

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012720\
 Data File : BM024625.D
 Acq On : 27 Jan 2020 13:20
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 1/28/2020 1:14:48 PM

Quant Time: Jan 28 05:38:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 23 14:57:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	270008	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	1050027	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	768774	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	1800507	20.00	ng	0.00
76) Chrysene-d12	21.06	240	1835888	20.00	ng	0.00
87) Perylene-d12	23.16	264	1839507	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.08	112	1205142	84.88	ng	0.00
7) Phenol-d6	6.64	99	1584242	81.00	ng	0.00
23) Nitrobenzene-d5	8.59	82	1695756	79.20	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	1184362	94.71	ng	0.00
45) 2-Fluorobiphenyl	12.71	172	4977407	88.02	ng	0.00
79) Terphenyl-d14	19.50	244	9276532	94.33	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.08	88	241497	43.000	ng	91
3) Pyridine	3.45	79	637893	39.180	ng	94
4) n-Nitrosodimethylamine	3.37	42	258415	35.758	ng	84
6) Aniline	6.78	93	964823	40.522	ng	95
8) 2-Chlorophenol	7.02	128	691286	42.771	ng	92
9) Benzaldehyde	6.59	77	412837	35.723	ng	89
10) Phenol	6.67	94	781482	40.084	ng	96
11) bis(2-Chloroethyl)ether	6.89	93	631122	40.437	ng	95
12) 1,3-Dichlorobenzene	7.33	146	891396	44.894	ng	97
13) 1,4-Dichlorobenzene	7.47	146	894880	44.426	ng	98
14) 1,2-Dichlorobenzene	7.79	146	854005	43.922	ng	98
15) Benzyl Alcohol	7.69	79	621313	38.529	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.98	45	502994	35.204	ng	97
17) 2-Methylphenol	7.89	107	567079	41.276	ng	96
18) Hexachloroethane	8.50	117	325530	41.850	ng	95
19) n-Nitroso-di-n-propylamine	8.26	70	537384	36.595	ng	94
20) 3+4-Methylphenols	8.22	107	775636	40.784	ng	97
22) Acetophenone	8.26	105	1126672	41.612	ng	95
24) Nitrobenzene	8.63	77	812569	39.603	ng	94
25) Isophorone	9.15	82	1447012	39.775	ng	97
26) 2-Nitrophenol	9.33	139	427482	44.994	ng	91
27) 2,4-Dimethylphenol	9.41	122	562843	43.595	ng	95
28) bis(2-Chloroethoxy)methane	9.64	93	930816	41.883	ng	98
29) 2,4-Dichlorophenol	9.86	162	817095	46.844	ng	97
30) 1,2,4-Trichlorobenzene	10.07	180	996210	47.355	ng	98
31) Naphthalene	10.25	128	2330274	43.939	ng	100
32) Benzoic acid	9.58	122	532922m	45.124	ng	
33) 4-Chloroaniline	10.36	127	1032147	44.401	ng	96
34) Hexachlorobutadiene	10.56	225	689329	47.401	ng	99
35) Caprolactam	11.16	113	244860m	43.755	ng	
36) 4-Chloro-3-methylphenol	11.51	107	782062	42.165	ng	91
37) 2-Methylnaphthalene	11.87	142	1828372	44.674	ng	99
38) 1-Methylnaphthalene	12.10	142	1739012	44.669	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.26	216	1235017	45.012	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012720\
 Data File : BM024625.D
 Acq On : 27 Jan 2020 13:20
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

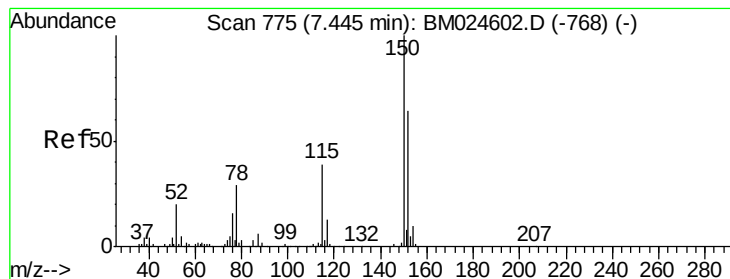
Manual Integrations
 APPROVED

mohammad
 1/28/2020 1:14:48 PM

Quant Time: Jan 28 05:38:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 23 14:57:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.25	237	716492	46.588	nq	99
43) 2,4,6-Trichlorophenol	12.50	196	787107	45.080	nq	99
44) 2,4,5-Trichlorophenol	12.58	196	809357	45.389	nq	95
46) 1,1'-Biphenyl	12.92	154	2568037	44.140	nq	99
47) 2-Chloronaphthalene	12.95	162	2072426	44.124	nq	97
48) 2-Nitroaniline	13.16	65	532101	37.145	nq	# 84
49) Acenaphthylene	13.81	152	3088543	43.926	nq	100
50) Dimethylphthalate	13.57	163	2746450	44.180	nq	100
51) 2,6-Dinitrotoluene	13.67	165	597718	45.224	nq	# 85
52) Acenaphthene	14.16	154	1907354	43.716	nq	99
53) 3-Nitroaniline	14.00	138	593105	43.267	nq	93
54) 2,4-Dinitrophenol	14.21	184	362119	45.817	nq	# 87
55) Dibenzofuran	14.50	168	3165744	44.490	nq	97
56) 4-Nitrophenol	14.33	139	467283	43.608	nq	87
57) 2,4-Dinitrotoluene	14.47	165	852102	44.985	nq	89
58) Fluorene	15.15	166	2607102	43.599	nq	100
59) 2,3,4,6-Tetrachlorophenol	14.73	232	819254	45.305	nq	95
60) Diethylphthalate	14.95	149	2705503	42.869	nq	98
61) 4-Chlorophenyl-phenylether	15.16	204	1498502	43.466	nq	97
62) 4-Nitroaniline	15.17	138	650585	42.996	nq	94
63) Azobenzene	15.45	77	2040490	37.904	nq	93
65) 4,6-Dinitro-2-methylphenol	15.24	198	486712	45.974	nq	86
66) n-Nitrosodiphenylamine	15.37	169	2288657	44.251	nq	100
67) 4-Bromophenyl-phenylether	16.05	248	1027211	45.877	nq	95
68) Hexachlorobenzene	16.16	284	1214704	47.275	nq	96
69) Atrazine	16.34	200	806734	40.636	nq	99
70) Pentachlorophenol	16.50	266	723894	46.252	nq	99
71) Phenanthrene	16.89	178	4323334	44.342	nq	99
72) Anthracene	16.97	178	4255197	44.603	nq	100
73) Carbazole	17.25	167	3856042	44.400	nq	99
74) Di-n-butylphthalate	17.84	149	4709940	42.421	nq	99
75) Fluoranthene	18.91	202	5417802	44.521	nq	98
77) Benzidine	19.10	184	2270380	53.102	nq	99
78) Pyrene	19.27	202	5590344	46.190	nq	100
80) Butylbenzylphthalate	20.22	149	2172611	42.780	nq	93
81) Benzo(a)anthracene	21.04	228	5617052	44.083	nq	100
82) 3,3'-Dichlorobenzidine	20.98	252	2096924	45.748	nq	99
83) Chrysene	21.09	228	5352825	44.025	nq	99
84) Bis(2-ethylhexyl)phthalate	21.01	149	3130019	41.770	nq	98
85) Di-n-octyl phthalate	21.86	149	5014300	40.503	nq	# 96
86) Indeno(1,2,3-cd)pyrene	25.24	276	5145166	38.825	nq	99
88) Benzo(b)fluoranthene	22.54	252	5440610	45.602	nq	100
89) Benzo(k)fluoranthene	22.59	252	5310438	45.601	nq	99
90) Benzo(a)pyrene	23.08	252	4879055	44.981	nq	100
91) Dibenzo(a,h)anthracene	25.26	278	4282580	41.597	nq	99
92) Benzo(g,h,i)perylene	25.87	276	4011700	42.914	nq	99

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



#1

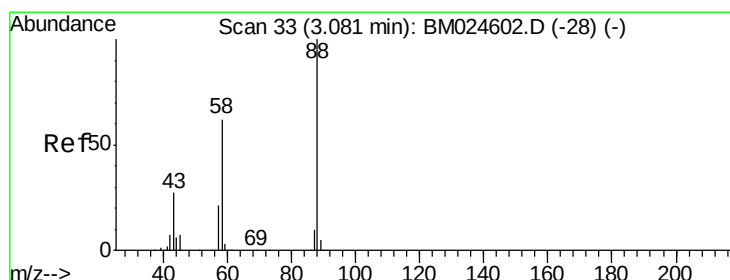
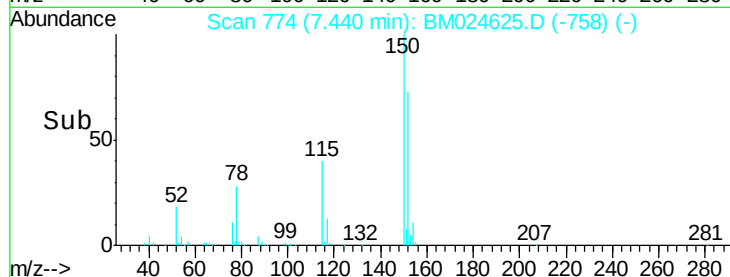
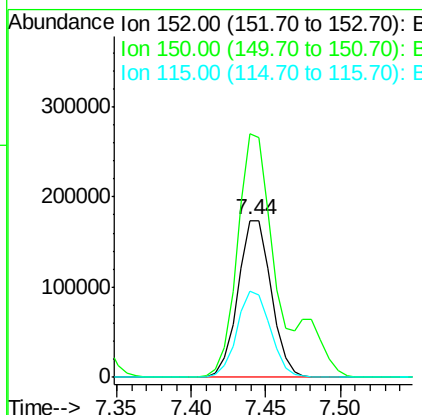
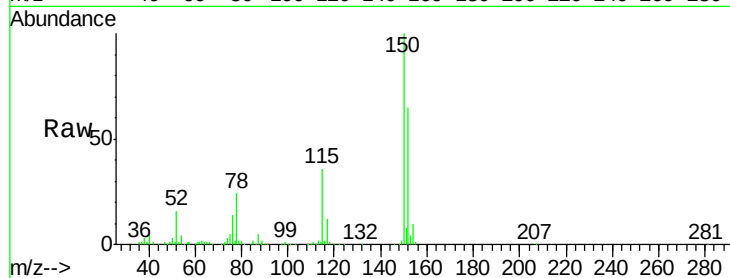
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.2	186.4
115	55.2	48.6	72.8

