

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041917\
 Data File : BG026657.D
 Acq On : 19 Apr 2017 15:04
 Operator : SJ/MA
 Sample : PB98333BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB98333BS

Manual Integrations
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mohammad
 4/20/2017 1:54:20 PM

Quant Time: Apr 20 01:29:56 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	164699	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	699848	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	432657	20.00	ng	-0.02
63) Phenanthrene-d10	17.37	188	1116942	20.00	ng	-0.02
75) Chrysene-d12	21.62	240	1242155	20.00	ng	-0.02
86) Perylene-d12	24.78	264	1241735	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	741227	81.81	ng	-0.01
7) Phenol-d6	7.19	99	973485	82.00	ng	-0.02
23) Nitrobenzene-d5	9.18	82	747135	74.49	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	458013	75.97	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	2095739	72.14	ng	-0.02
78) Terphenyl-d14	19.96	244	3227709	76.71	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	101988	21.53	ng	# 68
3) Pyridine	3.88	79	301674	28.44	ng	# 61
4) n-Nitrosodimethylamine	3.79	42	100107	32.45	ng	# 1
6) Aniline	7.35	93	354781	23.93	ng	# 85
8) 2-Chlorophenol	7.59	128	404036	37.37	ng	# 79
9) Benzaldehyde	7.17	77	51684	6.43	ng	# 59
10) Phenol	7.22	94	498668	38.61	ng	# 69
11) bis(2-Chloroethyl)ether	7.44	93	342614	33.32	ng	# 80
12) 1,3-Dichlorobenzene	7.92	146	424276	33.30	ng	# 85
13) 1,4-Dichlorobenzene	8.06	146	434015	33.53	ng	# 92
14) 1,2-Dichlorobenzene	8.38	146	415542	33.98	ng	# 88
15) Benzyl Alcohol	8.26	79	279213	37.61	ng	# 73
16) 2,2'-oxybis(1-Chloropropan	8.56	45	334241	33.60	ng	# 81
17) 2-Methylphenol	8.47	107	339544	37.51	ng	# 79
18) Hexachloroethane	9.11	117	134247	32.87	ng	# 94
19) n-Nitroso-di-n-propylamine	8.82	70	245854	33.41	ng	# 71
20) 3+4-Methylphenols	8.80	107	472353	37.98	ng	# 84
22) Acetophenone	8.84	105	550558	34.42	ng	# 74
24) Nitrobenzene	9.23	77	369140	34.76	ng	# 69
25) Isophorone	9.75	82	709151	34.49	ng	# 87
26) 2-Nitrophenol	9.94	139	229317	35.64	ng	# 63
27) 2,4-Dimethylphenol	10.00	122	384275	37.00	ng	# 85
28) bis(2-Chloroethoxy)methane	10.22	93	474893	35.34	ng	# 97
29) 2,4-Dichlorophenol	10.48	162	420223	38.69	ng	# 93
30) 1,2,4-Trichlorobenzene	10.69	180	419104	34.62	ng	# 99
31) Naphthalene	10.88	128	1205762	35.10	ng	# 99
32) Benzoic acid	10.12	122	228223	34.46	ng	# 67
33) 4-Chloroaniline	10.99	127	109291	7.42	ng	# 80
34) Hexachlorobutadiene	11.16	225	235053	33.95	ng	# 97
35) Caprolactam	11.74	113	152898m	36.25	ng	#
36) 4-Chloro-3-methylphenol	12.10	107	411854	37.65	ng	# 74
37) 2-Methylnaphthalene	12.47	142	938609	35.51	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	445928	33.46	ng	# 98
40) Hexachlorocyclopentadiene	12.83	237	514630	76.42	ng	# 95

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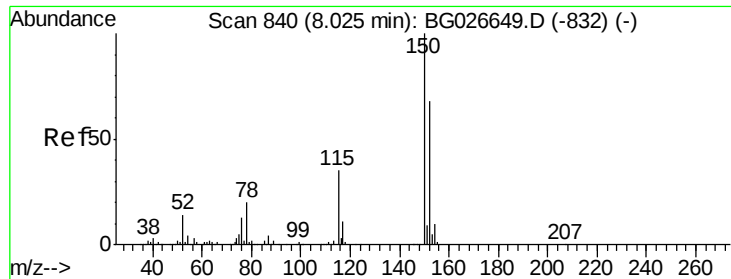
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.08	196	343869	36.24	nq	97
43) 2,4,5-Trichlorophenol	13.15	196	373728	37.24	nq	# 91
45) 1,1'-Biphenyl	13.47	154	1222681	34.78	nq	96
46) 2-Chloronaphthalene	13.52	162	925546	34.74	nq	96
47) 2-Nitroaniline	13.72	65	251443	36.95	nq	# 48
48) Acenaphthylene	14.36	152	1548607	36.15	nq	98
49) Dimethylphthalate	14.09	163	1242166	36.27	nq	99
50) 2,6-Dinitrotoluene	14.21	165	295860	36.94	nq	# 58
51) Acenaphthene	14.70	154	971475	35.63	nq	99
52) 3-Nitroaniline	14.54	138	172819	19.78	nq	# 63
53) 2,4-Dinitrophenol	14.75	184	333209	71.15	nq	# 74
54) Dibenzofuran	15.03	168	1513119	35.60	nq	90
55) 4-Nitrophenol	14.85	139	551670	74.81	nq	# 39
56) 2,4-Dinitrotoluene	14.99	165	439916	38.68	nq	# 65
57) Fluorene	15.68	166	1262868	36.09	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.26	232	369236	36.18	nq	# 95
59) Diethylphthalate	15.44	149	1276117	36.65	nq	98
60) 4-Chlorophenyl-phenylether	15.66	204	628772	36.00	nq	89
61) 4-Nitroaniline	15.70	138	343818	36.91	nq	# 51
62) Azobenzene	15.96	77	990364	36.86	nq	77
64) 4,6-Dinitro-2-methylphenol	15.76	198	283184	37.54	nq	85
65) n-Nitrosodiphenylamine	15.88	169	1151100	35.73	nq	99
66) 4-Bromophenyl-phenylether	16.56	248	433474	35.52	nq	94
67) Hexachlorobenzene	16.69	284	472581	35.22	nq	# 87
68) Atrazine	16.82	200	386169	30.65	nq	96
69) Pentachlorophenol	17.03	266	585007	72.17	nq	97
70) Phenanthrene	17.41	178	2060761	35.83	nq	98
71) Anthracene	17.50	178	2136517	35.95	nq	99
72) Carbazole	17.77	167	2060867	36.22	nq	96
73) Di-n-butylphthalate	18.32	149	2298197	36.01	nq	# 94
74) Fluoranthene	19.41	202	2468734	37.03	nq	97
76) Benzidine	19.59	184	424452	15.34	nq	97
77) Pyrene	19.77	202	2498255	37.36	nq	98
79) Butylbenzylphthalate	20.65	149	1040088	36.15	nq	# 83
80) Benzo(a)anthracene	21.59	228	2411672	35.95	nq	99
81) 3,3'-Dichlorobenzidine	21.51	252	703691	25.29	nq	99
82) Chrysene	21.66	228	2227854	36.09	nq	100
83) Bis(2-ethylhexyl)phthalate	21.49	149	1484413	35.80	nq	97
84) Di-n-octyl phthalate	22.68	149	2511060	36.27	nq	# 81
85) Indeno(1,2,3-cd)pyrene	28.38	276	3040660	35.92	nq	# 88
87) Benzo(b)fluoranthene	23.78	252	2500465	35.17	nq	# 96
88) Benzo(k)fluoranthene	23.84	252	2555271	37.29	nq	# 95
89) Benzo(a)pyrene	24.64	252	2476747	36.08	nq	# 95
90) Dibenzo(a,h)anthracene	28.45	278	2584800	36.66	nq	# 93
91) Benzo(g,h,i)perylene	29.52	276	2479854	35.17	nq	# 89

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.03 min Scan# 840

Delta R.T. -0.02 min

Lab File: BG026657.D

Acq: 19 Apr 2017 15:04

Instrument :

BNA_G

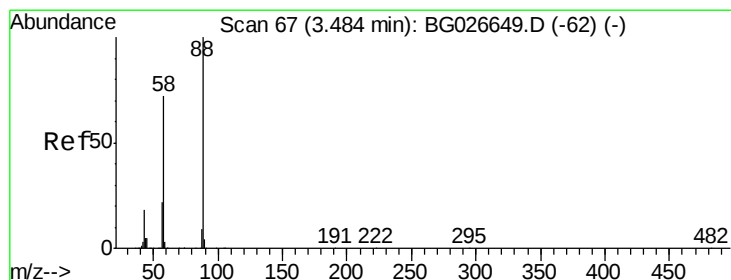
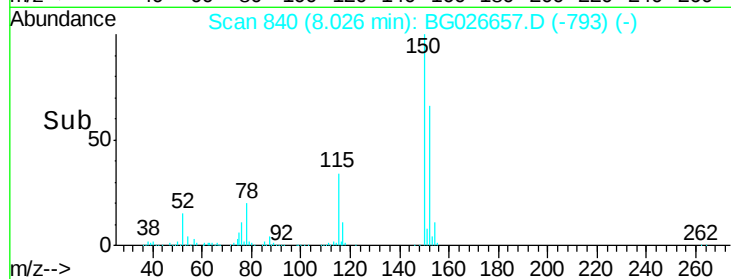
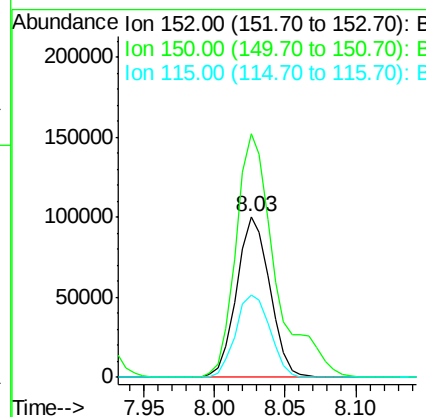
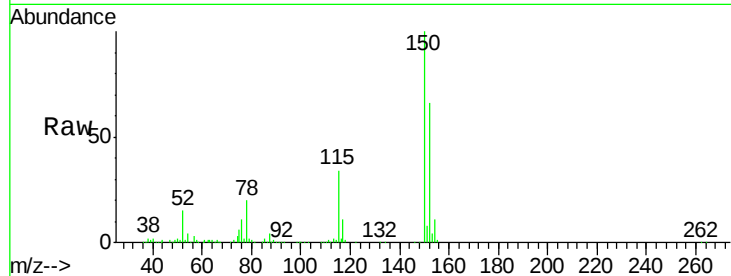
ClientSampleId :

PB98333BS

Tot Ion:	152	Resp:	164699
Ion Ratio	Lower	Upper	
152	100		
150	151.3	114.0	171.0
115	51.5	48.1	72.1

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#2

1,4-Dioxane

Concen: 21.53 ng

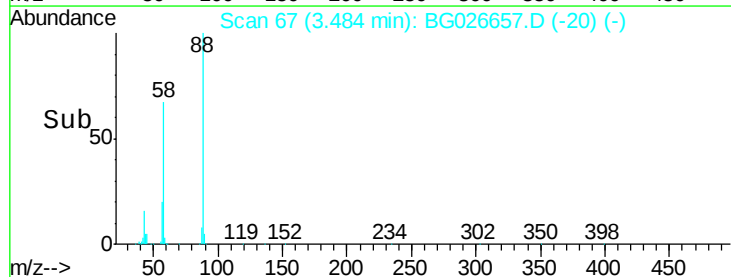
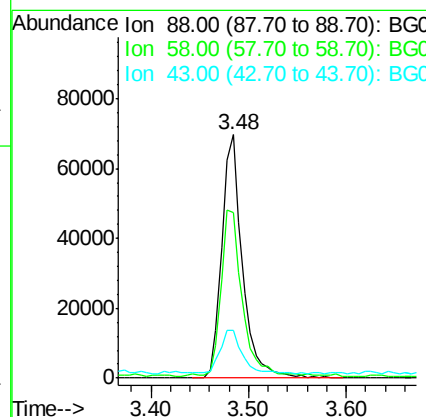
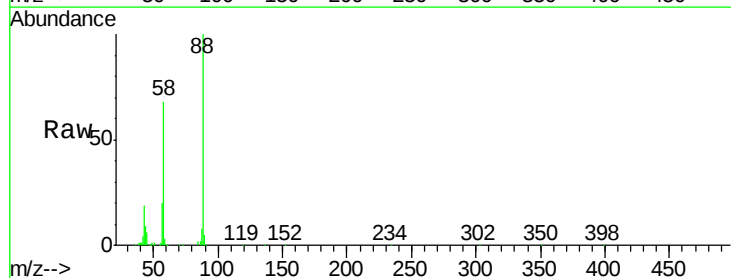
RT: 3.48 min Scan# 67

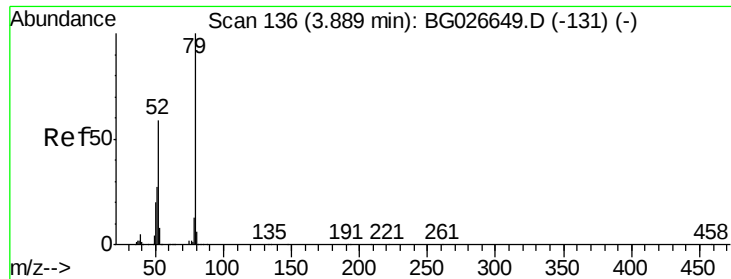
Delta R.T. -0.02 min

Lab File: BG026657.D

Acq: 19 Apr 2017 15:04

Tgt Ion:	88	Resp:	101988
Ion Ratio	Lower	Upper	
88	100		
58	70.1	79.4	119.2#
43	18.5	33.8	50.6#





#3

Pvridine

Concen: 28.44 ng

RT: 3.88 min Scan# 135

Delta R.T. -0.02 min

Lab File: BG026657.D

Acq: 19 Apr 2017 15:04

Instrument :

BNA_G

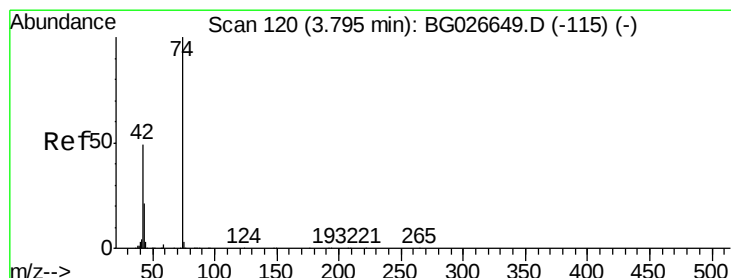
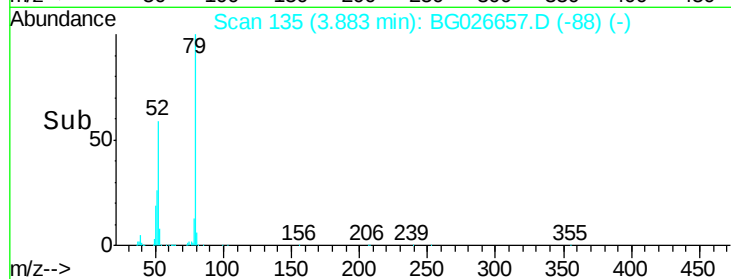
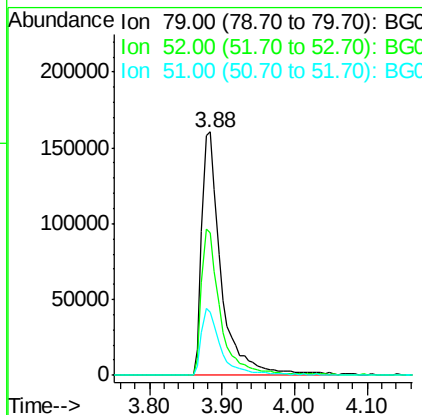
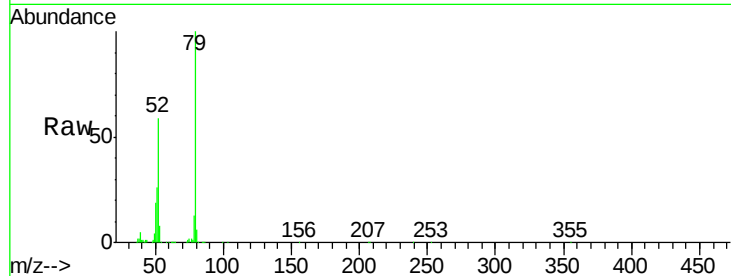
ClientSampleId :

PB98333BS

Tot Ion:	79	Resp:	301674
Ion	Ratio	Lower	Upper
79	100		
52	58.6	77.8	116.6#
51	25.9	43.2	64.8#

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#4

n-Nitrosodimethylamine

Concen: 32.45 ng

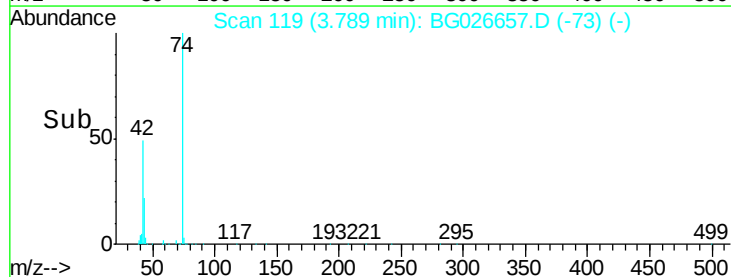
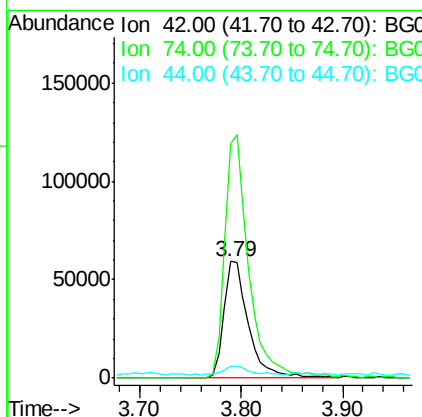
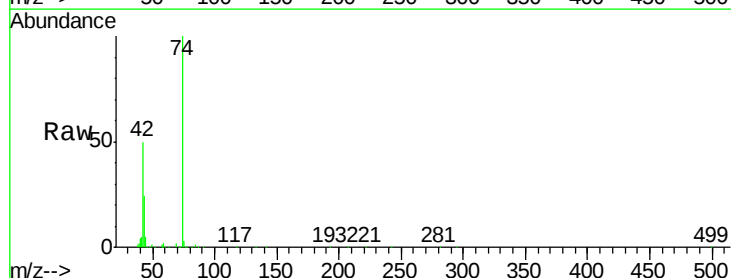
RT: 3.79 min Scan# 119

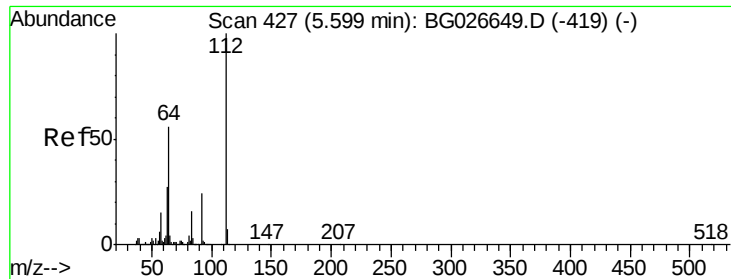
Delta R.T. -0.03 min

Lab File: BG026657.D

Acq: 19 Apr 2017 15:04

Tgt Ion:	42	Resp:	100107
Ion	Ratio	Lower	Upper
42	100		
74	201.9	76.7	115.1#
44	10.2	6.1	9.1#





#5

2-Fluorophenol

Concen: 81.81 ng

RT: 5.60 min Scan# 427

Delta R.T. -0.01 min

Lab File: BG026657.D

Acq: 19 Apr 2017 15:04

Instrument :

BNA_G

ClientSampleId :

PB98333BS

Tot Ion: 112 Resp: 741227

Ion Ratio Lower Upper

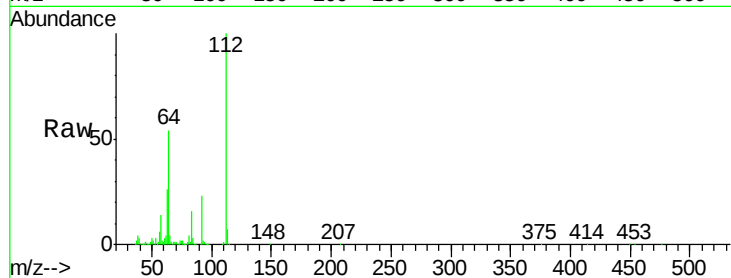
112 100

64 53.5 61.8 92.6#

63 25.6 37.2 55.8#

Manual Integrations
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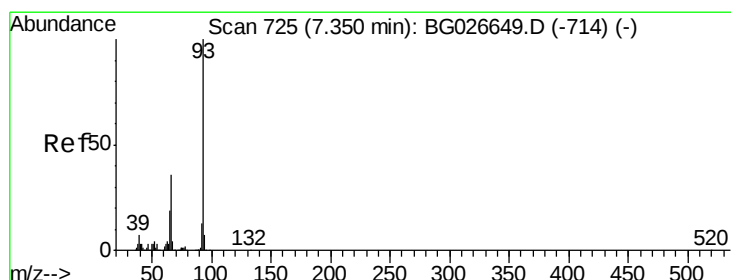
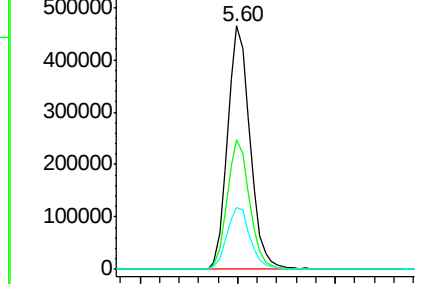
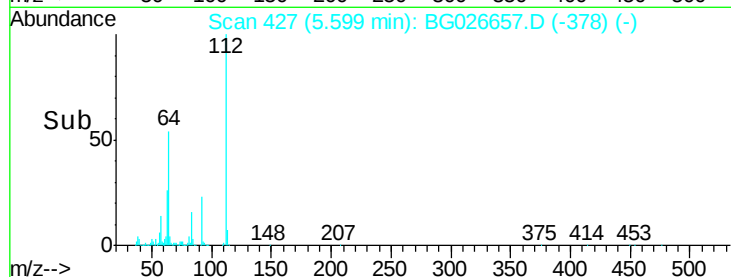
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Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 23.93 ng

RT: 7.35 min Scan# 725

Delta R.T. -0.02 min

Lab File: BG026657.D

Acq: 19 Apr 2017 15:04

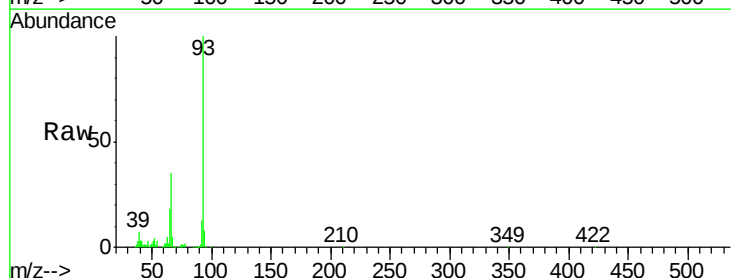
Tgt Ion: 93 Resp: 354781

Ion Ratio Lower Upper

93 100

66 35.2 35.4 53.2#

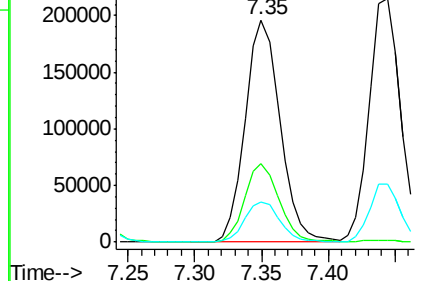
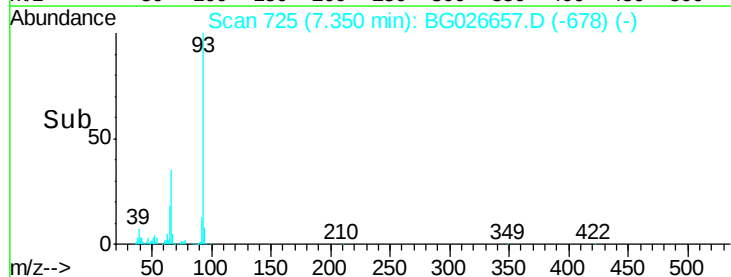
65 18.3 21.2 31.8#

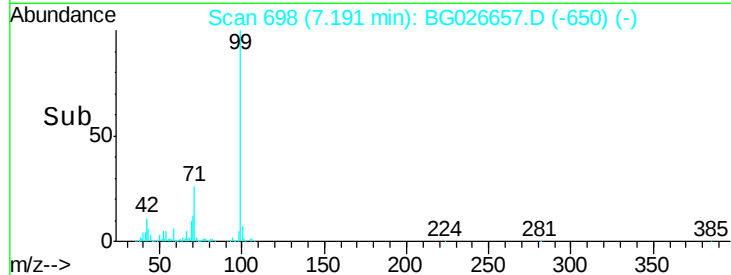
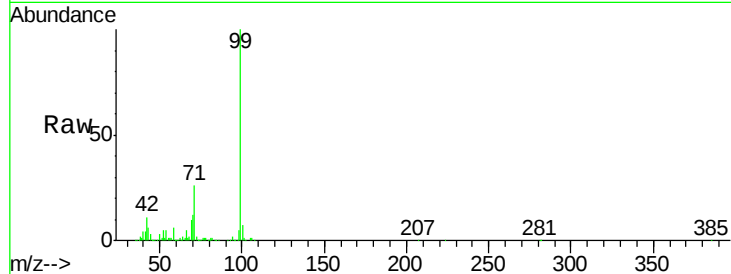
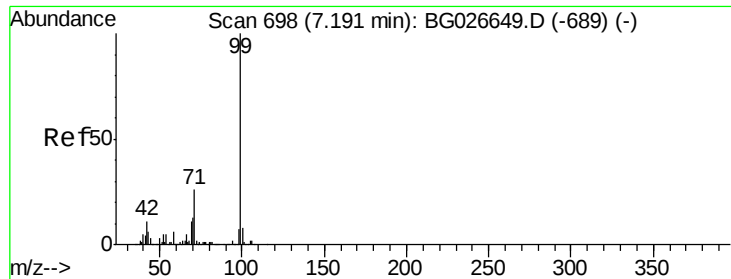


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 82.00 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.02 min

Lab File: BG026657.D

Acq: 19 Apr 2017 15:04

Tot Ion	99	Resp	973485
Ion	Ratio	Lower	Upper
99	100		
42	10.5	20.5	30.7#
71	26.1	37.6	56.4#

Instrument :

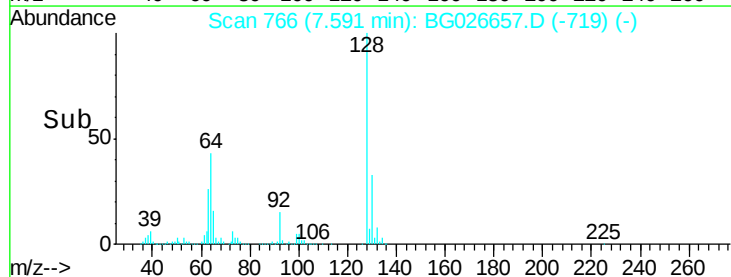
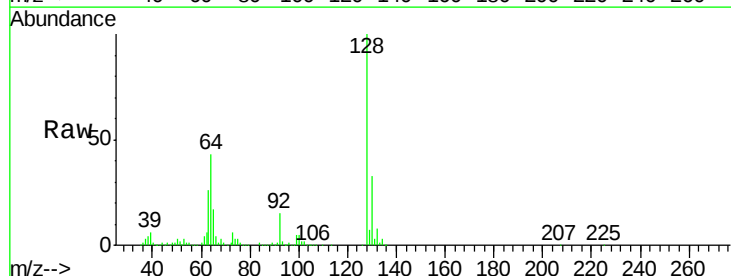
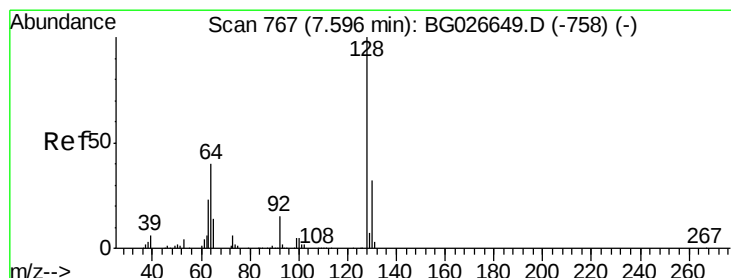
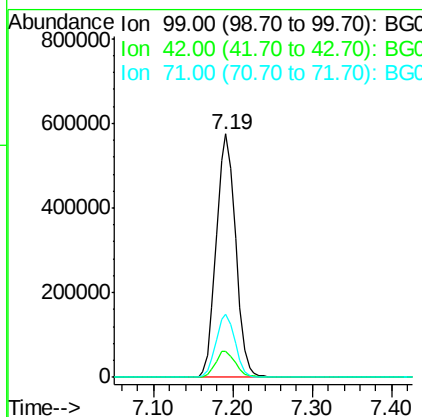
BNA_G

ClientSampleId :

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#8

2-Chlorophenol

Concen: 37.37 ng

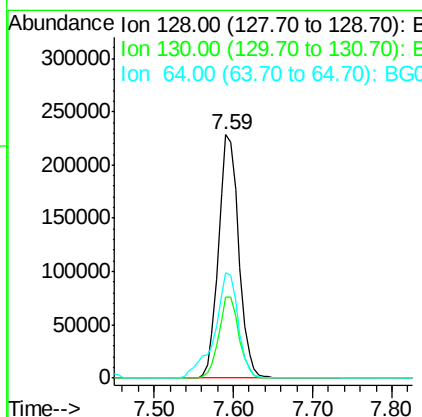
RT: 7.59 min Scan# 766

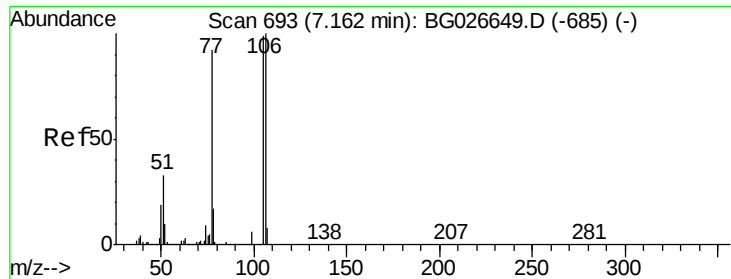
Delta R.T. -0.02 min

Lab File: BG026657.D

Acq: 19 Apr 2017 15:04

Tgt Ion	128	Resp	404036
Ion	Ratio	Lower	Upper
128	100		
130	33.3	11.4	51.4
64	43.1	46.6	86.6#





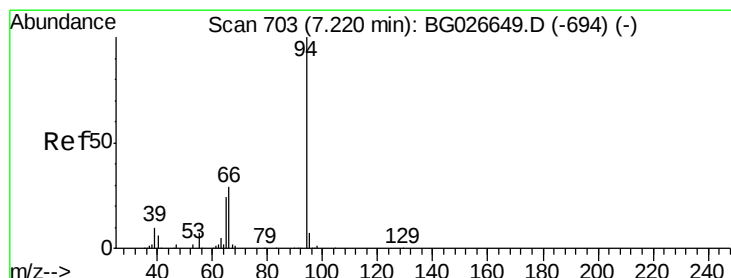
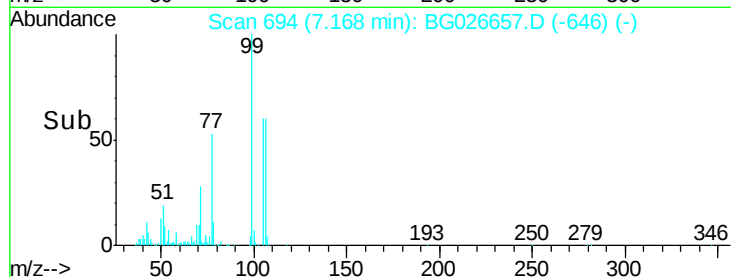
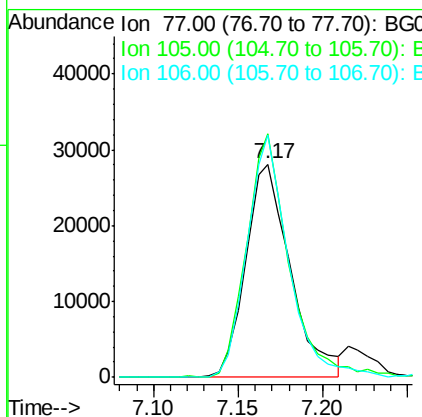
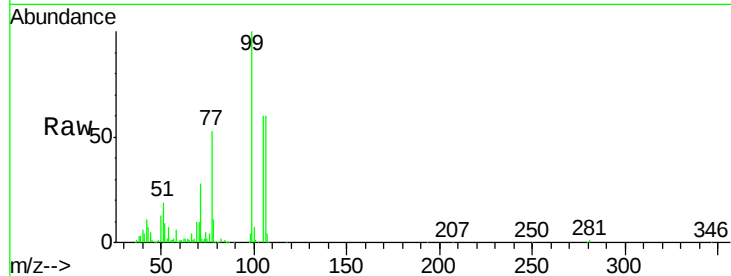
#9
Benzaldehyde
Concen: 6.43 ng
RT: 7.17 min Scan# 694
Delta R.T. -0.02 min
Lab File: BG026657.D
Acq: 19 Apr 2017 15:04

