

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032017\
 Data File : BG026342.D
 Acq On : 21 Mar 2017 1:00
 Operator : SJ/MA
 Sample : PB97674BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB97674BS

Manual Integrations
 APPROVED

mohammad
 3/21/2017 5:22:42 PM

Quant Time: Mar 21 05:23:28 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	119023	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	511333	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	311684	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	785207	20.00	ng	0.00
75) Chrysene-d12	21.64	240	876716	20.00	ng	0.00
86) Perylene-d12	24.82	264	856542	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	1024903	152.84	ng	0.00
7) Phenol-d6	7.21	99	1363136	151.41	ng	0.00
23) Nitrobenzene-d5	9.20	82	729827	85.82	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	572511	160.40	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	1948127	87.65	ng	0.00
78) Terphenyl-d14	19.99	244	2879707	79.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	108371	36.00	ng	# 74
3) Pyridine	3.90	79	303354	36.80	ng	# 62
4) n-Nitrosodimethylamine	3.81	42	97613	43.32	ng	# 1
6) Aniline	7.37	93	287736	23.93	ng	# 88
8) 2-Chlorophenol	7.61	128	388545	51.46	ng	# 83
9) Benzaldehyde	7.18	77	109257	17.98	ng	# 70
10) Phenol	7.24	94	490620	51.07	ng	# 71
11) bis(2-Chloroethyl)ether	7.47	93	350746	44.52	ng	# 81
12) 1,3-Dichlorobenzene	7.94	146	406794	45.25	ng	# 87
13) 1,4-Dichlorobenzene	8.08	146	412723	45.39	ng	# 94
14) 1,2-Dichlorobenzene	8.40	146	392565	45.11	ng	# 92
15) Benzyl Alcohol	8.28	79	298528	50.58	ng	# 74
16) 2,2'-oxybis(1-Chloropropan	8.58	45	349667	39.97	ng	# 80
17) 2-Methylphenol	8.49	107	334861	49.08	ng	# 81
18) Hexachloroethane	9.13	117	133258	44.82	ng	# 88
19) n-Nitroso-di-n-propylamine	8.85	70	260397	44.99	ng	# 70
20) 3+4-Methylphenols	8.81	107	468136	49.84	ng	# 85
22) Acetophenone	8.86	105	545443	46.39	ng	# 74
24) Nitrobenzene	9.25	77	377827	45.00	ng	# 74
25) Isophorone	9.77	82	748947	46.73	ng	# 89
26) 2-Nitrophenol	9.96	139	221474	50.69	ng	# 61
27) 2,4-Dimethylphenol	10.02	122	378114	52.72	ng	# 86
28) bis(2-Chloroethoxy)methane	10.24	93	476007	45.72	ng	# 98
29) 2,4-Dichlorophenol	10.50	162	393236	54.22	ng	# 93
30) 1,2,4-Trichlorobenzene	10.71	180	388630	47.70	ng	# 96
31) Naphthalene	10.90	128	1174164	45.42	ng	# 99
32) Benzoic acid	10.16	122	280404	50.81	ng	# 72
33) 4-Chloroaniline	11.00	127	94278	8.97	ng	# 83
34) Hexachlorobutadiene	11.18	225	217068	45.16	ng	# 98
35) Caprolactam	11.77	113	152327m	53.30	ng	#
36) 4-Chloro-3-methylphenol	12.12	107	416220	53.65	ng	# 81
37) 2-Methylnaphthalene	12.49	142	910909	48.10	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	419490	44.73	ng	# 99
40) Hexachlorocyclopentadiene	12.84	237	489359	99.14	ng	# 95

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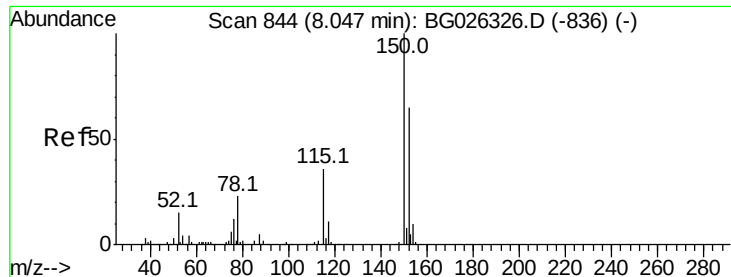
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	324757	52.89	nq	95
43) 2,4,5-Trichlorophenol	13.17	196	340603	50.18	nq #	92
45) 1,1'-Biphenyl	13.49	154	1178931	45.67	nq	97
46) 2-Chloronaphthalene	13.53	162	881727	46.77	nq	98
47) 2-Nitroaniline	13.73	65	256694	47.88	nq #	56
48) Acenaphthylene	14.38	152	1494433	45.47	nq	99
49) Dimethylphthalate	14.10	163	1179689	50.15	nq	99
50) 2,6-Dinitrotoluene	14.23	165	279469	50.90	nq #	57
51) Acenaphthene	14.72	154	940197	46.46	nq	100
52) 3-Nitroaniline	14.55	138	110443	18.27	nq #	66
53) 2,4-Dinitrophenol	14.76	184	352730	110.74	nq #	79
54) Dibenzofuran	15.05	168	1451354	50.93	nq	90
55) 4-Nitrophenol	14.87	139	545057	110.10	nq #	40
56) 2,4-Dinitrotoluene	15.02	165	410340	53.14	nq #	68
57) Fluorene	15.70	166	1203206	47.45	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.27	232	333682	56.37	nq #	98
59) Diethylphthalate	15.46	149	1217873	50.65	nq	99
60) 4-Chlorophenyl-phenylether	15.68	204	585613	48.73	nq	90
61) 4-Nitroaniline	15.71	138	315134	49.28	nq #	52
62) Azobenzene	15.98	77	1018020	52.07	nq	79
64) 4,6-Dinitro-2-methylphenol	15.78	198	254409	51.39	nq	85
65) n-Nitrosodiphenylamine	15.90	169	1082328	46.97	nq	99
66) 4-Bromophenyl-phenylether	16.57	248	391180	48.40	nq	97
67) Hexachlorobenzene	16.70	284	409772	47.53	nq	93
68) Atrazine	16.84	200	402527	46.14	nq	98
69) Pentachlorophenol	17.04	266	542577	96.80	nq	96
70) Phenanthrene	17.43	178	1942375	46.07	nq	98
71) Anthracene	17.52	178	2007495	46.66	nq	99
72) Carbazole	17.78	167	1946251	43.94	nq	97
73) Di-n-butylphthalate	18.33	149	2203131	48.41	nq #	95
74) Fluoranthene	19.43	202	2322570	46.84	nq	96
76) Benzdine	19.60	184	638832	21.13	nq	98
77) Pyrene	19.79	202	2354833	46.39	nq	99
79) Butylbenzylphthalate	20.67	149	1007810	49.62	nq #	84
80) Benzo(a)anthracene	21.61	228	2270859	46.03	nq	100
81) 3,3'-Dichlorobenzidine	21.53	252	526927	26.09	nq #	98
82) Chrysene	21.68	228	2087271	44.28	nq	99
83) Bis(2-ethylhexyl)phthalate	21.51	149	1467208	47.82	nq	97
84) Di-n-octyl phthalate	22.71	149	2540011	48.51	nq #	82
85) Indeno(1,2,3-cd)pyrene	28.45	276	2844355	48.87	nq #	87
87) Benzo(b)fluoranthene	23.81	252	2372099	46.98	nq #	96
88) Benzo(k)fluoranthene	23.88	252	2355558	48.11	nq #	94
89) Benzo(a)pyrene	24.67	252	2329753	48.11	nq #	95
90) Dibenzo(a,h)anthracene	28.51	278	2351655	48.05	nq #	93
91) Benzo(g,h,i)perylene	29.59	276	2361116	47.88	nq #	87

(#) = 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: BG026342.D

Acq: 21 Mar 2017 1:00

Instrument :

BNA_G

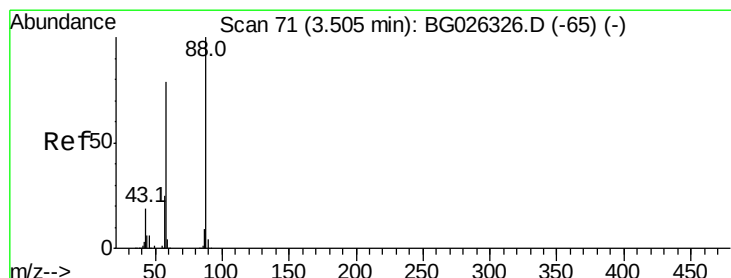
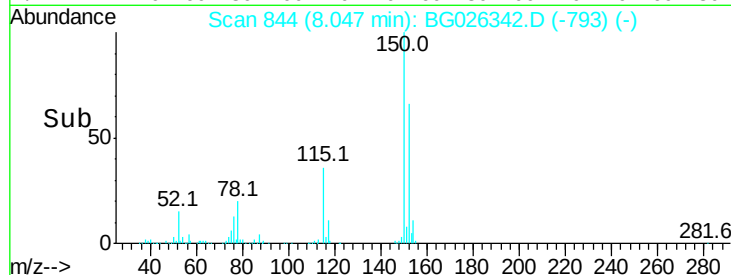
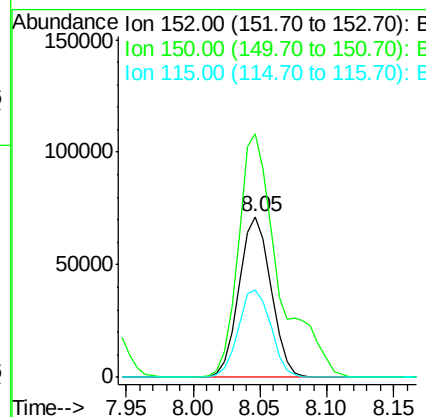
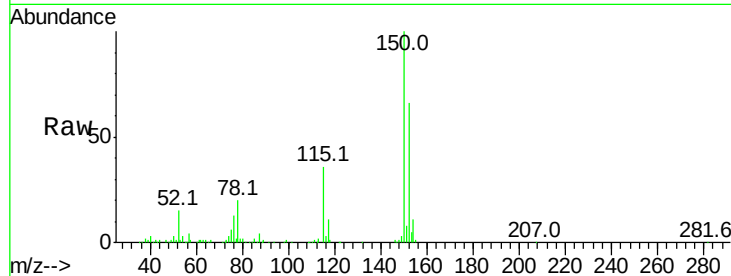
ClientSampleId :

PB97674BS

Tot Ion:	152	Resp:	119023
Ion Ratio	Lower	Upper	
152	100		
150	151.5	114.0	171.0
115	54.8	48.1	72.1

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#2

1,4-Dioxane

Concen: 36.00 ng

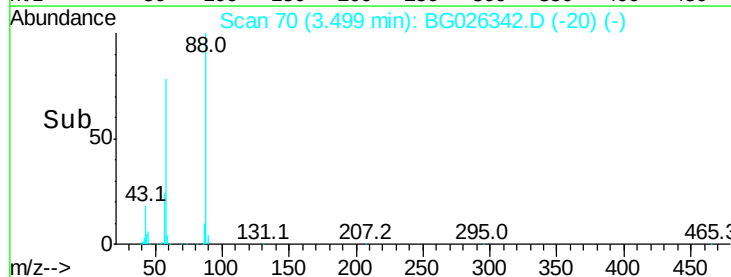
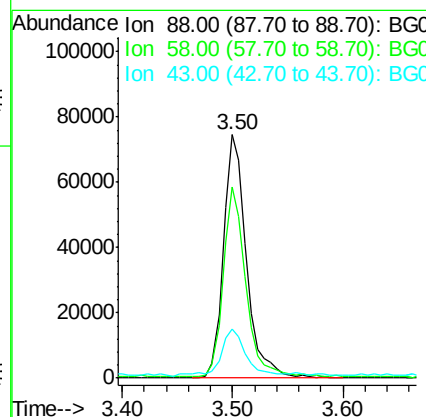
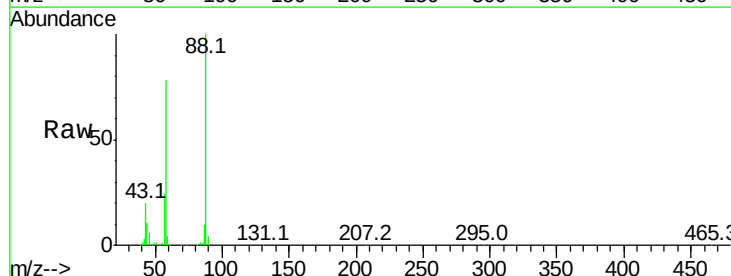
RT: 3.50 min Scan# 70

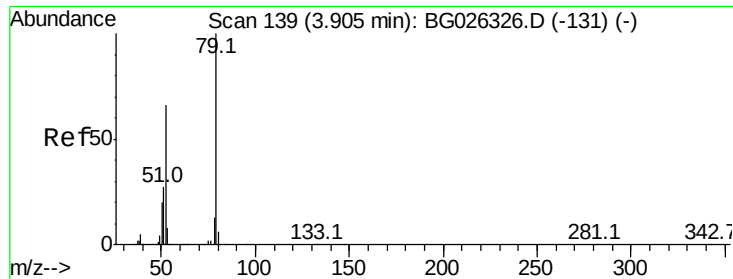
Delta R.T. -0.01 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

Tgt Ion:	88	Resp:	108371
Ion Ratio	Lower	Upper	
88	100		
58	76.2	79.4	119.2#
43	21.1	33.8	50.6#





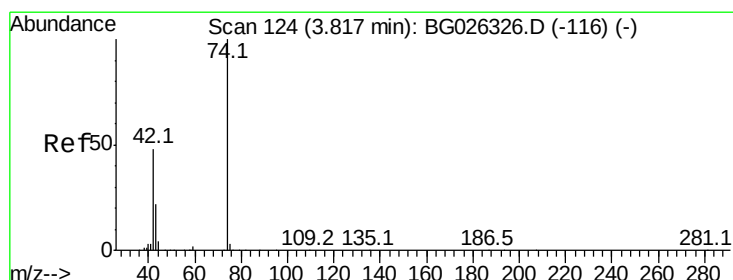
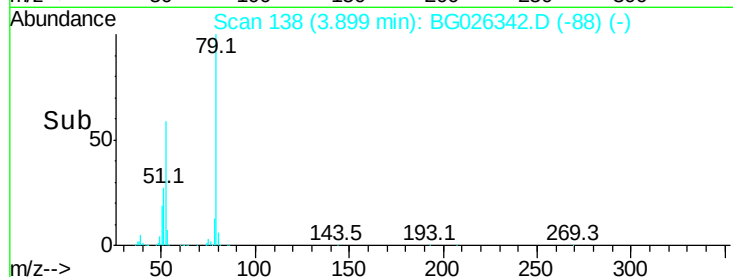
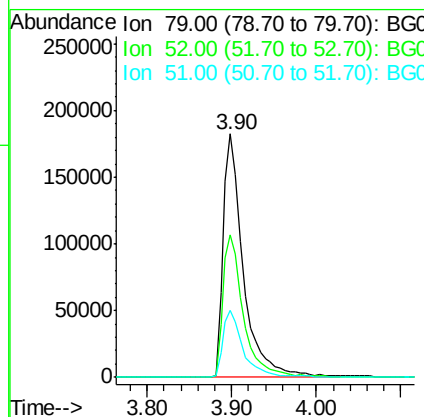
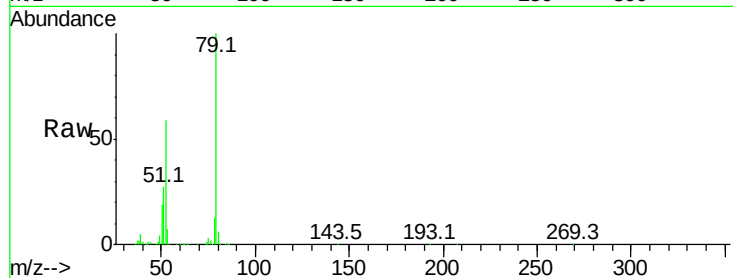
#3
Pvridine
Concen: 36.80 ng
RT: 3.90 min Scan# 138
Delta R.T. -0.01 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

Instrument :
BNA_G
ClientSampleId :
PB97674BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	58.8	77.8	116.6#
51	27.3	43.2	64.8#

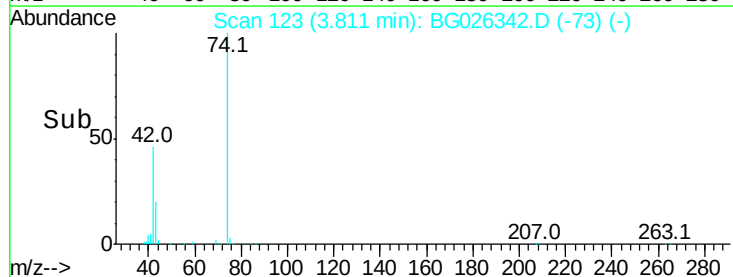
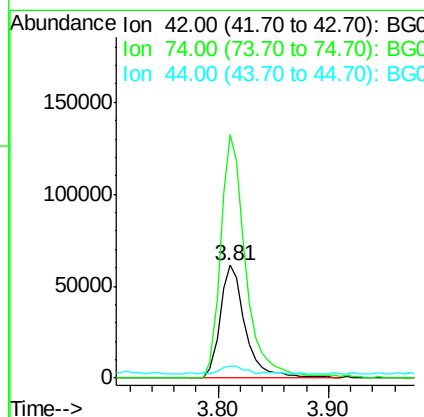
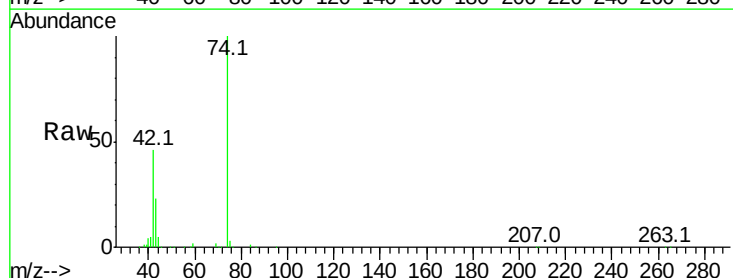
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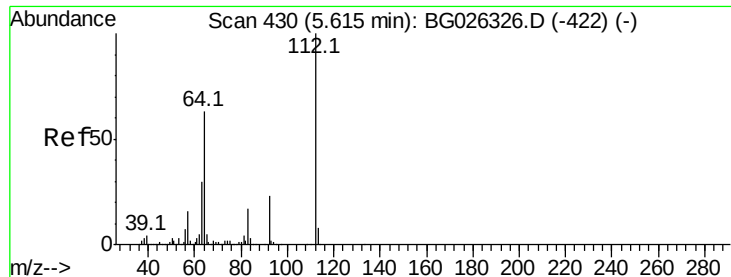
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#4
n-Nitrosodimethylamine
Concen: 43.32 ng
RT: 3.81 min Scan# 123
Delta R.T. -0.01 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

Tgt Ion	Ratio	Lower	Upper
42	100		
74	215.5	76.7	115.1#
44	11.1	6.1	9.1#





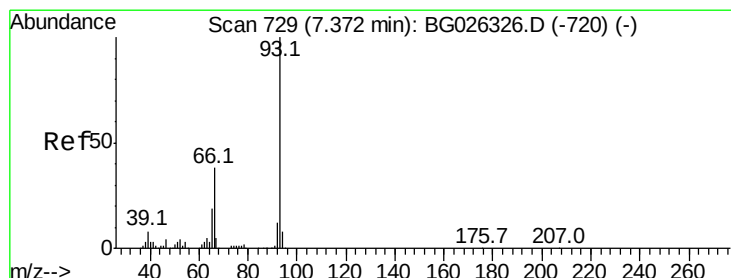
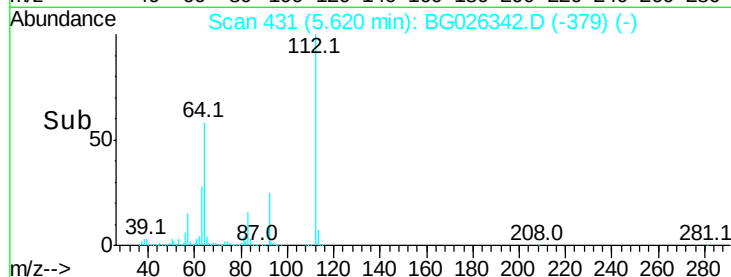
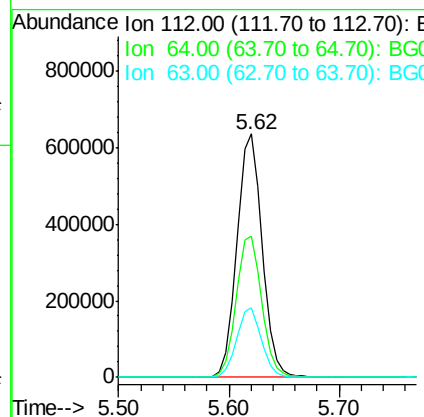
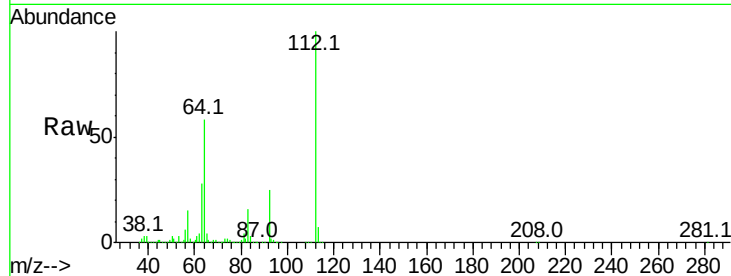
#5
 2-Fluorophenol
 Concen: 152.84 ng
 RT: 5.62 min Scan# 431
 Delta R.T. 0.01 min
 Lab File: BG026342.D
 Acq: 21 Mar 2017 1:00

Instrument :
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Tot Ion	Ratio	Lower	Upper
112	100		
64	57.9	61.8	92.6#
63	28.3	37.2	55.8#

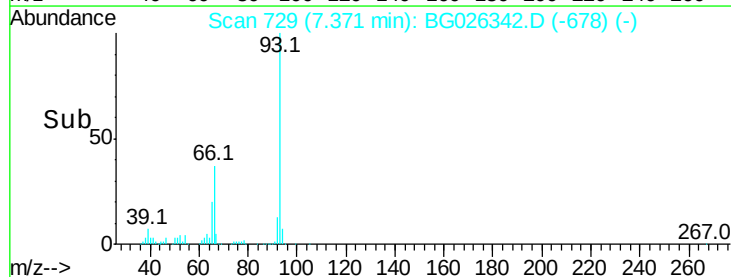
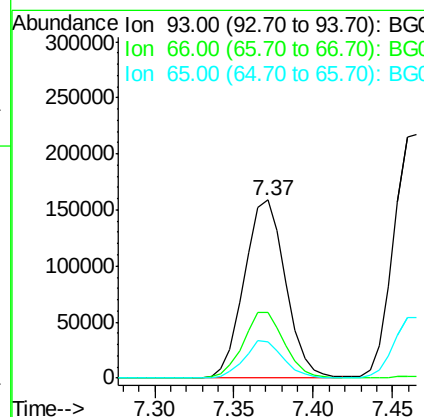
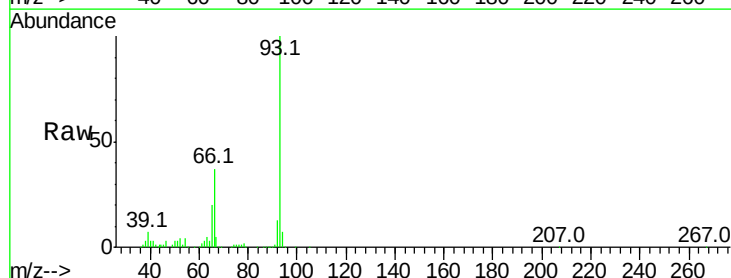
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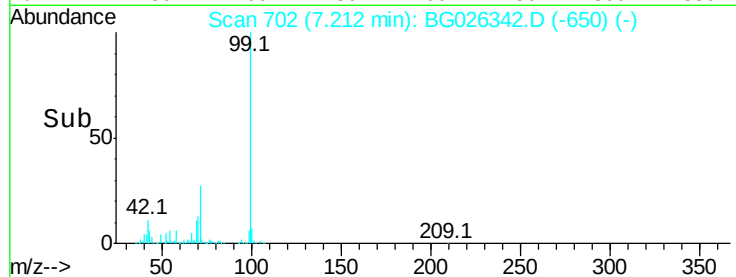
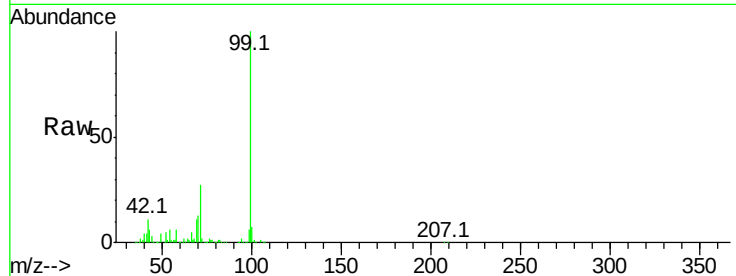
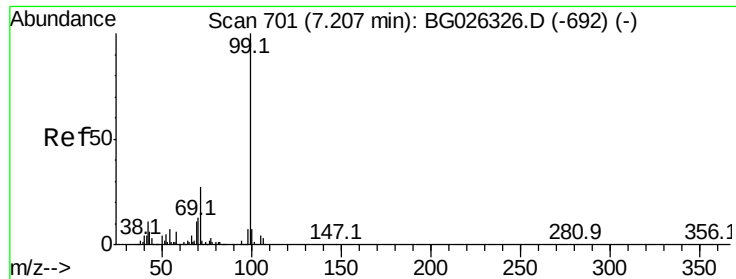
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#6
 Aniline
 Concen: 23.93 ng
 RT: 7.37 min Scan# 729
 Delta R.T. -0.00 min
 Lab File: BG026342.D
 Acq: 21 Mar 2017 1:00

Tgt Ion	Ratio	Lower	Upper
93	100		
66	37.1	35.4	53.2
65	20.2	21.2	31.8#





#7

Phenol-d6

Concen: 151.41 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

Tot Ion:	99	Resp:	1363136
Ion	Ratio	Lower	Upper
99	100		
42	11.0	20.5	30.7#
71	26.6	37.6	56.4#

Instrument :

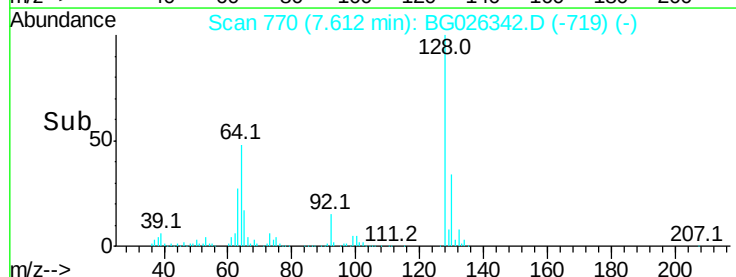
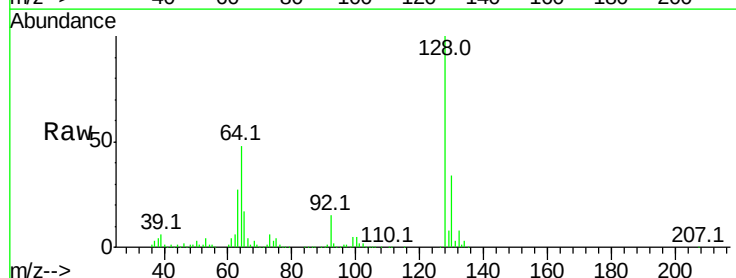
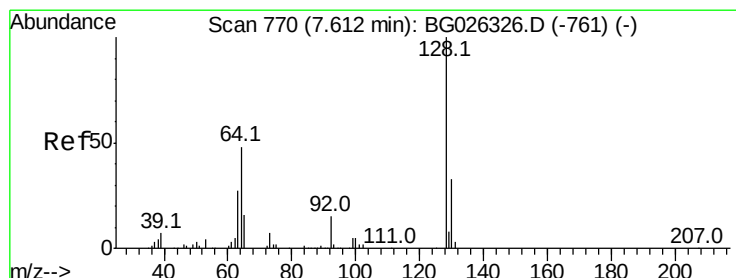
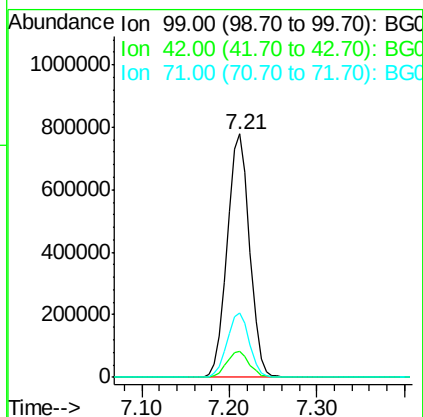
BNA_G

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#8

2-Chlorophenol

Concen: 51.46 ng

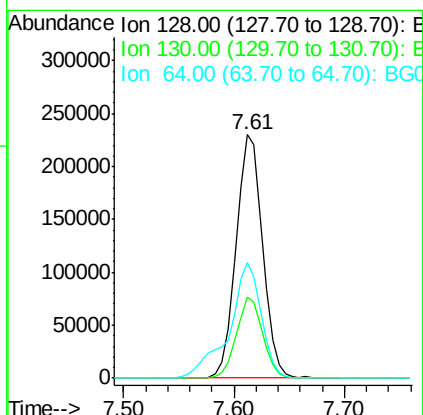
RT: 7.61 min Scan# 770

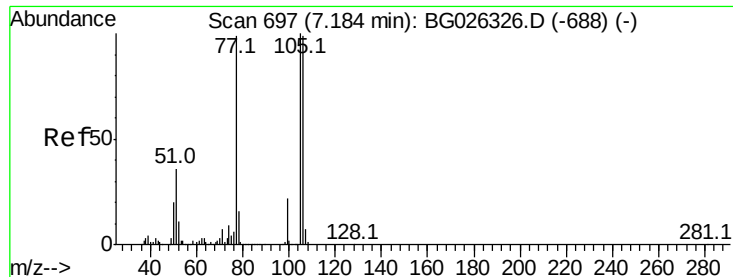
Delta R.T. -0.00 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

Tgt Ion:	128	Resp:	388545
Ion	Ratio	Lower	Upper
128	100		
130	33.5	11.4	51.4
64	47.5	46.6	86.6





#9

Benzaldehyde

Concen: 17.98 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

Instrument :

BNA_G

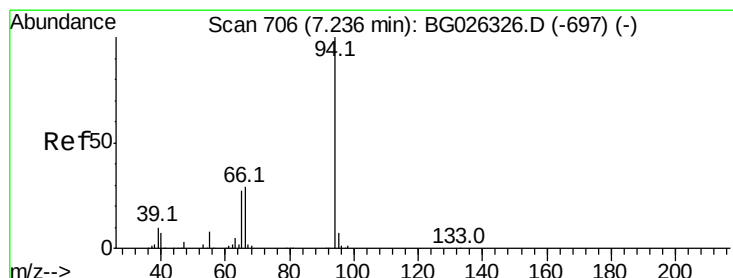
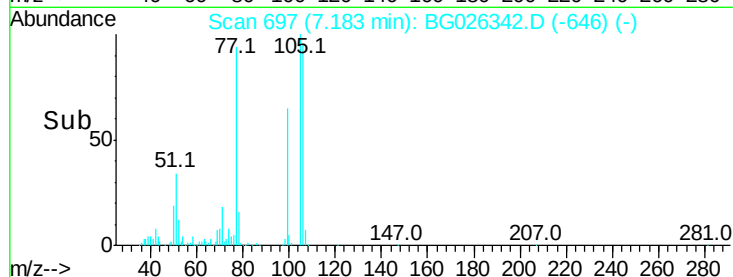
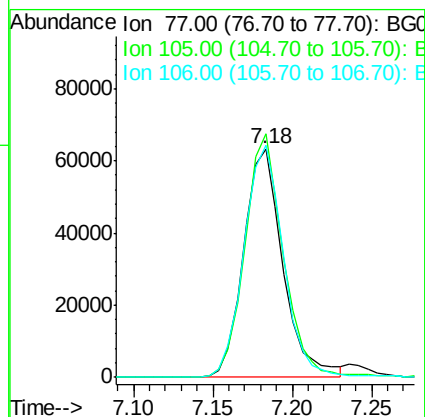
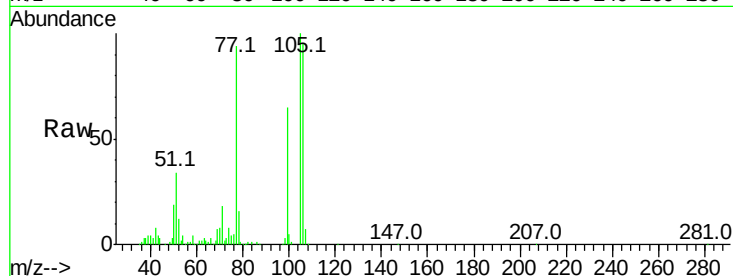
ClientSampleId :