Manual Integrations
APPROVED

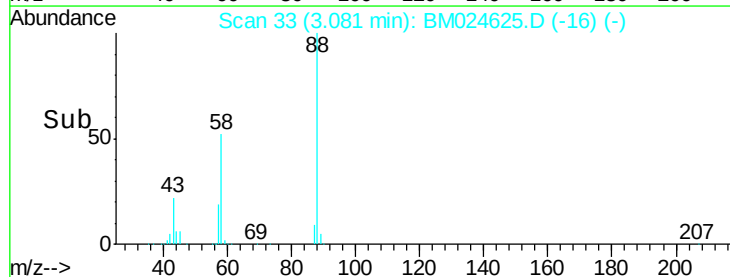
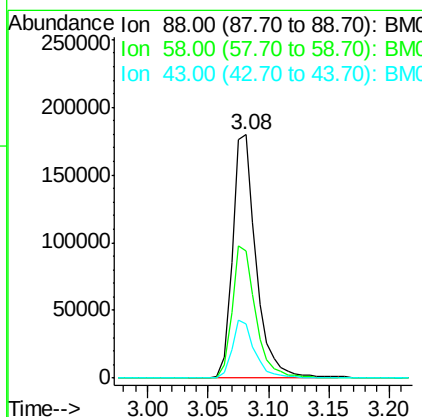
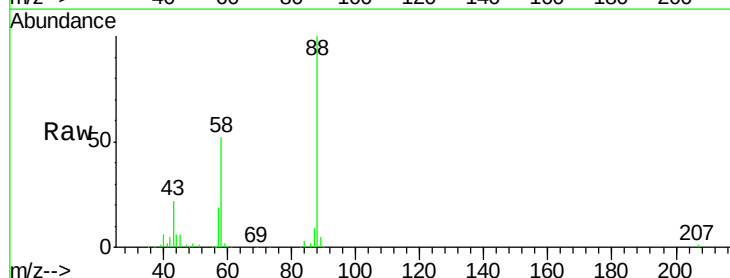
mohammad
1/28/2020 1:14:48 PM

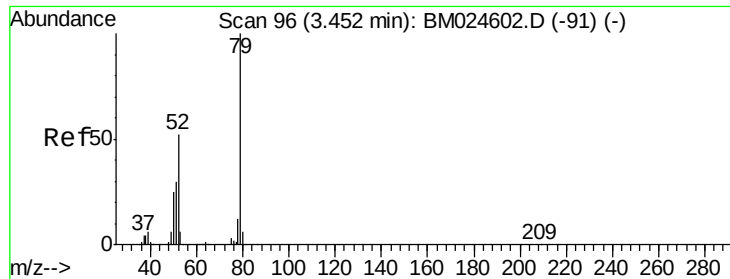


#2

1,4-Dioxane
Concen: 43.000 ng
RT: 3.08 min Scan# 33
Delta R.T. 0.00 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	54.5	50.0	75.0
43	23.0	21.6	32.4





#3

Pvridine

Concen: 39.180 ng

RT: 3.45 min Scan# 96

Delta R.T. 0.00 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

Instrument :

BNA_M

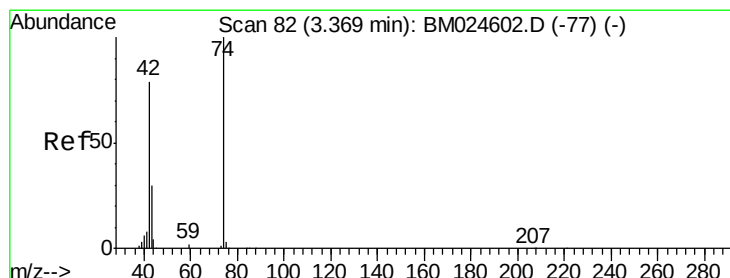
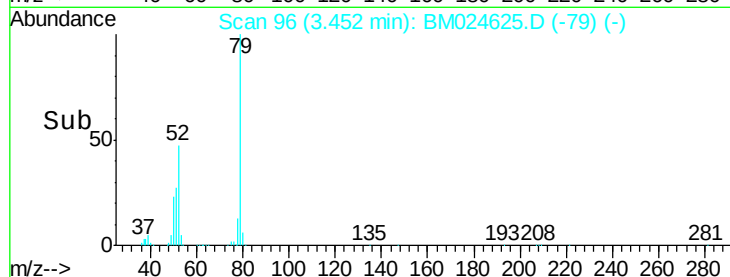
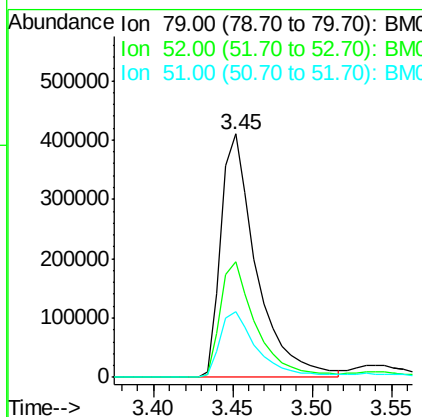
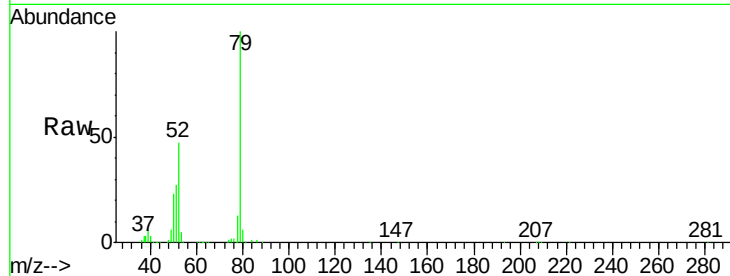
ClientSampled :

SSTDCCC040

Tot Ion:	79	Resp:	637893
Ion	Ratio	Lower	Upper
79	100		
52	47.4	41.4	62.2
51	26.8	23.8	35.8

Manual Integrations
APPROVED

mohammad
1/28/2020 1:14:48 PM



#4

n-Nitrosodimethylamine

Concen: 35.758 ng

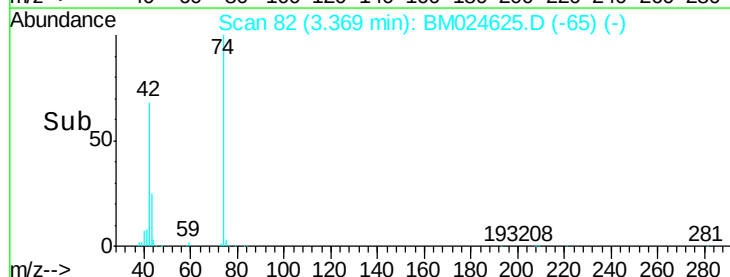
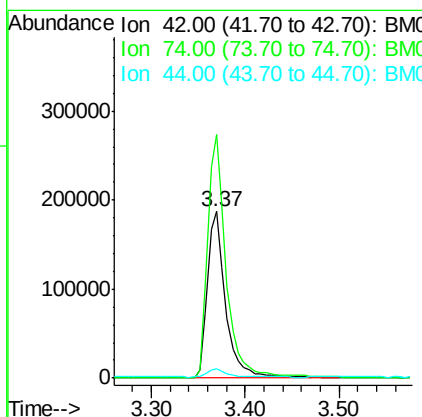
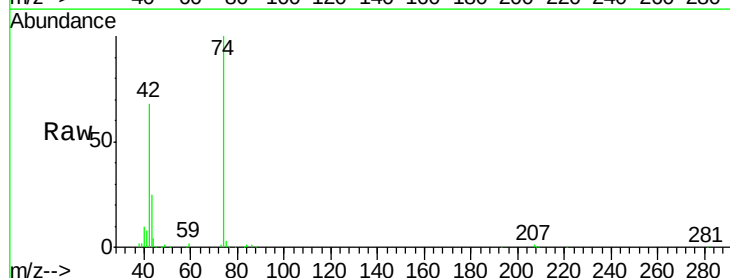
RT: 3.37 min Scan# 82