Instrument :
BNA_G
ClientSampleId :
PB98333BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	114.3	60.9	100.9#		
106	113.8	55.1	95.1#		

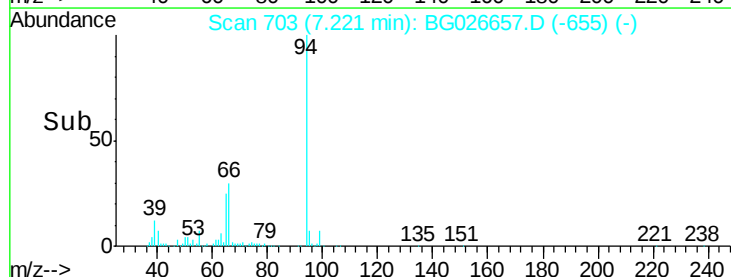
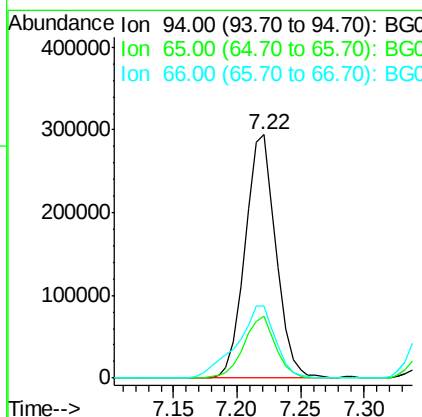
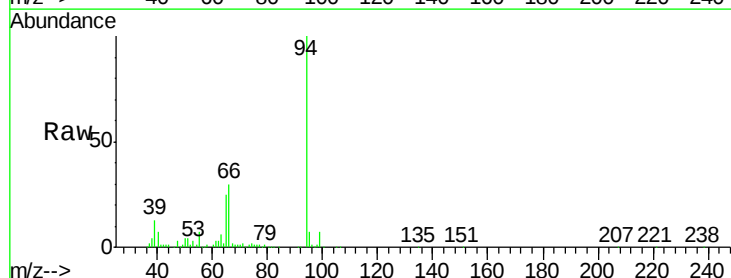
Manual Integrations
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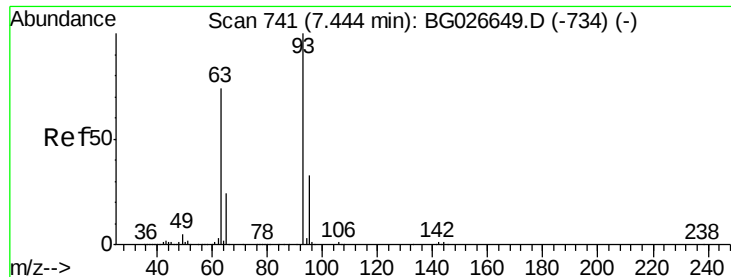
mohammad
4/20/2017 1:54:20 PM



#10
Phenol
Concen: 38.61 ng
RT: 7.22 min Scan# 703
Delta R.T. -0.02 min
Lab File: BG026657.D
Acq: 19 Apr 2017 15:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	25.3	20.6	60.6		
66	29.6	35.5	75.5#		





#11

bis(2-Chloroethyl)ether

Concen: 33.32 ng

RT: 7.44 min Scan# 741

Delta R.T. -0.02 min

Lab File: BG026657.D

Acq: 19 Apr 2017 15:04

Instrument :

BNA_G

ClientSampleId :

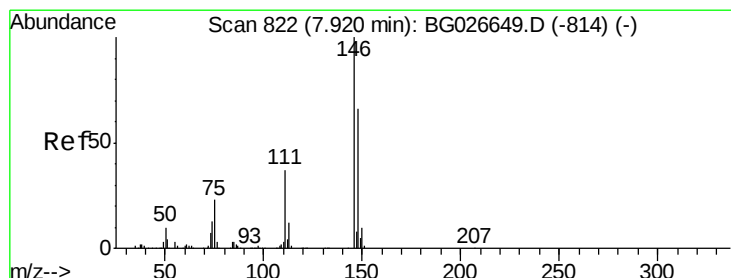
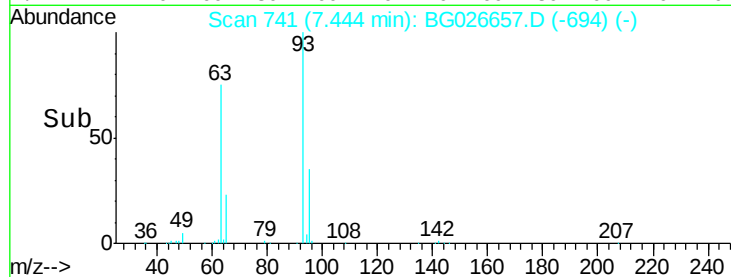
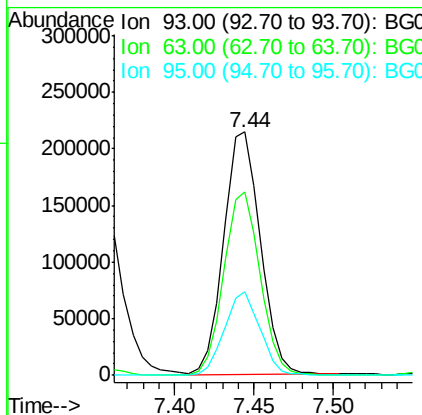
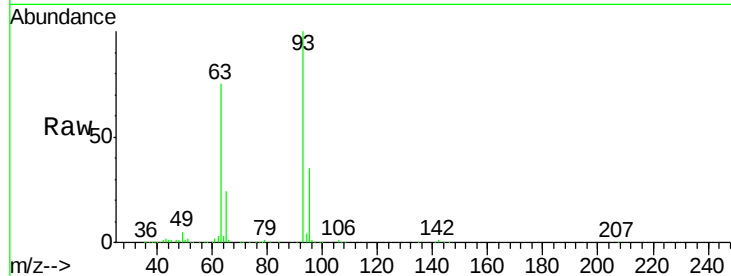
PB98333BS

Tot Ion: 93 Resp: 342614

Ion	Ratio	Lower	Upper
93	100		
63	75.1	78.5	118.5#
95	34.6	9.8	49.8

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#12

1,3-Dichlorobenzene

Concen: 33.30 ng

RT: 7.92 min Scan# 822

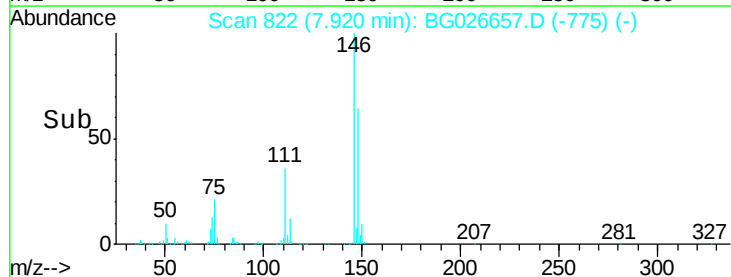
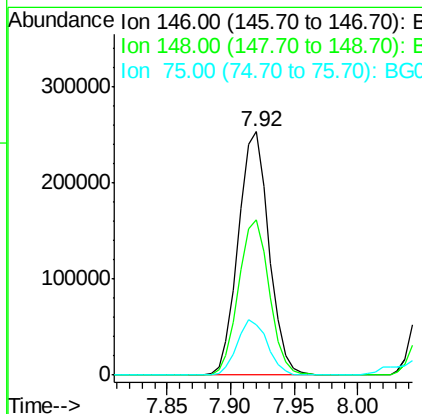
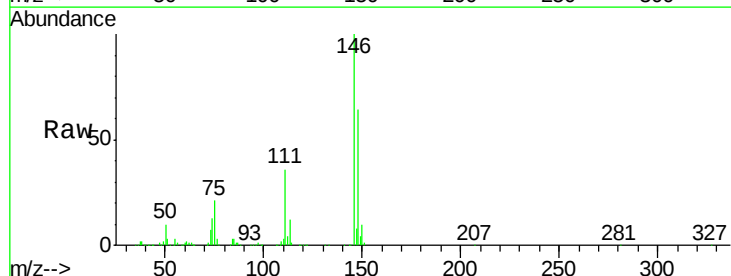
Delta R.T. -0.02 min

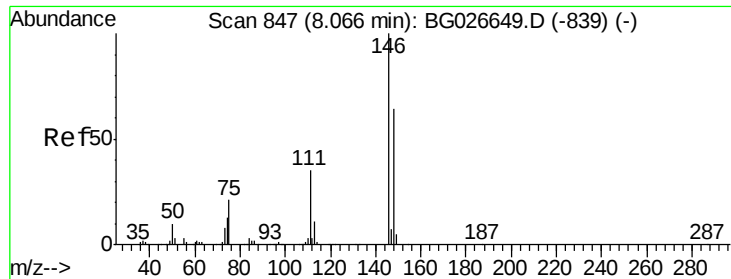
Lab File: BG026657.D

Acq: 19 Apr 2017 15:04

Tgt Ion: 146 Resp: 424276

Ion	Ratio	Lower	Upper
146	100		
148	63.7	49.2	73.8
75	20.7	33.4	50.2#





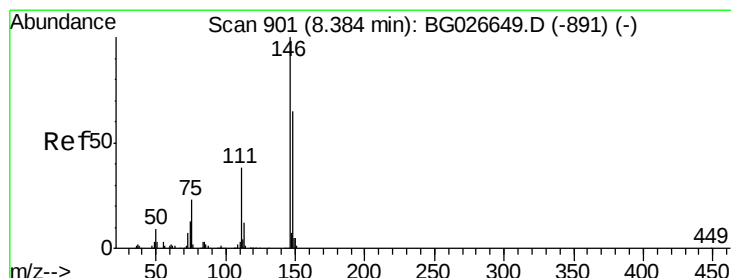
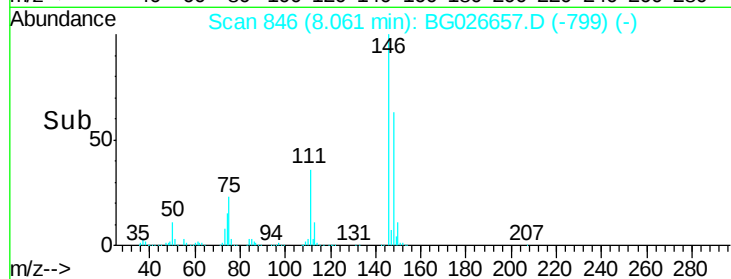
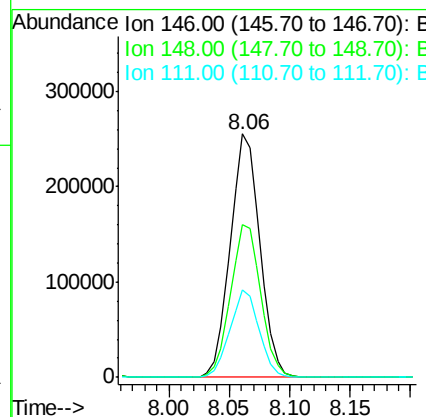
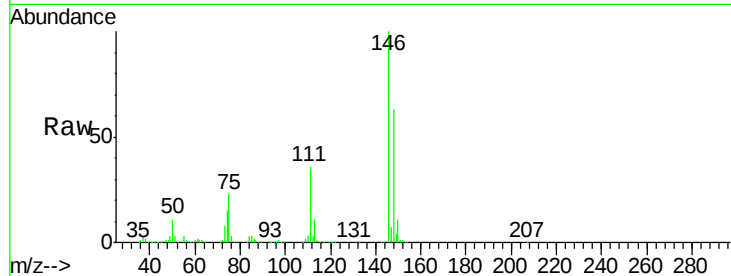
#13
 1,4-Dichlorobenzene
 Concen: 33.53 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.02 min
 Lab File: BG026657.D
 Acq: 19 Apr 2017 15:04

Instrument :
 BNA_G
 ClientSampleId :
 PB98333BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100				
148	62.8	52.2	78.2		
111	36.2	37.0	55.6		

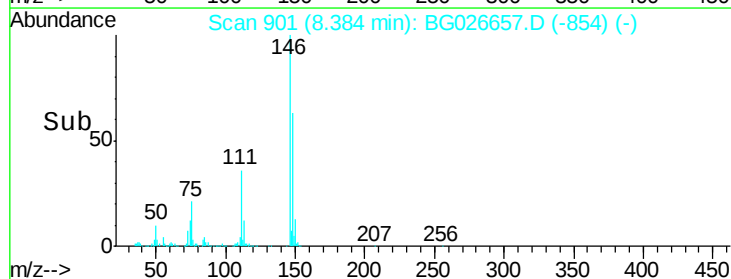
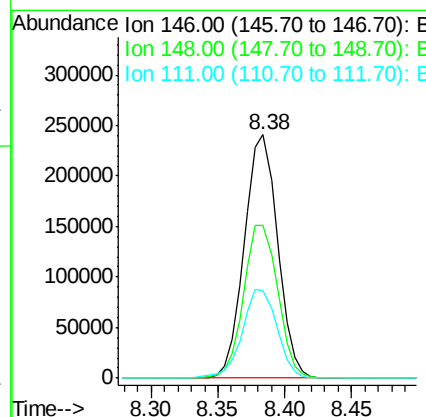
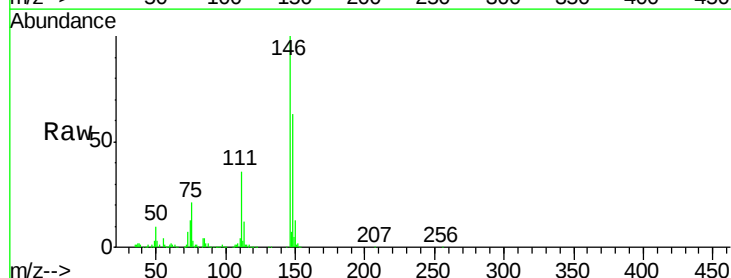
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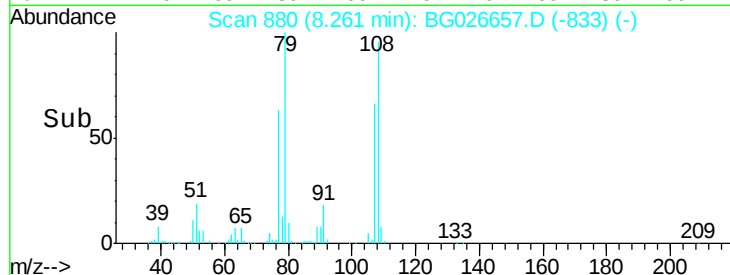
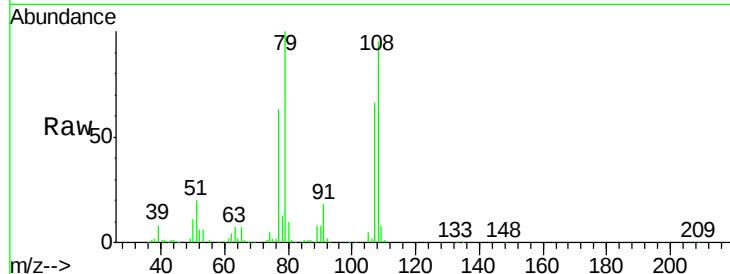
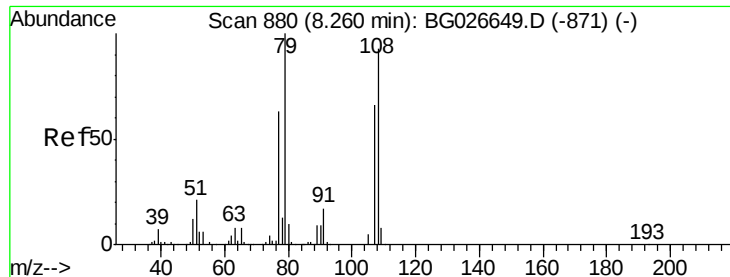
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 33.98 ng
 RT: 8.38 min Scan# 901
 Delta R.T. -0.02 min
 Lab File: BG026657.D
 Acq: 19 Apr 2017 15:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100				
148	63.0	54.6	81.8		
111	36.1	39.7	59.5		





#15

Benzyl Alcohol

Concen: 37.61 ng

RT: 8.26 min Scan# 880

Delta R.T. -0.02 min

Lab File: BG026657.D

Acq: 19 Apr 2017 15:04

Tot Ion:	79	Resp:	279213
Ion Ratio	Lower	Upper	
79	100		
108	95.2	45.5	68.3#
77	62.9	54.3	81.5

Instrument :

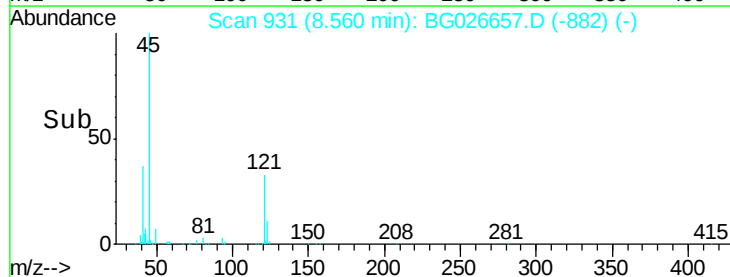
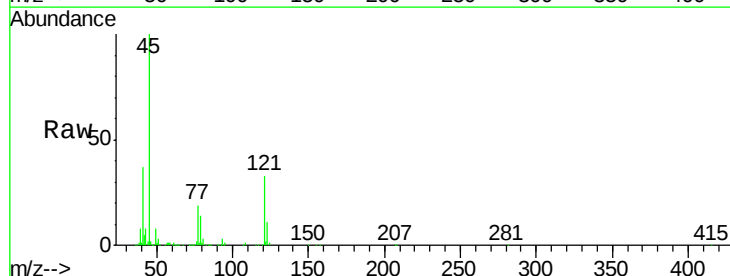
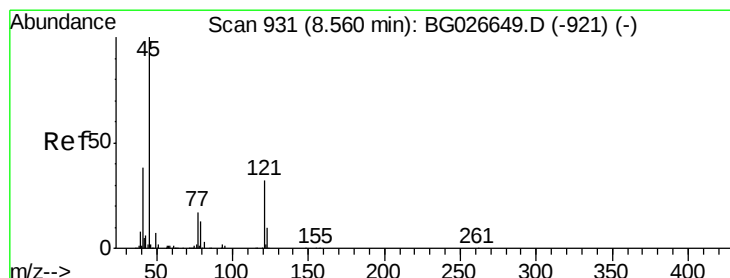
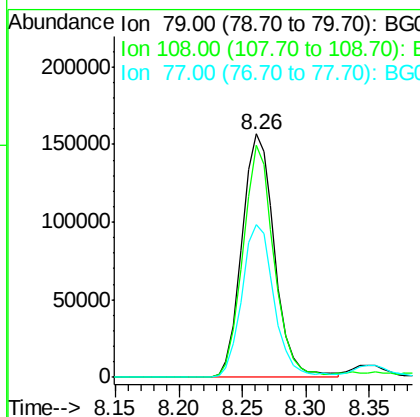
BNA_G

ClientSampleId :

PB98333BS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.60 ng

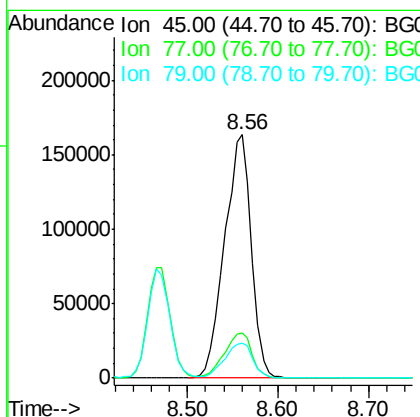
RT: 8.56 min Scan# 931

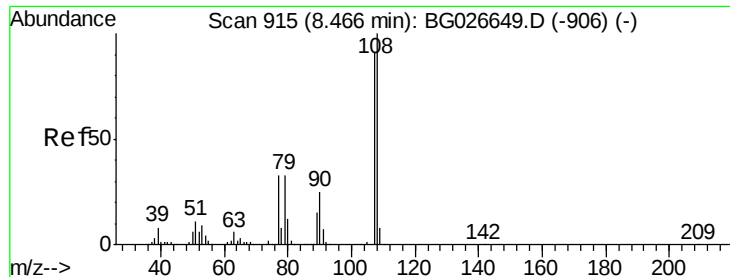
Delta R.T. -0.01 min

Lab File: BG026657.D

Acq: 19 Apr 2017 15:04

Tgt Ion:	45	Resp:	334241
Ion Ratio	Lower	Upper	
45	100		
77	18.7	0.0	30.6
79	14.4	0.0	28.5





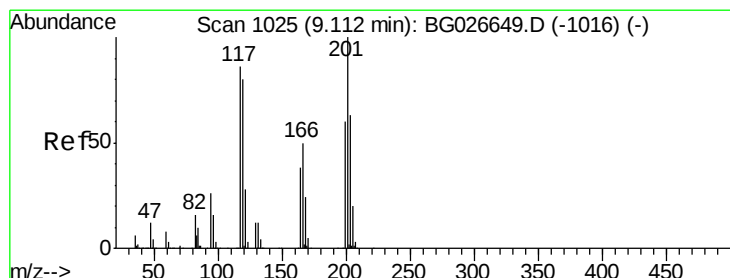
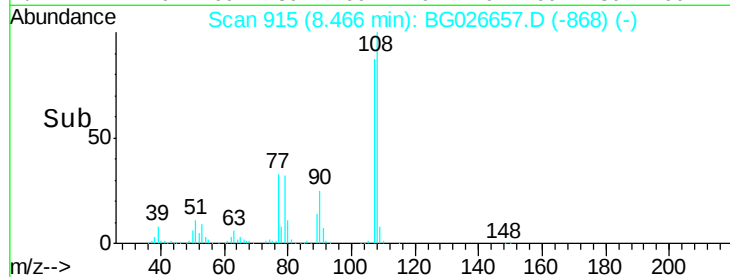
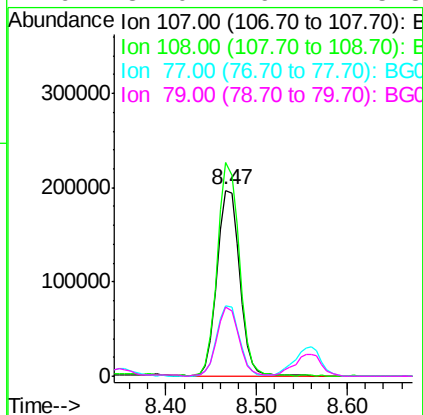
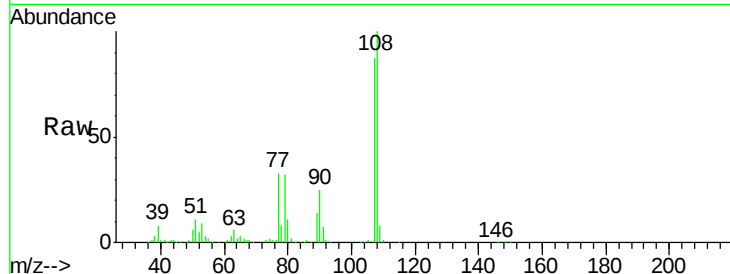
#17
2-Methylphenol
Concen: 37.51 ng
RT: 8.47 min Scan# 915
Delta R.T. -0.02 min
Lab File: BG026657.D
Acq: 19 Apr 2017 15:04

Instrument :
BNA_G
ClientSampleId :
PB98333BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.7	85.6	128.4	
77	37.5	51.4	77.2#	
79	37.0	49.2	73.8#	

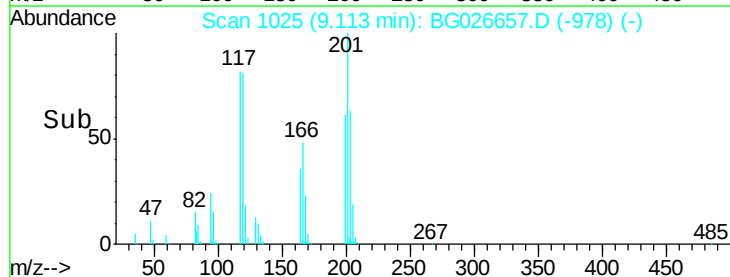
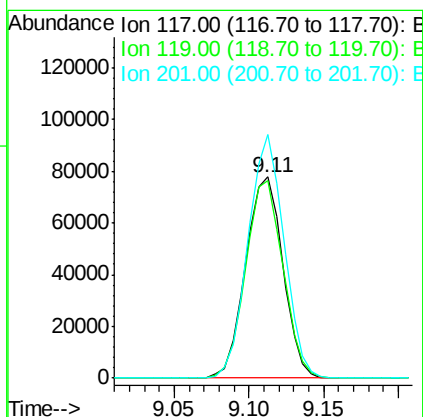
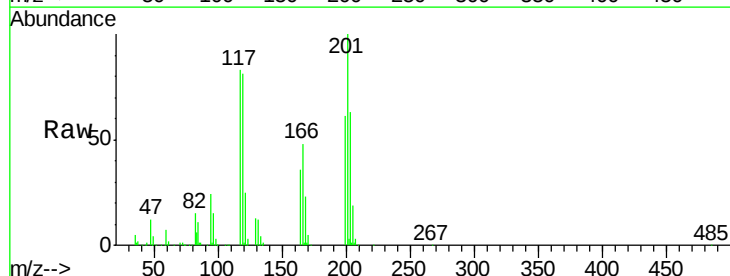
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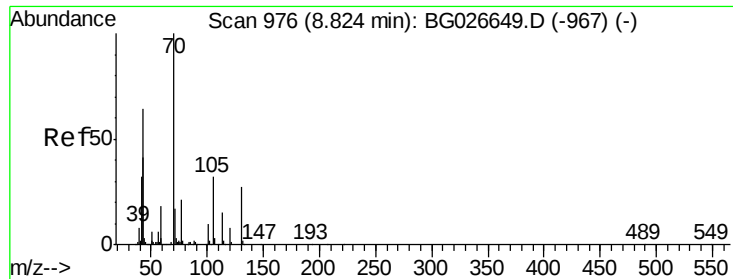
mohammad
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#18
Hexachloroethane
Concen: 32.87 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BG026657.D
Acq: 19 Apr 2017 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.5	69.8	104.6	
201	121.2	95.4	143.0	





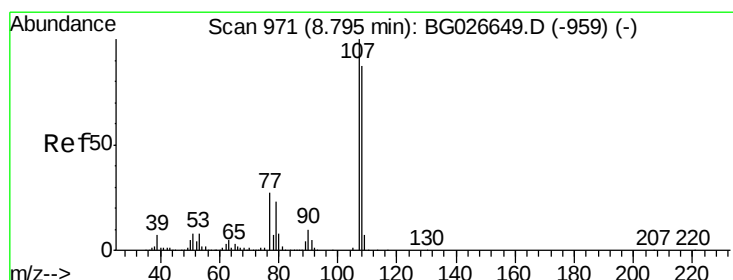
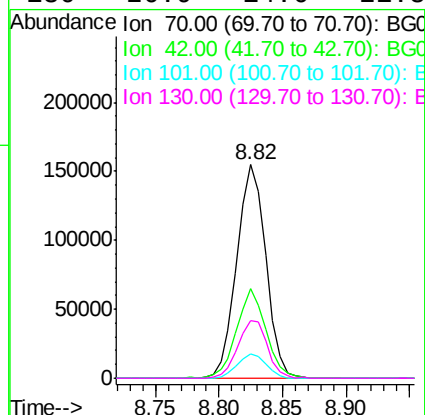
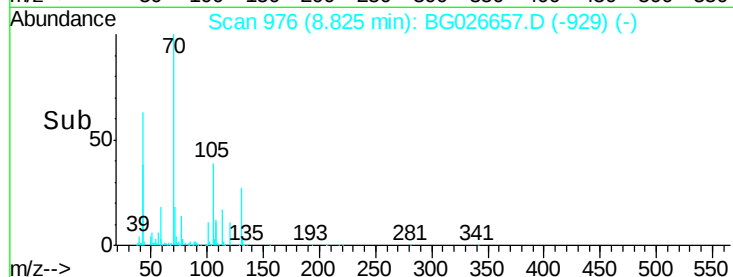
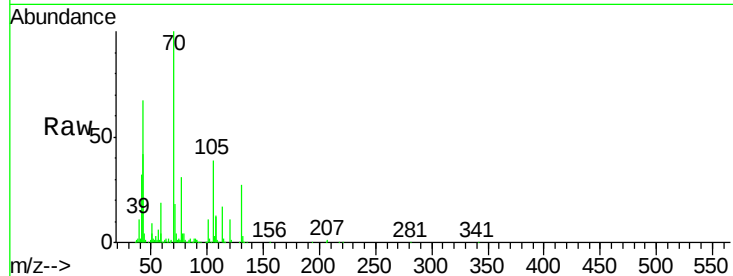
#19
n-Nitroso-di-n-propylamine
Concen: 33.41 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.02 min
Lab File: BG026657.D
Acq: 19 Apr 2017 15:04

Instrument :
BNA_G
ClientSampleId :
PB98333BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		245854		
42	42.0	56.1	84.1#		
101	11.2	7.5	11.3		
130	26.9	14.6	21.8#		

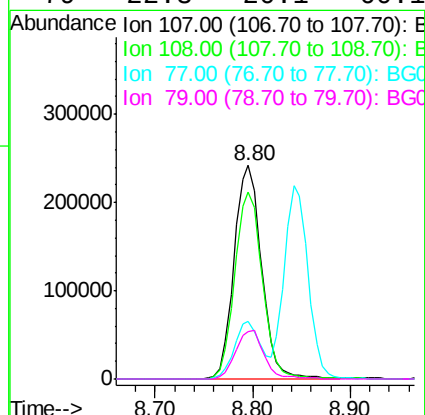
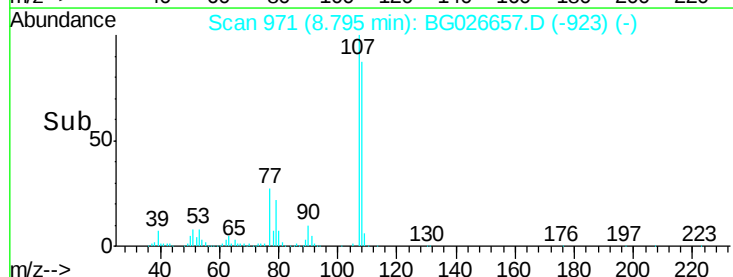
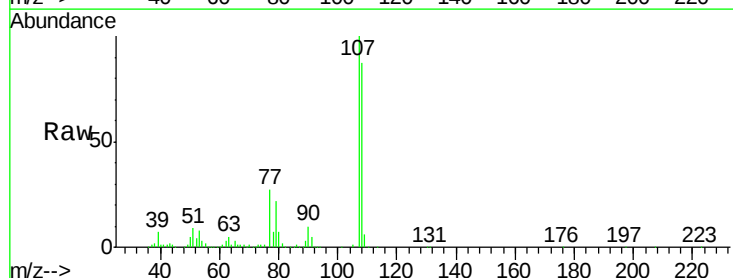
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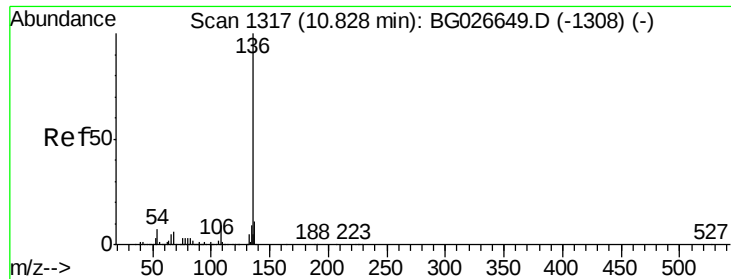
mohammad
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#20
3+4-Methylphenols
Concen: 37.98 ng
RT: 8.80 min Scan# 971
Delta R.T. -0.02 min
Lab File: BG026657.D
Acq: 19 Apr 2017 15:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		472353		
108	87.5	70.8	110.8		
77	27.1	25.8	65.8		
79	22.3	20.1	60.1		