PB97674BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	106.6	60.9	100.9#
106	101.6	55.1	95.1#

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#10

Phenol

Concen: 51.07 ng

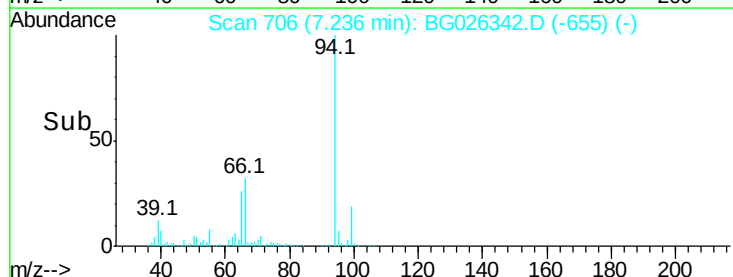
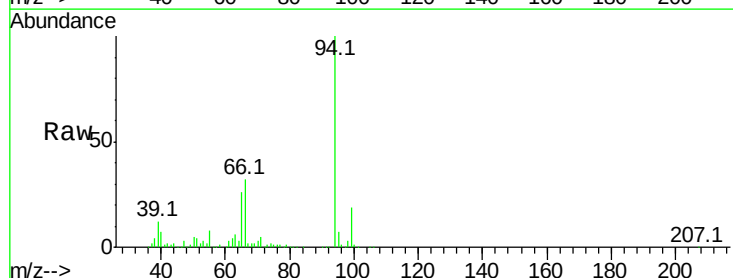
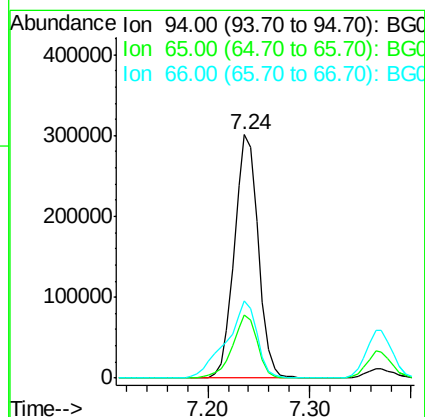
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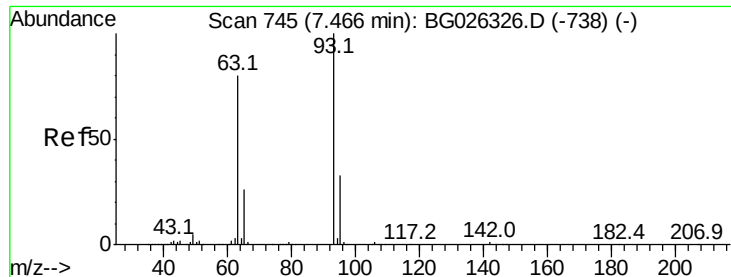
Delta R.T. -0.00 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

Tgt Ion	Ratio	Lower	Upper
94	100		
65	25.8	20.6	60.6
66	31.8	35.5	75.5#





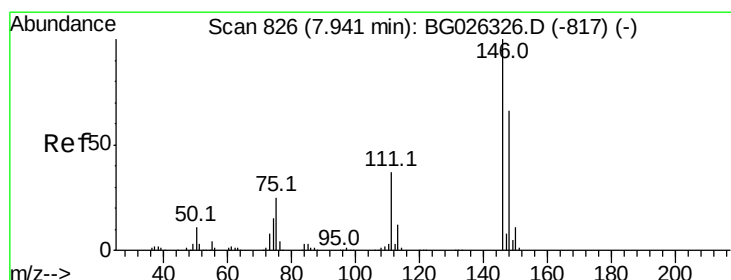
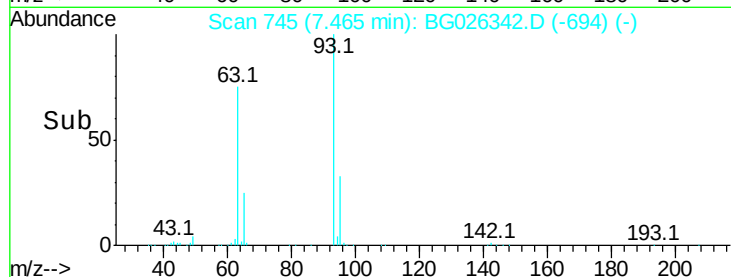
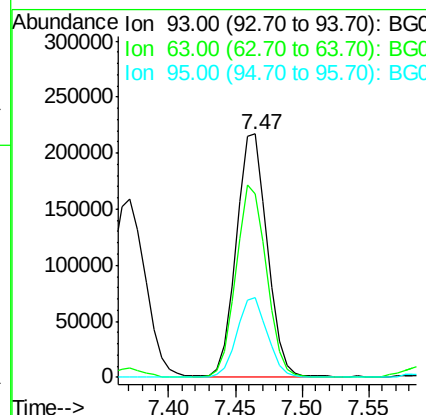
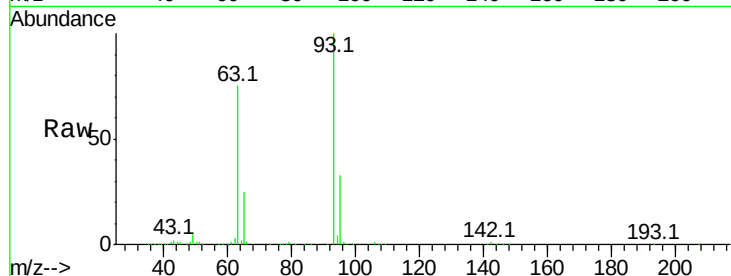
#11
bis(2-Chloroethyl)ether
Concen: 44.52 ng
RT: 7.47 min Scan# 745
Delta R.T. -0.00 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

Instrument :
BNA_G
ClientSampleId :
PB97674BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.3	78.5	118.5#
95	32.9	9.8	49.8

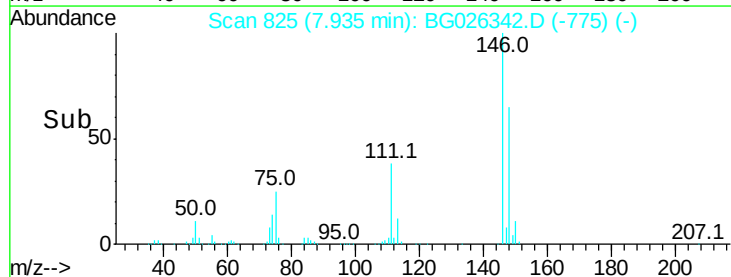
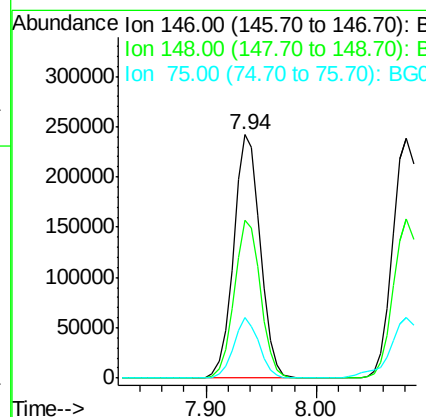
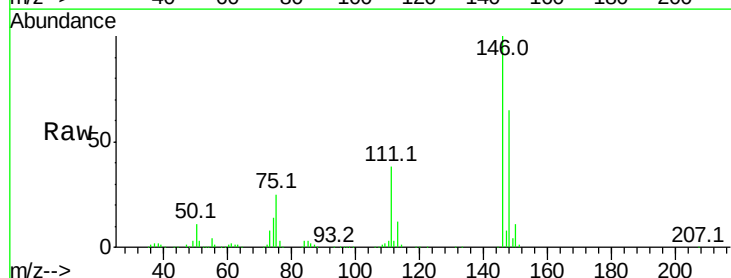
Manual Integrations
APPROVED

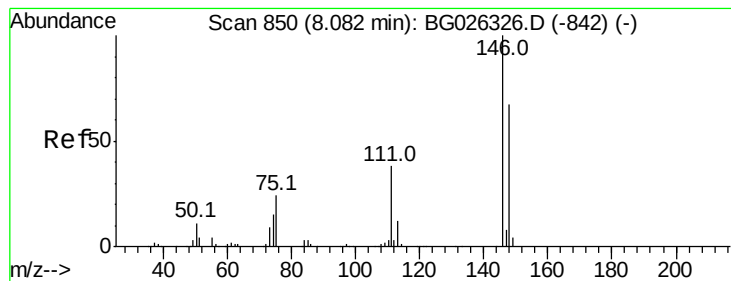
mohammad
3/21/2017 5:22:42 PM



#12
1,3-Dichlorobenzene
Concen: 45.25 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	49.2	73.8
75	25.1	33.4	50.2#





#13

1,4-Dichlorobenzene

Concen: 45.39 ng

RT: 8.08 min Scan# 850

Delta R.T. -0.00 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

Instrument :

BNA_G

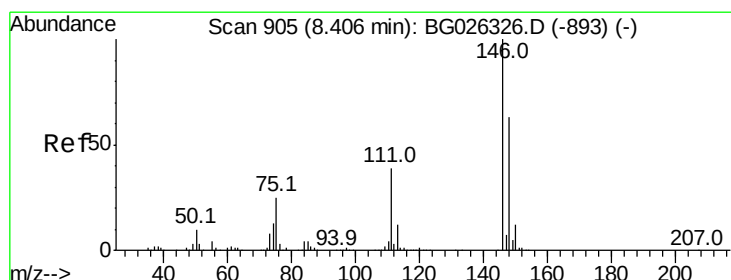
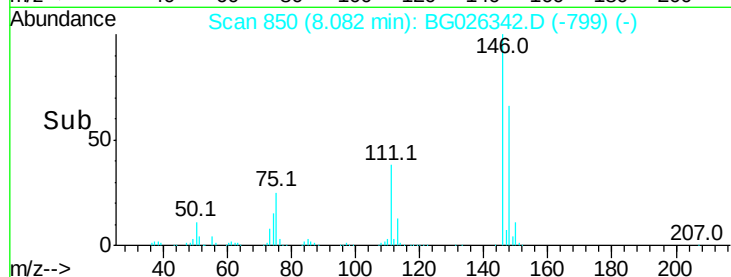
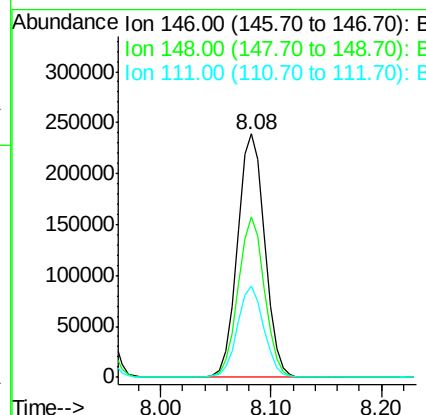
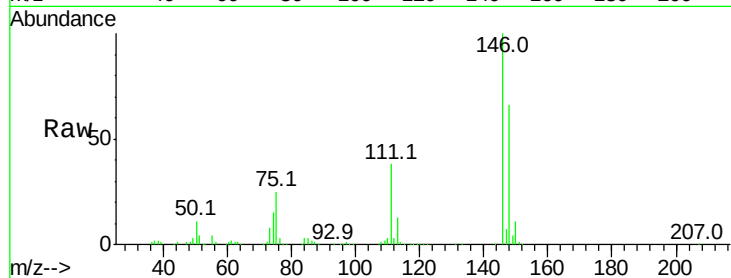
ClientSampleId :

PB97674BS

Tot Ion:	146	Resp:	412723
Ion Ratio	Lower	Upper	
146	100		
148	66.1	52.2	78.2
111	37.6	37.0	55.6

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 45.11 ng

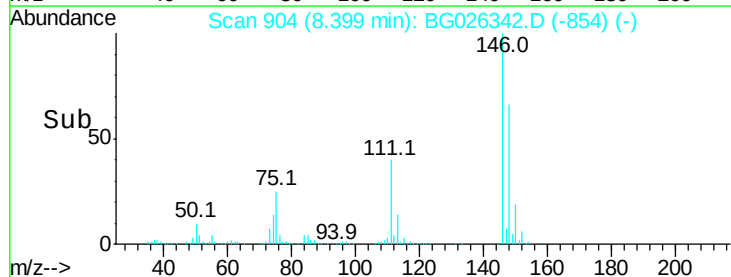
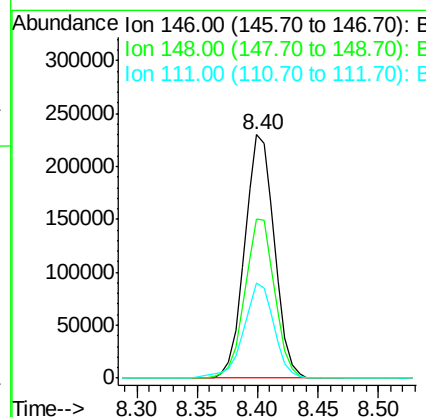
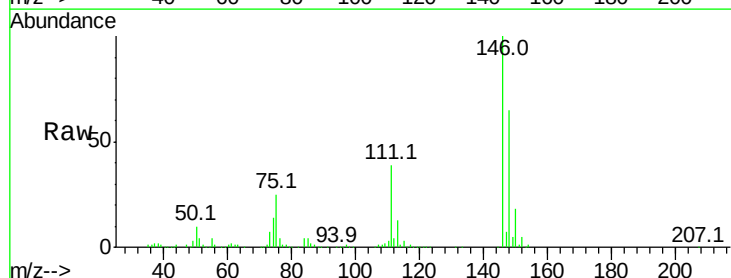
RT: 8.40 min Scan# 904

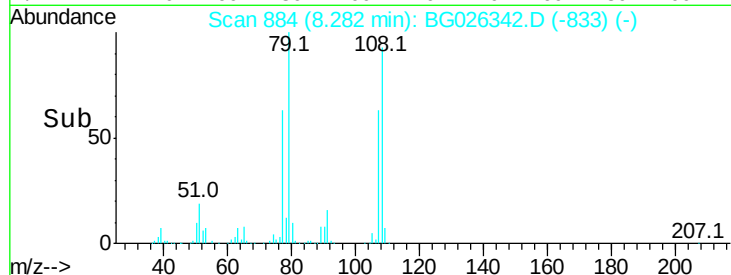
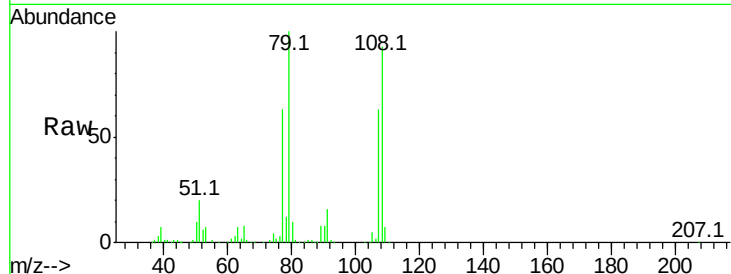
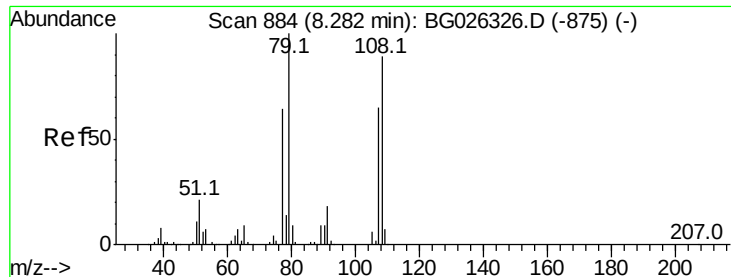
Delta R.T. -0.01 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

Tgt Ion:	146	Resp:	392565
Ion Ratio	Lower	Upper	
146	100		
148	65.4	54.6	81.8
111	39.2	39.7	59.5#





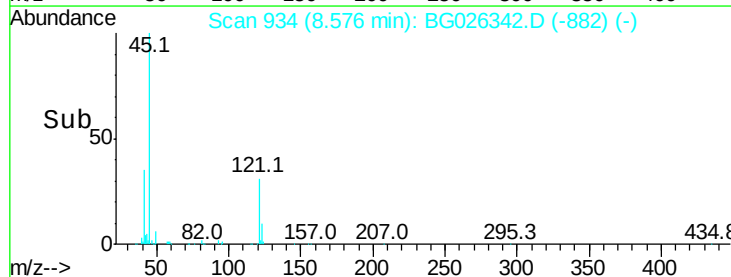
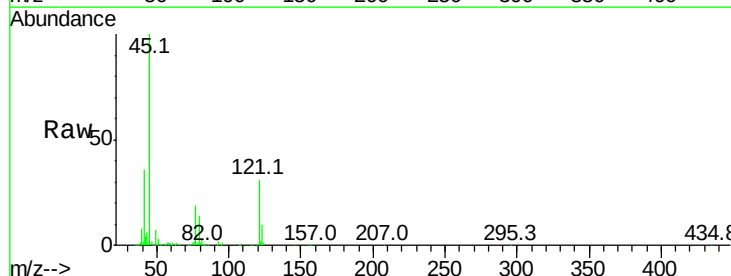
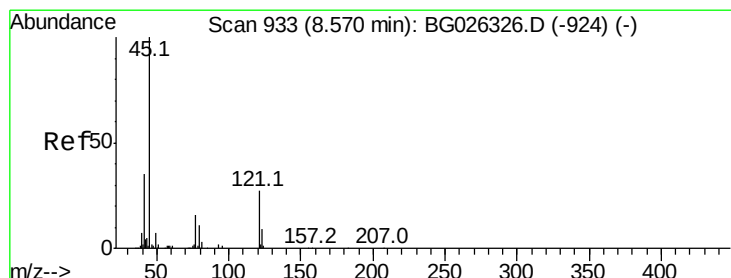
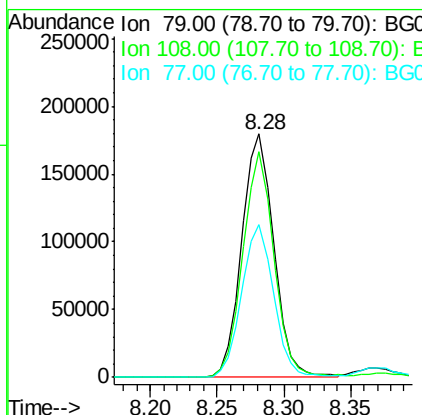
#15
Benzyl Alcohol
Concen: 50.58 ng
RT: 8.28 min Scan# 884
Delta R.T. -0.00 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

Tot Ion	Ratio	Lower	Upper
79	100		
108	92.8	45.5	68.3#
77	62.9	54.3	81.5

Instrument :
BNA_G
ClientSampleId :
PB97674BS

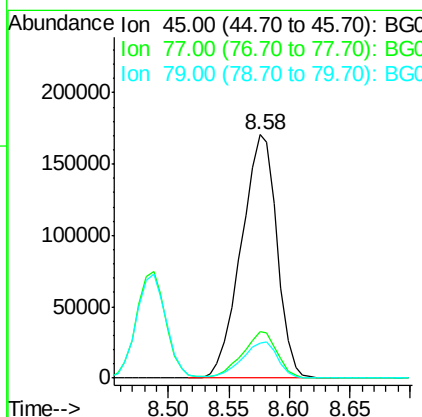
Manual Integrations
APPROVED

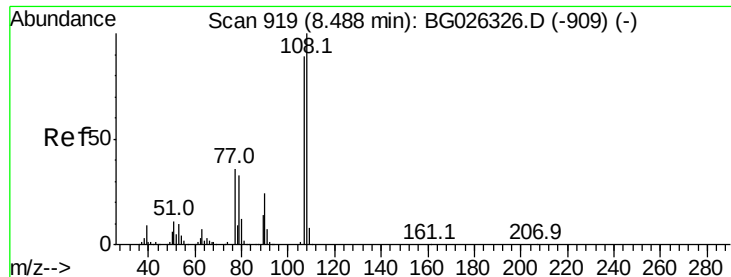
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.97 ng
RT: 8.58 min Scan# 934
Delta R.T. 0.01 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

Tgt Ion	Ratio	Lower	Upper
45	100		
77	19.2	0.0	30.6
79	14.2	0.0	28.5





#17

2-Methylphenol

Concen: 49.08 ng

RT: 8.49 min Scan# 919

Delta R.T. -0.00 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

Instrument :

BNA_G

ClientSampleId :

PB97674BS

Tot Ion:107 Resp: 334861

Ion Ratio Lower Upper

107 100

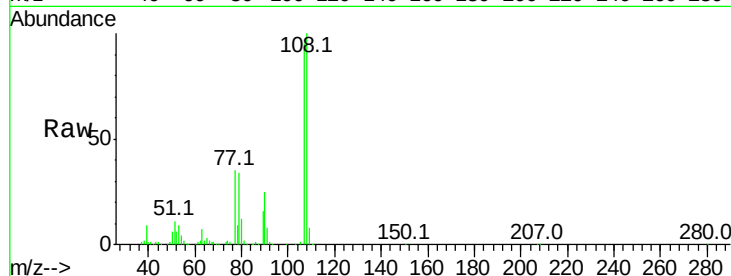
108 105.5 85.6 128.4

77 36.4 51.4 77.2#

79 35.5 49.2 73.8#

Manual Integrations
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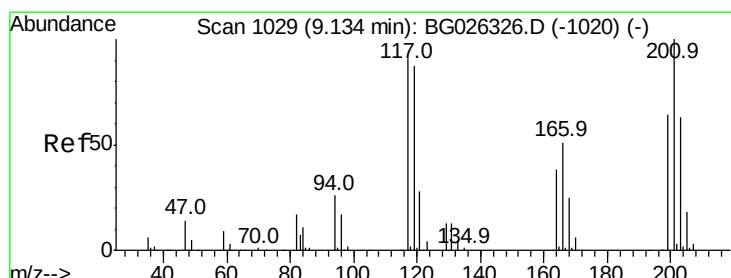
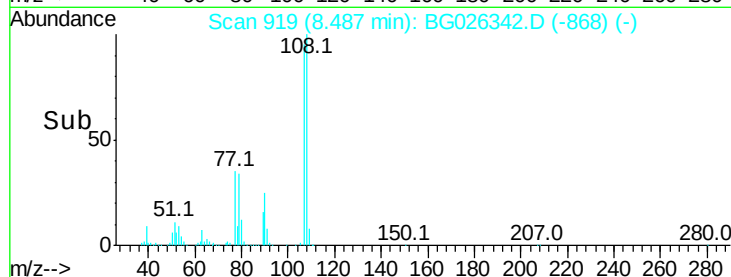
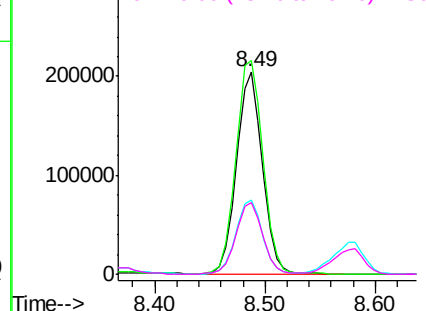
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 44.82 ng

RT: 9.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

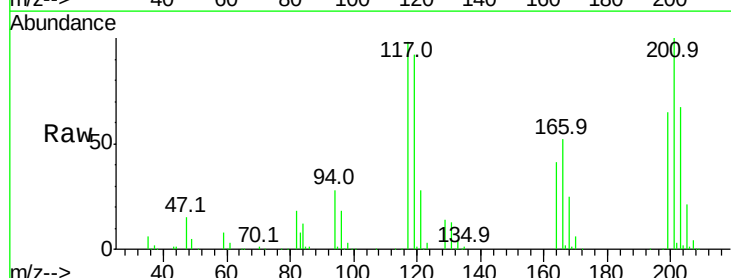
Tgt Ion:117 Resp: 133258

Ion Ratio Lower Upper

117 100

119 93.2 69.8 104.6

201 101.8 95.4 143.0

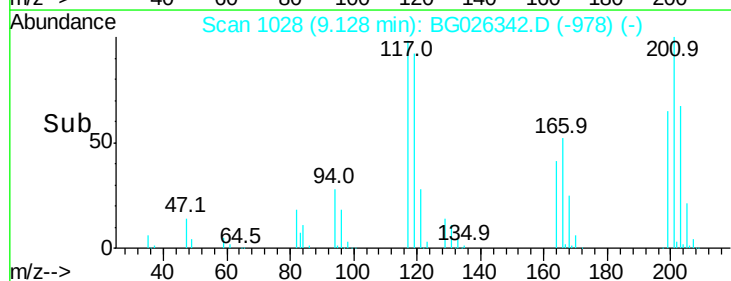
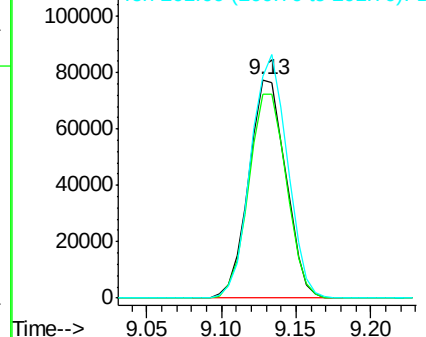


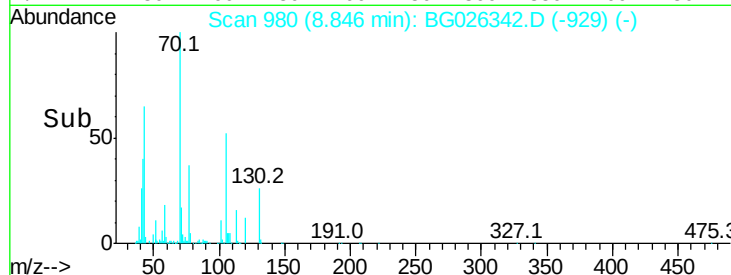
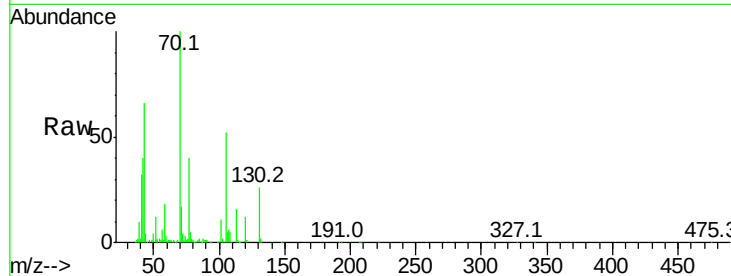
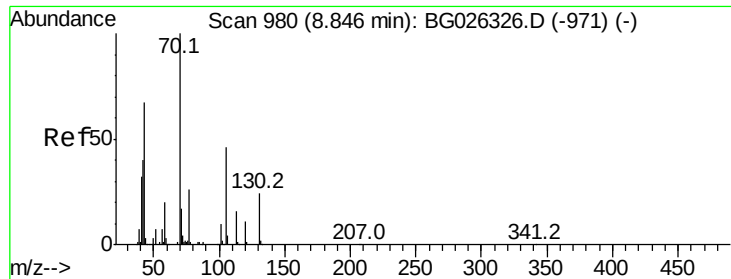
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





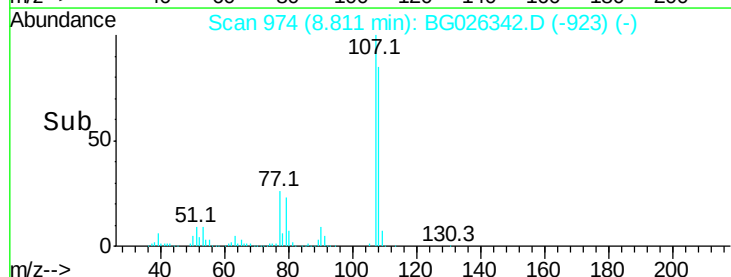
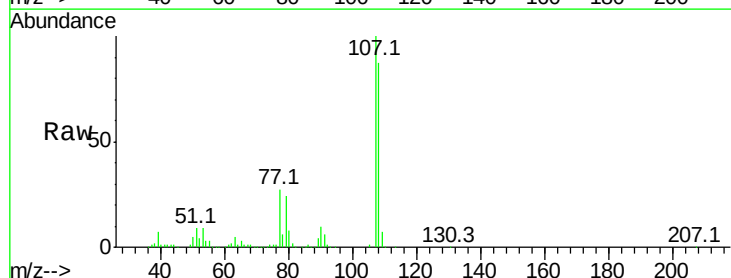
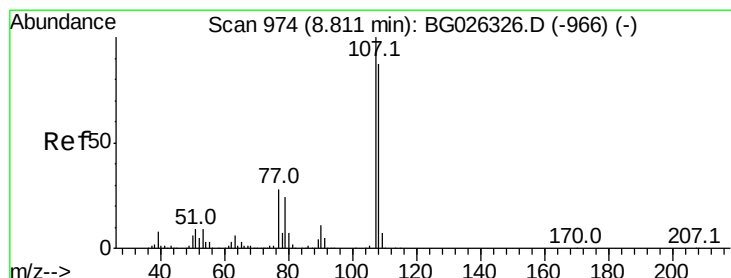
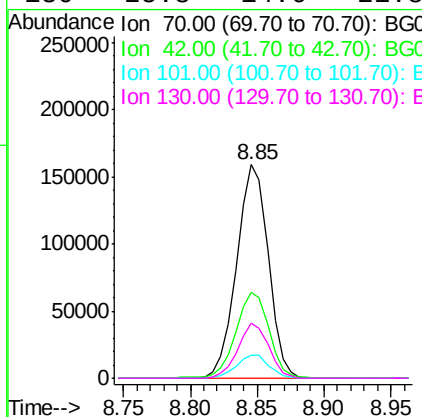
#19
n-Nitroso-di-n-propylamine
Concen: 44.99 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

Instrument :
BNA_G
ClientSampleId :
PB97674BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	40.3	56.1	84.1#
101	10.6	7.5	11.3
130	25.8	14.6	21.8#

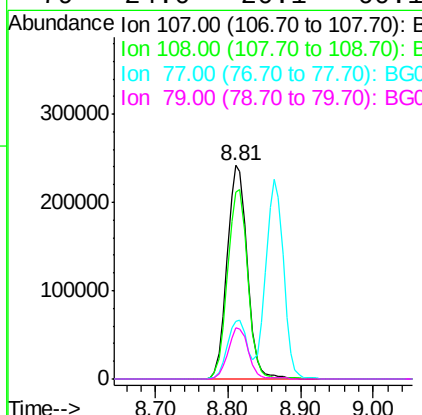
Manual Integrations
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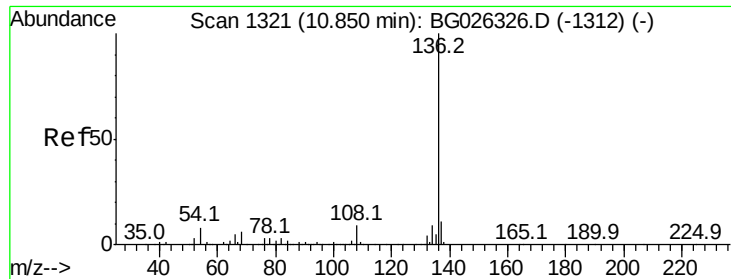
mohammad
3/21/2017 5:22:42 PM



#20
3+4-Methylphenols
Concen: 49.84 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.4	70.8	110.8
77	26.7	25.8	65.8
79	24.0	20.1	60.1





