

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

Instrument :
 BNA_G
 ClientSampleId :
 JFC-SOIL-COMPMS

Manual Integrations
 APPROVED

mohammad
 3/23/2017 2:07:09 PM

Quant Time: Mar 23 04:00:05 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 17:43:27 2017
 Response via : Initial Calibration

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

System Monitoring Compounds

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

Target Compounds

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

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

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

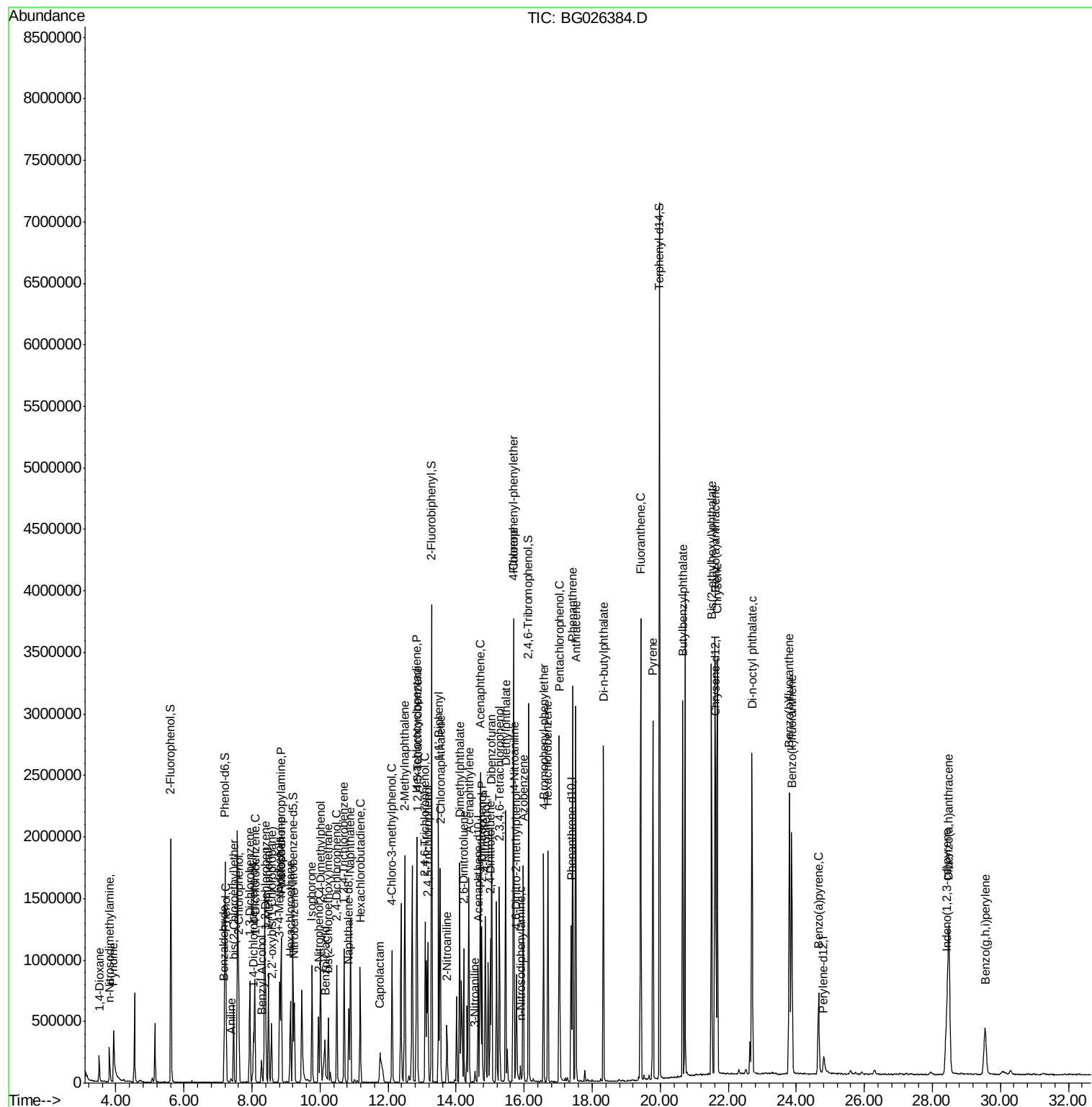
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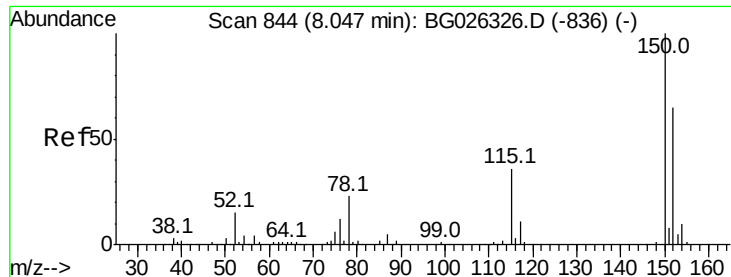
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.01 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

Instrument :

BNA_G

ClientSampleId :

JFC-SOIL-COMPMS

Tot Ion:152 Resp: 133003

Ion Ratio Lower Upper

152 100

150 160.0 114.0 171.0

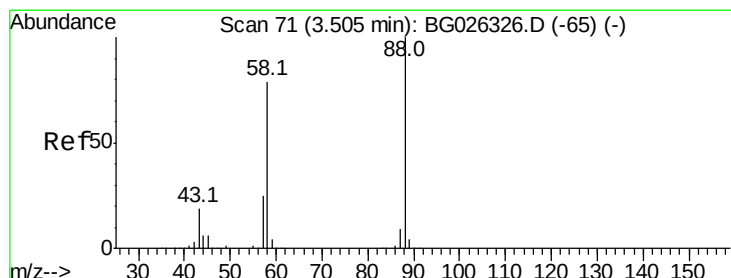
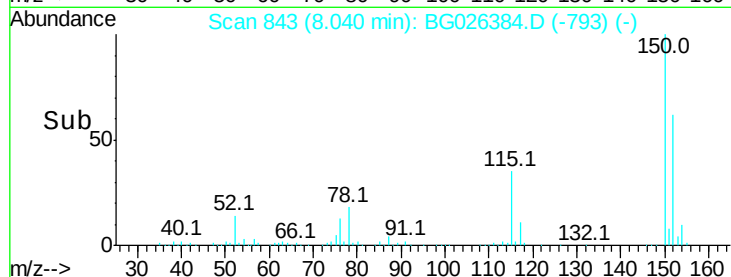
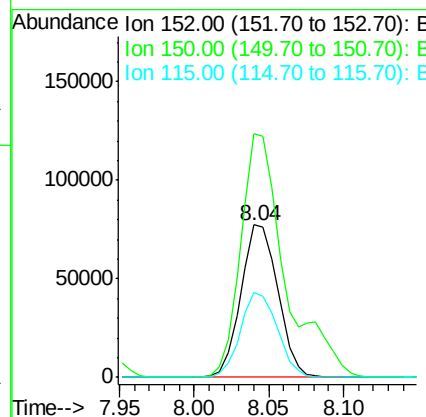
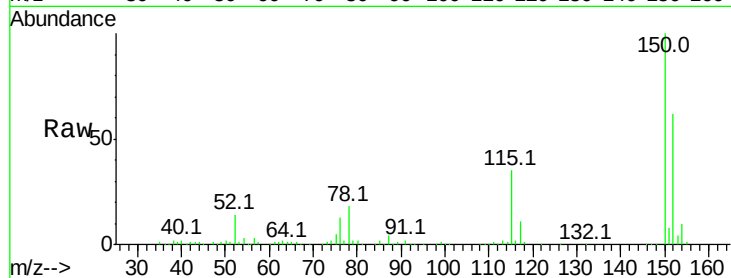
115 55.6 48.1 72.1

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#2

1,4-Dioxane

Concen: 34.72 ng

RT: 3.51 min Scan# 72

Delta R.T. 0.00 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

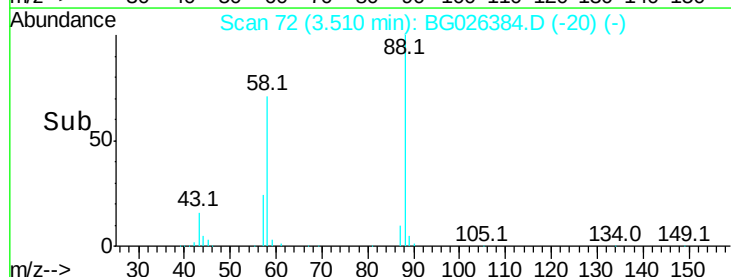
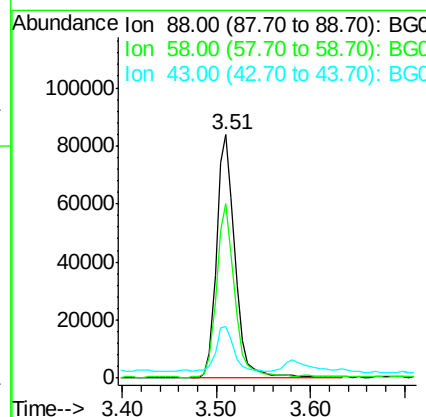
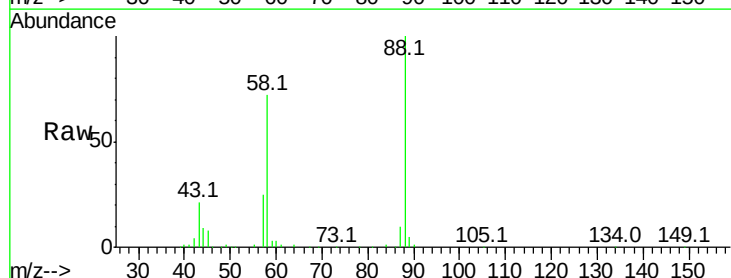
Tgt Ion: 88 Resp: 116770

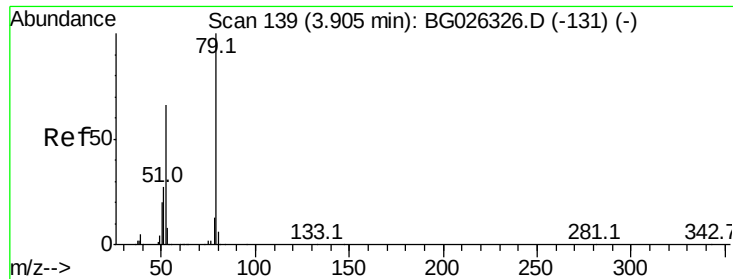
Ion Ratio Lower Upper

88 100

58 69.6 79.4 119.2#

43 17.8 33.8 50.6#





#3

Pvridine

Concen: 41.28 ng

RT: 3.94 min Scan# 145

Delta R.T. 0.03 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

Instrument :

BNA_G

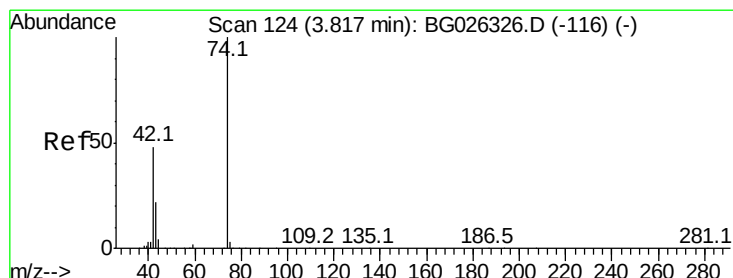
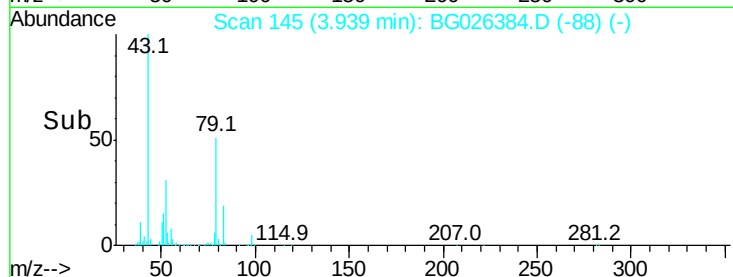
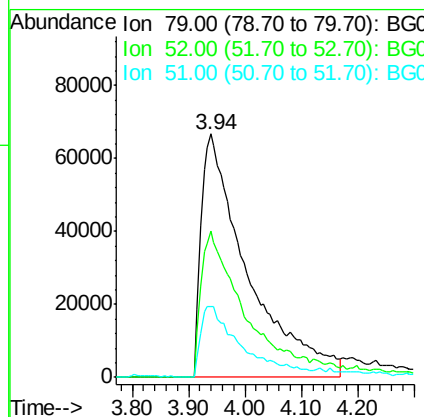
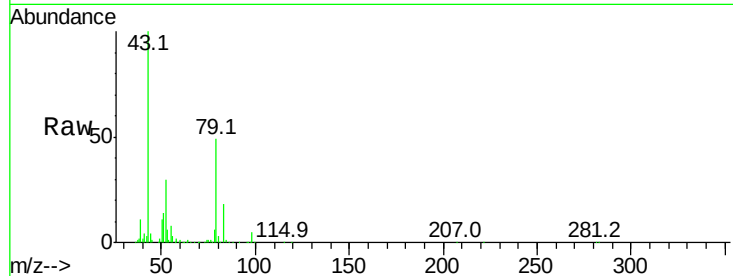
ClientSampleId :

JFC-SOIL-COMPMS

Tot Ion	Ratio	Lower	Upper
79	100		
52	60.3	77.8	116.6#
51	29.3	43.2	64.8#

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#4

n-Nitrosodimethylamine

Concen: 39.23 ng

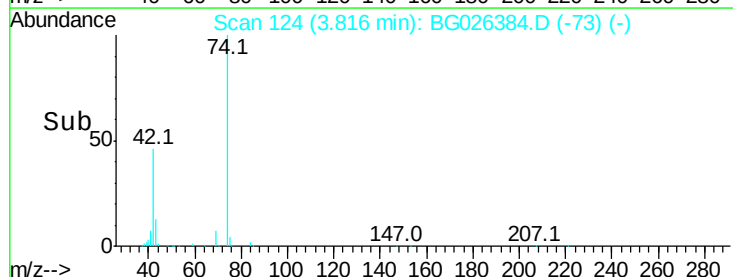
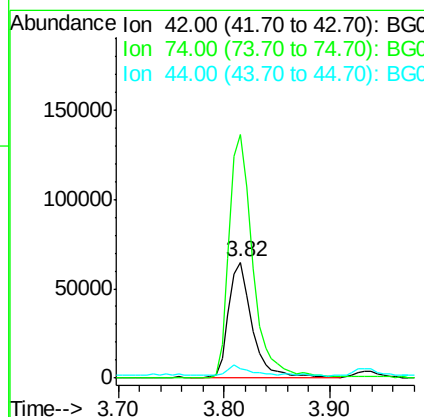
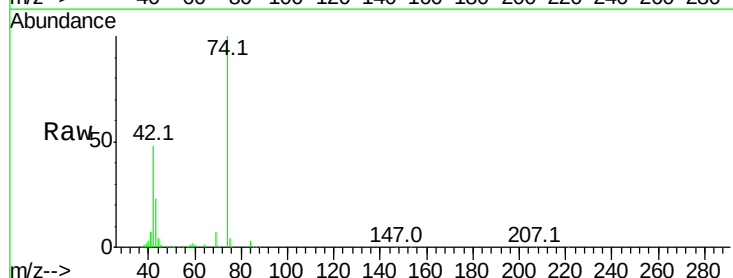
RT: 3.82 min Scan# 124

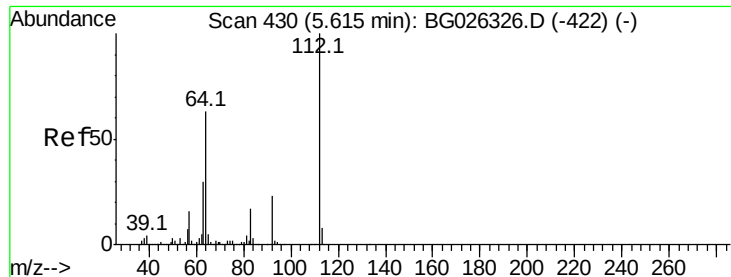
Delta R.T. -0.00 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

Tgt Ion	Ratio	Lower	Upper
42	100		
74	209.5	76.7	115.1#
44	8.6	6.1	9.1





#5

2-Fluorophenol

Concen: 139.28 ng

RT: 5.61 min Scan# 430

Delta R.T. -0.00 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

Instrument :

BNA_G

ClientSampleId :

JFC-SOIL-COMPMS

Tot Ion:112 Resp: 1043681

Ion Ratio Lower Upper

112 100

64 55.2 61.8 92.6#

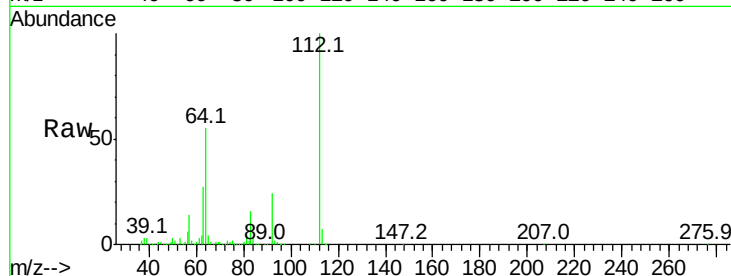
63 27.0 37.2 55.8#

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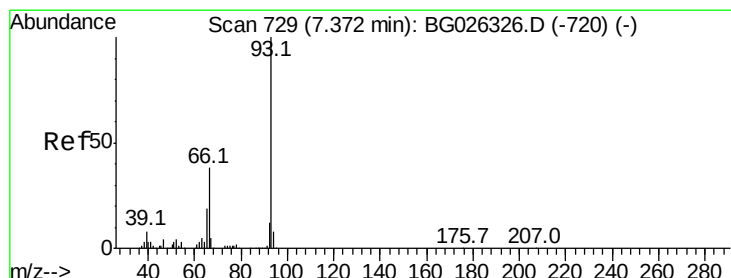
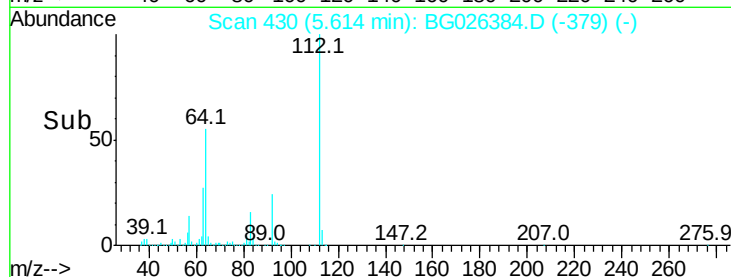
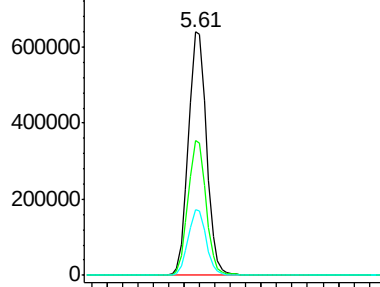
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 2.15 ng

RT: 7.38 min Scan# 731

Delta R.T. 0.01 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

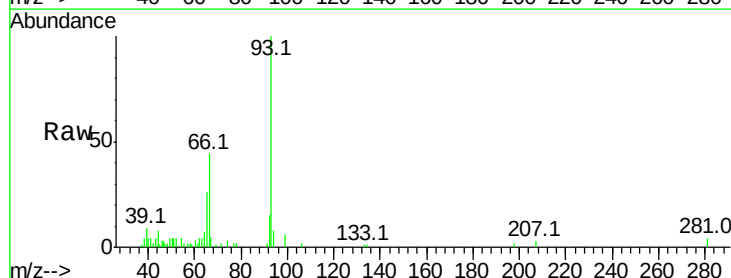
Tgt Ion: 93 Resp: 28923

Ion Ratio Lower Upper

93 100

66 43.5 35.4 53.2

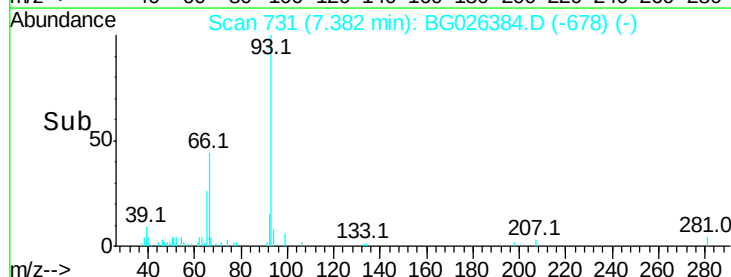
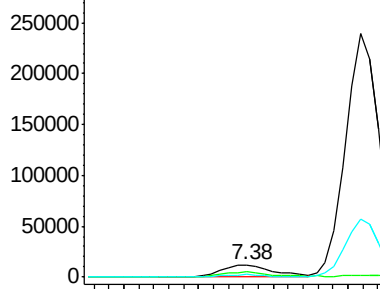
65 25.7 21.2 31.8

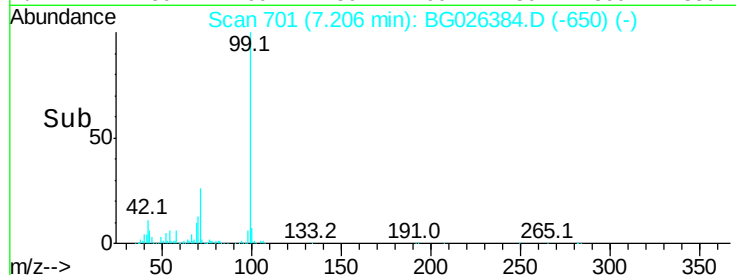
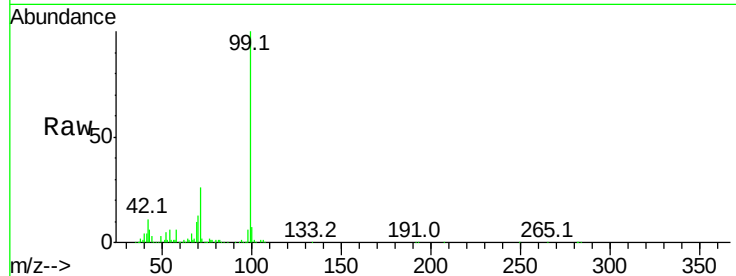
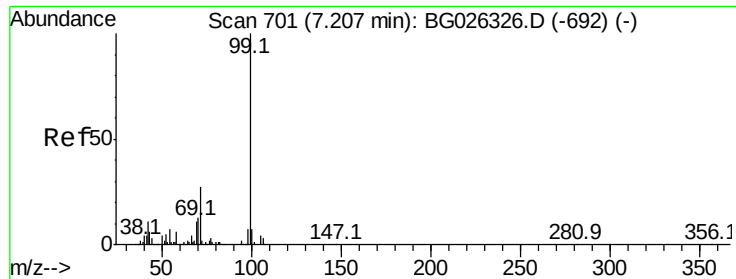


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 128.09 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

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Tot Ion:	99	Resp:	1288609
Ion	Ratio	Lower	Upper
99	100		
42	10.5	20.5	30.7#
71	26.3	37.6	56.4#

Instrument :

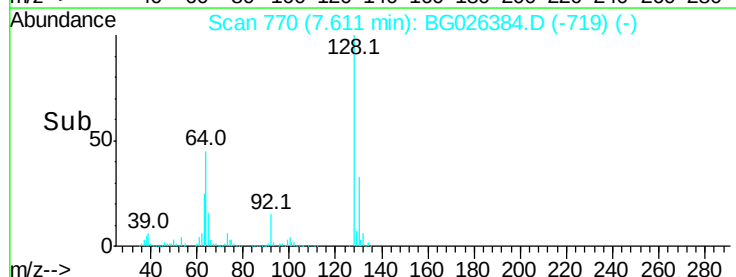
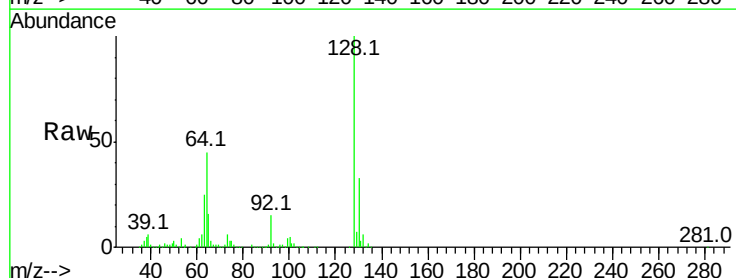
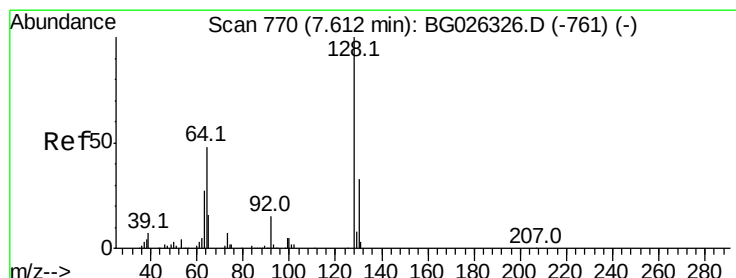
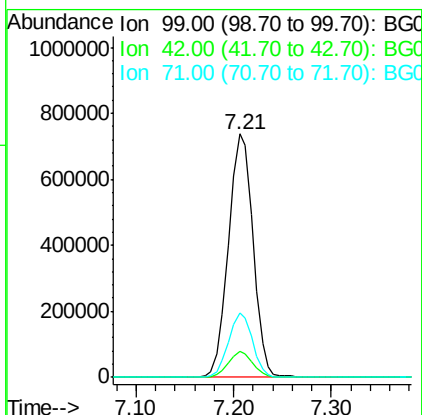
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#8

2-Chlorophenol

Concen: 48.05 ng

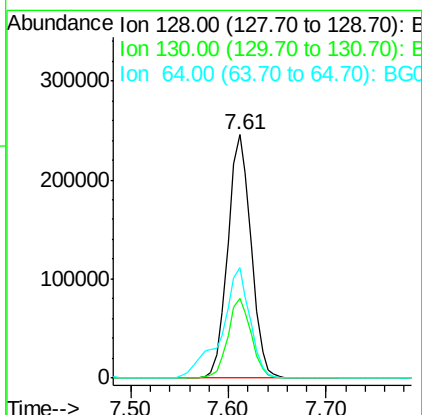
RT: 7.61 min Scan# 770

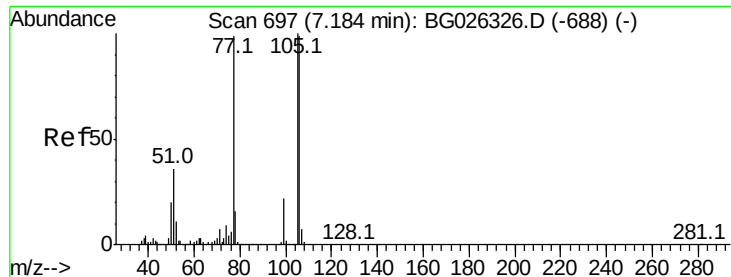
Delta R.T. -0.00 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

Tgt Ion:	128	Resp:	405438
Ion	Ratio	Lower	Upper
128	100		
130	32.8	11.4	51.4
64	45.3	46.6	86.6#





#9

Benzaldehyde

Concen: 17.49 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

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Acq: 22 Mar 2017 20:38

Instrument :

BNA_G

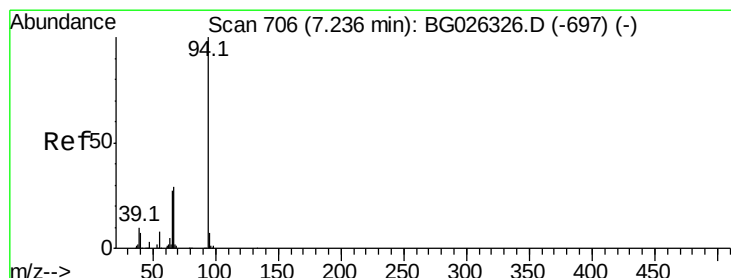
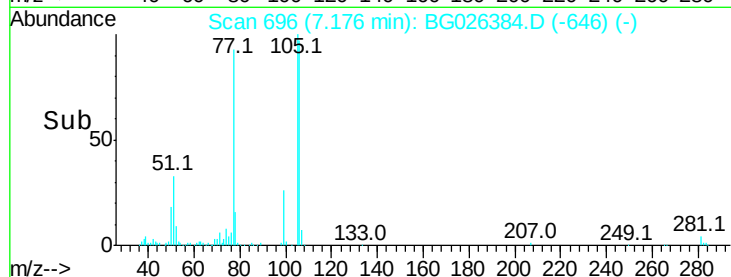
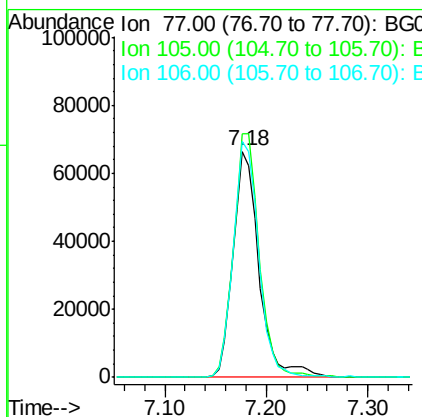
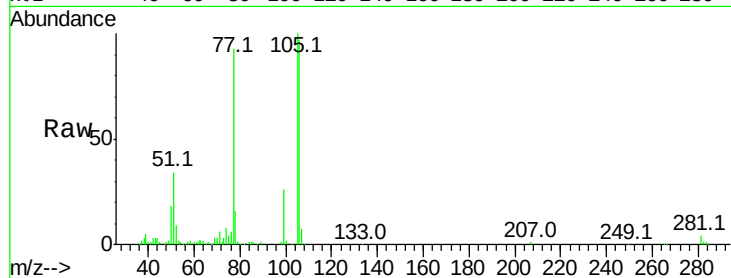
ClientSampleId :