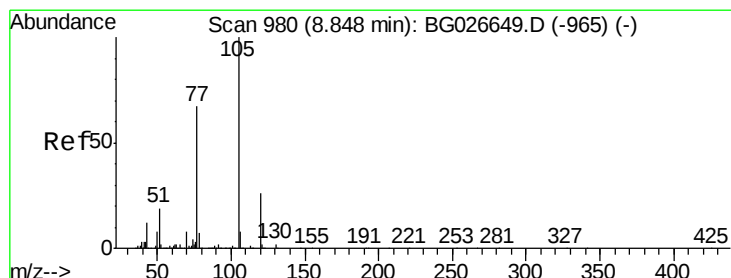
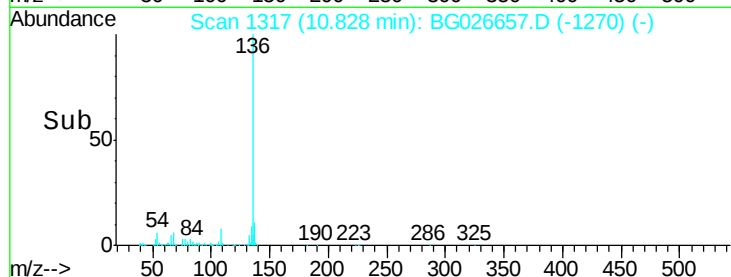
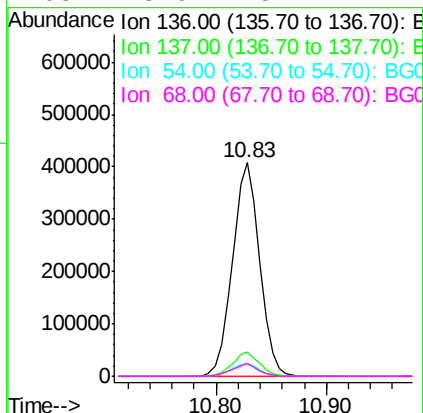
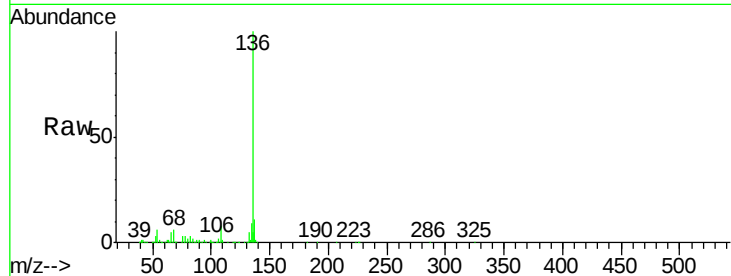
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BG026657.D
Acq: 19 Apr 2017 15:04

Instrument :
BNA_G
ClientSampleId :
PB98333BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	699848		
137	11.2	8.9	13.3	
54	5.8	9.3	13.9	
68	5.9	5.1	7.7	

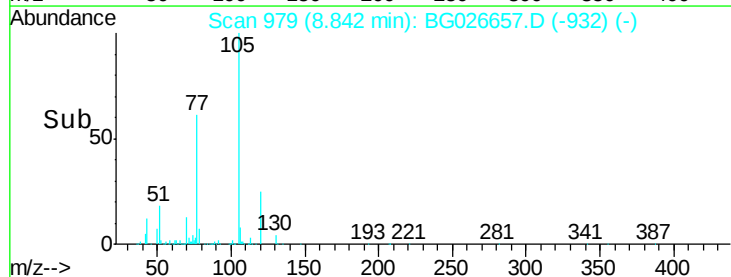
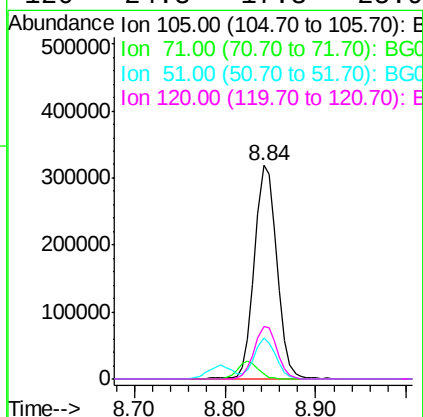
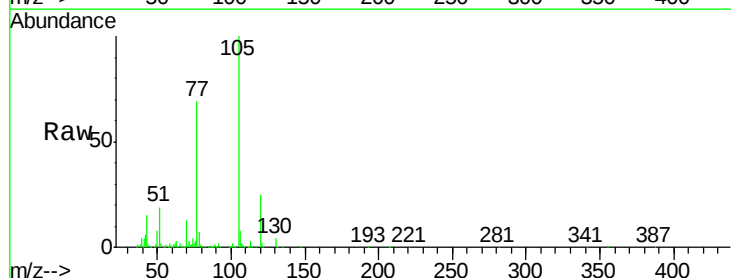
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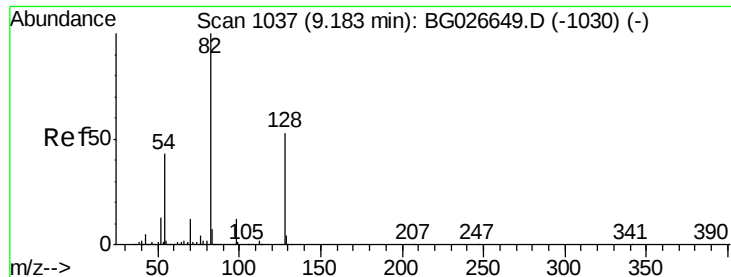
mohammad
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#22
Acetophenone
Concen: 34.42 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.02 min
Lab File: BG026657.D
Acq: 19 Apr 2017 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	550558		
71	2.6	0.9	1.3	
51	19.5	34.0	51.0	
120	24.8	17.3	25.9	





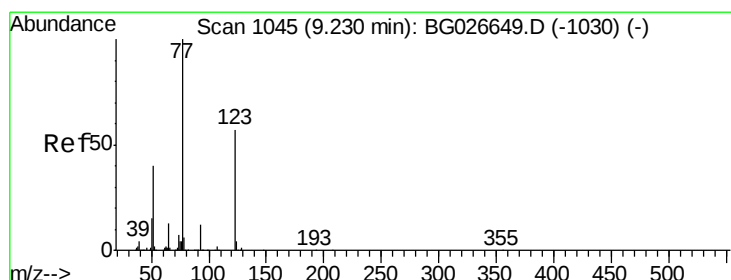
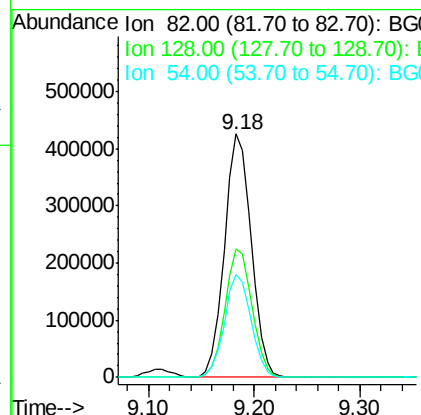
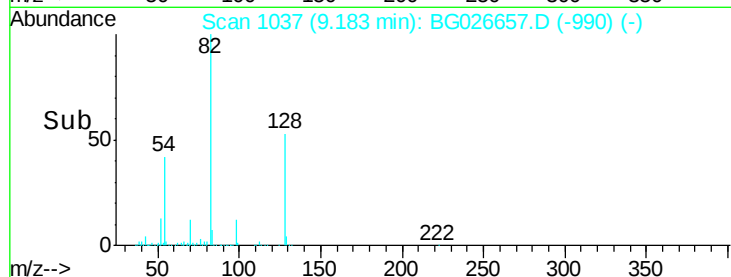
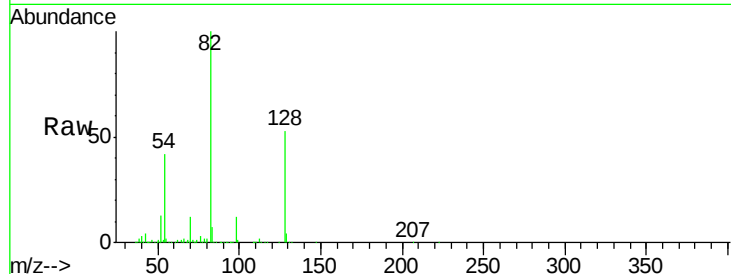
#23
 Nitrobenzene-d5
 Concen: 74.49 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BG026657.D
 Acq: 19 Apr 2017 15:04

Instrument :
 BNA_G
 ClientSampleId :
 PB98333BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	52.8	26.4	39.6#
54	42.5	49.4	74.2#

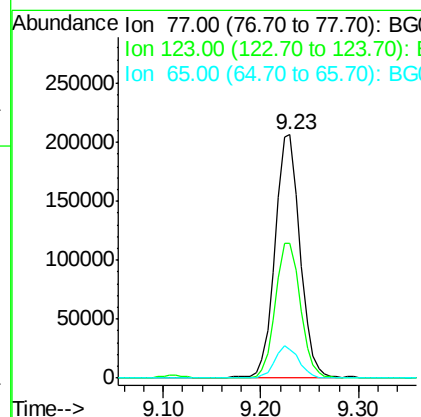
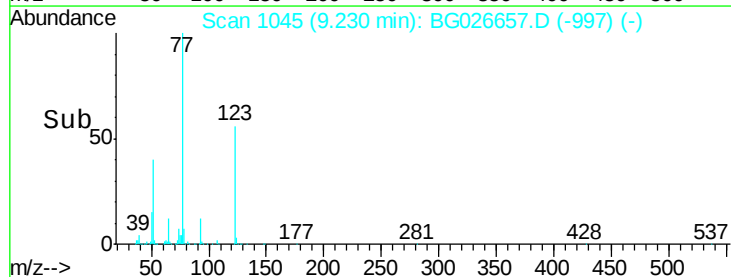
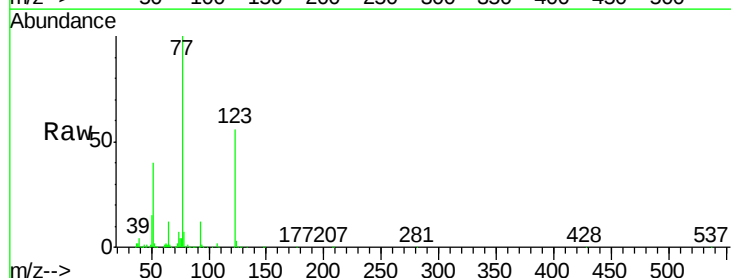
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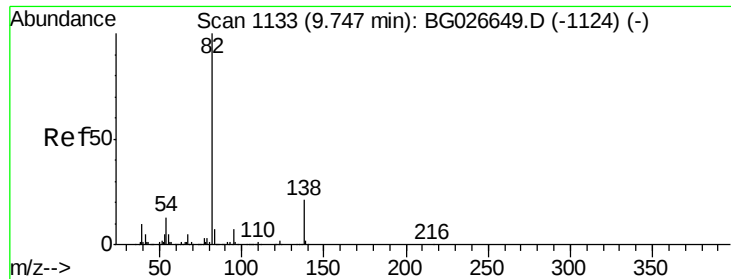
mohammad
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#24
 Nitrobenzene
 Concen: 34.76 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.02 min
 Lab File: BG026657.D
 Acq: 19 Apr 2017 15:04

Tgt Ion	Ratio	Lower	Upper
77	100		
123	55.6	26.1	39.1#
65	11.7	12.4	18.6#





#25

Isophorone

Concen: 34.49 ng

RT: 9.75 min Scan# 1133

Delta R.T. -0.02 min

Lab File: BG026657.D

Acq: 19 Apr 2017 15:04

Instrument :

BNA_G

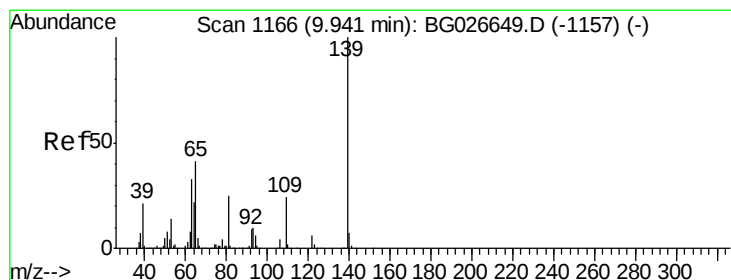
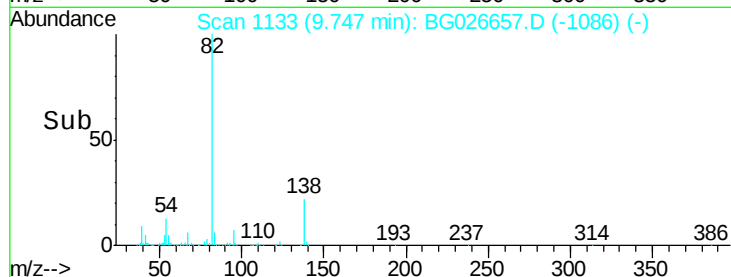
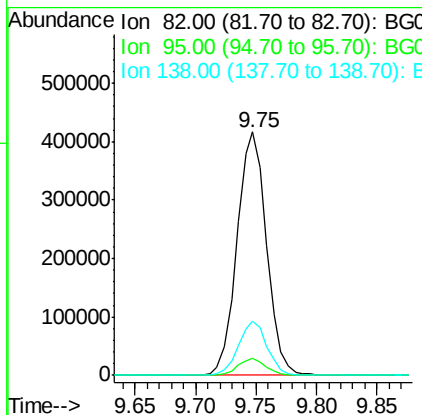
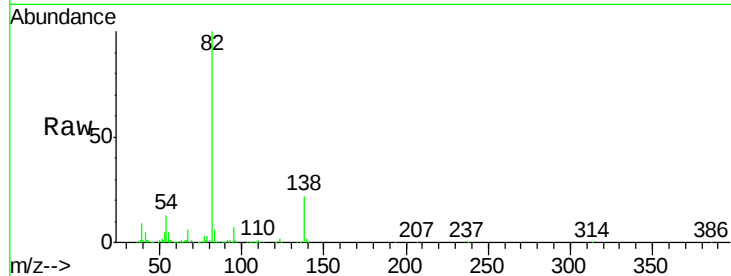
ClientSampleId :

PB98333BS

Tot Ion:	82	Resp:	709151
Ion Ratio		Lower	Upper
82	100		
95	6.8	7.5	11.3#
138	22.5	12.3	18.5#

Manual Integrations
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#26

2-Nitrophenol

Concen: 35.64 ng

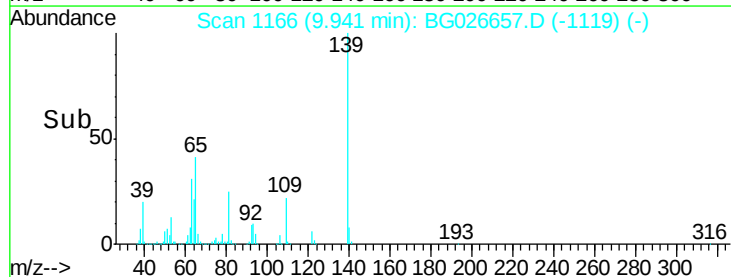
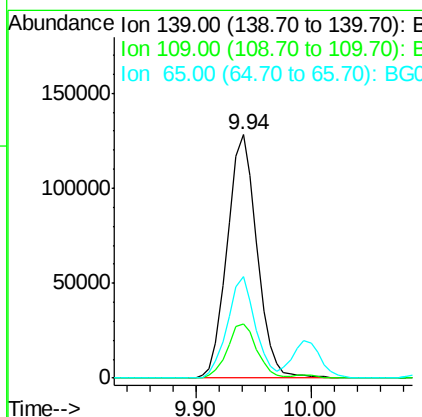
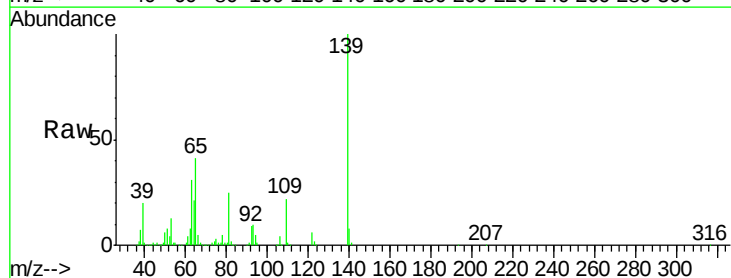
RT: 9.94 min Scan# 1166

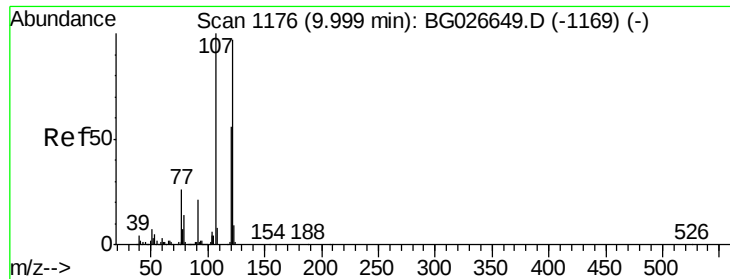
Delta R.T. -0.02 min

Lab File: BG026657.D

Acq: 19 Apr 2017 15:04

Tgt Ion:	139	Resp:	229317
Ion Ratio		Lower	Upper
139	100		
109	22.3	38.6	58.0#
65	41.5	57.1	85.7#





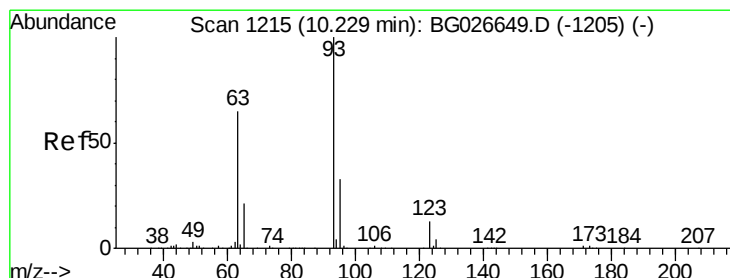
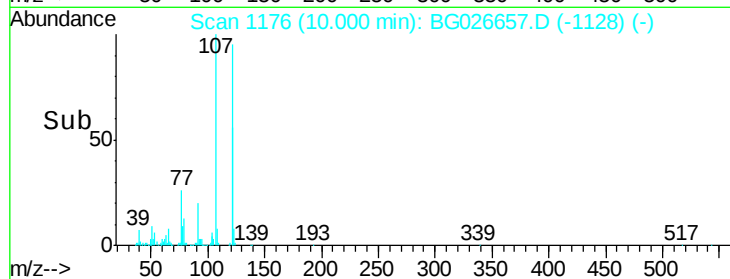
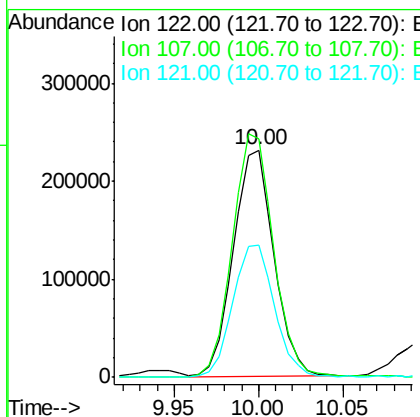
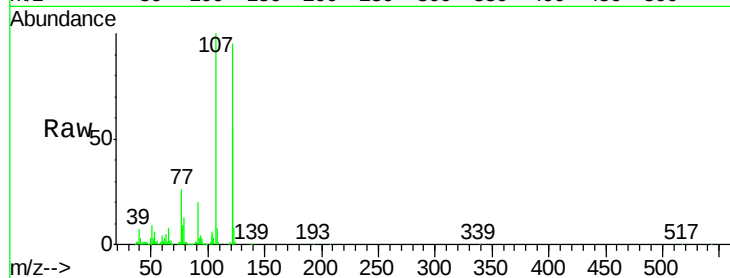
#27
 2,4-Dimethylphenol
 Concen: 37.00 ng
 RT: 10.00 min Scan# 1176
 Delta R.T. -0.02 min
 Lab File: BG026657.D
 Acq: 19 Apr 2017 15:04

Instrument :
 BNA_G
 ClientSampleId :
 PB98333BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	105.3	104.2	156.4
121	58.4	46.0	69.0

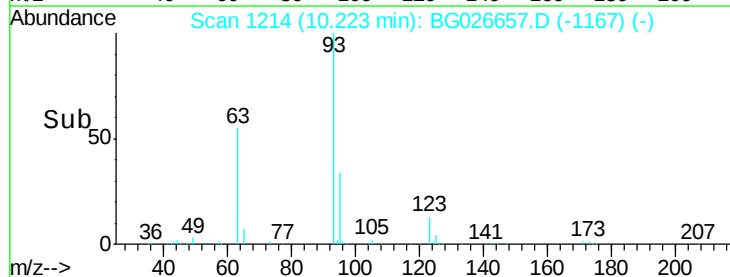
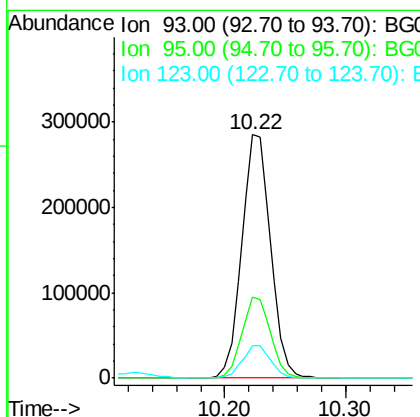
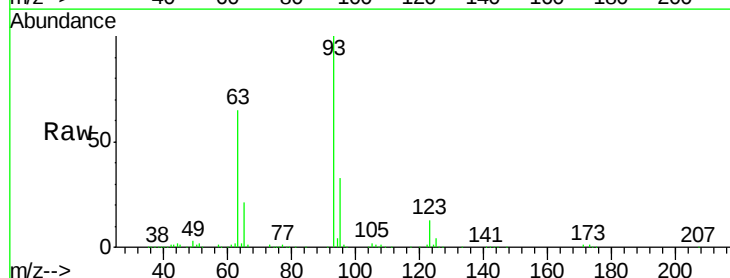
Manual Integrations
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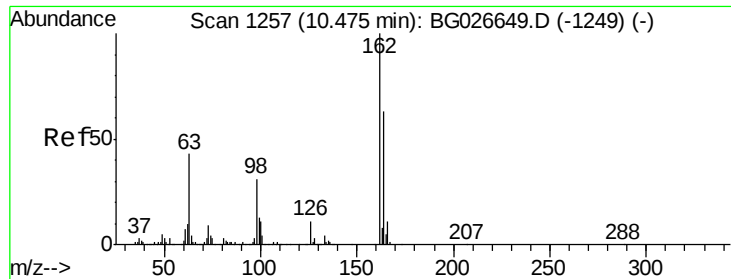
mohammad
 4/20/2017 1:54:20 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.34 ng
 RT: 10.22 min Scan# 1214
 Delta R.T. -0.02 min
 Lab File: BG026657.D
 Acq: 19 Apr 2017 15:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	25.7	38.5
123	13.2	8.3	12.5#





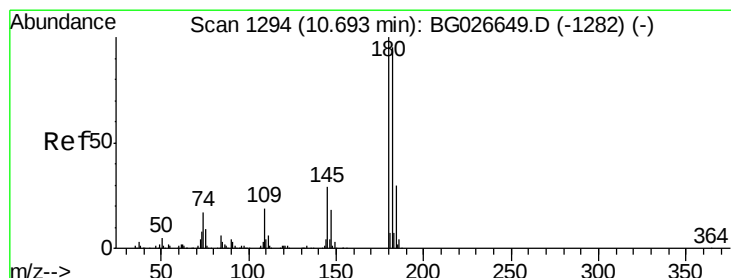
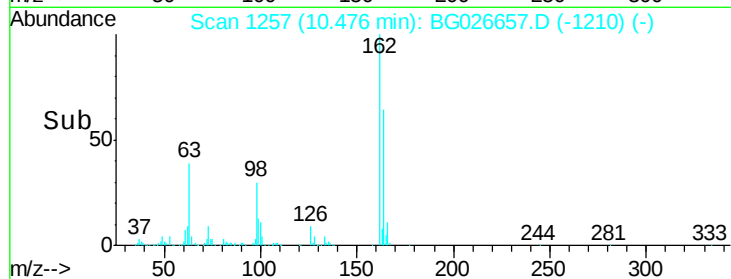
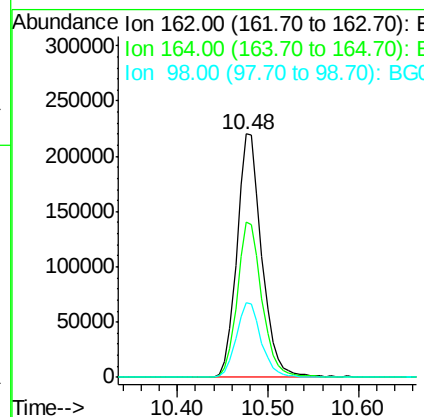
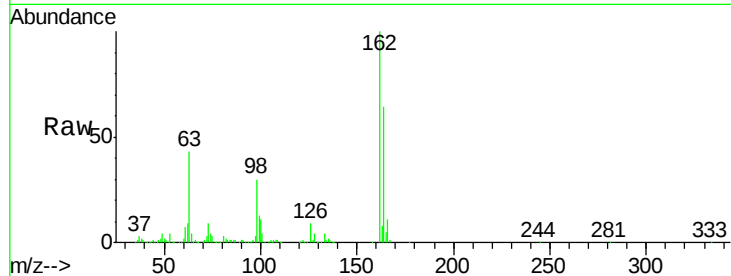
#29
 2,4-Dichlorophenol
 Concen: 38.69 ng
 RT: 10.48 min Scan# 1257
 Delta R.T. -0.02 min
 Lab File: BG026657.D
 Acq: 19 Apr 2017 15:04

Instrument :
 BNA_G
 ClientSampleID :
 PB98333BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	420223		
164	63.8	42.4	82.4	
98	30.4	20.3	60.3	

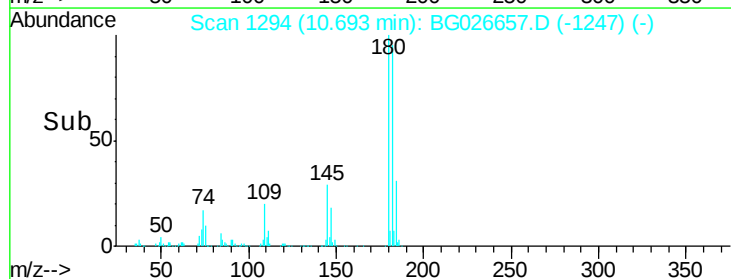
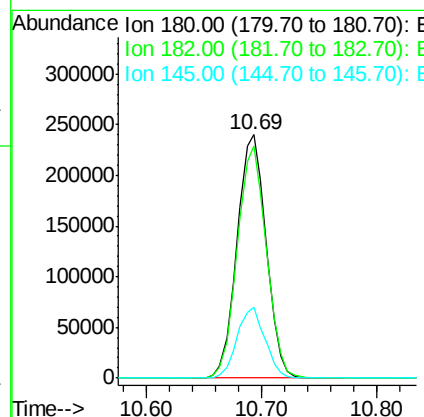
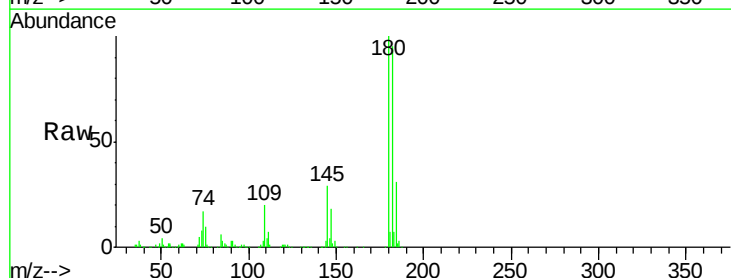
Manual Integrations
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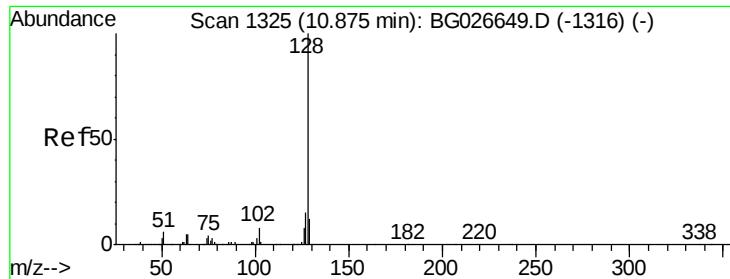
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 34.62 ng
 RT: 10.69 min Scan# 1294
 Delta R.T. -0.02 min
 Lab File: BG026657.D
 Acq: 19 Apr 2017 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	419104		
182	95.4	77.0	115.4	
145	28.9	23.4	35.0	





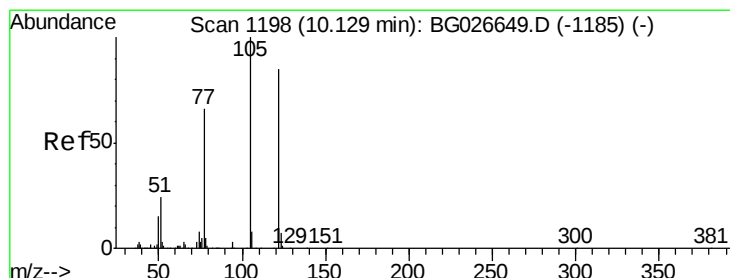
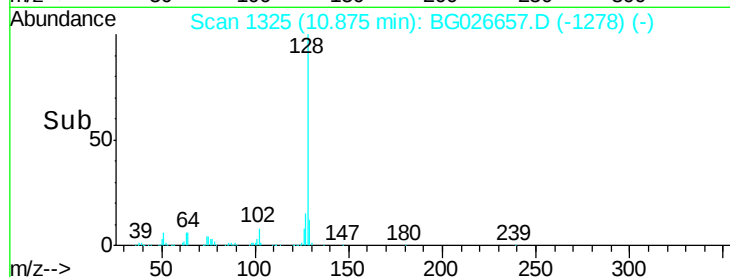
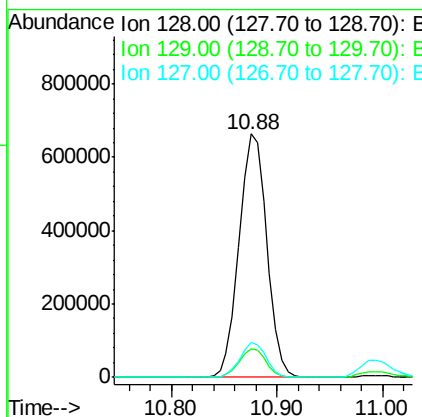
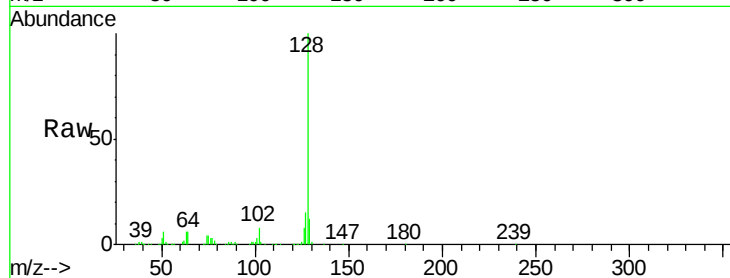
#31
Naphthalene
Concen: 35.10 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BG026657.D
Acq: 19 Apr 2017 15:04

Instrument :
BNA_G
ClientSampleId :
PB98333BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.3	13.9
127	14.6	11.4	17.0

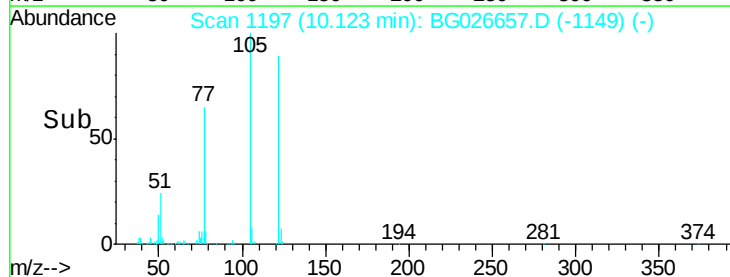
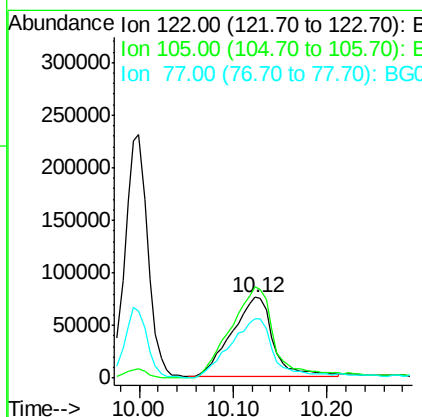
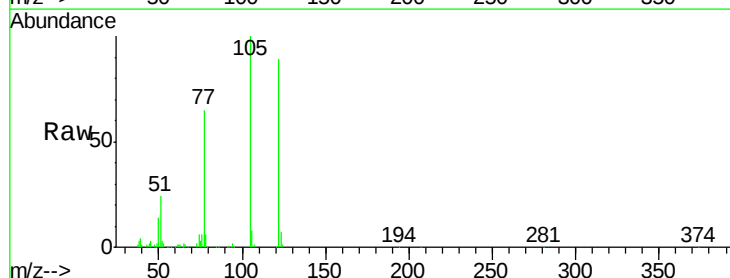
Manual Integrations
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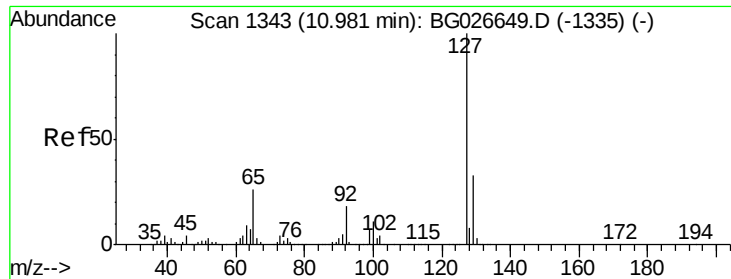
mohammad
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#32
Benzoic acid
Concen: 34.46 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BG026657.D
Acq: 19 Apr 2017 15:04

