

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041917\
 Data File : BG026667.D
 Acq On : 19 Apr 2017 22:11
 Operator : SJ/MA
 Sample : I2718-02MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-B48-B49-001MS

Manual Integrations
 APPROVED

mohammad
 4/20/2017 1:55:05 PM

Quant Time: Apr 20 02:23:59 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 18:04:39 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	179214	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	794355	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	506587	20.00	ng	-0.02
63) Phenanthrene-d10	17.37	188	1210517	20.00	ng	-0.02
75) Chrysene-d12	21.62	240	1236683	20.00	ng	-0.02
86) Perylene-d12	24.79	264	1132706	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1426223	144.67	ng	0.00
7) Phenol-d6	7.23	99	1877747	145.36	ng	0.03
23) Nitrobenzene-d5	9.19	82	1090564	95.80	ng	-0.02
41) 2,4,6-Tribromophenol	16.13	330	984719	139.50	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	2903261	85.35	ng	-0.02
78) Terphenyl-d14	19.97	244	3906974	93.27	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	132167	25.64	ng	# 82
3) Pyridine	3.90	79	561678	48.67	ng	# 63
4) n-Nitrosodimethylamine	3.80	42	138115	41.14	ng	# 1
6) Aniline	7.37	93	208808	12.94	ng	# 88
8) 2-Chlorophenol	7.61	128	579254	49.24	ng	# 80
9) Benzaldehyde	7.17	77	64004	7.31	ng	# 68
10) Phenol	7.26	94	669336	47.62	ng	# 69
11) bis(2-Chloroethyl)ether	7.44	93	524527	46.88	ng	# 81
12) 1,3-Dichlorobenzene	7.92	146	562470	40.57	ng	# 85
13) 1,4-Dichlorobenzene	8.07	146	574565	40.80	ng	# 93
14) 1,2-Dichlorobenzene	8.38	146	557916	41.93	ng	# 91
15) Benzyl Alcohol	8.28	79	417455	51.68	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	8.56	45	482534	44.58	ng	77
17) 2-Methylphenol	8.50	107	507817	51.56	ng	# 80
18) Hexachloroethane	9.11	117	183669	41.33	ng	95
19) n-Nitroso-di-n-propylamine	8.83	70	379406	47.38	ng	# 70
20) 3+4-Methylphenols	8.83	107	700061	51.73	ng	90
22) Acetophenone	8.85	105	802136	44.19	ng	# 76
24) Nitrobenzene	9.23	77	552982	45.87	ng	# 71
25) Isophorone	9.75	82	1079560	46.26	ng	# 87
26) 2-Nitrophenol	9.95	139	348059	47.66	ng	# 61
27) 2,4-Dimethylphenol	10.02	122	597764	50.71	ng	84
28) bis(2-Chloroethoxy)methane	10.23	93	696304	45.65	ng	# 98
29) 2,4-Dichlorophenol	10.51	162	660793	53.60	ng	93
30) 1,2,4-Trichlorobenzene	10.69	180	595486	43.33	ng	98
31) Naphthalene	10.88	128	1725341	44.25	ng	98
32) Benzoic acid	10.19	122	417968	50.07	ng	# 68
33) 4-Chloroaniline	11.01	127	63601	3.80	ng	# 80
34) Hexachlorobutadiene	11.17	225	340247	43.30	ng	96
35) Caprolactam	11.76	113	199671m	41.71	ng	
36) 4-Chloro-3-methylphenol	12.15	107	667528	53.76	ng	# 73
37) 2-Methylnaphthalene	12.48	142	1382600	46.08	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	658000	42.17	ng	99
40) Hexachlorocyclopentadiene	12.83	237	718569	91.14	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	546055	49.14	nq	98
43) 2,4,5-Trichlorophenol	13.18	196	596878	50.80	nq	# 92
45) 1,1'-Biphenyl	13.48	154	1807334	43.90	nq	99
46) 2-Chloronaphthalene	13.53	162	1388724	44.52	nq	97
47) 2-Nitroaniline	13.73	65	392385	49.25	nq	# 53
48) Acenaphthylene	14.37	152	2281666	45.48	nq	99
49) Dimethylphthalate	14.10	163	1864401	46.49	nq	98
50) 2,6-Dinitrotoluene	14.21	165	458582	48.90	nq	# 60
51) Acenaphthene	14.70	154	1463496	45.84	nq	99
52) 3-Nitroaniline	14.56	138	133697	13.07	nq	# 61
53) 2,4-Dinitrophenol	14.76	184	595620	104.01	nq	# 74
54) Dibenzofuran	15.04	168	2241692	45.05	nq	91
55) 4-Nitrophenol	14.91	139	677368	78.45	nq	# 39
56) 2,4-Dinitrotoluene	15.00	165	656486	49.30	nq	# 68
57) Fluorene	15.68	166	1881305	45.91	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.27	232	548443	45.90	nq	# 95
59) Diethylphthalate	15.45	149	1861006	45.65	nq	97
60) 4-Chlorophenyl-phenylether	15.67	204	958292	46.86	nq	89
61) 4-Nitroaniline	15.72	138	363390	33.32	nq	# 51
62) Azobenzene	15.96	77	1455560	46.27	nq	76
64) 4,6-Dinitro-2-methylphenol	15.76	198	418170	51.15	nq	84
65) n-Nitrosodiphenylamine	15.89	169	1258294	36.03	nq	98
66) 4-Bromophenyl-phenylether	16.56	248	658896	49.82	nq	92
67) Hexachlorobenzene	16.69	284	693414	47.69	nq	# 89
68) Atrazine	16.83	200	116183	8.51	nq	98
69) Pentachlorophenol	17.04	266	796786	90.70	nq	95
70) Phenanthrene	17.42	178	2847557	45.69	nq	97
71) Anthracene	17.51	178	2961409	45.98	nq	96
72) Carbazole	17.78	167	1844879	29.91	nq	97
73) Di-n-butylphthalate	18.32	149	3050394	44.11	nq	# 95
74) Fluoranthene	19.42	202	3106749	42.99	nq	97
76) Benzidine	19.66	184	47405m	5.02	nq	
77) Pyrene	19.78	202	3130550	47.02	nq	95
79) Butylbenzylphthalate	20.65	149	1432610	50.01	nq	# 84
80) Benzo(a)anthracene	21.60	228	3117204	46.67	nq	97
81) 3,3'-Dichlorobenzidine	21.52	252	87395	3.16	nq	# 99
82) Chrysene	21.67	228	2885312	46.94	nq	97
83) Bis(2-ethylhexyl)phthalate	21.50	149	2030929	49.19	nq	93
84) Di-n-octyl phthalate	22.69	149	3433533	49.81	nq	# 82
85) Indeno(1,2,3-cd)pyrene	28.41	276	4046014	48.01	nq	# 87
87) Benzo(b)fluoranthene	23.78	252	3384810	52.19	nq	# 94
88) Benzo(k)fluoranthene	23.85	252	3250097	51.99	nq	# 96
89) Benzo(a)pyrene	24.65	252	3169778	50.63	nq	# 96
90) Dibenzo(a,h)anthracene	28.47	278	3458501	53.78	nq	# 93
91) Benzo(g,h,i)perylene	29.55	276	3301613	51.34	nq	# 88

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

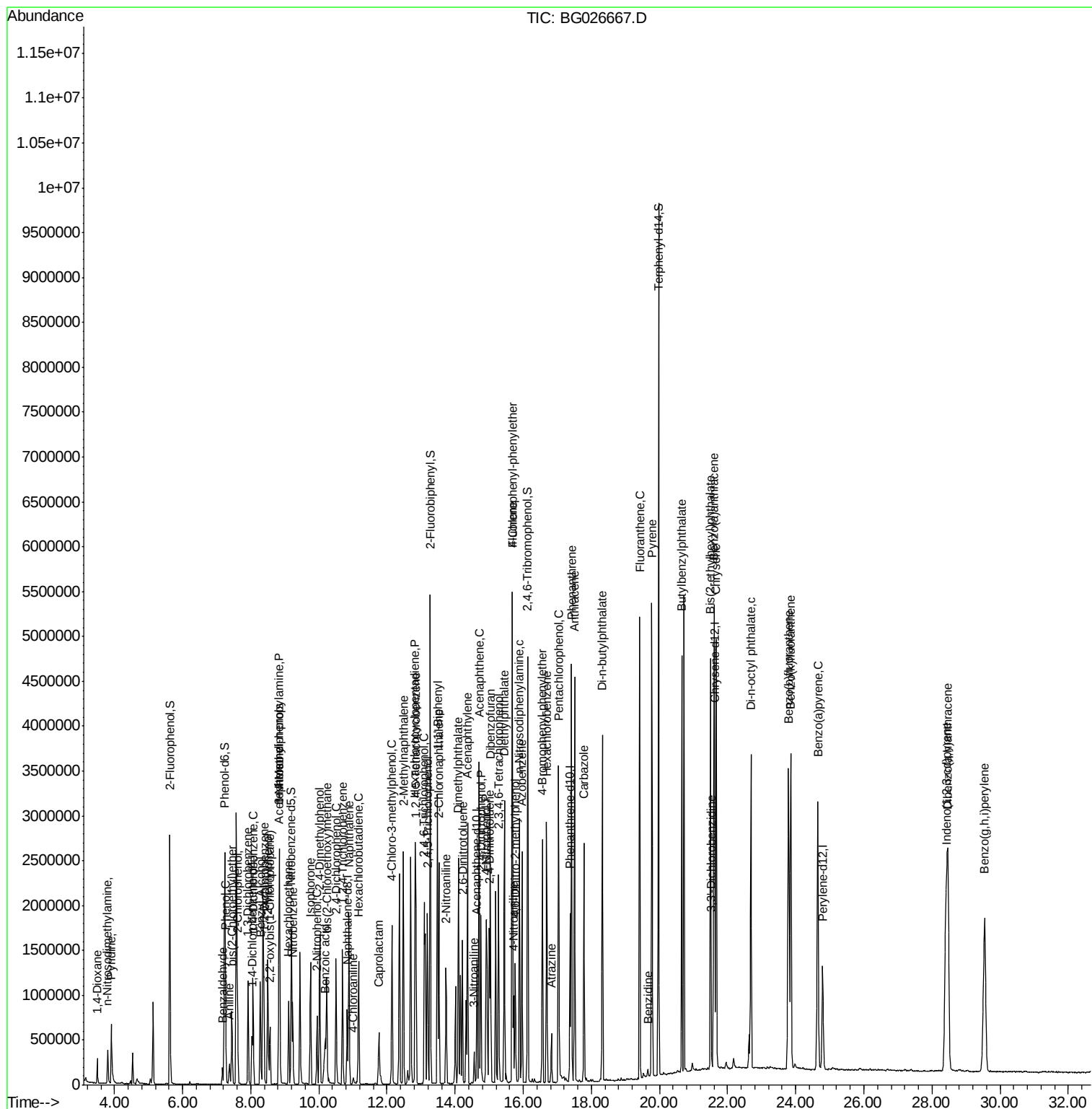
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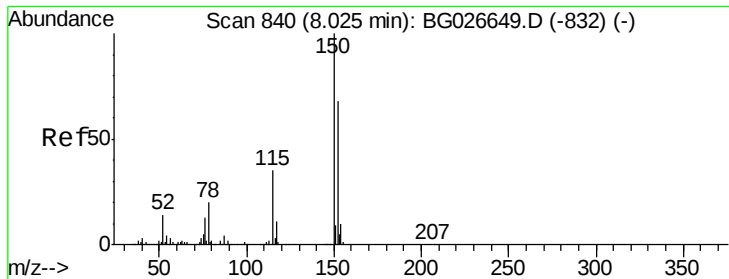
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#1

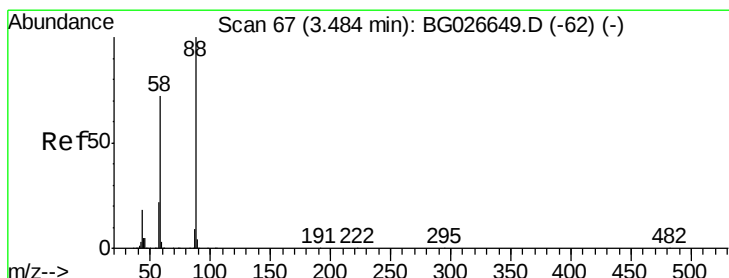
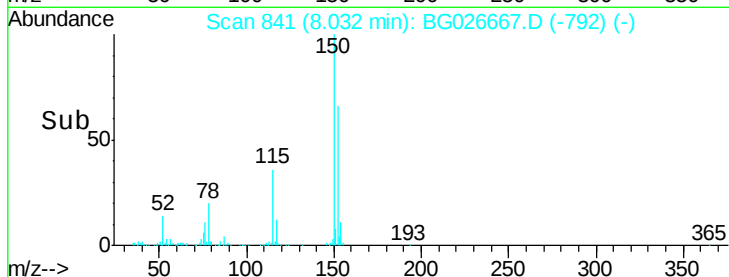
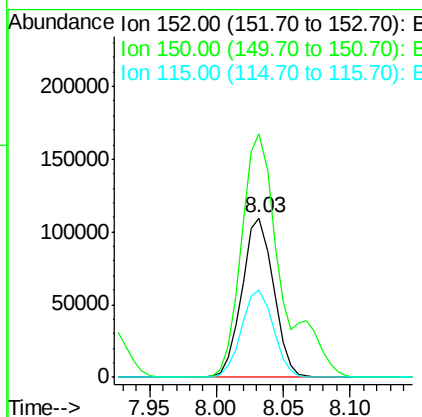
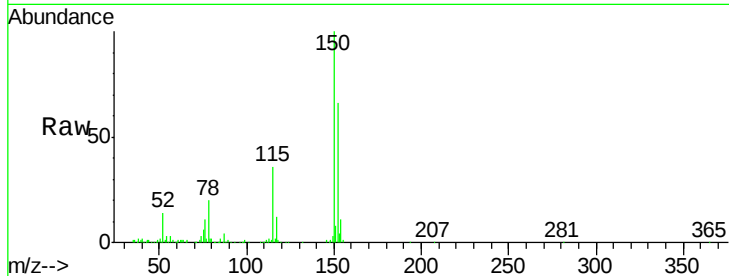
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG026667.D
Acq: 19 Apr 2017 22:11

Instrument :
BNA_G
ClientSampleId :
WC-B48-B49-001MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	114.0	171.0
115	54.9	48.1	72.1

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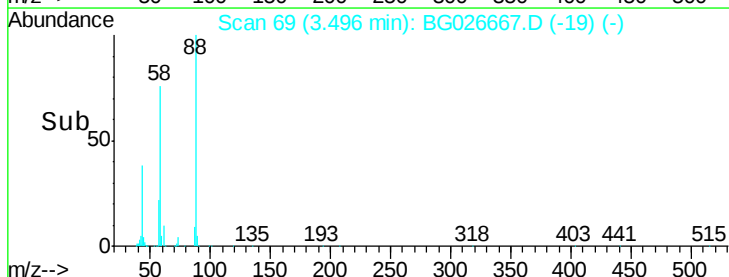
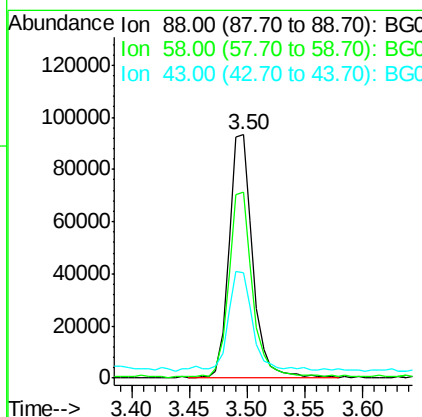
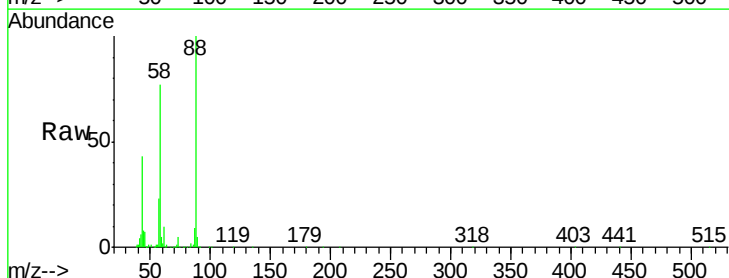
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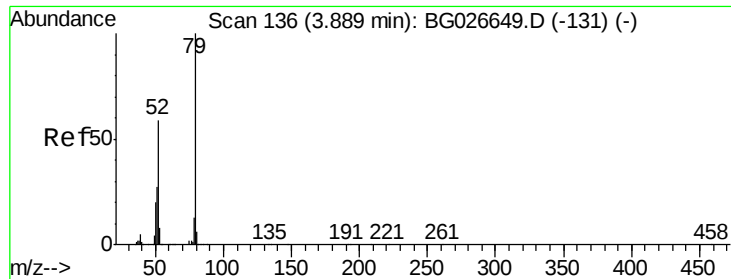


#2

1,4-Dioxane
Concen: 25.64 ng
RT: 3.50 min Scan# 69
Delta R.T. -0.01 min
Lab File: BG026667.D
Acq: 19 Apr 2017 22:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.8	79.4	119.2#
43	38.7	33.8	50.6





#3

Pvridine

Concen: 48.67 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.00 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

Instrument :

BNA_G

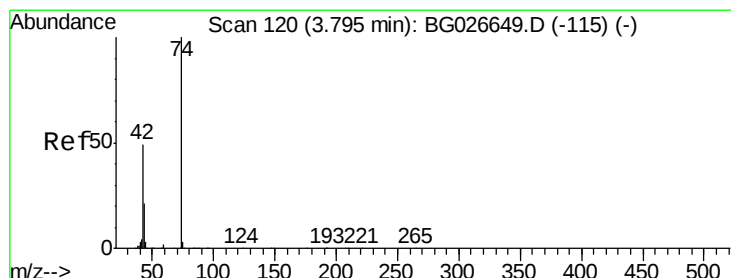
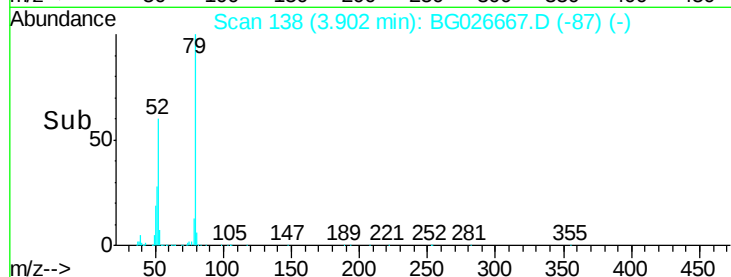
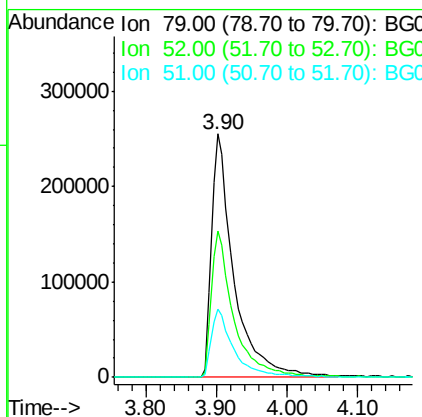
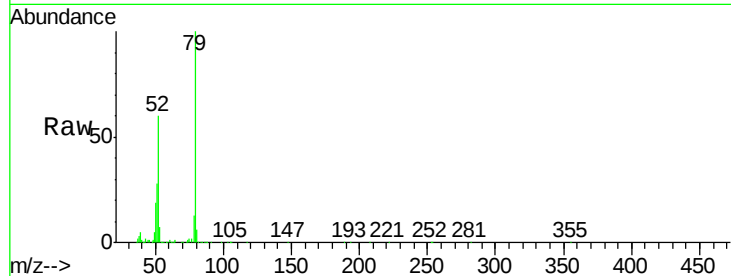
ClientSampleId :

WC-B48-B49-001MS

Tot Ion:	79	Resp:	561678
Ion Ratio	Lower	Upper	
79	100		
52	60.0	77.8	116.6#
51	27.8	43.2	64.8#

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#4

n-Nitrosodimethylamine

Concen: 41.14 ng

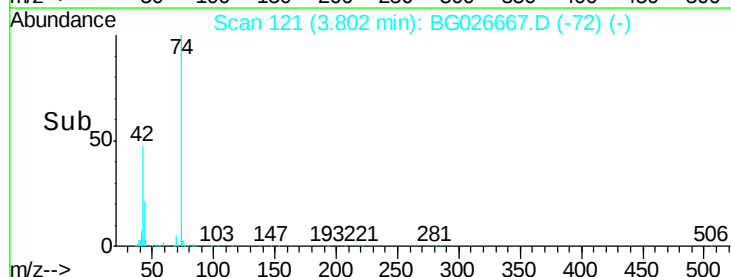
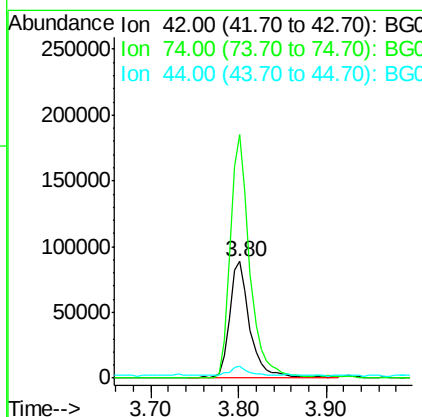
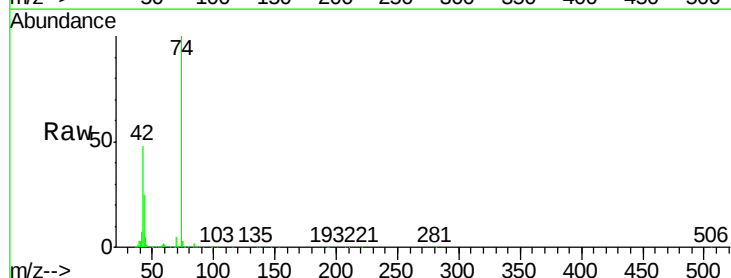
RT: 3.80 min Scan# 121

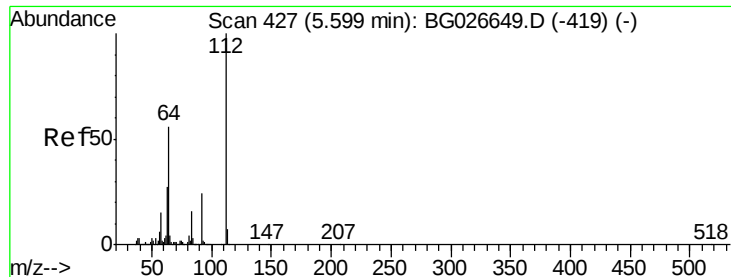
Delta R.T. -0.02 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

Tgt Ion:	42	Resp:	138115
Ion Ratio	Lower	Upper	
42	100		
74	209.4	76.7	115.1#
44	10.0	6.1	9.1#





#5

2-Fluorophenol

Concen: 144.67 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.01 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

Instrument :

BNA_G

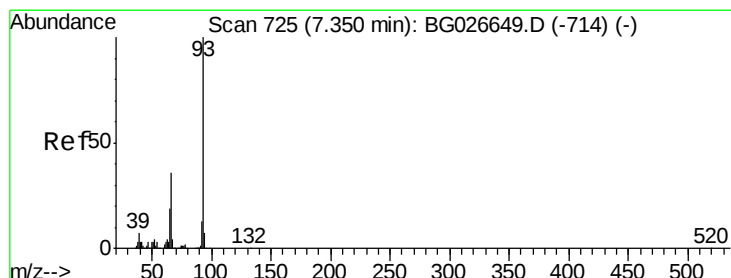
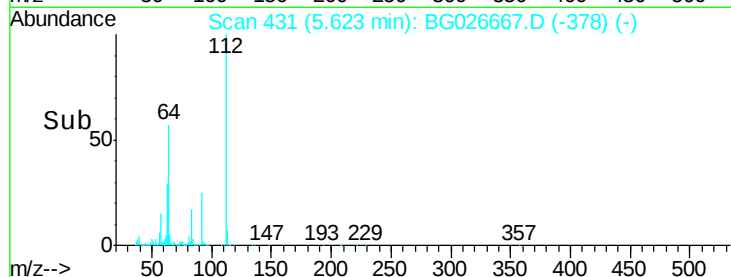
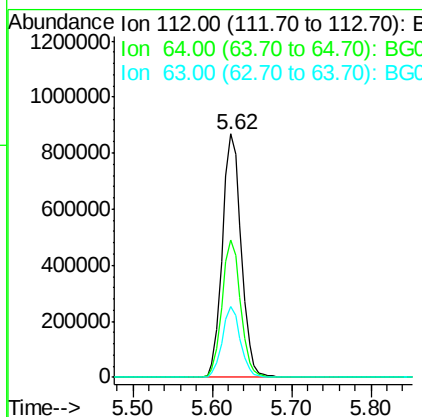
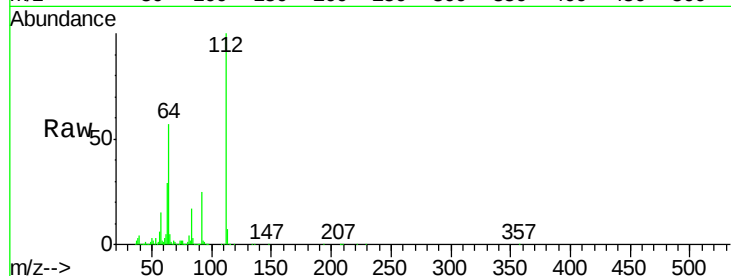
ClientSampleId :

WC-B48-B49-001MS

Tot Ion:	112	Resp:	1426223
Ion Ratio	Lower	Upper	
112	100		
64	56.6	61.8	92.6#
63	28.9	37.2	55.8#

Manual Integrations
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#6

Aniline

Concen: 12.94 ng

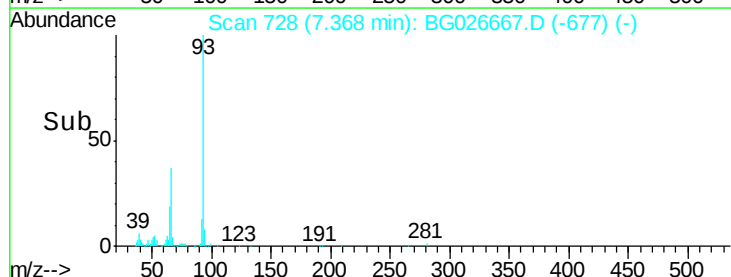
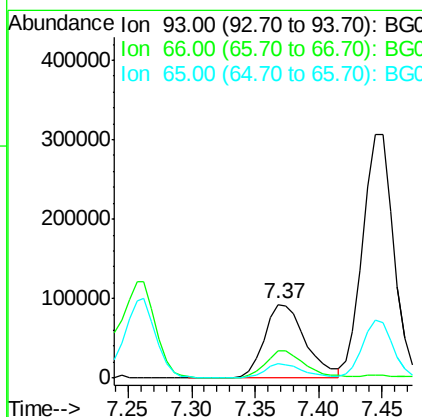
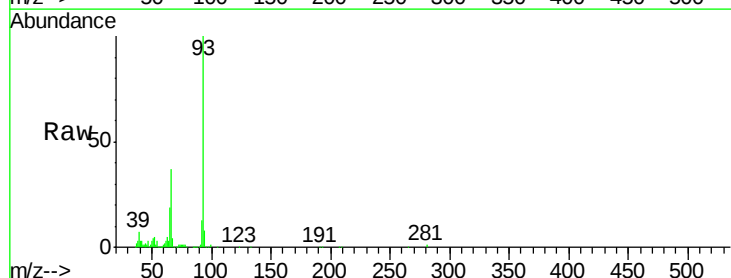
RT: 7.37 min Scan# 728

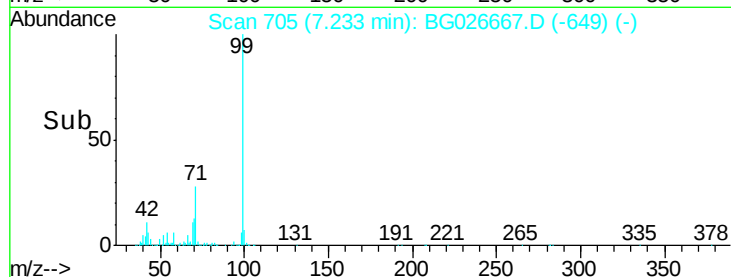
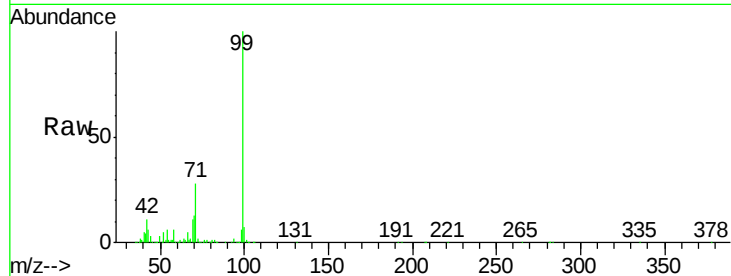
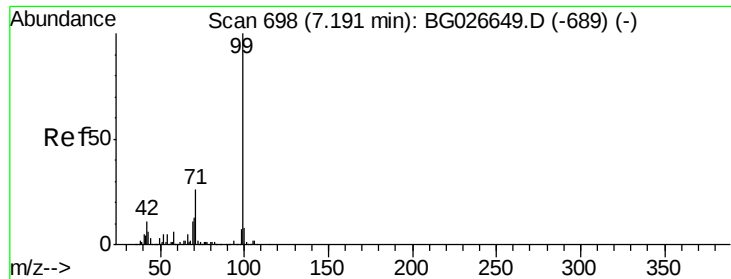
Delta R.T. -0.00 min

Lab File: BG026667.D

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Tgt Ion:	93	Resp:	208808
Ion Ratio	Lower	Upper	
93	100		
66	37.4	35.4	53.2
65	19.4	21.2	31.8#





#7

Phenol-d6

Concen: 145.36 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.03 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

Tot Ion: 99 Resp: 1877747

Ion Ratio Lower Upper

99 100

42 11.2 20.5 30.7#

71 27.5 37.6 56.4#

Instrument :

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ClientSampleId :

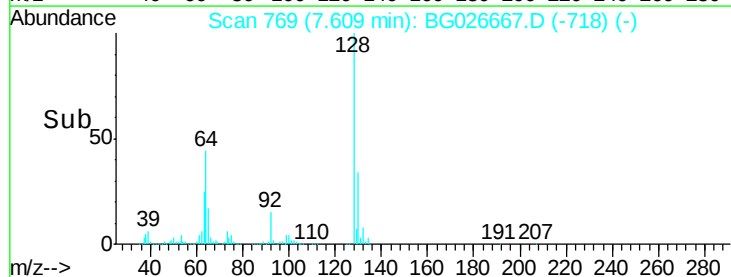
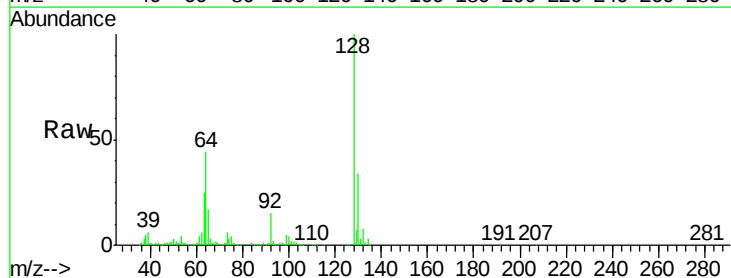
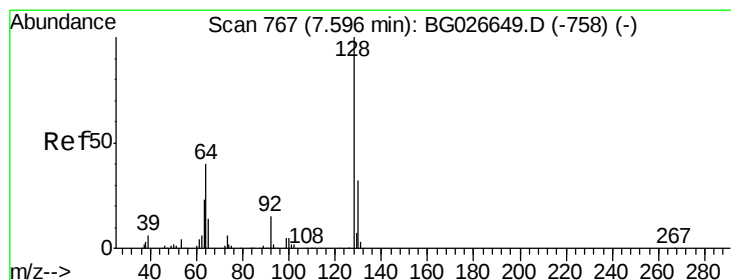
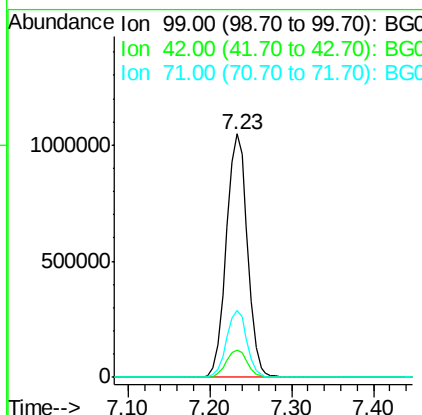
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#8

2-Chlorophenol

Concen: 49.24 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.00 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

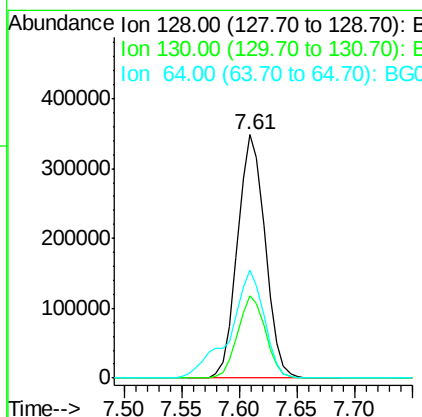
Tgt Ion:128 Resp: 579254

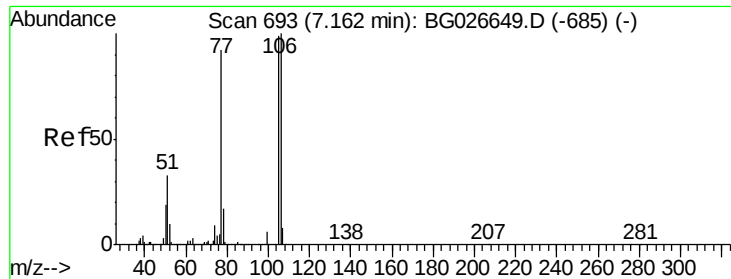
Ion Ratio Lower Upper

128 100

130 33.6 11.4 51.4

64 44.5 46.6 86.6#





#9

Benzaldehyde

Concen: 7.31 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.02 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

