

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051419\
 Data File : BM020339.D
 Acq On : 14 May 2019 19:06
 Operator : JU/SJ
 Sample : PB119718BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB119718BS

Manual Integrations
 APPROVED

mohammad
 5/15/2019 8:19:27 AM

Quant Time: May 15 04:10:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	66209	20.00	ng	-0.04
21) Naphthalene-d8	10.55	136	233141	20.00	ng	-0.04
39) Acenaphthene-d10	14.40	164	139893	20.00	ng	-0.03
64) Phenanthrene-d10	17.16	188	342919	20.00	ng	-0.02
76) Chrysene-d12	21.35	240	373306	20.00	ng	-0.02
87) Perylene-d12	23.63	264	435002	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	325457	80.35	ng	-0.02
7) Phenol-d6	6.93	99	413884	74.80	ng	-0.02
23) Nitrobenzene-d5	8.93	82	442698	74.97	ng	-0.03
42) 2,4,6-Tribromophenol	15.90	330	190599	87.78	ng	-0.02
45) 2-Fluorobiphenyl	13.02	172	904997	79.59	ng	-0.04
79) Terphenyl-d14	19.79	244	1500407	70.10	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	60288	30.348	ng	91
3) Pyridine	3.68	79	166626	32.796	ng	93
4) n-Nitrosodimethylamine	3.60	42	51845	31.822	ng	# 54
6) Aniline	7.09	93	120046	17.234	ng	100
8) 2-Chlorophenol	7.32	128	163060	36.972	ng	98
9) Benzaldehyde	6.92	77	82268	19.643	ng	94
10) Phenol	6.96	94	215330	36.147	ng	88
11) bis(2-Chloroethyl)ether	7.19	93	160400	37.047	ng	96
12) 1,3-Dichlorobenzene	7.65	146	185460	36.142	ng	92
13) 1,4-Dichlorobenzene	7.79	146	188946	36.450	ng	97
14) 1,2-Dichlorobenzene	8.10	146	182626	36.979	ng	97
15) Benzyl Alcohol	8.00	79	157441	29.507	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.29	45	124478	34.672	ng	96
17) 2-Methylphenol	8.20	107	139429	36.359	ng	93
18) Hexachloroethane	8.82	117	69741	32.266	ng	96
19) n-Nitroso-di-n-propylamine	8.56	70	148538	31.375	ng	94
20) 3+4-Methylphenols	8.53	107	176480	34.627	ng	94
22) Acetophenone	8.59	105	252345	39.604	ng	# 97
24) Nitrobenzene	8.97	77	218481	35.683	ng	94
25) Isophorone	9.49	82	384142	37.722	ng	98
26) 2-Nitrophenol	9.67	139	76218	41.233	ng	90
27) 2,4-Dimethylphenol	9.73	122	136548	44.371	ng	97
28) bis(2-Chloroethoxy)methane	9.97	93	209018	37.686	ng	99
29) 2,4-Dichlorophenol	10.20	162	150721	38.840	ng	98
30) 1,2,4-Trichlorobenzene	10.41	180	186852	39.133	ng	98
31) Naphthalene	10.60	128	472664	39.068	ng	100
32) Benzoic acid	9.86	122	70897	34.530	ng	92
33) 4-Chloroaniline	10.73	127	68141	13.684	ng	97
34) Hexachlorobutadiene	10.86	225	124349	36.814	ng	100
35) Caprolactam	11.53	113	45124m	38.889	ng	
36) 4-Chloro-3-methylphenol	11.85	107	166812	36.580	ng	95
37) 2-Methylnaphthalene	12.22	142	350101	39.693	ng	97
38) 1-Methylnaphthalene	12.44	142	333665	38.686	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.59	216	216458	39.549	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051419\
 Data File : BM020339.D
 Acq On : 14 May 2019 19:06
 Operator : JU/SJ
 Sample : PB119718BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 PB119718BS

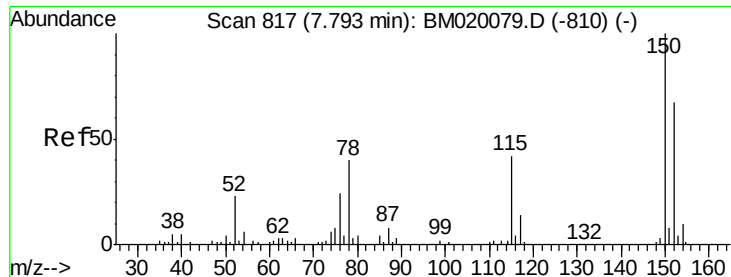
Manual Integrations
 APPROVED

mohammad
 5/15/2019 8:19:27 AM

Quant Time: May 15 04:10:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.55	237	133175	41.325	ng	97
43) 2,4,6-Trichlorophenol	12.83	196	137262	44.128	ng	97
44) 2,4,5-Trichlorophenol	12.90	196	146409	42.133	ng	97
46) 1,1'-Biphenyl	13.23	154	458532	39.822	ng	99
47) 2-Chloronaphthalene	13.28	162	368169	40.047	ng	98
48) 2-Nitroaniline	13.50	65	113084	34.551	ng	88
49) Acenaphthylene	14.13	152	574068	39.017	ng	99
50) Dimethylphthalate	13.87	163	464414	39.060	ng	99
51) 2,6-Dinitrotoluene	14.00	165	100144	39.990	ng	88
52) Acenaphthene	14.47	154	333180	39.489	ng	98
53) 3-Nitroaniline	14.33	138	41693	17.938	ng	93
54) 2,4-Dinitrophenol	14.54	184	28998	29.141	ng	91
55) Dibenzofuran	14.81	168	569909	40.045	ng	96
56) 4-Nitrophenol	14.64	139	140224	70.711	ng	85
57) 2,4-Dinitrotoluene	14.79	165	136638	40.154	ng	# 93
58) Fluorene	15.46	166	458758	39.250	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.03	232	145019	43.916	ng	96
60) Diethylphthalate	15.23	149	458333	38.262	ng	100
61) 4-Chlorophenyl-phenylether	15.45	204	262787	39.681	ng	95
62) 4-Nitroaniline	15.50	138	70102m	27.330	ng	
63) Azobenzene	15.74	77	505532	35.773	ng	96
65) 4,6-Dinitro-2-methylphenol	15.54	198	24640	19.278	ng	97
66) n-Nitrosodiphenylamine	15.67	169	401406	39.780	ng	98
67) 4-Bromophenyl-phenylether	16.34	248	164213	39.051	ng	96
68) Hexachlorobenzene	16.45	284	191331	39.540	ng	96
69) Atrazine	16.63	200	153729	38.984	ng	96
70) Pentachlorophenol	16.80	266	250777	90.577	ng	98
71) Phenanthrene	17.20	178	756120	39.944	ng	99
72) Anthracene	17.29	178	768225	40.591	ng	98
73) Carbazole	17.57	167	672989	39.409	ng	98
74) Di-n-butylphthalate	18.12	149	807529	39.293	ng	98
75) Fluoranthene	19.22	202	974521	40.689	ng	99
77) Benzidine	19.42	184	625184	52.383	ng	99
78) Pyrene	19.59	202	1000757	39.929	ng	100
80) Butylbenzylphthalate	20.48	149	387967	42.567	ng	99
81) Benzo(a)anthracene	21.33	228	993313	37.942	ng	99
82) 3,3'-Dichlorobenzidine	21.27	252	362907	36.320	ng	99
83) Chrysene	21.39	228	983984	38.755	ng	100
84) Bis(2-ethylhexyl)phthalate	21.24	149	565672	39.996	ng	100
85) Di-n-octyl phthalate	22.14	149	988515	42.053	ng	97
86) Indeno(1,2,3-cd)pyrene	25.96	276	1248458	41.339	ng	# 100
88) Benzo(b)fluoranthene	22.94	252	1043841	36.339	ng	99
89) Benzo(k)fluoranthene	22.99	252	1073422	40.966	ng	99
90) Benzo(a)pyrene	23.53	252	1037824	39.776	ng	98
91) Dibenzo(a,h)anthracene	25.97	278	1073167	39.550	ng	100
92) Benzo(g,h,i)perylene	26.67	276	1037160	40.260	ng	99

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



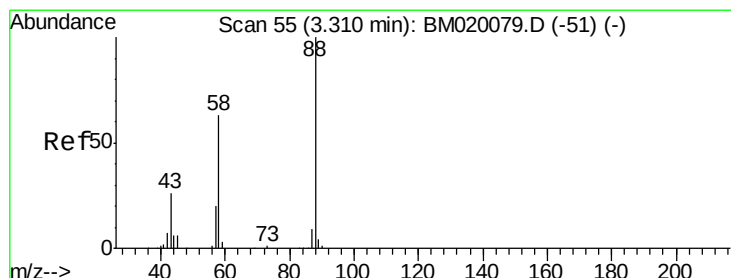
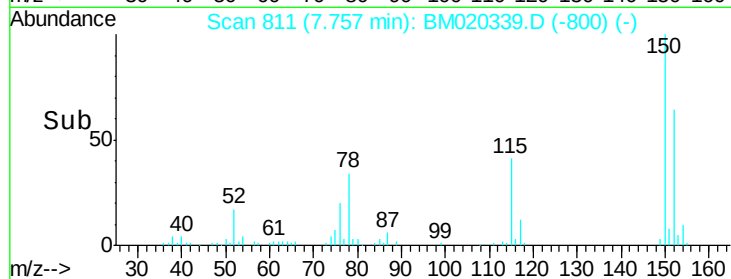
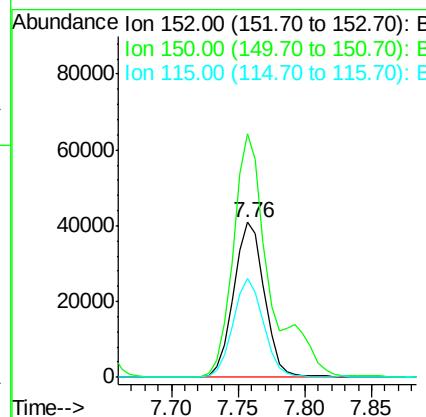
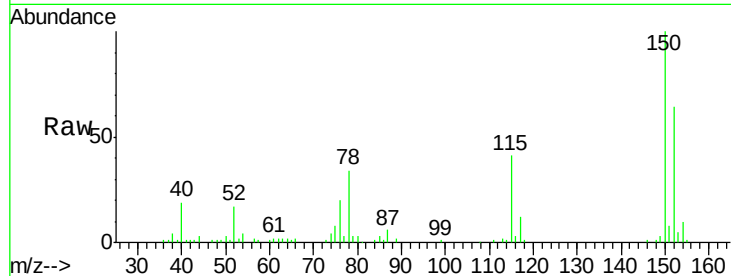
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.76 min Scan# 811
 Delta R.T. -0.04 min
 Lab File: BM020339.D
 Acq: 14 May 2019 19:06

Instrument :
 BNA_M
 ClientSampleId :
 PB119718BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.1	119.8	179.8
115	64.1	50.8	76.2

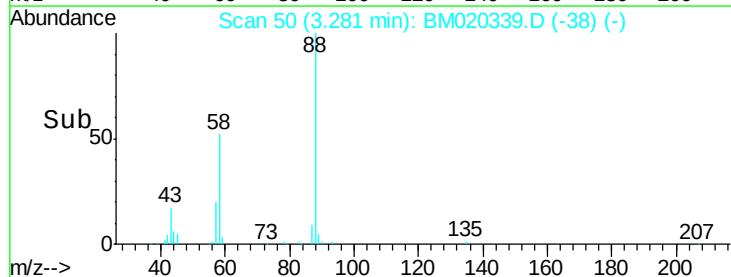
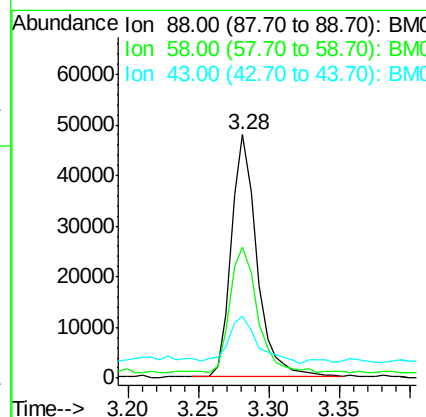
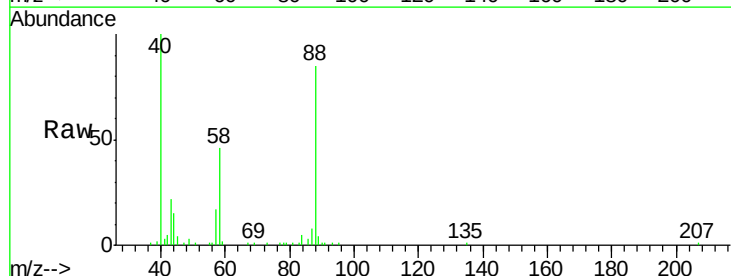
Manual Integrations
 APPROVED

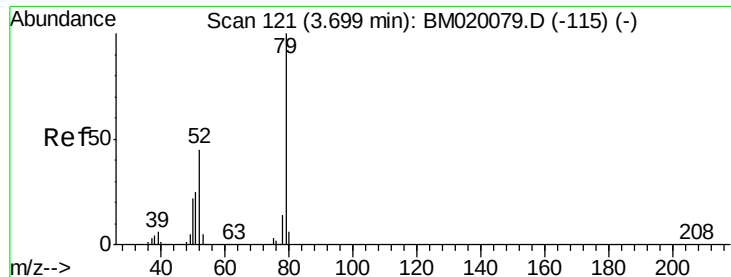
mohammad
 5/15/2019 8:19:27 AM



#2
 1,4-Dioxane
 Concen: 30.348 ng
 RT: 3.28 min Scan# 50
 Delta R.T. -0.03 min
 Lab File: BM020339.D
 Acq: 14 May 2019 19:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.1	51.8	77.6
43	22.6	20.3	30.5





#3

Pyridine

Concen: 32.796 ng

RT: 3.68 min Scan# 118

Delta R.T. -0.02 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

Instrument :

BNA_M

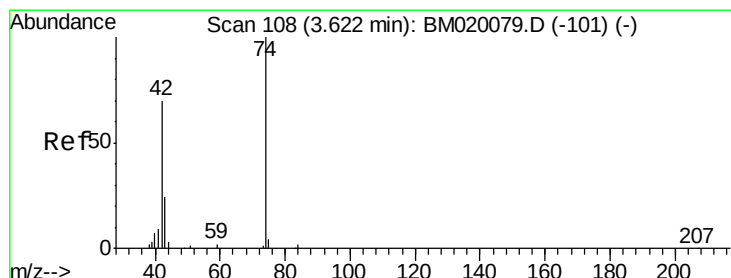
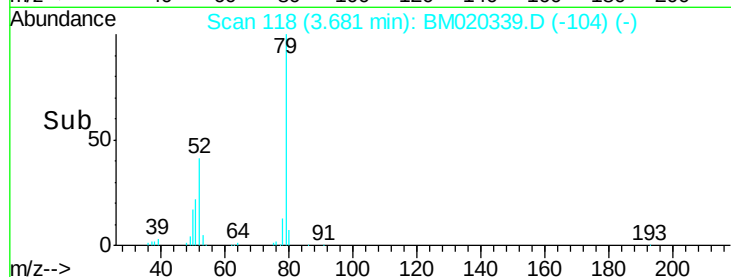
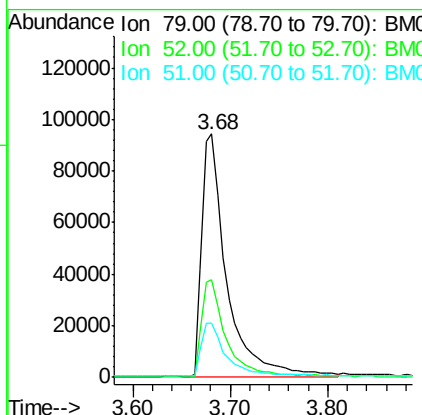
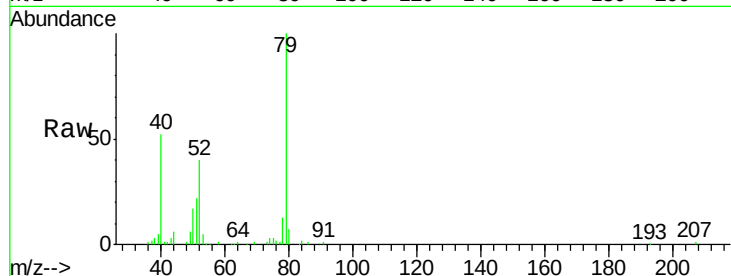
ClientSampleId :

PB119718BS

Tgt Ion:	79	Resp:	166626
Ion	Ratio	Lower	Upper
79	100		
52	40.3	35.7	53.5
51	22.1	20.8	31.2

Manual Integrations
APPROVED

mohammad
5/15/2019 8:19:27 AM



#4

n-Nitrosodimethylamine

Concen: 31.822 ng

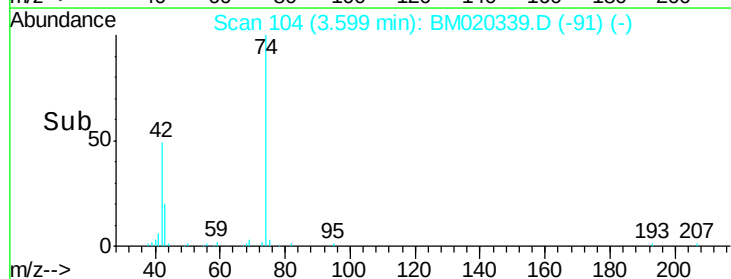
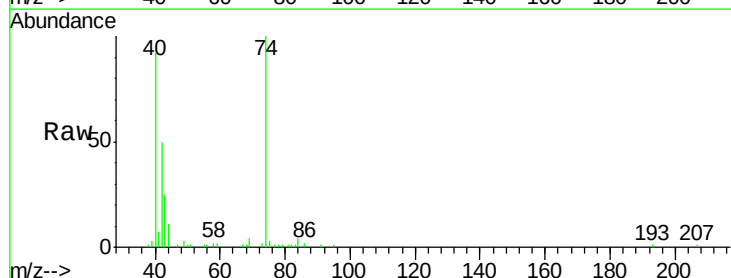
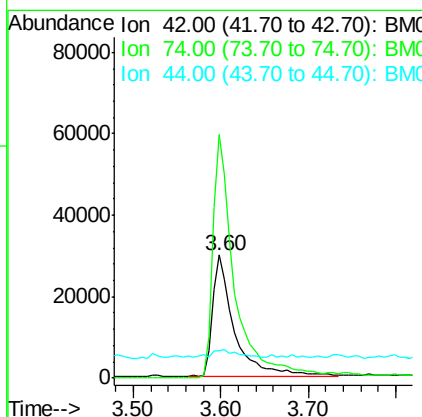
RT: 3.60 min Scan# 104

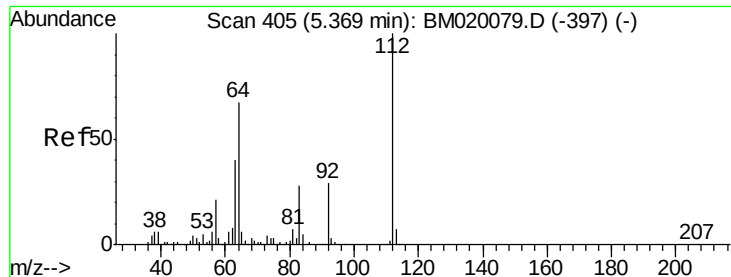
Delta R.T. -0.02 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

Tgt Ion:	42	Resp:	51845
Ion	Ratio	Lower	Upper
42	100		
74	198.4	113.7	170.5#
44	22.6	3.9	5.9#





#5

2-Fluorophenol

Concen: 80.350 ng

RT: 5.35 min Scan# 401

Delta R.T. -0.02 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

Instrument :

BNA_M

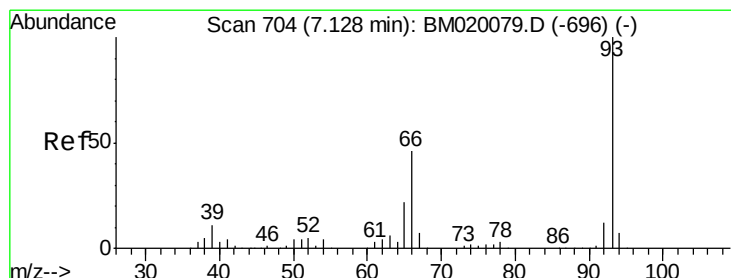
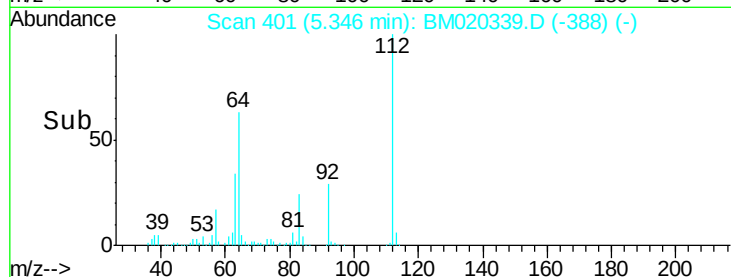
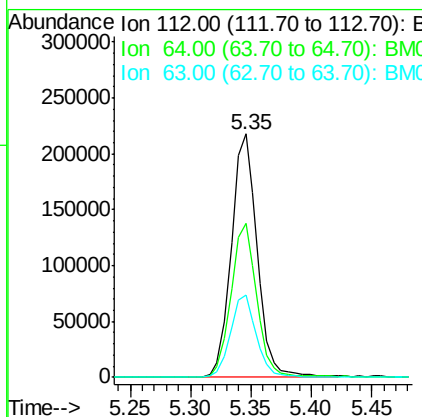
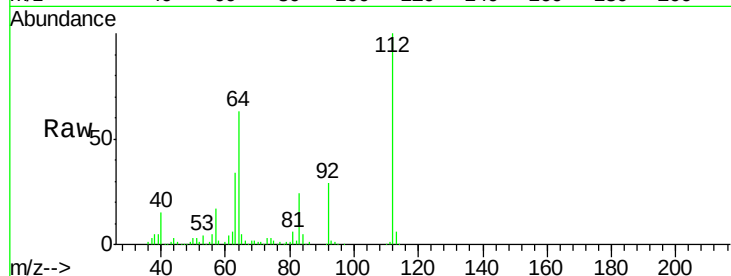
ClientSampled :

PB119718BS

Tgt Ion:	112	Resp:	325457
Ion Ratio	Lower	Upper	
112	100		
64	63.0	53.8	80.6
63	34.0	32.3	48.5

Manual Integrations
APPROVED

mohammad
5/15/2019 8:19:27 AM



#6

Aniline

Concen: 17.234 ng

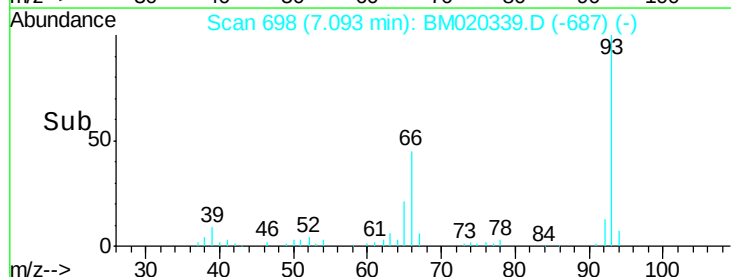
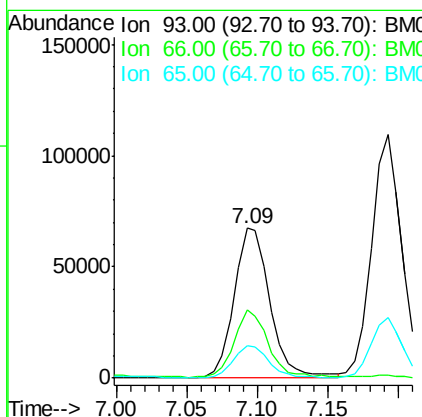
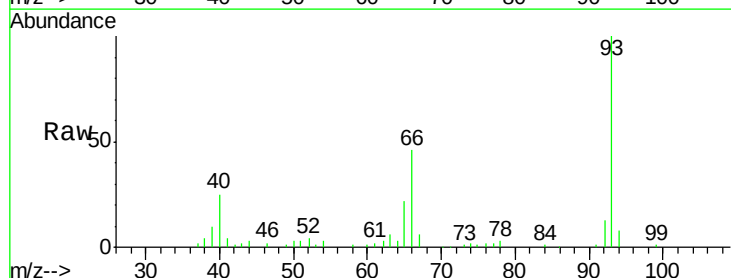
RT: 7.09 min Scan# 698

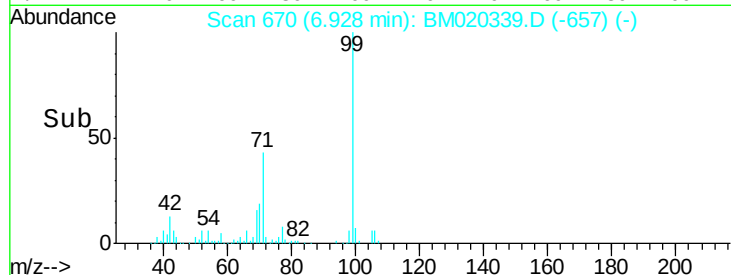
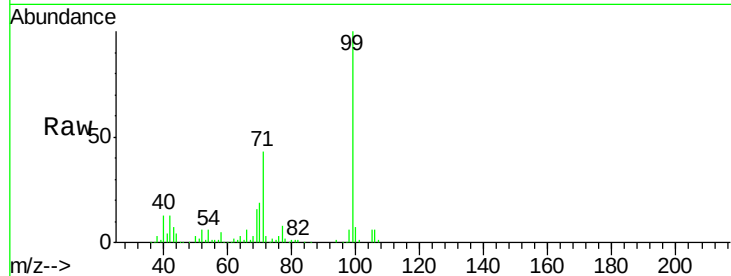
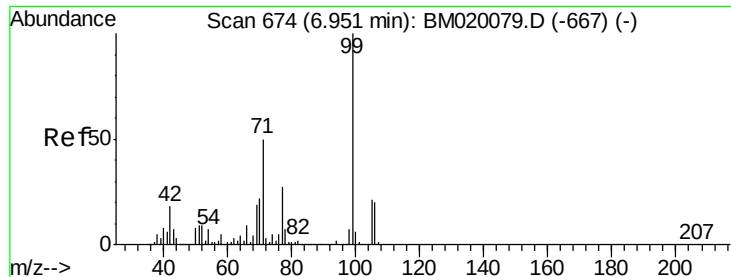
Delta R.T. -0.04 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

Tgt Ion:	93	Resp:	120046
Ion Ratio	Lower	Upper	
93	100		
66	45.8	36.6	54.8
65	22.0	17.8	26.6





#7

Phenol-d6

Concen: 74.796 ng

RT: 6.93 min Scan# 670

Delta R.T. -0.02 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

Tgt Ion:	99	Resp:	413884
Ion Ratio	Lower	Upper	
99	100		
42	13.5	14.2	21.2#
71	42.9	40.3	60.5

Instrument :

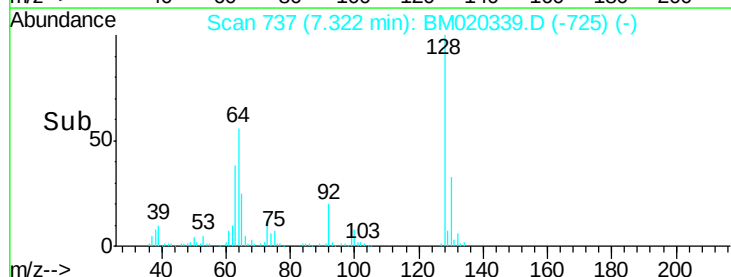
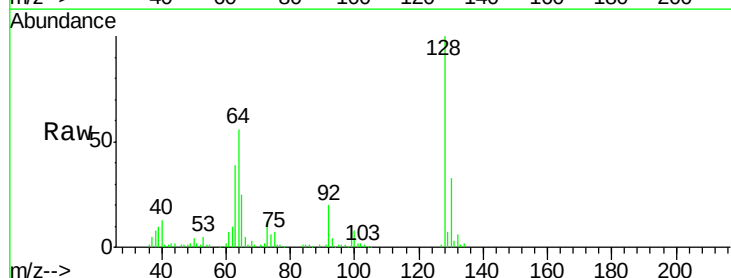
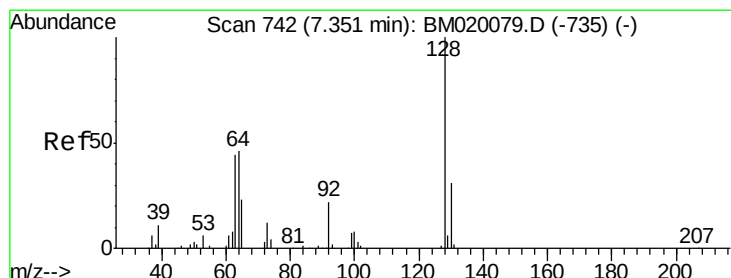
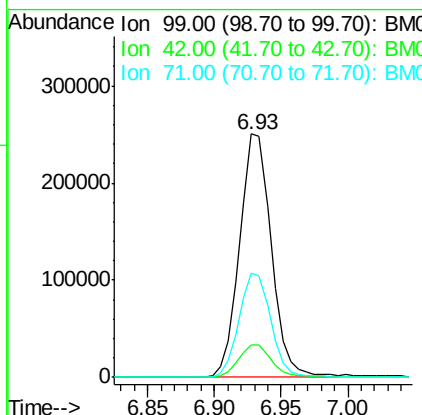
BNA_M

ClientSampleId :

PB119718BS

Manual Integrations
APPROVED

mohammad
5/15/2019 8:19:27 AM



#8

2-Chlorophenol

Concen: 36.972 ng

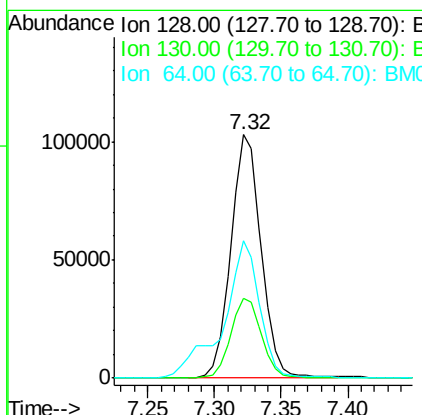
RT: 7.32 min Scan# 737

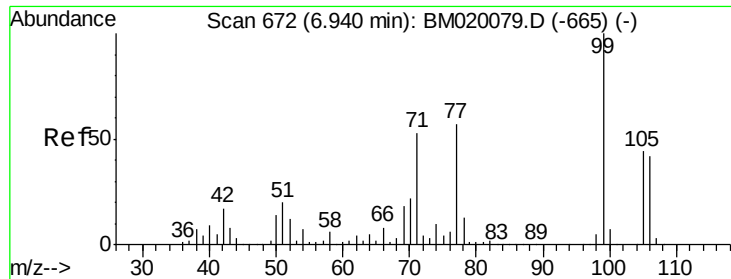
Delta R.T. -0.03 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

Tgt Ion:	128	Resp:	163060
Ion Ratio	Lower	Upper	
128	100		
130	33.0	10.8	50.8
64	56.3	36.5	76.5





#9

Benzaldehyde

Concen: 19.643 ng

RT: 6.92 min Scan# 668

Delta R.T. -0.02 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

Instrument :

BNA_M

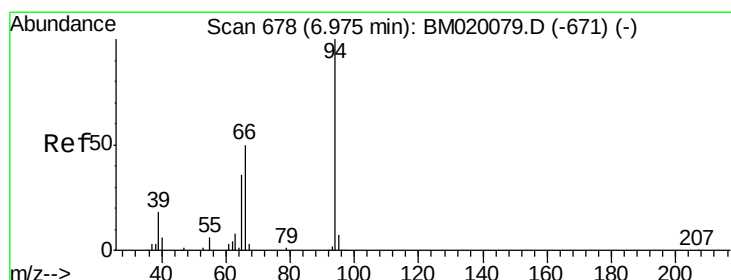
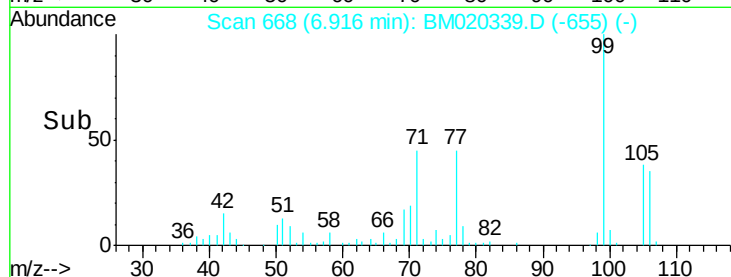
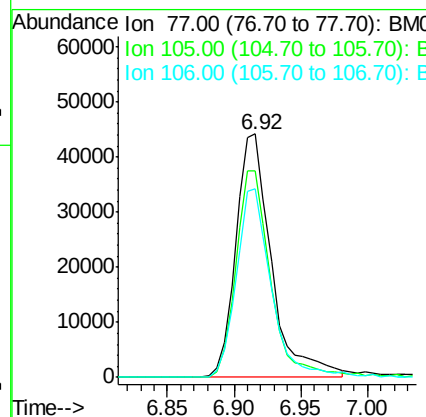
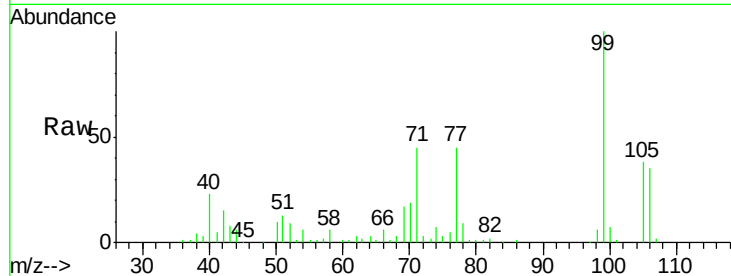
ClientSampleId :

