

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032117\
 Data File : BG026355.D
 Acq On : 21 Mar 2017 11:26
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDC0040

Manual Integrations
 APPROVED

mohammad
 3/23/2017 3:31:39 PM

Quant Time: Mar 22 04:23:55 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 17:43:27 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	135754	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	591977	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	345765	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	809211	20.00	ng	0.00
75) Chrysene-d12	21.63	240	881215	20.00	ng	0.00
86) Perylene-d12	24.81	264	890968	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	607548	79.43	ng	0.00
7) Phenol-d6	7.21	99	820487	79.90	ng	0.00
23) Nitrobenzene-d5	9.20	82	757177	76.91	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	336886	85.08	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	1953230	79.22	ng	0.00
78) Terphenyl-d14	19.98	244	2907538	80.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	129418	37.70	ng	# 71
3) Pyridine	3.91	79	367222	39.06	ng	# 60
4) n-Nitrosodimethylamine	3.82	42	93832	36.51	ng	# 1
6) Aniline	7.37	93	541238	39.46	ng	# 88
8) 2-Chlorophenol	7.61	128	349428	40.57	ng	# 81
9) Benzaldehyde	7.18	77	263461	38.01	ng	# 68
10) Phenol	7.23	94	432630	39.48	ng	# 71
11) bis(2-Chloroethyl)ether	7.46	93	354353	39.44	ng	# 80
12) 1,3-Dichlorobenzene	7.94	146	411843	40.17	ng	# 86
13) 1,4-Dichlorobenzene	8.08	146	417953m	40.30	ng	
14) 1,2-Dichlorobenzene	8.40	146	399997	40.30	ng	# 88
15) Benzyl Alcohol	8.28	79	263223	39.10	ng	# 76
16) 2,2'-oxybis(1-Chloropropan	8.57	45	354493	35.53	ng	80
17) 2-Methylphenol	8.48	107	314830	40.46	ng	# 80
18) Hexachloroethane	9.13	117	131536	38.78	ng	90
19) n-Nitroso-di-n-propylamine	8.85	70	251147	38.05	ng	# 70
20) 3+4-Methylphenols	8.81	107	435963	40.69	ng	86
22) Acetophenone	8.86	105	537459	39.48	ng	# 73
24) Nitrobenzene	9.25	77	374320	38.51	ng	# 72
25) Isophorone	9.77	82	716018	38.59	ng	# 87
26) 2-Nitrophenol	9.96	139	211642	41.84	ng	# 61
27) 2,4-Dimethylphenol	10.02	122	335563	40.42	ng	86
28) bis(2-Chloroethoxy)methane	10.24	93	479052	39.74	ng	# 98
29) 2,4-Dichlorophenol	10.49	162	356262	42.43	ng	94
30) 1,2,4-Trichlorobenzene	10.71	180	390883	41.44	ng	98
31) Naphthalene	10.90	128	1204034	40.23	ng	100
32) Benzoic acid	10.15	122	265310	41.53	ng	# 68
33) 4-Chloroaniline	11.00	127	499268	41.01	ng	# 81
34) Hexachlorobutadiene	11.18	225	229086	41.17	ng	98
35) Caprolactam	11.76	113	130219	39.36	ng	# 54
36) 4-Chloro-3-methylphenol	12.11	107	362462	40.36	ng	# 74
37) 2-Methylnaphthalene	12.49	142	885525	40.39	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	427782	41.12	ng	97
40) Hexachlorocyclopentadiene	12.84	237	218083	39.83	ng	94

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032117\
 Data File : BG026355.D
 Acq On : 21 Mar 2017 11:26
 Operator : SJ/MA
 Sample : SSTDC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTDC040

Manual Integrations
 APPROVED

mohammad
 3/23/2017 3:31:39 PM

Quant Time: Mar 22 04:23:55 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 17:43:27 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	286109	42.00	ng	95
43) 2,4,5-Trichlorophenol	13.17	196	313350	41.62	ng #	92
45) 1,1'-Biphenyl	13.49	154	1137003	39.71	ng	98
46) 2-Chloronaphthalene	13.53	162	842872	40.30	ng	96
47) 2-Nitroaniline	13.73	65	226262	38.04	ng #	55
48) Acenaphthylene	14.38	152	1458391	40.00	ng	98
49) Dimethylphthalate	14.10	163	1049397	40.21	ng	98
50) 2,6-Dinitrotoluene	14.22	165	258211	42.39	ng #	59
51) Acenaphthene	14.72	154	890536	39.67	ng	99
52) 3-Nitroaniline	14.55	138	276215	41.19	ng #	69
53) 2,4-Dinitrophenol	14.76	184	128613	36.40	ng #	76
54) Dibenzofuran	15.04	168	1264437	40.00	ng #	89
55) 4-Nitrophenol	14.86	139	224865	40.94	ng #	38
56) 2,4-Dinitrotoluene	15.01	165	352934	41.20	ng #	68
57) Fluorene	15.70	166	1133600	40.30	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.27	232	268613	40.91	ng #	97
59) Diethylphthalate	15.46	149	1049696	39.35	ng	99
60) 4-Chlorophenyl-phenylether	15.68	204	546638	41.01	ng	92
61) 4-Nitroaniline	15.71	138	285575	40.25	ng #	49
62) Azobenzene	15.97	77	817731	37.70	ng	80
64) 4,6-Dinitro-2-methylphenol	15.77	198	214516	42.05	ng	86
65) n-Nitrosodiphenylamine	15.90	169	969073	40.80	ng	99
66) 4-Bromophenyl-phenylether	16.57	248	352676	42.34	ng	97
67) Hexachlorobenzene	16.70	284	373332	42.02	ng	90
68) Atrazine	16.84	200	362831	40.36	ng	97
69) Pentachlorophenol	17.04	266	239088	41.39	ng	97
70) Phenanthrene	17.42	178	1714924	39.46	ng	98
71) Anthracene	17.52	178	1763435	39.77	ng	99
72) Carbazole	17.78	167	1805870	39.56	ng	96
73) Di-n-butylphthalate	18.34	149	1834350	39.11	ng #	93
74) Fluoranthene	19.43	202	2002502	39.19	ng	96
76) Benzidine	19.60	184	1183907	38.97	ng	99
77) Pyrene	19.79	202	2067836	40.53	ng	99
79) Butylbenzylphthalate	20.66	149	829274	40.62	ng	85
80) Benzo(a)anthracene	21.61	228	1973477	39.80	ng	99
81) 3,3'-Dichlorobenzidine	21.53	252	833035	41.03	ng #	99
82) Chrysene	21.68	228	1879189	39.66	ng	99
83) Bis(2-ethylhexyl)phthalate	21.51	149	1220173	39.57	ng	99
84) Di-n-octyl phthalate	22.70	149	2088624	39.69	ng #	81
85) Indeno(1,2,3-cd)pyrene	28.44	276	2426804	41.49	ng #	87
87) Benzo(b)fluoranthene	23.81	252	2051236	39.05	ng #	97
88) Benzo(k)fluoranthene	23.87	252	2102628	41.28	ng #	95
89) Benzo(a)pyrene	24.66	252	2001655	39.73	ng #	95
90) Dibenzo(a,h)anthracene	28.50	278	2074258	40.74	ng #	93
91) Benzo(g,h,i)perylene	29.59	276	2058586	40.13	ng #	88

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

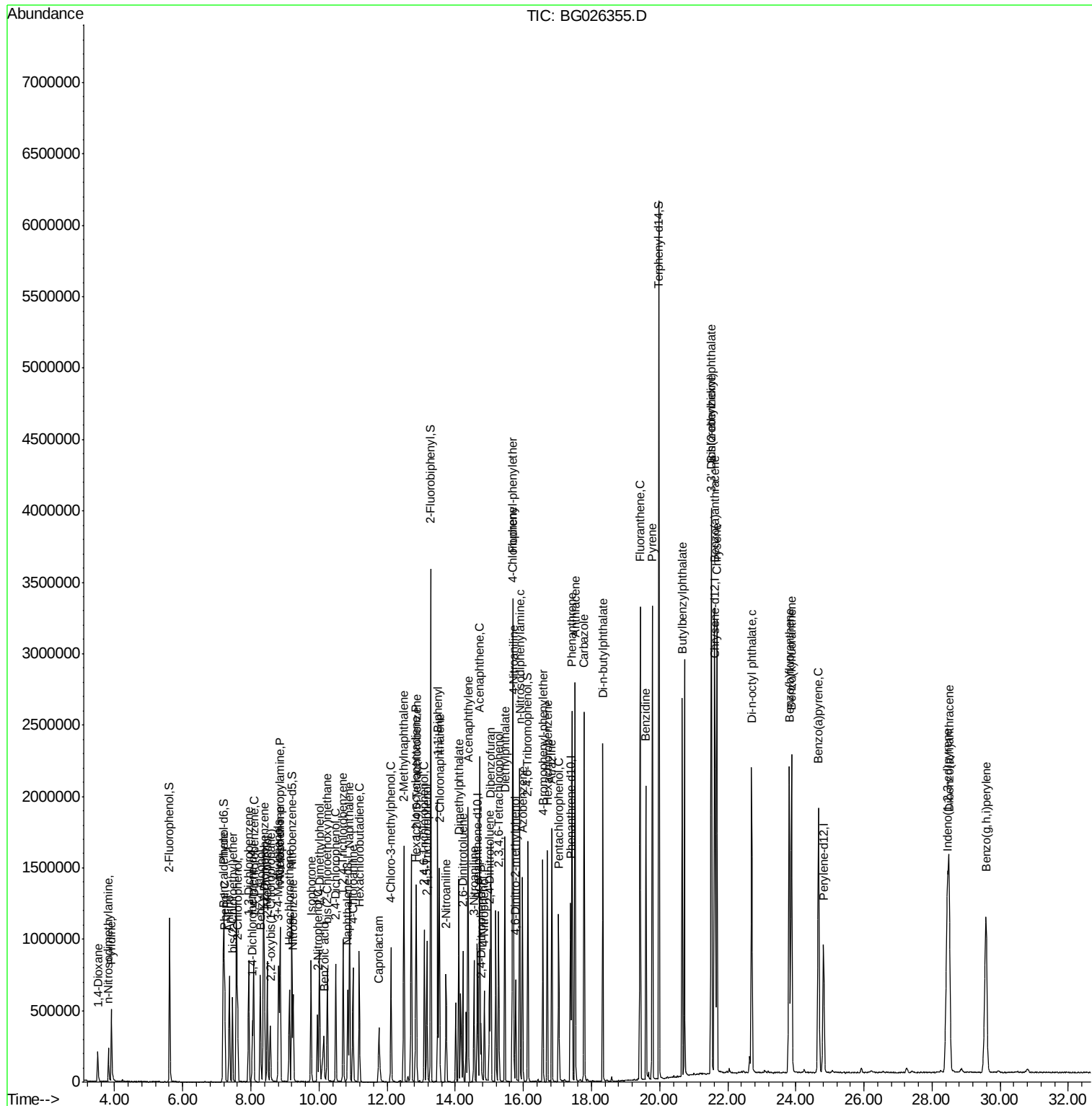
```
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032117\
Data File : BG026355.D
Acq On    : 21 Mar 2017  11:26
Operator  : SJ/MA
Sample    : SSTDCCC040
Misc      :
ALS Vial  : 2      Sample Multiplier: 1
```

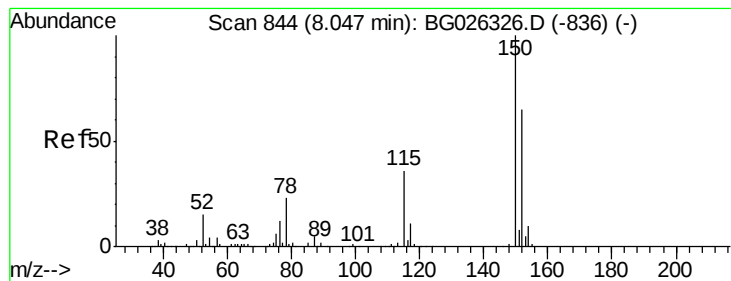
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

mohammad
3/23/2017 3:31:39 PM

Quant Time: Mar 22 04:23:55 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 20 17:43:27 2017
Response via : Initial Calibration





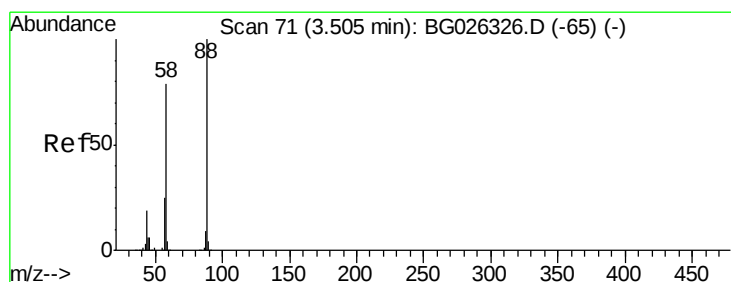
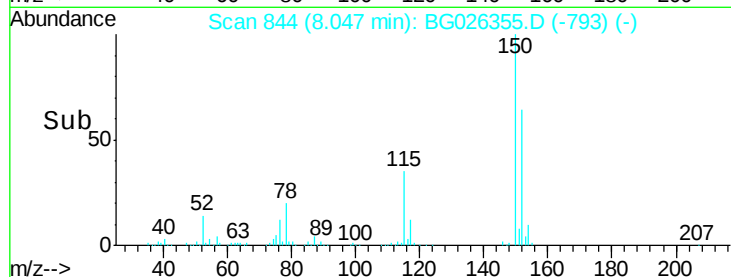
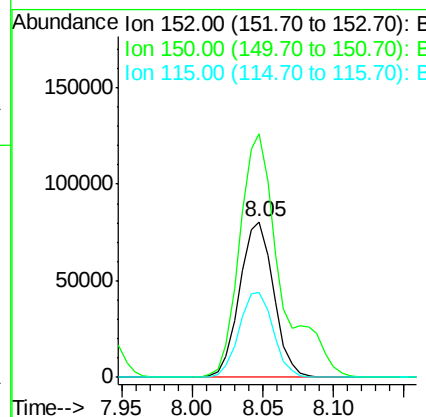
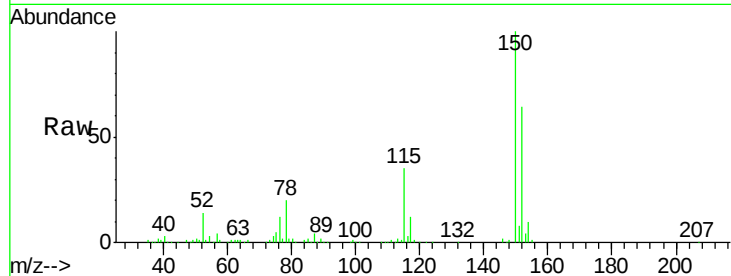
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.05 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: BG026355.D
 Acq: 21 Mar 2017 11:26

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.1	114.0	171.0
115	54.8	48.1	72.1

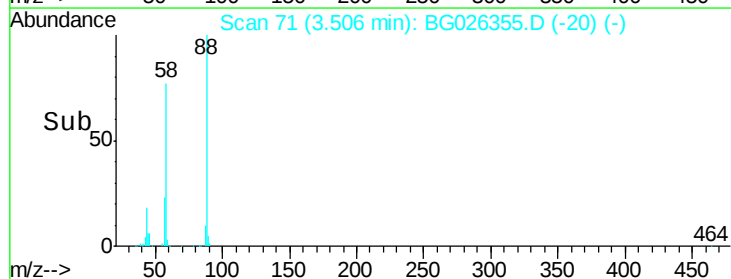
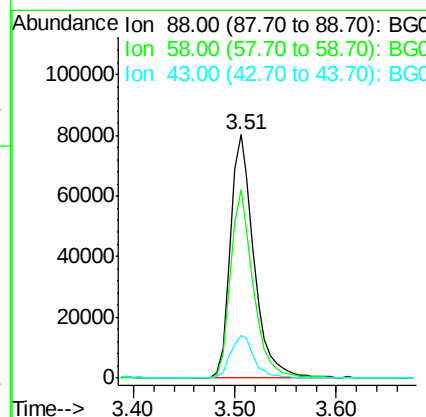
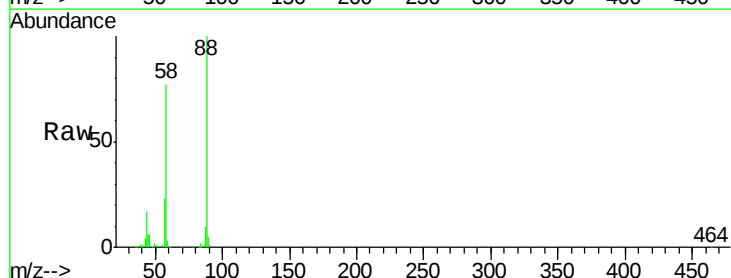
Manual Integrations
 APPROVED

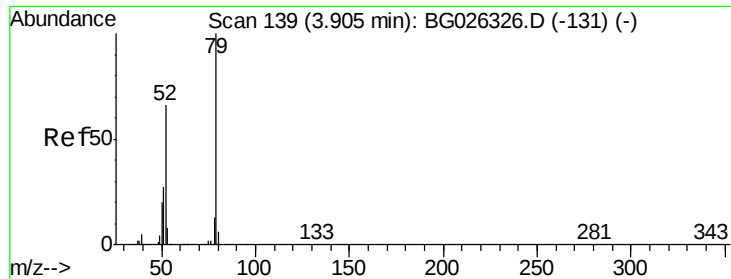
mohammad
 3/23/2017 3:31:39 PM



#2
 1,4-Dioxane
 Concen: 37.70 ng
 RT: 3.51 min Scan# 71
 Delta R.T. 0.00 min
 Lab File: BG026355.D
 Acq: 21 Mar 2017 11:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.4	79.4	119.2#
43	17.7	33.8	50.6#





#3

Pyridine

Concen: 39.06 ng

RT: 3.91 min Scan# 139

Delta R.T. 0.00 min

Lab File: BG026355.D

Acq: 21 Mar 2017 11:26

Instrument :

BNA_G

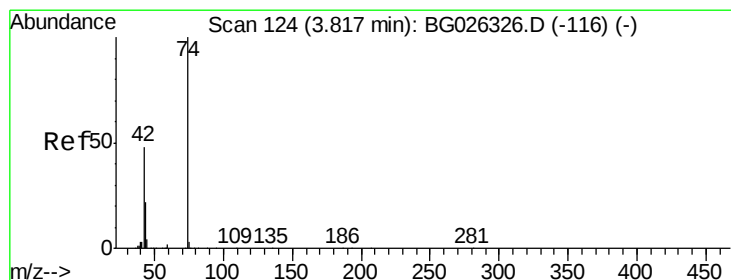
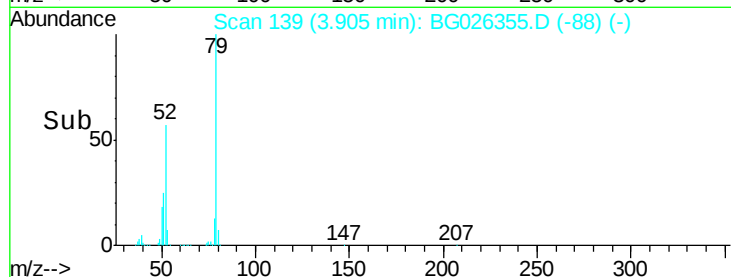
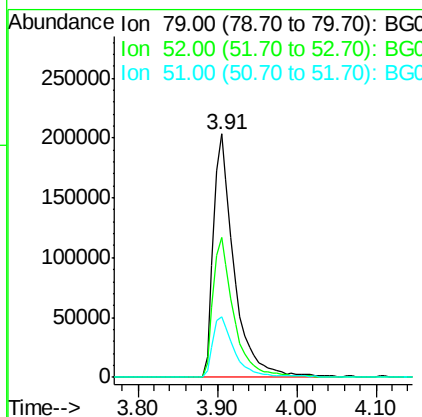
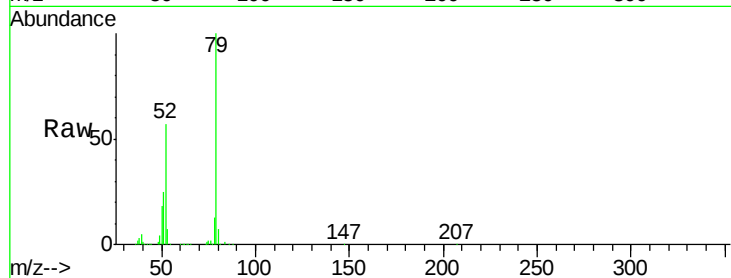
ClientSampled :

SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
79	100		
52	57.3	77.8	116.6#
51	25.1	43.2	64.8#

Manual Integrations
APPROVED

mohammad
3/23/2017 3:31:39 PM



#4

n-Nitrosodimethylamine

Concen: 36.51 ng

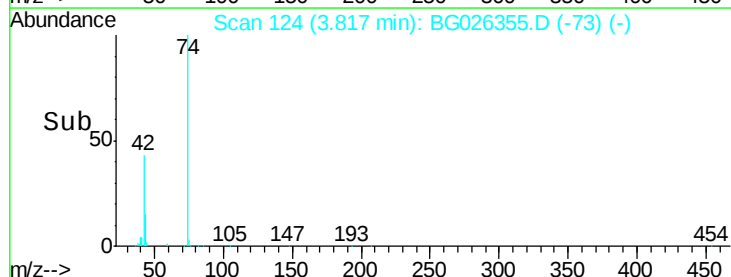
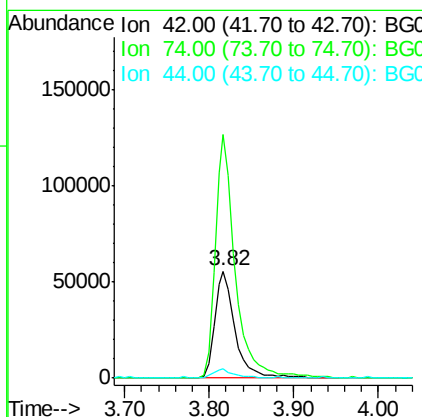
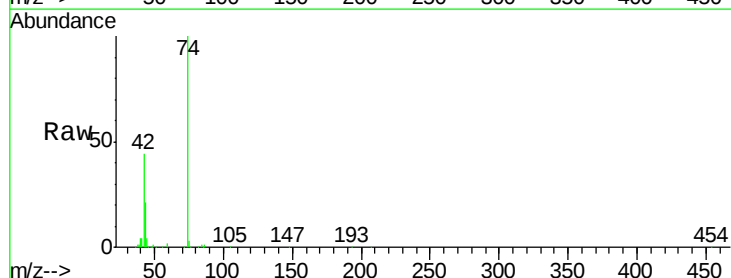
RT: 3.82 min Scan# 124

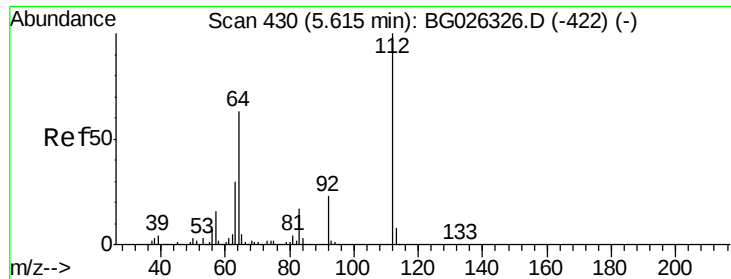
Delta R.T. 0.00 min

Lab File: BG026355.D

Acq: 21 Mar 2017 11:26

Tgt Ion	Ratio	Lower	Upper
42	100		
74	228.3	76.7	115.1#
44	9.0	6.1	9.1





#5

2-Fluorophenol

Concen: 79.43 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG026355.D

Acq: 21 Mar 2017 11:26

Instrument :

BNA_G

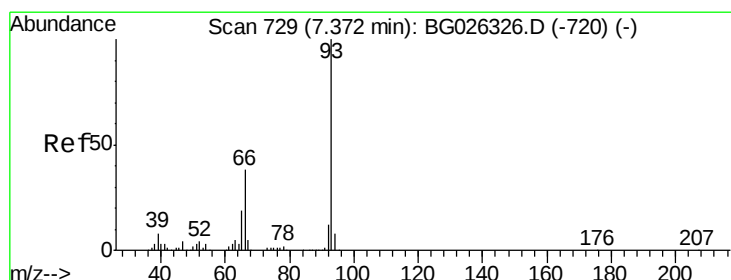
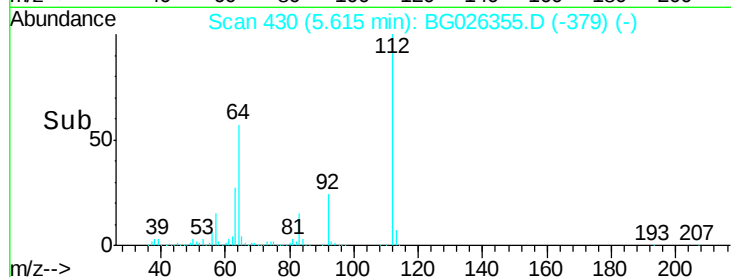
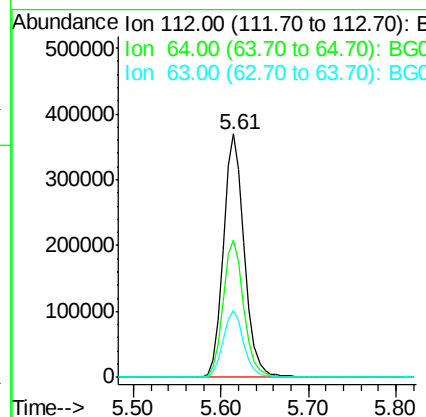
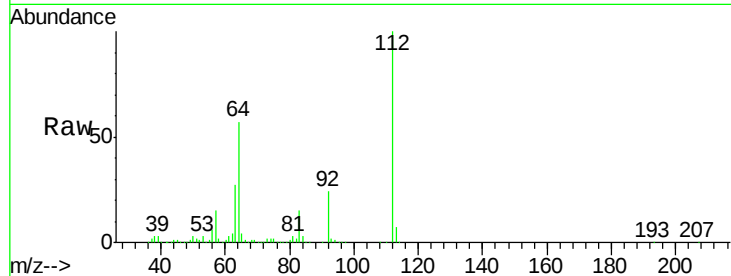
ClientSampleId :

SSTDCCC040

Tgt Ion:	112	Resp:	607548
Ion Ratio	Lower	Upper	
112	100		
64	56.6	61.8	92.6#
63	27.4	37.2	55.8#

Manual Integrations
APPROVED

mohammad
3/23/2017 3:31:39 PM



#6

Aniline

Concen: 39.46 ng

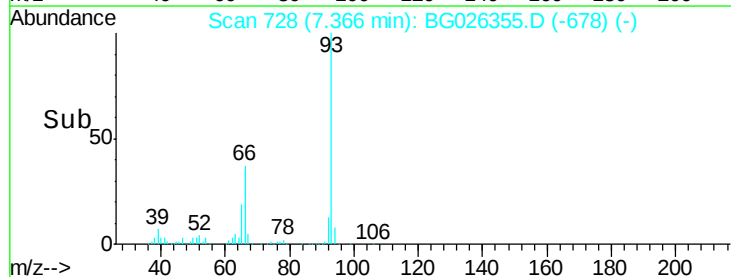
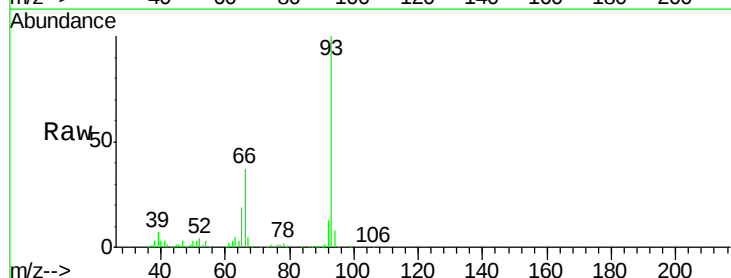
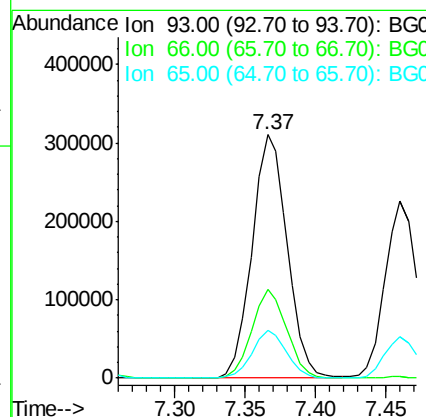
RT: 7.37 min Scan# 728

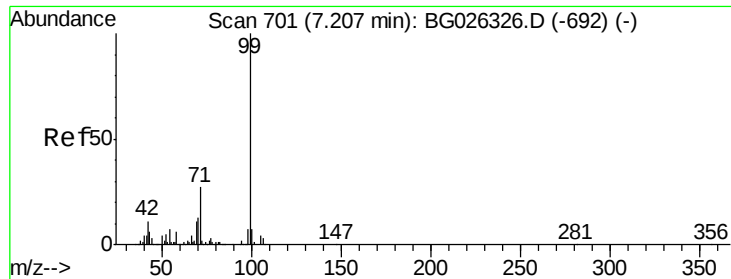
Delta R.T. -0.01 min

Lab File: BG026355.D

Acq: 21 Mar 2017 11:26

Tgt Ion:	93	Resp:	541238
Ion Ratio	Lower	Upper	
93	100		
66	36.7	35.4	53.2
65	19.5	21.2	31.8#





#7

Phenol-d6

Concen: 79.90 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG026355.D

Acq: 21 Mar 2017 11:26

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 820487

Ion Ratio Lower Upper

99 100

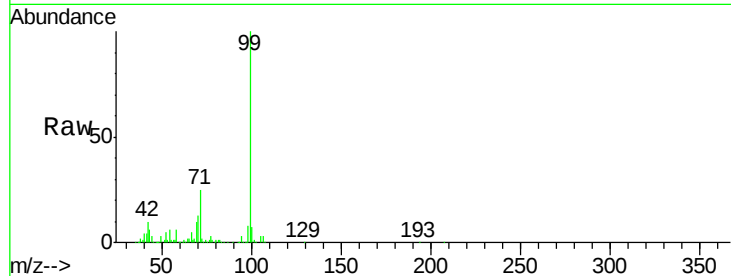
42 10.2 20.5 30.7#

71 25.0 37.6 56.4#

Manual Integrations
APPROVED

mohammad

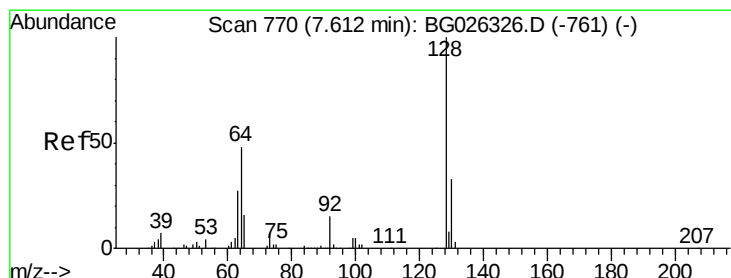
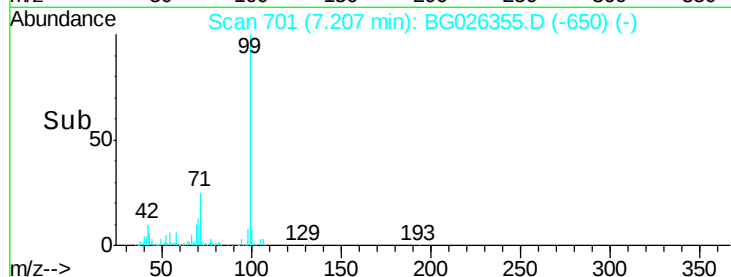
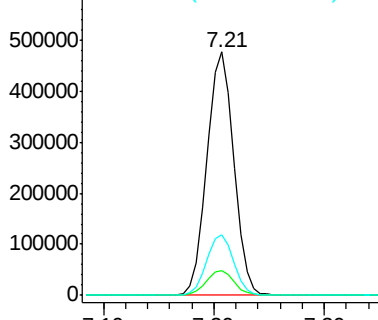
3/23/2017 3:31:39 PM



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 40.57 ng

RT: 7.61 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG026355.D

Acq: 21 Mar 2017 11:26

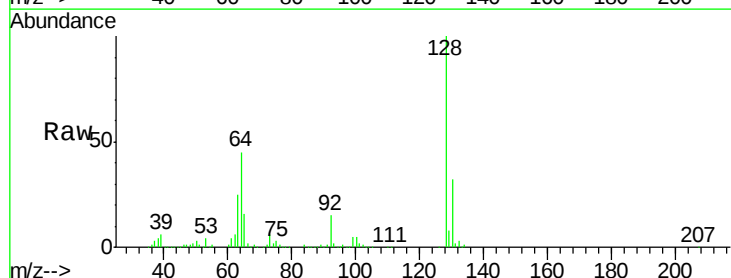
Tgt Ion: 128 Resp: 349428

Ion Ratio Lower Upper

128 100

130 31.9 11.4 51.4

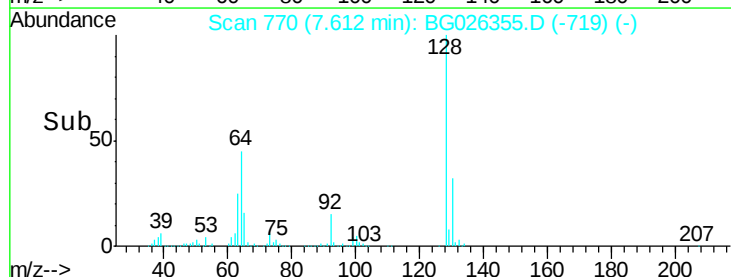
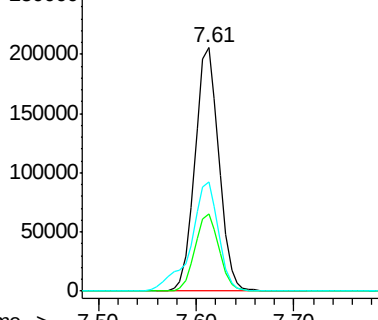
64 45.1 46.6 86.6#