Instrument :

BNA_G

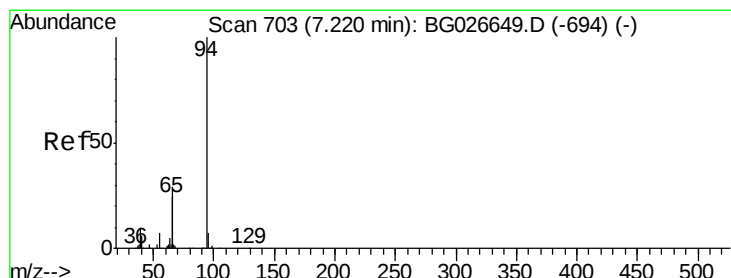
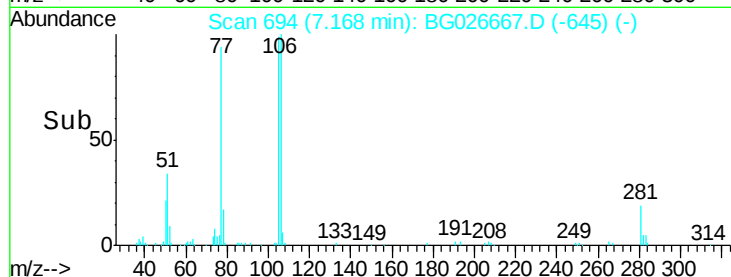
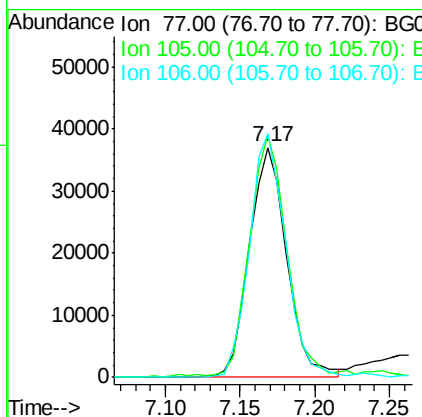
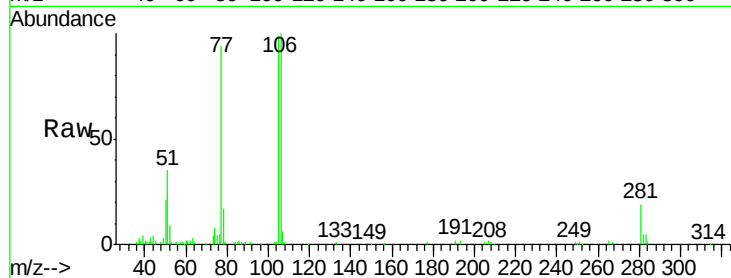
ClientSampleID :

WC-B48-B49-001MS

Tot Ion:	77	Resp:	64004
Ion Ratio	Lower	Upper	
77	100		
105	105.3	60.9	100.9#
106	106.1	55.1	95.1#

Manual Integrations
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#10

Phenol

Concen: 47.62 ng

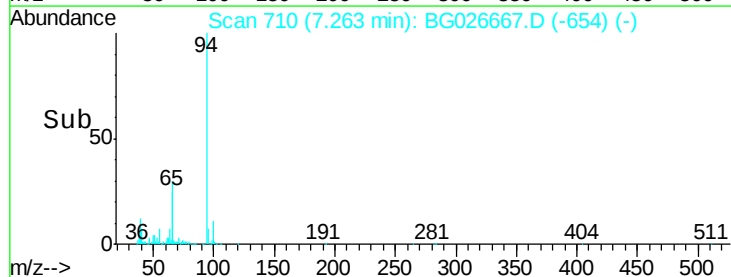
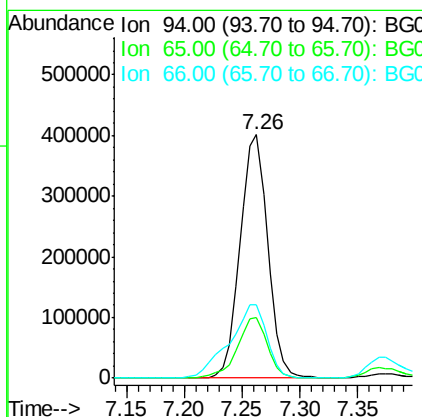
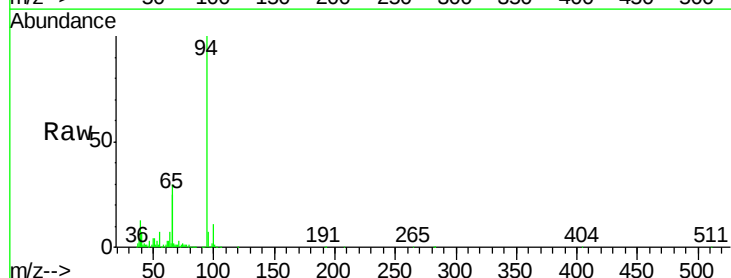
RT: 7.26 min Scan# 710

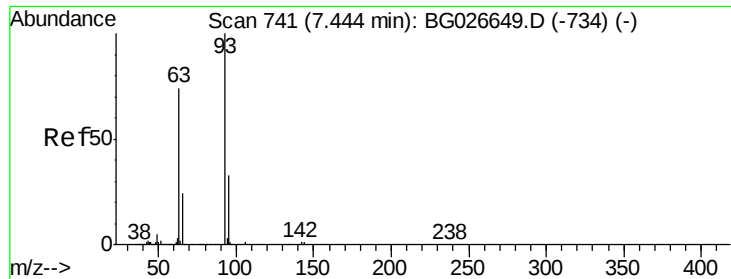
Delta R.T. 0.03 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

Tgt Ion:	94	Resp:	669336
Ion Ratio	Lower	Upper	
94	100		
65	24.9	20.6	60.6
66	30.0	35.5	75.5#





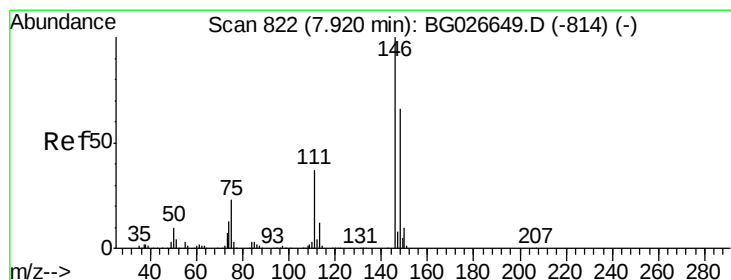
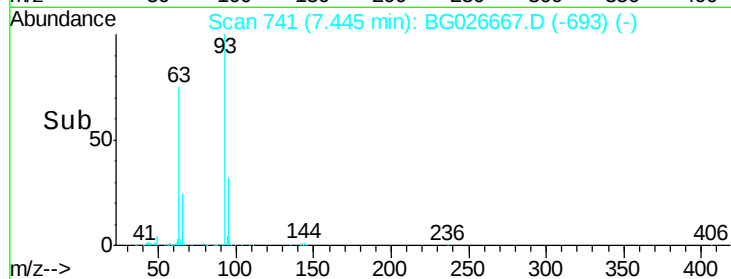
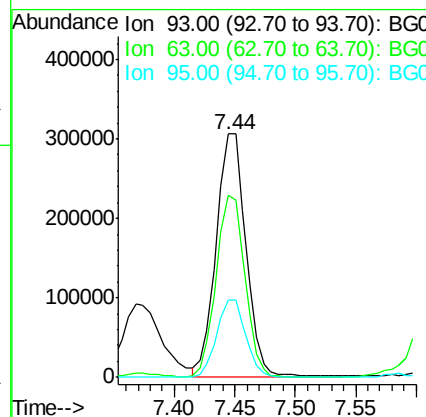
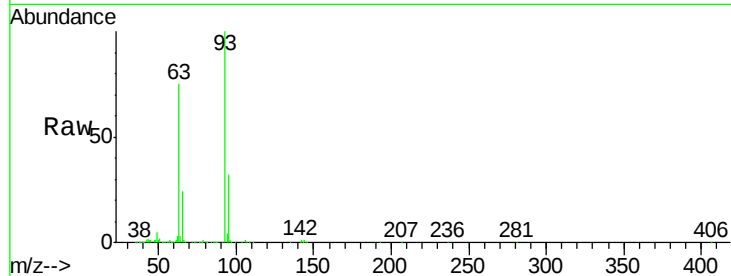
#11
bis(2-Chloroethyl)ether
Concen: 46.88 ng
RT: 7.44 min Scan# 741
Delta R.T. -0.02 min
Lab File: BG026667.D
Acq: 19 Apr 2017 22:11

Instrument :
BNA_G
ClientSampleId :
WC-B48-B49-001MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	75.1	78.5	118.5#	
95	31.9	9.8	49.8	

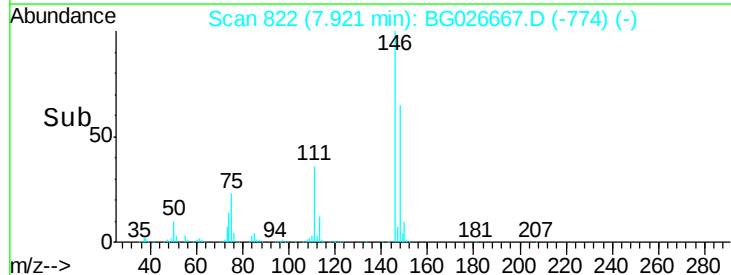
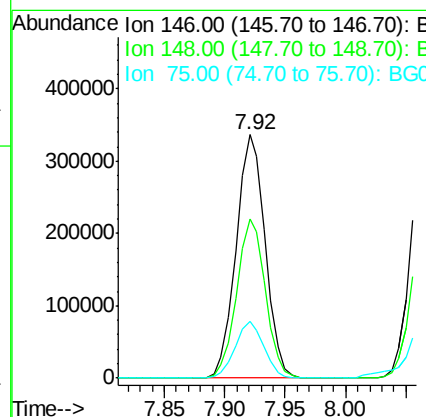
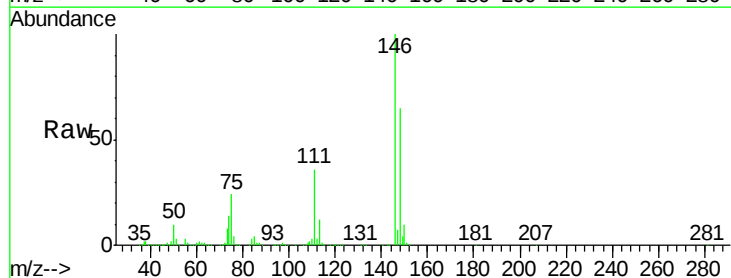
Manual Integrations
APPROVED

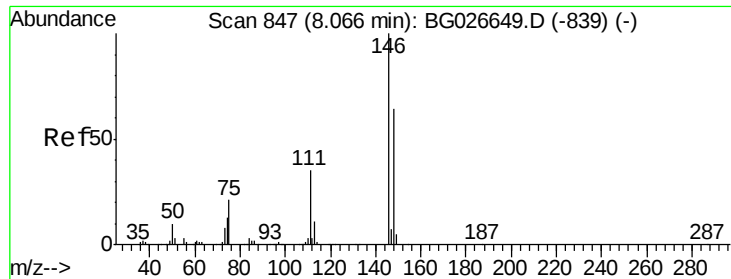
mohammad
4/20/2017 1:55:05 PM



#12
1,3-Dichlorobenzene
Concen: 40.57 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.02 min
Lab File: BG026667.D
Acq: 19 Apr 2017 22:11

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	65.3	49.2	73.8	
75	23.6	33.4	50.2#	





#13

1,4-Dichlorobenzene

Concen: 40.80 ng

RT: 8.07 min Scan# 847

Delta R.T. -0.02 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

Instrument :

BNA_G

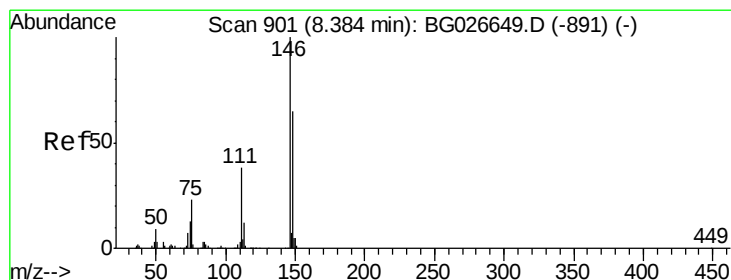
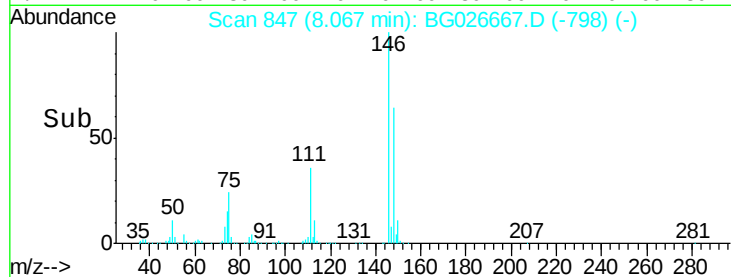
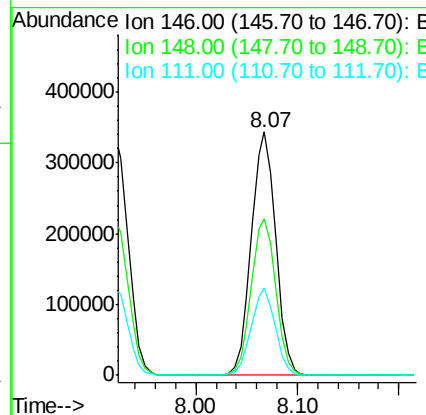
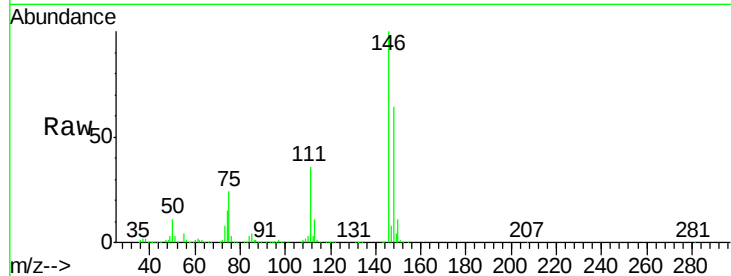
ClientSampleId :

WC-B48-B49-001MS

Tot Ion:	146	Resp:	574565
Ion Ratio	Lower	Upper	
146	100		
148	64.2	52.2	78.2
111	36.1	37.0	55.6#

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 41.93 ng

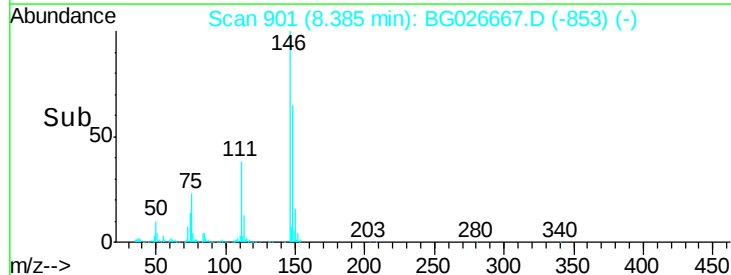
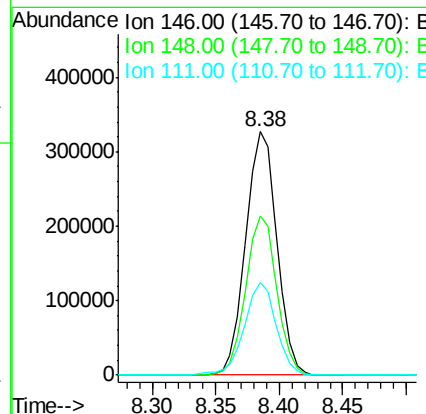
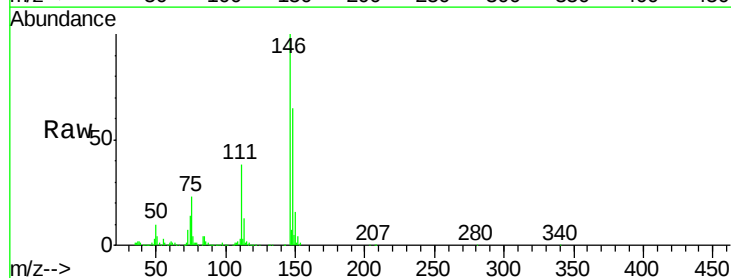
RT: 8.38 min Scan# 901

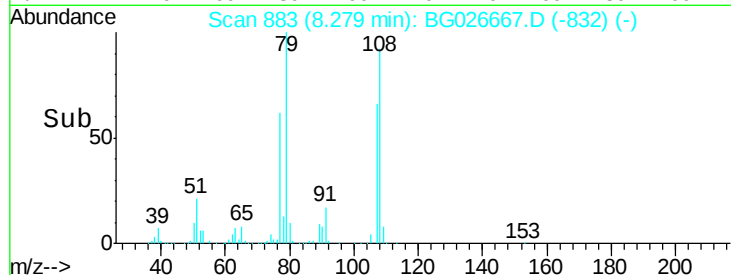
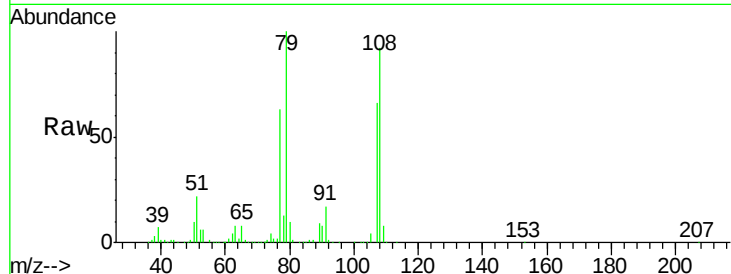
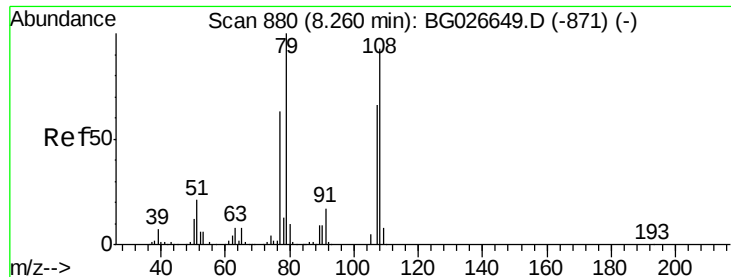
Delta R.T. -0.02 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

Tgt Ion:	146	Resp:	557916
Ion Ratio	Lower	Upper	
146	100		
148	65.3	54.6	81.8
111	38.0	39.7	59.5#





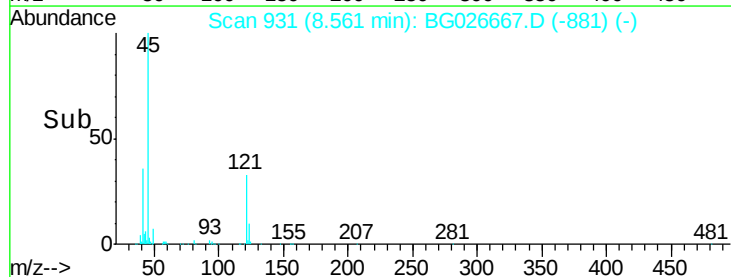
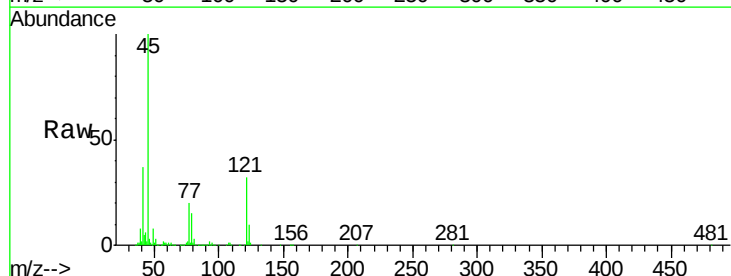
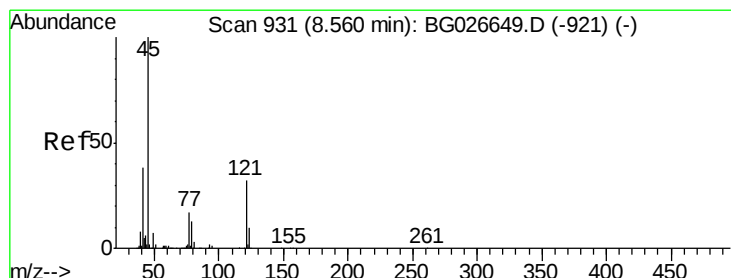
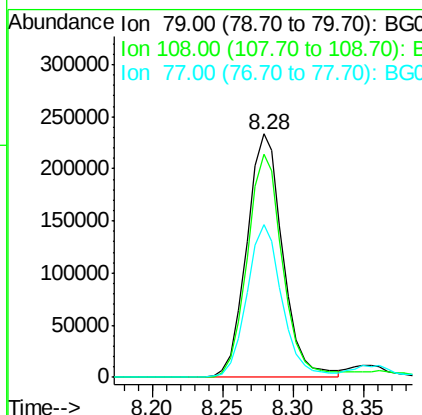
#15
Benzyl Alcohol
Concen: 51.68 ng
RT: 8.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BG026667.D
Acq: 19 Apr 2017 22:11

Tot Ion	Ratio	Lower	Upper
79	100		
108	91.6	45.5	68.3#
77	62.5	54.3	81.5

Instrument :
BNA_G
ClientSampleId :
WC-B48-B49-001MS

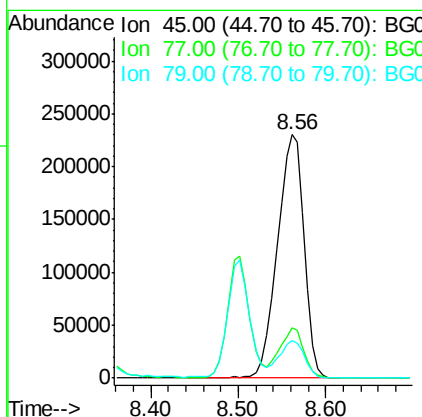
Manual Integrations
APPROVED

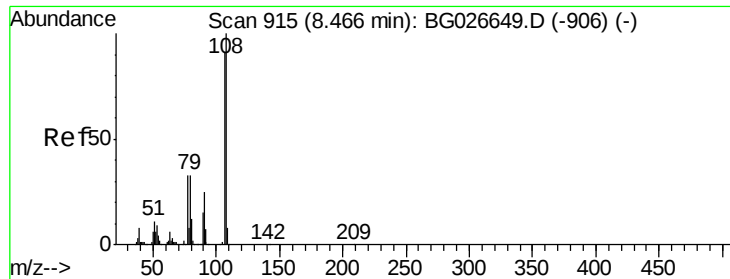
mohammad
4/20/2017 1:55:05 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.58 ng
RT: 8.56 min Scan# 931
Delta R.T. -0.01 min
Lab File: BG026667.D
Acq: 19 Apr 2017 22:11

Tgt Ion	Ratio	Lower	Upper
45	100		
77	20.4	0.0	30.6
79	15.4	0.0	28.5





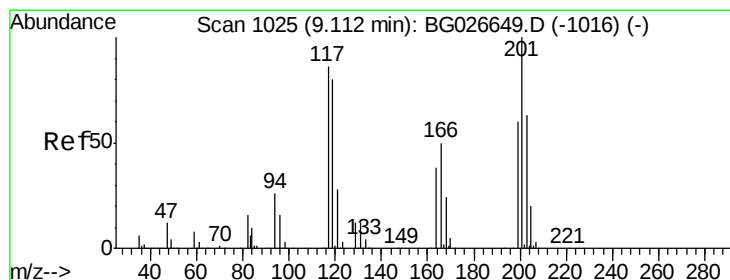
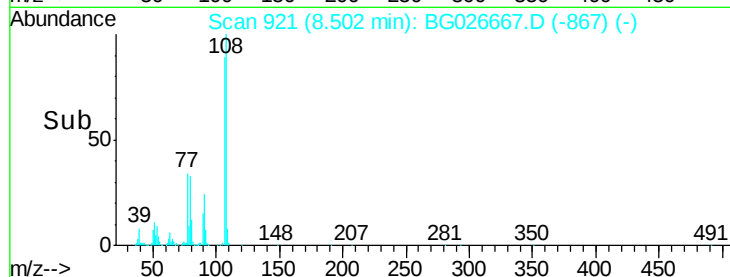
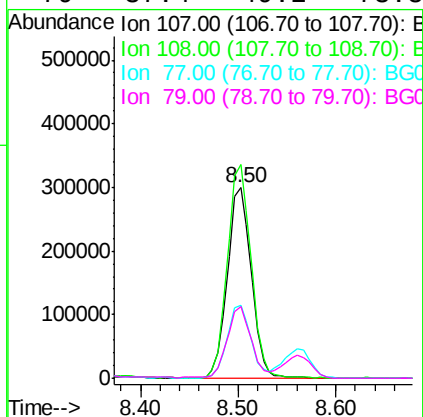
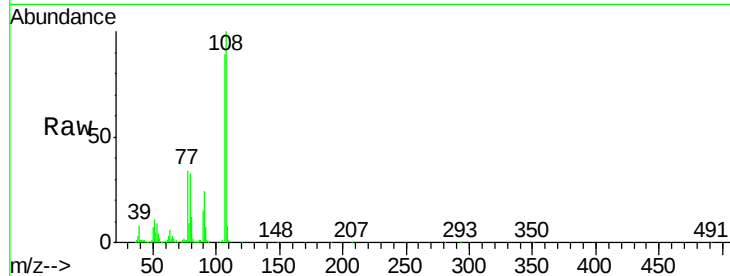
#17
2-Methylphenol
Concen: 51.56 ng
RT: 8.50 min Scan# 921
Delta R.T. 0.01 min
Lab File: BG026667.D
Acq: 19 Apr 2017 22:11

Instrument :
BNA_G
ClientSampleId :
WC-B48-B49-001MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.3	85.6	128.4	
77	38.5	51.4	77.2#	
79	37.4	49.2	73.8#	

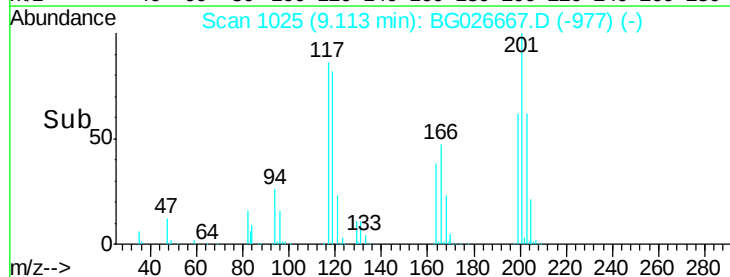
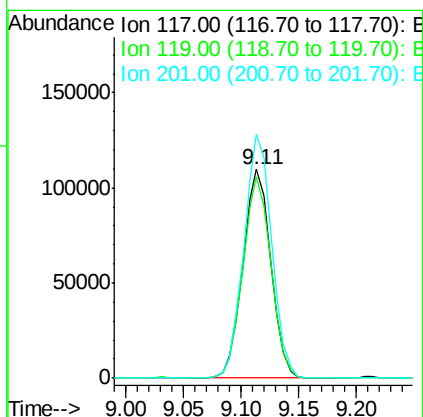
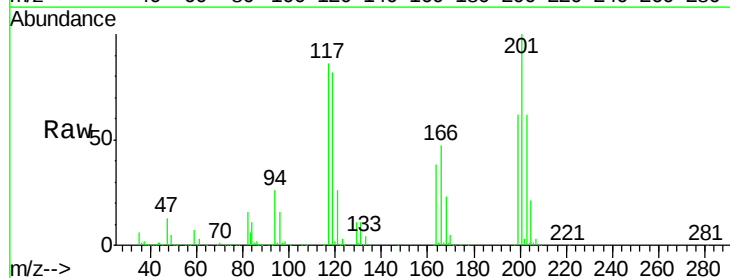
Manual Integrations
APPROVED

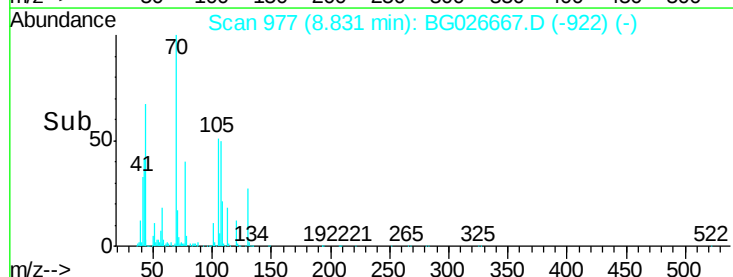
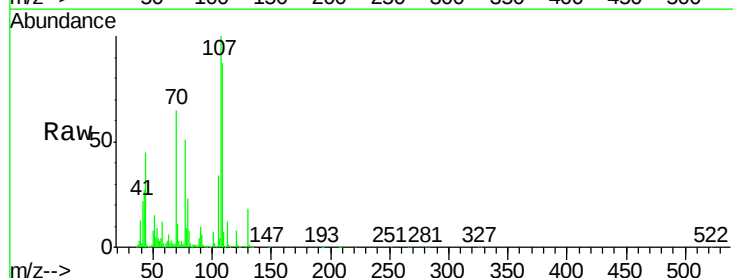
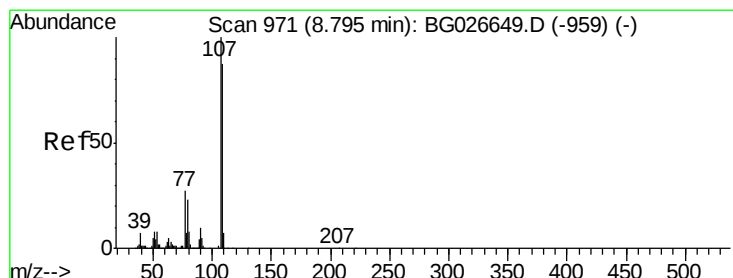
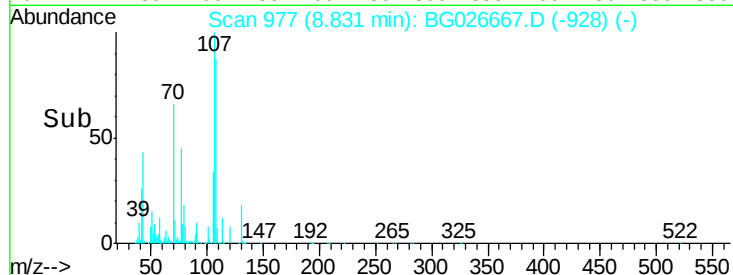
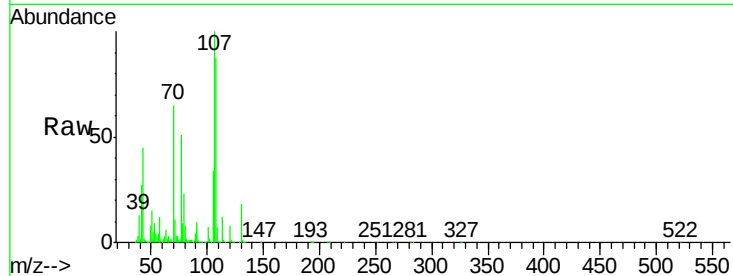
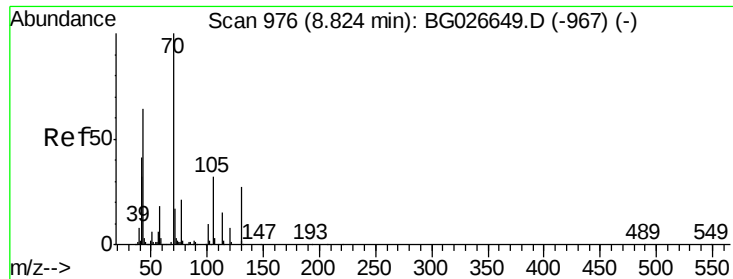
mohammad
4/20/2017 1:55:05 PM



#18
Hexachloroethane
Concen: 41.33 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BG026667.D
Acq: 19 Apr 2017 22:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.4	69.8	104.6	
201	116.8	95.4	143.0	





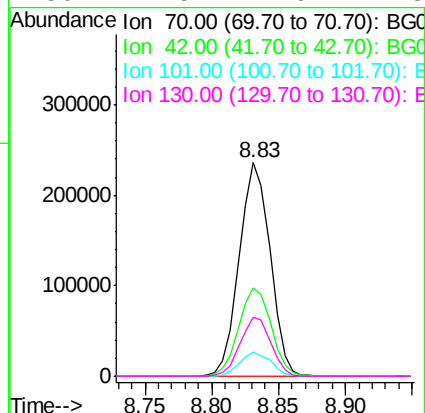
#19
n-Nitroso-di-n-propylamine
Concen: 47.38 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.02 min
Lab File: BG026667.D
Acq: 19 Apr 2017 22:11

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	41.3	56.1	84.1#		
101	11.4	7.5	11.3#		
130	27.5	14.6	21.8#		