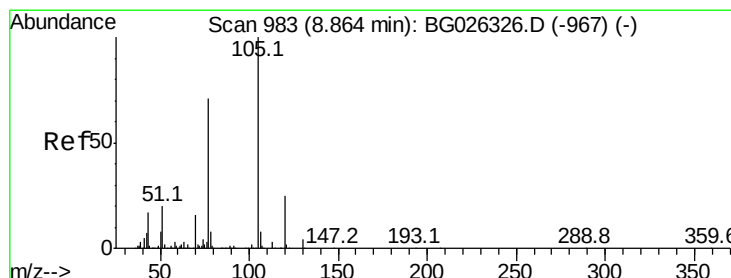
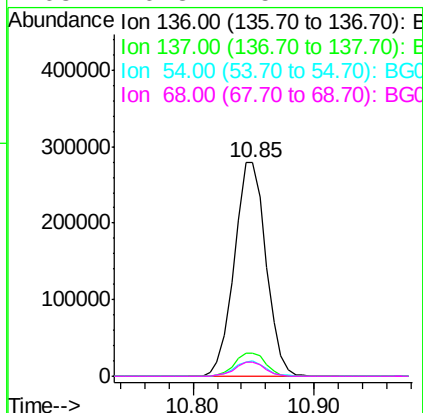
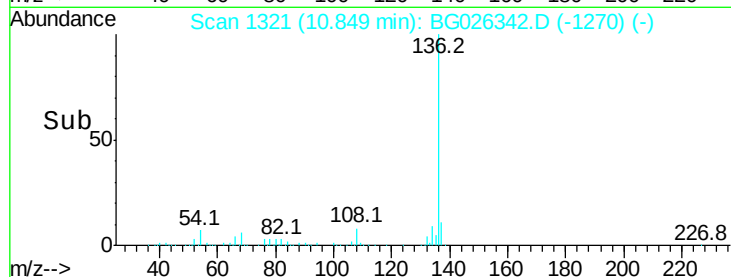
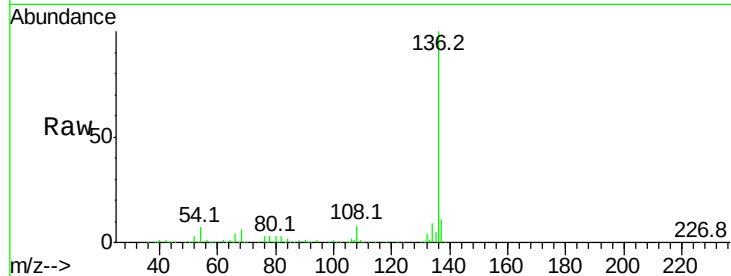
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

Instrument :
BNA_G
ClientSampleId :
PB97674BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.9	13.3	
54	7.4	9.3	13.9	
68	6.3	5.1	7.7	

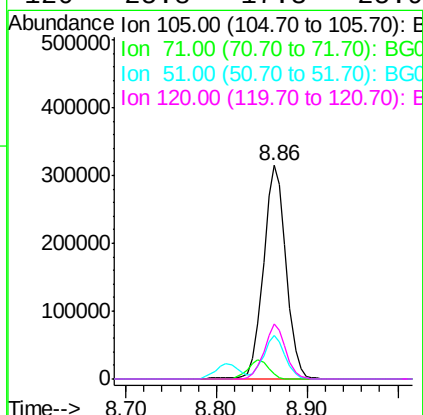
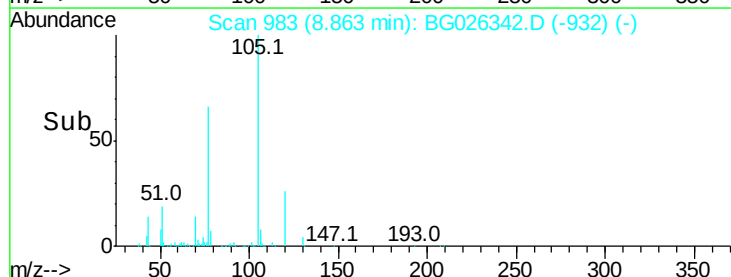
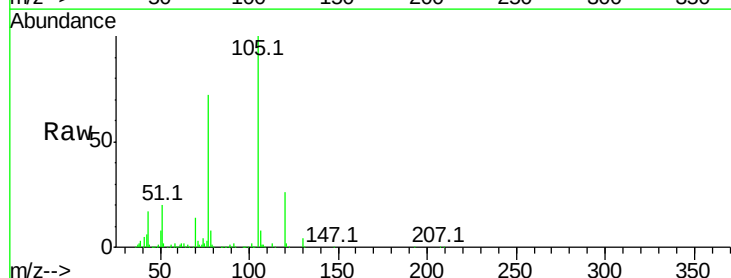
Manual Integrations
APPROVED

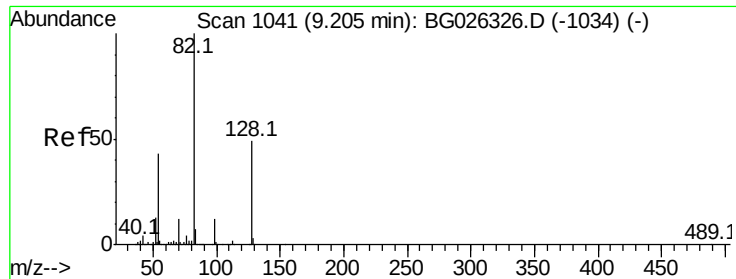
mohammad
3/21/2017 5:22:42 PM



#22
Acetophenone
Concen: 46.39 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.6	0.9	1.3	
51	20.2	34.0	51.0	
120	25.8	17.3	25.9	





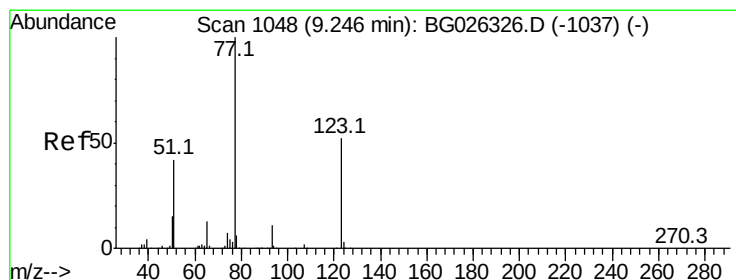
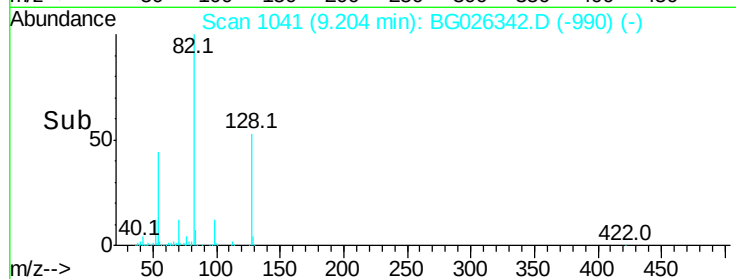
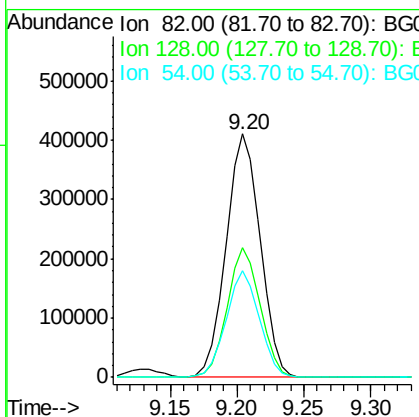
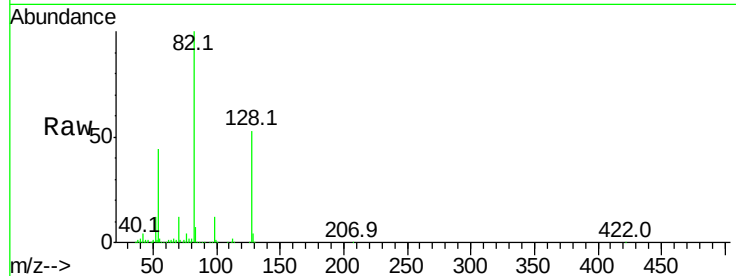
#23
 Nitrobenzene-d5
 Concen: 85.82 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BG026342.D
 Acq: 21 Mar 2017 1:00

Instrument :
 BNA_G
 ClientSampleId :
 PB97674BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	53.5	26.4	39.6#
54	43.9	49.4	74.2#

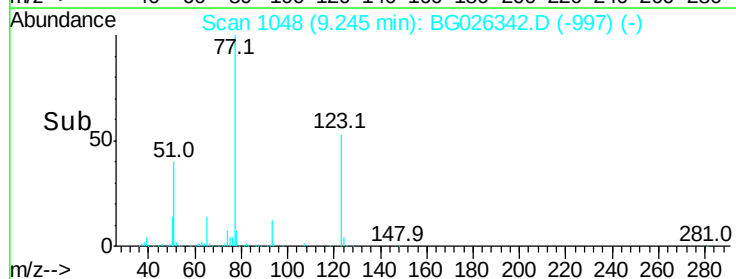
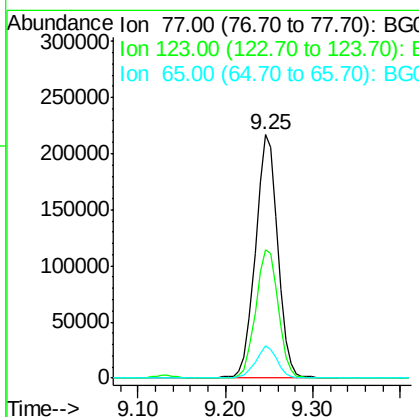
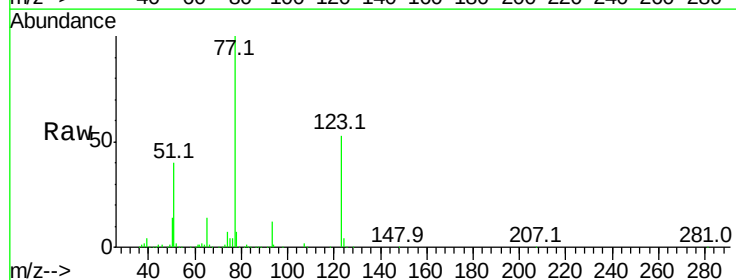
Manual Integrations
 APPROVED

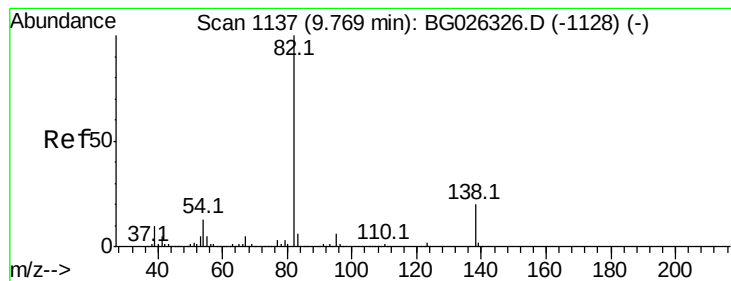
mohammad
 3/21/2017 5:22:42 PM



#24
 Nitrobenzene
 Concen: 45.00 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BG026342.D
 Acq: 21 Mar 2017 1:00

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.7	26.1	39.1#
65	13.5	12.4	18.6





#25

Isophorone

Concen: 46.73 ng

RT: 9.77 min Scan# 1137

Delta R.T. -0.00 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

Instrument :

BNA_G

ClientSampleId :

PB97674BS

Tot Ion: 82 Resp: 748947

Ion Ratio Lower Upper

82 100

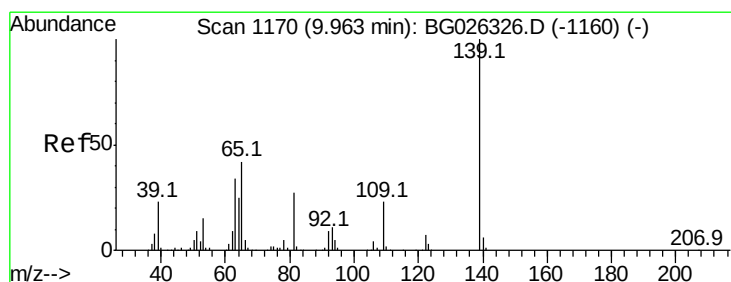
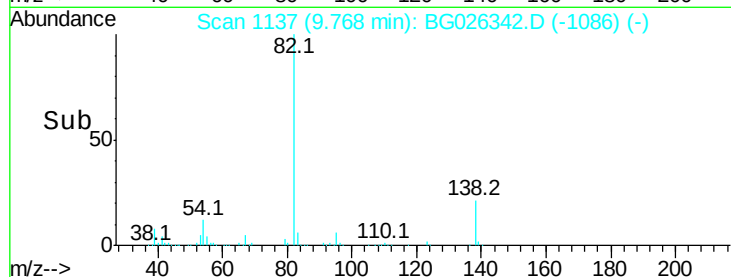
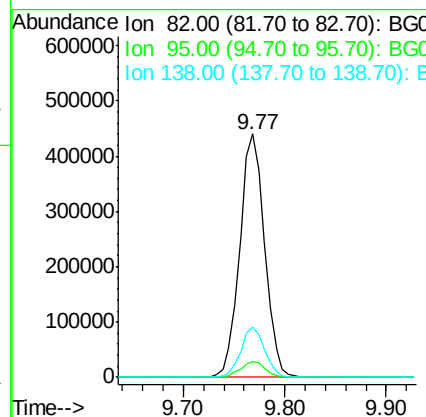
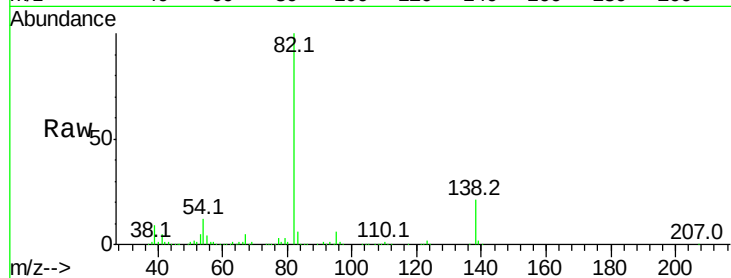
95 6.2 7.5 11.3#

138 20.5 12.3 18.5#

Manual Integrations
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#26

2-Nitrophenol

Concen: 50.69 ng

RT: 9.96 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

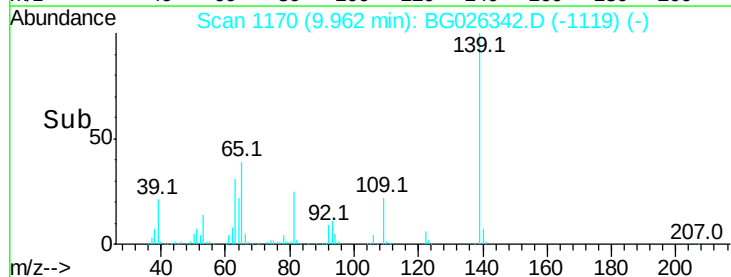
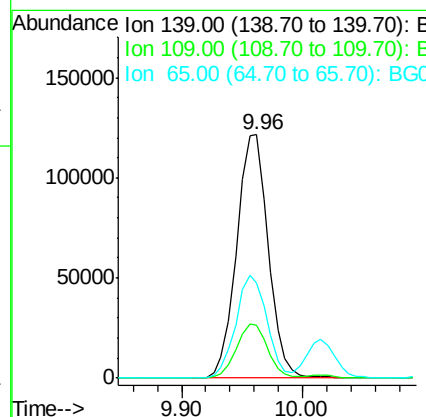
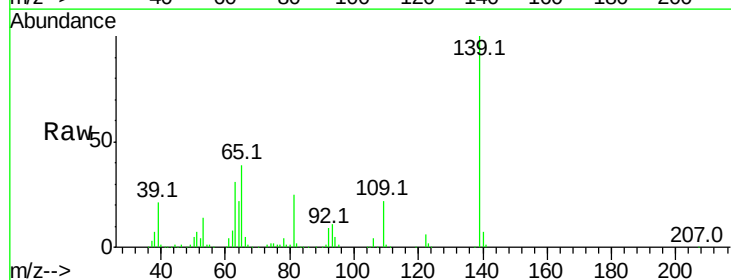
Tgt Ion: 139 Resp: 221474

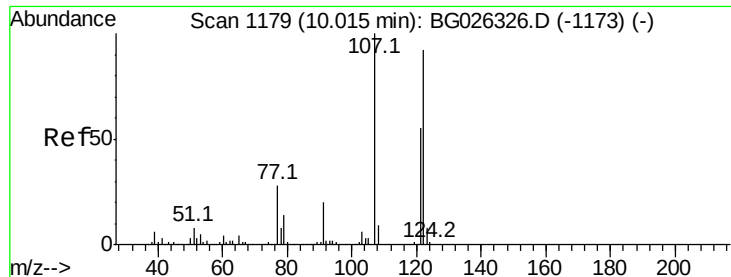
Ion Ratio Lower Upper

139 100

109 21.9 38.6 58.0#

65 39.3 57.1 85.7#





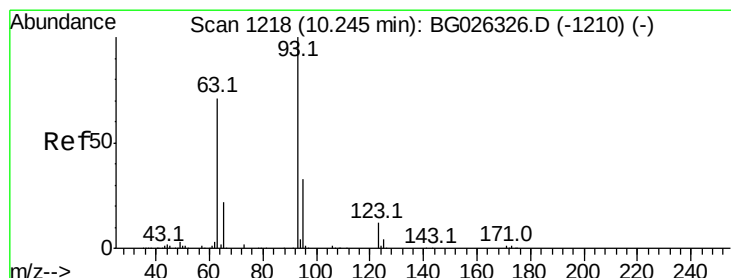
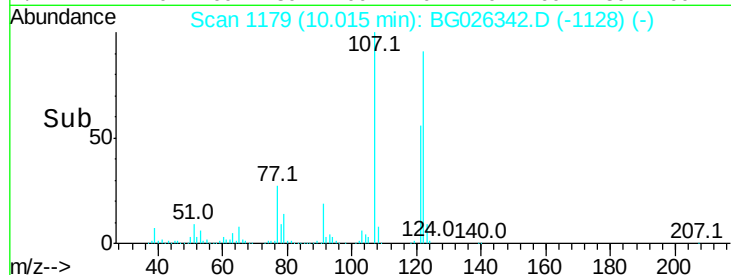
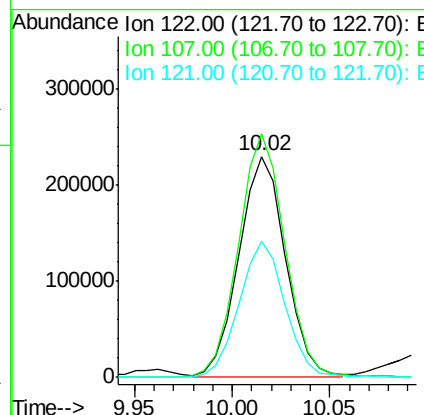
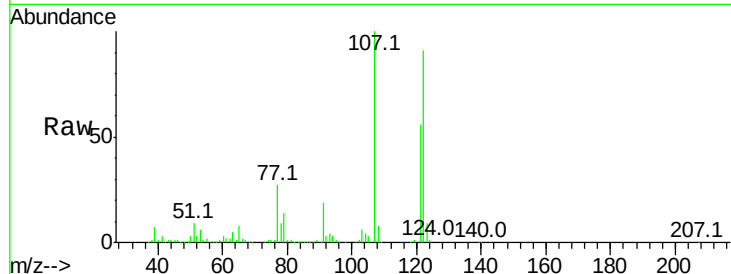
#27
 2,4-Dimethylphenol
 Concen: 52.72 ng
 RT: 10.02 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BG026342.D
 Acq: 21 Mar 2017 1:00

Instrument :
 BNA_G
 ClientSampleId :
 PB97674BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.3	104.2	156.4
121	61.6	46.0	69.0

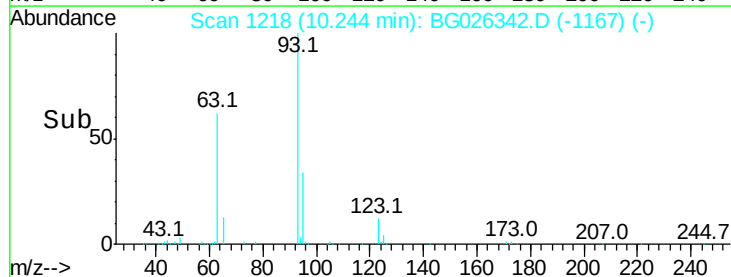
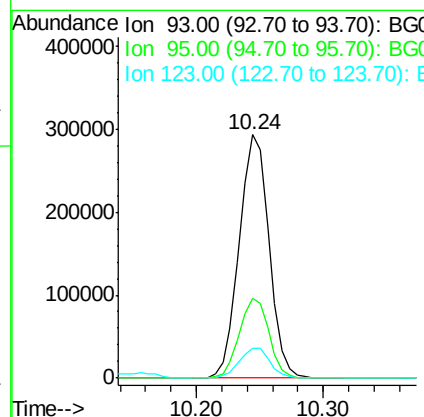
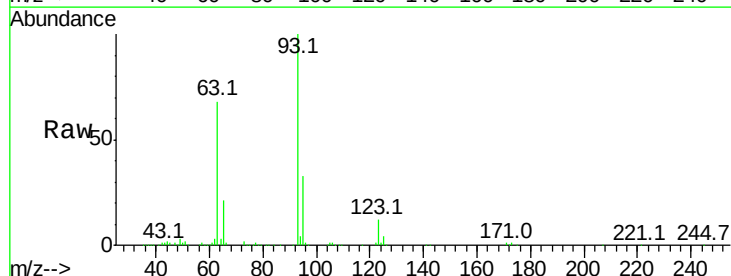
Manual Integrations
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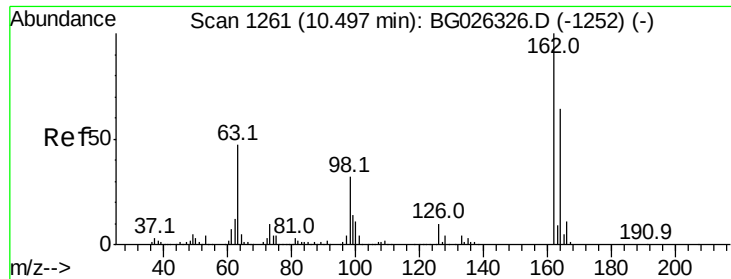
mohammad
 3/21/2017 5:22:42 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.72 ng
 RT: 10.24 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BG026342.D
 Acq: 21 Mar 2017 1:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	25.7	38.5
123	12.2	8.3	12.5





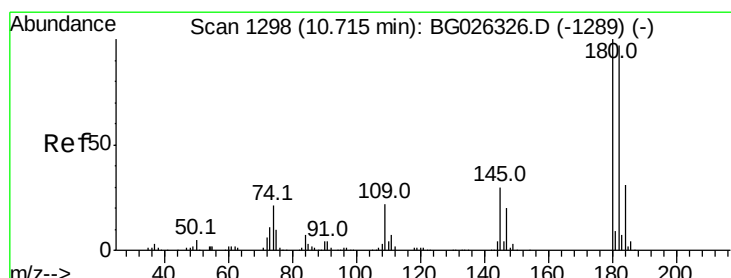
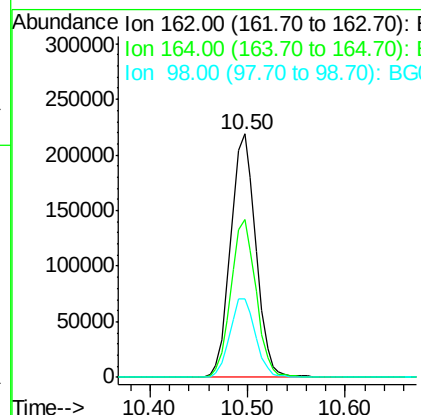
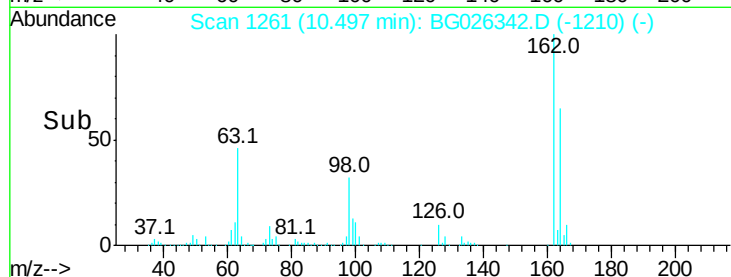
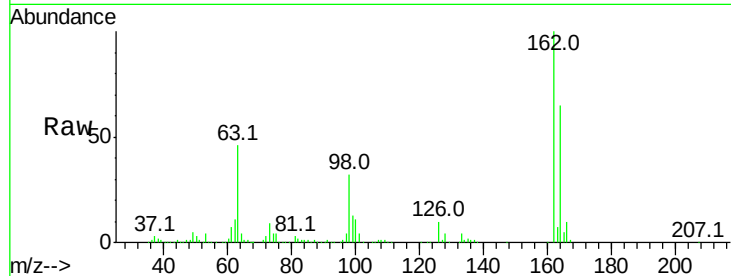
#29
 2,4-Dichlorophenol
 Concen: 54.22 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BG026342.D
 Acq: 21 Mar 2017 1:00

Instrument :
 BNA_G
 ClientSampleId :
 PB97674BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	393236		
164	64.7	42.4	82.4	
98	32.2	20.3	60.3	

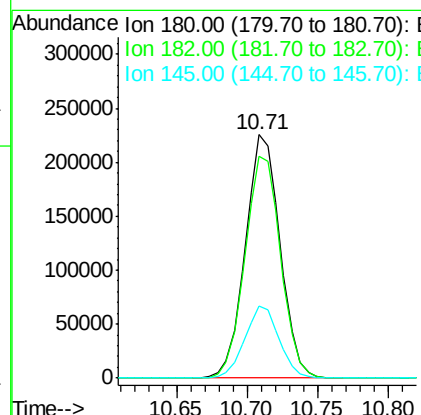
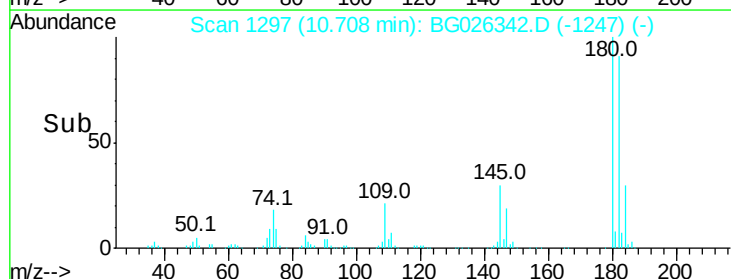
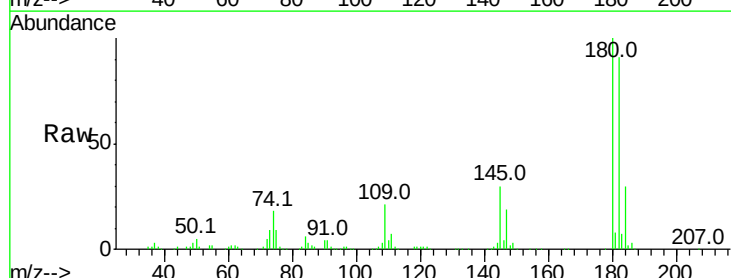
Manual Integrations
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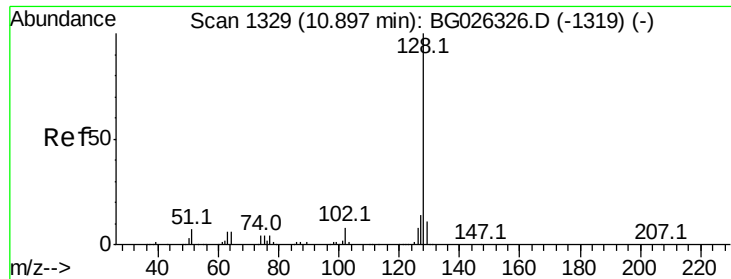
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 47.70 ng
 RT: 10.71 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BG026342.D
 Acq: 21 Mar 2017 1:00

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	388630		
182	91.0	77.0	115.4	
145	29.6	23.4	35.0	





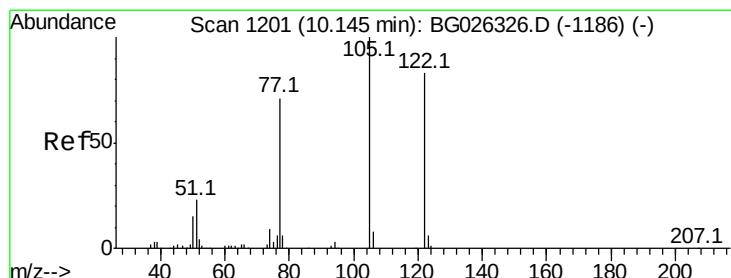
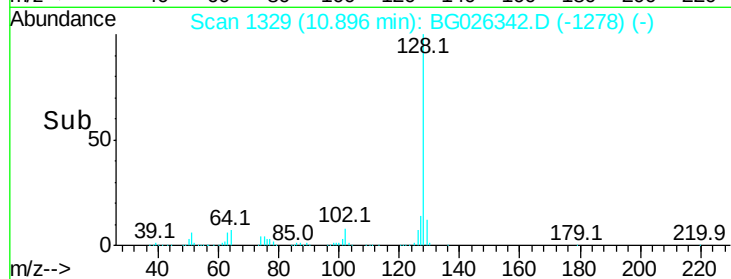
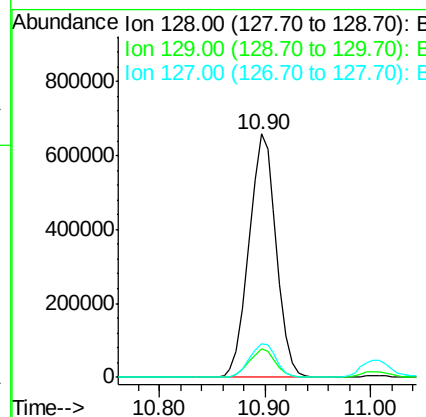
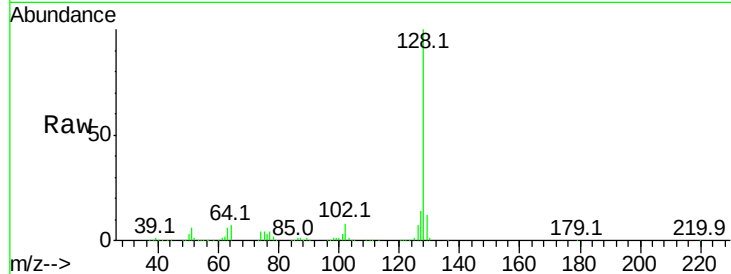
#31
Naphthalene
Concen: 45.42 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

Instrument :
BNA_G
ClientSampleId :
PB97674BS

Tot Ion:128 Resp: 1174164
Ion Ratio Lower Upper
128 100
129 11.5 9.3 13.9
127 13.9 11.4 17.0

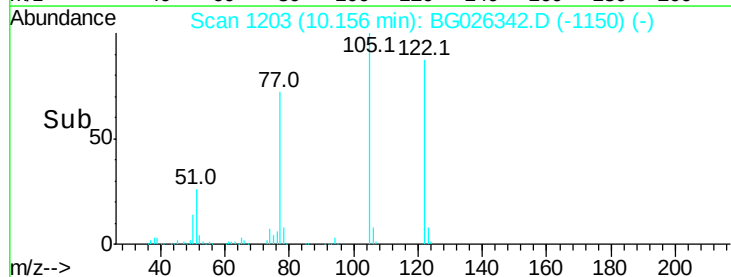
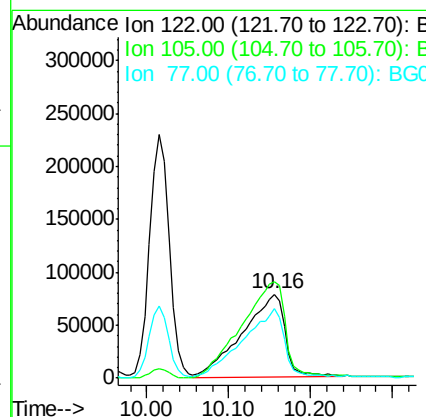
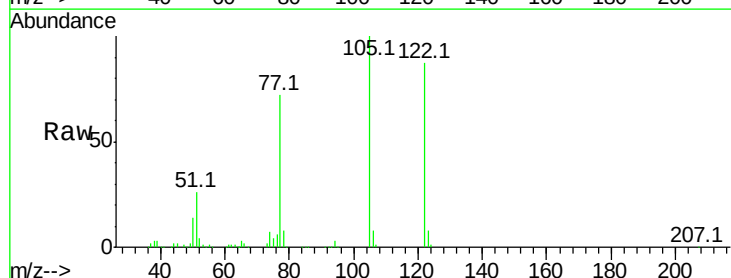
Manual Integrations
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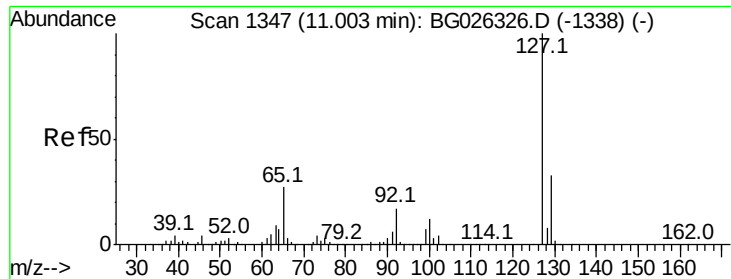
mohammad
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#32
Benzoic acid
Concen: 50.81 ng
RT: 10.16 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

