

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022717\
 Data File : BG025991.D
 Acq On : 28 Feb 2017 8:59
 Operator : SJ/MA
 Sample : I1996-03MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E2-AA6-BASEMS

Manual Integrations
 APPROVED

mohammad
 3/1/2017 12:38:06 PM

Quant Time: Feb 28 15:13:46 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 15:48:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	95137	20.00	ng	-0.01
21) Naphthalene-d8	10.88	136	483601	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	348232	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	859584	20.00	ng	0.00
75) Chrysene-d12	21.66	240	852802	20.00	ng	-0.02
86) Perylene-d12	24.85	264	855084	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	762305	139.50	ng	-0.01
7) Phenol-d6	7.23	99	1113958	137.76	ng	0.00
23) Nitrobenzene-d5	9.23	82	604531	78.89	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	528734	164.34	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1663193	83.46	ng	-0.01
78) Terphenyl-d14	20.00	244	2256130	64.34	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	70891	28.39	ng	# 81
3) Pyridine	3.93	79	208979	28.08	ng	# 71
4) n-Nitrosodimethylamine	3.84	42	90447	33.79	ng	# 35
6) Aniline	7.40	93	246841	21.96	ng	# 92
8) 2-Chlorophenol	7.64	128	283562	43.66	ng	# 87
9) Benzaldehyde	7.21	77	79072	16.50	ng	# 67
10) Phenol	7.26	94	405409	46.14	ng	# 73
11) bis(2-Chloroethyl)ether	7.49	93	256685	35.54	ng	# 87
12) 1,3-Dichlorobenzene	7.97	146	270066	35.97	ng	# 88
13) 1,4-Dichlorobenzene	8.11	146	281822	37.06	ng	# 94
14) 1,2-Dichlorobenzene	8.43	146	280278	37.54	ng	# 91
15) Benzyl Alcohol	8.30	79	259114	43.76	ng	# 80
16) 2,2'-oxybis(1-Chloropropan	8.61	45	326067	31.11	ng	# 89
17) 2-Methylphenol	8.51	107	304732	48.14	ng	# 83
18) Hexachloroethane	9.17	117	90515	35.91	ng	# 87
19) n-Nitroso-di-n-propylamine	8.87	70	225690	38.21	ng	# 80
20) 3+4-Methylphenols	8.84	107	455374	50.49	ng	# 87
22) Acetophenone	8.89	105	441589	38.05	ng	# 79
24) Nitrobenzene	9.27	77	313756	37.86	ng	# 78
25) Isophorone	9.80	82	661969	39.25	ng	# 92
26) 2-Nitrophenol	9.98	139	175619	45.32	ng	# 67
27) 2,4-Dimethylphenol	10.04	122	422646	58.44	ng	# 88
28) bis(2-Chloroethoxy)methane	10.28	93	406688	38.05	ng	# 99
29) 2,4-Dichlorophenol	10.52	162	342618	49.63	ng	# 95
30) 1,2,4-Trichlorobenzene	10.74	180	293250	39.06	ng	# 98
31) Naphthalene	10.93	128	1006582	40.26	ng	# 99
32) Benzoic acid	10.14	122	134863	24.42	ng	# 78
33) 4-Chloroaniline	11.03	127	77227	7.11	ng	# 85
34) Hexachlorobutadiene	11.22	225	159652	37.37	ng	# 98
35) Caprolactam	11.79	113	147234m	52.82	ng	# 92
36) 4-Chloro-3-methylphenol	12.14	107	402430	48.73	ng	# 82
37) 2-Methylnaphthalene	12.52	142	833327	43.76	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	355903	40.78	ng	# 98
40) Hexachlorocyclopentadiene	12.87	237	322129	67.45	ng	# 96

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022717\
 Data File : BG025991.D
 Acq On : 28 Feb 2017 8:59
 Operator : SJ/MA
 Sample : I1996-03MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E2-AA6-BASEMS

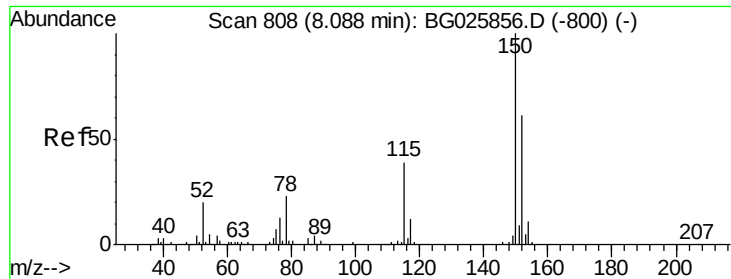
Manual Integrations
 APPROVED

mohammad
 3/1/2017 12:38:06 PM

Quant Time: Feb 28 15:13:46 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 15:48:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	297846	52.84	ng	99
43) 2,4,5-Trichlorophenol	13.19	196	320144	50.03	ng	93
45) 1,1'-Biphenyl	13.52	154	1068972	42.36	ng	98
46) 2-Chloronaphthalene	13.56	162	791017	43.36	ng	97
47) 2-Nitroaniline	13.76	65	275147	47.55	ng	# 67
48) Acenaphthylene	14.40	152	1378141	42.43	ng	99
49) Dimethylphthalate	14.13	163	1666985	69.78	ng	99
50) 2,6-Dinitrotoluene	14.25	165	262311	48.88	ng	# 64
51) Acenaphthene	14.74	154	994906	46.38	ng	96
52) 3-Nitroaniline	14.57	138	126405	21.06	ng	# 68
53) 2,4-Dinitrophenol	14.78	184	248723	88.57	ng	# 85
54) Dibenzofuran	15.08	168	1346641	47.09	ng	91
55) 4-Nitrophenol	14.88	139	500860	102.52	ng	# 45
56) 2,4-Dinitrotoluene	15.03	165	375156	51.96	ng	# 76
57) Fluorene	15.72	166	1127933	44.14	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.30	232	310684	55.03	ng	99
59) Diethylphthalate	15.49	149	1148445	46.48	ng	99
60) 4-Chlorophenyl-phenylether	15.71	204	534024	45.10	ng	92
61) 4-Nitroaniline	15.73	138	293819	47.22	ng	# 53
62) Azobenzene	16.00	77	1005101	47.32	ng	86
64) 4,6-Dinitro-2-methylphenol	15.79	198	213857	42.51	ng	90
65) n-Nitrosodiphenylamine	15.92	169	1042391	39.99	ng	99
66) 4-Bromophenyl-phenylether	16.60	248	357572	39.69	ng	97
67) Hexachlorobenzene	16.72	284	371355	39.99	ng	95
68) Atrazine	16.86	200	374776	40.62	ng	95
69) Pentachlorophenol	17.06	266	488378	85.26	ng	97
70) Phenanthrene	17.45	178	1772966	38.00	ng	98
71) Anthracene	17.54	178	1823085	38.32	ng	99
72) Carbazole	17.80	167	1704540	35.67	ng	97
73) Di-n-butylphthalate	18.36	149	1940765	41.37	ng	# 94
74) Fluoranthene	19.45	202	1920545	37.38	ng	94
76) Benzidine	19.62	184	924073	34.33	ng	99
77) Pyrene	19.81	202	1943058	36.03	ng	99
79) Butylbenzylphthalate	20.69	149	867454	42.38	ng	# 85
80) Benzo(a)anthracene	21.63	228	1863427	37.42	ng	97
81) 3,3'-Dichlorobenzidine	21.55	252	316545	17.83	ng	# 98
82) Chrysene	21.70	228	1691575	35.33	ng	98
83) Bis(2-ethylhexyl)phthalate	21.54	149	1245785	42.15	ng	98
84) Di-n-octyl phthalate	22.74	149	2147310	44.00	ng	# 85
85) Indeno(1,2,3-cd)pyrene	28.51	276	2249663	39.89	ng	# 87
87) Benzo(b)fluoranthene	23.84	252	1902417	37.15	ng	# 97
88) Benzo(k)fluoranthene	23.91	252	1874620	37.52	ng	# 93
89) Benzo(a)pyrene	24.71	252	1856017	38.27	ng	# 94
90) Dibenzo(a,h)anthracene	28.56	278	1852331	38.02	ng	# 93
91) Benzo(g,h,i)perylene	29.65	276	1841274	37.70	ng	# 88

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.07 min Scan# 806

Delta R.T. -0.01 min

Lab File: BG025991.D

Acq: 28 Feb 2017 8:59

Instrument :

BNA_G

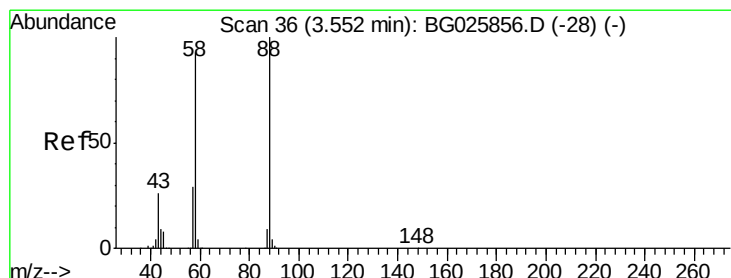
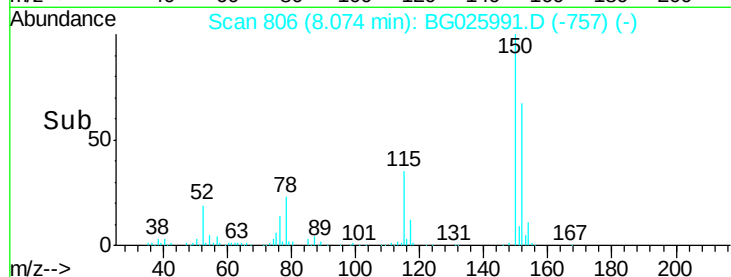
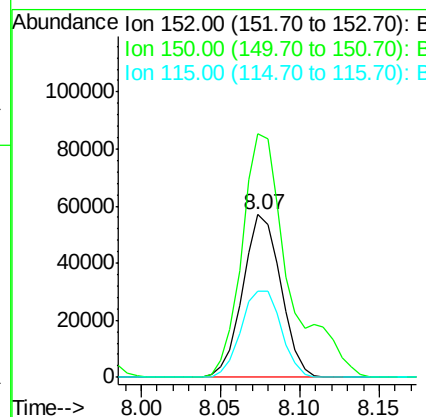
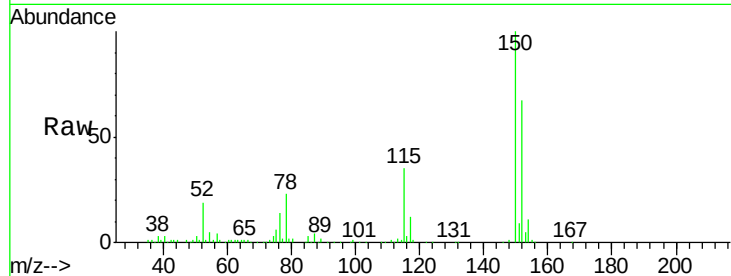
ClientSampleId :

E2-AA6-BASEMS

Tot Ion:	152	Resp:	95137
Ion Ratio	Lower	Upper	
152	100		
150	149.5	114.0	171.0
115	52.7	48.1	72.1

Manual Integrations
APPROVED

mohammad
3/1/2017 12:38:06 PM



#2

1,4-Dioxane

Concen: 28.39 ng

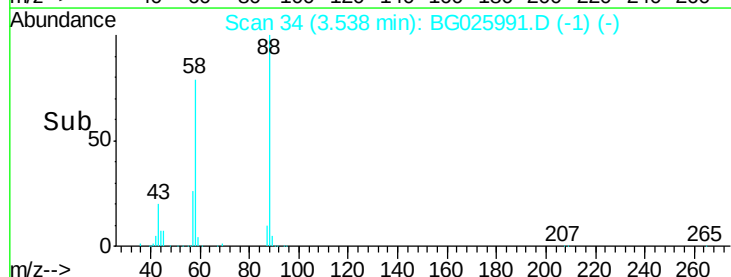
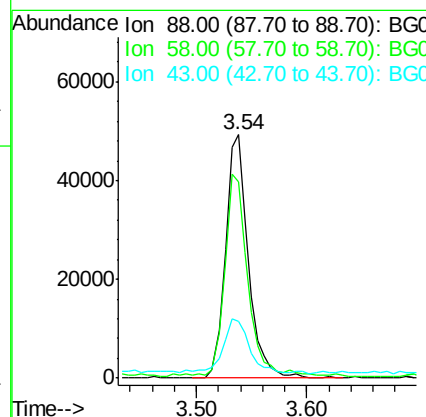
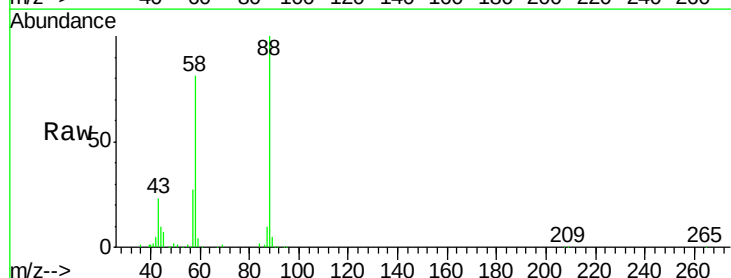
RT: 3.54 min Scan# 34

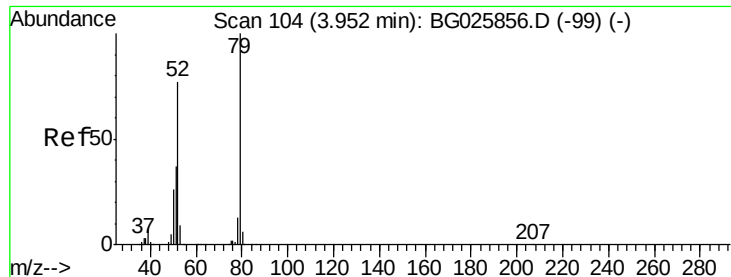
Delta R.T. -0.01 min

Lab File: BG025991.D

Acq: 28 Feb 2017 8:59

Tgt Ion:	88	Resp:	70891
Ion Ratio	Lower	Upper	
88	100		
58	83.1	79.4	119.2
43	25.5	33.8	50.6#





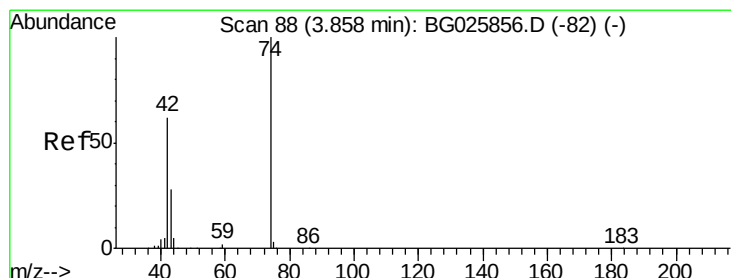
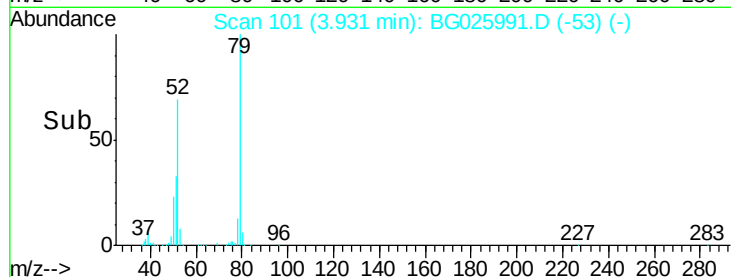
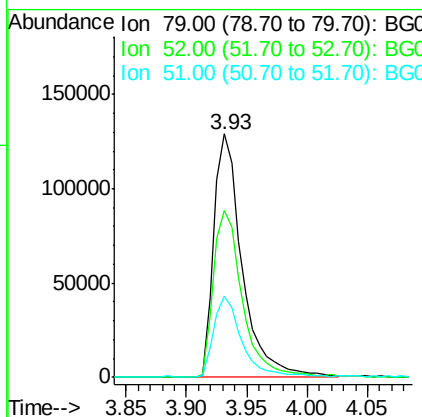
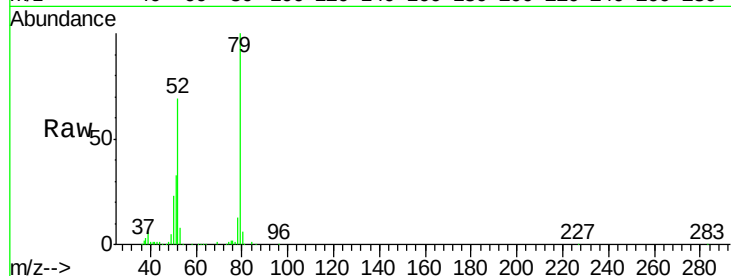
#3
 Pvridine
 Concen: 28.08 ng
 RT: 3.93 min Scan# 101
 Delta R.T. -0.02 min
 Lab File: BG025991.D
 Acq: 28 Feb 2017 8:59

Instrument :
 BNA_G
 ClientSampleId :
 E2-AA6-BAEMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	68.5	77.8	116.6#		
51	33.1	43.2	64.8#		

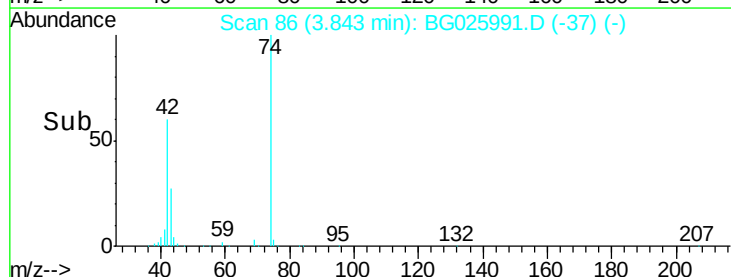
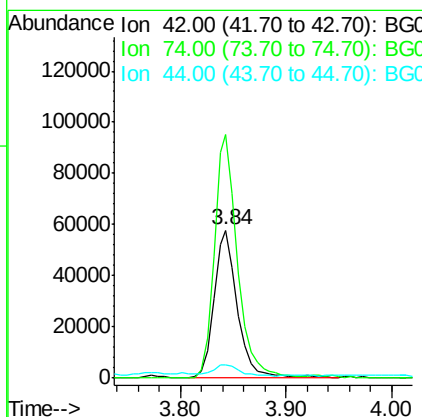
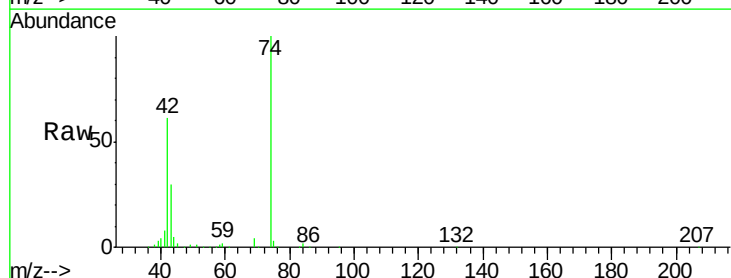
Manual Integrations
 APPROVED

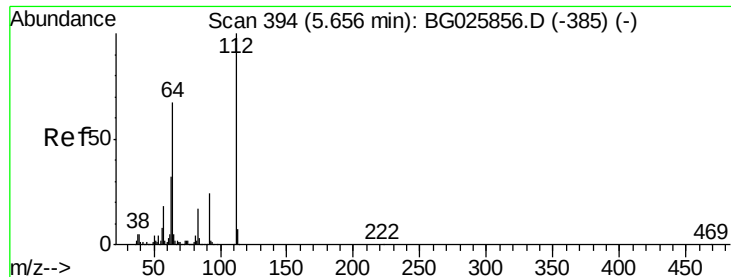
mohammad
 3/1/2017 12:38:06 PM



#4
 n-Nitrosodimethylamine
 Concen: 33.79 ng
 RT: 3.84 min Scan# 86
 Delta R.T. -0.01 min
 Lab File: BG025991.D
 Acq: 28 Feb 2017 8:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	164.3	76.7	115.1#		
44	8.7	6.1	9.1		





#5

2-Fluorophenol

Concen: 139.50 ng

RT: 5.64 min Scan# 392

Delta R.T. -0.01 min

Lab File: BG025991.D

Acq: 28 Feb 2017 8:59

Instrument :

BNA_G

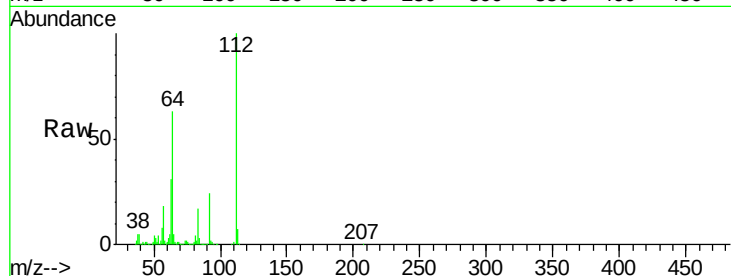
ClientSampleId :

E2-AA6-BASEMS

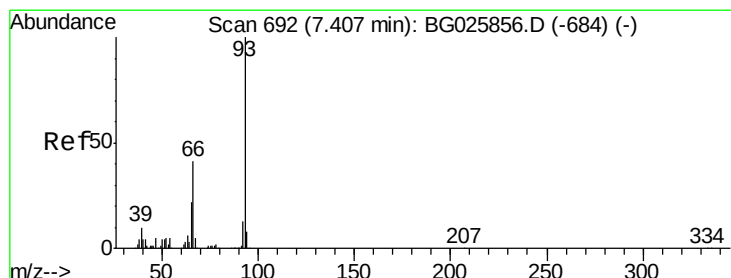
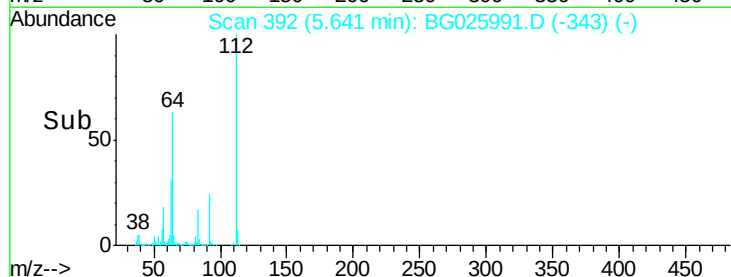
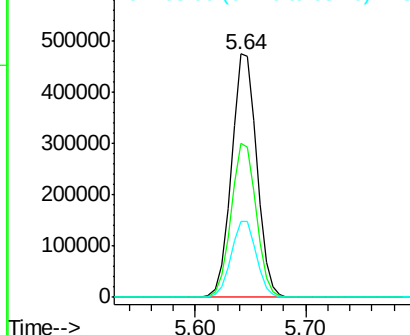
Tot Ion	Ratio	Lower	Upper
112	100		
64	63.4	61.8	92.6
63	31.2	37.2	55.8

Manual Integrations
APPROVED

mohammad
3/1/2017 12:38:06 PM



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 21.96 ng

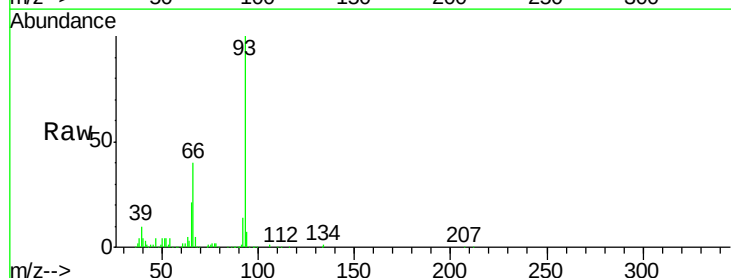
RT: 7.40 min Scan# 691

Delta R.T. -0.01 min

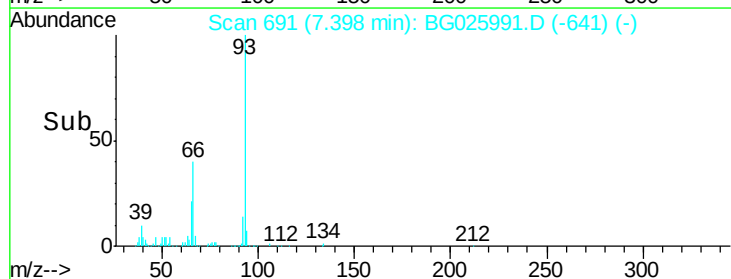
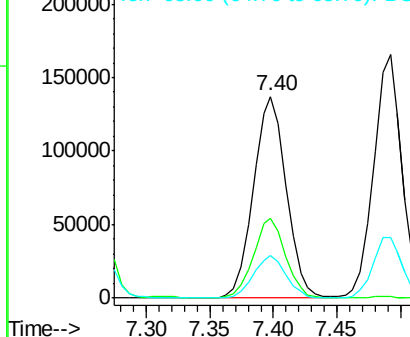
Lab File: BG025991.D

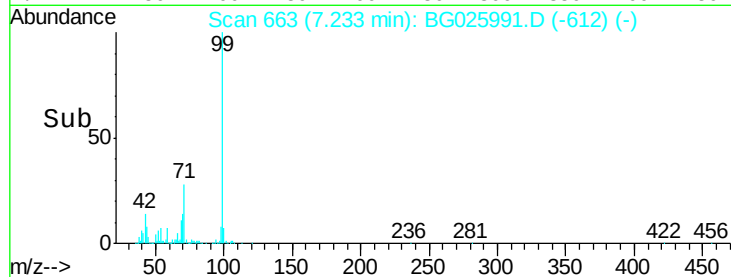
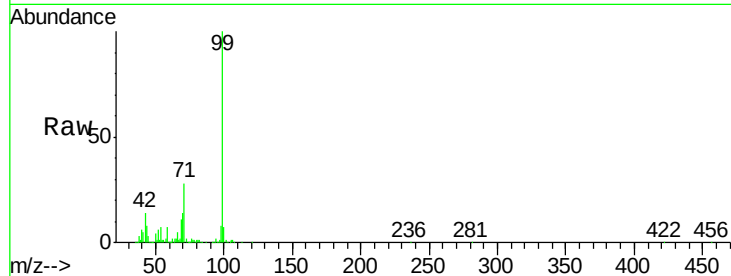
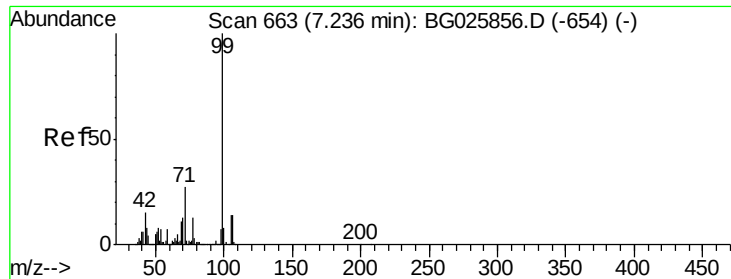
Acq: 28 Feb 2017 8:59

Tgt Ion	Ratio	Lower	Upper
93	100		
66	39.7	35.4	53.2
65	21.1	21.2	31.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 137.76 ng

RT: 7.23 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG025991.D

Acq: 28 Feb 2017 8:59

Tot Ion: 99 Resp: 1113958

Ion Ratio Lower Upper

99 100

42 14.2 20.5 30.7#

71 28.0 37.6 56.4#

Instrument :

BNA_G

ClientSampleId :

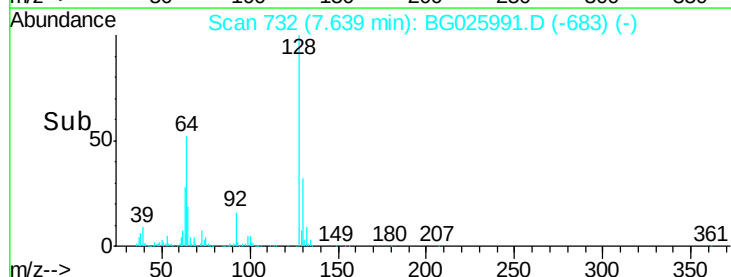
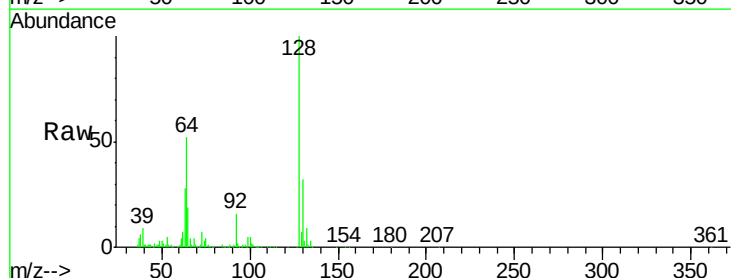
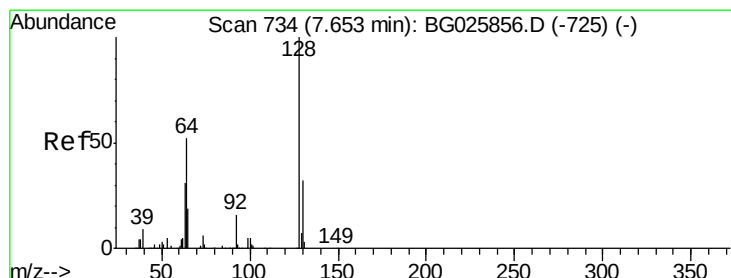
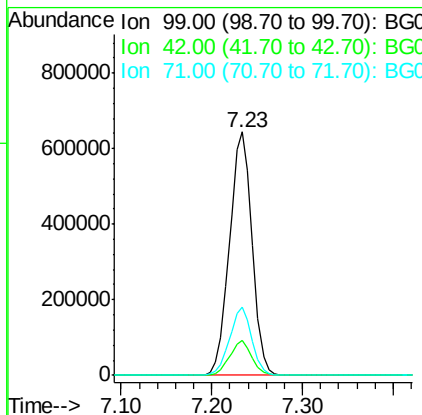
E2-AA6-BASEMS

Manual Integrations

APPROVED

mohammad

3/1/2017 12:38:06 PM



#8

2-Chlorophenol

Concen: 43.66 ng

RT: 7.64 min Scan# 732

Delta R.T. -0.01 min

Lab File: BG025991.D

Acq: 28 Feb 2017 8:59

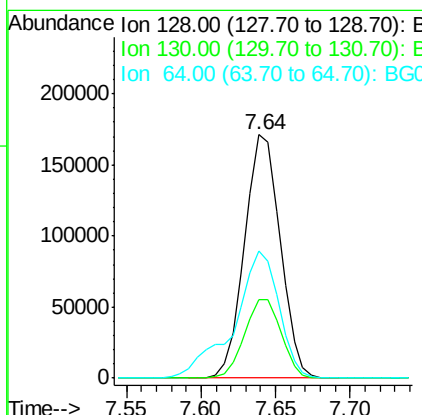
Tgt Ion:128 Resp: 283562

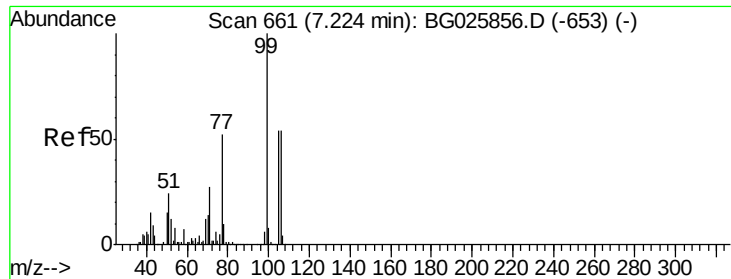
Ion Ratio Lower Upper

128 100

130 32.3 11.4 51.4

64 52.5 46.6 86.6





#9

Benzaldehyde

Concen: 16.50 ng

RT: 7.21 min Scan# 659

Delta R.T. -0.01 min

Lab File: BG025991.D

Acq: 28 Feb 2017 8:59

Instrument :

BNA_G

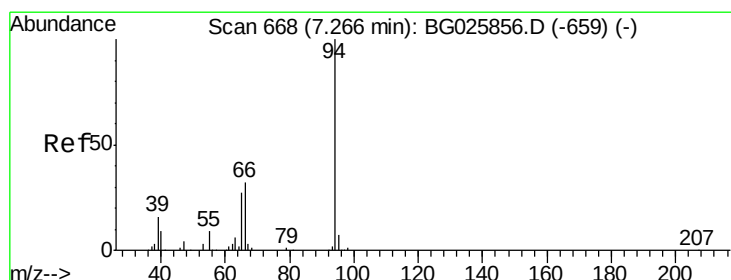
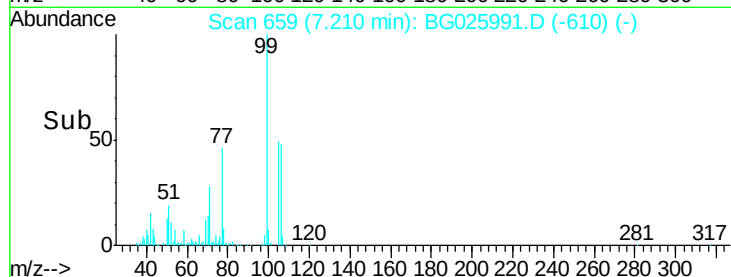
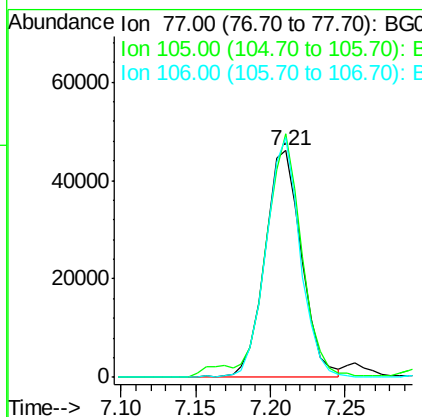
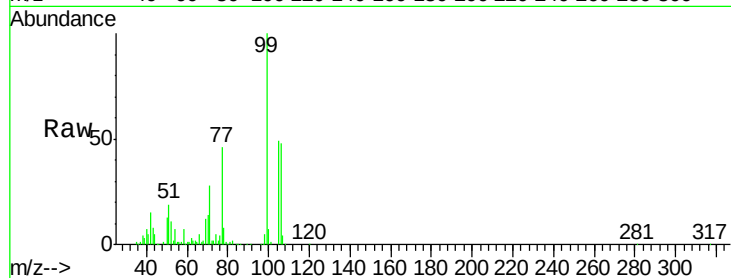
ClientSampleId :