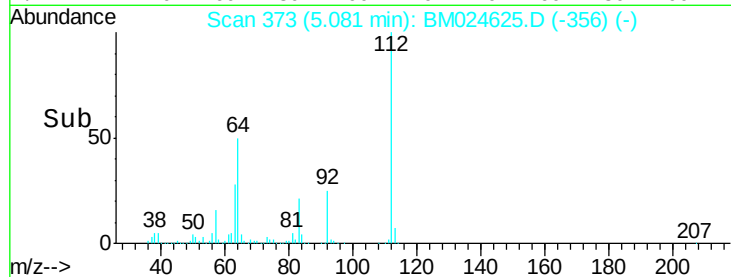
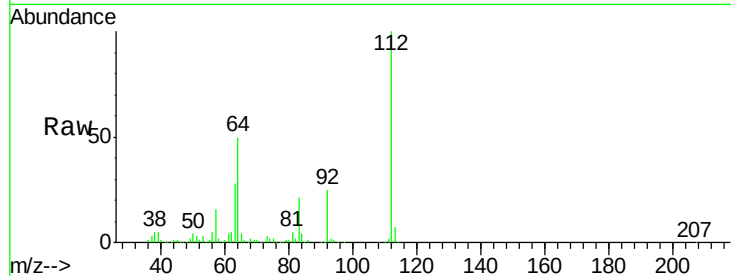
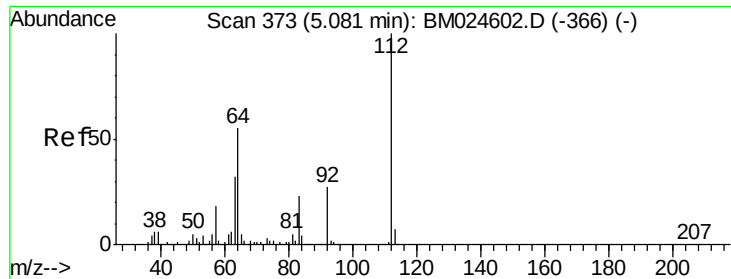
Delta R.T. 0.00 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

Tgt Ion:	42	Resp:	258415
Ion	Ratio	Lower	Upper
42	100		
74	146.4	101.4	152.2
44	5.6	4.6	6.8





#5

2-Fluorophenol

Concen: 84.882 ng

RT: 5.08 min Scan# 373

Delta R.T. 0.00 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

Tot Ion:	112	Resp:	1205142
Ion	Ratio	Lower	Upper
112	100		
64	49.9	44.2	66.4
63	28.3	25.9	38.9

Instrument :

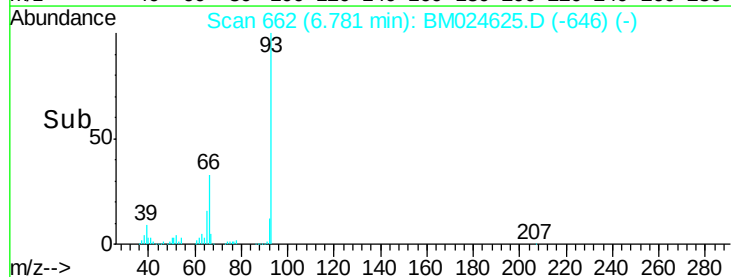
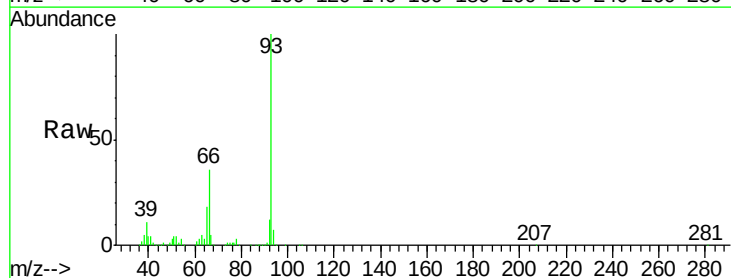
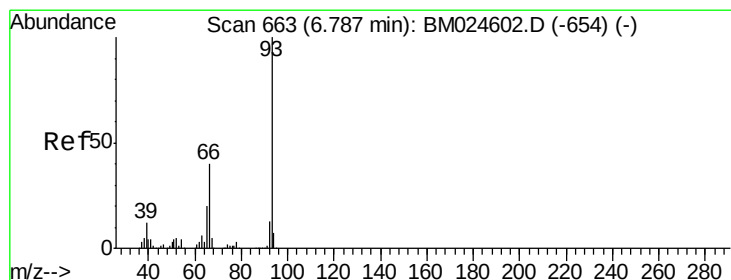
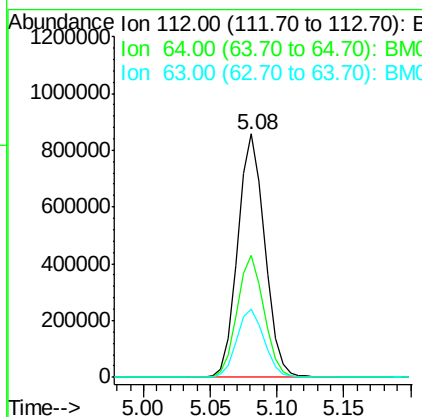
BNA_M

ClientSampleId :

SSTDCCC040

Manual Integrations
APPROVED

mohammad
1/28/2020 1:14:48 PM



#6

Aniline

Concen: 40.522 ng

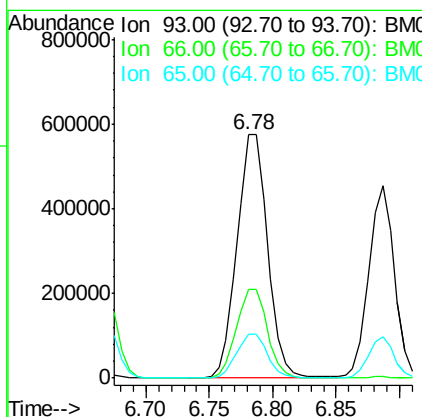
RT: 6.78 min Scan# 662

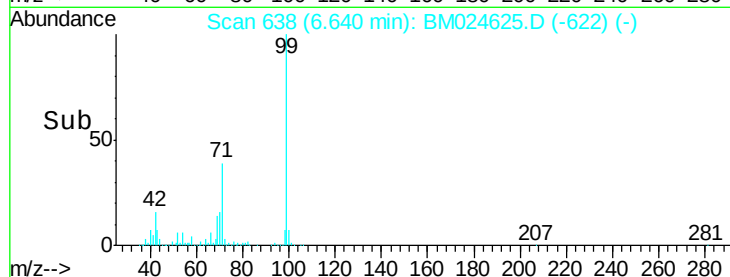
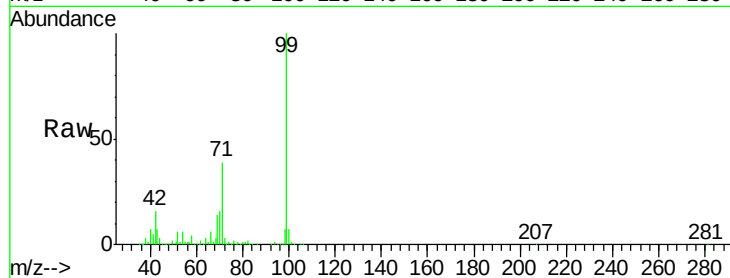
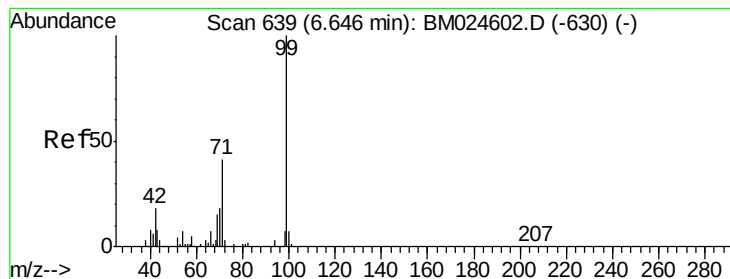
Delta R.T. -0.01 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

Tgt Ion:	93	Resp:	964823
Ion	Ratio	Lower	Upper
93	100		
66	36.5	31.8	47.8
65	18.0	15.8	23.6





#7

Phenol-d6

Concen: 81.000 ng

RT: 6.64 min Scan# 638

Delta R.T. -0.01 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

Tot Ion: 99 Resp: 1584242

Ion Ratio Lower Upper

99 100

42 15.6 14.1 21.1

71 39.0 33.0 49.6

Instrument :

BNA_M

ClientSampled :

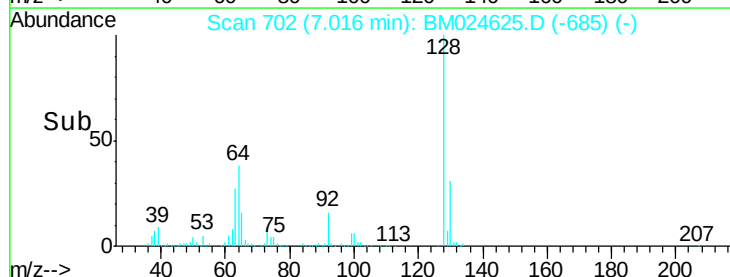
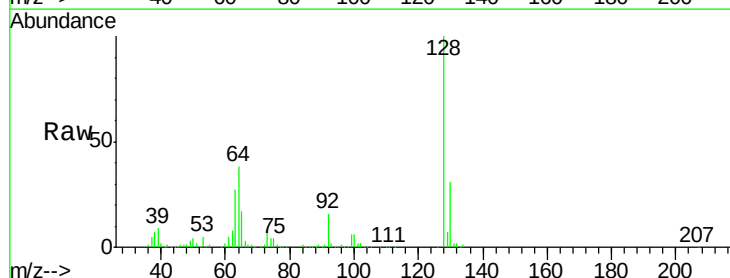
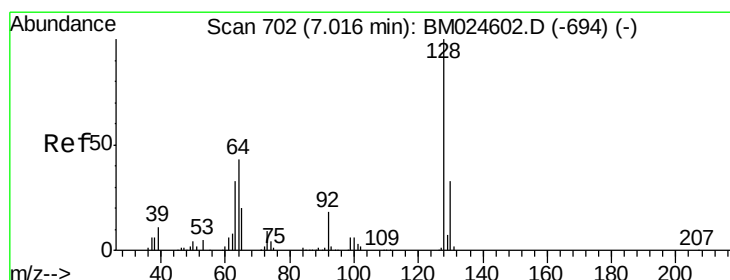
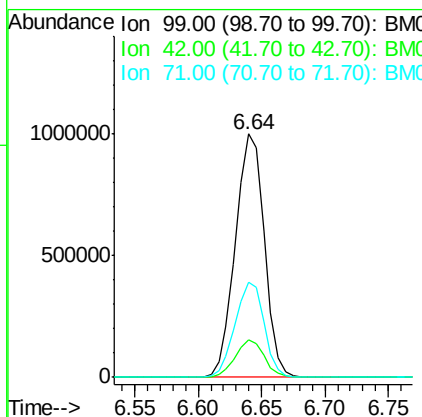
SSTDCCC040

