

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\
 Data File : BM020736.D
 Acq On : 05 Jun 2019 14:55
 Operator : HP/JU
 Sample : PB120038BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB120038BS

Manual Integrations
 APPROVED

mohammad
 6/6/2019 11:21:41 AM

Quant Time: Jun 05 18:45:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 05 18:16:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	331284	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	1307765	20.00	ng	0.00
39) Acenaphthene-d10	14.46	164	694979	20.00	ng	0.00
64) Phenanthrene-d10	17.20	188	1333744	20.00	ng	0.00
76) Chrysene-d12	21.38	240	1053080	20.00	ng	0.00
87) Perylene-d12	23.67	264	1210729	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	2630263	139.66	ng	0.00
7) Phenol-d6	6.99	99	3461324	124.82	ng	0.00
23) Nitrobenzene-d5	8.99	82	2063904	81.77	ng	0.00
42) 2,4,6-Tribromophenol	15.95	330	1187213	137.88	ng	0.00
45) 2-Fluorobiphenyl	13.08	172	4664361	89.23	ng	0.00
79) Terphenyl-d14	19.83	244	5081039	80.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	308545	40.016	ng	98
3) Pyridine	3.74	79	880592	35.895	ng	99
4) n-Nitrosodimethylamine	3.66	42	387128	36.607	ng	98
6) Aniline	7.16	93	1176825	29.329	ng	98
8) 2-Chlorophenol	7.39	128	1029329	43.934	ng	99
9) Benzaldehyde	6.97	77	318537m	16.086	ng	
10) Phenol	7.02	94	1265595	42.350	ng	100
11) bis(2-Chloroethyl)ether	7.25	93	913029	38.336	ng	100
12) 1,3-Dichlorobenzene	7.71	146	1066188	39.596	ng	100
13) 1,4-Dichlorobenzene	7.86	146	1077942	39.379	ng	99
14) 1,2-Dichlorobenzene	8.17	146	1038119	38.970	ng	100
15) Benzyl Alcohol	8.06	79	905924	36.928	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.35	45	1235545	33.602	ng	100
17) 2-Methylphenol	8.26	107	840871	40.014	ng	99
18) Hexachloroethane	8.89	117	388672	37.086	ng	96
19) n-Nitroso-di-n-propylamine	8.63	70	756343	33.930	ng	99
20) 3+4-Methylphenols	8.59	107	1115604	39.019	ng	98
22) Acetophenone	8.65	105	1420142	42.747	ng	# 99
24) Nitrobenzene	9.03	77	1112345	43.169	ng	100
25) Isophorone	9.55	82	1974181	39.320	ng	99
26) 2-Nitrophenol	9.73	139	490045	51.029	ng	97
27) 2,4-Dimethylphenol	9.79	122	900240	50.027	ng	98
28) bis(2-Chloroethoxy)methane	10.03	93	1220389	40.200	ng	98
29) 2,4-Dichlorophenol	10.26	162	934182	46.921	ng	99
30) 1,2,4-Trichlorobenzene	10.47	180	1019312	44.525	ng	98
31) Naphthalene	10.66	128	2940657	43.727	ng	99
32) Benzoic acid	9.93	122	482977	43.214	ng	98
33) 4-Chloroaniline	10.77	127	472447	15.095	ng	99
34) Hexachlorobutadiene	10.94	225	594642	43.291	ng	99
35) Caprolactam	11.57	113	255364m	36.921	ng	
36) 4-Chloro-3-methylphenol	11.89	107	948271	40.966	ng	100
37) 2-Methylnaphthalene	12.27	142	2135052	42.832	ng	99
38) 1-Methylnaphthalene	12.49	142	2037024	42.918	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.64	216	1109514	48.716	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\
 Data File : BM020736.D
 Acq On : 05 Jun 2019 14:55
 Operator : HP/JU
 Sample : PB120038BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 PB120038BS

Manual Integrations
 APPROVED

mohammad
 6/6/2019 11:21:41 AM

Quant Time: Jun 05 18:45:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 05 18:16:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	1394653	102.389	ng	99
43) 2,4,6-Trichlorophenol	12.88	196	698978	47.680	ng	99
44) 2,4,5-Trichlorophenol	12.95	196	739101	48.835	ng	98
46) 1,1'-Biphenyl	13.29	154	2645354	45.576	ng	99
47) 2-Chloronaphthalene	13.33	162	2064291	44.066	ng	99
48) 2-Nitroaniline	13.54	65	572326	38.926	ng	99
49) Acenaphthylene	14.18	152	3229204	44.179	ng	100
50) Dimethylphthalate	13.92	163	2434079	40.995	ng	100
51) 2,6-Dinitrotoluene	14.04	165	523429	43.416	ng	98
52) Acenaphthene	14.52	154	1875215	43.050	ng	100
53) 3-Nitroaniline	14.37	138	313754	23.316	ng	98
54) 2,4-Dinitrophenol	14.57	184	429502	82.554	ng	99
55) Dibenzofuran	14.86	168	2921229	43.180	ng	99
56) 4-Nitrophenol	14.67	139	800773	80.752	ng	97
57) 2,4-Dinitrotoluene	14.83	165	680826	42.175	ng	97
58) Fluorene	15.50	166	2316537	41.638	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.08	232	619491	46.973	ng	99
60) Diethylphthalate	15.29	149	2359415	38.529	ng	99
61) 4-Chlorophenyl-phenylether	15.50	204	1223794	41.545	ng	99
62) 4-Nitroaniline	15.53	138	479673	33.610	ng	99
63) Azobenzene	15.79	77	2207870	37.607	ng	99
65) 4,6-Dinitro-2-methylphenol	15.59	198	263598	44.274	ng	99
66) n-Nitrosodiphenylamine	15.72	169	1971836	46.183	ng	99
67) 4-Bromophenyl-phenylether	16.40	248	706106	44.965	ng	99
68) Hexachlorobenzene	16.50	284	816870	44.547	ng	98
69) Atrazine	16.67	200	615634	48.312	ng	99
70) Pentachlorophenol	16.85	266	898599	102.721	ng	100
71) Phenanthrene	17.25	178	3283945	43.438	ng	100
72) Anthracene	17.33	178	3310850	43.755	ng	99
73) Carbazole	17.61	167	2810767	40.934	ng	100
74) Di-n-butylphthalate	18.17	149	3433003	38.514	ng	100
75) Fluoranthene	19.26	202	3377626	40.174	ng	100
77) Benzidine	19.45	184	1374900	43.088	ng	100
78) Pyrene	19.62	202	3398489	42.054	ng	99
80) Butylbenzylphthalate	20.52	149	1286668	37.676	ng	99
81) Benzo(a)anthracene	21.37	228	3056002	41.672	ng	99
82) 3,3'-Dichlorobenzidine	21.30	252	907285	33.785	ng	100
83) Chrysene	21.42	228	3015929	43.264	ng	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	1784966	35.962	ng	100
85) Di-n-octyl phthalate	22.19	149	2888500	36.655	ng	99
86) Indeno(1,2,3-cd)pyrene	25.99	276	4246316	59.542	ng	99
88) Benzo(b)fluoranthene	22.98	252	3384348	42.292	ng	99
89) Benzo(k)fluoranthene	23.03	252	3181547	40.684	ng	99
90) Benzo(a)pyrene	23.57	252	3284124	45.246	ng	100
91) Dibenzo(a,h)anthracene	26.00	278	3587114	50.940	ng	99
92) Benzo(g,h,i)perylene	26.70	276	3527076	53.924	ng	99

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

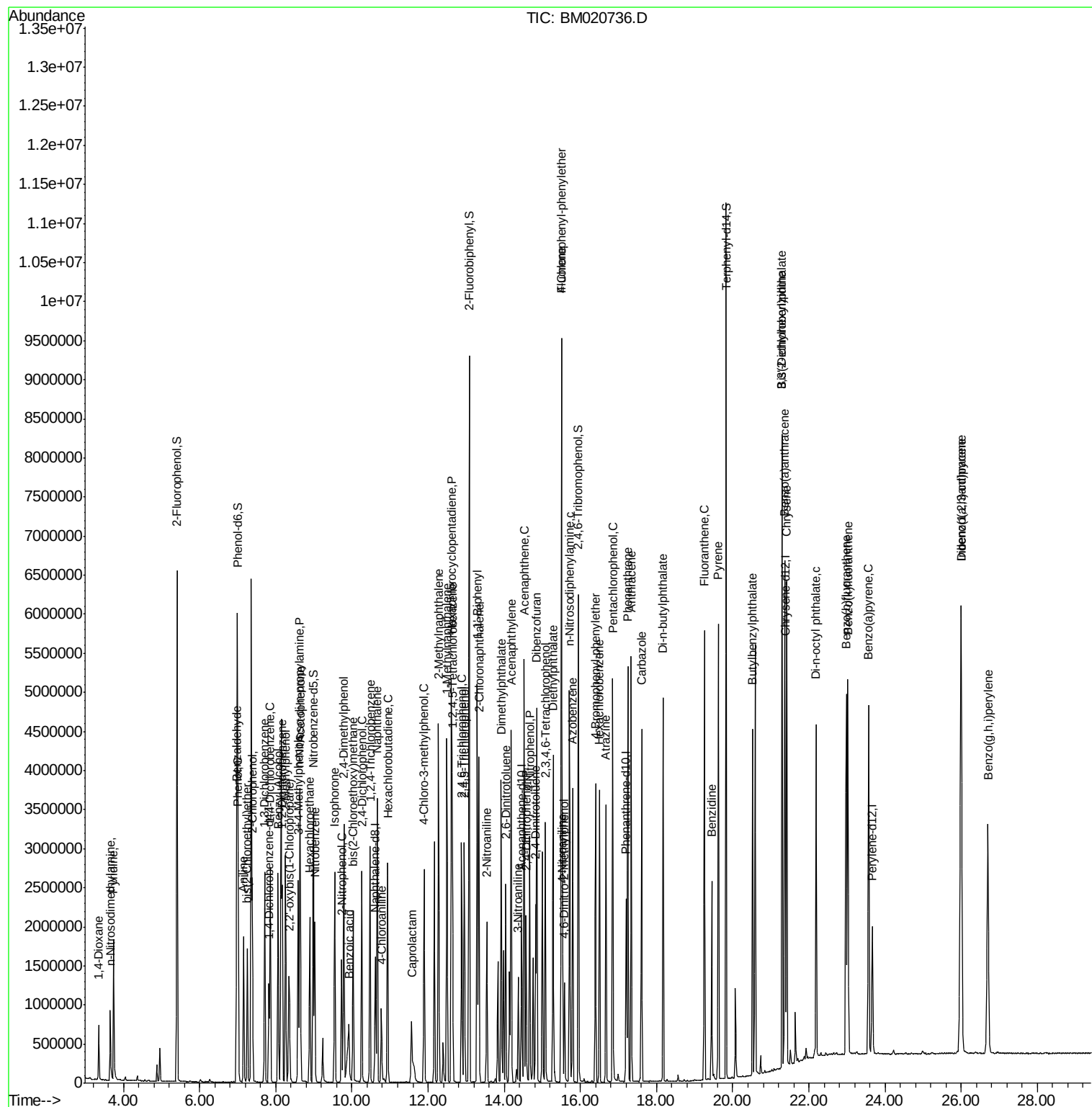
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\
Data File : BM020736.D
Acq On : 05 Jun 2019 14:55
Operator : HP/JU
Sample : PB120038BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

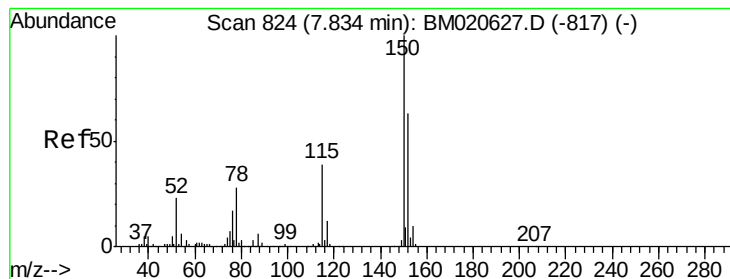
Instrument :
BNA_M
ClientSampleId :
PB120038BS

Manual Integrations
APPROVED

mohammad
6/6/2019 11:21:41 AM

Quant Time: Jun 05 18:45:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 05 18:16:03 2019
Response via : Initial Calibration





#1

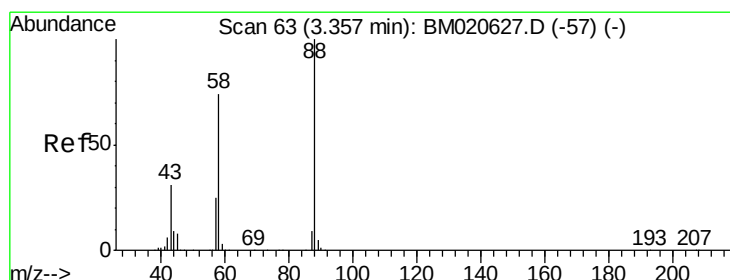
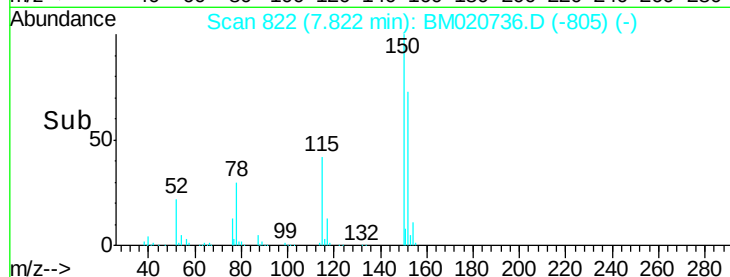
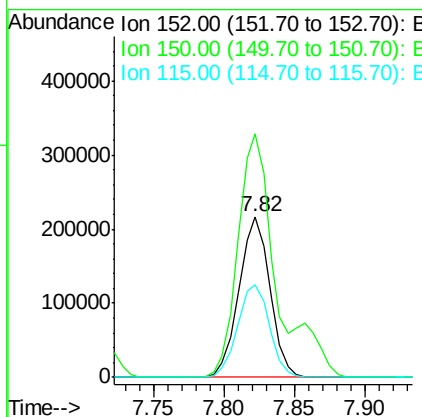
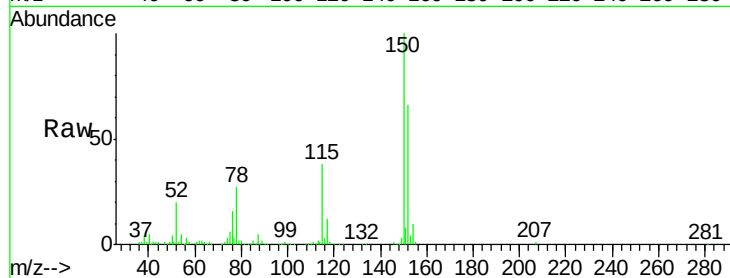
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. 0.00 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Instrument :
BNA_M
ClientSampleId :
PB120038BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.5	124.0	186.0
115	57.6	47.0	70.6

Manual Integrations
APPROVED

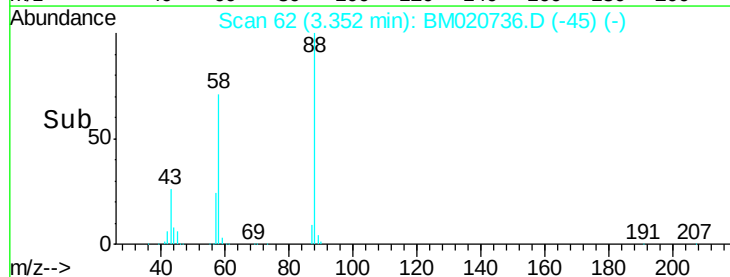
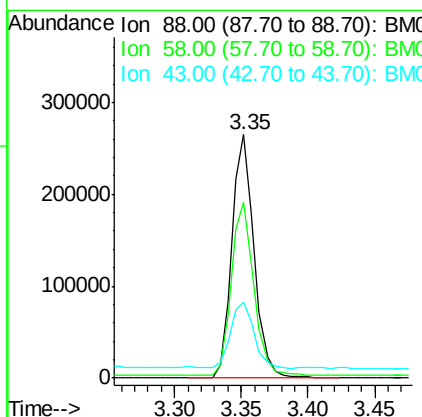
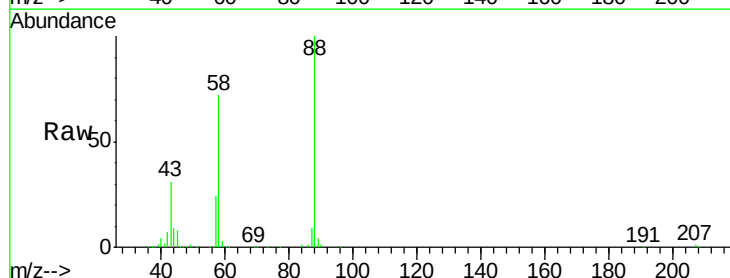
mohammad
6/6/2019 11:21:41 AM

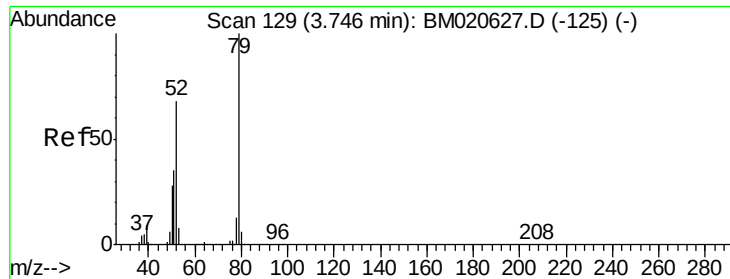


#2

1,4-Dioxane
Concen: 40.016 ng
RT: 3.35 min Scan# 62
Delta R.T. 0.00 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.2	57.2	85.8
43	28.0	24.2	36.4





#3

Pvridine

Concen: 35.895 ng

RT: 3.74 min Scan# 128

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

Instrument :

BNA_M

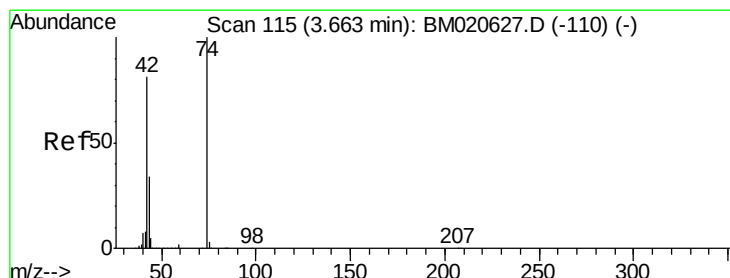
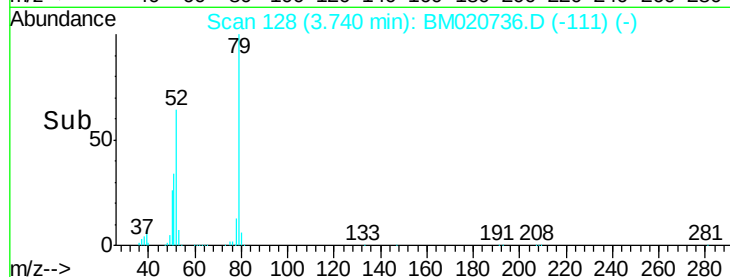
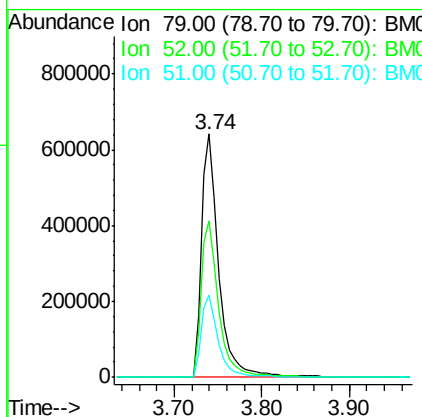
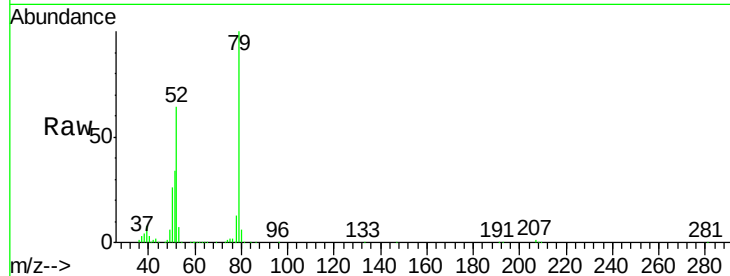
ClientSampleId :

PB120038BS

Tot Ion:	79	Resp:	880592
Ion	Ratio	Lower	Upper
79	100		
52	64.4	52.0	78.0
51	33.7	26.5	39.7

Manual Integrations
APPROVED

mohammad
6/6/2019 11:21:41 AM



#4

n-Nitrosodimethylamine

Concen: 36.607 ng

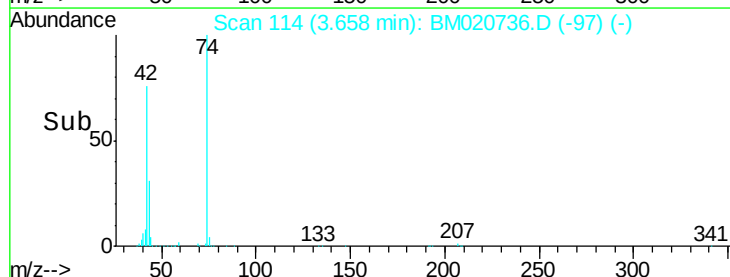
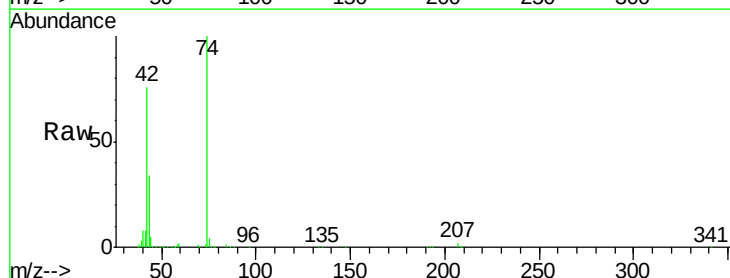
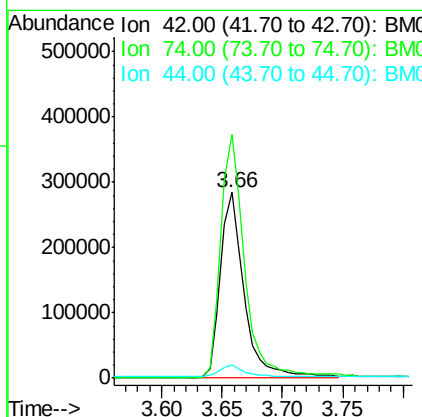
RT: 3.66 min Scan# 114

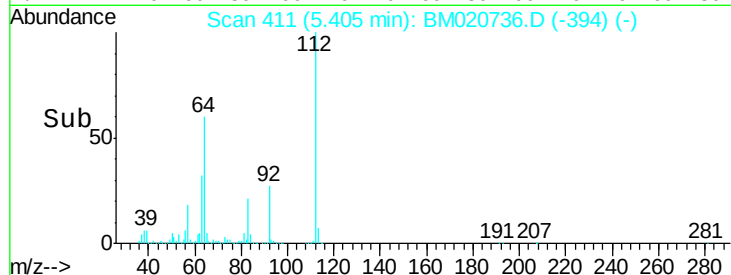
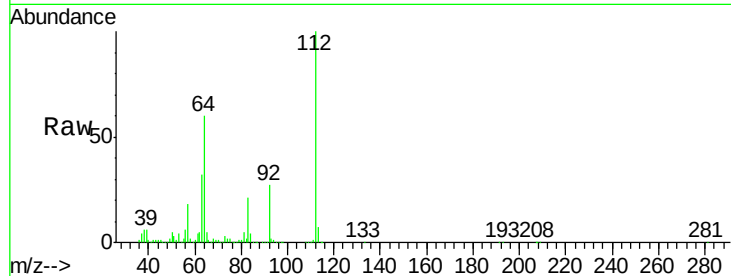
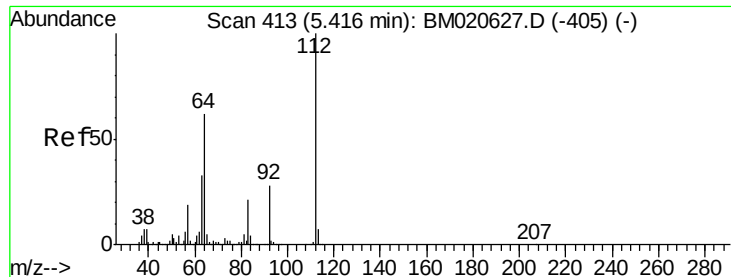
Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

Tgt Ion:	42	Resp:	387128
Ion	Ratio	Lower	Upper
42	100		
74	131.2	103.3	154.9
44	6.8	5.9	8.9





#5

2-Fluorophenol

Concen: 139.663 ng

RT: 5.40 min Scan# 411

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

Tot Ion:	112	Resp:	2630263
Ion	Ratio	Lower	Upper
112	100		
64	60.4	47.8	71.8
63	31.8	25.4	38.0

Instrument :

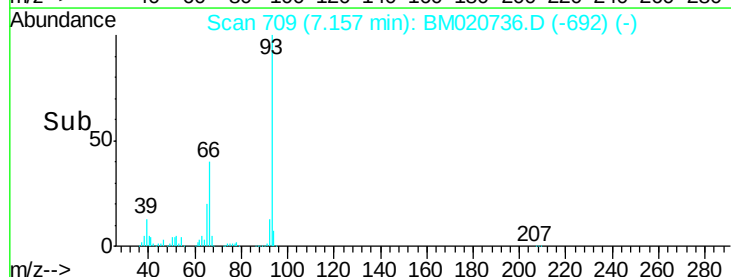
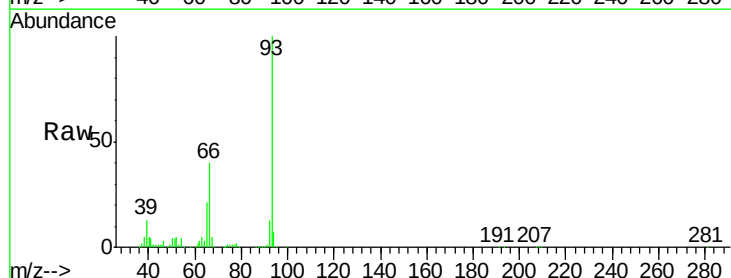
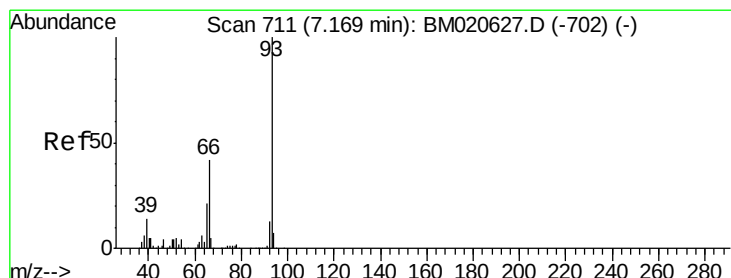
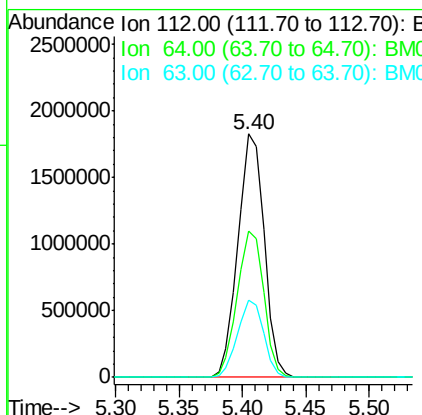
BNA_M

ClientSampleId :

PB120038BS

Manual Integrations
APPROVED

mohammad
6/6/2019 11:21:41 AM



#6

Aniline

Concen: 29.329 ng

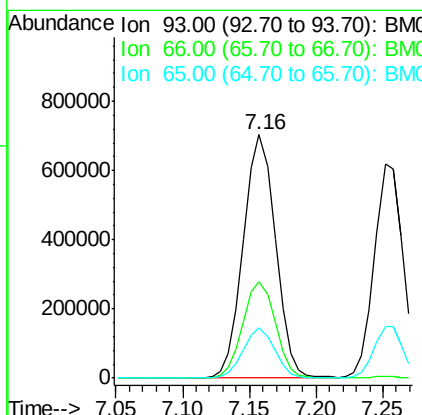
RT: 7.16 min Scan# 709

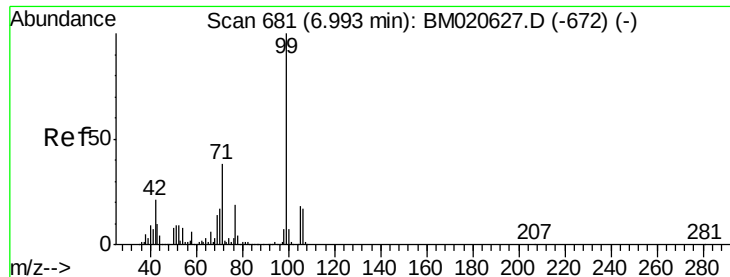
Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

Tgt Ion:	93	Resp:	1176825
Ion	Ratio	Lower	Upper
93	100		
66	39.8	33.0	49.4
65	20.5	16.1	24.1





#7

Phenol-d6

Concen: 124.819 ng

RT: 6.99 min Scan# 681

Delta R.T. 0.01 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

Instrument :

BNA_M

ClientSampleId :

PB120038BS

Tot Ion: 99 Resp: 3461324

Ion Ratio Lower Upper

99 100

42 18.1 14.8 22.2

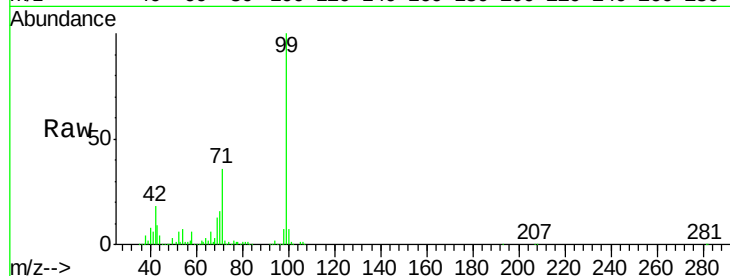
71 36.3 29.5 44.3

Manual Integrations

APPROVED

mohammad

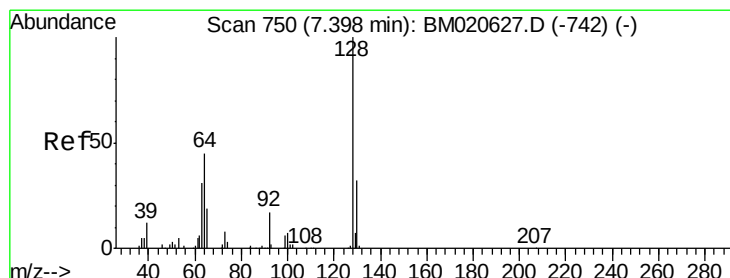
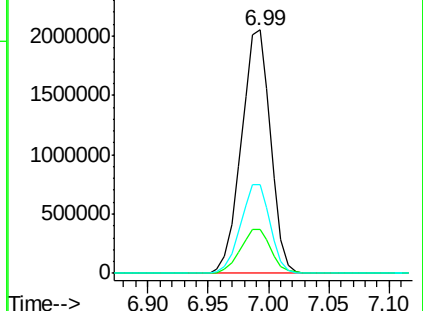
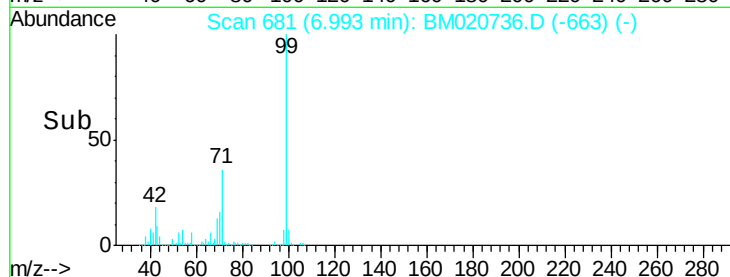
6/6/2019 11:21:41 AM



Abundance Ion 99.00 (98.70 to 99.70): BM020736.D (-663) (-)

Ion 42.00 (41.70 to 42.70): BM020736.D (-663) (-)

Ion 71.00 (70.70 to 71.70): BM020736.D (-663) (-)



#8

2-Chlorophenol

Concen: 43.934 ng

RT: 7.39 min Scan# 748

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

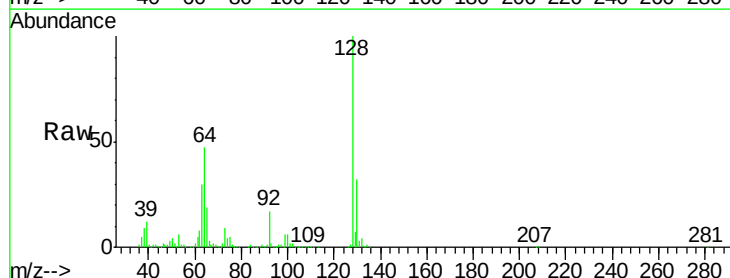
Tgt Ion: 128 Resp: 1029329

Ion Ratio Lower Upper

128 100

130 32.3 12.6 52.6

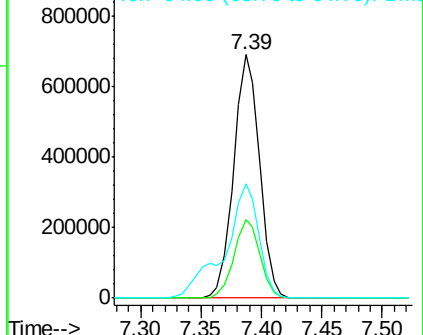
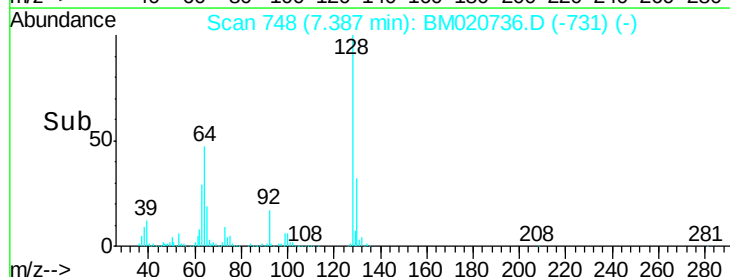
64 46.9 27.5 67.5