Instrument :
BNA_G
ClientSampleId :
WC-B48-B49-001MS

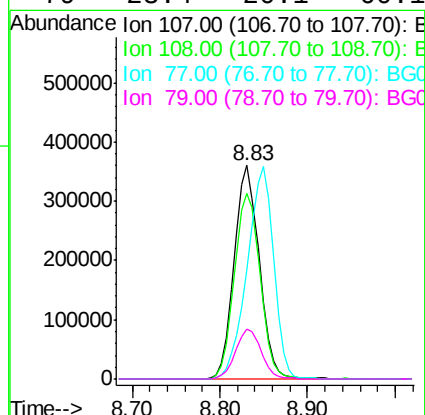
Manual Integrations
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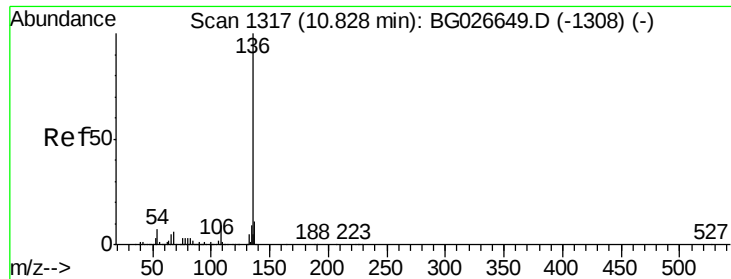
mohammad
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#20
3+4-Methylphenols
Concen: 51.73 ng
RT: 8.83 min Scan# 977
Delta R.T. 0.02 min
Lab File: BG026667.D
Acq: 19 Apr 2017 22:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	86.9	70.8	110.8		
77	50.9	25.8	65.8		
79	23.4	20.1	60.1		





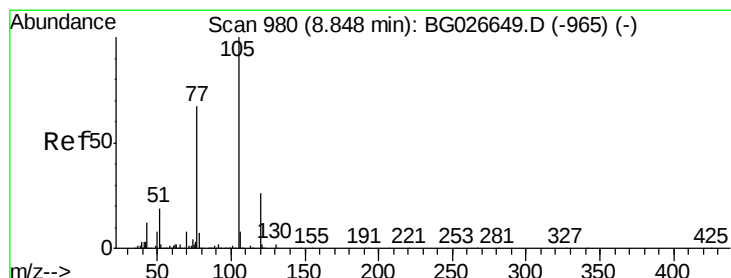
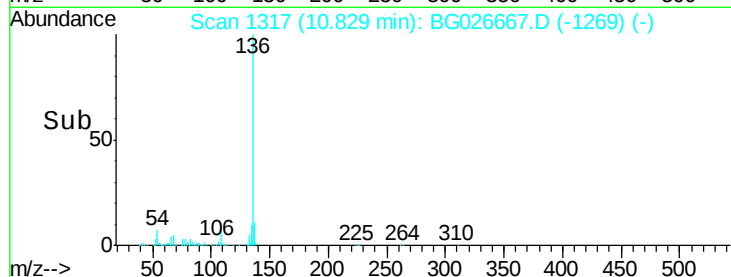
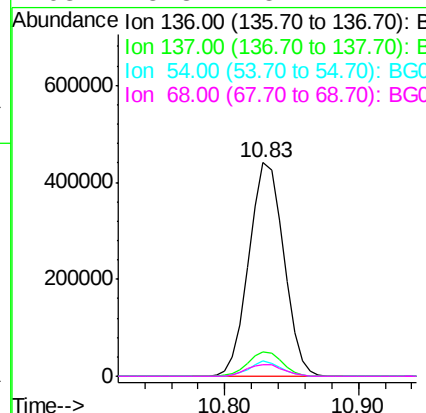
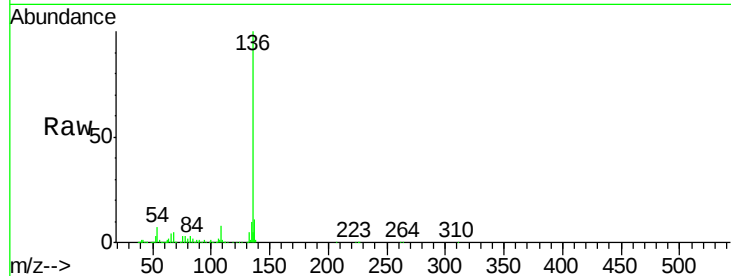
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BG026667.D
Acq: 19 Apr 2017 22:11

Instrument :
BNA_G
ClientSampleId :
WC-B48-B49-001MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	794355		
137	11.2	8.9	13.3	
54	6.9	9.3	13.9	
68	5.3	5.1	7.7	

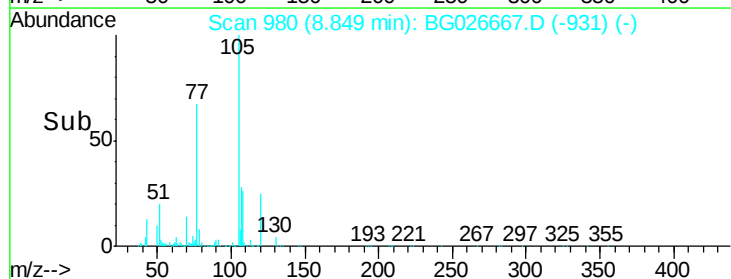
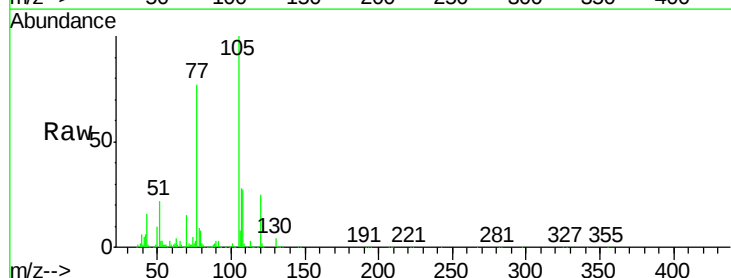
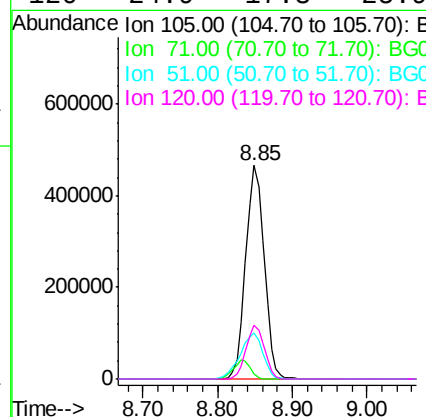
Manual Integrations
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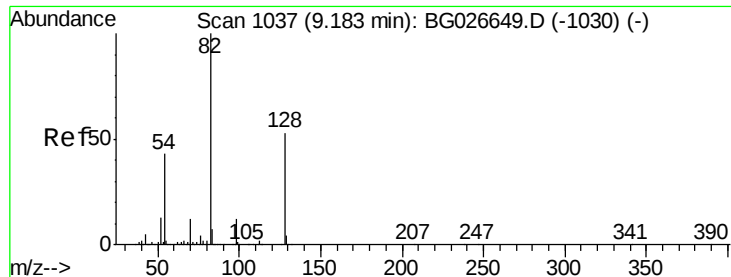
mohammad
4/20/2017 1:55:05 PM



#22
Acetophenone
Concen: 44.19 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.02 min
Lab File: BG026667.D
Acq: 19 Apr 2017 22:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	802136		
71	2.5	0.9	1.3	
51	21.6	34.0	51.0	
120	24.9	17.3	25.9	





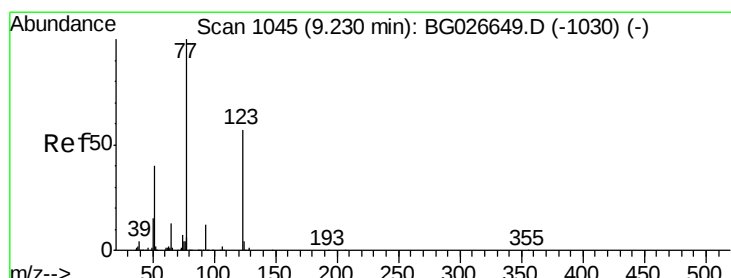
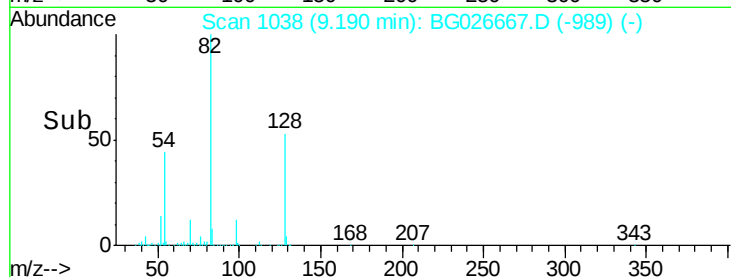
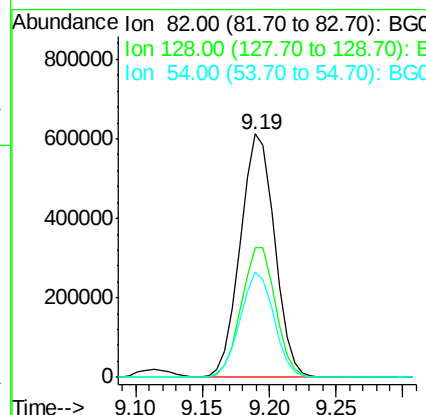
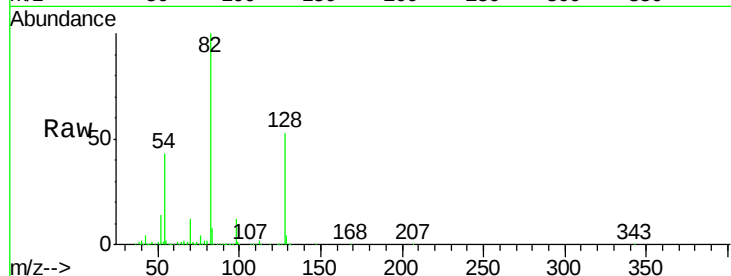
#23
 Nitrobenzene-d5
 Concen: 95.80 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BG026667.D
 Acq: 19 Apr 2017 22:11

Instrument :
 BNA_G
 ClientSampleId :
 WC-B48-B49-001MS

Tot Ion: 82 Resp: 1090564
 Ion Ratio Lower Upper
 82 100
 128 53.1 26.4 39.6#
 54 43.5 49.4 74.2#

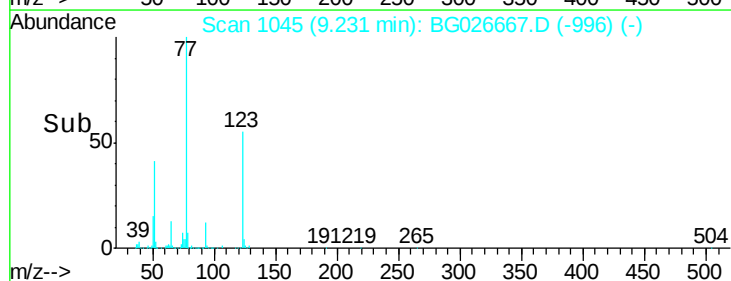
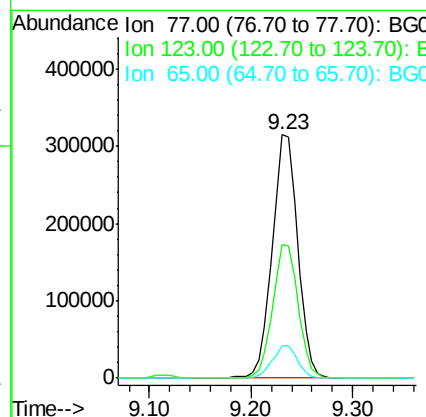
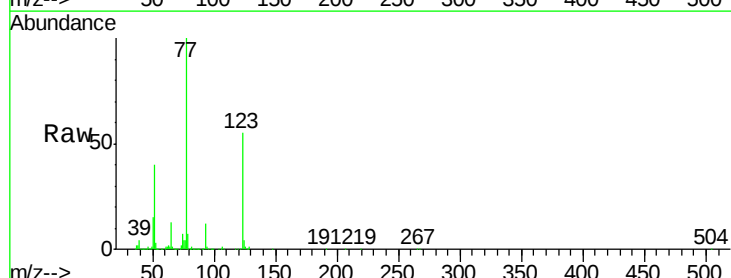
Manual Integrations
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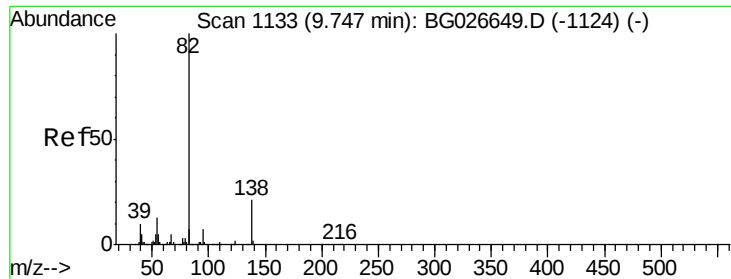
mohammad
 4/20/2017 1:55:05 PM



#24
 Nitrobenzene
 Concen: 45.87 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.02 min
 Lab File: BG026667.D
 Acq: 19 Apr 2017 22:11

Tgt Ion: 77 Resp: 552982
 Ion Ratio Lower Upper
 77 100
 123 55.0 26.1 39.1#
 65 13.5 12.4 18.6





#25

Isophorone

Concen: 46.26 ng

RT: 9.75 min Scan# 1134

Delta R.T. -0.02 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

Instrument :

BNA_G

ClientSampleId :

WC-B48-B49-001MS

Tot Ion: 82 Resp: 1079560

Ion Ratio Lower Upper

82 100

95 6.9 7.5 11.3#

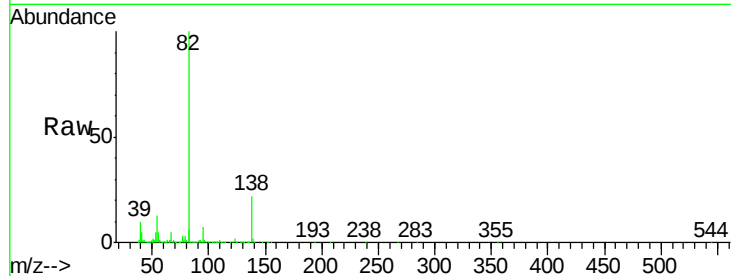
138 22.3 12.3 18.5#

Manual Integrations

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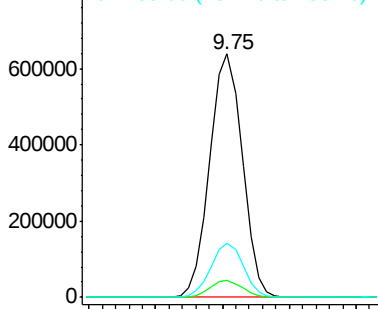
4/20/2017 1:55:05 PM



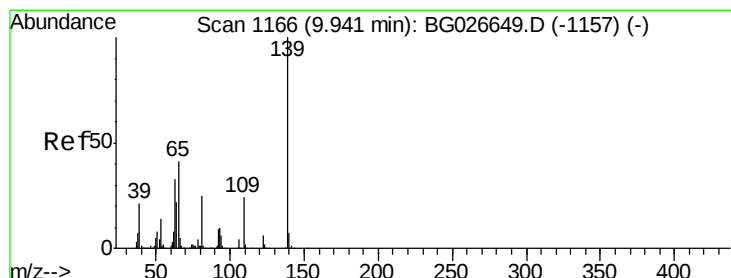
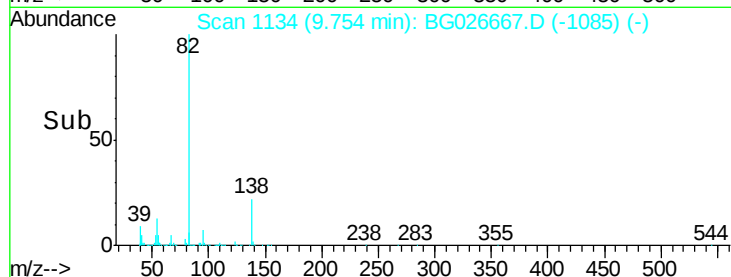
Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 138.00 (137.70 to 138.70): BGC



Time--> 9.65 9.70 9.75 9.80 9.85



#26

2-Nitrophenol

Concen: 47.66 ng

RT: 9.95 min Scan# 1167

Delta R.T. -0.02 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

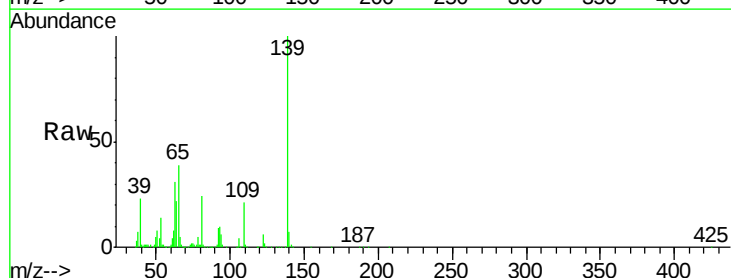
Tgt Ion: 139 Resp: 348059

Ion Ratio Lower Upper

139 100

109 21.2 38.6 58.0#

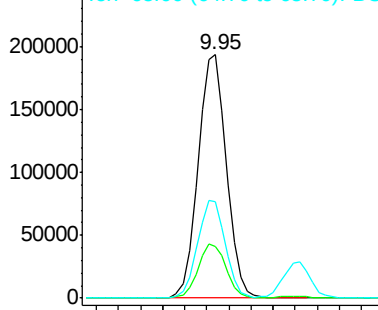
65 39.5 57.1 85.7#



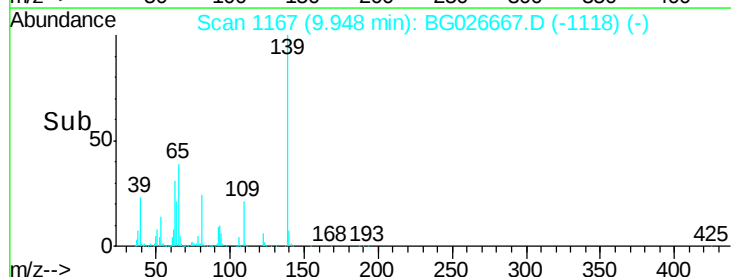
Abundance Ion 139.00 (138.70 to 139.70): BGC

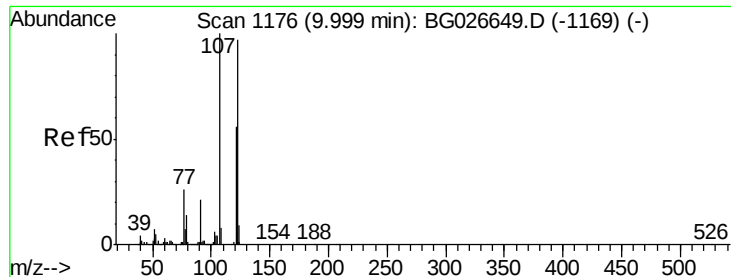
Ion 109.00 (108.70 to 109.70): BGC

Ion 65.00 (64.70 to 65.70): BGC



Time--> 9.90 10.00





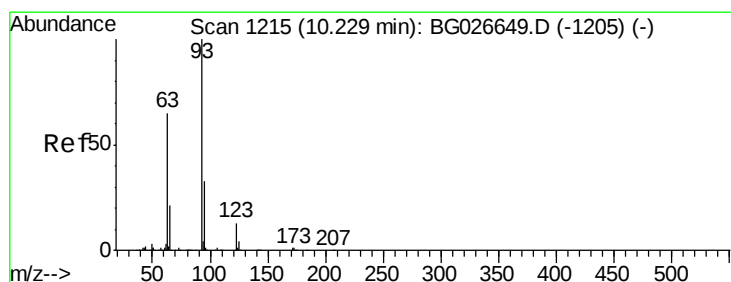
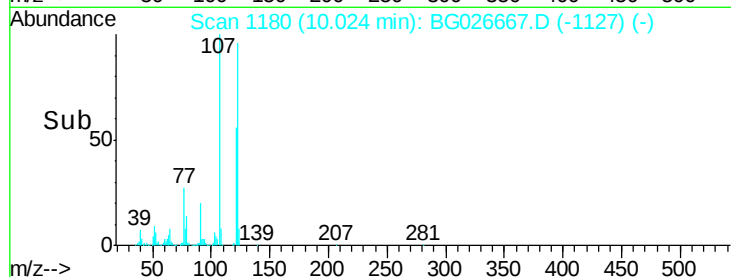
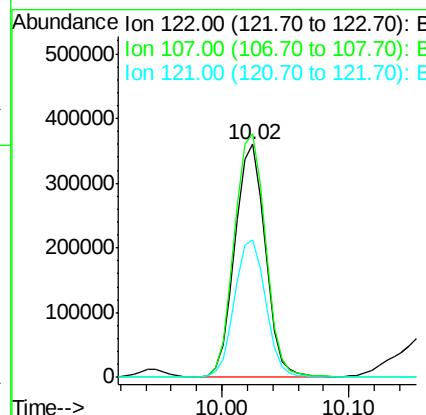
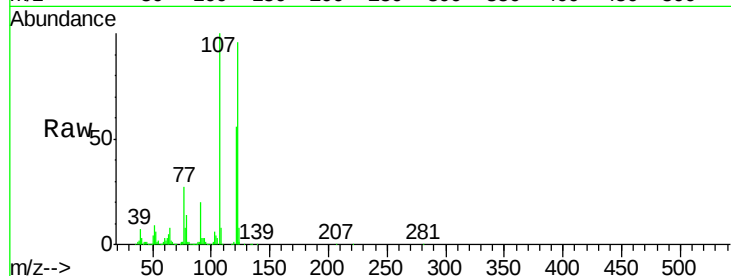
#27
 2,4-Dimethylphenol
 Concen: 50.71 ng
 RT: 10.02 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: BG026667.D
 Acq: 19 Apr 2017 22:11

Instrument :
 BNA_G
 ClientSampleId :
 WC-B48-B49-001MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	104.5	104.2	156.4
121	58.7	46.0	69.0

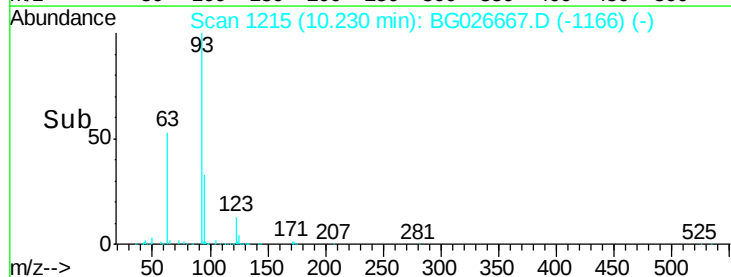
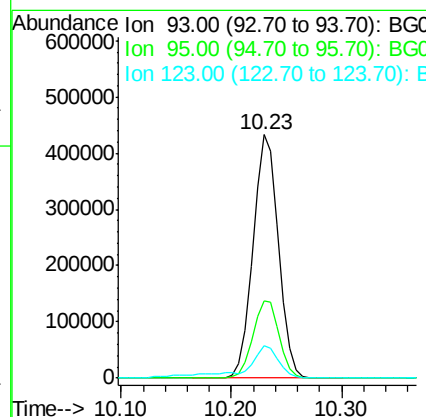
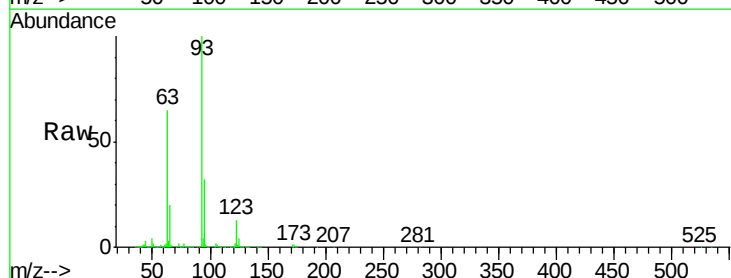
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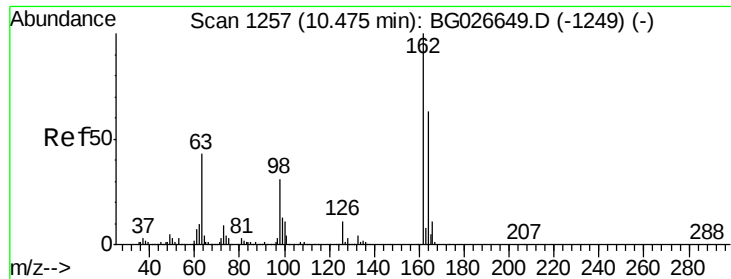
mohammad
 4/20/2017 1:55:05 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.65 ng
 RT: 10.23 min Scan# 1215
 Delta R.T. -0.02 min
 Lab File: BG026667.D
 Acq: 19 Apr 2017 22:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.6	25.7	38.5
123	13.1	8.3	12.5#





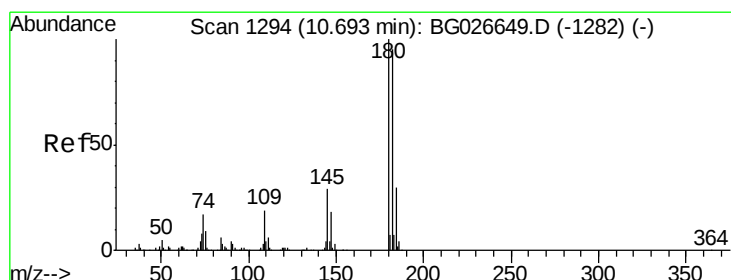
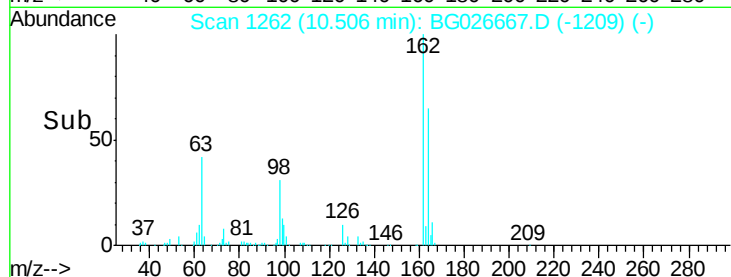
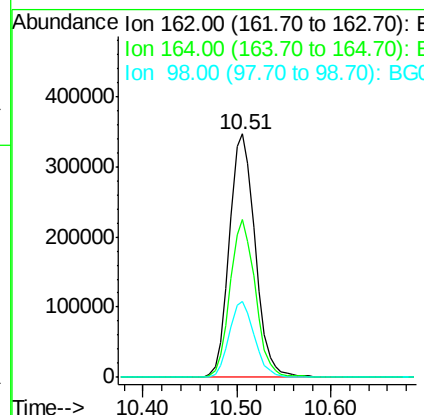
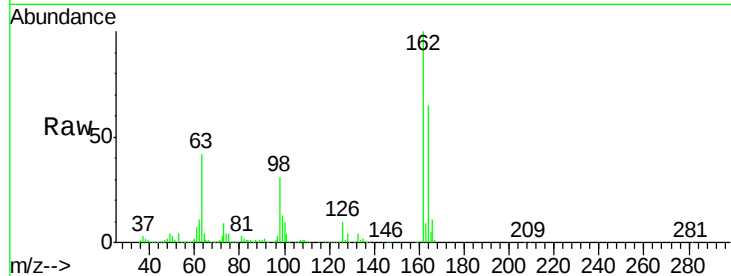
#29
2,4-Dichlorophenol
Concen: 53.60 ng
RT: 10.51 min Scan# 1262
Delta R.T. 0.01 min
Lab File: BG026667.D
Acq: 19 Apr 2017 22:11

Instrument :
BNA_G
ClientSampleId :
WC-B48-B49-001MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	660793		
164	64.7	42.4	82.4	
98	31.3	20.3	60.3	

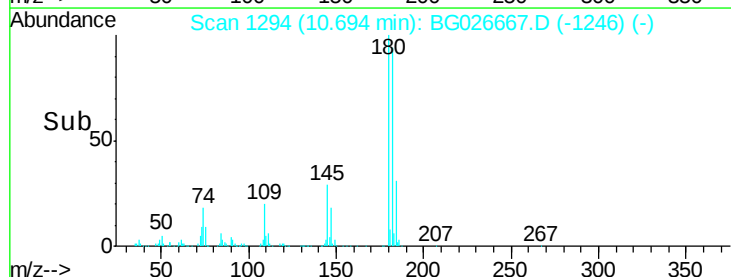
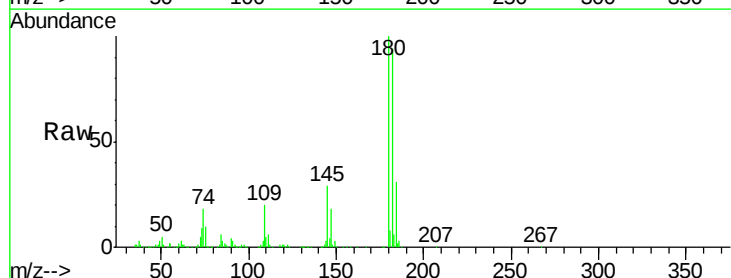
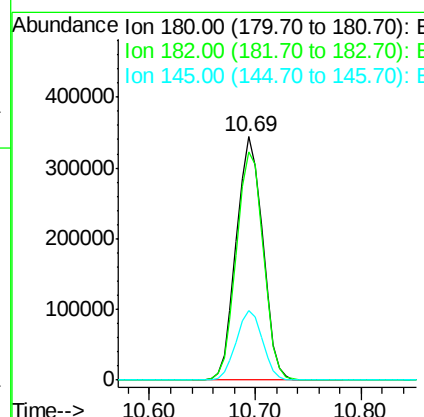
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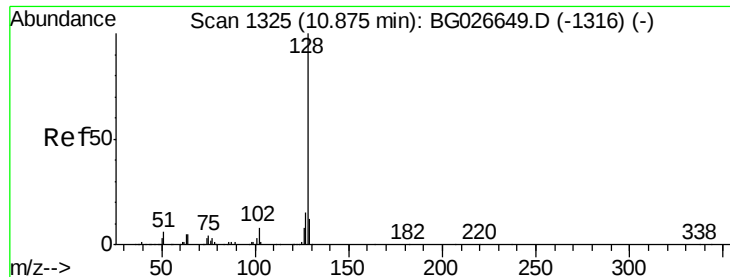
mohammad
4/20/2017 1:55:05 PM



#30
1,2,4-Trichlorobenzene
Concen: 43.33 ng
RT: 10.69 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BG026667.D
Acq: 19 Apr 2017 22:11

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	595486		
182	93.9	77.0	115.4	
145	28.7	23.4	35.0	





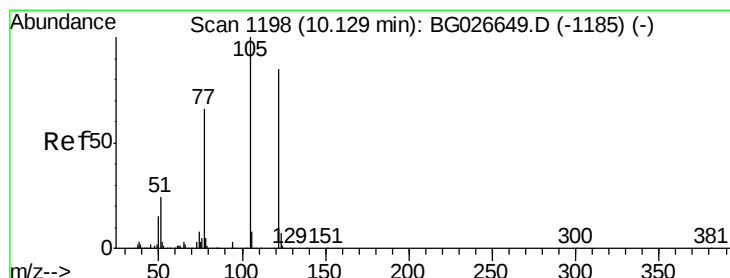
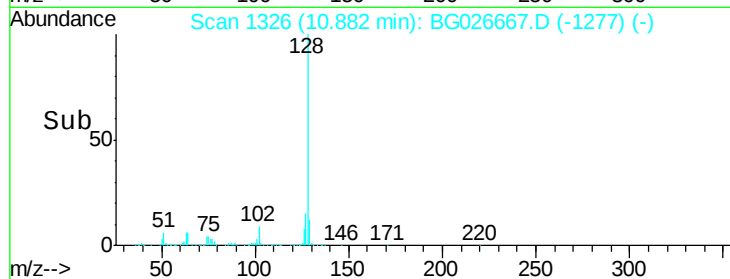
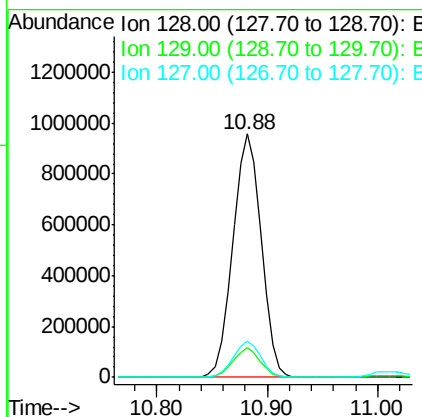
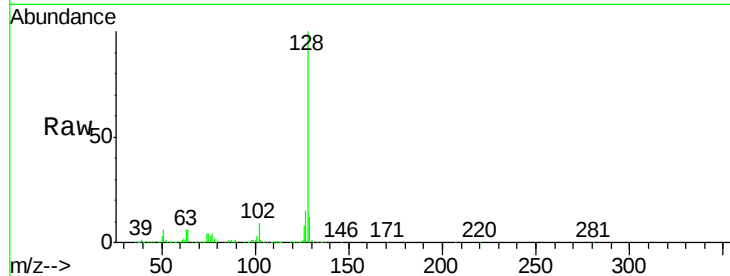
#31
Naphthalene
Concen: 44.25 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BG026667.D
Acq: 19 Apr 2017 22:11

Instrument :
BNA_G
ClientSampleId :
WC-B48-B49-001MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.3	13.9
127	15.0	11.4	17.0

