

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052617\
 Data File : BM010263.D
 Acq On : 26 May 2017 18:47
 Operator : SJ/MA
 Sample : PB99311BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB99311BS

Manual Integrations
 APPROVED

mohammad
 5/30/2017 1:09:55 PM

Quant Time: May 27 00:51:21 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:25:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	108447	20.00	ng	-0.04
21) Naphthalene-d8	10.75	136	367098	20.00	ng	-0.04
38) Acenaphthene-d10	14.57	164	232681	20.00	ng	-0.04
63) Phenanthrene-d10	17.32	188	541600	20.00	ng	-0.04
75) Chrysene-d12	21.48	240	851734	20.00	ng	-0.03
86) Perylene-d12	23.83	264	1006285	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	888037	147.87	ng	-0.04
7) Phenol-d6	7.13	99	1057511	136.85	ng	-0.04
23) Nitrobenzene-d5	9.13	82	748089	109.94	ng	-0.04
41) 2,4,6-Tribromophenol	16.07	330	535633	151.57	ng	-0.03
44) 2-Fluorobiphenyl	13.19	172	1924328	106.32	ng	-0.04
78) Terphenyl-d14	19.92	244	3131874	83.61	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	104597	37.91	ng	# 100
3) Pyridine	3.84	79	265414	35.93	ng	# 88
4) n-Nitrosodimethylamine	3.76	42	161940	60.61	ng	# 79
6) Aniline	7.29	93	289619	30.25	ng	93
8) 2-Chlorophenol	7.51	128	281099	43.02	ng	92
9) Benzaldehyde	7.10	77	62234	12.94	ng	91
10) Phenol	7.16	94	348906	42.84	ng	97
11) bis(2-Chloroethyl)ether	7.37	93	261820	43.13	ng	97
12) 1,3-Dichlorobenzene	7.82	146	338602	40.78	ng	# 90
13) 1,4-Dichlorobenzene	7.97	146	356548	41.80	ng	96
14) 1,2-Dichlorobenzene	8.29	146	334928	40.91	ng	95
15) Benzyl Alcohol	8.20	79	237956	40.70	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	8.46	45	205987	34.51	ng	73
17) 2-Methylphenol	8.40	107	233264	40.26	ng	# 82
18) Hexachloroethane	9.01	117	121667	44.00	ng	# 70
19) n-Nitroso-di-n-propylamine	8.75	70	241593	44.29	ng	94
20) 3+4-Methylphenols	8.73	107	313524	40.06	ng	84
22) Acetophenone	8.78	105	431300	45.83	ng	# 95
24) Nitrobenzene	9.17	77	369029	52.65	ng	92
25) Isophorone	9.67	82	572193	48.67	ng	# 93
26) 2-Nitrophenol	9.87	139	141411	47.86	ng	# 55
27) 2,4-Dimethylphenol	9.92	122	238106	44.63	ng	# 78
28) bis(2-Chloroethoxy)methane	10.16	93	316265	42.39	ng	100
29) 2,4-Dichlorophenol	10.40	162	307122	50.00	ng	96
30) 1,2,4-Trichlorobenzene	10.60	180	379467	47.75	ng	99
31) Naphthalene	10.80	128	811849	41.34	ng	99
32) Benzoic acid	10.06	122	136984	37.68	ng	# 79
33) 4-Chloroaniline	10.96	127	193796m	25.62	ng	
34) Hexachlorobutadiene	11.04	225	269005	50.74	ng	96
35) Caprolactam	11.75	113	70204m	39.83	ng	
36) 4-Chloro-3-methylphenol	12.05	107	283379	42.60	ng	# 82
37) 2-Methylnaphthalene	12.40	142	635527	44.95	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	12.75	216	433646	48.46	ng	# 100
40) Hexachlorocyclopentadiene	12.72	237	653551	126.50	ng	100

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052617\
 Data File : BM010263.D
 Acq On : 26 May 2017 18:47
 Operator : SJ/MA
 Sample : PB99311BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 PB99311BS

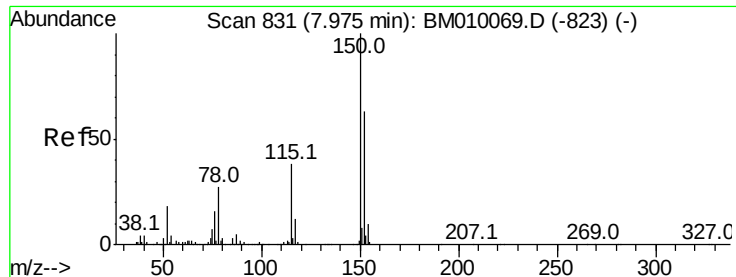
Manual Integrations
 APPROVED

mohammad
 5/30/2017 1:09:55 PM

Quant Time: May 27 00:51:21 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:25:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.01	196	271920	51.60	nq	98
43) 2,4,5-Trichlorophenol	13.09	196	286034	49.12	nq #	91
45) 1,1'-Biphenyl	13.40	154	876280	45.80	nq	99
46) 2-Chloronaphthalene	13.45	162	698604	45.09	nq	95
47) 2-Nitroaniline	13.69	65	192922	48.43	nq #	79
48) Acenaphthylene	14.30	152	1053210	45.98	nq	99
49) Dimethylphthalate	14.04	163	879264	42.36	nq #	99
50) 2,6-Dinitrotoluene	14.17	165	187703	47.63	nq #	82
51) Acenaphthene	14.64	154	637047	44.73	nq	98
52) 3-Nitroaniline	14.53	138	146494	39.99	nq #	71
53) 2,4-Dinitrophenol	14.71	184	253132	95.35	nq #	89
54) Dibenzofuran	14.97	168	1088182	48.59	nq	97
55) 4-Nitrophenol	14.83	139	247785	84.05	nq #	19
56) 2,4-Dinitrotoluene	14.95	165	259943	46.62	nq #	89
57) Fluorene	15.62	166	897998	46.11	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.20	232	274114	55.26	nq #	100
59) Diethylphthalate	15.39	149	841308	42.87	nq	98
60) 4-Chlorophenyl-phenylether	15.61	204	503991	46.10	nq	99
61) 4-Nitroaniline	15.69	138	142912	38.43	nq #	15
62) Azobenzene	15.90	77	867621	60.13	nq	88
64) 4,6-Dinitro-2-methylphenol	15.70	198	168087	50.80	nq	81
65) n-Nitrosodiphenylamine	15.83	169	769814	47.43	nq	99
66) 4-Bromophenyl-phenylether	16.50	248	332216	47.92	nq	95
67) Hexachlorobenzene	16.60	284	367852	43.67	nq	93
68) Atrazine	16.78	200	290082	47.13	nq	95
69) Pentachlorophenol	16.96	266	457868	98.96	nq	97
70) Phenanthrene	17.36	178	1411509	46.58	nq	99
71) Anthracene	17.45	178	1450992	48.25	nq	99
72) Carbazole	17.74	167	1253011	47.06	nq	98
73) Di-n-butylphthalate	18.26	149	1323896	41.94	nq #	97
74) Fluoranthene	19.37	202	1795591	45.64	nq	97
76) Benzidine	19.57	184	741189	47.18	nq	98
77) Pyrene	19.73	202	1861984	40.78	nq	99
79) Butylbenzylphthalate	20.60	149	642650	38.02	nq #	84
80) Benzo(a)anthracene	21.46	228	2206135	47.00	nq	100
81) 3,3'-Dichlorobenzidine	21.41	252	749008	39.67	nq #	97
82) Chrysene	21.52	228	2007804	45.10	nq	99
83) Bis(2-ethylhexyl)phthalate	21.34	149	961880	38.05	nq #	98
84) Di-n-octyl phthalate	22.25	149	1871022	41.34	nq #	99
85) Indeno(1,2,3-cd)pyrene	26.24	276	3695950	56.61	nq #	100
87) Benzo(b)fluoranthene	23.11	252	2746393	46.63	nq #	93
88) Benzo(k)fluoranthene	23.16	252	2672387	46.32	nq #	95
89) Benzo(a)pyrene	23.73	252	2740650	48.84	nq #	96
90) Dibenzo(a,h)anthracene	26.26	278	3009192	47.95	nq #	90
91) Benzo(g,h,i)perylene	27.00	276	2995058	48.71	nq #	86

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



#1

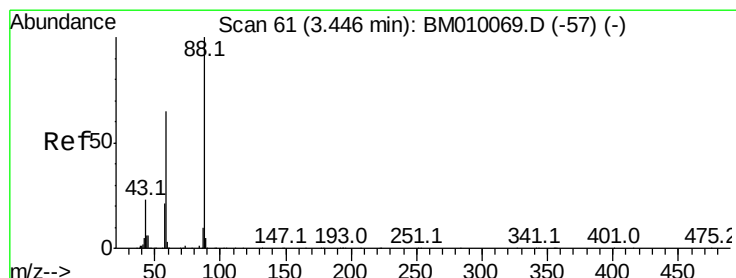
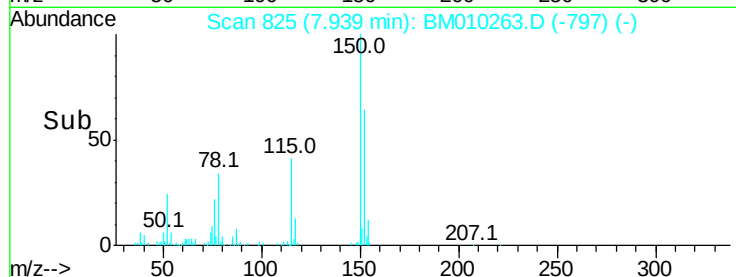
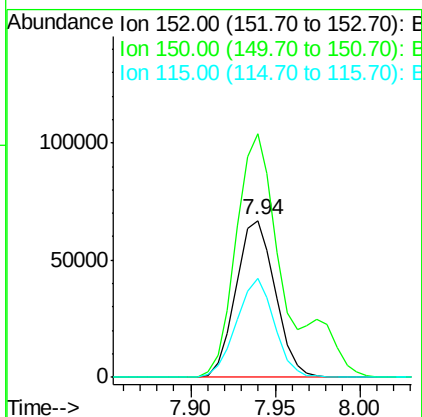
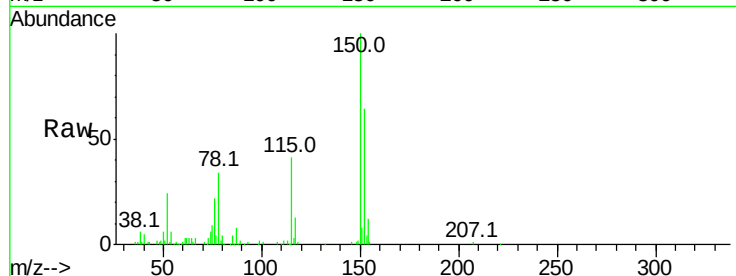
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.04 min
Lab File: BM010263.D
Acq: 26 May 2017 18:47

Instrument :
BNA_M
ClientSampled :
PB99311BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	119.5	179.3
115	63.2	43.0	64.4

Manual Integrations
APPROVED

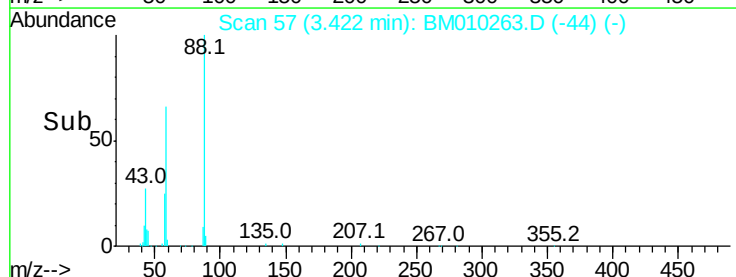
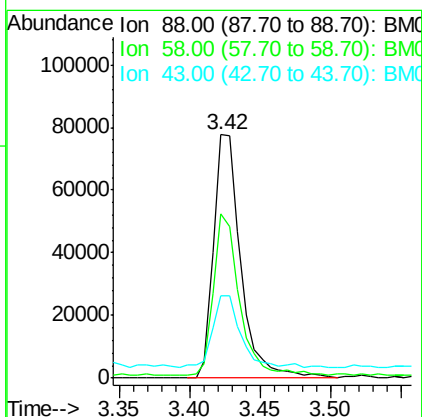
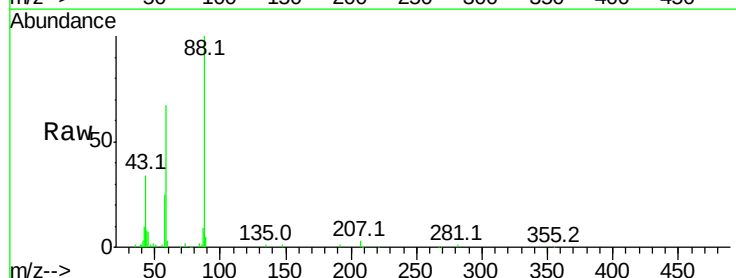
mohammad
5/30/2017 1:09:55 PM

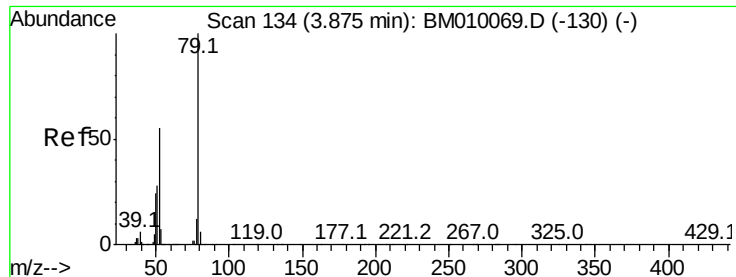


#2

1,4-Dioxane
Concen: 37.91 ng
RT: 3.42 min Scan# 57
Delta R.T. -0.02 min
Lab File: BM010263.D
Acq: 26 May 2017 18:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.3	0.0	0.0#
43	29.7	0.0	0.0#





#3

Pvridine

Concen: 35.93 ng

RT: 3.84 min Scan# 128

Delta R.T. -0.04 min

Lab File: BM010263.D

Acq: 26 May 2017 18:47

Instrument :

BNA_M

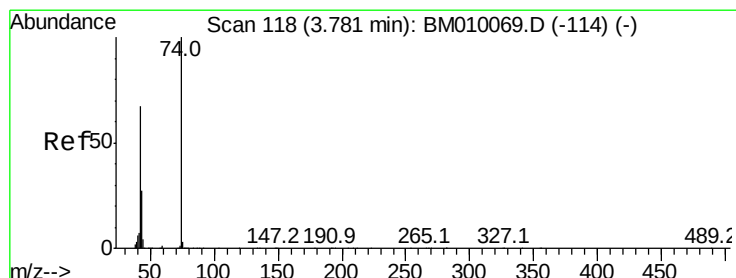
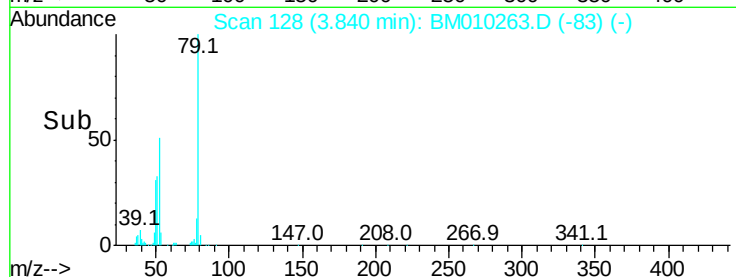
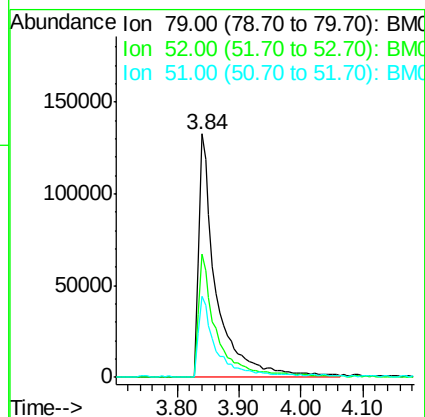
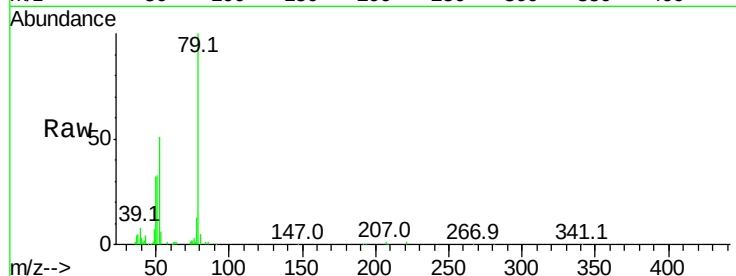
ClientSampleId :

PB99311BS

Tot Ion:	79	Resp:	265414
Ion Ratio	Lower	Upper	
79	100		
52	50.7	51.1	76.7#
51	33.3	26.1	39.1

Manual Integrations
APPROVED

mohammad
5/30/2017 1:09:55 PM



#4

n-Nitrosodimethylamine

Concen: 60.61 ng

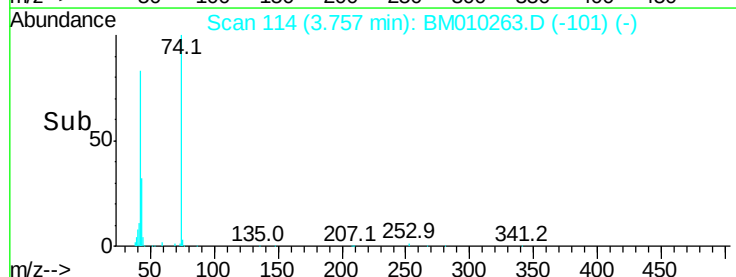
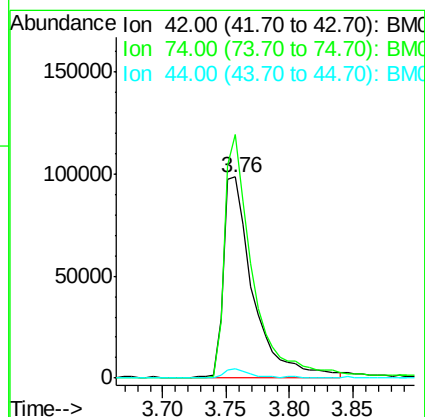
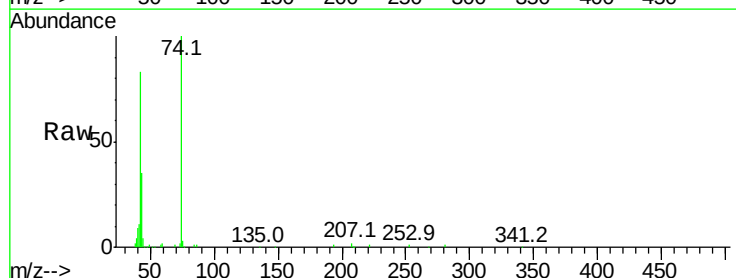
RT: 3.76 min Scan# 114

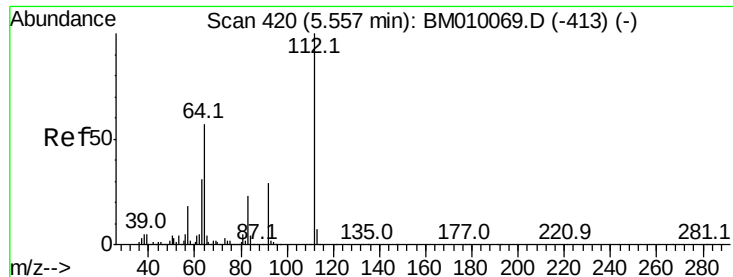
Delta R.T. -0.02 min

Lab File: BM010263.D

Acq: 26 May 2017 18:47

Tgt Ion:	42	Resp:	161940
Ion Ratio	Lower	Upper	
42	100		
74	121.1	119.3	178.9
44	4.8	5.4	8.2#





#5

2-Fluorophenol

Concen: 147.87 ng

RT: 5.52 min Scan# 414

Delta R.T. -0.04 min

Lab File: BM010263.D

Acq: 26 May 2017 18:47

Instrument :

BNA_M

ClientSampleId :

PB99311BS

Tot Ion: 112 Resp: 888037
Ion Ratio Lower Upper

112 100

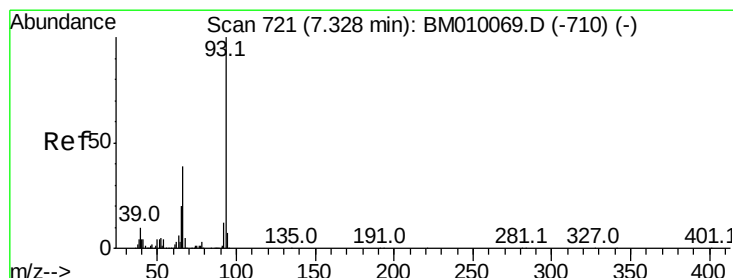
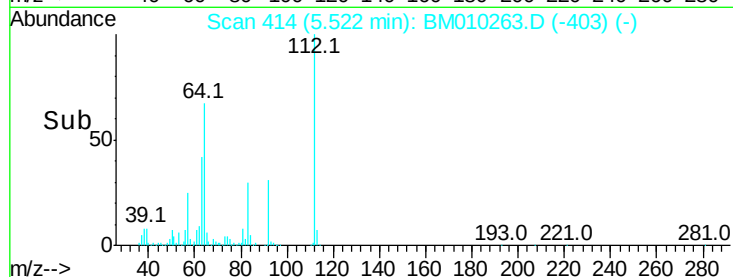
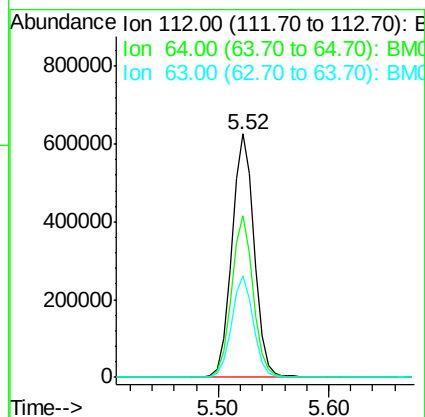
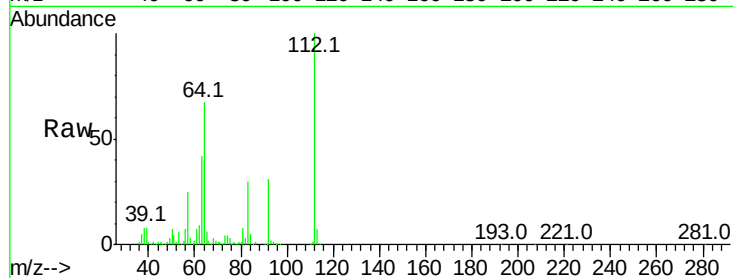
64 66.5 38.6 57.8#

63 41.7 19.3 28.9#

Manual Integrations
APPROVED

mohammad

5/30/2017 1:09:55 PM



#6

Aniline

Concen: 30.25 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.04 min

Lab File: BM010263.D

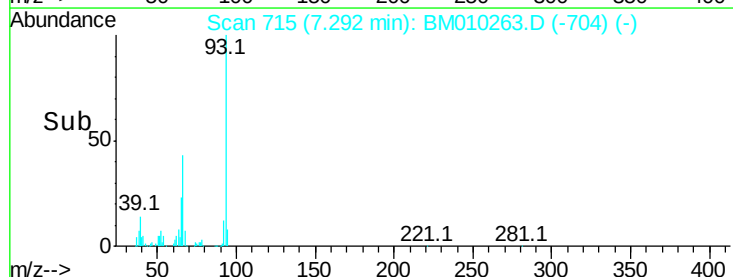
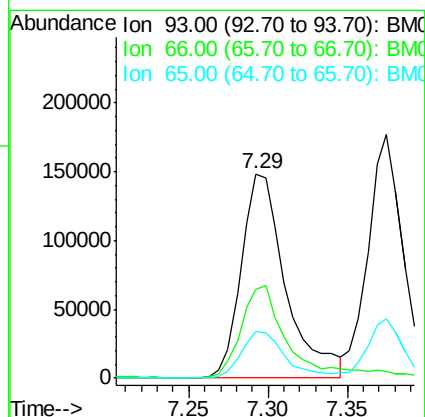
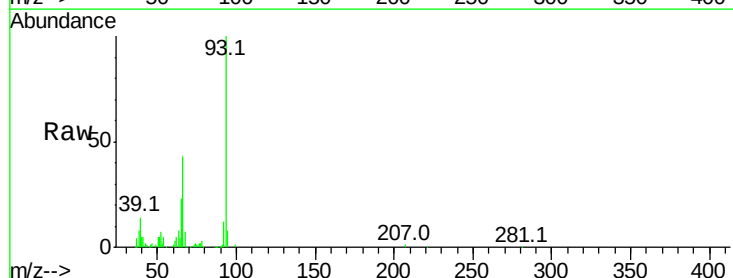
Acq: 26 May 2017 18:47

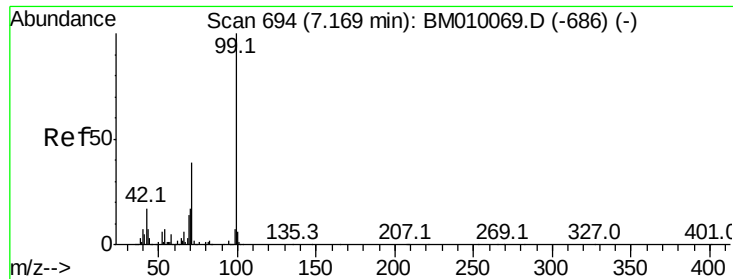
Tgt Ion: 93 Resp: 289619
Ion Ratio Lower Upper

93 100

66 43.4 30.8 46.2

65 22.7 16.0 24.0





#7

Phenol-d6

Concen: 136.85 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.04 min

Lab File: BM010263.D

Acq: 26 May 2017 18:47

Instrument :

BNA_M

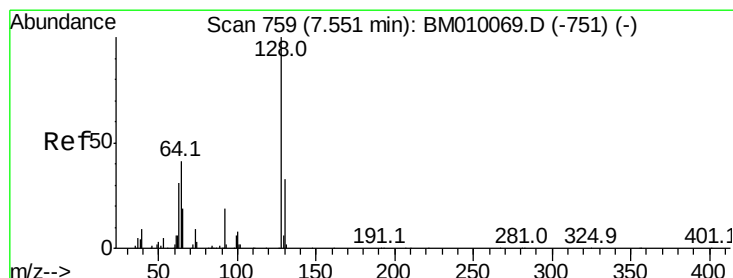
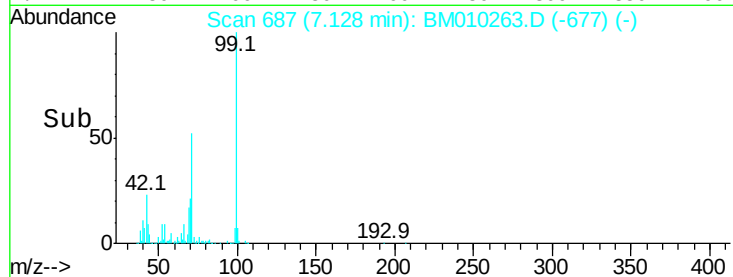
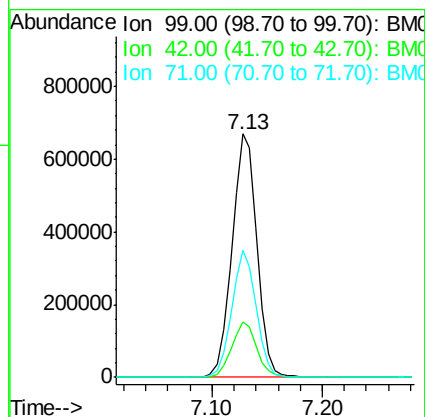
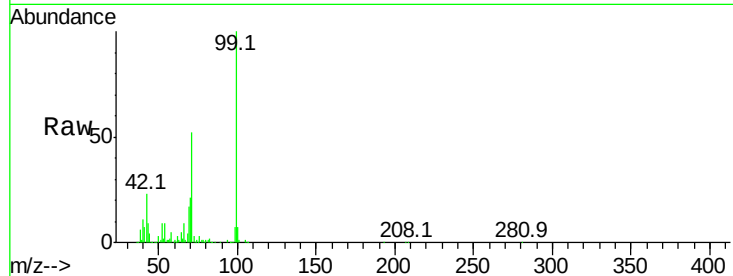
ClientSampleId :

PB99311BS

Tot Ion:	99	Resp:	1057511
Ion	Ratio	Lower	Upper
99	100		
42	22.8	11.0	16.4#
71	52.1	23.4	35.2#

Manual Integrations
APPROVED

mohammad
5/30/2017 1:09:55 PM



#8

2-Chlorophenol

Concen: 43.02 ng

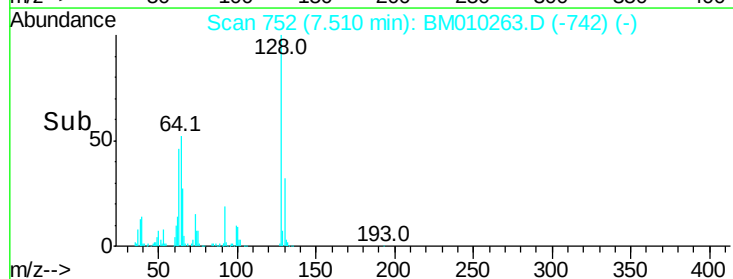
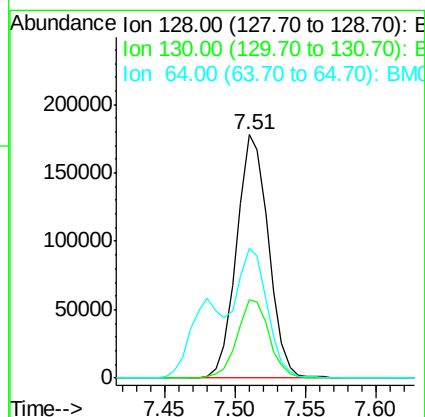
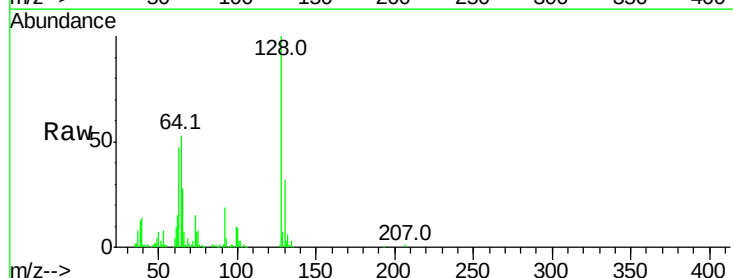
RT: 7.51 min Scan# 752

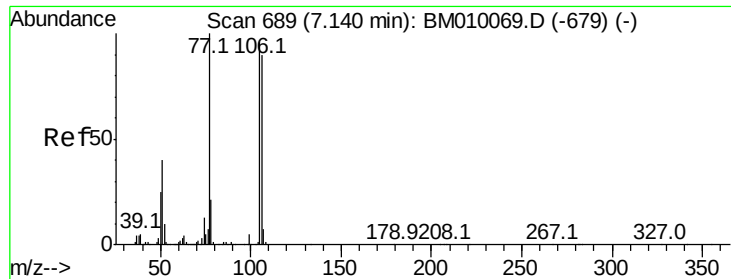
Delta R.T. -0.04 min

Lab File: BM010263.D

Acq: 26 May 2017 18:47

Tgt Ion:	128	Resp:	281099
Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.0	52.0
64	53.0	24.9	64.9





#9

Benzaldehyde

Concen: 12.94 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.04 min

Lab File: BM010263.D

Acq: 26 May 2017 18:47

Instrument :

BNA_M

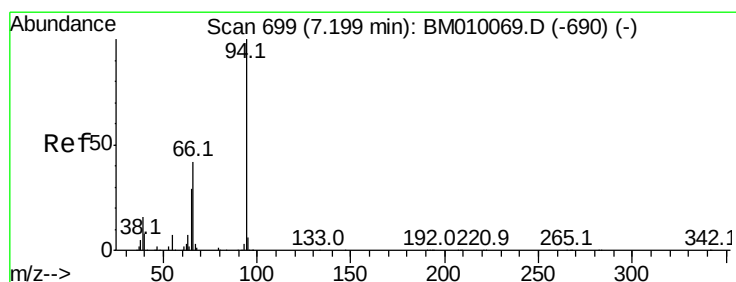
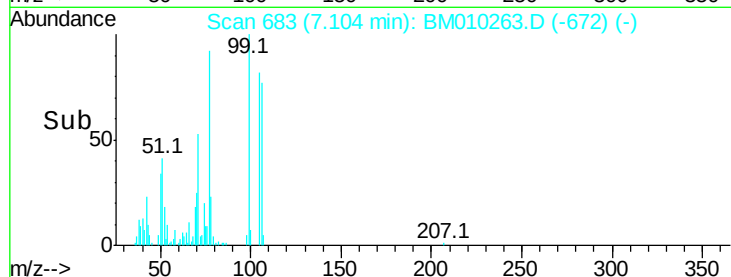
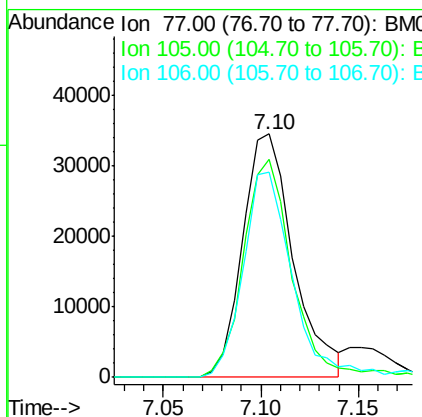
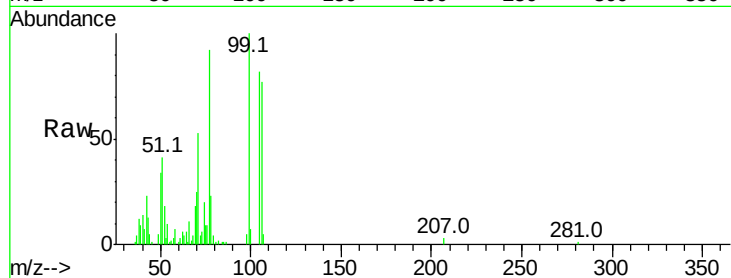
ClientSampleId :

