

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032217\
 Data File : BG026385.D
 Acq On : 22 Mar 2017 21:17
 Operator : SJ/MA
 Sample : I2348-09MSD
 Misc : L00 20 PPB
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JFC-SOIL-COMPMSD

Quant Time: Mar 23 01:14:48 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	145581	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	598433	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	352507	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	863083	20.00	ng	0.00
75) Chrysene-d12	21.63	240	961820	20.00	ng	0.00
86) Perylene-d12	24.81	264	795462	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1127805	137.50	ng	0.00
7) Phenol-d6	7.21	99	1414180	128.43	ng	0.00
23) Nitrobenzene-d5	9.20	82	839646	84.36	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	669286	165.80	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	2235769	88.95	ng	0.00
78) Terphenyl-d14	19.98	244	3165152	79.92	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	130910	35.56	ng	# 70
3) Pyridine	3.91	79	383948	38.08	ng	# 59
4) n-Nitrosodimethylamine	3.82	42	107341	38.95	ng	# 1
6) Aniline	7.37	93	189681	12.89	ng	# 83
8) 2-Chlorophenol	7.61	128	427550	46.29	ng	# 78
9) Benzaldehyde	7.18	77	93900	12.63	ng	# 67
10) Phenol	7.24	94	484584	41.24	ng	# 68
11) bis(2-Chloroethyl)ether	7.46	93	399727	41.48	ng	# 81
12) 1,3-Dichlorobenzene	7.94	146	449844	40.91	ng	# 86
13) 1,4-Dichlorobenzene	8.08	146	455687	40.97	ng	# 93
14) 1,2-Dichlorobenzene	8.40	146	441689	41.50	ng	# 91
15) Benzyl Alcohol	8.28	79	304877	42.23	ng	# 77
16) 2,2'-oxybis(1-Chloropropan	8.57	45	372085	34.77	ng	# 80
17) 2-Methylphenol	8.48	107	365664	43.82	ng	# 81
18) Hexachloroethane	9.13	117	142783	39.26	ng	# 94
19) n-Nitroso-di-n-propylamine	8.84	70	290131	40.98	ng	# 69
20) 3+4-Methylphenols	8.81	107	511371	44.51	ng	# 83
22) Acetophenone	8.86	105	607118	44.12	ng	# 73
24) Nitrobenzene	9.25	77	414830	42.21	ng	# 70
25) Isophorone	9.76	82	826699	44.07	ng	# 89
26) 2-Nitrophenol	9.95	139	252554	49.39	ng	# 63
27) 2,4-Dimethylphenol	10.01	122	420617	50.11	ng	# 85
28) bis(2-Chloroethoxy)methane	10.24	93	539863	44.30	ng	# 98
29) 2,4-Dichlorophenol	10.49	162	449014	52.90	ng	# 94
30) 1,2,4-Trichlorobenzene	10.70	180	445515	46.72	ng	# 99
31) Naphthalene	10.89	128	1300999	43.00	ng	# 100
32) Benzoic acid	10.15	122	269656	41.75	ng	# 68
34) Hexachlorobutadiene	11.18	225	256109	45.53	ng	# 98
35) Caprolactam	11.76	113	68044	20.35	ng	# 51
36) 4-Chloro-3-methylphenol	12.11	107	446210	49.14	ng	# 74
37) 2-Methylnaphthalene	12.49	142	1017074	45.89	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	483444	45.58	ng	# 98
40) Hexachlorocyclopentadiene	12.84	237	544154	97.47	ng	# 96
42) 2,4,6-Trichlorophenol	13.10	196	364916	52.55	ng	# 97

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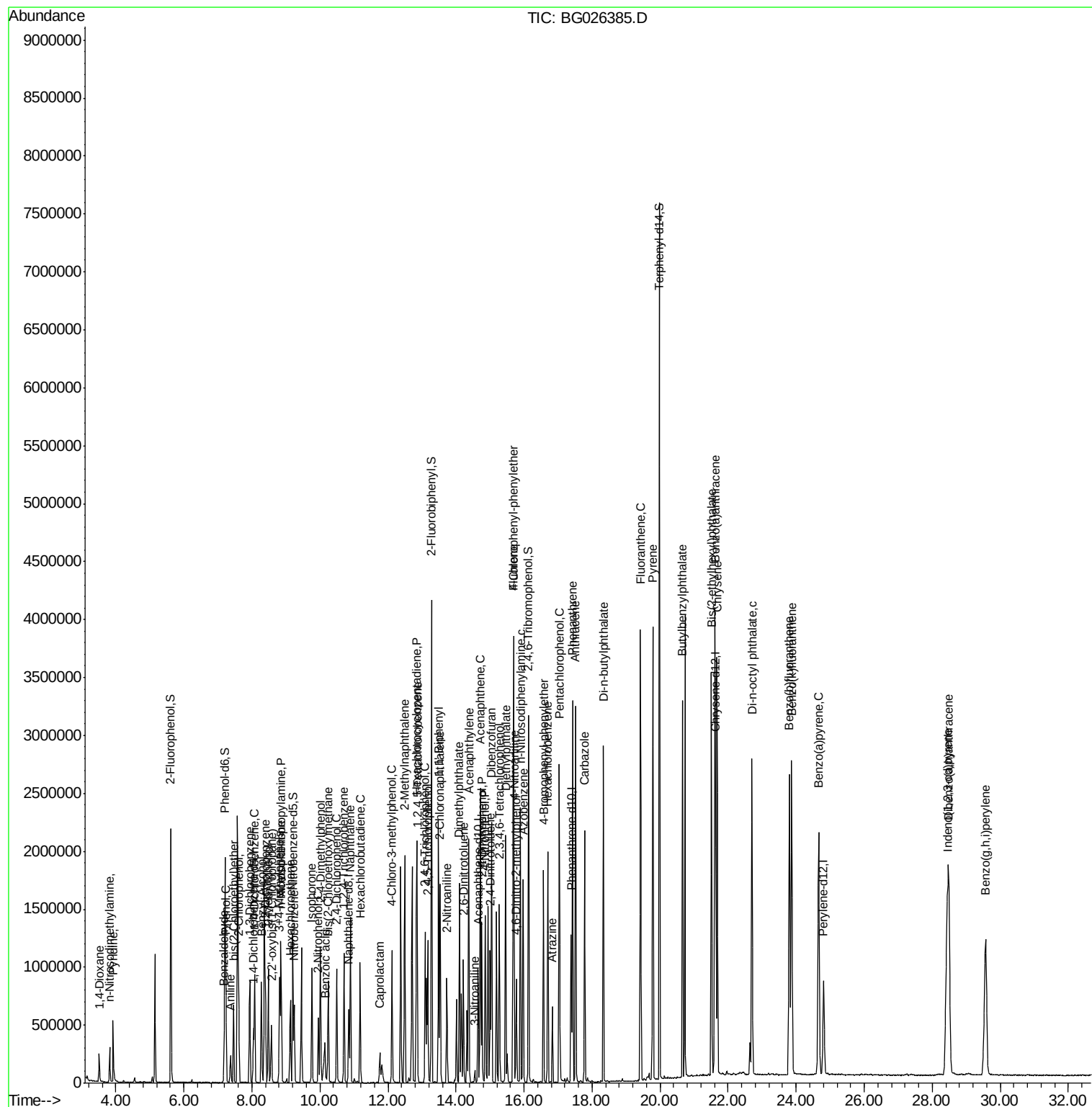
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.17	196	385863	50.27	nq	# 91
45) 1,1'-Biphenyl	13.49	154	1310329	44.88	nq	99
46) 2-Chloronaphthalene	13.54	162	984130	46.16	nq	96
47) 2-Nitroaniline	13.73	65	256016	42.22	nq	# 49
48) Acenaphthylene	14.38	152	1632691	43.93	nq	99
49) Dimethylphthalate	14.10	163	1295205	48.68	nq	99
50) 2,6-Dinitrotoluene	14.22	165	309984	49.92	nq	# 55
51) Acenaphthene	14.72	154	1019992	44.56	nq	98
52) 3-Nitroaniline	14.55	138	41723	6.10	nq	# 67
53) 2,4-Dinitrophenol	14.76	184	397151	110.25	nq	# 75
54) Dibenzofuran	15.05	168	1580985	49.06	nq	90
55) 4-Nitrophenol	14.86	139	529296	94.53	nq	# 39
56) 2,4-Dinitrotoluene	15.01	165	439732	50.35	nq	# 69
57) Fluorene	15.69	166	1308845	45.64	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.27	232	361205	53.95	nq	# 96
59) Diethylphthalate	15.46	149	1297227	47.70	nq	98
60) 4-Chlorophenyl-phenylether	15.68	204	646906	47.60	nq	91
61) 4-Nitroaniline	15.71	138	254036	35.12	nq	# 48
62) Azobenzene	15.97	77	1036825	46.89	nq	78
64) 4,6-Dinitro-2-methylphenol	15.77	198	282588	51.93	nq	85
65) n-Nitrosodiphenylamine	15.89	169	999918	39.48	nq	99
66) 4-Bromophenyl-phenylether	16.57	248	431892	48.62	nq	95
67) Hexachlorobenzene	16.70	284	452229	47.72	nq	91
68) Atrazine	16.83	200	137205	14.31	nq	94
69) Pentachlorophenol	17.04	266	583100	94.64	nq	99
70) Phenanthrene	17.43	178	2037279	43.96	nq	98
71) Anthracene	17.51	178	2110258	44.63	nq	98
72) Carbazole	17.78	167	1510989	31.03	nq	# 95
73) Di-n-butylphthalate	18.33	149	2278080	45.54	nq	# 94
74) Fluoranthene	19.42	202	2440277	44.77	nq	97
77) Pyrene	19.79	202	2481129	44.55	nq	98
79) Butylbenzylphthalate	20.66	149	1078974	48.42	nq	# 84
80) Benzo(a)anthracene	21.61	228	2427509	44.85	nq	100
82) Chrysene	21.67	228	2234473	43.21	nq	100
83) Bis(2-ethylhexyl)phthalate	21.51	149	1562271	46.42	nq	95
84) Di-n-octyl phthalate	22.70	149	2662516	46.35	nq	# 81
85) Indeno(1,2,3-cd)pyrene	28.44	276	2865562	44.88	nq	# 88
87) Benzo(b)fluoranthene	23.80	252	2554137	54.47	nq	# 97
88) Benzo(k)fluoranthene	23.87	252	2537788	55.81	nq	# 96
89) Benzo(a)pyrene	24.66	252	2349311	52.23	nq	# 96
90) Dibenzo(a,h)anthracene	28.48	278	2502224	55.05	nq	# 94
91) Benzo(g,h,i)perylene	29.57	276	2270230	49.57	nq	# 88

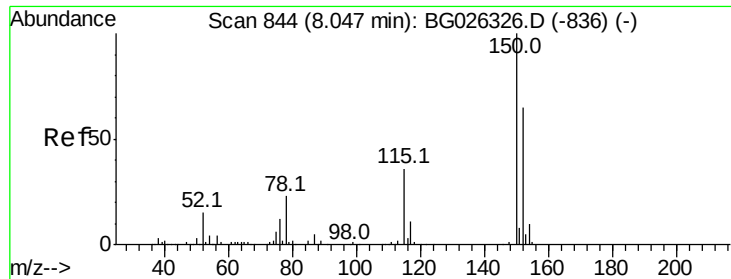
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.00 min

Lab File: BG026385.D

Acq: 22 Mar 2017 21:17

Instrument :

BNA_G

ClientSampleId :

JFC-SOIL-COMPMSD

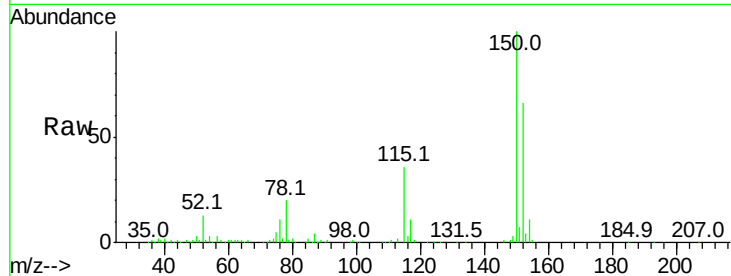
Tot Ion:152 Resp: 145581

Ion Ratio Lower Upper

152 100

150 152.4 114.0 171.0

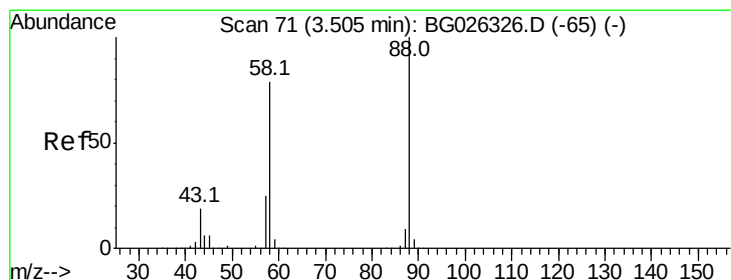
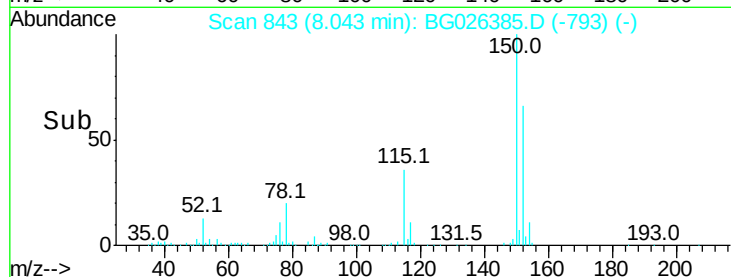
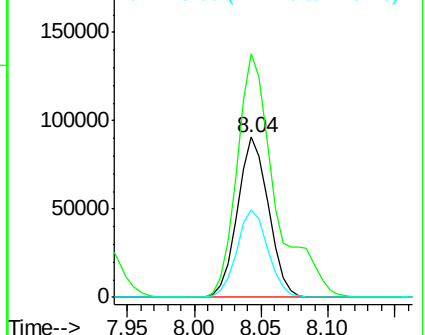
115 54.9 48.1 72.1



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: 35.56 ng

RT: 3.51 min Scan# 72

Delta R.T. 0.01 min

Lab File: BG026385.D

Acq: 22 Mar 2017 21:17

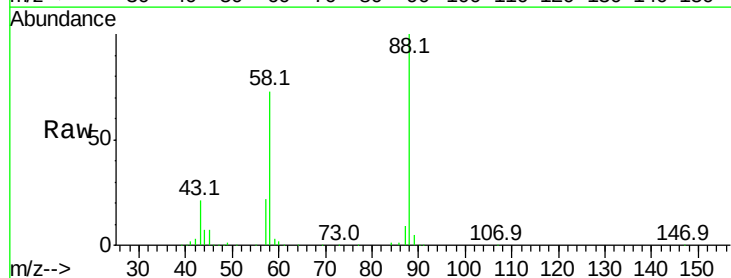
Tgt Ion: 88 Resp: 130910

Ion Ratio Lower Upper

88 100

58 72.2 79.4 119.2#

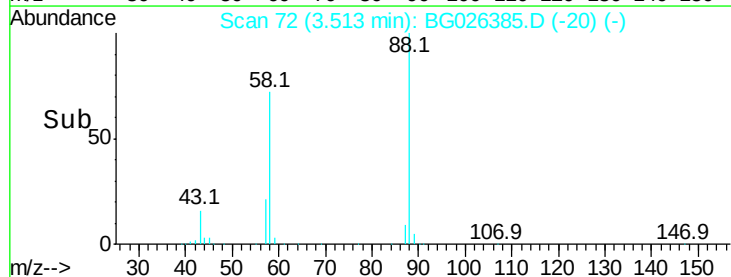
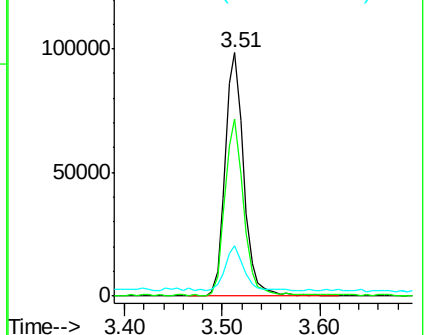
43 18.2 33.8 50.6#

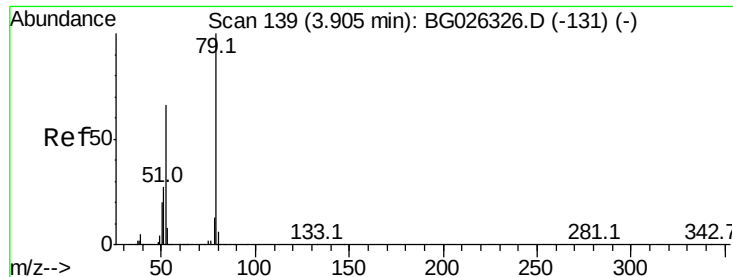


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 38.08 ng

RT: 3.91 min Scan# 140

Delta R.T. 0.01 min

Lab File: BG026385.D

Acq: 22 Mar 2017 21:17

Instrument :

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ClientSampleId :

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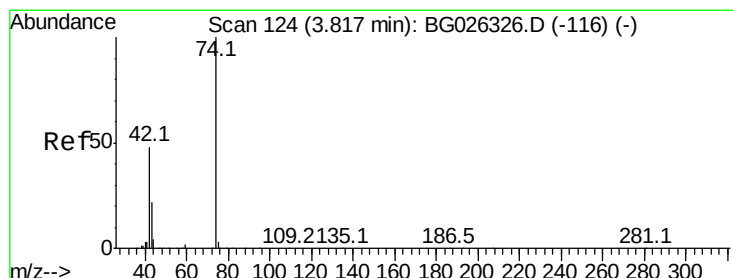
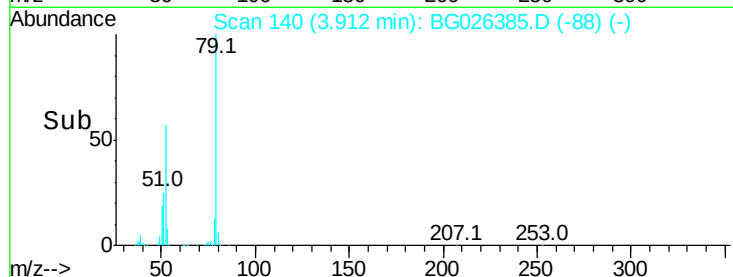
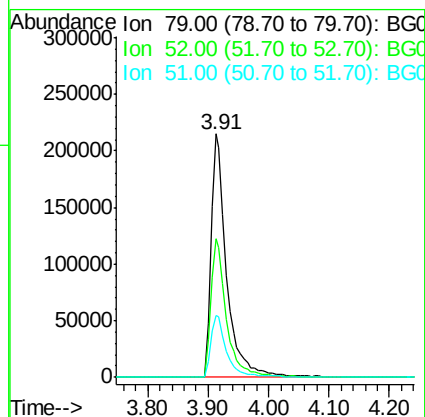
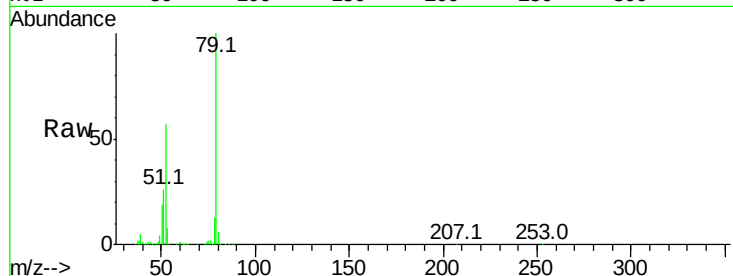
Tot Ion: 79 Resp: 383948

Ion Ratio Lower Upper

79 100

52 56.7 77.8 116.6#

51 25.6 43.2 64.8#



#4

n-Nitrosodimethylamine

Concen: 38.95 ng

RT: 3.82 min Scan# 124

Delta R.T. 0.00 min

Lab File: BG026385.D

Acq: 22 Mar 2017 21:17

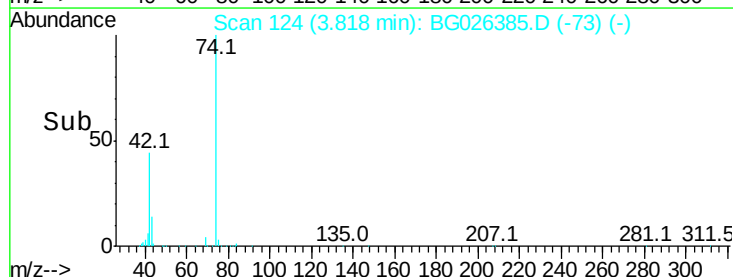
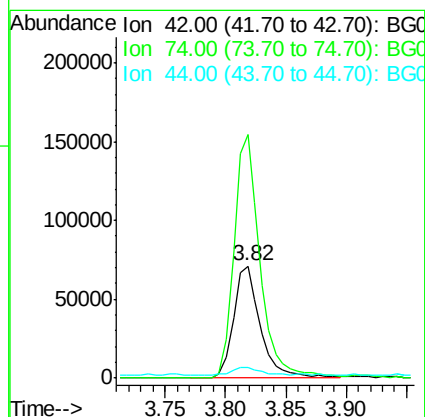
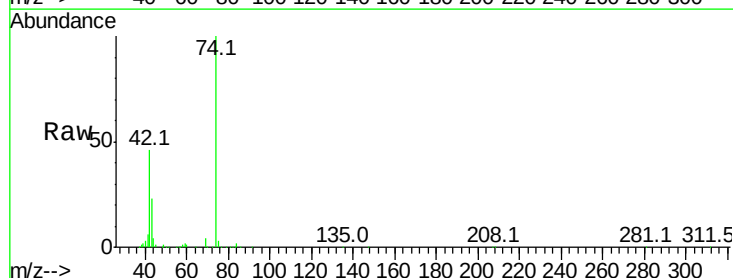
Tgt Ion: 42 Resp: 107341

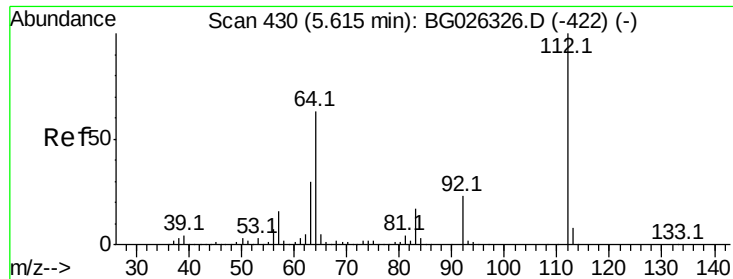
Ion Ratio Lower Upper

42 100

74 217.9 76.7 115.1#

44 9.7 6.1 9.1#





#5

2-Fluorophenol

Concen: 137.50 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG026385.D

Acq: 22 Mar 2017 21:17

Instrument :

BNA_G

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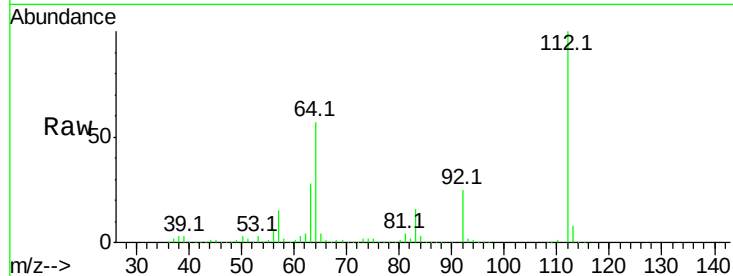
Tot Ion:112 Resp: 1127805

Ion Ratio Lower Upper

112 100

64 56.6 61.8 92.6#

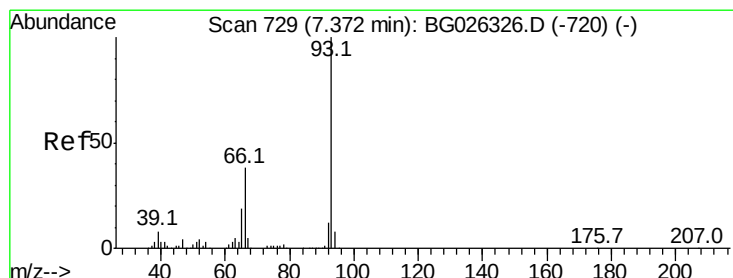
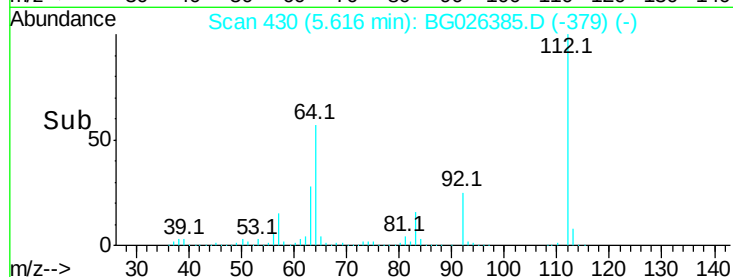
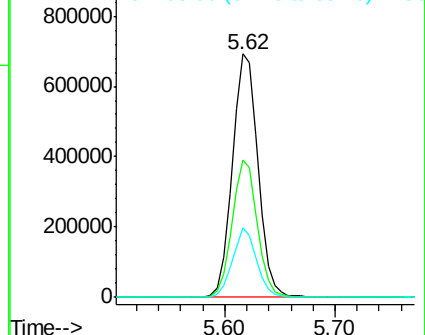
63 28.5 37.2 55.8#



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: 12.89 ng

RT: 7.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BG026385.D

Acq: 22 Mar 2017 21:17

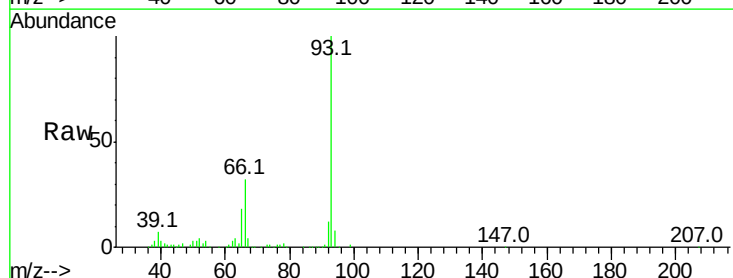
Tgt Ion: 93 Resp: 189681

Ion Ratio Lower Upper

93 100

66 32.4 35.4 53.2#

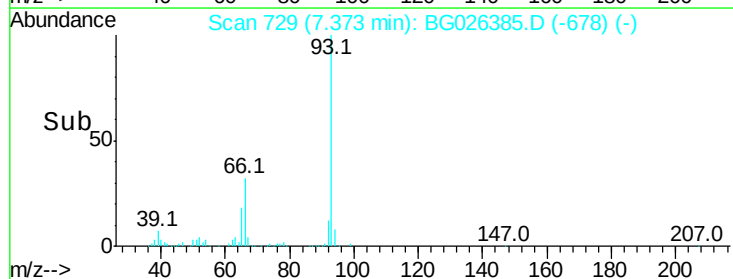
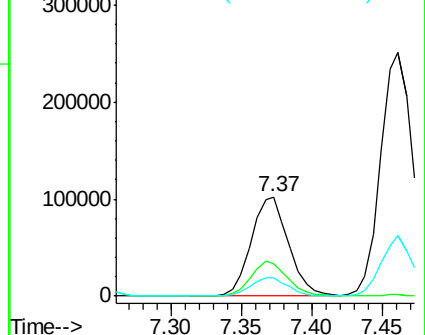
65 18.3 21.2 31.8#

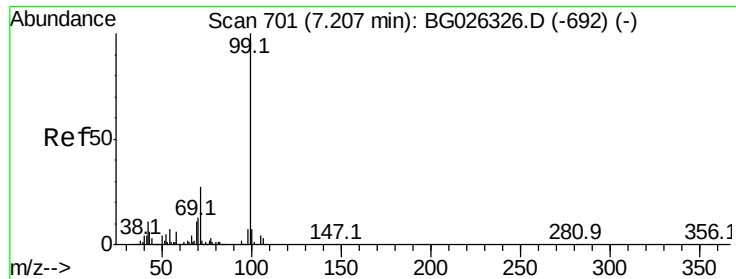


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 128.43 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG026385.D

Acq: 22 Mar 2017 21:17

Instrument :

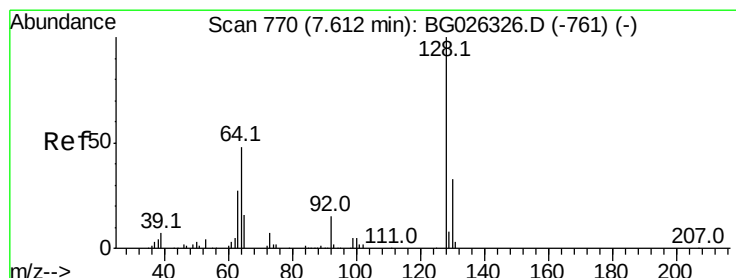
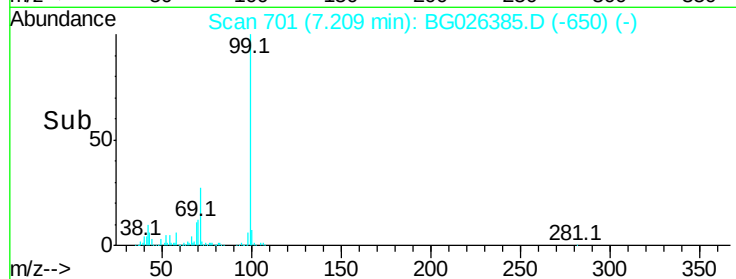
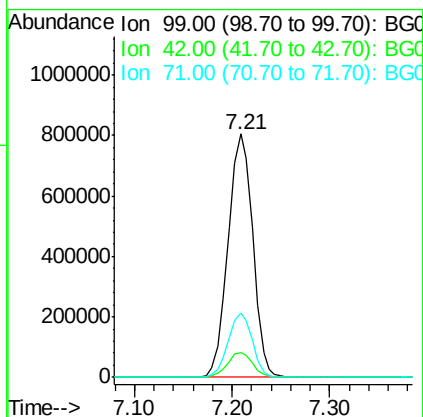
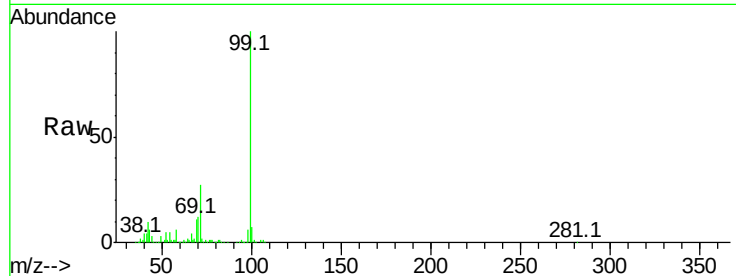
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Tot Ion: 99 Resp: 1414180

Ion	Ratio	Lower	Upper
99	100		
42	10.4	20.5	30.7#
71	26.6	37.6	56.4#



#8

2-Chlorophenol

Concen: 46.29 ng

RT: 7.61 min Scan# 770

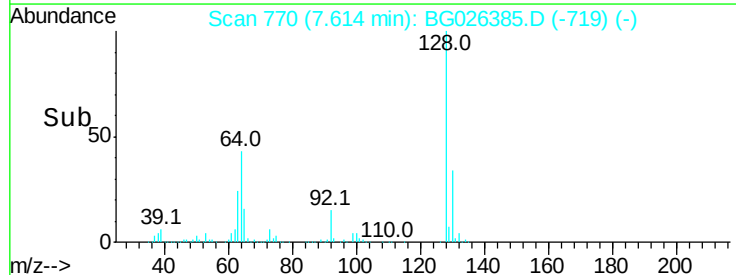
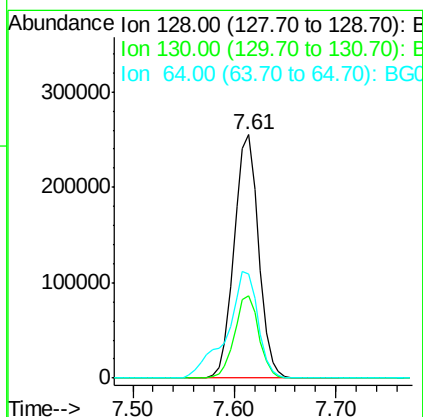
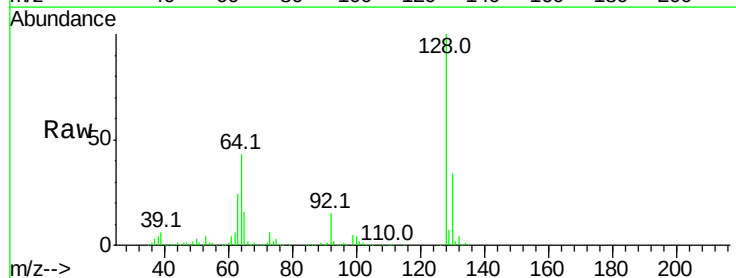
Delta R.T. 0.00 min