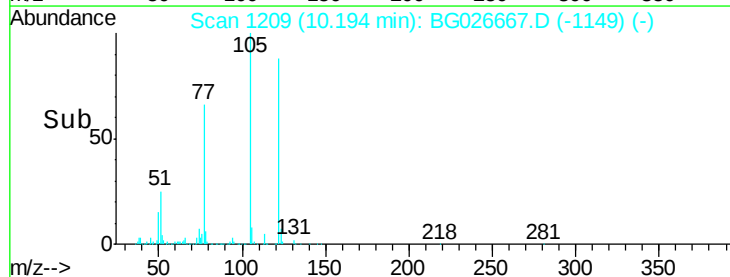
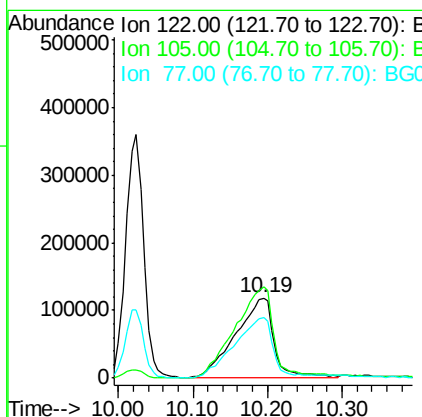
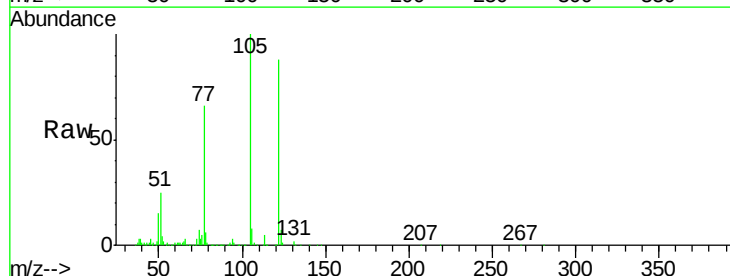
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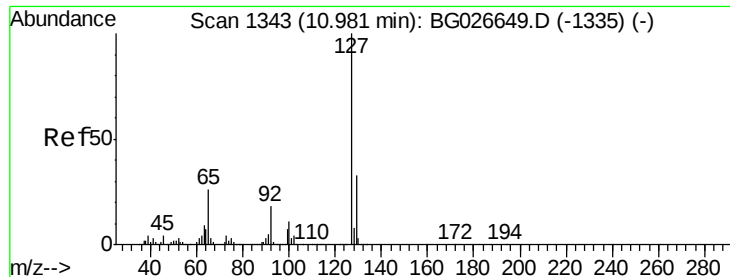
mohammad
4/20/2017 1:55:05 PM



#32
Benzoic acid
Concen: 50.07 ng
RT: 10.19 min Scan# 1209
Delta R.T. 0.05 min
Lab File: BG026667.D
Acq: 19 Apr 2017 22:11

Tgt Ion	Ratio	Lower	Upper
122	100		
105	113.7	120.1	160.1#
77	75.4	104.6	144.6#





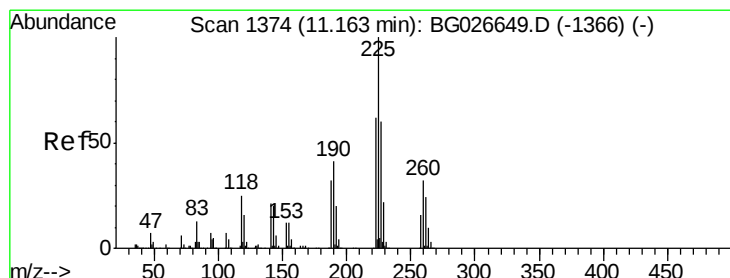
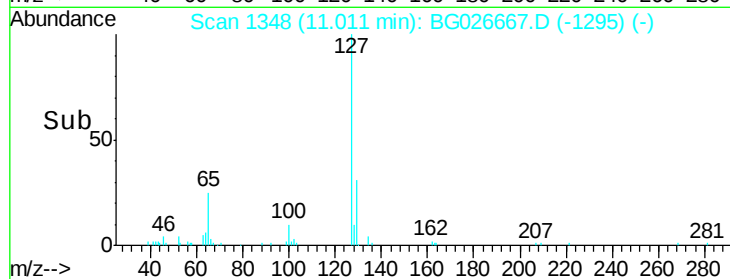
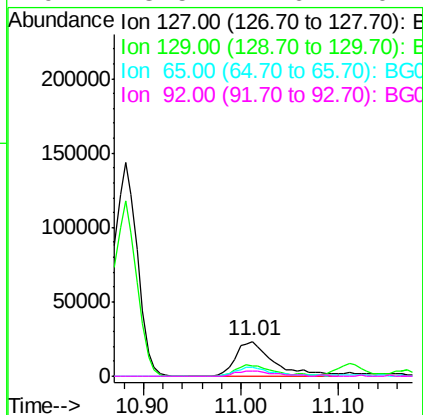
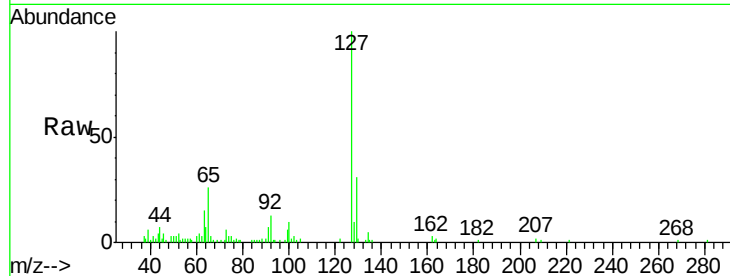
#33
4-Chloroaniline
Concen: 3.80 ng
RT: 11.01 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BG026667.D
Acq: 19 Apr 2017 22:11

Instrument :
BNA_G
ClientSampleId :
WC-B48-B49-001MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.1	23.6	35.4
65	26.4	37.7	56.5#
92	13.5	17.6	26.4#

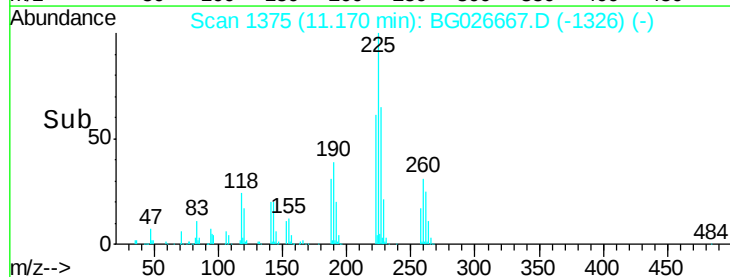
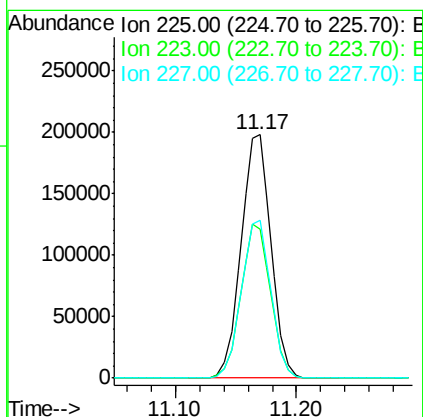
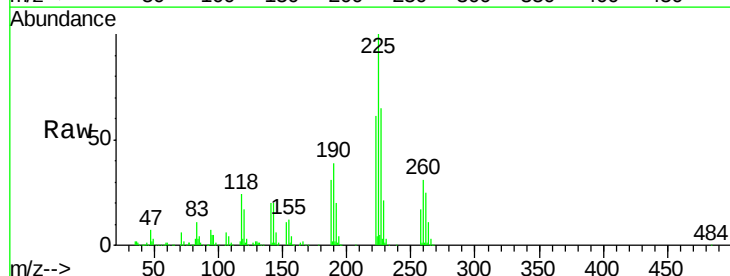
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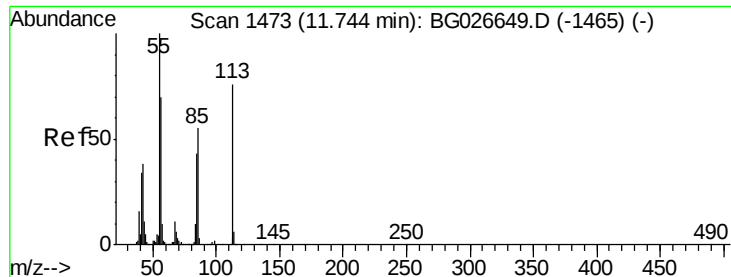
mohammad
4/20/2017 1:55:05 PM



#34
Hexachlorobutadiene
Concen: 43.30 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.02 min
Lab File: BG026667.D
Acq: 19 Apr 2017 22:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	50.7	76.1
227	64.6	49.0	73.6





#35

Caprolactam

Concen: 41.71 ng/mL

RT: 11.76 min Scan# 1476

Delta R.T. -0.00 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

Instrument :

BNA_G

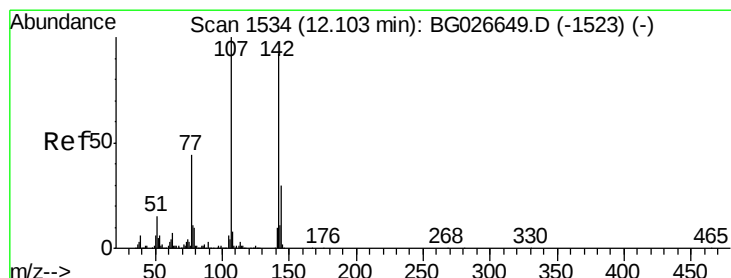
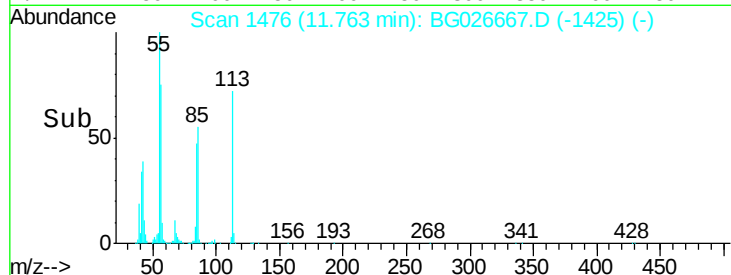
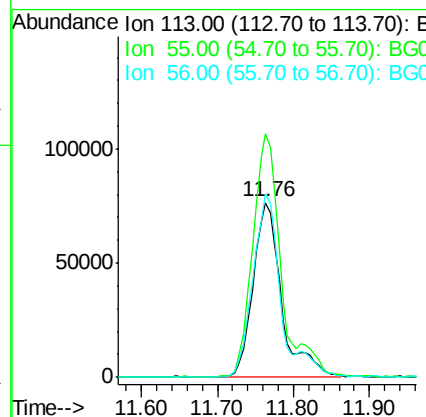
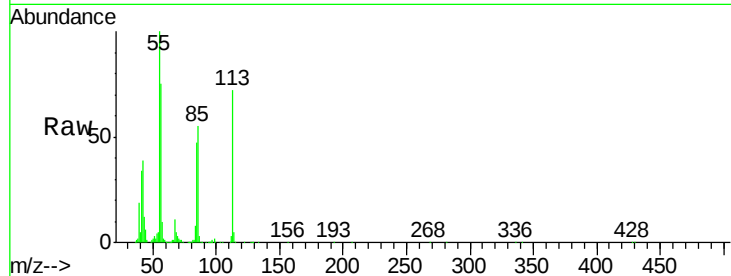
ClientSampleId :

WC-B48-B49-001MS

Tot Ion:	113	Resp:	199671
Ion Ratio	Lower	Upper	
113	100		
55	139.1	198.6	238.6#
56	104.8	140.4	180.4#

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#36

4-Chloro-3-methylphenol

Concen: 53.76 ng/mL

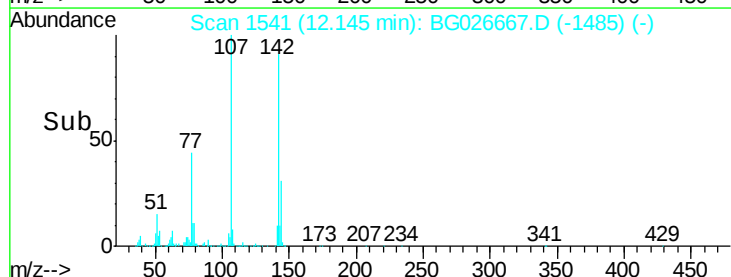
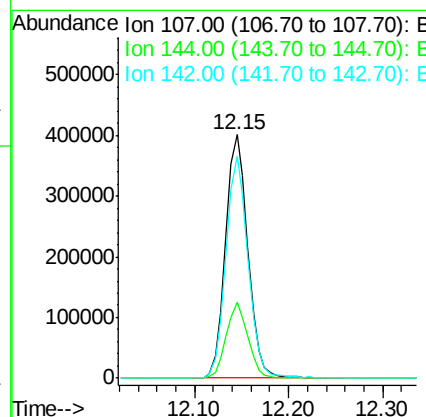
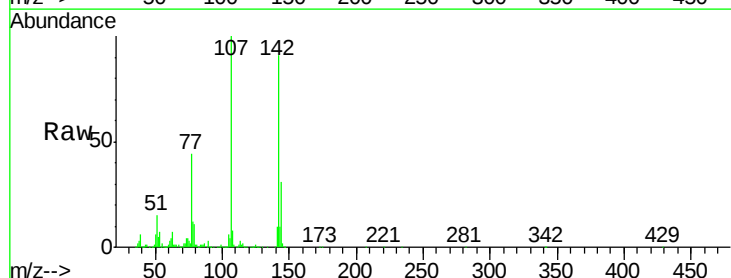
RT: 12.15 min Scan# 1541

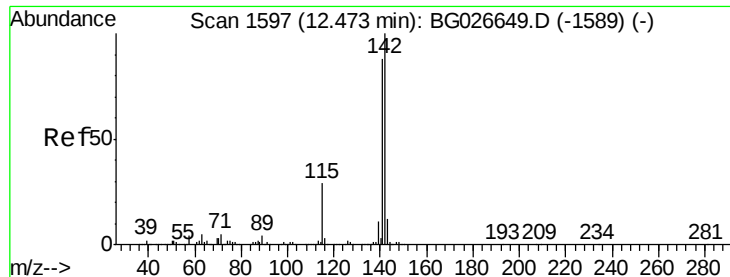
Delta R.T. 0.03 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

Tgt Ion:	107	Resp:	667528
Ion Ratio	Lower	Upper	
107	100		
144	31.4	17.4	26.0#
142	91.3	54.1	81.1#





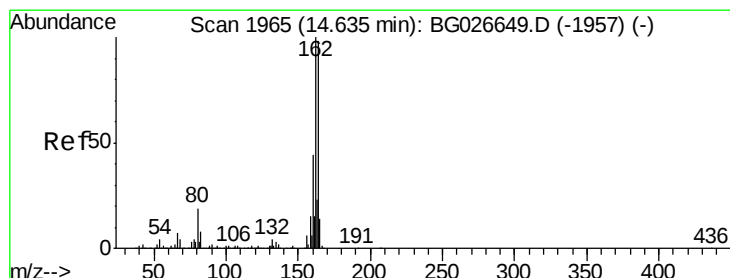
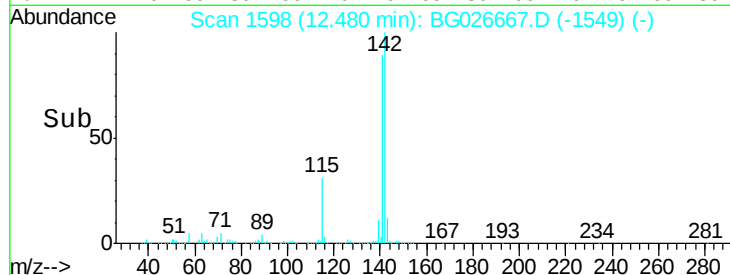
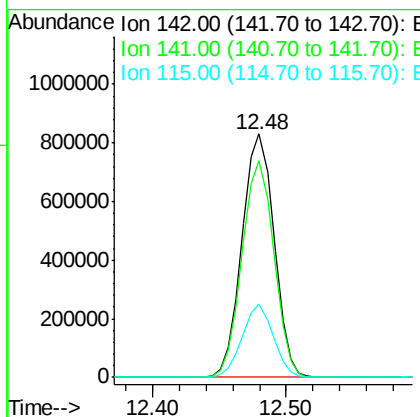
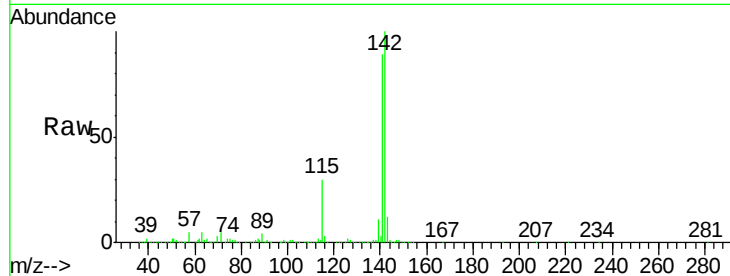
#37
2-Methylnaphthalene
Concen: 46.08 ng
RT: 12.48 min Scan# 1598
Delta R.T. -0.02 min
Lab File: BG026667.D
Acq: 19 Apr 2017 22:11

Instrument :
BNA_G
ClientSampleId :
WC-B48-B49-001MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.4	105.6
115	30.4	35.5	53.3

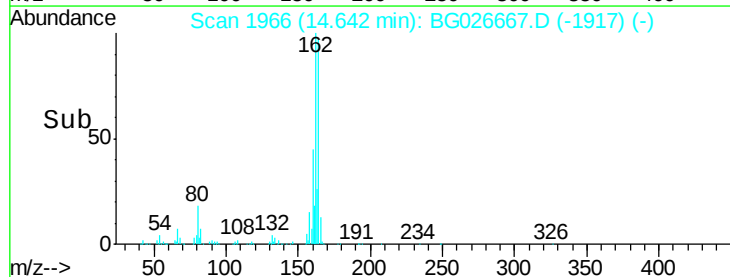
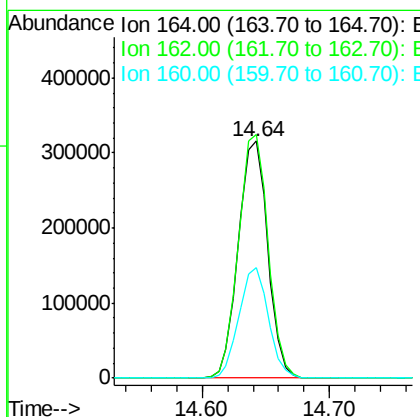
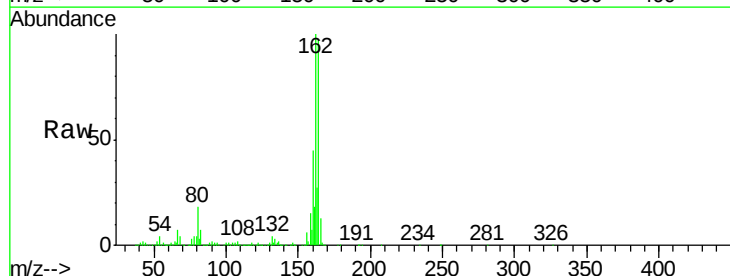
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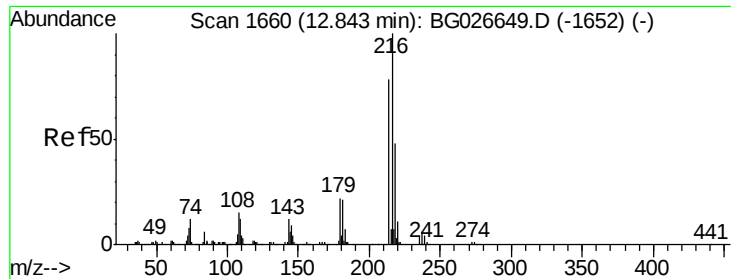
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.02 min
Lab File: BG026667.D
Acq: 19 Apr 2017 22:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	85.1	127.7
160	46.5	34.7	52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.17 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.02 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

Instrument :

BNA_G

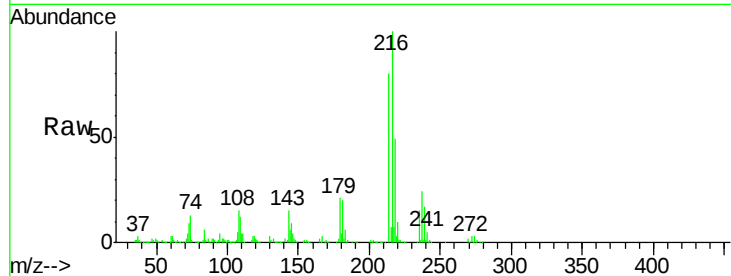
ClientSampleId :

WC-B48-B49-001MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		658000		
214	80.3		64.4	96.6	
179	20.9		17.4	26.0	
108	16.8		15.6	23.4	

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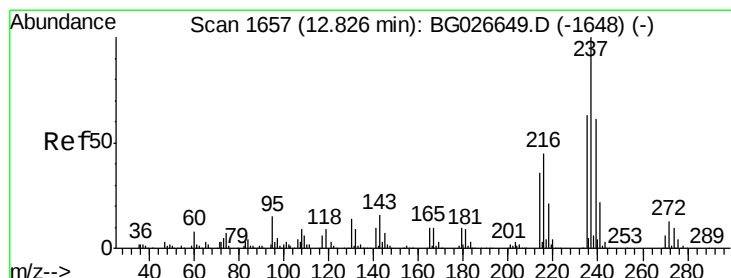
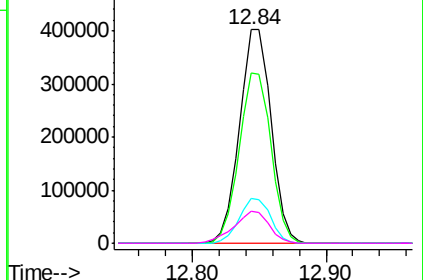
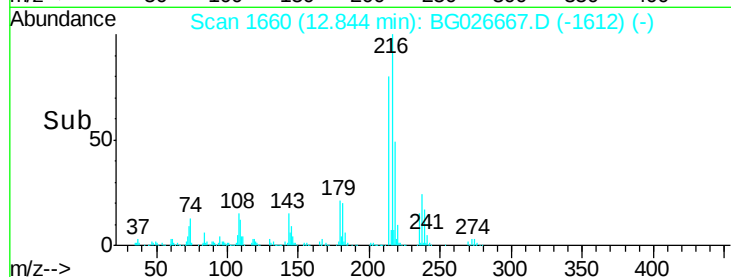


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 91.14 ng

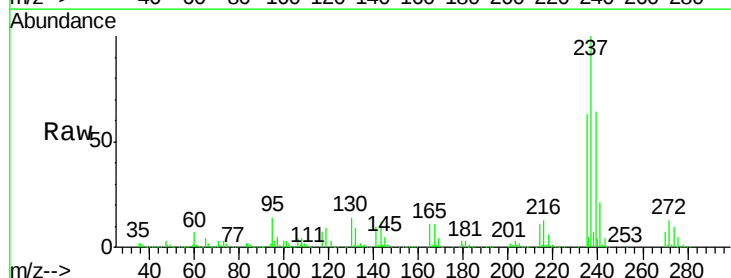
RT: 12.83 min Scan# 1657

Delta R.T. -0.02 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

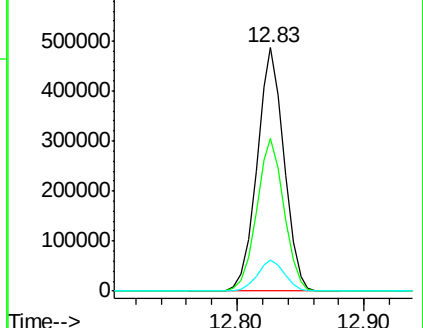
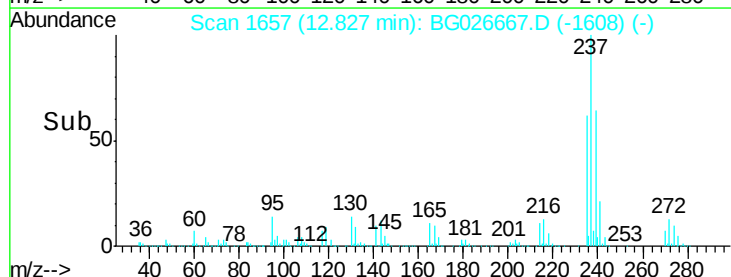
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		718569		
235	62.5		39.4	79.4	
272	12.9		0.0	32.0	

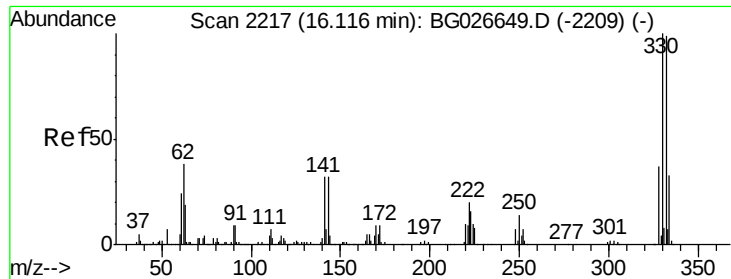


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





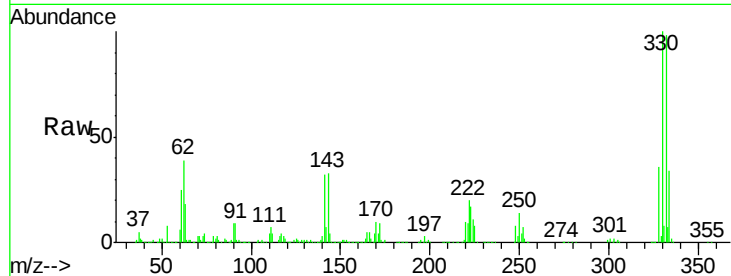
#41
 2,4,6-Tribromophenol
 Concen: 139.50 ng
 RT: 16.13 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG026667.D
 Acq: 19 Apr 2017 22:11

Instrument :
 BNA_G
 ClientSampleId :
 WC-B48-B49-001MS

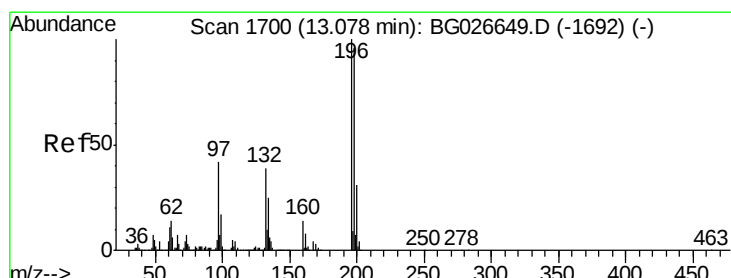
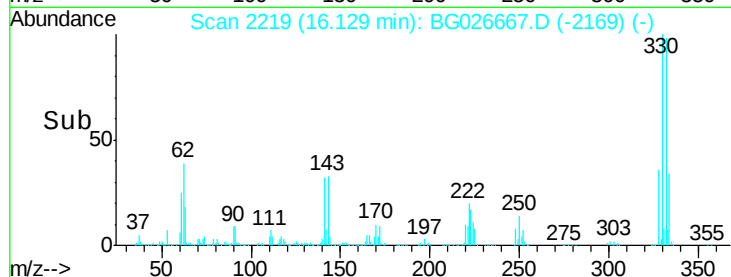
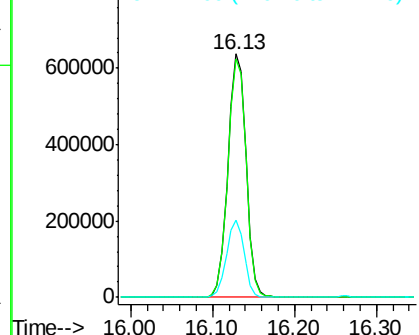
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.3	115.9
141	31.0	32.1	48.1#

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mohammad
 4/20/2017 1:55:05 PM

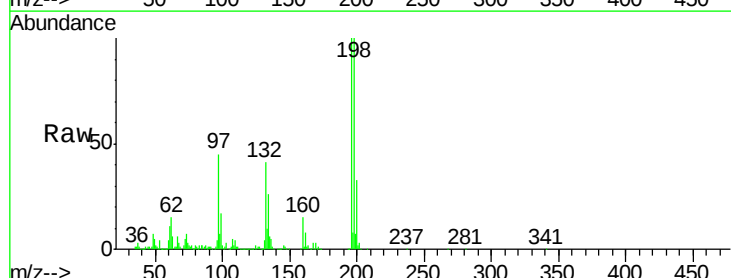


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

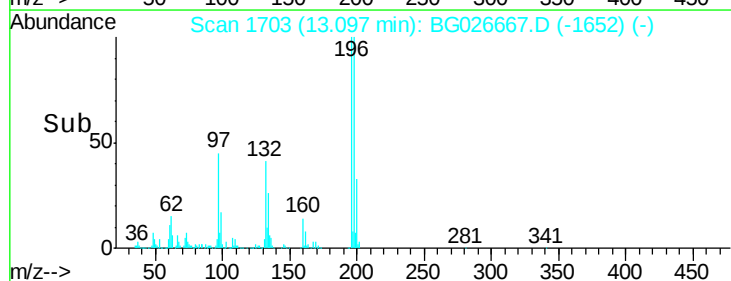
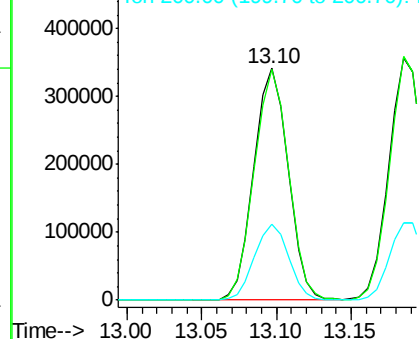


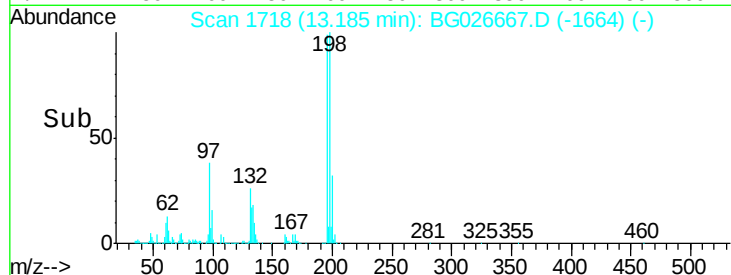
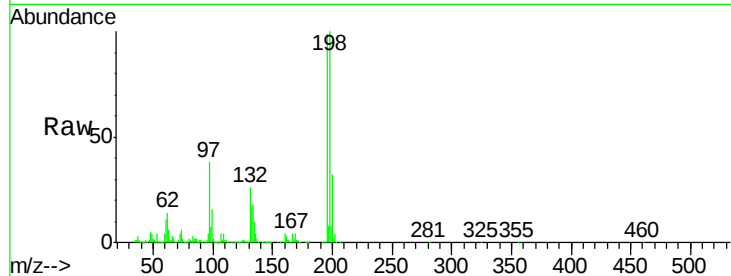
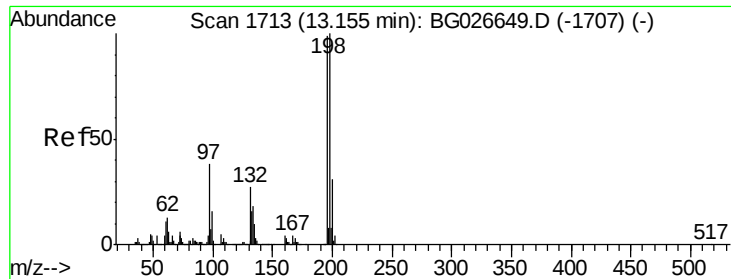
#42
 2,4,6-Trichlorophenol
 Concen: 49.14 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG026667.D
 Acq: 19 Apr 2017 22:11

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.5	81.4	122.2
200	33.0	27.0	40.6



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





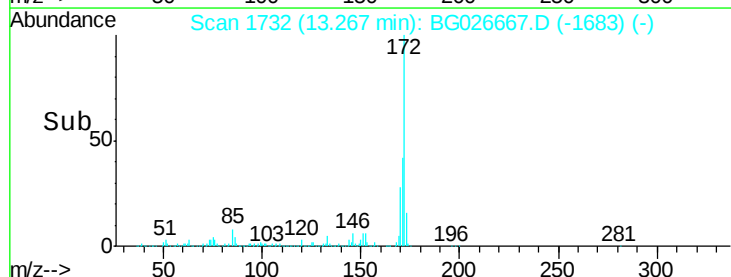
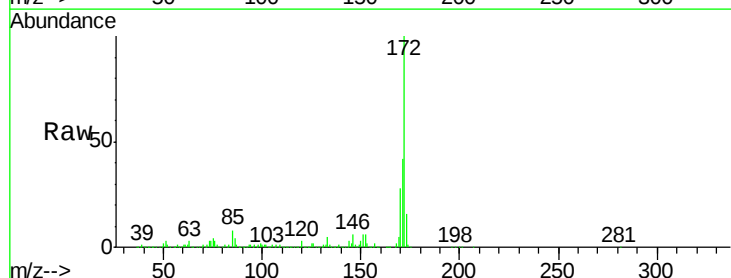
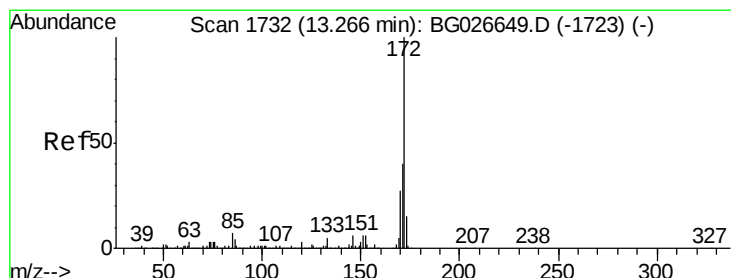
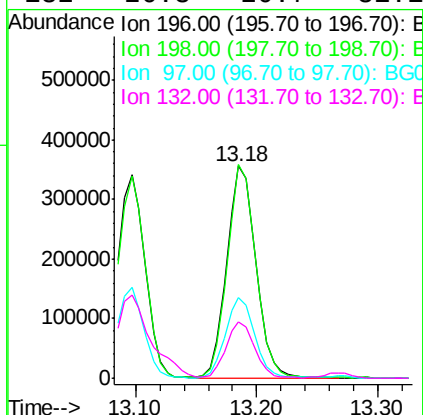
#43
2,4,5-Trichlorophenol
Concen: 50.80 ng
RT: 13.18 min Scan# 1718
Delta R.T. 0.01 min
Lab File: BG026667.D
Acq: 19 Apr 2017 22:11

