

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 :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JFC-SOIL-COMPMSD

Manual Integrations
 APPROVED

mohammad
 3/23/2017 2:07:11 PM

Quant Time: Mar 23 01:38:58 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	138271m	41.34	ng	#
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

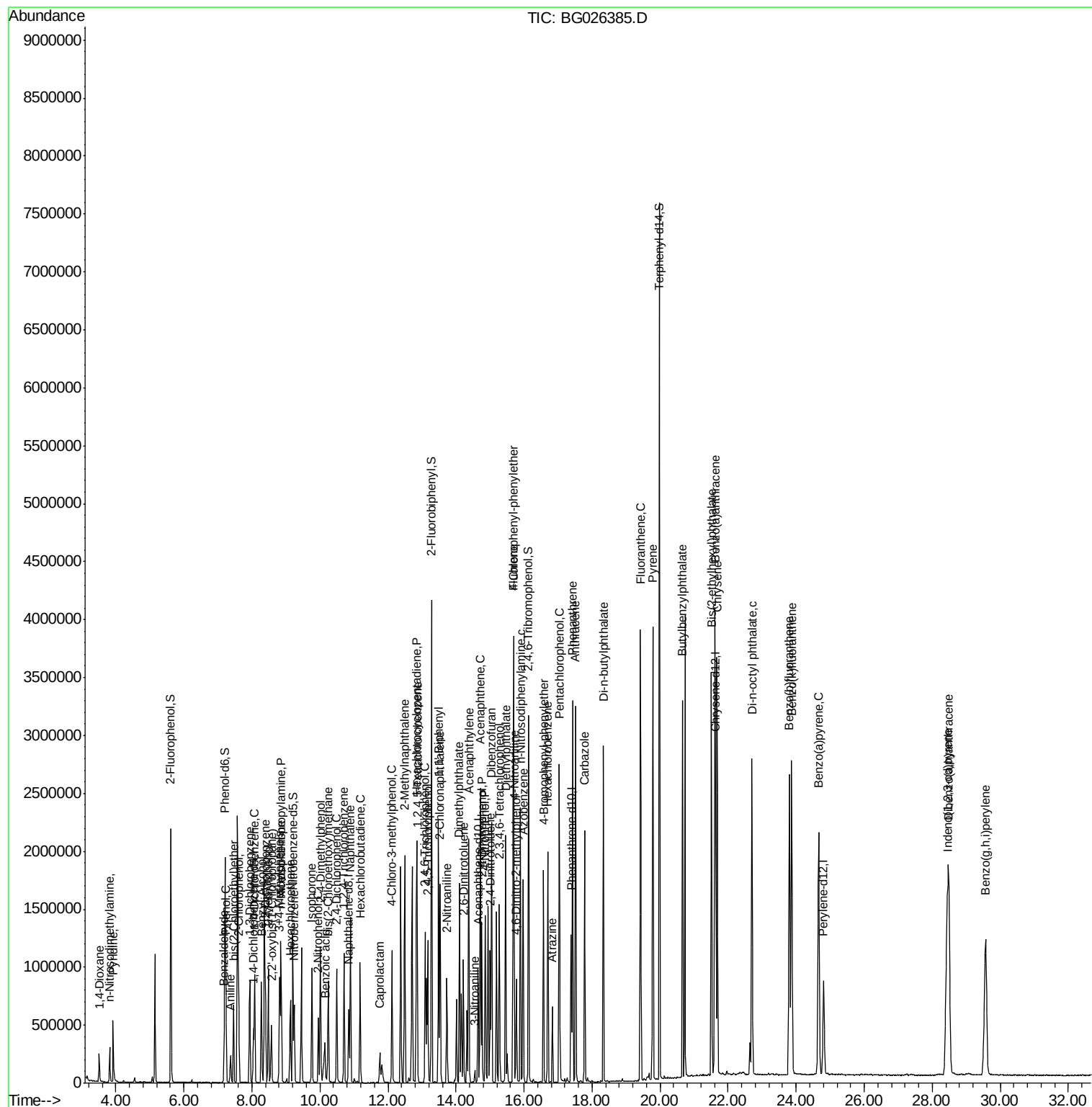
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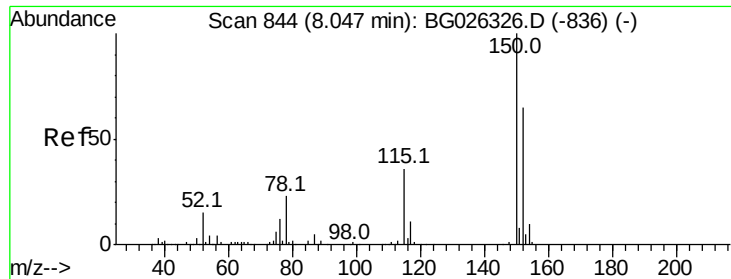
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#1

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

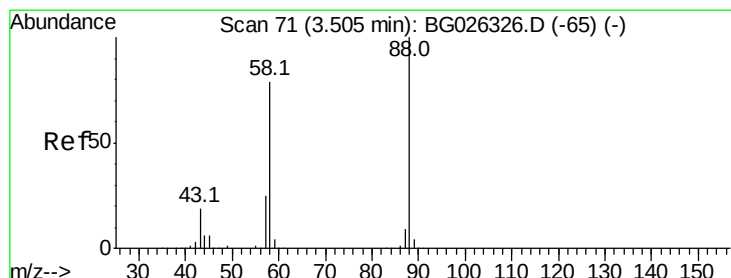
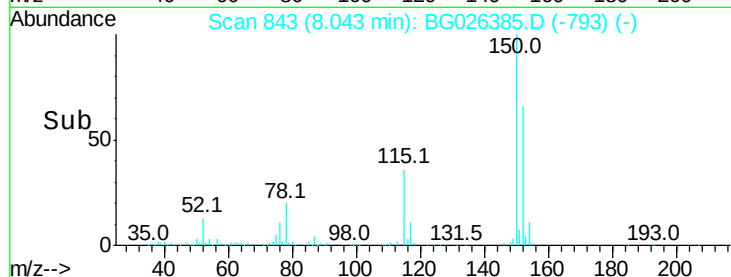
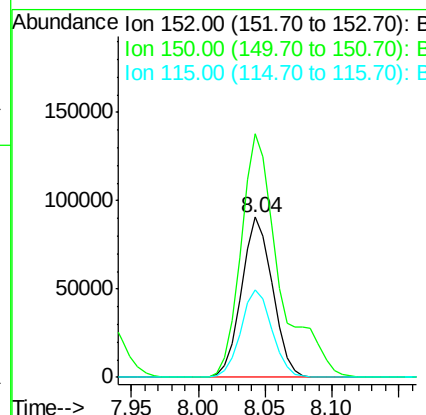
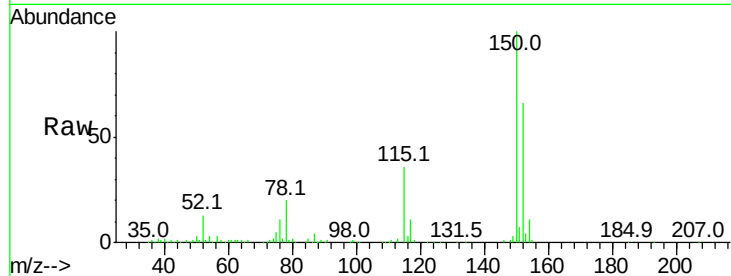
ClientSampleId :

JFC-SOIL-COMPMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.4	114.0	171.0
115	54.9	48.1	72.1

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#2

1,4-Dioxane

Concen: 35.56 ng

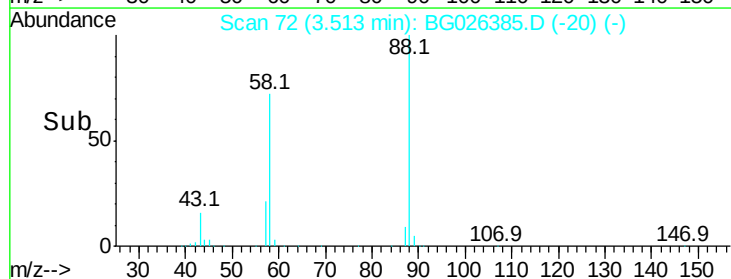
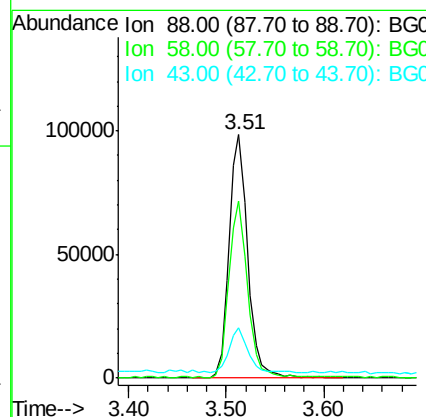
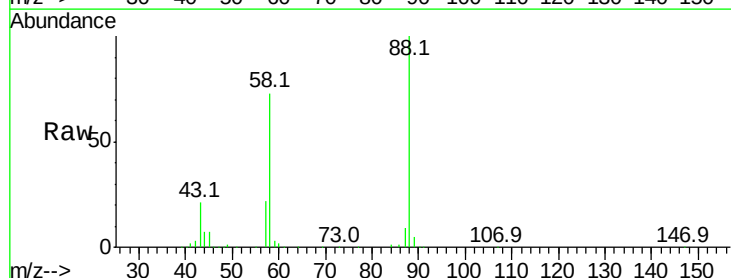
RT: 3.51 min Scan# 72

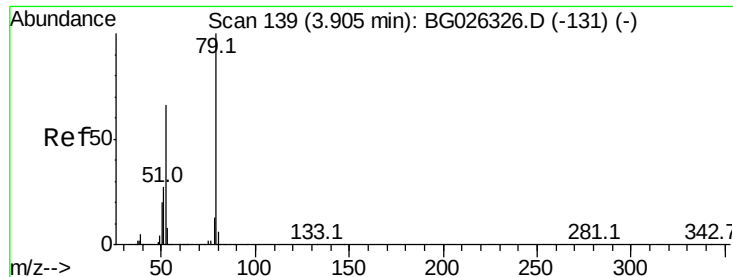
Delta R.T. 0.01 min

Lab File: BG026385.D

Acq: 22 Mar 2017 21:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.2	79.4	119.2#
43	18.2	33.8	50.6#





#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 :

BNA_G

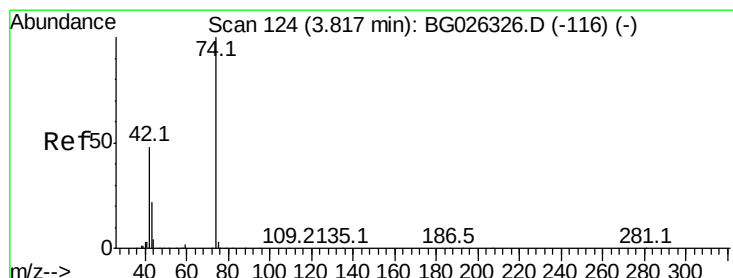
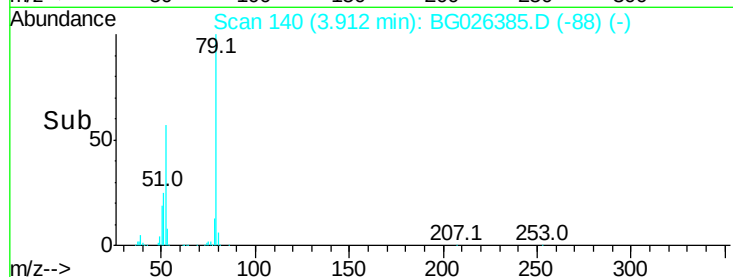
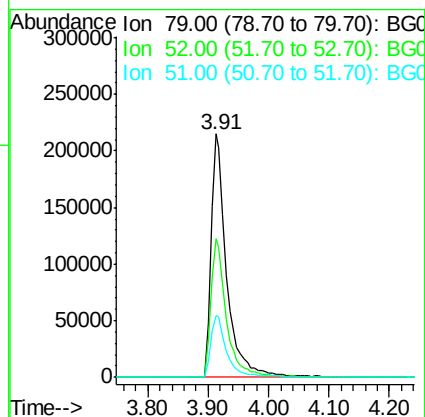
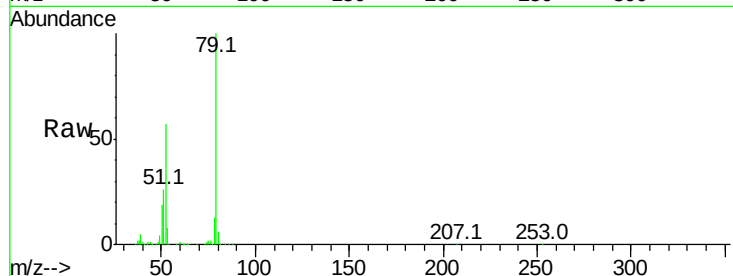
ClientSampleId :

JFC-SOIL-COMPMSD

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#

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#4

n-Nitrosodimethylamine

Concen: 38.95 ng

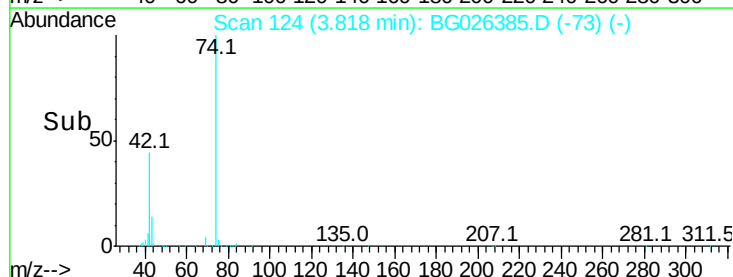
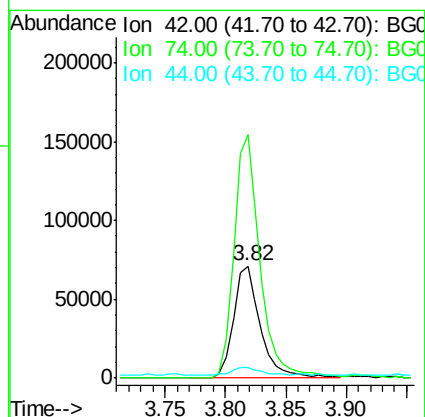
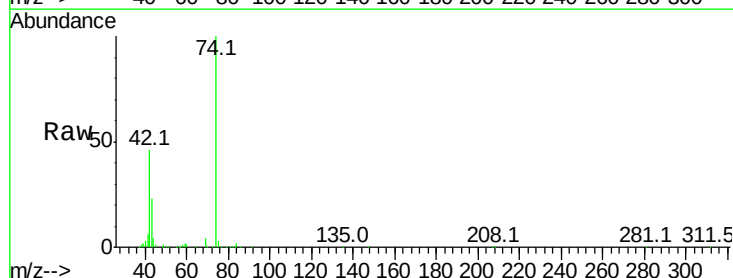
RT: 3.82 min Scan# 124

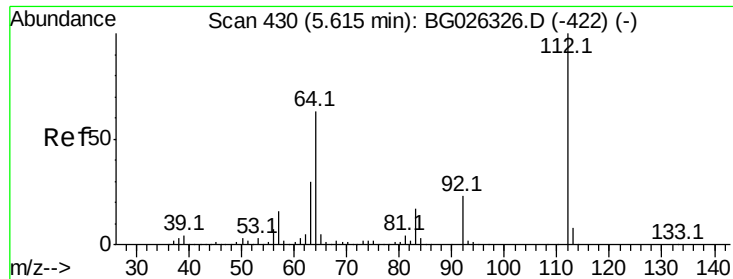
Delta R.T. 0.00 min

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

ClientSampleId :

JFC-SOIL-COMPMSD

Tot Ion:112 Resp: 1127805

Ion Ratio Lower Upper

112 100

64 56.6 61.8 92.6#

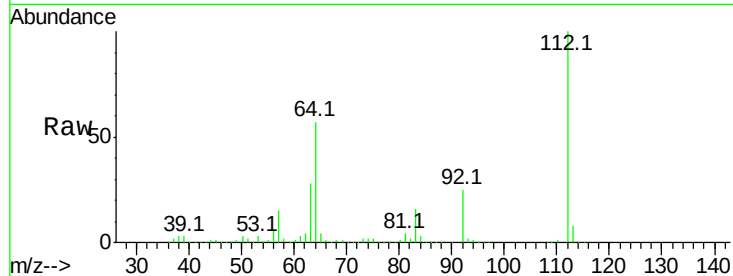
63 28.5 37.2 55.8#

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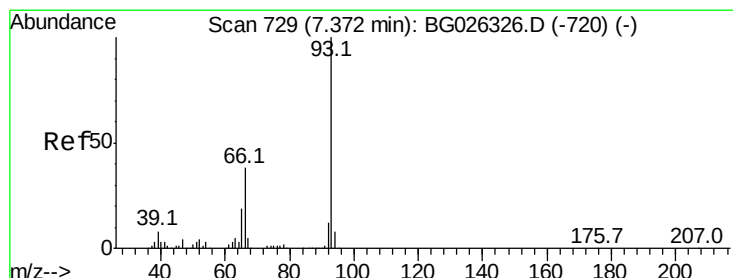
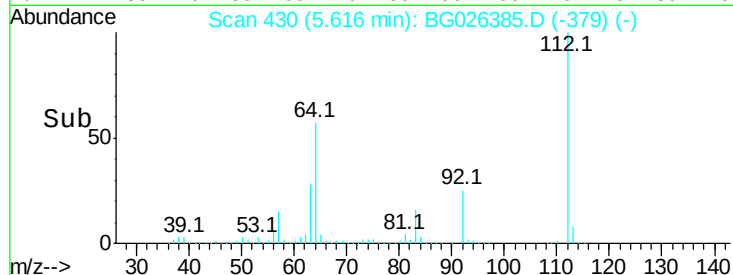
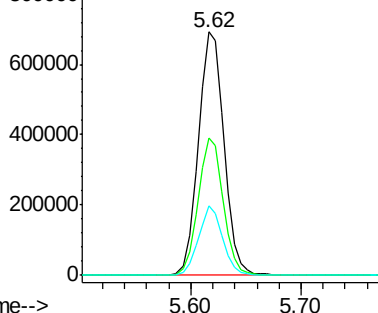
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Abundance Ion 112.00 (111.70 to 112.70): BGC

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

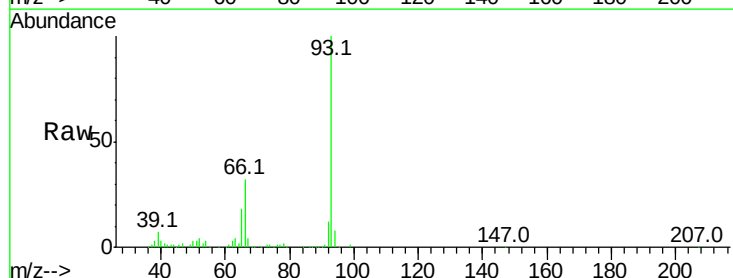
Tgt Ion: 93 Resp: 189681

Ion Ratio Lower Upper

93 100

66 32.4 35.4 53.2#

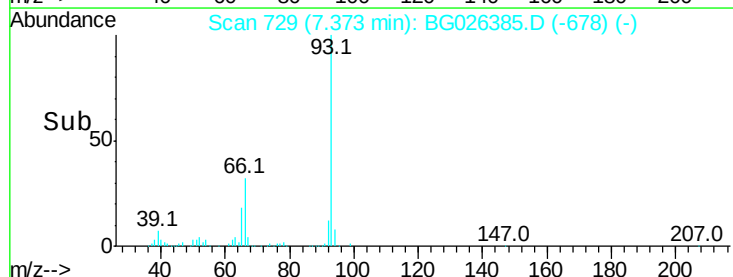
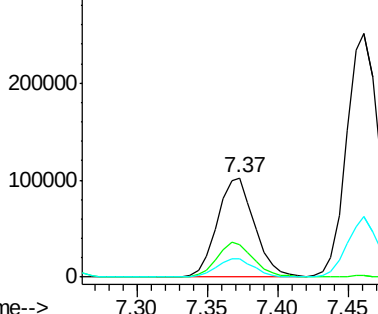
65 18.3 21.2 31.8#

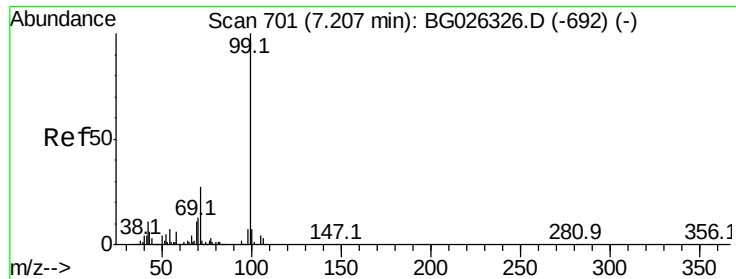


Abundance Ion 93.00 (92.70 to 93.70): BGC

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

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JFC-SOIL-COMPMSD

Tot Ion: 99 Resp: 1414180

Ion Ratio Lower Upper

99 100

42 10.4 20.5 30.7#

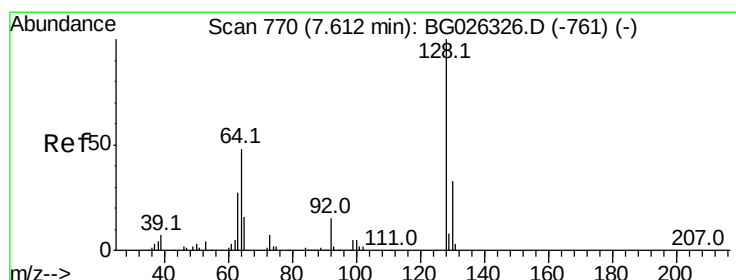
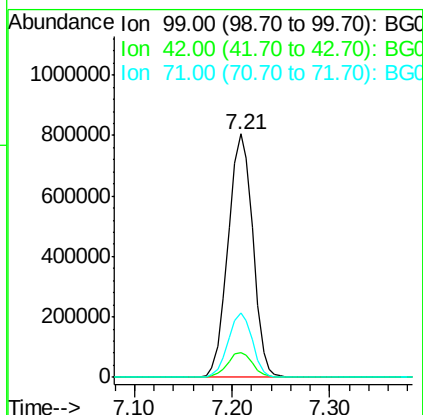
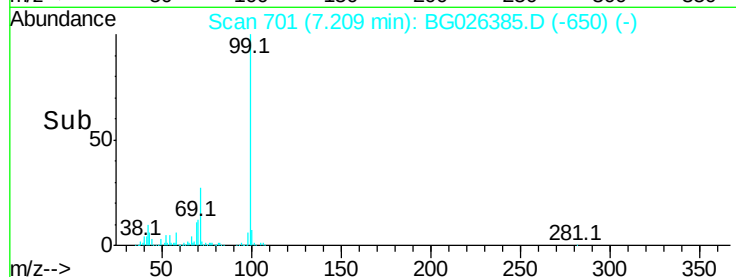
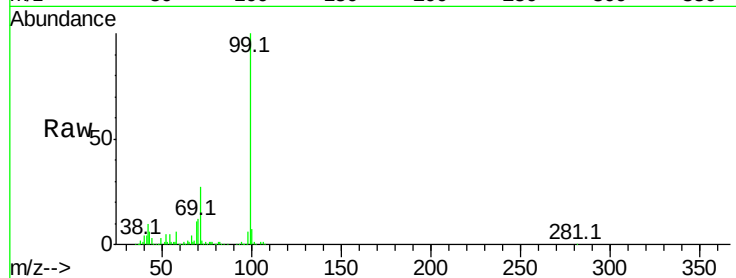
71 26.6 37.6 56.4#

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#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

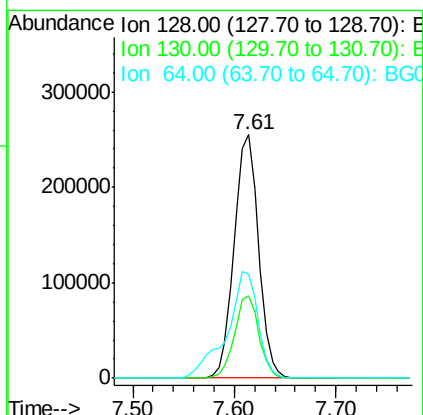
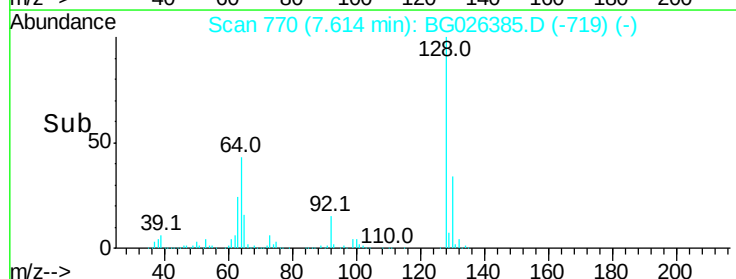
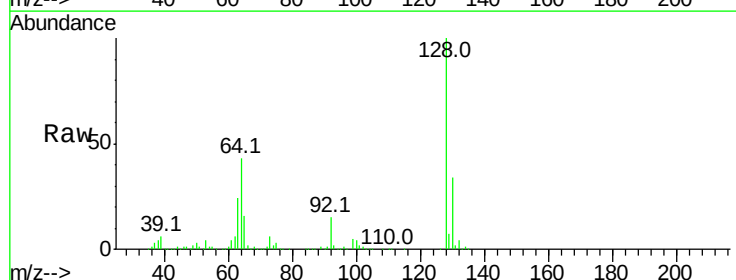
Tgt Ion: 128 Resp: 427550

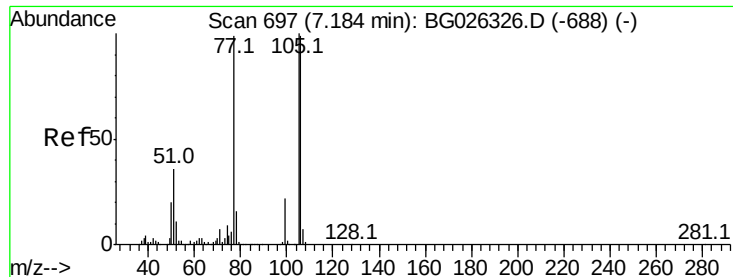
Ion Ratio Lower Upper

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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Instrument :

BNA_G

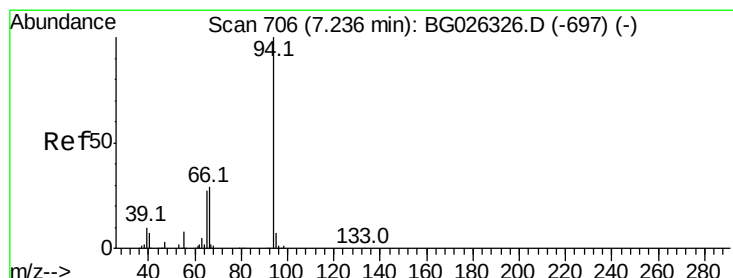
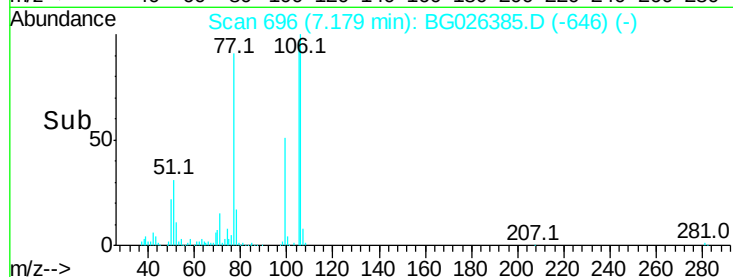
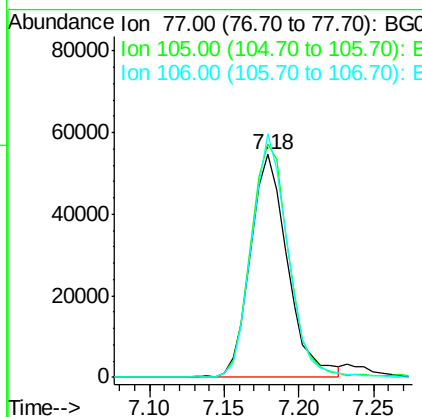
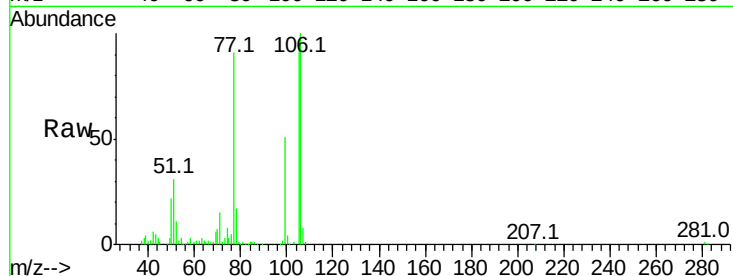
ClientSampleId :

JFC-SOIL-COMPMSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	105.0	60.9	100.9#
106	109.3	55.1	95.1#