PB99311BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	89.8	78.8	118.8	
106	84.5	73.7	113.7	

Manual Integrations
APPROVED

mohammad
5/30/2017 1:09:55 PM



#10

Phenol

Concen: 42.84 ng

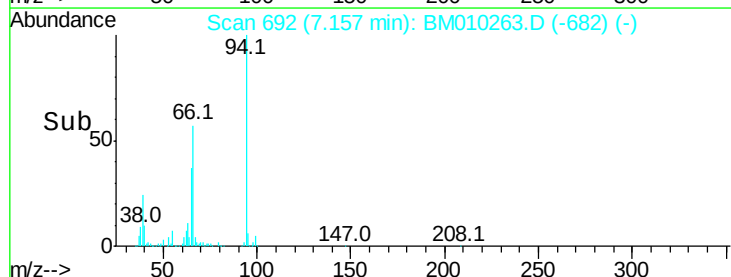
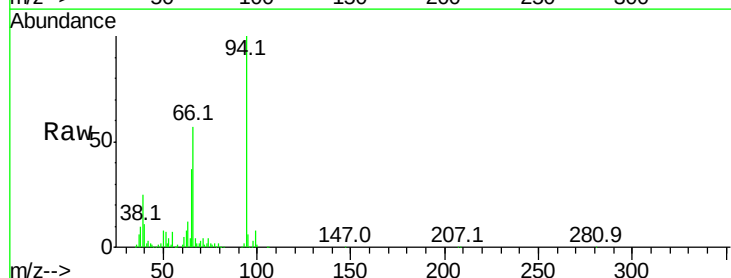
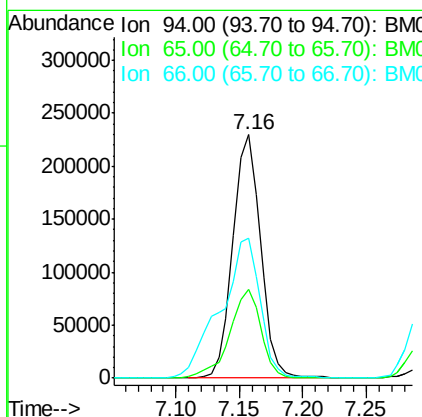
RT: 7.16 min Scan# 692

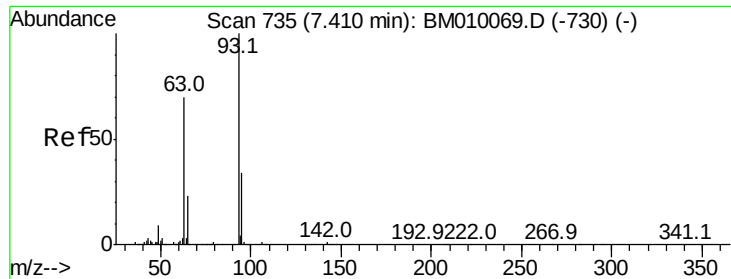
Delta R.T. -0.04 min

Lab File: BM010263.D

Acq: 26 May 2017 18:47

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	36.7	18.8	58.8	
66	57.3	39.9	79.9	





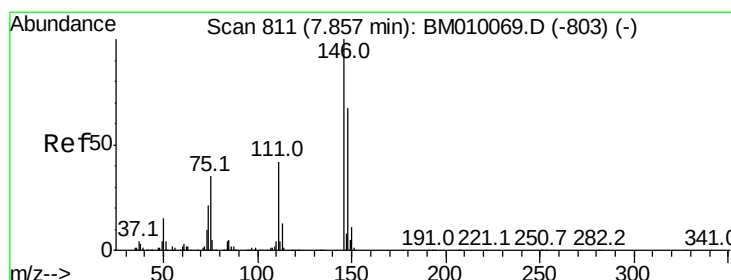
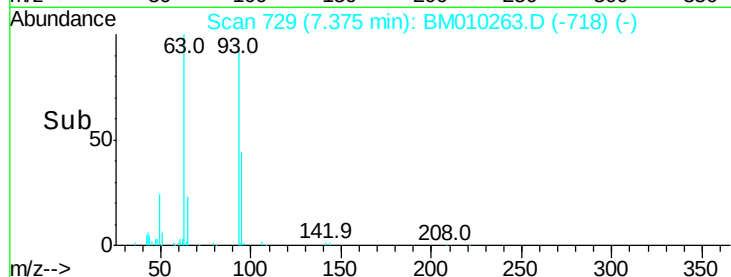
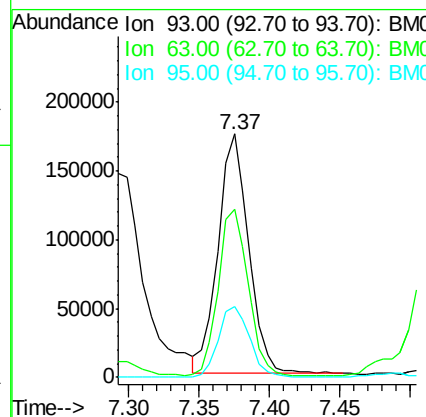
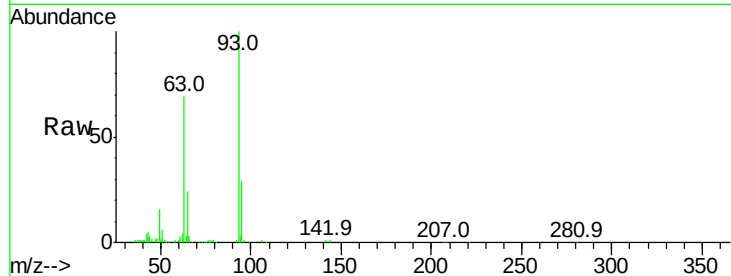
#11
bis(2-Chloroethyl)ether
Concen: 43.13 ng
RT: 7.37 min Scan# 729
Delta R.T. -0.04 min
Lab File: BM010263.D
Acq: 26 May 2017 18:47

Instrument :
BNA_M
ClientSampleId :
PB99311BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	261820		
63	69.3		49.5	89.5
95	29.0		13.5	53.5

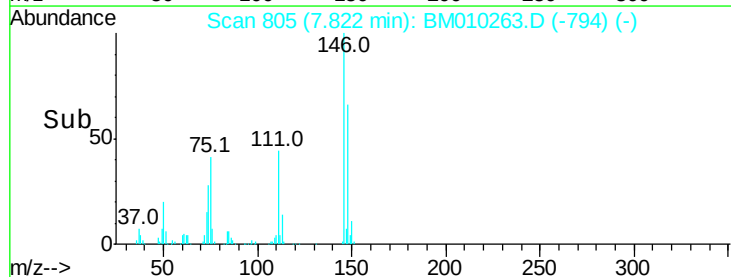
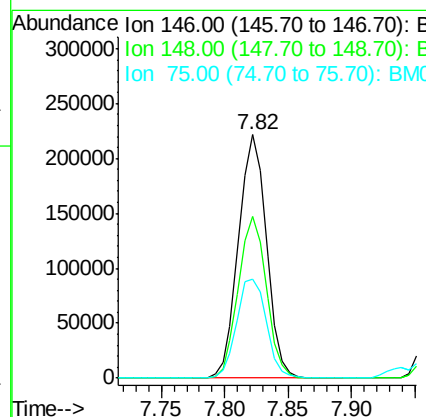
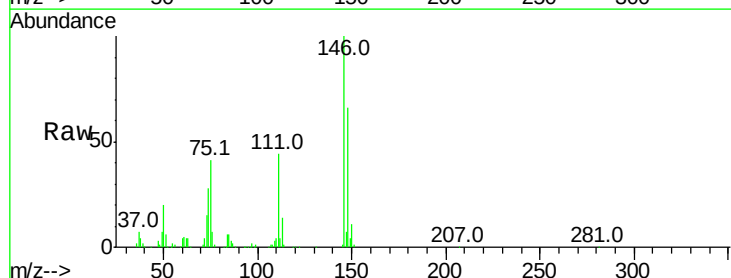
Manual Integrations
APPROVED

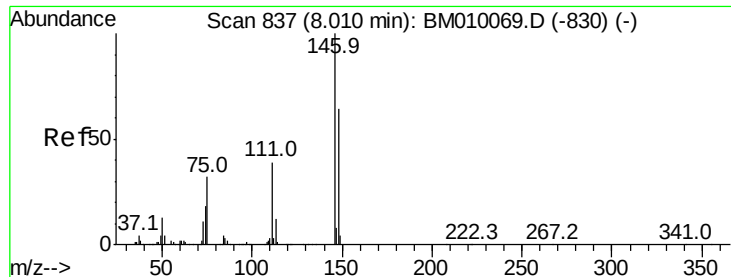
mohammad
5/30/2017 1:09:55 PM



#12
1,3-Dichlorobenzene
Concen: 40.78 ng
RT: 7.82 min Scan# 805
Delta R.T. -0.04 min
Lab File: BM010263.D
Acq: 26 May 2017 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	338602		
148	66.3		50.9	76.3
75	40.5		21.4	32.2#





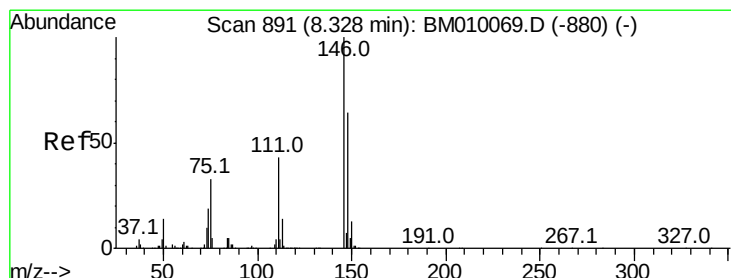
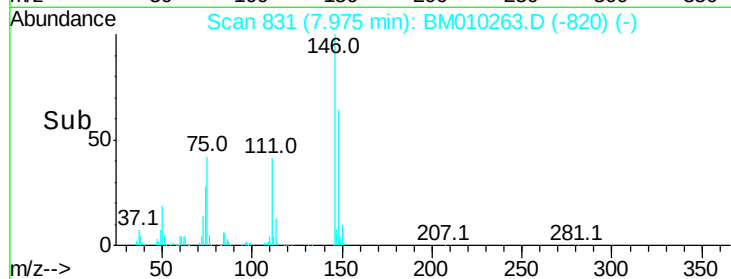
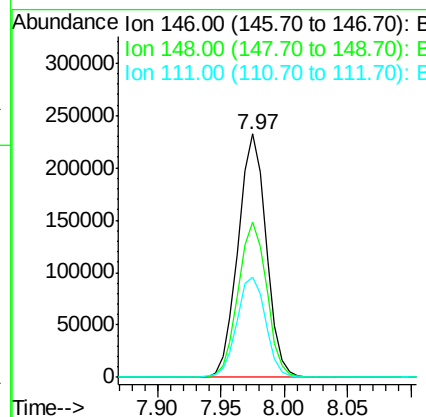
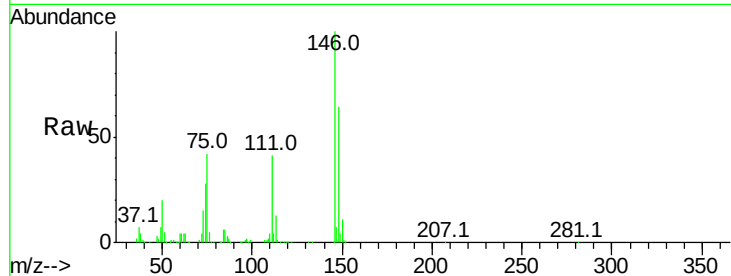
#13
 1,4-Dichlorobenzene
 Concen: 41.80 ng
 RT: 7.97 min Scan# 831
 Delta R.T. -0.04 min
 Lab File: BM010263.D
 Acq: 26 May 2017 18:47

Instrument :
 BNA_M
 ClientSampleId :
 PB99311BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.9	77.9
111	41.0	29.2	43.8

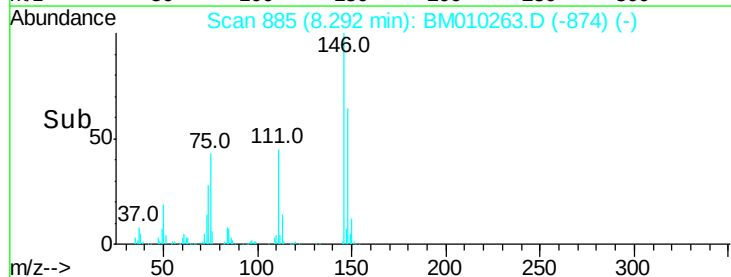
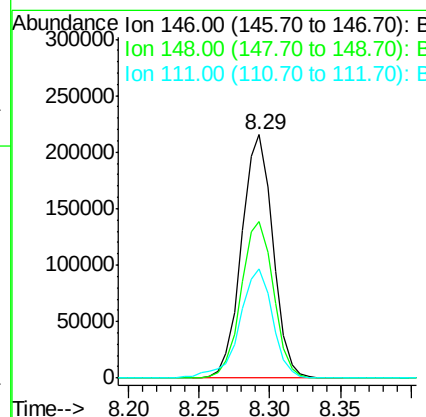
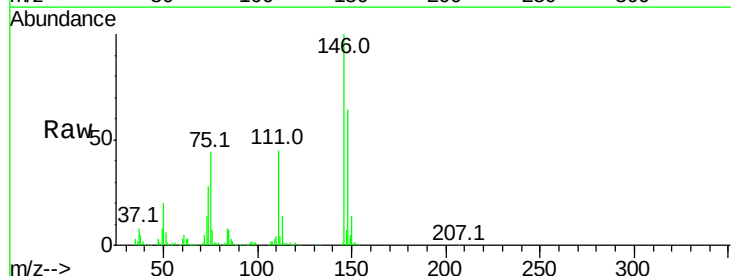
Manual Integrations
 APPROVED

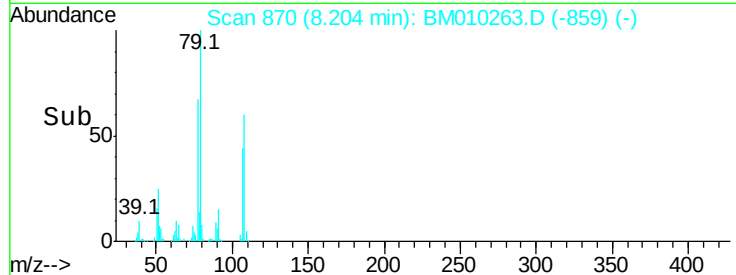
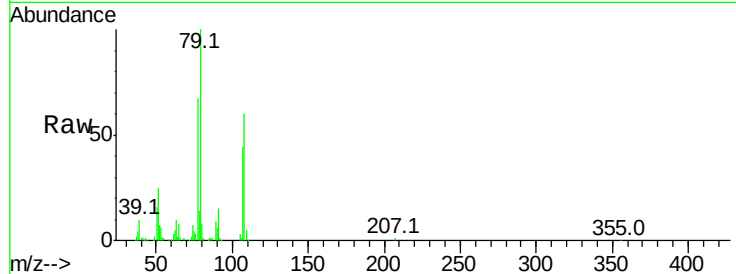
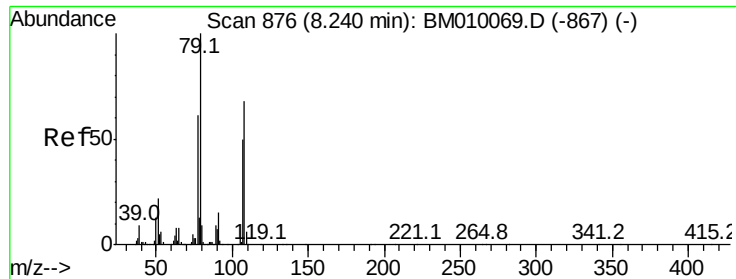
mohammad
 5/30/2017 1:09:55 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.91 ng
 RT: 8.29 min Scan# 885
 Delta R.T. -0.04 min
 Lab File: BM010263.D
 Acq: 26 May 2017 18:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.3	78.5
111	45.1	30.6	45.8





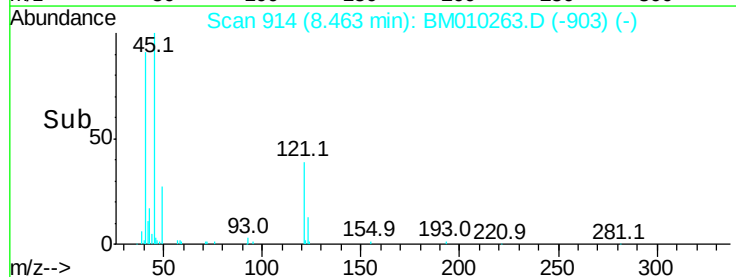
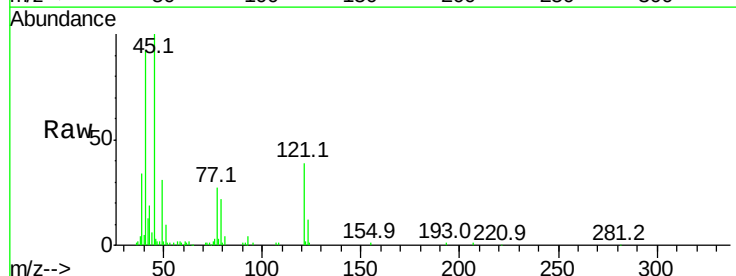
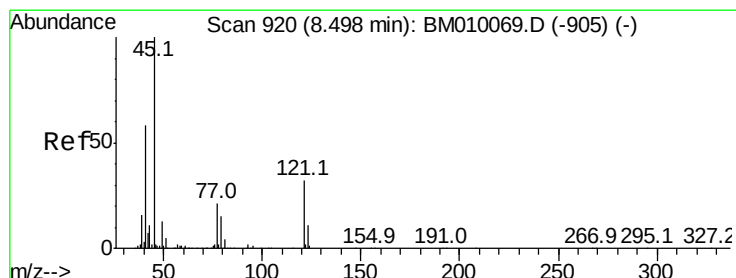
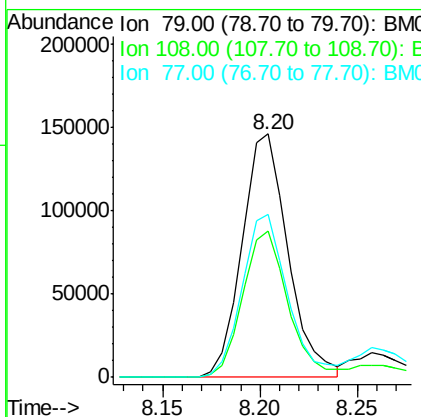
#15
Benzyl Alcohol
Concen: 40.70 ng
RT: 8.20 min Scan# 870
Delta R.T. -0.04 min
Lab File: BM010263.D
Acq: 26 May 2017 18:47

Tot Ion:	79	Resp:	237956
Ion Ratio	Lower	Upper	
79	100		
108	59.9	65.0	97.4#
77	66.8	53.0	79.6

Instrument :
BNA_M
ClientSampleId :
PB99311BS

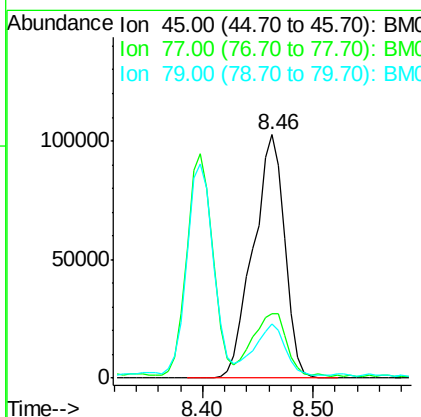
Manual Integrations
APPROVED

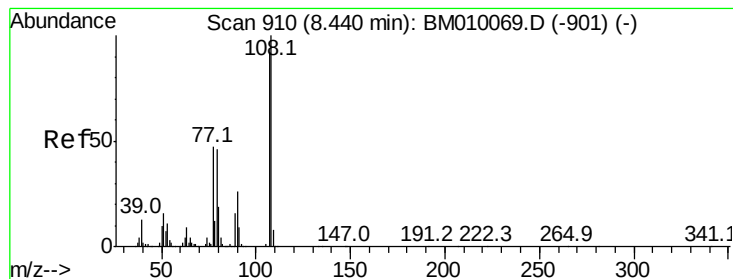
mohammad
5/30/2017 1:09:55 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.51 ng
RT: 8.46 min Scan# 914
Delta R.T. -0.04 min
Lab File: BM010263.D
Acq: 26 May 2017 18:47

Tgt Ion:	45	Resp:	205987
Ion Ratio	Lower	Upper	
45	100		
77	26.6	0.0	35.2
79	22.1	0.0	32.0





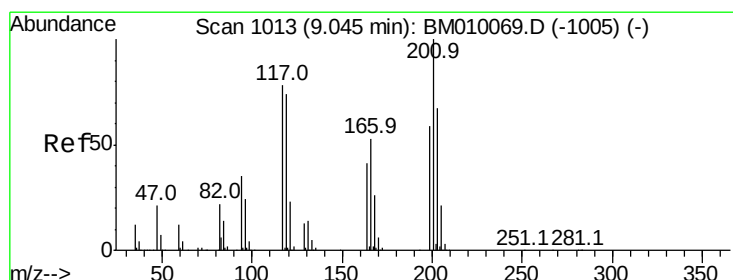
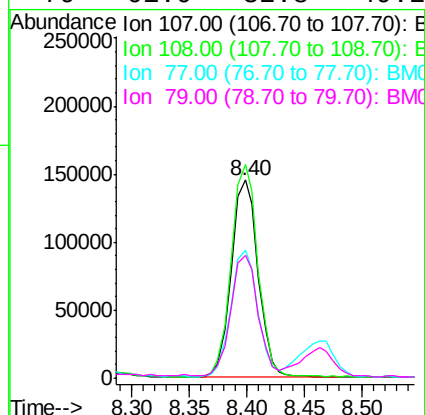
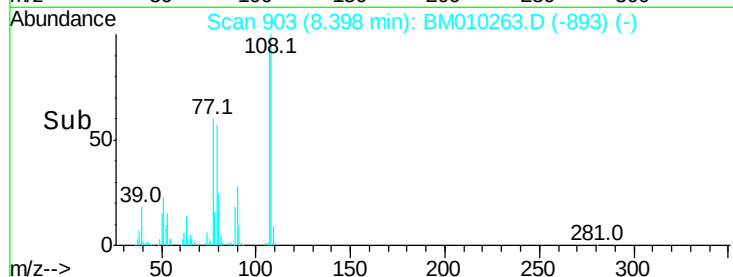
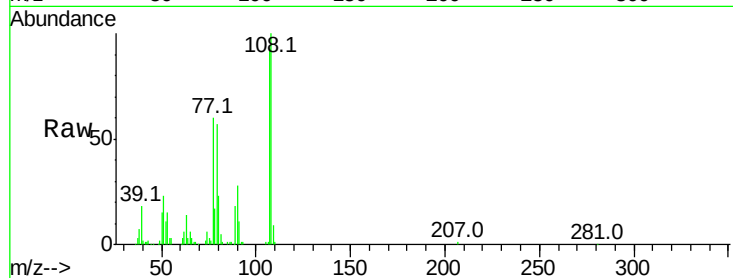
#17
2-Methylphenol
Concen: 40.26 ng
RT: 8.40 min Scan# 903
Delta R.T. -0.04 min
Lab File: BM010263.D
Acq: 26 May 2017 18:47

Instrument :
BNA_M
ClientSampleID :
PB99311BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.9	89.8	134.8	
77	65.0	32.6	48.8#	
79	61.9	32.8	49.2#	

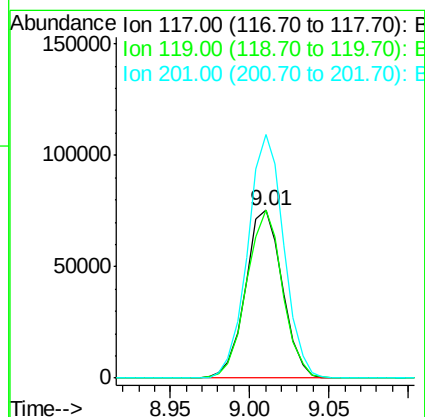
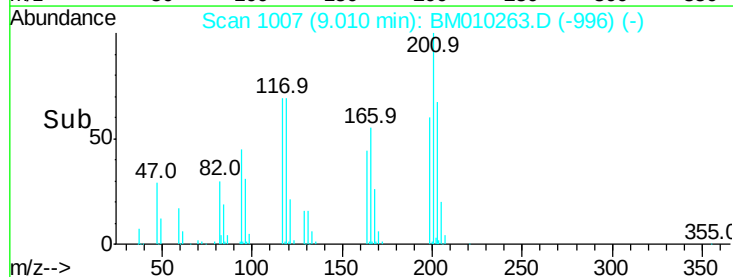
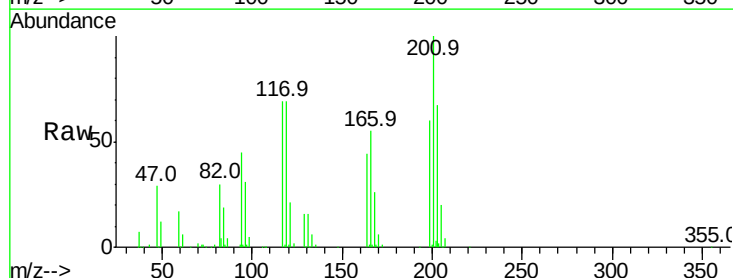
Manual Integrations
APPROVED

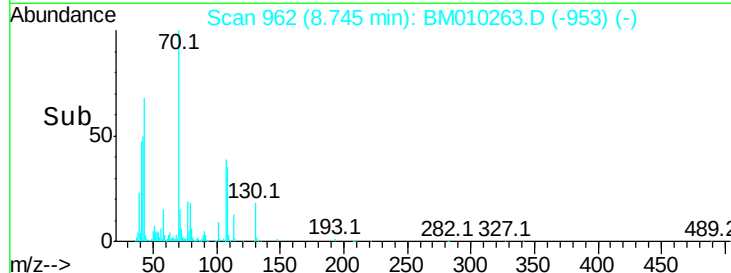
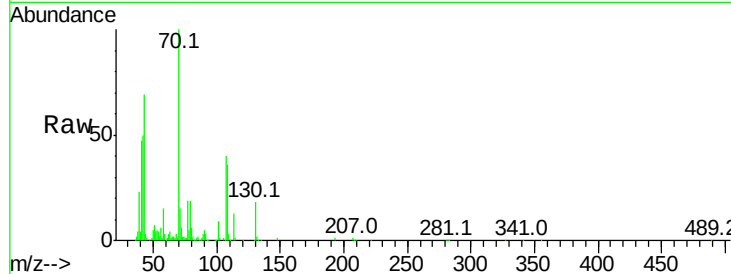
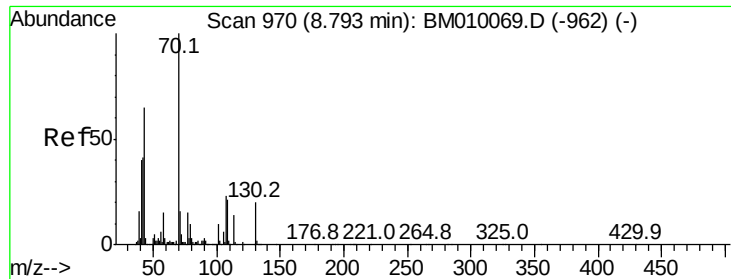
mohammad
5/30/2017 1:09:55 PM



#18
Hexachloroethane
Concen: 44.00 ng
RT: 9.01 min Scan# 1007
Delta R.T. -0.04 min
Lab File: BM010263.D
Acq: 26 May 2017 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	100.0	79.2	118.8	
201	145.0	69.8	104.6#	





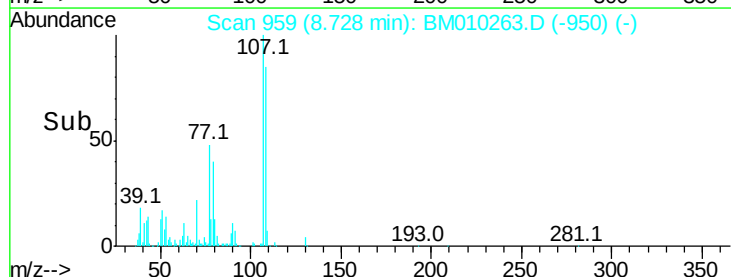
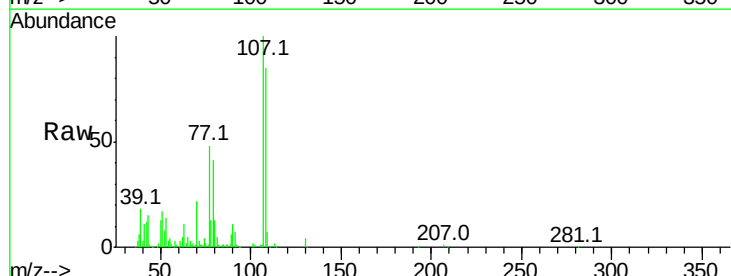
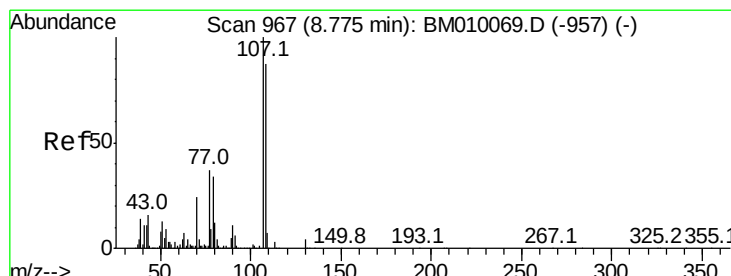
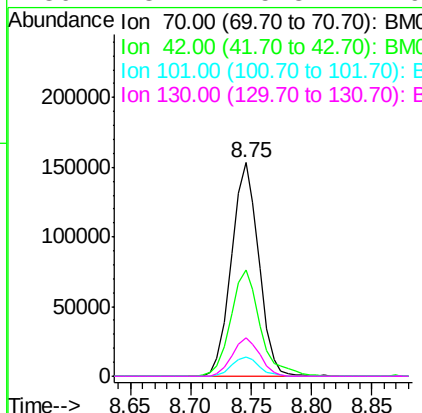
#19
n-Nitroso-di-n-propylamine
Concen: 44.29 ng
RT: 8.75 min Scan# 962
Delta R.T. -0.05 min
Lab File: BM010263.D
Acq: 26 May 2017 18:47

Tot Ion	Ratio	Lower	Upper
70	100		
42	49.6	44.5	66.7
101	8.9	7.4	11.2
130	18.1	15.3	22.9

Instrument :
BNA_M
ClientSampleId :
PB99311BS

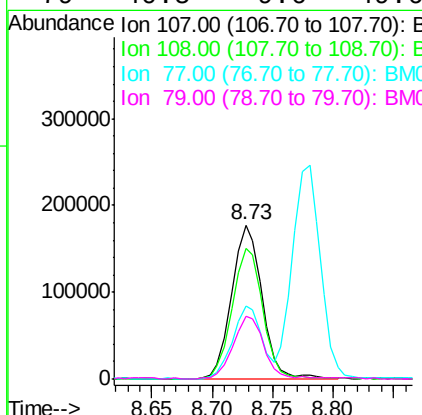
Manual Integrations
APPROVED

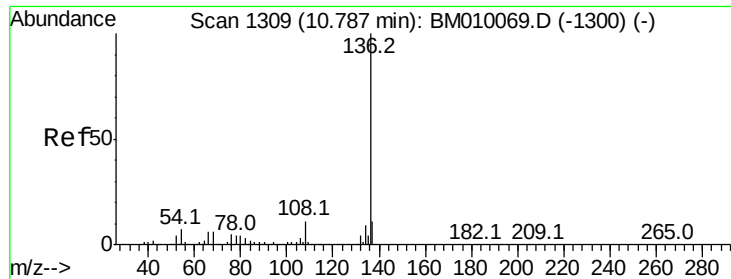
mohammad
5/30/2017 1:09:55 PM



#20
3+4-Methylphenols
Concen: 40.06 ng
RT: 8.73 min Scan# 959
Delta R.T. -0.05 min
Lab File: BM010263.D
Acq: 26 May 2017 18:47

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.6	73.2	113.2
77	47.8	10.7	50.7
79	40.5	9.6	49.6