Tgt Ion:122 Resp: 280404
Ion Ratio Lower Upper
122 100
105 115.2 120.1 160.1#
77 83.5 104.6 144.6#





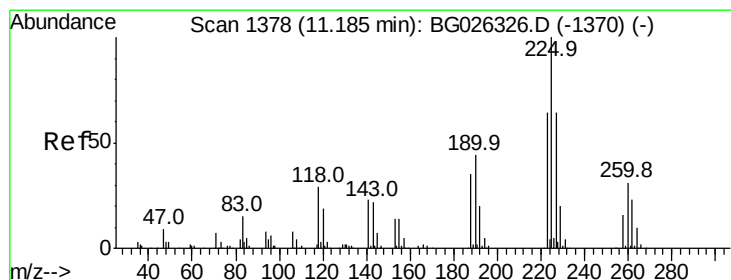
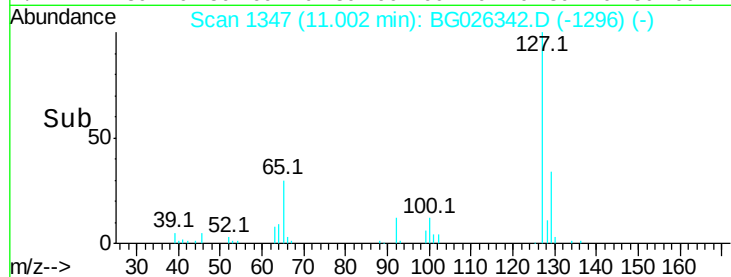
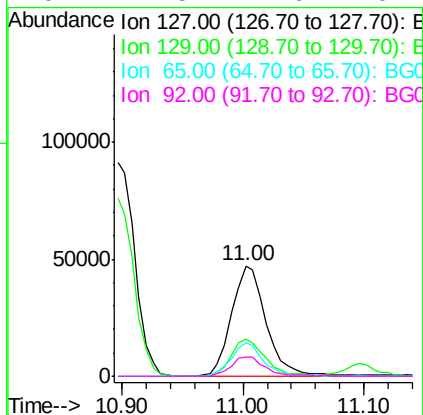
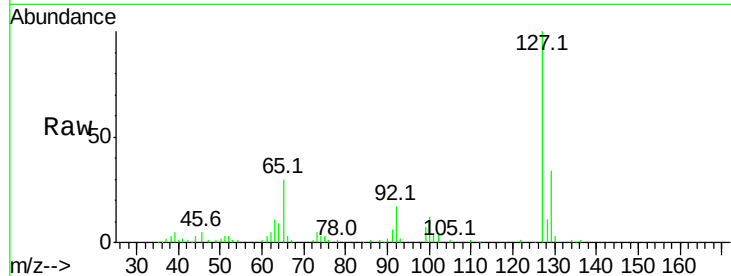
#33
4-Chloroaniline
Concen: 8.97 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

Instrument :
BNA_G
ClientSampleId :
PB97674BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	34.1	23.6	35.4		
65	30.1	37.7	56.5		
92	17.5	17.6	26.4		

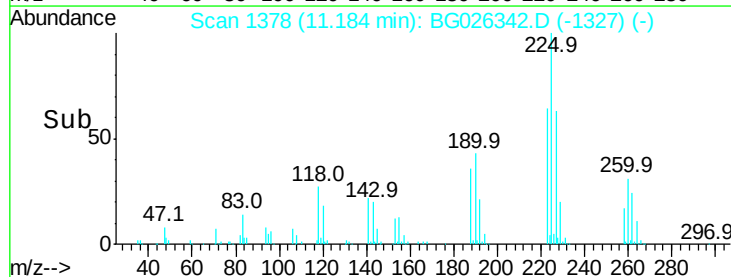
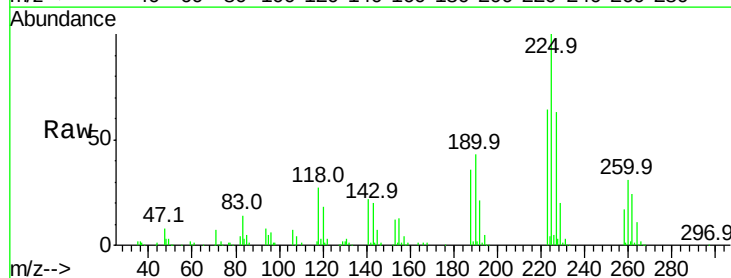
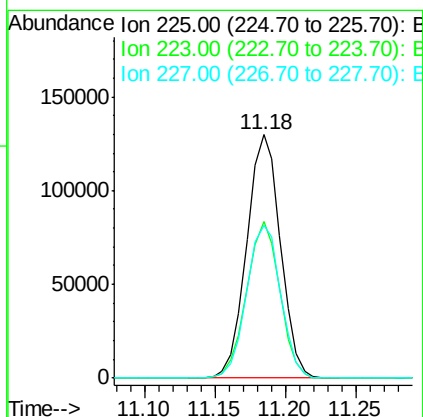
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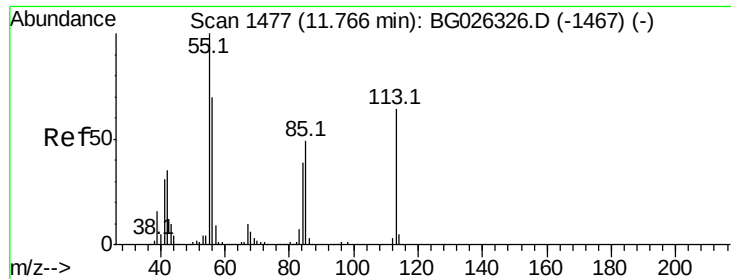
mohammad
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#34
Hexachlorobutadiene
Concen: 45.16 ng
RT: 11.18 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.2	50.7	76.1		
227	62.8	49.0	73.6		





#35

Caprolactam

Concen: 53.30 ng/ml

RT: 11.77 min Scan# 1477

Delta R.T. -0.00 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

Instrument :

BNA_G

ClientSampleId :

PB97674BS

Tot Ion:113 Resp: 152327

Ion Ratio Lower Upper

113 100

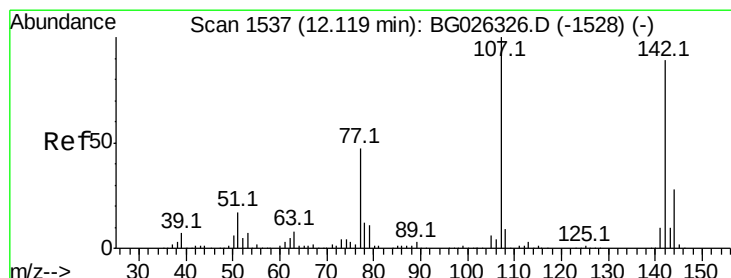
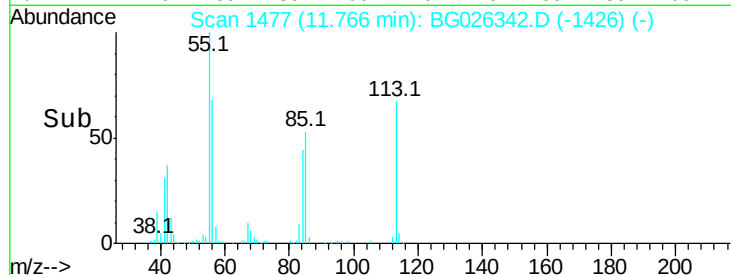
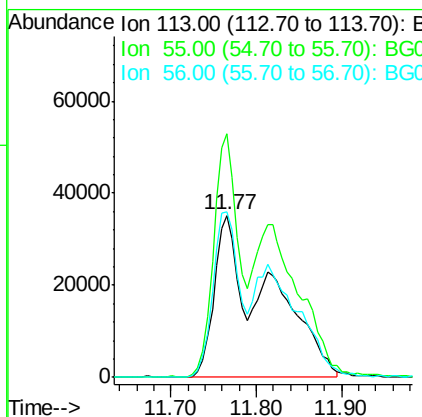
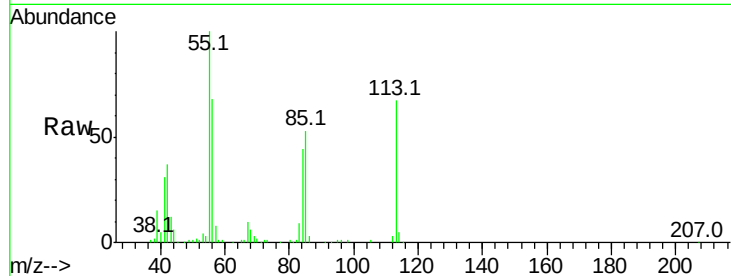
55 150.1 198.6 238.6#

56 101.7 140.4 180.4#

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 53.65 ng/ml

RT: 12.12 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

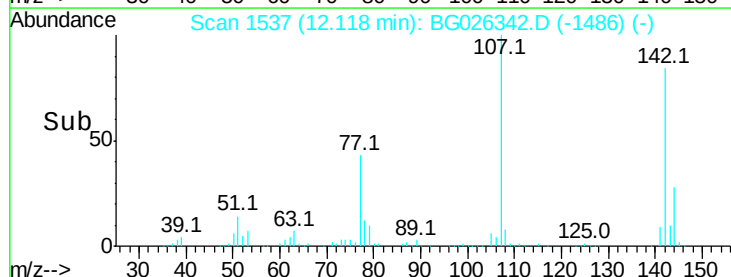
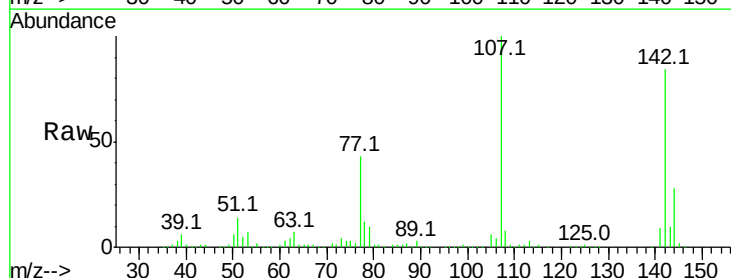
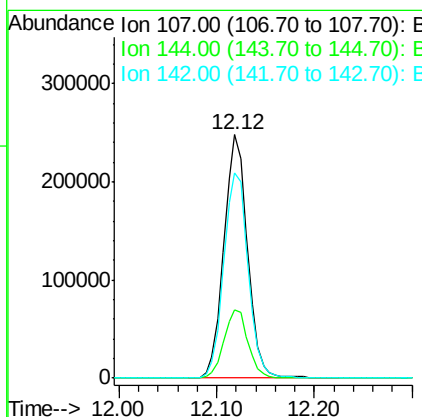
Tgt Ion:107 Resp: 416220

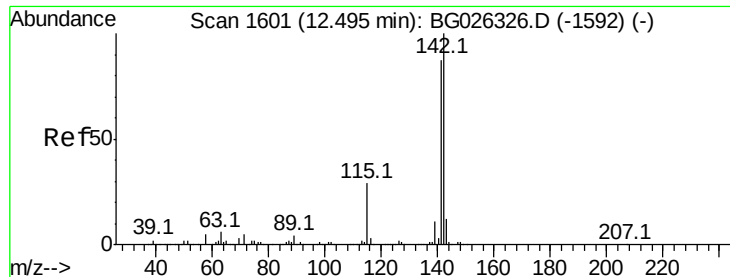
Ion Ratio Lower Upper

107 100

144 28.2 17.4 26.0#

142 84.2 54.1 81.1#





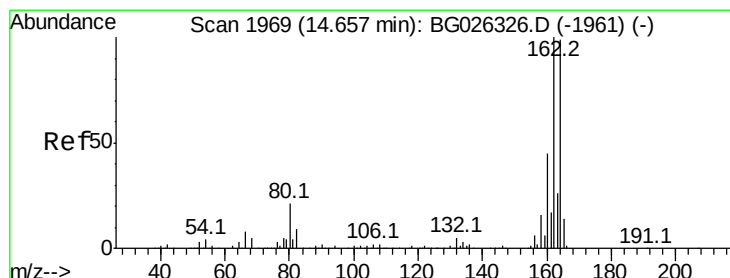
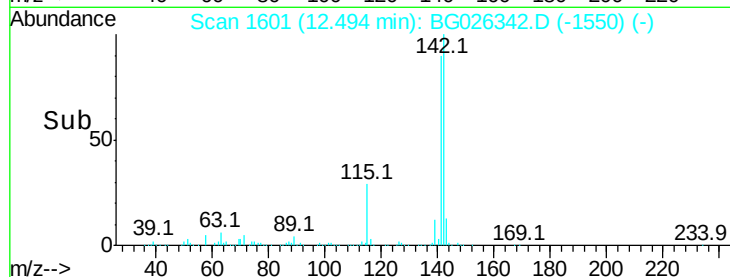
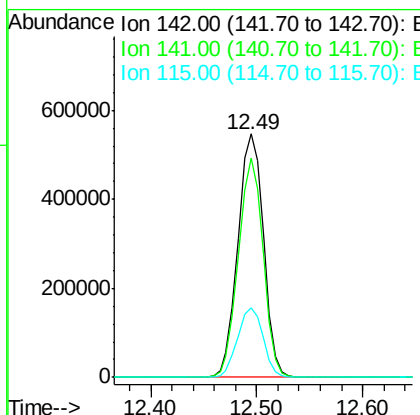
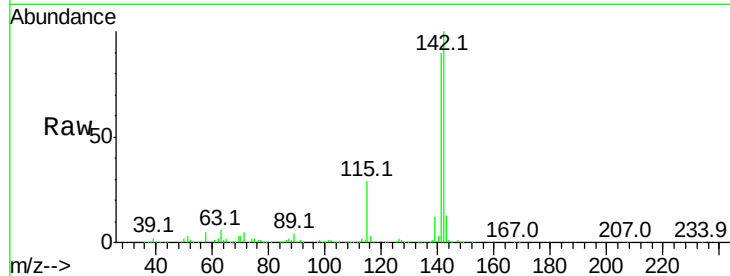
#37
2-Methylnaphthalene
Concen: 48.10 ng
RT: 12.49 min Scan# 1601
Delta R.T. -0.00 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

Instrument :
BNA_G
ClientSampleId :
PB97674BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	910909		
141	90.1	70.4	105.6	
115	28.8	35.5	53.3	

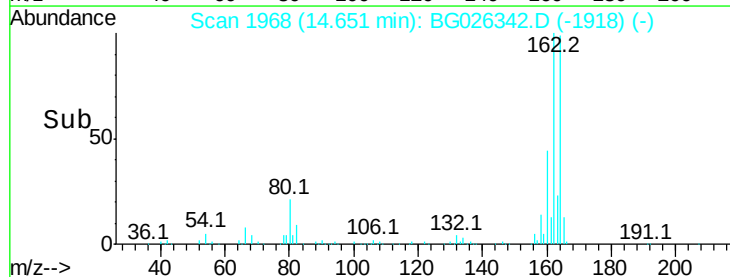
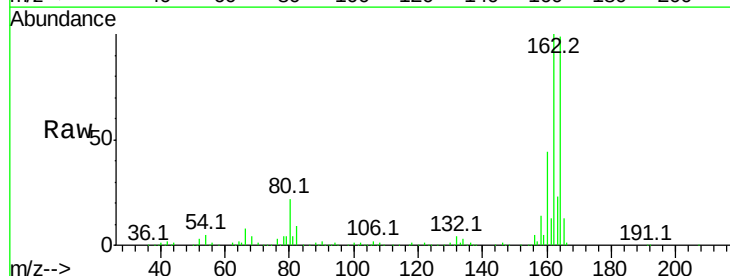
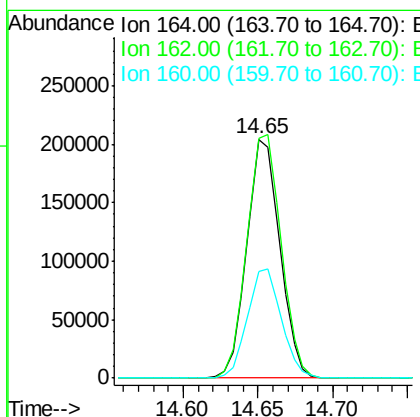
Manual Integrations
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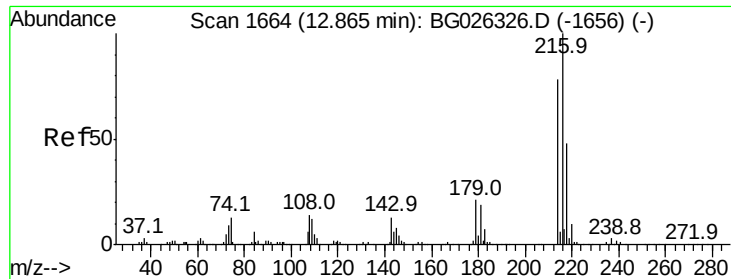
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	311684		
162	100.6	85.1	127.7	
160	44.6	34.7	52.1	





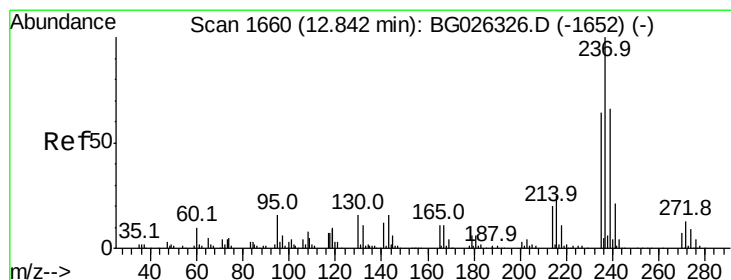
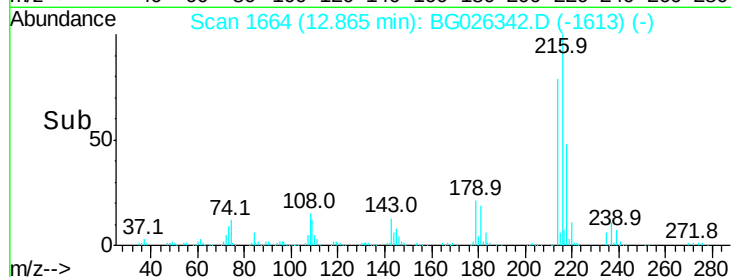
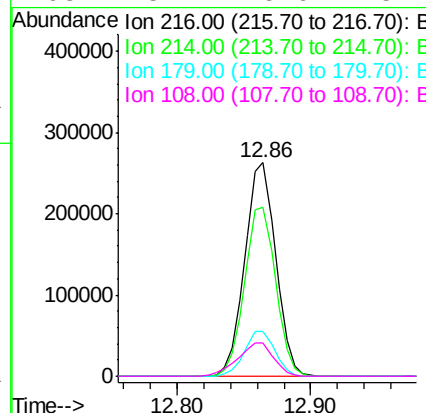
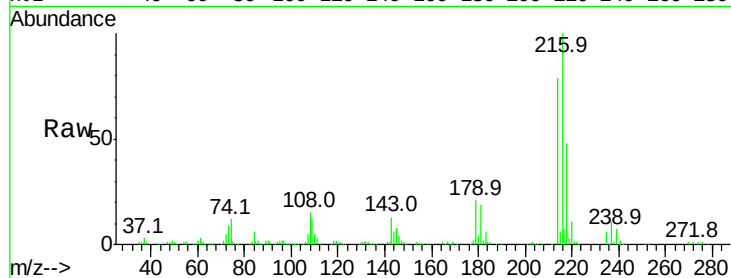
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.73 ng
 RT: 12.86 min Scan# 1664
 Delta R.T. -0.00 min
 Lab File: BG026342.D
 Acq: 21 Mar 2017 1:00

Instrument :
 BNA_G
 ClientSampleId :
 PB97674BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	419490		
214	79.7	64.4	96.6	
179	21.0	17.4	26.0	
108	18.2	15.6	23.4	

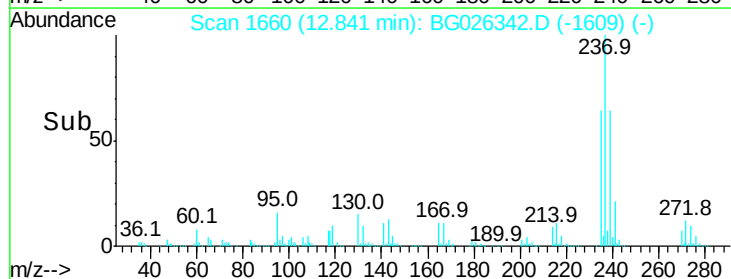
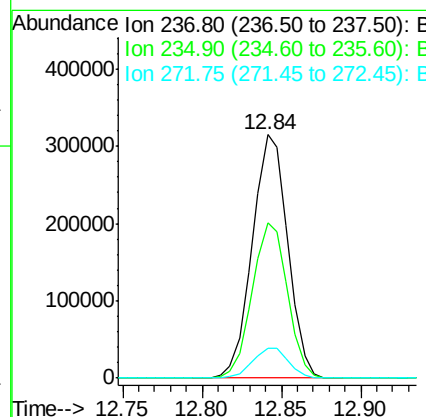
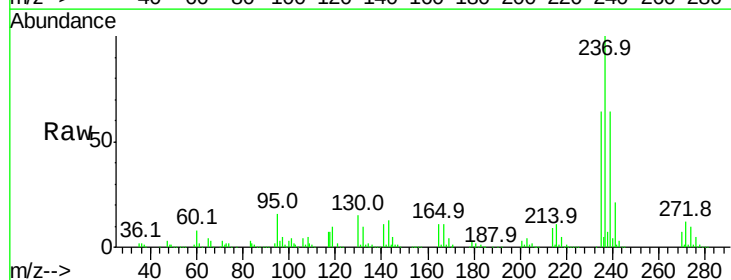
Manual Integrations
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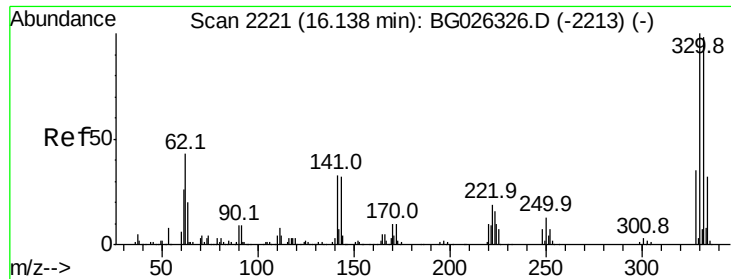
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#40
 Hexachlorocyclopentadiene
 Concen: 99.14 ng
 RT: 12.84 min Scan# 1660
 Delta R.T. -0.00 min
 Lab File: BG026342.D
 Acq: 21 Mar 2017 1:00

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	489359		
235	63.7	39.4	79.4	
272	12.4	0.0	32.0	





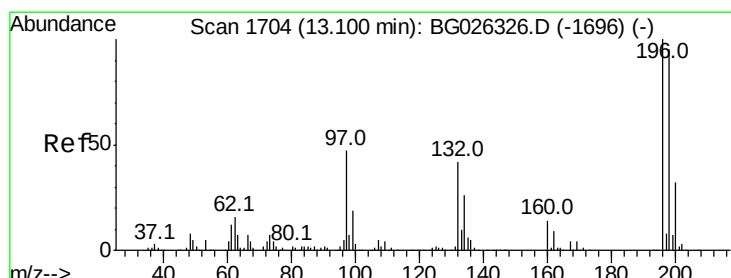
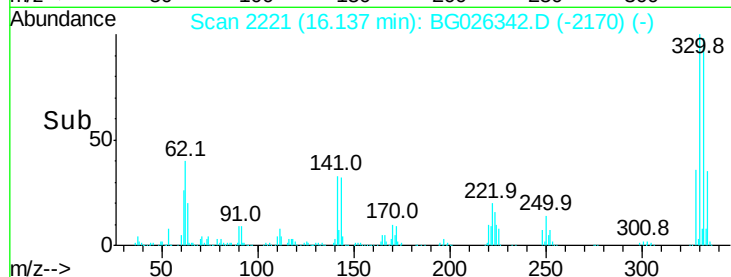
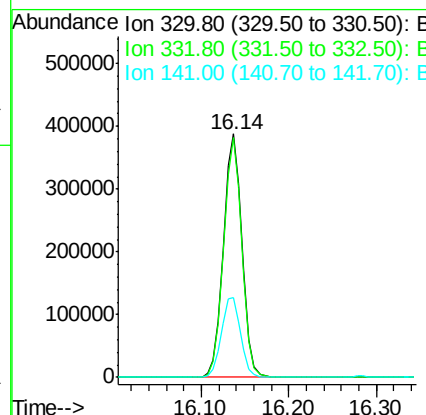
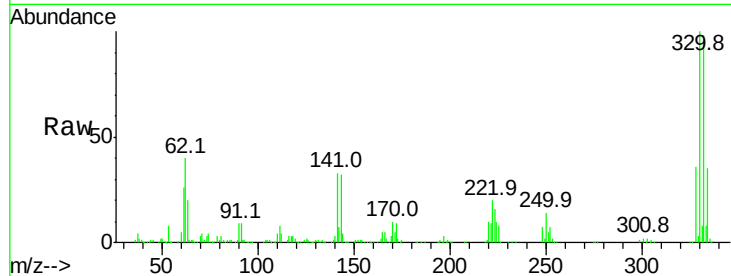
#41
 2,4,6-Tribromophenol
 Concen: 160.40 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.00 min
 Lab File: BG026342.D
 Acq: 21 Mar 2017 1:00

Instrument :
 BNA_G
 ClientSampleId :
 PB97674BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	572511		
332	96.9	77.3	115.9	
141	34.0	32.1	48.1	

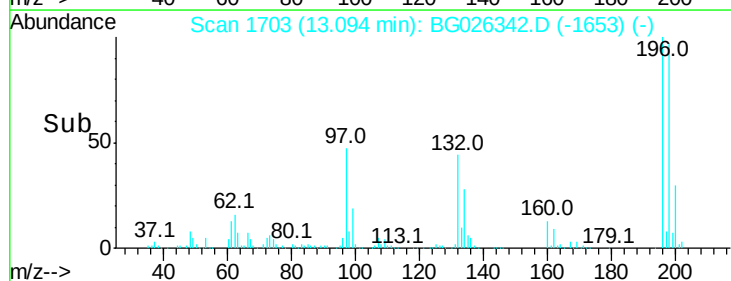
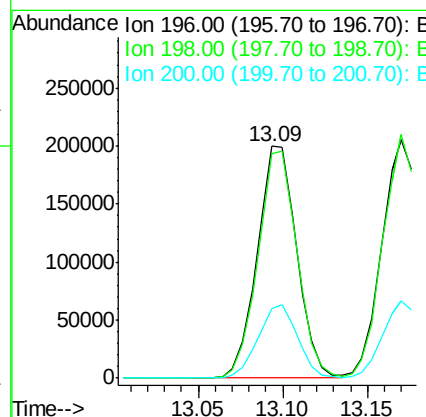
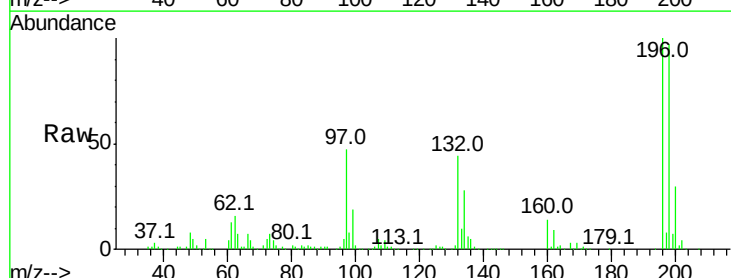
Manual Integrations
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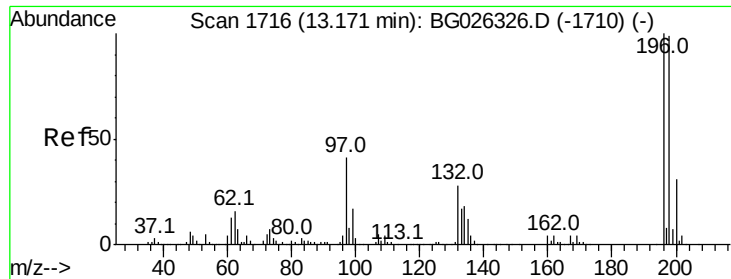
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 52.89 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG026342.D
 Acq: 21 Mar 2017 1:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	324757		
198	96.8	81.4	122.2	
200	30.2	27.0	40.6	





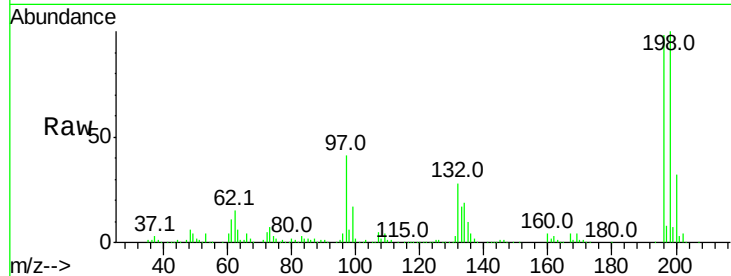
#43
2,4,5-Trichlorophenol
Concen: 50.18 ng
RT: 13.17 min Scan# 1716
Delta R.T. -0.00 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

Instrument :
BNA_G
ClientSampleId :
PB97674BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	102.3	79.9	119.9	
97	41.7	45.4	68.0	
132	28.8	20.7	31.1	

Manual Integrations
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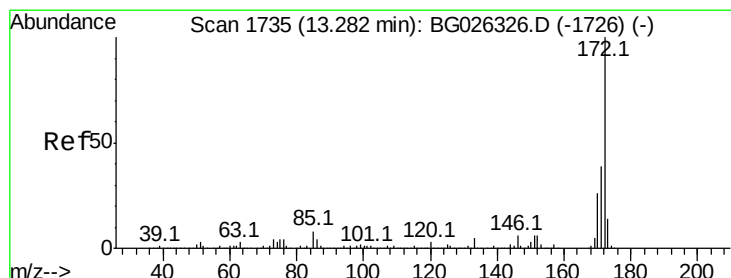
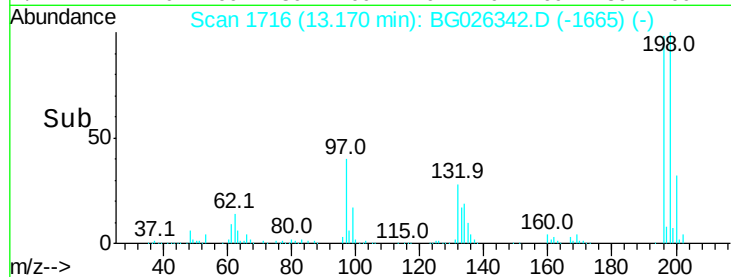
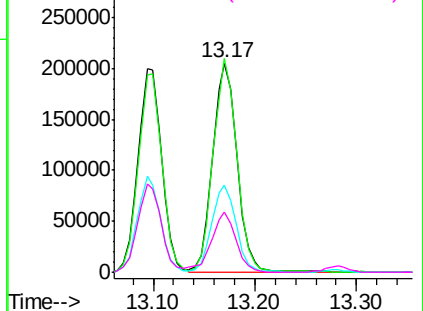
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BG

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 87.65 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

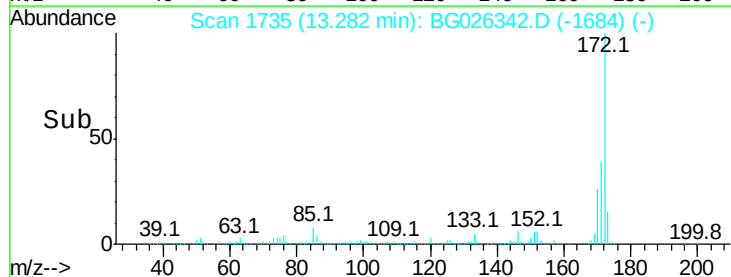
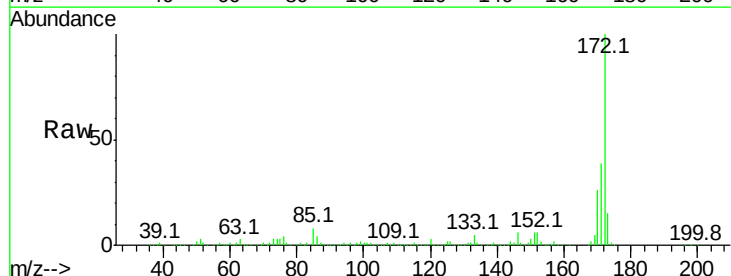
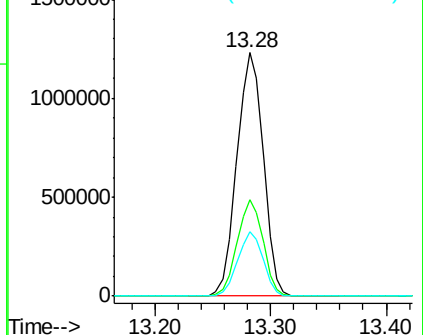
Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	39.5	32.2	48.2	
170	26.3	21.8	32.6	