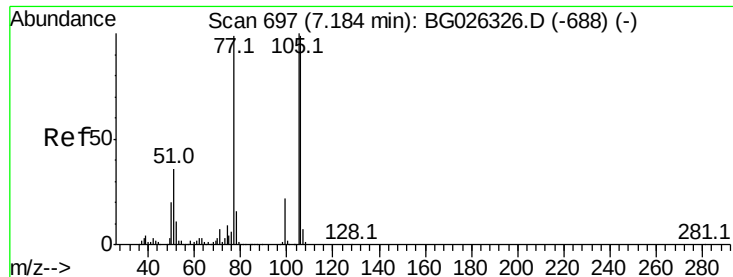
Lab File: BG026385.D

Acq: 22 Mar 2017 21:17

Tgt Ion: 128 Resp: 427550

Ion	Ratio	Lower	Upper
128	100		
130	33.9	11.4	51.4
64	42.9	46.6	86.6#





#9

Benzaldehyde

Concen: 12.63 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.00 min

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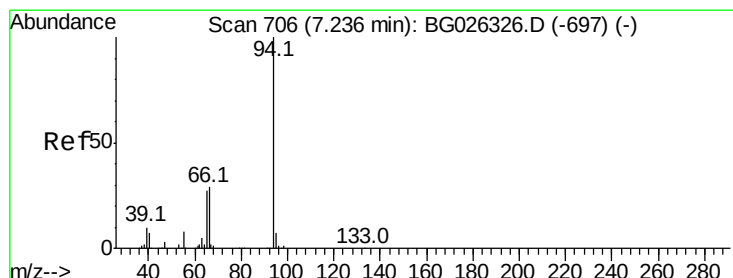
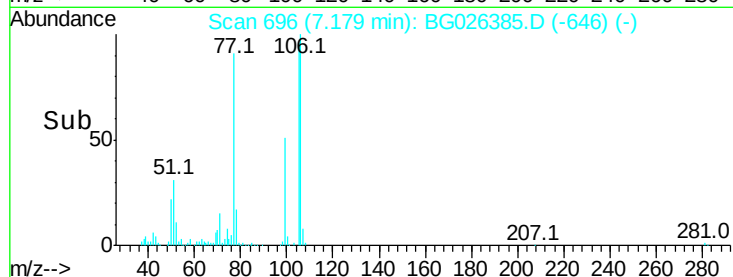
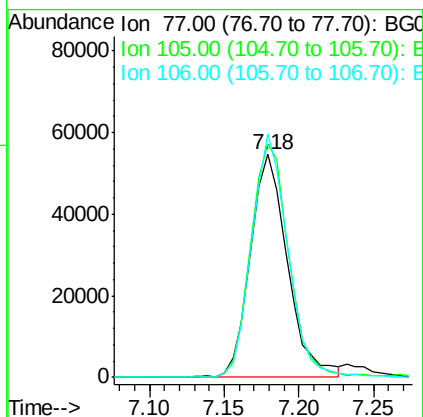
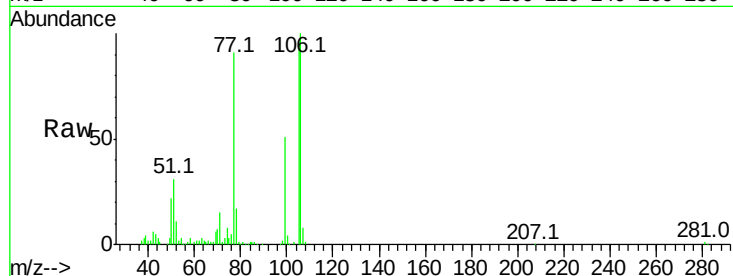
Tot Ion: 77 Resp: 93900

Ion Ratio Lower Upper

77 100

105 105.0 60.9 100.9#

106 109.3 55.1 95.1#



#10

Phenol

Concen: 41.24 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

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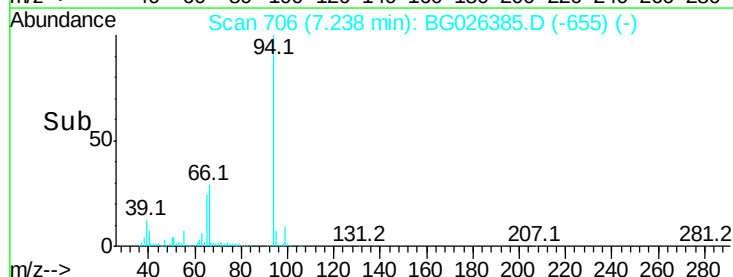
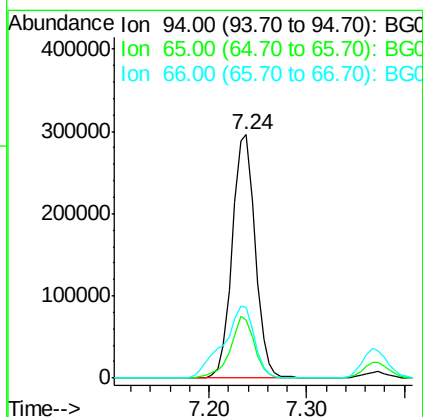
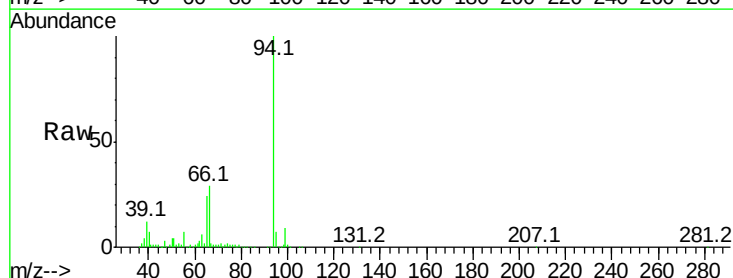
Tgt Ion: 94 Resp: 484584

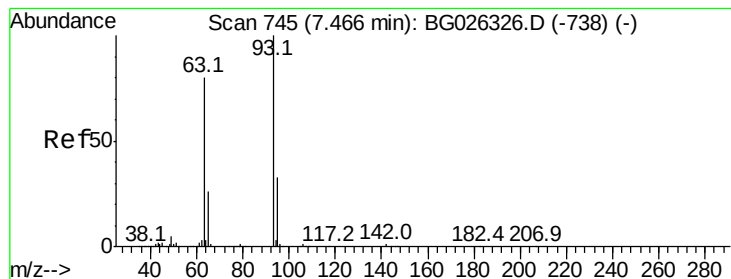
Ion Ratio Lower Upper

94 100

65 24.0 20.6 60.6

66 29.0 35.5 75.5#





#11

bis(2-Chloroethyl)ether

Concen: 41.48 ng

RT: 7.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BG026385.D

Acq: 22 Mar 2017 21:17

Instrument :

BNA_G

ClientSampleId :

JFC-SOIL-COMPMSD

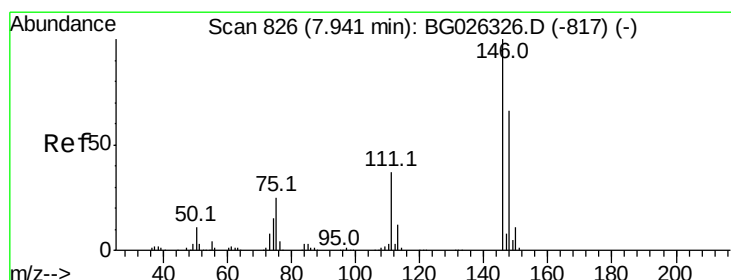
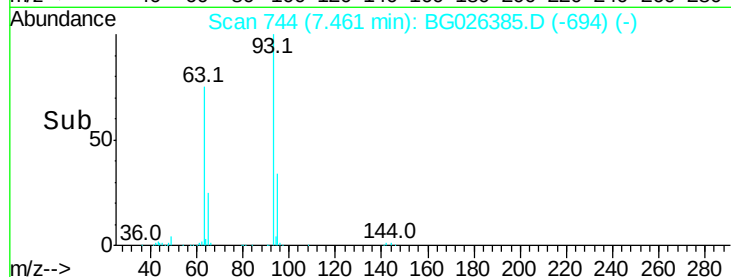
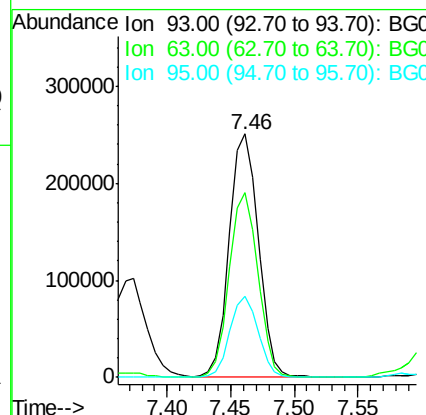
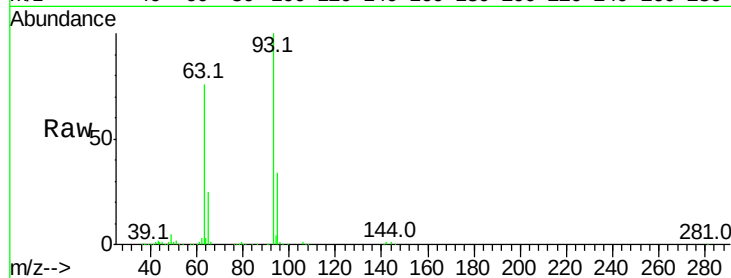
Tot Ion: 93 Resp: 399727

Ion Ratio Lower Upper

93 100

63 75.8 78.5 118.5#

95 33.5 9.8 49.8



#12

1,3-Dichlorobenzene

Concen: 40.91 ng

RT: 7.94 min Scan# 825

Delta R.T. -0.00 min

Lab File: BG026385.D

Acq: 22 Mar 2017 21:17

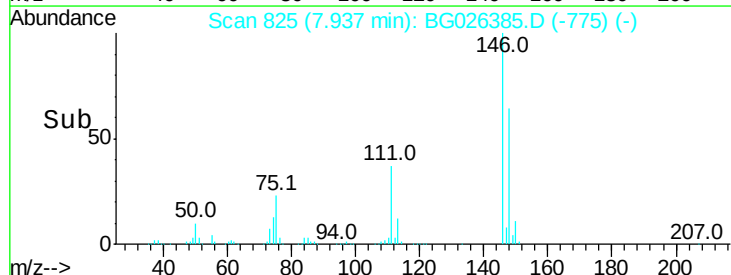
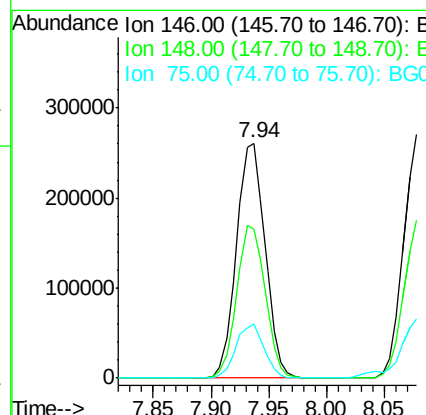
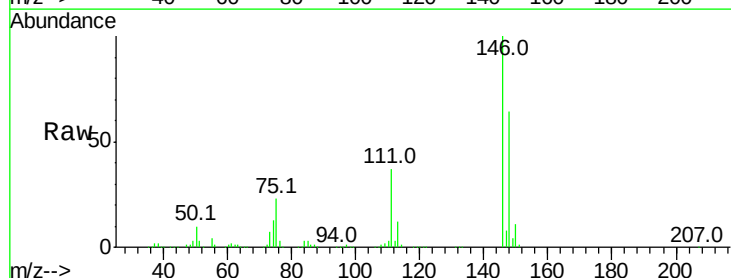
Tgt Ion: 146 Resp: 449844

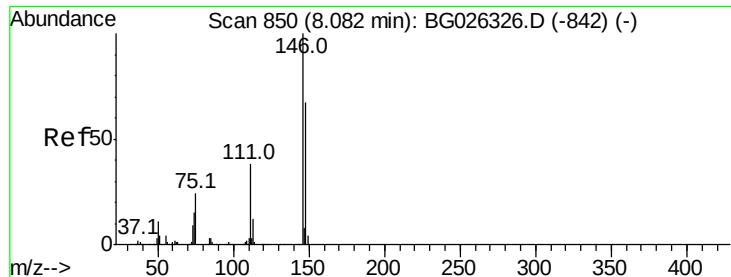
Ion Ratio Lower Upper

146 100

148 63.6 49.2 73.8

75 23.2 33.4 50.2#

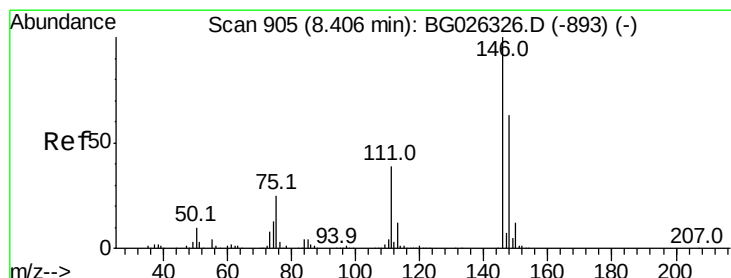
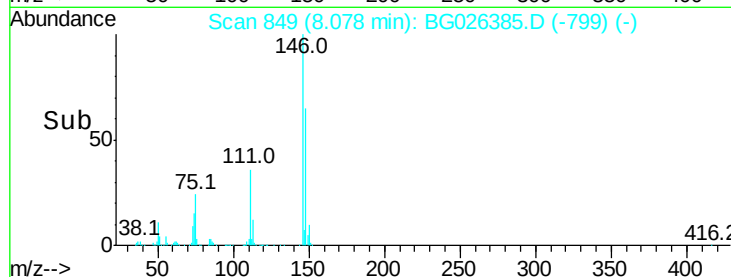
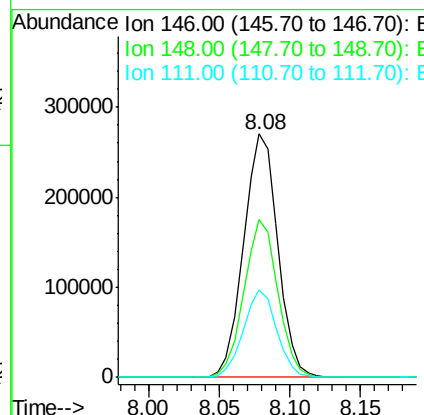
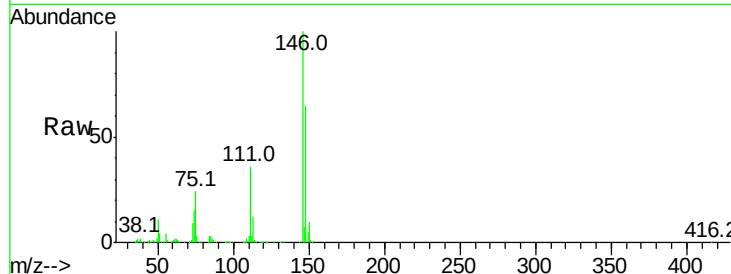




#13
 1,4-Dichlorobenzene
 Concen: 40.97 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: BG026385.D
 Acq: 22 Mar 2017 21:17

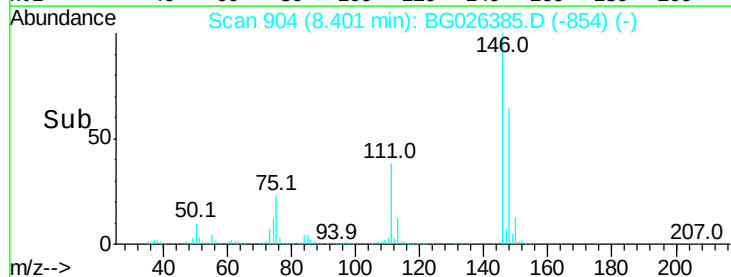
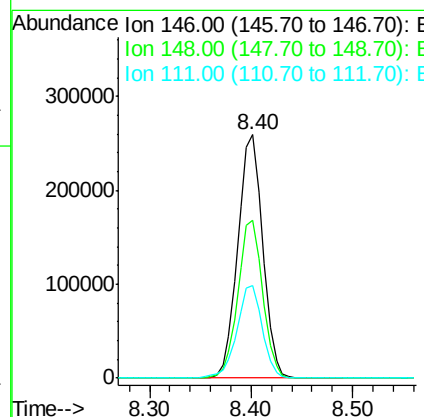
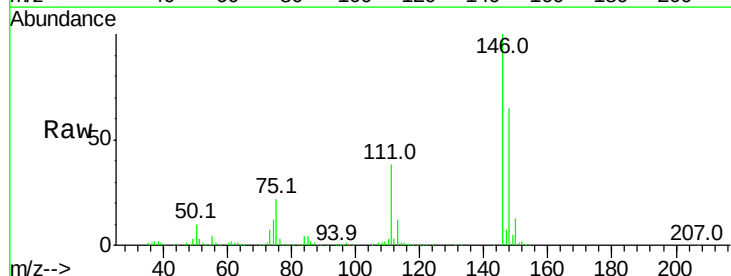
Instrument :
 BNA_G
 ClientSampleId :
 JFC-SOIL-COMPMSD

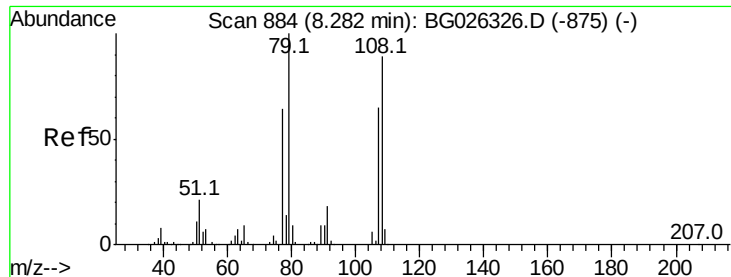
Tot Ion:146 Resp: 455687
 Ion Ratio Lower Upper
 146 100
 148 65.0 52.2 78.2
 111 35.9 37.0 55.6#



#14
 1,2-Dichlorobenzene
 Concen: 41.50 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BG026385.D
 Acq: 22 Mar 2017 21:17

Tgt Ion:146 Resp: 441689
 Ion Ratio Lower Upper
 146 100
 148 64.7 54.6 81.8
 111 38.3 39.7 59.5#





#15

Benzyl Alcohol

Concen: 42.23 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG026385.D

Acq: 22 Mar 2017 21:17

Instrument :

BNA_G

ClientSampleId :

JFC-SOIL-COMPMSD

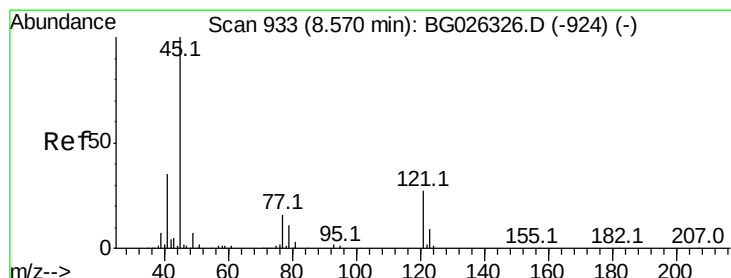
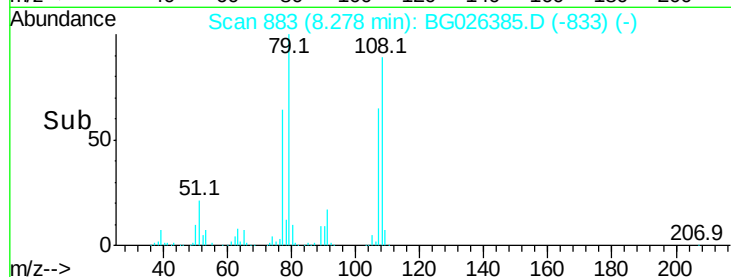
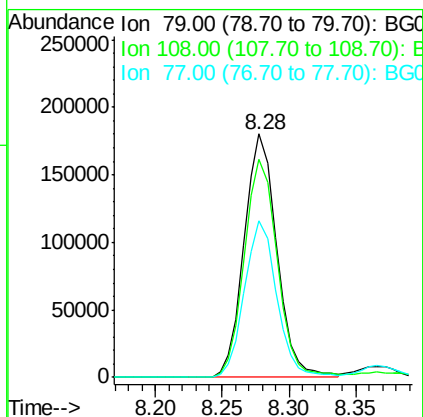
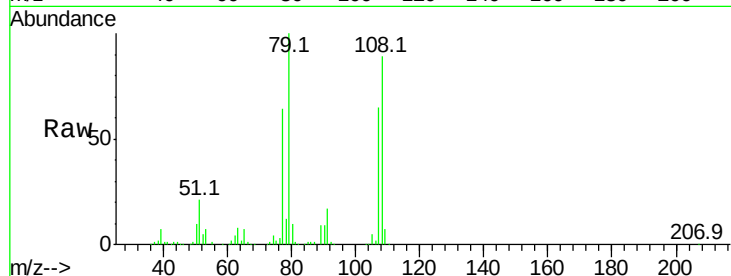
Tot Ion: 79 Resp: 304877

Ion Ratio Lower Upper

79 100

108 89.4 45.5 68.3#

77 64.2 54.3 81.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.77 ng

RT: 8.57 min Scan# 933

Delta R.T. 0.00 min

Lab File: BG026385.D

Acq: 22 Mar 2017 21:17

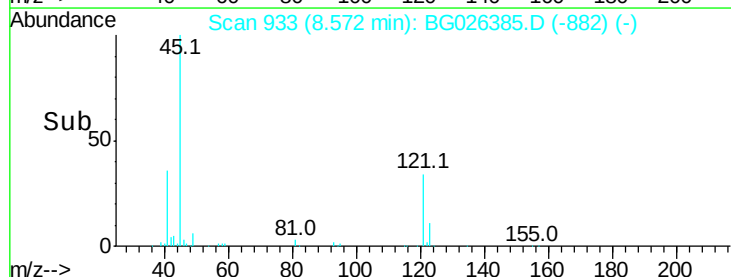
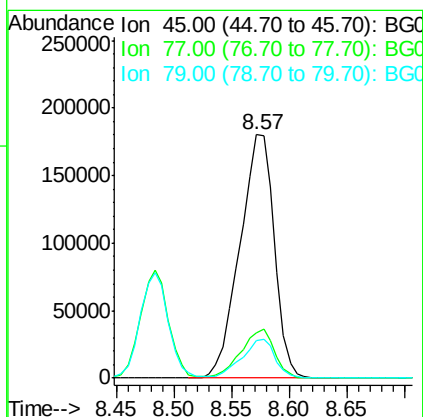
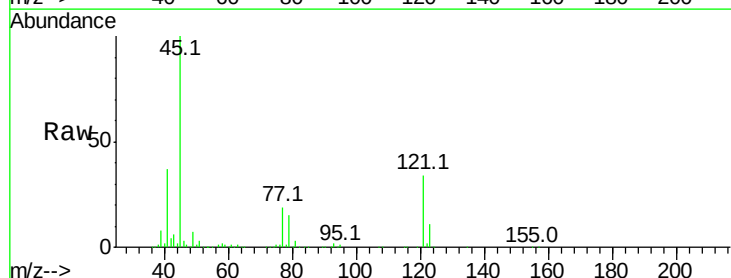
Tgt Ion: 45 Resp: 372085

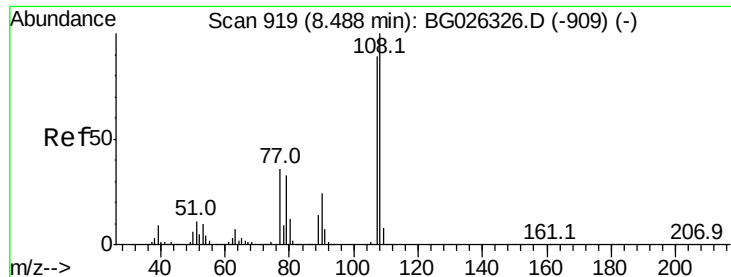
Ion Ratio Lower Upper

45 100

77 18.6 0.0 30.6

79 15.4 0.0 28.5





#17

2-Methylphenol

Concen: 43.82 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.00 min

Lab File: BG026385.D

Acq: 22 Mar 2017 21:17

Instrument :

BNA_G

ClientSampleId :

JFC-SOIL-COMPMSD

Tot Ion:107 Resp: 365664

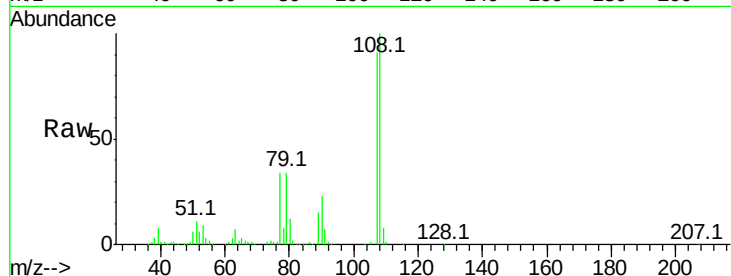
Ion Ratio Lower Upper

107 100

108 110.3 85.6 128.4

77 37.8 51.4 77.2#

79 37.0 49.2 73.8#

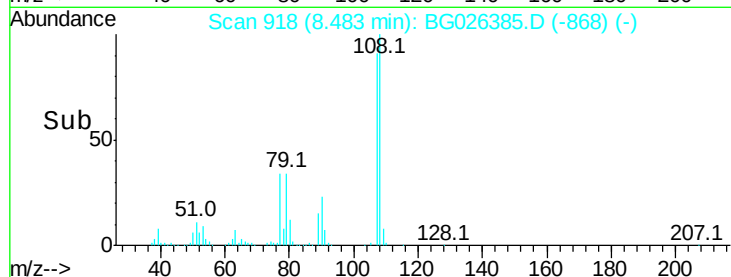


Abundance Ion 107.00 (106.70 to 107.70): E

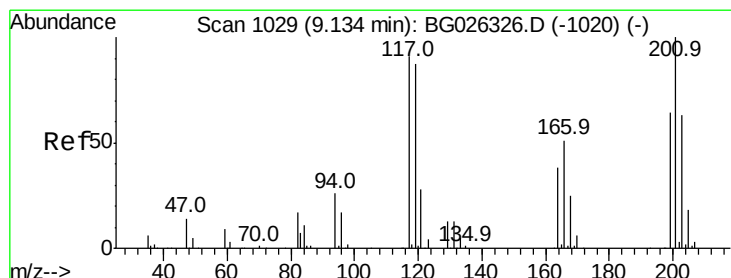
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#18

Hexachloroethane

Concen: 39.26 ng

RT: 9.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BG026385.D

Acq: 22 Mar 2017 21:17

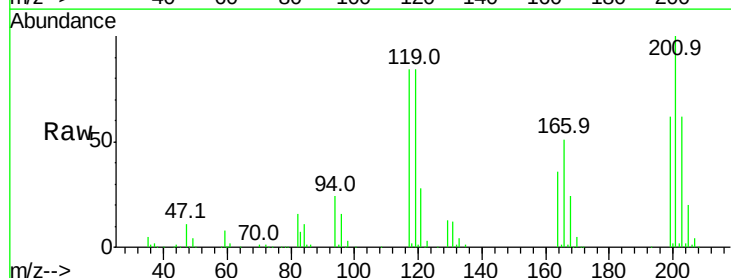
Tgt Ion:117 Resp: 142783

Ion Ratio Lower Upper

117 100

119 100.3 69.8 104.6

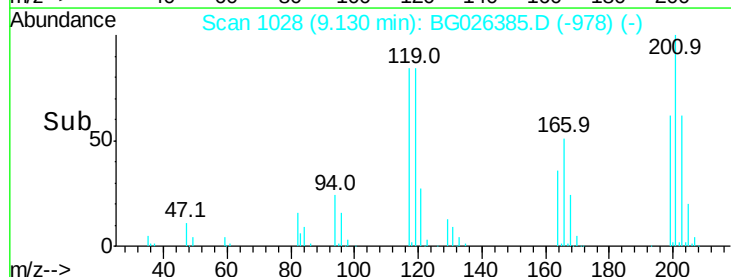
201 118.8 95.4 143.0



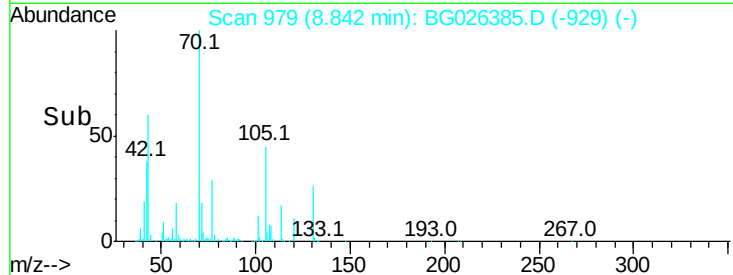
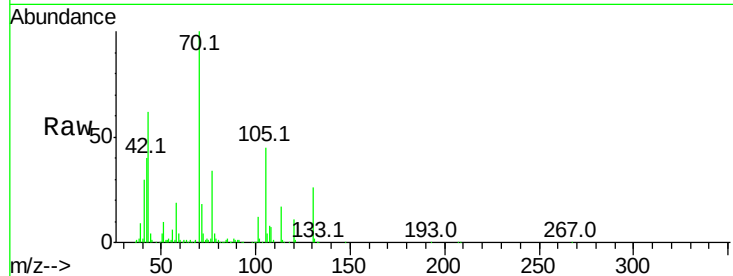
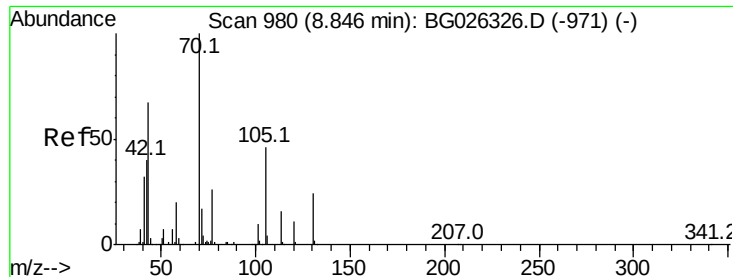
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



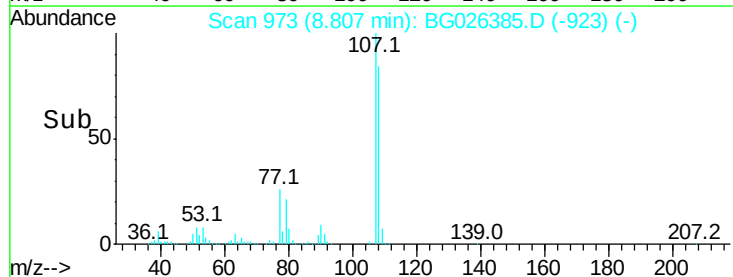
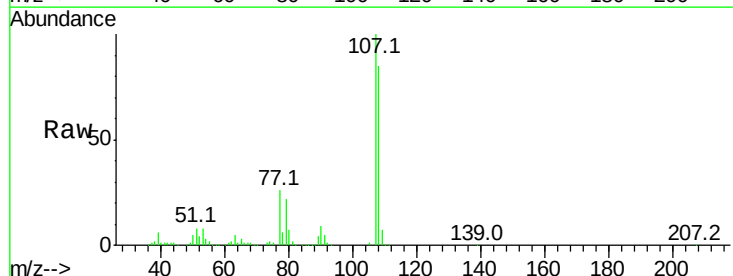
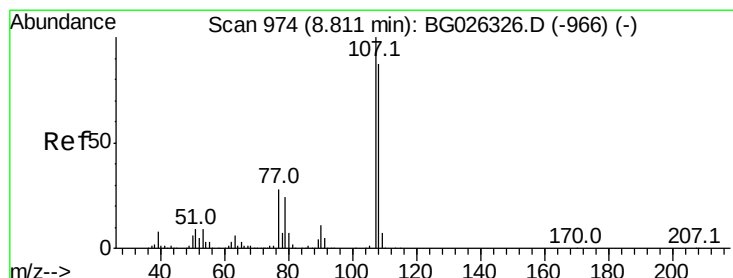
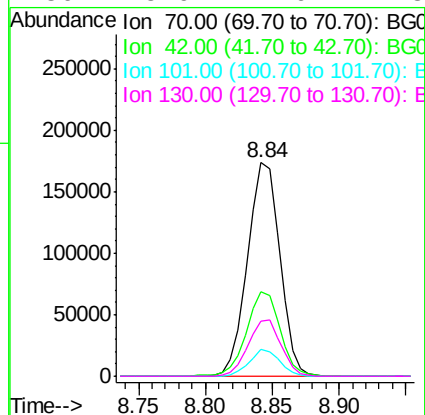
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 40.98 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.00 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