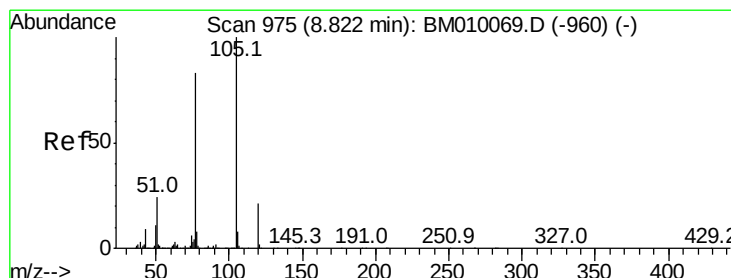
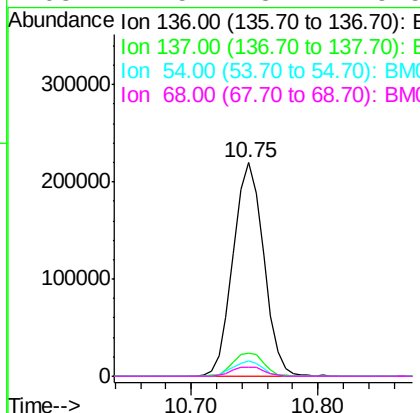
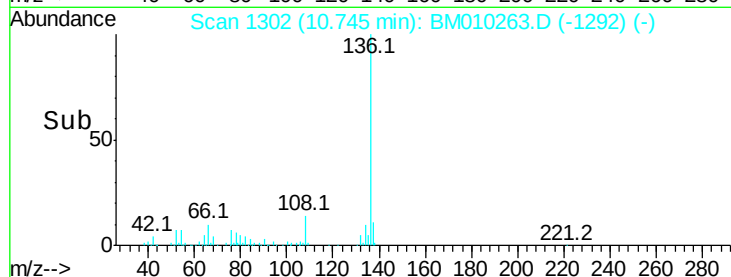
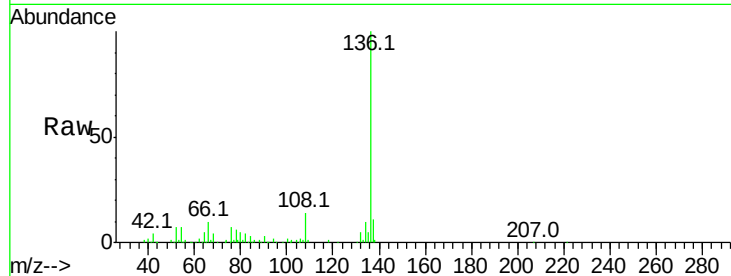
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.75 min Scan# 1302
Delta R.T. -0.04 min
Lab File: BM010263.D
Acq: 26 May 2017 18:47

Instrument :
BNA_M
ClientSampleId :
PB99311BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	367098		
137	10.9		8.7	13.1
54	7.1		4.6	6.8#
68	4.5		3.7	5.5

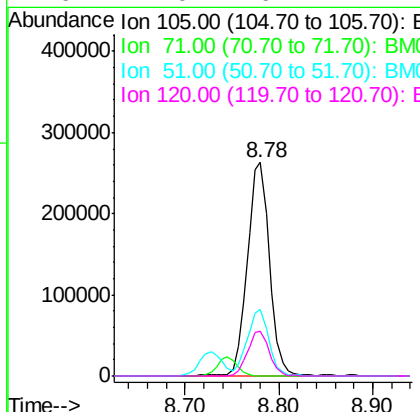
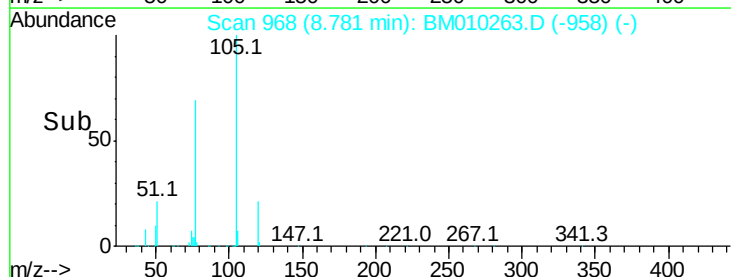
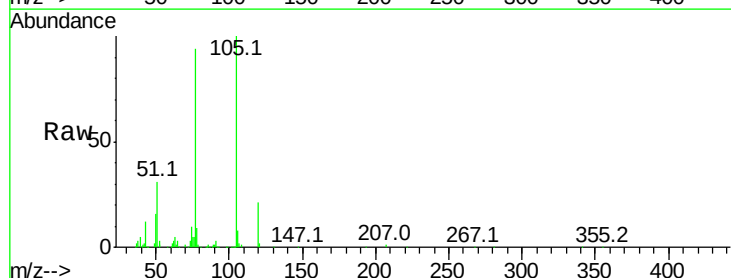
Manual Integrations
APPROVED

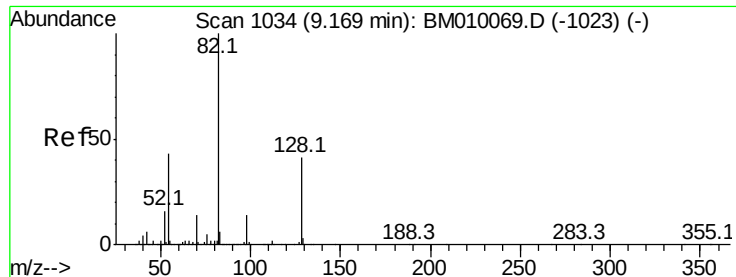
mohammad
5/30/2017 1:09:55 PM



#22
Acetophenone
Concen: 45.83 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.04 min
Lab File: BM010263.D
Acq: 26 May 2017 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	431300		
71	0.0		0.6	1.0#
51	31.1		21.6	32.4
120	21.0		16.1	24.1





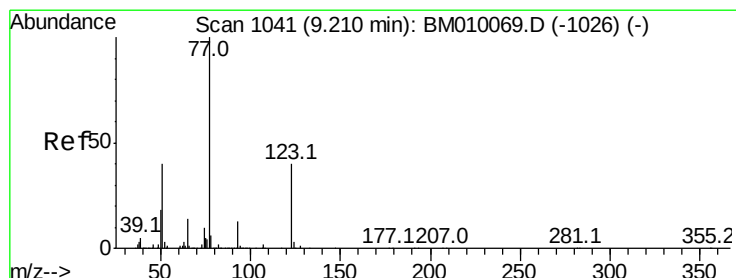
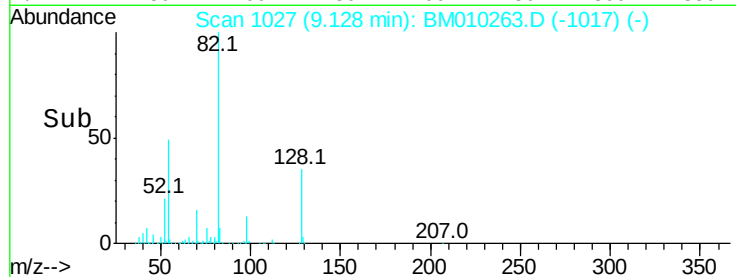
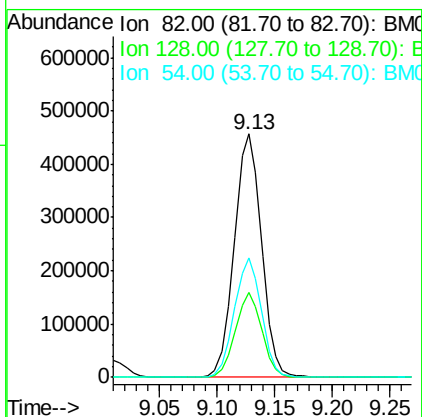
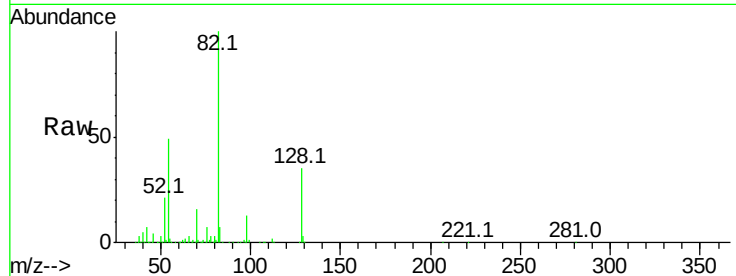
#23
 Nitrobenzene-d5
 Concen: 109.94 ng
 RT: 9.13 min Scan# 1027
 Delta R.T. -0.04 min
 Lab File: BM010263.D
 Acq: 26 May 2017 18:47

Instrument :
 BNA_M
 ClientSampleId :
 PB99311BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	35.0	32.8	49.2	
54	49.2	40.6	60.8	

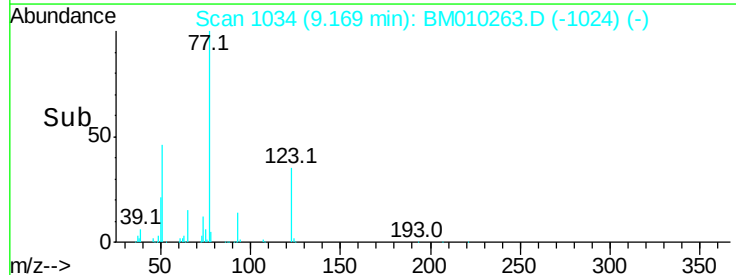
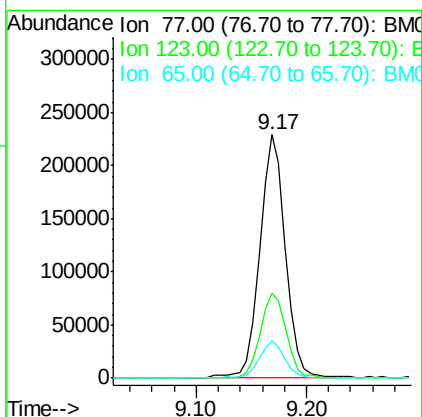
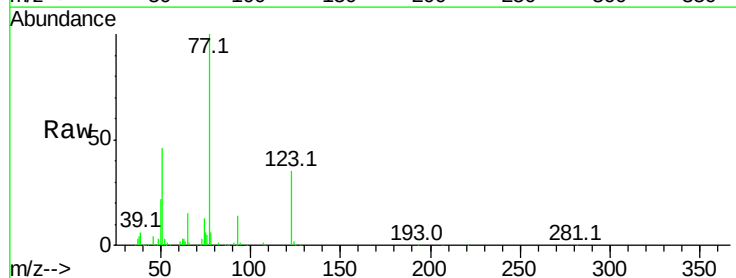
Manual Integrations
 APPROVED

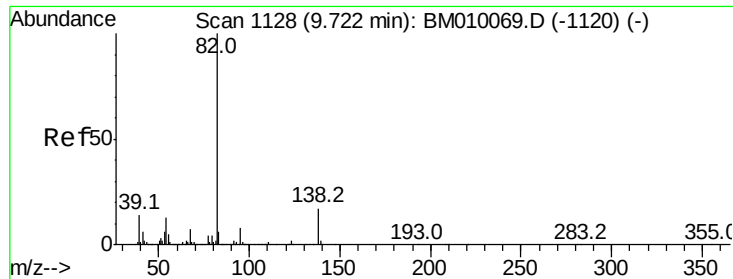
mohammad
 5/30/2017 1:09:55 PM



#24
 Nitrobenzene
 Concen: 52.65 ng
 RT: 9.17 min Scan# 1034
 Delta R.T. -0.04 min
 Lab File: BM010263.D
 Acq: 26 May 2017 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	34.8	32.6	49.0	
65	15.3	10.9	16.3	





#25

Isophorone

Concen: 48.67 ng

RT: 9.67 min Scan# 1120

Delta R.T. -0.05 min

Lab File: BM010263.D

Acq: 26 May 2017 18:47

Instrument :

BNA_M

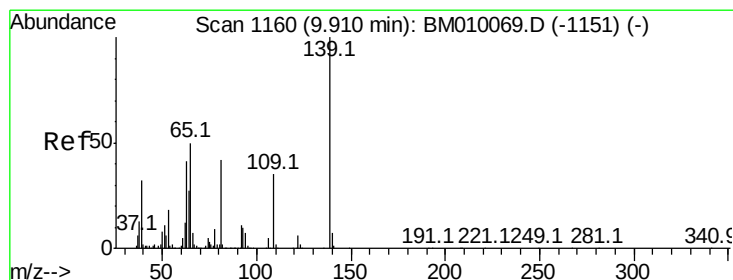
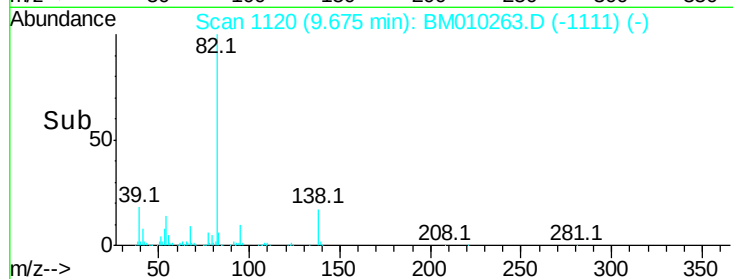
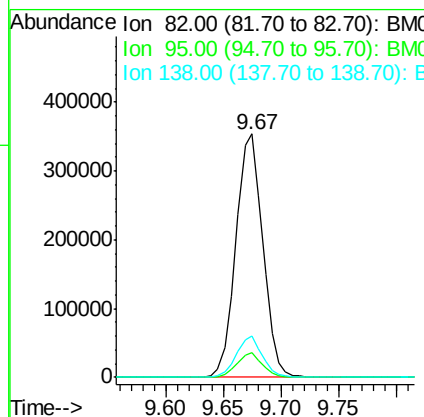
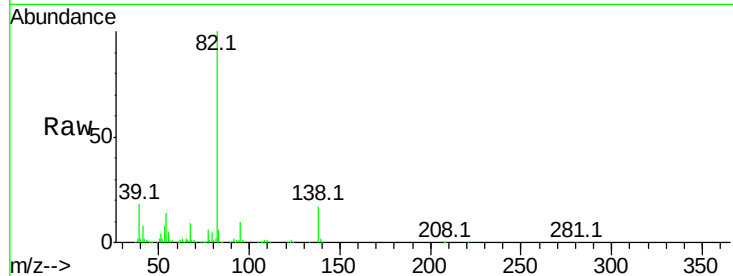
ClientSampleId :

PB99311BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	9.9	5.8	8.6#	
138	17.0	16.3	24.5	

Manual Integrations
APPROVED

mohammad
5/30/2017 1:09:55 PM



#26

2-Nitrophenol

Concen: 47.86 ng

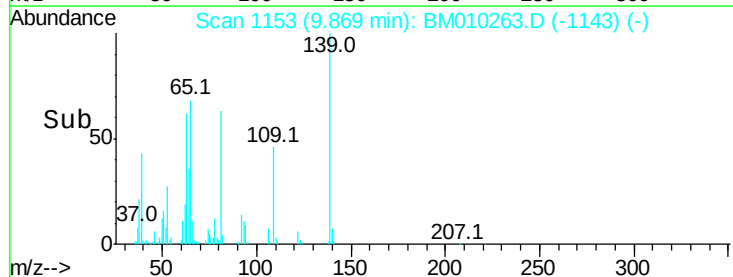
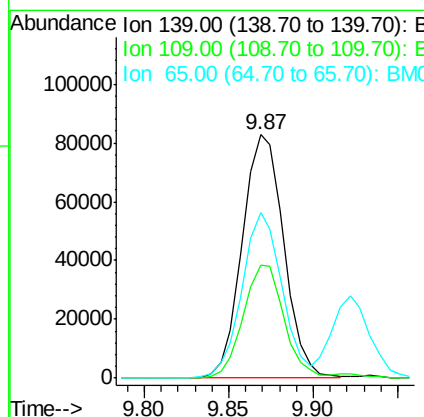
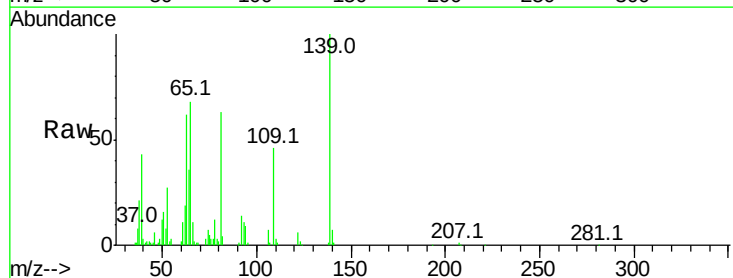
RT: 9.87 min Scan# 1153

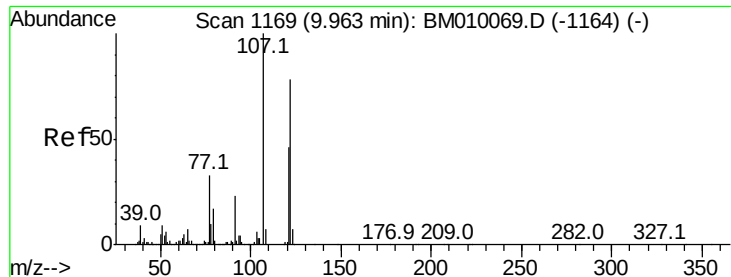
Delta R.T. -0.04 min

Lab File: BM010263.D

Acq: 26 May 2017 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	46.5	20.1	30.1#	
65	67.9	31.5	47.3#	





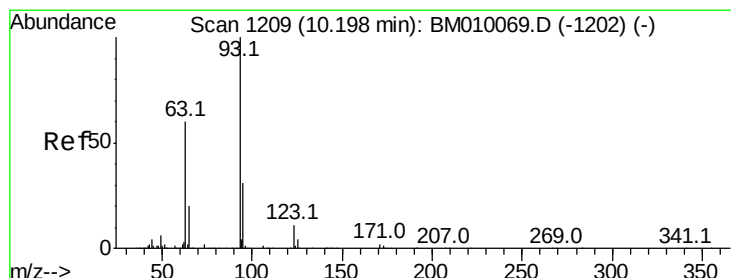
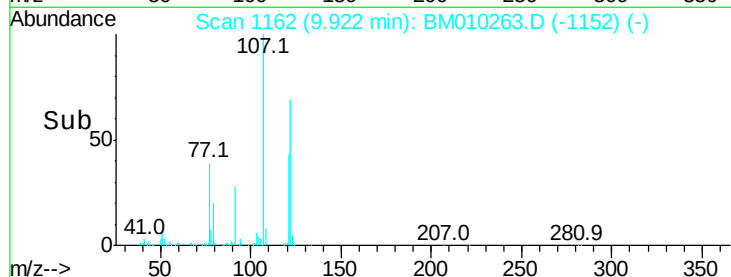
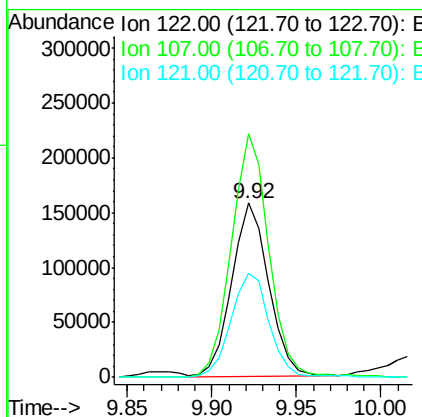
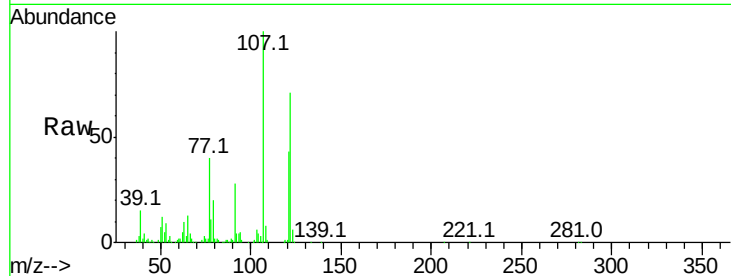
#27
2,4-Dimethylphenol
Concen: 44.63 ng
RT: 9.92 min Scan# 1162
Delta R.T. -0.04 min
Lab File: BM010263.D
Acq: 26 May 2017 18:47

Instrument :
BNA_M
ClientSampleId :
PB99311BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	238106		
107	140.0	84.7	127.1#	
121	59.8	46.6	69.8	

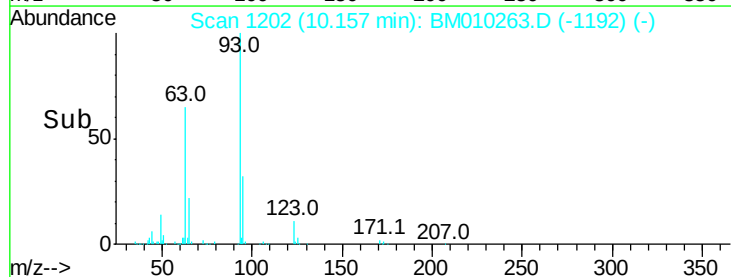
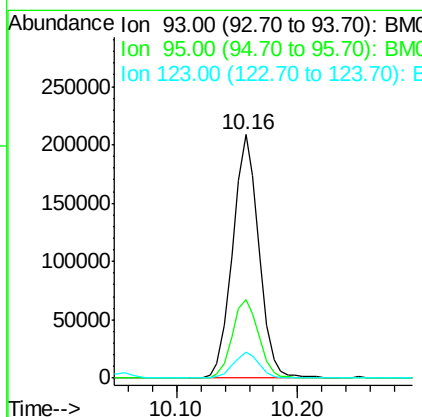
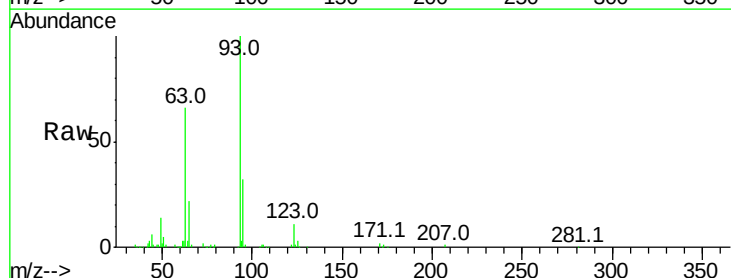
Manual Integrations
APPROVED

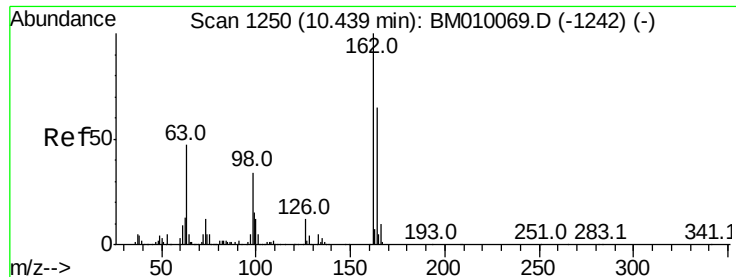
mohammad
5/30/2017 1:09:55 PM



#28
bis(2-Chloroethoxy)methane
Concen: 42.39 ng
RT: 10.16 min Scan# 1202
Delta R.T. -0.04 min
Lab File: BM010263.D
Acq: 26 May 2017 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	316265		
95	32.0	25.5	38.3	
123	10.9	8.6	13.0	





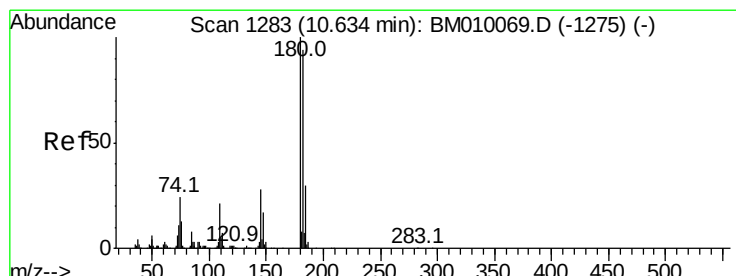
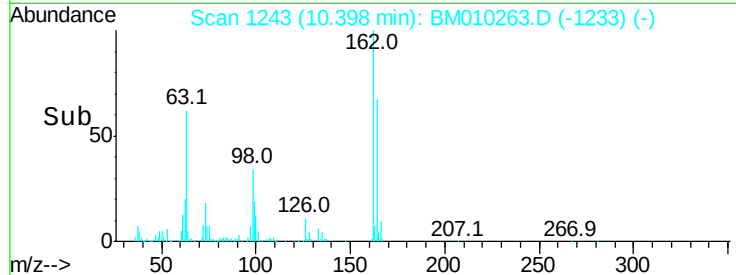
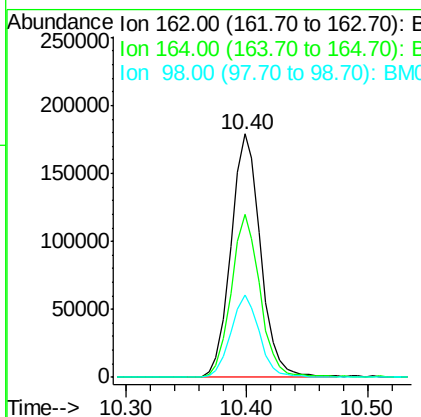
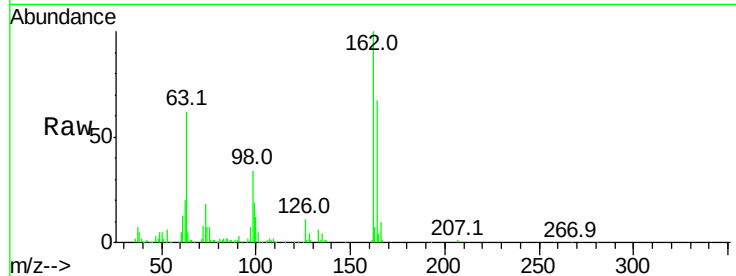
#29
 2,4-Dichlorophenol
 Concen: 50.00 ng
 RT: 10.40 min Scan# 1243
 Delta R.T. -0.04 min
 Lab File: BM010263.D
 Acq: 26 May 2017 18:47

Instrument :
 BNA_M
 ClientSampleId :
 PB99311BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	307122		
164	66.7	42.8	82.8	
98	33.6	14.5	54.5	

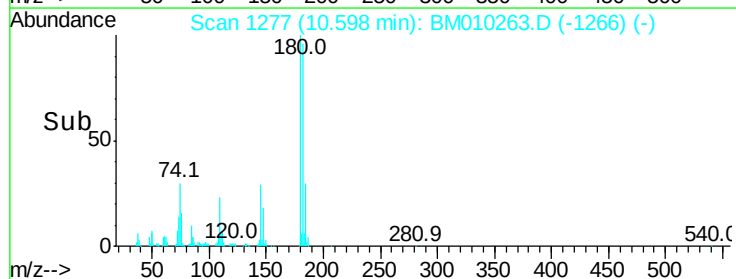
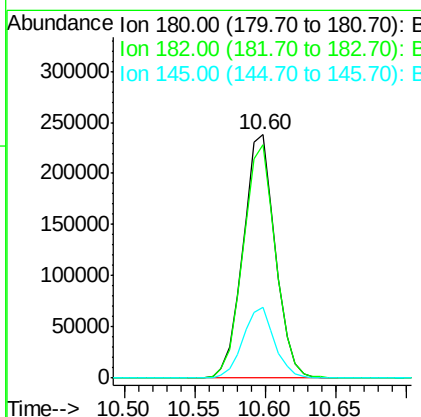
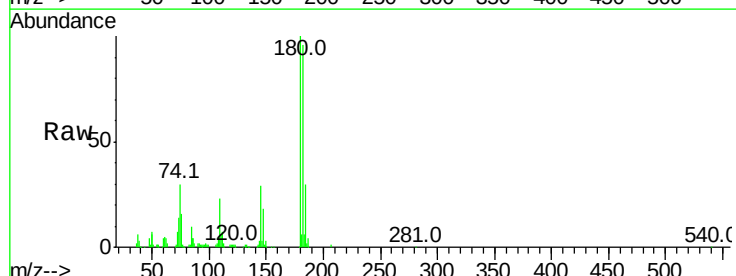
Manual Integrations
 APPROVED

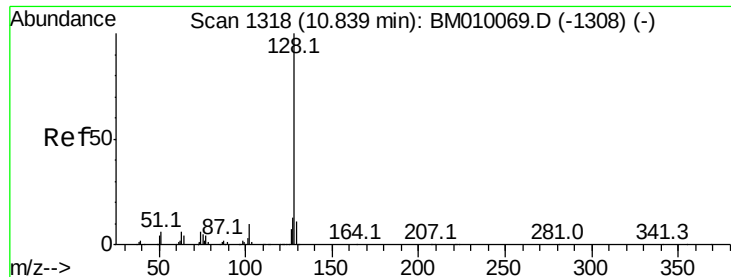
mohammad
 5/30/2017 1:09:55 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 47.75 ng
 RT: 10.60 min Scan# 1277
 Delta R.T. -0.04 min
 Lab File: BM010263.D
 Acq: 26 May 2017 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	379467		
182	95.9	77.6	116.4	
145	29.1	23.4	35.2	





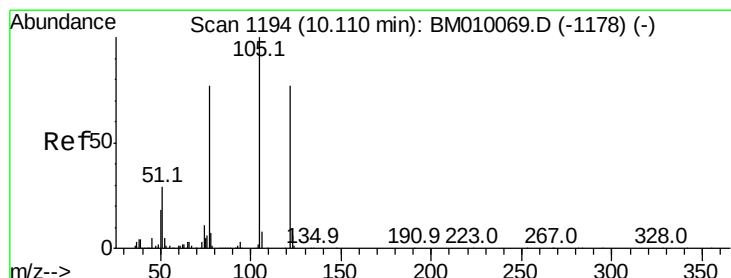
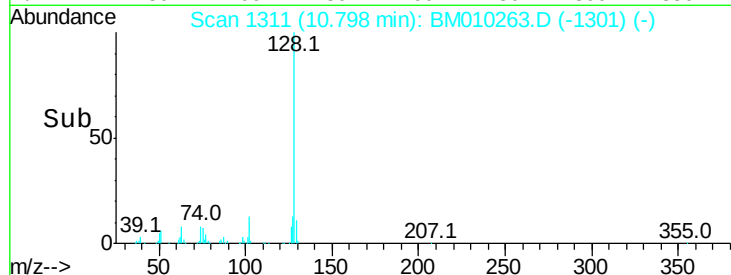
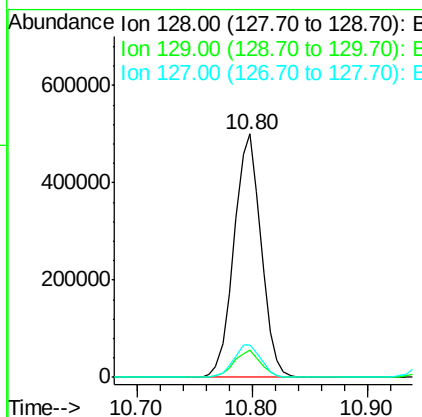
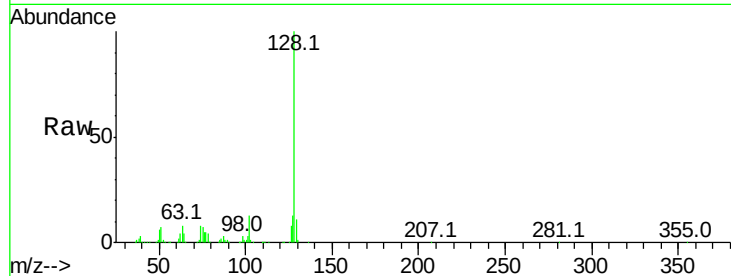
#31
Naphthalene
Concen: 41.34 ng
RT: 10.80 min Scan# 1311
Delta R.T. -0.04 min
Lab File: BM010263.D
Acq: 26 May 2017 18:47

Instrument :
BNA_M
ClientSampleId :
PB99311BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.0	8.9	13.3	
127	13.4	10.4	15.6	

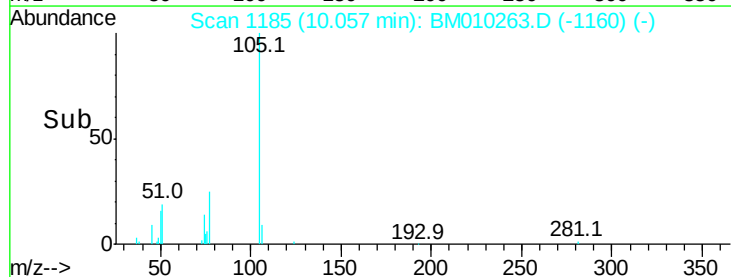
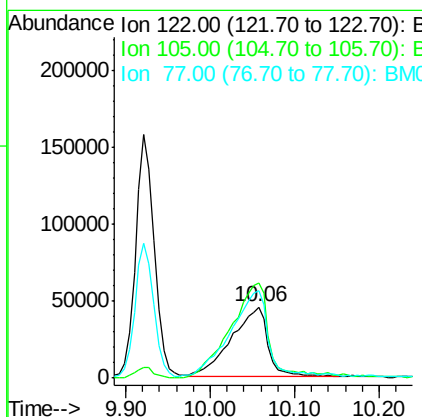
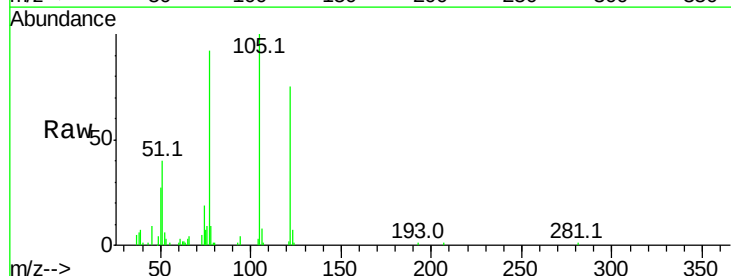
Manual Integrations
APPROVED

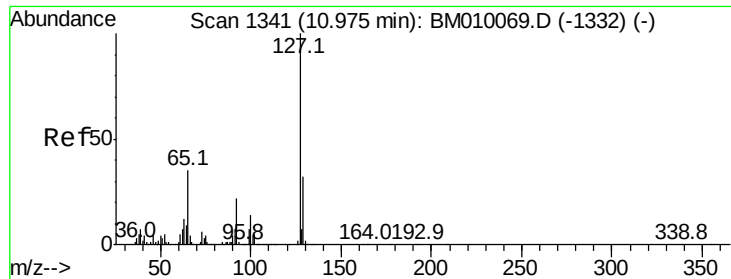
mohammad
5/30/2017 1:09:55 PM



#32
Benzoic acid
Concen: 37.68 ng
RT: 10.06 min Scan# 1185
Delta R.T. -0.05 min
Lab File: BM010263.D
Acq: 26 May 2017 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	134.2	99.9	139.9	
77	123.8	73.7	113.7	