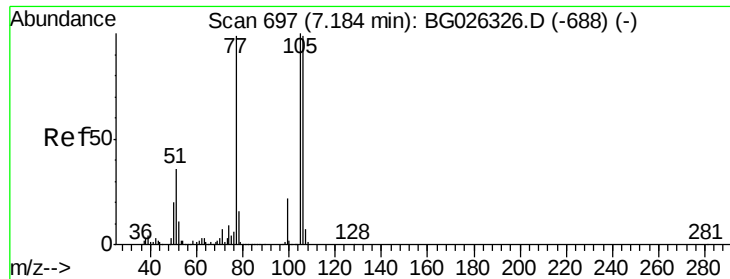


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 38.01 ng

RT: 7.18 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG026355.D

Acq: 21 Mar 2017 11:26

Instrument :

BNA_G

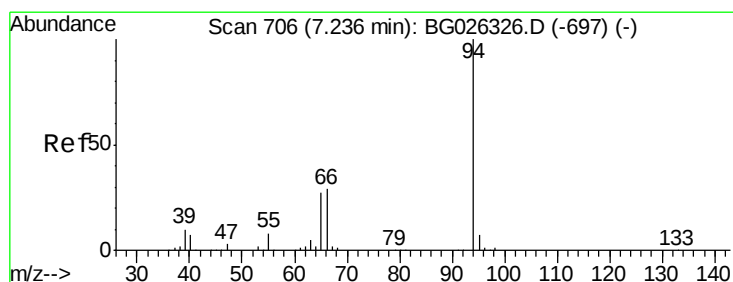
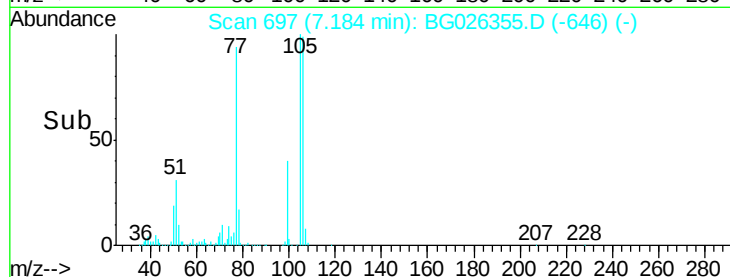
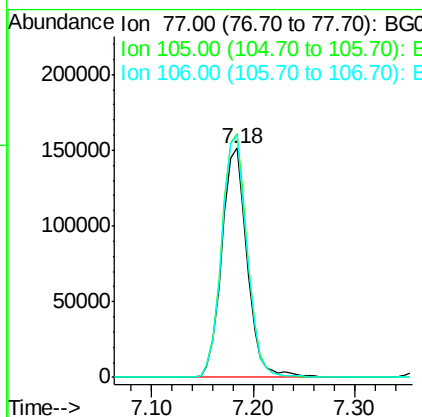
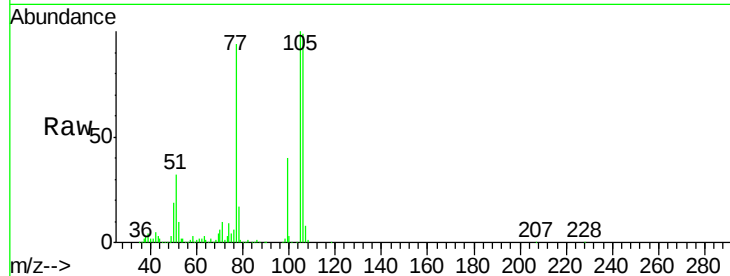
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
77	100		
105	106.1	60.9	100.9#
106	105.4	55.1	95.1#

Manual Integrations
APPROVED

mohammad
3/23/2017 3:31:39 PM



#10

Phenol

Concen: 39.48 ng

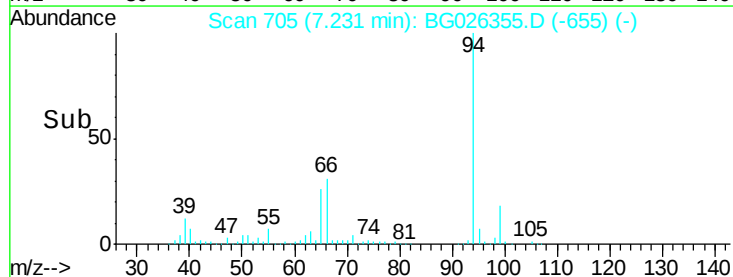
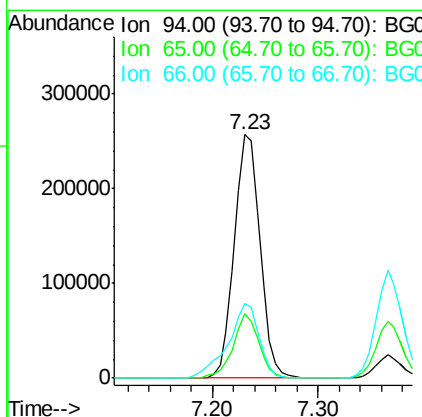
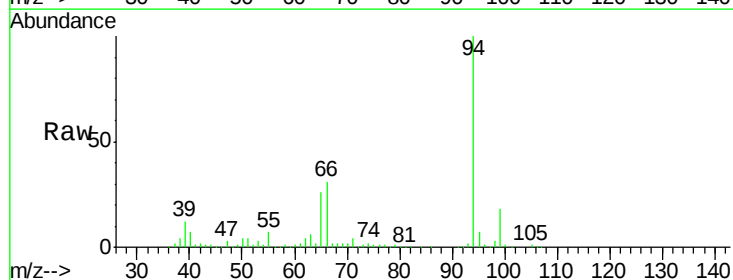
RT: 7.23 min Scan# 705

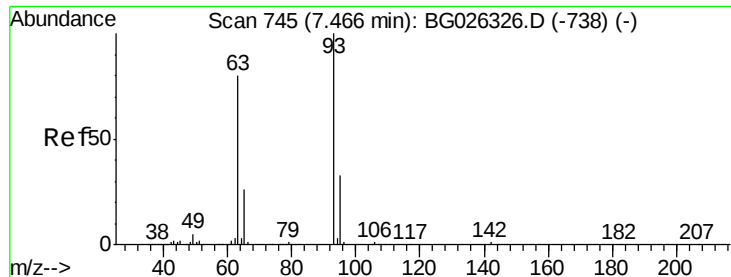
Delta R.T. -0.01 min

Lab File: BG026355.D

Acq: 21 Mar 2017 11:26

Tgt Ion	Ratio	Lower	Upper
94	100		
65	26.3	20.6	60.6
66	30.7	35.5	75.5#





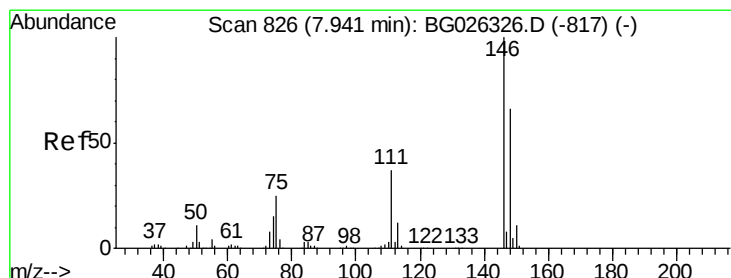
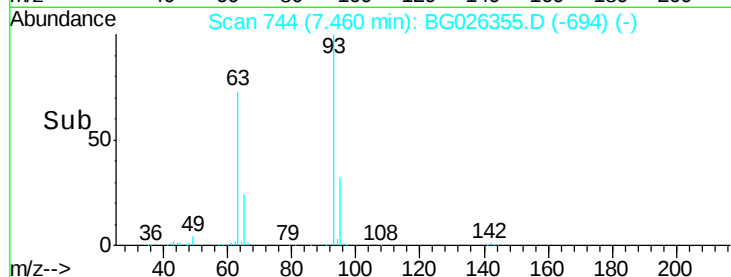
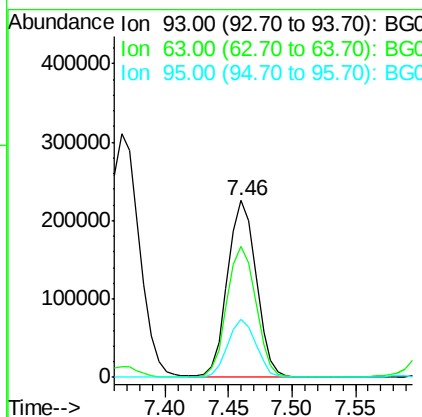
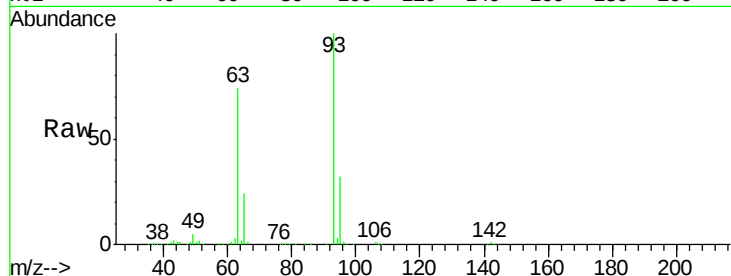
#11
bis(2-Chloroethyl)ether
Concen: 39.44 ng
RT: 7.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BG026355.D
Acq: 21 Mar 2017 11:26

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
93	100		
63	74.0	78.5	118.5#
95	32.4	9.8	49.8

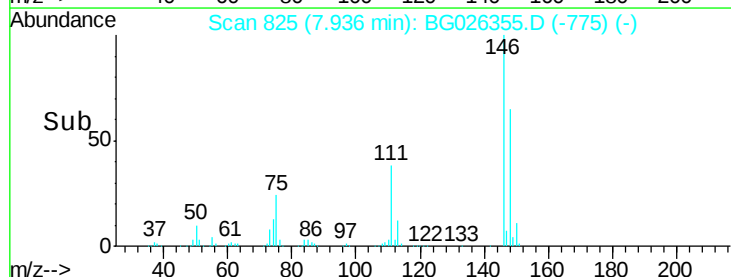
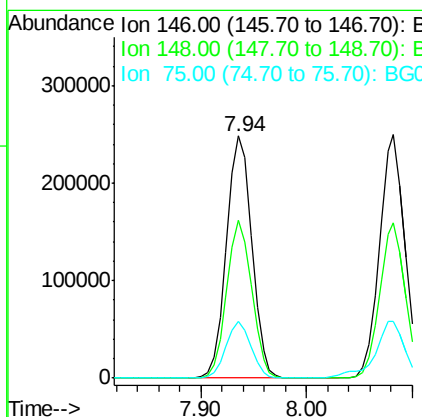
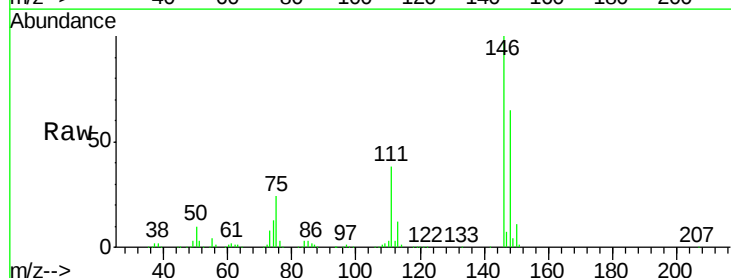
Manual Integrations
APPROVED

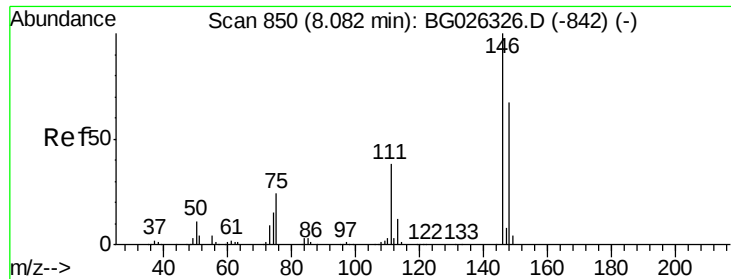
mohammad
3/23/2017 3:31:39 PM



#12
1,3-Dichlorobenzene
Concen: 40.17 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BG026355.D
Acq: 21 Mar 2017 11:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	49.2	73.8
75	23.7	33.4	50.2#





#13

1,4-Dichlorobenzene

Concen: 40.30 ng m

RT: 8.08 min Scan# 850

Delta R.T. 0.00 min

Lab File: BG026355.D

Acq: 21 Mar 2017 11:26

Instrument :

BNA_G

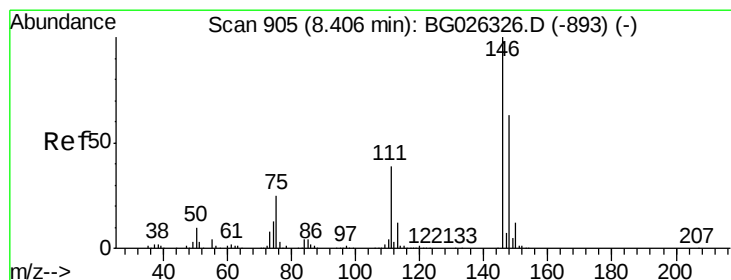
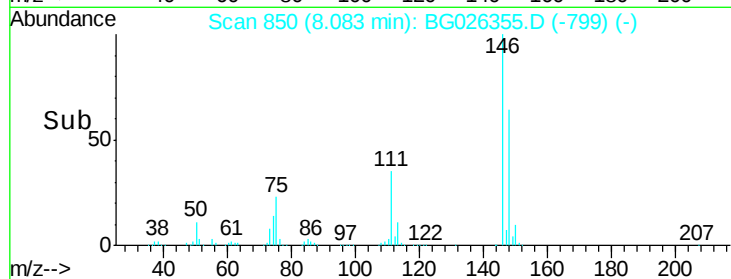
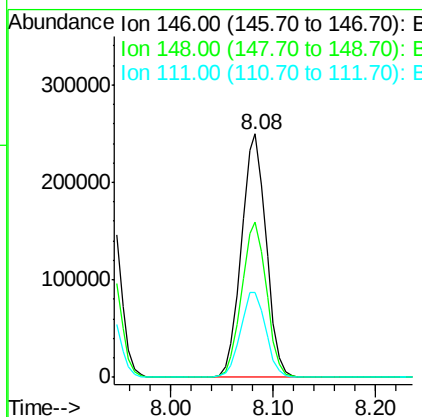
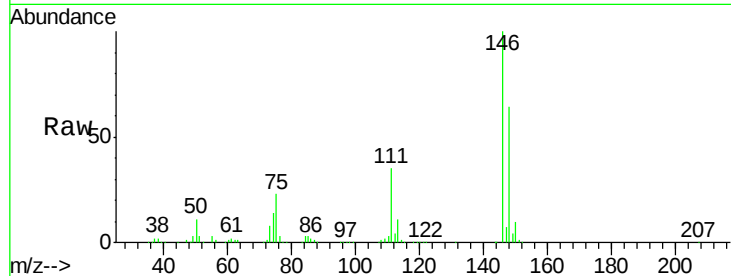
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.2	78.2
111	35.0	37.0	55.6

Manual Integrations
APPROVED

mohammad
3/23/2017 3:31:39 PM



#14

1,2-Dichlorobenzene

Concen: 40.30 ng

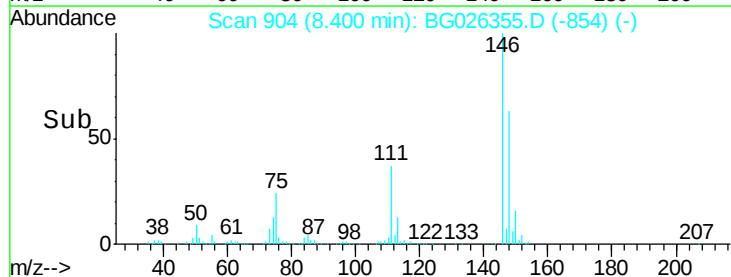
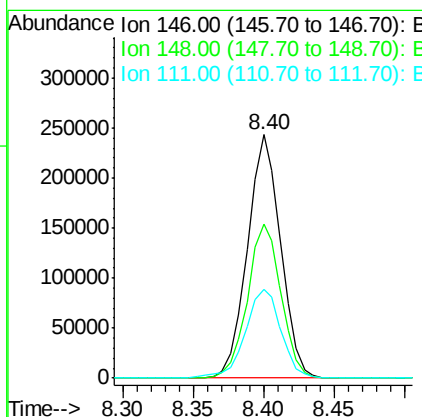
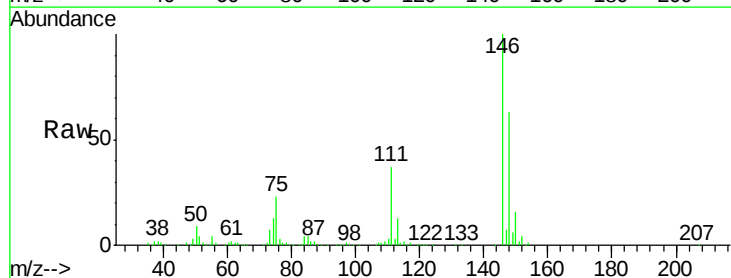
RT: 8.40 min Scan# 904

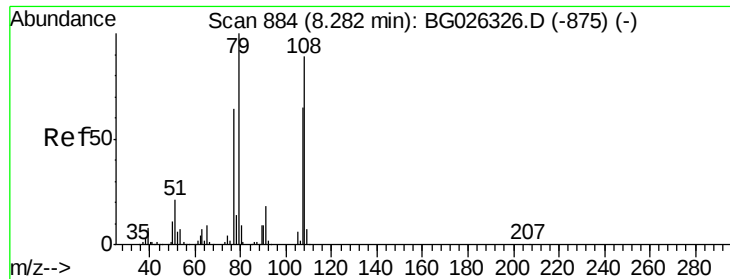
Delta R.T. -0.01 min

Lab File: BG026355.D

Acq: 21 Mar 2017 11:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	54.6	81.8
111	36.6	39.7	59.5





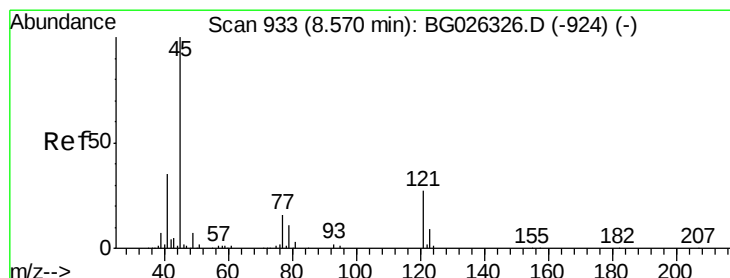
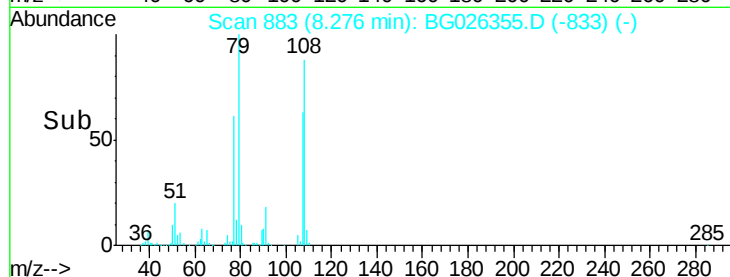
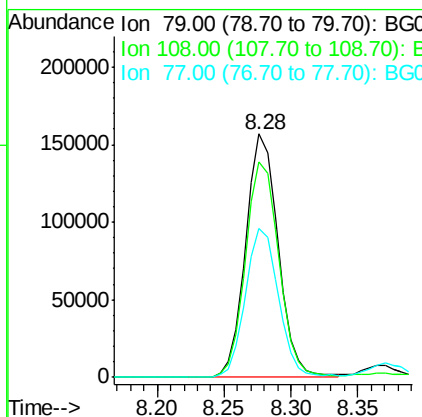
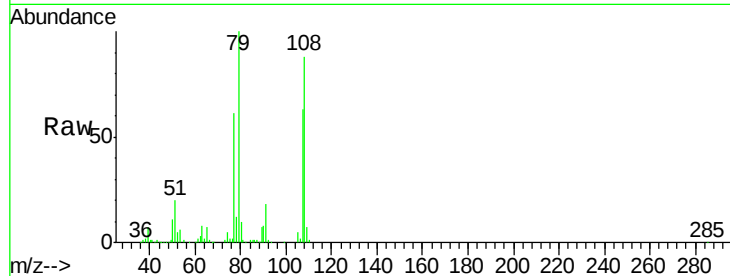
#15
Benzyl Alcohol
Concen: 39.10 ng
RT: 8.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BG026355.D
Acq: 21 Mar 2017 11:26

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 263223
Ion Ratio Lower Upper
79 100
108 88.5 45.5 68.3#
77 61.0 54.3 81.5

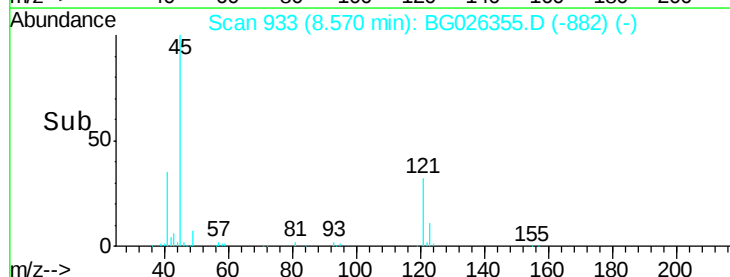
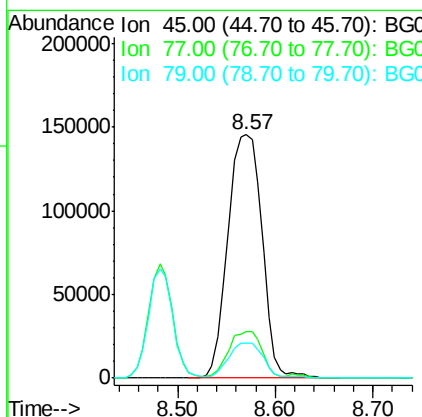
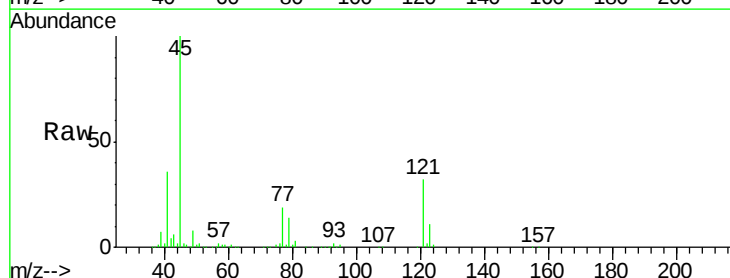
Manual Integrations
APPROVED

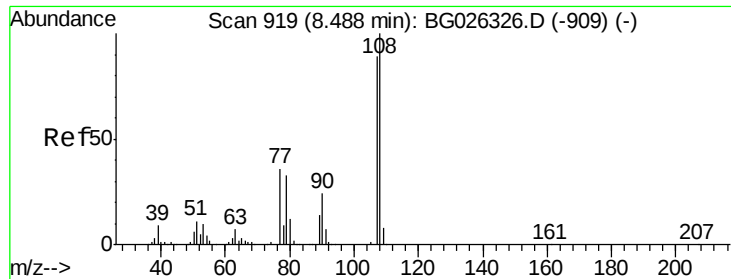
mohammad
3/23/2017 3:31:39 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.53 ng
RT: 8.57 min Scan# 933
Delta R.T. 0.00 min
Lab File: BG026355.D
Acq: 21 Mar 2017 11:26

Tgt Ion: 45 Resp: 354493
Ion Ratio Lower Upper
45 100
77 18.9 0.0 30.6
79 14.4 0.0 28.5





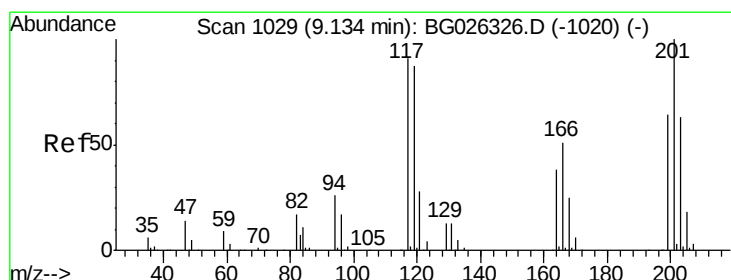
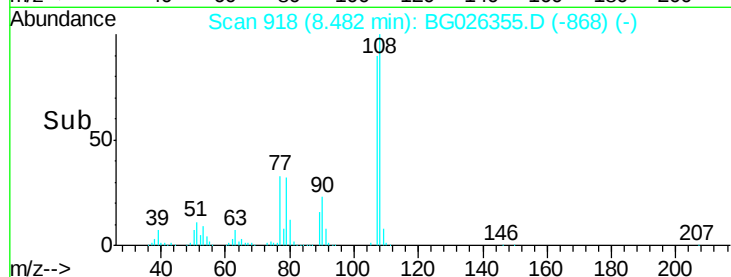
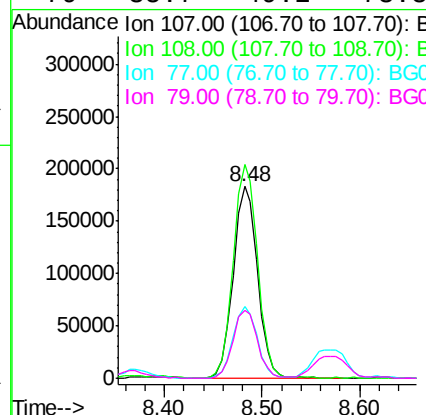
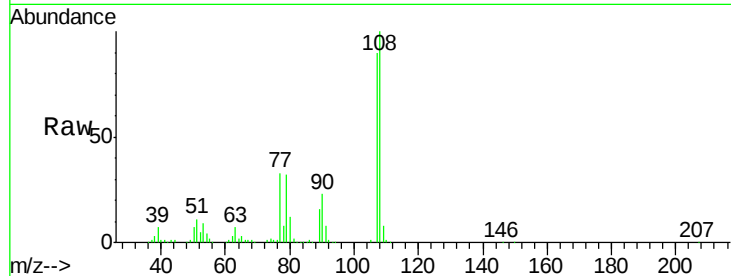
#17
2-Methylphenol
Concen: 40.46 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.01 min
Lab File: BG026355.D
Acq: 21 Mar 2017 11:26

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	314830		
108	111.5	85.6	128.4	
77	37.2	51.4	77.2#	
79	35.7	49.2	73.8#	

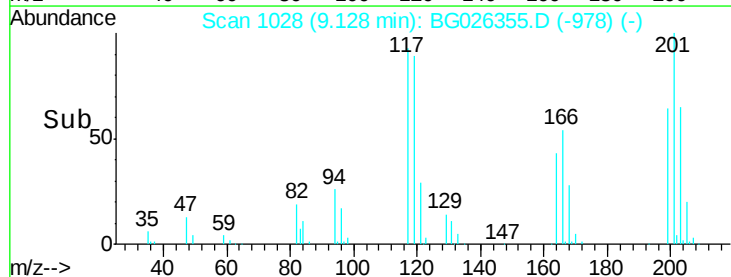
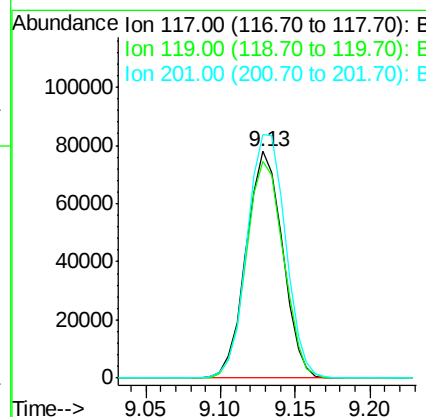
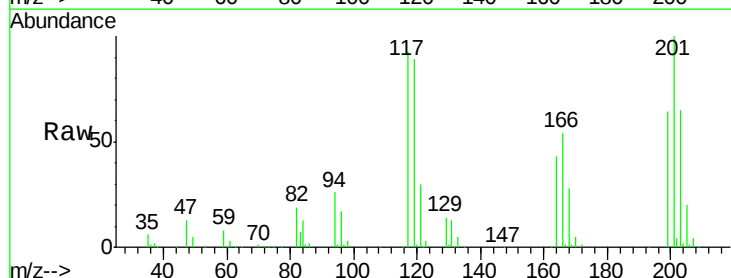
Manual Integrations
APPROVED

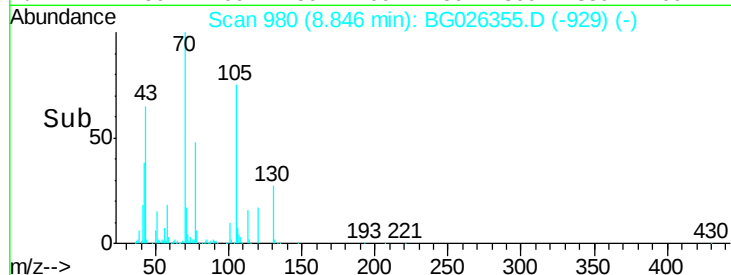
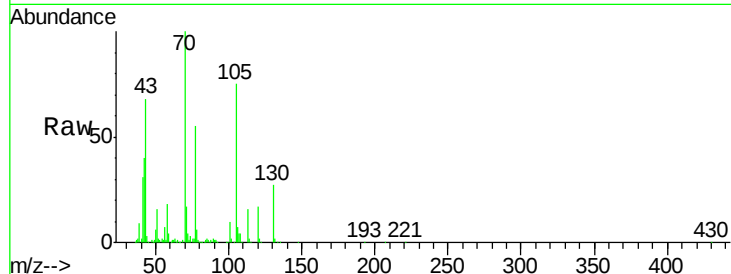
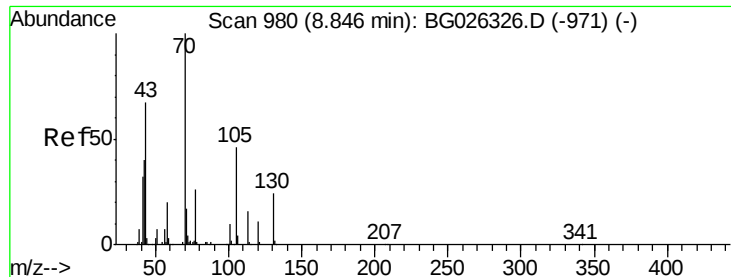
mohammad
3/23/2017 3:31:39 PM



#18
Hexachloroethane
Concen: 38.78 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG026355.D
Acq: 21 Mar 2017 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	131536		
119	95.5	69.8	104.6	
201	107.3	95.4	143.0	





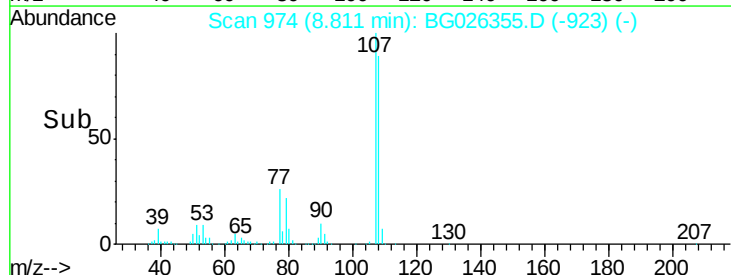
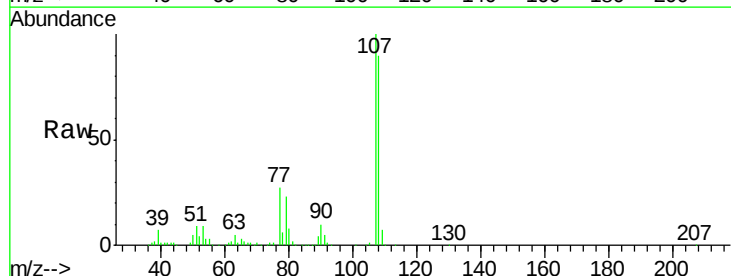
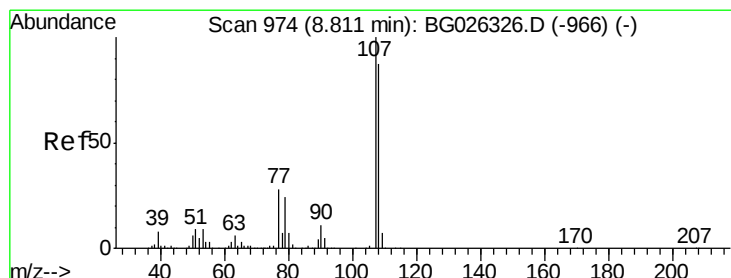
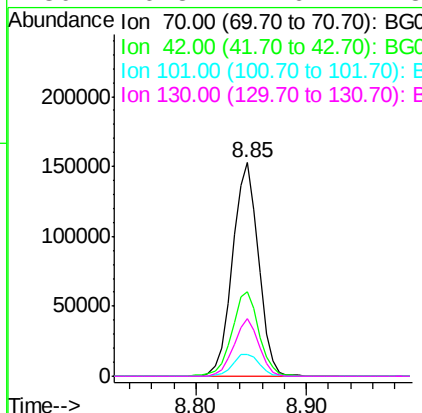
#19
n-Nitroso-di-n-propylamine
Concen: 38.05 ng
RT: 8.85 min Scan# 980
Delta R.T. 0.00 min
Lab File: BG026355.D
Acq: 21 Mar 2017 11:26