Manual Integrations

APPROVED

mohammad

1/28/2020 1:14:48 PM



#8

2-Chlorophenol

Concen: 42.771 ng

RT: 7.02 min Scan# 702

Delta R.T. 0.00 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

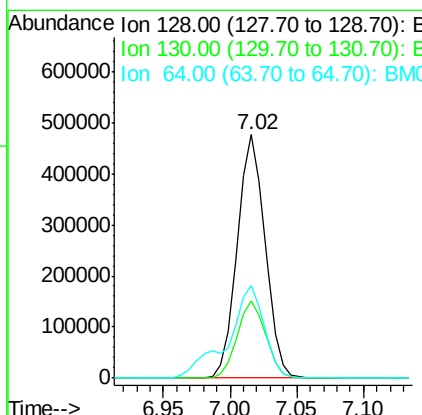
Tgt Ion: 128 Resp: 691286

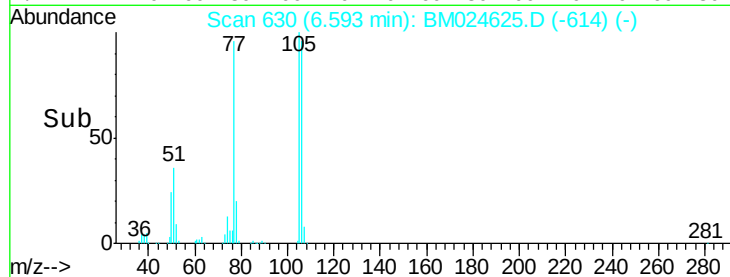
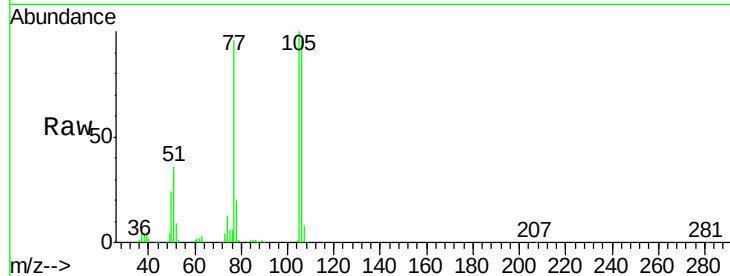
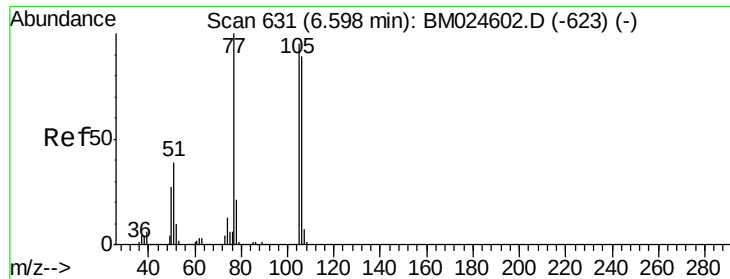
Ion Ratio Lower Upper

128 100

130 31.5 12.5 52.5

64 37.9 26.1 66.1





#9

Benzaldehyde

Concen: 35.723 ng

RT: 6.59 min Scan# 630

Delta R.T. -0.01 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

Tot Ion:	77	Resp:	412837
Ion	Ratio	Lower	Upper
77	100		
105	104.0	75.2	115.2
106	100.0	68.6	108.6

Instrument :

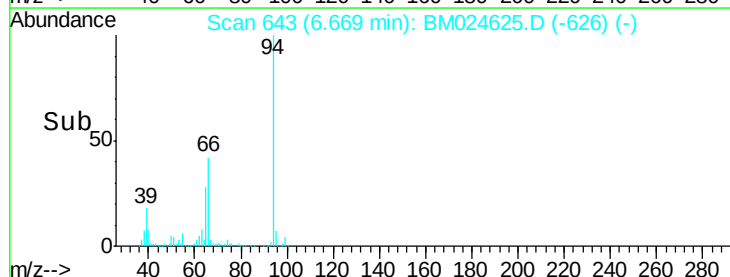
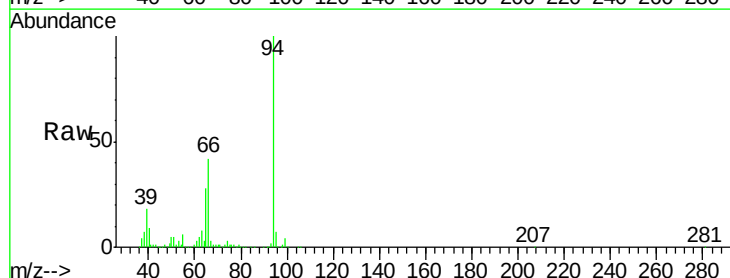
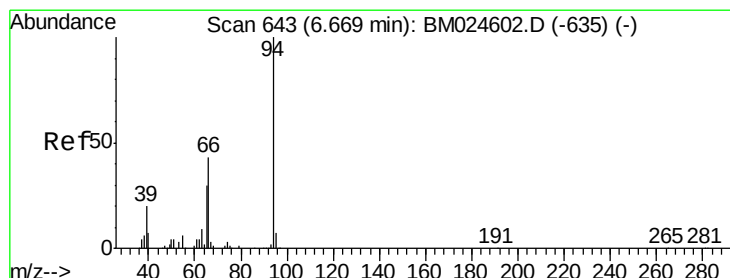
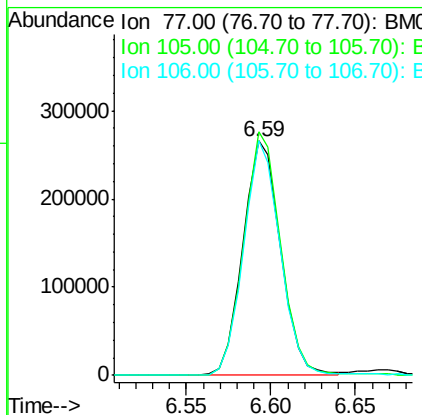
BNA_M

ClientSampleId :

SSTDCCC040

Manual Integrations
APPROVED

mohammad
1/28/2020 1:14:48 PM



#10

Phenol

Concen: 40.084 ng

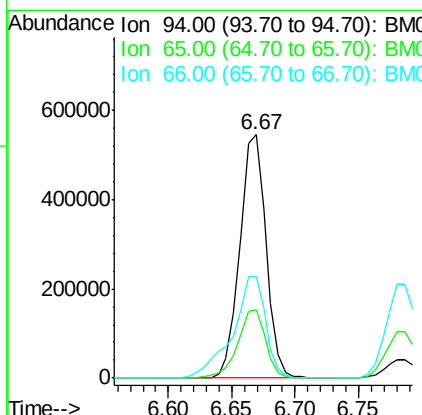
RT: 6.67 min Scan# 643

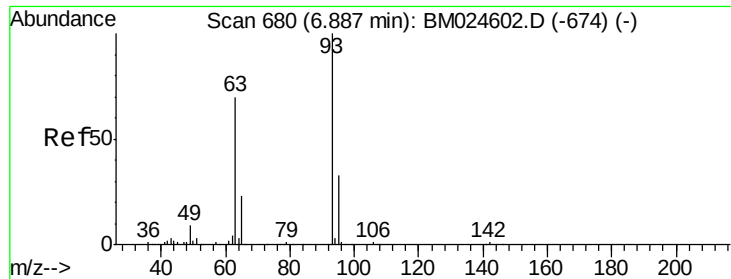
Delta R.T. 0.00 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

Tgt Ion:	94	Resp:	781482
Ion	Ratio	Lower	Upper
94	100		
65	28.0	10.3	50.3
66	41.9	24.8	64.8