Tgt Ion	Ratio	Lower	Upper
122	100		
105	112.5	120.1	160.1#
77	72.9	104.6	144.6#





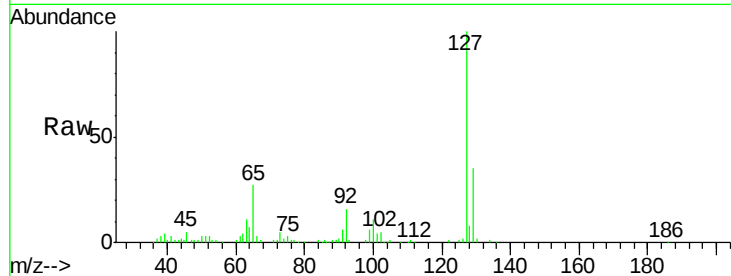
#33
4-Chloroaniline
Concen: 7.42 ng
RT: 10.99 min Scan# 1344
Delta R.T. -0.02 min
Lab File: BG026657.D
Acq: 19 Apr 2017 15:04

Instrument :
BNA_G
ClientSampleId :
PB98333BS

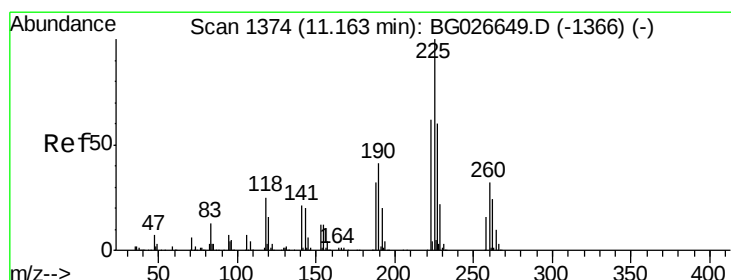
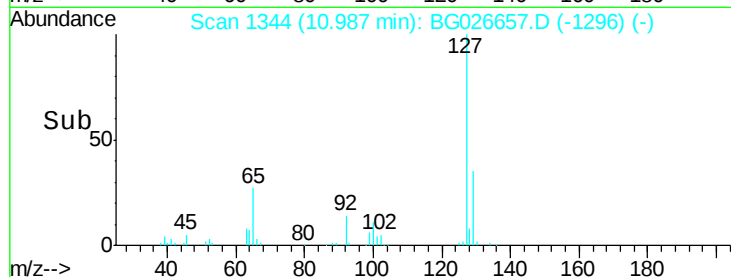
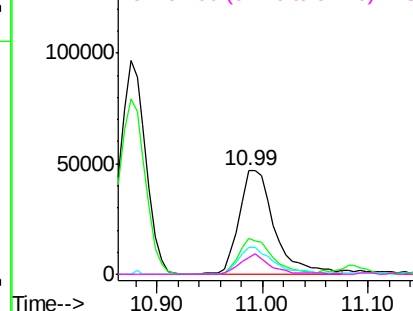
Tot Ion	Ratio	Lower	Upper
127	100		
129	34.9	23.6	35.4
65	26.6	37.7	56.5#
92	16.1	17.6	26.4#

Manual Integrations
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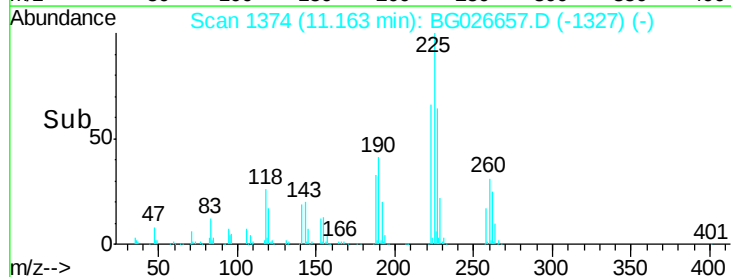
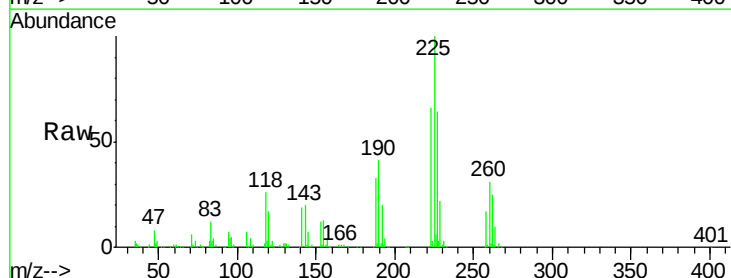
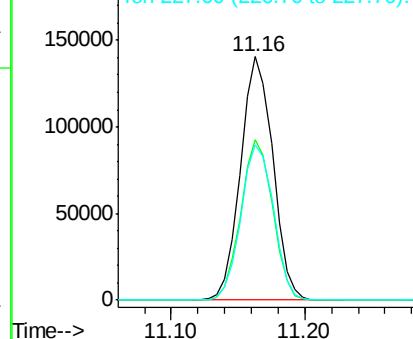
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

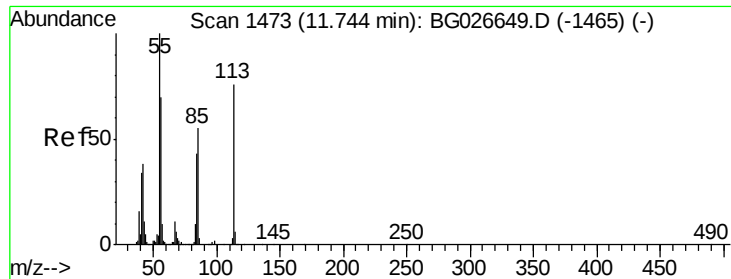


#34
Hexachlorobutadiene
Concen: 33.95 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.02 min
Lab File: BG026657.D
Acq: 19 Apr 2017 15:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.7	50.7	76.1
227	63.7	49.0	73.6

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





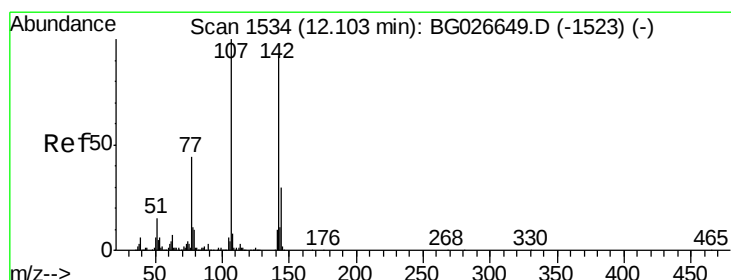
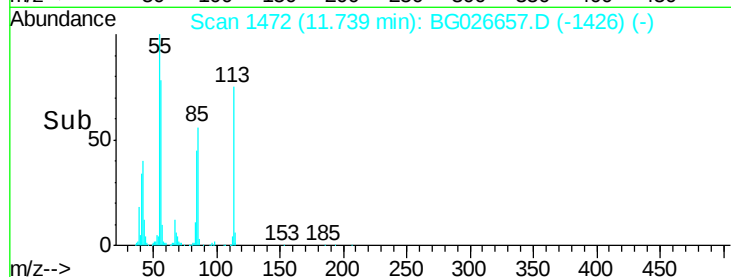
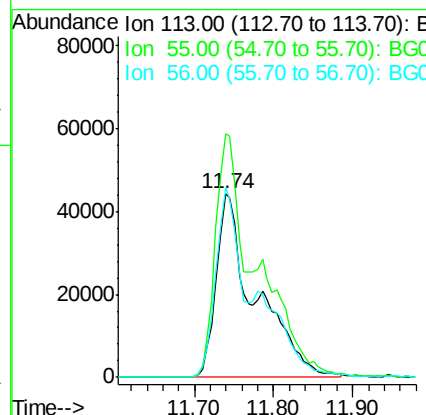
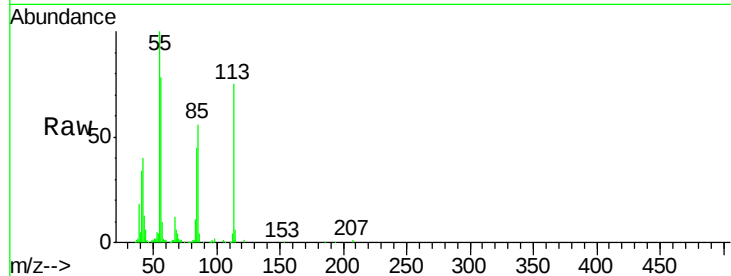
#35
 Caprolactam
 Concen: 36.25 ng/ml
 RT: 11.74 min Scan# 1472
 Delta R.T. -0.03 min
 Lab File: BG026657.D
 Acq: 19 Apr 2017 15:04

Instrument :
 BNA_G
 ClientSampleId :
 PB98333BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	132.5		198.6	238.6#	
56	103.1		140.4	180.4#	

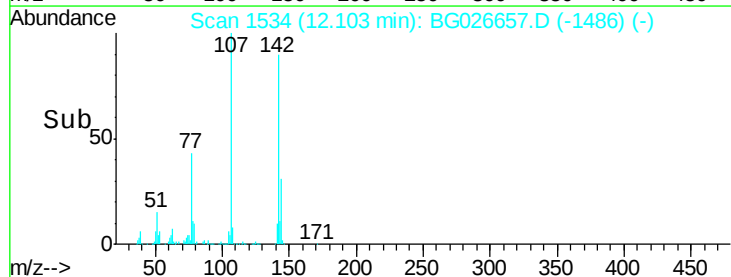
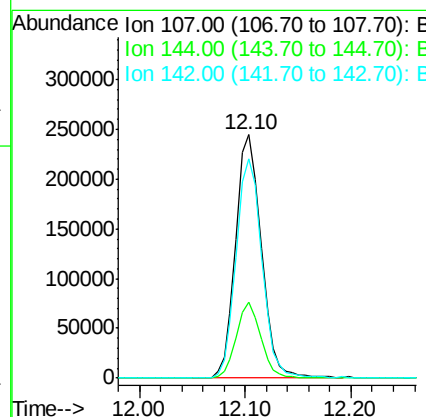
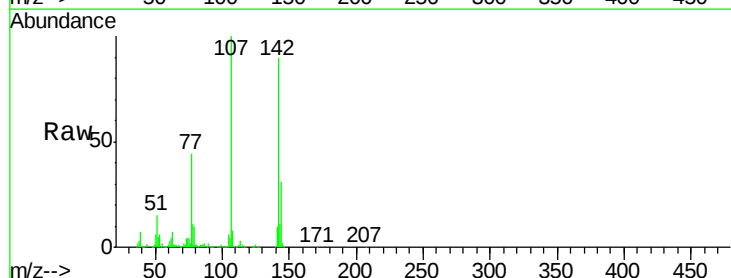
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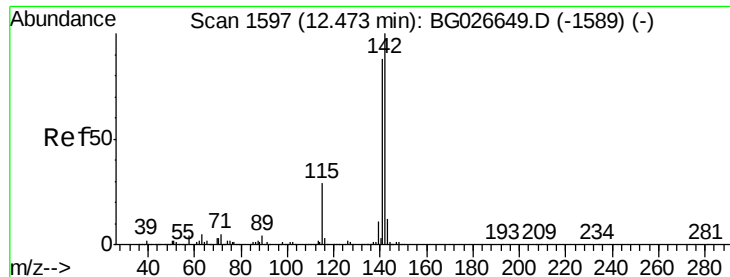
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 37.65 ng/ml
 RT: 12.10 min Scan# 1534
 Delta R.T. -0.02 min
 Lab File: BG026657.D
 Acq: 19 Apr 2017 15:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	31.0		17.4	26.0#	
142	90.0		54.1	81.1#	





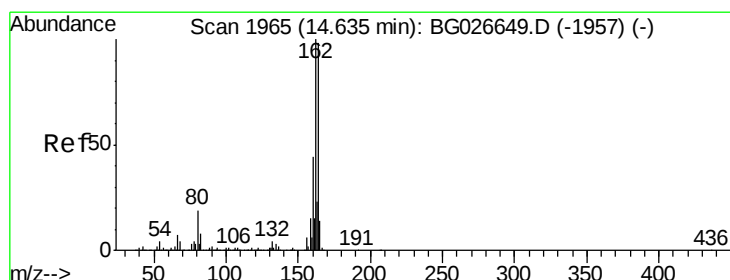
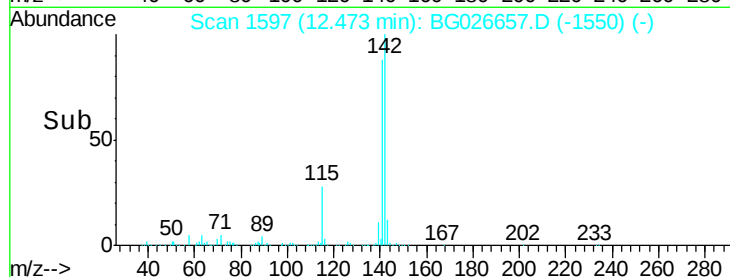
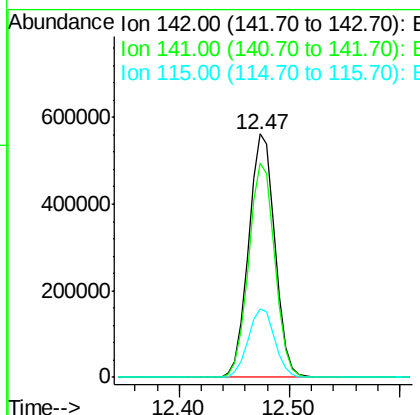
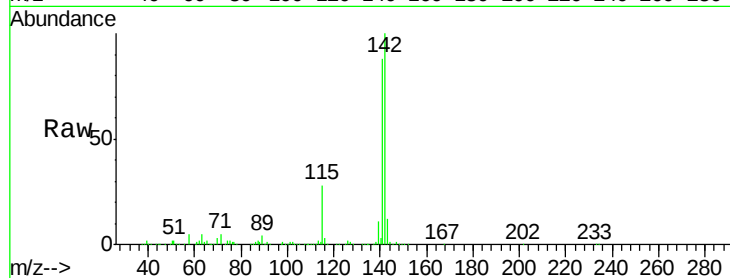
#37
2-Methylnaphthalene
Concen: 35.51 ng
RT: 12.47 min Scan# 1597
Delta R.T. -0.02 min
Lab File: BG026657.D
Acq: 19 Apr 2017 15:04

Instrument :
BNA_G
ClientSampleId :
PB98333BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	938609		
141	87.8	70.4	105.6	
115	28.3	35.5	53.3	

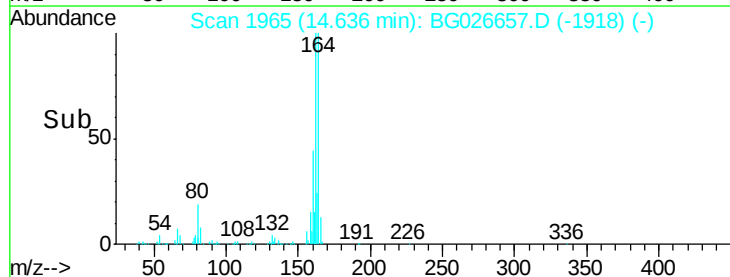
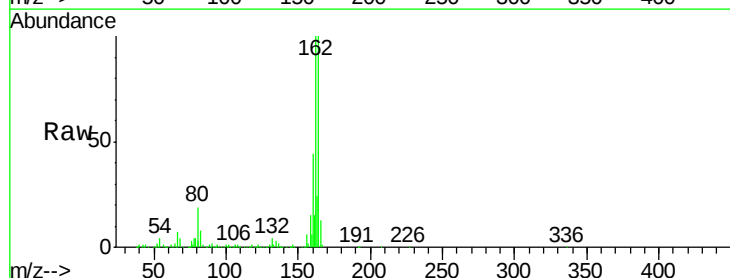
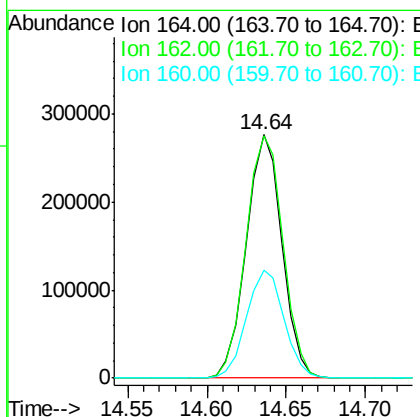
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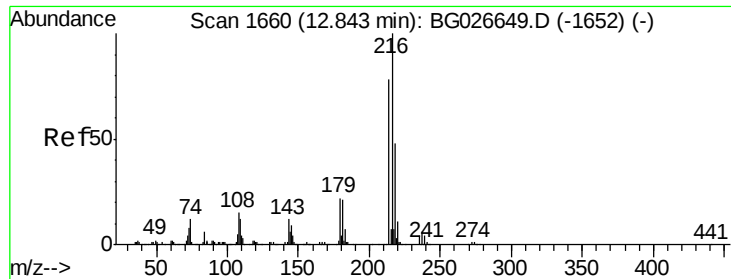
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.64 min Scan# 1965
Delta R.T. -0.02 min
Lab File: BG026657.D
Acq: 19 Apr 2017 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	432657		
162	99.7	85.1	127.7	
160	44.1	34.7	52.1	





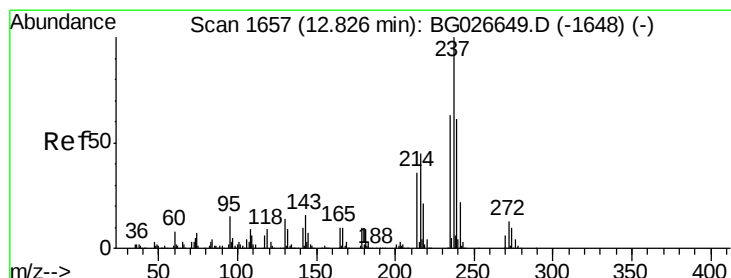
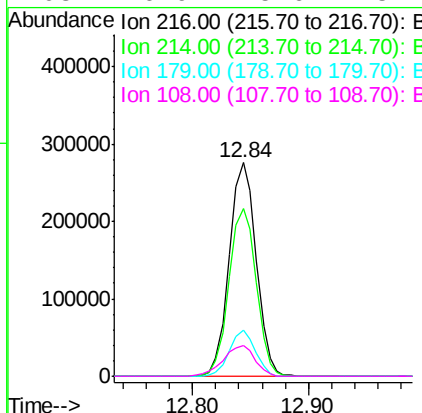
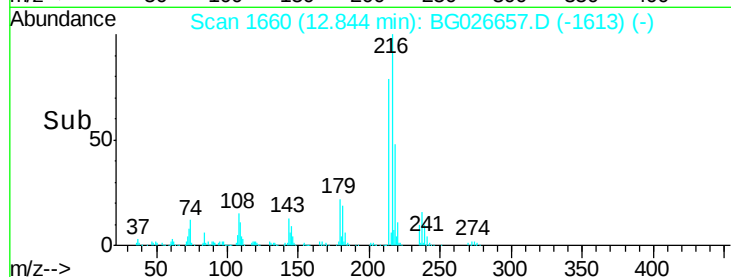
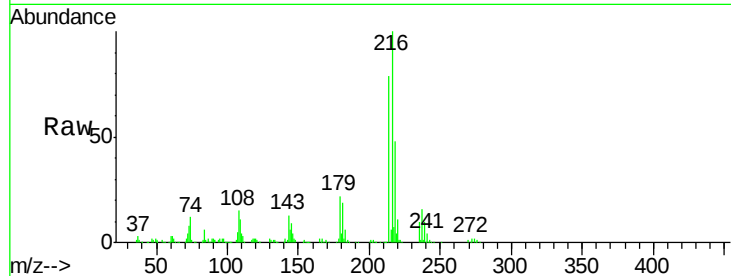
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.46 ng
 RT: 12.84 min Scan# 1660
 Delta R.T. -0.02 min
 Lab File: BG026657.D
 Acq: 19 Apr 2017 15:04

Instrument :
 BNA_G
 ClientSampleId :
 PB98333BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		445928		
214	79.8	64.4	96.6		
179	21.0	17.4	26.0		
108	16.9	15.6	23.4		

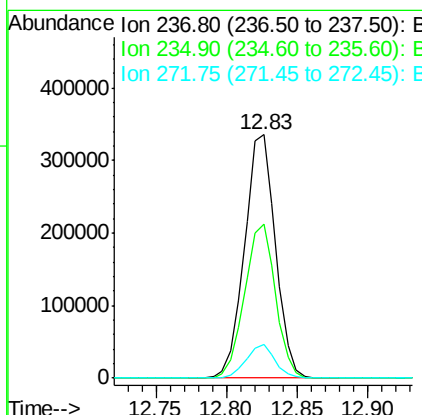
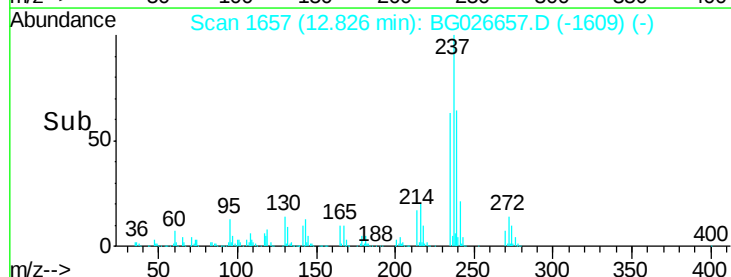
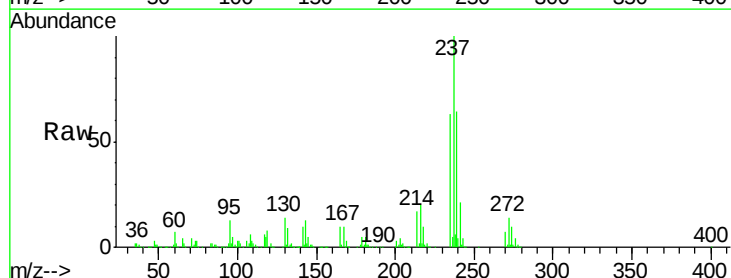
Manual Integrations
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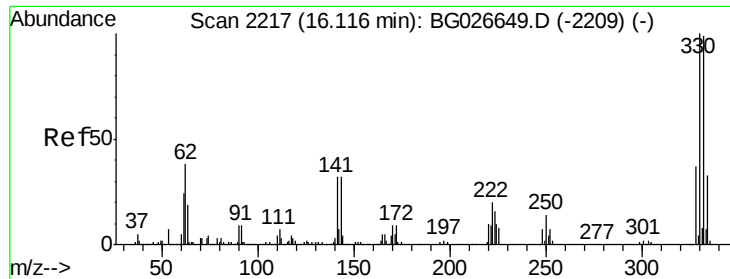
mohammad
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#40
 Hexachlorocyclopentadiene
 Concen: 76.42 ng
 RT: 12.83 min Scan# 1657
 Delta R.T. -0.02 min
 Lab File: BG026657.D
 Acq: 19 Apr 2017 15:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		514630		
235	63.4	39.4	79.4		
272	13.7	0.0	32.0		





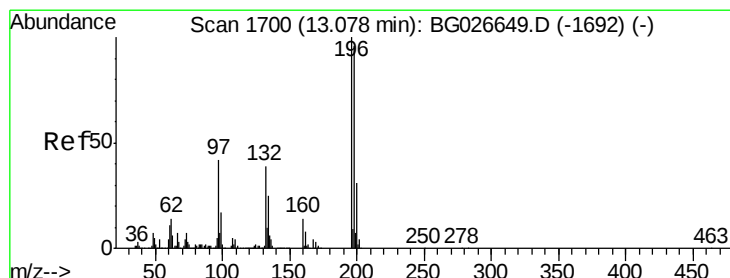
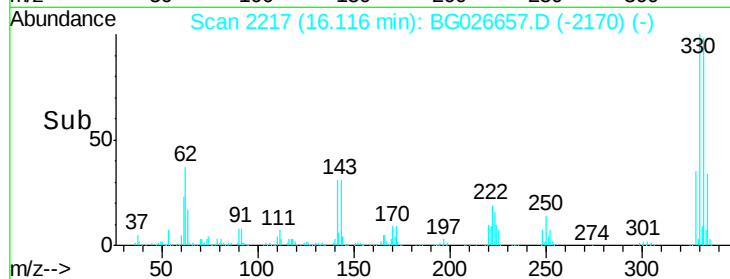
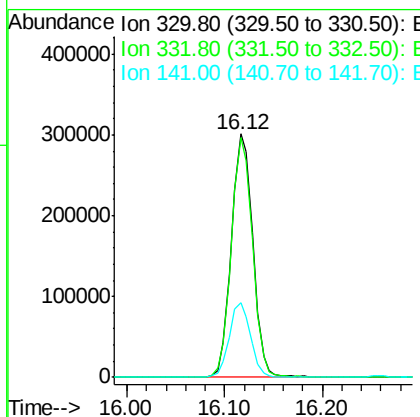
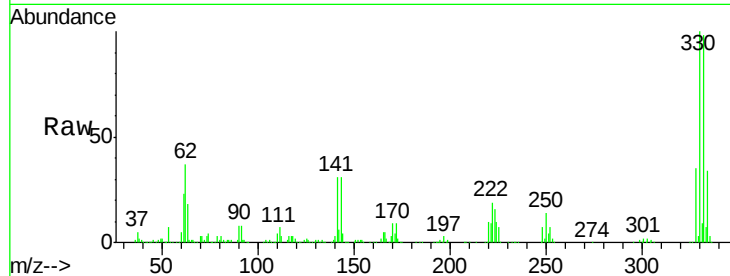
#41
 2,4,6-Tribromophenol
 Concen: 75.97 ng
 RT: 16.12 min Scan# 2217
 Delta R.T. -0.02 min
 Lab File: BG026657.D
 Acq: 19 Apr 2017 15:04

Instrument :
 BNA_G
 ClientSampleId :
 PB98333BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	458013		
332	97.4	77.3	115.9	
141	30.5	32.1	48.1#	

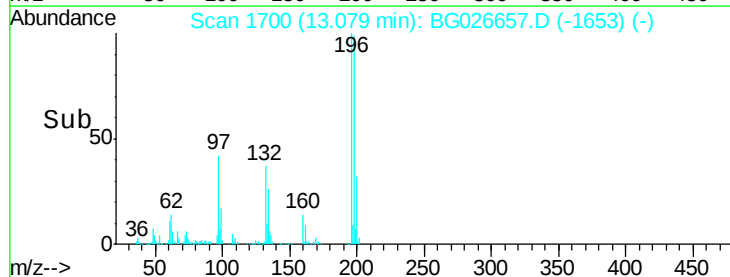
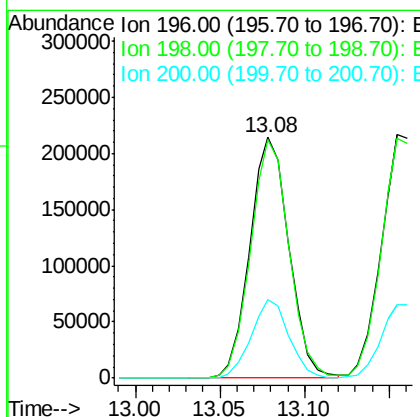
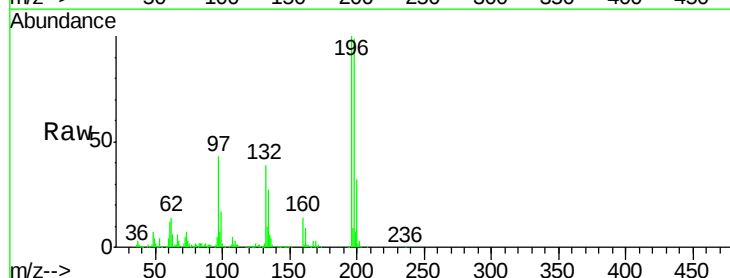
Manual Integrations
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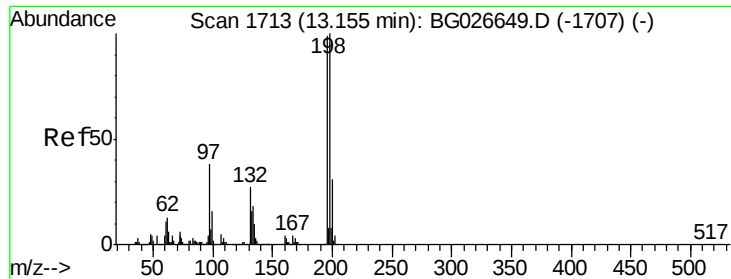
mohammad
 4/20/2017 1:54:20 PM



#42
 2,4,6-Trichlorophenol
 Concen: 36.24 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BG026657.D
 Acq: 19 Apr 2017 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	343869		
198	99.0	81.4	122.2	
200	32.4	27.0	40.6	





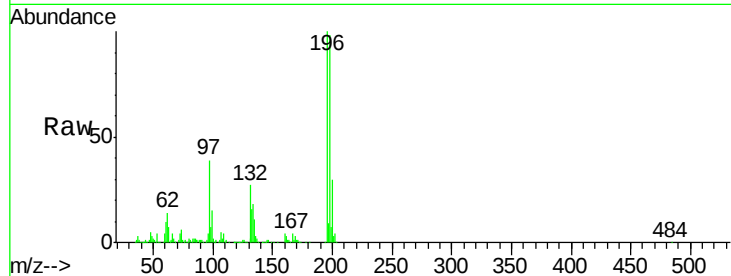
#43
2,4,5-Trichlorophenol
Concen: 37.24 ng
RT: 13.15 min Scan# 1713
Delta R.T. -0.02 min
Lab File: BG026657.D
Acq: 19 Apr 2017 15:04

Instrument :
BNA_G
ClientSampleId :
PB98333BS

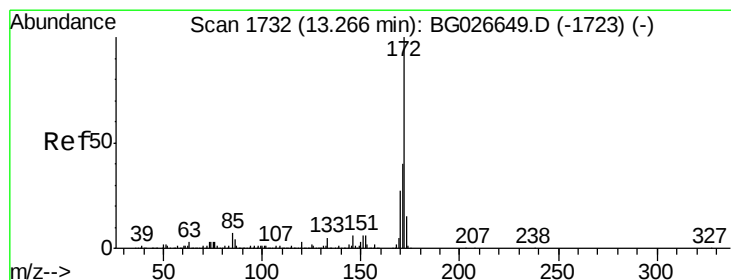
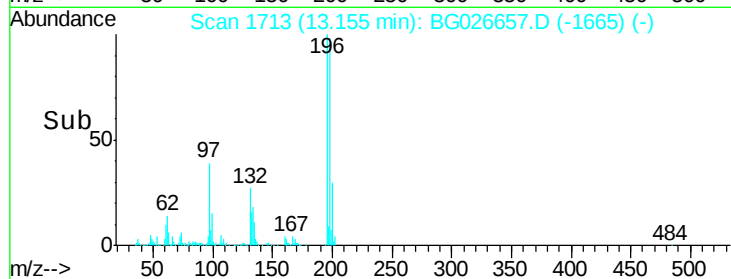
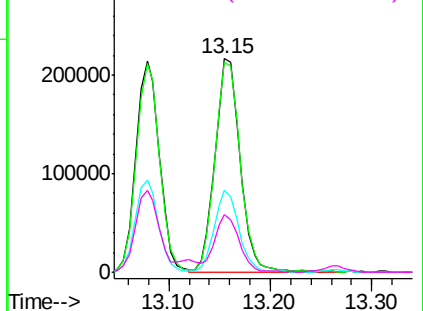
Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	98.3	79.9	119.9	
97	38.6	45.4	68.0	
132	26.9	20.7	31.1	

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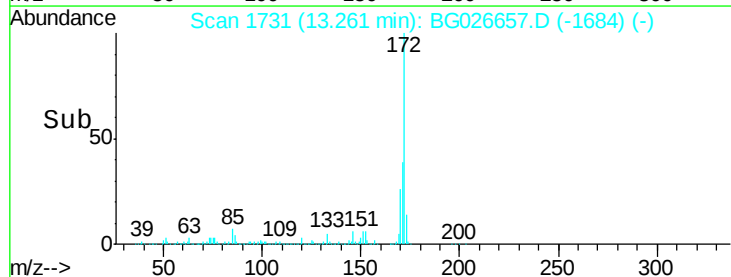
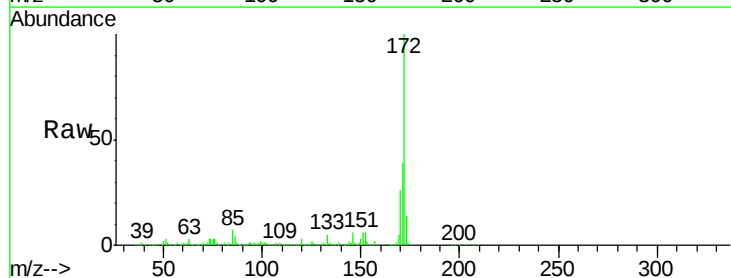
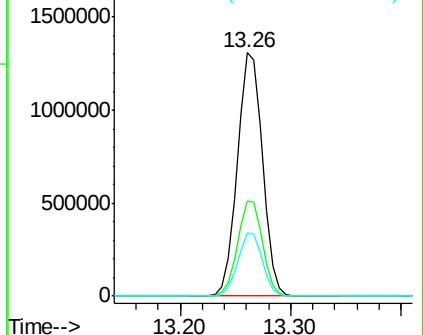
Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BG
Ion 132.00 (131.70 to 132.70): E

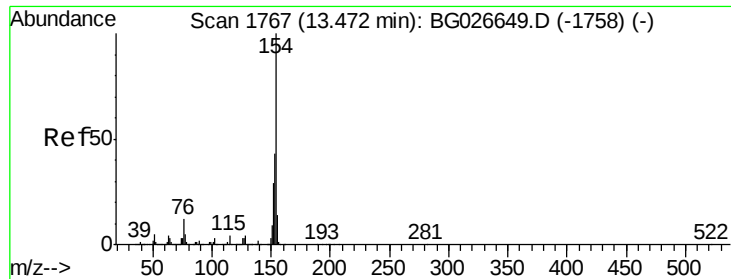


#44
2-Fluorobiphenyl
Concen: 72.14 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.02 min
Lab File: BG026657.D
Acq: 19 Apr 2017 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	39.1	32.2	48.2	
170	26.0	21.8	32.6	

Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 34.78 ng

RT: 13.47 min Scan# 1767

Delta R.T. -0.02 min

Lab File: BG026657.D

Acq: 19 Apr 2017 15:04

Instrument :

BNA_G

ClientSampleId :

PB98333BS

Tot Ion:154 Resp: 1222681

Ion Ratio Lower Upper

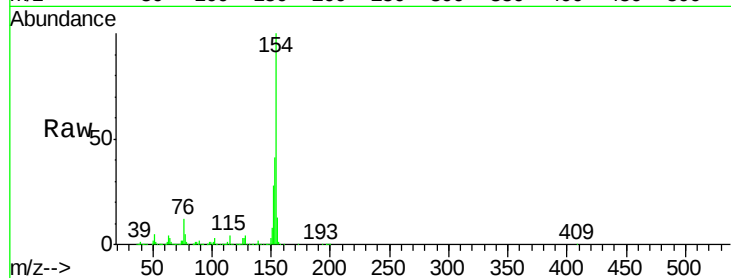
154 100

153 40.7 23.0 63.0

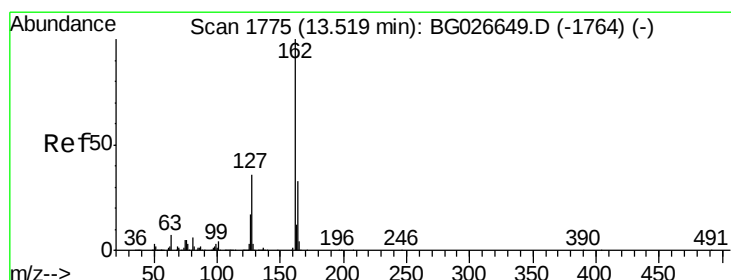
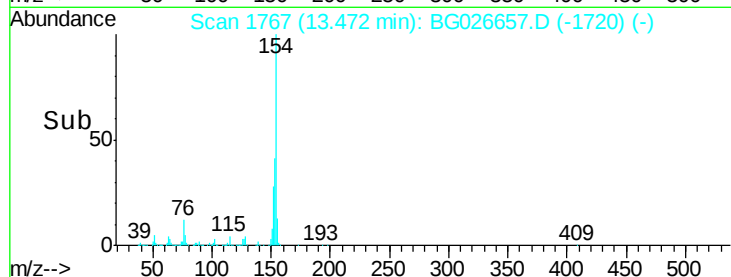
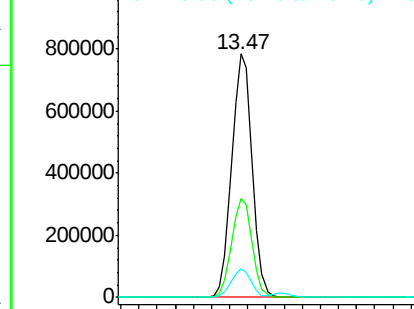
76 11.6 0.0 33.5

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 34.74 ng

RT: 13.52 min Scan# 1775

Delta R.T. -0.02 min

Lab File: BG026657.D

Acq: 19 Apr 2017 15:04

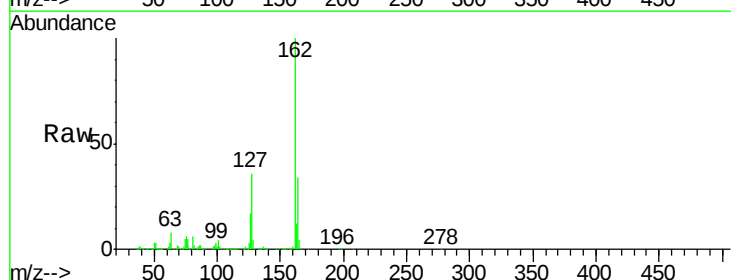
Tgt Ion:162 Resp: 925546

Ion Ratio Lower Upper

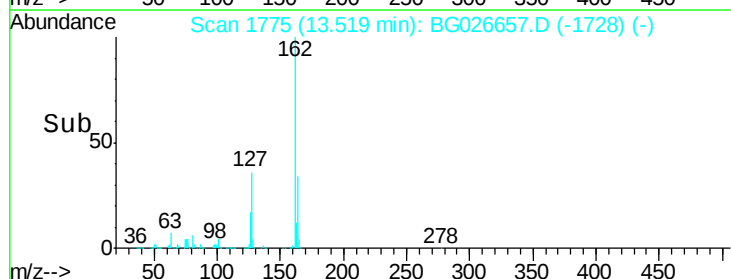
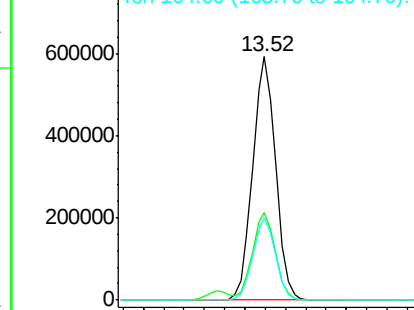
162 100

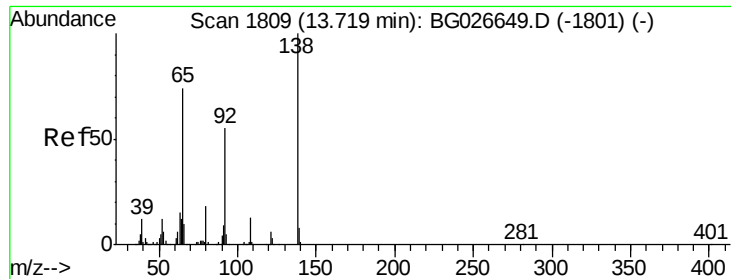
127 36.1 32.2 48.4

164 33.6 27.3 40.9



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





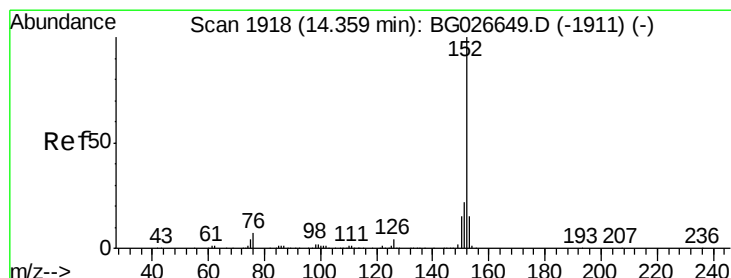
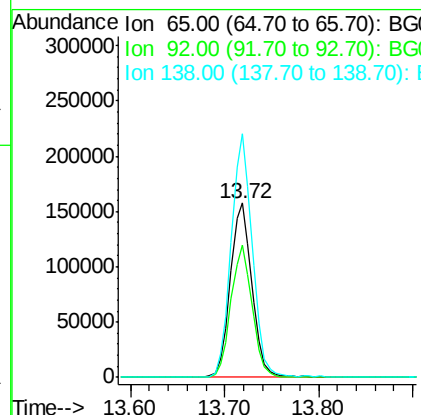
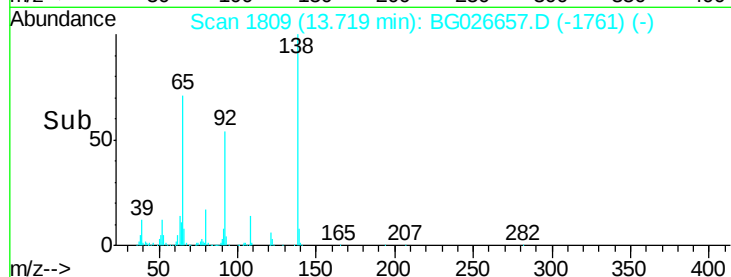
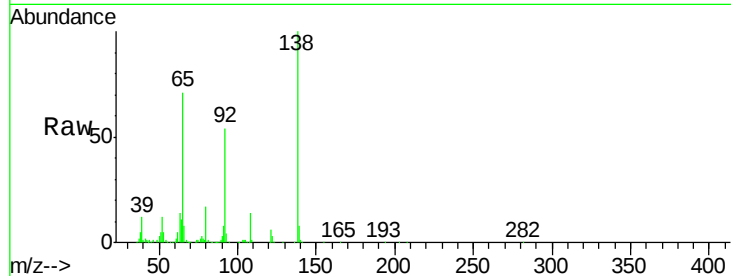
#47
2-Nitroaniline
Concen: 36.95 ng
RT: 13.72 min Scan# 1809
Delta R.T. -0.02 min
Lab File: BG026657.D
Acq: 19 Apr 2017 15:04

Instrument :
BNA_G
ClientSampleId :
PB98333BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	76.2	49.0	73.4#
138	139.9	58.6	87.8#

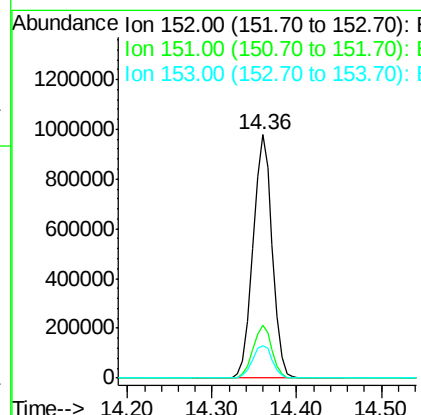
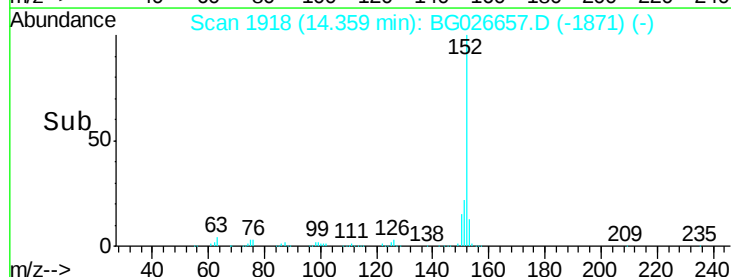
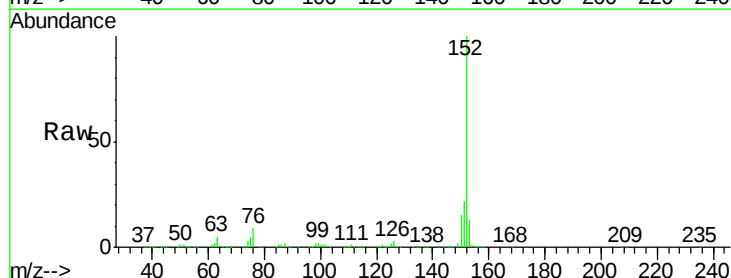
Manual Integrations
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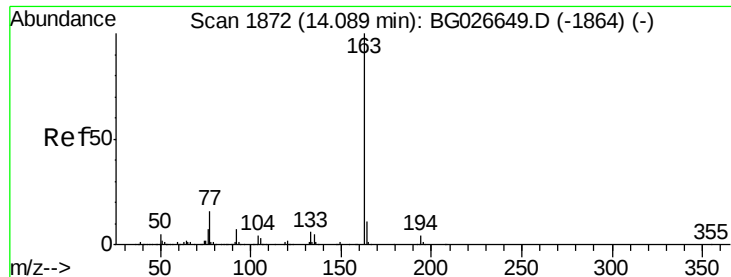
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#48
Acenaphthylene
Concen: 36.15 ng
RT: 14.36 min Scan# 1918
Delta R.T. -0.02 min
Lab File: BG026657.D
Acq: 19 Apr 2017 15:04

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.9	18.2	27.2
153	13.5	11.3	16.9





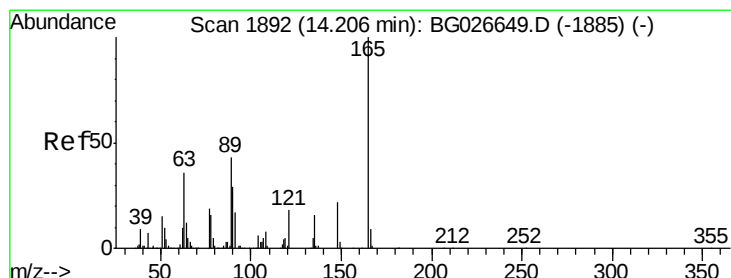
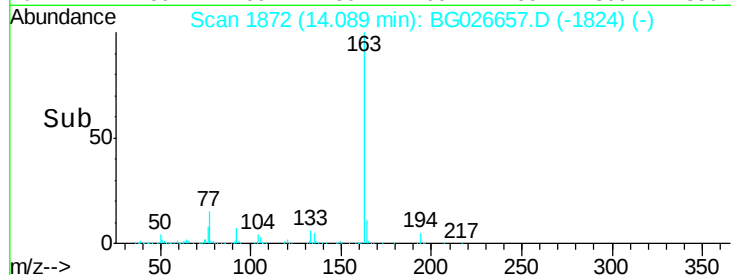
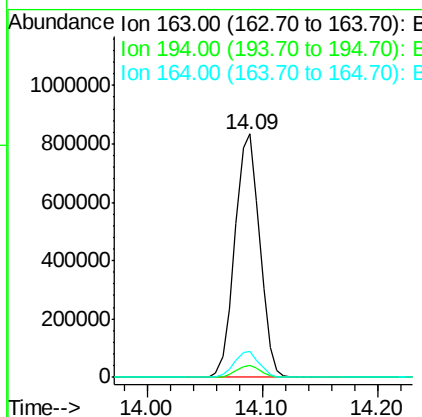
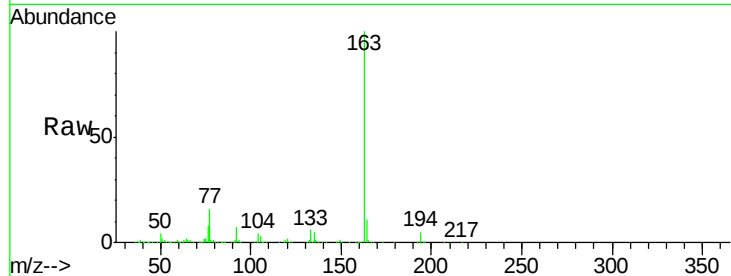
#49
Dimethylphthalate
Concen: 36.27 ng
RT: 14.09 min Scan# 1872
Delta R.T. -0.02 min
Lab File: BG026657.D
Acq: 19 Apr 2017 15:04

Instrument :
BNA_G
ClientSampleId :
PB98333BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.8	5.6
164	10.9	9.3	13.9

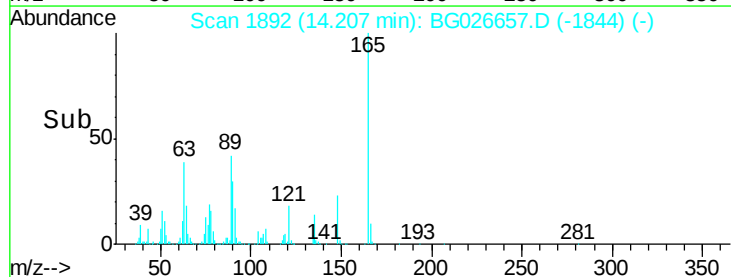
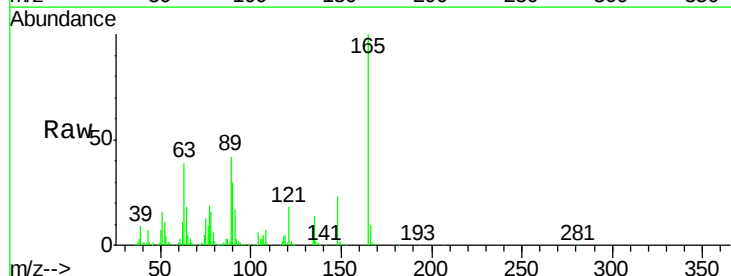
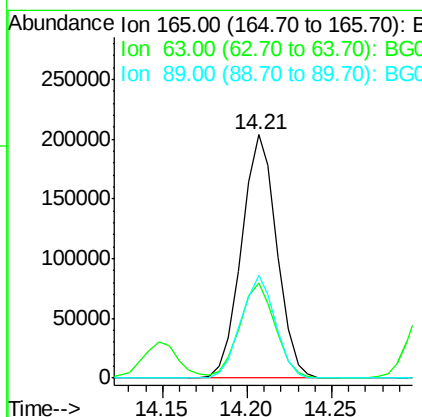
Manual Integrations
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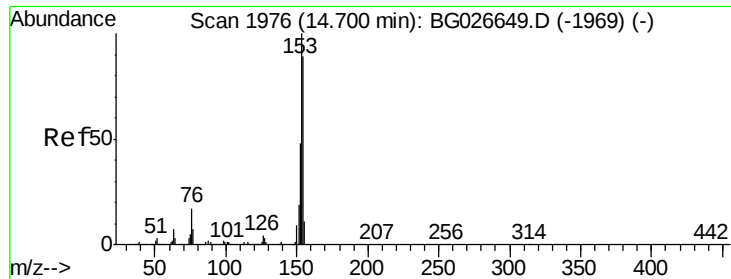
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#50
2,6-Dinitrotoluene
Concen: 36.94 ng
RT: 14.21 min Scan# 1892
Delta R.T. -0.02 min
Lab File: BG026657.D
Acq: 19 Apr 2017 15:04

Tgt Ion	Ratio	Lower	Upper
165	100		
63	38.9	63.9	95.9#
89	42.3	58.6	88.0#





#51

Acenaphthene

Concen: 35.63 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.02 min

Lab File: BG026657.D

Acq: 19 Apr 2017 15:04

Instrument :

BNA_G

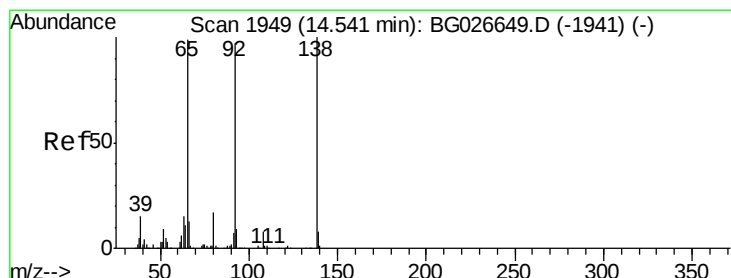
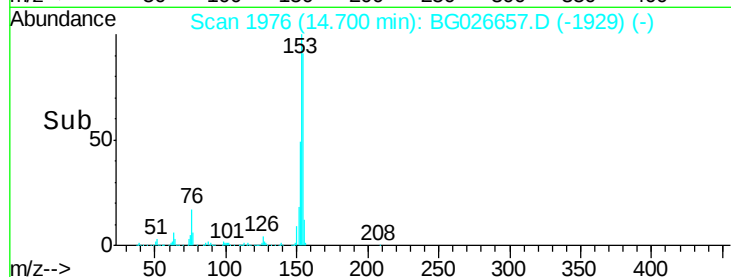
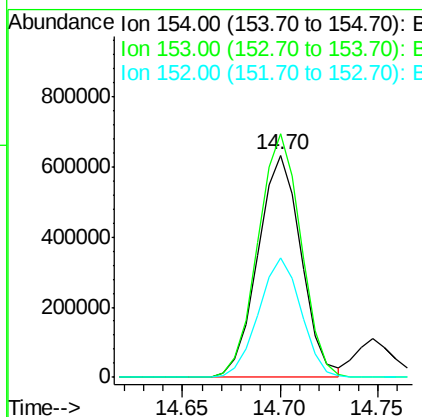
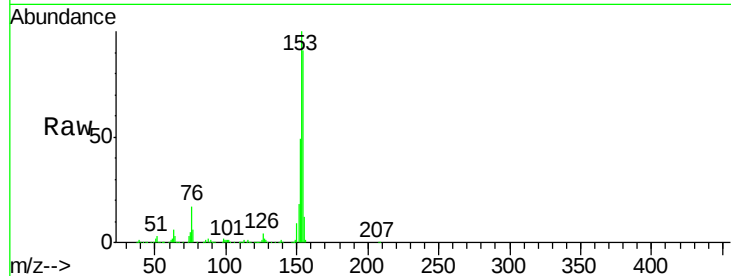
ClientSampleId :

PB98333BS

Tot Ion:	154	Resp:	971475
Ion Ratio	Lower	Upper	
154	100		
153	109.5	87.8	131.6
152	53.8	42.2	63.4

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#52

3-Nitroaniline

Concen: 19.78 ng

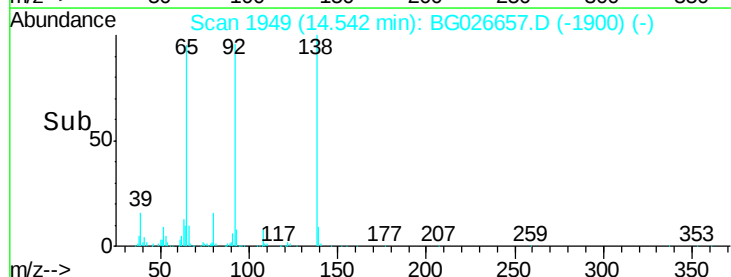
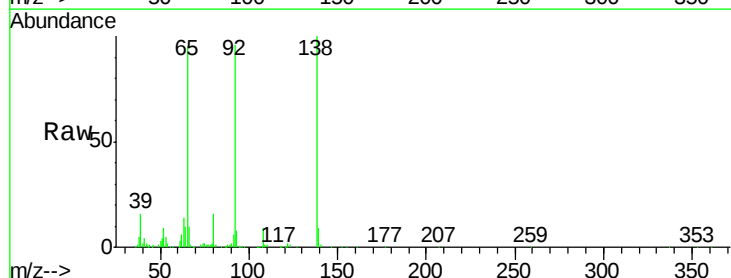
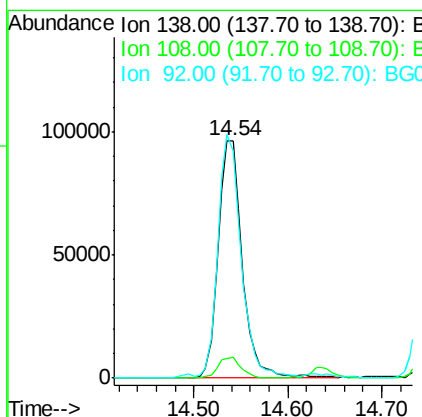
RT: 14.54 min Scan# 1949

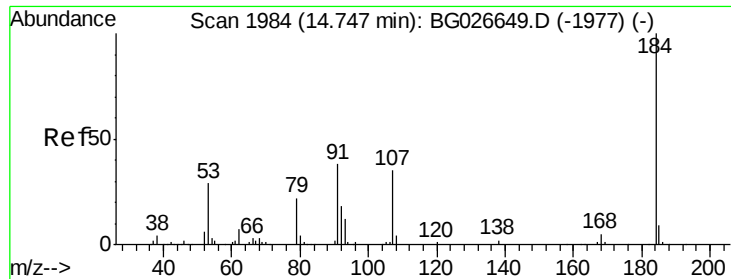
Delta R.T. -0.01 min

Lab File: BG026657.D

Acq: 19 Apr 2017 15:04

Tgt Ion:	138	Resp:	172819
Ion Ratio	Lower	Upper	
138	100		
108	8.6	10.9	16.3#
92	95.6	115.3	172.9#





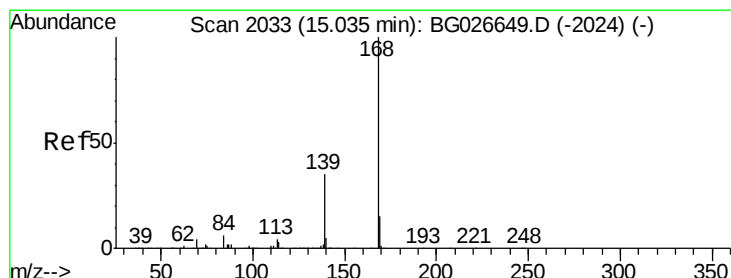
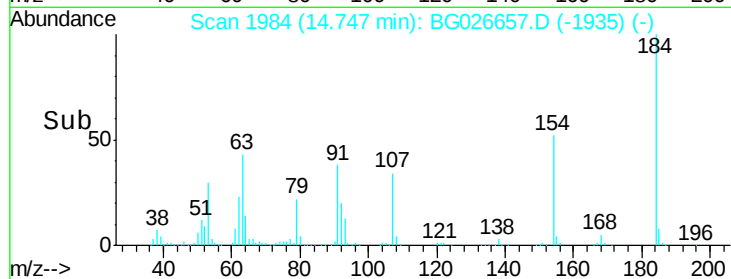
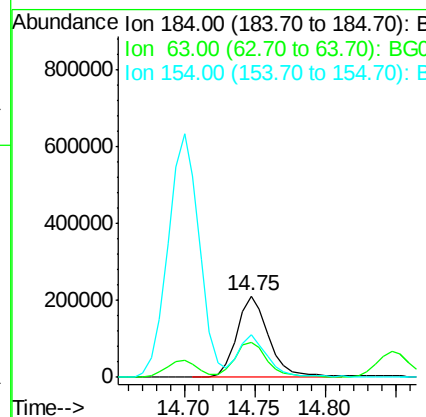
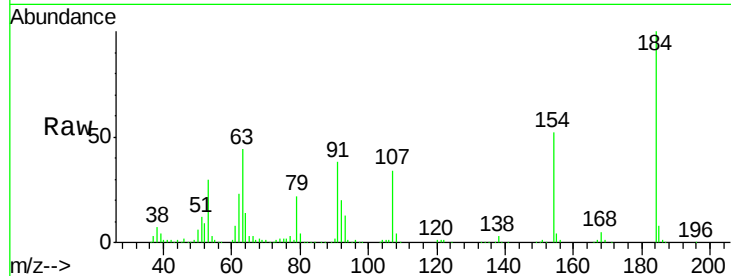
#53
2,4-Dinitrophenol
Concen: 71.15 ng
RT: 14.75 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BG026657.D
Acq: 19 Apr 2017 15:04

Instrument :
BNA_G
ClientSampleId :
PB98333BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
184	100		333209		
63	43.6	52.7	79.1#		
154	51.7	57.3	85.9#		

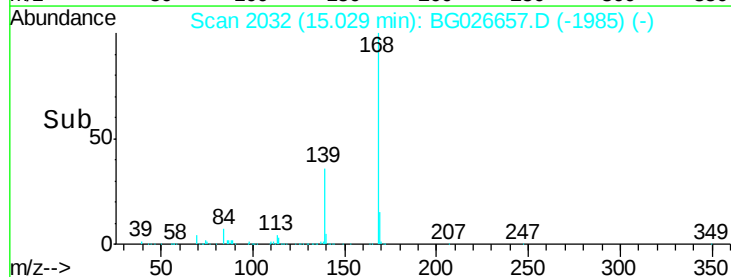
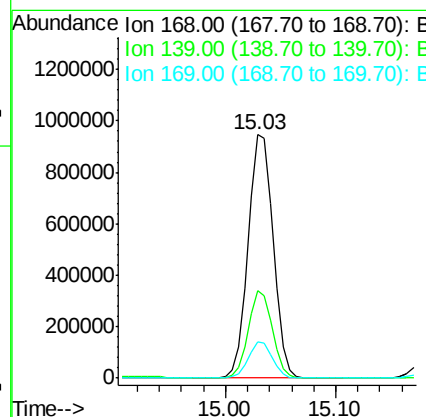
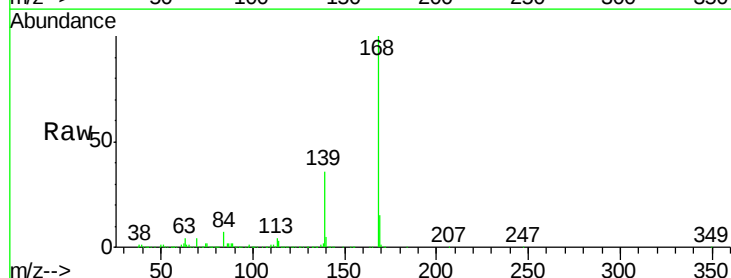
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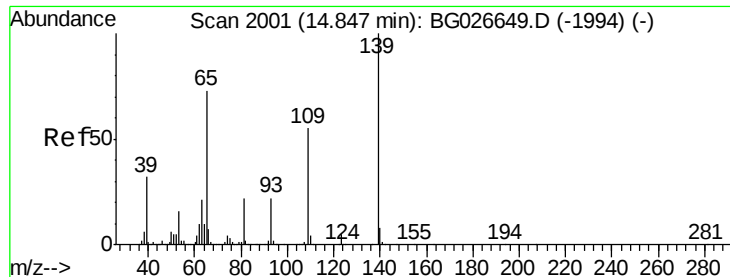
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#54
Dibenzofuran
Concen: 35.60 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.02 min
Lab File: BG026657.D
Acq: 19 Apr 2017 15:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
168	100		1513119		
139	35.8	35.3	52.9		
169	14.9	11.5	17.3		





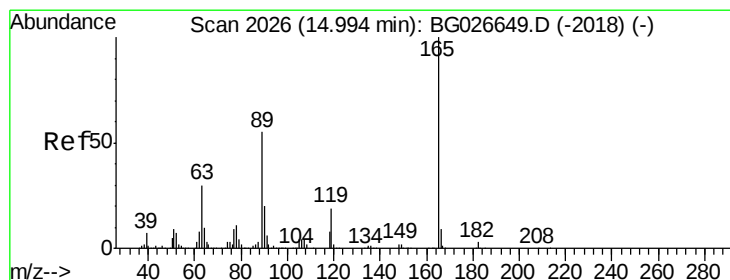
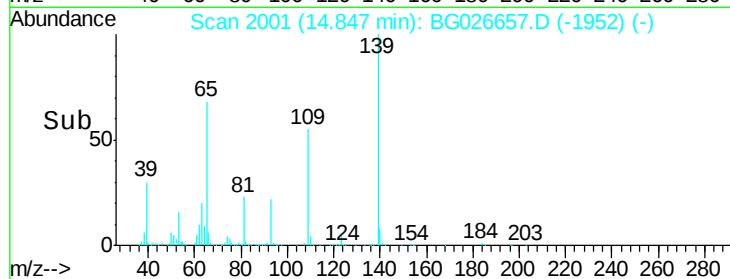
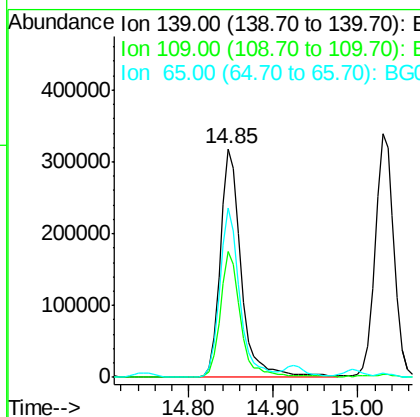
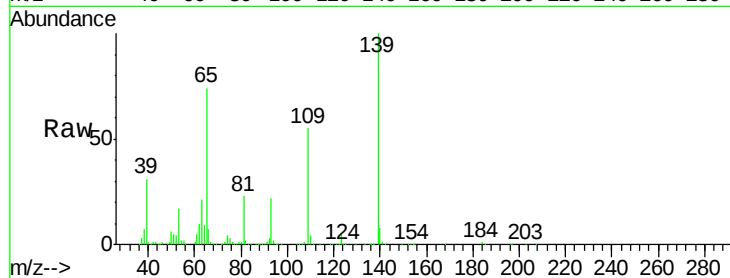
#55
4-Nitrophenol
Concen: 74.81 ng
RT: 14.85 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BG026657.D
Acq: 19 Apr 2017 15:04

Instrument :
BNA_G
ClientSampleId :
PB98333BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	55.3	101.2	141.2#	
65	74.0	135.3	175.3#	

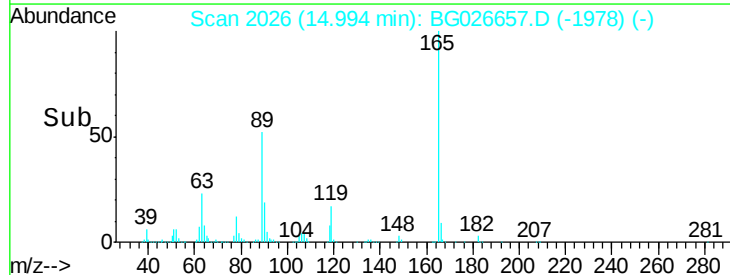
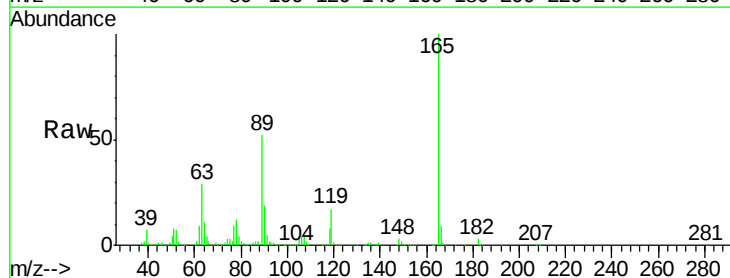
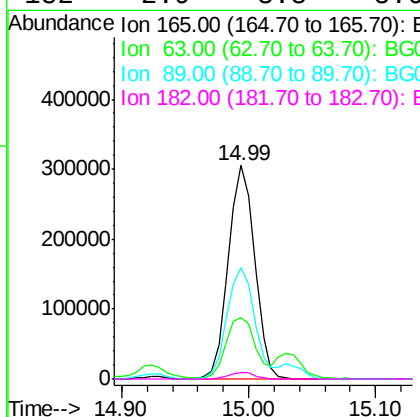
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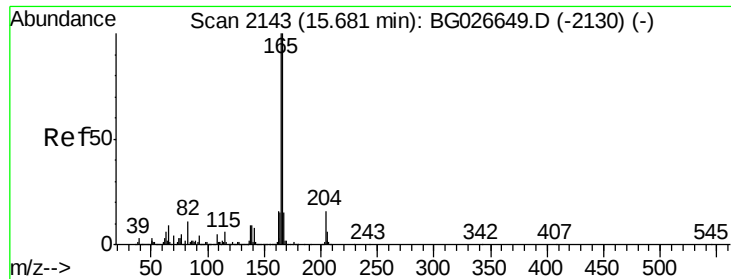
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#56
2,4-Dinitrotoluene
Concen: 38.68 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BG026657.D
Acq: 19 Apr 2017 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	28.8	44.0	66.0#	
89	52.2	67.3	100.9#	
182	2.9	3.8	5.6#	





