

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032217\
 Data File : BG026384.D
 Acq On : 22 Mar 2017 20:38
 Operator : SJ/MA
 Sample : I2348-09MS
 Misc : L00 20 PPB
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JFC-SOIL-COMPMS

Quant Time: Mar 23 01:14:25 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 17:43:27 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	133003	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	569511	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	334079	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	821393	20.00	ng	0.00
75) Chrysene-d12	21.63	240	859000	20.00	ng	0.00
86) Perylene-d12	24.80	264	72822	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1043681	139.28	ng	0.00
7) Phenol-d6	7.21	99	1288609	128.09	ng	0.00
23) Nitrobenzene-d5	9.20	82	778600	82.20	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	632530	165.33	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	2133849	89.57	ng	0.00
78) Terphenyl-d14	19.98	244	3056167	86.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	116770	34.72	ng	# 68
3) Pyridine	3.94	79	380243	41.28	ng	# 64
4) n-Nitrosodimethylamine	3.82	42	98779	39.23	ng	# 1
6) Aniline	7.38	93	28923	2.15	ng	99
8) 2-Chlorophenol	7.61	128	405438	48.05	ng	# 81
9) Benzaldehyde	7.18	77	118803	17.49	ng	# 68
10) Phenol	7.24	94	451400	42.05	ng	# 69
11) bis(2-Chloroethyl)ether	7.46	93	368250	41.83	ng	# 80
12) 1,3-Dichlorobenzene	7.93	146	408242	40.64	ng	# 85
13) 1,4-Dichlorobenzene	8.08	146	418714	41.21	ng	# 92
14) 1,2-Dichlorobenzene	8.40	146	408302	41.99	ng	# 88
15) Benzyl Alcohol	8.28	79	70511	10.69	ng	# 78
16) 2,2'-oxybis(1-Chloropropan	8.57	45	356302	36.45	ng	80
17) 2-Methylphenol	8.48	107	329717	43.24	ng	# 79
18) Hexachloroethane	9.13	117	132363	39.84	ng	92
19) n-Nitroso-di-n-propylamine	8.85	70	285063	44.08	ng	# 68
20) 3+4-Methylphenols	8.81	107	450086	42.88	ng	# 84
22) Acetophenone	8.86	105	588747	44.95	ng	# 73
24) Nitrobenzene	9.24	77	399095	42.67	ng	# 71
25) Isophorone	9.76	82	807261	45.22	ng	# 90
26) 2-Nitrophenol	9.96	139	240530	49.43	ng	# 60
27) 2,4-Dimethylphenol	10.01	122	391004	48.95	ng	# 82
28) bis(2-Chloroethoxy)methane	10.24	93	311580	26.87	ng	97
29) 2,4-Dichlorophenol	10.49	162	432784	53.58	ng	93
30) 1,2,4-Trichlorobenzene	10.71	180	422653	46.58	ng	99
31) Naphthalene	10.90	128	1239097	43.03	ng	100
32) Benzoic acid	10.15	122	265936	43.27	ng	# 68
34) Hexachlorobutadiene	11.18	225	235149	43.92	ng	98
35) Caprolactam	11.77	113	159826	50.21	ng	# 51
36) 4-Chloro-3-methylphenol	12.12	107	434913	50.33	ng	# 73
37) 2-Methylnaphthalene	12.49	142	984797	46.69	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	460799	45.84	ng	98
40) Hexachlorocyclopentadiene	12.84	237	525631	99.35	ng	96
42) 2,4,6-Trichlorophenol	13.09	196	354157	53.81	ng	96

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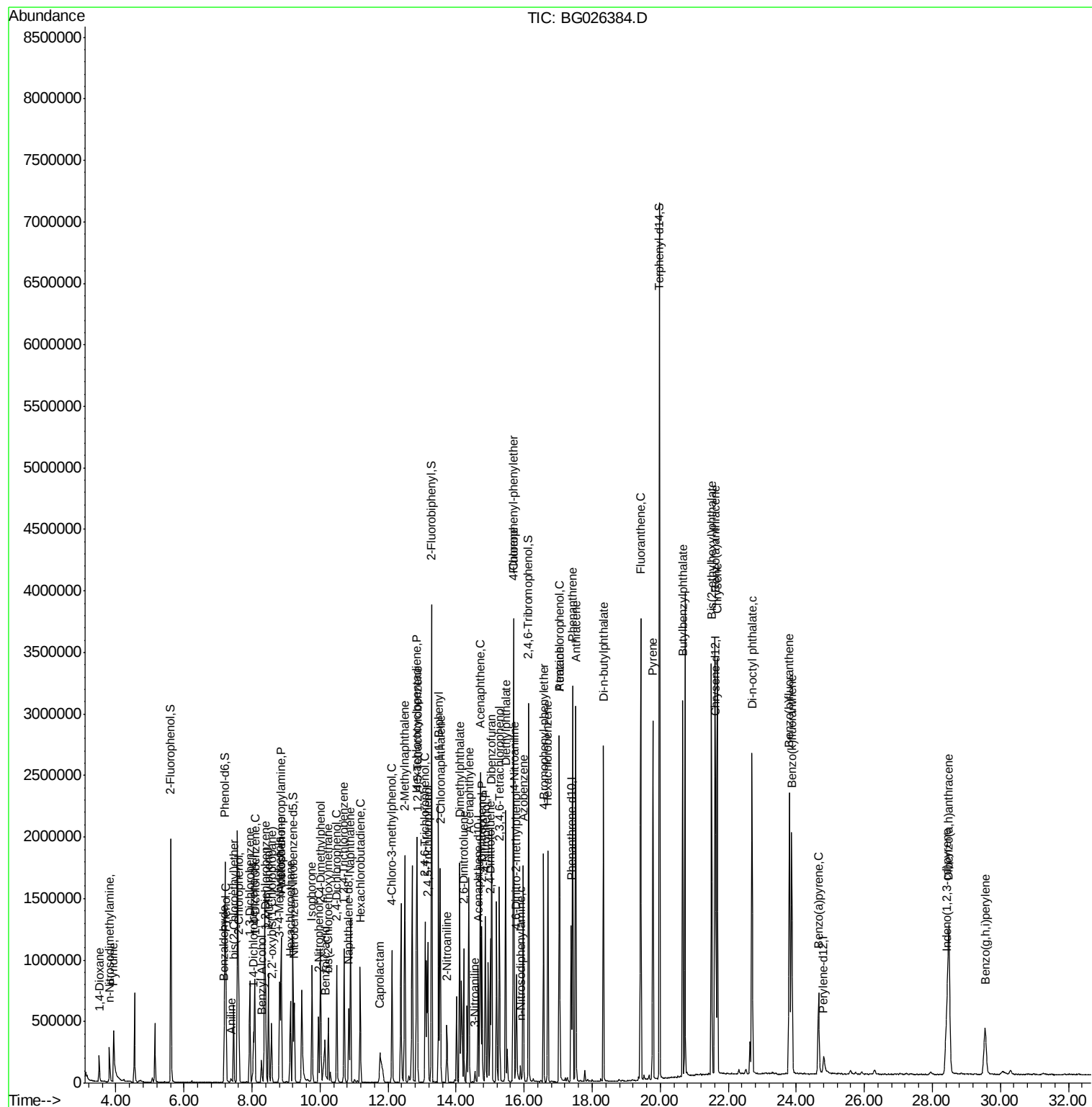
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.17	196	373526	51.35	nq	# 90
45) 1,1'-Biphenyl	13.49	154	1286092	46.48	nq	98
46) 2-Chloronaphthalene	13.53	162	957383	47.38	nq	97
47) 2-Nitroaniline	13.73	65	138058	24.02	nq	# 60
48) Acenaphthylene	14.37	152	1255691	35.65	nq	99
49) Dimethylphthalate	14.10	163	1325039	52.55	nq	98
50) 2,6-Dinitrotoluene	14.22	165	307775	52.30	nq	# 58
51) Acenaphthene	14.71	154	985703	45.44	nq	99
52) 3-Nitroaniline	14.56	138	36311	5.60	nq	# 70
53) 2,4-Dinitrophenol	14.76	184	387680	113.55	nq	# 73
54) Dibenzofuran	15.05	168	1571397	51.45	nq	# 89
55) 4-Nitrophenol	14.86	139	514533	96.96	nq	# 37
56) 2,4-Dinitrotoluene	15.01	165	438375	52.96	nq	# 69
57) Fluorene	15.69	166	1295034	47.65	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.27	232	355249	55.99	nq	# 96
59) Diethylphthalate	15.46	149	1291186	50.10	nq	100
60) 4-Chlorophenyl-phenylether	15.68	204	640378	49.72	nq	89
61) 4-Nitroaniline	15.71	138	114750	16.74	nq	# 48
62) Azobenzene	15.97	77	998451	47.65	nq	78
64) 4,6-Dinitro-2-methylphenol	15.77	198	274431	52.99	nq	83
65) n-Nitrosodiphenylamine	15.90	169	51438	2.13	nq	96
66) 4-Bromophenyl-phenylether	16.57	248	433333	51.26	nq	93
67) Hexachlorobenzene	16.70	284	452401	50.16	nq	91
68) Atrazine	17.04	200	105266	11.53	nq	# 36
69) Pentachlorophenol	17.04	266	569556	97.13	nq	97
70) Phenanthrene	17.42	178	2021707	45.83	nq	98
71) Anthracene	17.52	178	2038259	45.29	nq	99
73) Di-n-butylphthalate	18.33	149	2255790	47.39	nq	# 94
74) Fluoranthene	19.43	202	2335998	45.04	nq	97
77) Pyrene	19.79	202	1868763	37.57	nq	99
79) Butylbenzylphthalate	20.66	149	995774	50.04	nq	# 83
80) Benzo(a)anthracene	21.61	228	2184587	45.19	nq	99
82) Chrysene	21.68	228	2067513	44.77	nq	99
83) Bis(2-ethylhexyl)phthalate	21.51	149	1511255	50.28	nq	96
84) Di-n-octyl phthalate	22.70	149	2586890	50.43	nq	# 81
85) Indeno(1,2,3-cd)pyrene	28.43	276	1258613	22.07	nq	# 79
87) Benzo(b)fluoranthene	23.80	252	2309310	537.95	nq	# 96
88) Benzo(k)fluoranthene	23.87	252	1868494	448.83	nq	# 93
89) Benzo(a)pyrene	24.66	252	744124	180.73	nq	# 94
90) Dibenzo(a,h)anthracene	28.49	278	2020260	485.50	nq	# 93
91) Benzo(g,h,i)perylene	29.56	276	752955	179.58	nq	# 90

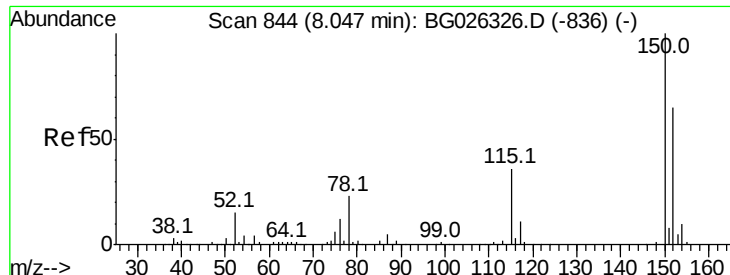
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.01 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

Instrument :

BNA_G

ClientSampleId :

JFC-SOIL-COMPMS

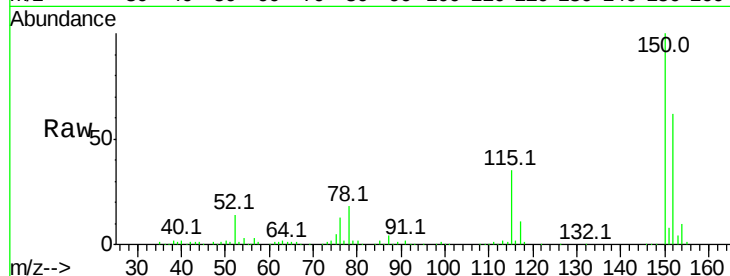
Tot Ion:152 Resp: 133003

Ion Ratio Lower Upper

152 100

150 160.0 114.0 171.0

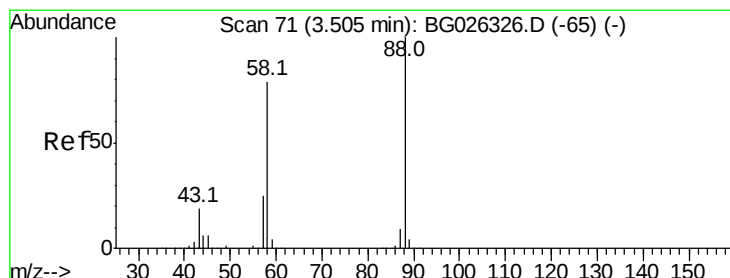
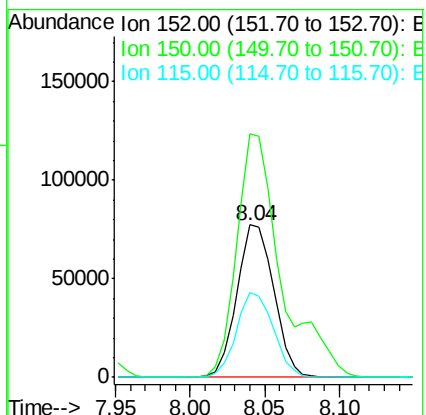
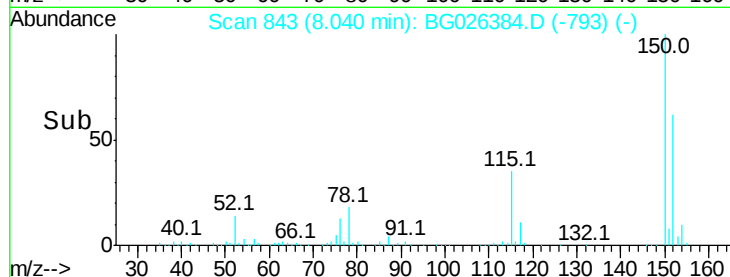
115 55.6 48.1 72.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 34.72 ng

RT: 3.51 min Scan# 72

Delta R.T. 0.00 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

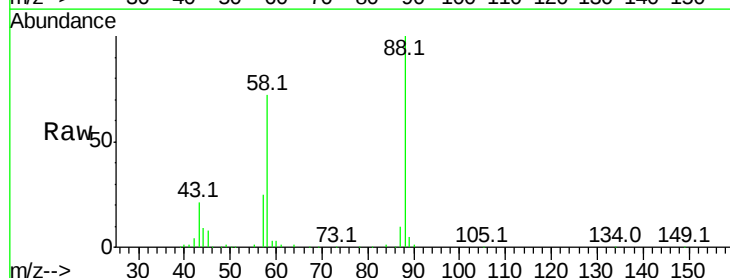
Tgt Ion: 88 Resp: 116770

Ion Ratio Lower Upper

88 100

58 69.6 79.4 119.2#

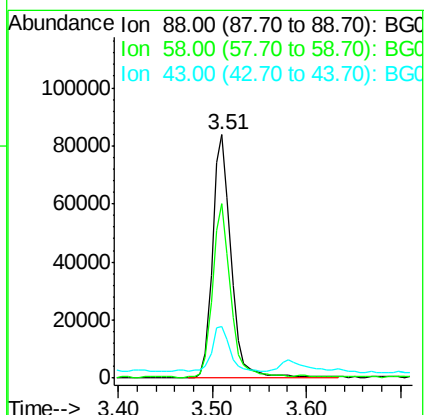
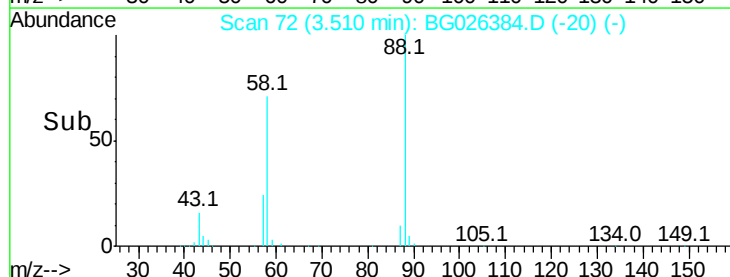
43 17.8 33.8 50.6#



Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 41.28 ng

RT: 3.94 min Scan# 145

Delta R.T. 0.03 min

Lab File: BG026384.D

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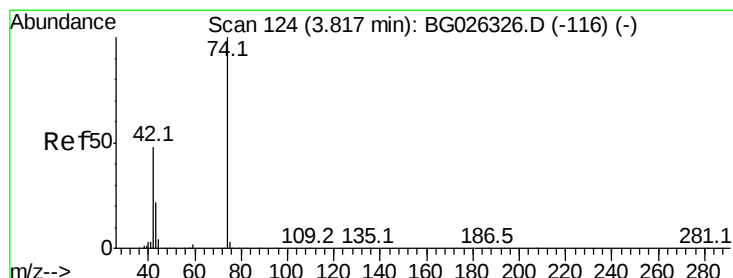
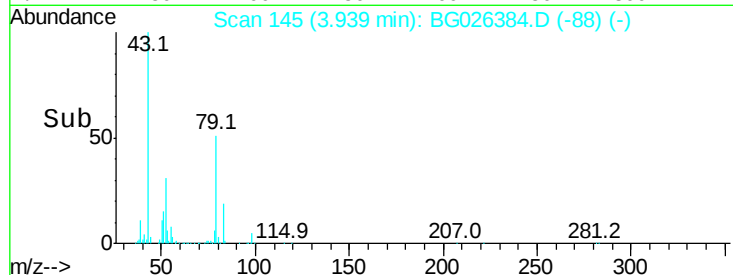
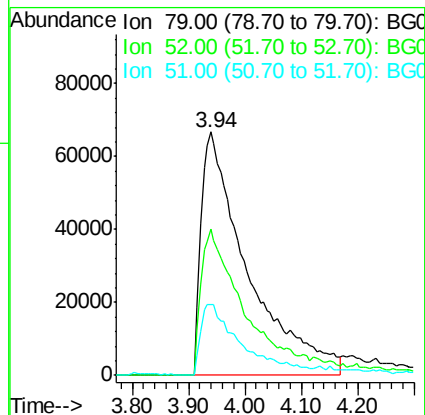
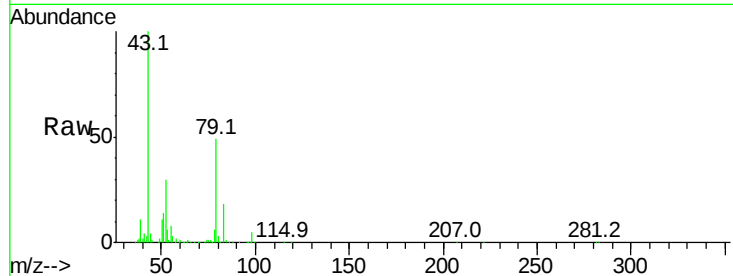
Tot Ion: 79 Resp: 380243

Ion Ratio Lower Upper

79 100

52 60.3 77.8 116.6#

51 29.3 43.2 64.8#



#4

n-Nitrosodimethylamine

Concen: 39.23 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.00 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

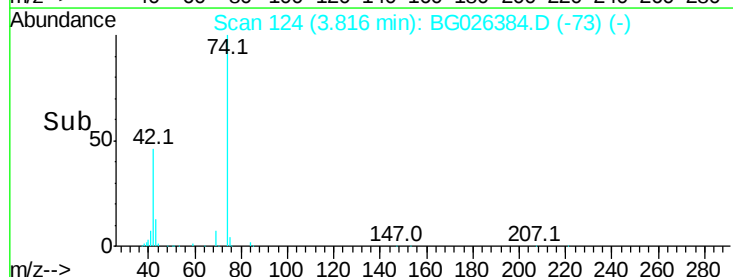
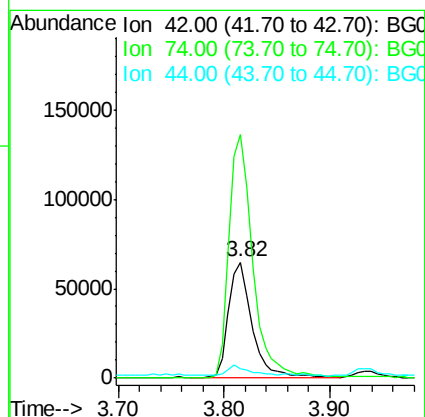
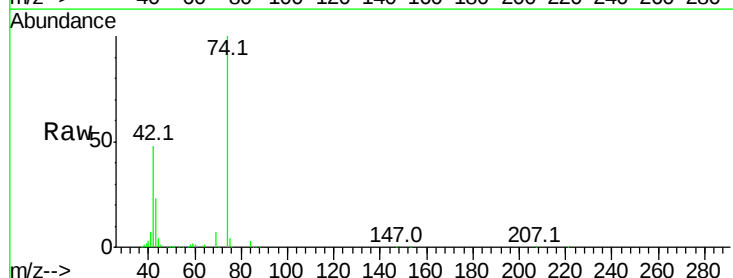
Tgt Ion: 42 Resp: 98779

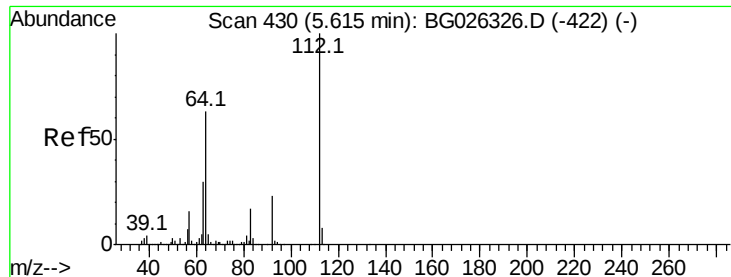
Ion Ratio Lower Upper

42 100

74 209.5 76.7 115.1#

44 8.6 6.1 9.1





#5

2-Fluorophenol

Concen: 139.28 ng

RT: 5.61 min Scan# 430

Delta R.T. -0.00 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

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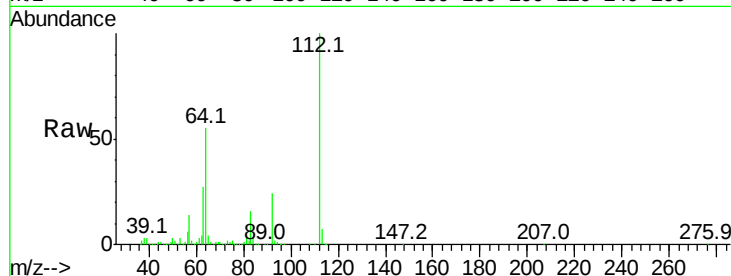
Tot Ion:112 Resp: 1043681

Ion Ratio Lower Upper

112 100

64 55.2 61.8 92.6#

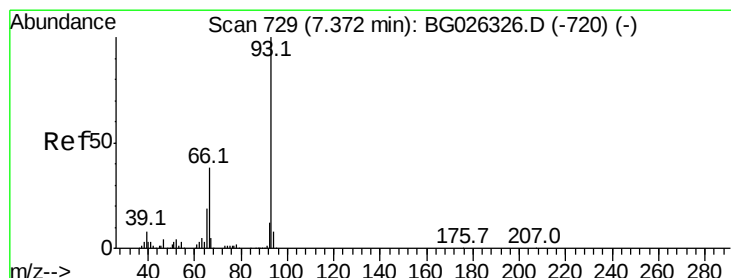
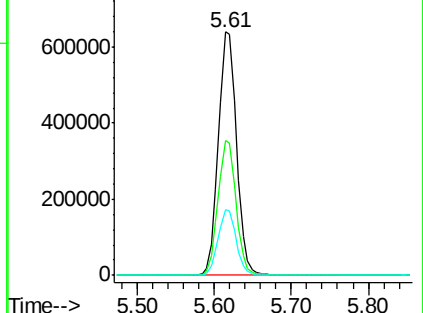
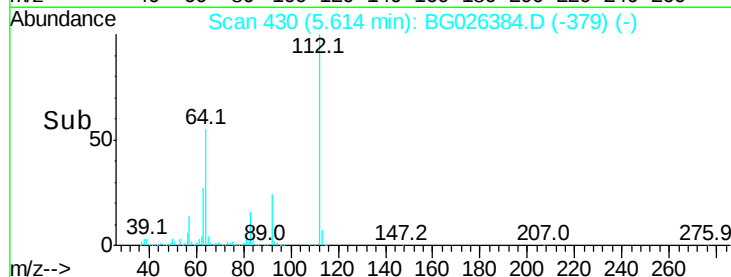
63 27.0 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 2.15 ng

RT: 7.38 min Scan# 731

Delta R.T. 0.01 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

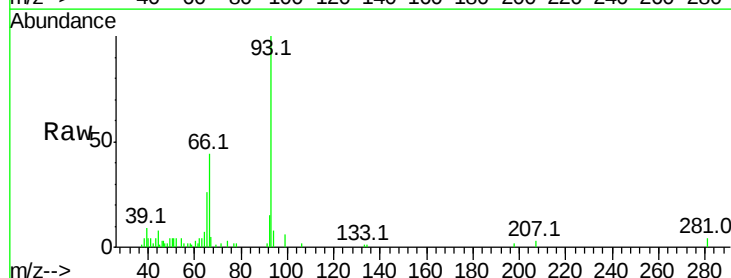
Tgt Ion: 93 Resp: 28923

Ion Ratio Lower Upper

93 100

66 43.5 35.4 53.2

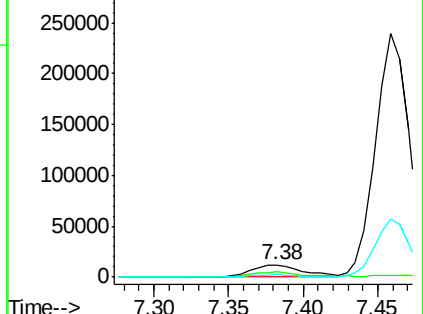
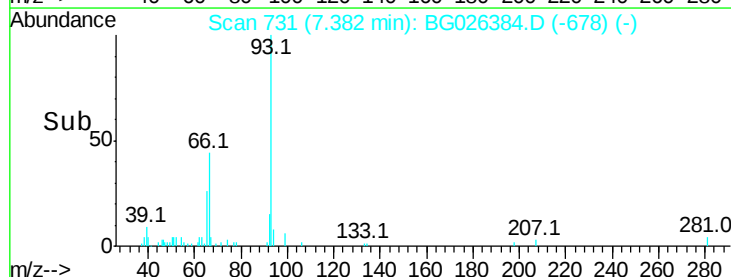
65 25.7 21.2 31.8

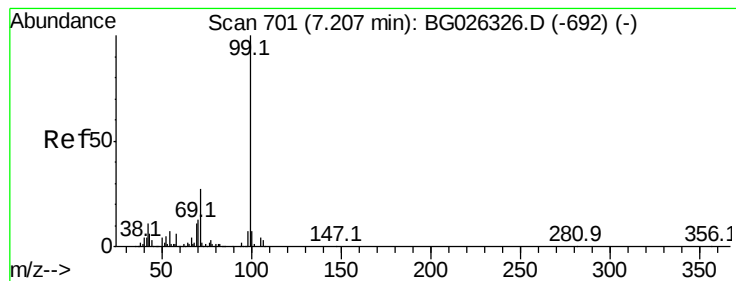


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 128.09 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

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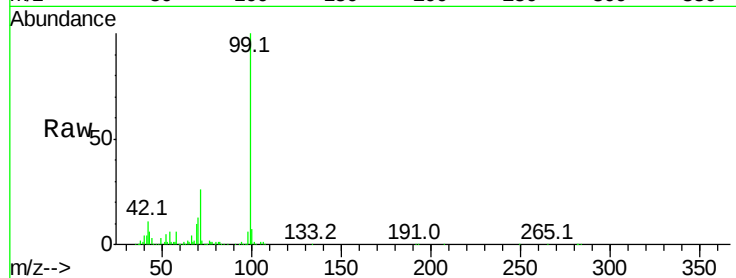
Tot Ion: 99 Resp: 1288609

Ion Ratio Lower Upper

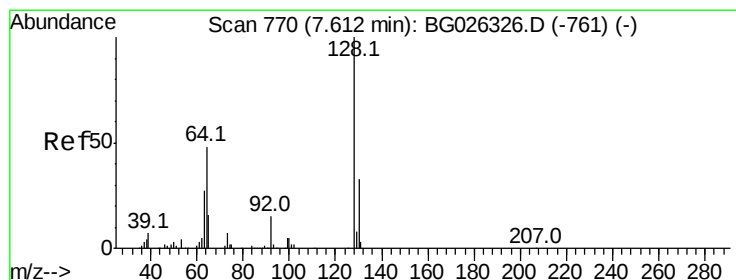
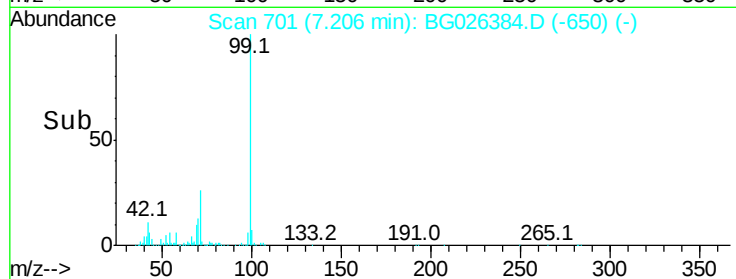
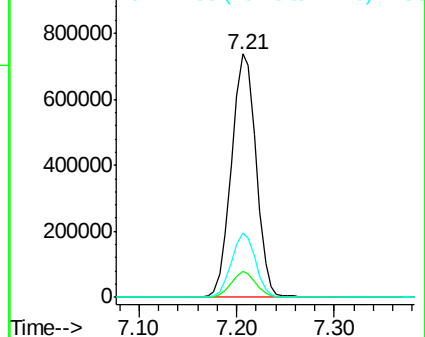
99 100

42 10.5 20.5 30.7#

71 26.3 37.6 56.4#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 48.05 ng

RT: 7.61 min Scan# 770

Delta R.T. -0.00 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

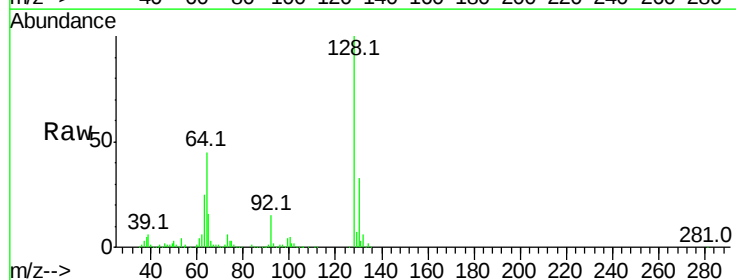
Tgt Ion:128 Resp: 405438

Ion Ratio Lower Upper

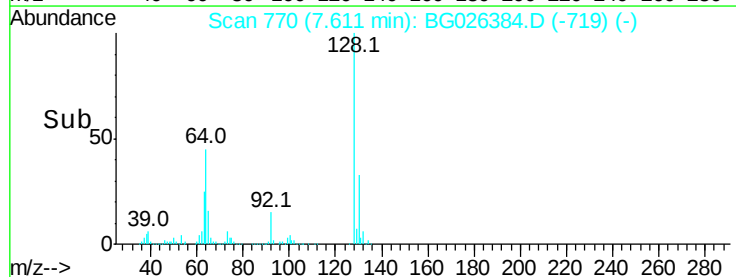
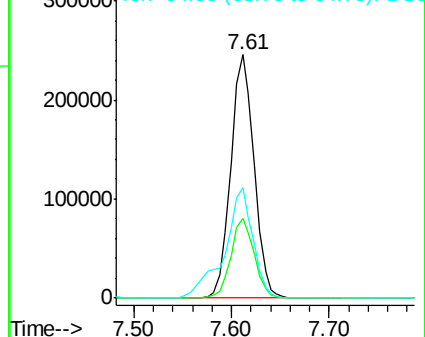
128 100