PB119718BS

Tgt Ion	Ratio	Lower	Upper
77	100		
105	85.0	57.8	97.8
106	77.3	53.6	93.6

Manual Integrations
APPROVED

mohammad
5/15/2019 8:19:27 AM



#10

Phenol

Concen: 36.147 ng

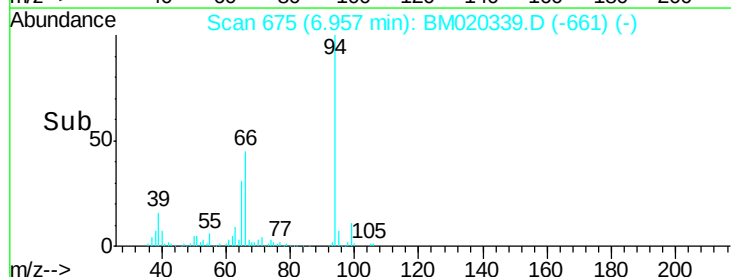
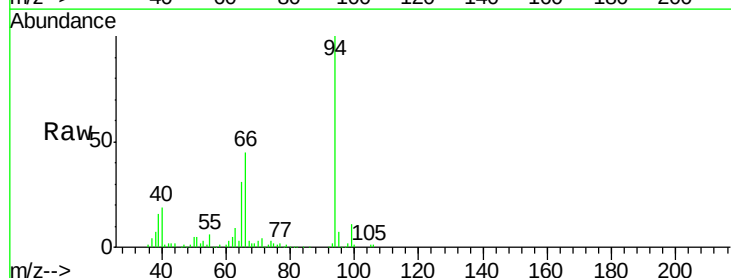
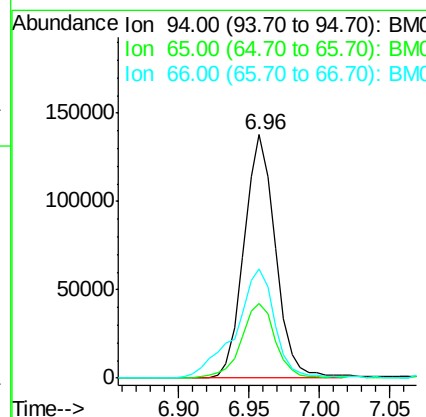
RT: 6.96 min Scan# 675

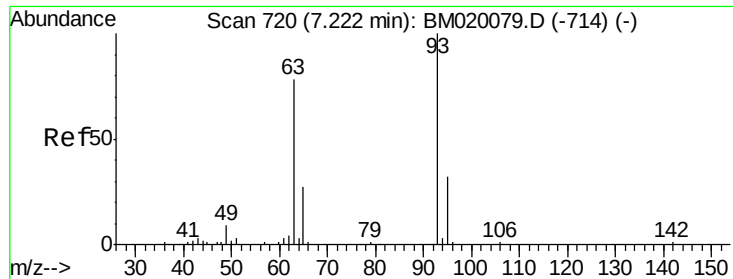
Delta R.T. -0.02 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.6	17.0	57.0
66	44.9	34.5	74.5





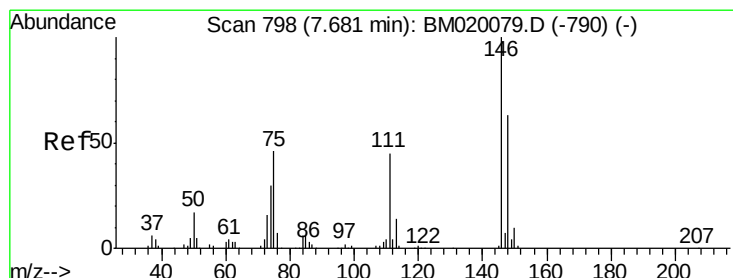
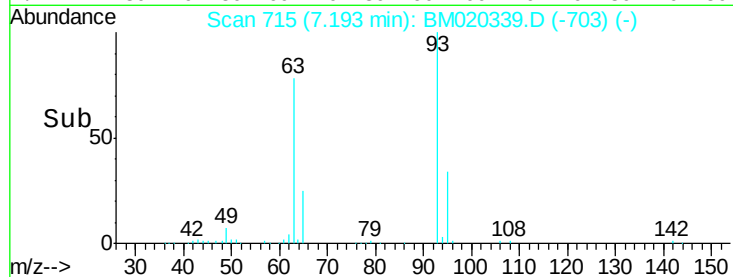
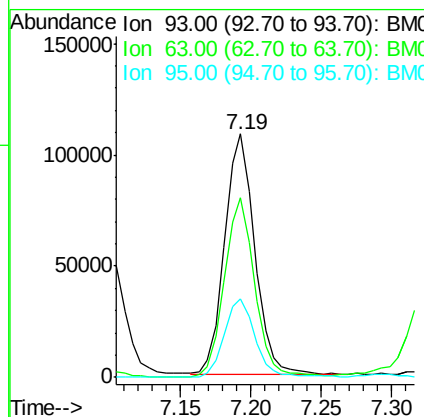
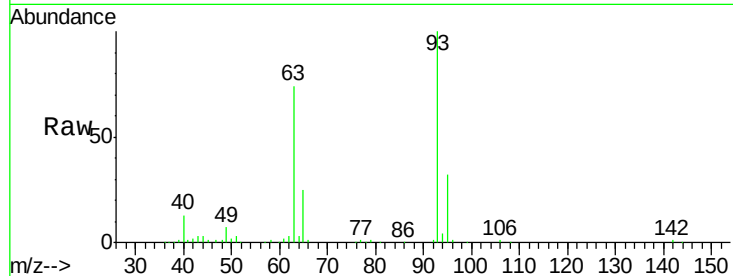
#11
 bis(2-Chloroethyl)ether
 Concen: 37.047 ng
 RT: 7.19 min Scan# 715
 Delta R.T. -0.03 min
 Lab File: BM020339.D
 Acq: 14 May 2019 19:06

Instrument :
 BNA_M
 ClientSampleId :
 PB119718BS

Tgt Ion:	93	Resp:	160400
Ion	Ratio	Lower	Upper
93	100		
63	73.5	57.9	97.9
95	32.0	11.3	51.3

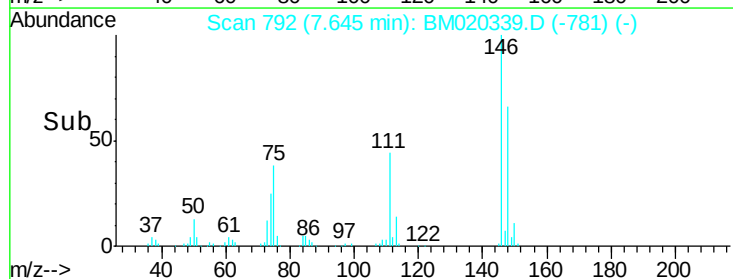
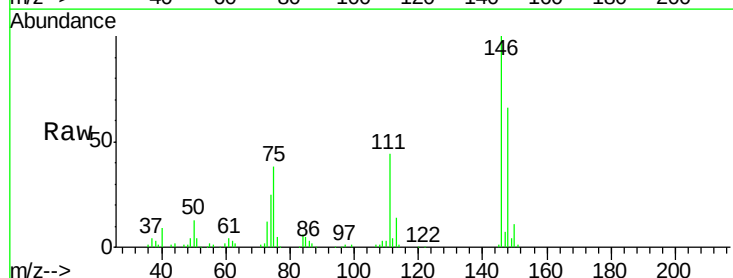
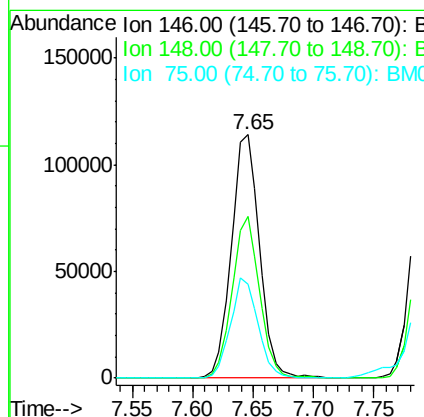
Manual Integrations
 APPROVED

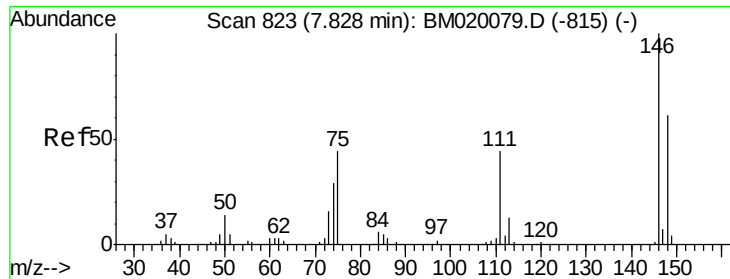
mohammad
 5/15/2019 8:19:27 AM



#12
 1,3-Dichlorobenzene
 Concen: 36.142 ng
 RT: 7.65 min Scan# 792
 Delta R.T. -0.04 min
 Lab File: BM020339.D
 Acq: 14 May 2019 19:06

Tgt Ion:	146	Resp:	185460
Ion	Ratio	Lower	Upper
146	100		
148	66.3	50.1	75.1
75	38.4	37.2	55.8





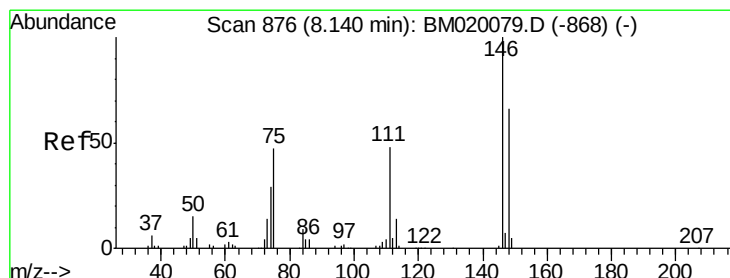
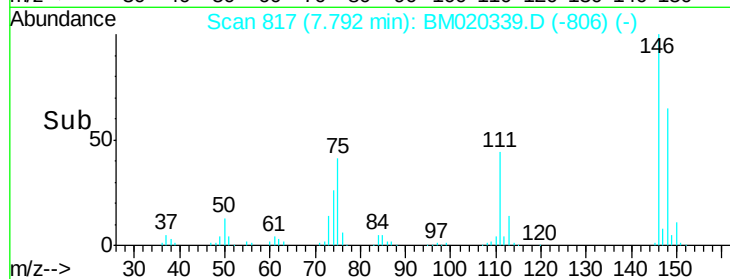
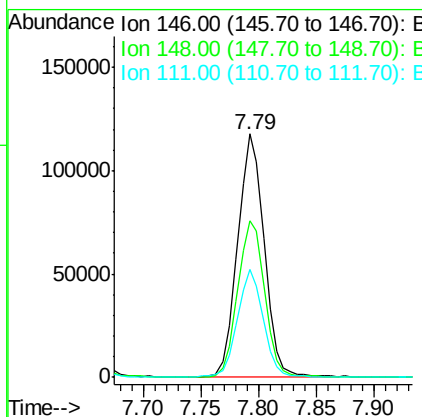
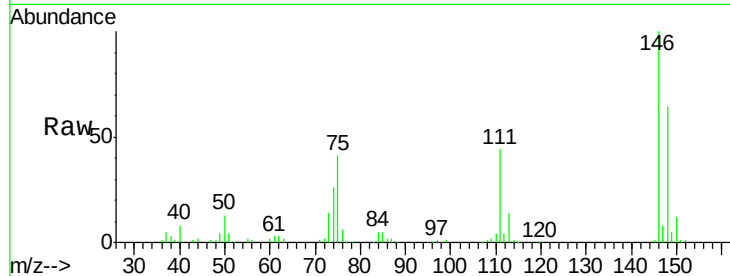
#13
 1,4-Dichlorobenzene
 Concen: 36.450 ng
 RT: 7.79 min Scan# 817
 Delta R.T. -0.04 min
 Lab File: BM020339.D
 Acq: 14 May 2019 19:06

Instrument :
 BNA_M
 ClientSampleId :
 PB119718BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	188946		
148	64.3	48.5	72.7	
111	44.2	35.7	53.5	

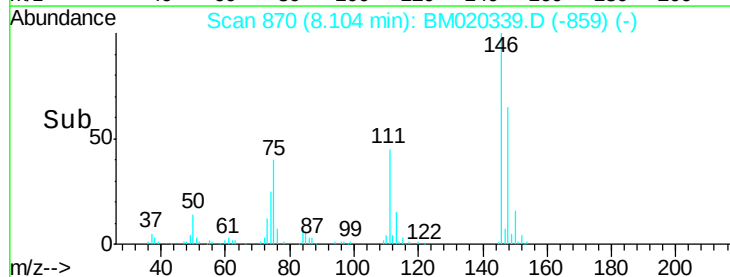
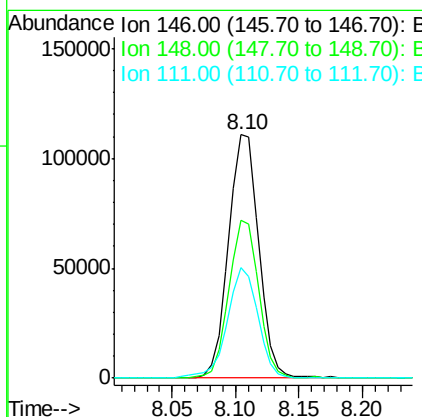
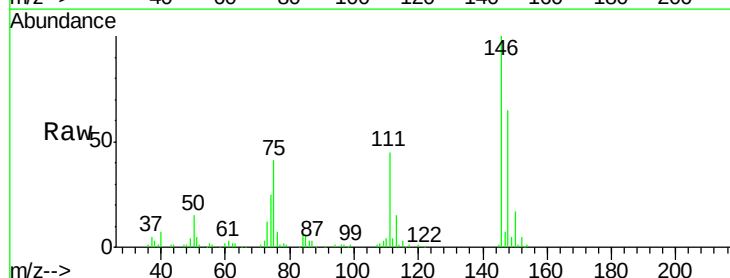
Manual Integrations
 APPROVED

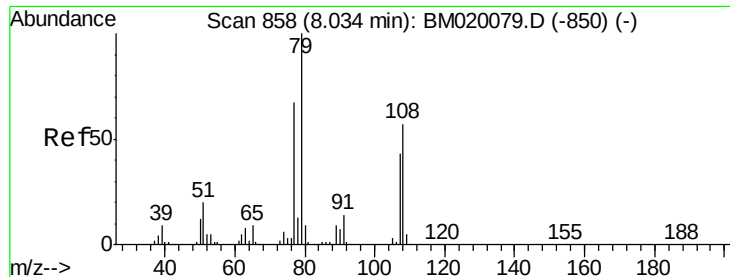
mohammad
 5/15/2019 8:19:27 AM



#14
 1,2-Dichlorobenzene
 Concen: 36.979 ng
 RT: 8.10 min Scan# 870
 Delta R.T. -0.04 min
 Lab File: BM020339.D
 Acq: 14 May 2019 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	182626		
148	64.6	52.6	79.0	
111	45.3	39.0	58.4	





#15

Benzyl Alcohol

Concen: 29.507 ng

RT: 8.00 min Scan# 853

Delta R.T. -0.03 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

Instrument :

BNA_M

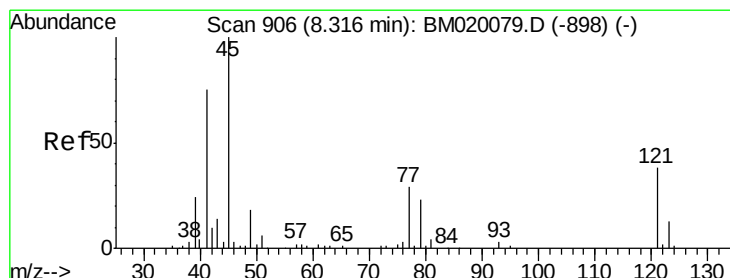
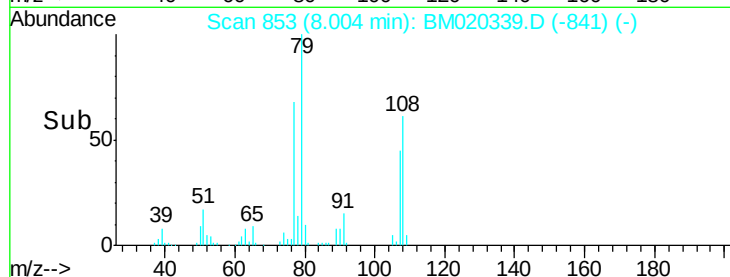
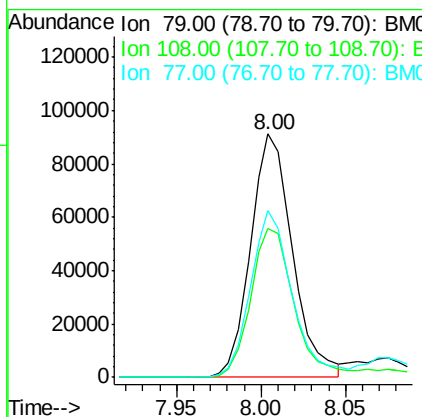
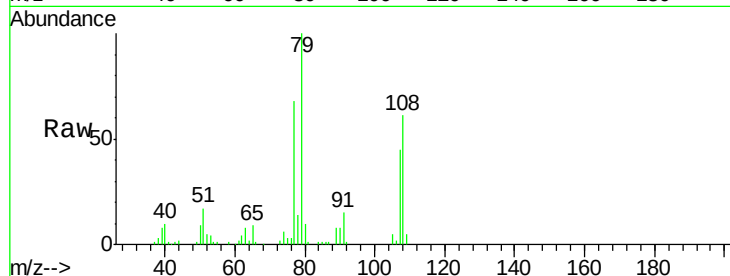
ClientSampleId :

PB119718BS

Tgt Ion:	79	Resp:	157441
Ion	Ratio	Lower	Upper
79	100		
108	61.2	46.0	69.0
77	68.4	53.8	80.6

Manual Integrations
APPROVED

mohammad
5/15/2019 8:19:27 AM



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.672 ng

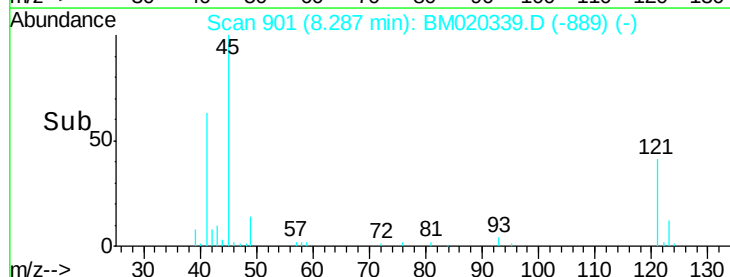
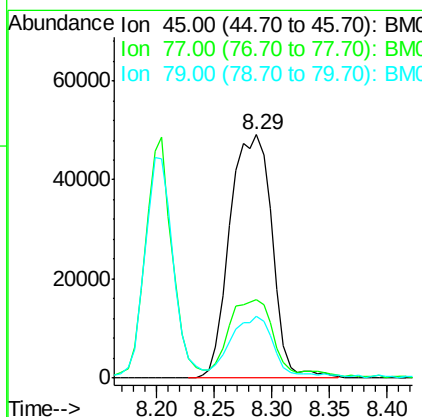
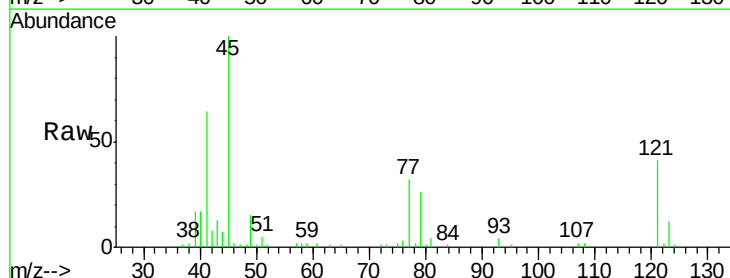
RT: 8.29 min Scan# 901

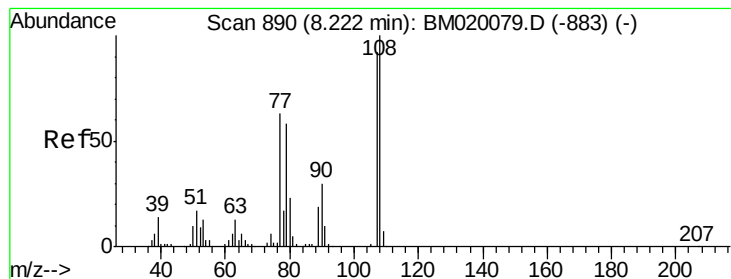
Delta R.T. -0.03 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

Tgt Ion:	45	Resp:	124478
Ion	Ratio	Lower	Upper
45	100		
77	32.5	10.5	50.5
79	25.6	3.3	43.3





#17

2-Methylphenol

Concen: 36.359 ng

RT: 8.20 min Scan# 887

Delta R.T. -0.02 min

Lab File: BM020339.D

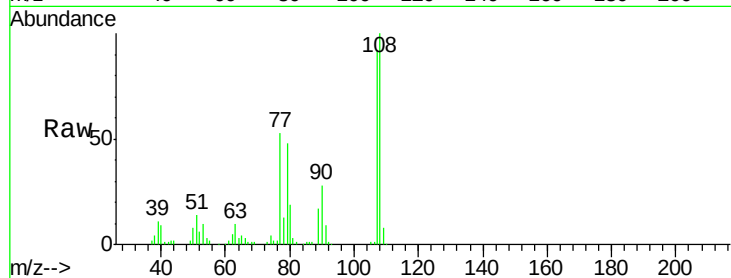
Acq: 14 May 2019 19:06

Instrument :

BNA_M

ClientSampleId :

PB119718BS



Tgt Ion:107 Resp: 139429

Ion Ratio Lower Upper

107 100

108 109.0 87.0 130.4

77 57.9 54.7 82.1

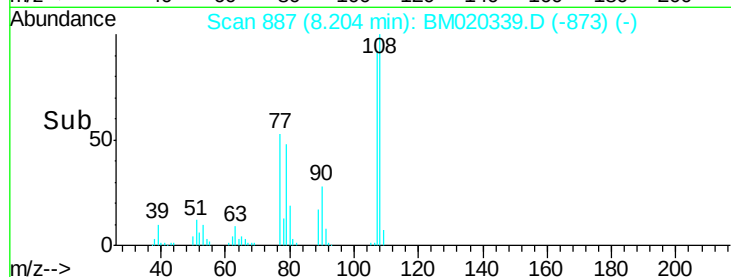
79 52.7 50.1 75.1

Manual Integrations

APPROVED

mohammad

5/15/2019 8:19:27 AM

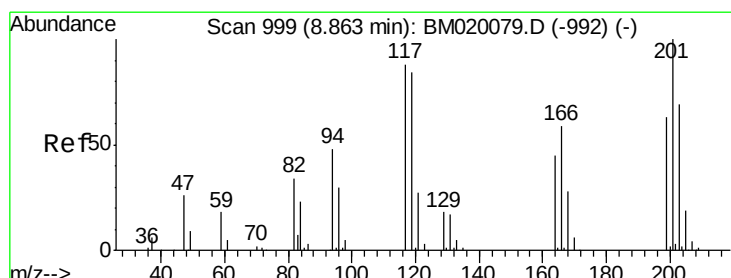
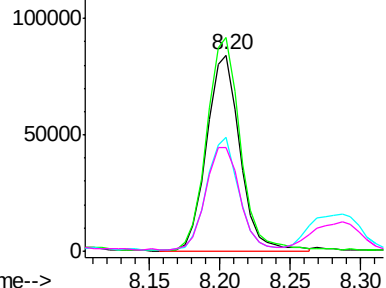


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18

Hexachloroethane

Concen: 32.266 ng

RT: 8.82 min Scan# 992

Delta R.T. -0.04 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

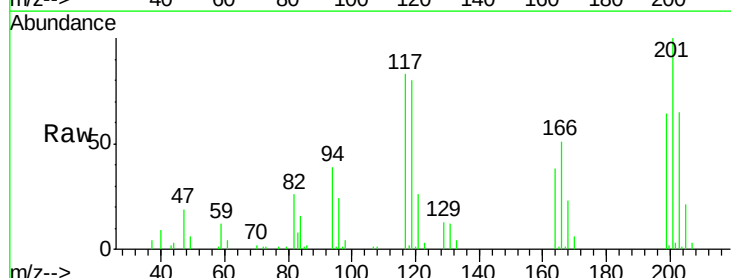
Tgt Ion:117 Resp: 69741

Ion Ratio Lower Upper

117 100

119 95.9 76.6 114.8

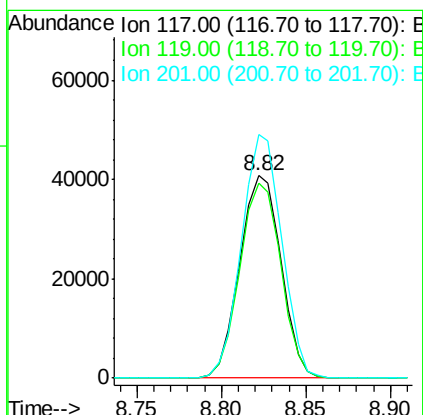
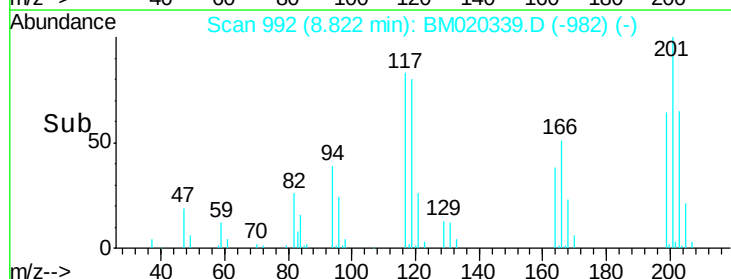
201 120.2 90.7 136.1

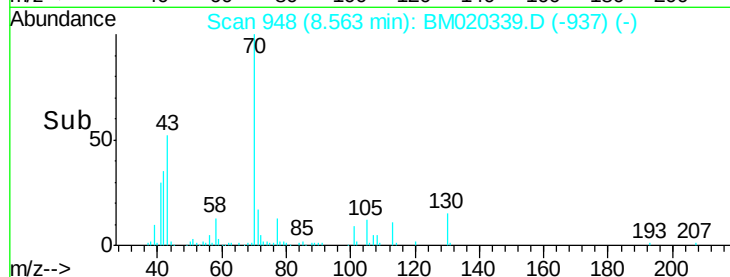
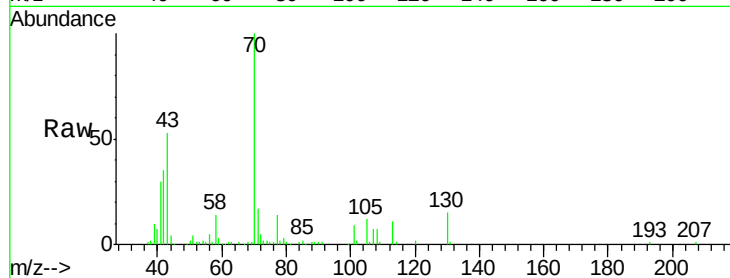
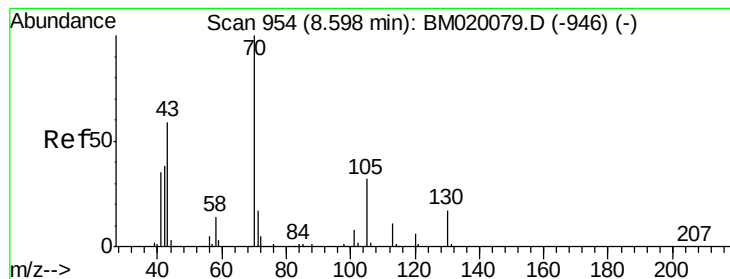


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 31.375 ng

RT: 8.56 min Scan# 948

Delta R.T. -0.04 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

Instrument :

BNA_M

ClientSampleId :

PB119718BS

Tgt Ion: 70 Resp: 148538

Ion Ratio Lower Upper

70 100

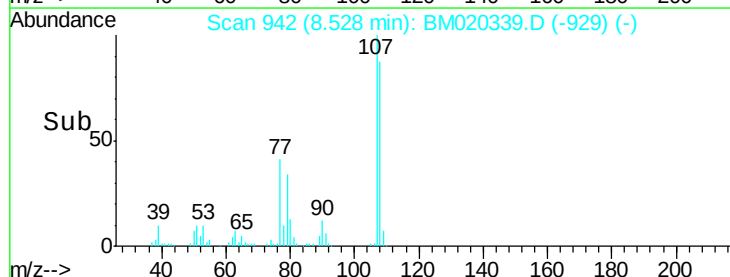
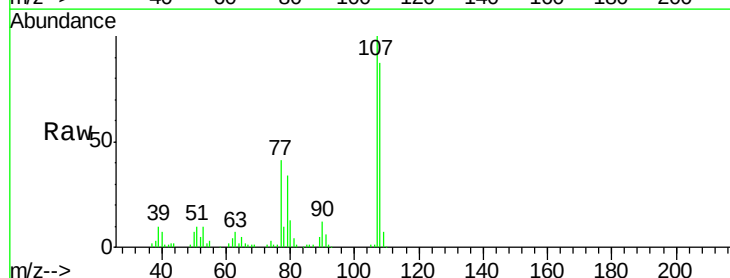
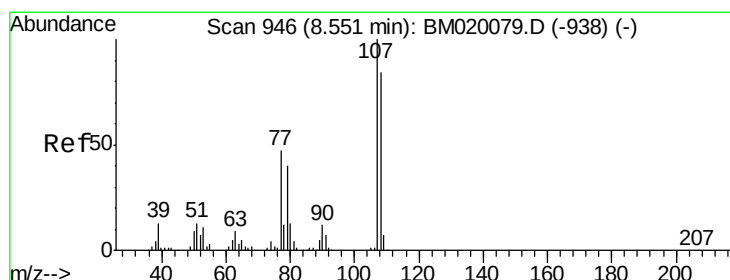
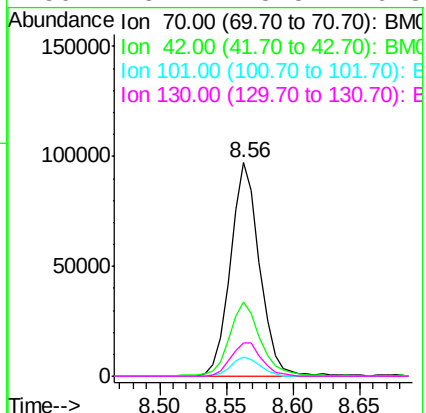
42 34.5 31.0 46.4

101 8.8 6.2 9.2

130 15.4 13.5 20.3

Manual Integrations
APPROVED

mohammad
5/15/2019 8:19:27 AM



#20

3+4-Methylphenols

Concen: 34.627 ng

RT: 8.53 min Scan# 942

Delta R.T. -0.02 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

Tgt Ion: 107 Resp: 176480

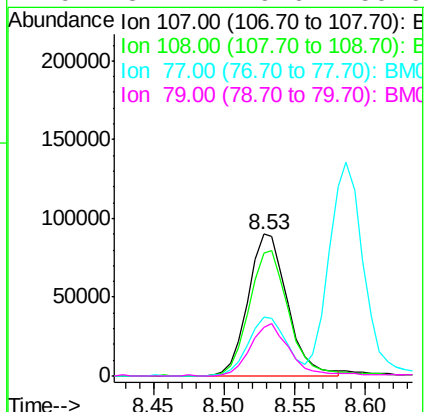
Ion Ratio Lower Upper

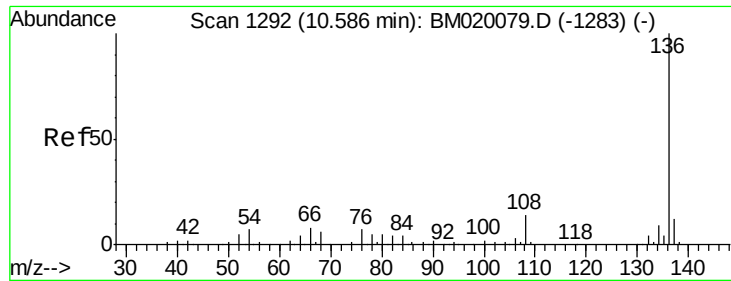
107 100

108 86.5 64.4 104.4

77 41.3 27.2 67.2

79 34.4 19.6 59.6





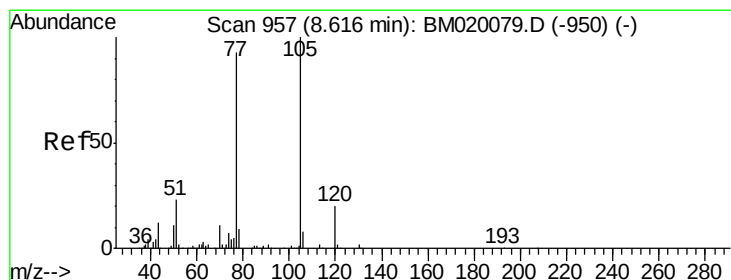
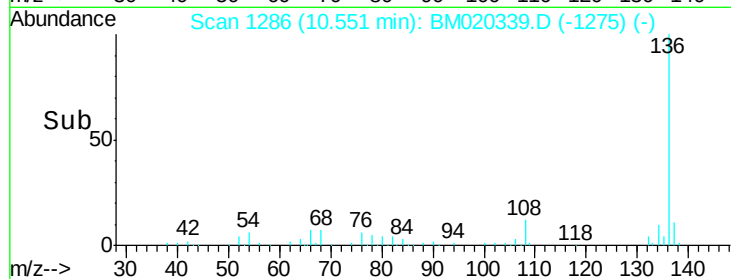
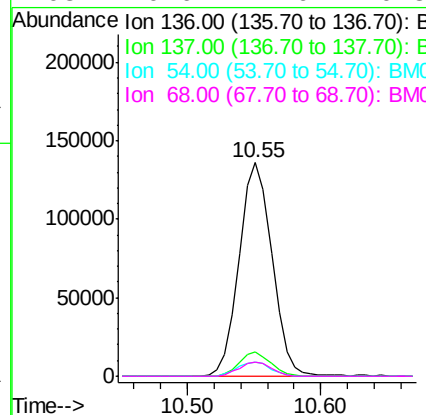
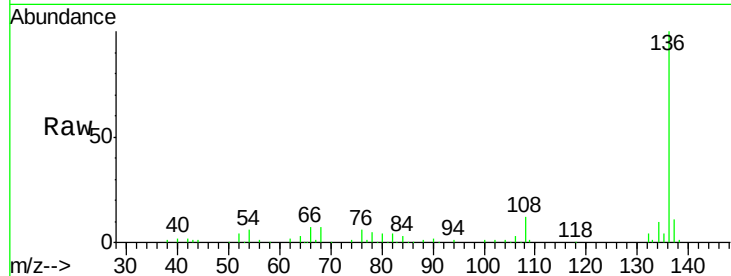
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.55 min Scan# 1286
Delta R.T. -0.04 min
Lab File: BM020339.D
Acq: 14 May 2019 19:06