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#10

Phenol

Concen: 41.24 ng

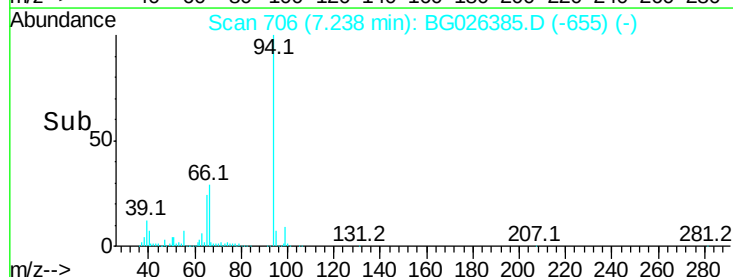
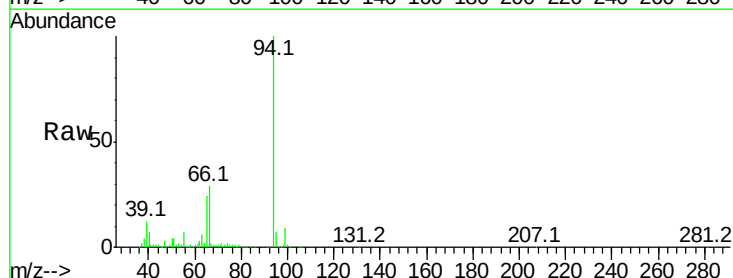
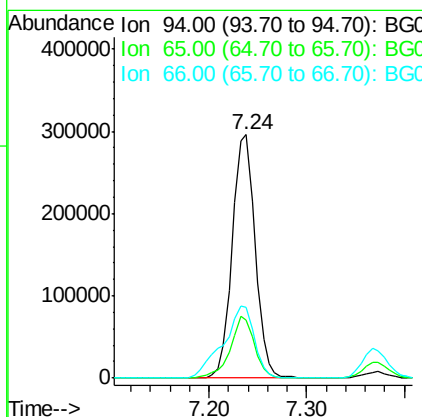
RT: 7.24 min Scan# 706

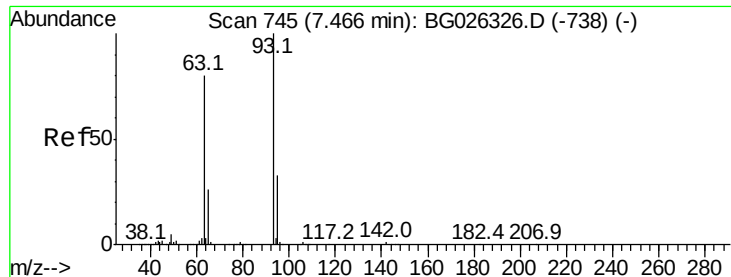
Delta R.T. 0.00 min

Lab File: BG026385.D

Acq: 22 Mar 2017 21:17

Tgt Ion	Ratio	Lower	Upper
94	100		
65	24.0	20.6	60.6
66	29.0	35.5	75.5#





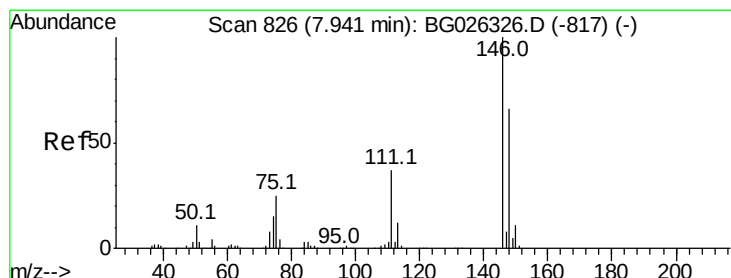
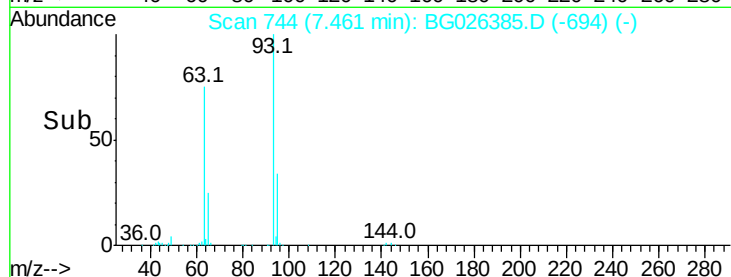
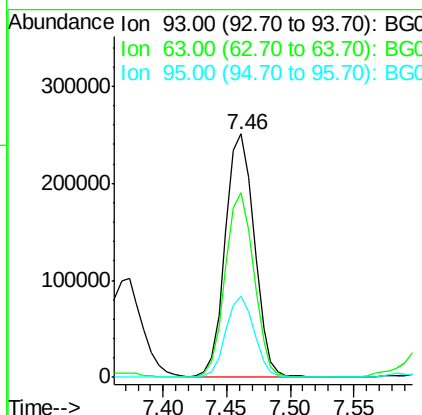
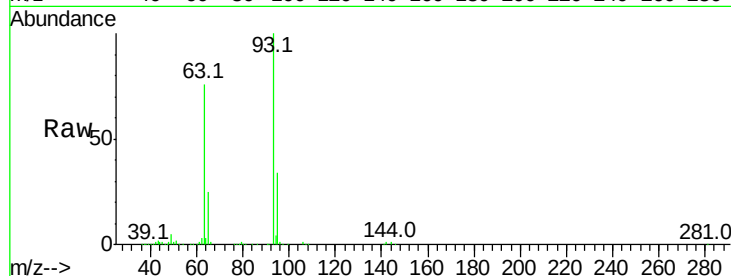
#11
bis(2-Chloroethyl)ether
Concen: 41.48 ng
RT: 7.46 min Scan# 744
Delta R.T. -0.00 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.8	78.5	118.5#
95	33.5	9.8	49.8

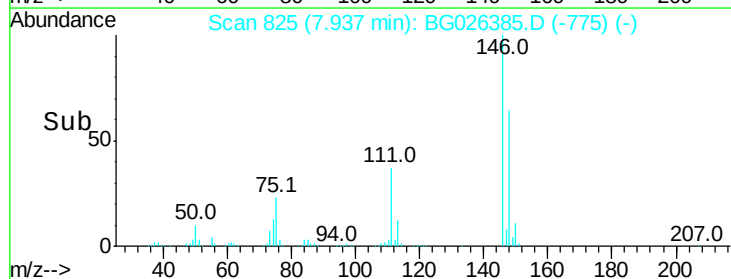
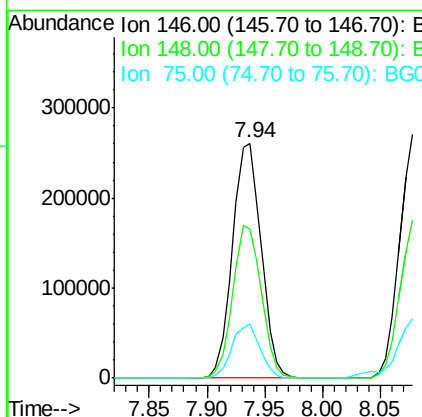
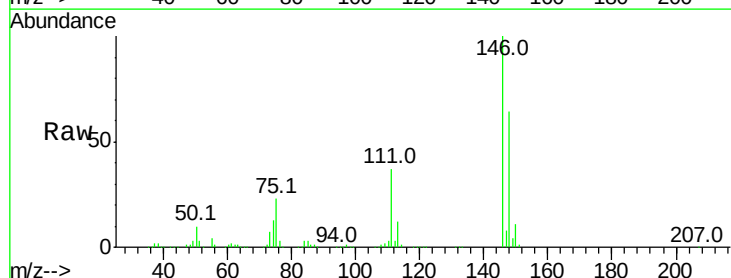
Manual Integrations
APPROVED

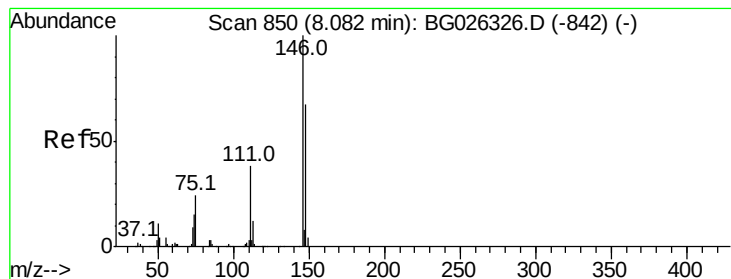
mohammad
3/23/2017 2:07:11 PM



#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	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

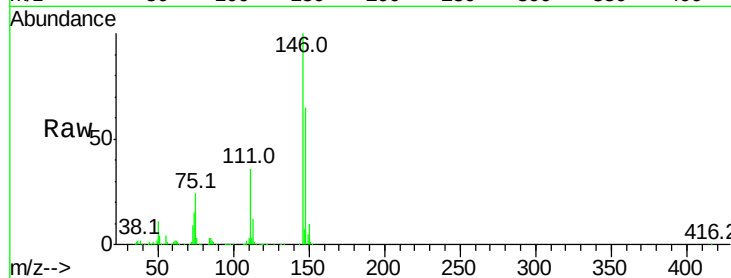
ClientSampleId :

JFC-SOIL-COMPMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.2	78.2
111	35.9	37.0	55.6

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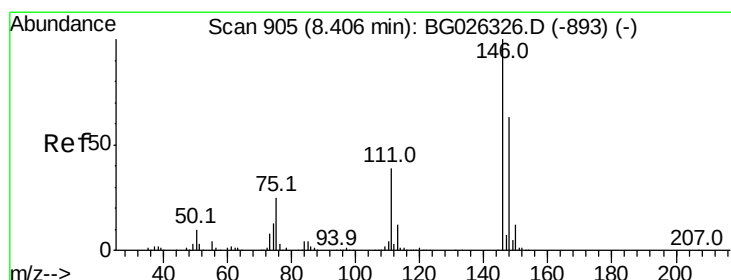
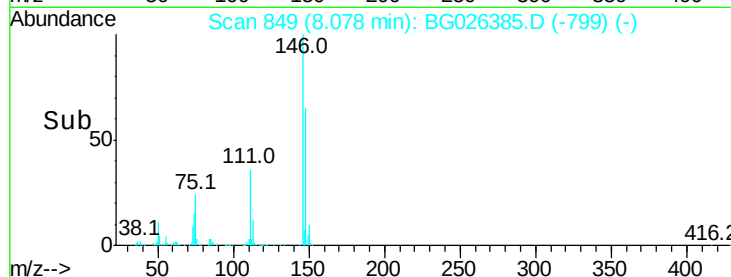
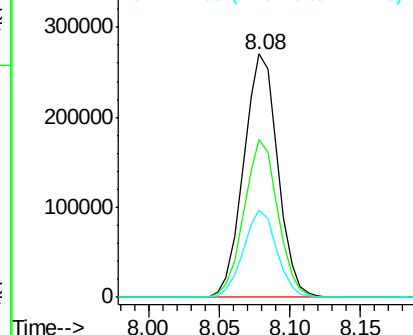


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.50 ng

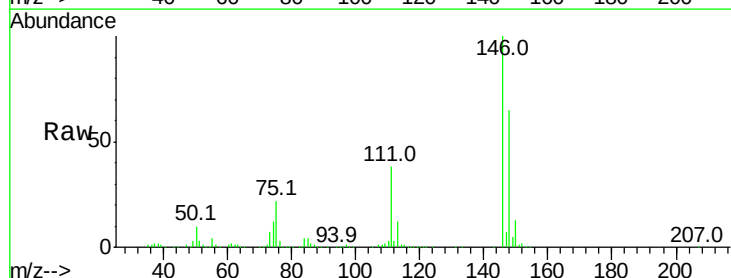
RT: 8.40 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG026385.D

Acq: 22 Mar 2017 21:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	54.6	81.8
111	38.3	39.7	59.5

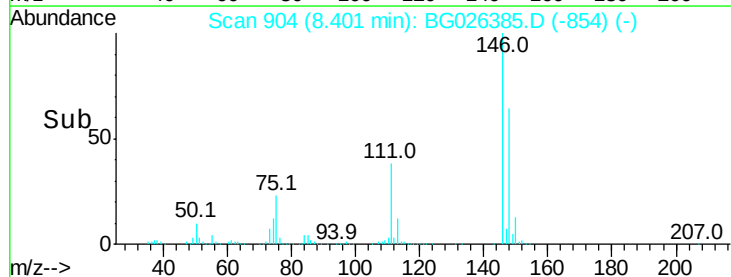
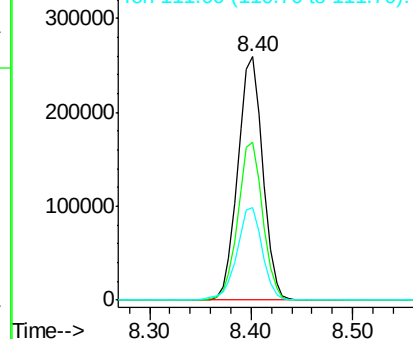


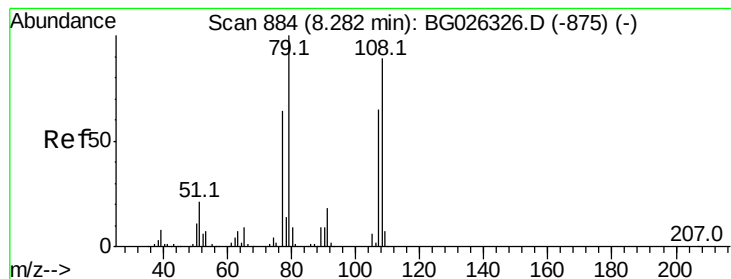
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 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

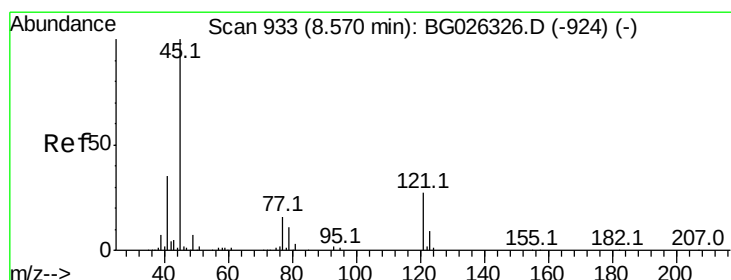
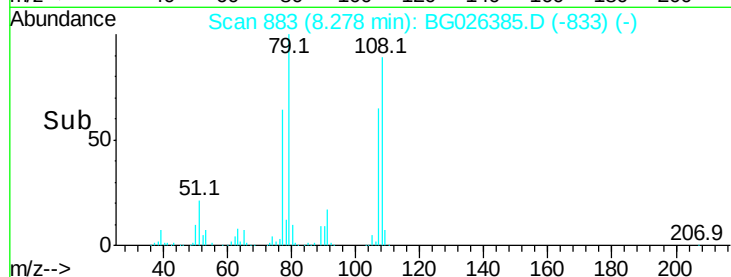
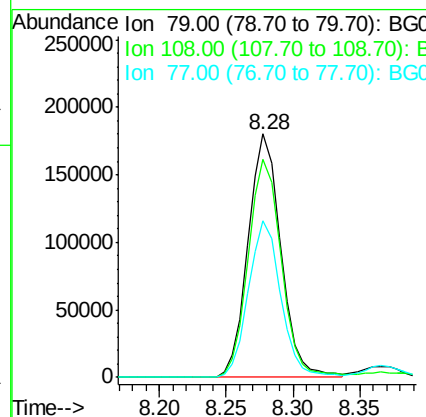
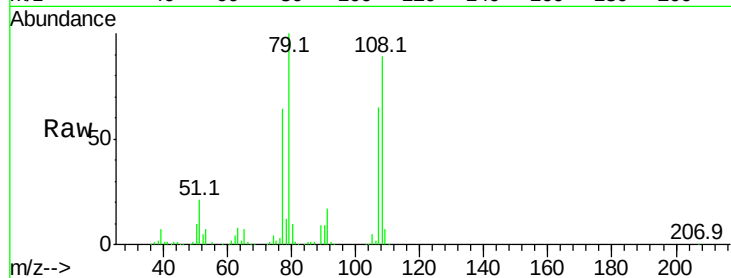
79 100

108 89.4 45.5 68.3#

77 64.2 54.3 81.5

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#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

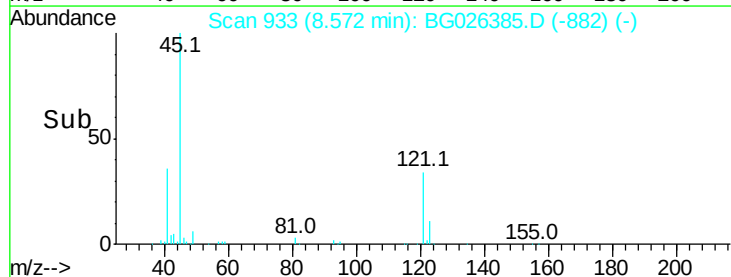
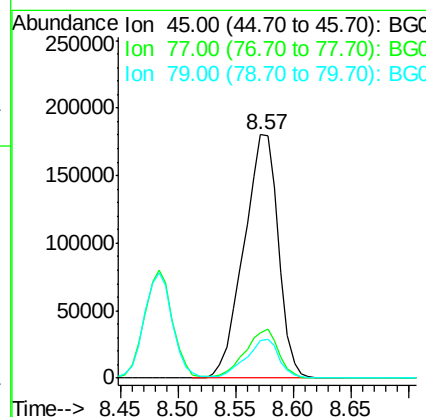
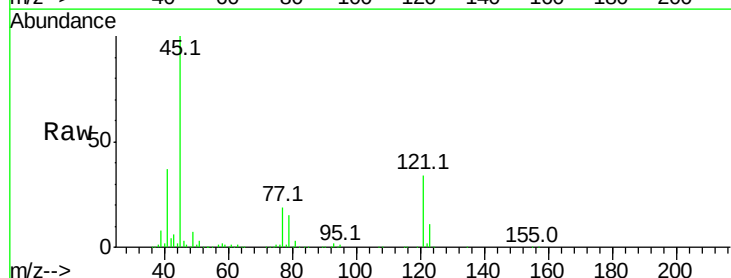
Tgt Ion: 45 Resp: 372085

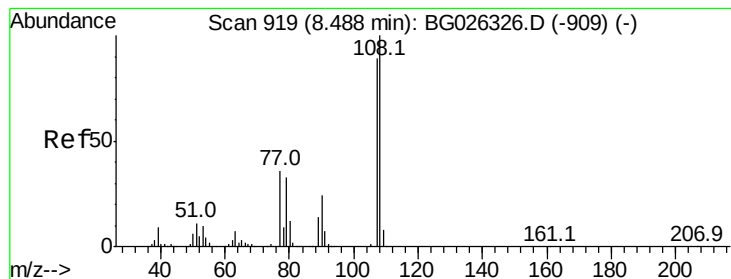
Ion Ratio Lower Upper

45 100

77 18.6 0.0 30.6

79 15.4 0.0 28.5





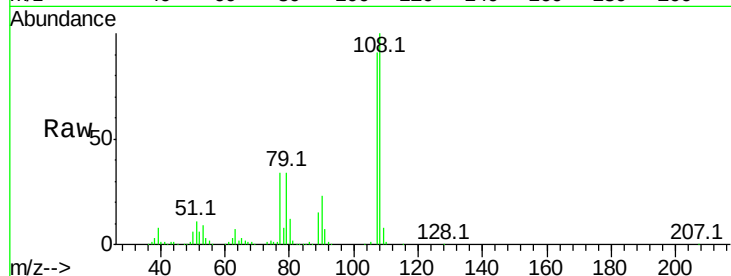
#17
2-Methylphenol
Concen: 43.82 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.00 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMSD

Tot Ion	Ratio	Resp	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#	

Manual Integrations
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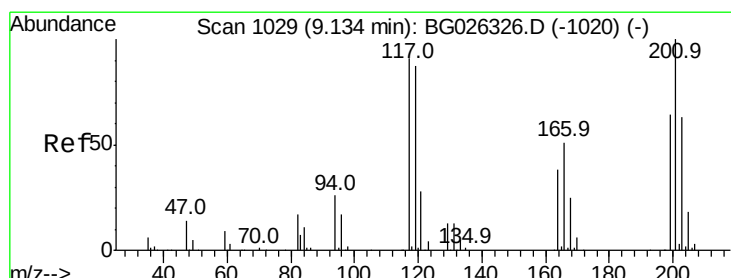
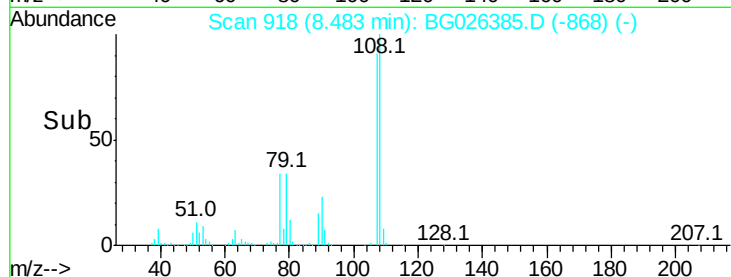
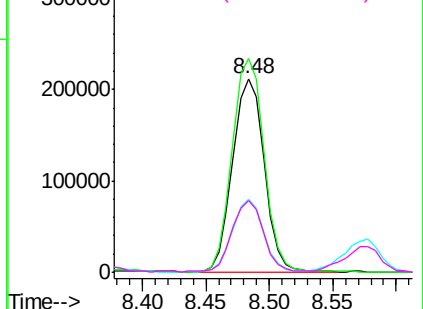
Abundance

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: 39.26 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

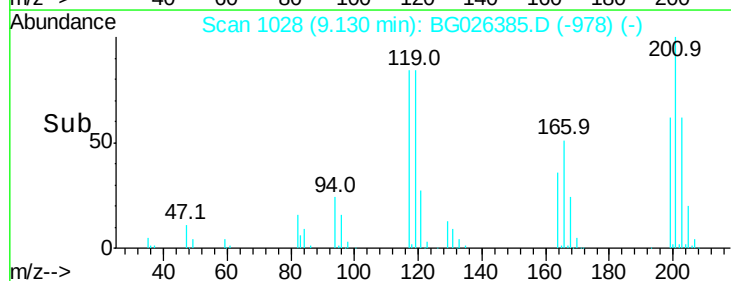
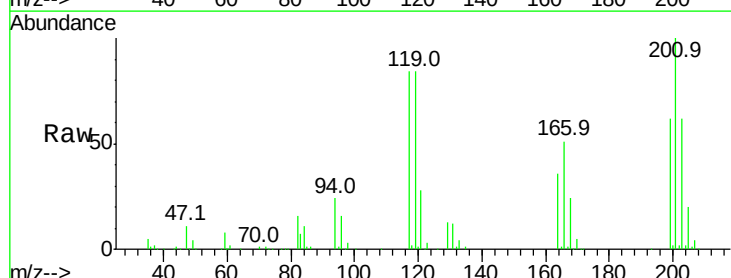
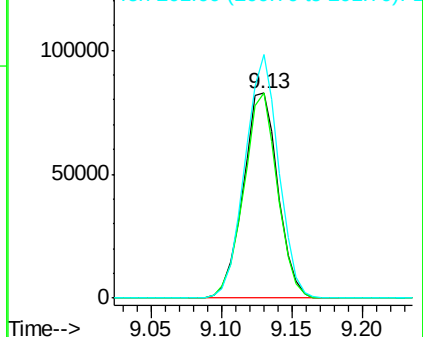
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	100.3	69.8	104.6	
201	118.8	95.4	143.0	

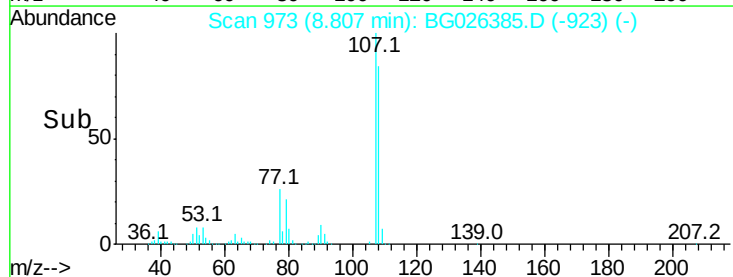
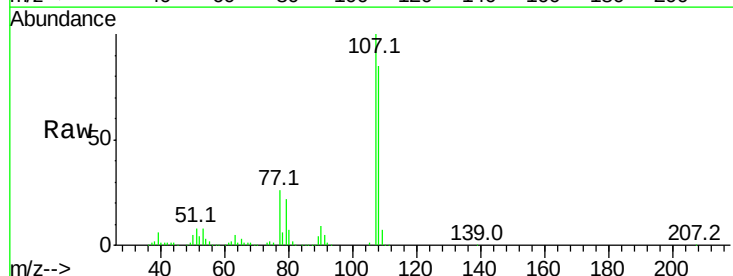
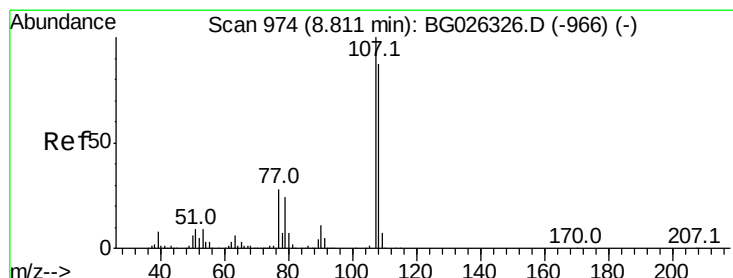
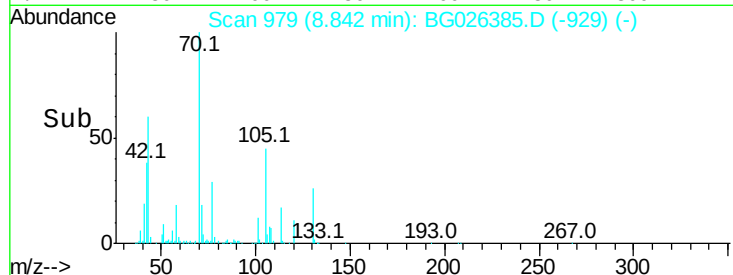
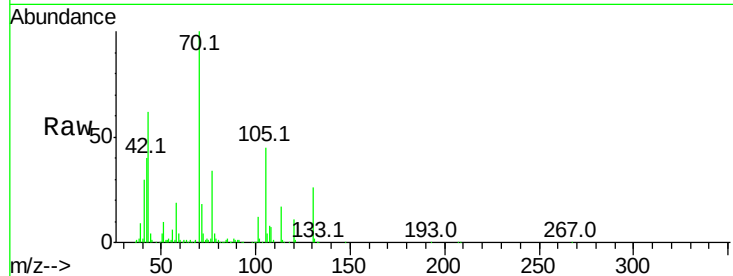
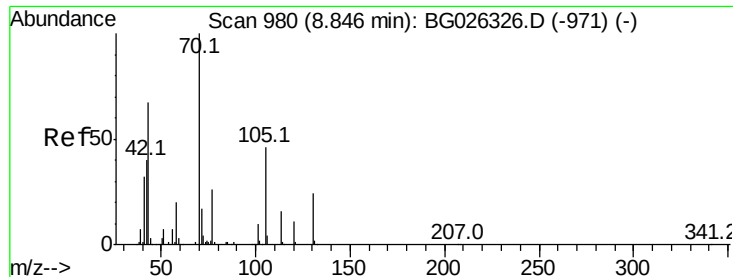
Abundance

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





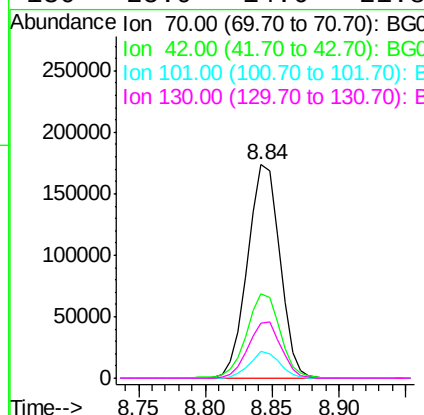
#19
n-Nitroso-di-n-propylamine
Concen: 40.98 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.00 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMSD

Tot Ion	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#

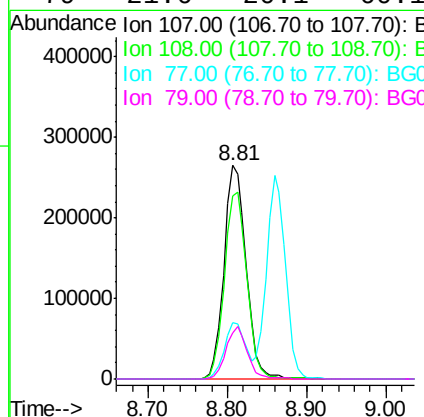
Manual Integrations
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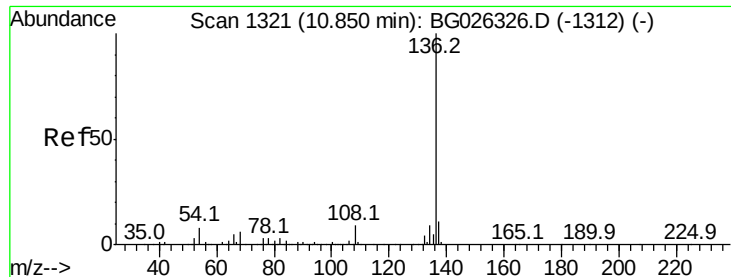
mohammad
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#20
3+4-Methylphenols
Concen: 44.51 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.00 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

Tgt Ion	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





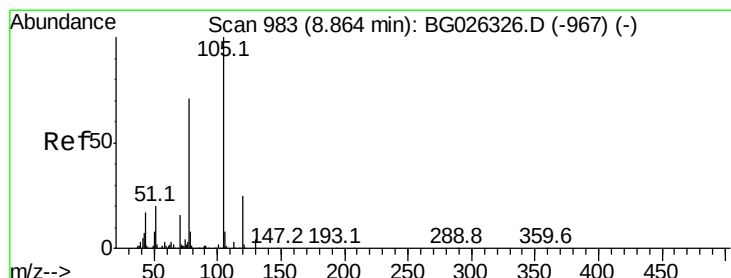
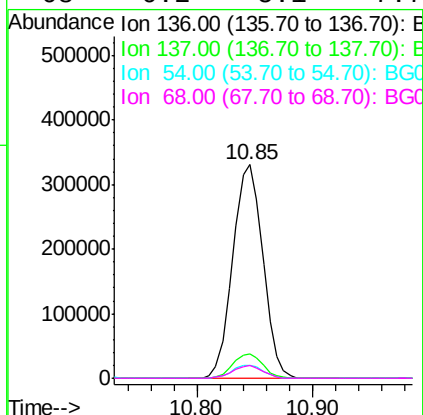
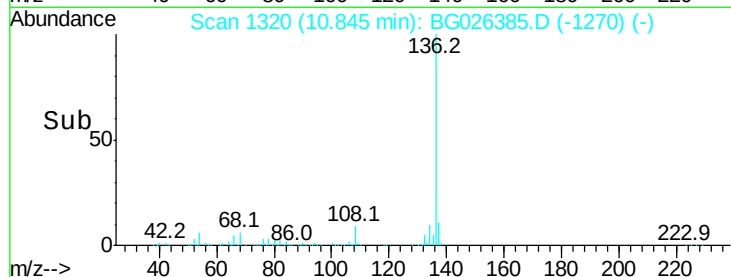
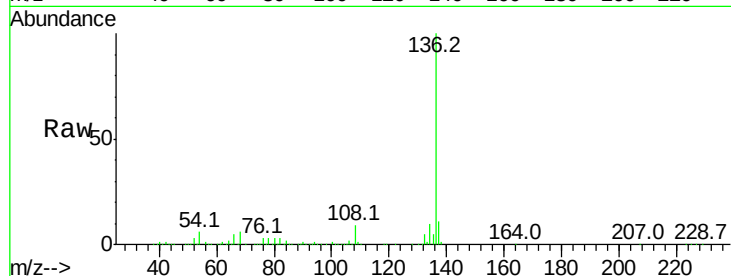
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMSD

Tot Ion	Ratio	Resp	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	

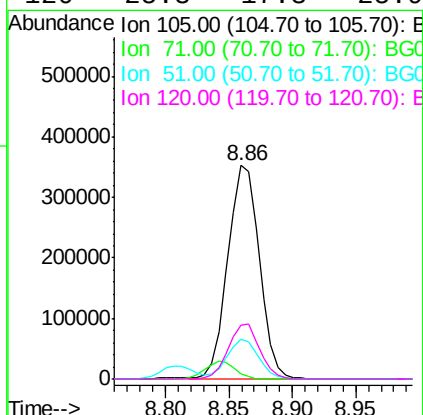
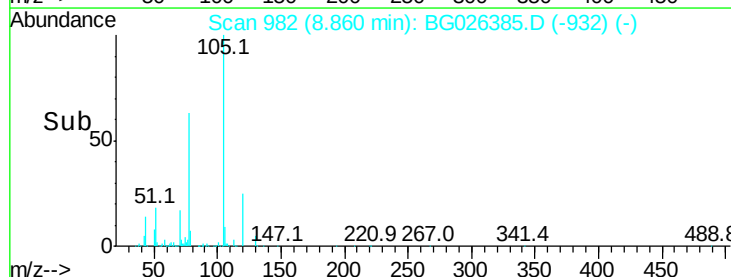
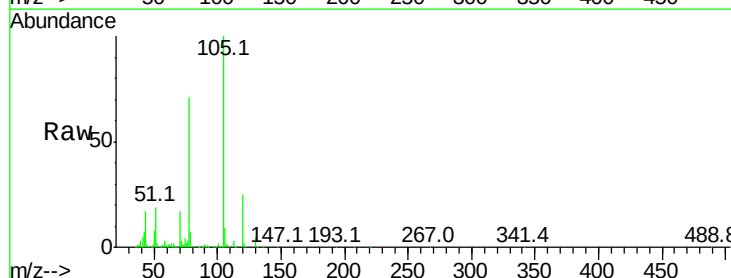
Manual Integrations
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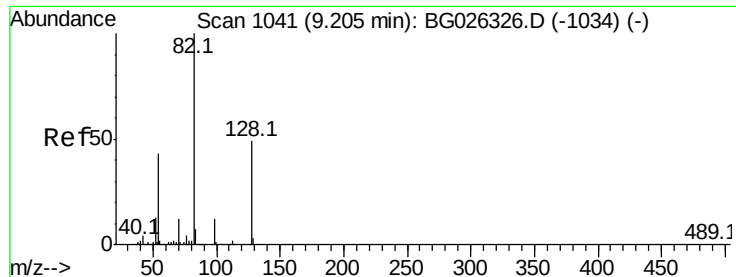
mohammad
3/23/2017 2:07:11 PM



#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	Ratio	Resp	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	





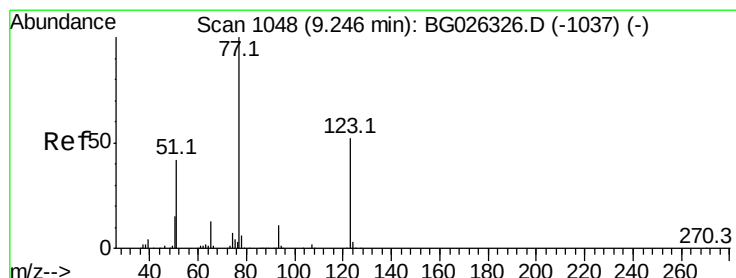
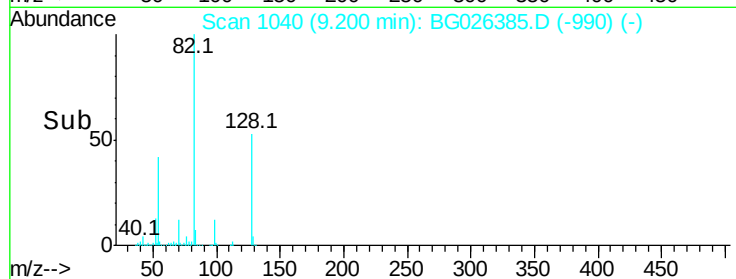
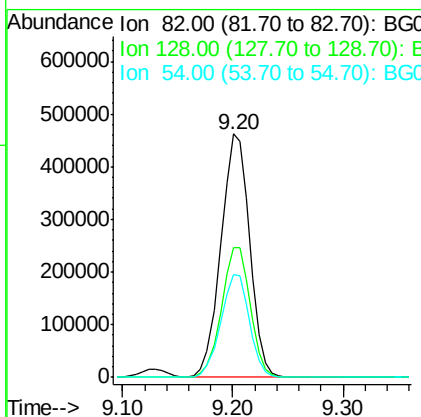
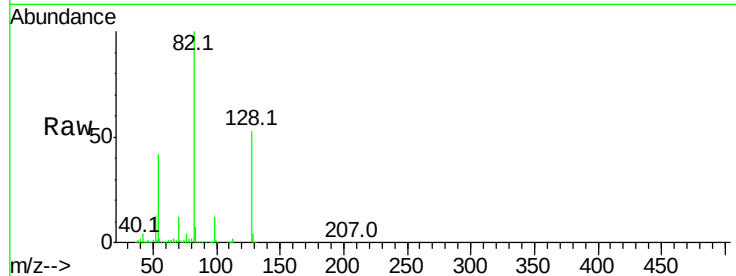
#23
 Nitrobenzene-d5
 Concen: 84.36 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG026385.D
 Acq: 22 Mar 2017 21:17

Instrument :
 BNA_G
 ClientSampleId :
 JFC-SOIL-COMPMSD

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

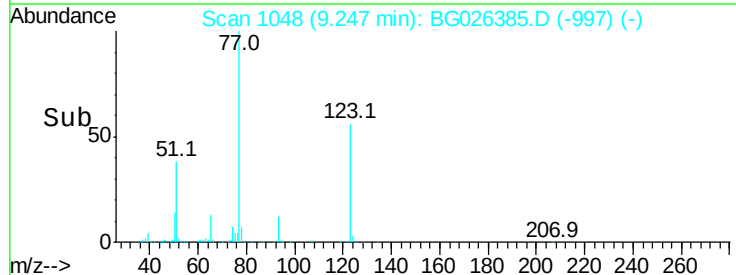
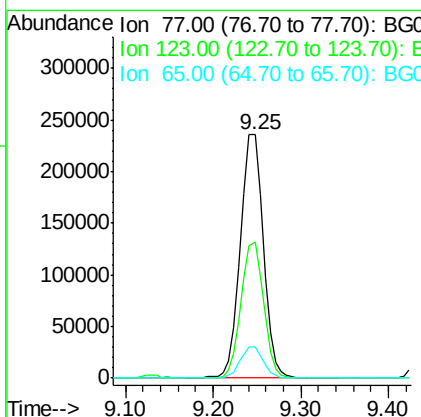
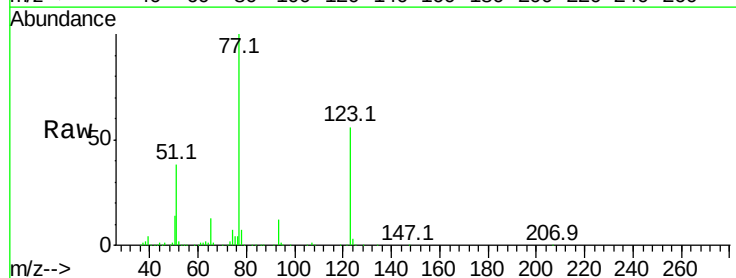
Manual Integrations
 APPROVED

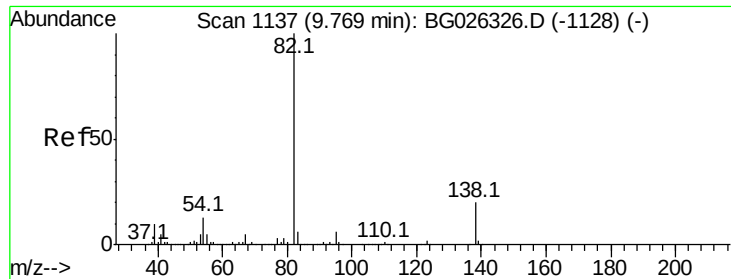
mohammad
 3/23/2017 2:07:11 PM



#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	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

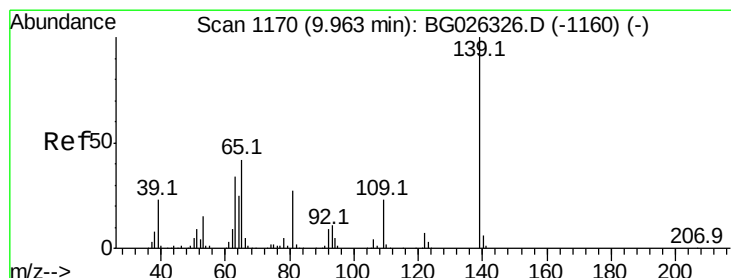
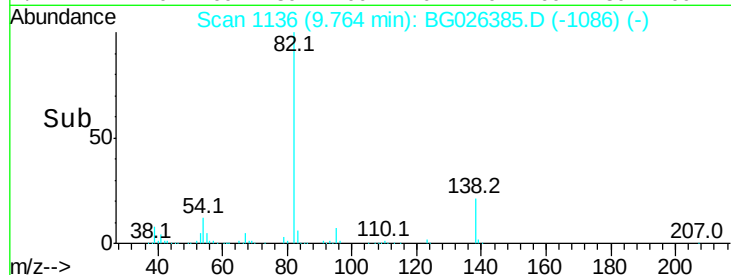
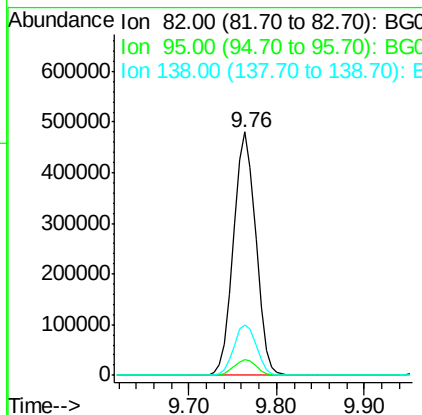
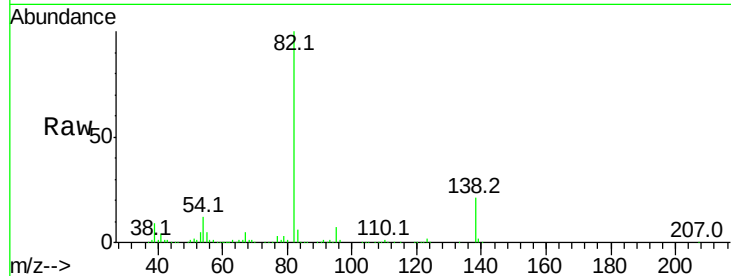
ClientSampleId :

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#

Manual Integrations
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#26

2-Nitrophenol

Concen: 49.39 ng

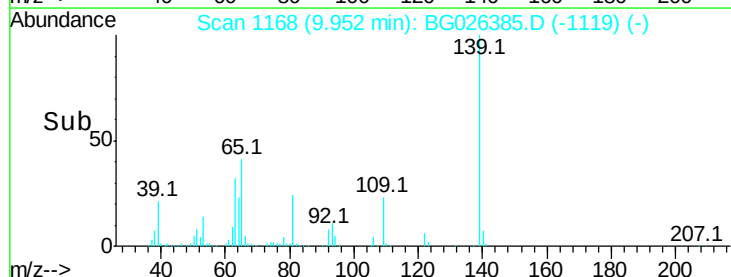
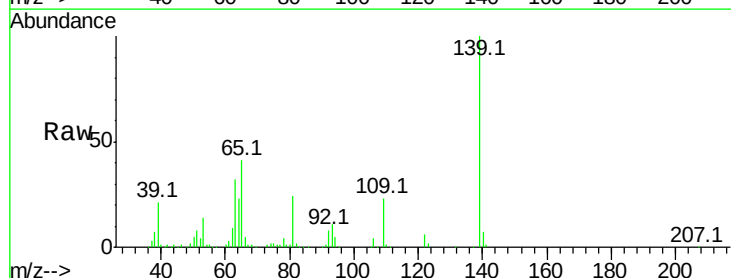
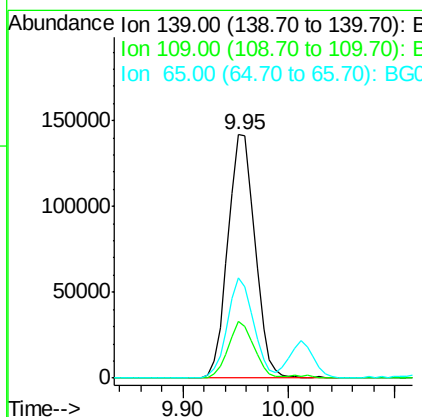
RT: 9.95 min Scan# 1168

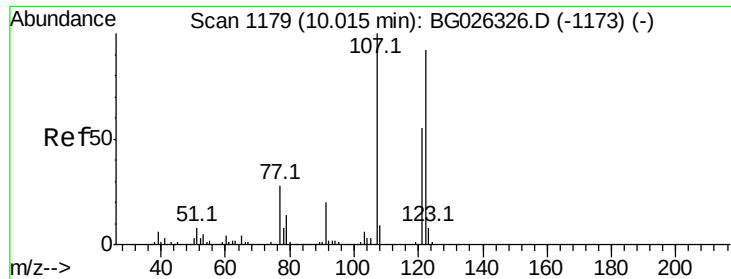
Delta R.T. -0.01 min

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#





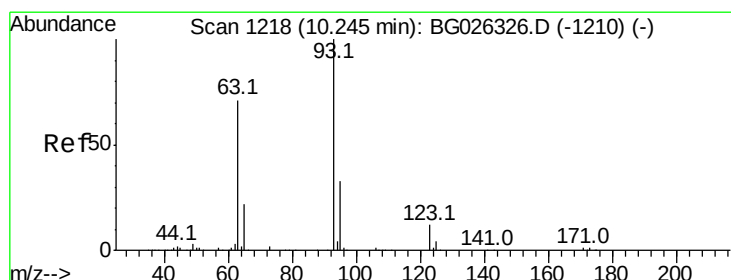
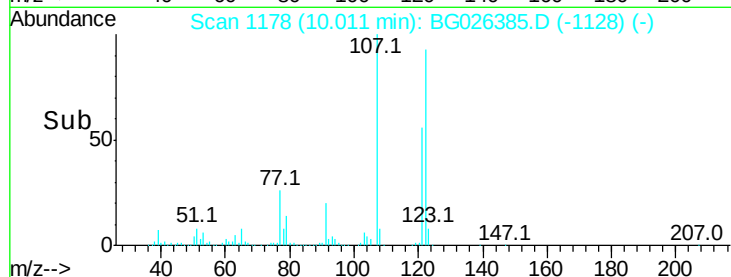
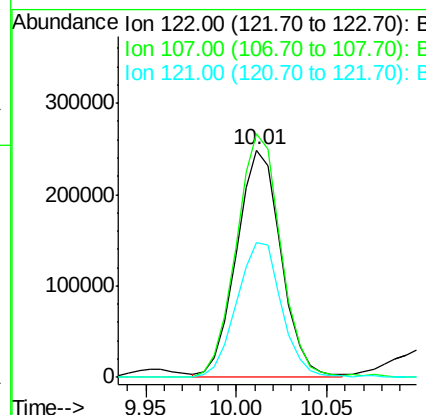
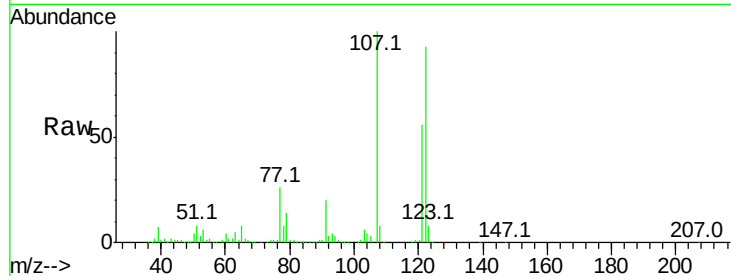
#27
 2,4-Dimethylphenol
 Concen: 50.11 ng
 RT: 10.01 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BG026385.D
 Acq: 22 Mar 2017 21:17

Instrument :
 BNA_G
 ClientSampleId :
 JFC-SOIL-COMPMSD

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

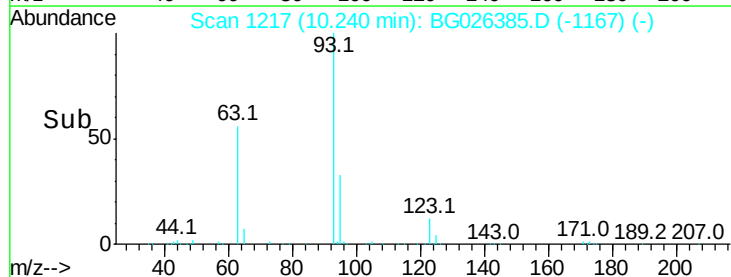
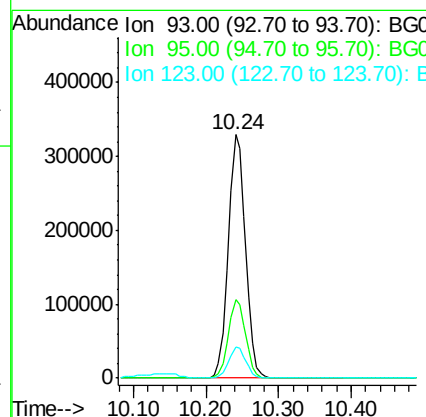
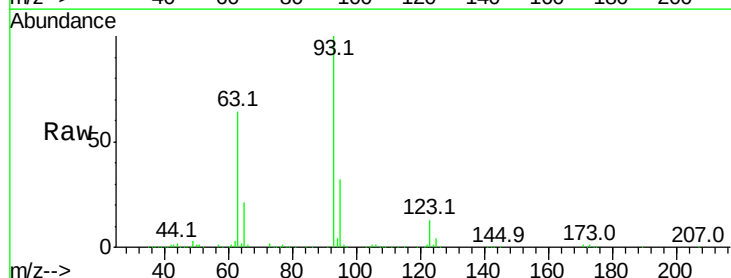
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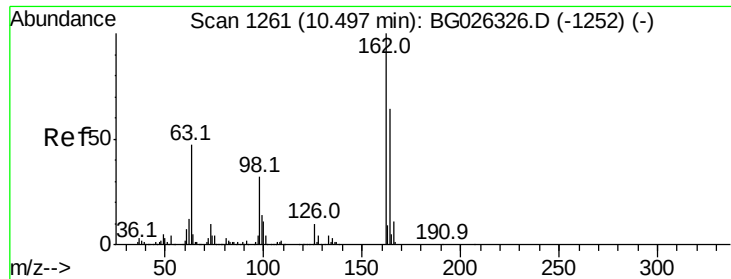
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 44.30 ng
 RT: 10.24 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BG026385.D
 Acq: 22 Mar 2017 21:17

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





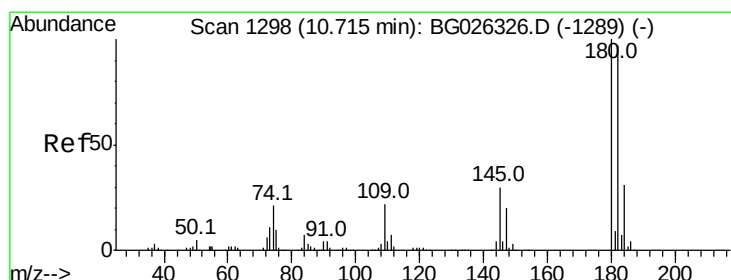
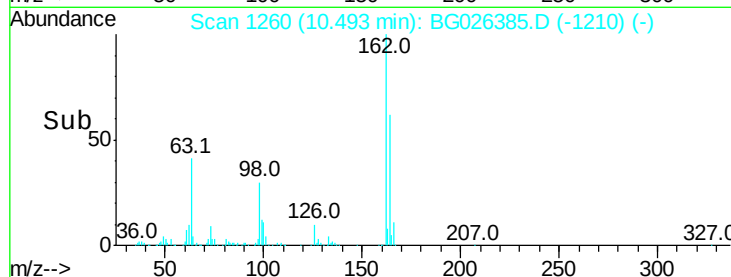
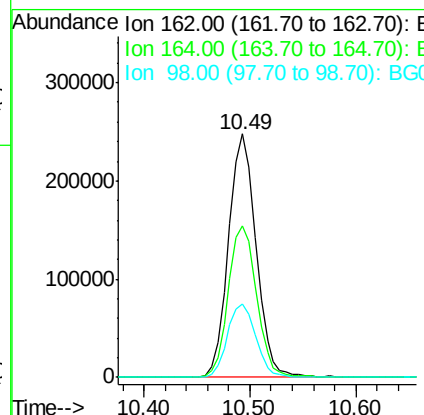
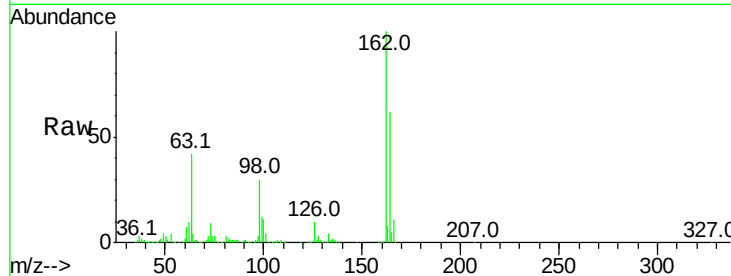
#29
 2,4-Dichlorophenol
 Concen: 52.90 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: BG026385.D
 Acq: 22 Mar 2017 21:17

Instrument :
 BNA_G
 ClientSampleId :
 JFC-SOIL-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	449014		
164	62.4		42.4	82.4
98	30.2		20.3	60.3

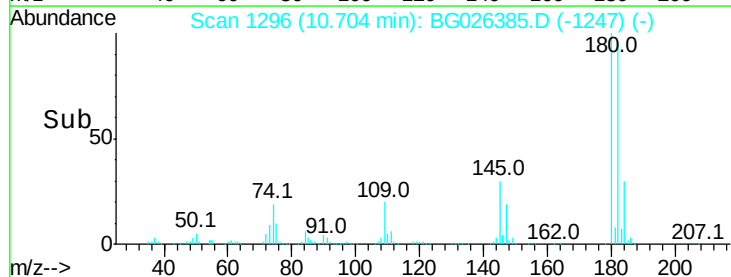
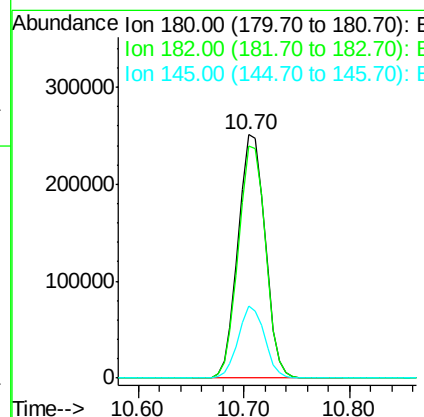
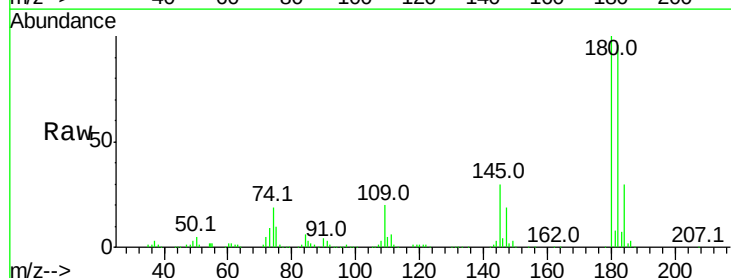
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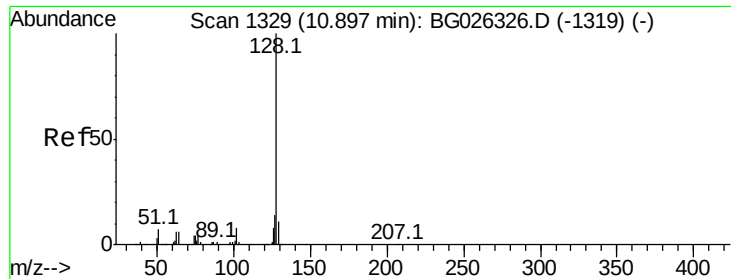
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 46.72 ng
 RT: 10.70 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BG026385.D
 Acq: 22 Mar 2017 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	445515		
182	95.6		77.0	115.4
145	29.7		23.4	35.0





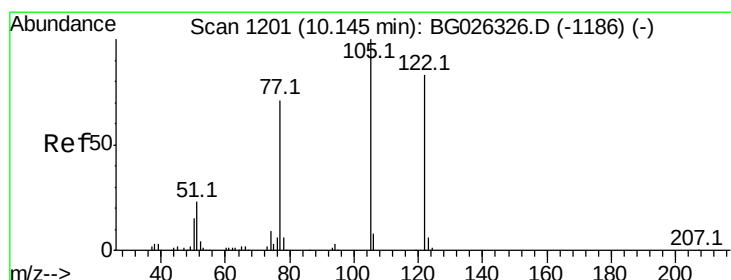
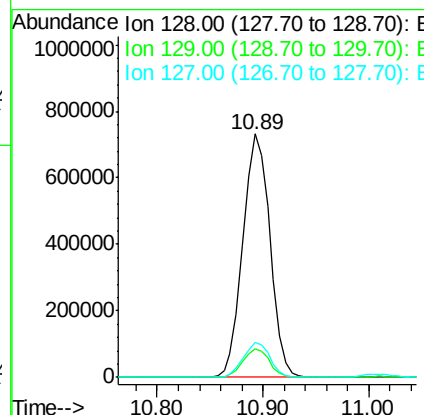
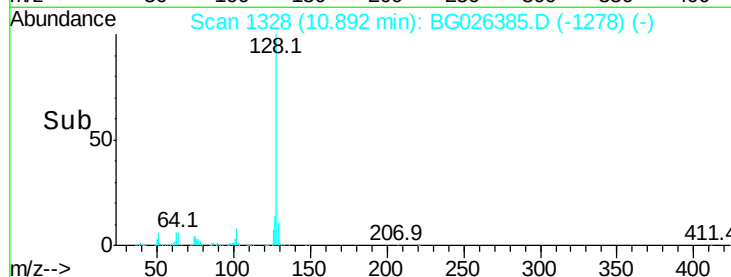
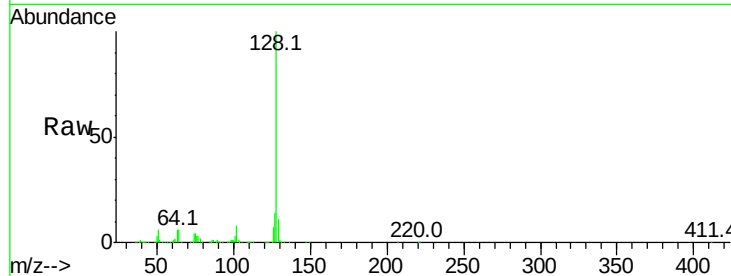
#31
Naphthalene
Concen: 43.00 ng
RT: 10.89 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMSD

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

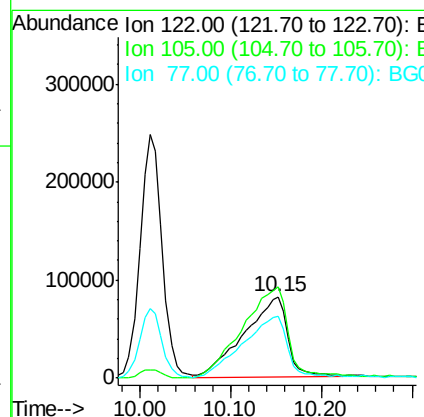
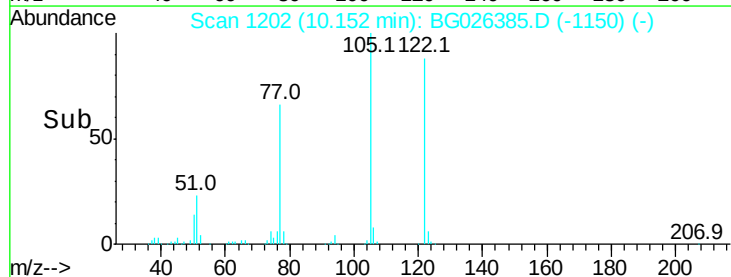
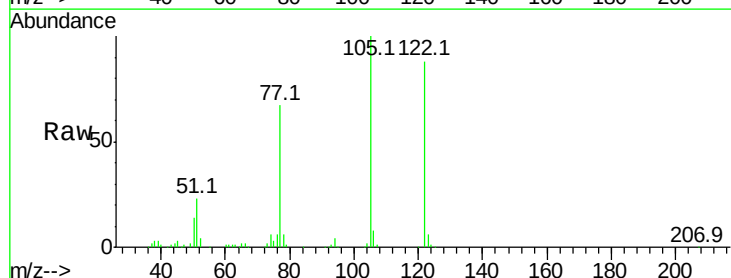
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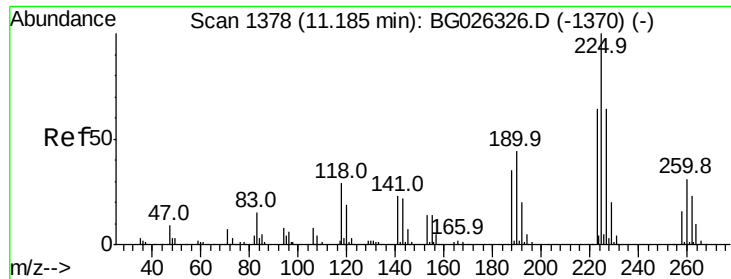
mohammad
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#32
Benzoic acid
Concen: 41.75 ng
RT: 10.15 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