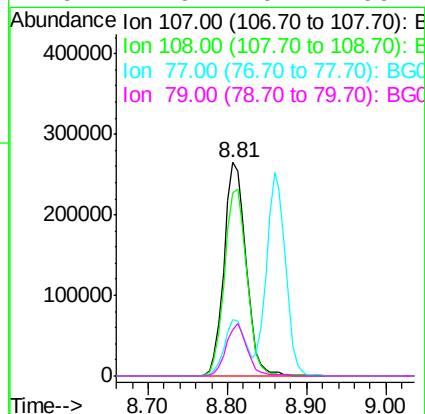
Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMSD

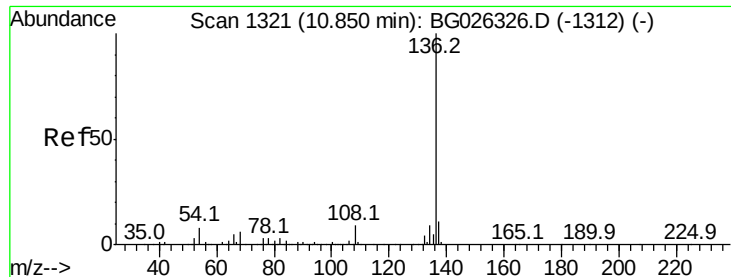
Tot Ion:	70	Resp:	290131
Ion	Ratio	Lower	Upper
70	100		
42	39.7	56.1	84.1#
101	12.4	7.5	11.3#
130	25.9	14.6	21.8#



#20
3+4-Methylphenols
Concen: 44.51 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.00 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

Tgt Ion:	107	Resp:	511371
Ion	Ratio	Lower	Upper
107	100		
108	85.4	70.8	110.8
77	26.2	25.8	65.8
79	21.6	20.1	60.1

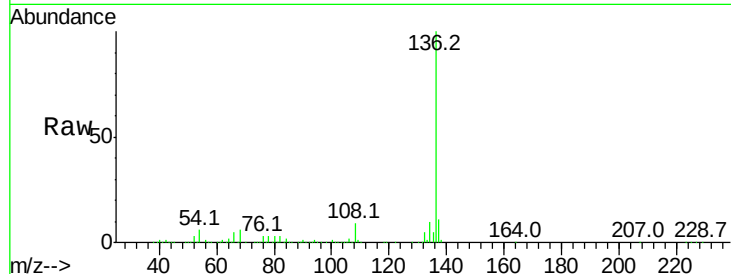




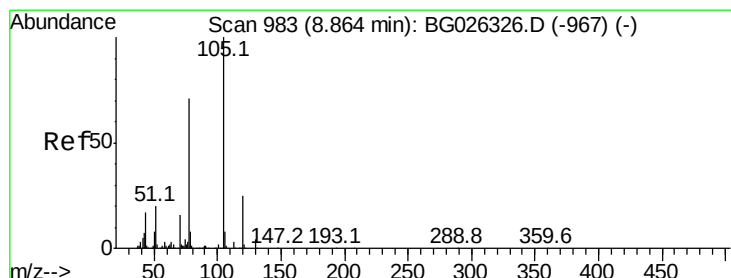
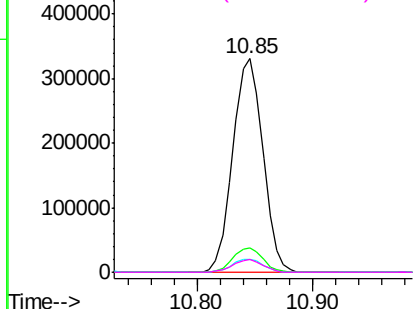
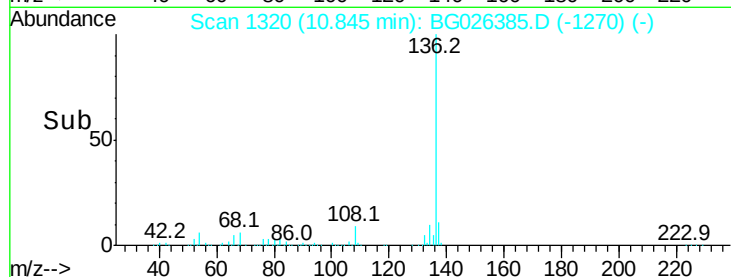
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMSD

Tot Ion:136	Resp:	598433
Ion Ratio	Lower	Upper
136	100	
137	11.5	8.9 13.3
54	6.2	9.3 13.9#
68	6.2	5.1 7.7

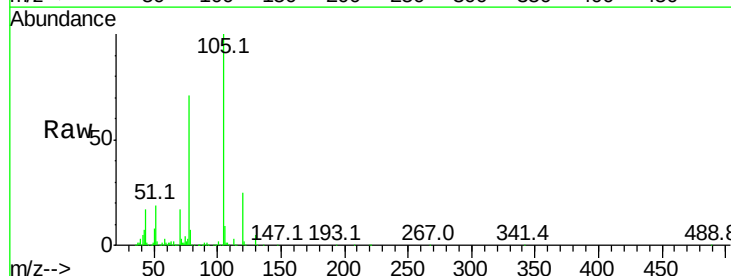


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

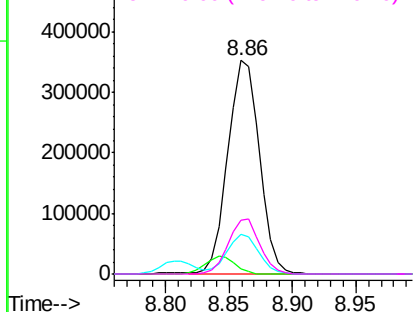
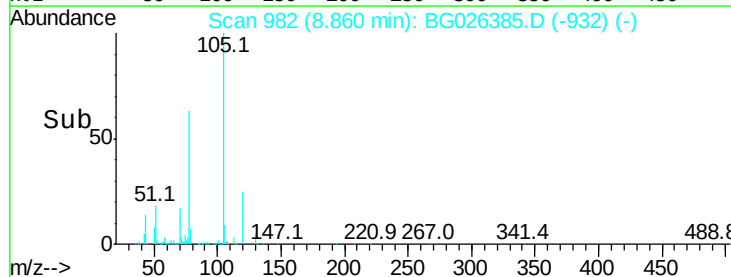


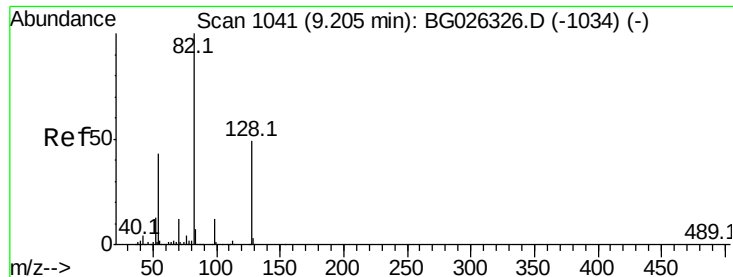
#22
Acetophenone
Concen: 44.12 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

Tgt Ion:105	Resp:	607118
Ion Ratio	Lower	Upper
105	100	
71	2.7	0.9 1.3#
51	18.8	34.0 51.0#
120	25.3	17.3 25.9



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

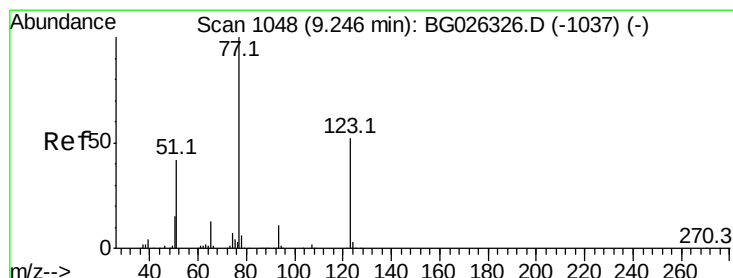
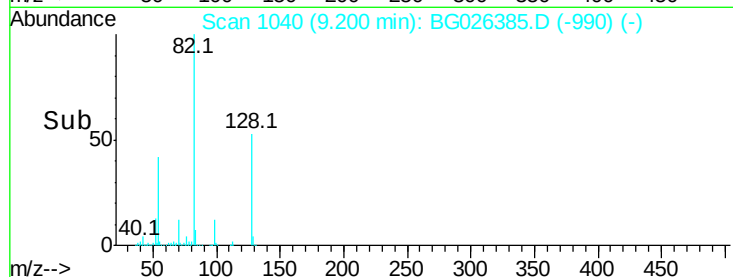
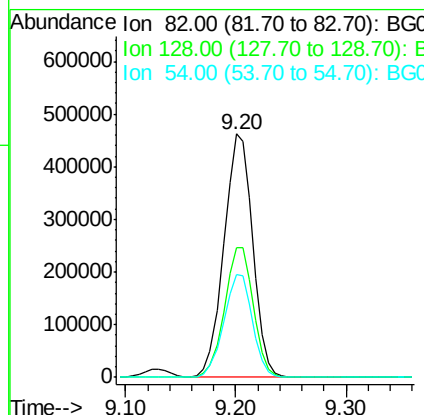
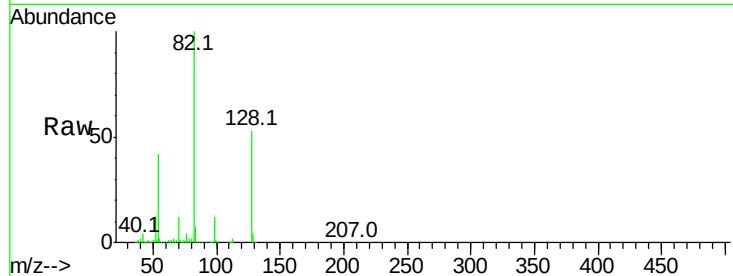




#23
 Nitrobenzene-d5
 Concen: 84.36 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG026385.D
 Acq: 22 Mar 2017 21:17

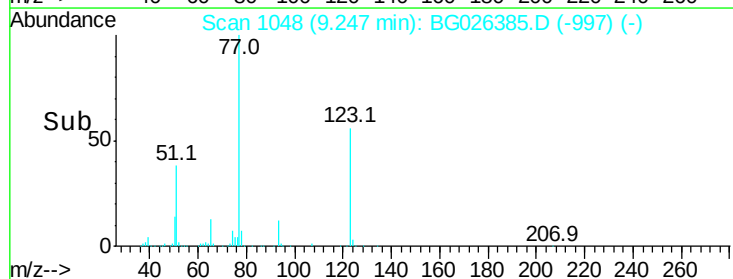
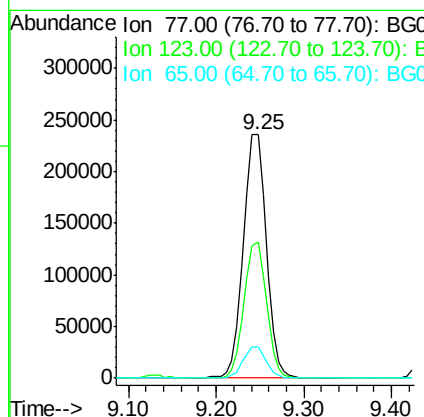
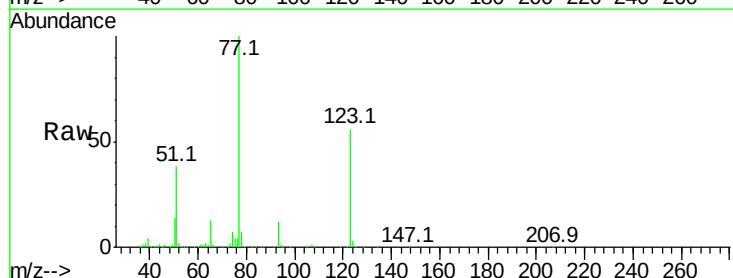
Instrument :
 BNA_G
 ClientSampleId :
 JFC-SOIL-COMPMSD

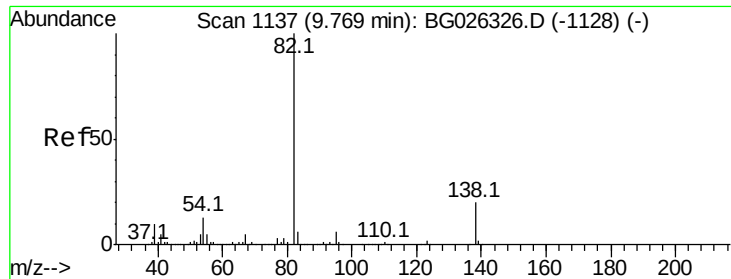
Tot Ion: 82 Resp: 839646
 Ion Ratio Lower Upper
 82 100
 128 53.4 26.4 39.6#
 54 42.3 49.4 74.2#



#24
 Nitrobenzene
 Concen: 42.21 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: BG026385.D
 Acq: 22 Mar 2017 21:17

Tgt Ion: 77 Resp: 414830
 Ion Ratio Lower Upper
 77 100
 123 55.7 26.1 39.1#
 65 12.6 12.4 18.6





#25

Isophorone

Concen: 44.07 ng

RT: 9.76 min Scan# 1136

Delta R.T. -0.00 min

Lab File: BG026385.D

Acq: 22 Mar 2017 21:17

Instrument :

BNA_G

ClientSampleId :

JFC-SOIL-COMPMSD

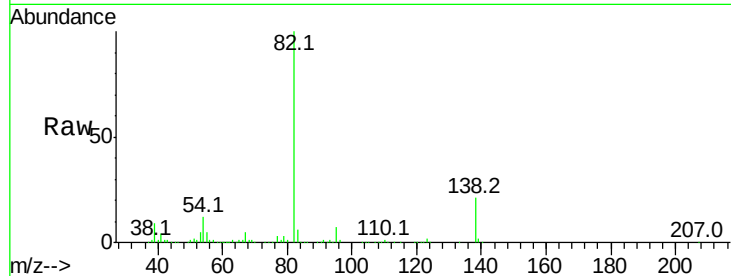
Tot Ion: 82 Resp: 826699

Ion Ratio Lower Upper

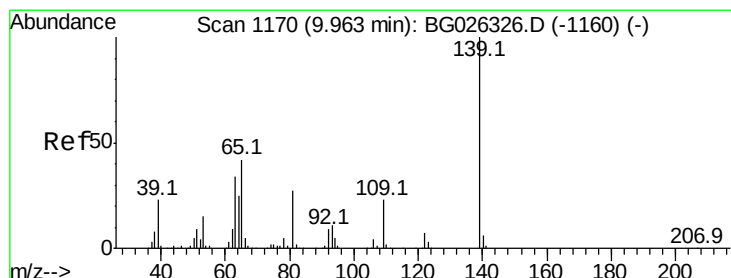
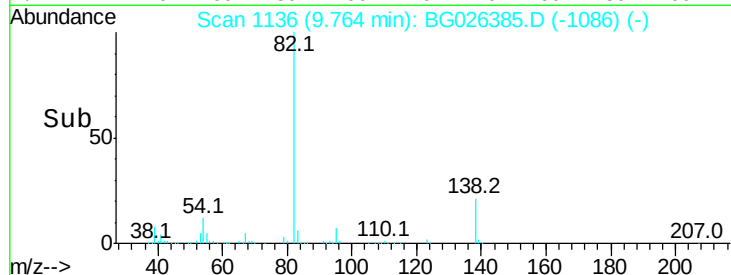
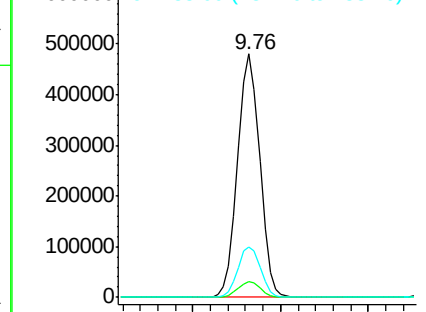
82 100

95 6.5 7.5 11.3#

138 20.8 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: 49.39 ng

RT: 9.95 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BG026385.D

Acq: 22 Mar 2017 21:17

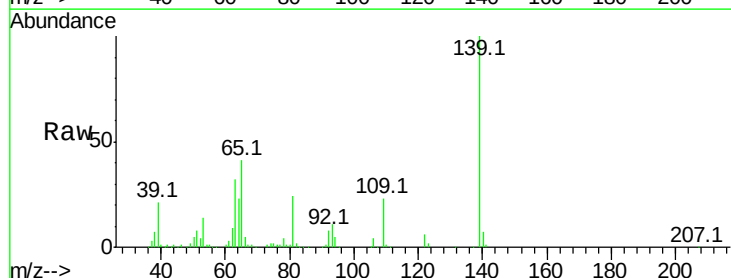
Tgt Ion: 139 Resp: 252554

Ion Ratio Lower Upper

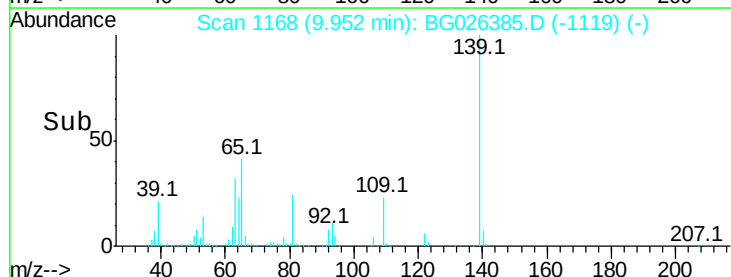
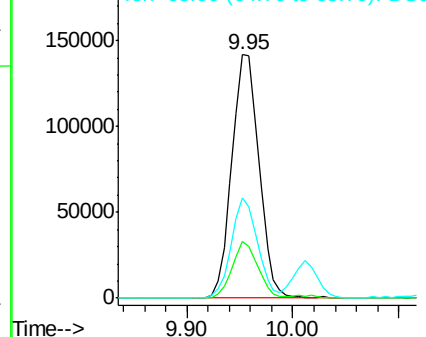
139 100

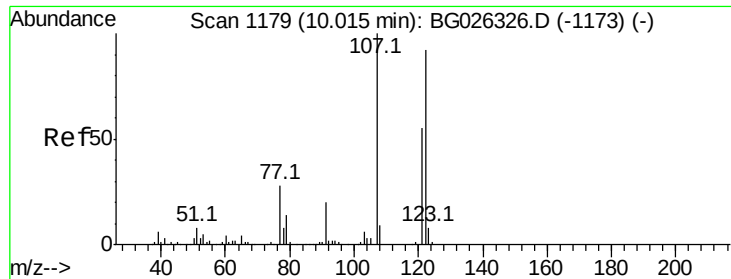
109 23.1 38.6 58.0#

65 40.9 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

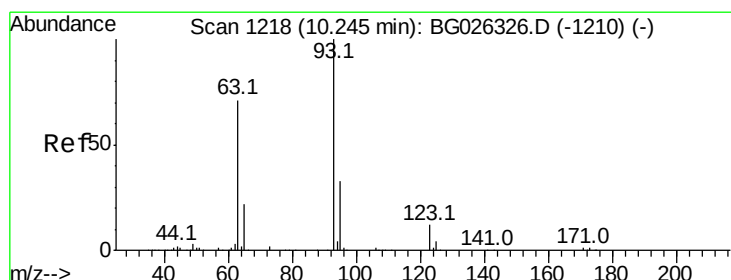
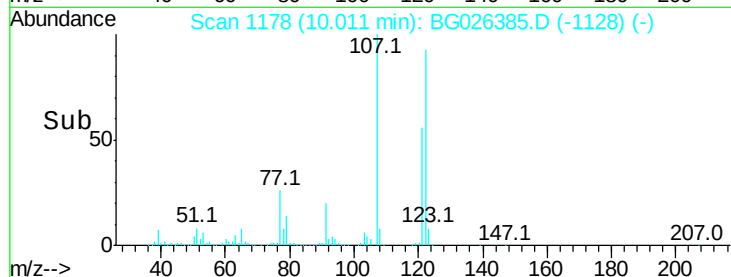
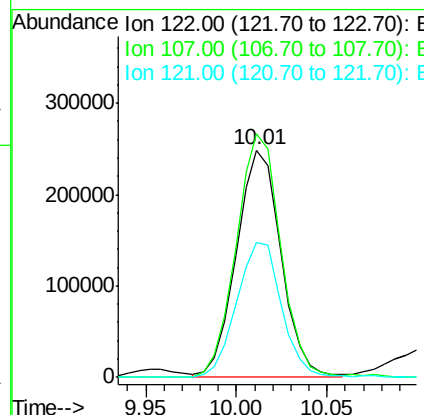
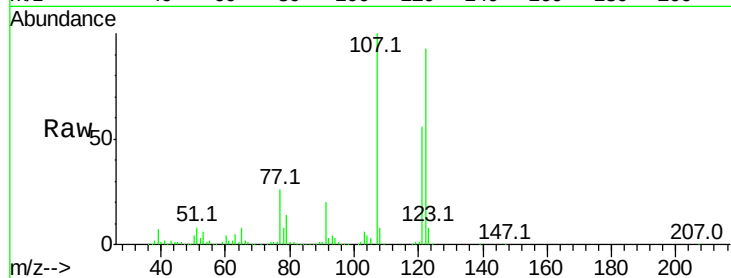




#27
 2,4-Dimethylphenol
 Concen: 50.11 ng
 RT: 10.01 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BG026385.D
 Acq: 22 Mar 2017 21:17

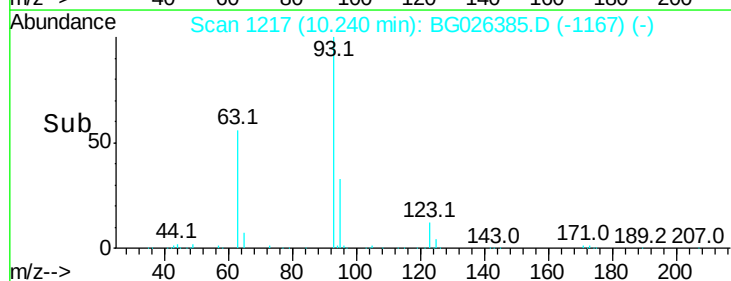
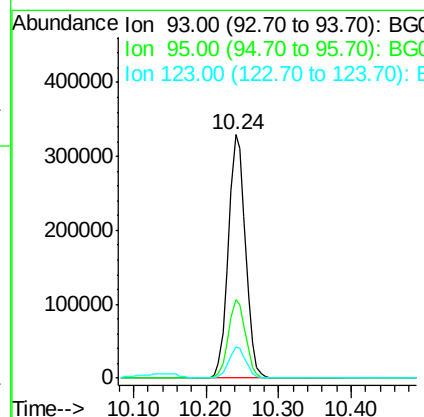
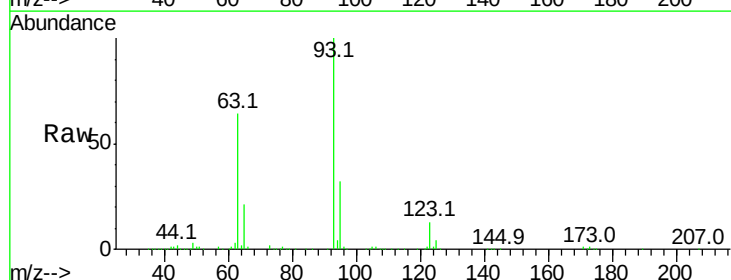
Instrument :
 BNA_G
 ClientSampleId :
 JFC-SOIL-COMPMSD

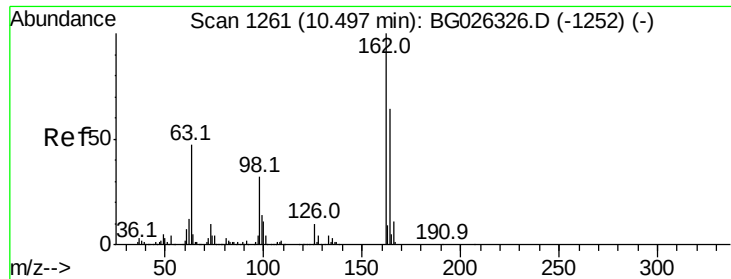
Tot Ion:122 Resp: 420617
 Ion Ratio Lower Upper
 122 100
 107 107.2 104.2 156.4
 121 59.5 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.30 ng
 RT: 10.24 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BG026385.D
 Acq: 22 Mar 2017 21:17

Tgt Ion: 93 Resp: 539863
 Ion Ratio Lower Upper
 93 100
 95 32.3 25.7 38.5
 123 12.8 8.3 12.5#





#29

2,4-Dichlorophenol

Concen: 52.90 ng

RT: 10.49 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BG026385.D

Acq: 22 Mar 2017 21:17

Instrument :

BNA_G

ClientSampleId :

JFC-SOIL-COMPMSD

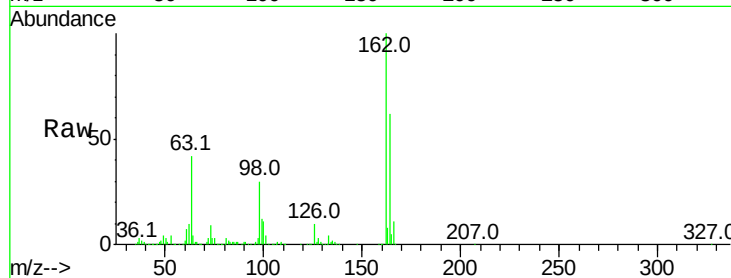
Tot Ion:162 Resp: 449014

Ion Ratio Lower Upper

162 100

164 62.4 42.4 82.4

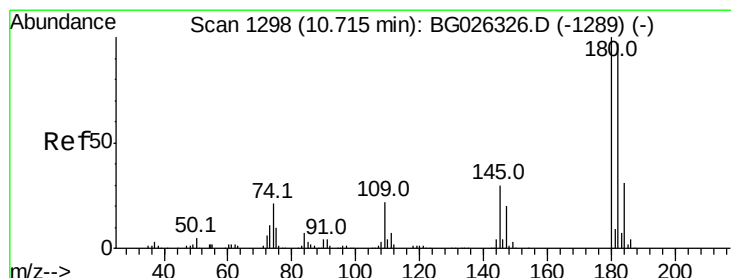
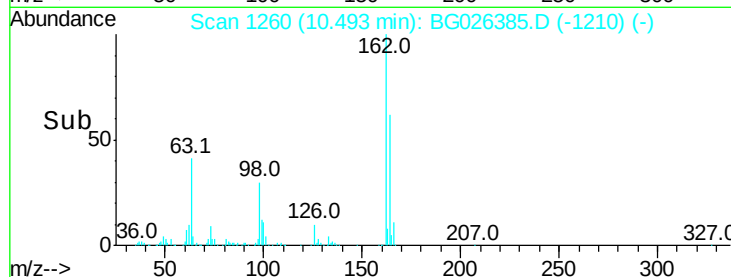
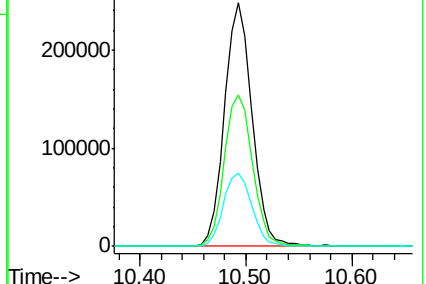
98 30.2 20.3 60.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 46.72 ng

RT: 10.70 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BG026385.D

Acq: 22 Mar 2017 21:17

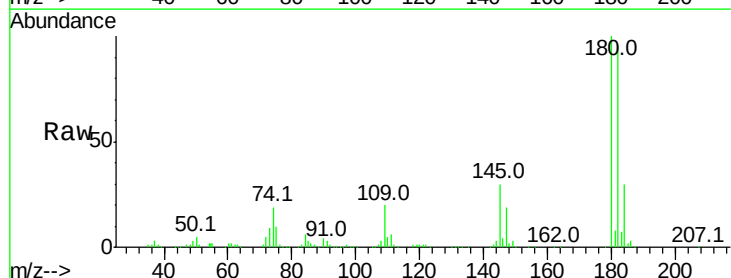
Tgt Ion:180 Resp: 445515

Ion Ratio Lower Upper

180 100

182 95.6 77.0 115.4

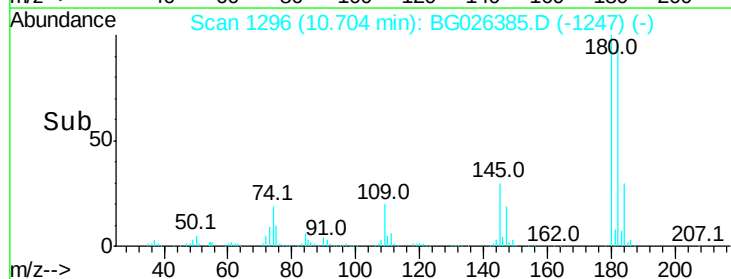
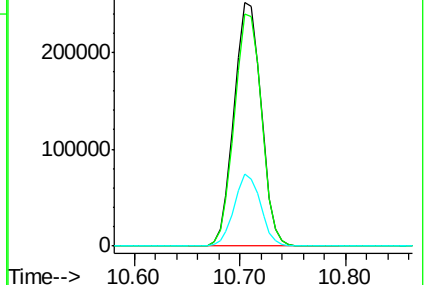
145 29.7 23.4 35.0

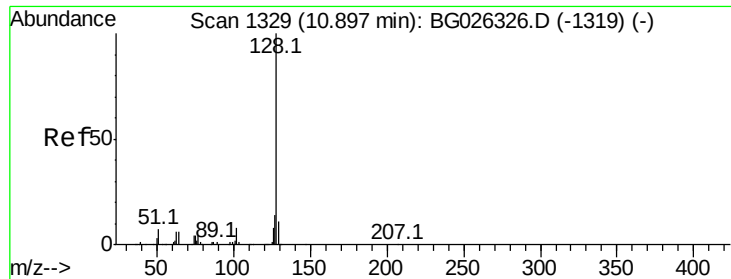


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

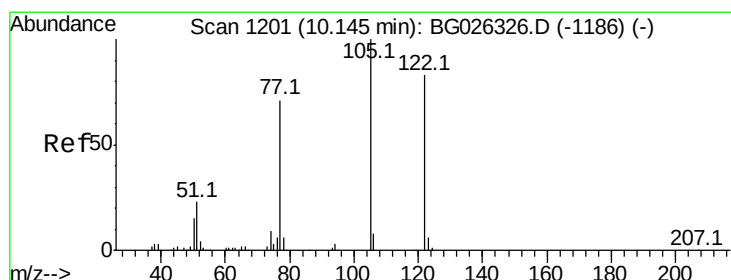
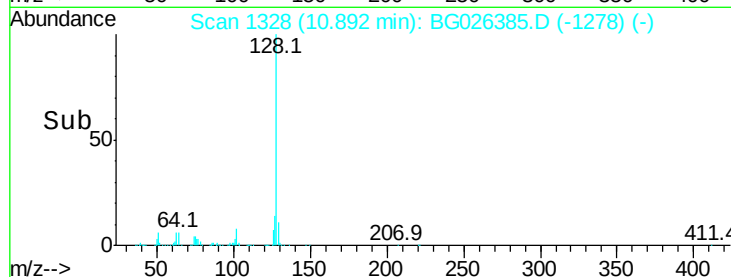
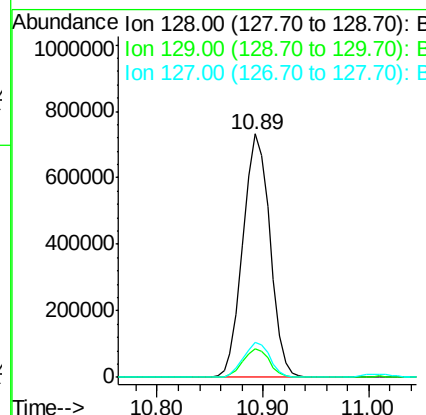
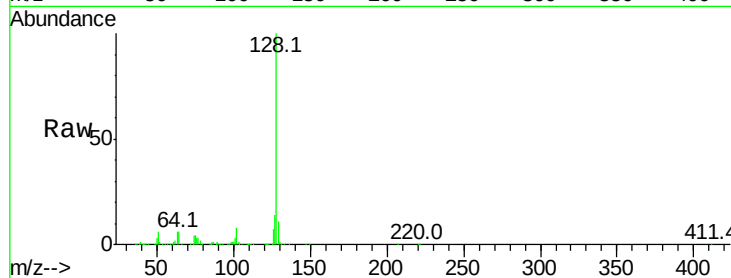