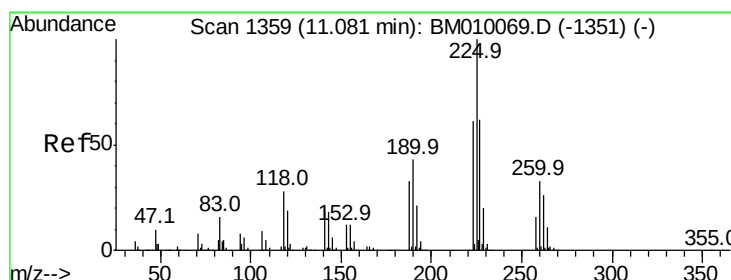
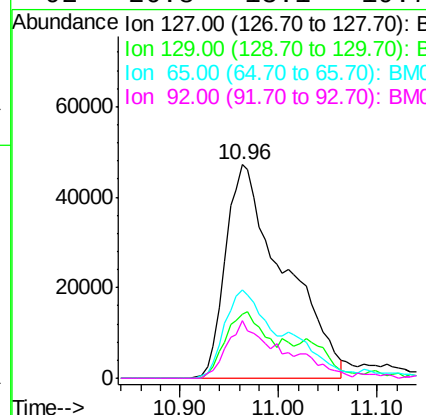
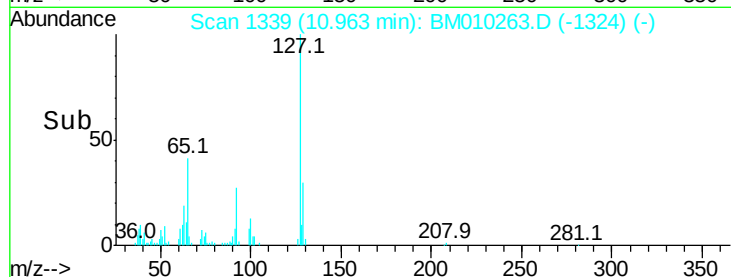
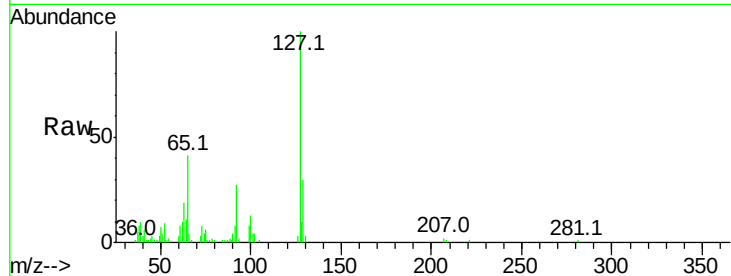
#33
4-Chloroaniline
Concen: 25.62 ng/ml
RT: 10.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BM010263.D
Acq: 26 May 2017 18:47

Instrument :
BNA_M
ClientSampleId :
PB99311BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	30.1	25.3	37.9	
65	41.5	17.6	26.4	
92	26.8	13.1	19.7	

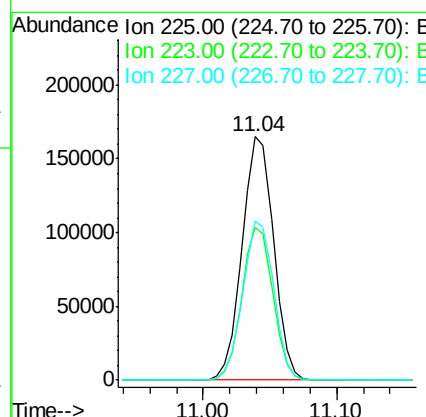
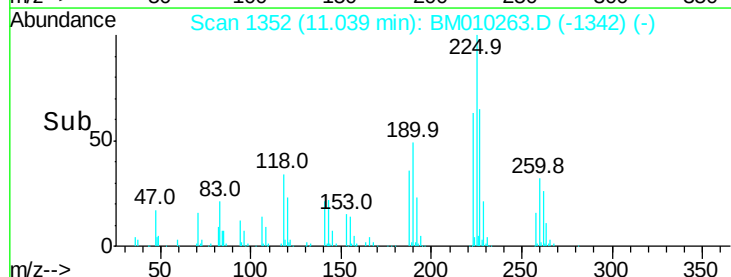
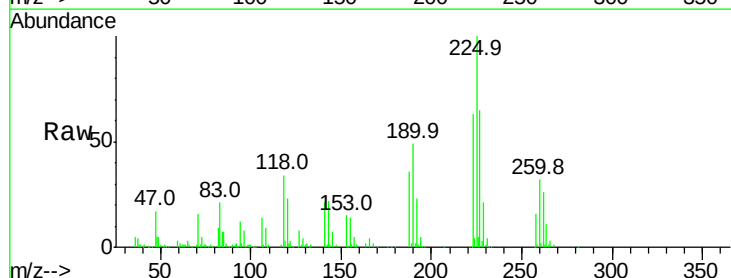
Manual Integrations
APPROVED

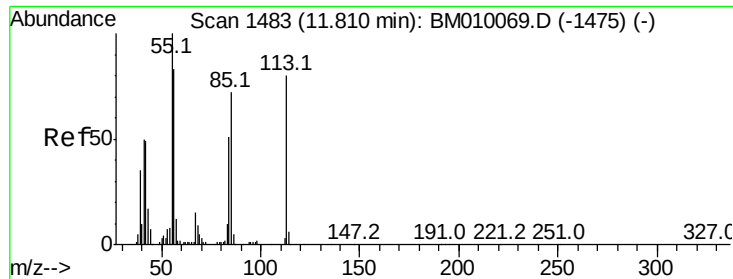
mohammad
5/30/2017 1:09:55 PM



#34
Hexachlorobutadiene
Concen: 50.74 ng/ml
RT: 11.04 min Scan# 1352
Delta R.T. -0.04 min
Lab File: BM010263.D
Acq: 26 May 2017 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.8	47.9	71.9	
227	65.2	50.1	75.1	





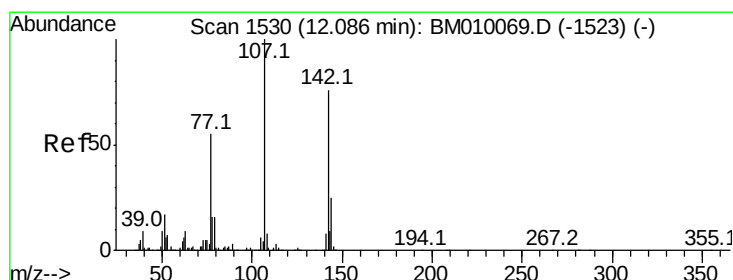
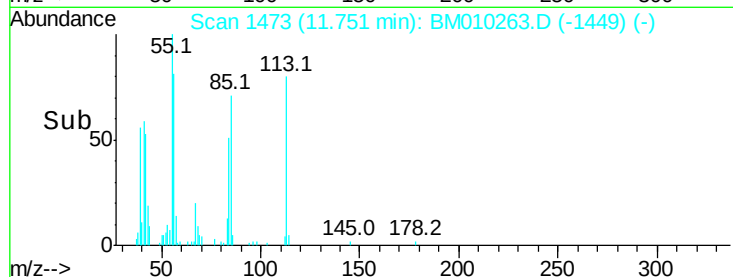
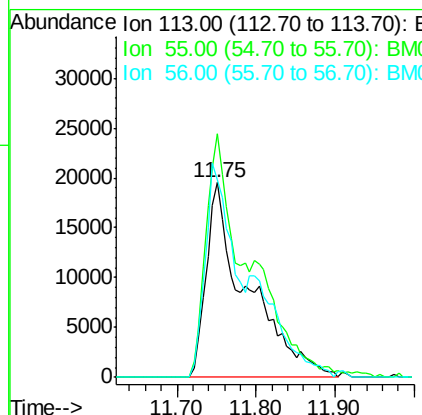
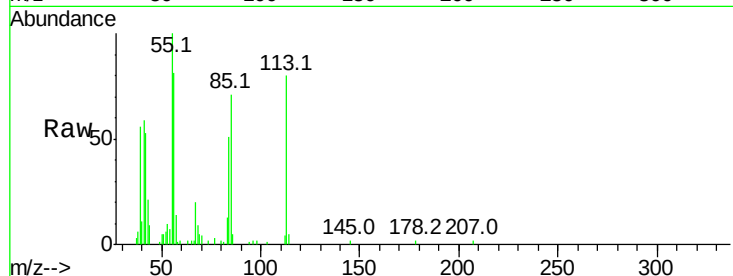
#35
 Caprolactam
 Concen: 39.83 ng/ml
 RT: 11.75 min Scan# 1473
 Delta R.T. -0.06 min
 Lab File: BM010263.D
 Acq: 26 May 2017 18:47

Instrument :
 BNA_M
 ClientSampleId :
 PB99311BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	124.9	145.9	185.9#
56	101.2	101.0	141.0

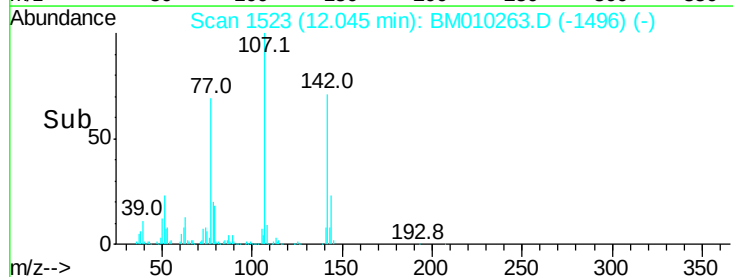
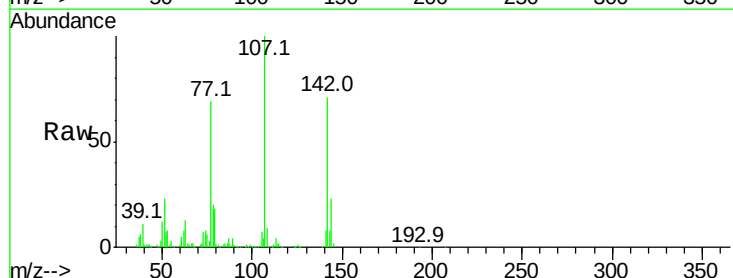
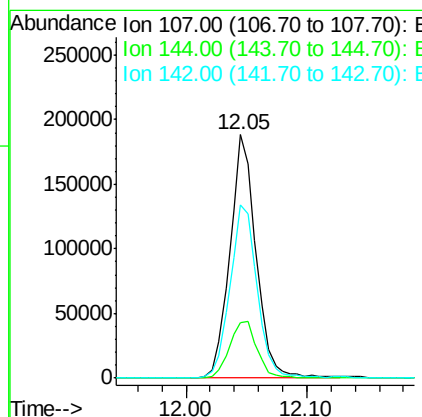
Manual Integrations
 APPROVED

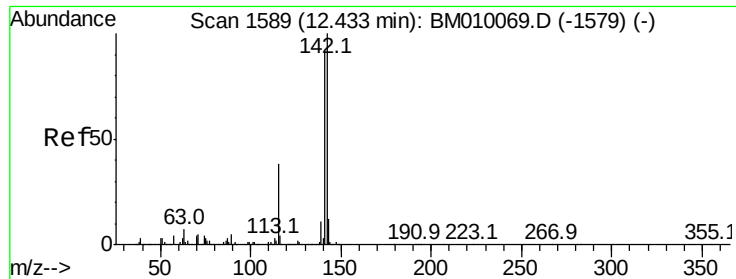
mohammad
 5/30/2017 1:09:55 PM



#36
 4-Chloro-3-methylphenol
 Concen: 42.60 ng/ml
 RT: 12.05 min Scan# 1523
 Delta R.T. -0.04 min
 Lab File: BM010263.D
 Acq: 26 May 2017 18:47

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.9	23.3	34.9#
142	71.3	72.6	109.0#





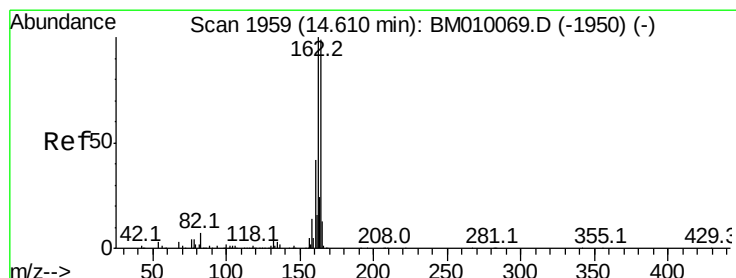
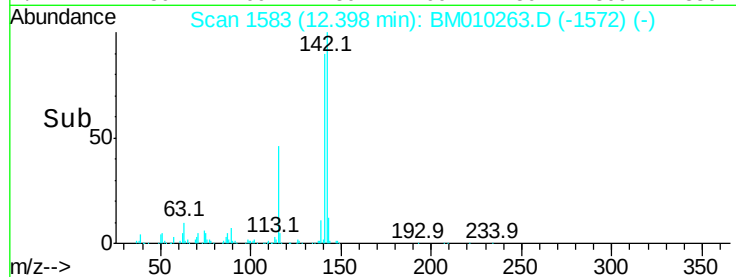
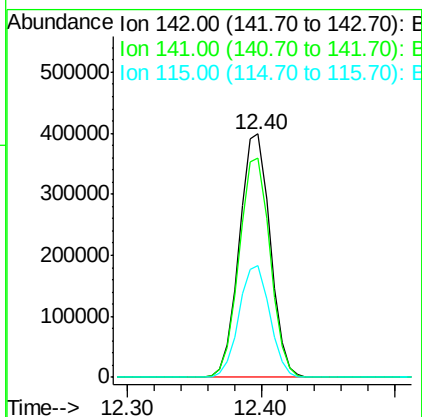
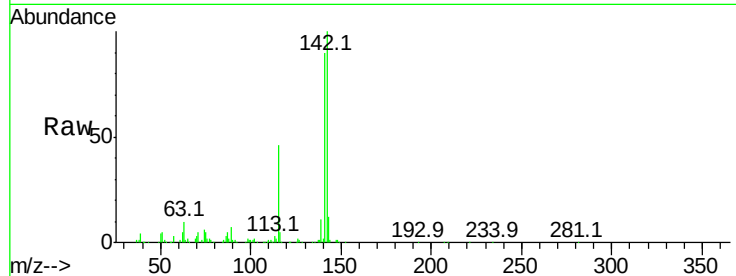
#37
 2-Methylnaphthalene
 Concen: 44.95 ng
 RT: 12.40 min Scan# 1583
 Delta R.T. -0.04 min
 Lab File: BM010263.D
 Acq: 26 May 2017 18:47

Instrument :
 BNA_M
 ClientSampled :
 PB99311BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	635527		
141	90.2	71.9	107.9	
115	45.8	25.4	38.0	

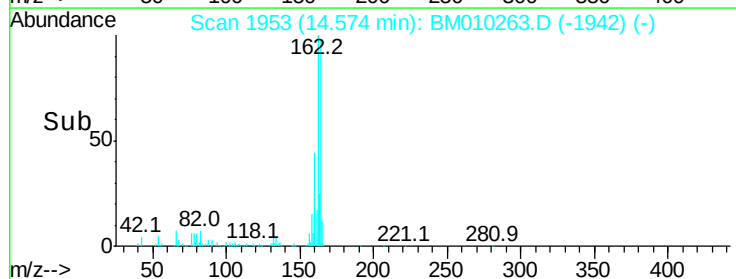
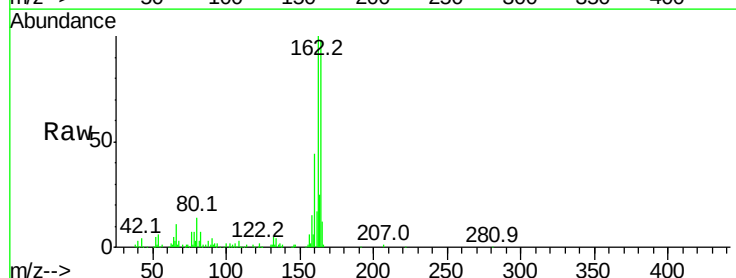
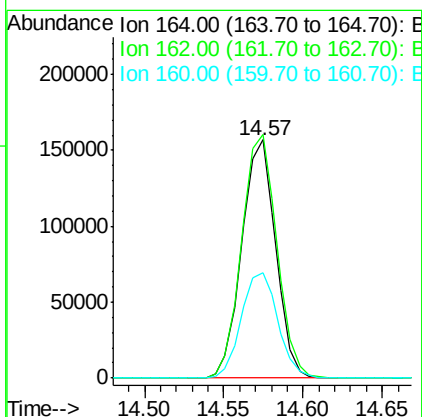
Manual Integrations
 APPROVED

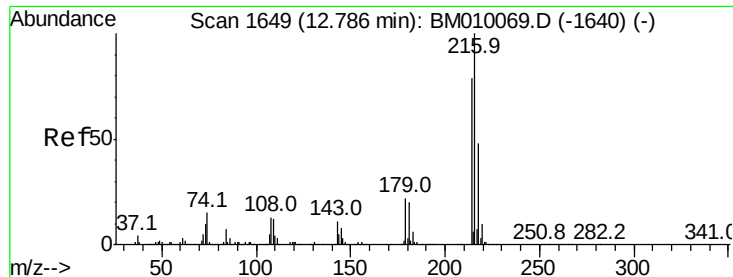
mohammad
 5/30/2017 1:09:55 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.57 min Scan# 1953
 Delta R.T. -0.04 min
 Lab File: BM010263.D
 Acq: 26 May 2017 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	232681		
162	102.2	82.4	123.6	
160	44.5	35.8	53.6	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.46 ng

RT: 12.75 min Scan# 1643

Delta R.T. -0.04 min

Lab File: BM010263.D

Acq: 26 May 2017 18:47

Instrument :

BNA_M

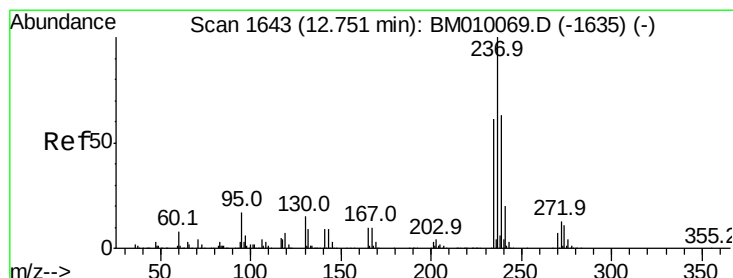
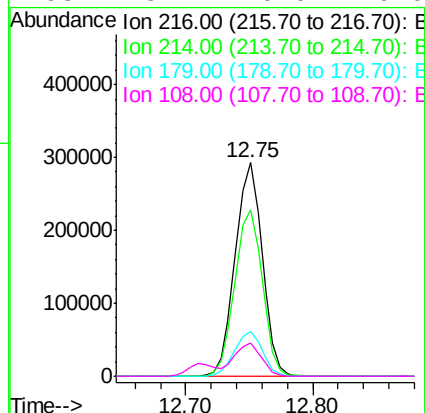
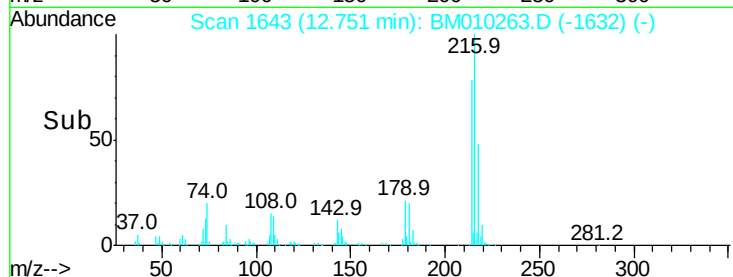
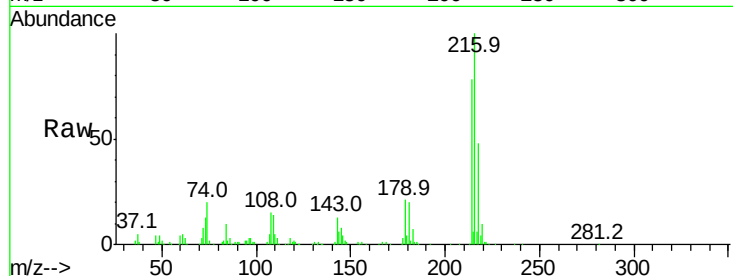
ClientSampleId :

PB99311BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	433646		
214	79.2	0.0	0.0#	
179	21.4	0.0	0.0#	
108	15.4	0.0	0.0#	

Manual Integrations
APPROVED

mohammad
5/30/2017 1:09:55 PM



#40

Hexachlorocyclopentadiene

Concen: 126.50 ng

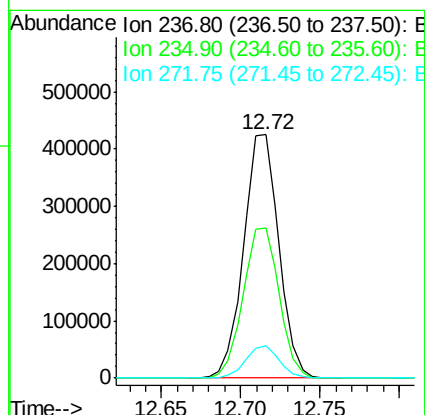
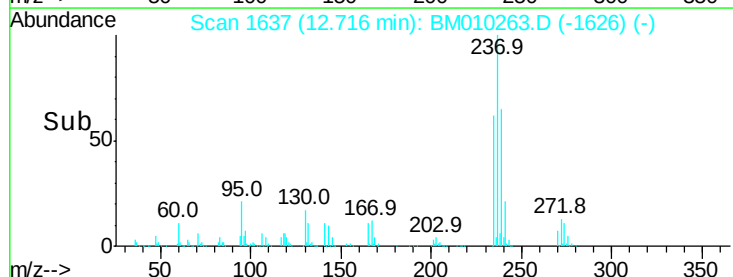
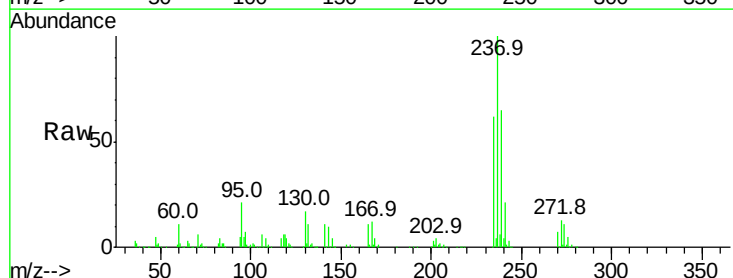
RT: 12.72 min Scan# 1637

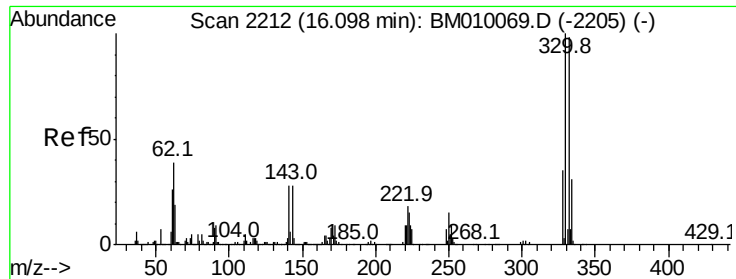
Delta R.T. -0.04 min

Lab File: BM010263.D

Acq: 26 May 2017 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	653551		
235	61.8	42.0	82.0	
272	13.2	0.0	33.4	





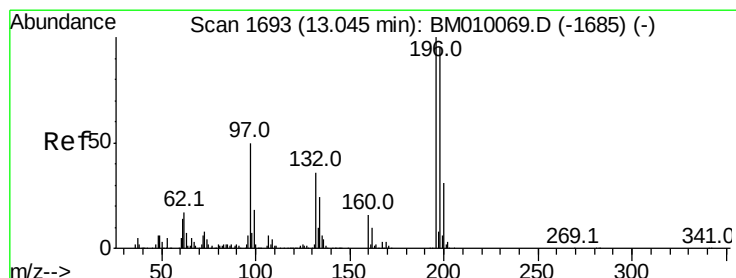
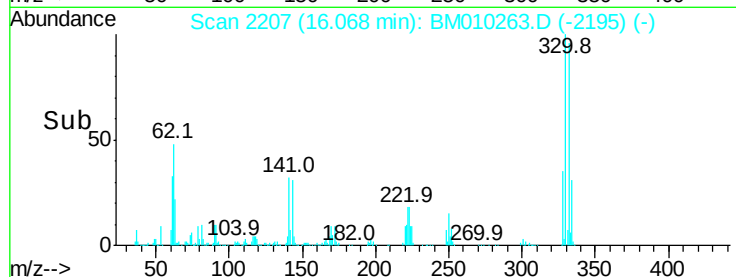
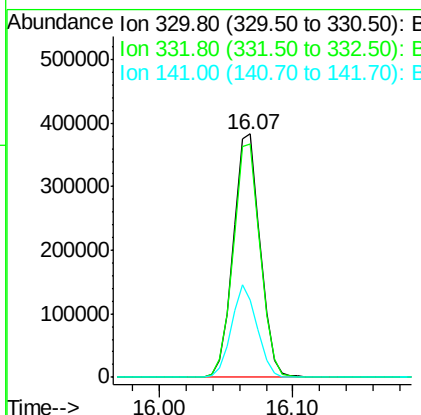
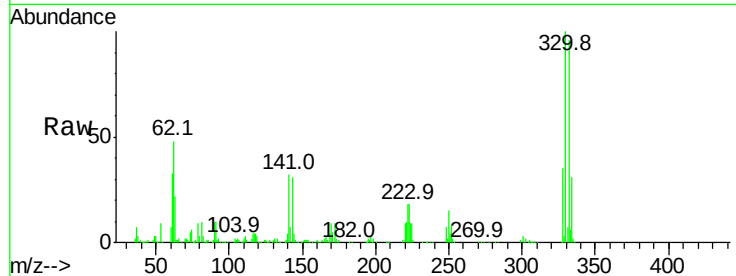
#41
 2,4,6-Tribromophenol
 Concen: 151.57 ng
 RT: 16.07 min Scan# 2207
 Delta R.T. -0.03 min
 Lab File: BM010263.D
 Acq: 26 May 2017 18:47

Instrument :
 BNA_M
 ClientSampled :
 PB99311BS

Tot Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.5	0.0	0.0#
141	36.6	0.0	0.0#

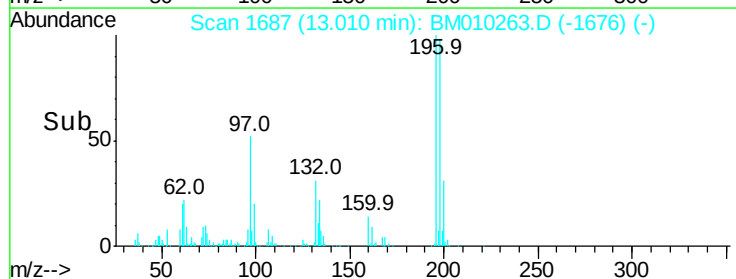
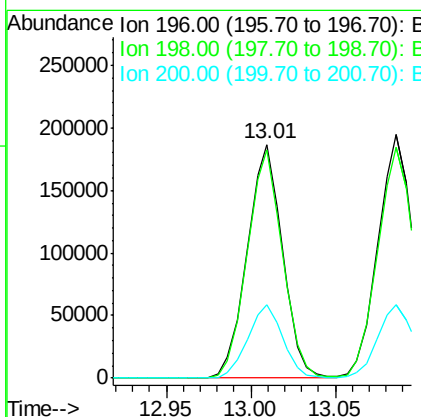
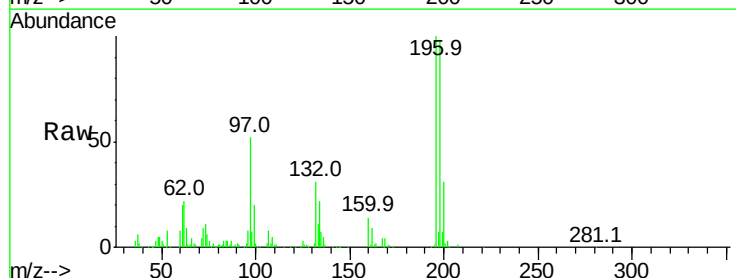
Manual Integrations
 APPROVED

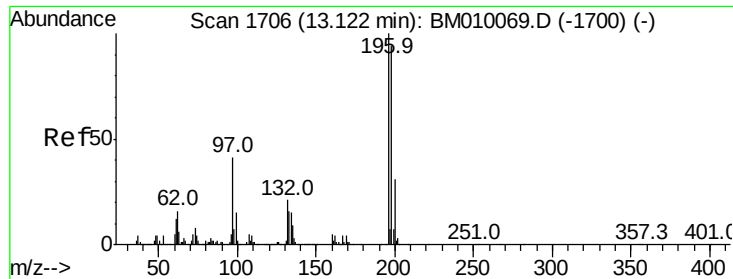
mohammad
 5/30/2017 1:09:55 PM



#42
 2,4,6-Trichlorophenol
 Concen: 51.60 ng
 RT: 13.01 min Scan# 1687
 Delta R.T. -0.04 min
 Lab File: BM010263.D
 Acq: 26 May 2017 18:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
196	100		
198	97.9	76.3	114.5
200	31.3	25.6	38.4





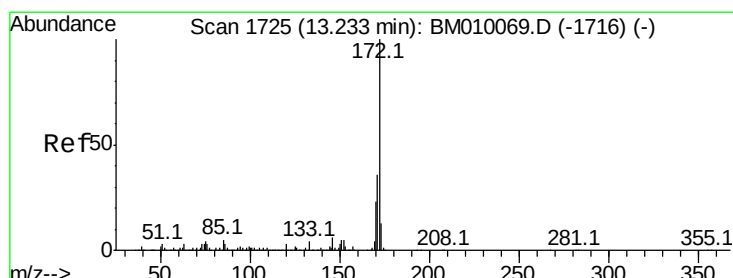
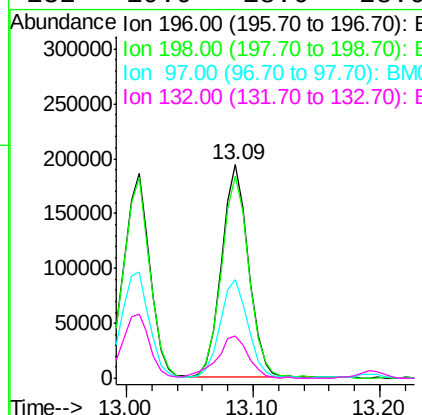
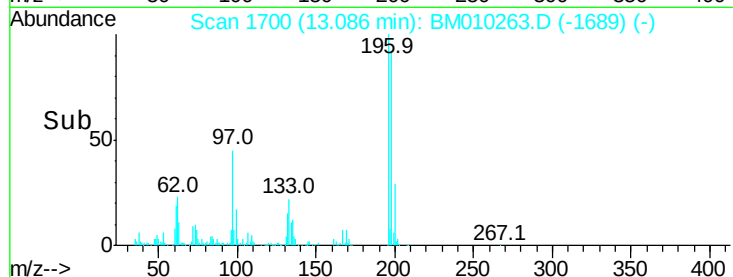
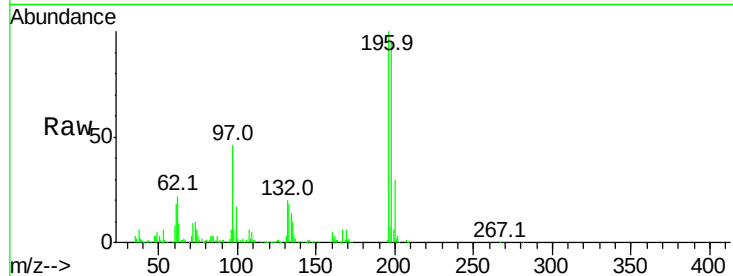
#43
2,4,5-Trichlorophenol
Concen: 49.12 ng
RT: 13.09 min Scan# 1700
Delta R.T. -0.04 min
Lab File: BM010263.D
Acq: 26 May 2017 18:47

Instrument :
BNA_M
ClientSampleId :
PB99311BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	286034		
198	94.6	79.4	119.0	
97	46.3	26.8	40.2	
132	19.9	18.6	28.0	

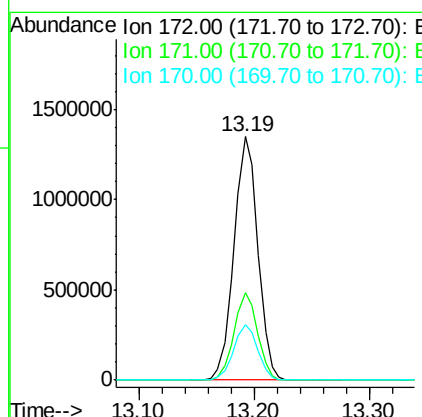
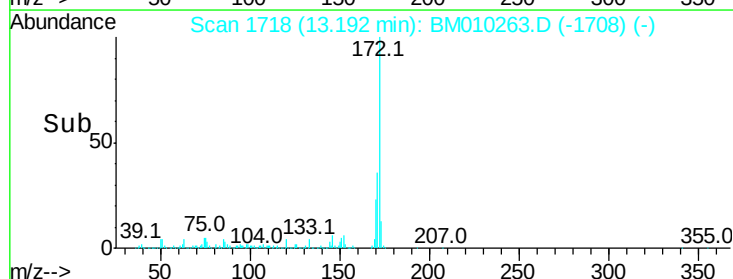
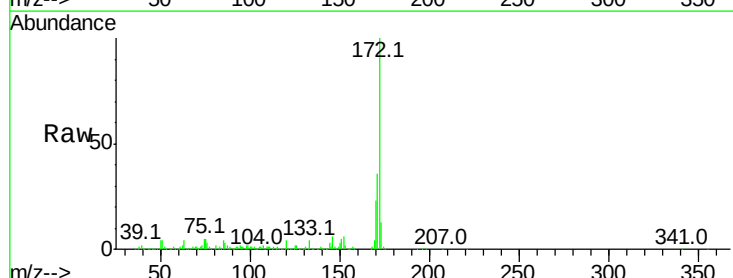
Manual Integrations
APPROVED