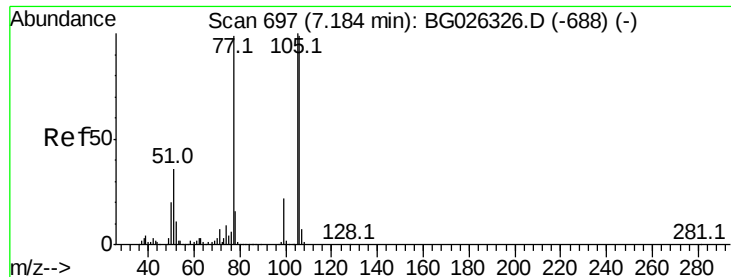
130 32.8 11.4 51.4

64 45.3 46.6 86.6#



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 17.49 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

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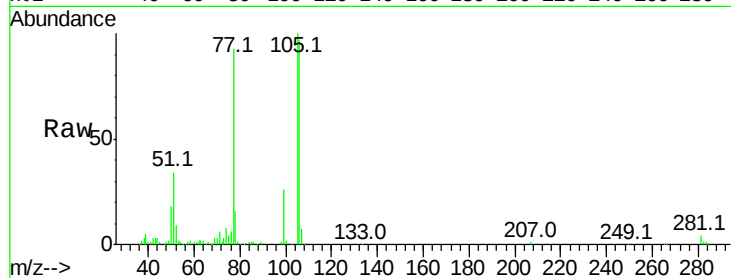
Tot Ion: 77 Resp: 118803

Ion Ratio Lower Upper

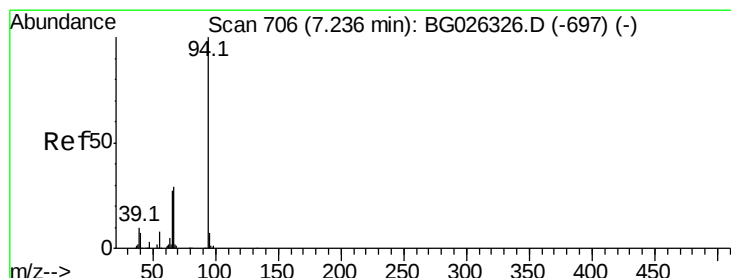
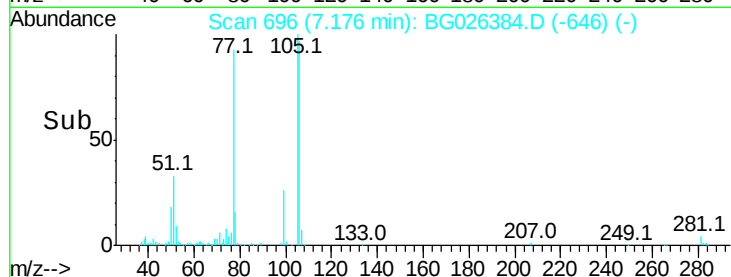
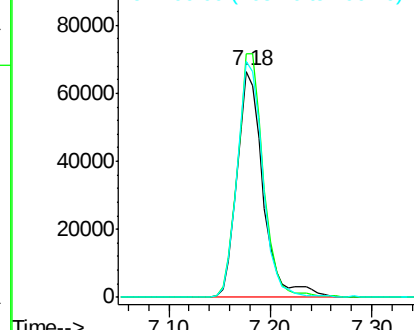
77 100

105 107.8 60.9 100.9#

106 104.5 55.1 95.1#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 42.05 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

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Acq: 22 Mar 2017 20:38

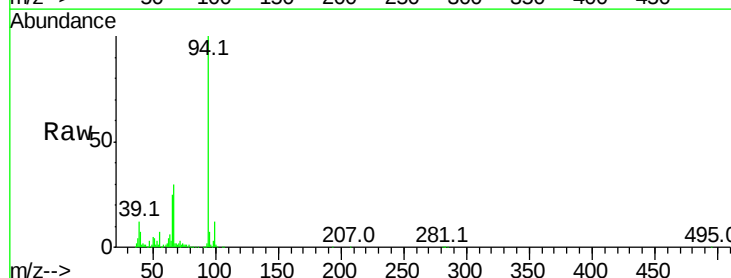
Tgt Ion: 94 Resp: 451400

Ion Ratio Lower Upper

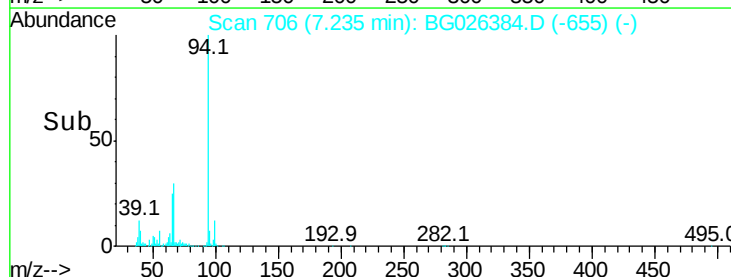
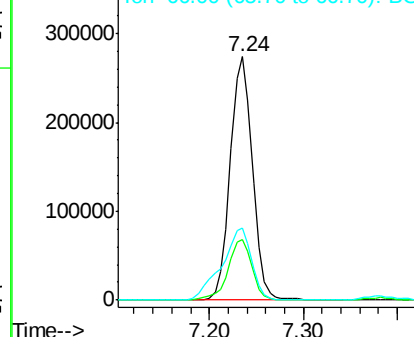
94 100

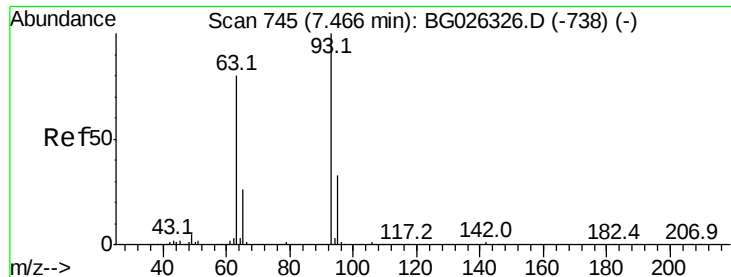
65 25.0 20.6 60.6

66 29.7 35.5 75.5#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

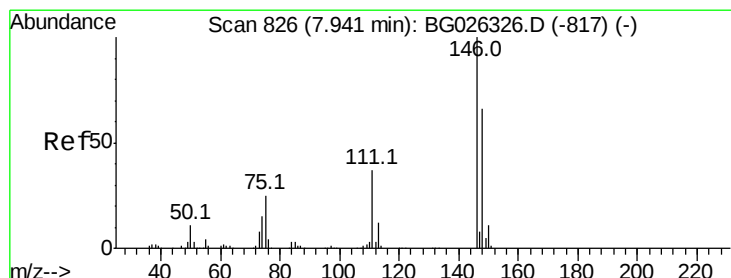
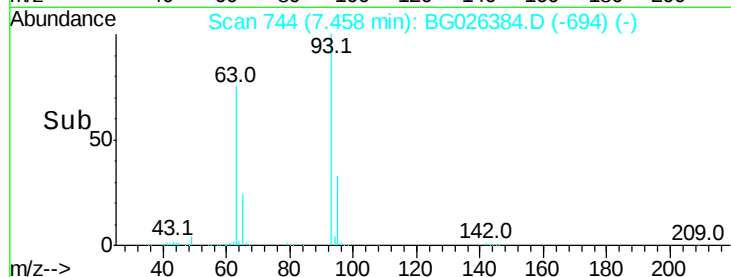
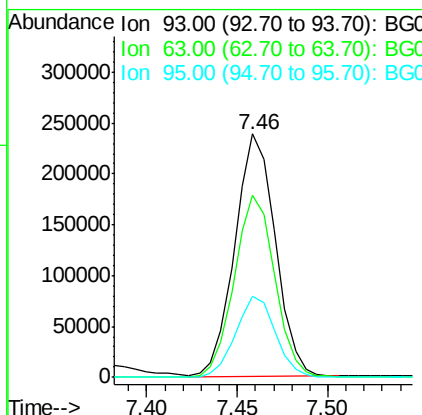
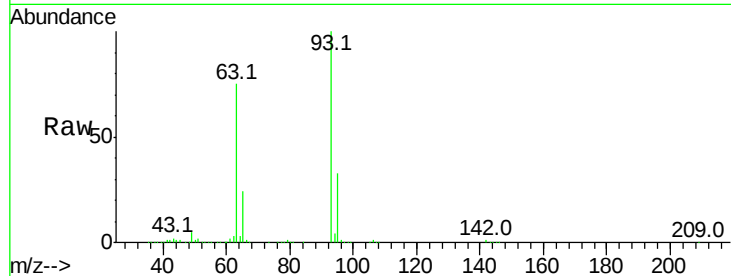




#11
bis(2-Chloroethyl)ether
Concen: 41.83 ng
RT: 7.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

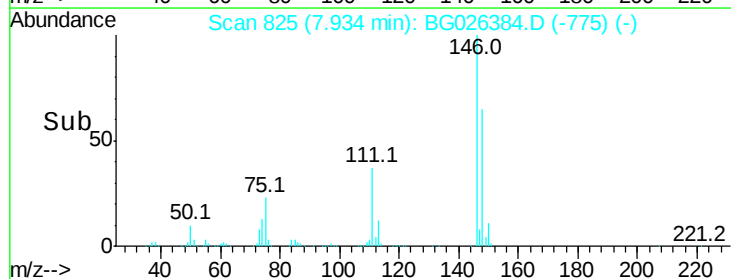
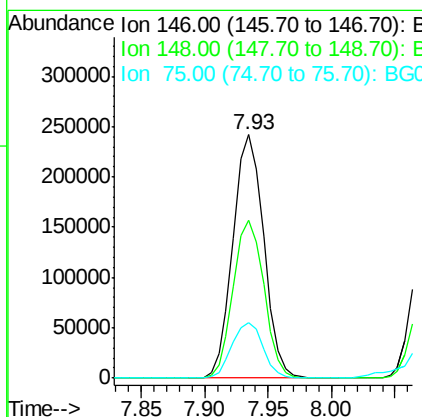
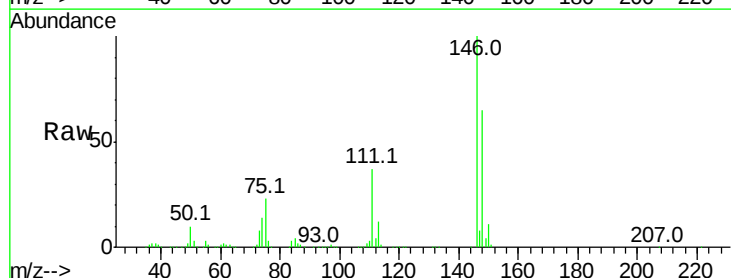
Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMS

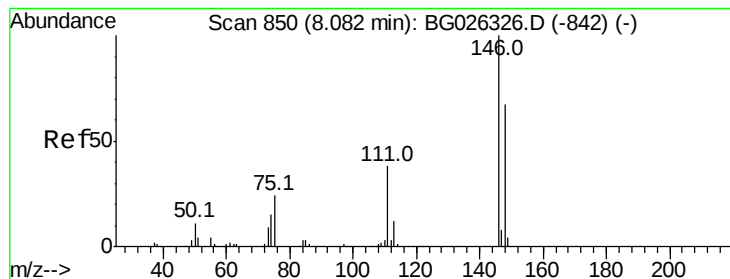
Tot Ion: 93 Resp: 368250
Ion Ratio Lower Upper
93 100
63 74.8 78.5 118.5#
95 33.1 9.8 49.8



#12
1,3-Dichlorobenzene
Concen: 40.64 ng
RT: 7.93 min Scan# 825
Delta R.T. -0.01 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

Tgt Ion: 146 Resp: 408242
Ion Ratio Lower Upper
146 100
148 64.9 49.2 73.8
75 22.9 33.4 50.2#





#13

1,4-Dichlorobenzene

Concen: 41.21 ng

RT: 8.08 min Scan# 850

Delta R.T. -0.00 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

Instrument :

BNA_G

ClientSampleId :

JFC-SOIL-COMPMS

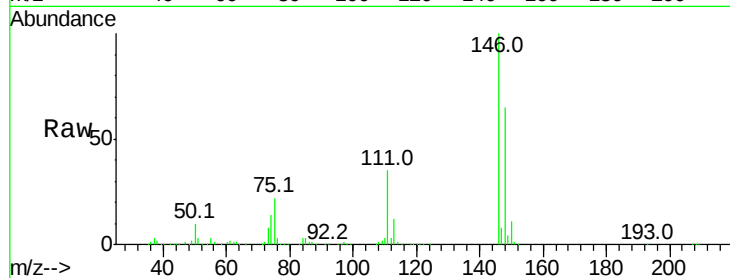
Tot Ion:146 Resp: 418714

Ion Ratio Lower Upper

146 100

148 64.6 52.2 78.2

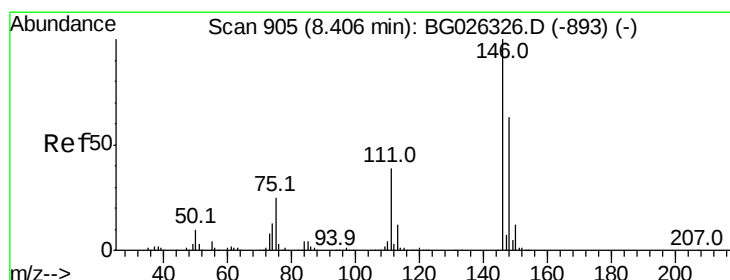
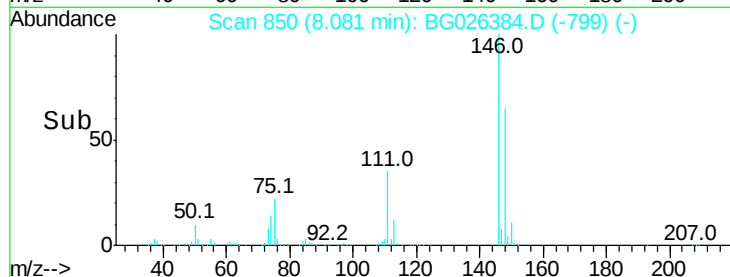
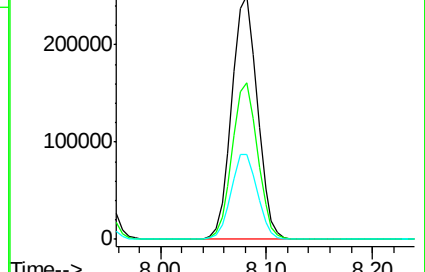
111 34.7 37.0 55.6#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.99 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

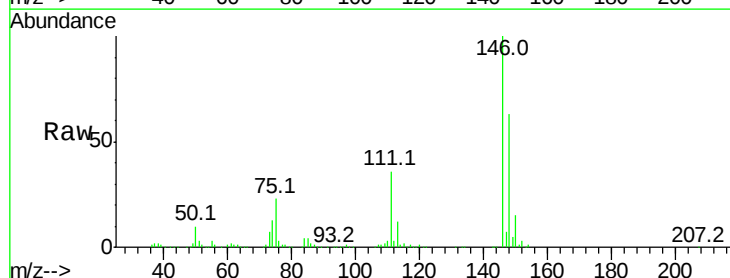
Tgt Ion:146 Resp: 408302

Ion Ratio Lower Upper

146 100

148 63.2 54.6 81.8

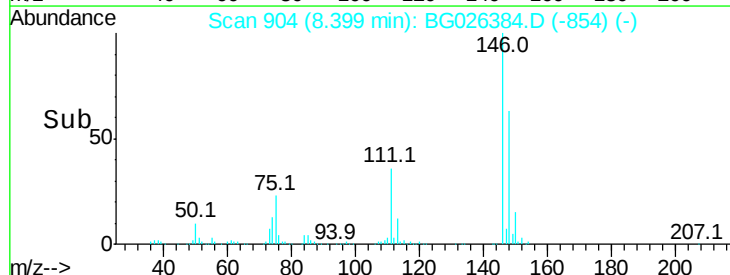
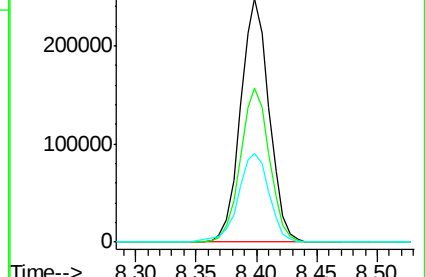
111 36.4 39.7 59.5#

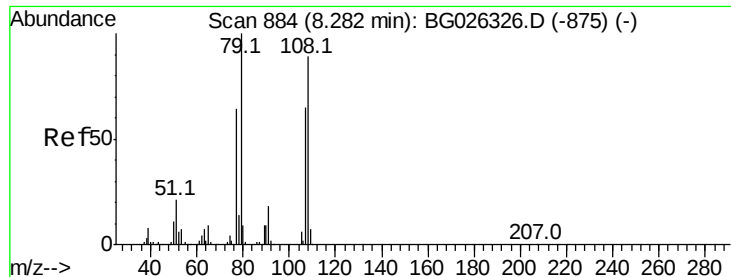


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 10.69 ng

RT: 8.28 min Scan# 884

Delta R.T. -0.00 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

Instrument :

BNA_G

ClientSampleId :

JFC-SOIL-COMPMS

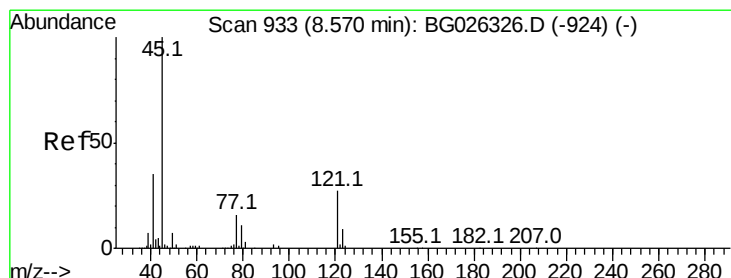
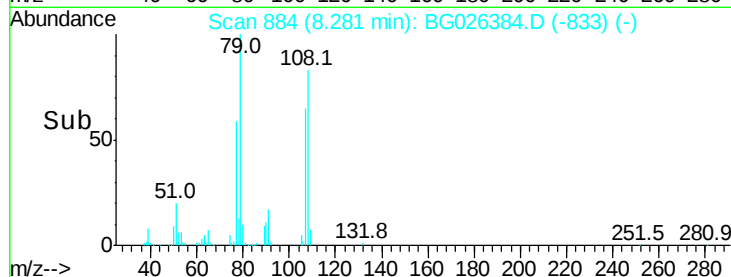
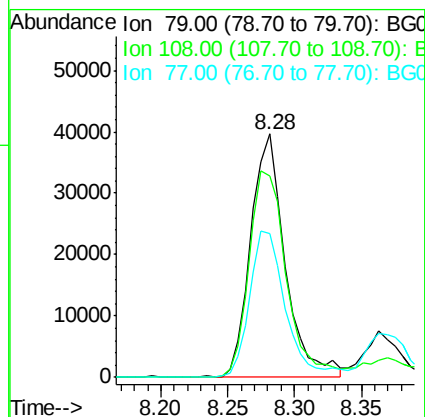
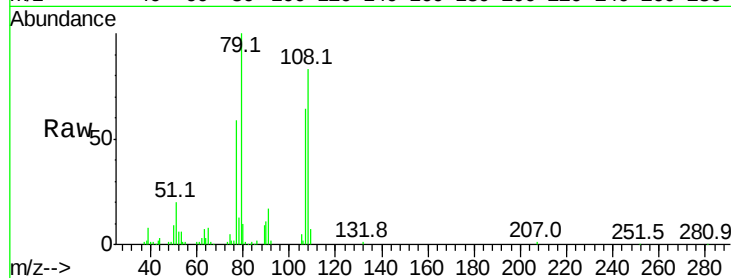
Tot Ion: 79 Resp: 70511

Ion Ratio Lower Upper

79 100

108 82.8 45.5 68.3#

77 59.3 54.3 81.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.45 ng

RT: 8.57 min Scan# 934

Delta R.T. 0.00 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

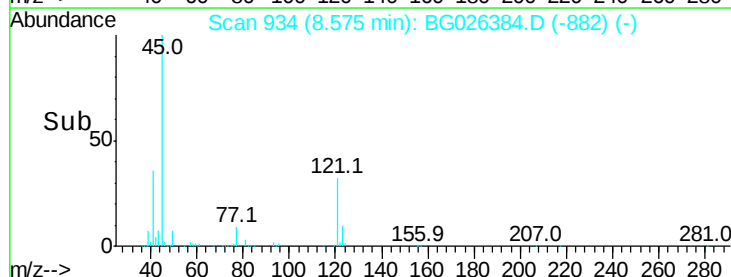
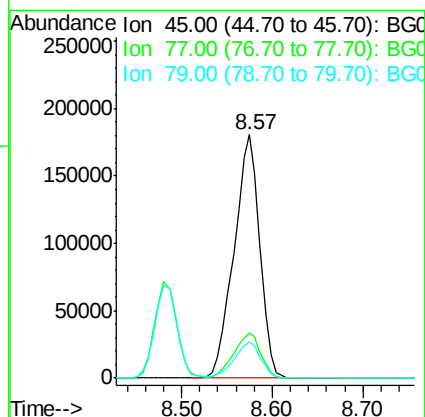
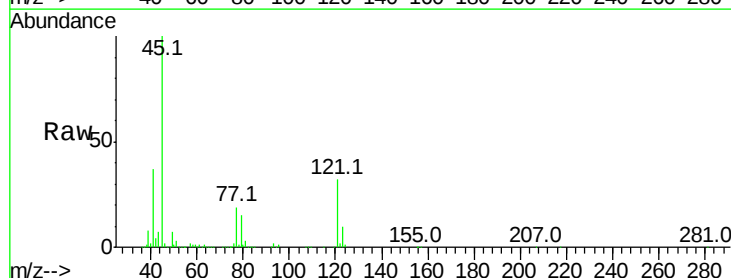
Tgt Ion: 45 Resp: 356302

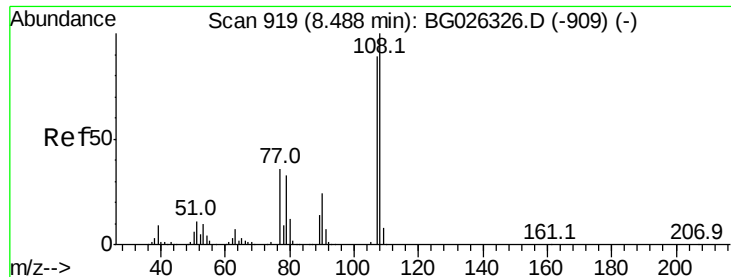
Ion Ratio Lower Upper

45 100

77 18.5 0.0 30.6

79 15.1 0.0 28.5





#17

2-Methylphenol

Concen: 43.24 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.01 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

Instrument :

BNA_G

ClientSampleId :

JFC-SOIL-COMPMS

Tot Ion:107 Resp: 329717

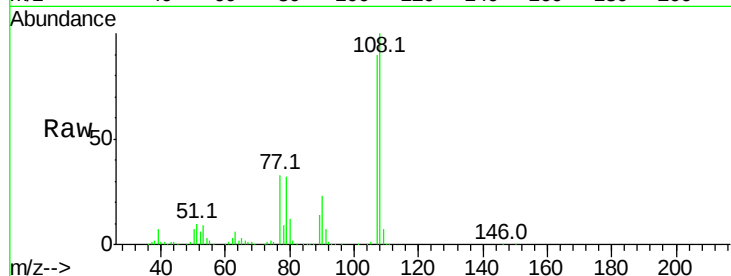
Ion Ratio Lower Upper

107 100

108 111.5 85.6 128.4

77 36.6 51.4 77.2#

79 35.4 49.2 73.8#

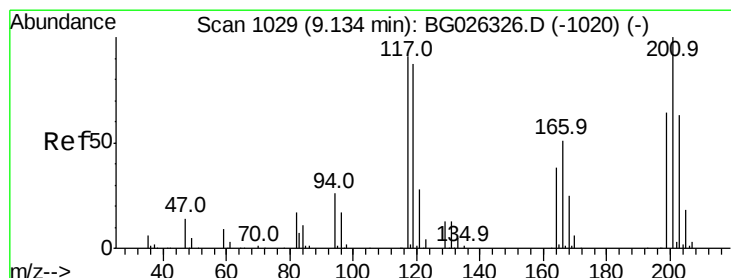
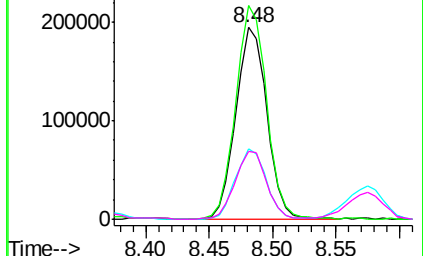
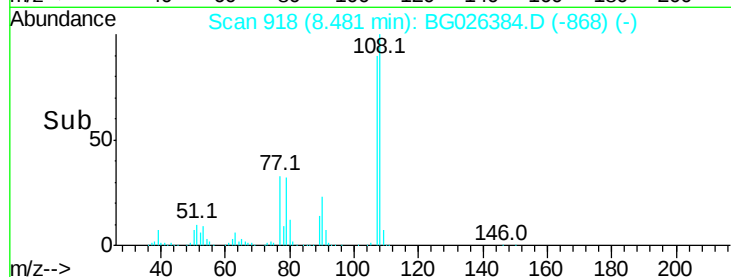


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 39.84 ng

RT: 9.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

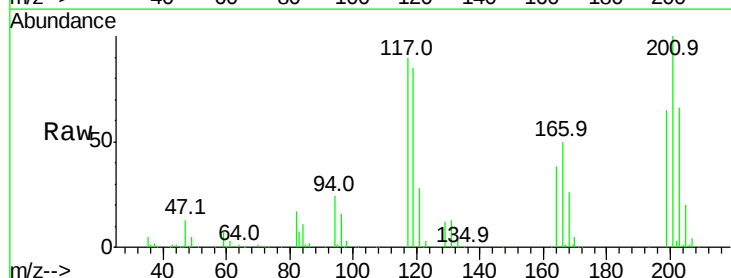
Tgt Ion:117 Resp: 132363

Ion Ratio Lower Upper

117 100

119 94.8 69.8 104.6

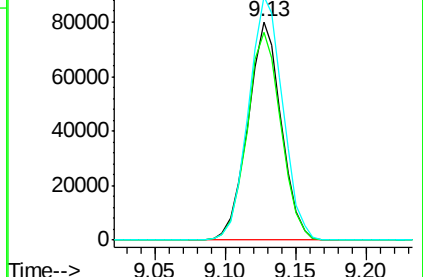
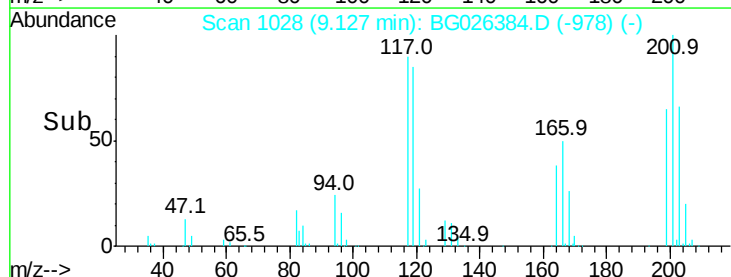
201 111.4 95.4 143.0

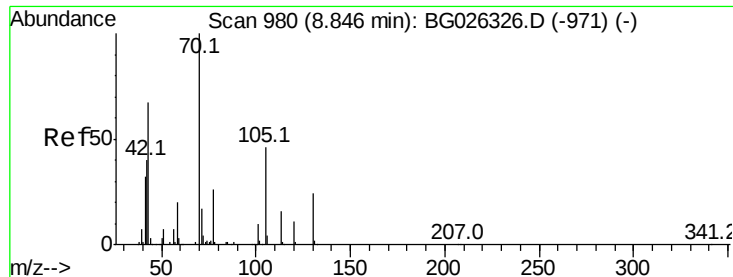


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

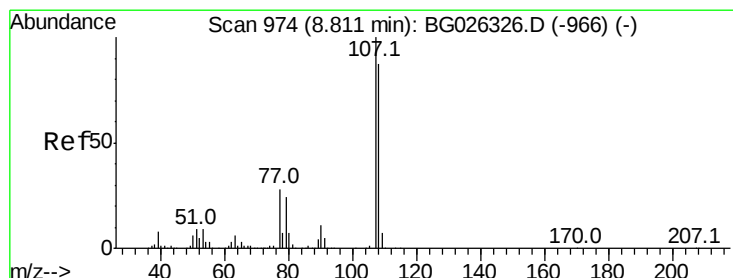
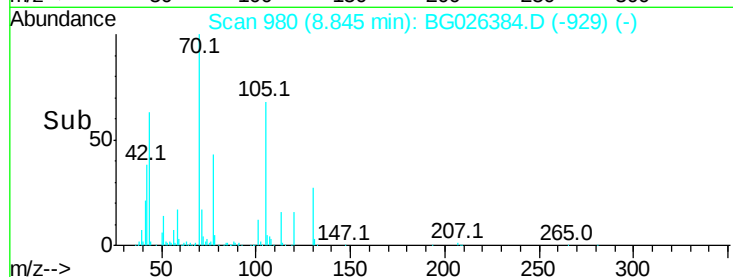
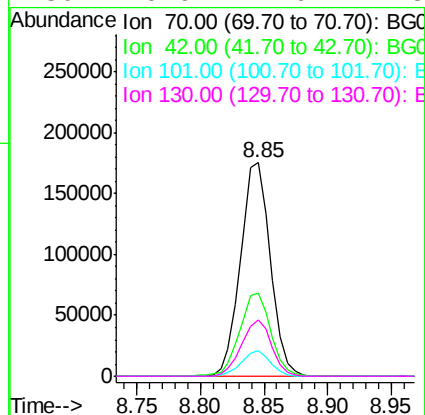
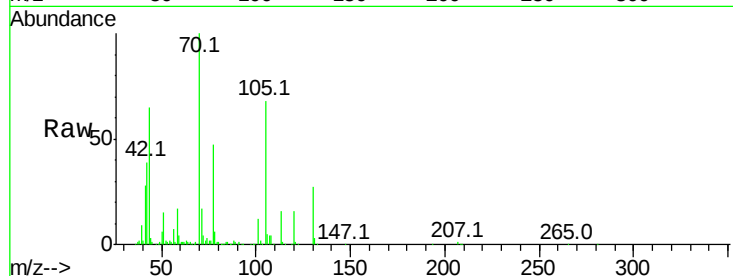




#19
n-Nitroso-di-n-propylamine
Concen: 44.08 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

