

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032017\
 Data File : BG026347.D
 Acq On : 21 Mar 2017 4:16
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDC0040EC

Manual Integrations
 APPROVED

mohammad
 3/21/2017 5:22:33 PM

Quant Time: Mar 21 05:33:20 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 17:43:27 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	125397	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	559662	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	330231	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	781490	20.00	ng	0.00
75) Chrysene-d12	21.64	240	832490	20.00	ng	0.00
86) Perylene-d12	24.82	264	832223	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	573014	81.11	ng	0.00
7) Phenol-d6	7.21	99	788162	83.10	ng	0.00
23) Nitrobenzene-d5	9.21	82	737324	79.22	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	316652	83.73	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	1873342	79.55	ng	0.00
78) Terphenyl-d14	19.98	244	2790336	81.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	122116	38.51	ng	# 73
3) Pyridine	3.91	79	348078	40.08	ng	# 62
4) n-Nitrosodimethylamine	3.82	42	90552	38.15	ng	# 1
6) Aniline	7.37	93	519039	40.96	ng	# 88
8) 2-Chlorophenol	7.61	128	326298	41.02	ng	# 81
9) Benzaldehyde	7.18	77	255194	39.85	ng	# 66
10) Phenol	7.23	94	415619	41.06	ng	# 70
11) bis(2-Chloroethyl)ether	7.46	93	333753	40.21	ng	# 82
12) 1,3-Dichlorobenzene	7.94	146	386378	40.80	ng	# 85
13) 1,4-Dichlorobenzene	8.08	146	391066m	40.82	ng	
14) 1,2-Dichlorobenzene	8.40	146	376244	41.04	ng	# 91
15) Benzyl Alcohol	8.28	79	255820	41.14	ng	# 78
16) 2,2'-oxybis(1-Chloropropan	8.57	45	339906	36.88	ng	84
17) 2-Methylphenol	8.48	107	298601	41.54	ng	# 80
18) Hexachloroethane	9.13	117	126087	40.25	ng	94
19) n-Nitroso-di-n-propylamine	8.85	70	244732	40.14	ng	# 70
20) 3+4-Methylphenols	8.81	107	419889	42.43	ng	# 85
22) Acetophenone	8.86	105	516205	40.11	ng	# 74
24) Nitrobenzene	9.25	77	357483	38.90	ng	# 73
25) Isophorone	9.77	82	696636	39.71	ng	# 88
26) 2-Nitrophenol	9.96	139	201017	42.04	ng	# 64
27) 2,4-Dimethylphenol	10.02	122	323215	41.18	ng	87
28) bis(2-Chloroethoxy)methane	10.25	93	455703	39.99	ng	# 97
29) 2,4-Dichlorophenol	10.49	162	332725	41.91	ng	94
30) 1,2,4-Trichlorobenzene	10.71	180	363135	40.72	ng	99
31) Naphthalene	10.90	128	1133318	40.05	ng	99
32) Benzoic acid	10.15	122	253454	41.96	ng	# 71
33) 4-Chloroaniline	11.00	127	477521	41.49	ng	# 83
34) Hexachlorobutadiene	11.19	225	212209	40.34	ng	98
35) Caprolactam	11.76	113	126357	40.40	ng	# 59
36) 4-Chloro-3-methylphenol	12.11	107	347270	40.90	ng	# 76
37) 2-Methylnaphthalene	12.50	142	854822	41.24	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	404877	40.75	ng	98
40) Hexachlorocyclopentadiene	12.84	237	211413	40.42	ng	95

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 SSTDCCC040EC

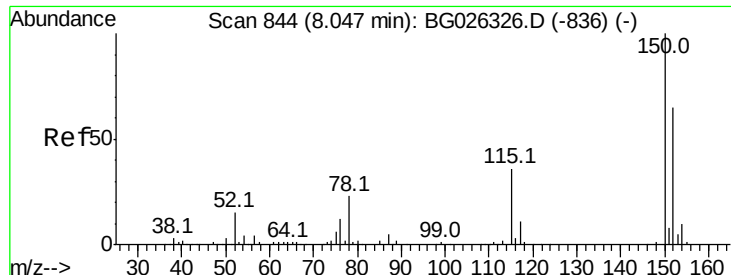
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 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	268445	41.26	nq	96
43) 2,4,5-Trichlorophenol	13.17	196	295142	41.04	nq #	91
45) 1,1'-Biphenyl	13.49	154	1097951	40.15	nq	98
46) 2-Chloronaphthalene	13.54	162	802585	40.18	nq	96
47) 2-Nitroaniline	13.73	65	224553	39.53	nq #	59
48) Acenaphthylene	14.38	152	1403971	40.32	nq	99
49) Dimethylphthalate	14.11	163	1002643	40.23	nq	99
50) 2,6-Dinitrotoluene	14.22	165	245634	42.22	nq #	61
51) Acenaphthene	14.72	154	850586	39.67	nq	98
52) 3-Nitroaniline	14.55	138	262731	41.02	nq #	70
53) 2,4-Dinitrophenol	14.76	184	135588	40.18	nq #	77
54) Dibenzofuran	15.05	168	1216229	40.29	nq	90
55) 4-Nitrophenol	14.86	139	218915	41.74	nq #	40
56) 2,4-Dinitrotoluene	15.01	165	341808	41.78	nq #	70
57) Fluorene	15.70	166	1075667	40.04	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.27	232	256442	40.89	nq #	97
59) Diethylphthalate	15.46	149	1015443	39.86	nq	99
60) 4-Chlorophenyl-phenylether	15.69	204	516207	40.55	nq	89
61) 4-Nitroaniline	15.71	138	279273	41.22	nq #	52
62) Azobenzene	15.97	77	799967	38.62	nq	80
64) 4,6-Dinitro-2-methylphenol	15.77	198	209122	42.44	nq	84
65) n-Nitrosodiphenylamine	15.90	169	925244	40.34	nq	99
66) 4-Bromophenyl-phenylether	16.57	248	340429	42.32	nq	95
67) Hexachlorobenzene	16.70	284	351445	40.96	nq	90
68) Atrazine	16.84	200	352471	40.59	nq	97
69) Pentachlorophenol	17.04	266	224658	40.27	nq	96
70) Phenanthrene	17.43	178	1654397	39.42	nq	97
71) Anthracene	17.52	178	1722682	40.23	nq	99
72) Carbazole	17.78	167	1732581	39.30	nq #	97
73) Di-n-butylphthalate	18.34	149	1765938	38.99	nq #	93
74) Fluoranthene	19.43	202	1946550	39.44	nq	95
76) Benzidine	19.60	184	1119010	38.99	nq	99
77) Pyrene	19.79	202	2001336	41.52	nq	99
79) Butylbenzylphthalate	20.66	149	787149	40.81	nq #	83
80) Benzo(a)anthracene	21.61	228	1896954	40.49	nq	98
81) 3,3'-Dichlorobenzidine	21.53	252	771607	40.23	nq #	98
82) Chrysene	21.68	228	1800251	40.22	nq	99
83) Bis(2-ethylhexyl)phthalate	21.51	149	1151774	39.54	nq	98
84) Di-n-octyl phthalate	22.71	149	1983360	39.89	nq #	81
85) Indeno(1,2,3-cd)pyrene	28.45	276	2294188	41.51	nq #	88
87) Benzo(b)fluoranthene	23.81	252	1986477	40.49	nq #	96
88) Benzo(k)fluoranthene	23.88	252	1940762	40.79	nq #	94
89) Benzo(a)pyrene	24.67	252	1903932	40.46	nq #	94
90) Dibenzo(a,h)anthracene	28.51	278	1934439	40.68	nq #	93
91) Benzo(g,h,i)perylene	29.58	276	1948652	40.67	nq #	88

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.05 min Scan# 844

Delta R.T. 0.00 min

Lab File: BG026347.D

Acq: 21 Mar 2017 4:16

Instrument :

BNA_G

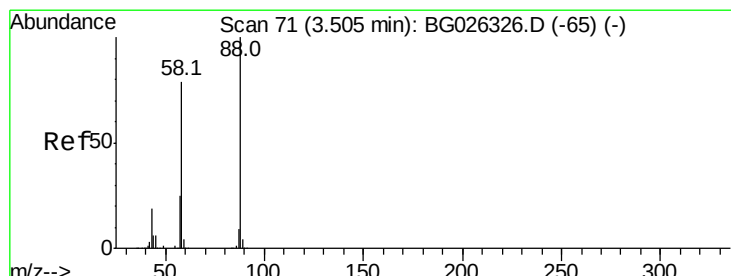
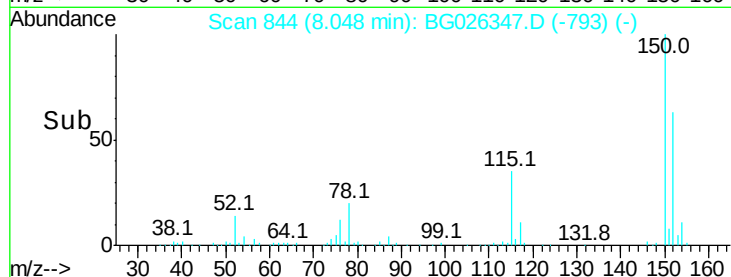
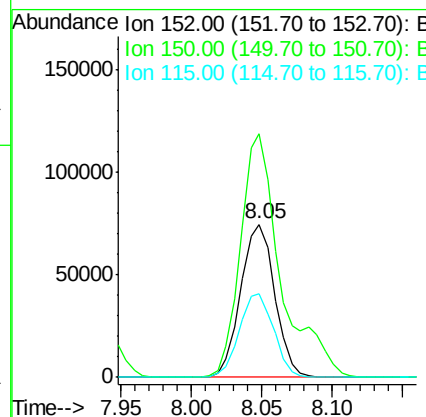
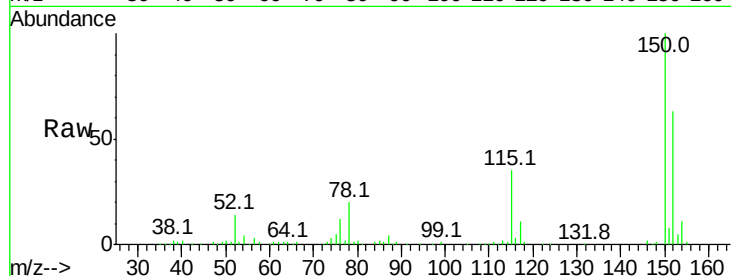
ClientSampleId :

SSTDCCC040EC

Tot Ion:	152	Resp:	125397
Ion Ratio	Lower	Upper	
152	100		
150	159.3	114.0	171.0
115	55.1	48.1	72.1

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#2

1,4-Dioxane

Concen: 38.51 ng

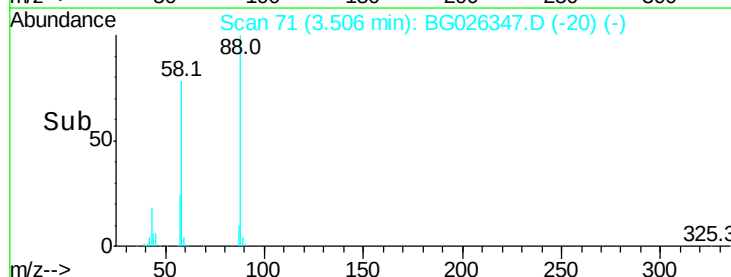
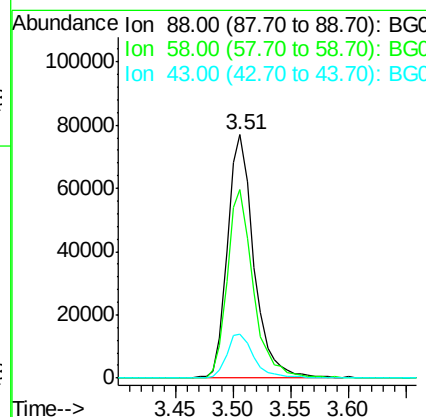
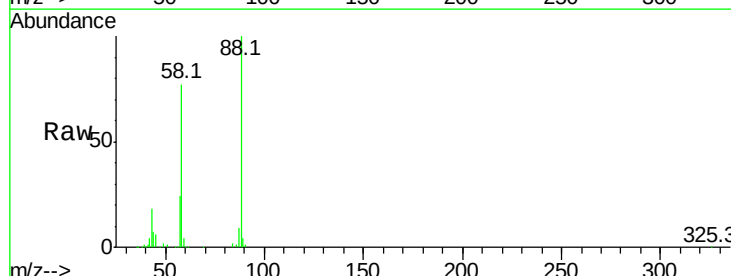
RT: 3.51 min Scan# 71

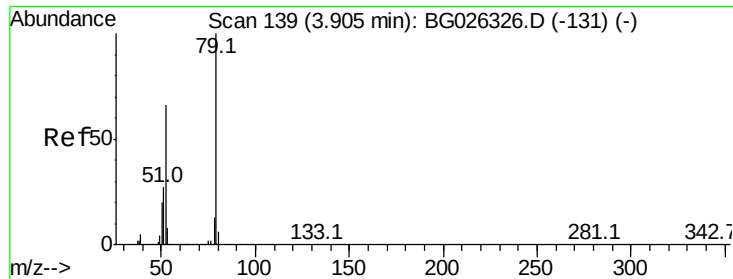
Delta R.T. 0.00 min

Lab File: BG026347.D

Acq: 21 Mar 2017 4:16

Tgt Ion:	88	Resp:	122116
Ion Ratio	Lower	Upper	
88	100		
58	76.6	79.4	119.2#
43	18.9	33.8	50.6#





#3

Pvridine

Concen: 40.08 ng

RT: 3.91 min Scan# 139

Delta R.T. 0.00 min

Lab File: BG026347.D

Acq: 21 Mar 2017 4:16

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion: 79 Resp: 348078

Ion Ratio Lower Upper

79 100

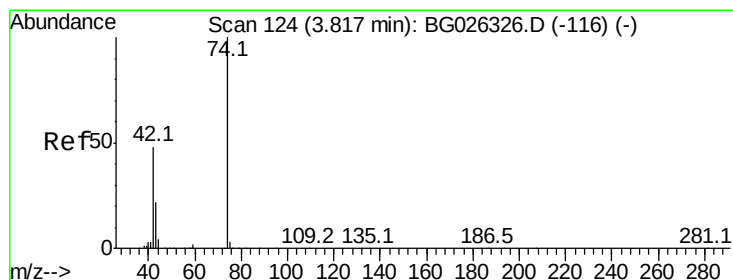
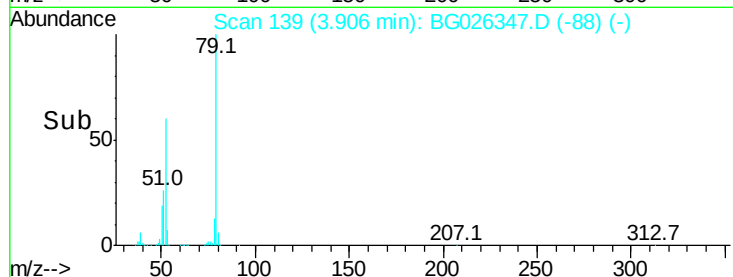
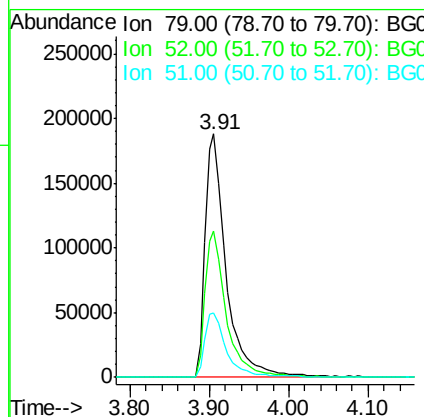
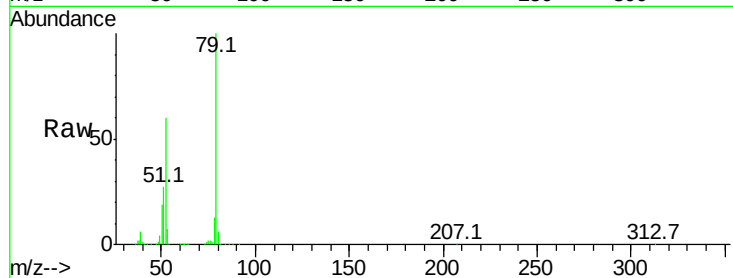
52 59.9 77.8 116.6#

51 26.5 43.2 64.8#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 38.15 ng

RT: 3.82 min Scan# 124

Delta R.T. 0.00 min

Lab File: BG026347.D

Acq: 21 Mar 2017 4:16

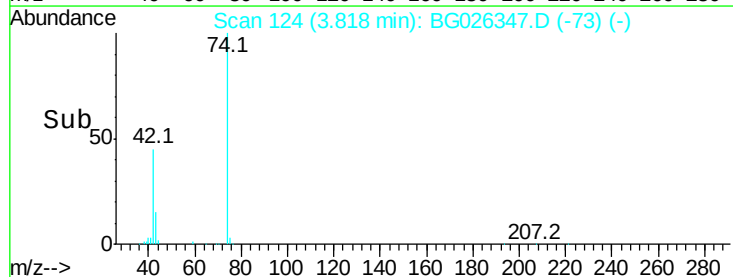
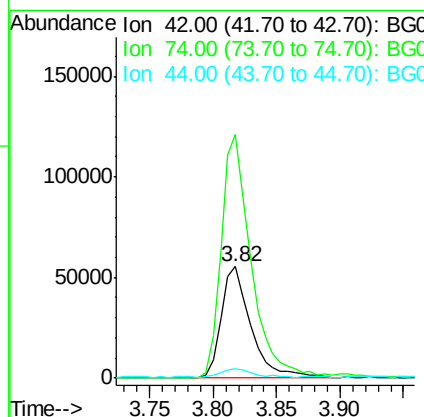
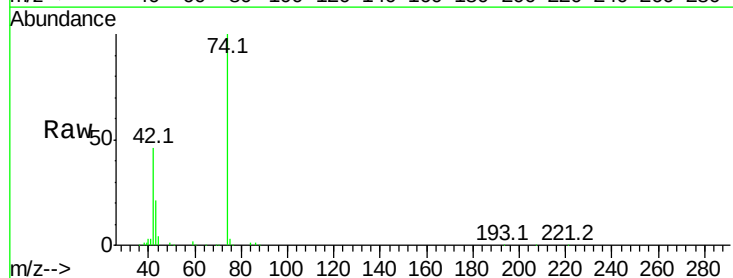
Tgt Ion: 42 Resp: 90552

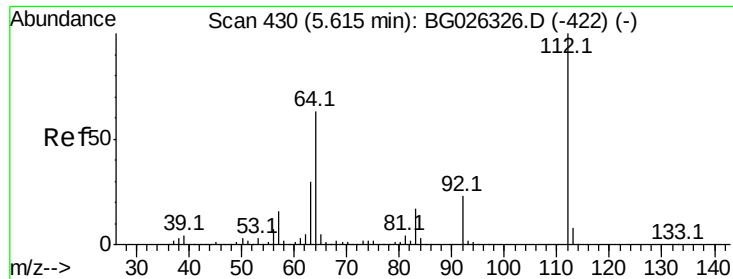
Ion Ratio Lower Upper

42 100

74 218.0 76.7 115.1#

44 8.2 6.1 9.1





#5

2-Fluorophenol

Concen: 81.11 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG026347.D

Acq: 21 Mar 2017 4:16

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion: 112 Resp: 573014
Ion Ratio Lower Upper

112 100

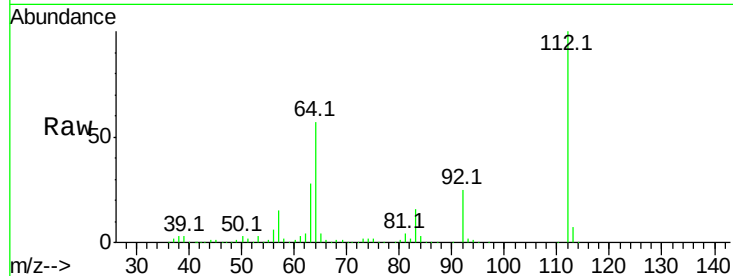
64 57.0 61.8 92.6#

63 27.9 37.2 55.8#

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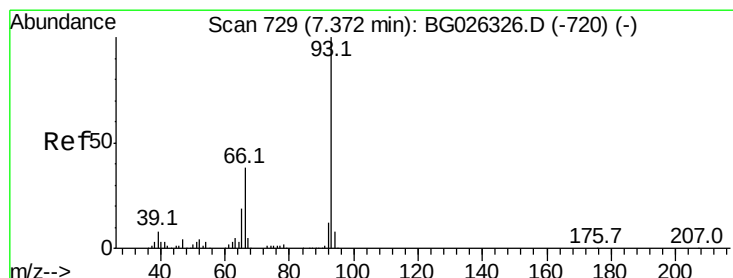
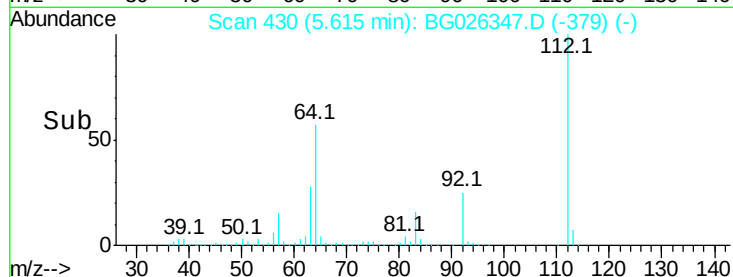
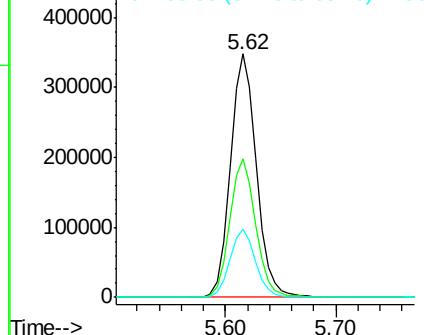
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Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 40.96 ng

RT: 7.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BG026347.D

Acq: 21 Mar 2017 4:16

Tgt Ion: 93 Resp: 519039
Ion Ratio Lower Upper

93 100

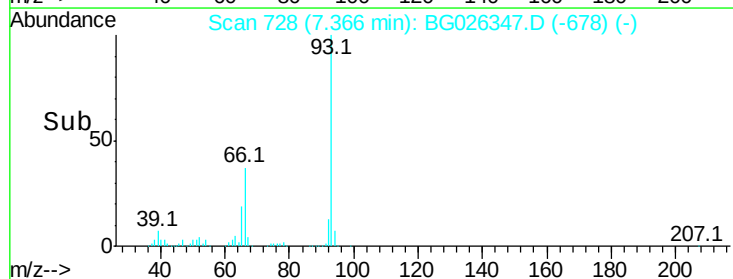
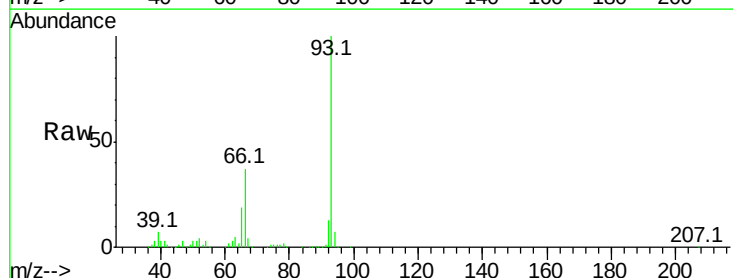
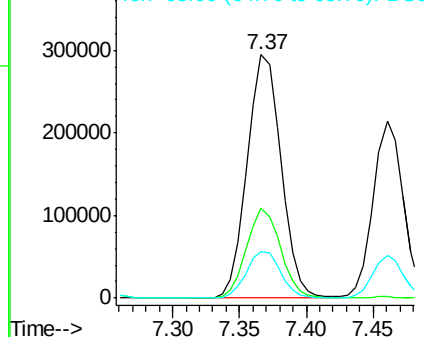
66 37.1 35.4 53.2

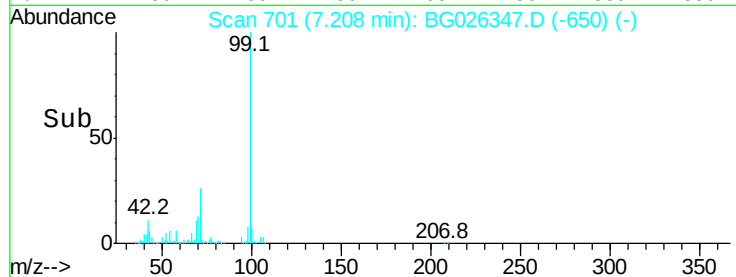
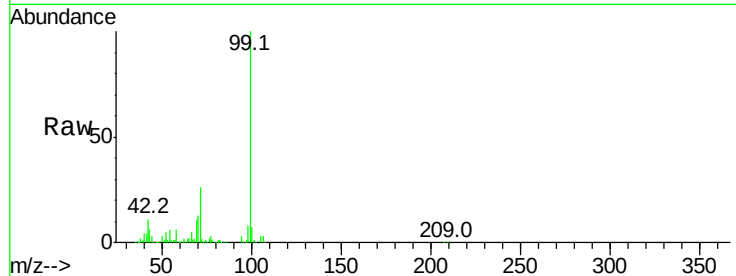
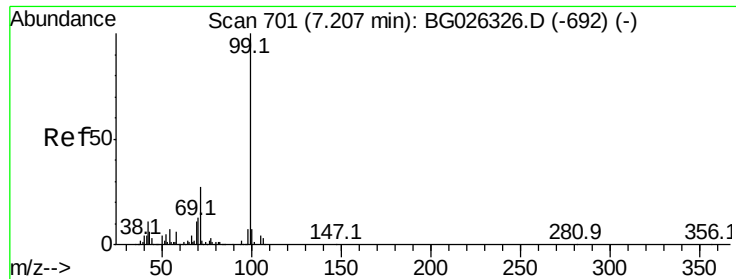
65 19.0 21.2 31.8#

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: 83.10 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG026347.D

Acq: 21 Mar 2017 4:16

Tot Ion:	99	Resp:	788162
Ion Ratio	Lower	Upper	
99	100		
42	10.8	20.5	30.7#
71	26.4	37.6	56.4#

Instrument :

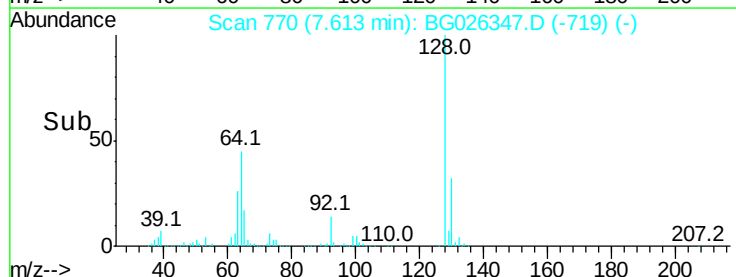
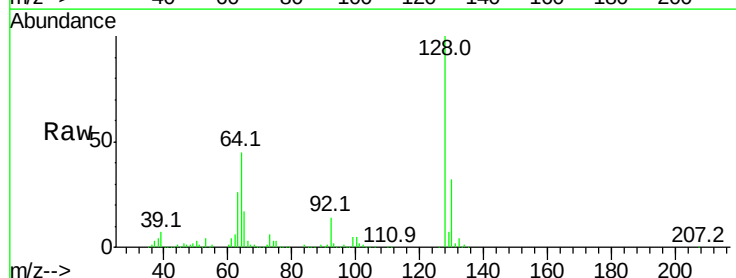
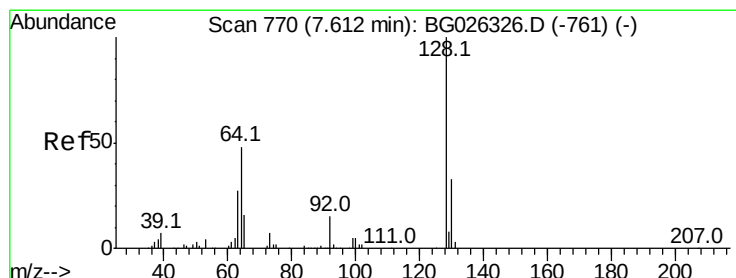
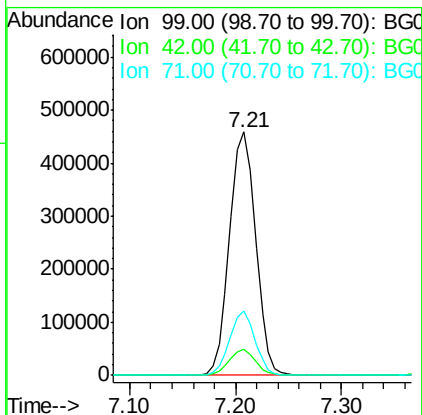
BNA_G

ClientSampleId :

SSTDCCC040EC

Manual Integrations
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#8

2-Chlorophenol

Concen: 41.02 ng

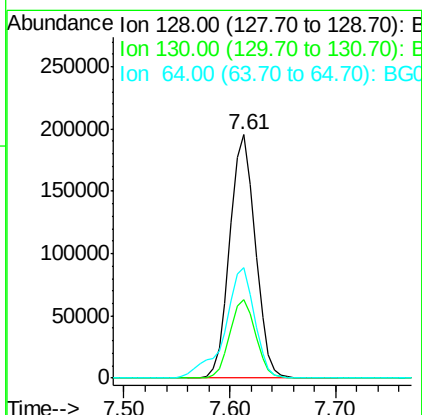
RT: 7.61 min Scan# 770

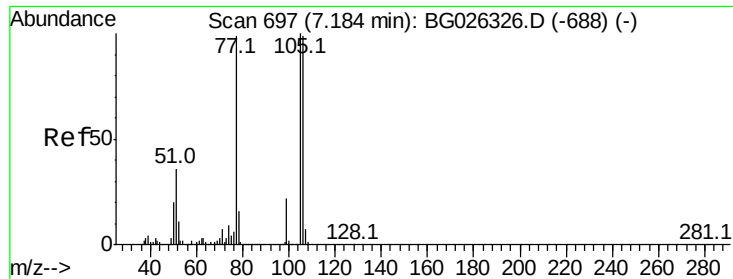
Delta R.T. 0.00 min

Lab File: BG026347.D

Acq: 21 Mar 2017 4:16

Tgt Ion:	128	Resp:	326298
Ion Ratio	Lower	Upper	
128	100		
130	32.3	11.4	51.4
64	45.3	46.6	86.6#





#9

Benzaldehyde

Concen: 39.85 ng

RT: 7.18 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG026347.D

Acq: 21 Mar 2017 4:16

Instrument :

BNA_G

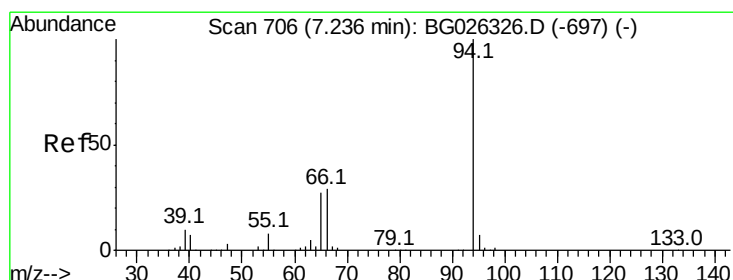
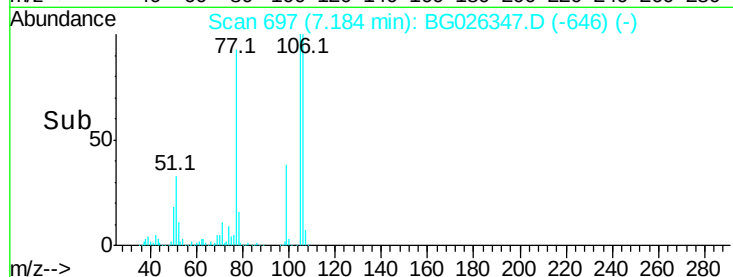
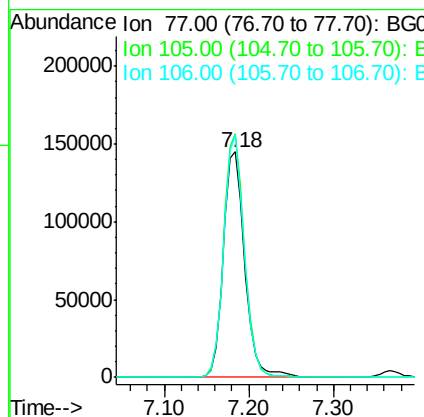
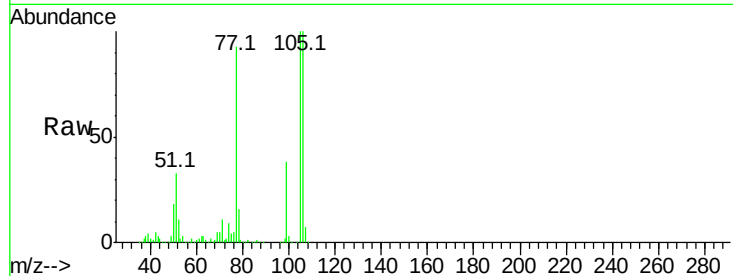
ClientSampleId :