Instrument :
BNA_G
ClientSampleId :
WC-B48-B49-001MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	100.7	79.9	119.9	
97	38.0	45.4	68.0	
132	26.3	20.7	31.1	

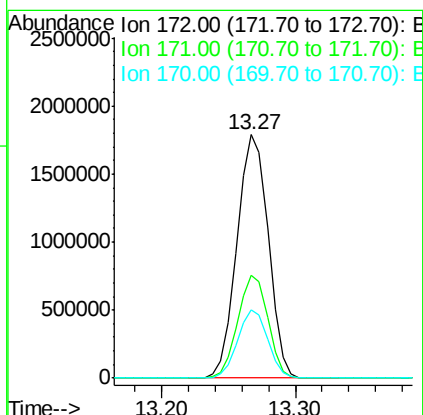
Manual Integrations
APPROVED

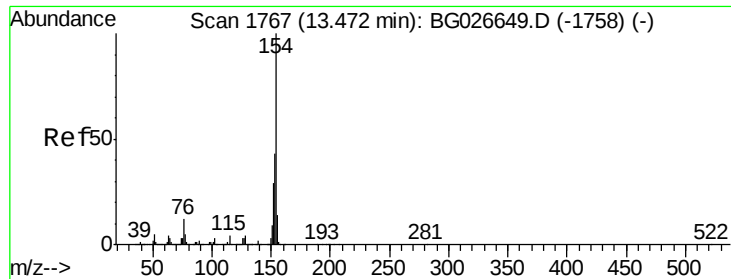
mohammad
4/20/2017 1:55:05 PM



#44
2-Fluorobiphenyl
Concen: 85.35 ng
RT: 13.27 min Scan# 1732
Delta R.T. -0.02 min
Lab File: BG026667.D
Acq: 19 Apr 2017 22:11

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	42.0	32.2	48.2	
170	28.1	21.8	32.6	





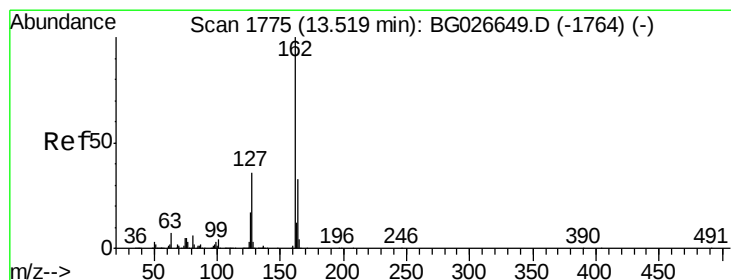
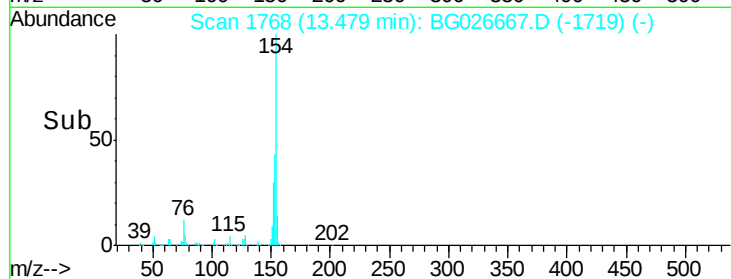
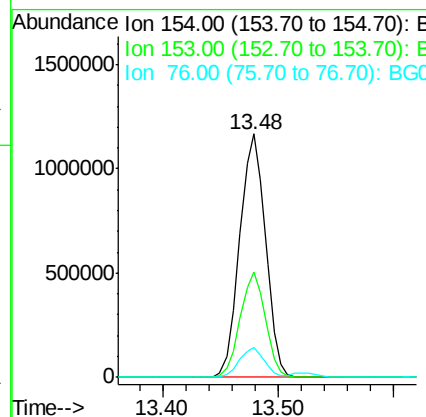
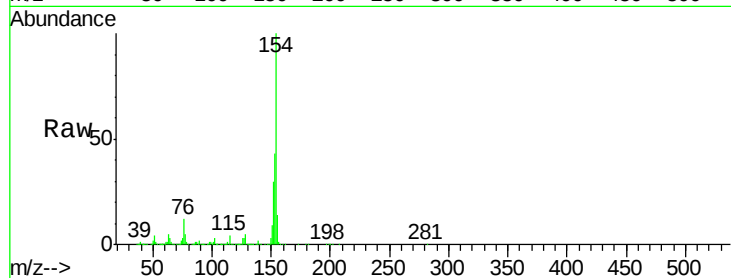
#45
 1,1'-Biphenyl
 Concen: 43.90 ng
 RT: 13.48 min Scan# 1768
 Delta R.T. -0.02 min
 Lab File: BG026667.D
 Acq: 19 Apr 2017 22:11

Instrument :
 BNA_G
 ClientSampleId :
 WC-B48-B49-001MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	43.1	23.0	63.0
76	12.2	0.0	33.5

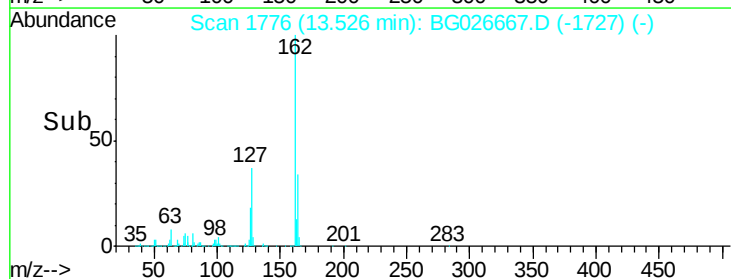
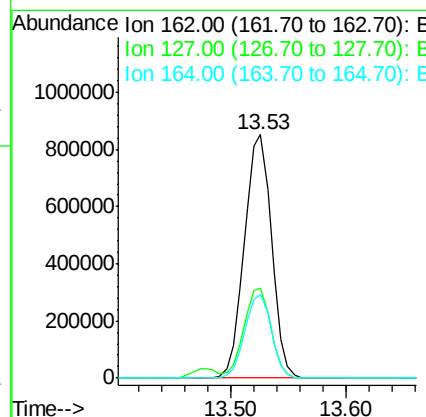
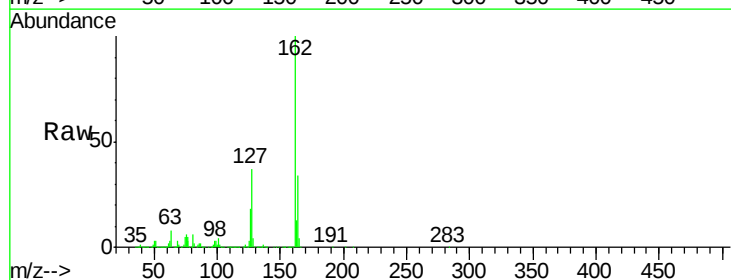
Manual Integrations
 APPROVED

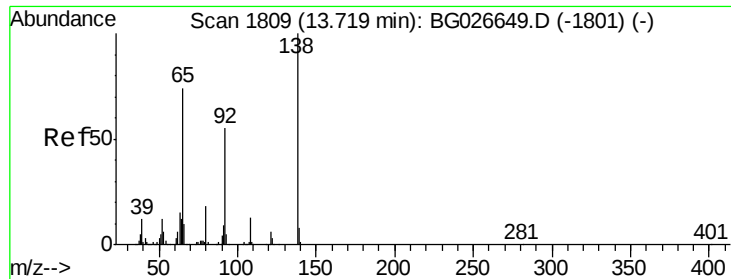
mohammad
 4/20/2017 1:55:05 PM



#46
 2-Chloronaphthalene
 Concen: 44.52 ng
 RT: 13.53 min Scan# 1776
 Delta R.T. -0.02 min
 Lab File: BG026667.D
 Acq: 19 Apr 2017 22:11

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.0	32.2	48.4
164	34.3	27.3	40.9





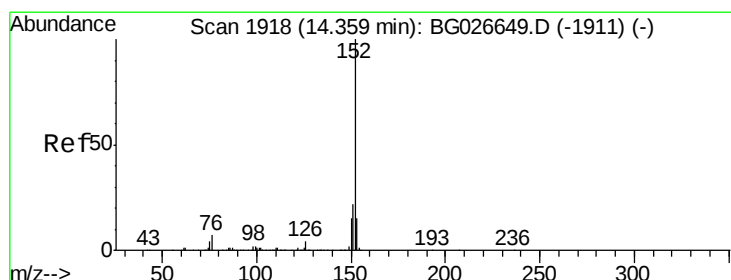
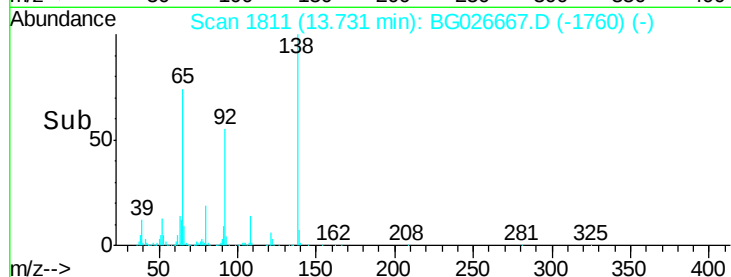
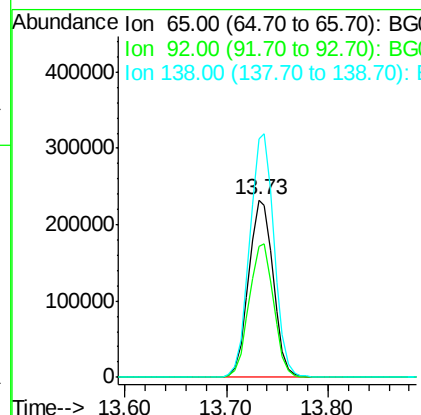
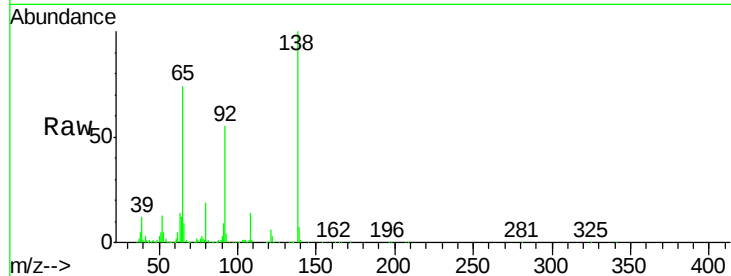
#47
2-Nitroaniline
Concen: 49.25 ng
RT: 13.73 min Scan# 1811
Delta R.T. -0.00 min
Lab File: BG026667.D
Acq: 19 Apr 2017 22:11

Instrument :
BNA_G
ClientSampleId :
WC-B48-B49-001MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.8	49.0	73.4#
138	134.5	58.6	87.8#

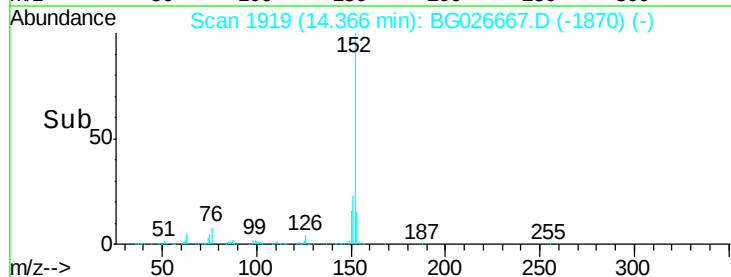
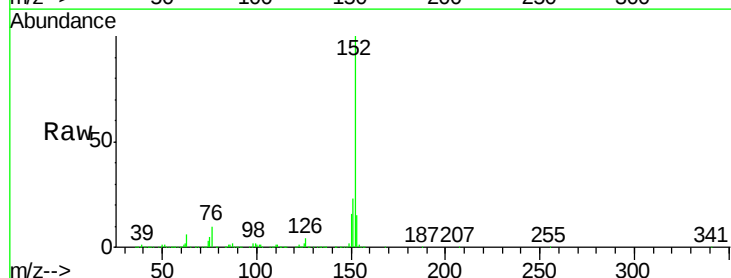
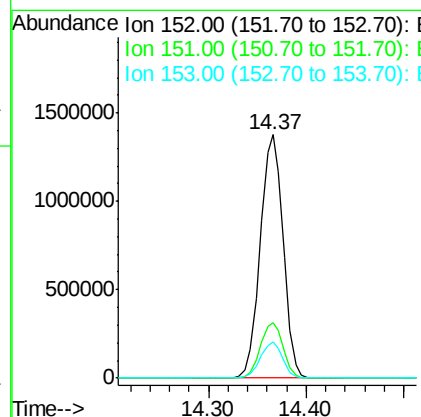
Manual Integrations
APPROVED

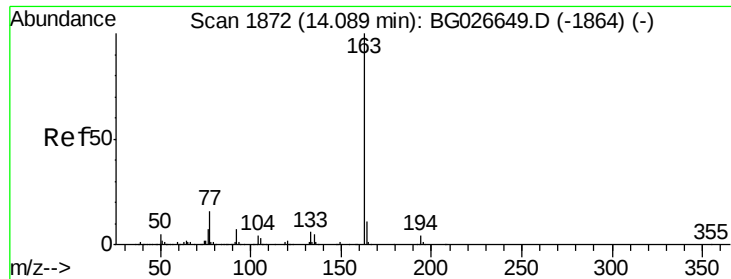
mohammad
4/20/2017 1:55:05 PM



#48
Acenaphthylene
Concen: 45.48 ng
RT: 14.37 min Scan# 1919
Delta R.T. -0.02 min
Lab File: BG026667.D
Acq: 19 Apr 2017 22:11

Tgt Ion	Ratio	Lower	Upper
152	100		
151	23.0	18.2	27.2
153	15.0	11.3	16.9





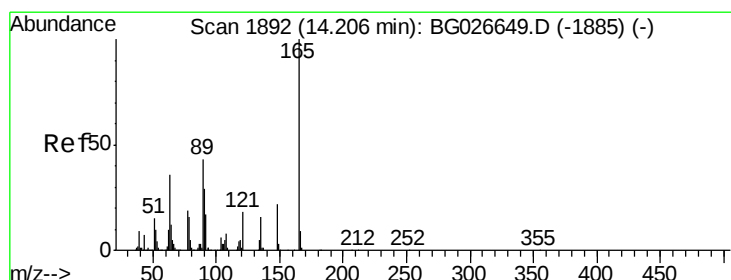
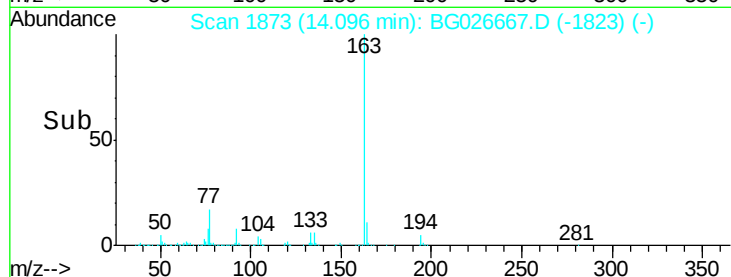
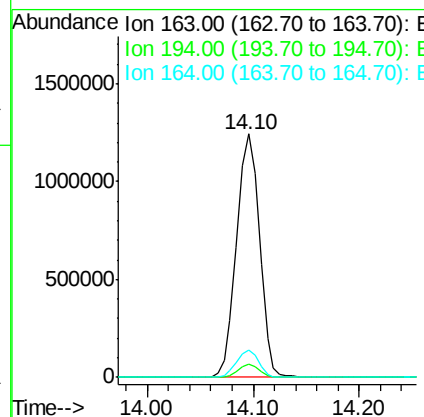
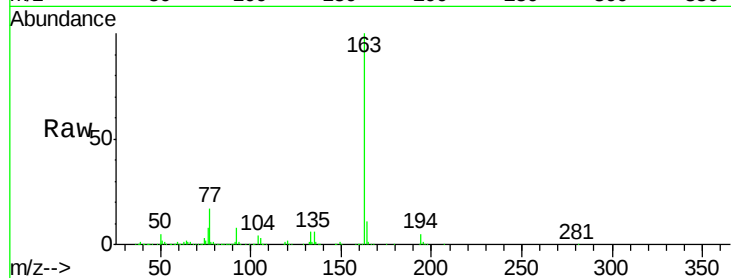
#49
Dimethylphthalate
Concen: 46.49 ng
RT: 14.10 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BG026667.D
Acq: 19 Apr 2017 22:11

Instrument :
BNA_G
ClientSampleId :
WC-B48-B49-001MS

Tot Ion	Ion	Ratio	Lower	Upper
163	100			
194	5.2	3.8	5.6	
164	11.0	9.3	13.9	

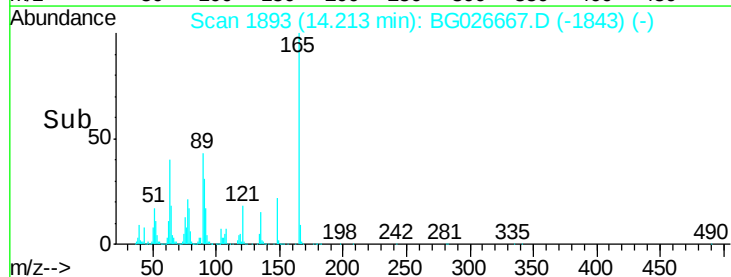
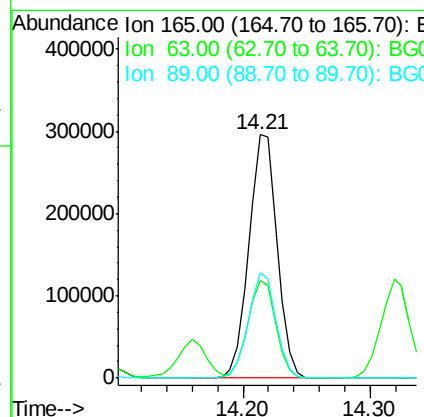
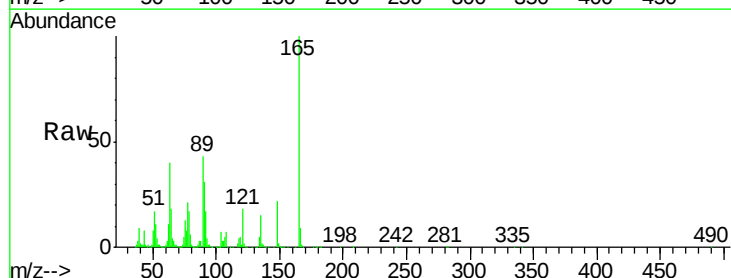
Manual Integrations
APPROVED

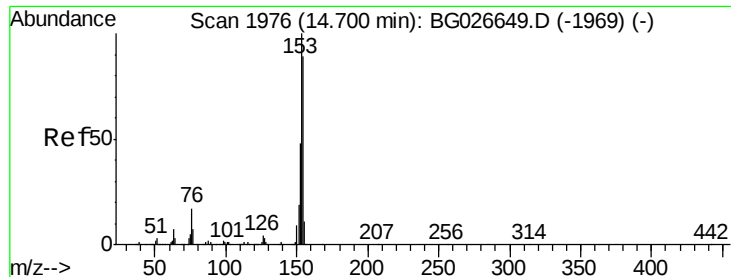
mohammad
4/20/2017 1:55:05 PM



#50
2,6-Dinitrotoluene
Concen: 48.90 ng
RT: 14.21 min Scan# 1893
Delta R.T. -0.01 min
Lab File: BG026667.D
Acq: 19 Apr 2017 22:11

Tgt Ion	Ion	Ratio	Lower	Upper
165	100			
63	40.4	63.9	95.9#	
89	43.3	58.6	88.0#	





#51

Acenaphthene

Concen: 45.84 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.02 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

Instrument :

BNA_G

ClientSampleId :

WC-B48-B49-001MS

Tot Ion:154 Resp: 1463496

Ion Ratio Lower Upper

154 100

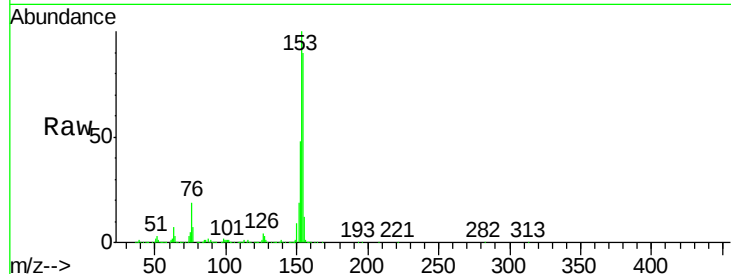
153 110.6 87.8 131.6

152 53.5 42.2 63.4

Manual Integrations
APPROVED

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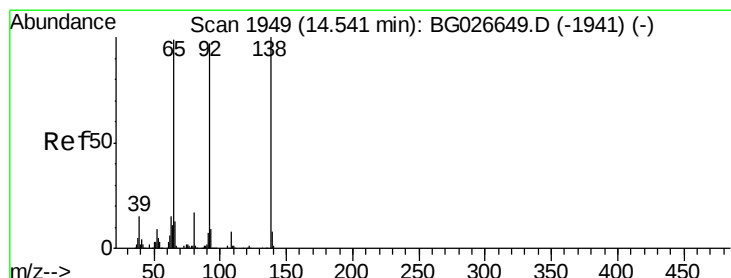
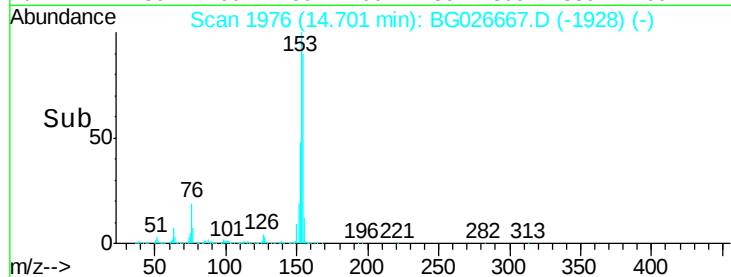
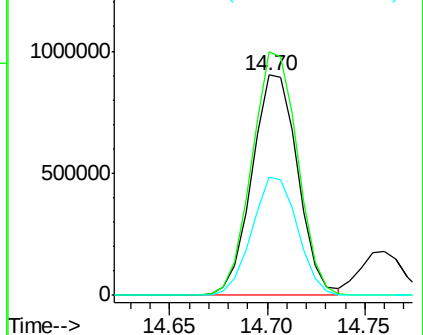
4/20/2017 1:55:05 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 13.07 ng

RT: 14.56 min Scan# 1952

Delta R.T. 0.01 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

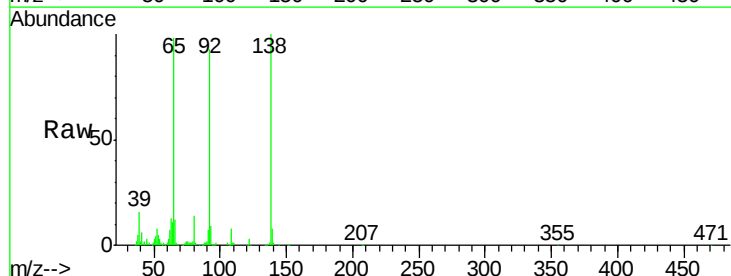
Tgt Ion:138 Resp: 133697

Ion Ratio Lower Upper

138 100

108 8.1 10.9 16.3#

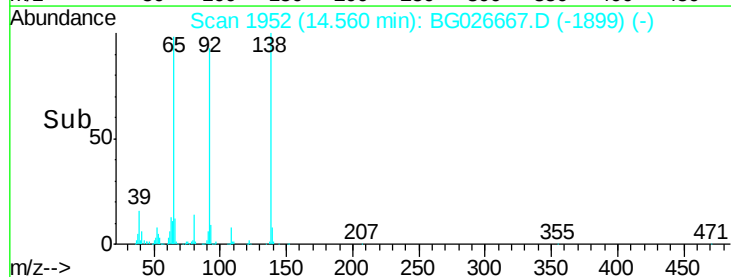
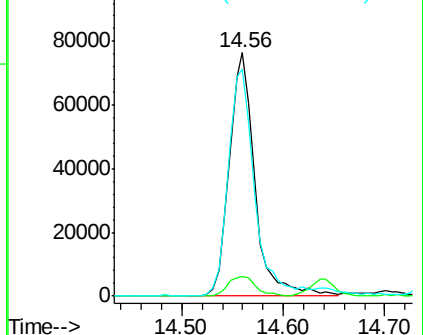
92 93.0 115.3 172.9#

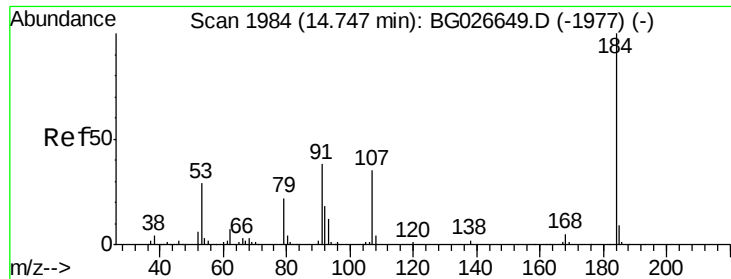


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





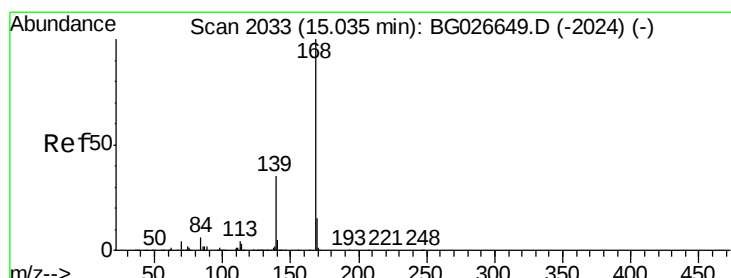
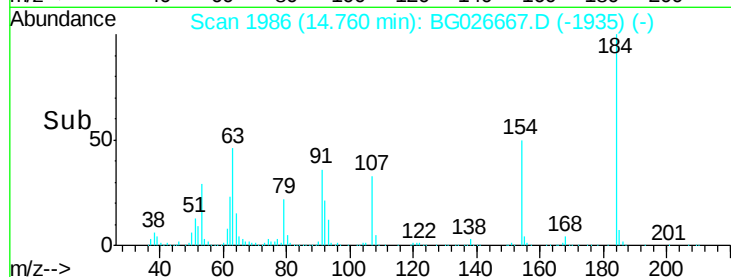
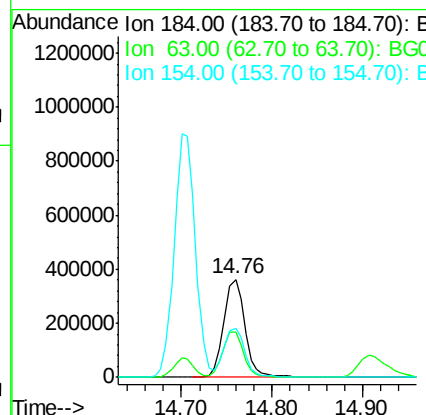
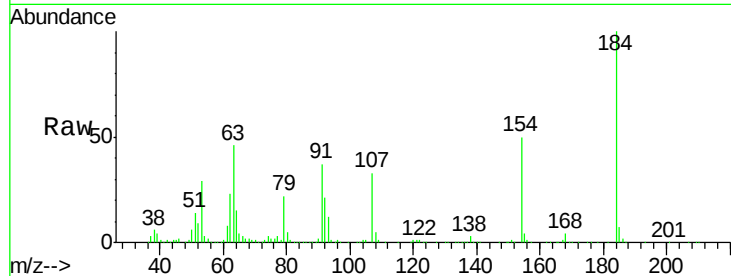
#53
2,4-Dinitrophenol
Concen: 104.01 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG026667.D
Acq: 19 Apr 2017 22:11

Instrument :
BNA_G
ClientSampleId :
WC-B48-B49-001MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	45.8	52.7	79.1#
154	50.2	57.3	85.9#

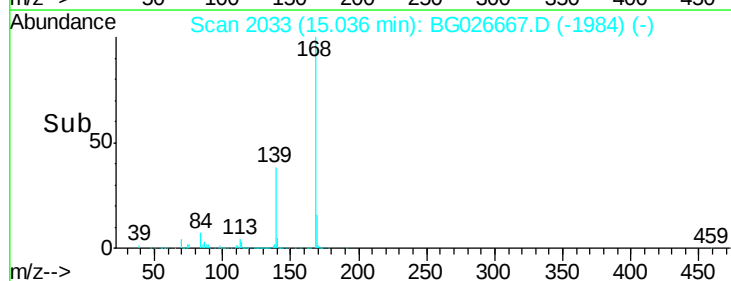
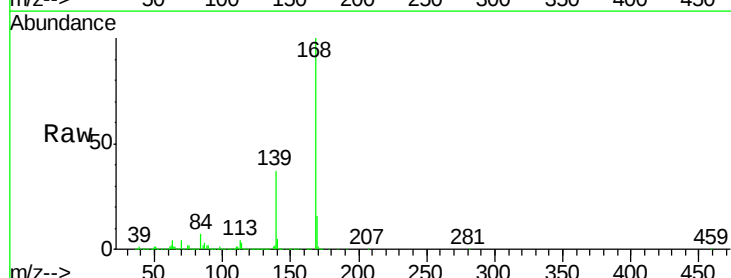
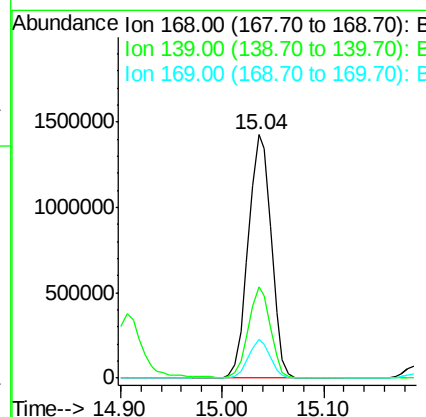
Manual Integrations
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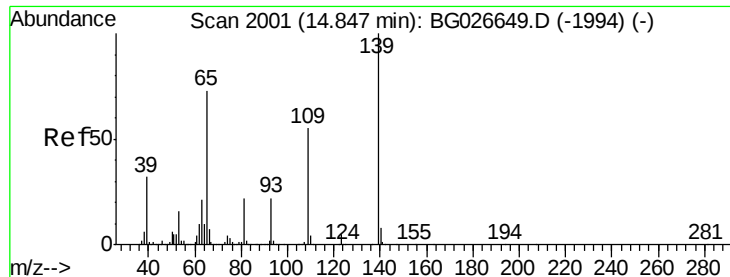
mohammad
4/20/2017 1:55:05 PM



#54
Dibenzofuran
Concen: 45.05 ng
RT: 15.04 min Scan# 2033
Delta R.T. -0.02 min
Lab File: BG026667.D
Acq: 19 Apr 2017 22:11

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.5	35.3	52.9
169	15.9	11.5	17.3





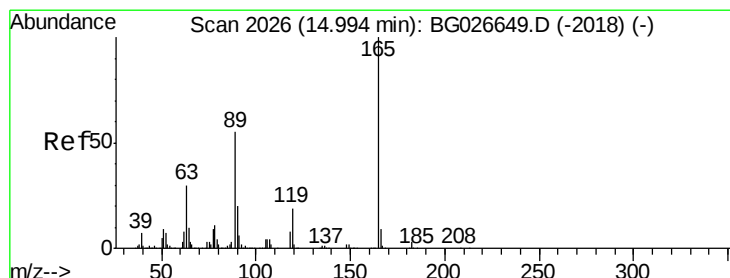
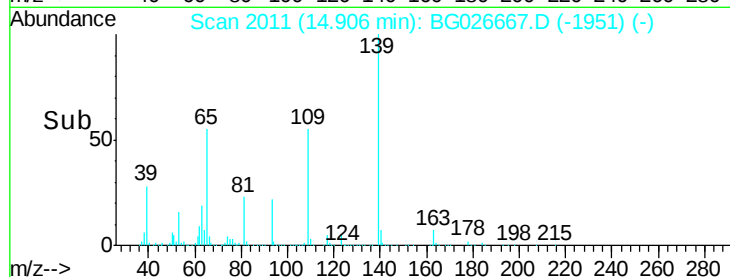
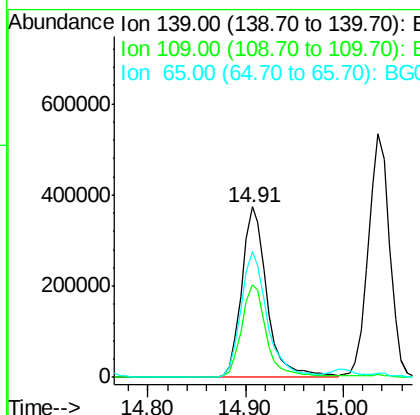
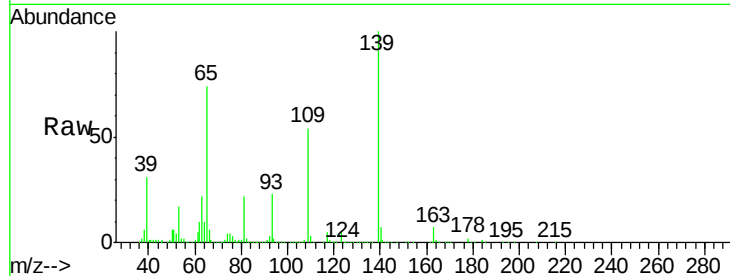
#55
4-Nitrophenol
Concen: 78.45 ng
RT: 14.91 min Scan# 2011
Delta R.T. 0.05 min
Lab File: BG026667.D
Acq: 19 Apr 2017 22:11