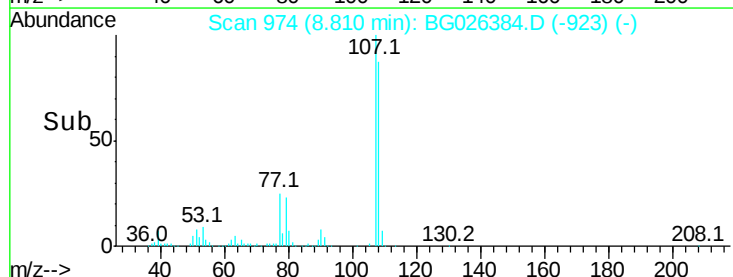
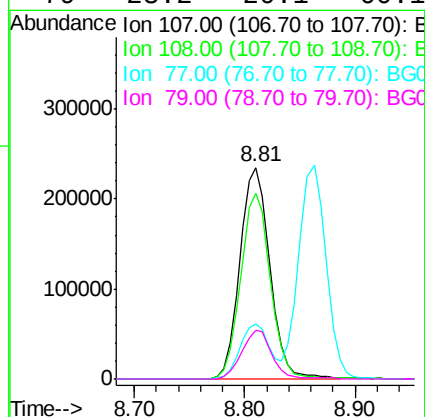
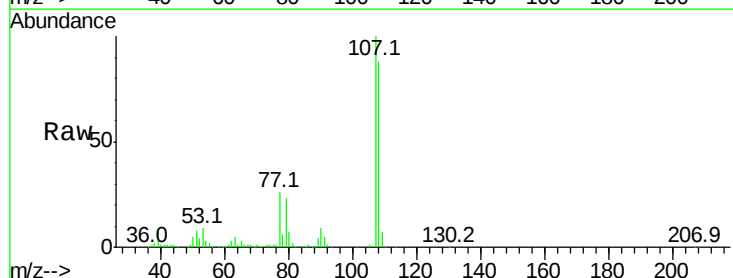
Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMS

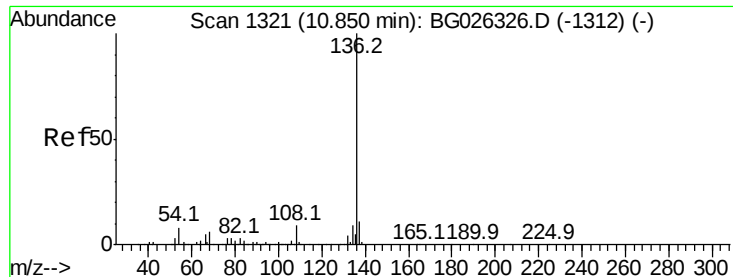
Tot Ion: 70 Resp: 285063
Ion Ratio Lower Upper
70 100
42 38.9 56.1 84.1#
101 12.2 7.5 11.3#
130 26.6 14.6 21.8#



#20
3+4-Methylphenols
Concen: 42.88 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

Tgt Ion:107 Resp: 450086
Ion Ratio Lower Upper
107 100
108 87.9 70.8 110.8
77 25.8 25.8 65.8#
79 23.2 20.1 60.1

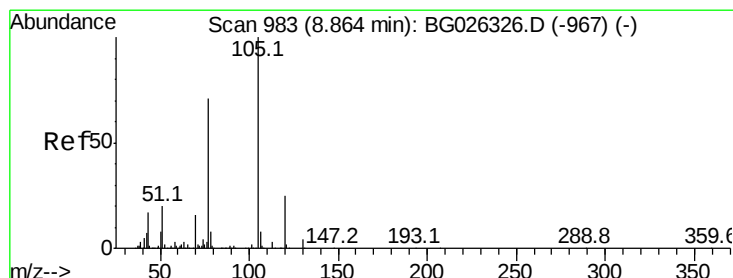
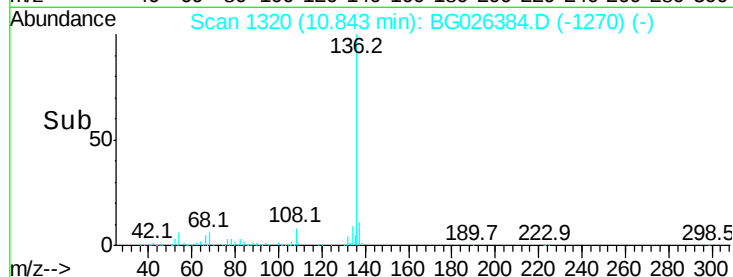
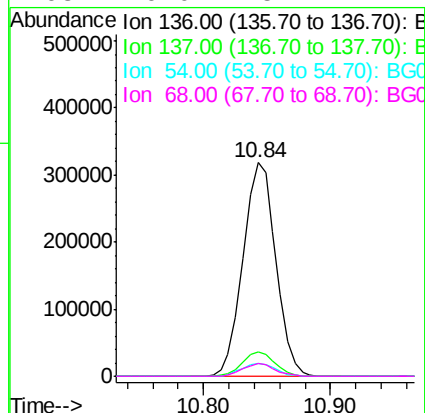
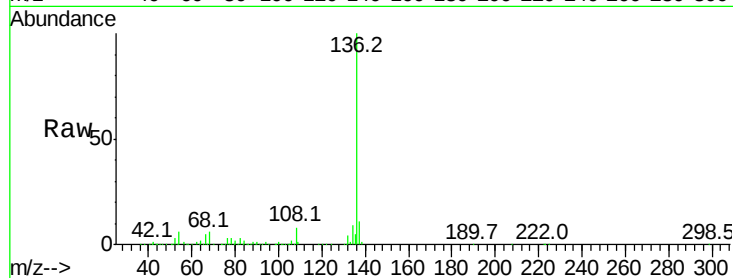




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

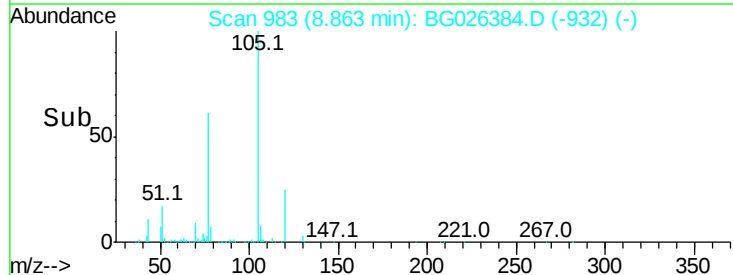
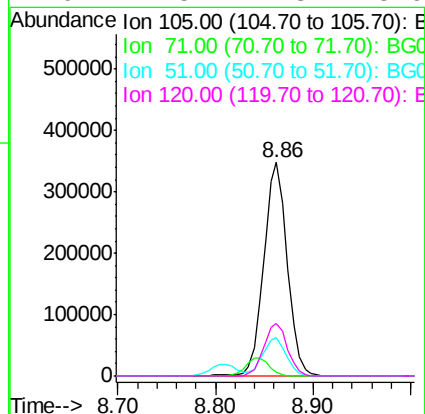
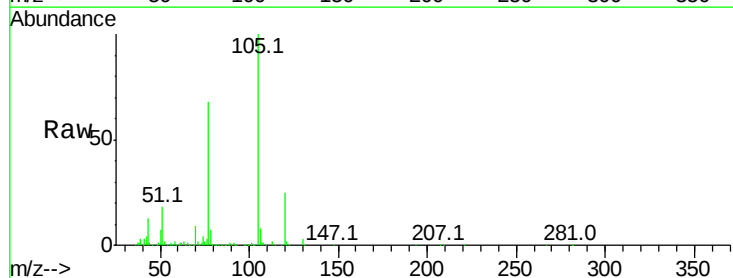
Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMS

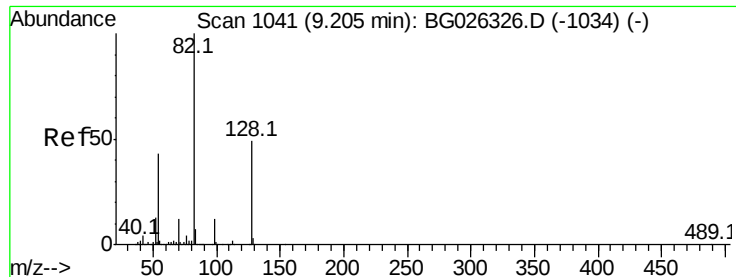
Tot Ion:	136	Resp:	569511
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	6.0	9.3	13.9#
68	6.0	5.1	7.7



#22
Acetophenone
Concen: 44.95 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

Tgt Ion:	105	Resp:	588747
Ion	Ratio	Lower	Upper
105	100		
71	1.6	0.9	1.3#
51	18.2	34.0	51.0#
120	24.5	17.3	25.9

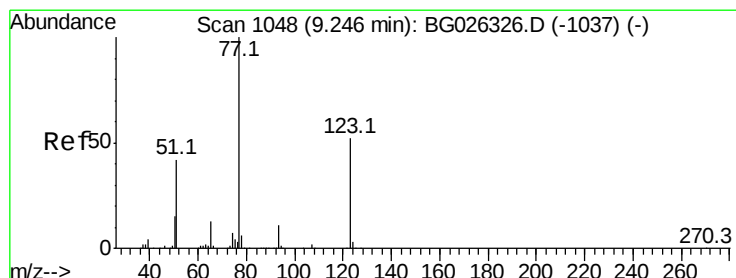
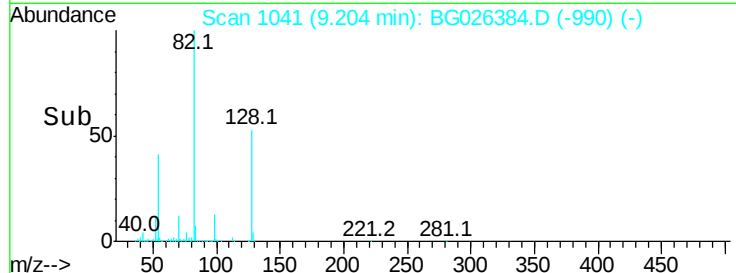
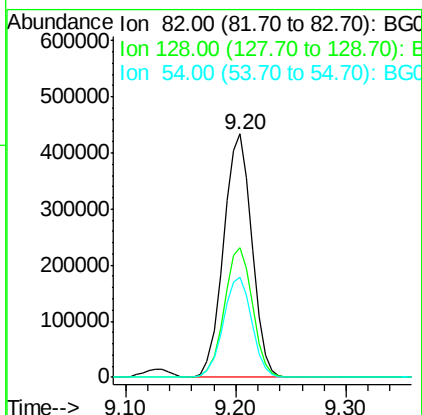
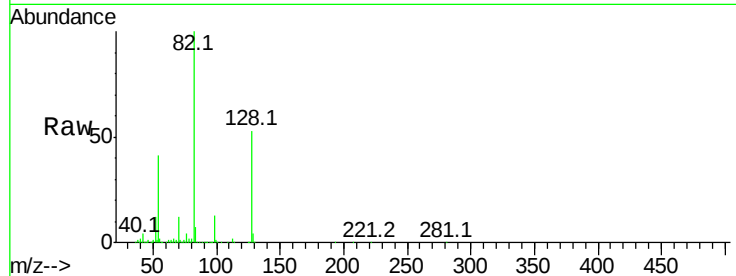




#23
 Nitrobenzene-d5
 Concen: 82.20 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BG026384.D
 Acq: 22 Mar 2017 20:38

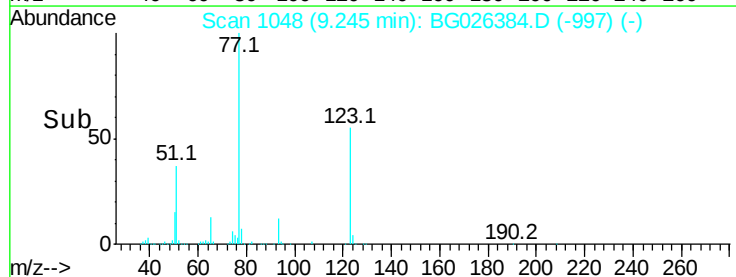
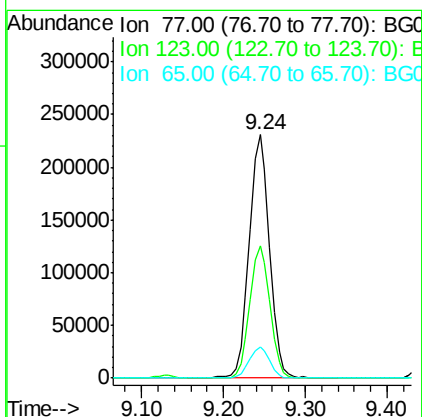
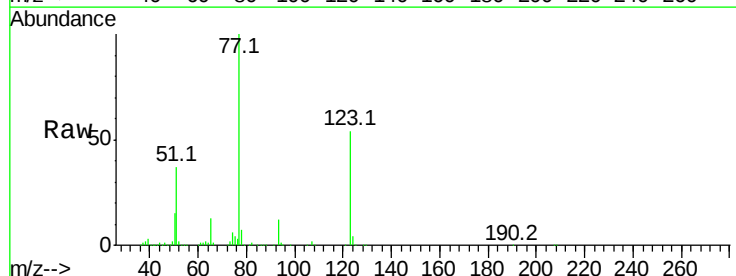
Instrument :
 BNA_G
 ClientSampleId :
 JFC-SOIL-COMPMS

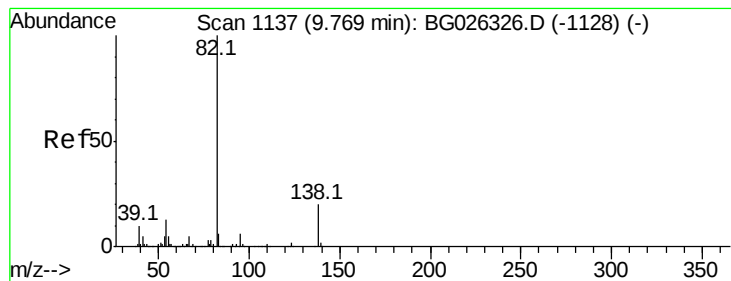
Tot Ion	82	Resp	778600
Ion	Ratio	Lower	Upper
82	100		
128	53.5	26.4	39.6#
54	41.4	49.4	74.2#



#24
 Nitrobenzene
 Concen: 42.67 ng
 RT: 9.24 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BG026384.D
 Acq: 22 Mar 2017 20:38

Tgt Ion	77	Resp	399095
Ion	Ratio	Lower	Upper
77	100		
123	54.5	26.1	39.1#
65	12.5	12.4	18.6





#25

Isophorone

Concen: 45.22 ng

RT: 9.76 min Scan# 1136

Delta R.T. -0.01 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

Instrument :

BNA_G

ClientSampleId :

JFC-SOIL-COMPMS

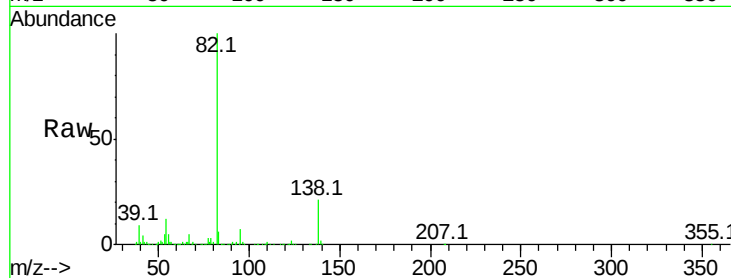
Tot Ion: 82 Resp: 807261

Ion Ratio Lower Upper

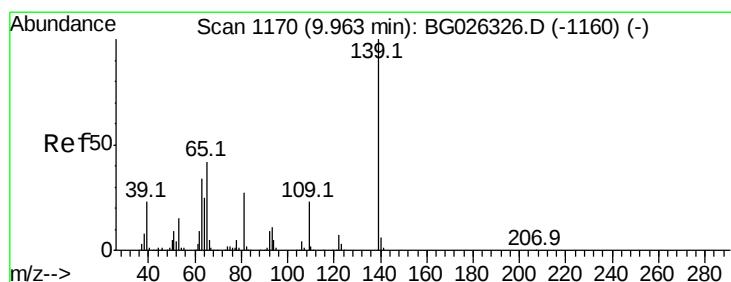
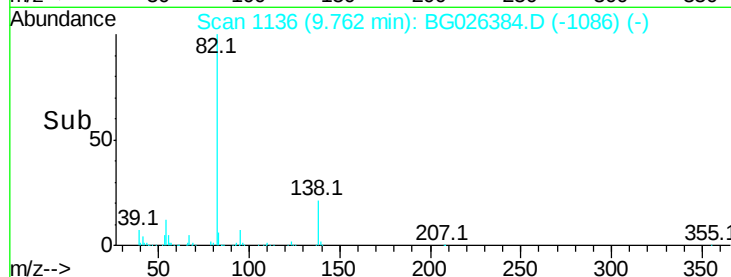
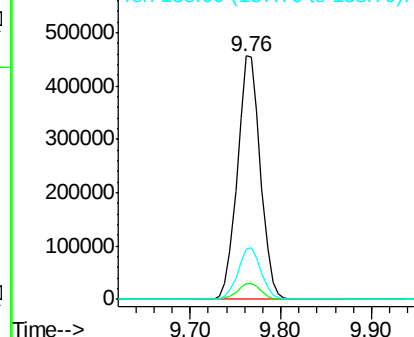
82 100

95 6.7 7.5 11.3#

138 20.5 12.3 18.5#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 49.43 ng

RT: 9.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

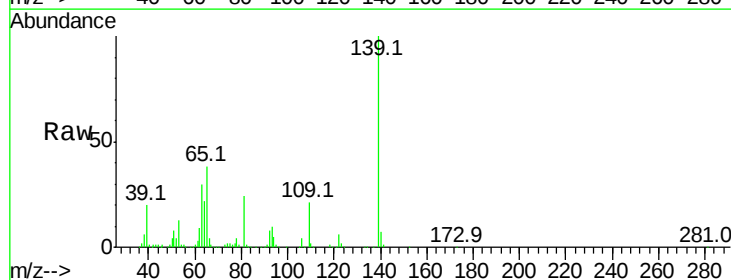
Tgt Ion: 139 Resp: 240530

Ion Ratio Lower Upper

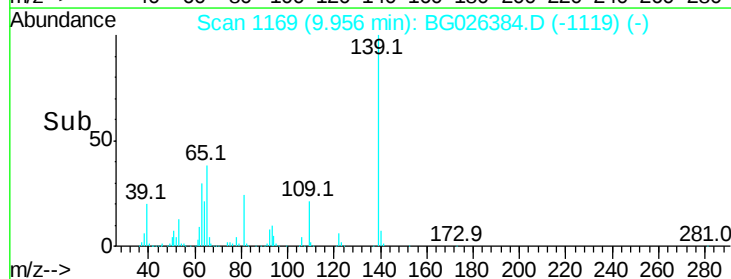
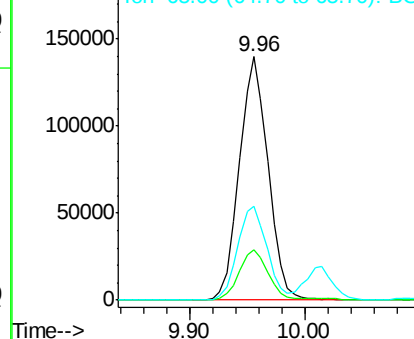
139 100

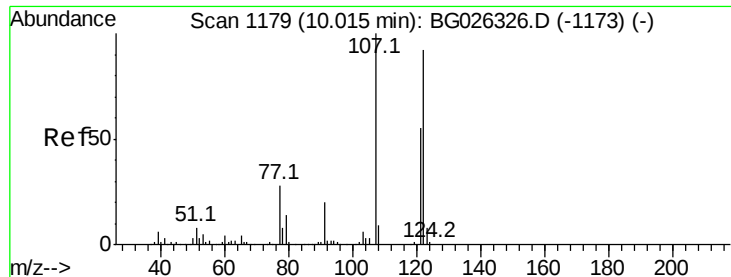
109 20.8 38.6 58.0#

65 38.4 57.1 85.7#



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

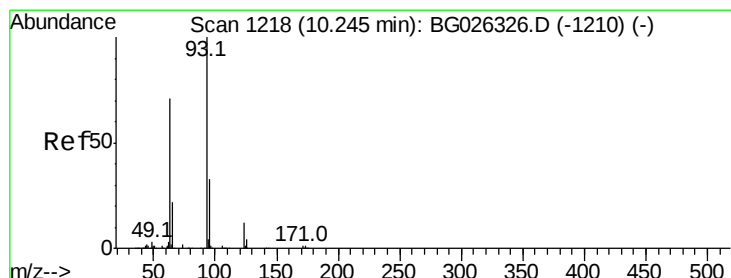
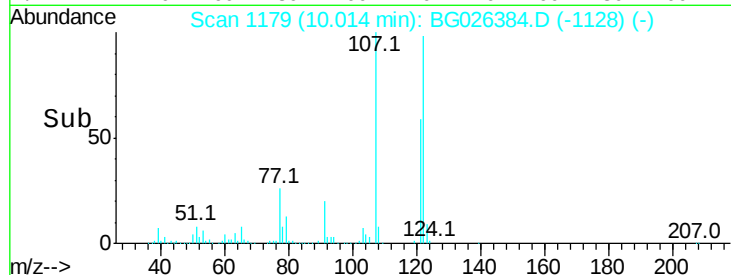
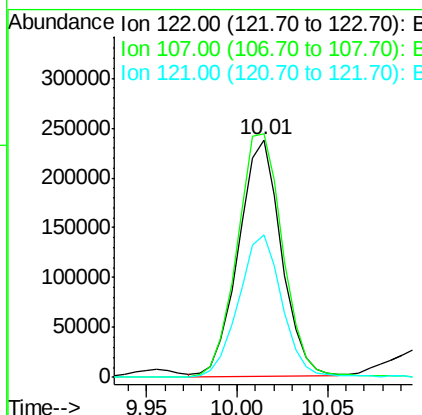
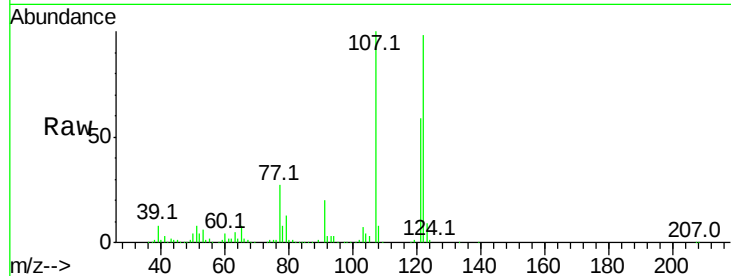




#27
 2,4-Dimethylphenol
 Concen: 48.95 ng
 RT: 10.01 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BG026384.D
 Acq: 22 Mar 2017 20:38

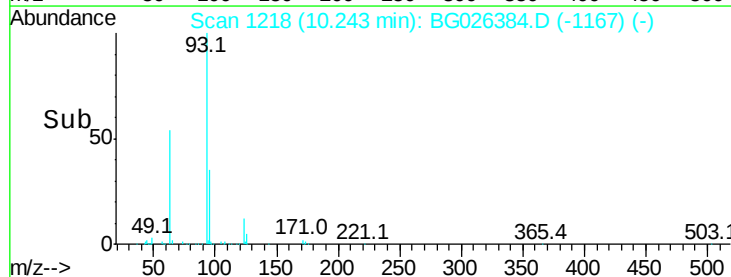
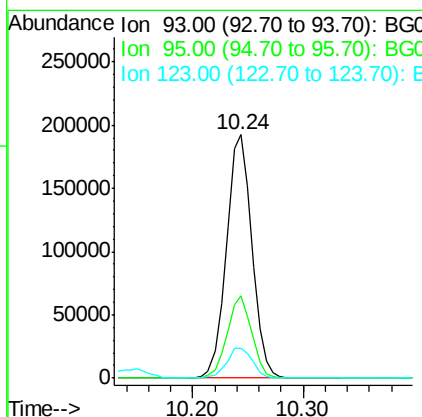
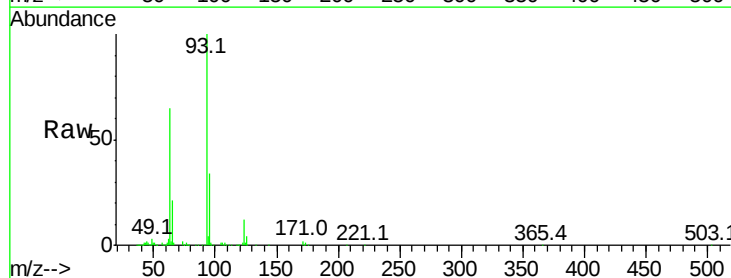
Instrument :
 BNA_G
 ClientSampleId :
 JFC-SOIL-COMPMS

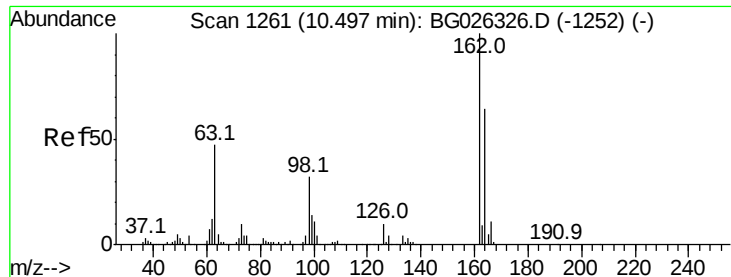
Tot Ion:122 Resp: 391004
 Ion Ratio Lower Upper
 122 100
 107 102.5 104.2 156.4#
 121 60.1 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 26.87 ng
 RT: 10.24 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BG026384.D
 Acq: 22 Mar 2017 20:38

Tgt Ion: 93 Resp: 311580
 Ion Ratio Lower Upper
 93 100
 95 33.7 25.7 38.5
 123 12.4 8.3 12.5

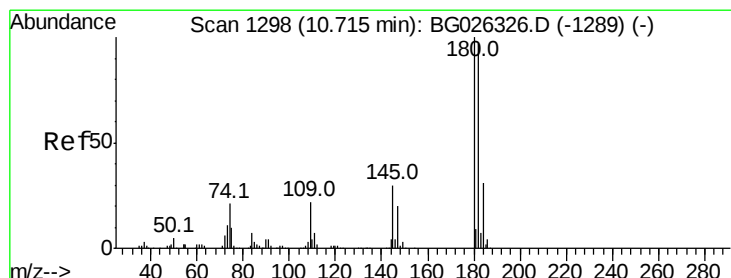
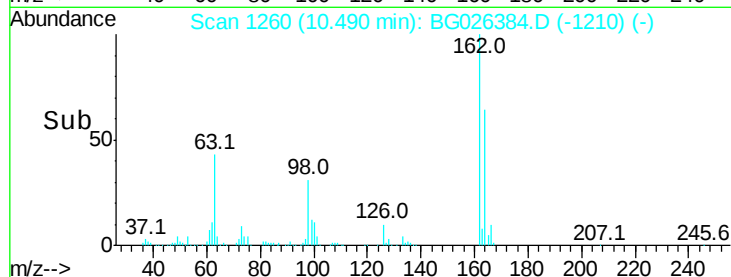
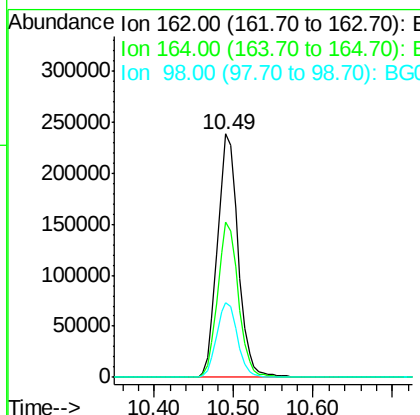
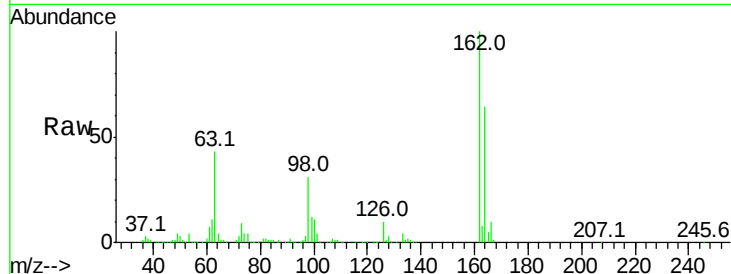




#29
 2,4-Dichlorophenol
 Concen: 53.58 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BG026384.D
 Acq: 22 Mar 2017 20:38

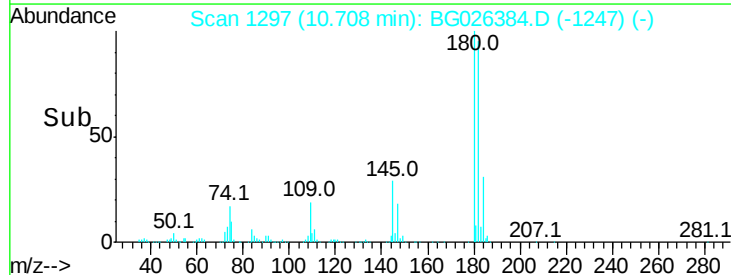
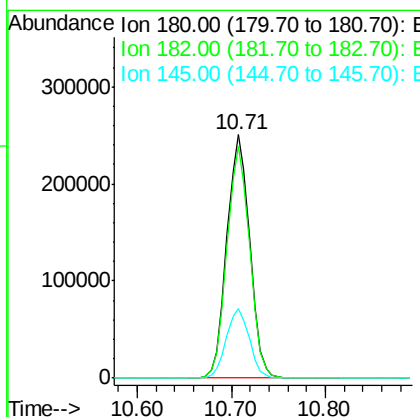
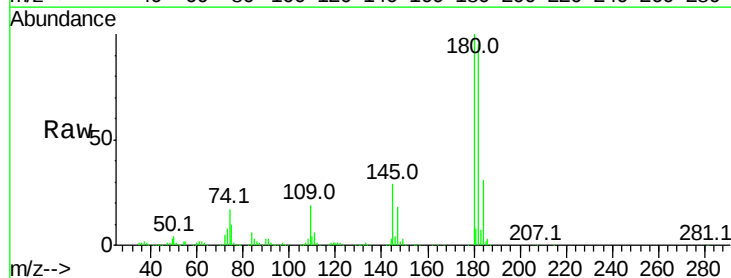
Instrument :
 BNA_G
 ClientSampleId :
 JFC-SOIL-COMPMS

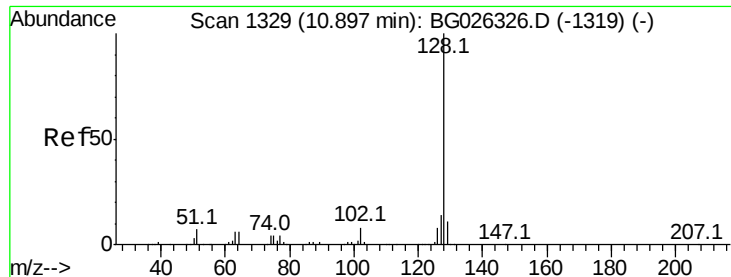
Tot Ion:162 Resp: 432784
 Ion Ratio Lower Upper
 162 100
 164 64.0 42.4 82.4
 98 30.7 20.3 60.3