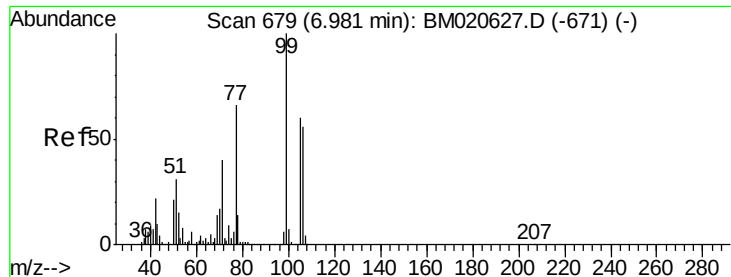


Abundance Ion 128.00 (127.70 to 128.70): BM020736.D (-731) (-)

Ion 130.00 (129.70 to 130.70): BM020736.D (-731) (-)

Ion 64.00 (63.70 to 64.70): BM020736.D (-731) (-)





#9

Benzaldehyde

Concen: 16.086 ng/mL

RT: 6.97 min Scan# 677

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

Instrument :

BNA_M

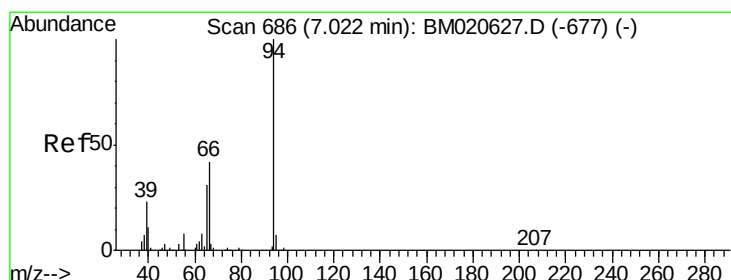
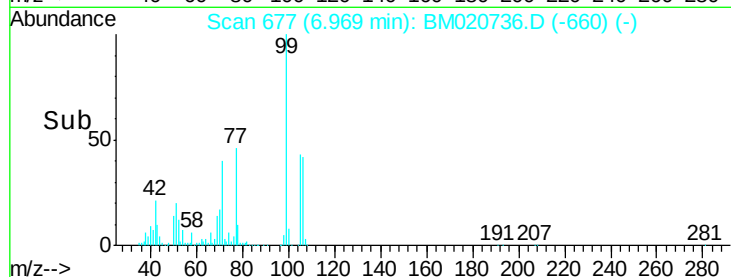
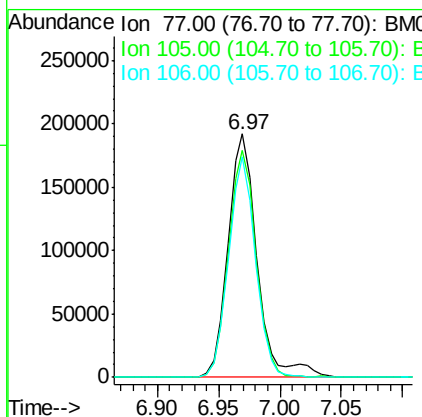
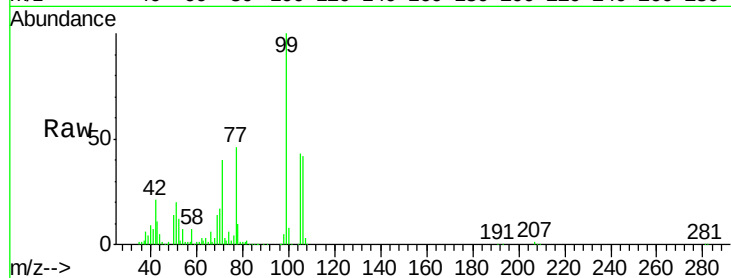
ClientSampleID :

PB120038BS

Tot Ion:	77	Resp:	318537
Ion Ratio	Lower	Upper	
77	100		
105	93.3	73.6	113.6
106	90.4	68.3	108.3

Manual Integrations
APPROVED

mohammad
6/6/2019 11:21:41 AM



#10

Phenol

Concen: 42.350 ng/mL

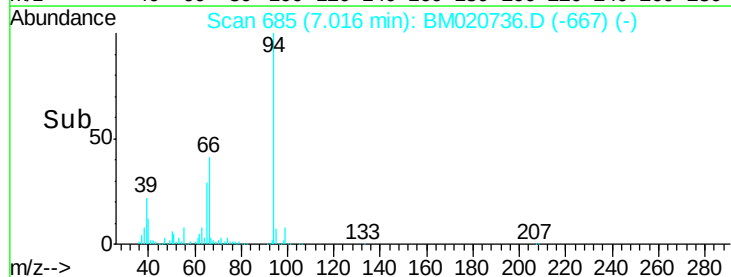
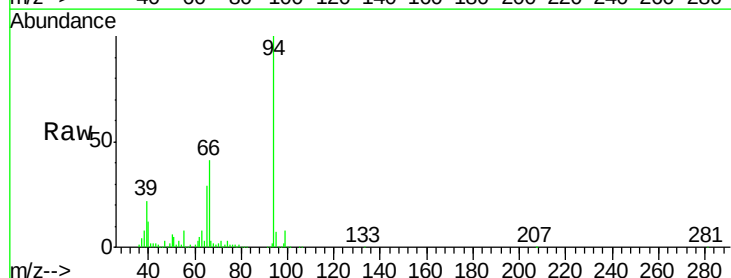
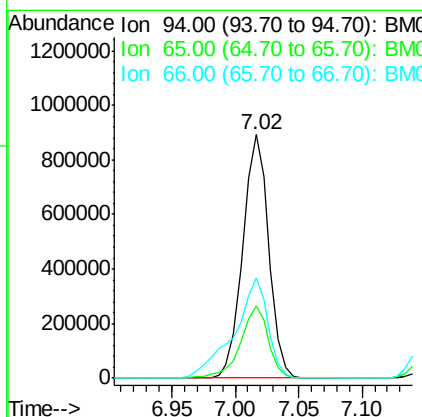
RT: 7.02 min Scan# 685

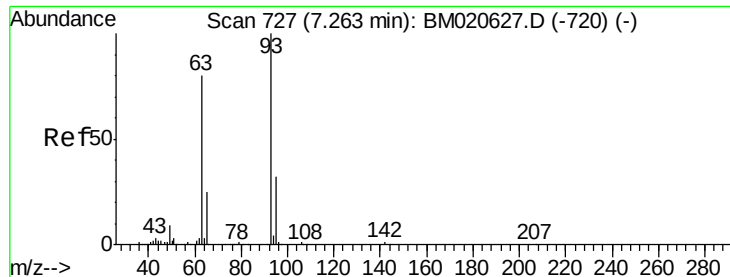
Delta R.T. 0.01 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

Tgt Ion:	94	Resp:	1265595
Ion Ratio	Lower	Upper	
94	100		
65	29.5	9.4	49.4
66	41.0	20.7	60.7





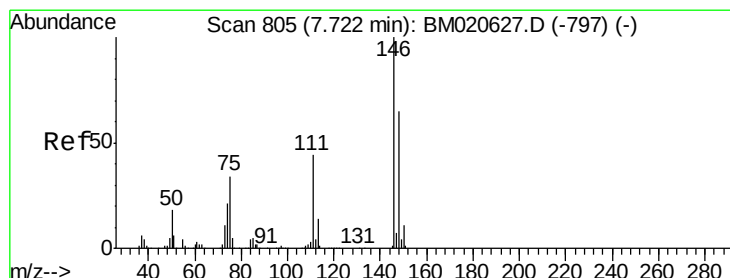
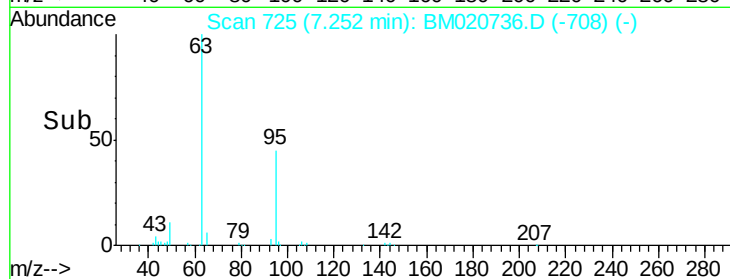
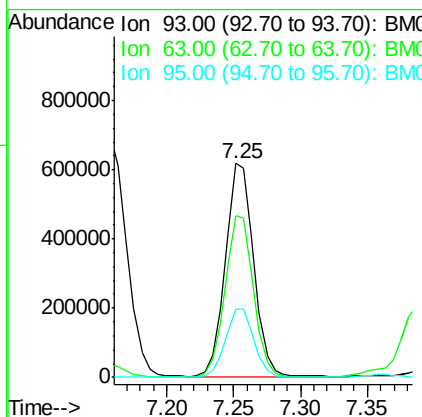
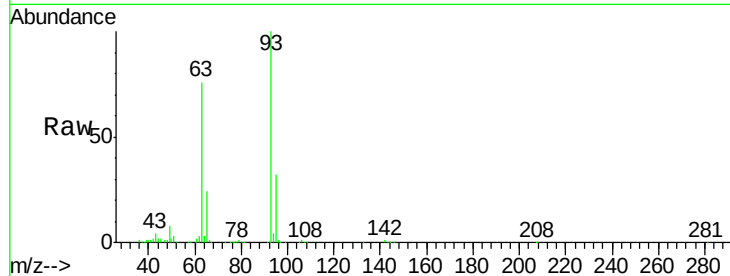
#11
bis(2-Chloroethyl)ether
Concen: 38.336 ng
RT: 7.25 min Scan# 725
Delta R.T. 0.00 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Instrument :
BNA_M
ClientSampleId :
PB120038BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.8	56.0	96.0
95	32.1	12.2	52.2

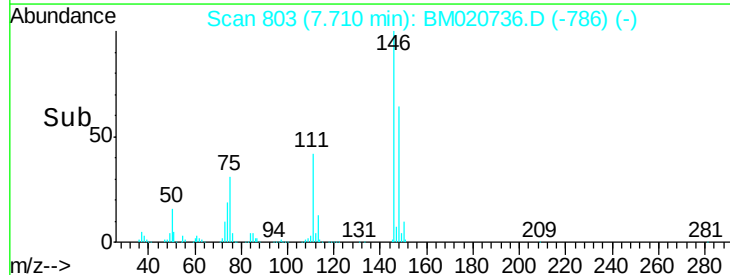
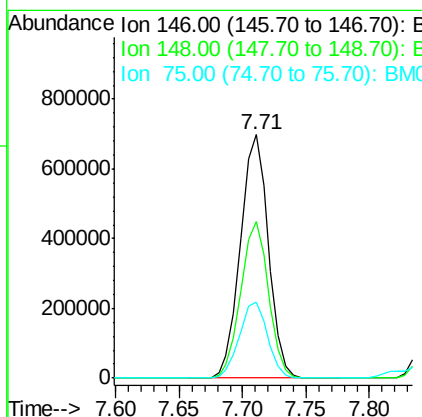
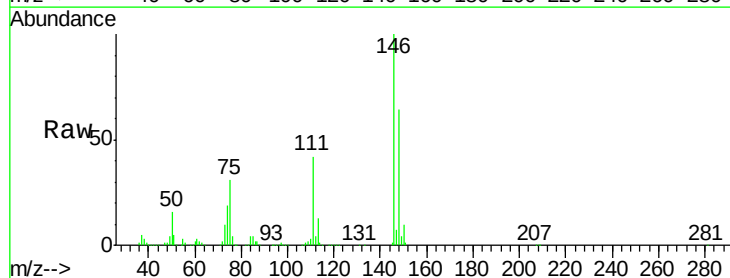
Manual Integrations
APPROVED

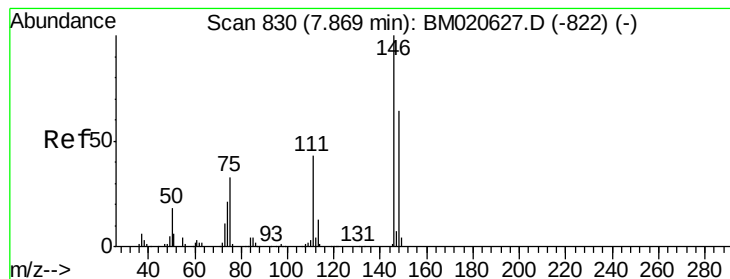
mohammad
6/6/2019 11:21:41 AM



#12
1,3-Dichlorobenzene
Concen: 39.596 ng
RT: 7.71 min Scan# 803
Delta R.T. 0.00 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.3	76.9
75	31.2	25.3	37.9





#13

1,4-Dichlorobenzene

Concen: 39.379 ng

RT: 7.86 min Scan# 828

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

Instrument :

BNA_M

ClientSampleId :

PB120038BS

Tot Ion:146 Resp: 1077942

Ion Ratio Lower Upper

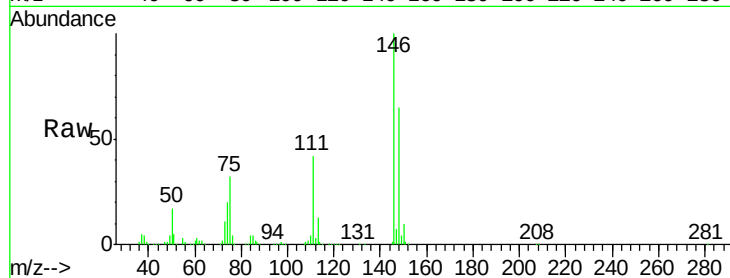
146 100

148 64.9 52.5 78.7

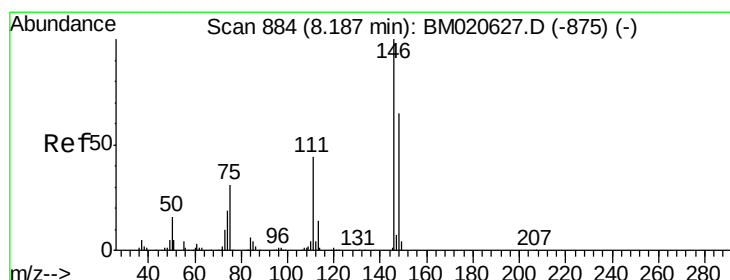
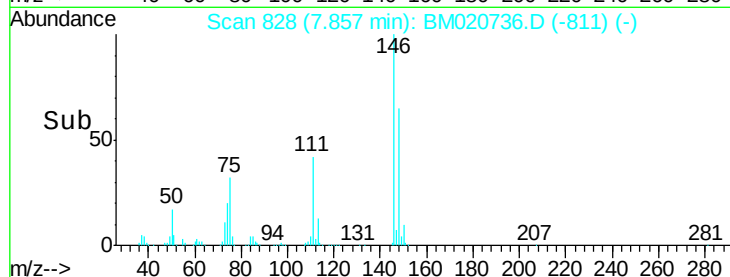
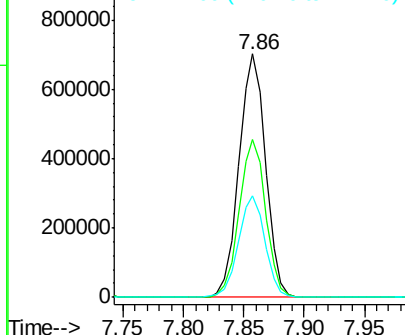
111 41.6 33.8 50.8

Manual Integrations
APPROVED

mohammad
6/6/2019 11:21:41 AM



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.970 ng

RT: 8.17 min Scan# 881

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

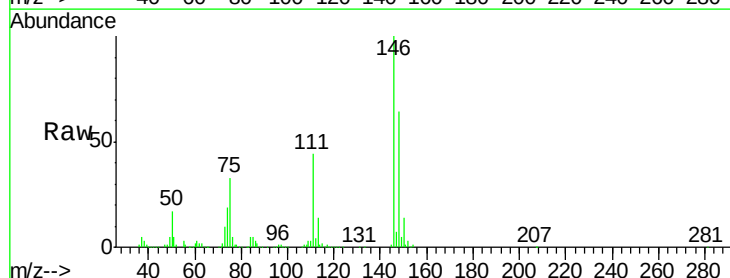
Tgt Ion:146 Resp: 1038119

Ion Ratio Lower Upper

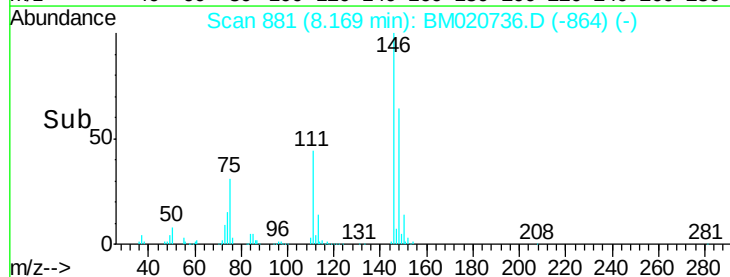
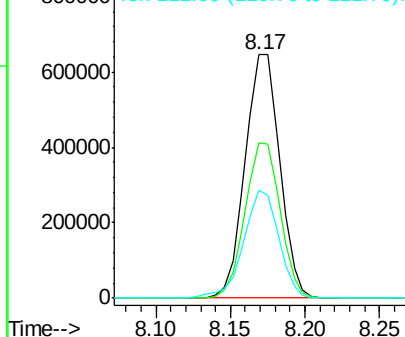
146 100

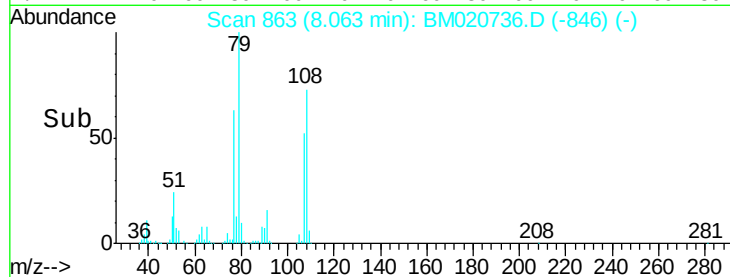
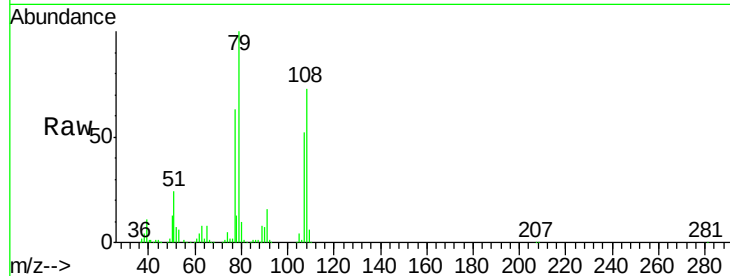
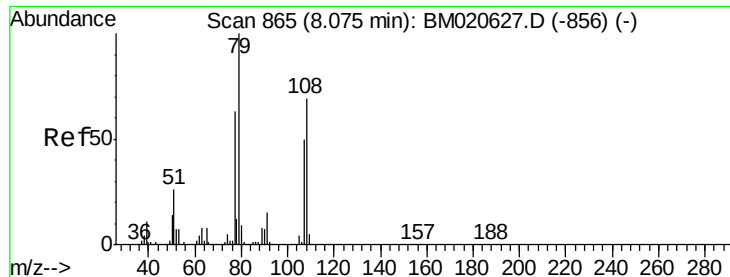
148 63.8 51.0 76.6

111 44.2 35.3 52.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.928 ng

RT: 8.06 min Scan# 863

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

Tot Ion:	79	Resp:	905924
Ion	Ratio	Lower	Upper
79	100		
108	72.8	57.2	85.8
77	63.4	50.9	76.3

Instrument :

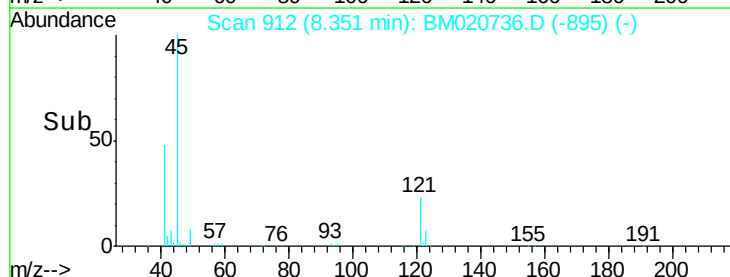
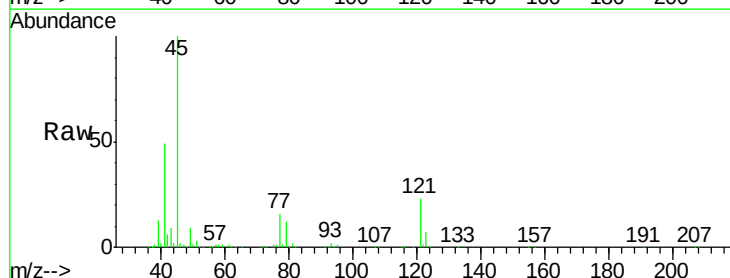
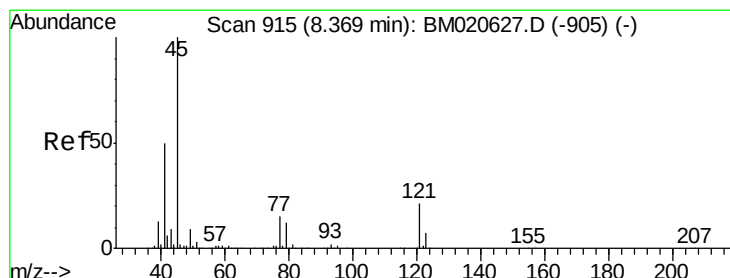
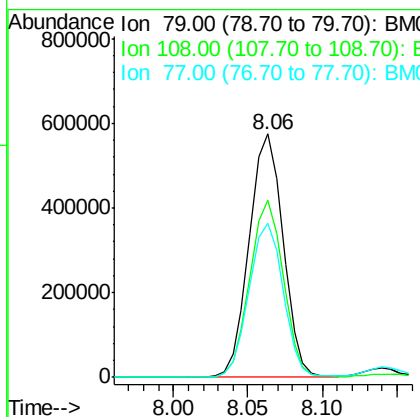
BNA_M

ClientSampleId :

PB120038BS

Manual Integrations
APPROVED

mohammad
6/6/2019 11:21:41 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.602 ng

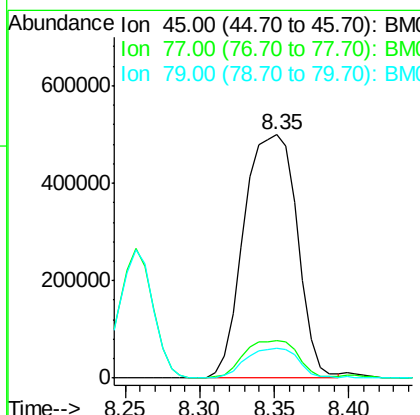
RT: 8.35 min Scan# 912

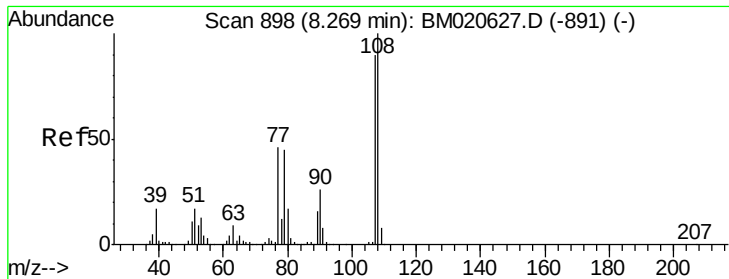
Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

Tgt Ion:	45	Resp:	1235545
Ion	Ratio	Lower	Upper
45	100		
77	15.6	0.0	35.4
79	12.1	0.0	32.2





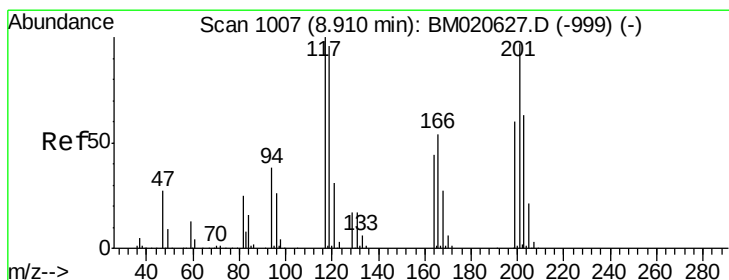
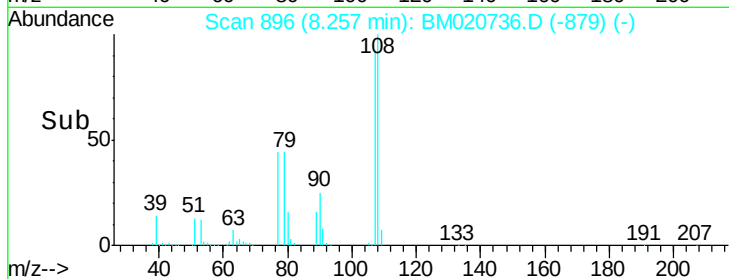
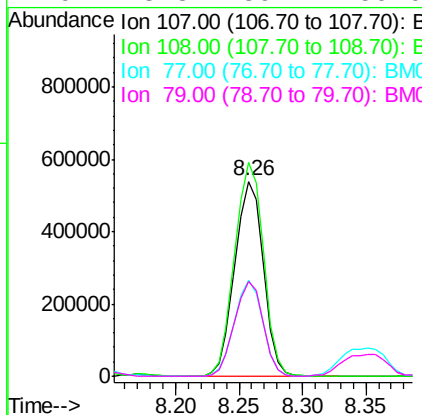
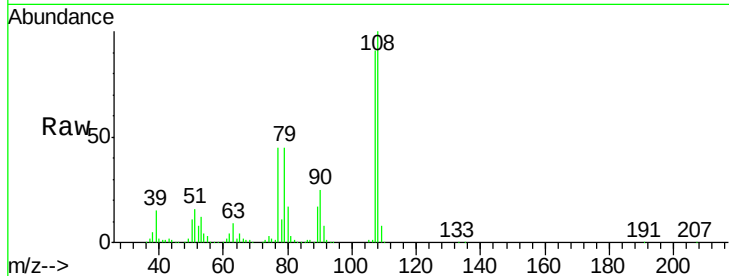
#17
2-Methylphenol
Concen: 40.014 ng
RT: 8.26 min Scan# 896
Delta R.T. 0.00 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Instrument :
BNA_M
ClientSampleId :
PB120038BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	840871		
108	109.5	88.2	132.4	
77	49.6	39.5	59.3	
79	48.8	39.4	59.0	

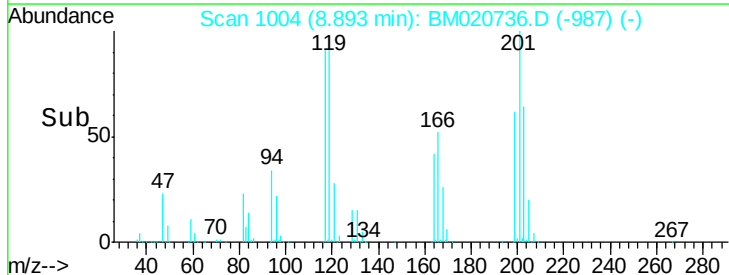
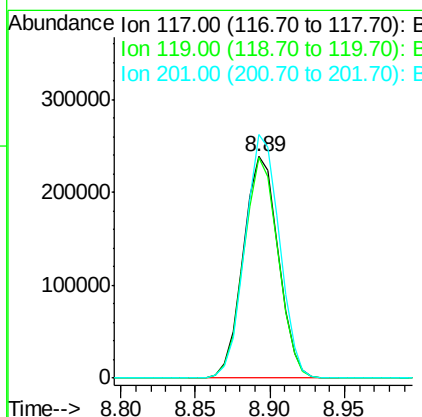
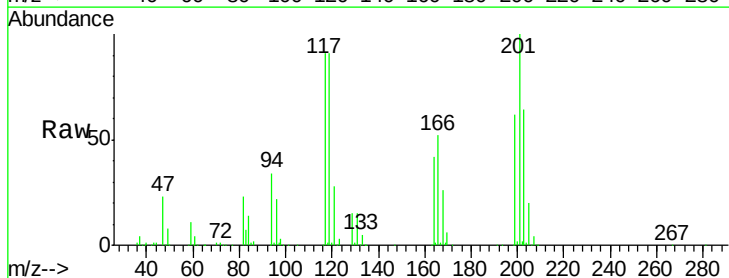
Manual Integrations
APPROVED

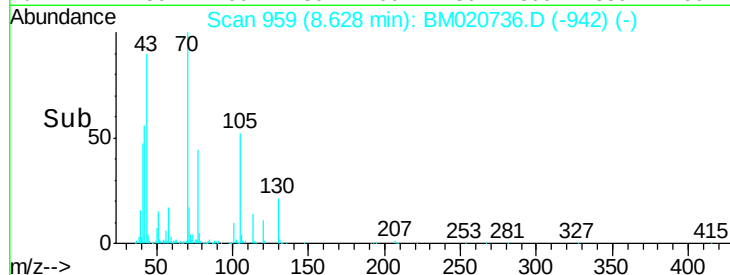
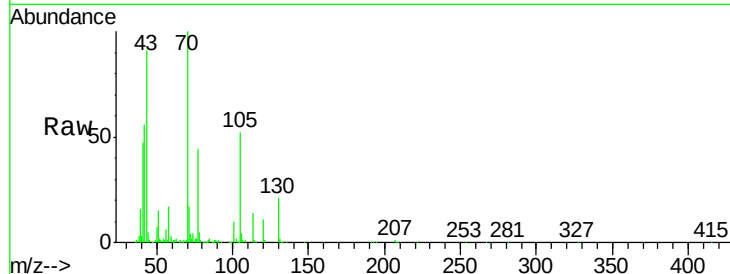
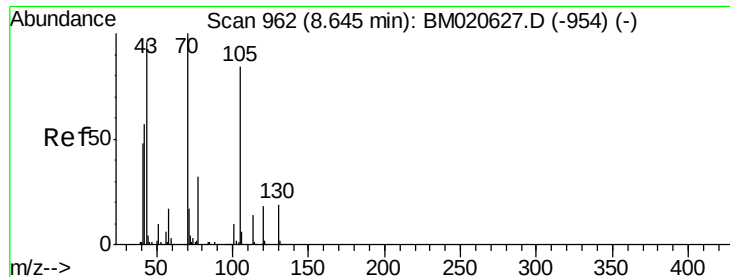
mohammad
6/6/2019 11:21:41 AM



#18
Hexachloroethane
Concen: 37.086 ng
RT: 8.89 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	388672		
119	99.5	78.2	117.4	
201	109.8	83.0	124.4	





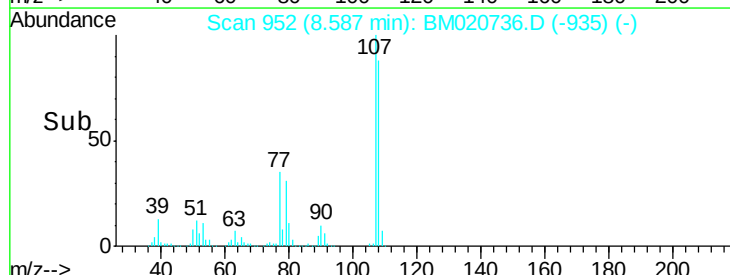
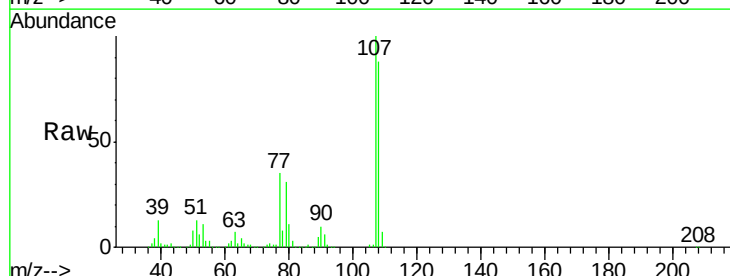
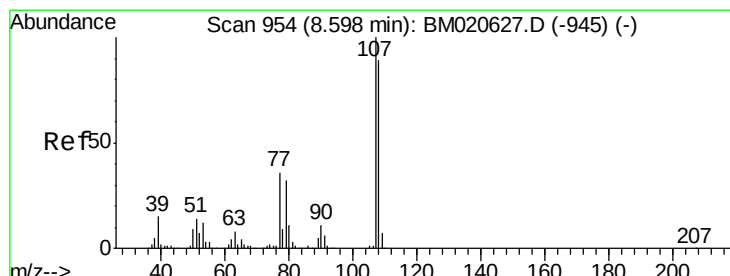
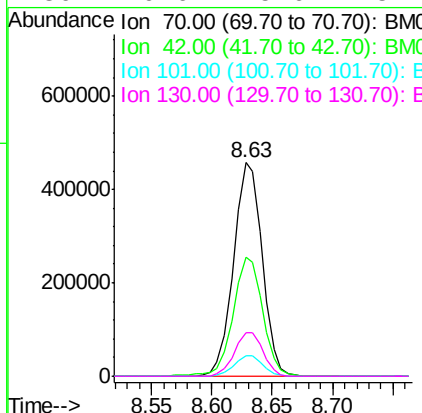
#19
n-Nitroso-di-n-propylamine
Concen: 33.930 ng
RT: 8.63 min Scan# 959
Delta R.T. 0.00 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Instrument :
BNA_M
ClientSampleId :
PB120038BS