Instrument :
BNA_G
ClientSampleId :
WC-B48-B49-001MS

Tot Ion	Ratio	Lower	Upper
139	100		
109	54.5	101.2	141.2#
65	74.0	135.3	175.3#

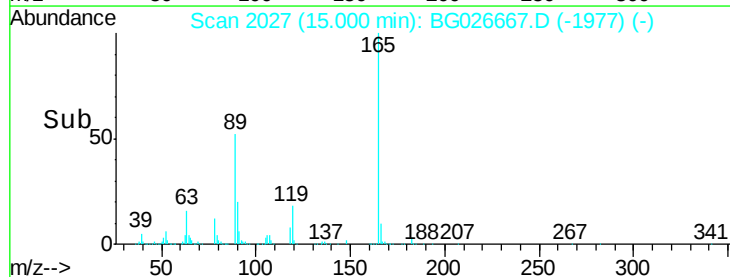
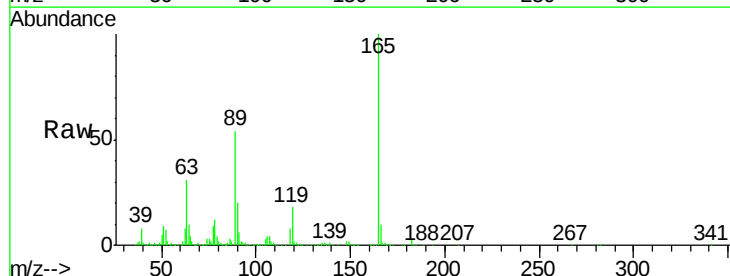
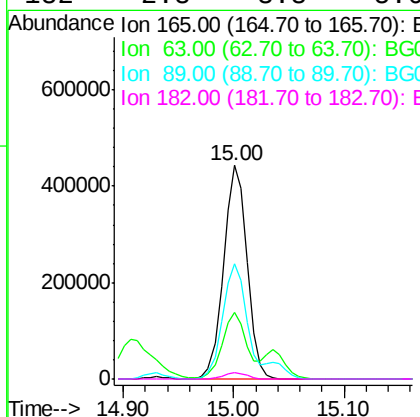
Manual Integrations
APPROVED

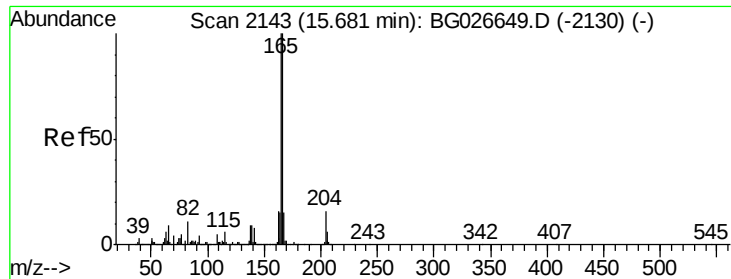
mohammad
4/20/2017 1:55:05 PM



#56
2,4-Dinitrotoluene
Concen: 49.30 ng
RT: 15.00 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BG026667.D
Acq: 19 Apr 2017 22:11

Tgt Ion	Ratio	Lower	Upper
165	100		
63	31.2	44.0	66.0#
89	53.7	67.3	100.9#
182	2.8	3.8	5.6#





#57

Fluorene

Concen: 45.91 ng

RT: 15.68 min Scan# 2143

Delta R.T. -0.02 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

Instrument :

BNA_G

ClientSampleId :

WC-B48-B49-001MS

Tot Ion:166 Resp: 1881305

Ion Ratio Lower Upper

166 100

165 99.0 78.6 117.8

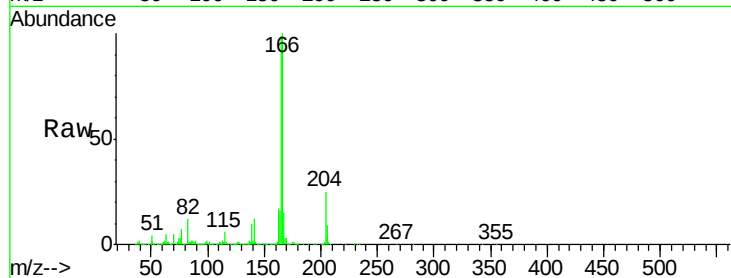
167 15.3 11.6 17.4

Manual Integrations

APPROVED

mohammad

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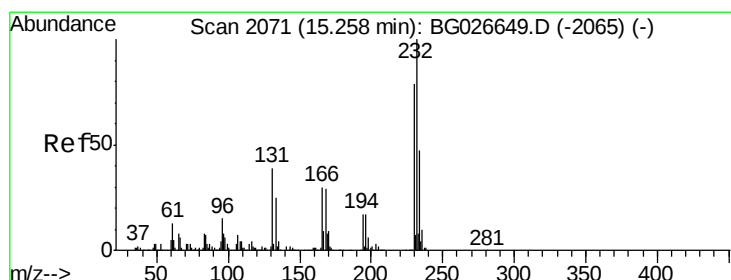
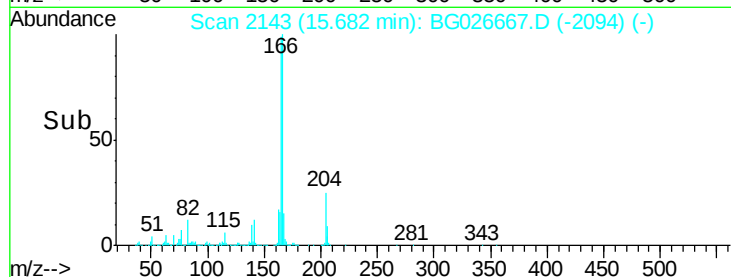
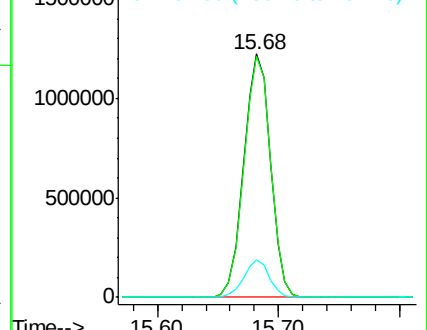


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.90 ng

RT: 15.27 min Scan# 2073

Delta R.T. -0.00 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

Tgt Ion:232 Resp: 548443

Ion Ratio Lower Upper

232 100

131 39.4 34.9 52.3

130 2.3 2.3 3.5#

166 28.8 24.2 36.4

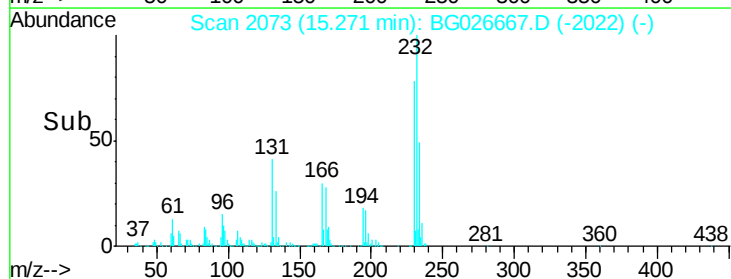
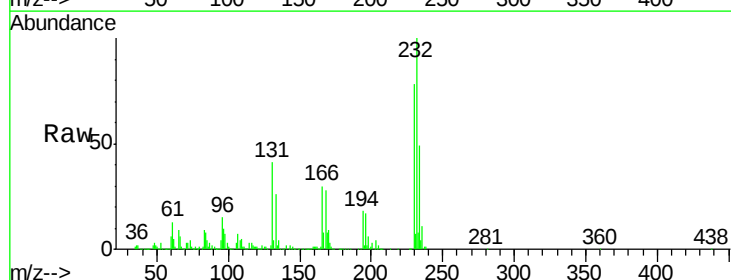
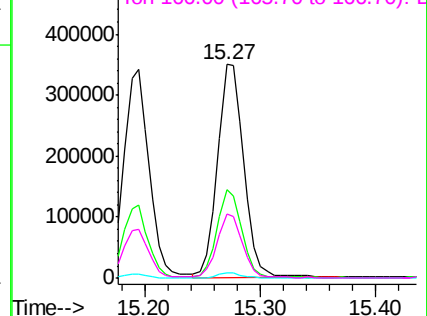
Abundance

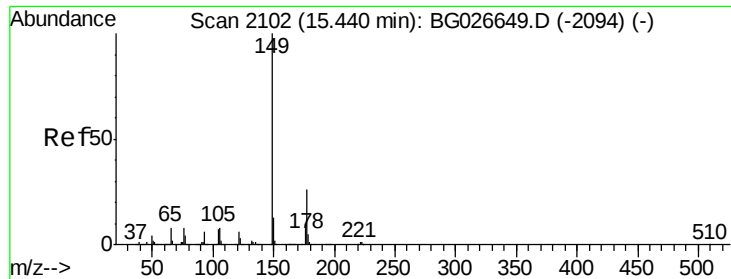
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





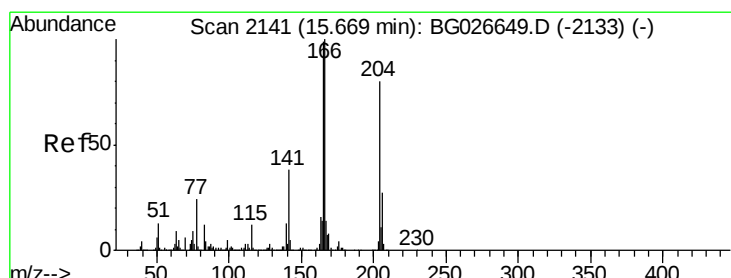
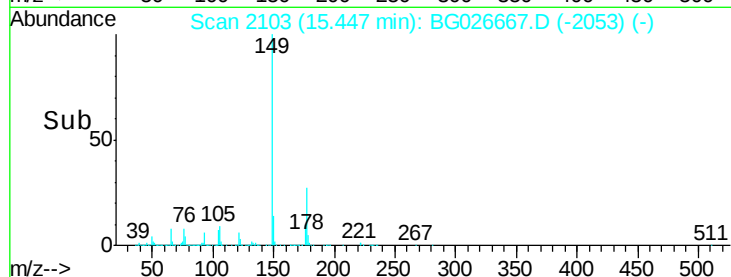
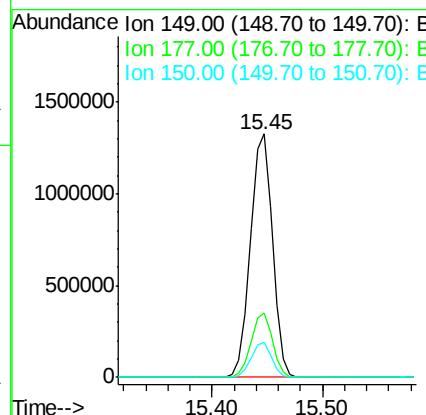
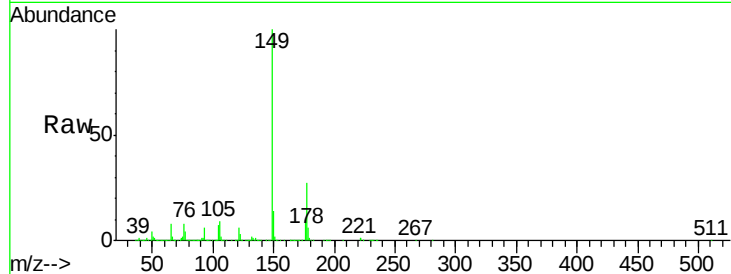
#59
Diethylphthalate
Concen: 45.65 ng
RT: 15.45 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BG026667.D
Acq: 19 Apr 2017 22:11

Instrument :
BNA_G
ClientSampleId :
WC-B48-B49-001MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	26.6	20.1	30.1
150	14.2	10.2	15.2

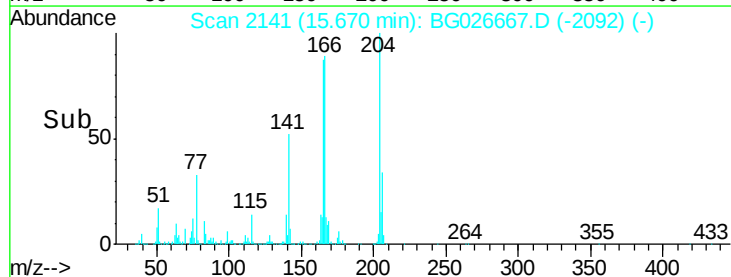
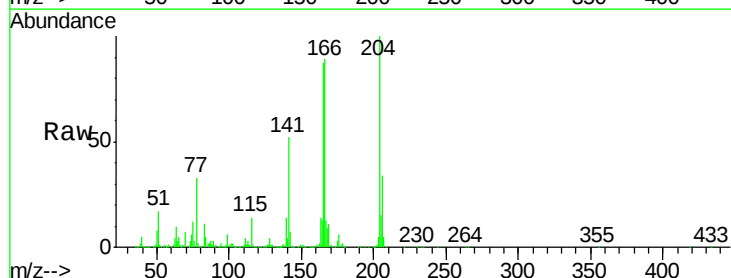
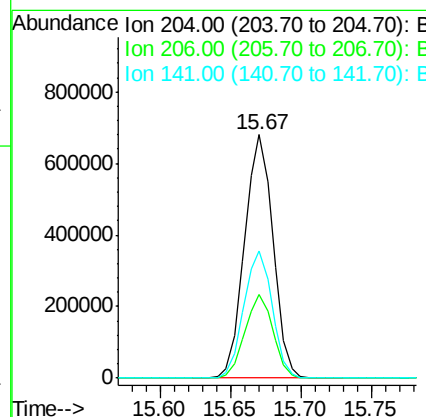
Manual Integrations
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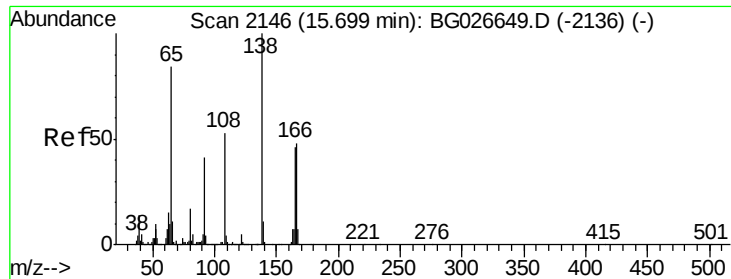
mohammad
4/20/2017 1:55:05 PM



#60
4-Chlorophenyl-phenylether
Concen: 46.86 ng
RT: 15.67 min Scan# 2141
Delta R.T. -0.02 min
Lab File: BG026667.D
Acq: 19 Apr 2017 22:11

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.3	30.1	45.1
141	52.2	50.6	76.0





#61

4-Nitroaniline

Concen: 33.32 ng

RT: 15.72 min Scan# 2149

Delta R.T. 0.01 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

Instrument :

BNA_G

ClientSampleId :

WC-B48-B49-001MS

Tot Ion:138 Resp: 363390

Ion Ratio Lower Upper

138 100

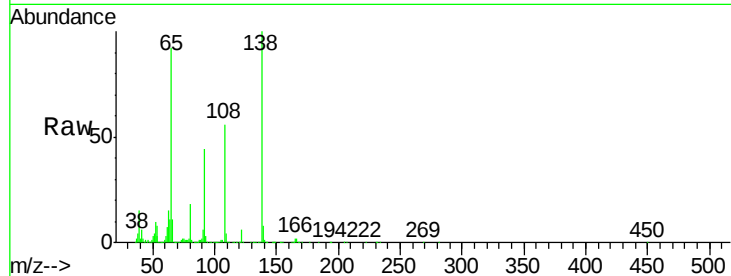
92 44.0 44.2 84.2#

108 56.1 104.8 144.8#

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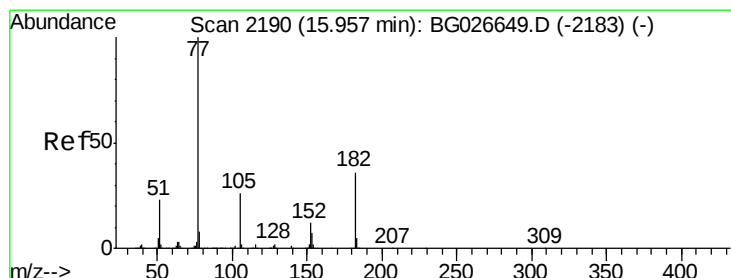
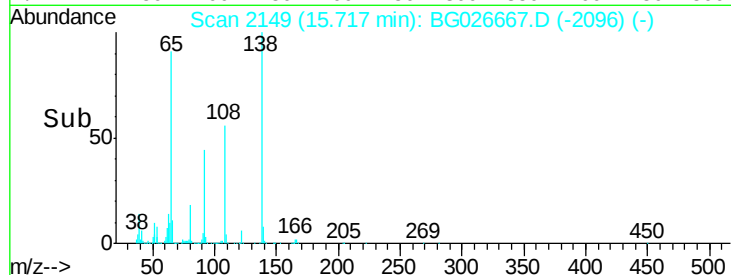
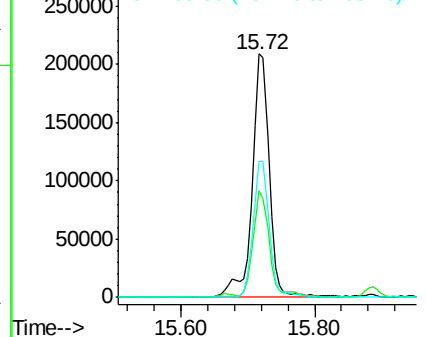
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 46.27 ng

RT: 15.96 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

Tgt Ion: 77 Resp: 1455560

Ion Ratio Lower Upper

77 100

182 37.8 4.7 44.7

105 26.2 0.0 36.3

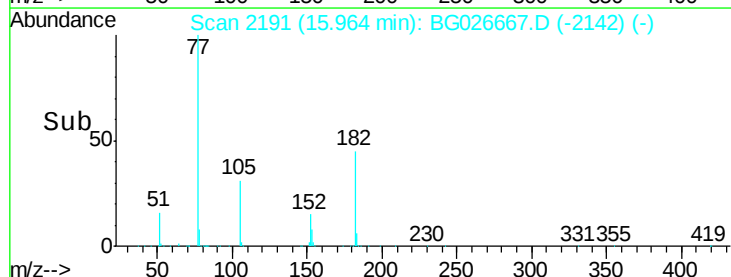
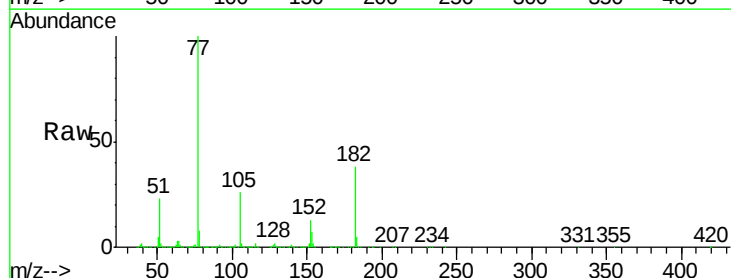
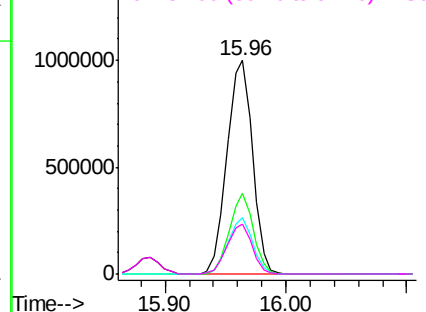
51 23.1 16.4 56.4

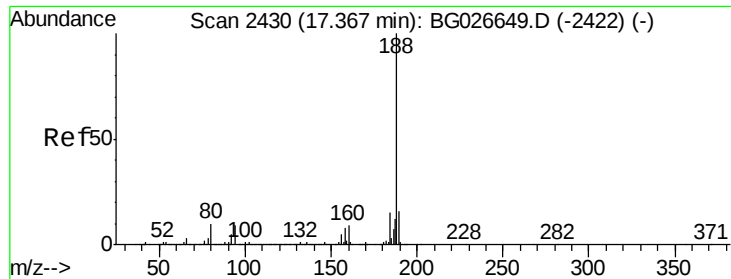
Abundance Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.37 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

Instrument :

BNA_G

ClientSampleId :

WC-B48-B49-001MS

Tot Ion:188 Resp: 1210517

Ion Ratio Lower Upper

188 100

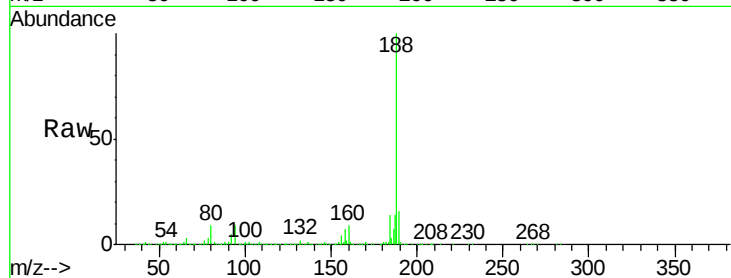
94 9.0 5.8 8.8#

80 9.2 7.5 11.3

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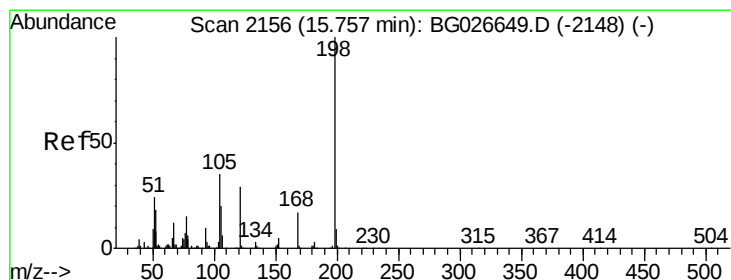
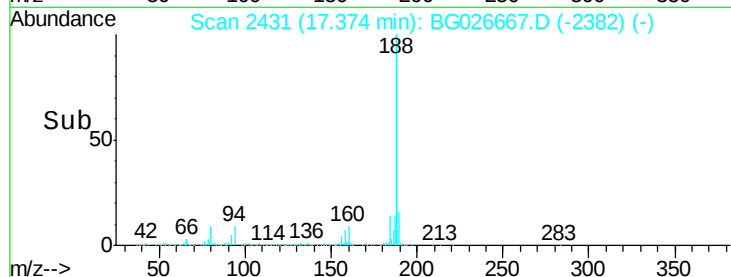
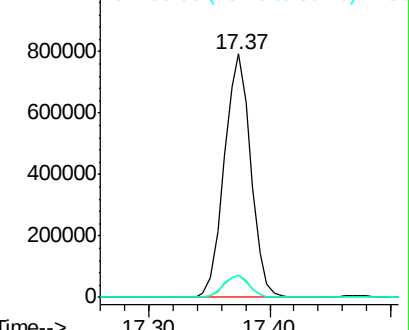
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Abundance Ion 188.00 (187.70 to 188.70): E

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: 51.15 ng

RT: 15.76 min Scan# 2157

Delta R.T. -0.01 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

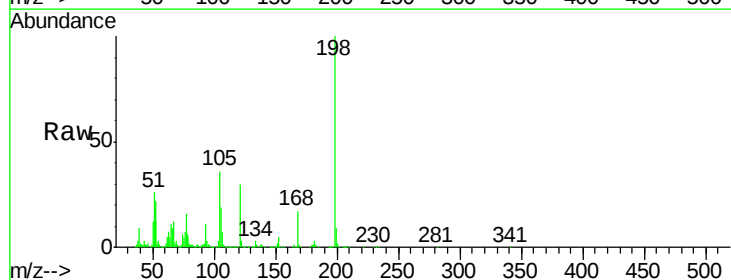
Tgt Ion:198 Resp: 418170

Ion Ratio Lower Upper

198 100

51 25.9 22.6 62.6

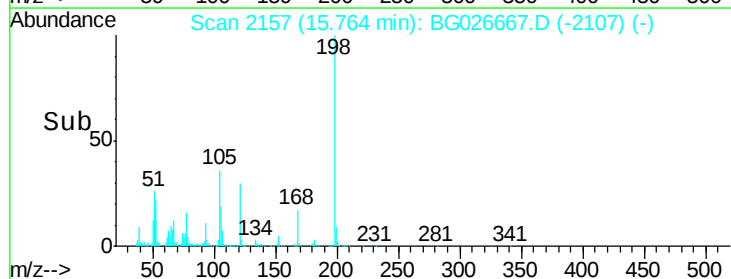
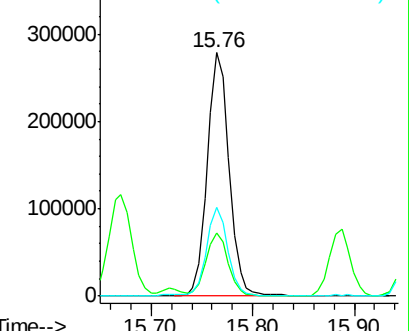
105 36.3 14.4 54.4

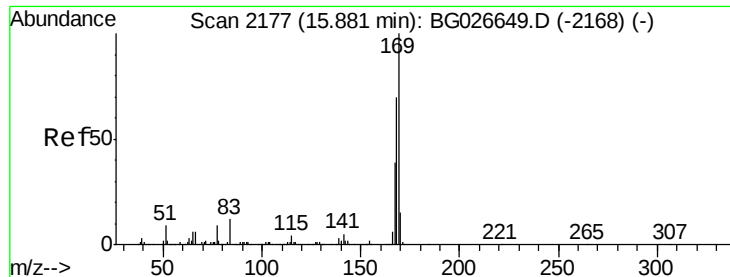


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 36.03 ng

RT: 15.89 min Scan# 2178

Delta R.T. -0.01 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

Instrument :

BNA_G

ClientSampleId :

WC-B48-B49-001MS

Tot Ion:169 Resp: 1258294

Ion Ratio Lower Upper

169 100

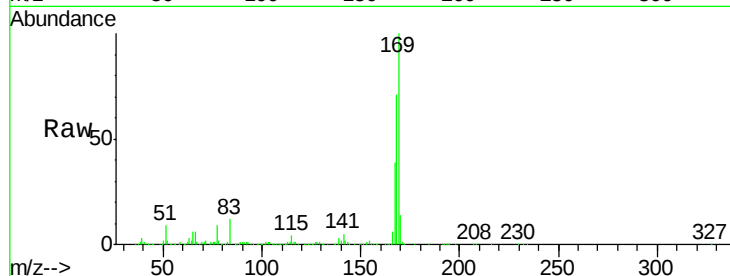
168 71.4 55.7 83.5

167 38.9 29.8 44.6

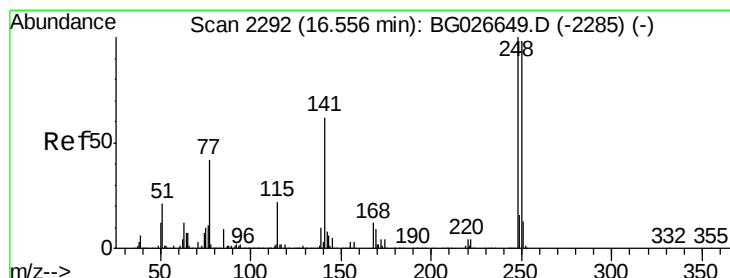
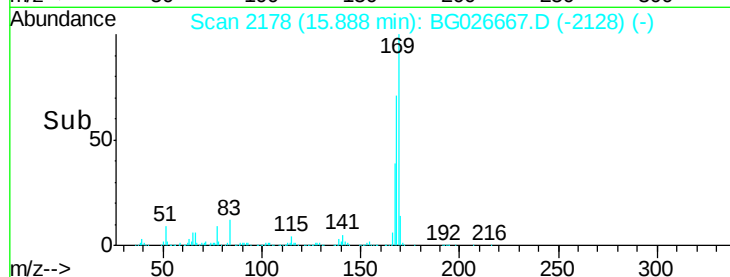
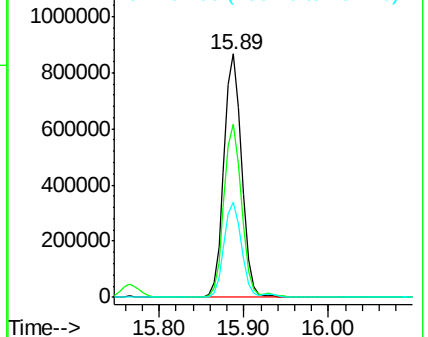
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 49.82 ng

RT: 16.56 min Scan# 2293

Delta R.T. -0.01 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

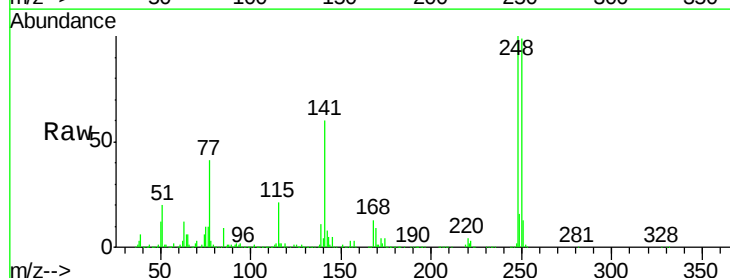
Tgt Ion:248 Resp: 658896

Ion Ratio Lower Upper

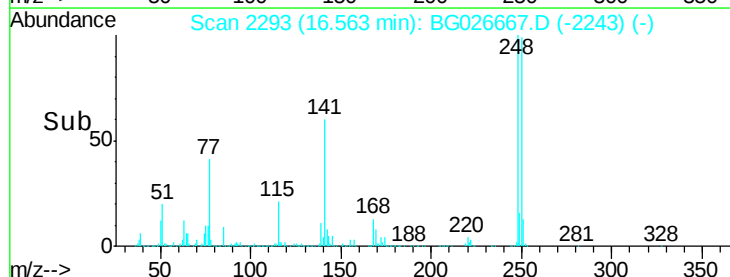
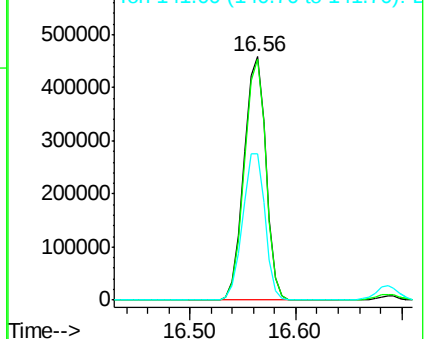
248 100

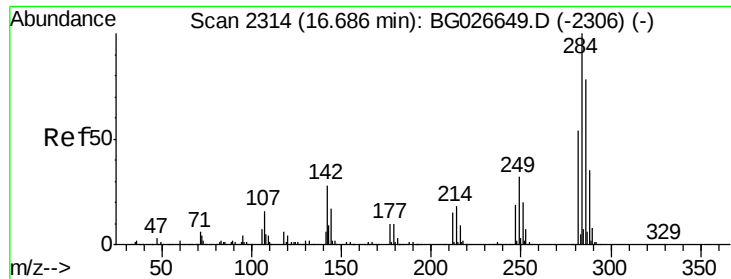
250 99.0 75.0 112.6

141 60.0 55.2 82.8



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 47.69 ng

RT: 16.69 min Scan# 2314

Delta R.T. -0.02 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

Instrument :

BNA_G

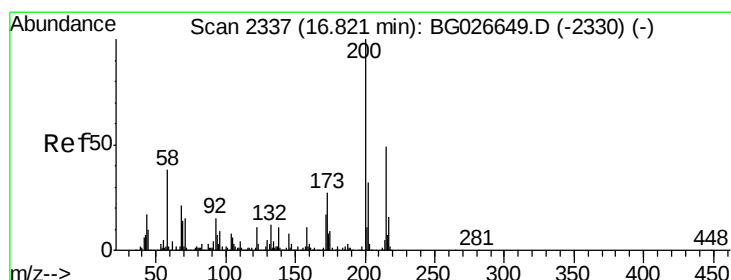
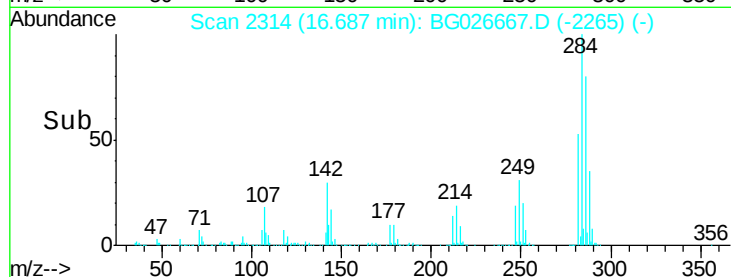
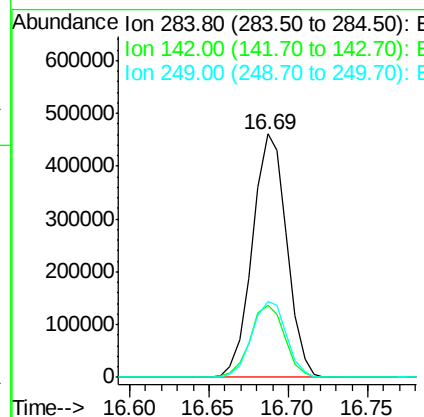
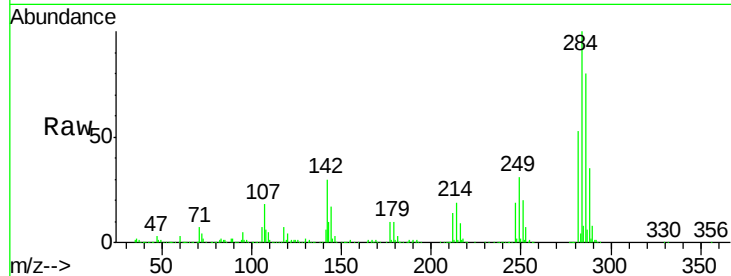
ClientSampleId :