SSTDCCC040EC

Tot Ion:	77	Resp:	255194
Ion Ratio	Lower	Upper	
77	100		
105	107.9	60.9	100.9#
106	107.6	55.1	95.1#

Manual Integrations
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#10

Phenol

Concen: 41.06 ng

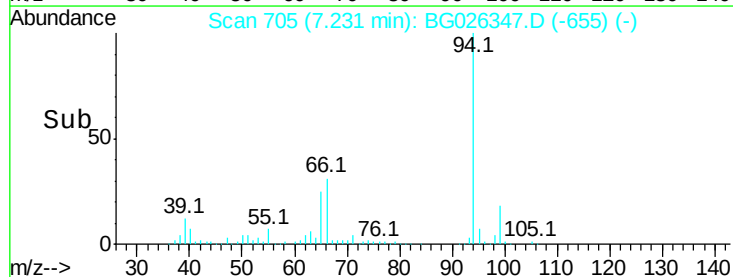
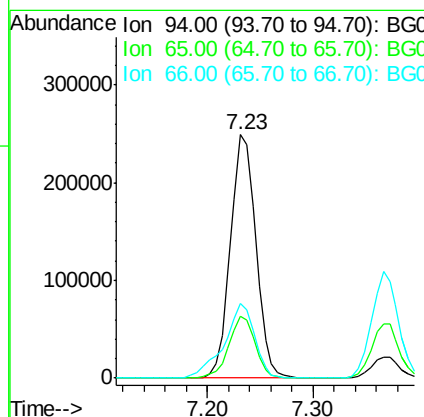
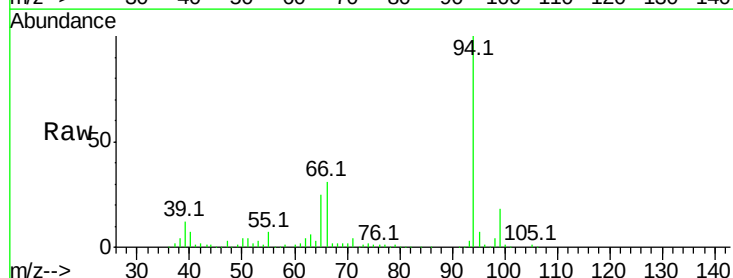
RT: 7.23 min Scan# 705

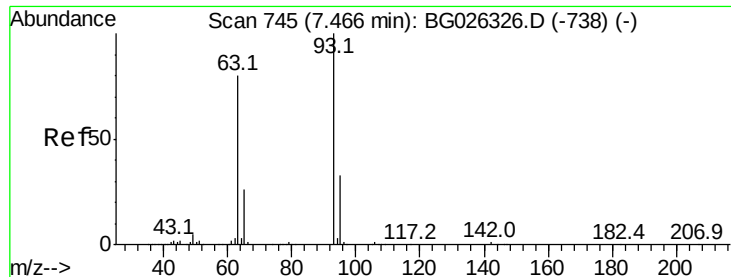
Delta R.T. -0.01 min

Lab File: BG026347.D

Acq: 21 Mar 2017 4:16

Tgt Ion:	94	Resp:	415619
Ion Ratio	Lower	Upper	
94	100		
65	25.4	20.6	60.6
66	30.5	35.5	75.5#





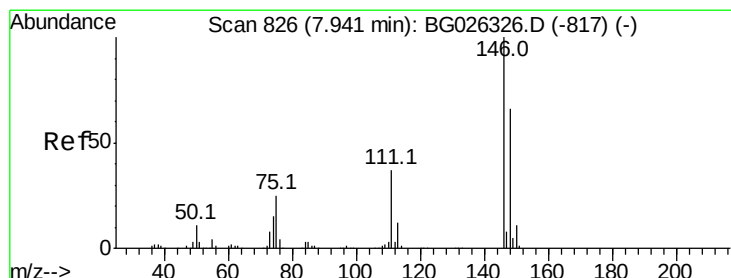
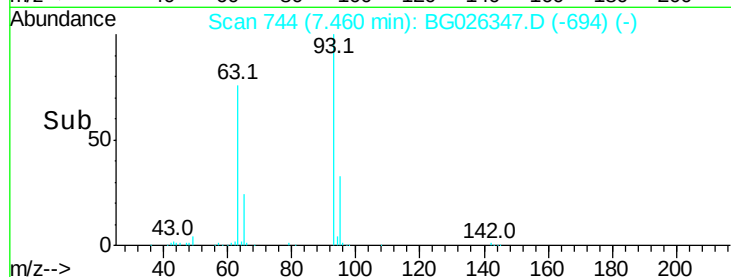
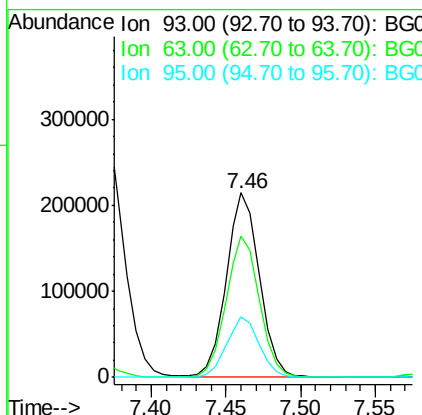
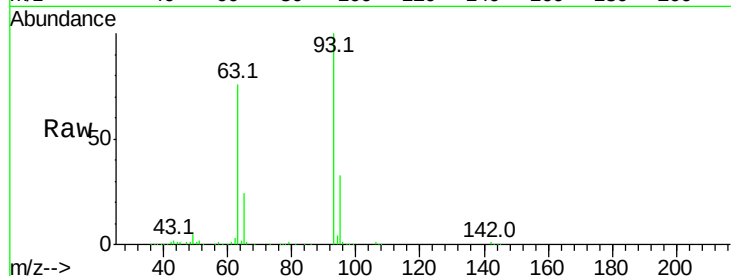
#11
bis(2-Chloroethyl)ether
Concen: 40.21 ng
RT: 7.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BG026347.D
Acq: 21 Mar 2017 4:16

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion: 93 Resp: 333753
Ion Ratio Lower Upper
93 100
63 76.5 78.5 118.5#
95 33.0 9.8 49.8

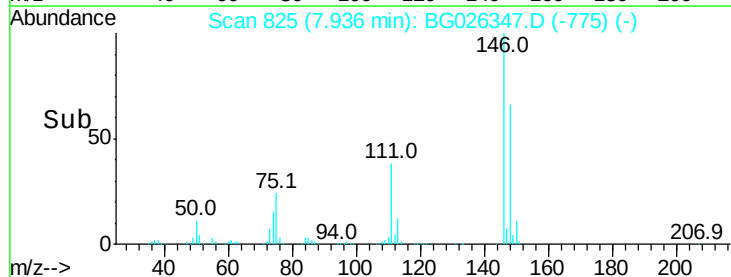
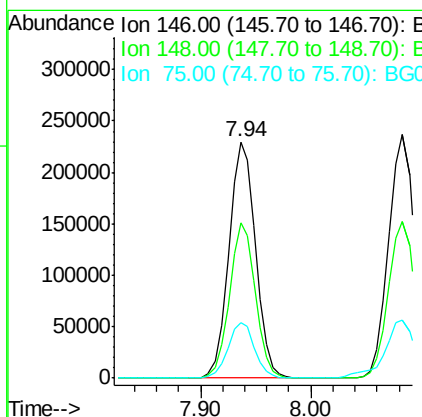
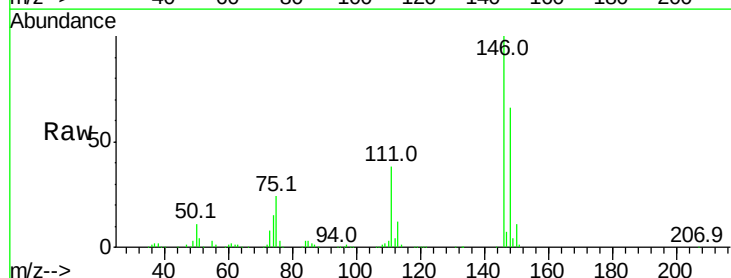
Manual Integrations
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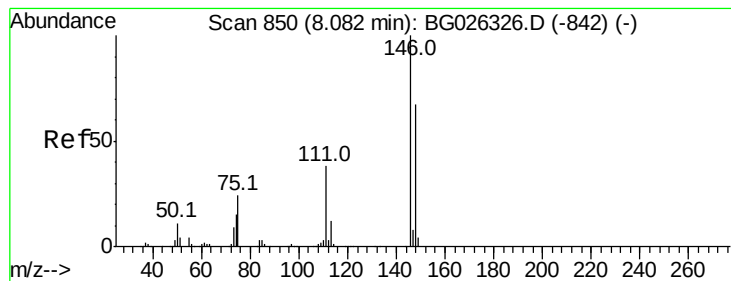
mohammad
3/21/2017 5:22:33 PM



#12
1,3-Dichlorobenzene
Concen: 40.80 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BG026347.D
Acq: 21 Mar 2017 4:16

Tgt Ion: 146 Resp: 386378
Ion Ratio Lower Upper
146 100
148 65.9 49.2 73.8
75 23.6 33.4 50.2#





#13

1,4-Dichlorobenzene

Concen: 40.82 ng m

RT: 8.08 min Scan# 850

Delta R.T. 0.00 min

Lab File: BG026347.D

Acq: 21 Mar 2017 4:16

Instrument :

BNA_G

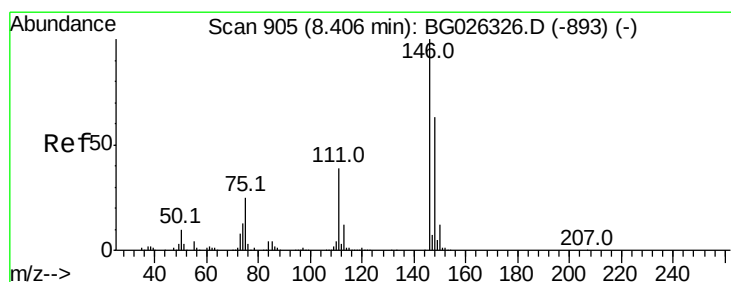
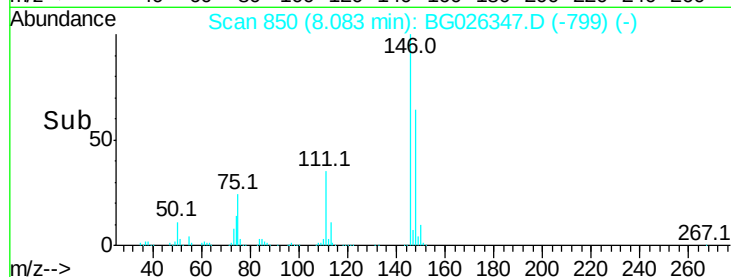
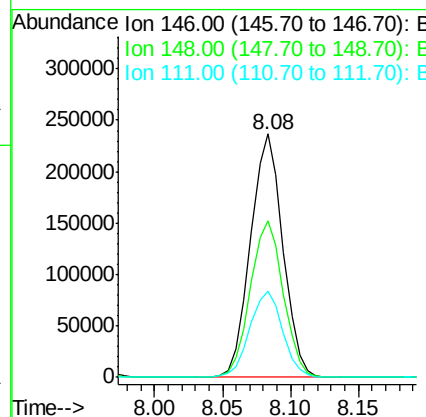
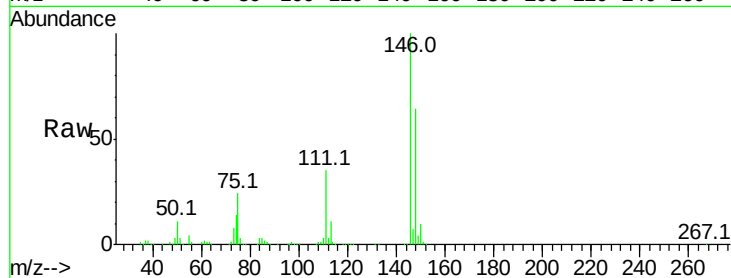
ClientSampleId :

SSTDCCC040EC

Tot Ion:	146	Resp:	391066
Ion Ratio	Lower	Upper	
146	100		
148	64.5	52.2	78.2
111	35.3	37.0	55.6#

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 41.04 ng

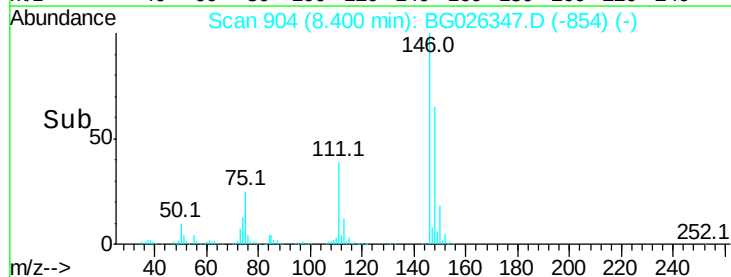
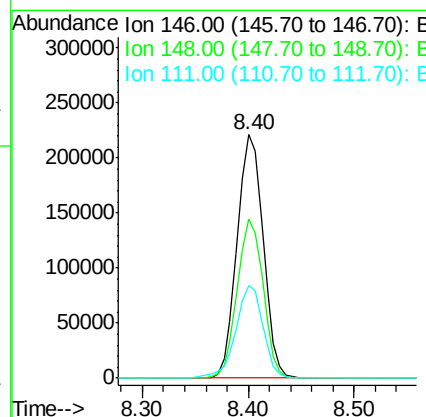
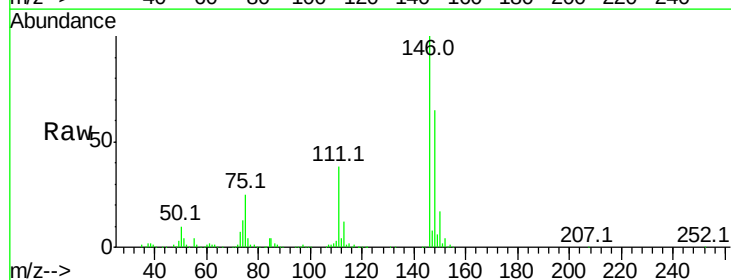
RT: 8.40 min Scan# 904

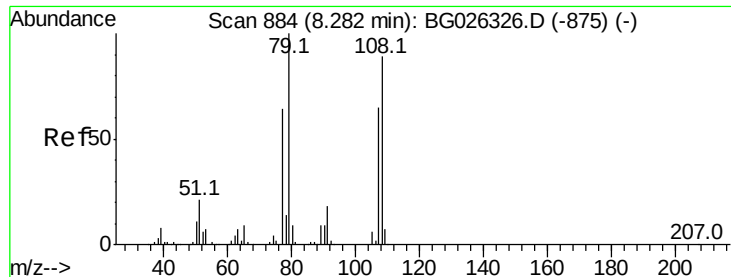
Delta R.T. -0.01 min

Lab File: BG026347.D

Acq: 21 Mar 2017 4:16

Tgt Ion:	146	Resp:	376244
Ion Ratio	Lower	Upper	
146	100		
148	65.1	54.6	81.8
111	38.2	39.7	59.5#





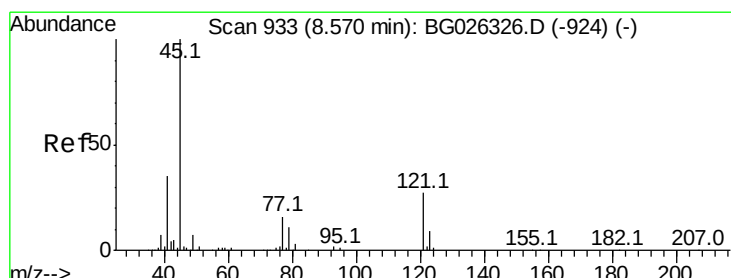
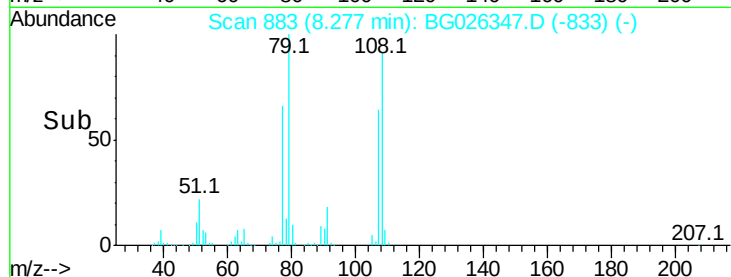
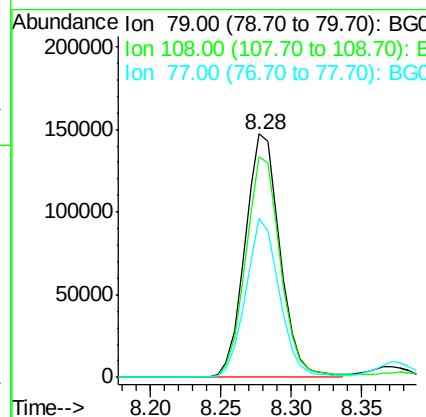
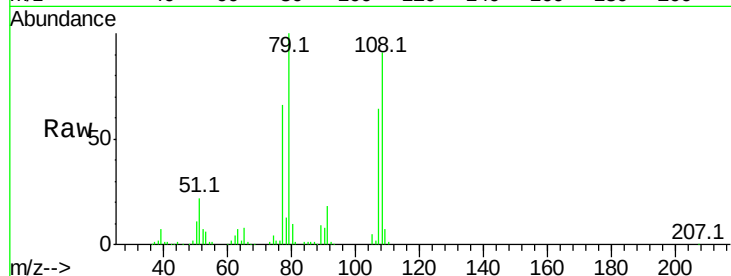
#15
Benzyl Alcohol
Concen: 41.14 ng
RT: 8.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BG026347.D
Acq: 21 Mar 2017 4:16

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
79	100		
108	90.6	45.5	68.3#
77	65.6	54.3	81.5

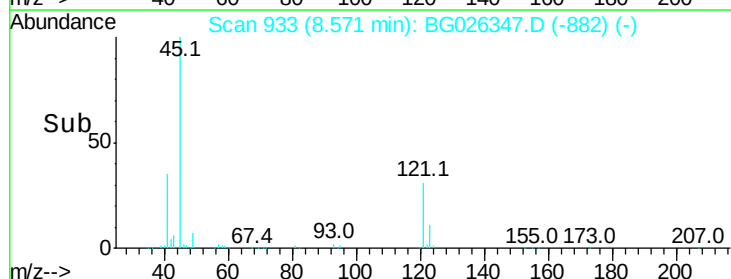
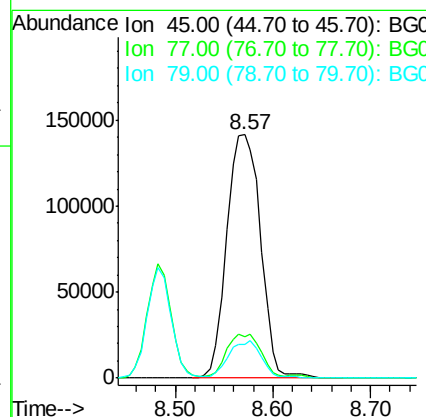
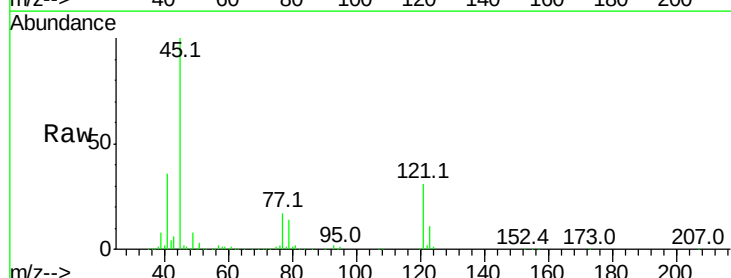
Manual Integrations
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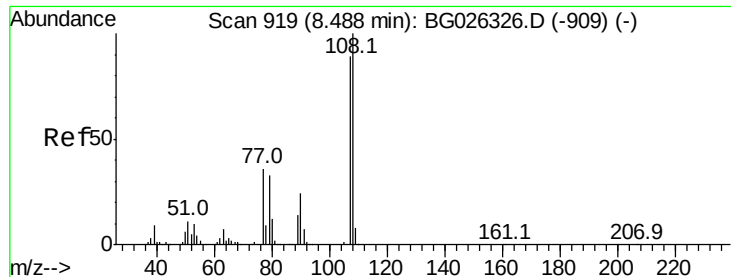
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 36.88 ng
RT: 8.57 min Scan# 933
Delta R.T. 0.00 min
Lab File: BG026347.D
Acq: 21 Mar 2017 4:16

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.1	0.0	30.6
79	13.9	0.0	28.5





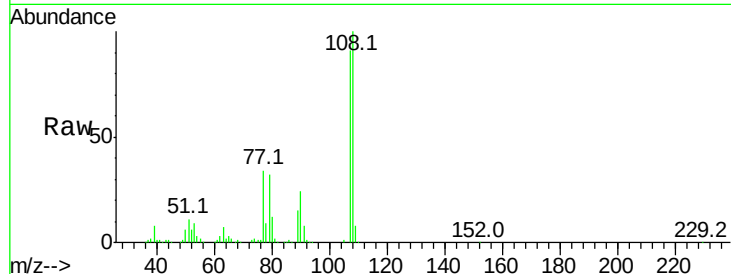
#17
2-Methylphenol
Concen: 41.54 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.01 min
Lab File: BG026347.D
Acq: 21 Mar 2017 4:16

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.3	85.6	128.4	
77	37.1	51.4	77.2#	
79	35.8	49.2	73.8#	

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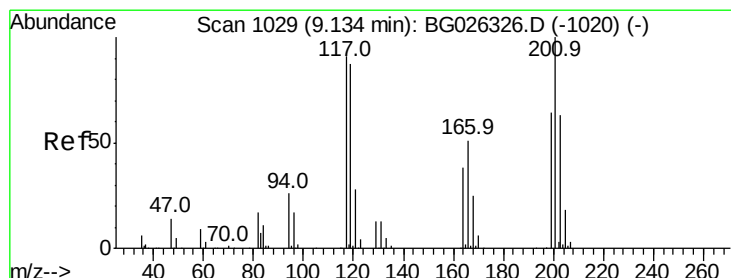
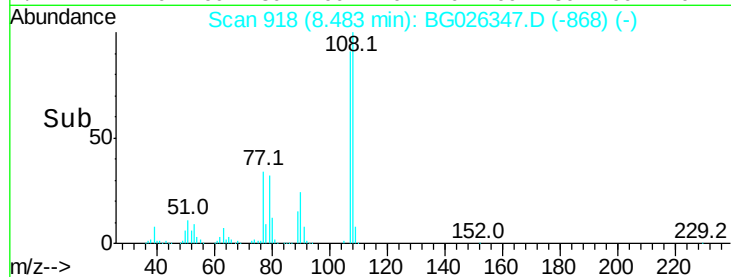
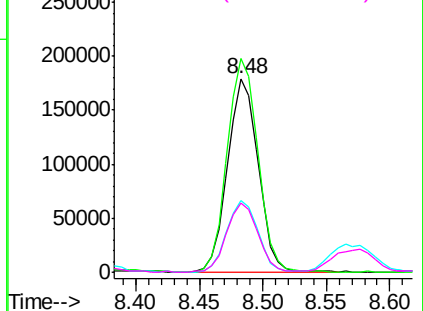
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

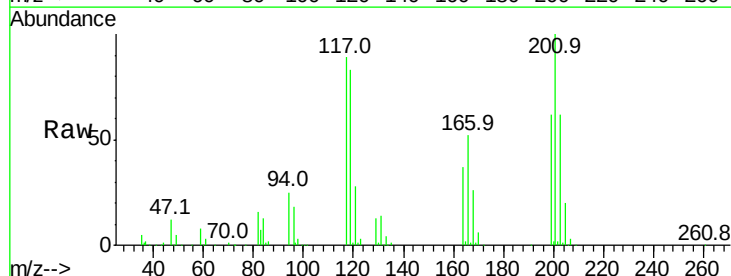
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 40.25 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG026347.D
Acq: 21 Mar 2017 4:16

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.2	69.8	104.6	
201	112.6	95.4	143.0	

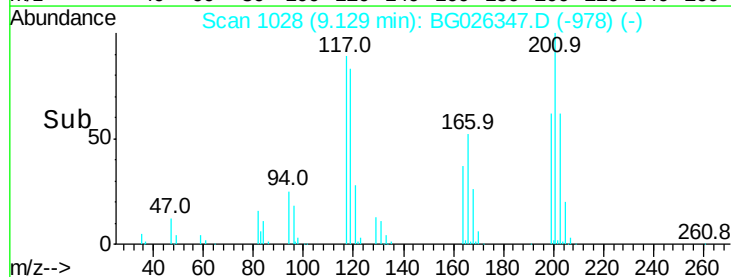
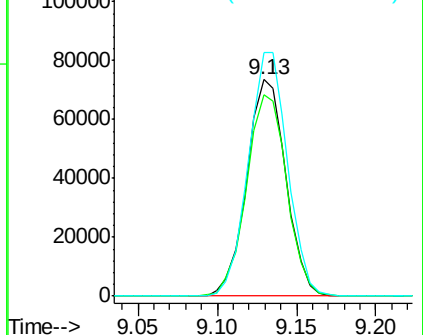


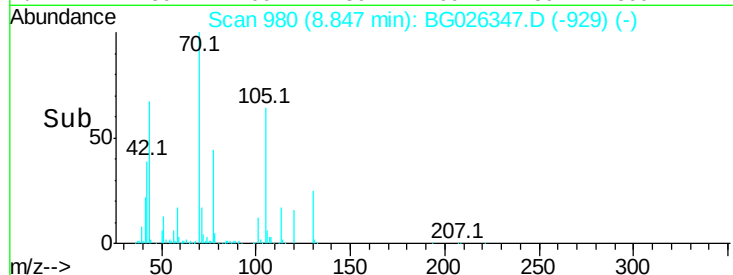
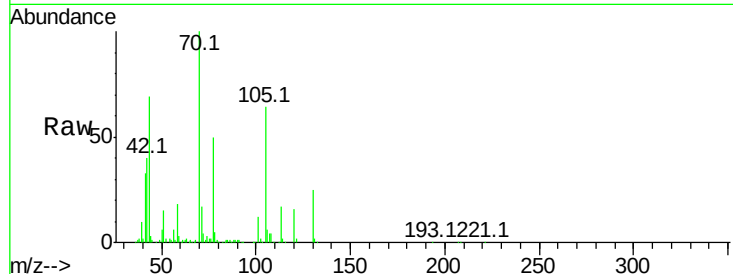
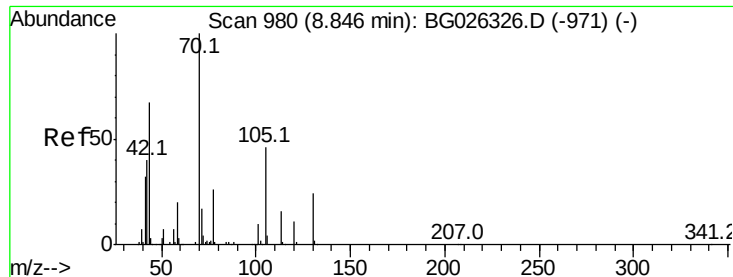
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





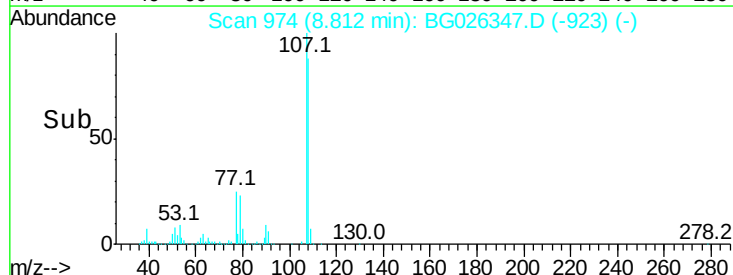
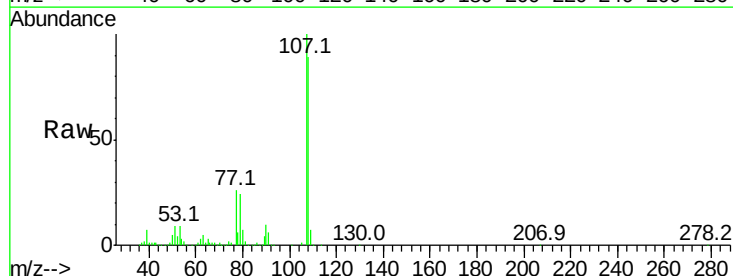
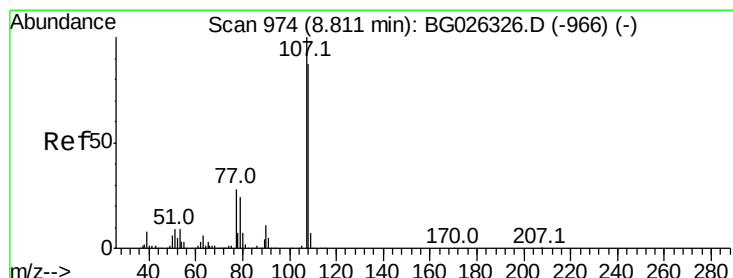
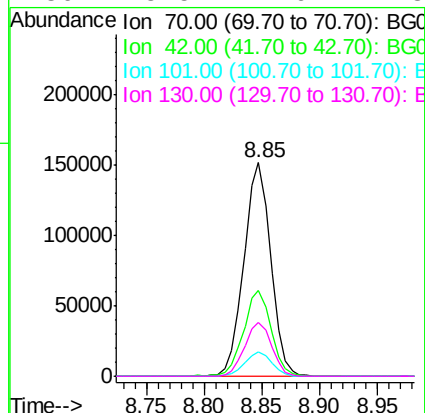
#19
n-Nitroso-di-n-propylamine
Concen: 40.14 ng
RT: 8.85 min Scan# 980
Delta R.T. 0.00 min
Lab File: BG026347.D
Acq: 21 Mar 2017 4:16

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	40.5	56.1	84.1#	
101	11.6	7.5	11.3#	
130	25.5	14.6	21.8#	

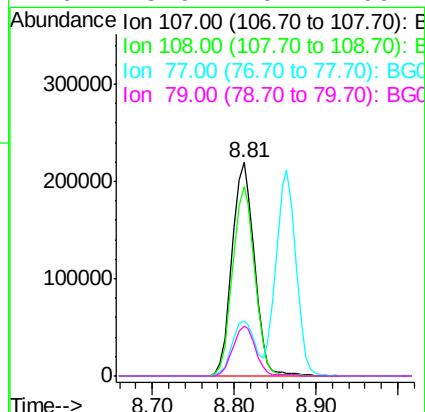
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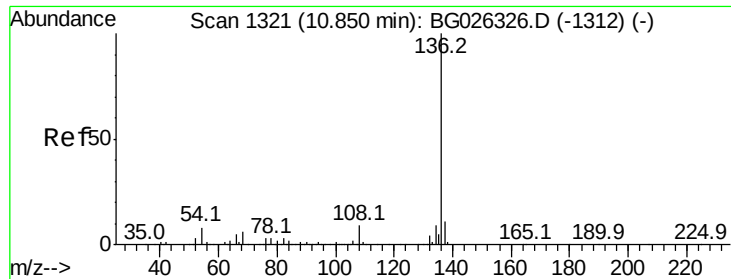
mohammad
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#20
3+4-Methylphenols
Concen: 42.43 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG026347.D
Acq: 21 Mar 2017 4:16

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.7	70.8	110.8	
77	25.8	25.8	65.8#	
79	23.6	20.1	60.1	





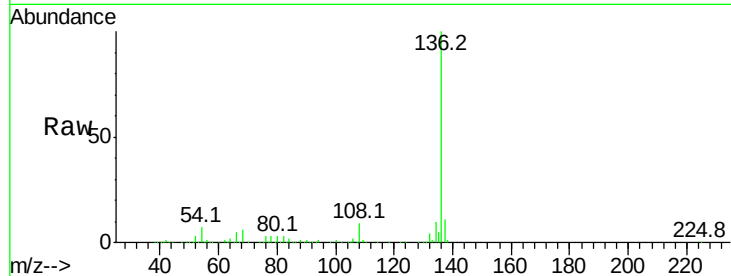
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.85 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BG026347.D
Acq: 21 Mar 2017 4:16