Manual Integrations
APPROVED

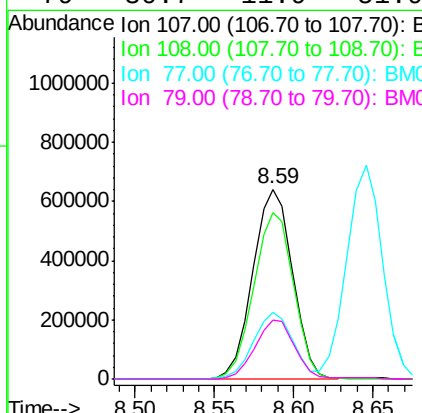
mohammad
6/6/2019 11:21:41 AM

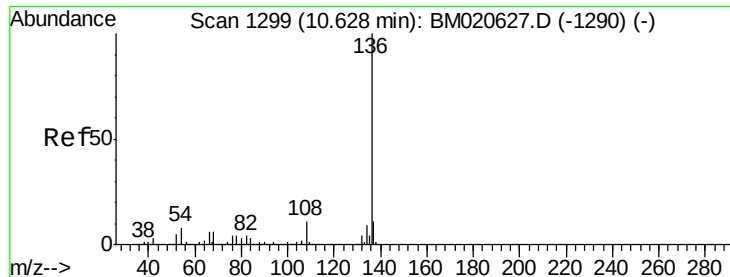
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.7	44.2	66.2	
101	9.8	7.2	10.8	
130	20.6	15.6	23.4	



#20
3+4-Methylphenols
Concen: 39.019 ng
RT: 8.59 min Scan# 952
Delta R.T. 0.00 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.0	70.3	110.3	
77	35.1	15.5	55.5	
79	30.7	11.9	51.9	





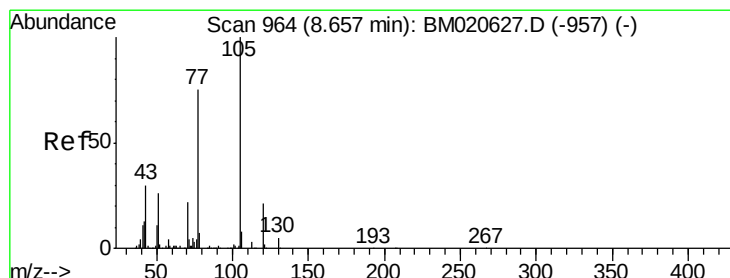
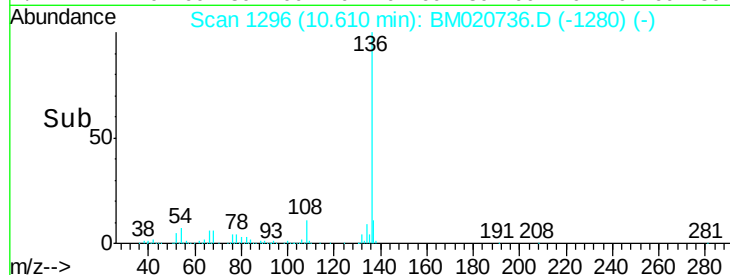
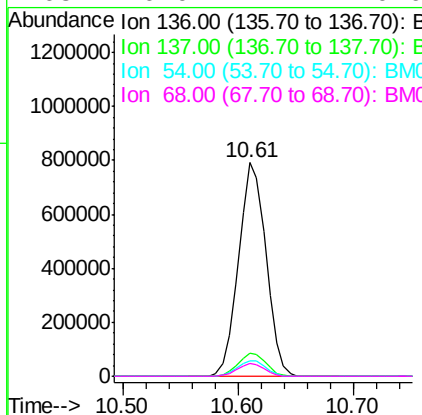
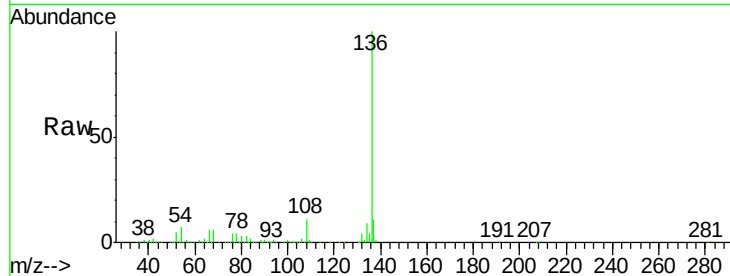
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Instrument :
BNA_M
ClientSampleId :
PB120038BS

Tot Ion	136	Resp	1307765
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.4	6.0	9.0
68	6.0	4.4	6.6

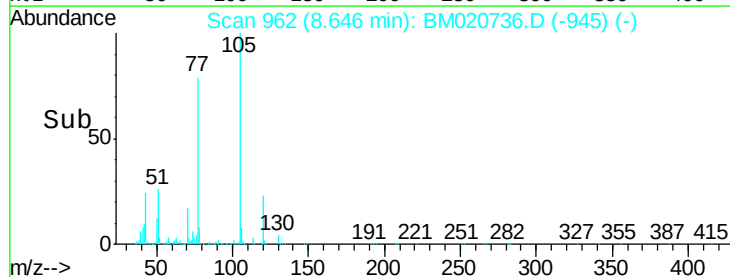
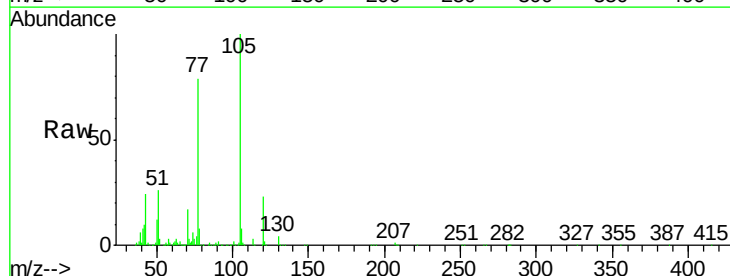
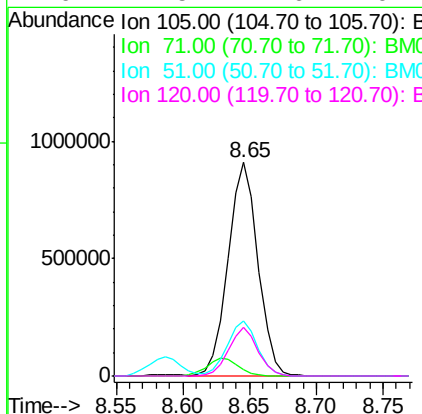
Manual Integrations
APPROVED

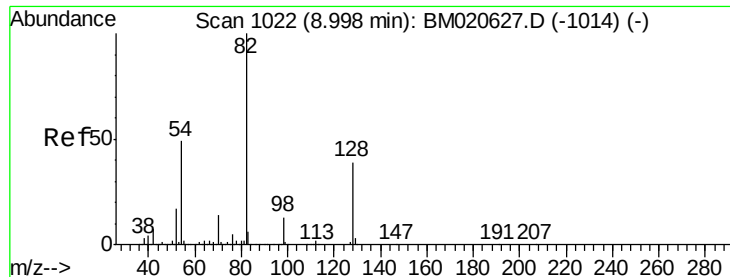
mohammad
6/6/2019 11:21:41 AM



#22
Acetophenone
Concen: 42.747 ng
RT: 8.65 min Scan# 962
Delta R.T. 0.00 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Tgt Ion	105	Resp	1420142
Ion	Ratio	Lower	Upper
105	100		
71	2.9	1.8	2.8#
51	25.9	20.9	31.3
120	22.5	17.6	26.4





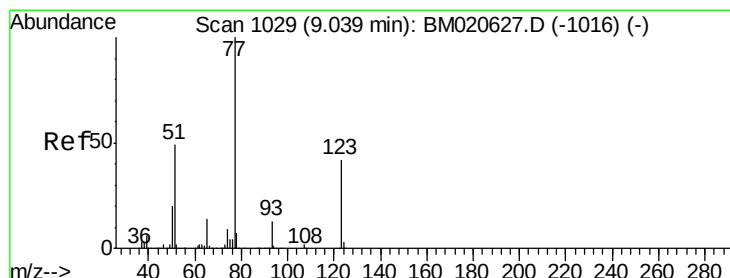
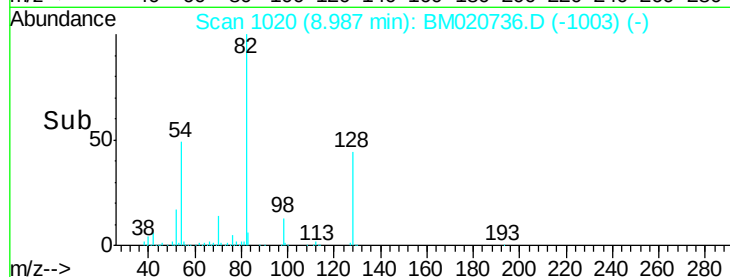
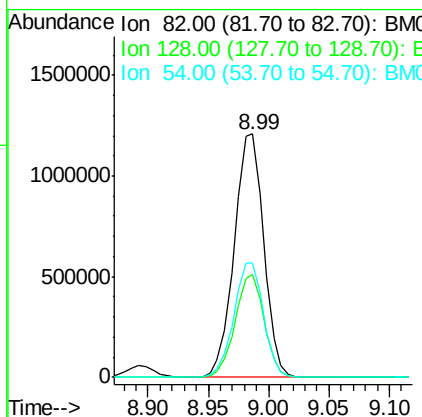
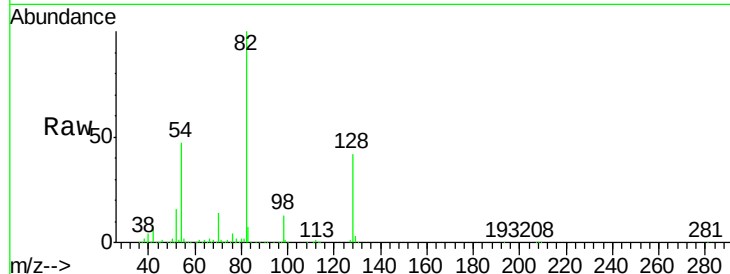
#23
 Nitrobenzene-d5
 Concen: 81.769 ng
 RT: 8.99 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BM020736.D
 Acq: 05 Jun 2019 14:55

Instrument :
 BNA_M
 ClientSampleId :
 PB120038BS

Tot Ion	82	Resp	2063904
Ion	Ratio	Lower	Upper
82	100		
128	42.2	33.2	49.8
54	47.0	37.7	56.5

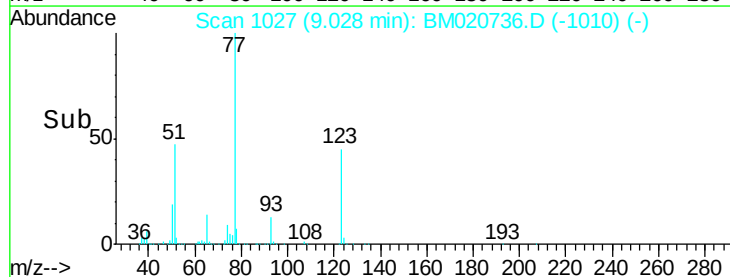
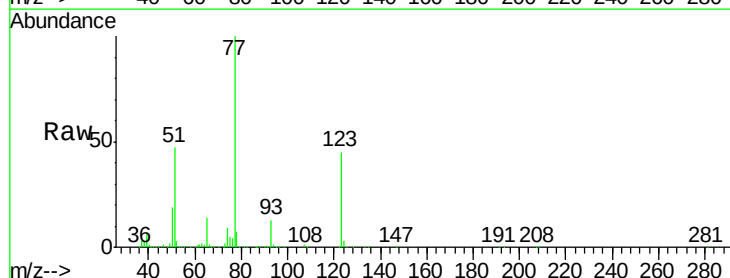
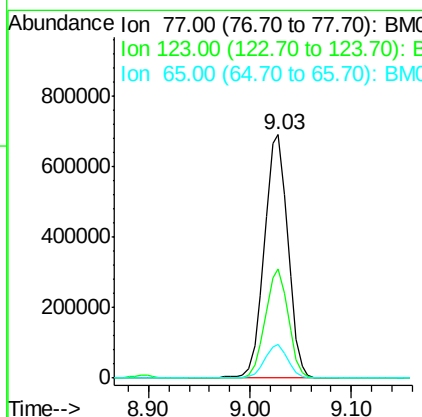
Manual Integrations
 APPROVED

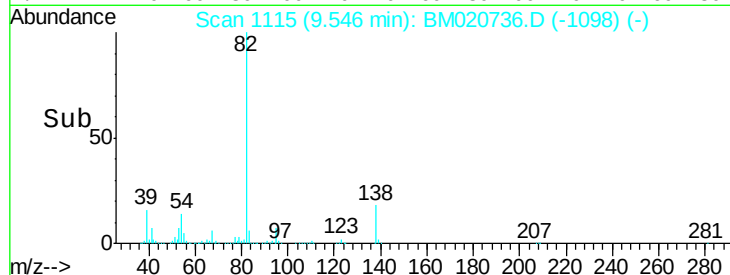
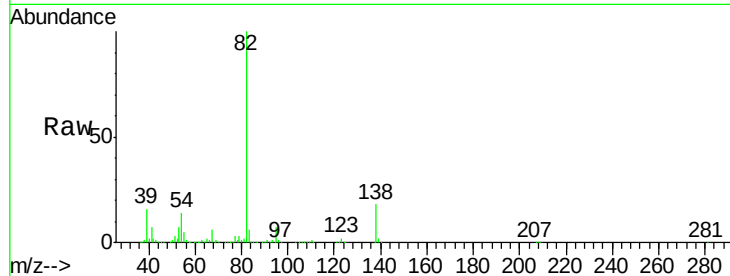
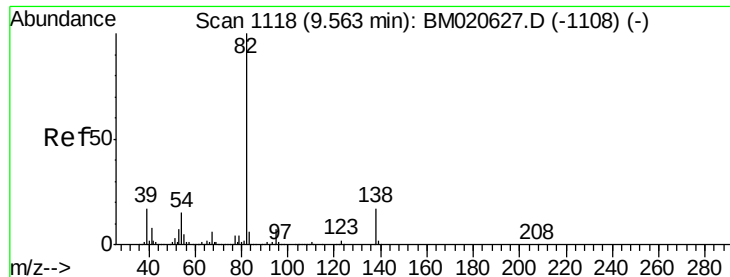
mohammad
 6/6/2019 11:21:41 AM



#24
 Nitrobenzene
 Concen: 43.169 ng
 RT: 9.03 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BM020736.D
 Acq: 05 Jun 2019 14:55

Tgt Ion	77	Resp	1112345
Ion	Ratio	Lower	Upper
77	100		
123	44.9	35.8	53.8
65	13.7	10.9	16.3





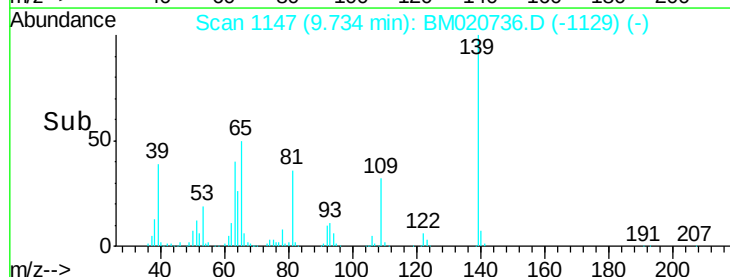
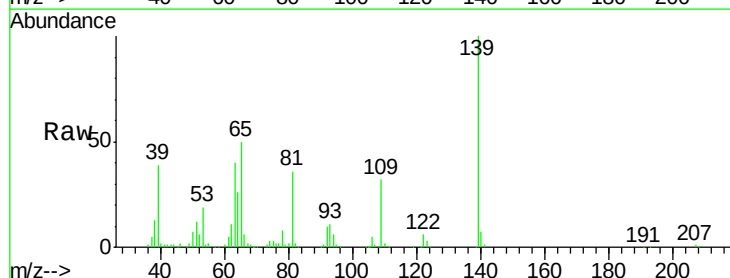
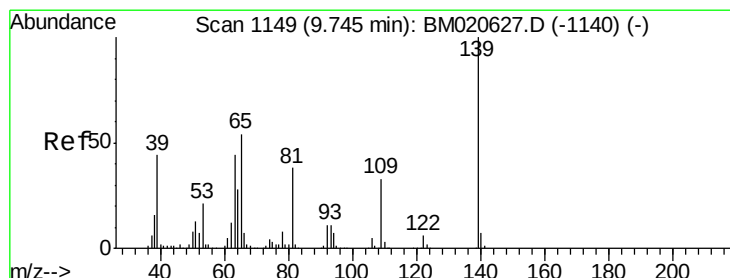
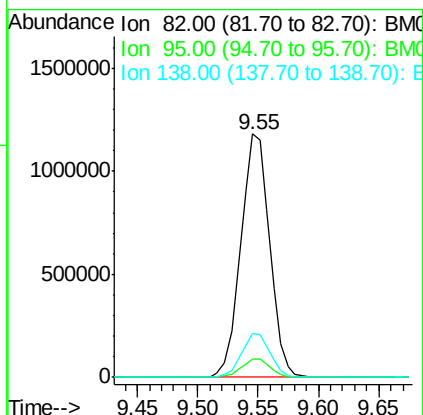
#25
Isophorone
Concen: 39.320 ng
RT: 9.55 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.4	5.8	8.6
138	17.8	14.5	21.7

Instrument :
BNA_M
ClientSampleId :
PB120038BS

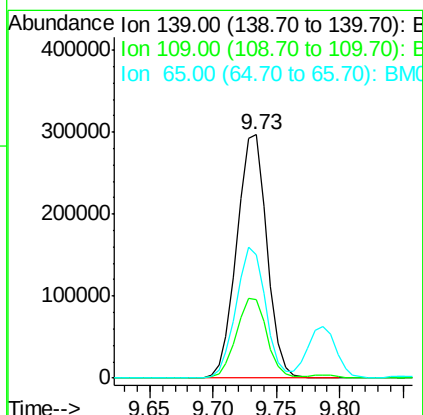
Manual Integrations
APPROVED

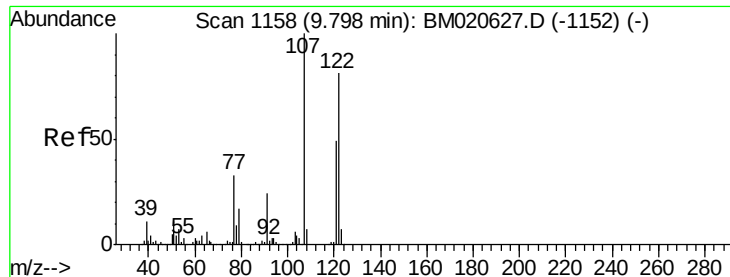
mohammad
6/6/2019 11:21:41 AM



#26
2-Nitrophenol
Concen: 51.029 ng
RT: 9.73 min Scan# 1147
Delta R.T. 0.01 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Tgt Ion	Ratio	Lower	Upper
139	100		
109	32.3	26.8	40.2
65	50.4	42.6	63.8





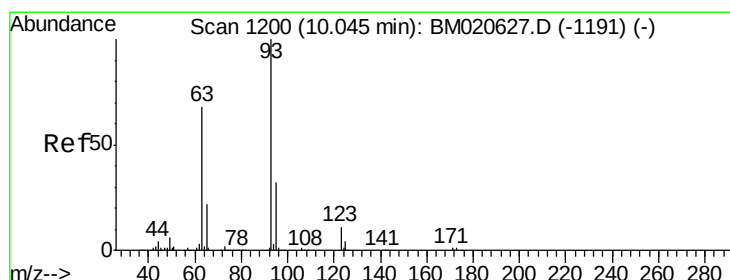
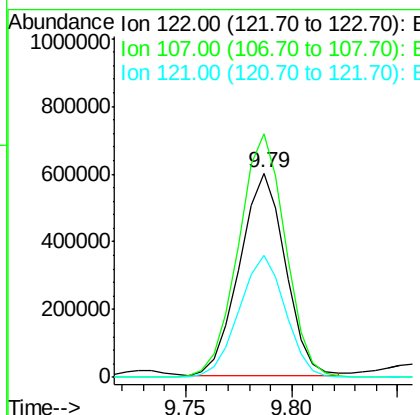
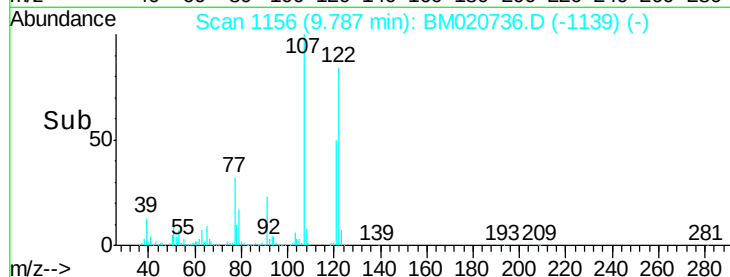
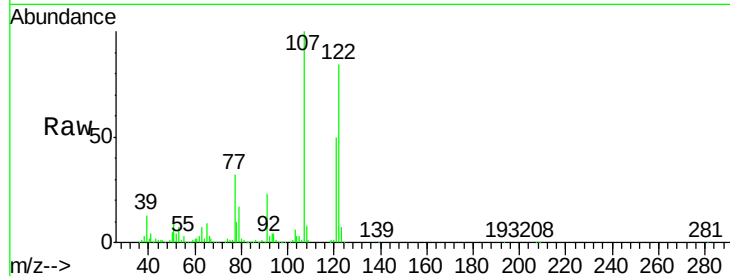
#27
2,4-Dimethylphenol
Concen: 50.027 ng
RT: 9.79 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Instrument :
BNA_M
ClientSampleId :
PB120038BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.3	97.8	146.6
121	59.7	48.5	72.7

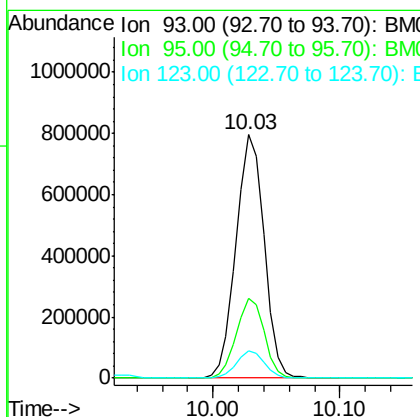
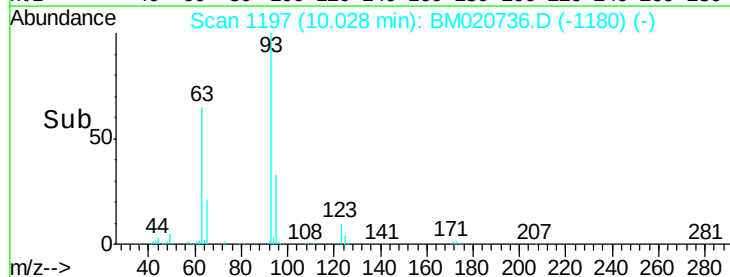
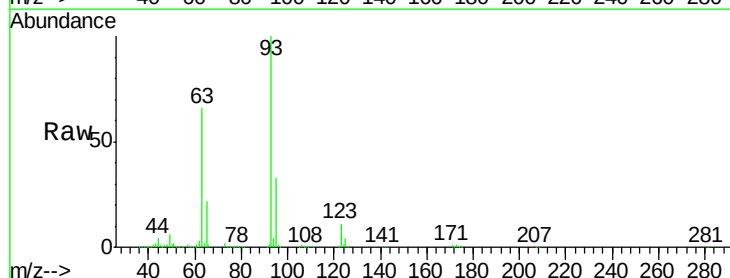
Manual Integrations
APPROVED

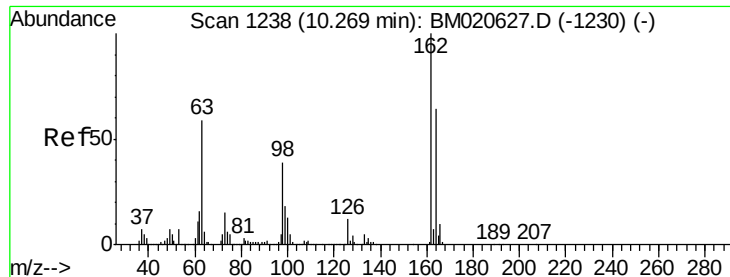
mohammad
6/6/2019 11:21:41 AM



#28
bis(2-Chloroethoxy)methane
Concen: 40.200 ng
RT: 10.03 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.4	38.0
123	11.3	8.8	13.2





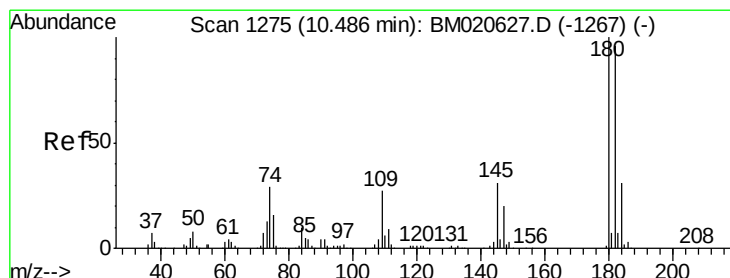
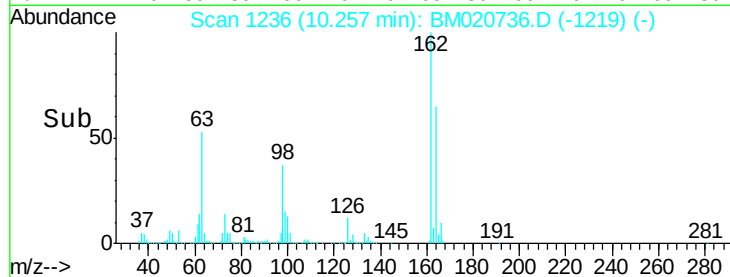
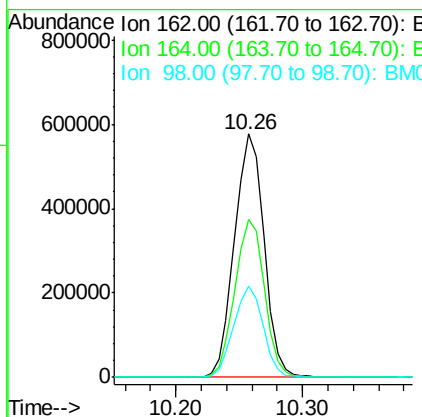
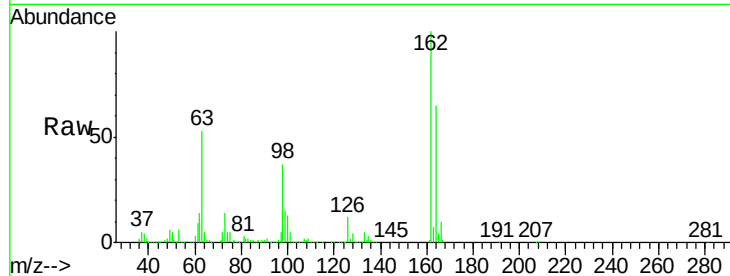
#29
2,4-Dichlorophenol
Concen: 46.921 ng
RT: 10.26 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Instrument :
BNA_M
ClientSampleId :
PB120038BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	934182		
164	64.6	45.5	85.5	
98	37.3	16.7	56.7	

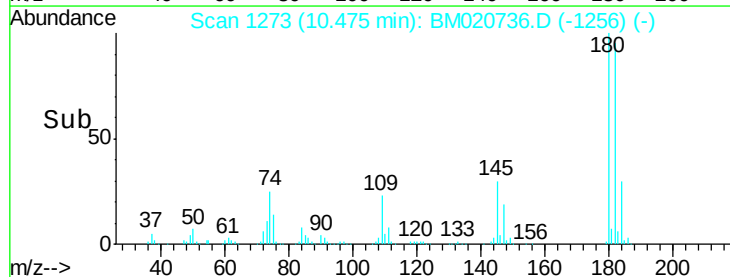
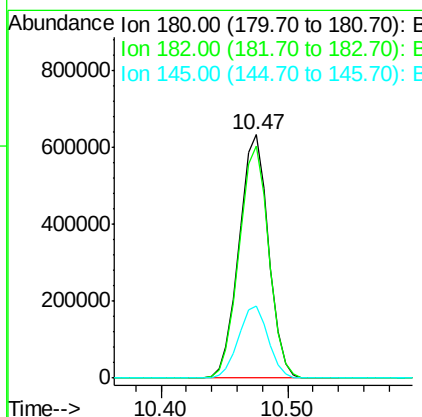
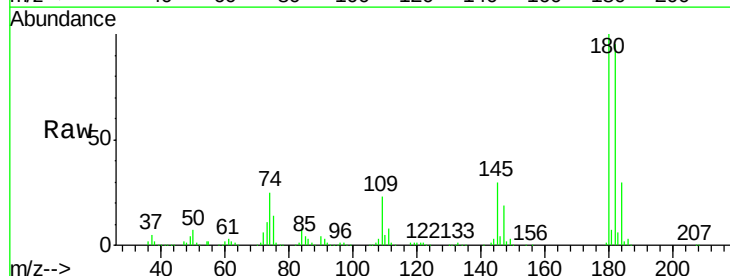
Manual Integrations
APPROVED

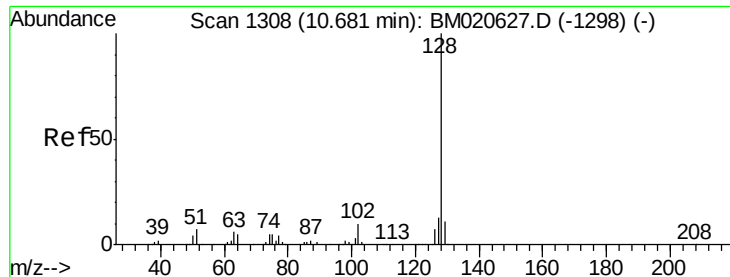
mohammad
6/6/2019 11:21:41 AM



#30
1,2,4-Trichlorobenzene
Concen: 44.525 ng
RT: 10.47 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	1019312		
182	95.3	77.8	116.8	
145	29.8	24.3	36.5	





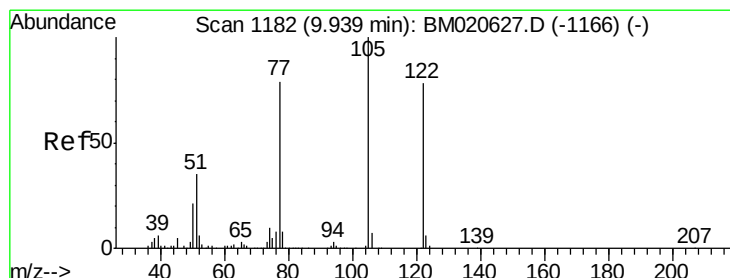
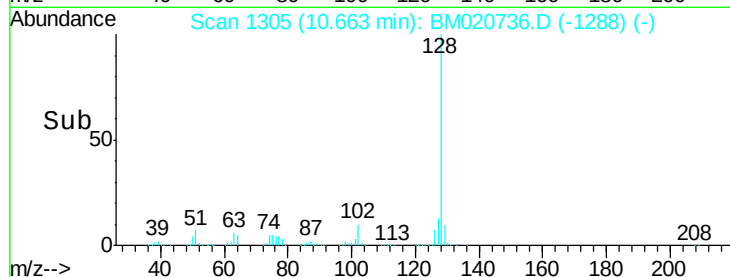
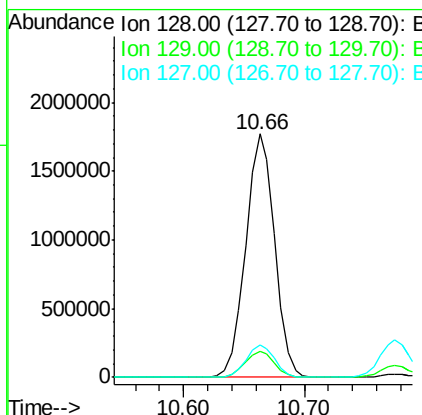
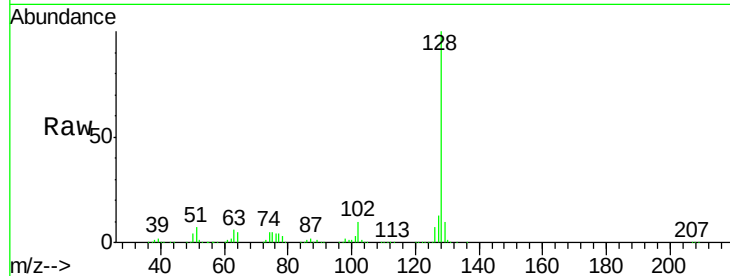
#31
Naphthalene
Concen: 43.727 ng
RT: 10.66 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Instrument :
BNA_M
ClientSampleId :
PB120038BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.0	13.4
127	13.2	10.5	15.7

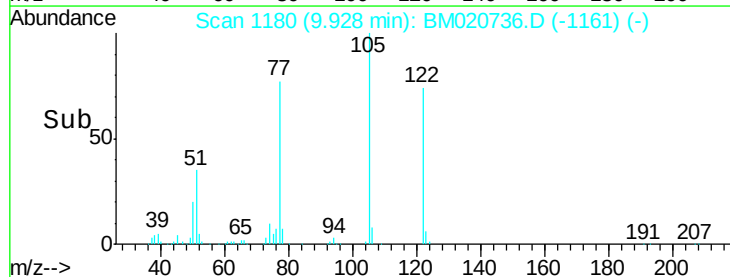
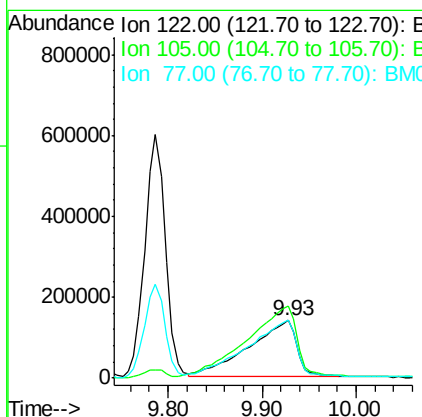
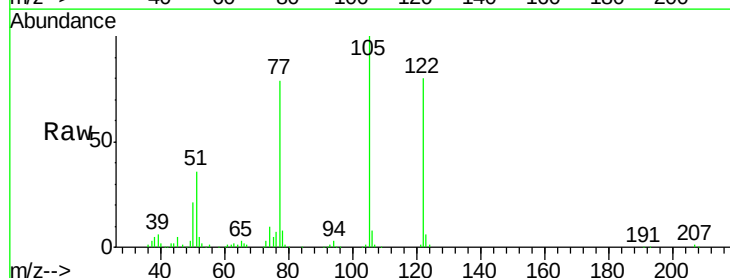
Manual Integrations
APPROVED