#30
 1,2,4-Trichlorobenzene
 Concen: 46.58 ng
 RT: 10.71 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BG026384.D
 Acq: 22 Mar 2017 20:38

Tgt Ion:180 Resp: 422653
 Ion Ratio Lower Upper
 180 100
 182 95.1 77.0 115.4
 145 28.7 23.4 35.0

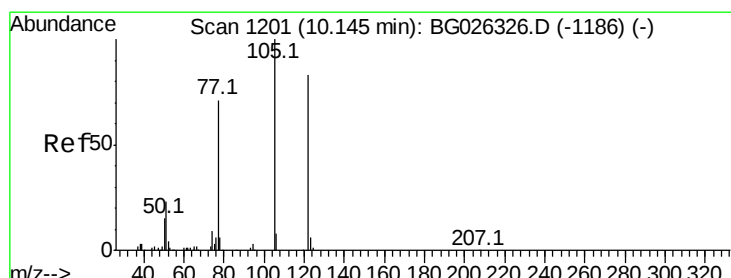
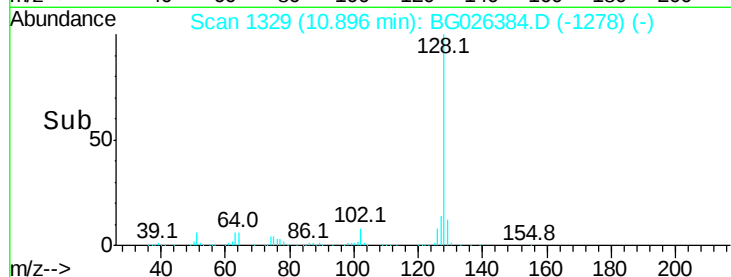
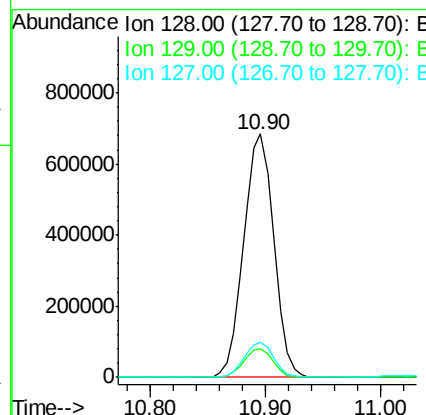
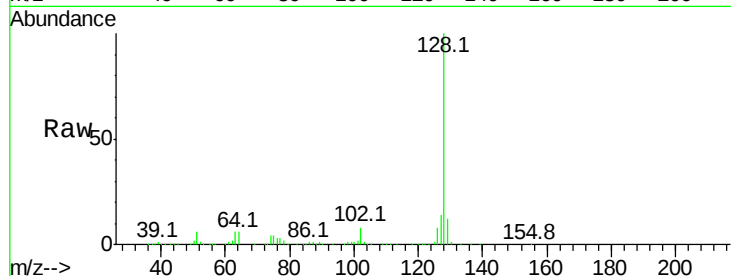




#31
Naphthalene
Concen: 43.03 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

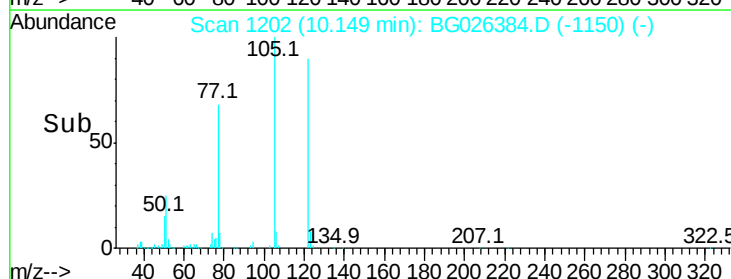
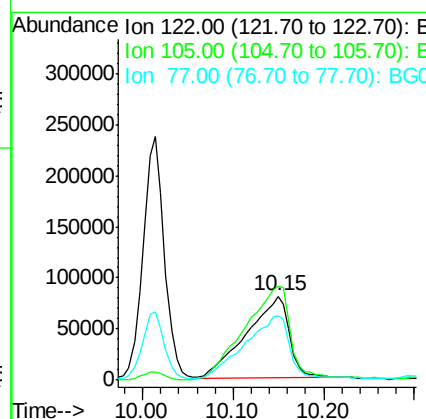
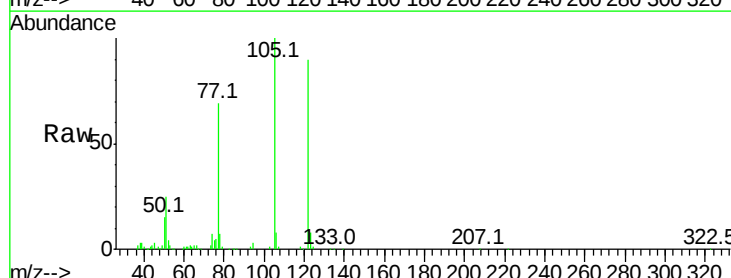
Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMS

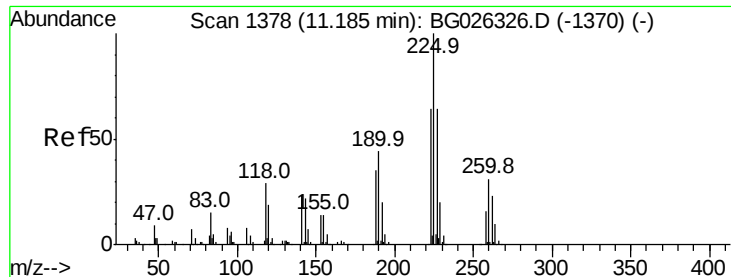
Tot Ion:128 Resp: 1239097
Ion Ratio Lower Upper
128 100
129 11.7 9.3 13.9
127 14.3 11.4 17.0



#32
Benzoic acid
Concen: 43.27 ng
RT: 10.15 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

Tgt Ion:122 Resp: 265936
Ion Ratio Lower Upper
122 100
105 111.6 120.1 160.1#
77 77.4 104.6 144.6#

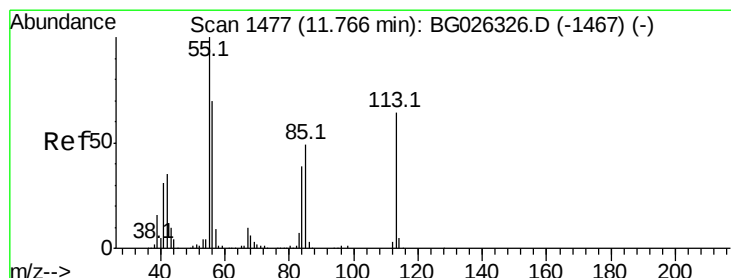
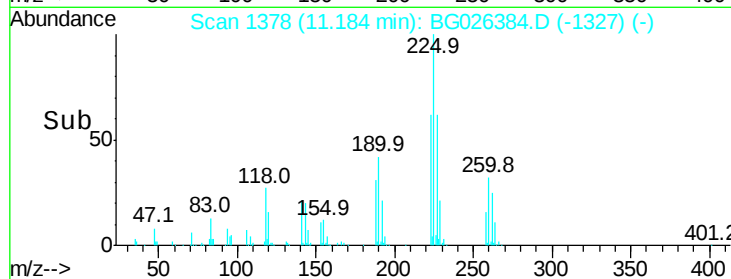
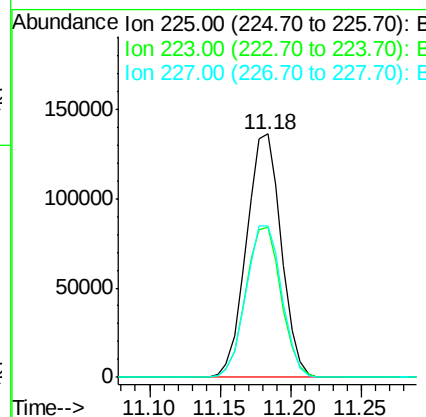
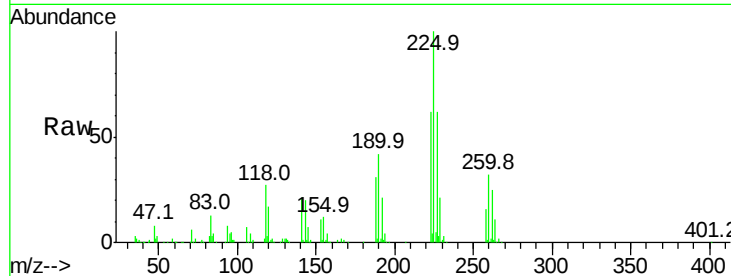




#34
Hexachlorobutadiene
Concen: 43.92 ng
RT: 11.18 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

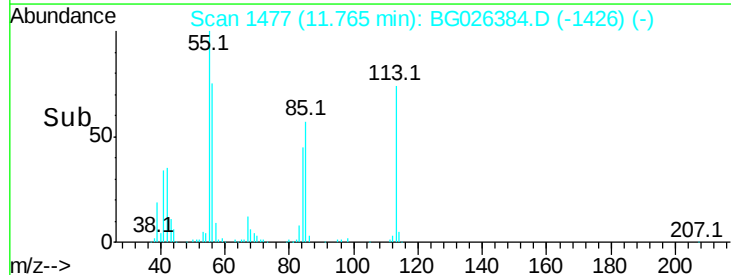
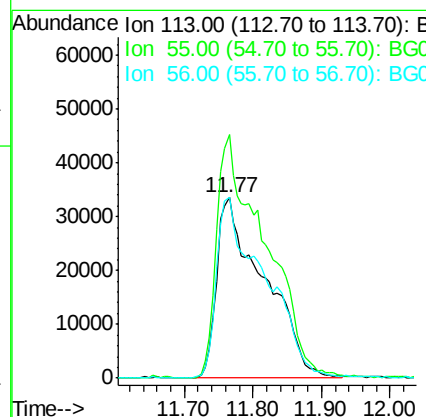
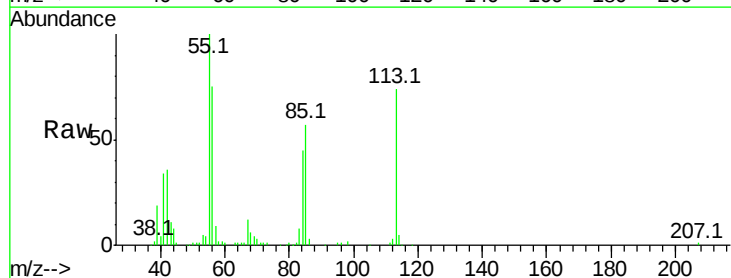
Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMS

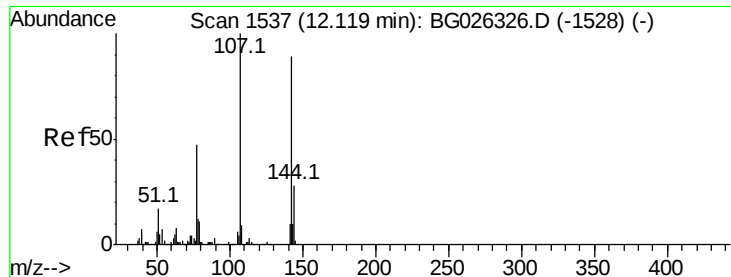
Tot Ion:	225	Resp:	235149
Ion	Ratio	Lower	Upper
225	100		
223	61.6	50.7	76.1
227	62.4	49.0	73.6



#35
Caprolactam
Concen: 50.21 ng
RT: 11.77 min Scan# 1477
Delta R.T. -0.00 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

Tgt Ion:	113	Resp:	159826
Ion	Ratio	Lower	Upper
113	100		
55	134.7	198.6	238.6#
56	100.4	140.4	180.4#

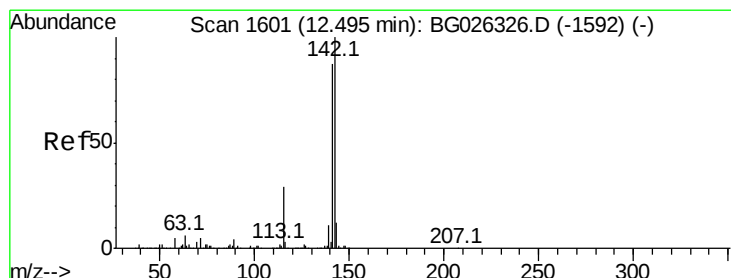
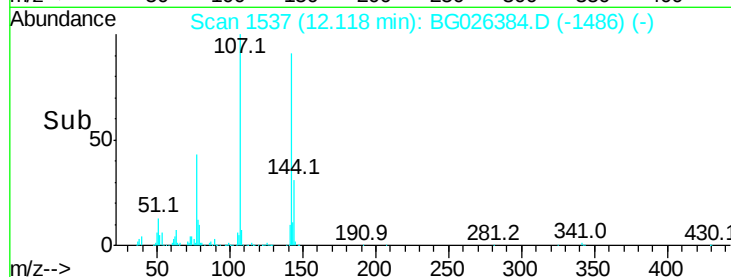
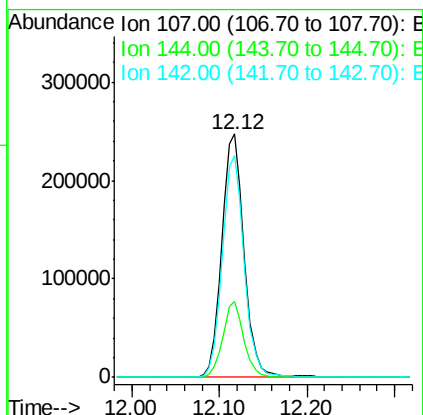
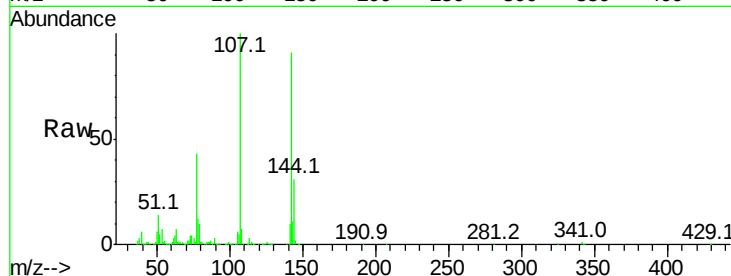




#36
4-Chloro-3-methylphenol
Concen: 50.33 ng
RT: 12.12 min Scan# 1537
Delta R.T. -0.00 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

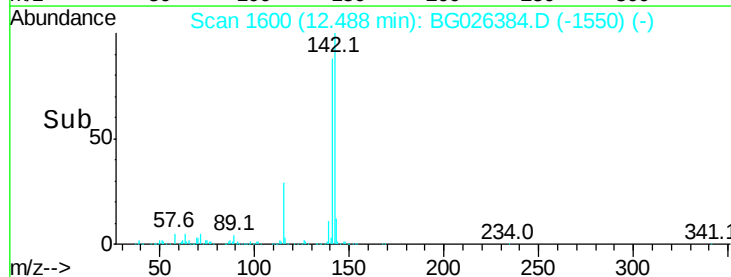
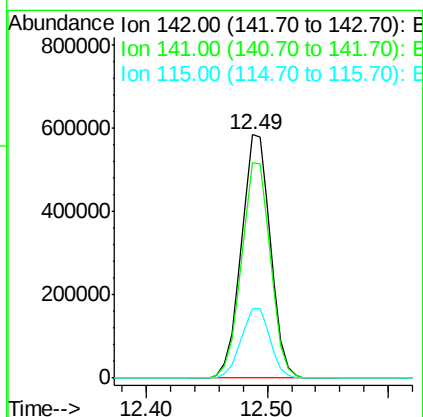
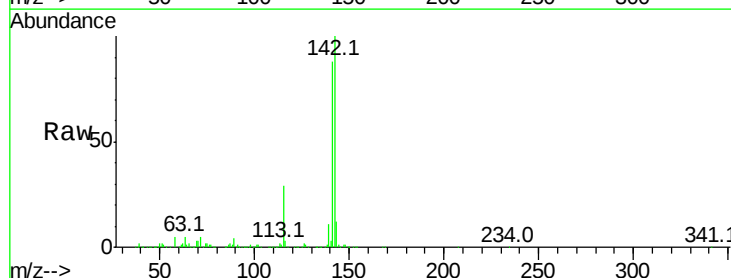
Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMS

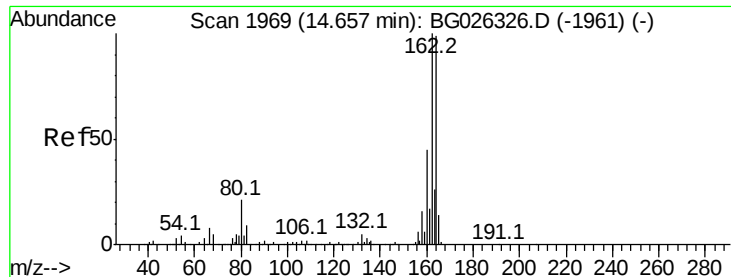
Tot Ion:107 Resp: 434913
Ion Ratio Lower Upper
107 100
144 31.0 17.4 26.0#
142 90.9 54.1 81.1#



#37
2-Methylnaphthalene
Concen: 46.69 ng
RT: 12.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

Tgt Ion:142 Resp: 984797
Ion Ratio Lower Upper
142 100
141 88.3 70.4 105.6
115 28.6 35.5 53.3#

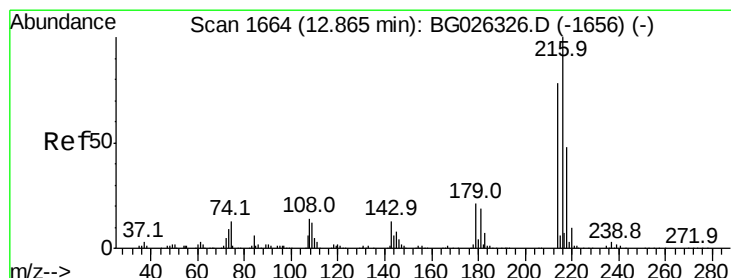
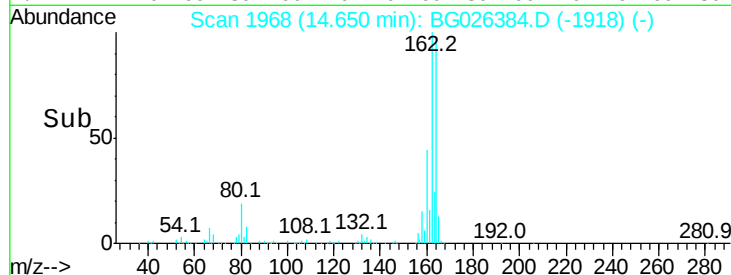
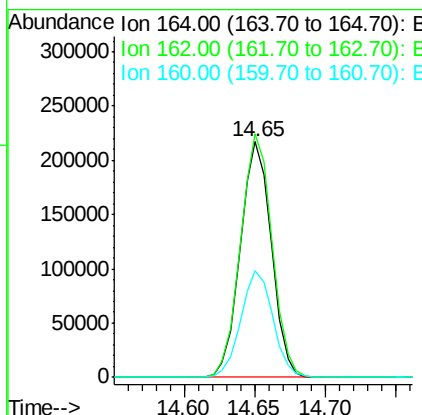
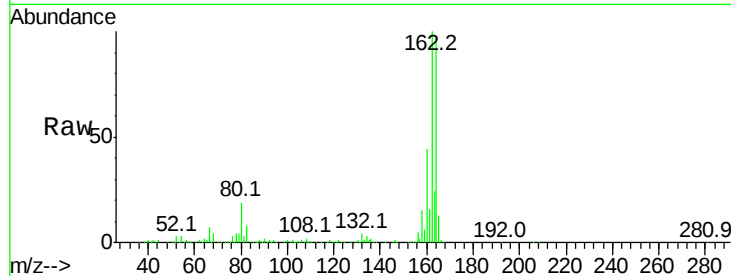




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

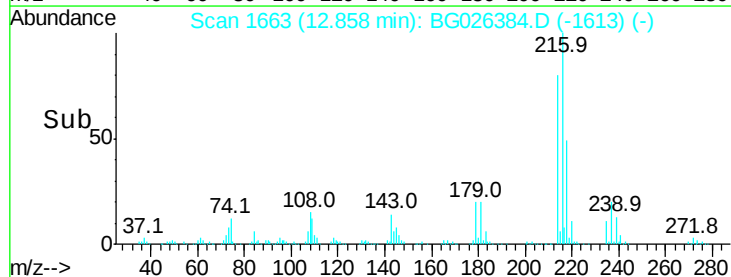
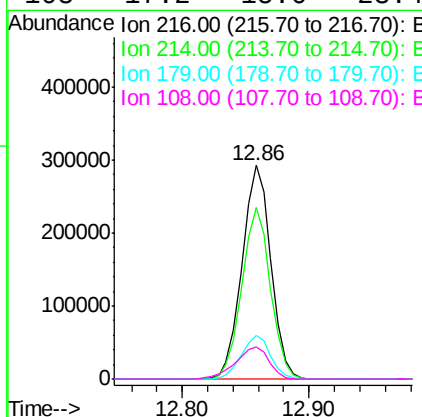
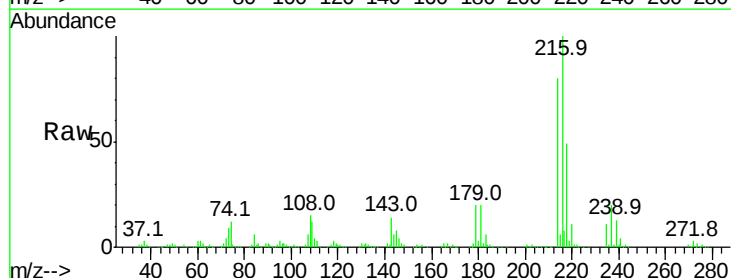
Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMS

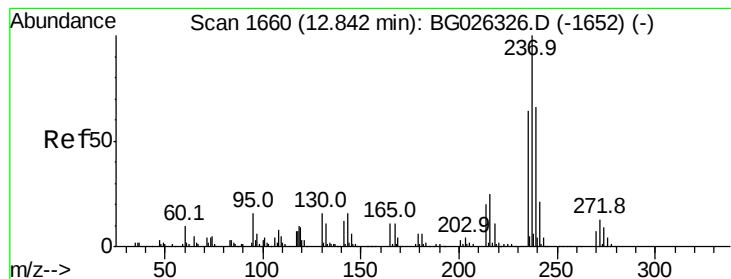
Tot Ion:164 Resp: 334079
Ion Ratio Lower Upper
164 100
162 103.4 85.1 127.7
160 45.1 34.7 52.1



#39
1,2,4,5-Tetrachlorobenzene
Concen: 45.84 ng
RT: 12.86 min Scan# 1663
Delta R.T. -0.01 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

Tgt Ion:216 Resp: 460799
Ion Ratio Lower Upper
216 100
214 79.4 64.4 96.6
179 20.4 17.4 26.0
108 17.2 15.6 23.4





#40

Hexachlorocyclopentadiene

Concen: 99.35 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.00 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

Instrument :

BNA_G

ClientSampleId :

JFC-SOIL-COMPMS

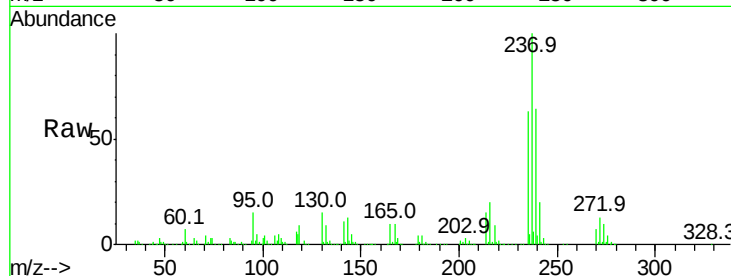
Tot Ion:237 Resp: 525631

Ion Ratio Lower Upper

237 100

235 62.6 39.4 79.4

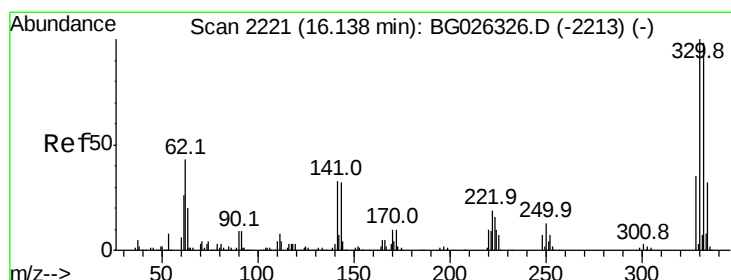
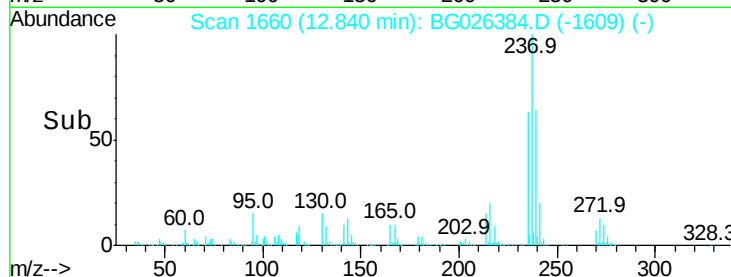
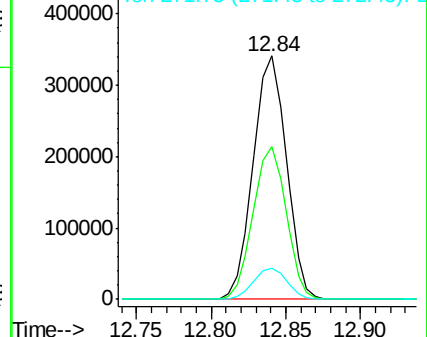
272 12.8 0.0 32.0



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 165.33 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.01 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

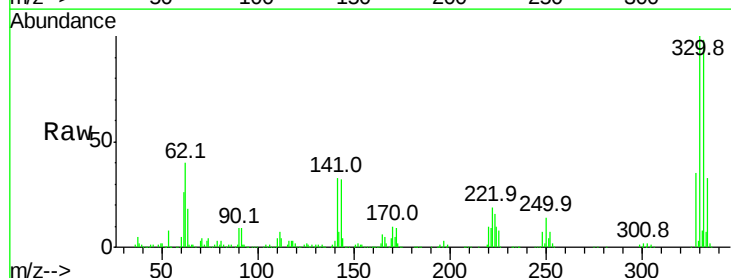
Tgt Ion:330 Resp: 632530

Ion Ratio Lower Upper

330 100

332 97.8 77.3 115.9

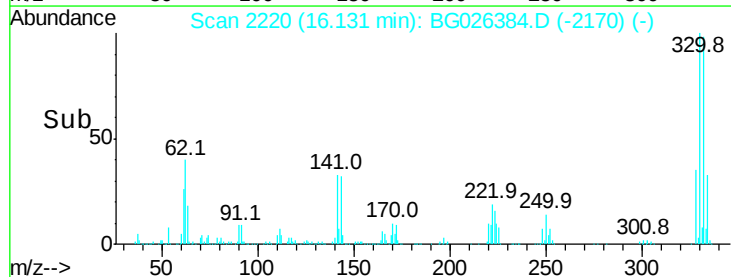
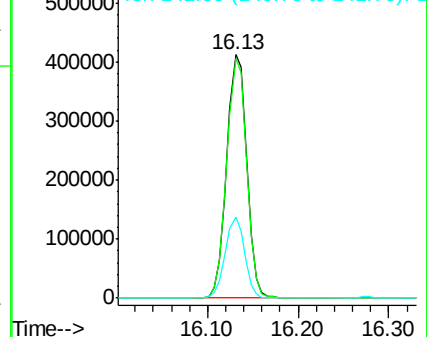
141 32.0 32.1 48.1#

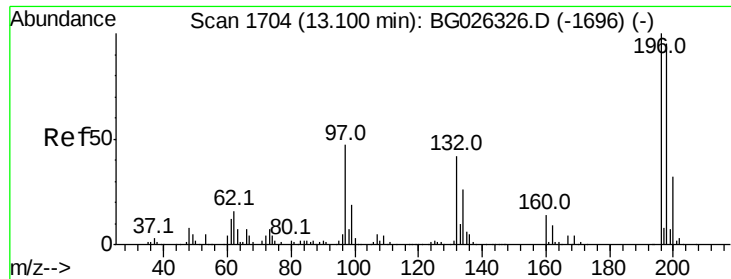


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

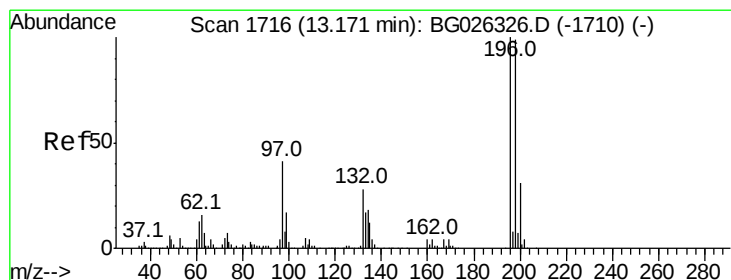
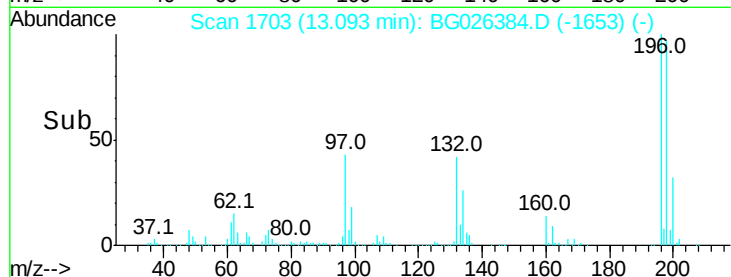
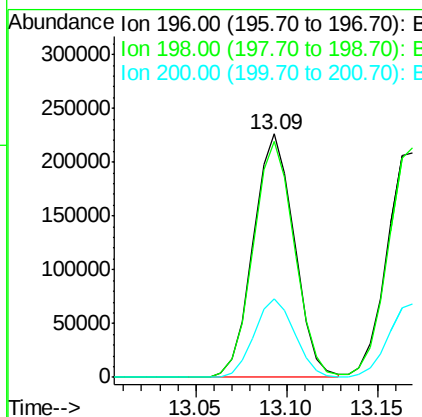
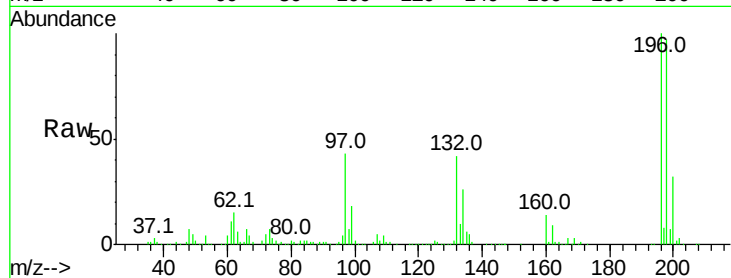




#42
 2,4,6-Trichlorophenol
 Concen: 53.81 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG026384.D
 Acq: 22 Mar 2017 20:38