JFC-SOIL-COMPMS

Tot Ion	Ratio	Lower	Upper
77	100		
105	107.8	60.9	100.9#
106	104.5	55.1	95.1#

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#10

Phenol

Concen: 42.05 ng

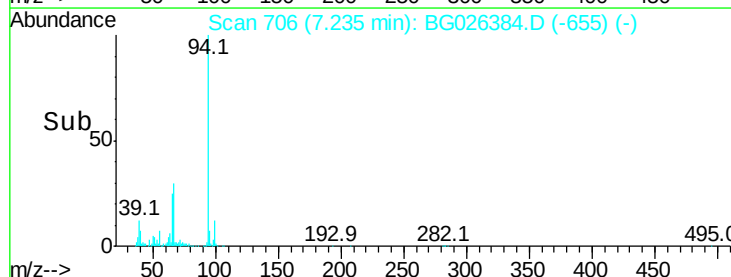
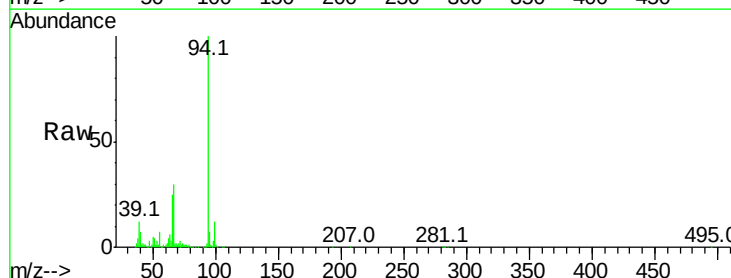
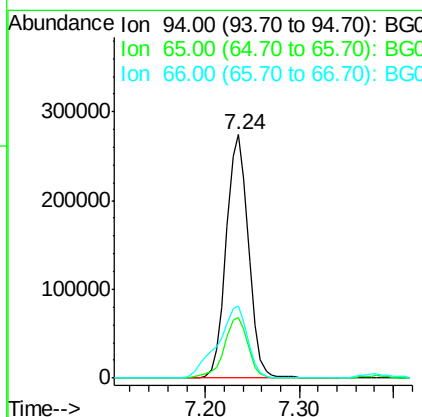
RT: 7.24 min Scan# 706

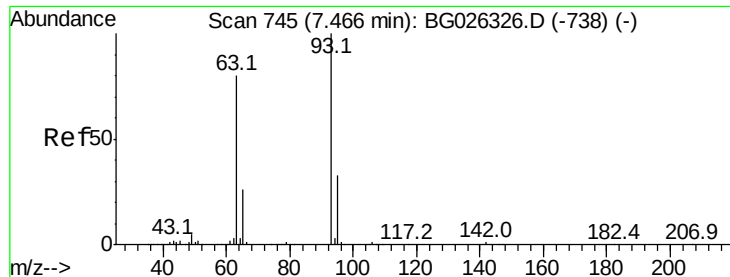
Delta R.T. -0.00 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

Tgt Ion	Ratio	Lower	Upper
94	100		
65	25.0	20.6	60.6
66	29.7	35.5	75.5#





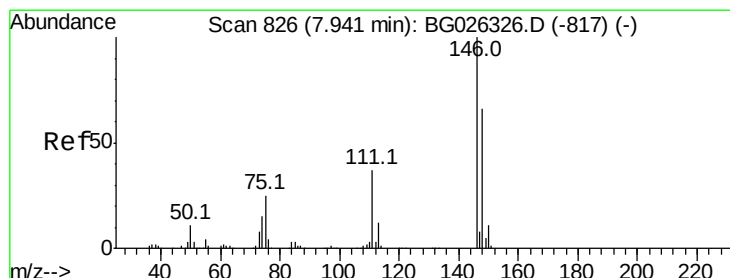
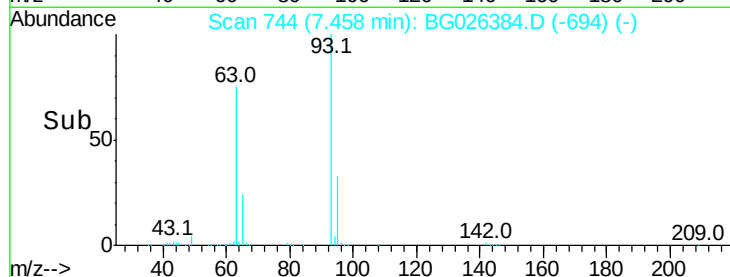
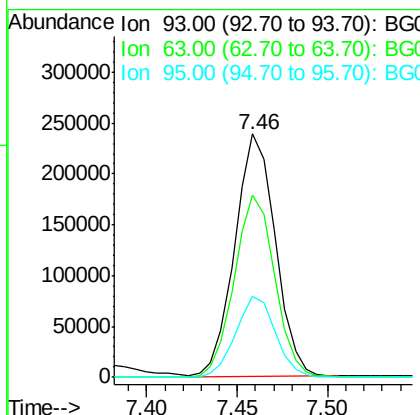
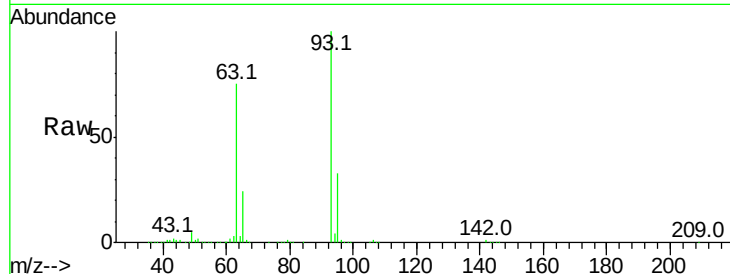
#11
bis(2-Chloroethyl)ether
Concen: 41.83 ng
RT: 7.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMS

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

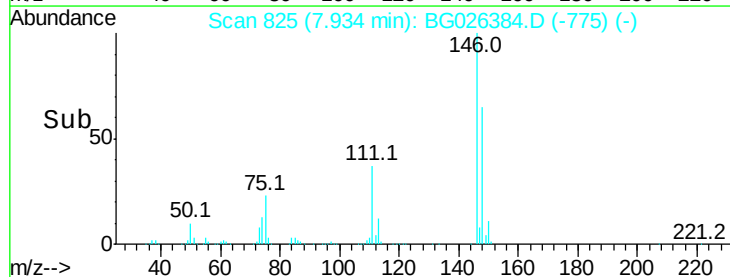
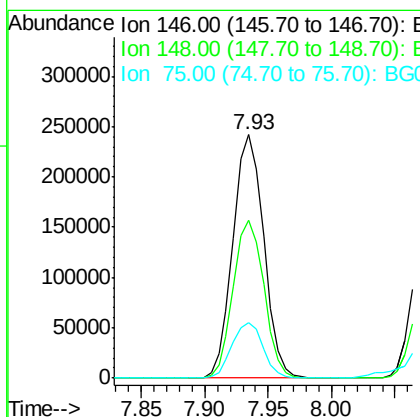
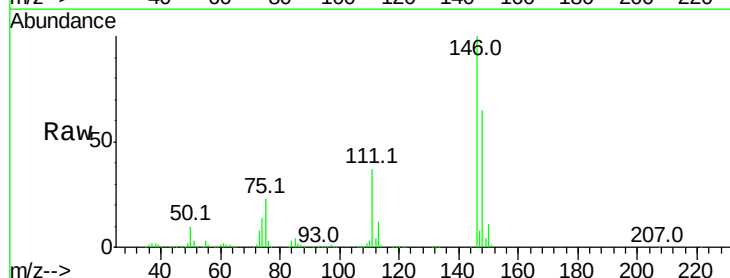
Manual Integrations
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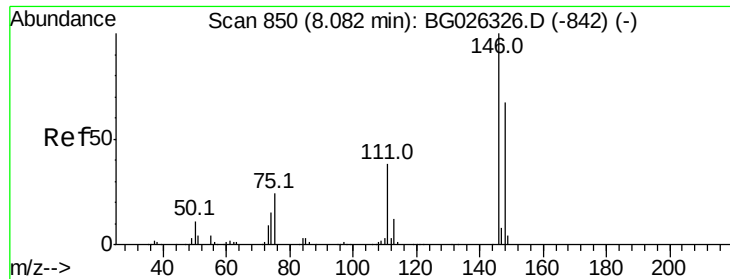
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.64 ng
RT: 7.93 min Scan# 825
Delta R.T. -0.01 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

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





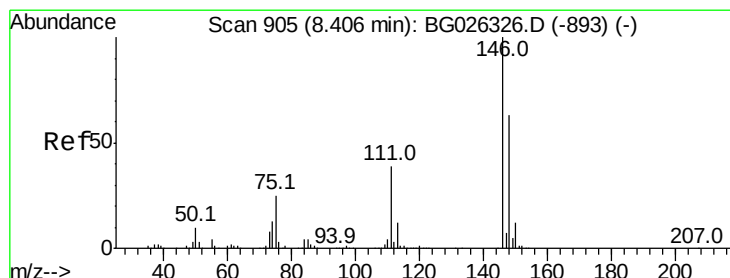
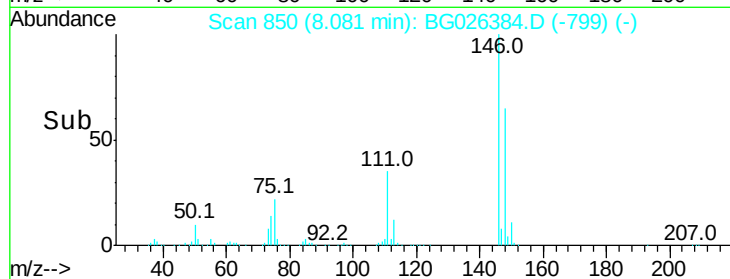
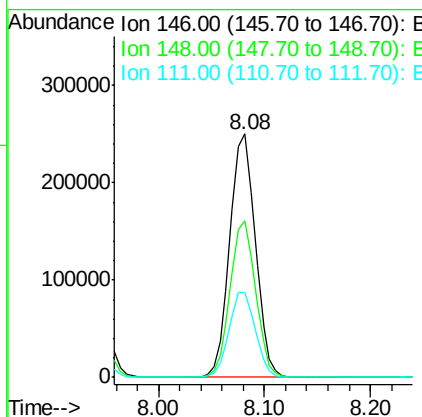
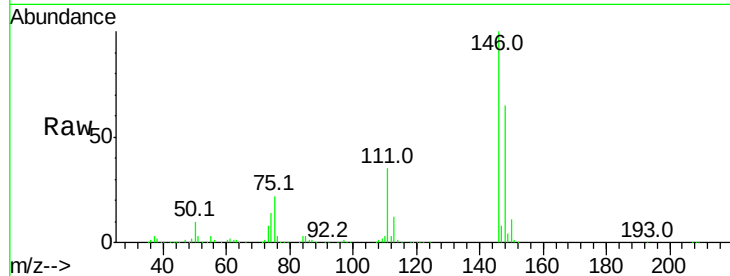
#13
 1,4-Dichlorobenzene
 Concen: 41.21 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.00 min
 Lab File: BG026384.D
 Acq: 22 Mar 2017 20:38

Instrument :
 BNA_G
 ClientSampleId :
 JFC-SOIL-COMPMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.2	78.2
111	34.7	37.0	55.6

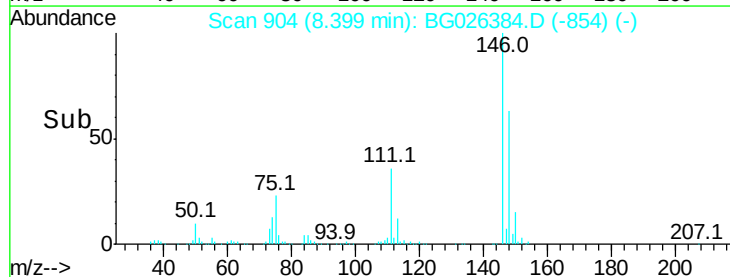
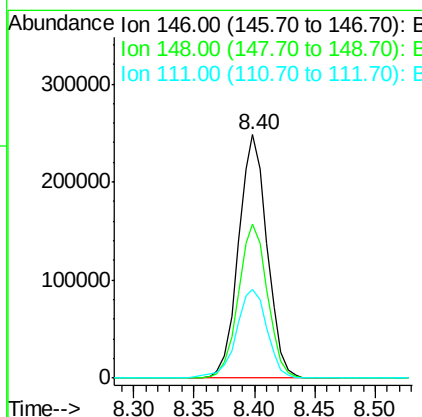
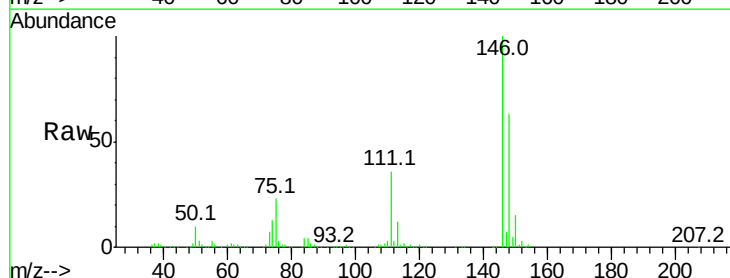
Manual Integrations
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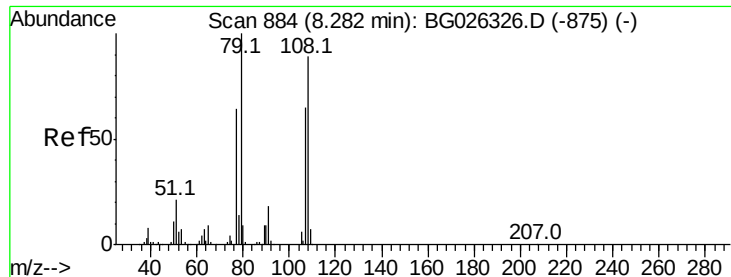
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 41.99 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BG026384.D
 Acq: 22 Mar 2017 20:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	54.6	81.8
111	36.4	39.7	59.5





#15

Benzyl Alcohol

Concen: 10.69 ng

RT: 8.28 min Scan# 884

Delta R.T. -0.00 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

Instrument :

BNA_G

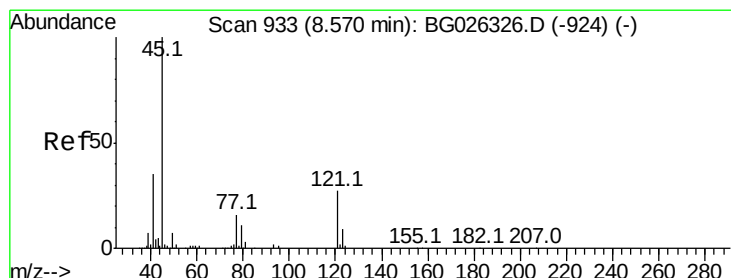
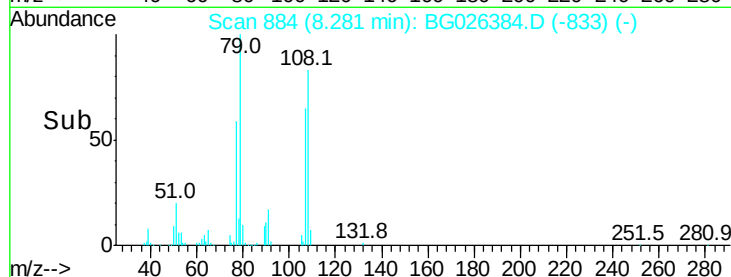
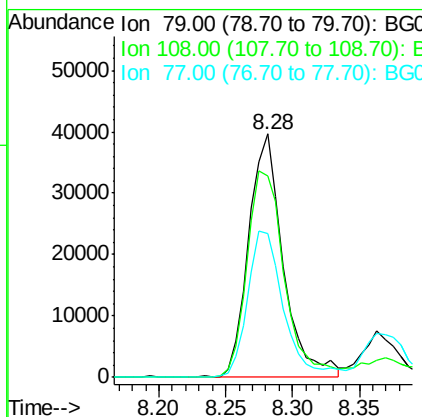
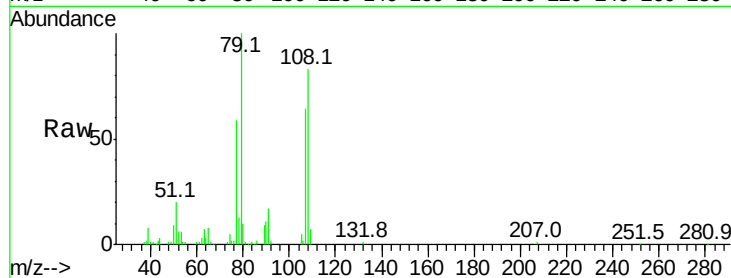
ClientSampleId :

JFC-SOIL-COMPMS

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.8	45.5	68.3#
77	59.3	54.3	81.5

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.45 ng

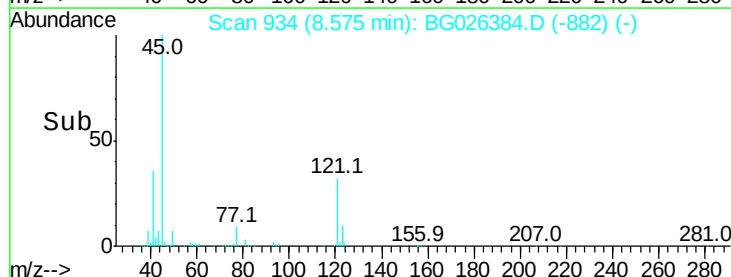
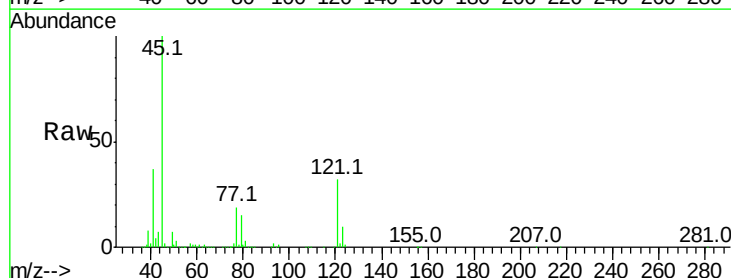
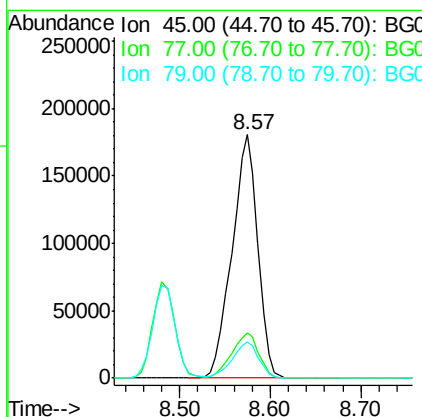
RT: 8.57 min Scan# 934

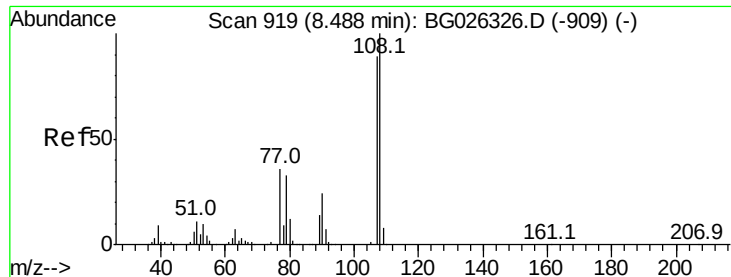
Delta R.T. 0.00 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.5	0.0	30.6
79	15.1	0.0	28.5





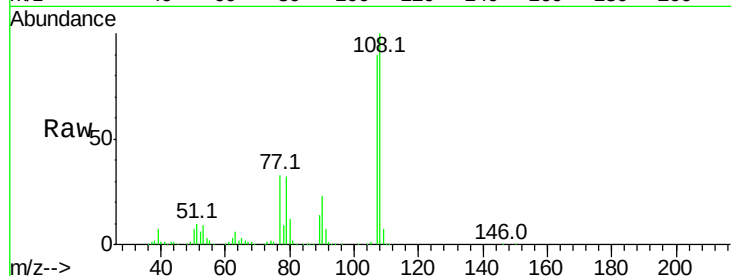
#17
2-Methylphenol
Concen: 43.24 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.01 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMS

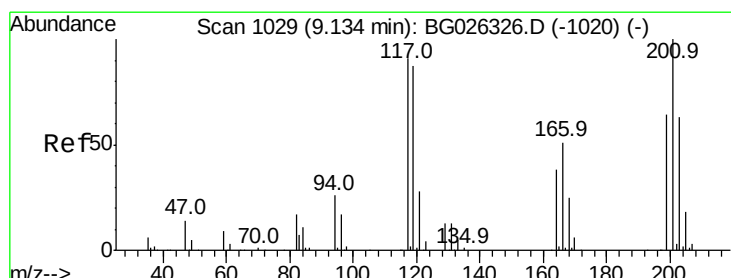
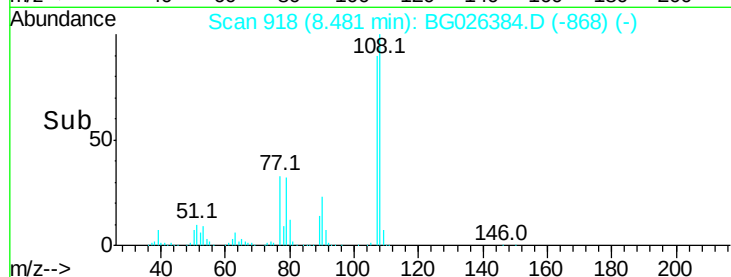
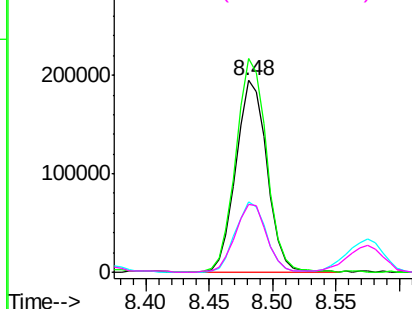
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.5	85.6	128.4	
77	36.6	51.4	77.2#	
79	35.4	49.2	73.8#	

Manual Integrations
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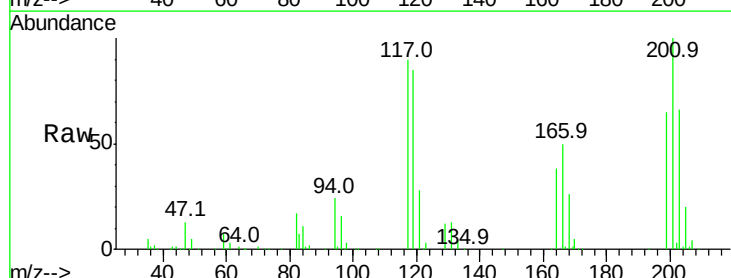


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

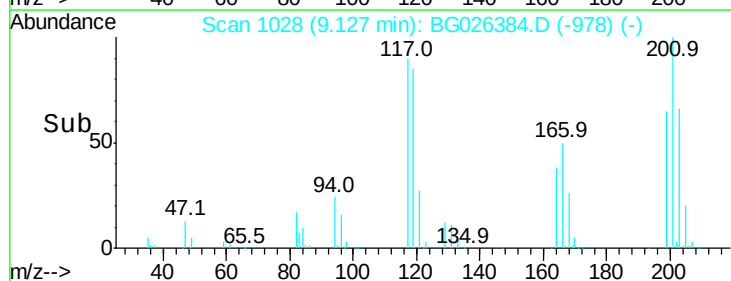
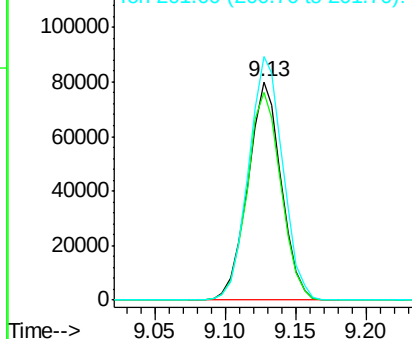


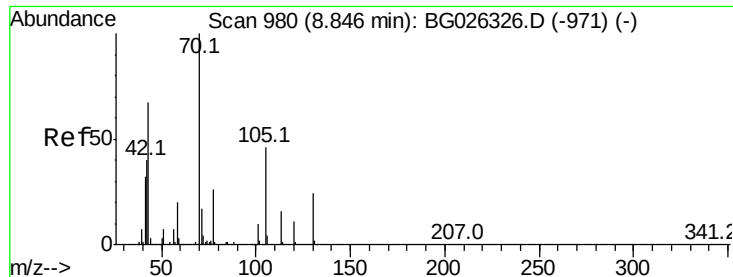
#18
Hexachloroethane
Concen: 39.84 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.8	69.8	104.6	
201	111.4	95.4	143.0	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 44.08 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.00 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

Instrument :

BNA_G

ClientSampleId :

JFC-SOIL-COMPMS

Tot Ion: 70 Resp: 285063

Ion Ratio Lower Upper

70 100

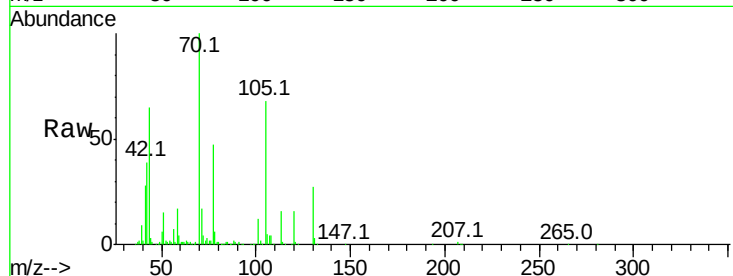
42 38.9 56.1 84.1#

101 12.2 7.5 11.3#

130 26.6 14.6 21.8#

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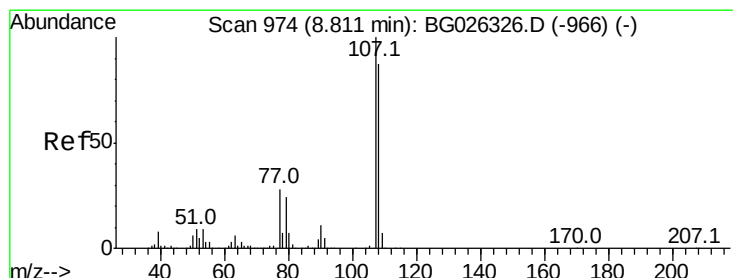
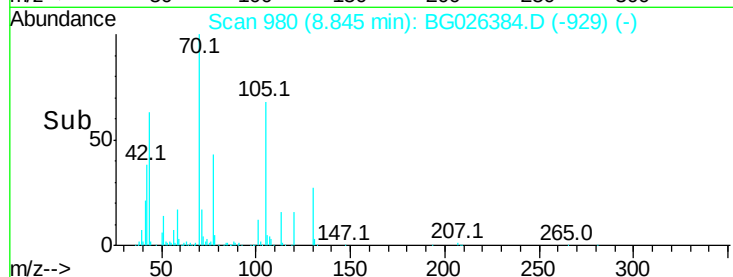
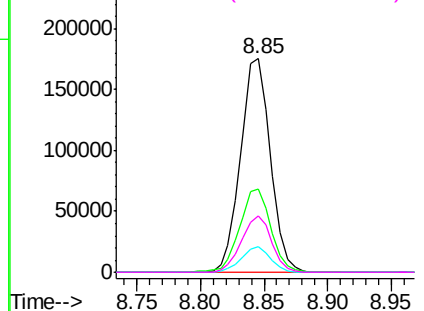
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 42.88 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.00 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

Tgt Ion: 107 Resp: 450086

Ion Ratio Lower Upper

107 100

108 87.9 70.8 110.8

77 25.8 25.8 65.8#

79 23.2 20.1 60.1

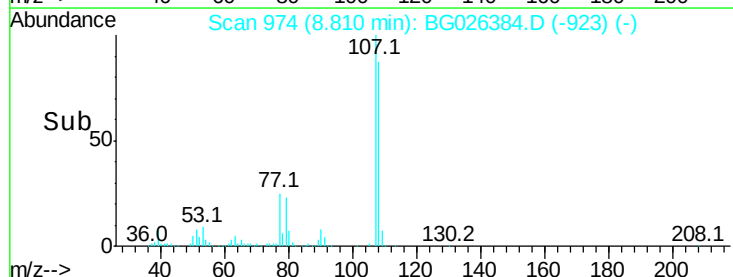
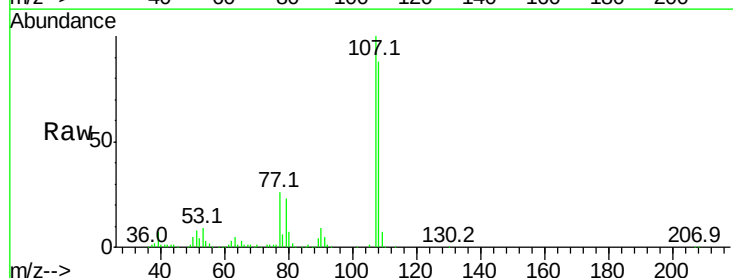
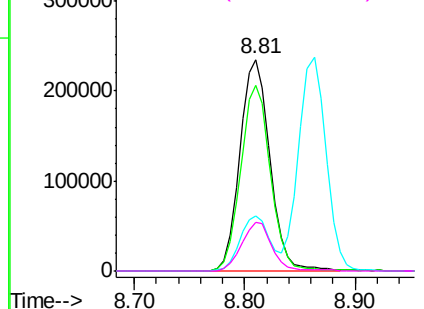
Abundance