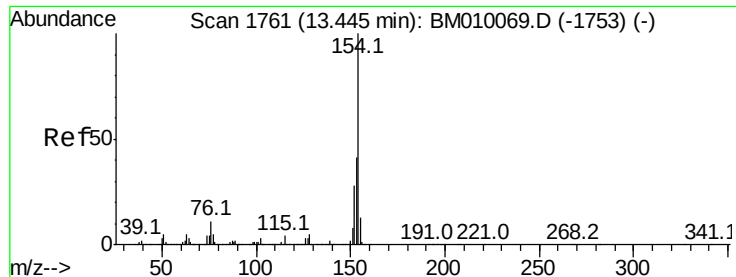
mohammad
5/30/2017 1:09:55 PM



#44
2-Fluorobiphenyl
Concen: 106.32 ng
RT: 13.19 min Scan# 1718
Delta R.T. -0.04 min
Lab File: BM010263.D
Acq: 26 May 2017 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1924328		
171	35.8	28.5	42.7	
170	22.9	18.8	28.2	





#45

1,1'-Biphenyl

Concen: 45.80 ng

RT: 13.40 min Scan# 1754

Delta R.T. -0.04 min

Lab File: BM010263.D

Acq: 26 May 2017 18:47

Instrument :

BNA_M

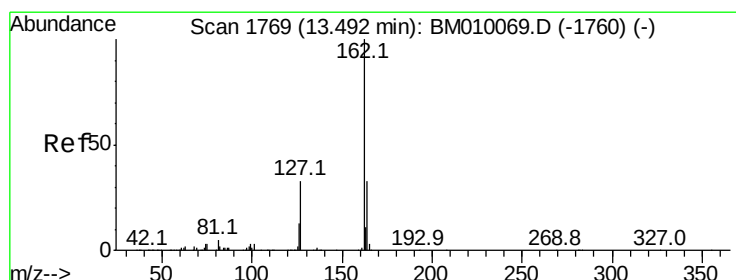
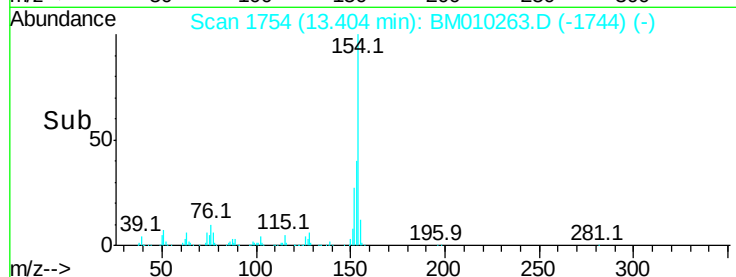
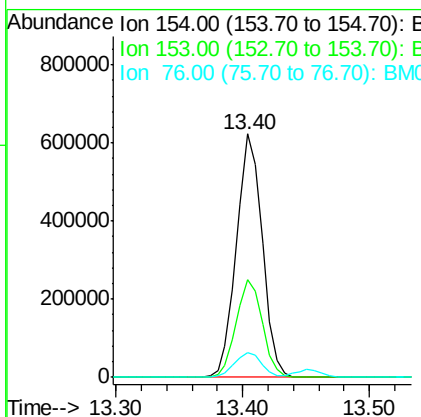
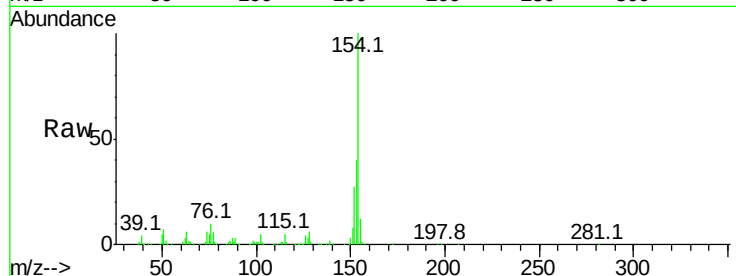
ClientSampleId :

PB99311BS

Tot Ion:	154	Resp:	876280
Ion Ratio	Lower	Upper	
154	100		
153	39.9	20.7	60.7
76	10.4	0.0	30.9

Manual Integrations
APPROVED

mohammad
5/30/2017 1:09:55 PM



#46

2-Chloronaphthalene

Concen: 45.09 ng

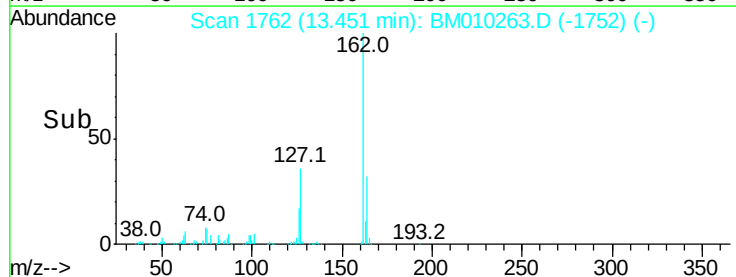
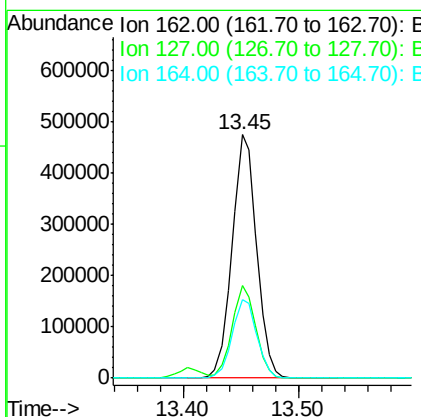
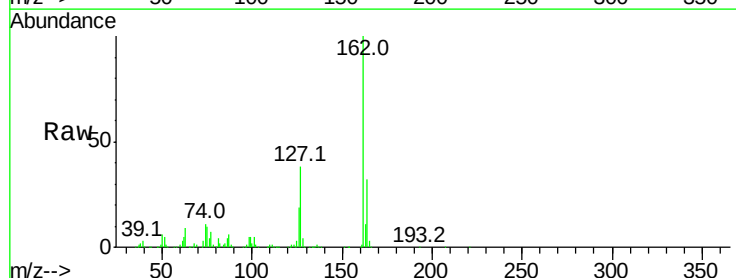
RT: 13.45 min Scan# 1762

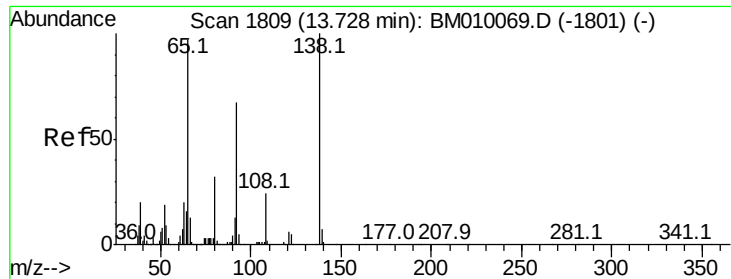
Delta R.T. -0.04 min

Lab File: BM010263.D

Acq: 26 May 2017 18:47

Tgt Ion:	162	Resp:	698604
Ion Ratio	Lower	Upper	
162	100		
127	37.9	26.9	40.3
164	32.4	26.8	40.2





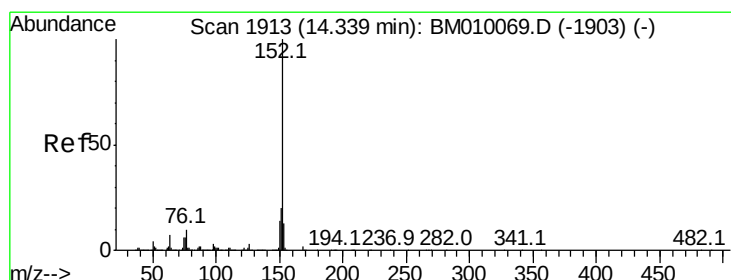
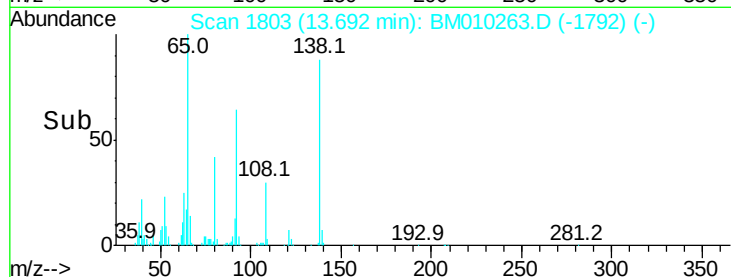
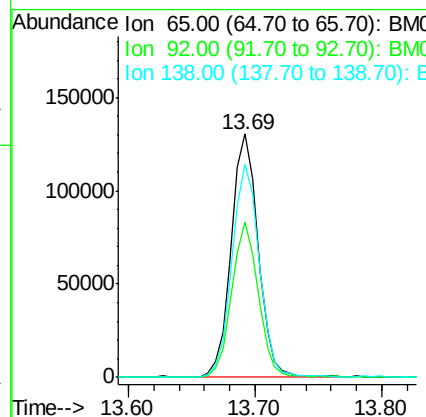
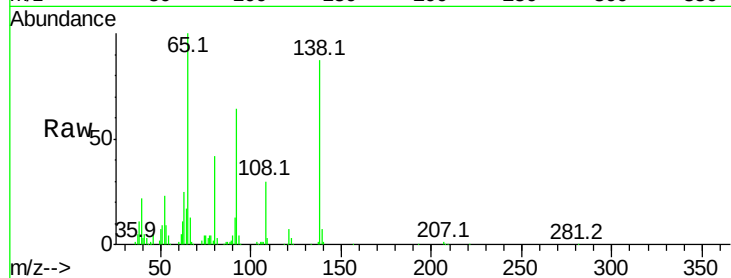
#47
2-Nitroaniline
Concen: 48.43 ng
RT: 13.69 min Scan# 1803
Delta R.T. -0.04 min
Lab File: BM010263.D
Acq: 26 May 2017 18:47

Instrument :
BNA_M
ClientSampleId :
PB99311BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.0	59.1	88.7
138	87.3	93.9	140.9

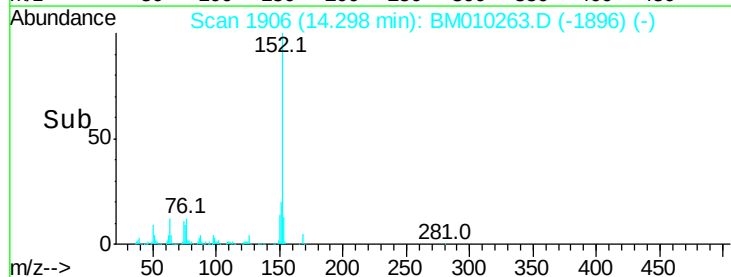
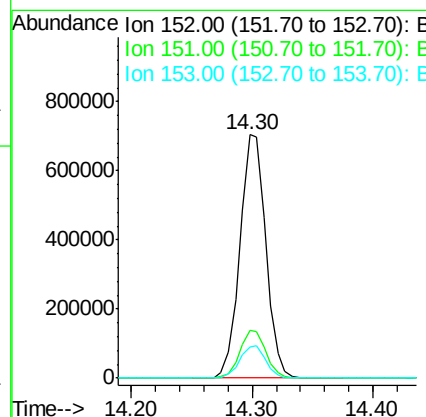
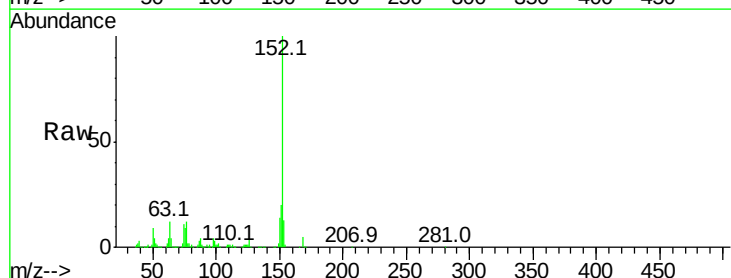
Manual Integrations
APPROVED

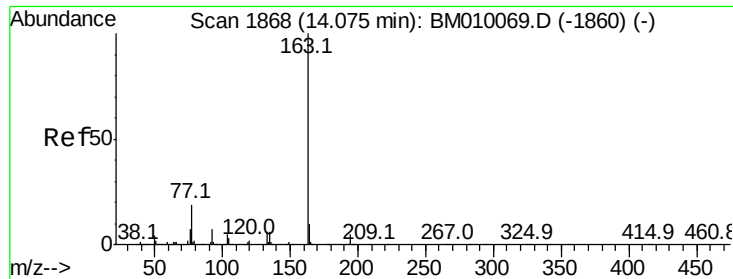
mohammad
5/30/2017 1:09:55 PM



#48
Acenaphthylene
Concen: 45.98 ng
RT: 14.30 min Scan# 1906
Delta R.T. -0.04 min
Lab File: BM010263.D
Acq: 26 May 2017 18:47

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.9	23.9
153	12.9	10.6	16.0





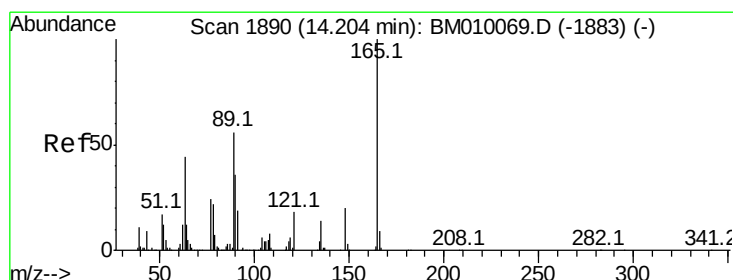
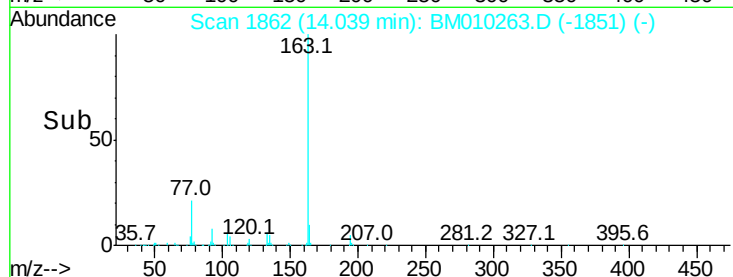
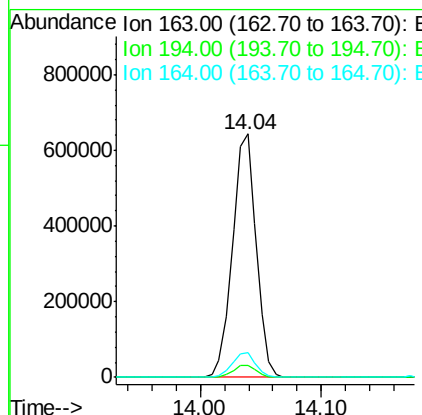
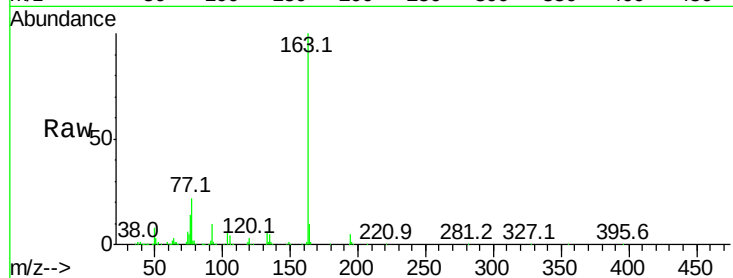
#49
Dimethylphthalate
Concen: 42.36 ng
RT: 14.04 min Scan# 1862
Delta R.T. -0.04 min
Lab File: BM010263.D
Acq: 26 May 2017 18:47

Instrument :
BNA_M
ClientSampleId :
PB99311BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.9	2.7	4.1#
164	10.2	8.2	12.2

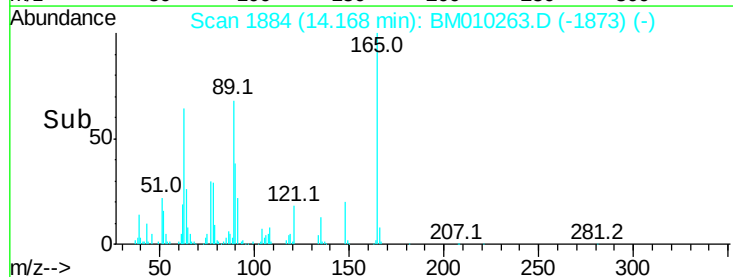
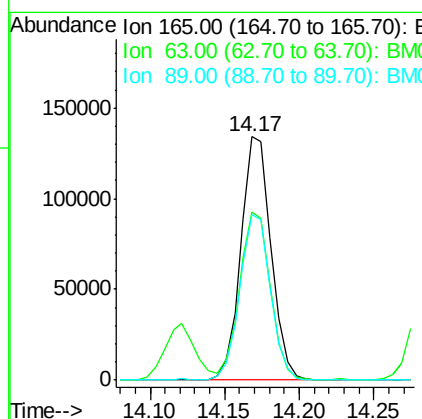
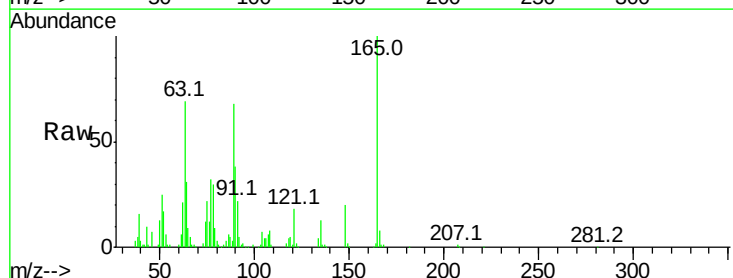
Manual Integrations
APPROVED

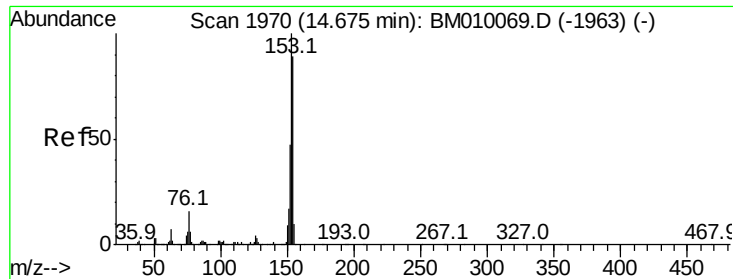
mohammad
5/30/2017 1:09:55 PM



#50
2,6-Dinitrotoluene
Concen: 47.63 ng
RT: 14.17 min Scan# 1884
Delta R.T. -0.04 min
Lab File: BM010263.D
Acq: 26 May 2017 18:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	69.0	44.1	66.1#
89	67.9	44.3	66.5#





#51

Acenaphthene

Concen: 44.73 ng

RT: 14.64 min Scan# 1964

Delta R.T. -0.04 min

Lab File: BM010263.D

Acq: 26 May 2017 18:47

Instrument :

BNA_M

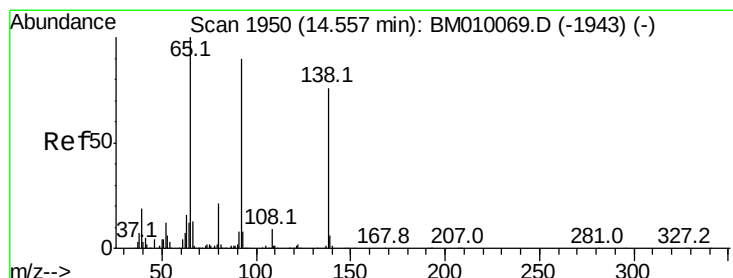
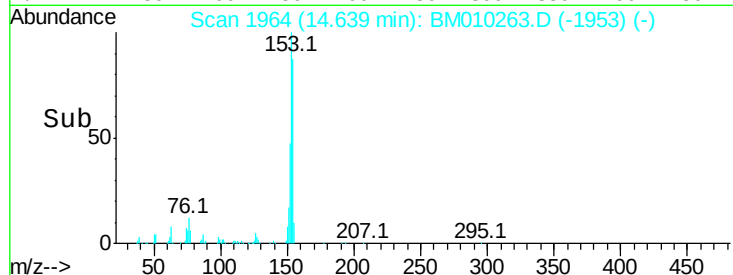
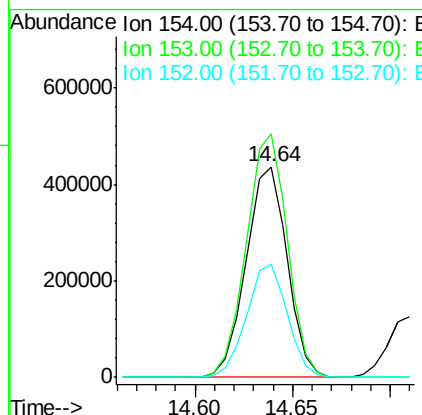
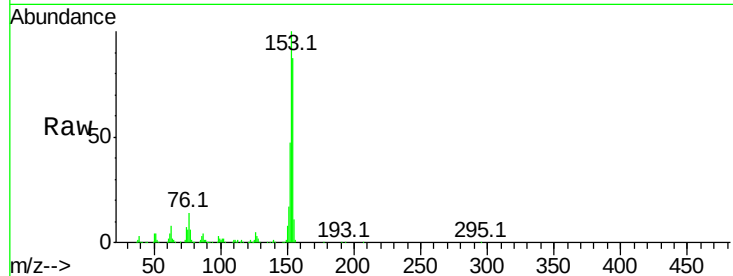
ClientSampleId :

PB99311BS

Tot Ion:	154	Resp:	637047
Ion Ratio	Lower	Upper	
154	100		
153	115.4	90.0	135.0
152	53.8	42.6	63.8

Manual Integrations
APPROVED

mohammad
5/30/2017 1:09:55 PM



#52

3-Nitroaniline

Concen: 39.99 ng

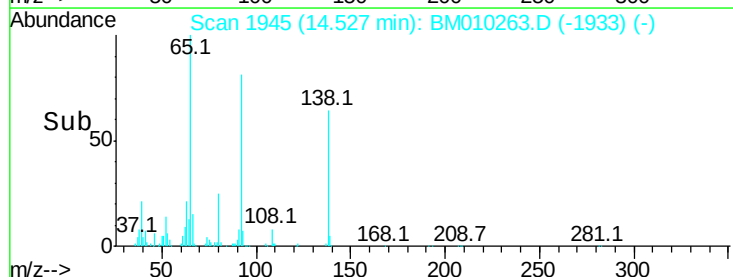
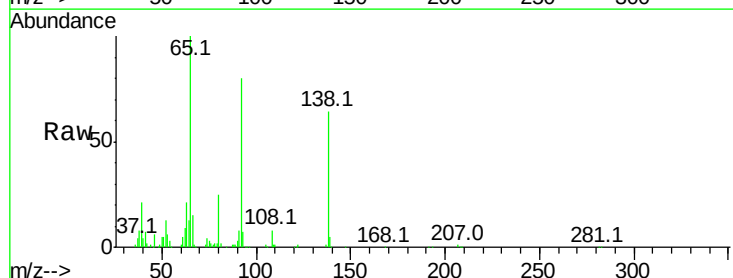
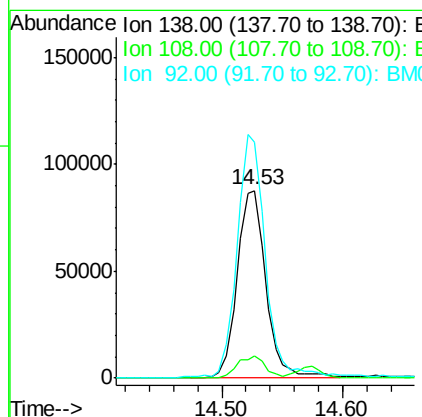
RT: 14.53 min Scan# 1945

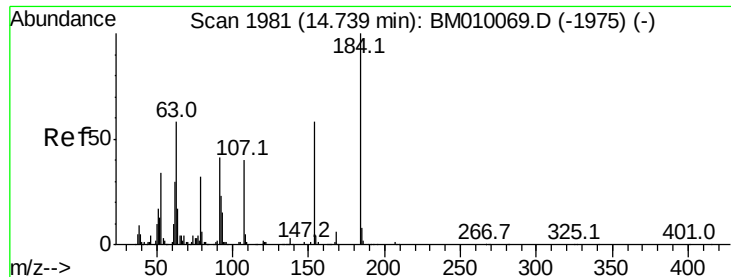
Delta R.T. -0.03 min

Lab File: BM010263.D

Acq: 26 May 2017 18:47

Tgt Ion:	138	Resp:	146494
Ion Ratio	Lower	Upper	
138	100		
108	11.9	7.3	10.9#
92	125.9	76.6	114.8#





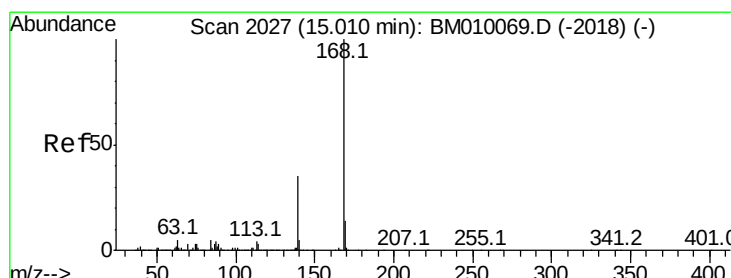
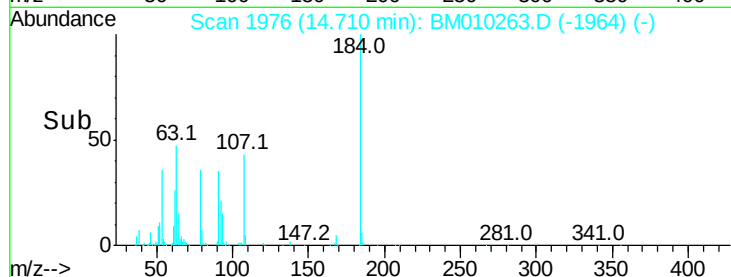
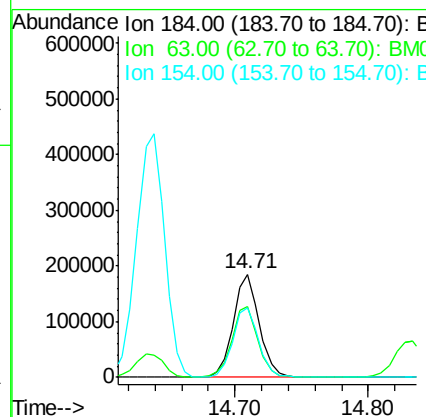
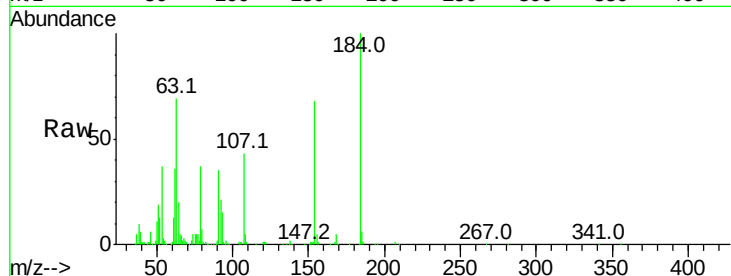
#53
2,4-Dinitrophenol
Concen: 95.35 ng
RT: 14.71 min Scan# 1976
Delta R.T. -0.03 min
Lab File: BM010263.D
Acq: 26 May 2017 18:47

Instrument :
BNA_M
ClientSampleId :
PB99311BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	69.1	69.2	103.8#
154	67.9	53.3	79.9

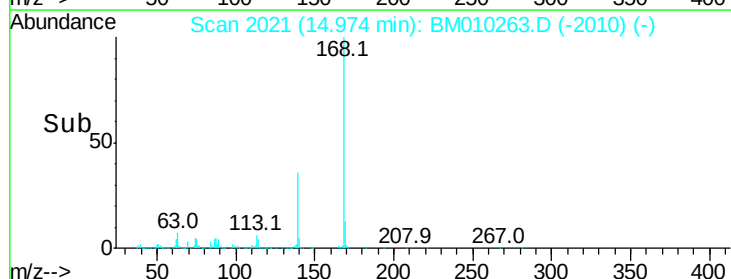
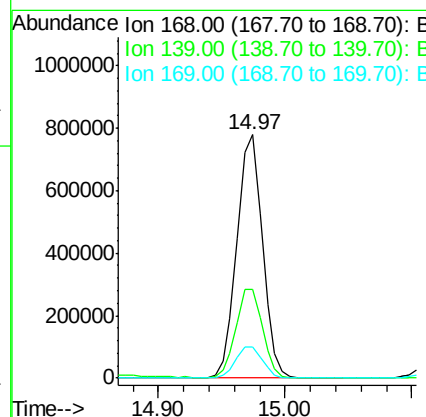
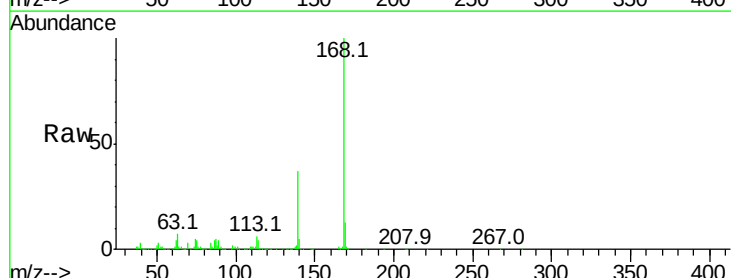
Manual Integrations
APPROVED

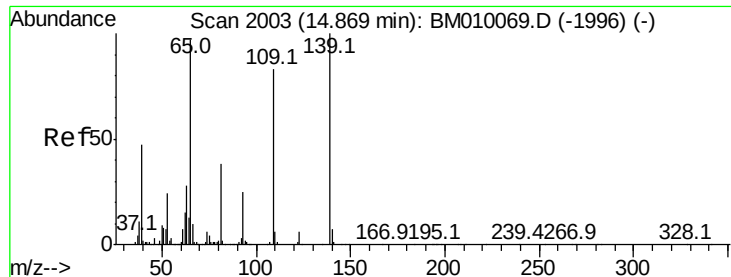
mohammad
5/30/2017 1:09:55 PM



#54
Dibenzofuran
Concen: 48.59 ng
RT: 14.97 min Scan# 2021
Delta R.T. -0.04 min
Lab File: BM010263.D
Acq: 26 May 2017 18:47

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.6	27.3	40.9
169	13.0	10.6	16.0





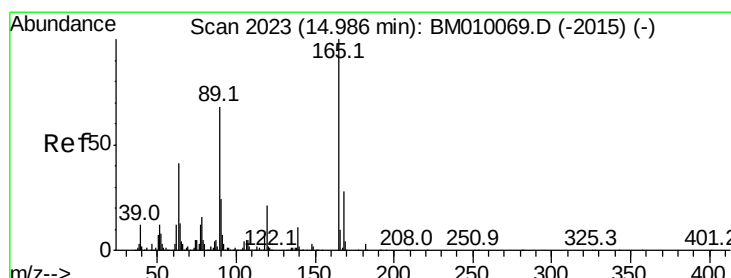
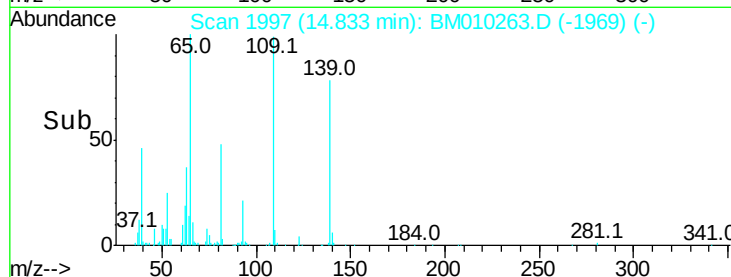
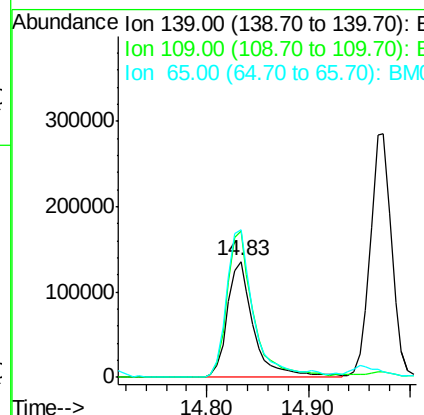
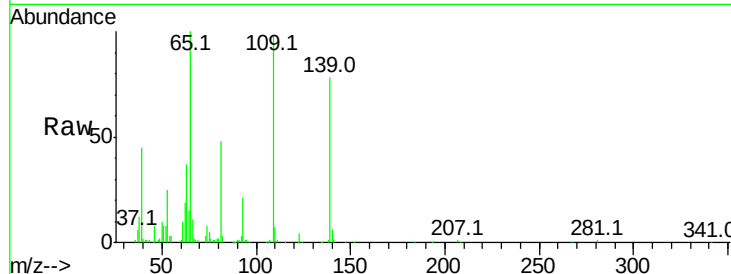
#55
4-Nitrophenol
Concen: 84.05 ng
RT: 14.83 min Scan# 1997
Delta R.T. -0.04 min
Lab File: BM010263.D
Acq: 26 May 2017 18:47

Instrument :
BNA_M
ClientSampleId :
PB99311BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	126.1	37.7	77.7#
65	128.1	49.9	89.9#

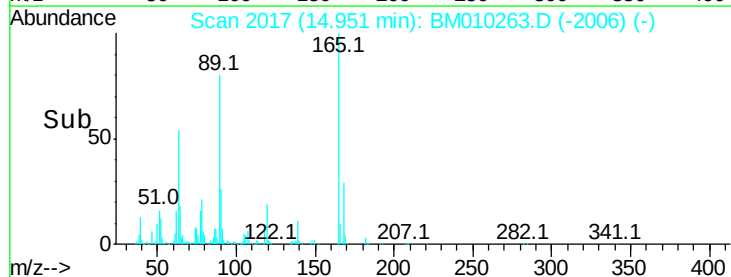
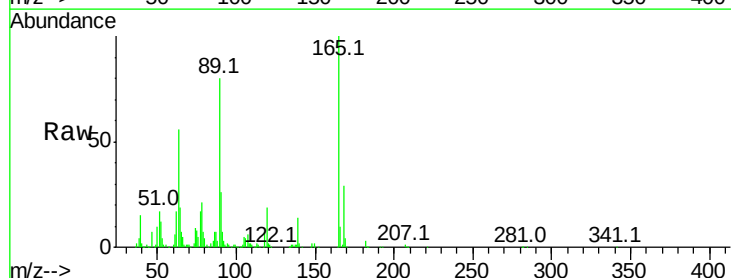
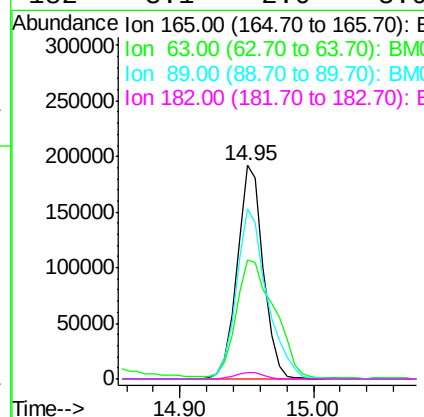
Manual Integrations
APPROVED