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

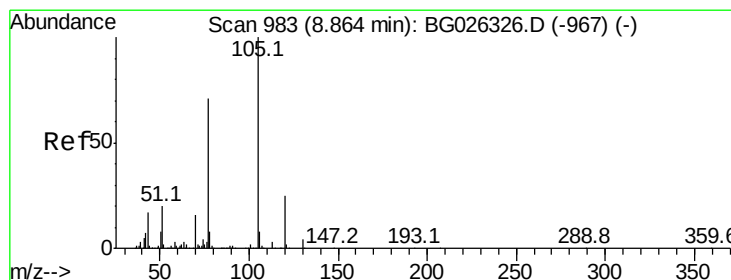
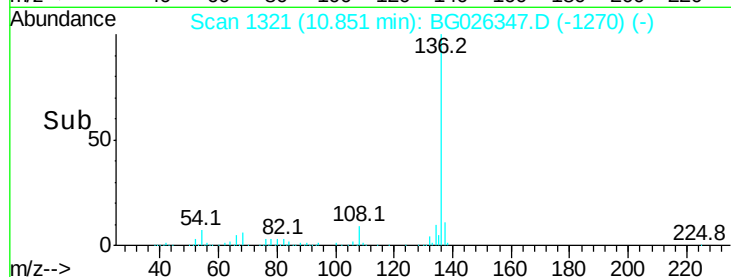
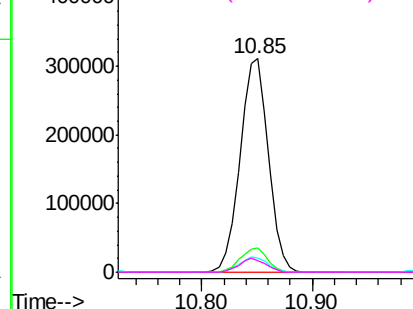
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.9	13.3	
54	6.8	9.3	13.9	
68	5.7	5.1	7.7	

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3/21/2017 5:22:33 PM



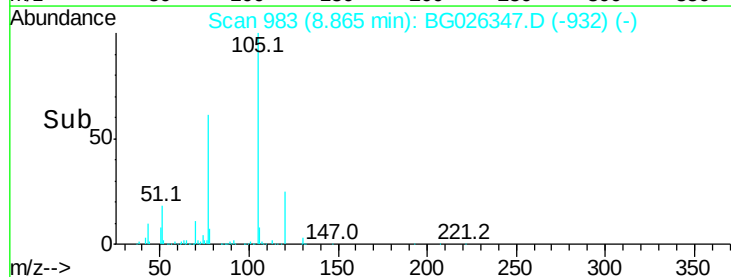
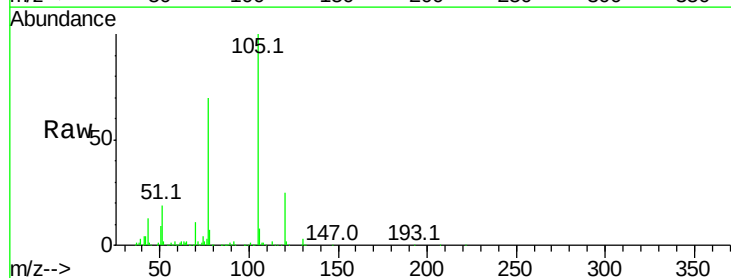
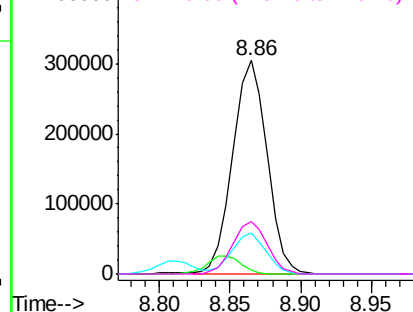
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

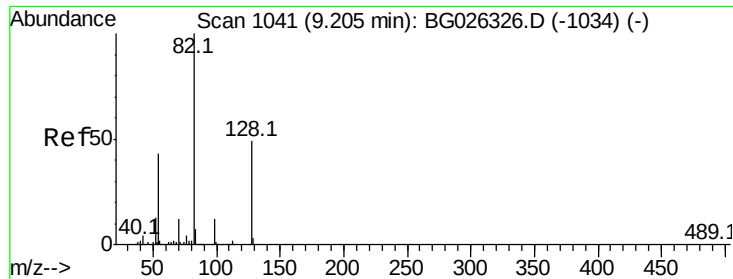


#22
Acetophenone
Concen: 40.11 ng
RT: 8.86 min Scan# 983
Delta R.T. 0.00 min
Lab File: BG026347.D
Acq: 21 Mar 2017 4:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.8	0.9	1.3	
51	18.9	34.0	51.0	
120	24.9	17.3	25.9	

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





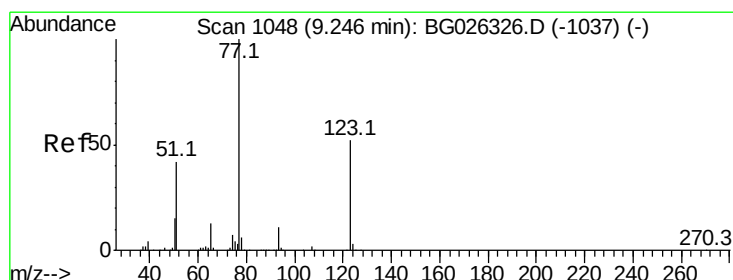
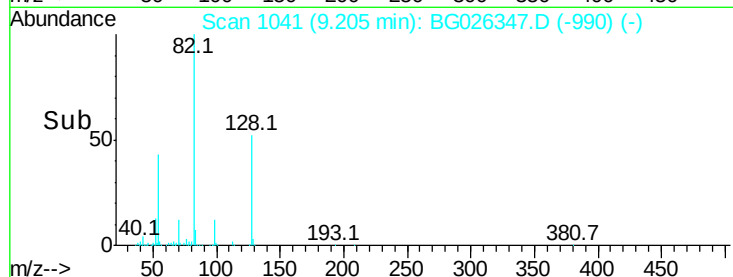
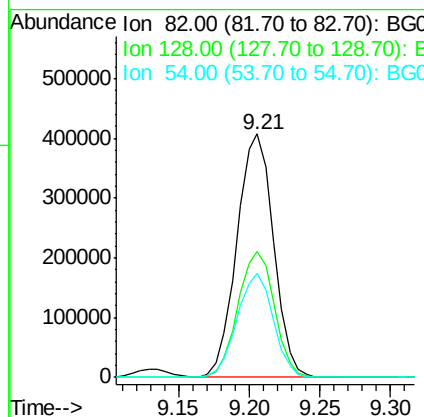
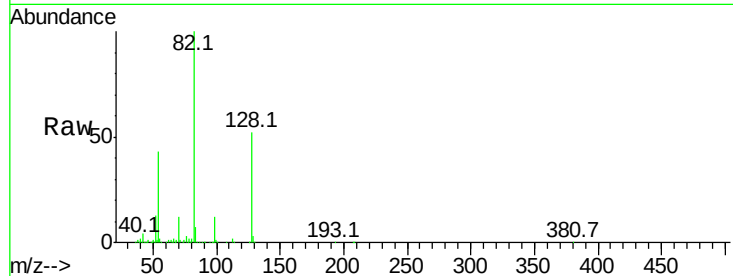
#23
 Nitrobenzene-d5
 Concen: 79.22 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BG026347.D
 Acq: 21 Mar 2017 4:16

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
82	100		
128	51.6	26.4	39.6#
54	42.6	49.4	74.2#

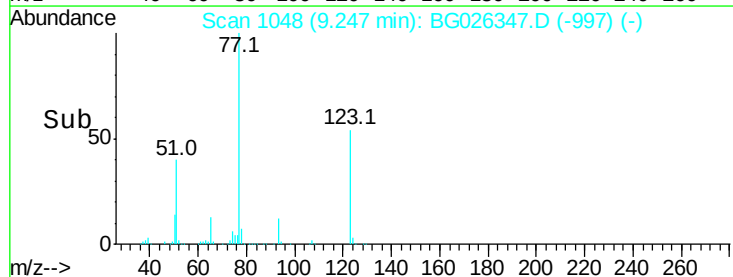
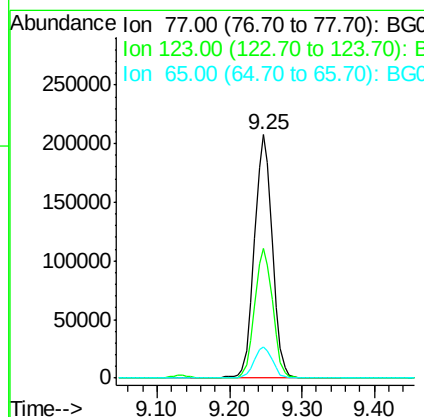
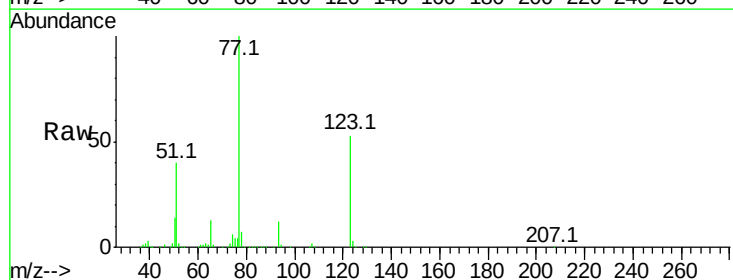
Manual Integrations
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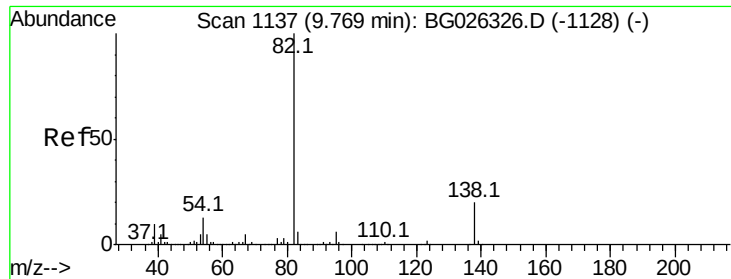
mohammad
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#24
 Nitrobenzene
 Concen: 38.90 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: BG026347.D
 Acq: 21 Mar 2017 4:16

Tgt Ion	Ratio	Lower	Upper
77	100		
123	53.4	26.1	39.1#
65	12.9	12.4	18.6





#25

Isophorone

Concen: 39.71 ng

RT: 9.77 min Scan# 1137

Delta R.T. 0.00 min

Lab File: BG026347.D

Acq: 21 Mar 2017 4:16

Instrument :

BNA_G

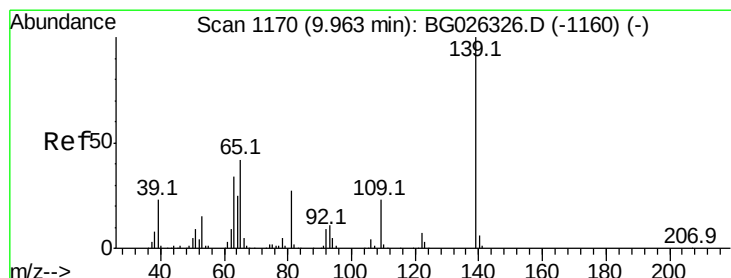
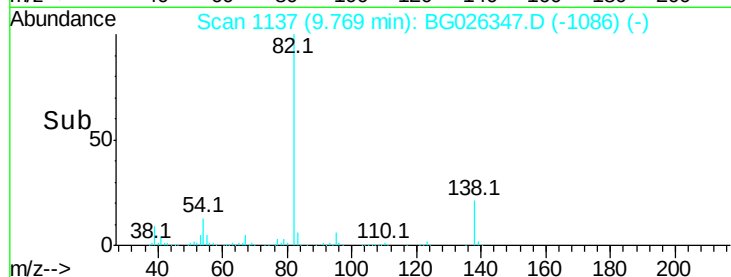
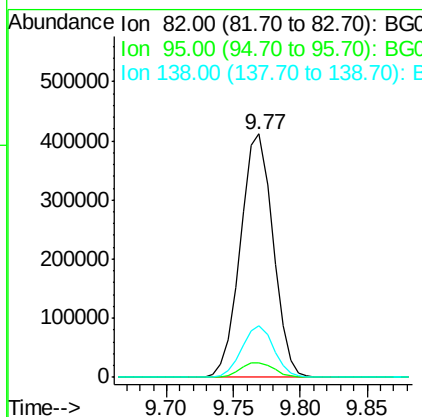
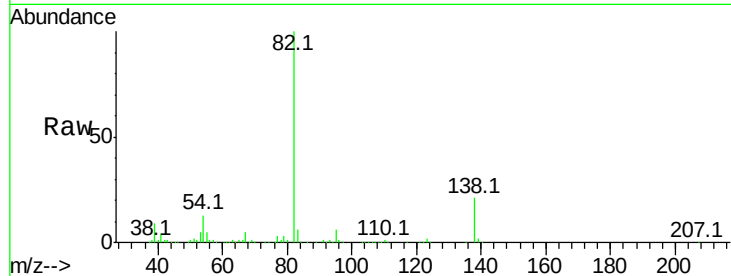
ClientSampleId :

SSTDCCC040EC

Tot Ion:	82	Resp:	696636
Ion Ratio	Lower	Upper	
82	100		
95	6.2	7.5	11.3#
138	21.2	12.3	18.5#

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#26

2-Nitrophenol

Concen: 42.04 ng

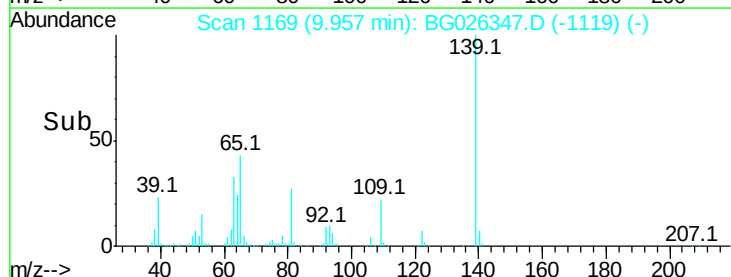
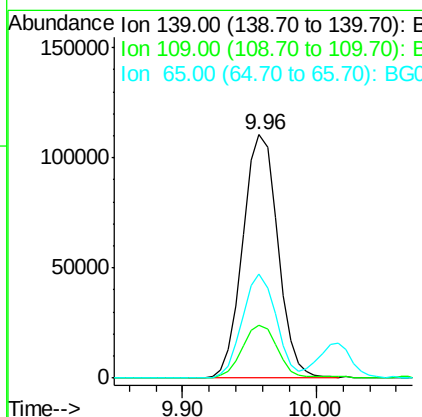
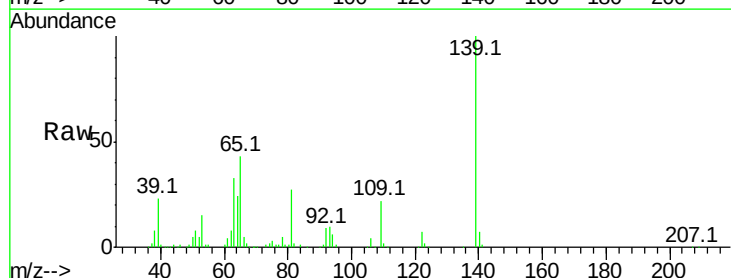
RT: 9.96 min Scan# 1169

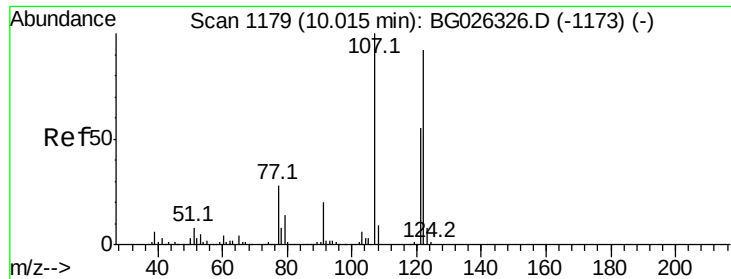
Delta R.T. -0.01 min

Lab File: BG026347.D

Acq: 21 Mar 2017 4:16

Tgt Ion:	139	Resp:	201017
Ion Ratio	Lower	Upper	
139	100		
109	21.8	38.6	58.0#
65	42.8	57.1	85.7#





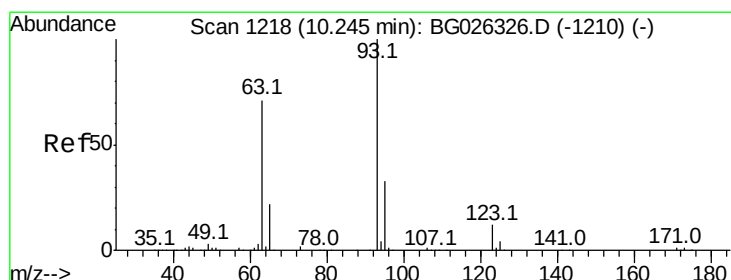
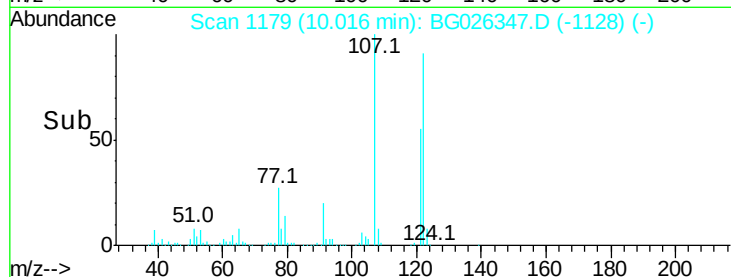
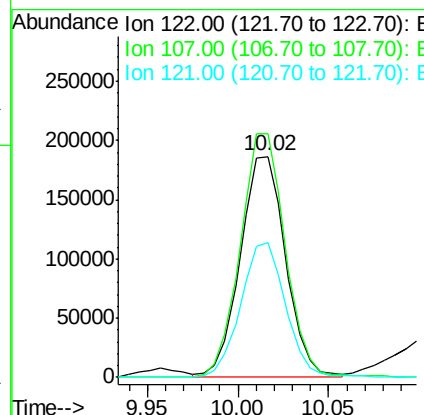
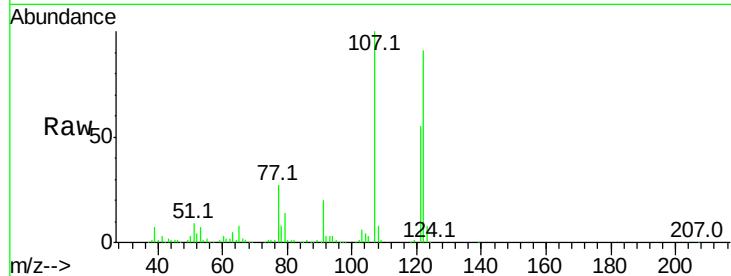
#27
2,4-Dimethylphenol
Concen: 41.18 ng
RT: 10.02 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BG026347.D
Acq: 21 Mar 2017 4:16

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.9	104.2	156.4
121	60.8	46.0	69.0

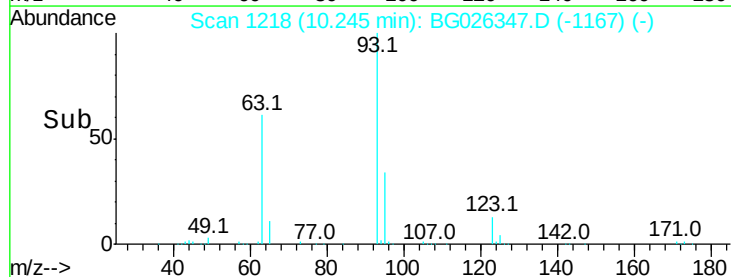
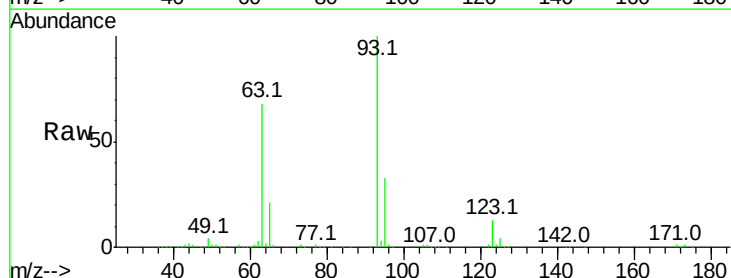
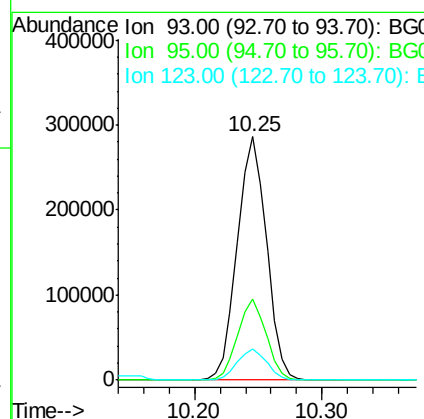
Manual Integrations
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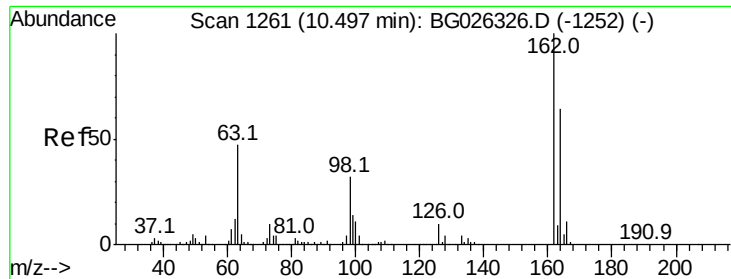
mohammad
3/21/2017 5:22:33 PM



#28
bis(2-Chloroethoxy)methane
Concen: 39.99 ng
RT: 10.25 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BG026347.D
Acq: 21 Mar 2017 4:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	25.7	38.5
123	12.8	8.3	12.5#





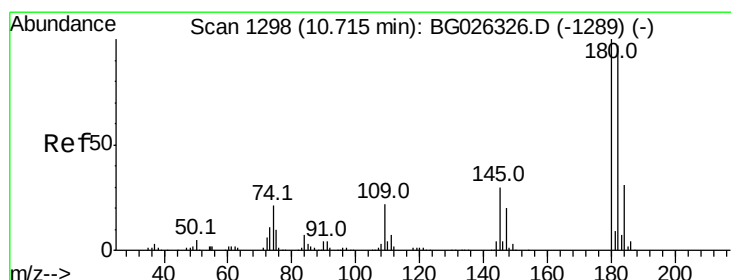
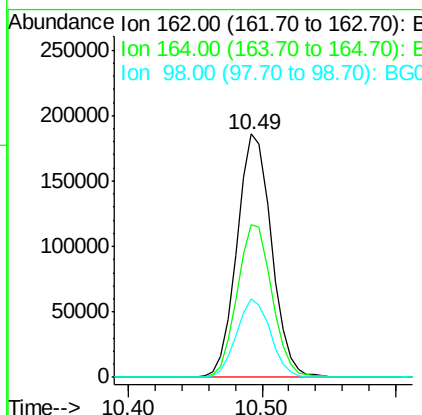
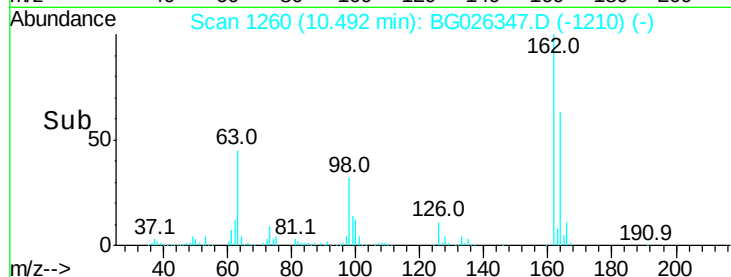
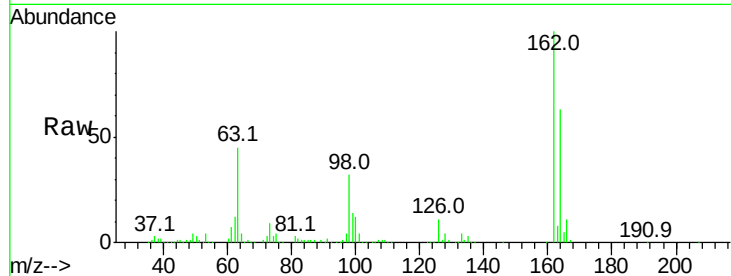
#29
 2,4-Dichlorophenol
 Concen: 41.91 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BG026347.D
 Acq: 21 Mar 2017 4:16

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
162	100	332725		
164	62.8	42.4	82.4	
98	32.0	20.3	60.3	

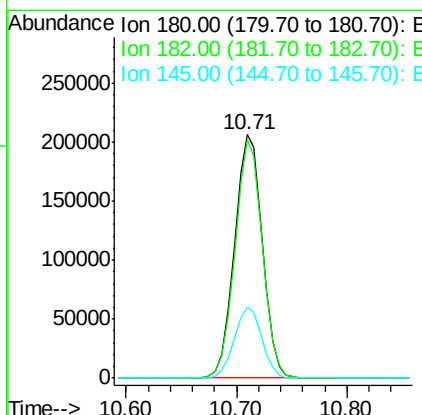
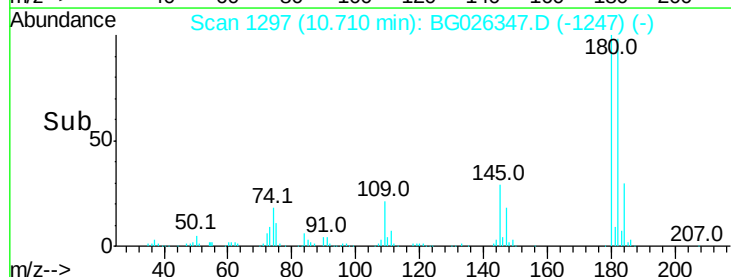
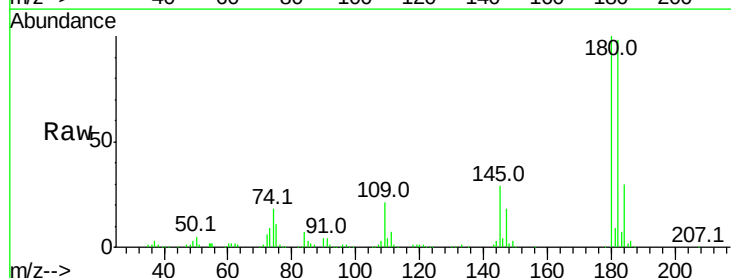
Manual Integrations
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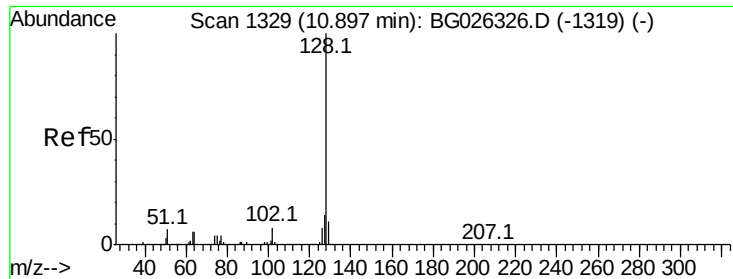
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.72 ng
 RT: 10.71 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BG026347.D
 Acq: 21 Mar 2017 4:16

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	363135		
182	97.8	77.0	115.4	
145	29.1	23.4	35.0	





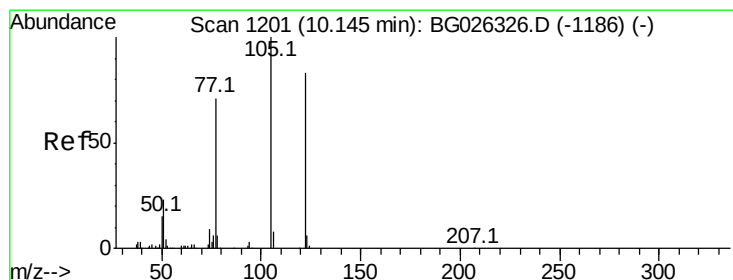
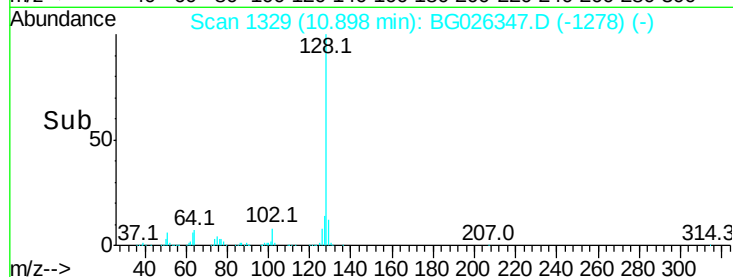
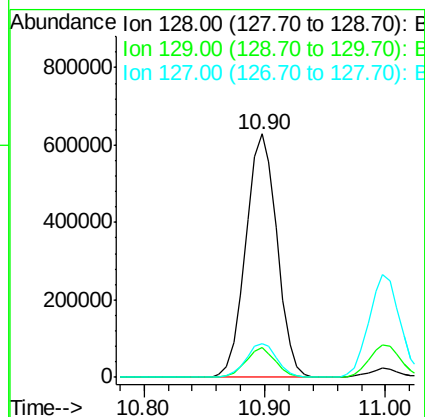
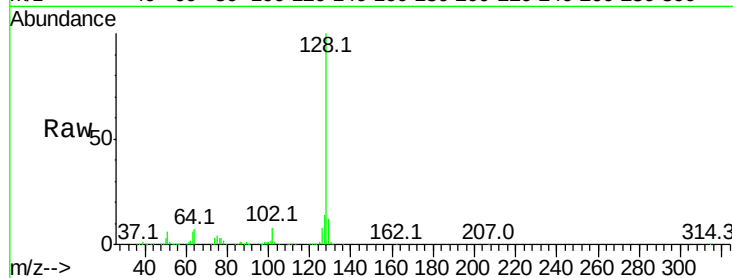
#31
Naphthalene
Concen: 40.05 ng
RT: 10.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BG026347.D
Acq: 21 Mar 2017 4:16

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.3	13.9
127	14.1	11.4	17.0

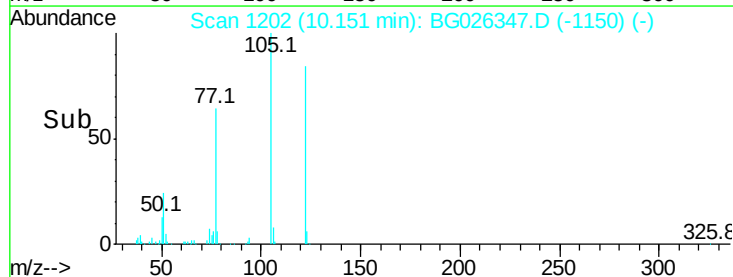
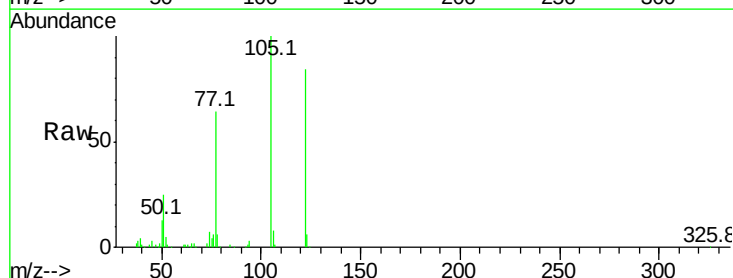
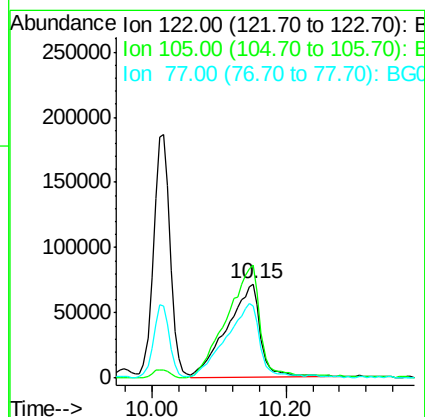
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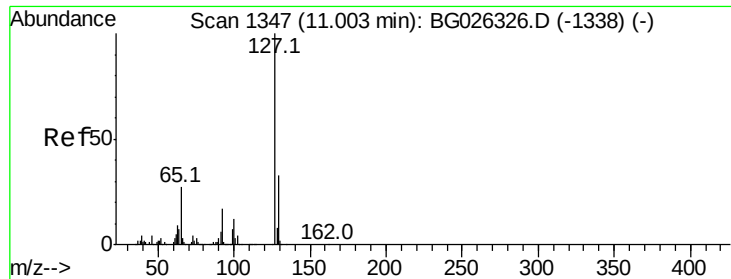
mohammad
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#32
Benzoic acid
Concen: 41.96 ng
RT: 10.15 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BG026347.D
Acq: 21 Mar 2017 4:16

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.7	120.1	160.1#
77	76.7	104.6	144.6#