#31
Naphthalene
Concen: 43.00 ng
RT: 10.89 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

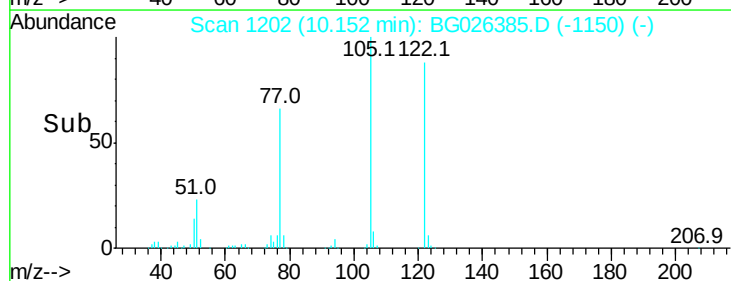
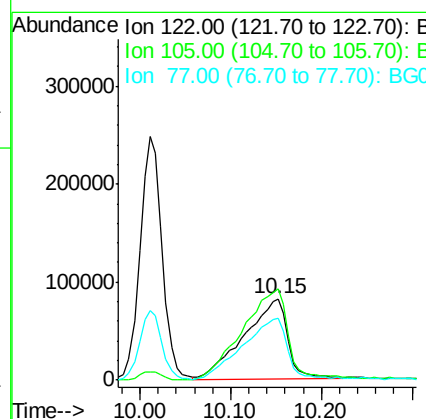
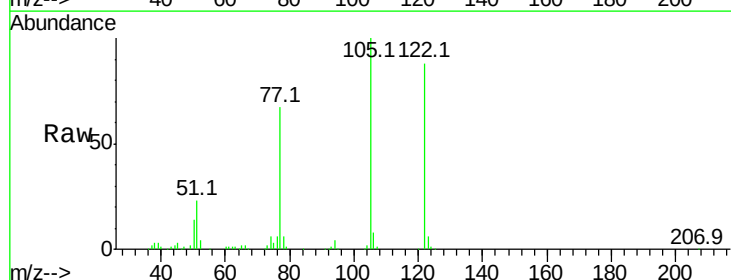
Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMSD

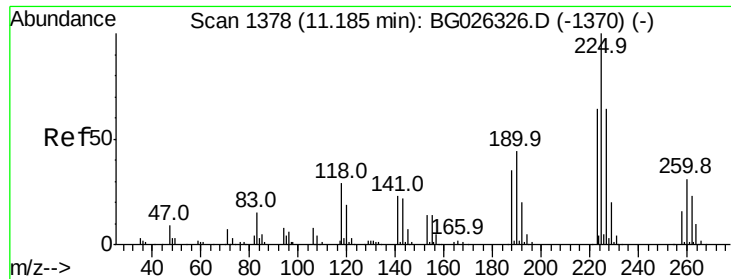
Tot Ion:128 Resp: 1300999
Ion Ratio Lower Upper
128 100
129 11.5 9.3 13.9
127 14.2 11.4 17.0



#32
Benzoic acid
Concen: 41.75 ng
RT: 10.15 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

Tgt Ion:122 Resp: 269656
Ion Ratio Lower Upper
122 100
105 113.4 120.1 160.1#
77 75.8 104.6 144.6#





#34

Hexachlorobutadiene

Concen: 45.53 ng

RT: 11.18 min Scan# 1377

Delta R.T. -0.00 min

Lab File: BG026385.D

Acq: 22 Mar 2017 21:17

Instrument :

BNA_G

ClientSampleId :

JFC-SOIL-COMPMSD

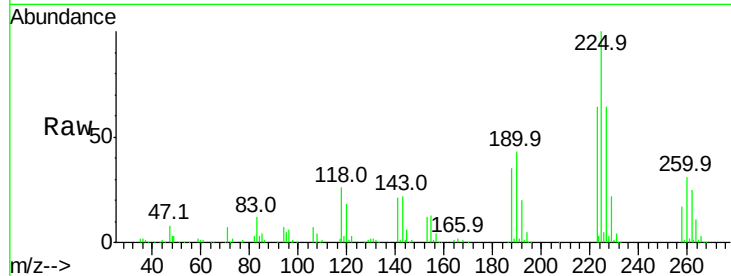
Tot Ion:225 Resp: 256109

Ion Ratio Lower Upper

225 100

223 63.6 50.7 76.1

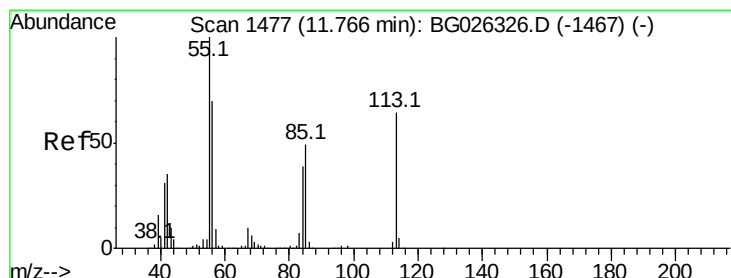
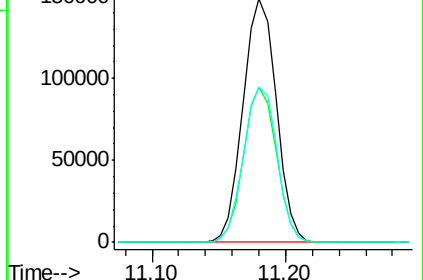
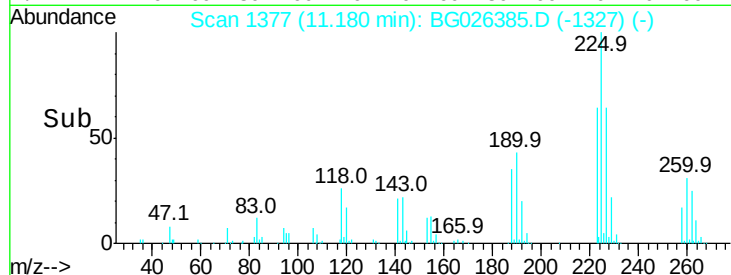
227 63.6 49.0 73.6



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 20.35 ng

RT: 11.76 min Scan# 1476

Delta R.T. -0.00 min

Lab File: BG026385.D

Acq: 22 Mar 2017 21:17

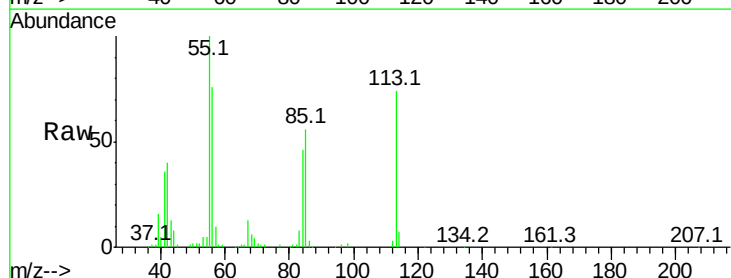
Tgt Ion:113 Resp: 68044

Ion Ratio Lower Upper

113 100

55 134.5 198.6 238.6#

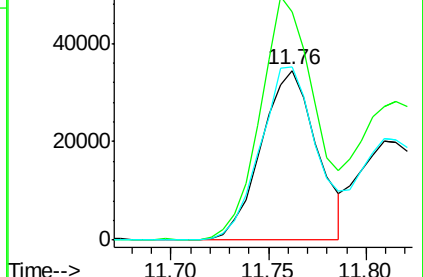
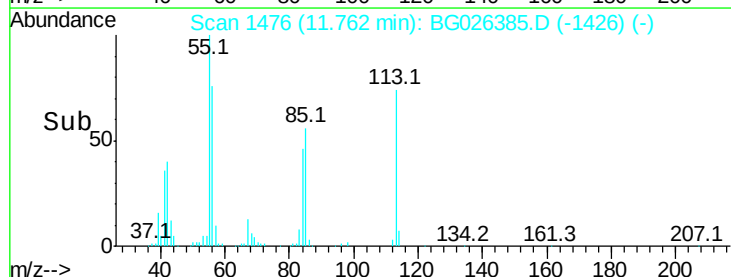
56 102.2 140.4 180.4#

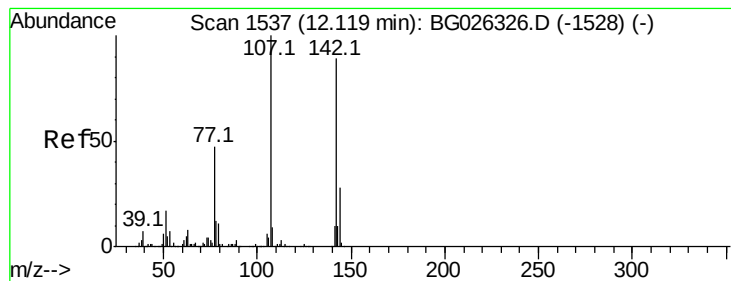


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC





#36

4-Chloro-3-methylphenol

Concen: 49.14 ng

RT: 12.11 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BG026385.D

Acq: 22 Mar 2017 21:17

Instrument :

BNA_G

ClientSampleId :

JFC-SOIL-COMPMSD

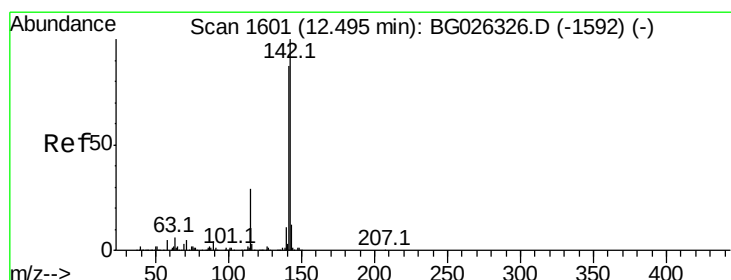
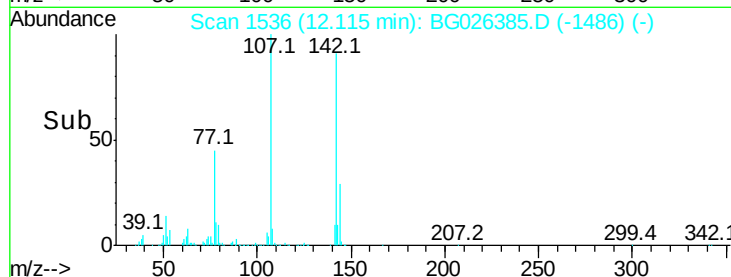
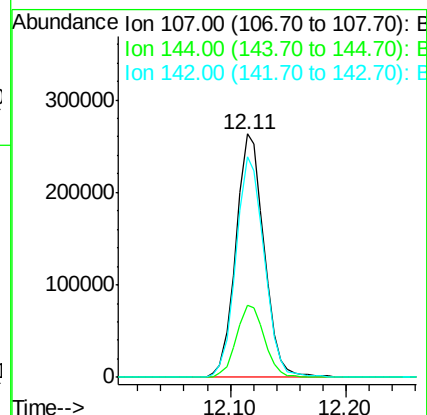
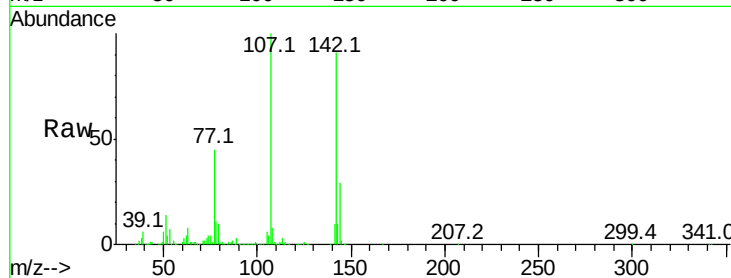
Tot Ion:107 Resp: 446210

Ion Ratio Lower Upper

107 100

144 29.5 17.4 26.0#

142 90.6 54.1 81.1#



#37

2-Methylnaphthalene

Concen: 45.89 ng

RT: 12.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: BG026385.D

Acq: 22 Mar 2017 21:17

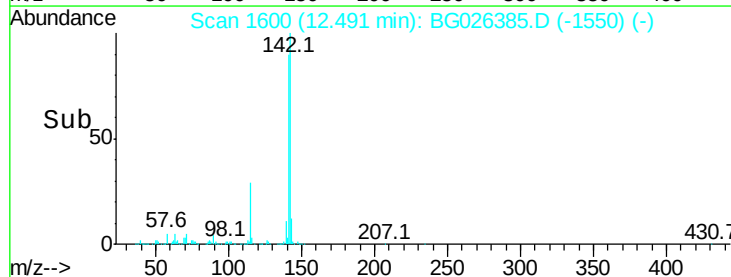
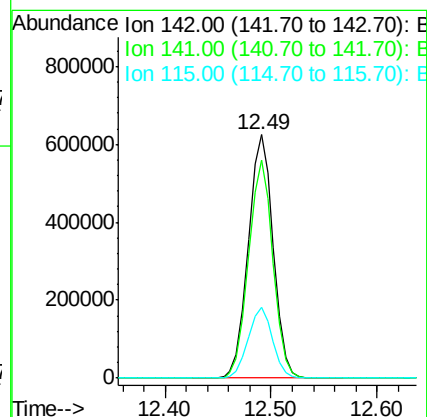
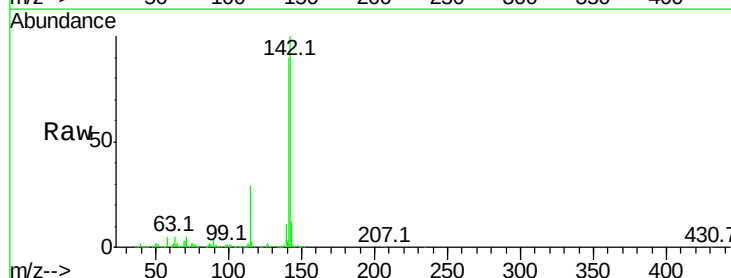
Tgt Ion:142 Resp: 1017074

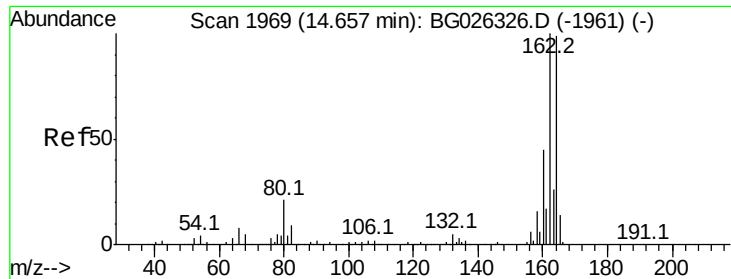
Ion Ratio Lower Upper

142 100

141 89.7 70.4 105.6

115 29.2 35.5 53.3#

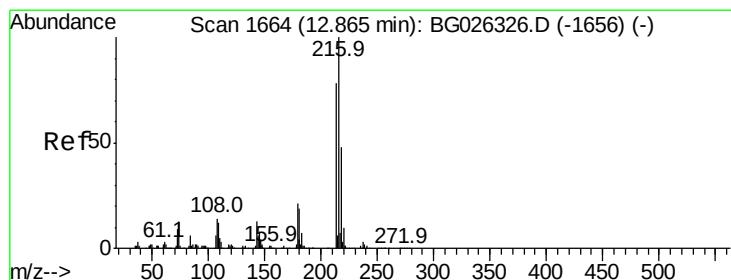
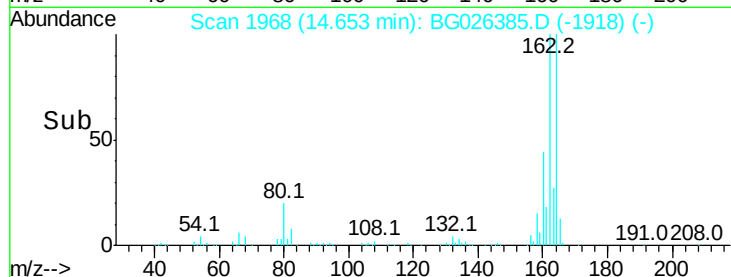
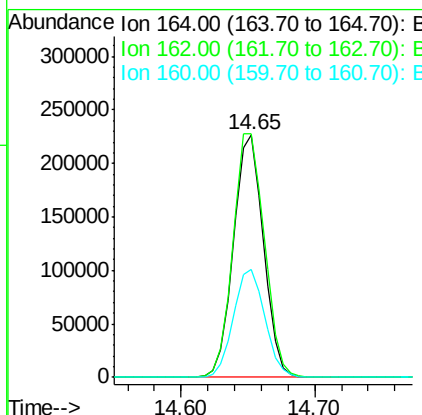
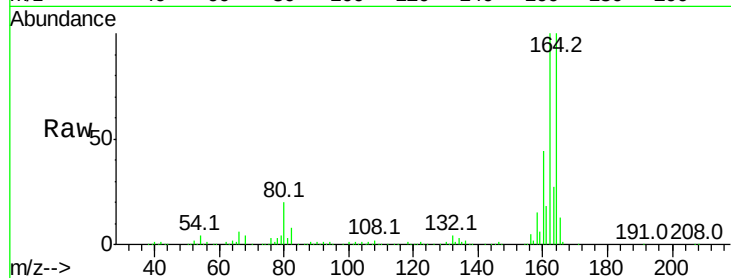




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

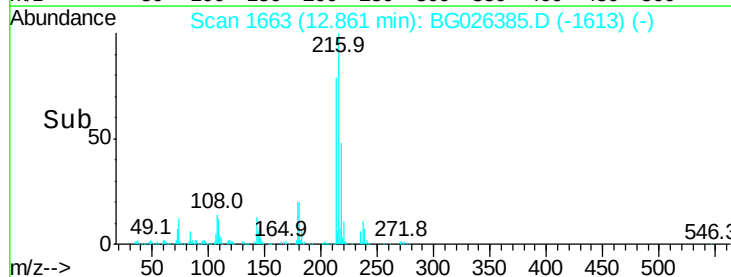
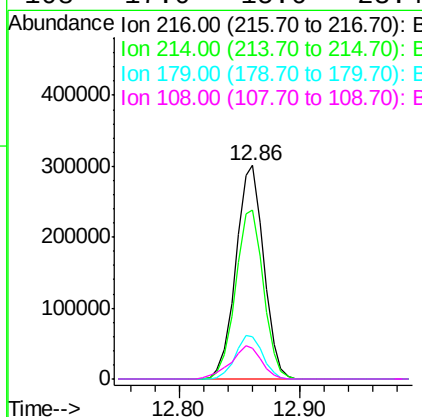
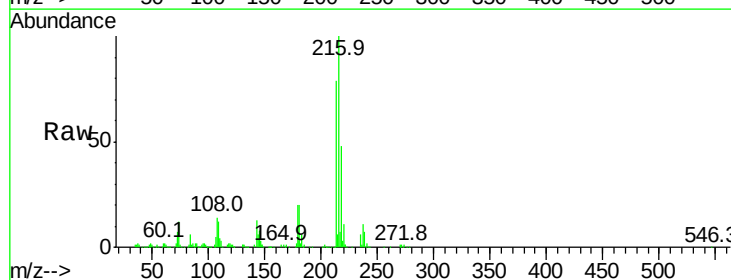
Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMSD

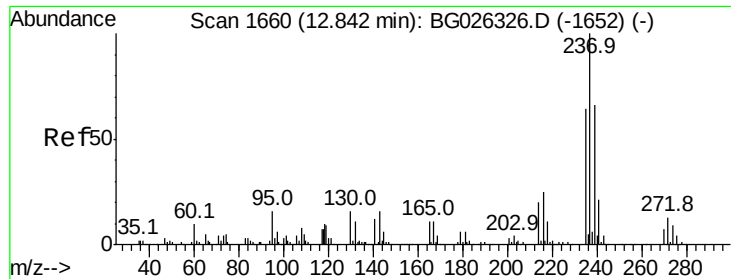
Tot Ion:164 Resp: 352507
Ion Ratio Lower Upper
164 100
162 100.1 85.1 127.7
160 44.3 34.7 52.1



#39
1,2,4,5-Tetrachlorobenzene
Concen: 45.58 ng
RT: 12.86 min Scan# 1663
Delta R.T. -0.00 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

Tgt Ion:216 Resp: 483444
Ion Ratio Lower Upper
216 100
214 79.4 64.4 96.6
179 20.2 17.4 26.0
108 17.0 15.6 23.4





#40

Hexachlorocyclopentadiene

Concen: 97.47 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.00 min

Lab File: BG026385.D

Acq: 22 Mar 2017 21:17

Instrument :

BNA_G

ClientSampleId :

JFC-SOIL-COMPMSD

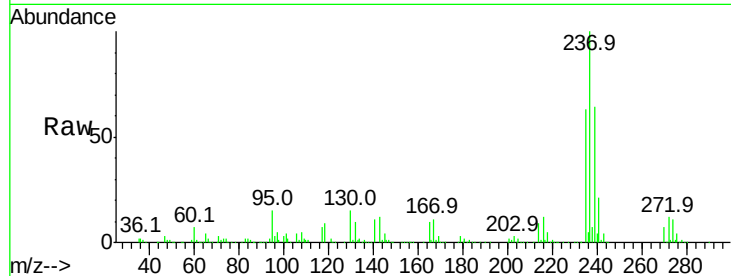
Tot Ion:237 Resp: 544154

Ion Ratio Lower Upper

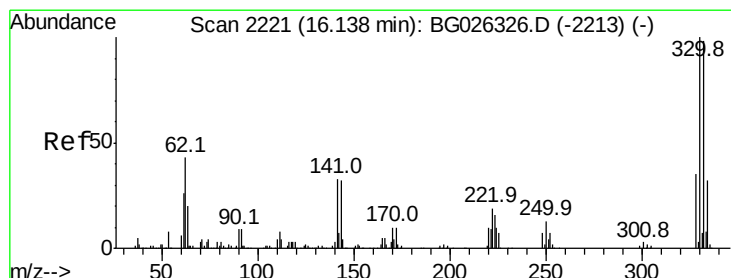
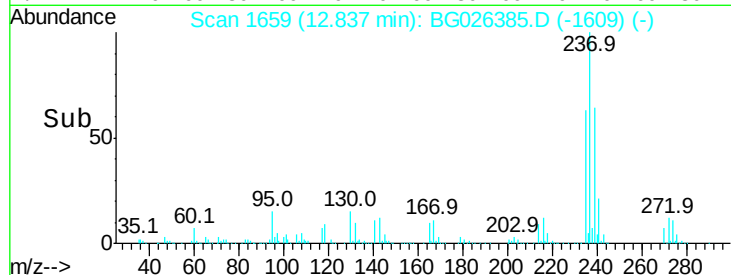
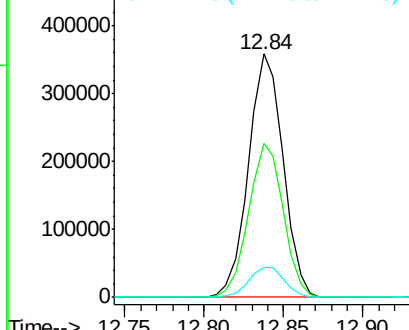
237 100

235 63.4 39.4 79.4

272 12.2 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: 165.80 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.00 min

Lab File: BG026385.D

Acq: 22 Mar 2017 21:17

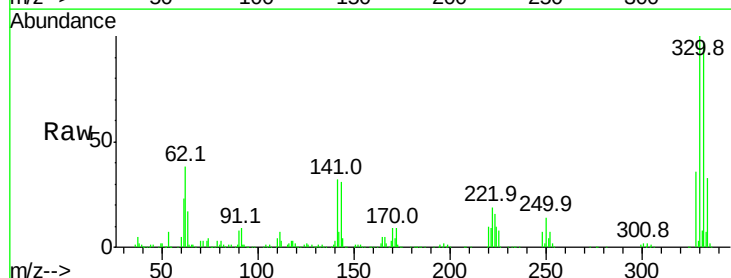
Tgt Ion:330 Resp: 669286

Ion Ratio Lower Upper

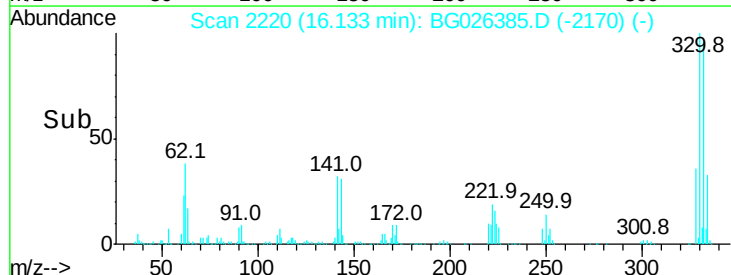
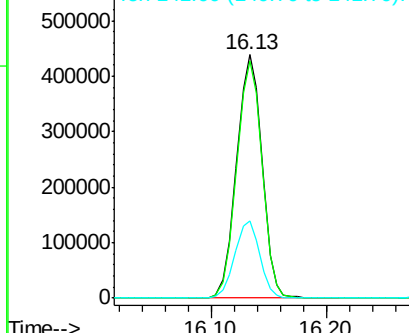
330 100

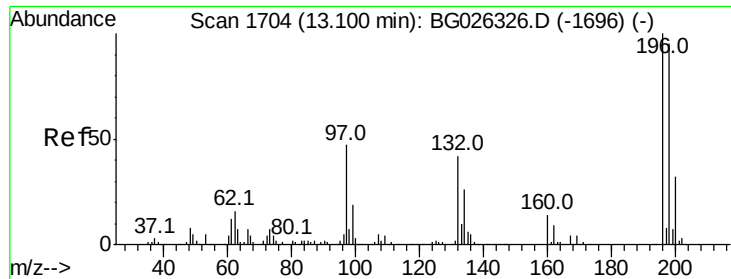
332 96.9 77.3 115.9

141 31.4 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

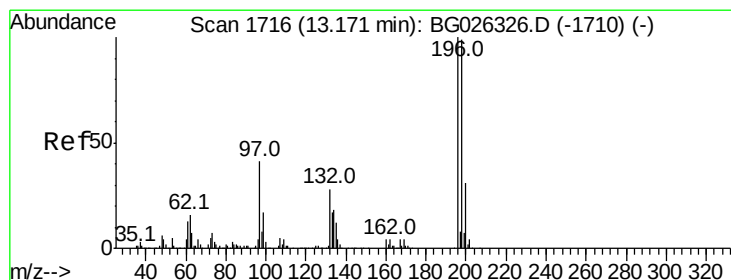
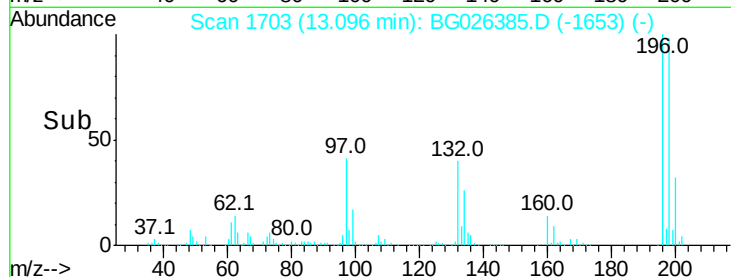
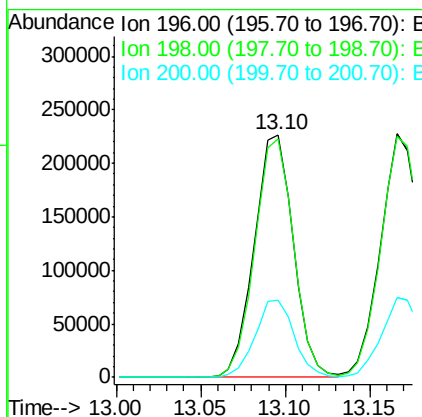
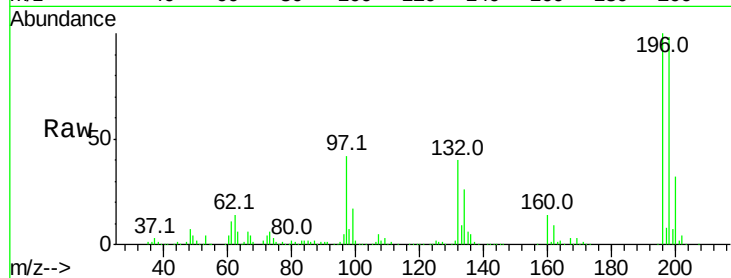




#42
 2,4,6-Trichlorophenol
 Concen: 52.55 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG026385.D
 Acq: 22 Mar 2017 21:17

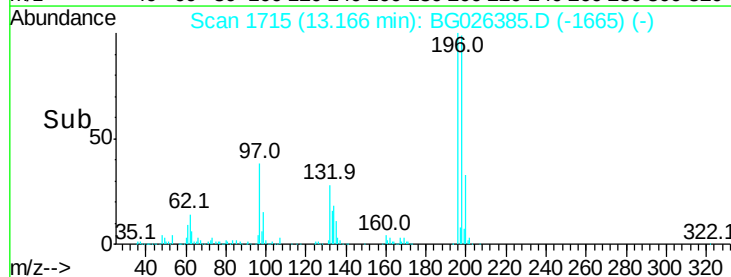
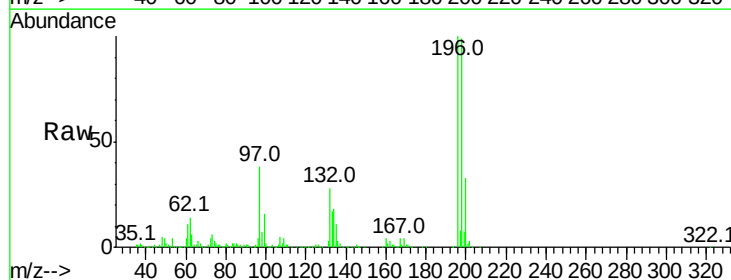
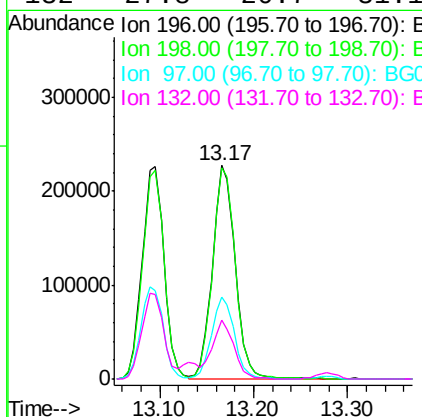
Instrument :
 BNA_G
 ClientSampleId :
 JFC-SOIL-COMPMSD

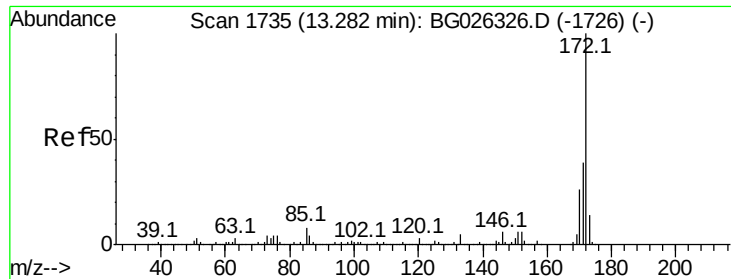
Tot Ion	196	Resp	364916
Ion Ratio	Lower	Upper	
196	100		
198	98.3	81.4	122.2
200	32.0	27.0	40.6



