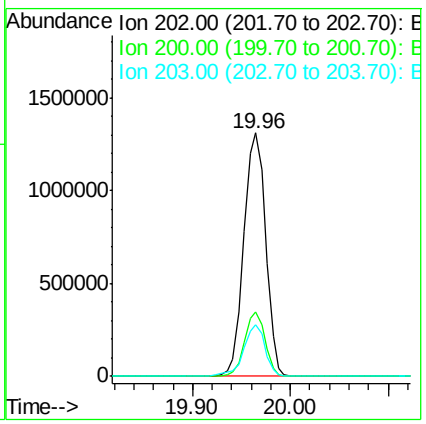


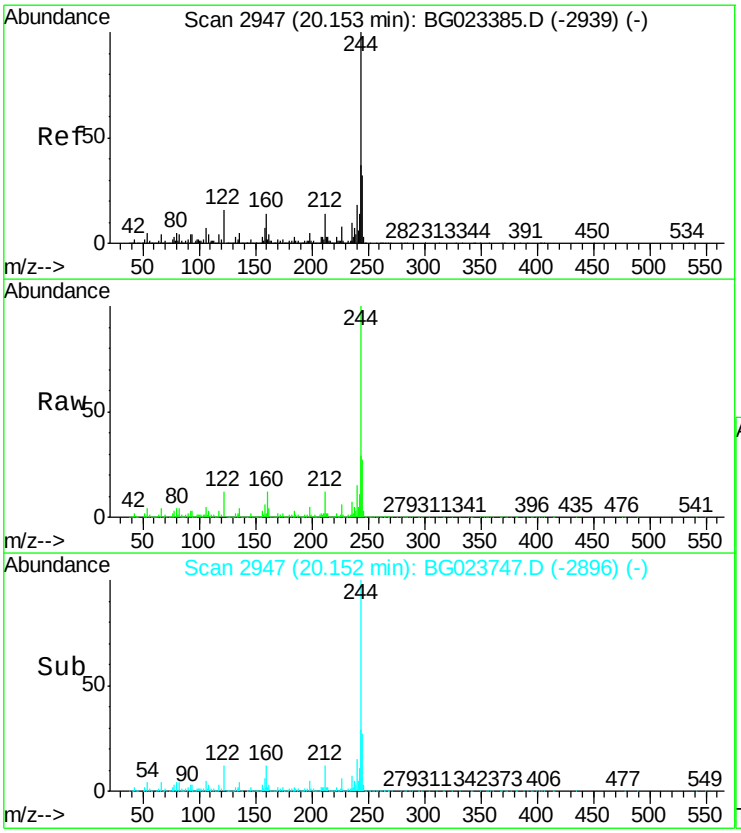
#77
Pyrene
Concen: 44.67 ng
RT: 19.96 min Scan# 2915
Delta R.T. -0.00 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMS

Tgt Ion:202 Resp: 2032834

Ion	Ratio	Lower	Upper
202	100		
200	26.6	21.2	31.8
203	21.4	16.8	25.2

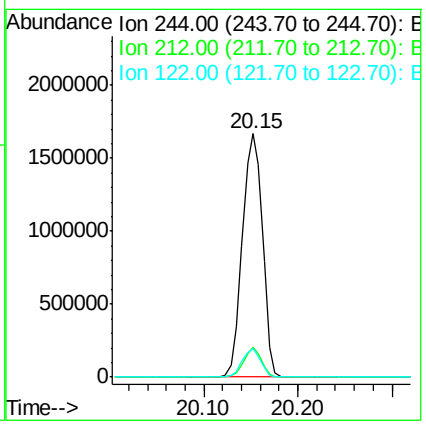


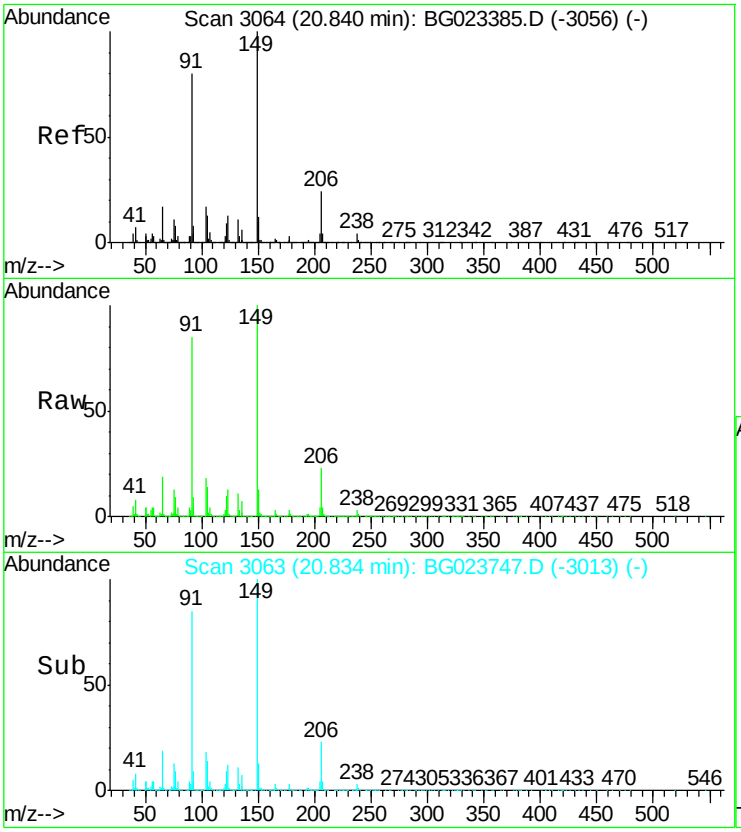


#78
Terphenyl-d14
Concen: 99.10 ng
RT: 20.15 min Scan# 2947
Delta R.T. -0.00 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Tgt Ion:244 Resp: 2459535