Instrument :
BNA_M
ClientSampleId :
PB119718BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	233141		
137	11.3	9.6	14.4	
54	6.5	5.5	8.3	
68	6.6	4.6	6.8	

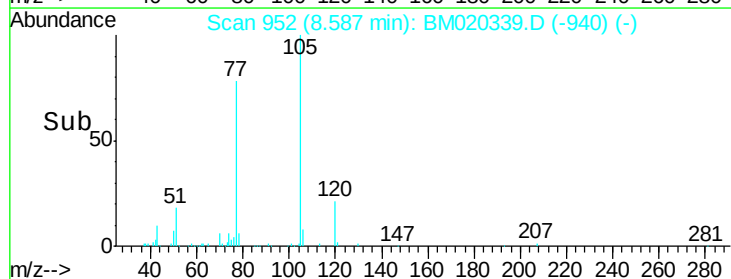
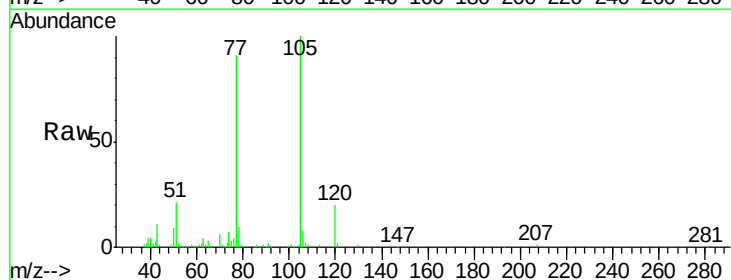
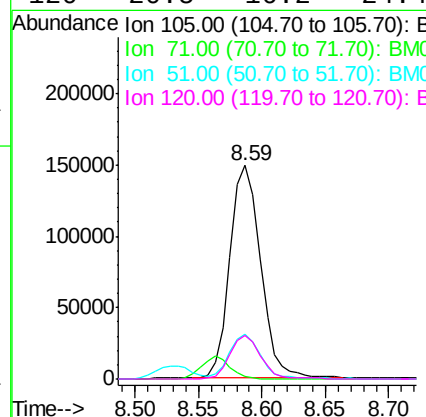
Manual Integrations
APPROVED

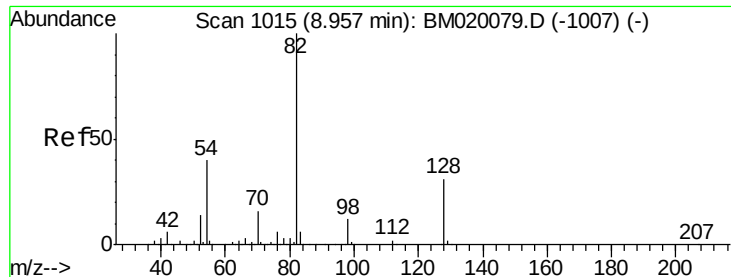
mohammad
5/15/2019 8:19:27 AM



#22
Acetophenone
Concen: 39.604 ng
RT: 8.59 min Scan# 952
Delta R.T. -0.03 min
Lab File: BM020339.D
Acq: 14 May 2019 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	252345		
71	1.1	2.2	3.2#	
51	21.2	19.3	28.9	
120	20.5	16.2	24.4	





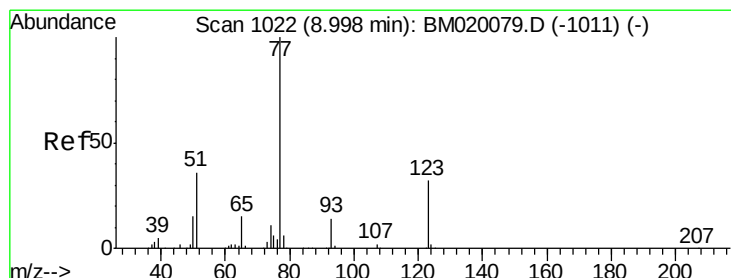
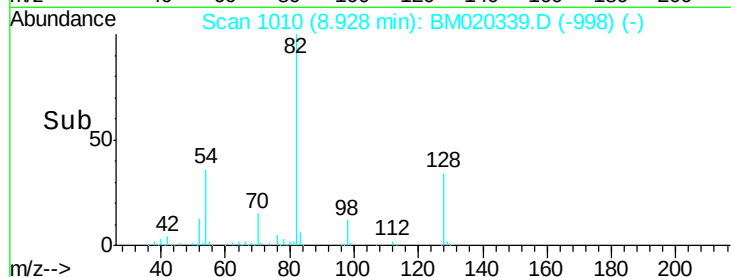
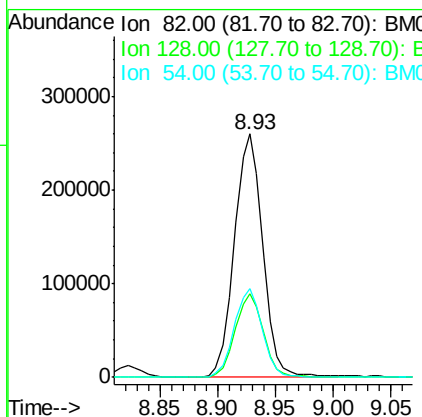
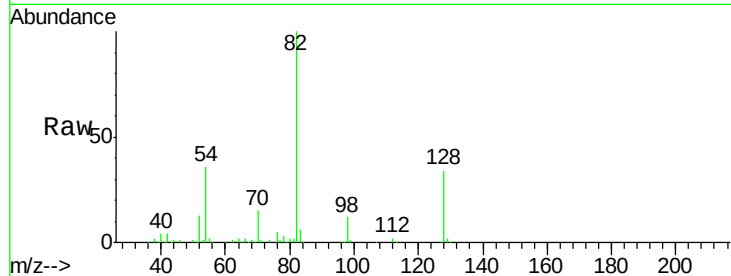
#23
Nitrobenzene-d5
Concen: 74.966 ng
RT: 8.93 min Scan# 1010
Delta R.T. -0.03 min
Lab File: BM020339.D
Acq: 14 May 2019 19:06

Instrument :
BNA_M
ClientSampleId :
PB119718BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	442698		
128	34.4	25.2	37.8	
54	36.3	31.9	47.9	

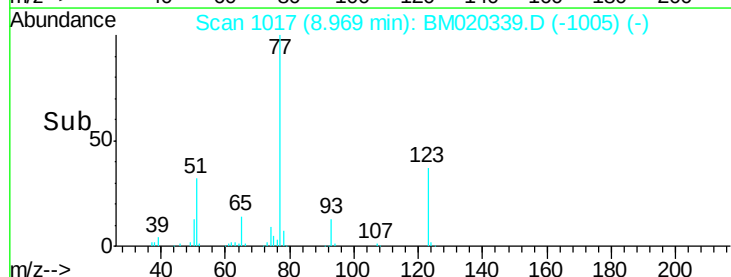
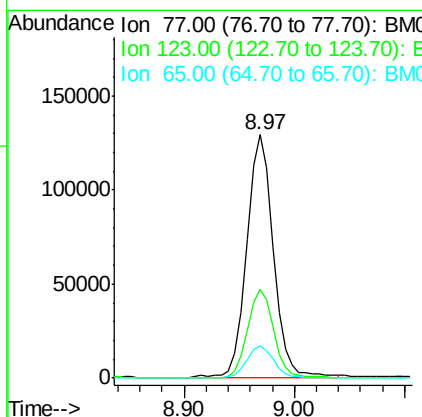
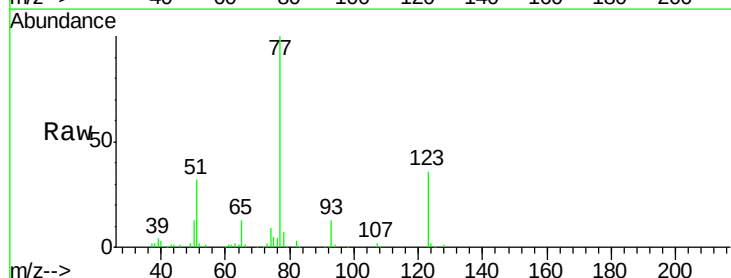
Manual Integrations
APPROVED

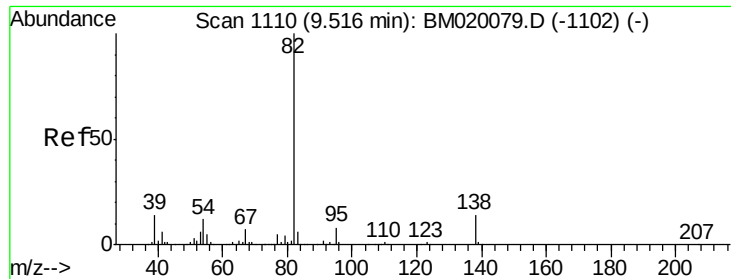
mohammad
5/15/2019 8:19:27 AM



#24
Nitrobenzene
Concen: 35.683 ng
RT: 8.97 min Scan# 1017
Delta R.T. -0.03 min
Lab File: BM020339.D
Acq: 14 May 2019 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	218481		
123	36.4	25.5	38.3	
65	13.5	11.8	17.6	





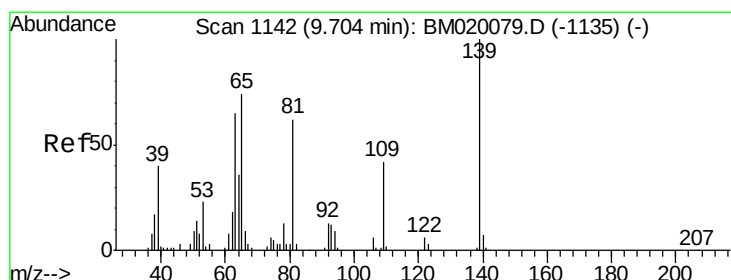
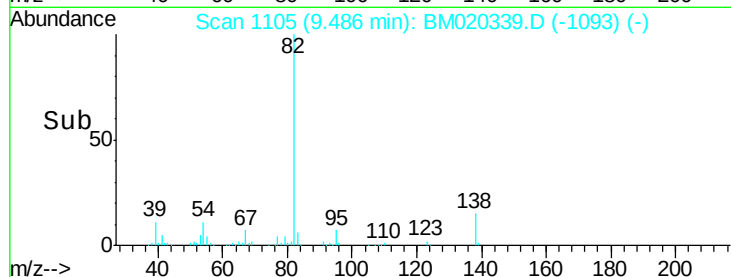
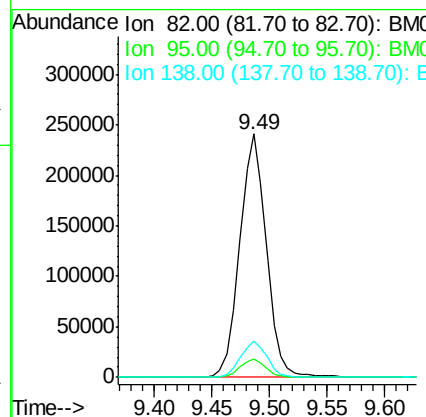
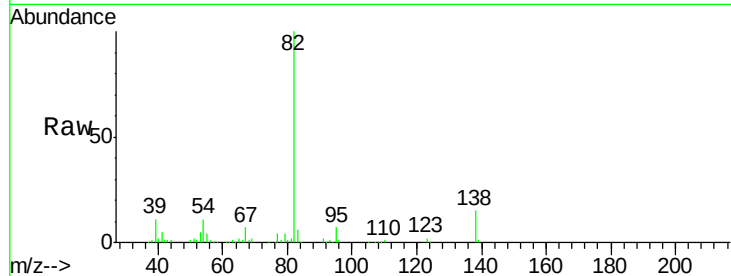
#25
Isophorone
Concen: 37.722 ng
RT: 9.49 min Scan# 1105
Delta R.T. -0.03 min
Lab File: BM020339.D
Acq: 14 May 2019 19:06

Instrument :
BNA_M
ClientSampleId :
PB119718BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	384142		
95	7.3	6.4	9.6	
138	14.7	11.1	16.7	

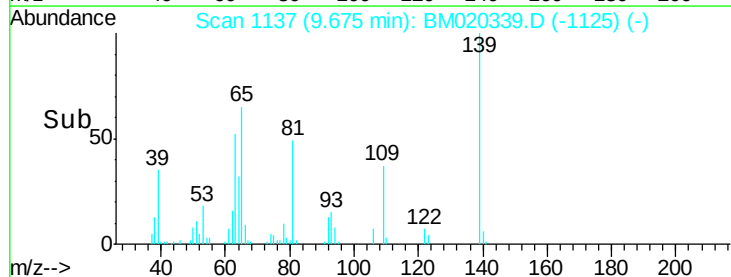
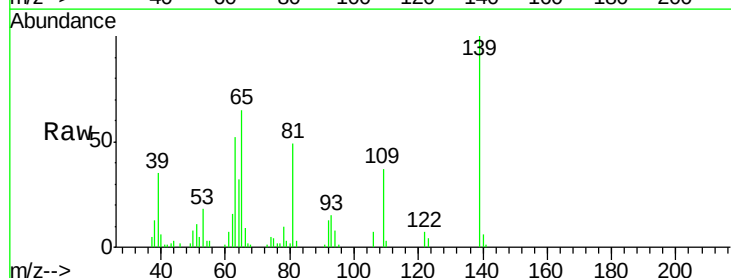
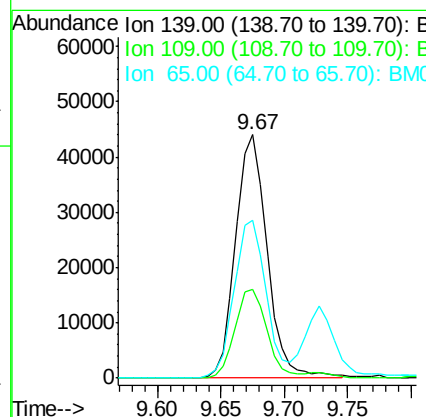
Manual Integrations
APPROVED

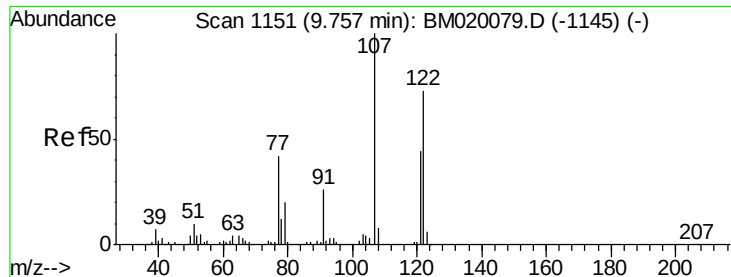
mohammad
5/15/2019 8:19:27 AM



#26
2-Nitrophenol
Concen: 41.233 ng
RT: 9.67 min Scan# 1137
Delta R.T. -0.03 min
Lab File: BM020339.D
Acq: 14 May 2019 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	76218		
109	36.6	33.7	50.5	
65	65.1	59.5	89.3	





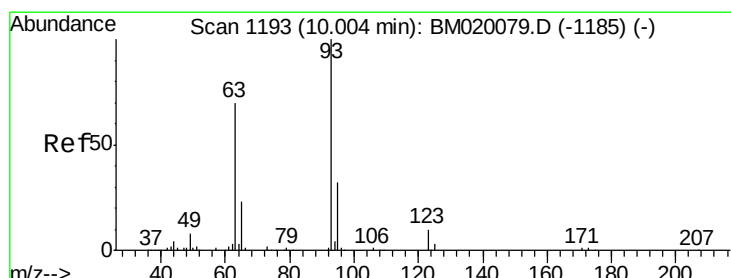
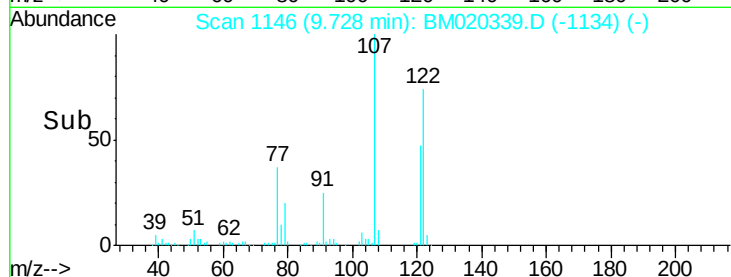
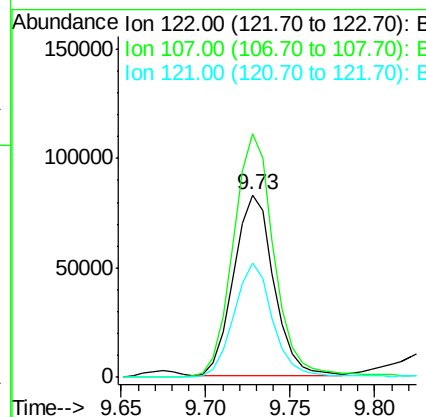
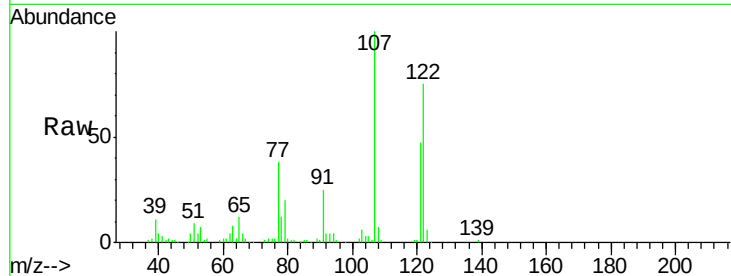
#27
 2,4-Dimethylphenol
 Concen: 44.371 ng
 RT: 9.73 min Scan# 1146
 Delta R.T. -0.03 min
 Lab File: BM020339.D
 Acq: 14 May 2019 19:06

Instrument :
 BNA_M
 ClientSampleId :
 PB119718BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
107	133.5	108.6	162.8	
121	62.5	47.4	71.2	

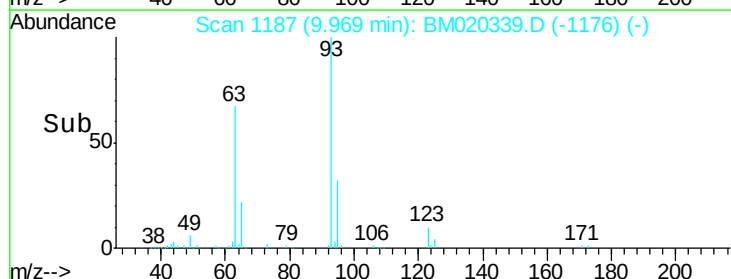
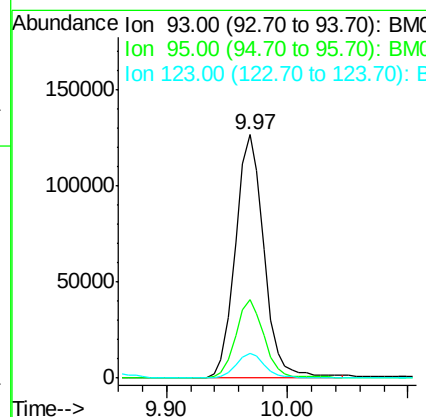
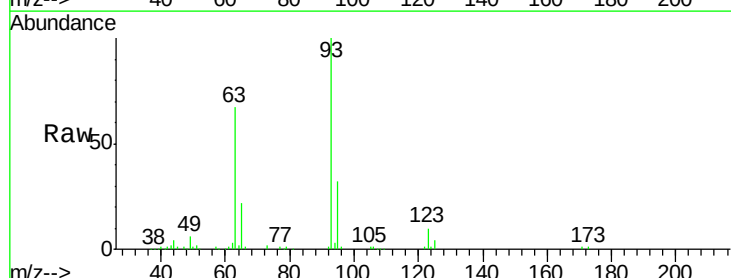
Manual Integrations
 APPROVED

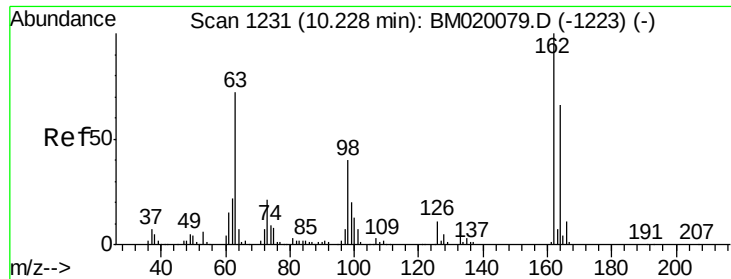
mohammad
 5/15/2019 8:19:27 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.686 ng
 RT: 9.97 min Scan# 1187
 Delta R.T. -0.04 min
 Lab File: BM020339.D
 Acq: 14 May 2019 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	32.3	25.5	38.3	
123	10.4	7.6	11.4	





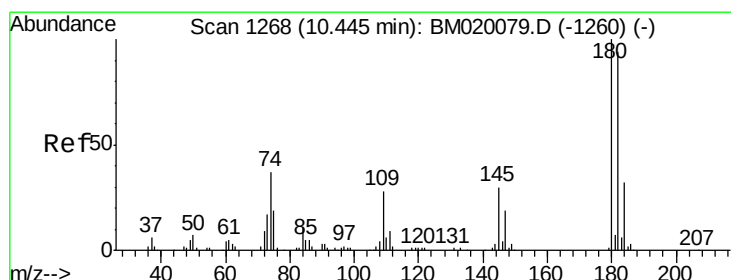
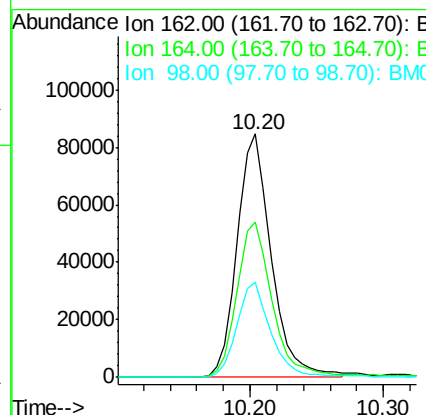
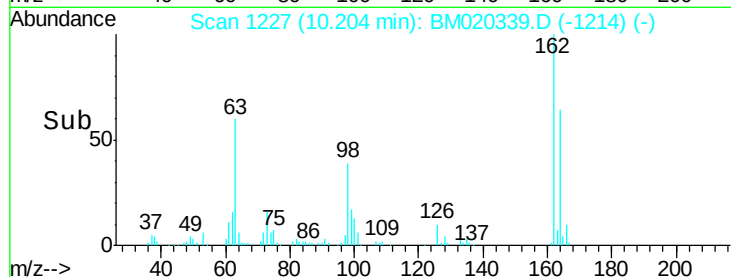
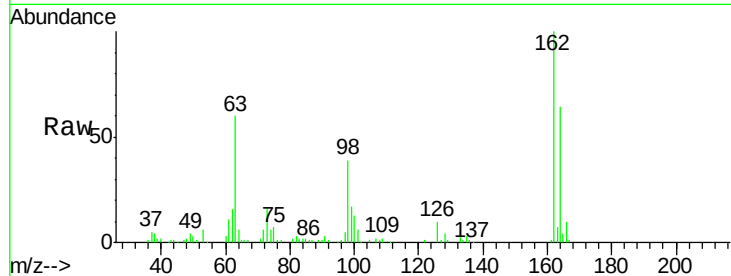
#29
2,4-Dichlorophenol
Concen: 38.840 ng
RT: 10.20 min Scan# 1227
Delta R.T. -0.02 min
Lab File: BM020339.D
Acq: 14 May 2019 19:06

Instrument :
BNA_M
ClientSampled :
PB119718BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	150721		
164	63.8	45.6	85.6	
98	39.3	20.4	60.4	

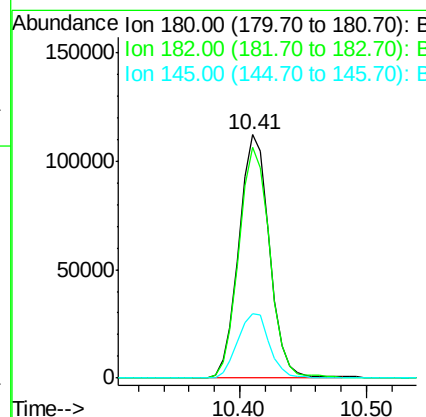
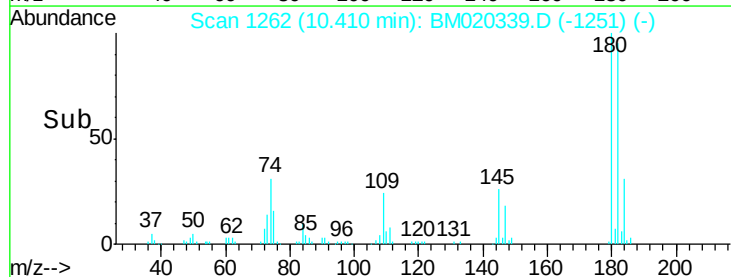
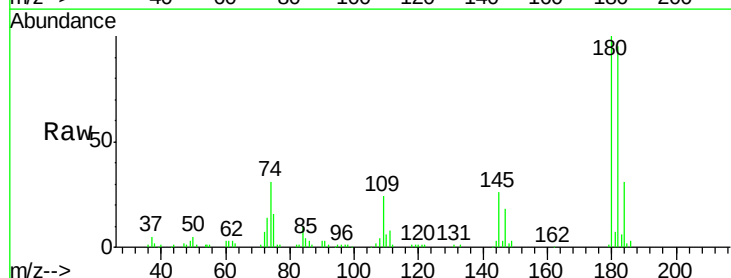
Manual Integrations
APPROVED

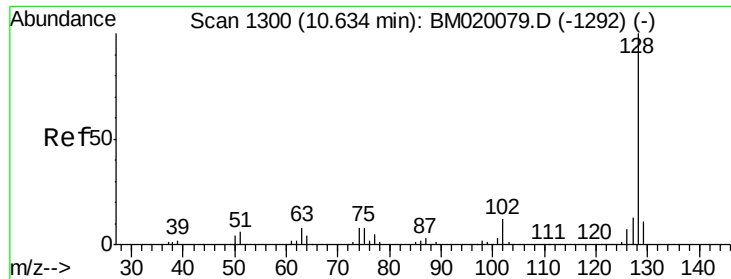
mohammad
5/15/2019 8:19:27 AM



#30
1,2,4-Trichlorobenzene
Concen: 39.133 ng
RT: 10.41 min Scan# 1262
Delta R.T. -0.04 min
Lab File: BM020339.D
Acq: 14 May 2019 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	186852		
182	95.1	75.4	113.0	
145	26.2	23.8	35.8	





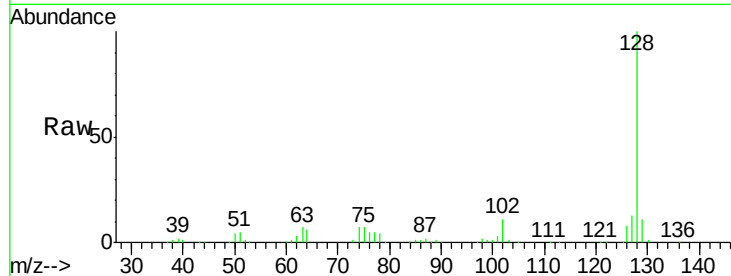
#31
Naphthalene
Concen: 39.068 ng
RT: 10.60 min Scan# 1294
Delta R.T. -0.04 min
Lab File: BM020339.D
Acq: 14 May 2019 19:06

Instrument :
BNA_M
ClientSampleId :
PB119718BS

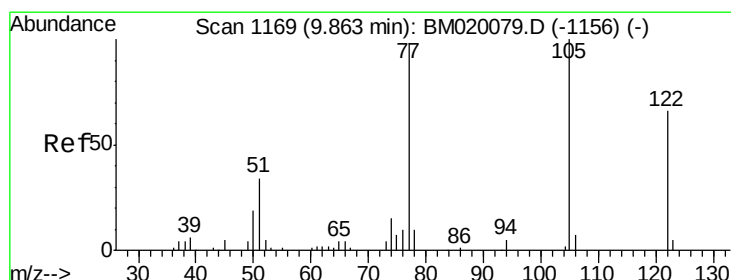
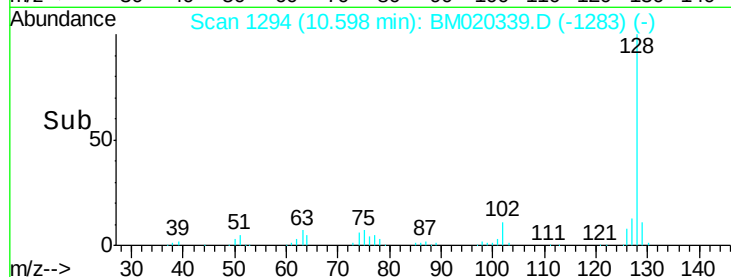
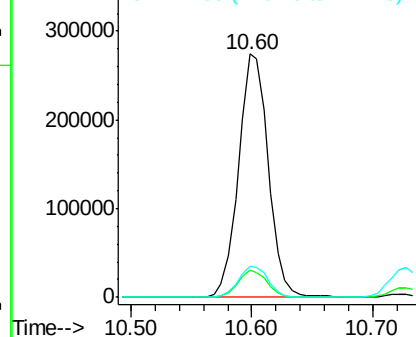
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	12.8	10.4	15.6

Manual Integrations
APPROVED

mohammad
5/15/2019 8:19:27 AM

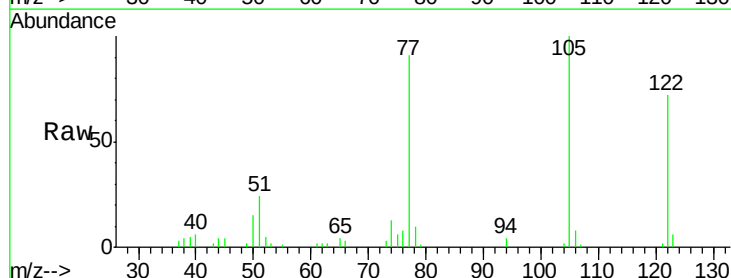


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

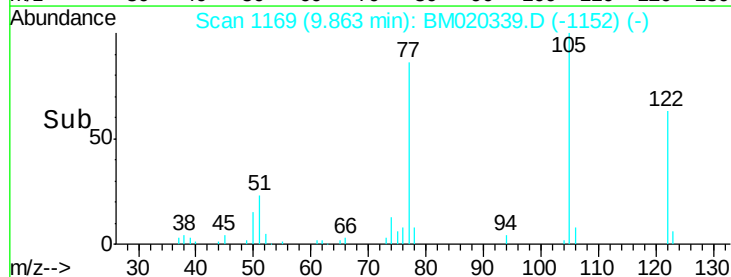
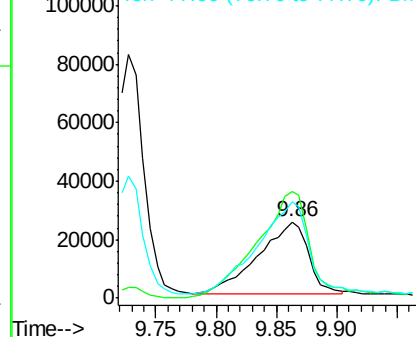


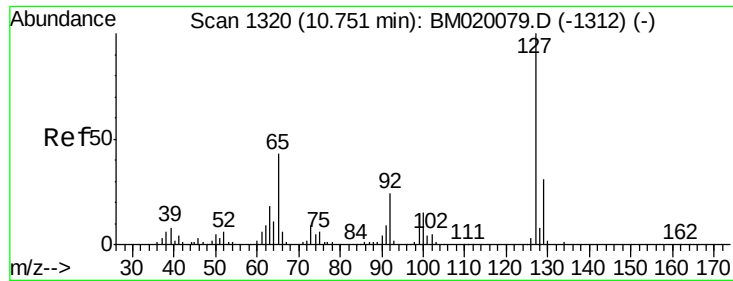
#32
Benzoic acid
Concen: 34.530 ng
RT: 9.86 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BM020339.D
Acq: 14 May 2019 19:06

Tgt Ion	Ratio	Lower	Upper
122	100		
105	139.4	122.5	162.5
77	127.0	123.3	163.3



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM





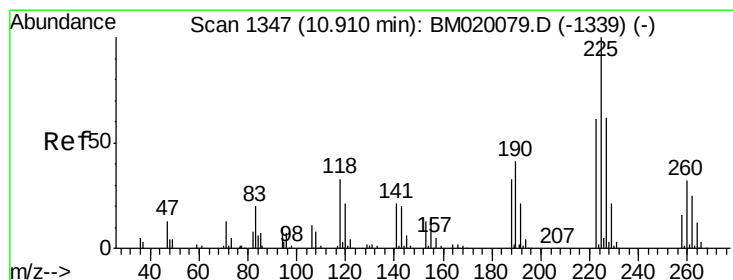
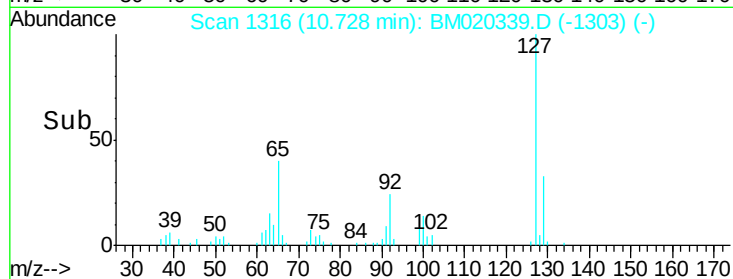
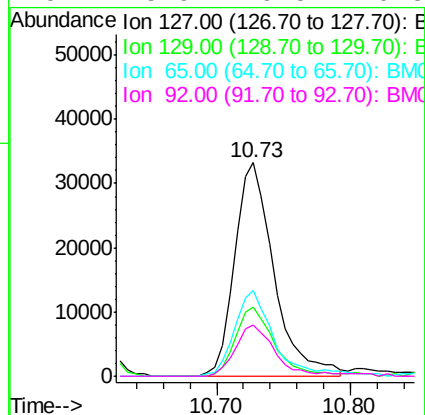
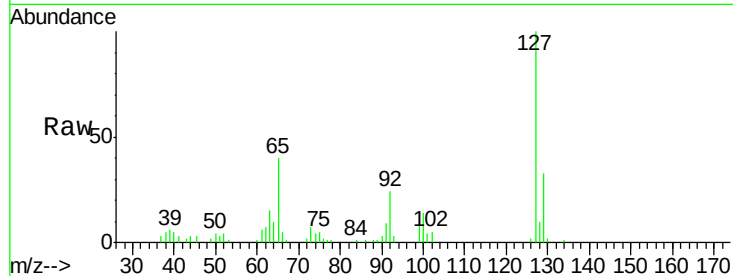
#33
4-Chloroaniline
Concen: 13.684 ng
RT: 10.73 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BM020339.D
Acq: 14 May 2019 19:06