#43
 2,4,5-Trichlorophenol
 Concen: 50.27 ng
 RT: 13.17 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG026385.D
 Acq: 22 Mar 2017 21:17

Tgt Ion	196	Resp	385863
Ion Ratio	Lower	Upper	
196	100		
198	98.9	79.9	119.9
97	38.2	45.4	68.0#
132	27.8	20.7	31.1

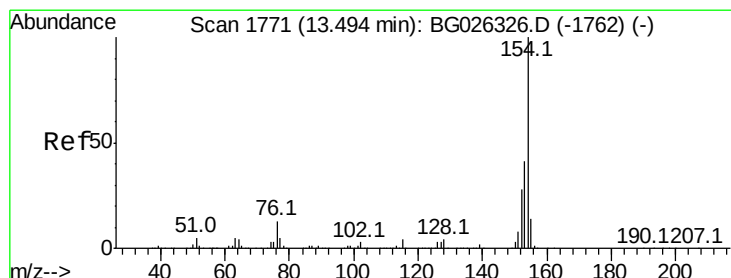
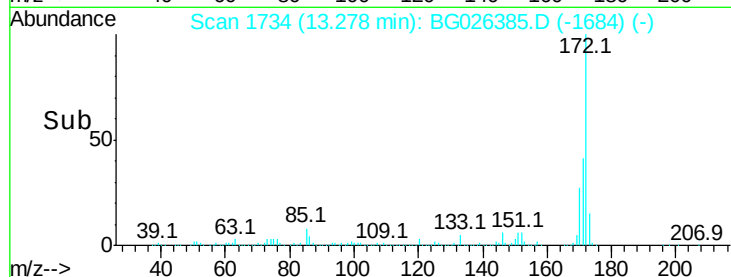
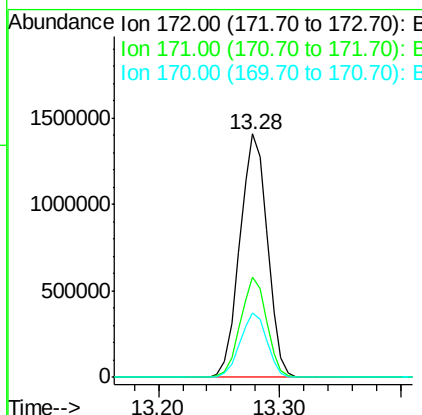
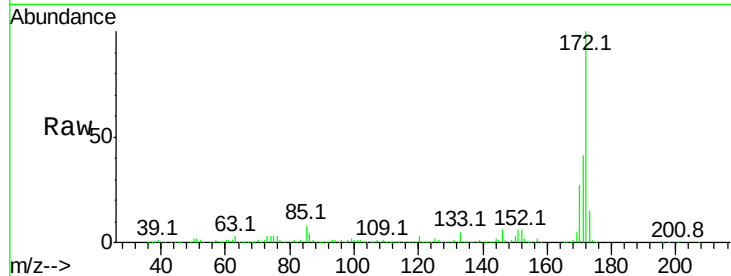




#44
2-Fluorobiphenyl
Concen: 88.95 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

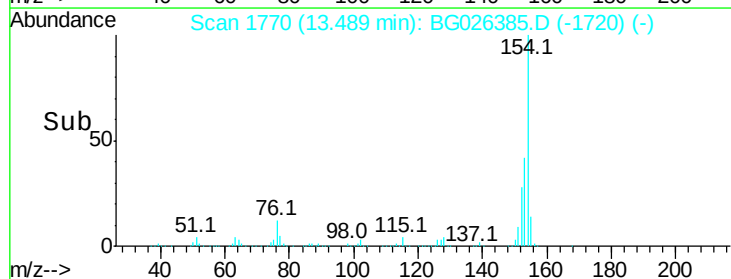
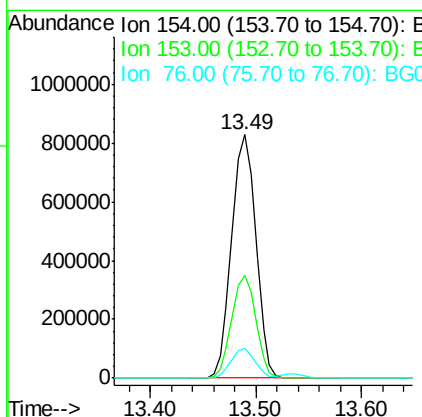
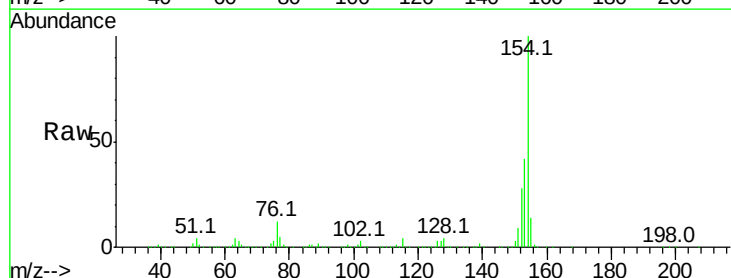
Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMSD

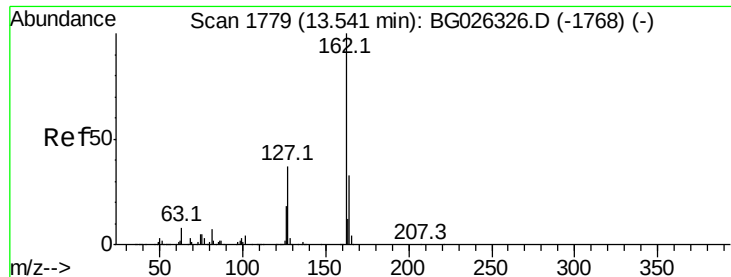
Tot Ion:172 Resp: 2235769
Ion Ratio Lower Upper
172 100
171 41.0 32.2 48.2
170 26.5 21.8 32.6



#45
1,1'-Biphenyl
Concen: 44.88 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

Tgt Ion:154 Resp: 1310329
Ion Ratio Lower Upper
154 100
153 42.4 23.0 63.0
76 12.3 0.0 33.5

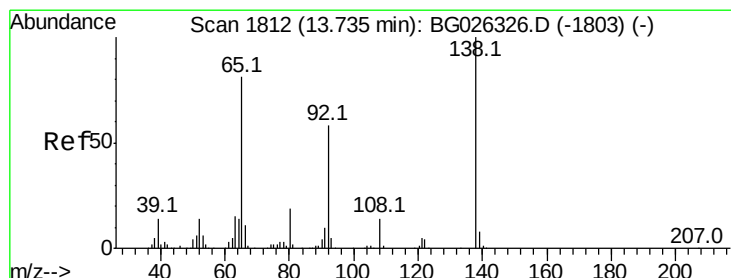
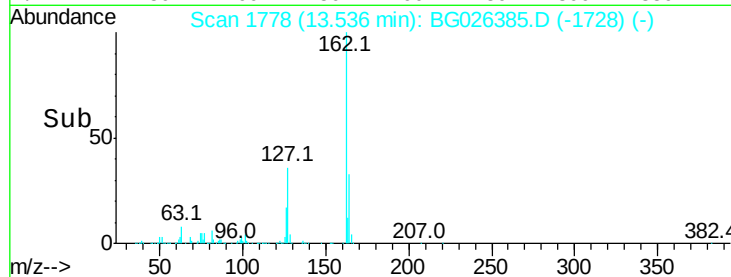
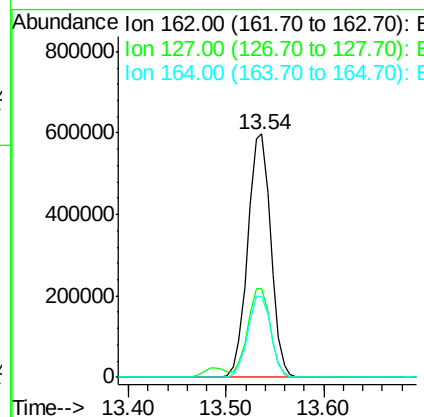
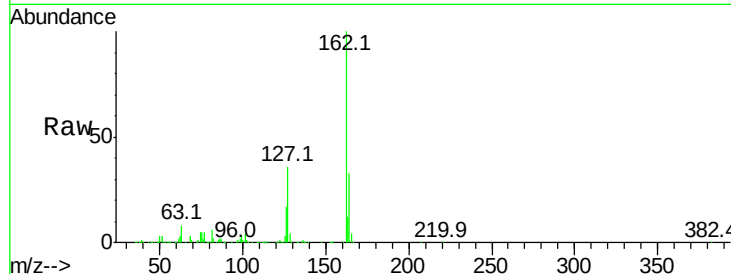




#46
2-Chloronaphthalene
Concen: 46.16 ng
RT: 13.54 min Scan# 1778
Delta R.T. -0.00 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

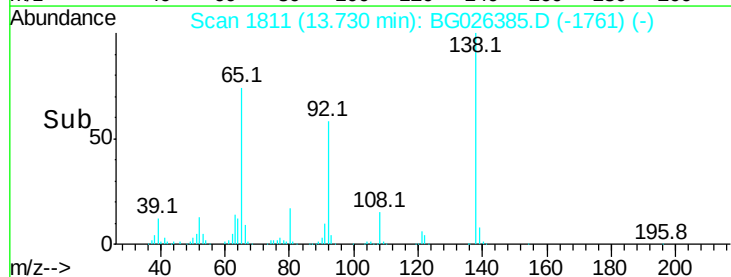
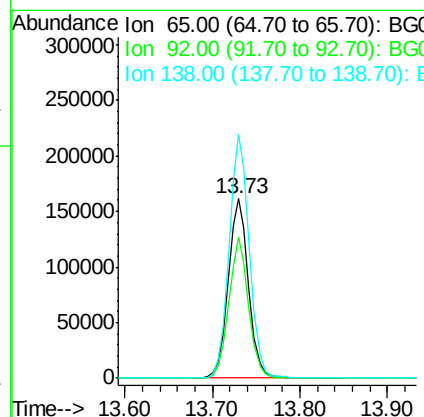
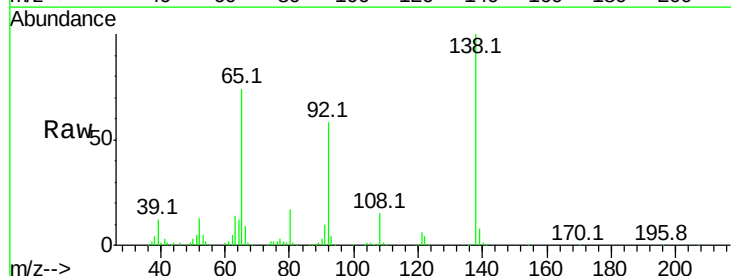
Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMSD

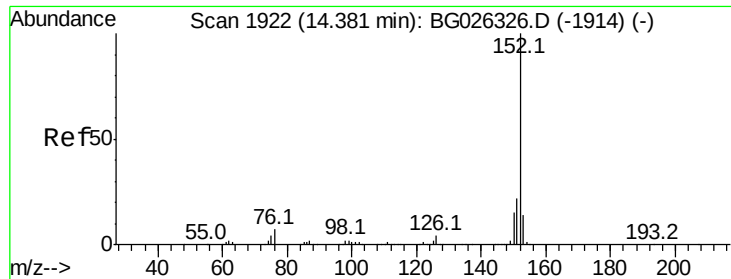
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.4	32.2	48.4
164	33.2	27.3	40.9



#47
2-Nitroaniline
Concen: 42.22 ng
RT: 13.73 min Scan# 1811
Delta R.T. -0.00 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

Tgt Ion	Ratio	Lower	Upper
65	100		
92	78.5	49.0	73.4#
138	135.8	58.6	87.8#

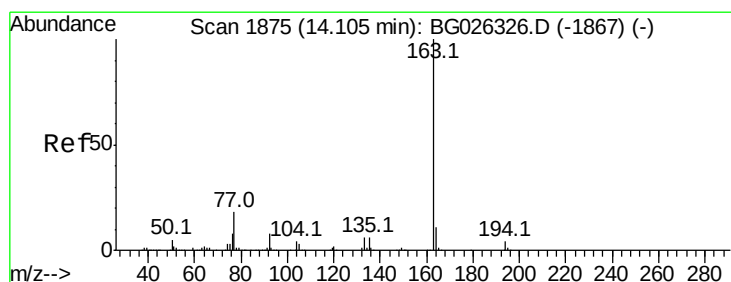
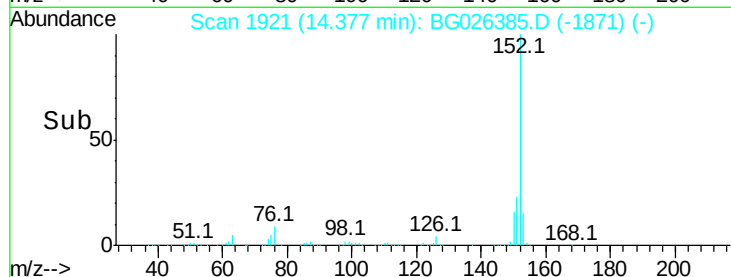
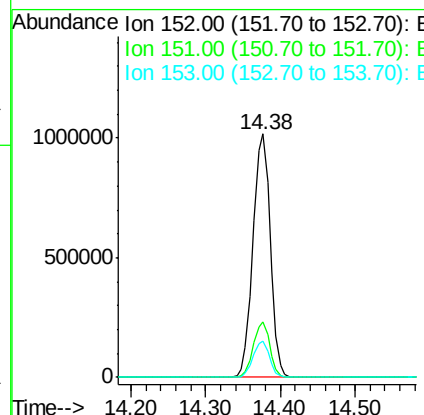
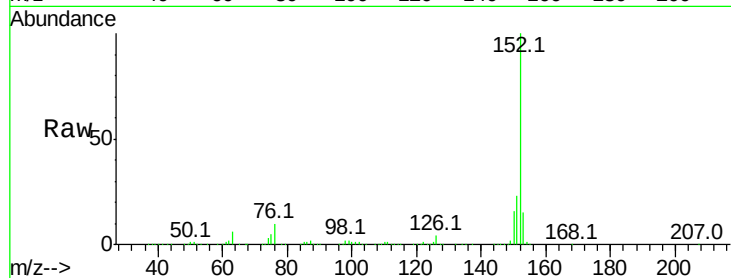




#48
Acenaphthylene
Concen: 43.93 ng
RT: 14.38 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

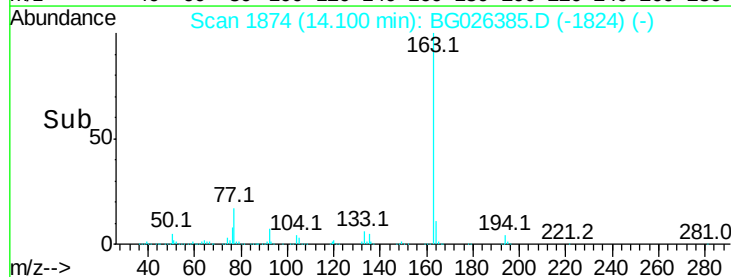
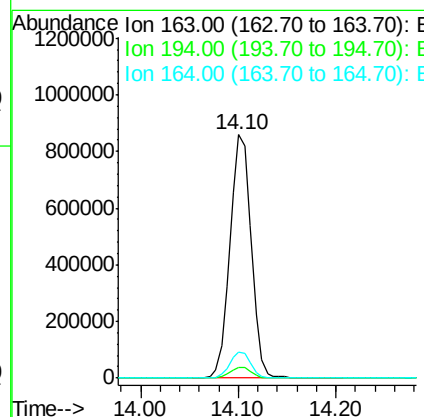
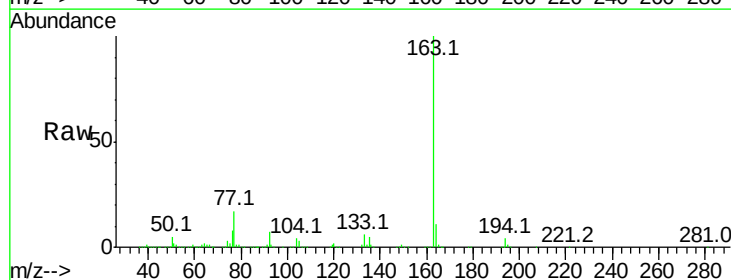
Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMSD

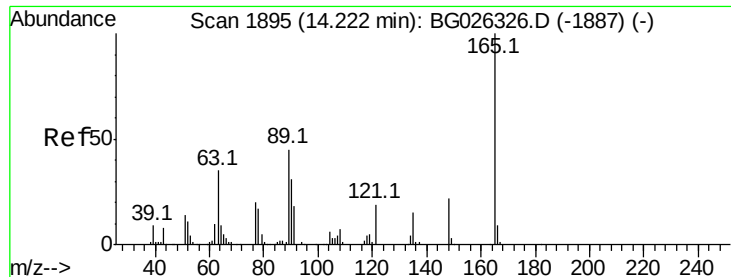
Tot Ion:152 Resp: 1632691
Ion Ratio Lower Upper
152 100
151 22.6 18.2 27.2
153 14.7 11.3 16.9



#49
Dimethylphthalate
Concen: 48.68 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.00 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

Tgt Ion:163 Resp: 1295205
Ion Ratio Lower Upper
163 100
194 4.4 3.8 5.6
164 10.9 9.3 13.9

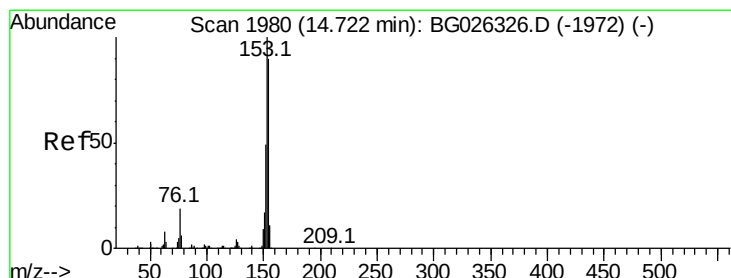
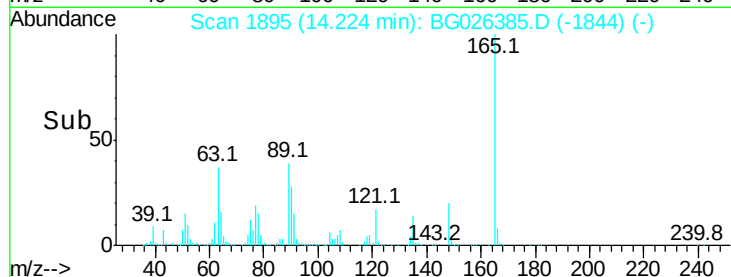
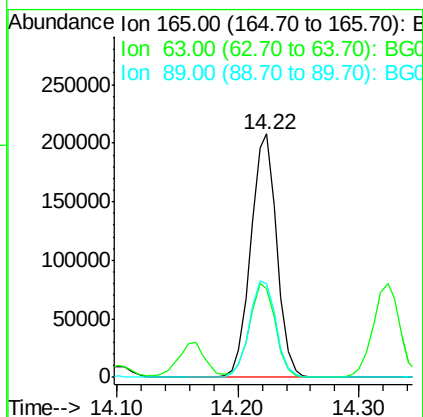
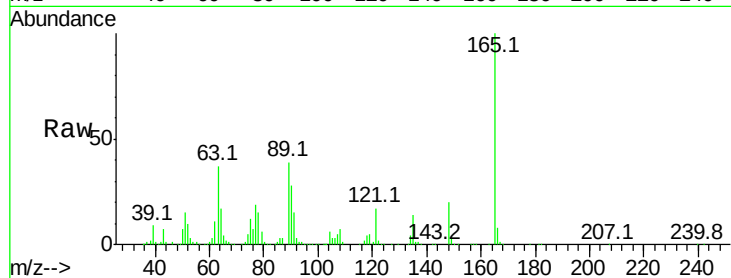




#50
 2,6-Dinitrotoluene
 Concen: 49.92 ng
 RT: 14.22 min Scan# 1895
 Delta R.T. 0.00 min
 Lab File: BG026385.D
 Acq: 22 Mar 2017 21:17

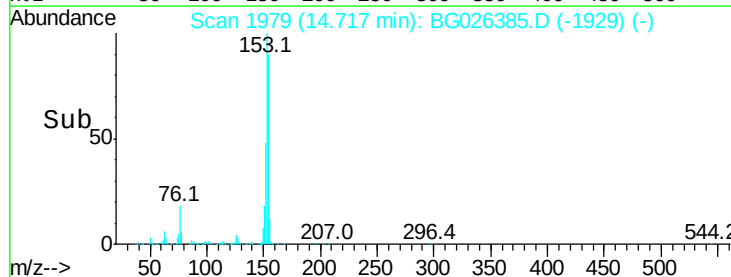
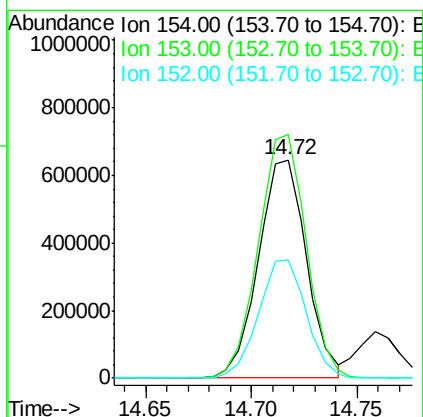
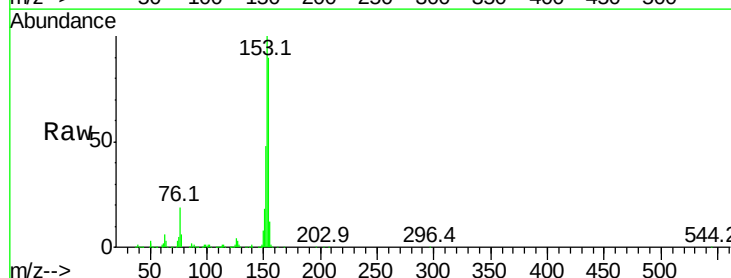
Instrument :
 BNA_G
 ClientSampleId :
 JFC-SOIL-COMPMSD

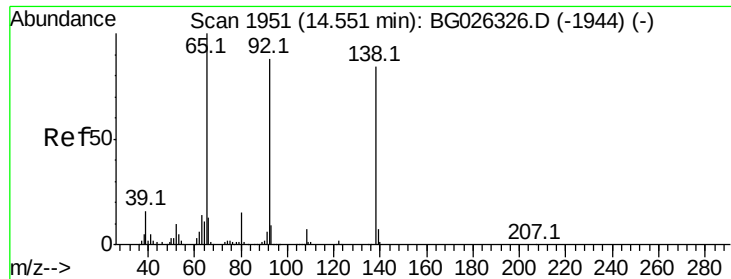
Tot Ion:165 Resp: 309984
 Ion Ratio Lower Upper
 165 100
 63 36.6 63.9 95.9#
 89 38.8 58.6 88.0#



#51
 Acenaphthene
 Concen: 44.56 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: BG026385.D
 Acq: 22 Mar 2017 21:17

Tgt Ion:154 Resp: 1019992
 Ion Ratio Lower Upper
 154 100
 153 111.5 87.8 131.6
 152 53.9 42.2 63.4

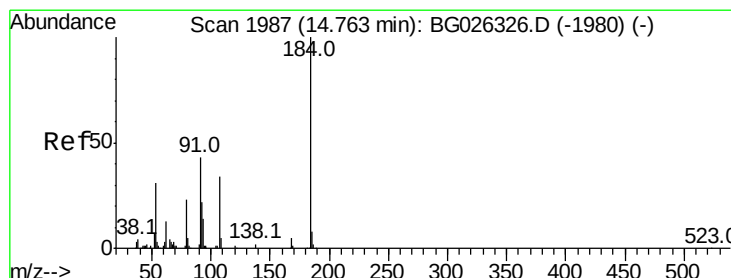
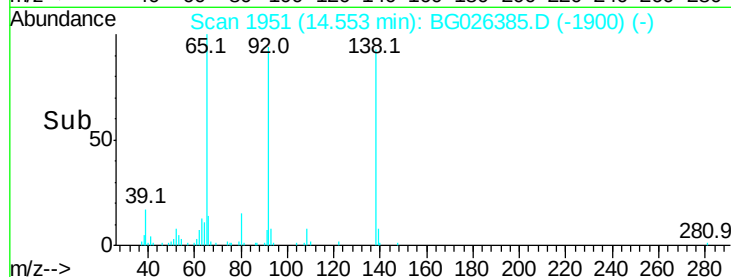
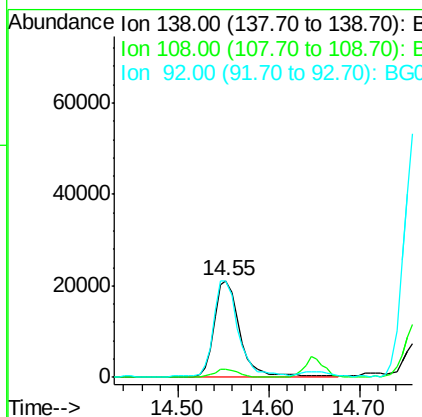
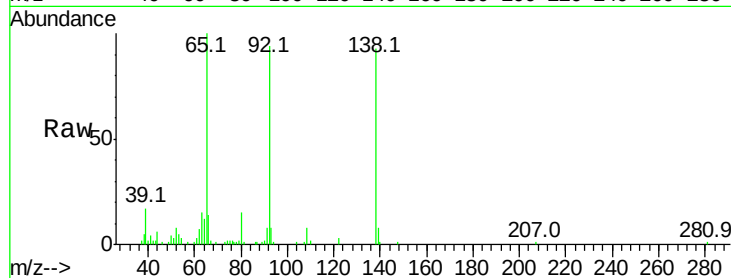




#52
3-Nitroaniline
Concen: 6.10 ng
RT: 14.55 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

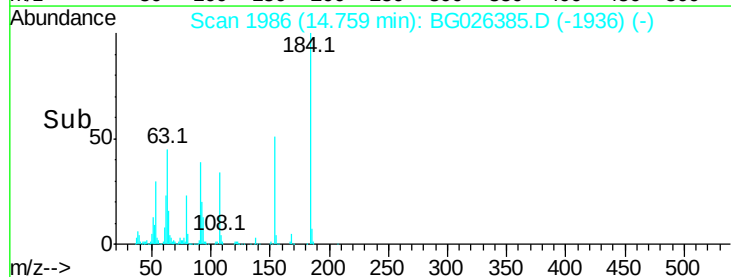
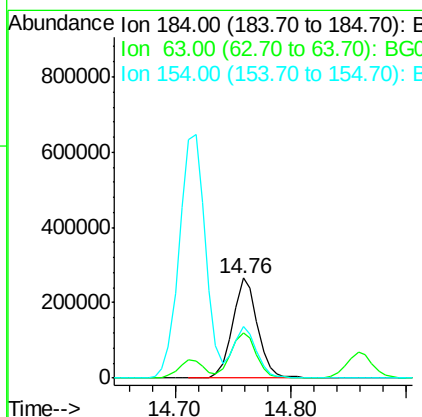
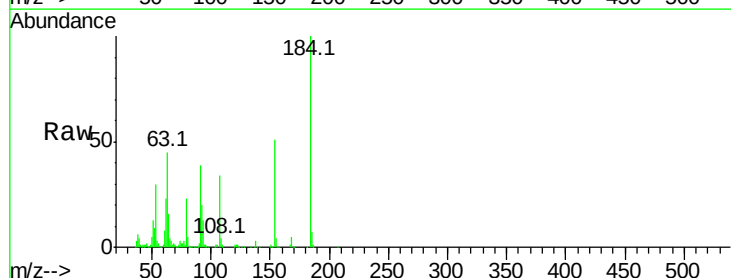
Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMSD

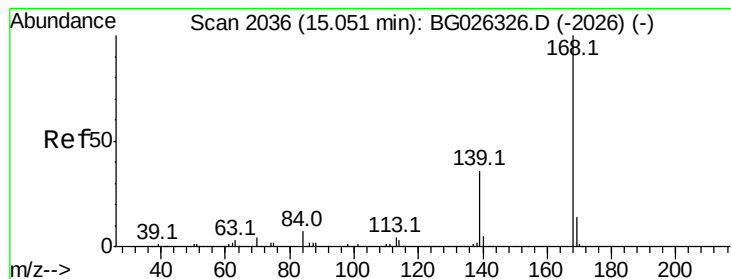
Tot Ion:138 Resp: 41723
Ion Ratio Lower Upper
138 100
108 8.4 10.9 16.3#
92 100.5 115.3 172.9#



#53
2,4-Dinitrophenol
Concen: 110.25 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

Tgt Ion:184 Resp: 397151
Ion Ratio Lower Upper
184 100
63 45.1 52.7 79.1#
154 51.3 57.3 85.9#





#54

Dibenzofuran

Concen: 49.06 ng

RT: 15.05 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG026385.D

Acq: 22 Mar 2017 21:17

Instrument :

BNA_G

ClientSampleId :

JFC-SOIL-COMPMSD

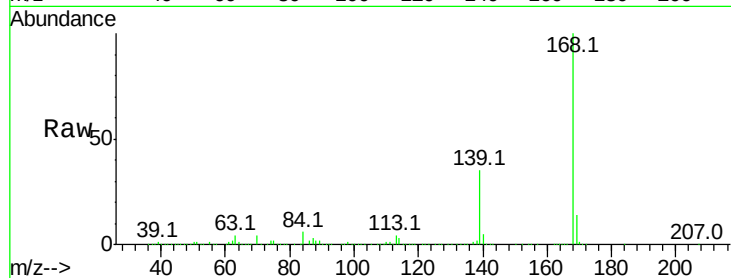
Tot Ion:168 Resp: 1580985

Ion Ratio Lower Upper

168 100

139 35.4 35.3 52.9

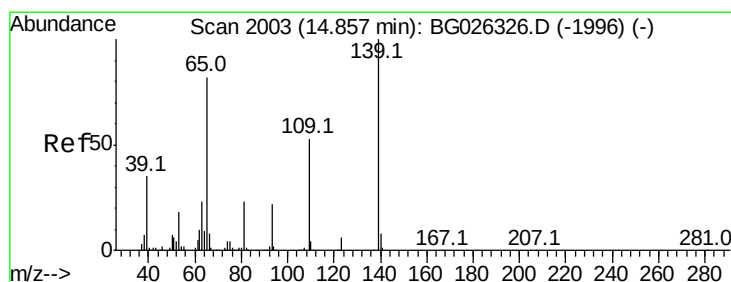
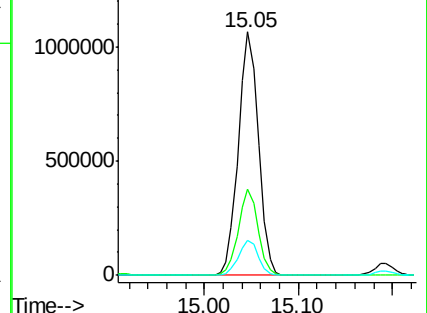
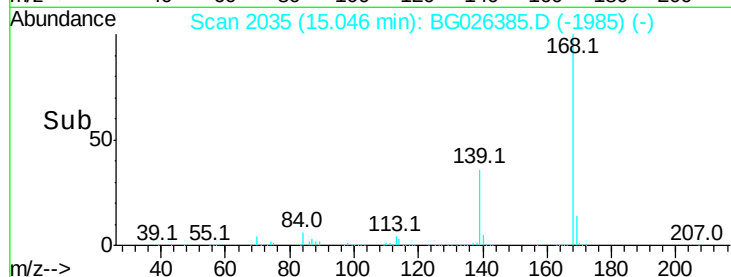
169 14.4 11.5 17.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 94.53 ng