E2-AA6-BASEMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	107.5	60.9	100.9#		
106	105.8	55.1	95.1#		

Manual Integrations
APPROVED

mohammad
3/1/2017 12:38:06 PM



#10

Phenol

Concen: 46.14 ng

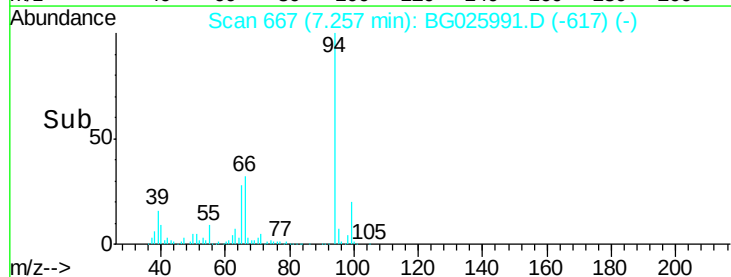
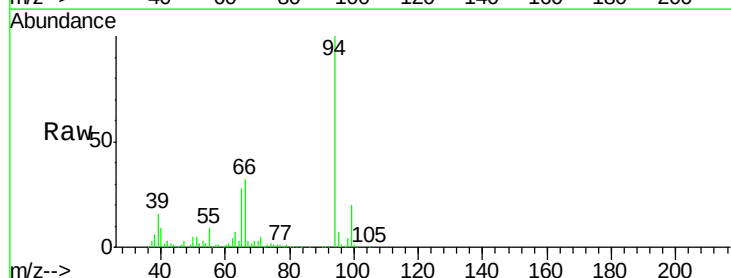
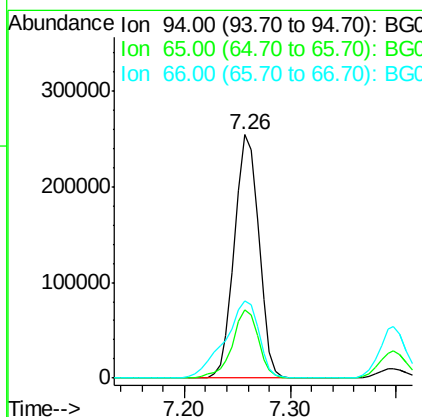
RT: 7.26 min Scan# 667

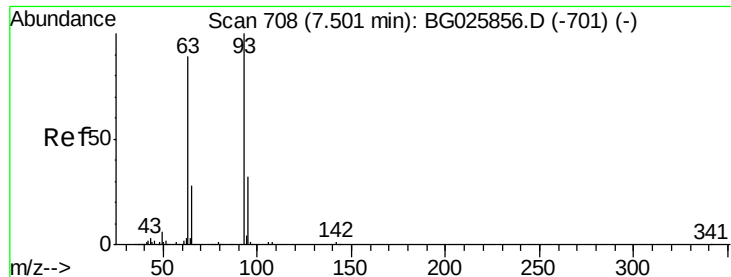
Delta R.T. -0.01 min

Lab File: BG025991.D

Acq: 28 Feb 2017 8:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	28.0	20.6	60.6		
66	31.7	35.5	75.5#		





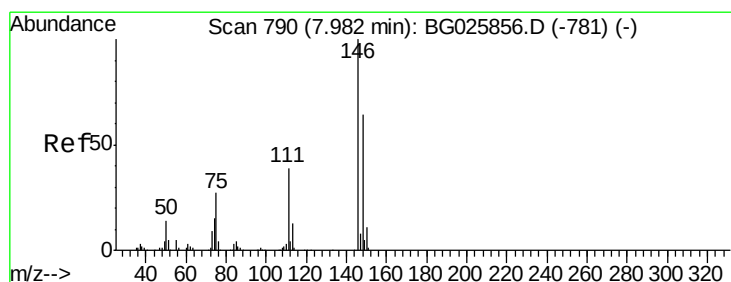
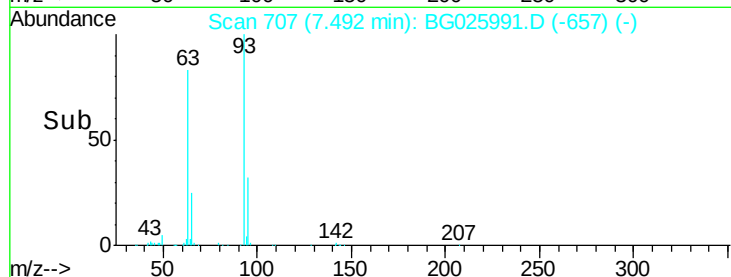
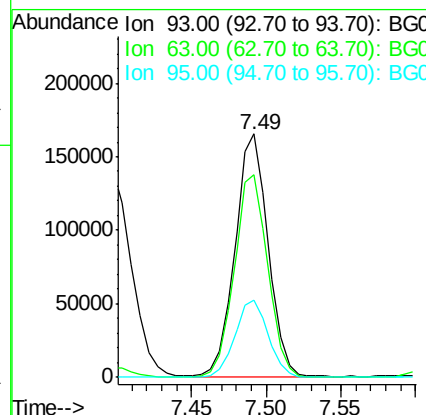
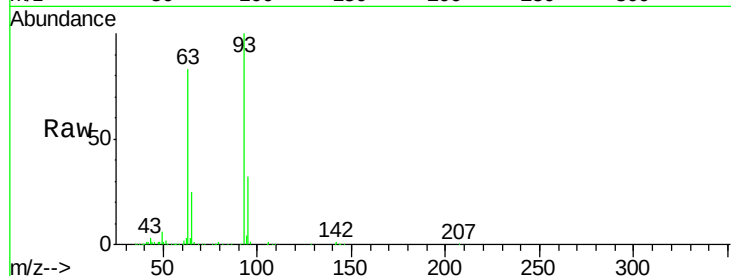
#11
bis(2-Chloroethyl)ether
Concen: 35.54 ng
RT: 7.49 min Scan# 707
Delta R.T. -0.01 min
Lab File: BG025991.D
Acq: 28 Feb 2017 8:59

Instrument :
BNA_G
ClientSampleId :
E2-AA6-BASEMS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	256685		
63	83.3		78.5	118.5
95	31.7		9.8	49.8

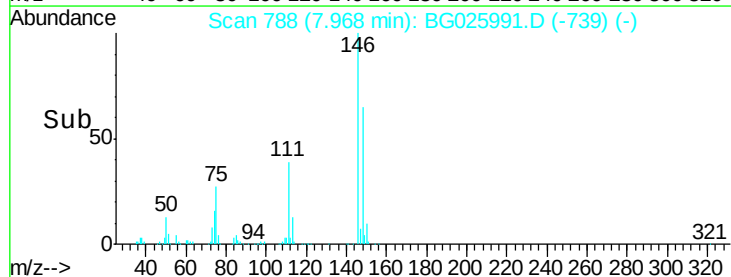
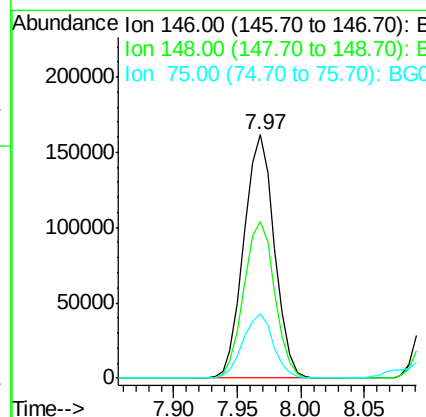
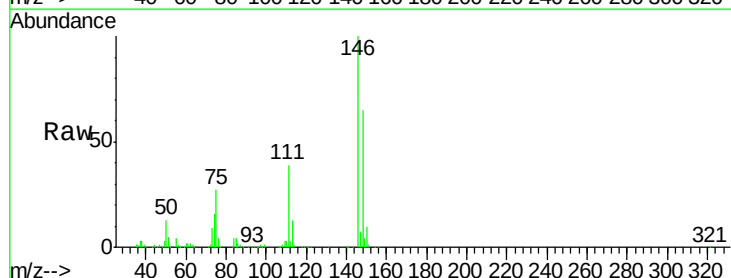
Manual Integrations
APPROVED

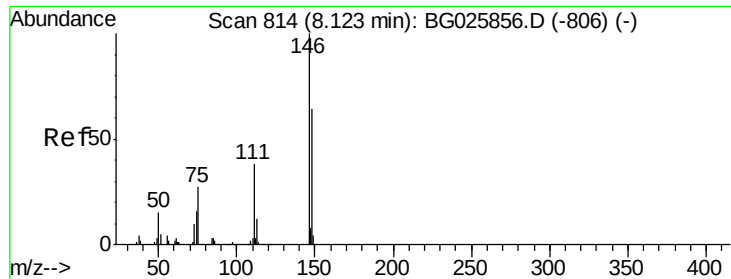
mohammad
3/1/2017 12:38:06 PM



#12
1,3-Dichlorobenzene
Concen: 35.97 ng
RT: 7.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BG025991.D
Acq: 28 Feb 2017 8:59

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	270066		
148	64.5		49.2	73.8
75	26.7		33.4	50.2#





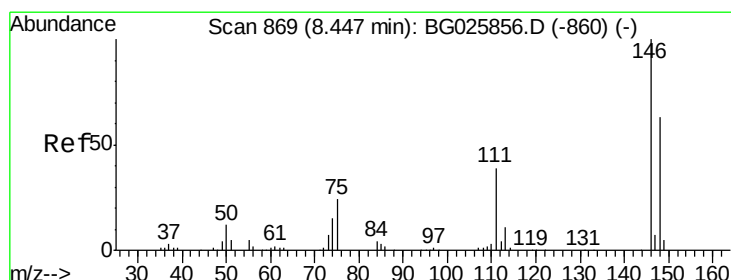
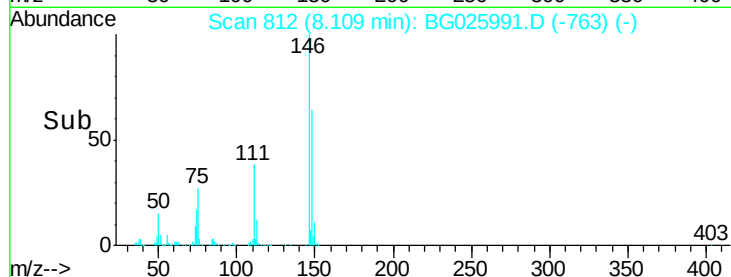
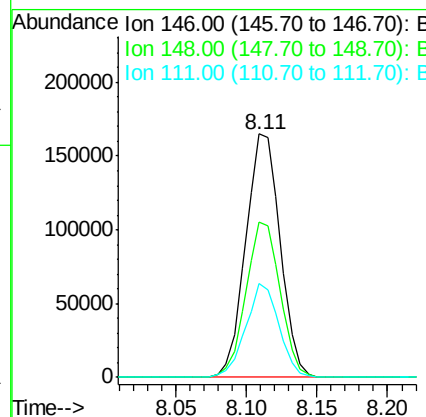
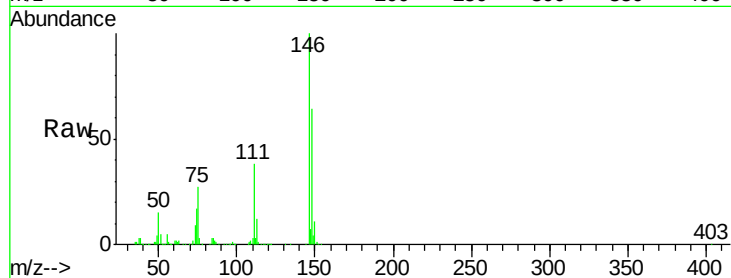
#13
 1,4-Dichlorobenzene
 Concen: 37.06 ng
 RT: 8.11 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BG025991.D
 Acq: 28 Feb 2017 8:59

Instrument :
 BNA_G
 ClientSampleId :
 E2-AA6-BASEMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.2	78.2
111	38.4	37.0	55.6

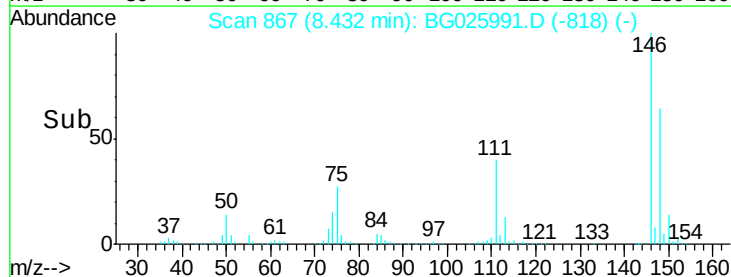
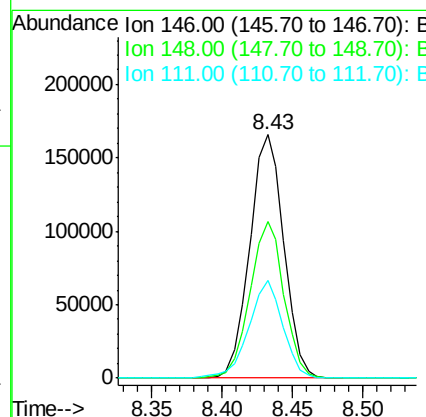
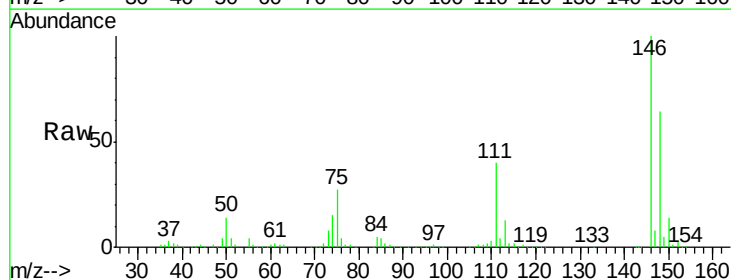
Manual Integrations
 APPROVED

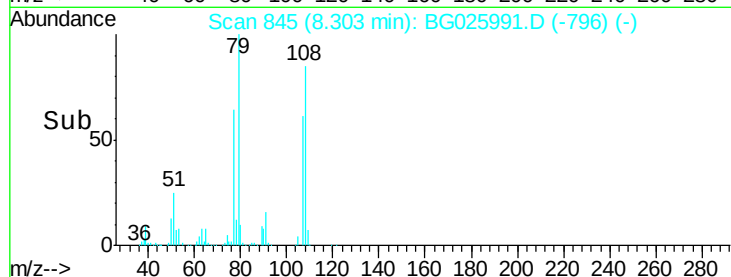
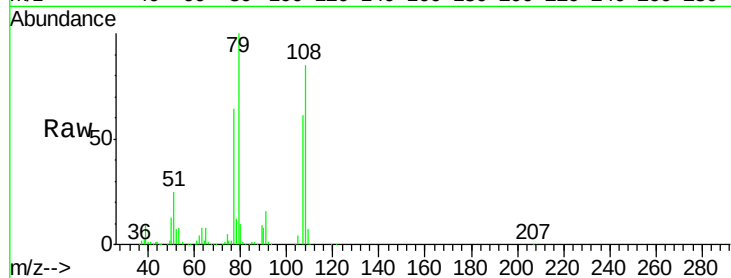
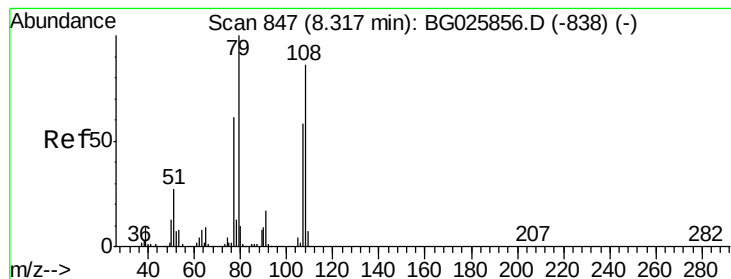
mohammad
 3/1/2017 12:38:06 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.54 ng
 RT: 8.43 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: BG025991.D
 Acq: 28 Feb 2017 8:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	54.6	81.8
111	40.0	39.7	59.5





#15

Benzyl Alcohol

Concen: 43.76 ng

RT: 8.30 min Scan# 845

Delta R.T. -0.01 min

Lab File: BG025991.D

Acq: 28 Feb 2017 8:59

Tot Ion:	79	Resp:	259114
Ion Ratio	Lower	Upper	
79	100		
108	84.7	45.5	68.3#
77	64.3	54.3	81.5

Instrument :

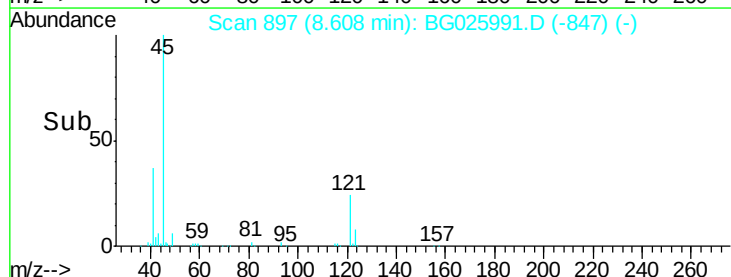
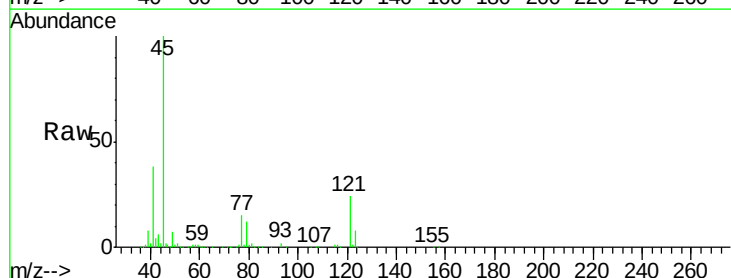
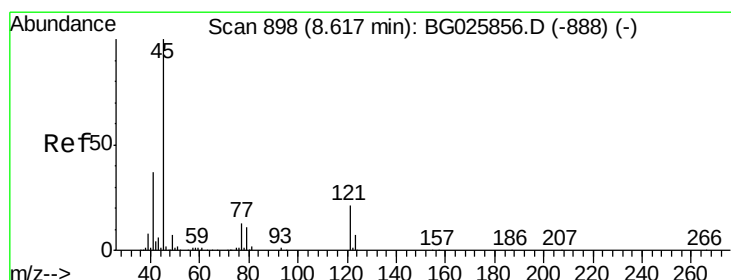
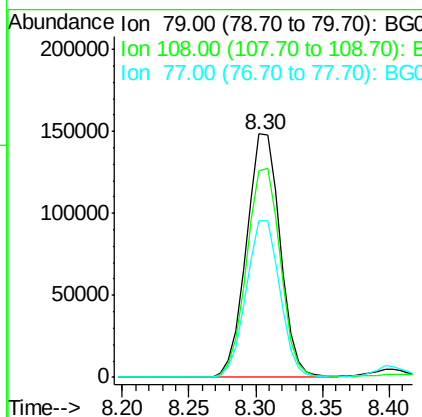
BNA_G

ClientSampleId :

E2-AA6-BAEMS

Manual Integrations
APPROVED

mohammad
3/1/2017 12:38:06 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 31.11 ng

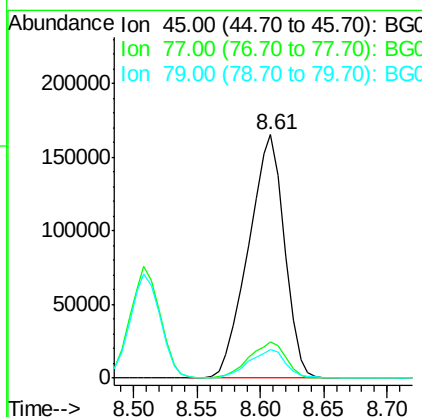
RT: 8.61 min Scan# 897

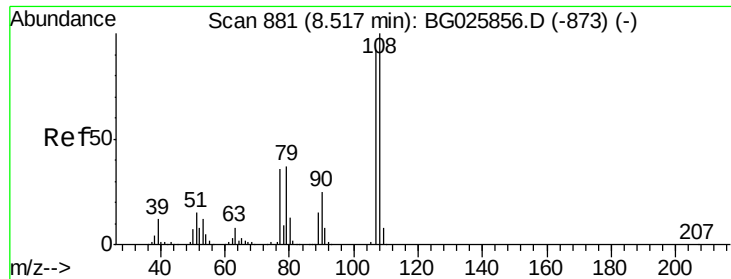
Delta R.T. -0.01 min

Lab File: BG025991.D

Acq: 28 Feb 2017 8:59

Tgt Ion:	45	Resp:	326067
Ion Ratio	Lower	Upper	
45	100		
77	15.1	0.0	30.6
79	11.9	0.0	28.5





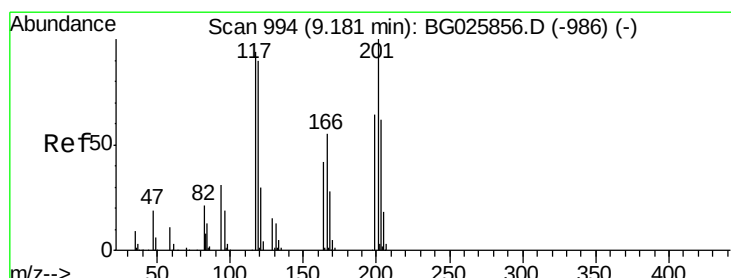
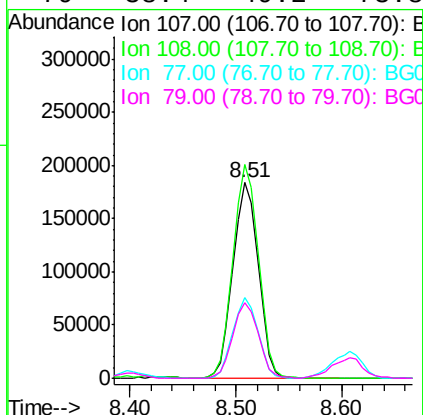
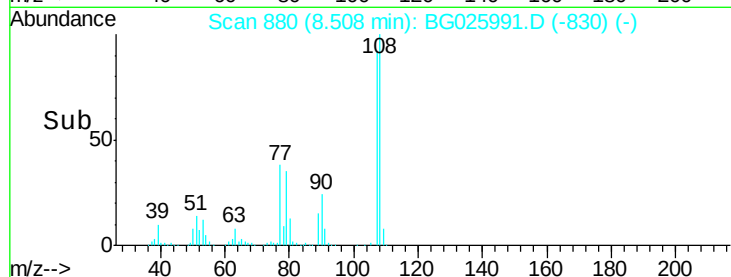
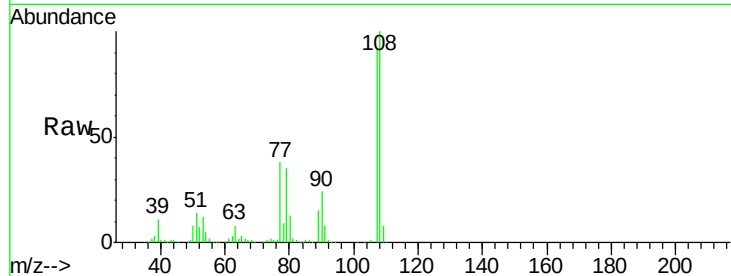
#17
2-Methylphenol
Concen: 48.14 ng
RT: 8.51 min Scan# 880
Delta R.T. -0.01 min
Lab File: BG025991.D
Acq: 28 Feb 2017 8:59

Instrument :
BNA_G
ClientSampleId :
E2-AA6-BASEMS

Tot Ion	Ratio	Resp Lower	Upper
107	100		
108	109.1	85.6	128.4
77	41.1	51.4	77.2#
79	38.4	49.2	73.8#

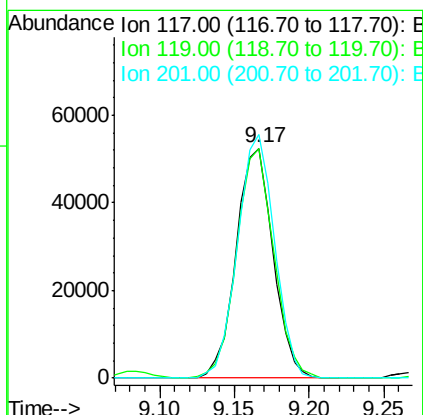
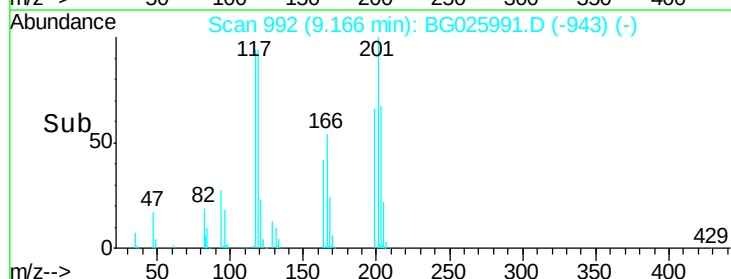
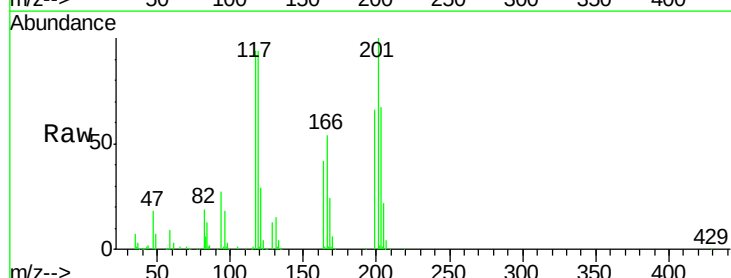
Manual Integrations
APPROVED

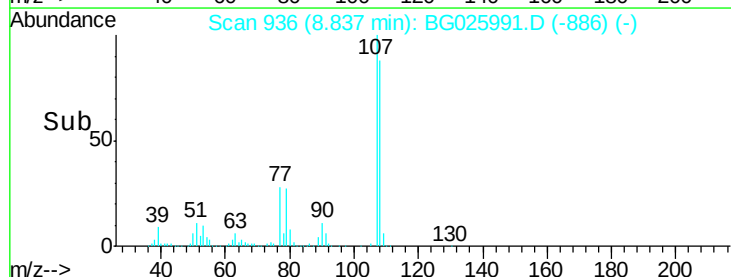
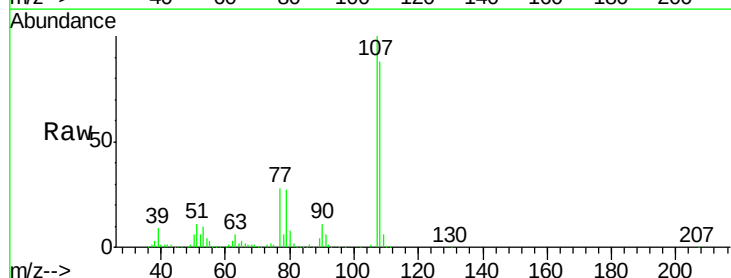
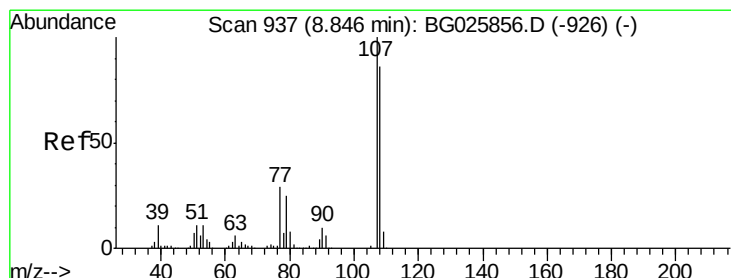
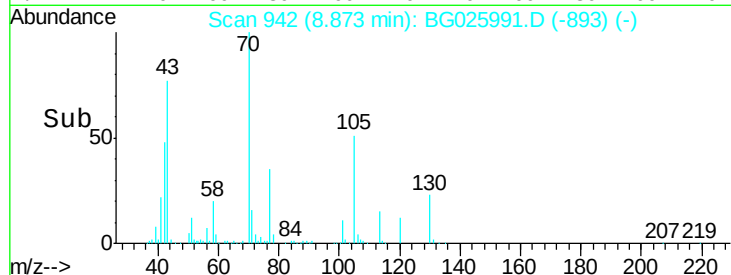
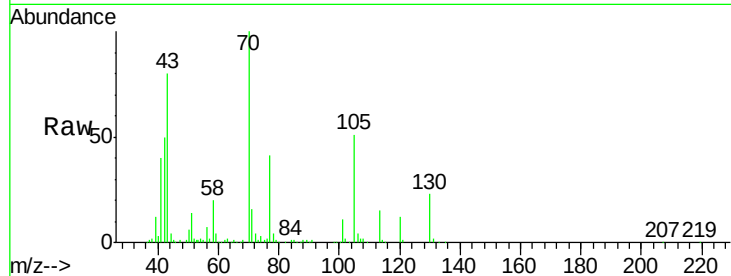
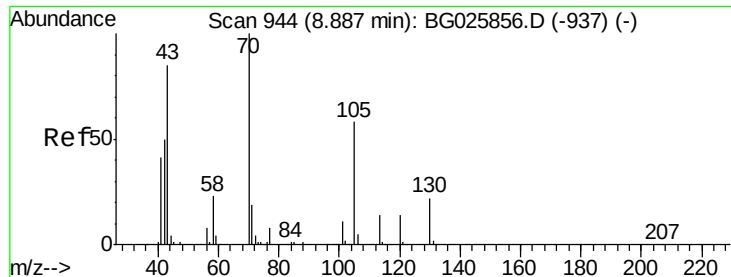
mohammad
3/1/2017 12:38:06 PM



#18
Hexachloroethane
Concen: 35.91 ng
RT: 9.17 min Scan# 992
Delta R.T. -0.01 min
Lab File: BG025991.D
Acq: 28 Feb 2017 8:59

Tgt Ion	Ratio	Resp Lower	Upper
117	100		
119	99.8	69.8	104.6
201	106.0	95.4	143.0





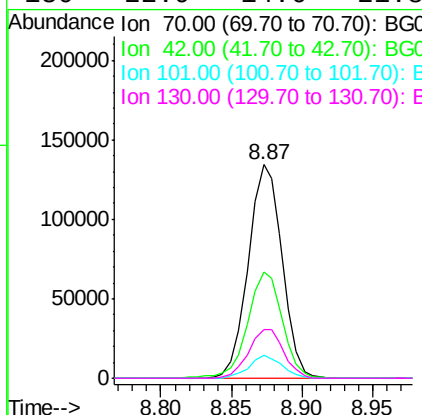
#19
n-Nitroso-di-n-propylamine
Concen: 38.21 ng
RT: 8.87 min Scan# 942
Delta R.T. -0.01 min
Lab File: BG025991.D
Acq: 28 Feb 2017 8:59

Instrument :
BNA_G
ClientSampleId :
E2-AA6-BAEMS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	50.0	56.1	84.1#	
101	10.8	7.5	11.3	
130	22.9	14.6	21.8#	

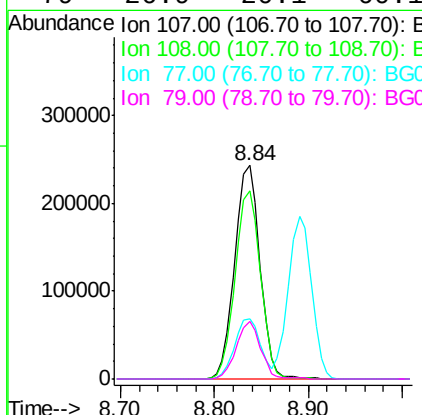
Manual Integrations
APPROVED

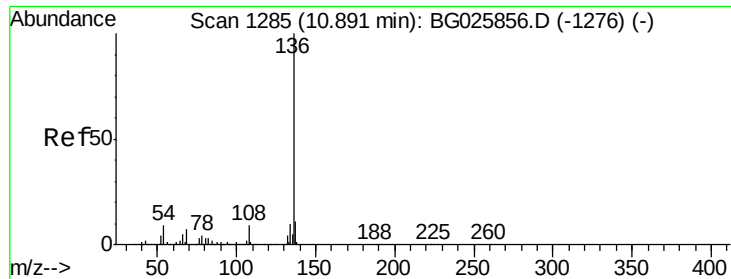
mohammad
3/1/2017 12:38:06 PM



#20
3+4-Methylphenols
Concen: 50.49 ng
RT: 8.84 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG025991.D
Acq: 28 Feb 2017 8:59

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.2	70.8	110.8	
77	28.2	25.8	65.8	
79	26.9	20.1	60.1	