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
70	100		
42	39.8	56.1	84.1#
101	10.3	7.5	11.3
130	26.8	14.6	21.8#

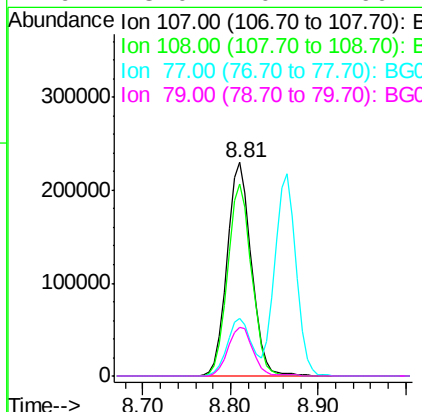
Manual Integrations
APPROVED

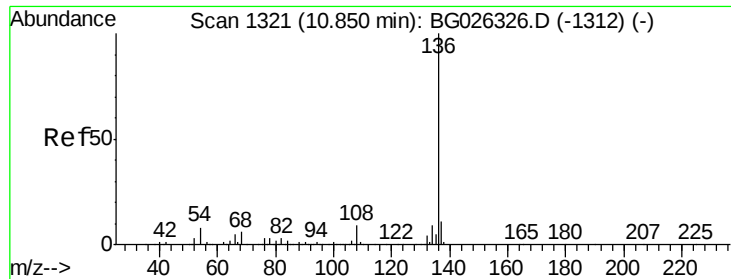
mohammad
3/23/2017 3:31:39 PM



#20
3+4-Methylphenols
Concen: 40.69 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG026355.D
Acq: 21 Mar 2017 11:26

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.1	70.8	110.8
77	26.7	25.8	65.8
79	23.0	20.1	60.1





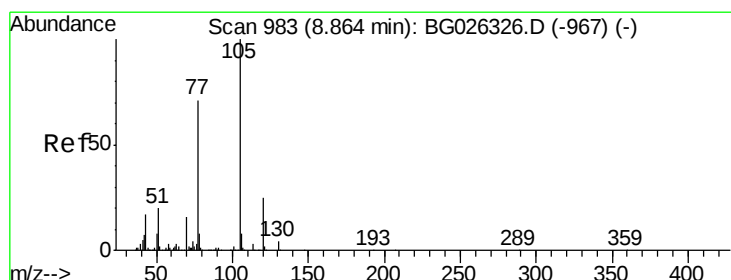
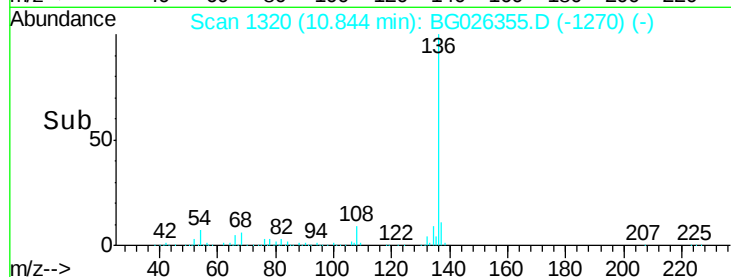
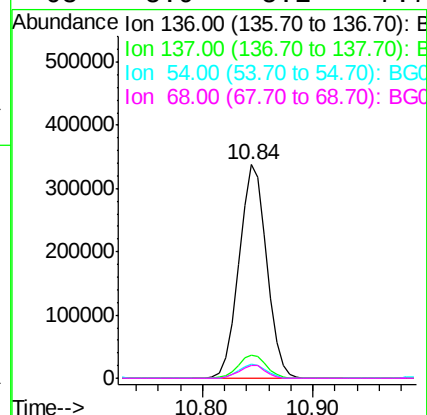
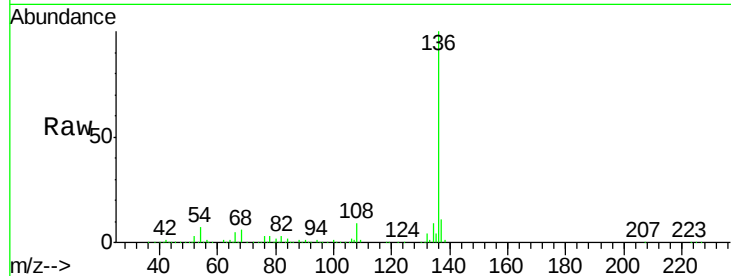
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BG026355.D
Acq: 21 Mar 2017 11:26

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	591977		
137	11.1	8.9	13.3	
54	6.9	9.3	13.9	
68	5.9	5.1	7.7	

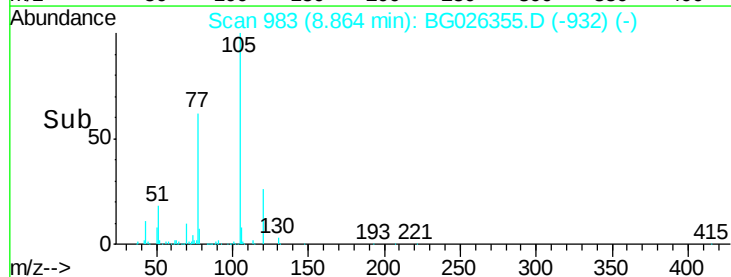
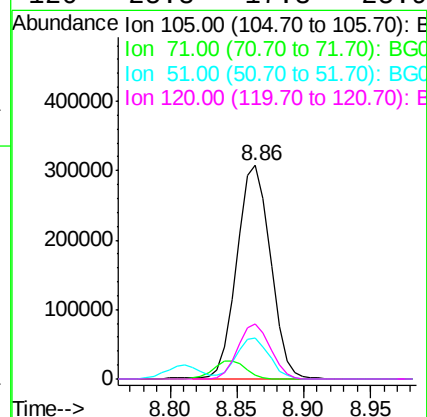
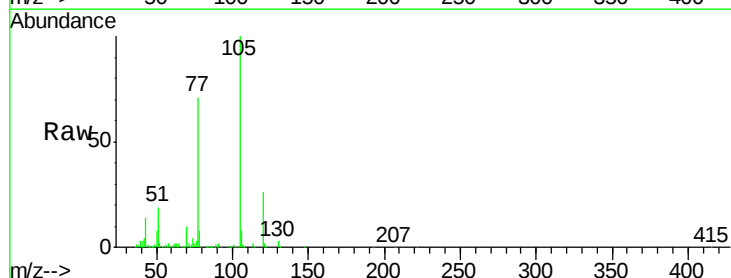
Manual Integrations
APPROVED

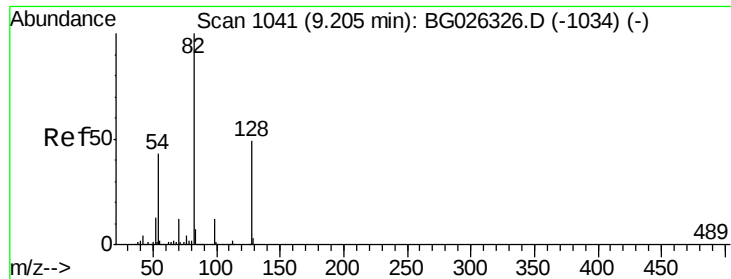
mohammad
3/23/2017 3:31:39 PM



#22
Acetophenone
Concen: 39.48 ng
RT: 8.86 min Scan# 983
Delta R.T. 0.00 min
Lab File: BG026355.D
Acq: 21 Mar 2017 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	537459		
71	1.6	0.9	1.3	
51	19.2	34.0	51.0	
120	25.8	17.3	25.9	





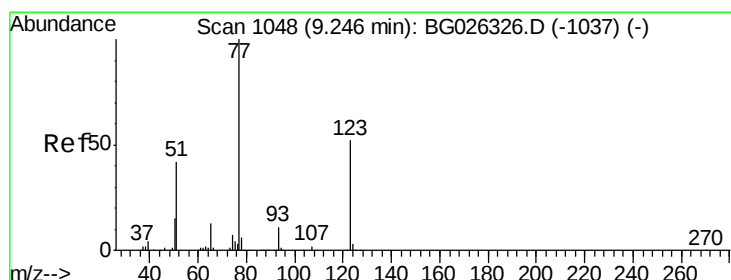
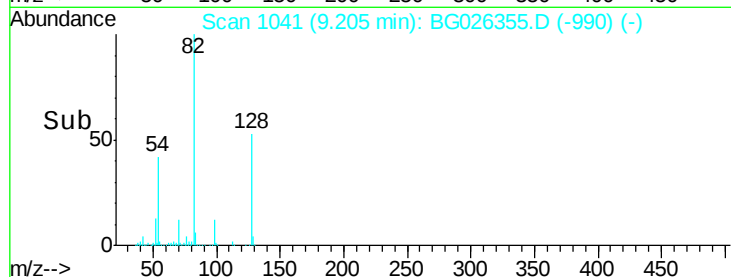
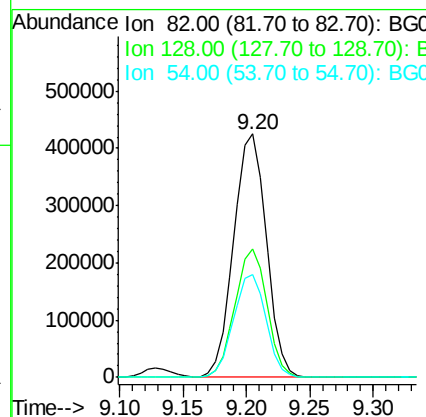
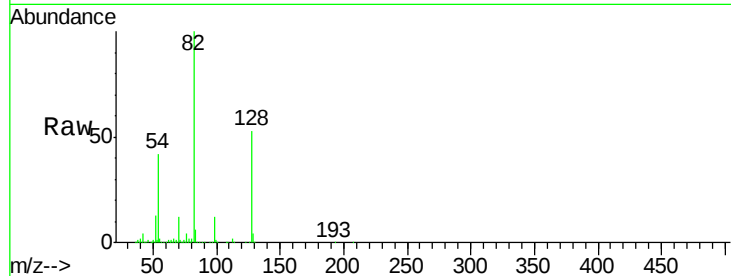
#23
 Nitrobenzene-d5
 Concen: 76.91 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BG026355.D
 Acq: 21 Mar 2017 11:26

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
82	100		
128	52.5	26.4	39.6#
54	42.0	49.4	74.2#

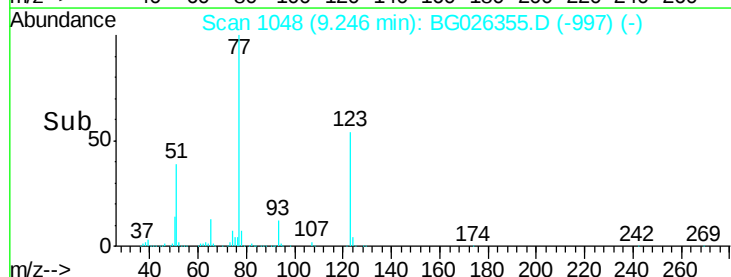
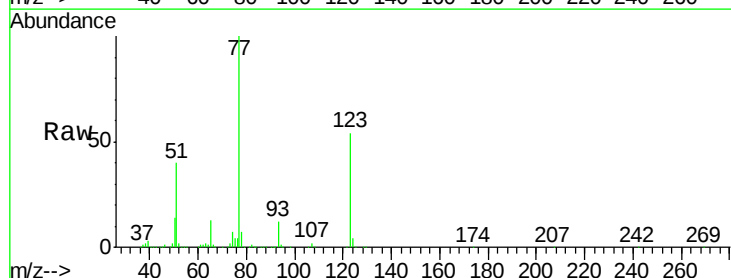
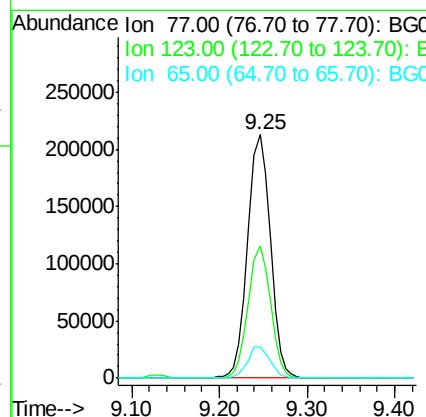
Manual Integrations
 APPROVED

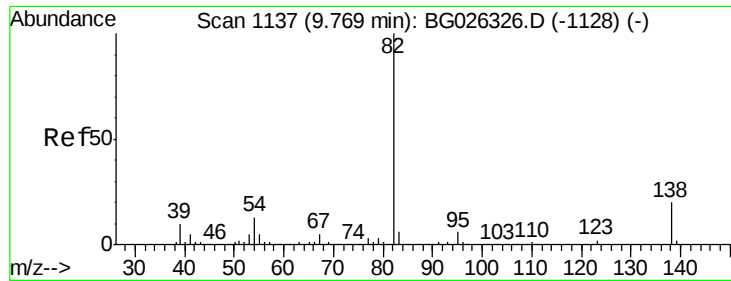
mohammad
 3/23/2017 3:31:39 PM



#24
 Nitrobenzene
 Concen: 38.51 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: BG026355.D
 Acq: 21 Mar 2017 11:26

Tgt Ion	Ratio	Lower	Upper
77	100		
123	54.1	26.1	39.1#
65	12.5	12.4	18.6





#25

Isophorone

Concen: 38.59 ng

RT: 9.77 min Scan# 1137

Delta R.T. 0.00 min

Lab File: BG026355.D

Acq: 21 Mar 2017 11:26

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 716018
Ion Ratio Lower Upper

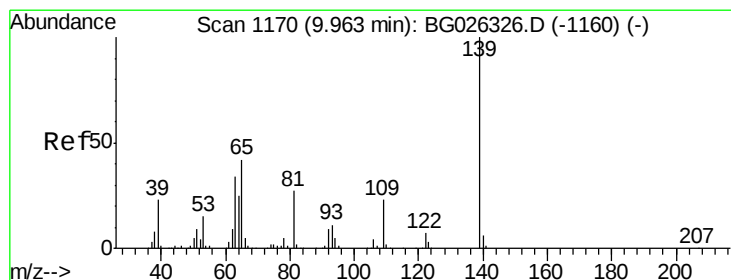
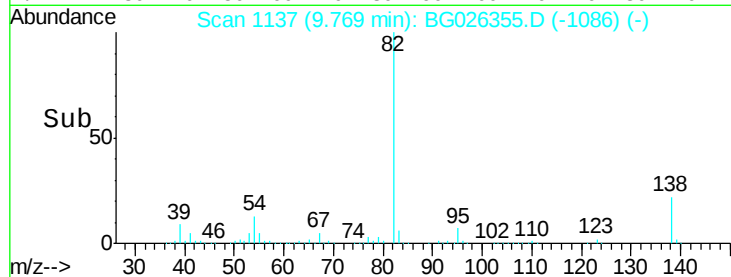
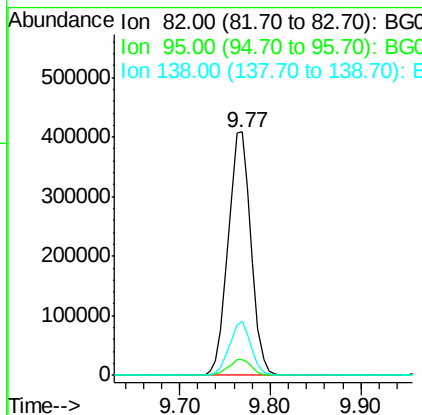
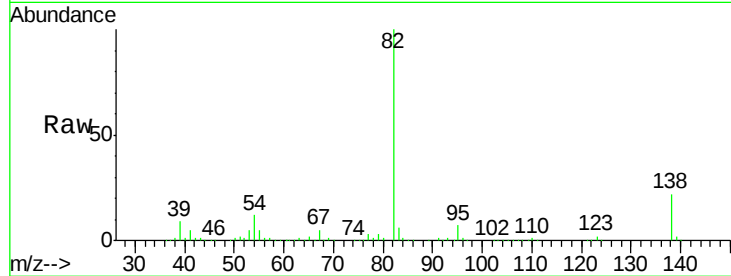
82 100

95 6.6 7.5 11.3#

138 22.0 12.3 18.5#

Manual Integrations
APPROVED

mohammad
3/23/2017 3:31:39 PM



#26

2-Nitrophenol

Concen: 41.84 ng

RT: 9.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BG026355.D

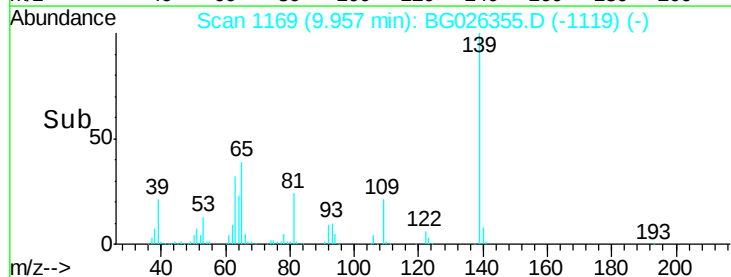
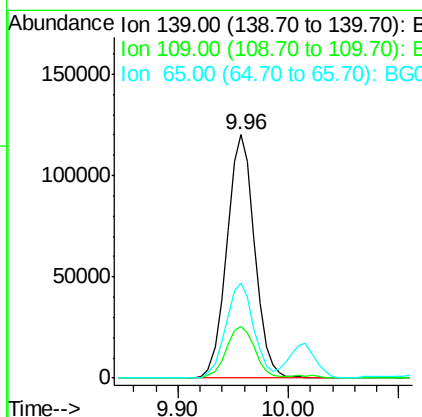
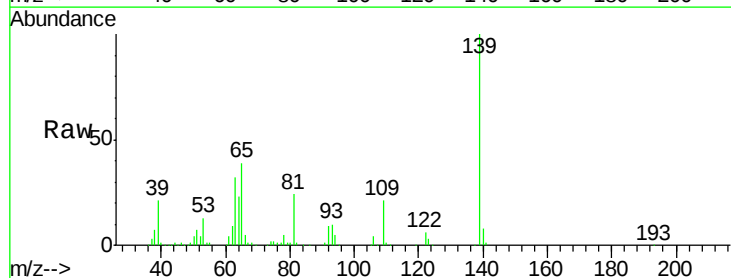
Acq: 21 Mar 2017 11:26

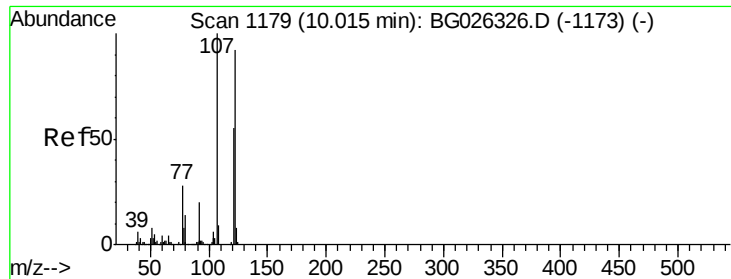
Tgt Ion: 139 Resp: 211642
Ion Ratio Lower Upper

139 100

109 21.3 38.6 58.0#

65 39.1 57.1 85.7#





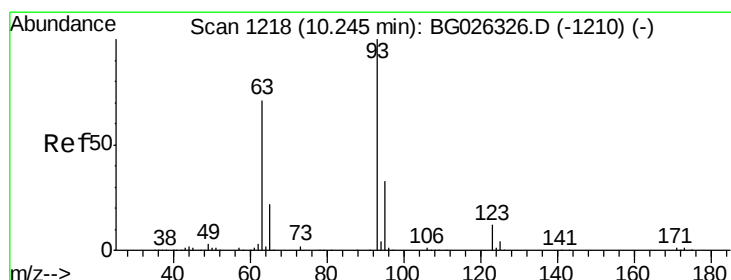
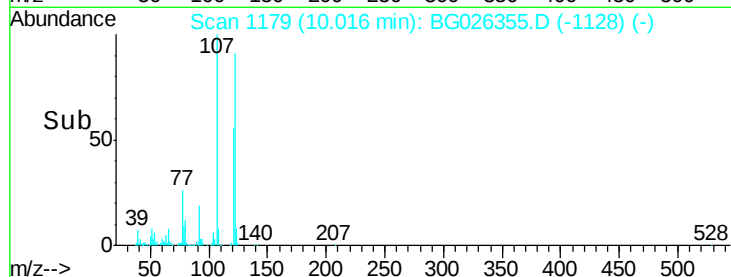
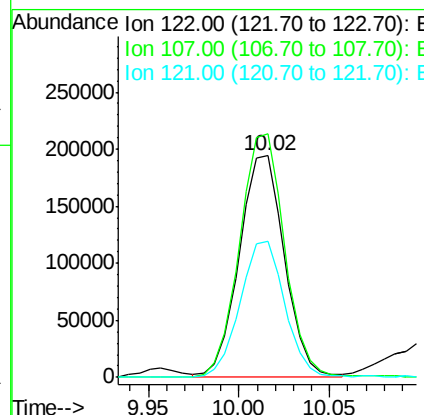
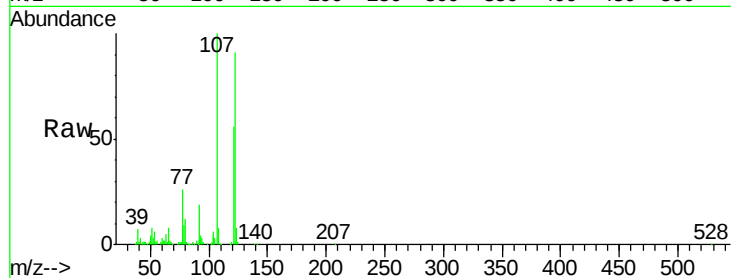
#27
 2,4-Dimethylphenol
 Concen: 40.42 ng
 RT: 10.02 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BG026355.D
 Acq: 21 Mar 2017 11:26

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
122	100		
107	109.9	104.2	156.4
121	61.3	46.0	69.0

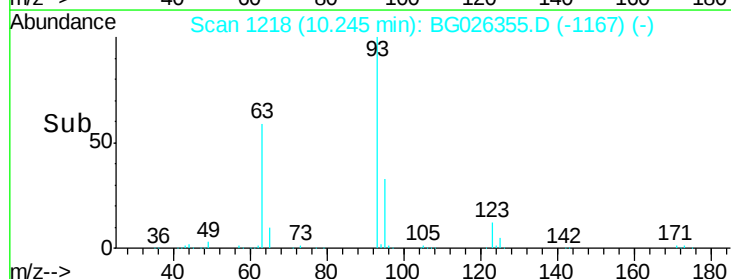
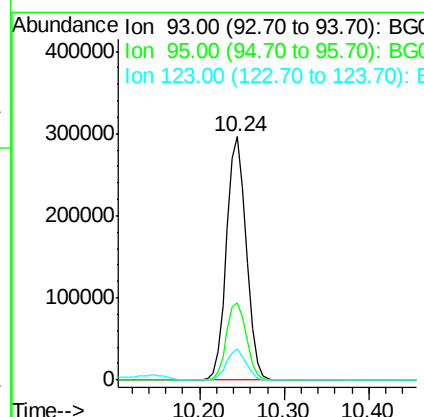
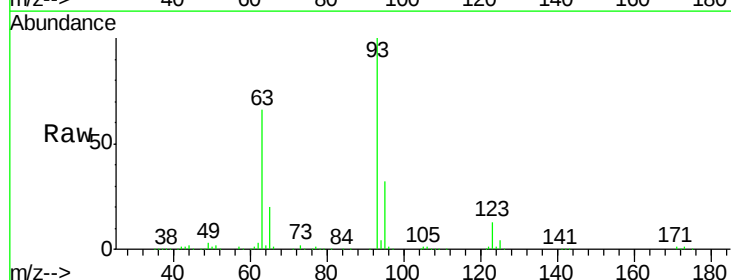
Manual Integrations
 APPROVED

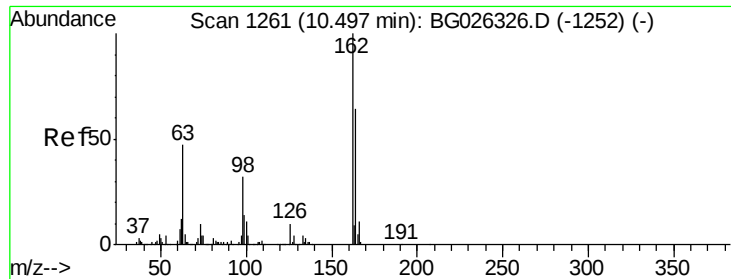
mohammad
 3/23/2017 3:31:39 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.74 ng
 RT: 10.24 min Scan# 1218
 Delta R.T. 0.00 min
 Lab File: BG026355.D
 Acq: 21 Mar 2017 11:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.7	38.5
123	12.6	8.3	12.5#





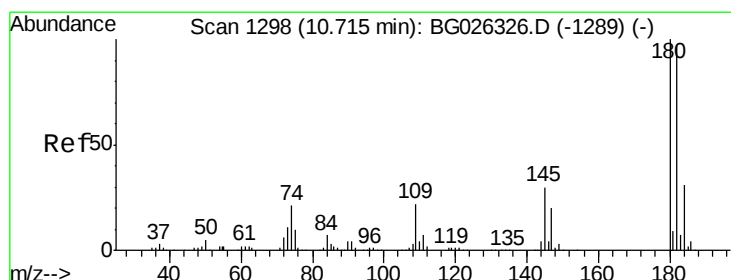
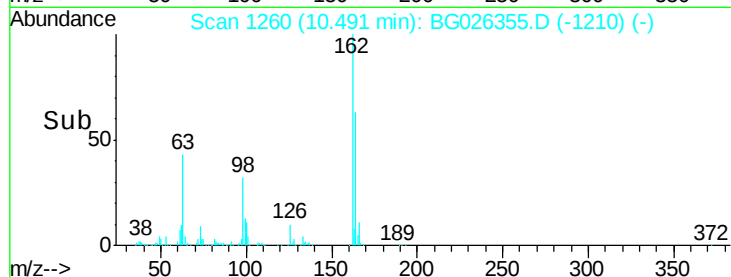
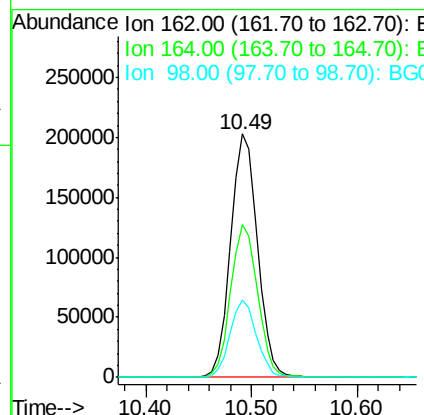
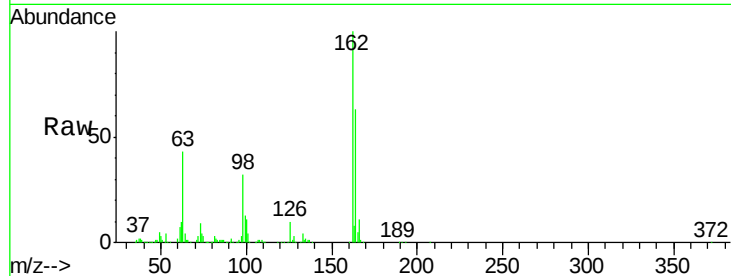
#29
 2,4-Dichlorophenol
 Concen: 42.43 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BG026355.D
 Acq: 21 Mar 2017 11:26

Instrument :
 BNA_G
 ClientSampled :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	356262		
164	62.6	42.4	82.4	
98	31.7	20.3	60.3	

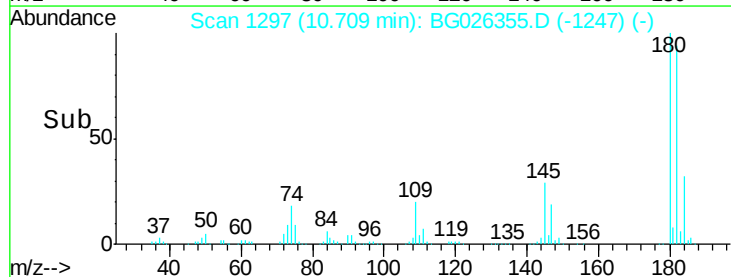
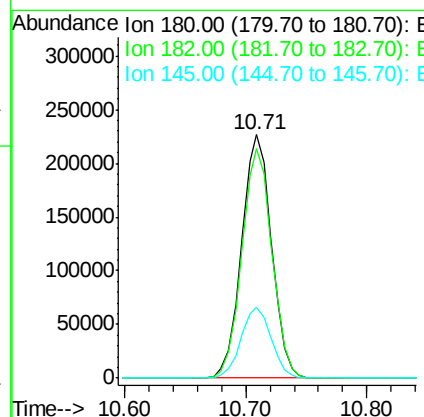
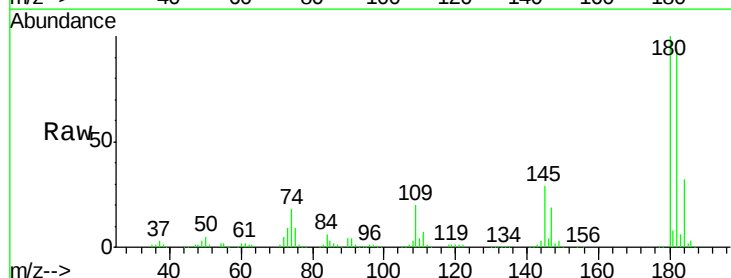
Manual Integrations
 APPROVED

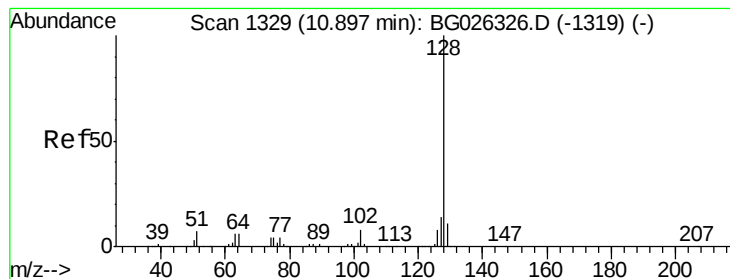
mohammad
 3/23/2017 3:31:39 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 41.44 ng
 RT: 10.71 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BG026355.D
 Acq: 21 Mar 2017 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	390883		
182	94.2	77.0	115.4	
145	29.2	23.4	35.0	





#31

Naphthalene

Concen: 40.23 ng

RT: 10.90 min Scan# 1329

Delta R.T. 0.00 min

Lab File: BG026355.D

Acq: 21 Mar 2017 11:26

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:128 Resp: 1204034

Ion Ratio Lower Upper

128 100

129 11.6 9.3 13.9

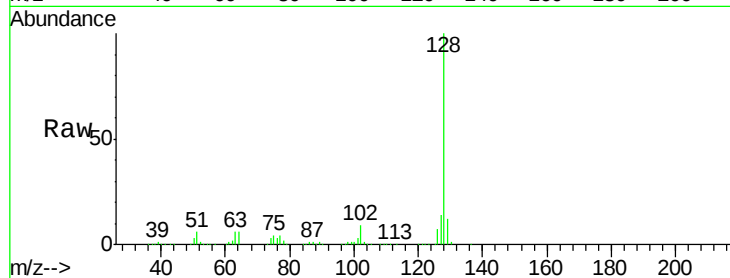
127 13.8 11.4 17.0

Manual Integrations

APPROVED

mohammad

3/23/2017 3:31:39 PM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

800000

600000

400000

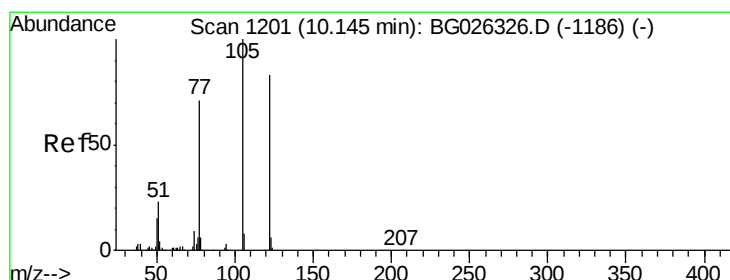
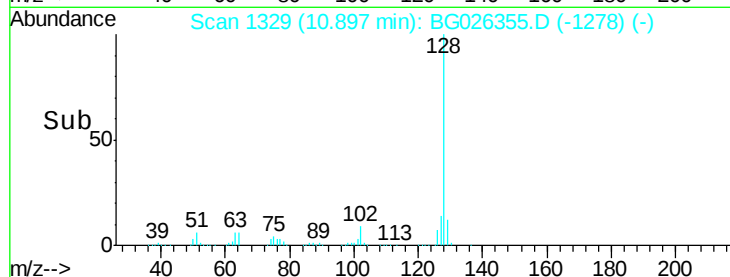
200000