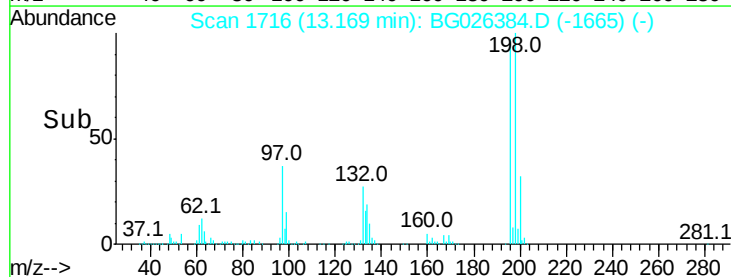
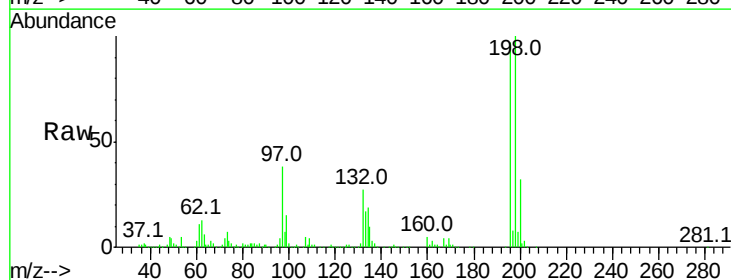
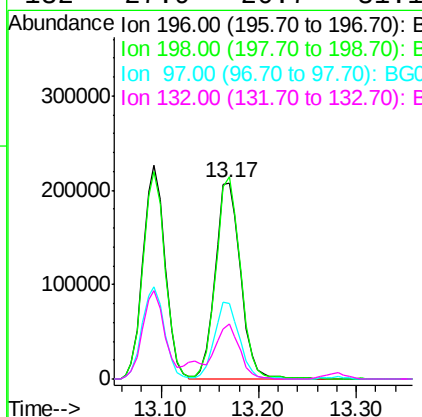
Instrument :
 BNA_G
 ClientSampleId :
 JFC-SOIL-COMPMS

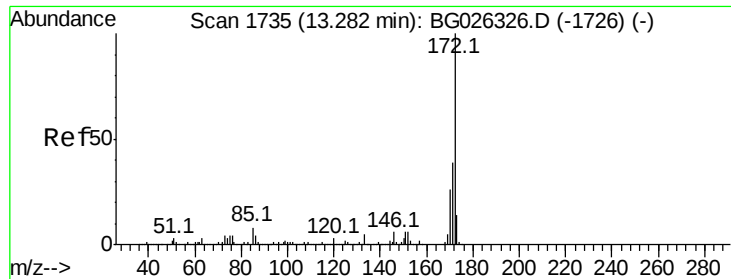
Tot Ion	196	Resp	354157
Ion Ratio	Lower	Upper	
196	100		
198	96.9	81.4	122.2
200	32.2	27.0	40.6



#43
 2,4,5-Trichlorophenol
 Concen: 51.35 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG026384.D
 Acq: 22 Mar 2017 20:38

Tgt Ion	196	Resp	373526
Ion Ratio	Lower	Upper	
196	100		
198	102.6	79.9	119.9
97	38.5	45.4	68.0#
132	27.9	20.7	31.1

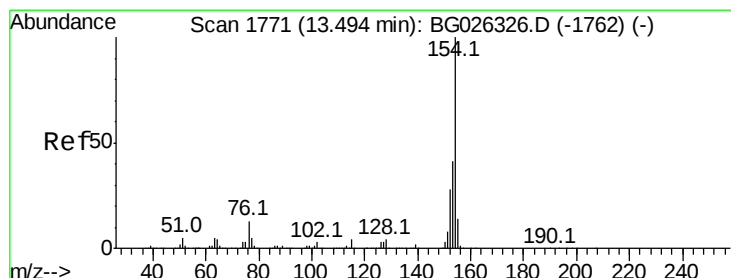
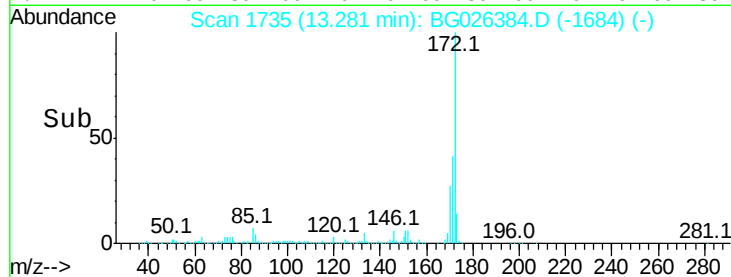
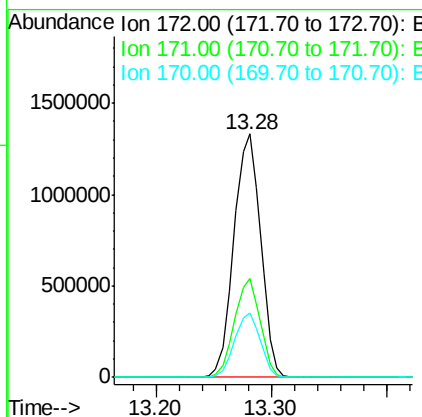
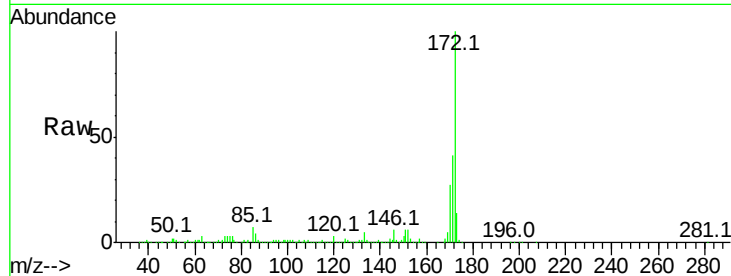




#44
2-Fluorobiphenyl
Concen: 89.57 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

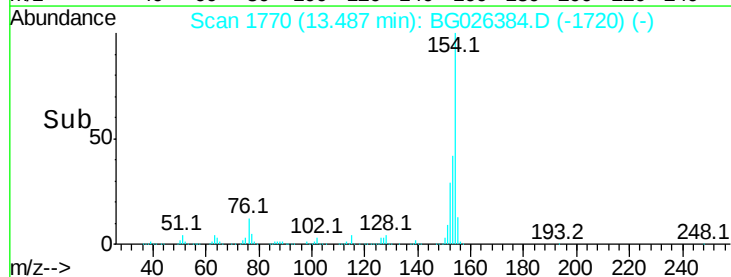
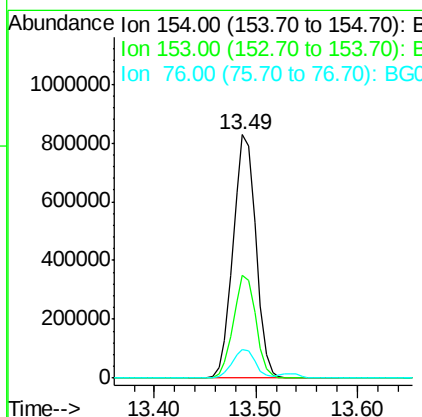
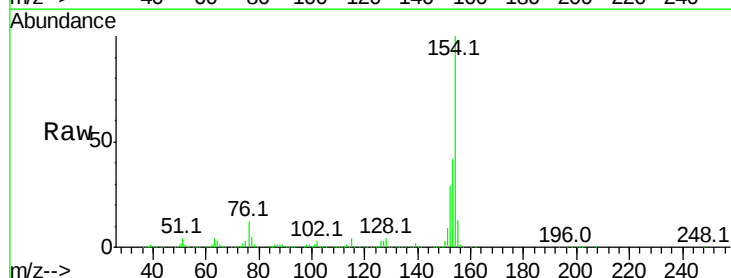
Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMS

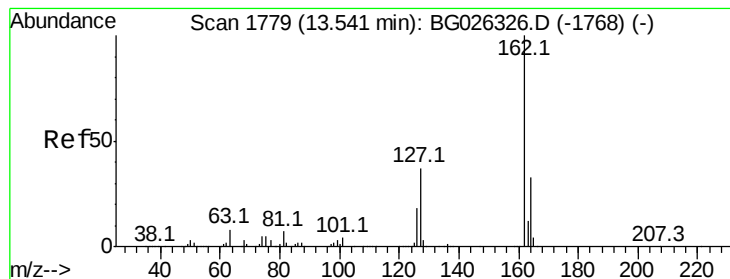
Tot Ion:172 Resp: 2133849
Ion Ratio Lower Upper
172 100
171 40.6 32.2 48.2
170 26.6 21.8 32.6



#45
1,1'-Biphenyl
Concen: 46.48 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

Tgt Ion:154 Resp: 1286092
Ion Ratio Lower Upper
154 100
153 42.4 23.0 63.0
76 11.9 0.0 33.5





#46

2-Chloronaphthalene

Concen: 47.38 ng

RT: 13.53 min Scan# 1778

Delta R.T. -0.01 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

Instrument :

BNA_G

ClientSampleId :

JFC-SOIL-COMPMS

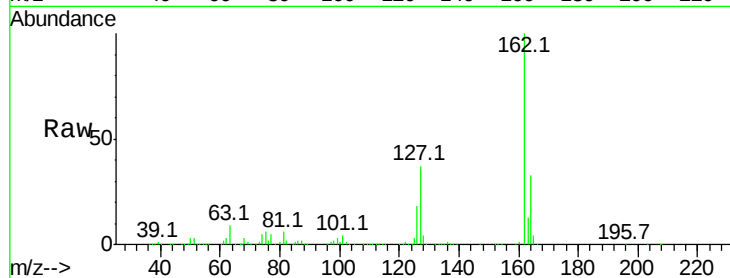
Tot Ion:162 Resp: 957383

Ion Ratio Lower Upper

162 100

127 37.3 32.2 48.4

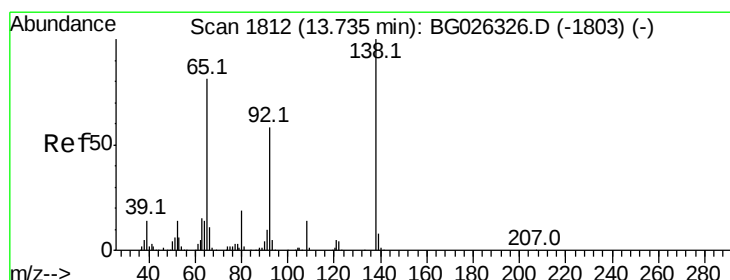
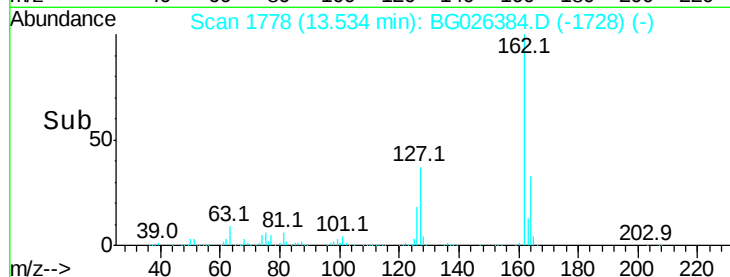
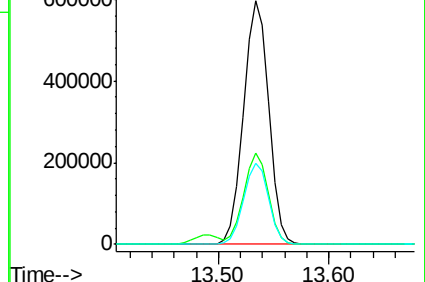
164 33.4 27.3 40.9



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#47

2-Nitroaniline

Concen: 24.02 ng

RT: 13.73 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

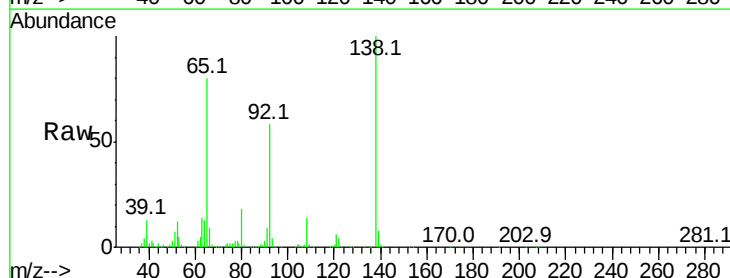
Tgt Ion: 65 Resp: 138058

Ion Ratio Lower Upper

65 100

92 72.0 49.0 73.4

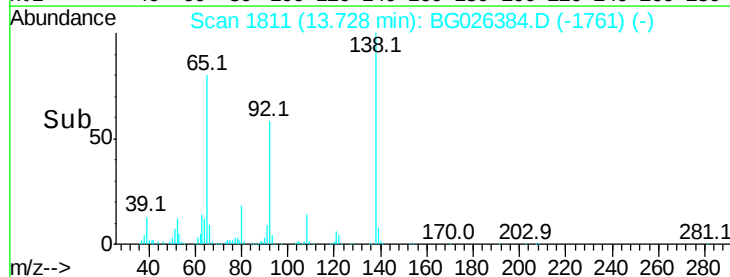
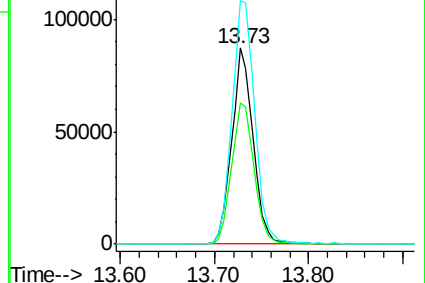
138 124.4 58.6 87.8#

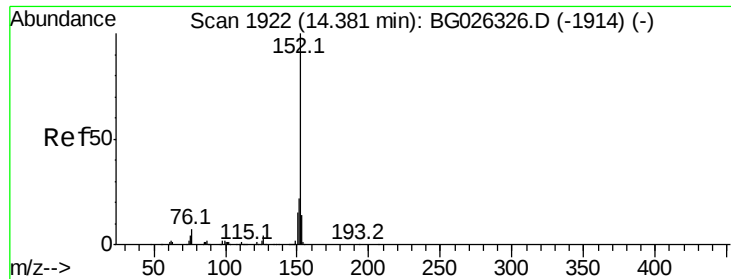


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 35.65 ng

RT: 14.37 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

Instrument :

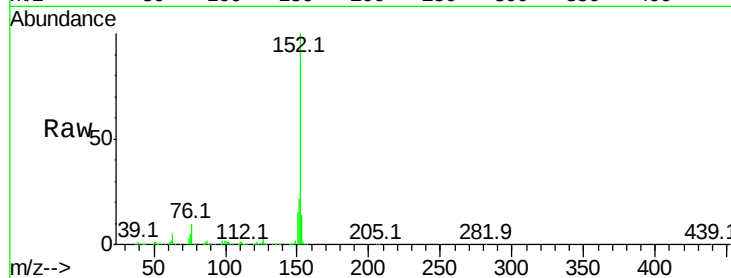
BNA_G

ClientSampleId :

JFC-SOIL-COMPMS

Tot Ion:152 Resp: 1255691

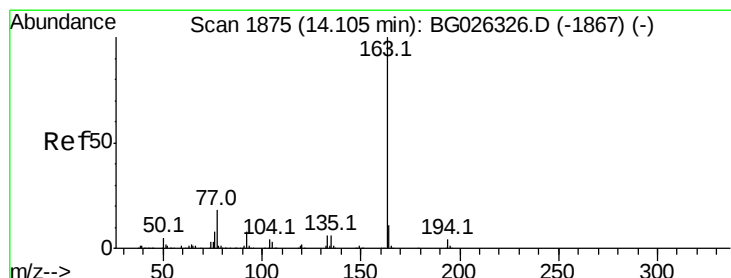
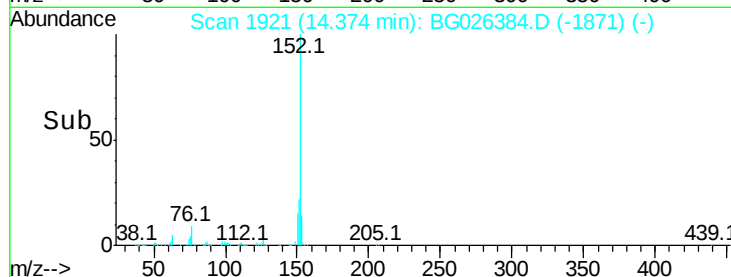
Ion	Ratio	Lower	Upper
152	100		
151	21.8	18.2	27.2
153	14.1	11.3	16.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 52.55 ng

RT: 14.10 min Scan# 1875

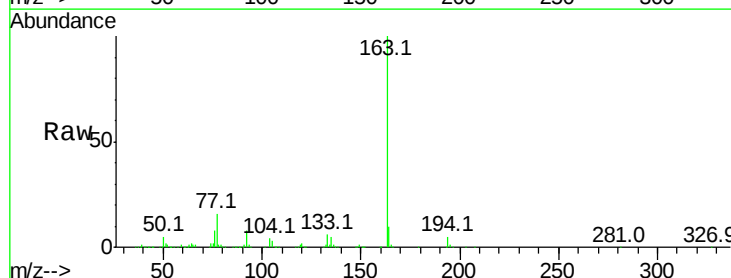
Delta R.T. -0.00 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

Tgt Ion:163 Resp: 1325039

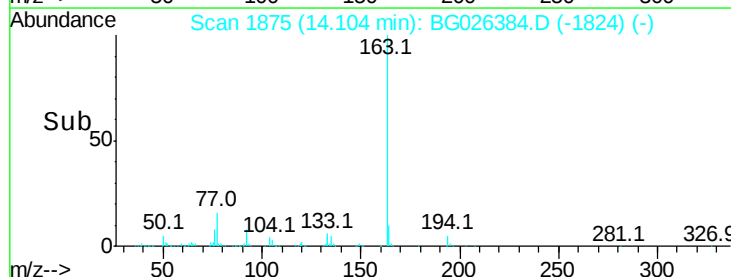
Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.8	5.6
164	10.5	9.3	13.9

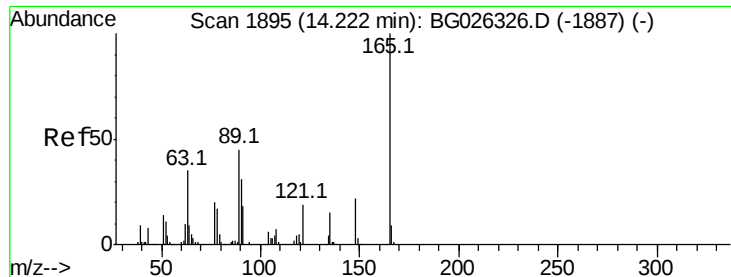


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

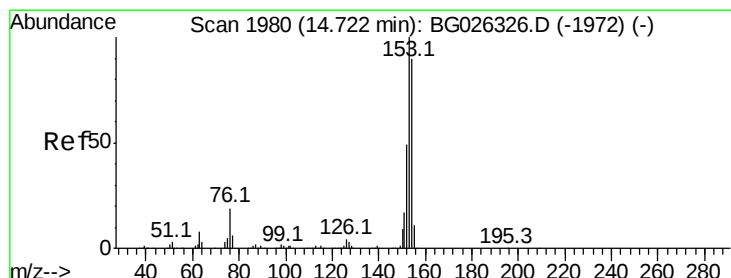
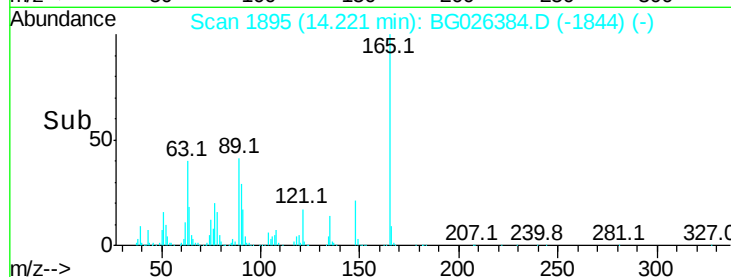
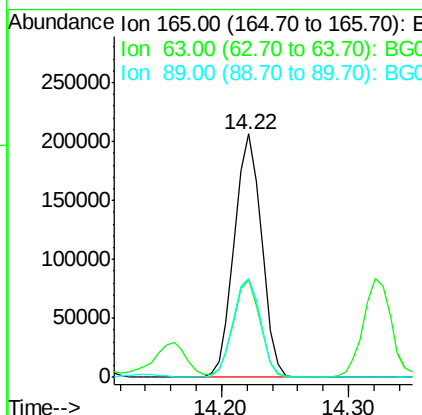
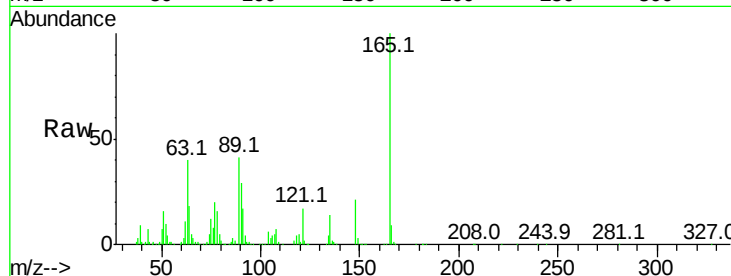




#50
2,6-Dinitrotoluene
Concen: 52.30 ng
RT: 14.22 min Scan# 1895
Delta R.T. -0.00 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

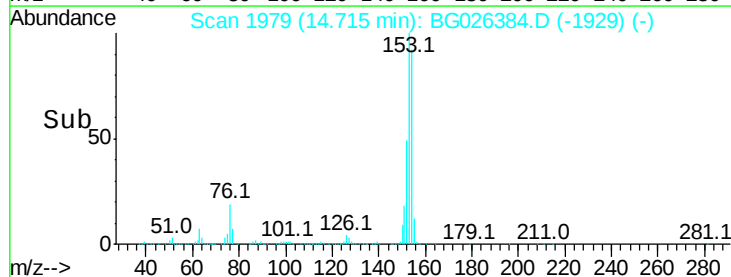
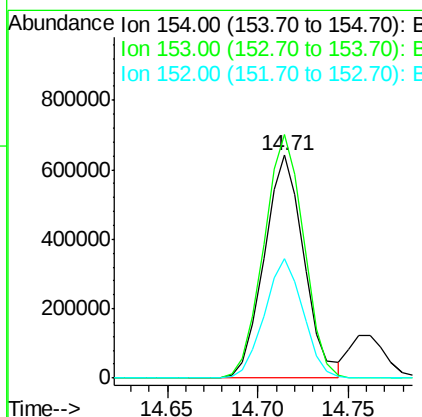
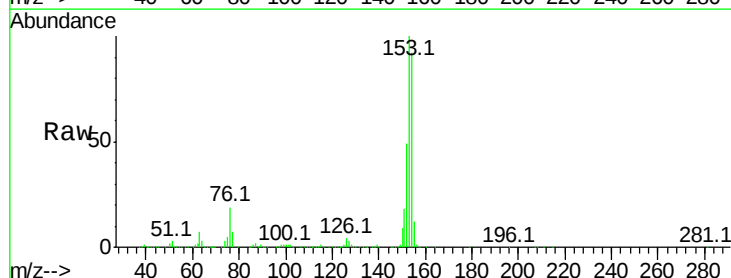
Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMS

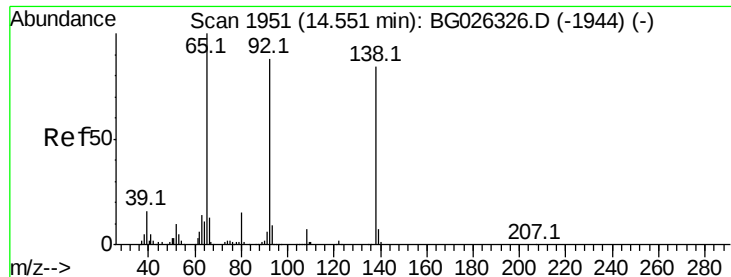
Tot Ion	Ratio	Lower	Upper
165	100		
63	40.0	63.9	95.9#
89	40.6	58.6	88.0#



#51
Acenaphthene
Concen: 45.44 ng
RT: 14.71 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	109.2	87.8	131.6
152	53.7	42.2	63.4





#52

3-Nitroaniline

Concen: 5.60 ng

RT: 14.56 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

Instrument :

BNA_G

ClientSampleId :

JFC-SOIL-COMPMS

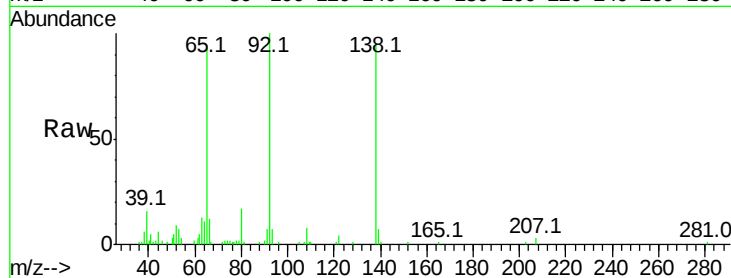
Tot Ion:138 Resp: 36311

Ion Ratio Lower Upper

138 100

108 7.9 10.9 16.3#

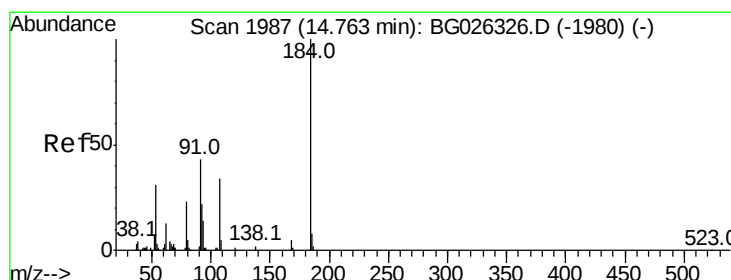
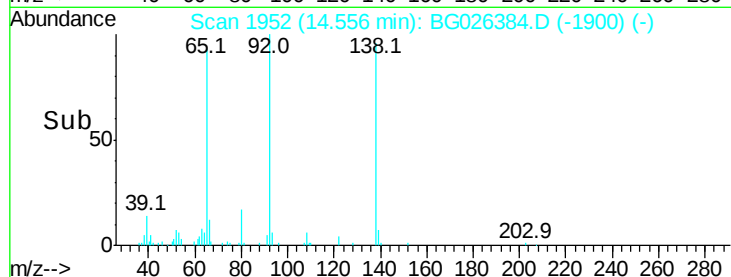
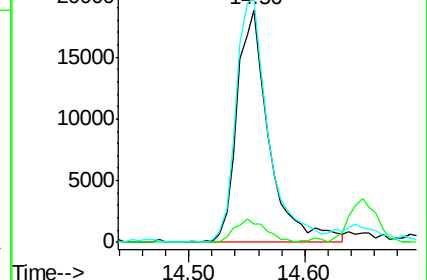
92 104.8 115.3 172.9#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#53

2,4-Dinitrophenol

Concen: 113.55 ng

RT: 14.76 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

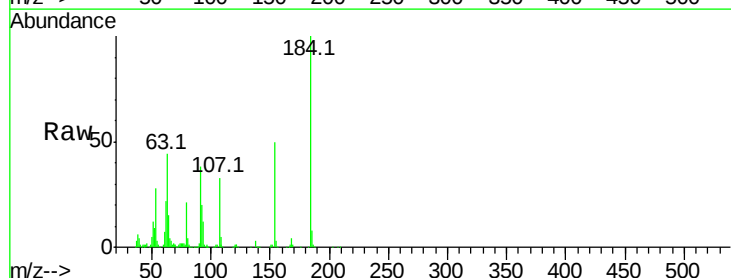
Tgt Ion:184 Resp: 387680

Ion Ratio Lower Upper

184 100

63 43.6 52.7 79.1#

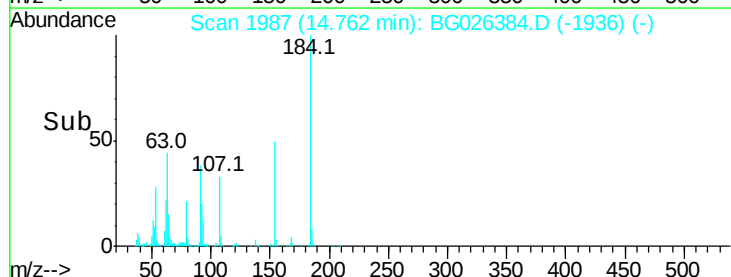
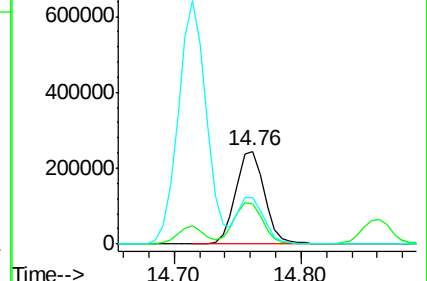
154 50.4 57.3 85.9#

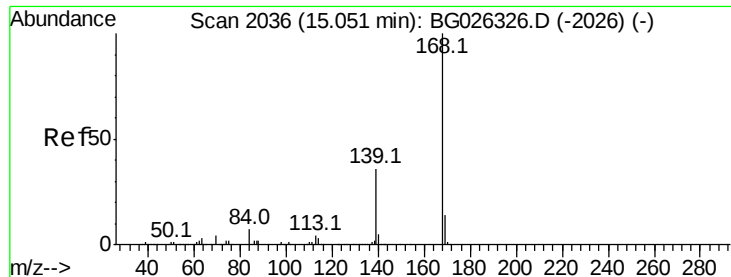


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

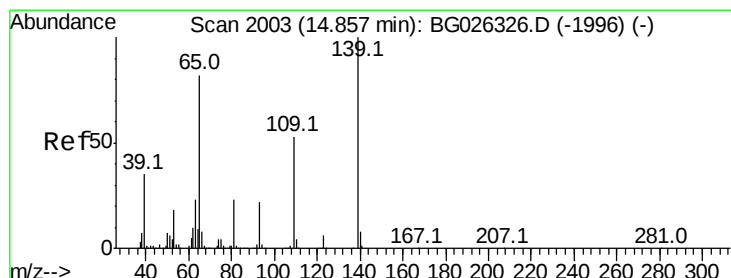
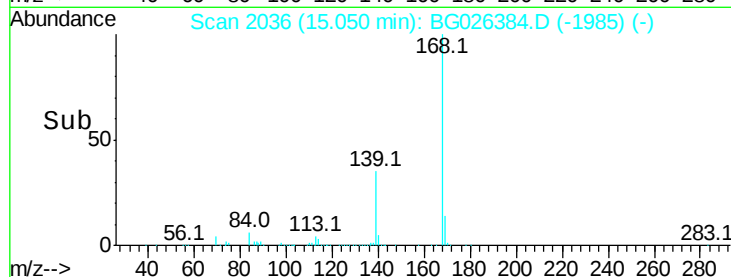
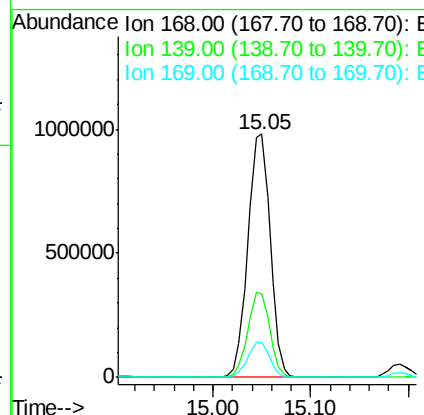
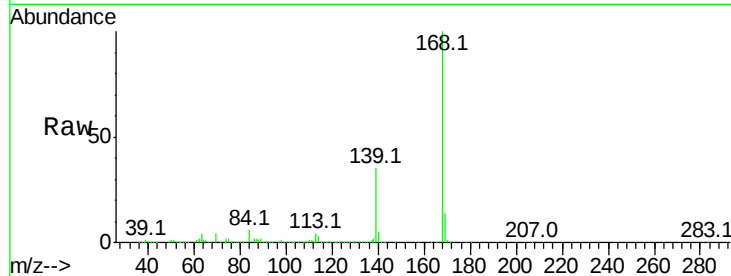