Tgt Ion	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

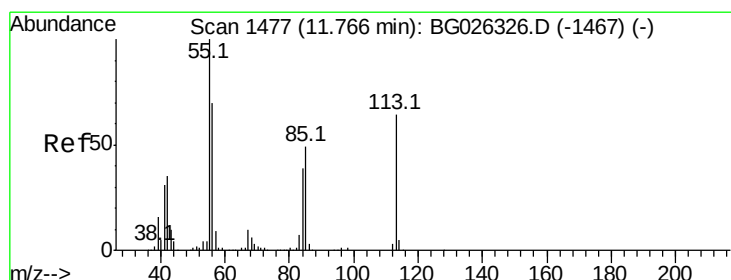
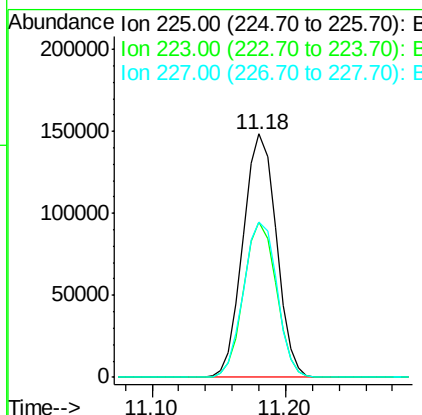
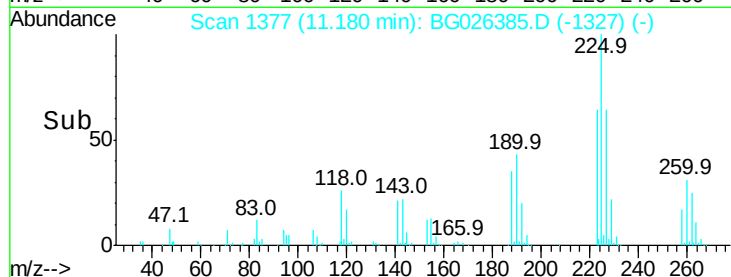
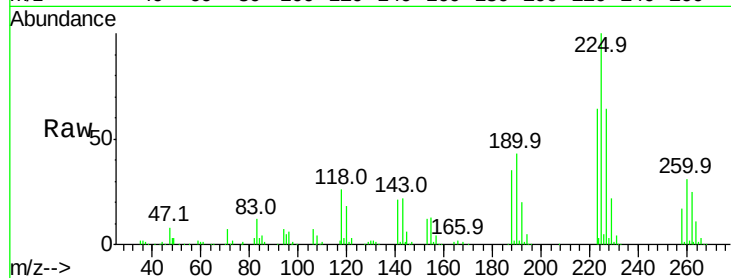
ClientSampleId :

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

Manual Integrations
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#35

Caprolactam

Concen: 41.34 ng m

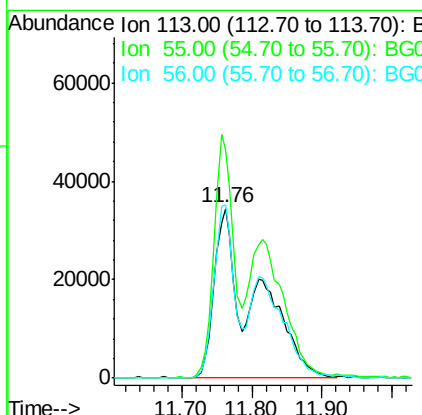
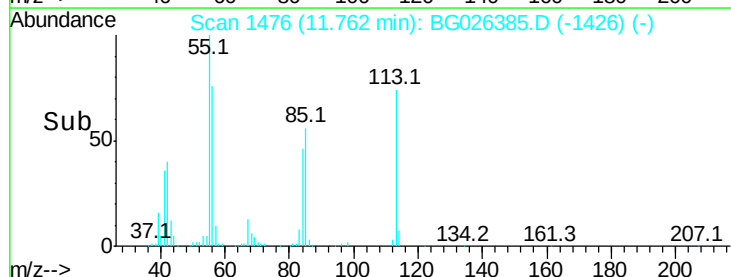
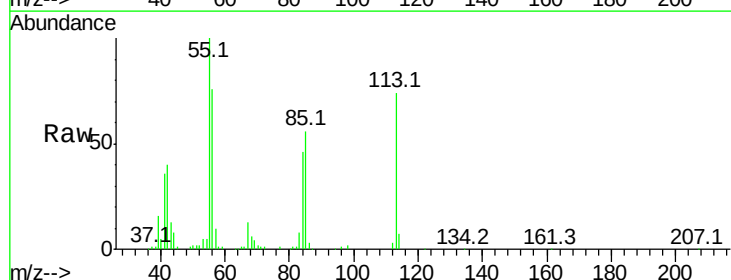
RT: 11.76 min Scan# 1476

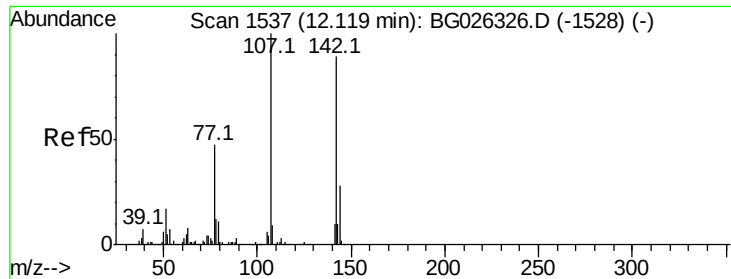
Delta R.T. -0.00 min

Lab File: BG026385.D

Acq: 22 Mar 2017 21:17

Tgt Ion:	113	Resp:	138271
Ion Ratio	Lower	Upper	
113	100		
55	134.5	198.6	238.6#
56	102.2	140.4	180.4#





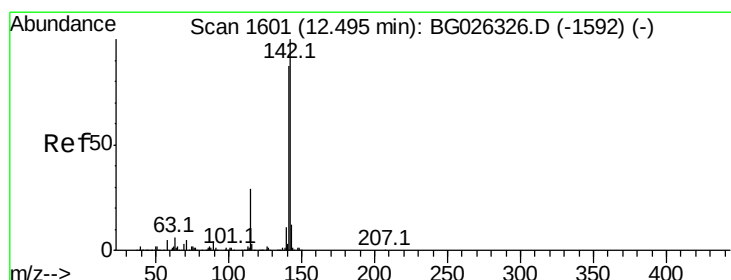
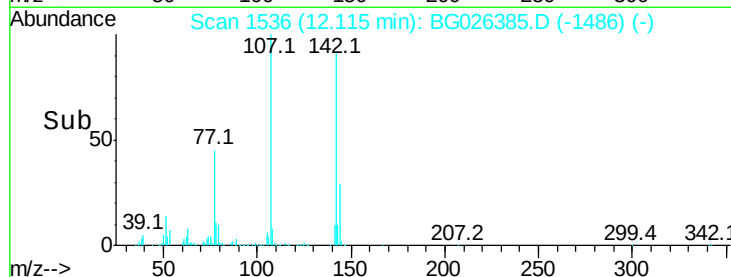
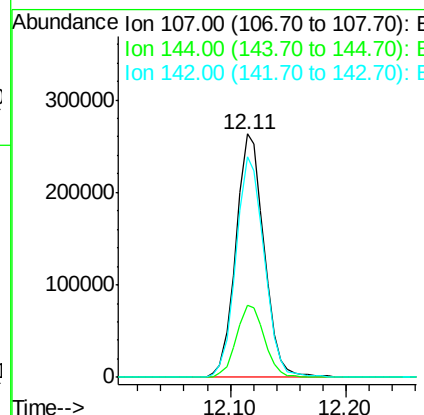
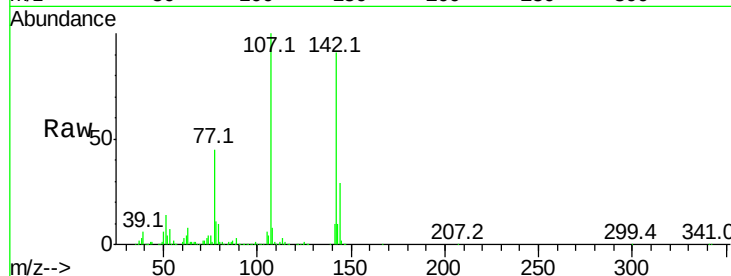
#36
4-Chloro-3-methylphenol
Concen: 49.14 ng
RT: 12.11 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
144	29.5	17.4	26.0#	
142	90.6	54.1	81.1#	

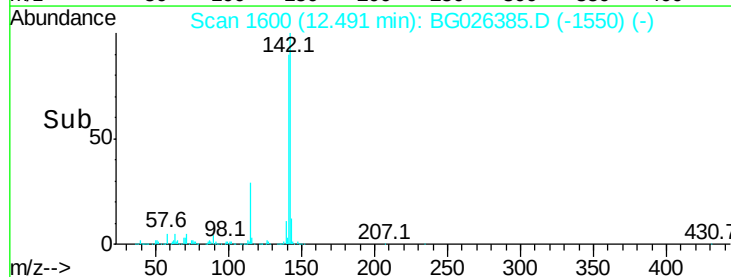
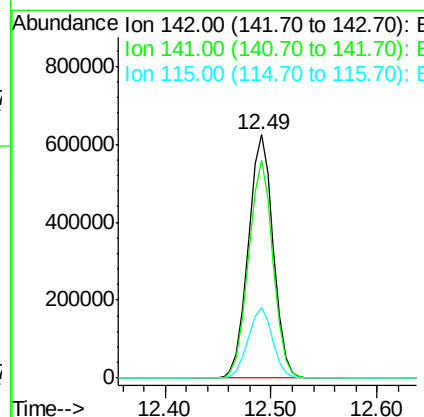
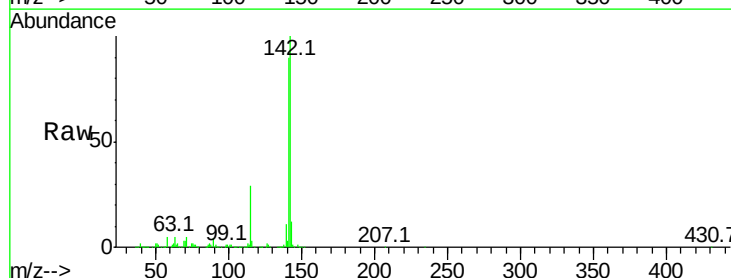
Manual Integrations
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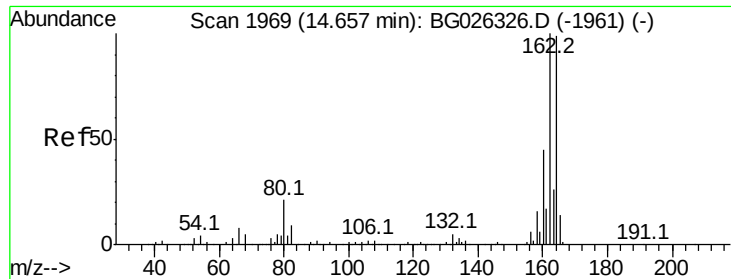
mohammad
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#37
2-Methylnaphthalene
Concen: 45.89 ng
RT: 12.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
142	100			
141	89.7	70.4	105.6	
115	29.2	35.5	53.3#	





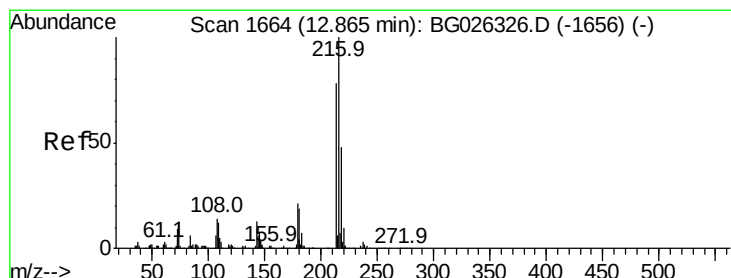
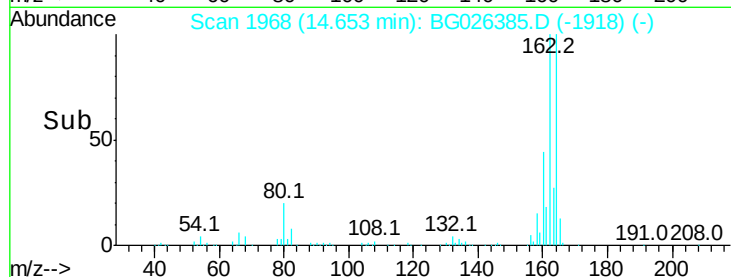
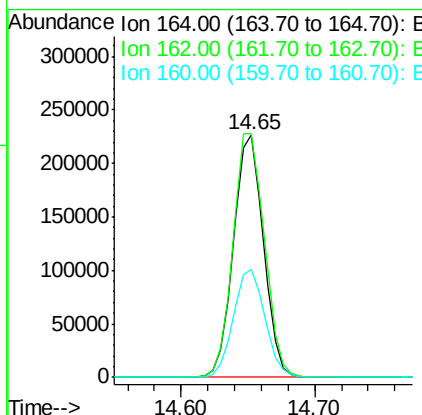
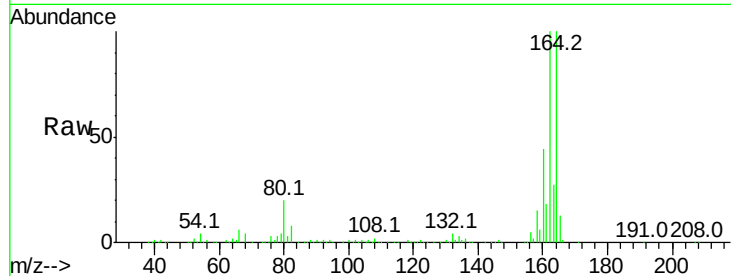
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: BG026385.D
 Acq: 22 Mar 2017 21:17

Instrument :
 BNA_G
 ClientSampleId :
 JFC-SOIL-COMPMSD

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

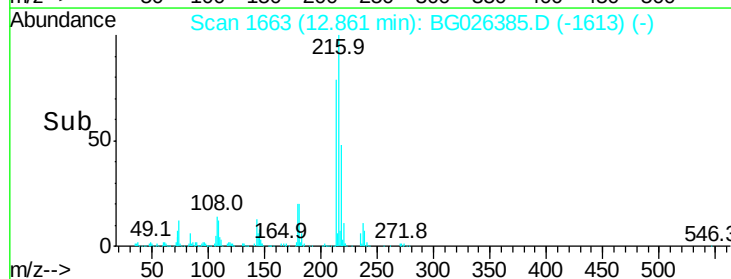
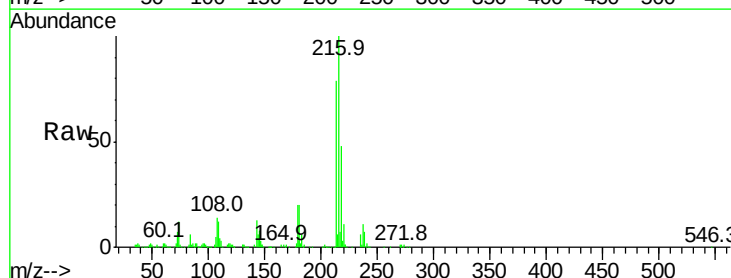
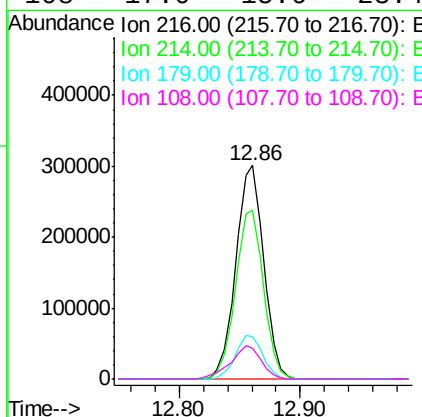
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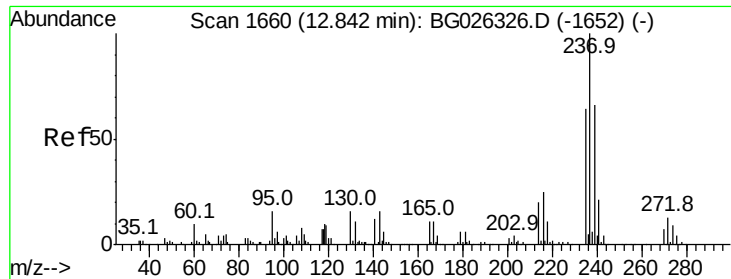
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#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.58 ng
 RT: 12.86 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: BG026385.D
 Acq: 22 Mar 2017 21:17

Tgt Ion	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





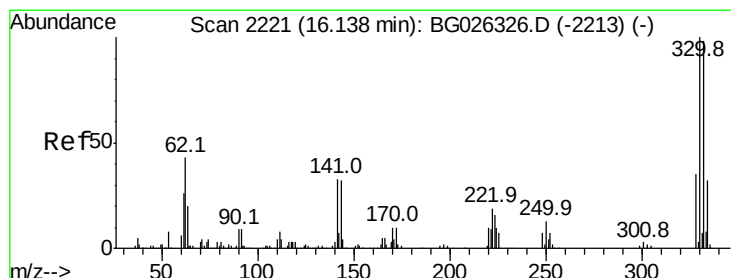
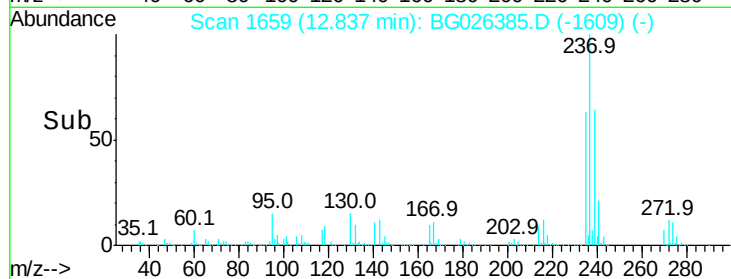
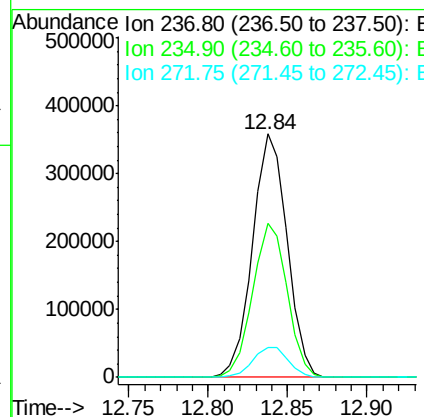
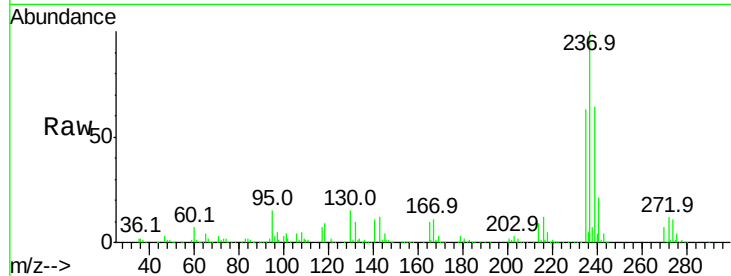
#40
Hexachlorocyclopentadiene
Concen: 97.47 ng
RT: 12.84 min Scan# 1659
Delta R.T. -0.00 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
237	100	544154		
235	63.4	39.4	79.4	
272	12.2	0.0	32.0	

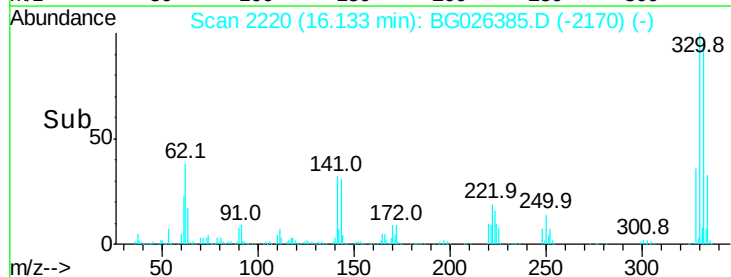
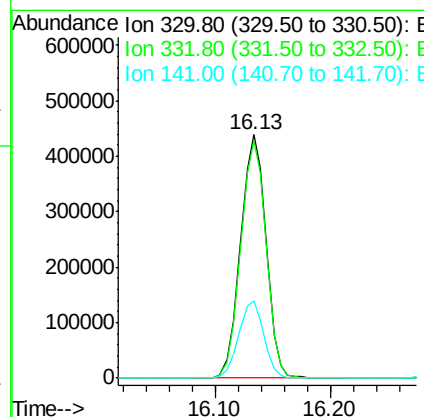
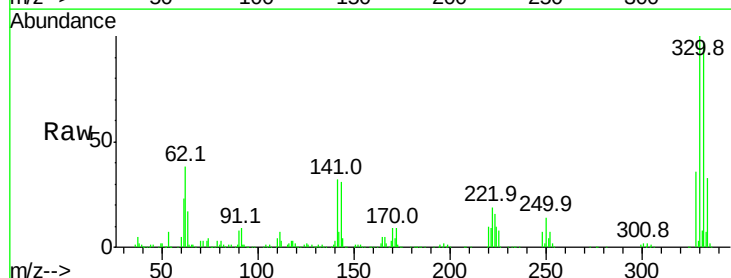
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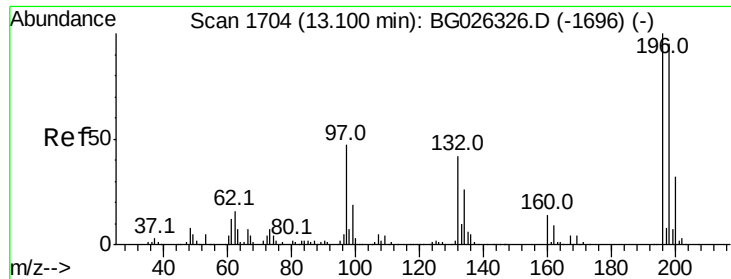
mohammad
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#41
2,4,6-Tribromophenol
Concen: 165.80 ng
RT: 16.13 min Scan# 2220
Delta R.T. -0.00 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	669286		
332	96.9	77.3	115.9	
141	31.4	32.1	48.1#	





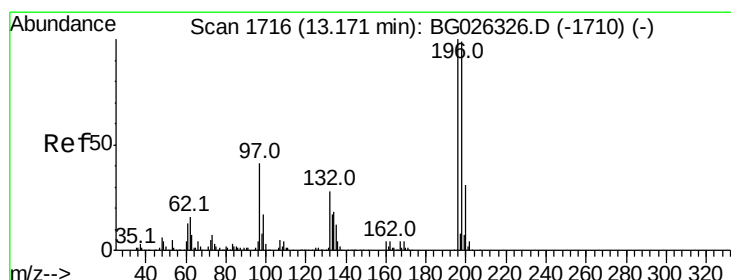
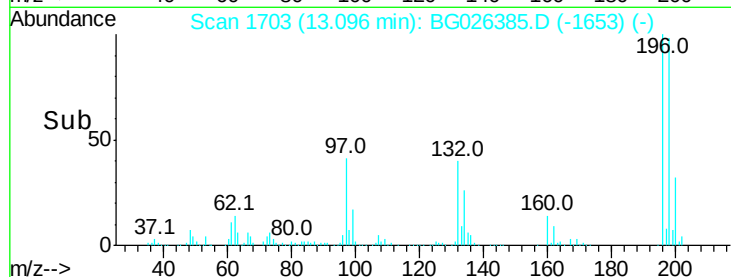
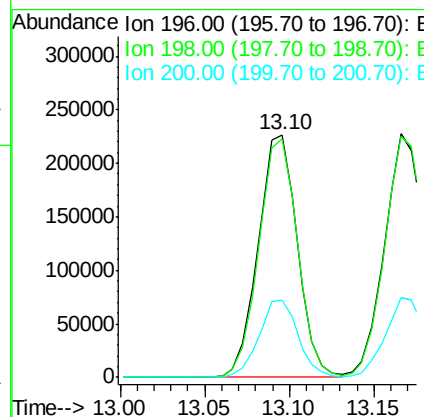
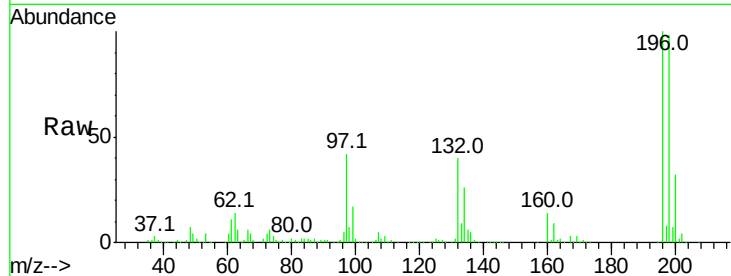
#42
 2,4,6-Trichlorophenol
 Concen: 52.55 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG026385.D
 Acq: 22 Mar 2017 21:17

Instrument :
 BNA_G
 ClientSampleId :
 JFC-SOIL-COMPMSD

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

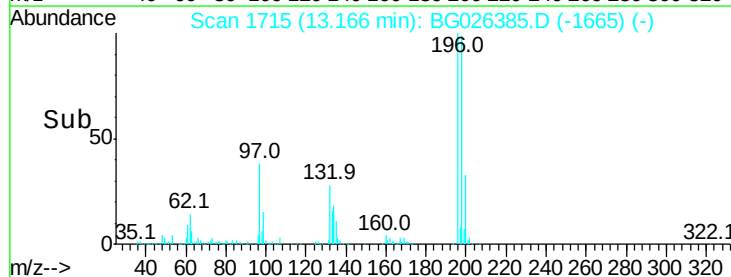
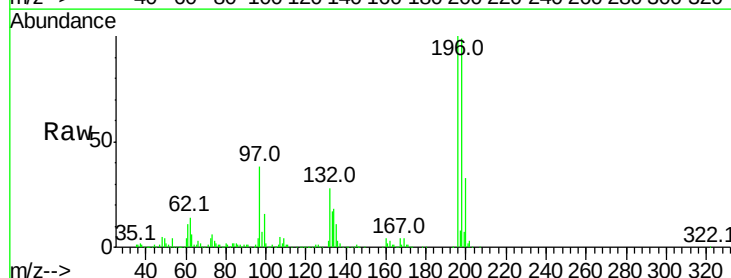
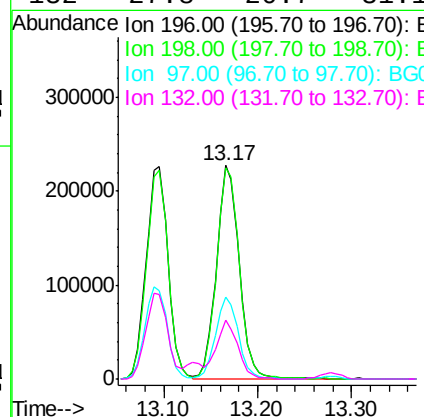
Manual Integrations
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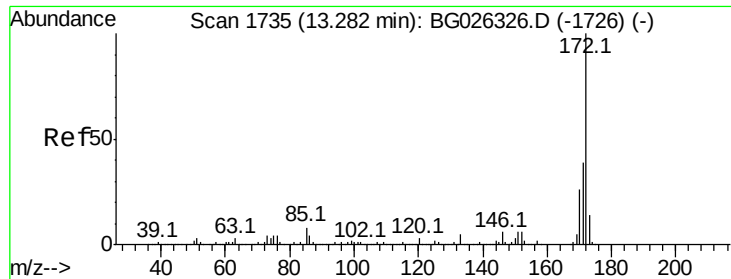
mohammad
 3/23/2017 2:07:11 PM



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





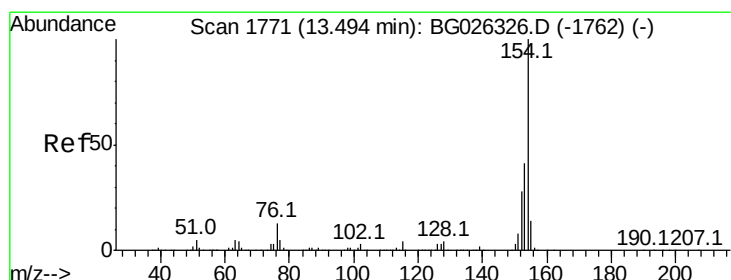
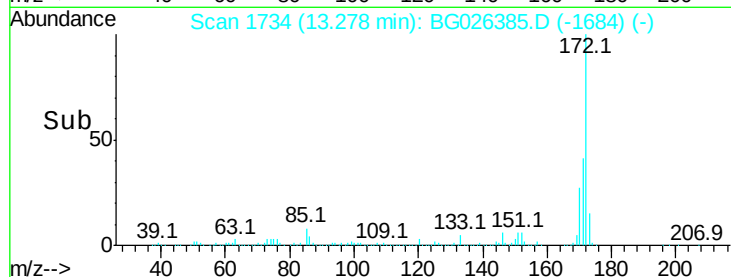
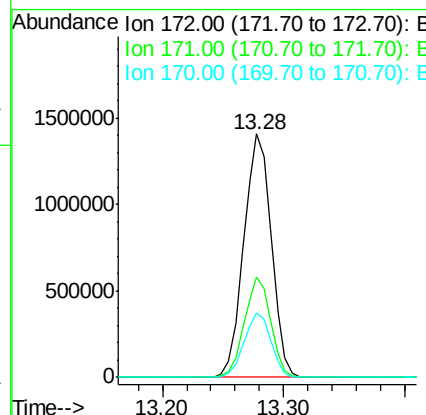
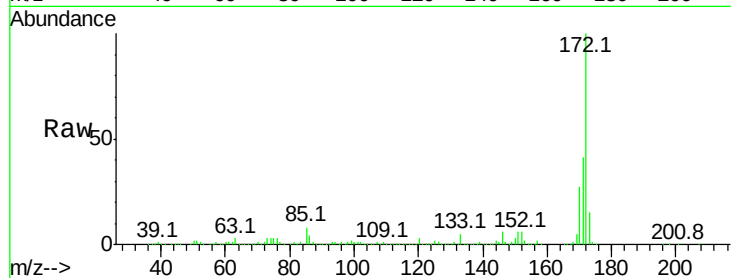
#44
2-Fluorobiphenyl
Concen: 88.95 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