0

10.80

10.90

Time-->



#32

Benzoic acid

Concen: 41.53 ng

RT: 10.15 min Scan# 1202

Delta R.T. 0.01 min

Lab File: BG026355.D

Acq: 21 Mar 2017 11:26

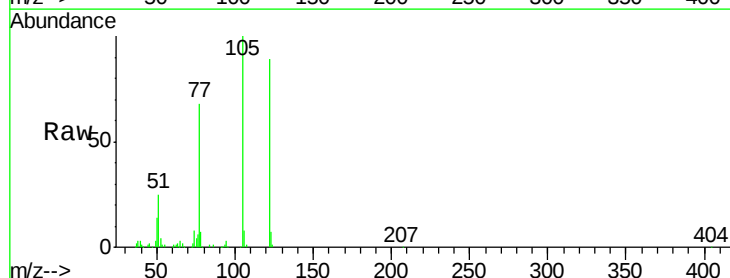
Tgt Ion:122 Resp: 265310

Ion Ratio Lower Upper

122 100

105 112.6 120.1 160.1#

77 76.9 104.6 144.6#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO

250000

200000

150000

100000

50000

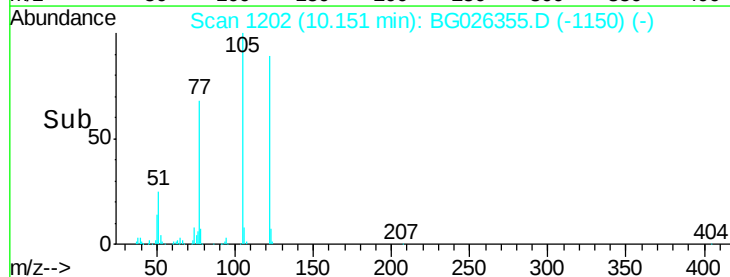
0

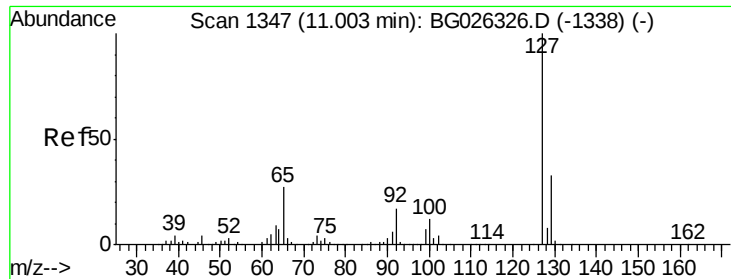
10.00

10.10

10.20

Time-->





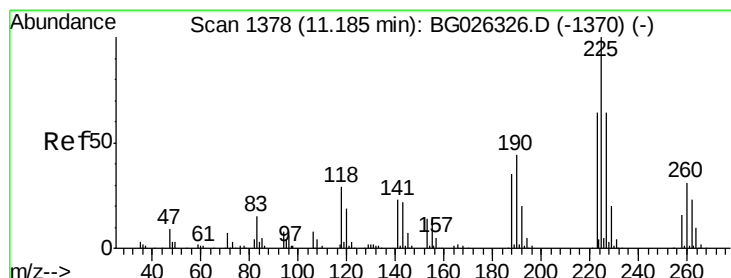
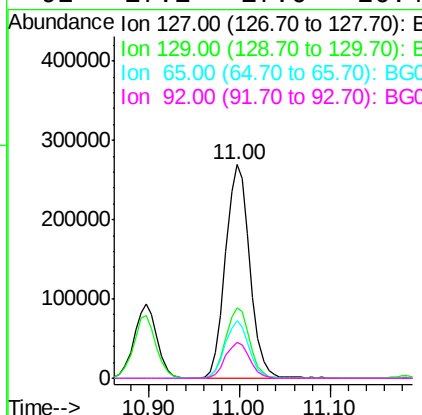
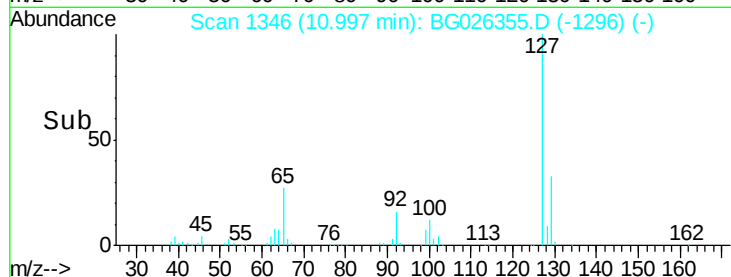
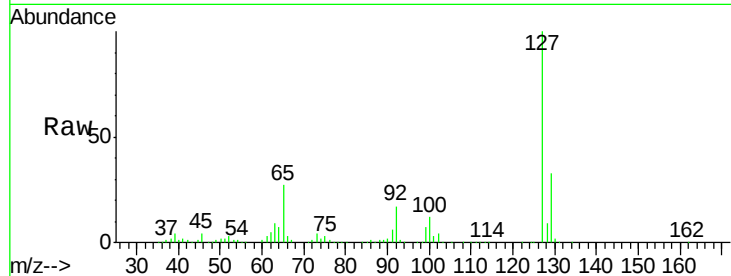
#33
4-Chloroaniline
Concen: 41.01 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG026355.D
Acq: 21 Mar 2017 11:26

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	499268		
129	32.9	23.6	35.4	
65	27.0	37.7	56.5	
92	17.1	17.6	26.4	

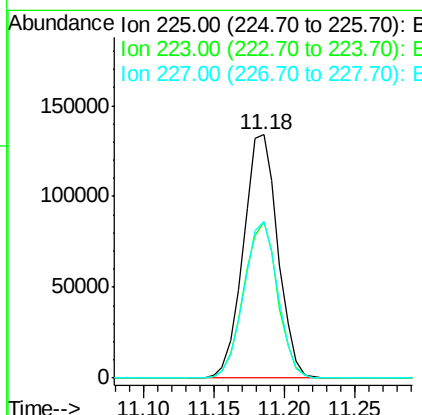
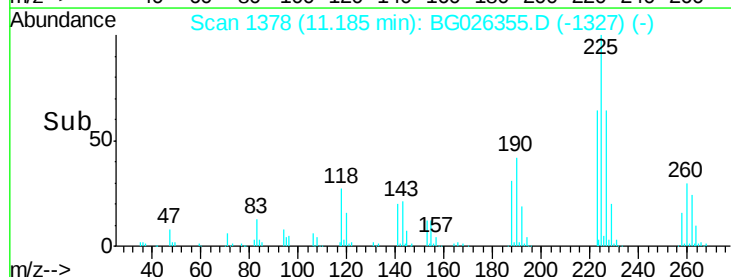
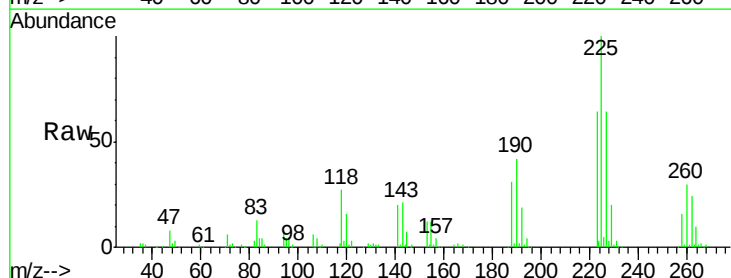
Manual Integrations
APPROVED

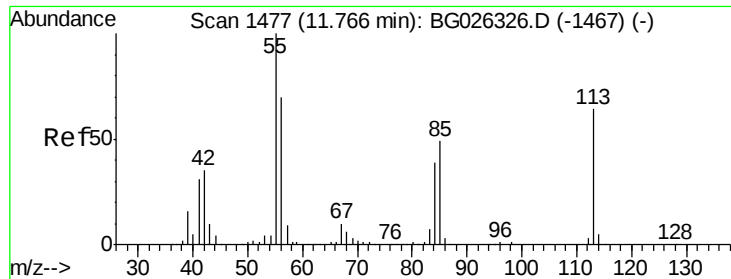
mohammad
3/23/2017 3:31:39 PM



#34
Hexachlorobutadiene
Concen: 41.17 ng
RT: 11.18 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BG026355.D
Acq: 21 Mar 2017 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	229086		
223	64.2	50.7	76.1	
227	64.1	49.0	73.6	





#35

Caprolactam

Concen: 39.36 ng

RT: 11.76 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BG026355.D

Acq: 21 Mar 2017 11:26

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:113 Resp: 130219
Ion Ratio Lower Upper

113 100

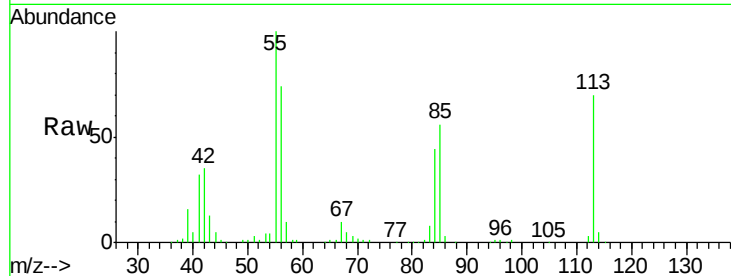
55 142.0 198.6 238.6#

56 104.4 140.4 180.4#

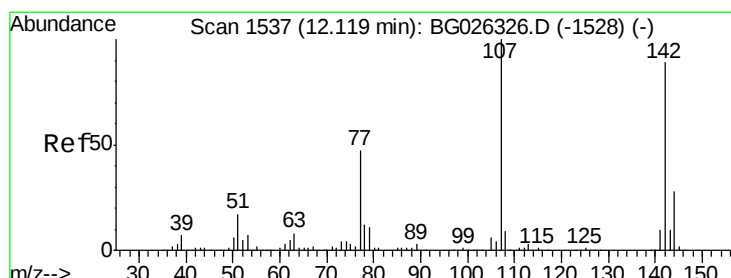
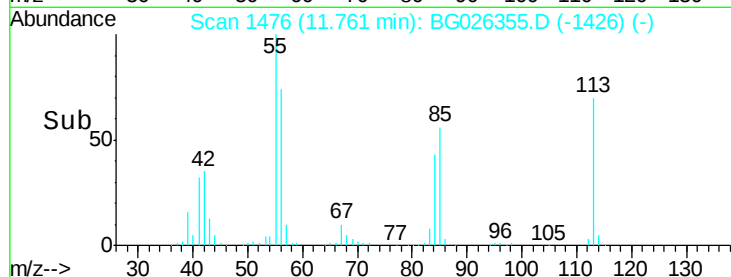
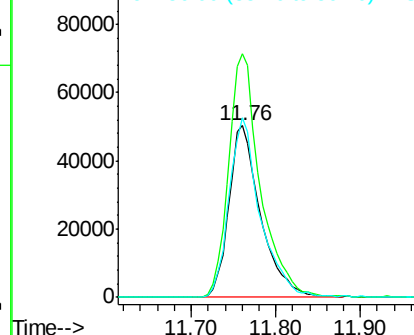
Manual Integrations
APPROVED

mohammad

3/23/2017 3:31:39 PM



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BG
Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 40.36 ng

RT: 12.11 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BG026355.D

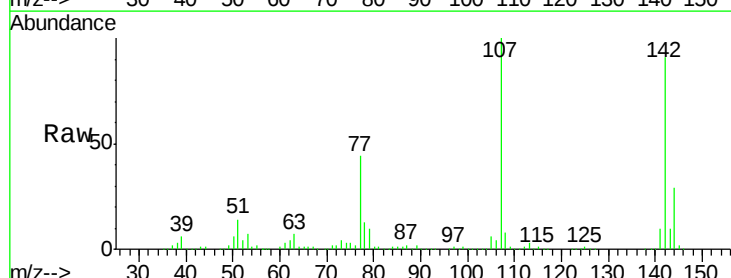
Acq: 21 Mar 2017 11:26

Tgt Ion:107 Resp: 362462
Ion Ratio Lower Upper

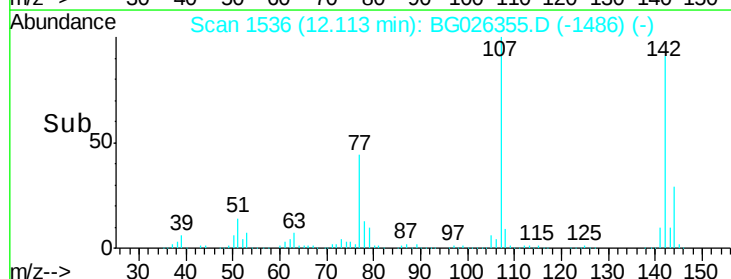
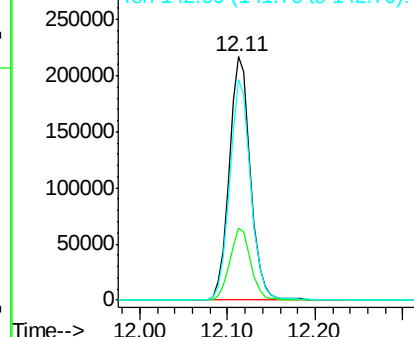
107 100

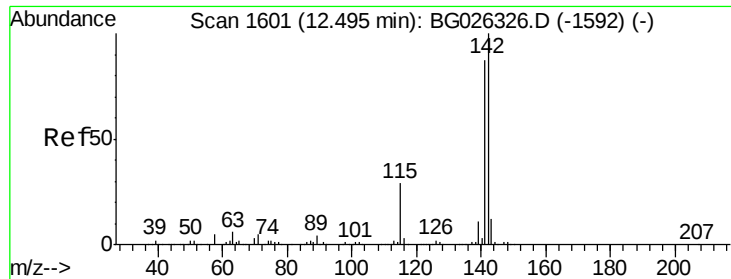
144 29.4 17.4 26.0#

142 90.7 54.1 81.1#



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





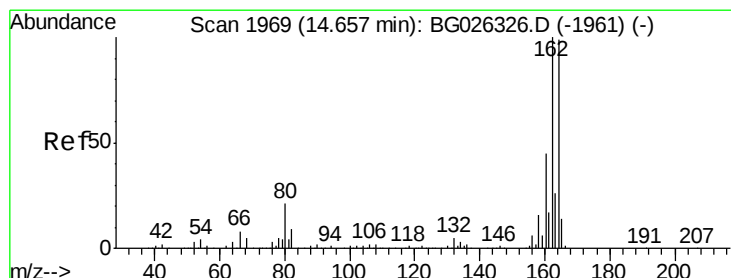
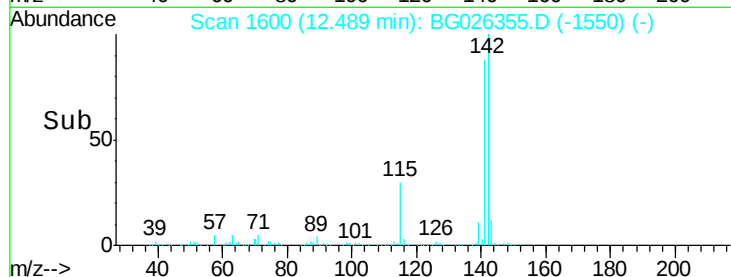
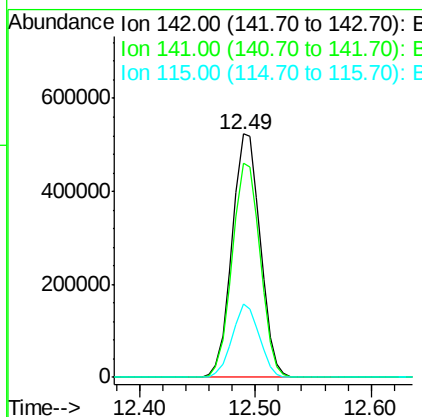
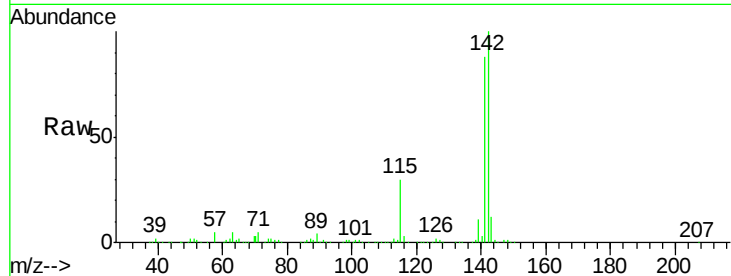
#37
2-Methylnaphthalene
Concen: 40.39 ng
RT: 12.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BG026355.D
Acq: 21 Mar 2017 11:26

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	885525		
141	87.9	70.4	105.6	
115	30.4	35.5	53.3#	

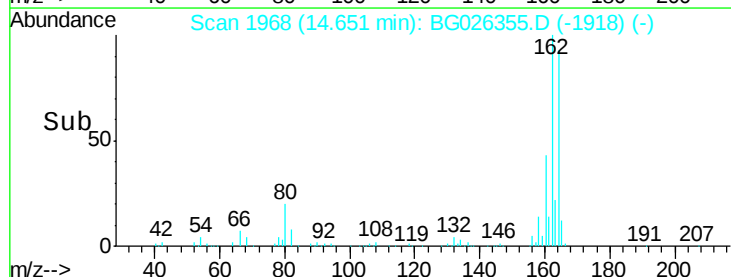
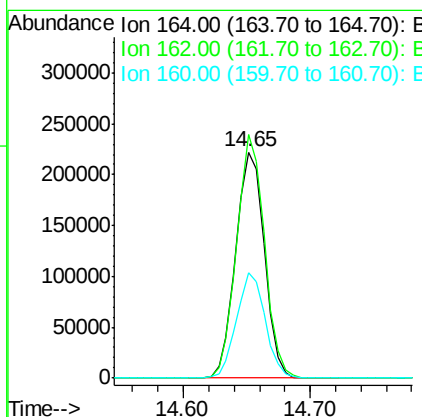
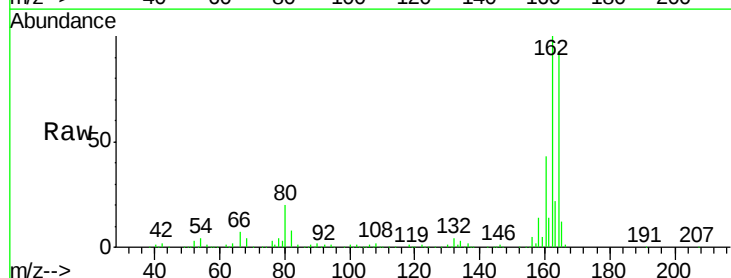
Manual Integrations
APPROVED

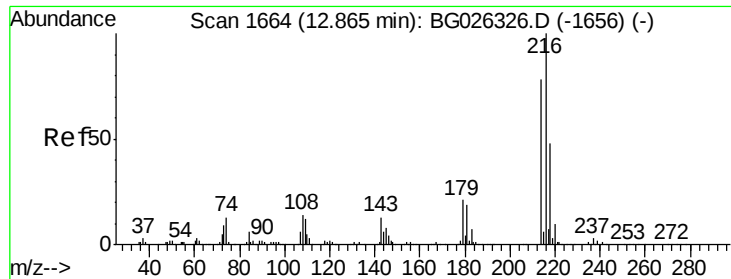
mohammad
3/23/2017 3:31:39 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG026355.D
Acq: 21 Mar 2017 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	345765		
162	107.7	85.1	127.7	
160	46.7	34.7	52.1	





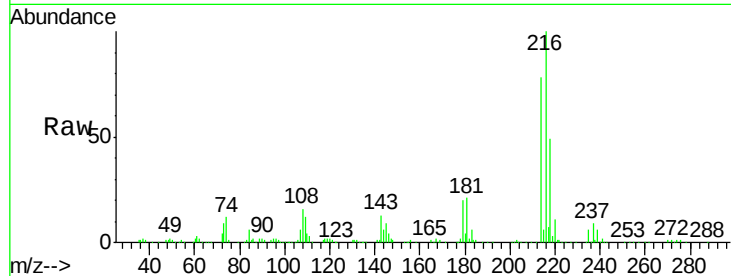
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.12 ng
 RT: 12.86 min Scan# 1663
 Delta R.T. -0.01 min
 Lab File: BG026355.D
 Acq: 21 Mar 2017 11:26

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

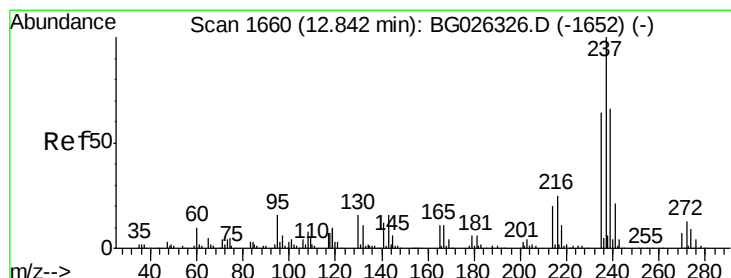
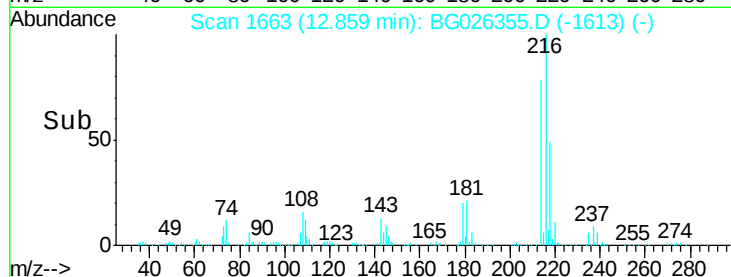
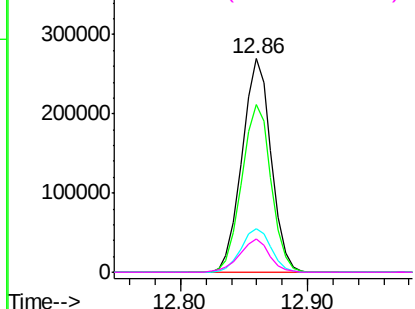
Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	64.4	96.6
179	20.9	17.4	26.0
108	15.8	15.6	23.4

Manual Integrations
 APPROVED

mohammad
 3/23/2017 3:31:39 PM

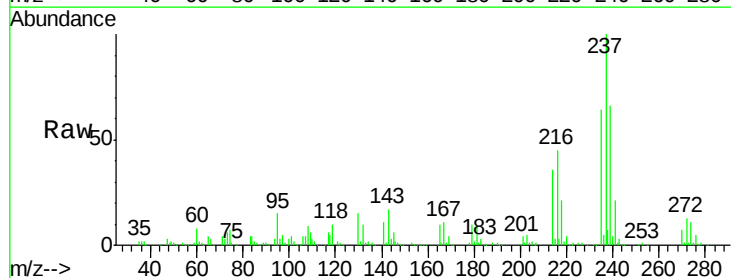


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

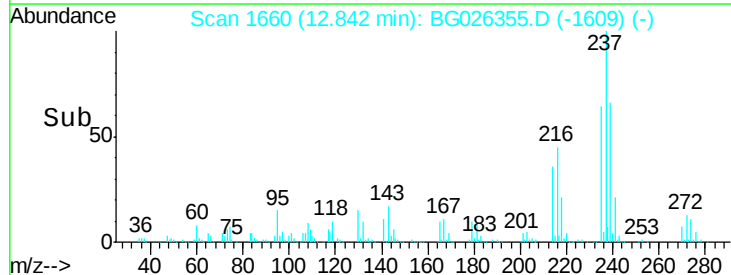
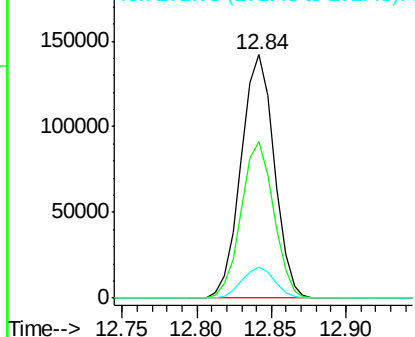


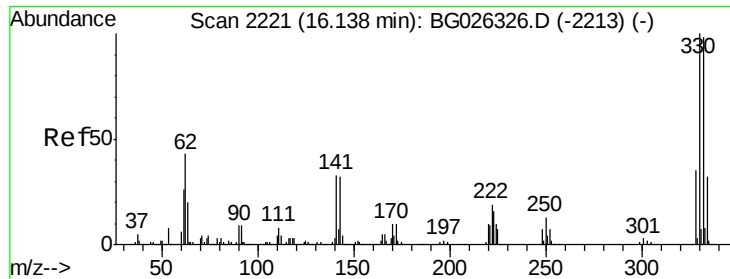
#40
 Hexachlorocyclopentadiene
 Concen: 39.83 ng
 RT: 12.84 min Scan# 1660
 Delta R.T. 0.00 min
 Lab File: BG026355.D
 Acq: 21 Mar 2017 11:26

Tgt Ion	Ratio	Lower	Upper
237	100		
235	64.1	39.4	79.4
272	13.0	0.0	32.0



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





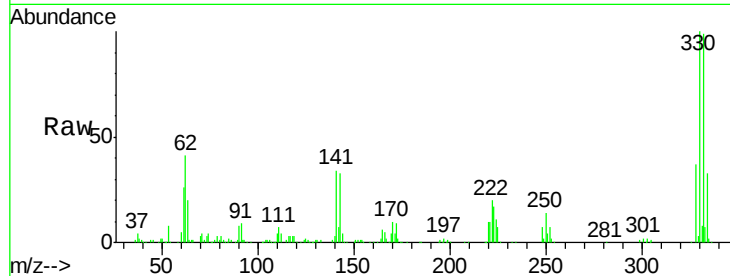
#41
 2,4,6-Tribromophenol
 Concen: 85.08 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BG026355.D
 Acq: 21 Mar 2017 11:26

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

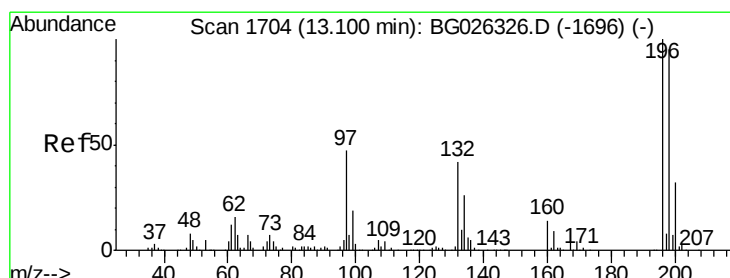
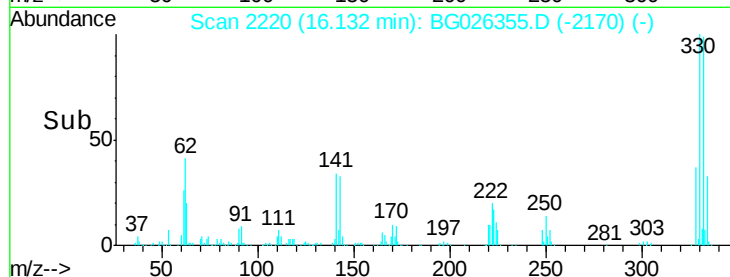
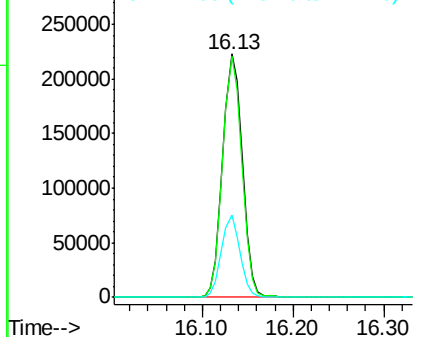
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	336886		
332	96.6	77.3	115.9	
141	31.9	32.1	48.1#	

Manual Integrations
 APPROVED

mohammad
 3/23/2017 3:31:39 PM



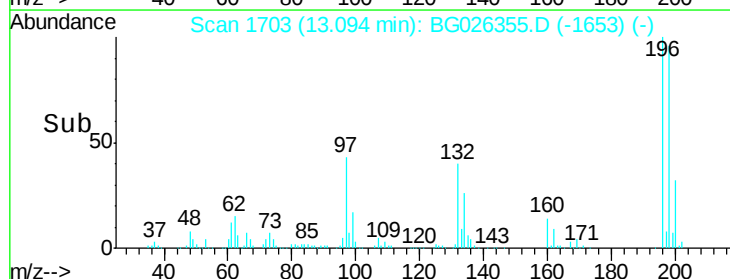
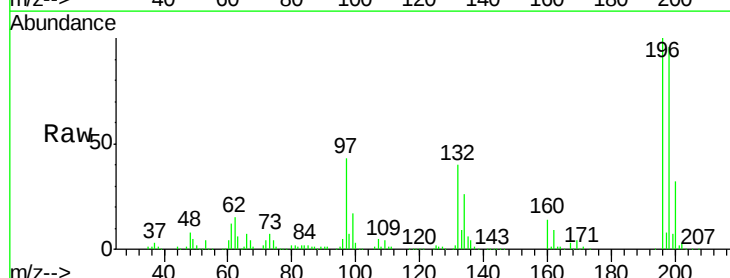
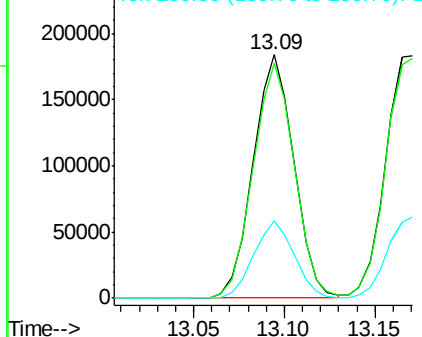
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

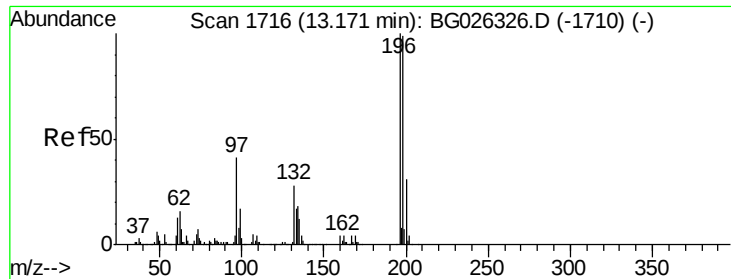


#42
 2,4,6-Trichlorophenol
 Concen: 42.00 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG026355.D
 Acq: 21 Mar 2017 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	286109		
198	96.4	81.4	122.2	
200	31.7	27.0	40.6	

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





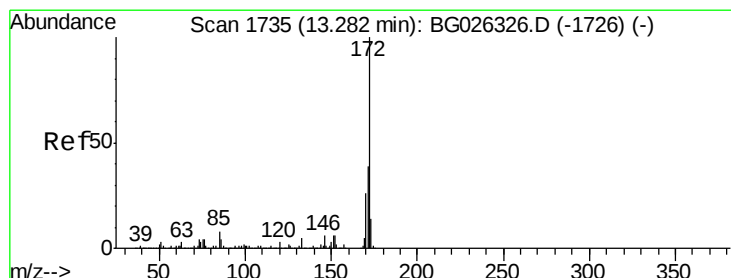
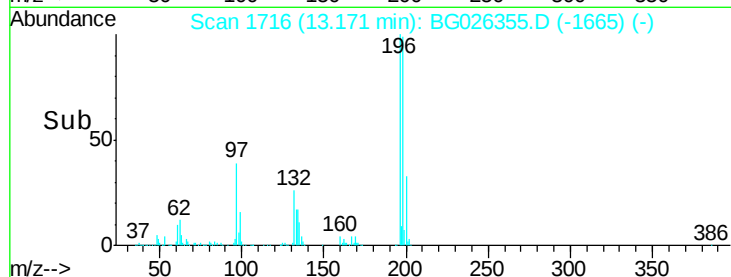
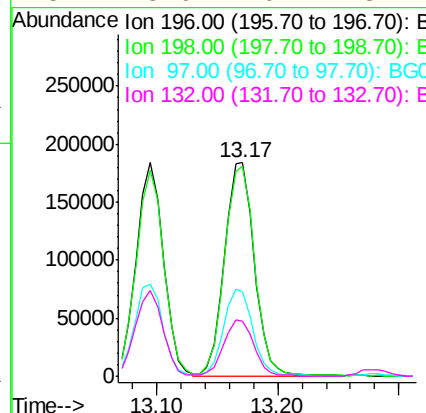
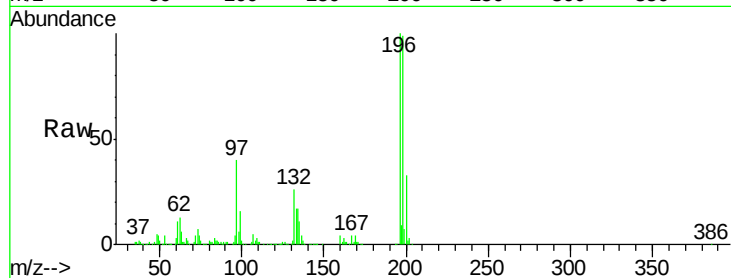
#43
 2,4,5-Trichlorophenol
 Concen: 41.62 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG026355.D
 Acq: 21 Mar 2017 11:26

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	313350		
198	98.8	79.9	119.9	
97	39.9	45.4	68.0	
132	25.9	20.7	31.1	

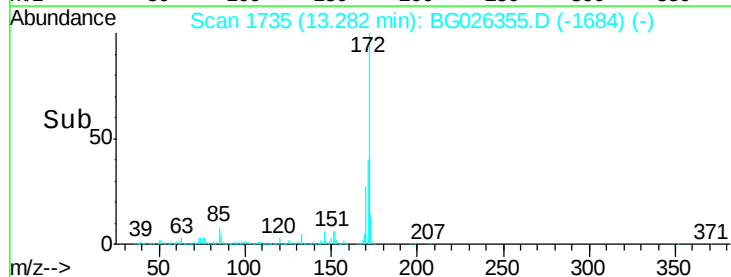
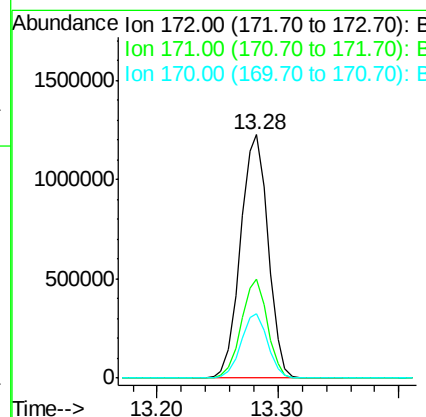
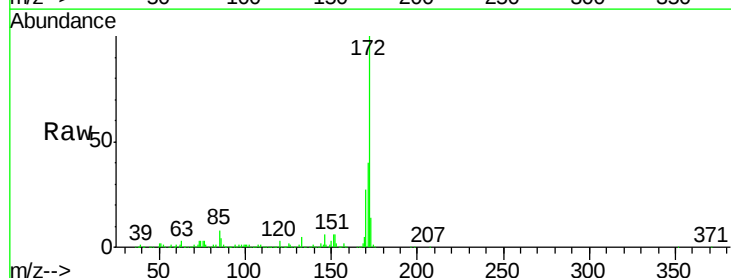
Manual Integrations
 APPROVED