RT: 14.86 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BG026385.D

Acq: 22 Mar 2017 21:17

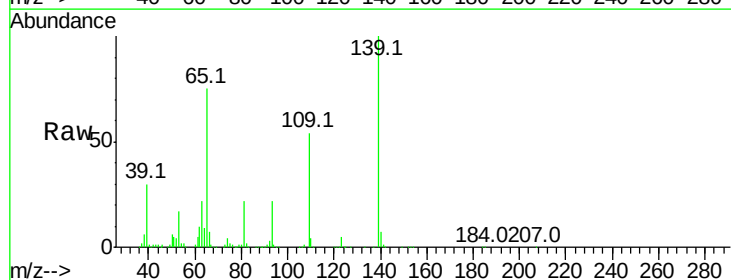
Tgt Ion:139 Resp: 529296

Ion Ratio Lower Upper

139 100

109 53.5 101.2 141.2#

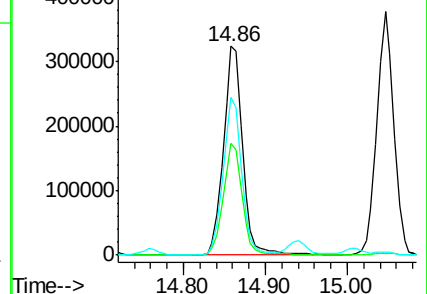
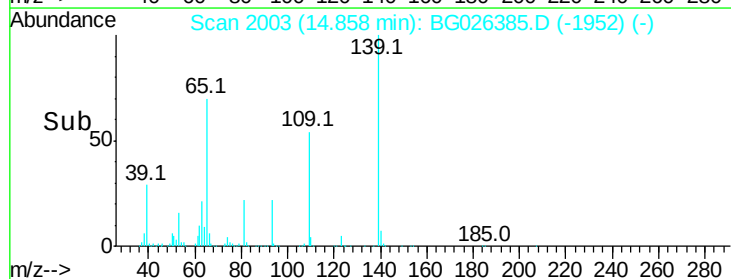
65 75.4 135.3 175.3#

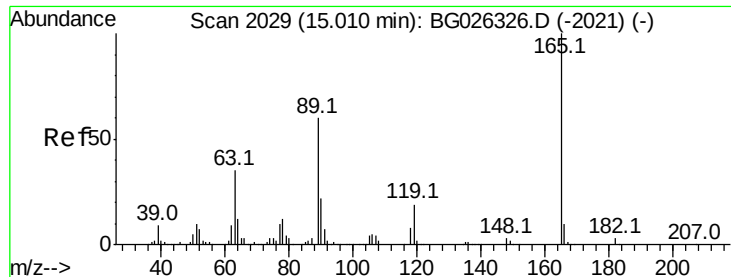


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

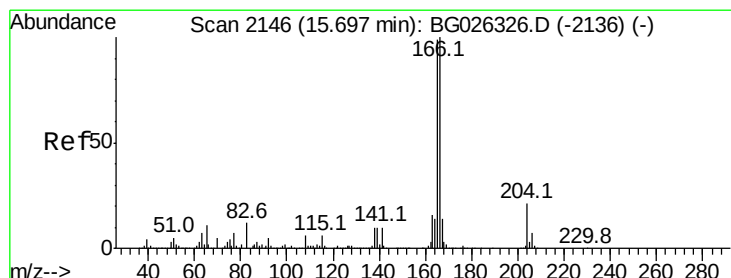
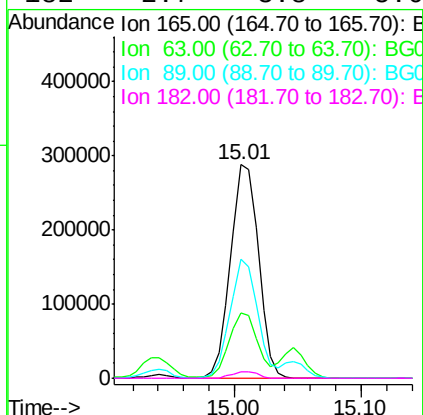
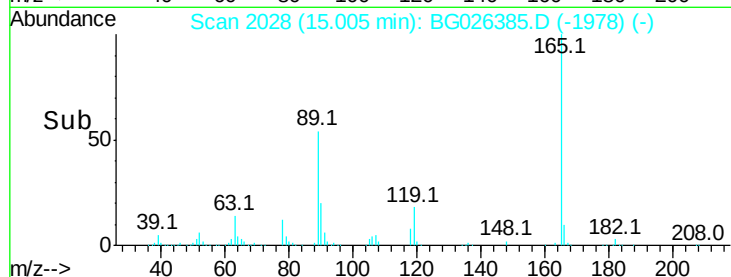
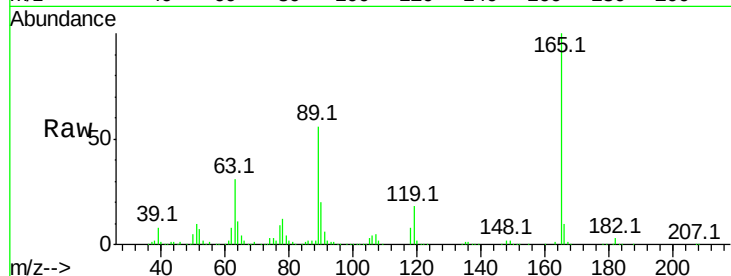




#56
2,4-Dinitrotoluene
Concen: 50.35 ng
RT: 15.01 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

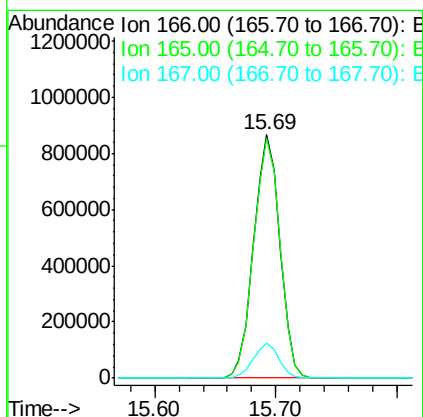
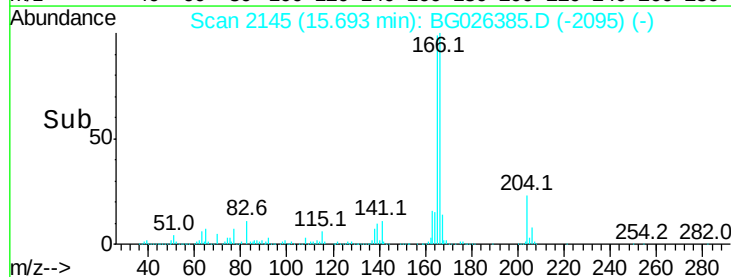
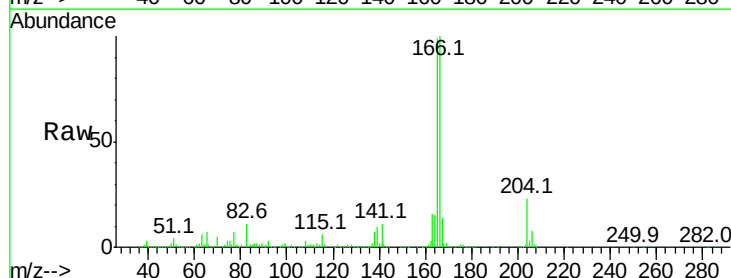
Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMSD

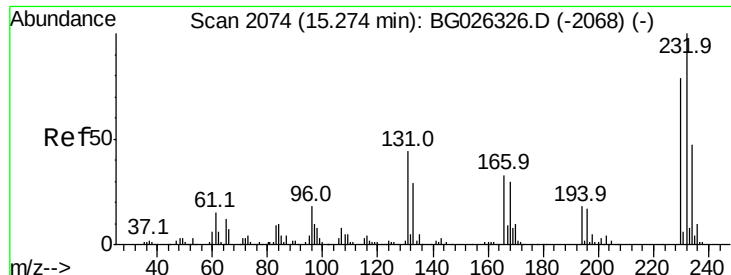
Tot Ion:165 Resp: 439732
Ion Ratio Lower Upper
165 100
63 30.8 44.0 66.0#
89 55.6 67.3 100.9#
182 2.7 3.8 5.6#



#57
Fluorene
Concen: 45.64 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

Tgt Ion:166 Resp: 1308845
Ion Ratio Lower Upper
166 100
165 98.5 78.6 117.8
167 14.3 11.6 17.4

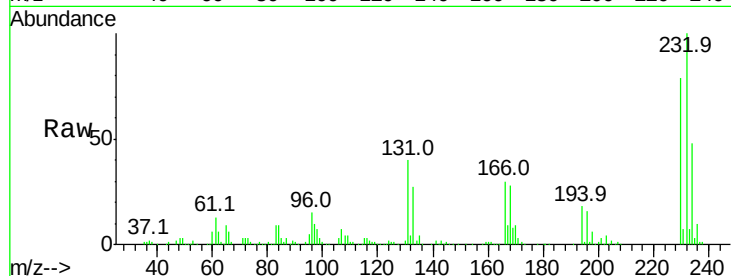




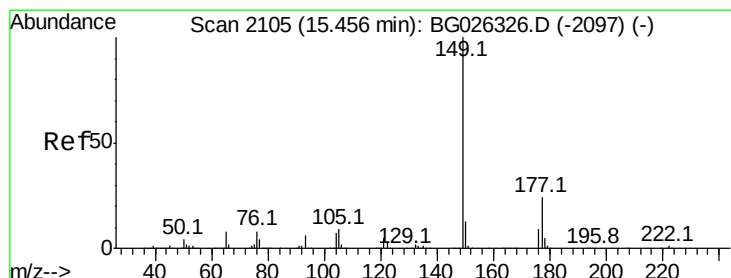
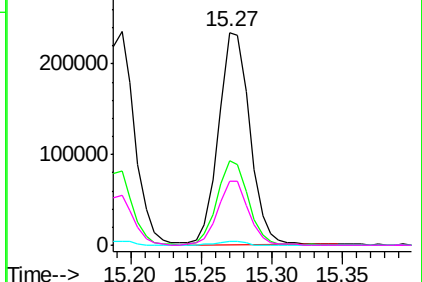
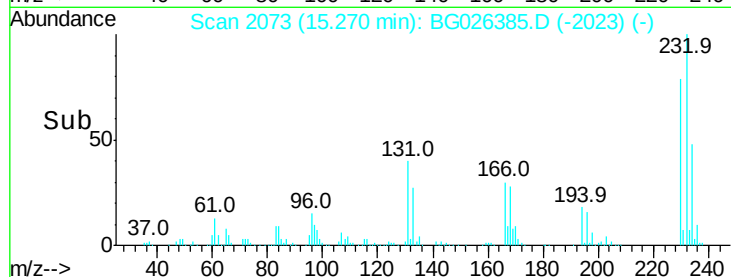
#58
2,3,4,6-Tetrachlorophenol
Concen: 53.95 ng
RT: 15.27 min Scan# 2073
Delta R.T. -0.00 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMSD

Tot Ion:232 Resp: 361205
Ion Ratio Lower Upper
232 100
131 39.9 34.9 52.3
130 2.0 2.3 3.5#
166 29.6 24.2 36.4

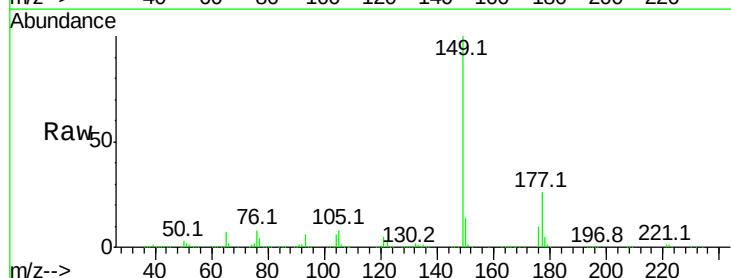


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

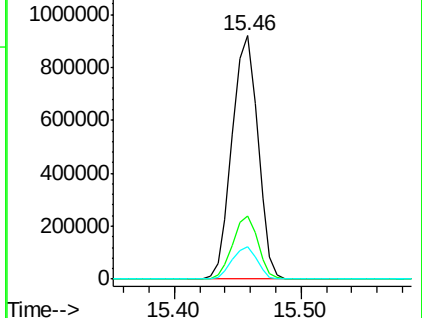
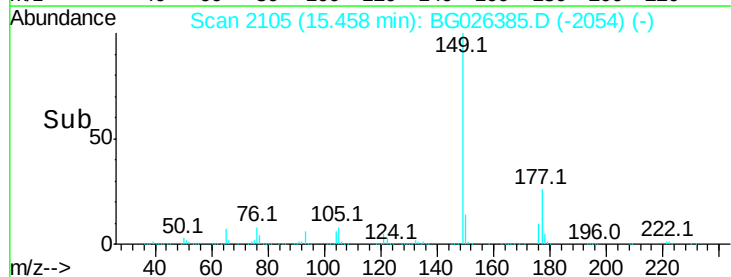


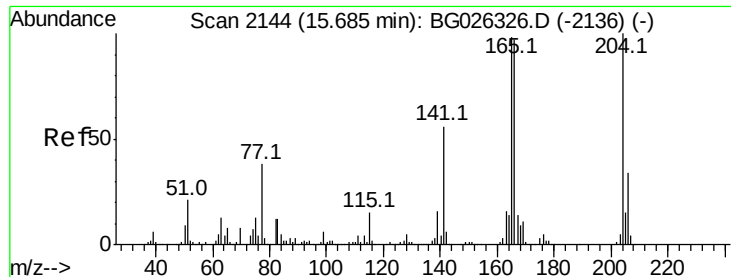
#59
Diethylphthalate
Concen: 47.70 ng
RT: 15.46 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

Tgt Ion:149 Resp: 1297227
Ion Ratio Lower Upper
149 100
177 25.8 20.1 30.1
150 13.5 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

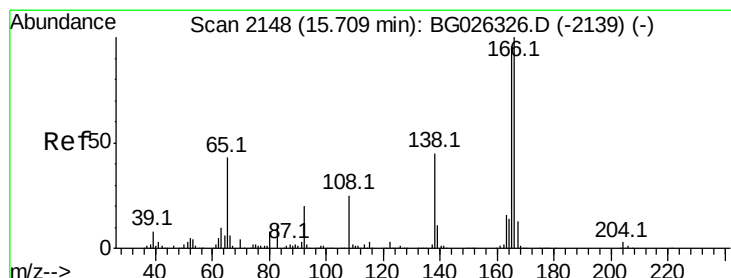
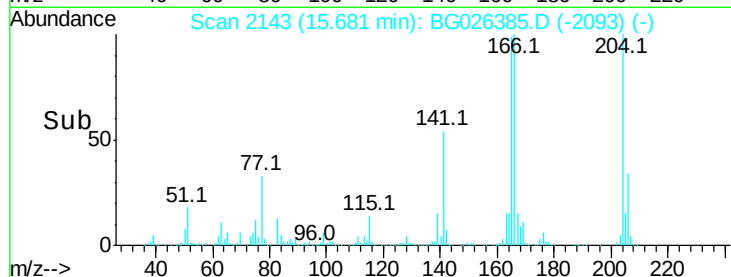
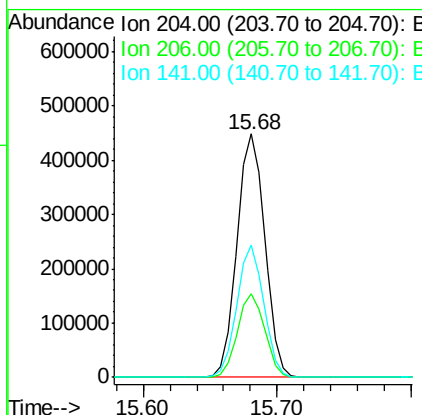
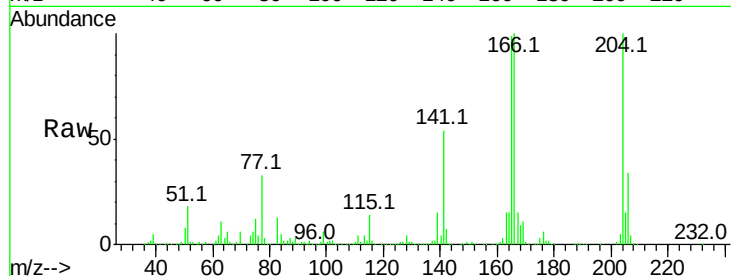




#60
4-Chlorophenyl-phenylether
Concen: 47.60 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

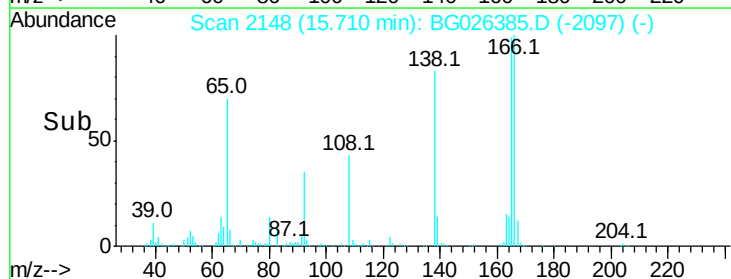
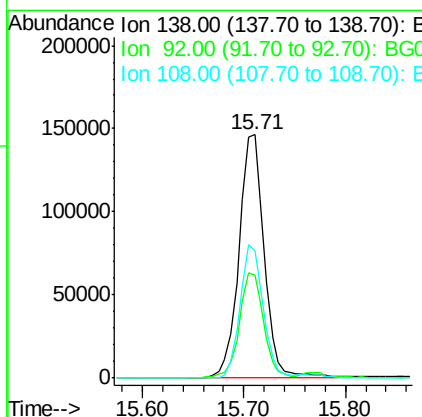
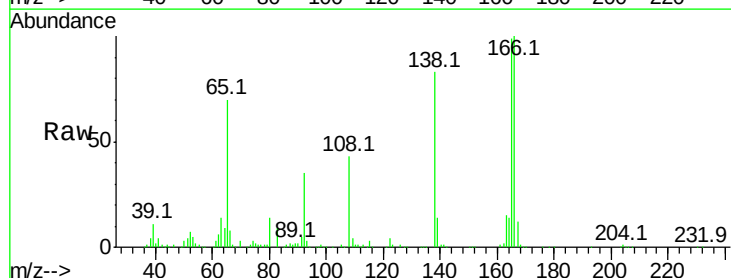
Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMSD

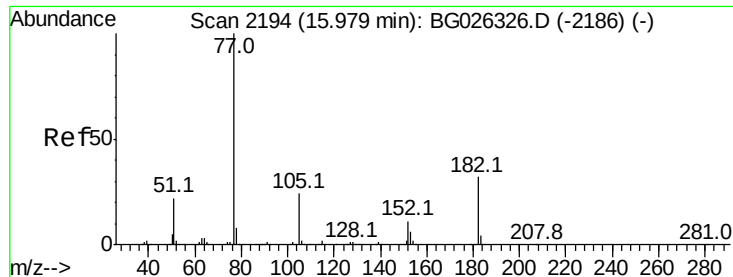
Tot Ion:204 Resp: 646906
Ion Ratio Lower Upper
204 100
206 34.4 30.1 45.1
141 54.2 50.6 76.0



#61
4-Nitroaniline
Concen: 35.12 ng
RT: 15.71 min Scan# 2148
Delta R.T. 0.00 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

Tgt Ion:138 Resp: 254036
Ion Ratio Lower Upper
138 100
92 42.1 44.2 84.2#
108 52.4 104.8 144.8#





#62

Azobenzene

Concen: 46.89 ng

RT: 15.97 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BG026385.D

Acq: 22 Mar 2017 21:17

Instrument :

BNA_G

ClientSampleId :

JFC-SOIL-COMPMSD

Tot Ion: 77 Resp: 1036825

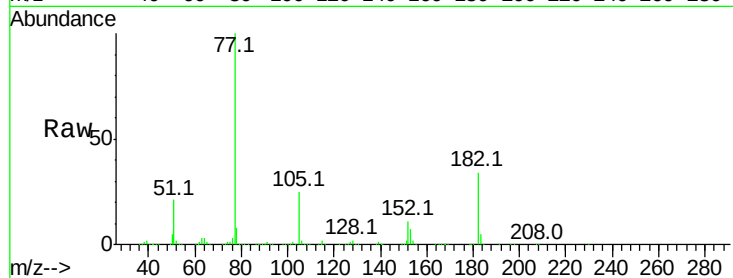
Ion	Ratio	Lower	Upper
77	100		
182	33.7	4.7	44.7
105	25.2	0.0	36.3
51	20.8	16.4	56.4

77 100

182 33.7 4.7 44.7

105 25.2 0.0 36.3

51 20.8 16.4 56.4



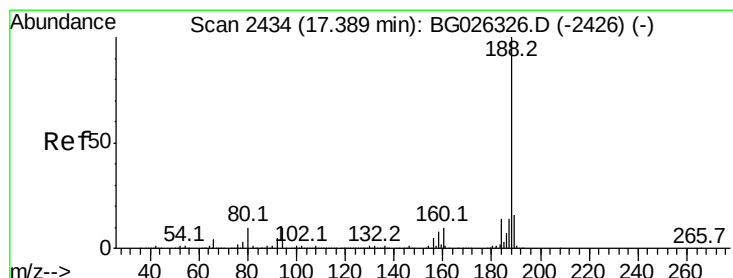
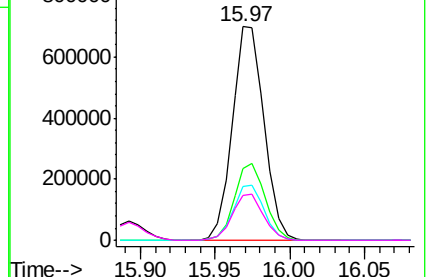
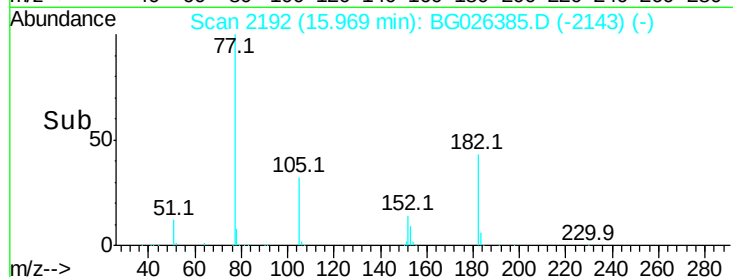
Abundance Ion 77.00 (76.70 to 77.70): BG026326.D (-2186) (-)

Ion 182.00 (181.70 to 182.70): BG026326.D (-2186) (-)

Ion 105.00 (104.70 to 105.70): BG026326.D (-2186) (-)

Ion 51.00 (50.70 to 51.70): BG026326.D (-2186) (-)

Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.38 min Scan# 2433

Delta R.T. -0.00 min

Lab File: BG026385.D

Acq: 22 Mar 2017 21:17

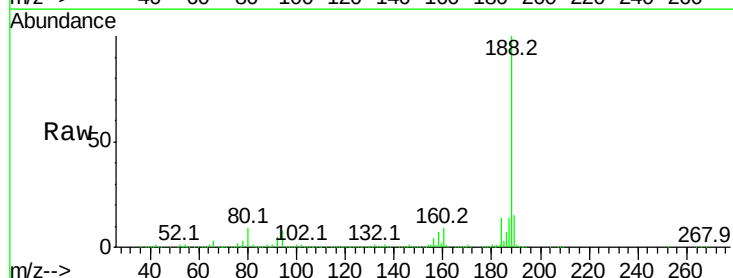
Tgt Ion: 188 Resp: 863083

Ion	Ratio	Lower	Upper
188	100		
94	8.5	5.8	8.8
80	9.2	7.5	11.3

188 100

94 8.5 5.8 8.8

80 9.2 7.5 11.3

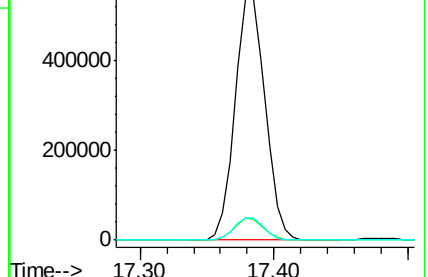
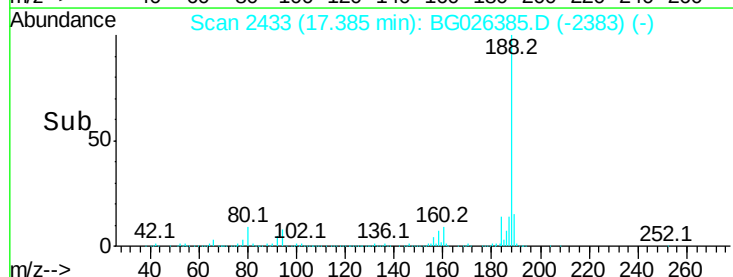


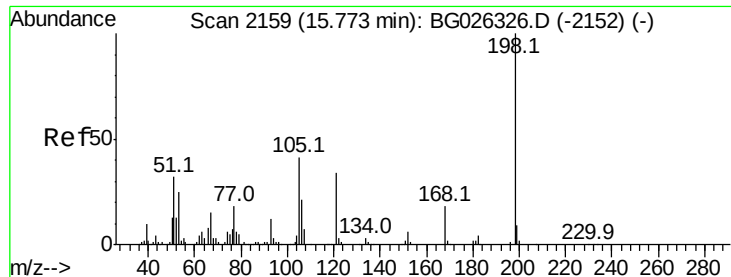
Abundance Ion 188.00 (187.70 to 188.70): BG026326.D (-2426) (-)

Ion 94.00 (93.70 to 94.70): BG026326.D (-2426) (-)

Ion 80.00 (79.70 to 80.70): BG026326.D (-2426) (-)

Time-->





#64

4,6-Dinitro-2-methylphenol

Concen: 51.93 ng

RT: 15.77 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BG026385.D

Acq: 22 Mar 2017 21:17

Instrument :

BNA_G

ClientSampleId :

JFC-SOIL-COMPMSD

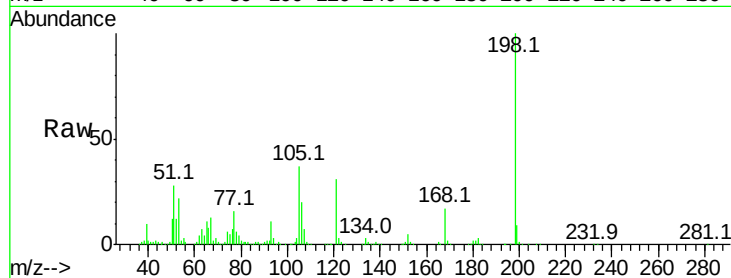
Tot Ion:198 Resp: 282588

Ion Ratio Lower Upper

198 100

51 27.7 22.6 62.6

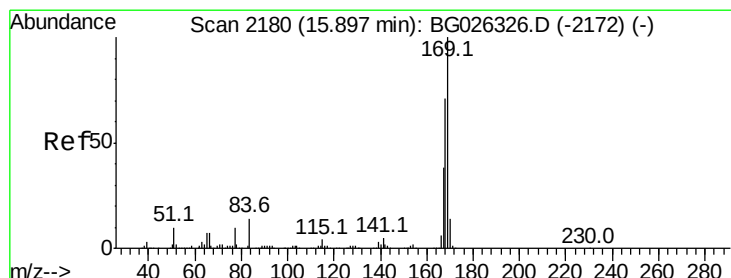
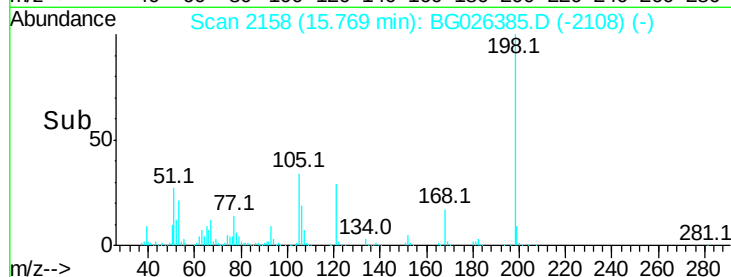
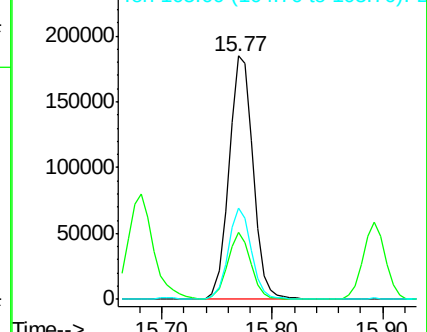
105 37.3 14.4 54.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 39.48 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.00 min

Lab File: BG026385.D

Acq: 22 Mar 2017 21:17

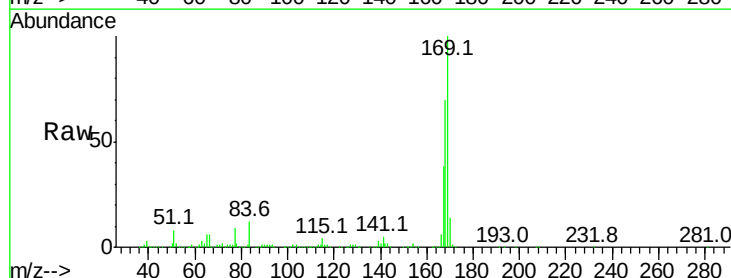
Tgt Ion:169 Resp: 999918

Ion Ratio Lower Upper

169 100

168 70.4 55.7 83.5

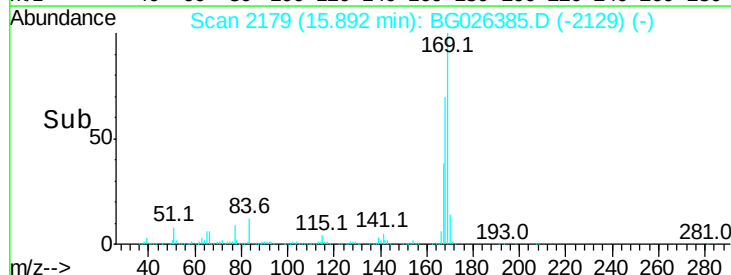
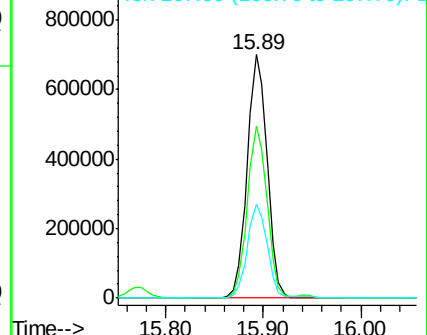
167 38.4 29.8 44.6

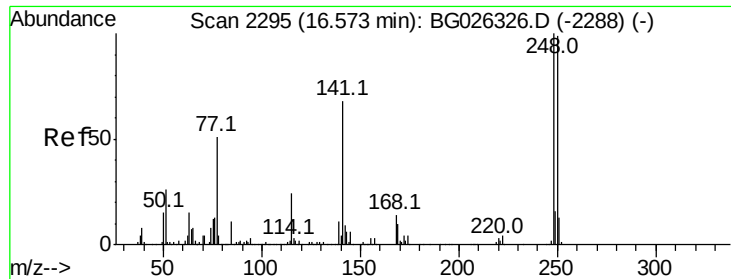


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

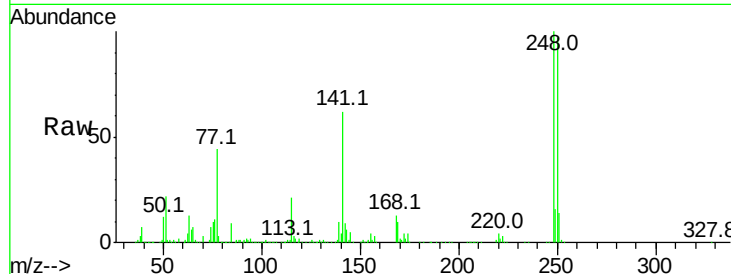




#66
4-Bromophenyl-phenylether
Concen: 48.62 ng
RT: 16.57 min Scan# 2294
Delta R.T. -0.00 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.2	75.0	112.6
141	62.4	55.2	82.8