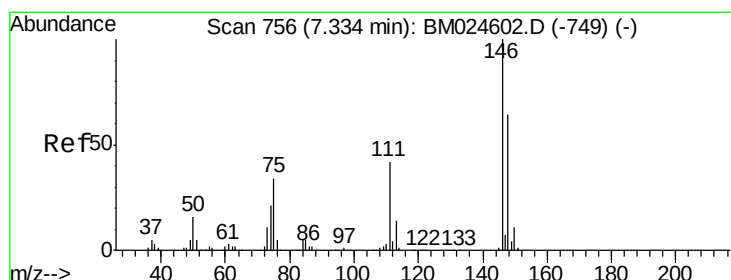
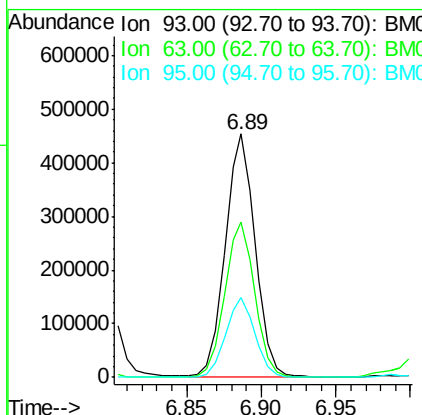
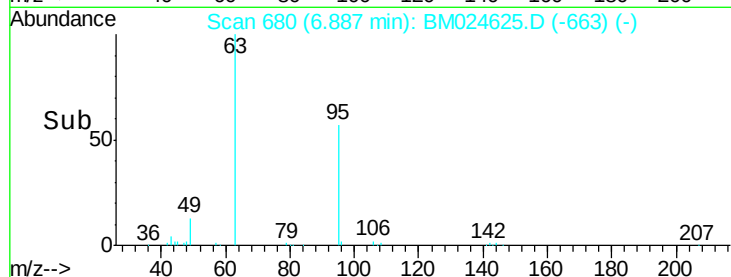
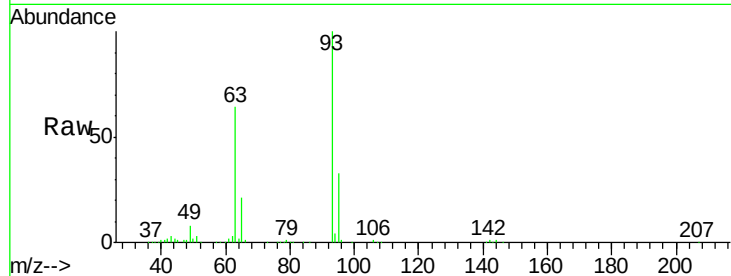
#11
bis(2-Chloroethyl)ether
Concen: 40.437 ng
RT: 6.89 min Scan# 680
Delta R.T. 0.00 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	93	Resp	631122
Ion	Ratio	Lower	Upper
93	100		
63	63.7	49.6	89.6
95	32.8	12.6	52.6

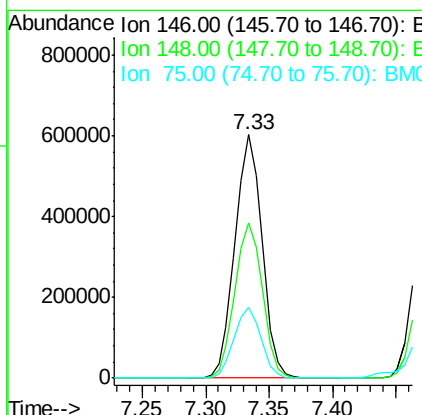
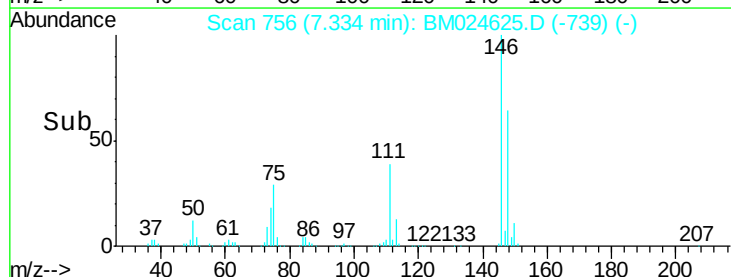
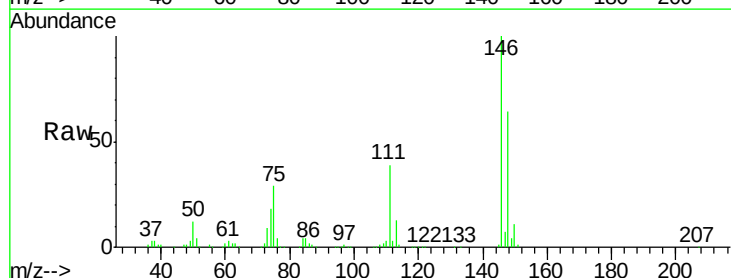
Manual Integrations
APPROVED

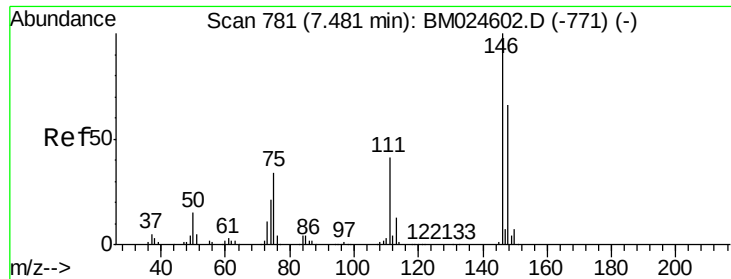
mohammad
1/28/2020 1:14:48 PM



#12
1,3-Dichlorobenzene
Concen: 44.894 ng
RT: 7.33 min Scan# 756
Delta R.T. 0.00 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

Tgt Ion	146	Resp	891396
Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.0	76.6
75	29.3	27.0	40.4





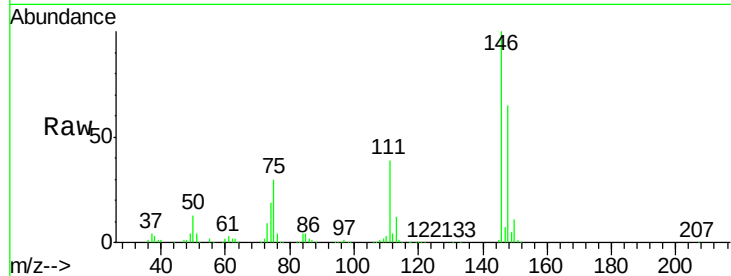
#13
1,4-Dichlorobenzene
Concen: 44.426 ng
RT: 7.47 min Scan# 780
Delta R.T. -0.01 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

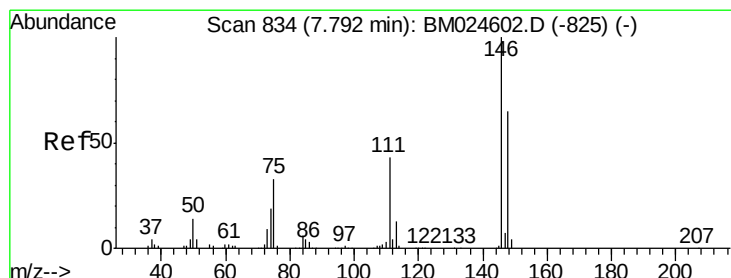
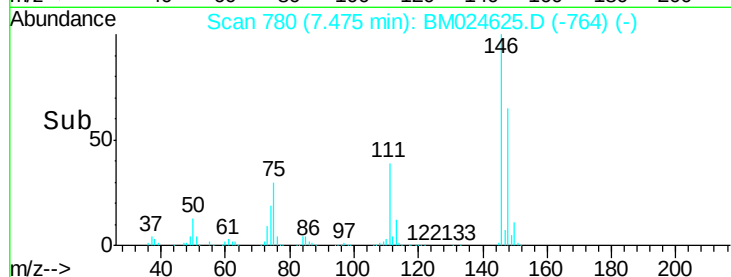
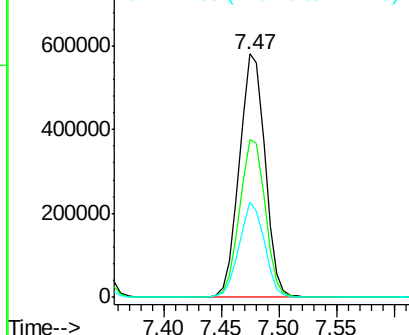
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.5	78.7
111	39.1	33.0	49.4

Manual Integrations
APPROVED

mohammad
1/28/2020 1:14:48 PM

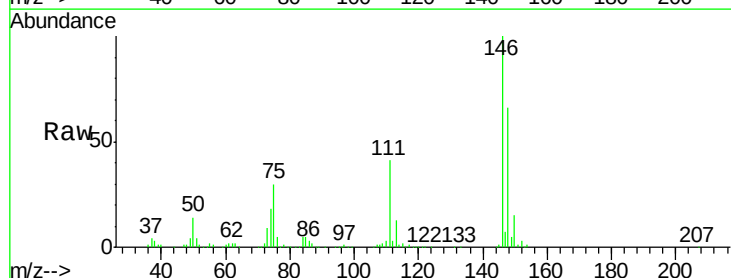


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

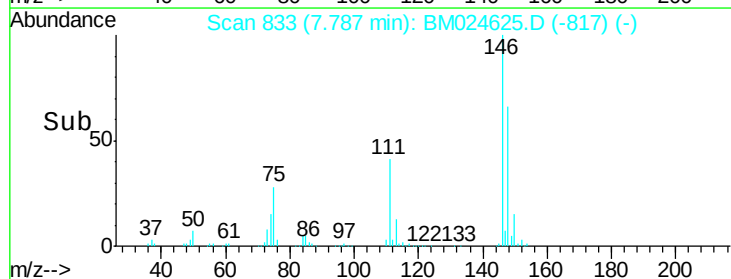
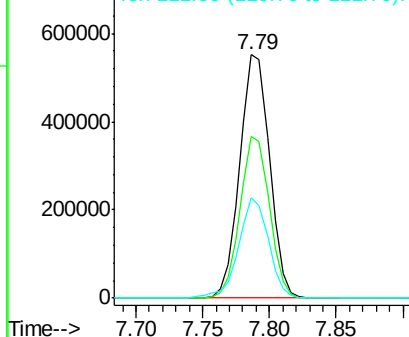


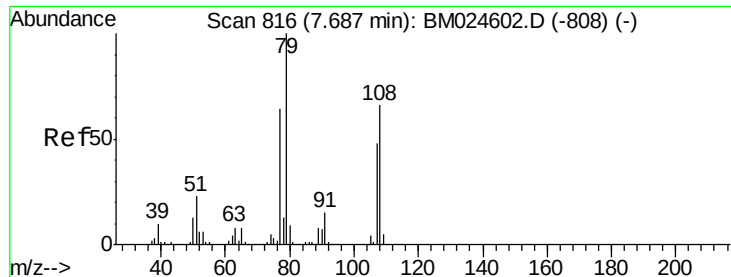
#14
1,2-Dichlorobenzene
Concen: 43.922 ng
RT: 7.79 min Scan# 833
Delta R.T. -0.01 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.4	51.9	77.9
111	41.0	34.5	51.7