#54
Dibenzenofuran
Concen: 51.45 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

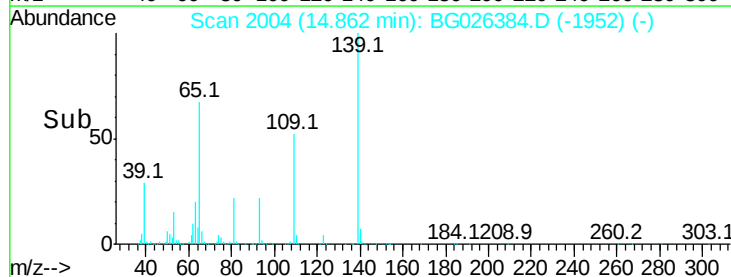
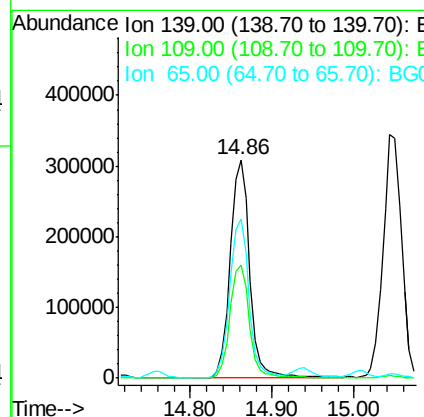
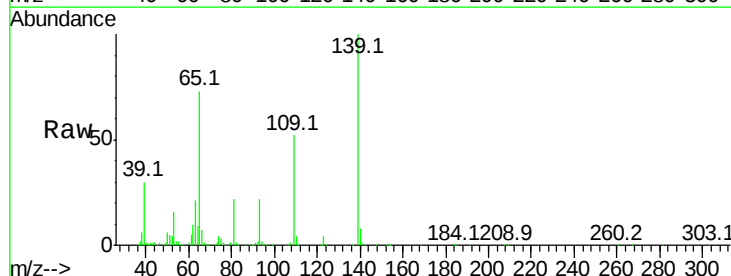
Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMS

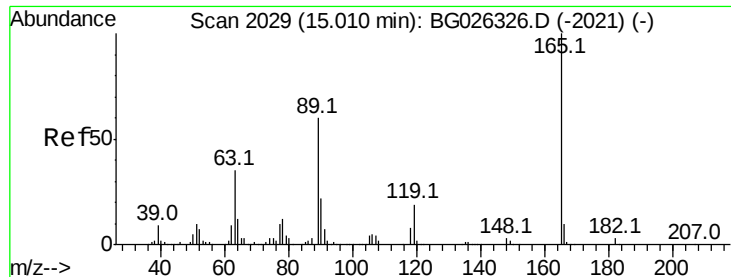
Tot Ion:168 Resp: 1571397
Ion Ratio Lower Upper
168 100
139 34.6 35.3 52.9#
169 14.2 11.5 17.3



#55
4-Nitrophenol
Concen: 96.96 ng
RT: 14.86 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

Tgt Ion:139 Resp: 514533
Ion Ratio Lower Upper
139 100
109 51.7 101.2 141.2#
65 73.0 135.3 175.3#

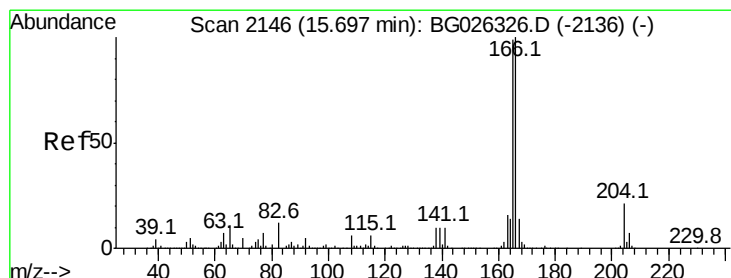
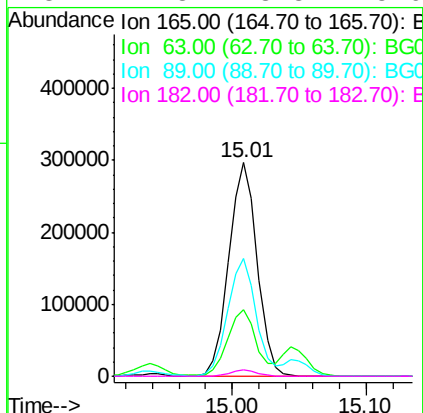
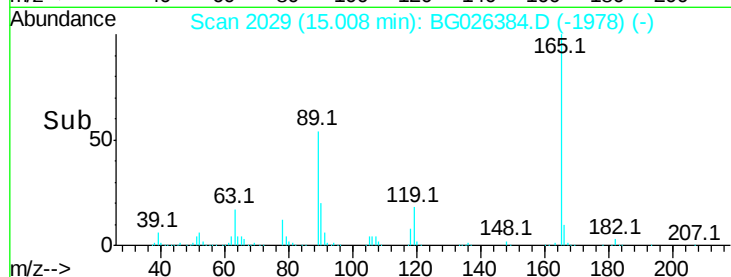
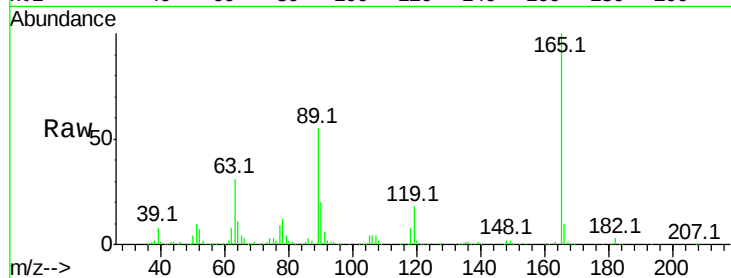




#56
2,4-Dinitrotoluene
Concen: 52.96 ng
RT: 15.01 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

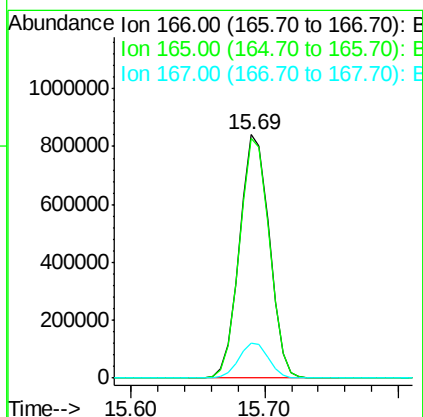
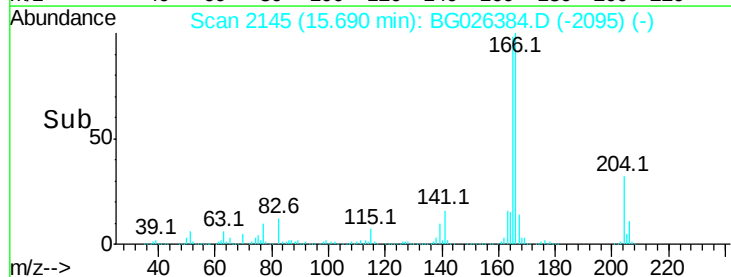
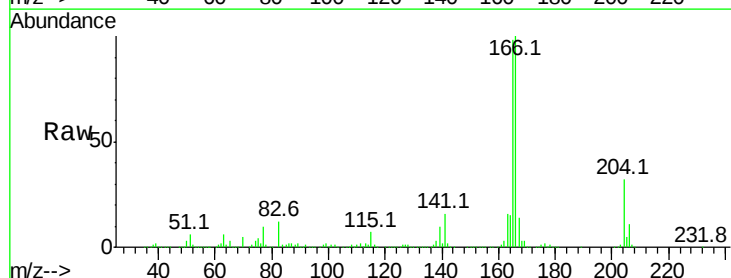
Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMS

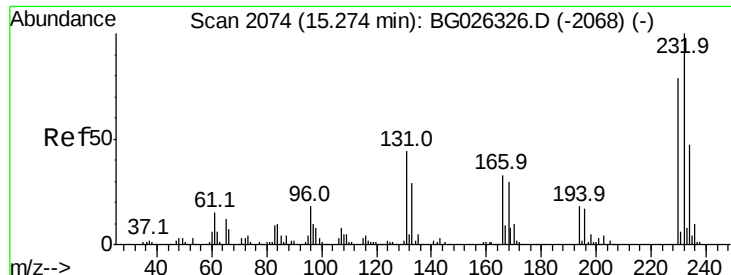
Tot Ion:165 Resp: 438375
Ion Ratio Lower Upper
165 100
63 31.3 44.0 66.0#
89 55.4 67.3 100.9#
182 2.8 3.8 5.6#



#57
Fluorene
Concen: 47.65 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

Tgt Ion:166 Resp: 1295034
Ion Ratio Lower Upper
166 100
165 98.4 78.6 117.8
167 14.2 11.6 17.4

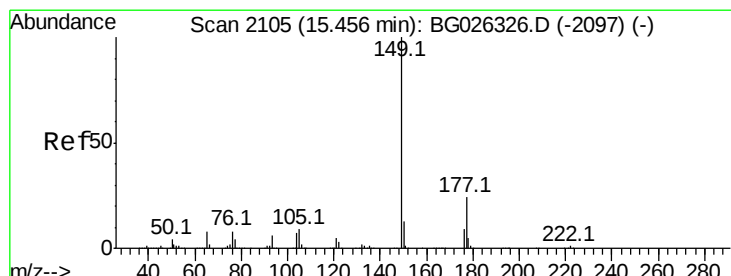
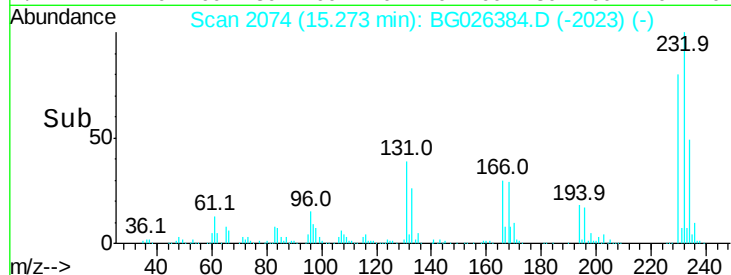
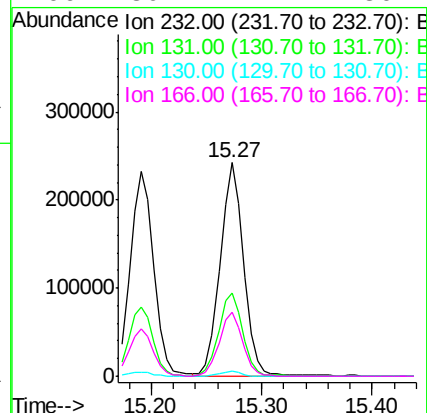
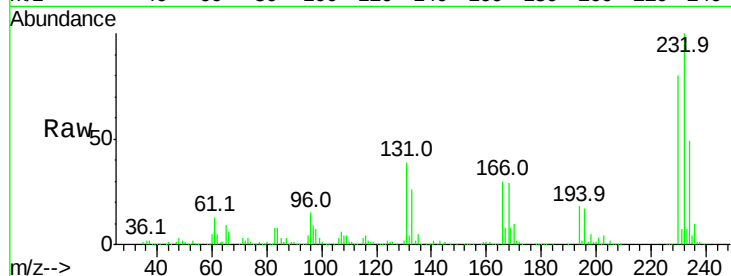




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 55.99 ng
 RT: 15.27 min Scan# 2074
 Delta R.T. -0.00 min
 Lab File: BG026384.D
 Acq: 22 Mar 2017 20:38

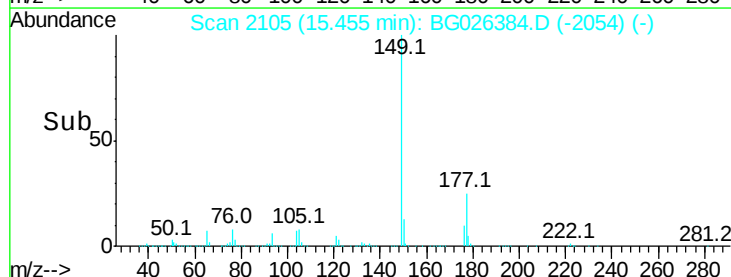
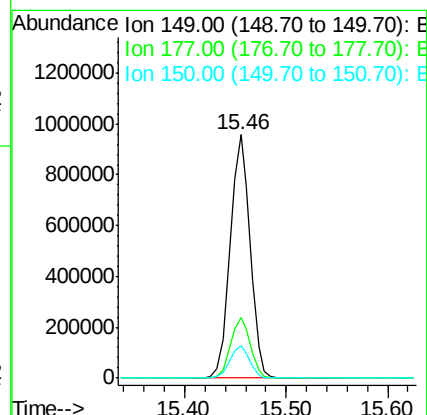
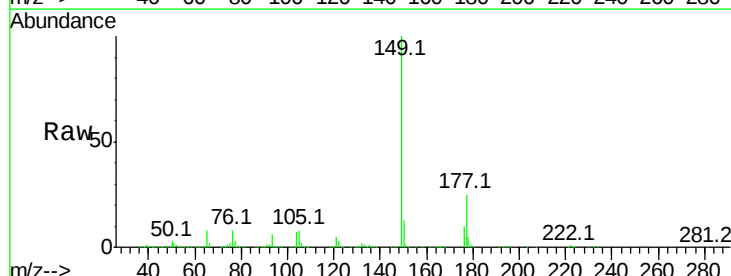
Instrument :
 BNA_G
 ClientSampleId :
 JFC-SOIL-COMPMS

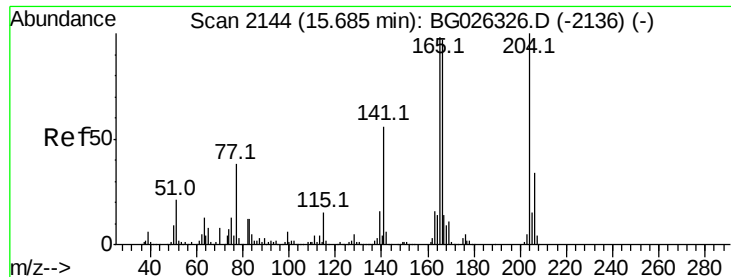
Tot Ion	Ratio	Lower	Upper
232	100		
131	39.6	34.9	52.3
130	2.2	2.3	3.5
166	30.1	24.2	36.4



#59
 Diethylphthalate
 Concen: 50.10 ng
 RT: 15.46 min Scan# 2105
 Delta R.T. -0.00 min
 Lab File: BG026384.D
 Acq: 22 Mar 2017 20:38

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.1	20.1	30.1
150	13.2	10.2	15.2

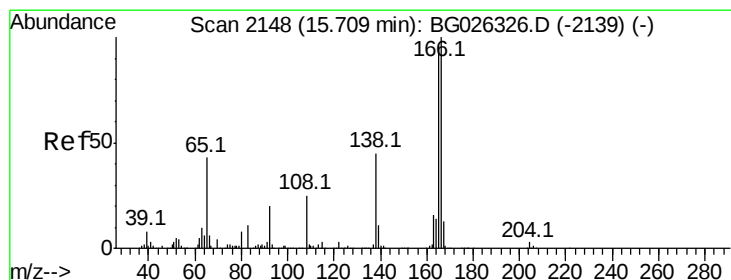
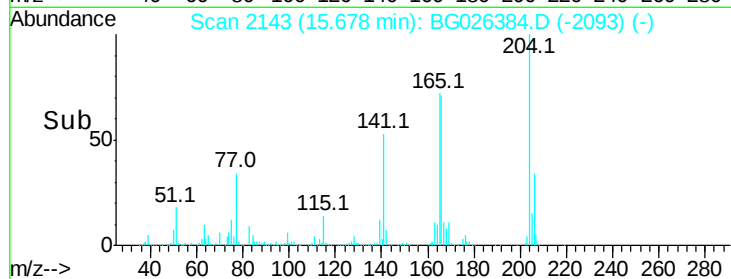
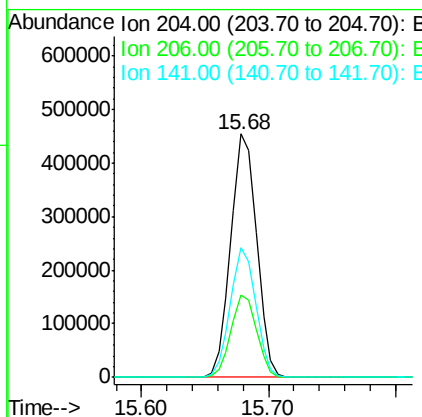
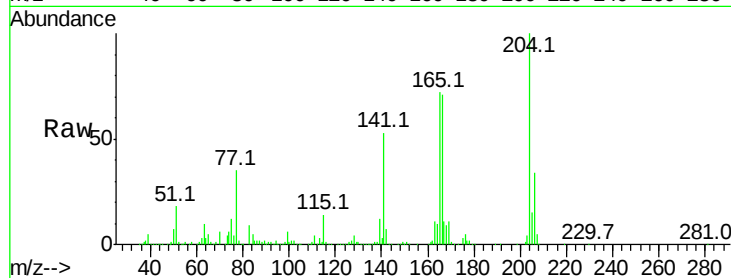




#60
4-Chlorophenyl-phenylether
Concen: 49.72 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

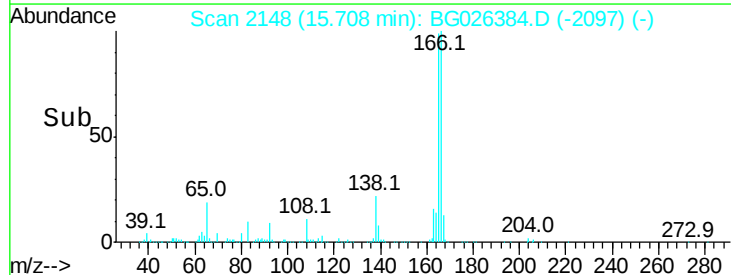
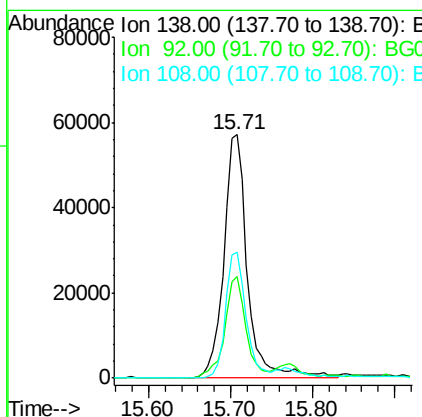
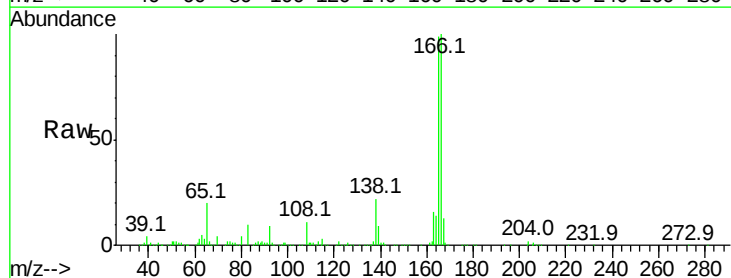
Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMS

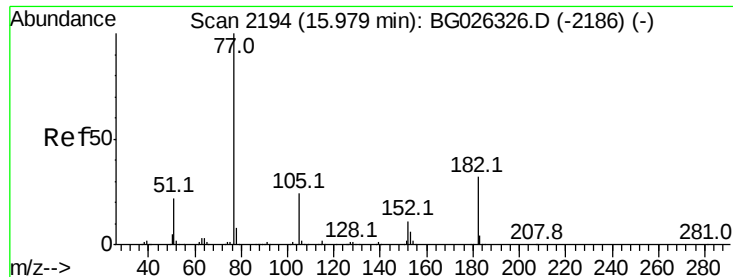
Tot Ion:204 Resp: 640378
Ion Ratio Lower Upper
204 100
206 33.8 30.1 45.1
141 53.2 50.6 76.0



#61
4-Nitroaniline
Concen: 16.74 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

Tgt Ion:138 Resp: 114750
Ion Ratio Lower Upper
138 100
92 41.7 44.2 84.2#
108 51.5 104.8 144.8#





#62

Azobenzene

Concen: 47.65 ng

RT: 15.97 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

Instrument :

BNA_G

ClientSampleId :

JFC-SOIL-COMPMS

Tot Ion: 77 Resp: 998451

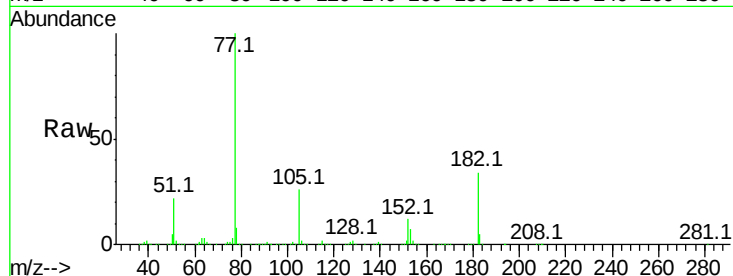
Ion Ratio Lower Upper

77 100

182 33.7 4.7 44.7

105 25.6 0.0 36.3

51 21.9 16.4 56.4

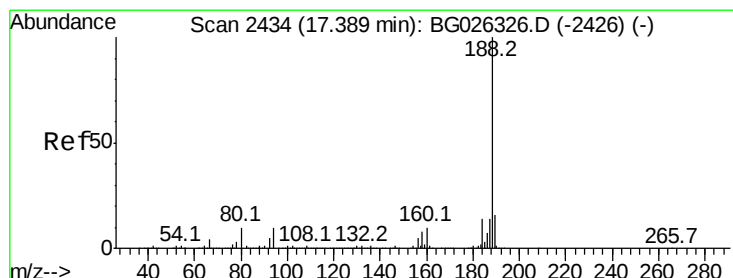
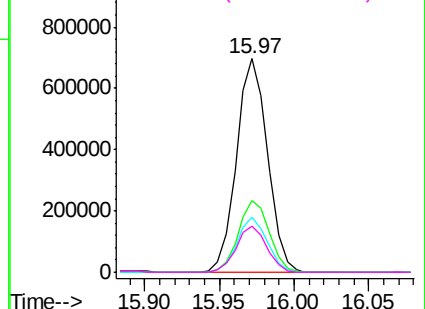
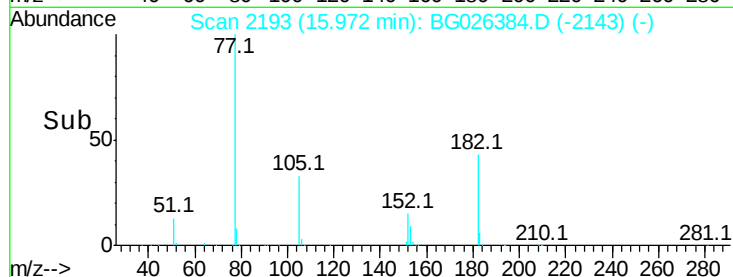


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.38 min Scan# 2433

Delta R.T. -0.01 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

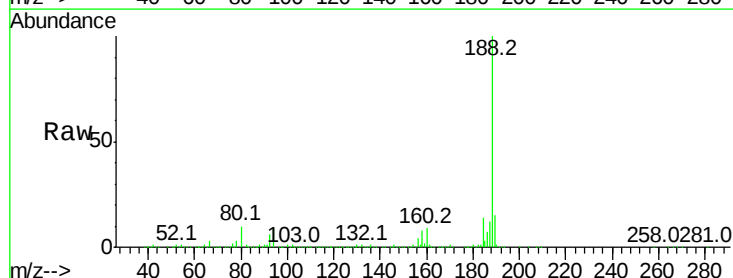
Tgt Ion: 188 Resp: 821393

Ion Ratio Lower Upper

188 100

94 8.8 5.8 8.8#

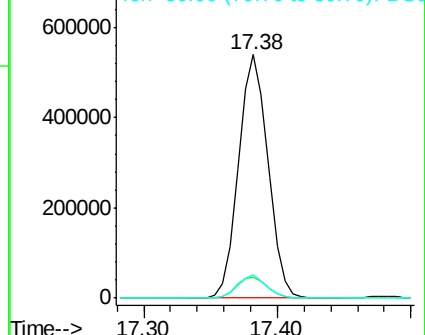
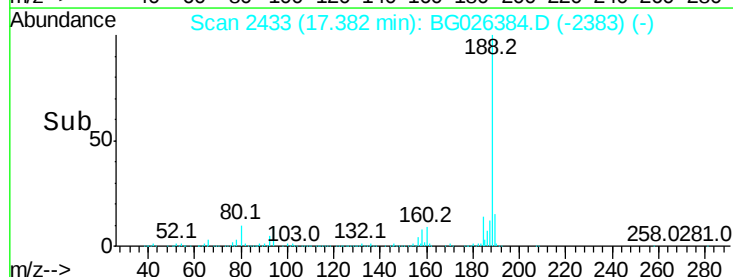
80 9.6 7.5 11.3

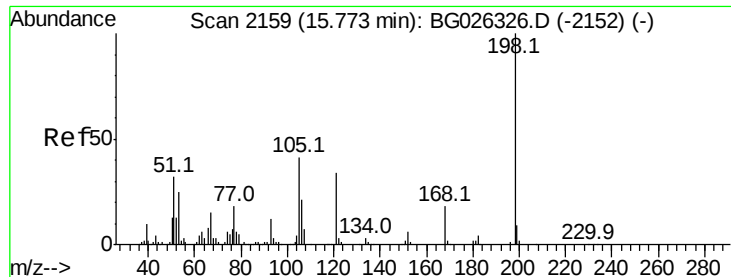


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

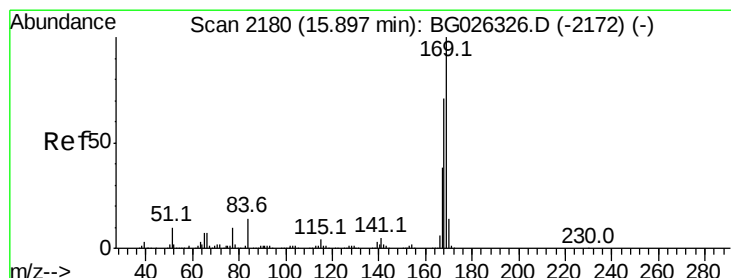
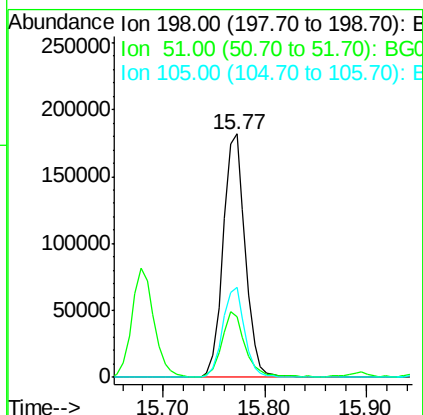
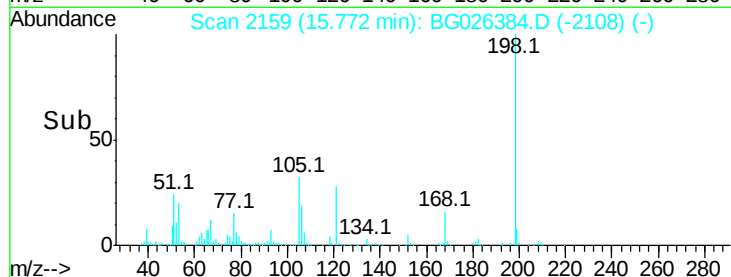
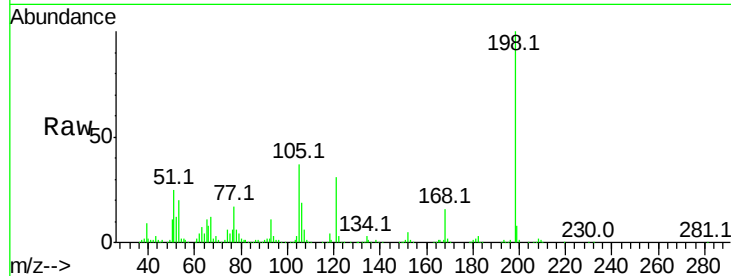




#64
4,6-Dinitro-2-methylphenol
Concen: 52.99 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

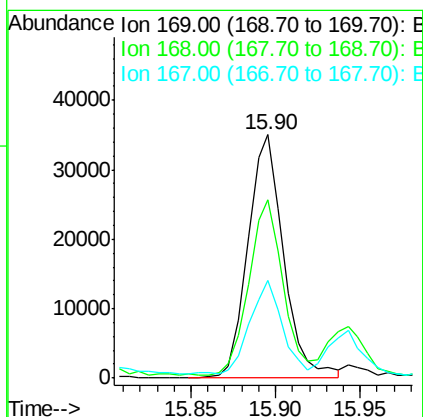
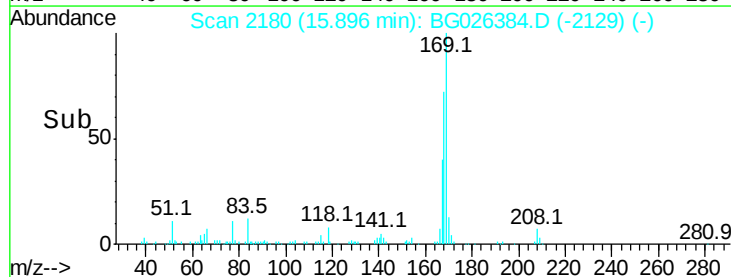
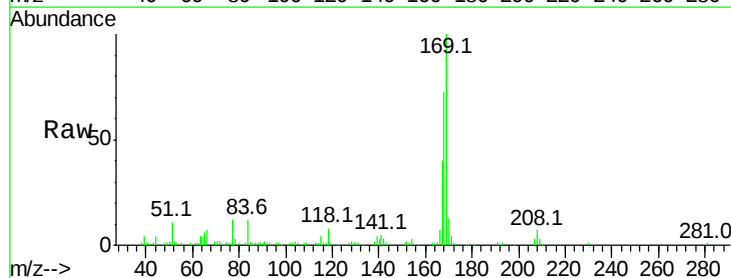
Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMS

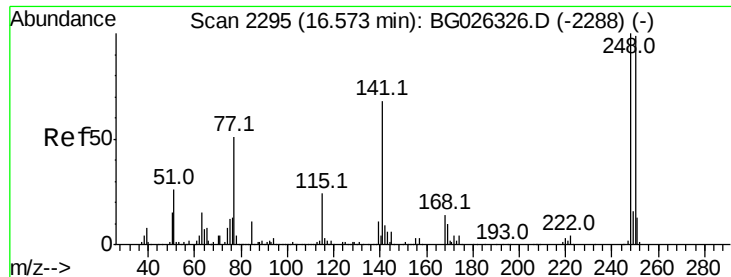
Tot Ion:198 Resp: 274431
Ion Ratio Lower Upper
198 100
51 25.1 22.6 62.6
105 36.8 14.4 54.4



#65
n-Nitrosodiphenylamine
Concen: 2.13 ng
RT: 15.90 min Scan# 2180
Delta R.T. -0.00 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

Tgt Ion:169 Resp: 51438
Ion Ratio Lower Upper
169 100
168 73.0 55.7 83.5
167 40.0 29.8 44.6

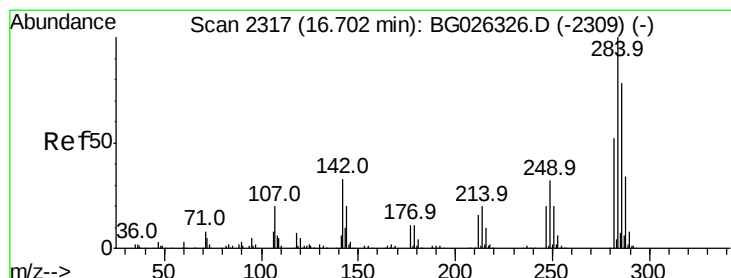
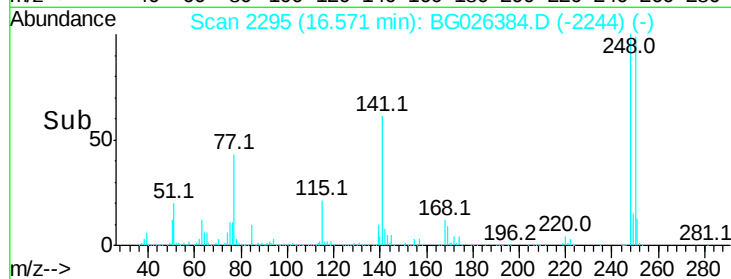
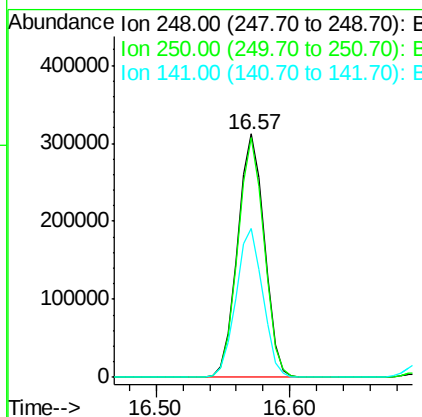
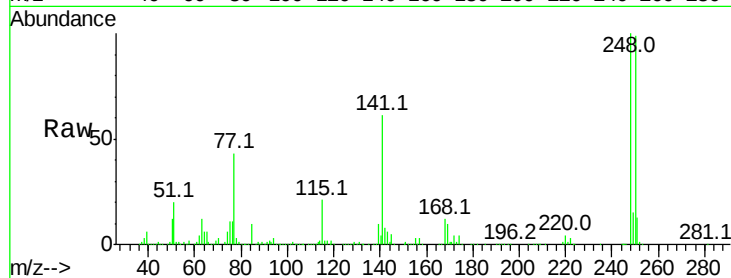




#66
4-Bromophenyl-phenylether
Concen: 51.26 ng
RT: 16.57 min Scan# 2295
Delta R.T. -0.00 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

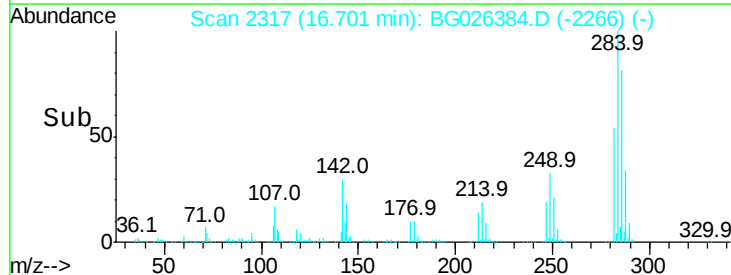
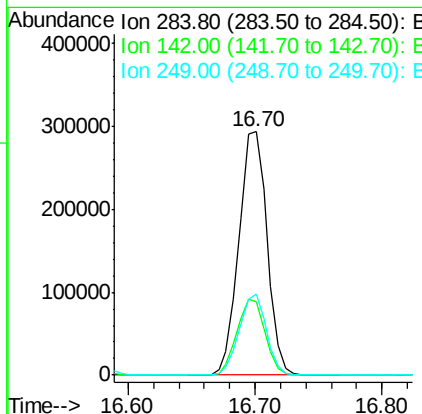
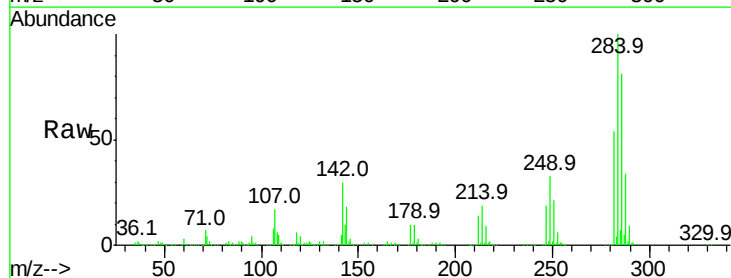
Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMS

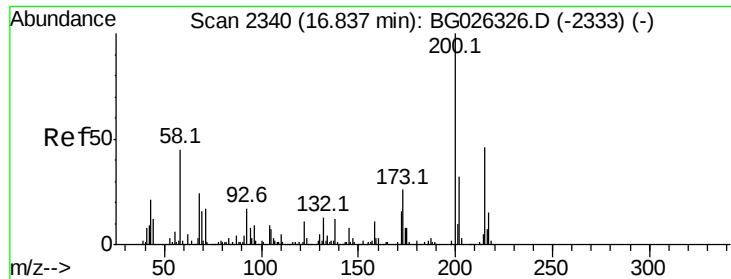
Tot Ion:248 Resp: 433333
Ion Ratio Lower Upper
248 100
250 98.7 75.0 112.6
141 61.3 55.2 82.8



#67
Hexachlorobenzene
Concen: 50.16 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.00 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

Tgt Ion:284 Resp: 452401
Ion Ratio Lower Upper
284 100
142 30.4 29.9 44.9
249 33.2 29.2 43.8

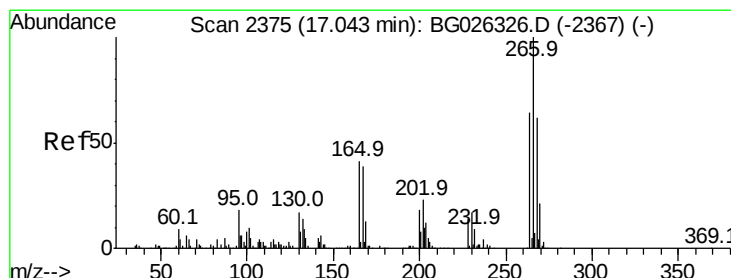
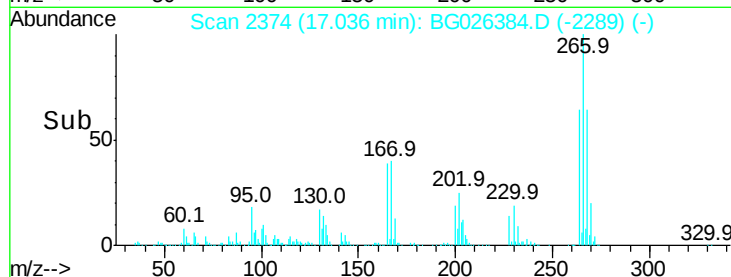
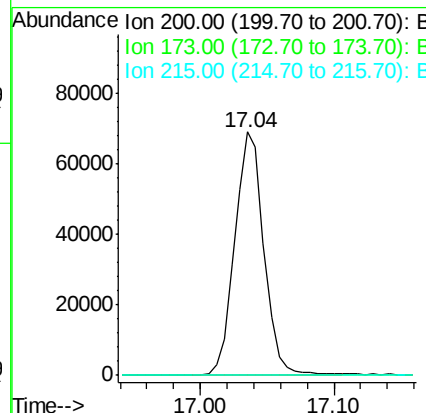
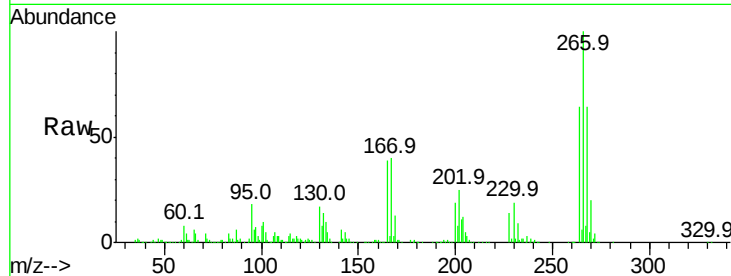




#68
Atrazine
Concen: 11.53 ng
RT: 17.04 min Scan# 2374
Delta R.T. 0.20 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

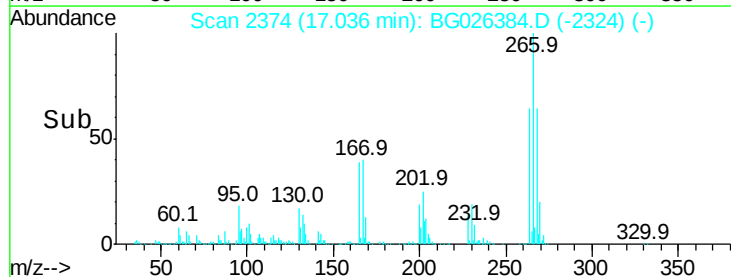
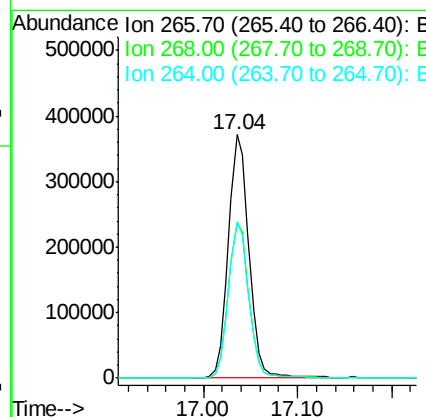
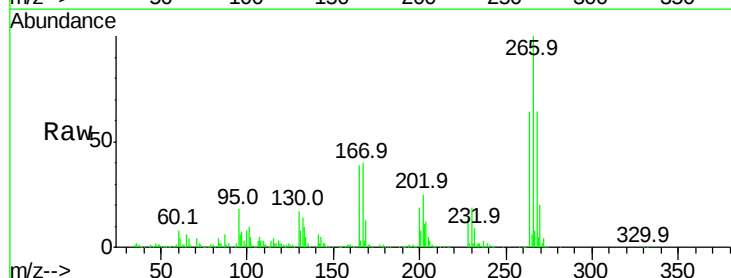
Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMS

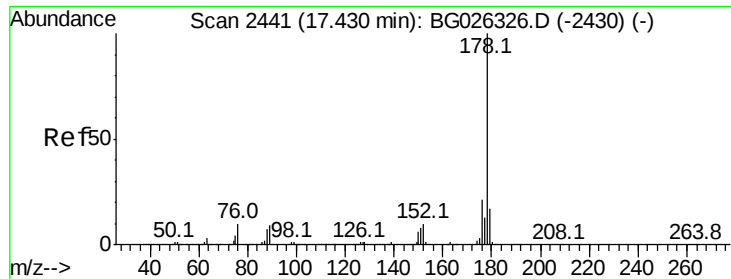
Tot Ion	Ratio	Lower	Upper
200	100		
173	0.0	3.0	43.0#
215	0.0	28.4	68.4#



#69
Pentachlorophenol
Concen: 97.13 ng
RT: 17.04 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	48.6	72.8
264	64.1	50.1	75.1





#70

Phenanthrene

Concen: 45.83 ng

RT: 17.42 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

Instrument :

BNA_G

ClientSampleId :

JFC-SOIL-COMPMS

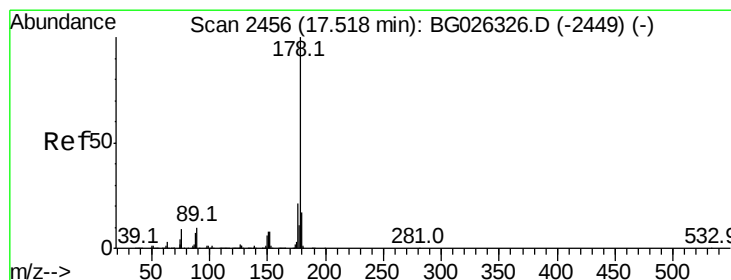
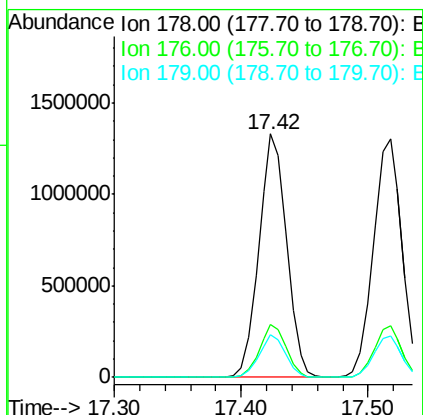
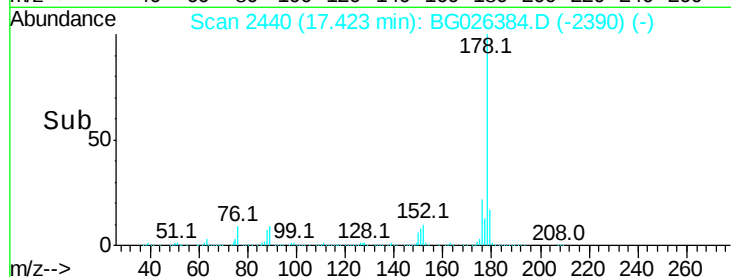
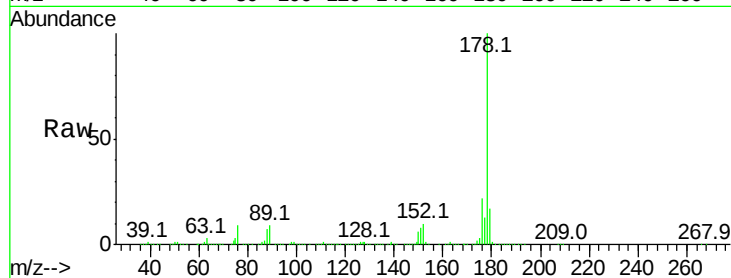
Tot Ion:178 Resp: 2021707

Ion Ratio Lower Upper

178 100

176 21.7 17.7 26.5

179 17.5 15.0 22.6



#71

Anthracene

Concen: 45.29 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.00 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

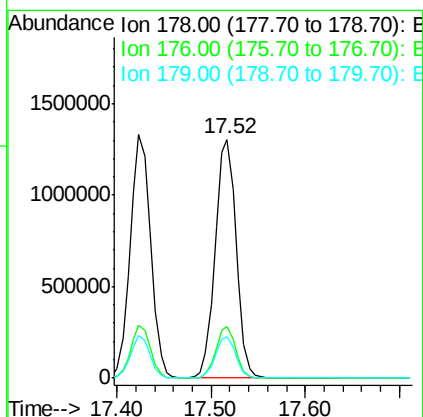
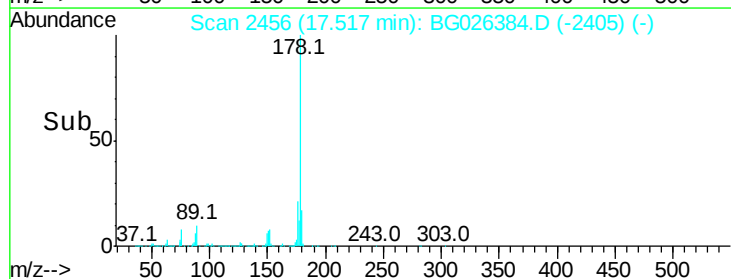
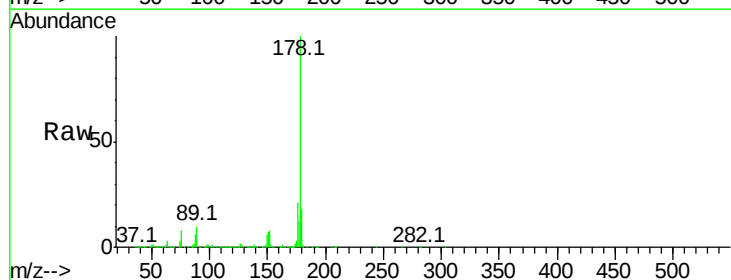
Tgt Ion:178 Resp: 2038259

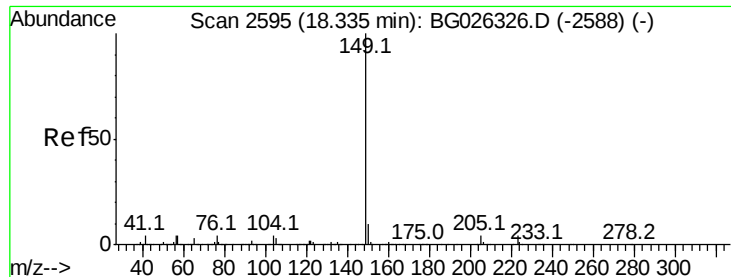
Ion Ratio Lower Upper

178 100

176 21.5 16.4 24.6

179 17.5 13.8 20.8





#73

Di-n-butylphthalate

Concen: 47.39 ng

RT: 18.33 min Scan# 2595

Delta R.T. -0.00 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

Instrument :

BNA_G

ClientSampleId :

JFC-SOIL-COMPMS

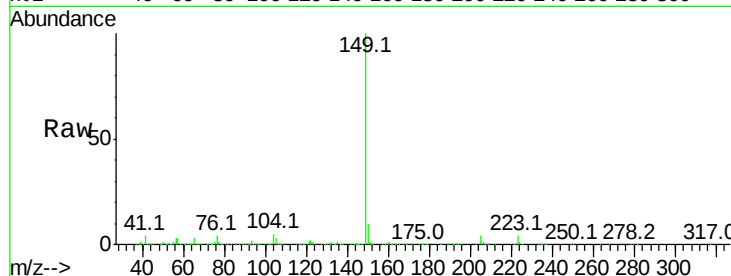
Tot Ion:149 Resp: 2255790

Ion Ratio Lower Upper

149 100

150 10.5 9.1 13.7

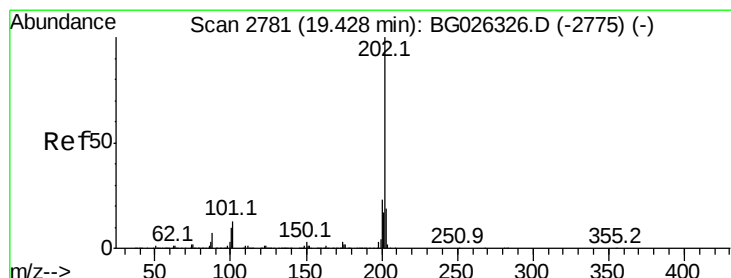
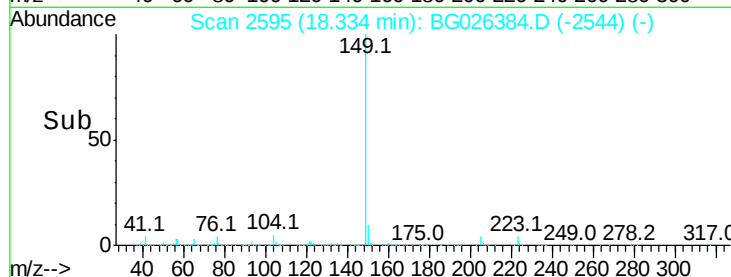
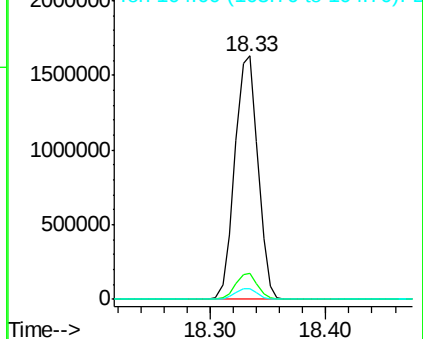
104 4.6 6.7 10.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 45.04 ng

RT: 19.43 min Scan# 2781

Delta R.T. -0.00 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

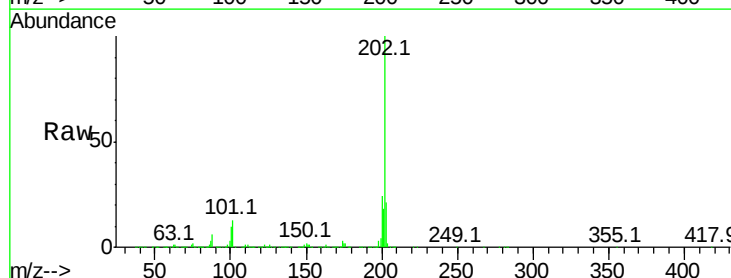
Tgt Ion:202 Resp: 2335998

Ion Ratio Lower Upper

202 100

101 12.6 0.0 30.1

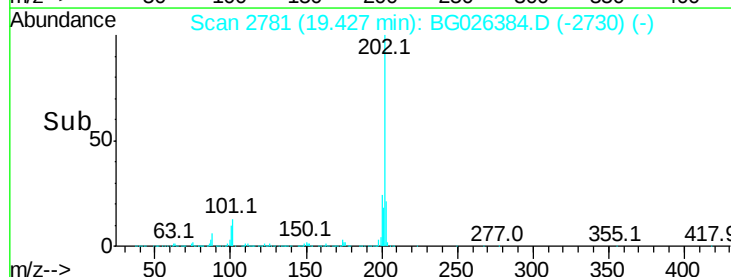
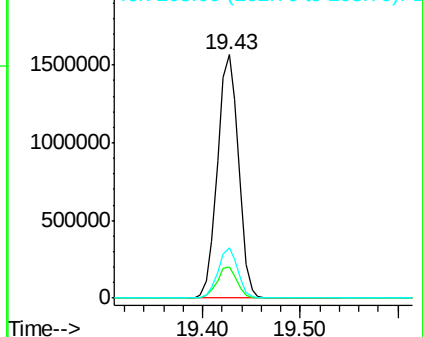
203 20.6 1.3 41.3

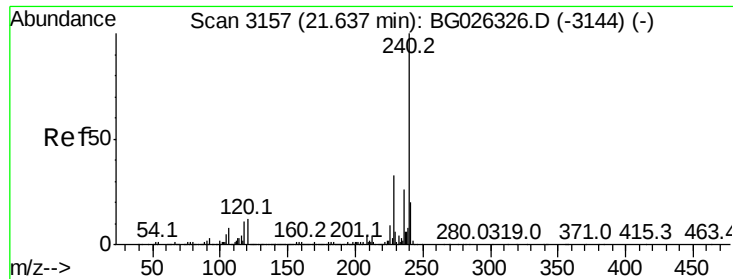


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

Instrument :

BNA_G

ClientSampleId :

JFC-SOIL-COMPMS

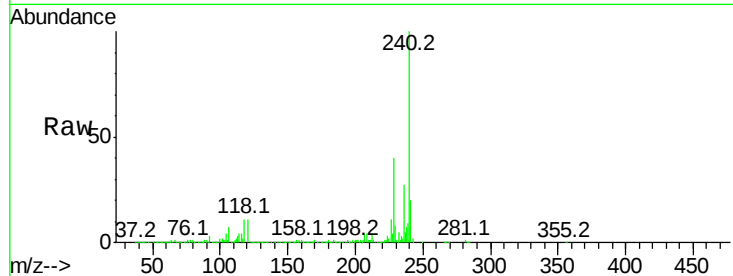
Tot Ion:240 Resp: 859000

Ion Ratio Lower Upper

240 100

120 10.6 5.7 8.5#

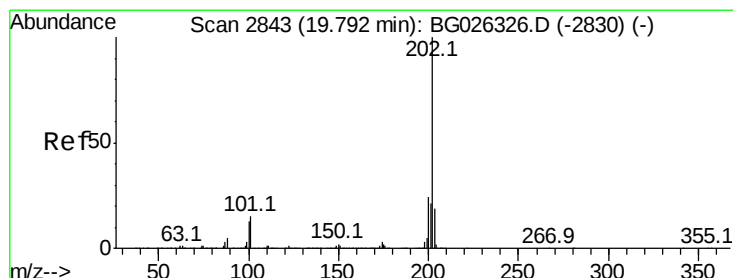
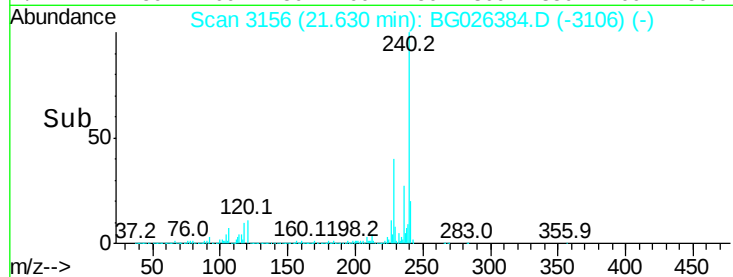
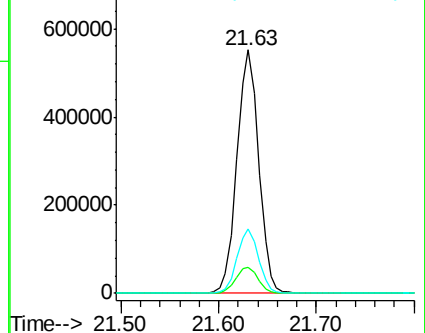
236 26.6 22.2 33.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 37.57 ng

RT: 19.79 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

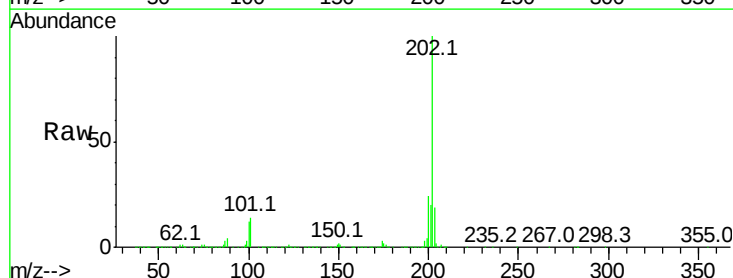
Tgt Ion:202 Resp: 1868763

Ion Ratio Lower Upper

202 100

200 24.1 19.6 29.4

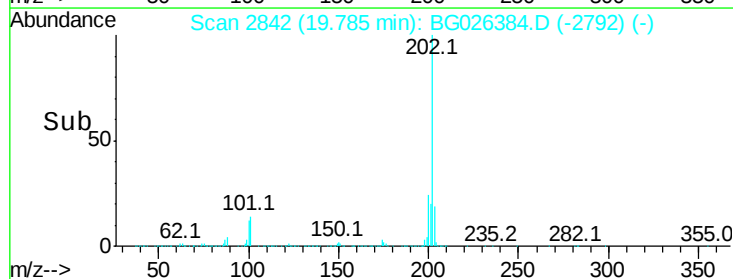
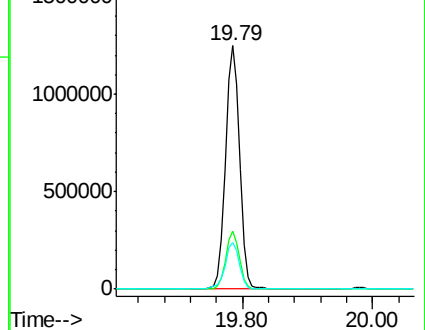
203 19.1 15.8 23.8

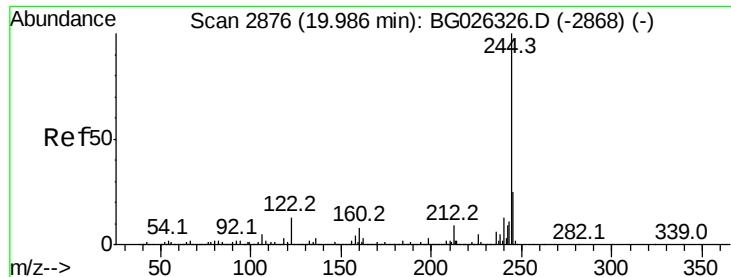


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 86.40 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.01 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

Instrument :

BNA_G

ClientSampleId :

JFC-SOIL-COMPMS

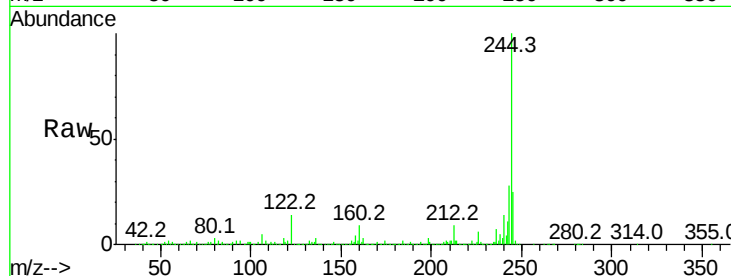
Tot Ion:244 Resp: 3056167

Ion Ratio Lower Upper

244 100

212 9.0 10.0 15.0#

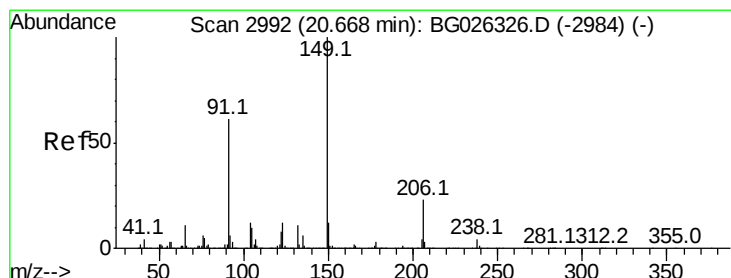
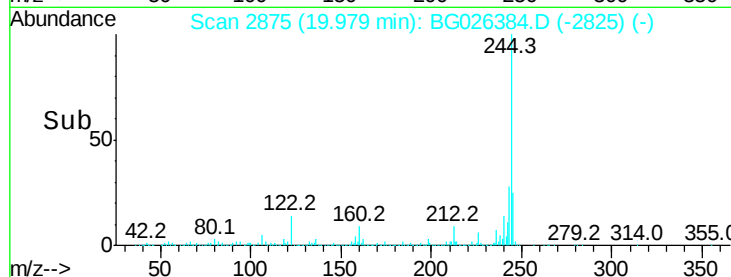
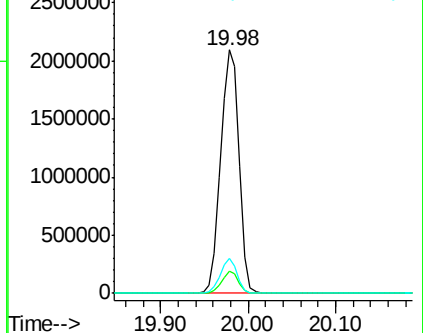
122 14.4 8.6 12.8#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 50.04 ng