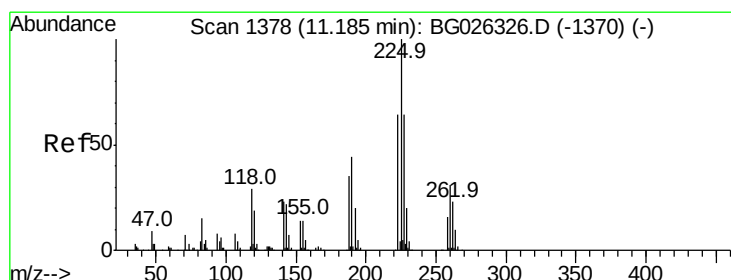
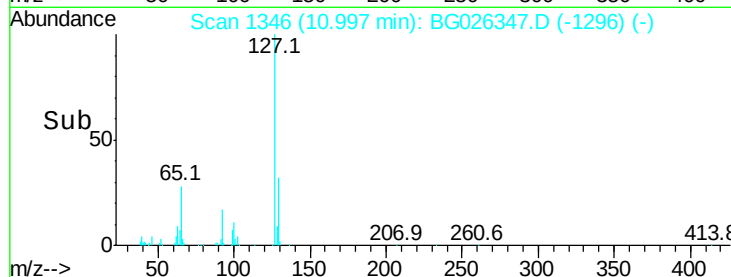
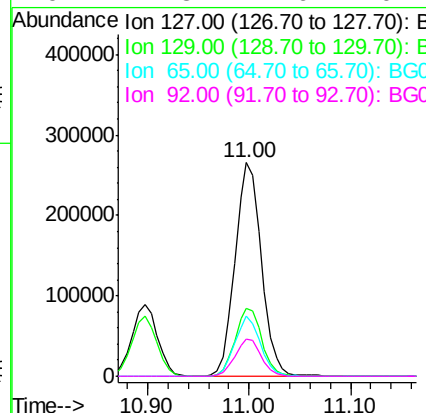
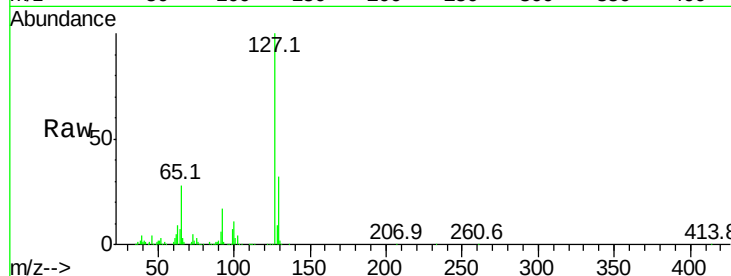
#33
4-Chloroaniline
Concen: 41.49 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG026347.D
Acq: 21 Mar 2017 4:16

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		477521		
129	31.9	23.6	35.4		
65	28.1	37.7	56.5		
92	17.3	17.6	26.4		

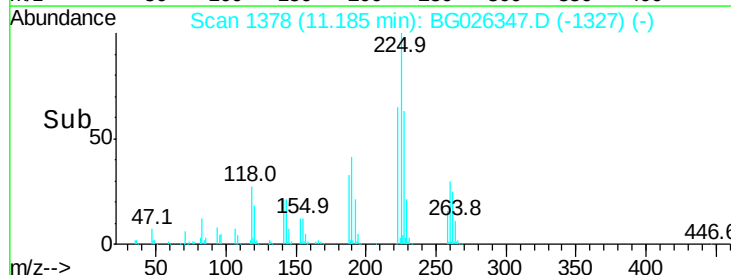
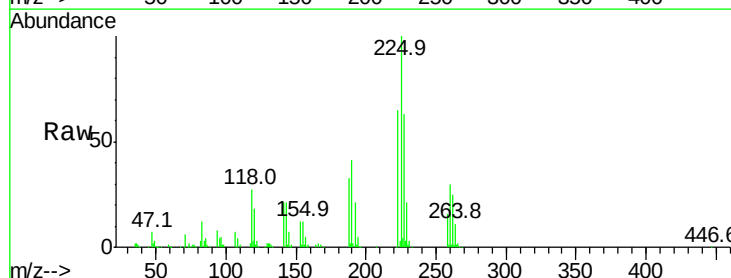
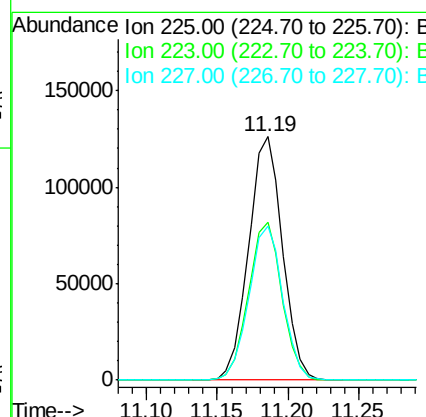
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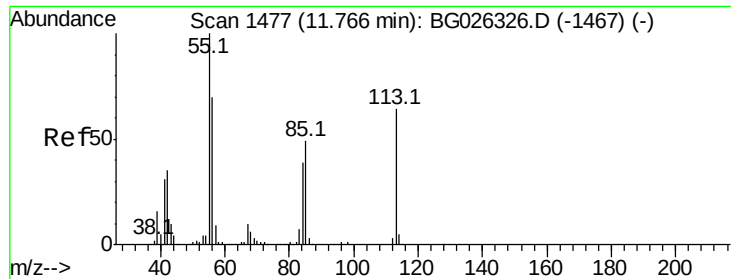
mohammad
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#34
Hexachlorobutadiene
Concen: 40.34 ng
RT: 11.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BG026347.D
Acq: 21 Mar 2017 4:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		212209		
223	65.0	50.7	76.1		
227	63.2	49.0	73.6		





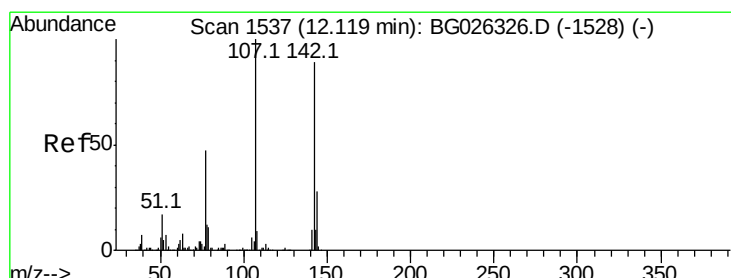
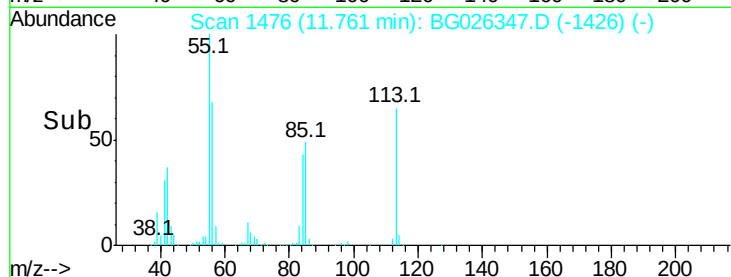
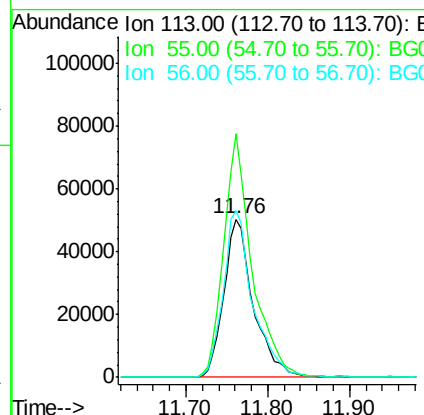
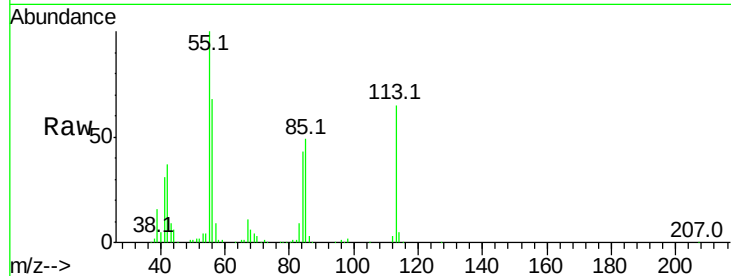
#35
 Caprolactam
 Concen: 40.40 ng
 RT: 11.76 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: BG026347.D
 Acq: 21 Mar 2017 4:16

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
113	100		
55	154.3	198.6	238.6#
56	105.4	140.4	180.4#

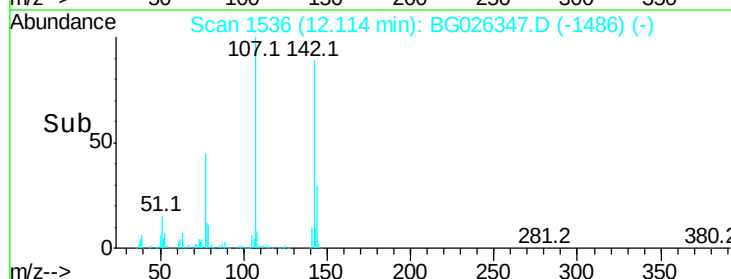
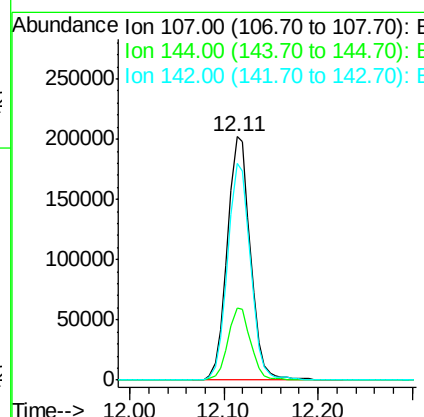
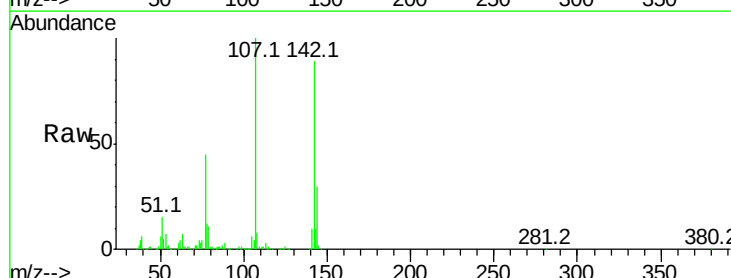
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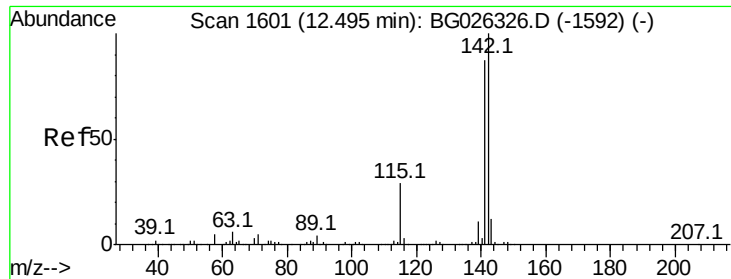
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 40.90 ng
 RT: 12.11 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: BG026347.D
 Acq: 21 Mar 2017 4:16

Tgt Ion	Ratio	Lower	Upper
107	100		
144	29.7	17.4	26.0#
142	88.9	54.1	81.1#





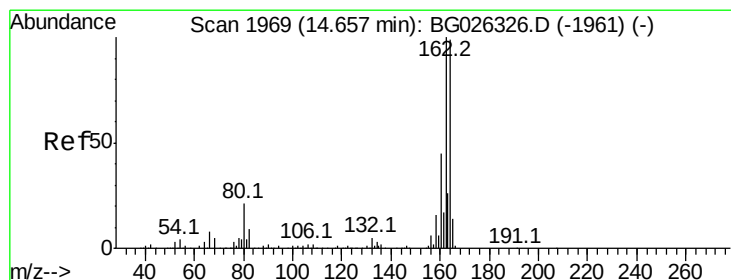
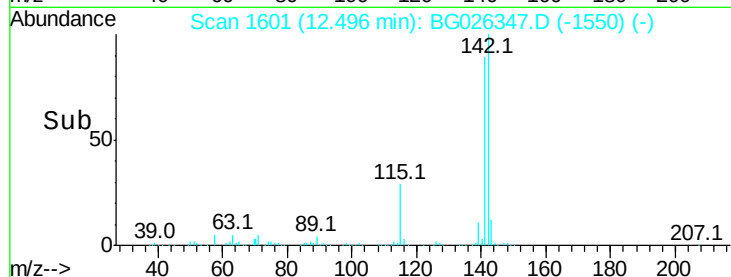
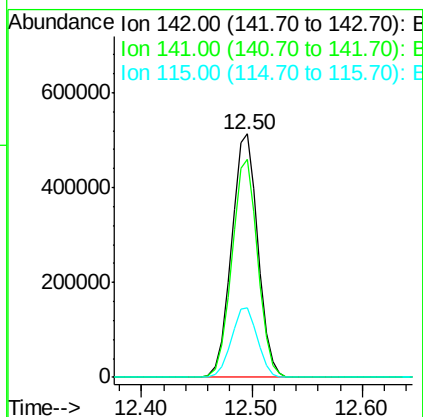
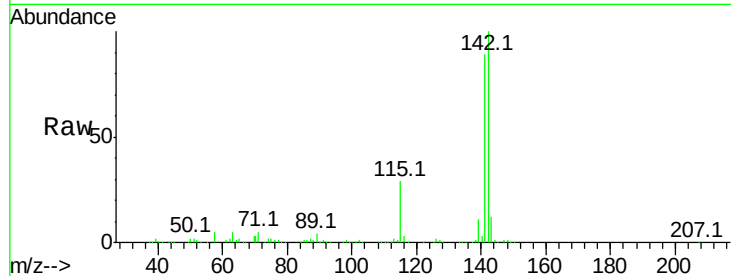
#37
2-Methylnaphthalene
Concen: 41.24 ng
RT: 12.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: BG026347.D
Acq: 21 Mar 2017 4:16

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.4	105.6
115	28.5	35.5	53.3

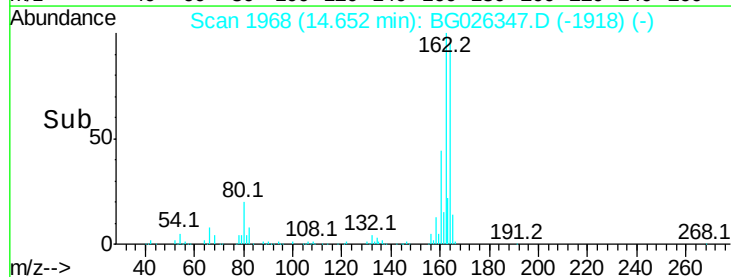
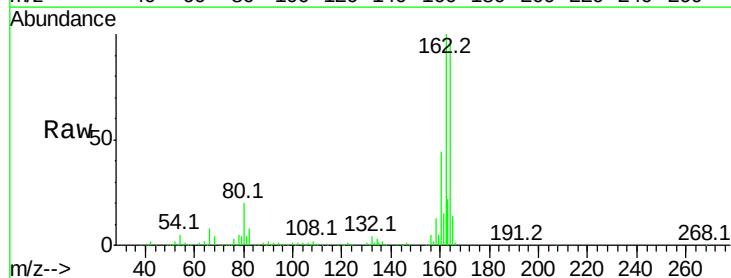
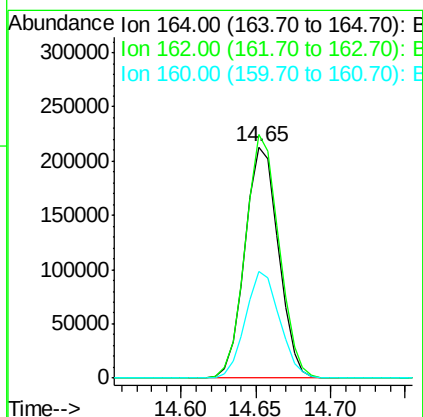
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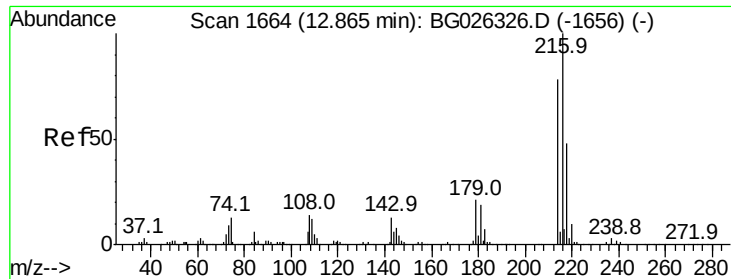
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG026347.D
Acq: 21 Mar 2017 4:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	85.1	127.7
160	46.1	34.7	52.1





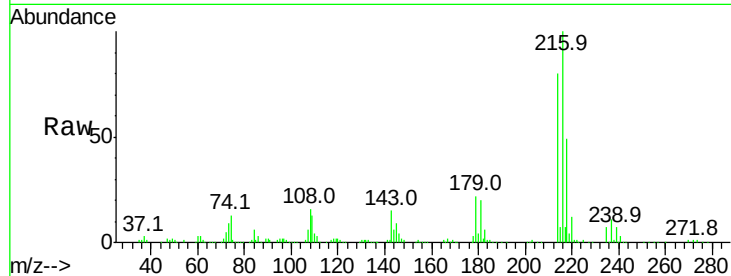
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.75 ng
 RT: 12.86 min Scan# 1663
 Delta R.T. -0.01 min
 Lab File: BG026347.D
 Acq: 21 Mar 2017 4:16

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

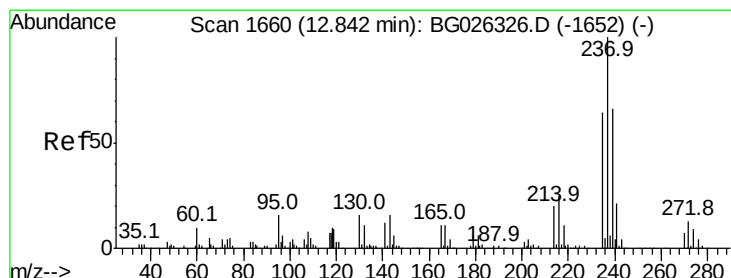
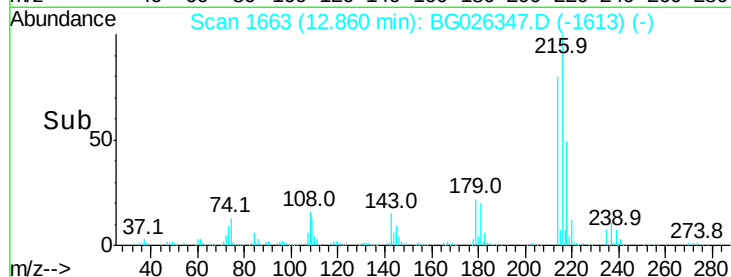
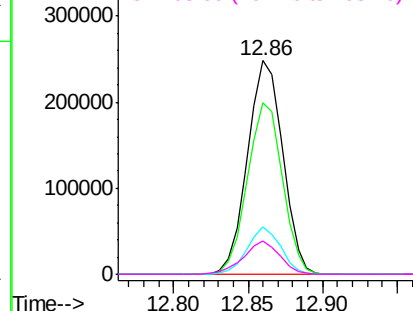
Tot Ion	Ratio	Resp	Lower	Upper
216	100	404877		
214	79.5	64.4	96.6	
179	20.8	17.4	26.0	
108	15.9	15.6	23.4	

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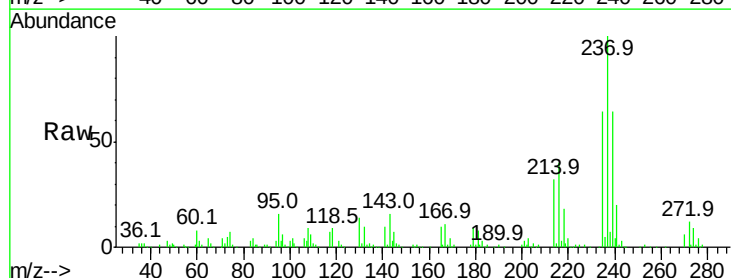


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

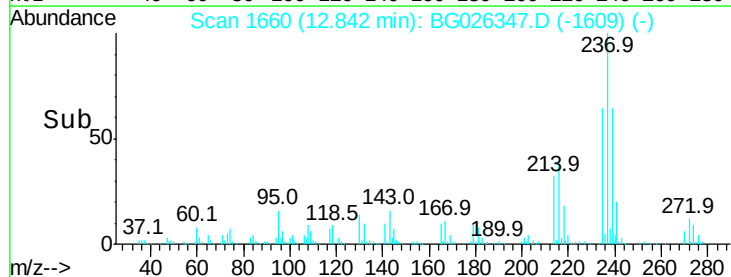
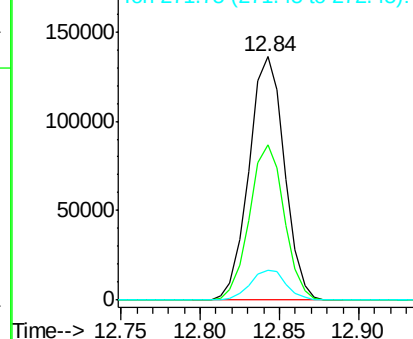


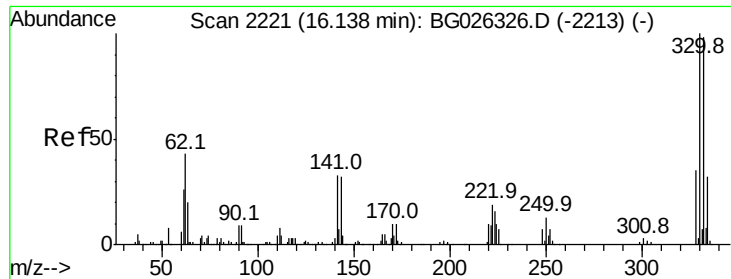
#40
 Hexachlorocyclopentadiene
 Concen: 40.42 ng
 RT: 12.84 min Scan# 1660
 Delta R.T. 0.00 min
 Lab File: BG026347.D
 Acq: 21 Mar 2017 4:16

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	211413		
235	63.6	39.4	79.4	
272	12.5	0.0	32.0	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 83.73 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.01 min

Lab File: BG026347.D

Acq: 21 Mar 2017 4:16

Instrument :

BNA_G

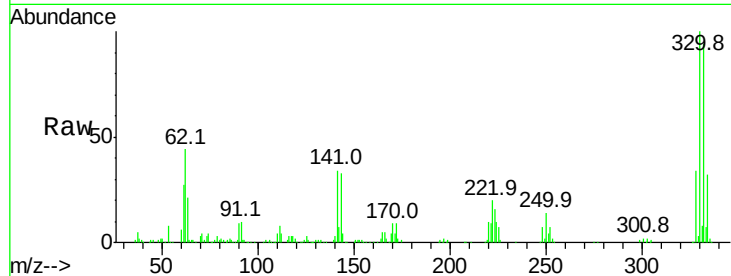
ClientSampleId :

SSTDCCC040EC

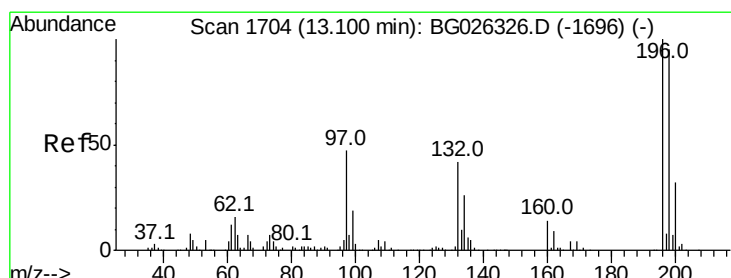
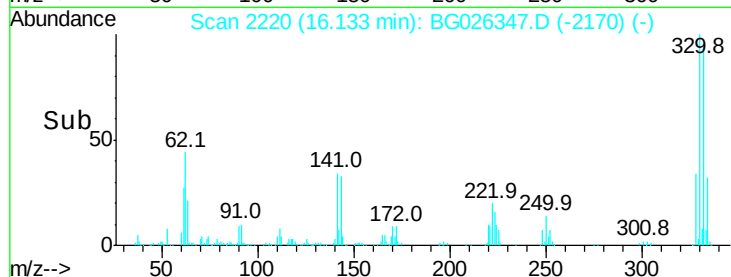
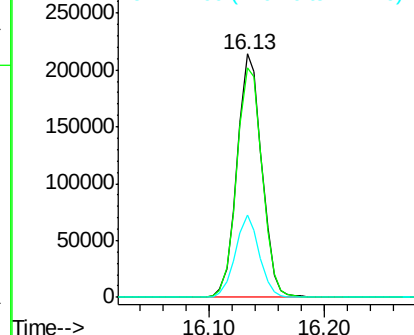
Tot Ion:	330	Resp:	316652
Ion Ratio	Lower	Upper	
330	100		
332	97.2	77.3	115.9
141	32.7	32.1	48.1

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



#42

2,4,6-Trichlorophenol

Concen: 41.26 ng

RT: 13.09 min Scan# 1703

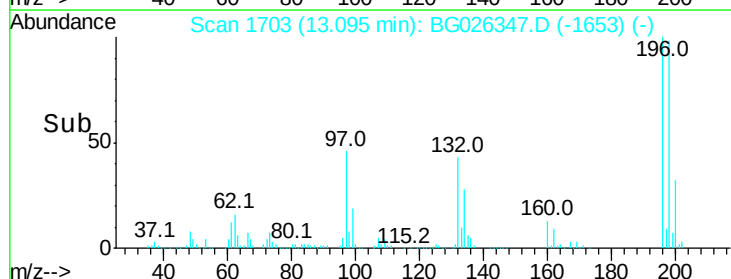
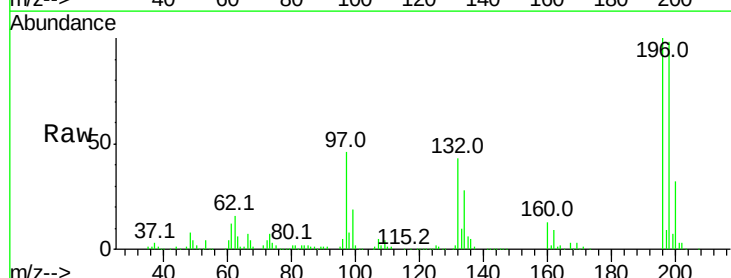
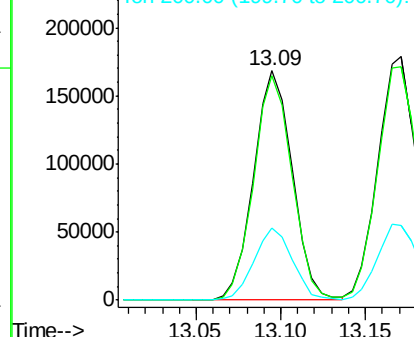
Delta R.T. -0.01 min

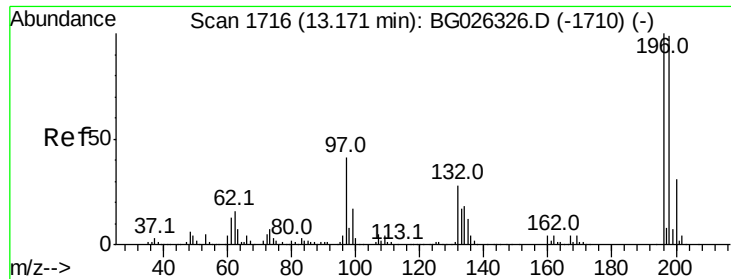
Lab File: BG026347.D

Acq: 21 Mar 2017 4:16

Tgt Ion:	196	Resp:	268445
Ion Ratio	Lower	Upper	
196	100		
198	97.8	81.4	122.2
200	31.6	27.0	40.6

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





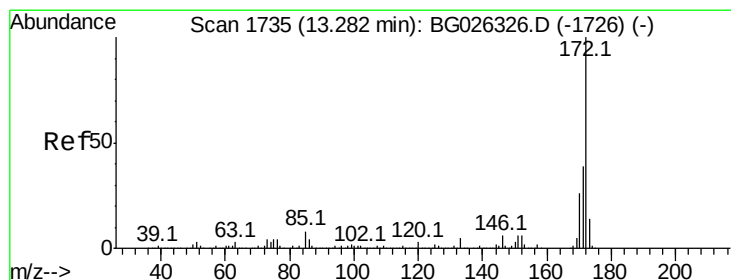
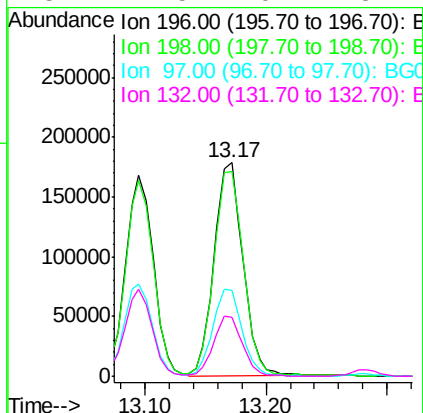
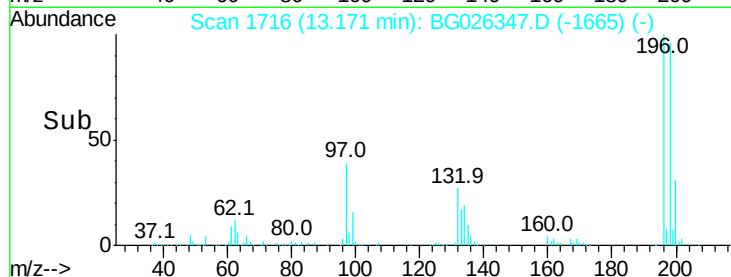
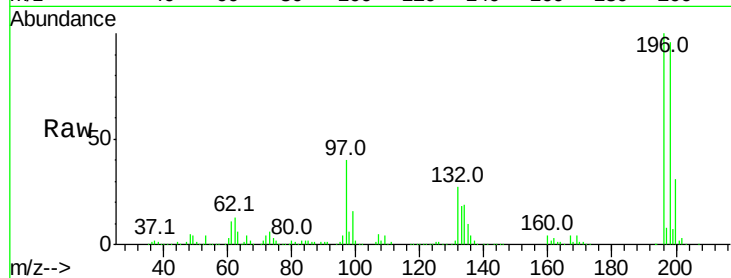
#43
 2,4,5-Trichlorophenol
 Concen: 41.04 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG026347.D
 Acq: 21 Mar 2017 4:16

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
196	100	295142		
198	96.1	79.9	119.9	
97	40.3	45.4	68.0	
132	27.5	20.7	31.1	

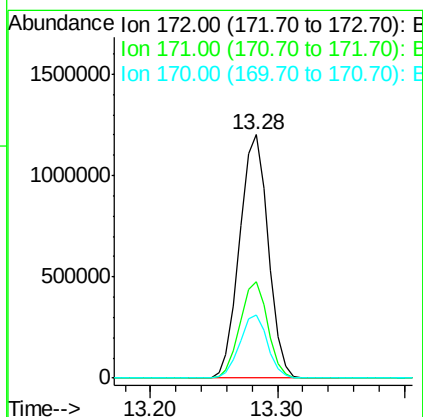
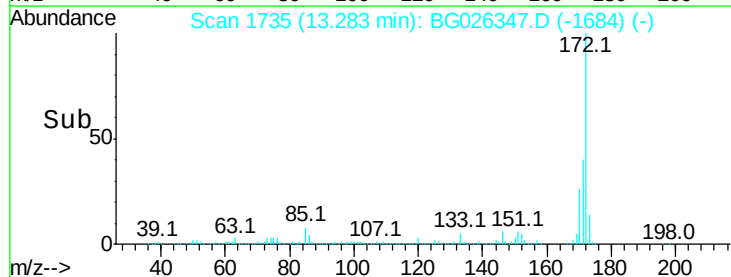
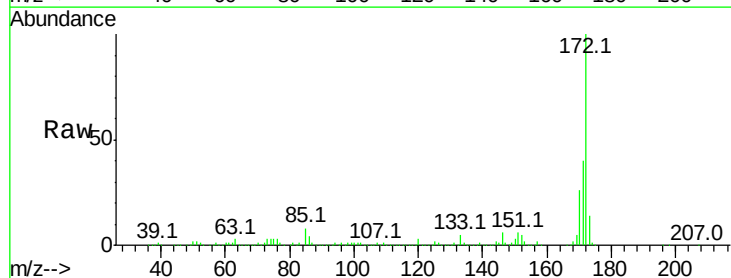
Manual Integrations
 APPROVED

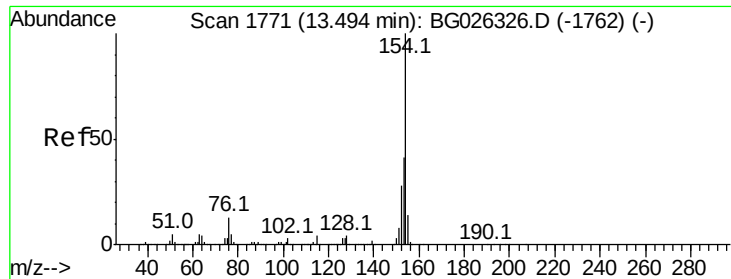
mohammad
 3/21/2017 5:22:33 PM



#44
 2-Fluorobiphenyl
 Concen: 79.55 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. 0.00 min
 Lab File: BG026347.D
 Acq: 21 Mar 2017 4:16

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1873342		
171	39.6	32.2	48.2	
170	26.0	21.8	32.6	