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

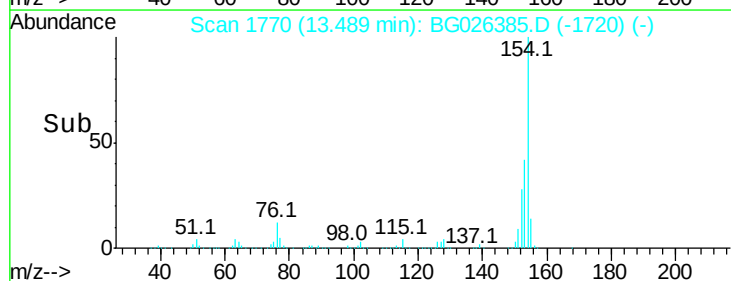
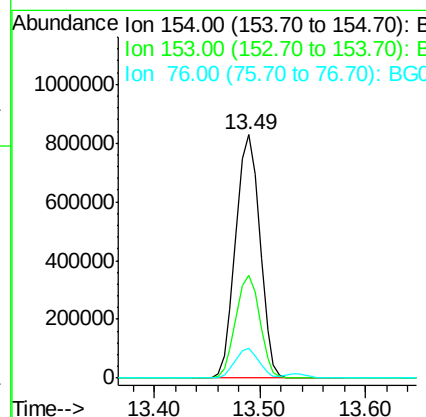
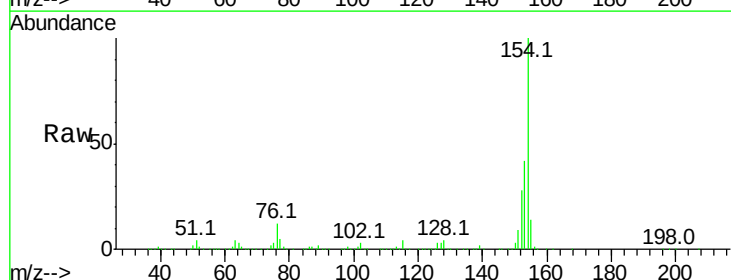
Manual Integrations
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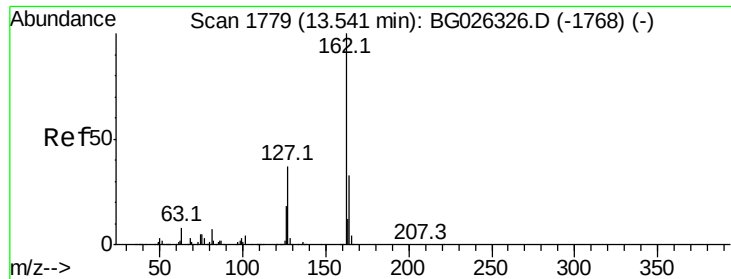
mohammad
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#45
1,1'-Biphenyl
Concen: 44.88 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

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





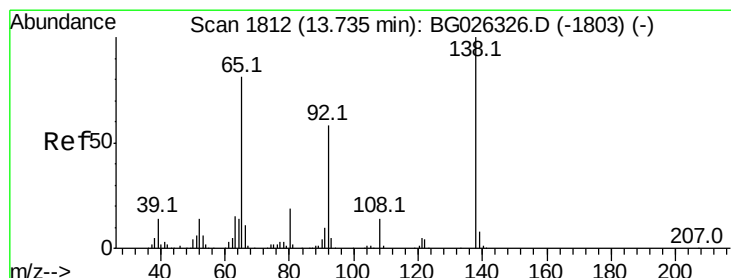
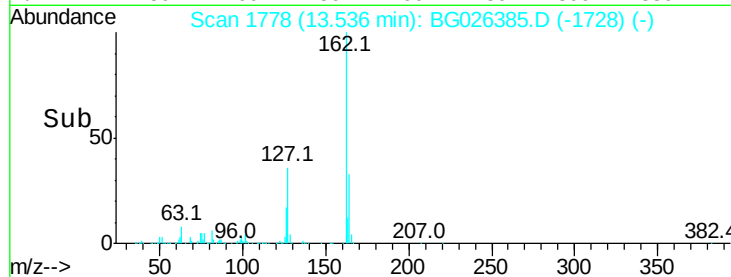
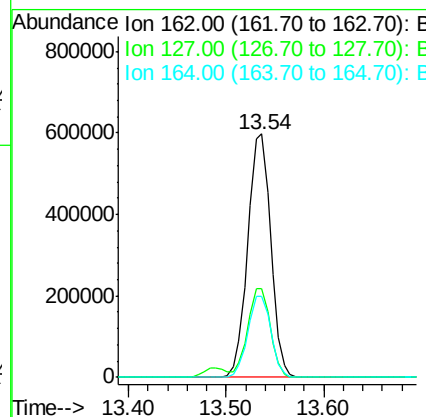
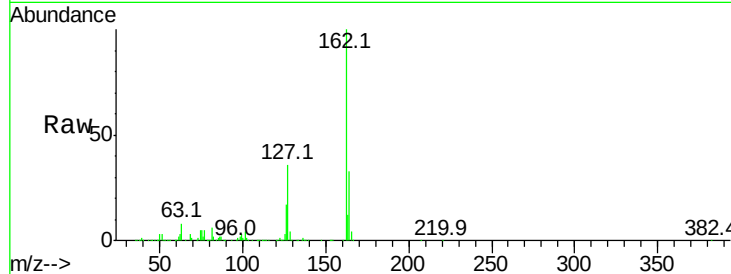
#46
2-Chloronaphthalene
Concen: 46.16 ng
RT: 13.54 min Scan# 1778
Delta R.T. -0.00 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMSD

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

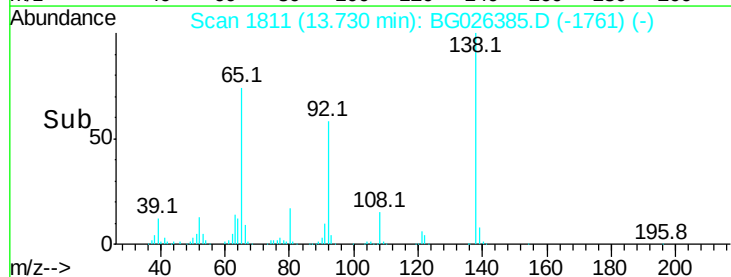
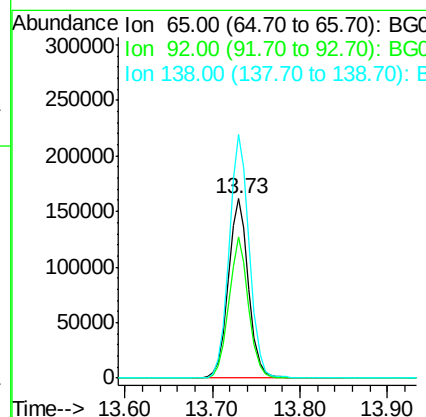
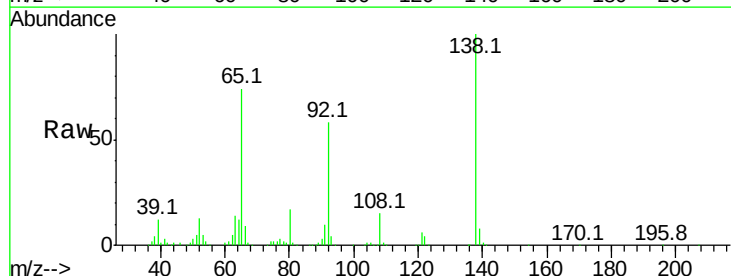
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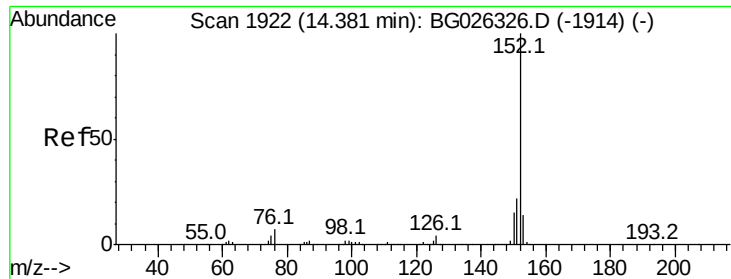
mohammad
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#47
2-Nitroaniline
Concen: 42.22 ng
RT: 13.73 min Scan# 1811
Delta R.T. -0.00 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

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





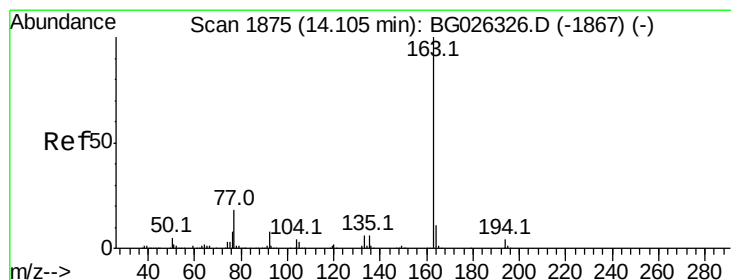
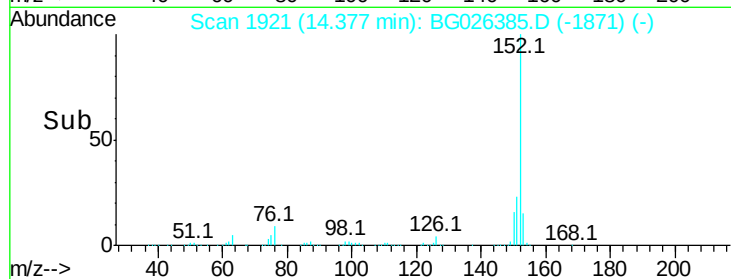
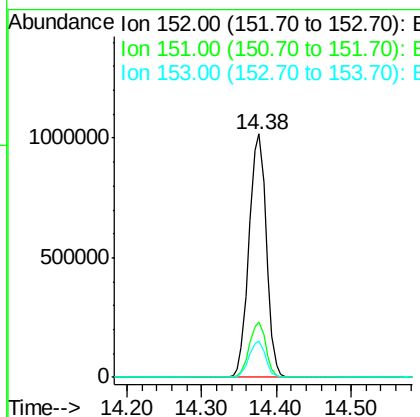
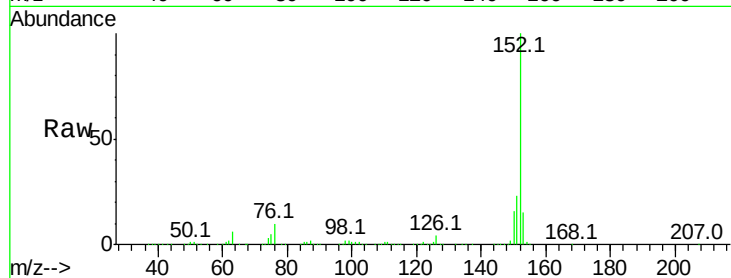
#48
Acenaphthylene
Concen: 43.93 ng
RT: 14.38 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMSD

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

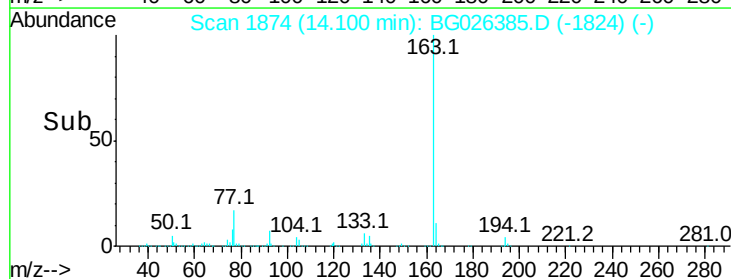
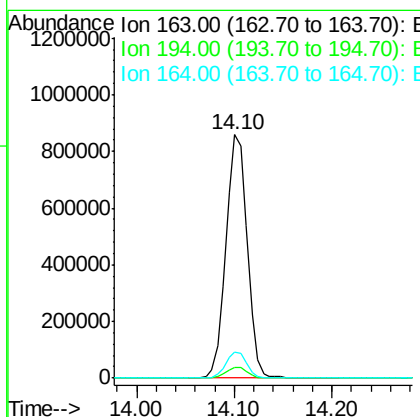
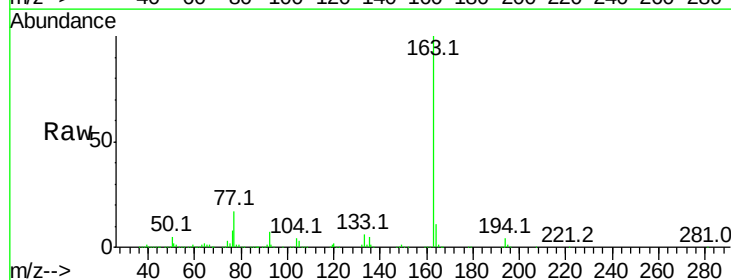
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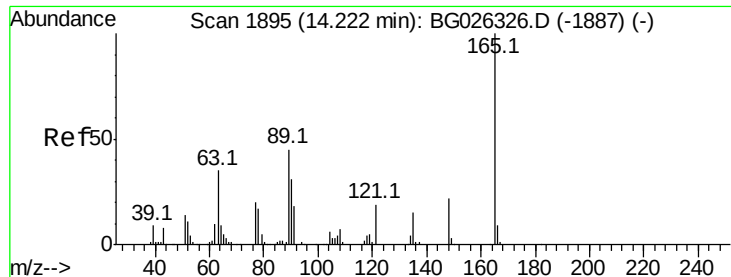
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#49
Dimethylphthalate
Concen: 48.68 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.00 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

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





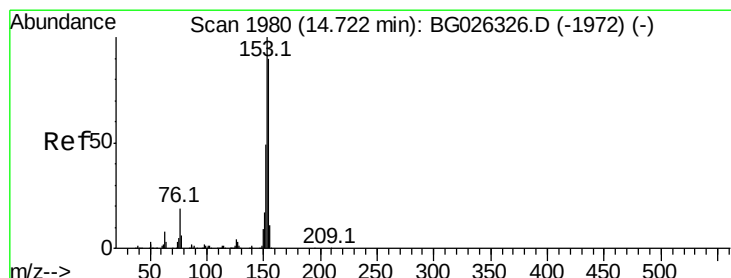
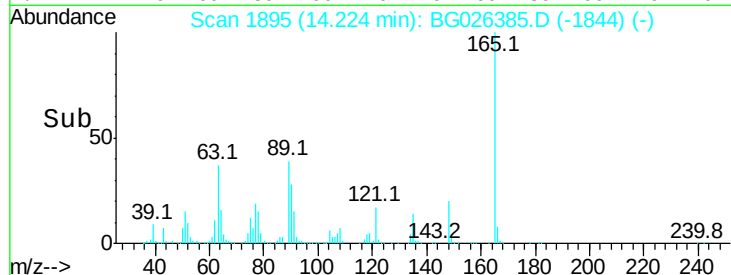
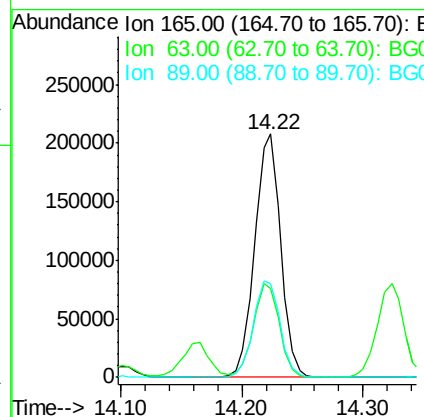
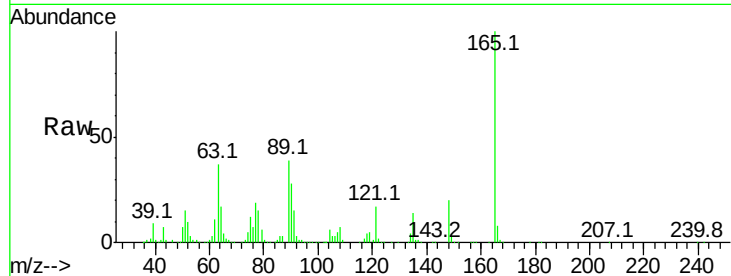
#50
 2,6-Dinitrotoluene
 Concen: 49.92 ng
 RT: 14.22 min Scan# 1895
 Delta R.T. 0.00 min
 Lab File: BG026385.D
 Acq: 22 Mar 2017 21:17

Instrument :
 BNA_G
 ClientSampleId :
 JFC-SOIL-COMPMSD

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

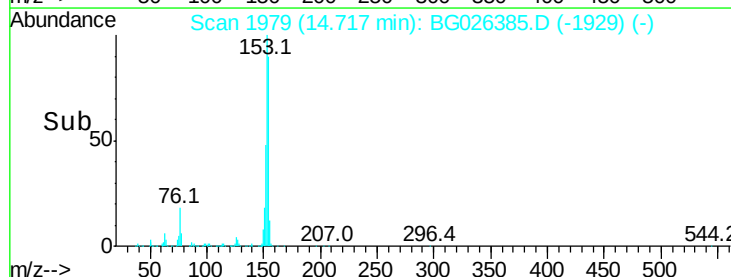
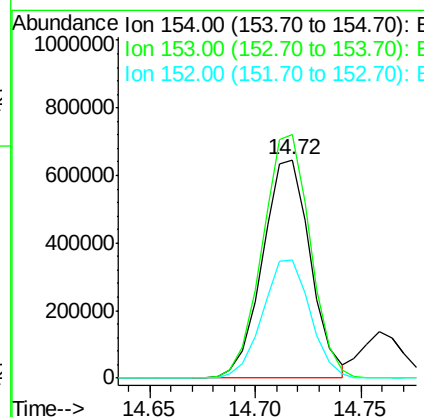
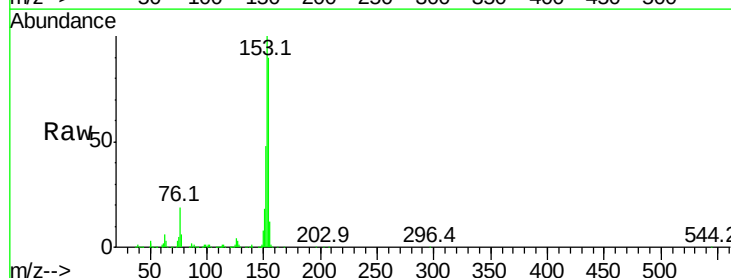
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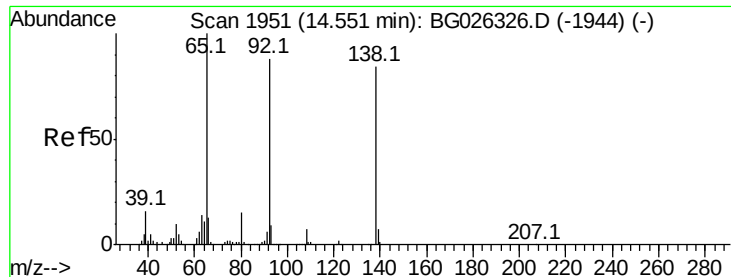
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#51
 Acenaphthene
 Concen: 44.56 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: BG026385.D
 Acq: 22 Mar 2017 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1019992		
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#

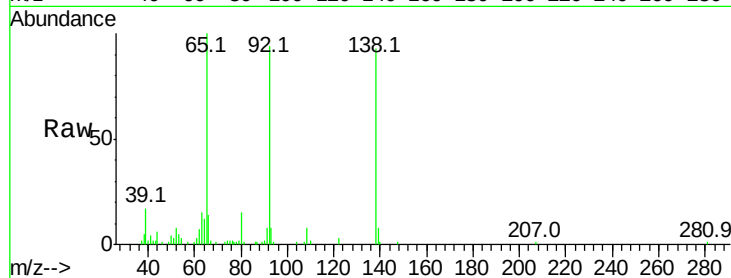
92 100.5 115.3 172.9#

Manual Integrations

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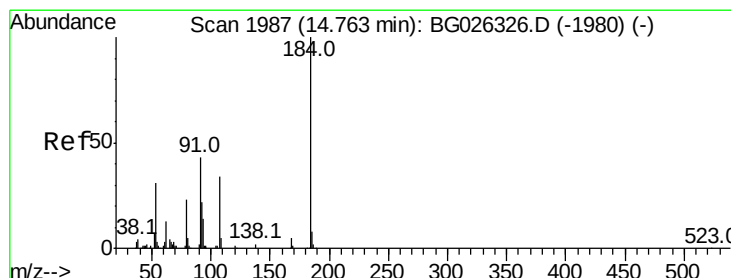
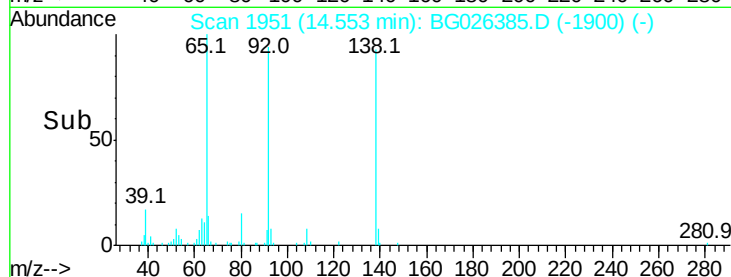
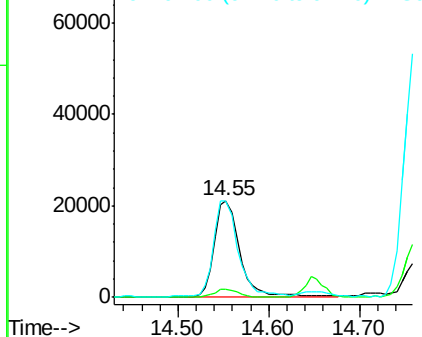
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#53

2,4-Dinitrophenol

Concen: 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

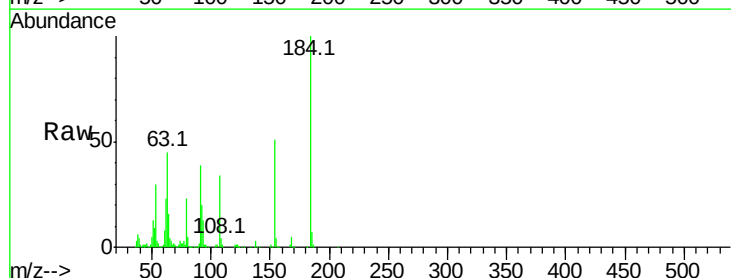
Tgt Ion:184 Resp: 397151

Ion Ratio Lower Upper

184 100

63 45.1 52.7 79.1#

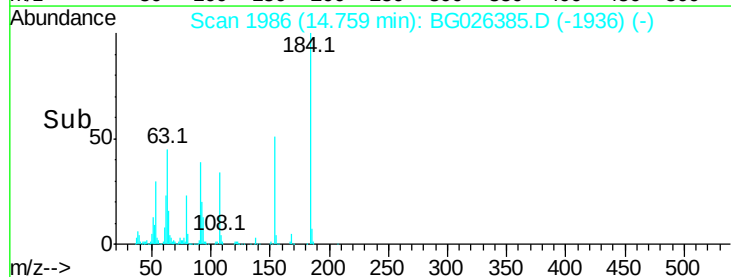
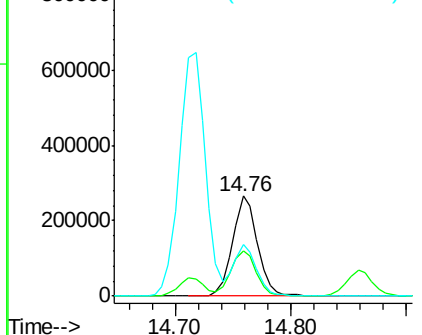
154 51.3 57.3 85.9#

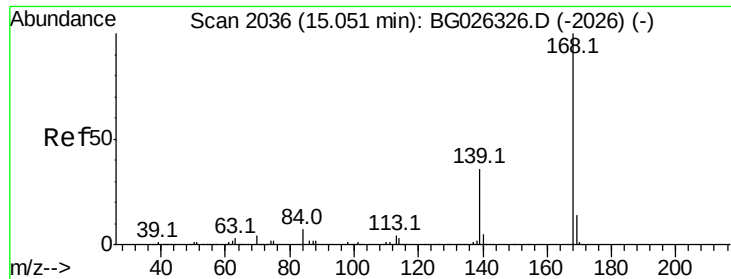


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





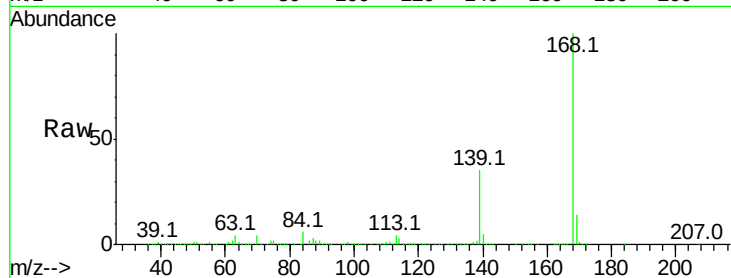
#54
Dibenzofuran
Concen: 49.06 ng
RT: 15.05 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMSD

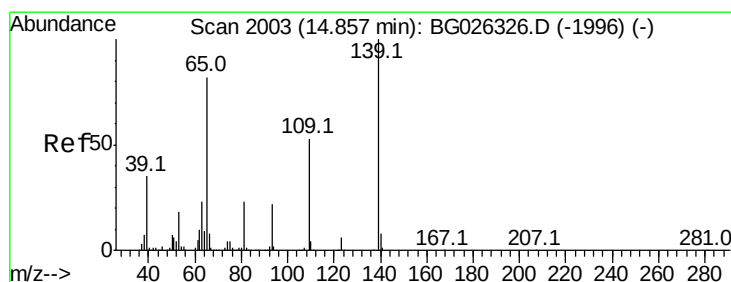
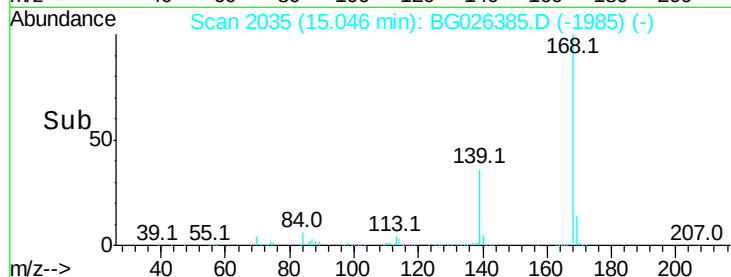
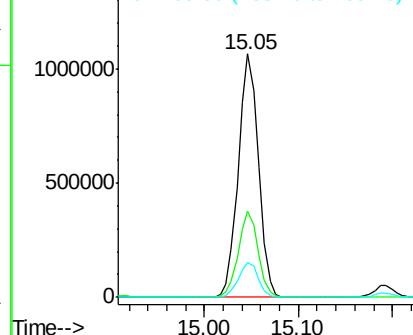
Tot Ion:168 Resp: 1580985
Ion Ratio Lower Upper
168 100
139 35.4 35.3 52.9
169 14.4 11.5 17.3

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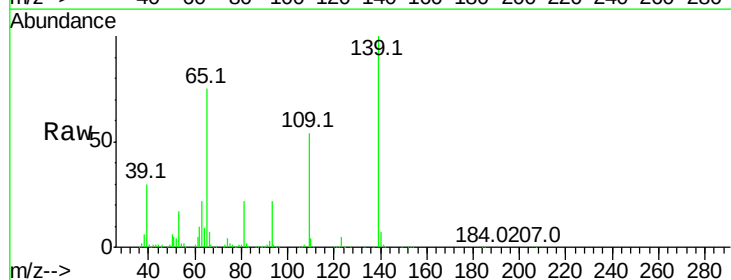


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

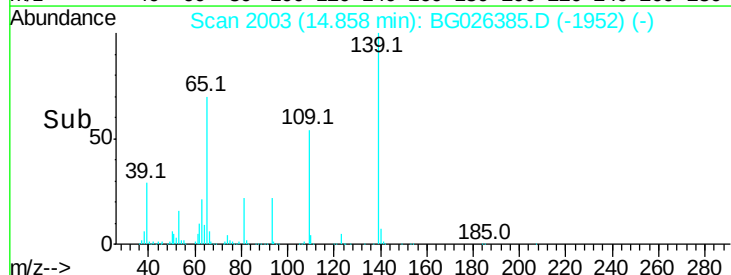
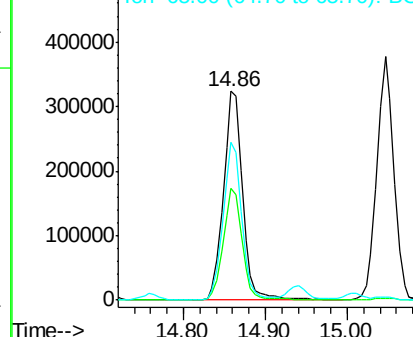