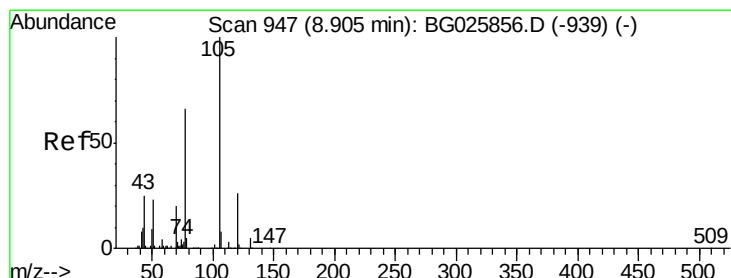
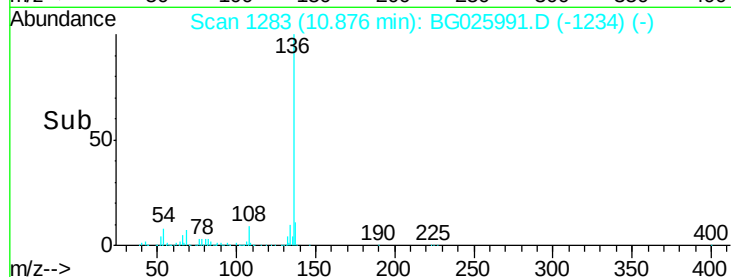
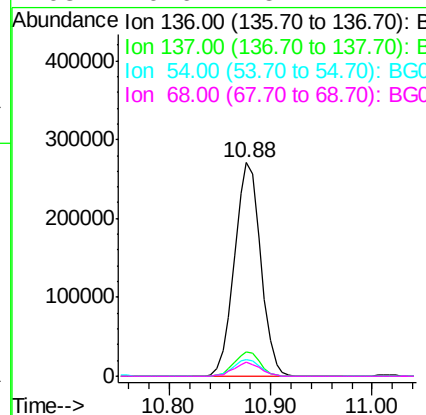
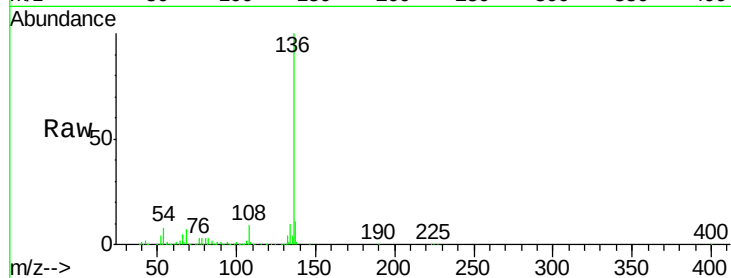
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG025991.D
Acq: 28 Feb 2017 8:59

Instrument :
BNA_G
ClientSampleId :
E2-AA6-BASEMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.4	8.9	13.3		
54	7.9	9.3	13.9		
68	6.6	5.1	7.7		

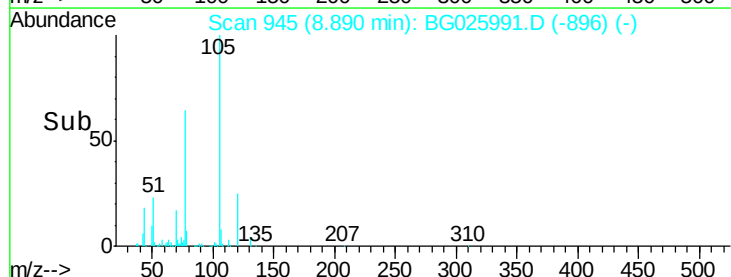
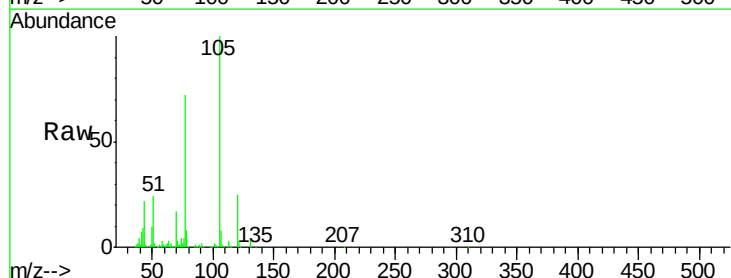
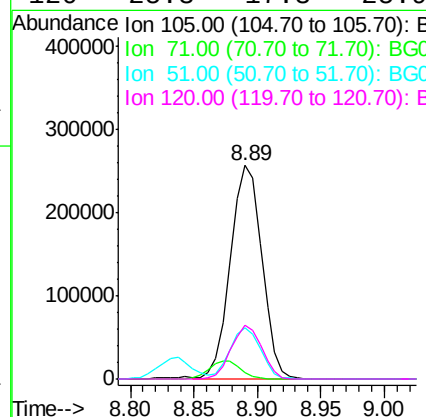
Manual Integrations
APPROVED

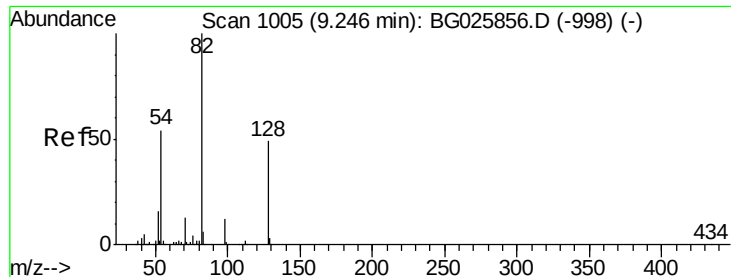
mohammad
3/1/2017 12:38:06 PM



#22
Acetophenone
Concen: 38.05 ng
RT: 8.89 min Scan# 945
Delta R.T. -0.01 min
Lab File: BG025991.D
Acq: 28 Feb 2017 8:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	2.9	0.9	1.3		
51	24.3	34.0	51.0		
120	25.3	17.3	25.9		





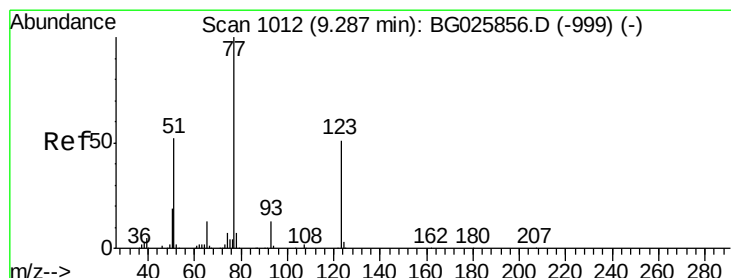
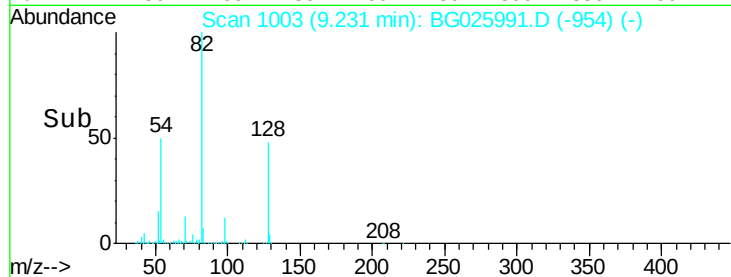
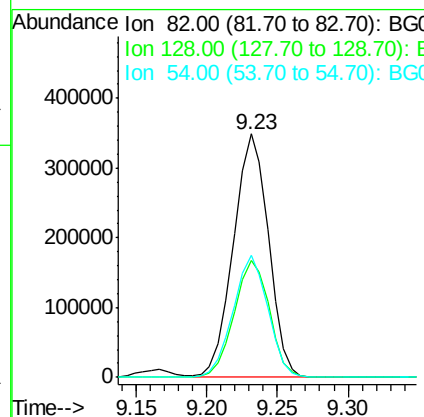
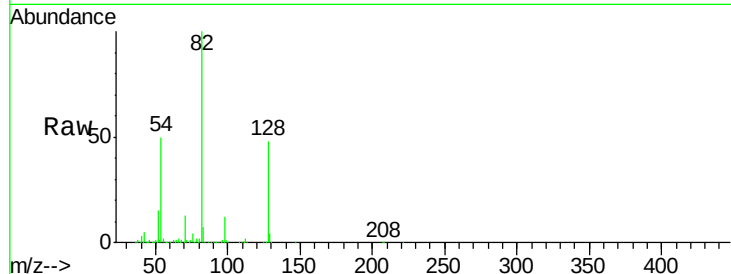
#23
 Nitrobenzene-d5
 Concen: 78.89 ng
 RT: 9.23 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BG025991.D
 Acq: 28 Feb 2017 8:59

Instrument :
 BNA_G
 ClientSampleId :
 E2-AA6-BASEMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.9	26.4	39.6#
54	50.2	49.4	74.2

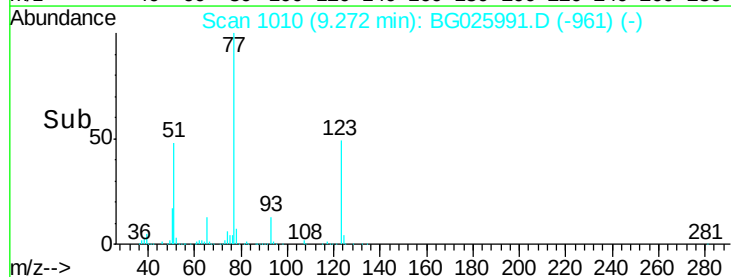
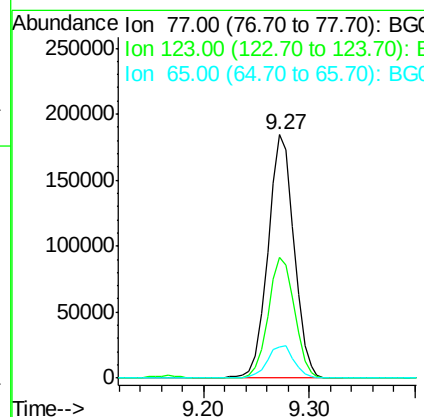
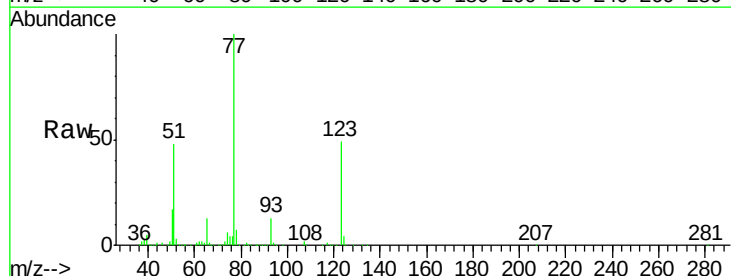
Manual Integrations
 APPROVED

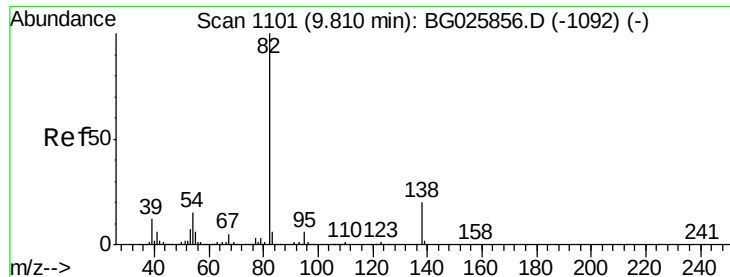
mohammad
 3/1/2017 12:38:06 PM



#24
 Nitrobenzene
 Concen: 37.86 ng
 RT: 9.27 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BG025991.D
 Acq: 28 Feb 2017 8:59

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.4	26.1	39.1#
65	13.0	12.4	18.6





#25

Isophorone

Concen: 39.25 ng

RT: 9.80 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BG025991.D

Acq: 28 Feb 2017 8:59

Instrument :

BNA_G

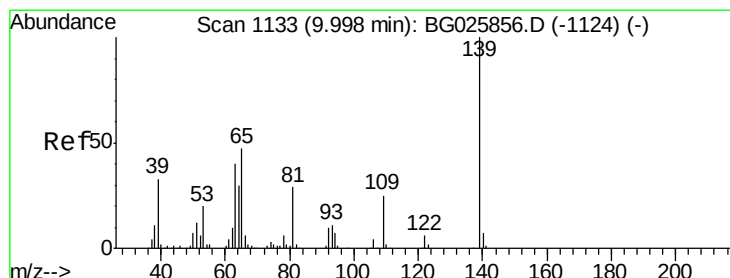
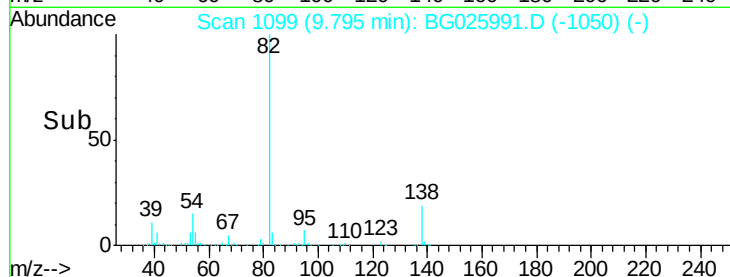
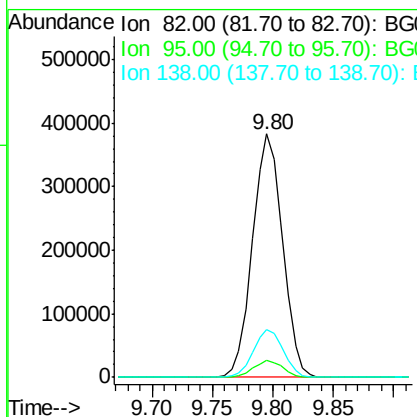
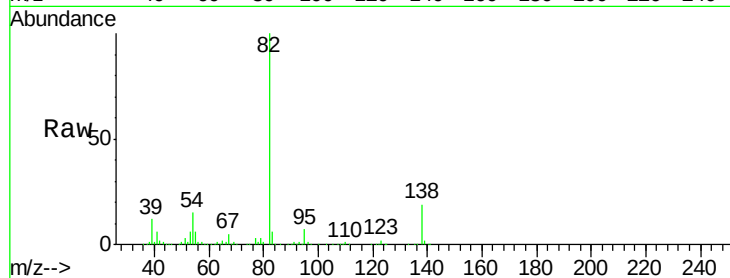
ClientSampleId :

E2-AA6-BASEMS

Tot Ion:	82	Resp:	661969
Ion Ratio		Lower	Upper
82	100		
95	7.1	7.5	11.3#
138	19.4	12.3	18.5#

Manual Integrations
APPROVED

mohammad
3/1/2017 12:38:06 PM



#26

2-Nitrophenol

Concen: 45.32 ng

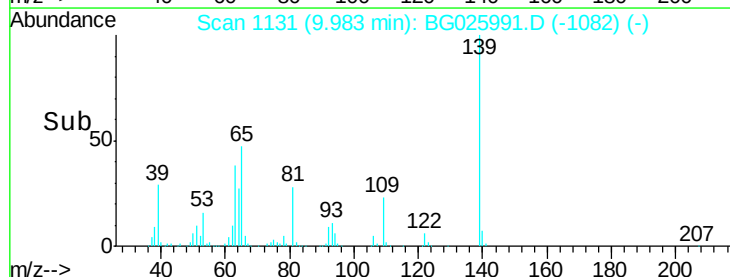
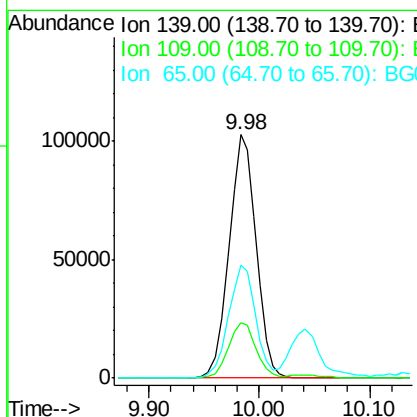
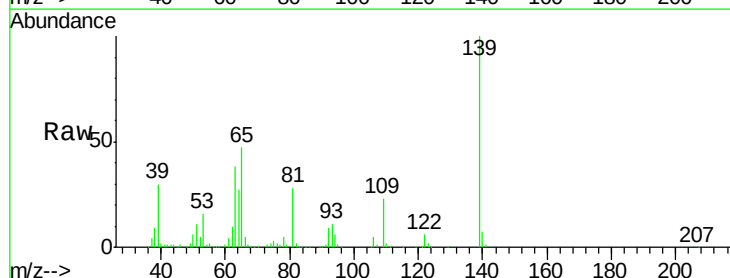
RT: 9.98 min Scan# 1131

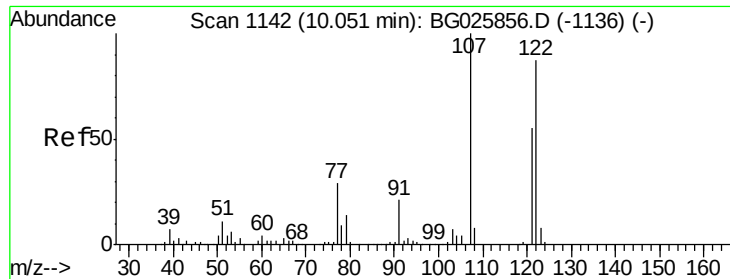
Delta R.T. -0.01 min

Lab File: BG025991.D

Acq: 28 Feb 2017 8:59

Tgt Ion:	139	Resp:	175619
Ion Ratio		Lower	Upper
139	100		
109	22.6	38.6	58.0#
65	46.6	57.1	85.7#





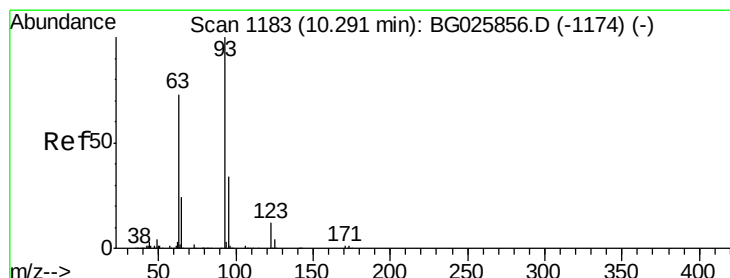
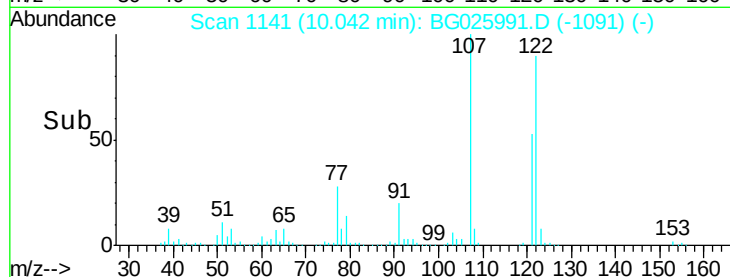
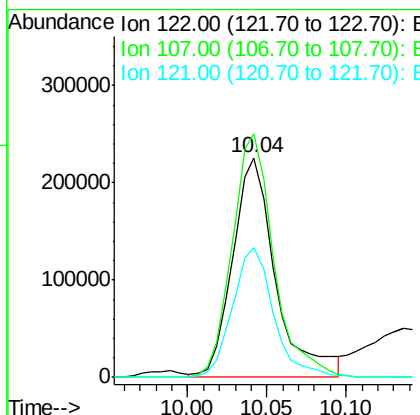
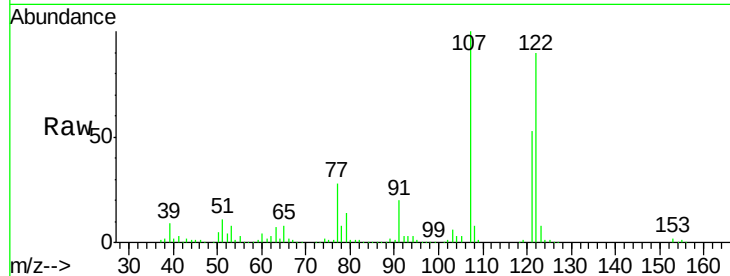
#27
 2,4-Dimethylphenol
 Concen: 58.44 ng
 RT: 10.04 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BG025991.D
 Acq: 28 Feb 2017 8:59

Instrument :
 BNA_G
 ClientSampleId :
 E2-AA6-BASEMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	111.0	104.2	156.4		
121	59.4	46.0	69.0		

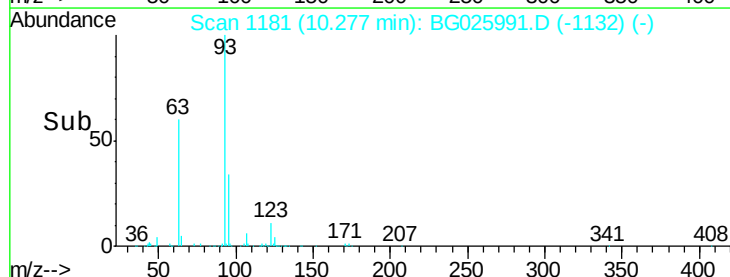
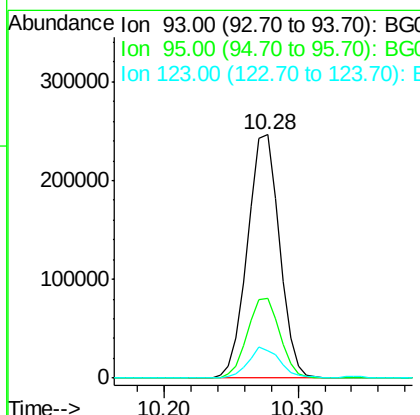
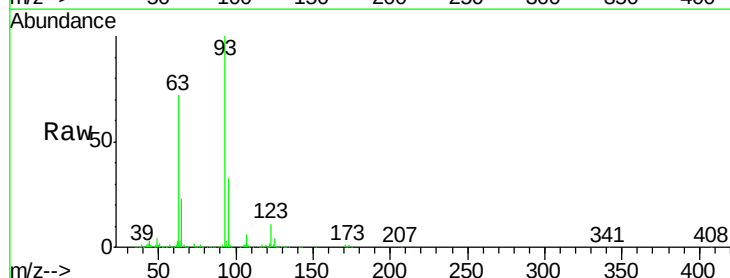
Manual Integrations
 APPROVED

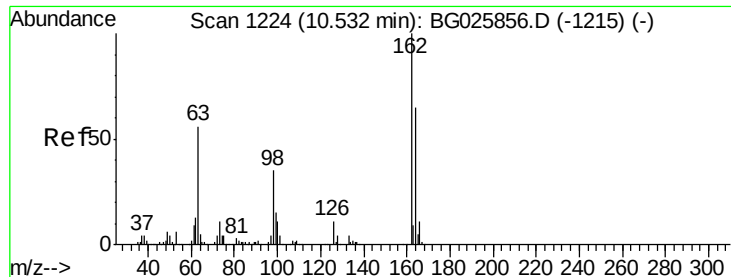
mohammad
 3/1/2017 12:38:06 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.05 ng
 RT: 10.28 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BG025991.D
 Acq: 28 Feb 2017 8:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	32.6	25.7	38.5		
123	11.1	8.3	12.5		





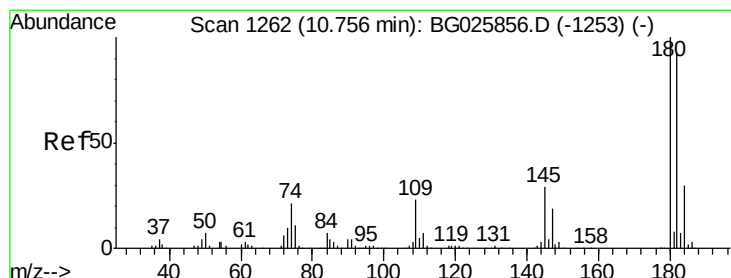
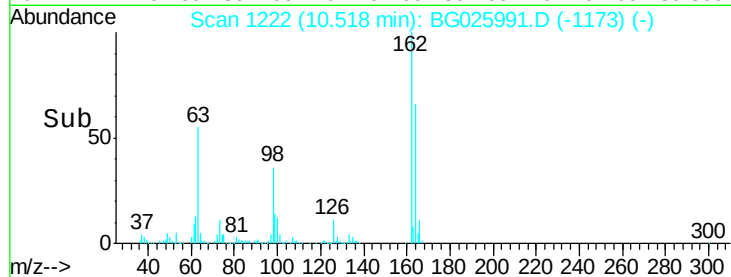
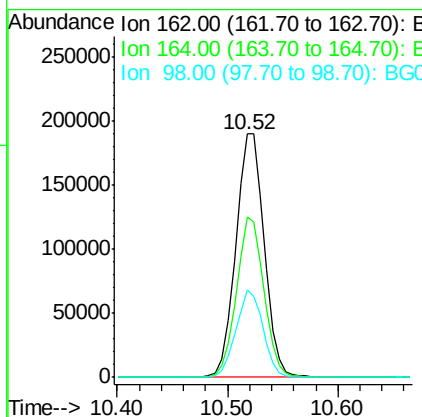
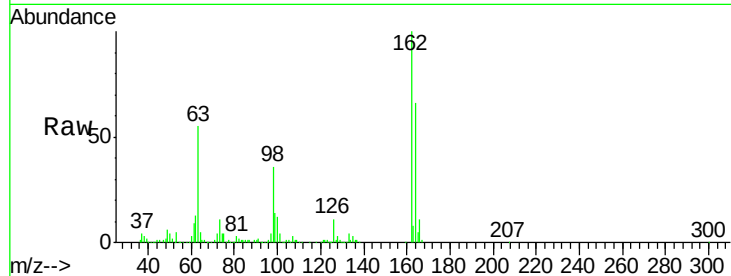
#29
2,4-Dichlorophenol
Concen: 49.63 ng
RT: 10.52 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BG025991.D
Acq: 28 Feb 2017 8:59

Instrument :
BNA_G
ClientSampleId :
E2-AA6-BASEMS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.8	42.4	82.4
98	35.9	20.3	60.3

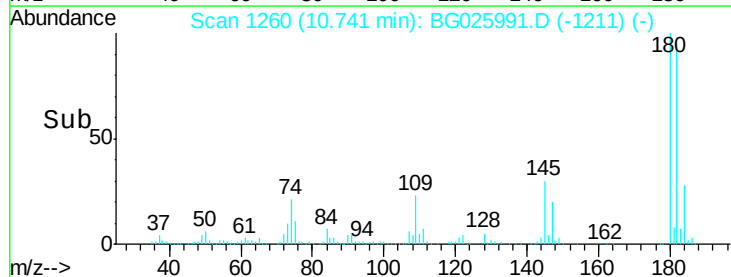
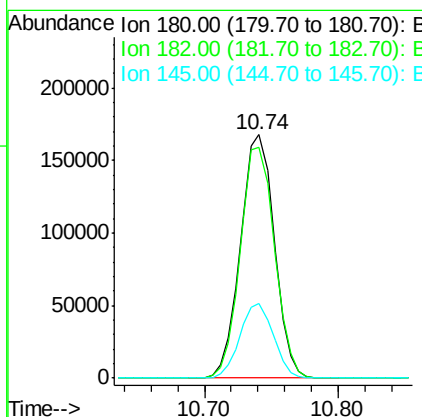
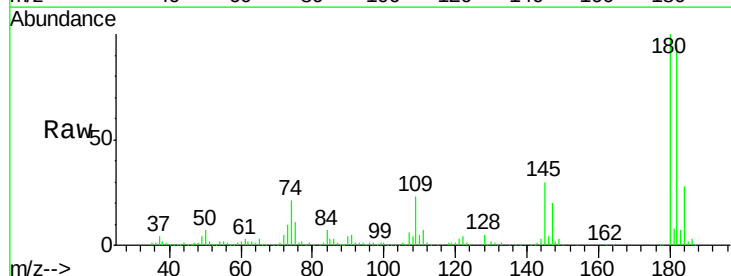
Manual Integrations
APPROVED

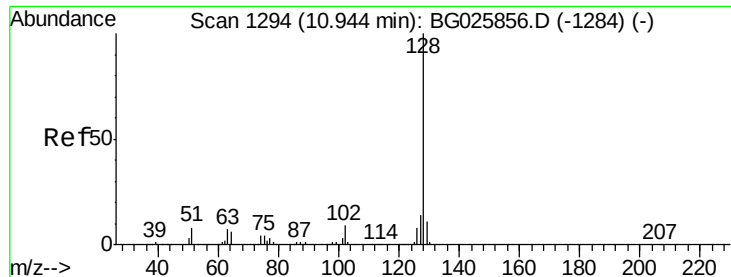
mohammad
3/1/2017 12:38:06 PM



#30
1,2,4-Trichlorobenzene
Concen: 39.06 ng
RT: 10.74 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BG025991.D
Acq: 28 Feb 2017 8:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.9	77.0	115.4
145	30.4	23.4	35.0





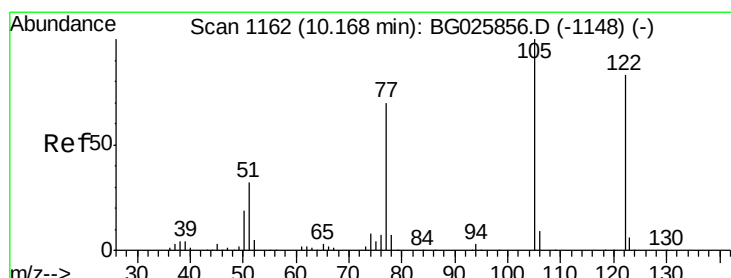
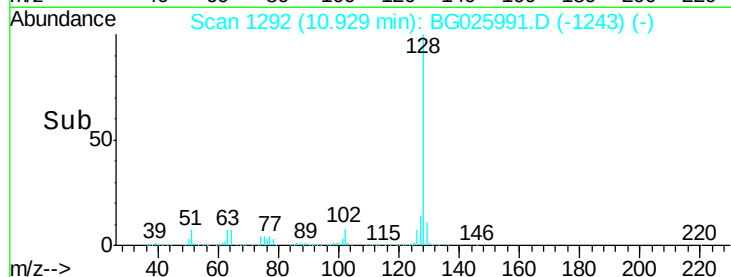
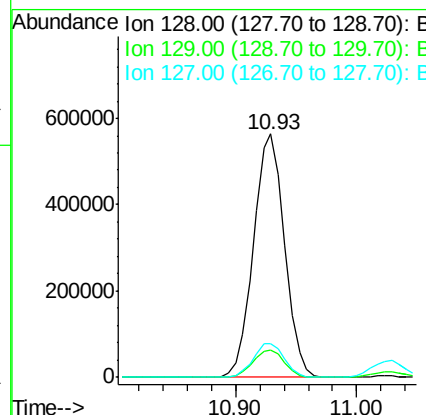
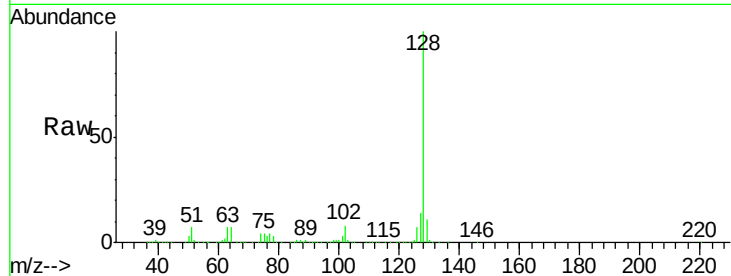
#31
Naphthalene
Concen: 40.26 ng
RT: 10.93 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BG025991.D
Acq: 28 Feb 2017 8:59

Instrument :
BNA_G
ClientSampleId :
E2-AA6-BAEMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.3	13.9
127	14.0	11.4	17.0

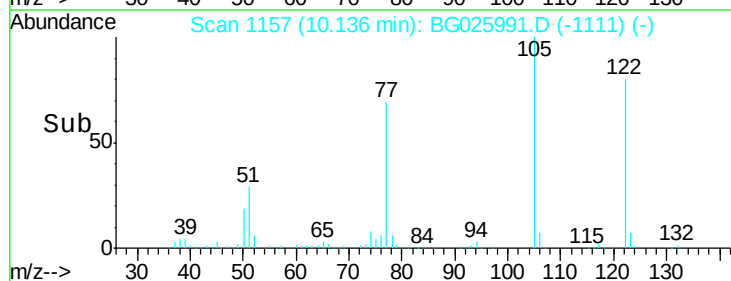
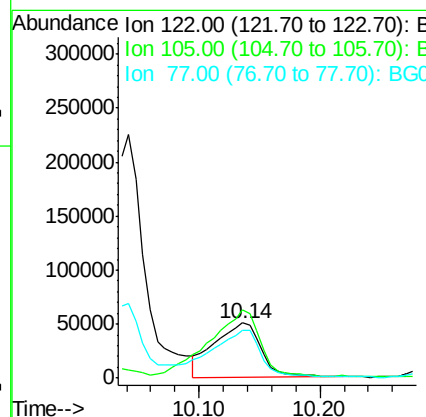
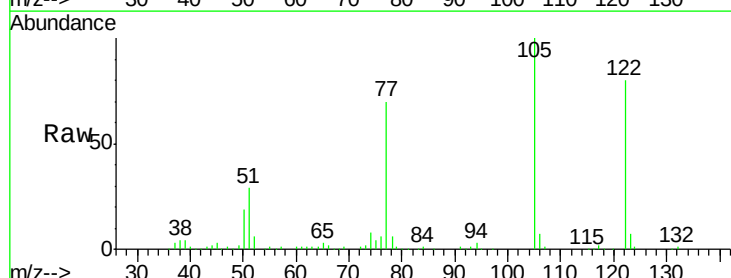
Manual Integrations
APPROVED

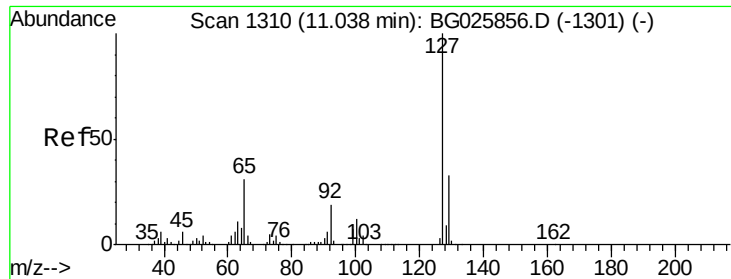
mohammad
3/1/2017 12:38:06 PM



#32
Benzoic acid
Concen: 24.42 ng
RT: 10.14 min Scan# 1157
Delta R.T. -0.03 min
Lab File: BG025991.D
Acq: 28 Feb 2017 8:59