#57

Fluorene

Concen: 36.09 ng

RT: 15.68 min Scan# 2143

Delta R.T. -0.02 min

Lab File: BG026657.D

Acq: 19 Apr 2017 15:04

Instrument :

BNA_G

ClientSampleId :

PB98333BS

Tot Ion:166 Resp: 1262868

Ion Ratio Lower Upper

166 100

165 99.7 78.6 117.8

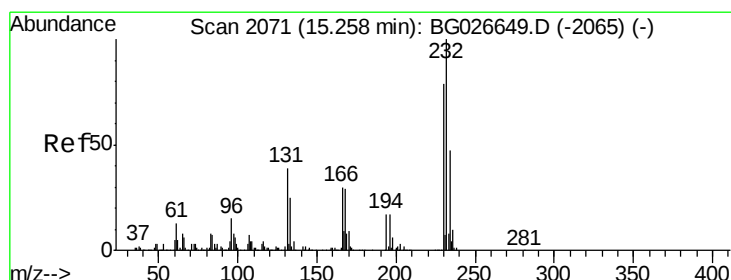
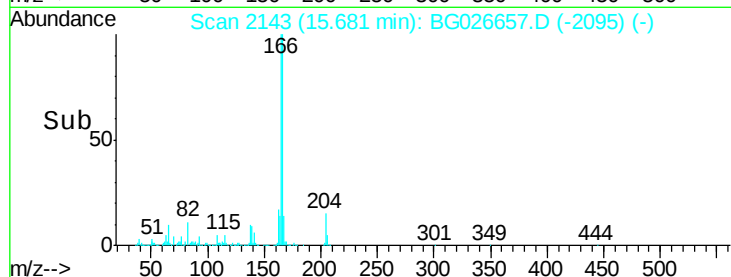
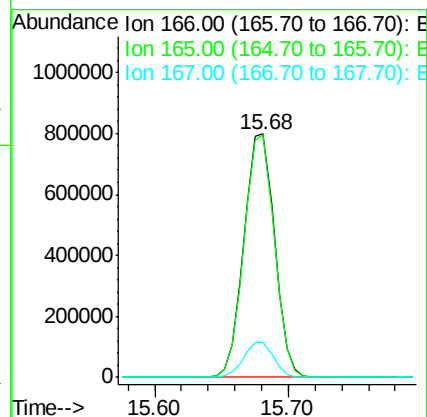
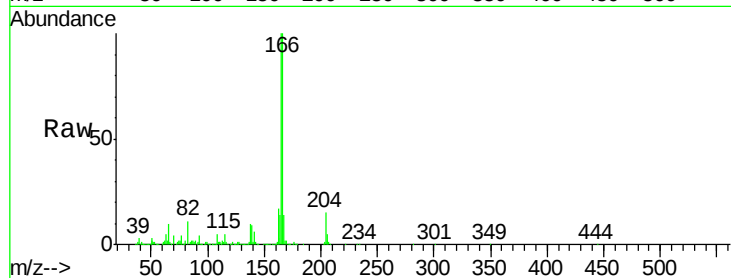
167 14.2 11.6 17.4

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#58

2,3,4,6-Tetrachlorophenol

Concen: 36.18 ng

RT: 15.26 min Scan# 2071

Delta R.T. -0.02 min

Lab File: BG026657.D

Acq: 19 Apr 2017 15:04

Tgt Ion:232 Resp: 369236

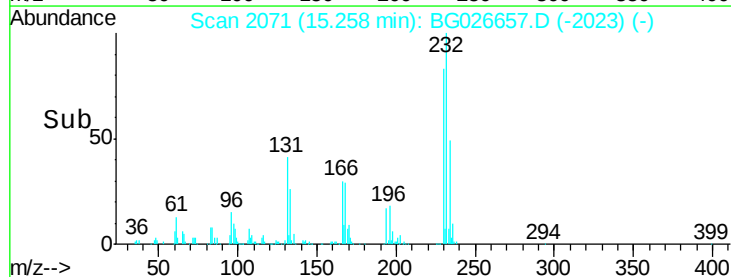
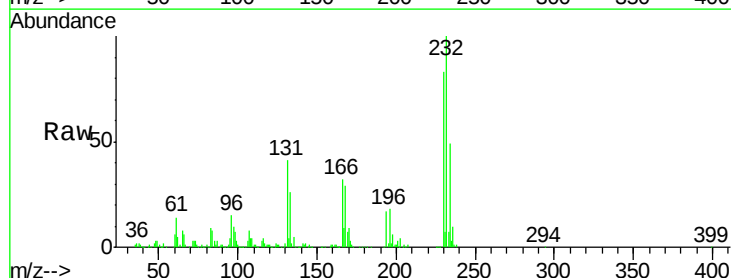
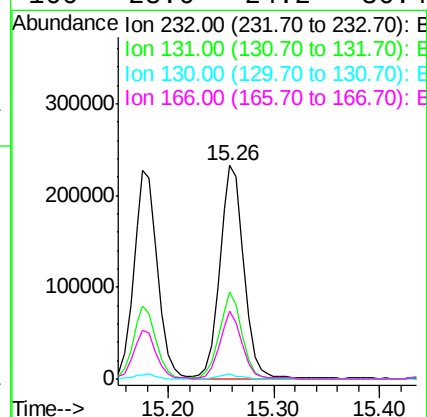
Ion Ratio Lower Upper

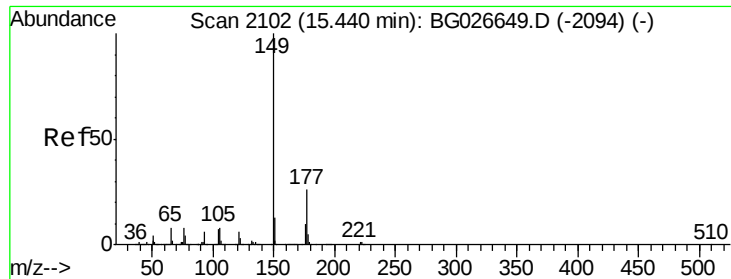
232 100

131 39.0 34.9 52.3

130 2.0 2.3 3.5#

166 28.6 24.2 36.4





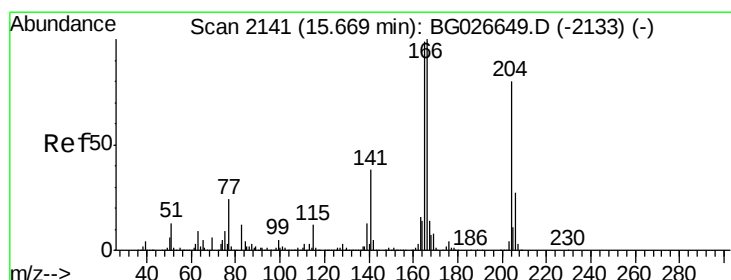
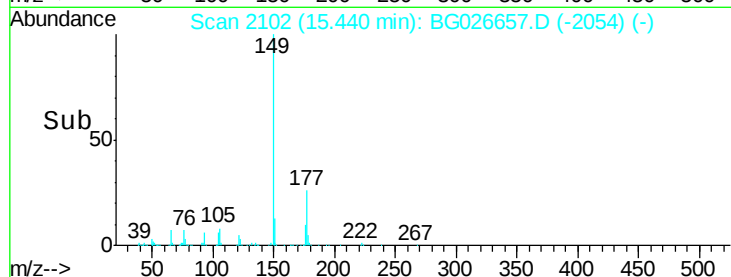
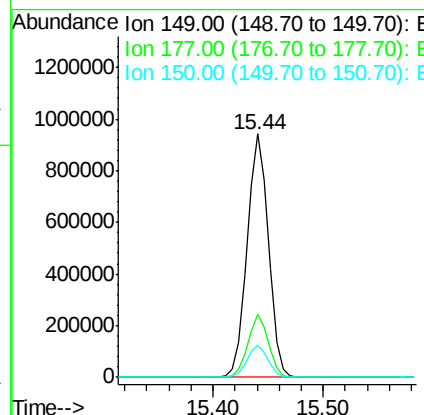
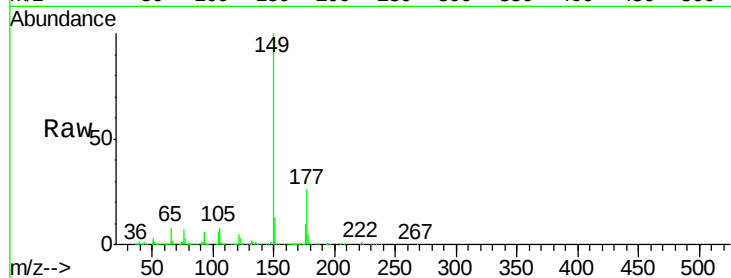
#59
Diethylphthalate
Concen: 36.65 ng
RT: 15.44 min Scan# 2102
Delta R.T. -0.02 min
Lab File: BG026657.D
Acq: 19 Apr 2017 15:04

Instrument :
BNA_G
ClientSampleId :
PB98333BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	25.8	20.1	30.1
150	13.4	10.2	15.2

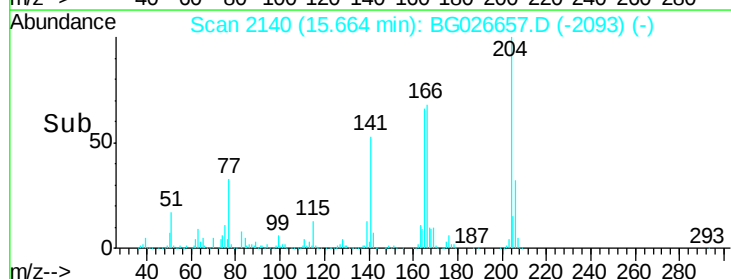
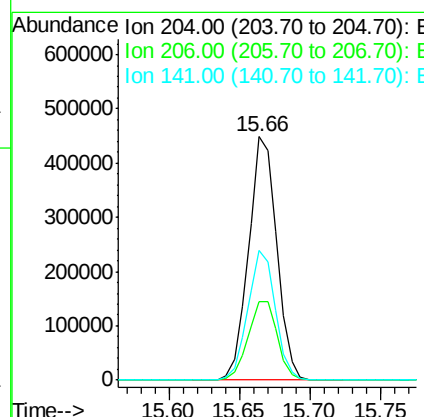
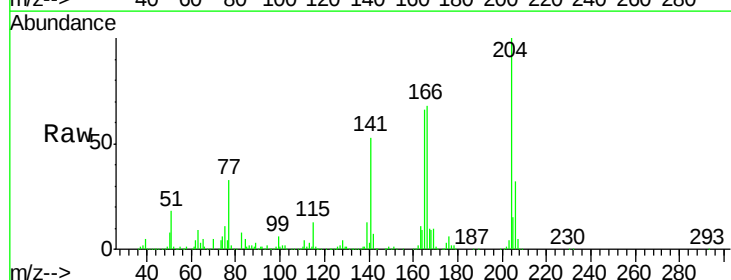
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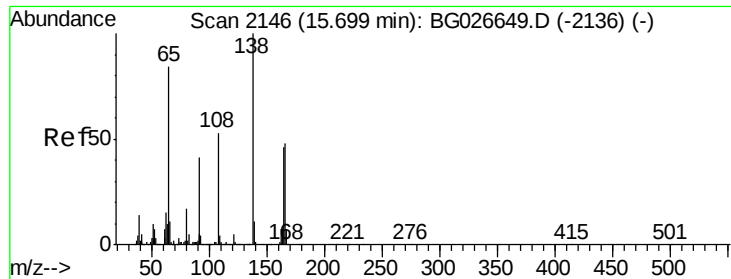
mohammad
4/20/2017 1:54:20 PM



#60
4-Chlorophenyl-phenylether
Concen: 36.00 ng
RT: 15.66 min Scan# 2140
Delta R.T. -0.02 min
Lab File: BG026657.D
Acq: 19 Apr 2017 15:04

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.5	30.1	45.1
141	53.2	50.6	76.0





#61

4-Nitroaniline

Concen: 36.91 ng

RT: 15.70 min Scan# 2146

Delta R.T. -0.01 min

Lab File: BG026657.D

Acq: 19 Apr 2017 15:04

Instrument :

BNA_G

ClientSampleId :

PB98333BS

Tot Ion: 138 Resp: 343818

Ion Ratio Lower Upper

138 100

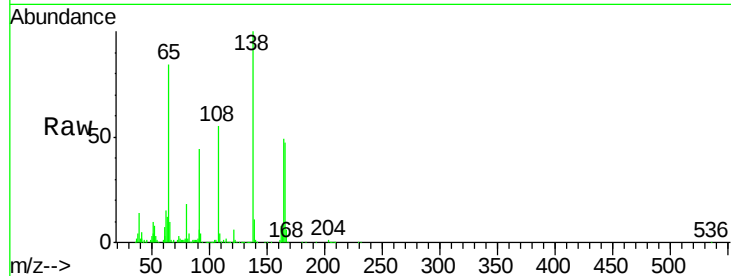
92 43.8 44.2 84.2#

108 55.3 104.8 144.8#

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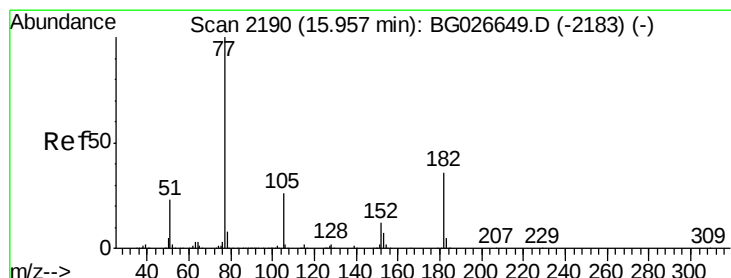
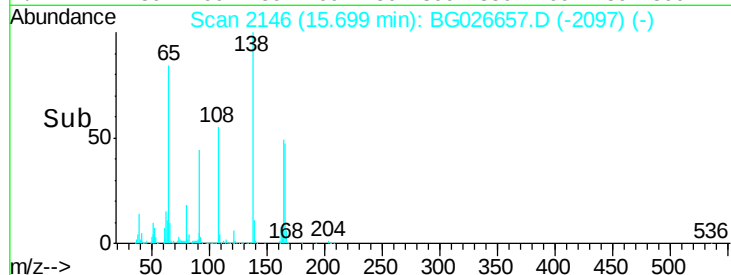
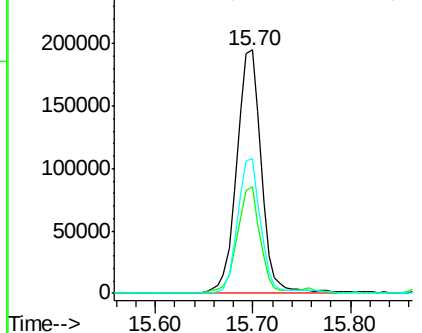
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 36.86 ng

RT: 15.96 min Scan# 2190

Delta R.T. -0.02 min

Lab File: BG026657.D

Acq: 19 Apr 2017 15:04

Tgt Ion: 77 Resp: 990364

Ion Ratio Lower Upper

77 100

182 36.2 4.7 44.7

105 25.8 0.0 36.3

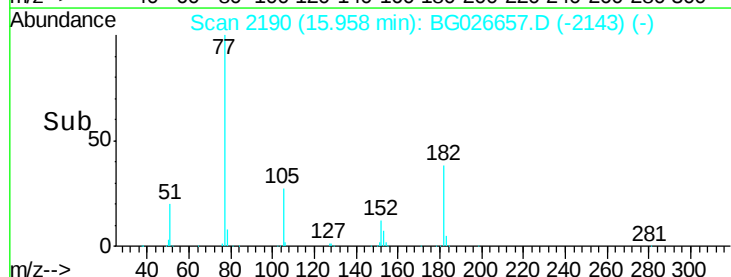
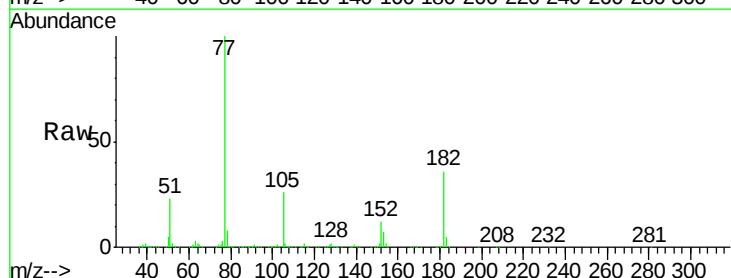
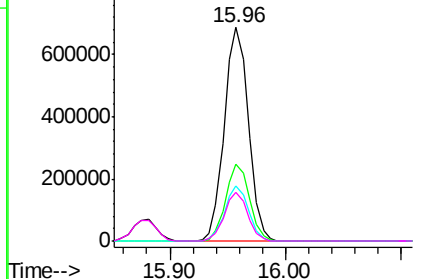
51 23.0 16.4 56.4

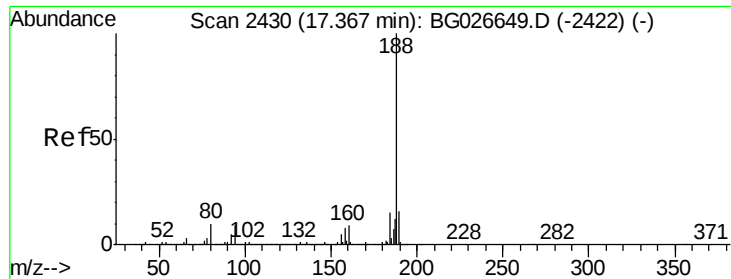
Abundance Ion 77.00 (76.70 to 77.70): BGC

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): BGC





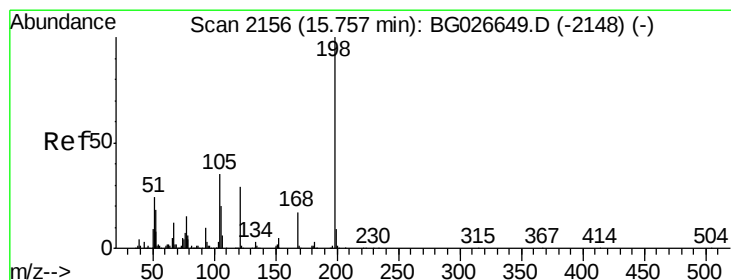
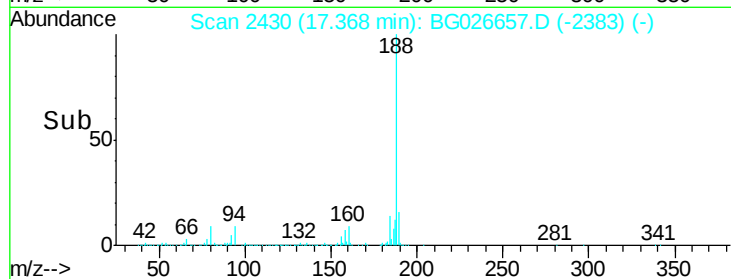
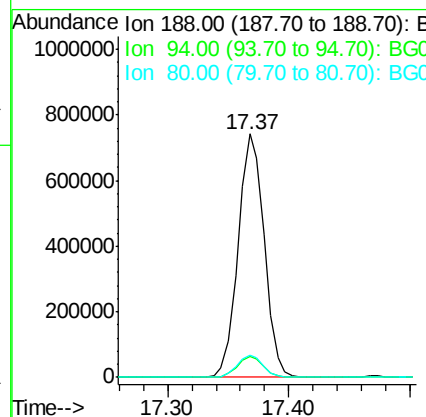
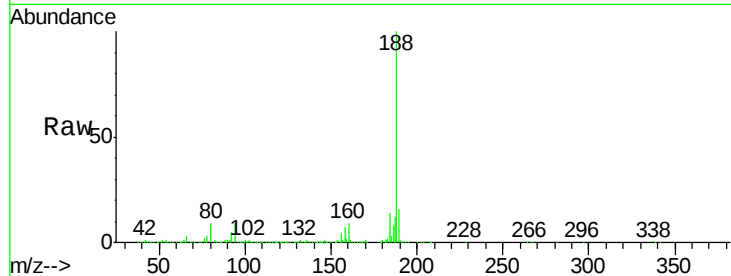
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2430
Delta R.T. -0.02 min
Lab File: BG026657.D
Acq: 19 Apr 2017 15:04

Instrument :
BNA_G
ClientSampleId :
PB98333BS

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.7	5.8	8.8
80	9.0	7.5	11.3

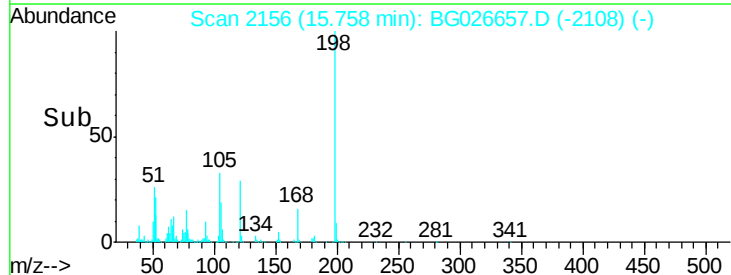
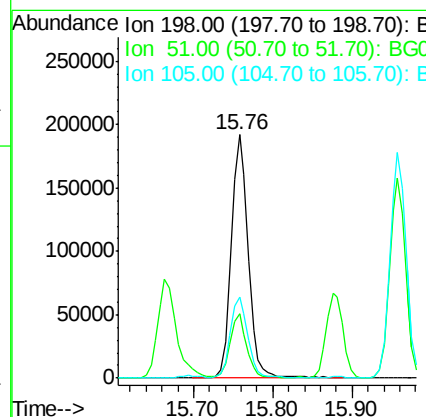
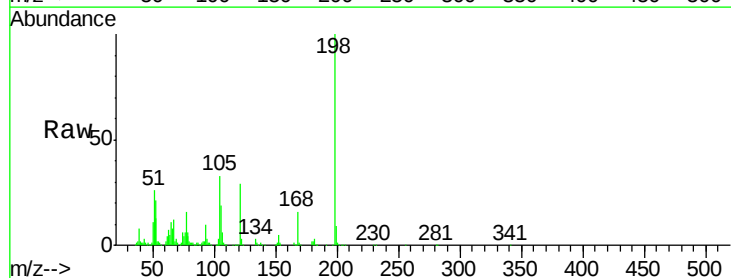
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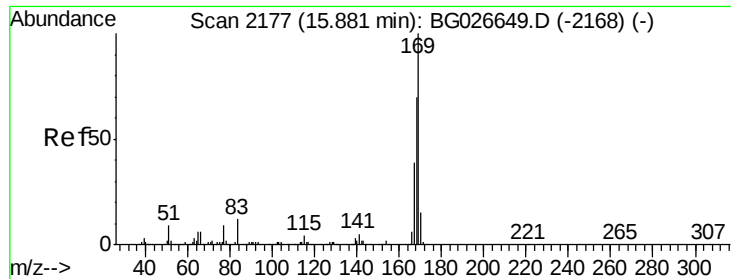
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 37.54 ng
RT: 15.76 min Scan# 2156
Delta R.T. -0.02 min
Lab File: BG026657.D
Acq: 19 Apr 2017 15:04

Tgt Ion	Ratio	Lower	Upper
198	100		
51	26.2	22.6	62.6
105	33.4	14.4	54.4





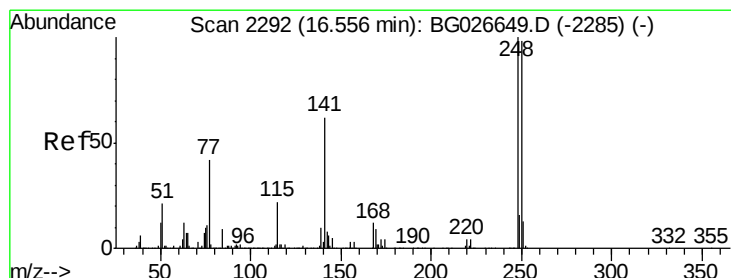
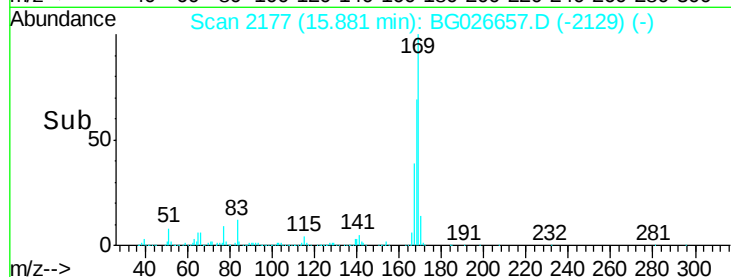
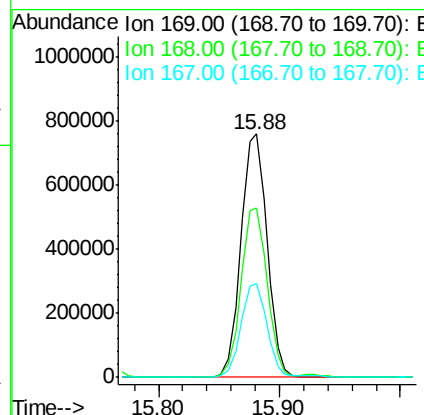
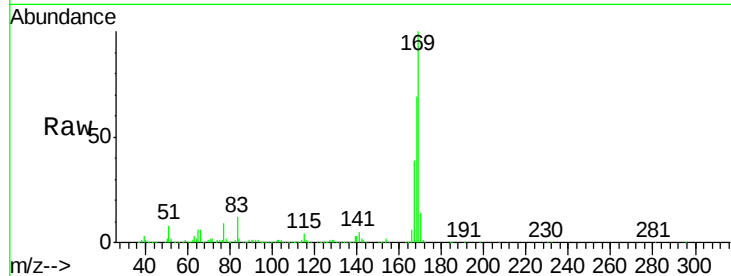
#65
 n-Nitrosodiphenylamine
 Concen: 35.73 ng
 RT: 15.88 min Scan# 2177
 Delta R.T. -0.02 min
 Lab File: BG026657.D
 Acq: 19 Apr 2017 15:04

Instrument :
 BNA_G
 ClientSampleId :
 PB98333BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	69.4	55.7	83.5
167	38.6	29.8	44.6

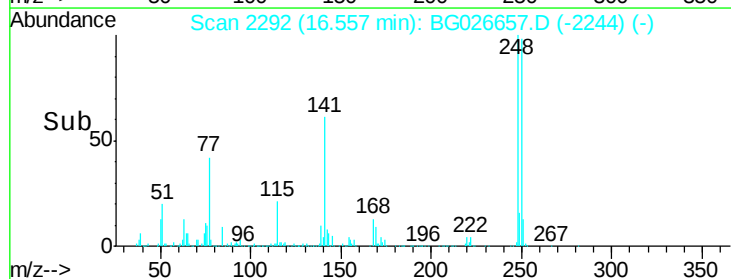
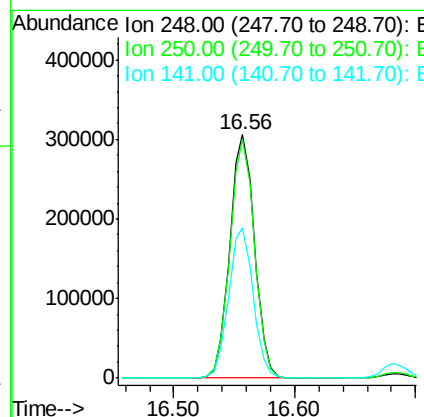
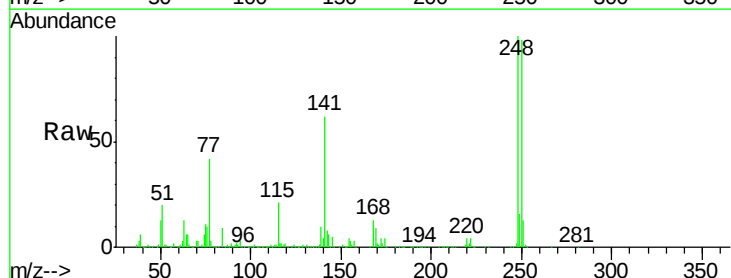
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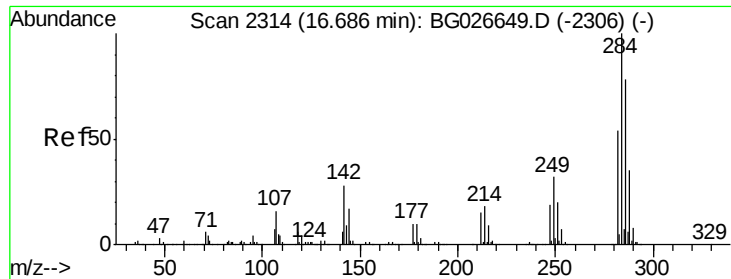
mohammad
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#66
 4-Bromophenyl-phenylether
 Concen: 35.52 ng
 RT: 16.56 min Scan# 2292
 Delta R.T. -0.02 min
 Lab File: BG026657.D
 Acq: 19 Apr 2017 15:04

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.8	75.0	112.6
141	61.5	55.2	82.8





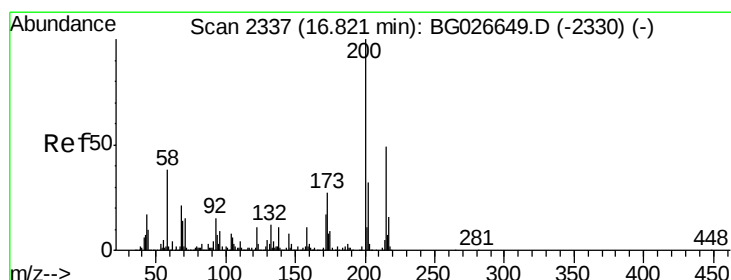
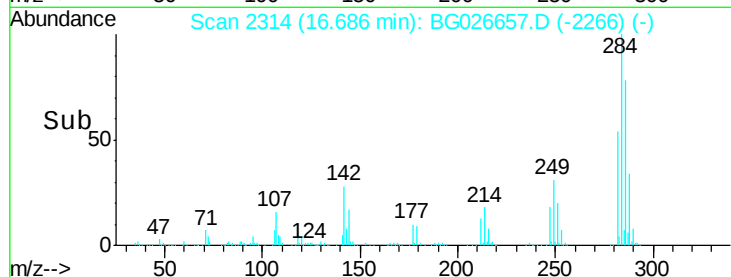
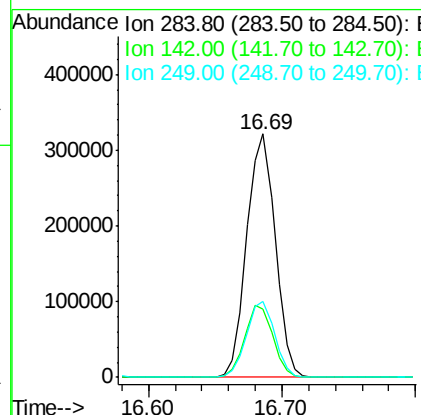
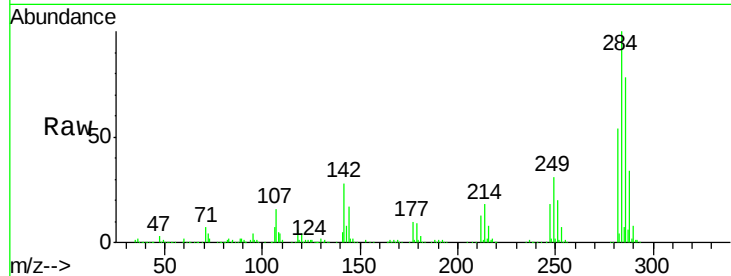
#67
Hexachlorobenzene
Concen: 35.22 ng
RT: 16.69 min Scan# 2314
Delta R.T. -0.02 min
Lab File: BG026657.D
Acq: 19 Apr 2017 15:04

Instrument :
BNA_G
ClientSampleId :
PB98333BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	472581		
142	27.9		29.9	44.9#
249	30.9		29.2	43.8