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: 38.529 ng

RT: 7.69 min Scan# 816

Delta R.T. 0.00 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

Instrument :

BNA_M

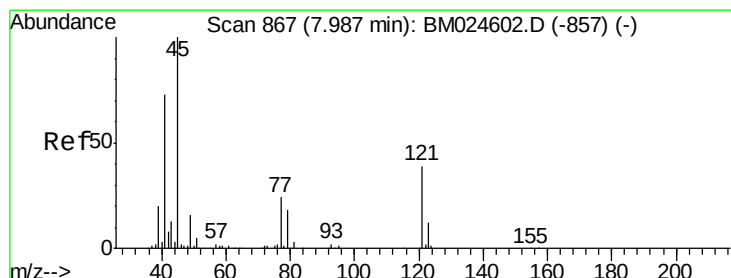
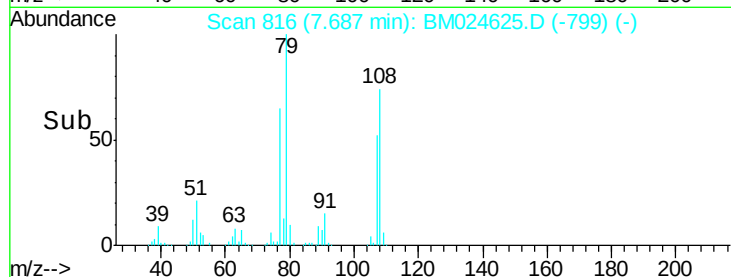
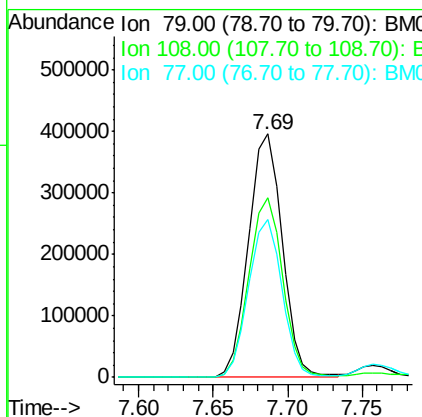
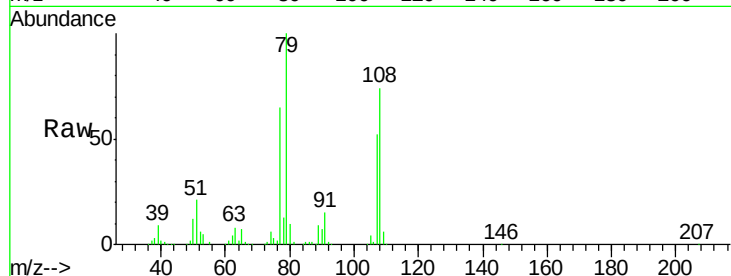
ClientSampled :

SSTDCCC040

Tot Ion:	79	Resp:	621313
Ion	Ratio	Lower	Upper
79	100		
108	73.5	53.0	79.4
77	64.8	50.8	76.2

Manual Integrations
APPROVED

mohammad
1/28/2020 1:14:48 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.204 ng

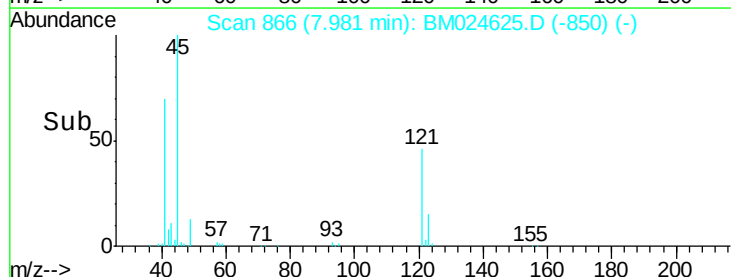
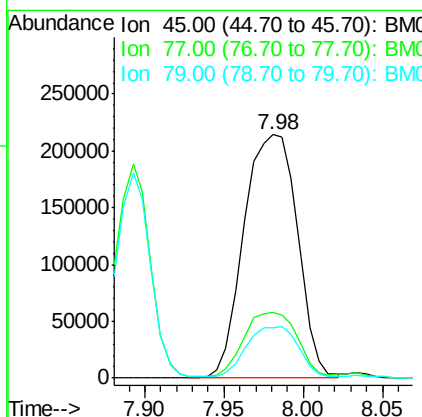
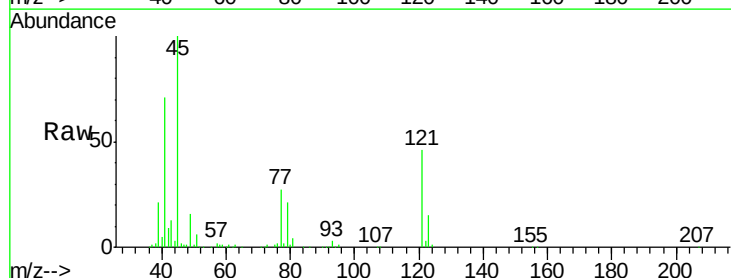
RT: 7.98 min Scan# 866

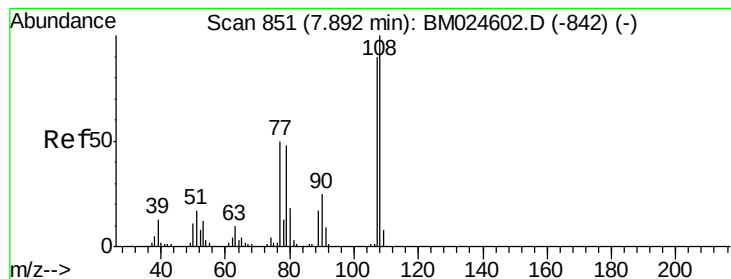
Delta R.T. -0.01 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

Tgt Ion:	45	Resp:	502994
Ion	Ratio	Lower	Upper
45	100		
77	27.1	5.2	45.2
79	20.8	0.0	39.4





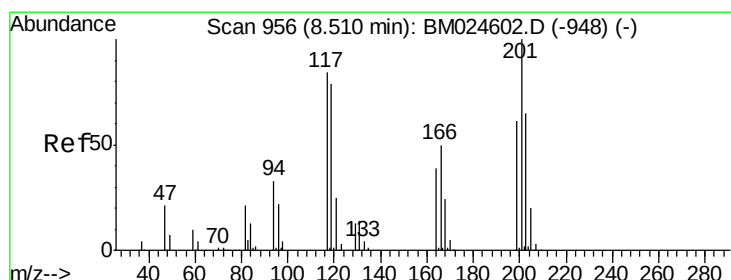
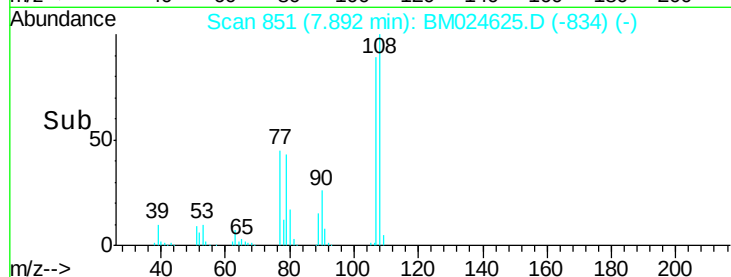
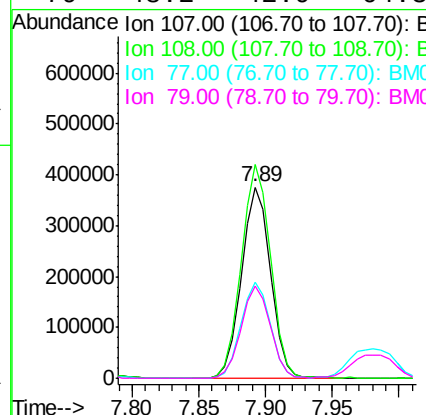
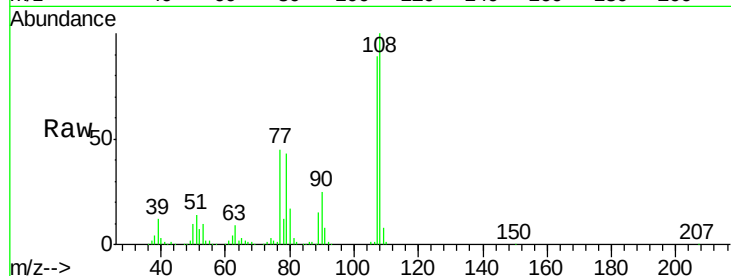
#17
2-Methylphenol
Concen: 41.276 ng
RT: 7.89 min Scan# 851
Delta R.T. 0.00 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	107	Resp	567079
Ion	Ratio	Lower	Upper
107	100		
108	111.9	88.9	133.3
77	50.2	44.5	66.7
79	48.2	42.9	64.3