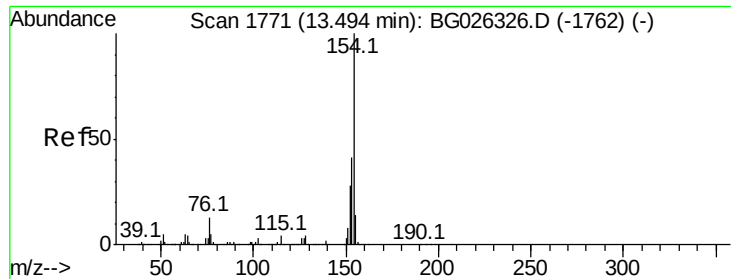
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





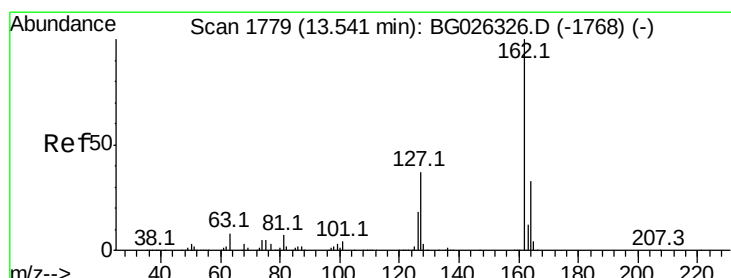
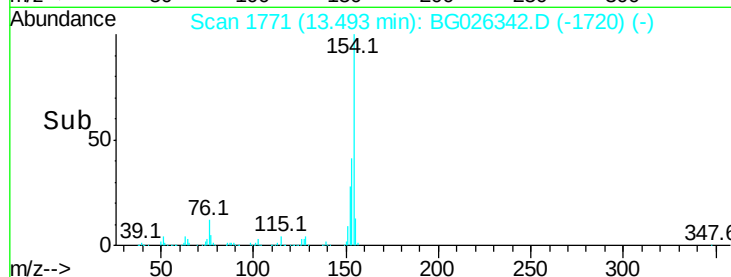
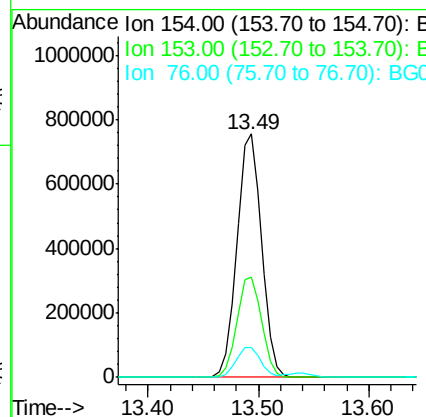
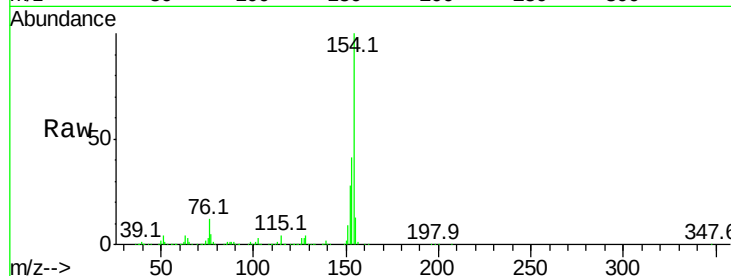
#45
 1,1'-Biphenyl
 Concen: 45.67 ng
 RT: 13.49 min Scan# 1771
 Delta R.T. -0.00 min
 Lab File: BG026342.D
 Acq: 21 Mar 2017 1:00

Instrument :
 BNA_G
 ClientSampleId :
 PB97674BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	23.0	63.0
76	12.4	0.0	33.5

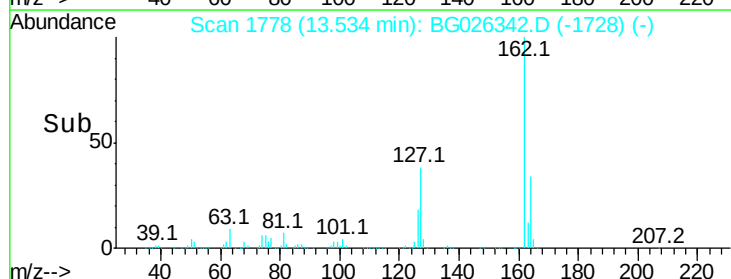
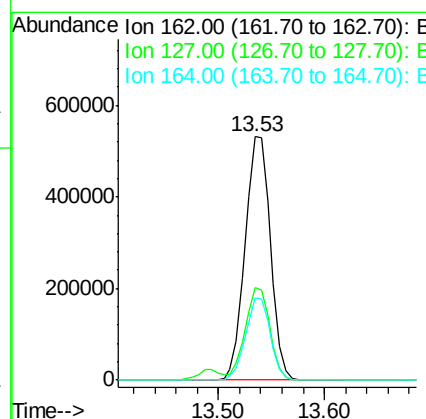
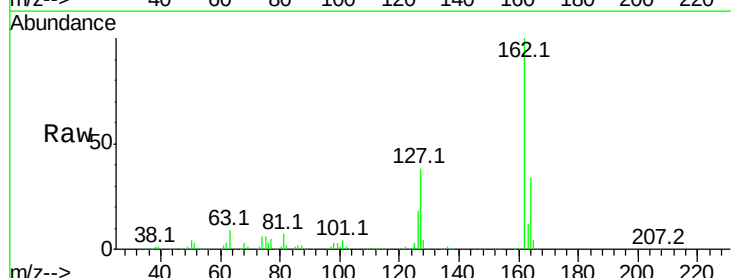
Manual Integrations
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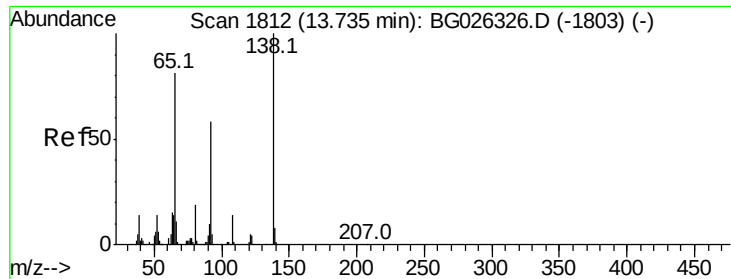
mohammad
 3/21/2017 5:22:42 PM



#46
 2-Chloronaphthalene
 Concen: 46.77 ng
 RT: 13.53 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG026342.D
 Acq: 21 Mar 2017 1:00

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.0	32.2	48.4
164	33.7	27.3	40.9





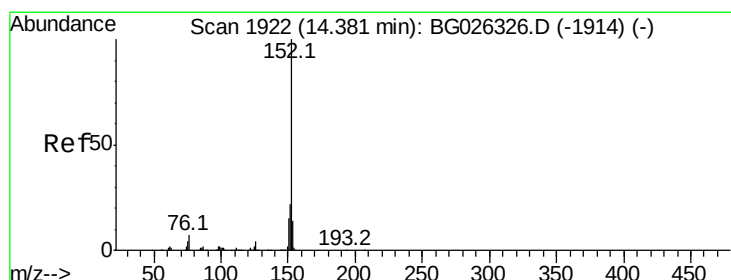
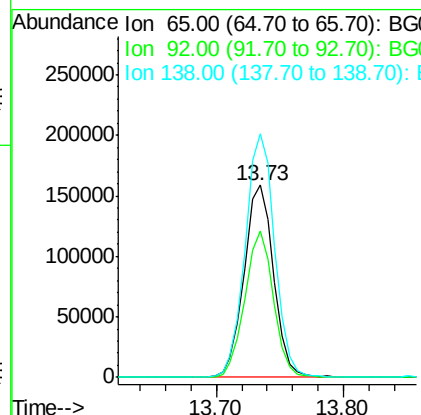
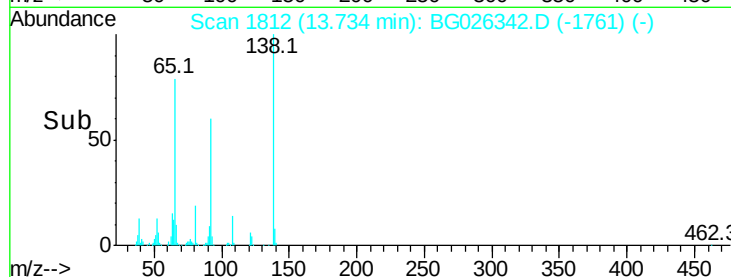
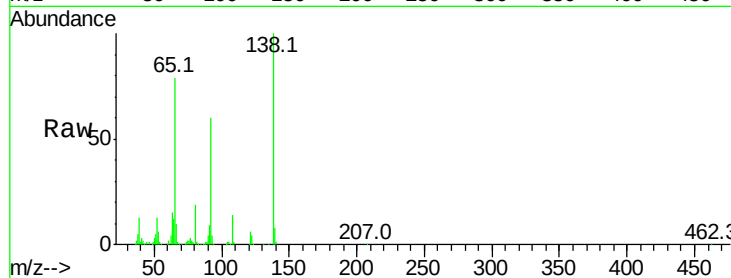
#47
2-Nitroaniline
Concen: 47.88 ng
RT: 13.73 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

Instrument :
BNA_G
ClientSampleId :
PB97674BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	76.0	49.0	73.4#
138	126.8	58.6	87.8#

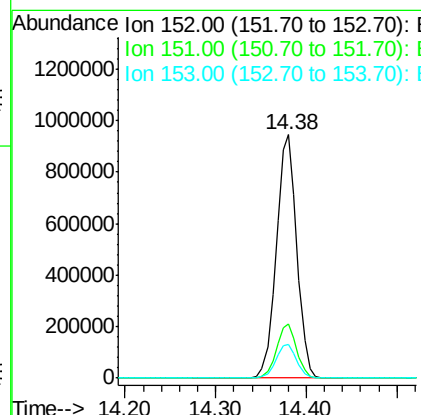
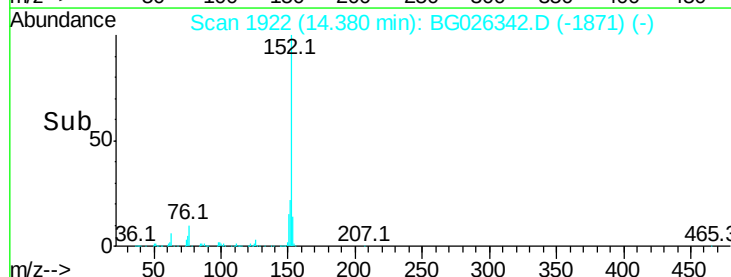
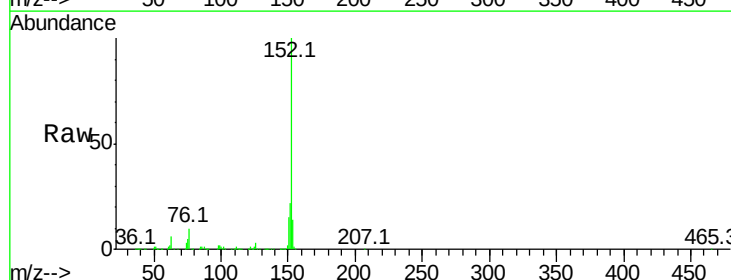
Manual Integrations
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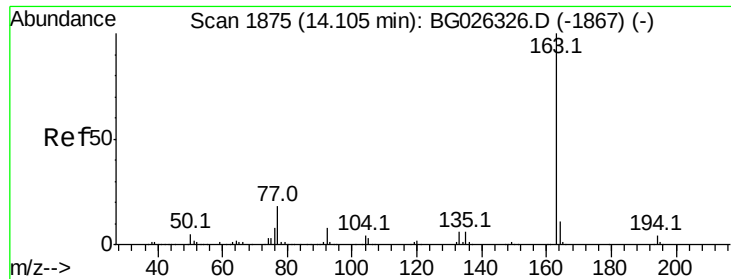
mohammad
3/21/2017 5:22:42 PM



#48
Acenaphthylene
Concen: 45.47 ng
RT: 14.38 min Scan# 1922
Delta R.T. -0.00 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.2	18.2	27.2
153	14.0	11.3	16.9





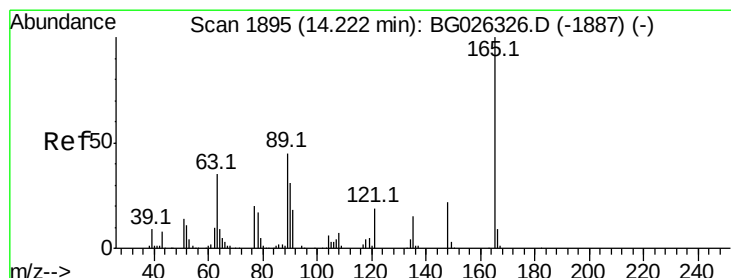
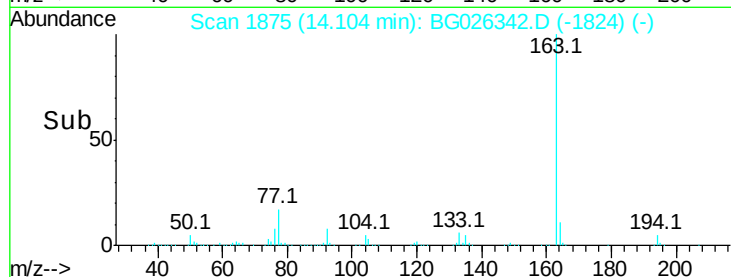
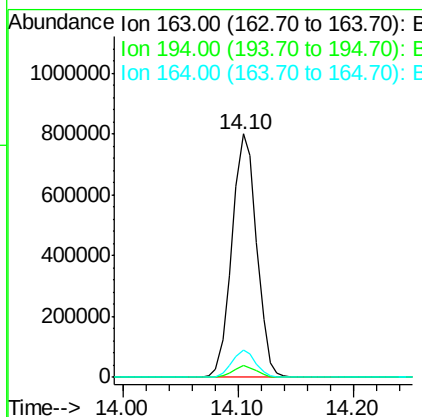
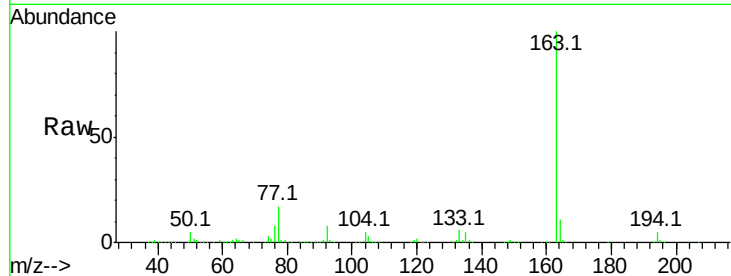
#49
Dimethylphthalate
Concen: 50.15 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.00 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

Instrument :
BNA_G
ClientSampled :
PB97674BS

Tot Ion:163 Resp: 1179689
Ion Ratio Lower Upper
163 100
194 4.7 3.8 5.6
164 11.1 9.3 13.9

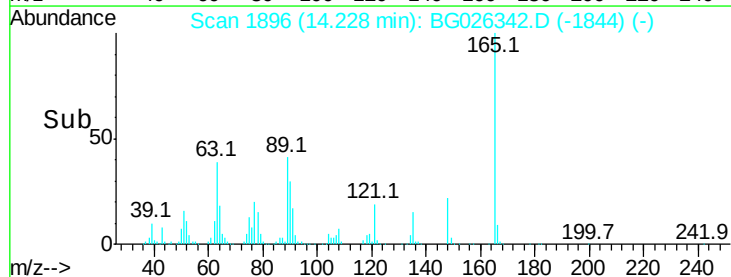
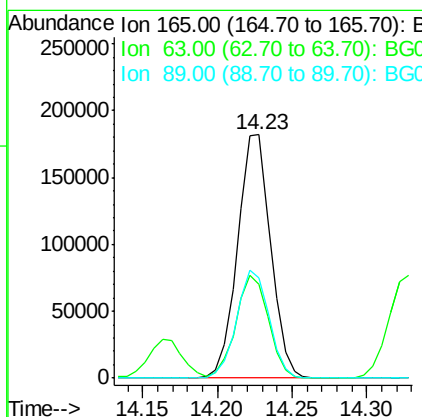
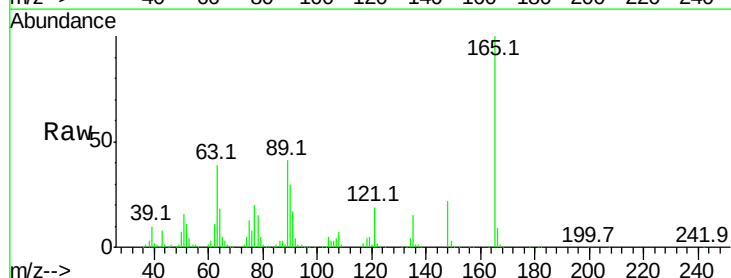
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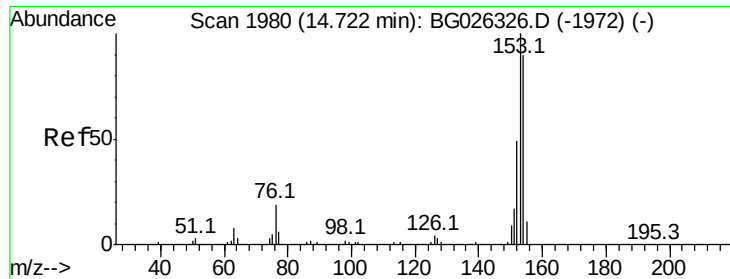
mohammad
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#50
2,6-Dinitrotoluene
Concen: 50.90 ng
RT: 14.23 min Scan# 1896
Delta R.T. 0.01 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

Tgt Ion:165 Resp: 279469
Ion Ratio Lower Upper
165 100
63 38.7 63.9 95.9#
89 41.2 58.6 88.0#





#51

Acenaphthene

Concen: 46.46 ng

RT: 14.72 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

Instrument :

BNA_G

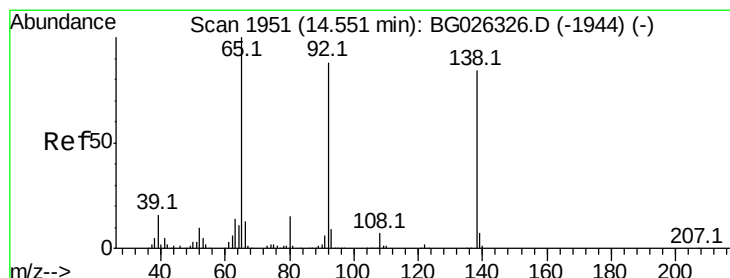
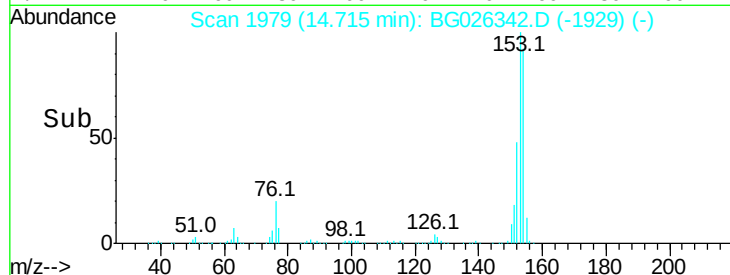
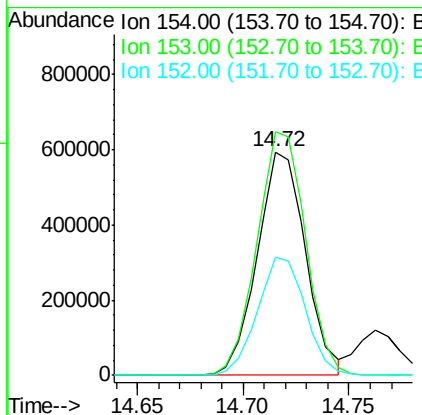
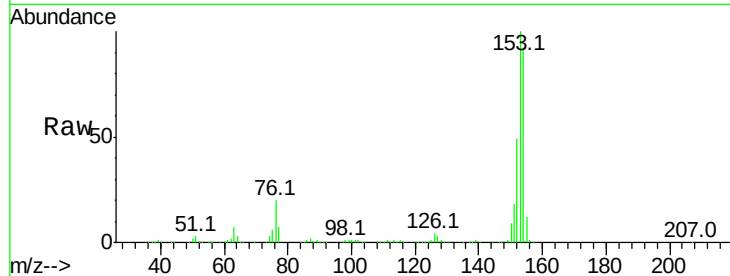
ClientSampleId :

PB97674BS

Tot Ion:	154	Resp:	940197
Ion Ratio	Lower	Upper	
154	100		
153	109.1	87.8	131.6
152	52.9	42.2	63.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 18.27 ng

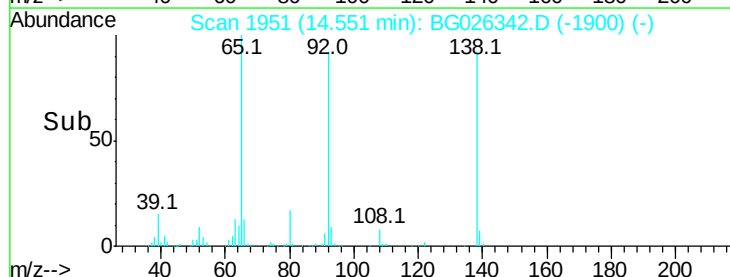
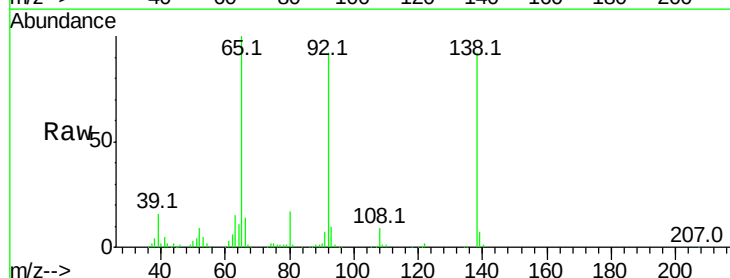
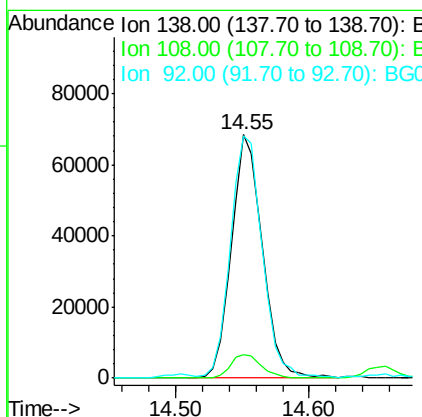
RT: 14.55 min Scan# 1951

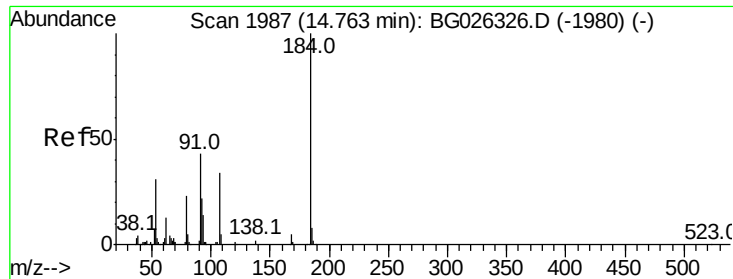
Delta R.T. -0.00 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

Tgt Ion:	138	Resp:	110443
Ion Ratio	Lower	Upper	
138	100		
108	9.5	10.9	16.3#
92	99.6	115.3	172.9#





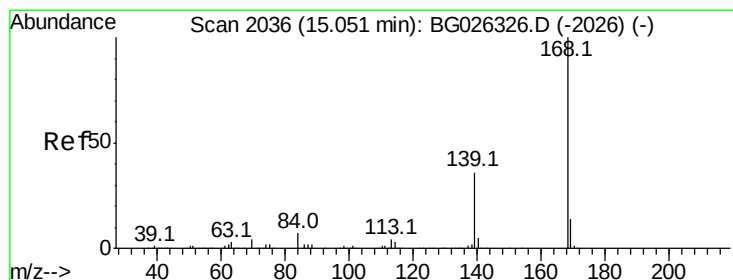
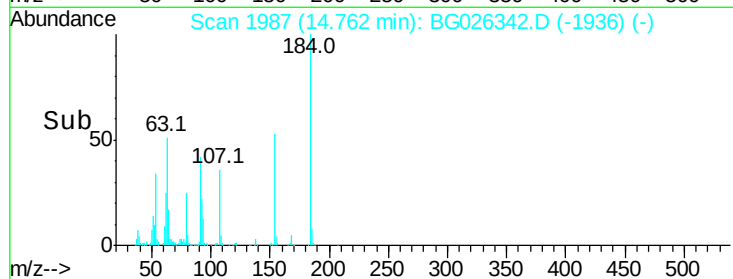
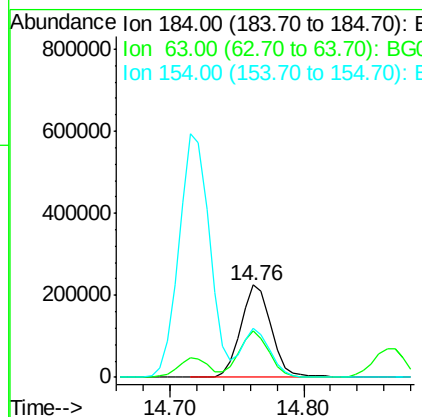
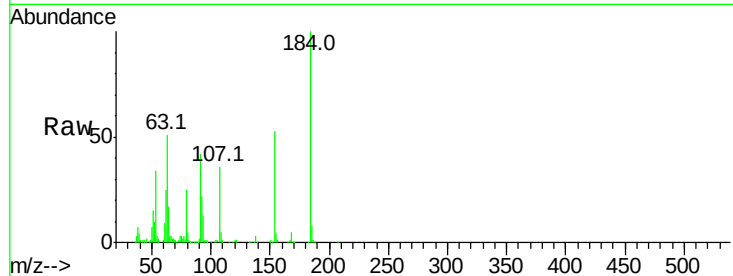
#53
 2,4-Dinitrophenol
 Concen: 110.74 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BG026342.D
 Acq: 21 Mar 2017 1:00

Instrument :
 BNA_G
 ClientSampleId :
 PB97674BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	50.5	52.7	79.1#
154	52.9	57.3	85.9#

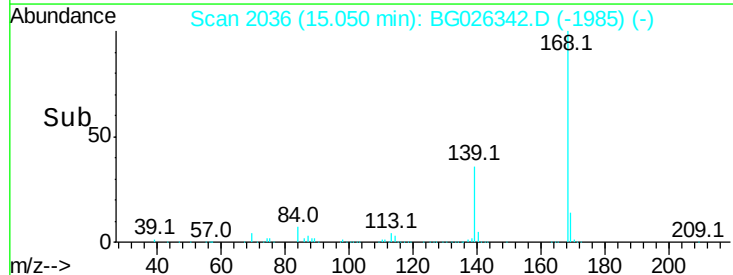
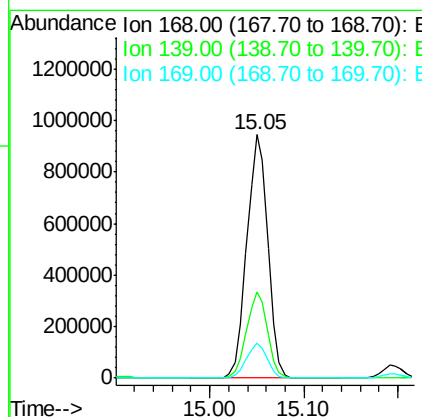
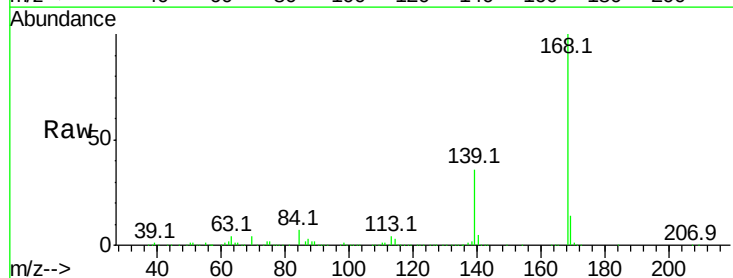
Manual Integrations
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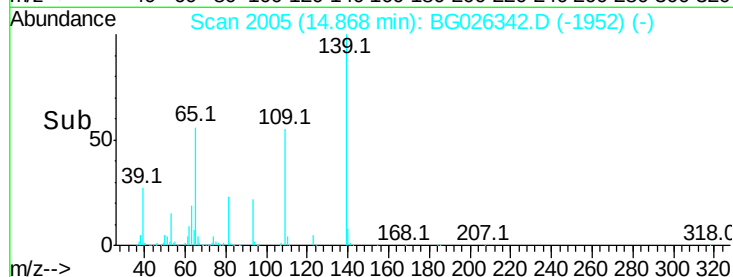
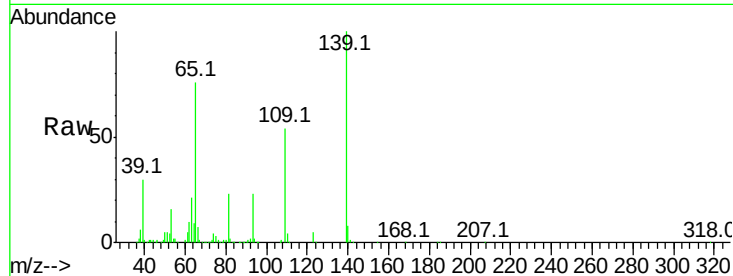
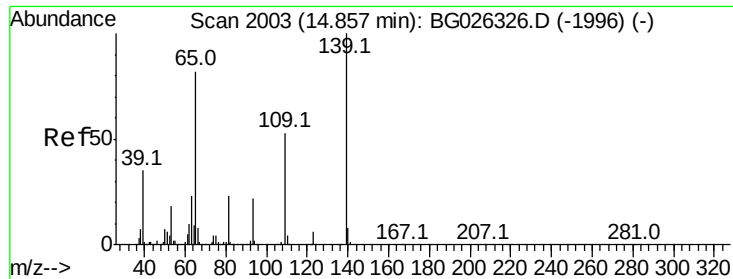
mohammad
 3/21/2017 5:22:42 PM



#54
 Dibenzofuran
 Concen: 50.93 ng
 RT: 15.05 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: BG026342.D
 Acq: 21 Mar 2017 1:00

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.6	35.3	52.9
169	14.2	11.5	17.3





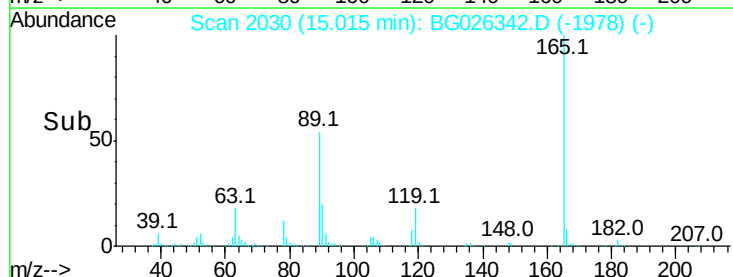
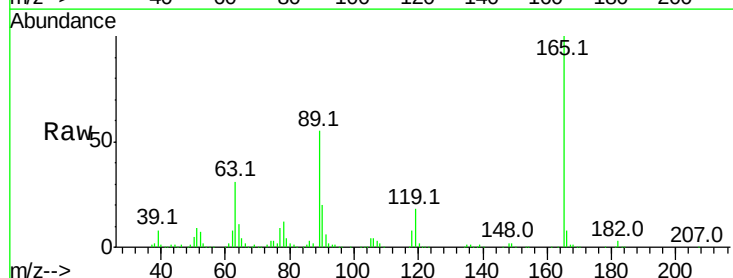
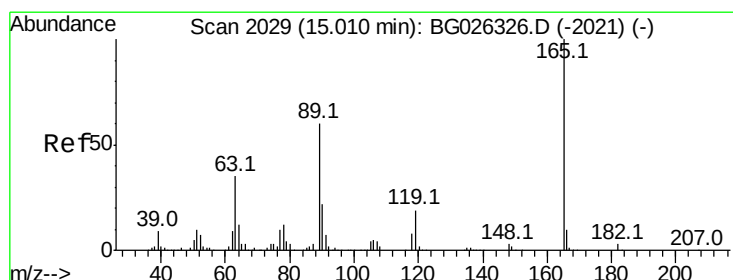
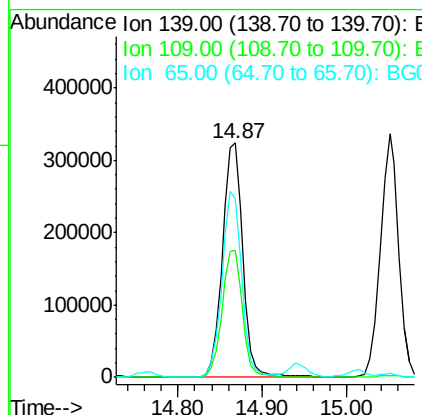
#55
4-Nitrophenol
Concen: 110.10 ng
RT: 14.87 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