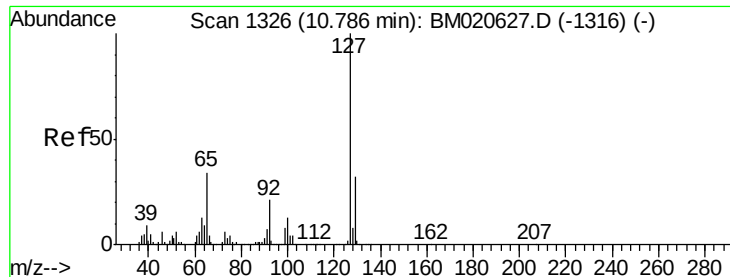
mohammad
6/6/2019 11:21:41 AM



#32
Benzoic acid
Concen: 43.214 ng
RT: 9.93 min Scan# 1180
Delta R.T. 0.01 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.7	108.0	148.0
77	99.2	82.2	122.2





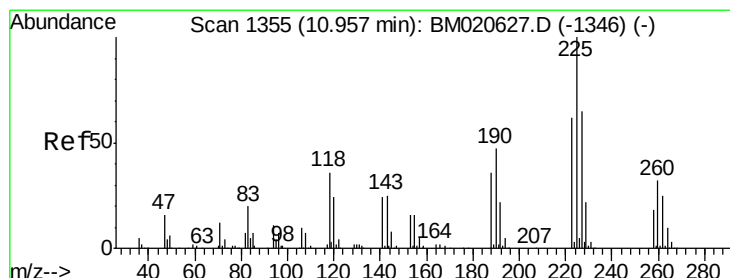
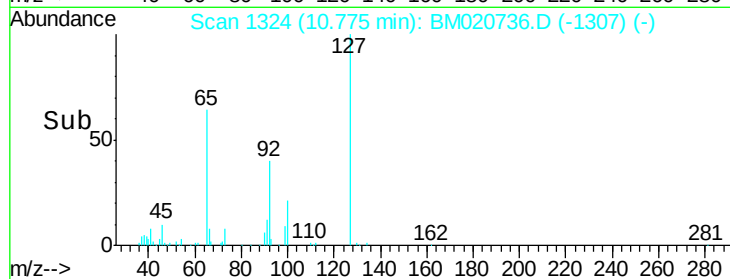
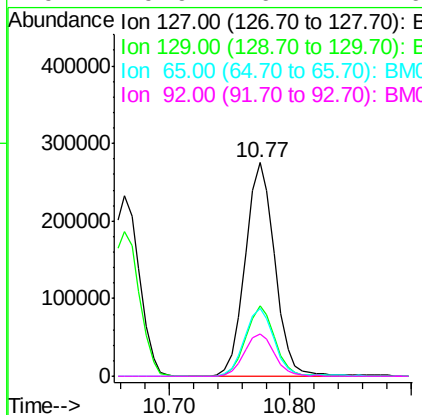
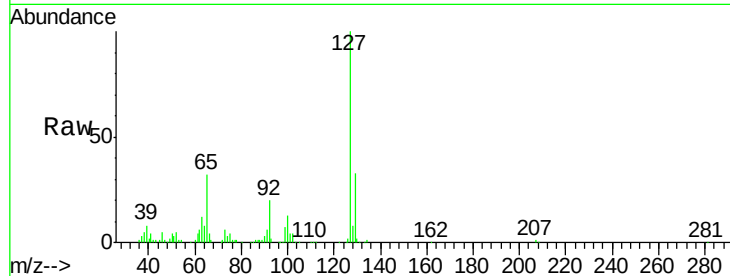
#33
4-Chloroaniline
Concen: 15.095 ng
RT: 10.77 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Instrument :
BNA_M
ClientSampleId :
PB120038BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		472447		
129	32.8	25.4	38.2		
65	31.6	25.3	37.9		
92	19.9	16.4	24.6		

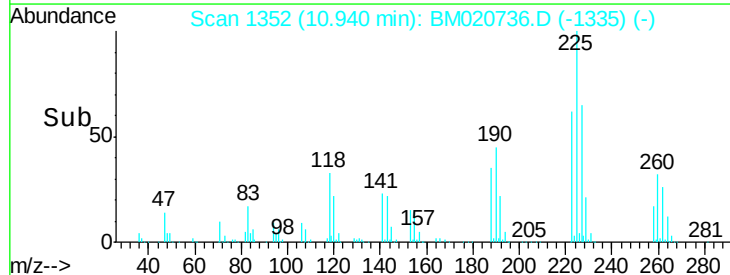
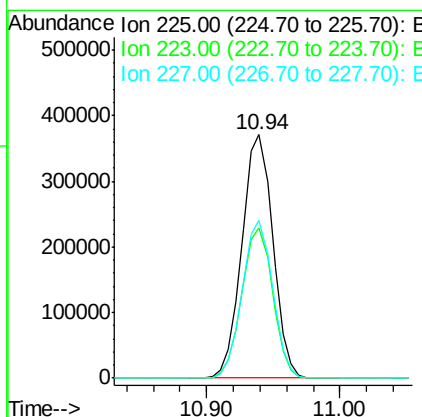
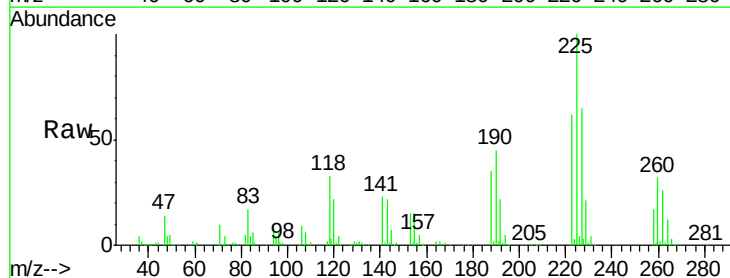
Manual Integrations
APPROVED

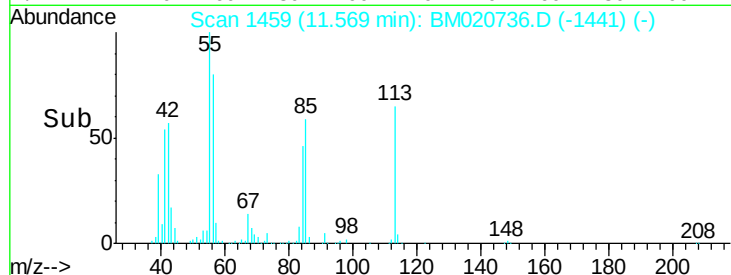
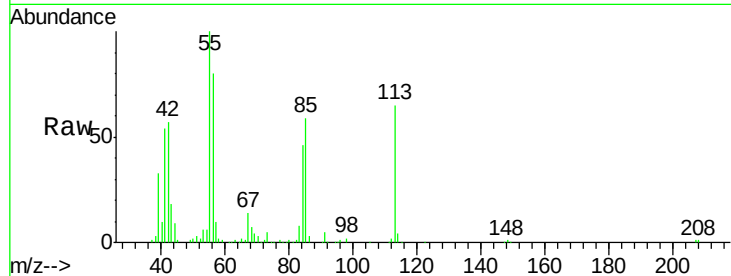
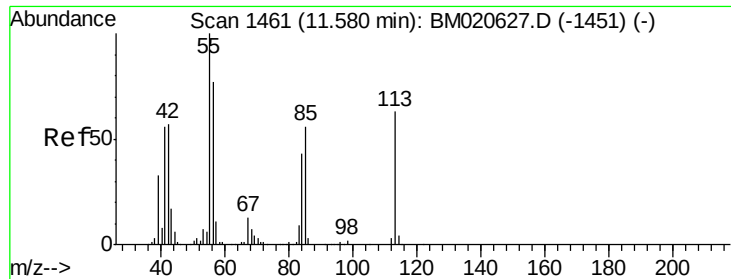
mohammad
6/6/2019 11:21:41 AM



#34
Hexachlorobutadiene
Concen: 43.291 ng
RT: 10.94 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		594642		
223	61.7	49.6	74.4		
227	64.7	51.0	76.4		





#35

Caprolactam

Concen: 36.921 ng/mL

RT: 11.57 min Scan# 1459

Delta R.T. 0.01 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

Tot Ion:	113	Resp:	255364
Ion Ratio	Lower	Upper	
113	100		
55	152.8	141.1	181.1
56	121.5	105.0	145.0

Instrument :

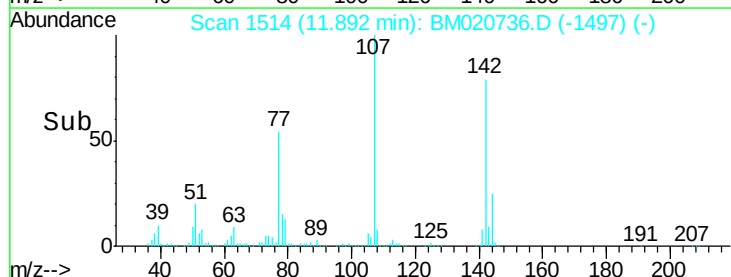
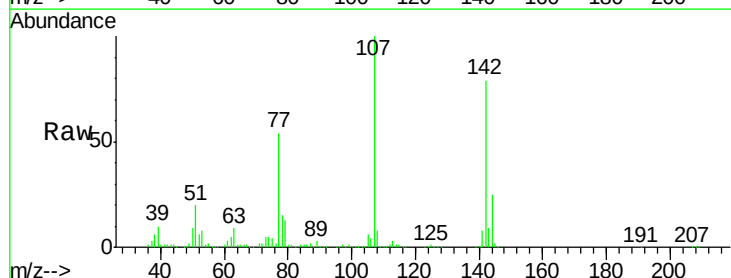
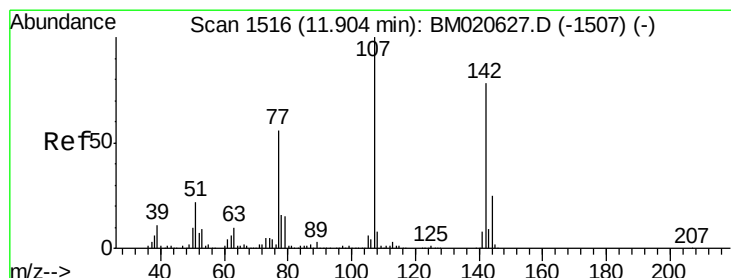
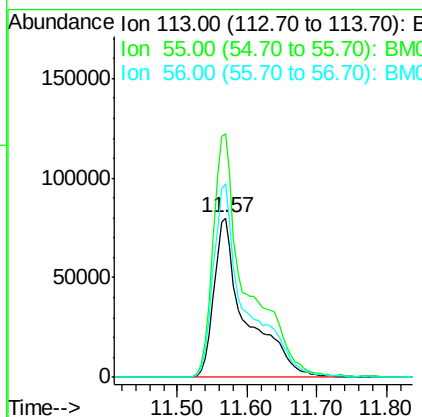
BNA_M

ClientSampleId :

PB120038BS

Manual Integrations
APPROVED

mohammad
6/6/2019 11:21:41 AM



#36

4-Chloro-3-methylphenol

Concen: 40.966 ng/mL

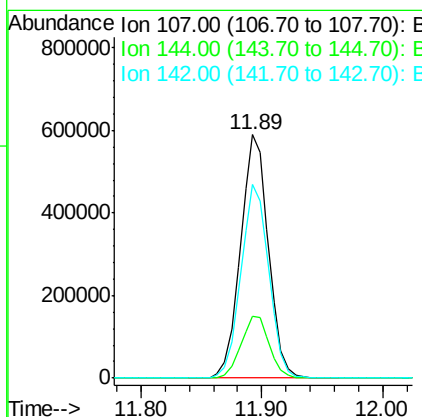
RT: 11.89 min Scan# 1514

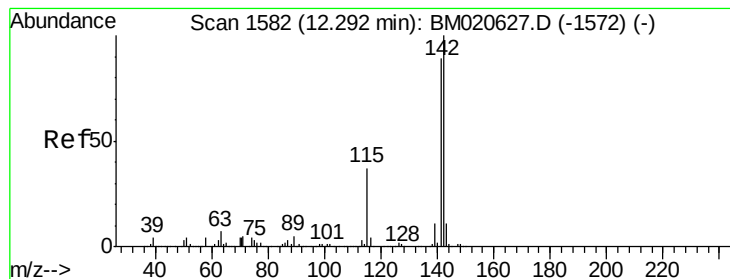
Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

Tgt Ion:	107	Resp:	948271
Ion Ratio	Lower	Upper	
107	100		
144	25.4	20.6	31.0
142	79.3	63.3	94.9





#37

2-Methylnaphthalene

Concen: 42.832 ng

RT: 12.27 min Scan# 1579

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

Instrument :

BNA_M

ClientSampleId :

PB120038BS

Tot Ion:142 Resp: 2135052

Ion Ratio Lower Upper

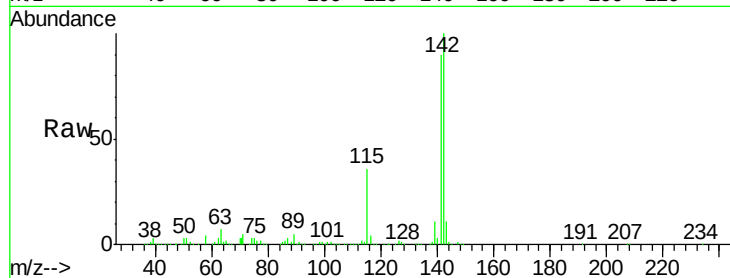
142 100

141 90.2 71.4 107.0

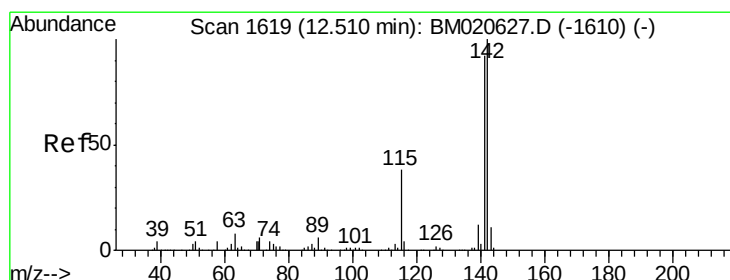
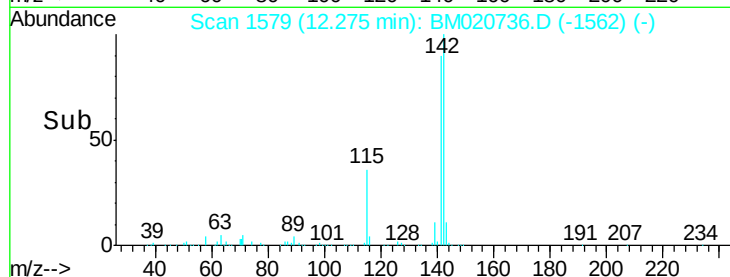
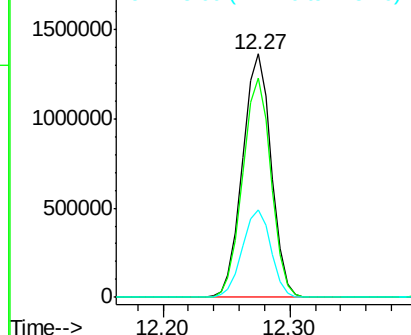
115 35.7 28.2 42.4

Manual Integrations
APPROVED

mohammad
6/6/2019 11:21:41 AM



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 42.918 ng

RT: 12.49 min Scan# 1616

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

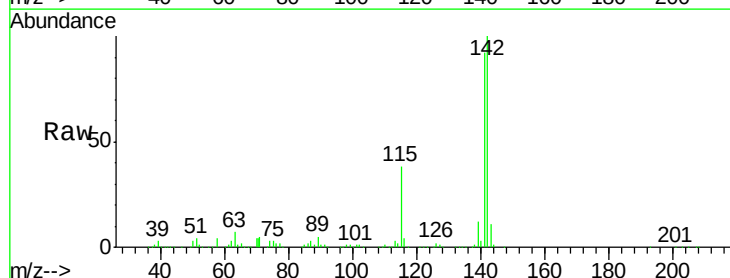
Tgt Ion:142 Resp: 2037024

Ion Ratio Lower Upper

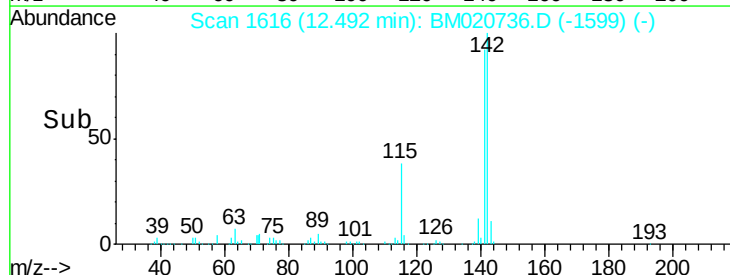
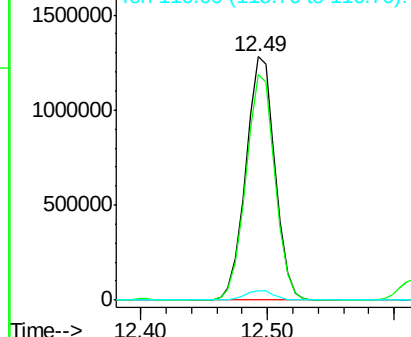
142 100

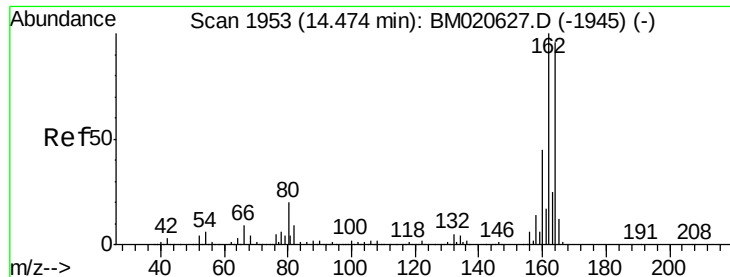
141 92.4 74.1 111.1

116 3.9 3.2 4.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.46 min Scan# 1950

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

Instrument :

BNA_M

ClientSampleId :

PB120038BS

Tot Ion:164 Resp: 694979

Ion Ratio Lower Upper

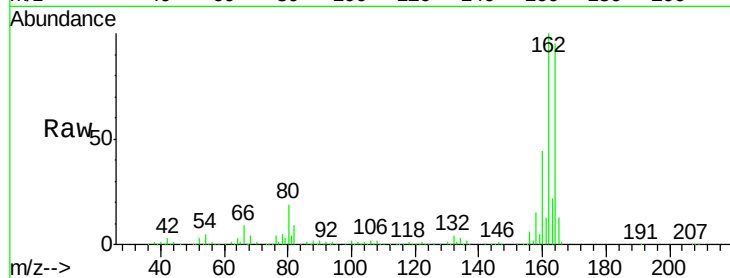
164 100

162 105.7 83.5 125.3

160 46.1 37.2 55.8

Manual Integrations
APPROVED

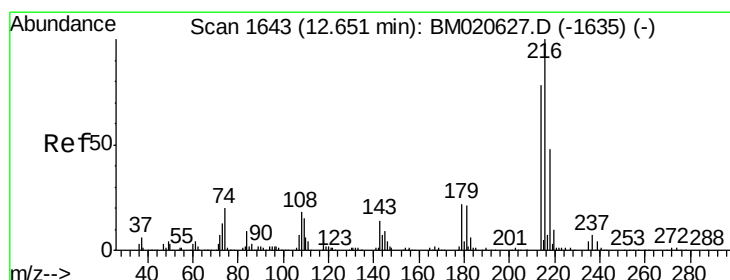
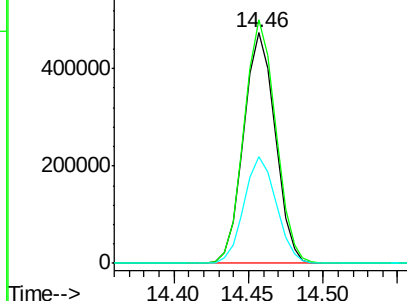
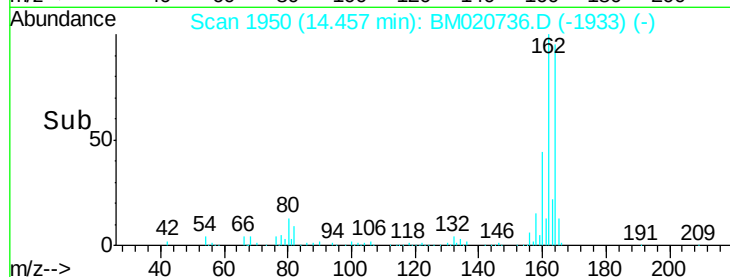
mohammad
6/6/2019 11:21:41 AM



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.716 ng

RT: 12.64 min Scan# 1641

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

Tgt Ion:216 Resp: 1109514

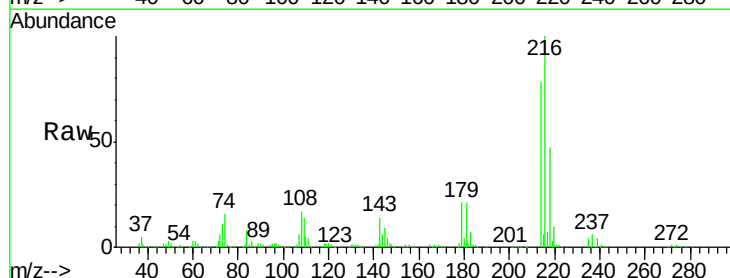
Ion Ratio Lower Upper

216 100

214 78.8 63.1 94.7

179 21.7 17.3 25.9

108 20.3 14.6 22.0

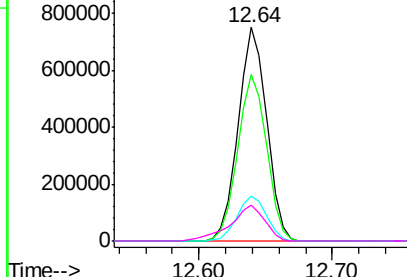
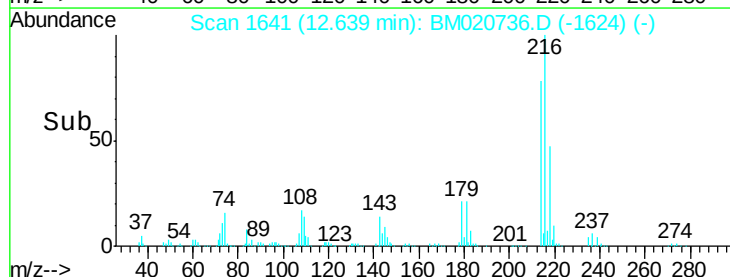


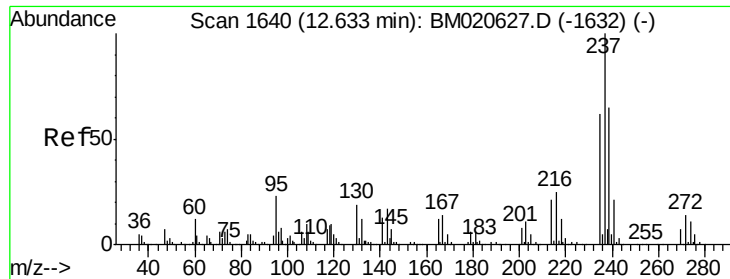
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 102.389 ng

RT: 12.62 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

Instrument :

BNA_M

ClientSampleId :

PB120038BS

Tot Ion:237 Resp: 1394653

Ion Ratio Lower Upper

237 100

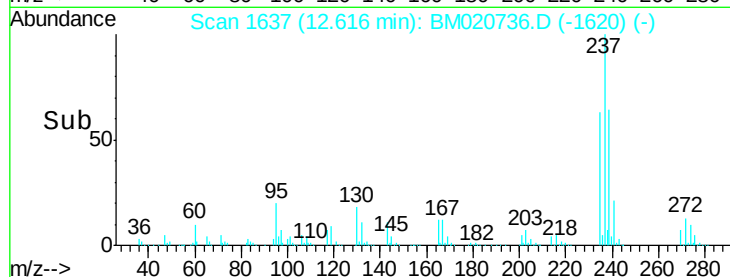
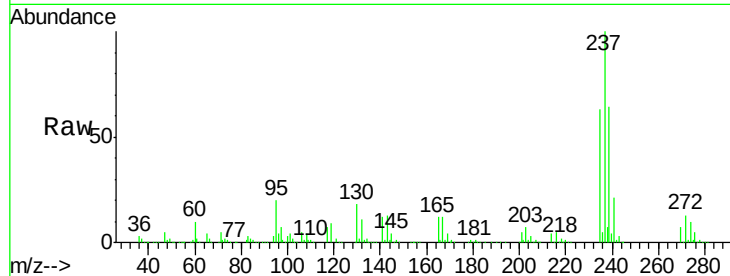
235 62.9 41.7 81.7

272 13.4 0.0 33.0

Manual Integrations
APPROVED

mohammad

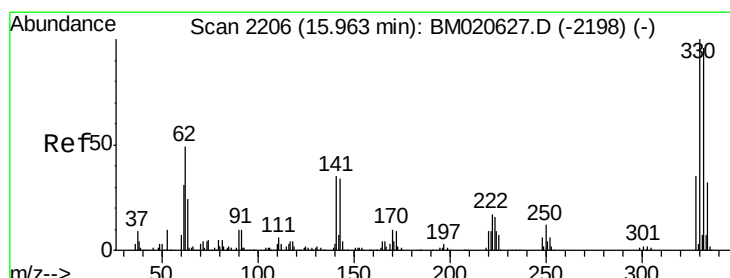
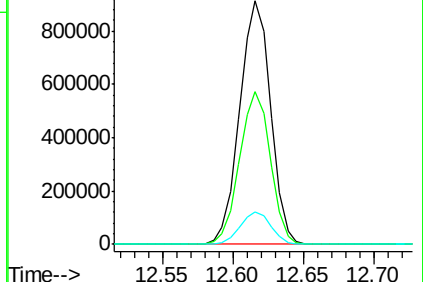
6/6/2019 11:21:41 AM



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 137.876 ng

RT: 15.95 min Scan# 2204

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

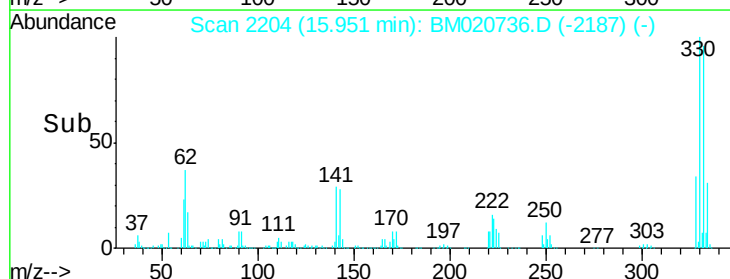
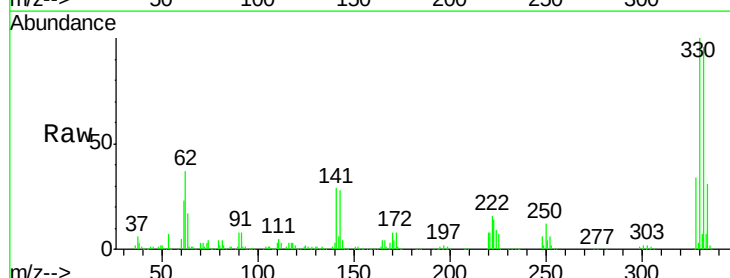
Tgt Ion:330 Resp: 1187213

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.4

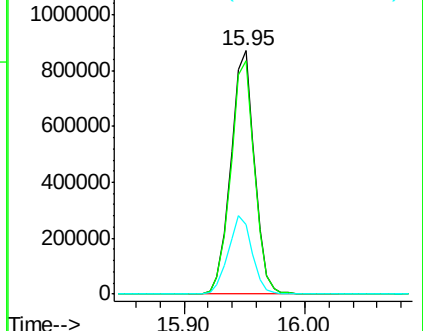
141 32.8 27.7 41.5

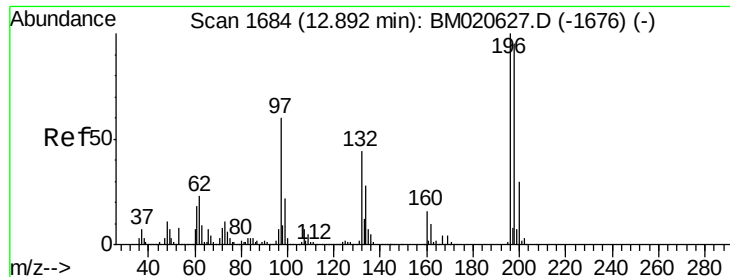


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





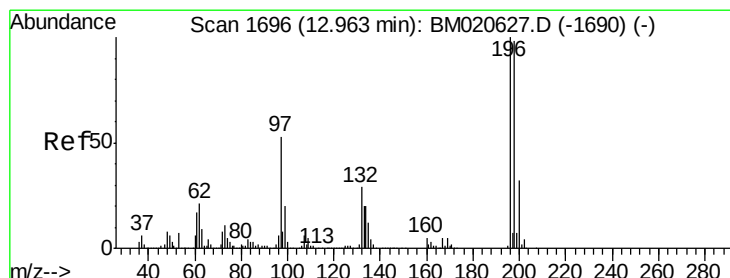
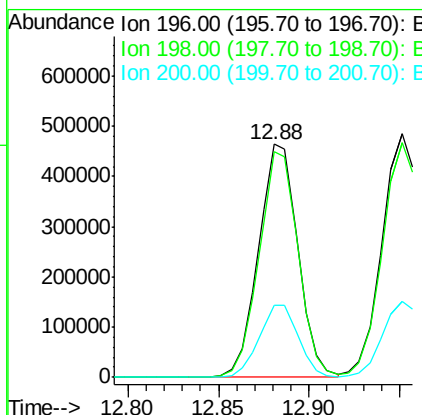
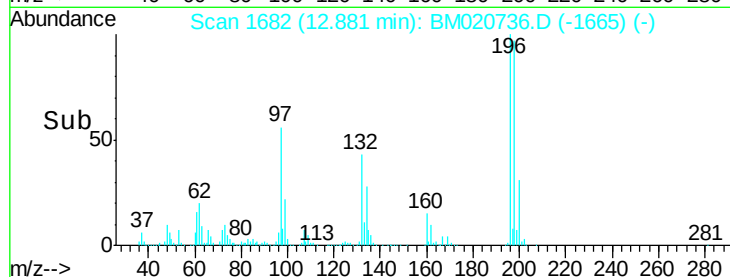
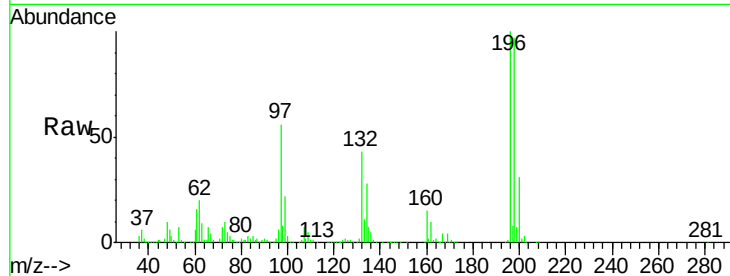
#43
 2,4,6-Trichlorophenol
 Concen: 47.680 ng
 RT: 12.88 min Scan# 1682
 Delta R.T. 0.00 min
 Lab File: BM020736.D
 Acq: 05 Jun 2019 14:55

Instrument :
 BNA_M
 ClientSampleId :
 PB120038BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	698978		
198	97.0	76.4	114.6	
200	31.2	24.6	37.0	

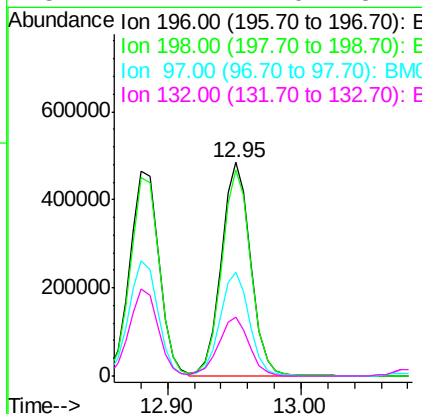
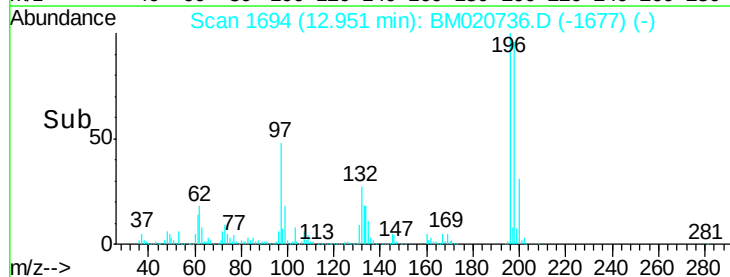
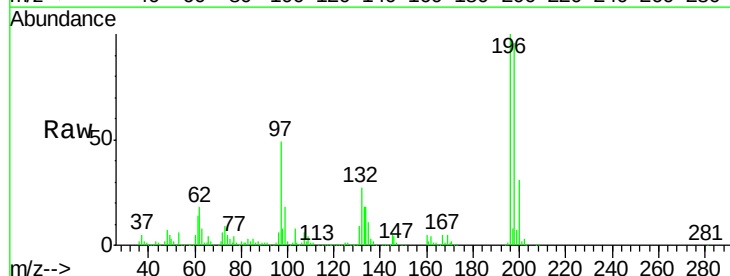
Manual Integrations
 APPROVED