Ion	Ratio	Lower	Upper
244	100		
212	12.3	10.8	16.2
122	12.0	8.0	12.0



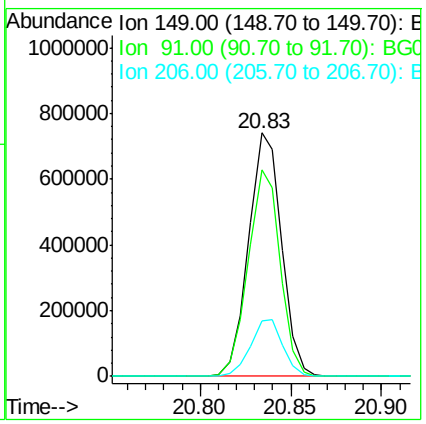


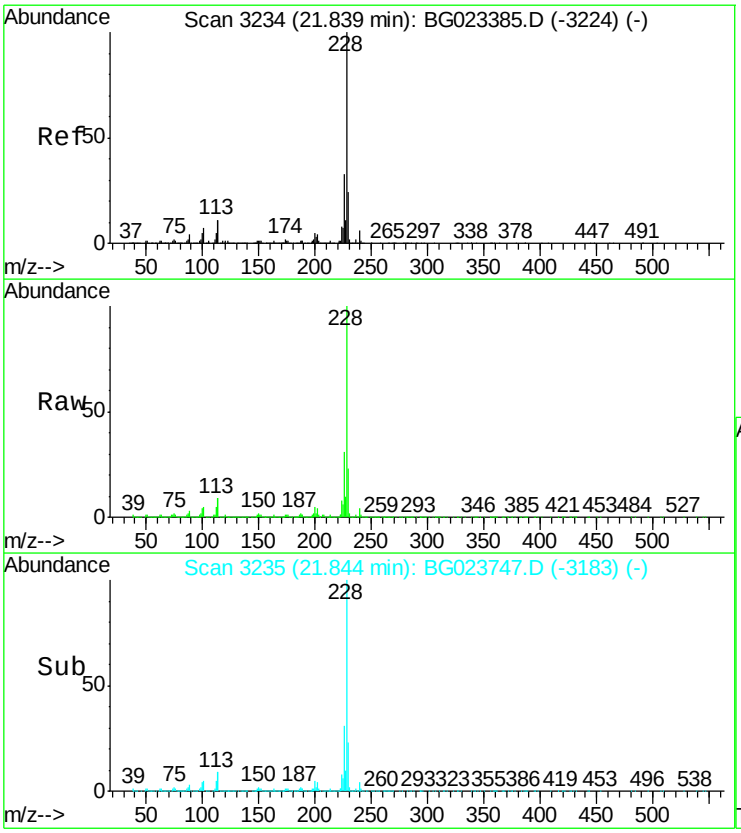
#79
Butylbenzylphthalate
Concen: 48.59 ng
RT: 20.83 min Scan# 3063
Delta R.T. -0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMS

Tgt Ion:149 Resp: 938880

Ion	Ratio	Lower	Upper
149	100		
91	85.0	68.1	102.1
206	23.0	19.8	29.6

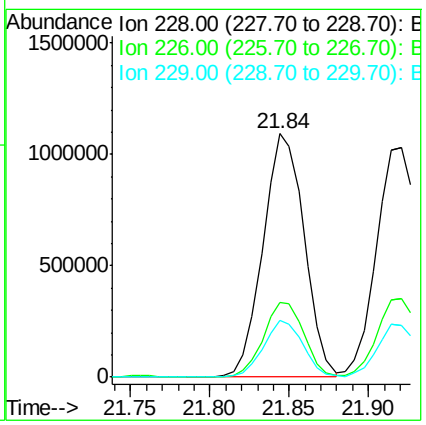


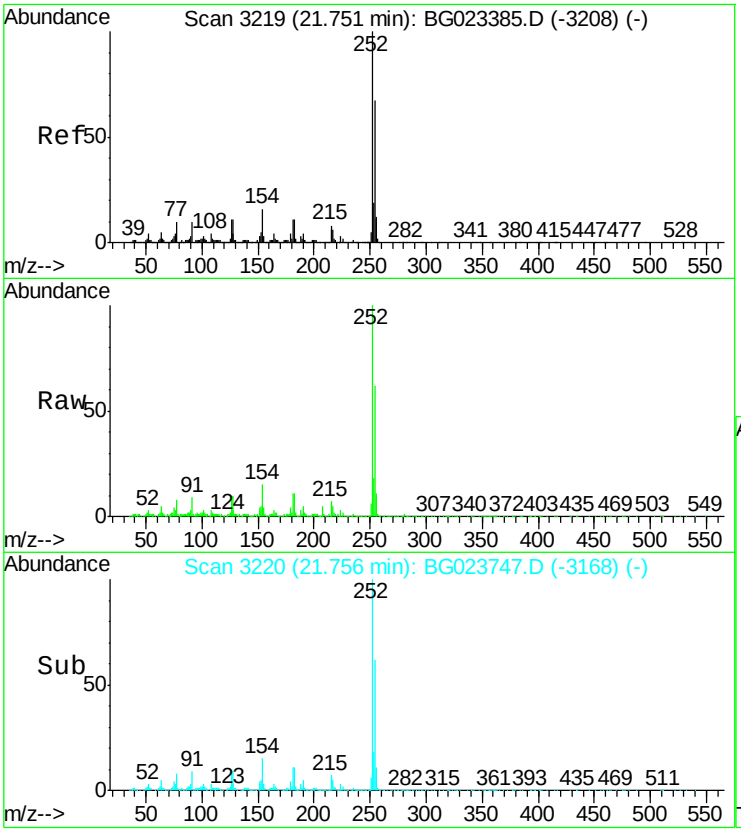


#80
Benzo(a)anthracene
Concen: 44.71 ng
RT: 21.84 min Scan# 3235
Delta R.T. 0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Tgt Ion:228 Resp: 1980419

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.3	37.9
229	23.4	19.9	29.9



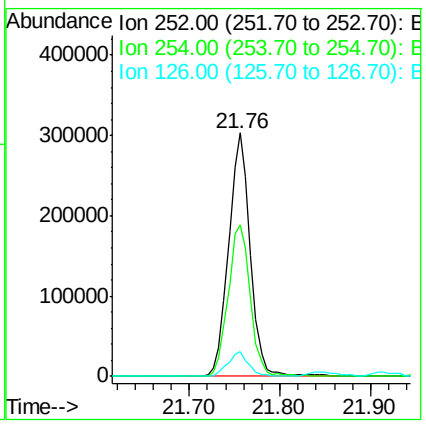


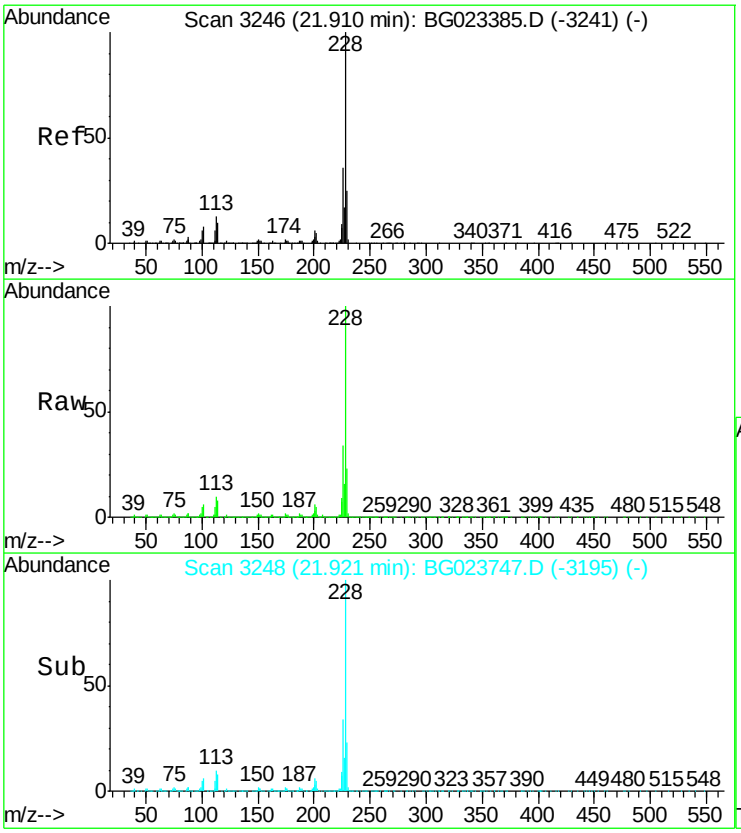
#81
3,3'-Dichlorobenzidine
Concen: 27.50 ng
RT: 21.76 min Scan# 3220
Delta R.T. 0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMS

Tgt Ion:252 Resp: 499521

Ion	Ratio	Lower	Upper
252	100		
254	62.2	51.2	76.8
126	10.0	5.3	7.9#

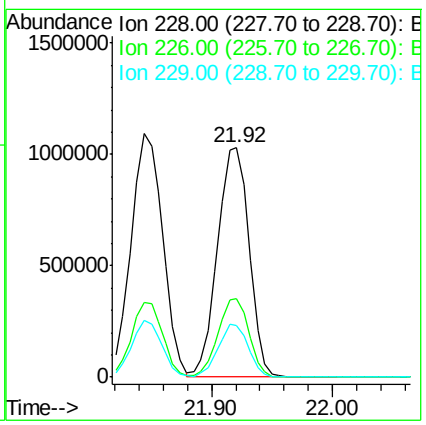


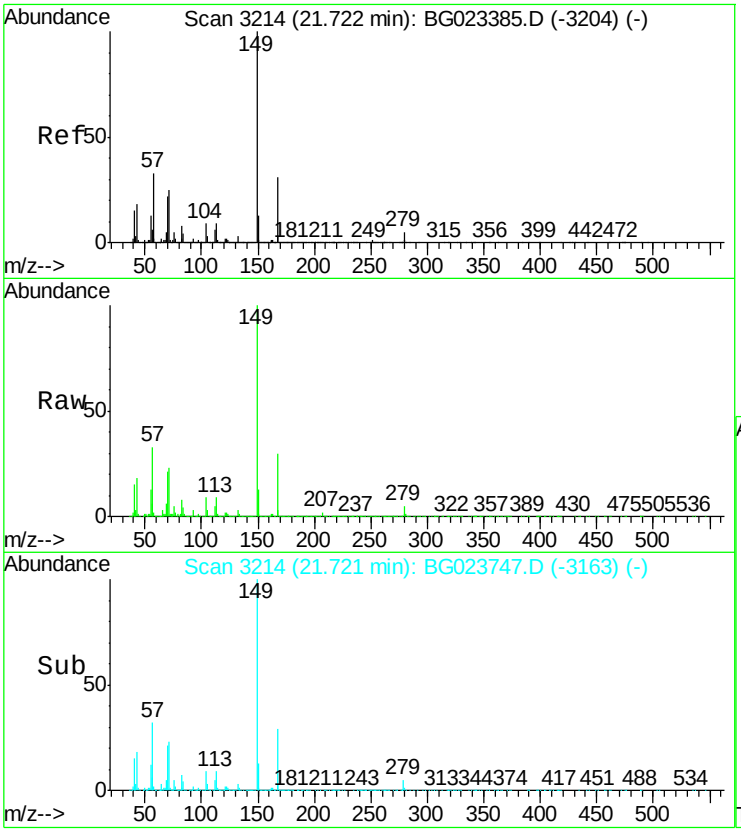


#82
Chrysene
Concen: 44.36 ng
RT: 21.92 min Scan# 3248
Delta R.T. 0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Tgt Ion:228 Resp: 1869352

Ion	Ratio	Lower	Upper
228	100		
226	34.2	26.7	40.1
229	22.7	17.4	26.2



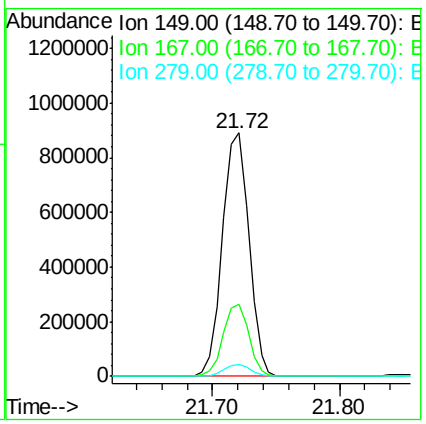


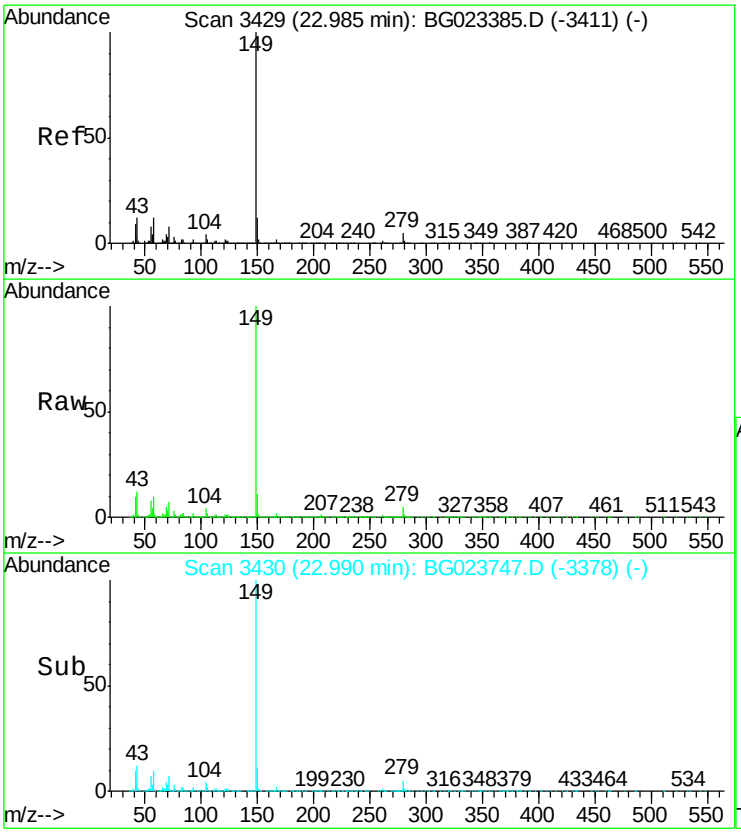
#83
Bis(2-ethylhexyl)phthalate
Concen: 48.73 ng
RT: 21.72 min Scan# 3214
Delta R.T. -0.00 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMS

Tgt Ion:149 Resp: 1289284

Ion	Ratio	Lower	Upper
149	100		
167	29.5	24.0	36.0
279	5.0	4.8	7.2

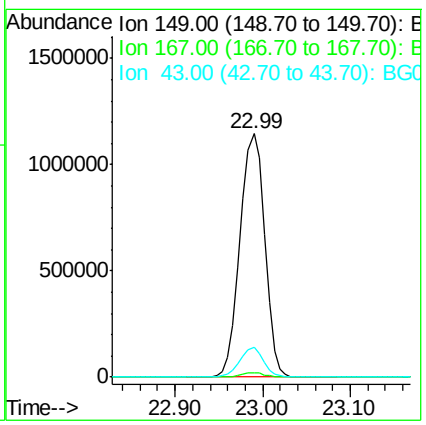


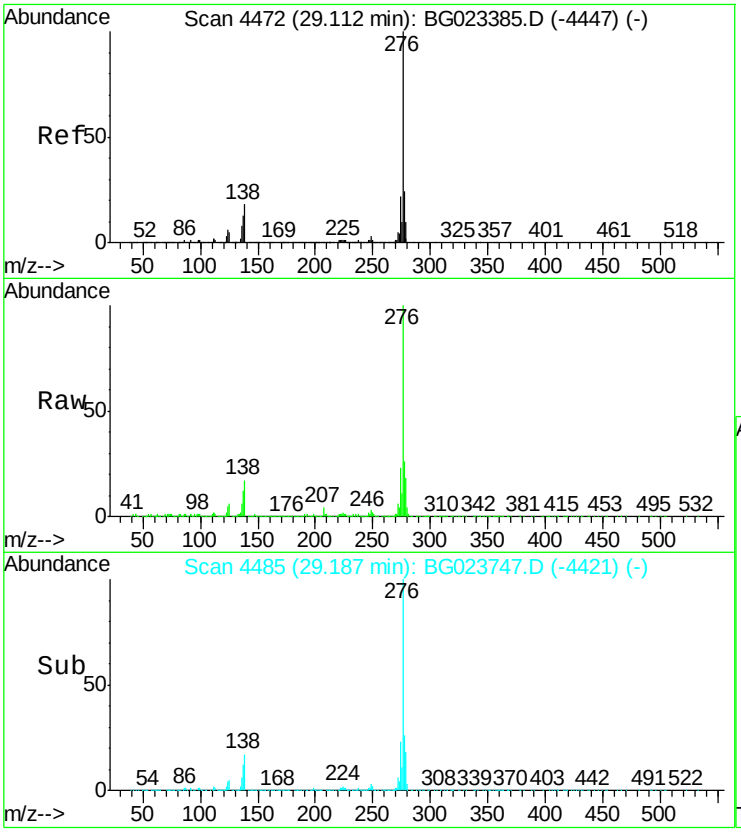


#84
Di-n-octyl phthalate
Concen: 48.03 ng
RT: 22.99 min Scan# 3430
Delta R.T. 0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Tgt Ion:149 Resp: 2169068

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.5	2.3
43	11.0	8.8	13.2



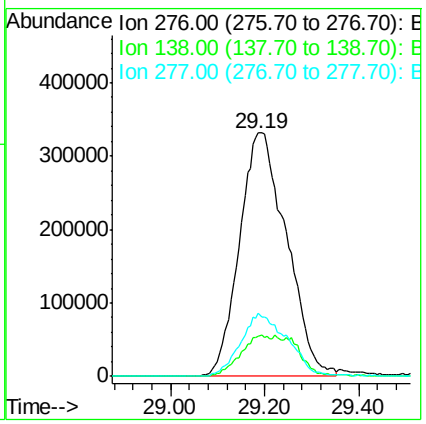


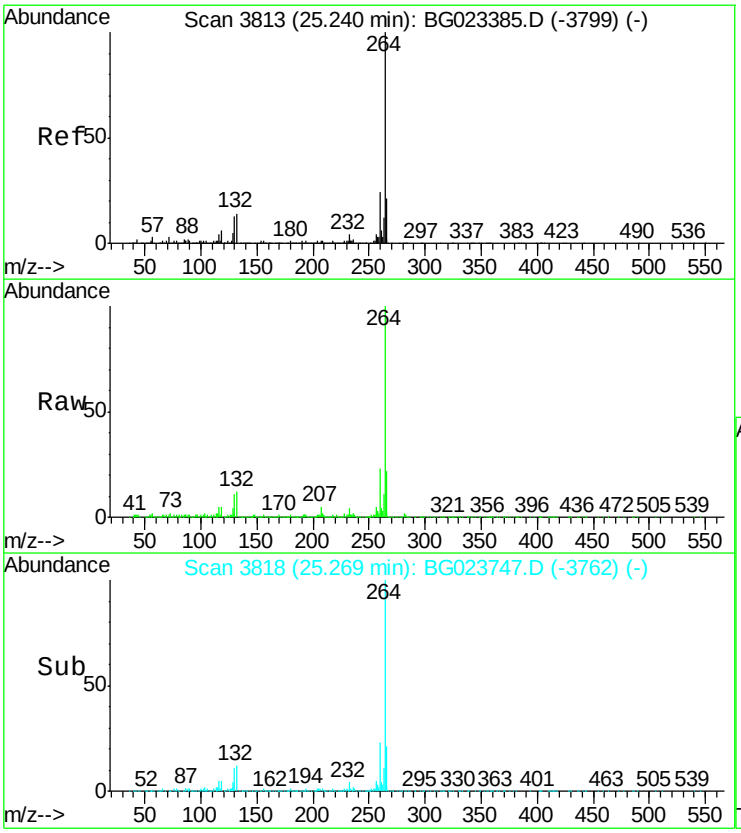
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.74 ng
RT: 29.19 min Scan# 4485
Delta R.T. 0.08 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMS

Tgt Ion:276 Resp: 2303384

Ion	Ratio	Lower	Upper
276	100		
138	11.1	0.0	0.0#
277	25.6	0.0	0.0#

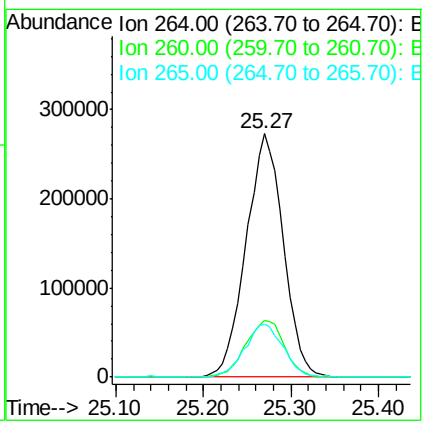


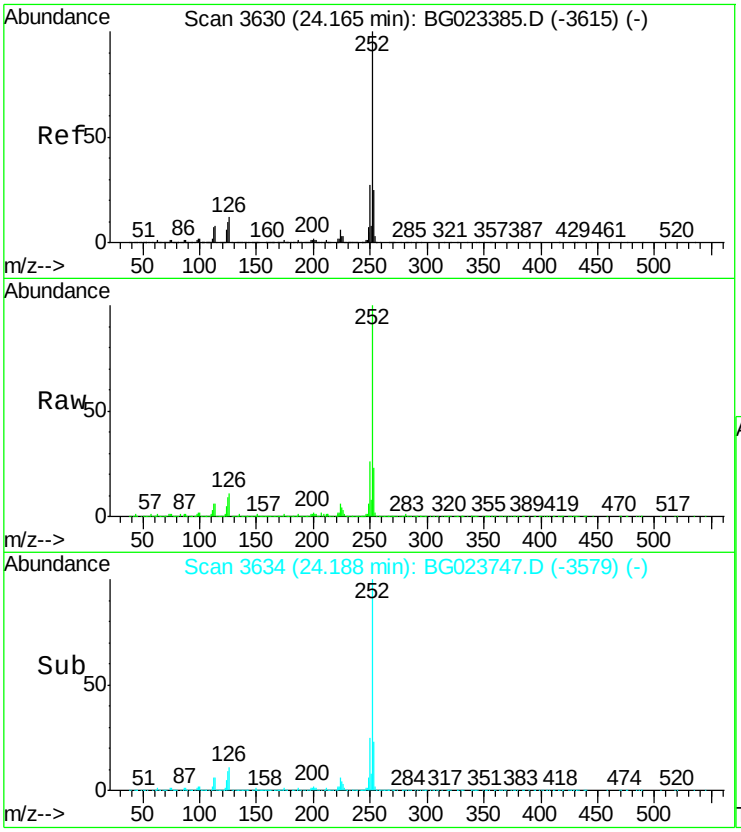


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.27 min Scan# 3818
Delta R.T. 0.03 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Tgt Ion:264 Resp: 793159