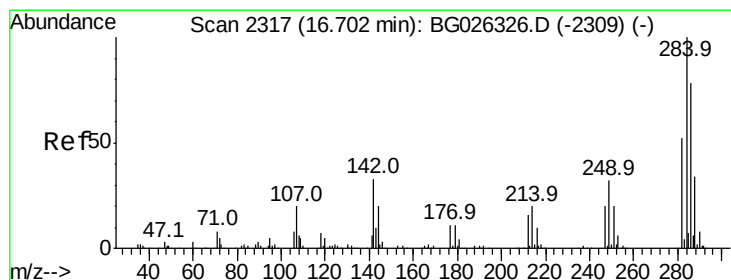
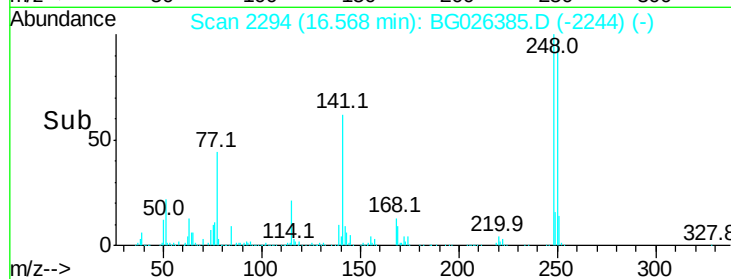
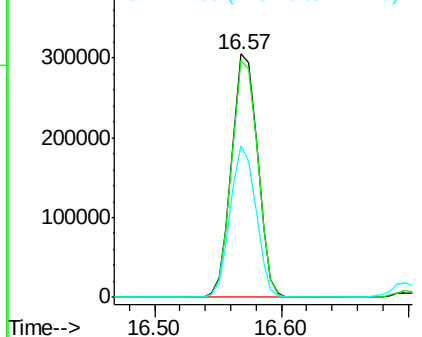


Abundance

Ion 248.00 (247.70 to 248.70): E

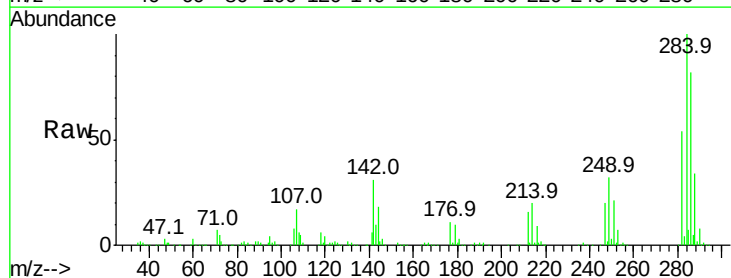
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#67
Hexachlorobenzene
Concen: 47.72 ng
RT: 16.70 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.1	29.9	44.9
249	32.0	29.2	43.8

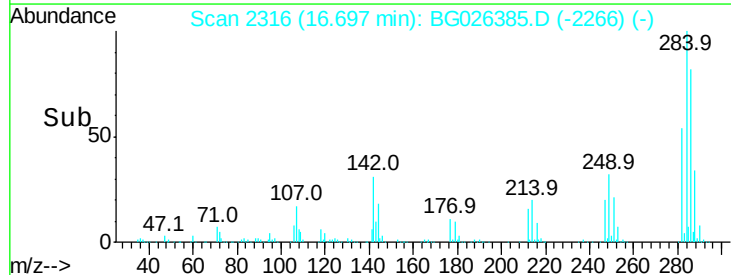
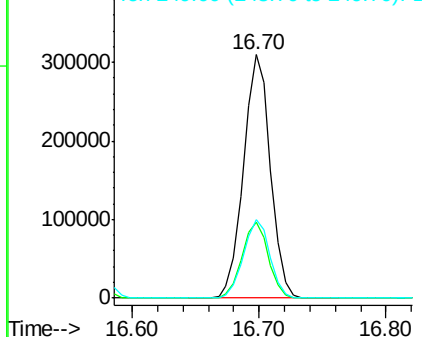


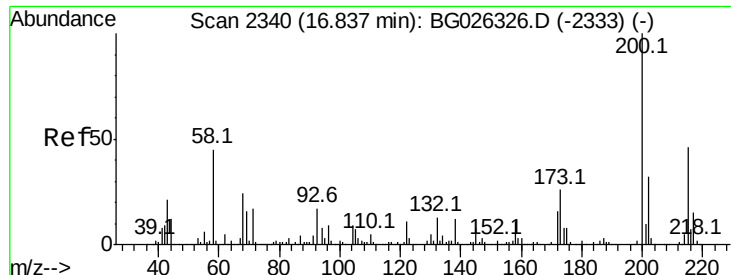
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#68

Atrazine

Concen: 14.31 ng

RT: 16.83 min Scan# 2339

Delta R.T. -0.00 min

Lab File: BG026385.D

Acq: 22 Mar 2017 21:17

Instrument :

BNA_G

ClientSampleId :

JFC-SOIL-COMPMSD

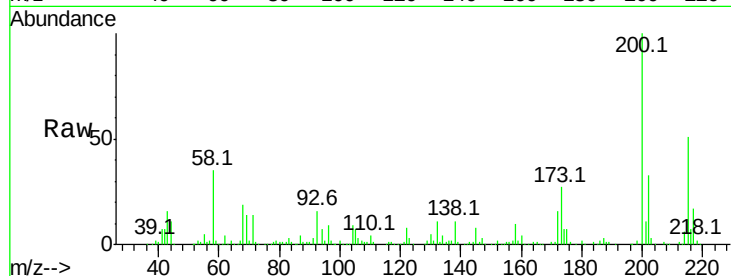
Tot Ion:200 Resp: 137205

Ion Ratio Lower Upper

200 100

173 27.2 3.0 43.0

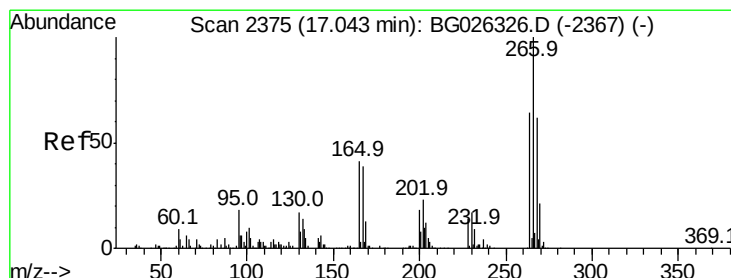
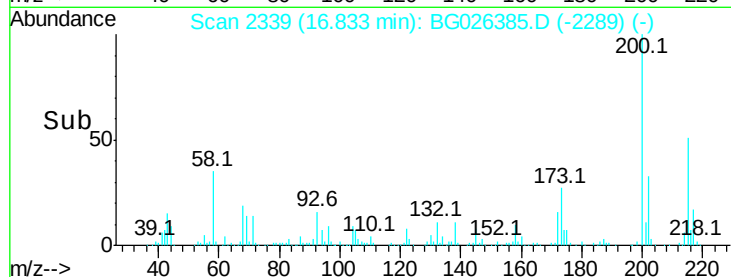
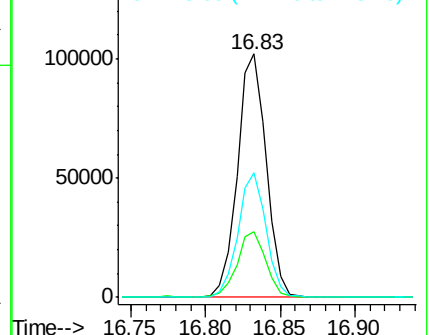
215 51.4 28.4 68.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 94.64 ng

RT: 17.04 min Scan# 2374

Delta R.T. -0.00 min

Lab File: BG026385.D

Acq: 22 Mar 2017 21:17

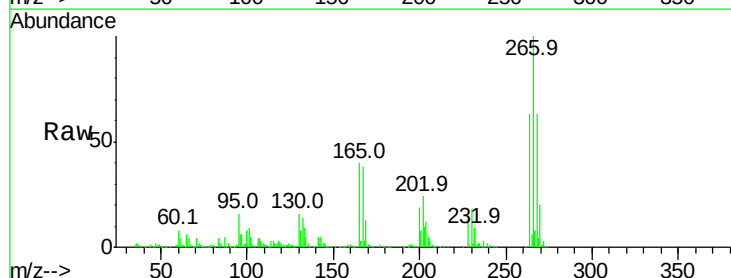
Tgt Ion:266 Resp: 583100

Ion Ratio Lower Upper

266 100

268 62.7 48.6 72.8

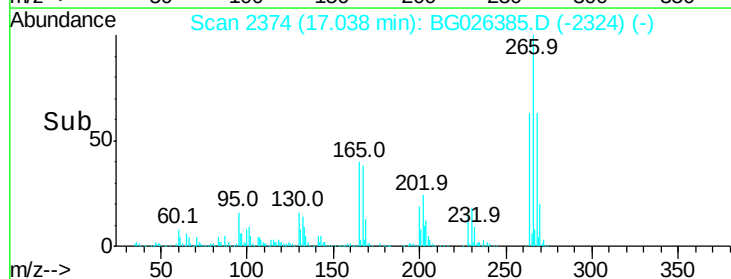
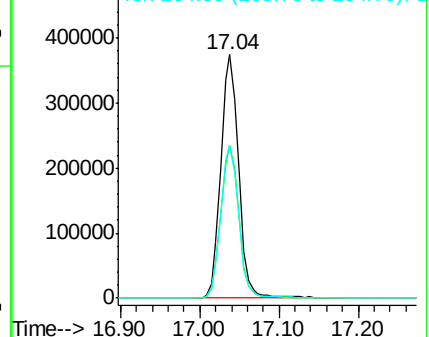
264 62.8 50.1 75.1

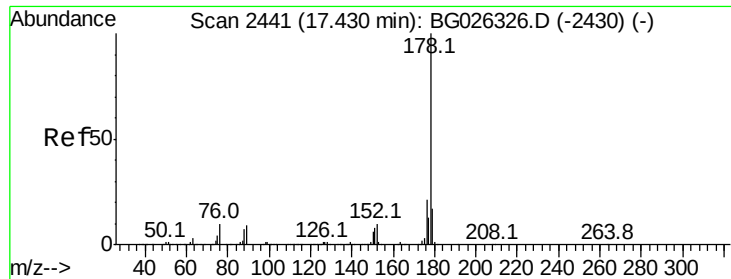


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 43.96 ng

RT: 17.43 min Scan# 2440

Delta R.T. -0.00 min

Lab File: BG026385.D

Acq: 22 Mar 2017 21:17

Instrument :

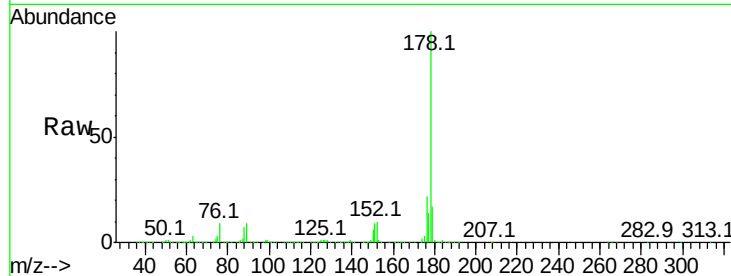
BNA_G

ClientSampleId :

JFC-SOIL-COMPMSD

Tot Ion:178 Resp: 2037279

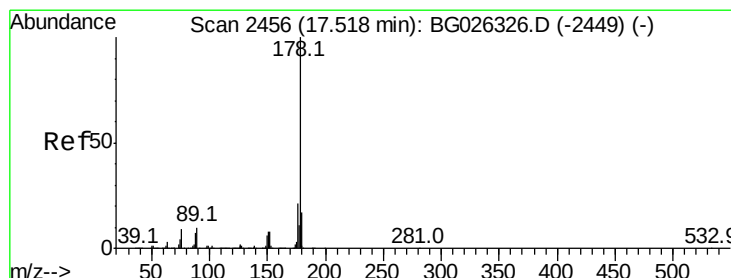
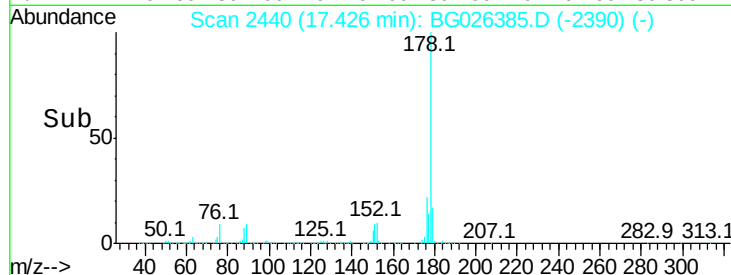
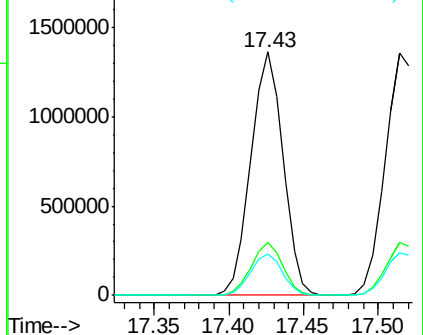
Ion	Ratio	Lower	Upper
178	100		
176	21.8	17.7	26.5
179	17.2	15.0	22.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 44.63 ng

RT: 17.51 min Scan# 2455

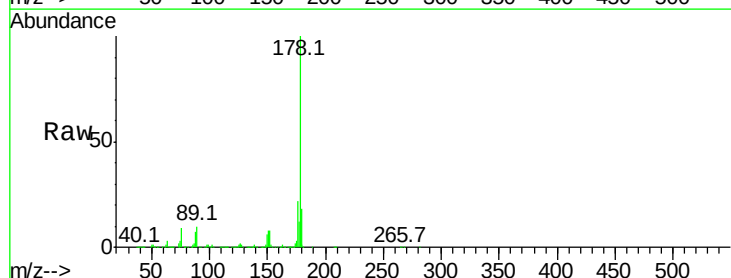
Delta R.T. -0.00 min

Lab File: BG026385.D

Acq: 22 Mar 2017 21:17

Tgt Ion:178 Resp: 2110258

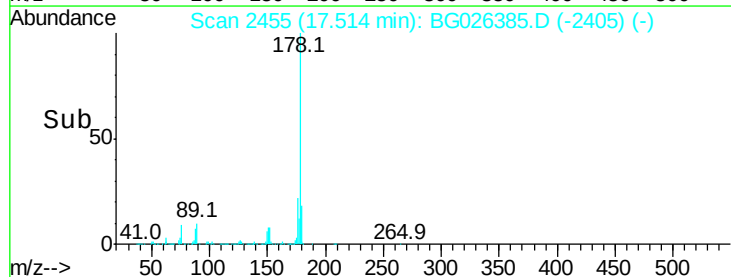
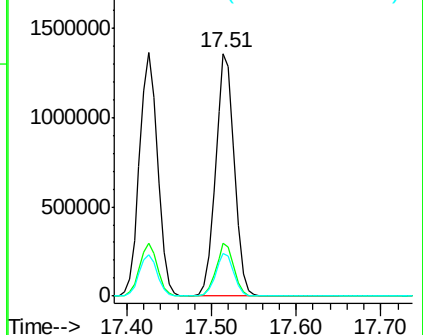
Ion	Ratio	Lower	Upper
178	100		
176	21.9	16.4	24.6
179	17.8	13.8	20.8

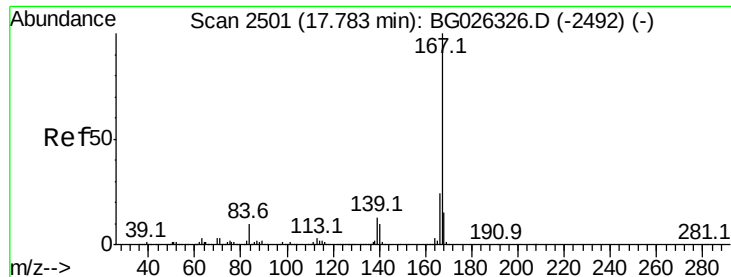


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 31.03 ng

RT: 17.78 min Scan# 2500

Delta R.T. -0.00 min

Lab File: BG026385.D

Acq: 22 Mar 2017 21:17

Instrument :

BNA_G

ClientSampleId :

JFC-SOIL-COMPMSD

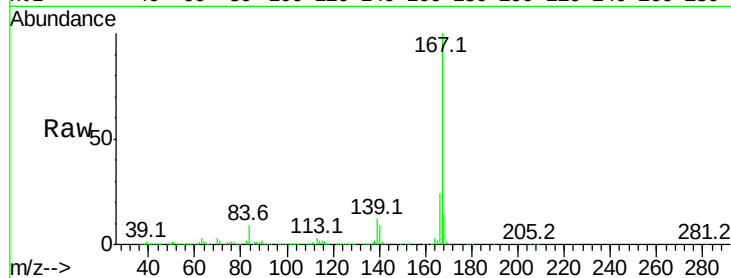
Tot Ion:167 Resp: 1510989

Ion Ratio Lower Upper

167 100

166 23.7 20.2 30.2

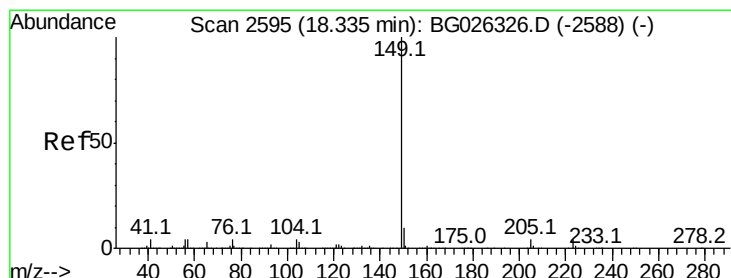
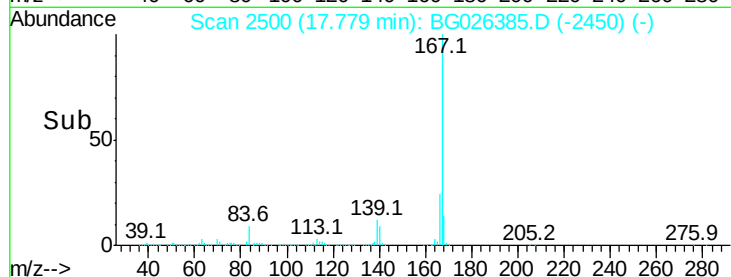
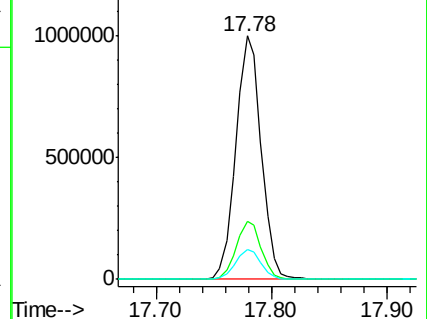
139 12.5 12.8 19.2#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 45.54 ng

RT: 18.33 min Scan# 2594

Delta R.T. -0.00 min

Lab File: BG026385.D

Acq: 22 Mar 2017 21:17

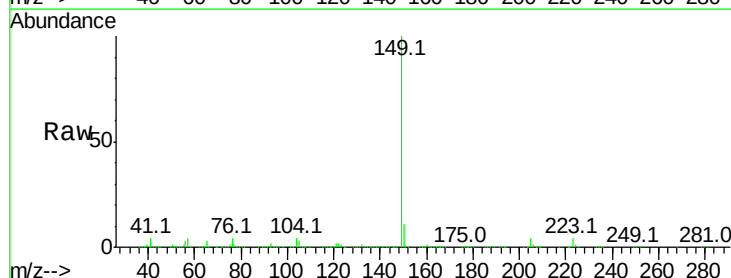
Tgt Ion:149 Resp: 2278080

Ion Ratio Lower Upper

149 100

150 10.8 9.1 13.7

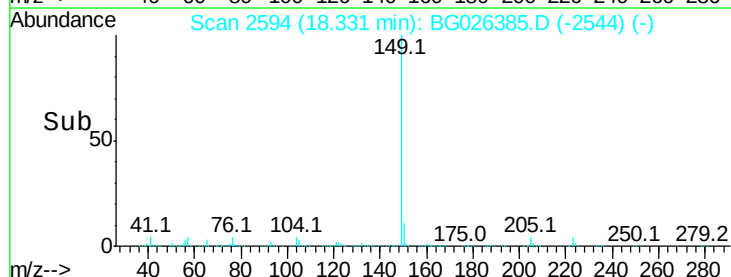
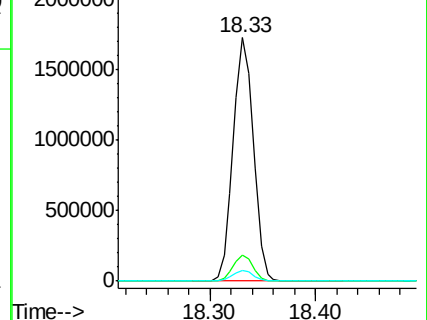
104 4.4 6.7 10.1#

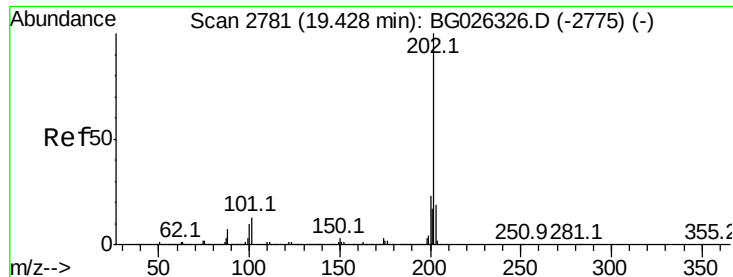


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 44.77 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.00 min

Lab File: BG026385.D

Acq: 22 Mar 2017 21:17

Instrument :

BNA_G

ClientSampleId :

JFC-SOIL-COMPMSD

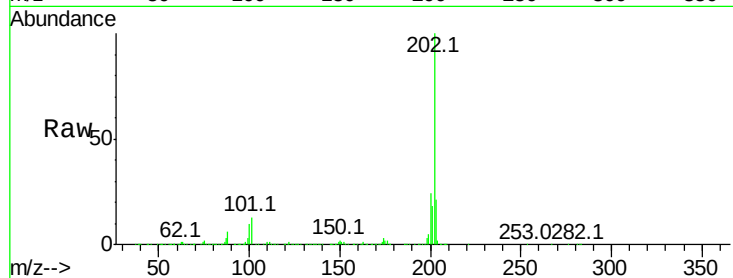
Tot Ion:202 Resp: 2440277

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	30.1
203	20.7	1.3	41.3

202 100

101 12.9 0.0 30.1

203 20.7 1.3 41.3

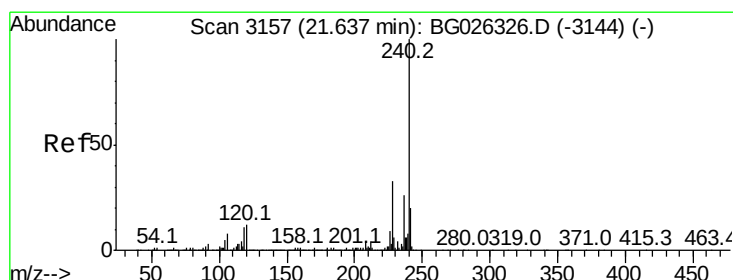
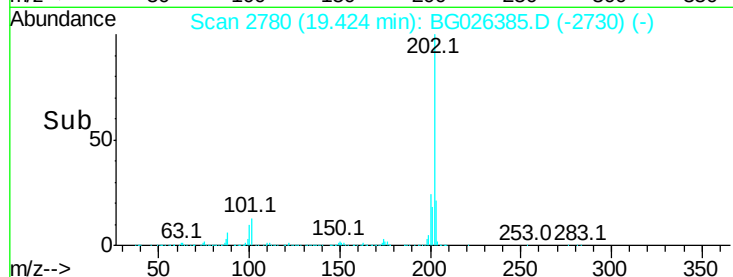
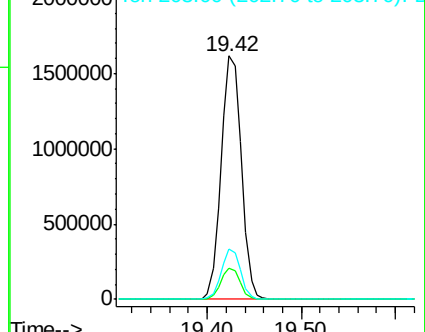


Abundance

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. -0.00 min

Lab File: BG026385.D

Acq: 22 Mar 2017 21:17

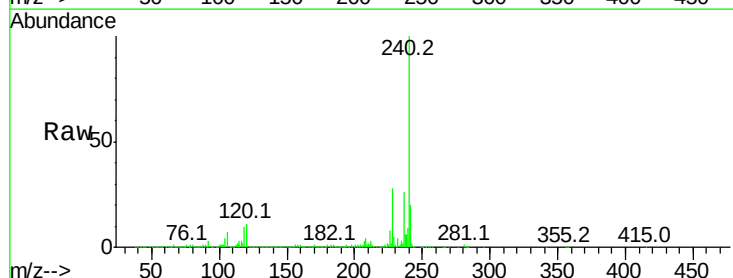
Tgt Ion:240 Resp: 961820

Ion	Ratio	Lower	Upper
240	100		
120	10.9	5.7	8.5#
236	26.4	22.2	33.4

240 100

120 10.9 5.7 8.5#

236 26.4 22.2 33.4

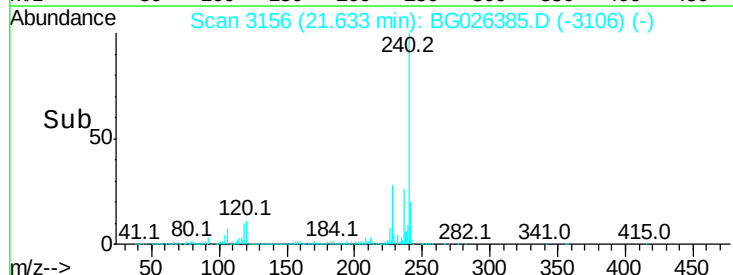
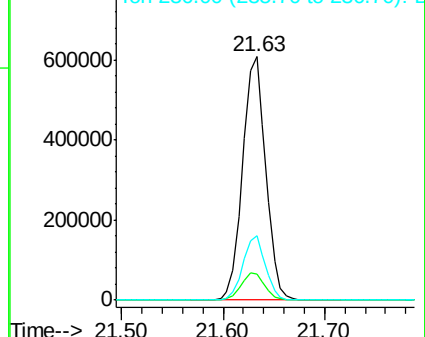


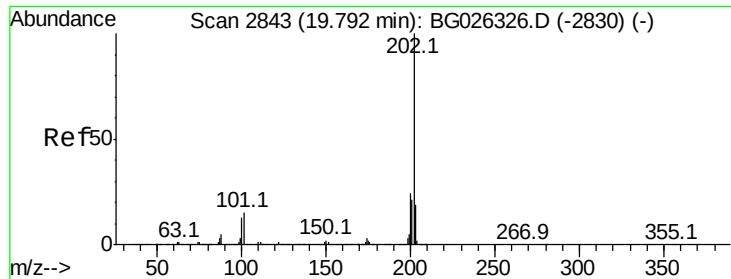
Abundance

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

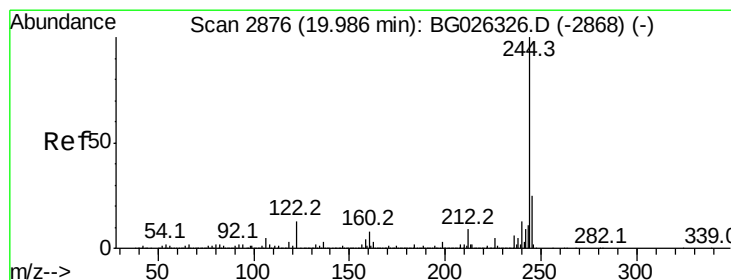
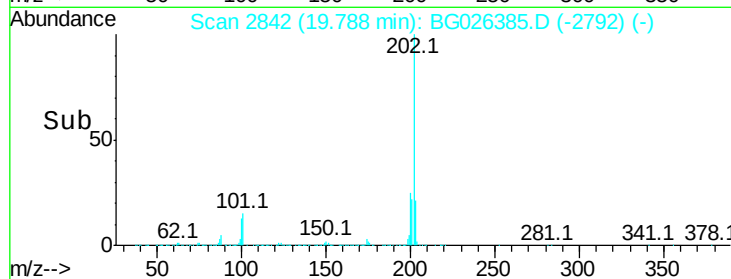
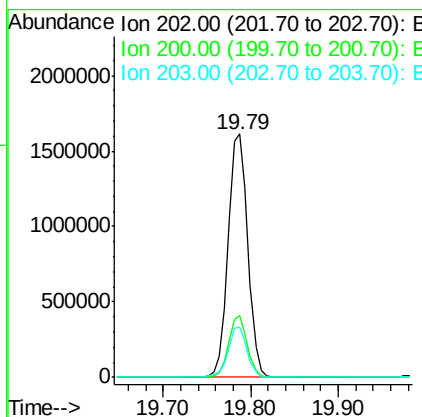
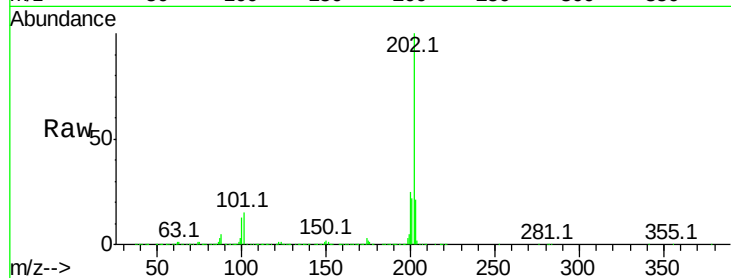




#77
Pvrene
Concen: 44.55 ng
RT: 19.79 min Scan# 2842
Delta R.T. -0.00 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

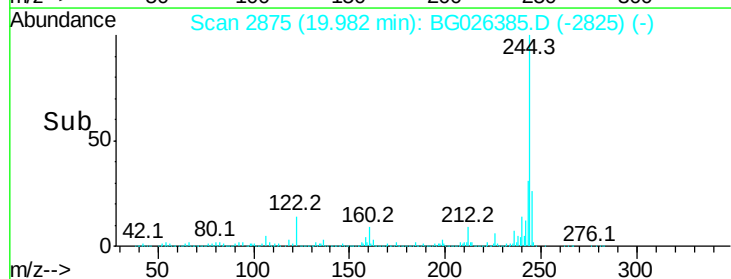
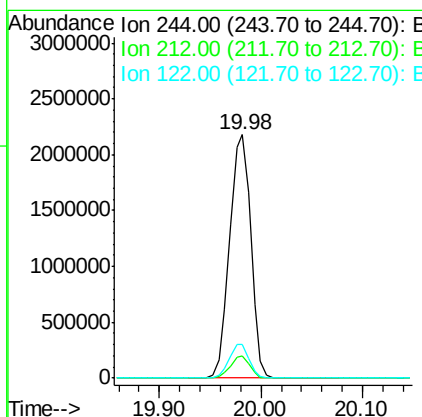
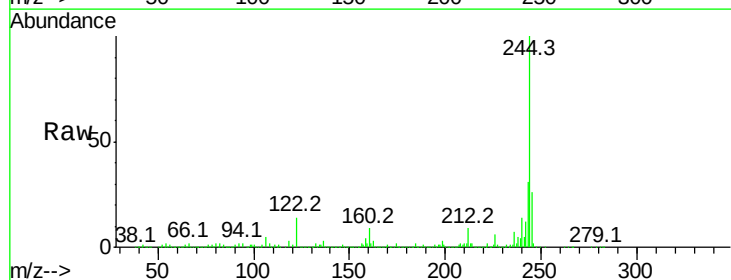
Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMSD

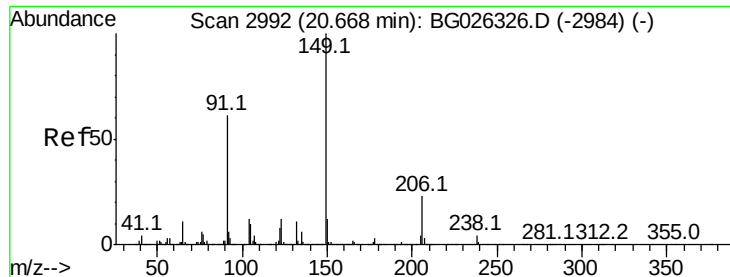
Tot Ion:202 Resp: 2481129
Ion Ratio Lower Upper
202 100
200 25.2 19.6 29.4
203 20.7 15.8 23.8



#78
Terphenyl-d14
Concen: 79.92 ng
RT: 19.98 min Scan# 2875
Delta R.T. -0.00 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