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.6	120.1	160.1
77	86.6	104.6	144.6#





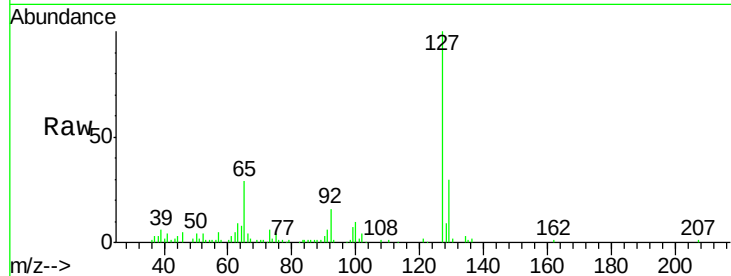
#33
4-Chloroaniline
Concen: 7.11 ng
RT: 11.03 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BG025991.D
Acq: 28 Feb 2017 8:59

Instrument :
BNA_G
ClientSampleId :
E2-AA6-BAEMS

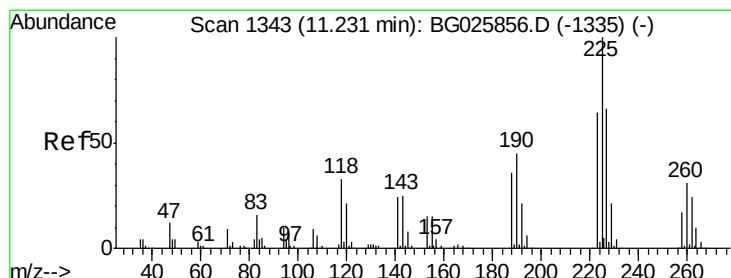
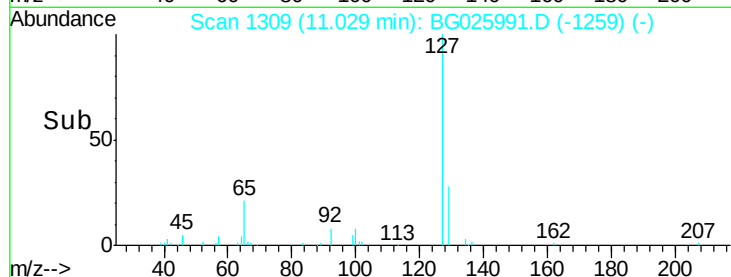
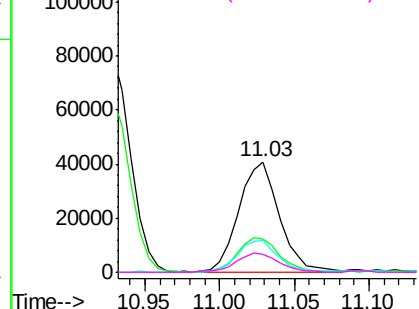
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		77227		
129	29.7	23.6	35.4		
65	29.4	37.7	56.5		
92	16.3	17.6	26.4		

Manual Integrations
APPROVED

mohammad
3/1/2017 12:38:06 PM



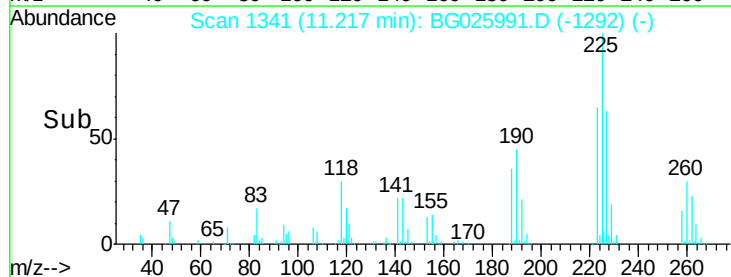
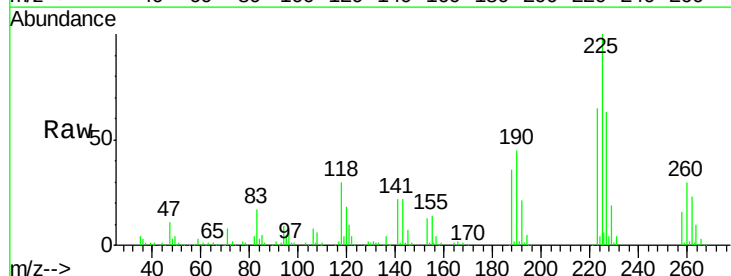
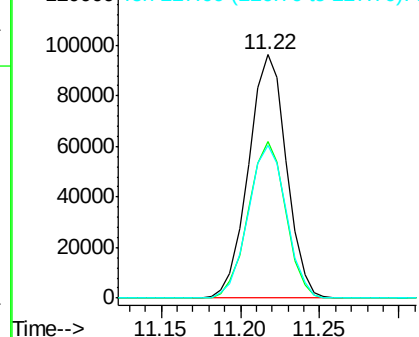
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

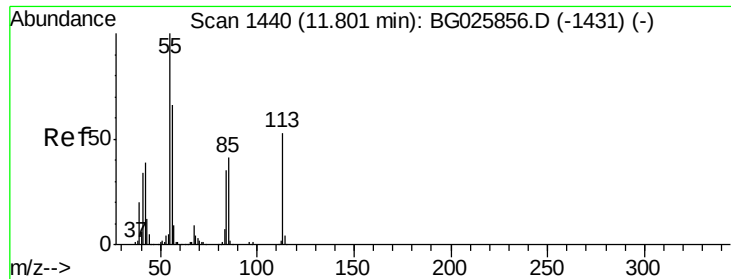


#34
Hexachlorobutadiene
Concen: 37.37 ng
RT: 11.22 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BG025991.D
Acq: 28 Feb 2017 8:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		159652		
223	64.5	50.7	76.1		
227	62.9	49.0	73.6		

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





#35

Caprolactam

Concen: 52.82 ng/ml

RT: 11.79 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BG025991.D

Acq: 28 Feb 2017 8:59

Instrument :

BNA_G

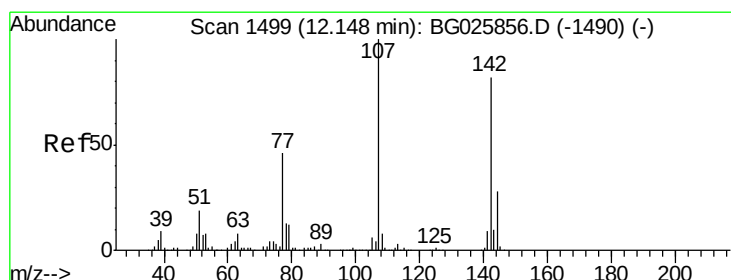
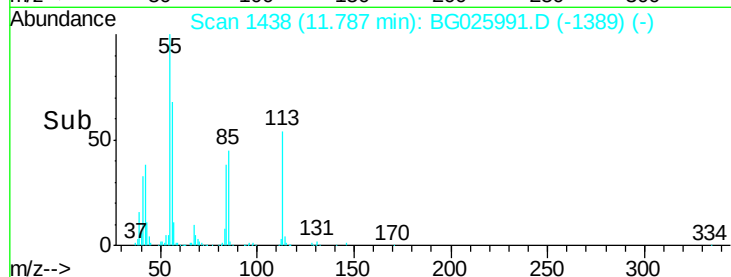
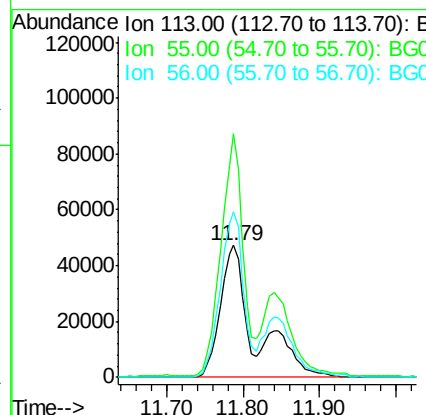
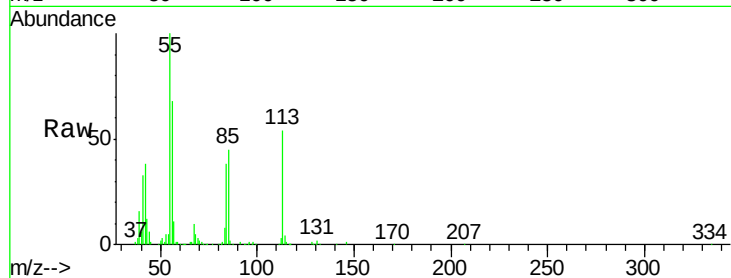
ClientSampleId :

E2-AA6-BASEMS

Tot Ion:	113	Resp:	147234
Ion Ratio	Lower	Upper	
113	100		
55	185.0	198.6	238.6#
56	125.7	140.4	180.4#

Manual Integrations
APPROVED

mohammad
3/1/2017 12:38:06 PM



#36

4-Chloro-3-methylphenol

Concen: 48.73 ng/ml

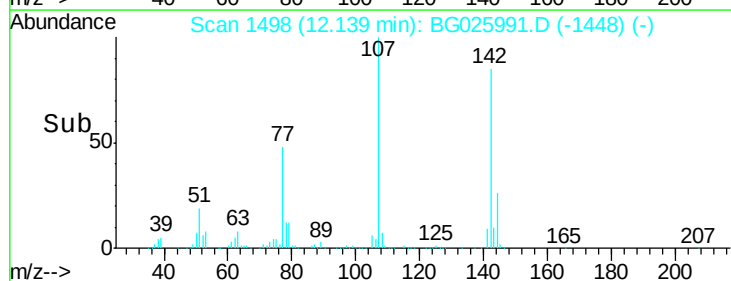
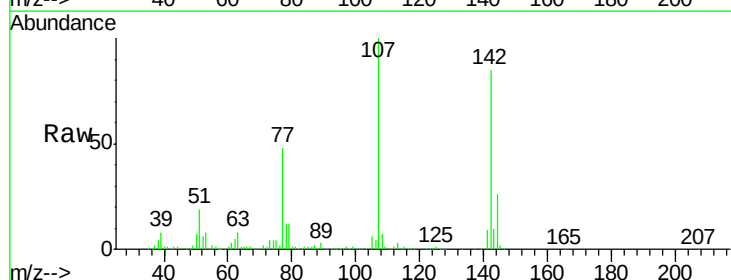
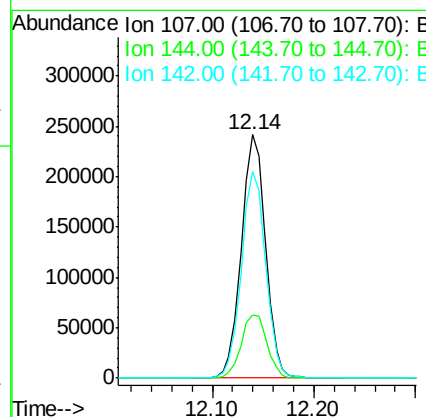
RT: 12.14 min Scan# 1498

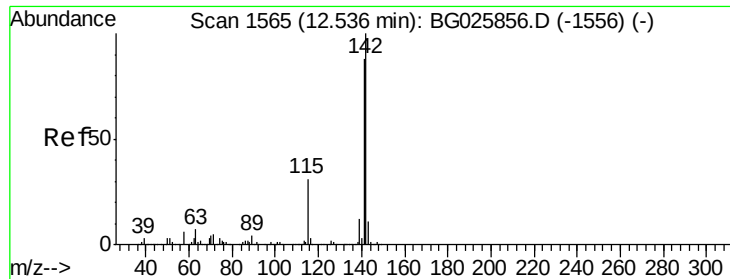
Delta R.T. -0.01 min

Lab File: BG025991.D

Acq: 28 Feb 2017 8:59

Tgt Ion:	107	Resp:	402430
Ion Ratio	Lower	Upper	
107	100		
144	25.9	17.4	26.0
142	84.6	54.1	81.1#





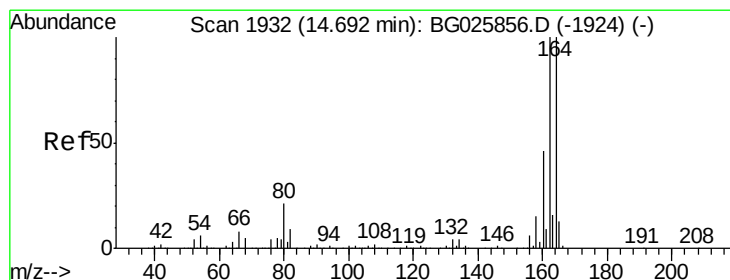
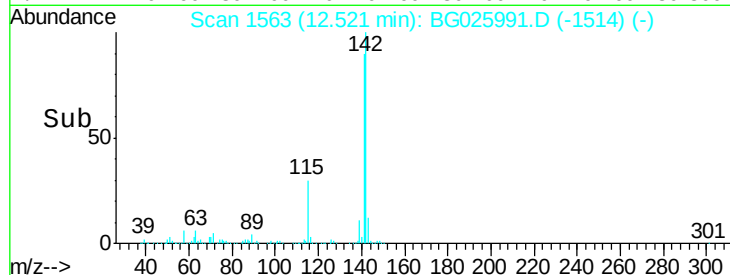
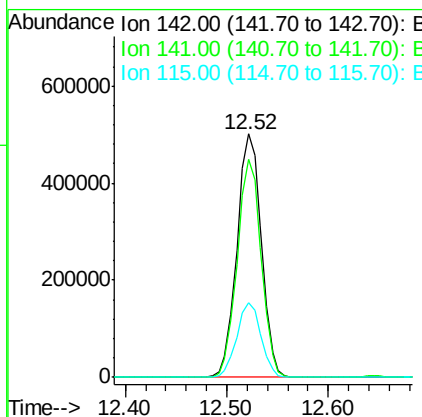
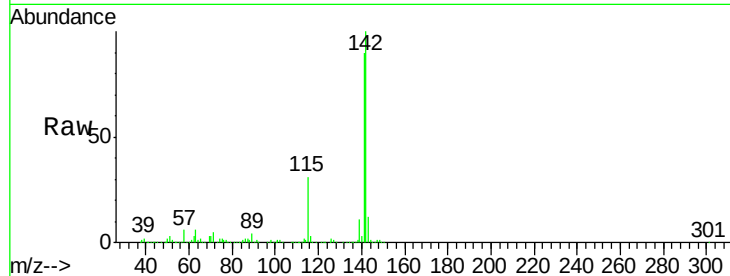
#37
2-Methylnaphthalene
Concen: 43.76 ng
RT: 12.52 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BG025991.D
Acq: 28 Feb 2017 8:59

Instrument :
BNA_G
ClientSampleId :
E2-AA6-BASEMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.4	105.6
115	30.5	35.5	53.3

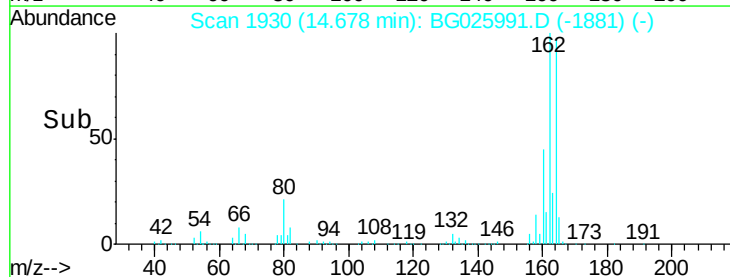
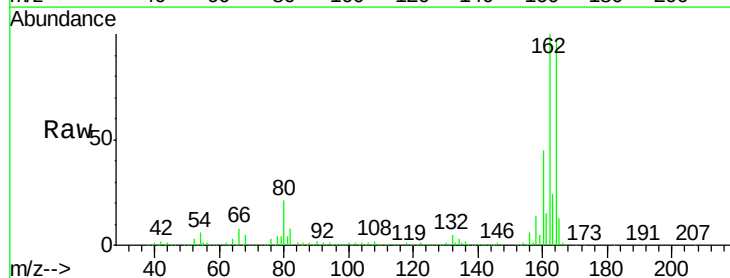
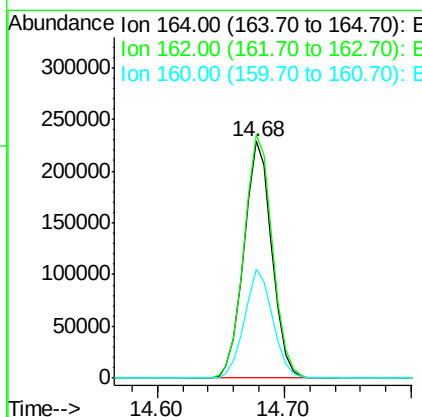
Manual Integrations
APPROVED

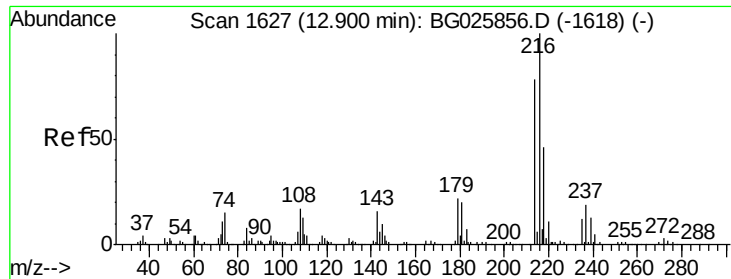
mohammad
3/1/2017 12:38:06 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.68 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BG025991.D
Acq: 28 Feb 2017 8:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	85.1	127.7
160	45.9	34.7	52.1





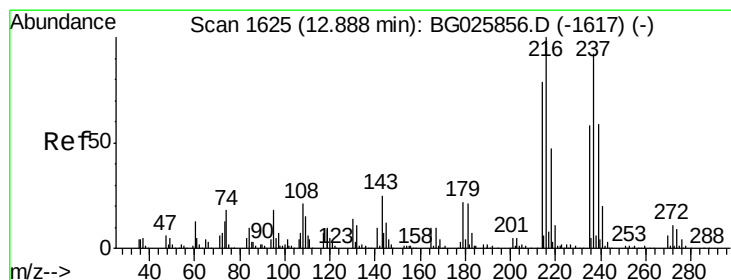
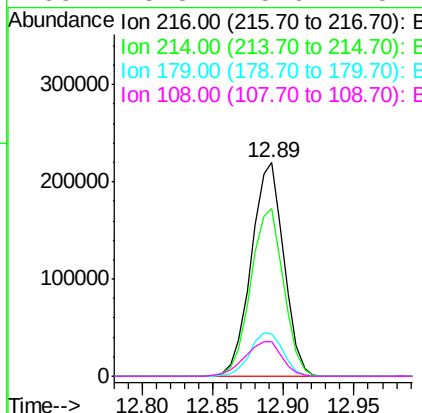
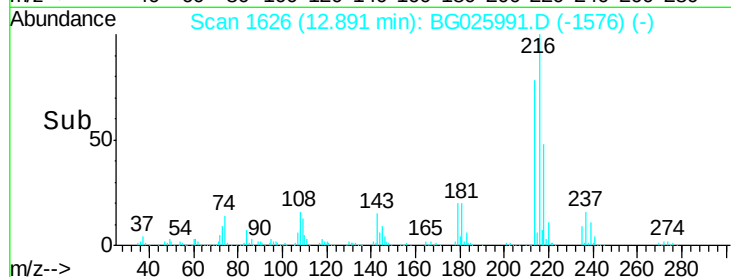
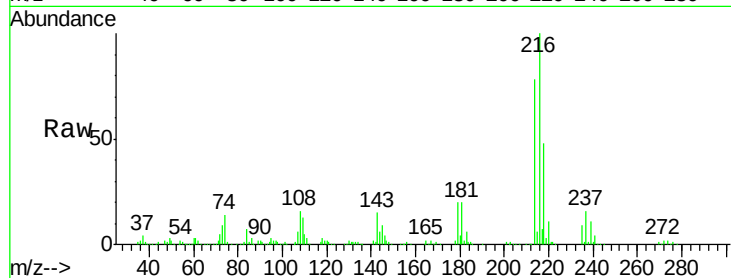
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.78 ng
 RT: 12.89 min Scan# 1626
 Delta R.T. -0.01 min
 Lab File: BG025991.D
 Acq: 28 Feb 2017 8:59

Instrument :
 BNA_G
 ClientSampleId :
 E2-AA6-BAEMS

Tot Ion	Ratio	Lower	Upper
216	100		
214	79.0	64.4	96.6
179	20.6	17.4	26.0
108	18.3	15.6	23.4

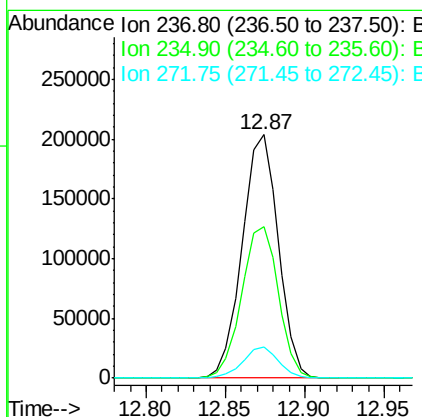
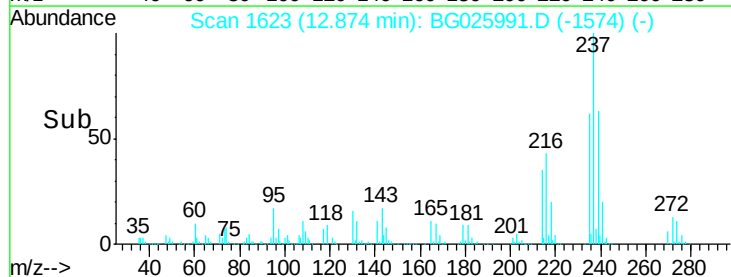
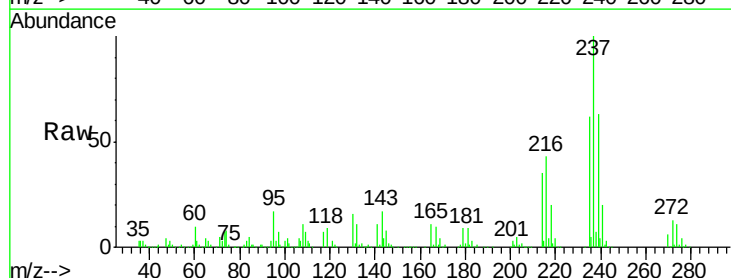
Manual Integrations
 APPROVED

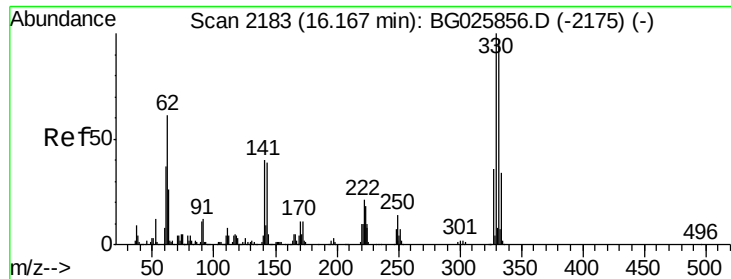
mohammad
 3/1/2017 12:38:06 PM



#40
 Hexachlorocyclopentadiene
 Concen: 67.45 ng
 RT: 12.87 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BG025991.D
 Acq: 28 Feb 2017 8:59

Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.3	39.4	79.4
272	12.7	0.0	32.0





#41

2,4,6-Tribromophenol

Concen: 164.34 ng

RT: 16.16 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG025991.D

Acq: 28 Feb 2017 8:59

Instrument :

BNA_G

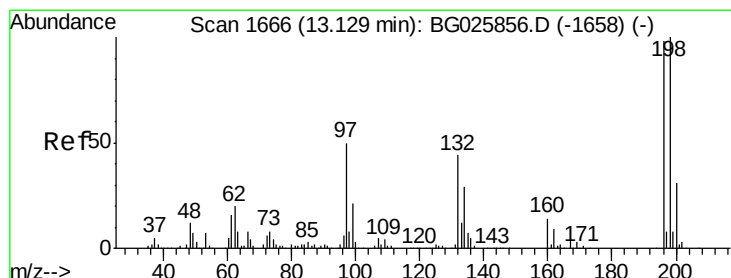
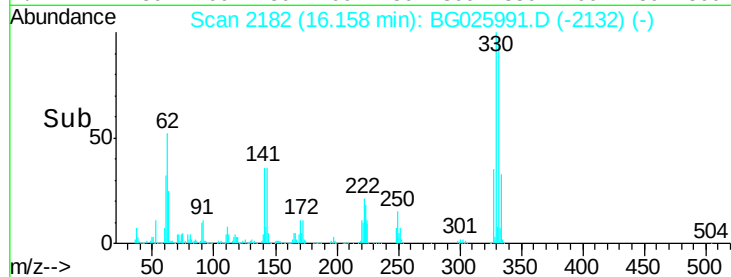
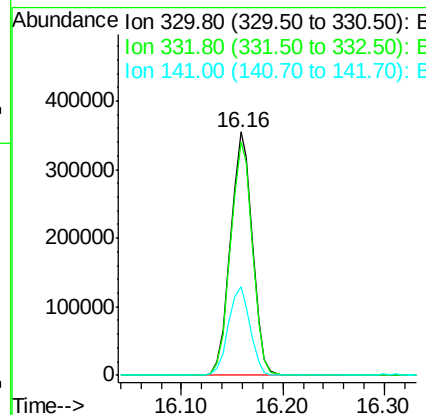
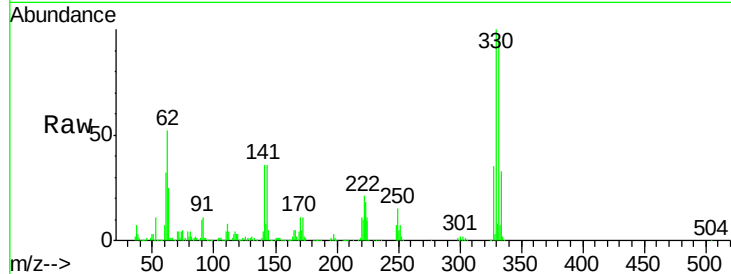
ClientSampleId :

E2-AA6-BASEMS

Tot Ion:	330	Resp:	528734
Ion Ratio	Lower	Upper	
330	100		
332	96.4	77.3	115.9
141	36.2	32.1	48.1

Manual Integrations
APPROVED

mohammad
3/1/2017 12:38:06 PM



#42

2,4,6-Trichlorophenol

Concen: 52.84 ng

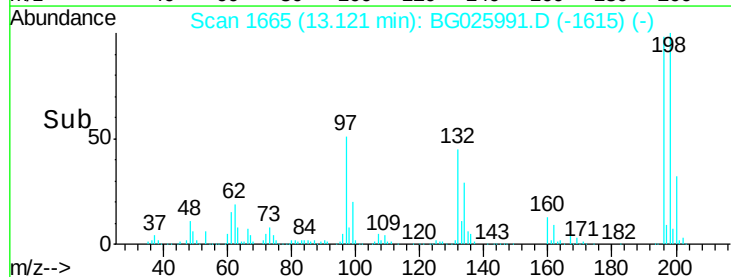
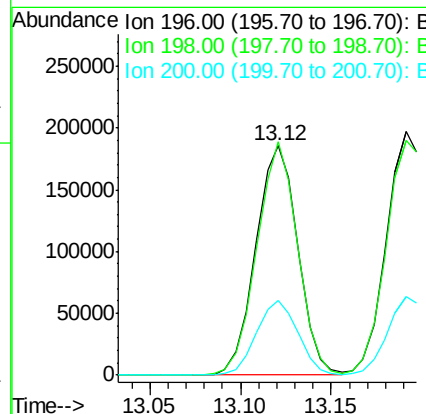
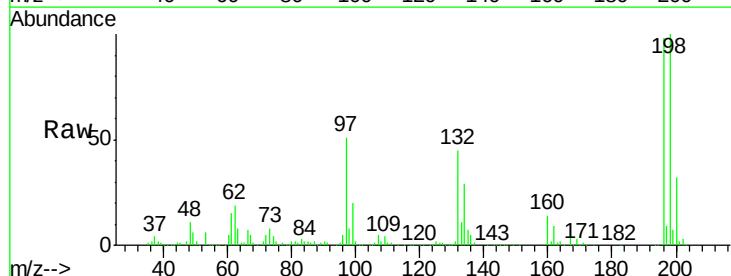
RT: 13.12 min Scan# 1665

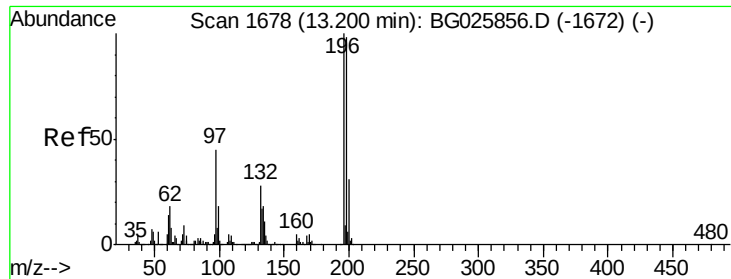
Delta R.T. -0.01 min

Lab File: BG025991.D

Acq: 28 Feb 2017 8:59

Tgt Ion:	196	Resp:	297846
Ion Ratio	Lower	Upper	
196	100		
198	101.7	81.4	122.2
200	32.7	27.0	40.6





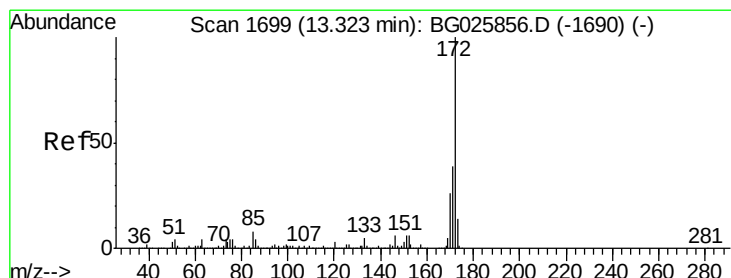
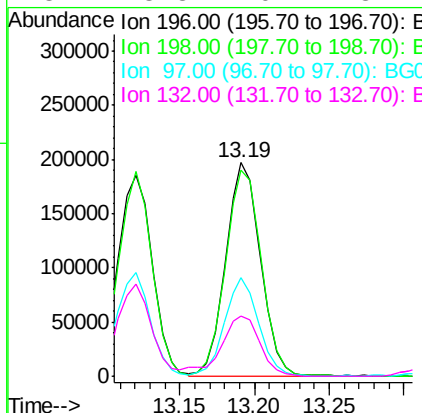
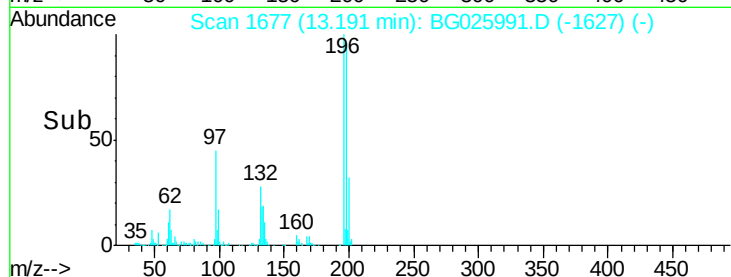
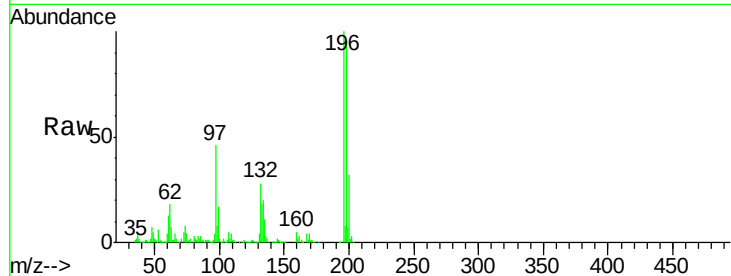
#43
 2,4,5-Trichlorophenol
 Concen: 50.03 ng
 RT: 13.19 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BG025991.D
 Acq: 28 Feb 2017 8:59

Instrument :
 BNA_G
 ClientSampleId :
 E2-AA6-BASEMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		320144		
198	96.3	79.9	119.9		
97	46.3	45.4	68.0		
132	28.3	20.7	31.1		

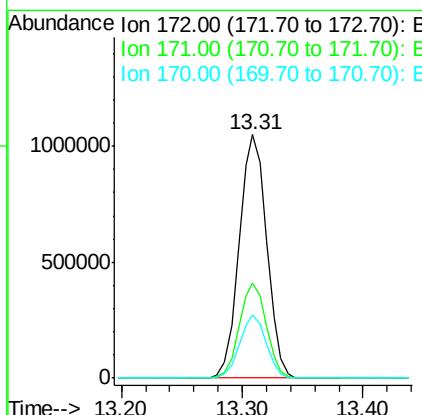
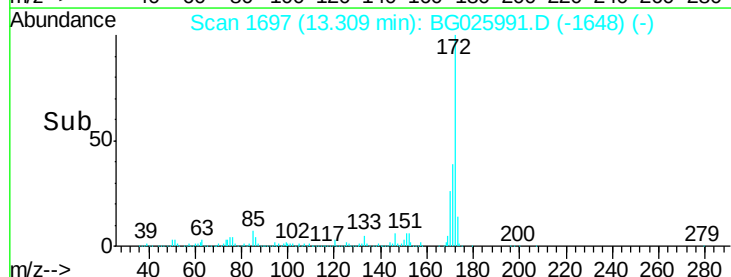
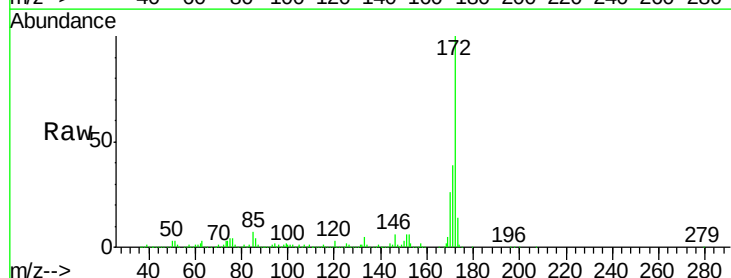
Manual Integrations
 APPROVED