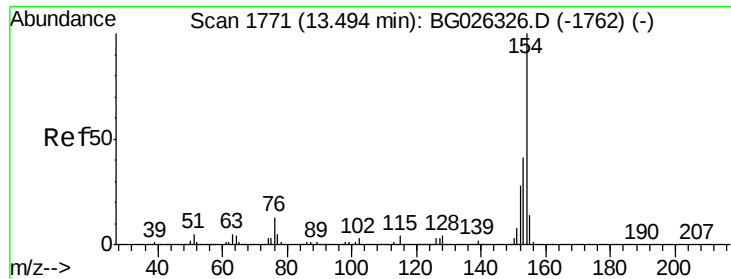
mohammad
 3/23/2017 3:31:39 PM



#44
 2-Fluorobiphenyl
 Concen: 79.22 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. 0.00 min
 Lab File: BG026355.D
 Acq: 21 Mar 2017 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1953230		
171	40.5	32.2	48.2	
170	26.7	21.8	32.6	





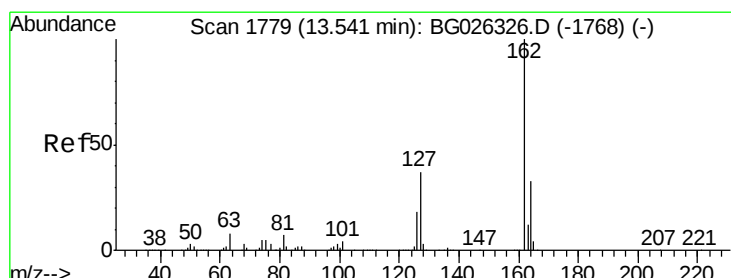
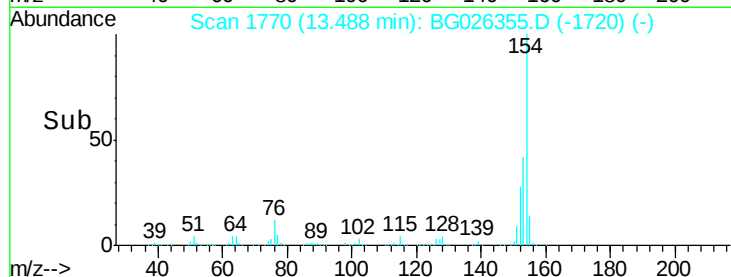
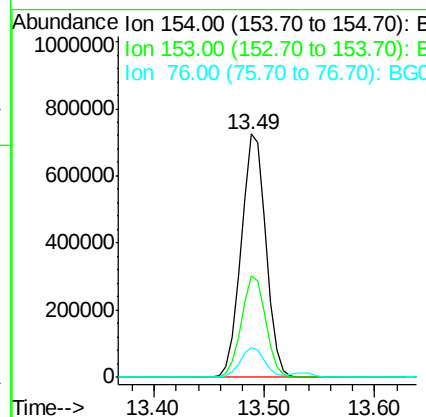
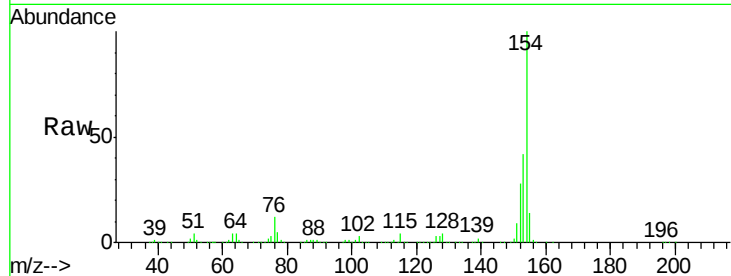
#45
 1,1'-Biphenyl
 Concen: 39.71 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BG026355.D
 Acq: 21 Mar 2017 11:26

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	23.0	63.0
76	12.5	0.0	33.5

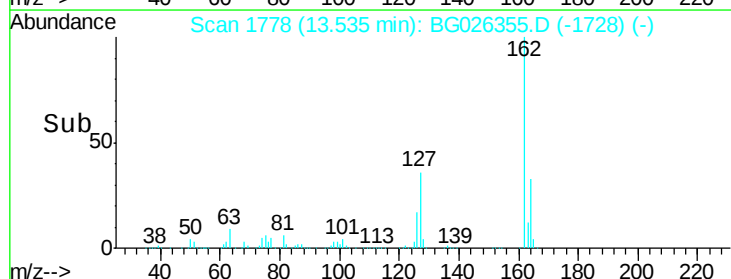
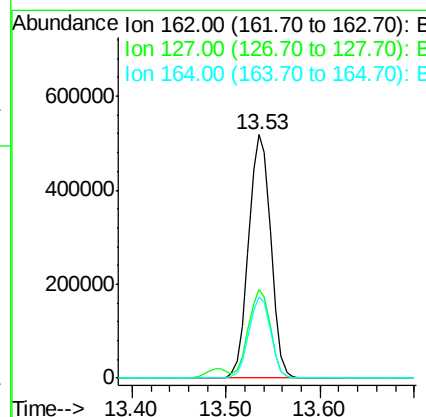
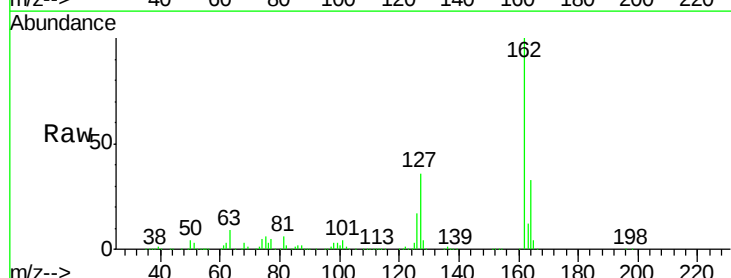
Manual Integrations
 APPROVED

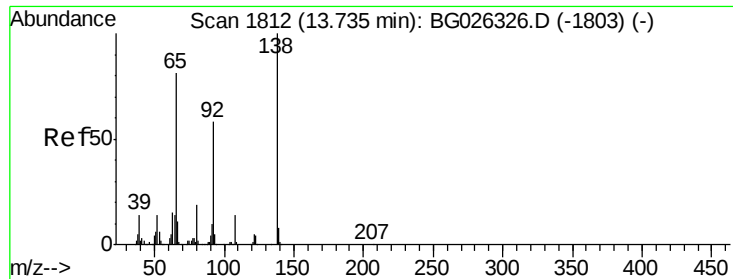
mohammad
 3/23/2017 3:31:39 PM



#46
 2-Chloronaphthalene
 Concen: 40.30 ng
 RT: 13.53 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG026355.D
 Acq: 21 Mar 2017 11:26

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.4	32.2	48.4
164	33.3	27.3	40.9





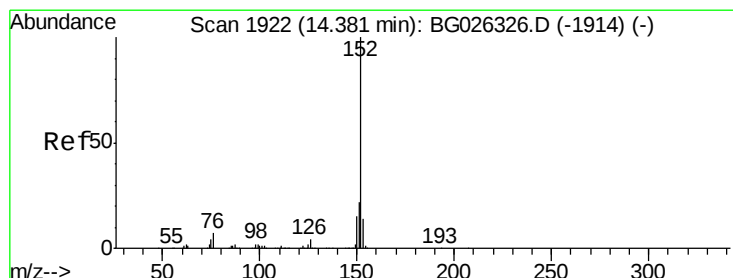
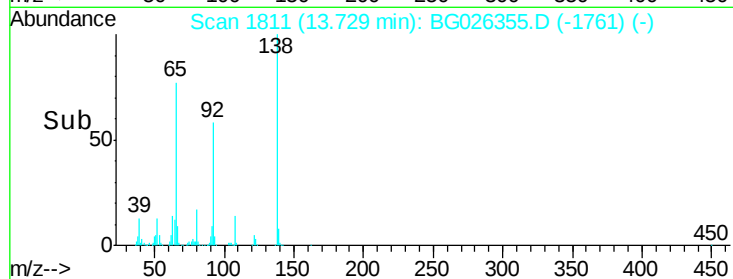
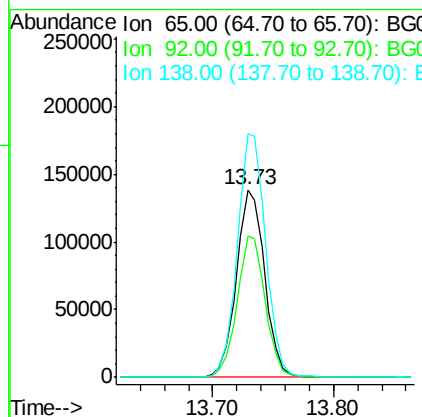
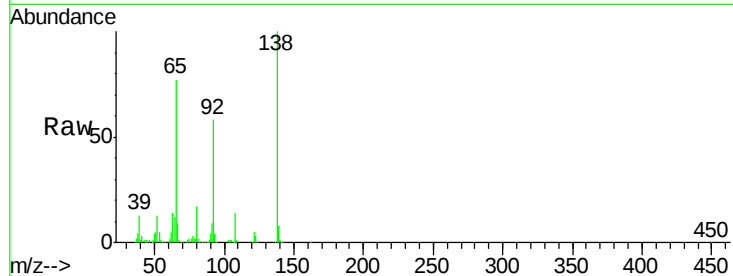
#47
2-Nitroaniline
Concen: 38.04 ng
RT: 13.73 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BG026355.D
Acq: 21 Mar 2017 11:26

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.5	49.0	73.4#
138	129.9	58.6	87.8#

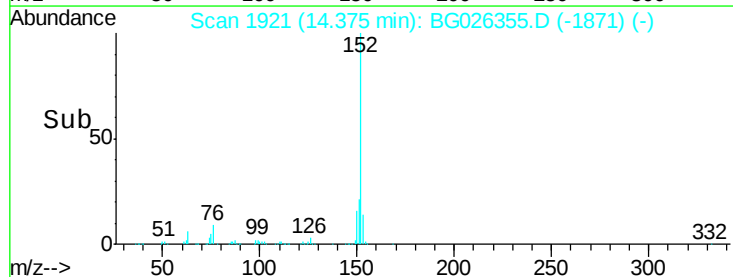
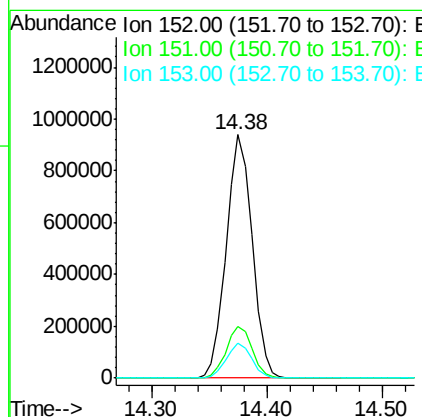
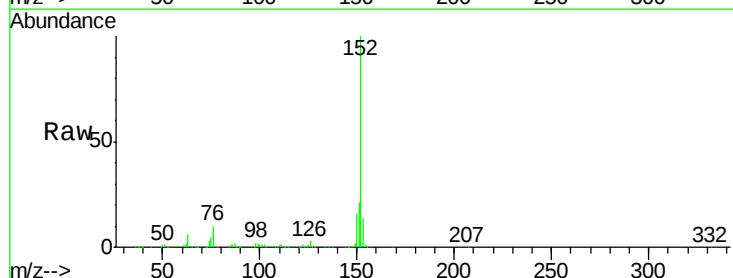
Manual Integrations
APPROVED

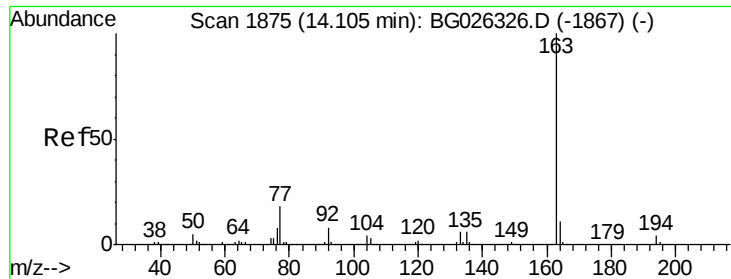
mohammad
3/23/2017 3:31:39 PM



#48
Acenaphthylene
Concen: 40.00 ng
RT: 14.38 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BG026355.D
Acq: 21 Mar 2017 11:26

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.4	18.2	27.2
153	14.3	11.3	16.9





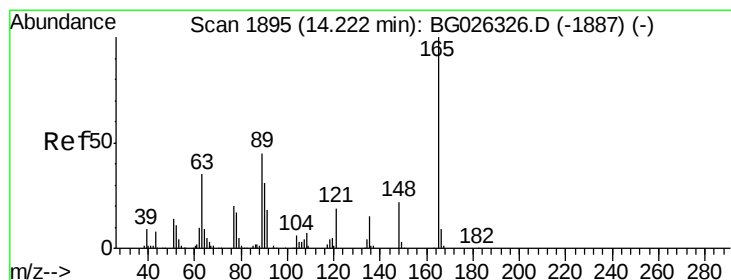
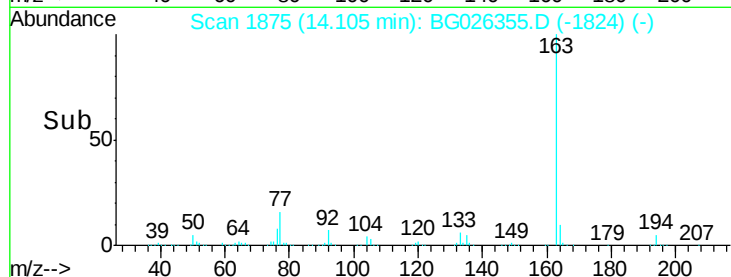
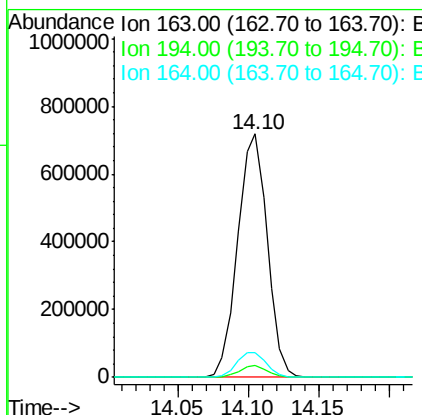
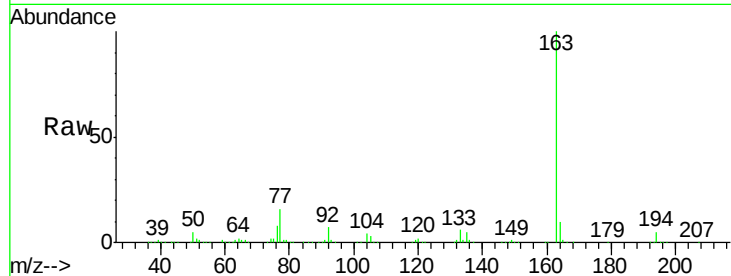
#49
Dimethylphthalate
Concen: 40.21 ng
RT: 14.10 min Scan# 1875
Delta R.T. 0.00 min
Lab File: BG026355.D
Acq: 21 Mar 2017 11:26

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.8	5.6
164	10.4	9.3	13.9

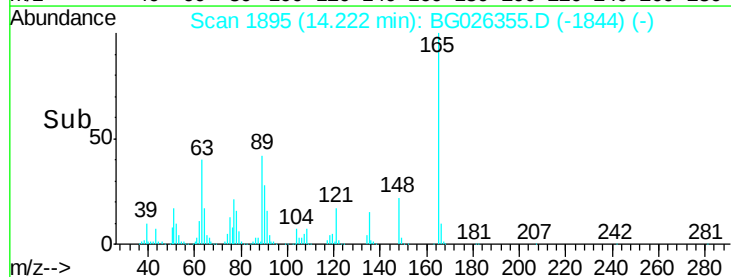
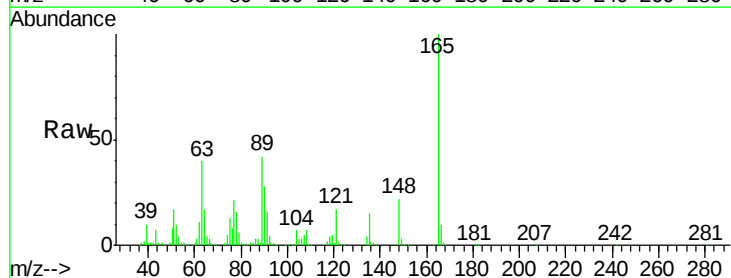
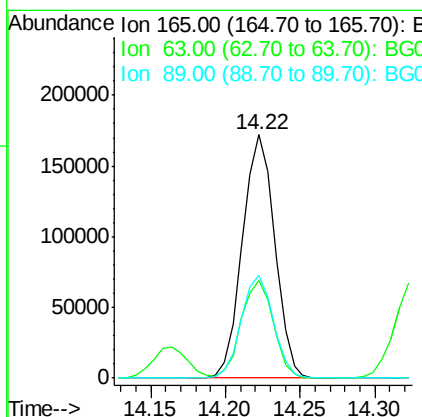
Manual Integrations
APPROVED

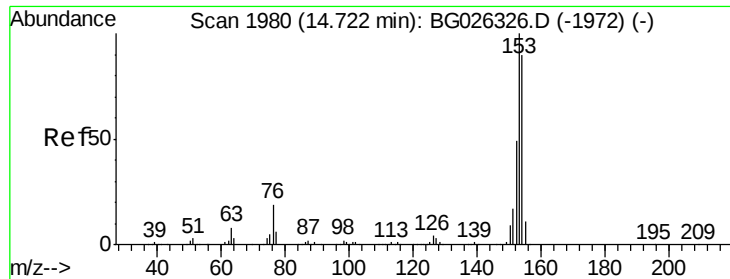
mohammad
3/23/2017 3:31:39 PM



#50
2,6-Dinitrotoluene
Concen: 42.39 ng
RT: 14.22 min Scan# 1895
Delta R.T. 0.00 min
Lab File: BG026355.D
Acq: 21 Mar 2017 11:26

Tgt Ion	Ratio	Lower	Upper
165	100		
63	40.4	63.9	95.9#
89	42.1	58.6	88.0#





#51

Acenaphthene

Concen: 39.67 ng

RT: 14.72 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BG026355.D

Acq: 21 Mar 2017 11:26

Instrument :

BNA_G

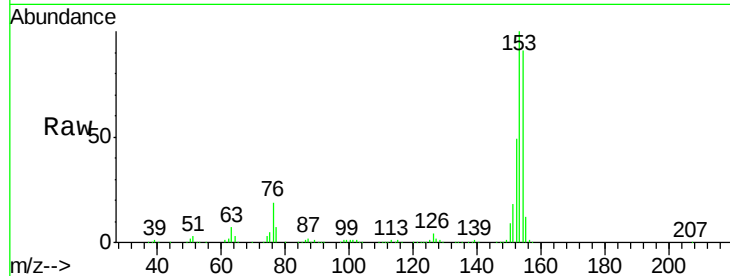
ClientSampleId :

SSTDCCC040

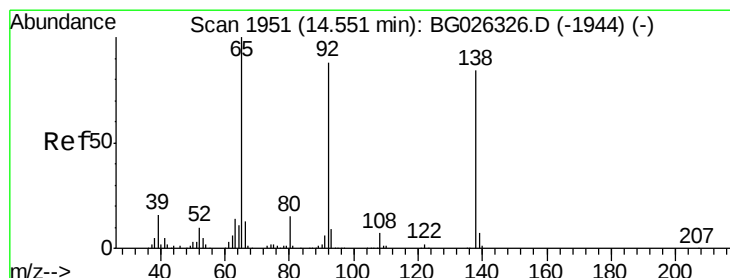
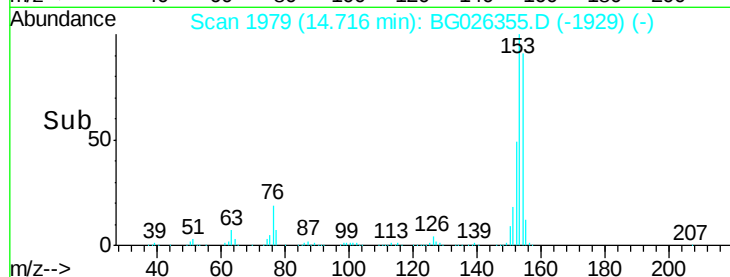
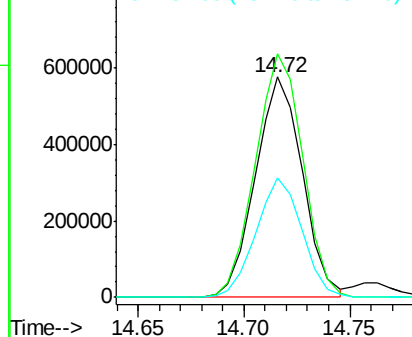
Tgt Ion:	154	Resp:	890536
Ion Ratio	Lower	Upper	
154	100		
153	110.5	87.8	131.6
152	54.3	42.2	63.4

Manual Integrations
APPROVED

mohammad
3/23/2017 3:31:39 PM



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 41.19 ng

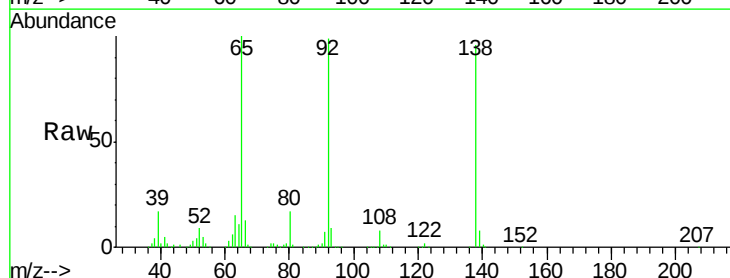
RT: 14.55 min Scan# 1951

Delta R.T. 0.00 min

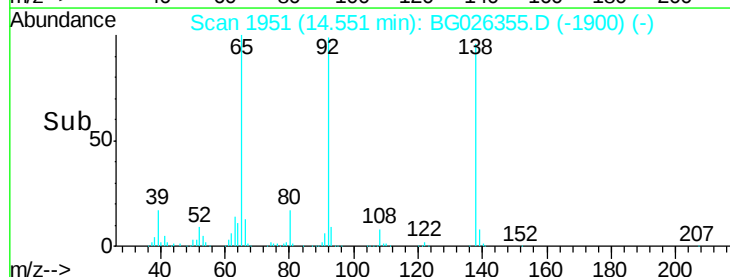
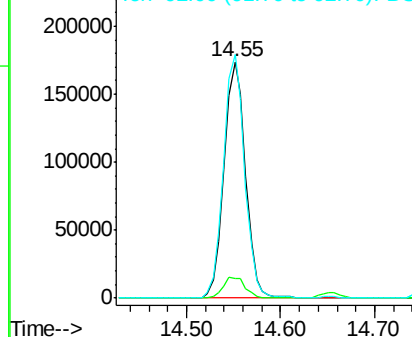
Lab File: BG026355.D

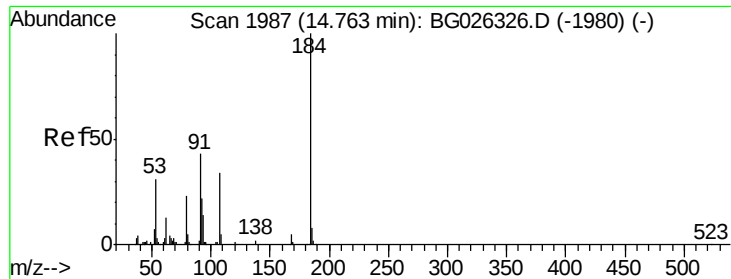
Acq: 21 Mar 2017 11:26

Tgt Ion:	138	Resp:	276215
Ion Ratio	Lower	Upper	
138	100		
108	8.4	10.9	16.3#
92	103.2	115.3	172.9#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGO





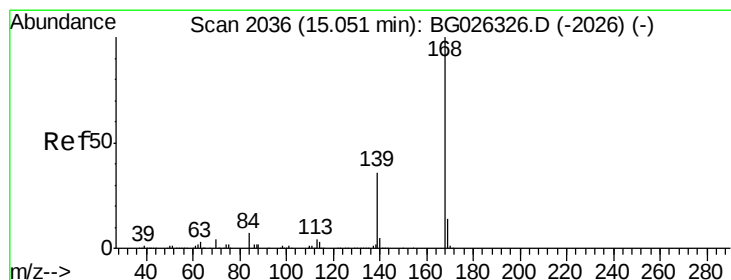
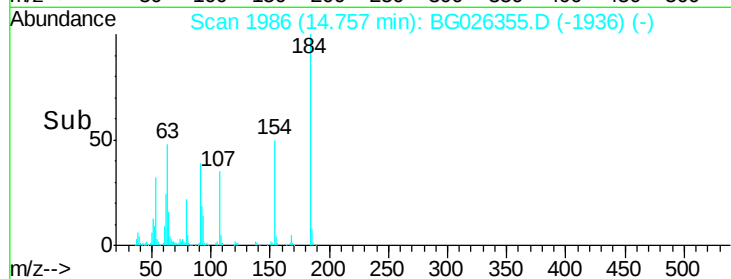
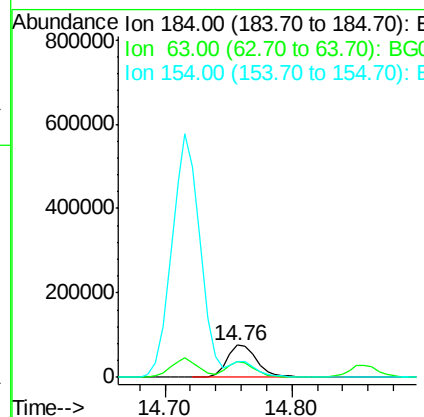
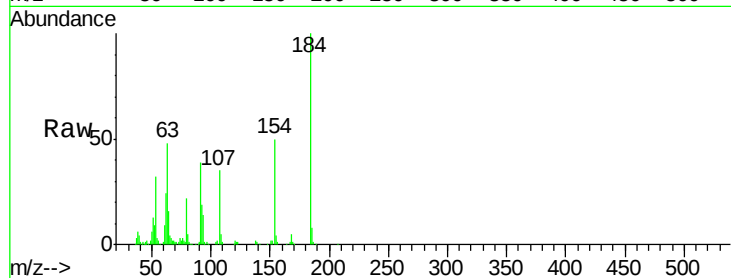
#53
2,4-Dinitrophenol
Concen: 36.40 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BG026355.D
Acq: 21 Mar 2017 11:26

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	128613		
63	48.1	52.7	79.1#	
154	49.8	57.3	85.9#	

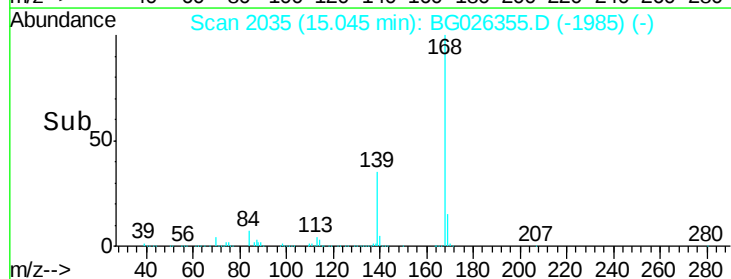
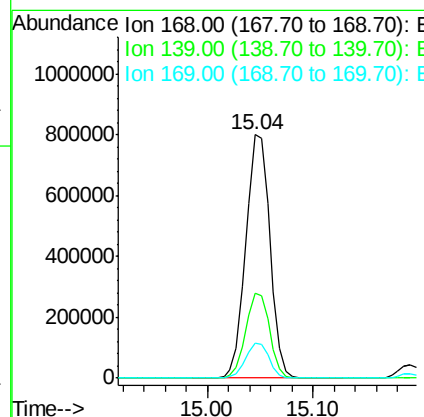
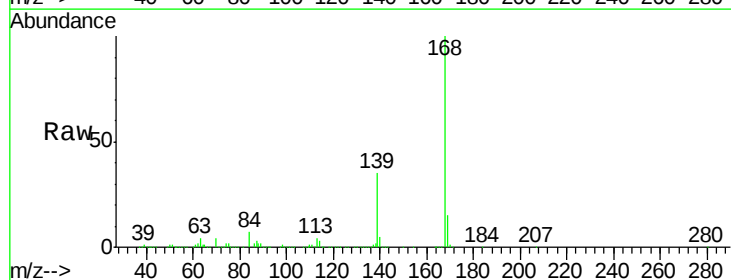
Manual Integrations
APPROVED

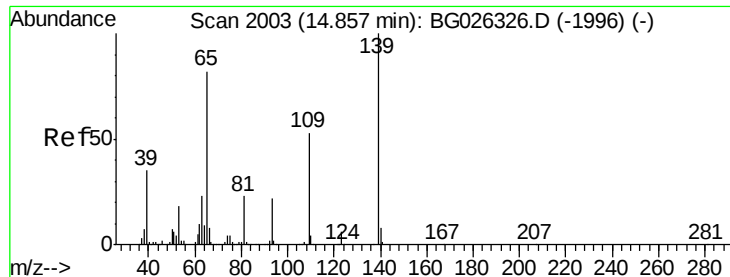
mohammad
3/23/2017 3:31:39 PM



#54
Dibenzofuran
Concen: 40.00 ng
RT: 15.04 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG026355.D
Acq: 21 Mar 2017 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1264437		
139	34.7	35.3	52.9#	
169	14.5	11.5	17.3	





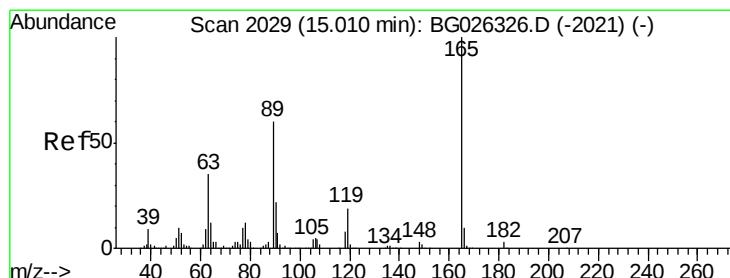
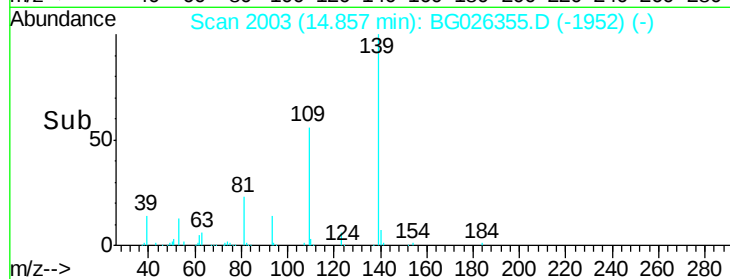
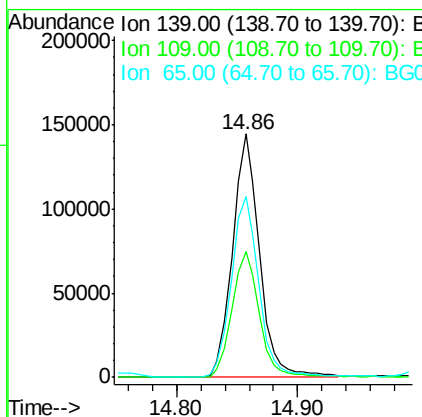
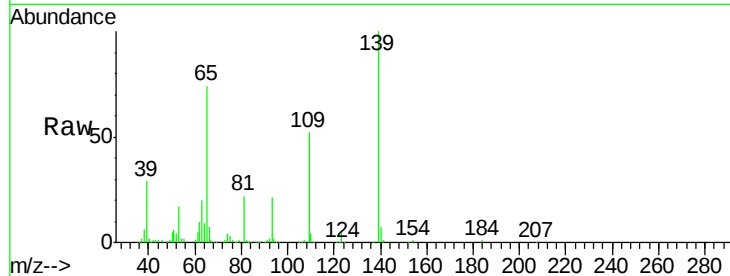
#55
4-Nitrophenol
Concen: 40.94 ng
RT: 14.86 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BG026355.D
Acq: 21 Mar 2017 11:26

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	224865		
109	51.8	101.2	141.2#	
65	74.2	135.3	175.3#	