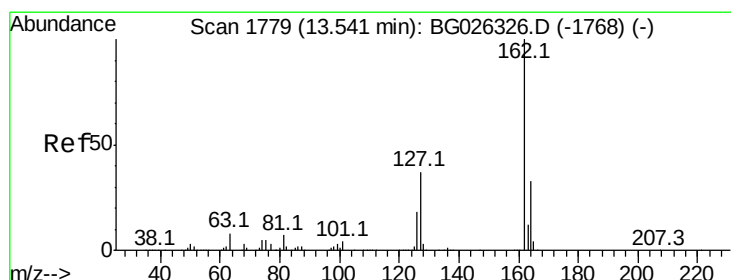
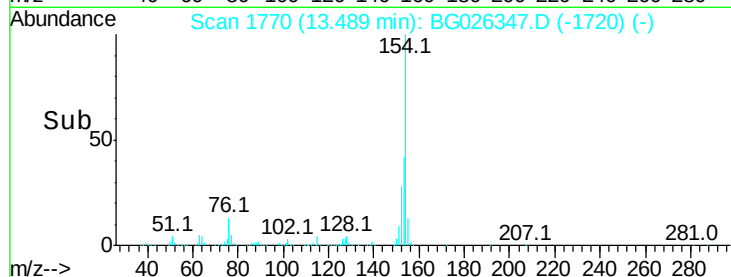
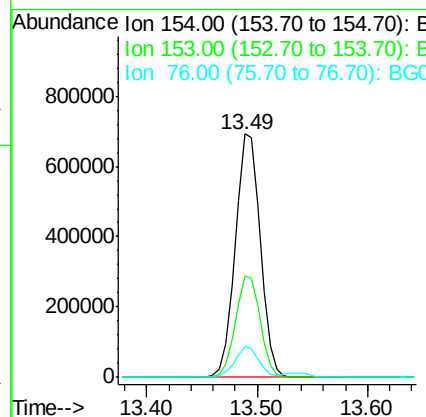
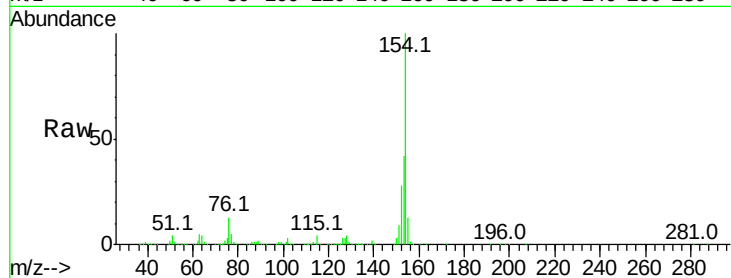
#45
1,1'-Biphenyl
Concen: 40.15 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BG026347.D
Acq: 21 Mar 2017 4:16

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.9	23.0	63.0
76	12.8	0.0	33.5

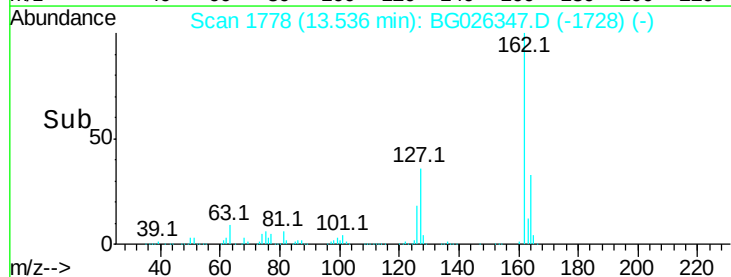
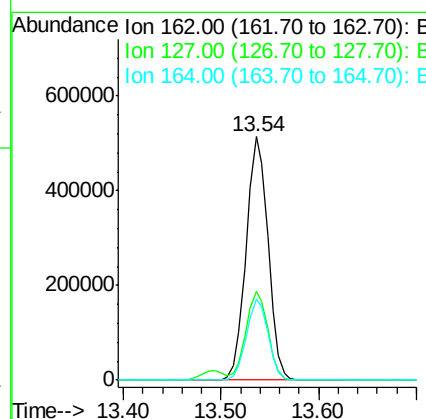
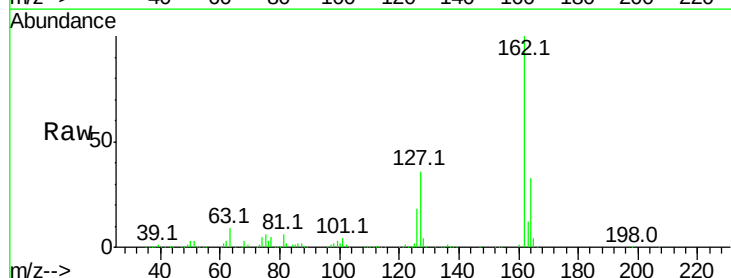
Manual Integrations
APPROVED

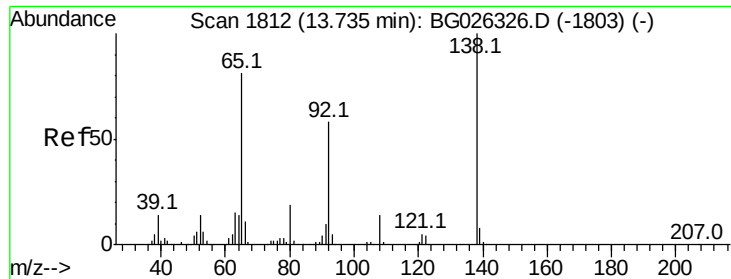
mohammad
3/21/2017 5:22:33 PM



#46
2-Chloronaphthalene
Concen: 40.18 ng
RT: 13.54 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BG026347.D
Acq: 21 Mar 2017 4:16

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.2	32.2	48.4
164	33.1	27.3	40.9





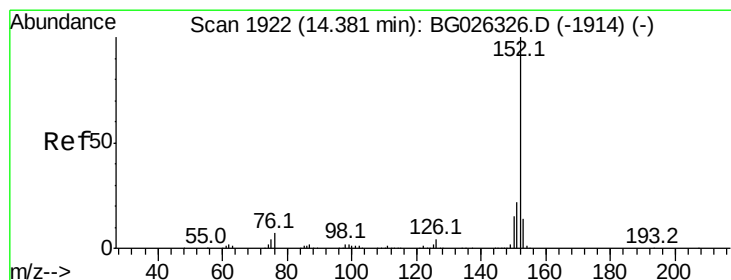
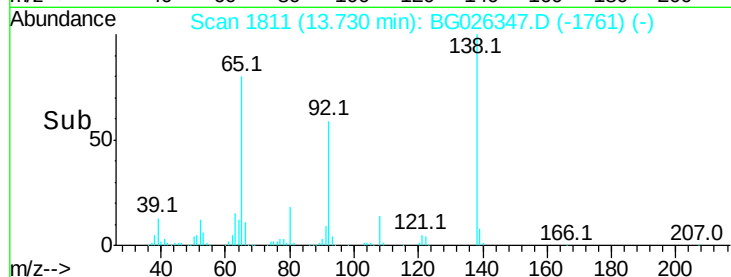
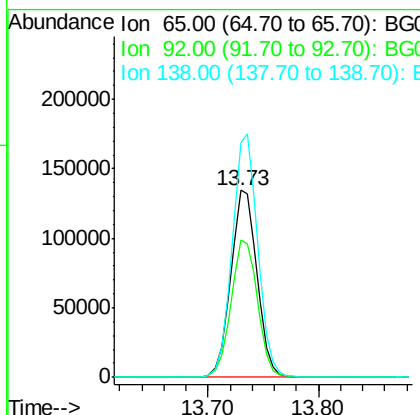
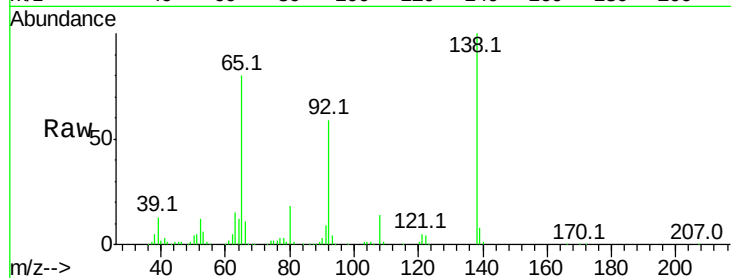
#47
2-Nitroaniline
Concen: 39.53 ng
RT: 13.73 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BG026347.D
Acq: 21 Mar 2017 4:16

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.6	49.0	73.4#
138	125.6	58.6	87.8#

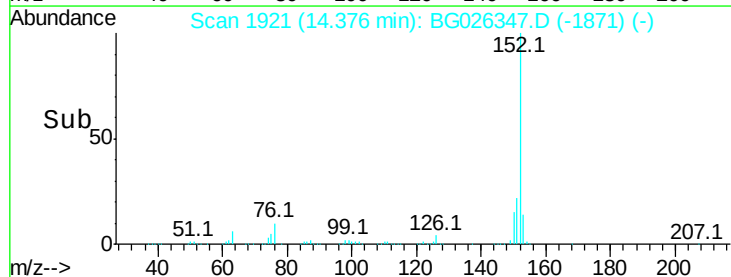
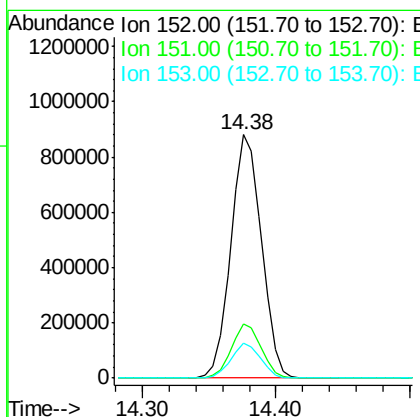
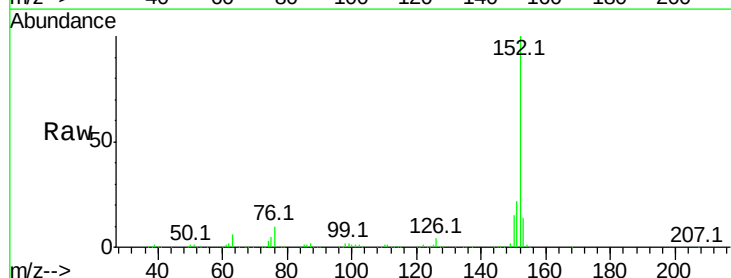
Manual Integrations
APPROVED

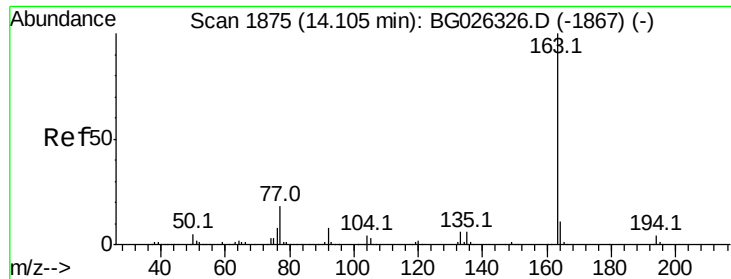
mohammad
3/21/2017 5:22:33 PM



#48
Acenaphthylene
Concen: 40.32 ng
RT: 14.38 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BG026347.D
Acq: 21 Mar 2017 4:16

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.2	18.2	27.2
153	14.1	11.3	16.9





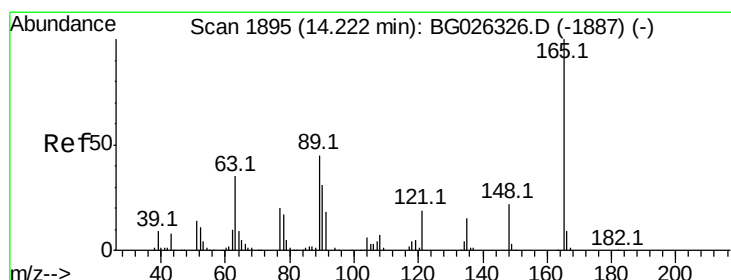
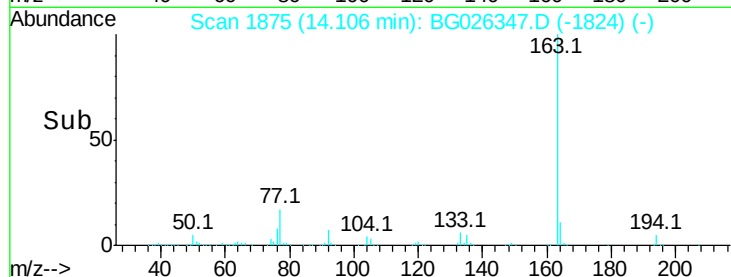
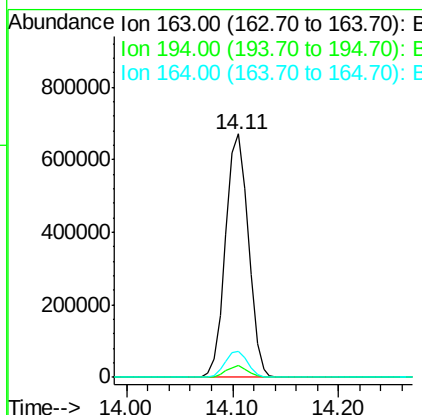
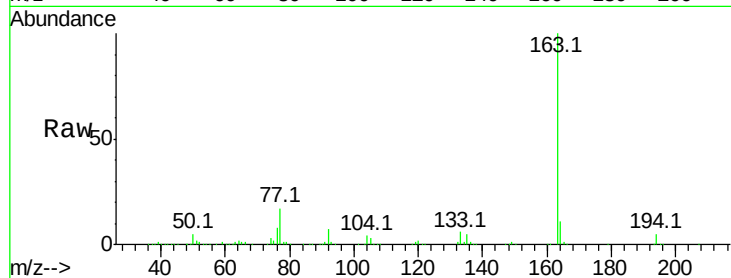
#49
Dimethylphthalate
Concen: 40.23 ng
RT: 14.11 min Scan# 1875
Delta R.T. 0.00 min
Lab File: BG026347.D
Acq: 21 Mar 2017 4:16

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:163 Resp: 1002643
Ion Ratio Lower Upper
163 100
194 4.8 3.8 5.6
164 10.9 9.3 13.9

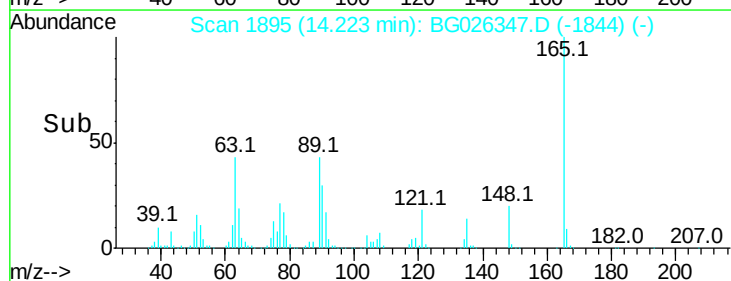
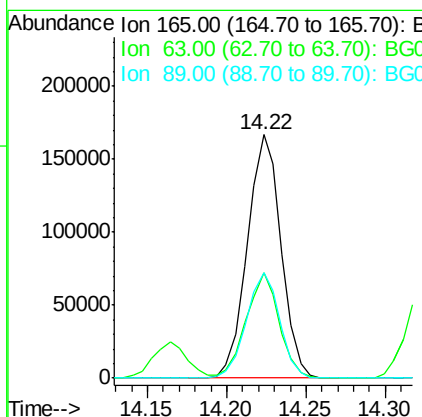
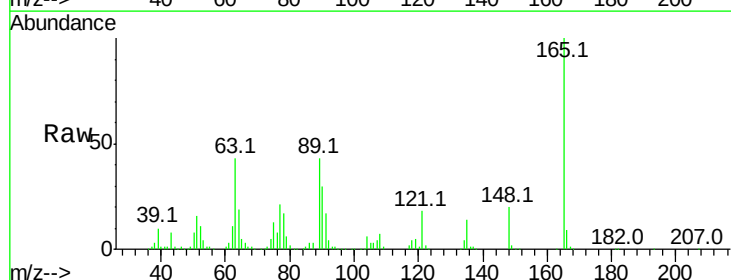
Manual Integrations
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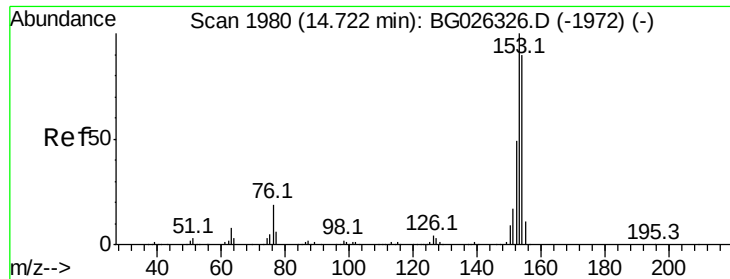
mohammad
3/21/2017 5:22:33 PM



#50
2,6-Dinitrotoluene
Concen: 42.22 ng
RT: 14.22 min Scan# 1895
Delta R.T. 0.00 min
Lab File: BG026347.D
Acq: 21 Mar 2017 4:16

Tgt Ion:165 Resp: 245634
Ion Ratio Lower Upper
165 100
63 43.3 63.9 95.9#
89 43.4 58.6 88.0#





#51

Acenaphthene

Concen: 39.67 ng

RT: 14.72 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BG026347.D

Acq: 21 Mar 2017 4:16

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:154 Resp: 850586

Ion Ratio Lower Upper

154 100

153 112.1 87.8 131.6

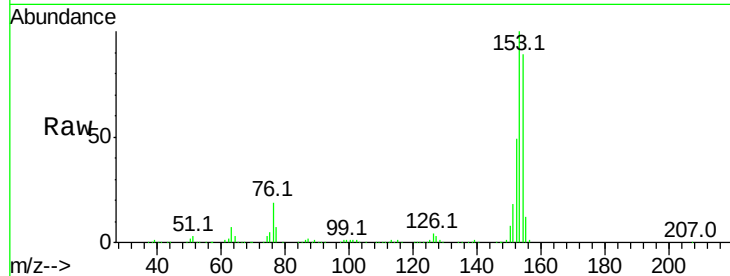
152 54.5 42.2 63.4

Manual Integrations

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mohammad

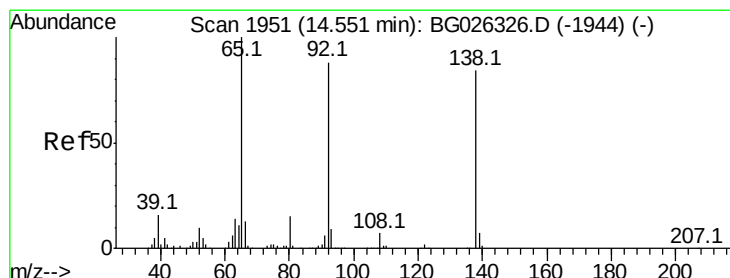
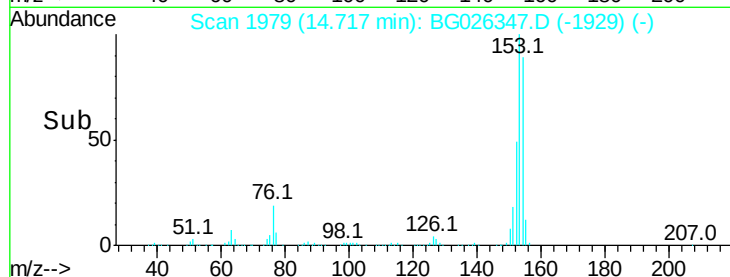
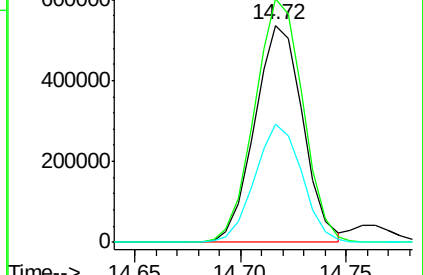
3/21/2017 5:22:33 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 41.02 ng

RT: 14.55 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BG026347.D

Acq: 21 Mar 2017 4:16

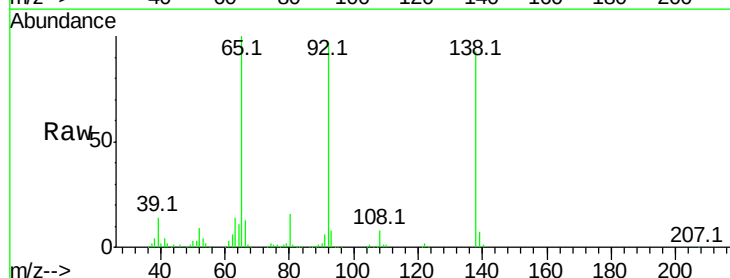
Tgt Ion:138 Resp: 262731

Ion Ratio Lower Upper

138 100

108 8.8 10.9 16.3#

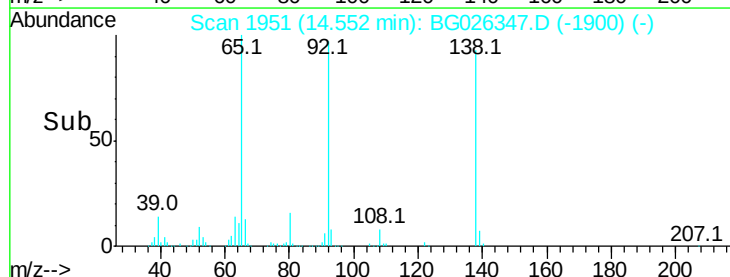
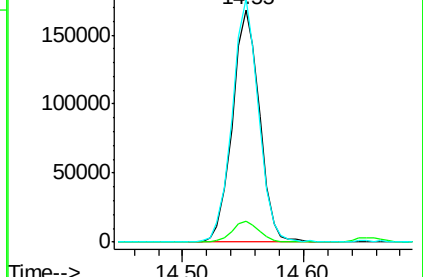
92 104.9 115.3 172.9#

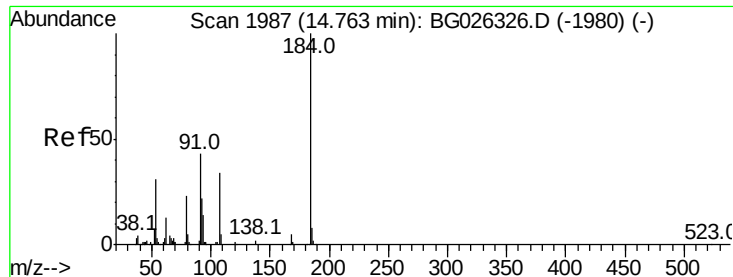


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





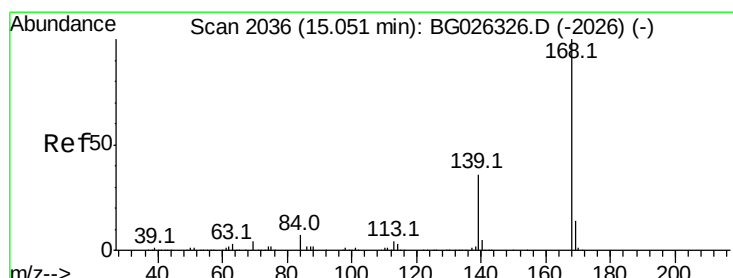
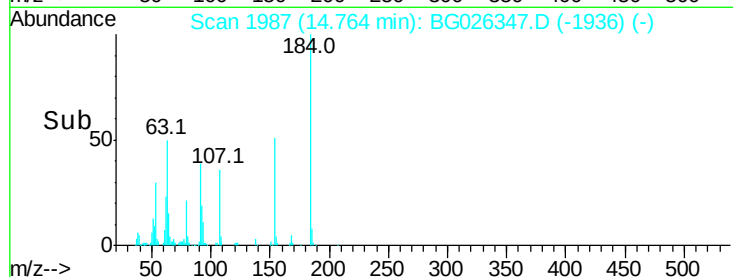
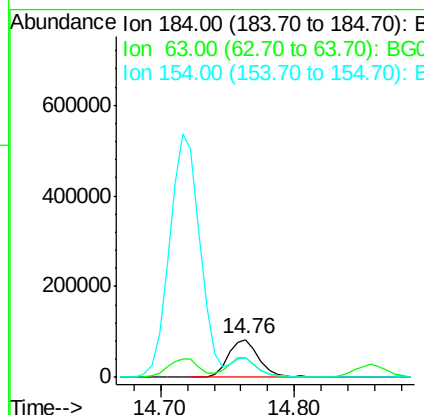
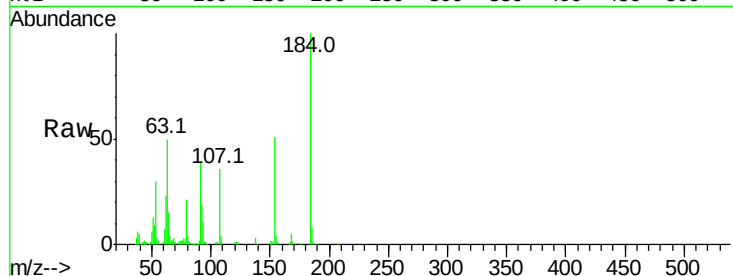
#53
2,4-Dinitrophenol
Concen: 40.18 ng
RT: 14.76 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BG026347.D
Acq: 21 Mar 2017 4:16

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
184	100		
63	49.9	52.7	79.1#
154	50.8	57.3	85.9#

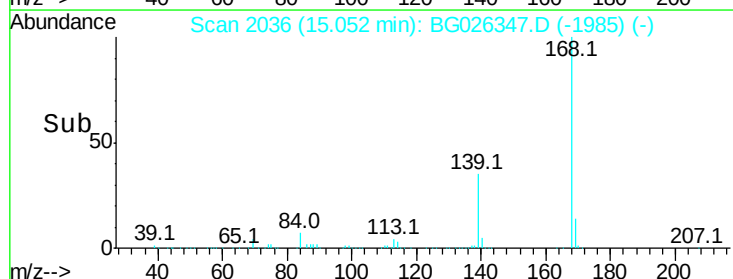
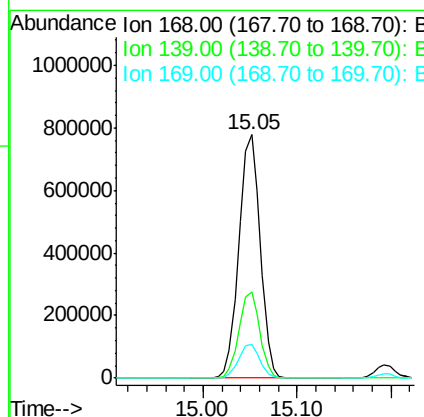
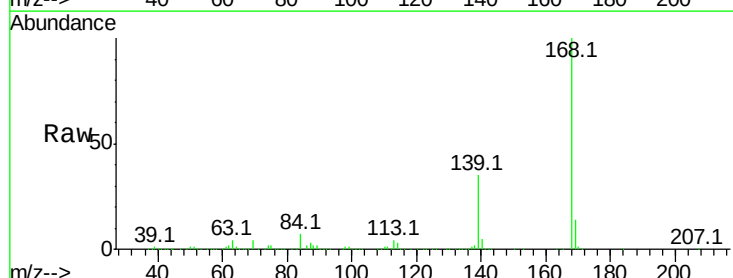
Manual Integrations
APPROVED

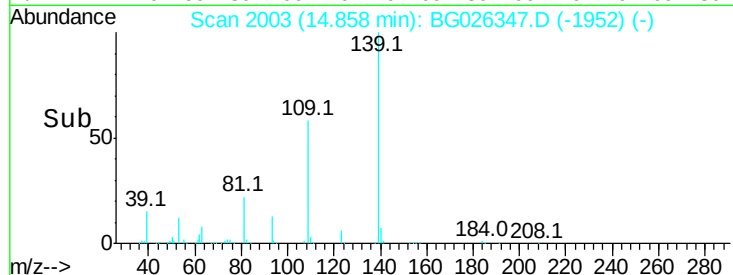
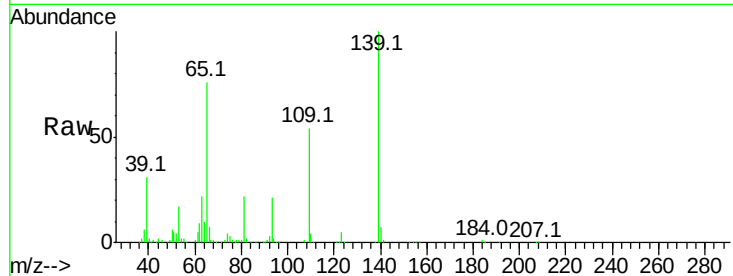
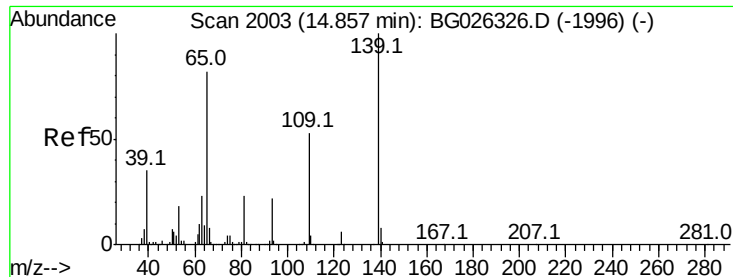
mohammad
3/21/2017 5:22:33 PM



#54
Dibenzofuran
Concen: 40.29 ng
RT: 15.05 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG026347.D
Acq: 21 Mar 2017 4:16

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.3	35.3	52.9
169	14.0	11.5	17.3





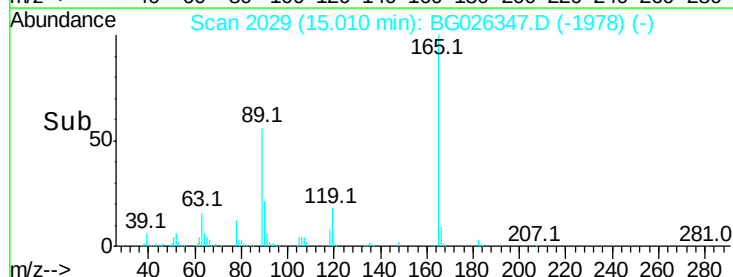
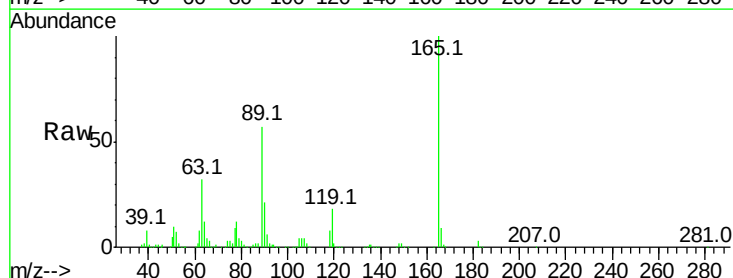
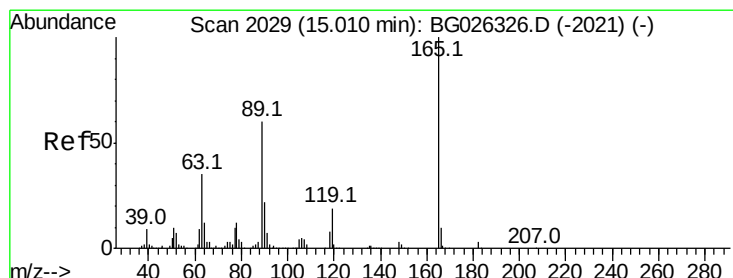
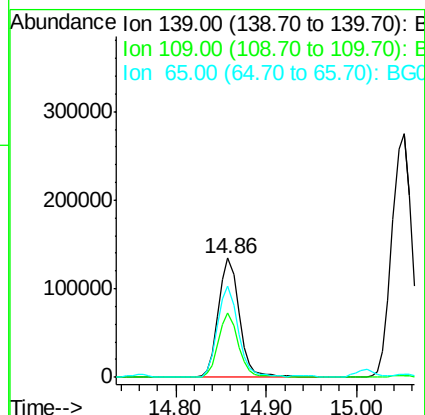
#55
4-Nitrophenol
Concen: 41.74 ng
RT: 14.86 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BG026347.D
Acq: 21 Mar 2017 4:16

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	54.4	101.2	141.2#	
65	76.2	135.3	175.3#	

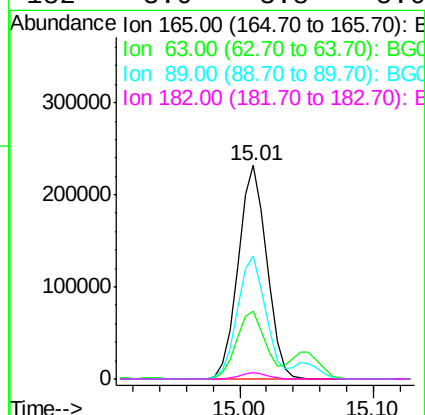
Manual Integrations
APPROVED

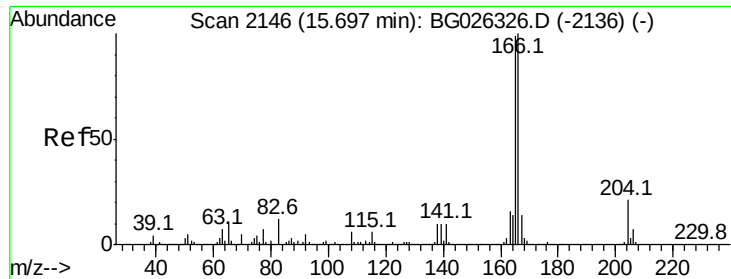
mohammad
3/21/2017 5:22:33 PM



#56
2,4-Dinitrotoluene
Concen: 41.78 ng
RT: 15.01 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BG026347.D
Acq: 21 Mar 2017 4:16