Instrument :
BNA_G
ClientSampled :
PB97674BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	54.5	101.2	141.2#	
65	76.1	135.3	175.3#	

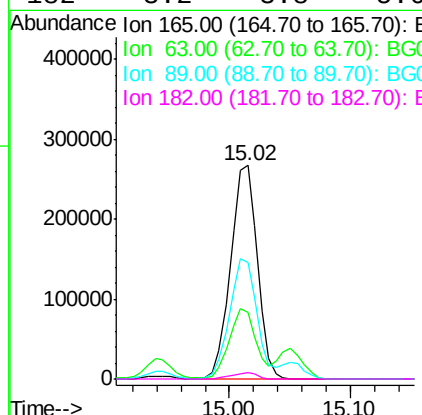
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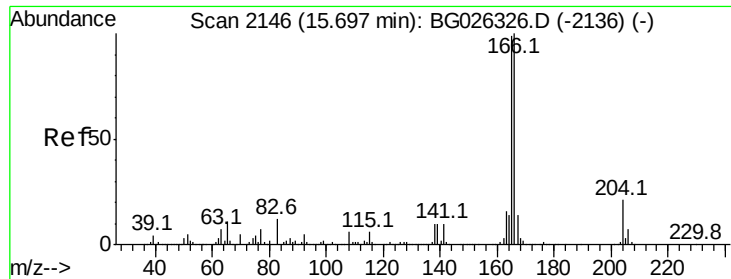
mohammad
3/21/2017 5:22:42 PM



#56
2,4-Dinitrotoluene
Concen: 53.14 ng
RT: 15.02 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	31.3	44.0	66.0#	
89	54.8	67.3	100.9#	
182	3.2	3.8	5.6#	





#57

Fluorene

Concen: 47.45 ng

RT: 15.70 min Scan# 2146

Delta R.T. -0.00 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

Instrument :

BNA_G

ClientSampled :

PB97674BS

Tot Ion:166 Resp: 1203206

Ion Ratio Lower Upper

166 100

165 99.0 78.6 117.8

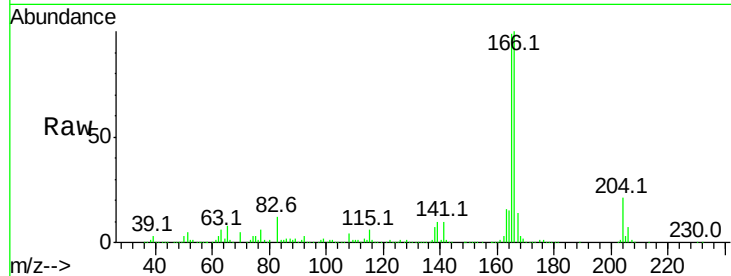
167 14.3 11.6 17.4

Manual Integrations

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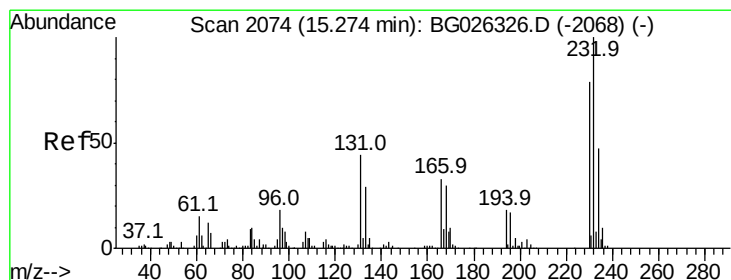
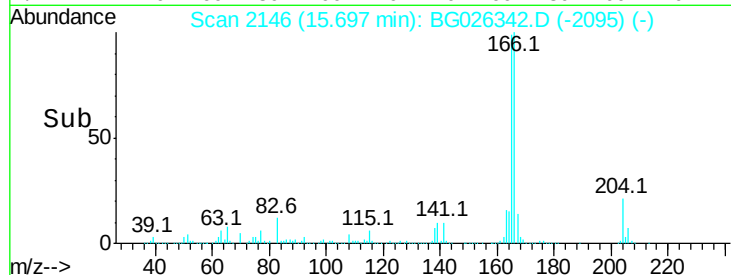
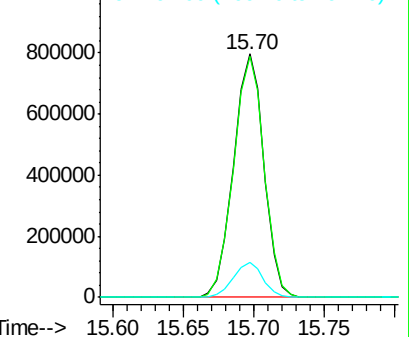
3/21/2017 5:22:42 PM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 56.37 ng

RT: 15.27 min Scan# 2074

Delta R.T. -0.00 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

Tgt Ion:232 Resp: 333682

Ion Ratio Lower Upper

232 100

131 41.0 34.9 52.3

130 2.2 2.3 3.5#

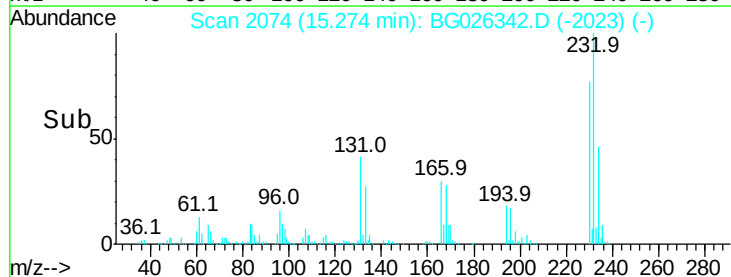
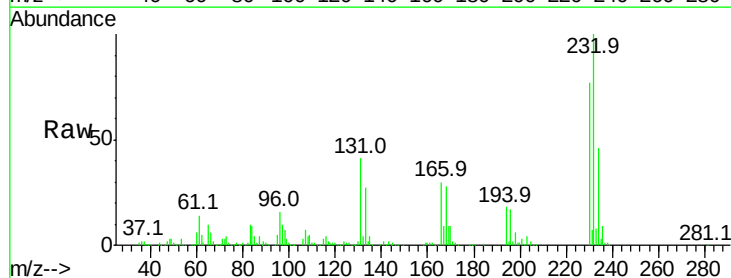
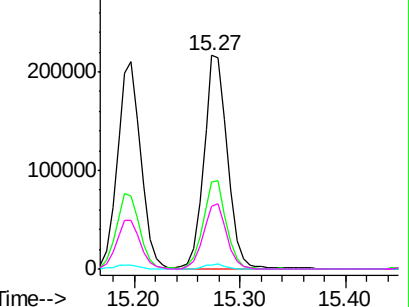
166 30.4 24.2 36.4

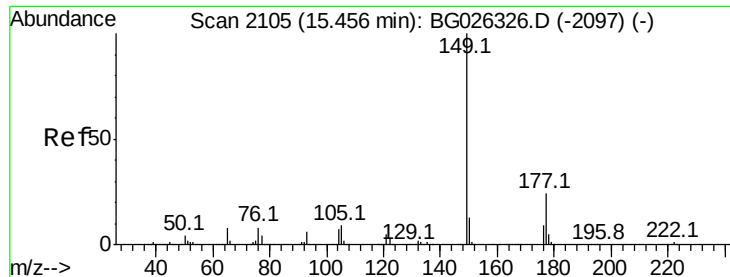
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





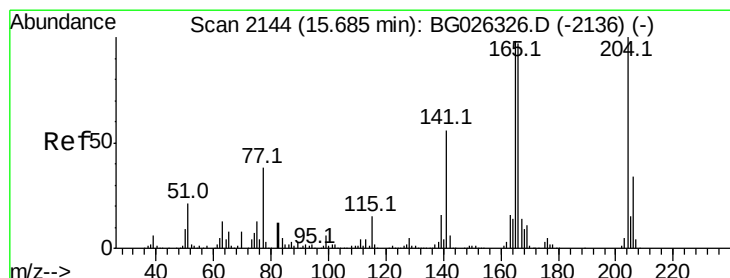
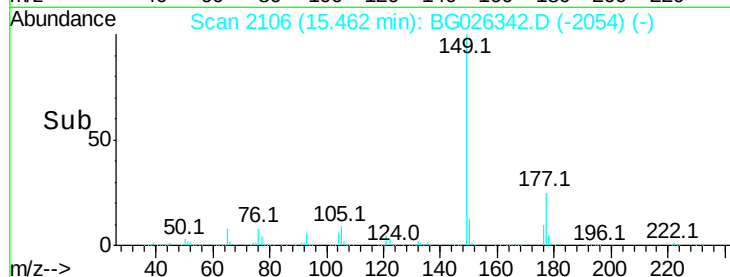
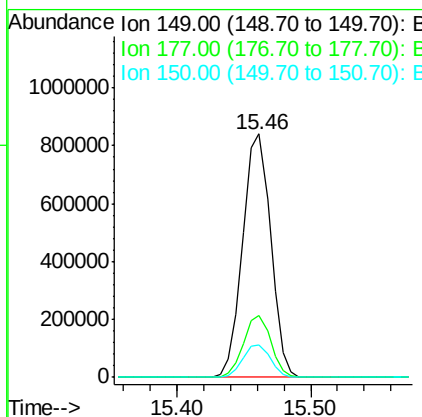
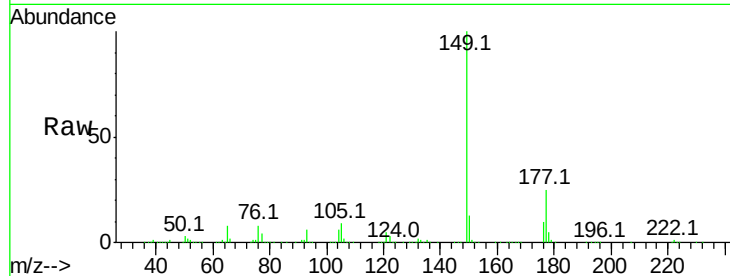
#59
Diethylphthalate
Concen: 50.65 ng
RT: 15.46 min Scan# 2106
Delta R.T. 0.01 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

Instrument :
BNA_G
ClientSampleId :
PB97674BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	25.4	20.1	30.1
150	13.2	10.2	15.2

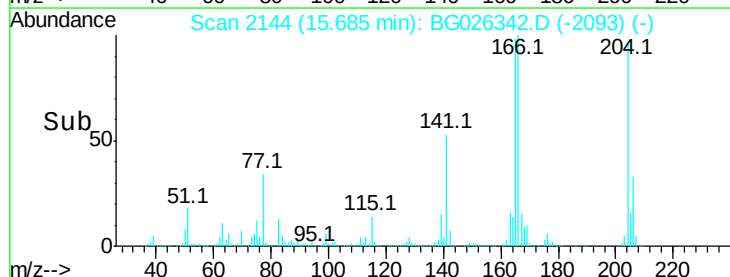
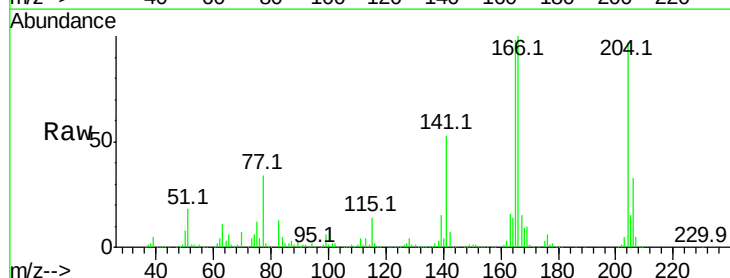
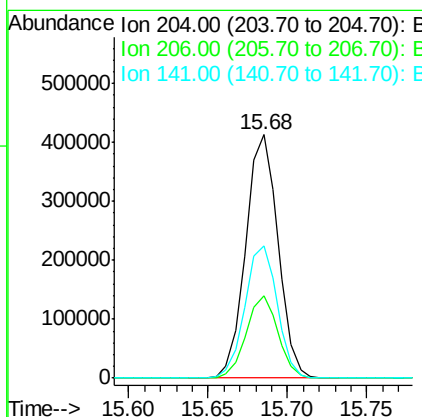
Manual Integrations
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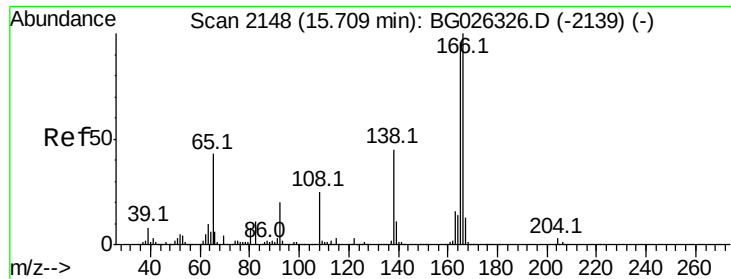
mohammad
3/21/2017 5:22:42 PM



#60
4-Chlorophenyl-phenylether
Concen: 48.73 ng
RT: 15.68 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.7	30.1	45.1
141	54.5	50.6	76.0





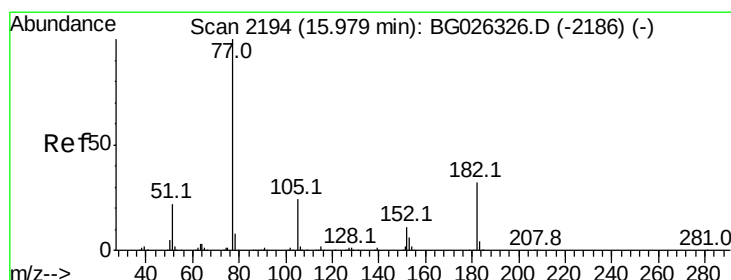
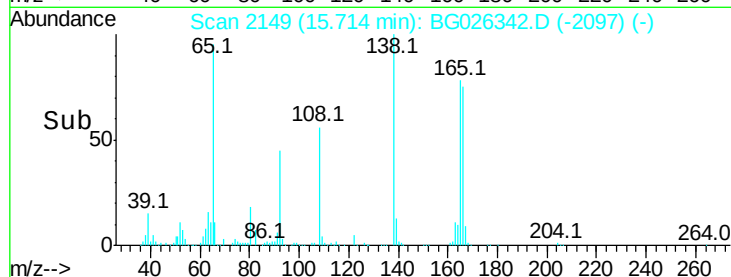
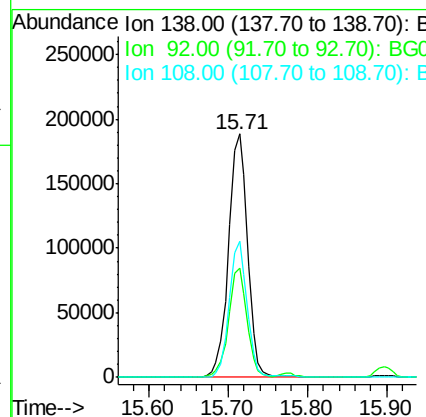
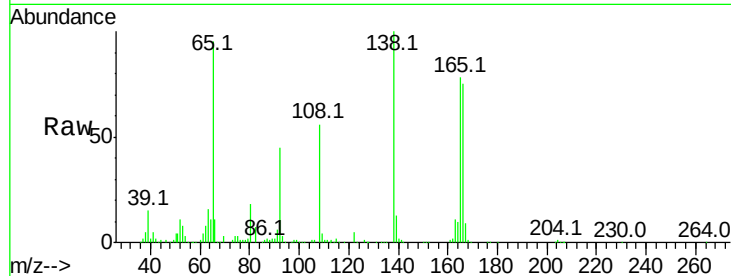
#61
4-Nitroaniline
Concen: 49.28 ng
RT: 15.71 min Scan# 2149
Delta R.T. 0.01 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

Instrument :
BNA_G
ClientSampleId :
PB97674BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	44.6	44.2	84.2
108	55.9	104.8	144.8#

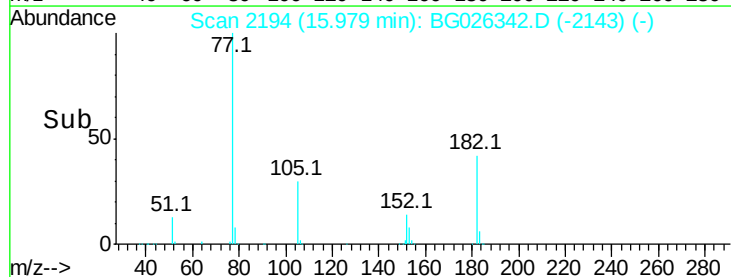
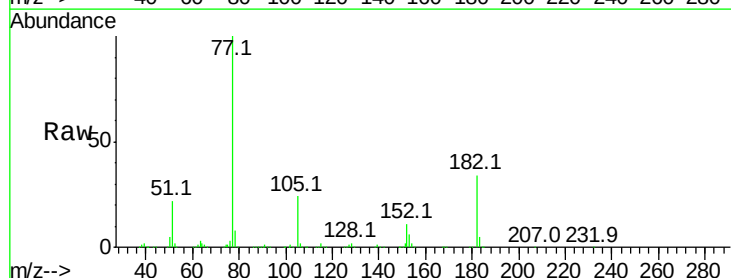
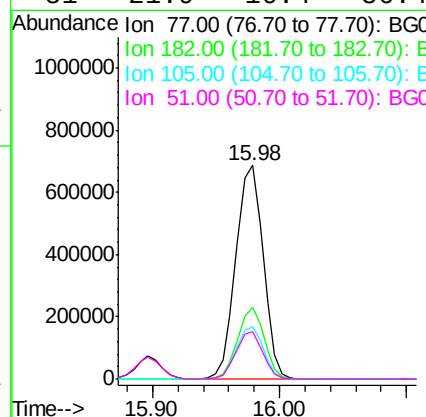
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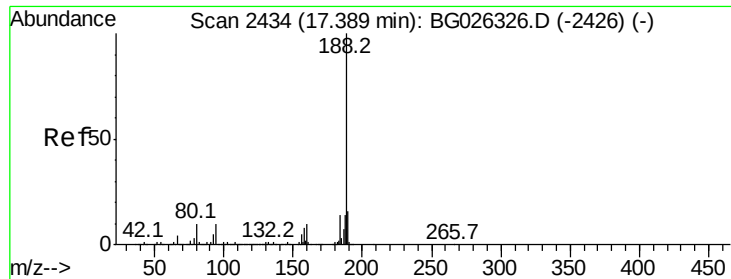
mohammad
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#62
Azobenzene
Concen: 52.07 ng
RT: 15.98 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

Tgt Ion	Ratio	Lower	Upper
77	100		
182	33.6	4.7	44.7
105	24.3	0.0	36.3
51	21.9	16.4	56.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.39 min Scan# 2434

Delta R.T. -0.00 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

Instrument :

BNA_G

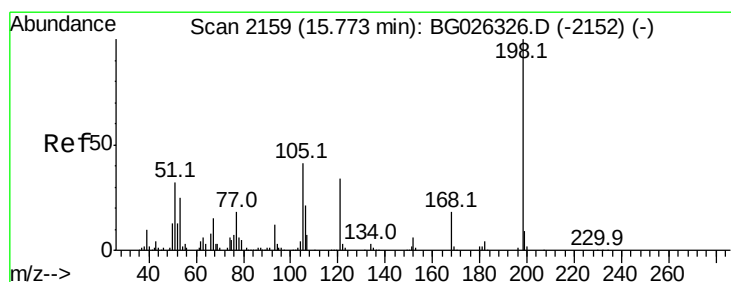
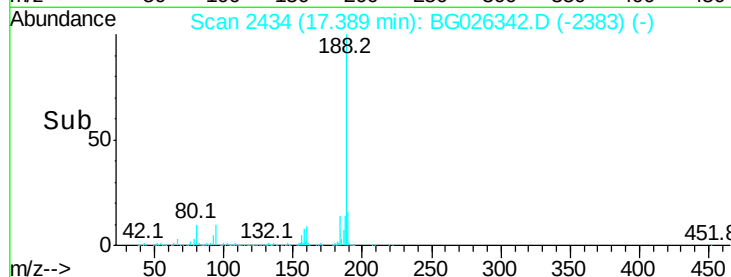
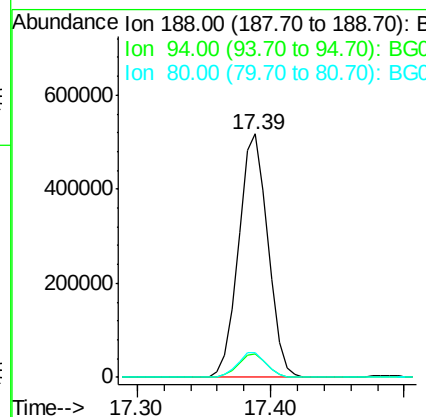
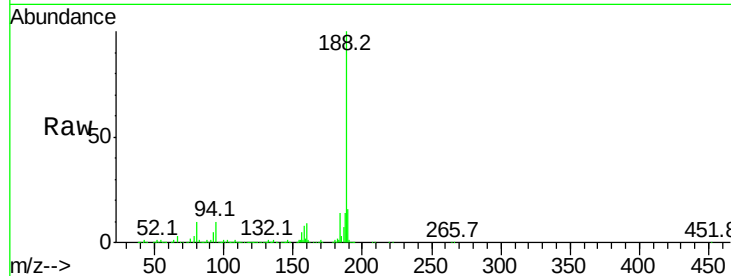
ClientSampleId :

PB97674BS

Tot Ion:	188	Resp:	785207
Ion Ratio	Lower	Upper	
188	100		
94	9.8	5.8	8.8#
80	10.3	7.5	11.3

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#64

4,6-Dinitro-2-methylphenol

Concen: 51.39 ng

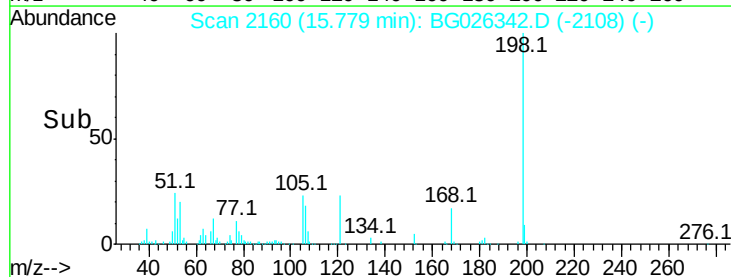
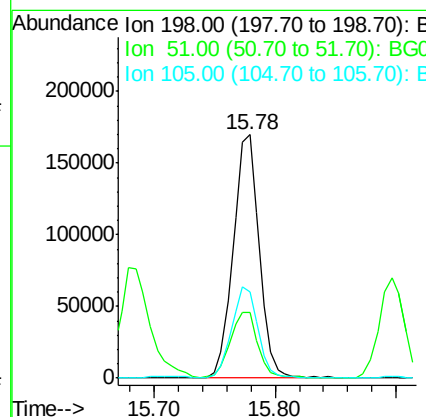
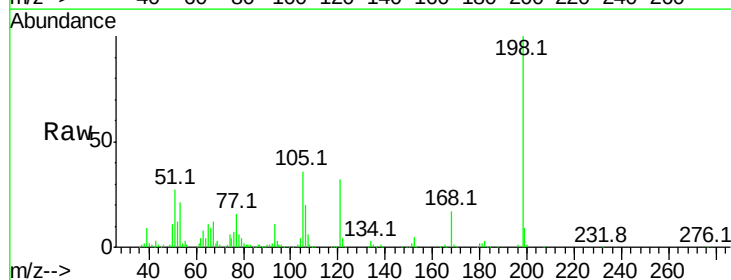
RT: 15.78 min Scan# 2160

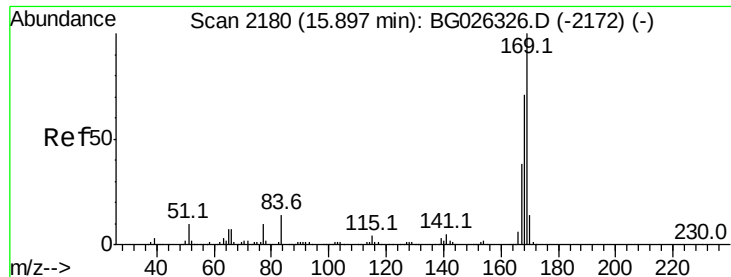
Delta R.T. 0.01 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

Tgt Ion:	198	Resp:	254409
Ion Ratio	Lower	Upper	
198	100		
51	26.7	22.6	62.6
105	35.6	14.4	54.4





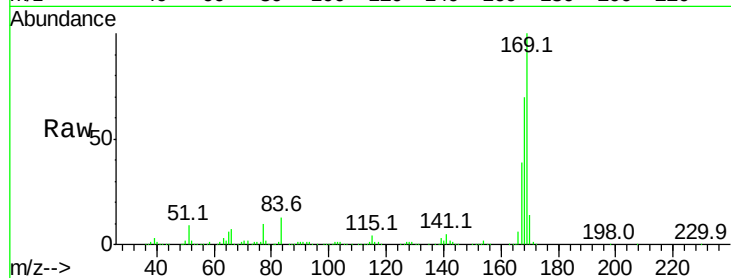
#65
n-Nitrosodiphenylamine
Concen: 46.97 ng
RT: 15.90 min Scan# 2180
Delta R.T. -0.00 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

Instrument :
BNA_G
ClientSampleId :
PB97674BS

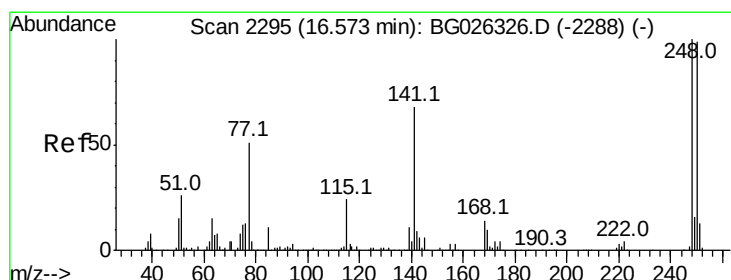
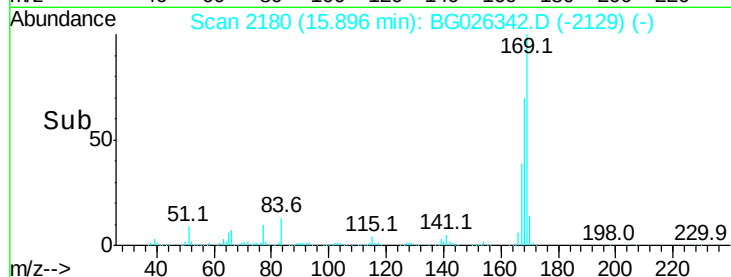
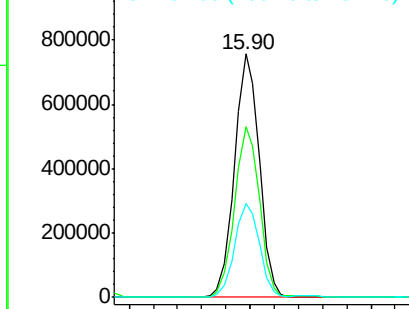
Tot Ion:169 Resp: 1082328
Ion Ratio Lower Upper
169 100
168 70.0 55.7 83.5
167 38.7 29.8 44.6

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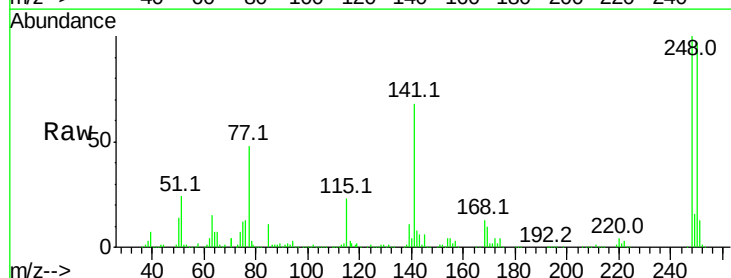


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

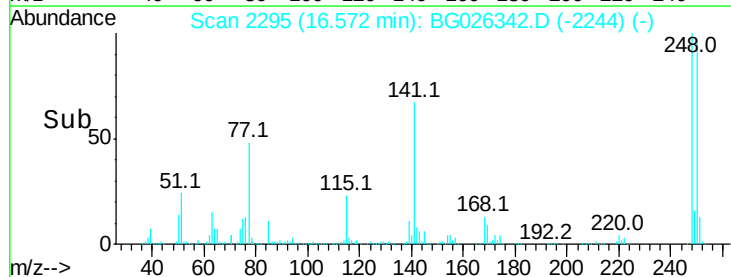
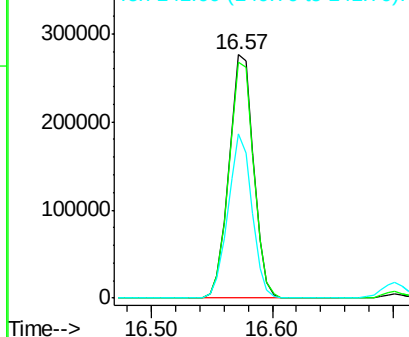


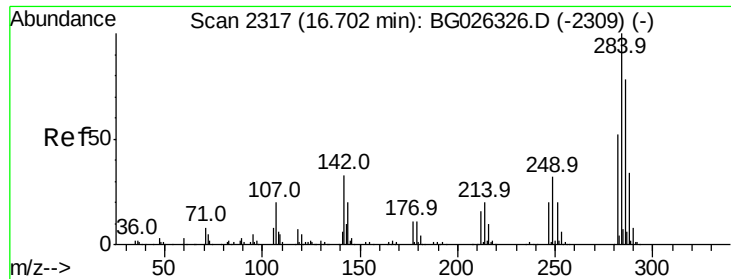
#66
4-Bromophenyl-phenylether
Concen: 48.40 ng
RT: 16.57 min Scan# 2295
Delta R.T. -0.00 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

Tgt Ion:248 Resp: 391180
Ion Ratio Lower Upper
248 100
250 96.9 75.0 112.6
141 67.6 55.2 82.8



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





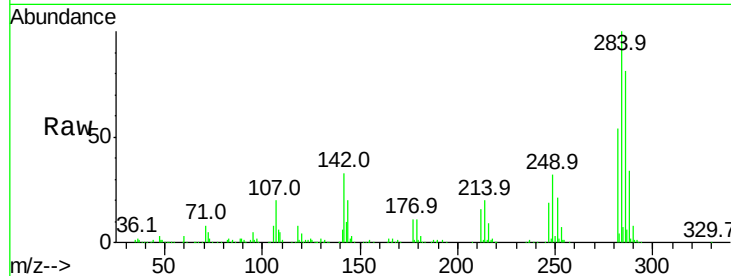
#67
Hexachlorobenzene
Concen: 47.53 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.00 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

Instrument :
BNA_G
ClientSampleId :
PB97674BS

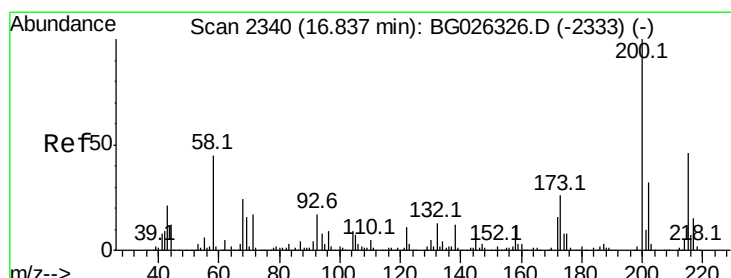
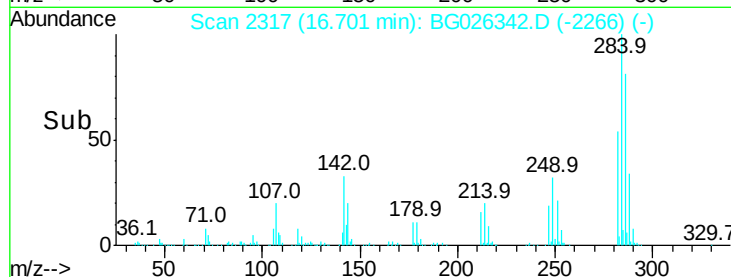
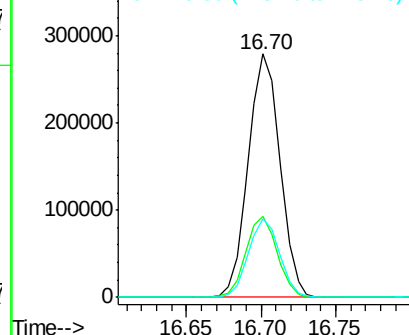
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	33.3	29.9	44.9	
249	32.2	29.2	43.8	