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.4	27.6
265	21.6	18.9	28.3



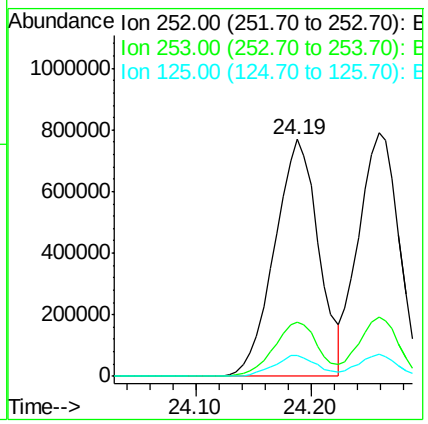


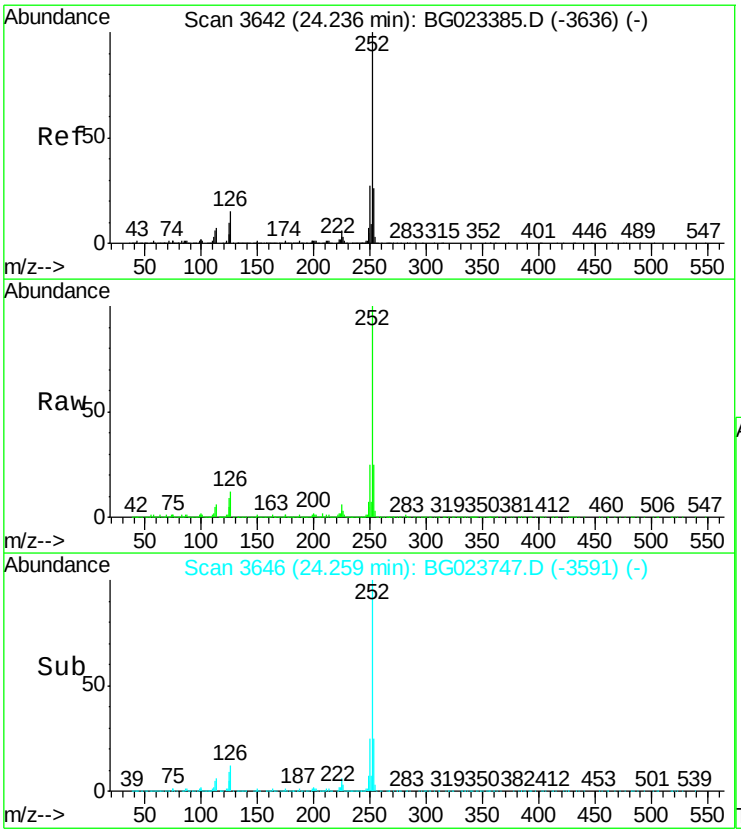
#87
Benzo(b)fluoranthene
Concen: 45.69 ng
RT: 24.19 min Scan# 3634
Delta R.T. 0.02 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMS

Tgt Ion:252 Resp: 2038802

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.9	28.3
125	8.9	3.9	5.9#

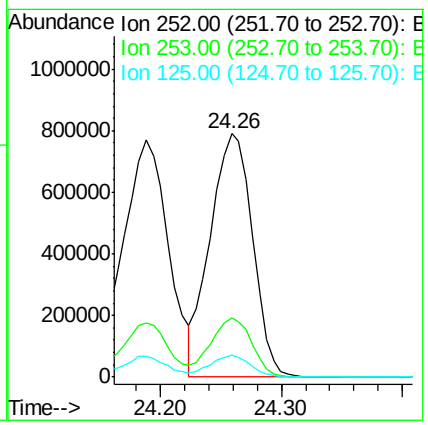


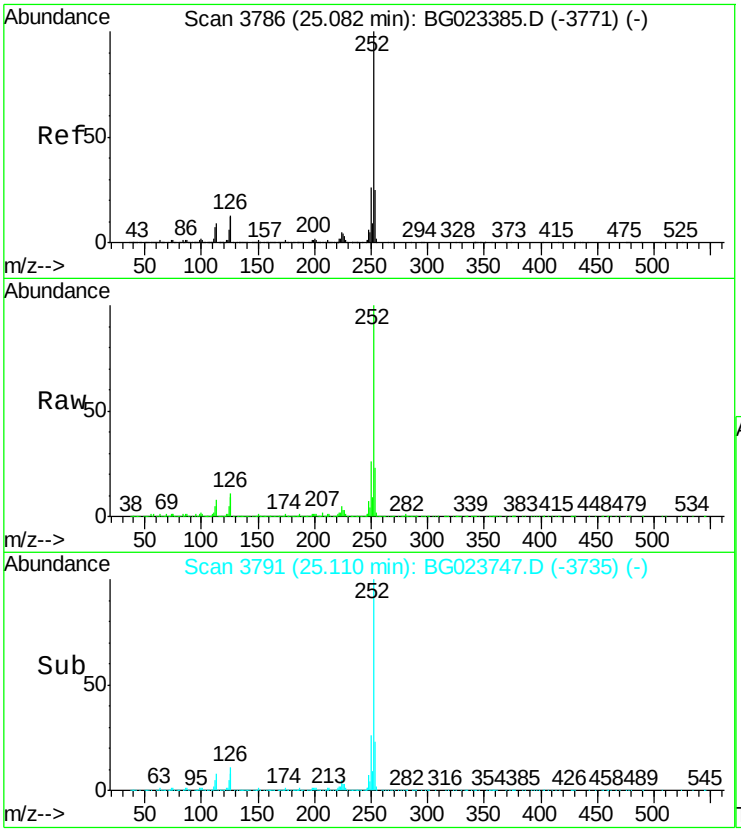


#88
Benzo(k)fluoranthene
Concen: 44.73 ng
RT: 24.26 min Scan# 3646
Delta R.T. 0.02 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Tgt Ion:252 Resp: 1917332