Instrument :
BNA_M
ClientSampleId :
PB119718BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	68141		
129	32.6	24.7	37.1	
65	40.2	34.6	52.0	
92	23.9	19.5	29.3	

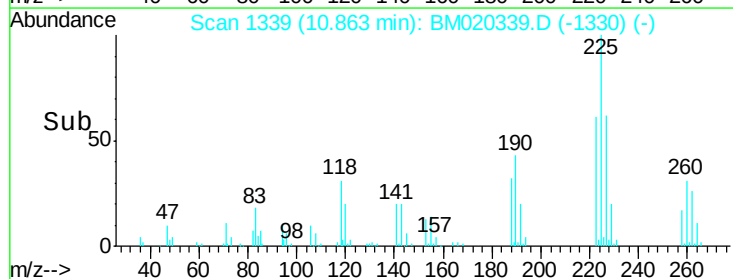
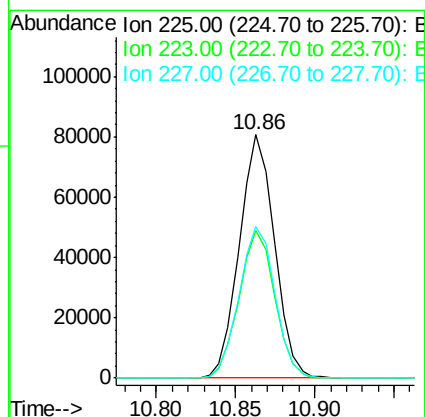
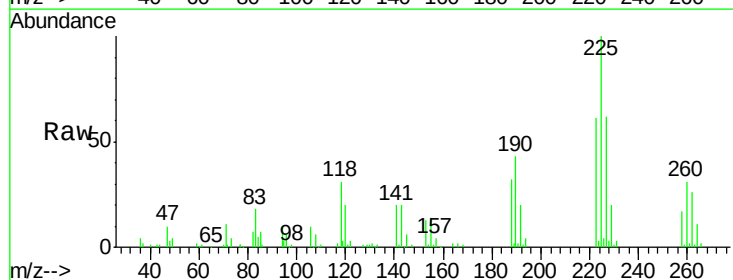
Manual Integrations
APPROVED

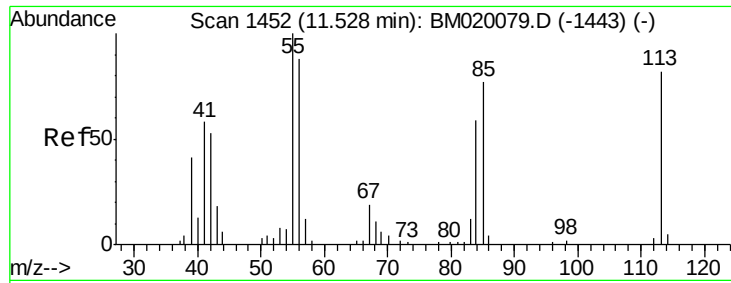
mohammad
5/15/2019 8:19:27 AM



#34
Hexachlorobutadiene
Concen: 36.814 ng
RT: 10.86 min Scan# 1339
Delta R.T. -0.05 min
Lab File: BM020339.D
Acq: 14 May 2019 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	124349		
223	60.7	48.9	73.3	
227	62.3	49.6	74.4	





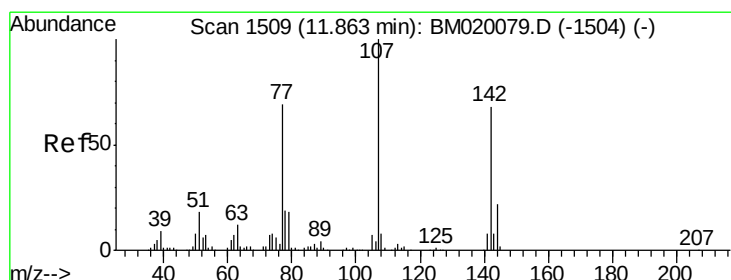
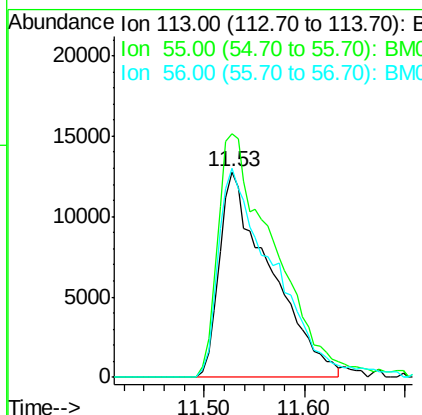
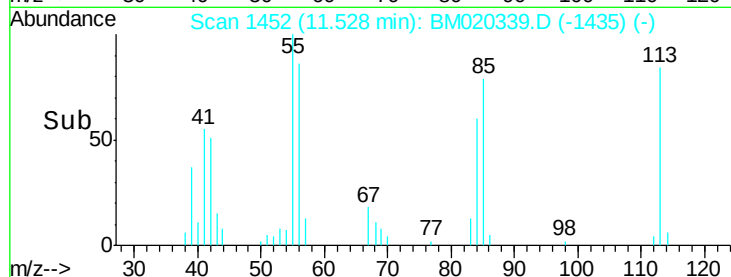
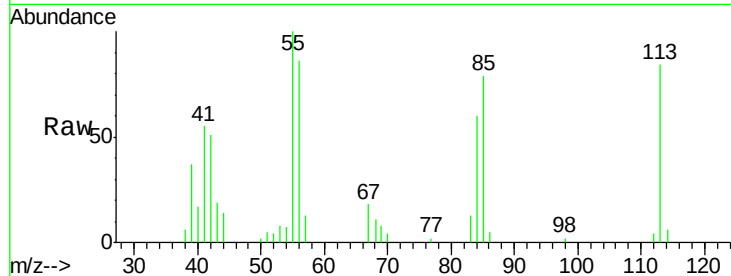
#35
 Caprolactam
 Concen: 38.889 ng m
 RT: 11.53 min Scan# 1452
 Delta R.T. -0.00 min
 Lab File: BM020339.D
 Acq: 14 May 2019 19:06

Instrument :
 BNA_M
 ClientSampleId :
 PB119718BS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	118.4	102.5	142.5
56	101.6	87.7	127.7

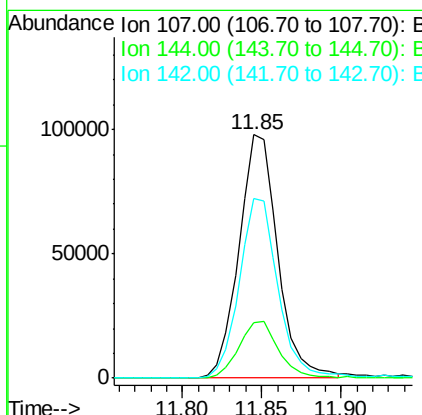
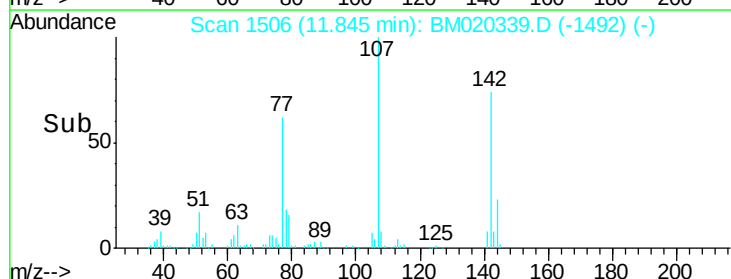
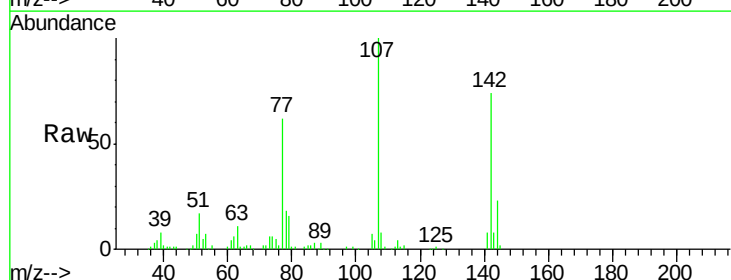
Manual Integrations
 APPROVED

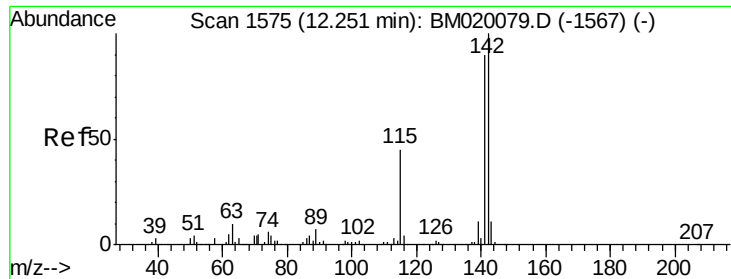
mohammad
 5/15/2019 8:19:27 AM



#36
 4-Chloro-3-methylphenol
 Concen: 36.580 ng
 RT: 11.85 min Scan# 1506
 Delta R.T. -0.02 min
 Lab File: BM020339.D
 Acq: 14 May 2019 19:06

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.6	17.6	26.4
142	73.9	54.6	82.0





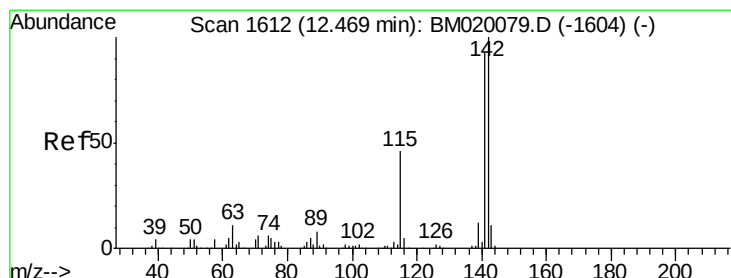
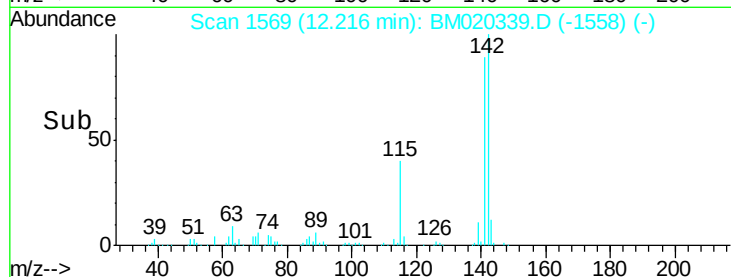
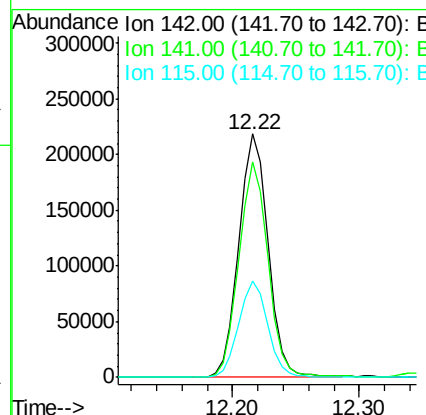
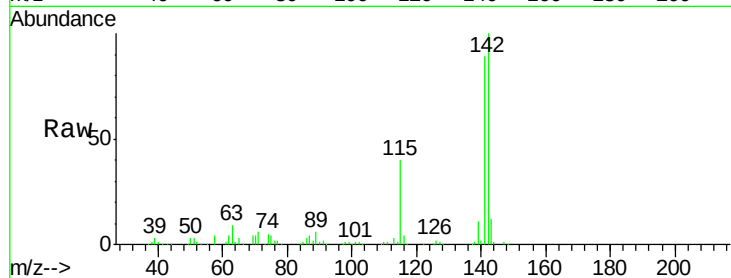
#37
2-Methylnaphthalene
Concen: 39.693 ng
RT: 12.22 min Scan# 1569
Delta R.T. -0.04 min
Lab File: BM020339.D
Acq: 14 May 2019 19:06

Instrument :
BNA_M
ClientSampleId :
PB119718BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
142	100		
141	88.6	71.6	107.4
115	39.6	35.8	53.6

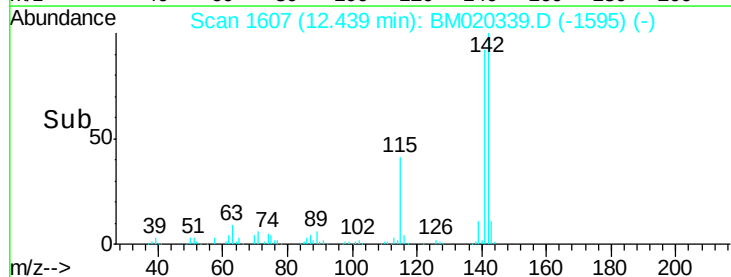
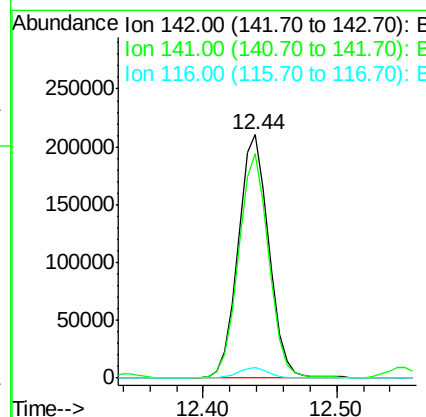
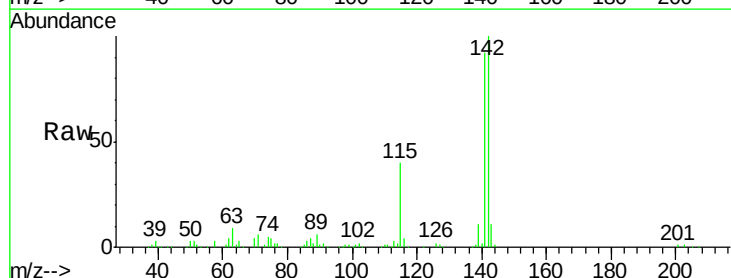
Manual Integrations
APPROVED

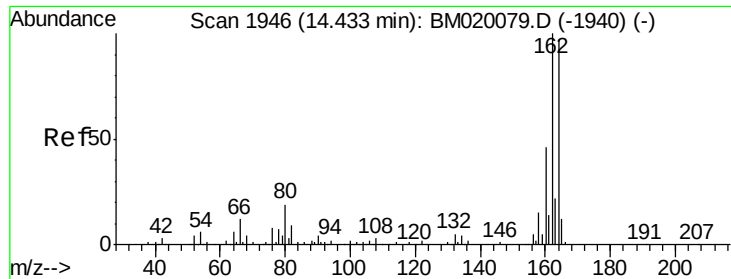
mohammad
5/15/2019 8:19:27 AM



#38
1-Methylnaphthalene
Concen: 38.686 ng
RT: 12.44 min Scan# 1607
Delta R.T. -0.03 min
Lab File: BM020339.D
Acq: 14 May 2019 19:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
142	100		
141	92.4	74.8	112.2
116	4.2	3.9	5.9





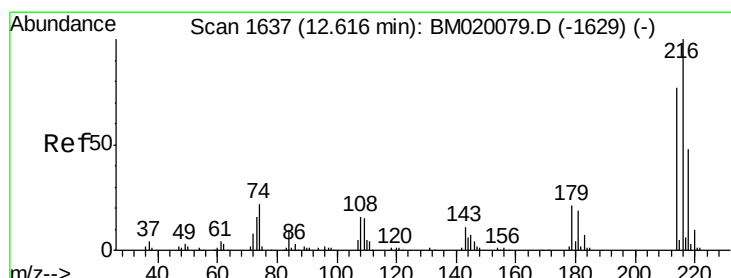
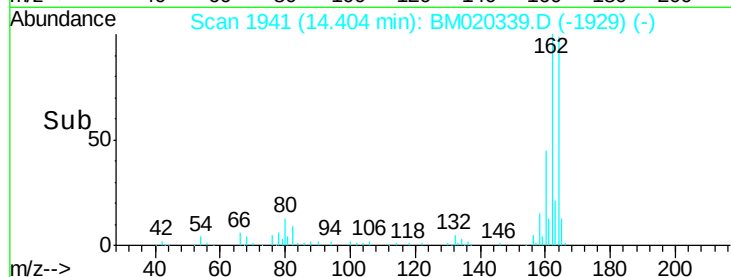
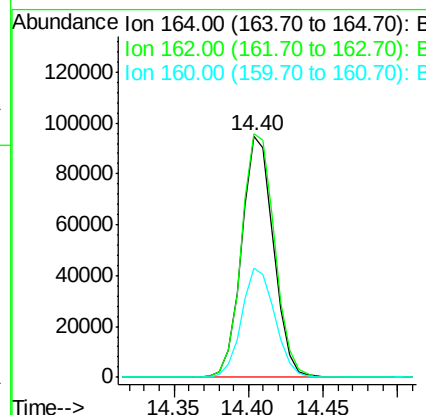
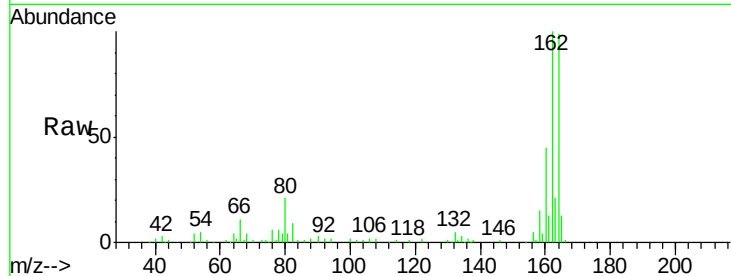
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.40 min Scan# 1941
Delta R.T. -0.03 min
Lab File: BM020339.D
Acq: 14 May 2019 19:06

Instrument :
BNA_M
ClientSampleId :
PB119718BS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	139893		
162	100.9	82.2	123.2	
160	45.0	37.6	56.4	

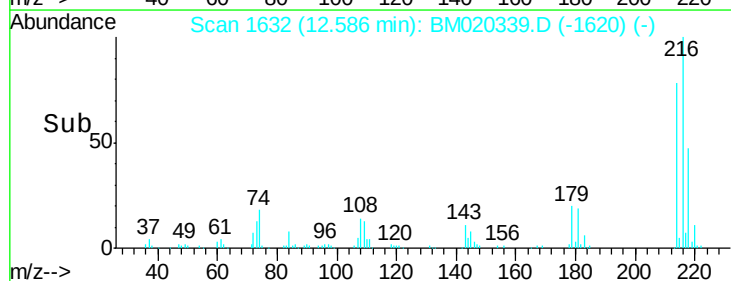
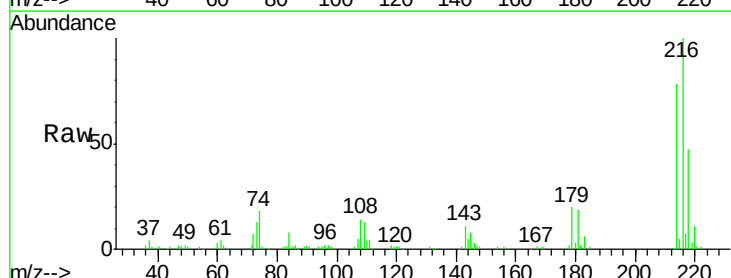
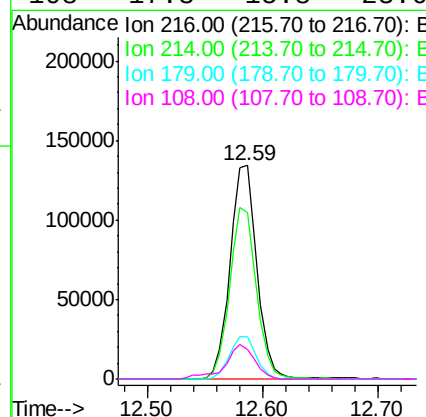
Manual Integrations
APPROVED

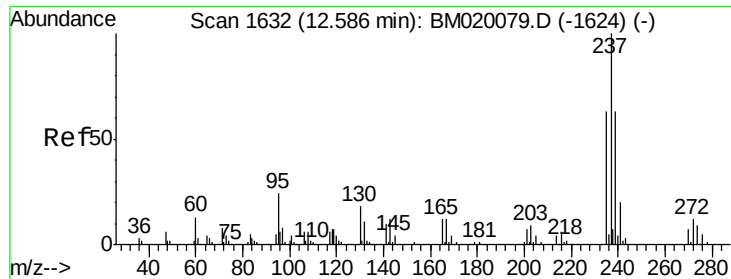
mohammad
5/15/2019 8:19:27 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.549 ng
RT: 12.59 min Scan# 1632
Delta R.T. -0.03 min
Lab File: BM020339.D
Acq: 14 May 2019 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	216458		
214	79.4	62.6	94.0	
179	19.9	17.1	25.7	
108	17.3	15.8	23.6	





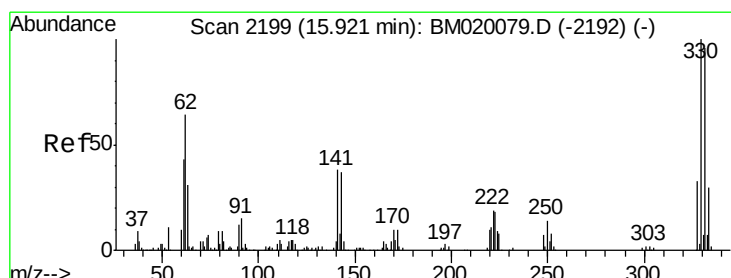
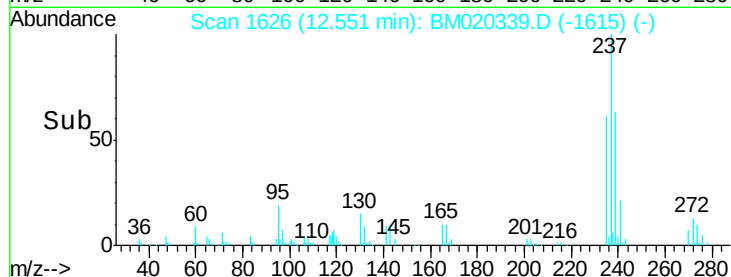
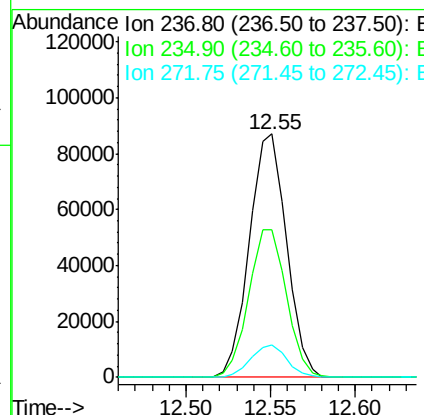
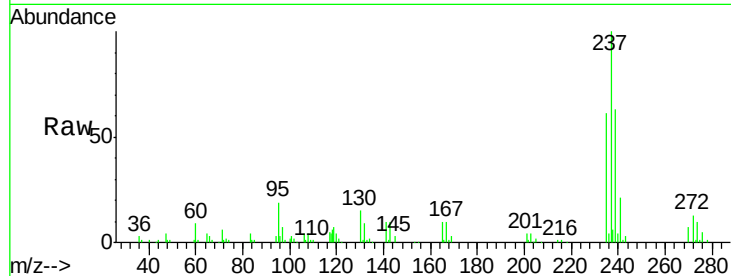
#41
Hexachlorocyclopentadiene
Concen: 41.325 ng
RT: 12.55 min Scan# 1626
Delta R.T. -0.04 min
Lab File: BM020339.D
Acq: 14 May 2019 19:06

Instrument :
BNA_M
ClientSampleId :
PB119718BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	60.9	43.4	83.4
272	13.3	0.0	31.7

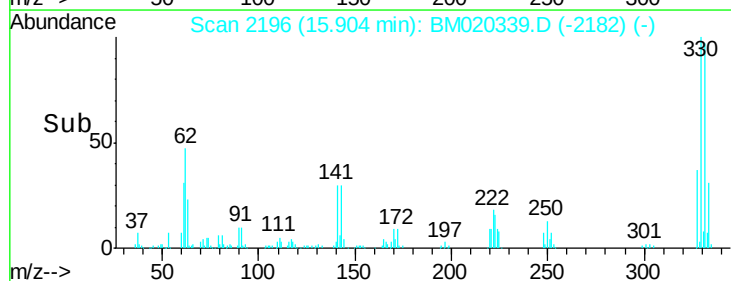
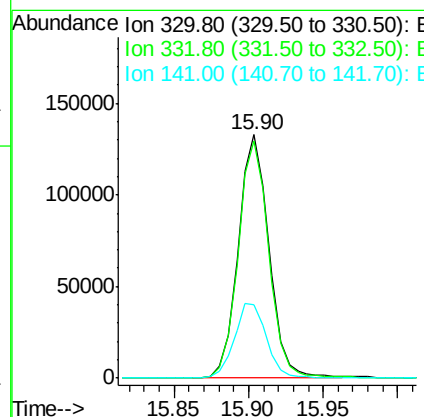
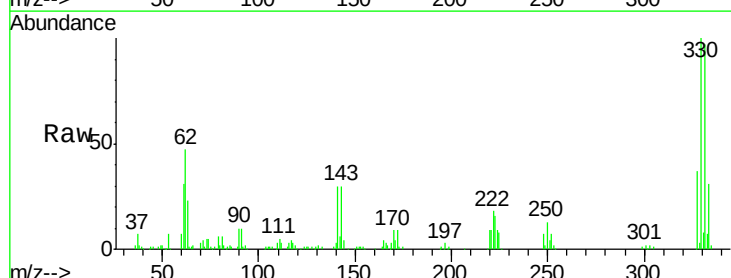
Manual Integrations
APPROVED

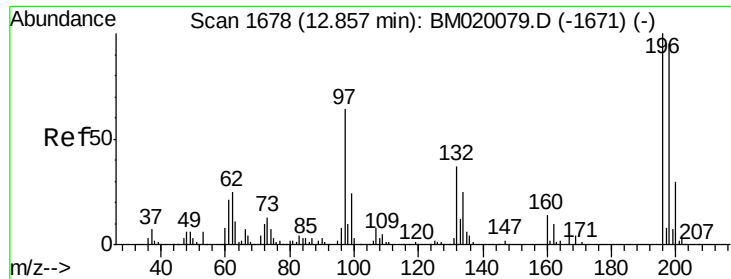
mohammad
5/15/2019 8:19:27 AM



#42
2,4,6-Tribromophenol
Concen: 87.777 ng
RT: 15.90 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BM020339.D
Acq: 14 May 2019 19:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	97.1	76.8	115.2
141	32.2	29.2	43.8





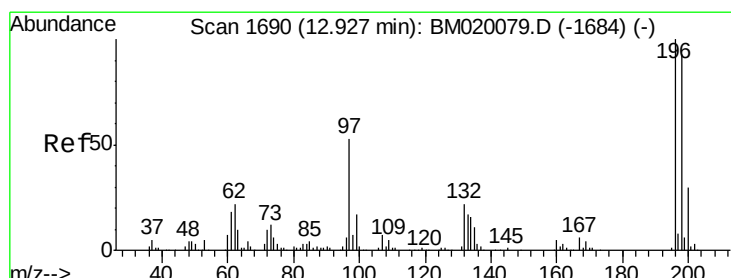
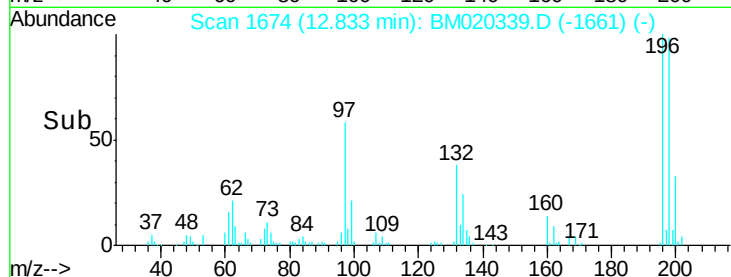
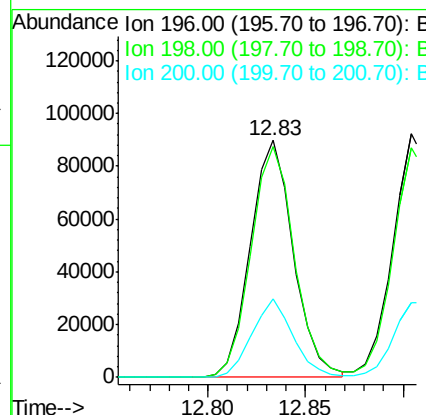
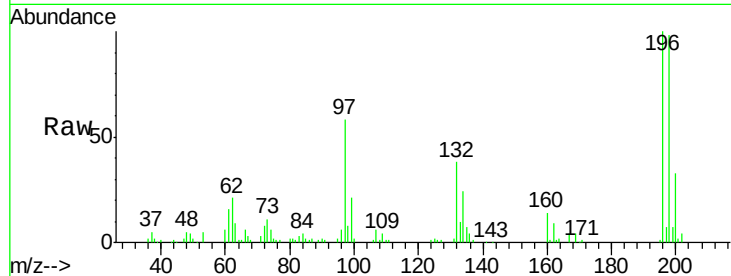
#43
 2,4,6-Trichlorophenol
 Concen: 44.128 ng
 RT: 12.83 min Scan# 1674
 Delta R.T. -0.02 min
 Lab File: BM020339.D
 Acq: 14 May 2019 19:06

Instrument :
 BNA_M
 ClientSampleId :
 PB119718BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	137262		
198	97.7	76.2	114.2	
200	32.9	24.3	36.5	

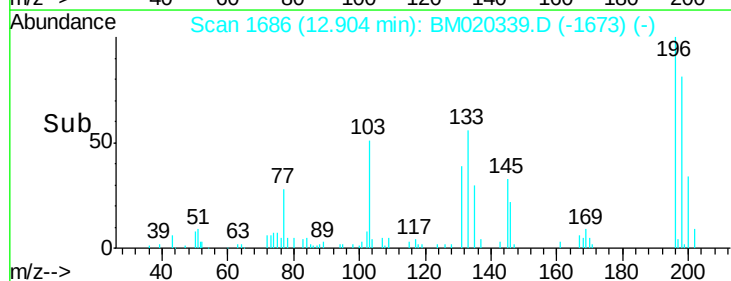
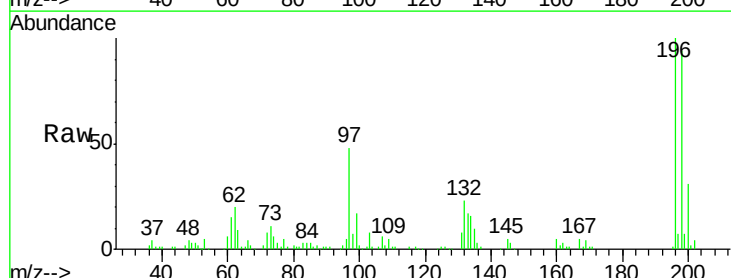
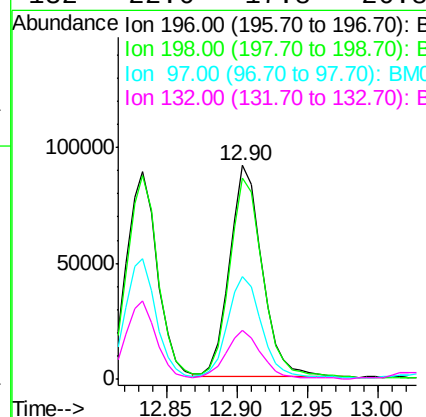
Manual Integrations
 APPROVED

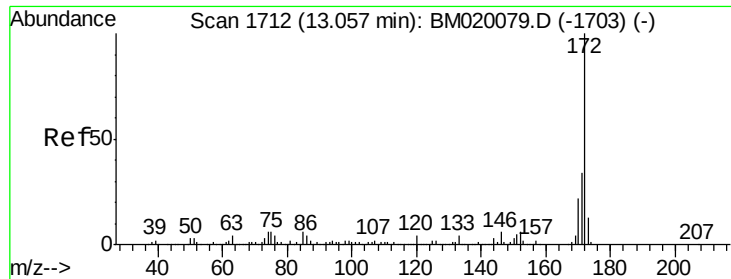
mohammad
 5/15/2019 8:19:27 AM



#44
 2,4,5-Trichlorophenol
 Concen: 42.133 ng
 RT: 12.90 min Scan# 1686
 Delta R.T. -0.02 min
 Lab File: BM020339.D
 Acq: 14 May 2019 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	146409		
198	94.3	74.7	112.1	
97	48.0	42.2	63.4	
132	22.6	17.8	26.8	