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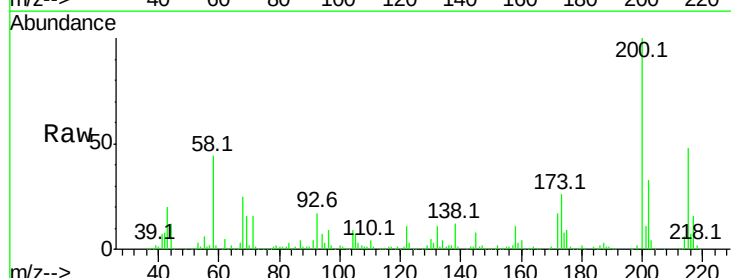


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

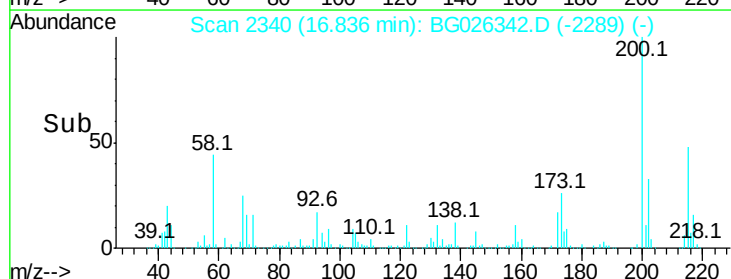
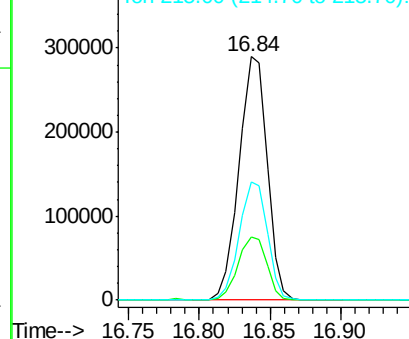


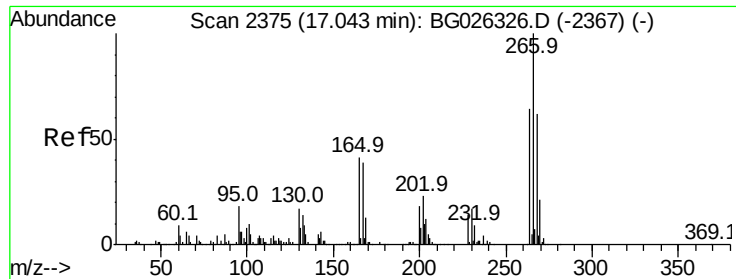
#68
Atrazine
Concen: 46.14 ng
RT: 16.84 min Scan# 2340
Delta R.T. -0.00 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	26.1	3.0	43.0	
215	48.4	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





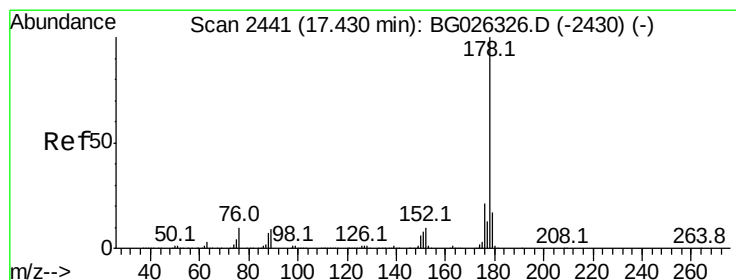
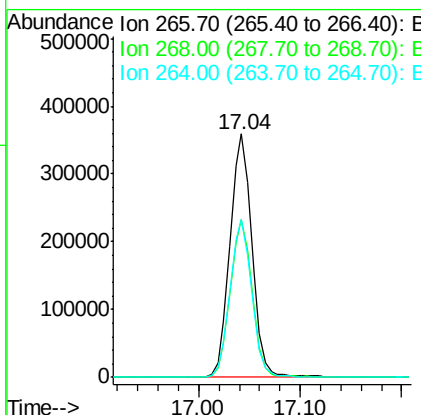
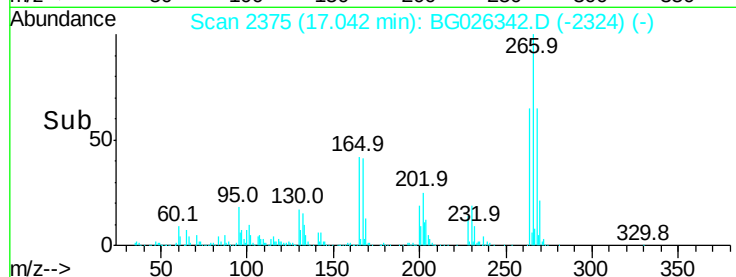
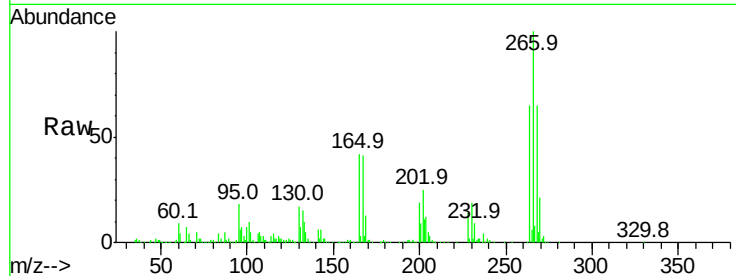
#69
 Pentachlorophenol
 Concen: 96.80 ng
 RT: 17.04 min Scan# 2375
 Delta R.T. -0.00 min
 Lab File: BG026342.D
 Acq: 21 Mar 2017 1:00

Instrument :
 BNA_G
 ClientSampleId :
 PB97674BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	542577		
268	64.9		48.6	72.8
264	64.8		50.1	75.1

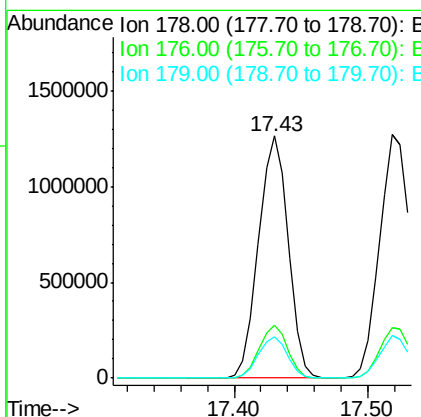
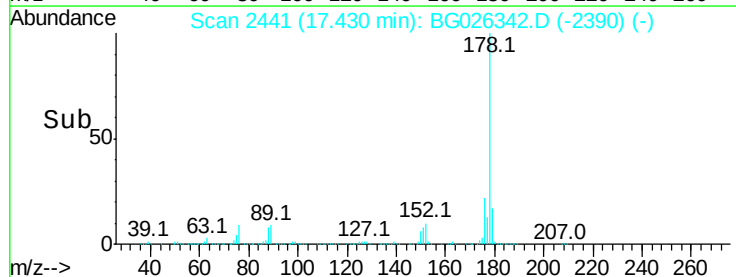
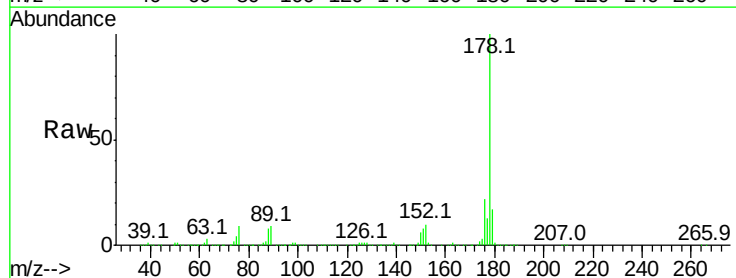
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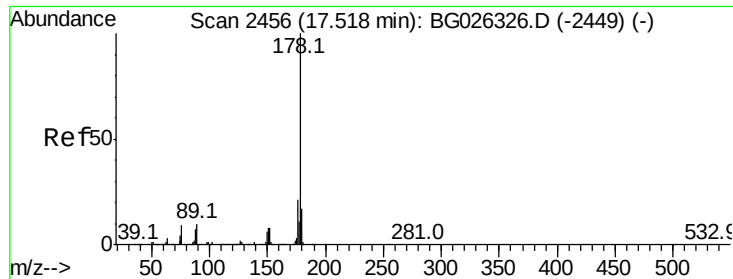
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#70
 Phenanthrene
 Concen: 46.07 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. -0.00 min
 Lab File: BG026342.D
 Acq: 21 Mar 2017 1:00

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1942375		
176	21.7		17.7	26.5
179	17.2		15.0	22.6





#71

Anthracene

Concen: 46.66 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.00 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

Instrument :

BNA_G

ClientSampleId :

PB97674BS

Tot Ion:178 Resp: 2007495

Ion Ratio Lower Upper

178 100

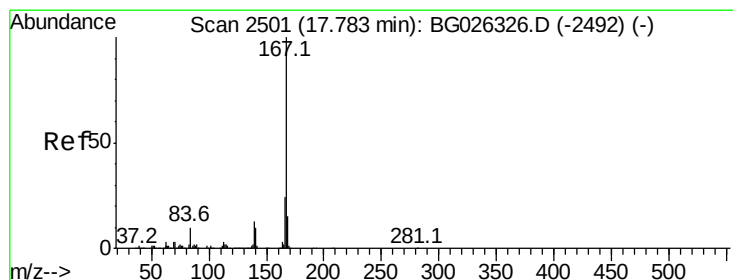
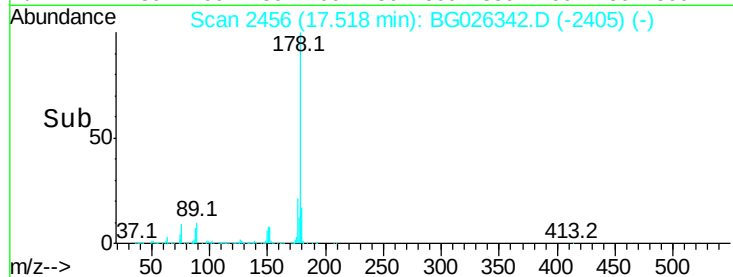
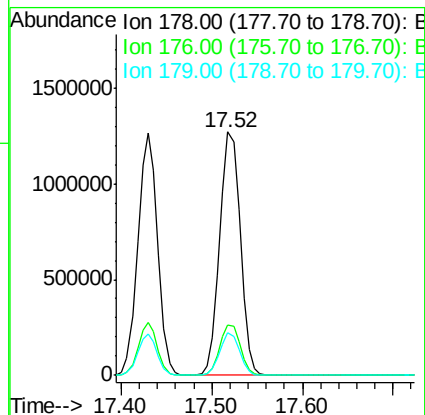
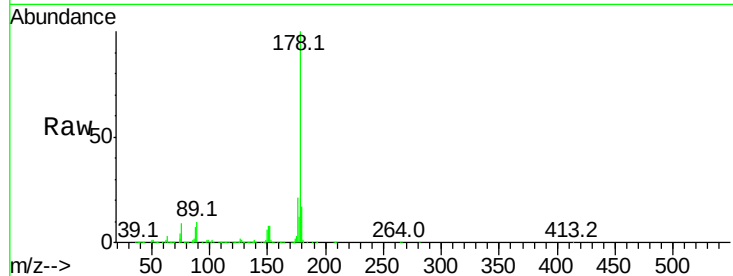
176 20.9 16.4 24.6

179 17.4 13.8 20.8

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#72

Carbazole

Concen: 43.94 ng

RT: 17.78 min Scan# 2501

Delta R.T. -0.00 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

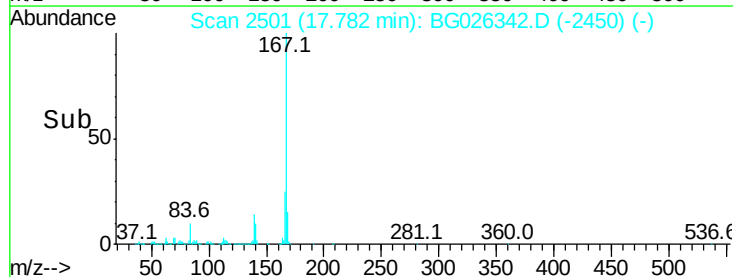
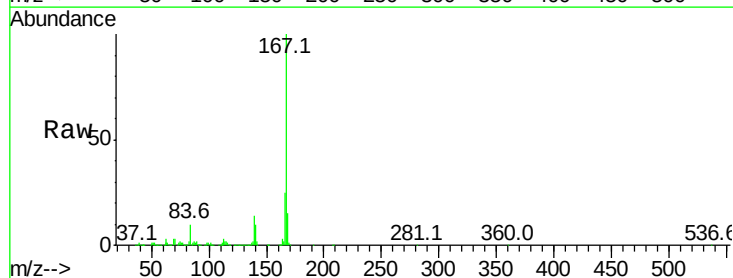
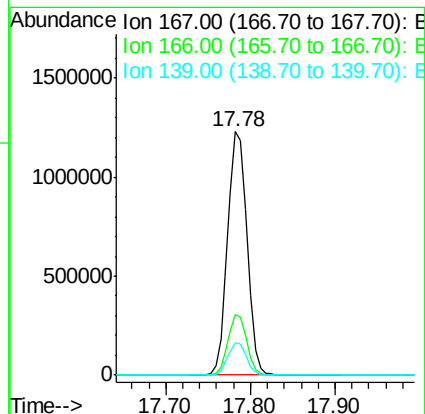
Tgt Ion:167 Resp: 1946251

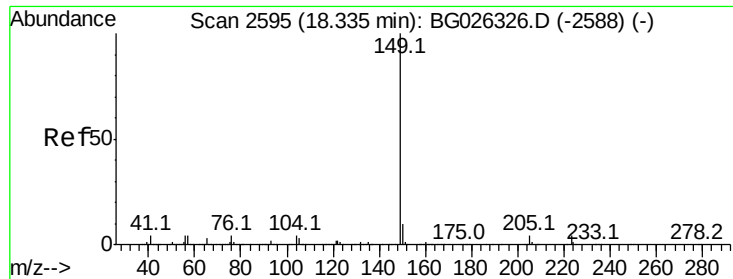
Ion Ratio Lower Upper

167 100

166 24.9 20.2 30.2

139 13.6 12.8 19.2





#73

Di-n-butylphthalate

Concen: 48.41 ng

RT: 18.33 min Scan# 2595

Delta R.T. -0.00 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

Instrument :

BNA_G

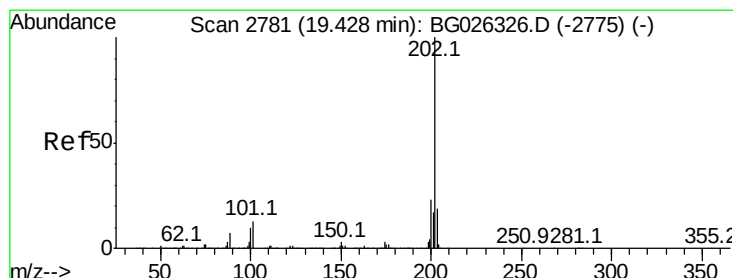
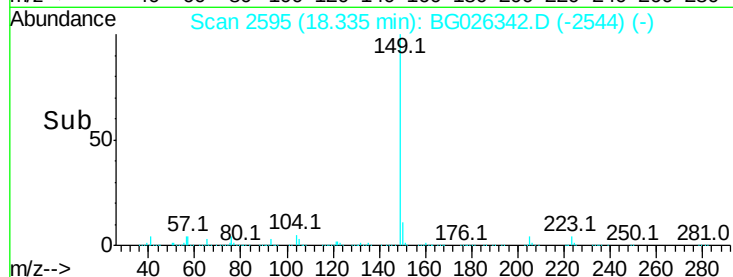
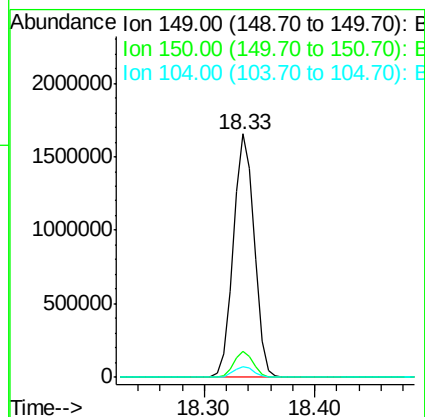
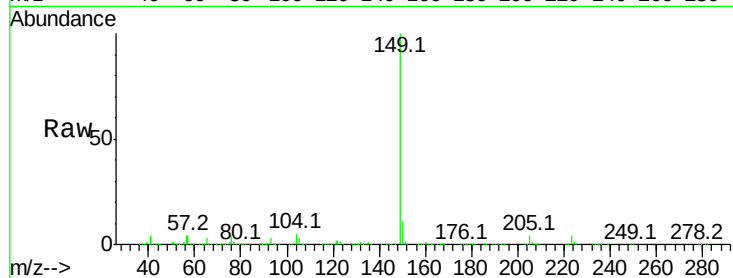
ClientSampleId :

PB97674BS

Tot Ion:	149	Resp:	2203131
Ion	Ratio	Lower	Upper
149	100		
150	10.9	9.1	13.7
104	4.6	6.7	10.1

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#74

Fluoranthene

Concen: 46.84 ng

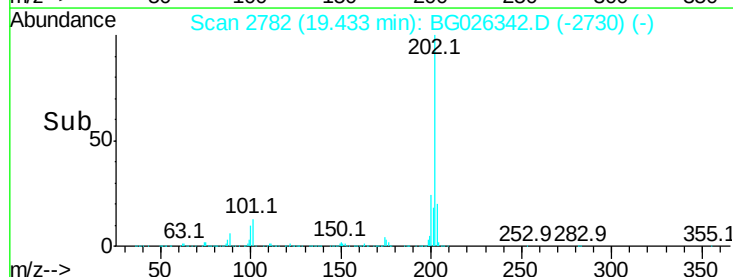
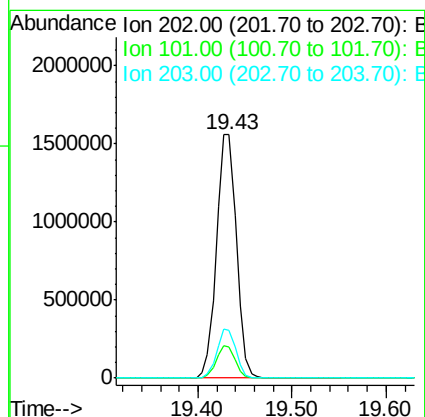
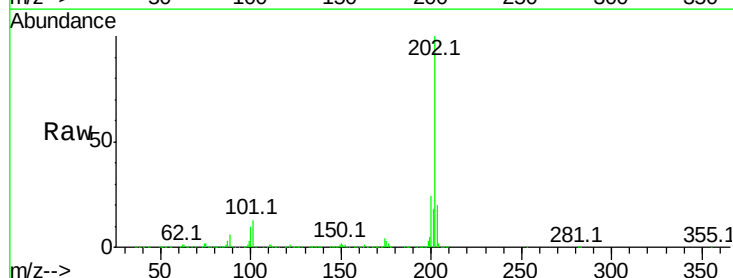
RT: 19.43 min Scan# 2782

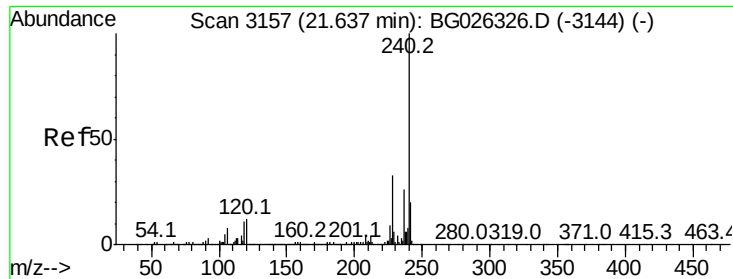
Delta R.T. 0.01 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

Tgt Ion:	202	Resp:	2322570
Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	30.1
203	19.8	1.3	41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

Instrument :

BNA_G

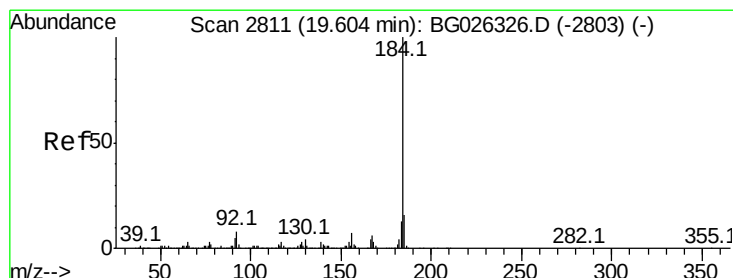
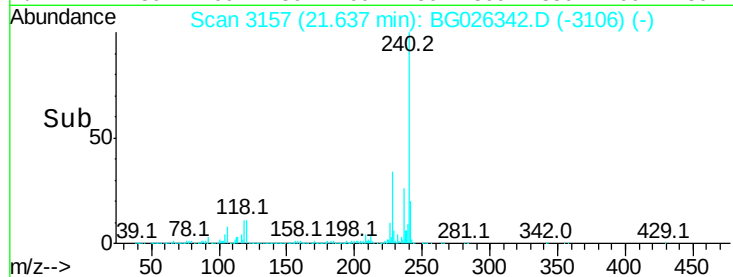
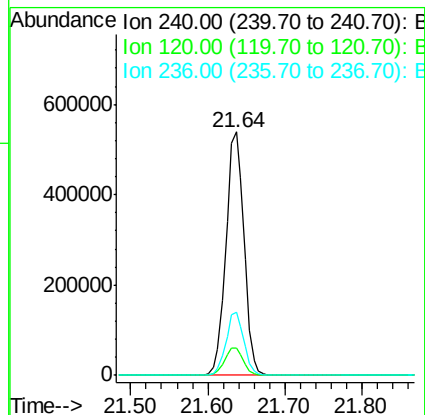
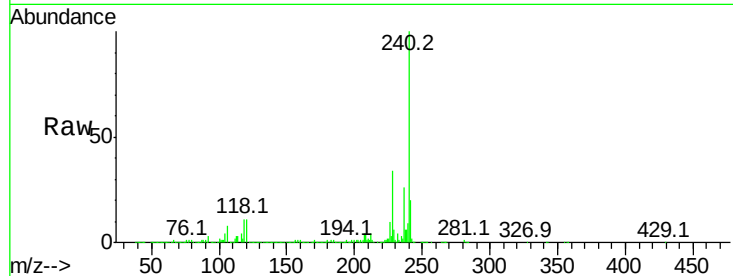
ClientSampleId :

PB97674BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.2	5.7	8.5#
236	25.8	22.2	33.4

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#76

Benzidine

Concen: 21.13 ng

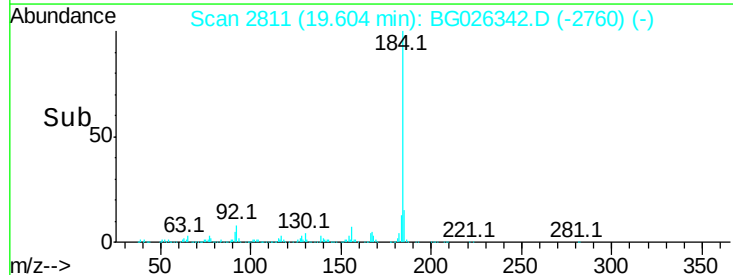
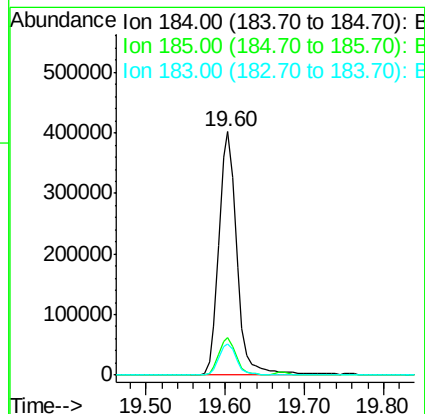
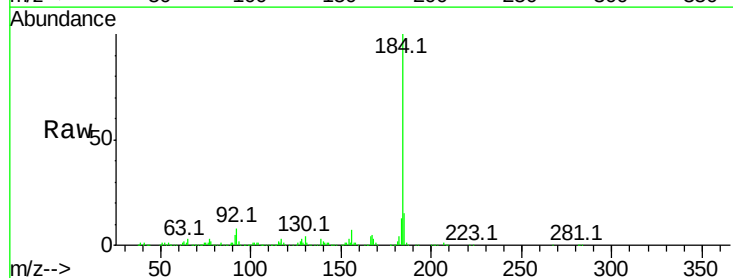
RT: 19.60 min Scan# 2811

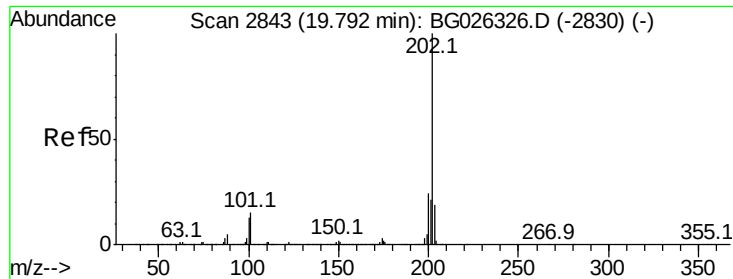
Delta R.T. -0.00 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.2	13.0	19.6
183	12.9	11.0	16.6





#77

Pvrene

Concen: 46.39 ng

RT: 19.79 min Scan# 2843

Delta R.T. -0.00 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

Instrument :

BNA_G

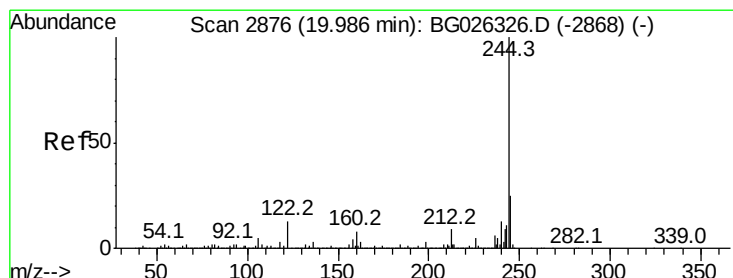
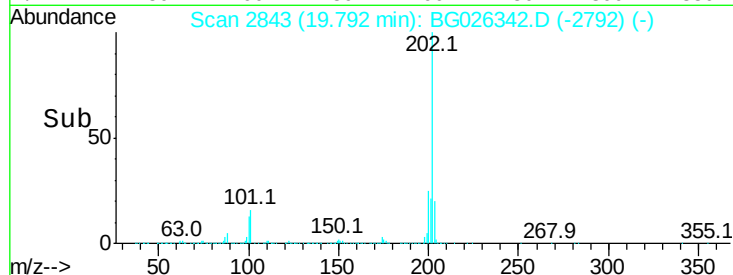
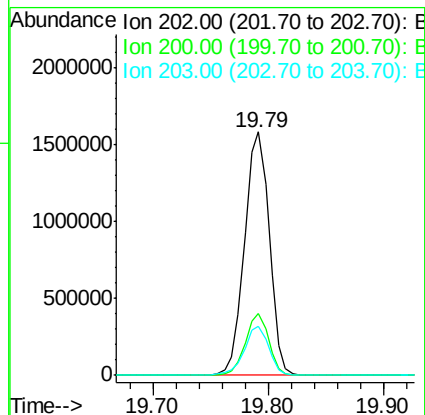
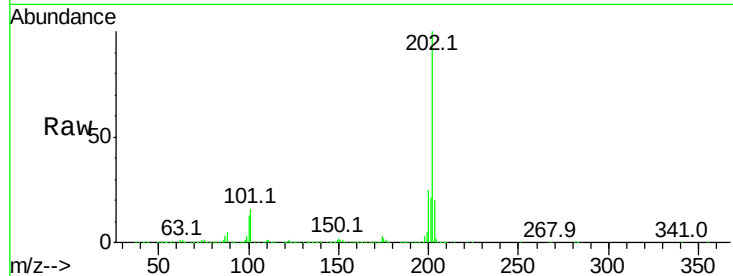
ClientSampleId :

PB97674BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	25.2	19.6	29.4
203	20.4	15.8	23.8

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#78

Terphenyl-d14

Concen: 79.77 ng

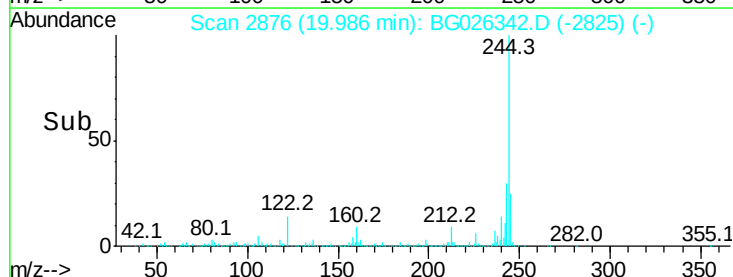
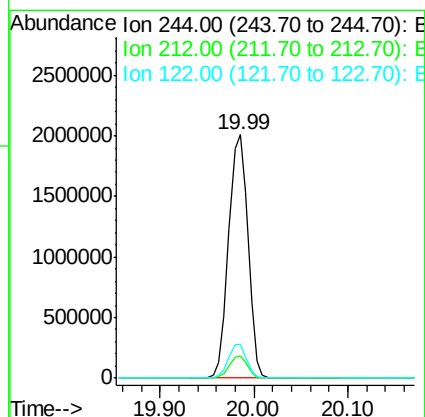
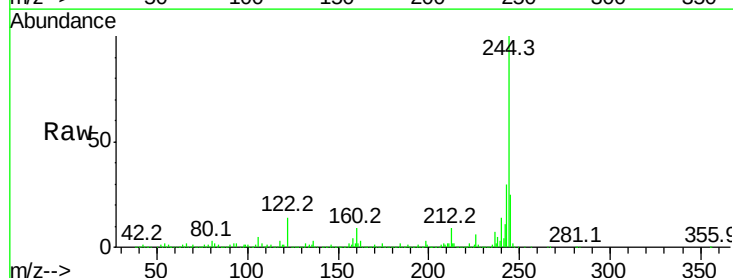
RT: 19.99 min Scan# 2876

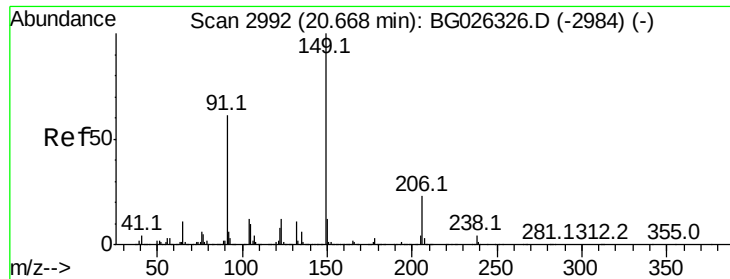
Delta R.T. -0.00 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.4	10.0	15.0#
122	13.9	8.6	12.8#