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.8	28.2
125	9.1	3.2	4.8#



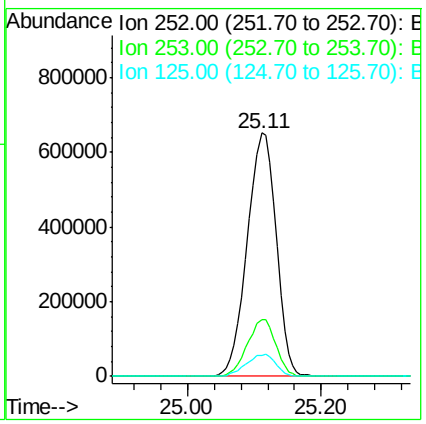


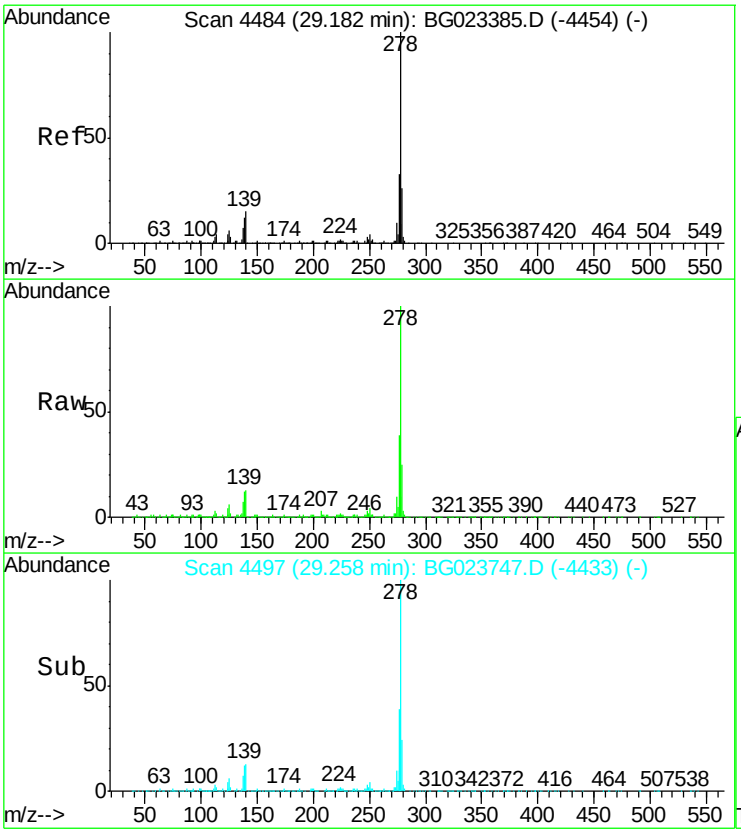
#89
Benzo(a)pyrene
Concen: 45.69 ng
RT: 25.11 min Scan# 3791
Delta R.T. 0.03 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMS

Tgt Ion:252 Resp: 1939212

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.7	28.1
125	8.5	3.9	5.9#

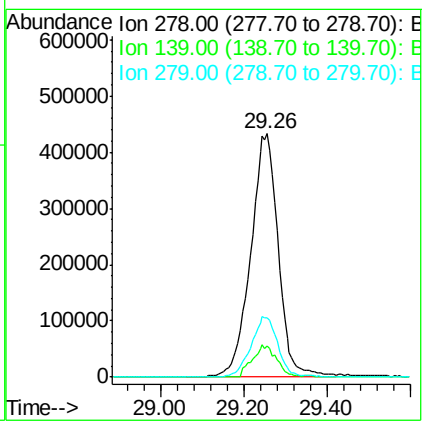


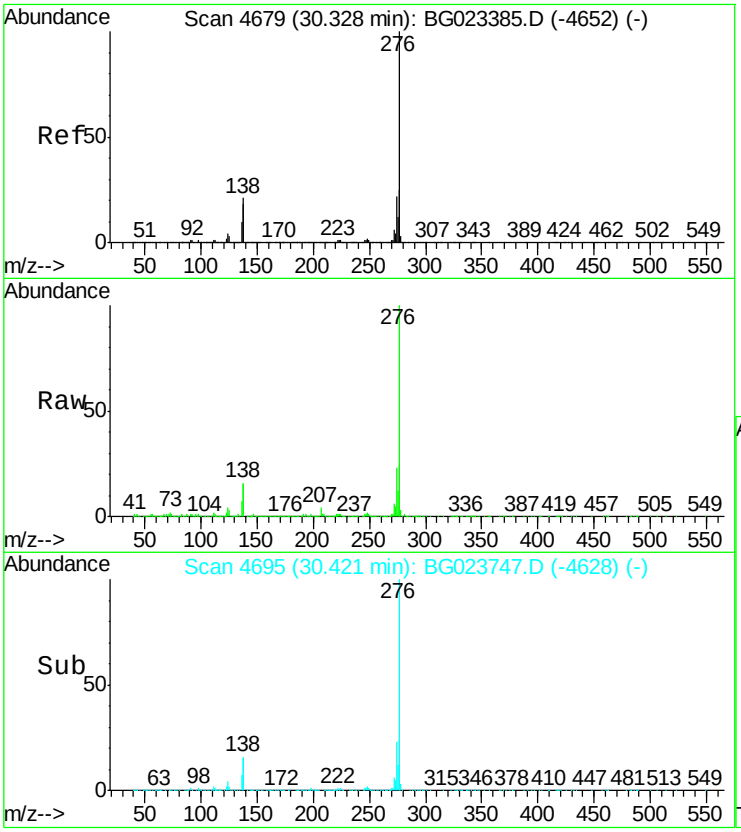


#90
Dibenzo(a,h)anthracene
Concen: 46.09 ng
RT: 29.26 min Scan# 4497
Delta R.T. 0.08 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Tgt Ion:278 Resp: 1998289

Ion	Ratio	Lower	Upper
278	100		
139	12.9	4.7	7.1#
279	24.6	18.3	27.5





#91
Benzo(g,h,i)perylene
Concen: 42.93 ng
RT: 30.42 min Scan# 4695
Delta R.T. 0.09 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGSMS

Tgt Ion:276 Resp: 1874250

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.6	27.8
138	16.1	6.8	10.2#