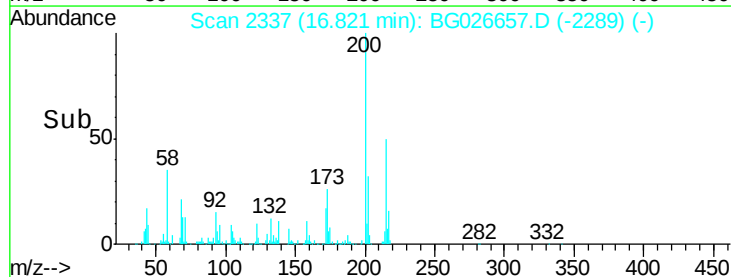
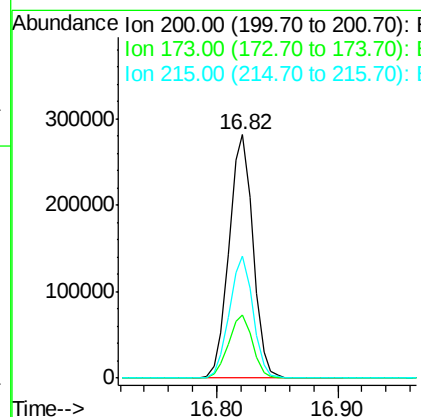
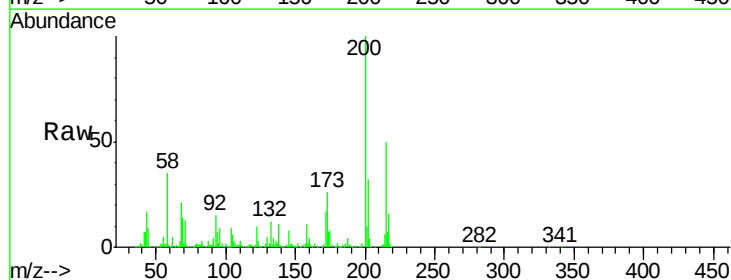
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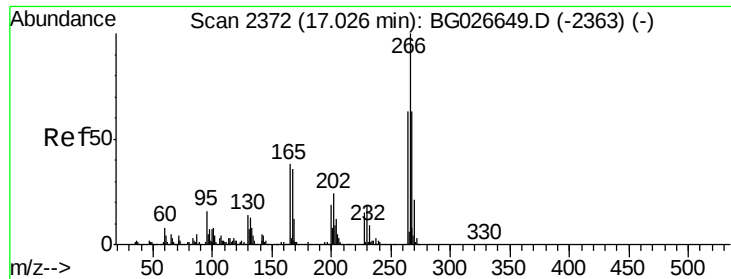
mohammad
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#68
Atrazine
Concen: 30.65 ng
RT: 16.82 min Scan# 2337
Delta R.T. -0.02 min
Lab File: BG026657.D
Acq: 19 Apr 2017 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	386169		
173	25.9		3.0	43.0
215	50.1		28.4	68.4





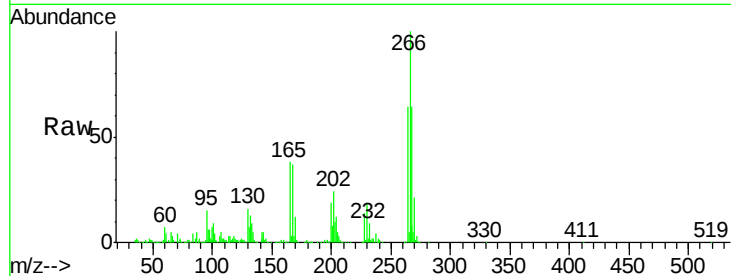
#69
 Pentachlorophenol
 Concen: 72.17 ng
 RT: 17.03 min Scan# 2372
 Delta R.T. -0.02 min
 Lab File: BG026657.D
 Acq: 19 Apr 2017 15:04

Instrument :
 BNA_G
 ClientSampleId :
 PB98333BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	585007		
268	64.0		48.6	72.8
264	64.5		50.1	75.1

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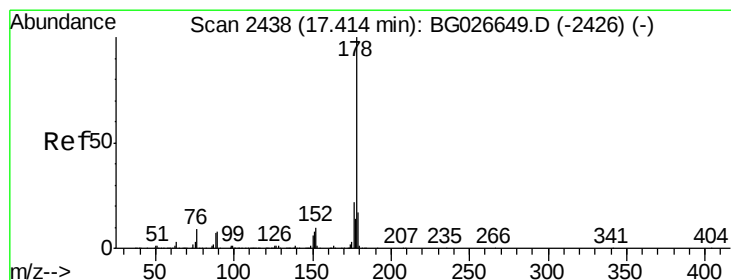
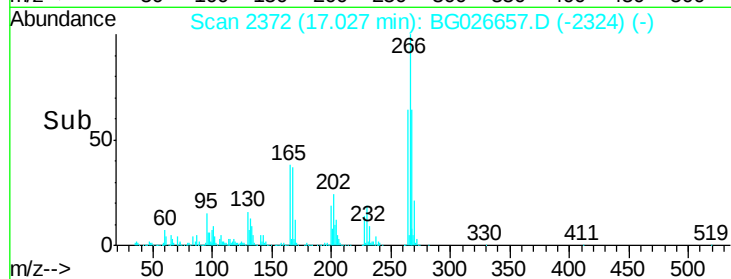
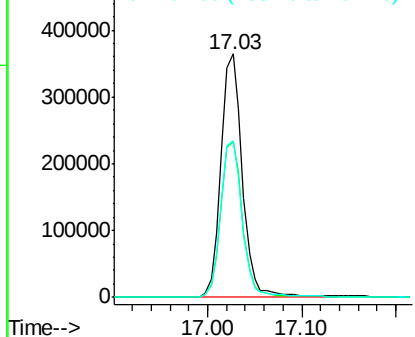


Abundance

Ion 265.70 (265.40 to 266.40): E

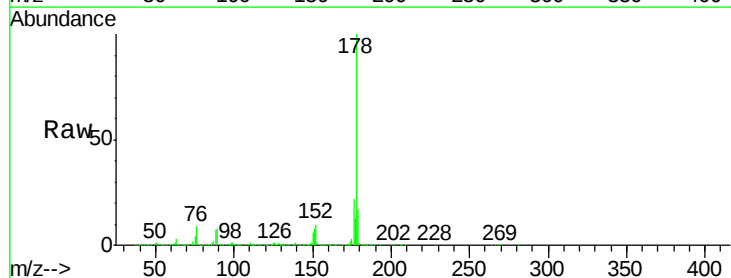
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 35.83 ng
 RT: 17.41 min Scan# 2437
 Delta R.T. -0.02 min
 Lab File: BG026657.D
 Acq: 19 Apr 2017 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2060761		
176	21.9		17.7	26.5
179	17.2		15.0	22.6

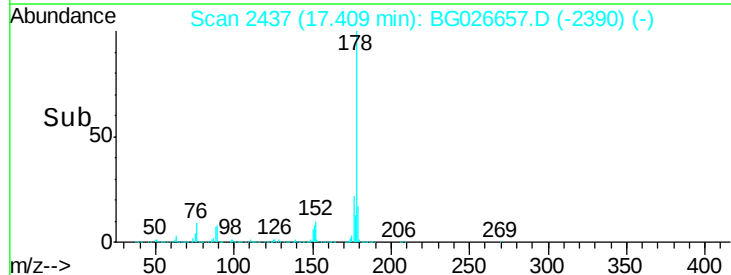
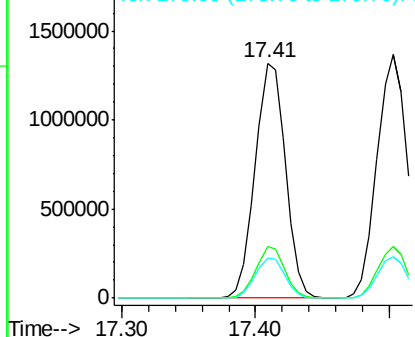


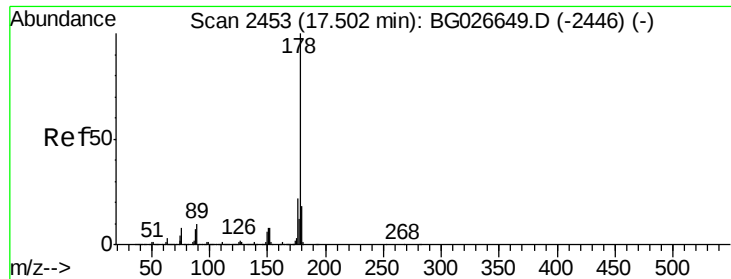
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





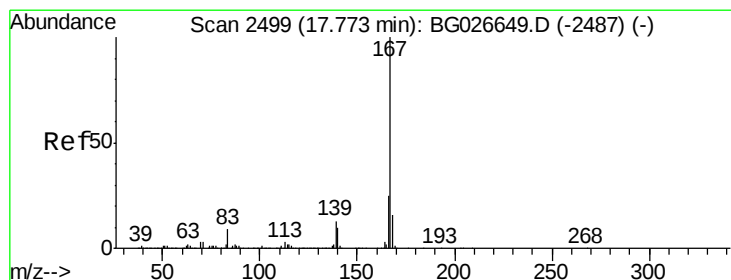
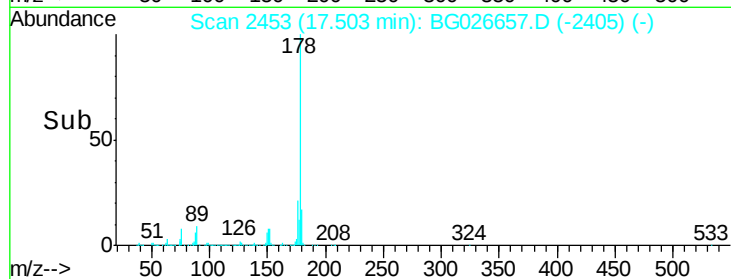
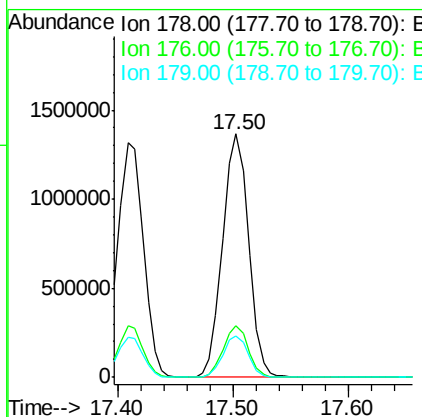
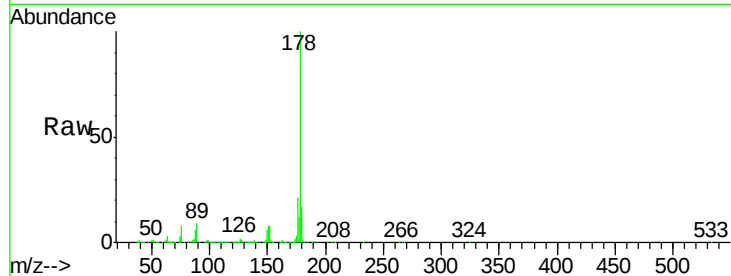
#71
 Anthracene
 Concen: 35.95 ng
 RT: 17.50 min Scan# 2453
 Delta R.T. -0.02 min
 Lab File: BG026657.D
 Acq: 19 Apr 2017 15:04

Instrument :
 BNA_G
 ClientSampleId :
 PB98333BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.3	16.4	24.6
179	17.0	13.8	20.8

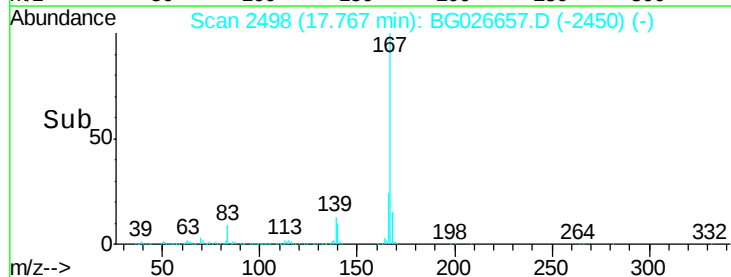
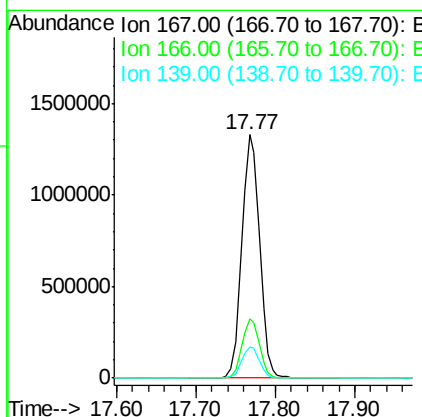
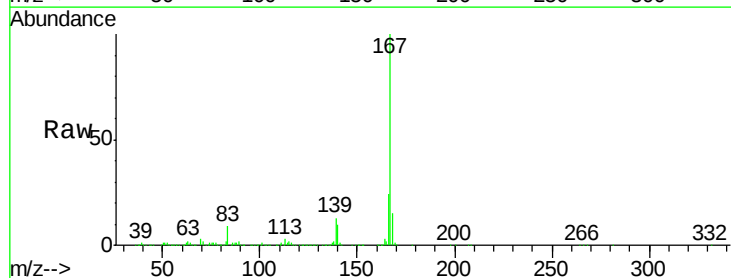
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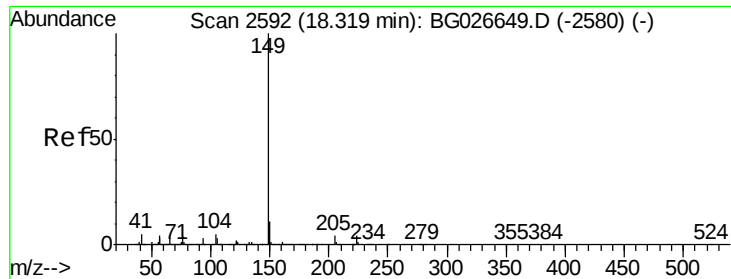
mohammad
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#72
 Carbazole
 Concen: 36.22 ng
 RT: 17.77 min Scan# 2498
 Delta R.T. -0.02 min
 Lab File: BG026657.D
 Acq: 19 Apr 2017 15:04

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.5	20.2	30.2
139	12.9	12.8	19.2





#73

Di-n-butylphthalate

Concen: 36.01 ng

RT: 18.32 min Scan# 2592

Delta R.T. -0.02 min

Lab File: BG026657.D

Acq: 19 Apr 2017 15:04

Instrument :

BNA_G

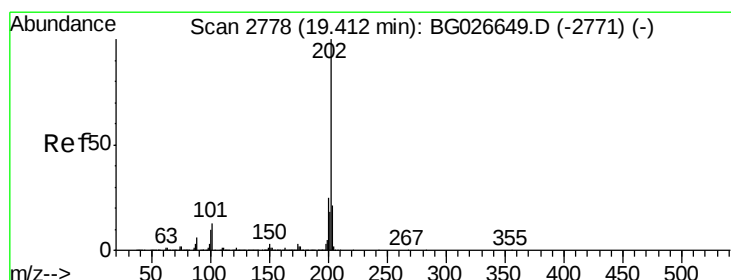
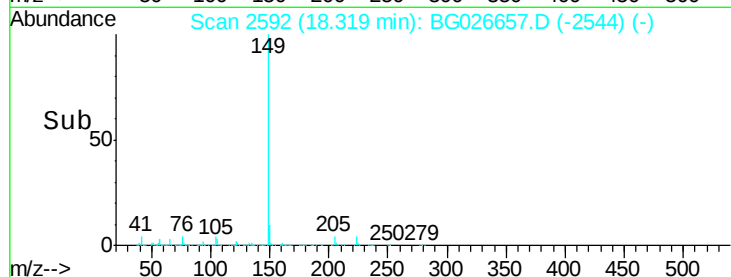
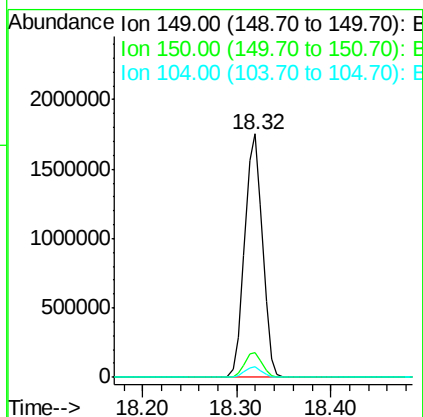
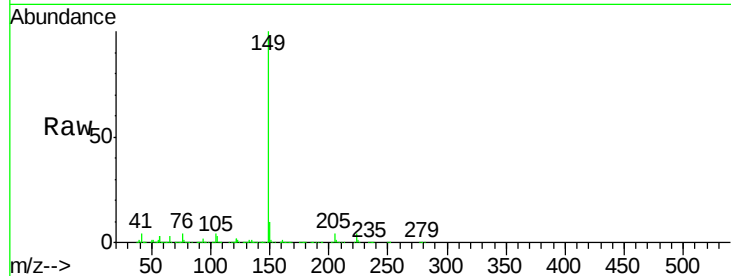
ClientSampleId :

PB98333BS

Tot Ion:	149	Resp:	2298197
Ion	Ratio	Lower	Upper
149	100		
150	10.4	9.1	13.7
104	4.4	6.7	10.1

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#74

Fluoranthene

Concen: 37.03 ng

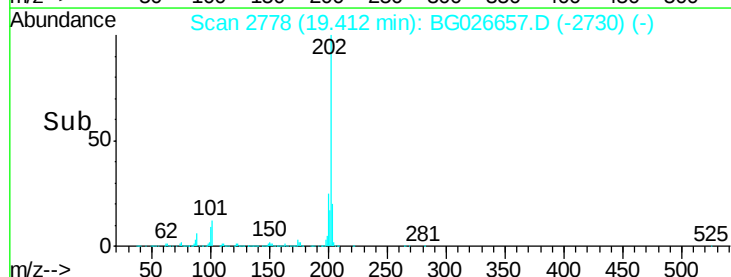
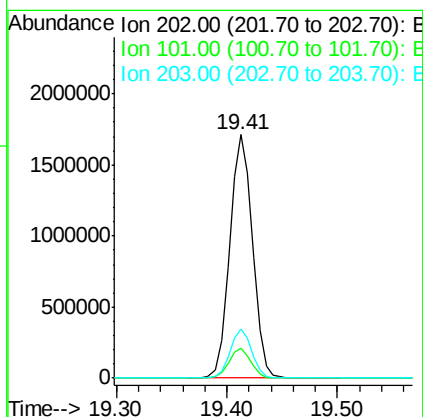
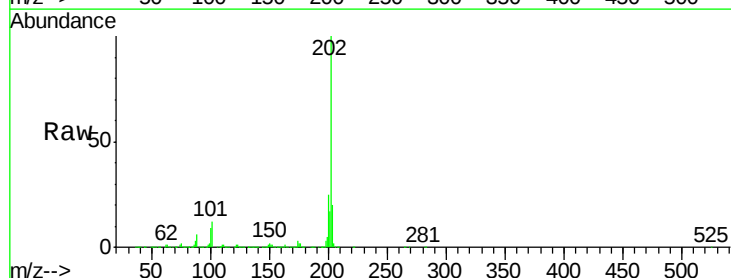
RT: 19.41 min Scan# 2778

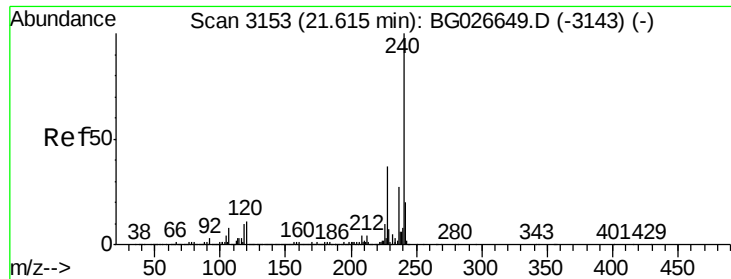
Delta R.T. -0.02 min

Lab File: BG026657.D

Acq: 19 Apr 2017 15:04

Tgt Ion:	202	Resp:	2468734
Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	30.1
203	20.4	1.3	41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.62 min Scan# 3153

Delta R.T. -0.02 min

Lab File: BG026657.D

Acq: 19 Apr 2017 15:04

Instrument :

BNA_G

ClientSampleId :

PB98333BS

Tot Ion:240 Resp: 1242155

Ion Ratio Lower Upper

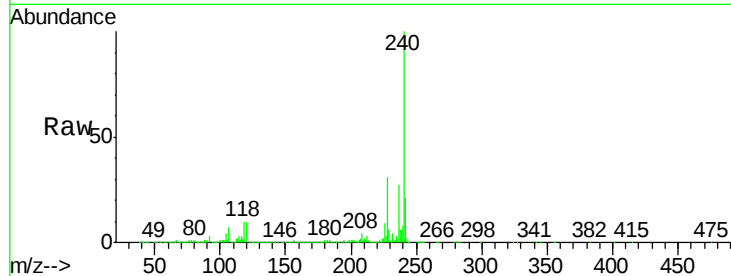
240 100

120 10.2 5.7 8.5#

236 26.6 22.2 33.4

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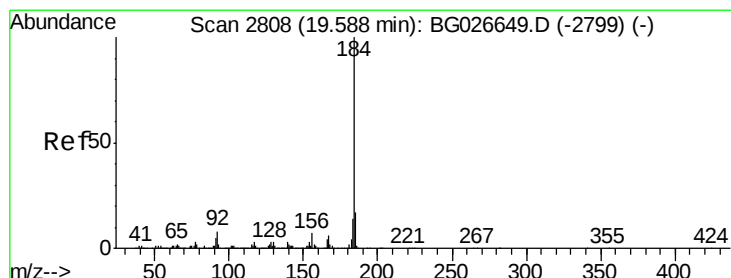
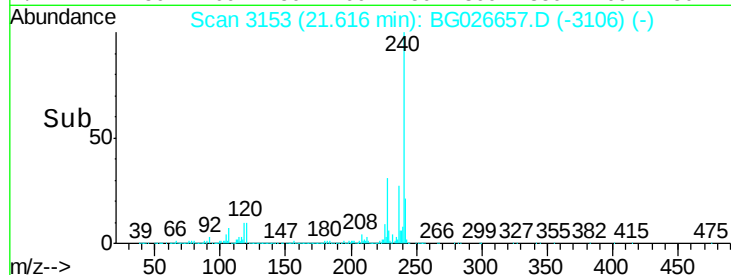
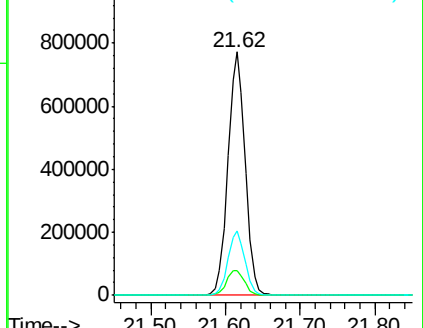
mohammad
4/20/2017 1:54:20 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 15.34 ng

RT: 19.59 min Scan# 2809

Delta R.T. -0.01 min

Lab File: BG026657.D

Acq: 19 Apr 2017 15:04

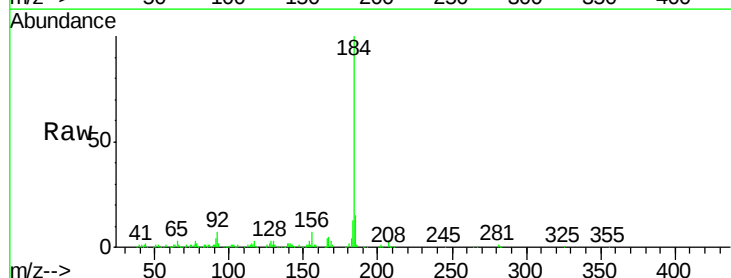
Tgt Ion:184 Resp: 424452

Ion Ratio Lower Upper

184 100

185 14.7 13.0 19.6

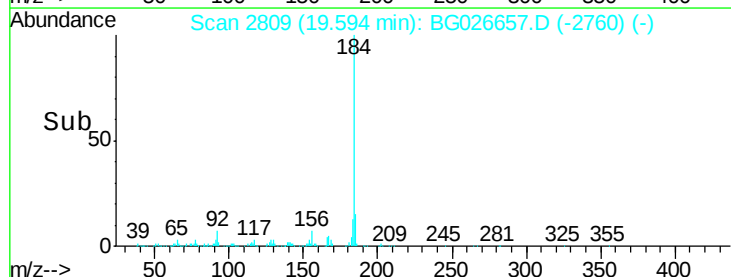
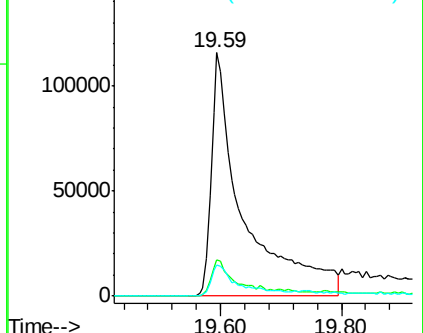
183 12.6 11.0 16.6

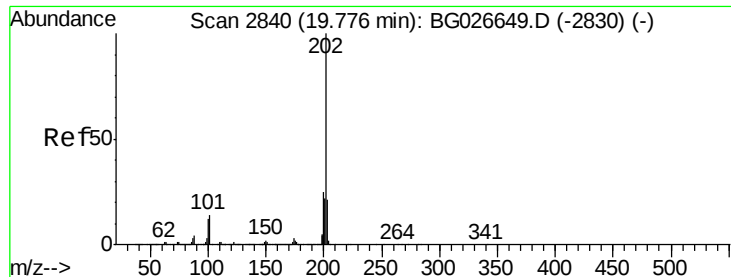


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.36 ng

RT: 19.77 min Scan# 2839

Delta R.T. -0.02 min

Lab File: BG026657.D

Acq: 19 Apr 2017 15:04

Instrument :

BNA_G

ClientSampleId :

PB98333BS

Tot Ion:202 Resp: 2498255

Ion Ratio Lower Upper

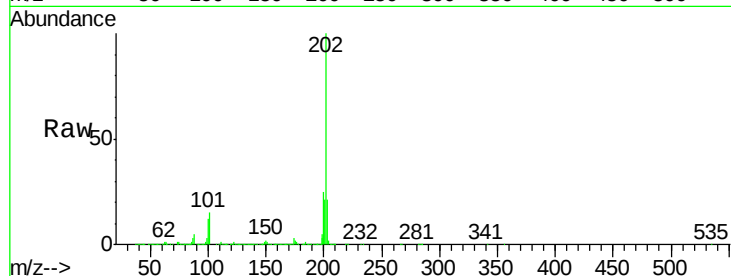
202 100

200 24.9 19.6 29.4

203 20.9 15.8 23.8

Manual Integrations
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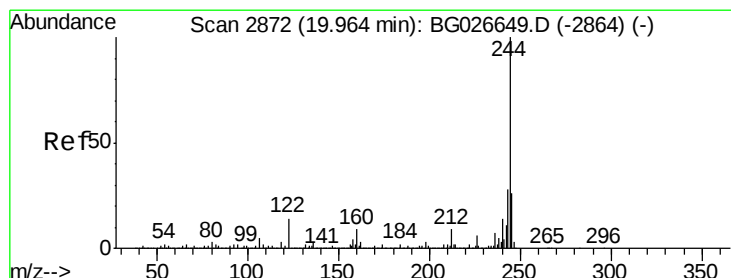
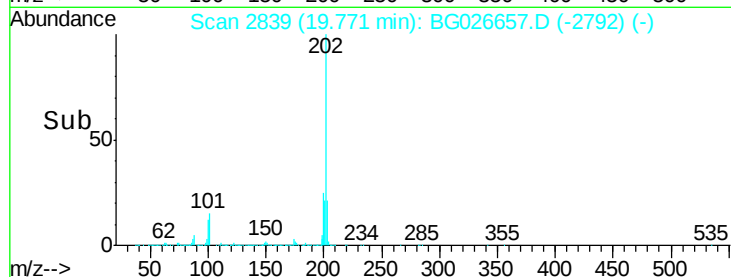
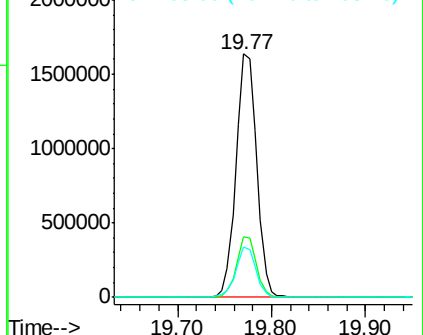
mohammad
4/20/2017 1:54:20 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 76.71 ng

RT: 19.96 min Scan# 2872

Delta R.T. -0.02 min

Lab File: BG026657.D

Acq: 19 Apr 2017 15:04

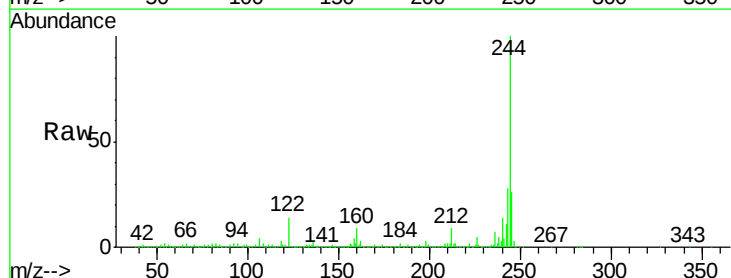
Tgt Ion:244 Resp: 3227709

Ion Ratio Lower Upper

244 100

212 9.3 10.0 15.0#

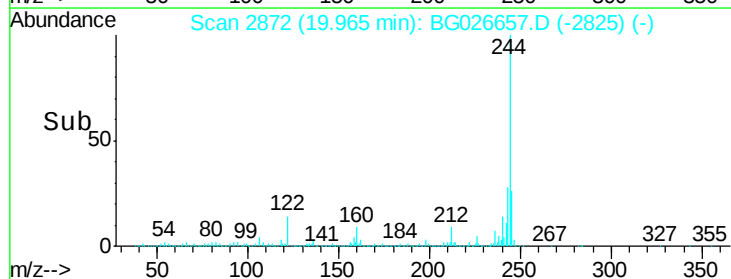
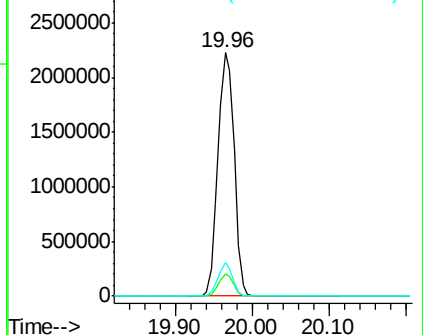
122 13.7 8.6 12.8#

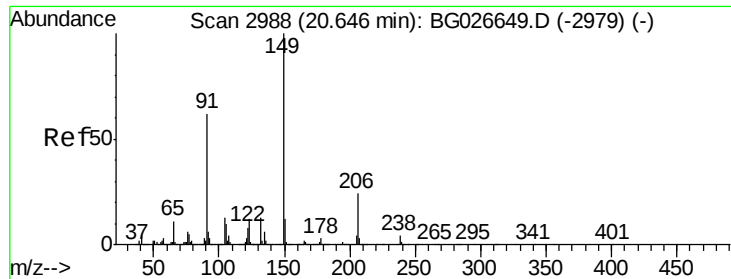


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 36.15 ng

RT: 20.65 min Scan# 2988

Delta R.T. -0.02 min

Lab File: BG026657.D

Acq: 19 Apr 2017 15:04

Instrument :

BNA_G

ClientSampleId :

PB98333BS

Tot Ion:149 Resp: 1040088

Ion Ratio Lower Upper

149 100

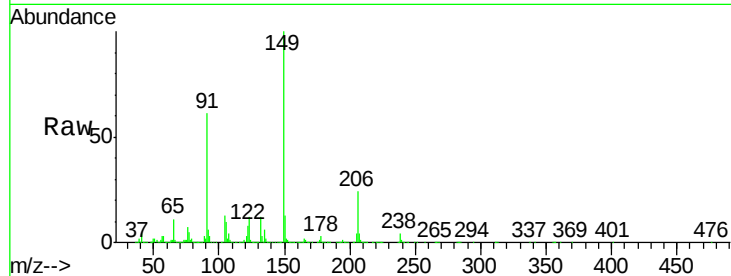
91 61.5 63.5 95.3#

206 23.8 21.0 31.6

Manual Integrations
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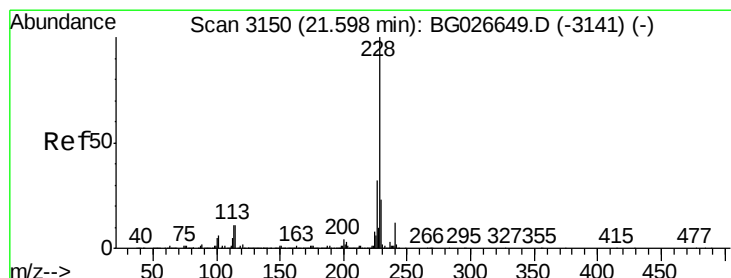
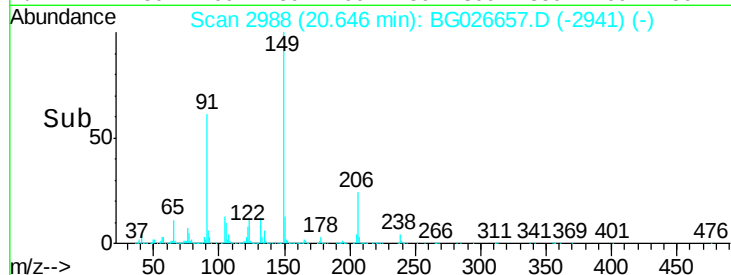
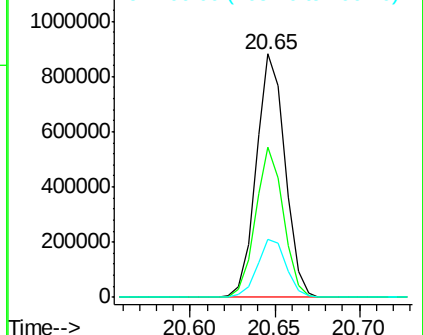
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 35.95 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.02 min