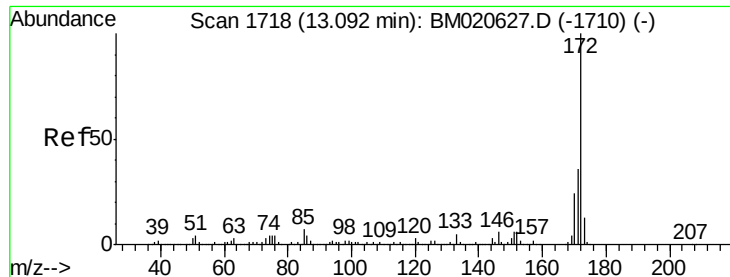
mohammad
 6/6/2019 11:21:41 AM



#44
 2,4,5-Trichlorophenol
 Concen: 48.835 ng
 RT: 12.95 min Scan# 1694
 Delta R.T. 0.00 min
 Lab File: BM020736.D
 Acq: 05 Jun 2019 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	739101		
198	96.3	76.0	114.0	
97	48.5	39.8	59.8	
132	27.4	21.0	31.4	





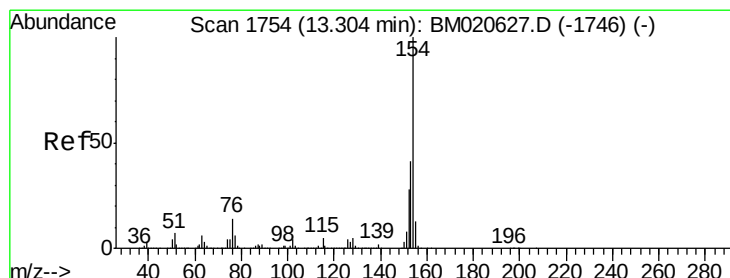
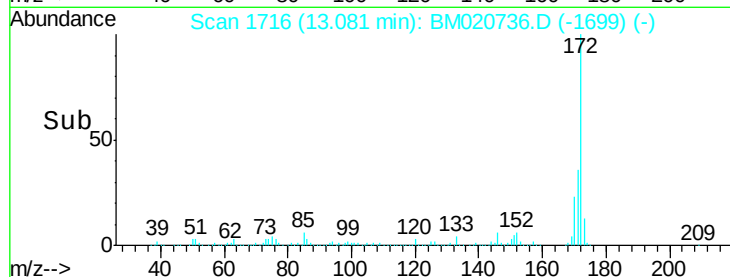
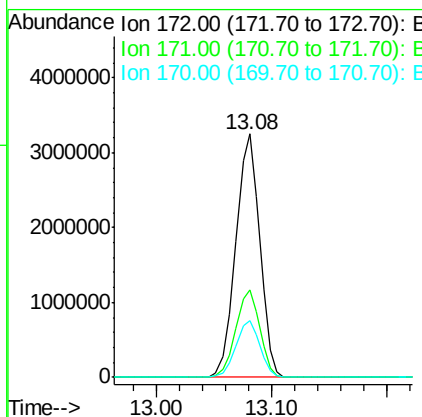
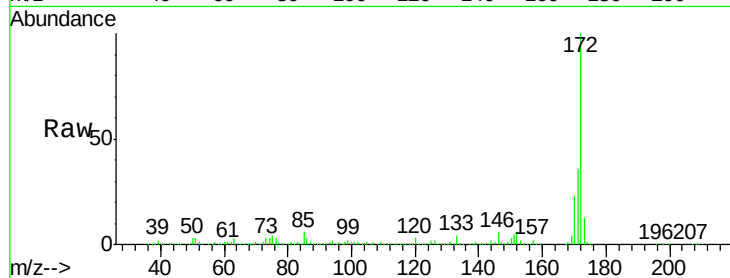
#45
2-Fluorobiphenyl
Concen: 89.226 ng
RT: 13.08 min Scan# 1716
Delta R.T. 0.00 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Instrument :
BNA_M
ClientSampleId :
PB120038BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.8	43.2
170	23.5	18.5	27.7

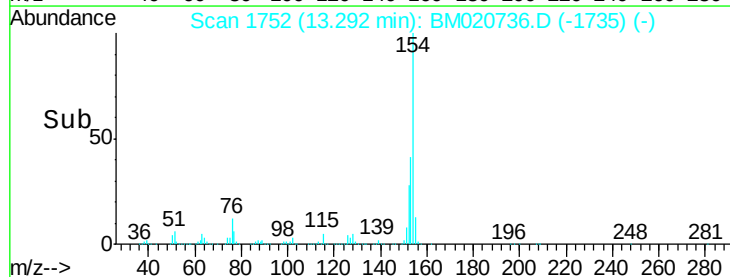
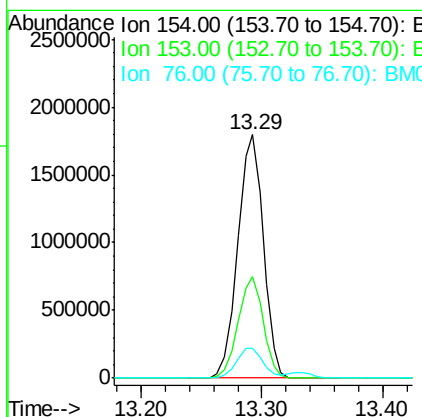
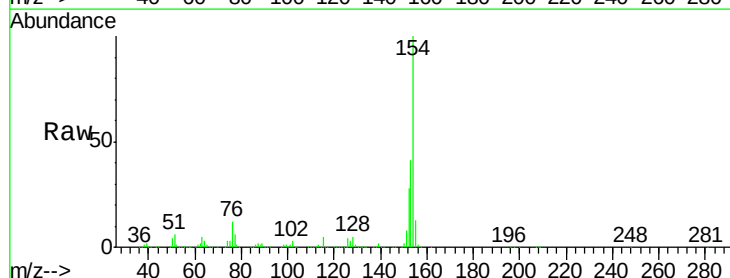
Manual Integrations
APPROVED

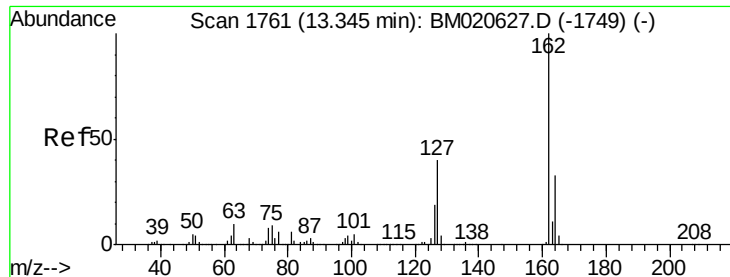
mohammad
6/6/2019 11:21:41 AM



#46
1,1'-Biphenyl
Concen: 45.576 ng
RT: 13.29 min Scan# 1752
Delta R.T. 0.00 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	20.7	60.7
76	12.5	0.0	32.5





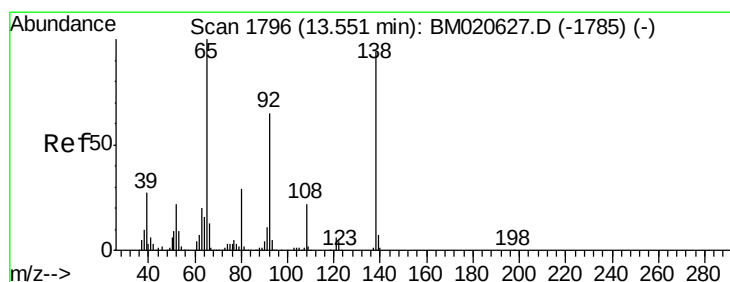
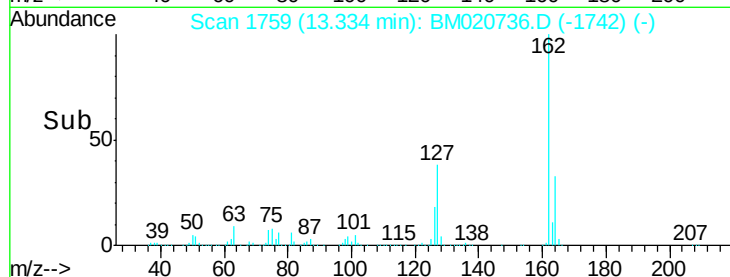
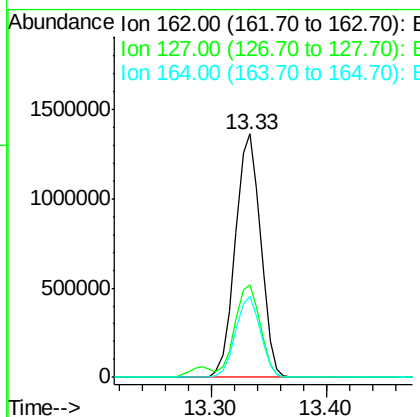
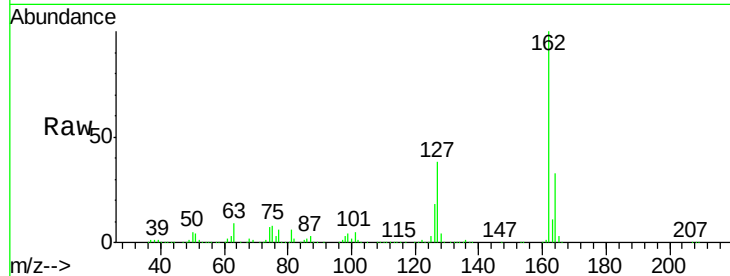
#47
2-Chloronaphthalene
Concen: 44.066 ng
RT: 13.33 min Scan# 1759
Delta R.T. 0.00 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Instrument :
BNA_M
ClientSampleId :
PB120038BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.9	31.1	46.7
164	33.1	26.1	39.1

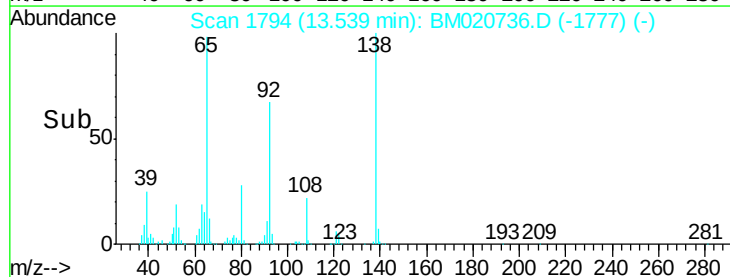
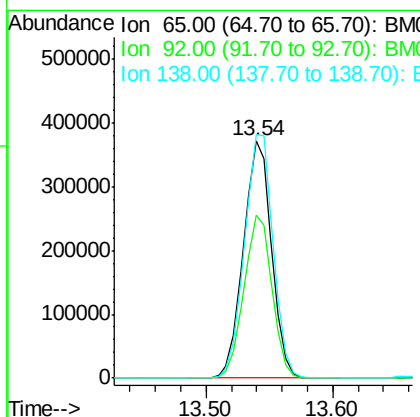
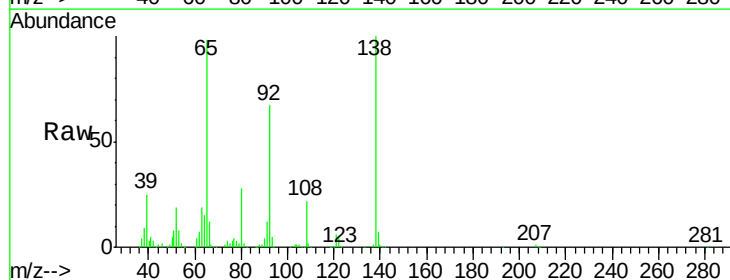
Manual Integrations
APPROVED

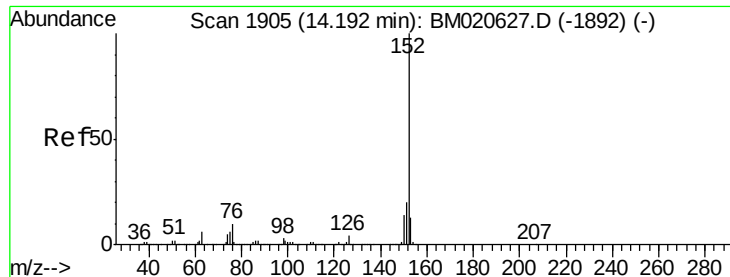
mohammad
6/6/2019 11:21:41 AM



#48
2-Nitroaniline
Concen: 38.926 ng
RT: 13.54 min Scan# 1794
Delta R.T. 0.00 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.8	55.2	82.8
138	102.5	82.6	124.0





#49

Acenaphthylene

Concen: 44.179 ng

RT: 14.18 min Scan# 1903

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

Instrument :

BNA_M

ClientSampleId :

PB120038BS

Tot Ion:152 Resp: 3229204

Ion Ratio Lower Upper

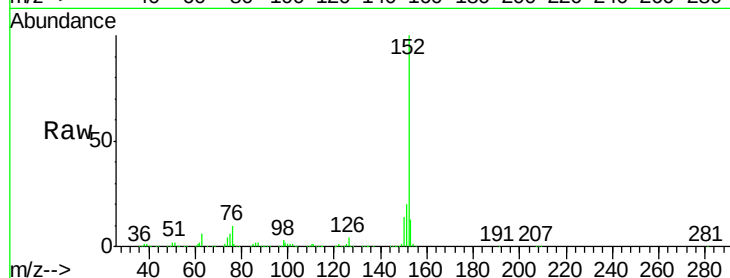
152 100

151 20.2 16.2 24.2

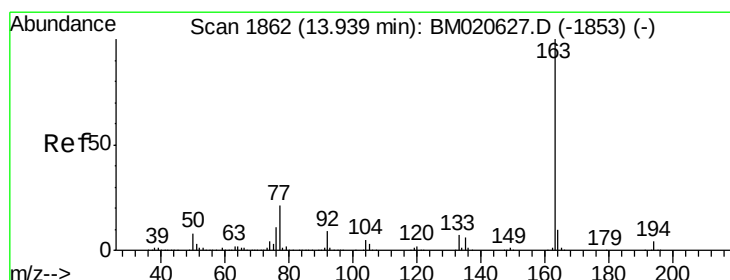
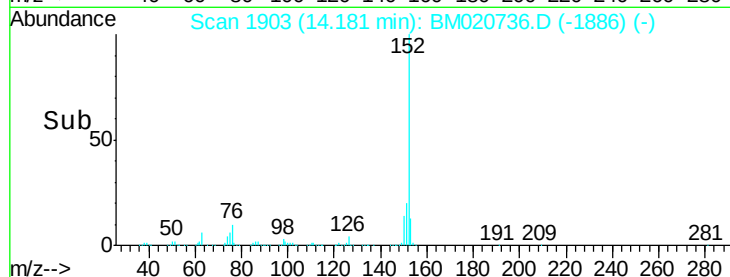
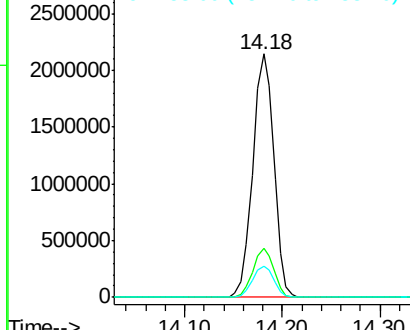
153 13.0 10.6 15.8

Manual Integrations
APPROVED

mohammad
6/6/2019 11:21:41 AM



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.995 ng

RT: 13.92 min Scan# 1859

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

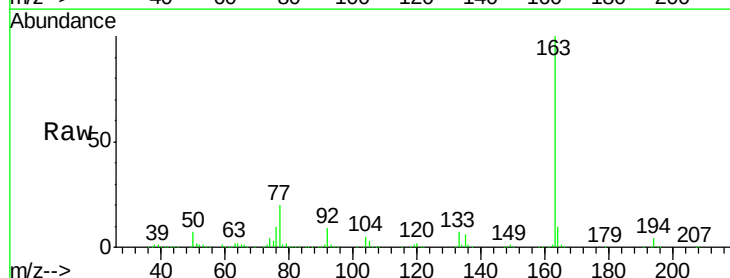
Tgt Ion:163 Resp: 2434079

Ion Ratio Lower Upper

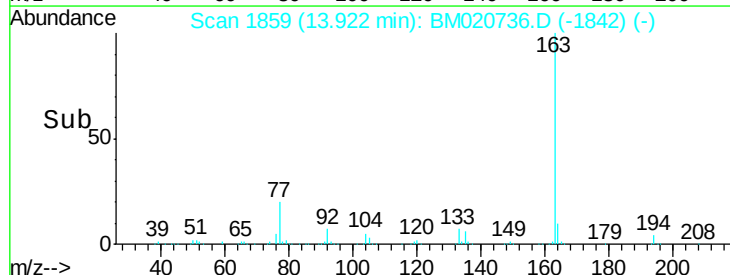
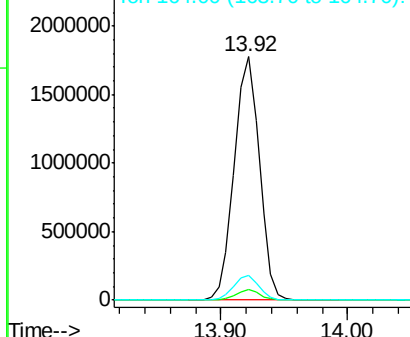
163 100

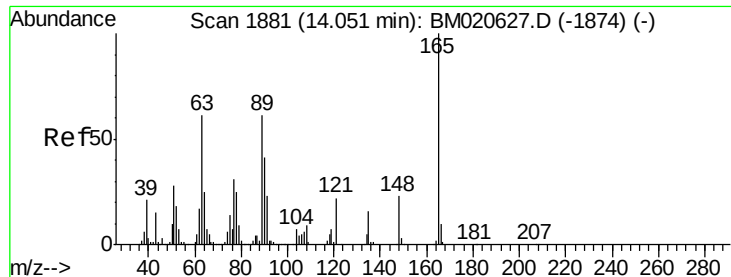
194 4.2 3.2 4.8

164 10.2 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





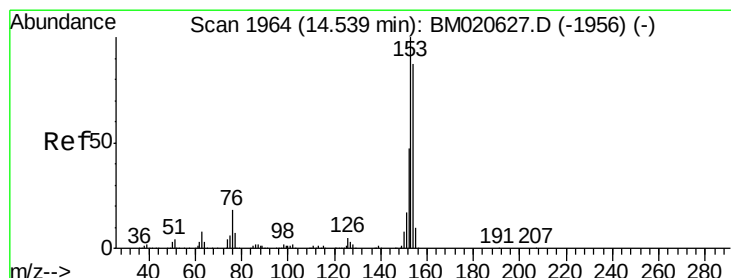
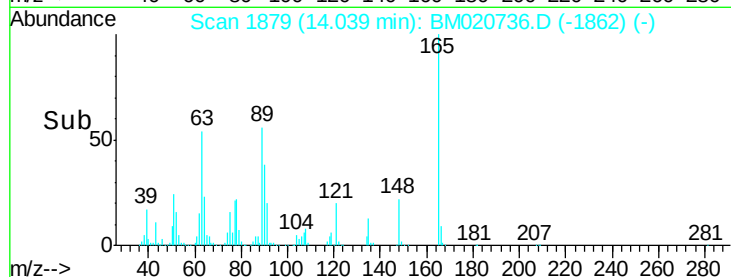
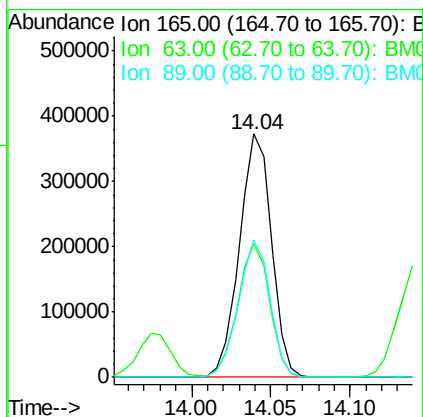
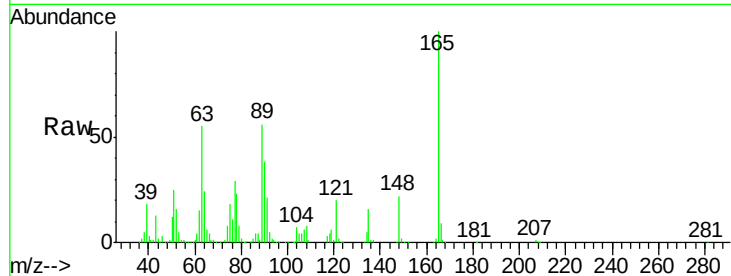
#51
2,6-Dinitrotoluene
Concen: 43.416 ng
RT: 14.04 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Instrument :
BNA_M
ClientSampleId :
PB120038BS

Tot Ion:	165	Resp:	523429
Ion Ratio	Lower	Upper	
165	100		
63	54.9	45.0	67.6
89	56.3	43.5	65.3

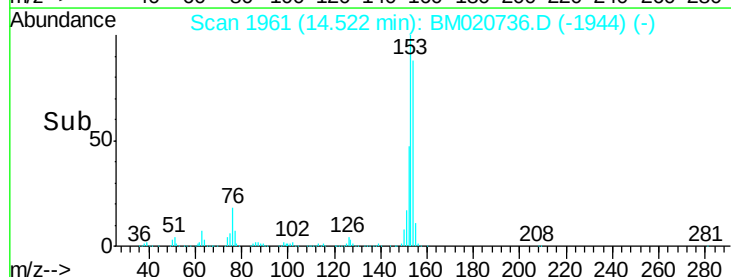
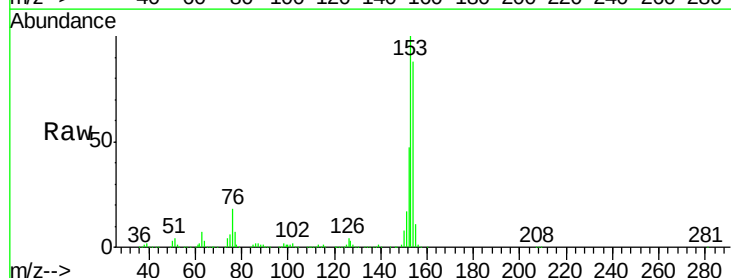
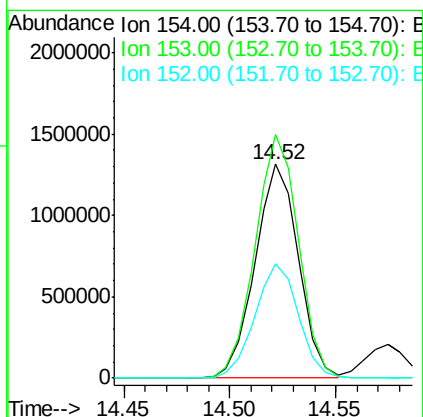
Manual Integrations
APPROVED

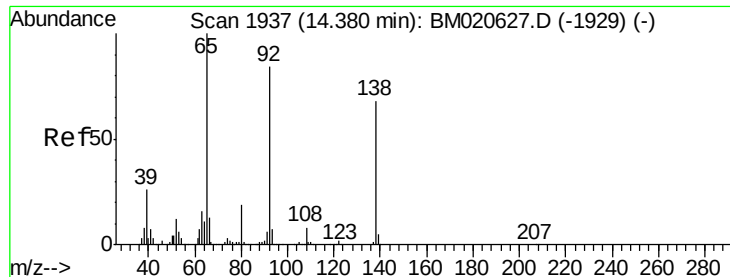
mohammad
6/6/2019 11:21:41 AM



#52
Acenaphthene
Concen: 43.050 ng
RT: 14.52 min Scan# 1961
Delta R.T. 0.00 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Tgt Ion:	154	Resp:	1875215
Ion Ratio	Lower	Upper	
154	100		
153	113.9	90.6	135.8
152	53.3	42.6	63.8





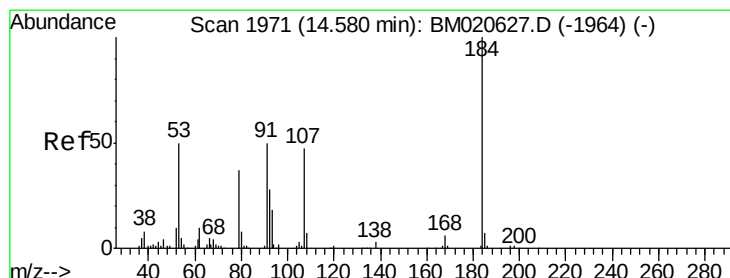
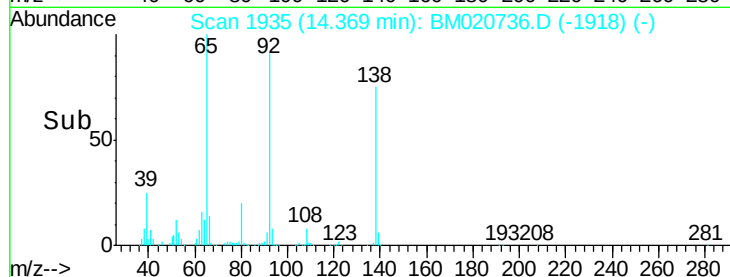
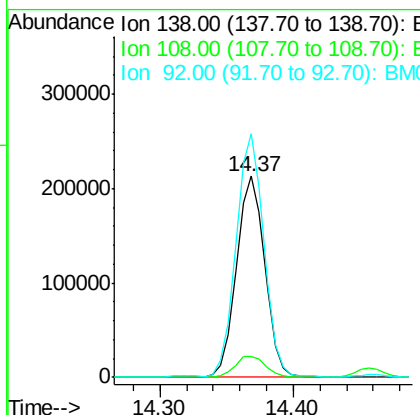
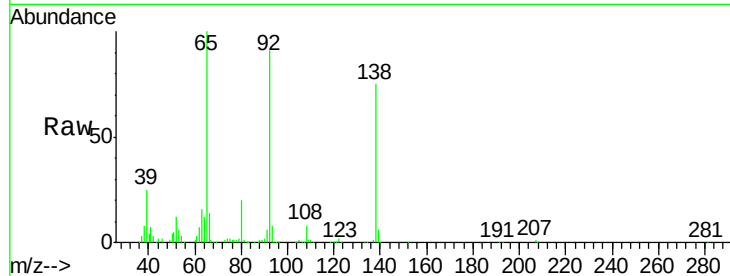
#53
3-Nitroaniline
Concen: 23.316 ng
RT: 14.37 min Scan# 1935
Delta R.T. 0.00 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Instrument :
BNA_M
ClientSampleId :
PB120038BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	313754		
108	10.7	8.9	13.3	
92	121.1	95.2	142.8	

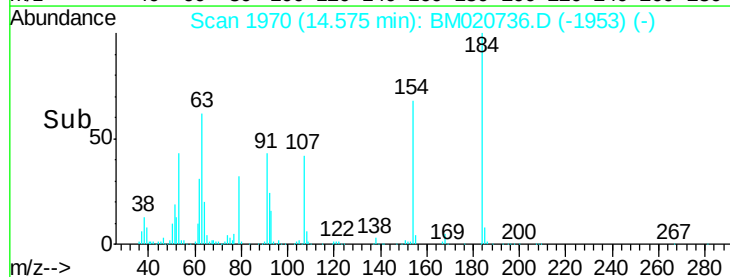
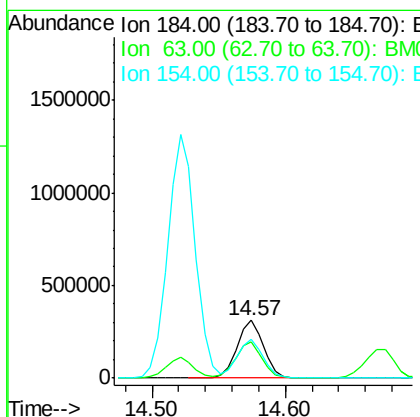
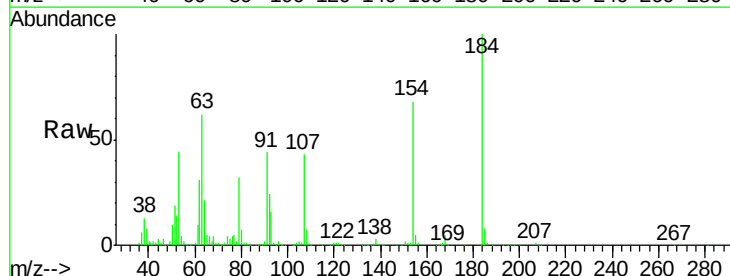
Manual Integrations
APPROVED

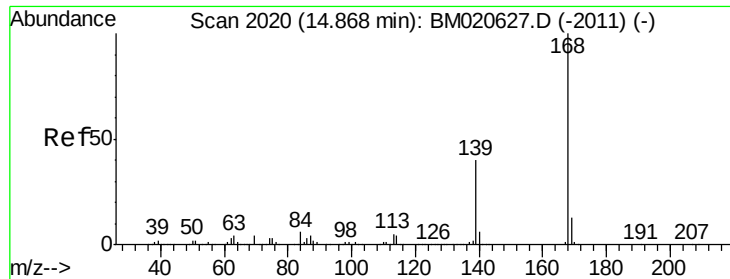
mohammad
6/6/2019 11:21:41 AM



#54
2,4-Dinitrophenol
Concen: 82.554 ng
RT: 14.57 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	429502		
63	62.3	49.8	74.8	
154	67.9	55.4	83.2	





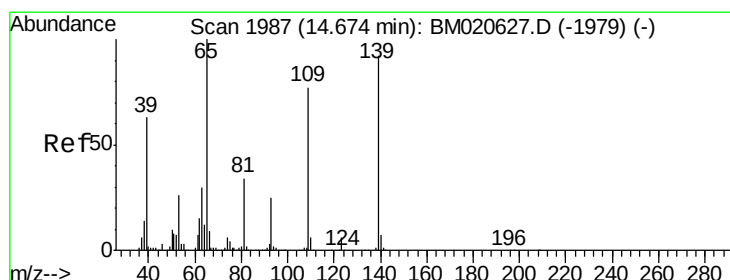
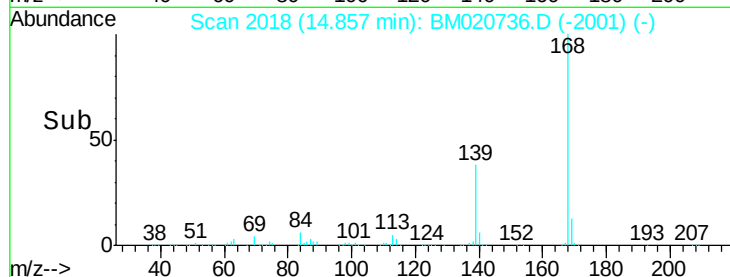
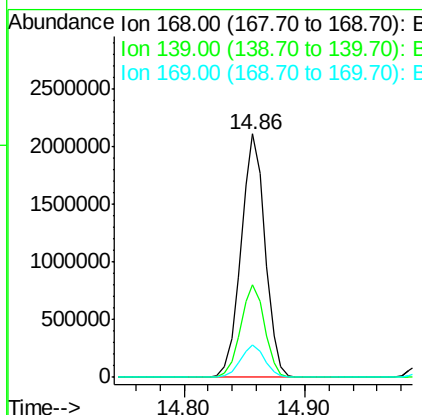
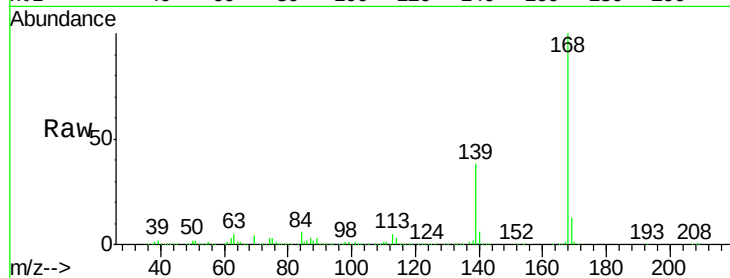
#55
Dibenzofuran
Concen: 43.180 ng
RT: 14.86 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Instrument :
BNA_M
ClientSampleId :
PB120038BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.2	31.1	46.7
169	13.4	10.6	15.8

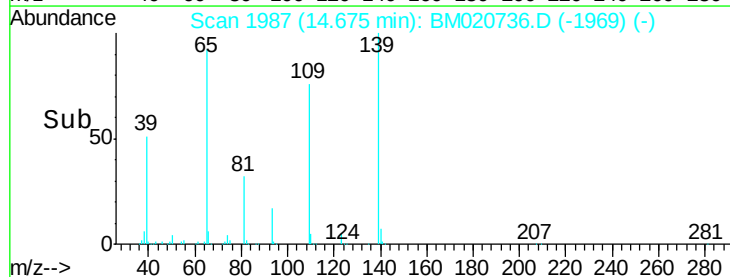
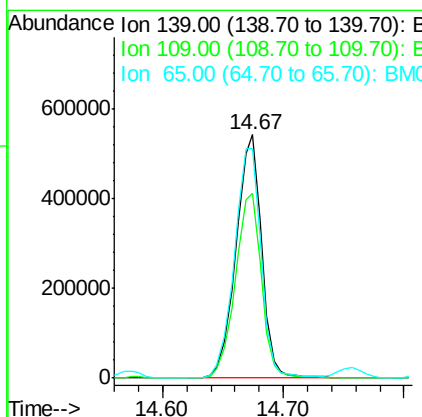
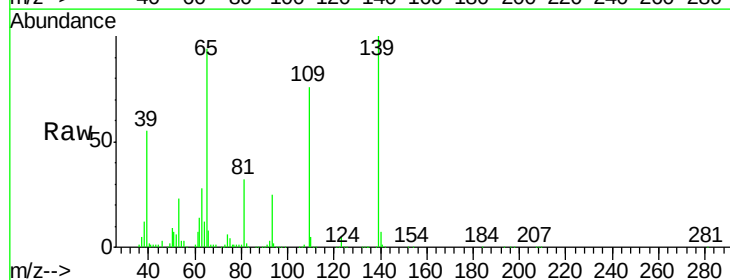
Manual Integrations
APPROVED