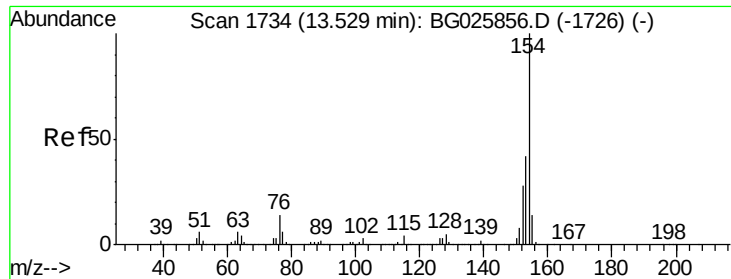
mohammad
 3/1/2017 12:38:06 PM



#44
 2-Fluorobiphenyl
 Concen: 83.46 ng
 RT: 13.31 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG025991.D
 Acq: 28 Feb 2017 8:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1663193		
171	39.3	32.2	48.2		
170	25.7	21.8	32.6		





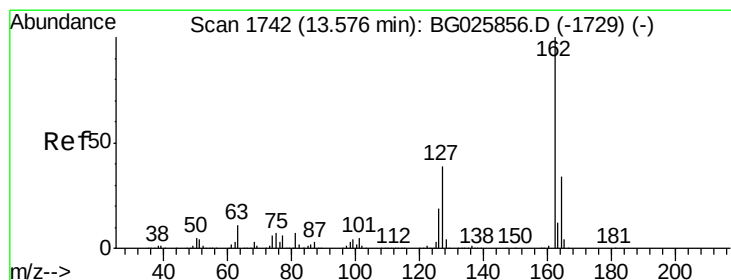
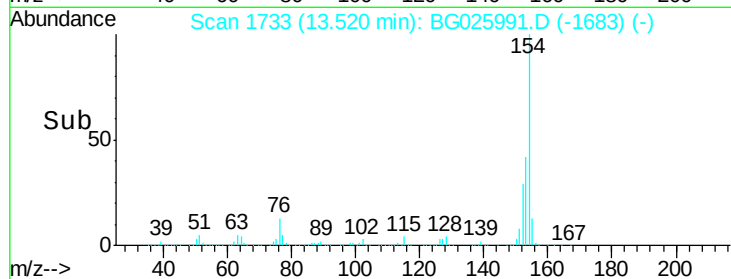
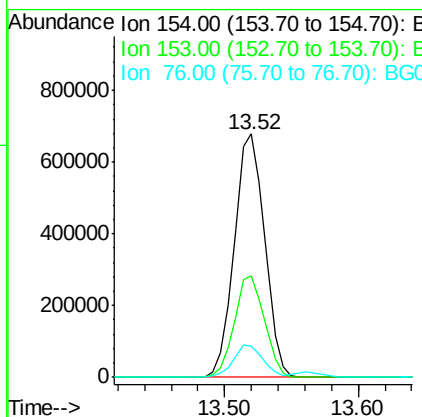
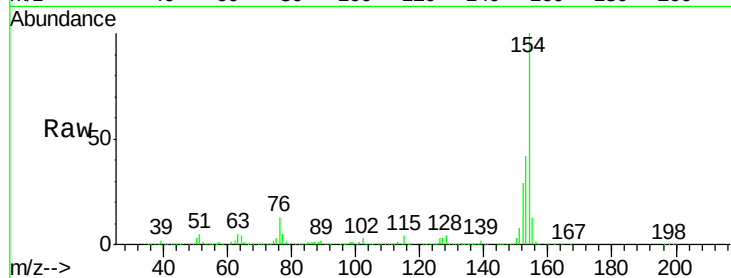
#45
 1,1'-Biphenyl
 Concen: 42.36 ng
 RT: 13.52 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG025991.D
 Acq: 28 Feb 2017 8:59

Instrument :
 BNA_G
 ClientSampleId :
 E2-AA6-BASEMS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.9	23.0	63.0
76	12.9	0.0	33.5

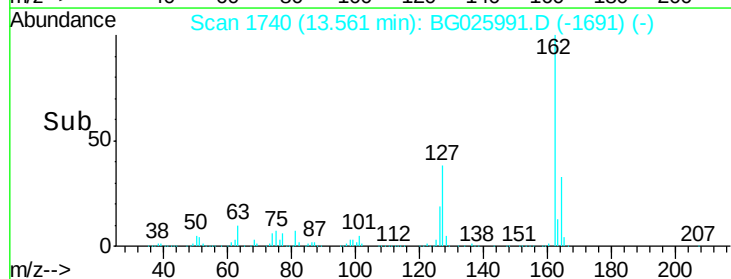
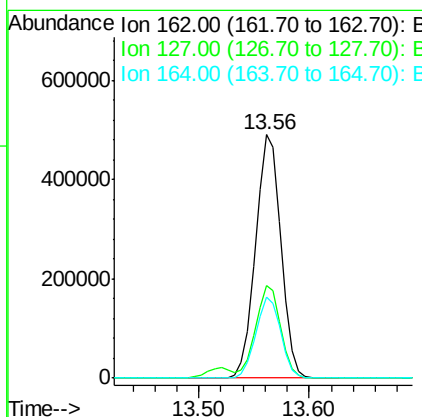
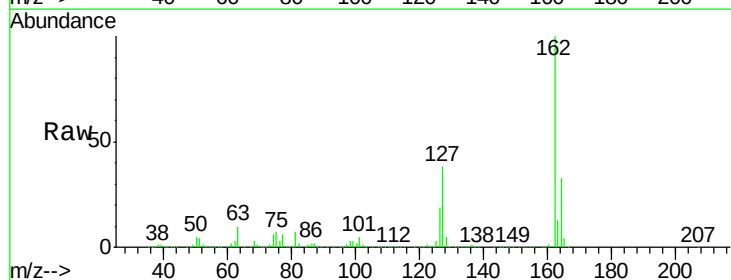
Manual Integrations
 APPROVED

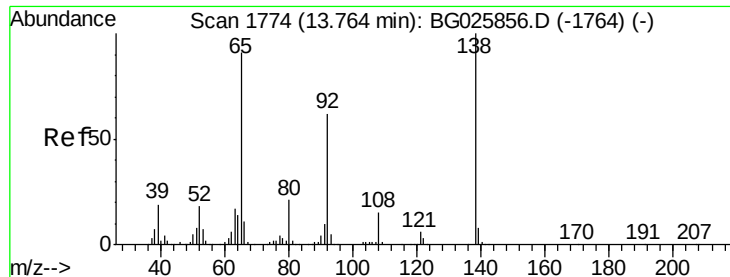
mohammad
 3/1/2017 12:38:06 PM



#46
 2-Chloronaphthalene
 Concen: 43.36 ng
 RT: 13.56 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG025991.D
 Acq: 28 Feb 2017 8:59

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.1	32.2	48.4
164	33.3	27.3	40.9





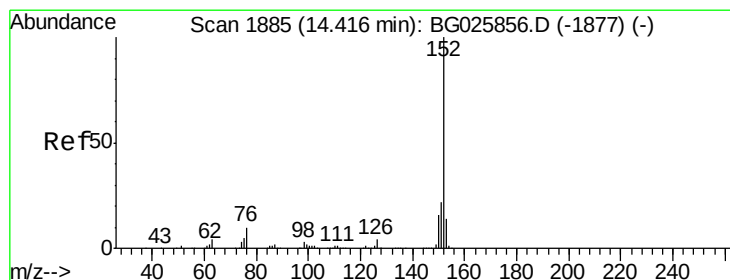
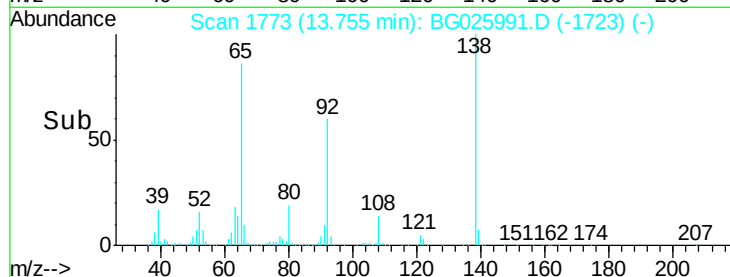
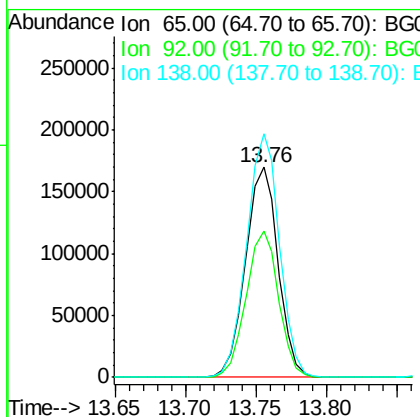
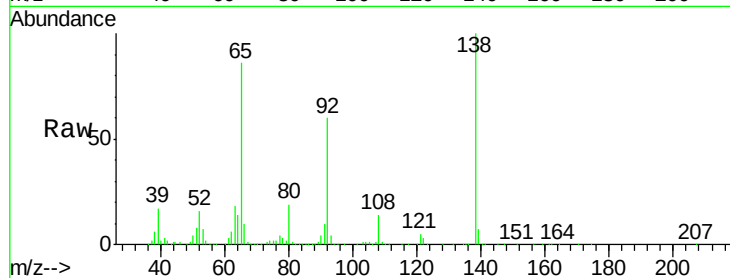
#47
2-Nitroaniline
Concen: 47.55 ng
RT: 13.76 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG025991.D
Acq: 28 Feb 2017 8:59

Instrument :
BNA_G
ClientSampleId :
E2-AA6-BASEMS

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.4	49.0	73.4
138	116.0	58.6	87.8

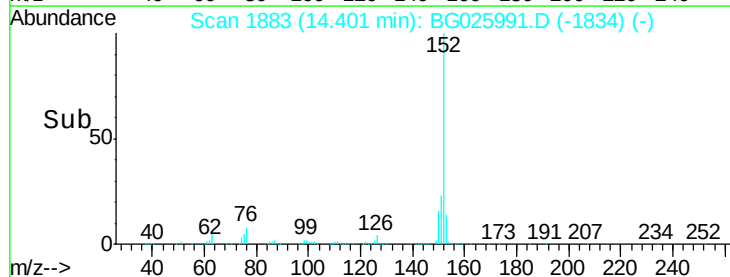
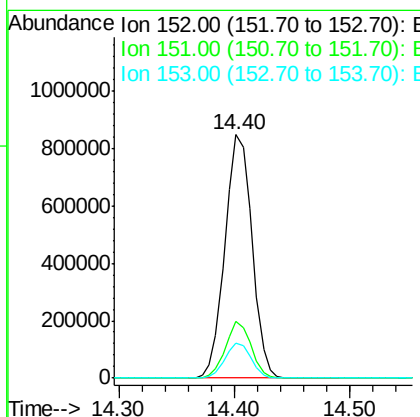
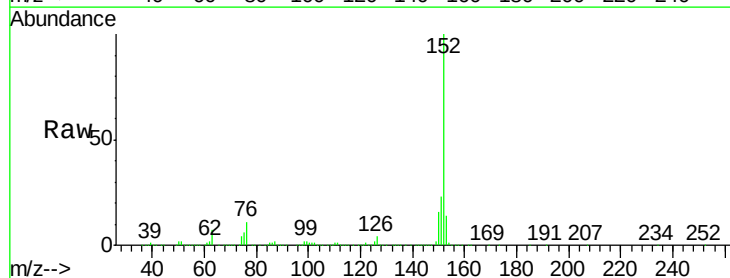
Manual Integrations
APPROVED

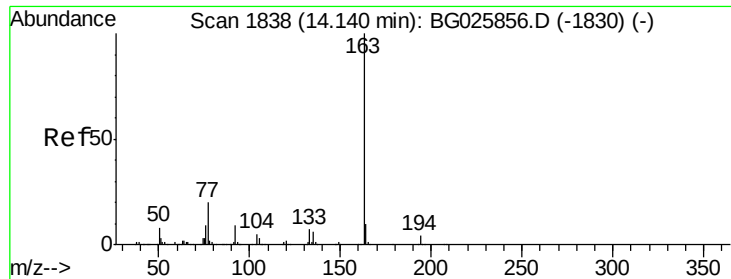
mohammad
3/1/2017 12:38:06 PM



#48
Acenaphthylene
Concen: 42.43 ng
RT: 14.40 min Scan# 1883
Delta R.T. -0.01 min
Lab File: BG025991.D
Acq: 28 Feb 2017 8:59

Tgt Ion	Ratio	Lower	Upper
152	100		
151	23.3	18.2	27.2
153	14.3	11.3	16.9





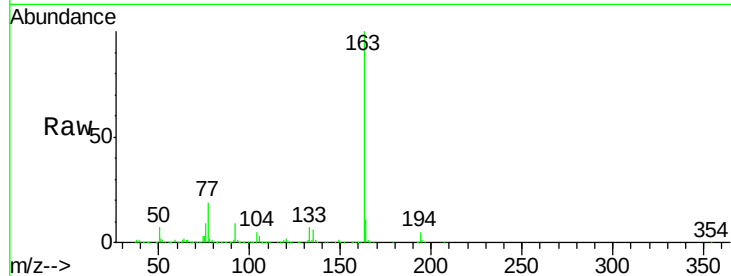
#49
Dimethylphthalate
Concen: 69.78 ng
RT: 14.13 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BG025991.D
Acq: 28 Feb 2017 8:59

Instrument :
BNA_G
ClientSampleId :
E2-AA6-BASEMS

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.8	5.6
164	11.1	9.3	13.9

Manual Integrations
APPROVED

mohammad
3/1/2017 12:38:06 PM

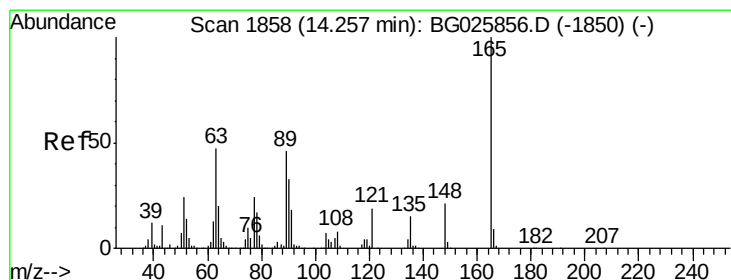
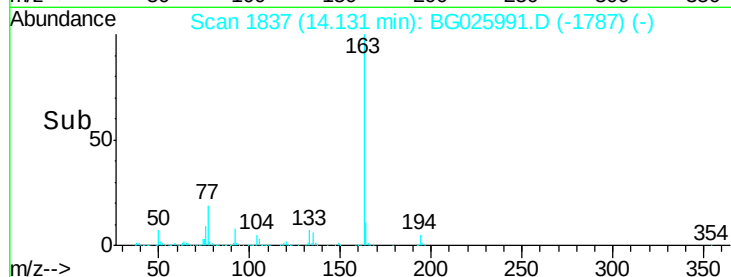
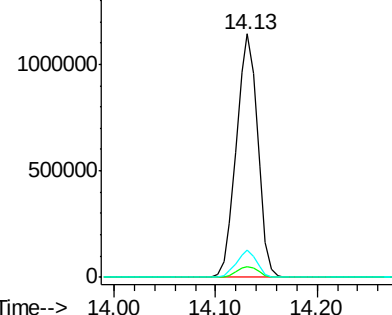


Abundance

Ion 163.00 (162.70 to 163.70): E

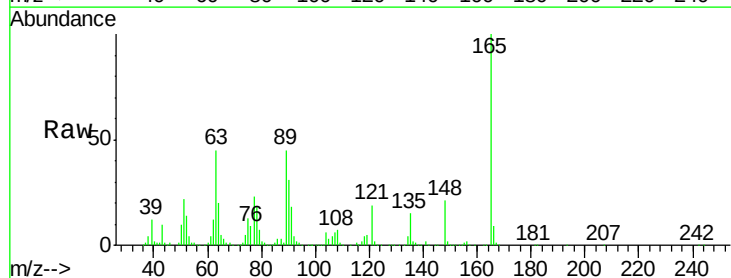
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 48.88 ng
RT: 14.25 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BG025991.D
Acq: 28 Feb 2017 8:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.3	63.9	95.9#
89	45.3	58.6	88.0#

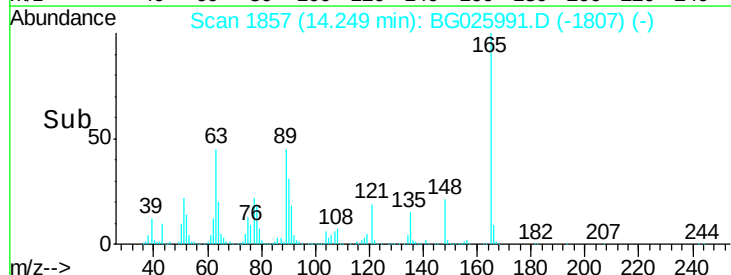
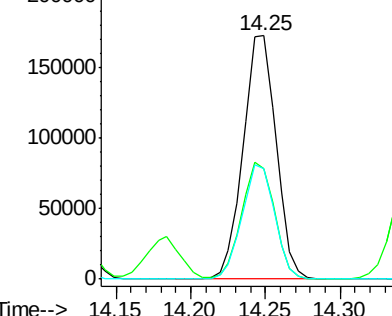


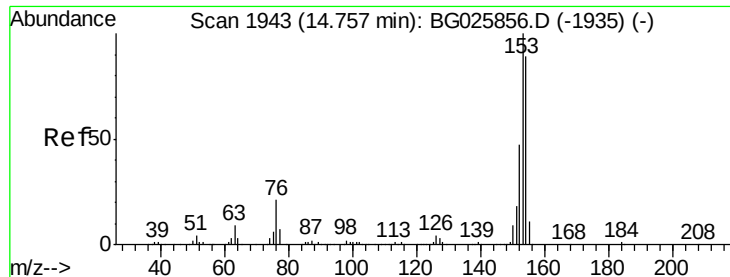
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





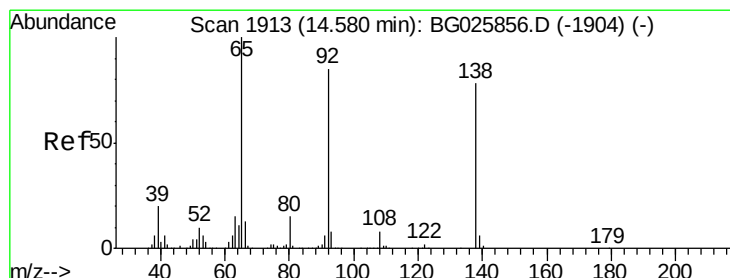
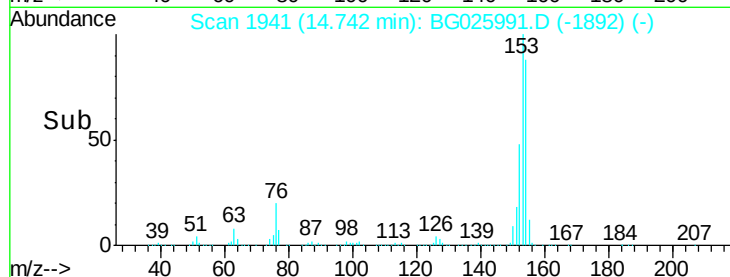
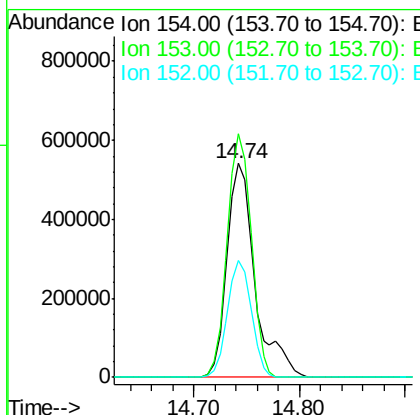
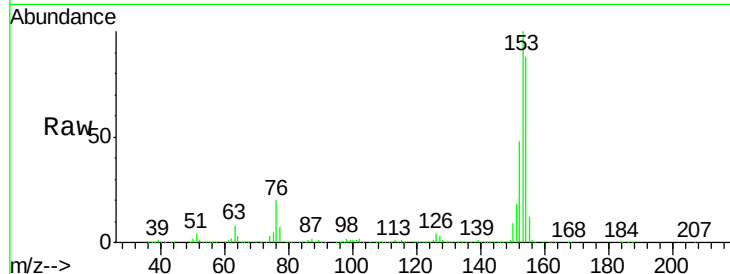
#51
Acenaphthene
Concen: 46.38 ng
RT: 14.74 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BG025991.D
Acq: 28 Feb 2017 8:59

Instrument :
BNA_G
ClientSampleId :
E2-AA6-BASEMS

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.0	87.8	131.6
152	54.8	42.2	63.4

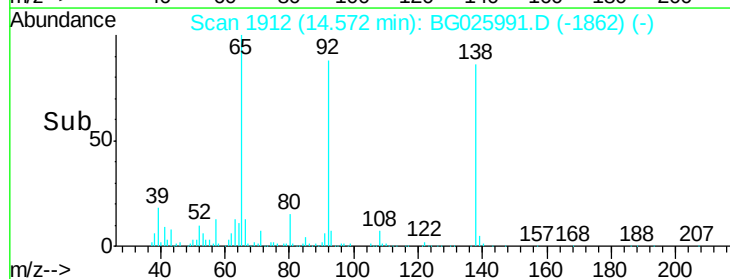
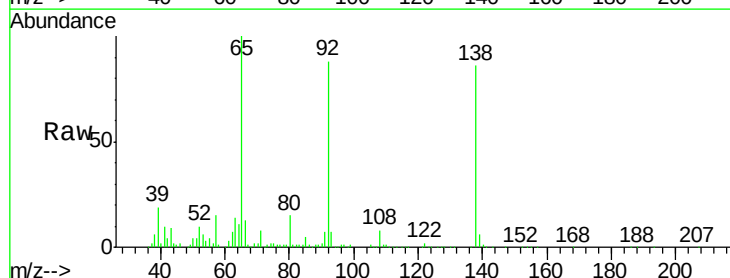
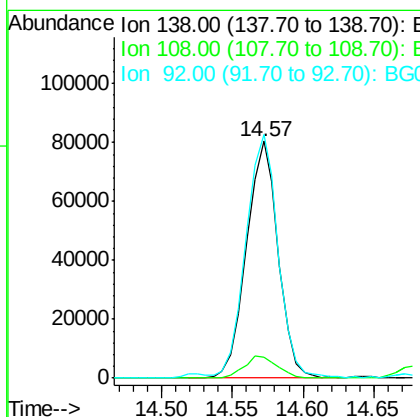
Manual Integrations
APPROVED

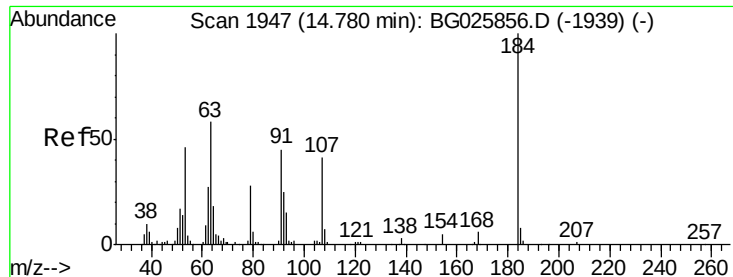
mohammad
3/1/2017 12:38:06 PM



#52
3-Nitroaniline
Concen: 21.06 ng
RT: 14.57 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BG025991.D
Acq: 28 Feb 2017 8:59

Tgt Ion	Ratio	Lower	Upper
138	100		
108	8.9	10.9	16.3#
92	102.7	115.3	172.9#





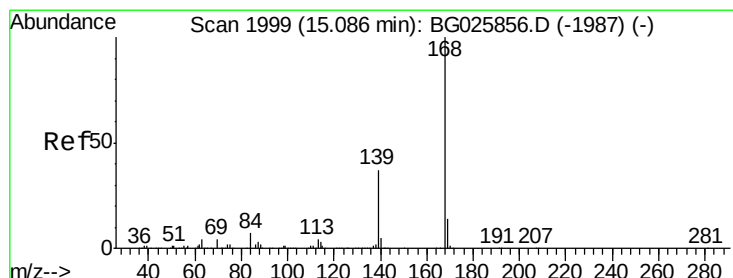
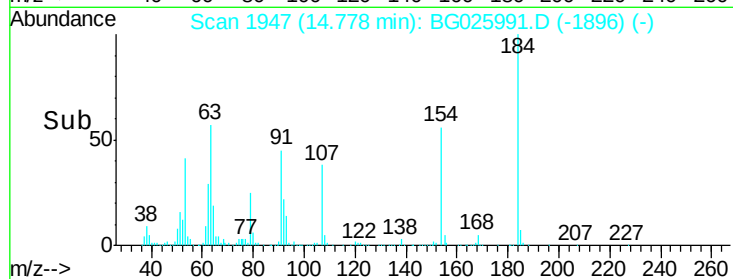
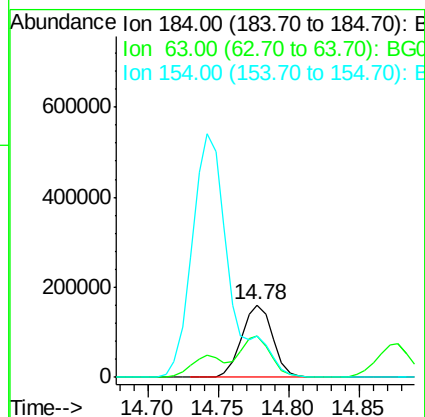
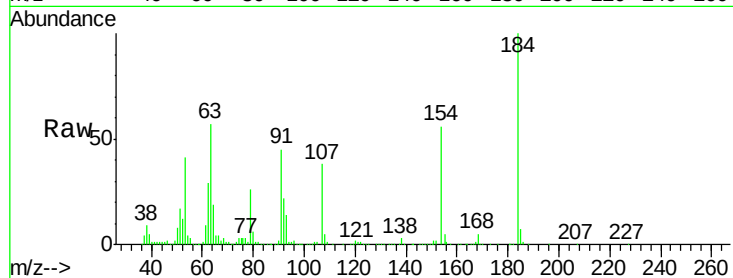
#53
2,4-Dinitrophenol
Concen: 88.57 ng
RT: 14.78 min Scan# 1947
Delta R.T. -0.00 min
Lab File: BG025991.D
Acq: 28 Feb 2017 8:59

Instrument :
BNA_G
ClientSampleId :
E2-AA6-BAEMS

Tot Ion	Ratio	Lower	Upper
184	100		
63	56.7	52.7	79.1
154	56.2	57.3	85.9

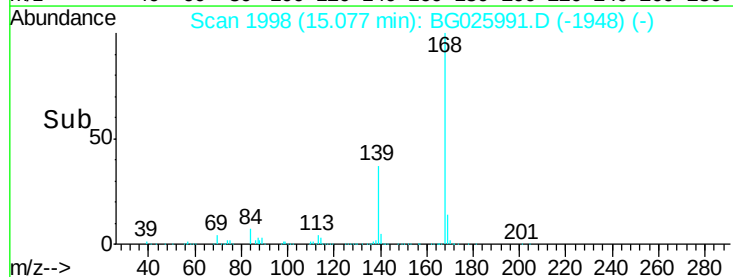
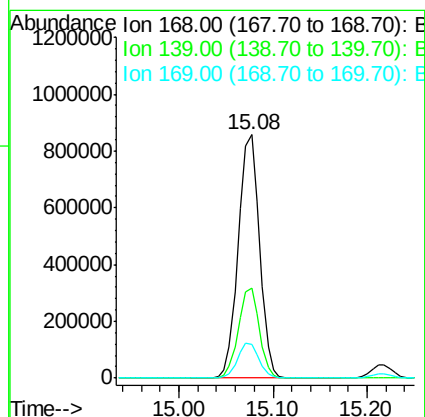
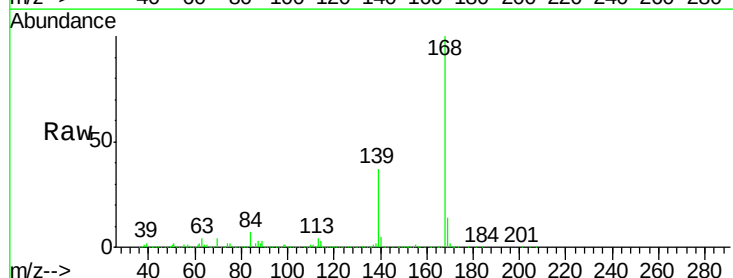
Manual Integrations
APPROVED

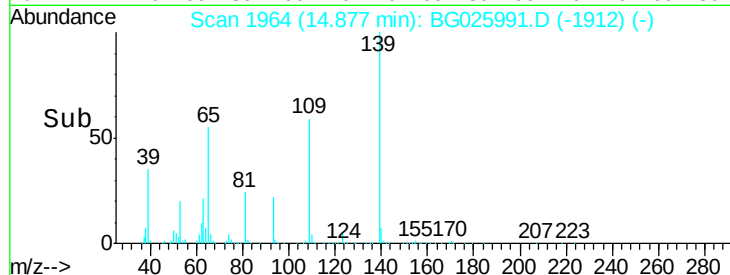
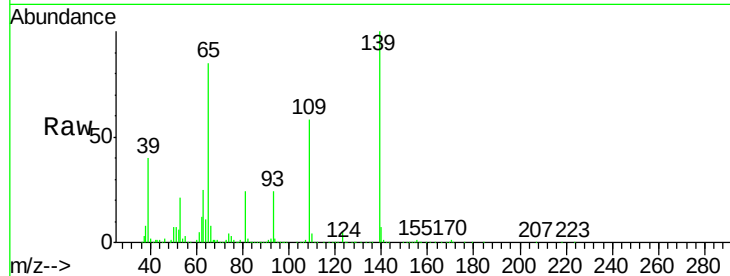
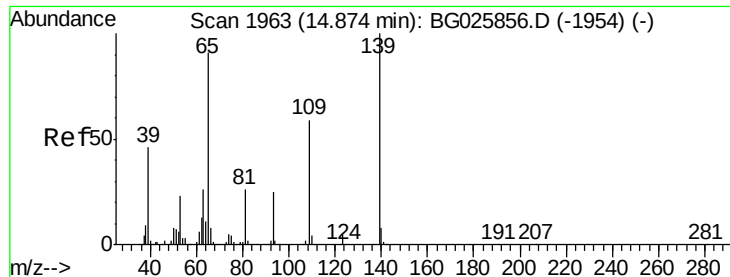
mohammad
3/1/2017 12:38:06 PM



#54
Dibenzofuran
Concen: 47.09 ng
RT: 15.08 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BG025991.D
Acq: 28 Feb 2017 8:59

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.7	35.3	52.9
169	13.9	11.5	17.3





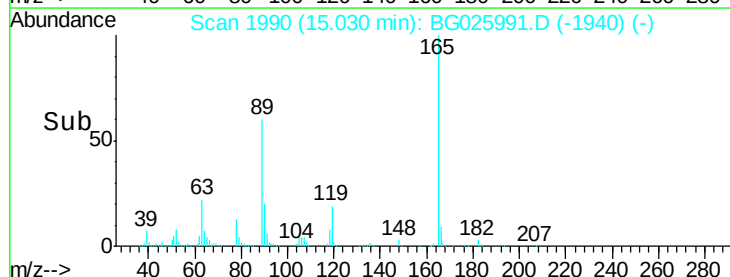
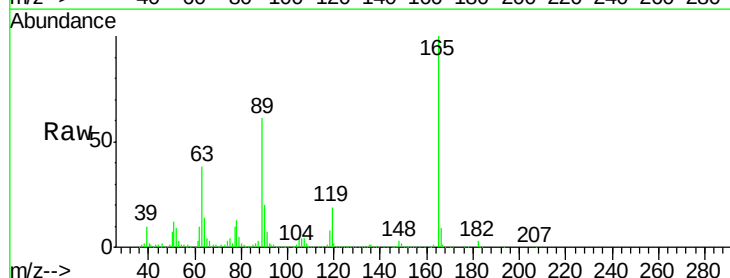
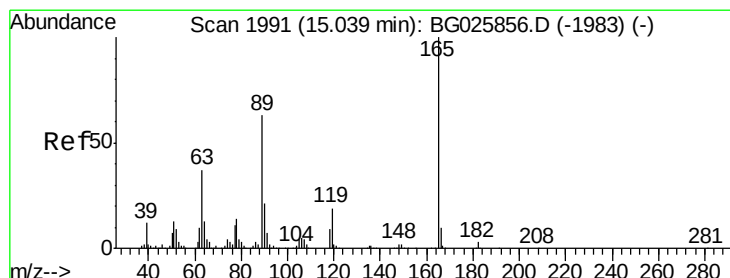
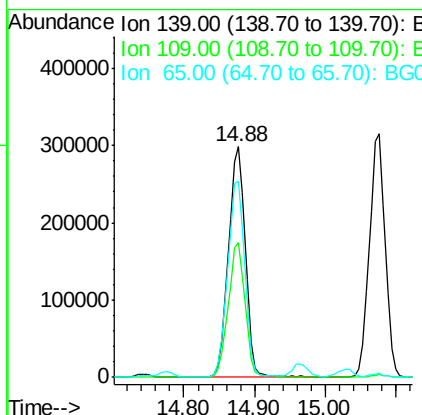
#55
4-Nitrophenol
Concen: 102.52 ng
RT: 14.88 min Scan# 1964
Delta R.T. 0.00 min
Lab File: BG025991.D
Acq: 28 Feb 2017 8:59