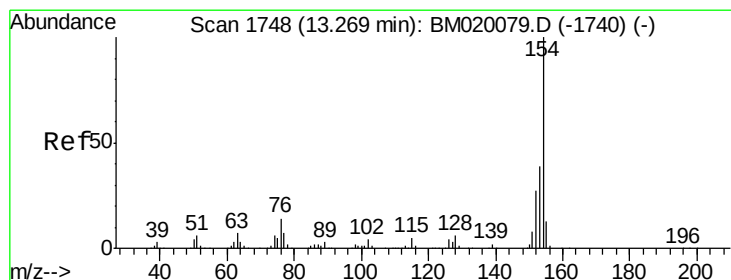
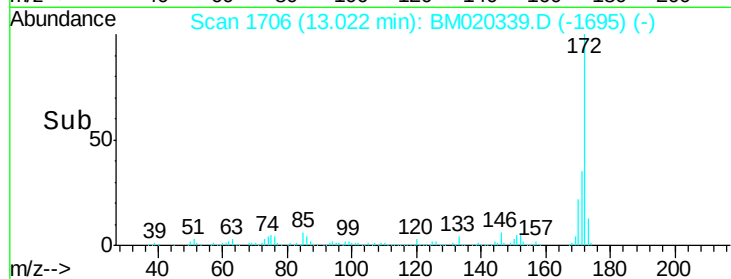
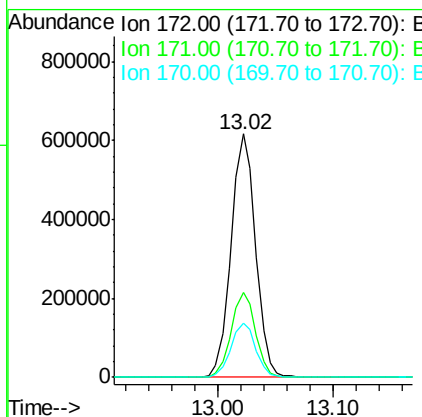
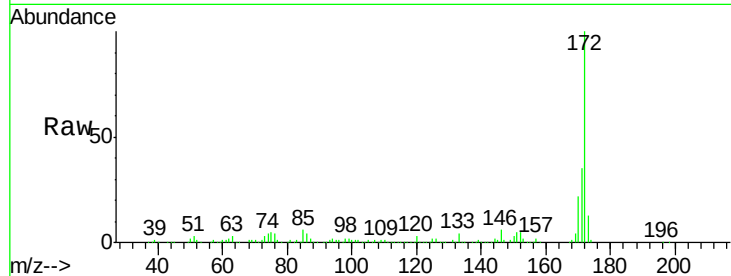
#45
 2-Fluorobiphenyl
 Concen: 79.595 ng
 RT: 13.02 min Scan# 1706
 Delta R.T. -0.04 min
 Lab File: BM020339.D
 Acq: 14 May 2019 19:06

Instrument :
 BNA_M
 ClientSampleId :
 PB119718BS

Tgt Ion:	172	Resp:	904997
Ion Ratio	Lower	Upper	
172	100		
171	35.1	27.3	40.9
170	22.5	17.9	26.9

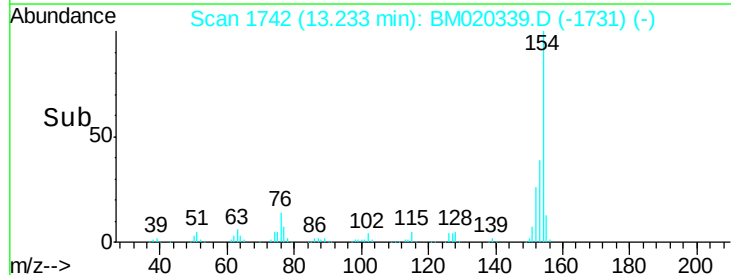
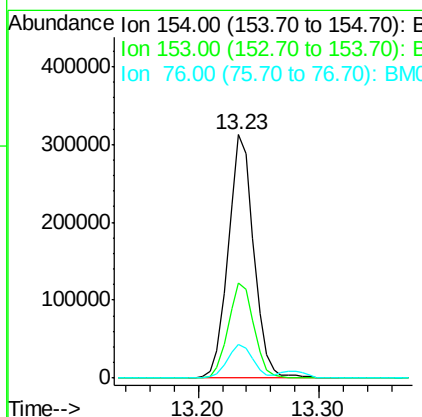
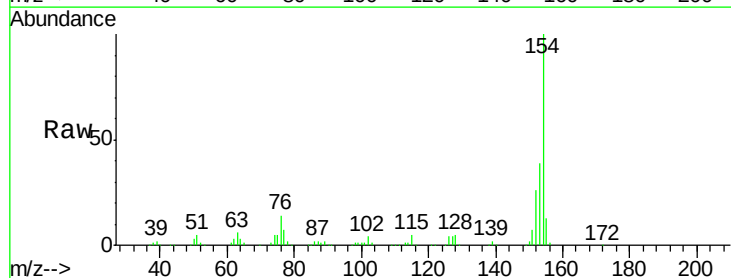
Manual Integrations
 APPROVED

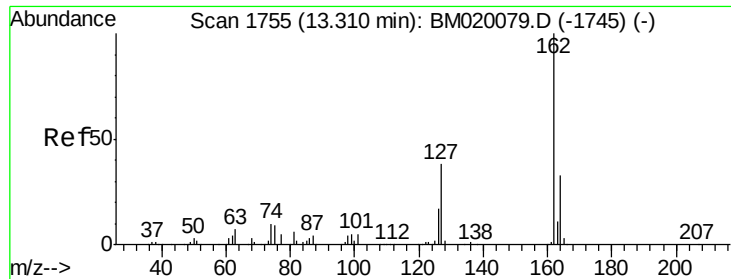
mohammad
 5/15/2019 8:19:27 AM



#46
 1,1'-Biphenyl
 Concen: 39.822 ng
 RT: 13.23 min Scan# 1742
 Delta R.T. -0.04 min
 Lab File: BM020339.D
 Acq: 14 May 2019 19:06

Tgt Ion:	154	Resp:	458532
Ion Ratio	Lower	Upper	
154	100		
153	39.1	19.4	59.4
76	13.7	0.0	34.5





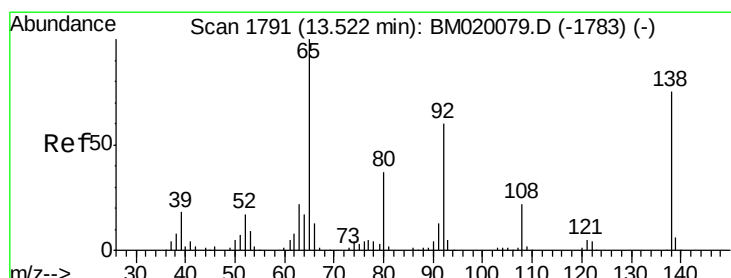
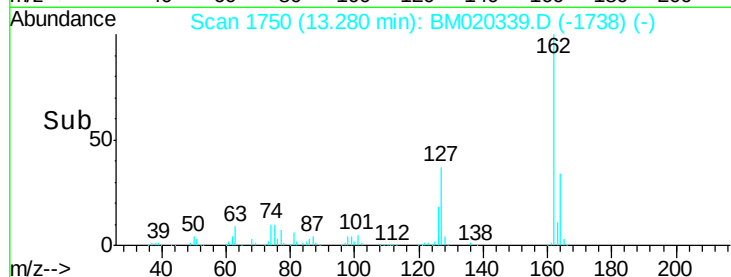
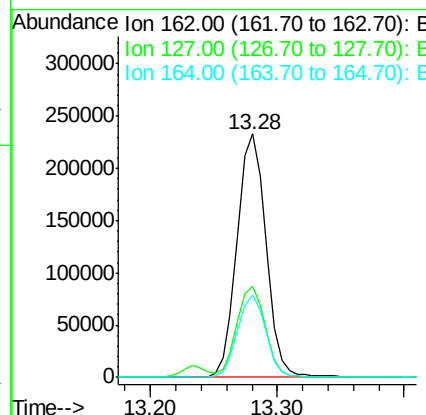
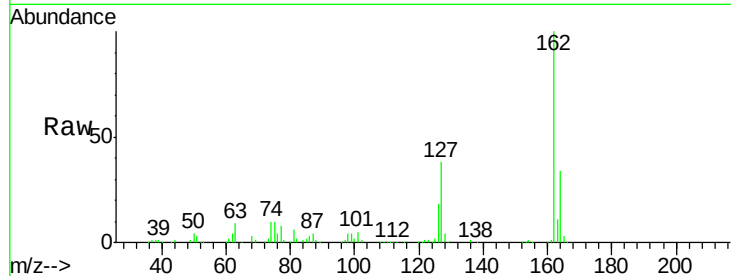
#47
 2-Chloronaphthalene
 Concen: 40.047 ng
 RT: 13.28 min Scan# 1750
 Delta R.T. -0.03 min
 Lab File: BM020339.D
 Acq: 14 May 2019 19:06

Instrument :
 BNA_M
 ClientSampleId :
 PB119718BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	37.6	31.0	46.4
164	33.8	26.2	39.2

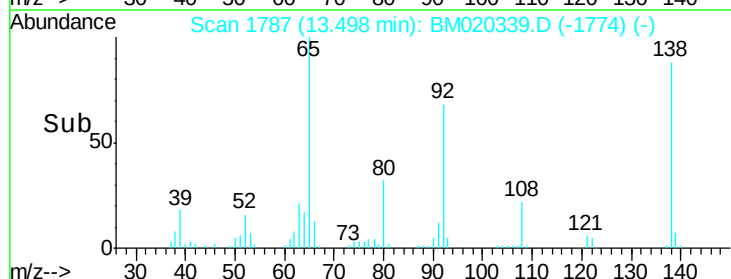
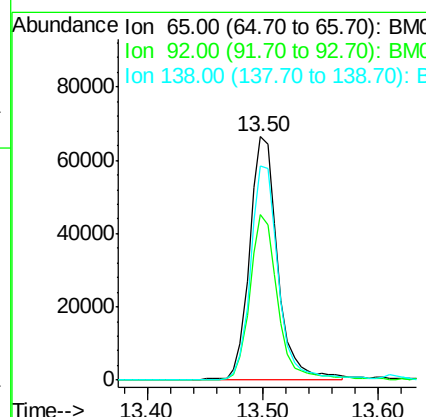
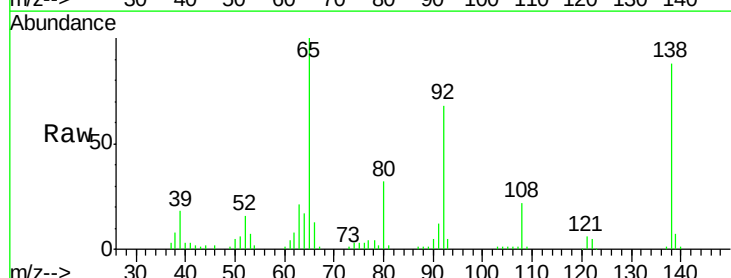
Manual Integrations
 APPROVED

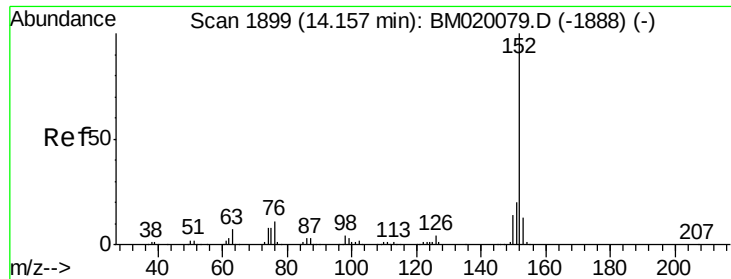
mohammad
 5/15/2019 8:19:27 AM



#48
 2-Nitroaniline
 Concen: 34.551 ng
 RT: 13.50 min Scan# 1787
 Delta R.T. -0.02 min
 Lab File: BM020339.D
 Acq: 14 May 2019 19:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
65	100		
92	67.7	48.2	72.4
138	87.8	60.3	90.5





#49

Acenaphthylene

Concen: 39.017 ng

RT: 14.13 min Scan# 1894

Delta R.T. -0.03 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

Instrument :

BNA_M

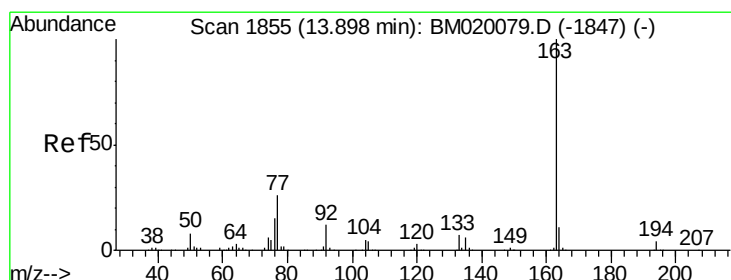
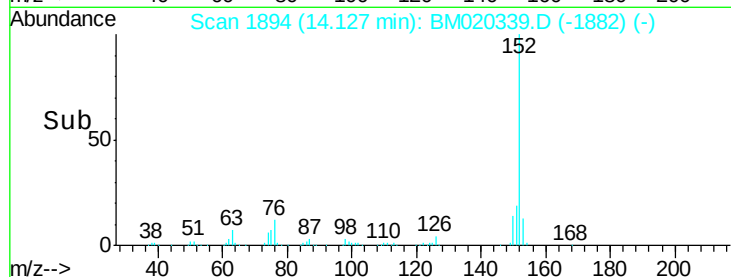
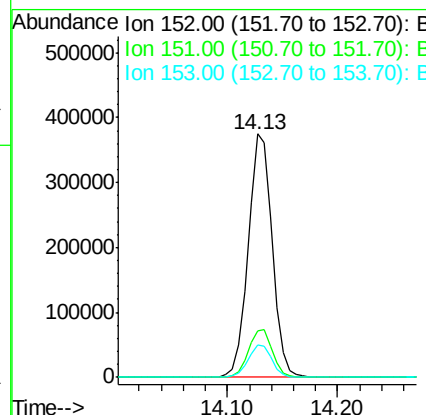
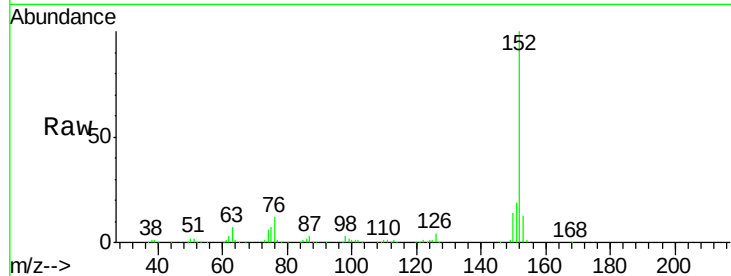
ClientSampleId :

PB119718BS

Tgt Ion:	152	Resp:	574068
Ion Ratio	Lower	Upper	
152	100		
151	19.2	16.2	24.2
153	13.4	10.6	16.0

Manual Integrations
APPROVED

mohammad
5/15/2019 8:19:27 AM



#50

Dimethylphthalate

Concen: 39.060 ng

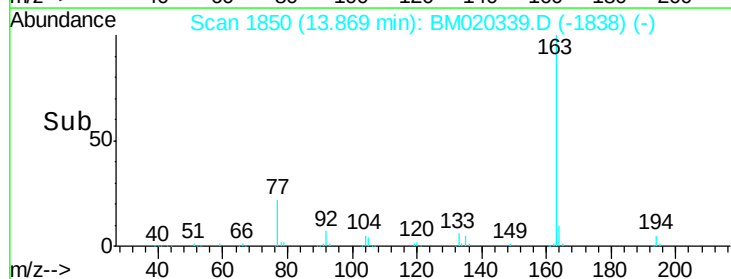
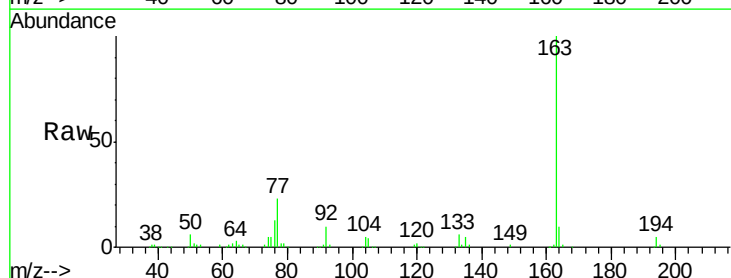
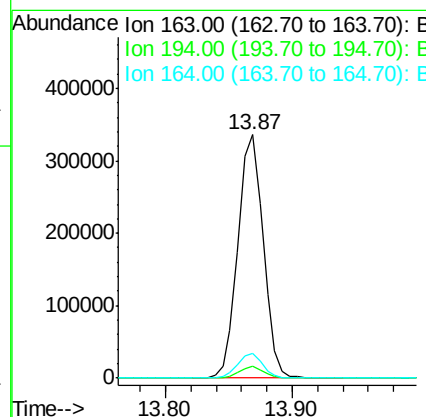
RT: 13.87 min Scan# 1850

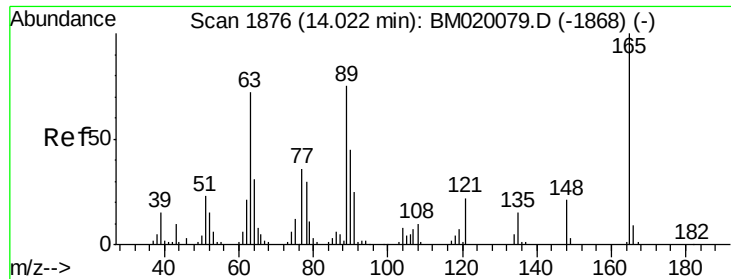
Delta R.T. -0.03 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

Tgt Ion:	163	Resp:	464414
Ion Ratio	Lower	Upper	
163	100		
194	4.7	3.6	5.4
164	10.0	8.4	12.6





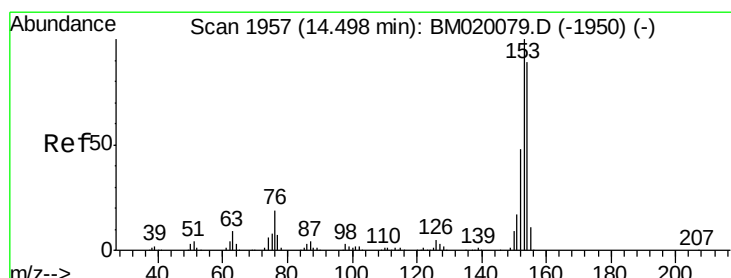
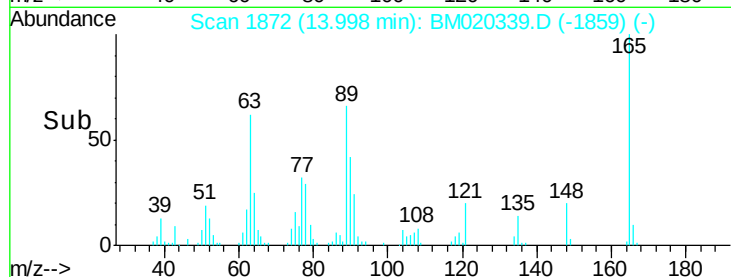
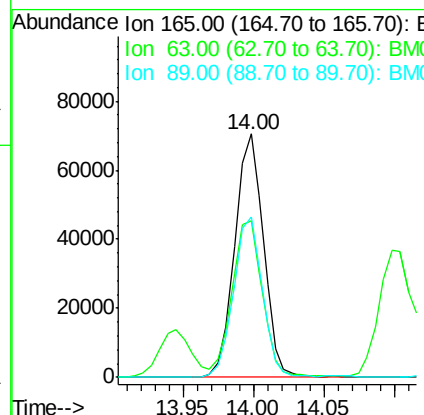
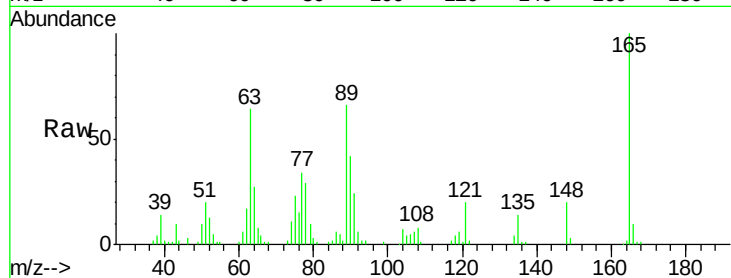
#51
2,6-Dinitrotoluene
Concen: 39.990 ng
RT: 14.00 min Scan# 1872
Delta R.T. -0.02 min
Lab File: BM020339.D
Acq: 14 May 2019 19:06

Instrument :
BNA_M
ClientSampleId :
PB119718BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	100144		
63	64.2	60.3	90.5	
89	66.1	59.8	89.6	

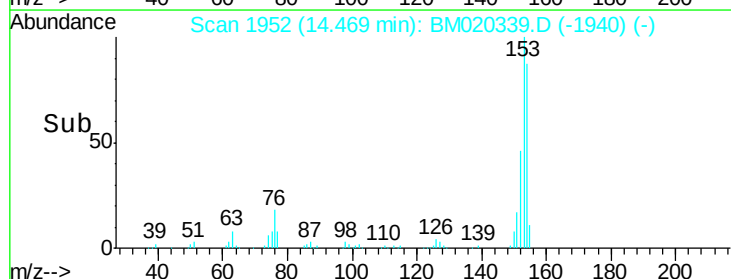
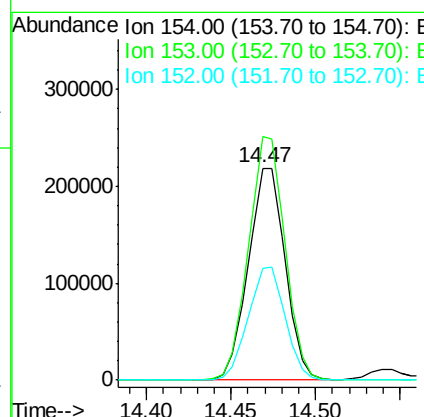
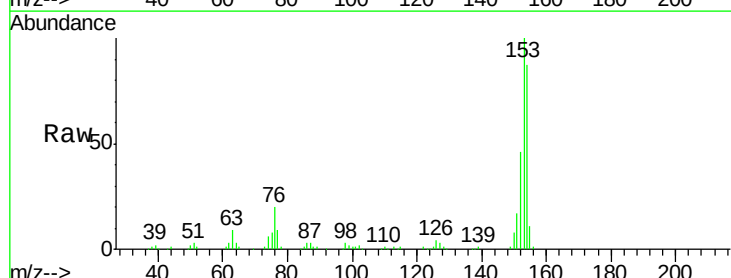
Manual Integrations
APPROVED

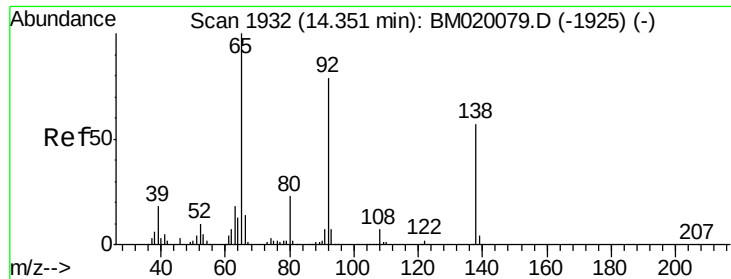
mohammad
5/15/2019 8:19:27 AM



#52
Acenaphthene
Concen: 39.489 ng
RT: 14.47 min Scan# 1952
Delta R.T. -0.03 min
Lab File: BM020339.D
Acq: 14 May 2019 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	333180		
153	114.7	90.2	135.2	
152	52.7	43.0	64.4	





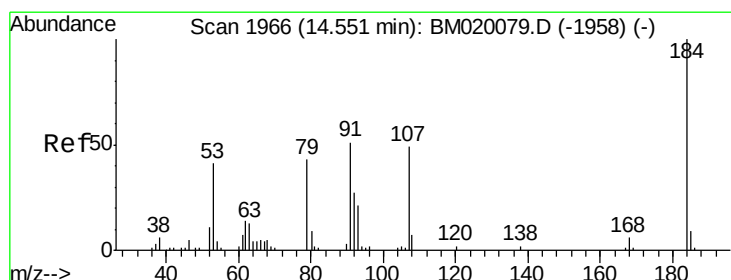
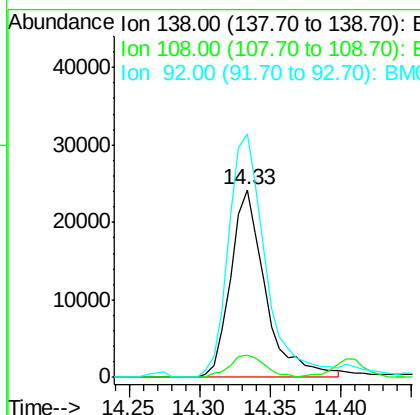
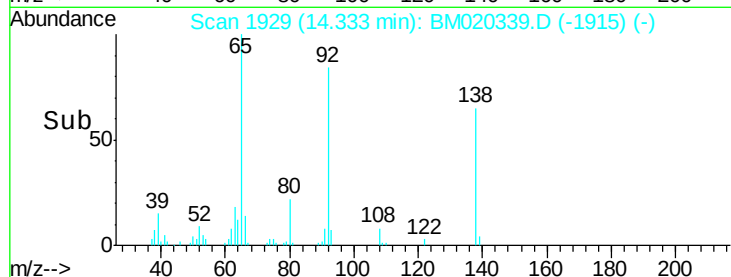
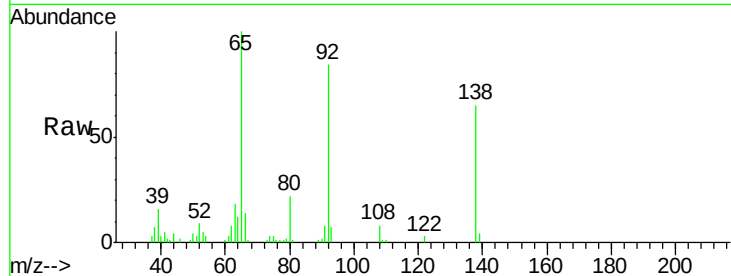
#53
 3-Nitroaniline
 Concen: 17.938 ng
 RT: 14.33 min Scan# 1929
 Delta R.T. -0.02 min
 Lab File: BM020339.D
 Acq: 14 May 2019 19:06

Instrument :
 BNA_M
 ClientSampleId :
 PB119718BS

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.8	10.4	15.6
92	129.8	111.3	166.9

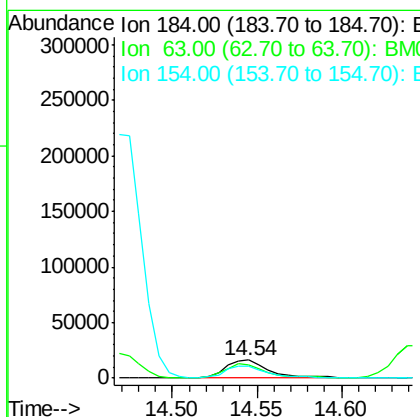
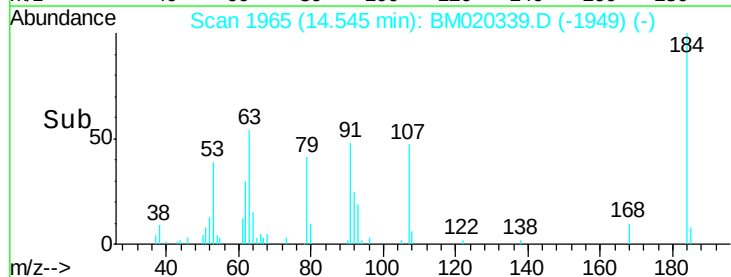
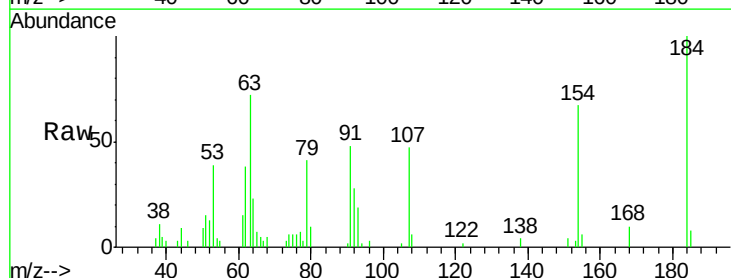
Manual Integrations
 APPROVED

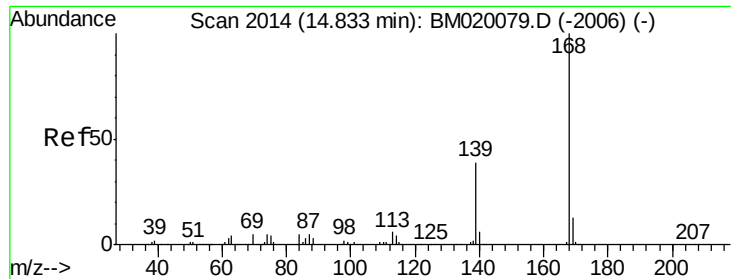
mohammad
 5/15/2019 8:19:27 AM



#54
 2,4-Dinitrophenol
 Concen: 29.141 ng
 RT: 14.54 min Scan# 1965
 Delta R.T. -0.01 min
 Lab File: BM020339.D
 Acq: 14 May 2019 19:06

Tgt Ion	Ratio	Lower	Upper
184	100		
63	72.3	68.9	103.3
154	66.8	54.4	81.6





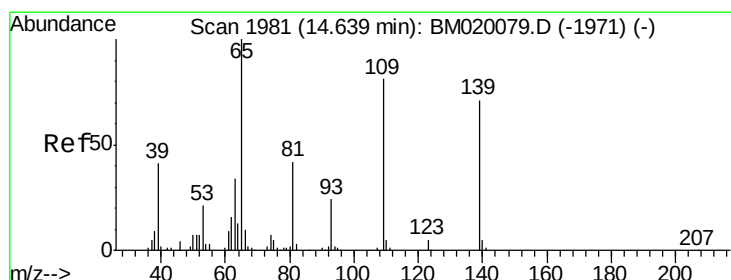
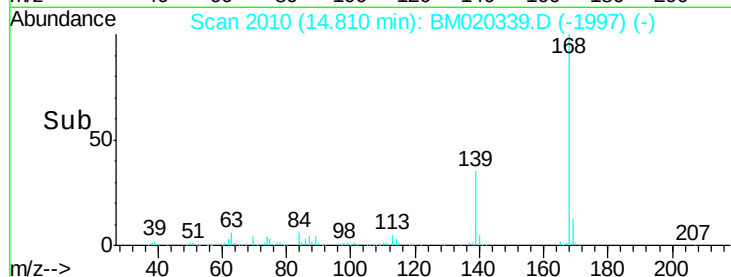
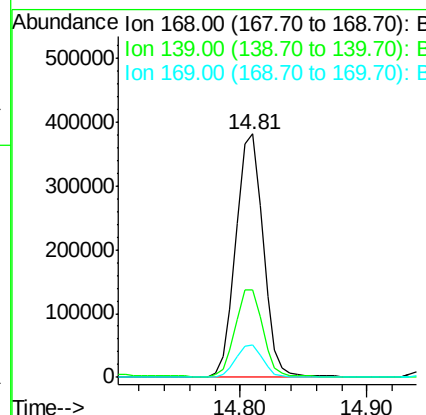
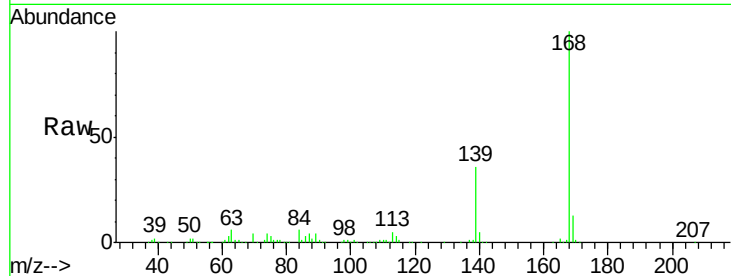
#55
Dibenzofuran
Concen: 40.045 ng
RT: 14.81 min Scan# 2010
Delta R.T. -0.02 min
Lab File: BM020339.D
Acq: 14 May 2019 19:06

Instrument :
BNA_M
ClientSampleId :
PB119718BS

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	569909		
139	35.9		31.1	46.7
169	13.2		10.6	16.0

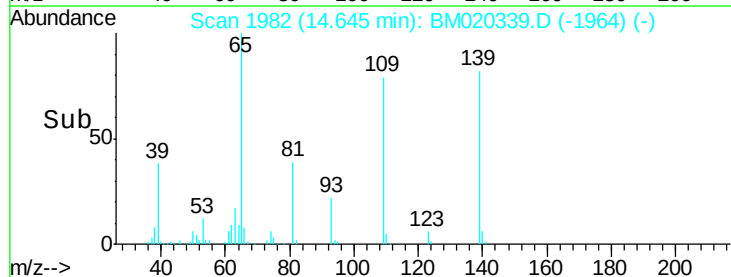
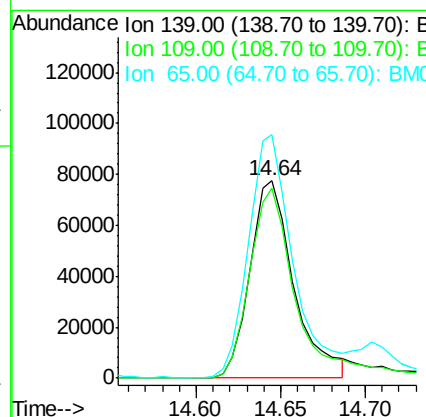
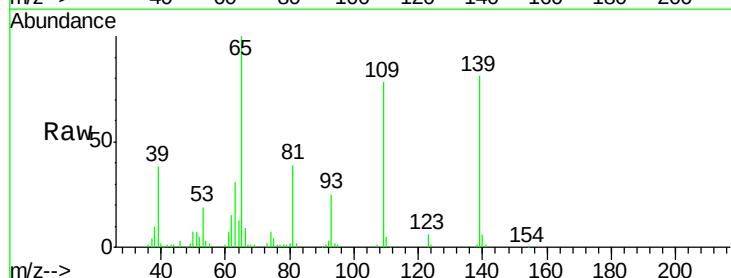
Manual Integrations
APPROVED

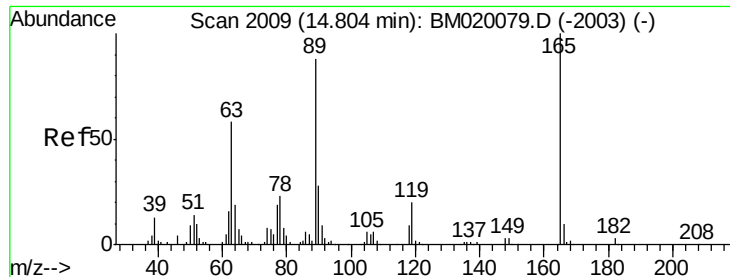
mohammad
5/15/2019 8:19:27 AM



#56
4-Nitrophenol
Concen: 70.711 ng
RT: 14.64 min Scan# 1982
Delta R.T. 0.01 min
Lab File: BM020339.D
Acq: 14 May 2019 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	140224		
109	96.3		94.1	134.1
65	123.4		120.9	160.9