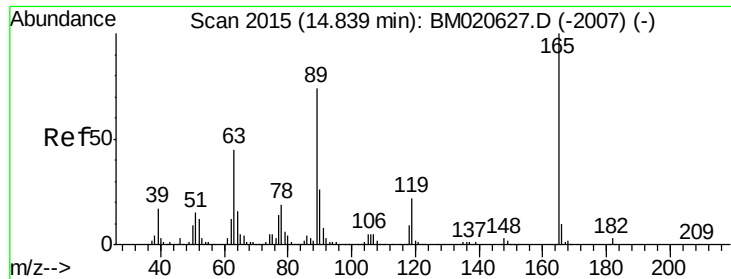
mohammad
6/6/2019 11:21:41 AM



#56
4-Nitrophenol
Concen: 80.752 ng
RT: 14.67 min Scan# 1987
Delta R.T. 0.01 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.0	58.0	98.0
65	94.2	78.3	118.3





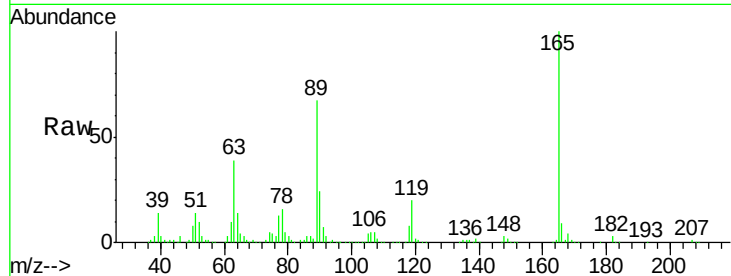
#57
2,4-Dinitrotoluene
Concen: 42.175 ng
RT: 14.83 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Instrument :
BNA_M
ClientSampleId :
PB120038BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	39.3	32.8	49.2
89	66.7	55.9	83.9
182	2.7	2.4	3.6

Manual Integrations
APPROVED

mohammad
6/6/2019 11:21:41 AM

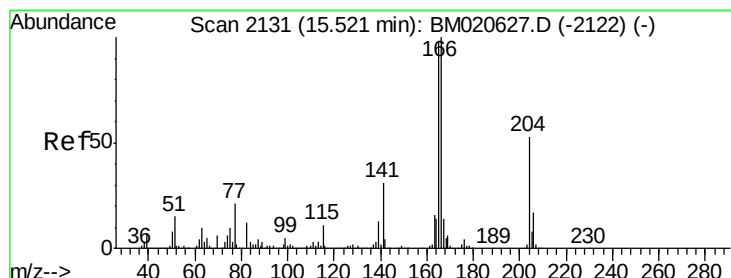
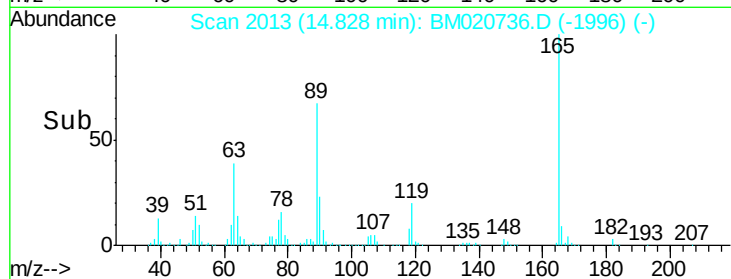
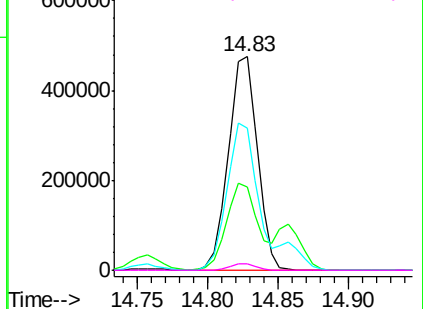


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0

Ion 182.00 (181.70 to 182.70): E



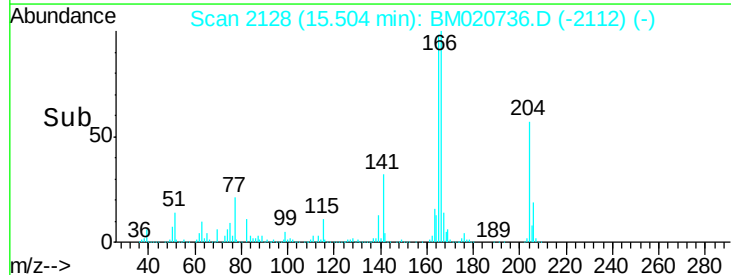
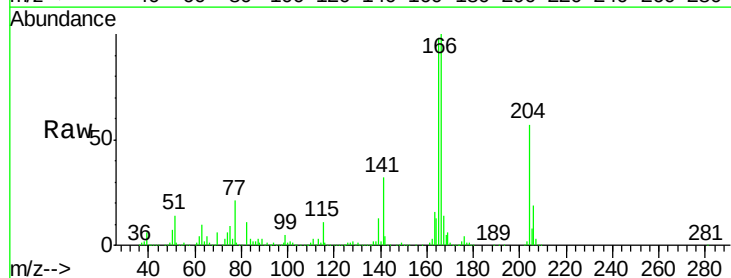
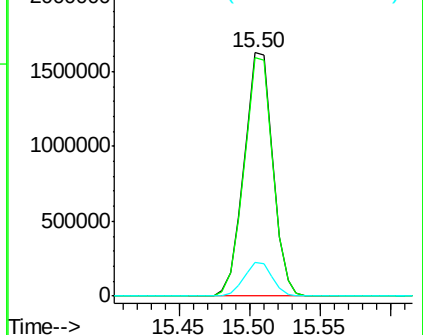
#58
Fluorene
Concen: 41.638 ng
RT: 15.50 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

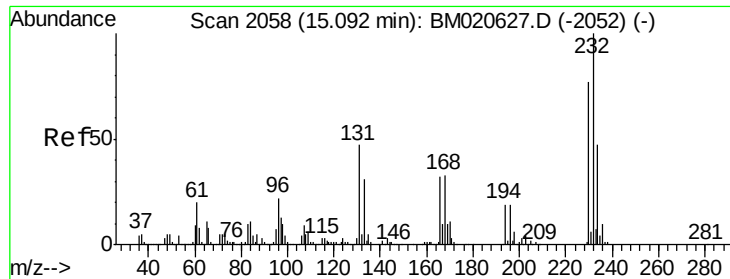
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	79.4	119.2
167	13.6	10.8	16.2

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





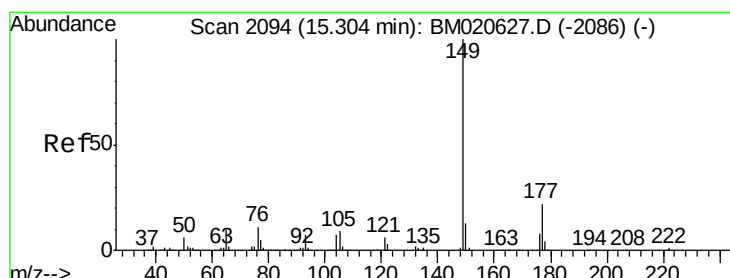
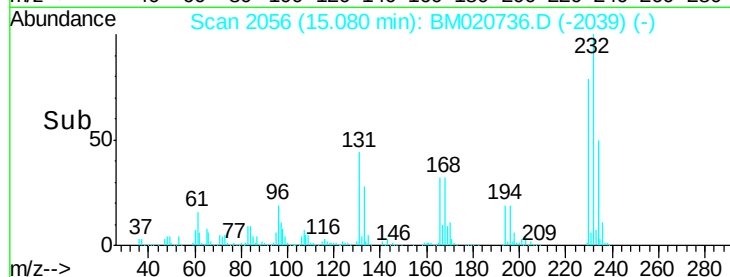
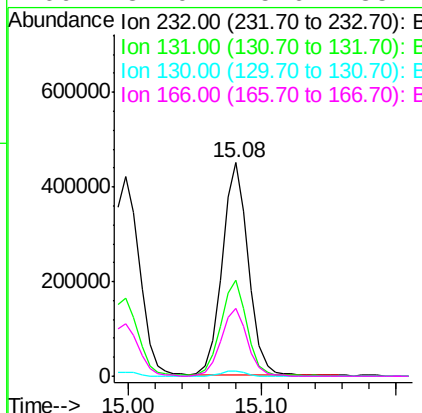
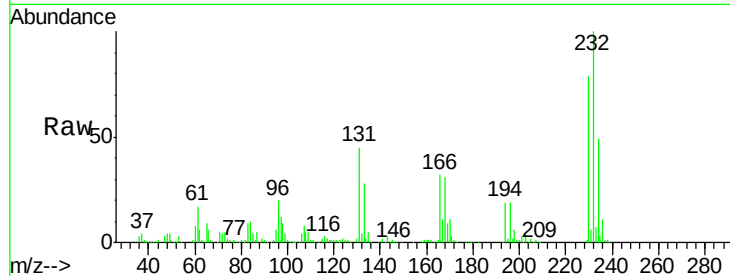
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.973 ng
 RT: 15.08 min Scan# 2056
 Delta R.T. 0.00 min
 Lab File: BM020736.D
 Acq: 05 Jun 2019 14:55

Instrument :
 BNA_M
 ClientSampleId :
 PB120038BS

Tot Ion:	232	Resp:	619491
Ion Ratio	Lower	Upper	
232	100		
131	45.0	36.9	55.3
130	2.4	2.0	3.0
166	32.0	25.6	38.4

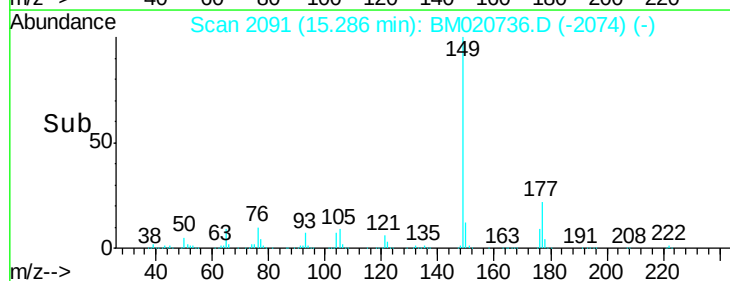
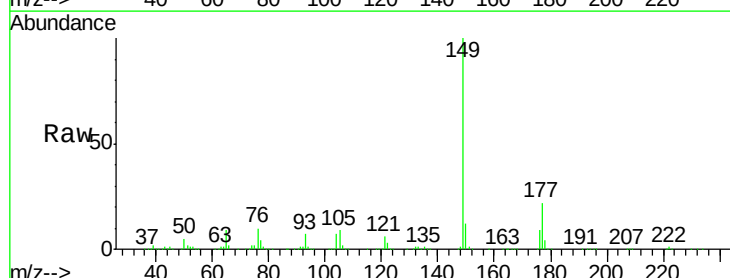
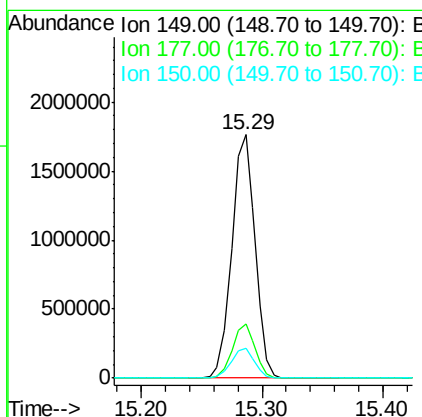
Manual Integrations
 APPROVED

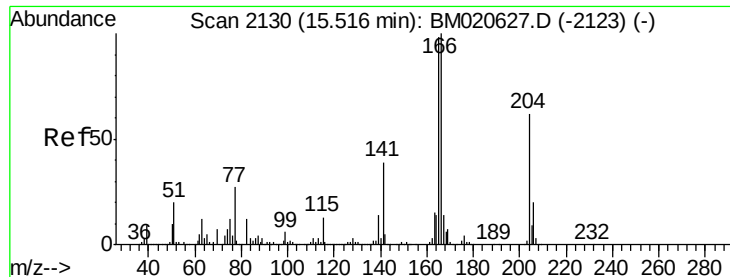
mohammad
 6/6/2019 11:21:41 AM



#60
 Diethylphthalate
 Concen: 38.529 ng
 RT: 15.29 min Scan# 2091
 Delta R.T. 0.00 min
 Lab File: BM020736.D
 Acq: 05 Jun 2019 14:55

Tgt Ion:	149	Resp:	2359415
Ion Ratio	Lower	Upper	
149	100		
177	22.4	17.4	26.2
150	12.3	10.0	15.0





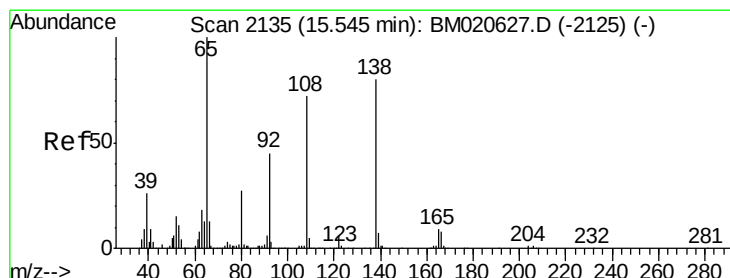
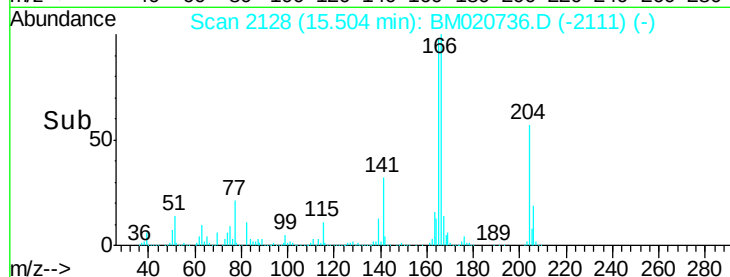
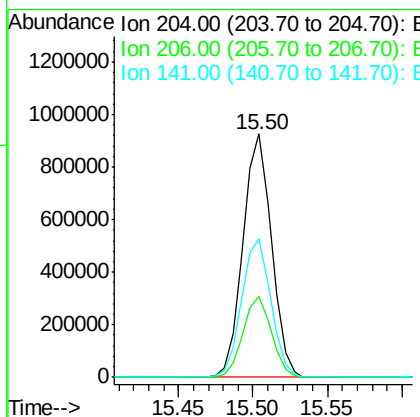
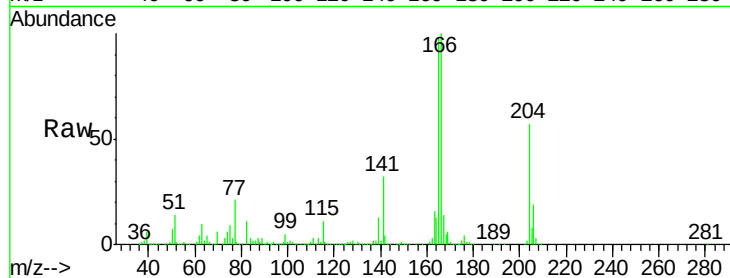
#61
4-Chlorophenyl-phenylether
Concen: 41.545 ng
RT: 15.50 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Instrument :
BNA_M
ClientSampleID :
PB120038BS

Tot Ion:204 Resp: 1223794
Ion Ratio Lower Upper
204 100
206 33.1 26.1 39.1
141 57.0 46.7 70.1

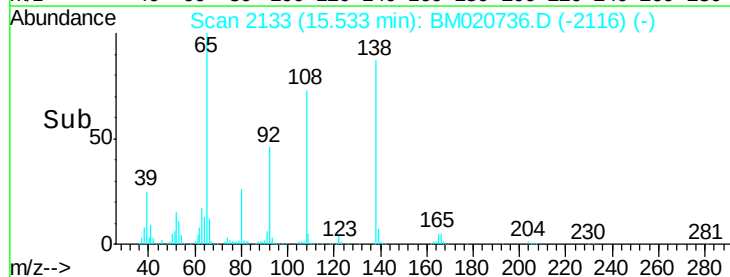
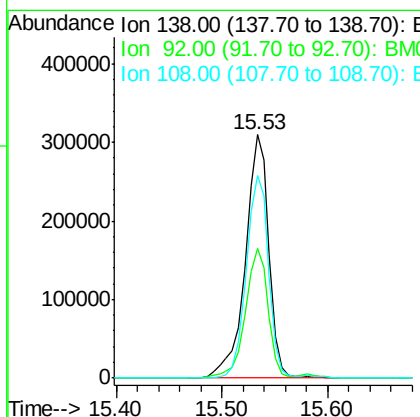
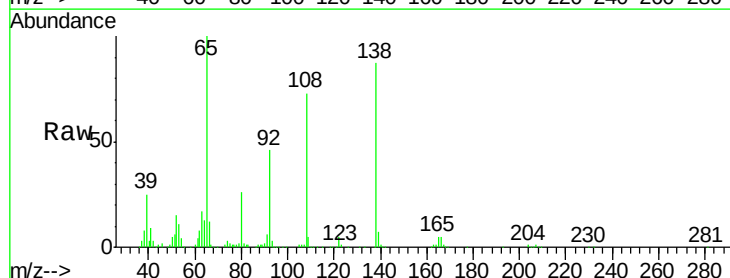
Manual Integrations
APPROVED

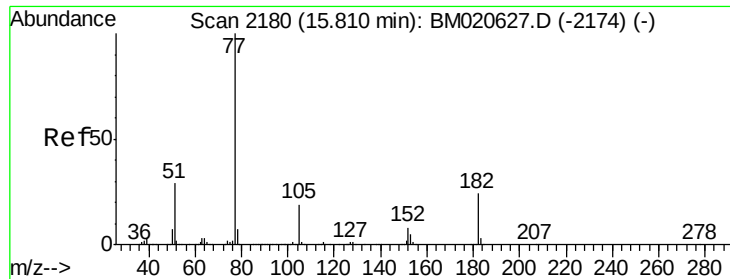
mohammad
6/6/2019 11:21:41 AM



#62
4-Nitroaniline
Concen: 33.610 ng
RT: 15.53 min Scan# 2133
Delta R.T. 0.00 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Tgt Ion:138 Resp: 479673
Ion Ratio Lower Upper
138 100
92 53.4 33.2 73.2
108 83.5 64.1 104.1





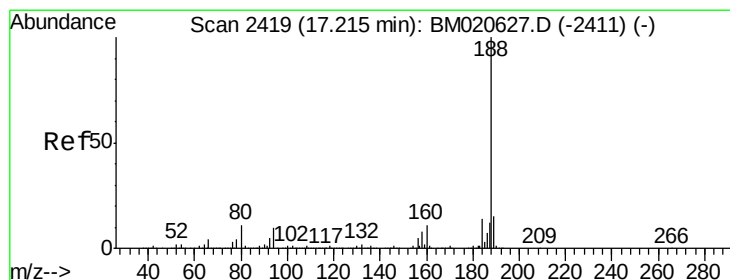
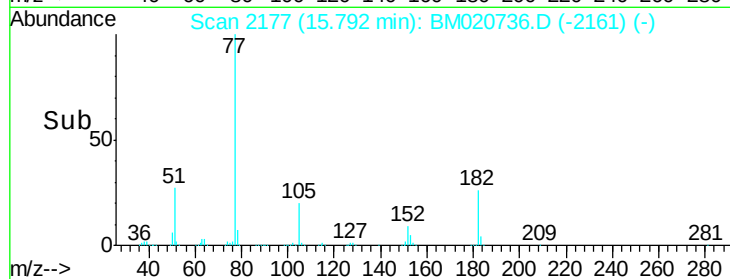
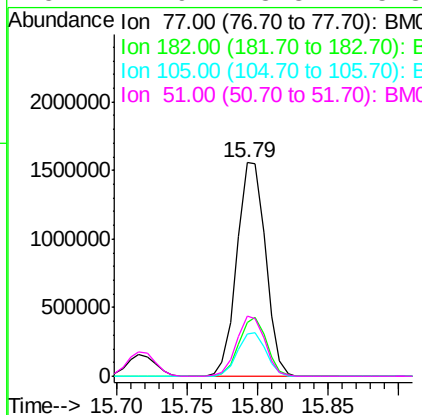
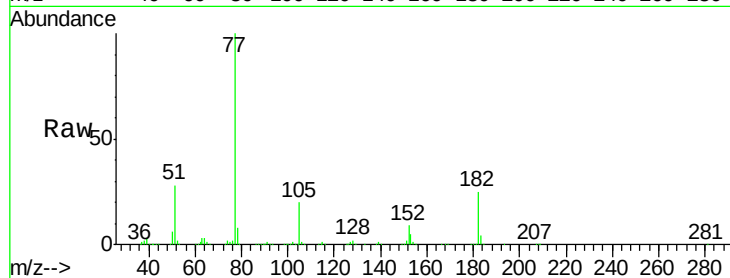
#63
Azobenzene
Concen: 37.607 ng
RT: 15.79 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Instrument :
BNA_M
ClientSampleId :
PB120038BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.4	6.3	46.3
105	20.0	0.4	40.4
51	27.9	8.3	48.3

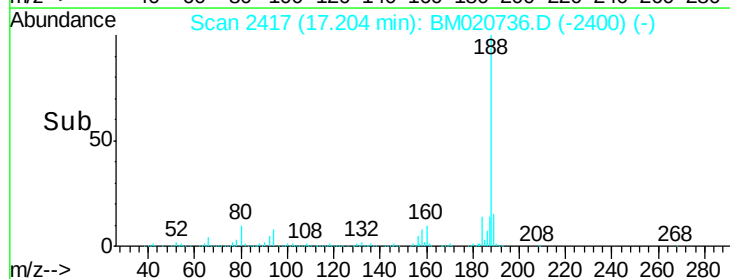
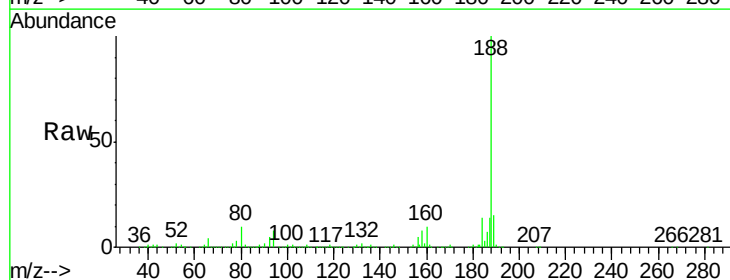
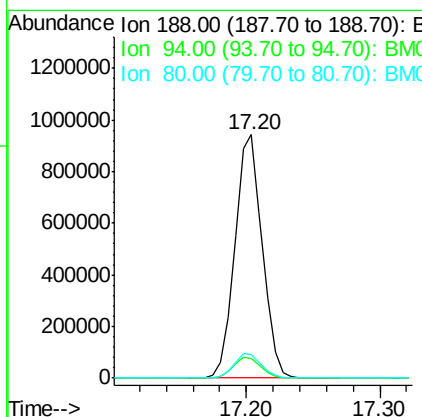
Manual Integrations
APPROVED

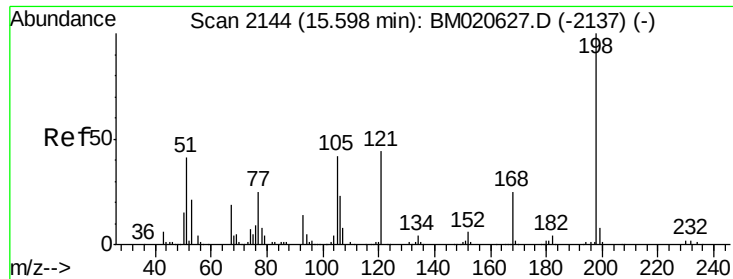
mohammad
6/6/2019 11:21:41 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.20 min Scan# 2417
Delta R.T. 0.00 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.0	10.4
80	9.5	7.8	11.8





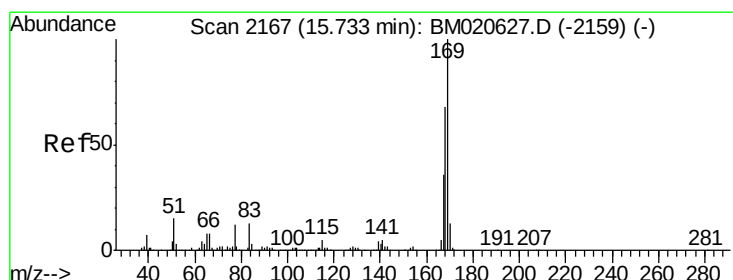
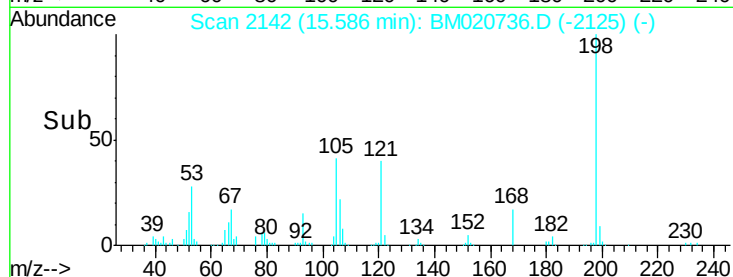
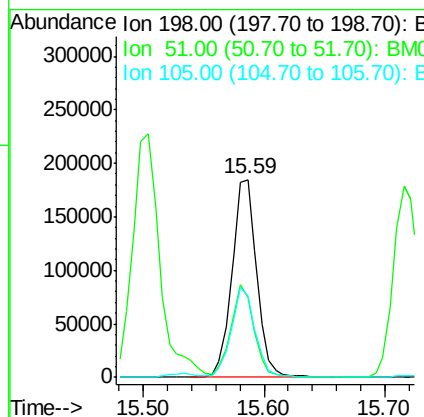
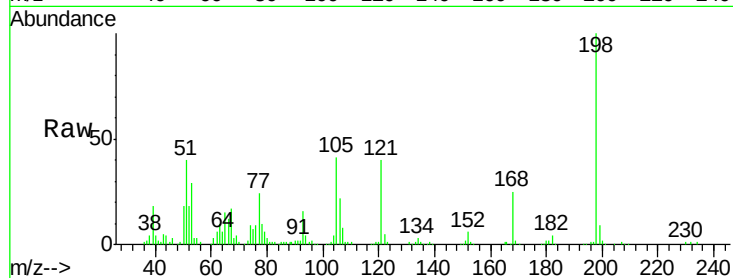
#65
4,6-Dinitro-2-methylphenol
Concen: 44.274 ng
RT: 15.59 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Instrument :
BNA_M
ClientSampleId :
PB120038BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	263598		
51	40.4		21.6	61.6
105	41.0		20.6	60.6

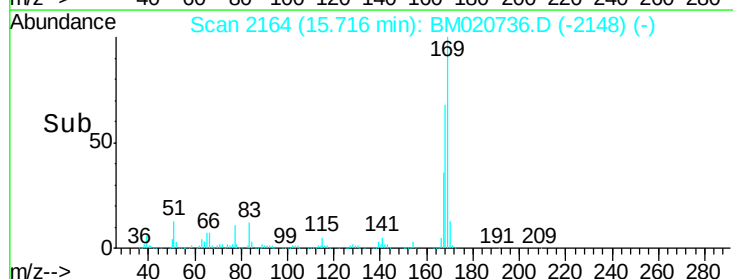
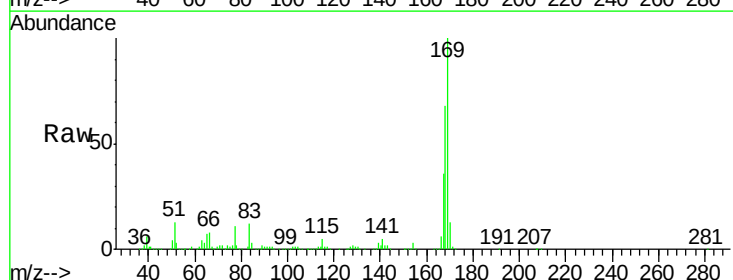
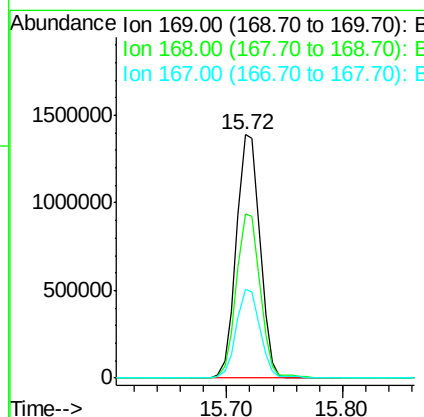
Manual Integrations
APPROVED

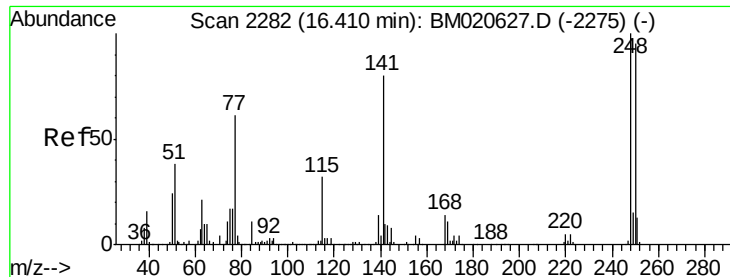
mohammad
6/6/2019 11:21:41 AM



#66
n-Nitrosodiphenylamine
Concen: 46.183 ng
RT: 15.72 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1971836		
168	67.7		54.7	82.1
167	36.4		29.3	43.9





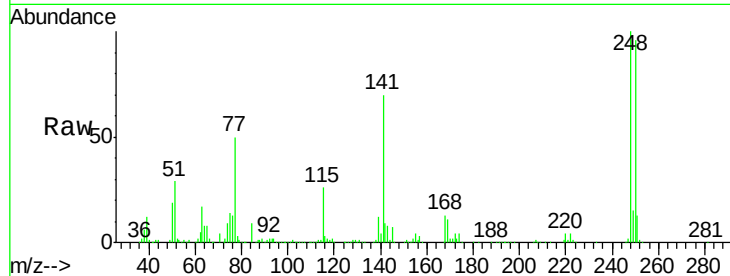
#67
4-Bromophenyl-phenylether
Concen: 44.965 ng
RT: 16.40 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Instrument :
BNA_M
ClientSampleId :
PB120038BS

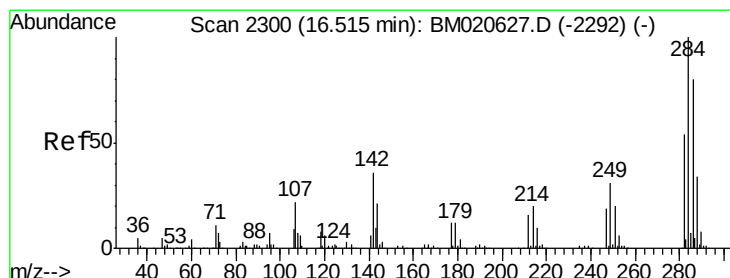
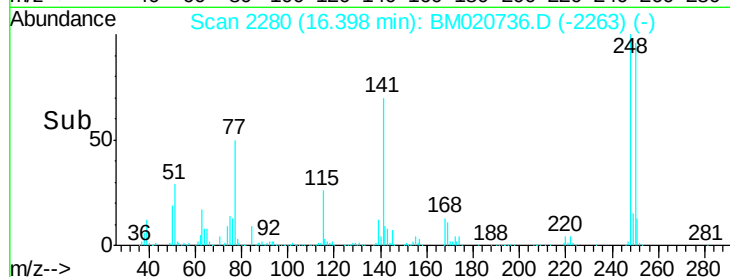
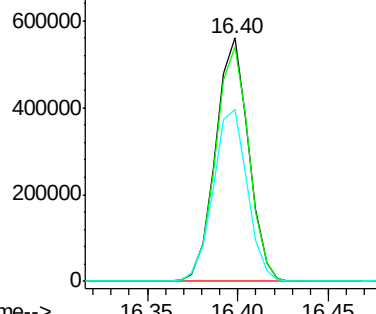
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.3	77.4	116.2
141	70.5	58.2	87.2

Manual Integrations
APPROVED

mohammad
6/6/2019 11:21:41 AM

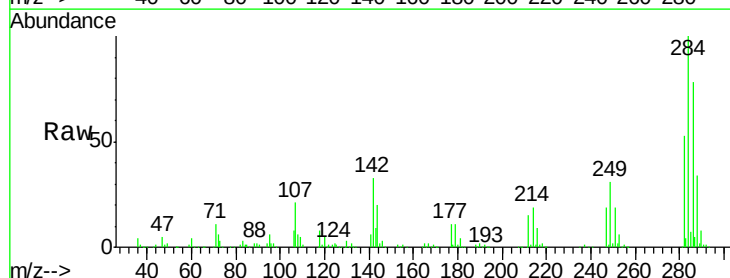


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

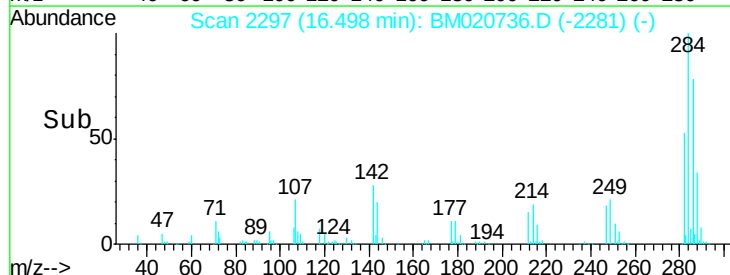
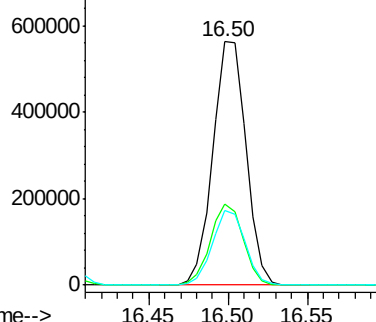