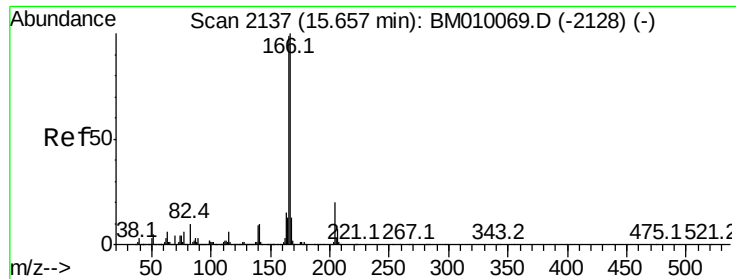
mohammad
5/30/2017 1:09:55 PM



#56
2,4-Dinitrotoluene
Concen: 46.62 ng
RT: 14.95 min Scan# 2017
Delta R.T. -0.04 min
Lab File: BM010263.D
Acq: 26 May 2017 18:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	56.0	52.4	78.6
89	79.9	72.4	108.6
182	3.1	2.0	3.0#





#57

Fluorene

Concen: 46.11 ng

RT: 15.62 min Scan# 2131

Delta R.T. -0.04 min

Lab File: BM010263.D

Acq: 26 May 2017 18:47

Instrument :

BNA_M

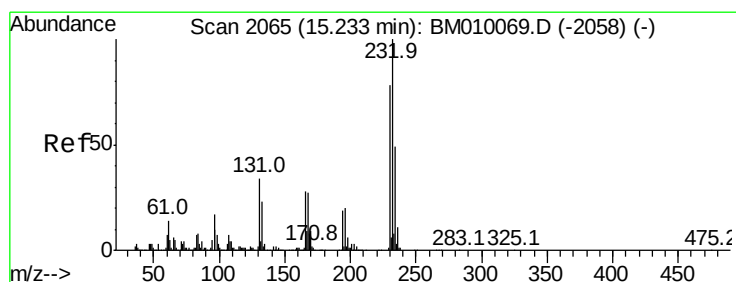
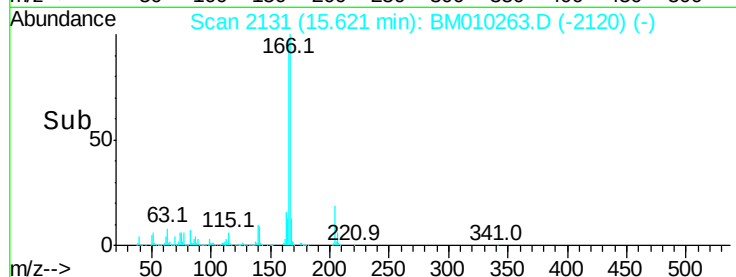
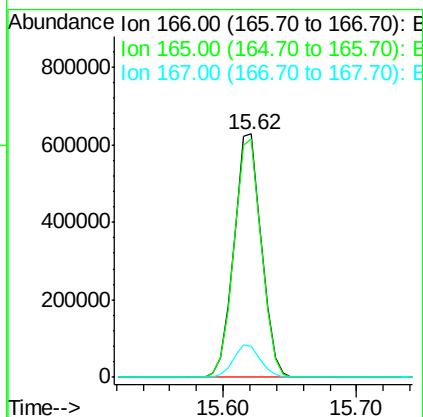
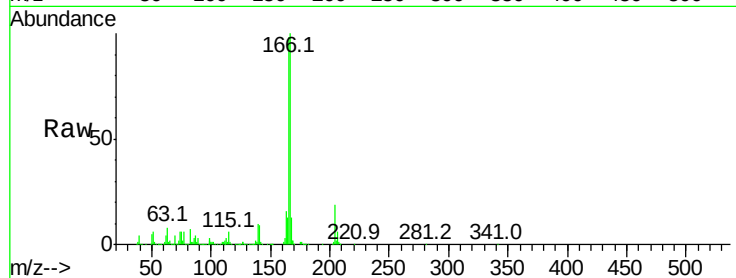
ClientSampleId :

PB99311BS

Tot Ion:	166	Resp:	897998
Ion Ratio	Lower	Upper	
166	100		
165	97.8	79.0	118.4
167	12.9	10.3	15.5

Manual Integrations
APPROVED

mohammad
5/30/2017 1:09:55 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 55.26 ng

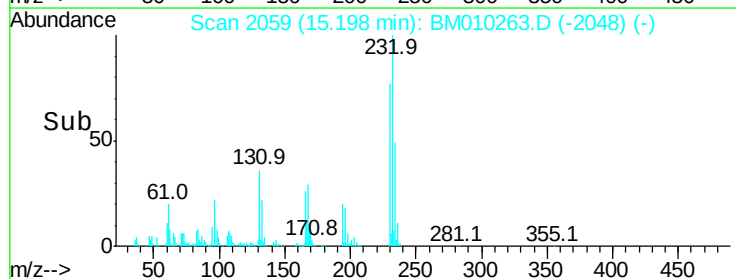
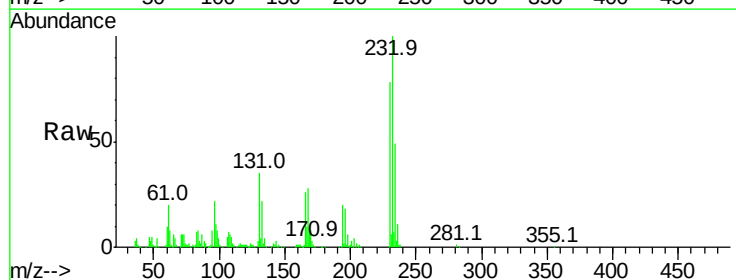
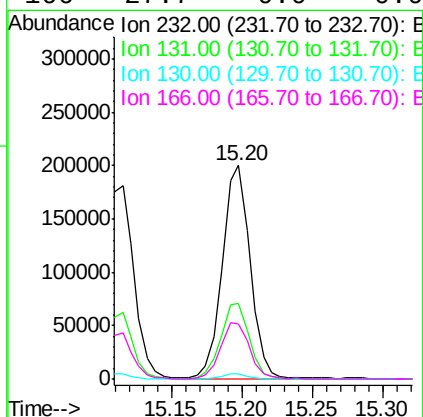
RT: 15.20 min Scan# 2059

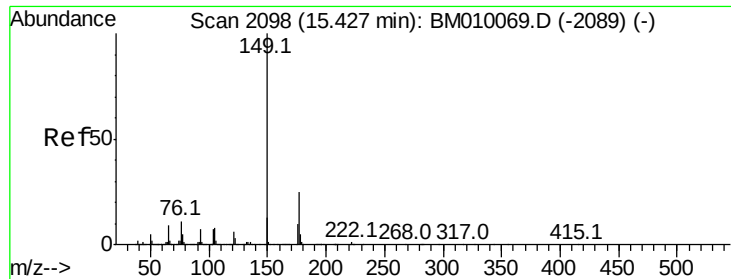
Delta R.T. -0.04 min

Lab File: BM010263.D

Acq: 26 May 2017 18:47

Tgt Ion:	232	Resp:	274114
Ion Ratio	Lower	Upper	
232	100		
131	36.6	0.0	0.0#
130	2.5	0.0	0.0#
166	27.7	0.0	0.0#





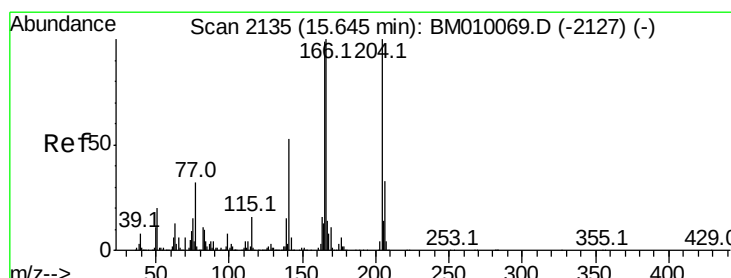
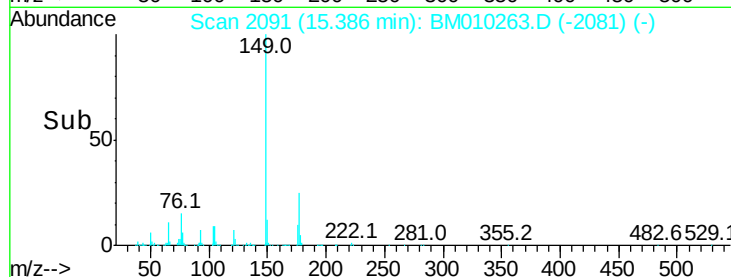
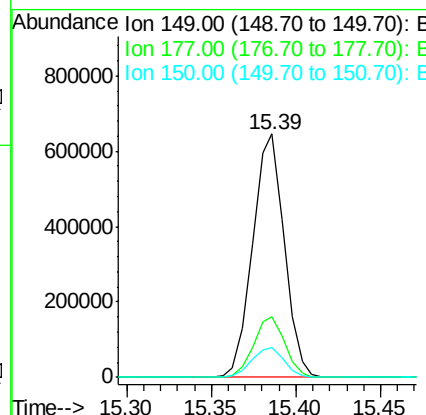
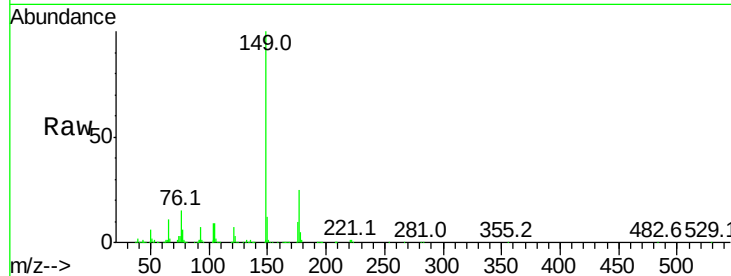
#59
Diethylphthalate
Concen: 42.87 ng
RT: 15.39 min Scan# 2091
Delta R.T. -0.04 min
Lab File: BM010263.D
Acq: 26 May 2017 18:47

Instrument :
BNA_M
ClientSampleId :
PB99311BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	24.6	18.3	27.5	
150	12.4	9.8	14.8	

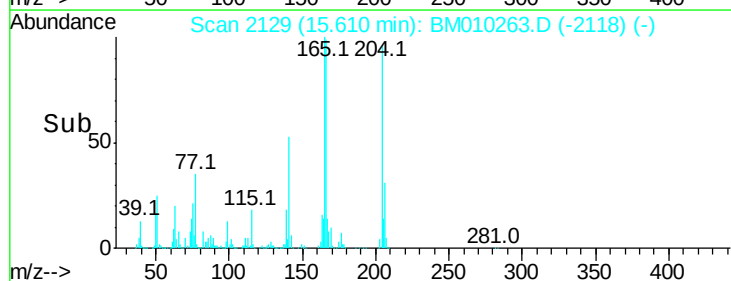
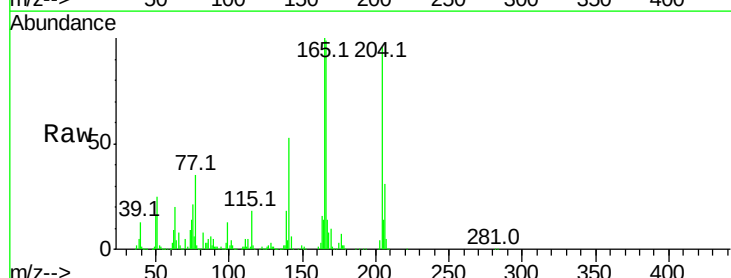
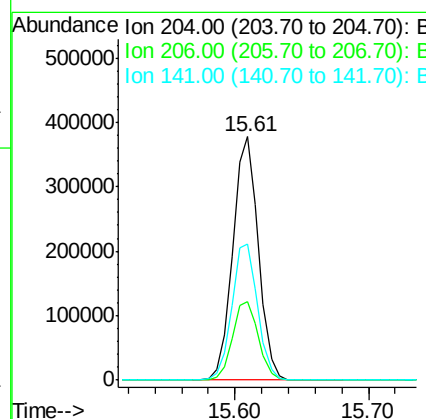
Manual Integrations
APPROVED

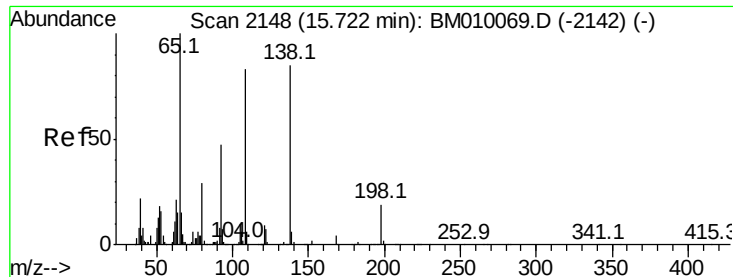
mohammad
5/30/2017 1:09:55 PM



#60
4-Chlorophenyl-phenylether
Concen: 46.10 ng
RT: 15.61 min Scan# 2129
Delta R.T. -0.04 min
Lab File: BM010263.D
Acq: 26 May 2017 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	32.5	26.6	39.8	
141	55.9	45.2	67.8	





#61

4-Nitroaniline

Concen: 38.43 ng

RT: 15.69 min Scan# 2142

Delta R.T. -0.04 min

Lab File: BM010263.D

Acq: 26 May 2017 18:47

Instrument :

BNA_M

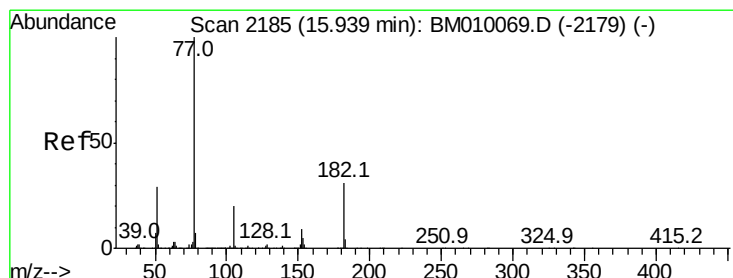
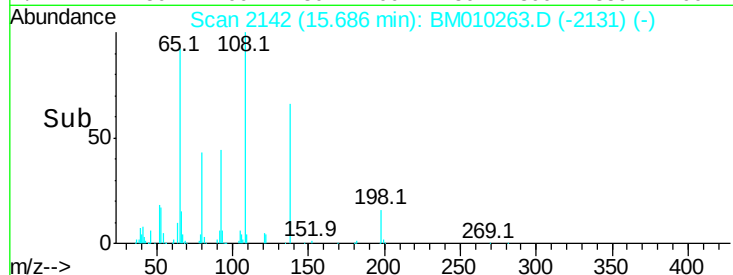
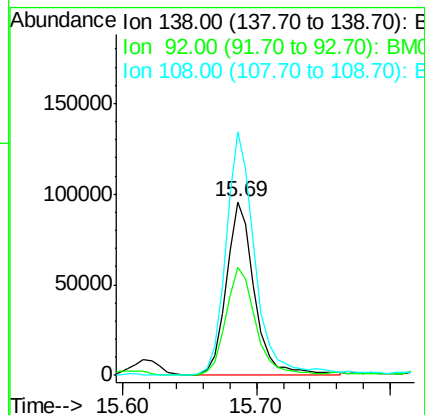
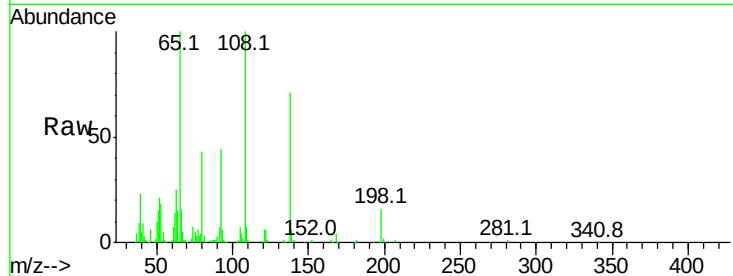
ClientSampleId :

PB99311BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	62.0	16.7	56.7#
108	140.0	37.6	77.6#

Manual Integrations
APPROVED

mohammad
5/30/2017 1:09:55 PM



#62

Azobenzene

Concen: 60.13 ng

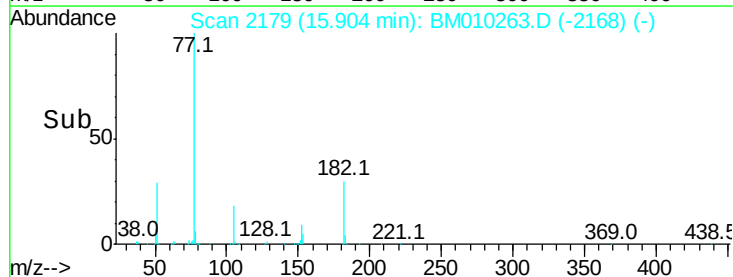
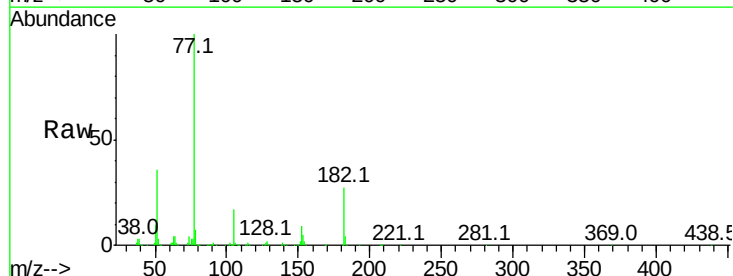
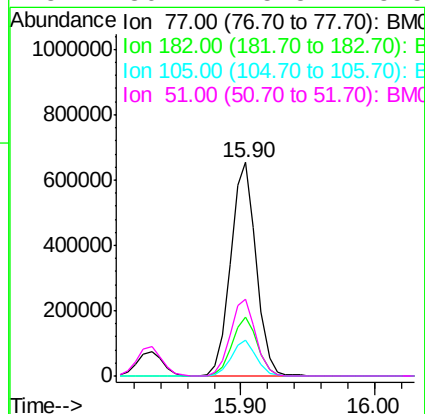
RT: 15.90 min Scan# 2179

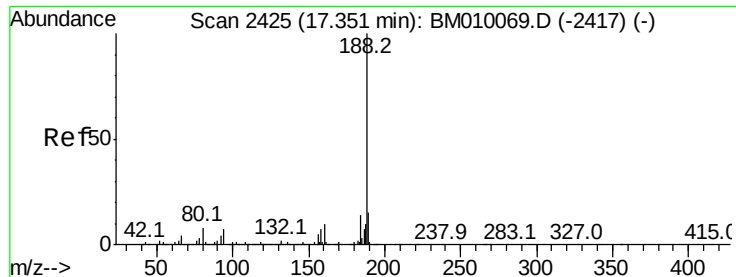
Delta R.T. -0.04 min

Lab File: BM010263.D

Acq: 26 May 2017 18:47

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.4	6.5	46.5
105	16.9	3.8	43.8
51	36.1	5.5	45.5





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.32 min Scan# 2419

Delta R.T. -0.04 min

Lab File: BM010263.D

Acq: 26 May 2017 18:47

Instrument :

BNA_M

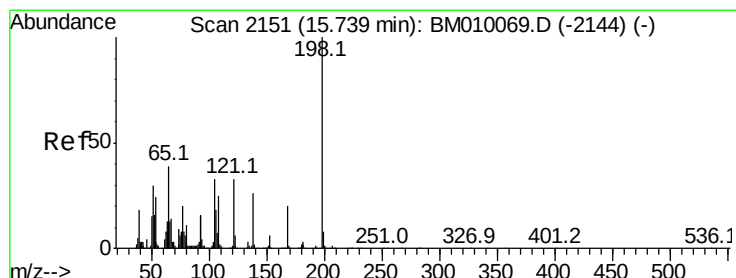
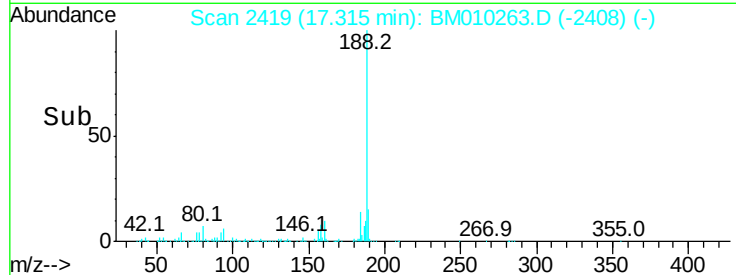
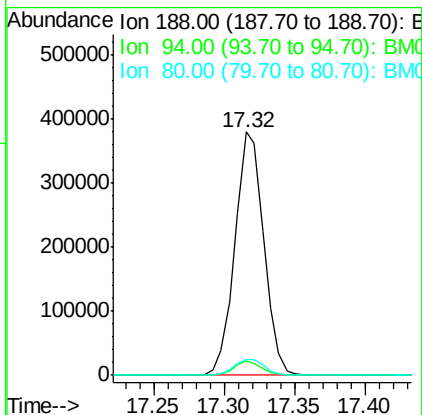
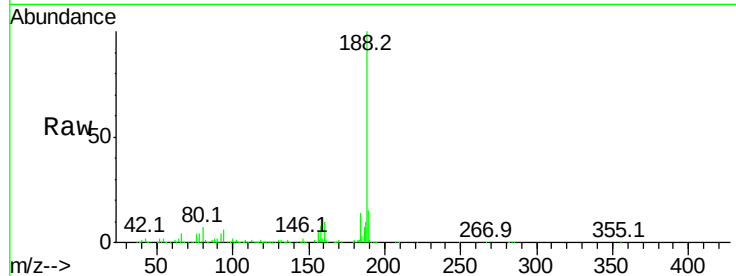
ClientSampled :

PB99311BS

Tot Ion:188	Resp:	541600
Ion Ratio	Lower	Upper
188 100		
94 5.8	8.7	13.1#
80 6.5	9.3	13.9#

Manual Integrations
APPROVED

mohammad
5/30/2017 1:09:55 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 50.80 ng

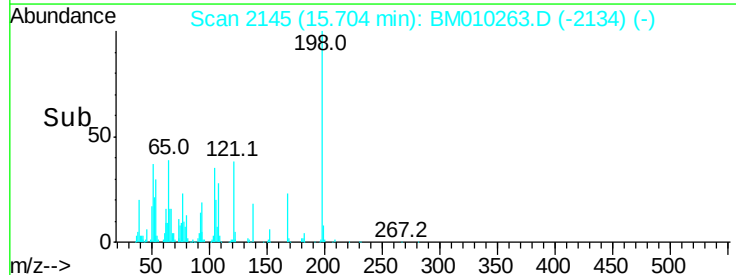
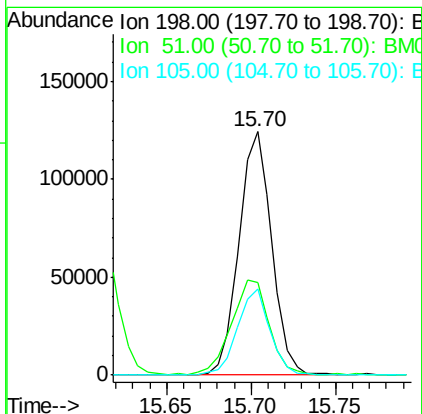
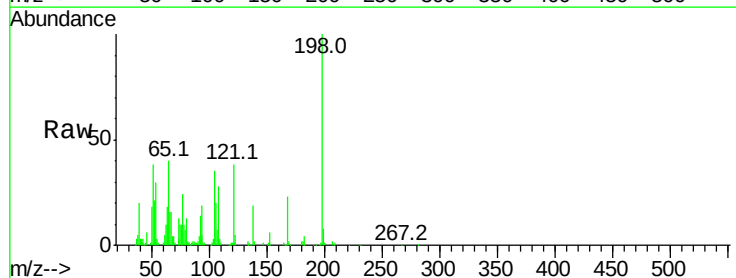
RT: 15.70 min Scan# 2145

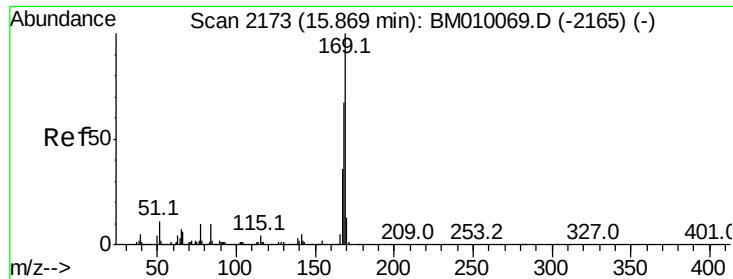
Delta R.T. -0.04 min

Lab File: BM010263.D

Acq: 26 May 2017 18:47

Tgt Ion:198	Resp:	168087
Ion Ratio	Lower	Upper
198 100		
51 38.1	28.8	68.8
105 35.5	30.5	70.5





#65

n-Nitrosodiphenylamine

Concen: 47.43 ng

RT: 15.83 min Scan# 2167

Delta R.T. -0.04 min

Lab File: BM010263.D

Acq: 26 May 2017 18:47

Instrument :

BNA_M

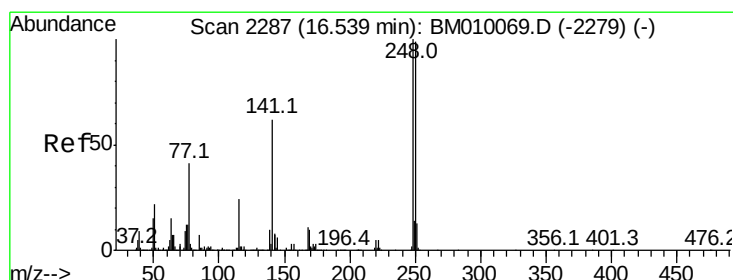
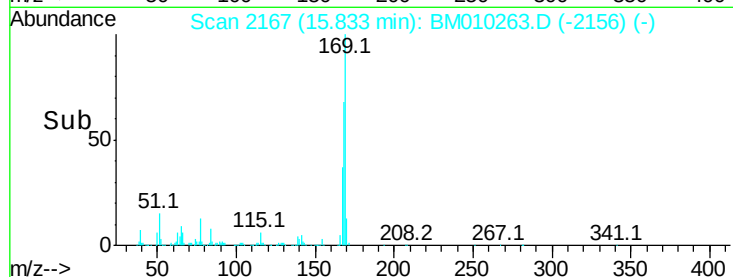
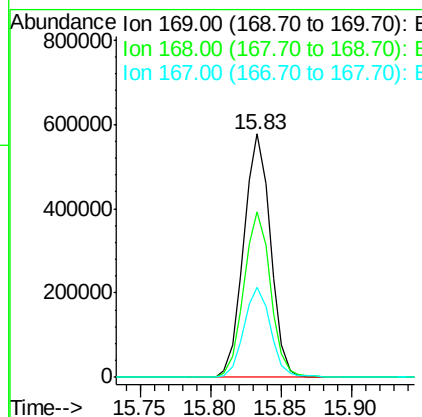
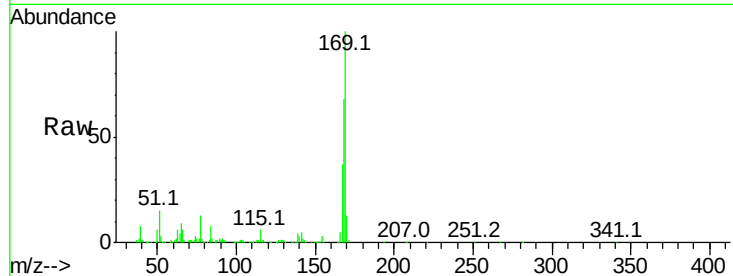
ClientSampleId :

PB99311BS

Tot Ion:	169	Resp:	769814
Ion Ratio	Lower	Upper	
169	100		
168	68.2	53.9	80.9
167	36.8	28.9	43.3

Manual Integrations
APPROVED

mohammad
5/30/2017 1:09:55 PM



#66

4-Bromophenyl-phenylether

Concen: 47.92 ng

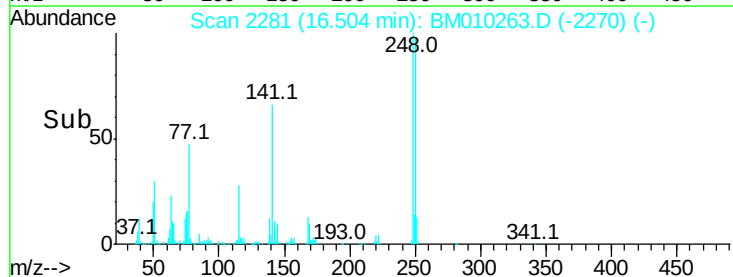
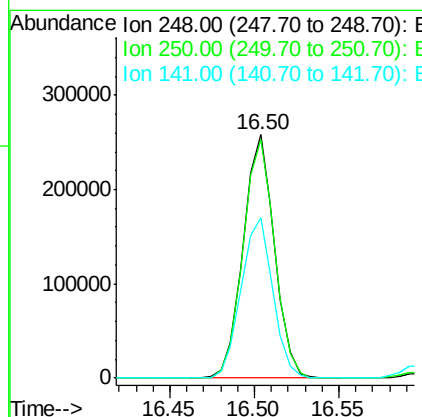
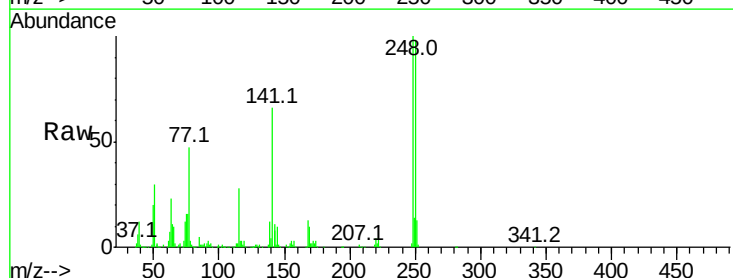
RT: 16.50 min Scan# 2281

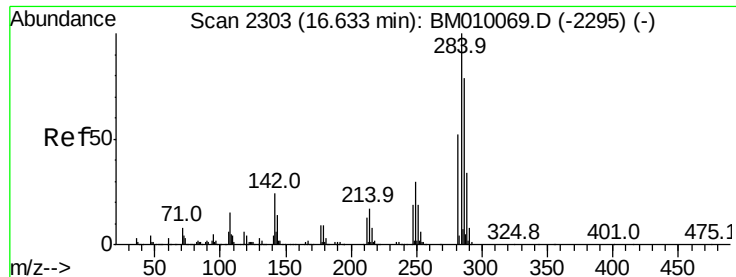
Delta R.T. -0.04 min

Lab File: BM010263.D

Acq: 26 May 2017 18:47

Tgt Ion:	248	Resp:	332216
Ion Ratio	Lower	Upper	
248	100		
250	98.0	77.4	116.0
141	65.6	45.2	67.8





#67

Hexachlorobenzene

Concen: 43.67 ng

RT: 16.60 min Scan# 2297

Delta R.T. -0.04 min

Lab File: BM010263.D

Acq: 26 May 2017 18:47

Instrument :

BNA_M

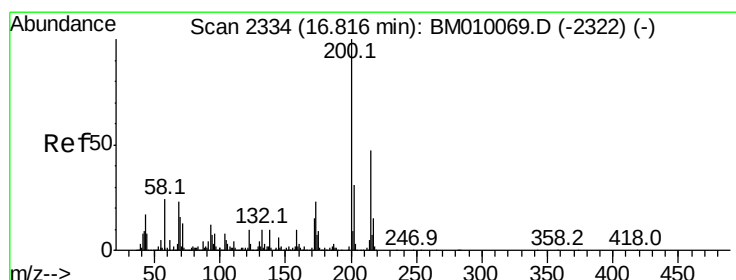
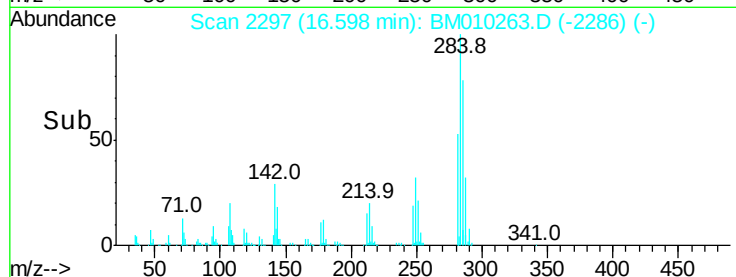
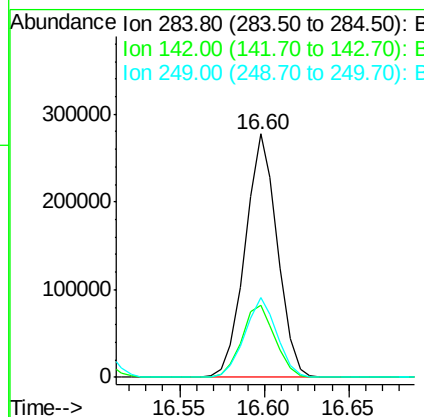
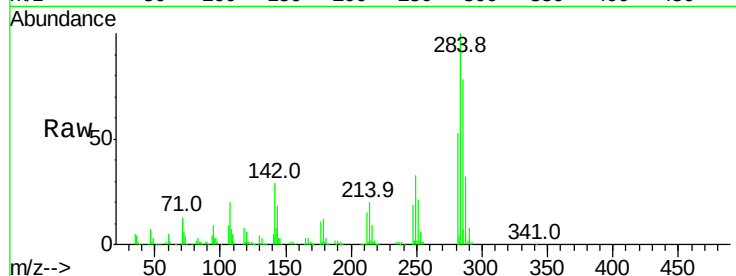
ClientSampleId :