#57

2,4-Dinitrotoluene

Concen: 40.154 ng

RT: 14.79 min Scan# 2006

Delta R.T. -0.02 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

Instrument :

BNA_M

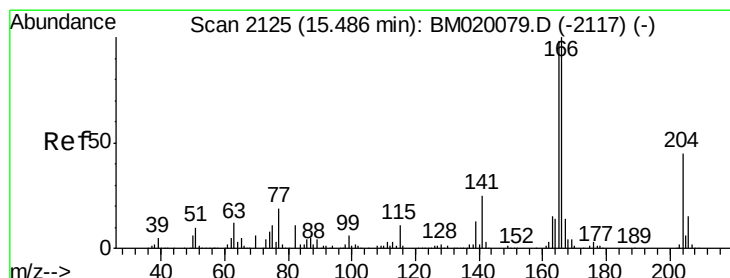
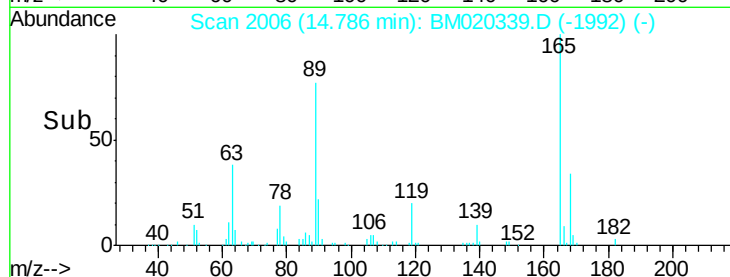
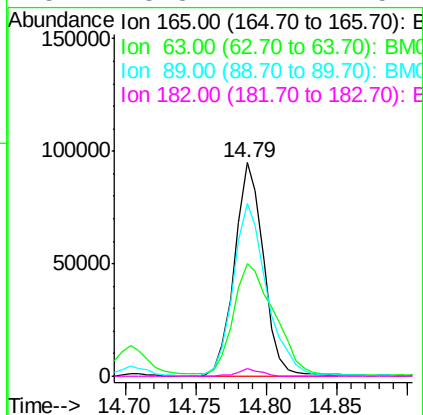
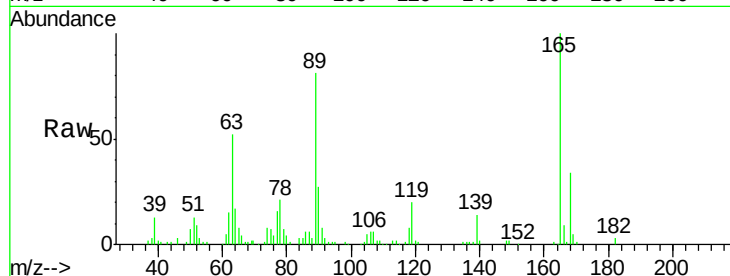
ClientSampleId :

PB119718BS

Tgt Ion:	165	Resp:	136638
Ion Ratio	Lower	Upper	
165	100		
63	52.5	46.2	69.2
89	80.9	70.6	105.8
182	3.3	2.2	3.2#

Manual Integrations
APPROVED

mohammad
5/15/2019 8:19:27 AM



#58

Fluorene

Concen: 39.250 ng

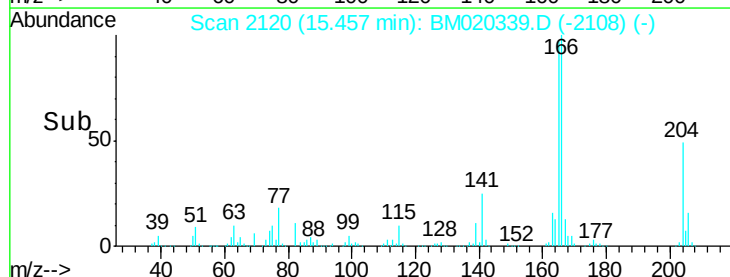
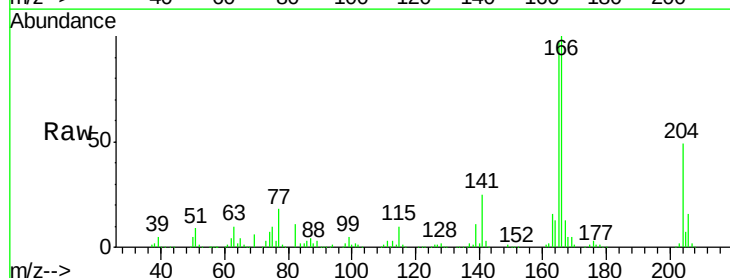
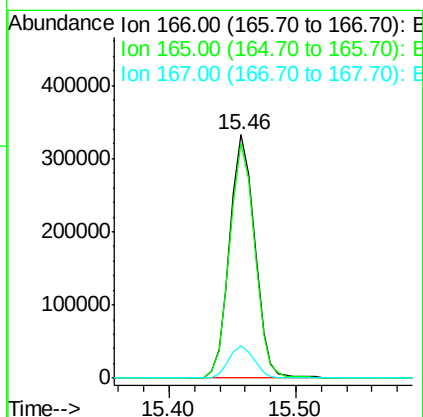
RT: 15.46 min Scan# 2120

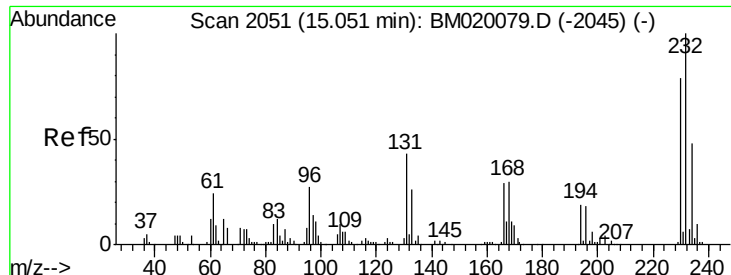
Delta R.T. -0.03 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

Tgt Ion:	166	Resp:	458758
Ion Ratio	Lower	Upper	
166	100		
165	96.6	78.2	117.2
167	13.1	11.0	16.4





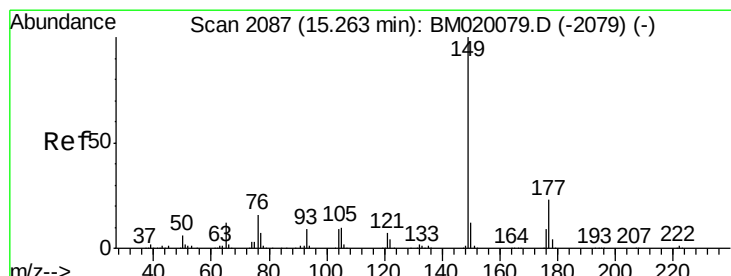
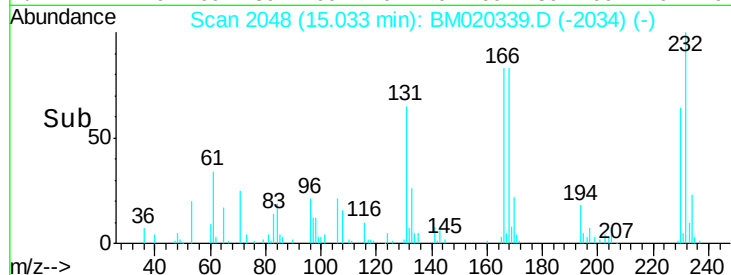
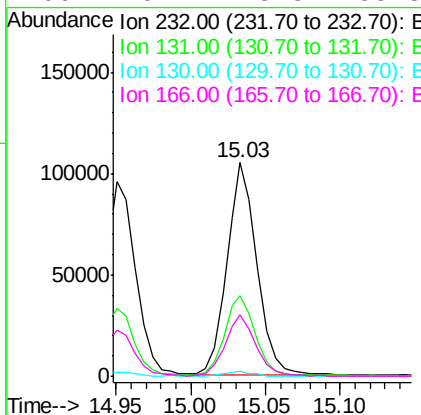
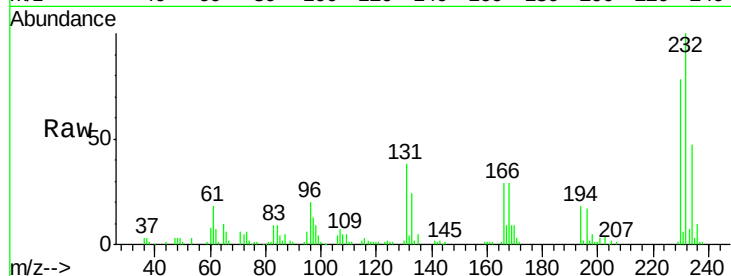
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.916 ng
 RT: 15.03 min Scan# 2048
 Delta R.T. -0.02 min
 Lab File: BM020339.D
 Acq: 14 May 2019 19:06

Instrument :
 BNA_M
 ClientSampleId :
 PB119718BS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	145019		
131	38.3	34.2	51.4	
130	2.1	2.0	3.0	
166	29.7	23.8	35.8	

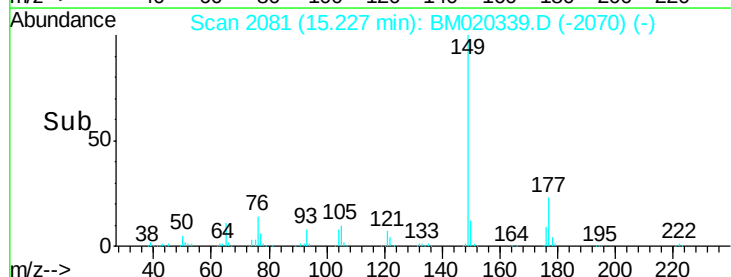
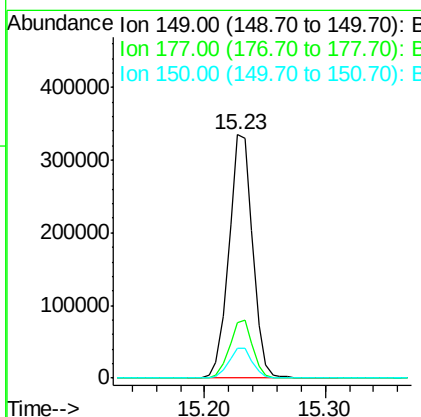
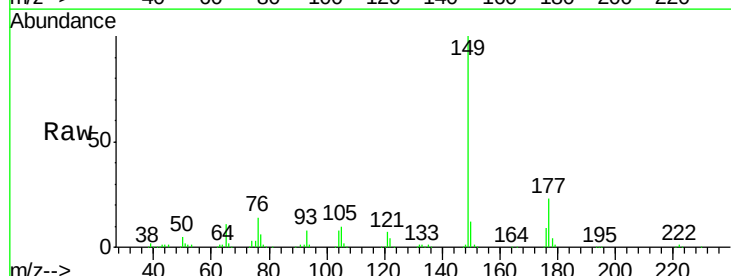
Manual Integrations
 APPROVED

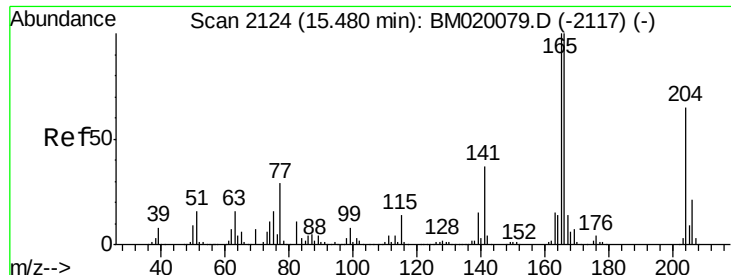
mohammad
 5/15/2019 8:19:27 AM



#60
 Diethylphthalate
 Concen: 38.262 ng
 RT: 15.23 min Scan# 2081
 Delta R.T. -0.04 min
 Lab File: BM020339.D
 Acq: 14 May 2019 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	458333		
177	22.7	18.2	27.4	
150	12.1	9.9	14.9	





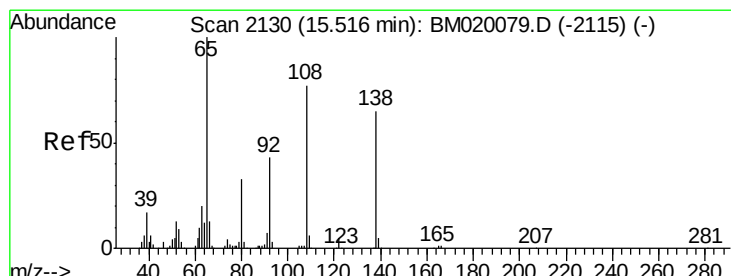
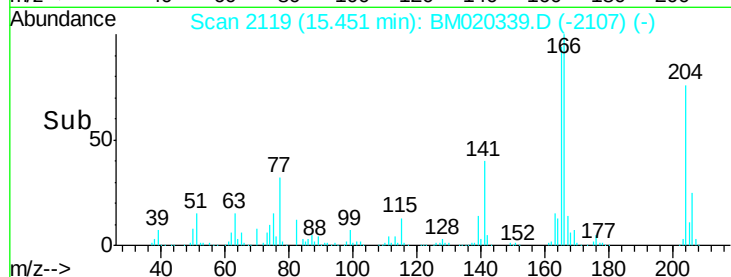
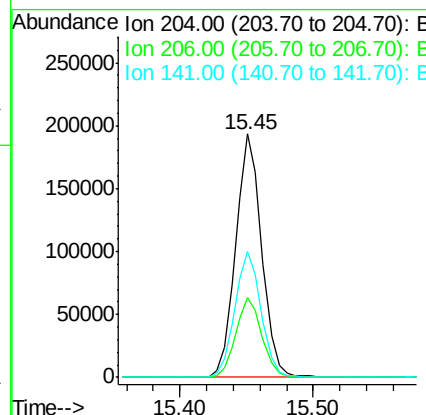
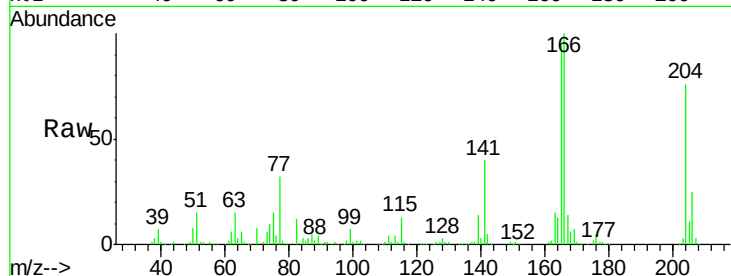
#61
 4-Chlorophenyl-phenylether
 Concen: 39.681 ng
 RT: 15.45 min Scan# 2119
 Delta R.T. -0.03 min
 Lab File: BM020339.D
 Acq: 14 May 2019 19:06

Instrument :
 BNA_M
 ClientSampled :
 PB119718BS

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	262787		
206	32.5	25.6	38.4	
141	51.9	46.1	69.1	

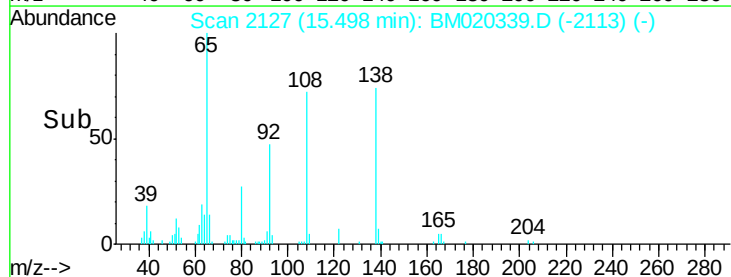
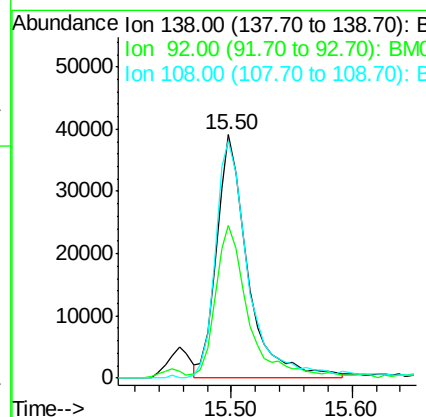
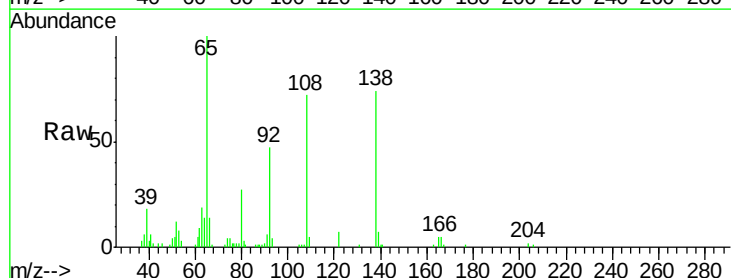
Manual Integrations
 APPROVED

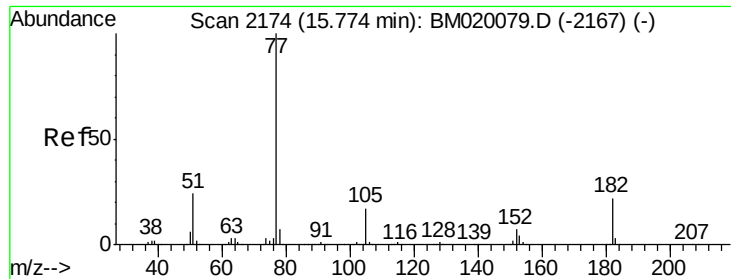
mohammad
 5/15/2019 8:19:27 AM



#62
 4-Nitroaniline
 Concen: 27.330 ng m
 RT: 15.50 min Scan# 2127
 Delta R.T. -0.02 min
 Lab File: BM020339.D
 Acq: 14 May 2019 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	70102		
92	63.0	45.9	85.9	
108	97.5	97.7	137.7#	





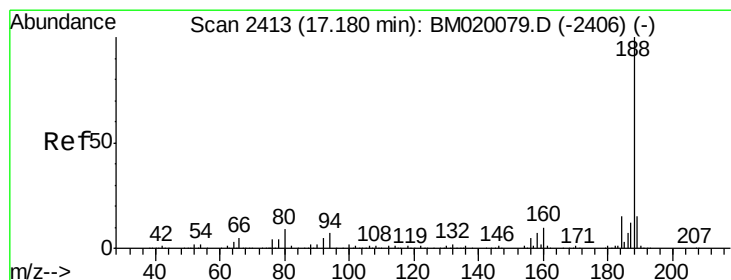
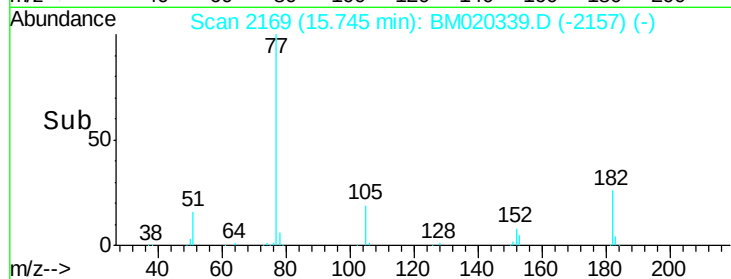
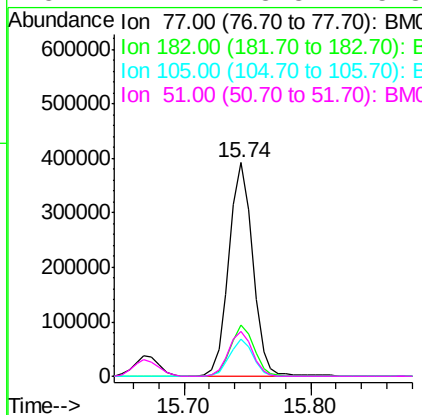
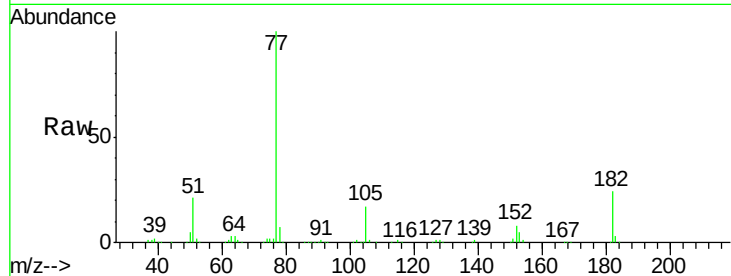
#63
Azobenzene
Concen: 35.773 ng
RT: 15.74 min Scan# 2169
Delta R.T. -0.03 min
Lab File: BM020339.D
Acq: 14 May 2019 19:06

Instrument :
BNA_M
ClientSampleId :
PB119718BS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.7	2.1	42.1
105	17.3	0.0	36.8
51	21.2	3.8	43.8

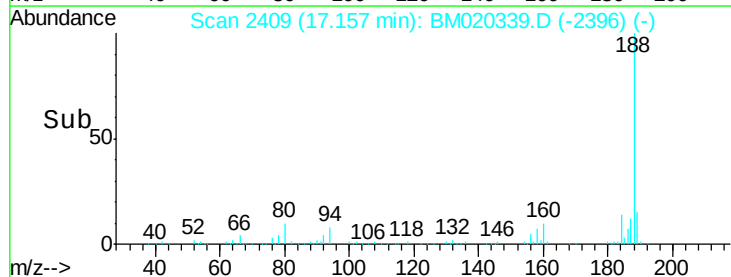
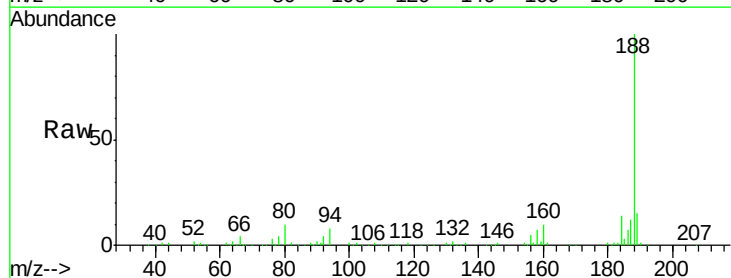
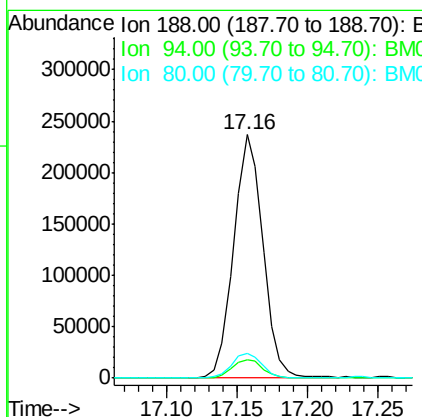
Manual Integrations
APPROVED

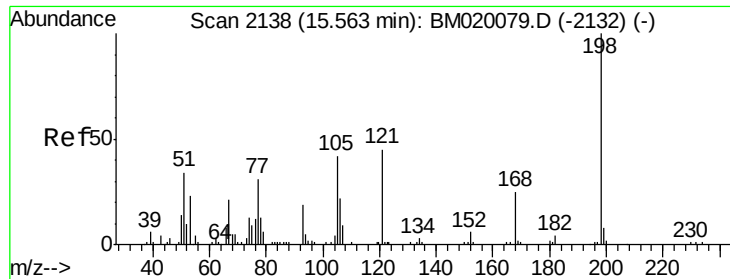
mohammad
5/15/2019 8:19:27 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2409
Delta R.T. -0.02 min
Lab File: BM020339.D
Acq: 14 May 2019 19:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	5.8	8.6
80	10.0	7.4	11.2





#65

4,6-Dinitro-2-methylphenol

Concen: 19.278 ng

RT: 15.54 min Scan# 2135

Delta R.T. -0.02 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

Instrument :

BNA_M

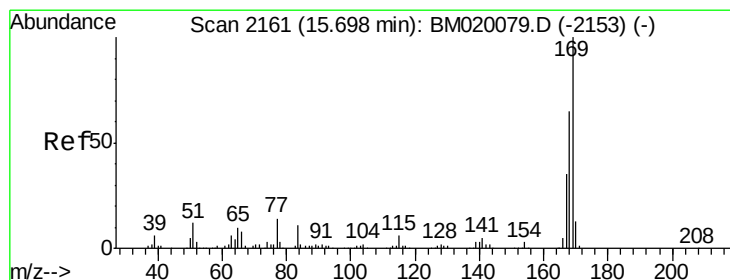
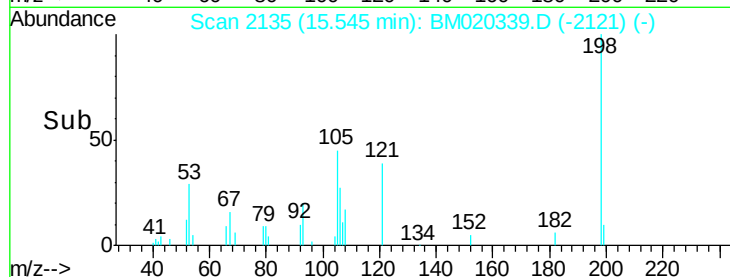
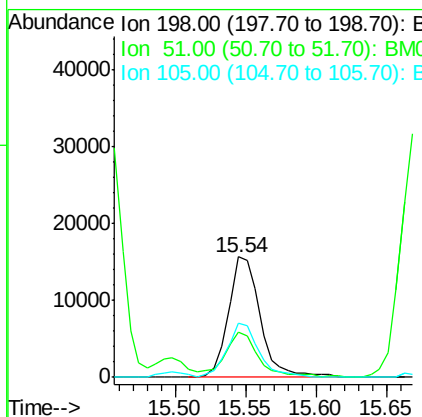
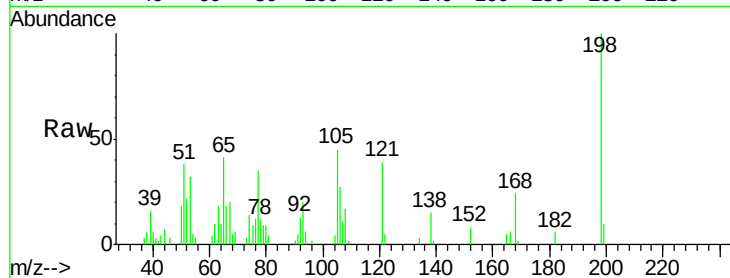
ClientSampleId :

PB119718BS

Tgt Ion:	198	Resp:	24640
Ion Ratio	Lower	Upper	
198	100		
51	37.7	16.5	56.5
105	45.2	22.8	62.8

Manual Integrations
APPROVED

mohammad
5/15/2019 8:19:27 AM



#66

n-Nitrosodiphenylamine

Concen: 39.780 ng

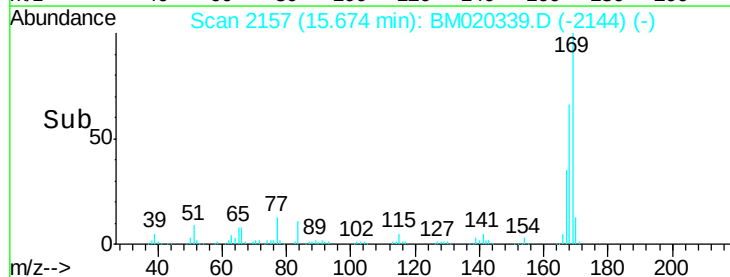
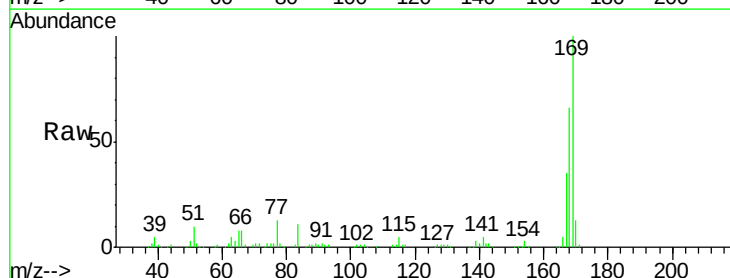
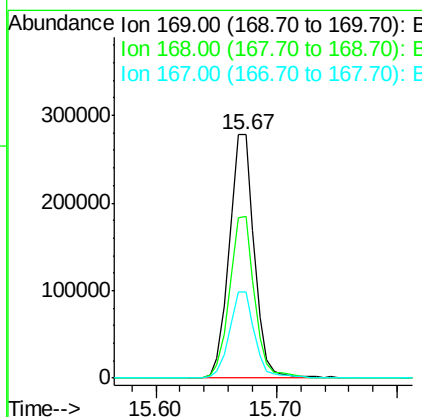
RT: 15.67 min Scan# 2157

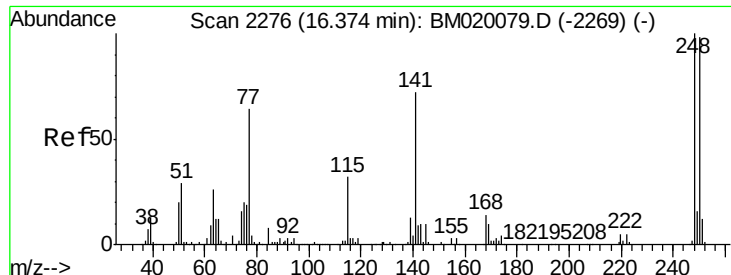
Delta R.T. -0.02 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

Tgt Ion:	169	Resp:	401406
Ion Ratio	Lower	Upper	
169	100		
168	66.5	51.9	77.9
167	35.5	27.8	41.6





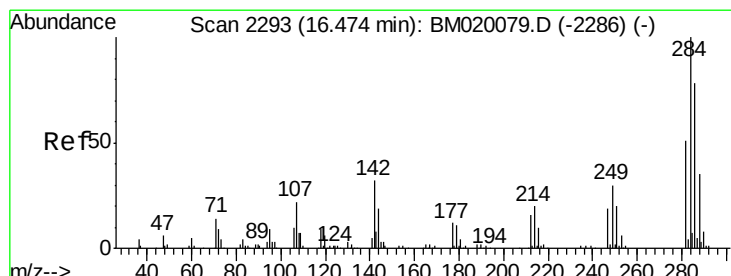
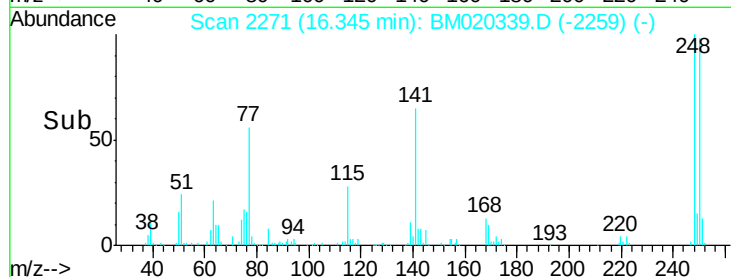
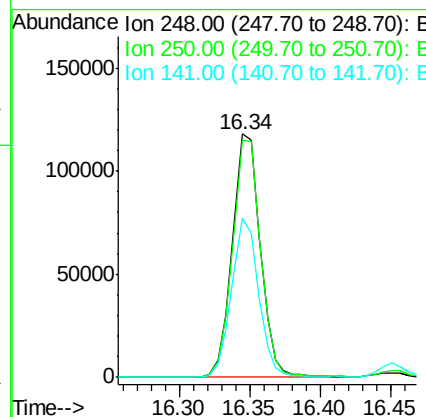
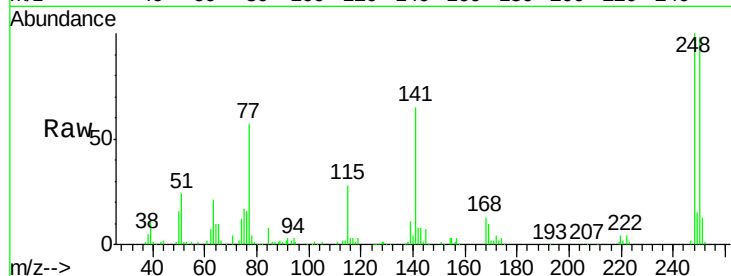
#67
 4-Bromophenyl-phenylether
 Concen: 39.051 ng
 RT: 16.34 min Scan# 2271
 Delta R.T. -0.03 min
 Lab File: BM020339.D
 Acq: 14 May 2019 19:06

Instrument :
 BNA_M
 ClientSampleId :
 PB119718BS

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	164213		
250	97.6	78.4	117.6	
141	65.2	57.4	86.2	

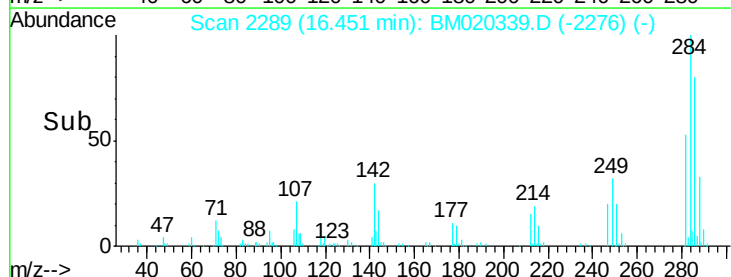
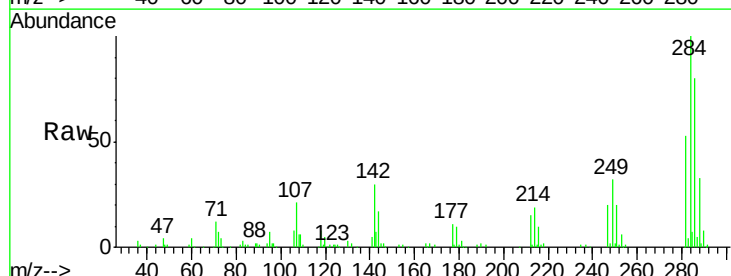
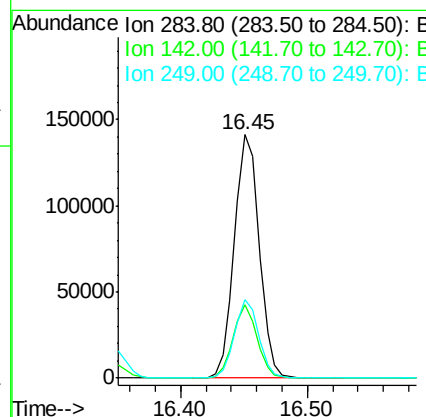
Manual Integrations
 APPROVED