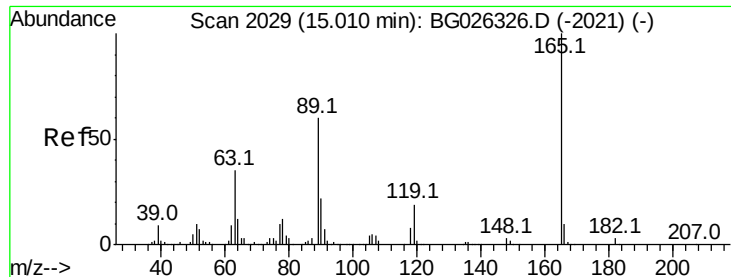
#55
4-Nitrophenol
Concen: 94.53 ng
RT: 14.86 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

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): BGO





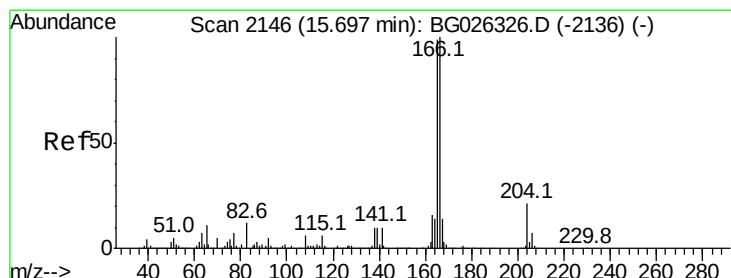
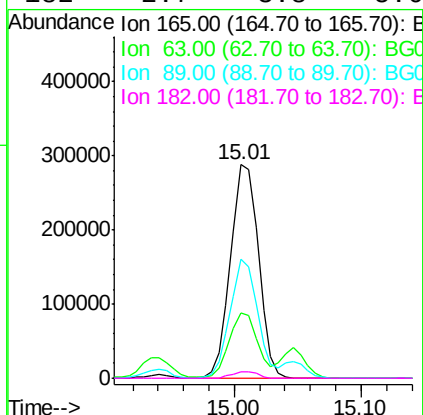
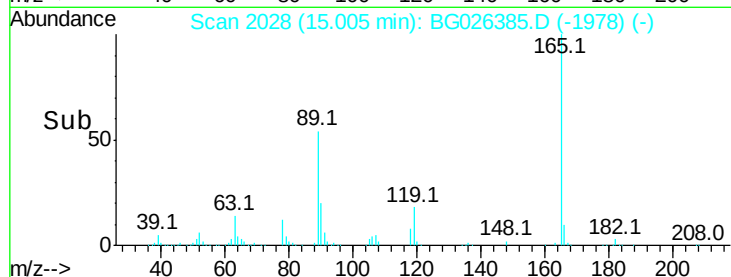
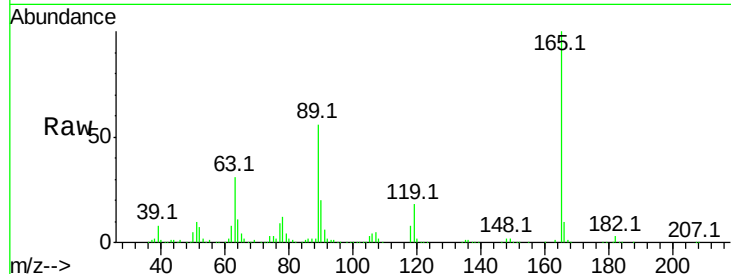
#56
2,4-Dinitrotoluene
Concen: 50.35 ng
RT: 15.01 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMSD

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

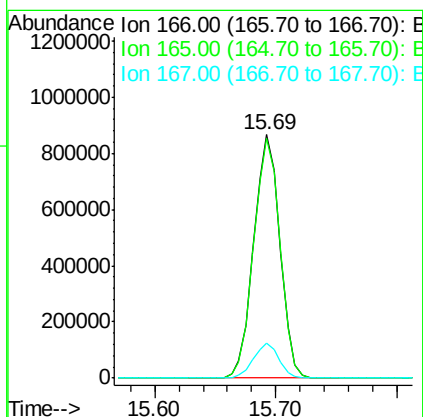
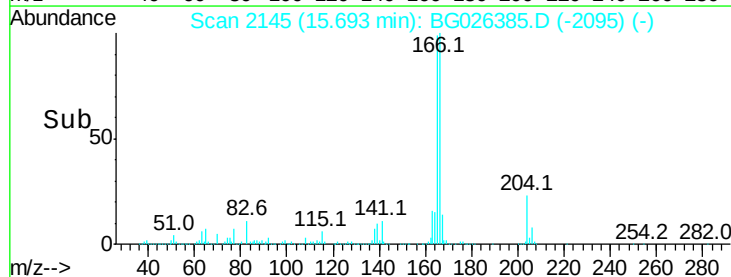
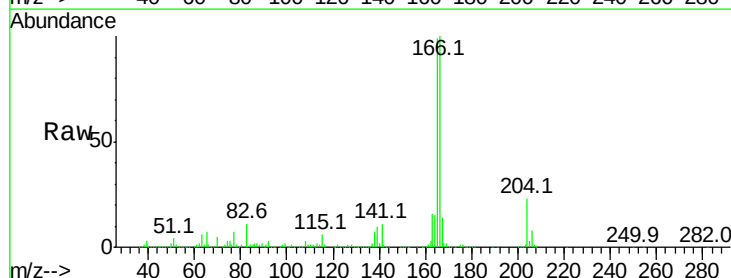
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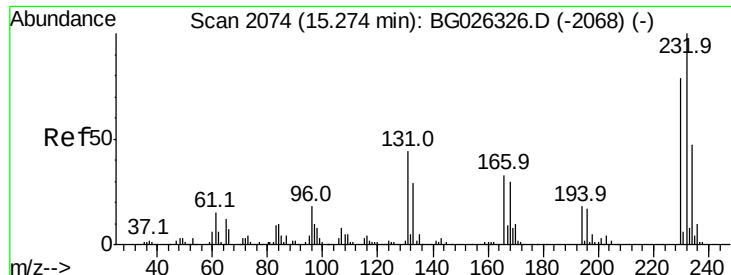
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#57
Fluorene
Concen: 45.64 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

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





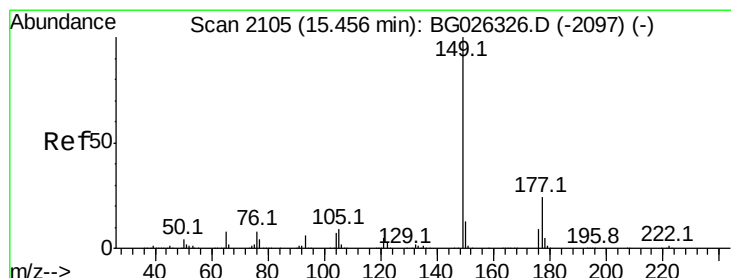
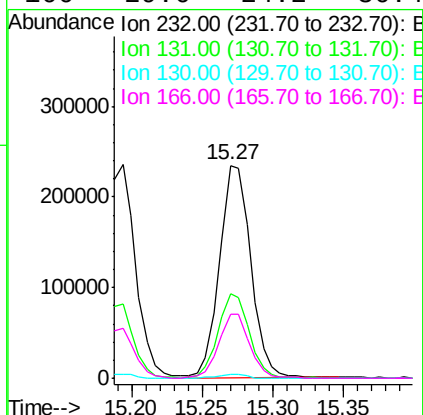
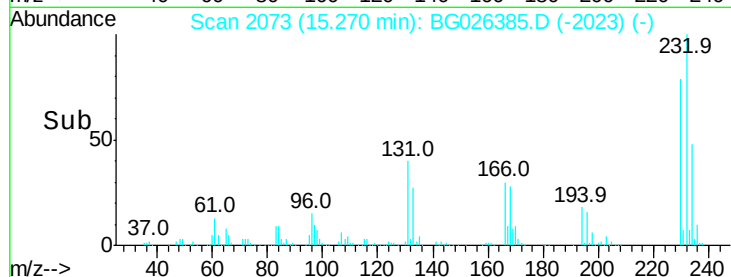
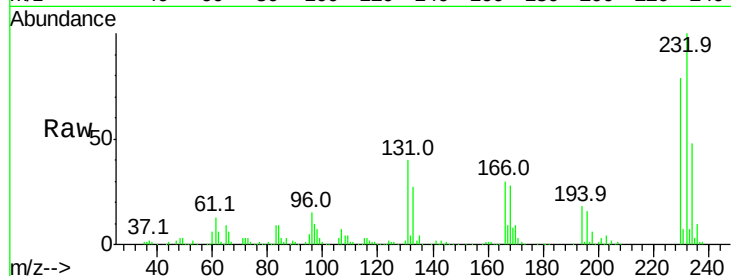
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 53.95 ng
 RT: 15.27 min Scan# 2073
 Delta R.T. -0.00 min
 Lab File: BG026385.D
 Acq: 22 Mar 2017 21:17

Instrument :
 BNA_G
 ClientSampleId :
 JFC-SOIL-COMPMSD

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

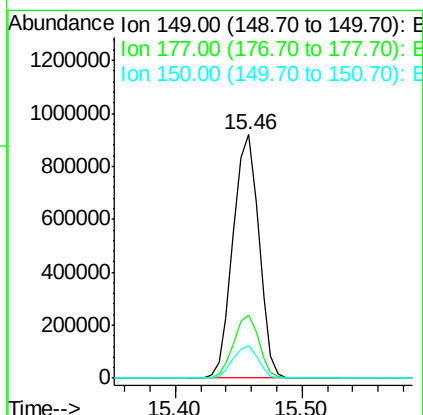
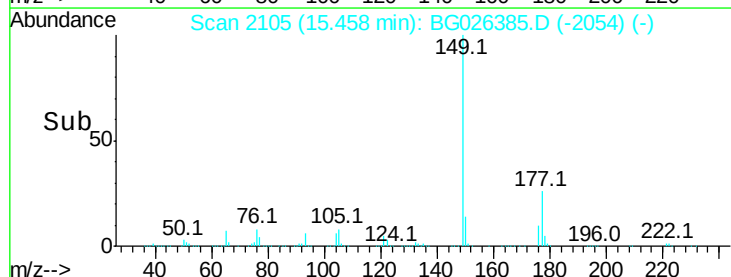
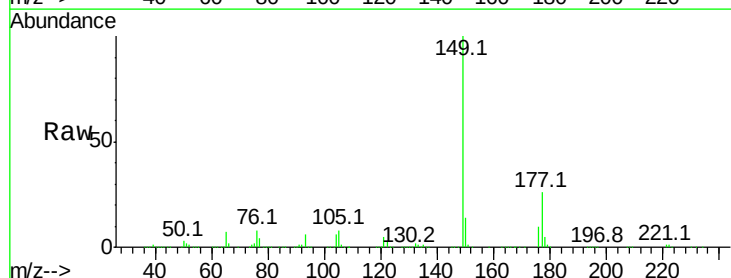
Manual Integrations
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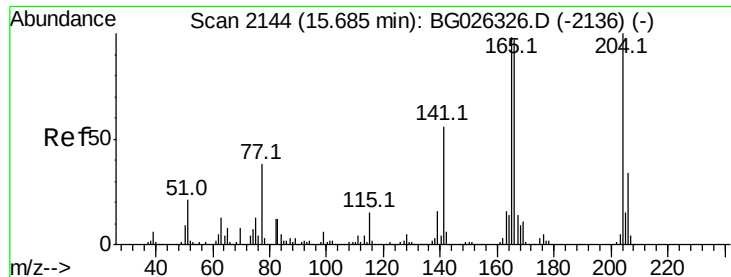
mohammad
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#59
 Diethylphthalate
 Concen: 47.70 ng
 RT: 15.46 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BG026385.D
 Acq: 22 Mar 2017 21:17

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





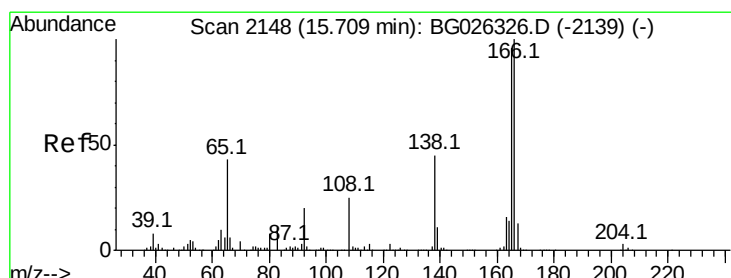
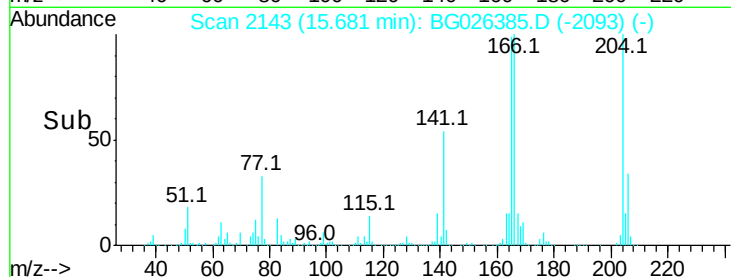
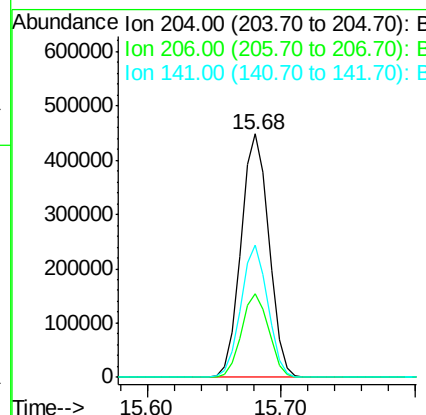
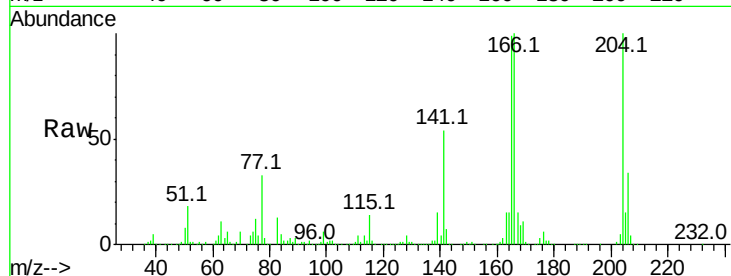
#60
4-Chlorophenyl-phenylether
Concen: 47.60 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMSD

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

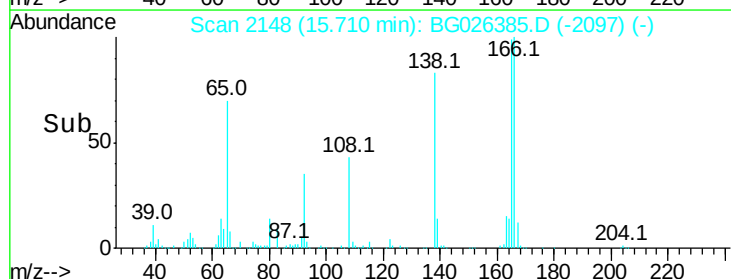
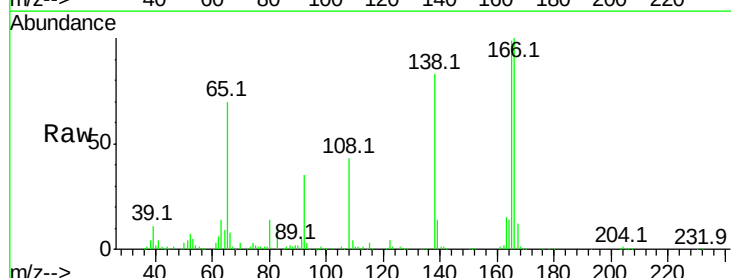
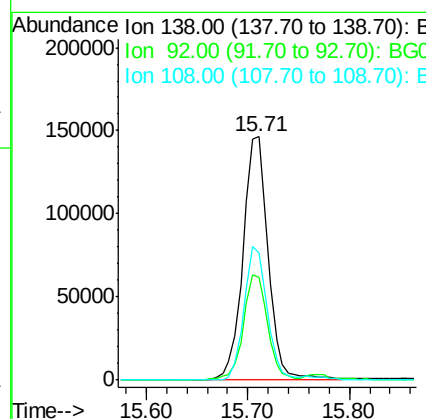
Manual Integrations
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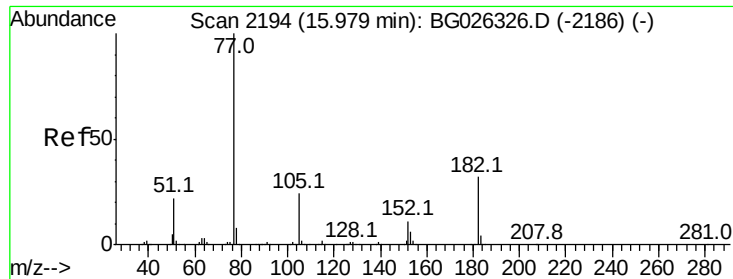
mohammad
3/23/2017 2:07:11 PM



#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	Ratio	Lower	Upper
138	100		
92	42.1	44.2	84.2#
108	52.4	104.8	144.8#





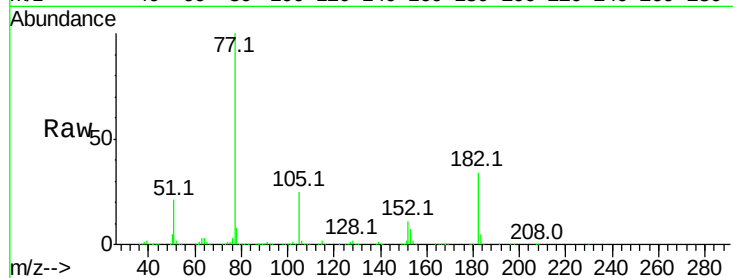
#62
Azobenzene
Concen: 46.89 ng
RT: 15.97 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMSD

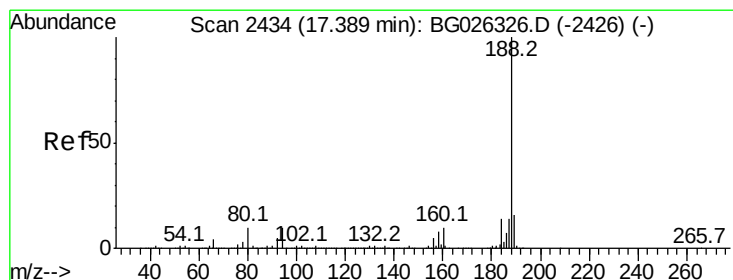
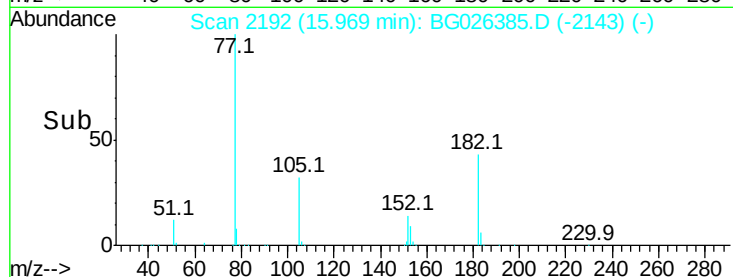
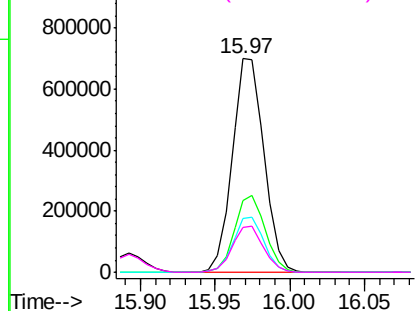
Tot Ion: 77 Resp: 1036825
Ion Ratio Lower Upper
77 100
182 33.7 4.7 44.7
105 25.2 0.0 36.3
51 20.8 16.4 56.4

Manual Integrations
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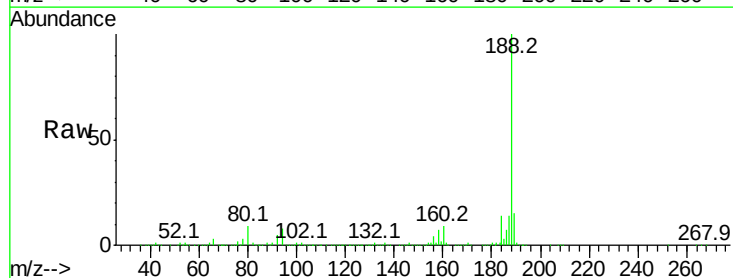


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

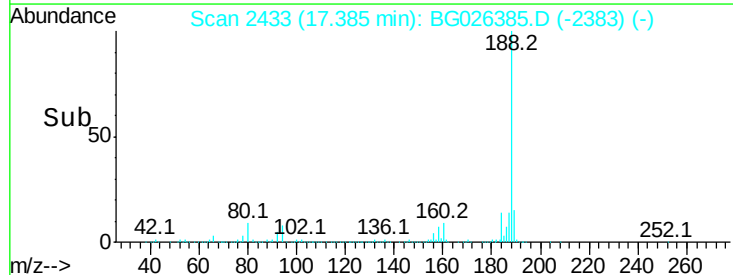
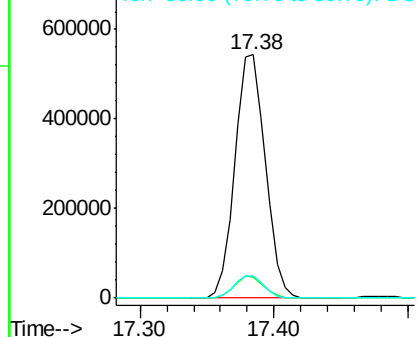


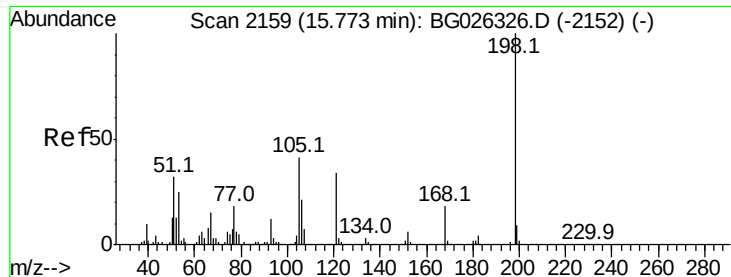
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

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



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





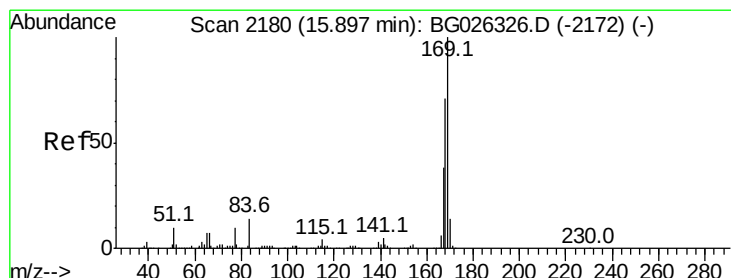
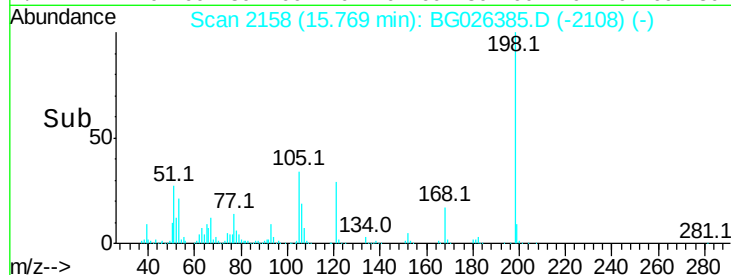
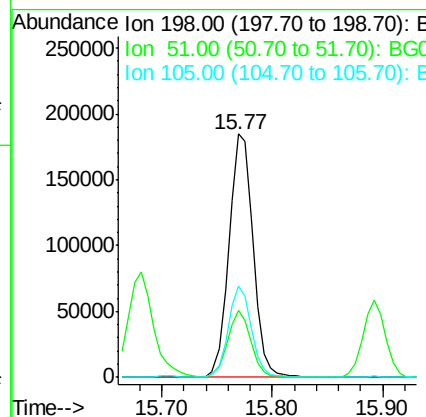
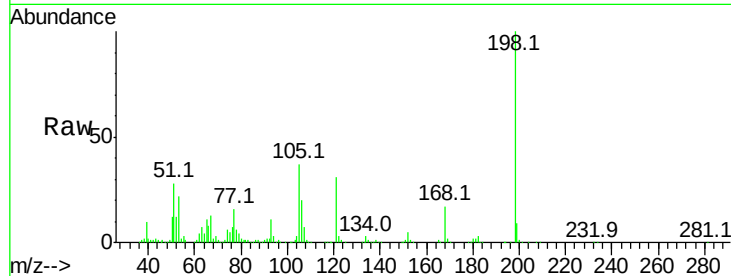
#64
4,6-Dinitro-2-methylphenol
Concen: 51.93 ng
RT: 15.77 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	282588		
51	27.7		22.6	62.6
105	37.3		14.4	54.4

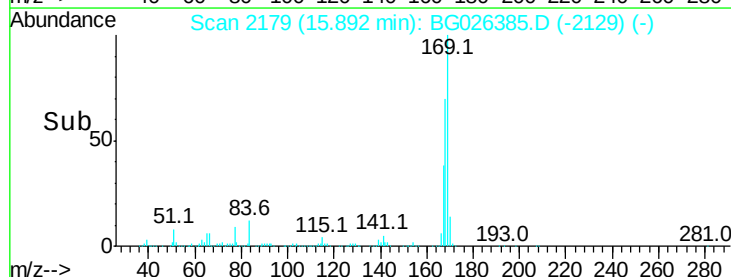
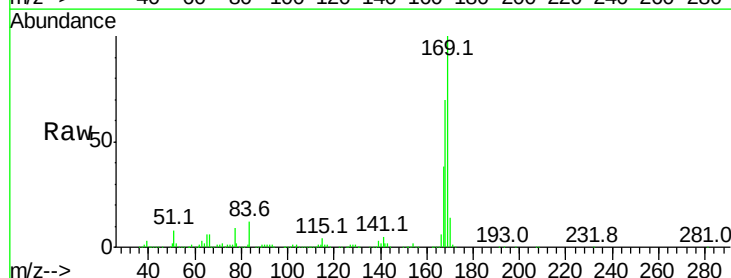
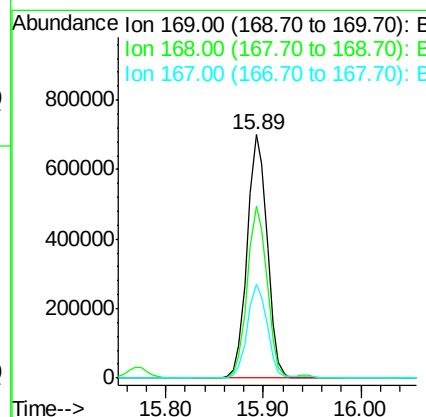
Manual Integrations
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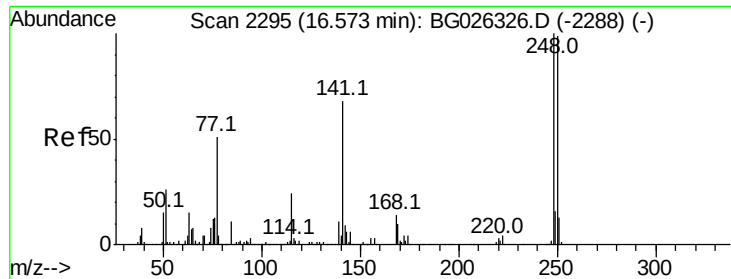
mohammad
3/23/2017 2:07:11 PM



#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	Ratio	Resp	Lower	Upper
169	100	999918		
168	70.4		55.7	83.5
167	38.4		29.8	44.6





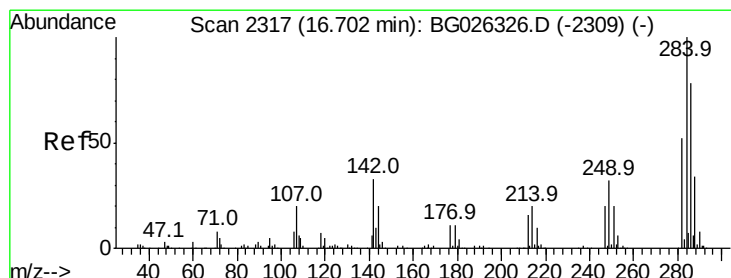
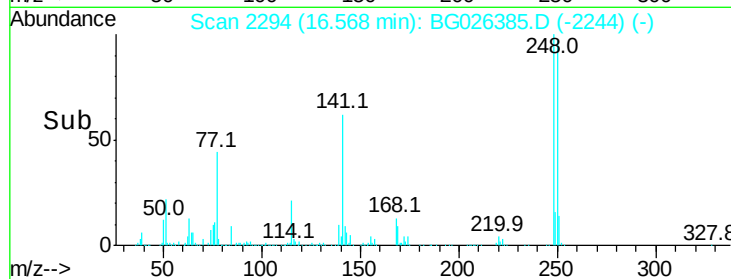
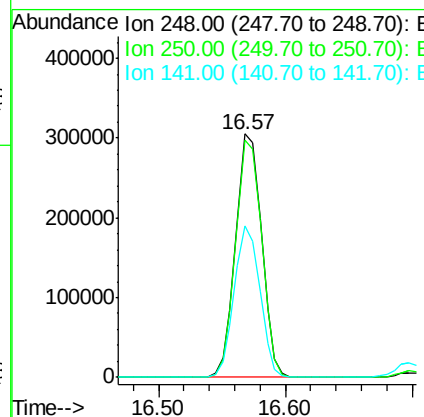
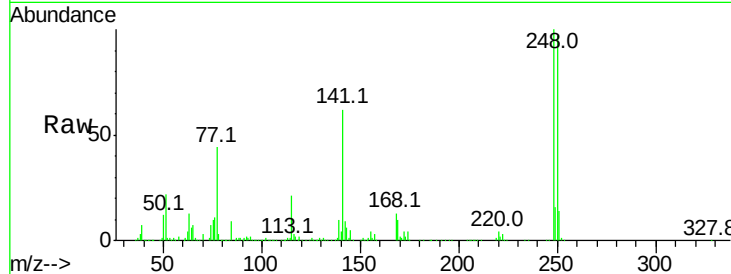
#66
4-Bromophenyl-phenylether
Concen: 48.62 ng
RT: 16.57 min Scan# 2294
Delta R.T. -0.00 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