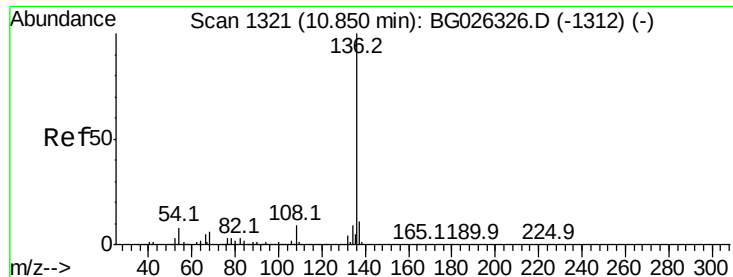
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





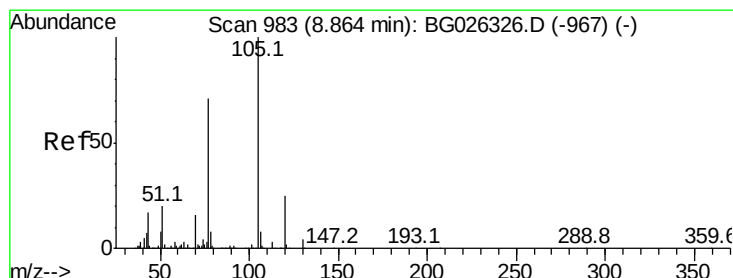
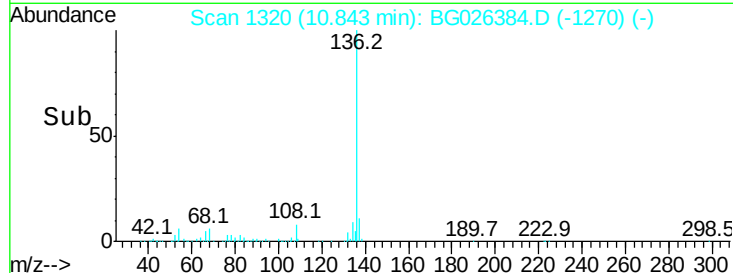
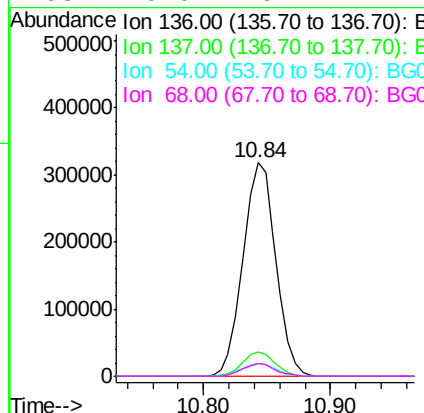
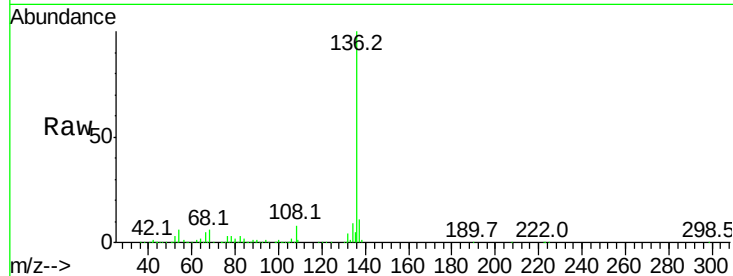
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMS

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

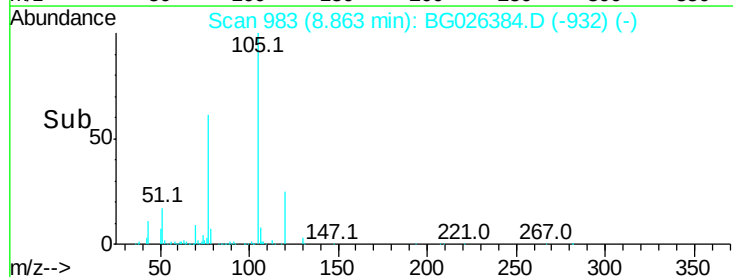
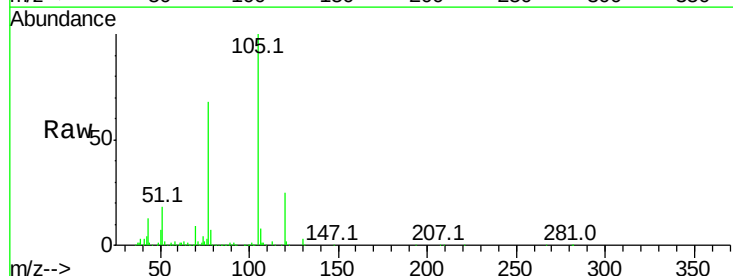
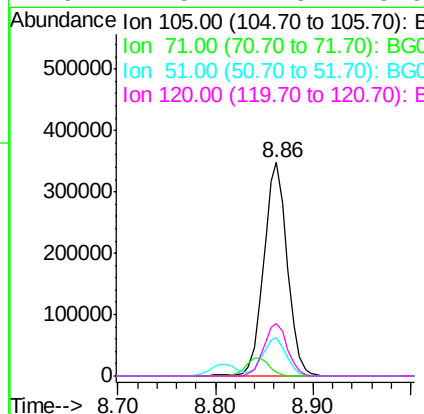
Manual Integrations
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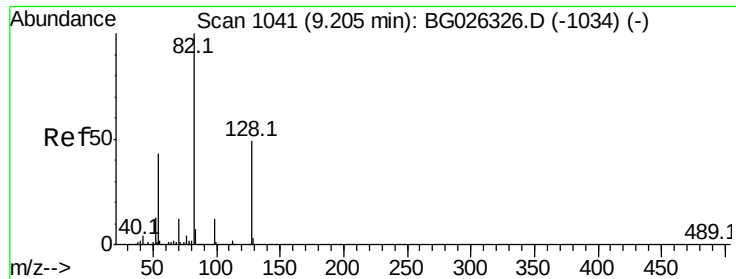
mohammad
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#22
Acetophenone
Concen: 44.95 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

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





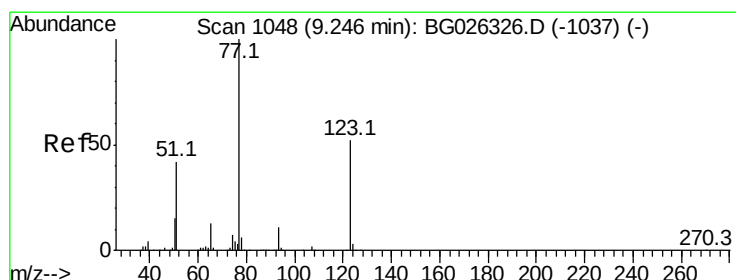
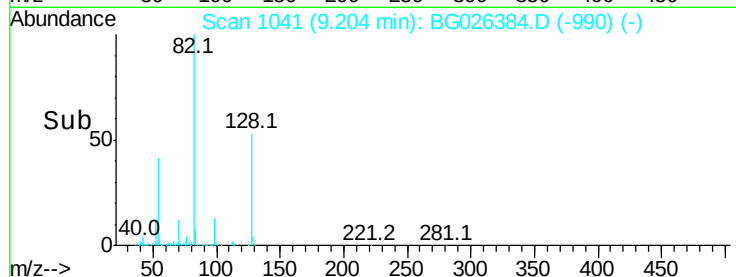
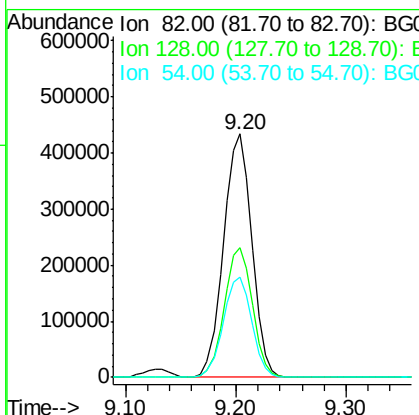
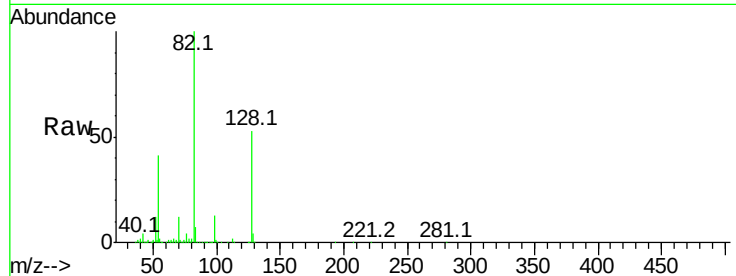
#23
 Nitrobenzene-d5
 Concen: 82.20 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BG026384.D
 Acq: 22 Mar 2017 20:38

Instrument :
 BNA_G
 ClientSampleId :
 JFC-SOIL-COMPMS

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

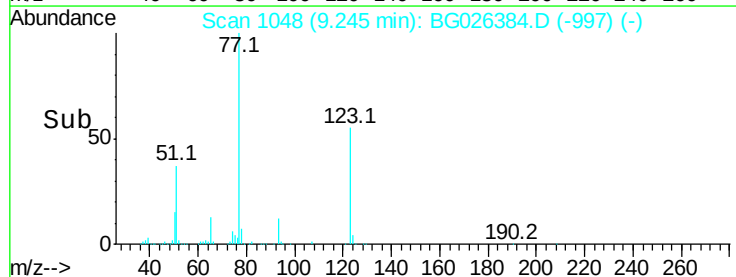
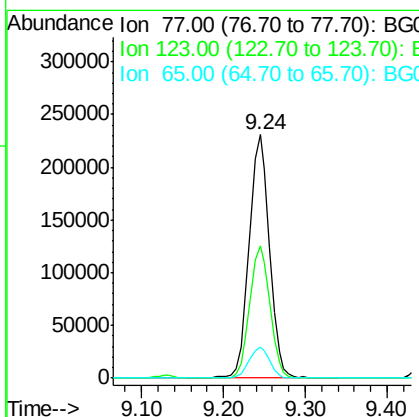
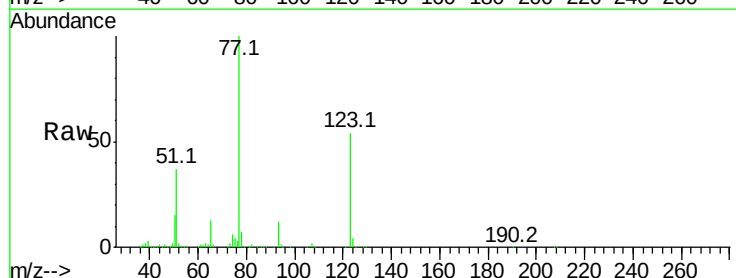
Manual Integrations
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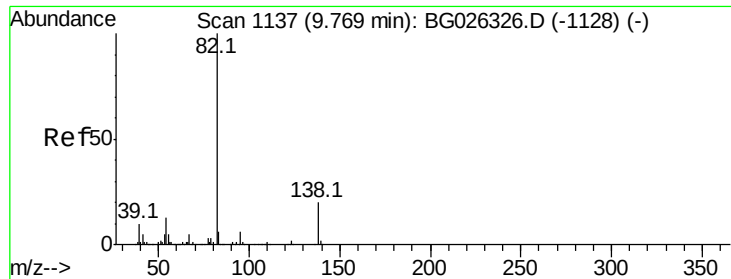
mohammad
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#24
 Nitrobenzene
 Concen: 42.67 ng
 RT: 9.24 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BG026384.D
 Acq: 22 Mar 2017 20:38

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





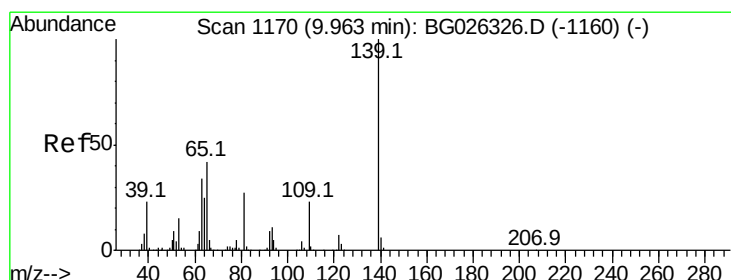
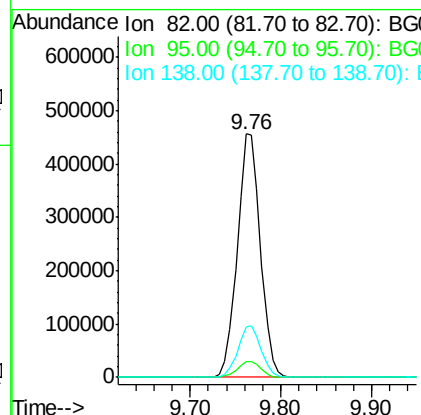
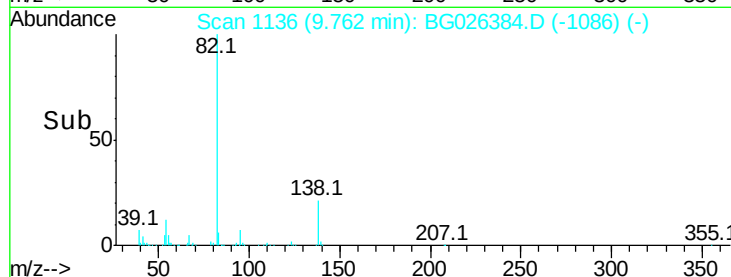
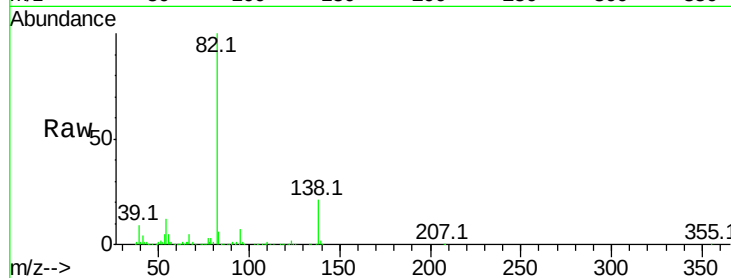
#25
Isophorone
Concen: 45.22 ng
RT: 9.76 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.7	7.5	11.3#	
138	20.5	12.3	18.5#	

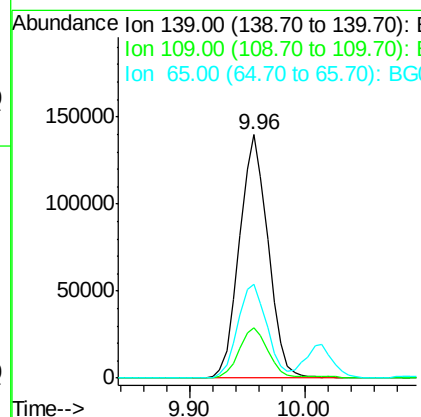
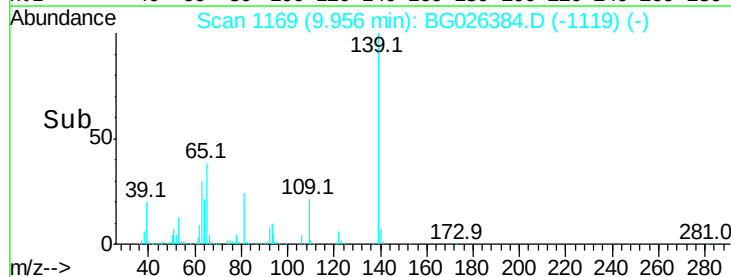
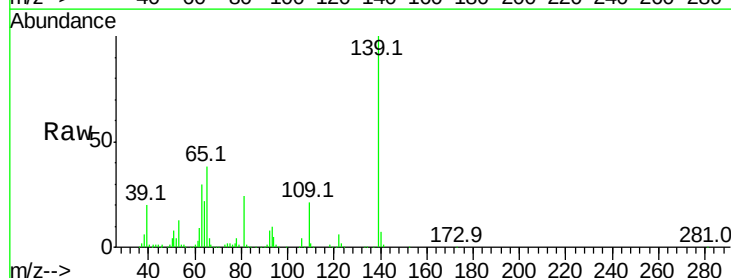
Manual Integrations
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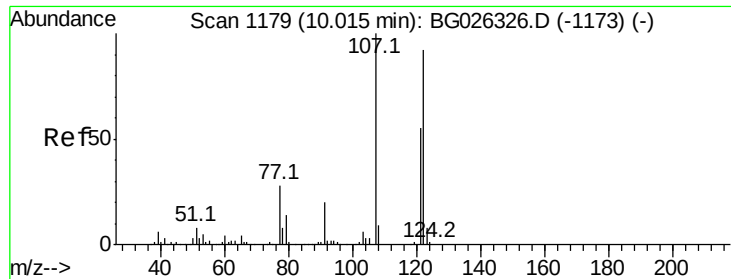
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#26
2-Nitrophenol
Concen: 49.43 ng
RT: 9.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	20.8	38.6	58.0#	
65	38.4	57.1	85.7#	





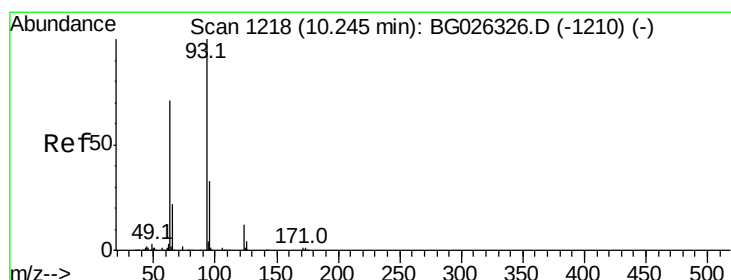
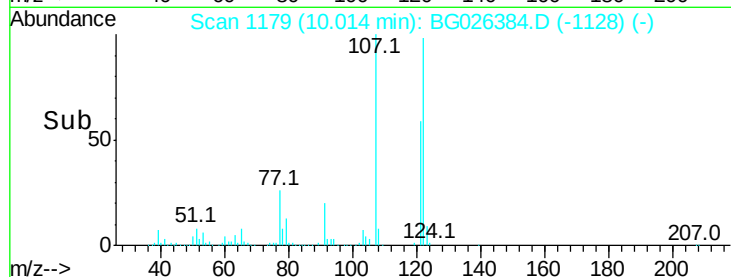
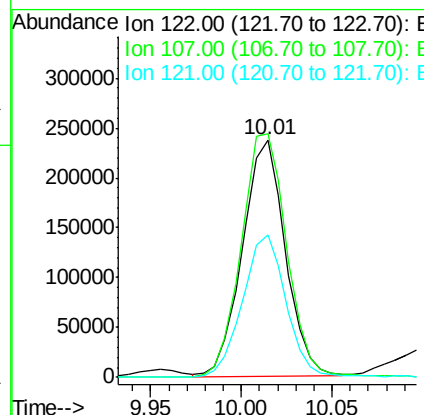
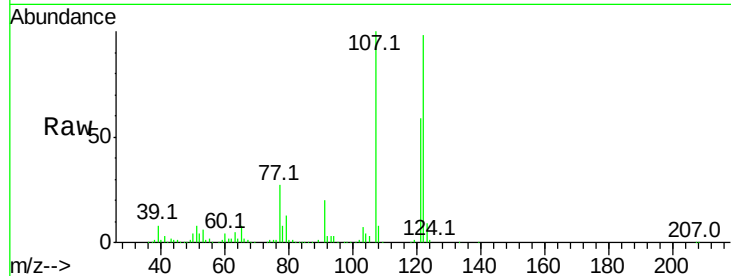
#27
2,4-Dimethylphenol
Concen: 48.95 ng
RT: 10.01 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMS

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

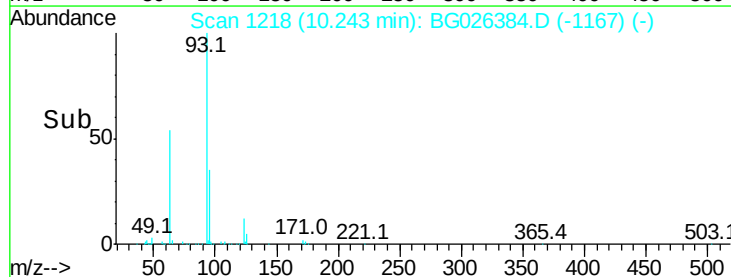
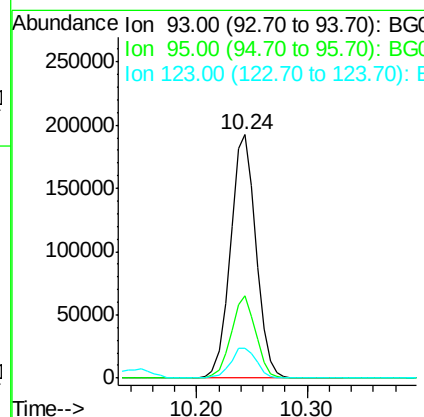
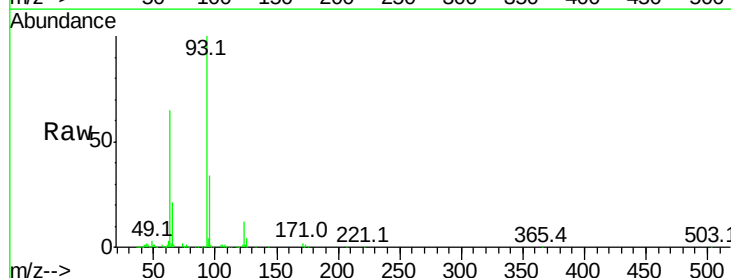
Manual Integrations
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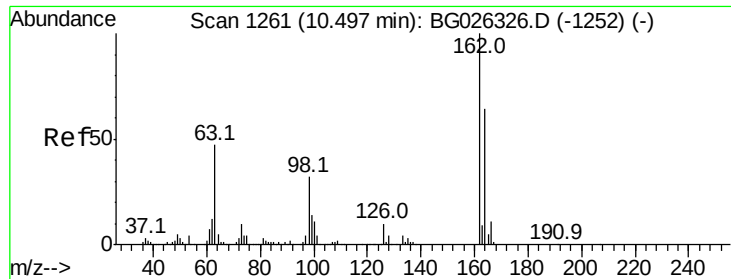
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 26.87 ng
RT: 10.24 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

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





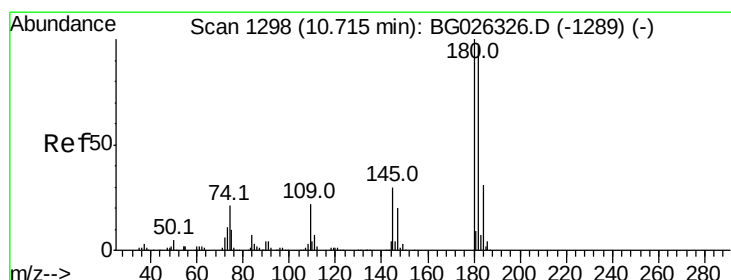
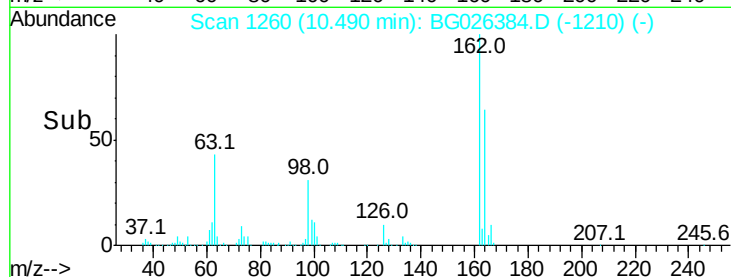
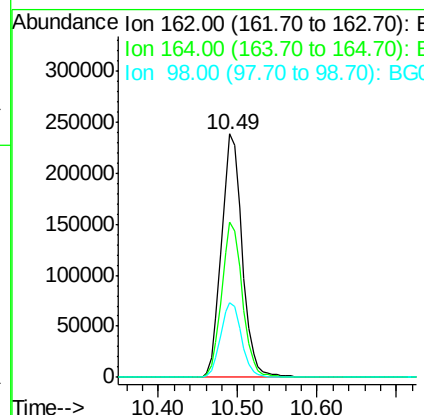
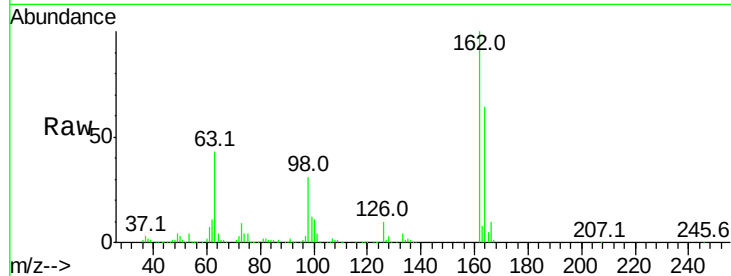
#29
 2,4-Dichlorophenol
 Concen: 53.58 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BG026384.D
 Acq: 22 Mar 2017 20:38

Instrument :
 BNA_G
 ClientSampleId :
 JFC-SOIL-COMPMS

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

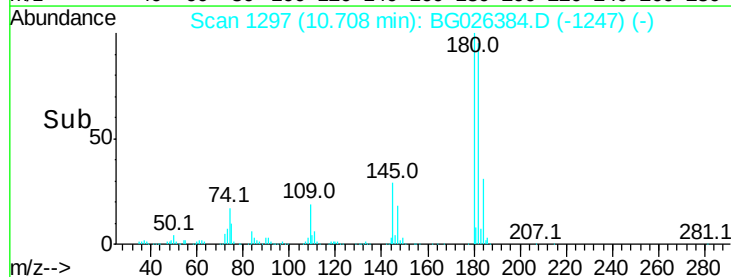
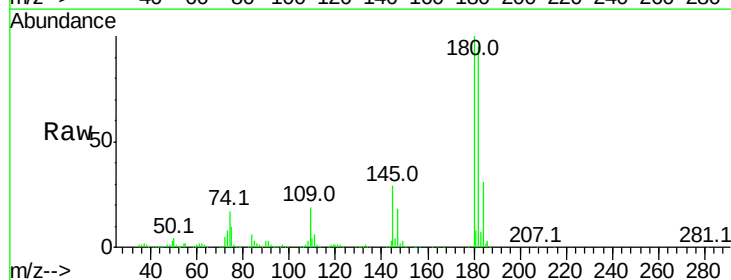
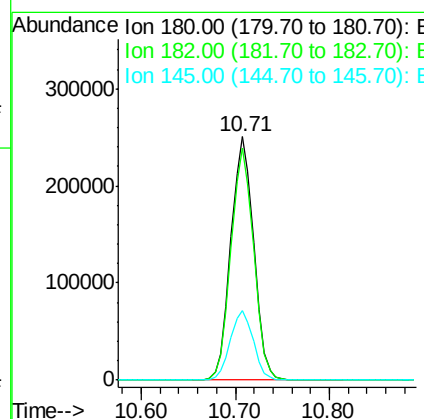
Manual Integrations
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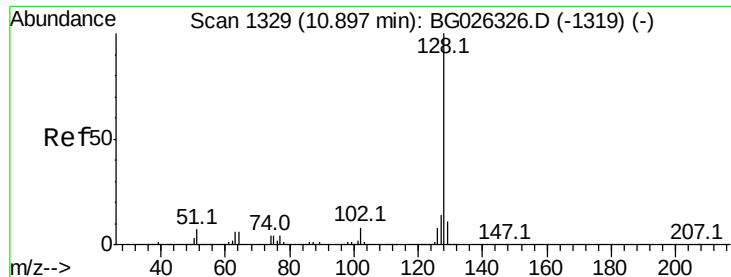
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 46.58 ng
 RT: 10.71 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BG026384.D
 Acq: 22 Mar 2017 20:38

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





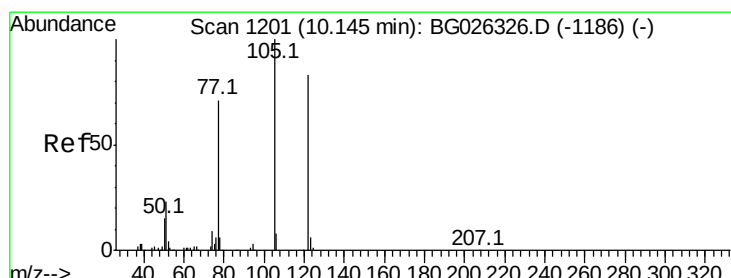
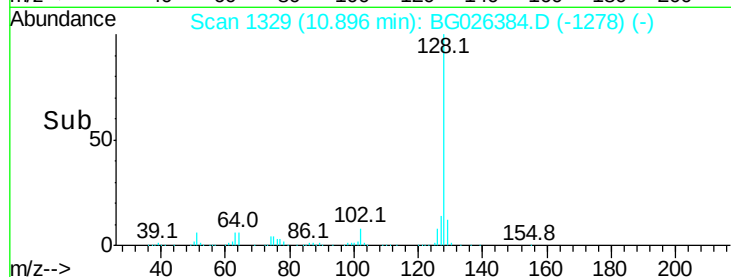
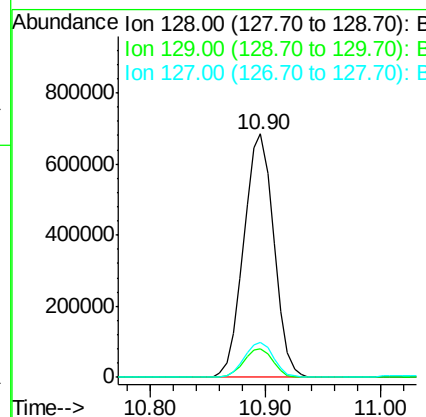
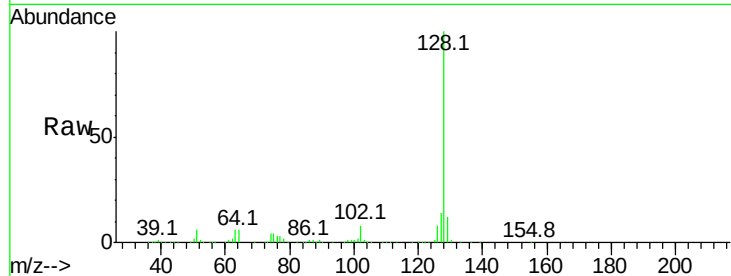
#31
Naphthalene
Concen: 43.03 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMS

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

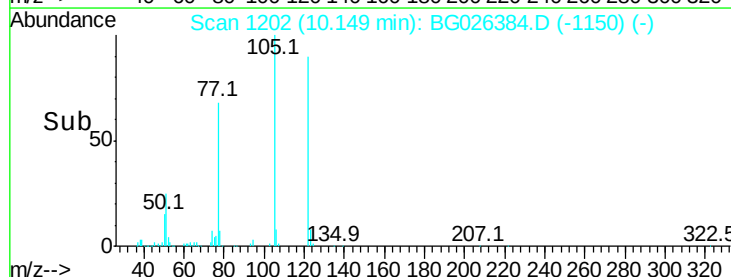
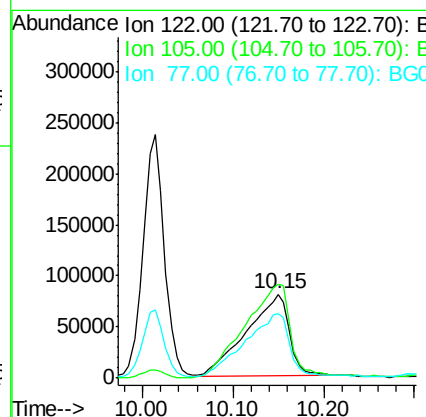
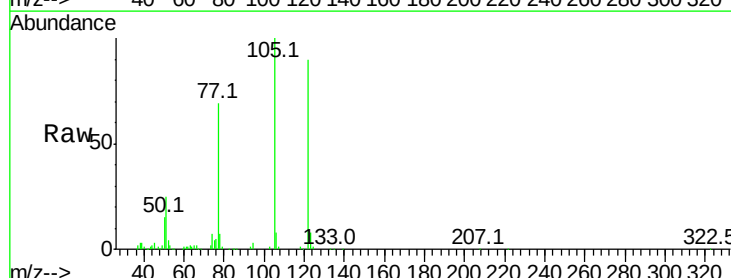
Manual Integrations
APPROVED

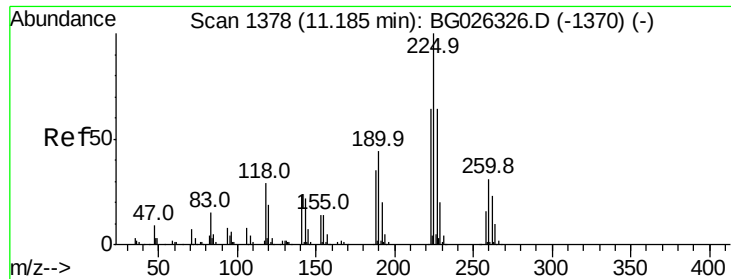
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#32
Benzoic acid
Concen: 43.27 ng
RT: 10.15 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

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





#34

Hexachlorobutadiene

Concen: 43.92 ng

RT: 11.18 min Scan# 1378

Delta R.T. -0.00 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

Instrument :

BNA_G

ClientSampleId :

JFC-SOIL-COMPMS

Tot Ion:225 Resp: 235149

Ion Ratio Lower Upper

225 100

223 61.6 50.7 76.1

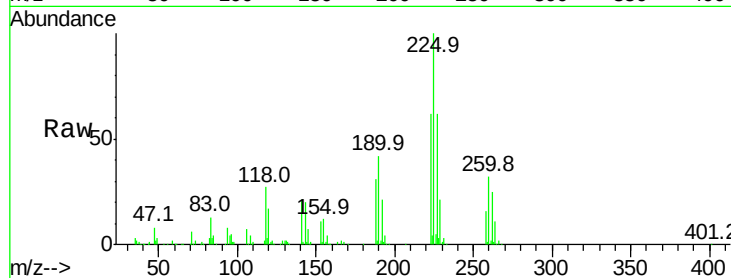
227 62.4 49.0 73.6

Manual Integrations

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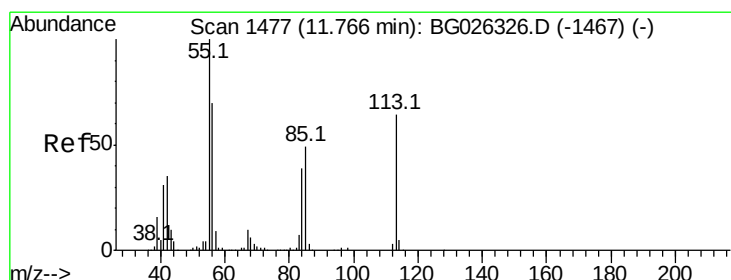
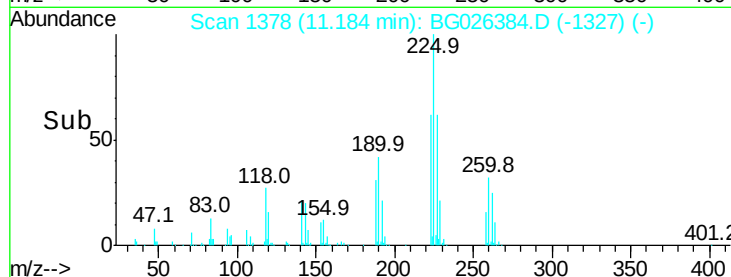
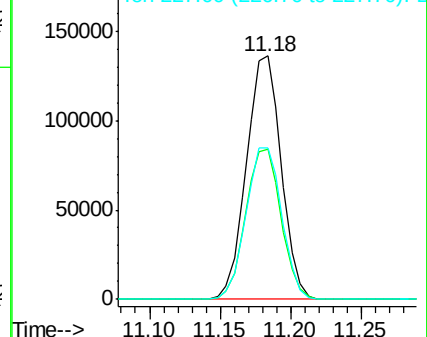
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Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 50.21 ng

RT: 11.77 min Scan# 1477

Delta R.T. -0.00 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

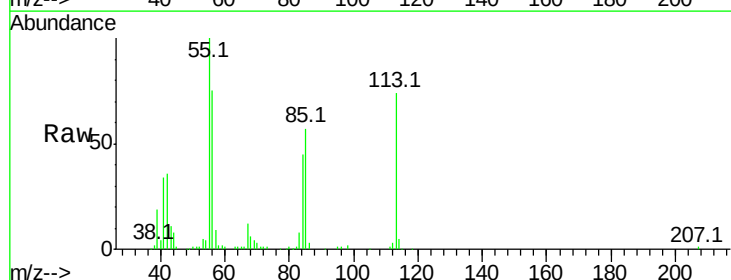
Tgt Ion:113 Resp: 159826

Ion Ratio Lower Upper

113 100

55 134.7 198.6 238.6#

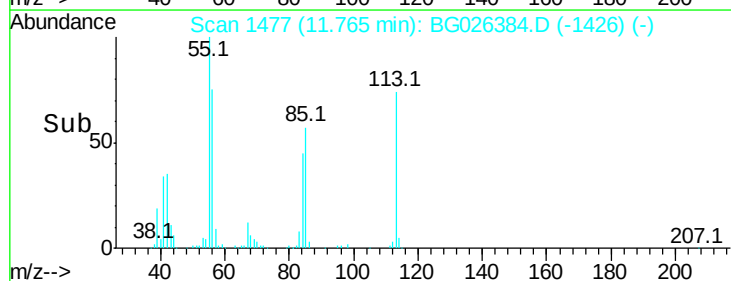
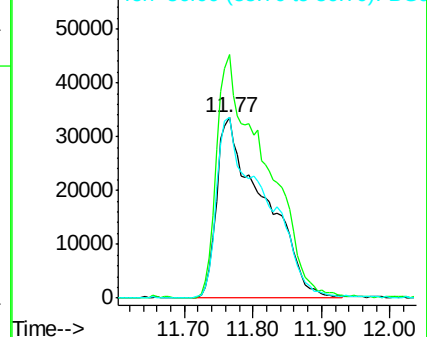
56 100.4 140.4 180.4#

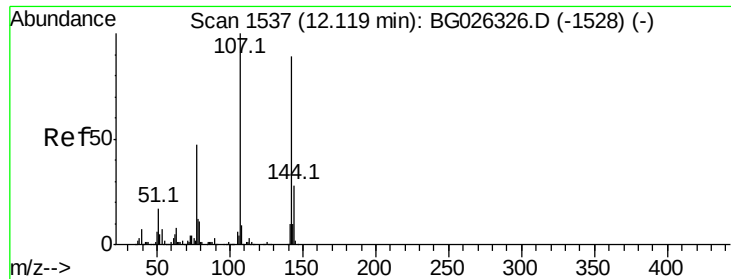


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0





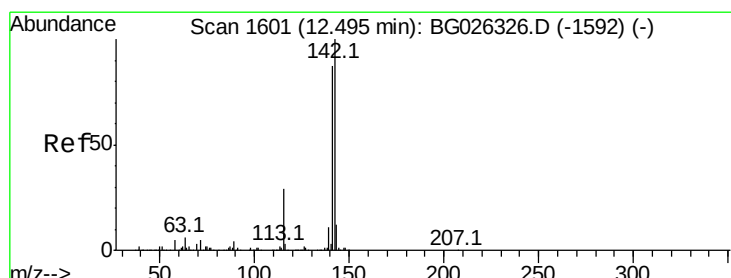
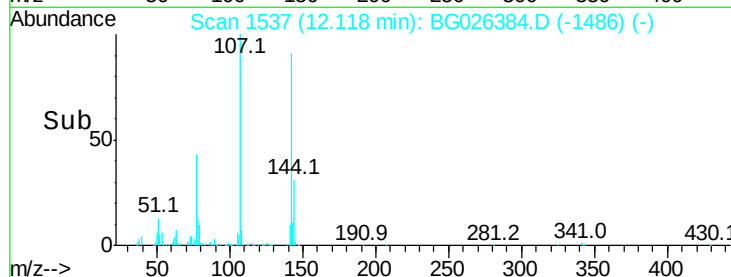
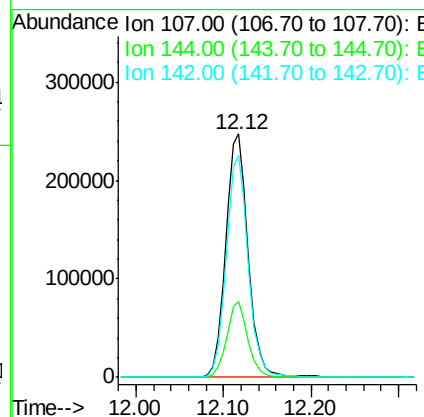
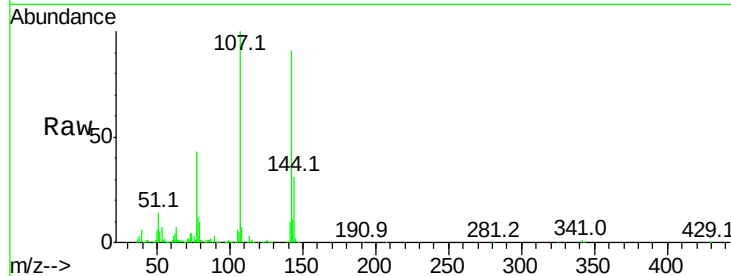
#36
4-Chloro-3-methylphenol
Concen: 50.33 ng
RT: 12.12 min Scan# 1537
Delta R.T. -0.00 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMS

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

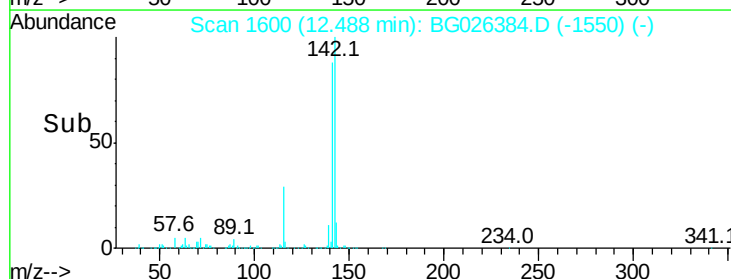
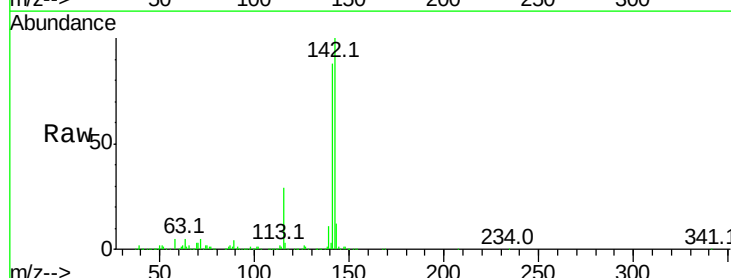
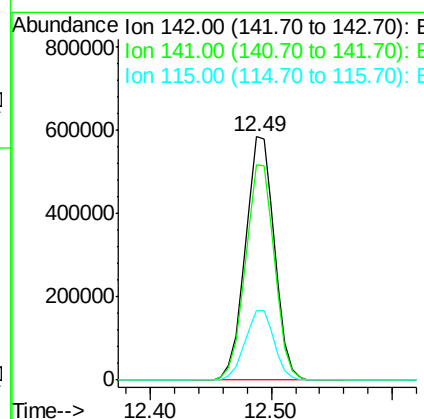
Manual Integrations
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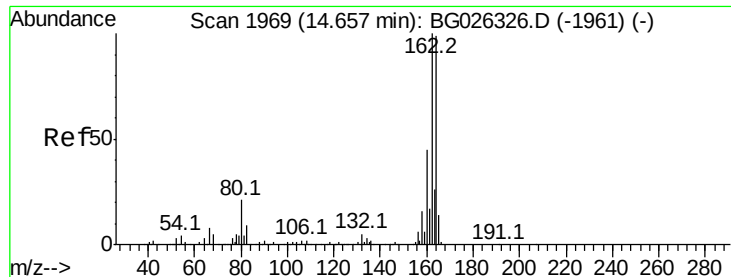
mohammad
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#37
2-Methylnaphthalene
Concen: 46.69 ng
RT: 12.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.01 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

Instrument :

BNA_G

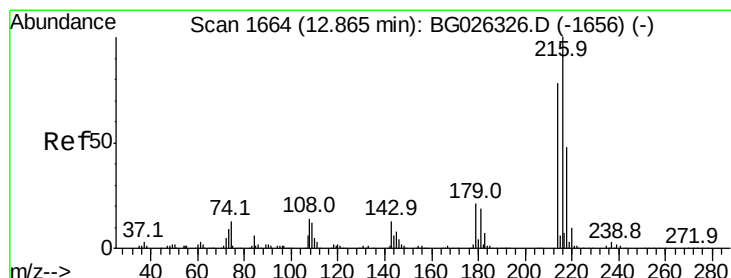
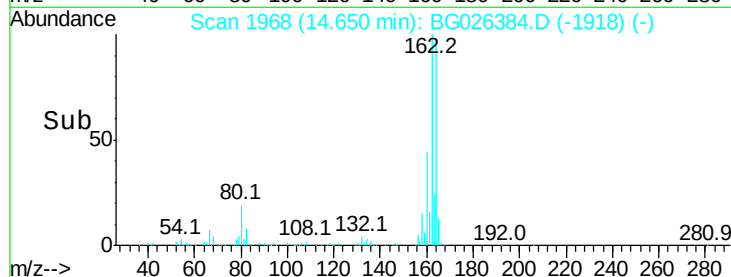
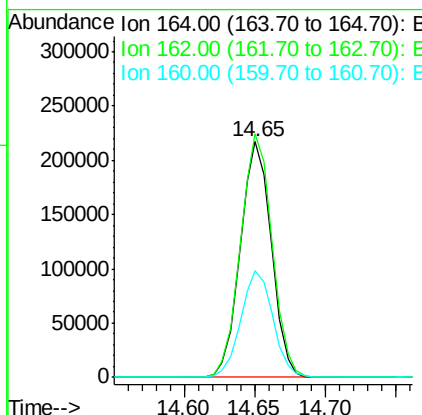
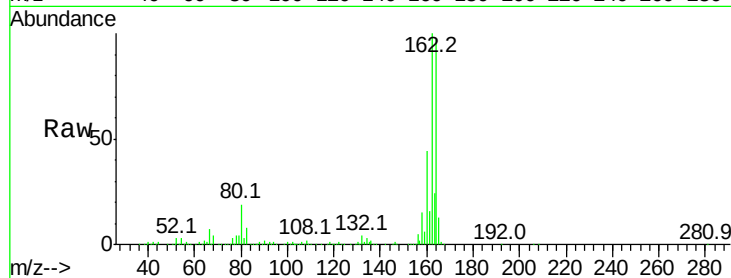
ClientSampleId :

JFC-SOIL-COMPMS

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

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.84 ng

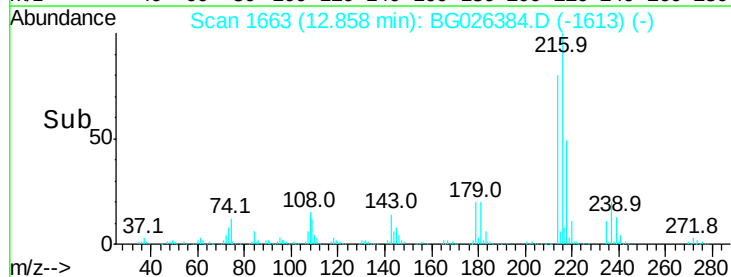
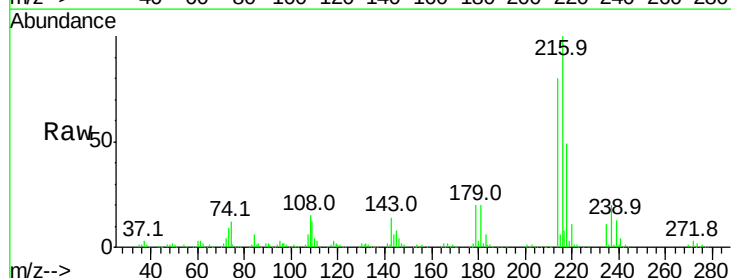
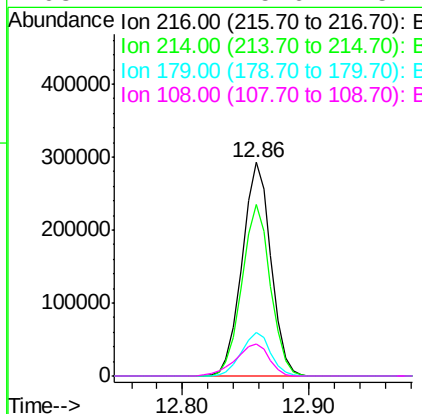
RT: 12.86 min Scan# 1663

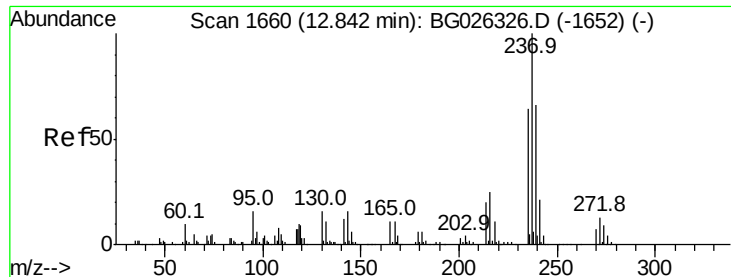
Delta R.T. -0.01 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

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





#40

Hexachlorocyclopentadiene

Concen: 99.35 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.00 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

Instrument :

BNA_G

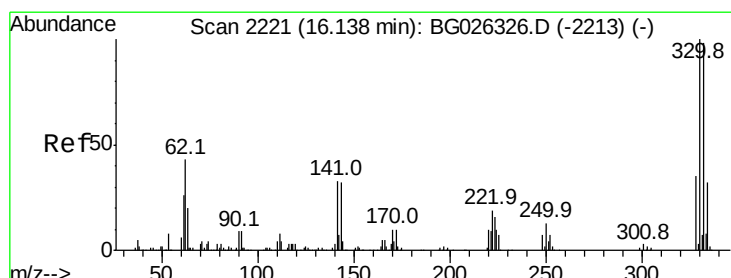
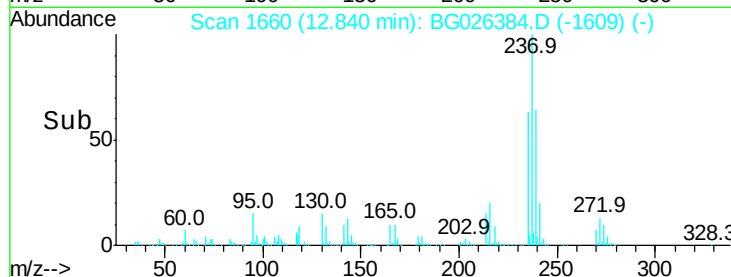
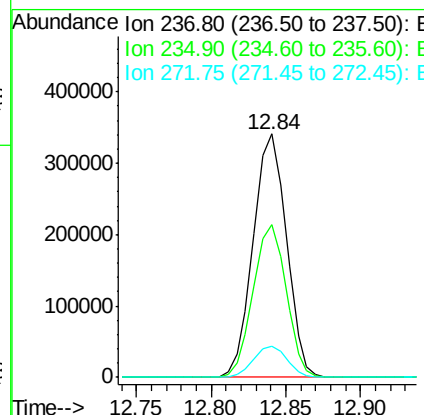
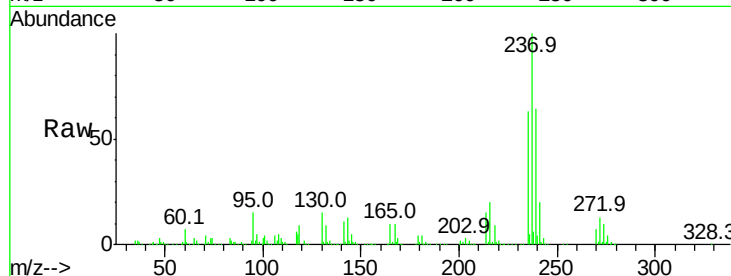
ClientSampleId :

JFC-SOIL-COMPMS

Tot Ion:	237	Resp:	525631
Ion Ratio	Lower	Upper	
237	100		
235	62.6	39.4	79.4
272	12.8	0.0	32.0

Manual Integrations
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#41

2,4,6-Tribromophenol

Concen: 165.33 ng

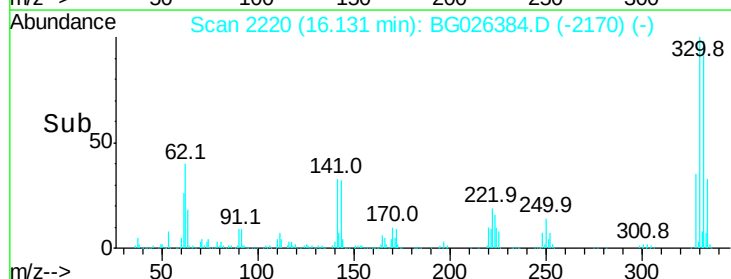
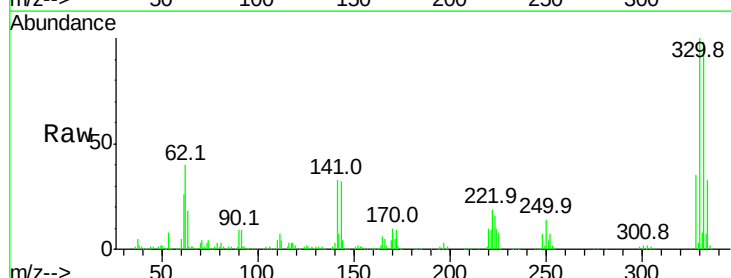
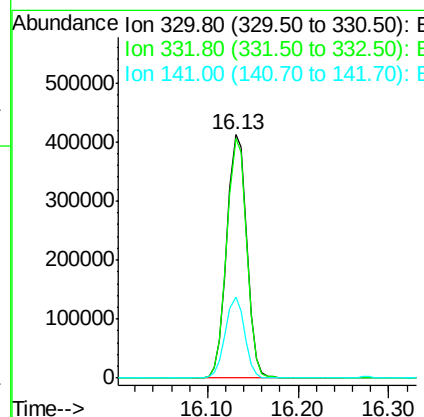
RT: 16.13 min Scan# 2220

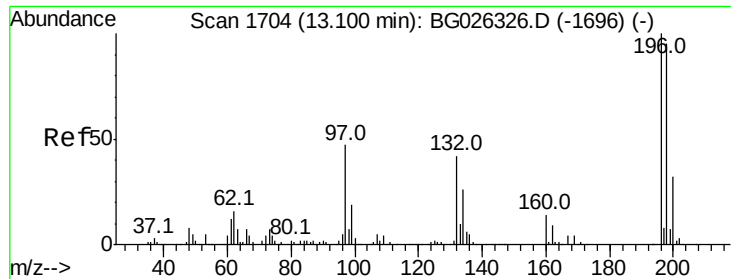
Delta R.T. -0.01 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

Tgt Ion:	330	Resp:	632530
Ion Ratio	Lower	Upper	
330	100		
332	97.8	77.3	115.9
141	32.0	32.1	48.1#





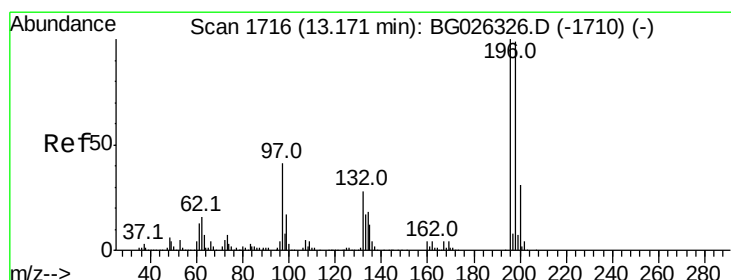
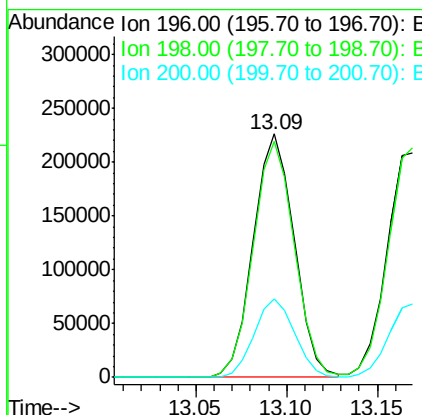
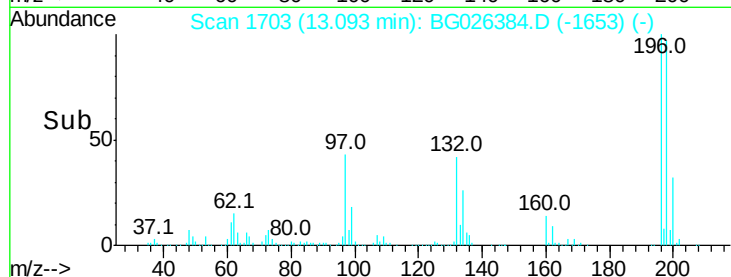
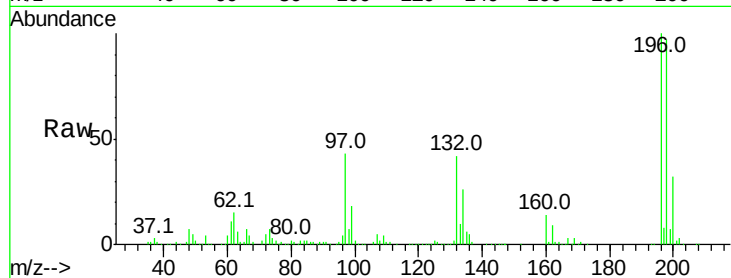
#42
 2,4,6-Trichlorophenol
 Concen: 53.81 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG026384.D
 Acq: 22 Mar 2017 20:38

Instrument :
 BNA_G
 ClientSampleId :
 JFC-SOIL-COMPMS

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

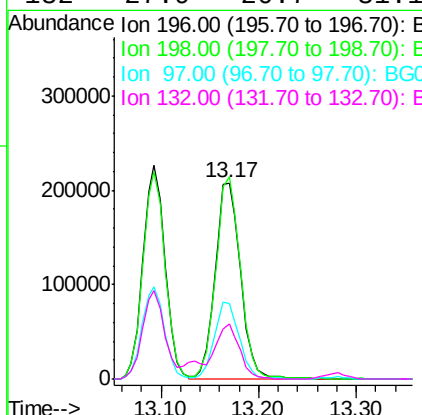
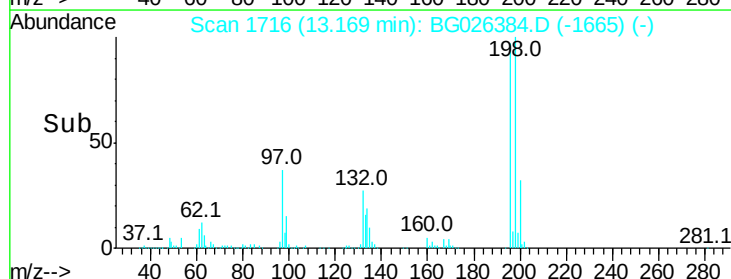
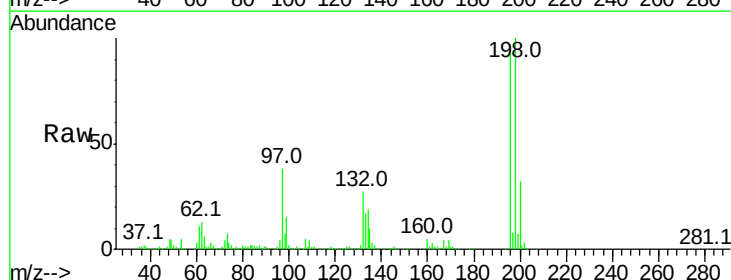
Manual Integrations
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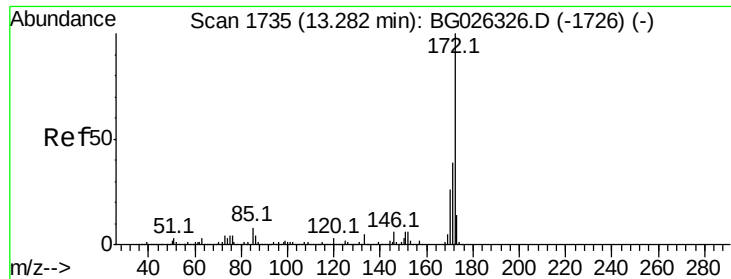
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#43
 2,4,5-Trichlorophenol
 Concen: 51.35 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG026384.D
 Acq: 22 Mar 2017 20:38