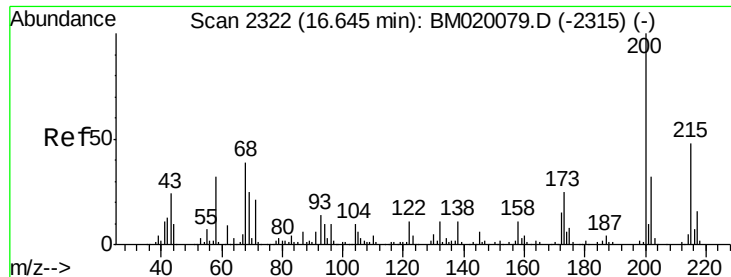
mohammad
 5/15/2019 8:19:27 AM



#68
 Hexachlorobenzene
 Concen: 39.540 ng
 RT: 16.45 min Scan# 2289
 Delta R.T. -0.02 min
 Lab File: BM020339.D
 Acq: 14 May 2019 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	191331		
142	30.4	25.2	37.8	
249	32.3	23.6	35.4	





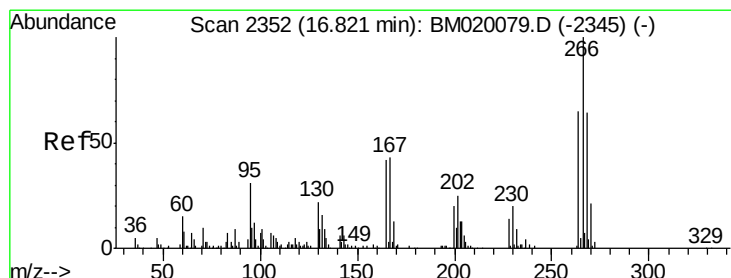
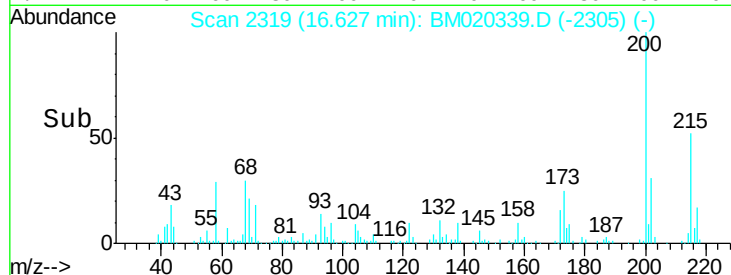
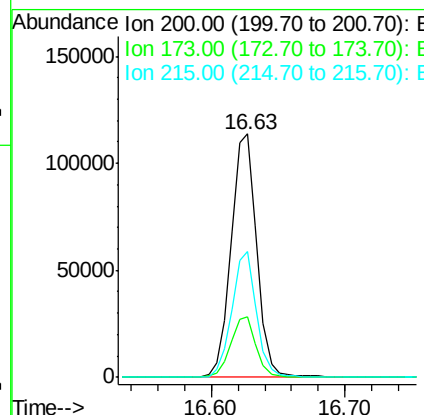
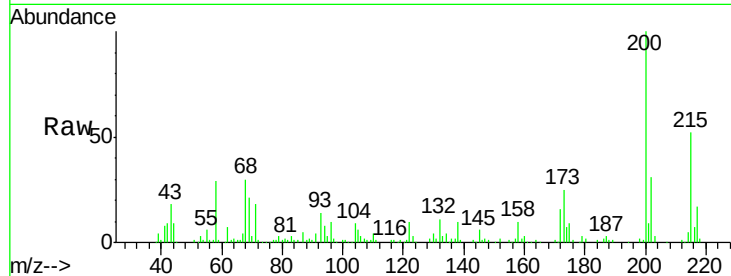
#69
Atrazine
Concen: 38.984 ng
RT: 16.63 min Scan# 2319
Delta R.T. -0.02 min
Lab File: BM020339.D
Acq: 14 May 2019 19:06

Instrument :
BNA_M
ClientSampleId :
PB119718BS

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	153729		
173	24.8	4.6	44.6	
215	51.7	28.0	68.0	

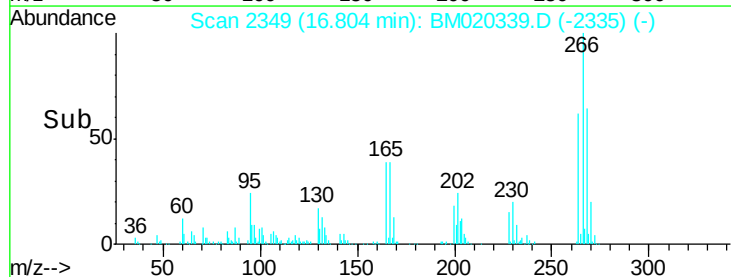
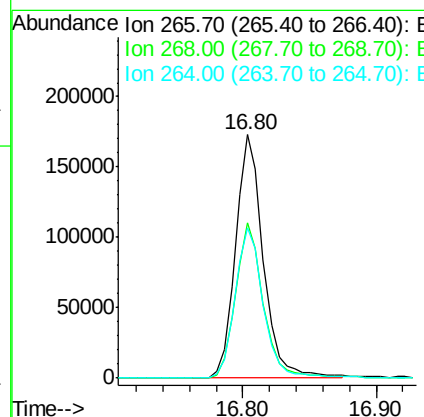
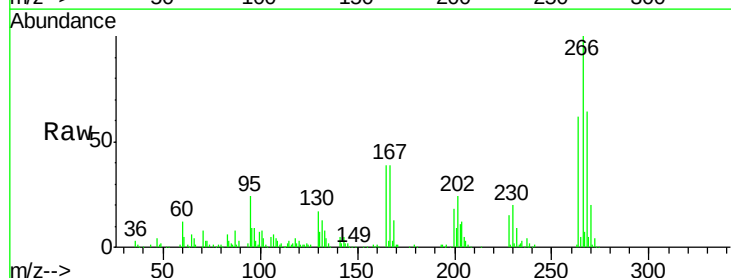
Manual Integrations
APPROVED

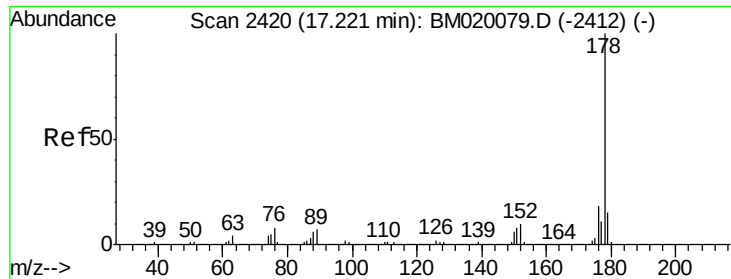
mohammad
5/15/2019 8:19:27 AM



#70
Pentachlorophenol
Concen: 90.577 ng
RT: 16.80 min Scan# 2349
Delta R.T. -0.02 min
Lab File: BM020339.D
Acq: 14 May 2019 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	250777		
268	63.9	51.4	77.0	
264	61.9	52.0	78.0	





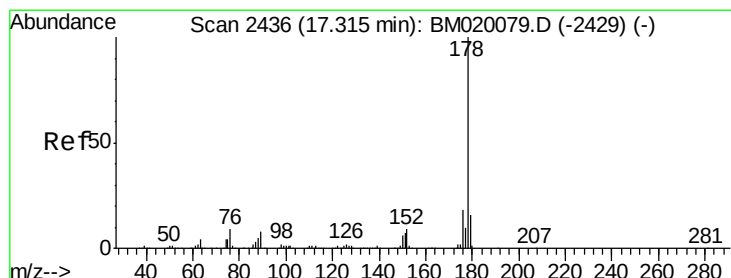
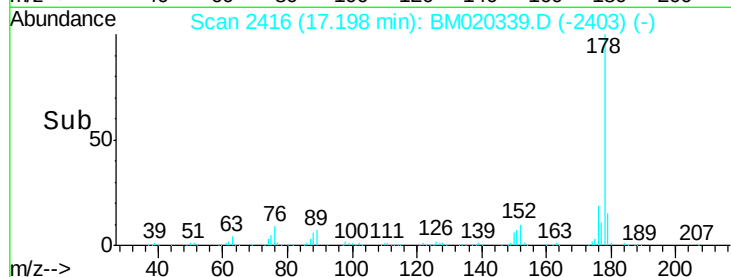
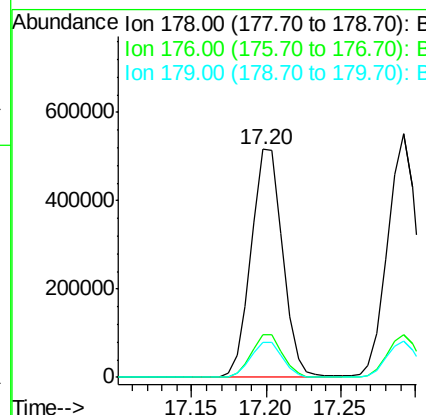
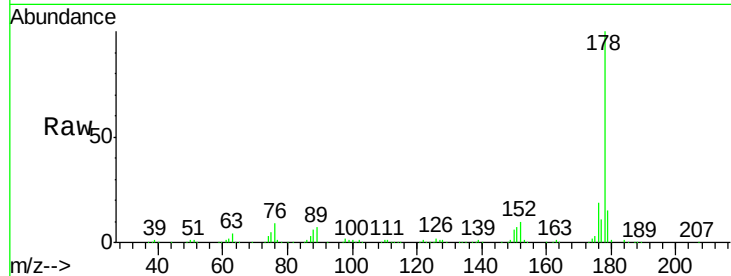
#71
Phenanthrene
Concen: 39.944 ng
RT: 17.20 min Scan# 2416
Delta R.T. -0.02 min
Lab File: BM020339.D
Acq: 14 May 2019 19:06

Instrument :
BNA_M
ClientSampleId :
PB119718BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	21.8
179	15.4	12.4	18.6

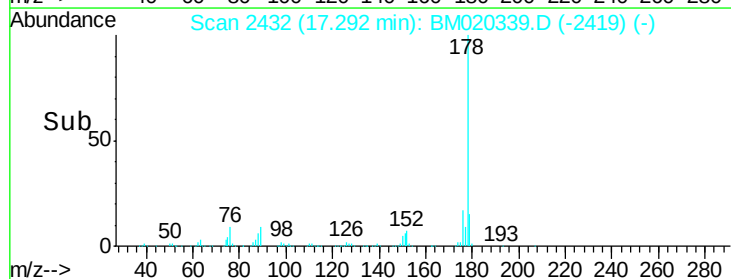
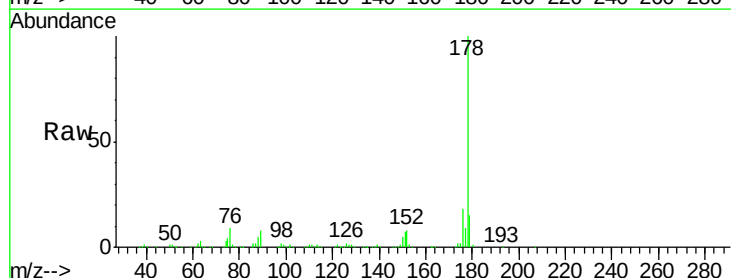
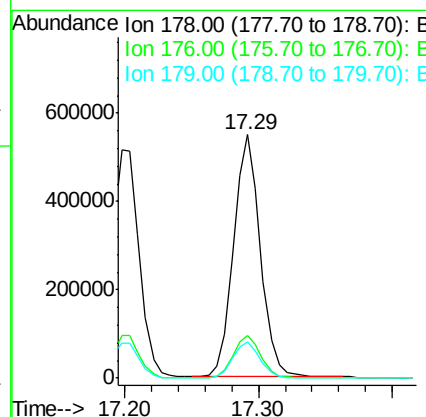
Manual Integrations
APPROVED

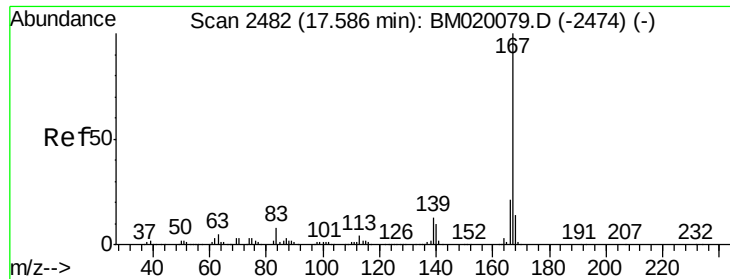
mohammad
5/15/2019 8:19:27 AM



#72
Anthracene
Concen: 40.591 ng
RT: 17.29 min Scan# 2432
Delta R.T. -0.02 min
Lab File: BM020339.D
Acq: 14 May 2019 19:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.6	14.6	22.0
179	14.9	12.4	18.6





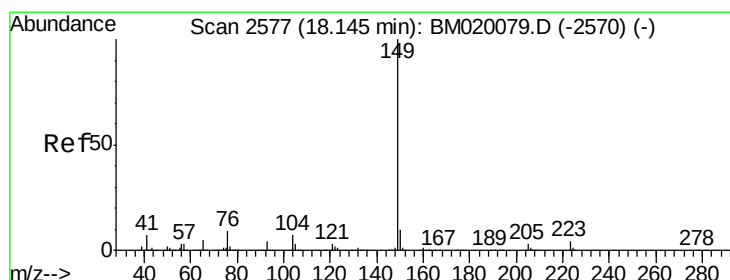
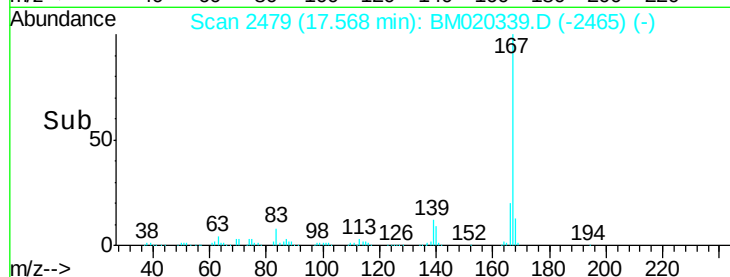
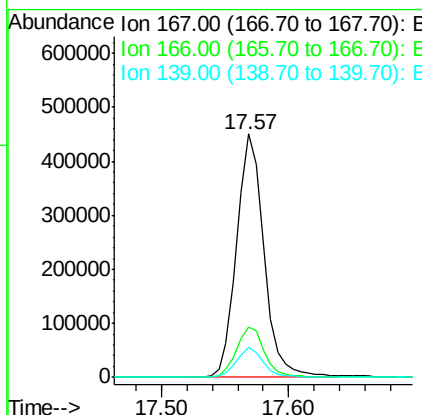
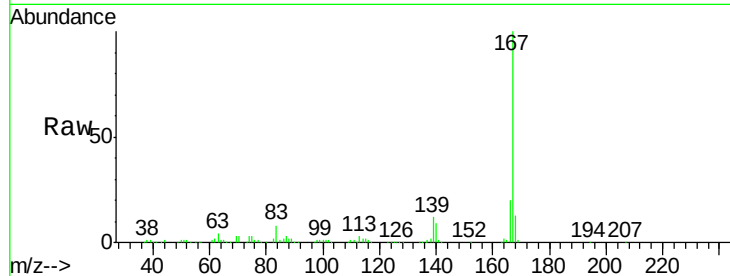
#73
 Carbazole
 Concen: 39.409 ng
 RT: 17.57 min Scan# 2479
 Delta R.T. -0.02 min
 Lab File: BM020339.D
 Acq: 14 May 2019 19:06

Instrument :
 BNA_M
 ClientSampleId :
 PB119718BS

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	672989		
166	20.5		17.0	25.6
139	12.1		10.6	16.0

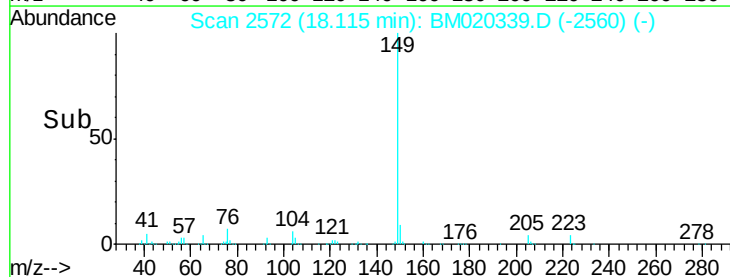
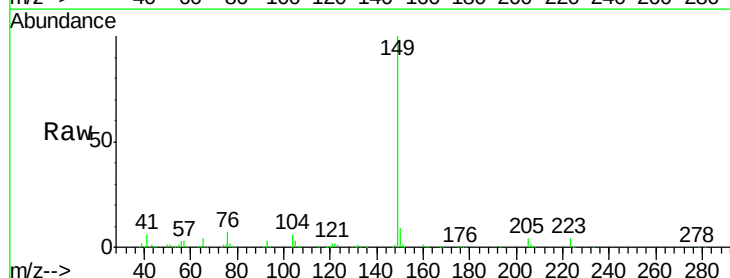
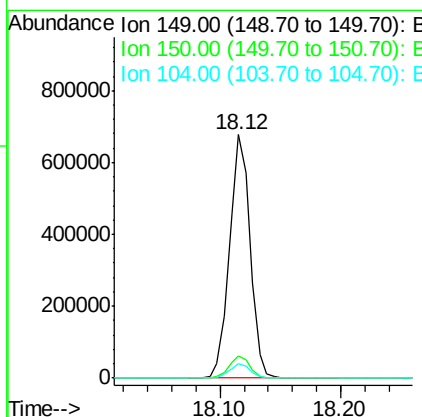
Manual Integrations
 APPROVED

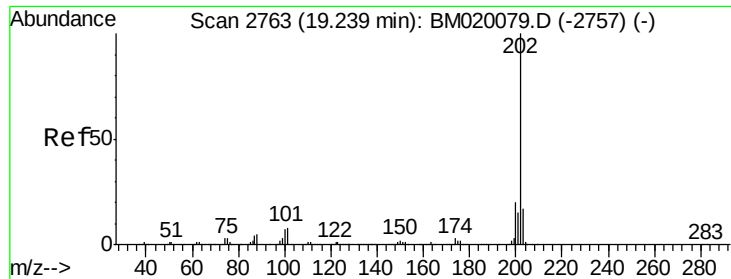
mohammad
 5/15/2019 8:19:27 AM



#74
 Di-n-butylphthalate
 Concen: 39.293 ng
 RT: 18.12 min Scan# 2572
 Delta R.T. -0.03 min
 Lab File: BM020339.D
 Acq: 14 May 2019 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	807529		
150	9.2		7.8	11.6
104	6.0		5.7	8.5





#75

Fluoranthene

Concen: 40.689 ng

RT: 19.22 min Scan# 2760

Delta R.T. -0.02 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

Instrument :

BNA_M

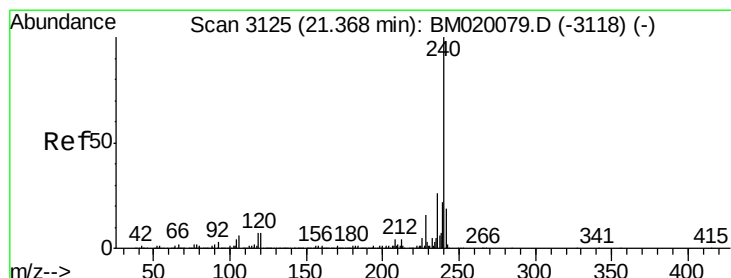
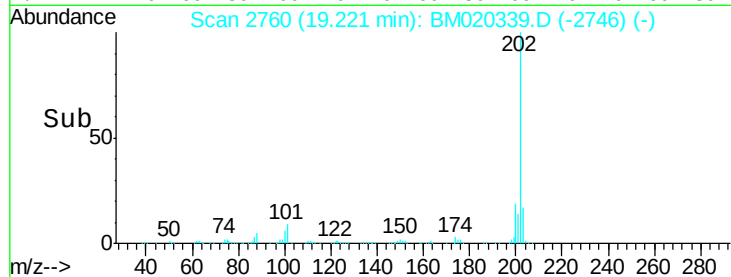
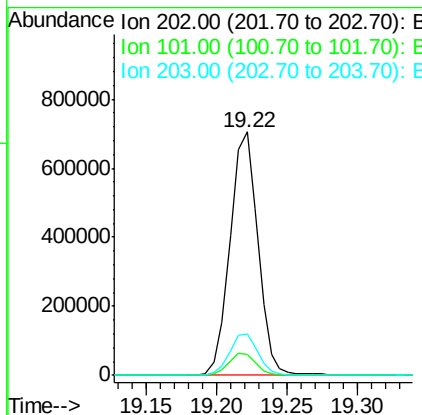
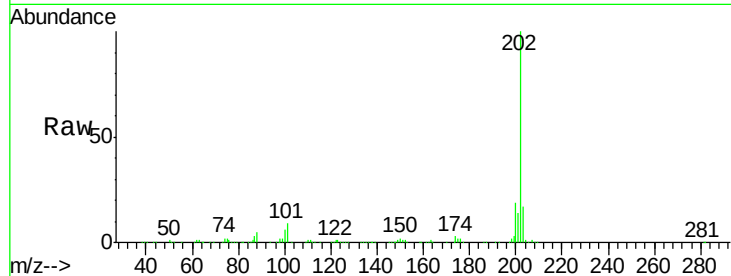
ClientSampleId :

PB119718BS

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		974521		
101	8.6	0.0	28.4		
203	17.1	0.0	37.4		

Manual Integrations
APPROVED

mohammad
5/15/2019 8:19:27 AM



#76

Chrysene-d12

Concen: 20.000 ng

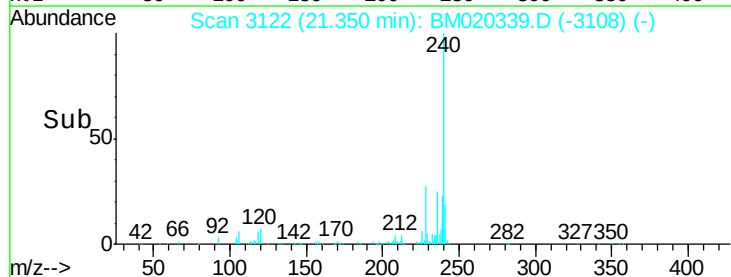
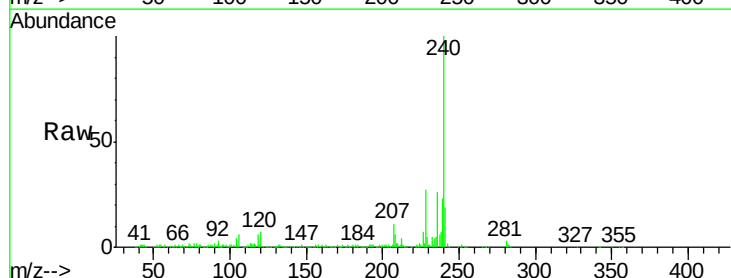
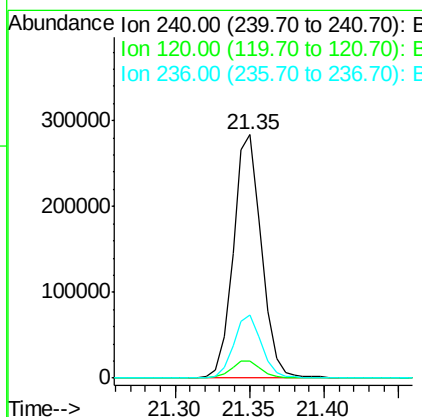
RT: 21.35 min Scan# 3122

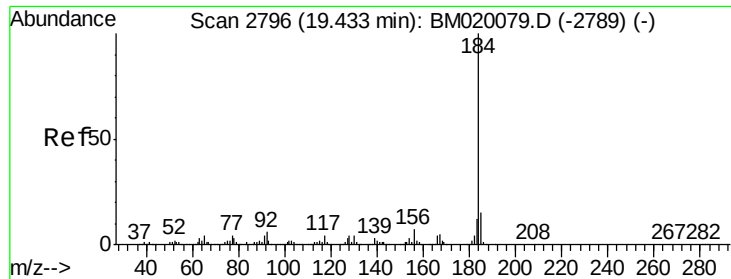
Delta R.T. -0.02 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		373306		
120	7.1	5.6	8.4		
236	25.7	20.9	31.3		





#77

Benzidine

Concen: 52.383 ng

RT: 19.42 min Scan# 2793

Delta R.T. -0.02 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

Instrument :

BNA_M

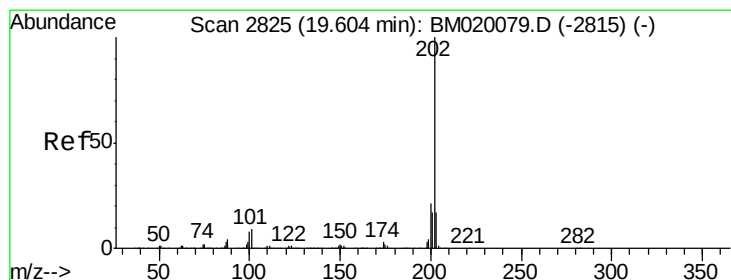
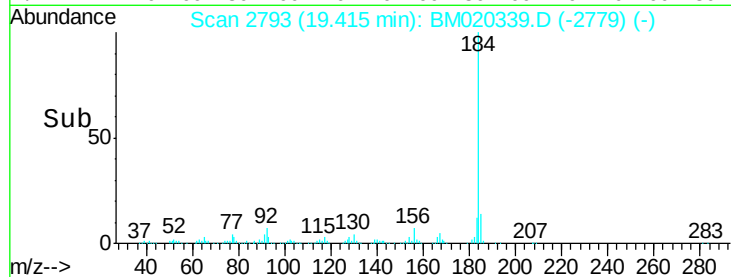
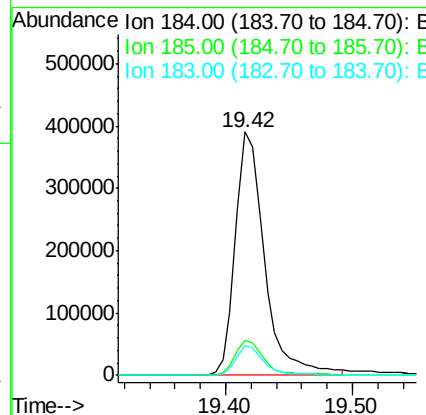
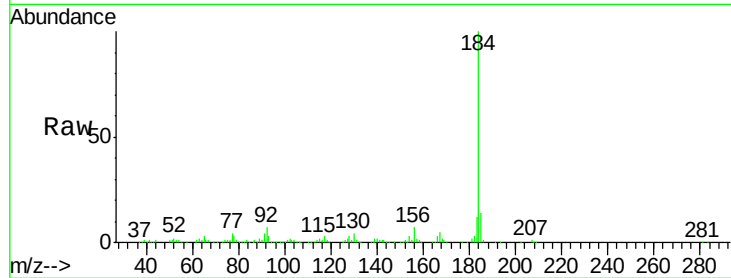
ClientSampleId :

PB119718BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	625184		
185	14.4	12.0	18.0	
183	12.0	9.5	14.3	

Manual Integrations
APPROVED

mohammad
5/15/2019 8:19:27 AM



#78

Pyrene

Concen: 39.929 ng

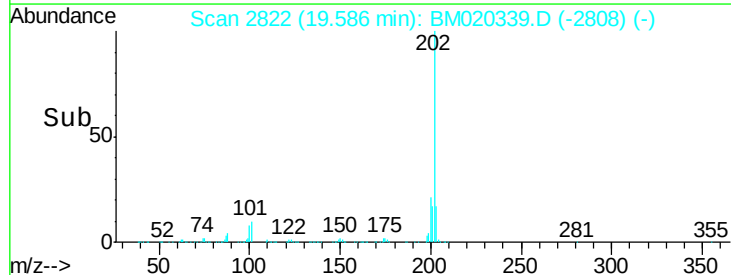
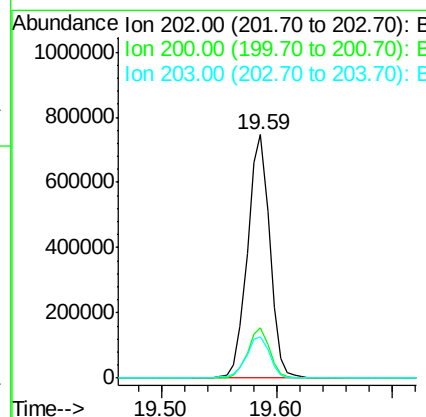
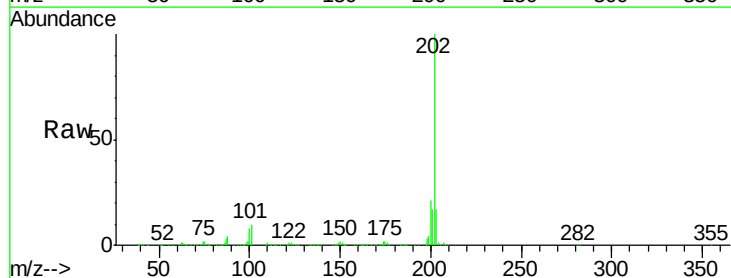
RT: 19.59 min Scan# 2822

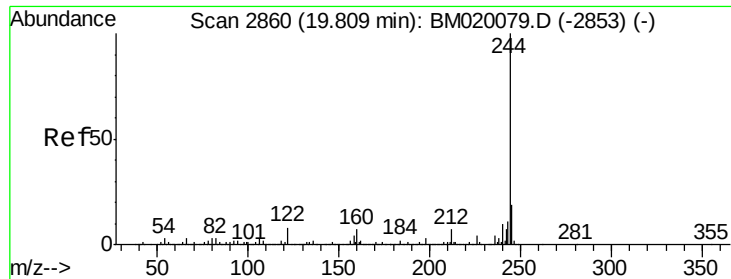
Delta R.T. -0.02 min

Lab File: BM020339.D

Acq: 14 May 2019 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1000757		
200	20.6	16.5	24.7	
203	17.1	13.9	20.9	





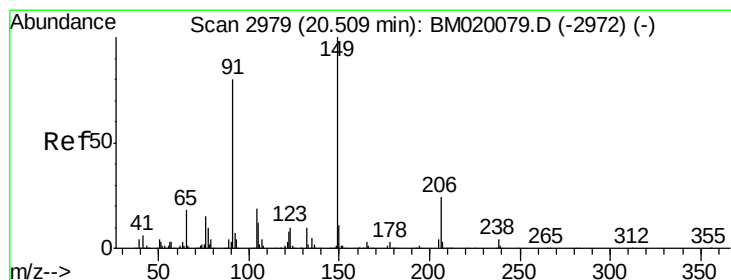
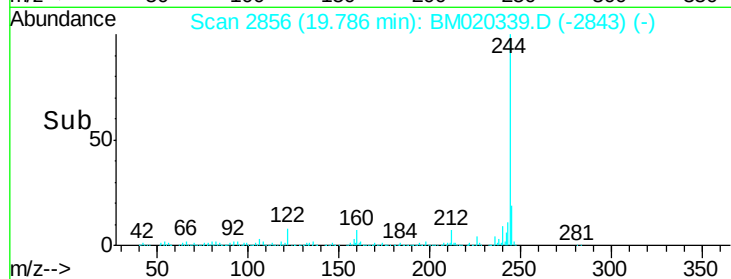
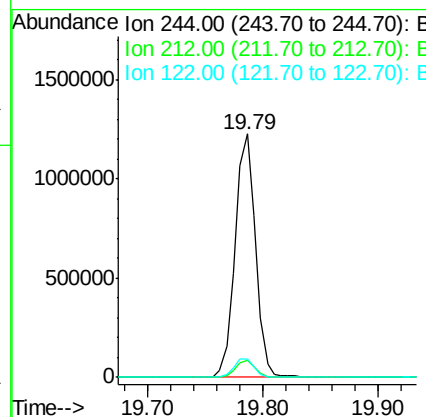
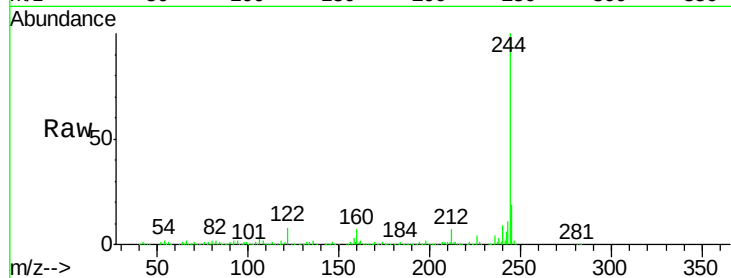
#79
 Terphenyl-d14
 Concen: 70.104 ng
 RT: 19.79 min Scan# 2856
 Delta R.T. -0.02 min
 Lab File: BM020339.D
 Acq: 14 May 2019 19:06

Instrument :
 BNA_M
 ClientSampleId :
 PB119718BS

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	7.5	6.2	9.2

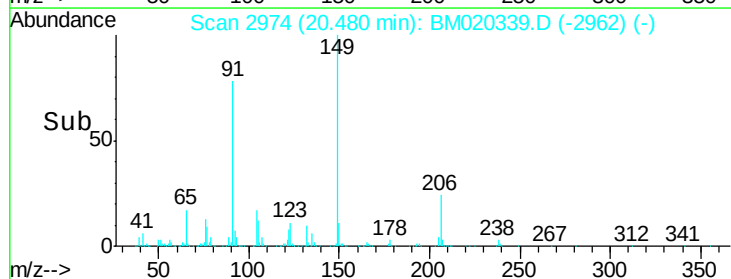
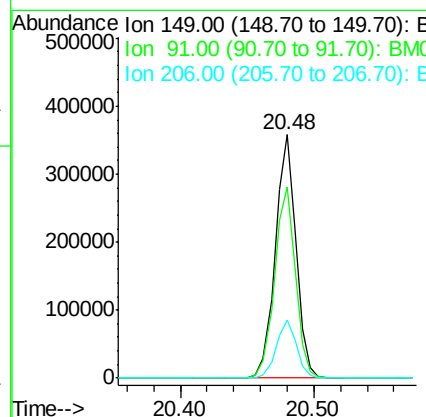
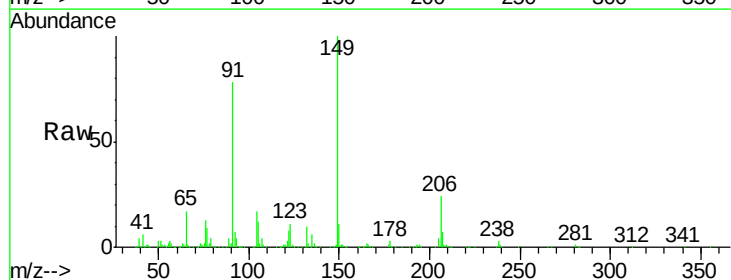
Manual Integrations
 APPROVED