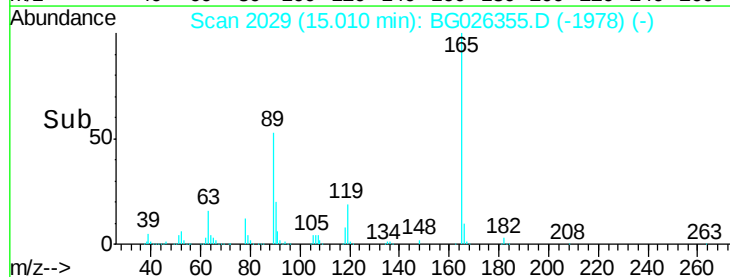
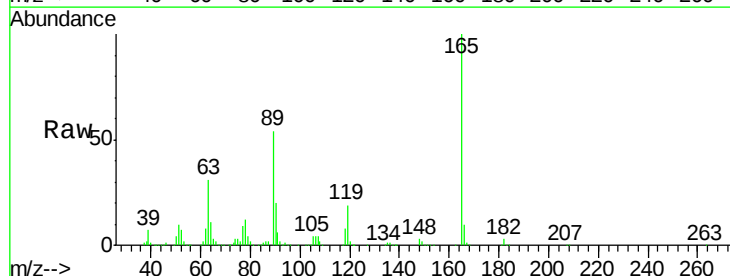
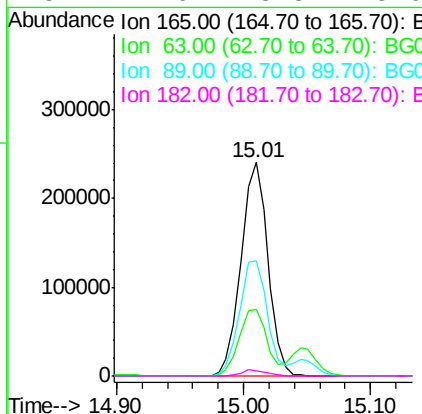
Manual Integrations
APPROVED

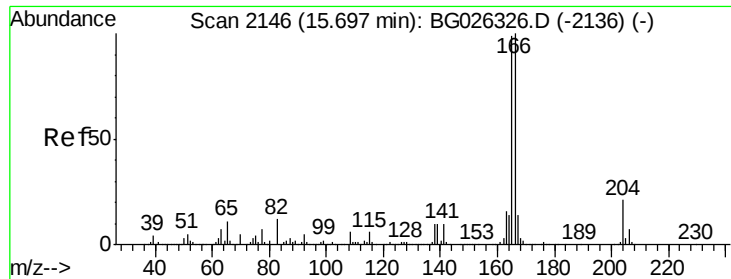
mohammad
3/23/2017 3:31:39 PM



#56
2,4-Dinitrotoluene
Concen: 41.20 ng
RT: 15.01 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BG026355.D
Acq: 21 Mar 2017 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	352934		
63	31.3	44.0	66.0#	
89	54.0	67.3	100.9#	
182	2.6	3.8	5.6#	





#57

Fluorene

Concen: 40.30 ng

RT: 15.70 min Scan# 2146

Delta R.T. 0.00 min

Lab File: BG026355.D

Acq: 21 Mar 2017 11:26

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:166 Resp: 1133600

Ion Ratio Lower Upper

166 100

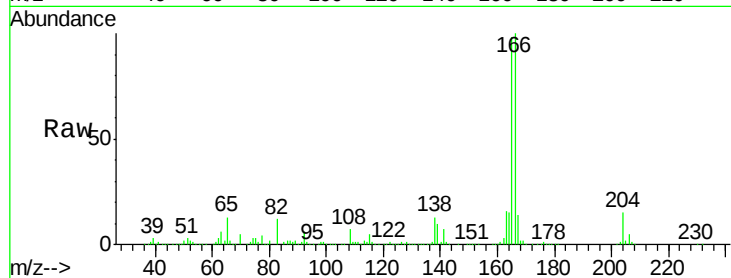
165 98.3 78.6 117.8

167 14.3 11.6 17.4

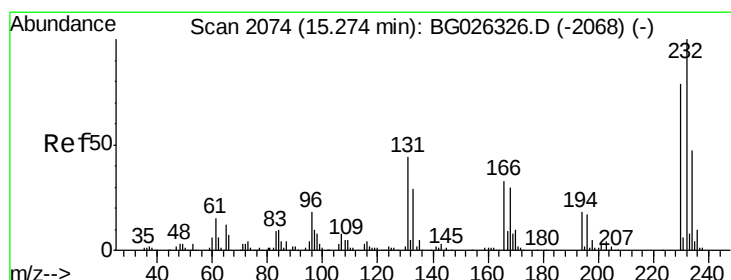
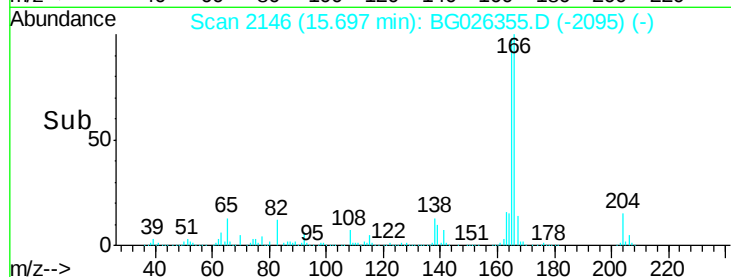
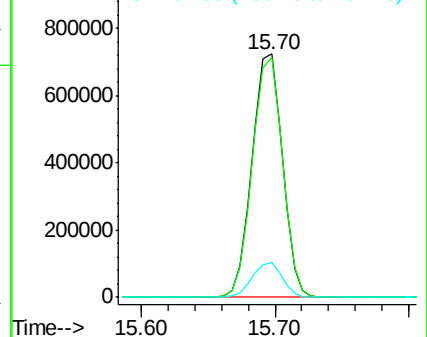
Manual Integrations
APPROVED

mohammad

3/23/2017 3:31:39 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: 40.91 ng

RT: 15.27 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BG026355.D

Acq: 21 Mar 2017 11:26

Tgt Ion:232 Resp: 268613

Ion Ratio Lower Upper

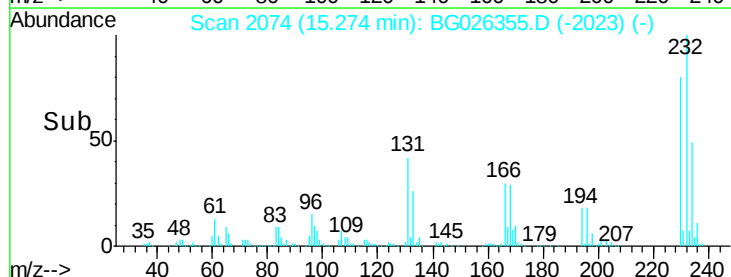
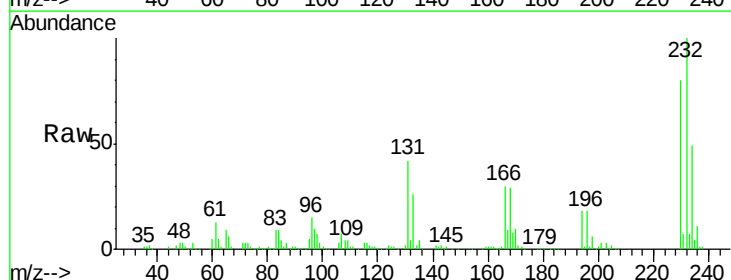
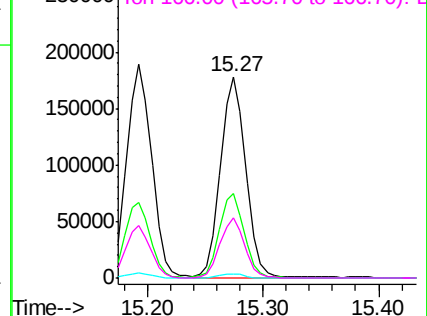
232 100

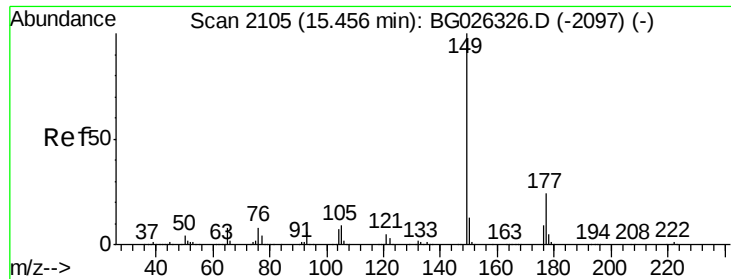
131 41.5 34.9 52.3

130 2.1 2.3 3.5#

166 29.5 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





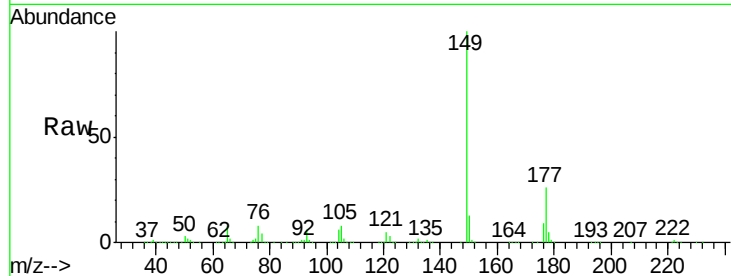
#59
Diethylphthalate
Concen: 39.35 ng
RT: 15.46 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BG026355.D
Acq: 21 Mar 2017 11:26

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

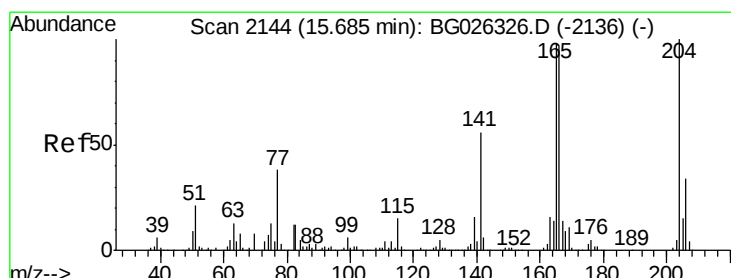
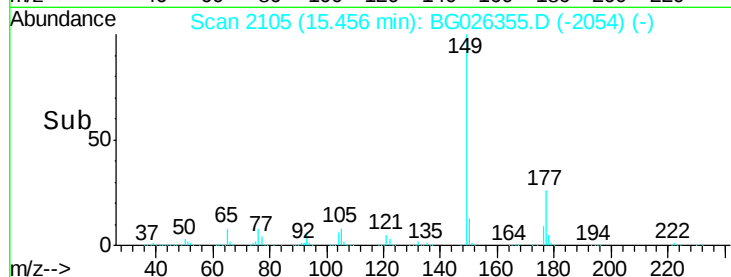
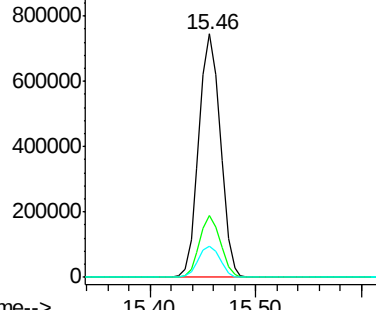
Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.6	20.1	30.1
150	13.0	10.2	15.2

Manual Integrations
APPROVED

mohammad
3/23/2017 3:31:39 PM

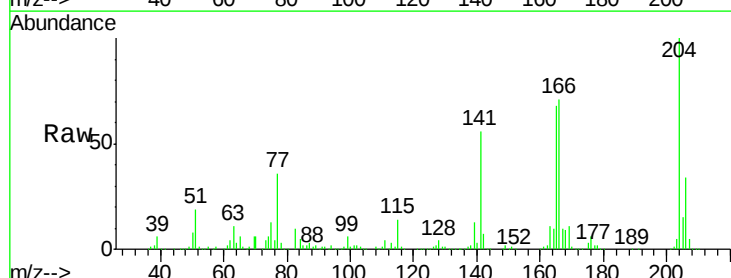


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

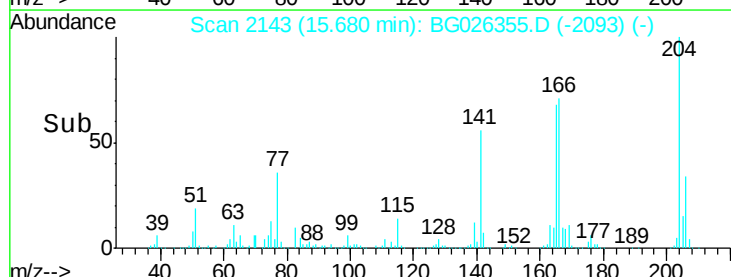
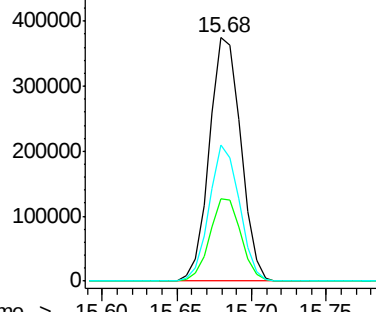


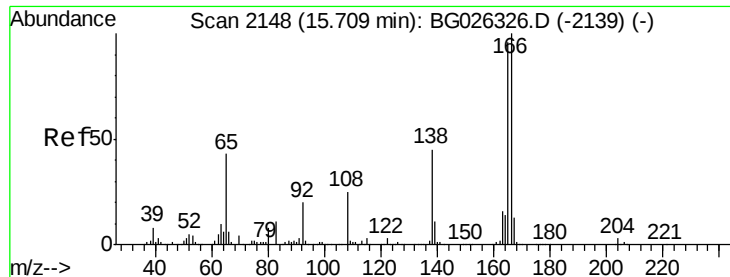
#60
4-Chlorophenyl-phenylether
Concen: 41.01 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BG026355.D
Acq: 21 Mar 2017 11:26

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.9	30.1	45.1
141	55.7	50.6	76.0



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





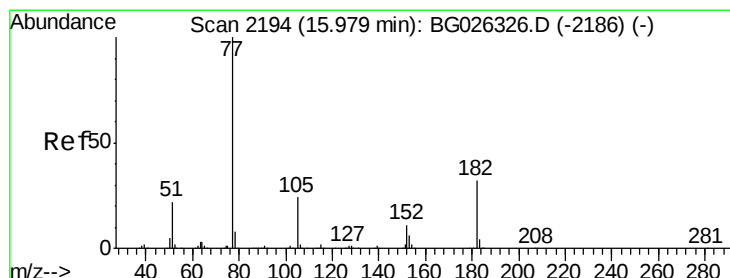
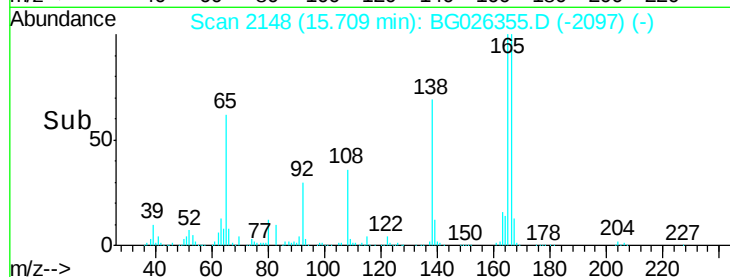
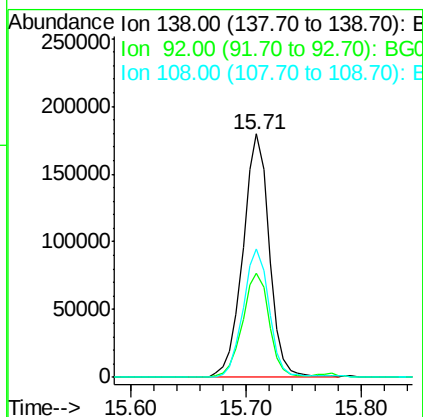
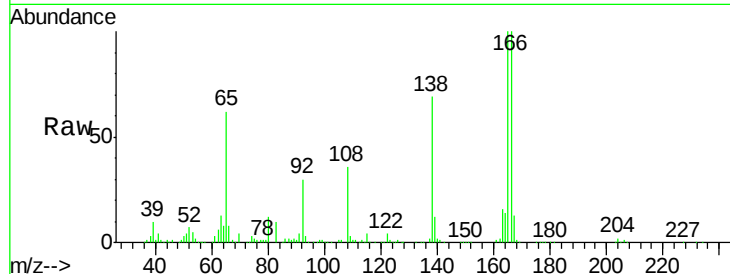
#61
4-Nitroaniline
Concen: 40.25 ng
RT: 15.71 min Scan# 2148
Delta R.T. 0.00 min
Lab File: BG026355.D
Acq: 21 Mar 2017 11:26

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	285575		
92	42.8	44.2	84.2#	
108	52.5	104.8	144.8#	

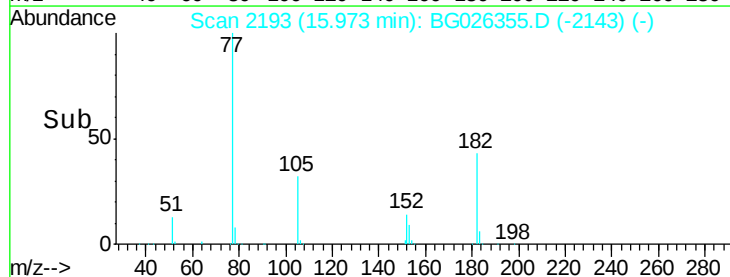
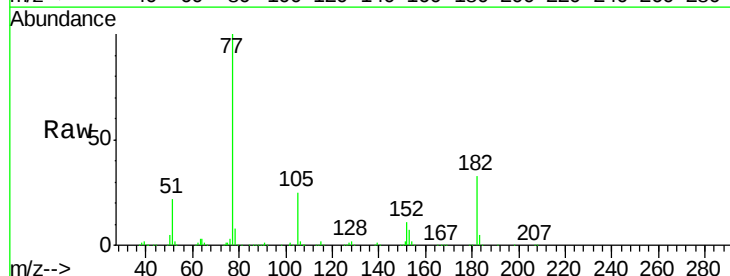
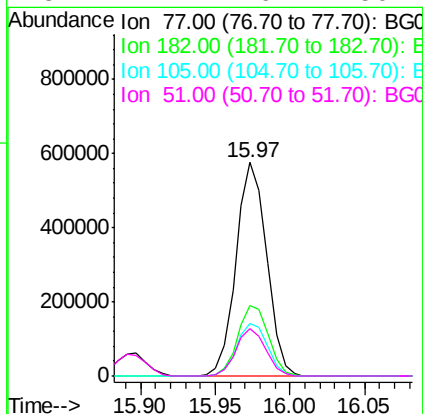
Manual Integrations
APPROVED

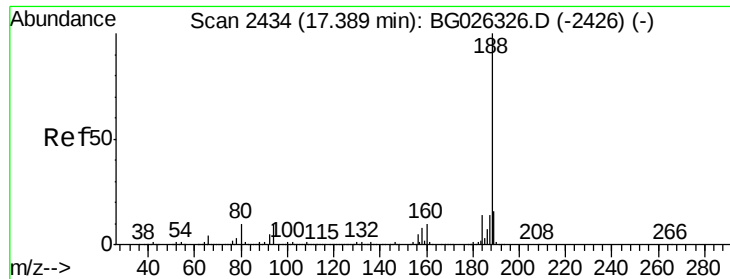
mohammad
3/23/2017 3:31:39 PM



#62
Azobenzene
Concen: 37.70 ng
RT: 15.97 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG026355.D
Acq: 21 Mar 2017 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	817731		
182	32.9	4.7	44.7	
105	24.6	0.0	36.3	
51	22.4	16.4	56.4	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.38 min Scan# 2433

Delta R.T. -0.01 min

Lab File: BG026355.D

Acq: 21 Mar 2017 11:26

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:188 Resp: 809211

Ion Ratio Lower Upper

188 100

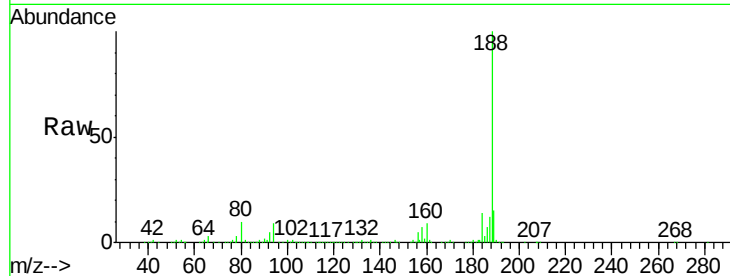
94 9.0 5.8 8.8#

80 9.5 7.5 11.3

Manual Integrations
APPROVED

mohammad

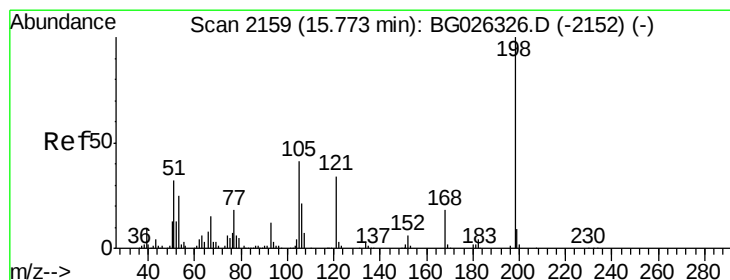
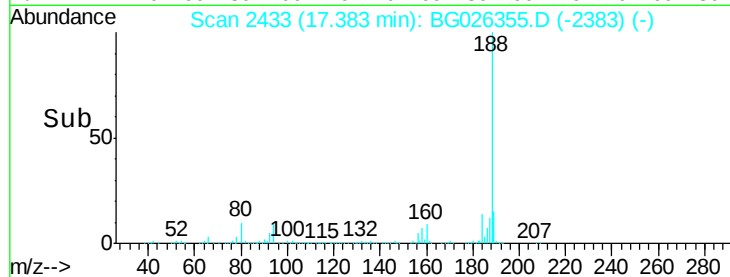
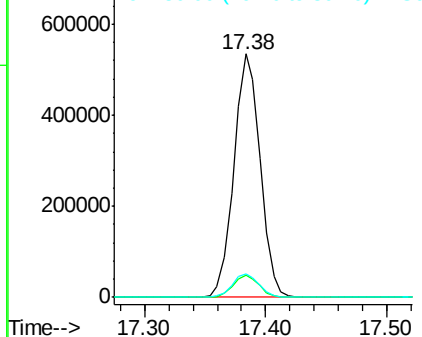
3/23/2017 3:31:39 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 42.05 ng

RT: 15.77 min Scan# 2159

Delta R.T. 0.00 min

Lab File: BG026355.D

Acq: 21 Mar 2017 11:26

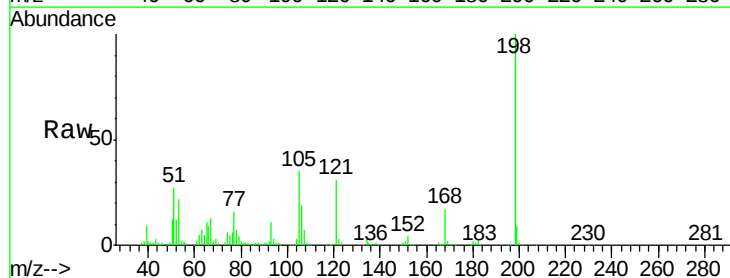
Tgt Ion:198 Resp: 214516

Ion Ratio Lower Upper

198 100

51 27.3 22.6 62.6

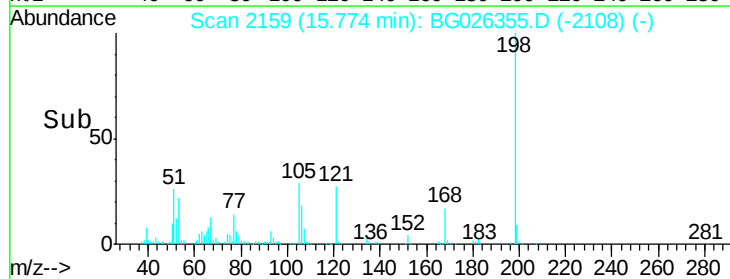
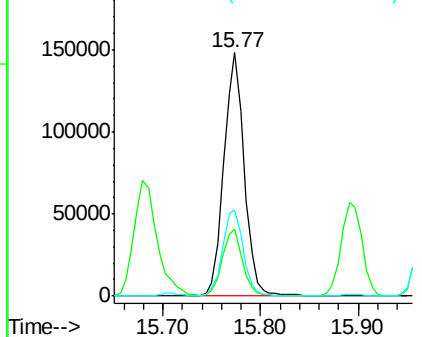
105 35.5 14.4 54.4

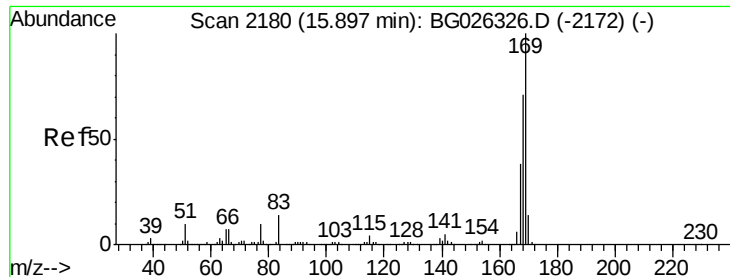


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





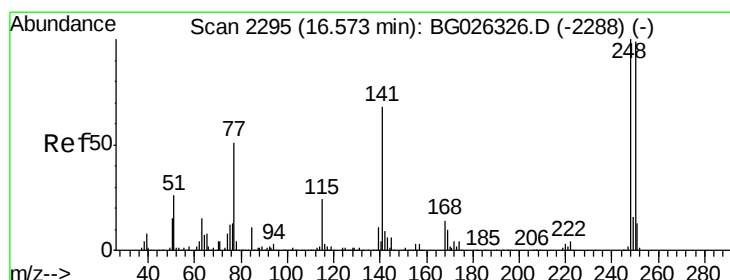
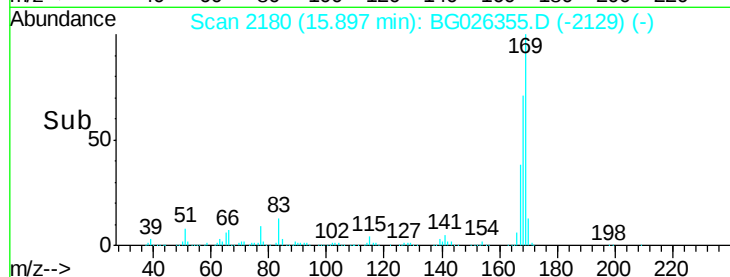
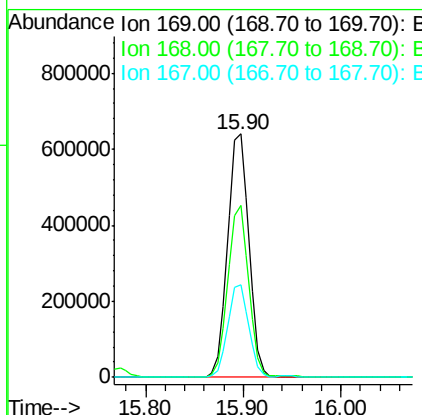
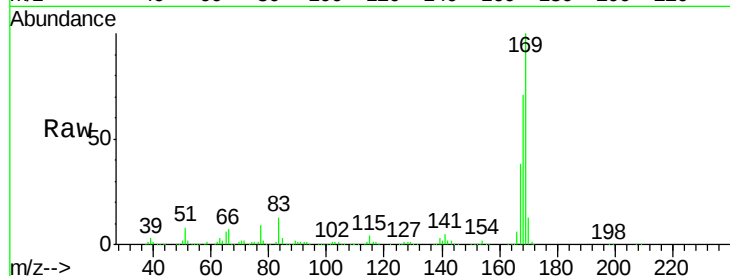
#65
n-Nitrosodiphenylamine
Concen: 40.80 ng
RT: 15.90 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BG026355.D
Acq: 21 Mar 2017 11:26

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.6	55.7	83.5
167	38.1	29.8	44.6

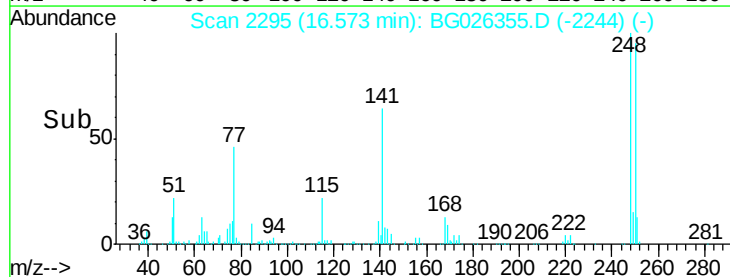
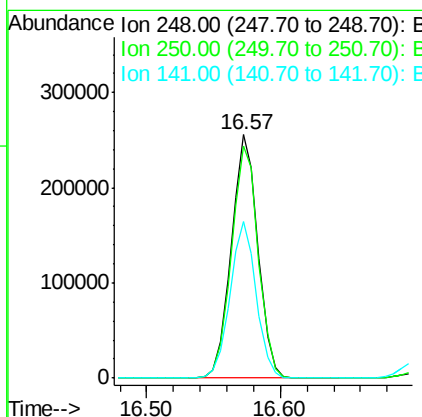
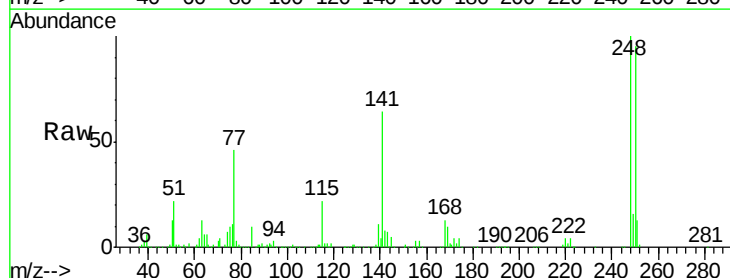
Manual Integrations
APPROVED

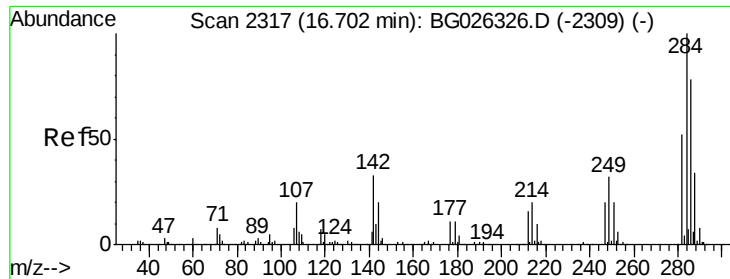
mohammad
3/23/2017 3:31:39 PM



#66
4-Bromophenyl-phenylether
Concen: 42.34 ng
RT: 16.57 min Scan# 2295
Delta R.T. 0.00 min
Lab File: BG026355.D
Acq: 21 Mar 2017 11:26

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.2	75.0	112.6
141	64.1	55.2	82.8





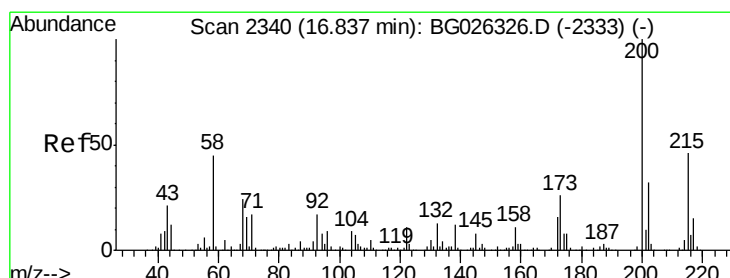
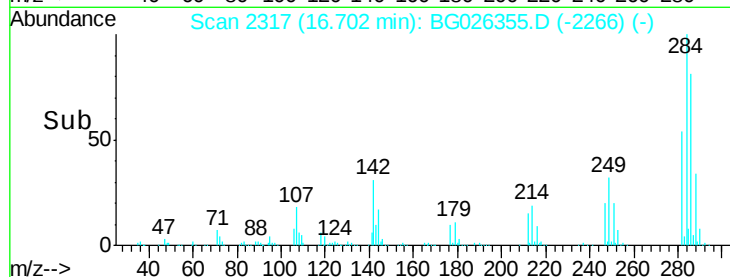
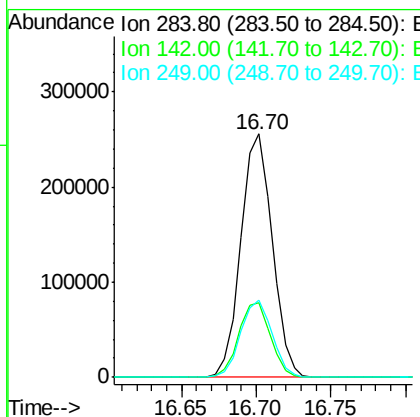
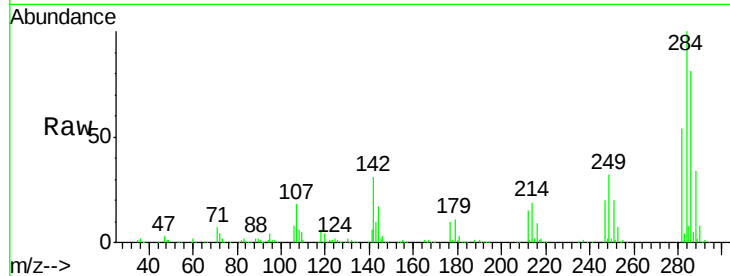
#67
Hexachlorobenzene
Concen: 42.02 ng
RT: 16.70 min Scan# 2317
Delta R.T. 0.00 min
Lab File: BG026355.D
Acq: 21 Mar 2017 11:26

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	373332		
142	30.7	29.9	44.9	
249	31.7	29.2	43.8	