PB99311BS

Tot Ion:	284	Resp:	367852
Ion Ratio	Lower	Upper	
284	100		
142	29.5	20.4	30.6
249	32.6	23.8	35.6

Manual Integrations
APPROVED

mohammad
5/30/2017 1:09:55 PM



#68

Atrazine

Concen: 47.13 ng

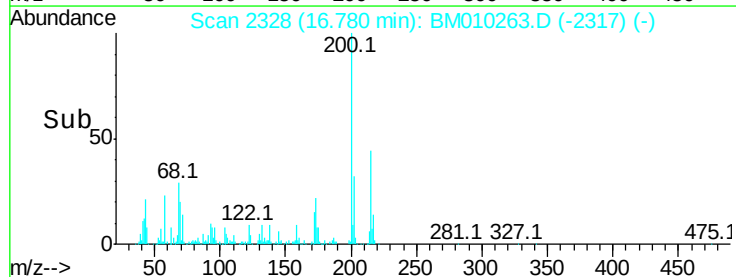
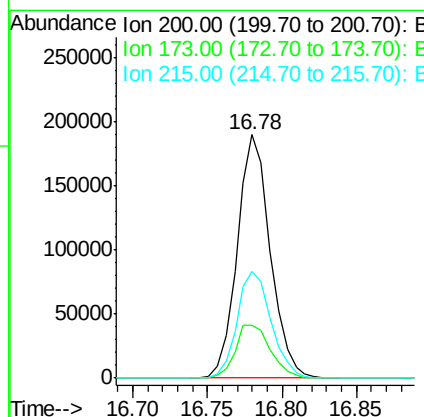
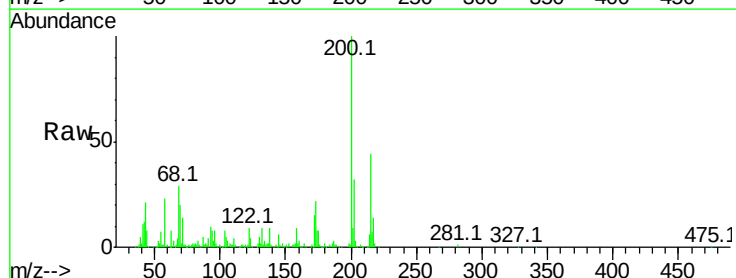
RT: 16.78 min Scan# 2328

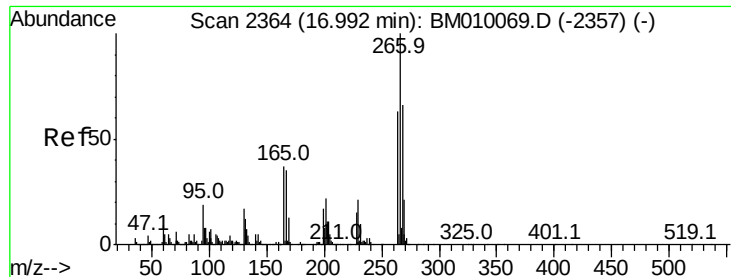
Delta R.T. -0.04 min

Lab File: BM010263.D

Acq: 26 May 2017 18:47

Tgt Ion:	200	Resp:	290082
Ion Ratio	Lower	Upper	
200	100		
173	21.8	4.8	44.8
215	44.1	26.9	66.9





#69

Pentachlorophenol

Concen: 98.96 ng

RT: 16.96 min Scan# 2359

Delta R.T. -0.03 min

Lab File: BM010263.D

Acq: 26 May 2017 18:47

Instrument :

BNA_M

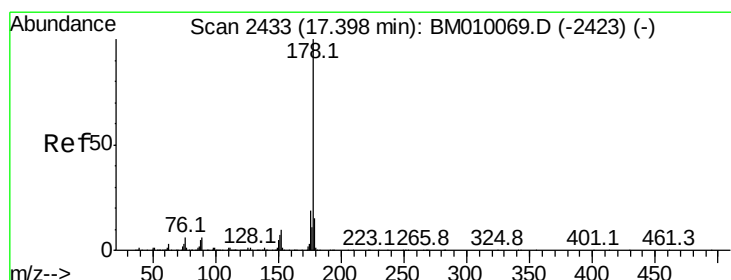
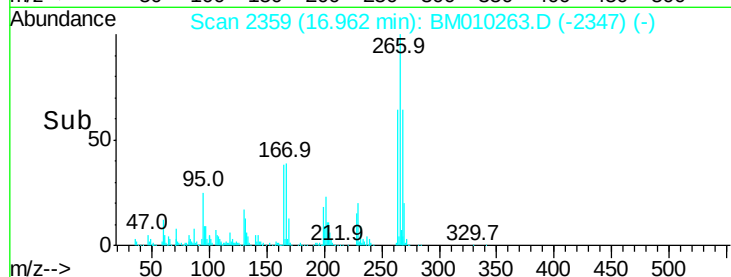
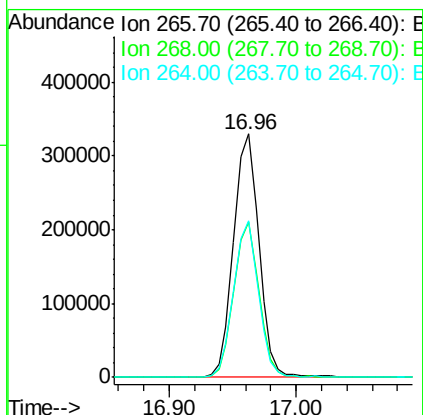
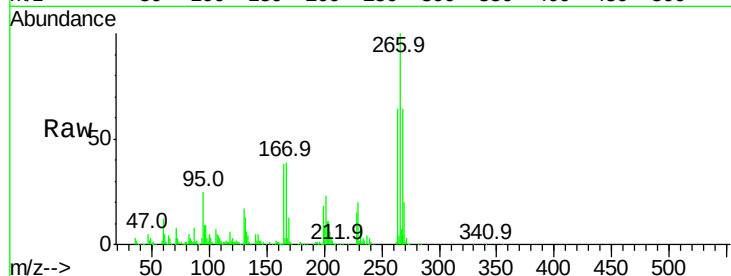
ClientSampleId :

PB99311BS

Tot Ion:	266	Resp:	457868
Ion Ratio		Lower	Upper
266	100		
268	63.8	52.0	78.0
264	64.3	49.0	73.4

Manual Integrations
APPROVED

mohammad
5/30/2017 1:09:55 PM



#70

Phenanthrene

Concen: 46.58 ng

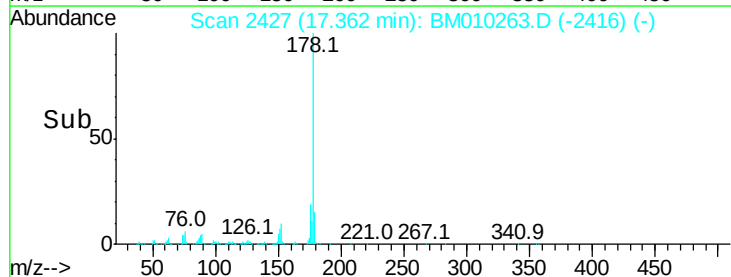
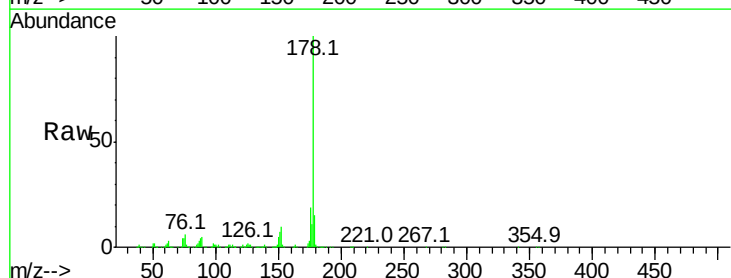
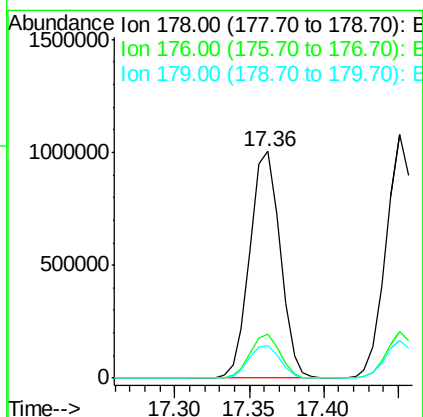
RT: 17.36 min Scan# 2427

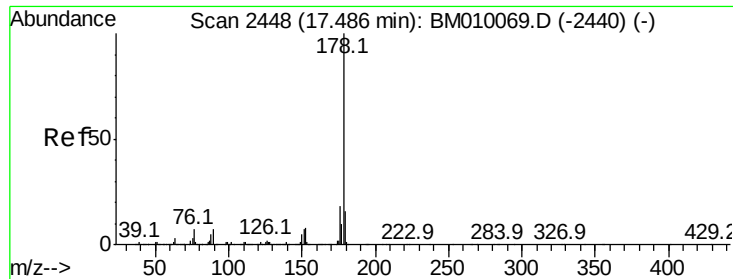
Delta R.T. -0.04 min

Lab File: BM010263.D

Acq: 26 May 2017 18:47

Tgt Ion:	178	Resp:	1411509
Ion Ratio		Lower	Upper
178	100		
176	19.4	15.2	22.8
179	14.5	12.1	18.1





#71

Anthracene

Concen: 48.25 ng

RT: 17.45 min Scan# 2442

Delta R.T. -0.04 min

Lab File: BM010263.D

Acq: 26 May 2017 18:47

Instrument :

BNA_M

ClientSampled :

PB99311BS

Tot Ion:178 Resp: 1450992

Ion Ratio Lower Upper

178 100

176 18.9 14.6 22.0

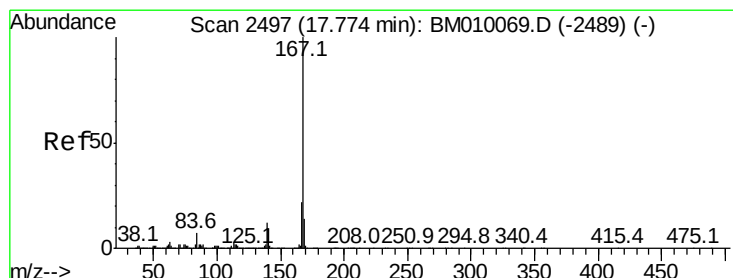
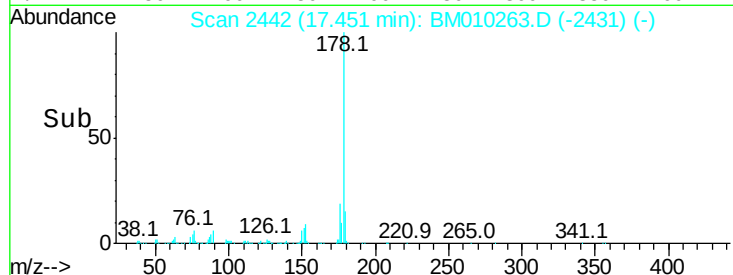
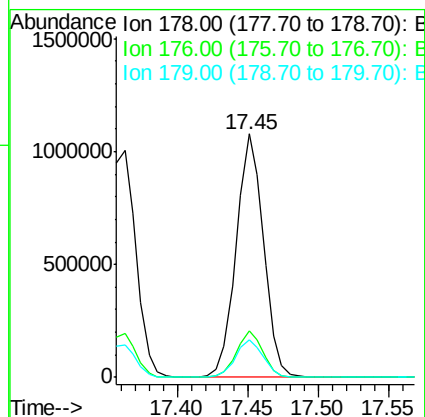
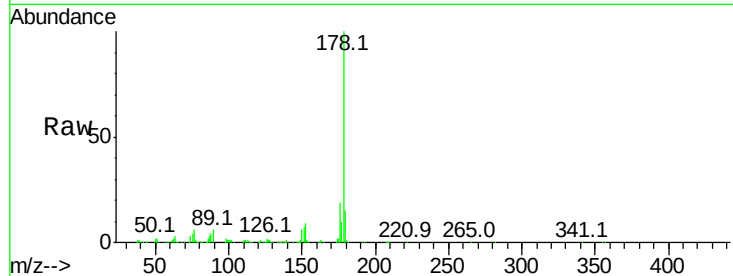
179 15.4 12.6 19.0

Manual Integrations

APPROVED

mohammad

5/30/2017 1:09:55 PM



#72

Carbazole

Concen: 47.06 ng

RT: 17.74 min Scan# 2491

Delta R.T. -0.04 min

Lab File: BM010263.D

Acq: 26 May 2017 18:47

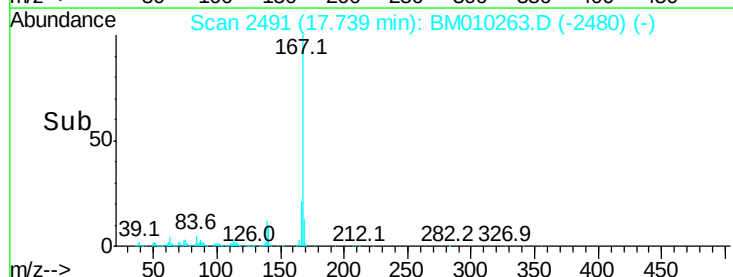
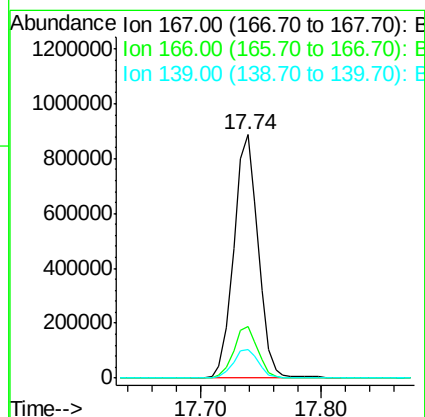
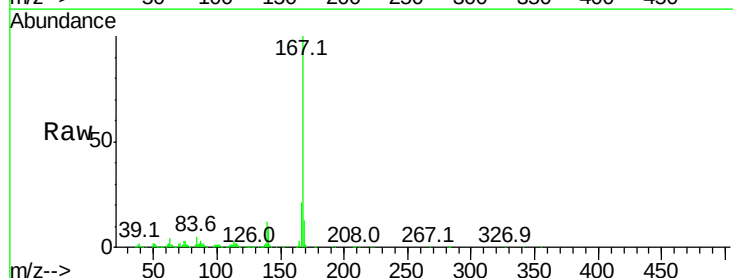
Tgt Ion:167 Resp: 1253011

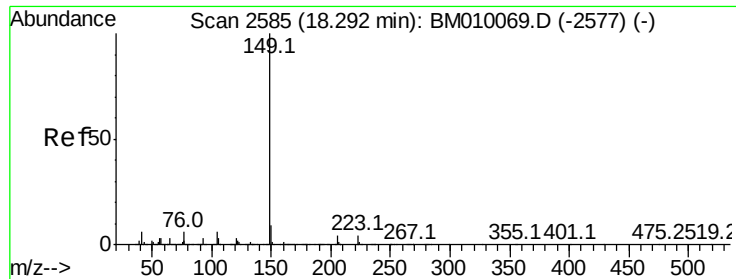
Ion Ratio Lower Upper

167 100

166 21.2 17.2 25.8

139 11.9 10.8 16.2





#73

Di-n-butylphthalate

Concen: 41.94 ng

RT: 18.26 min Scan# 2579

Delta R.T. -0.04 min

Lab File: BM010263.D

Acq: 26 May 2017 18:47

Instrument :

BNA_M

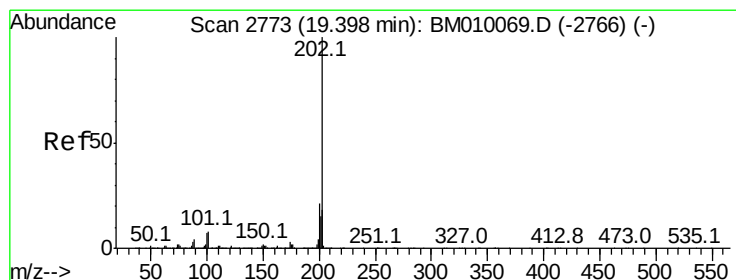
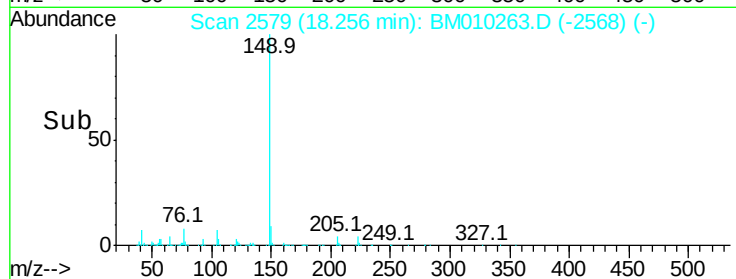
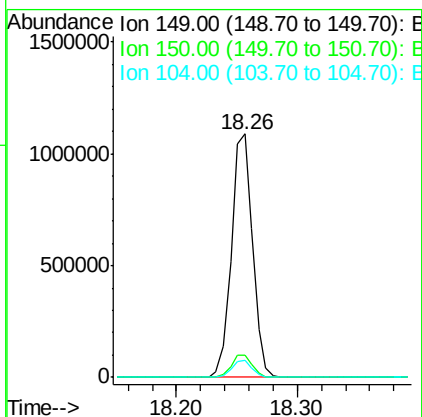
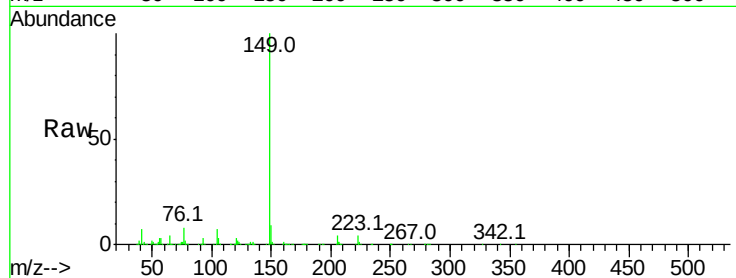
ClientSampled :

PB99311BS

Tot Ion:	149	Resp:	1323896
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.5	11.3
104	6.8	3.7	5.5

Manual Integrations
APPROVED

mohammad
5/30/2017 1:09:55 PM



#74

Fluoranthene

Concen: 45.64 ng

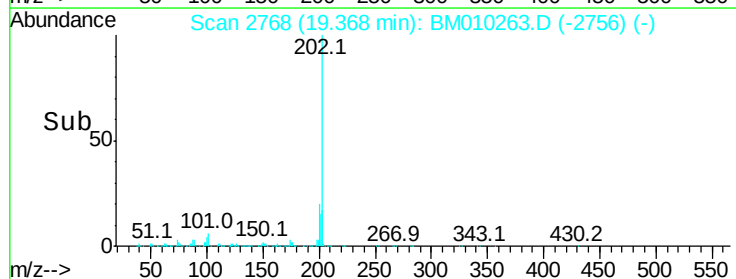
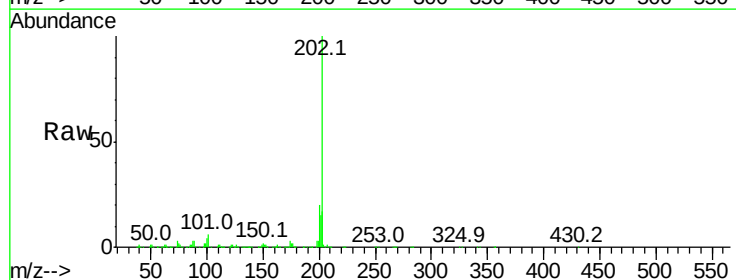
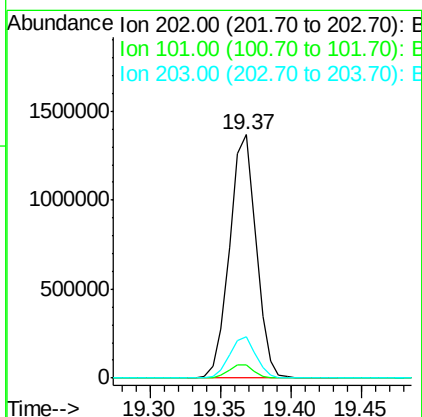
RT: 19.37 min Scan# 2768

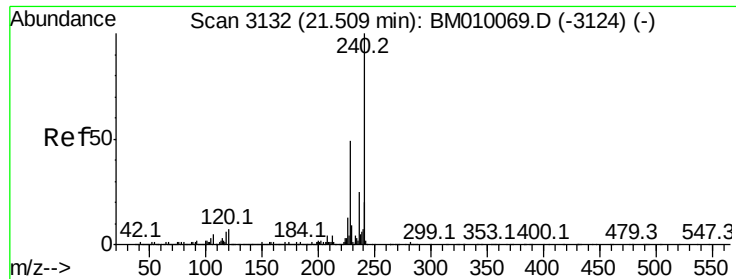
Delta R.T. -0.03 min

Lab File: BM010263.D

Acq: 26 May 2017 18:47

Tgt Ion:	202	Resp:	1795591
Ion Ratio	Lower	Upper	
202	100		
101	5.6	0.0	28.7
203	17.1	0.0	37.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.48 min Scan# 3127

Delta R.T. -0.03 min

Lab File: BM010263.D

Acq: 26 May 2017 18:47

Instrument :

BNA_M

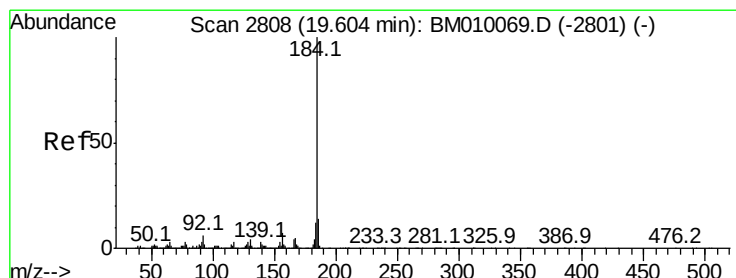
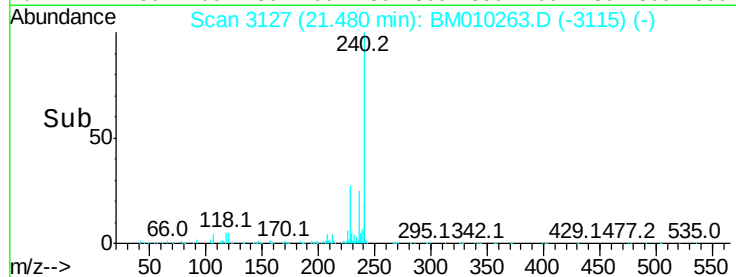
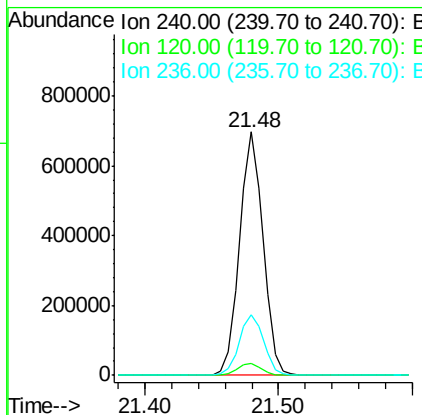
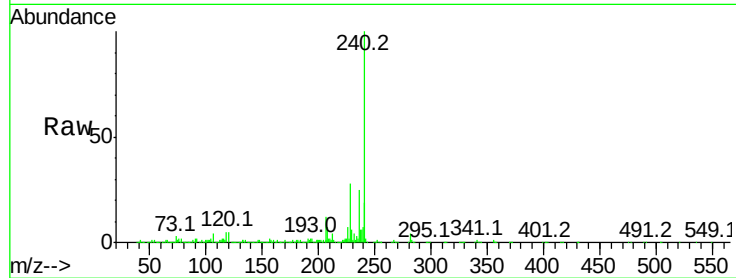
ClientSampleId :

PB99311BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	851734		
120	5.1	8.2	12.2#	
236	24.9	20.0	30.0	

Manual Integrations
APPROVED

mohammad
5/30/2017 1:09:55 PM



#76

Benzidine

Concen: 47.18 ng

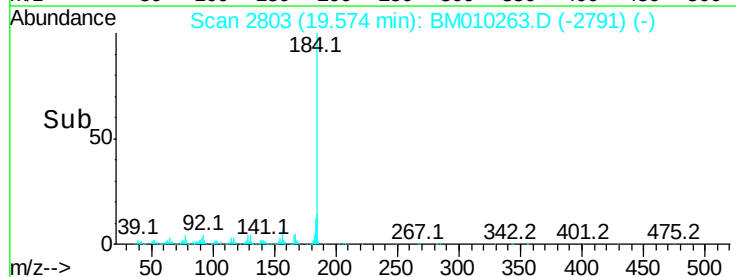
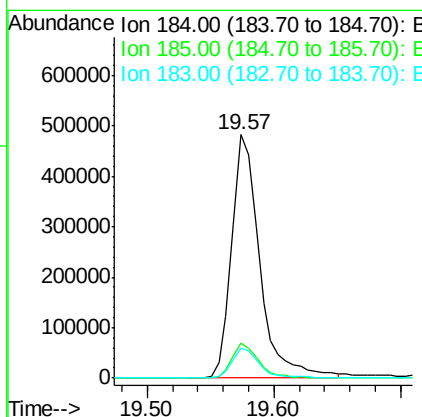
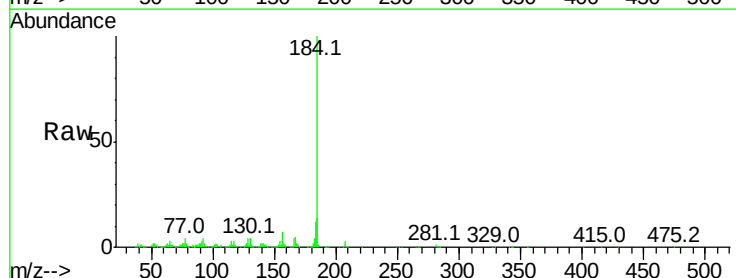
RT: 19.57 min Scan# 2803

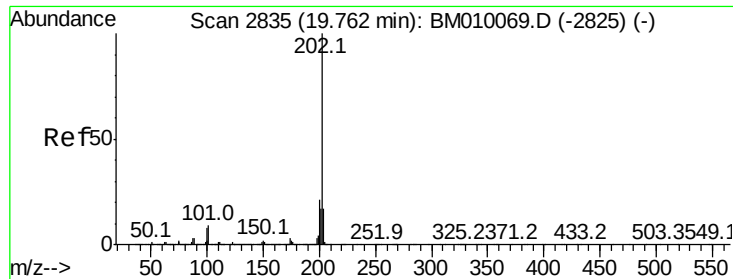
Delta R.T. -0.03 min

Lab File: BM010263.D

Acq: 26 May 2017 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	741189		
185	14.4	11.3	16.9	
183	12.3	8.9	13.3	





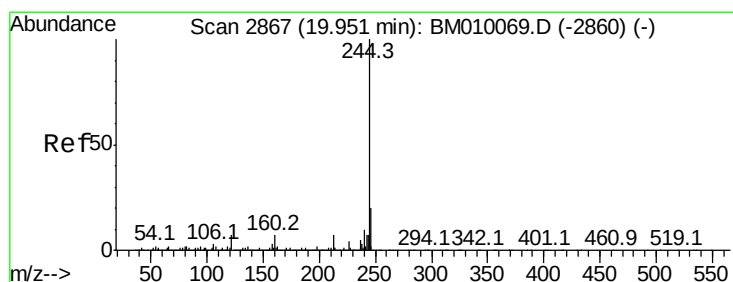
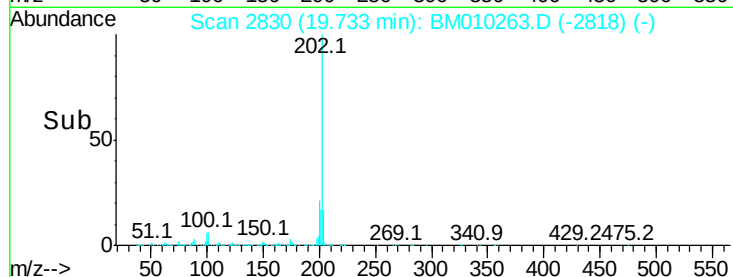
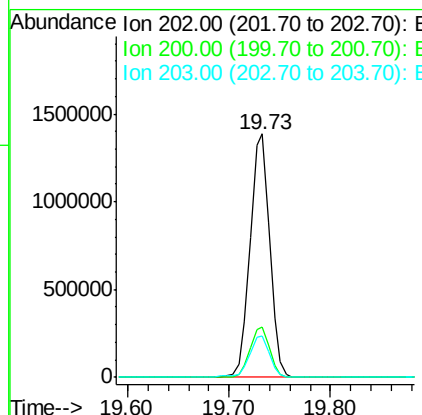
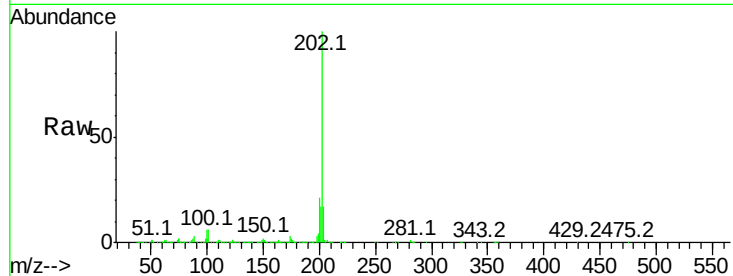
#77
Pvrene
Concen: 40.78 ng
RT: 19.73 min Scan# 2830
Delta R.T. -0.03 min
Lab File: BM010263.D
Acq: 26 May 2017 18:47

Instrument :
BNA_M
ClientSampleId :
PB99311BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.9	25.3
203	17.0	14.1	21.1

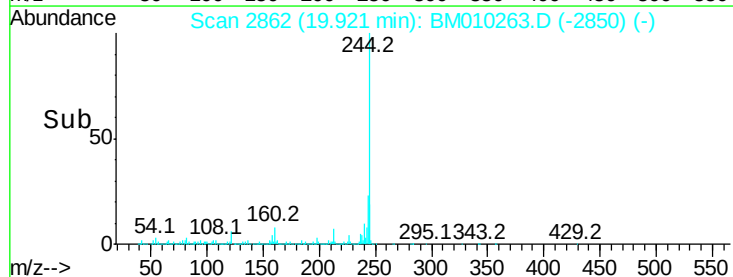
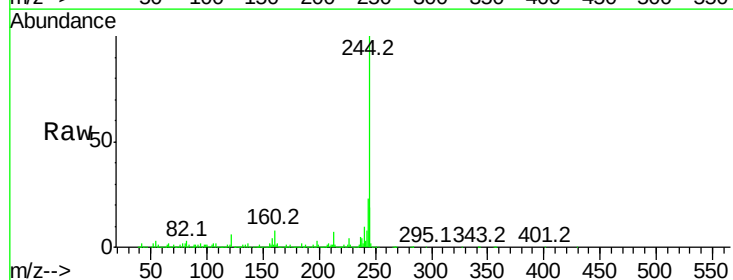
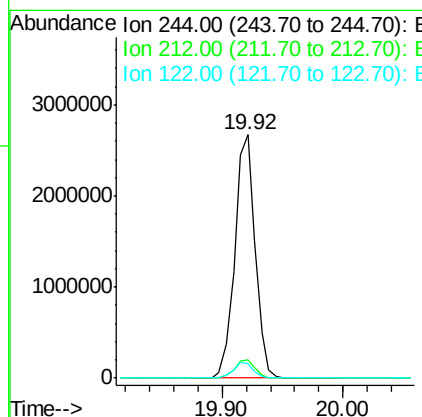
Manual Integrations
APPROVED

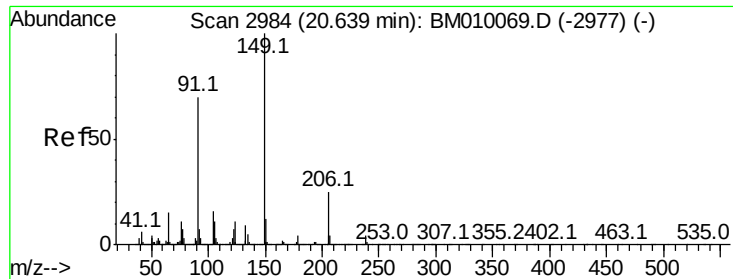
mohammad
5/30/2017 1:09:55 PM



#78
Terphenyl-d14
Concen: 83.61 ng
RT: 19.92 min Scan# 2862
Delta R.T. -0.03 min
Lab File: BM010263.D
Acq: 26 May 2017 18:47