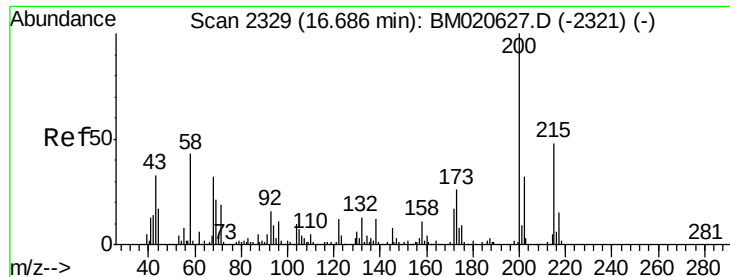
#68
Hexachlorobenzene
Concen: 44.547 ng
RT: 16.50 min Scan# 2297
Delta R.T. -0.01 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.3	25.4	38.0
249	30.7	24.9	37.3



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





#69

Atrazine

Concen: 48.312 ng

RT: 16.67 min Scan# 2326

Delta R.T. -0.01 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

Instrument :

BNA_M

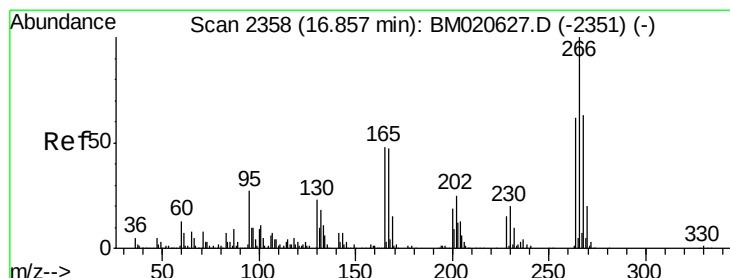
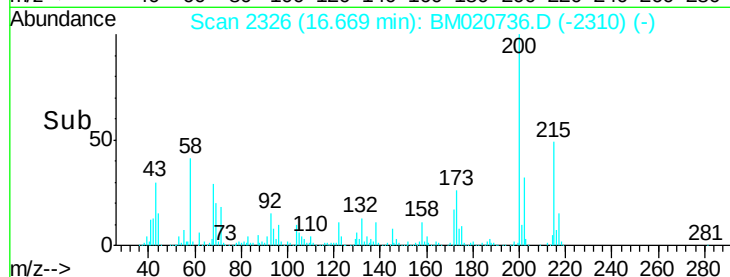
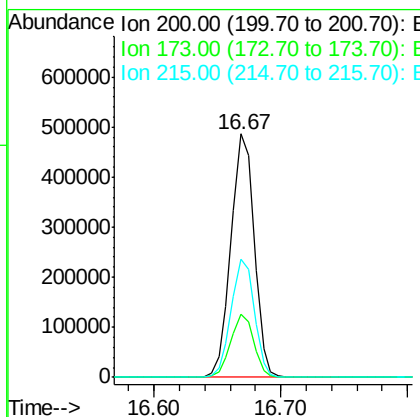
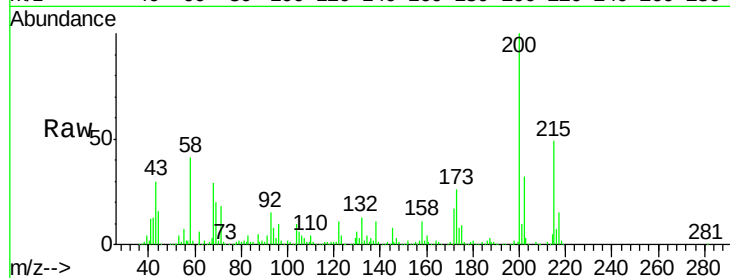
ClientSampleId :

PB120038BS

Tot Ion:	200	Resp:	615634
Ion Ratio	Lower	Upper	
200	100		
173	26.1	5.7	45.7
215	48.8	28.2	68.2

Manual Integrations
APPROVED

mohammad
6/6/2019 11:21:41 AM



#70

Pentachlorophenol

Concen: 102.721 ng

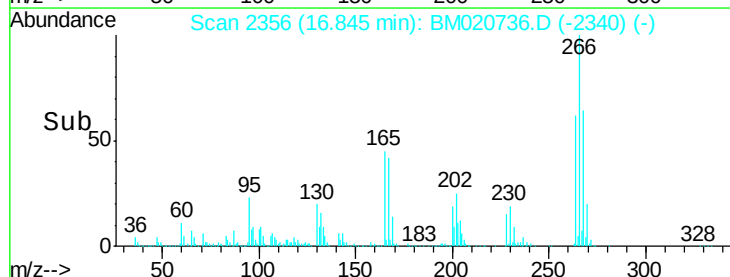
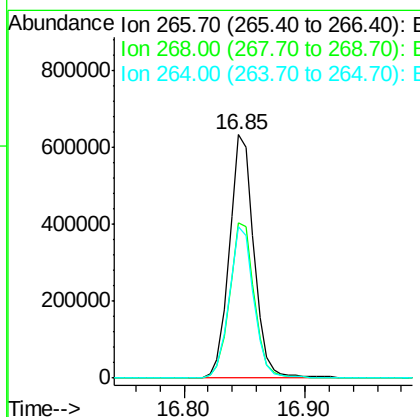
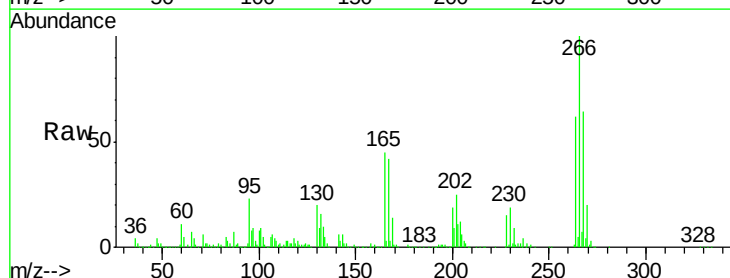
RT: 16.85 min Scan# 2356

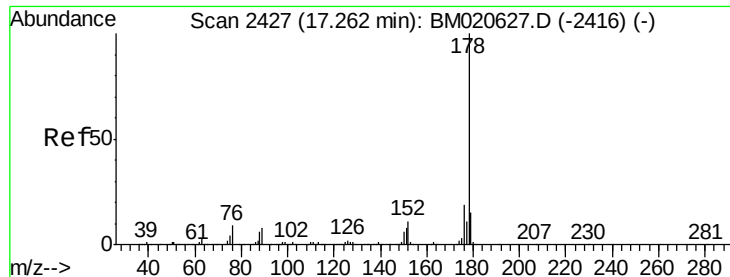
Delta R.T. -0.01 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

Tgt Ion:	266	Resp:	898599
Ion Ratio	Lower	Upper	
266	100		
268	63.6	51.0	76.4
264	62.4	49.9	74.9





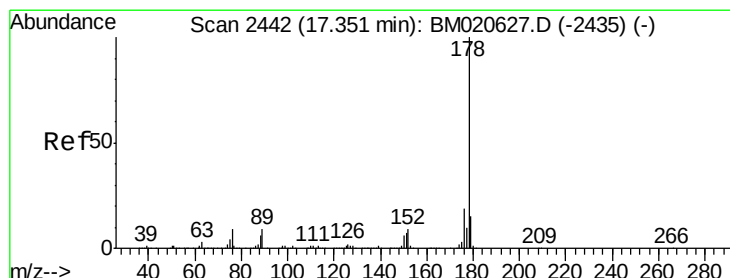
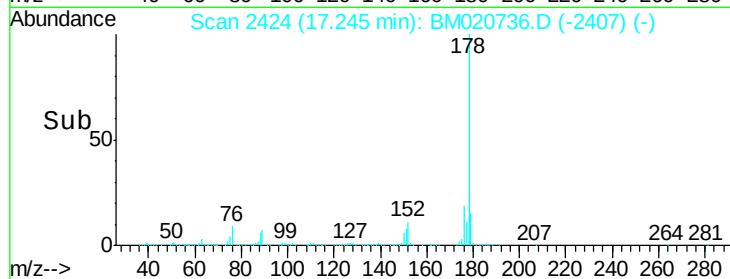
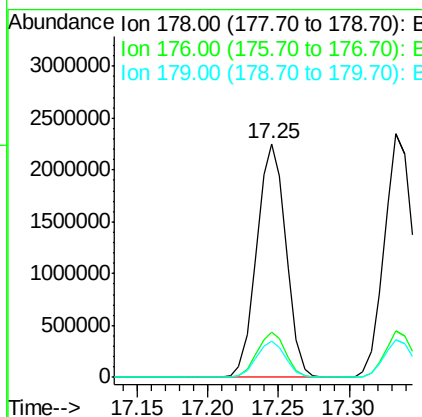
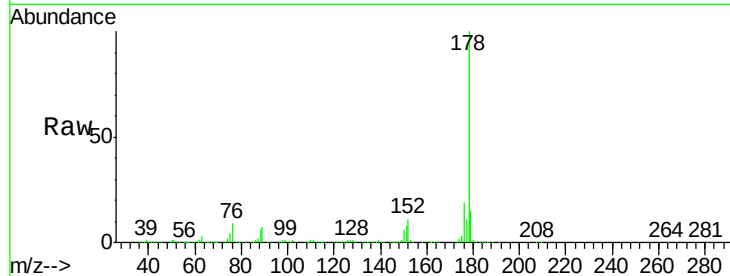
#71
Phenanthrene
Concen: 43.438 ng
RT: 17.25 min Scan# 2424
Delta R.T. 0.00 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Instrument :
BNA_M
ClientSampleId :
PB120038BS

Tot Ion:178 Resp: 3283945
Ion Ratio Lower Upper
178 100
176 19.3 15.1 22.7
179 15.3 12.3 18.5

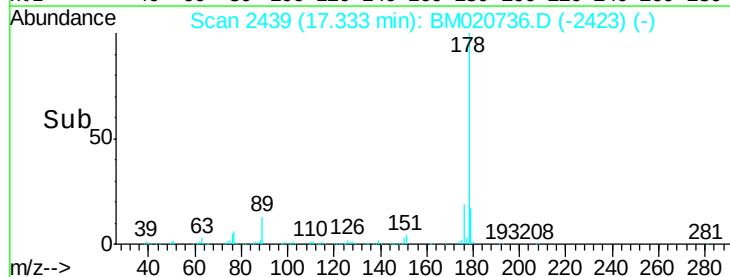
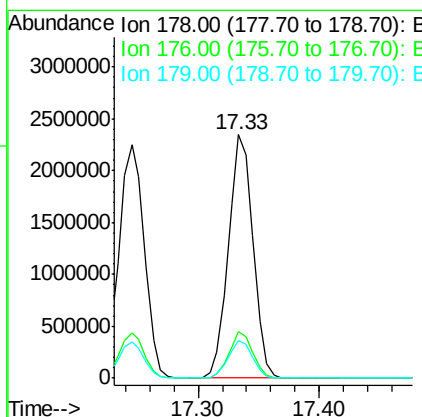
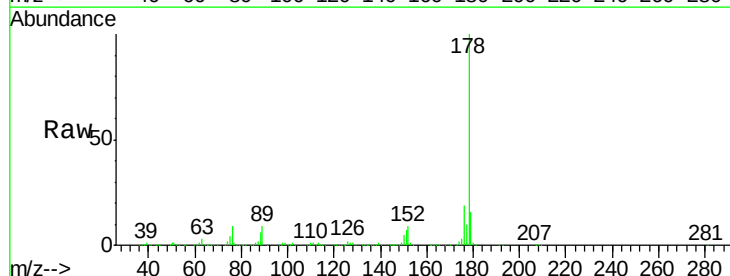
Manual Integrations
APPROVED

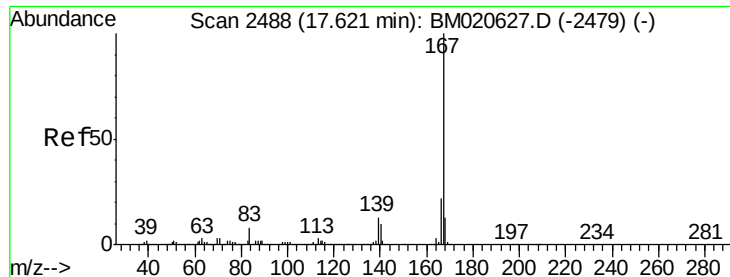
mohammad
6/6/2019 11:21:41 AM



#72
Anthracene
Concen: 43.755 ng
RT: 17.33 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Tgt Ion:178 Resp: 3310850
Ion Ratio Lower Upper
178 100
176 18.9 14.8 22.2
179 15.6 11.9 17.9





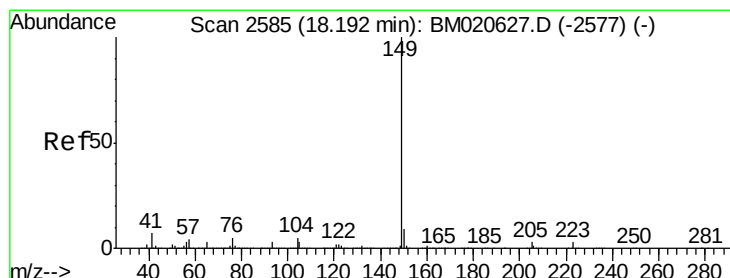
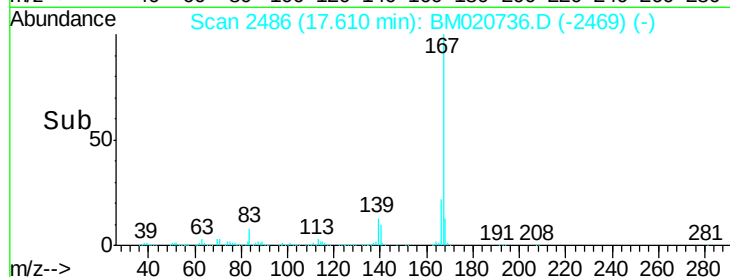
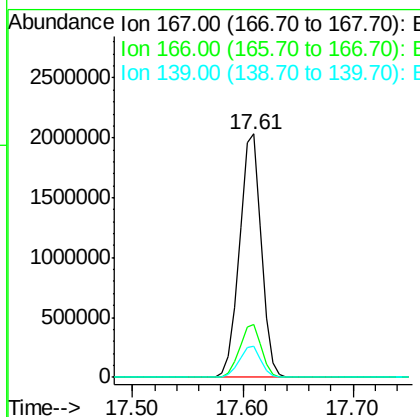
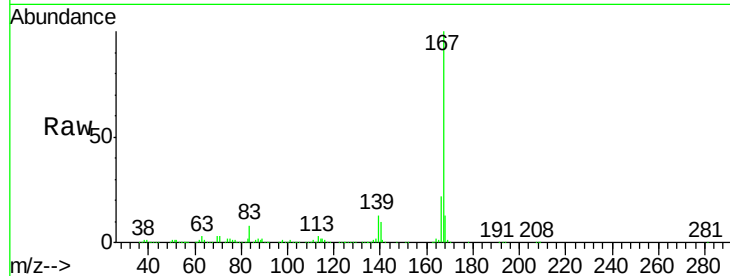
#73
 Carbazole
 Concen: 40.934 ng
 RT: 17.61 min Scan# 2486
 Delta R.T. 0.00 min
 Lab File: BM020736.D
 Acq: 05 Jun 2019 14:55

Instrument :
 BNA_M
 ClientSampleId :
 PB120038BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.2	25.8
139	12.6	10.2	15.4

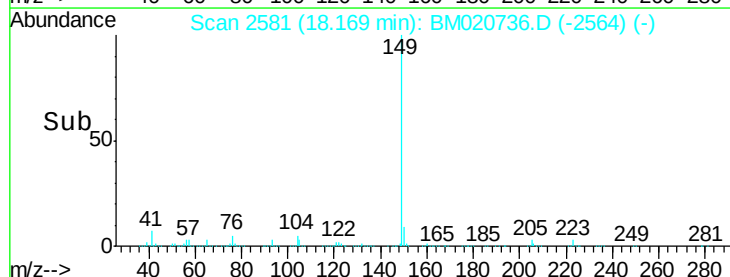
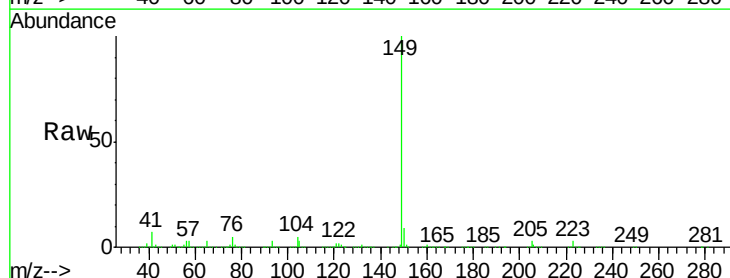
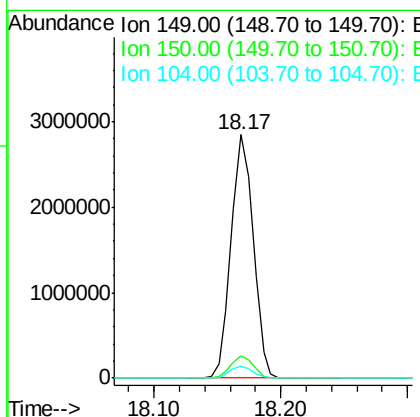
Manual Integrations
 APPROVED

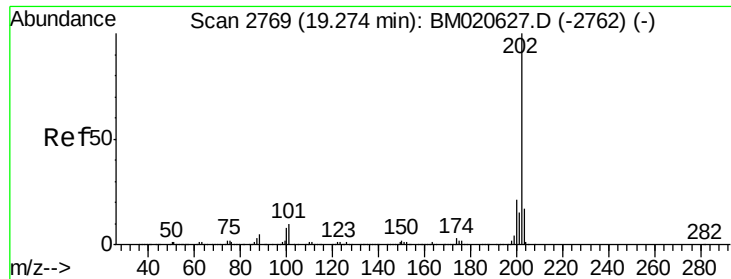
mohammad
 6/6/2019 11:21:41 AM



#74
 Di-n-butylphthalate
 Concen: 38.514 ng
 RT: 18.17 min Scan# 2581
 Delta R.T. 0.00 min
 Lab File: BM020736.D
 Acq: 05 Jun 2019 14:55

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	5.0	4.1	6.1





#75

Fluoranthene

Concen: 40.174 ng

RT: 19.26 min Scan# 2766

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

Instrument :

BNA_M

ClientSampleId :

PB120038BS

Tot Ion:202 Resp: 3377626

Ion Ratio Lower Upper

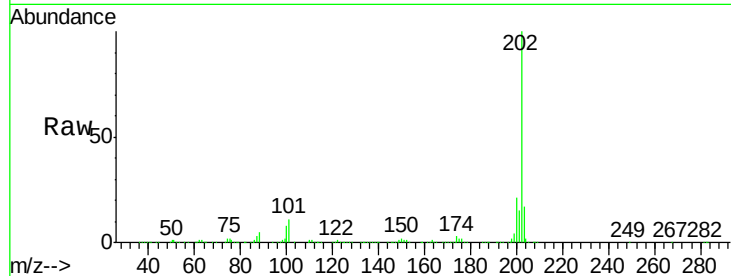
202 100

101 10.6 0.0 30.5

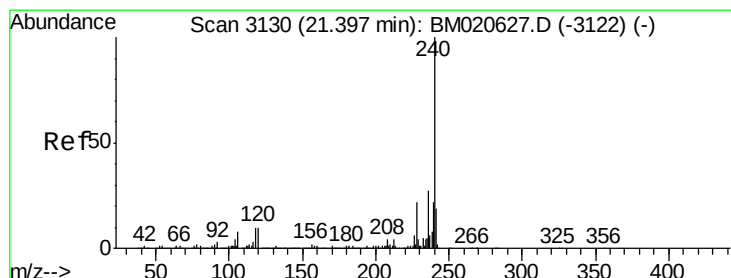
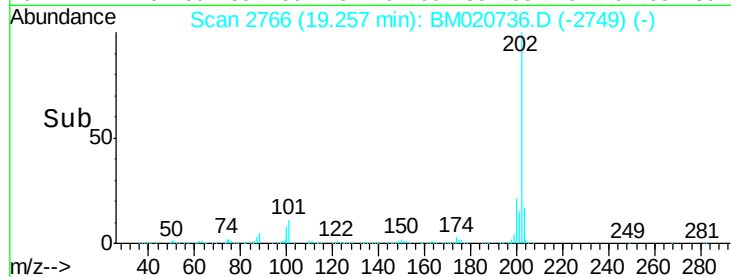
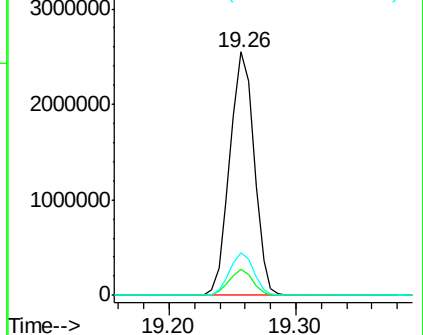
203 17.4 0.0 37.5

Manual Integrations
APPROVED

mohammad
6/6/2019 11:21:41 AM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.38 min Scan# 3127

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

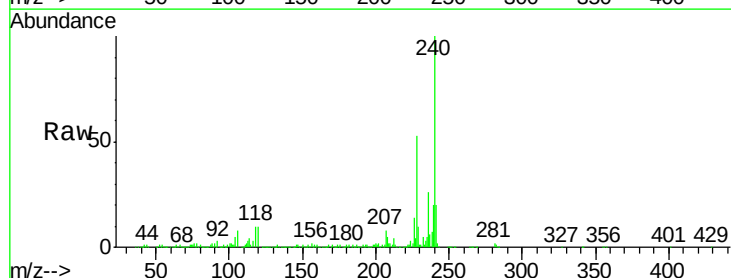
Tgt Ion:240 Resp: 1053080

Ion Ratio Lower Upper

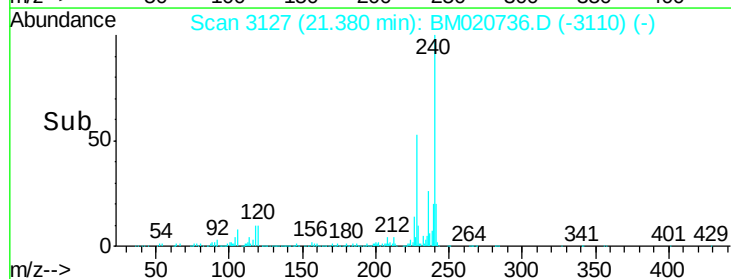
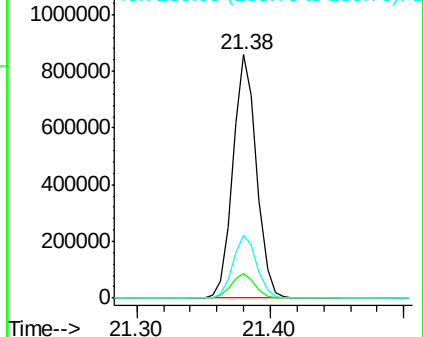
240 100

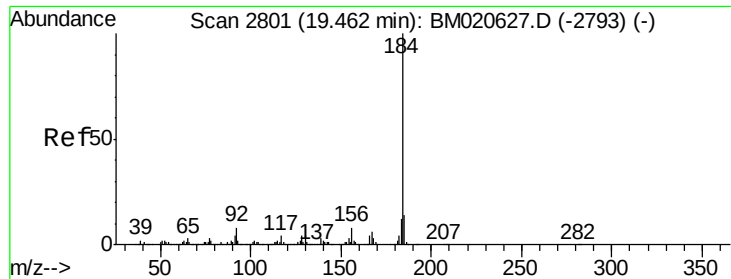
120 10.1 8.4 12.6

236 25.8 21.1 31.7



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.088 ng

RT: 19.45 min Scan# 2799

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

Instrument :

BNA_M

ClientSampleId :

PB120038BS

Tot Ion:184 Resp: 1374900

Ion Ratio Lower Upper

184 100

185 14.0 11.3 16.9

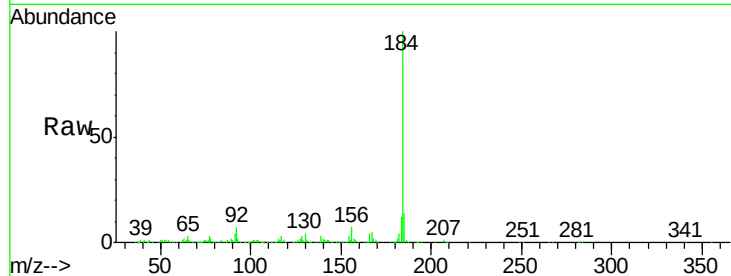
183 12.1 9.8 14.8

Manual Integrations

APPROVED

mohammad

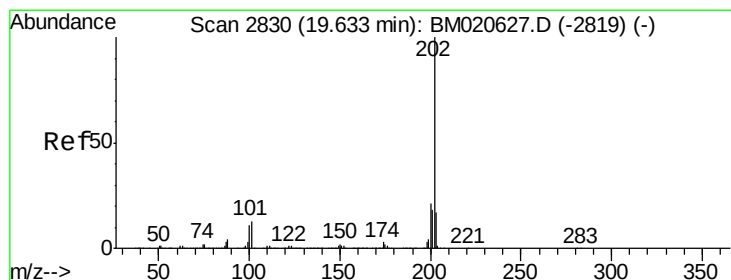
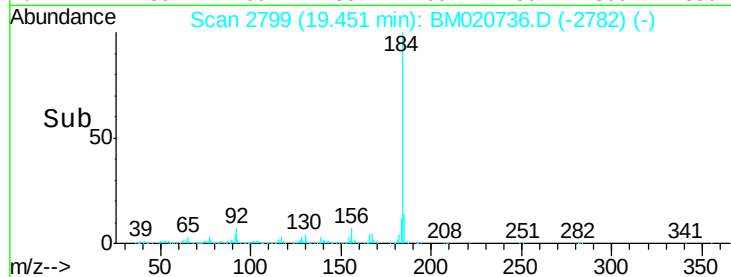
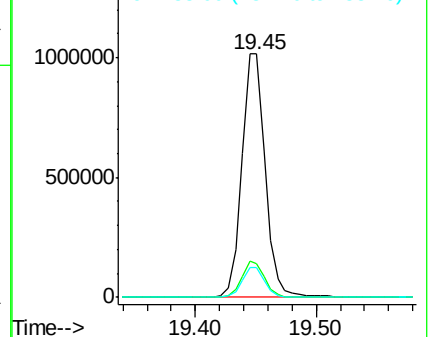
6/6/2019 11:21:41 AM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.054 ng

RT: 19.62 min Scan# 2828

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

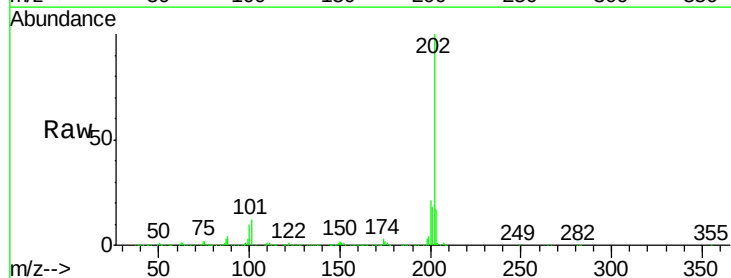
Tgt Ion:202 Resp: 3398489

Ion Ratio Lower Upper

202 100

200 21.1 16.4 24.6

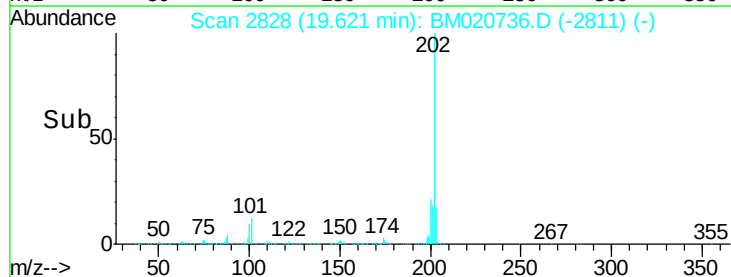
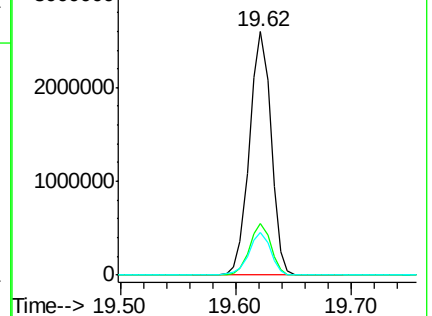
203 17.4 14.1 21.1

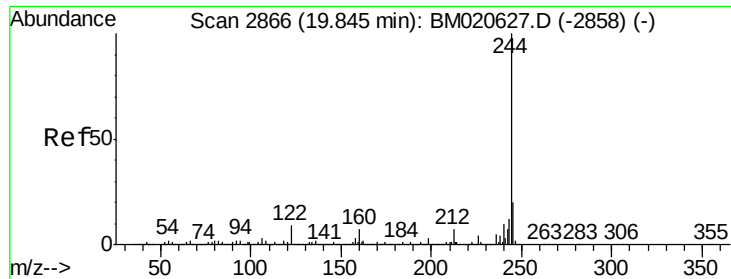


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





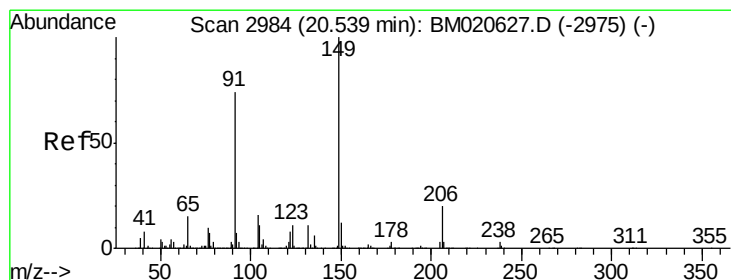
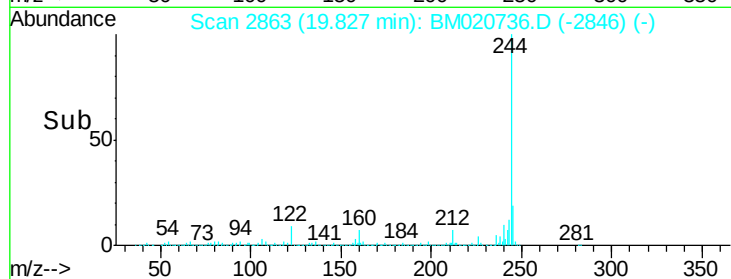
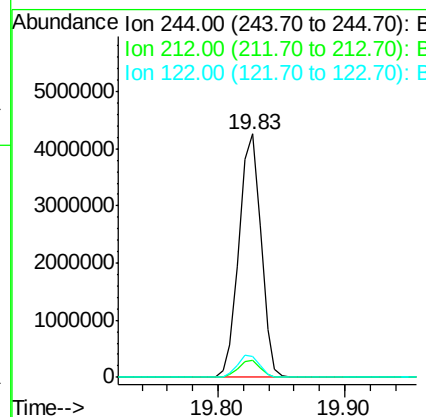
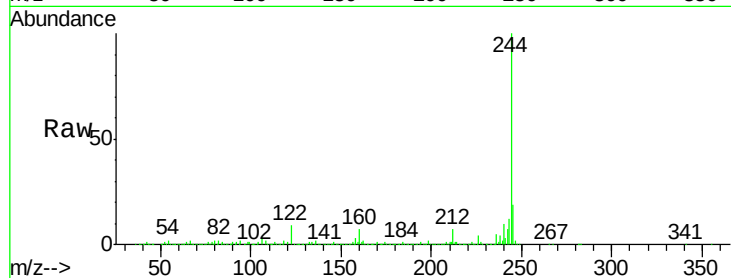
#79
 Terphenyl-d14
 Concen: 80.704 ng
 RT: 19.83 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: BM020736.D
 Acq: 05 Jun 2019 14:55

Instrument :
 BNA_M
 ClientSampleId :
 PB120038BS

Tot Ion:244 Resp: 5081039
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 8.8 7.4 11.0

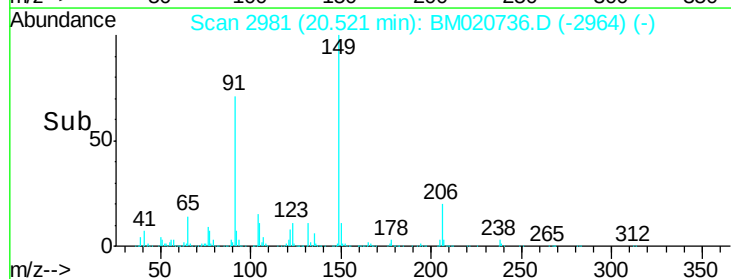
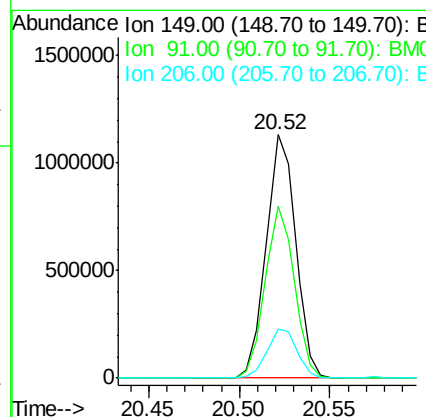
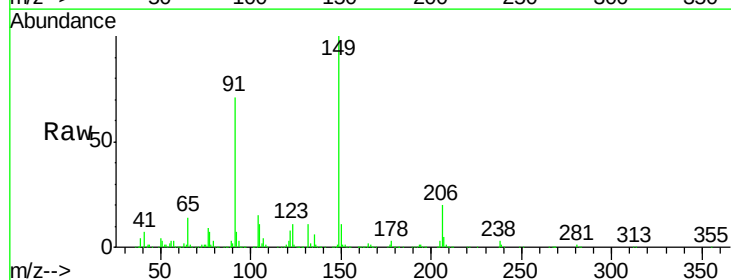
Manual Integrations
 APPROVED