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

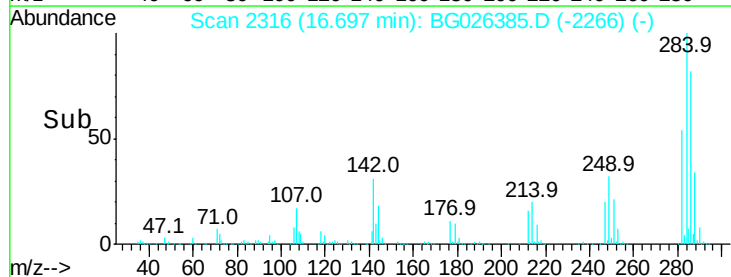
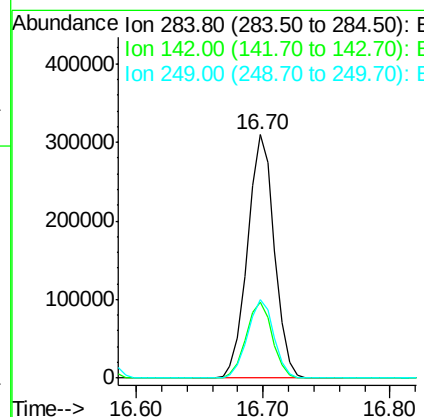
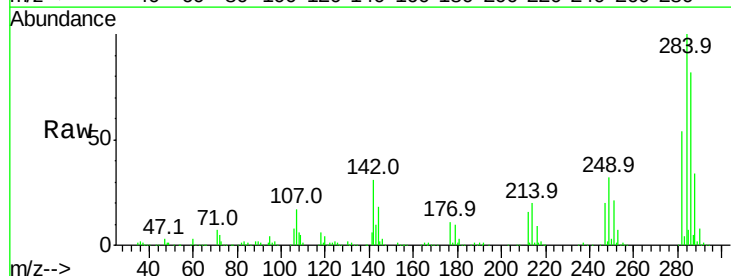
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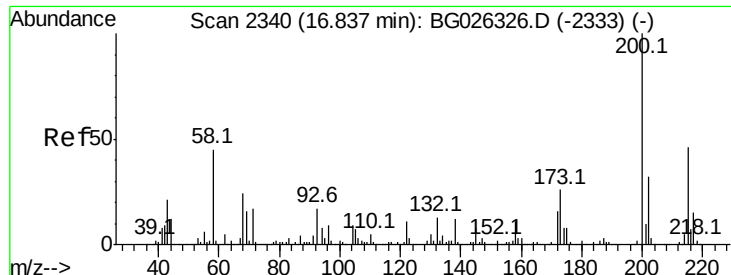
mohammad
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#67
Hexachlorobenzene
Concen: 47.72 ng
RT: 16.70 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

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





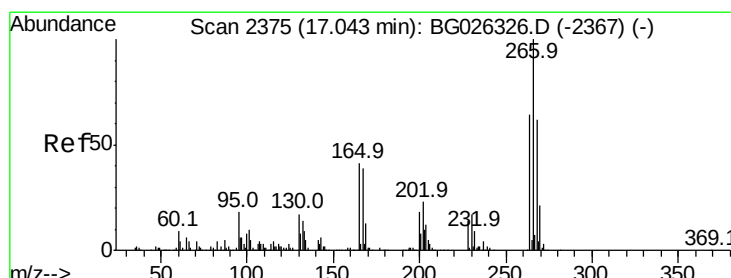
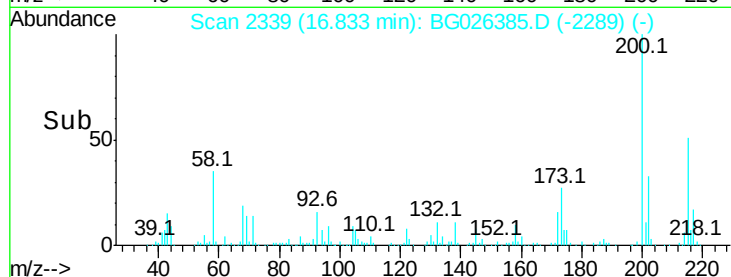
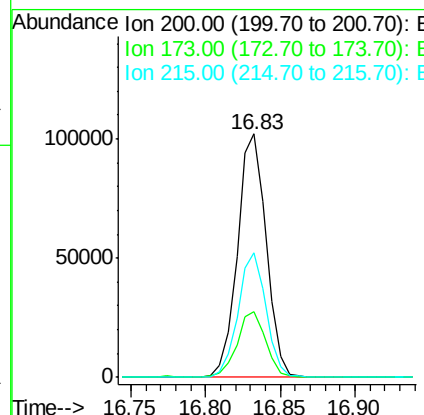
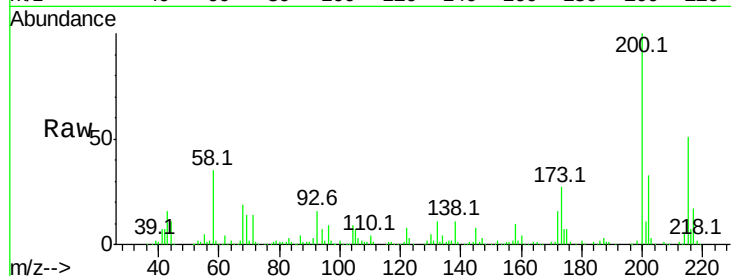
#68
Atrazine
Concen: 14.31 ng
RT: 16.83 min Scan# 2339
Delta R.T. -0.00 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	137205		
173	27.2	3.0	43.0	
215	51.4	28.4	68.4	

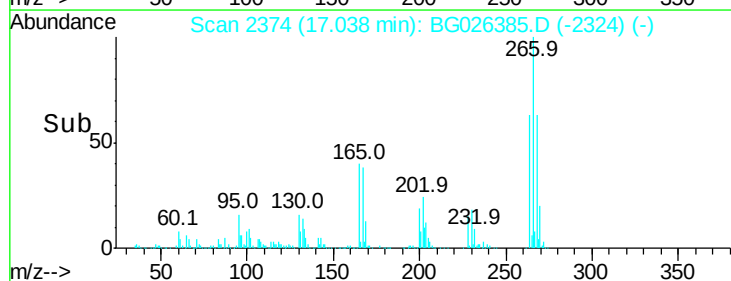
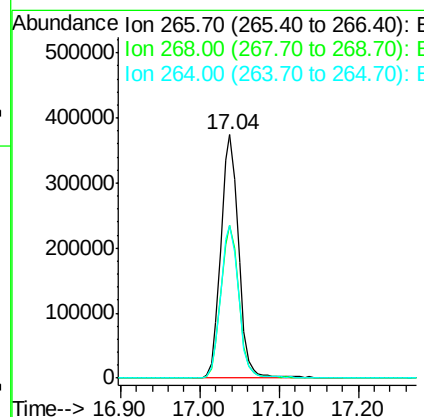
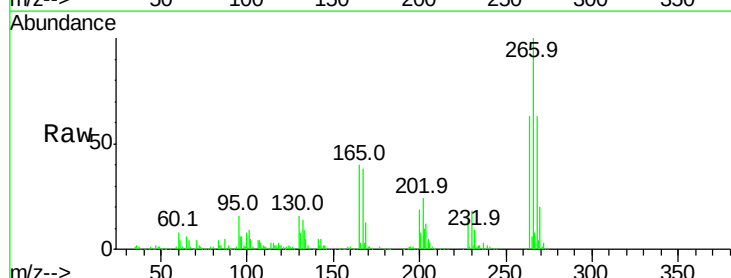
Manual Integrations
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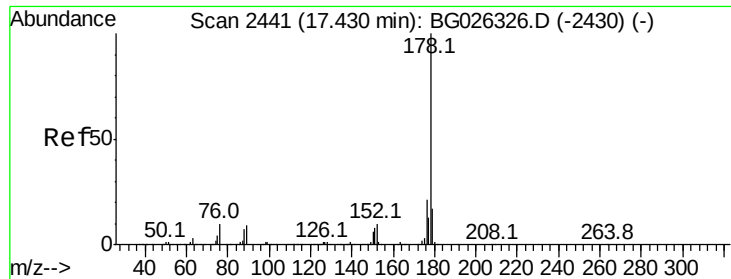
mohammad
3/23/2017 2:07:11 PM



#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	Ratio	Resp	Lower	Upper
266	100	583100		
268	62.7	48.6	72.8	
264	62.8	50.1	75.1	





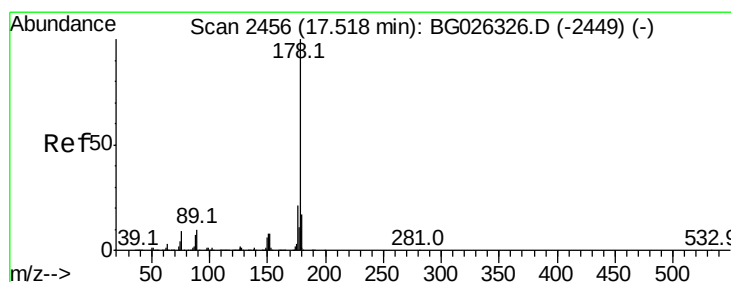
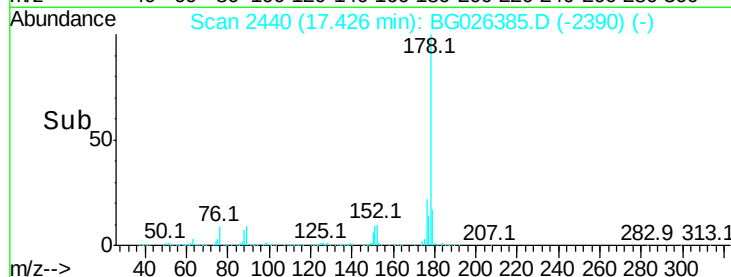
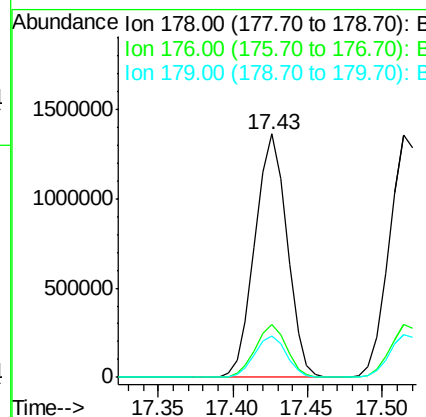
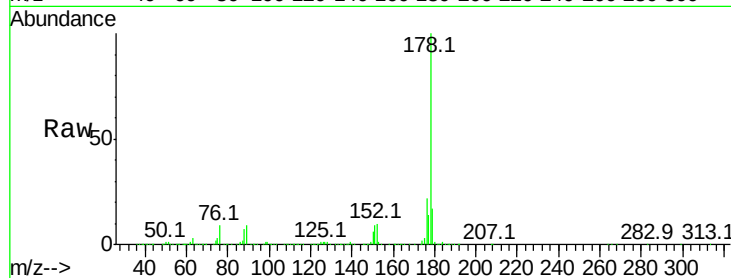
#70
Phenanthrene
Concen: 43.96 ng
RT: 17.43 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

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

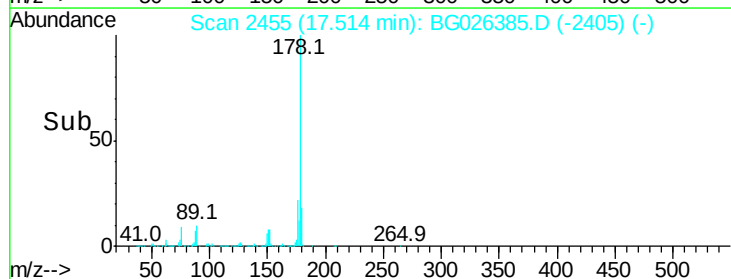
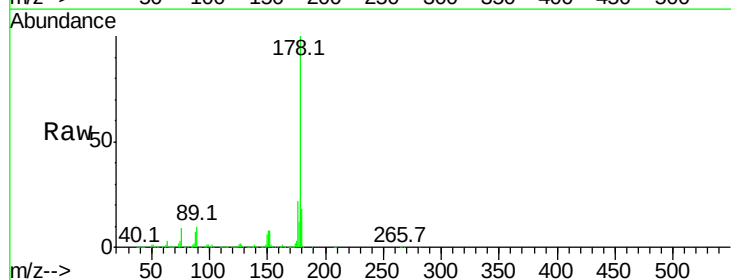
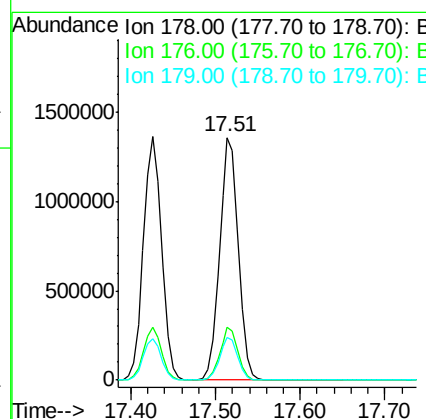
Manual Integrations
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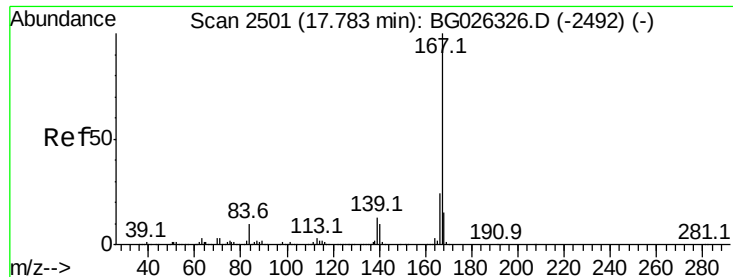
mohammad
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#71
Anthracene
Concen: 44.63 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.00 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

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





#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

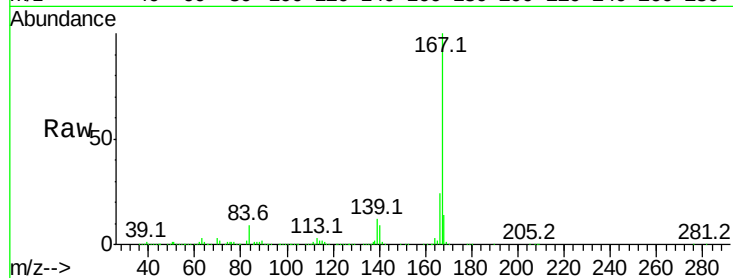
167 100

166 23.7 20.2 30.2

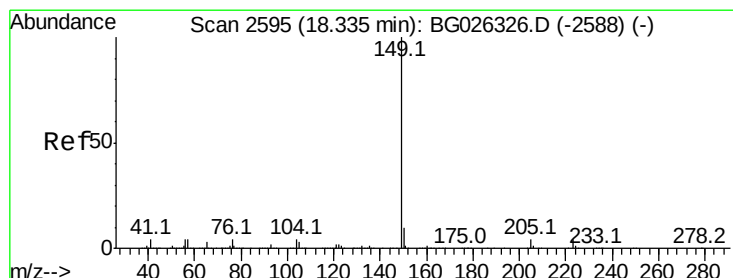
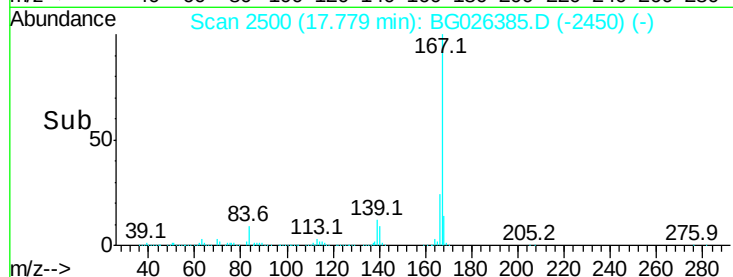
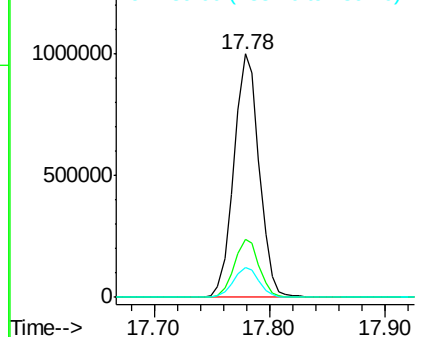
139 12.5 12.8 19.2#

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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

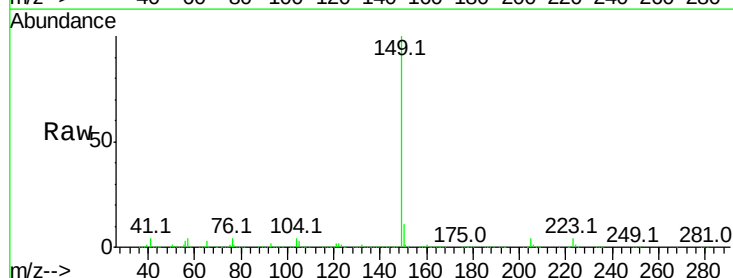
Tgt Ion:149 Resp: 2278080

Ion Ratio Lower Upper

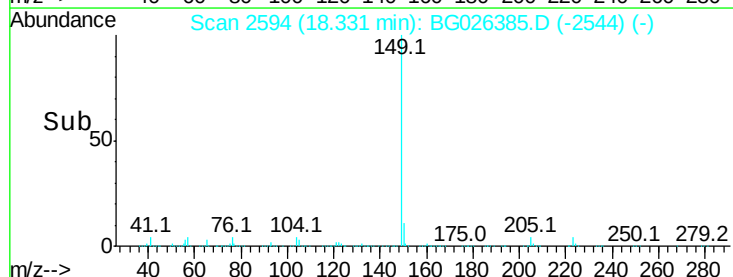
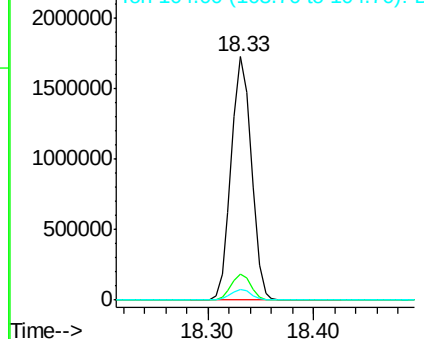
149 100

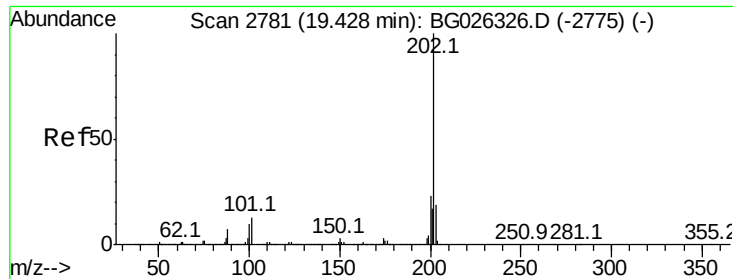
150 10.8 9.1 13.7

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





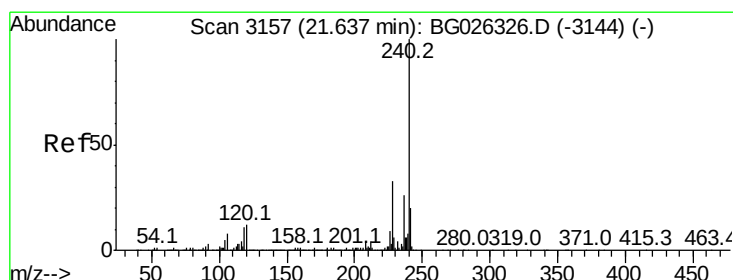
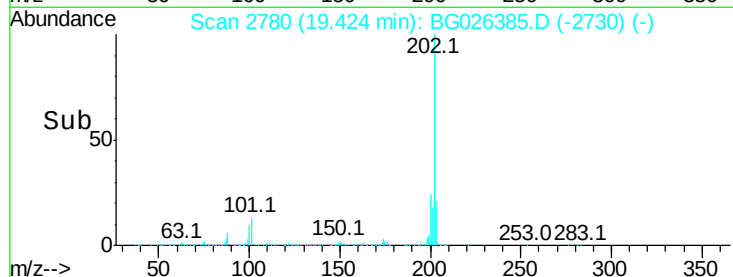
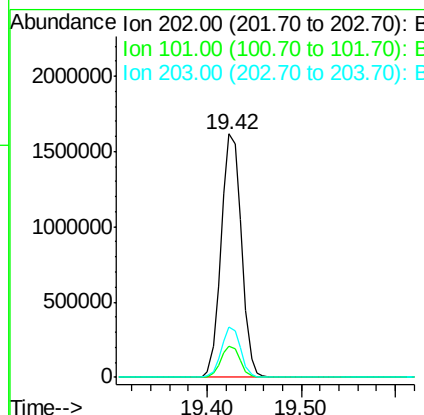
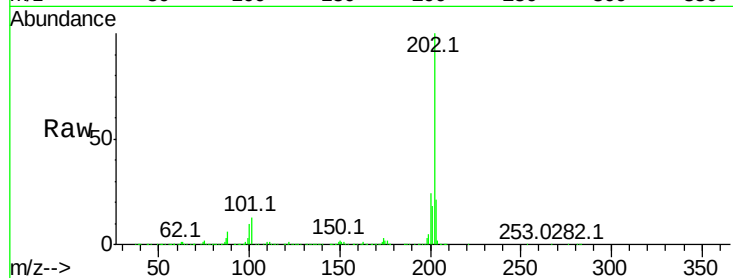
#74
Fluoranthene
Concen: 44.77 ng
RT: 19.42 min Scan# 2780
Delta R.T. -0.00 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	2440277		
101	12.9		0.0	30.1
203	20.7		1.3	41.3

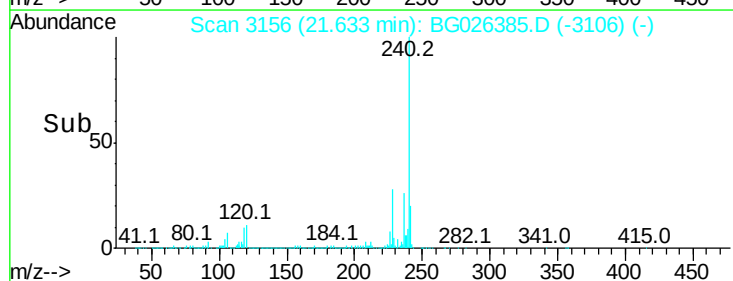
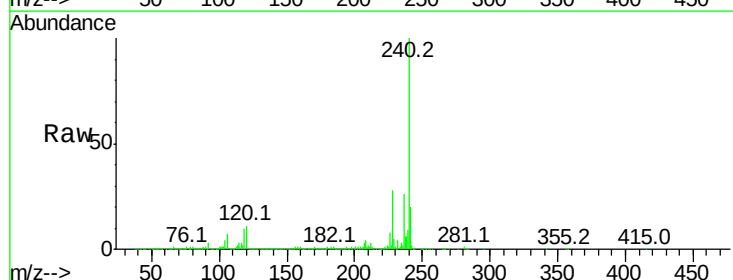
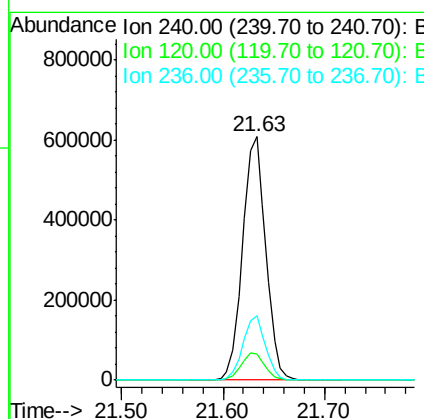
Manual Integrations
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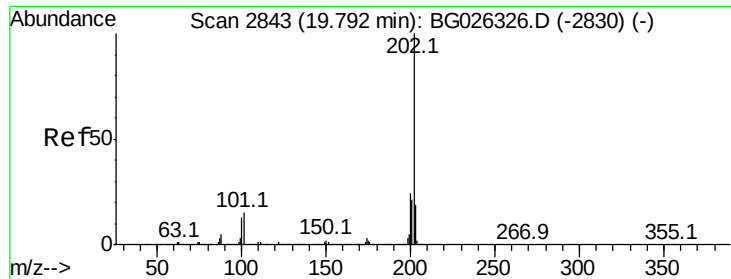
mohammad
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	961820		
120	10.9		5.7	8.5#
236	26.4		22.2	33.4





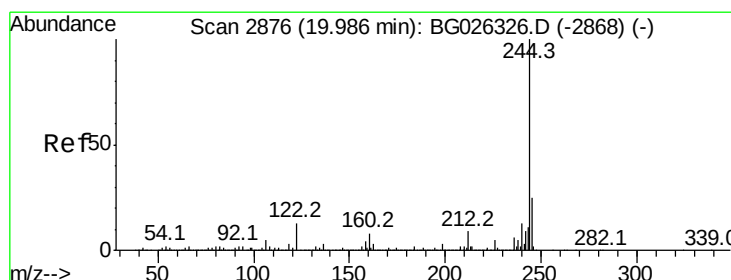
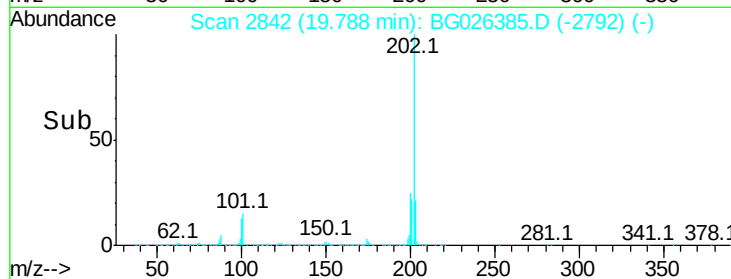
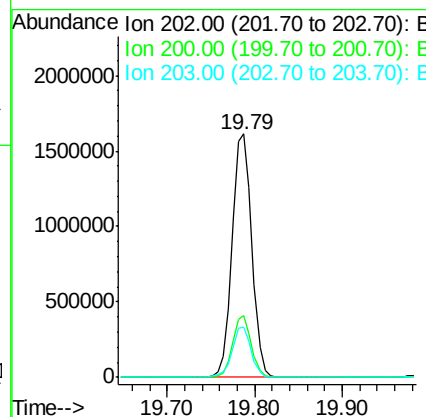
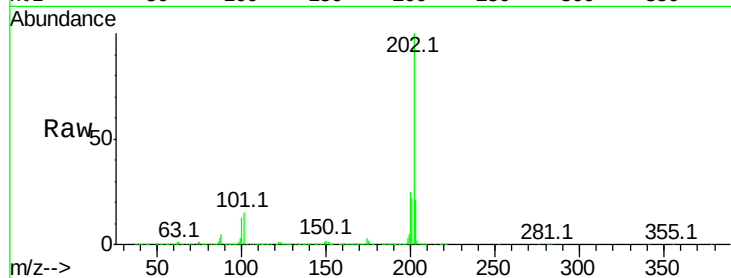
#77
Pvrene
Concen: 44.55 ng
RT: 19.79 min Scan# 2842
Delta R.T. -0.00 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMSD

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

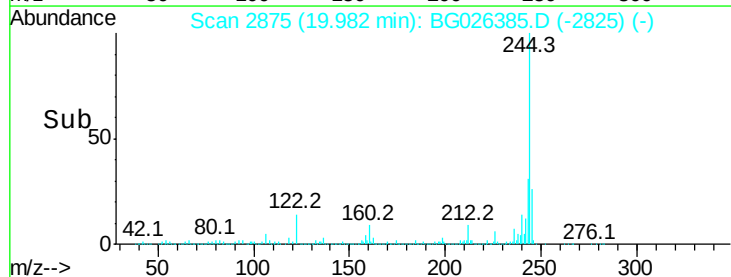
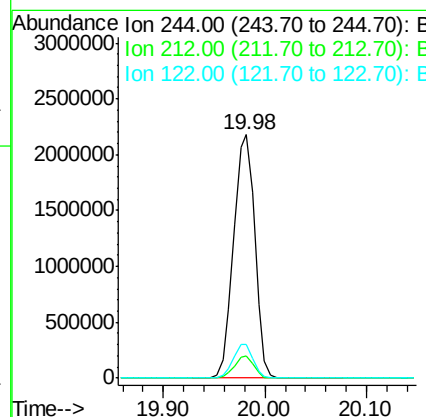
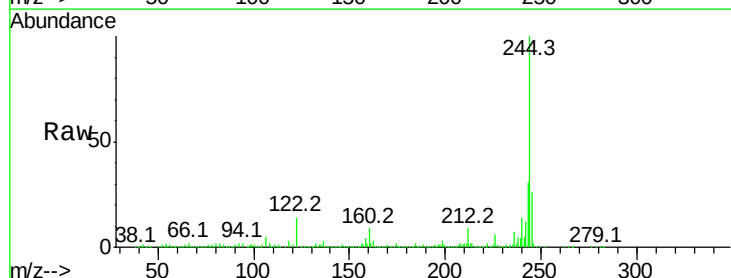
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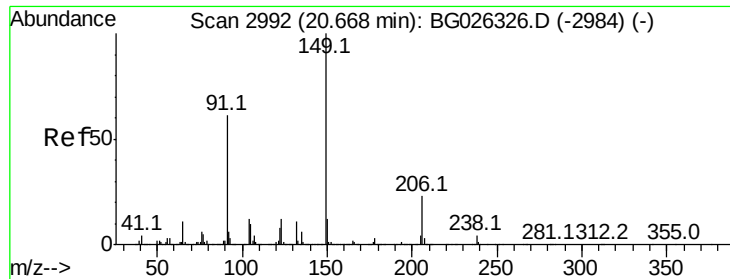
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#78
Terphenyl-d14
Concen: 79.92 ng
RT: 19.98 min Scan# 2875
Delta R.T. -0.00 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