Lab File: BG026657.D

Acq: 19 Apr 2017 15:04

Tgt Ion:228 Resp: 2411672

Ion Ratio Lower Upper

228 100

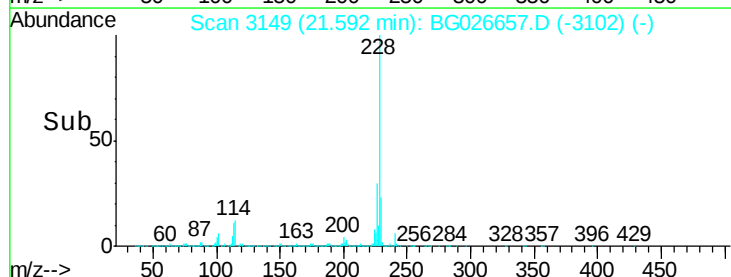
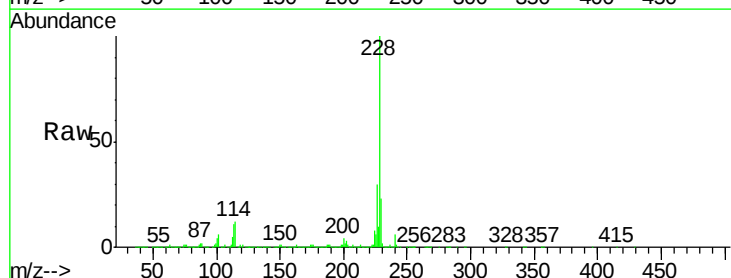
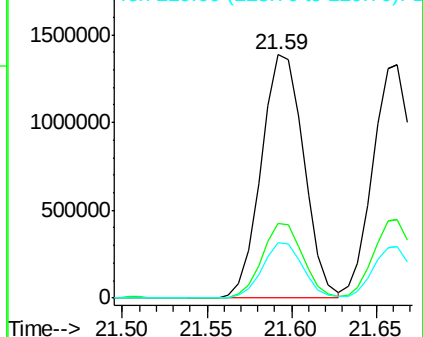
226 30.5 24.9 37.3

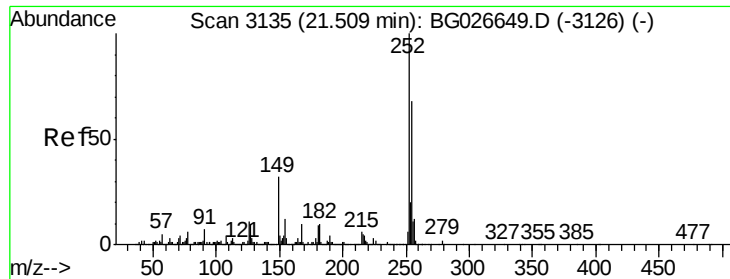
229 22.9 18.2 27.2

Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





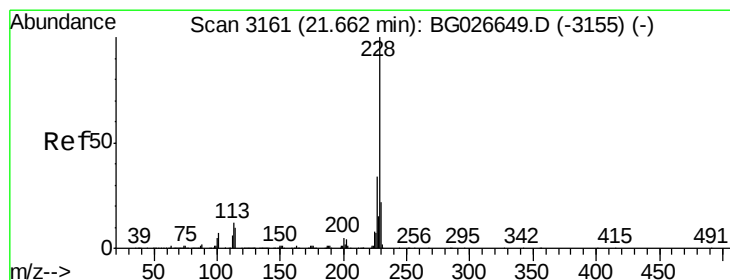
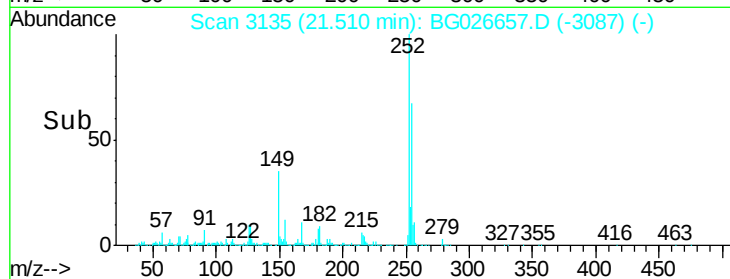
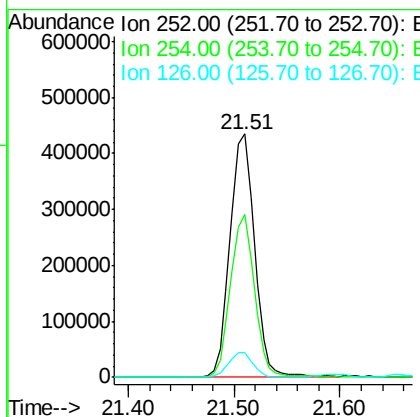
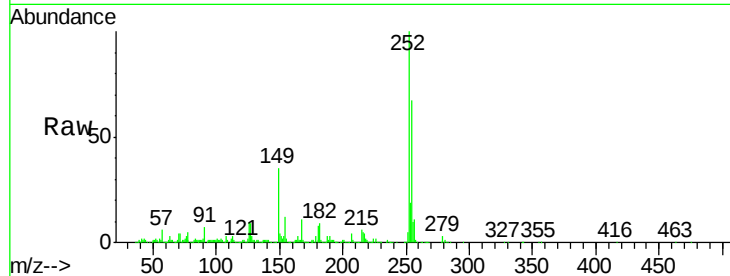
#81
 3,3'-Dichlorobenzidine
 Concen: 25.29 ng
 RT: 21.51 min Scan# 3135
 Delta R.T. -0.02 min
 Lab File: BG026657.D
 Acq: 19 Apr 2017 15:04

Instrument :
 BNA_G
 ClientSampleId :
 PB98333BS

Tot Ion:	252	Resp:	703691
Ion Ratio	Lower	Upper	
252	100		
254	67.1	53.1	79.7
126	10.0	7.0	10.4

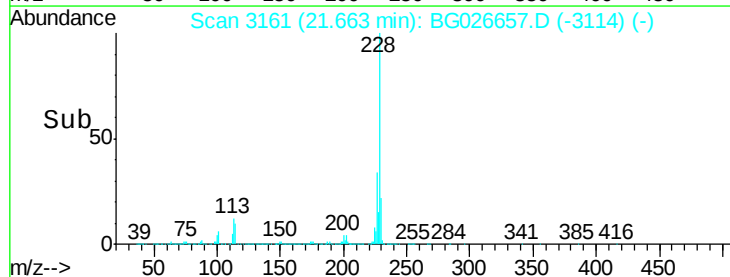
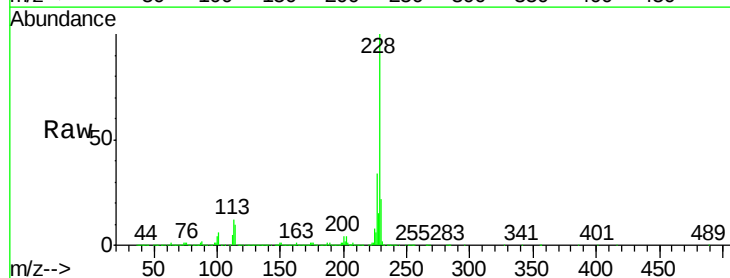
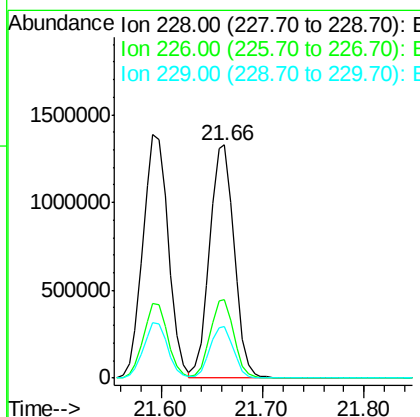
Manual Integrations
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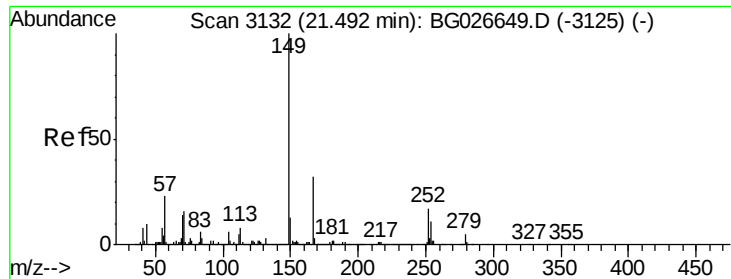
mohammad
 4/20/2017 1:54:20 PM



#82
 Chrysene
 Concen: 36.09 ng
 RT: 21.66 min Scan# 3161
 Delta R.T. -0.02 min
 Lab File: BG026657.D
 Acq: 19 Apr 2017 15:04

Tgt Ion:	228	Resp:	2227854
Ion Ratio	Lower	Upper	
228	100		
226	33.7	27.0	40.4
229	22.0	17.8	26.6





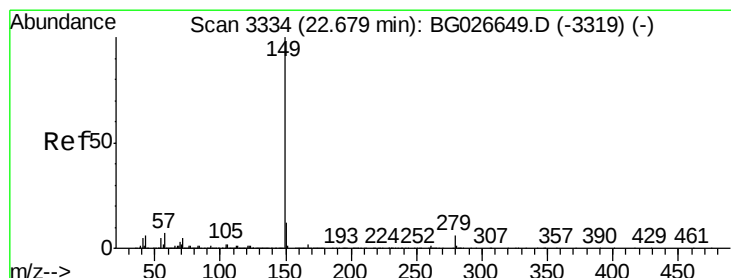
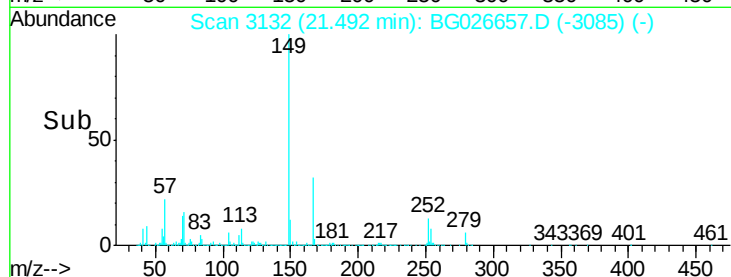
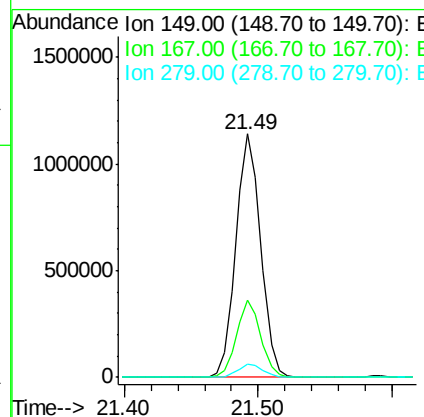
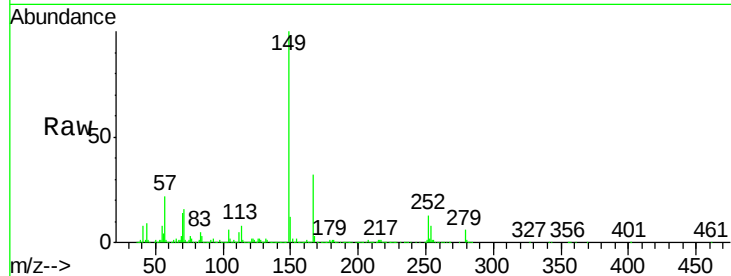
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.80 ng
 RT: 21.49 min Scan# 3132
 Delta R.T. -0.02 min
 Lab File: BG026657.D
 Acq: 19 Apr 2017 15:04

Instrument :
 BNA_G
 ClientSampleId :
 PB98333BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	31.5	23.7	35.5
279	5.5	4.6	6.8

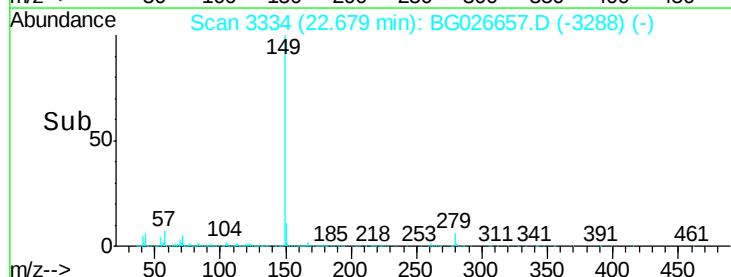
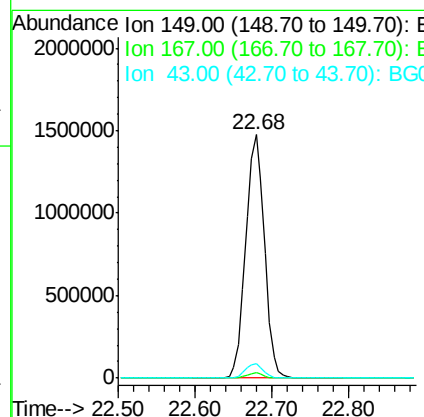
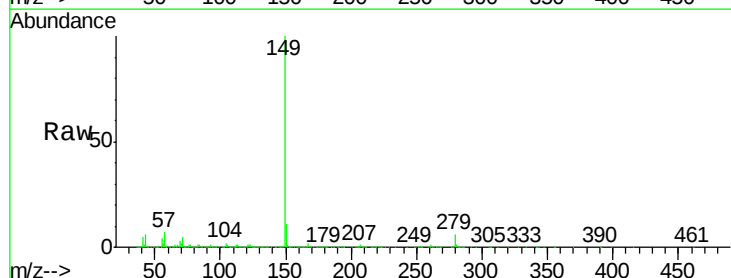
Manual Integrations
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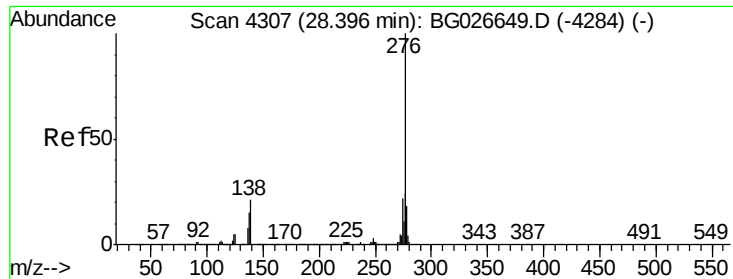
mohammad
 4/20/2017 1:54:20 PM



#84
 Di-n-octyl phthalate
 Concen: 36.27 ng
 RT: 22.68 min Scan# 3334
 Delta R.T. -0.03 min
 Lab File: BG026657.D
 Acq: 19 Apr 2017 15:04

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





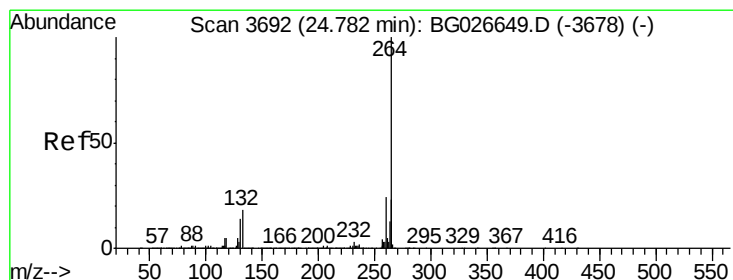
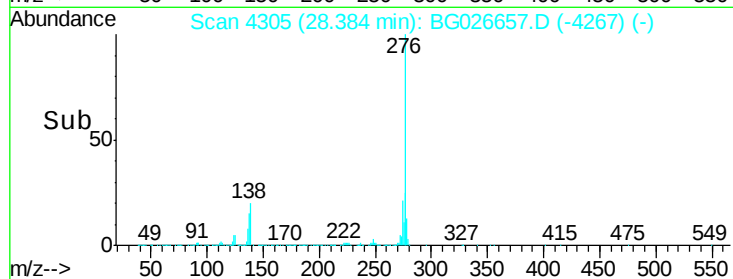
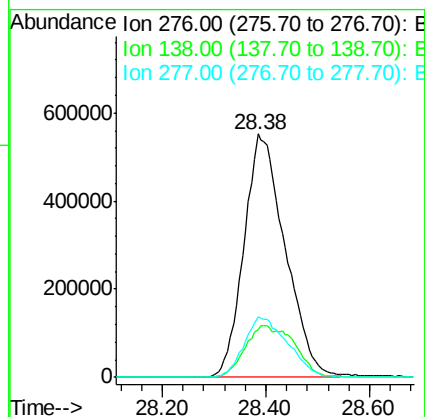
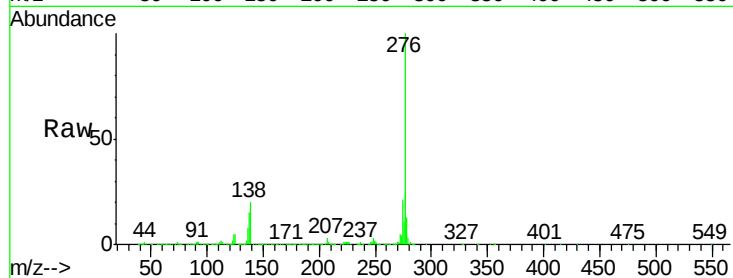
#85
Indeno(1,2,3-cd)pyrene
Concen: 35.92 ng
RT: 28.38 min Scan# 4305
Delta R.T. -0.07 min
Lab File: BG026657.D
Acq: 19 Apr 2017 15:04

Instrument :
BNA_G
ClientSampleId :
PB98333BS

Tot Ion:276 Resp: 3040660
Ion Ratio Lower Upper
276 100
138 25.7 4.7 7.1#
277 26.2 20.6 31.0

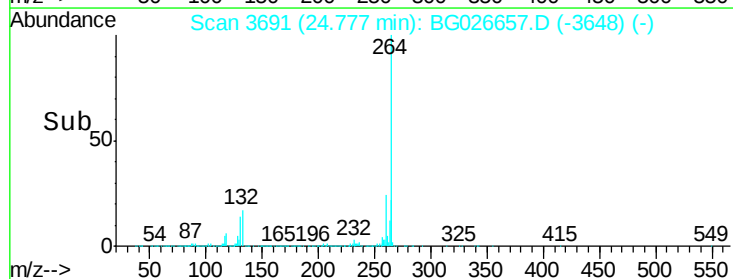
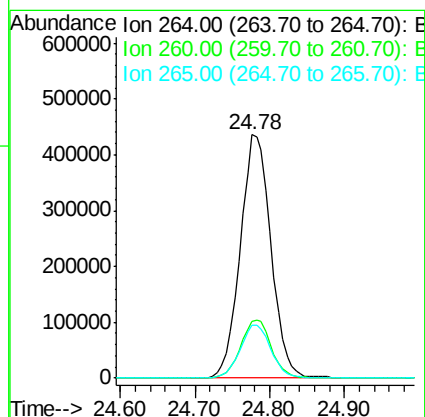
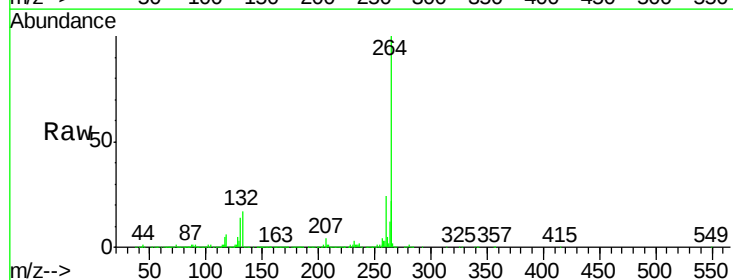
Manual Integrations
APPROVED

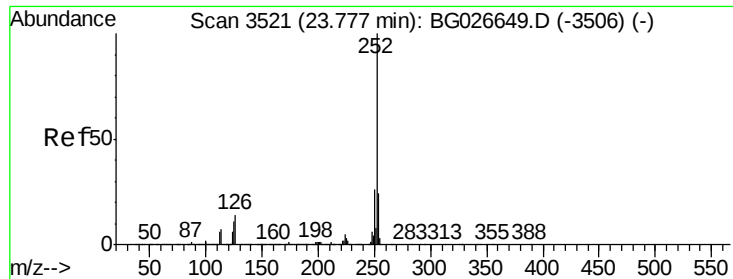
mohammad
4/20/2017 1:54:20 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.78 min Scan# 3691
Delta R.T. -0.05 min
Lab File: BG026657.D
Acq: 19 Apr 2017 15:04

Tgt Ion:264 Resp: 1241735
Ion Ratio Lower Upper
264 100
260 23.5 21.8 32.8
265 21.6 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 35.17 ng

RT: 23.78 min Scan# 3521

Delta R.T. -0.03 min

Lab File: BG026657.D

Acq: 19 Apr 2017 15:04

Instrument :

BNA_G

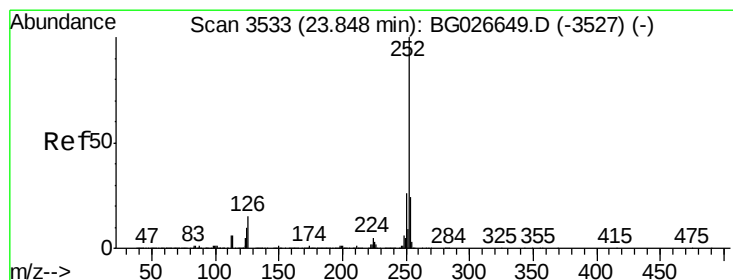
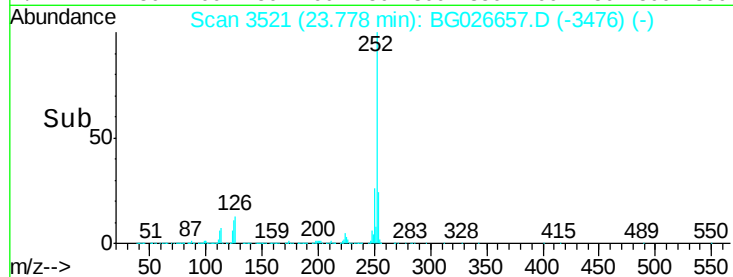
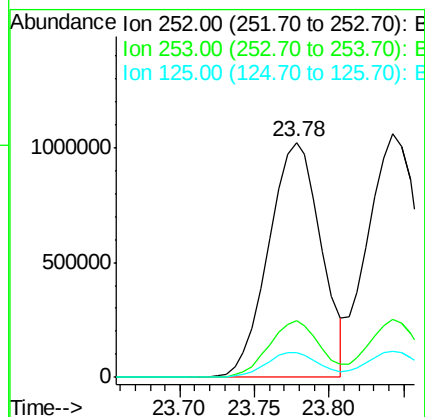
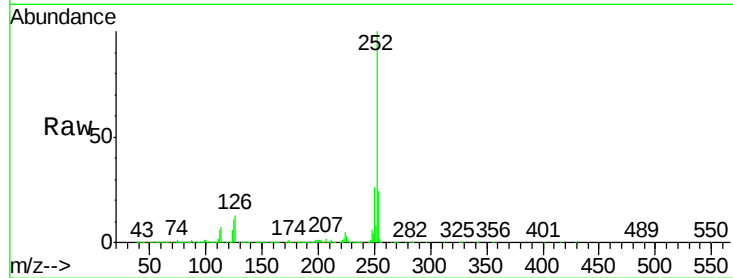
ClientSampleId :

PB98333BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.7	28.1
125	10.6	5.3	7.9#

Manual Integrations
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4/20/2017 1:54:20 PM



#88

Benzo(k)fluoranthene

Concen: 37.29 ng

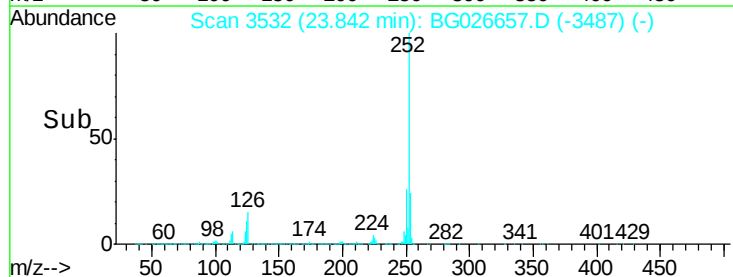
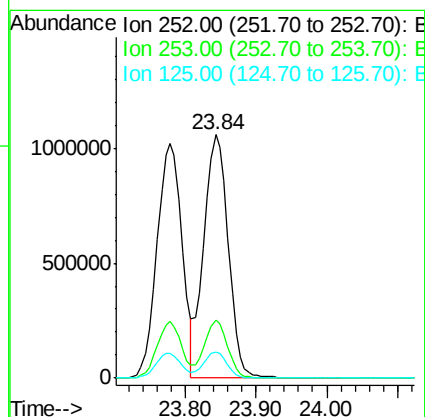
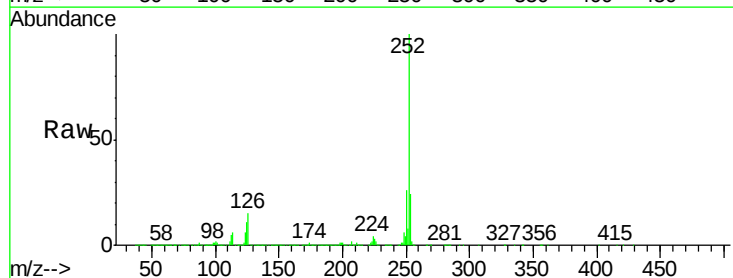
RT: 23.84 min Scan# 3532

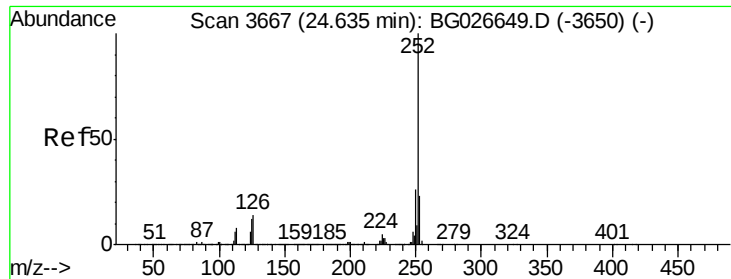
Delta R.T. -0.03 min

Lab File: BG026657.D

Acq: 19 Apr 2017 15:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	20.2	30.2
125	10.8	5.1	7.7#





#89

Benzo(a)pyrene

Concen: 36.08 ng

RT: 24.64 min Scan# 3667

Delta R.T. -0.04 min

Lab File: BG026657.D

Acq: 19 Apr 2017 15:04

Instrument :

BNA_G

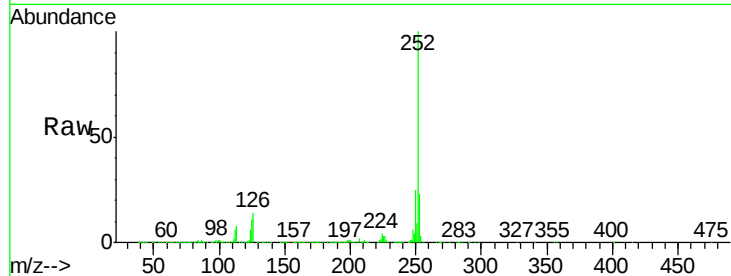
ClientSampleId :

PB98333BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.2	28.8
125	11.3	5.4	8.0

Manual Integrations
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4/20/2017 1:54:20 PM

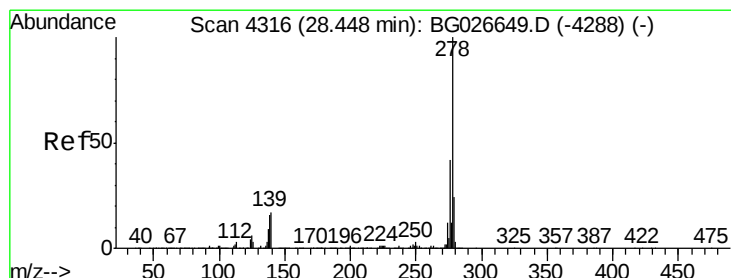
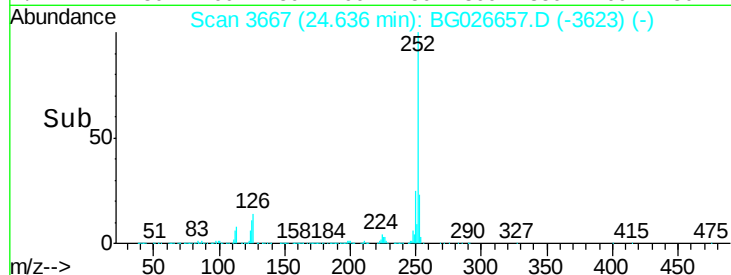
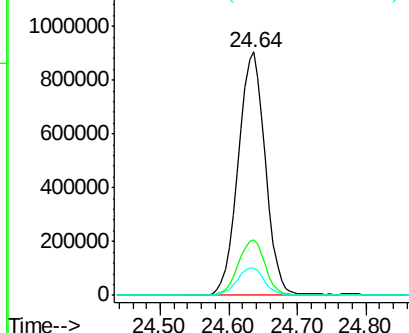


Abundance

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: 36.66 ng

RT: 28.45 min Scan# 4316

Delta R.T. -0.06 min

Lab File: BG026657.D

Acq: 19 Apr 2017 15:04

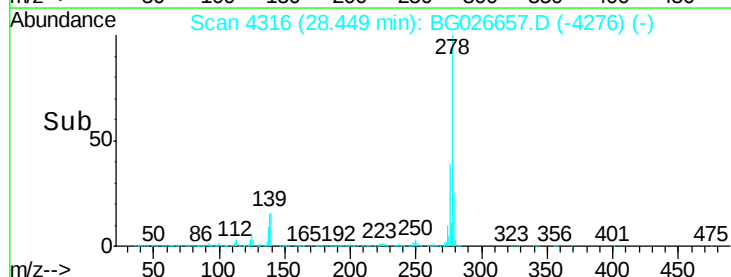
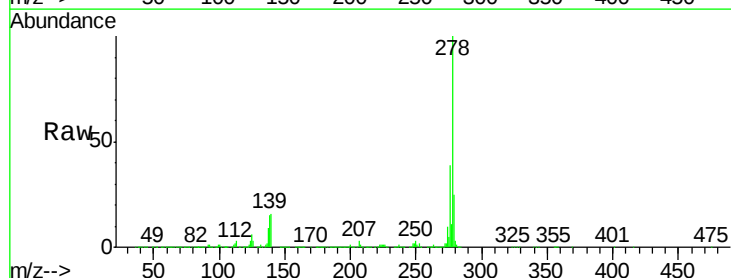
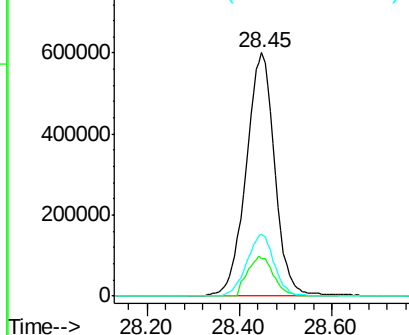
Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.6	7.7	11.5
279	25.2	19.1	28.7

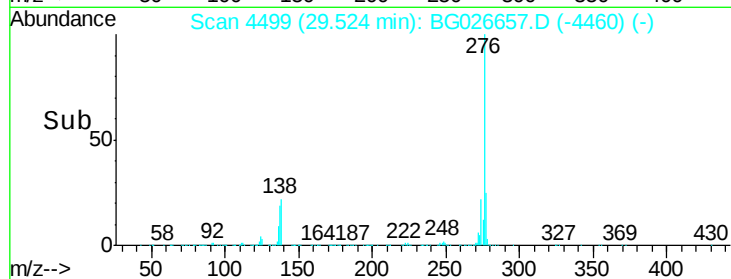
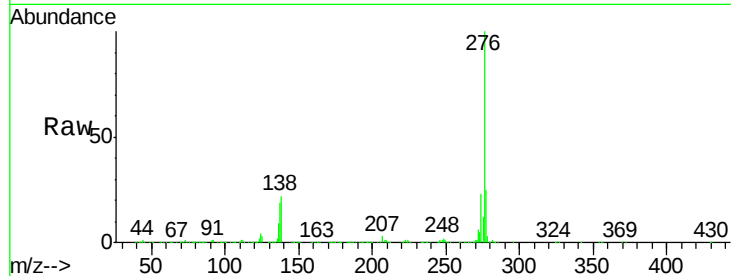
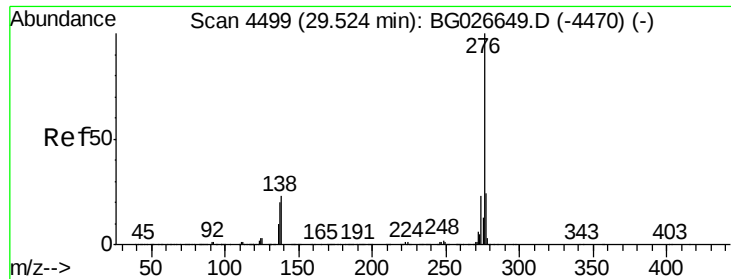
Abundance

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: 35.17 ng
RT: 29.52 min Scan# 4499
Delta R.T. -0.07 min
Lab File: BG026657.D
Acq: 19 Apr 2017 15:04

Instrument :
BNA_G
ClientSampleId :
PB98333BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.6	27.8
138	21.6	8.1	12.1

Manual Integrations
APPROVED

mohammad
4/20/2017 1:54:20 PM