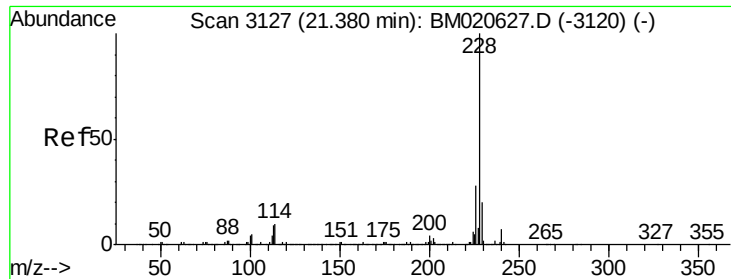
mohammad
 6/6/2019 11:21:41 AM



#80
 Butylbenzylphthalate
 Concen: 37.676 ng
 RT: 20.52 min Scan# 2981
 Delta R.T. 0.00 min
 Lab File: BM020736.D
 Acq: 05 Jun 2019 14:55

Tgt Ion:149 Resp: 1286668
 Ion Ratio Lower Upper
 149 100
 91 70.9 57.1 85.7
 206 20.3 16.3 24.5





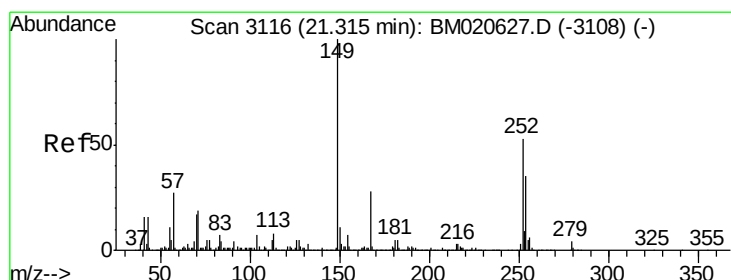
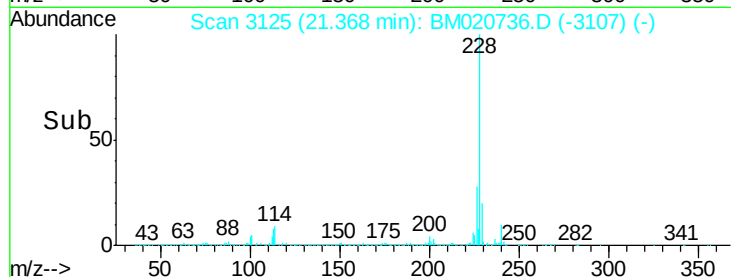
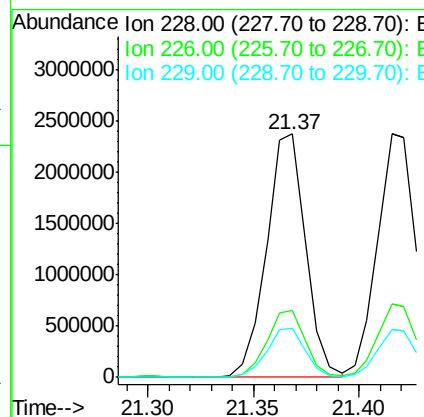
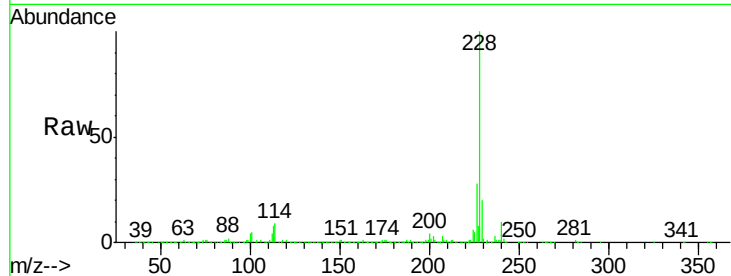
#81
Benzo(a)anthracene
Concen: 41.672 ng
RT: 21.37 min Scan# 3125
Delta R.T. 0.01 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Instrument :
BNA_M
ClientSampleId :
PB120038BS

Tot Ion:228 Resp: 3056002
Ion Ratio Lower Upper
228 100
226 27.5 21.7 32.5
229 20.0 15.9 23.9

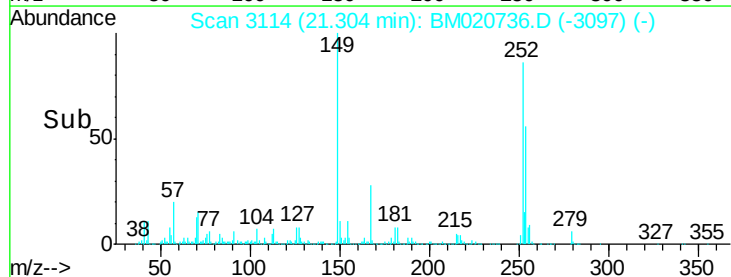
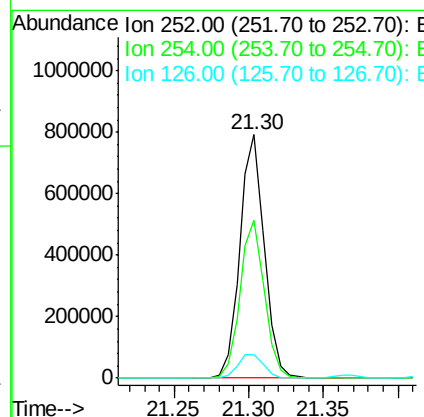
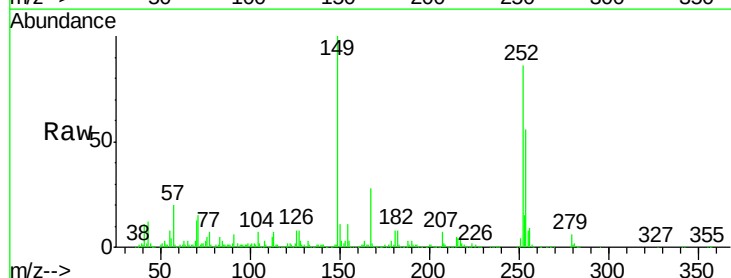
Manual Integrations
APPROVED

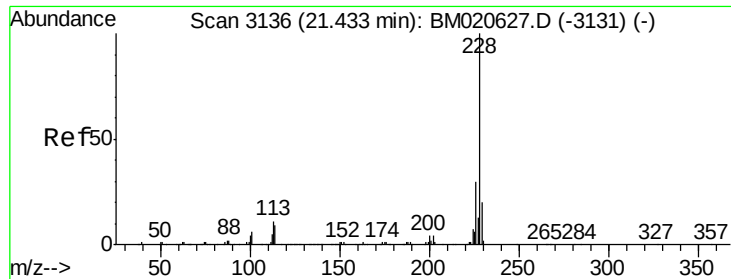
mohammad
6/6/2019 11:21:41 AM



#82
3,3'-Dichlorobenzidine
Concen: 33.785 ng
RT: 21.30 min Scan# 3114
Delta R.T. 0.00 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Tgt Ion:252 Resp: 907285
Ion Ratio Lower Upper
252 100
254 64.9 51.7 77.5
126 9.5 7.8 11.8





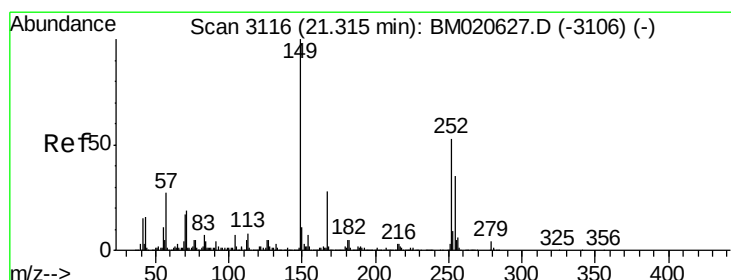
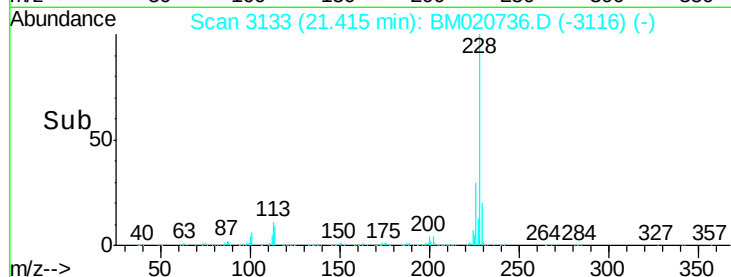
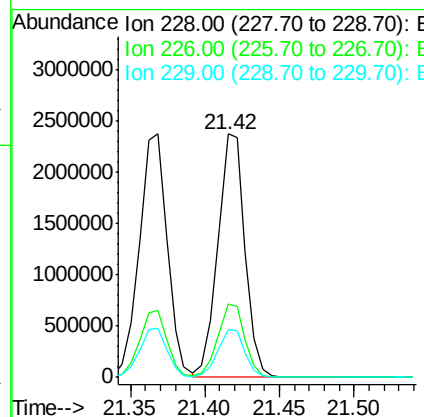
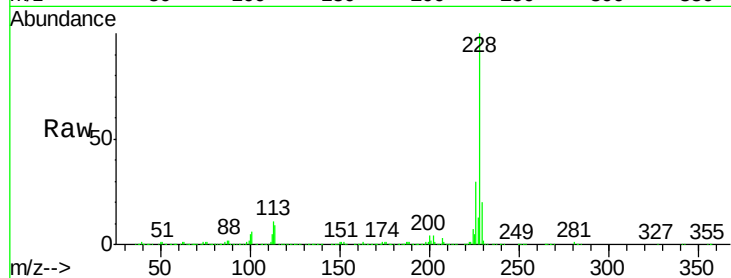
#83
Chrysene
Concen: 43.264 ng
RT: 21.42 min Scan# 3133
Delta R.T. 0.00 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Instrument :
BNA_M
ClientSampleId :
PB120038BS

Tot Ion:228 Resp: 3015929
Ion Ratio Lower Upper
228 100
226 30.1 24.2 36.2
229 19.9 15.9 23.9

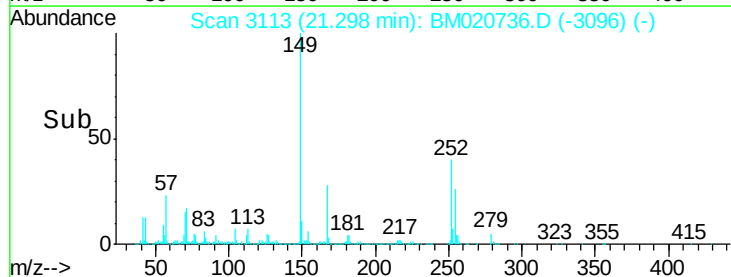
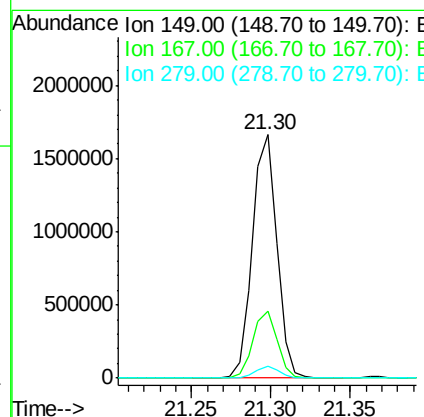
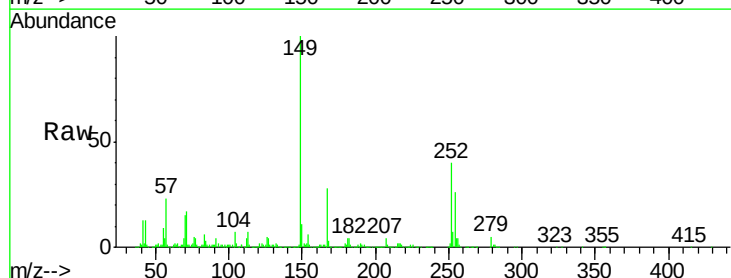
Manual Integrations
APPROVED

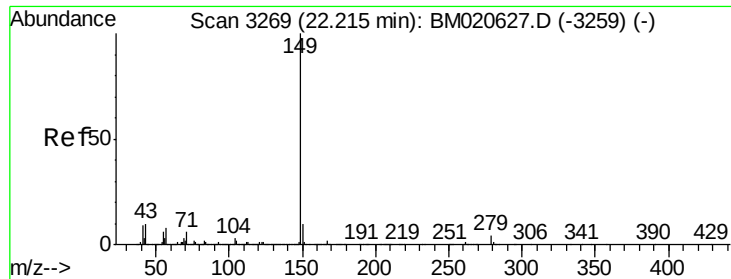
mohammad
6/6/2019 11:21:41 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 35.962 ng
RT: 21.30 min Scan# 3113
Delta R.T. 0.00 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Tgt Ion:149 Resp: 1784966
Ion Ratio Lower Upper
149 100
167 27.6 22.2 33.2
279 4.8 4.0 6.0





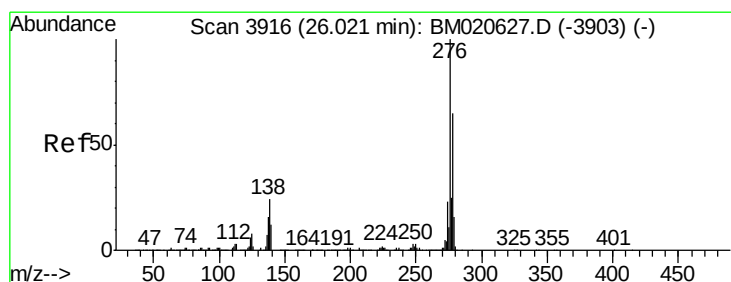
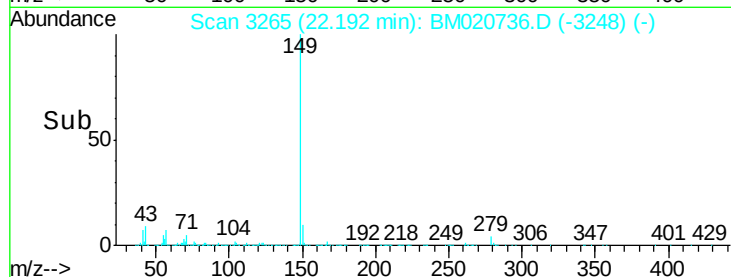
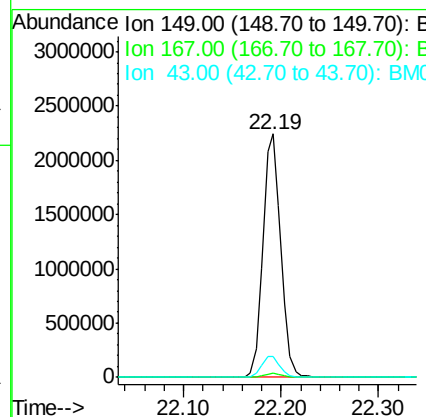
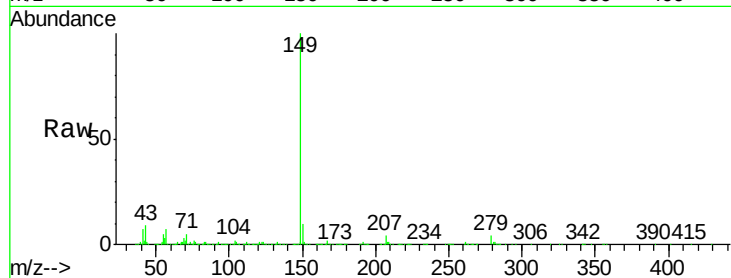
#85
Di-n-octyl phthalate
Concen: 36.655 ng
RT: 22.19 min Scan# 3265
Delta R.T. 0.00 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Instrument :
BNA_M
ClientSampleId :
PB120038BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.0	7.4	11.2

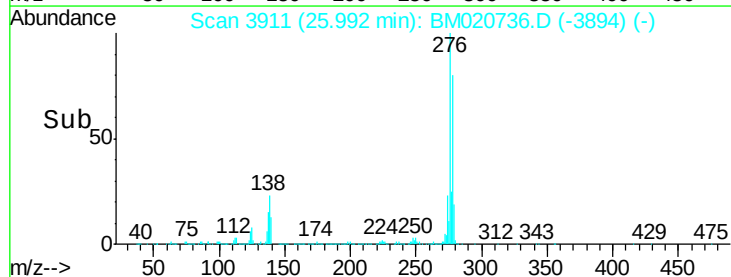
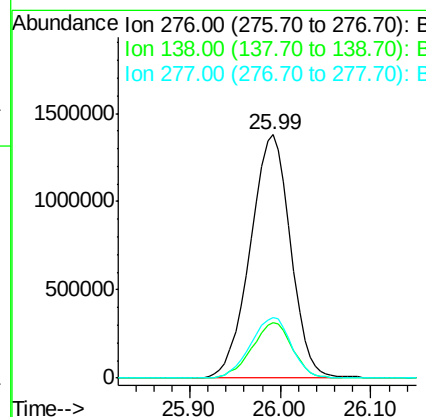
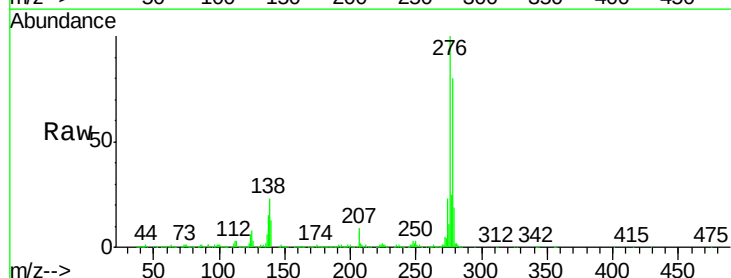
Manual Integrations
APPROVED

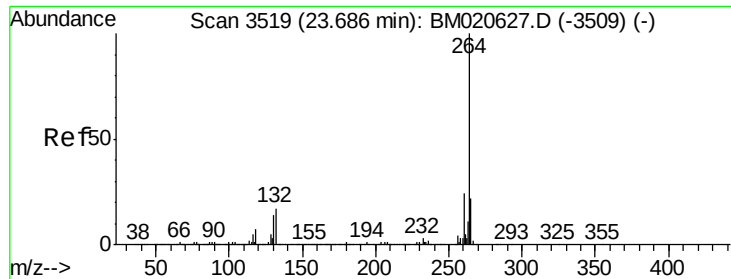
mohammad
6/6/2019 11:21:41 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 59.542 ng
RT: 25.99 min Scan# 3911
Delta R.T. 0.00 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.0	18.8	28.2
277	25.4	20.5	30.7





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.67 min Scan# 3516

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

Instrument :

BNA_M

ClientSampleId :

PB120038BS

Tot Ion:264 Resp: 1210729

Ion Ratio Lower Upper

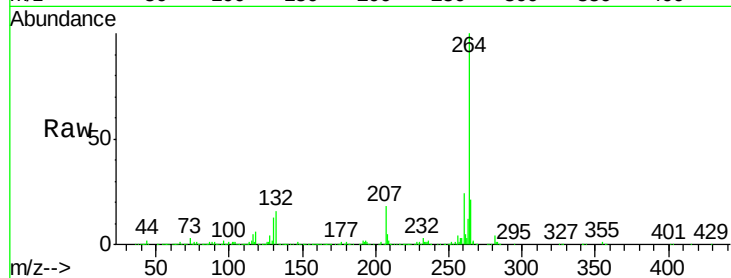
264 100

260 23.8 19.1 28.7

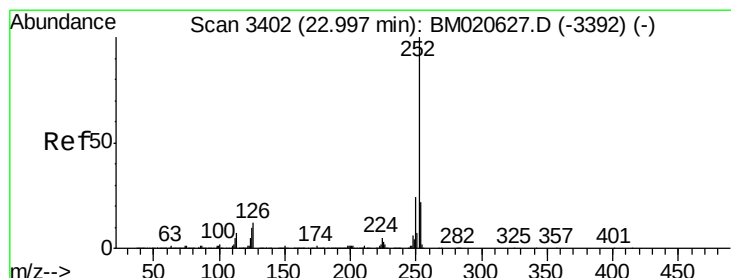
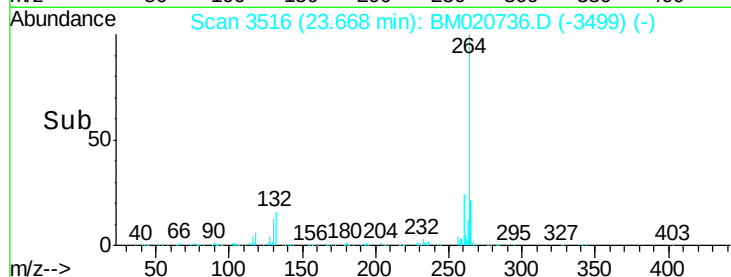
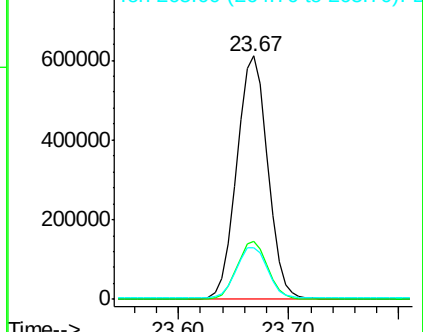
265 21.4 17.4 26.0

Manual Integrations
APPROVED

mohammad
6/6/2019 11:21:41 AM



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



#88

Benzo(b)fluoranthene

Concen: 42.292 ng

RT: 22.98 min Scan# 3399

Delta R.T. 0.01 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

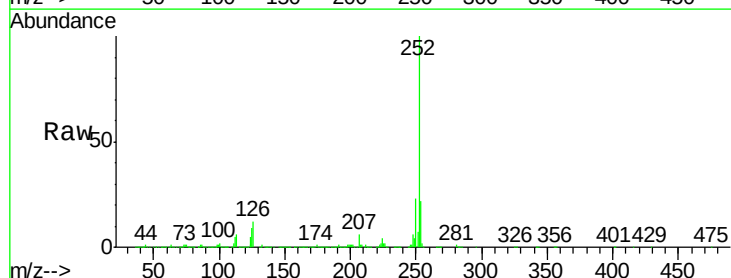
Tgt Ion:252 Resp: 3384348

Ion Ratio Lower Upper

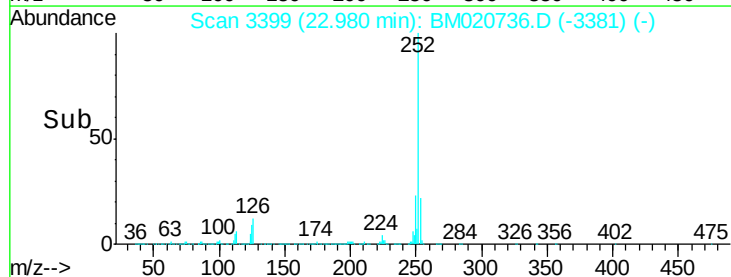
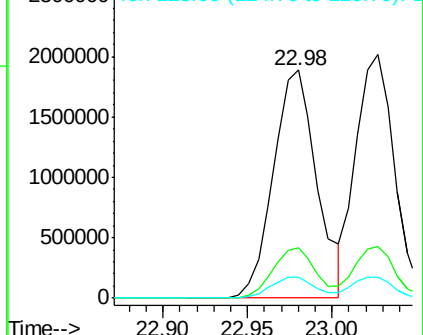
252 100

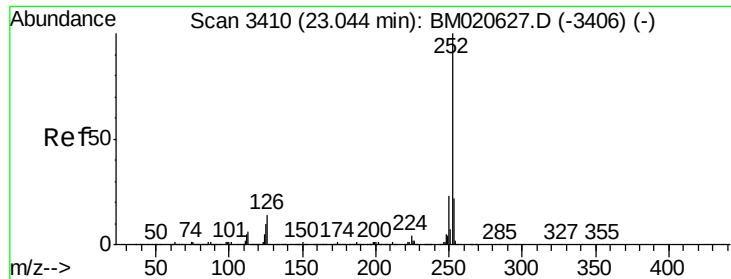
253 22.0 17.8 26.8

125 9.2 7.6 11.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





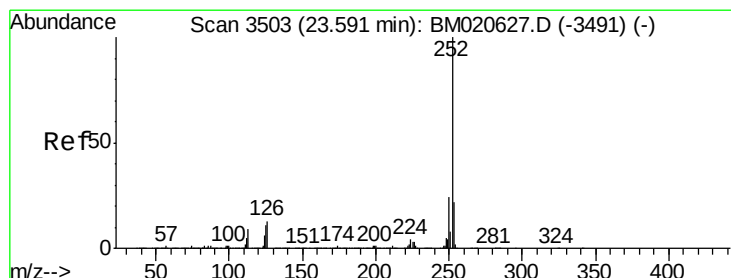
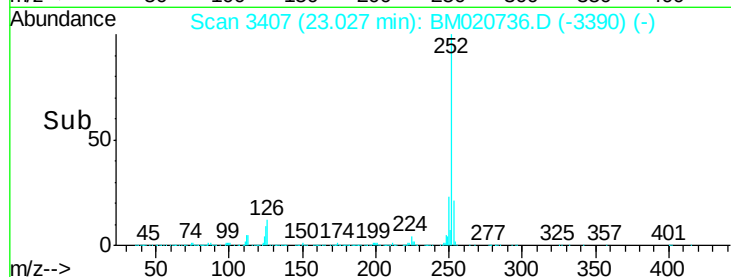
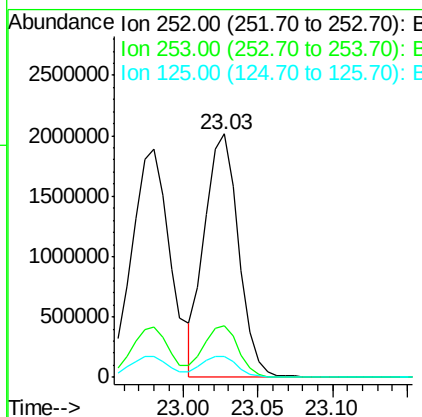
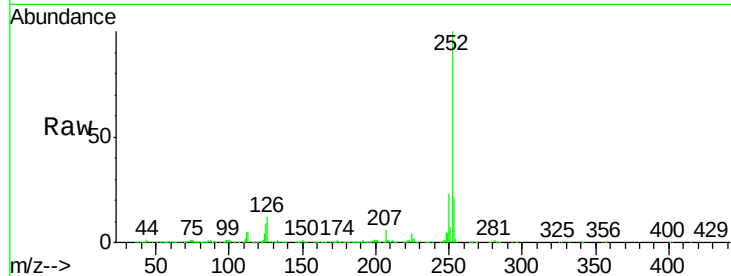
#89
Benzo(k)fluoranthene
Concen: 40.684 ng
RT: 23.03 min Scan# 3407
Delta R.T. 0.00 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Instrument :
BNA_M
ClientSampleId :
PB120038BS

Tot Ion:252 Resp: 3181547
Ion Ratio Lower Upper
252 100
253 21.4 17.3 25.9
125 8.6 7.2 10.8

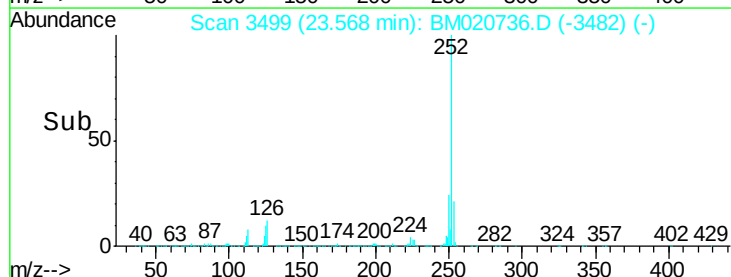
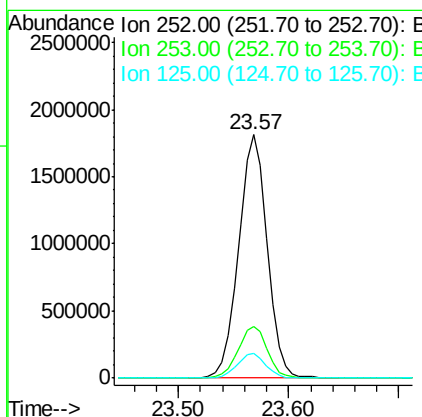
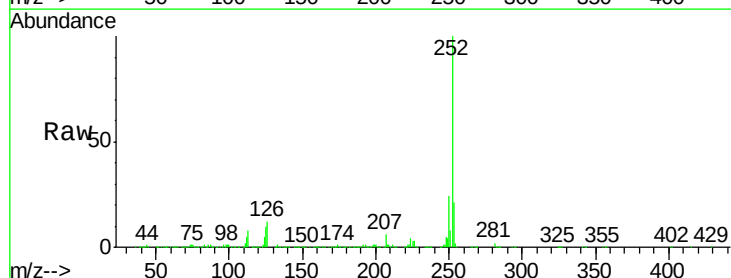
Manual Integrations
APPROVED

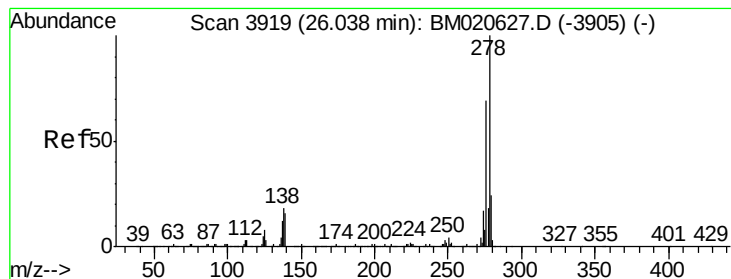
mohammad
6/6/2019 11:21:41 AM



#90
Benzo(a)pyrene
Concen: 45.246 ng
RT: 23.57 min Scan# 3499
Delta R.T. 0.00 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Tgt Ion:252 Resp: 3284124
Ion Ratio Lower Upper
252 100
253 21.4 17.3 25.9
125 10.0 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 50.940 ng

RT: 26.00 min Scan# 3913

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

Instrument :

BNA_M

ClientSampleId :

PB120038BS

Tot Ion:278 Resp: 3587114

Ion Ratio Lower Upper

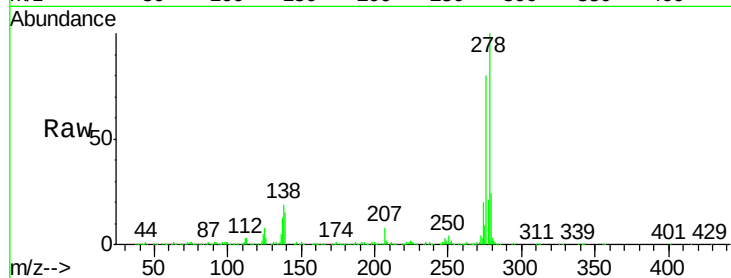
278 100

139 14.8 11.8 17.6

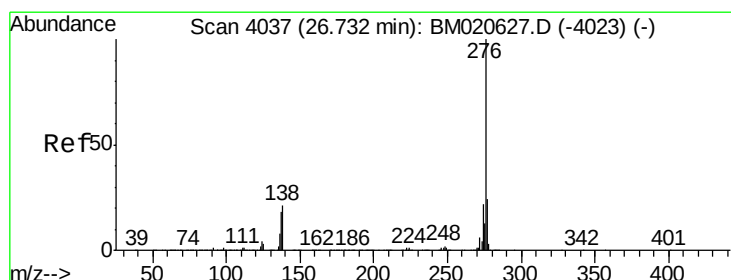
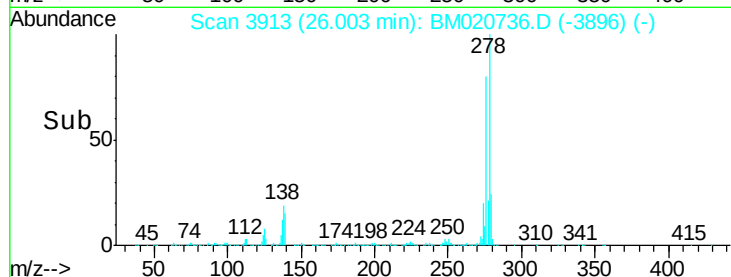
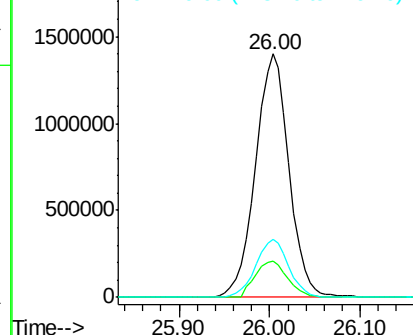
279 23.6 18.3 27.5

Manual Integrations
APPROVED

mohammad
6/6/2019 11:21:41 AM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 53.924 ng

RT: 26.70 min Scan# 4032

Delta R.T. 0.01 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

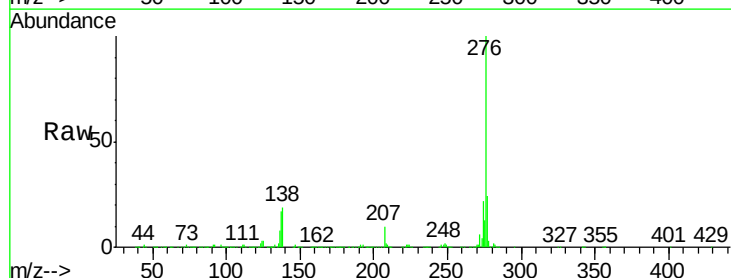
Tgt Ion:276 Resp: 3527076

Ion Ratio Lower Upper

276 100

277 23.7 19.3 28.9

138 19.4 16.2 24.4



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