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





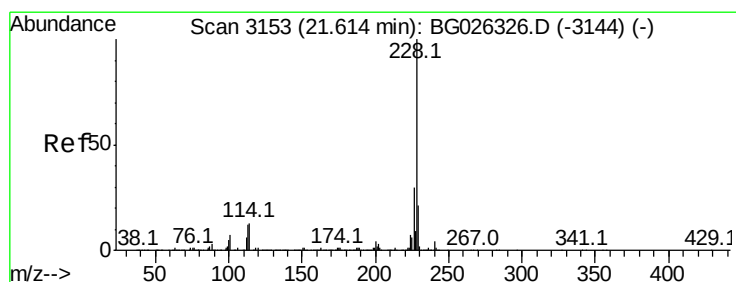
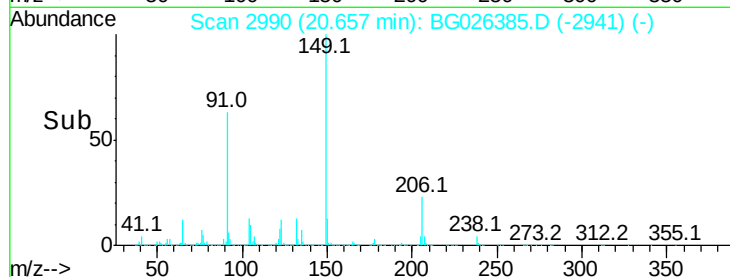
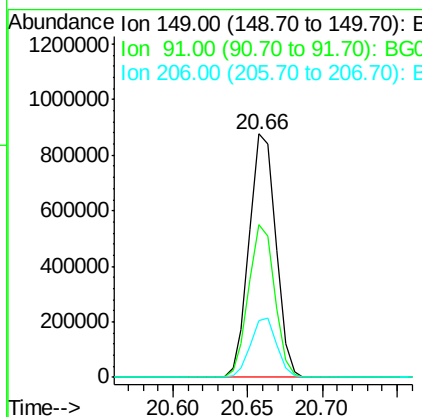
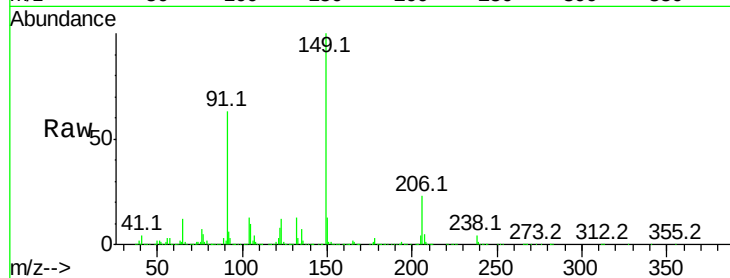
#79
Butylbenzylphthalate
Concen: 48.42 ng
RT: 20.66 min Scan# 2990
Delta R.T. -0.01 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMSD

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

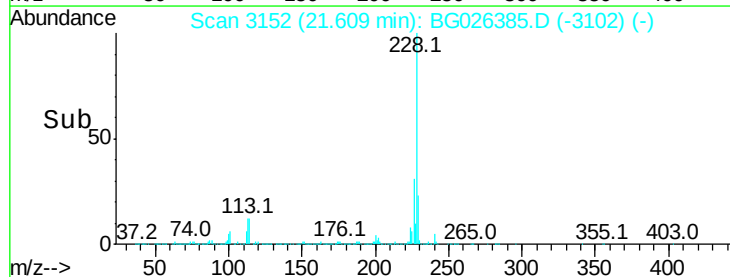
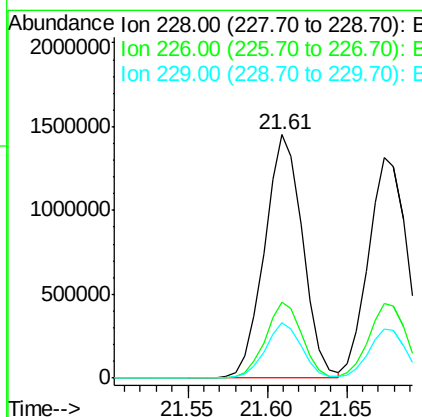
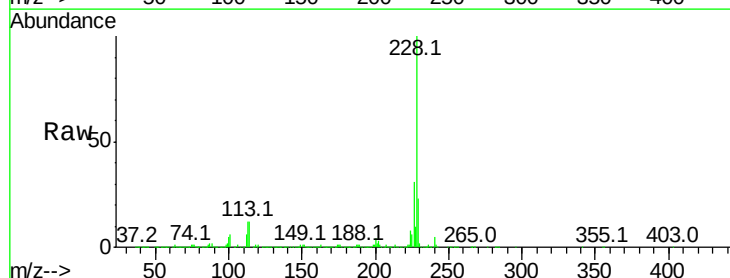
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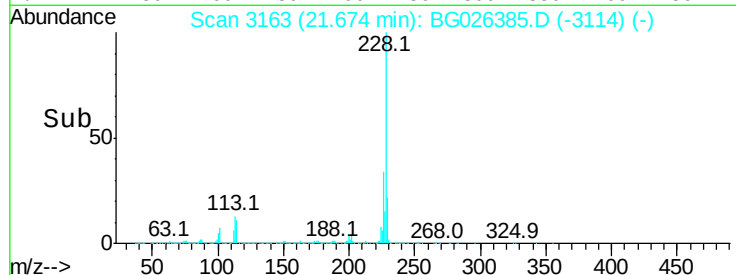
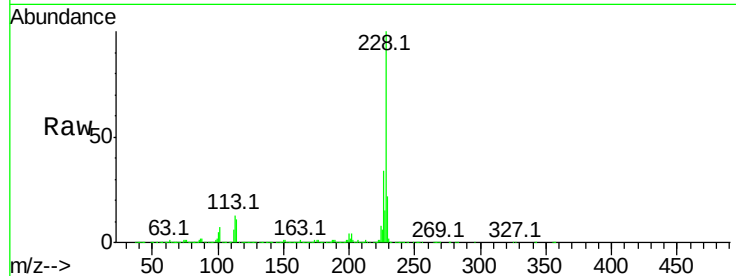
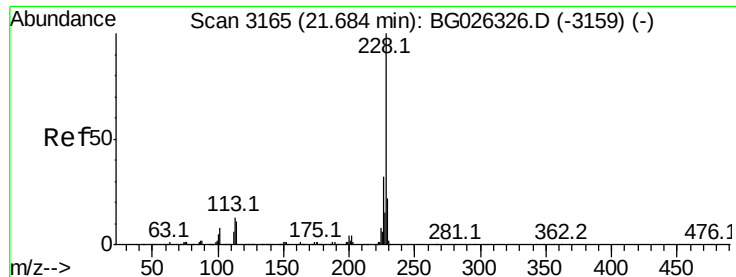
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#80
Benzo(a)anthracene
Concen: 44.85 ng
RT: 21.61 min Scan# 3152
Delta R.T. -0.00 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

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





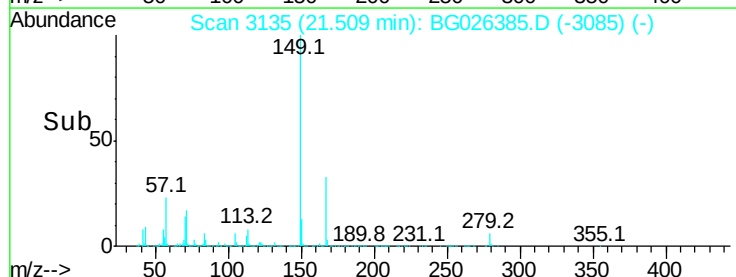
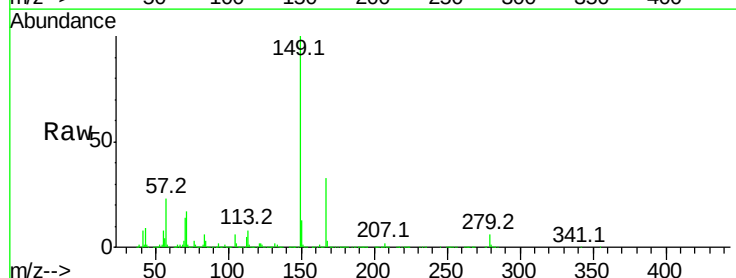
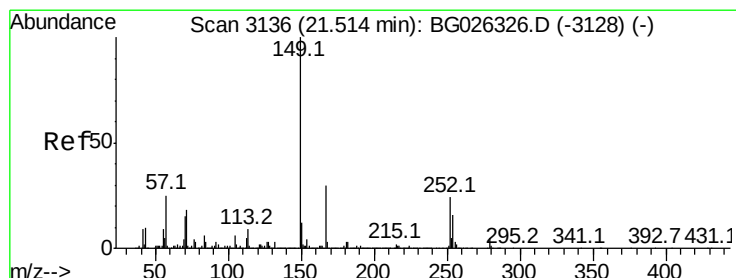
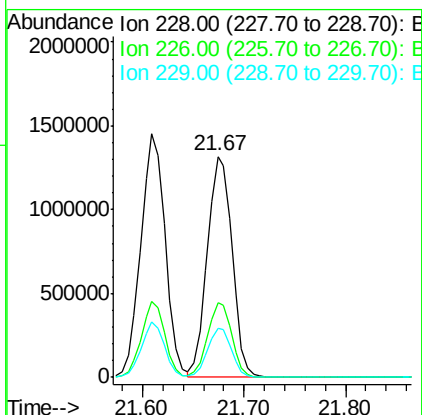
#82
 Chrysene
 Concen: 43.21 ng
 RT: 21.67 min Scan# 3163
 Delta R.T. -0.01 min
 Lab File: BG026385.D
 Acq: 22 Mar 2017 21:17

Instrument :
 BNA_G
 ClientSampleId :
 JFC-SOIL-COMPMSD

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

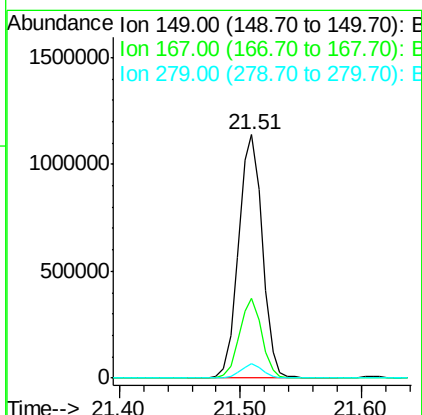
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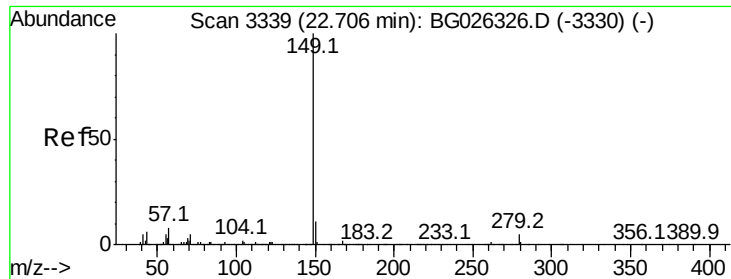
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.42 ng
 RT: 21.51 min Scan# 3135
 Delta R.T. -0.00 min
 Lab File: BG026385.D
 Acq: 22 Mar 2017 21:17

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





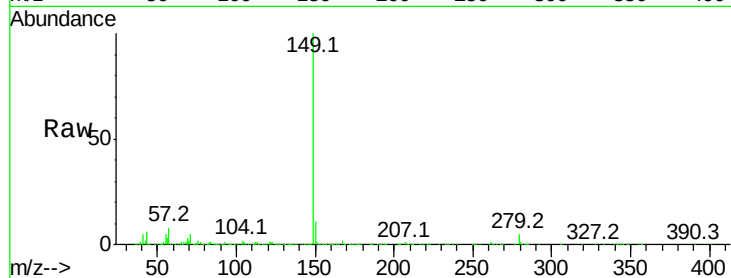
#84
Di-n-octyl phthalate
Concen: 46.35 ng
RT: 22.70 min Scan# 3337
Delta R.T. -0.01 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMSD

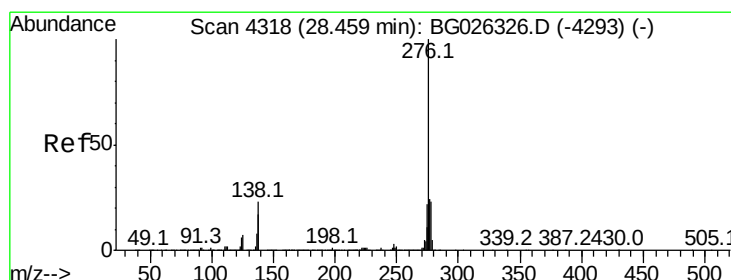
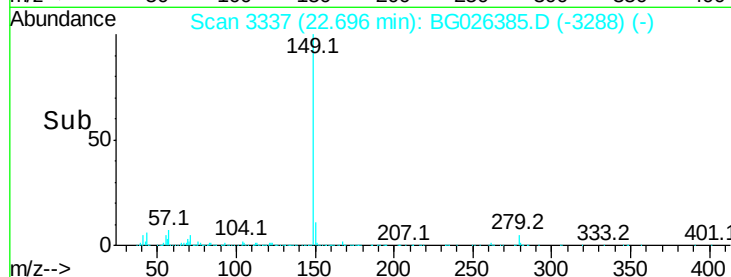
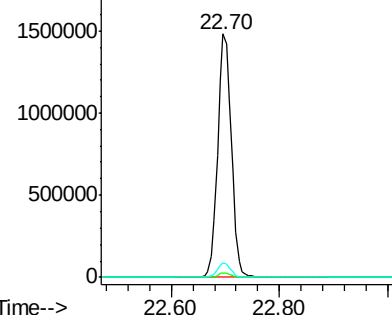
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	5.8	11.8	17.6#

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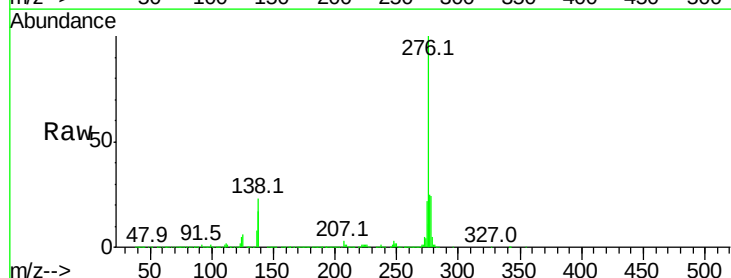


Abundance Ion 149.00 (148.70 to 149.70): E
2000000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

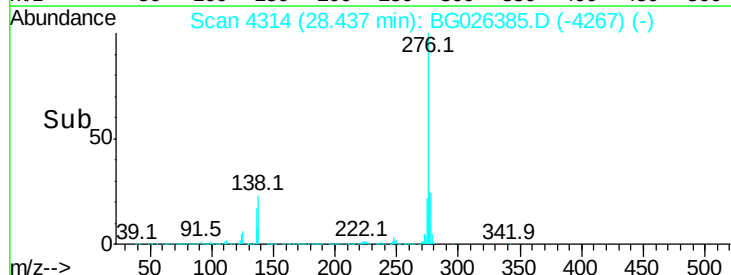
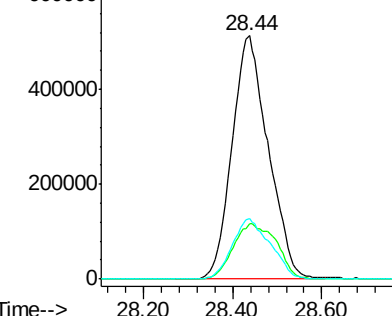


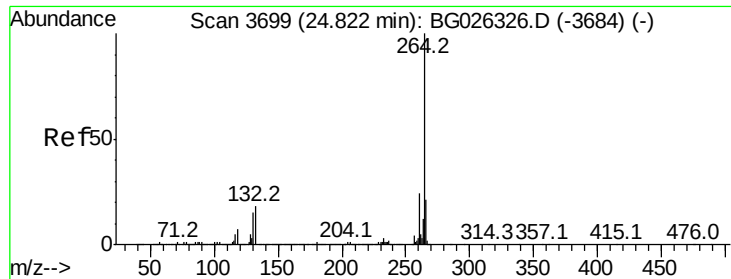
#85
Indeno(1,2,3-cd)pyrene
Concen: 44.88 ng
RT: 28.44 min Scan# 4314
Delta R.T. -0.02 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

Tgt Ion	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
600000
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

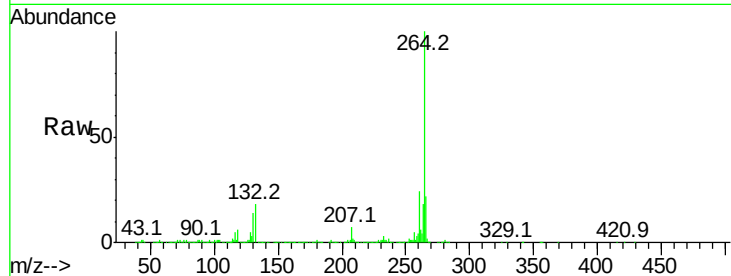
ClientSampleId :

JFC-SOIL-COMPMSD

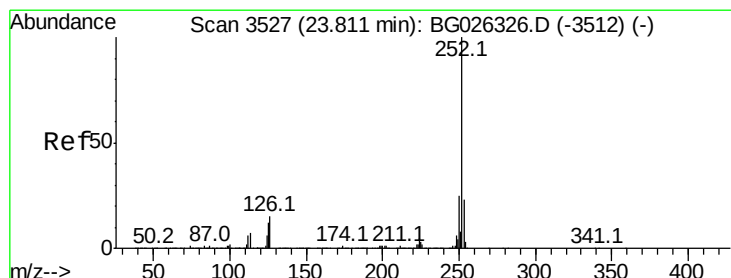
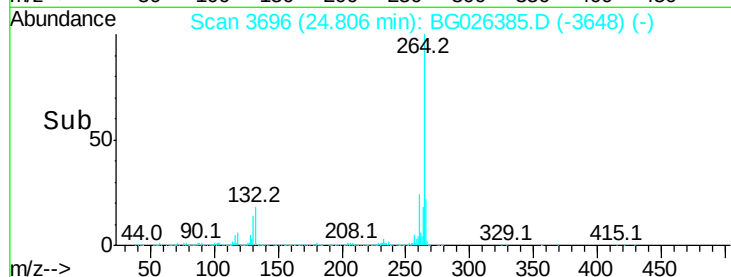
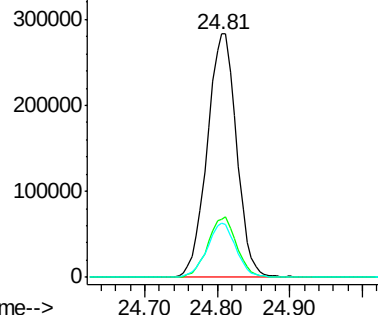
Tot Ion:	264	Resp:	795462
Ion Ratio	Lower	Upper	
264	100		
260	23.8	21.8	32.8
265	22.1	18.2	27.4

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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

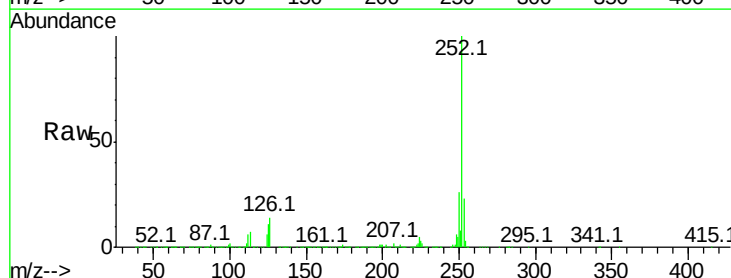
RT: 23.80 min Scan# 3525

Delta R.T. -0.01 min

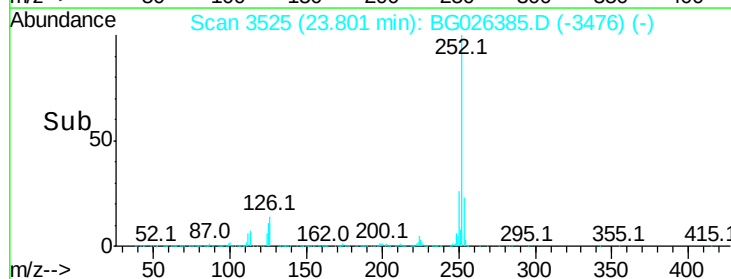
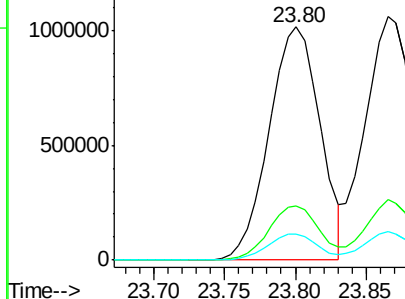
Lab File: BG026385.D

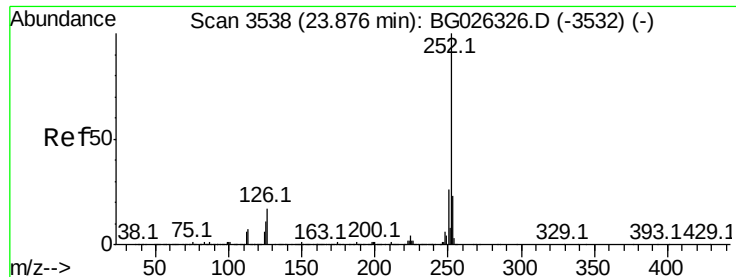
Acq: 22 Mar 2017 21:17

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





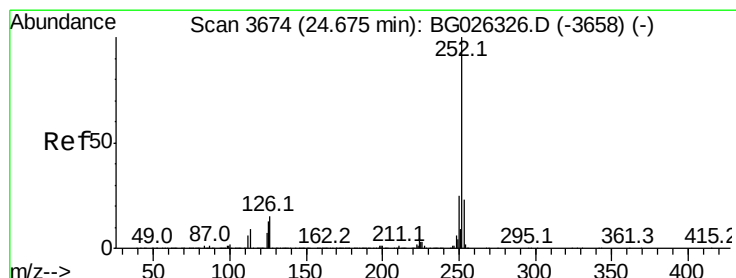
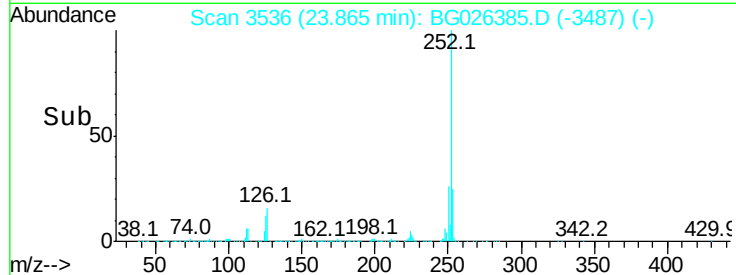
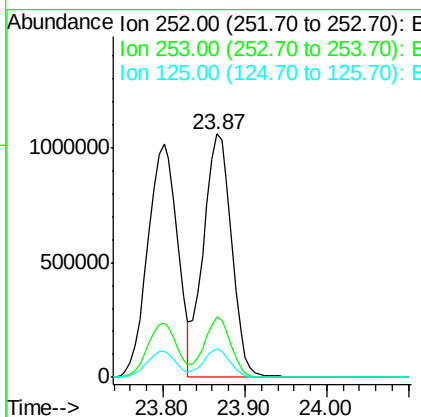
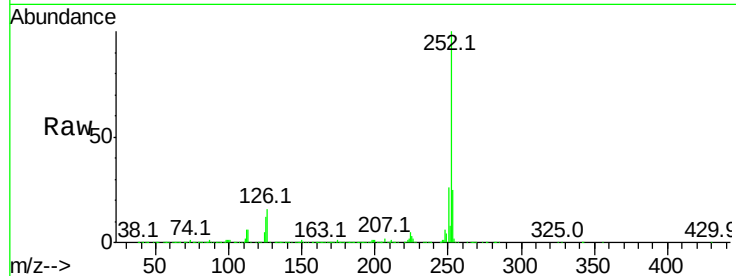
#88
Benzo(k)fluoranthene
Concen: 55.81 ng
RT: 23.87 min Scan# 3536
Delta R.T. -0.01 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMPMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	20.2	30.2
125	11.6	5.1	7.7

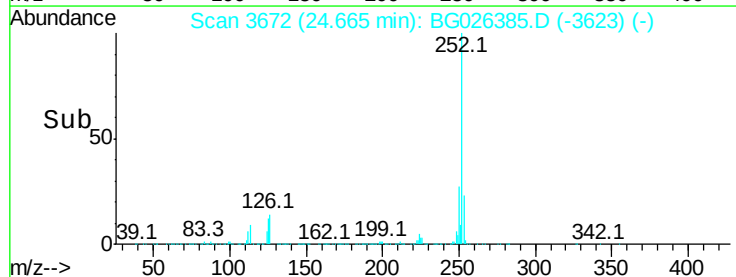
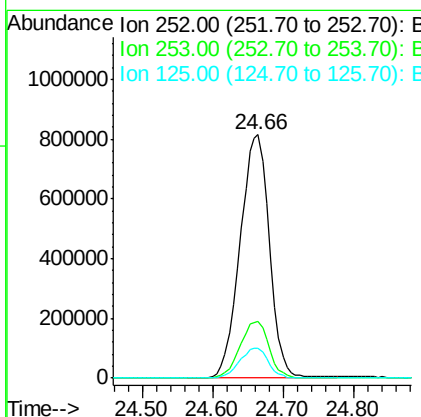
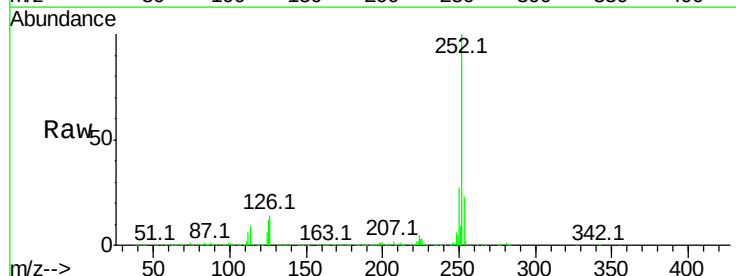
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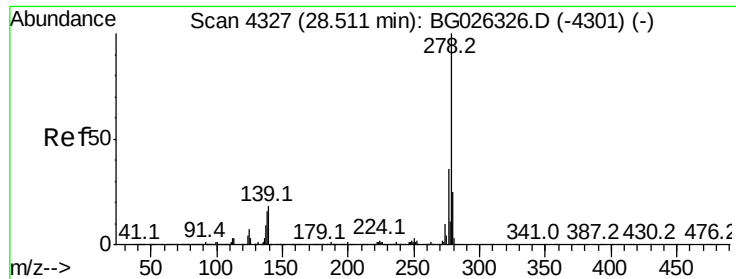
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#89
Benzo(a)pyrene
Concen: 52.23 ng
RT: 24.66 min Scan# 3672
Delta R.T. -0.01 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.2	28.8
125	12.2	5.4	8.0





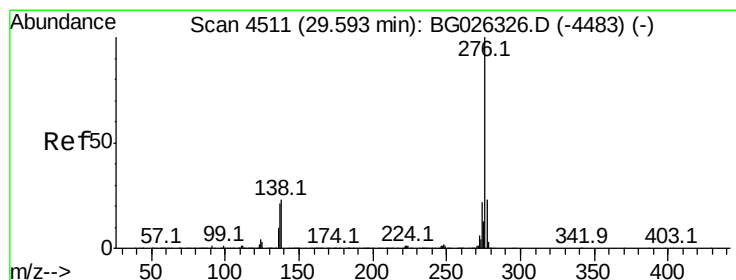
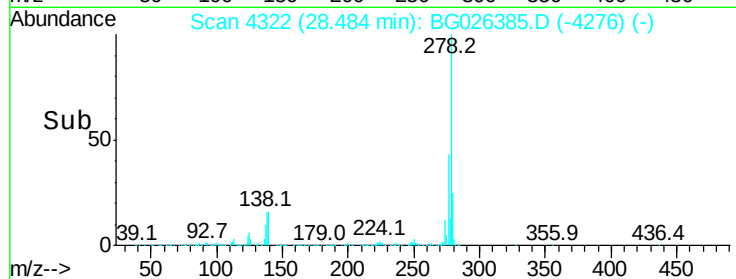
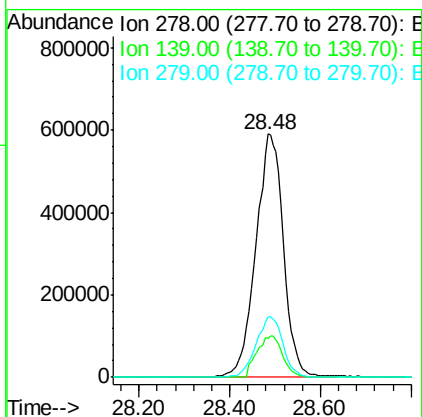
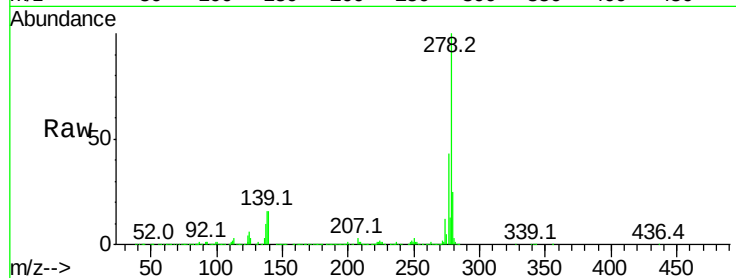
#90
Dibenzo(a,h)anthracene
Concen: 55.05 ng
RT: 28.48 min Scan# 4322
Delta R.T. -0.03 min
Lab File: BG026385.D
Acq: 22 Mar 2017 21:17

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

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#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#