WC-B48-B49-001MS

Tot Ion:	284	Resp:	693414
Ion Ratio		Lower	Upper
284	100		
142	29.8	29.9	44.9#
249	31.0	29.2	43.8

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#68

Atrazine

Concen: 8.51 ng

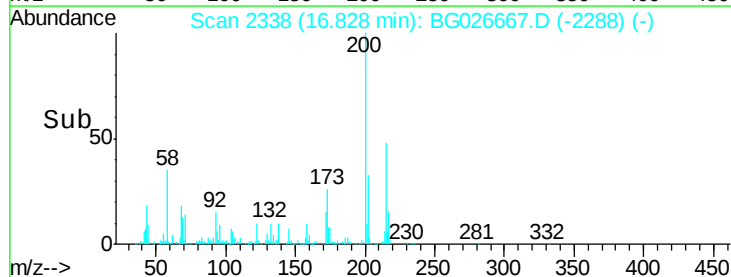
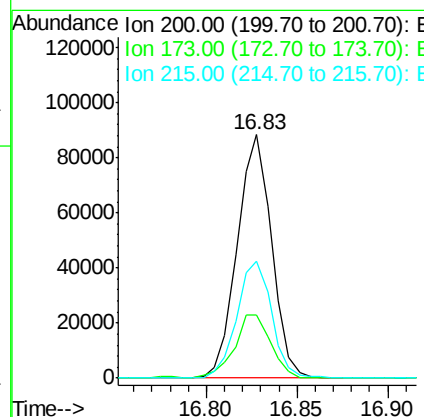
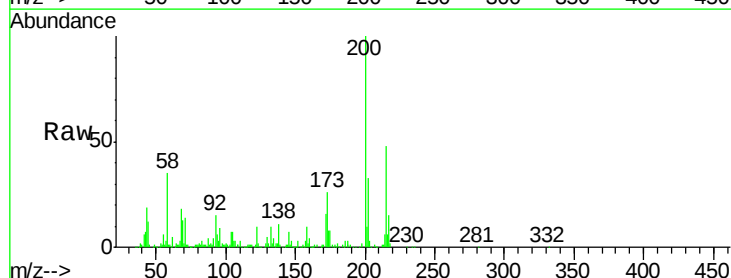
RT: 16.83 min Scan# 2338

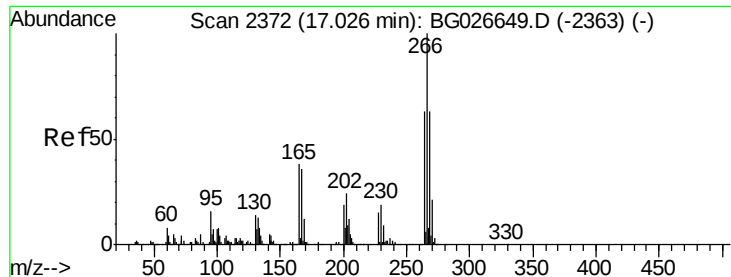
Delta R.T. -0.01 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

Tgt Ion:	200	Resp:	116183
Ion Ratio		Lower	Upper
200	100		
173	25.9	3.0	43.0
215	48.0	28.4	68.4





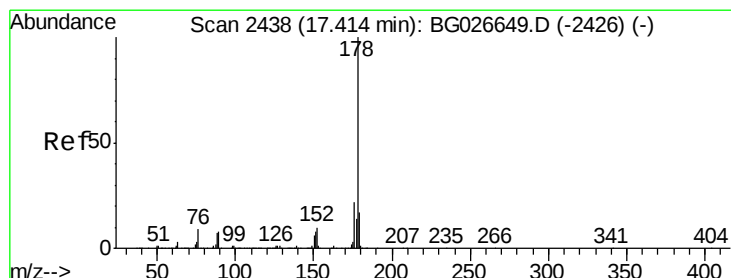
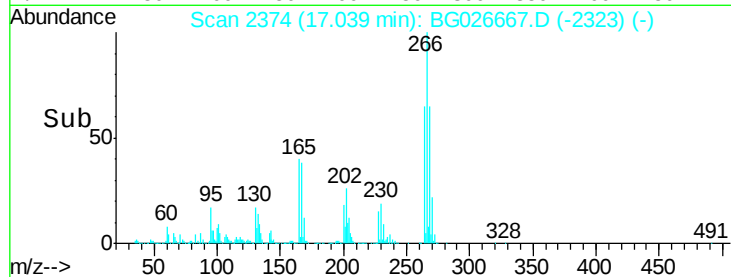
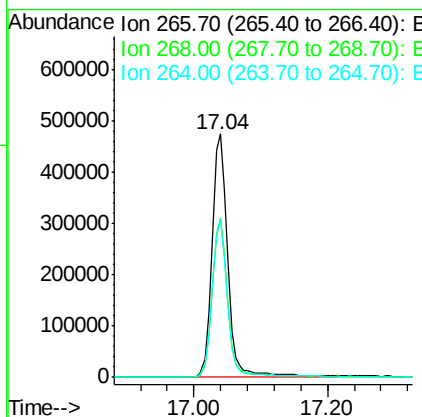
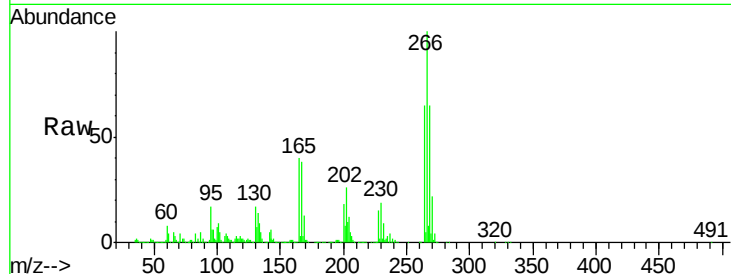
#69
 Pentachlorophenol
 Concen: 90.70 ng
 RT: 17.04 min Scan# 2374
 Delta R.T. -0.00 min
 Lab File: BG026667.D
 Acq: 19 Apr 2017 22:11

Instrument :
 BNA_G
 ClientSampleId :
 WC-B48-B49-001MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.4	48.6	72.8
264	64.9	50.1	75.1

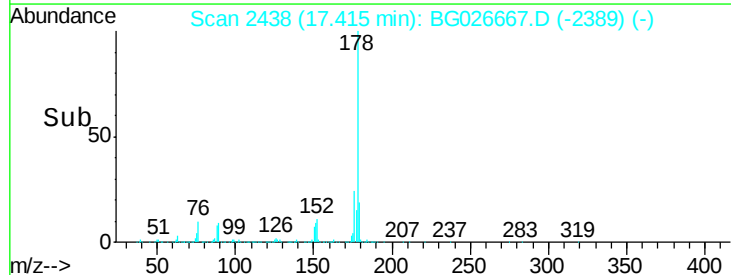
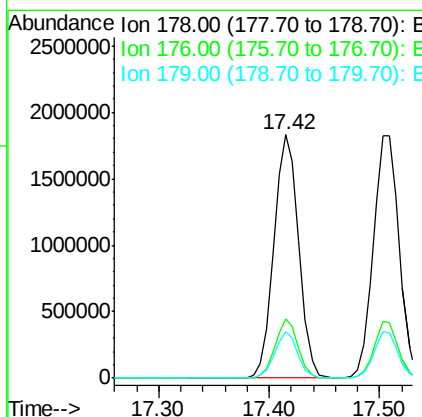
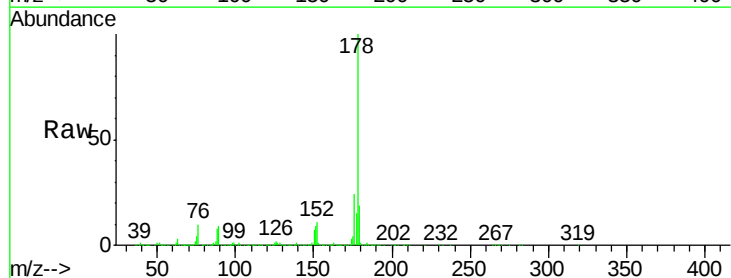
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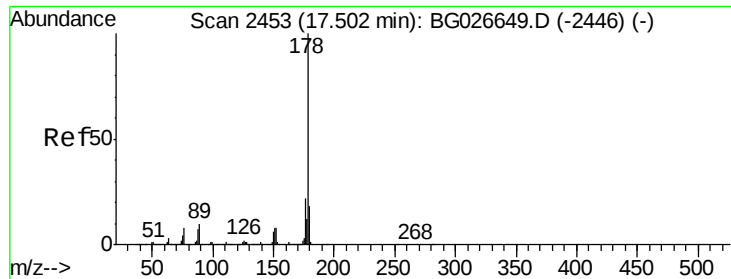
mohammad
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#70
 Phenanthrene
 Concen: 45.69 ng
 RT: 17.42 min Scan# 2438
 Delta R.T. -0.02 min
 Lab File: BG026667.D
 Acq: 19 Apr 2017 22:11

Tgt Ion	Ratio	Lower	Upper
178	100		
176	24.3	17.7	26.5
179	19.0	15.0	22.6





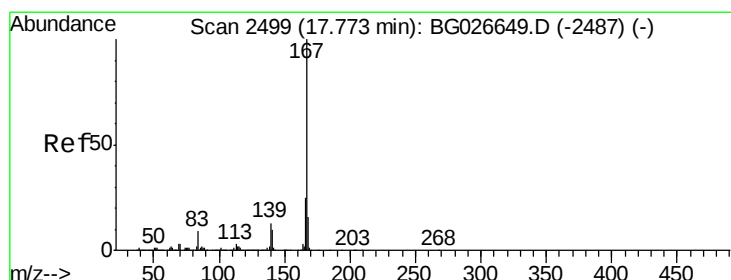
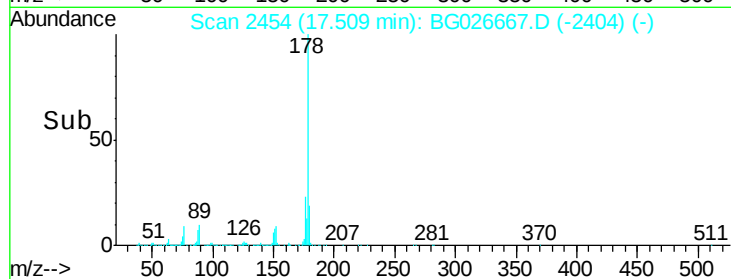
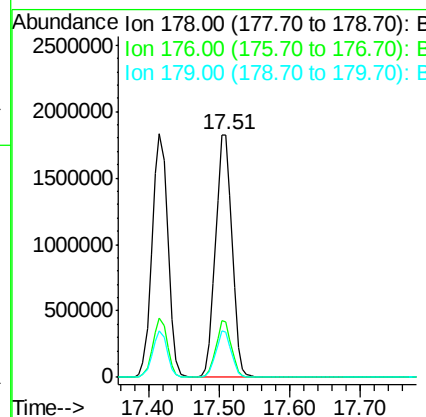
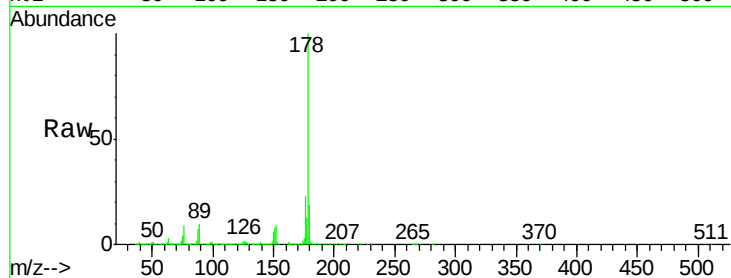
#71
 Anthracene
 Concen: 45.98 ng
 RT: 17.51 min Scan# 2454
 Delta R.T. -0.01 min
 Lab File: BG026667.D
 Acq: 19 Apr 2017 22:11

Instrument :
 BNA_G
 ClientSampleId :
 WC-B48-B49-001MS

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	22.9	16.4	24.6	
179	18.9	13.8	20.8	

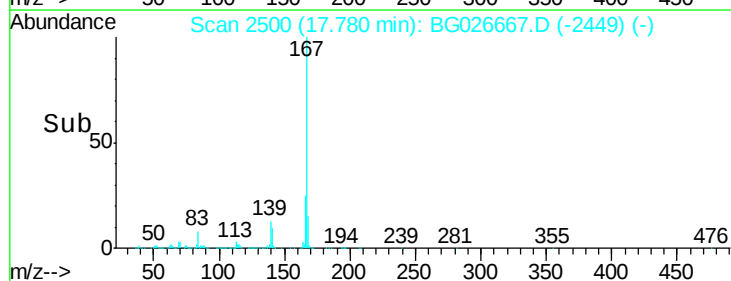
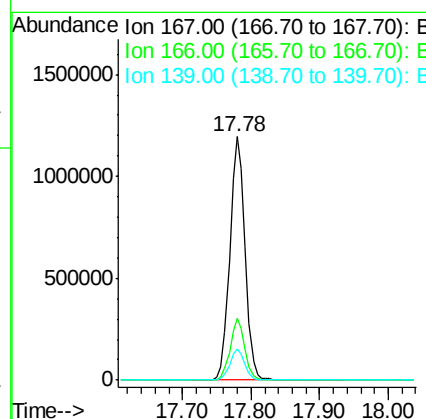
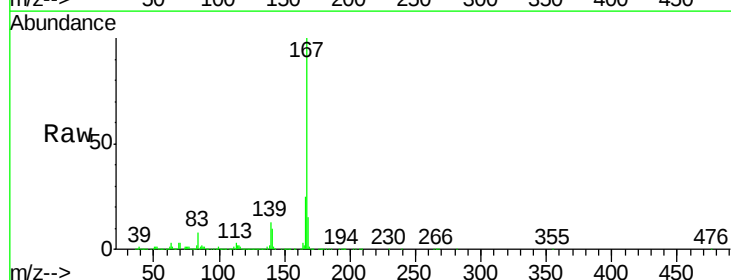
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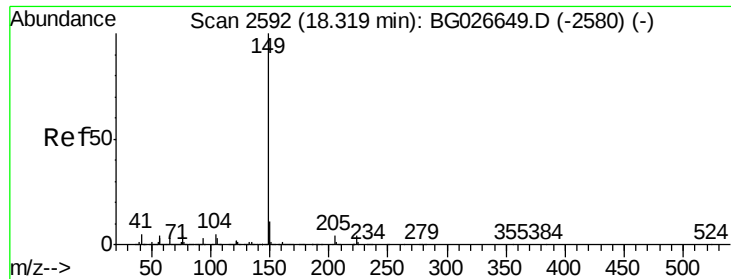
mohammad
 4/20/2017 1:55:05 PM



#72
 Carbazole
 Concen: 29.91 ng
 RT: 17.78 min Scan# 2500
 Delta R.T. -0.00 min
 Lab File: BG026667.D
 Acq: 19 Apr 2017 22:11

Tgt Ion	Ion	Ratio	Lower	Upper
167	100			
166	25.2	20.2	30.2	
139	12.9	12.8	19.2	





#73

Di-n-butylphthalate

Concen: 44.11 ng

RT: 18.32 min Scan# 2592

Delta R.T. -0.02 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

Instrument :

BNA_G

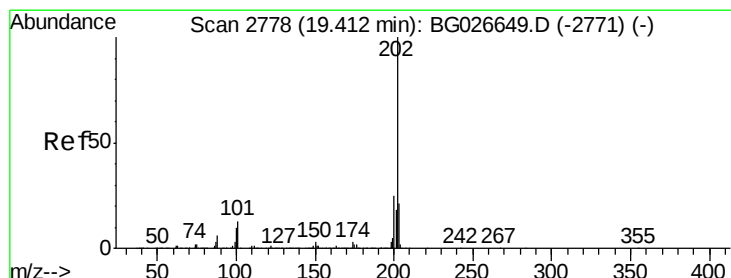
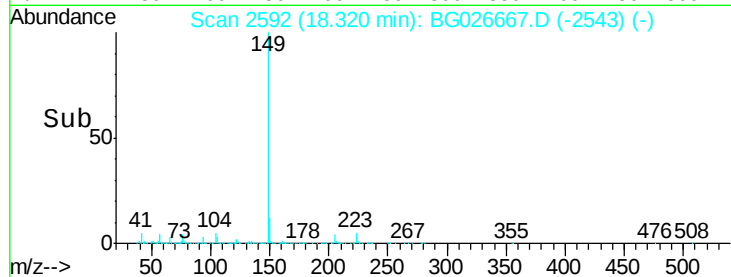
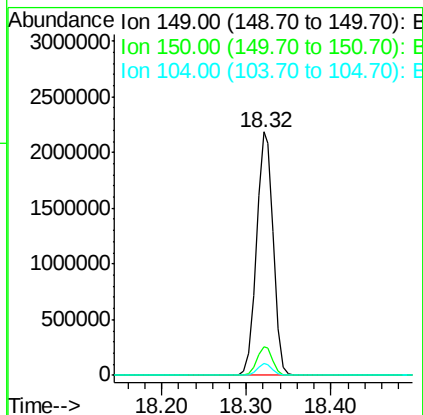
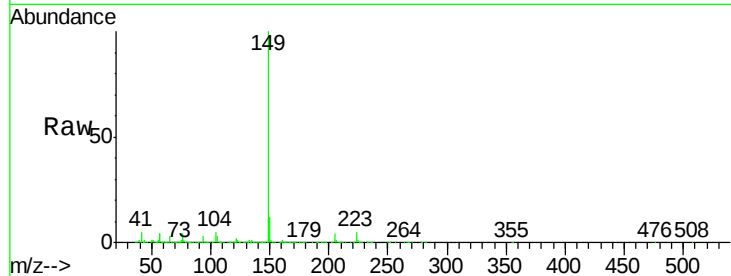
ClientSampleId :

WC-B48-B49-001MS

Tot Ion:	149	Resp:	3050394
Ion	Ratio	Lower	Upper
149	100		
150	11.8	9.1	13.7
104	5.1	6.7	10.1

Manual Integrations
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mohammad
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#74

Fluoranthene

Concen: 42.99 ng

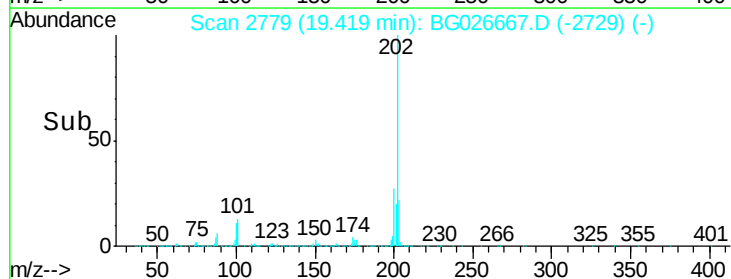
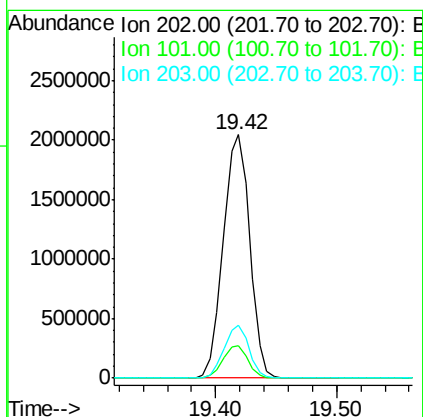
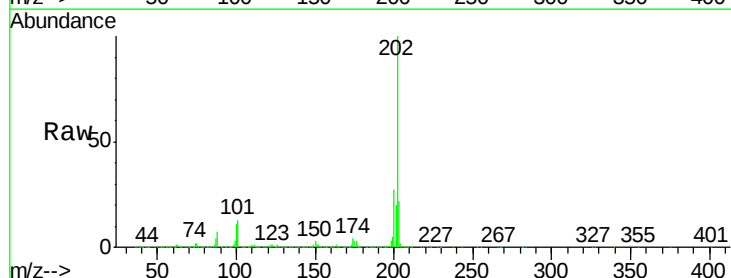
RT: 19.42 min Scan# 2779

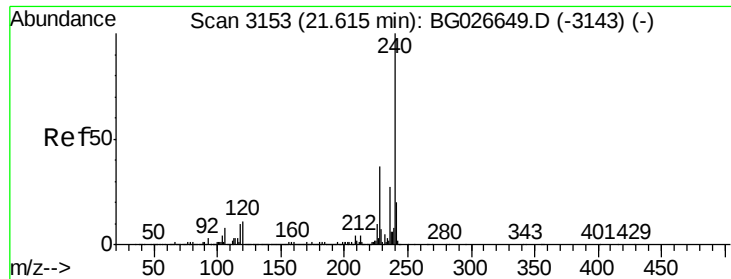
Delta R.T. -0.01 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

Tgt Ion:	202	Resp:	3106749
Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	30.1
203	21.8	1.3	41.3





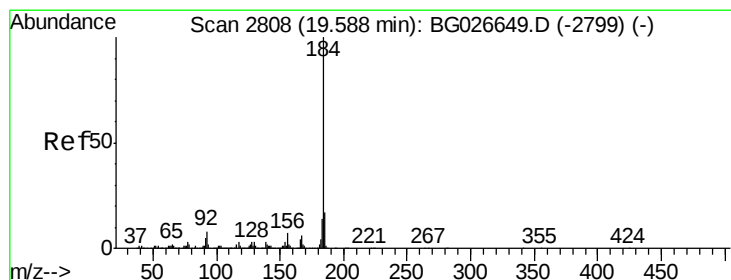
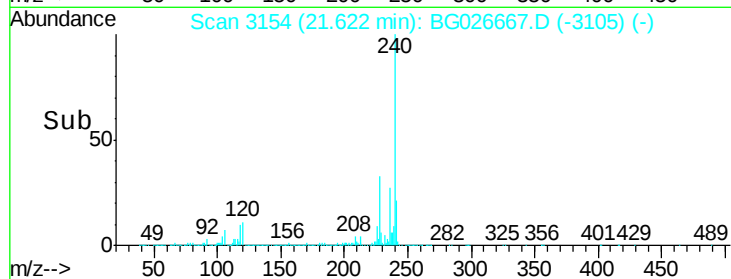
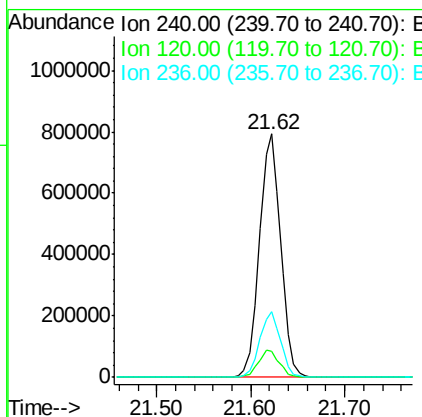
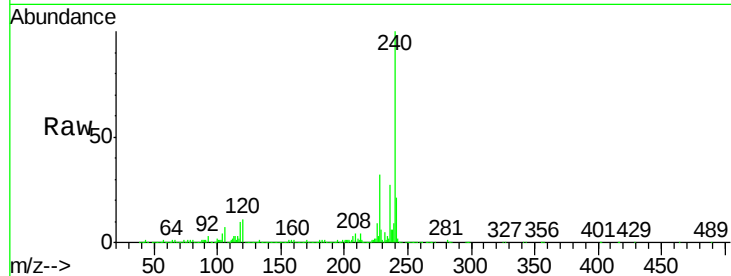
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.62 min Scan# 3154
 Delta R.T. -0.02 min
 Lab File: BG026667.D
 Acq: 19 Apr 2017 22:11

Instrument :
 BNA_G
 ClientSampleId :
 WC-B48-B49-001MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.9	5.7	8.5#
236	26.9	22.2	33.4

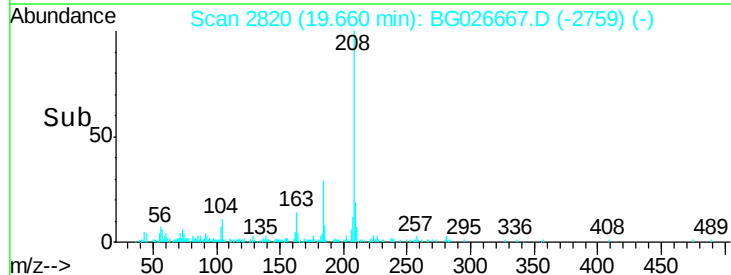
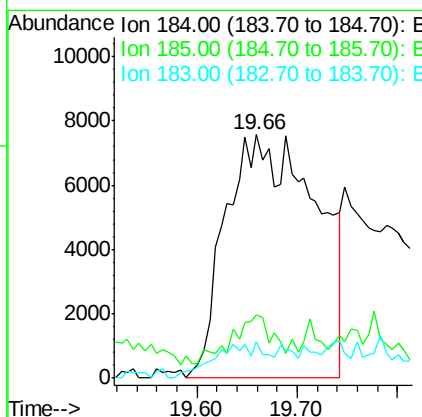
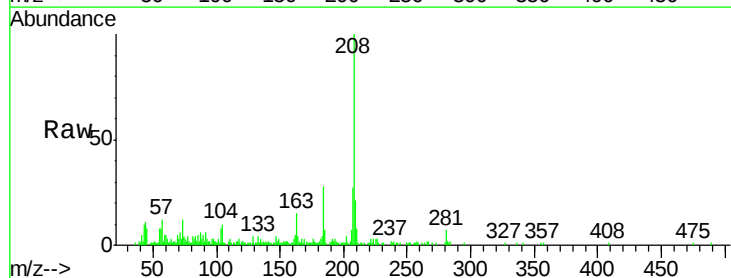
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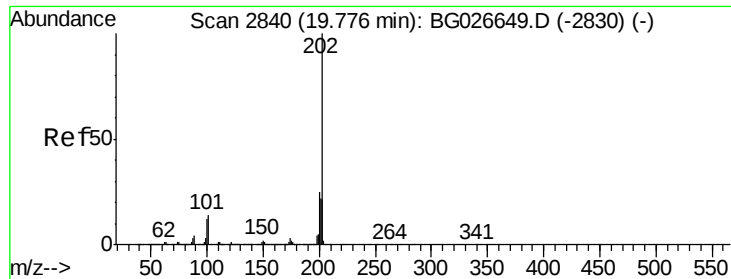
mohammad
 4/20/2017 1:55:05 PM



#76
 Benzidine
 Concen: 5.02 ng m
 RT: 19.66 min Scan# 2820
 Delta R.T. 0.06 min
 Lab File: BG026667.D
 Acq: 19 Apr 2017 22:11

Tgt Ion	Ratio	Lower	Upper
184	100		
185	26.1	13.0	19.6#
183	15.1	11.0	16.6





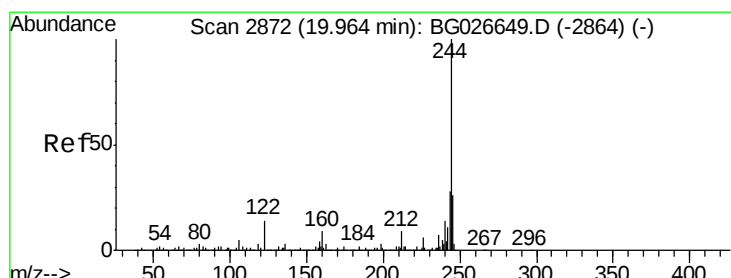
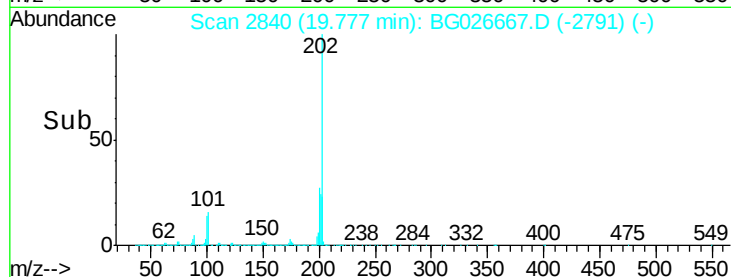
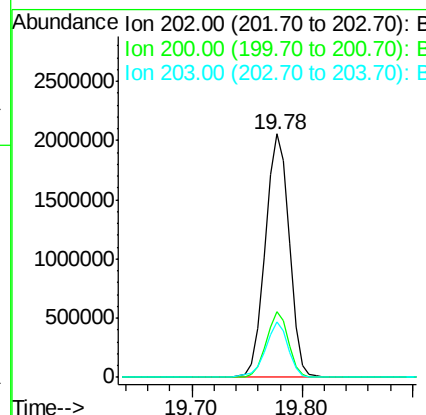
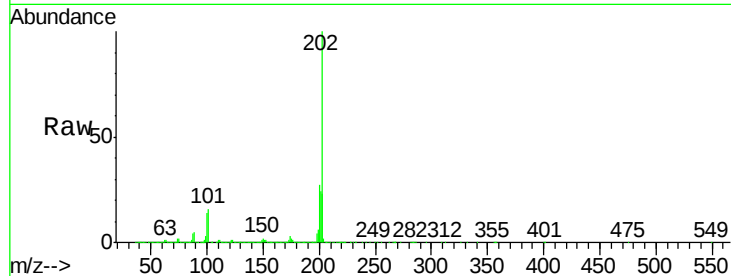
#77
Pvrene
Concen: 47.02 ng
RT: 19.78 min Scan# 2840
Delta R.T. -0.02 min
Lab File: BG026667.D
Acq: 19 Apr 2017 22:11

Instrument :
BNA_G
ClientSampleId :
WC-B48-B49-001MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	26.9	19.6	29.4
203	22.6	15.8	23.8

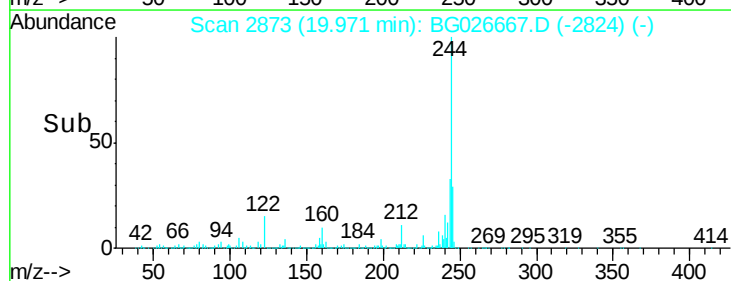
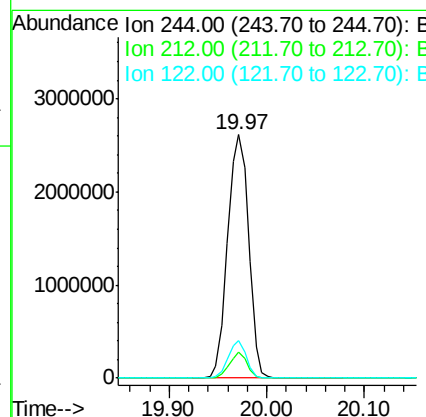
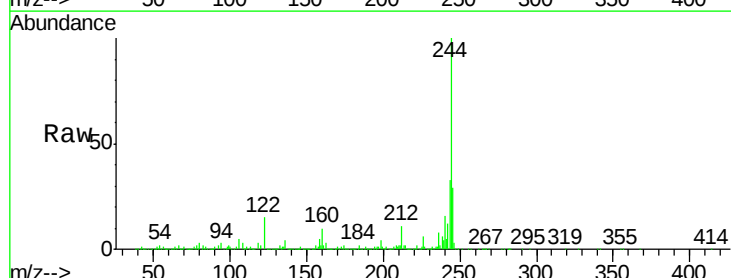
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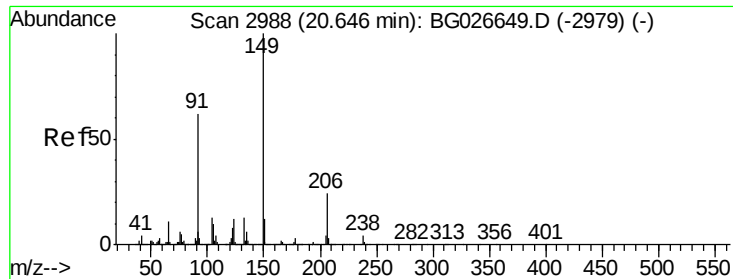
mohammad
4/20/2017 1:55:05 PM



#78
Terphenyl-d14
Concen: 93.27 ng
RT: 19.97 min Scan# 2873
Delta R.T. -0.02 min
Lab File: BG026667.D
Acq: 19 Apr 2017 22:11

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.5	10.0	15.0
122	15.3	8.6	12.8