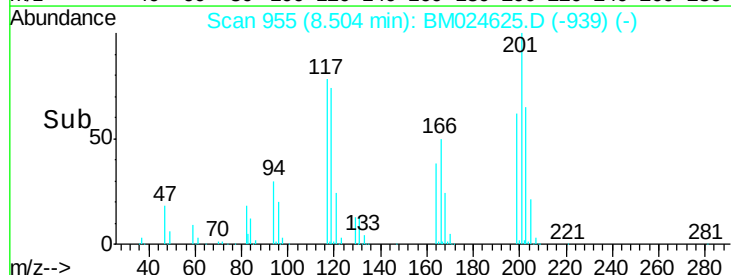
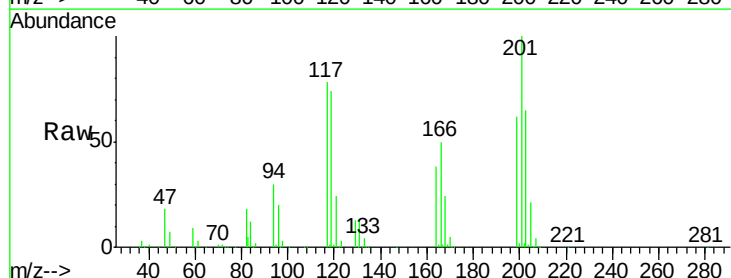
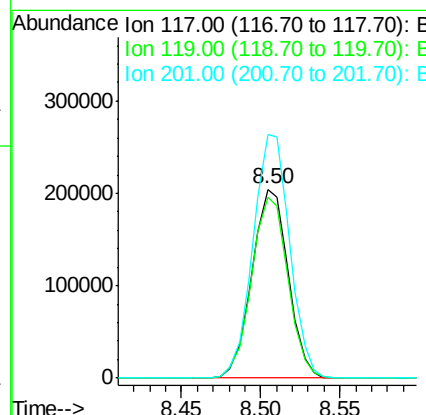
Manual Integrations
APPROVED

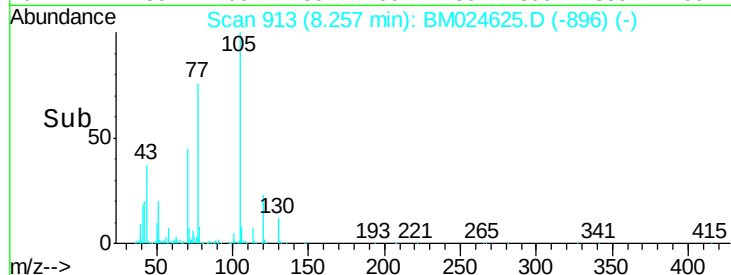
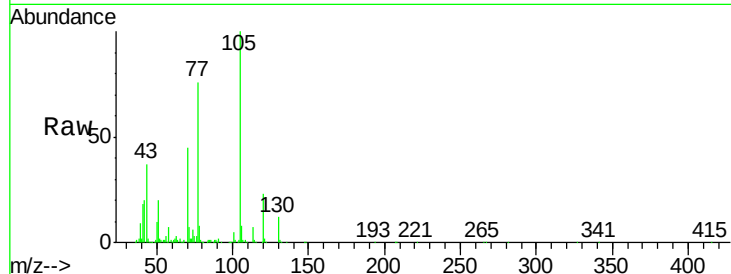
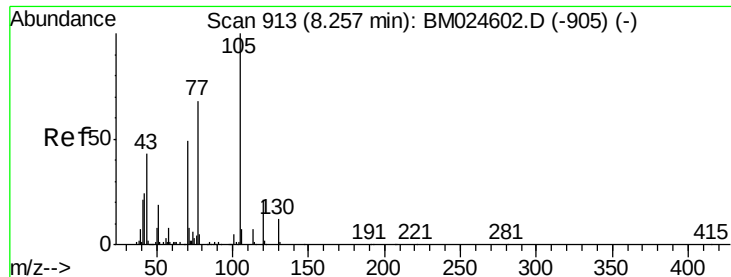
mohammad
1/28/2020 1:14:48 PM



#18
Hexachloroethane
Concen: 41.850 ng
RT: 8.50 min Scan# 956
Delta R.T. -0.01 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

Tgt Ion	117	Resp	325530
Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.4	113.2
201	128.8	95.8	143.6





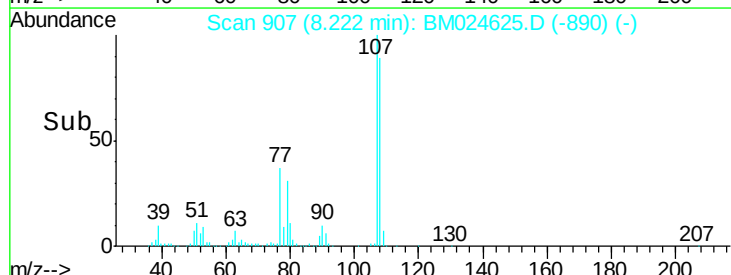
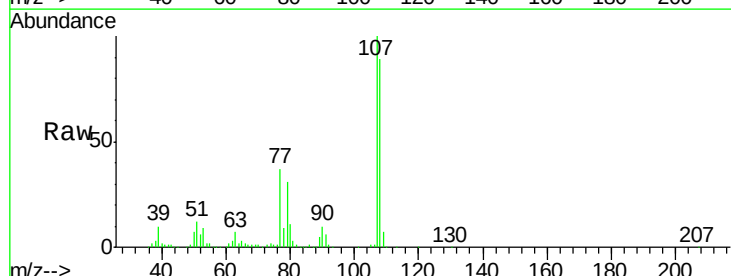
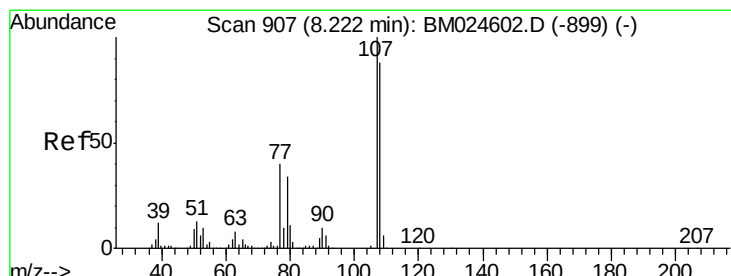
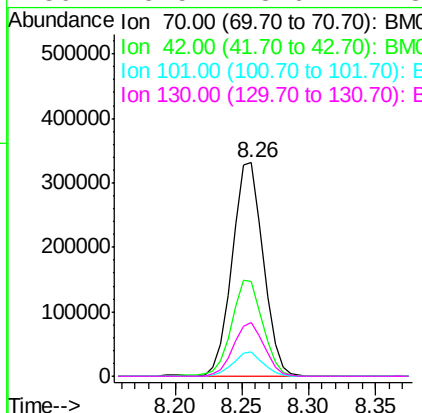
#19
n-Nitroso-di-n-propylamine
Concen: 36.595 ng
RT: 8.26 min Scan# 913
Delta R.T. 0.00 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	44.6	40.0	60.0	
101	11.1	8.2	12.2	
130	25.5	18.6	27.8	

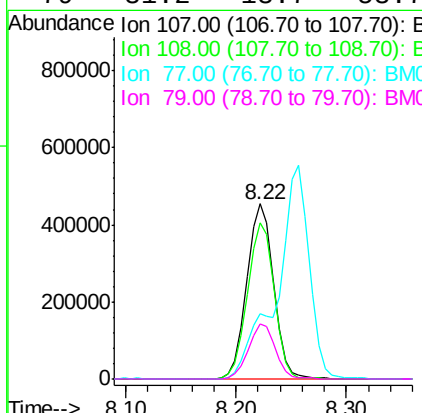
Manual Integrations
APPROVED

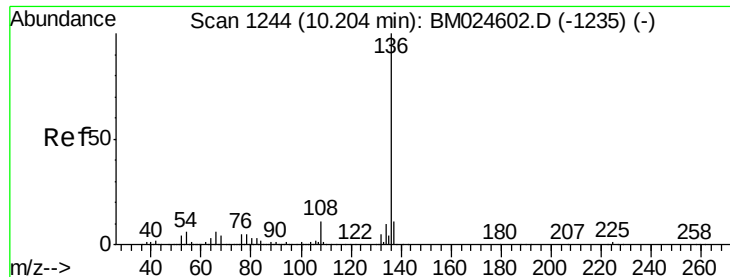
mohammad
1/28/2020 1:14:48 PM



#20
3+4-Methylphenols
Concen: 40.784 ng
RT: 8.22 min Scan# 907
Delta R.T. 0.00 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.1	68.0	108.0	
77	37.0	19.9	59.9	
79	31.2	13.7	53.7	





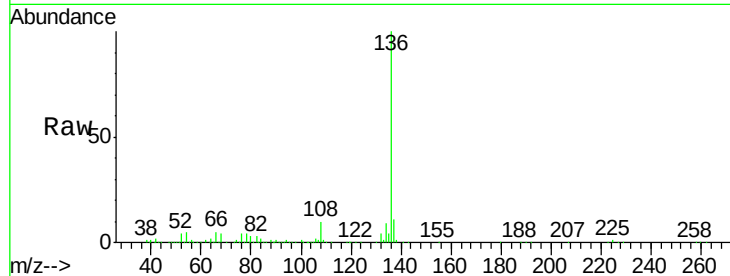
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.20 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