Instrument :
BNA_G
ClientSampleId :
E2-AA6-BASEMS

Tot Ion	Ratio	Lower	Upper
139	100		
109	58.2	101.2	141.2#
65	85.3	135.3	175.3#

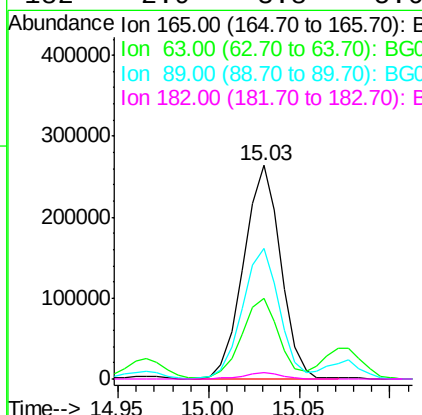
Manual Integrations
APPROVED

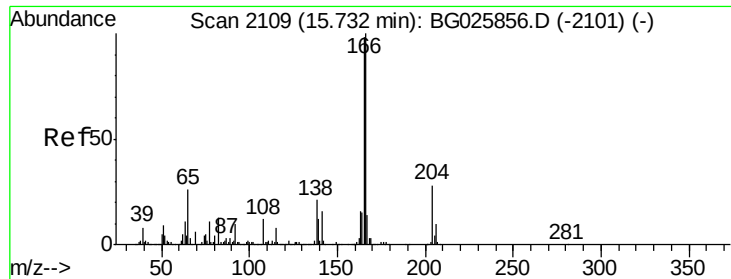
mohammad
3/1/2017 12:38:06 PM



#56
2,4-Dinitrotoluene
Concen: 51.96 ng
RT: 15.03 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG025991.D
Acq: 28 Feb 2017 8:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	38.0	44.0	66.0#
89	61.1	67.3	100.9#
182	2.9	3.8	5.6#





#57

Fluorene

Concen: 44.14 ng

RT: 15.72 min Scan# 2107

Delta R.T. -0.01 min

Lab File: BG025991.D

Acq: 28 Feb 2017 8:59

Instrument :

BNA_G

ClientSampleId :

E2-AA6-BASEMS

Tot Ion:166 Resp: 1127933

Ion Ratio Lower Upper

166 100

165 99.9 78.6 117.8

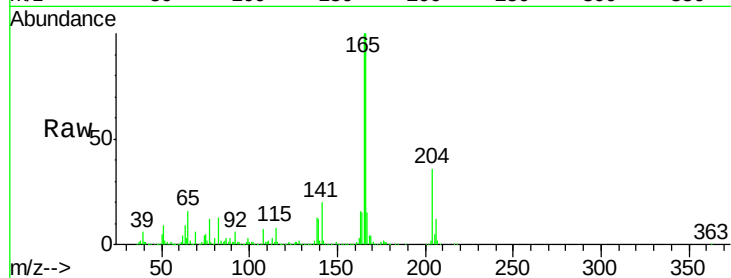
167 14.7 11.6 17.4

Manual Integrations

APPROVED

mohammad

3/1/2017 12:38:06 PM

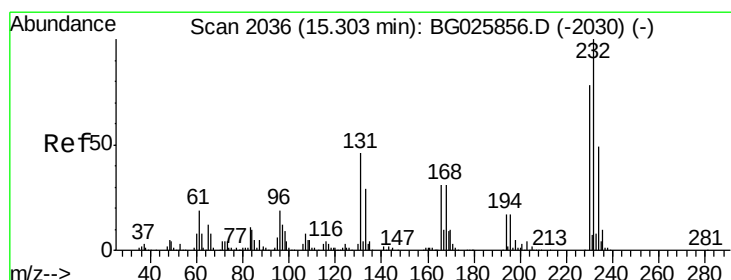
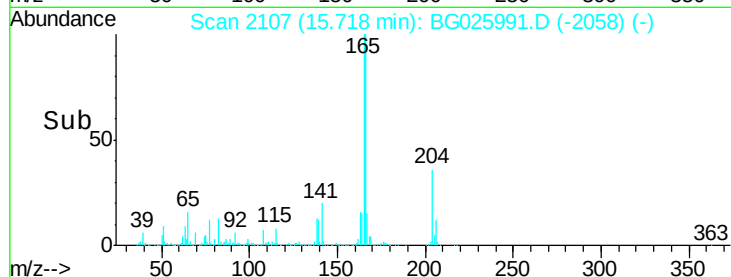
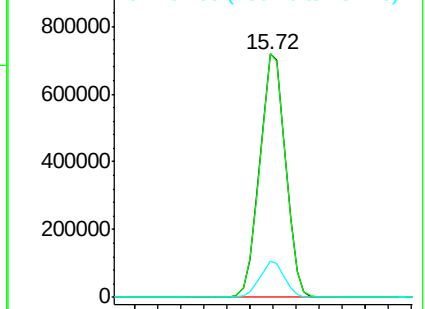


Abundance

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: 55.03 ng

RT: 15.30 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BG025991.D

Acq: 28 Feb 2017 8:59

Tgt Ion:232 Resp: 310684

Ion Ratio Lower Upper

232 100

131 44.4 34.9 52.3

130 2.4 2.3 3.5

166 31.1 24.2 36.4

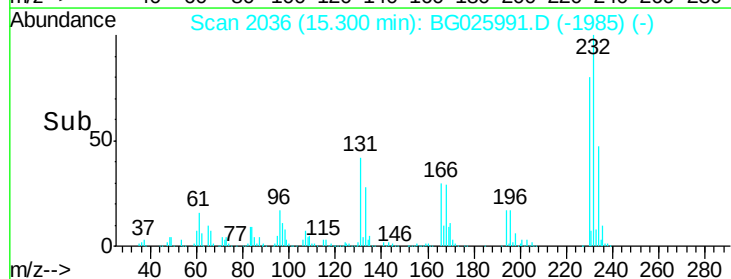
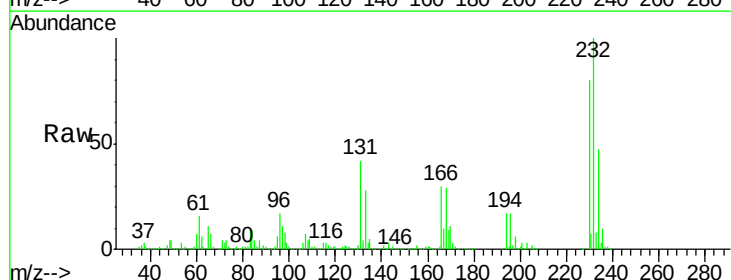
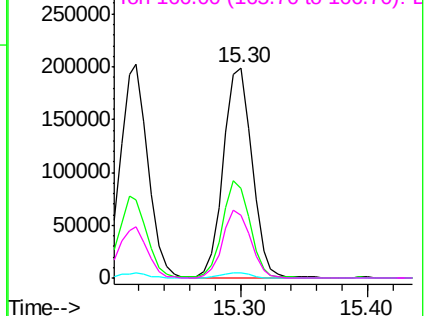
Abundance

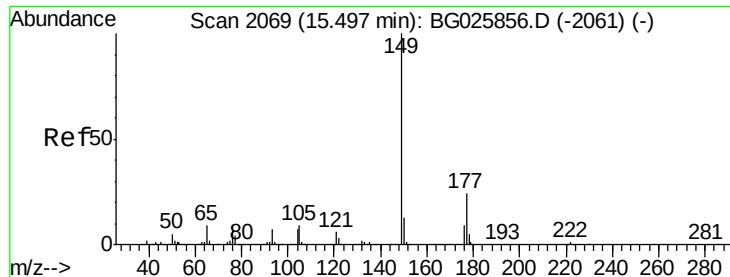
Ion 232.00 (231.70 to 232.70): E

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





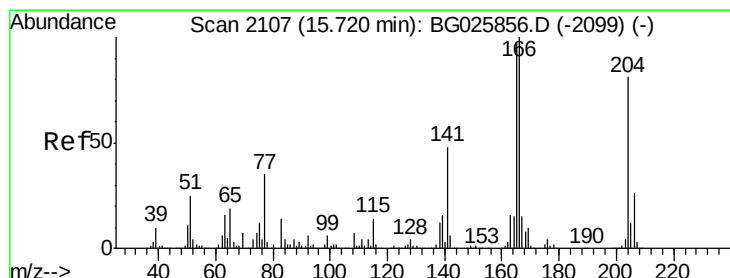
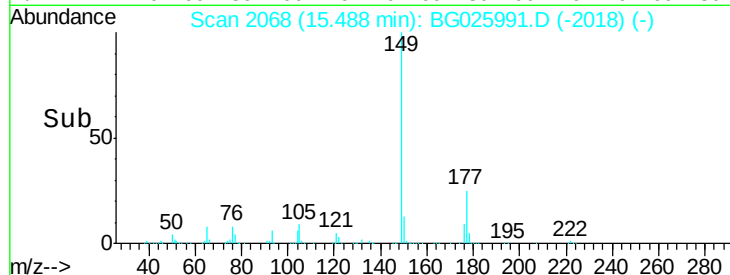
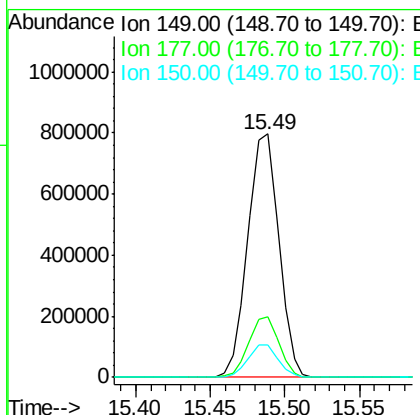
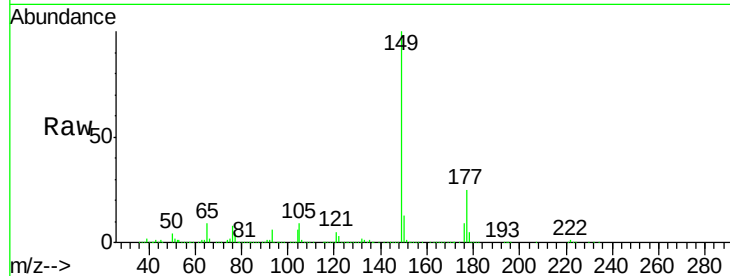
#59
Diethylphthalate
Concen: 46.48 ng
RT: 15.49 min Scan# 2068
Delta R.T. -0.01 min
Lab File: BG025991.D
Acq: 28 Feb 2017 8:59

Instrument :
BNA_G
ClientSampleId :
E2-AA6-BAEMS

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.9	20.1	30.1
150	13.2	10.2	15.2

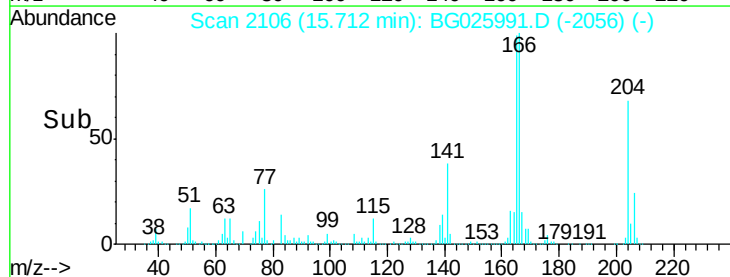
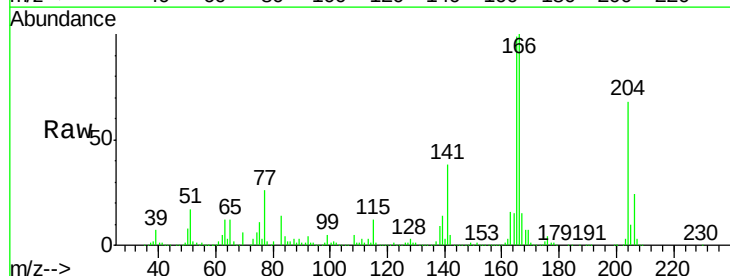
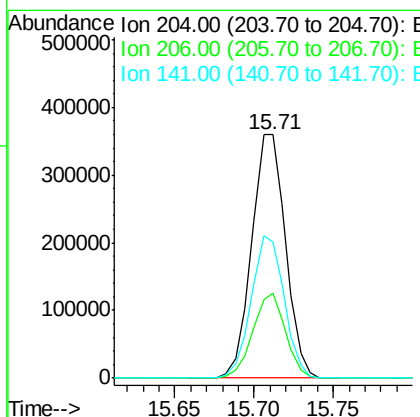
Manual Integrations
APPROVED

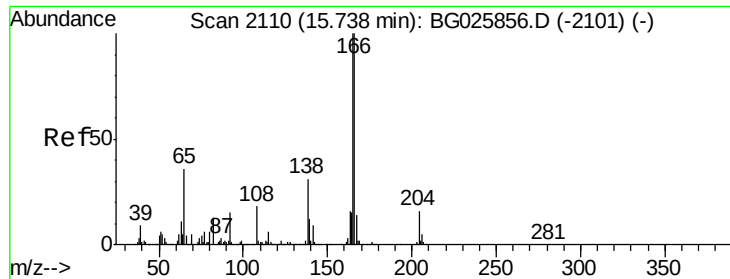
mohammad
3/1/2017 12:38:06 PM



#60
4-Chlorophenyl-phenylether
Concen: 45.10 ng
RT: 15.71 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BG025991.D
Acq: 28 Feb 2017 8:59

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.9	30.1	45.1
141	55.7	50.6	76.0





#61

4-Nitroaniline

Concen: 47.22 ng

RT: 15.73 min Scan# 2109

Delta R.T. -0.01 min

Lab File: BG025991.D

Acq: 28 Feb 2017 8:59

Instrument :

BNA_G

ClientSampleId :

E2-AA6-BASEMS

Tot Ion: 138 Resp: 293819

Ion Ratio Lower Upper

138 100

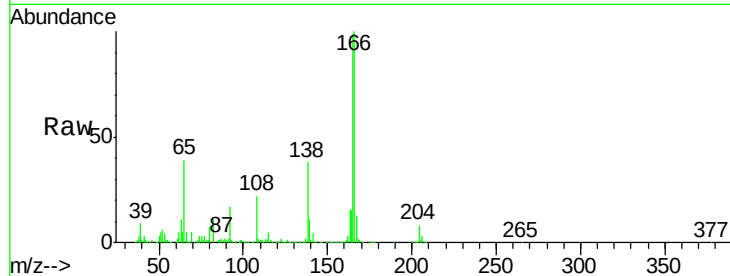
92 44.2 44.2 84.2#

108 58.9 104.8 144.8#

Manual Integrations
APPROVED

mohammad

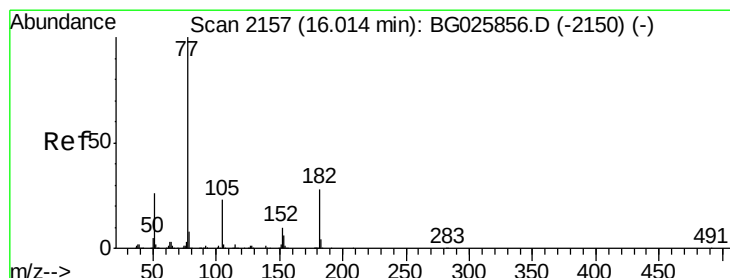
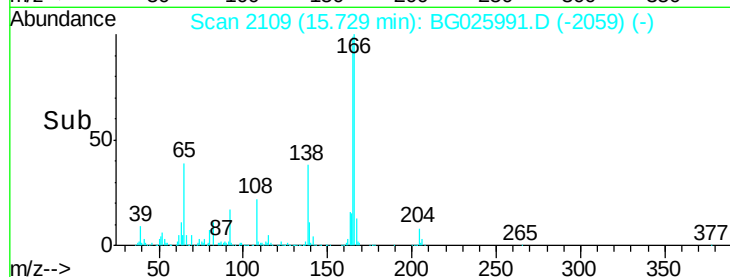
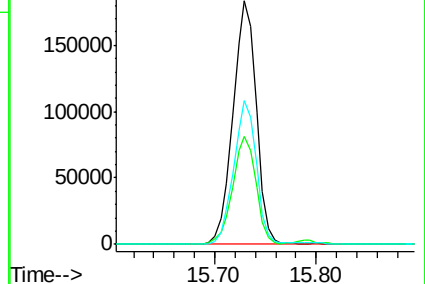
3/1/2017 12:38:06 PM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 47.32 ng

RT: 16.00 min Scan# 2155

Delta R.T. -0.01 min

Lab File: BG025991.D

Acq: 28 Feb 2017 8:59

Tgt Ion: 77 Resp: 1005101

Ion Ratio Lower Upper

77 100

182 29.7 4.7 44.7

105 23.2 0.0 36.3

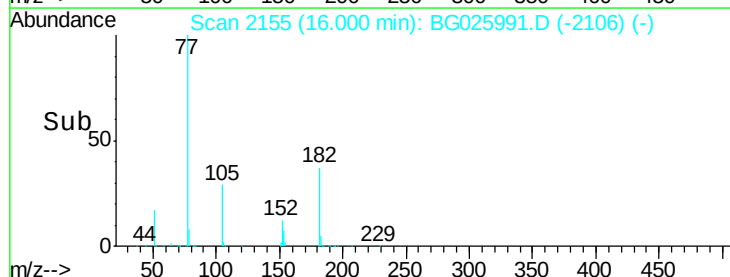
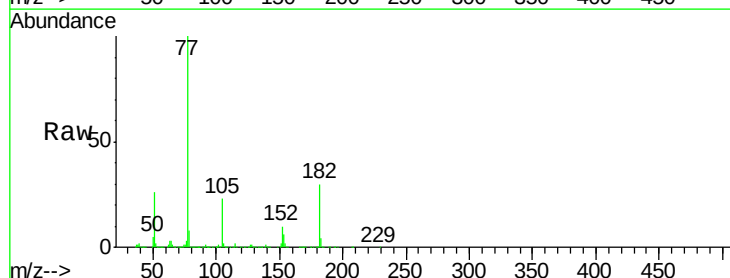
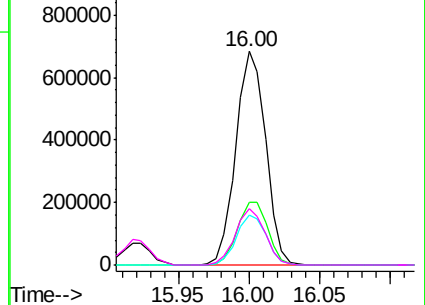
51 26.4 16.4 56.4

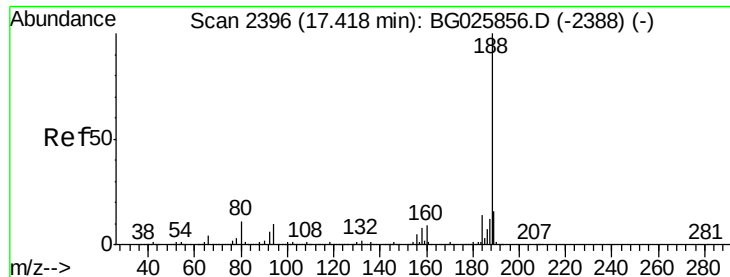
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





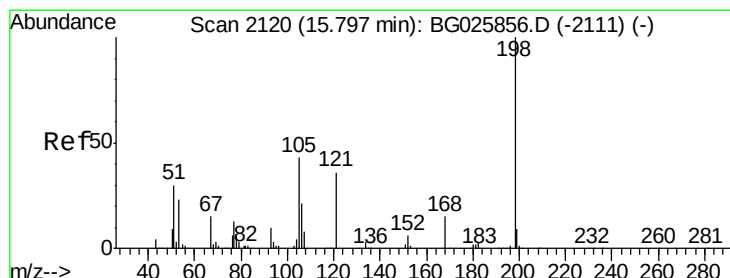
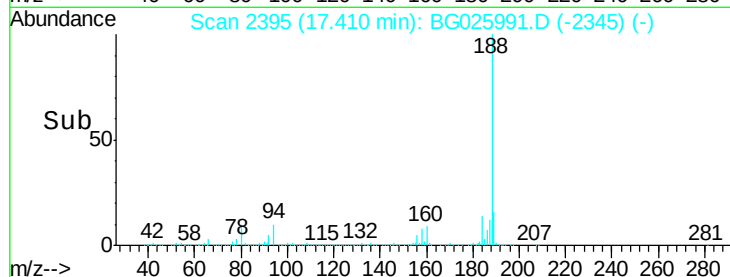
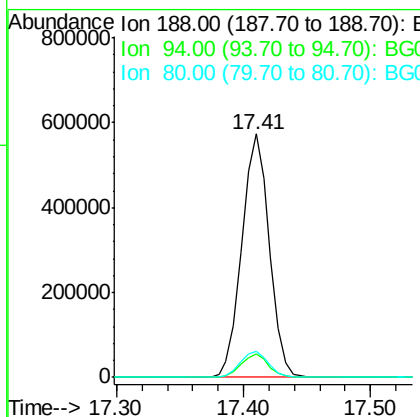
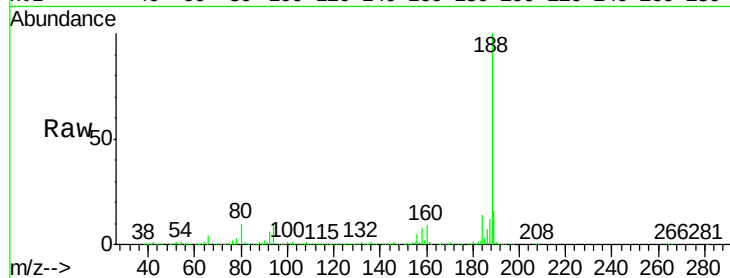
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.41 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BG025991.D
Acq: 28 Feb 2017 8:59

Instrument :
BNA_G
ClientSampleId :
E2-AA6-BAEMS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	859584		
94	9.6	5.8	8.8#	
80	10.4	7.5	11.3	

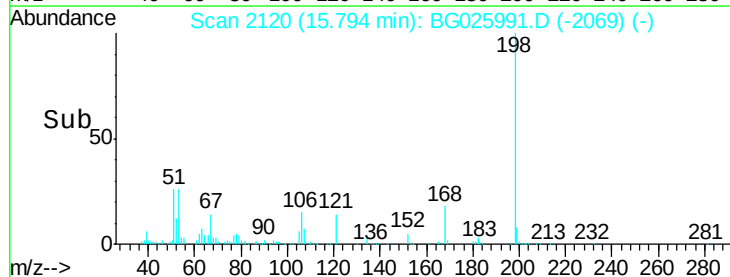
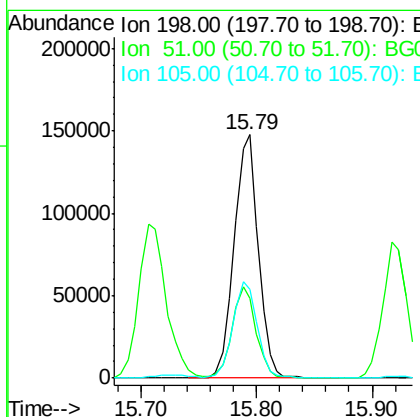
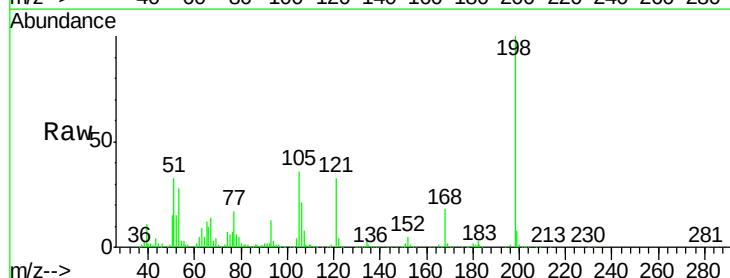
Manual Integrations
APPROVED

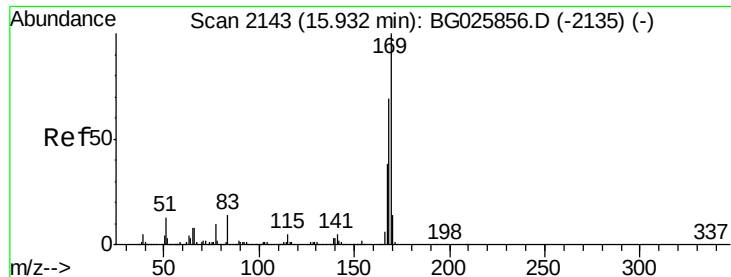
mohammad
3/1/2017 12:38:06 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 42.51 ng
RT: 15.79 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BG025991.D
Acq: 28 Feb 2017 8:59

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	213857		
51	32.6	22.6	62.6	
105	36.3	14.4	54.4	





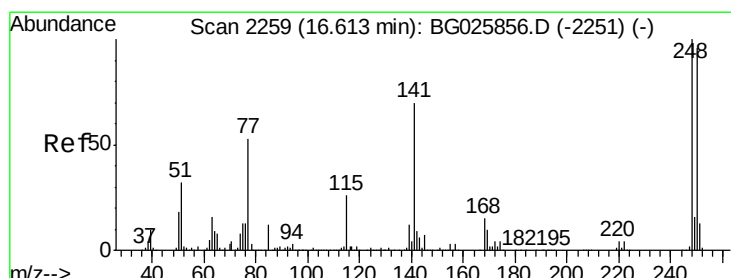
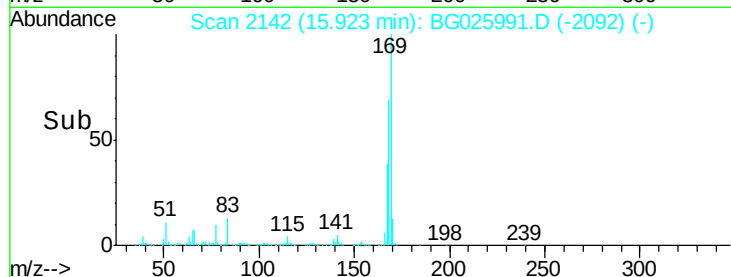
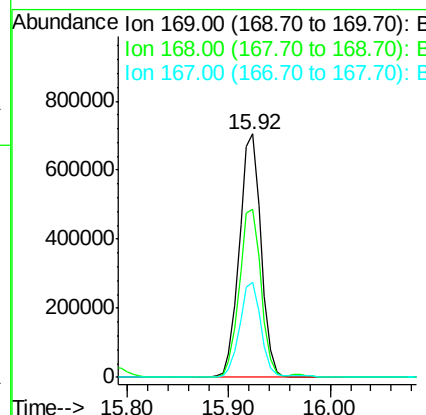
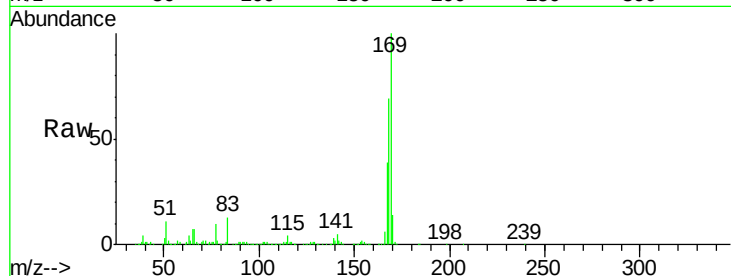
#65
n-Nitrosodiphenylamine
Concen: 39.99 ng
RT: 15.92 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG025991.D
Acq: 28 Feb 2017 8:59

Instrument :
BNA_G
ClientSampleId :
E2-AA6-BASEMS

Tot Ion	Ratio	Lower	Upper
169	100		
168	69.1	55.7	83.5
167	38.9	29.8	44.6

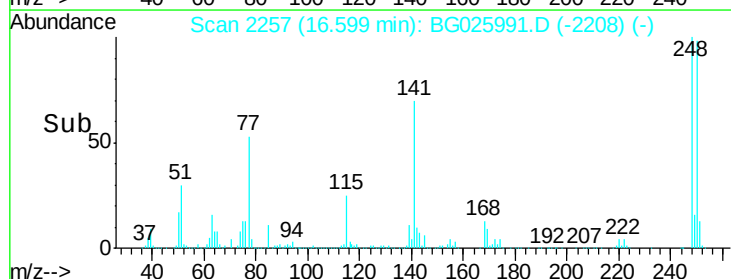
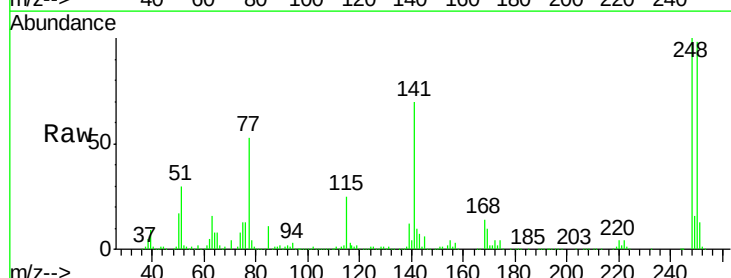
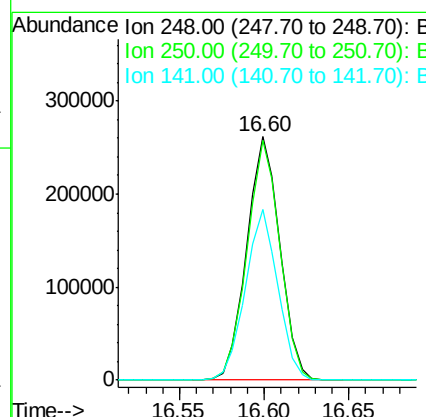
Manual Integrations
APPROVED

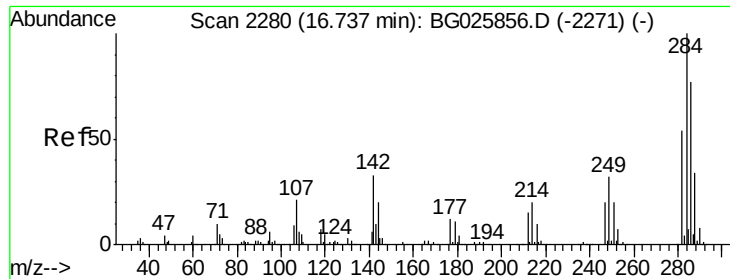
mohammad
3/1/2017 12:38:06 PM



#66
4-Bromophenyl-phenylether
Concen: 39.69 ng
RT: 16.60 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BG025991.D
Acq: 28 Feb 2017 8:59

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.3	75.0	112.6
141	69.9	55.2	82.8





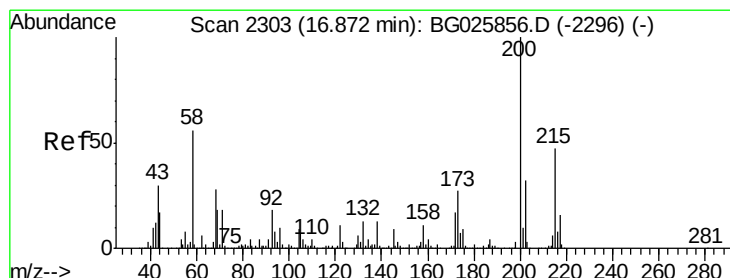
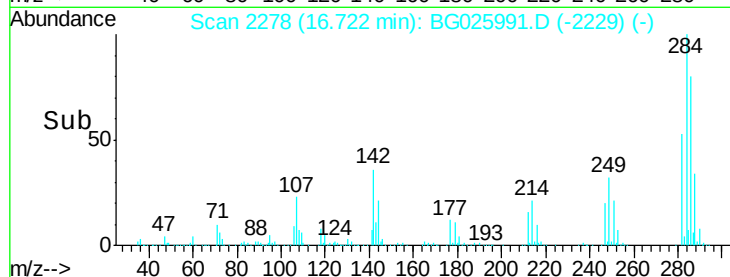
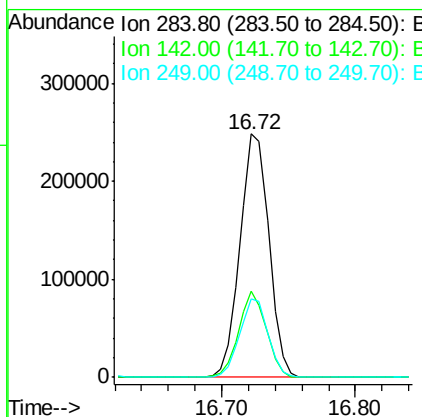
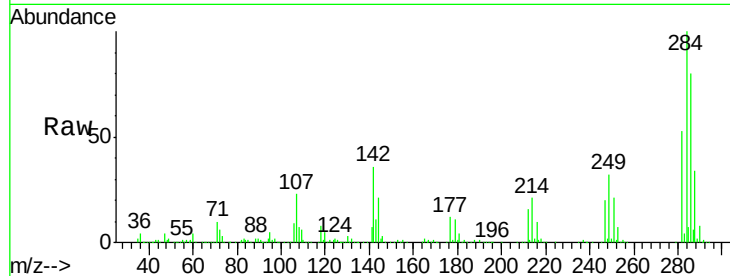
#67
Hexachlorobenzene
Concen: 39.99 ng
RT: 16.72 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BG025991.D
Acq: 28 Feb 2017 8:59