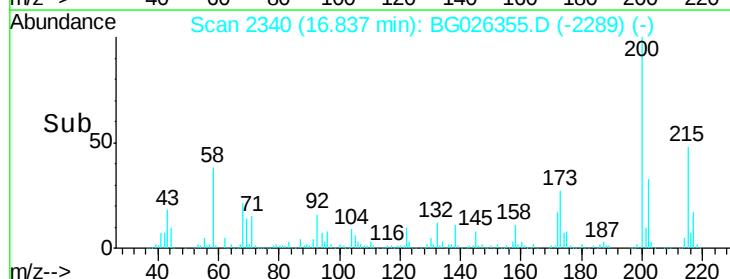
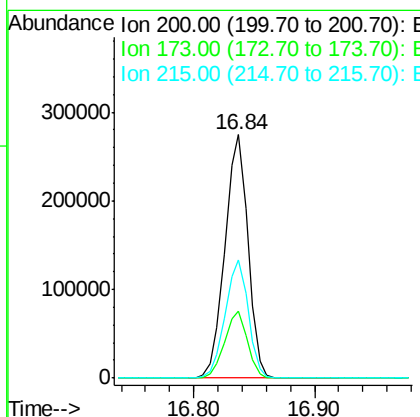
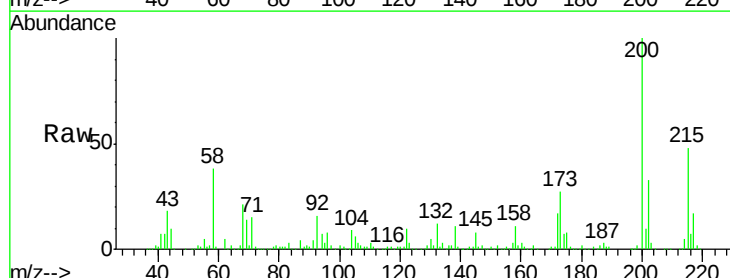
Manual Integrations
APPROVED

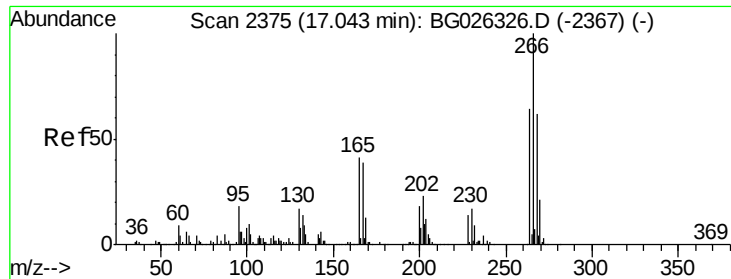
mohammad
3/23/2017 3:31:39 PM



#68
Atrazine
Concen: 40.36 ng
RT: 16.84 min Scan# 2340
Delta R.T. 0.00 min
Lab File: BG026355.D
Acq: 21 Mar 2017 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	362831		
173	27.3	3.0	43.0	
215	48.4	28.4	68.4	





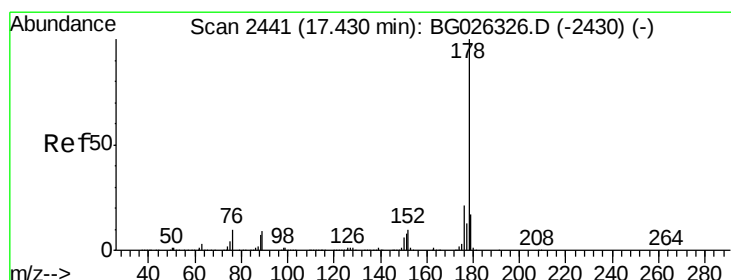
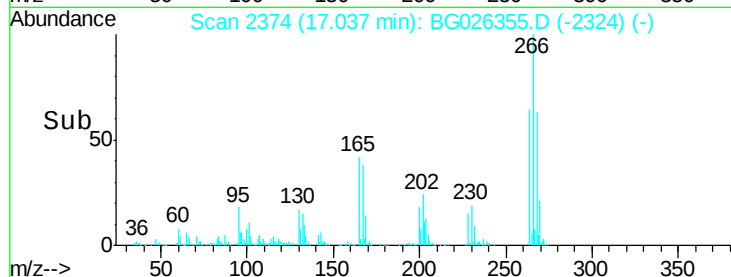
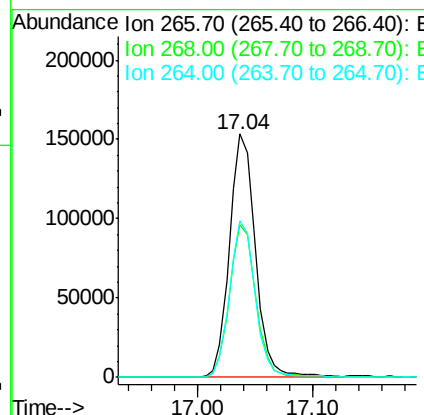
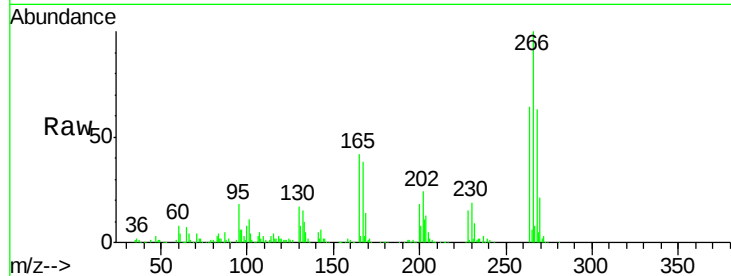
#69
 Pentachlorophenol
 Concen: 41.39 ng
 RT: 17.04 min Scan# 2374
 Delta R.T. -0.01 min
 Lab File: BG026355.D
 Acq: 21 Mar 2017 11:26

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	239088		
268	63.0	48.6	72.8	
264	64.4	50.1	75.1	

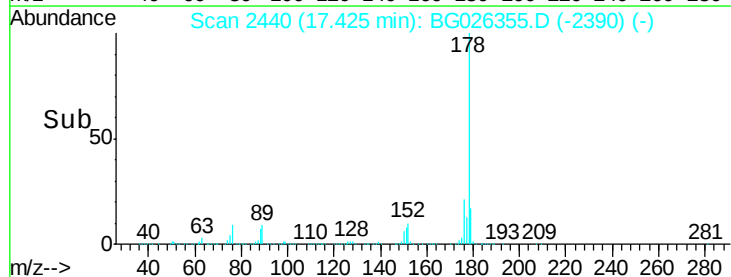
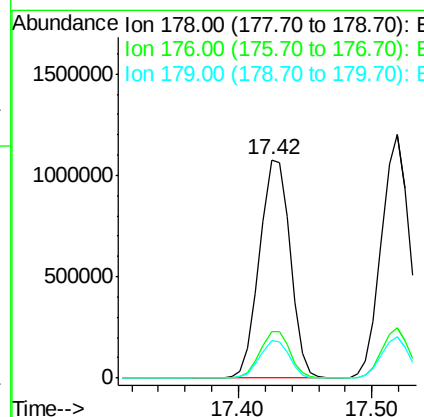
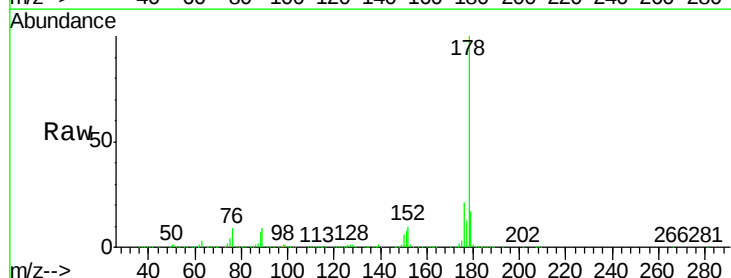
Manual Integrations
 APPROVED

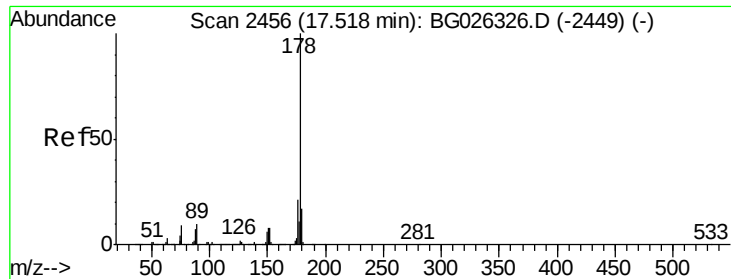
mohammad
 3/23/2017 3:31:39 PM



#70
 Phenanthrene
 Concen: 39.46 ng
 RT: 17.42 min Scan# 2440
 Delta R.T. -0.01 min
 Lab File: BG026355.D
 Acq: 21 Mar 2017 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1714924		
176	21.4	17.7	26.5	
179	17.3	15.0	22.6	





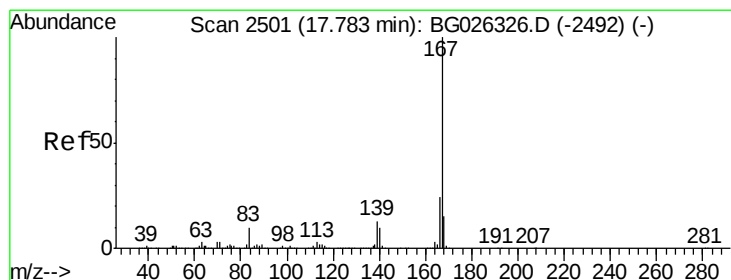
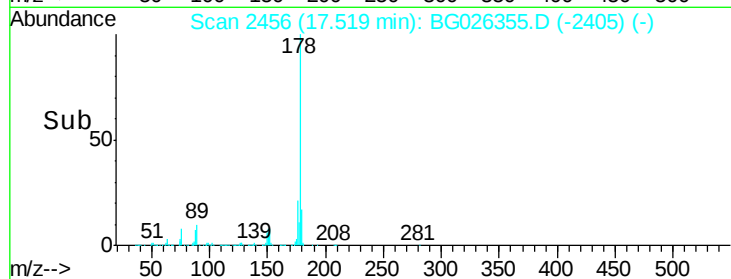
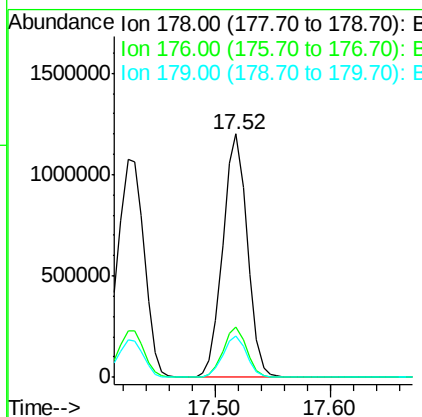
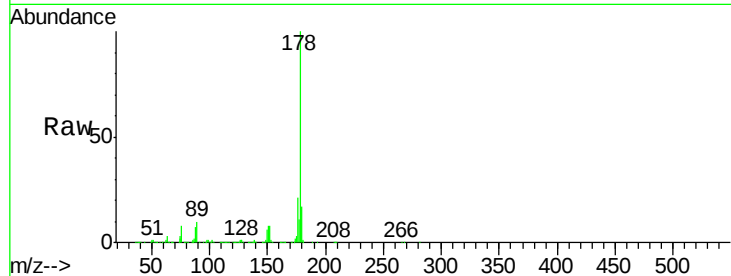
#71
 Anthracene
 Concen: 39.77 ng
 RT: 17.52 min Scan# 2456
 Delta R.T. 0.00 min
 Lab File: BG026355.D
 Acq: 21 Mar 2017 11:26

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion:178 Resp: 1763435
 Ion Ratio Lower Upper
 178 100
 176 20.8 16.4 24.6
 179 17.1 13.8 20.8

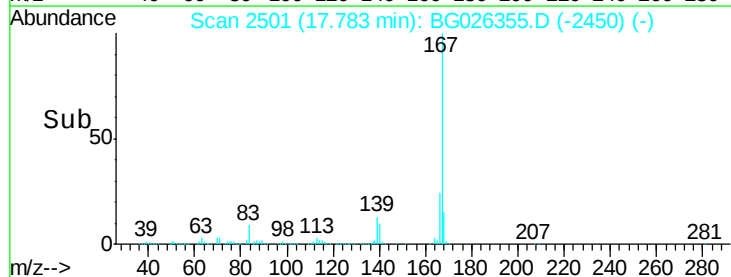
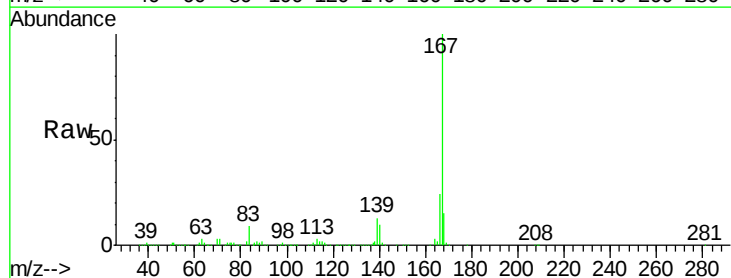
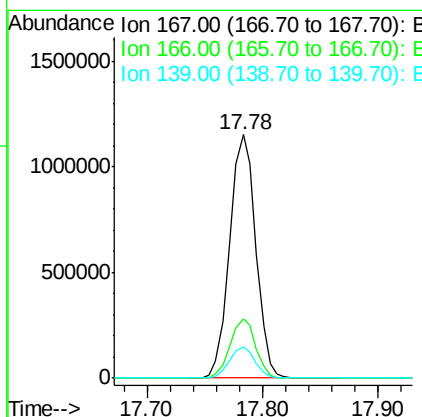
Manual Integrations
 APPROVED

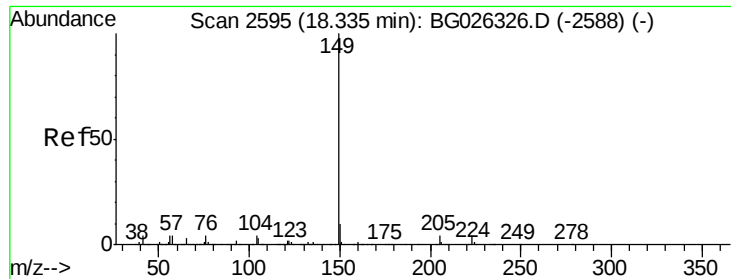
mohammad
 3/23/2017 3:31:39 PM



#72
 Carbazole
 Concen: 39.56 ng
 RT: 17.78 min Scan# 2501
 Delta R.T. 0.00 min
 Lab File: BG026355.D
 Acq: 21 Mar 2017 11:26

Tgt Ion:167 Resp: 1805870
 Ion Ratio Lower Upper
 167 100
 166 24.4 20.2 30.2
 139 12.8 12.8 19.2





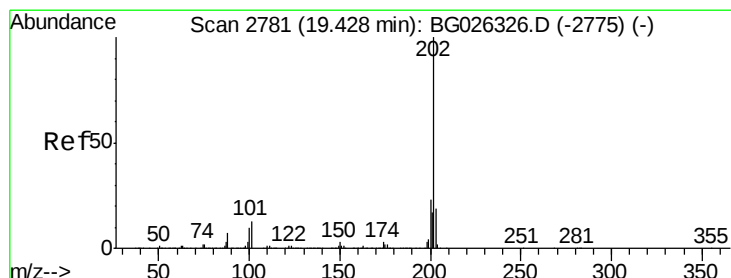
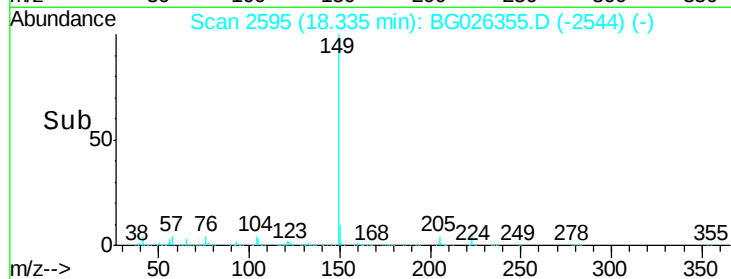
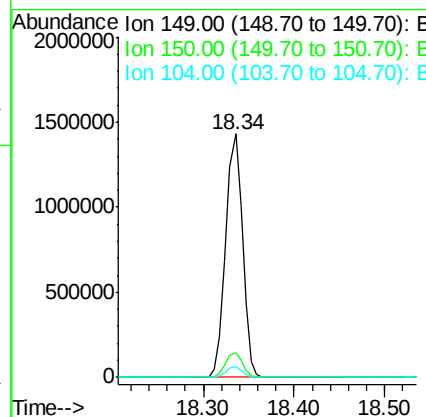
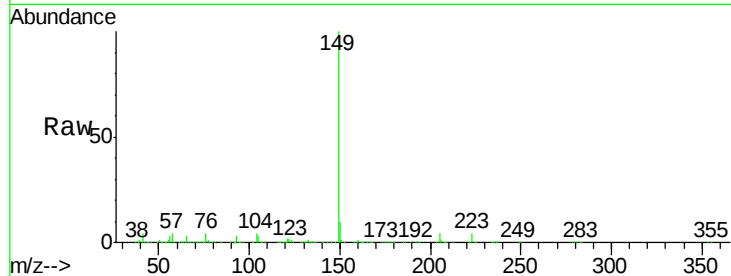
#73
Di-n-butylphthalate
Concen: 39.11 ng
RT: 18.34 min Scan# 2595
Delta R.T. 0.00 min
Lab File: BG026355.D
Acq: 21 Mar 2017 11:26

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	9.1	13.7
104	4.4	6.7	10.1

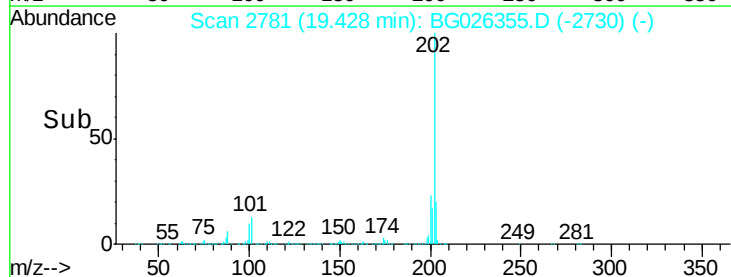
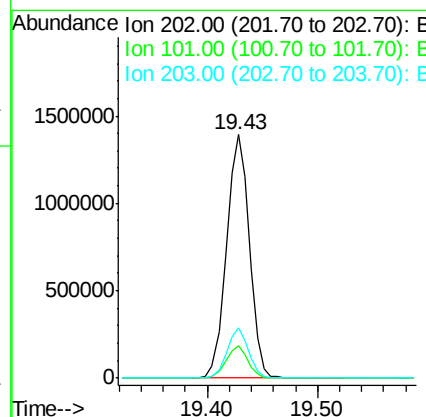
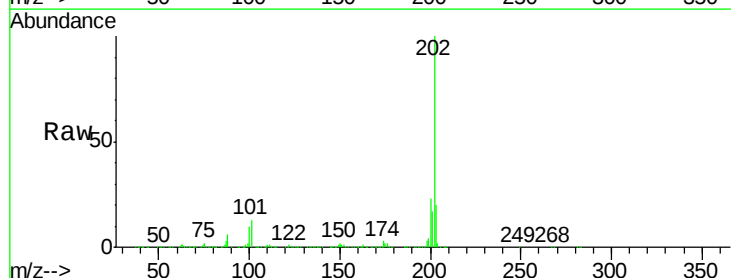
Manual Integrations
APPROVED

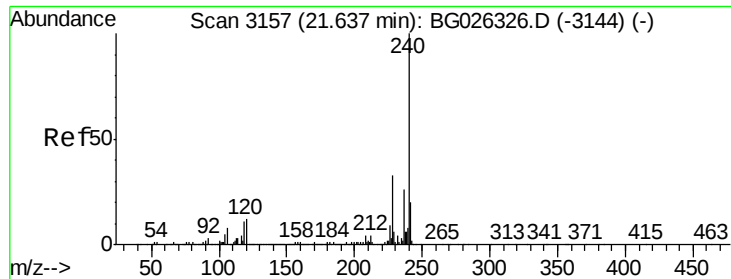
mohammad
3/23/2017 3:31:39 PM



#74
Fluoranthene
Concen: 39.19 ng
RT: 19.43 min Scan# 2781
Delta R.T. 0.00 min
Lab File: BG026355.D
Acq: 21 Mar 2017 11:26

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	30.1
203	20.4	1.3	41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG026355.D

Acq: 21 Mar 2017 11:26

Instrument :

BNA_G

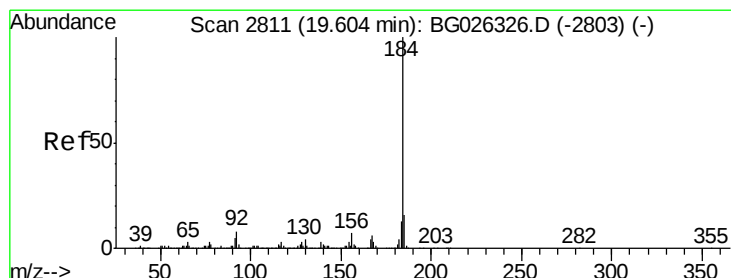
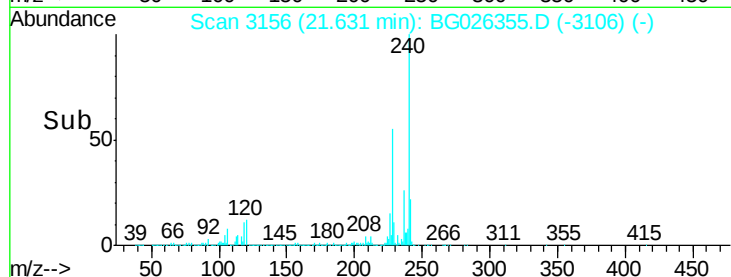
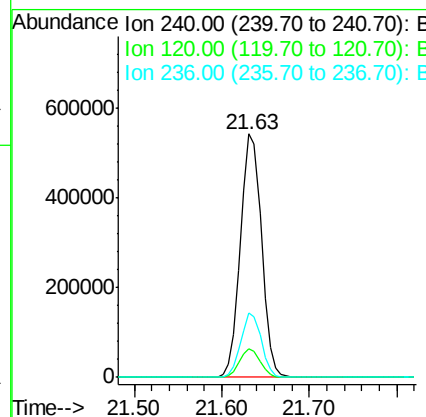
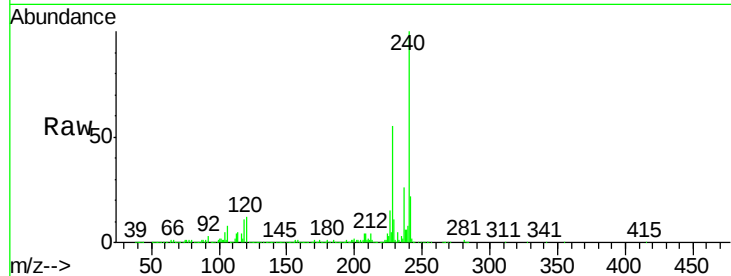
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.5	5.7	8.5#
236	26.3	22.2	33.4

Manual Integrations
APPROVED

mohammad
3/23/2017 3:31:39 PM



#76

Benzidine

Concen: 38.97 ng

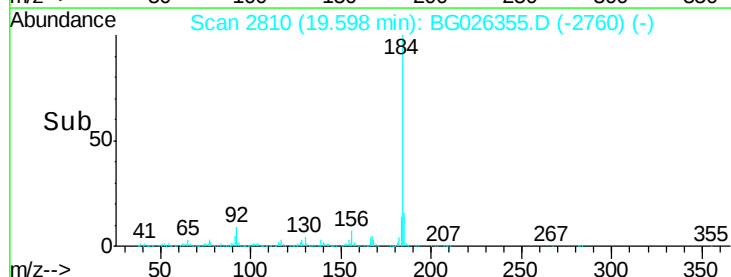
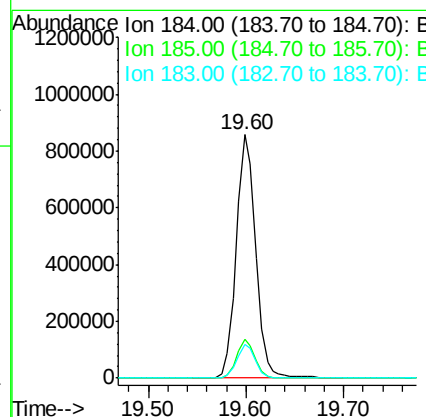
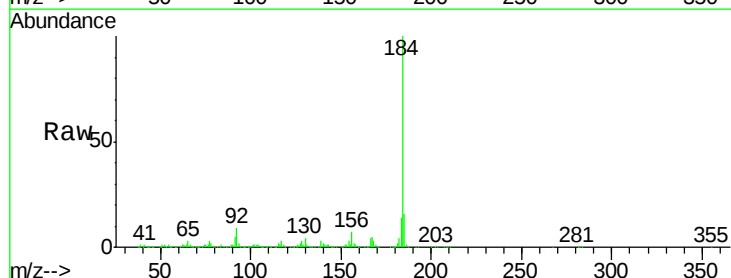
RT: 19.60 min Scan# 2810

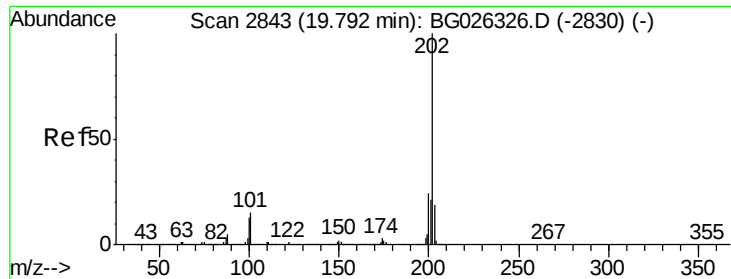
Delta R.T. -0.01 min

Lab File: BG026355.D

Acq: 21 Mar 2017 11:26

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.8	13.0	19.6
183	13.6	11.0	16.6





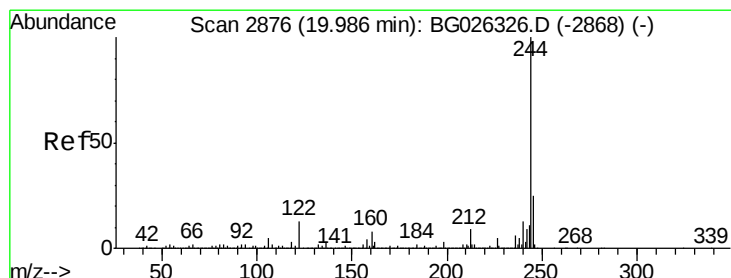
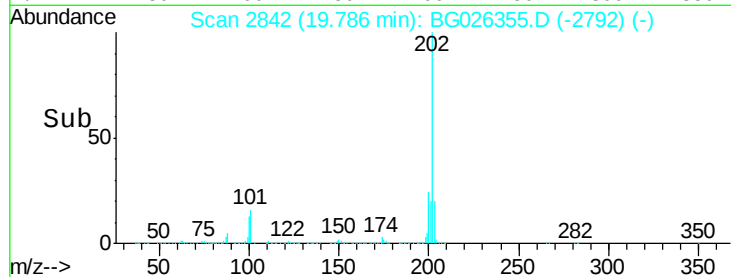
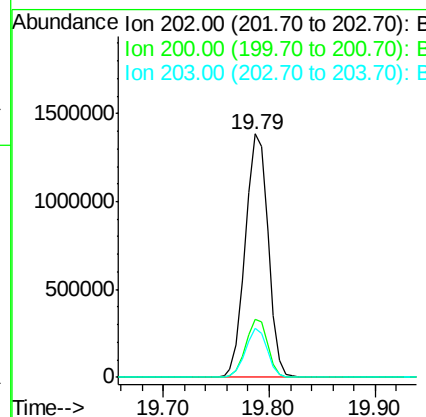
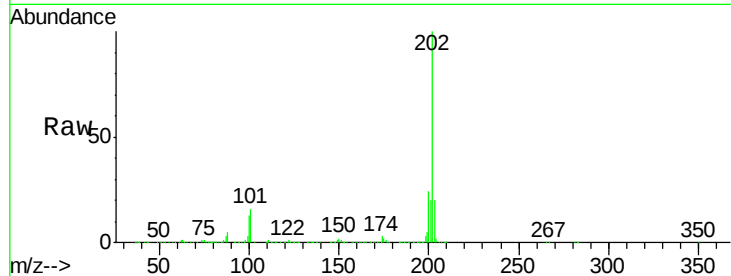
#77
 Pyrene
 Concen: 40.53 ng
 RT: 19.79 min Scan# 2842
 Delta R.T. -0.01 min
 Lab File: BG026355.D
 Acq: 21 Mar 2017 11:26

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.9	19.6	29.4
203	20.1	15.8	23.8

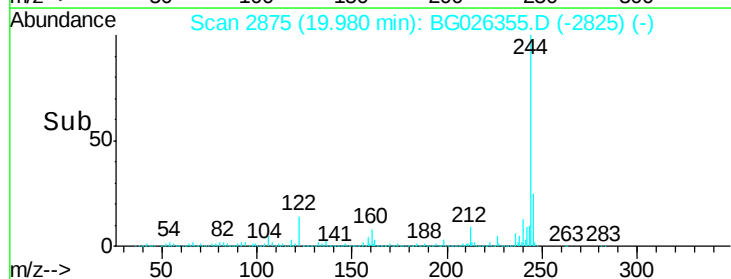
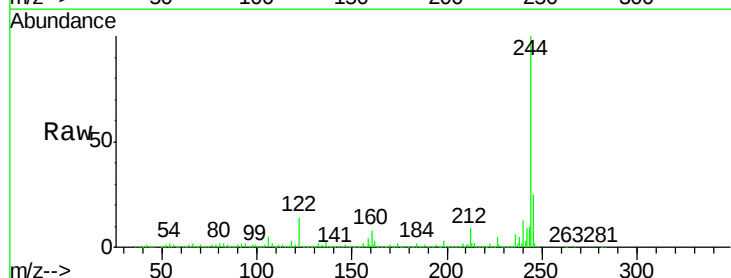
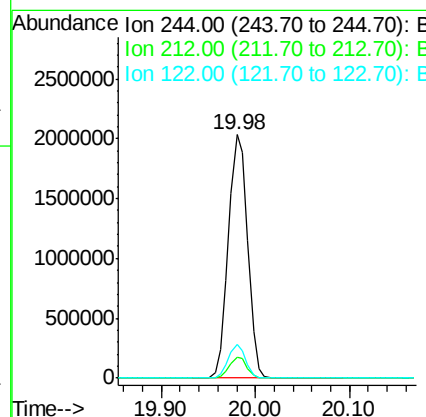
Manual Integrations
 APPROVED

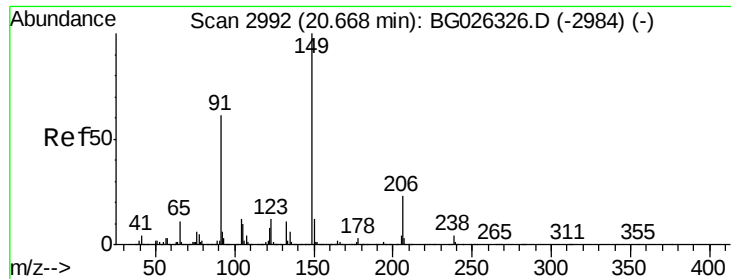
mohammad
 3/23/2017 3:31:39 PM



#78
 Terphenyl-d14
 Concen: 80.13 ng
 RT: 19.98 min Scan# 2875
 Delta R.T. -0.01 min
 Lab File: BG026355.D
 Acq: 21 Mar 2017 11:26

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.7	10.0	15.0#
122	14.1	8.6	12.8#





#79

Butylbenzylphthalate

Concen: 40.62 ng

RT: 20.66 min Scan# 2991

Delta R.T. -0.01 min

Lab File: BG026355.D

Acq: 21 Mar 2017 11:26

Instrument :

BNA_G

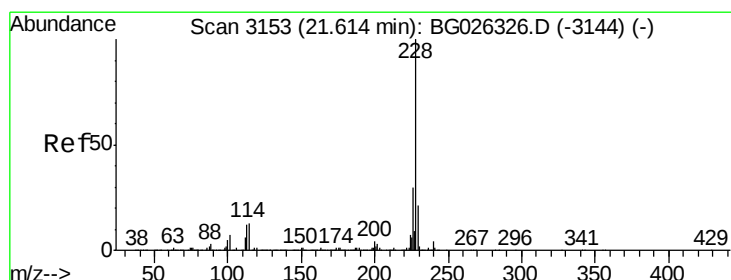
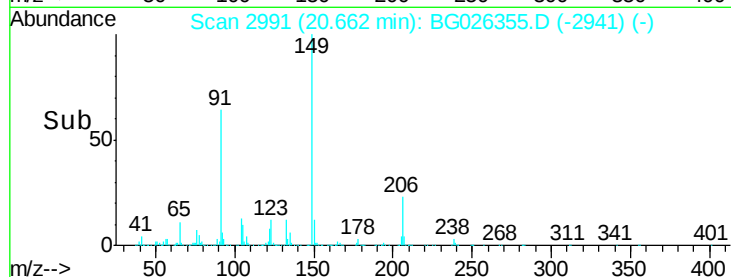
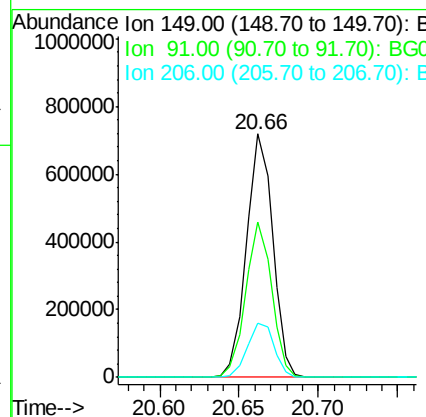
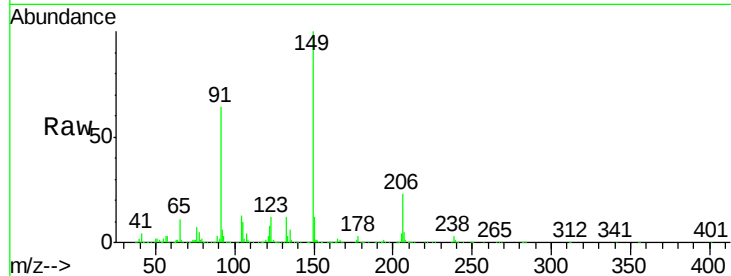
ClientSampleId :