Tgt Ion:244 Resp: 3165152
Ion Ratio Lower Upper
244 100
212 9.3 10.0 15.0#
122 13.9 8.6 12.8#

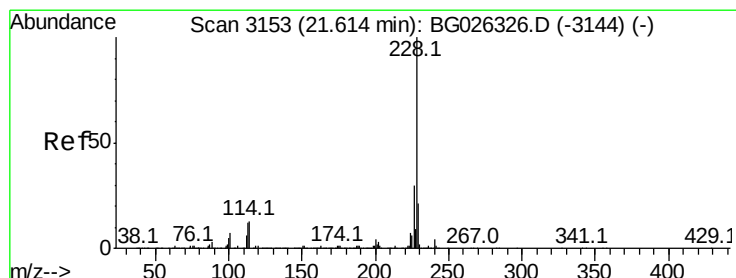
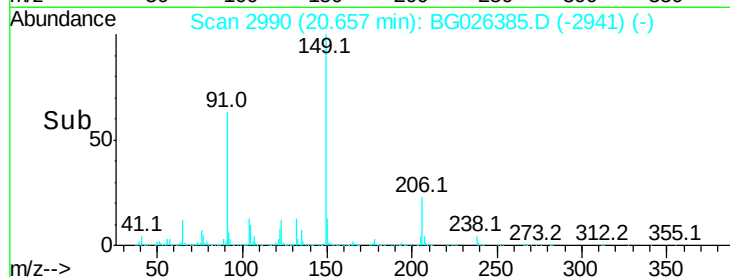
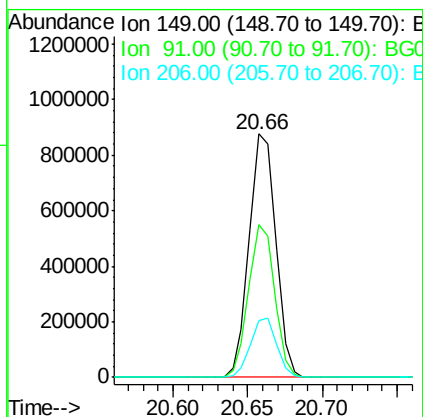
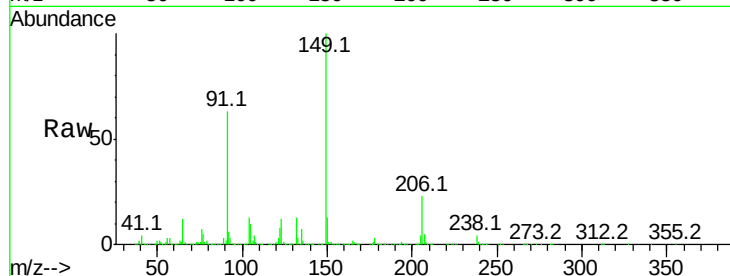




#79
Butylbenzylphthalate
Concen: 48.42 ng
RT: 20.66 min Scan# 2990
Delta R.T. -0.01 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

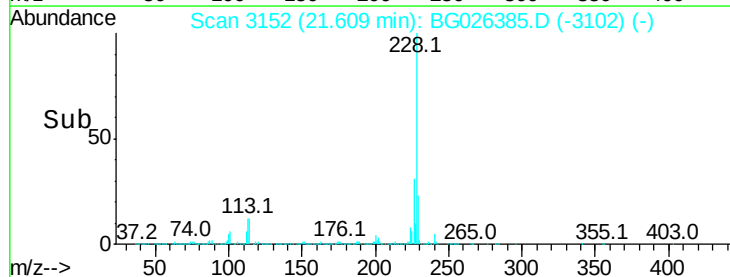
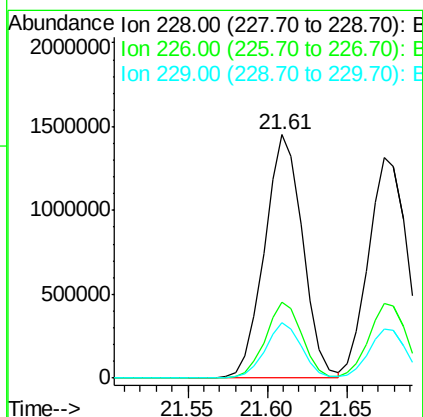
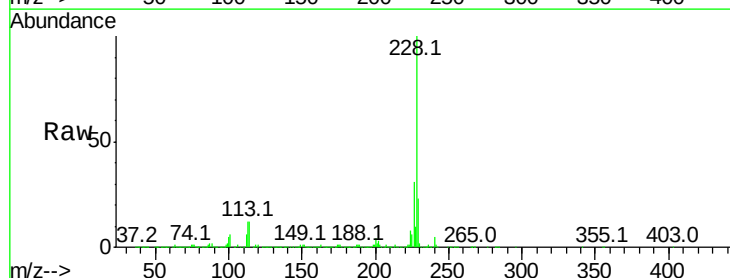
Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMSD

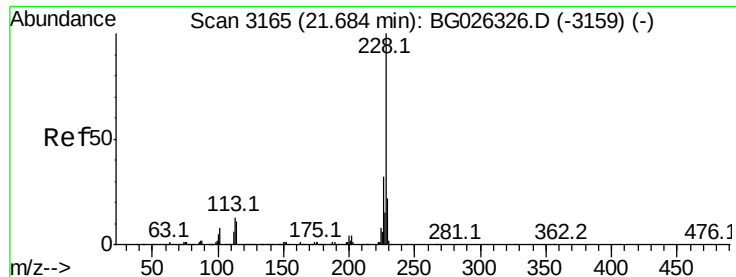
Tot Ion:149 Resp: 1078974
Ion Ratio Lower Upper
149 100
91 62.7 63.5 95.3#
206 23.4 21.0 31.6



#80
Benzo(a)anthracene
Concen: 44.85 ng
RT: 21.61 min Scan# 3152
Delta R.T. -0.00 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

Tgt Ion:228 Resp: 2427509
Ion Ratio Lower Upper
228 100
226 31.3 24.9 37.3
229 22.7 18.2 27.2





#82

Chrysene

Concen: 43.21 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG026385.D

Acq: 22 Mar 2017 21:17

Instrument :

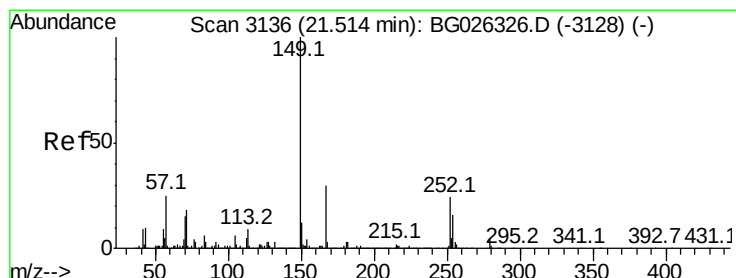
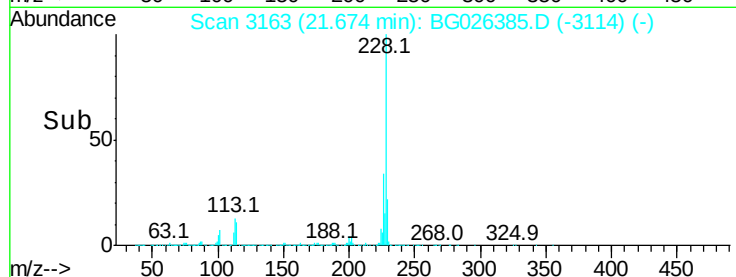
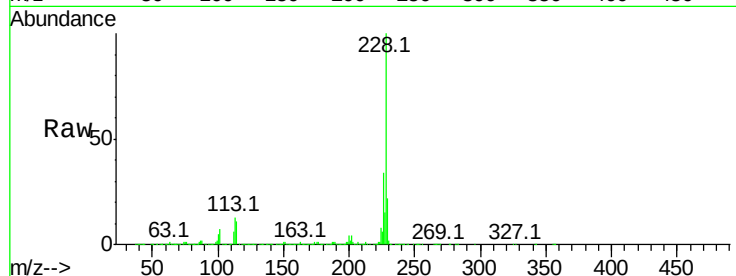
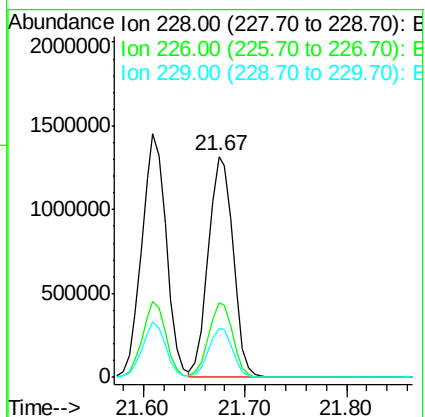
BNA_G

ClientSampleId :

JFC-SOIL-COMPMSD

Tot Ion:228 Resp: 2234473

Ion	Ratio	Lower	Upper
228	100		
226	33.7	27.0	40.4
229	22.3	17.8	26.6



#83

Bis(2-ethylhexyl)phthalate

Concen: 46.42 ng

RT: 21.51 min Scan# 3135

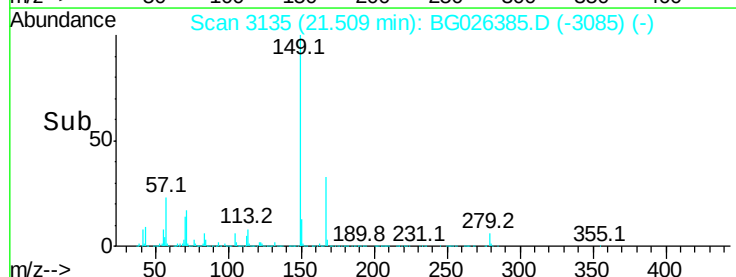
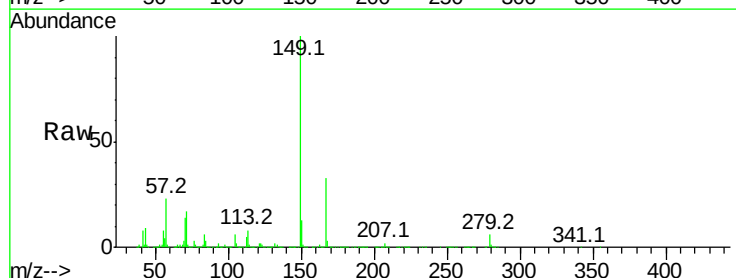
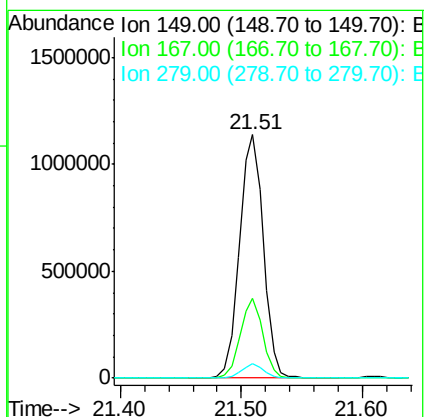
Delta R.T. -0.00 min

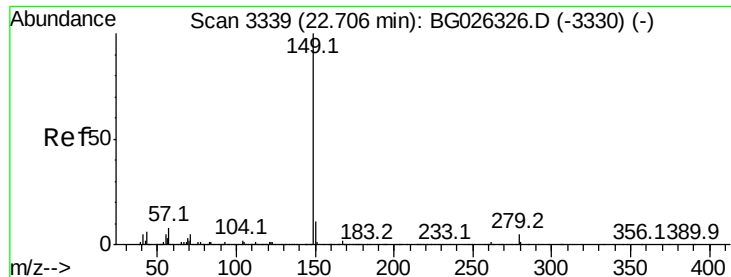
Lab File: BG026385.D

Acq: 22 Mar 2017 21:17

Tgt Ion:149 Resp: 1562271

Ion	Ratio	Lower	Upper
149	100		
167	32.7	23.7	35.5
279	5.7	4.6	6.8

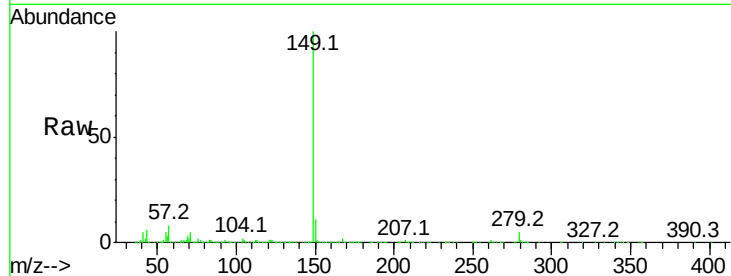




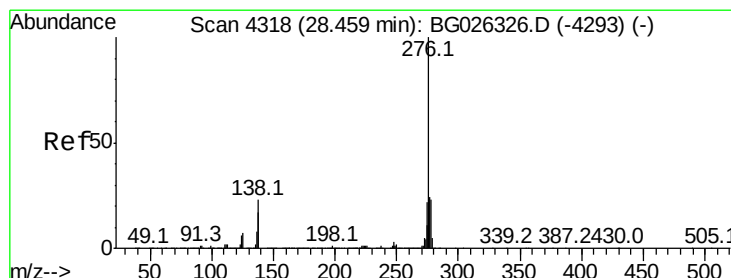
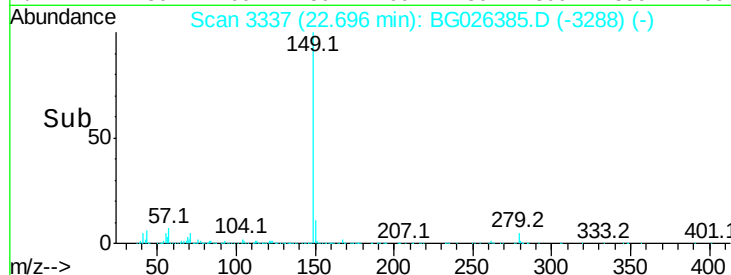
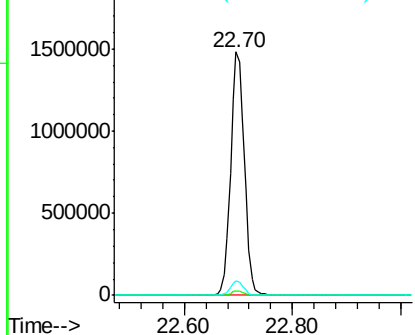
#84
Di-n-octyl phthalate
Concen: 46.35 ng
RT: 22.70 min Scan# 3337
Delta R.T. -0.01 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMSD

Tot Ion:149 Resp: 2662516
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.2
43 5.8 11.8 17.6#

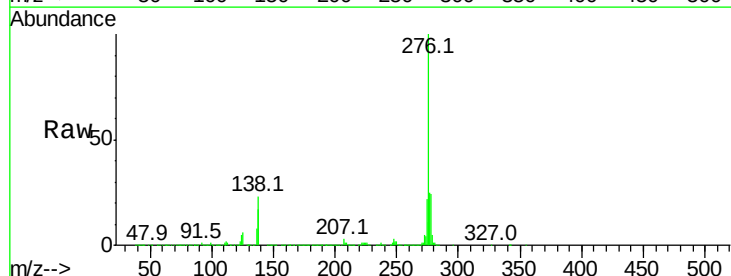


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B

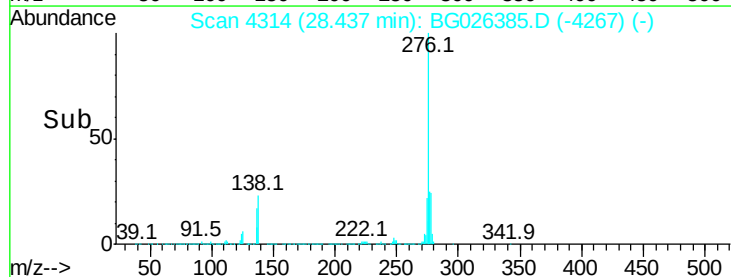
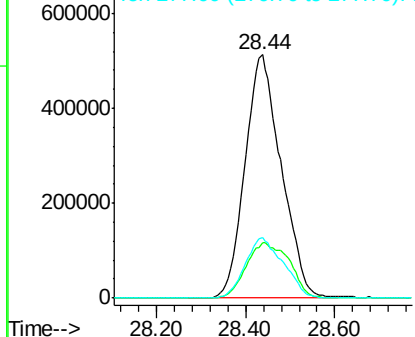


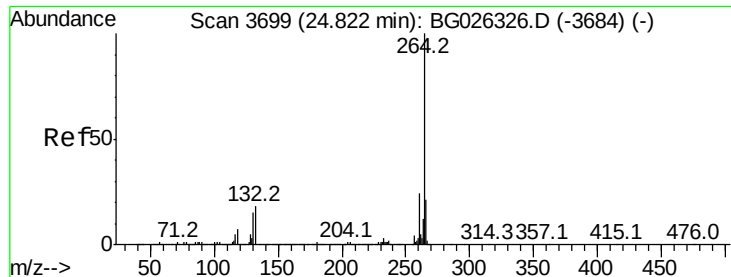
#85
Indeno(1,2,3-cd)pyrene
Concen: 44.88 ng
RT: 28.44 min Scan# 4314
Delta R.T. -0.02 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

Tgt Ion:276 Resp: 2865562
Ion Ratio Lower Upper
276 100
138 27.3 4.7 7.1#
277 26.2 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

Pervlene-d12

Concen: 20.00 ng

RT: 24.81 min Scan# 3696

Delta R.T. -0.02 min

Lab File: BG026385.D

Acq: 22 Mar 2017 21:17

Instrument :

BNA_G

ClientSampleId :

JFC-SOIL-COMPMSD

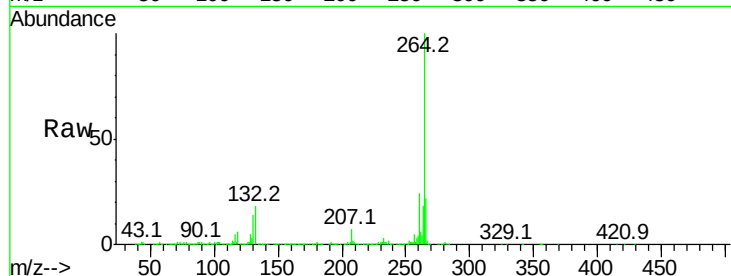
Tot Ion:264 Resp: 795462

Ion Ratio Lower Upper

264 100

260 23.8 21.8 32.8

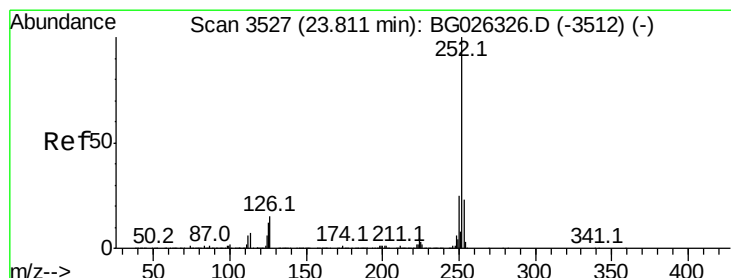
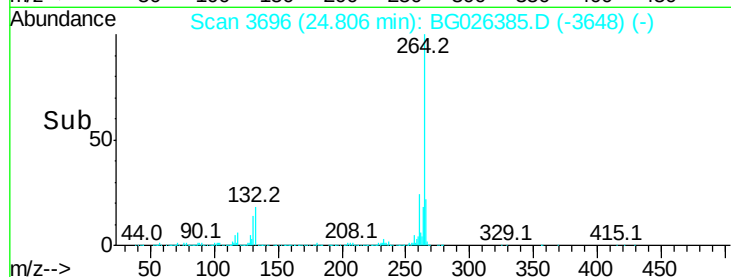
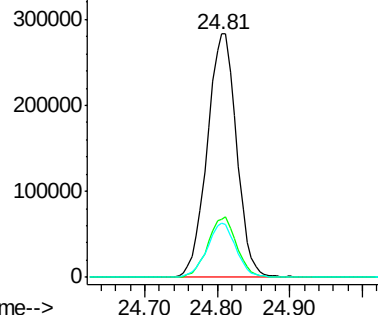
265 22.1 18.2 27.4



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: 54.47 ng

RT: 23.80 min Scan# 3525

Delta R.T. -0.01 min

Lab File: BG026385.D

Acq: 22 Mar 2017 21:17

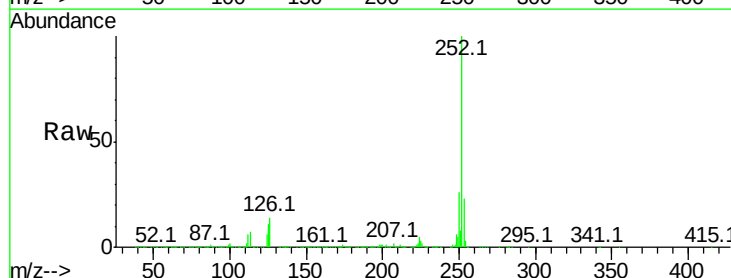
Tgt Ion:252 Resp: 2554137

Ion Ratio Lower Upper

252 100

253 23.5 18.7 28.1

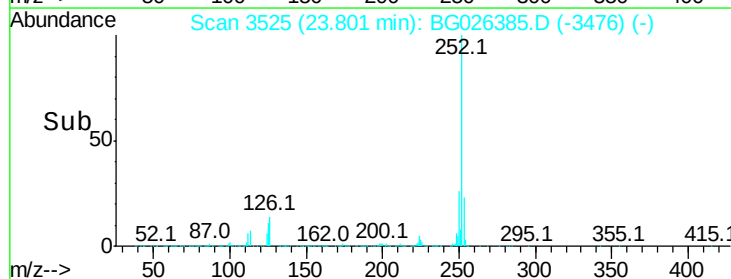
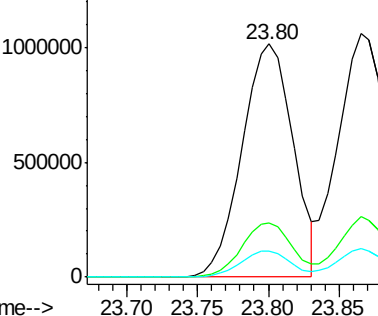
125 11.0 5.3 7.9#

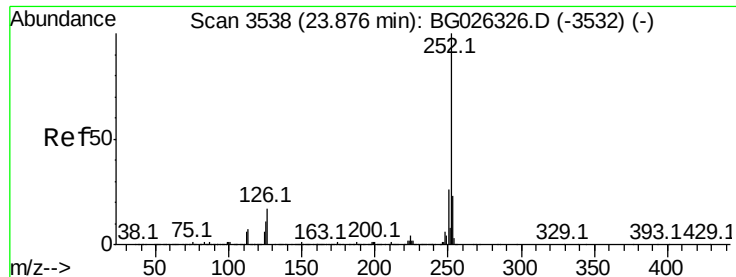


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 55.81 ng

RT: 23.87 min Scan# 3536

Delta R.T. -0.01 min

Lab File: BG026385.D

Acq: 22 Mar 2017 21:17

Instrument :

BNA_G

ClientSampleId :

JFC-SOIL-COMPMSD

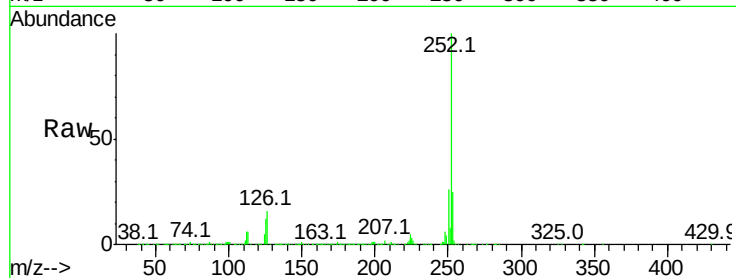
Tot Ion:252 Resp: 2537788

Ion Ratio Lower Upper

252 100

253 24.7 20.2 30.2

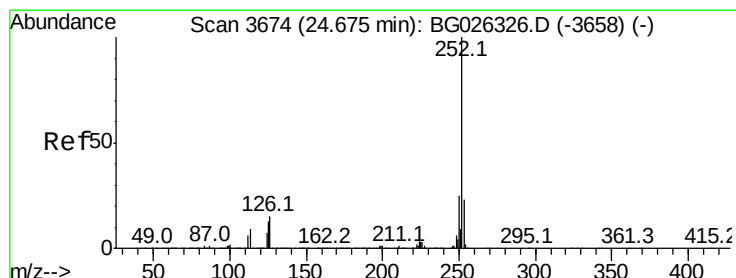
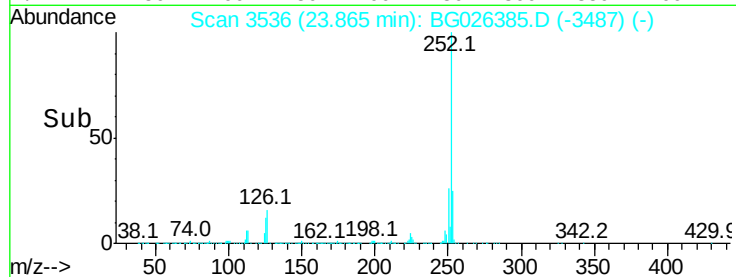
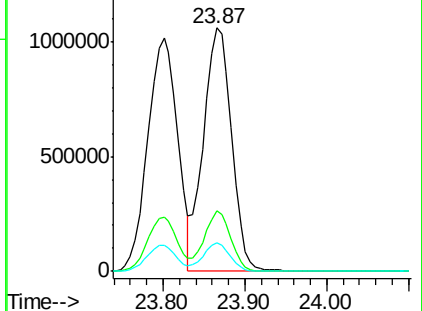
125 11.6 5.1 7.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 52.23 ng

RT: 24.66 min Scan# 3672

Delta R.T. -0.01 min

Lab File: BG026385.D

Acq: 22 Mar 2017 21:17

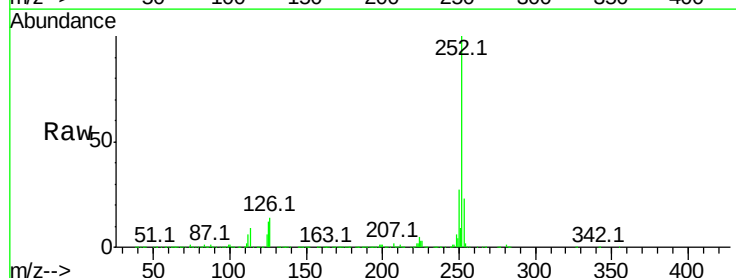
Tgt Ion:252 Resp: 2349311

Ion Ratio Lower Upper

252 100

253 23.4 19.2 28.8

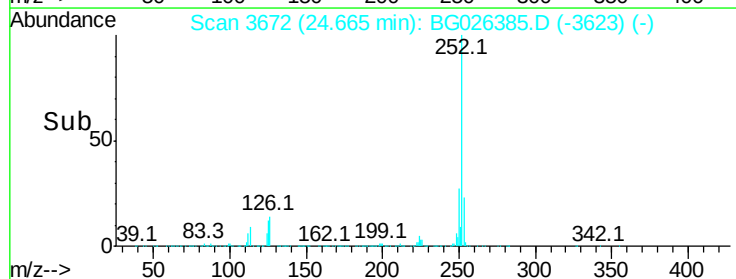
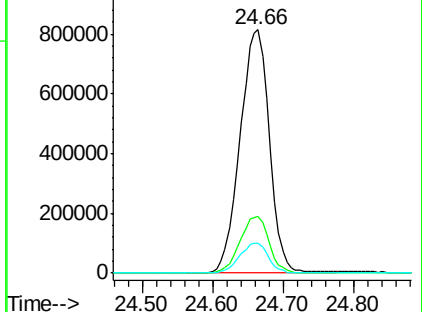
125 12.2 5.4 8.0#

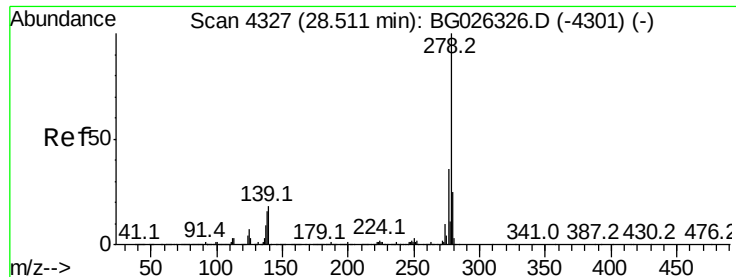


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 55.05 ng

RT: 28.48 min Scan# 4322

Delta R.T. -0.03 min

Lab File: BG026385.D

Acq: 22 Mar 2017 21:17

Instrument :

BNA_G

ClientSampleId :

JFC-SOIL-COMPMSD

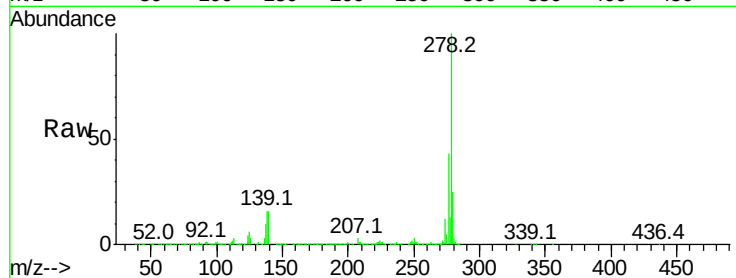
Tot Ion:278 Resp: 2502224

Ion Ratio Lower Upper

278 100

139 16.1 7.7 11.5#

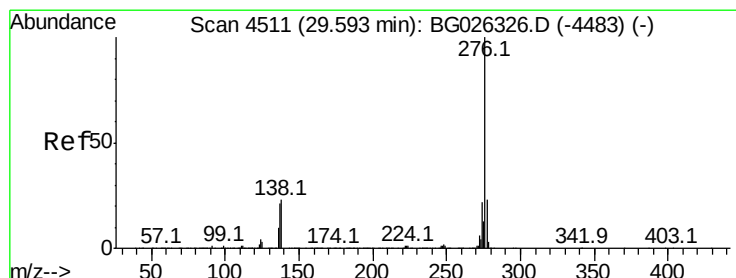
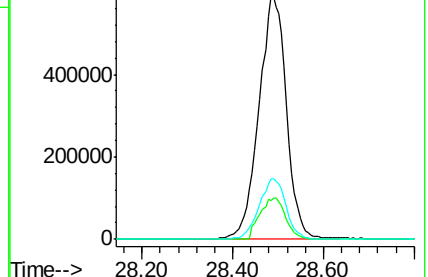
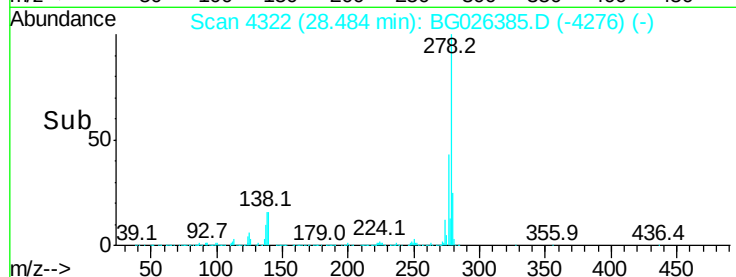
279 24.7 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 49.57 ng

RT: 29.57 min Scan# 4507

Delta R.T. -0.02 min

Lab File: BG026385.D

Acq: 22 Mar 2017 21:17

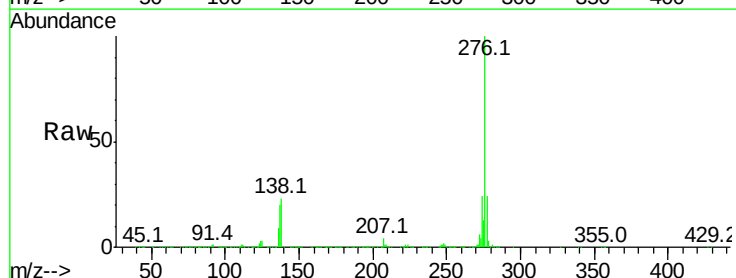
Tgt Ion:276 Resp: 2270230

Ion Ratio Lower Upper

276 100

277 24.1 18.6 27.8

138 23.0 8.1 12.1#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