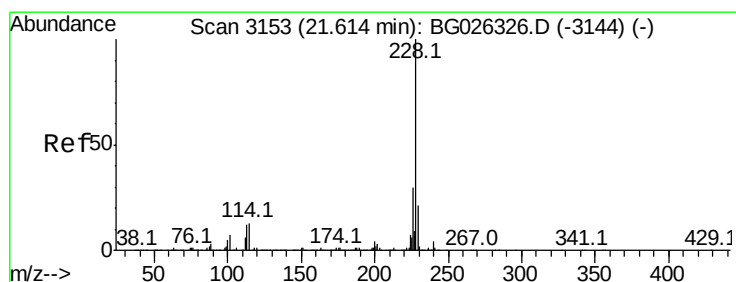
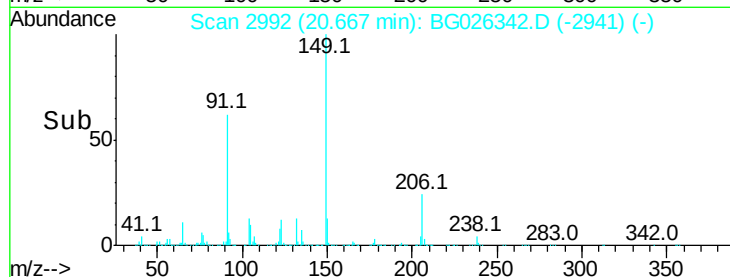
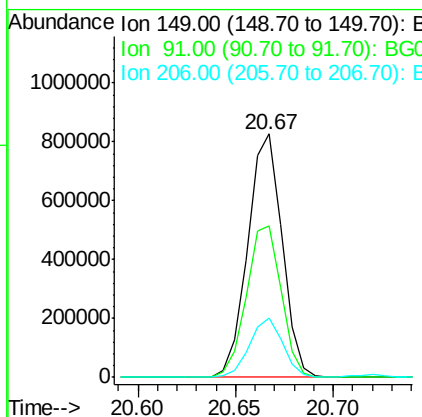
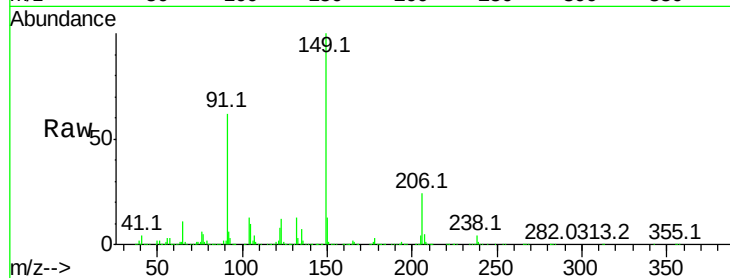
#79
Butylbenzylphthalate
Concen: 49.62 ng
RT: 20.67 min Scan# 2992
Delta R.T. -0.00 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

Instrument :
BNA_G
ClientSampleID :
PB97674BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	62.4	63.5	95.3#
206	24.2	21.0	31.6

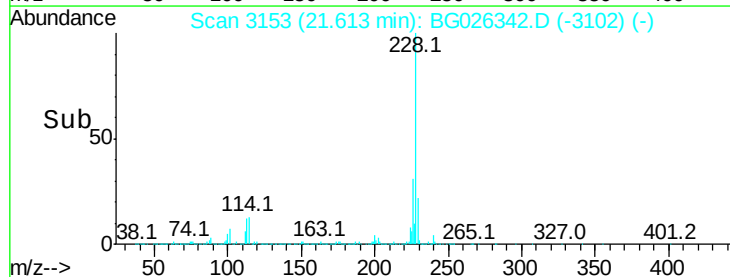
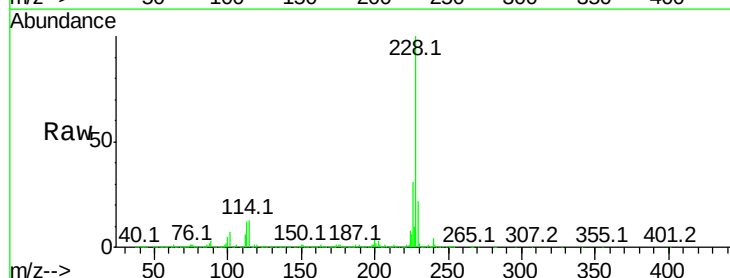
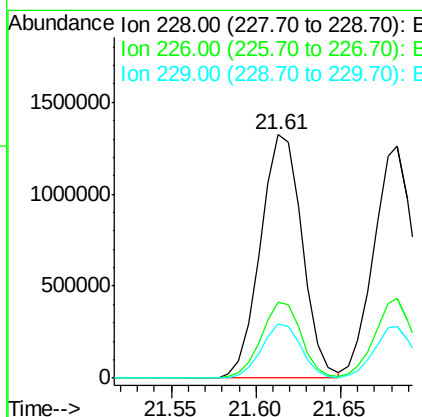
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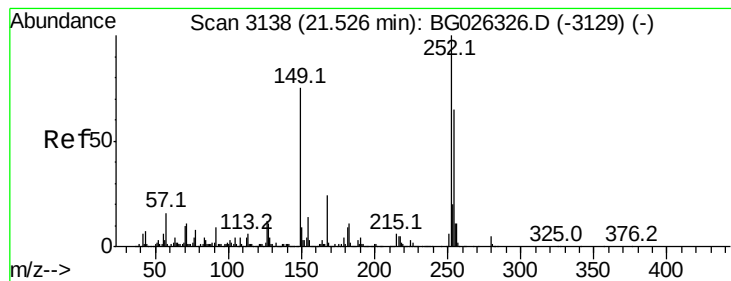
mohammad
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#80
Benzo(a)anthracene
Concen: 46.03 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.00 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.9	37.3
229	22.5	18.2	27.2





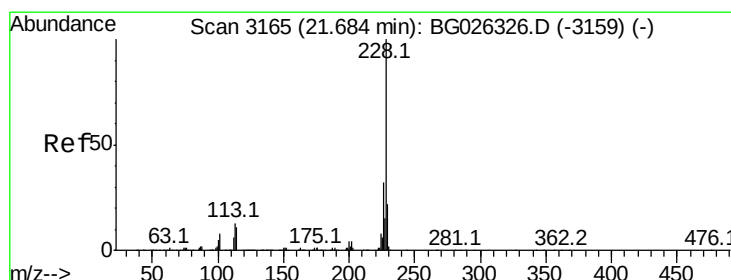
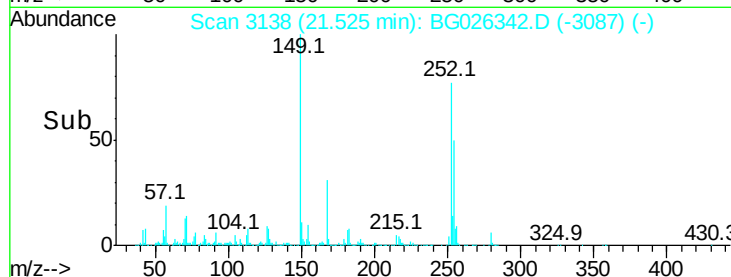
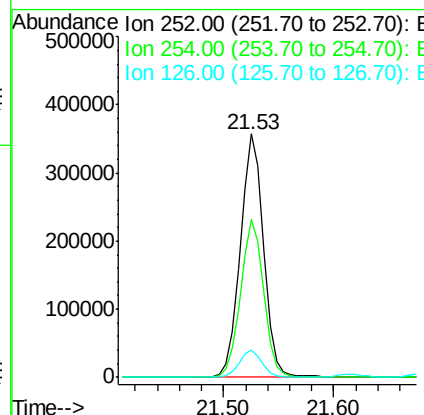
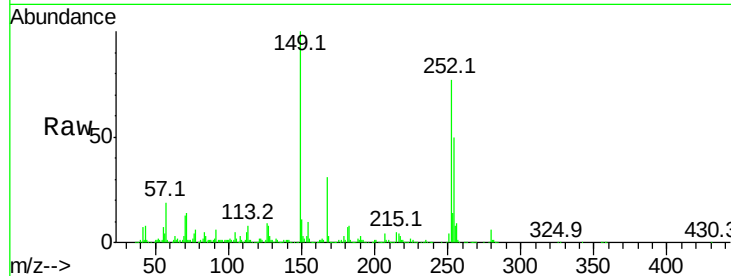
#81
 3,3'-Dichlorobenzidine
 Concen: 26.09 ng
 RT: 21.53 min Scan# 3138
 Delta R.T. -0.00 min
 Lab File: BG026342.D
 Acq: 21 Mar 2017 1:00

Instrument :
 BNA_G
 ClientSampleId :
 PB97674BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.0	53.1	79.7
126	11.4	7.0	10.4

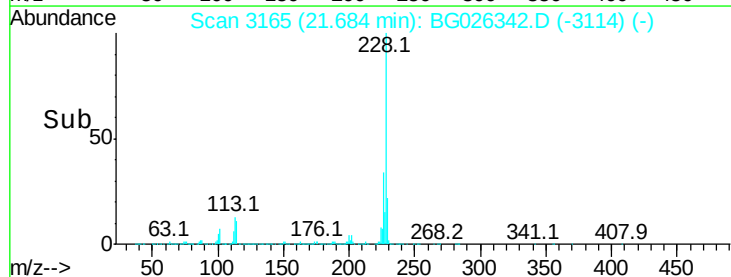
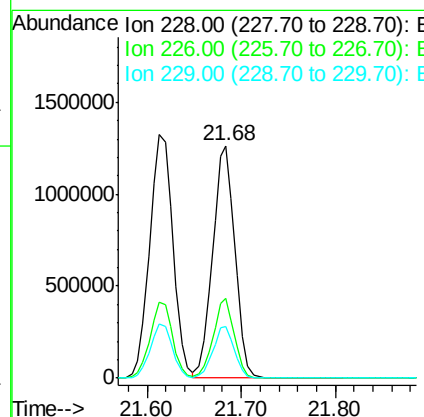
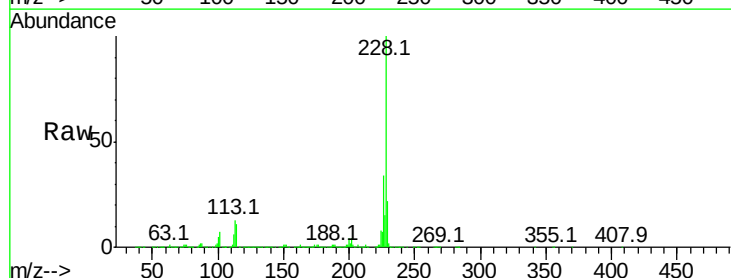
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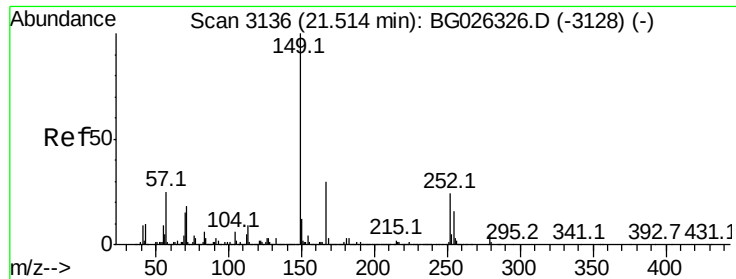
mohammad
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#82
 Chrysene
 Concen: 44.28 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. -0.00 min
 Lab File: BG026342.D
 Acq: 21 Mar 2017 1:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.2	27.0	40.4
229	22.0	17.8	26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.82 ng

RT: 21.51 min Scan# 3136

Delta R.T. -0.00 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

Instrument :

BNA_G

ClientSampled :

PB97674BS

Tot Ion:149 Resp: 1467208

Ion Ratio Lower Upper

149 100

167 31.2 23.7 35.5

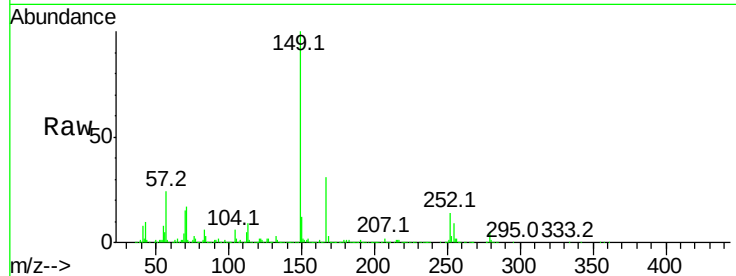
279 5.1 4.6 6.8

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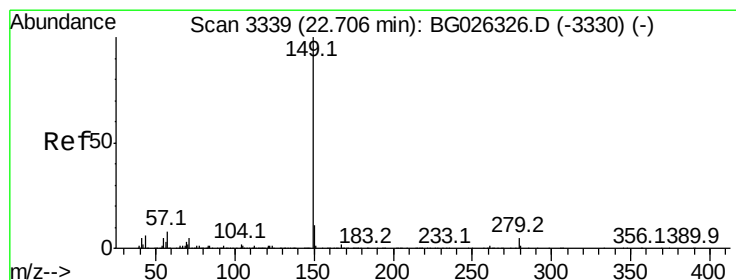
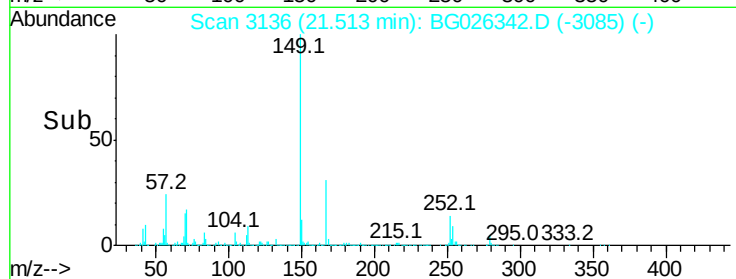
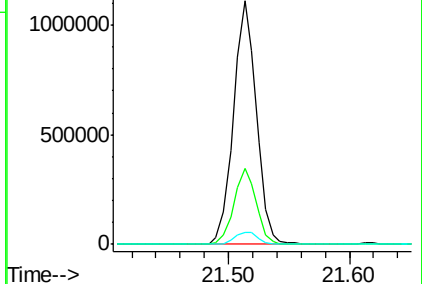
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 48.51 ng

RT: 22.71 min Scan# 3339

Delta R.T. -0.00 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

Tgt Ion:149 Resp: 2540011

Ion Ratio Lower Upper

149 100

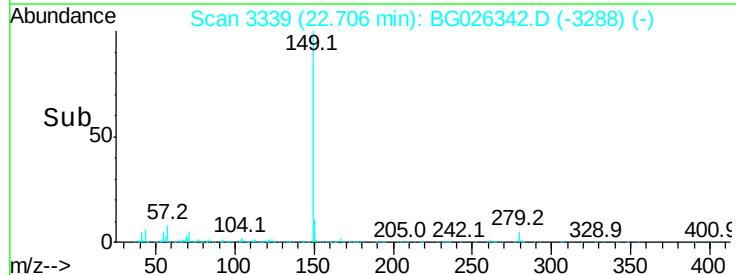
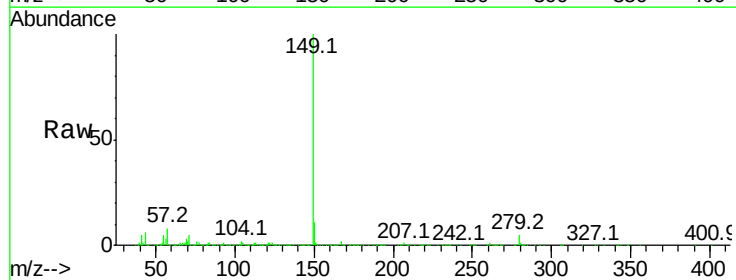
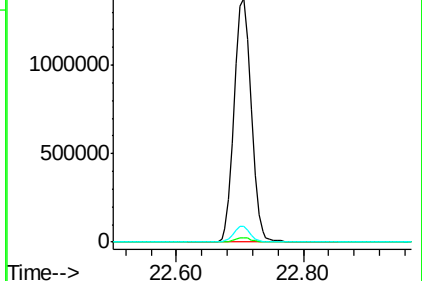
167 1.8 1.4 2.2

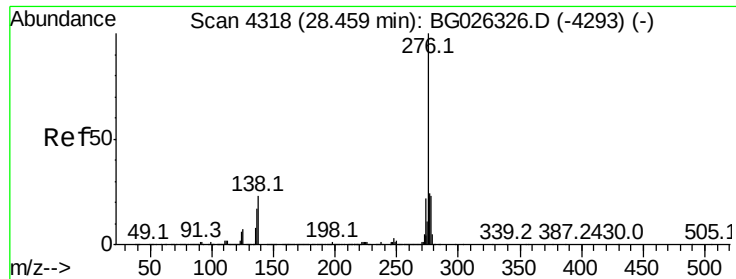
43 6.2 11.8 17.6#

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): BG0





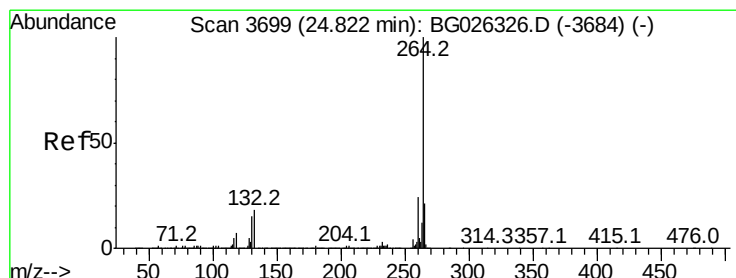
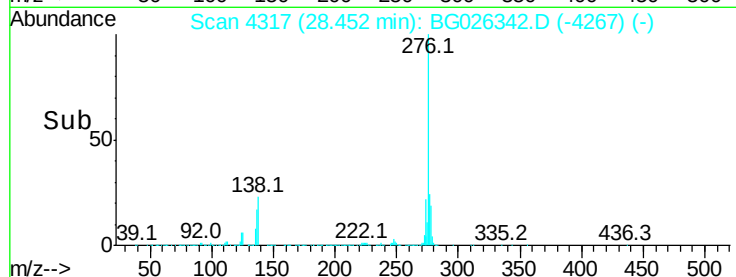
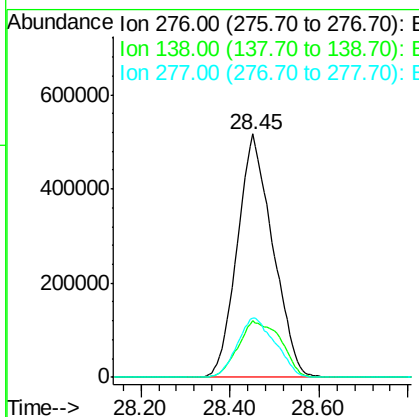
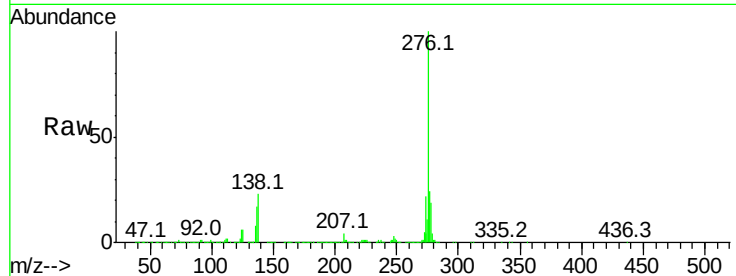
#85
Indeno(1,2,3-cd)pyrene
Concen: 48.87 ng
RT: 28.45 min Scan# 4317
Delta R.T. -0.01 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

Instrument :
BNA_G
ClientSampleId :
PB97674BS

Tot Ion:276 Resp: 2844355
Ion Ratio Lower Upper
276 100
138 28.0 4.7 7.1#
277 26.3 20.6 31.0

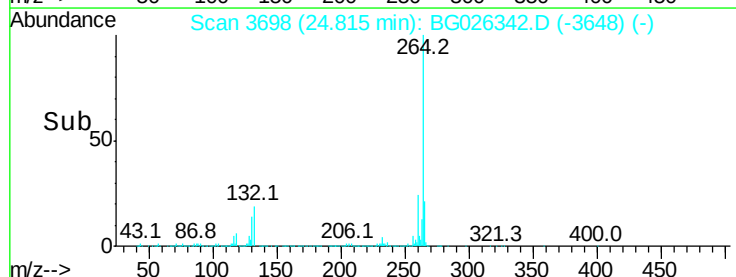
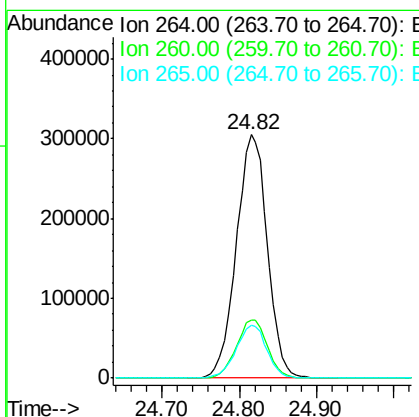
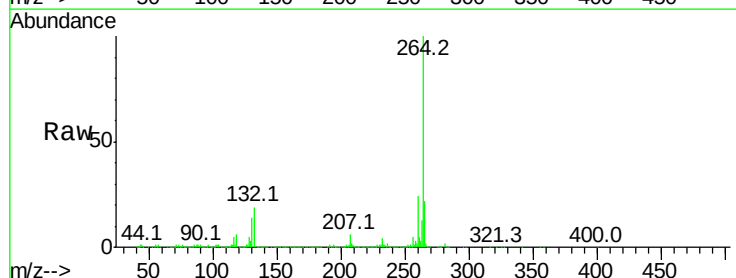
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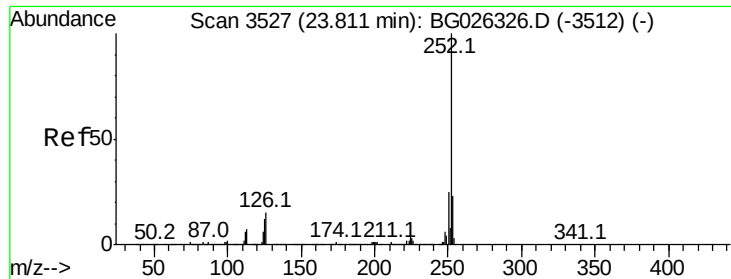
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 24.82 min Scan# 3698
Delta R.T. -0.01 min
Lab File: BG026342.D
Acq: 21 Mar 2017 1:00

Tgt Ion:264 Resp: 856542
Ion Ratio Lower Upper
264 100
260 23.7 21.8 32.8
265 21.6 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 46.98 ng

RT: 23.81 min Scan# 3527

Delta R.T. -0.00 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

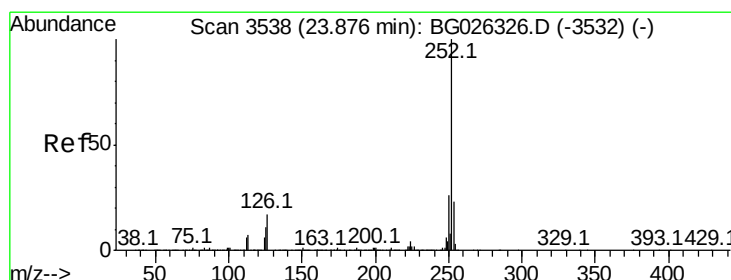
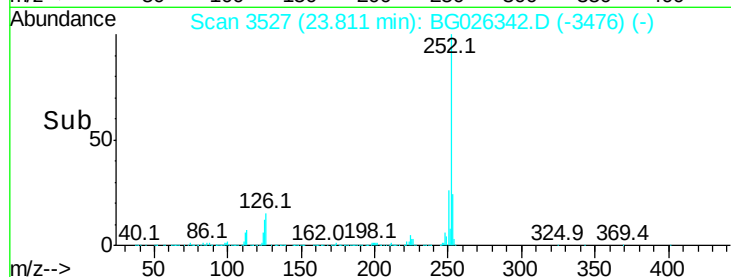
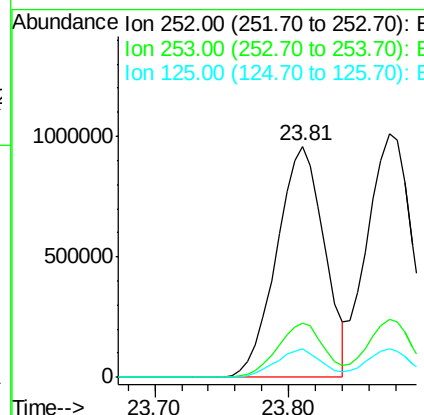
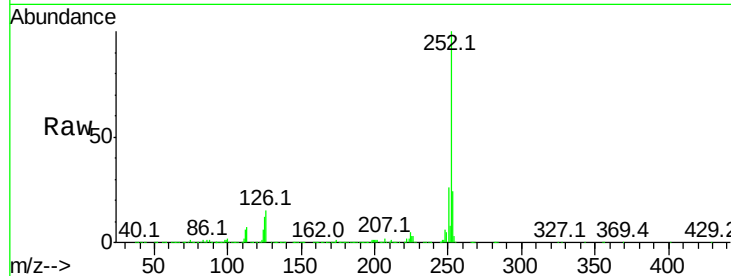
Instrument :
BNA_G
ClientSampleId :
PB97674BS

Tot Ion:252 Resp: 2372099

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.7	28.1
125	12.5	5.3	7.9#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 48.11 ng

RT: 23.88 min Scan# 3538

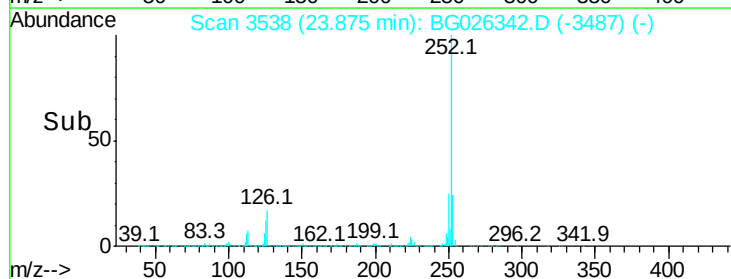
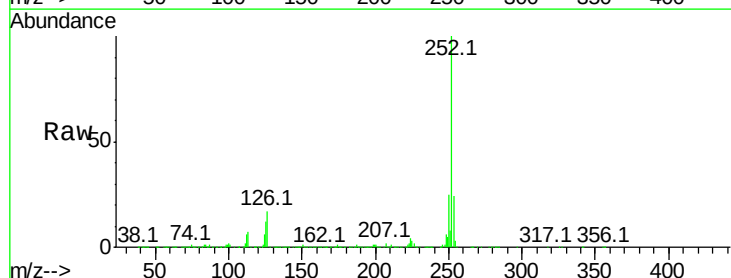
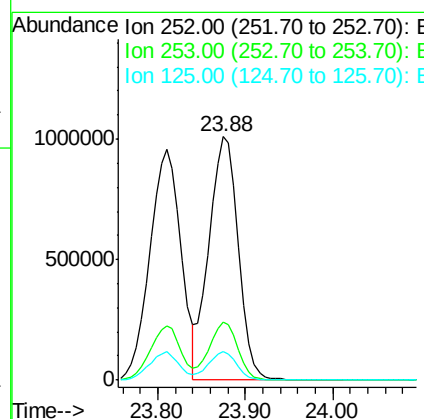
Delta R.T. -0.00 min

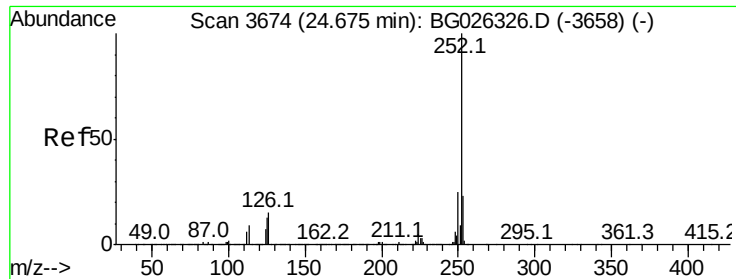
Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

Tgt Ion:252 Resp: 2355558

Ion	Ratio	Lower	Upper
252	100		
253	23.7	20.2	30.2
125	11.9	5.1	7.7#





#89

Benzo(a)pyrene

Concen: 48.11 ng

RT: 24.67 min Scan# 3673

Delta R.T. -0.01 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

Instrument :

BNA_G

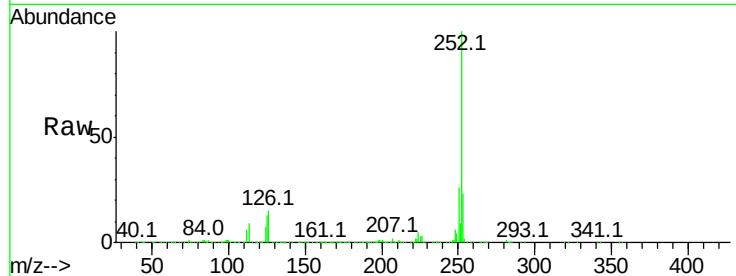
ClientSampleId :

PB97674BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	19.2	28.8
125	12.6	5.4	8.0

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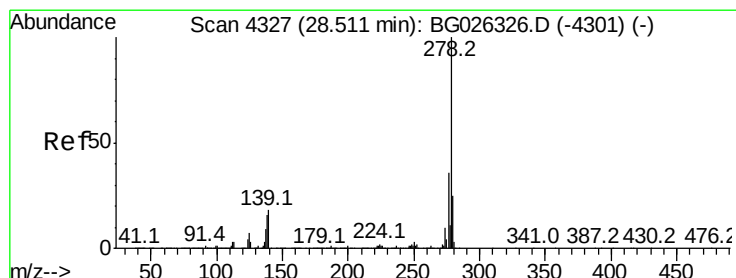
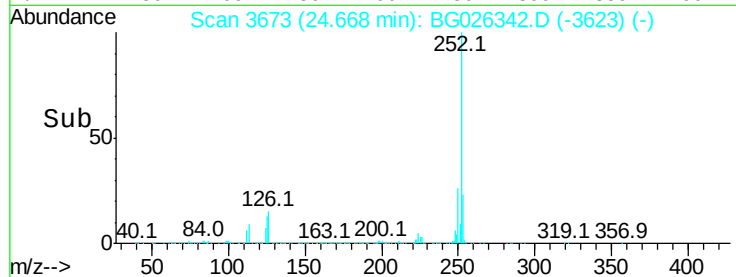
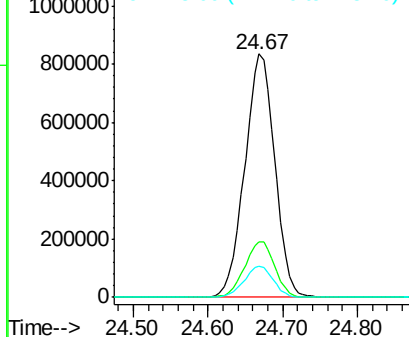


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 48.05 ng

RT: 28.51 min Scan# 4327

Delta R.T. -0.00 min

Lab File: BG026342.D

Acq: 21 Mar 2017 1:00

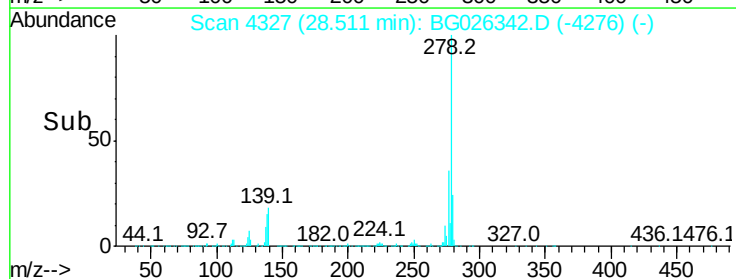
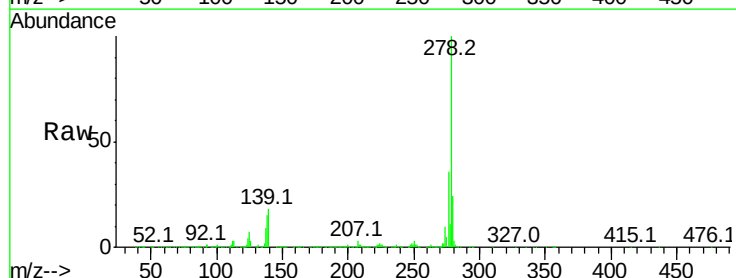
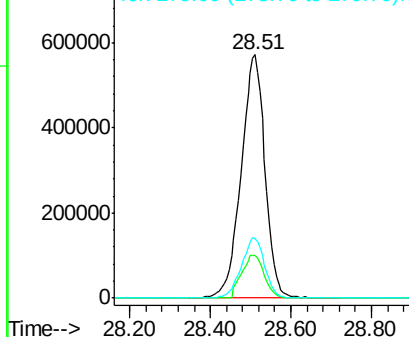
Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.6	7.7	11.5
279	24.3	19.1	28.7

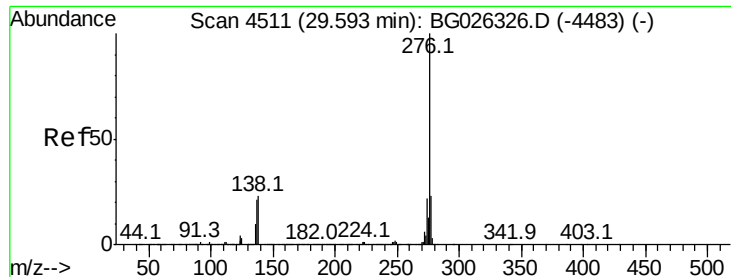
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 47.88 ng
 RT: 29.59 min Scan# 4511
 Delta R.T. -0.00 min
 Lab File: BG026342.D
 Acq: 21 Mar 2017 1:00

Instrument :
 BNA_G
 ClientSampleId :
 PB97674BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.6	27.8
138	24.6	8.1	12.1

Manual Integrations
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