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





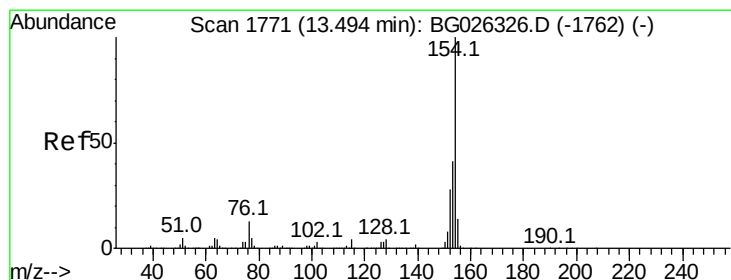
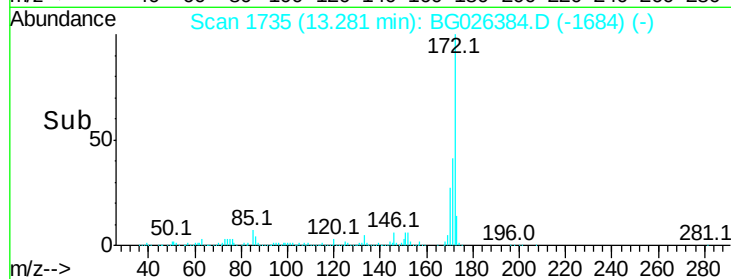
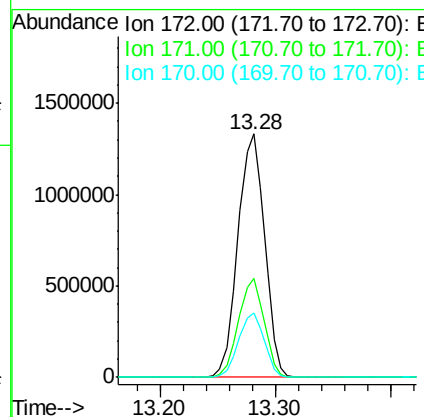
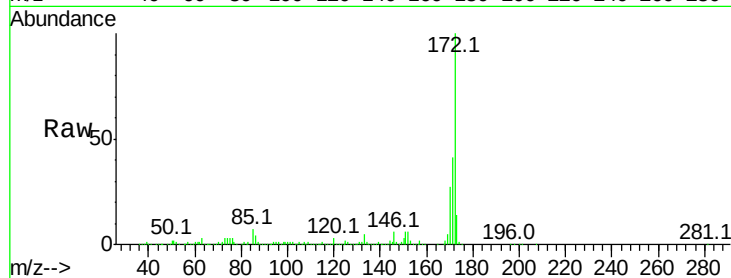
#44
2-Fluorobiphenyl
Concen: 89.57 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMS

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

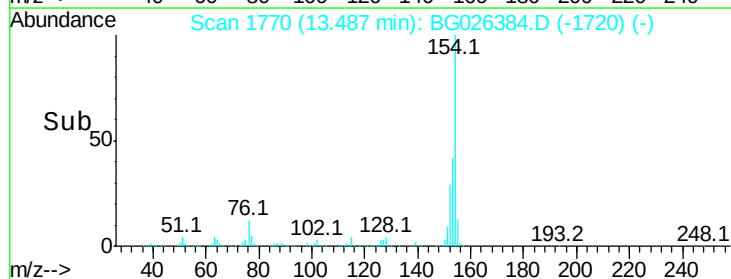
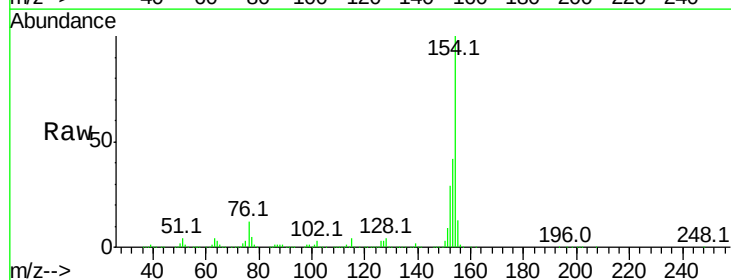
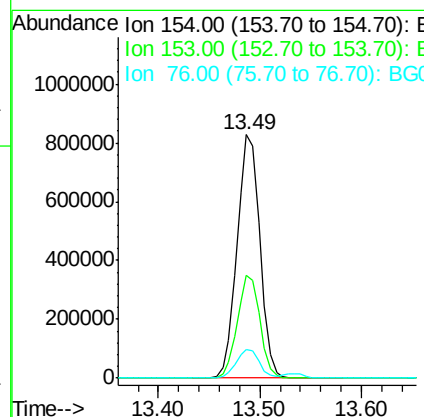
Manual Integrations
APPROVED

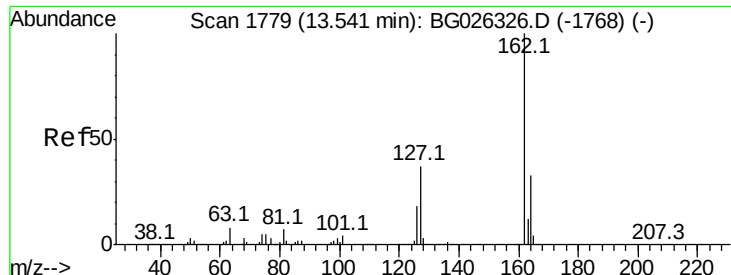
mohammad
3/23/2017 2:07:09 PM



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

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





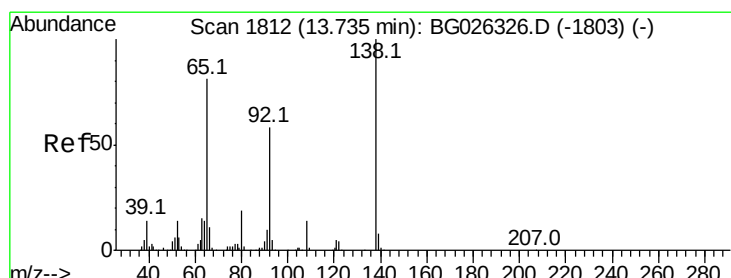
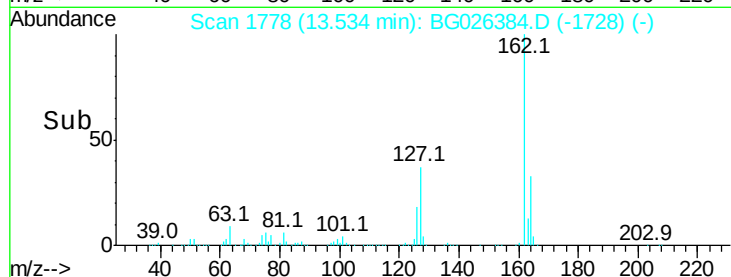
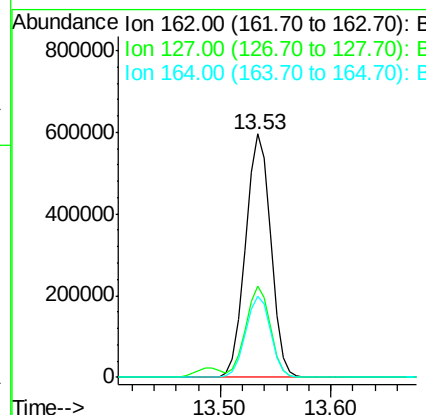
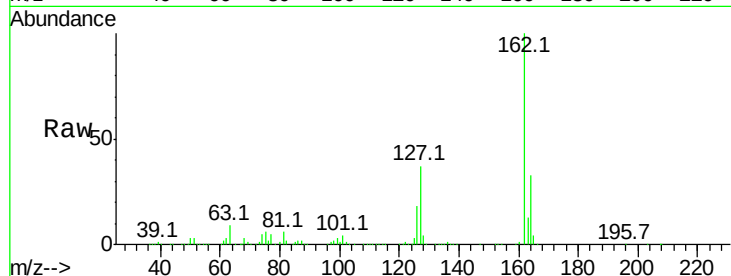
#46
2-Chloronaphthalene
Concen: 47.38 ng
RT: 13.53 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	37.3	32.2	48.4
164	33.4	27.3	40.9

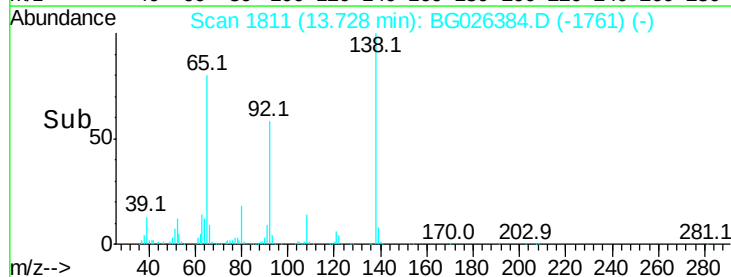
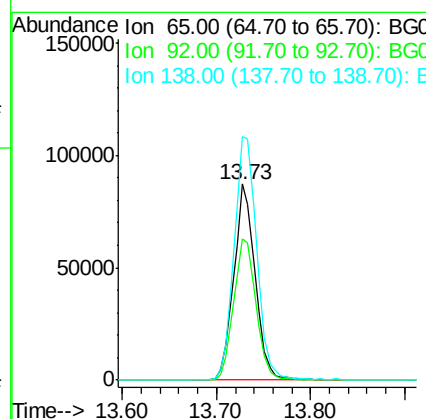
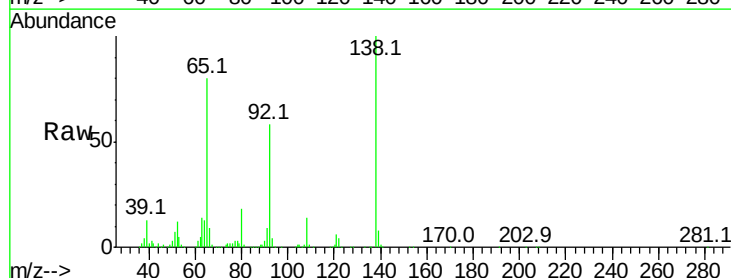
Manual Integrations
APPROVED

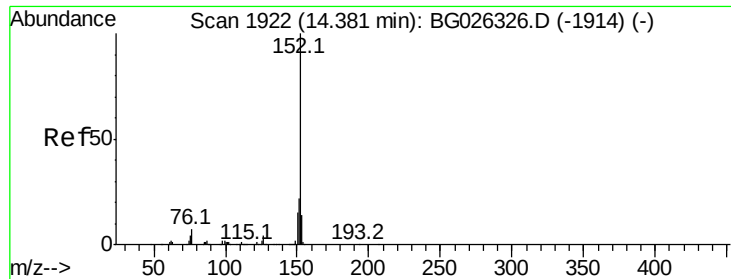
mohammad
3/23/2017 2:07:09 PM



#47
2-Nitroaniline
Concen: 24.02 ng
RT: 13.73 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	72.0	49.0	73.4
138	124.4	58.6	87.8#





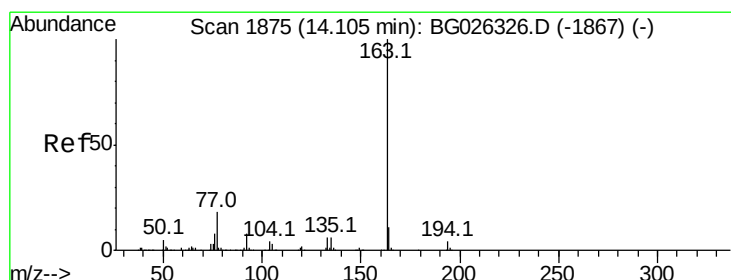
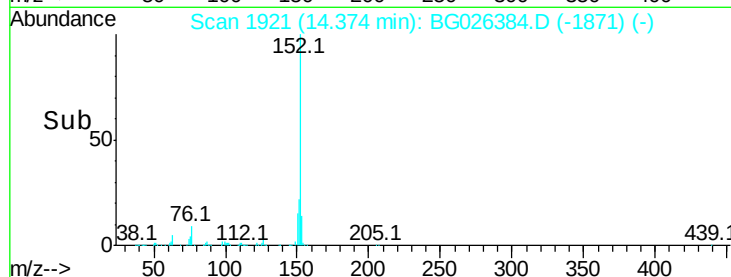
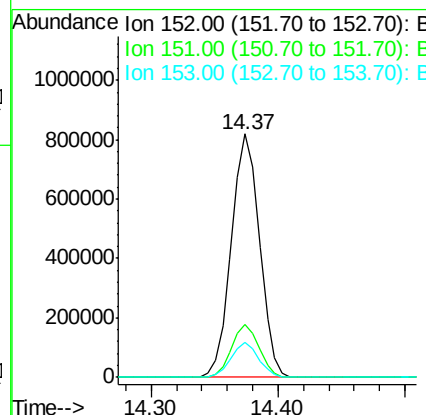
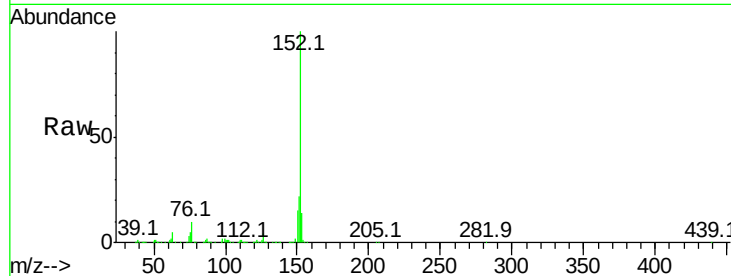
#48
Acenaphthylene
Concen: 35.65 ng
RT: 14.37 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMS

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

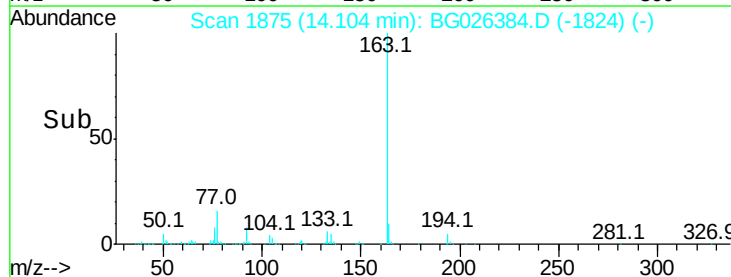
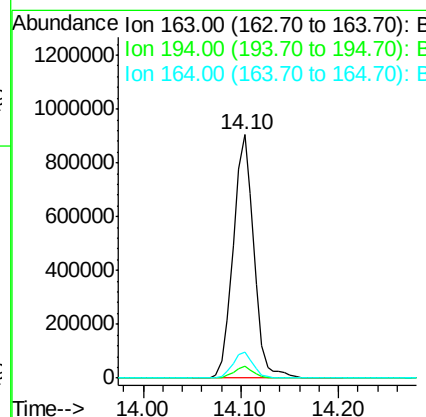
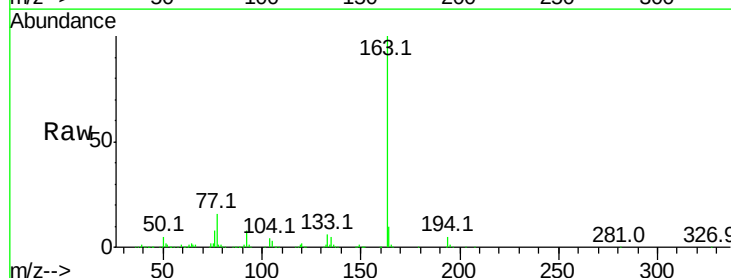
Manual Integrations
APPROVED

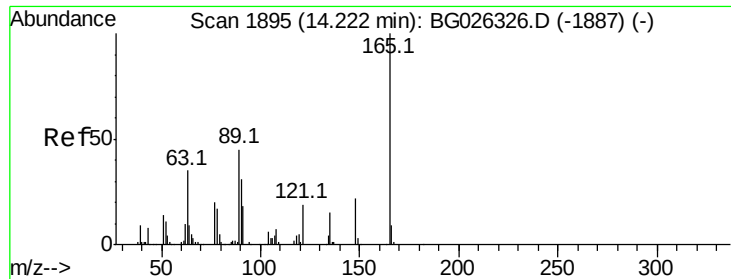
mohammad
3/23/2017 2:07:09 PM



#49
Dimethylphthalate
Concen: 52.55 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.00 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

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





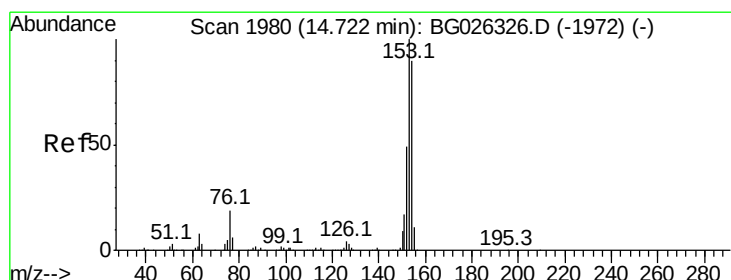
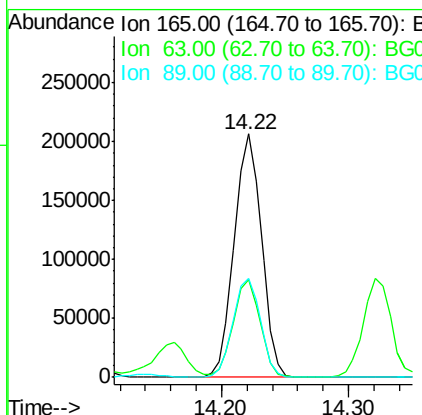
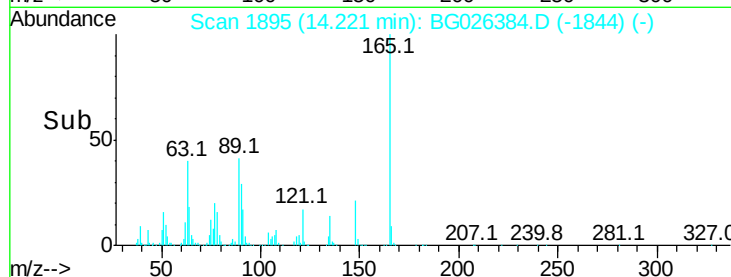
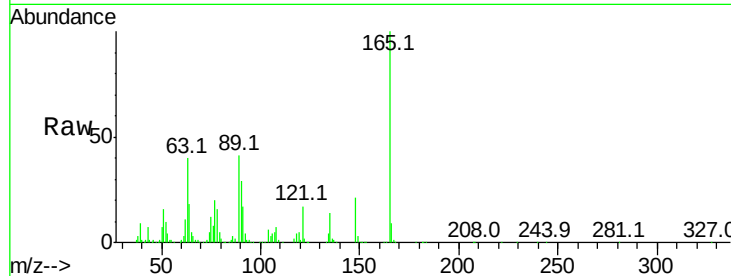
#50
2,6-Dinitrotoluene
Concen: 52.30 ng
RT: 14.22 min Scan# 1895
Delta R.T. -0.00 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	307775		
63	40.0		63.9	95.9#
89	40.6		58.6	88.0#

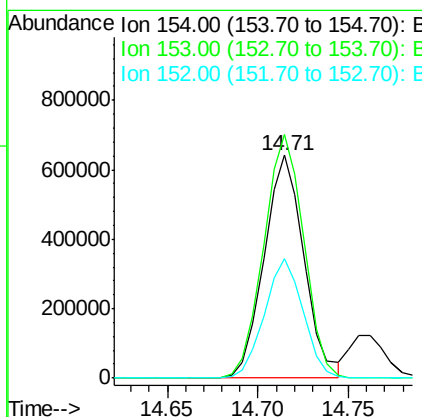
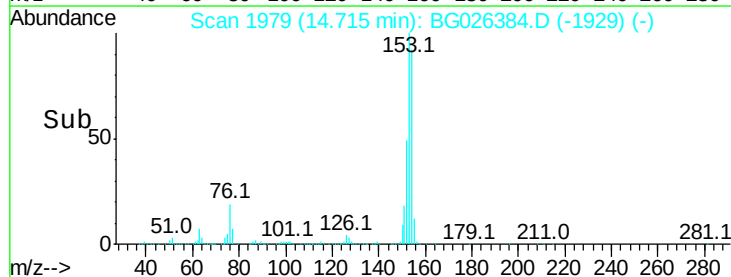
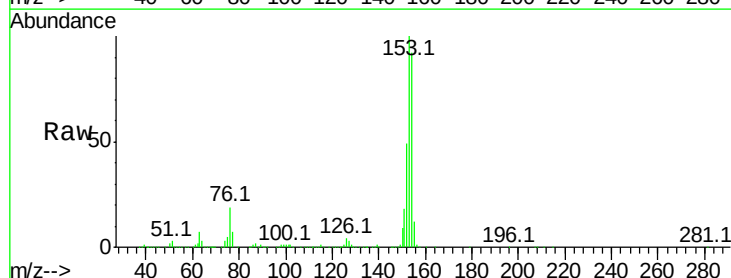
Manual Integrations
APPROVED

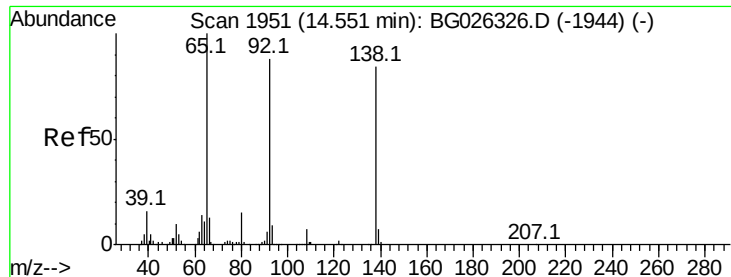
mohammad
3/23/2017 2:07:09 PM



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

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	985703		
153	109.2		87.8	131.6
152	53.7		42.2	63.4





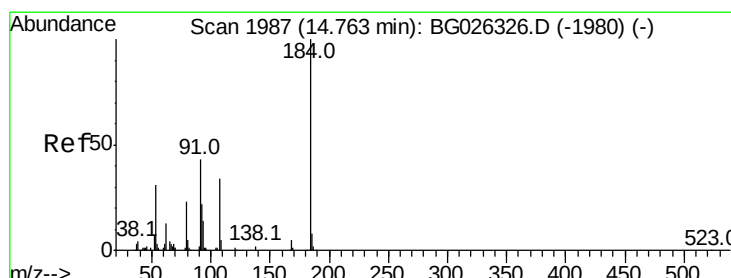
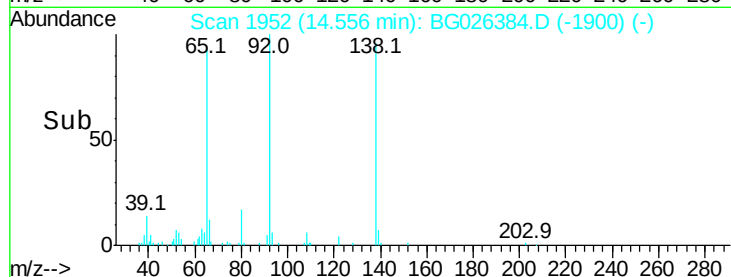
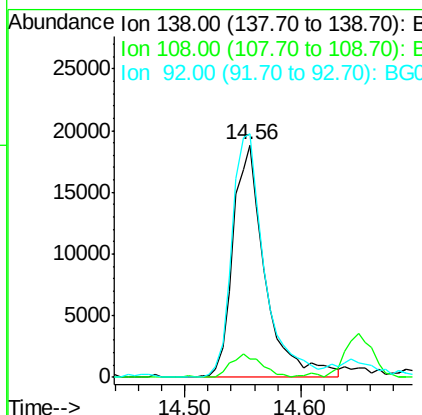
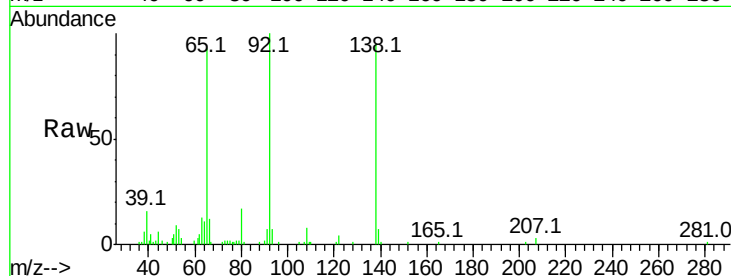
#52
3-Nitroaniline
Concen: 5.60 ng
RT: 14.56 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	7.9	10.9	16.3#
92	104.8	115.3	172.9#

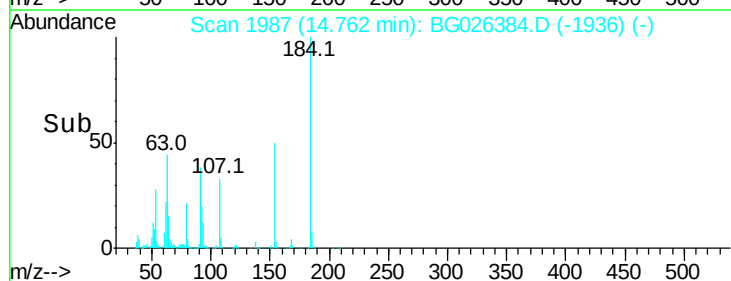
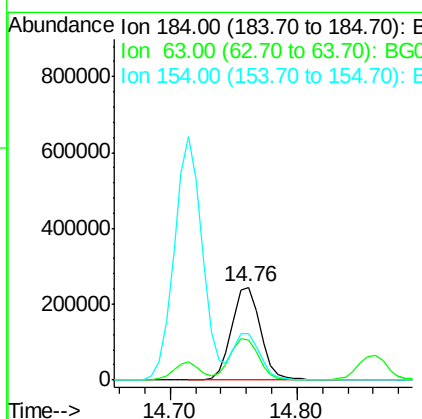
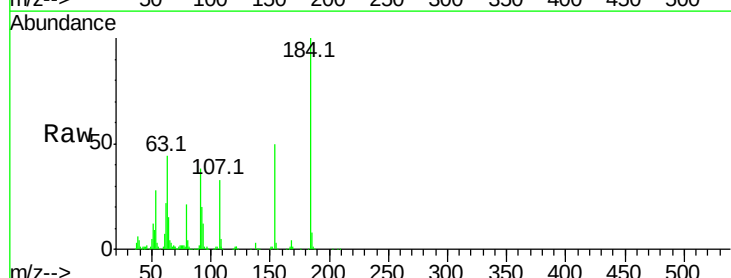
Manual Integrations
APPROVED

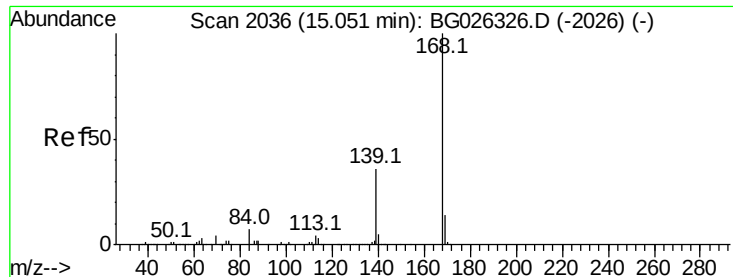
mohammad
3/23/2017 2:07:09 PM



#53
2,4-Dinitrophenol
Concen: 113.55 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

Tgt Ion	Ratio	Lower	Upper
184	100		
63	43.6	52.7	79.1#
154	50.4	57.3	85.9#





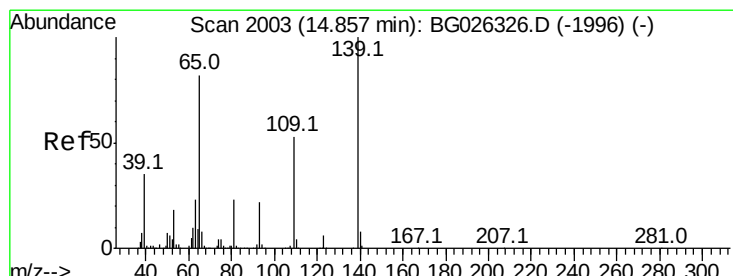
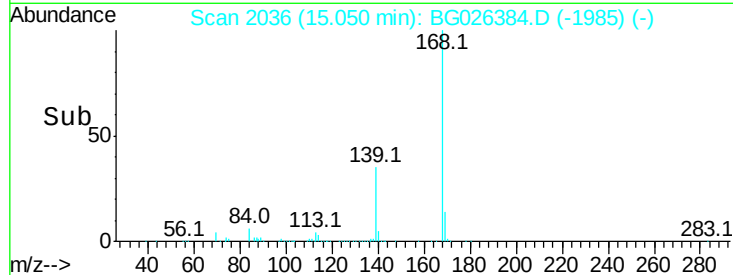
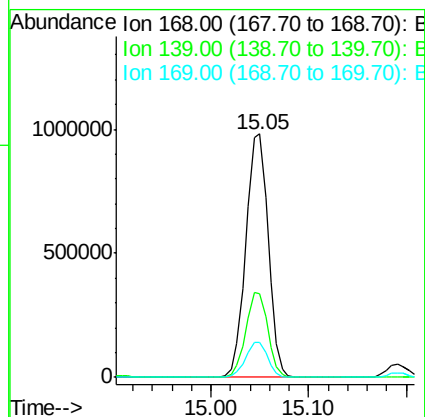
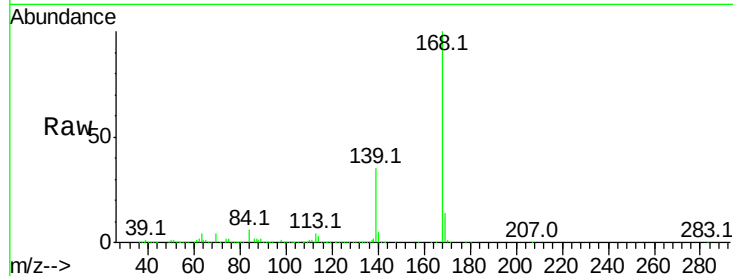
#54
Dibenzenofuran
Concen: 51.45 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMS

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

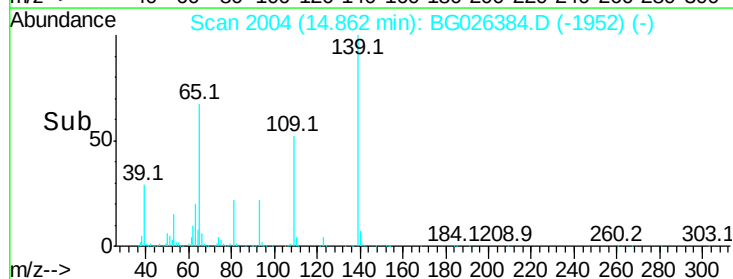
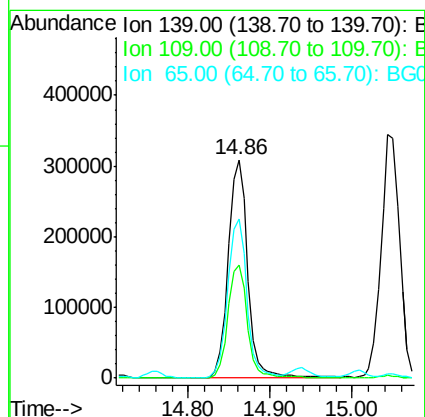
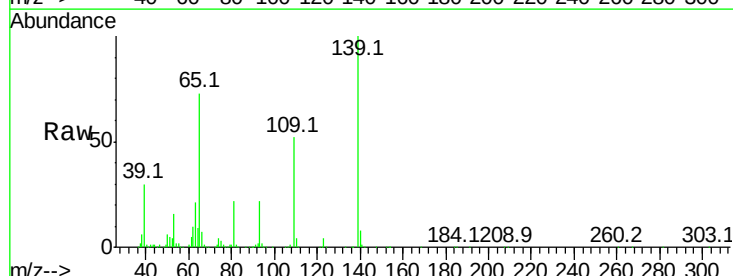
Manual Integrations
APPROVED

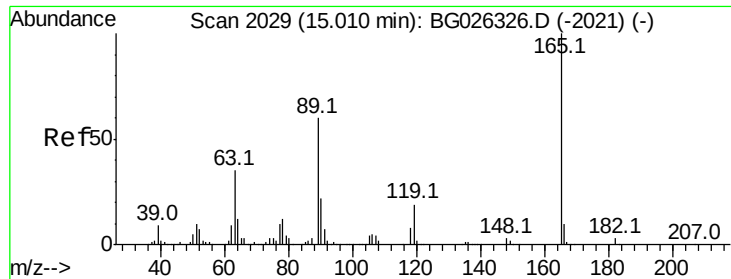
mohammad
3/23/2017 2:07:09 PM



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

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





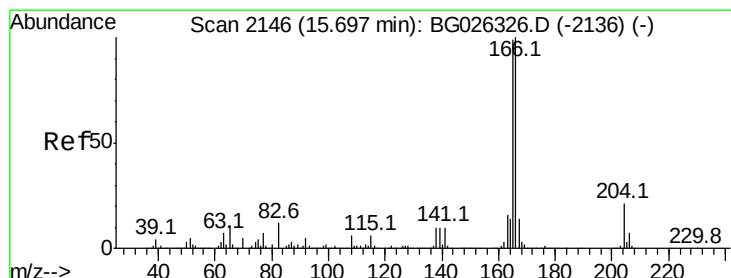
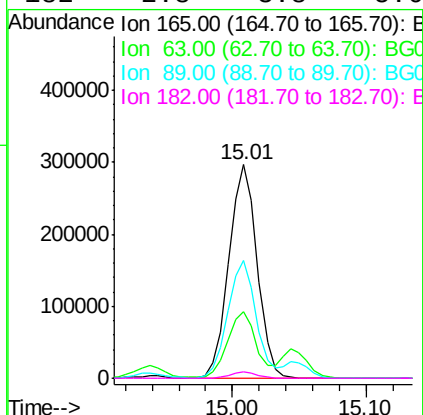
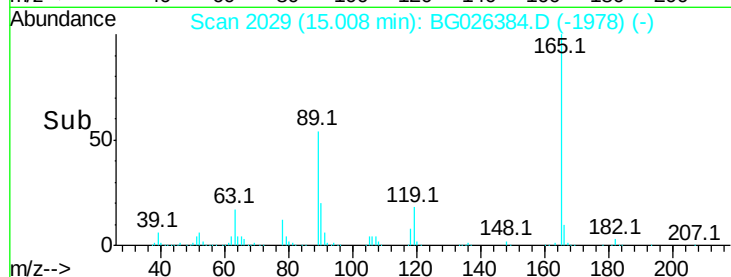
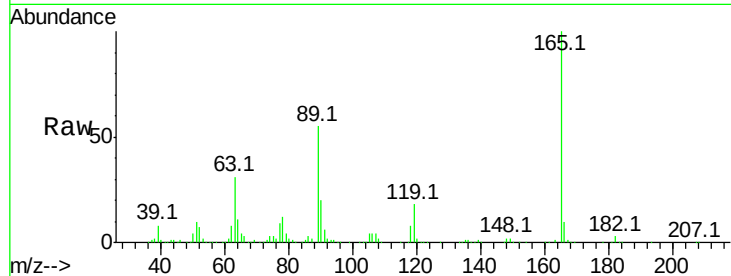
#56
2,4-Dinitrotoluene
Concen: 52.96 ng
RT: 15.01 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMS

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

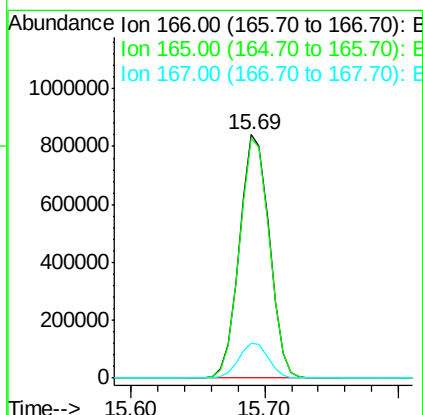
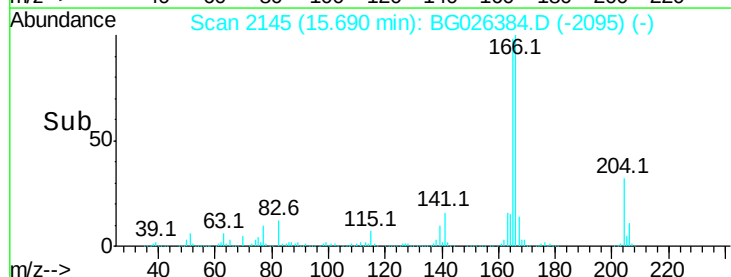
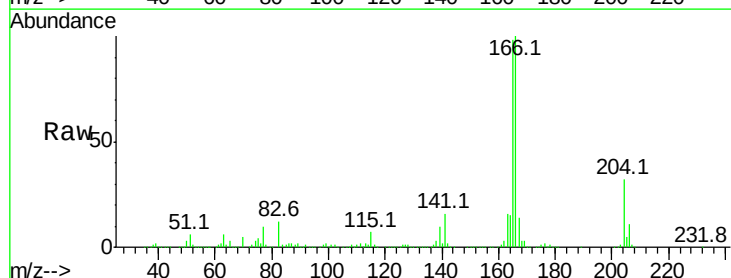
Manual Integrations
APPROVED

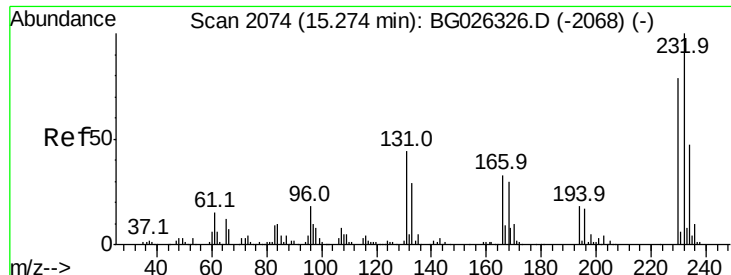
mohammad
3/23/2017 2:07:09 PM



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

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





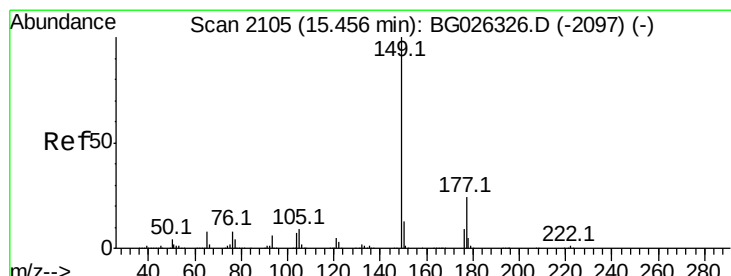
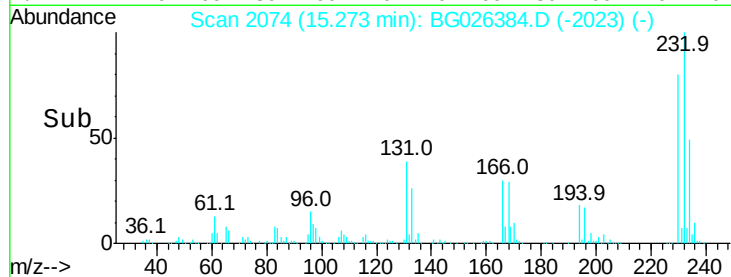
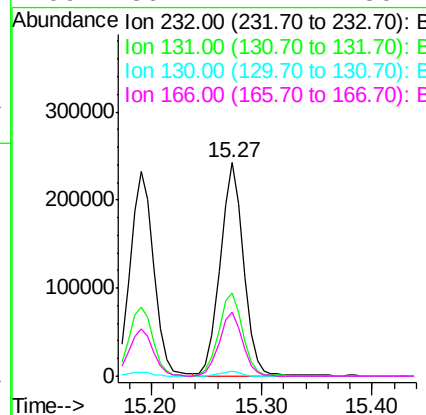
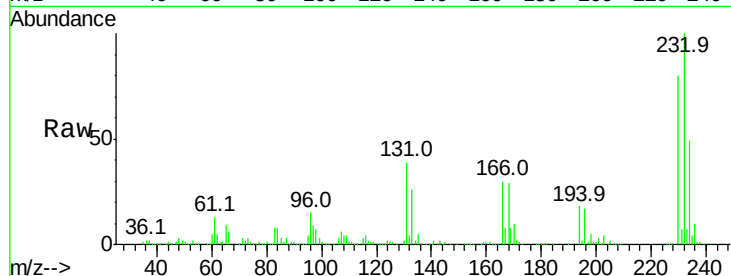
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 55.99 ng
 RT: 15.27 min Scan# 2074
 Delta R.T. -0.00 min
 Lab File: BG026384.D
 Acq: 22 Mar 2017 20:38

Instrument :
 BNA_G
 ClientSampleId :
 JFC-SOIL-COMPMS

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

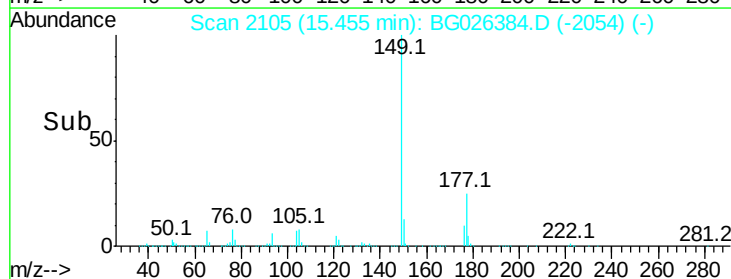
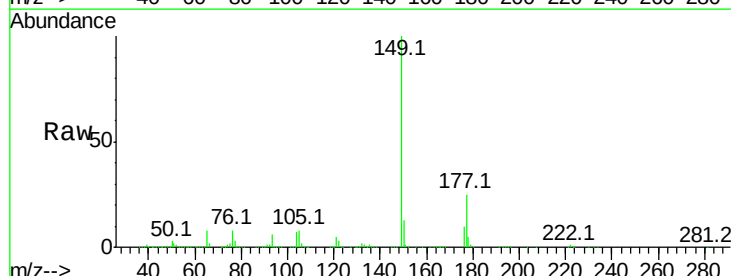
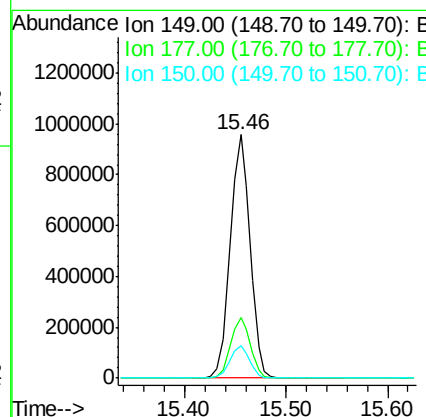
Manual Integrations
 APPROVED

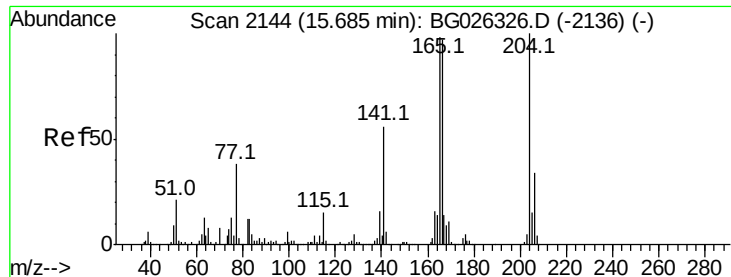
mohammad
 3/23/2017 2:07:09 PM



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

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





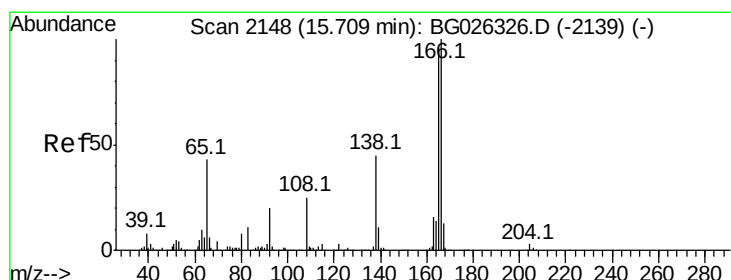
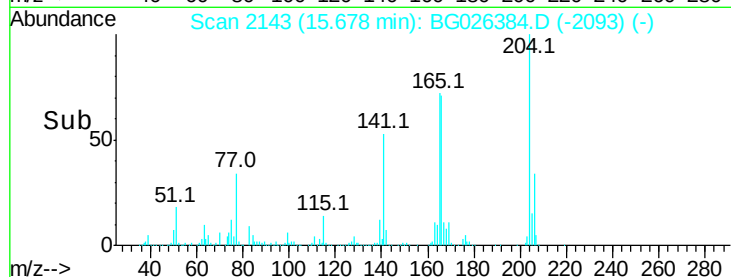
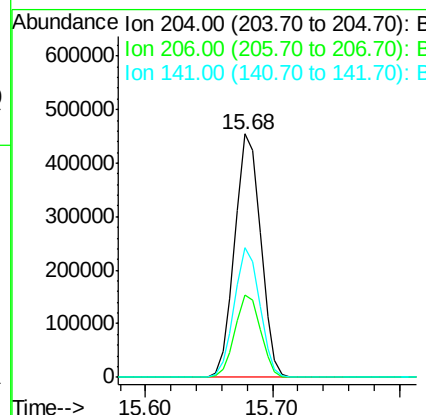
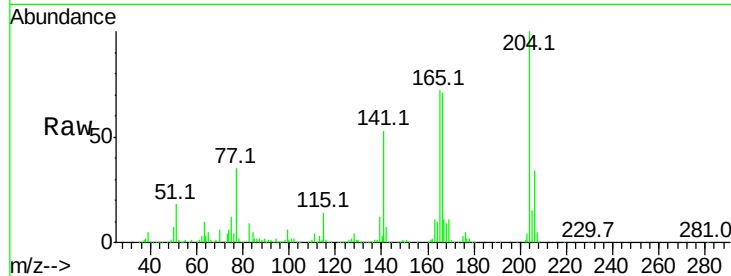
#60
4-Chlorophenyl-phenylether
Concen: 49.72 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMS

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

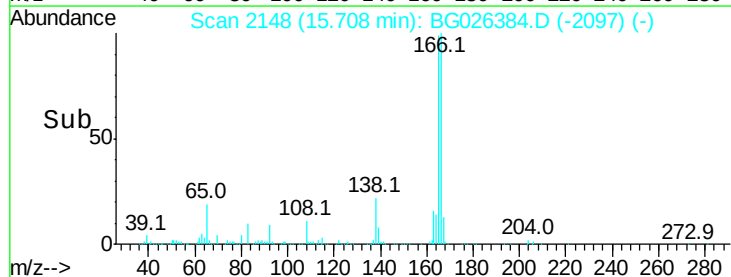
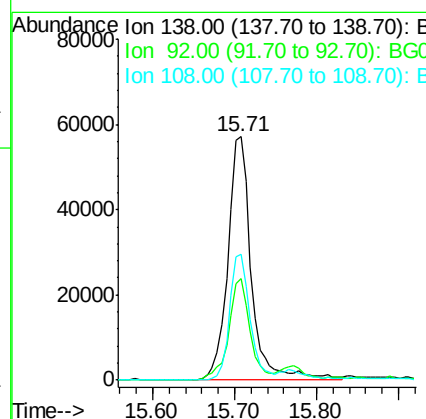
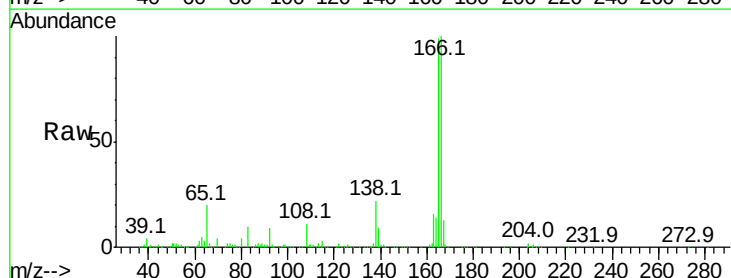
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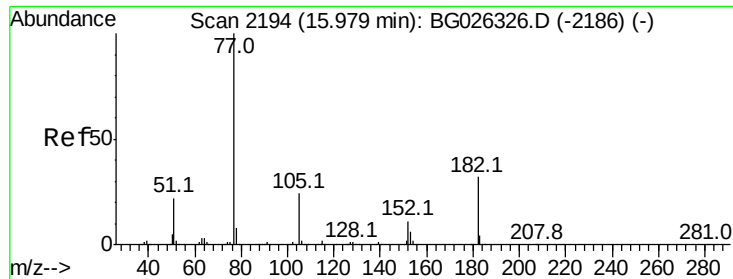
mohammad
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#61
4-Nitroaniline
Concen: 16.74 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

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





#62

Azobenzene

Concen: 47.65 ng

RT: 15.97 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

Instrument :

BNA_G

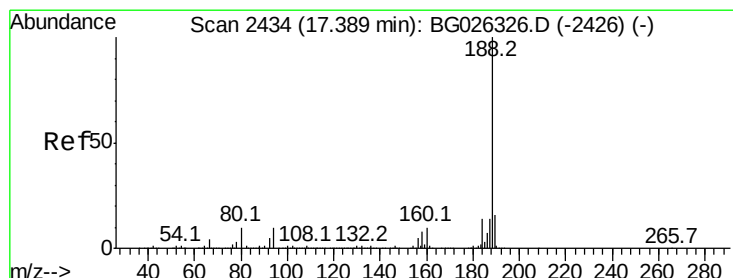
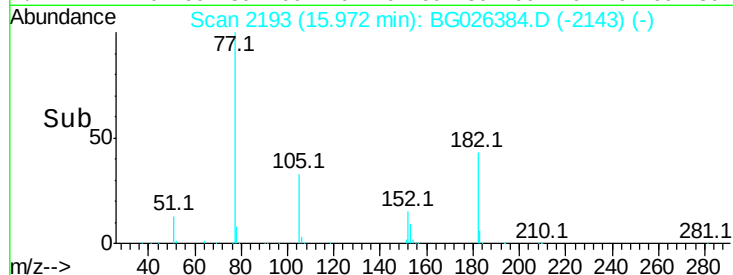
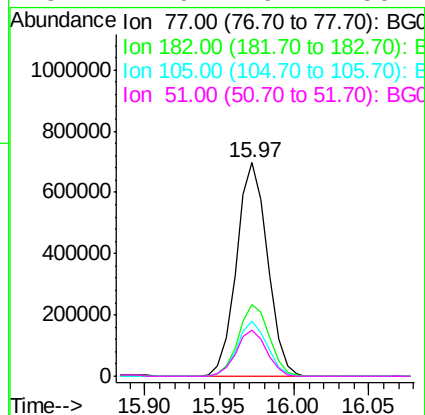
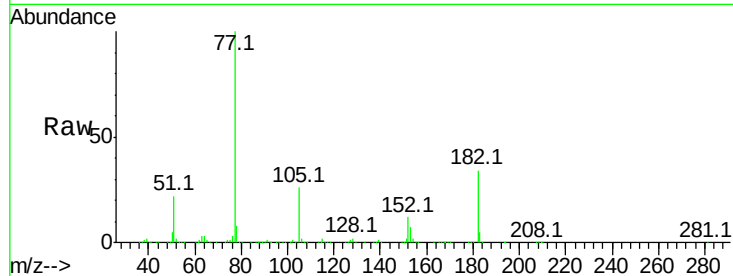
ClientSampleId :

JFC-SOIL-COMPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		998451		
182	33.7	4.7	44.7		
105	25.6	0.0	36.3		
51	21.9	16.4	56.4		

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#63

Phenanthrene-d10

Concen: 20.00 ng

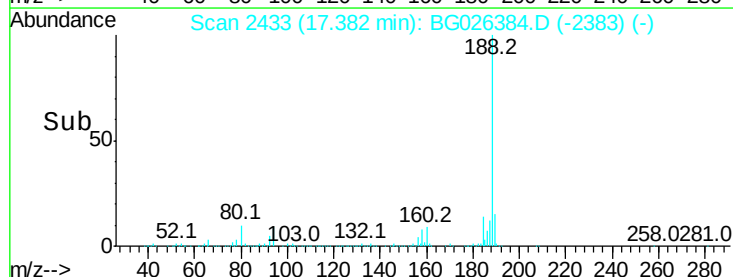
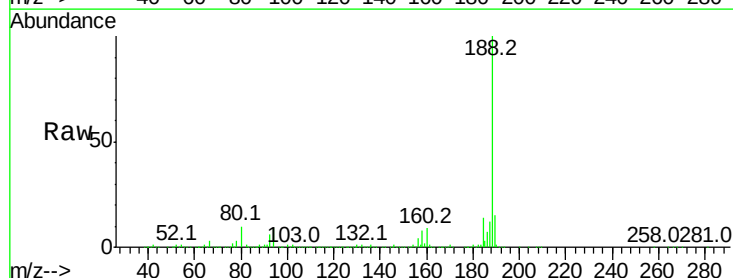
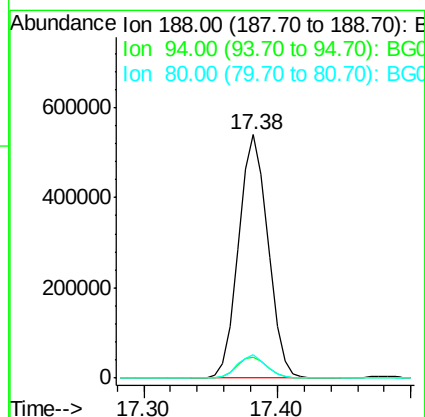
RT: 17.38 min Scan# 2433

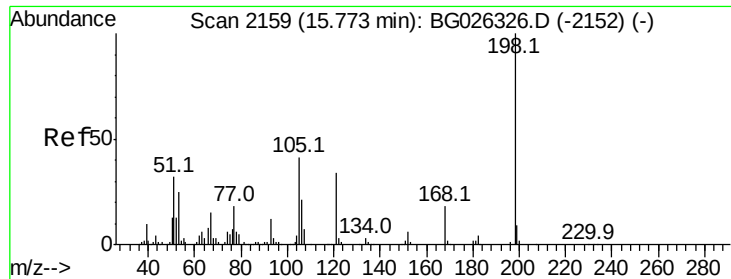
Delta R.T. -0.01 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		821393		
94	8.8	5.8	8.8#		
80	9.6	7.5	11.3		





#64

4,6-Dinitro-2-methylphenol

Concen: 52.99 ng

RT: 15.77 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

Instrument :

BNA_G

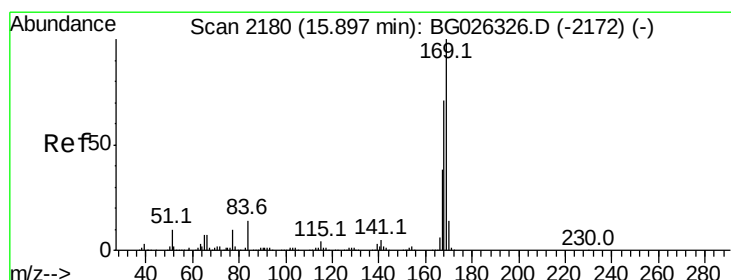
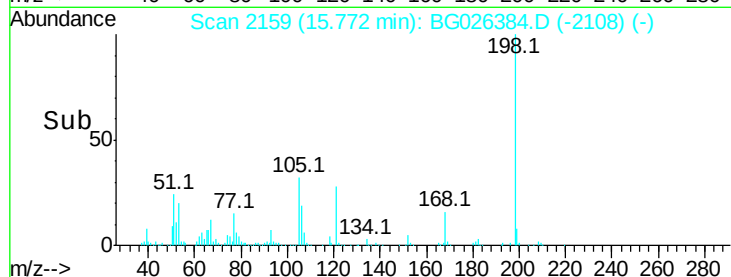
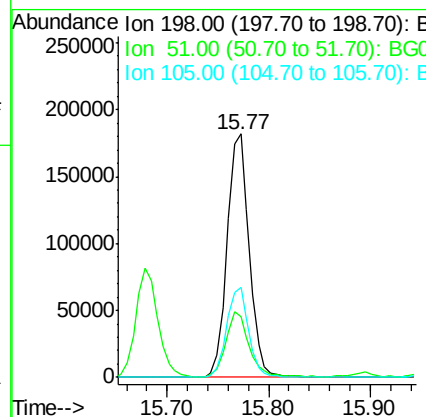
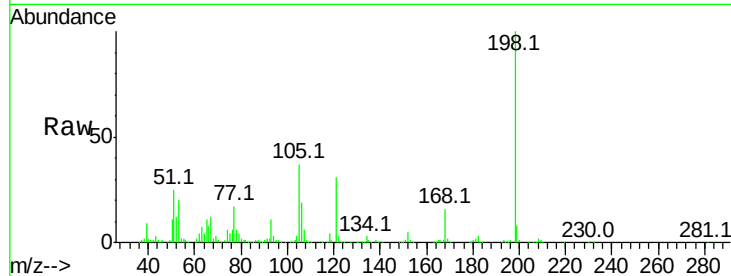
ClientSampleId :

JFC-SOIL-COMPMS

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

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#65

n-Nitrosodiphenylamine

Concen: 2.13 ng

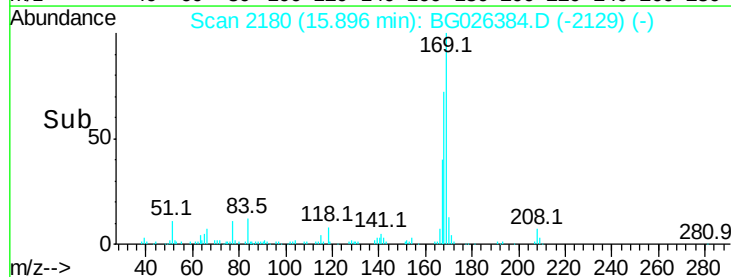
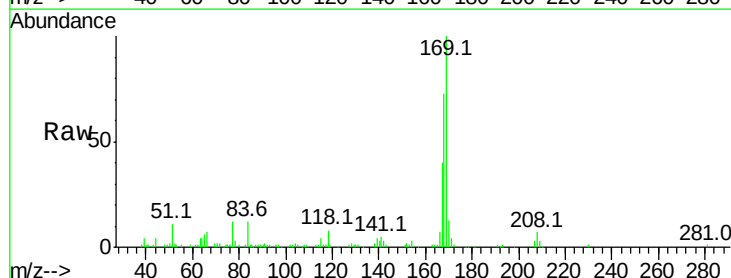
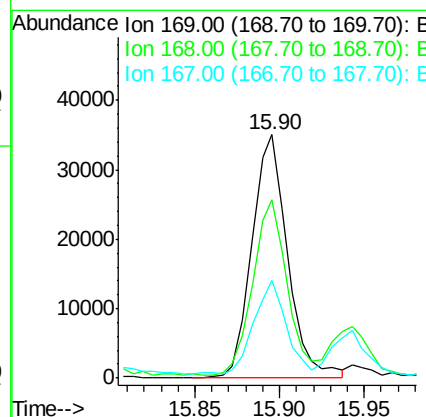
RT: 15.90 min Scan# 2180