Instrument :
BNA_G
ClientSampleId :
E2-AA6-BASEMS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	371355		
142	35.6	29.9	44.9	
249	32.2	29.2	43.8	

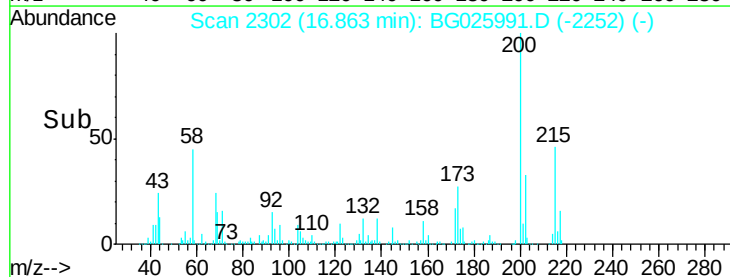
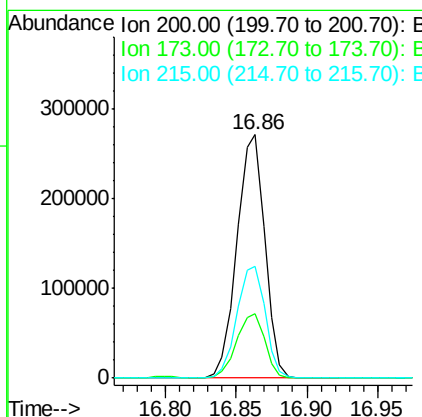
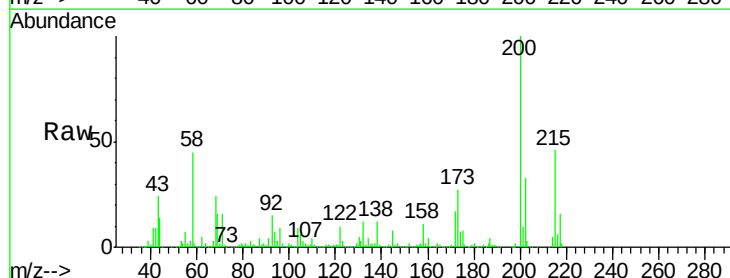
Manual Integrations
APPROVED

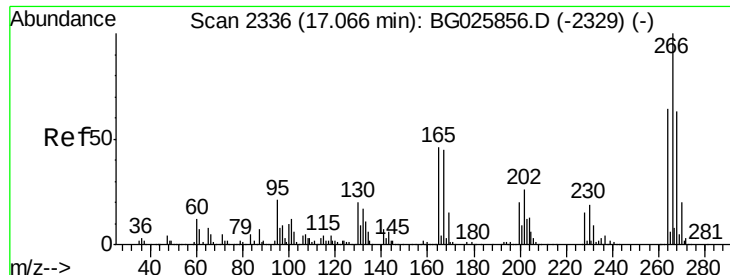
mohammad
3/1/2017 12:38:06 PM



#68
Atrazine
Concen: 40.62 ng
RT: 16.86 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG025991.D
Acq: 28 Feb 2017 8:59

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	374776		
173	26.7	3.0	43.0	
215	46.0	28.4	68.4	





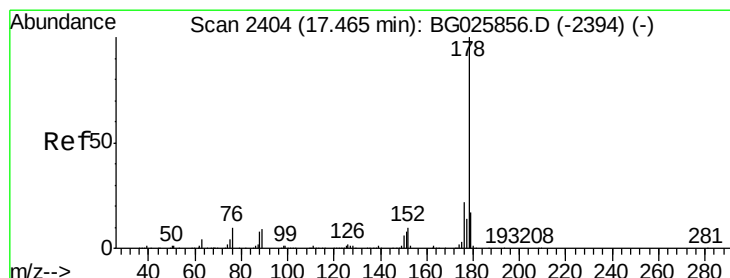
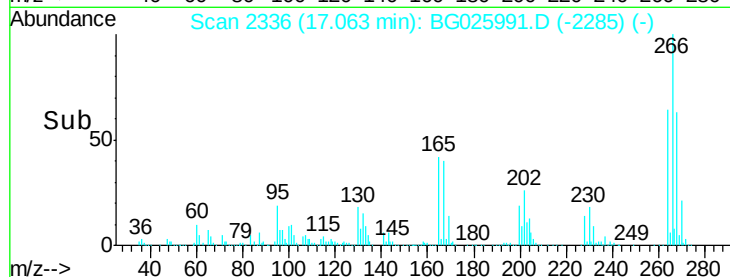
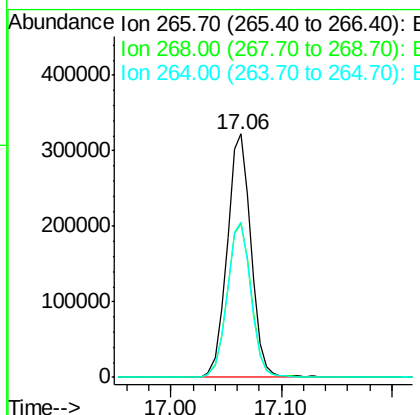
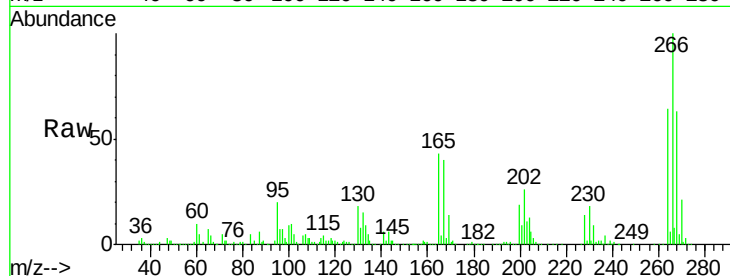
#69
 Pentachlorophenol
 Concen: 85.26 ng
 RT: 17.06 min Scan# 2336
 Delta R.T. -0.00 min
 Lab File: BG025991.D
 Acq: 28 Feb 2017 8:59

Instrument :
 BNA_G
 ClientSampleId :
 E2-AA6-BASEMS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	488378		
268	63.5	48.6	72.8	
264	63.8	50.1	75.1	

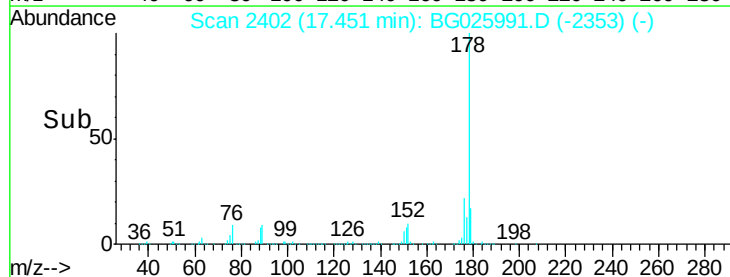
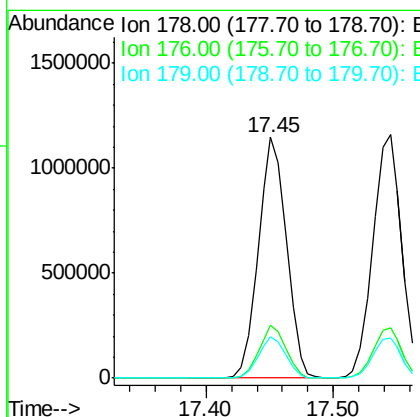
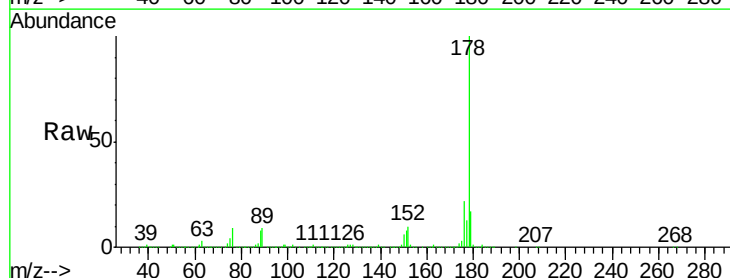
Manual Integrations
 APPROVED

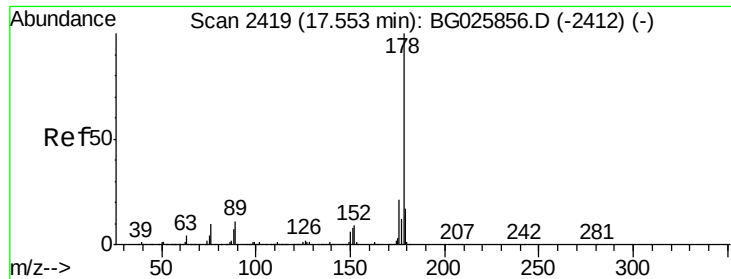
mohammad
 3/1/2017 12:38:06 PM



#70
 Phenanthrene
 Concen: 38.00 ng
 RT: 17.45 min Scan# 2402
 Delta R.T. -0.01 min
 Lab File: BG025991.D
 Acq: 28 Feb 2017 8:59

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1772966		
176	21.8	17.7	26.5	
179	16.9	15.0	22.6	





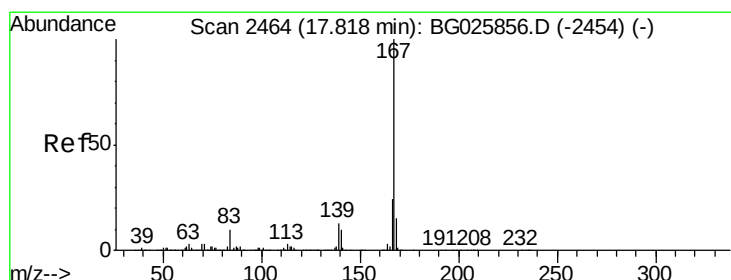
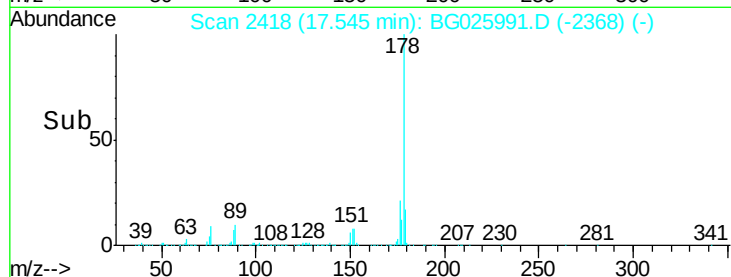
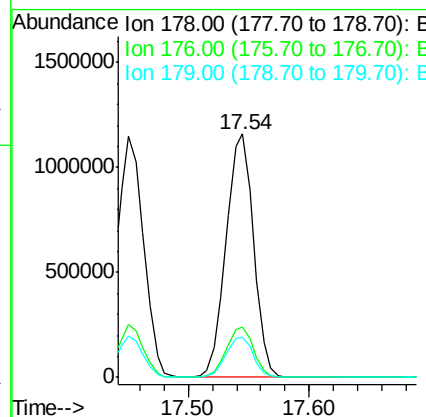
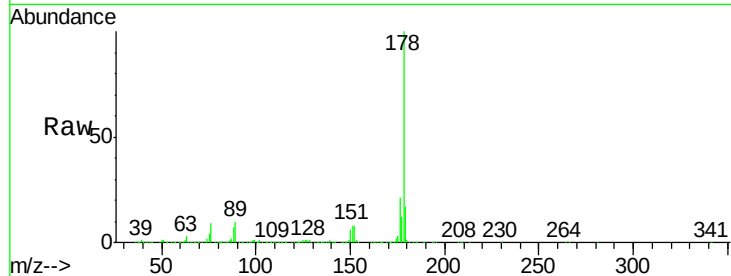
#71
 Anthracene
 Concen: 38.32 ng
 RT: 17.54 min Scan# 2418
 Delta R.T. -0.01 min
 Lab File: BG025991.D
 Acq: 28 Feb 2017 8:59

Instrument :
 BNA_G
 ClientSampleId :
 E2-AA6-BASEMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.4	24.6
179	16.7	13.8	20.8

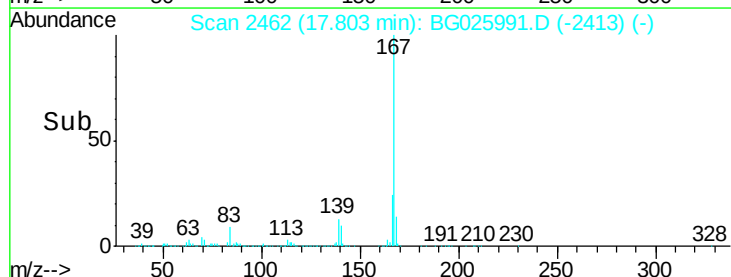
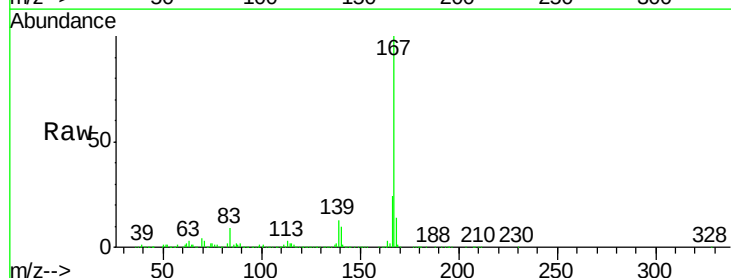
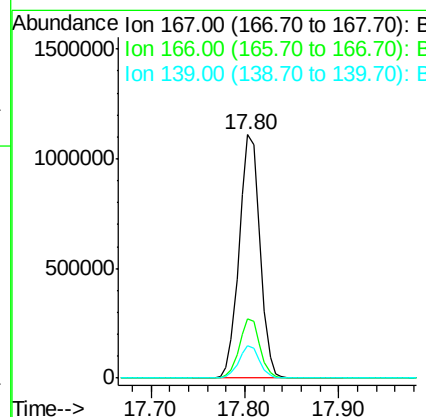
Manual Integrations
 APPROVED

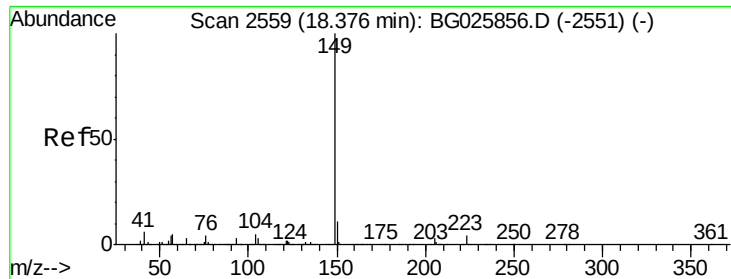
mohammad
 3/1/2017 12:38:06 PM



#72
 Carbazole
 Concen: 35.67 ng
 RT: 17.80 min Scan# 2462
 Delta R.T. -0.01 min
 Lab File: BG025991.D
 Acq: 28 Feb 2017 8:59

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.5	20.2	30.2
139	13.3	12.8	19.2





#73

Di-n-butylphthalate

Concen: 41.37 ng

RT: 18.36 min Scan# 2557

Delta R.T. -0.01 min

Lab File: BG025991.D

Acq: 28 Feb 2017 8:59

Instrument :

BNA_G

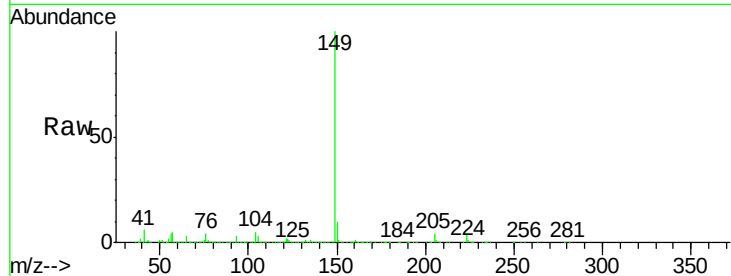
ClientSampleId :

E2-AA6-BASEMS

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.5	9.1	13.7
104	4.9	6.7	10.1

Manual Integrations
APPROVED

mohammad
3/1/2017 12:38:06 PM

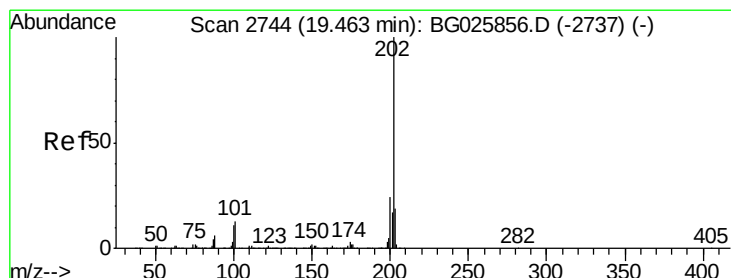
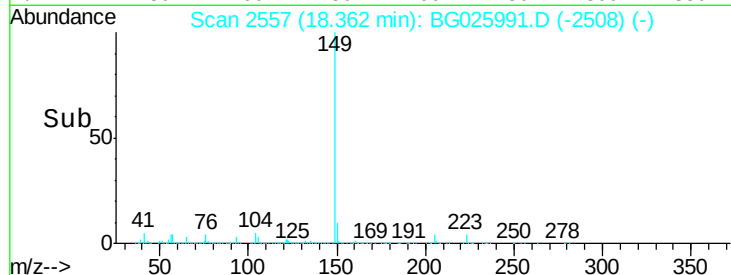
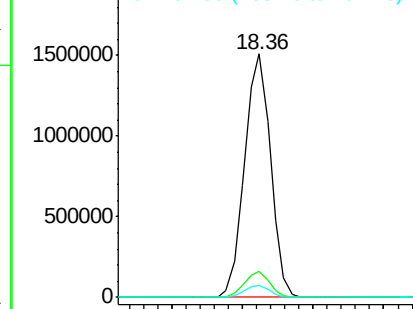


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.38 ng

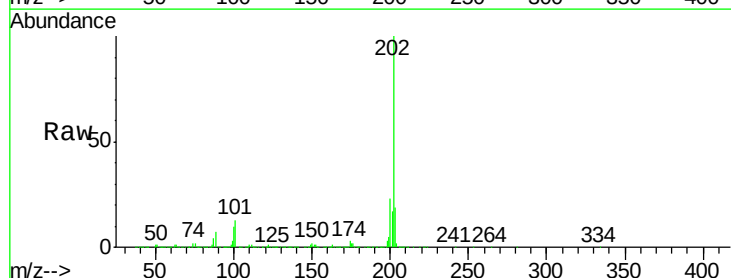
RT: 19.45 min Scan# 2742

Delta R.T. -0.01 min

Lab File: BG025991.D

Acq: 28 Feb 2017 8:59

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	30.1
203	19.4	1.3	41.3

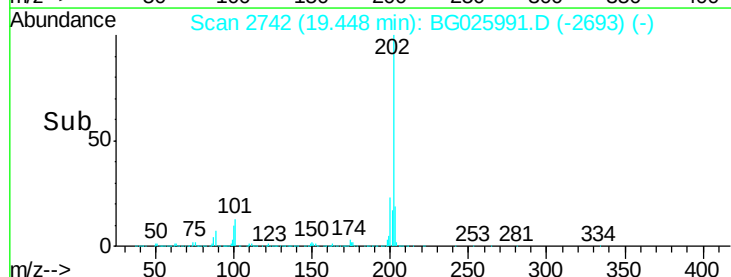
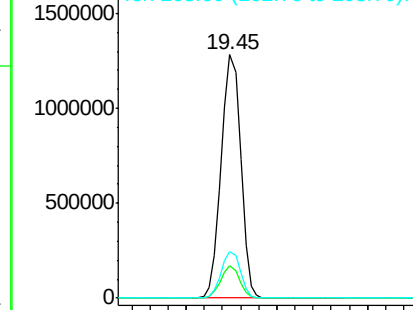


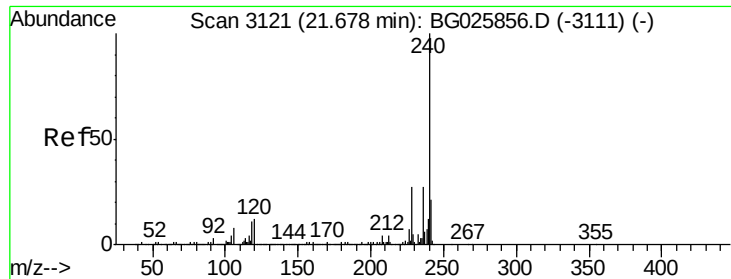
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.66 min Scan# 3118

Delta R.T. -0.02 min

Lab File: BG025991.D

Acq: 28 Feb 2017 8:59

Instrument :

BNA_G

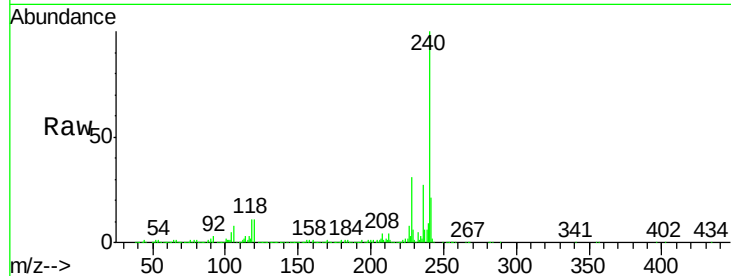
ClientSampleId :

E2-AA6-BAEMS

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.3	5.7	8.5#
236	26.7	22.2	33.4

Manual Integrations
APPROVED

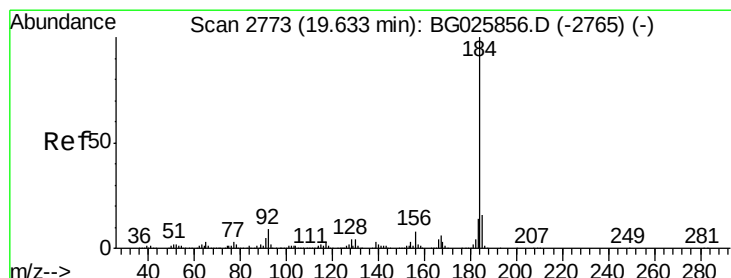
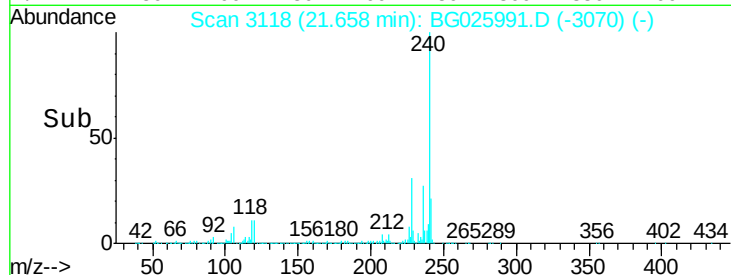
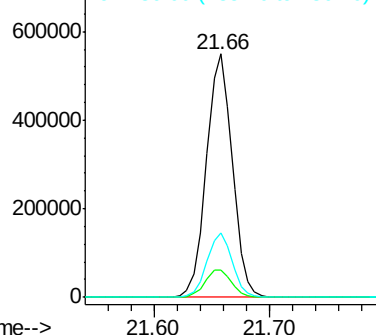
mohammad
3/1/2017 12:38:06 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 34.33 ng

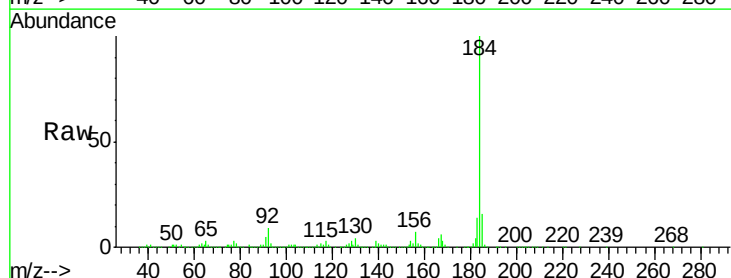
RT: 19.62 min Scan# 2771

Delta R.T. -0.01 min

Lab File: BG025991.D

Acq: 28 Feb 2017 8:59

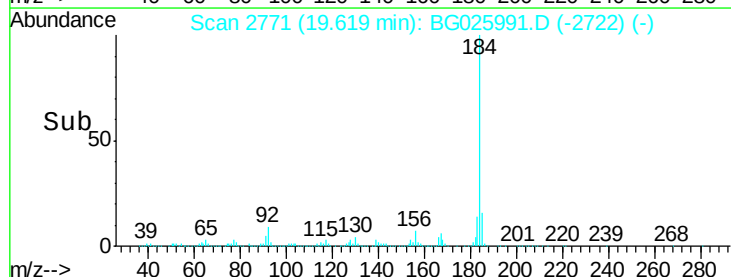
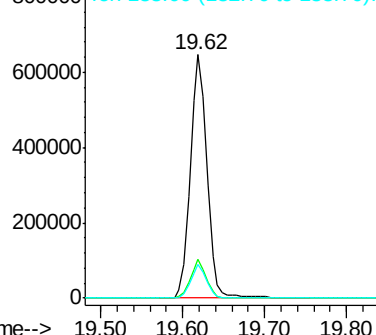
Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.7	13.0	19.6
183	13.8	11.0	16.6

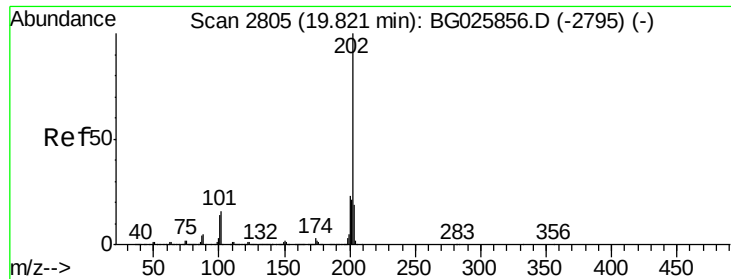


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 36.03 ng

RT: 19.81 min Scan# 2803

Delta R.T. -0.01 min

Lab File: BG025991.D

Acq: 28 Feb 2017 8:59

Instrument :

BNA_G

ClientSampleId :

E2-AA6-BASEMS

Tot Ion:202 Resp: 1943058

Ion Ratio Lower Upper

202 100

200 24.3 19.6 29.4

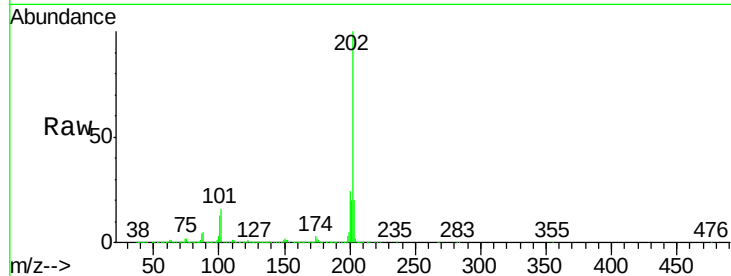
203 19.5 15.8 23.8

Manual Integrations

APPROVED

mohammad

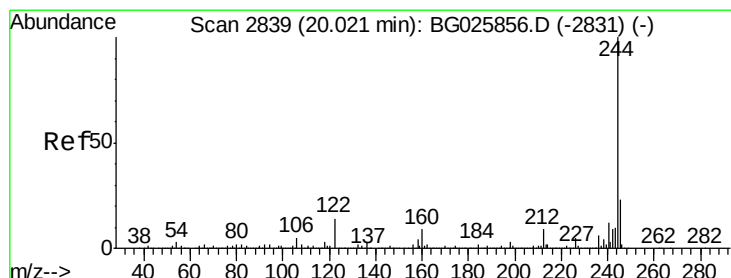
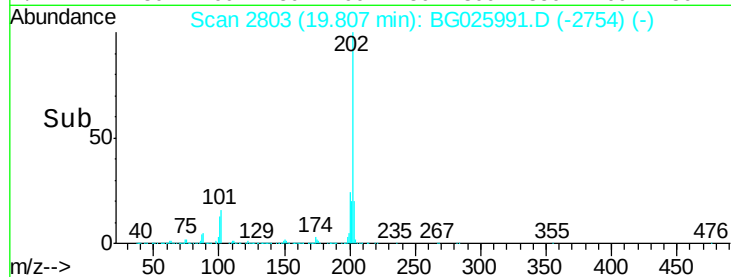
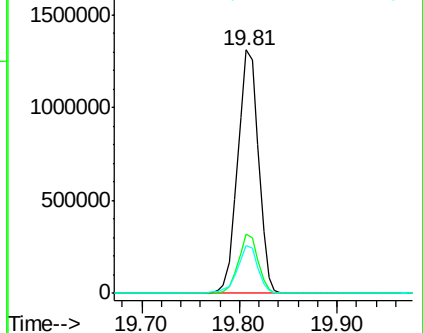
3/1/2017 12:38:06 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 64.34 ng

RT: 20.00 min Scan# 2836

Delta R.T. -0.02 min

Lab File: BG025991.D

Acq: 28 Feb 2017 8:59

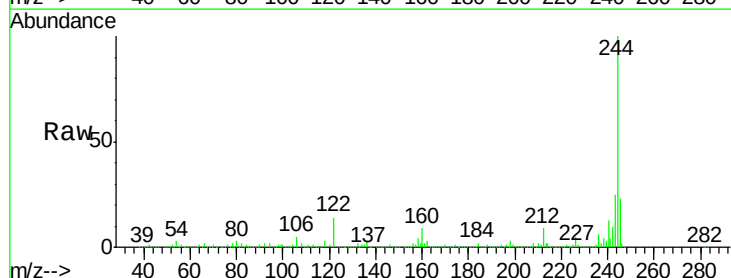
Tgt Ion:244 Resp: 2256130

Ion Ratio Lower Upper

244 100

212 8.7 10.0 15.0#

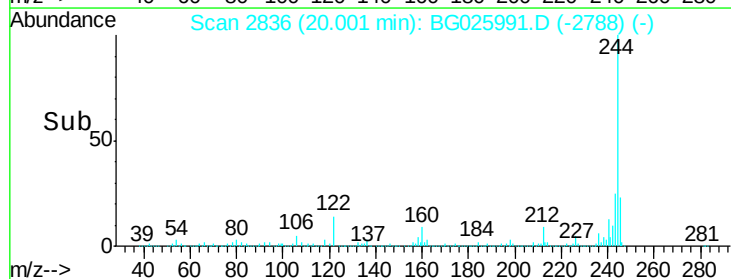
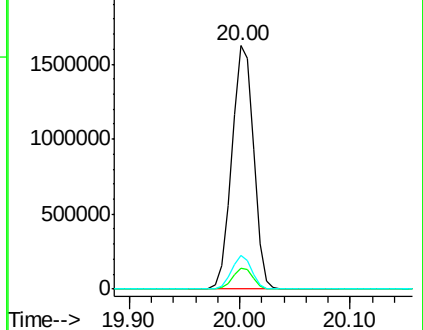
122 13.8 8.6 12.8#

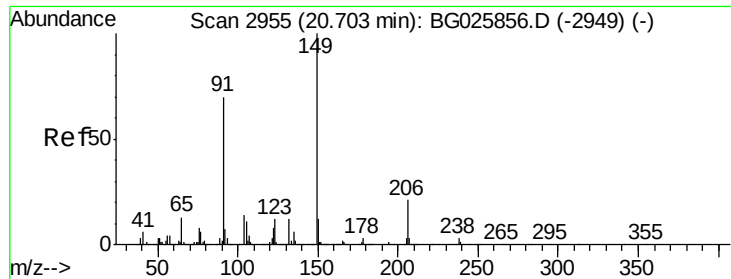


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





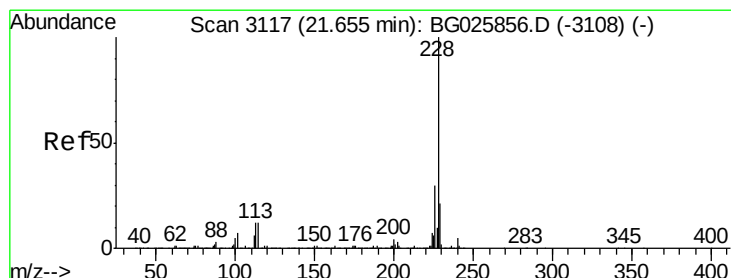
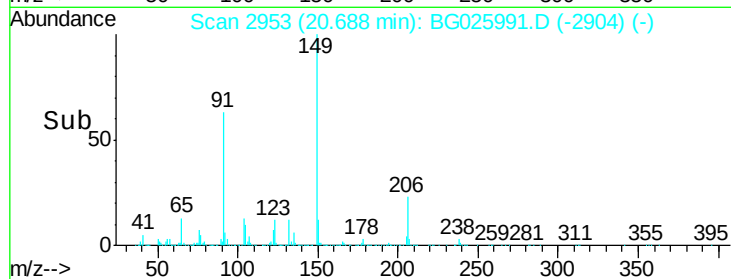
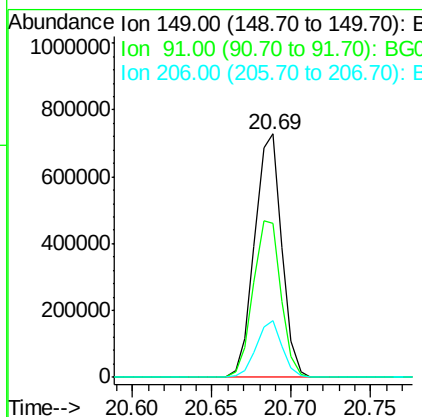
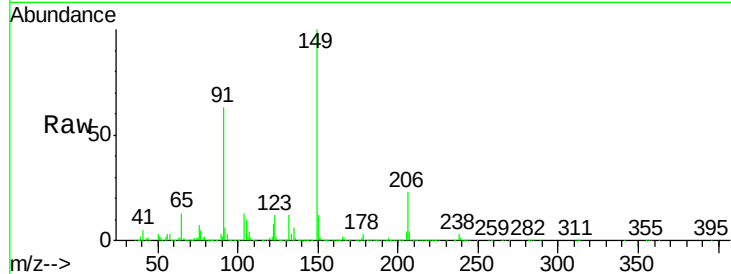
#79
Butylbenzylphthalate
Concen: 42.38 ng
RT: 20.69 min Scan# 2953
Delta R.T. -0.01 min
Lab File: BG025991.D
Acq: 28 Feb 2017 8:59