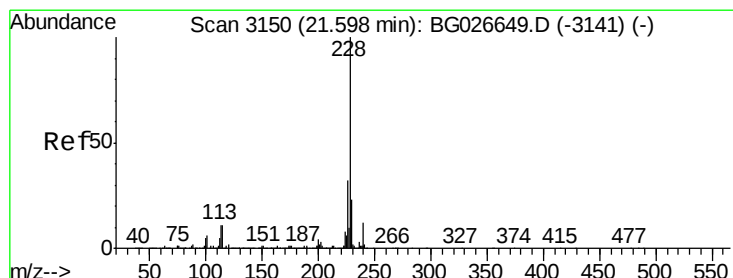
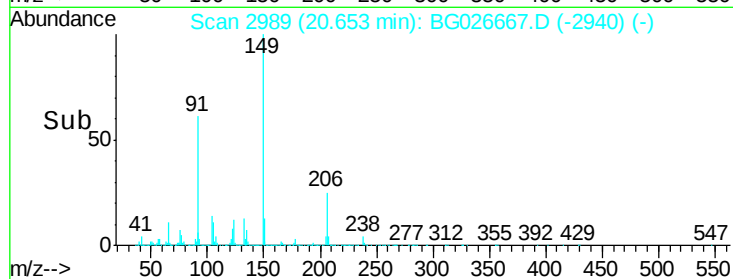
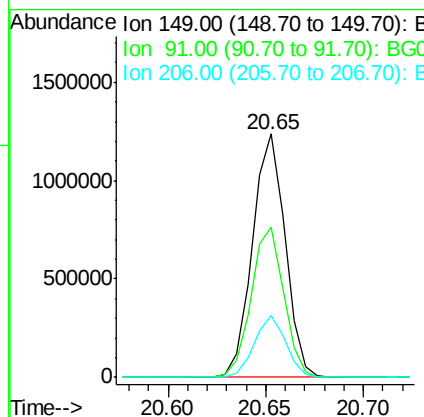
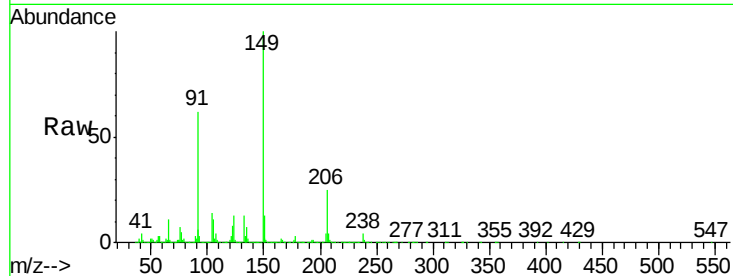
#79
Butylbenzylphthalate
Concen: 50.01 ng
RT: 20.65 min Scan# 2989
Delta R.T. -0.02 min
Lab File: BG026667.D
Acq: 19 Apr 2017 22:11

Instrument :
BNA_G
ClientSampleId :
WC-B48-B49-001MS

Tot Ion:149 Resp: 1432610
Ion Ratio Lower Upper
149 100
91 61.5 63.5 95.3#
206 25.3 21.0 31.6

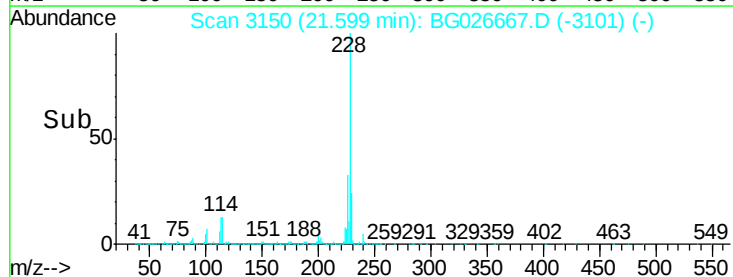
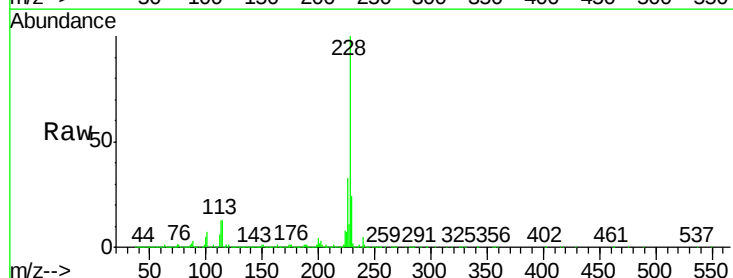
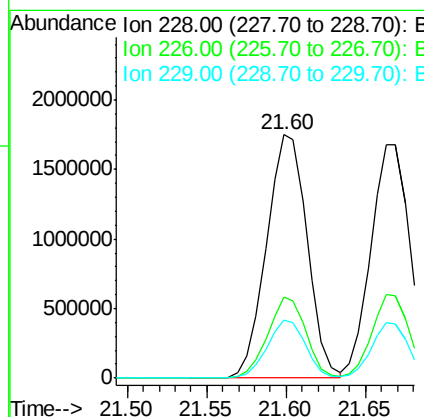
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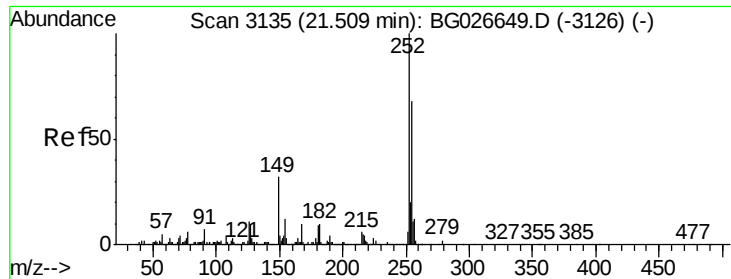
mohammad
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#80
Benzo(a)anthracene
Concen: 46.67 ng
RT: 21.60 min Scan# 3150
Delta R.T. -0.02 min
Lab File: BG026667.D
Acq: 19 Apr 2017 22:11

Tgt Ion:228 Resp: 3117204
Ion Ratio Lower Upper
228 100
226 33.1 24.9 37.3
229 23.9 18.2 27.2





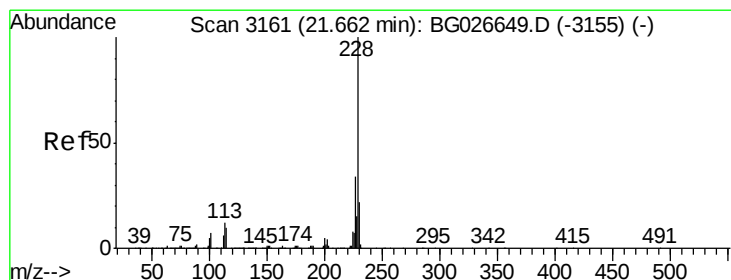
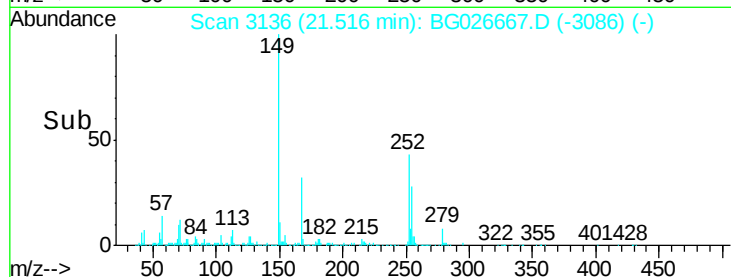
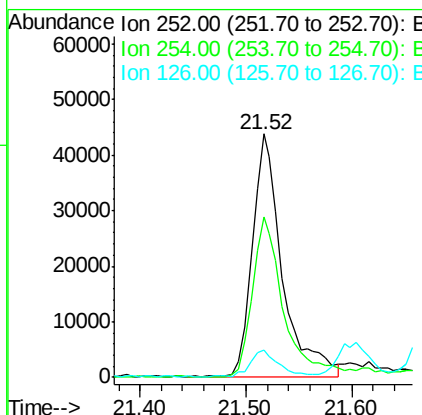
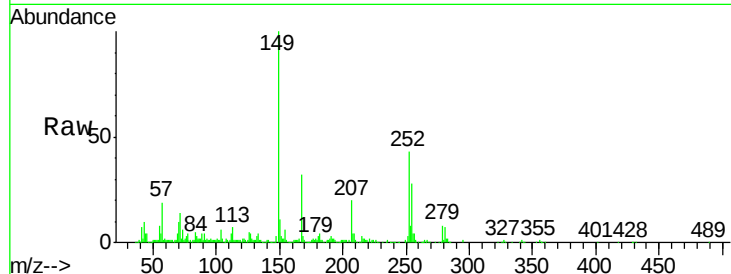
#81
 3,3'-Dichlorobenzidine
 Concen: 3.16 ng
 RT: 21.52 min Scan# 3136
 Delta R.T. -0.01 min
 Lab File: BG026667.D
 Acq: 19 Apr 2017 22:11

Instrument :
 BNA_G
 ClientSampleId :
 WC-B48-B49-001MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.0	53.1	79.7
126	11.5	7.0	10.4

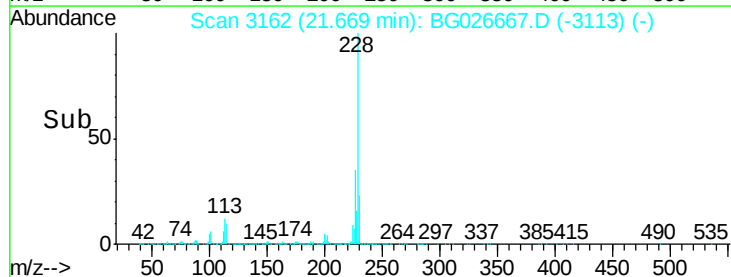
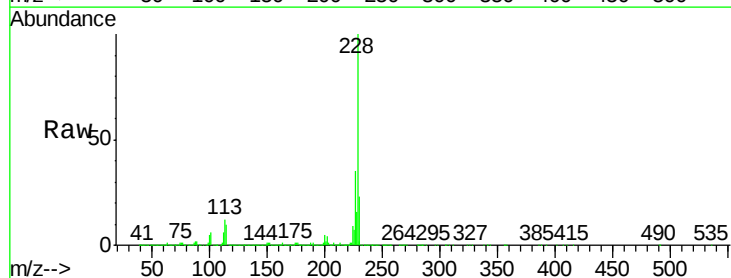
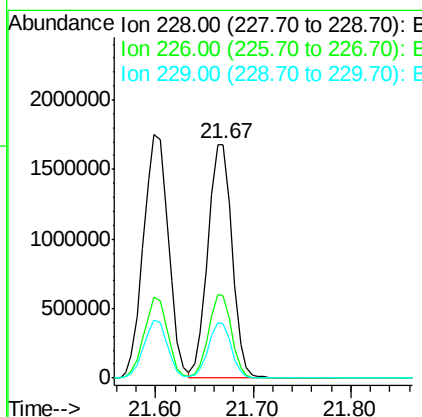
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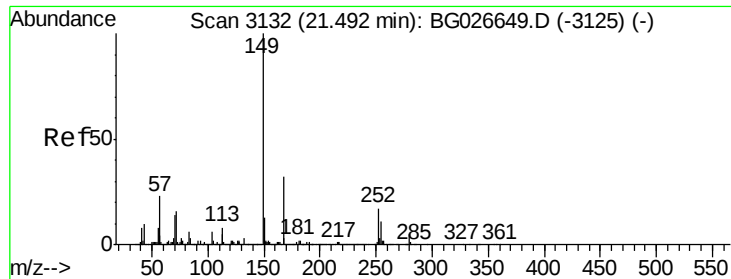
mohammad
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#82
 Chrysene
 Concen: 46.94 ng
 RT: 21.67 min Scan# 3162
 Delta R.T. -0.02 min
 Lab File: BG026667.D
 Acq: 19 Apr 2017 22:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.3	27.0	40.4
229	23.5	17.8	26.6





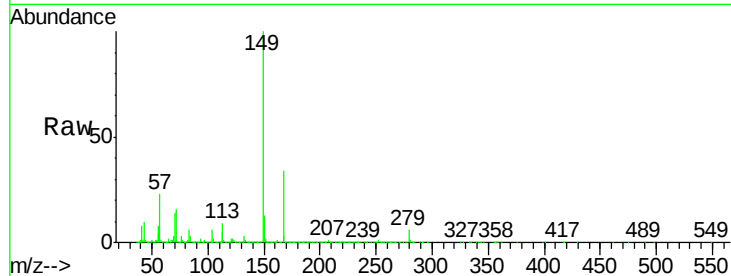
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.19 ng
 RT: 21.50 min Scan# 3133
 Delta R.T. -0.01 min
 Lab File: BG026667.D
 Acq: 19 Apr 2017 22:11

Instrument :
 BNA_G
 ClientSampleId :
 WC-B48-B49-001MS

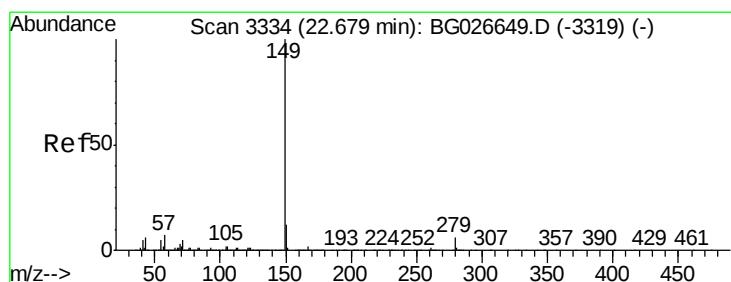
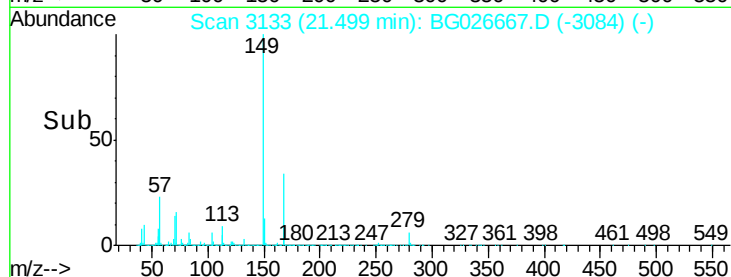
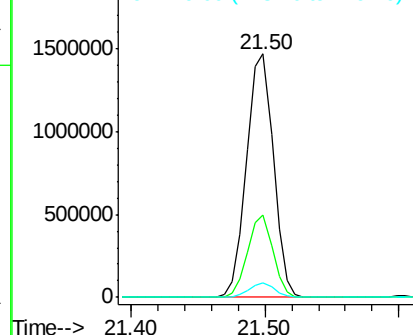
Tot Ion:149 Resp: 2030929
 Ion Ratio Lower Upper
 149 100
 167 33.9 23.7 35.5
 279 6.2 4.6 6.8

Manual Integrations
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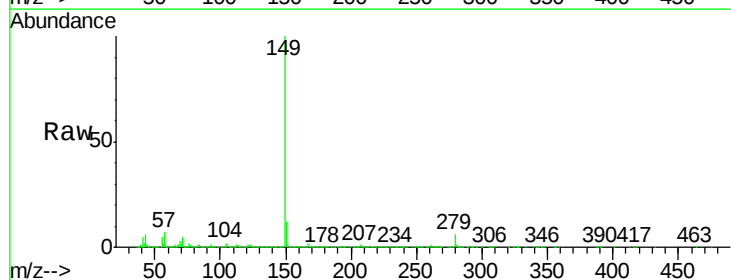


Abundance Ion 149.00 (148.70 to 149.70): E
 2000000 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

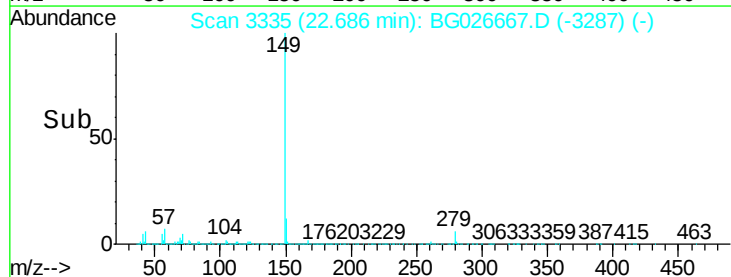
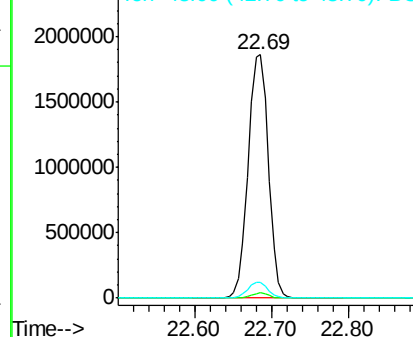


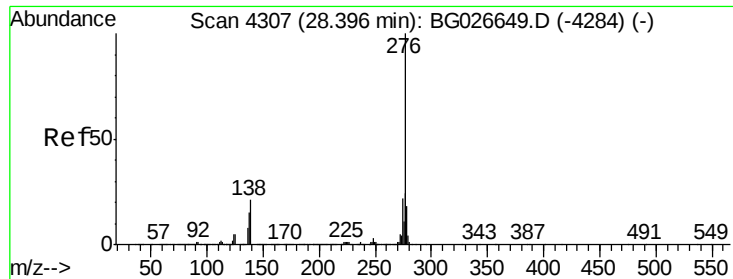
#84
 Di-n-octyl phthalate
 Concen: 49.81 ng
 RT: 22.69 min Scan# 3335
 Delta R.T. -0.02 min
 Lab File: BG026667.D
 Acq: 19 Apr 2017 22:11

Tgt Ion:149 Resp: 3433533
 Ion Ratio Lower Upper
 149 100
 167 1.9 1.4 2.2
 43 6.1 11.8 17.6#



Abundance Ion 149.00 (148.70 to 149.70): E
 2500000 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BGO





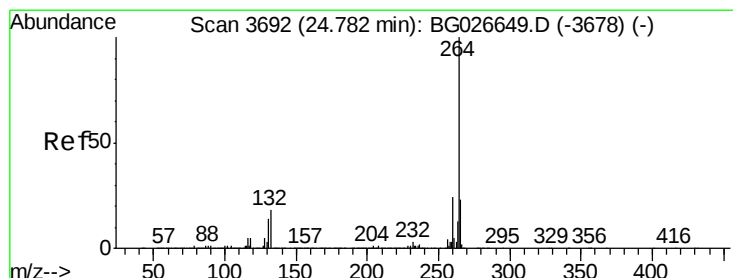
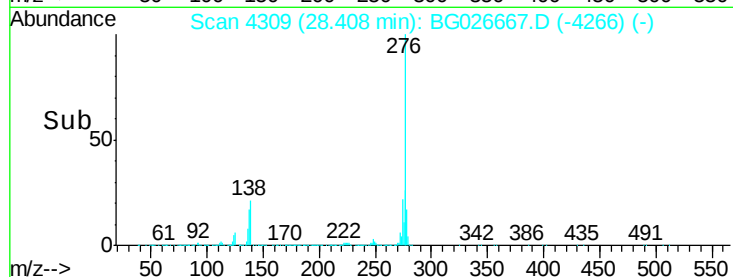
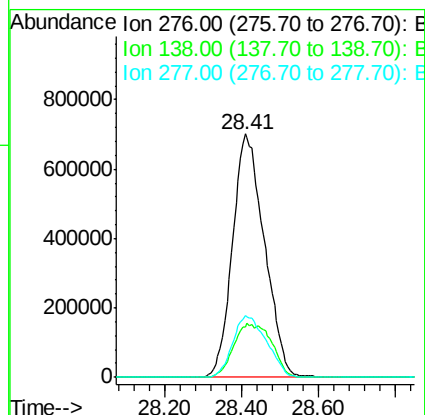
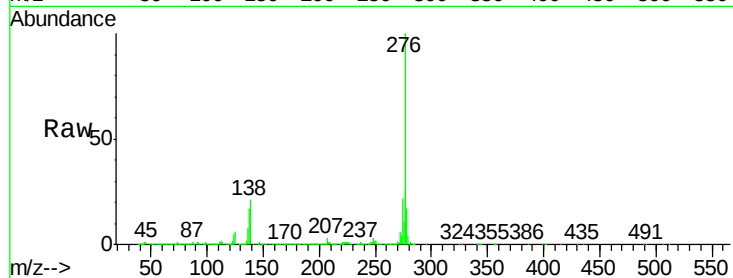
#85
Indeno(1,2,3-cd)pyrene
Concen: 48.01 ng
RT: 28.41 min Scan# 4309
Delta R.T. -0.05 min
Lab File: BG026667.D
Acq: 19 Apr 2017 22:11

Instrument :
BNA_G
ClientSampleId :
WC-B48-B49-001MS

Tot Ion:276 Resp: 4046014
Ion Ratio Lower Upper
276 100
138 26.3 4.7 7.1#
277 26.9 20.6 31.0

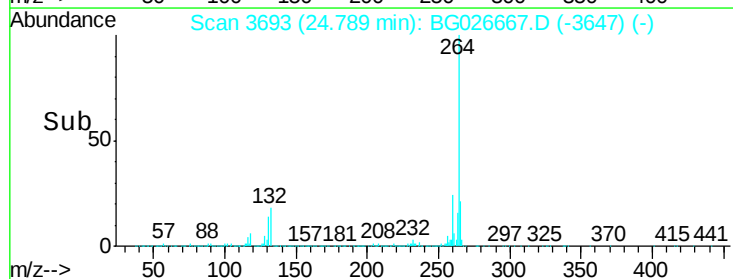
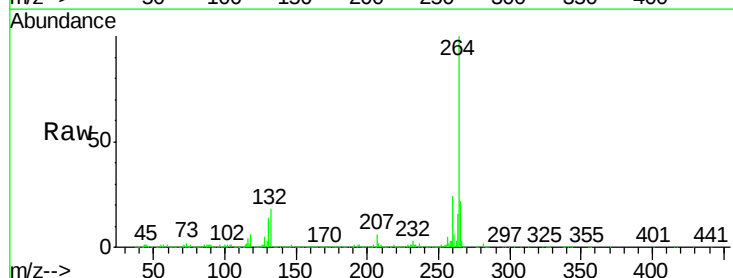
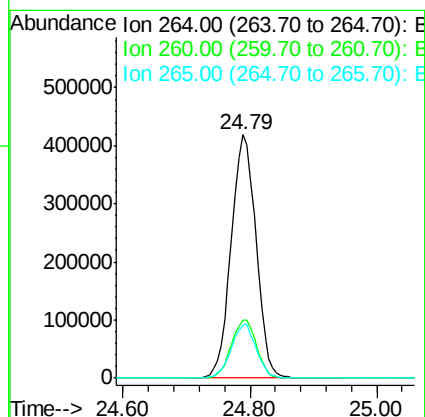
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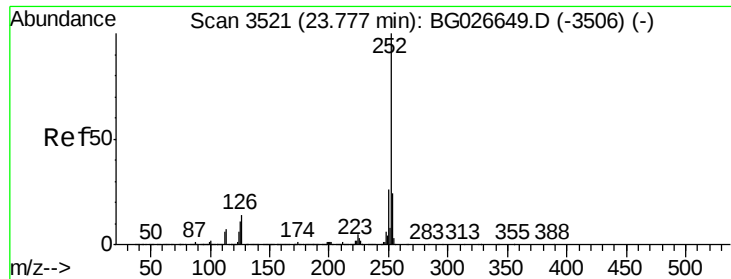
mohammad
4/20/2017 1:55:05 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.79 min Scan# 3693
Delta R.T. -0.03 min
Lab File: BG026667.D
Acq: 19 Apr 2017 22:11

Tgt Ion:264 Resp: 1132706
Ion Ratio Lower Upper
264 100
260 23.6 21.8 32.8
265 21.5 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 52.19 ng

RT: 23.78 min Scan# 3522

Delta R.T. -0.03 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

Instrument :

BNA_G

ClientSampleId :

WC-B48-B49-001MS

Tot Ion:252 Resp: 3384810

Ion Ratio Lower Upper

252 100

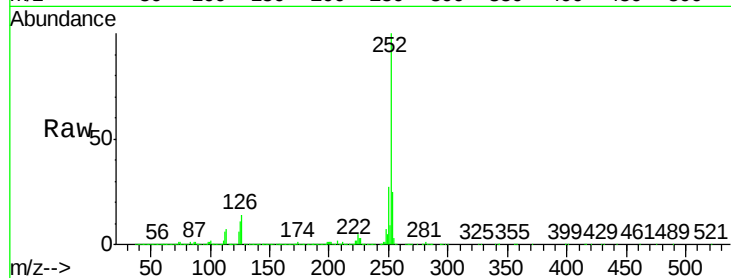
253 25.4 18.7 28.1

125 11.5 5.3 7.9#

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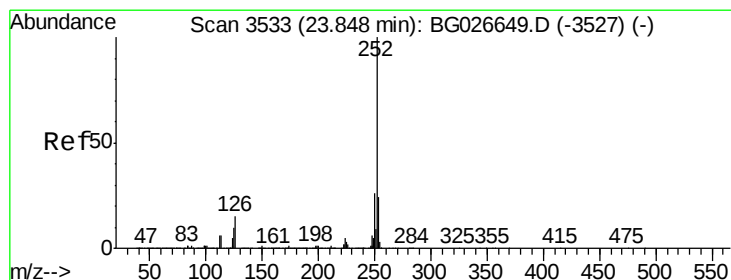
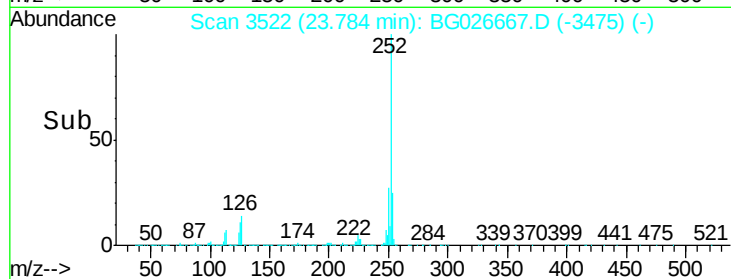
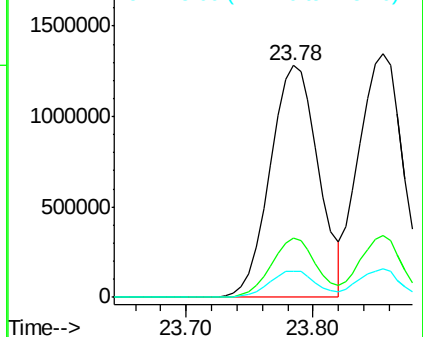
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 51.99 ng

RT: 23.85 min Scan# 3534

Delta R.T. -0.02 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

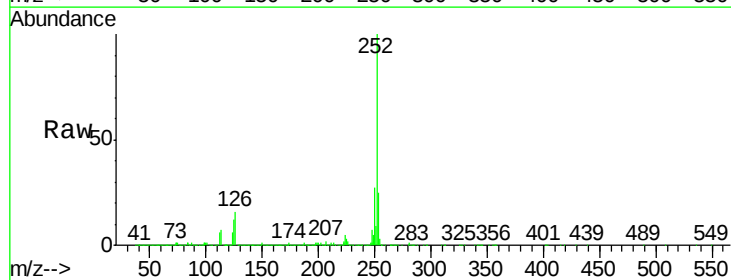
Tgt Ion:252 Resp: 3250097

Ion Ratio Lower Upper

252 100

253 25.4 20.2 30.2

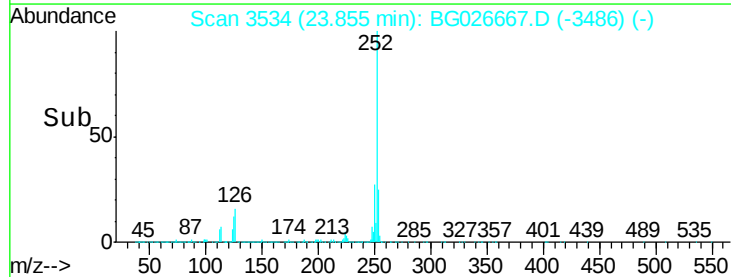
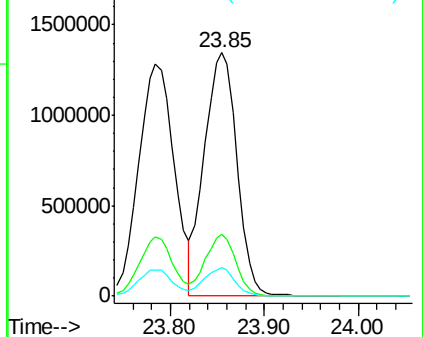
125 11.7 5.1 7.7#

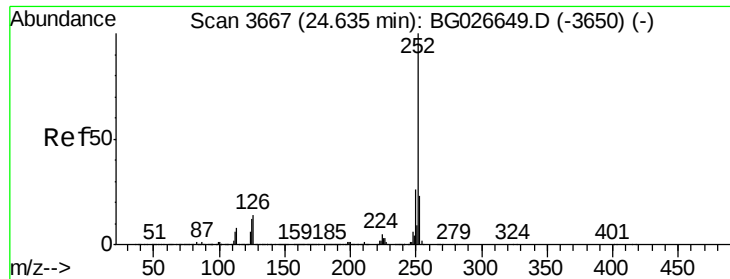


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 50.63 ng

RT: 24.65 min Scan# 3669

Delta R.T. -0.03 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

Instrument :

BNA_G

ClientSampleId :

WC-B48-B49-001MS

Tot Ion:252 Resp: 3169778

Ion Ratio Lower Upper

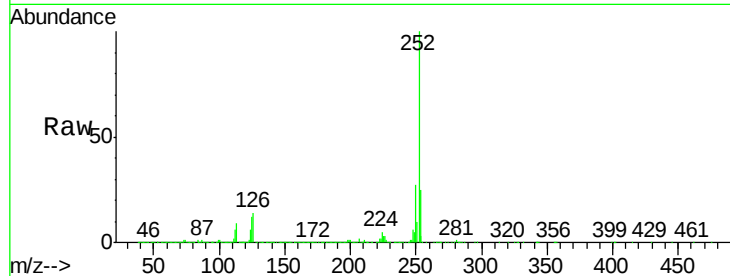
252 100

253 24.7 19.2 28.8

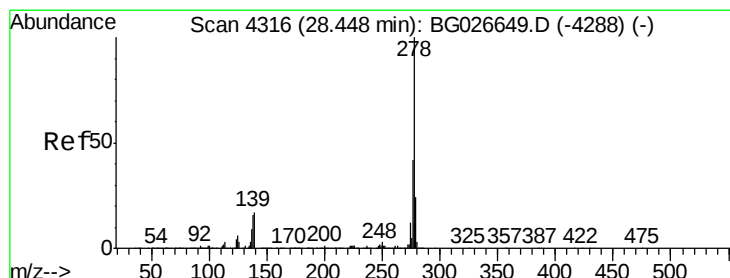
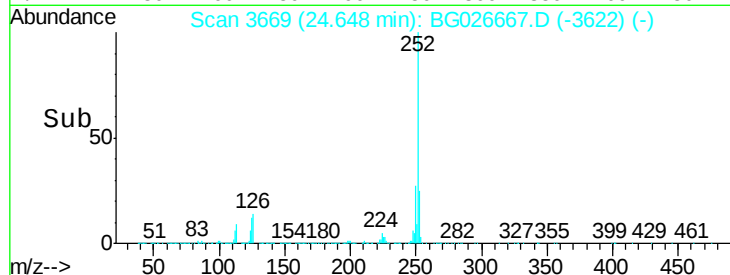
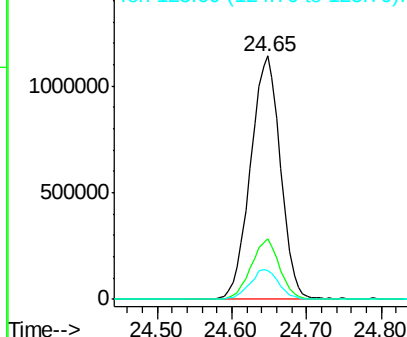
125 12.0 5.4 8.0#

Manual Integrations
APPROVED

mohammad
4/20/2017 1:55:05 PM



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 53.78 ng

RT: 28.47 min Scan# 4320

Delta R.T. -0.04 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

Tgt Ion:278 Resp: 3458501

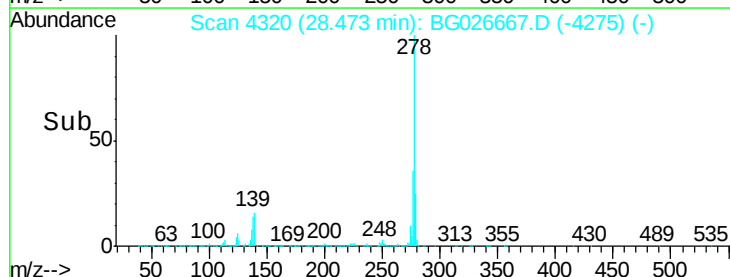
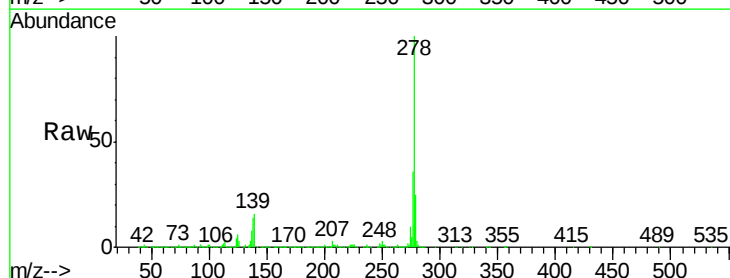
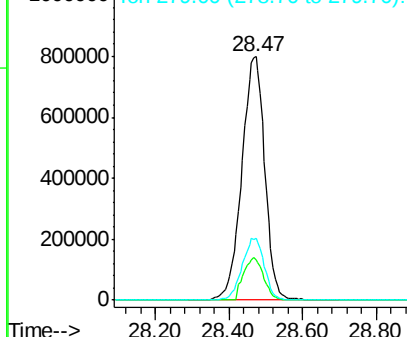
Ion Ratio Lower Upper

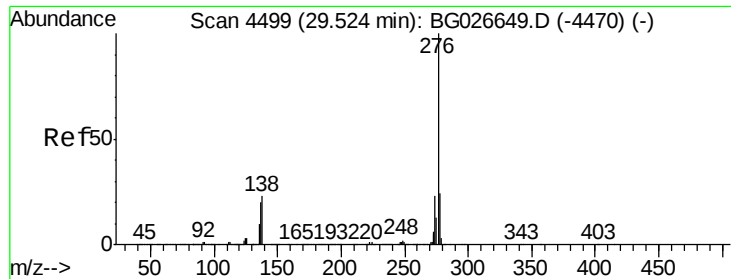
278 100

139 16.2 7.7 11.5#

279 25.3 19.1 28.7

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 51.34 ng
 RT: 29.55 min Scan# 4503
 Delta R.T. -0.04 min
 Lab File: BG026667.D
 Acq: 19 Apr 2017 22:11

Instrument :
 BNA_G
 ClientSampleId :
 WC-B48-B49-001MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.6	27.8
138	22.3	8.1	12.1

Manual Integrations
 APPROVED

mohammad
 4/20/2017 1:55:05 PM