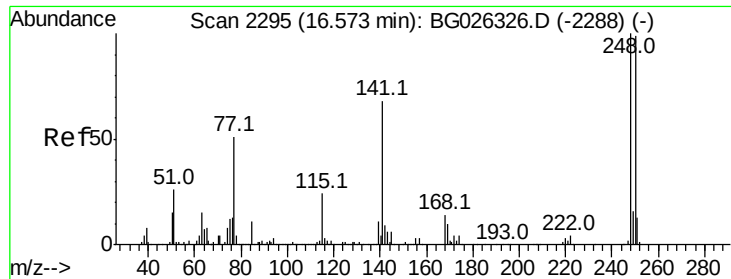
Delta R.T. -0.00 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

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





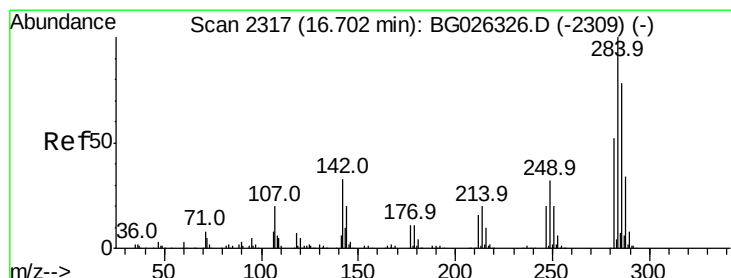
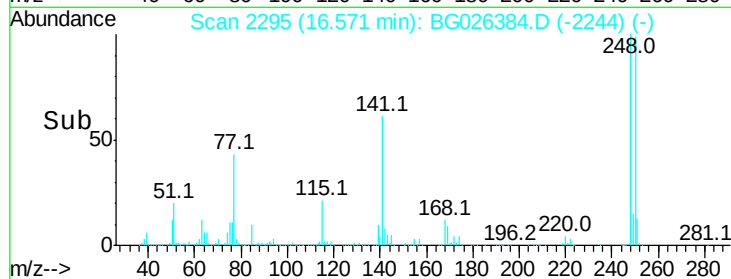
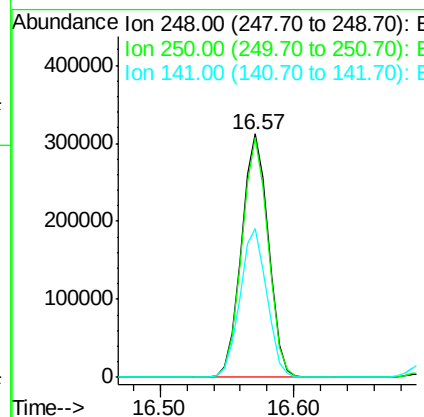
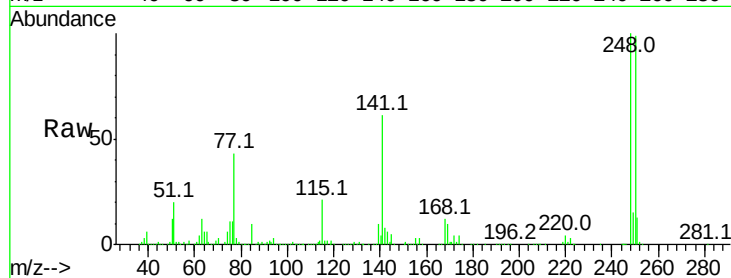
#66
 4-Bromophenyl-phenylether
 Concen: 51.26 ng
 RT: 16.57 min Scan# 2295
 Delta R.T. -0.00 min
 Lab File: BG026384.D
 Acq: 22 Mar 2017 20:38

Instrument :
 BNA_G
 ClientSampleId :
 JFC-SOIL-COMPMS

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

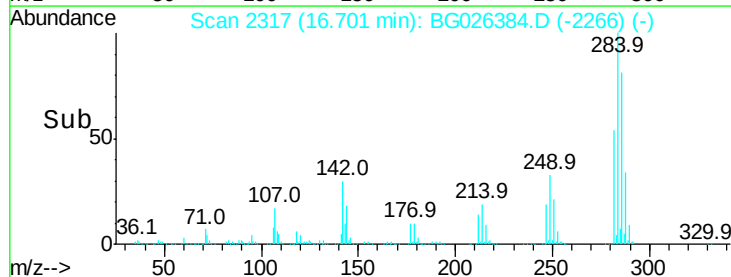
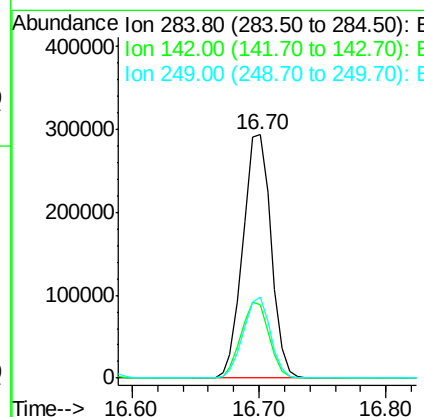
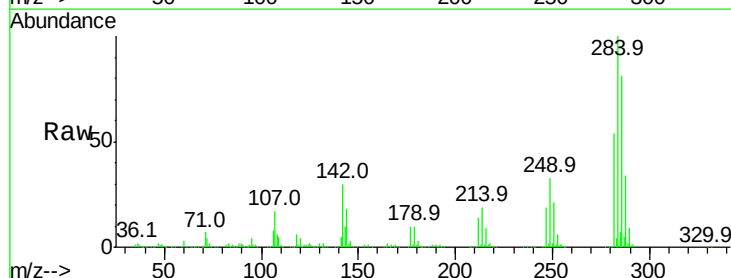
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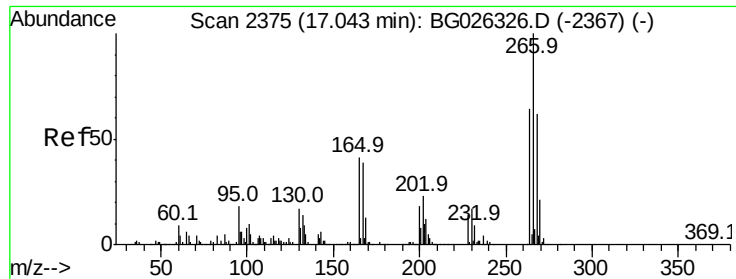
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#67
 Hexachlorobenzene
 Concen: 50.16 ng
 RT: 16.70 min Scan# 2317
 Delta R.T. -0.00 min
 Lab File: BG026384.D
 Acq: 22 Mar 2017 20:38

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





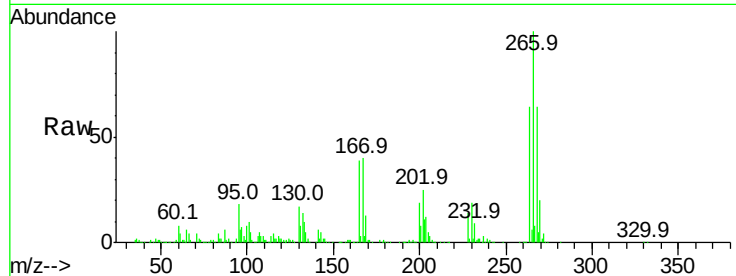
#69
 Pentachlorophenol
 Concen: 97.13 ng
 RT: 17.04 min Scan# 2374
 Delta R.T. -0.01 min
 Lab File: BG026384.D
 Acq: 22 Mar 2017 20:38

Instrument :
 BNA_G
 ClientSampleId :
 JFC-SOIL-COMPMS

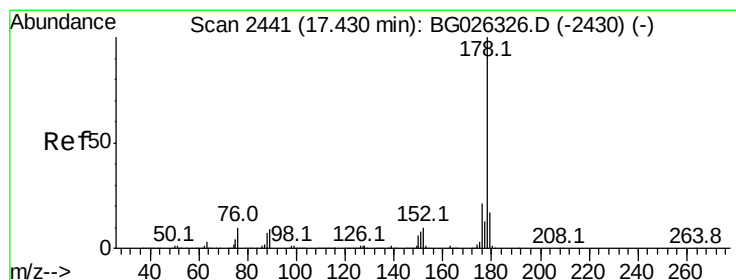
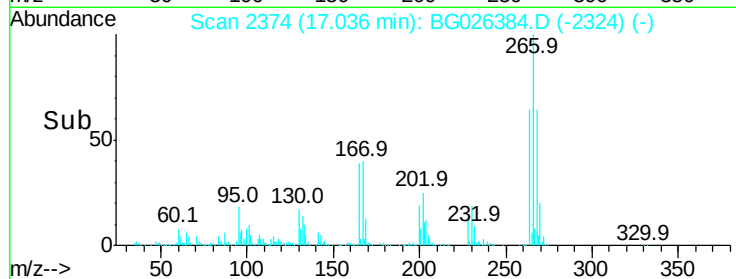
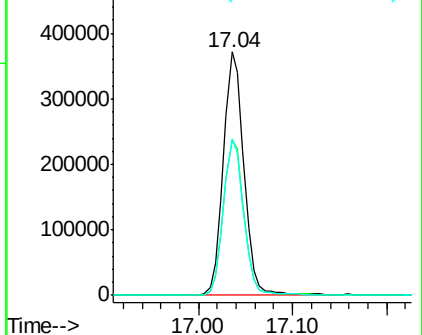
Tot Ion	Ratio	Resp	Lower	Upper
266	100	569556		
268	64.0	48.6	72.8	
264	64.1	50.1	75.1	

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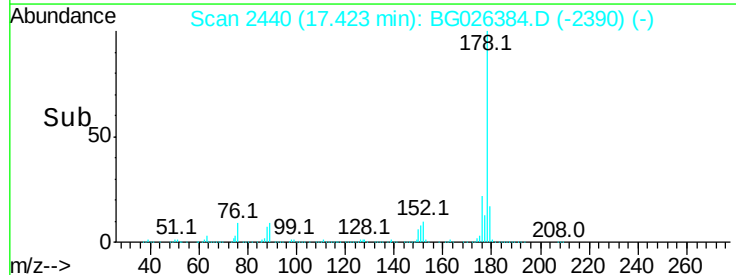
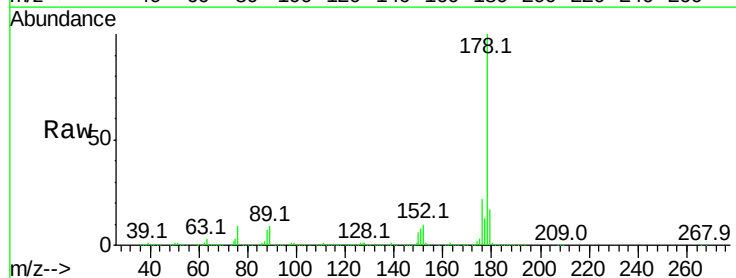
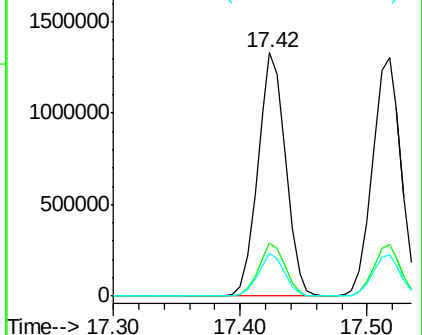
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

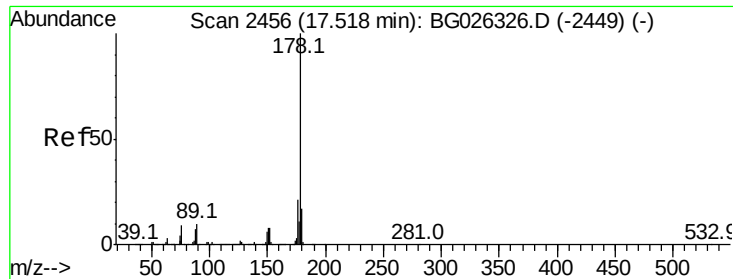


#70
 Phenanthrene
 Concen: 45.83 ng
 RT: 17.42 min Scan# 2440
 Delta R.T. -0.01 min
 Lab File: BG026384.D
 Acq: 22 Mar 2017 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2021707		
176	21.7	17.7	26.5	
179	17.5	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: 45.29 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.00 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

Instrument :

BNA_G

ClientSampleId :

JFC-SOIL-COMPMS

Tot Ion:178 Resp: 2038259

Ion Ratio Lower Upper

178 100

176 21.5 16.4 24.6

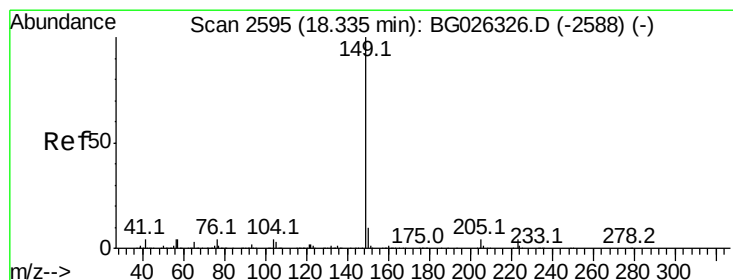
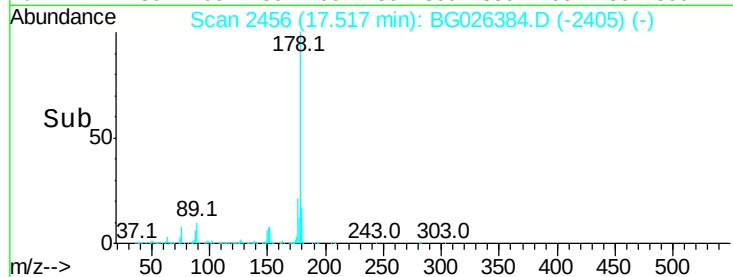
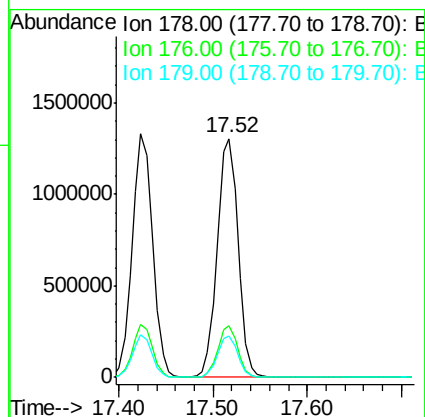
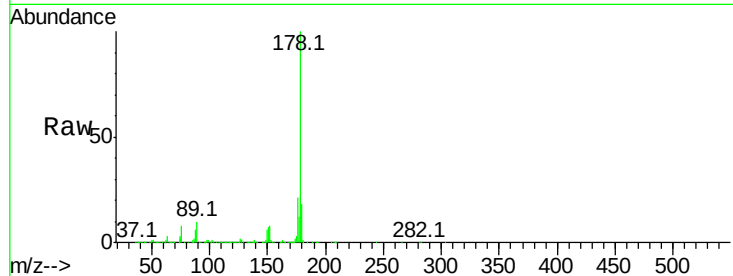
179 17.5 13.8 20.8

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#73

Di-n-butylphthalate

Concen: 47.39 ng

RT: 18.33 min Scan# 2595

Delta R.T. -0.00 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

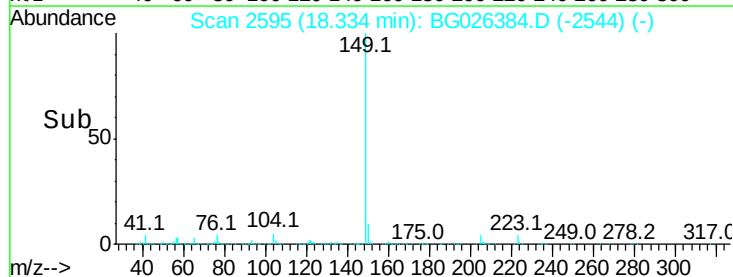
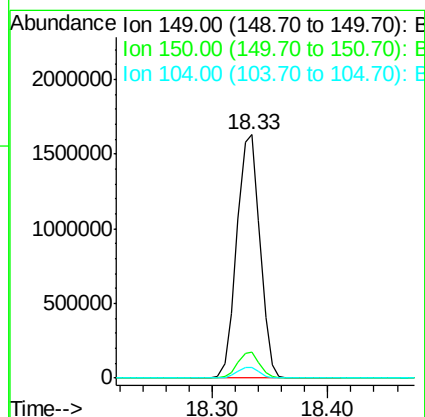
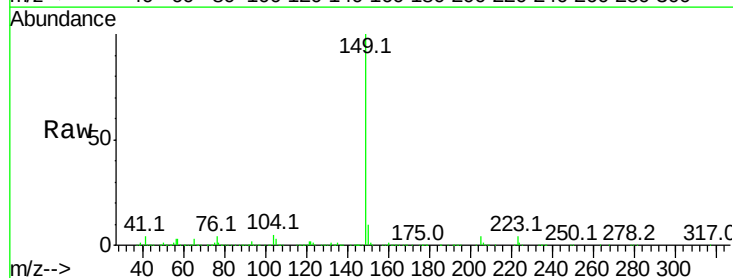
Tgt Ion:149 Resp: 2255790

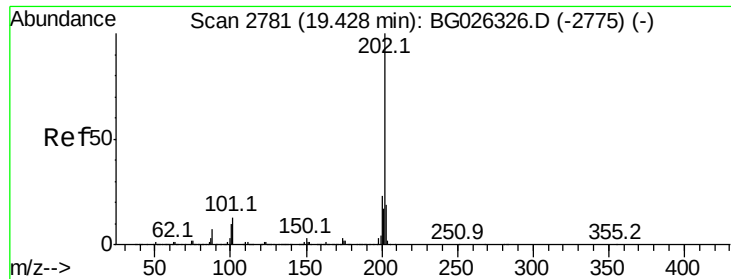
Ion Ratio Lower Upper

149 100

150 10.5 9.1 13.7

104 4.6 6.7 10.1#





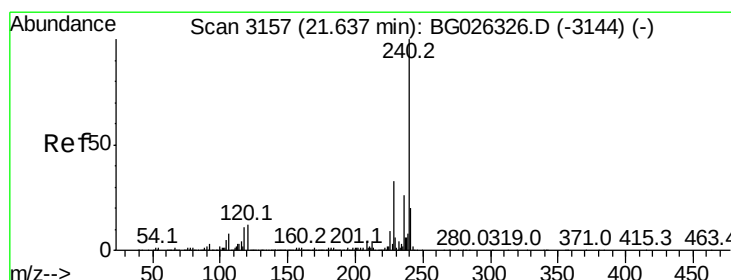
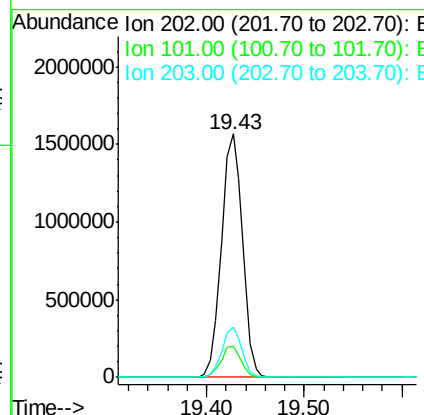
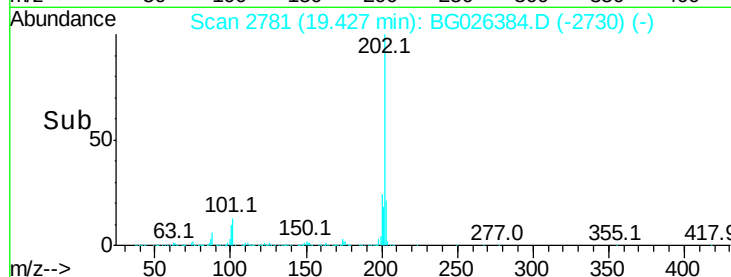
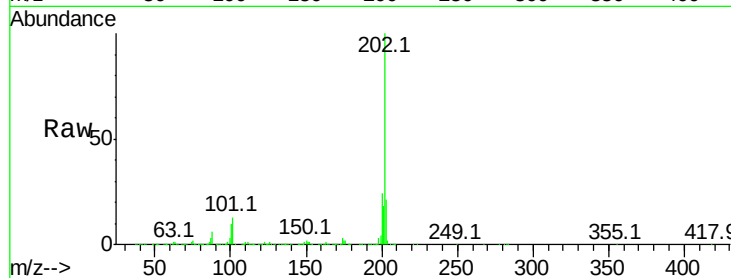
#74
 Fluoranthene
 Concen: 45.04 ng
 RT: 19.43 min Scan# 2781
 Delta R.T. -0.00 min
 Lab File: BG026384.D
 Acq: 22 Mar 2017 20:38

Instrument :
 BNA_G
 ClientSampleId :
 JFC-SOIL-COMPMS

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	30.1
203	20.6	1.3	41.3

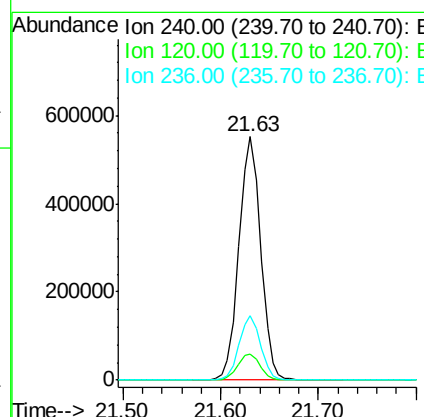
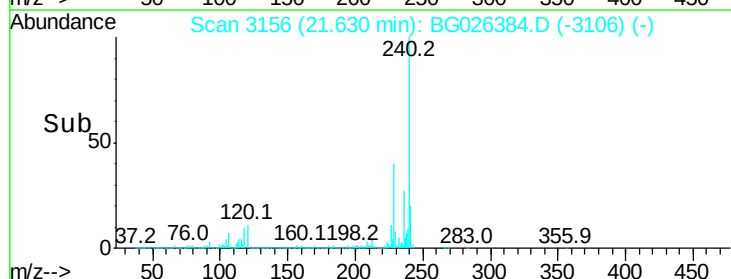
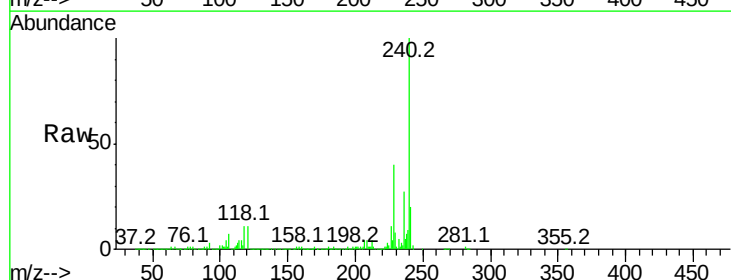
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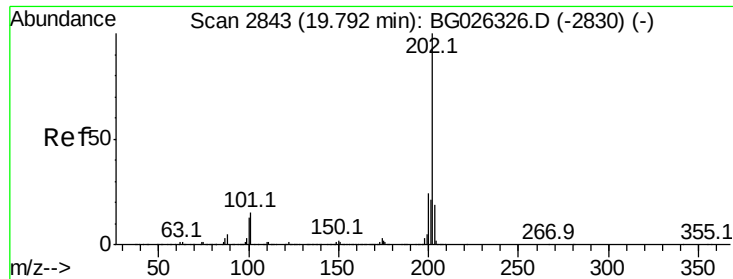
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.63 min Scan# 3156
 Delta R.T. -0.01 min
 Lab File: BG026384.D
 Acq: 22 Mar 2017 20:38

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.6	5.7	8.5#
236	26.6	22.2	33.4





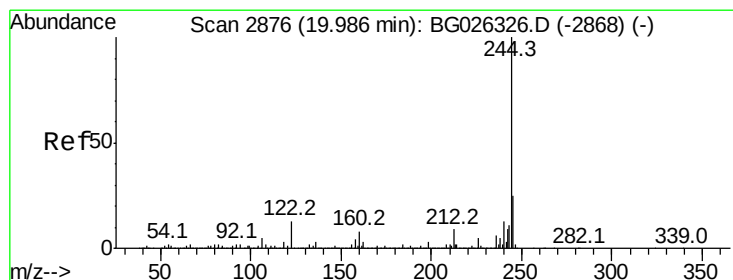
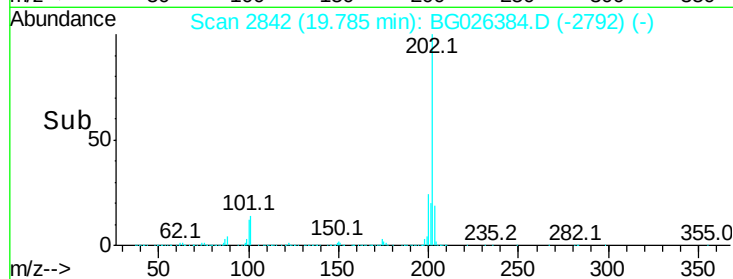
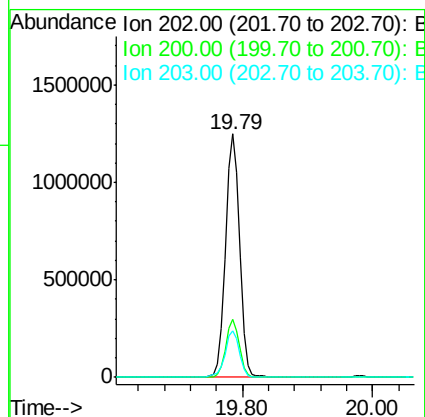
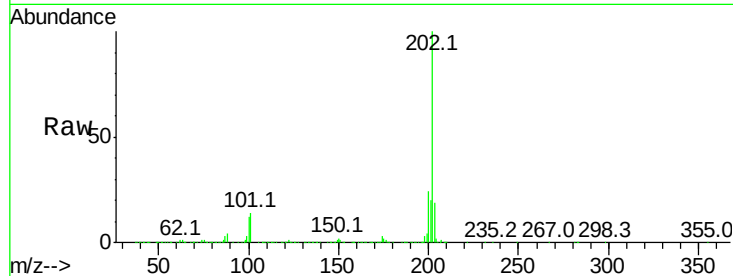
#77
Pvrene
Concen: 37.57 ng
RT: 19.79 min Scan# 2842
Delta R.T. -0.01 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMS

Tot Ion	Ratio	Lower	Upper
202	100		
200	24.1	19.6	29.4
203	19.1	15.8	23.8

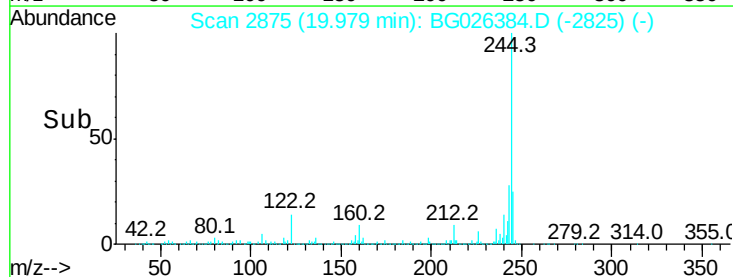
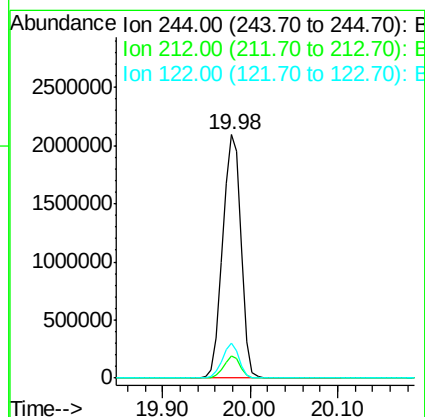
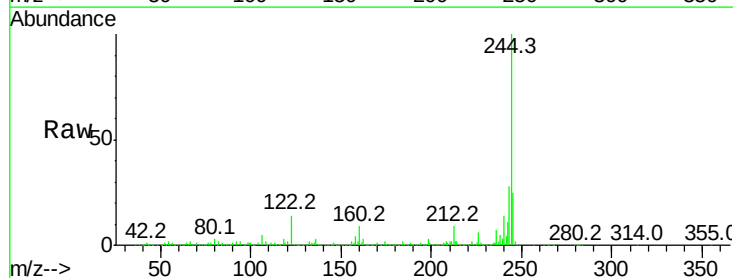
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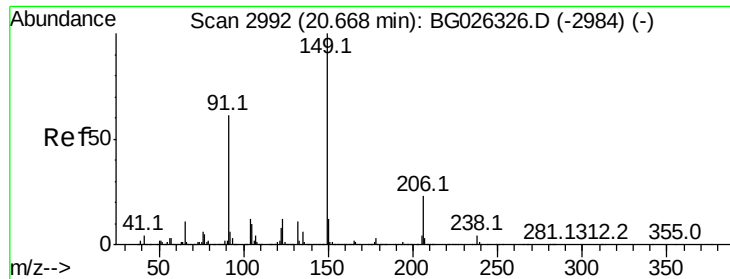
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#78
Terphenyl-d14
Concen: 86.40 ng
RT: 19.98 min Scan# 2875
Delta R.T. -0.01 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.0	10.0	15.0#
122	14.4	8.6	12.8#