Instrument :
BNA_G
ClientSampleId :
E2-AA6-BASEMS

Tot Ion	Ratio	Lower	Upper
149	100		
91	63.5	63.5	95.3#
206	23.3	21.0	31.6

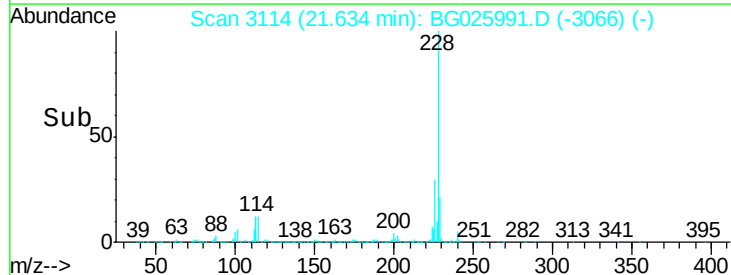
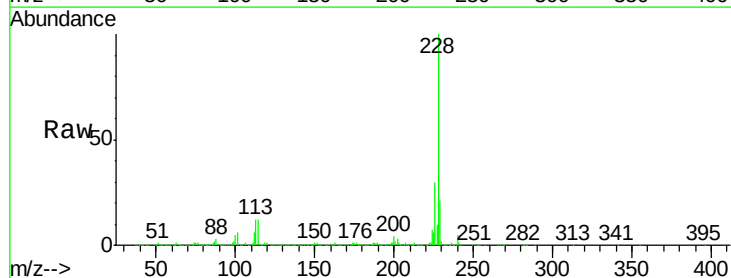
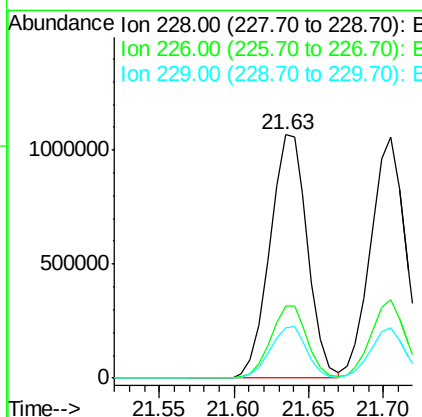
Manual Integrations
APPROVED

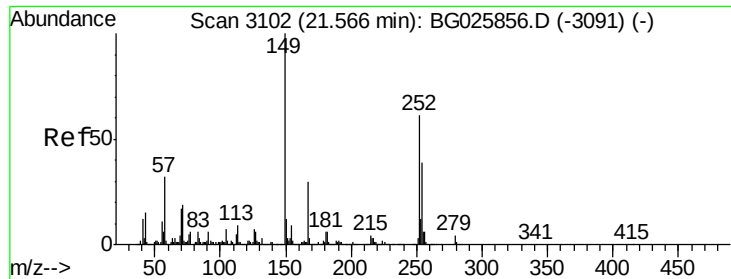
mohammad
3/1/2017 12:38:06 PM



#80
Benzo(a)anthracene
Concen: 37.42 ng
RT: 21.63 min Scan# 3114
Delta R.T. -0.02 min
Lab File: BG025991.D
Acq: 28 Feb 2017 8:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.9	37.3
229	20.8	18.2	27.2





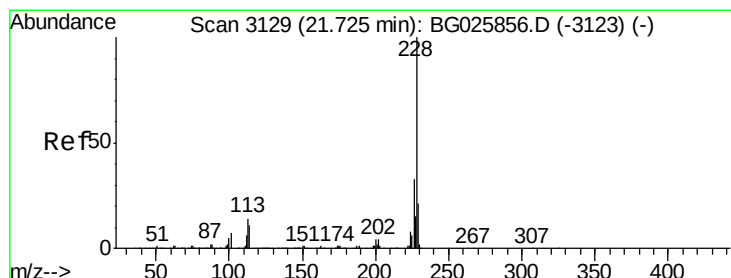
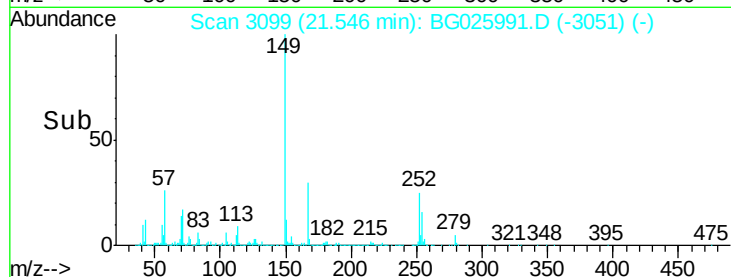
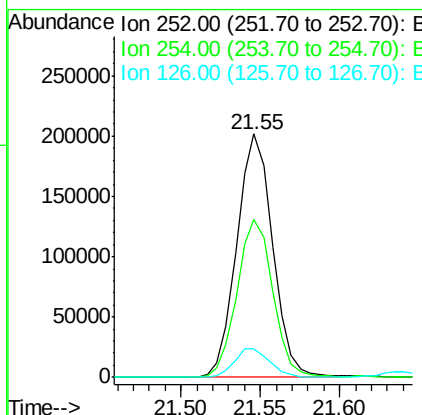
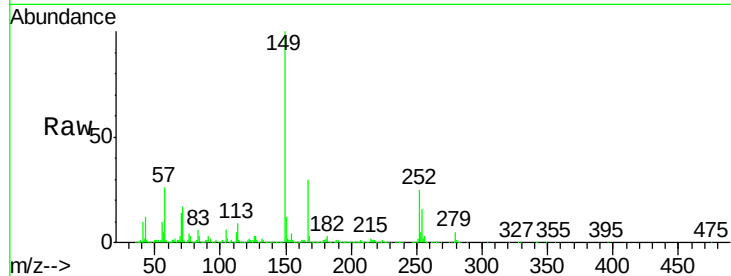
#81
 3,3'-Dichlorobenzidine
 Concen: 17.83 ng
 RT: 21.55 min Scan# 3099
 Delta R.T. -0.02 min
 Lab File: BG025991.D
 Acq: 28 Feb 2017 8:59

Instrument :
 BNA_G
 ClientSampleId :
 E2-AA6-BASEMS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.1	53.1	79.7
126	11.6	7.0	10.4

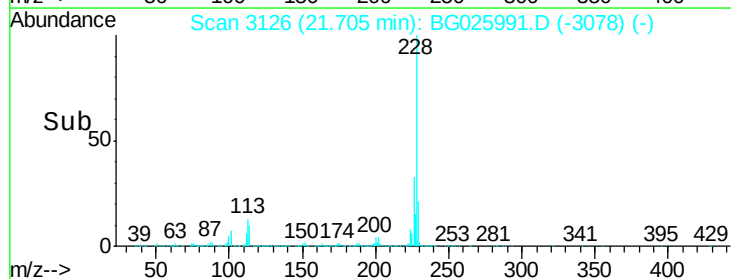
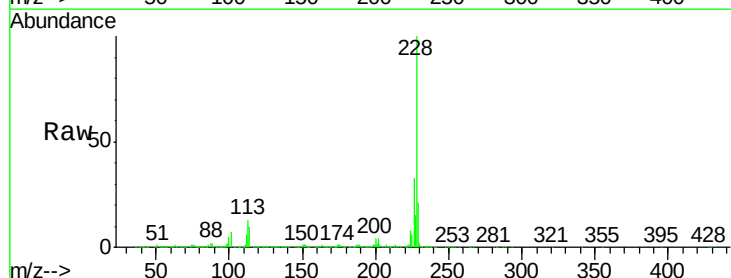
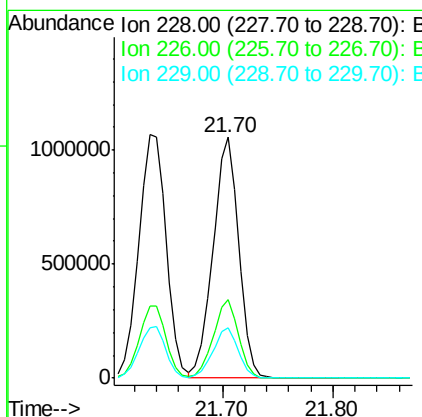
Manual Integrations
 APPROVED

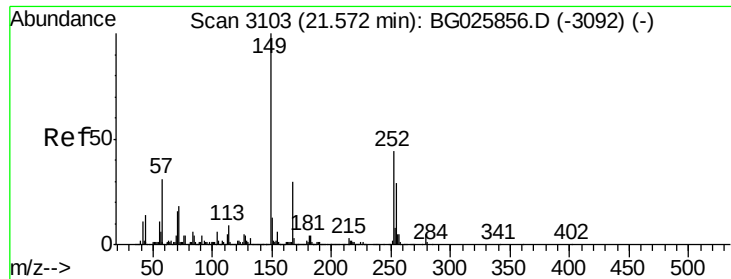
mohammad
 3/1/2017 12:38:06 PM



#82
 Chrysene
 Concen: 35.33 ng
 RT: 21.70 min Scan# 3126
 Delta R.T. -0.02 min
 Lab File: BG025991.D
 Acq: 28 Feb 2017 8:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.6	27.0	40.4
229	21.0	17.8	26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.15 ng

RT: 21.54 min Scan# 3098

Delta R.T. -0.03 min

Lab File: BG025991.D

Acq: 28 Feb 2017 8:59

Instrument :

BNA_G

ClientSampleId :

E2-AA6-BASEMS

Tot Ion:149 Resp: 1245785

Ion Ratio Lower Upper

149 100

167 30.4 23.7 35.5

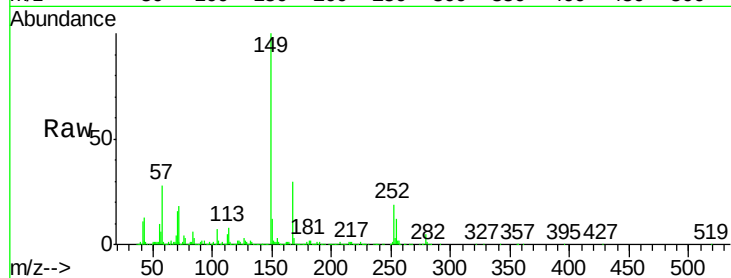
279 4.6 4.6 6.8

Manual Integrations

APPROVED

mohammad

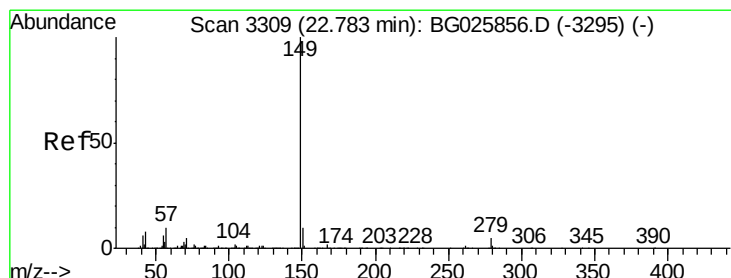
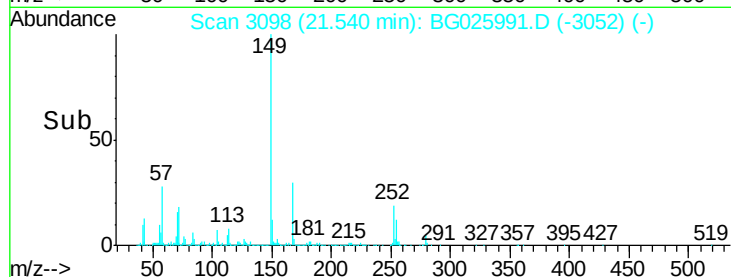
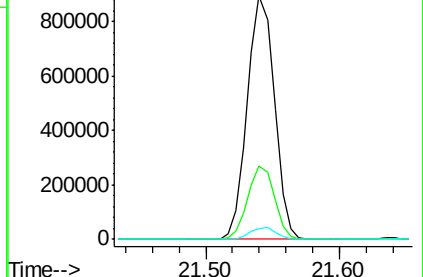
3/1/2017 12:38:06 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 44.00 ng

RT: 22.74 min Scan# 3303

Delta R.T. -0.04 min

Lab File: BG025991.D

Acq: 28 Feb 2017 8:59

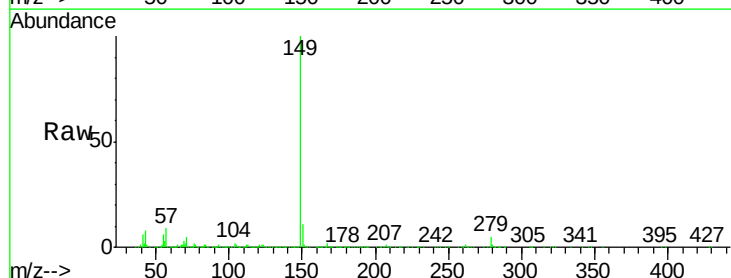
Tgt Ion:149 Resp: 2147310

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

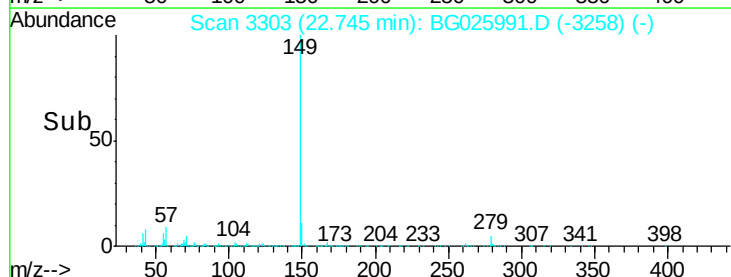
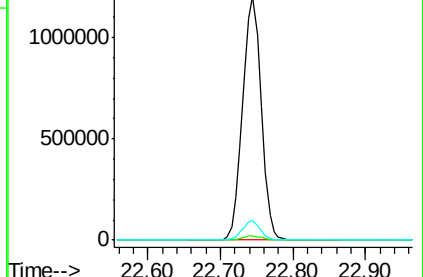
43 7.6 11.8 17.6#

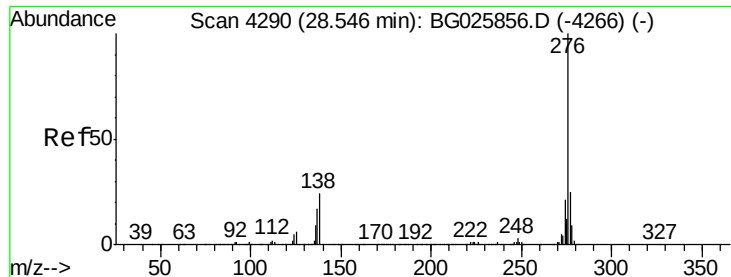


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





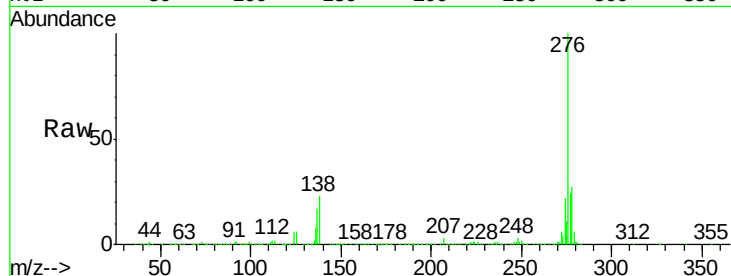
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.89 ng
RT: 28.51 min Scan# 4285
Delta R.T. -0.03 min
Lab File: BG025991.D
Acq: 28 Feb 2017 8:59

Instrument :
BNA_G
ClientSampleId :
E2-AA6-BASEMS

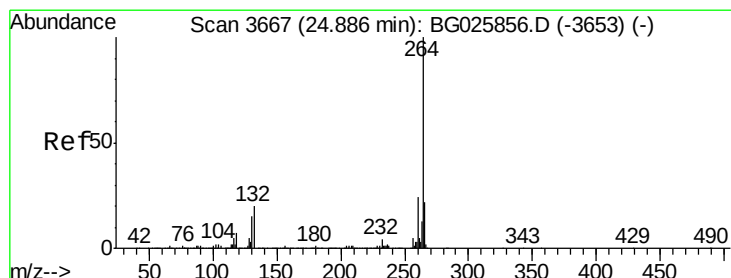
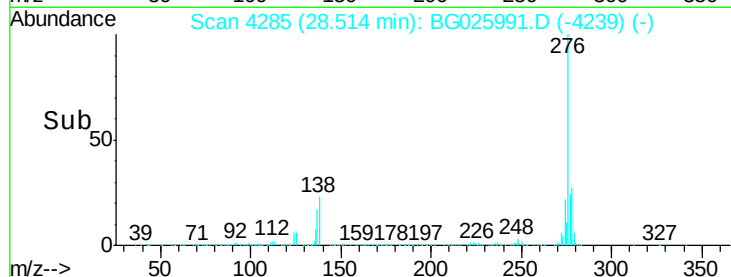
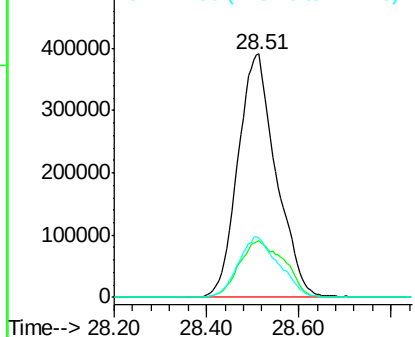
Tot Ion:276 Resp: 2249663
Ion Ratio Lower Upper
276 100
138 27.5 4.7 7.1#
277 26.2 20.6 31.0

Manual Integrations
APPROVED

mohammad
3/1/2017 12:38:06 PM

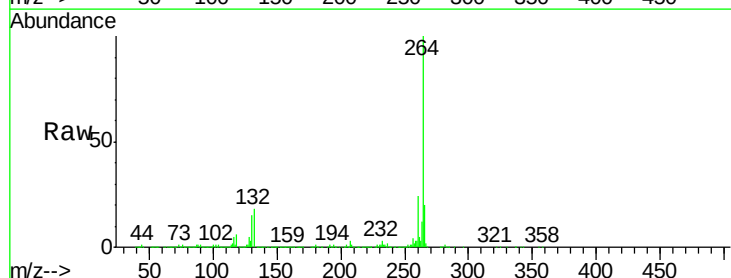


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

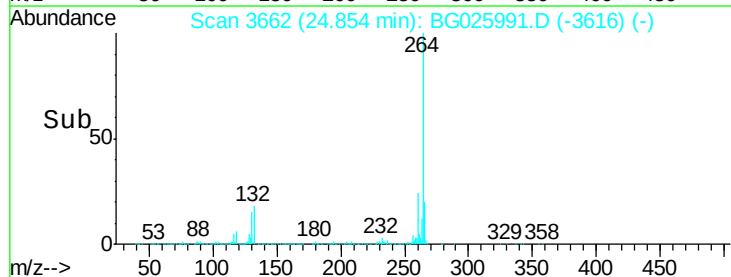
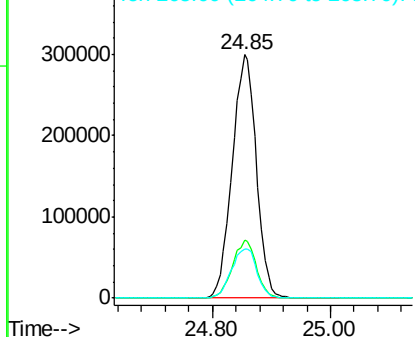


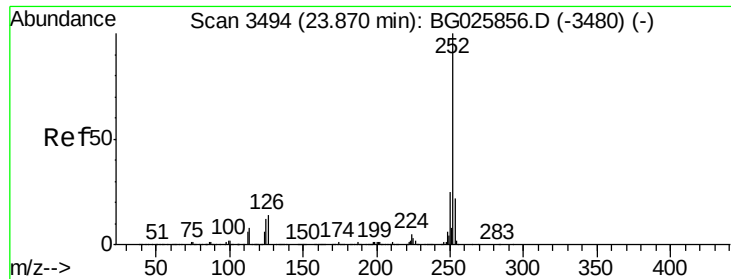
#86
Perylene-d12
Concen: 20.00 ng
RT: 24.85 min Scan# 3662
Delta R.T. -0.03 min
Lab File: BG025991.D
Acq: 28 Feb 2017 8:59

Tgt Ion:264 Resp: 855084
Ion Ratio Lower Upper
264 100
260 23.8 21.8 32.8
265 20.4 18.2 27.4



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 37.15 ng

RT: 23.84 min Scan# 3489

Delta R.T. -0.03 min

Lab File: BG025991.D

Acq: 28 Feb 2017 8:59

Instrument :

BNA_G

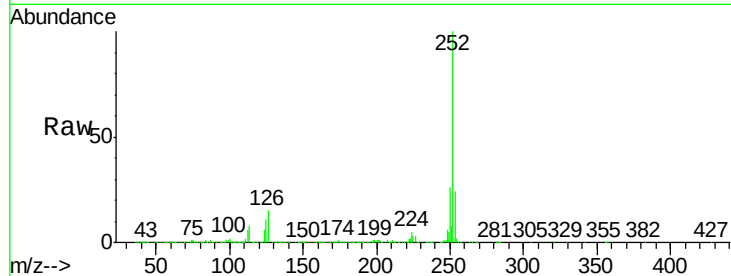
ClientSampleId :

E2-AA6-BASEMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.7	28.1
125	10.9	5.3	7.9#

Manual Integrations
APPROVED

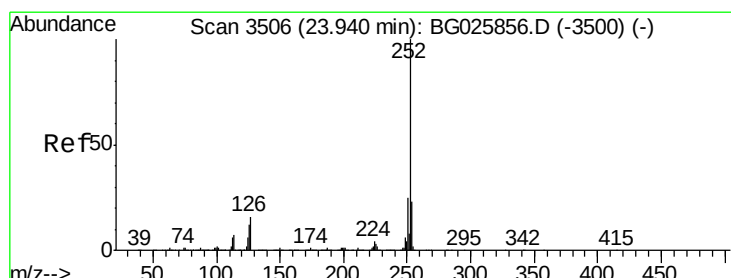
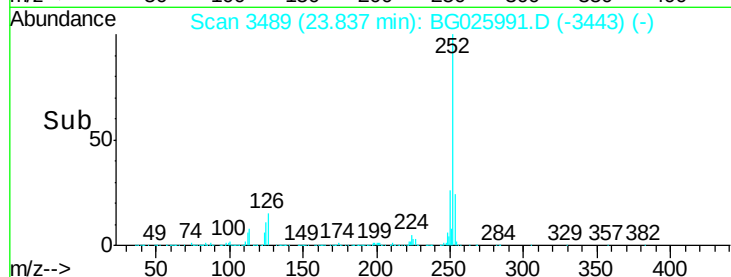
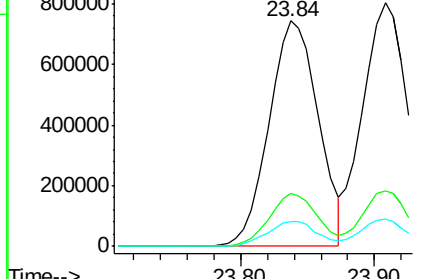
mohammad
3/1/2017 12:38:06 PM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 37.52 ng

RT: 23.91 min Scan# 3501

Delta R.T. -0.03 min

Lab File: BG025991.D

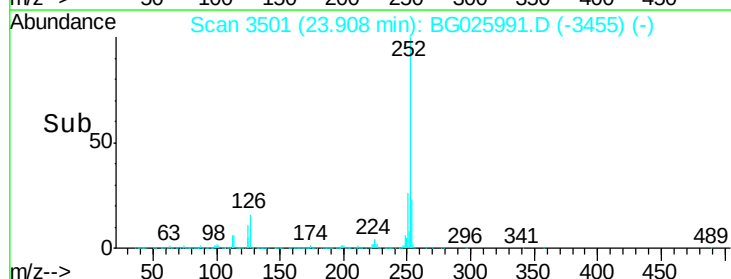
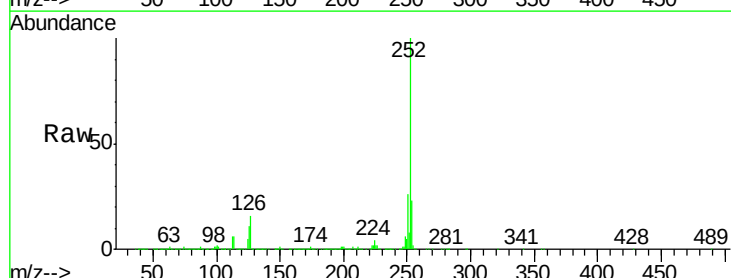
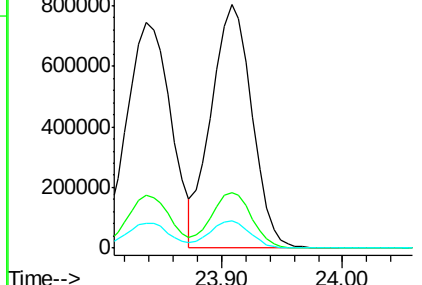
Acq: 28 Feb 2017 8:59

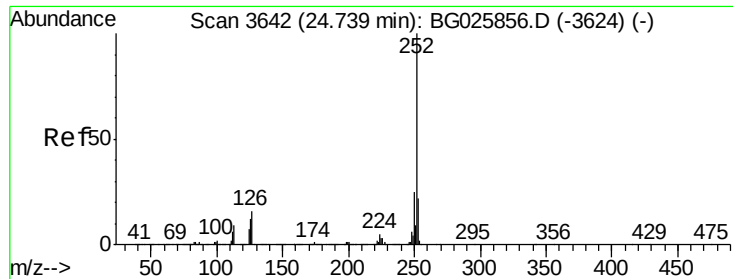
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	20.2	30.2
125	11.3	5.1	7.7#

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





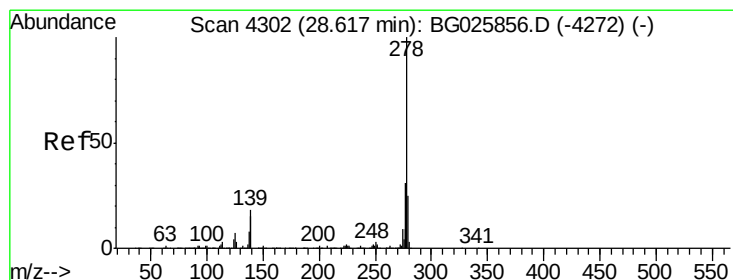
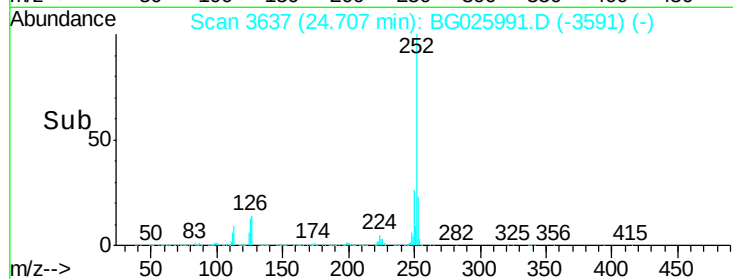
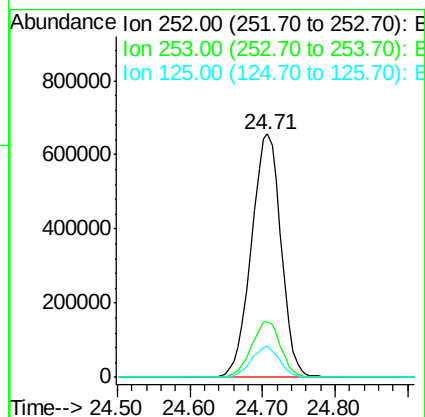
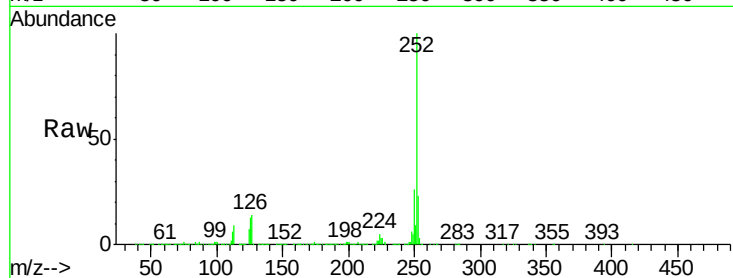
#89
Benzo(a)pyrene
Concen: 38.27 ng
RT: 24.71 min Scan# 3637
Delta R.T. -0.03 min
Lab File: BG025991.D
Acq: 28 Feb 2017 8:59

Instrument :
BNA_G
ClientSampleId :
E2-AA6-BASEMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	19.2	28.8
125	12.7	5.4	8.0#

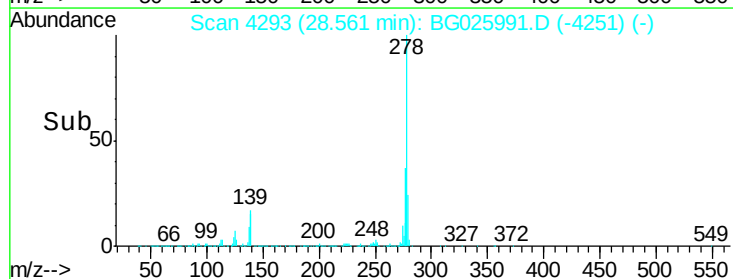
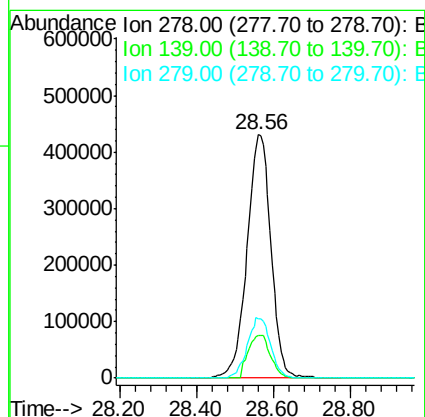
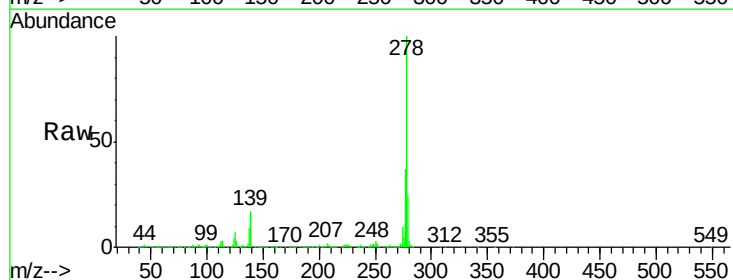
Manual Integrations
APPROVED

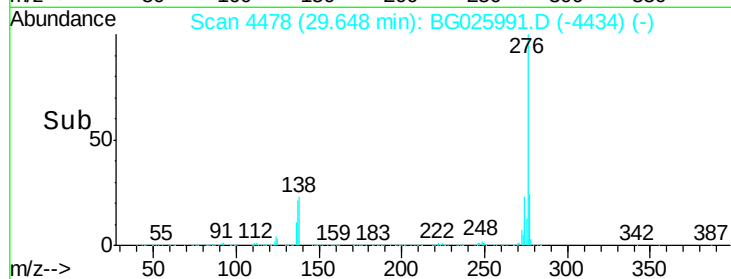
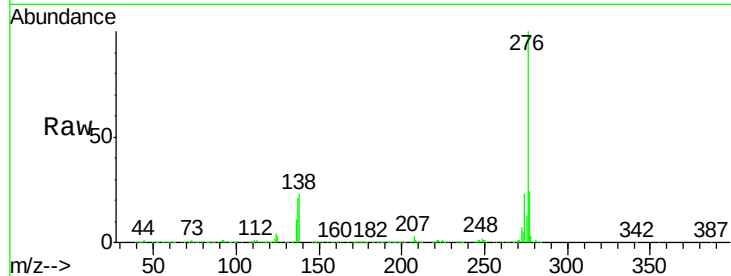
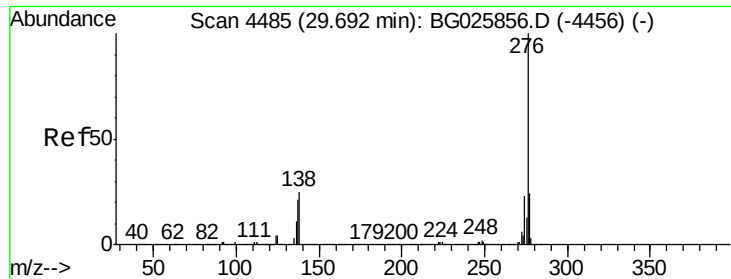
mohammad
3/1/2017 12:38:06 PM



#90
Dibenzo(a,h)anthracene
Concen: 38.02 ng
RT: 28.56 min Scan# 4293
Delta R.T. -0.06 min
Lab File: BG025991.D
Acq: 28 Feb 2017 8:59

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.5	7.7	11.5#
279	24.5	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 37.70 ng
 RT: 29.65 min Scan# 4478
 Delta R.T. -0.04 min
 Lab File: BG025991.D
 Acq: 28 Feb 2017 8:59

Instrument :
 BNA_G
 ClientSampleId :
 E2-AA6-BASEMS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.6	27.8
138	23.5	8.1	12.1

Manual Integrations
 APPROVED

mohammad
 3/1/2017 12:38:06 PM