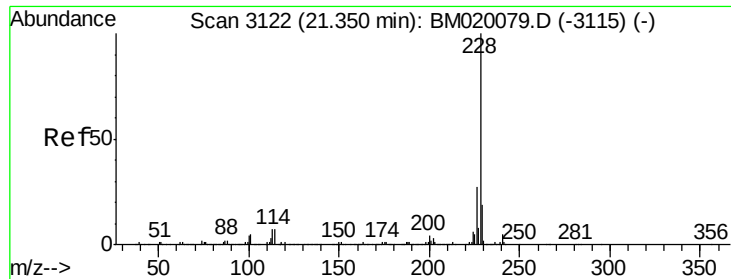
mohammad
 5/15/2019 8:19:27 AM



#80
 Butylbenzylphthalate
 Concen: 42.567 ng
 RT: 20.48 min Scan# 2974
 Delta R.T. -0.03 min
 Lab File: BM020339.D
 Acq: 14 May 2019 19:06

Tgt Ion	Ratio	Lower	Upper
149	100		
91	78.3	63.8	95.8
206	23.6	18.9	28.3





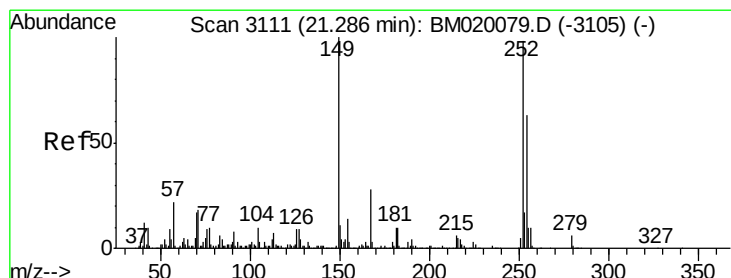
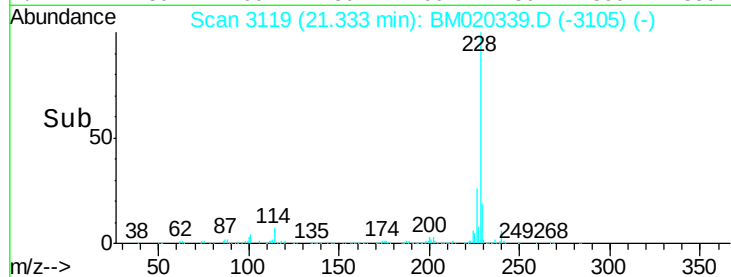
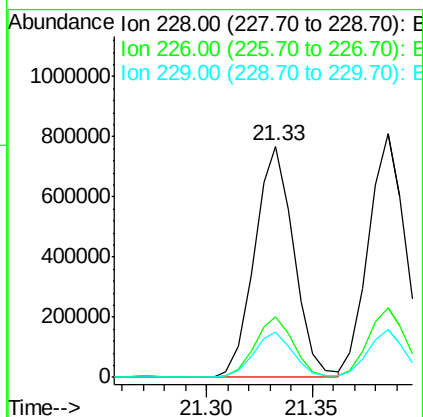
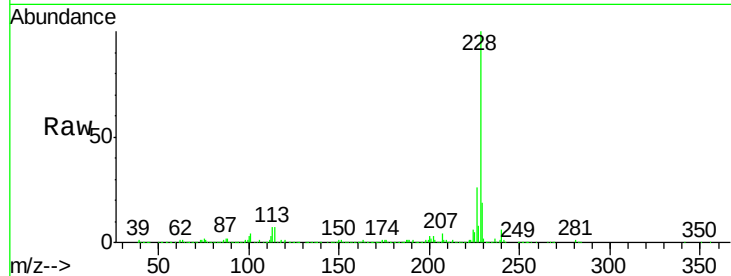
#81
Benzo(a)anthracene
Concen: 37.942 ng
RT: 21.33 min Scan# 3119
Delta R.T. -0.02 min
Lab File: BM020339.D
Acq: 14 May 2019 19:06

Instrument :
BNA_M
ClientSampled :
PB119718BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	26.1	21.3	31.9
229	19.4	15.5	23.3

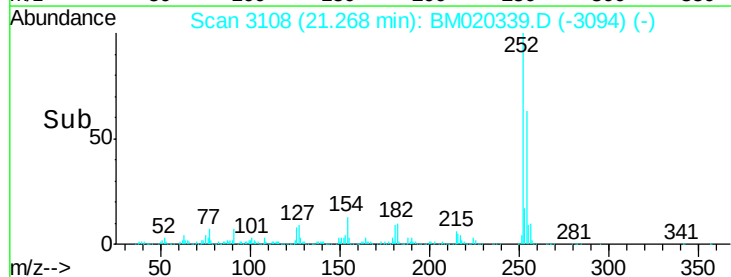
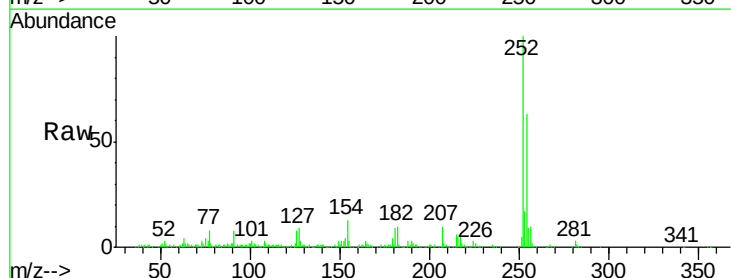
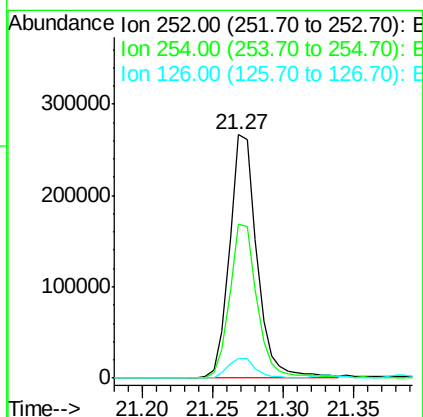
Manual Integrations
APPROVED

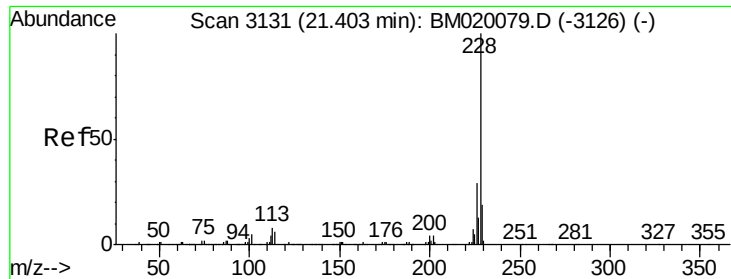
mohammad
5/15/2019 8:19:27 AM



#82
3,3'-Dichlorobenzidine
Concen: 36.320 ng
RT: 21.27 min Scan# 3108
Delta R.T. -0.02 min
Lab File: BM020339.D
Acq: 14 May 2019 19:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.2	51.1	76.7
126	8.3	7.1	10.7





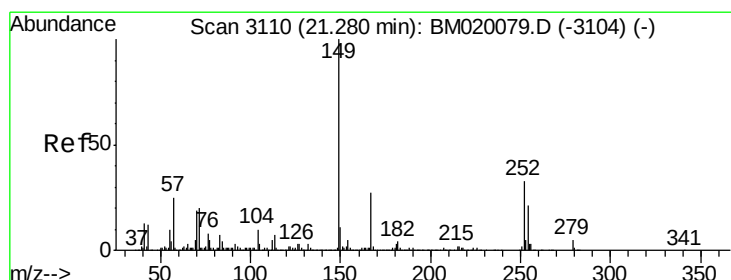
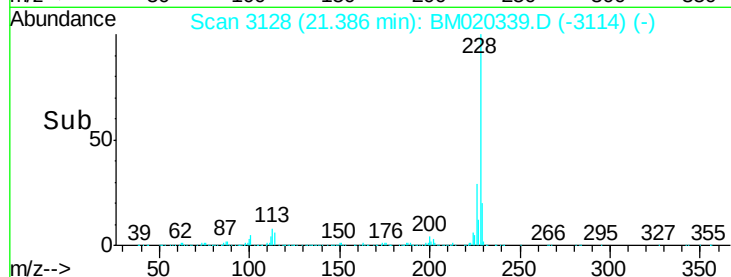
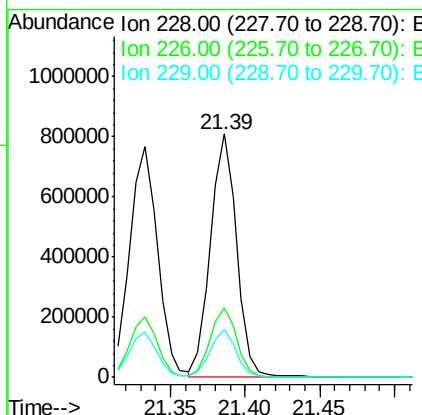
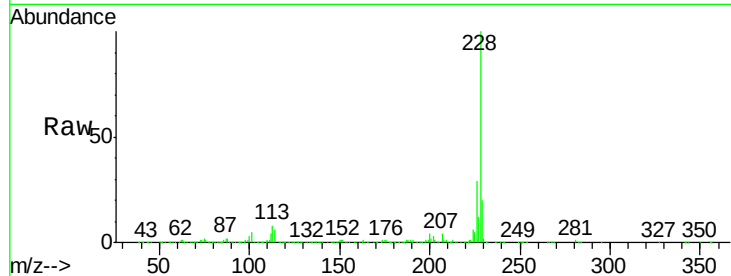
#83
Chrysene
 Concen: 38.755 ng
 RT: 21.39 min Scan# 3128
 Delta R.T. -0.02 min
 Lab File: BM020339.D
 Acq: 14 May 2019 19:06

Instrument :
 BNA_M
 ClientSampleId :
 PB119718BS

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	983984		
226	28.7		23.0	34.6
229	19.6		15.5	23.3

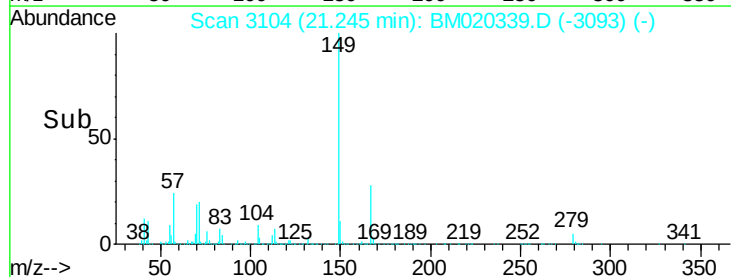
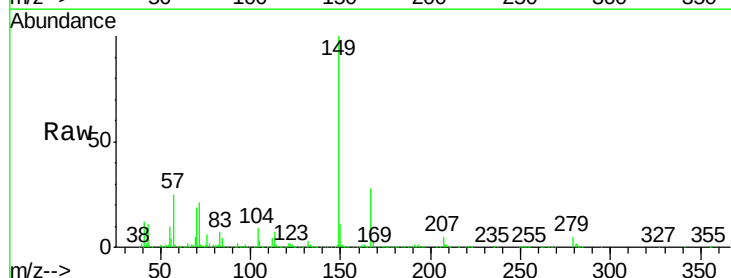
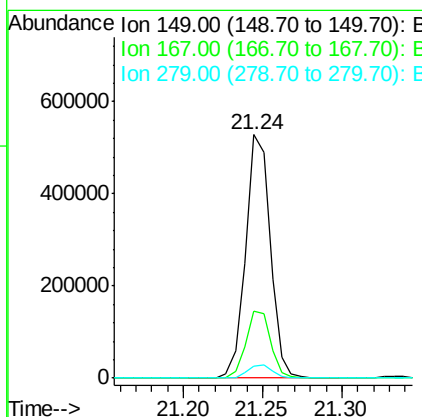
Manual Integrations
 APPROVED

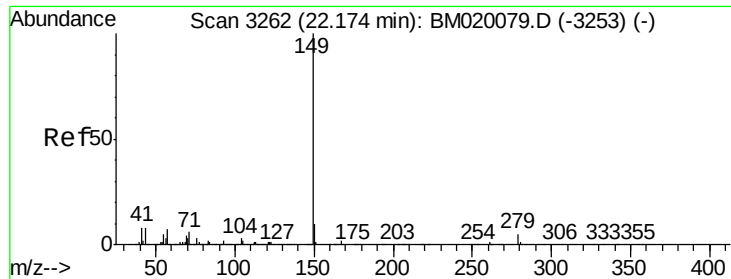
mohammad
 5/15/2019 8:19:27 AM



#84
Bis(2-ethylhexyl)phthalate
 Concen: 39.996 ng
 RT: 21.24 min Scan# 3104
 Delta R.T. -0.04 min
 Lab File: BM020339.D
 Acq: 14 May 2019 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	565672		
167	27.5		21.8	32.8
279	4.9		4.2	6.2





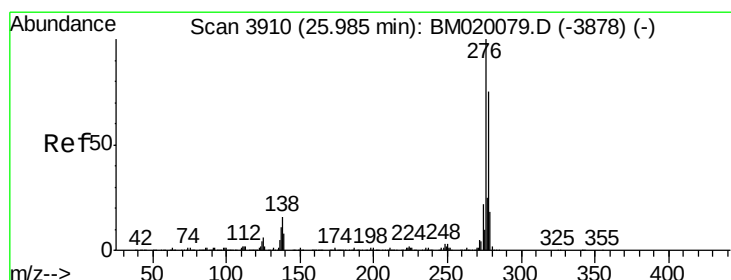
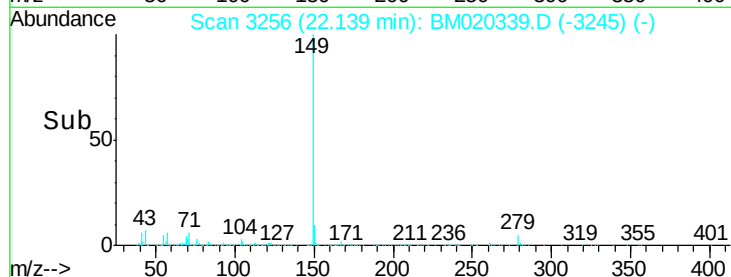
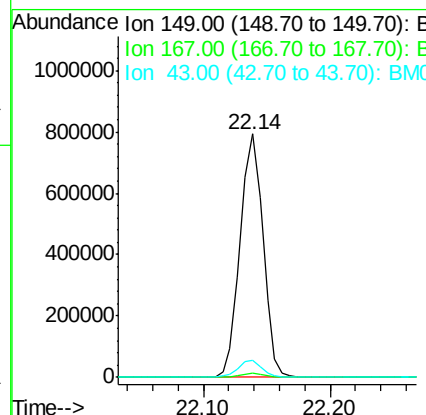
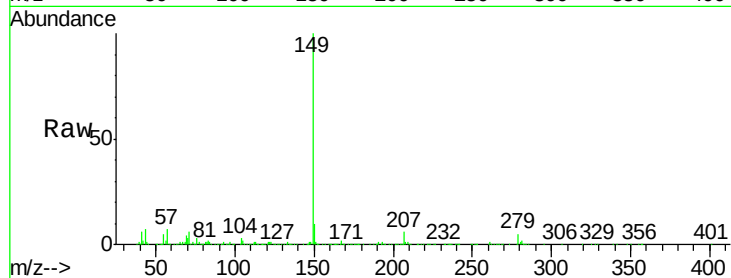
#85
Di-n-octyl phthalate
Concen: 42.053 ng
RT: 22.14 min Scan# 3256
Delta R.T. -0.04 min
Lab File: BM020339.D
Acq: 14 May 2019 19:06

Instrument :
BNA_M
ClientSampleId :
PB119718BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.7	1.3	1.9
43	6.8	6.5	9.7

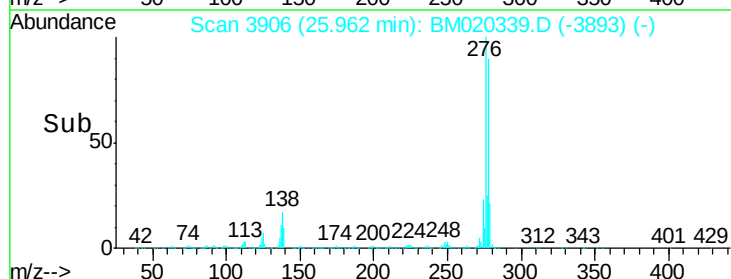
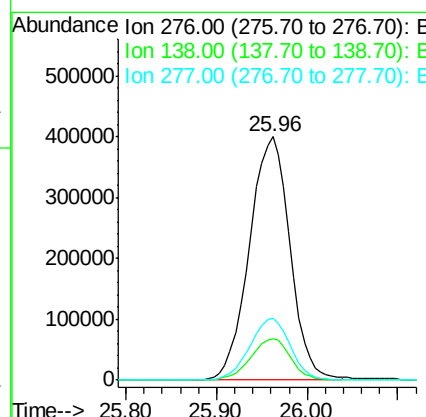
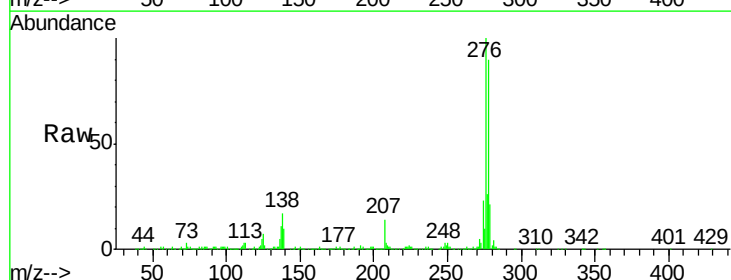
Manual Integrations
APPROVED

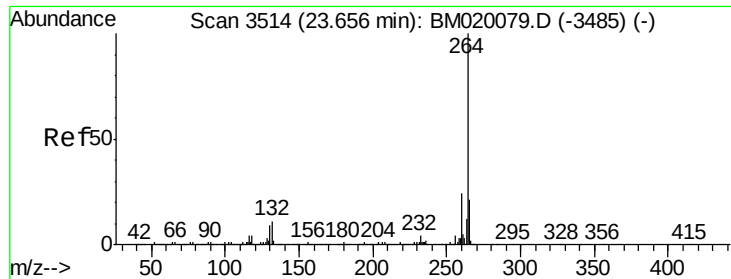
mohammad
5/15/2019 8:19:27 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.339 ng
RT: 25.96 min Scan# 3906
Delta R.T. -0.02 min
Lab File: BM020339.D
Acq: 14 May 2019 19:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	16.8	0.0	0.0#
277	25.4	0.0	0.0#





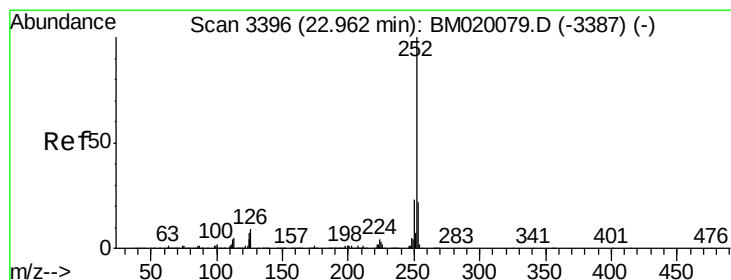
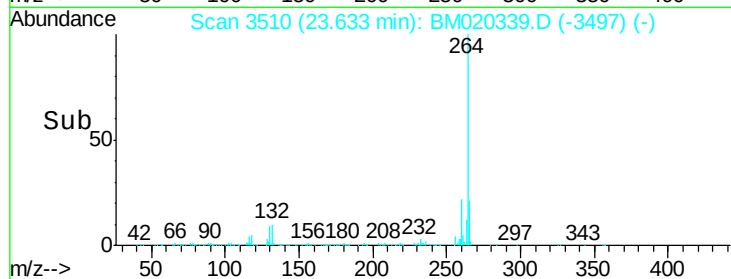
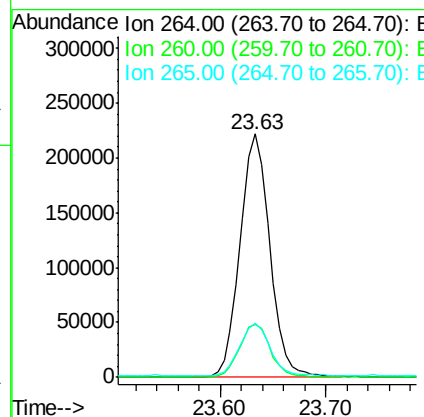
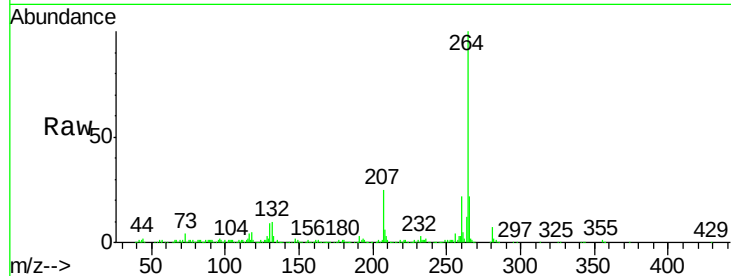
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.63 min Scan# 3510
Delta R.T. -0.02 min
Lab File: BM020339.D
Acq: 14 May 2019 19:06

Instrument :
BNA_M
ClientSampleId :
PB119718BS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.8	19.2	28.8
265	22.1	16.9	25.3

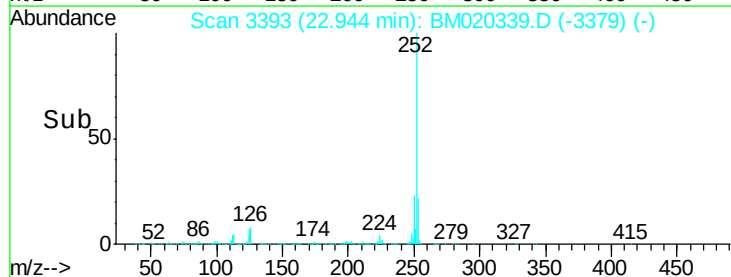
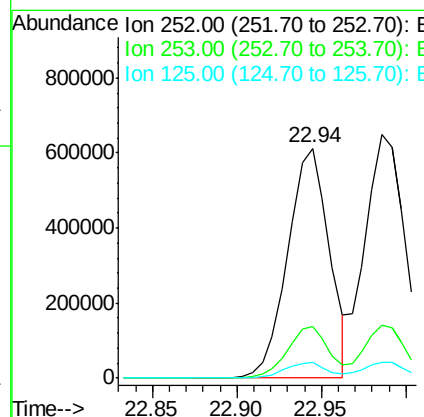
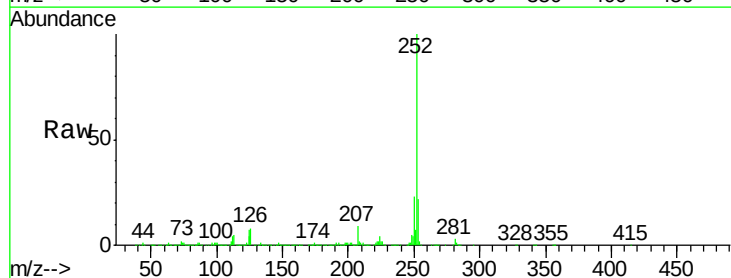
Manual Integrations
APPROVED

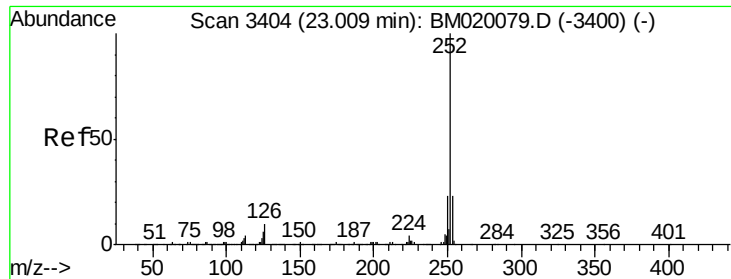
mohammad
5/15/2019 8:19:27 AM



#88
Benzo(b)fluoranthene
Concen: 36.339 ng
RT: 22.94 min Scan# 3393
Delta R.T. -0.02 min
Lab File: BM020339.D
Acq: 14 May 2019 19:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	6.7	5.4	8.2





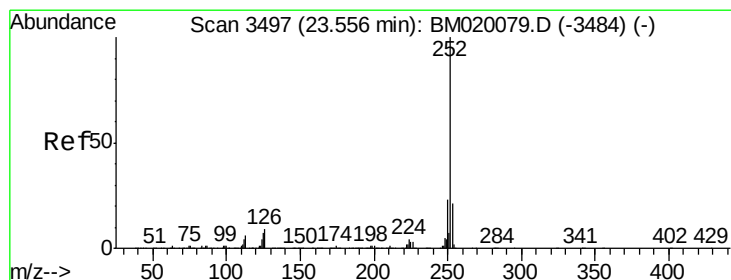
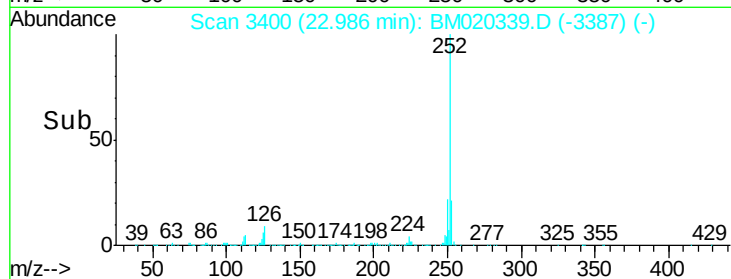
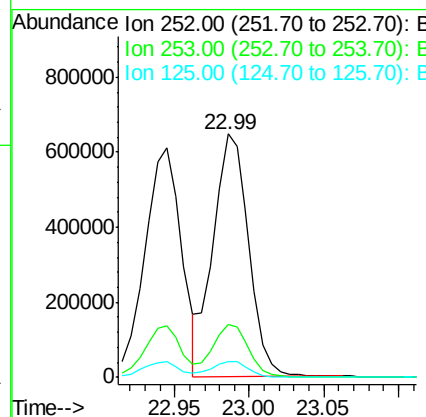
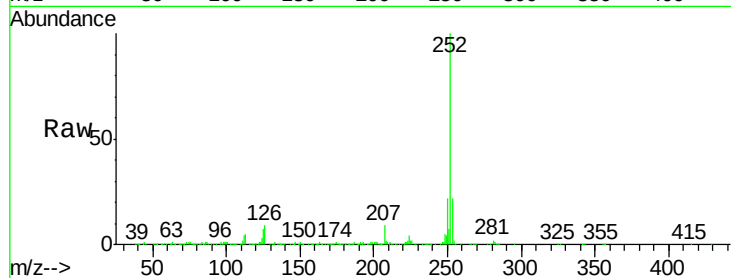
#89
Benzo(k)fluoranthene
Concen: 40.966 ng
RT: 22.99 min Scan# 3400
Delta R.T. -0.02 min
Lab File: BM020339.D
Acq: 14 May 2019 19:06

Instrument :
BNA_M
ClientSampleId :
PB119718BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.8
125	6.6	5.4	8.0

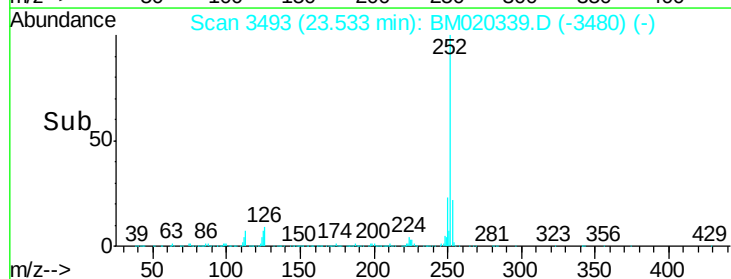
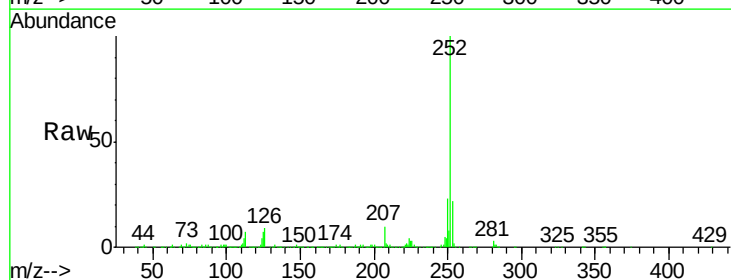
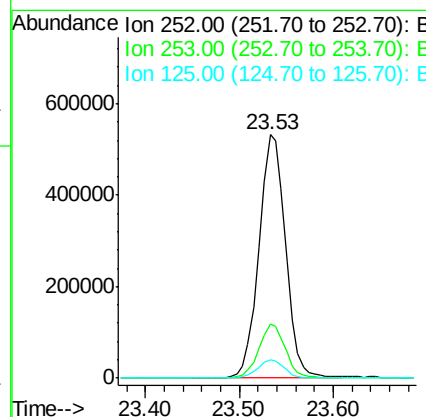
Manual Integrations
APPROVED

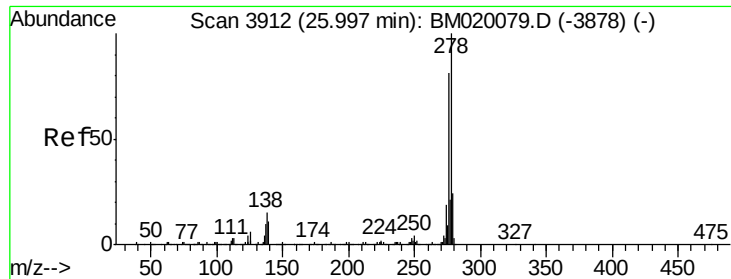
mohammad
5/15/2019 8:19:27 AM



#90
Benzo(a)pyrene
Concen: 39.776 ng
RT: 23.53 min Scan# 3493
Delta R.T. -0.02 min
Lab File: BM020339.D
Acq: 14 May 2019 19:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	7.4	5.5	8.3





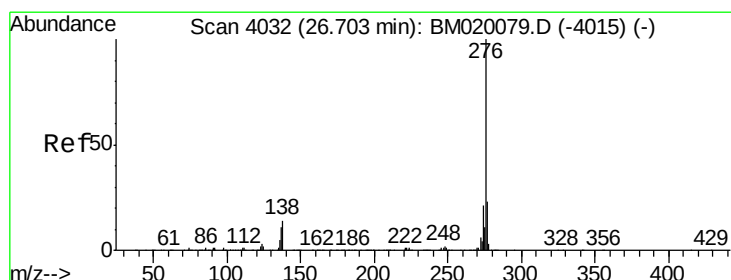
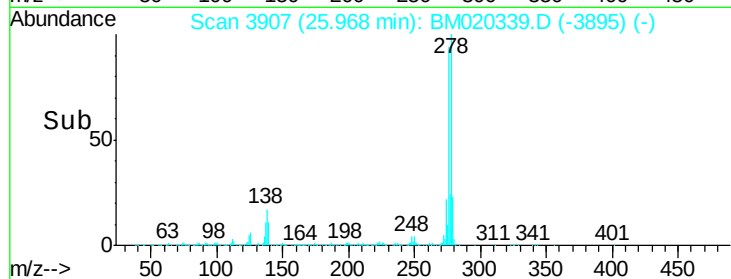
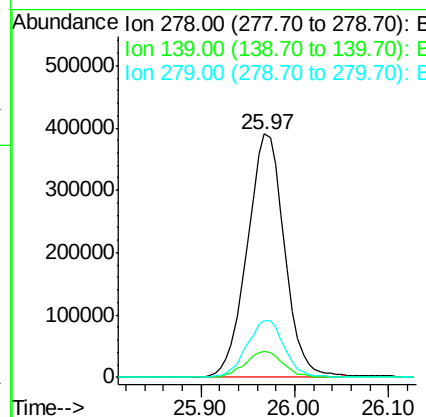
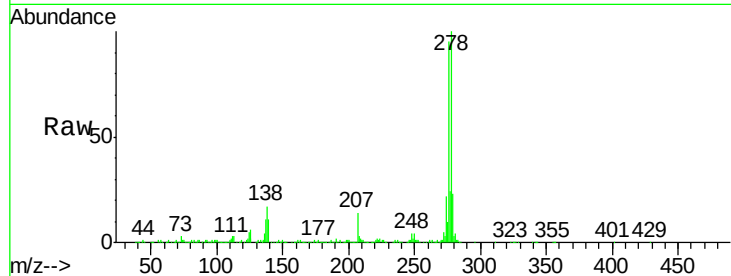
#91
Dibenzo(a,h)anthracene
Concen: 39.550 ng
RT: 25.97 min Scan# 3907
Delta R.T. -0.03 min
Lab File: BM020339.D
Acq: 14 May 2019 19:06

Instrument :
BNA_M
ClientSampleId :
PB119718BS

Tgt Ion:278 Resp: 1073167
Ion Ratio Lower Upper
278 100
139 10.7 8.6 13.0
279 23.5 18.8 28.2

Manual Integrations
APPROVED

mohammad
5/15/2019 8:19:27 AM



#92
Benzo(g,h,i)perylene
Concen: 40.260 ng
RT: 26.67 min Scan# 4027
Delta R.T. -0.03 min
Lab File: BM020339.D
Acq: 14 May 2019 19:06

Tgt Ion:276 Resp: 1037160
Ion Ratio Lower Upper
276 100
277 23.6 18.4 27.6
138 13.7 11.1 16.7