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	31.7	44.0	66.0#	
89	57.5	67.3	100.9#	
182	3.0	3.8	5.6#	





#57
Fluorene
 Concen: 40.04 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. 0.00 min
 Lab File: BG026347.D
 Acq: 21 Mar 2017 4:16

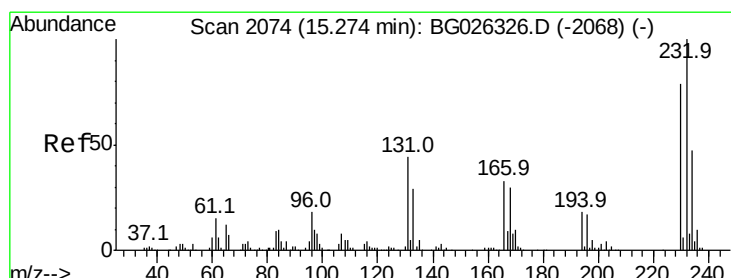
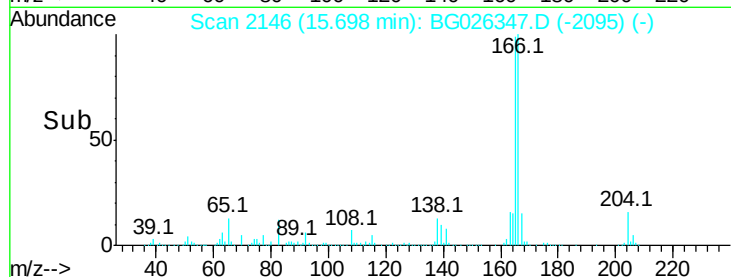
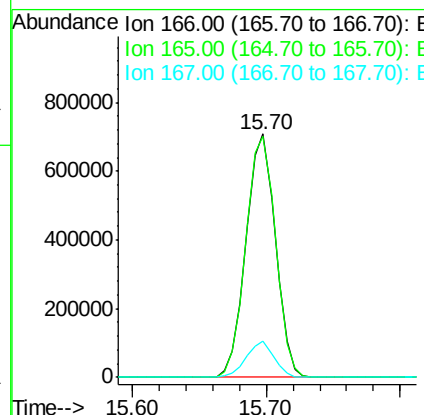
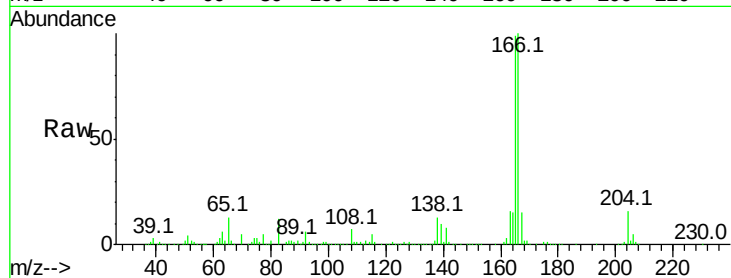
Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040EC

Tot Ion:166 Resp: 1075667

Ion	Ratio	Lower	Upper
166	100		
165	99.2	78.6	117.8
167	14.6	11.6	17.4

Manual Integrations
APPROVED

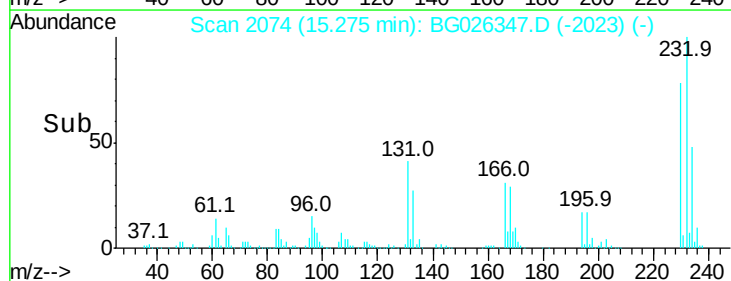
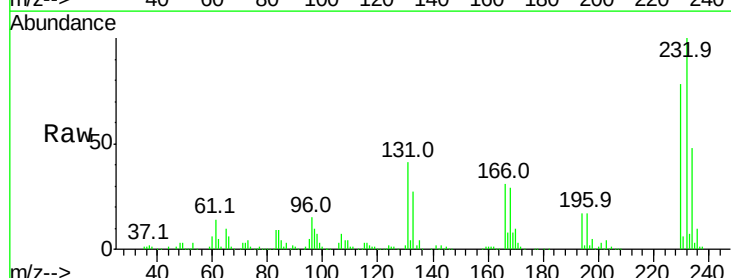
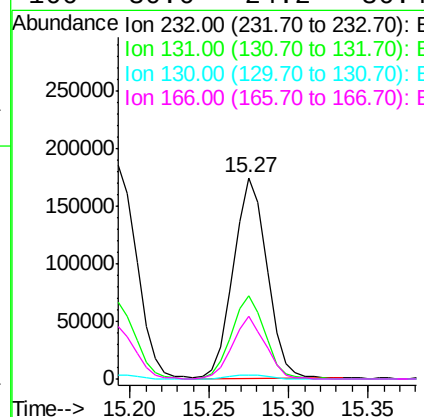
mohammad
 3/21/2017 5:22:33 PM

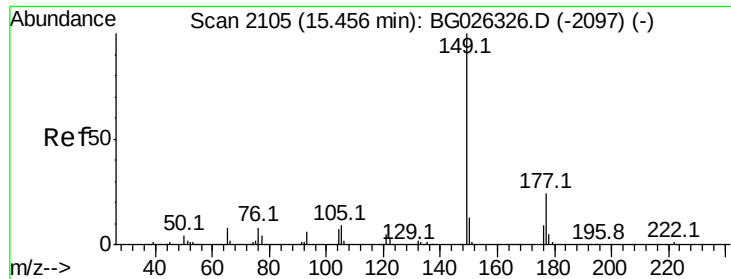


#58
2,3,4,6-Tetrachlorophenol
 Concen: 40.89 ng
 RT: 15.27 min Scan# 2074
 Delta R.T. 0.00 min
 Lab File: BG026347.D
 Acq: 21 Mar 2017 4:16

Tgt Ion:232 Resp: 256442

Ion	Ratio	Lower	Upper
232	100		
131	41.0	34.9	52.3
130	2.2	2.3	3.5#
166	30.6	24.2	36.4





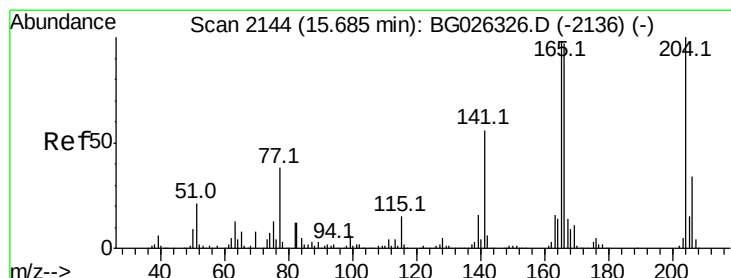
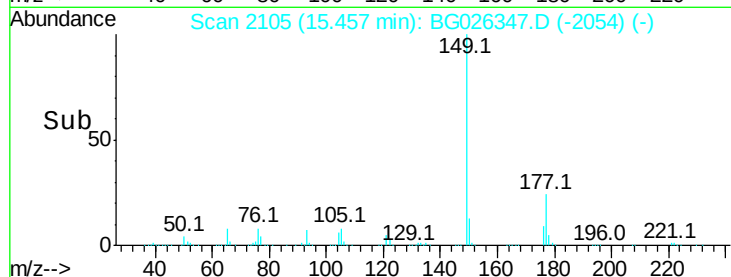
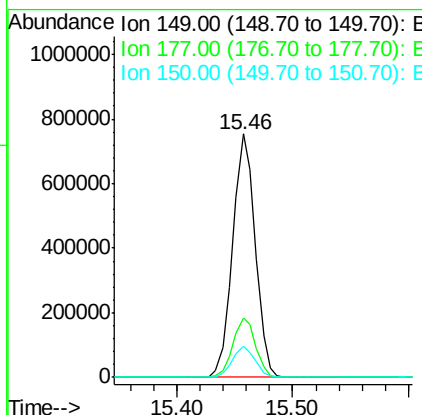
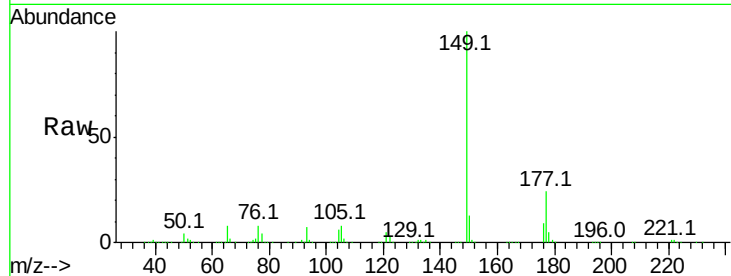
#59
Diethylphthalate
Concen: 39.86 ng
RT: 15.46 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BG026347.D
Acq: 21 Mar 2017 4:16

Instrument :
BNA_G
ClientSampleID :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.4	20.1	30.1
150	12.7	10.2	15.2

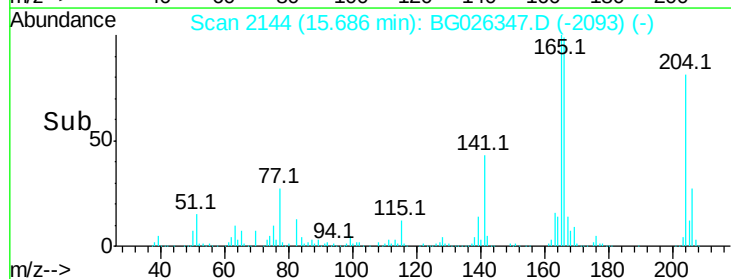
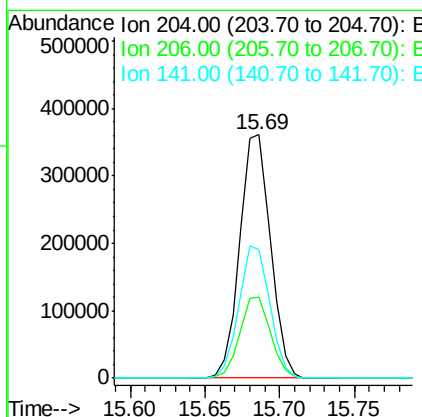
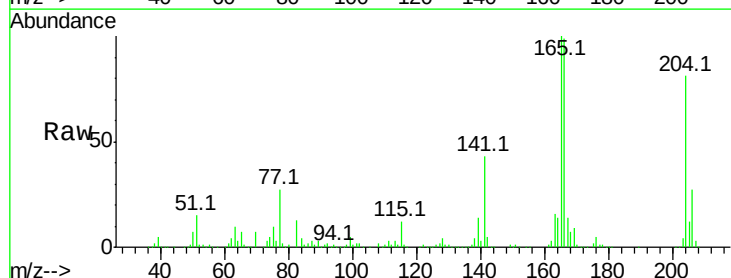
Manual Integrations
APPROVED

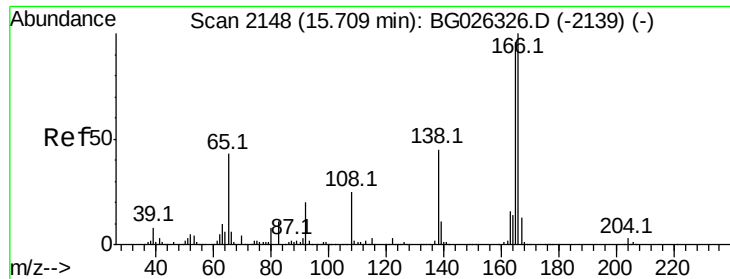
mohammad
3/21/2017 5:22:33 PM



#60
4-Chlorophenyl-phenylether
Concen: 40.55 ng
RT: 15.69 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BG026347.D
Acq: 21 Mar 2017 4:16

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.4	30.1	45.1
141	52.7	50.6	76.0





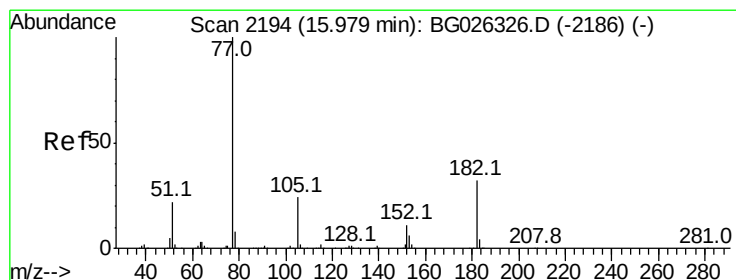
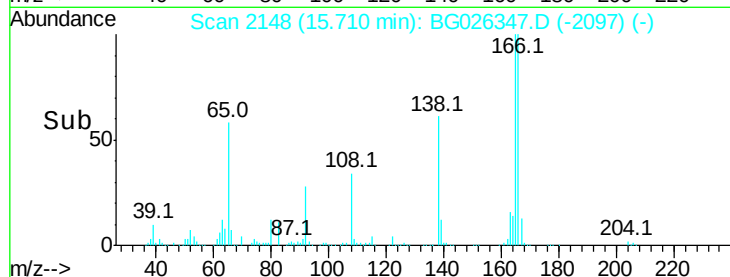
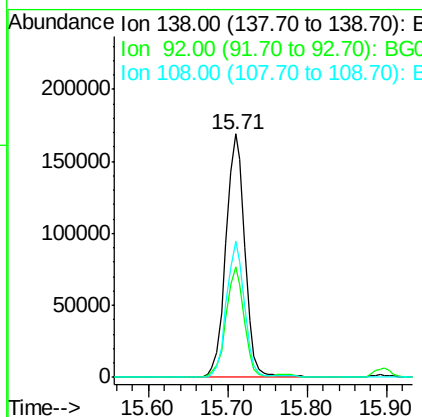
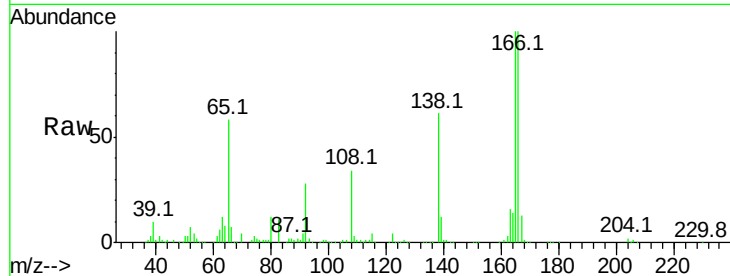
#61
4-Nitroaniline
Concen: 41.22 ng
RT: 15.71 min Scan# 2148
Delta R.T. 0.00 min
Lab File: BG026347.D
Acq: 21 Mar 2017 4:16

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
92	45.1	44.2	84.2
108	55.9	104.8	144.8#

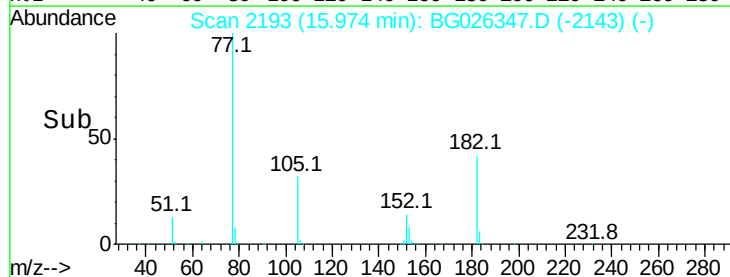
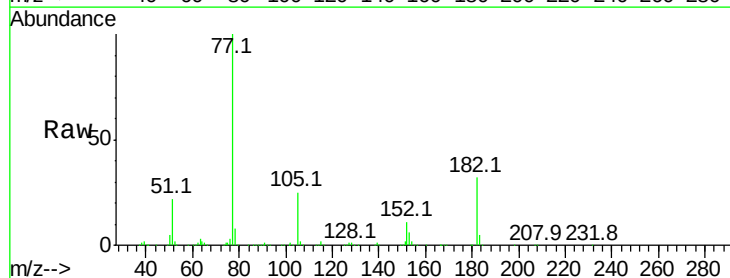
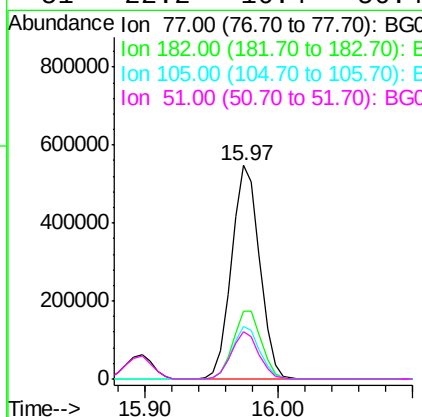
Manual Integrations
APPROVED

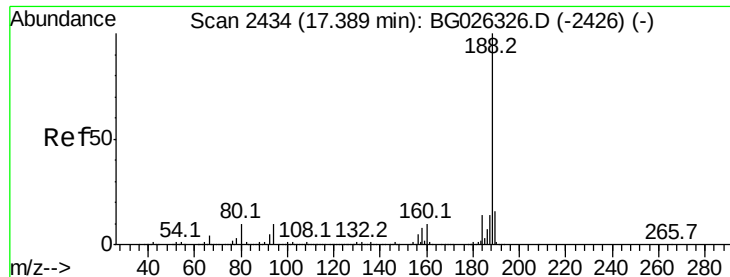
mohammad
3/21/2017 5:22:33 PM



#62
Azobenzene
Concen: 38.62 ng
RT: 15.97 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG026347.D
Acq: 21 Mar 2017 4:16

Tgt Ion	Ratio	Lower	Upper
77	100		
182	32.0	4.7	44.7
105	24.6	0.0	36.3
51	22.2	16.4	56.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.38 min Scan# 2433

Delta R.T. -0.01 min

Lab File: BG026347.D

Acq: 21 Mar 2017 4:16

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:188 Resp: 781490

Ion Ratio Lower Upper

188 100

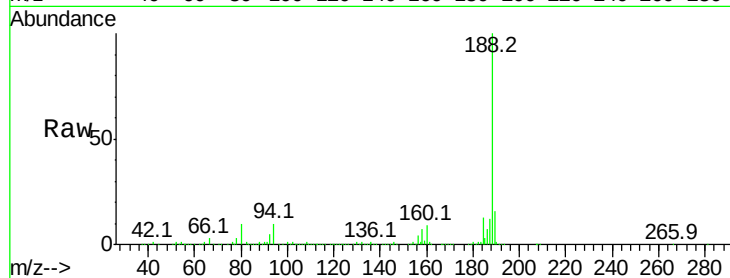
94 10.1 5.8 8.8#

80 9.9 7.5 11.3

Manual Integrations
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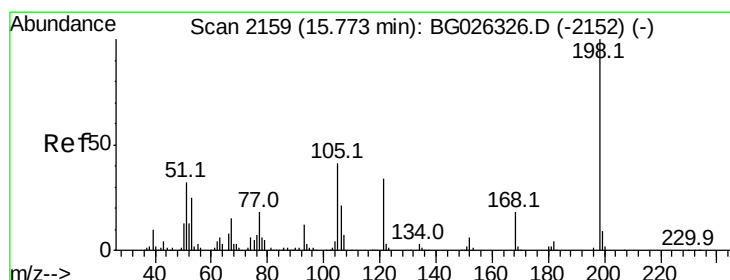
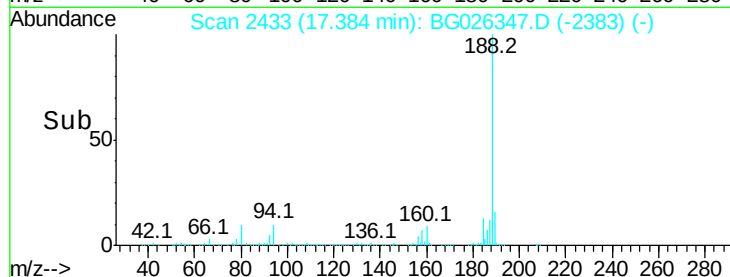
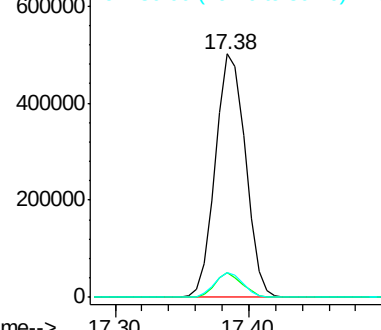
3/21/2017 5:22:33 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 42.44 ng

RT: 15.77 min Scan# 2159

Delta R.T. 0.00 min

Lab File: BG026347.D

Acq: 21 Mar 2017 4:16

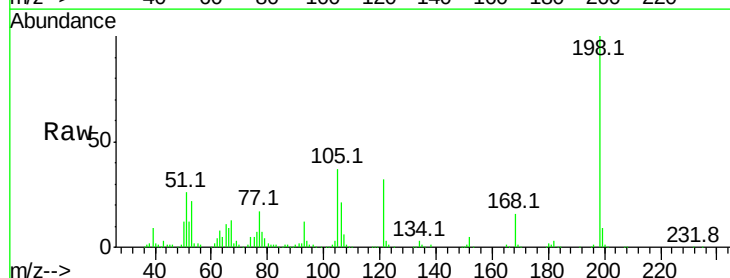
Tgt Ion:198 Resp: 209122

Ion Ratio Lower Upper

198 100

51 26.2 22.6 62.6

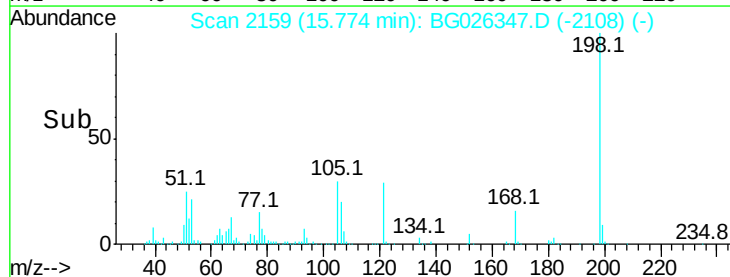
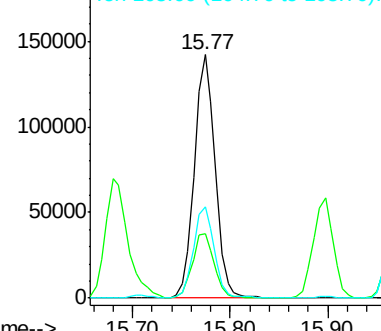
105 37.3 14.4 54.4

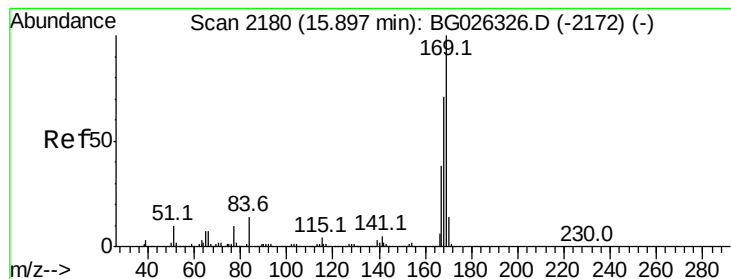


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





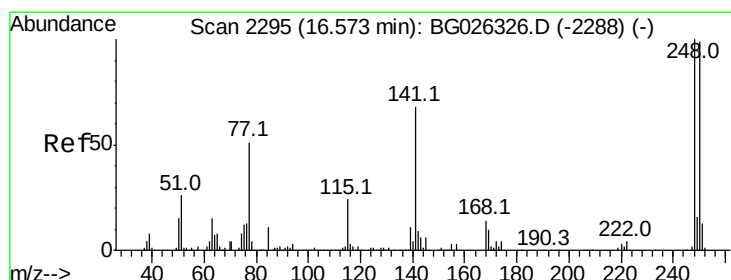
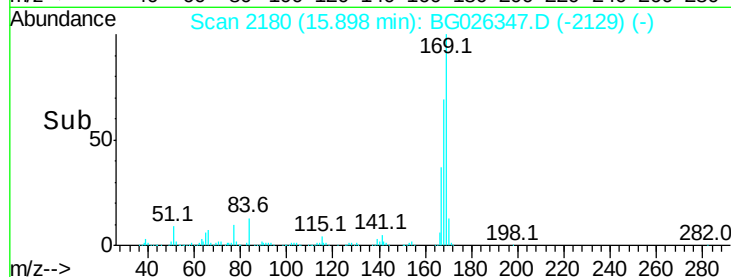
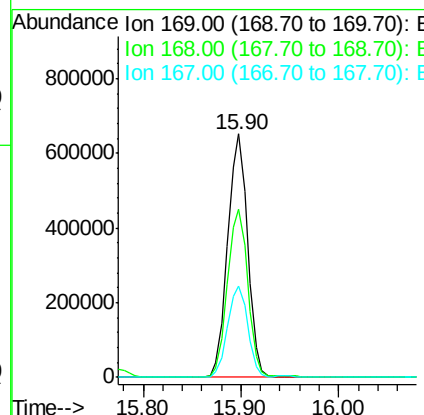
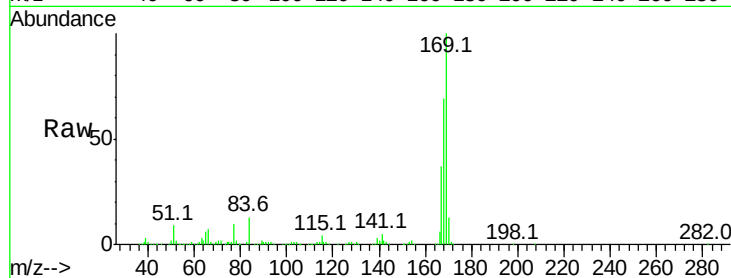
#65
 n-Nitrosodiphenylamine
 Concen: 40.34 ng
 RT: 15.90 min Scan# 2180
 Delta R.T. 0.00 min
 Lab File: BG026347.D
 Acq: 21 Mar 2017 4:16

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
169	100		
168	69.1	55.7	83.5
167	37.5	29.8	44.6

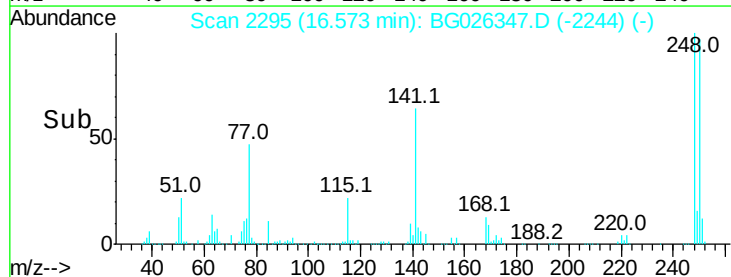
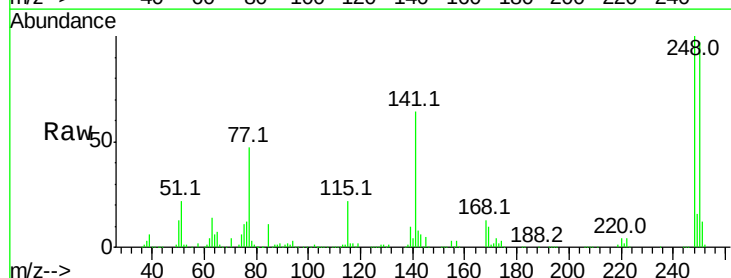
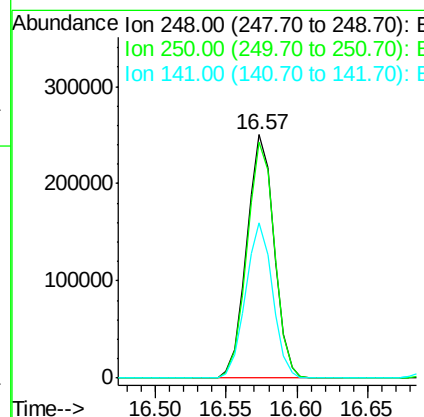
Manual Integrations
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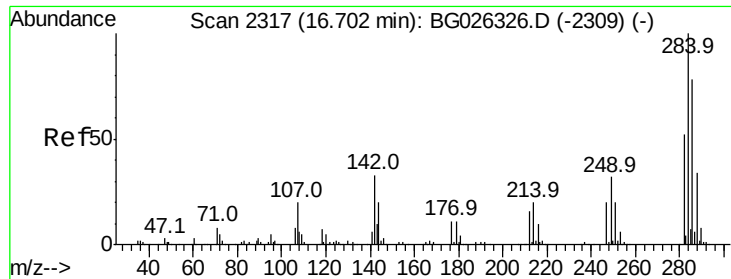
mohammad
 3/21/2017 5:22:33 PM



#66
 4-Bromophenyl-phenylether
 Concen: 42.32 ng
 RT: 16.57 min Scan# 2295
 Delta R.T. 0.00 min
 Lab File: BG026347.D
 Acq: 21 Mar 2017 4:16

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.1	75.0	112.6
141	63.7	55.2	82.8





#67

Hexachlorobenzene

Concen: 40.96 ng

RT: 16.70 min Scan# 2317

Delta R.T. 0.00 min

Lab File: BG026347.D

Acq: 21 Mar 2017 4:16

Instrument :

BNA_G

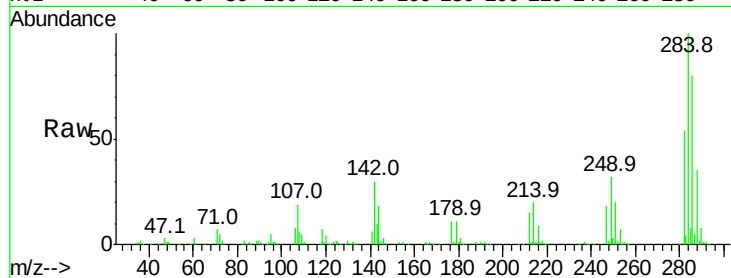
ClientSampleId :

SSTDCCC040EC

Tot Ion:	284	Resp:	351445
Ion Ratio		Lower	Upper
284	100		
142	30.0	29.9	44.9
249	31.9	29.2	43.8

Manual Integrations
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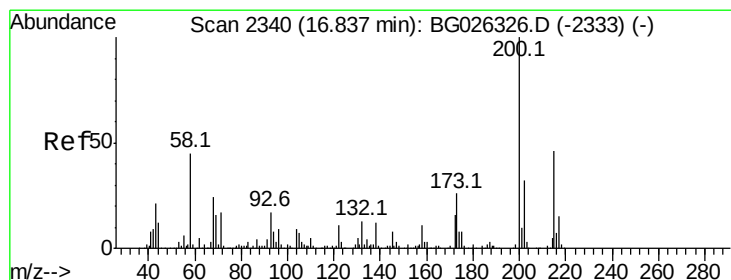
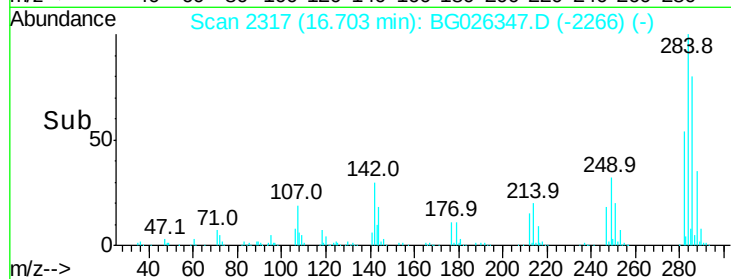
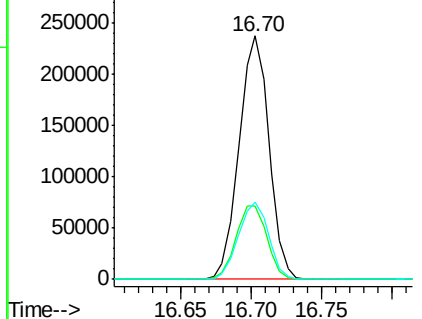
mohammad
3/21/2017 5:22:33 PM



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 40.59 ng

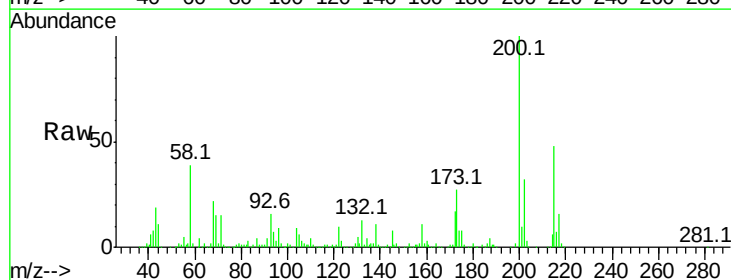
RT: 16.84 min Scan# 2340

Delta R.T. 0.00 min

Lab File: BG026347.D

Acq: 21 Mar 2017 4:16

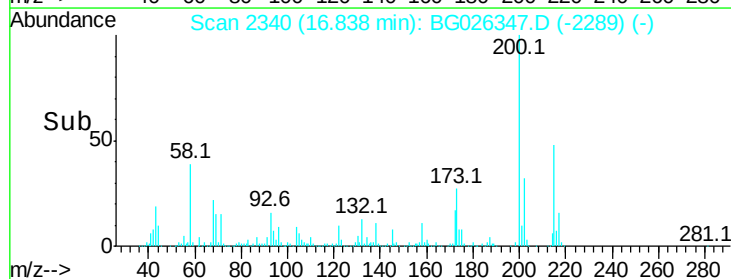
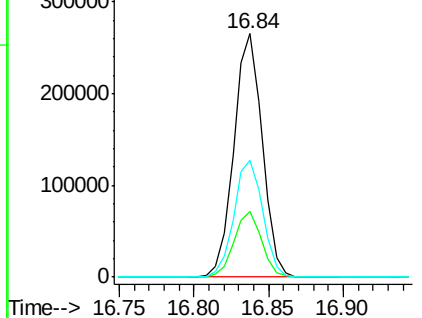
Tgt Ion:	200	Resp:	352471
Ion Ratio		Lower	Upper
200	100		
173	27.0	3.0	43.0
215	47.9	28.4	68.4