RT: 20.66 min Scan# 2991

Delta R.T. -0.01 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

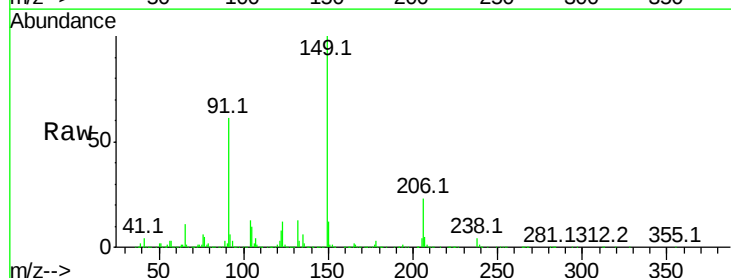
Tgt Ion:149 Resp: 995774

Ion Ratio Lower Upper

149 100

91 60.7 63.5 95.3#

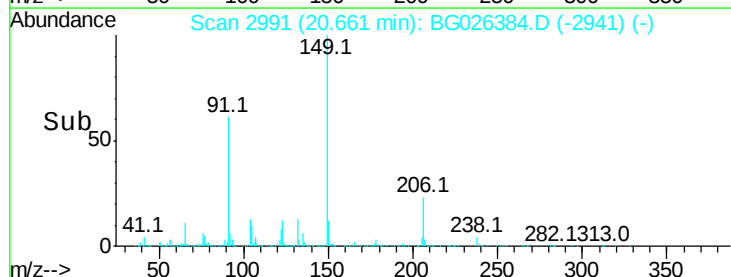
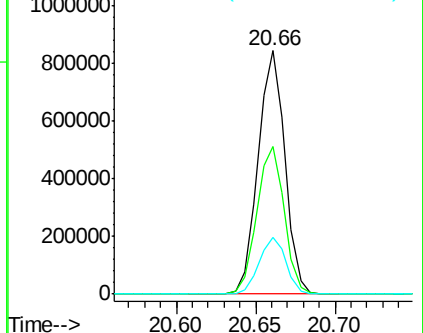
206 23.3 21.0 31.6

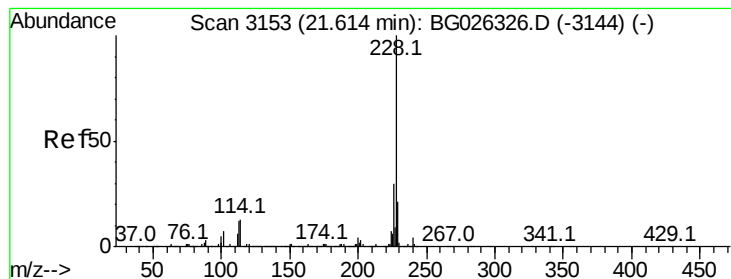


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 45.19 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

Instrument :

BNA_G

ClientSampleId :

JFC-SOIL-COMPMS

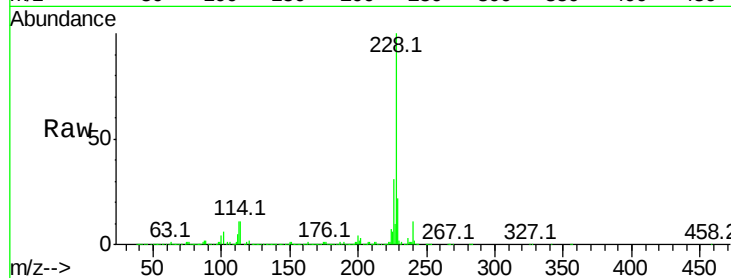
Tot Ion:228 Resp: 2184587

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.9	37.3
229	22.1	18.2	27.2

228 100

226 30.6 24.9 37.3

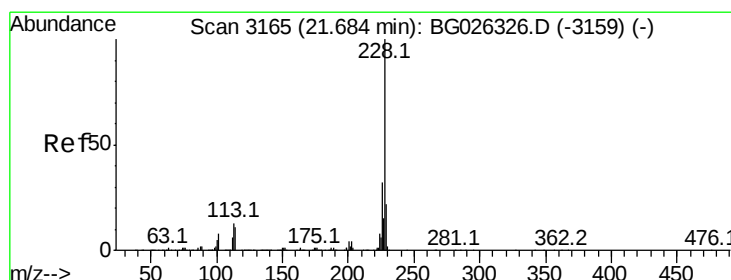
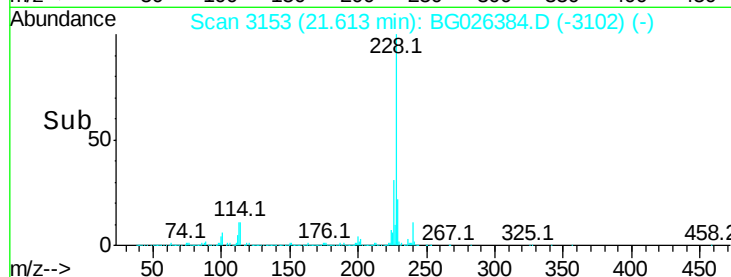
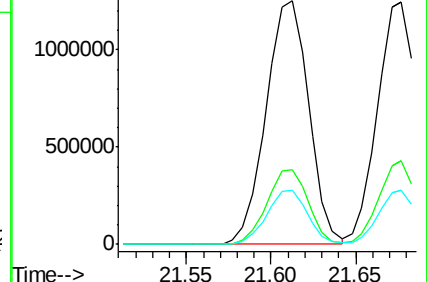
229 22.1 18.2 27.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 44.77 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.01 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

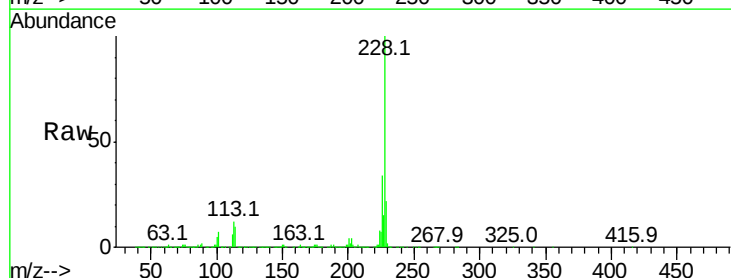
Tgt Ion:228 Resp: 2067513

Ion	Ratio	Lower	Upper
228	100		
226	34.3	27.0	40.4
229	22.4	17.8	26.6

228 100

226 34.3 27.0 40.4

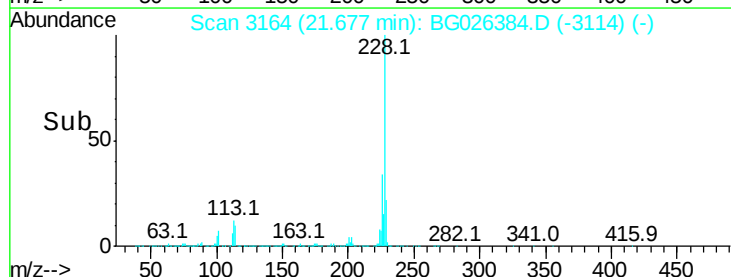
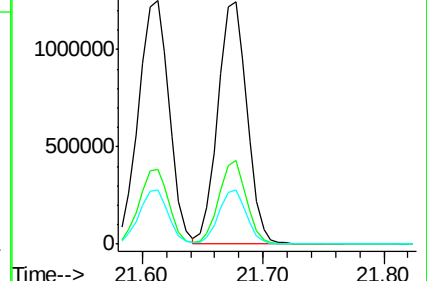
229 22.4 17.8 26.6

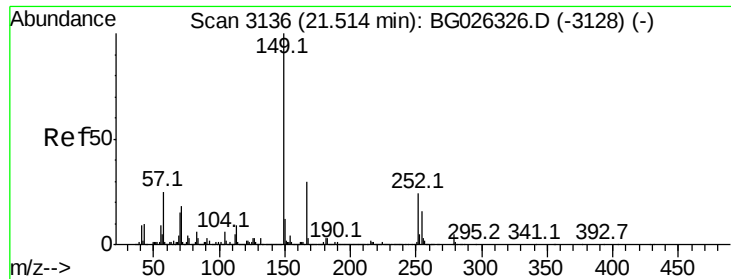


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

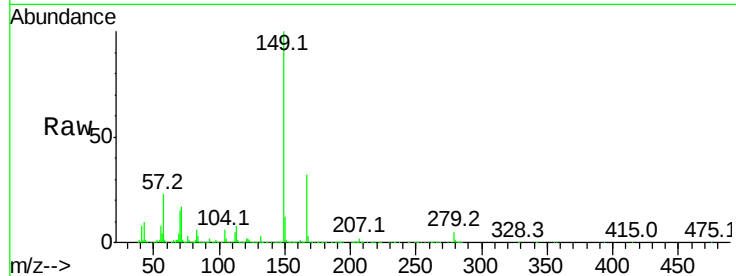




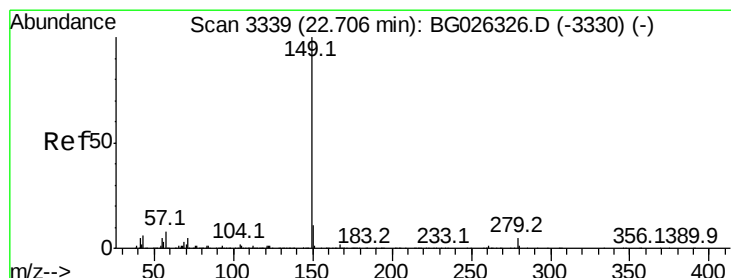
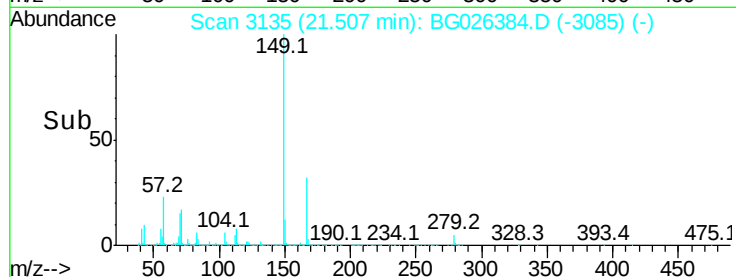
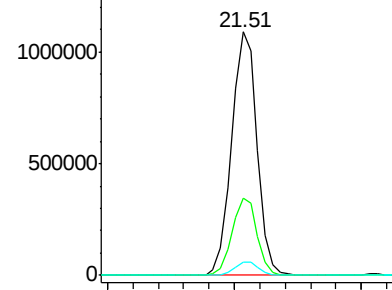
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.28 ng
 RT: 21.51 min Scan# 3135
 Delta R.T. -0.01 min
 Lab File: BG026384.D
 Acq: 22 Mar 2017 20:38

Instrument :
 BNA_G
 ClientSampleId :
 JFC-SOIL-COMPMS

Tot Ion:149 Resp: 1511255
 Ion Ratio Lower Upper
 149 100
 167 31.9 23.7 35.5
 279 5.3 4.6 6.8

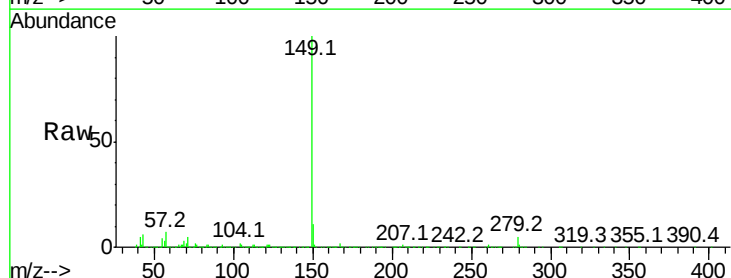


Abundance Ion 149.00 (148.70 to 149.70): E
 1500000 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

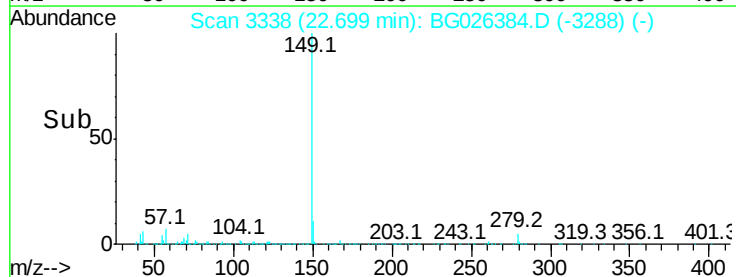
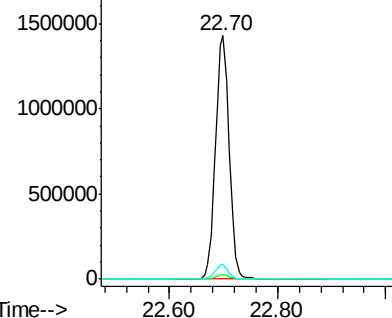


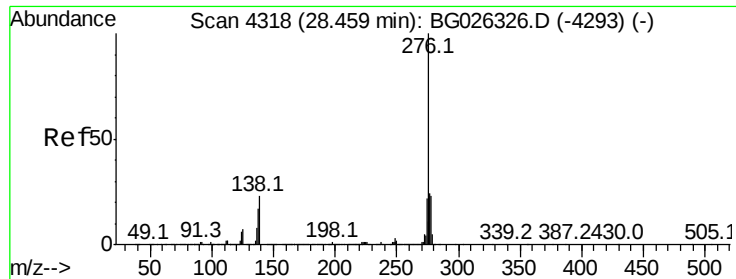
#84
 Di-n-octyl phthalate
 Concen: 50.43 ng
 RT: 22.70 min Scan# 3338
 Delta R.T. -0.01 min
 Lab File: BG026384.D
 Acq: 22 Mar 2017 20:38

Tgt Ion:149 Resp: 2586890
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.4 2.2
 43 5.7 11.8 17.6#



Abundance Ion 149.00 (148.70 to 149.70): E
 2000000 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BG0





#85

Indeno(1,2,3-cd)pyrene

Concen: 22.07 ng

RT: 28.43 min Scan# 4313

Delta R.T. -0.03 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

Instrument :

BNA_G

ClientSampleId :

JFC-SOIL-COMPMS

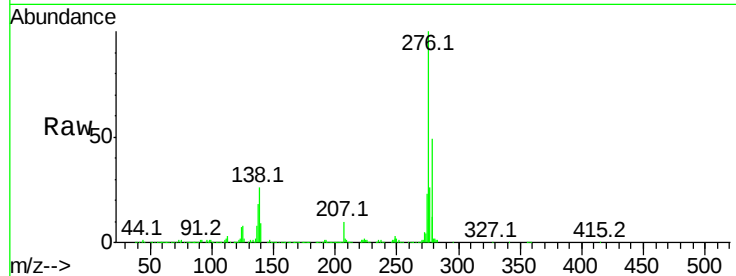
Tot Ion:276 Resp: 1258613

Ion Ratio Lower Upper

276 100

138 0.0 4.7 7.1#

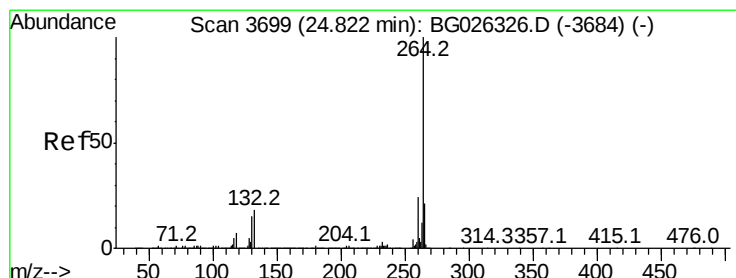
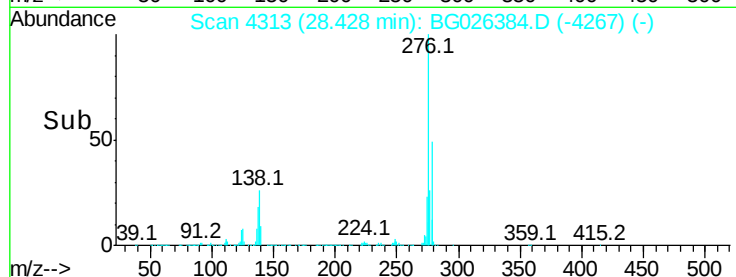
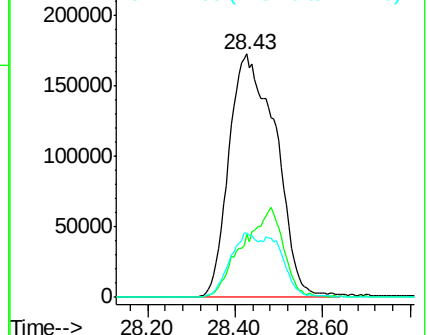
277 15.0 20.6 31.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.80 min Scan# 3695

Delta R.T. -0.02 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

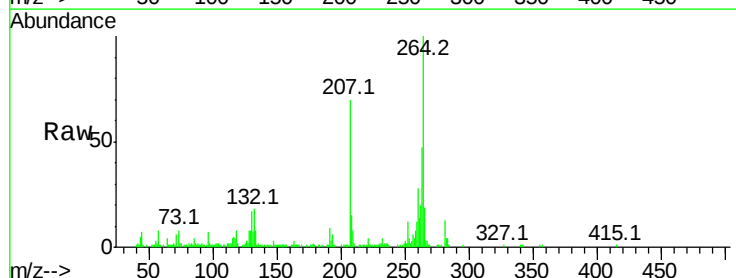
Tgt Ion:264 Resp: 72822

Ion Ratio Lower Upper

264 100

260 27.9 21.8 32.8

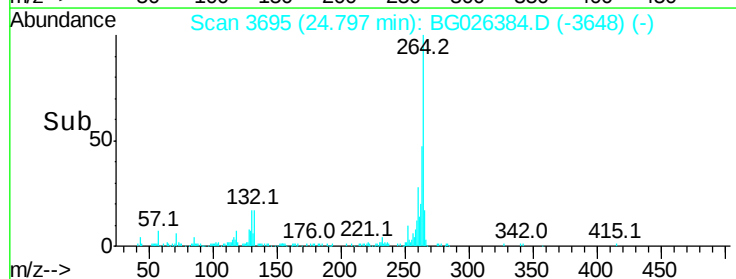
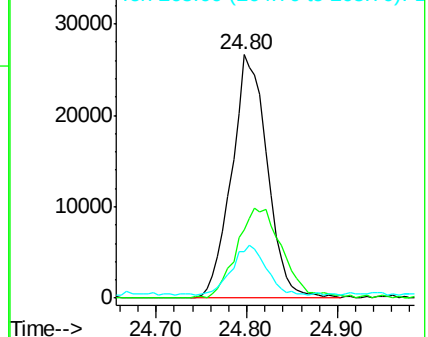
265 19.2 18.2 27.4

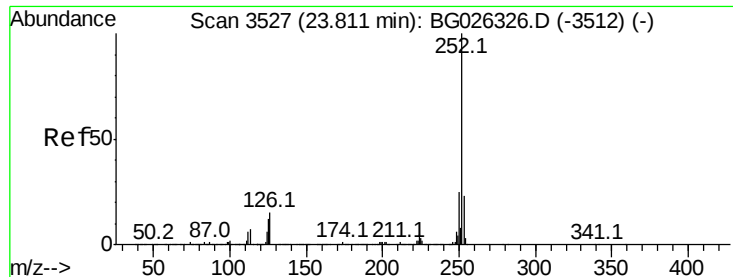


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 537.95 ng

RT: 23.80 min Scan# 3525

Delta R.T. -0.01 min

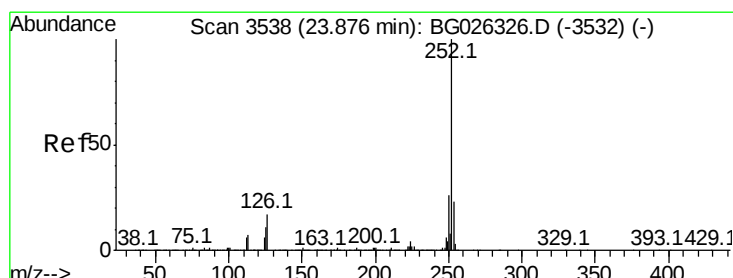
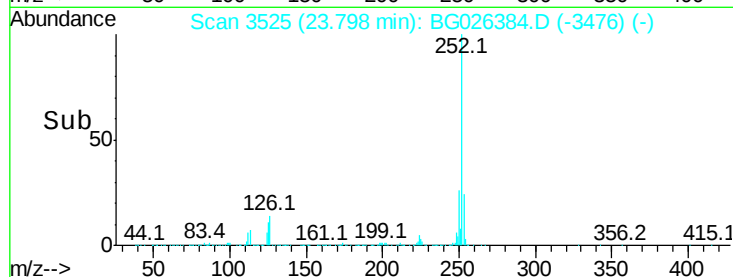
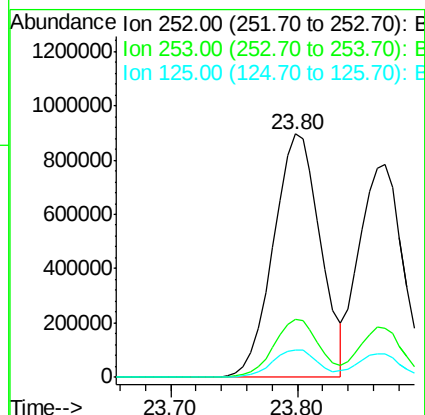
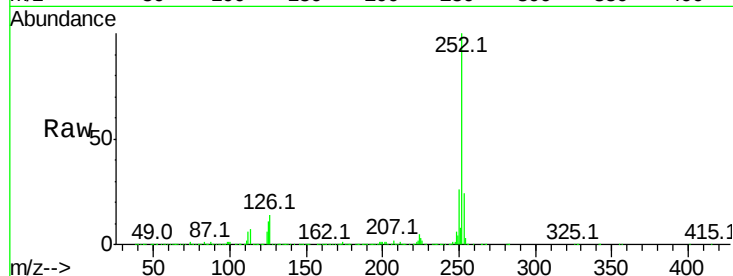
Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMS

Tot Ion:252 Resp: 2309310

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.7	28.1
125	11.4	5.3	7.9#



#88

Benzo(k)fluoranthene

Concen: 448.83 ng

RT: 23.87 min Scan# 3537

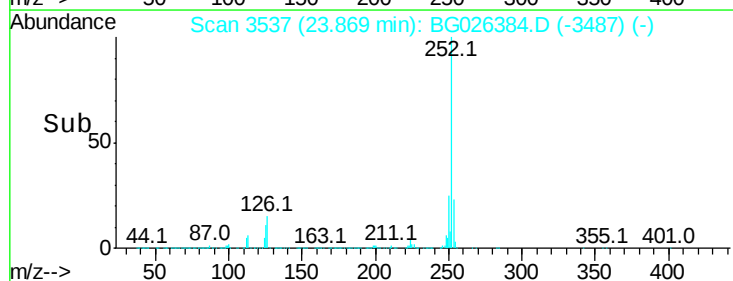
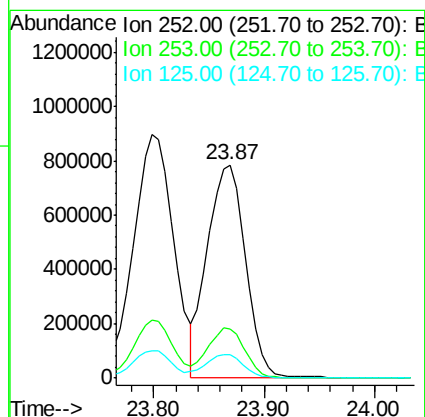
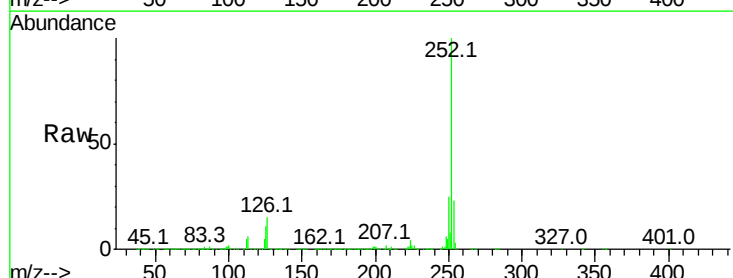
Delta R.T. -0.01 min

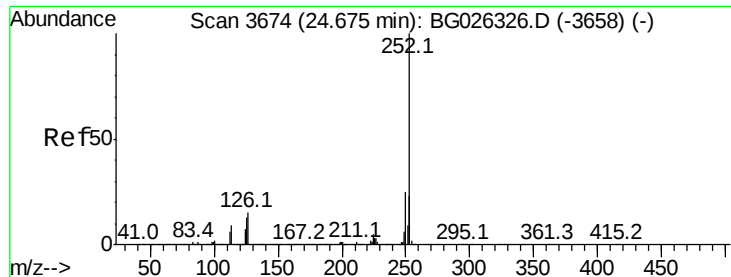
Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

Tgt Ion:252 Resp: 1868494

Ion	Ratio	Lower	Upper
252	100		
253	22.8	20.2	30.2
125	11.2	5.1	7.7#

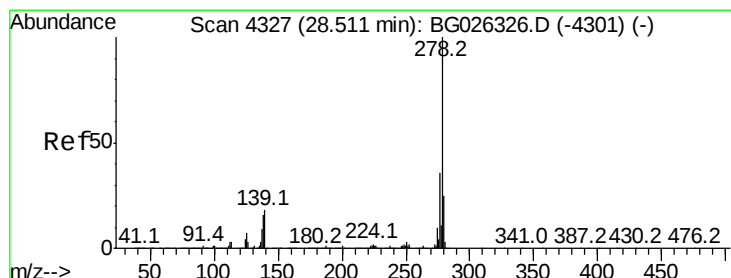
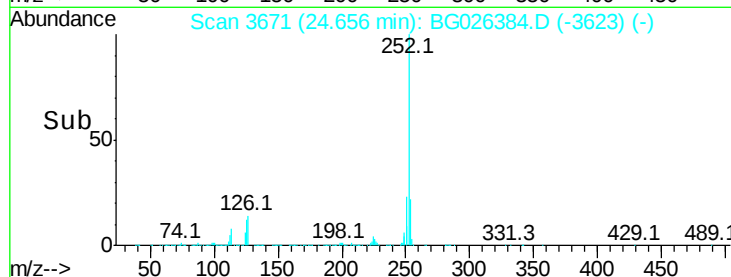
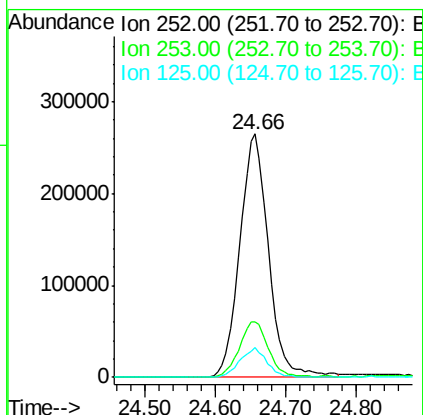
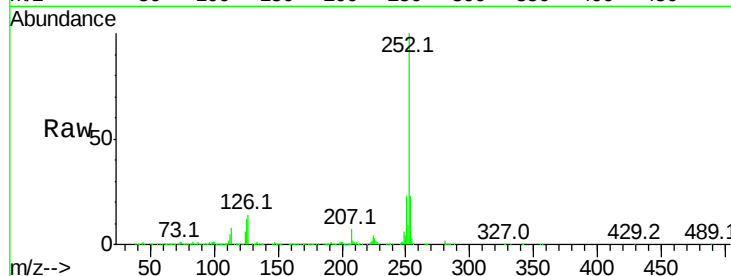




#89
Benzo(a)pyrene
Concen: 180.73 ng
RT: 24.66 min Scan# 3671
Delta R.T. -0.02 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

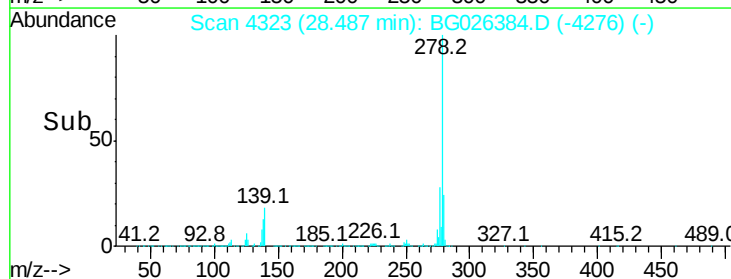
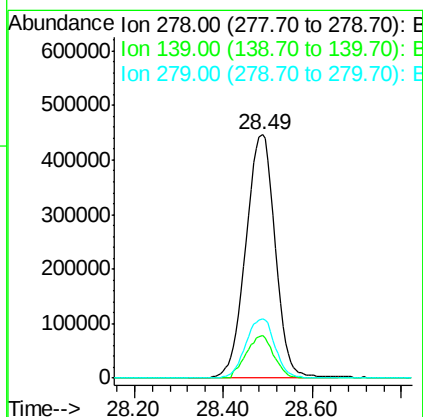
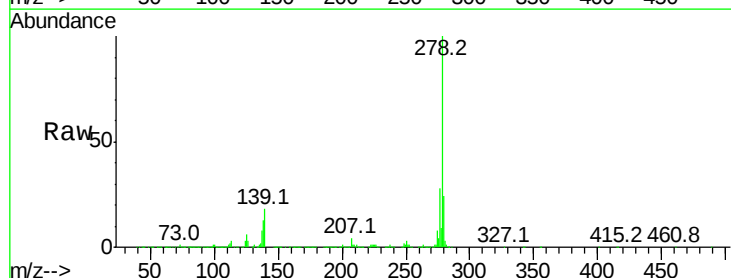
Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMS

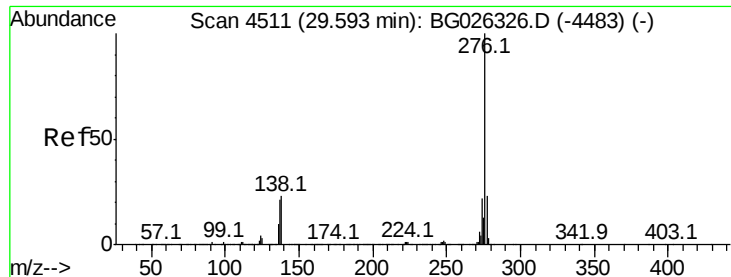
Tot Ion:252 Resp: 744124
Ion Ratio Lower Upper
252 100
253 22.6 19.2 28.8
125 12.1 5.4 8.0#



#90
Dibenzo(a,h)anthracene
Concen: 485.50 ng
RT: 28.49 min Scan# 4323
Delta R.T. -0.02 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

Tgt Ion:278 Resp: 2020260
Ion Ratio Lower Upper
278 100
139 17.7 7.7 11.5#
279 24.4 19.1 28.7





#91

Benzo(a,h,i)perylene

Concen: 179.58 ng

RT: 29.56 min Scan# 4506

Delta R.T. -0.03 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

Instrument :

BNA_G

ClientSampleId :

JFC-SOIL-COMPMS

Tot Ion:276 Resp: 752955

Ion Ratio Lower Upper

276 100

277 23.9 18.6 27.8

138 21.4 8.1 12.1#