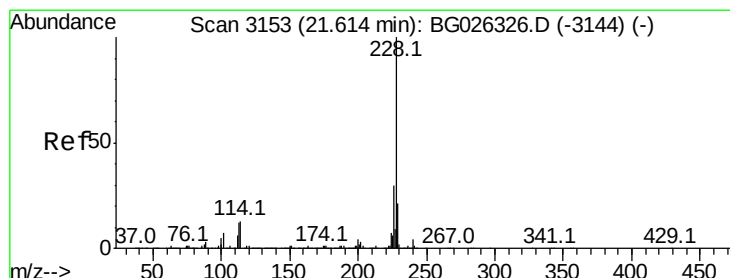
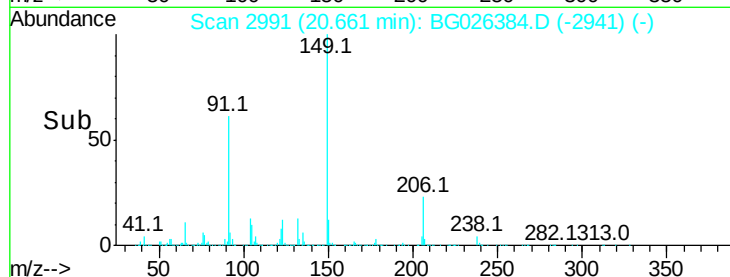
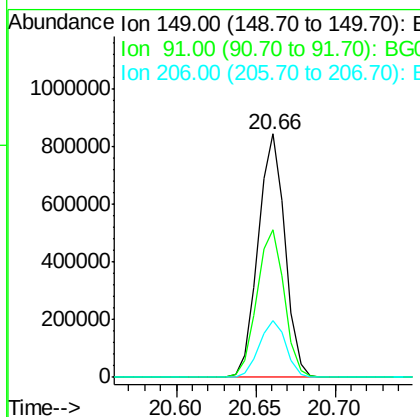
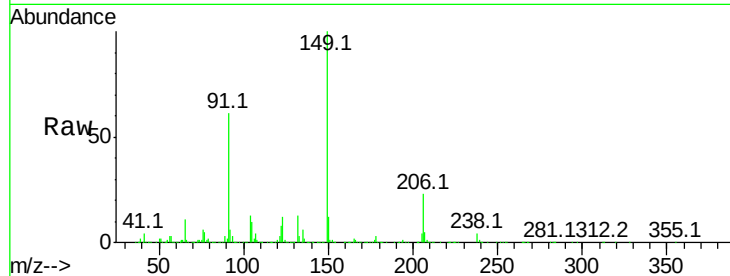
#79
Butylbenzylphthalate
Concen: 50.04 ng
RT: 20.66 min Scan# 2991
Delta R.T. -0.01 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMS

Tot Ion	Ratio	Lower	Upper
149	100		
91	60.7	63.5	95.3#
206	23.3	21.0	31.6

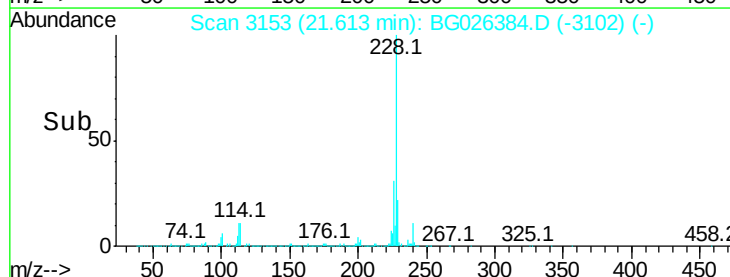
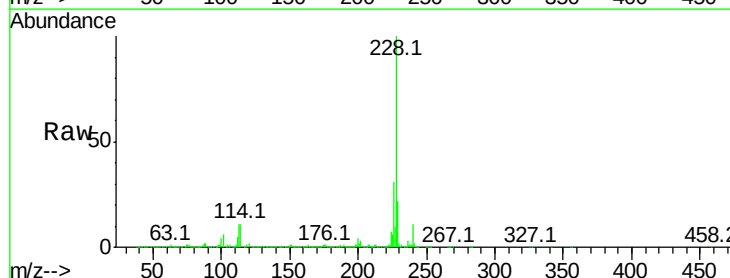
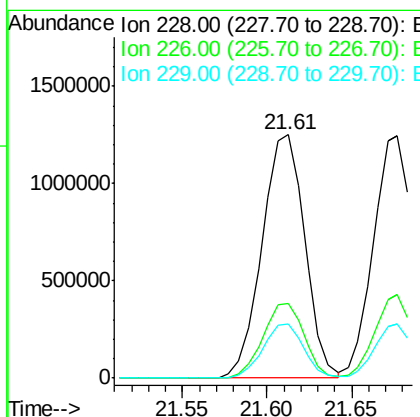
Manual Integrations
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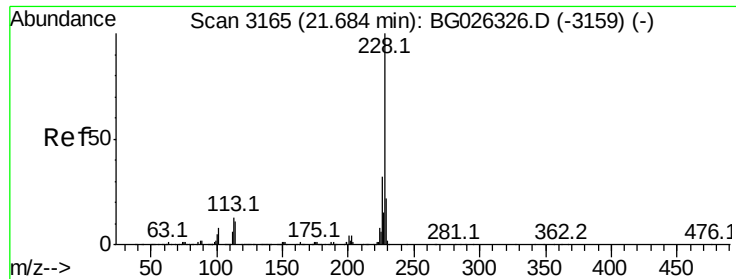
mohammad
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#80
Benzo(a)anthracene
Concen: 45.19 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.00 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

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





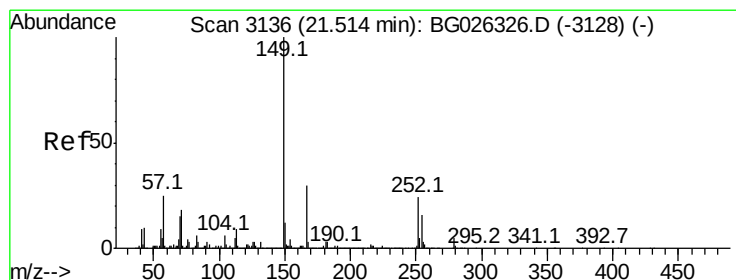
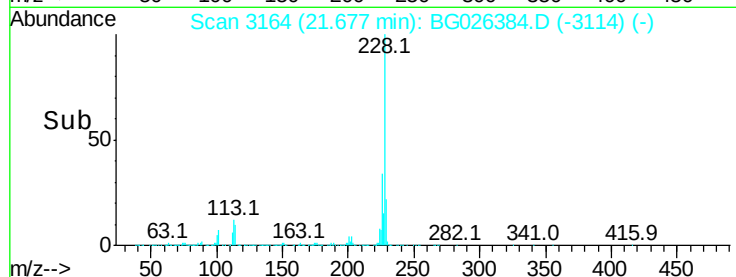
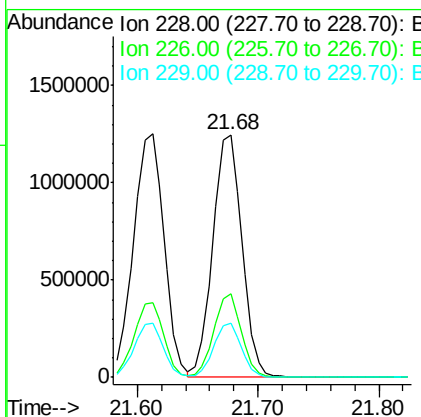
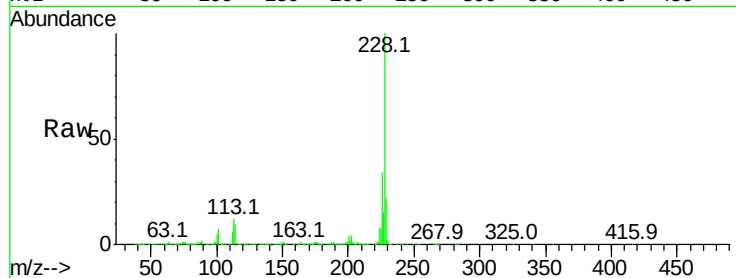
#82
Chrysene
Concen: 44.77 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.01 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMS

Tot Ion:228 Resp: 2067513
Ion Ratio Lower Upper
228 100
226 34.3 27.0 40.4
229 22.4 17.8 26.6

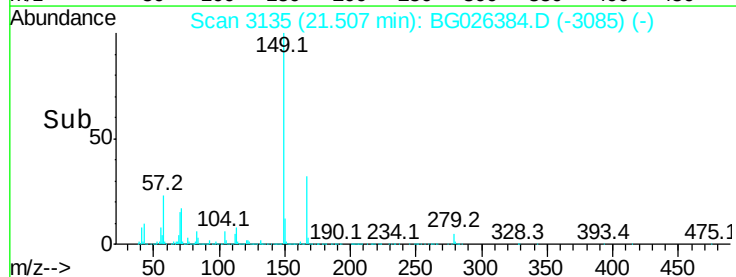
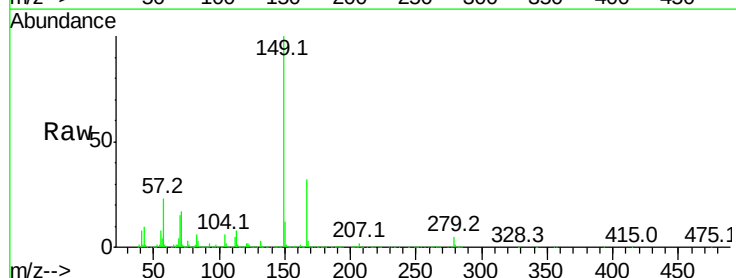
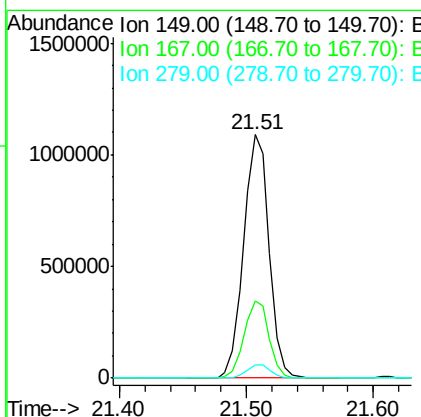
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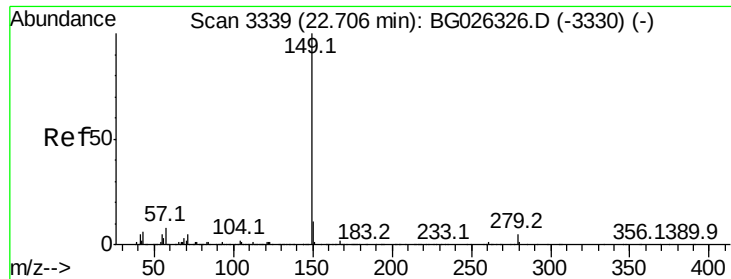
mohammad
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#83
Bis(2-ethylhexyl)phthalate
Concen: 50.28 ng
RT: 21.51 min Scan# 3135
Delta R.T. -0.01 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

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





#84

Di-n-octyl phthalate

Concen: 50.43 ng

RT: 22.70 min Scan# 3338

Delta R.T. -0.01 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

Instrument :

BNA_G

ClientSampleId :

JFC-SOIL-COMPMS

Tot Ion:149 Resp: 2586890

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

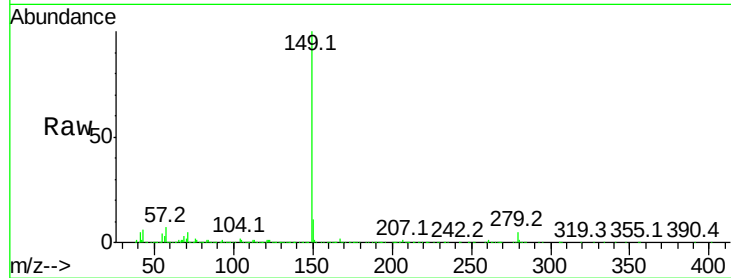
43 5.7 11.8 17.6#

Manual Integrations

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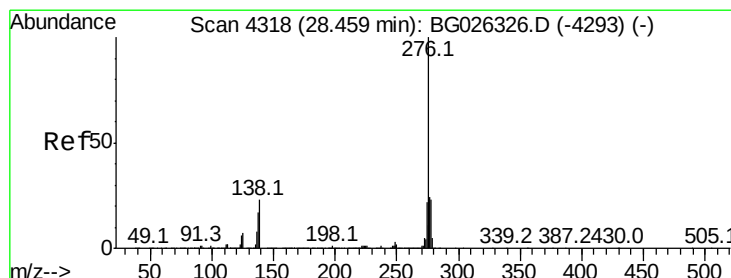
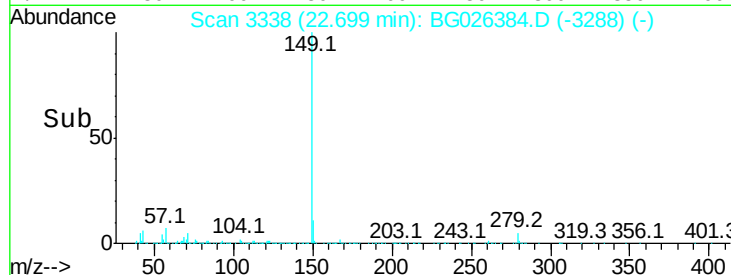
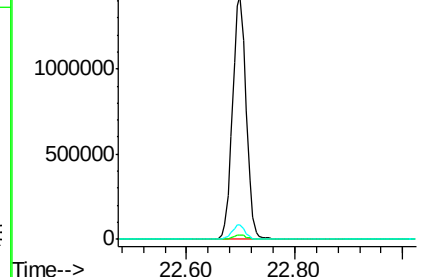
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 22.07 ng

RT: 28.43 min Scan# 4313

Delta R.T. -0.03 min

Lab File: BG026384.D

Acq: 22 Mar 2017 20:38

Tgt Ion:276 Resp: 1258613

Ion Ratio Lower Upper

276 100

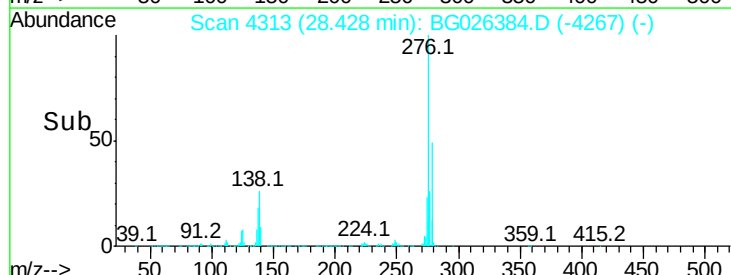
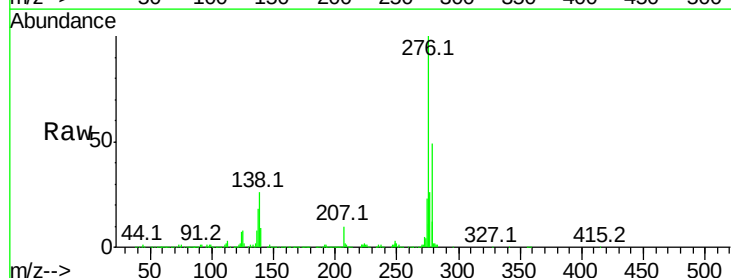
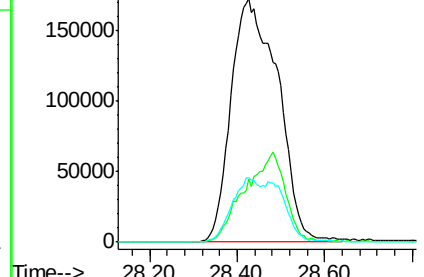
138 0.0 4.7 7.1#

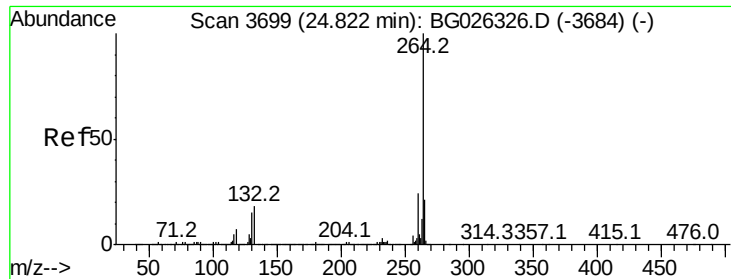
277 15.0 20.6 31.0#

Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





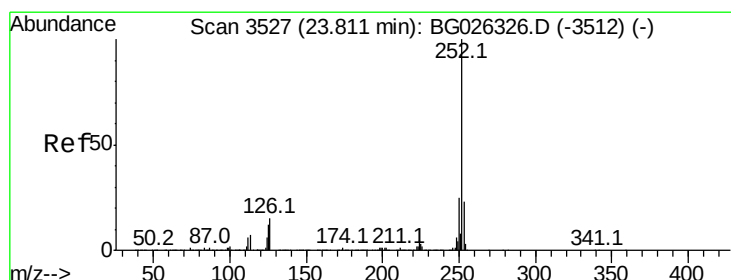
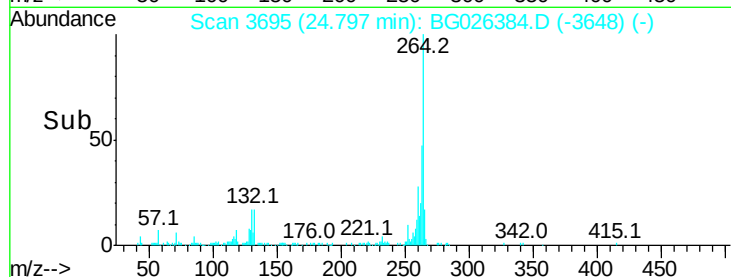
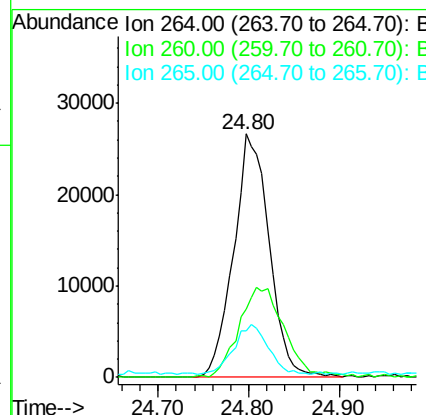
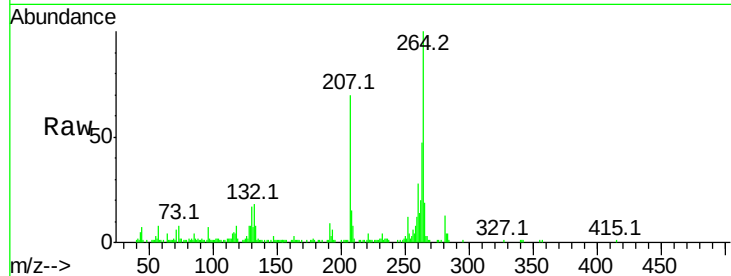
#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.80 min Scan# 3695
Delta R.T. -0.02 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	27.9	21.8	32.8
265	19.2	18.2	27.4

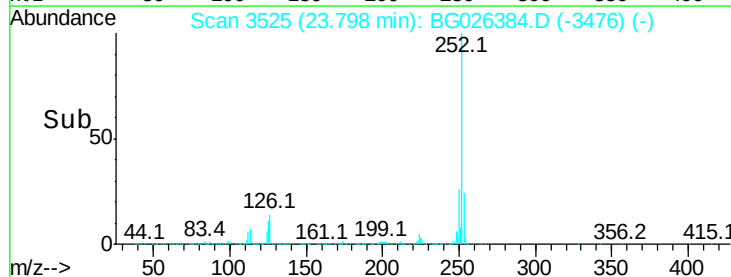
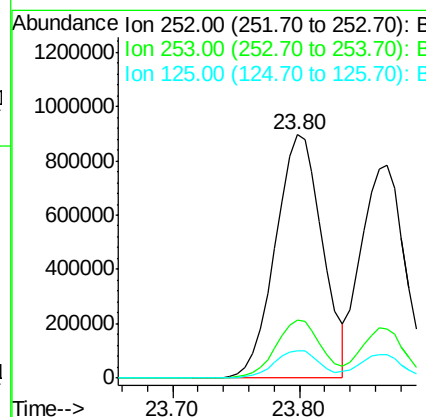
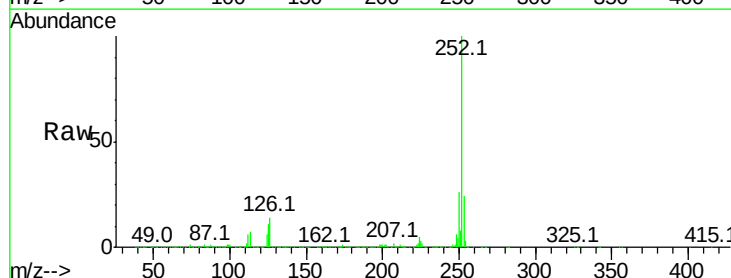
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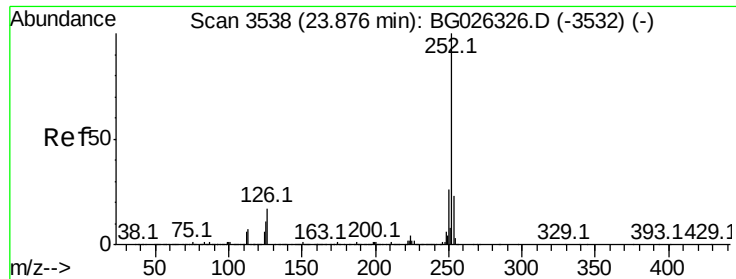
mohammad
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#87
Benzo(b)fluoranthene
Concen: 537.95 ng
RT: 23.80 min Scan# 3525
Delta R.T. -0.01 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

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





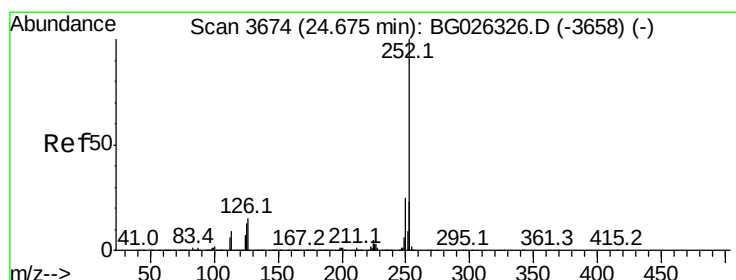
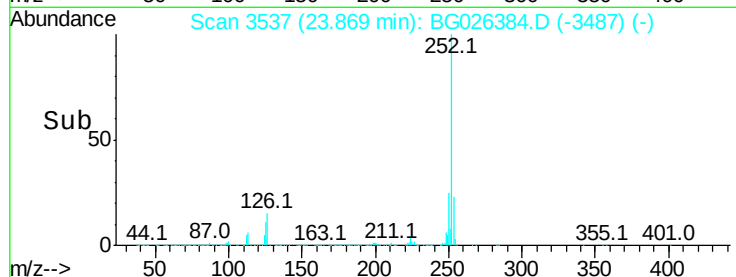
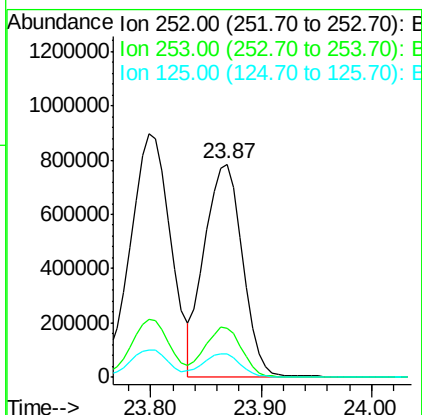
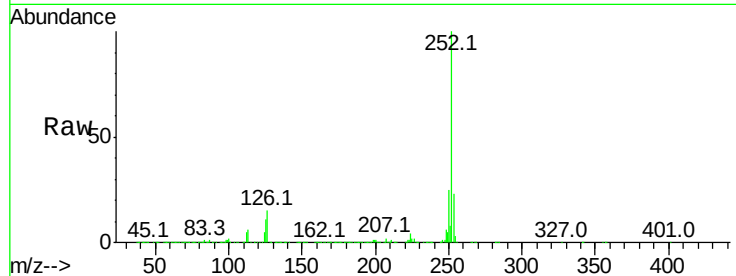
#88
Benzo(k)fluoranthene
Concen: 448.83 ng
RT: 23.87 min Scan# 3537
Delta R.T. -0.01 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMS

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

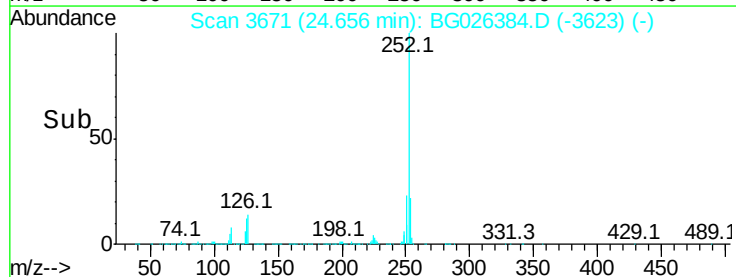
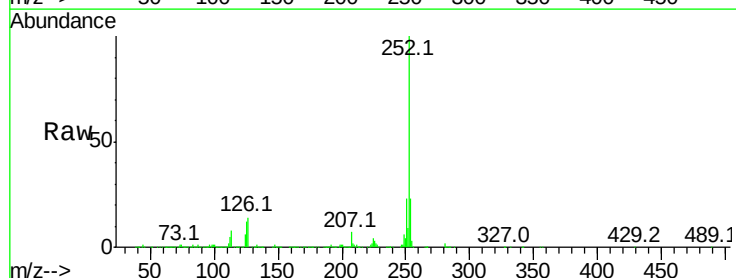
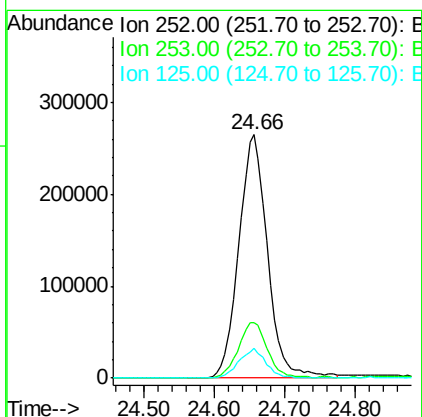
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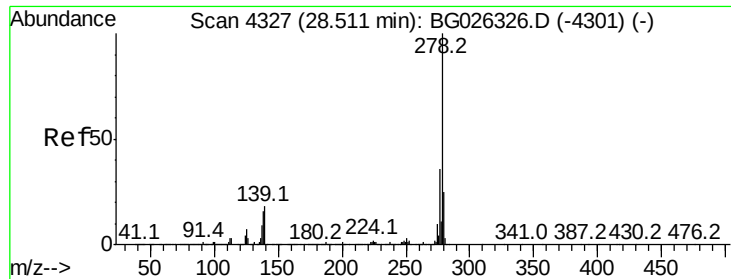
mohammad
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#89
Benzo(a)pyrene
Concen: 180.73 ng
RT: 24.66 min Scan# 3671
Delta R.T. -0.02 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	19.2	28.8
125	12.1	5.4	8.0#





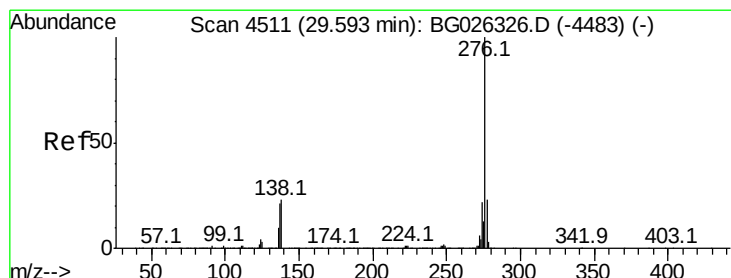
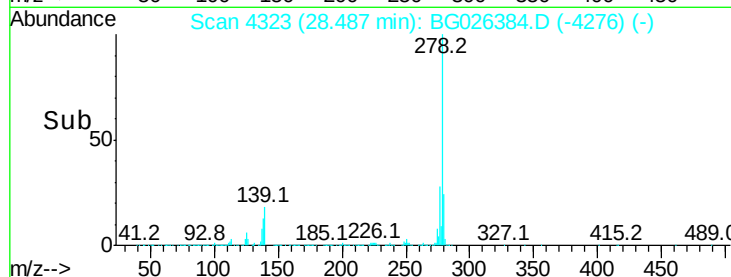
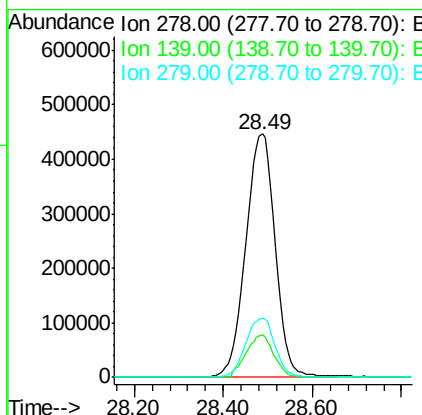
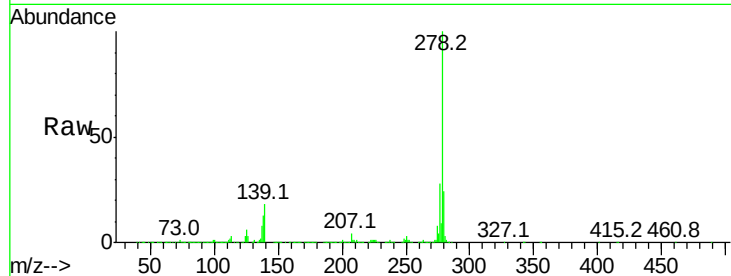
#90
Dibenzo(a,h)anthracene
Concen: 485.50 ng
RT: 28.49 min Scan# 4323
Delta R.T. -0.02 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMS

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

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 179.58 ng
RT: 29.56 min Scan# 4506
Delta R.T. -0.03 min
Lab File: BG026384.D
Acq: 22 Mar 2017 20:38

Tgt Ion:276 Resp: 752955
Ion Ratio Lower Upper
276 100
277 23.9 18.6 27.8
138 21.4 8.1 12.1#