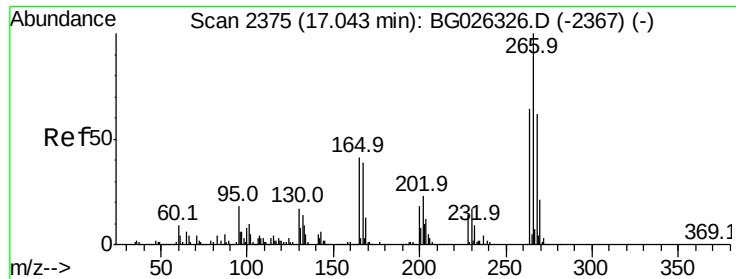


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





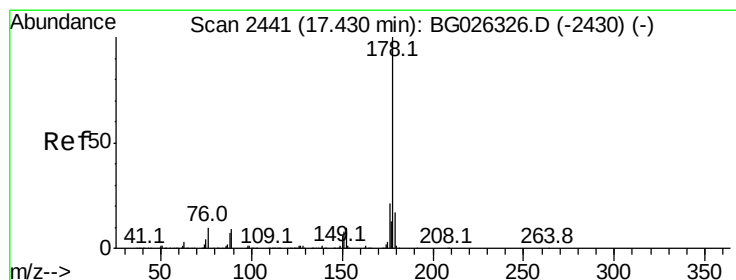
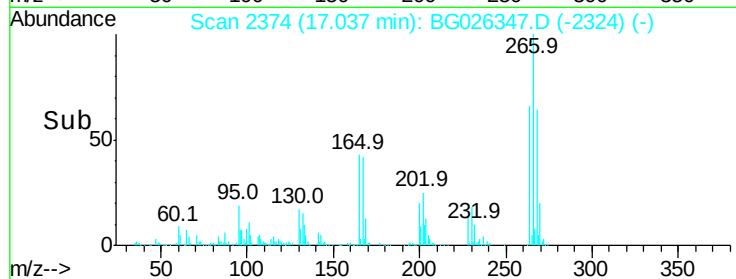
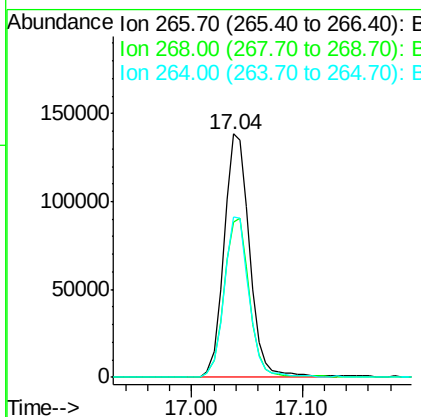
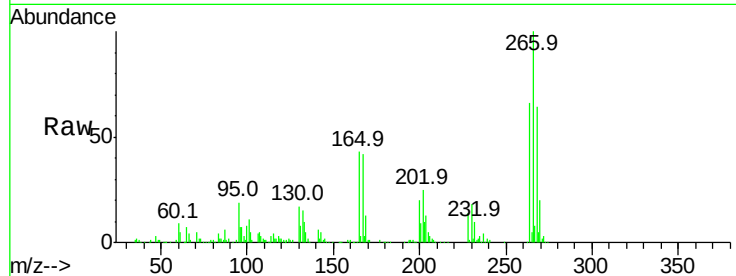
#69
 Pentachlorophenol
 Concen: 40.27 ng
 RT: 17.04 min Scan# 2374
 Delta R.T. -0.01 min
 Lab File: BG026347.D
 Acq: 21 Mar 2017 4:16

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
266	100	224658		
268	63.6	48.6	72.8	
264	65.7	50.1	75.1	

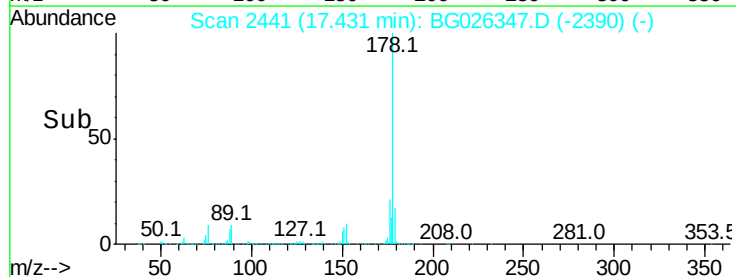
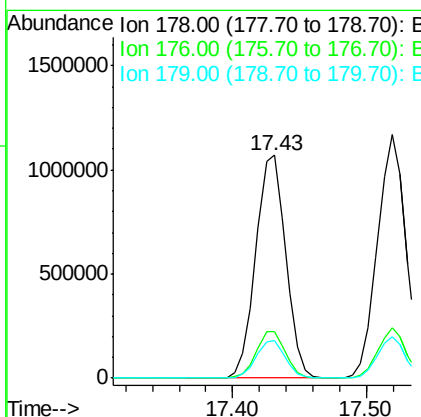
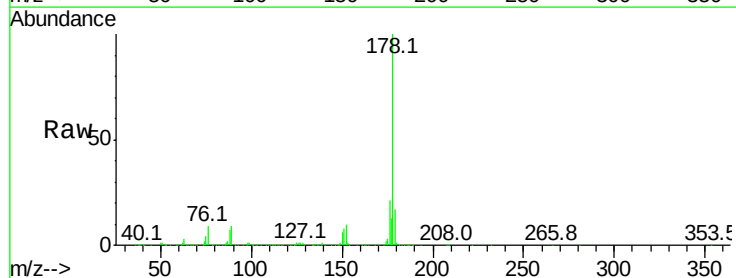
Manual Integrations
 APPROVED

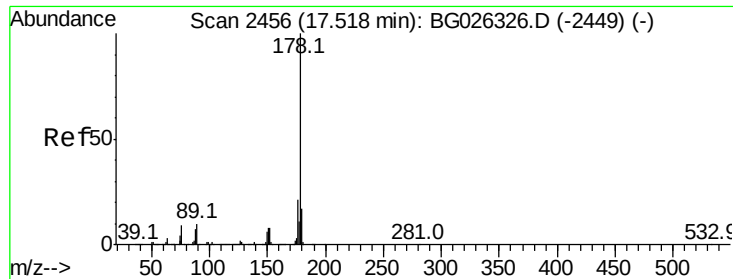
mohammad
 3/21/2017 5:22:33 PM



#70
 Phenanthrene
 Concen: 39.42 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. 0.00 min
 Lab File: BG026347.D
 Acq: 21 Mar 2017 4:16

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1654397		
176	21.0	17.7	26.5	
179	16.6	15.0	22.6	





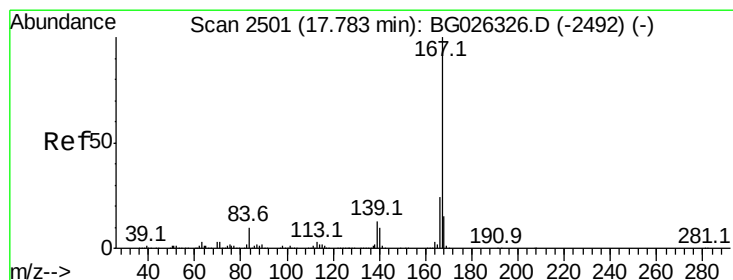
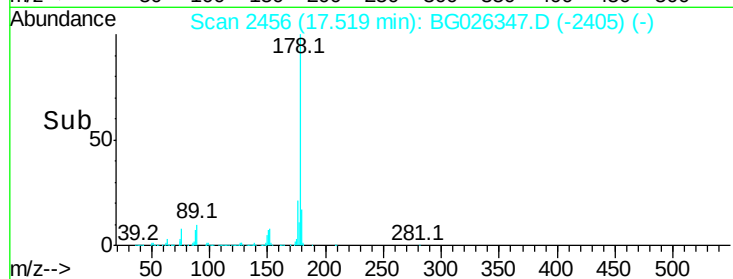
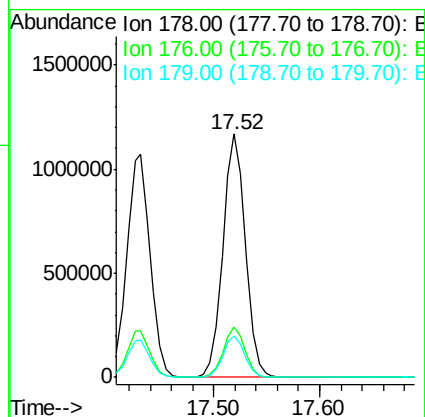
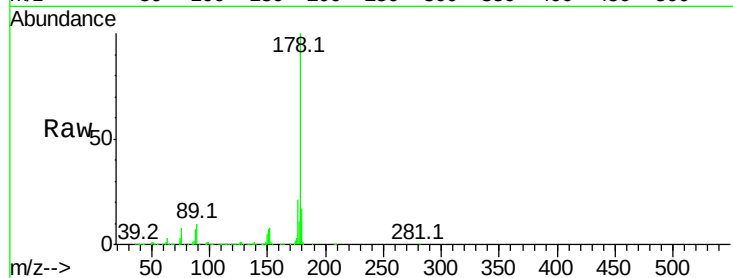
#71
 Anthracene
 Concen: 40.23 ng
 RT: 17.52 min Scan# 2456
 Delta R.T. 0.00 min
 Lab File: BG026347.D
 Acq: 21 Mar 2017 4:16

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.4	24.6
179	16.9	13.8	20.8

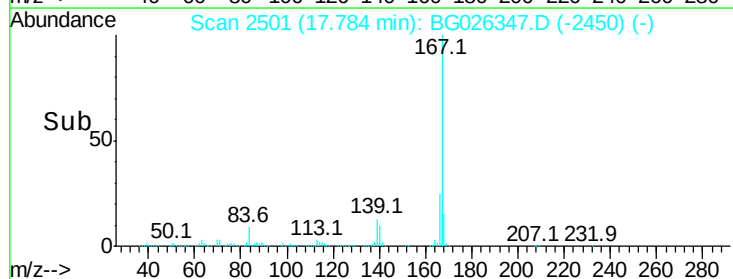
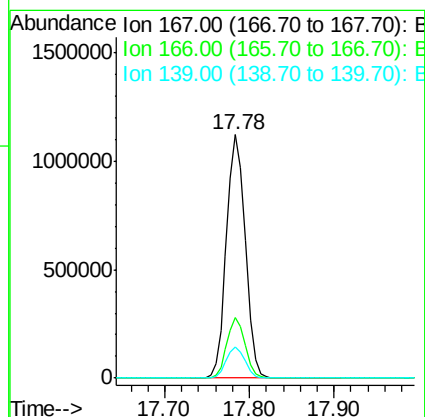
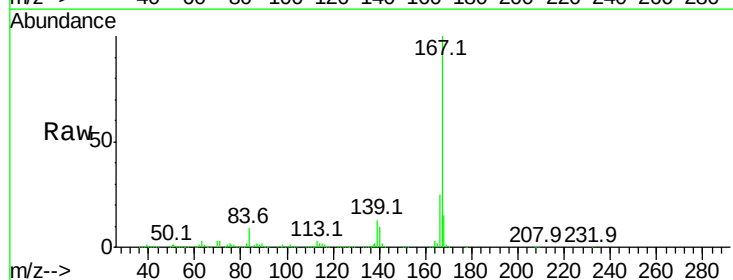
Manual Integrations
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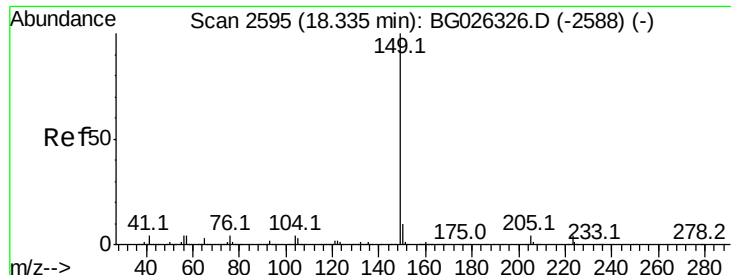
mohammad
 3/21/2017 5:22:33 PM



#72
 Carbazole
 Concen: 39.30 ng
 RT: 17.78 min Scan# 2501
 Delta R.T. 0.00 min
 Lab File: BG026347.D
 Acq: 21 Mar 2017 4:16

Tgt Ion	Ratio	Lower	Upper
167	100		
166	25.0	20.2	30.2
139	12.7	12.8	19.2#





#73

Di-n-butylphthalate

Concen: 38.99 ng

RT: 18.34 min Scan# 2595

Delta R.T. 0.00 min

Lab File: BG026347.D

Acq: 21 Mar 2017 4:16

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 1765938

Ion Ratio Lower Upper

149 100

150 10.0 9.1 13.7

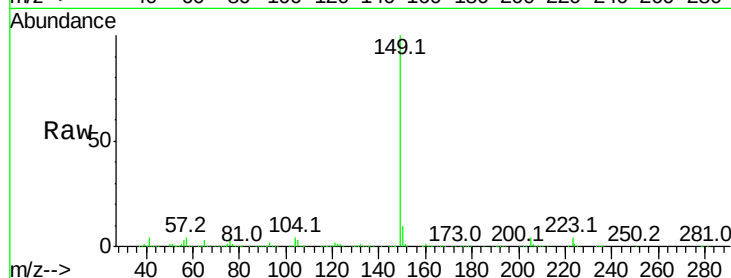
104 4.4 6.7 10.1#

Manual Integrations

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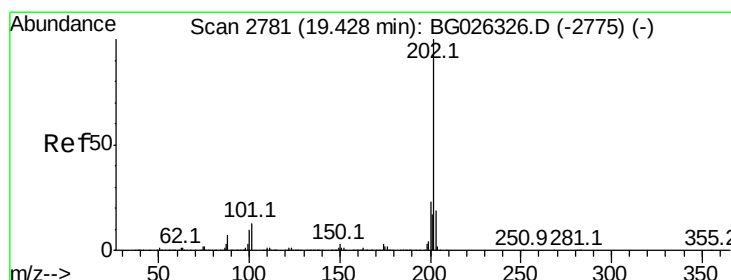
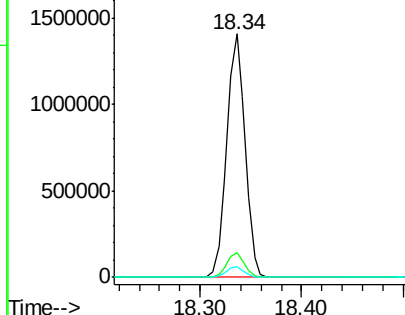
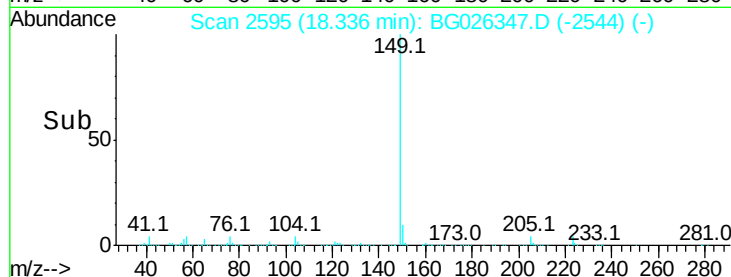
3/21/2017 5:22:33 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.44 ng

RT: 19.43 min Scan# 2781

Delta R.T. 0.00 min

Lab File: BG026347.D

Acq: 21 Mar 2017 4:16

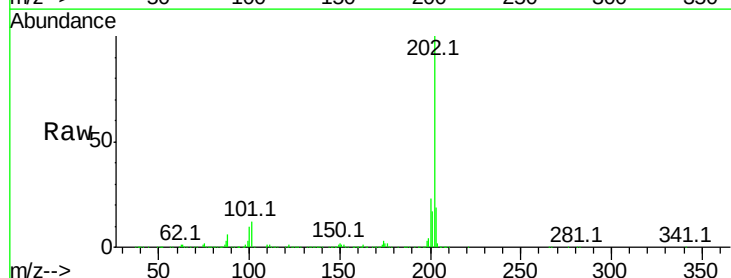
Tgt Ion:202 Resp: 1946550

Ion Ratio Lower Upper

202 100

101 12.3 0.0 30.1

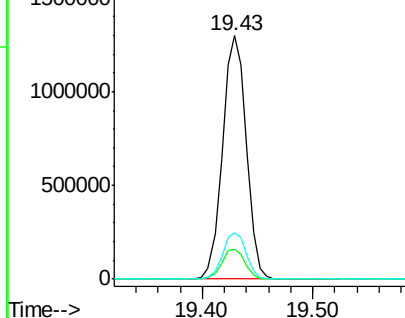
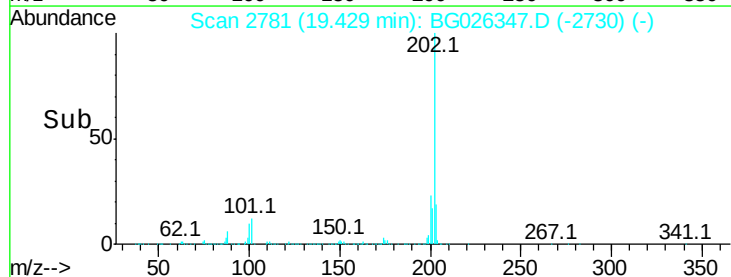
203 19.2 1.3 41.3

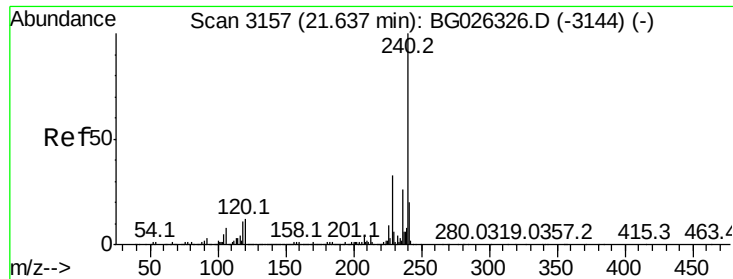


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.64 min Scan# 3157

Delta R.T. 0.00 min

Lab File: BG026347.D

Acq: 21 Mar 2017 4:16

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:240 Resp: 832490

Ion Ratio Lower Upper

240 100

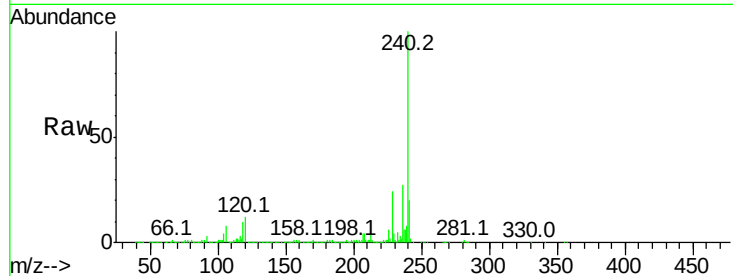
120 11.8 5.7 8.5#

236 26.8 22.2 33.4

Manual Integrations
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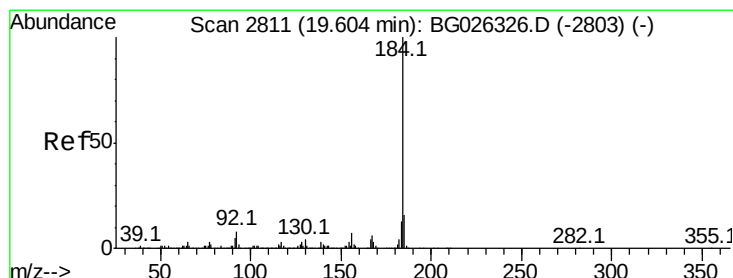
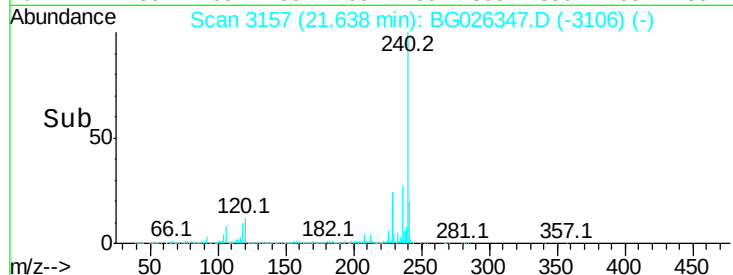
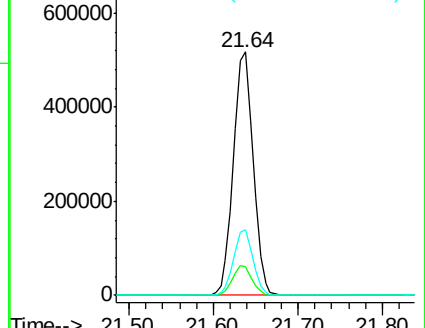
3/21/2017 5:22:33 PM



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: 38.99 ng

RT: 19.60 min Scan# 2810

Delta R.T. -0.01 min

Lab File: BG026347.D

Acq: 21 Mar 2017 4:16

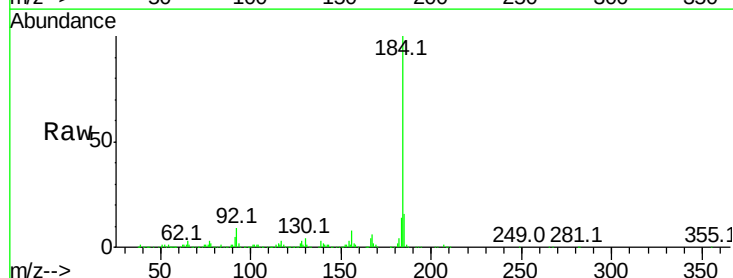
Tgt Ion:184 Resp: 1119010

Ion Ratio Lower Upper

184 100

185 15.8 13.0 19.6

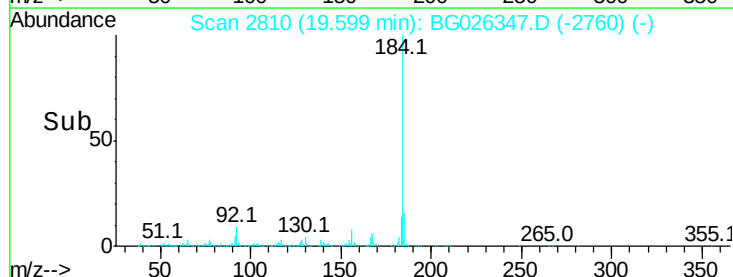
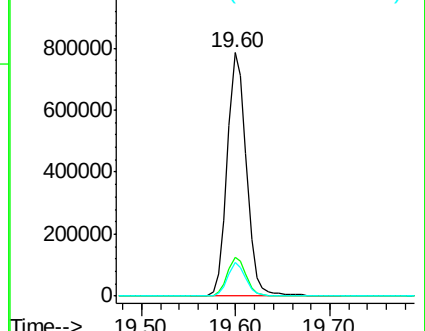
183 13.6 11.0 16.6

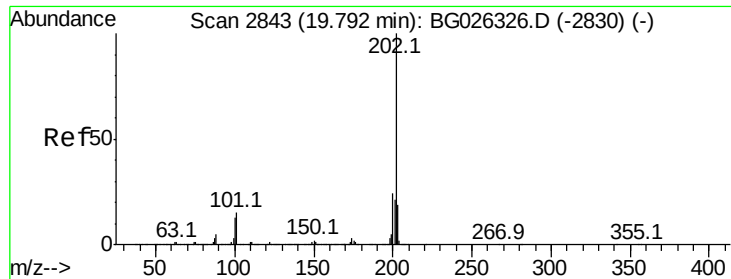


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





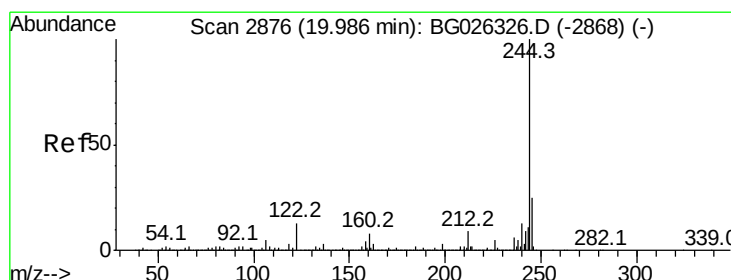
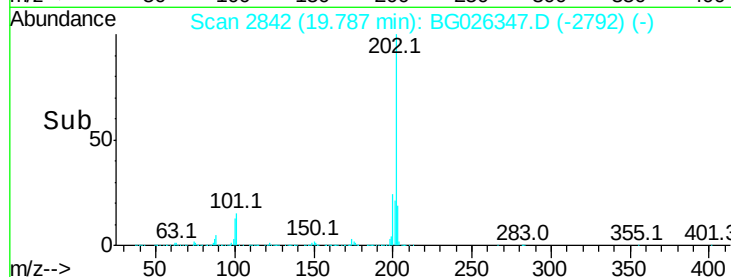
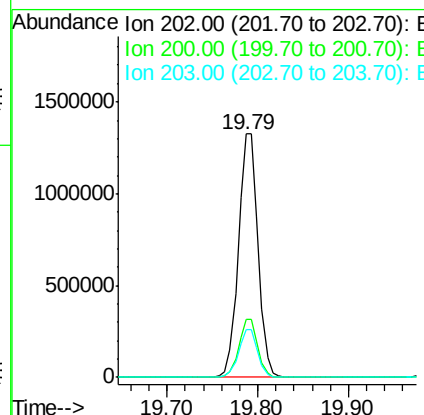
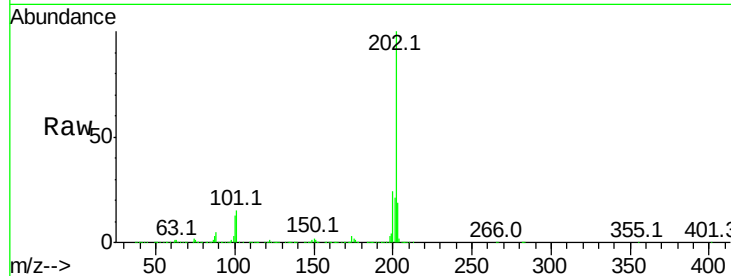
#77
Pvrene
Concen: 41.52 ng
RT: 19.79 min Scan# 2842
Delta R.T. -0.01 min
Lab File: BG026347.D
Acq: 21 Mar 2017 4:16

Instrument :
BNA_G
ClientSampled :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.8	19.6	29.4
203	19.5	15.8	23.8

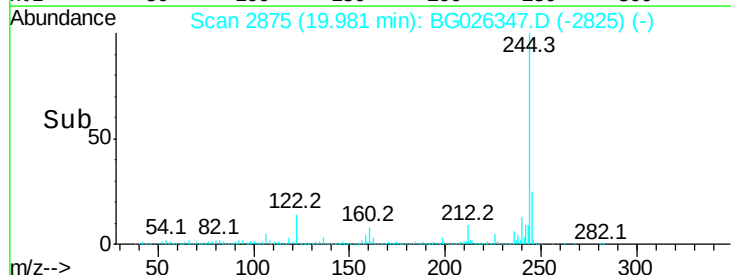
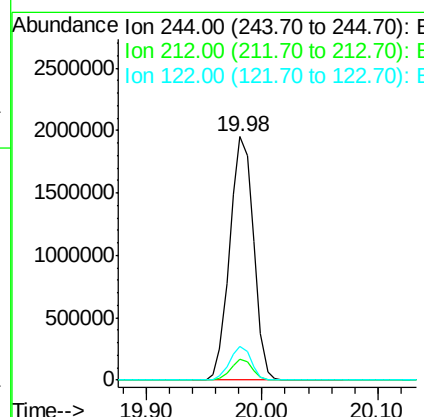
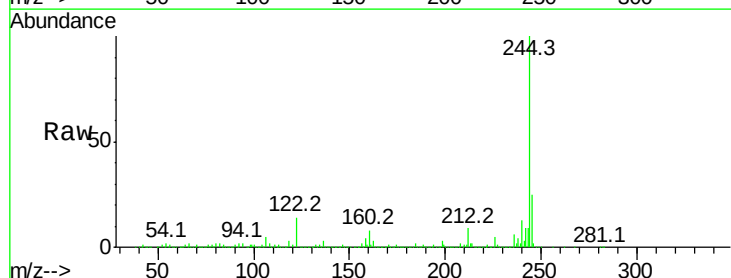
Manual Integrations
APPROVED

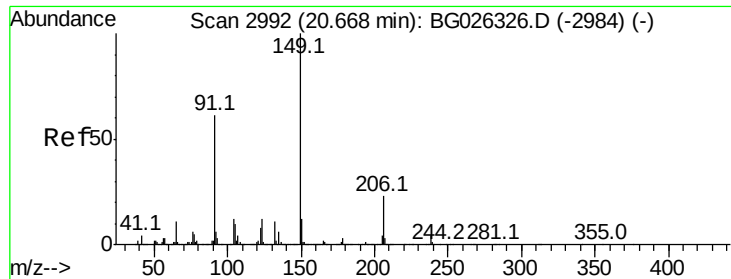
mohammad
3/21/2017 5:22:33 PM



#78
Terphenyl-d14
Concen: 81.40 ng
RT: 19.98 min Scan# 2875
Delta R.T. -0.01 min
Lab File: BG026347.D
Acq: 21 Mar 2017 4:16

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.8	10.0	15.0#
122	13.9	8.6	12.8#





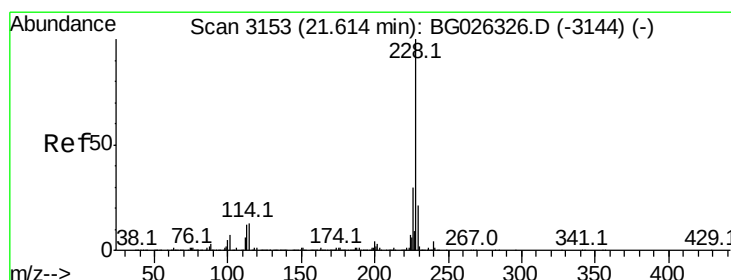
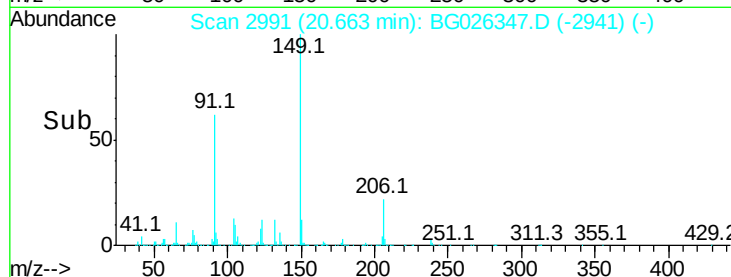
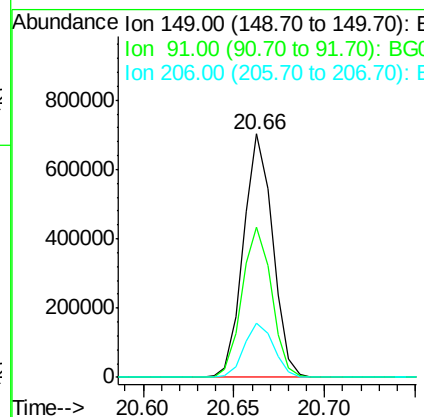
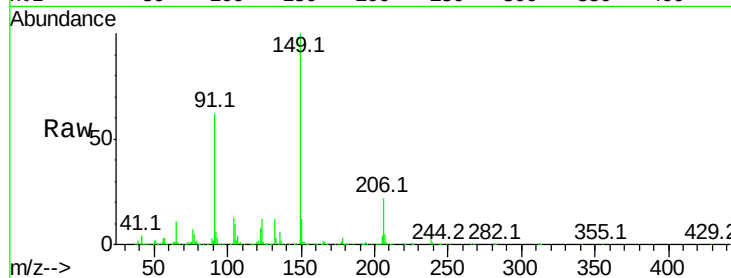
#79
Butylbenzylphthalate
Concen: 40.81 ng
RT: 20.66 min Scan# 2991
Delta R.T. -0.01 min
Lab File: BG026347.D
Acq: 21 Mar 2017 4:16

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
91	61.9	63.5	95.3#
206	22.3	21.0	31.6