SSTDCCC040

Tgt Ion:	149	Resp:	829274
Ion Ratio	Lower	Upper	
149	100		
91	63.7	63.5	95.3
206	22.5	21.0	31.6

Manual Integrations
APPROVED

mohammad
3/23/2017 3:31:39 PM



#80

Benzo(a)anthracene

Concen: 39.80 ng

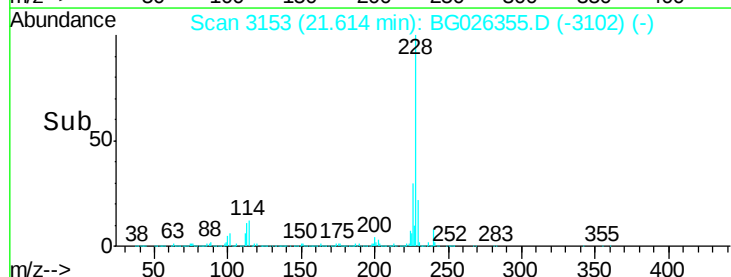
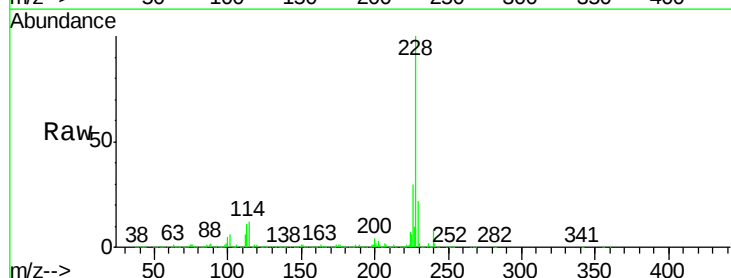
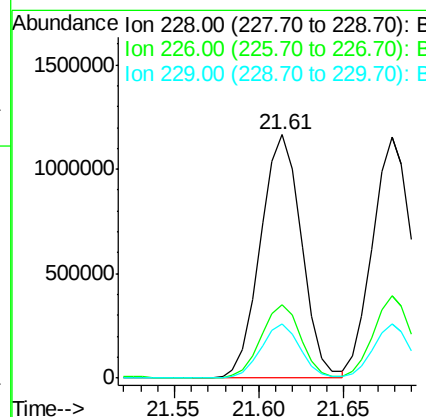
RT: 21.61 min Scan# 3153

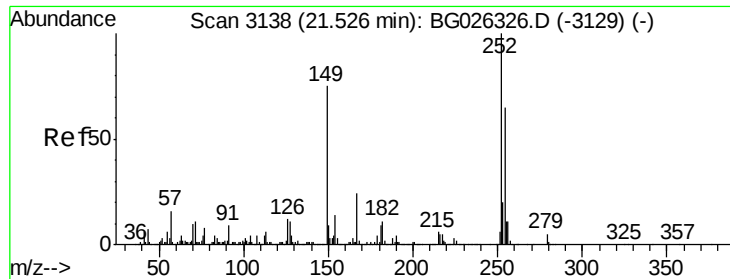
Delta R.T. 0.00 min

Lab File: BG026355.D

Acq: 21 Mar 2017 11:26

Tgt Ion:	228	Resp:	1973477
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.9	37.3
229	22.1	18.2	27.2





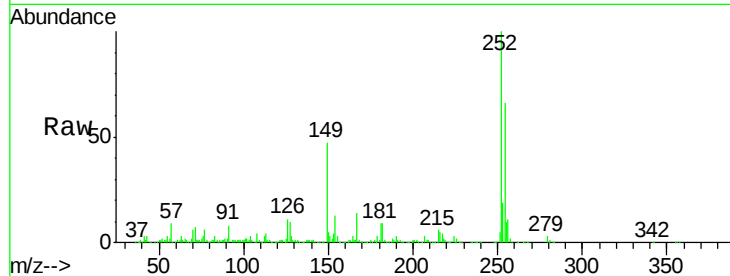
#81
 3,3'-Dichlorobenzidine
 Concen: 41.03 ng
 RT: 21.53 min Scan# 3138
 Delta R.T. 0.00 min
 Lab File: BG026355.D
 Acq: 21 Mar 2017 11:26

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

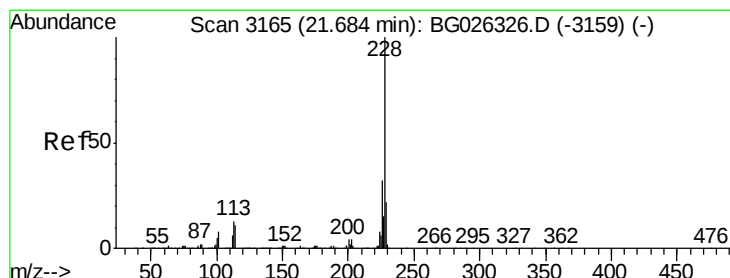
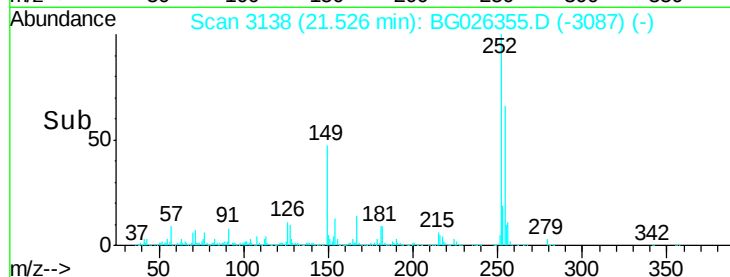
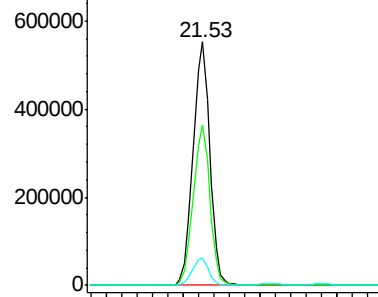
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.7	53.1	79.7
126	11.0	7.0	10.4

Manual Integrations
 APPROVED

mohammad
 3/23/2017 3:31:39 PM

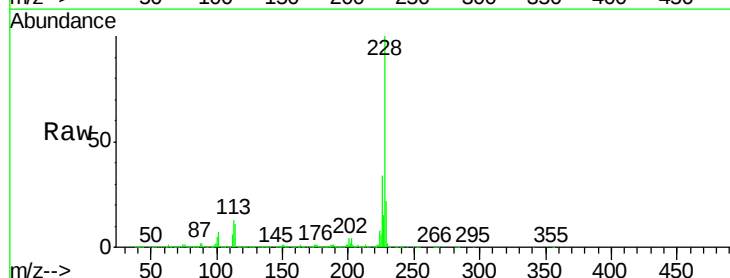


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

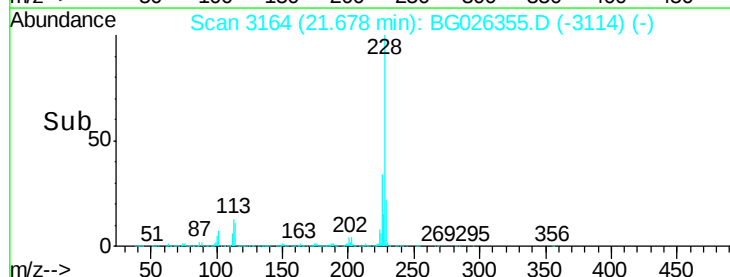
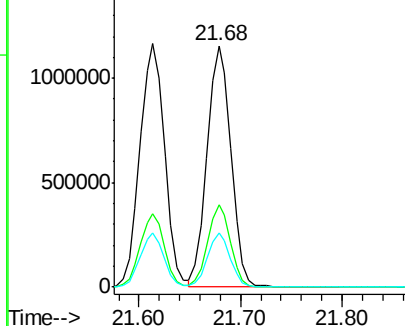


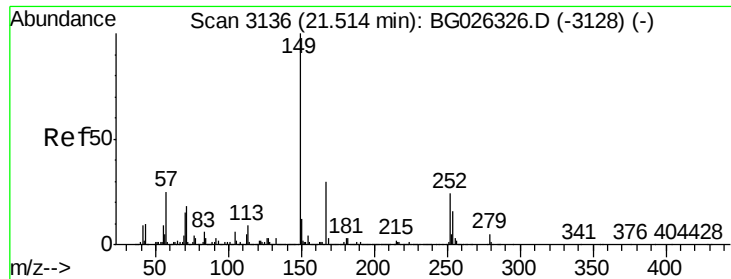
#82
 Chrysene
 Concen: 39.66 ng
 RT: 21.68 min Scan# 3164
 Delta R.T. -0.01 min
 Lab File: BG026355.D
 Acq: 21 Mar 2017 11:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.2	27.0	40.4
229	22.2	17.8	26.6



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





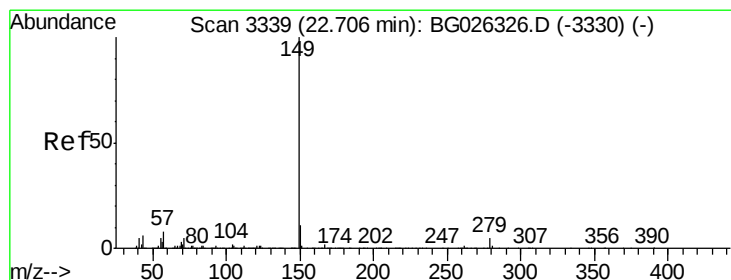
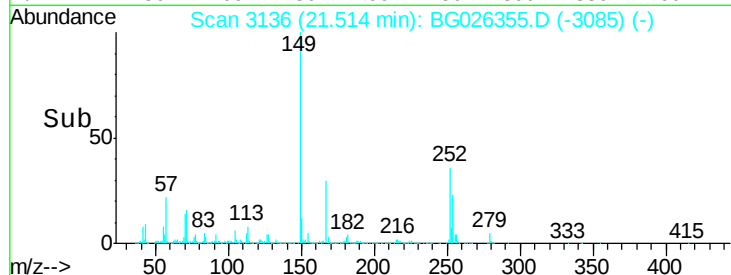
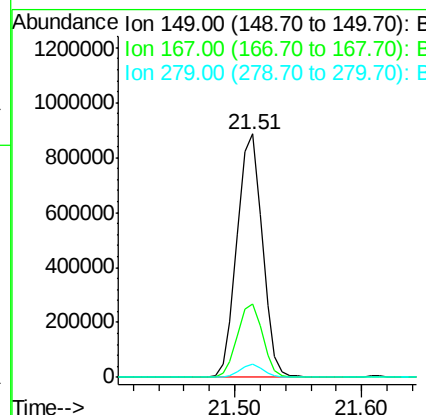
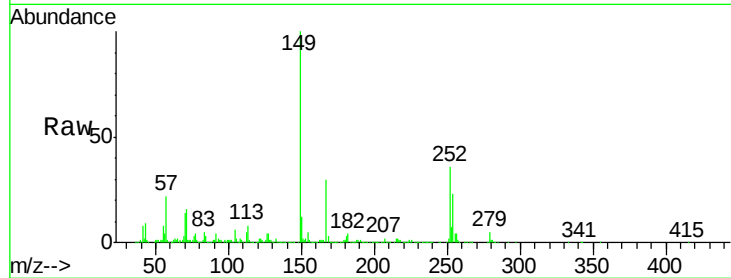
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.57 ng
 RT: 21.51 min Scan# 3136
 Delta R.T. 0.00 min
 Lab File: BG026355.D
 Acq: 21 Mar 2017 11:26

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.2	23.7	35.5
279	5.2	4.6	6.8

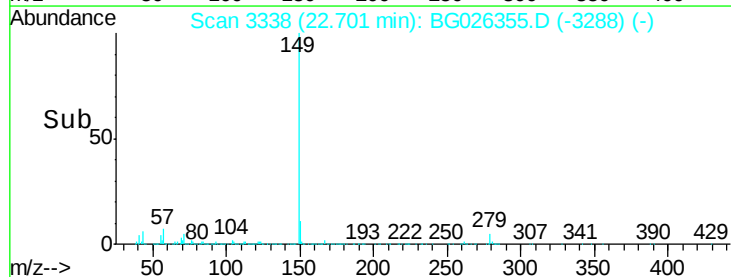
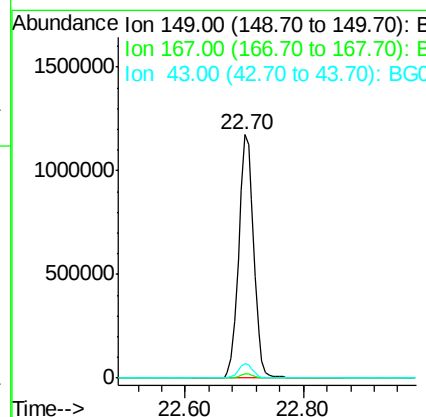
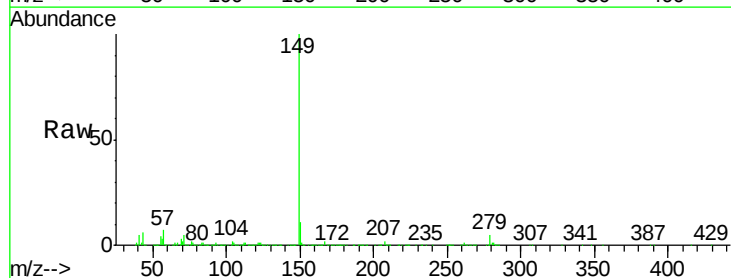
Manual Integrations
 APPROVED

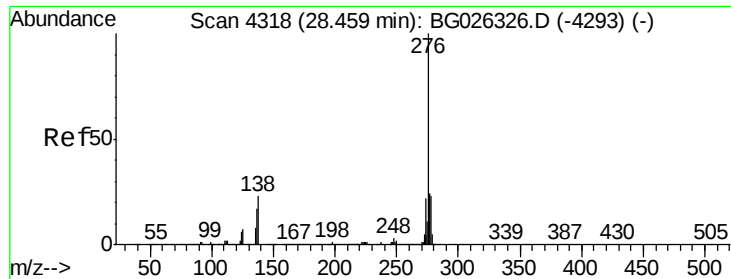
mohammad
 3/23/2017 3:31:39 PM



#84
 Di-n-octyl phthalate
 Concen: 39.69 ng
 RT: 22.70 min Scan# 3338
 Delta R.T. -0.01 min
 Lab File: BG026355.D
 Acq: 21 Mar 2017 11:26

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	5.8	11.8	17.6#





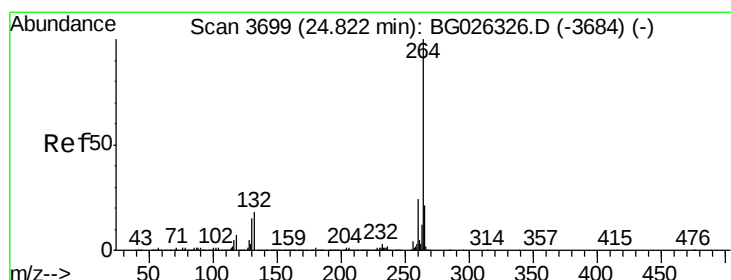
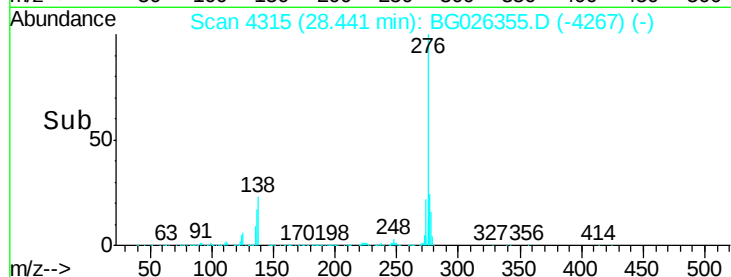
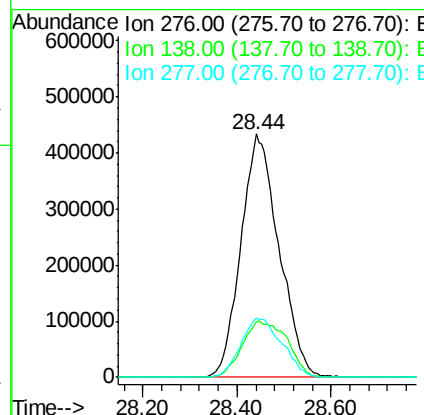
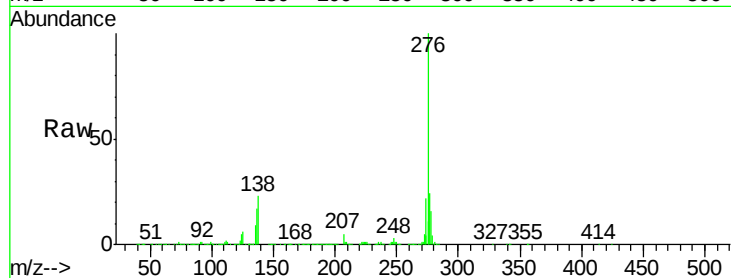
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.49 ng
RT: 28.44 min Scan# 4315
Delta R.T. -0.02 min
Lab File: BG026355.D
Acq: 21 Mar 2017 11:26

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 276 Resp: 2426804
Ion Ratio Lower Upper
276 100
138 27.6 4.7 7.1#
277 26.3 20.6 31.0

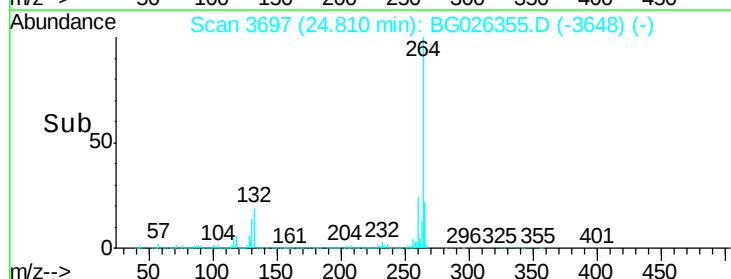
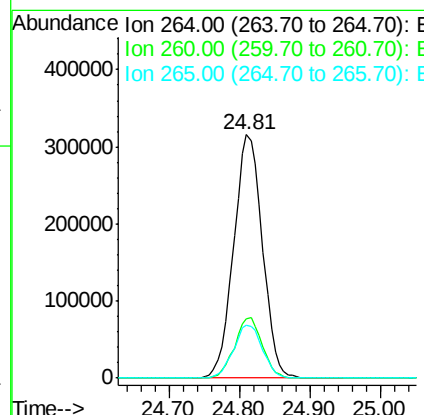
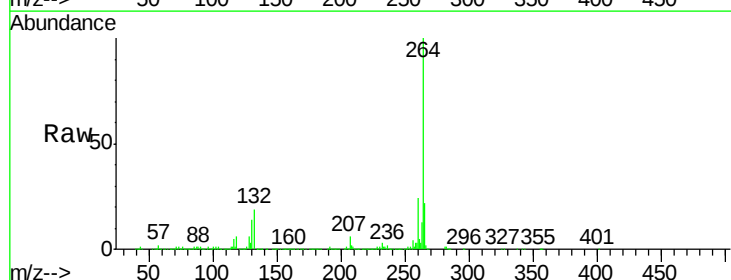
Manual Integrations
APPROVED

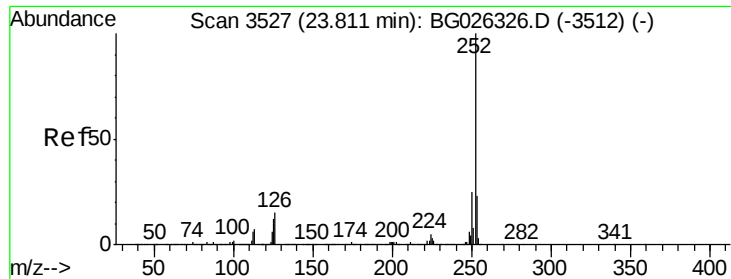
mohammad
3/23/2017 3:31:39 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.81 min Scan# 3697
Delta R.T. -0.01 min
Lab File: BG026355.D
Acq: 21 Mar 2017 11:26

Tgt Ion: 264 Resp: 890968
Ion Ratio Lower Upper
264 100
260 24.5 21.8 32.8
265 21.9 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 39.05 ng

RT: 23.81 min Scan# 3526

Delta R.T. -0.01 min

Lab File: BG026355.D

Acq: 21 Mar 2017 11:26

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 2051236

Ion Ratio Lower Upper

252 100

253 23.5 18.7 28.1

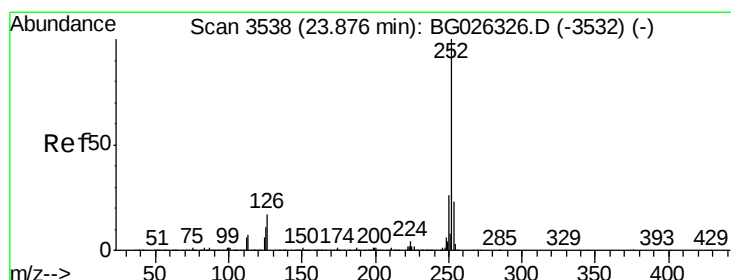
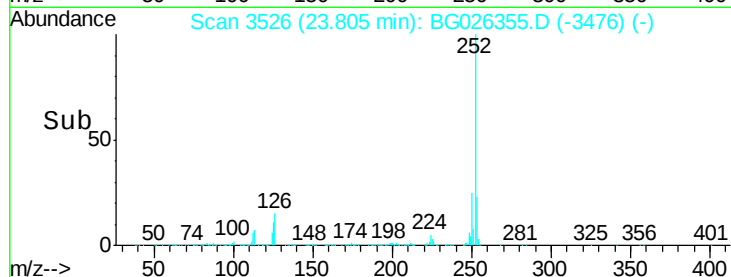
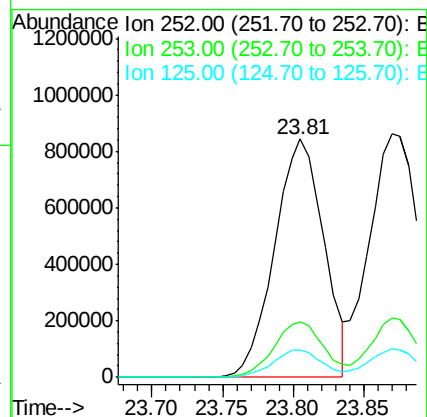
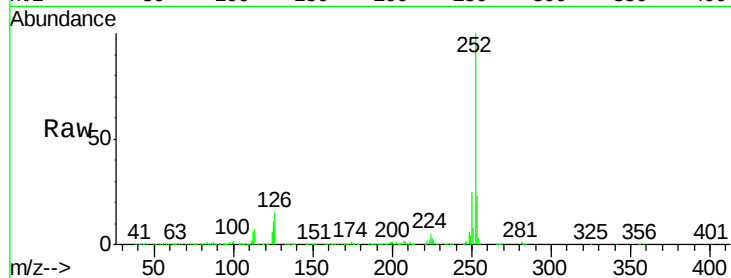
125 11.2 5.3 7.9#

Manual Integrations

APPROVED

mohammad

3/23/2017 3:31:39 PM



#88

Benzo(k)fluoranthene

Concen: 41.28 ng

RT: 23.87 min Scan# 3537

Delta R.T. -0.01 min

Lab File: BG026355.D

Acq: 21 Mar 2017 11:26

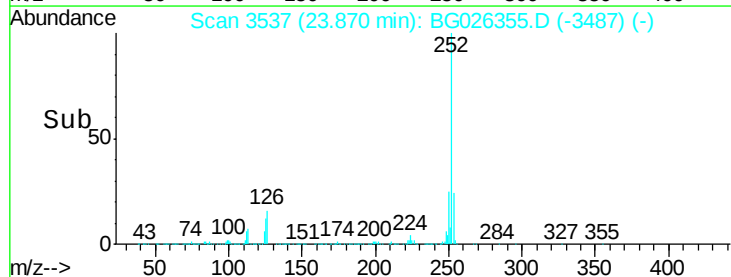
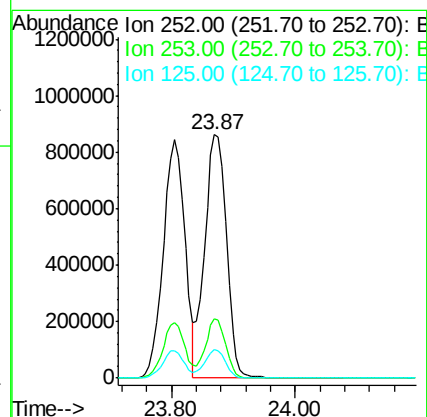
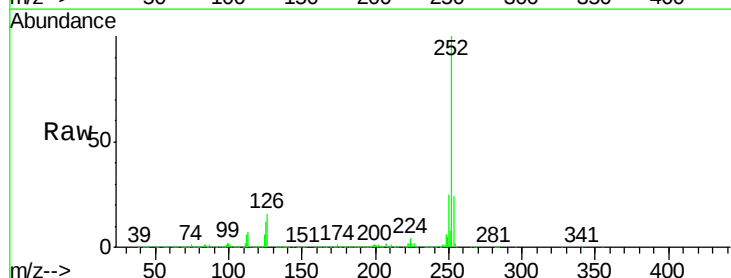
Tgt Ion:252 Resp: 2102628

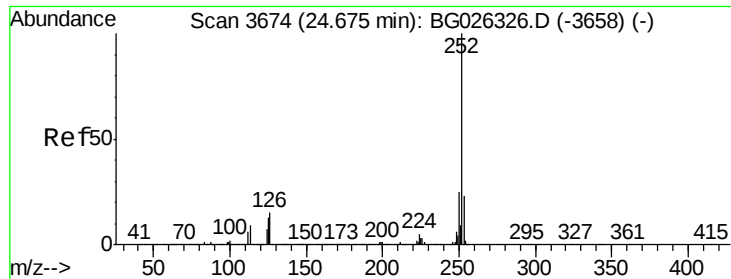
Ion Ratio Lower Upper

252 100

253 24.2 20.2 30.2

125 11.7 5.1 7.7#





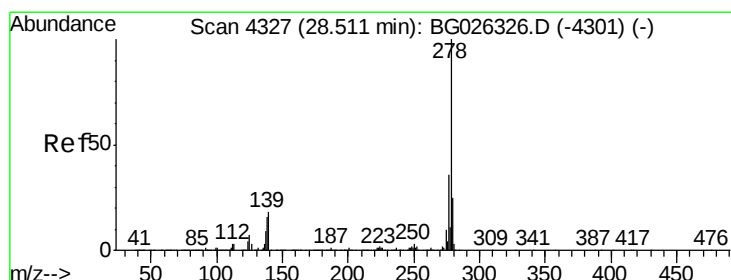
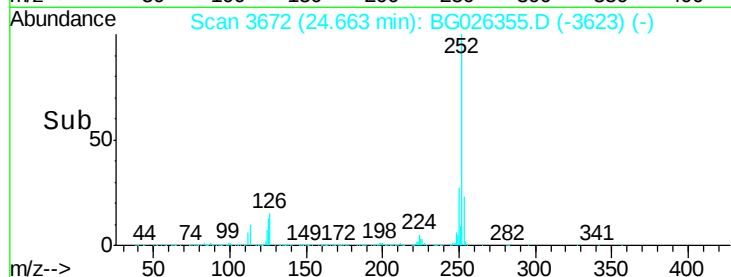
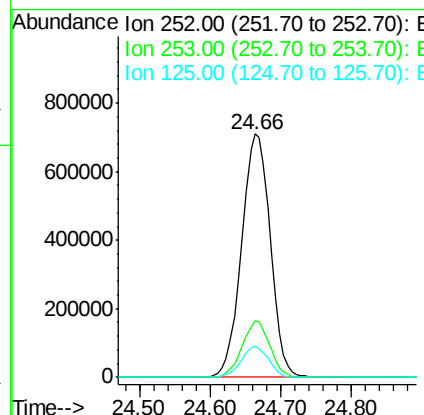
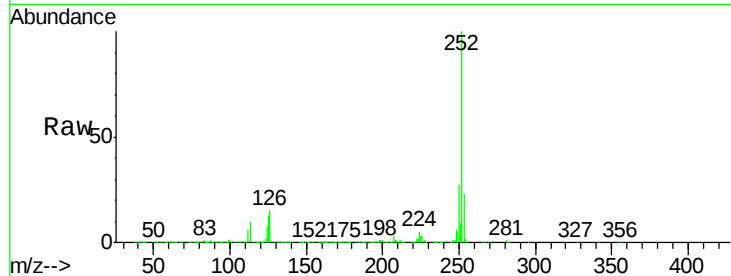
#89
Benzo(a)pyrene
Concen: 39.73 ng
RT: 24.66 min Scan# 3672
Delta R.T. -0.01 min
Lab File: BG026355.D
Acq: 21 Mar 2017 11:26

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.2	28.8
125	12.6	5.4	8.0#

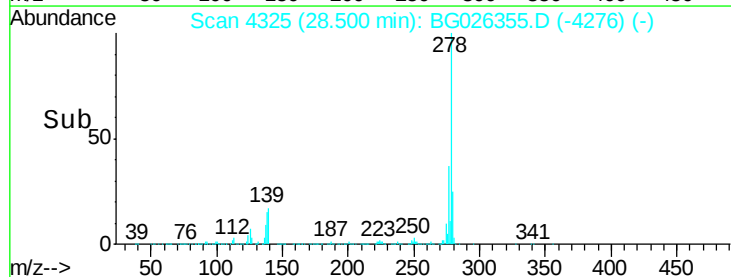
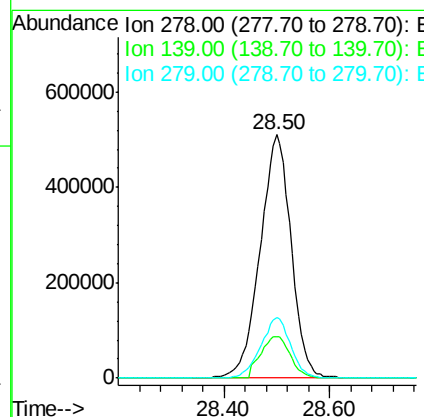
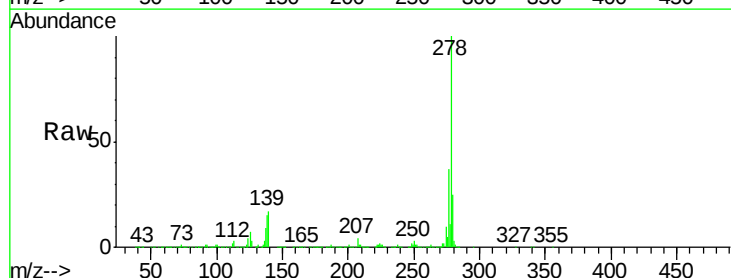
Manual Integrations
APPROVED

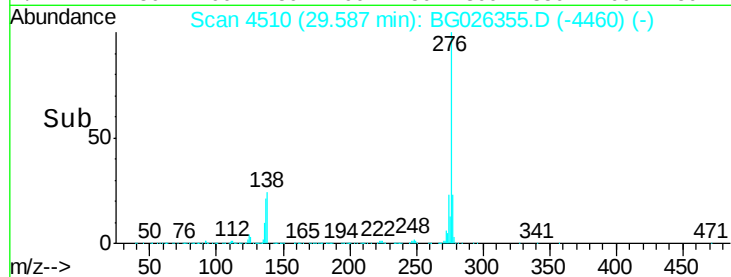
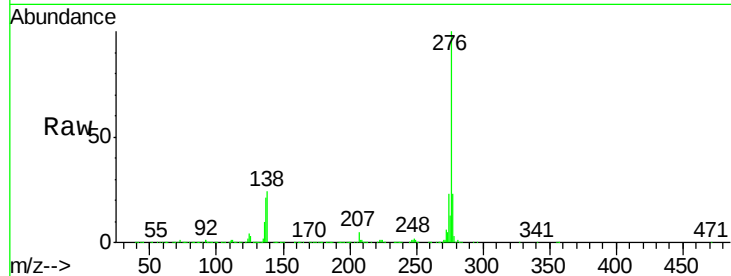
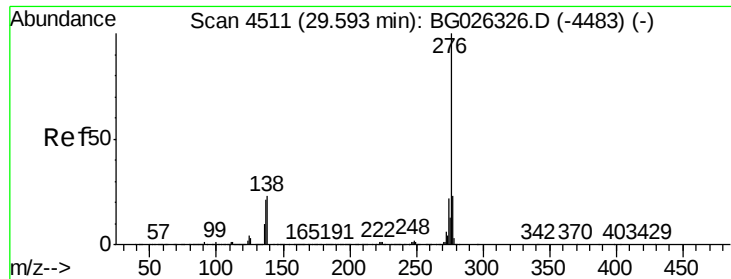
mohammad
3/23/2017 3:31:39 PM



#90
Dibenzo(a,h)anthracene
Concen: 40.74 ng
RT: 28.50 min Scan# 4325
Delta R.T. -0.01 min
Lab File: BG026355.D
Acq: 21 Mar 2017 11:26

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.9	7.7	11.5#
279	25.1	19.1	28.7





#91

Benzo(g,h,i)perylene

Concen: 40.13 ng

RT: 29.59 min Scan# 4510

Delta R.T. -0.01 min

Lab File: BG026355.D

Acq: 21 Mar 2017 11:26

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 276 Resp: 2058586

Ion Ratio Lower Upper

276 100

277 23.4 18.6 27.8

138 23.9 8.1 12.1#

Manual Integrations

APPROVED

mohammad

3/23/2017 3:31:39 PM