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	4.9	7.3#
122	6.0	6.2	9.4#





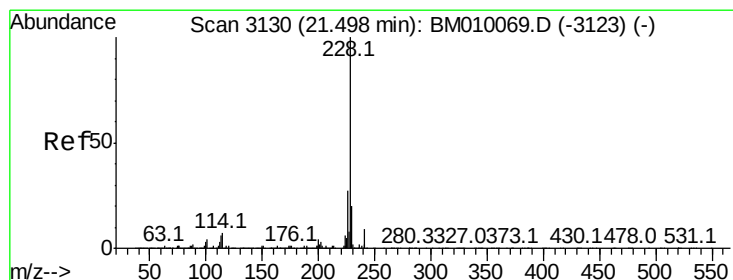
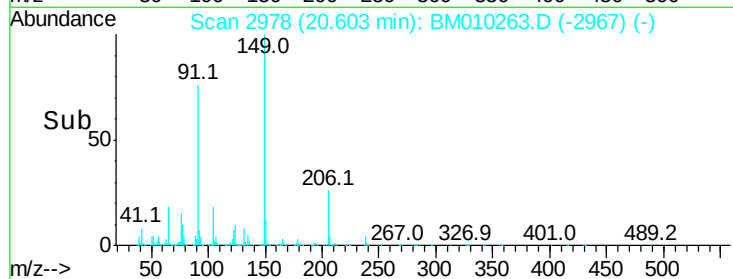
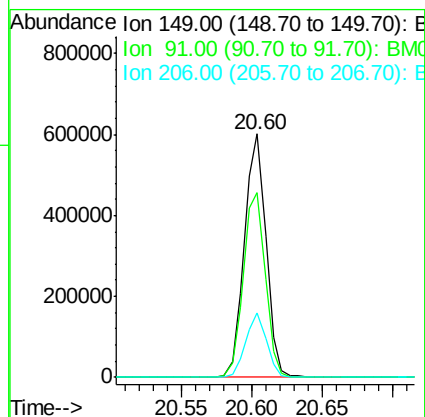
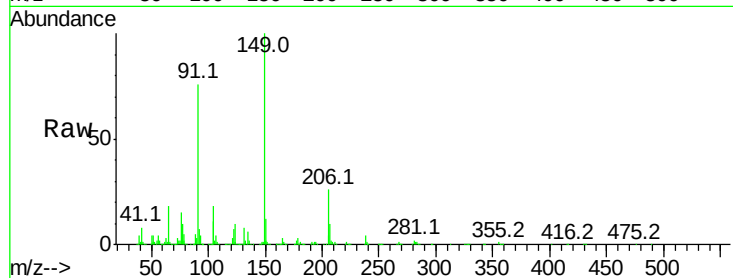
#79
Butylbenzylphthalate
Concen: 38.02 ng
RT: 20.60 min Scan# 2978
Delta R.T. -0.04 min
Lab File: BM010263.D
Acq: 26 May 2017 18:47

Instrument :
BNA_M
ClientSampleId :
PB99311BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	76.1	50.1	75.1#
206	26.2	16.2	24.2#

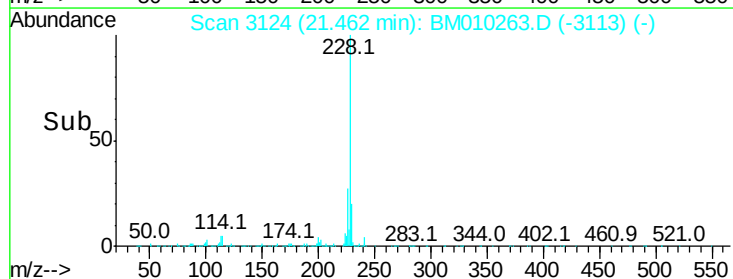
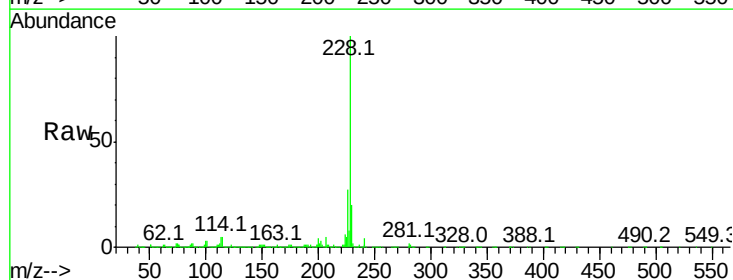
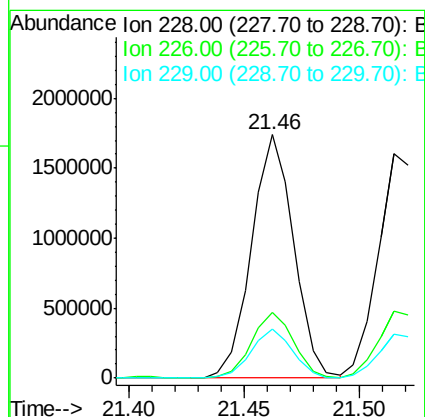
Manual Integrations
APPROVED

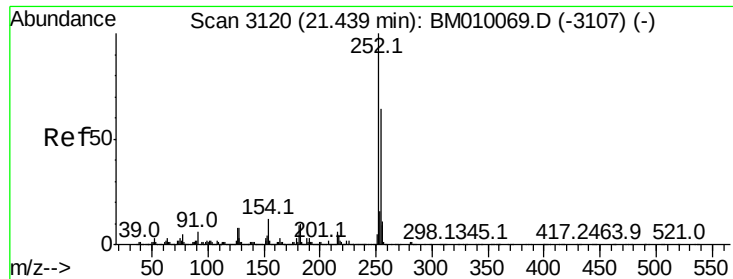
mohammad
5/30/2017 1:09:55 PM



#80
Benzo(a)anthracene
Concen: 47.00 ng
RT: 21.46 min Scan# 3124
Delta R.T. -0.04 min
Lab File: BM010263.D
Acq: 26 May 2017 18:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.7	32.5
229	20.1	16.0	24.0





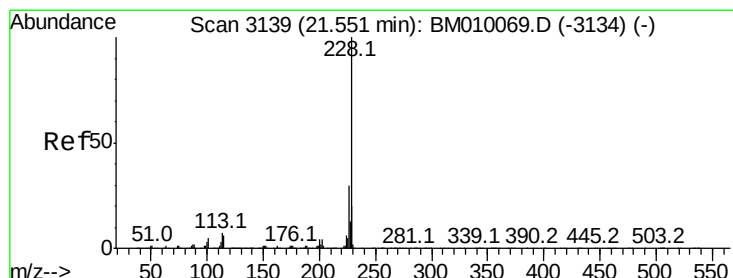
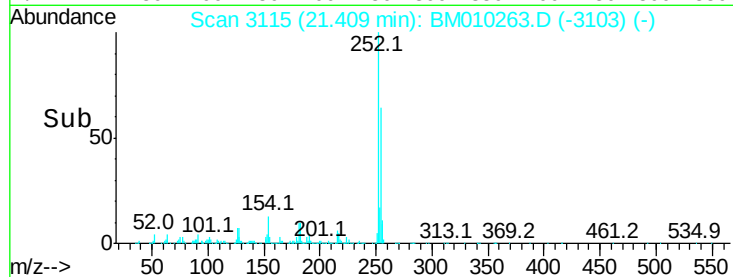
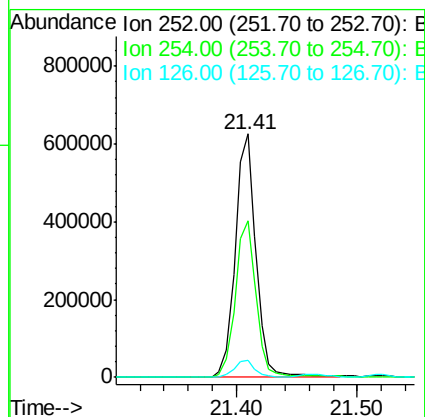
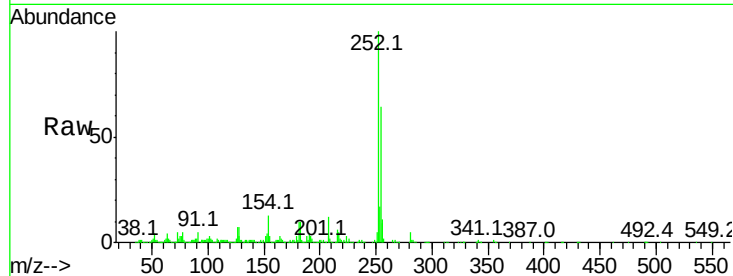
#81
 3,3'-Dichlorobenzidine
 Concen: 39.67 ng
 RT: 21.41 min Scan# 3115
 Delta R.T. -0.03 min
 Lab File: BM010263.D
 Acq: 26 May 2017 18:47

Instrument :
 BNA_M
 ClientSampleId :
 PB99311BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.9	77.9
126	7.1	9.8	14.8

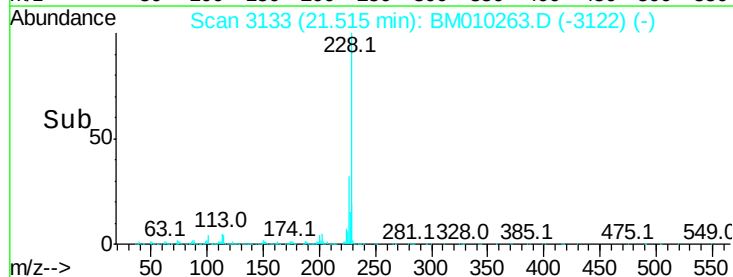
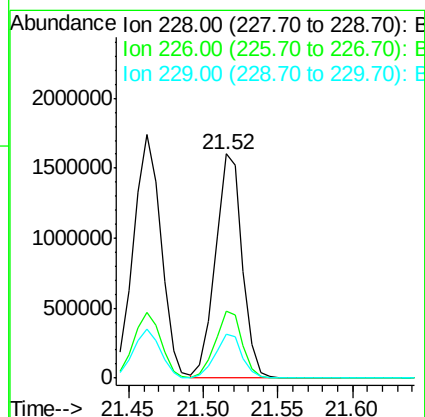
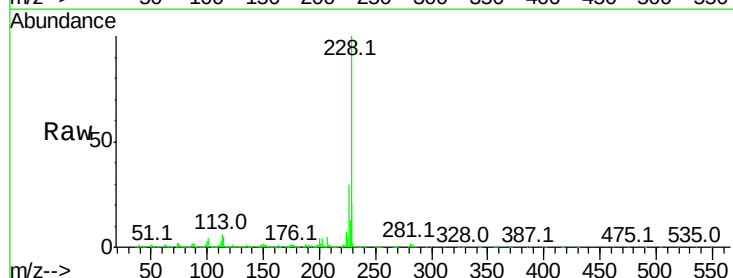
Manual Integrations
 APPROVED

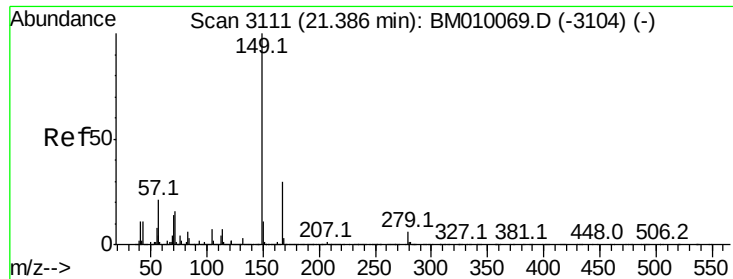
mohammad
 5/30/2017 1:09:55 PM



#82
 Chrysene
 Concen: 45.10 ng
 RT: 21.52 min Scan# 3133
 Delta R.T. -0.04 min
 Lab File: BM010263.D
 Acq: 26 May 2017 18:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.1	36.1
229	19.7	15.5	23.3





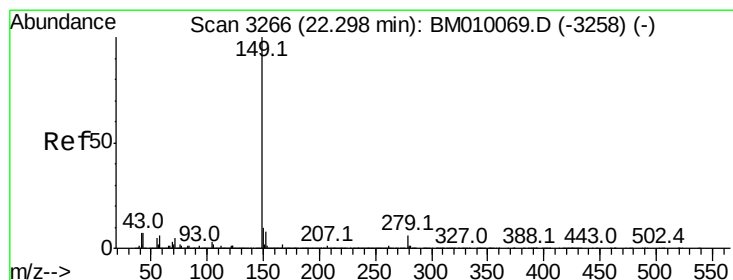
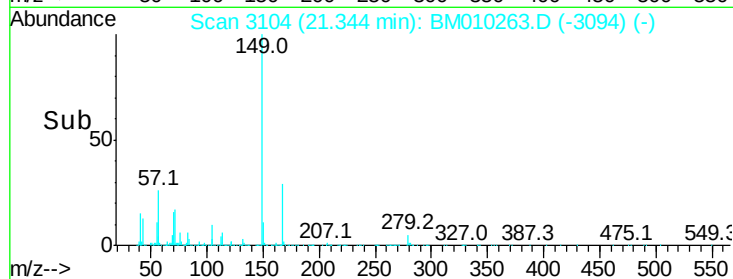
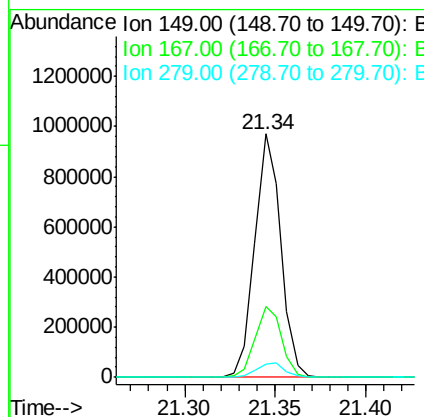
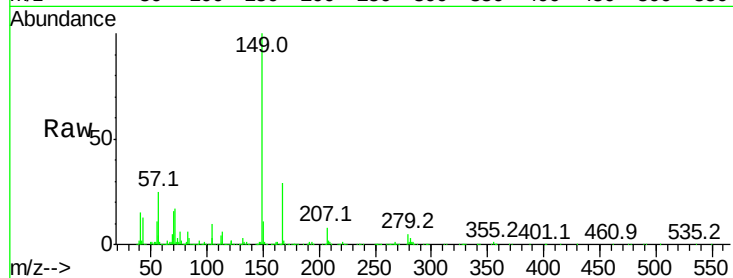
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.05 ng
 RT: 21.34 min Scan# 3104
 Delta R.T. -0.04 min
 Lab File: BM010263.D
 Acq: 26 May 2017 18:47

Instrument :
 BNA_M
 ClientSampleId :
 PB99311BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.0	22.4	33.6
279	5.5	3.4	5.0#

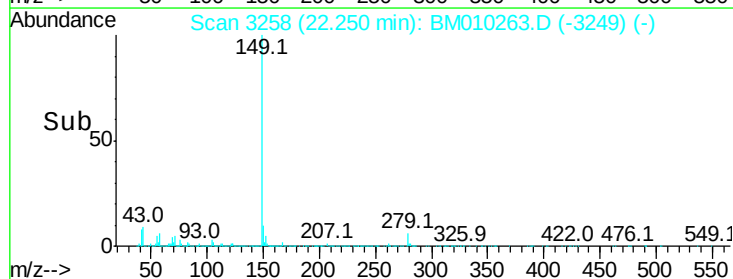
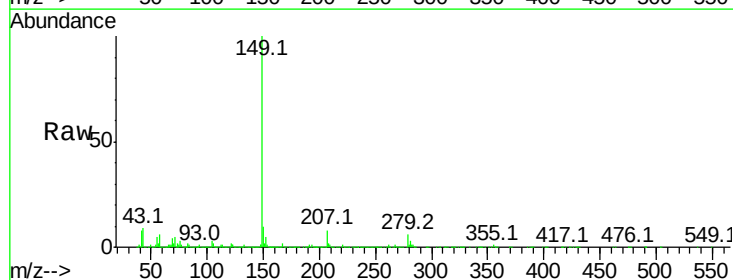
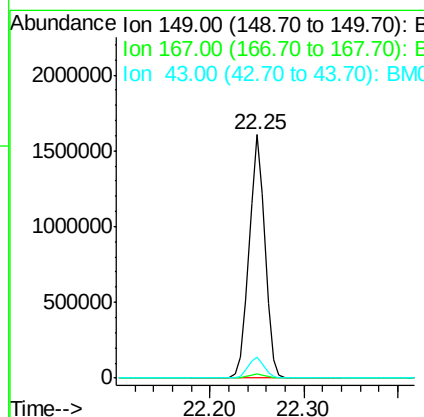
Manual Integrations
 APPROVED

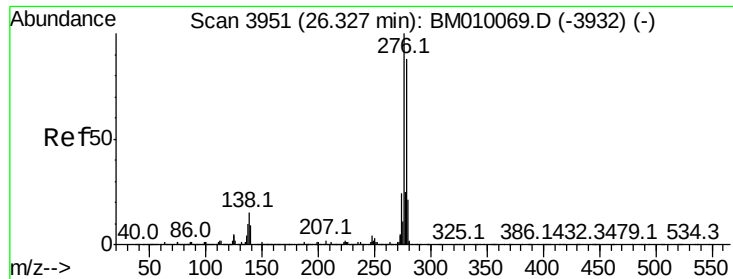
mohammad
 5/30/2017 1:09:55 PM



#84
 Di-n-octyl phthalate
 Concen: 41.34 ng
 RT: 22.25 min Scan# 3258
 Delta R.T. -0.05 min
 Lab File: BM010263.D
 Acq: 26 May 2017 18:47

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.2	1.8#
43	8.7	7.3	10.9





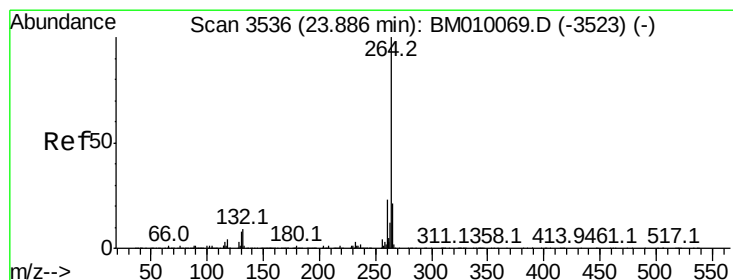
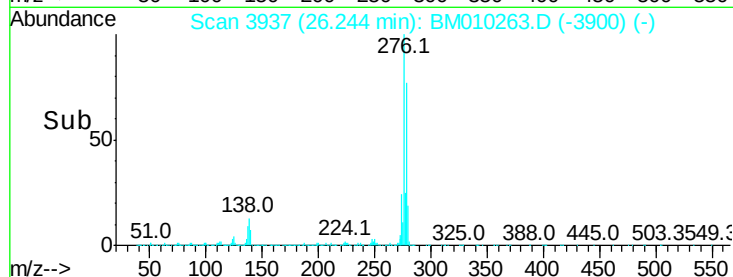
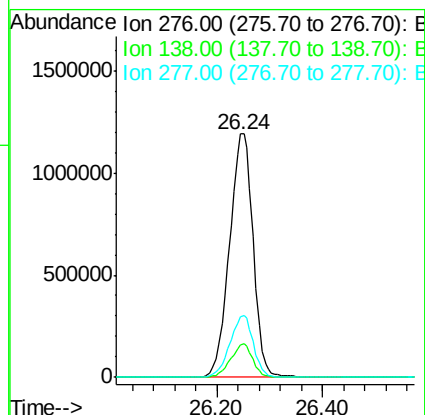
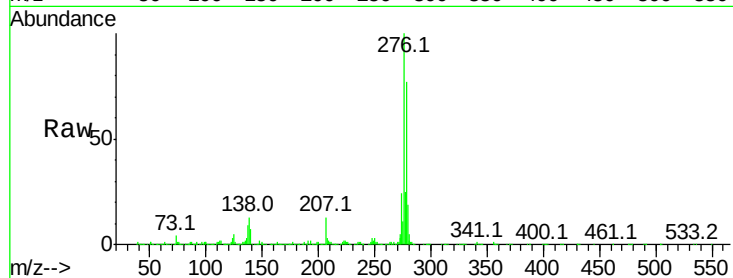
#85
Indeno(1,2,3-cd)pyrene
Concen: 56.61 ng
RT: 26.24 min Scan# 3937
Delta R.T. -0.08 min
Lab File: BM010263.D
Acq: 26 May 2017 18:47

Instrument :
BNA_M
ClientSampleId :
PB99311BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.0	0.0	0.0#
277	25.0	0.0	0.0#

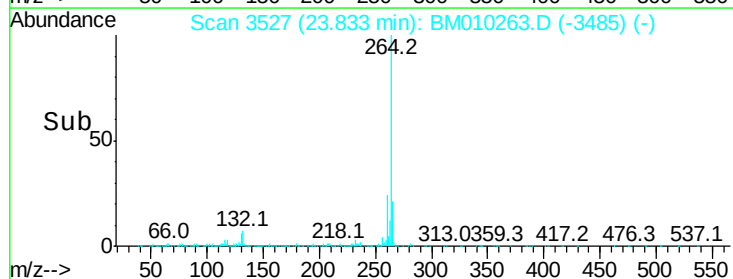
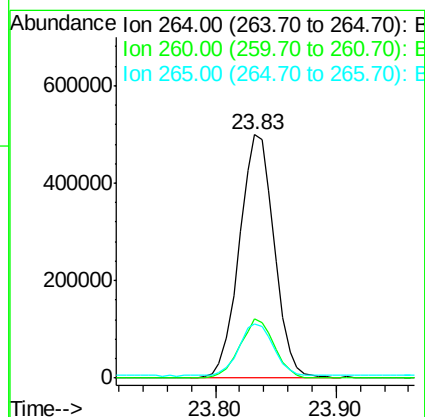
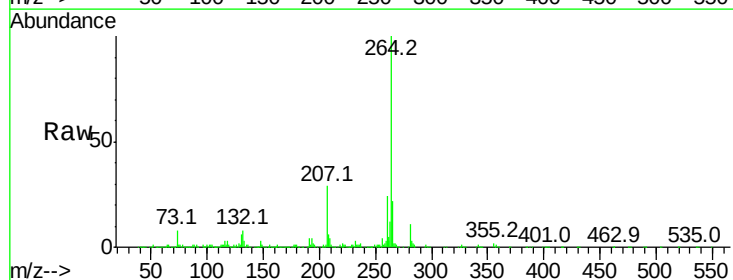
Manual Integrations
APPROVED

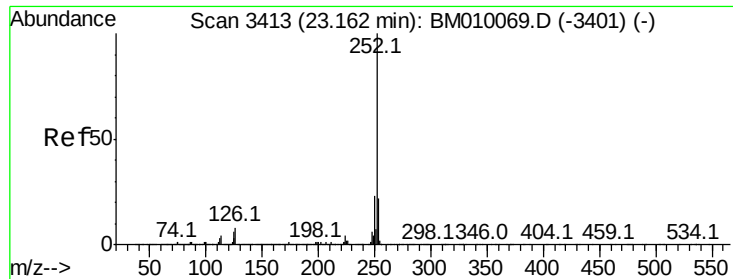
mohammad
5/30/2017 1:09:55 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.83 min Scan# 3527
Delta R.T. -0.05 min
Lab File: BM010263.D
Acq: 26 May 2017 18:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.6	27.8
265	22.2	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 46.63 ng

RT: 23.11 min Scan# 3405

Delta R.T. -0.05 min

Lab File: BM010263.D

Acq: 26 May 2017 18:47

Instrument :

BNA_M

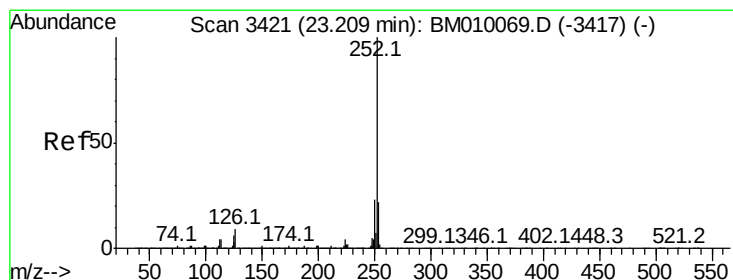
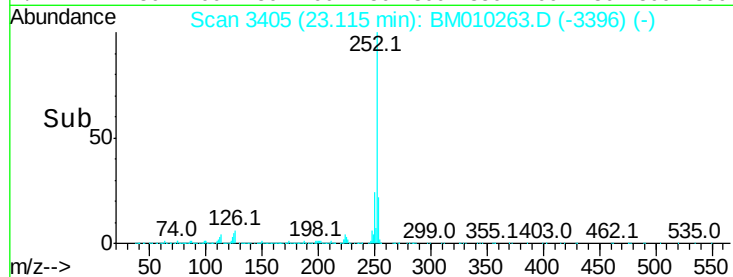
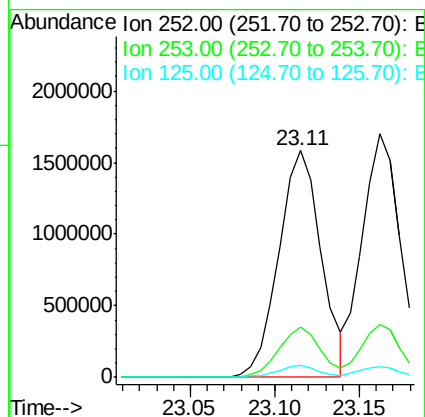
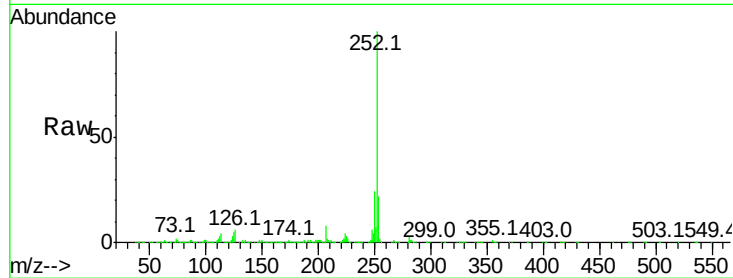
ClientSampleId :

PB99311BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	5.1	9.9	14.9

Manual Integrations
APPROVED

mohammad
5/30/2017 1:09:55 PM



#88

Benzo(k)fluoranthene

Concen: 46.32 ng

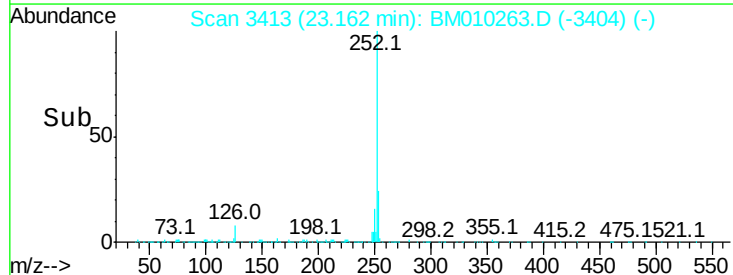
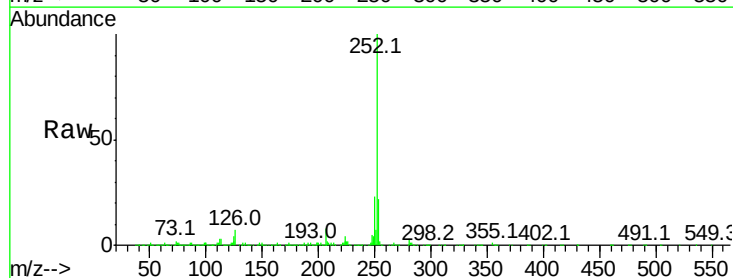
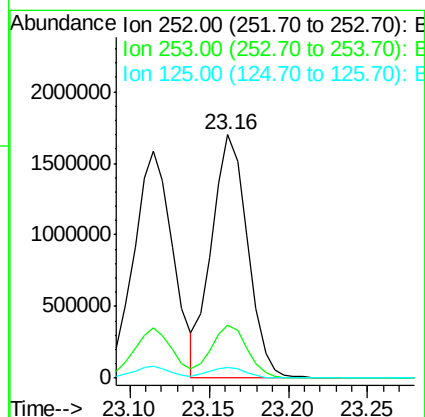
RT: 23.16 min Scan# 3413

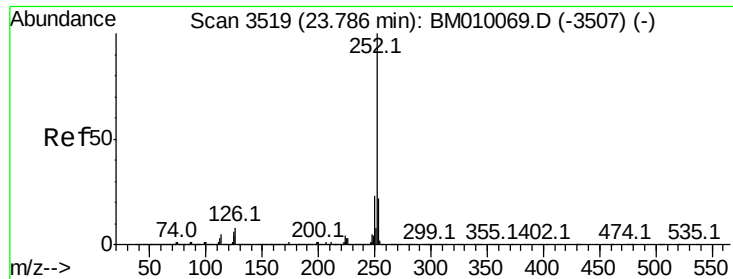
Delta R.T. -0.05 min

Lab File: BM010263.D

Acq: 26 May 2017 18:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	4.4	8.1	12.1





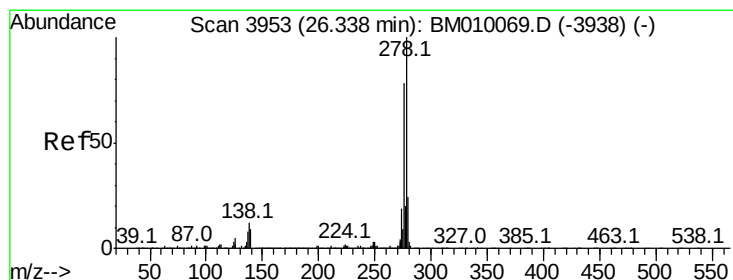
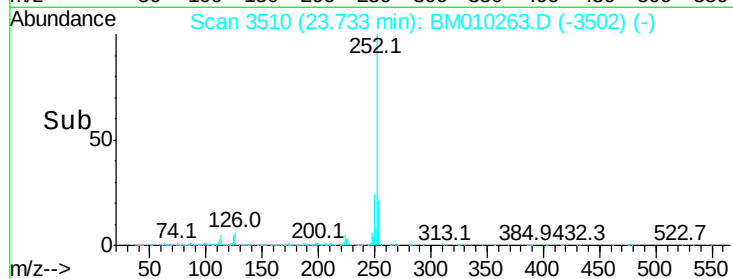
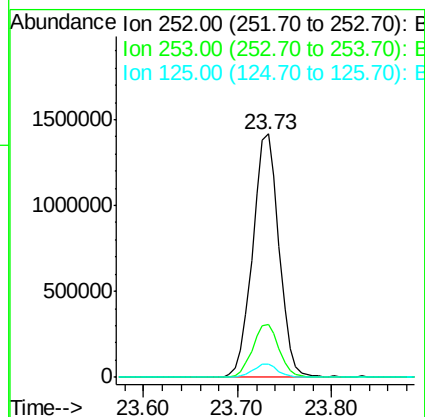
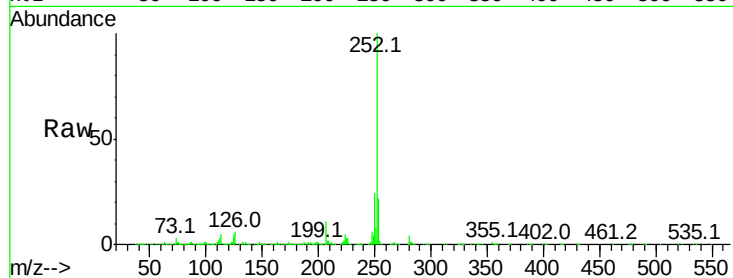
#89
Benzo(a)pyrene
Concen: 48.84 ng
RT: 23.73 min Scan# 3510
Delta R.T. -0.05 min
Lab File: BM010263.D
Acq: 26 May 2017 18:47

Instrument :
BNA_M
ClientSampleId :
PB99311BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	5.2	7.4	11.2

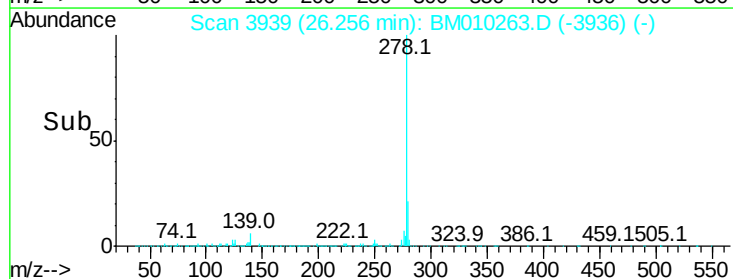
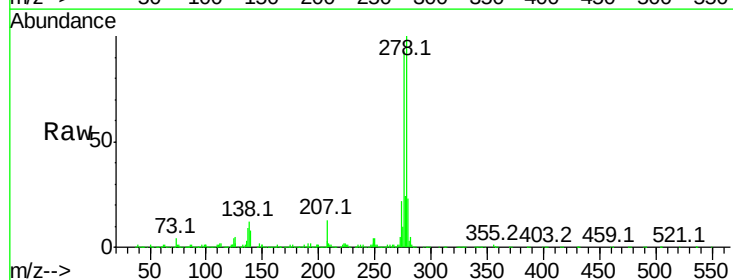
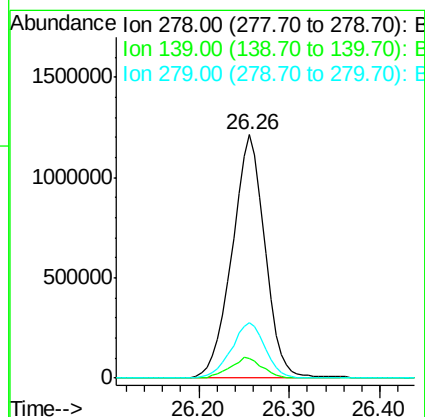
Manual Integrations
APPROVED

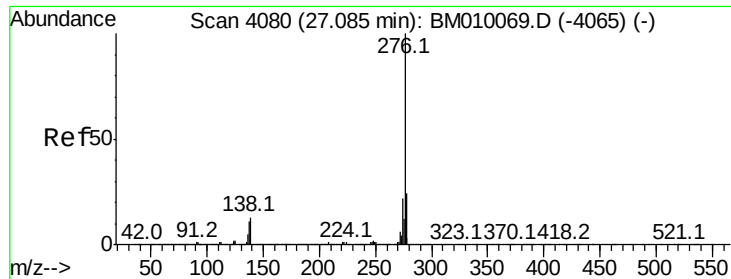
mohammad
5/30/2017 1:09:55 PM



#90
Dibenzo(a,h)anthracene
Concen: 47.95 ng
RT: 26.26 min Scan# 3939
Delta R.T. -0.08 min
Lab File: BM010263.D
Acq: 26 May 2017 18:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	7.8	13.4	20.0
279	22.5	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 48.71 ng
 RT: 27.00 min Scan# 4065
 Delta R.T. -0.09 min
 Lab File: BM010263.D
 Acq: 26 May 2017 18:47

Instrument :
 BNA_M
 ClientSampleId :
 PB99311BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.5	27.7
138	11.2	19.0	28.6

Manual Integrations
 APPROVED

mohammad
 5/30/2017 1:09:55 PM