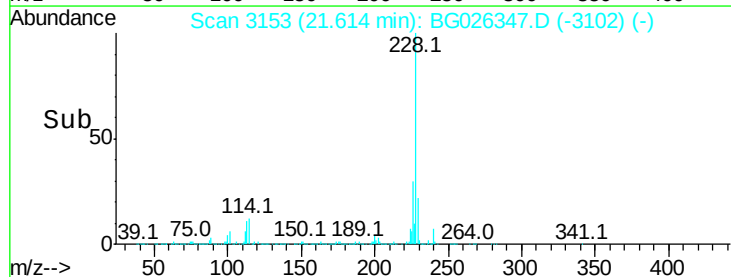
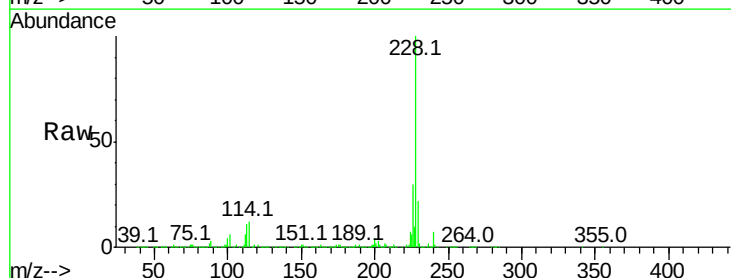
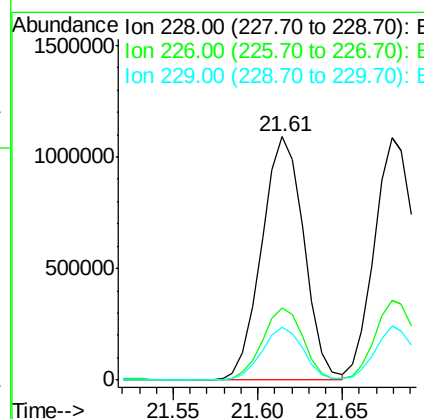
Manual Integrations
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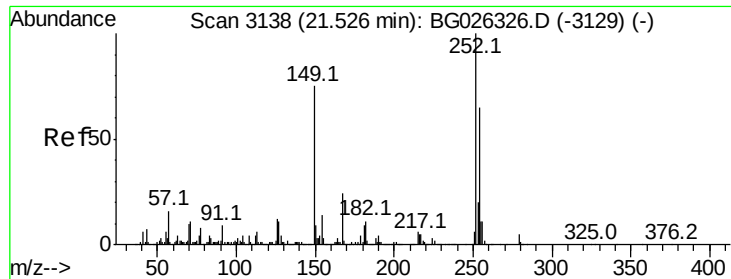
mohammad
3/21/2017 5:22:33 PM



#80
Benzo(a)anthracene
Concen: 40.49 ng
RT: 21.61 min Scan# 3153
Delta R.T. 0.00 min
Lab File: BG026347.D
Acq: 21 Mar 2017 4:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.9	37.3
229	21.6	18.2	27.2





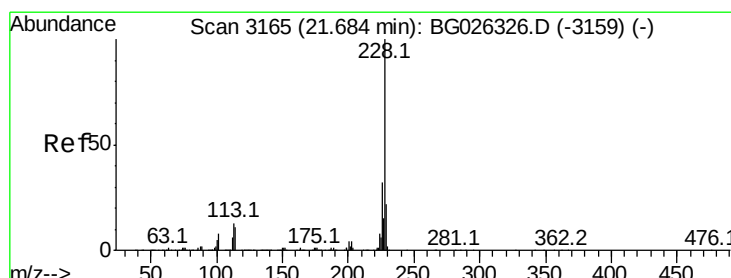
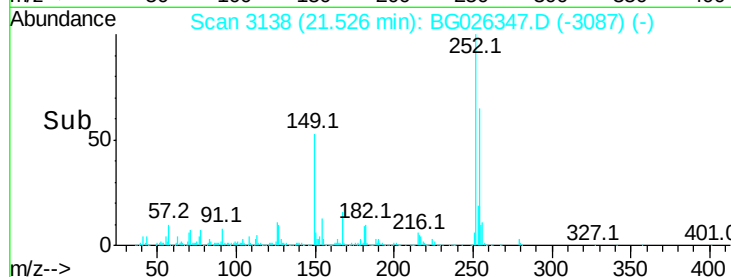
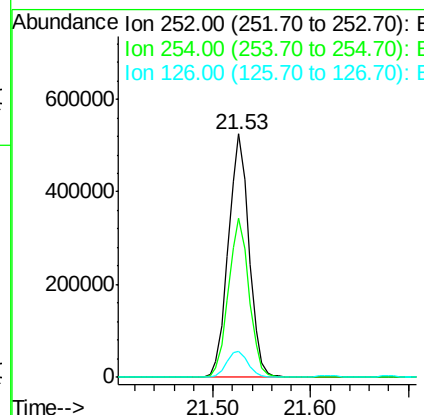
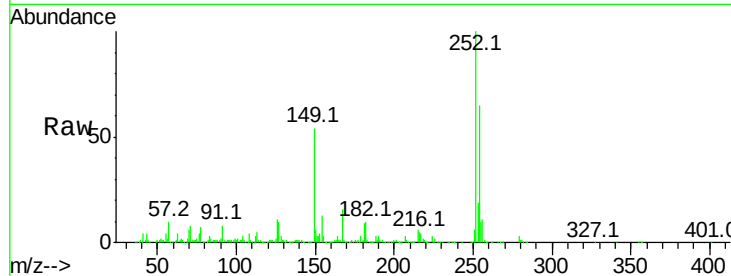
#81
 3,3'-Dichlorobenzidine
 Concen: 40.23 ng
 RT: 21.53 min Scan# 3138
 Delta R.T. 0.00 min
 Lab File: BG026347.D
 Acq: 21 Mar 2017 4:16

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.4	53.1	79.7
126	10.8	7.0	10.4

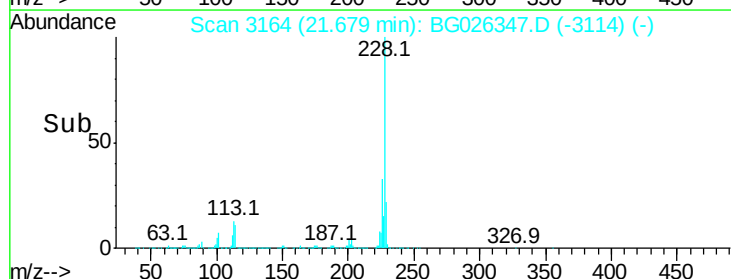
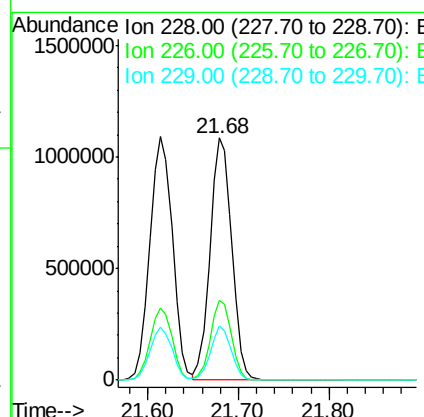
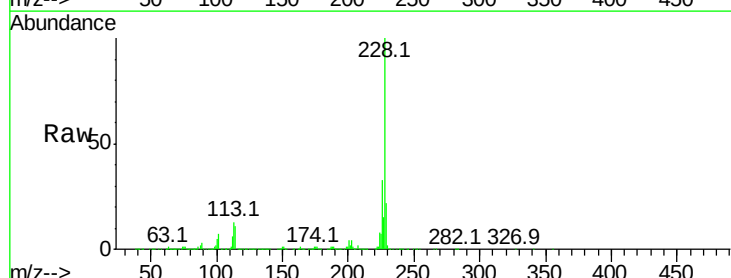
Manual Integrations
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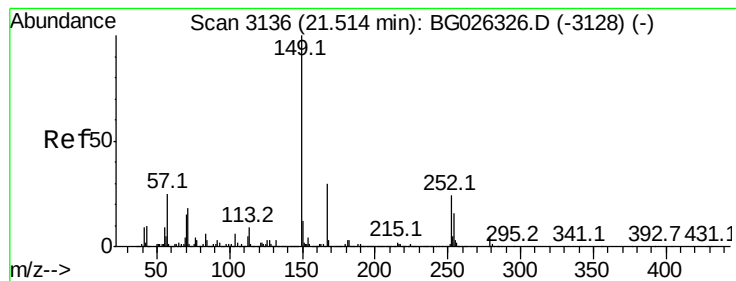
mohammad
 3/21/2017 5:22:33 PM



#82
 Chrysene
 Concen: 40.22 ng
 RT: 21.68 min Scan# 3164
 Delta R.T. -0.01 min
 Lab File: BG026347.D
 Acq: 21 Mar 2017 4:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.1	27.0	40.4
229	22.3	17.8	26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.54 ng

RT: 21.51 min Scan# 3136

Delta R.T. 0.00 min

Lab File: BG026347.D

Acq: 21 Mar 2017 4:16

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 1151774

Ion Ratio Lower Upper

149 100

167 30.7 23.7 35.5

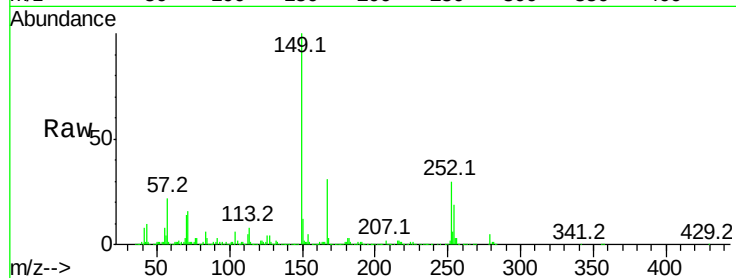
279 5.1 4.6 6.8

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mohammad

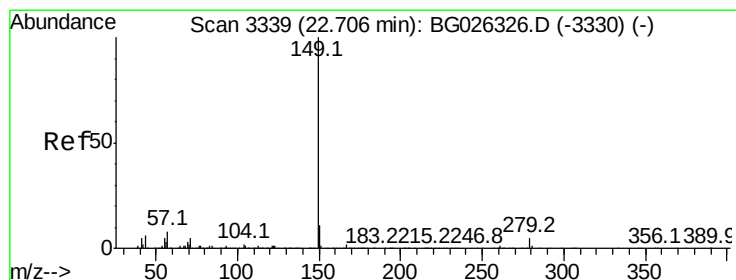
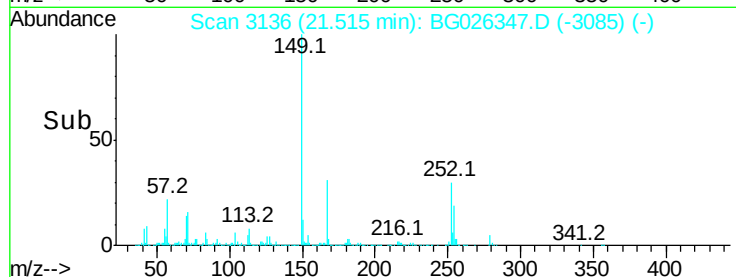
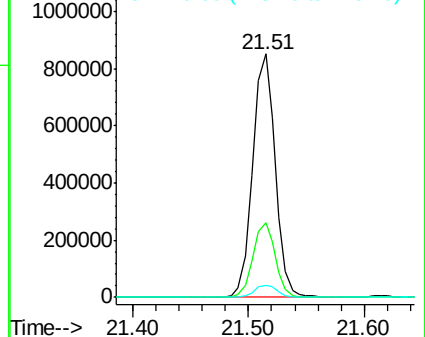
3/21/2017 5:22:33 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.89 ng

RT: 22.71 min Scan# 3339

Delta R.T. 0.00 min

Lab File: BG026347.D

Acq: 21 Mar 2017 4:16

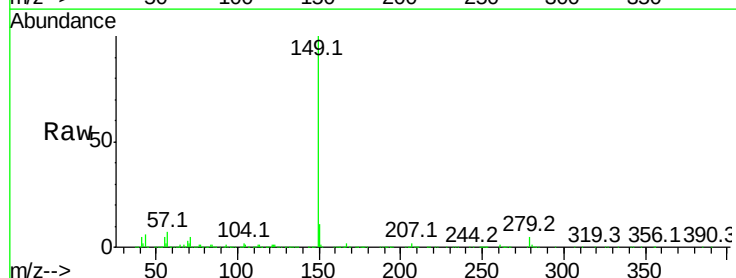
Tgt Ion:149 Resp: 1983360

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

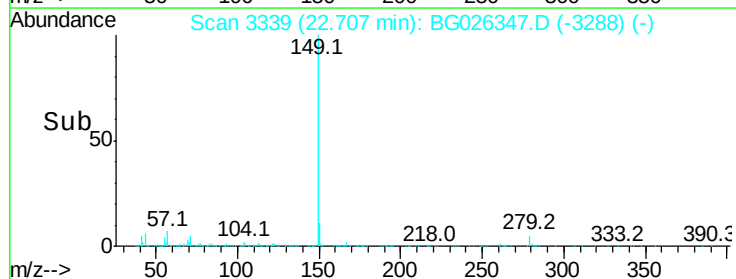
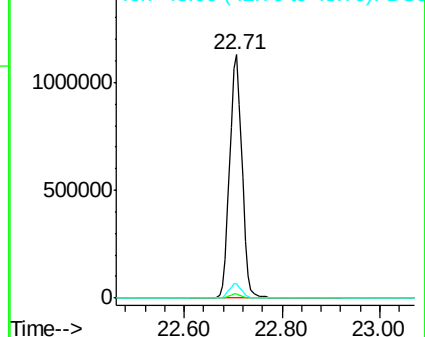
43 5.9 11.8 17.6#

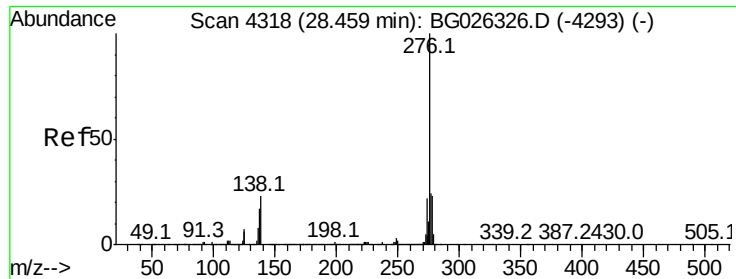


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





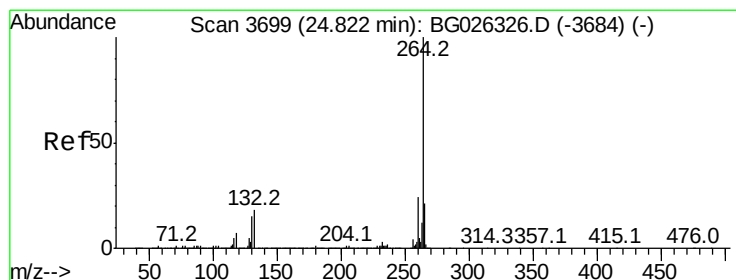
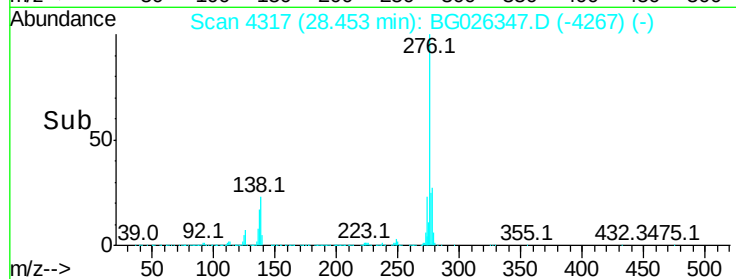
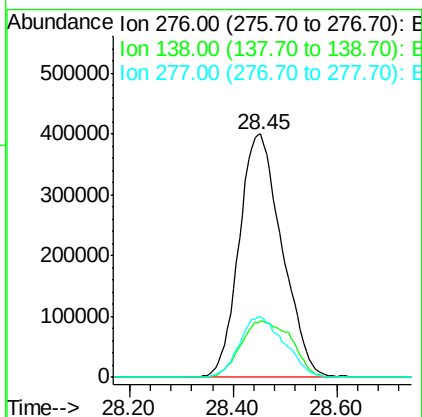
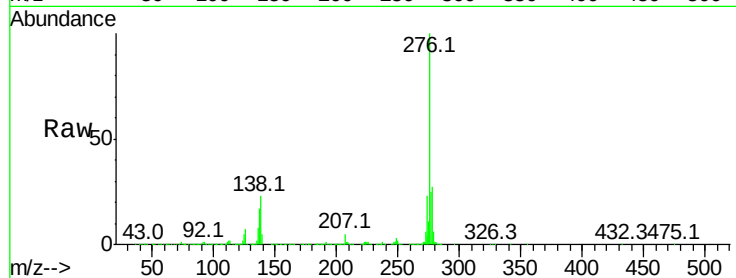
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.51 ng
RT: 28.45 min Scan# 4317
Delta R.T. -0.01 min
Lab File: BG026347.D
Acq: 21 Mar 2017 4:16

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:276 Resp: 2294188
Ion Ratio Lower Upper
276 100
138 27.5 4.7 7.1#
277 26.1 20.6 31.0

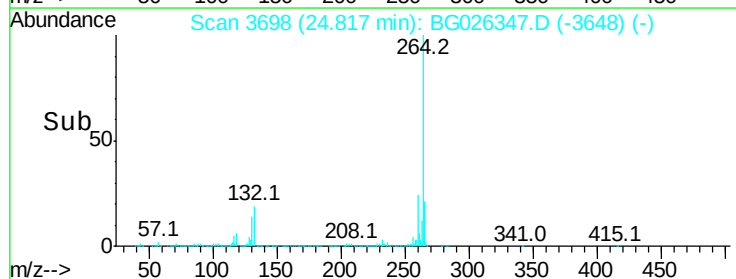
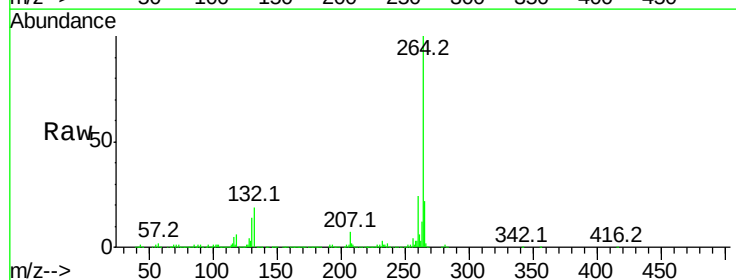
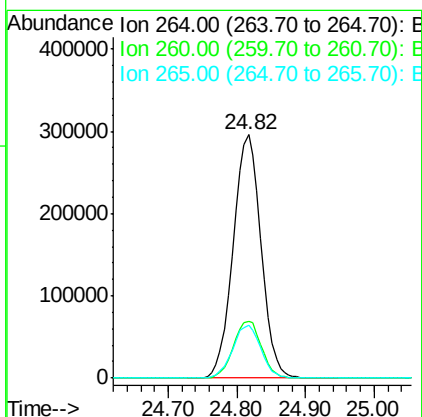
Manual Integrations
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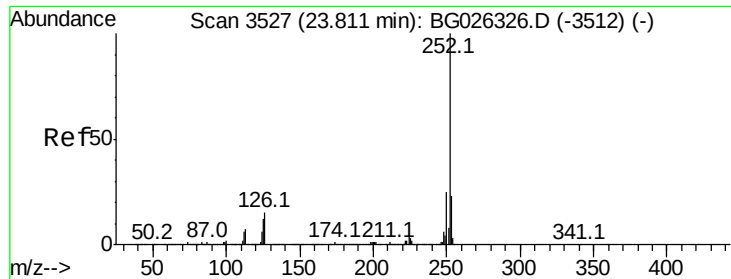
mohammad
3/21/2017 5:22:33 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.82 min Scan# 3698
Delta R.T. -0.01 min
Lab File: BG026347.D
Acq: 21 Mar 2017 4:16

Tgt Ion:264 Resp: 832223
Ion Ratio Lower Upper
264 100
260 23.5 21.8 32.8
265 21.5 18.2 27.4





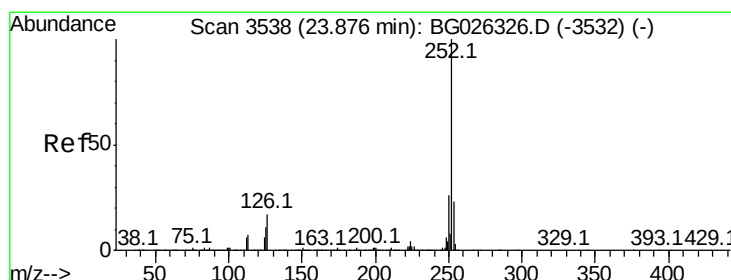
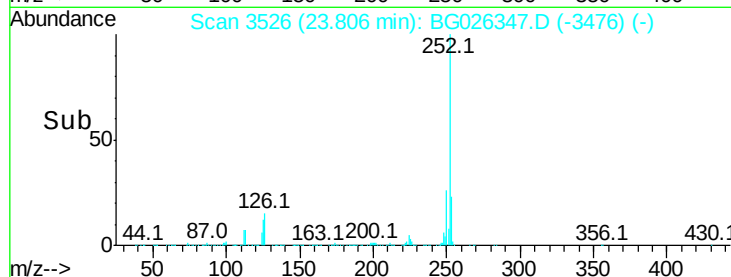
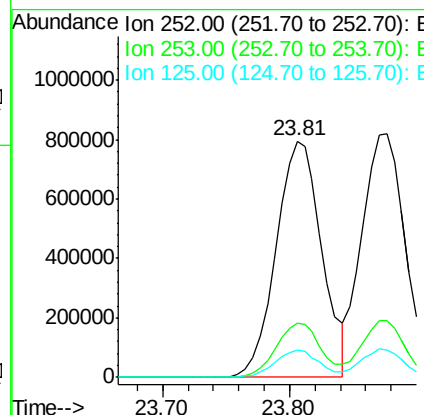
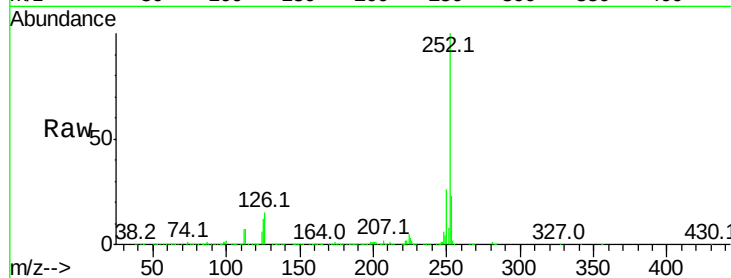
#87
Benzo(b)fluoranthene
Concen: 40.49 ng
RT: 23.81 min Scan# 3526
Delta R.T. -0.01 min
Lab File: BG026347.D
Acq: 21 Mar 2017 4:16

Instrument :
BNA_G
ClientSampled :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.7	28.1
125	11.7	5.3	7.9#

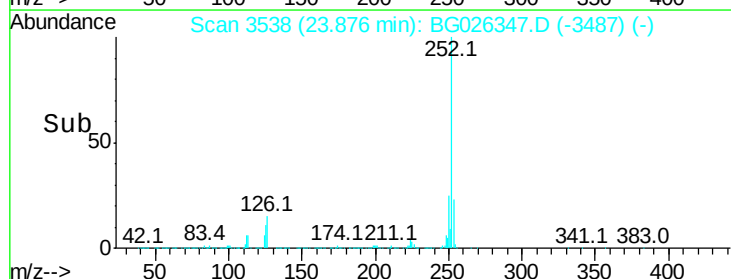
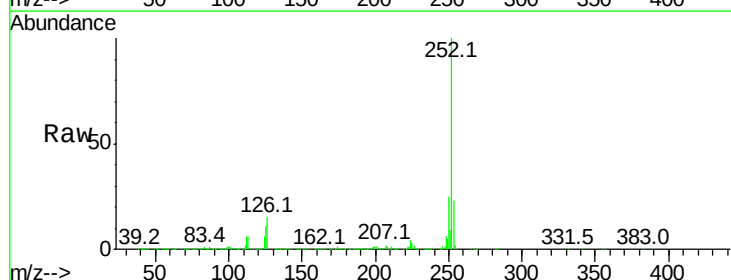
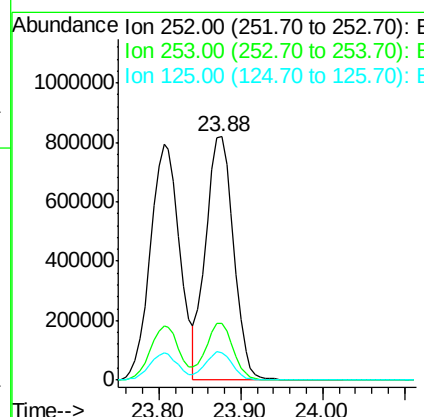
Manual Integrations
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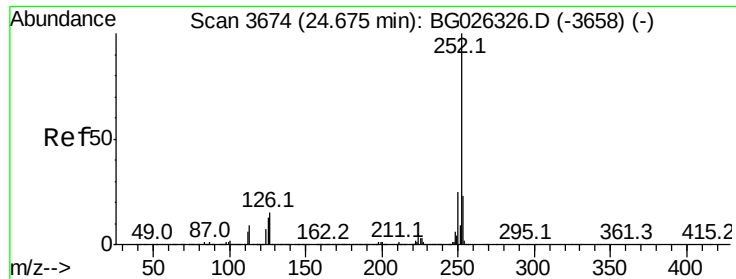
mohammad
3/21/2017 5:22:33 PM



#88
Benzo(k)fluoranthene
Concen: 40.79 ng
RT: 23.88 min Scan# 3538
Delta R.T. 0.00 min
Lab File: BG026347.D
Acq: 21 Mar 2017 4:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	20.2	30.2
125	11.3	5.1	7.7#





#89

Benzo(a)pyrene

Concen: 40.46 ng

RT: 24.67 min Scan# 3673

Delta R.T. -0.01 min

Lab File: BG026347.D

Acq: 21 Mar 2017 4:16

Instrument :

BNA_G

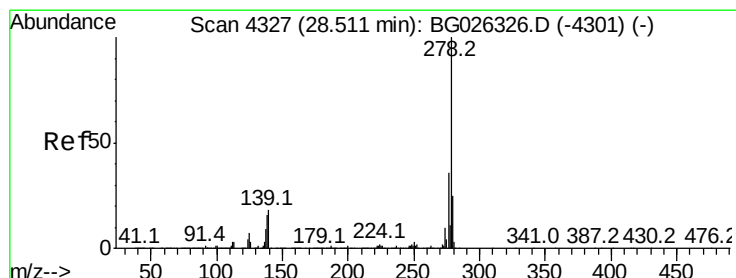
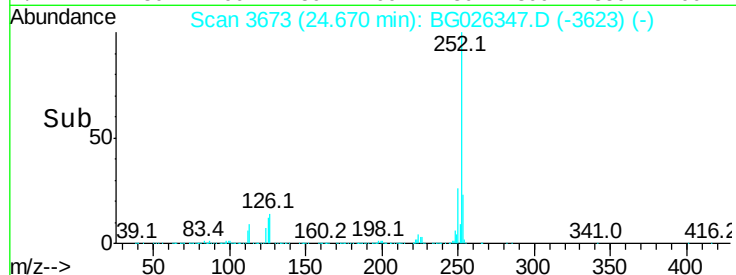
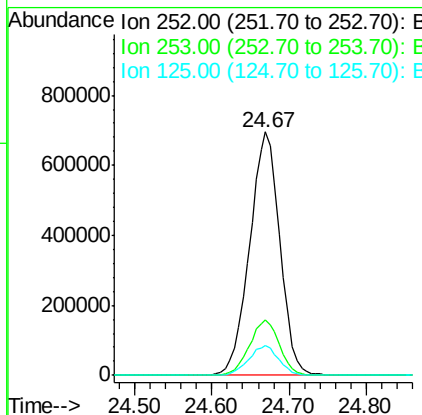
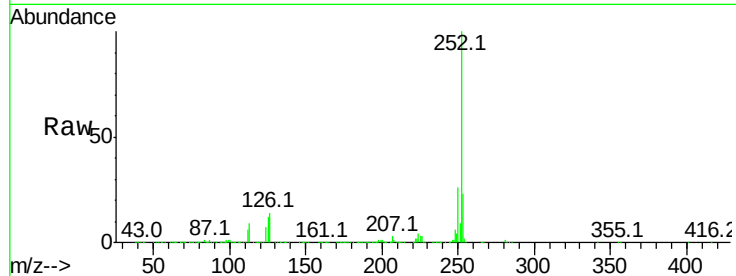
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	19.2	28.8
125	12.3	5.4	8.0#

Manual Integrations
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mohammad
3/21/2017 5:22:33 PM



#90

Dibenzo(a,h)anthracene

Concen: 40.68 ng

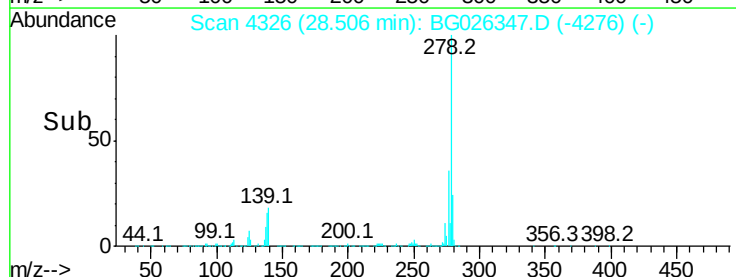
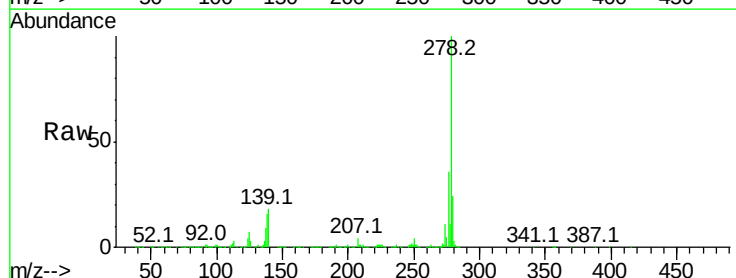
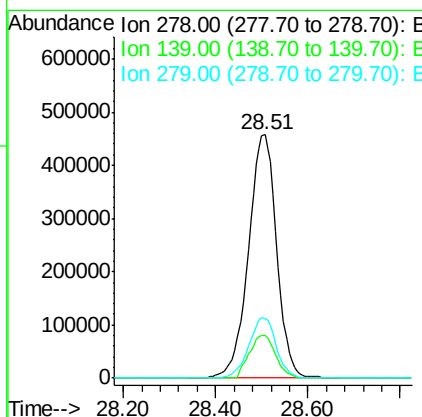
RT: 28.51 min Scan# 4326

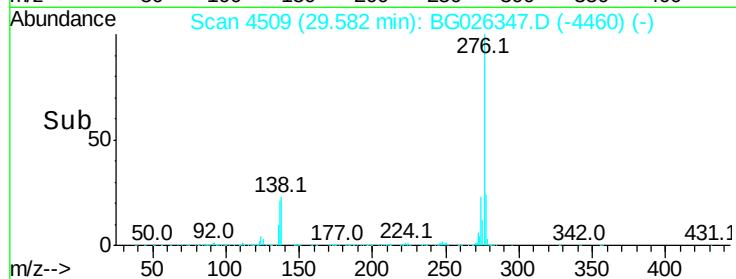
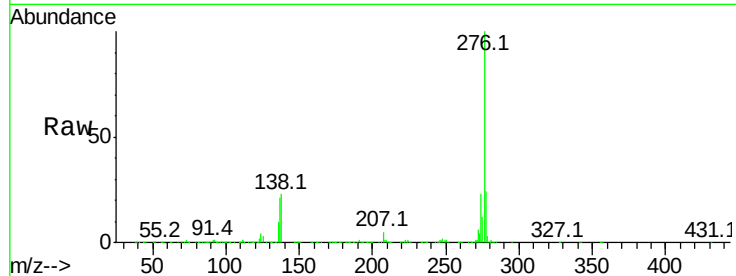
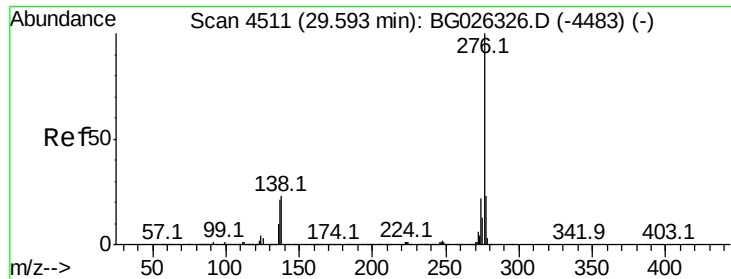
Delta R.T. -0.01 min

Lab File: BG026347.D

Acq: 21 Mar 2017 4:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.6	7.7	11.5#
279	24.4	19.1	28.7





#91

Benzo(a,h,i)perylene

Concen: 40.67 ng

RT: 29.58 min Scan# 4509

Delta R.T. -0.01 min

Lab File: BG026347.D

Acq: 21 Mar 2017 4:16

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:276 Resp: 1948652

Ion Ratio Lower Upper

276 100

277 23.7 18.6 27.8

138 23.3 8.1 12.1#

Manual Integrations

APPROVED

mohammad

3/21/2017 5:22:33 PM