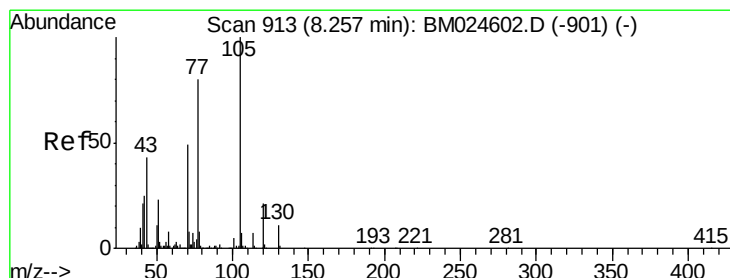
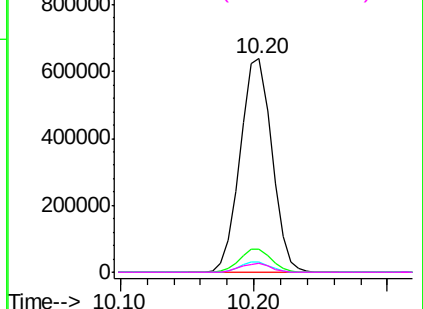
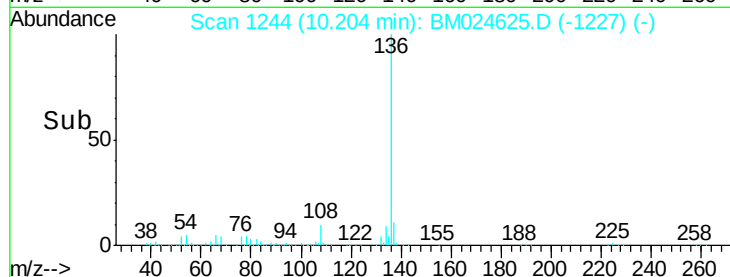
Tot Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	4.7	4.5	6.7
68	4.1	3.4	5.0

Manual Integrations
APPROVED

mohammad
1/28/2020 1:14:48 PM

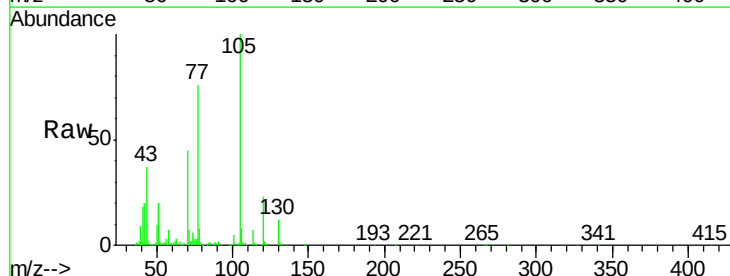


Abundance Ion 136.00 (135.70 to 136.70): E
1000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

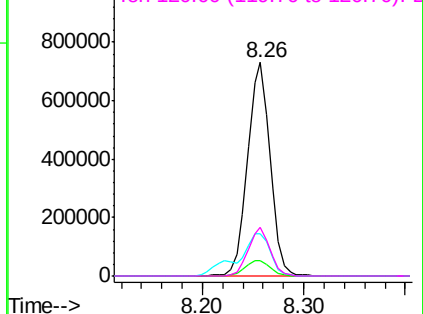
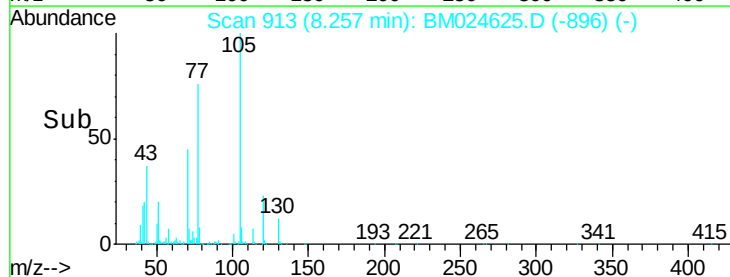


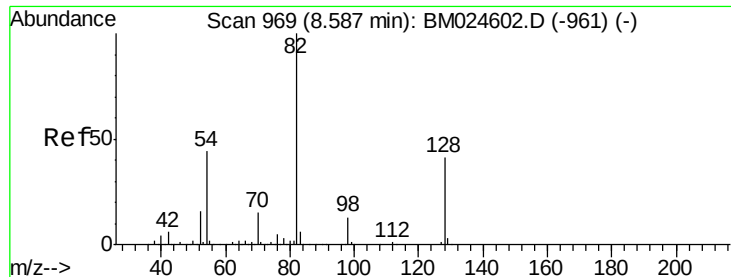
#22
Acetophenone
Concen: 41.612 ng
RT: 8.26 min Scan# 913
Delta R.T. 0.00 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

Tgt Ion	Ratio	Lower	Upper
105	100		
71	7.3	6.7	10.1
51	20.1	18.5	27.7
120	22.6	16.6	25.0



Abundance Ion 105.00 (104.70 to 105.70): E
1000000
Ion 71.00 (70.70 to 71.70): BM
Ion 51.00 (50.70 to 51.70): BM
Ion 120.00 (119.70 to 120.70): E





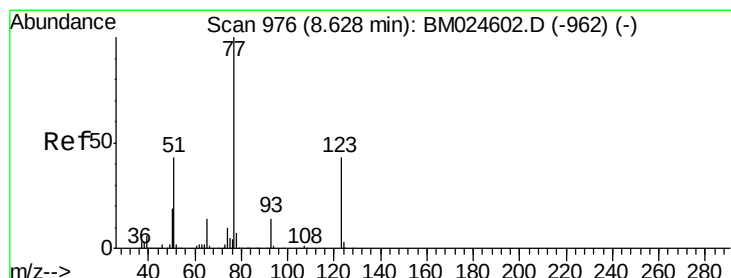
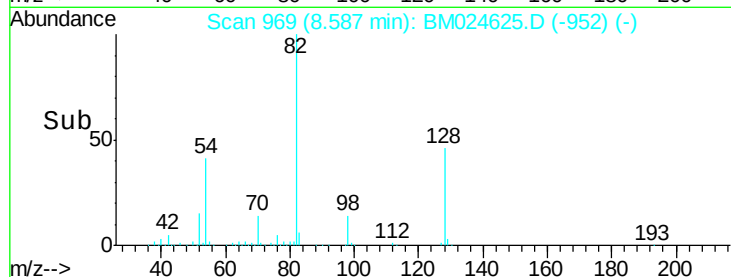
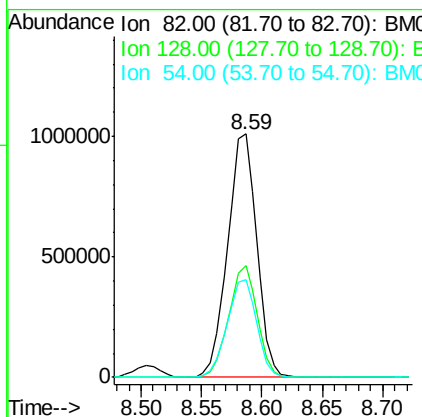
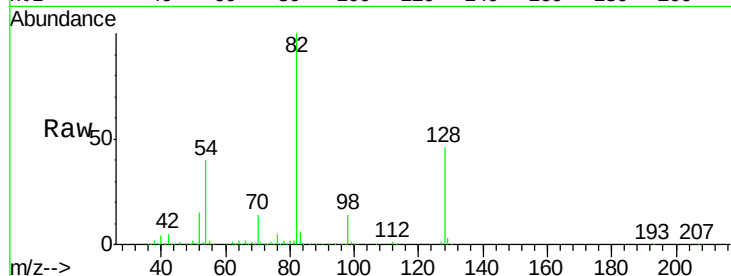
#23
 Nitrobenzene-d5
 Concen: 79.200 ng
 RT: 8.59 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BM024625.D
 Acq: 27 Jan 2020 13:20

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.7	32.6	48.8
54	40.1	34.8	52.2

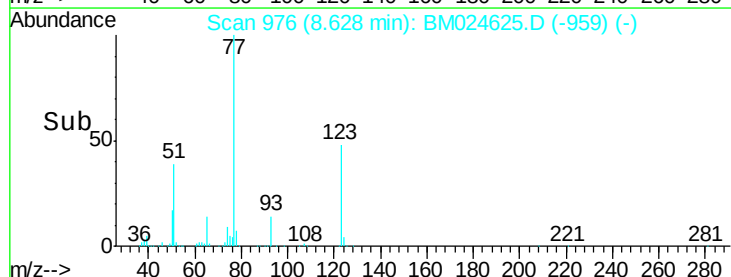
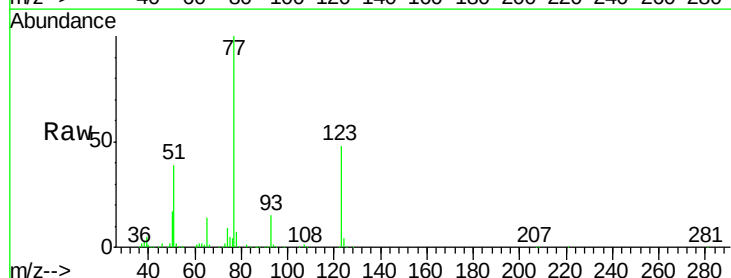
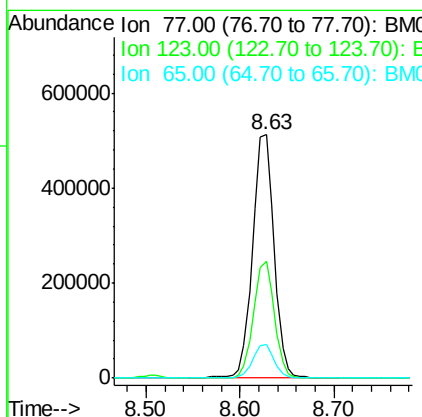
Manual Integrations
 APPROVED

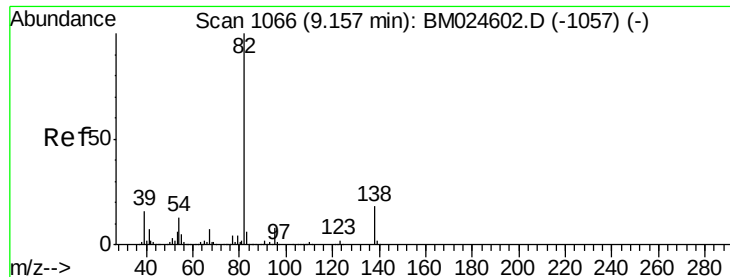
mohammad
 1/28/2020 1:14:48 PM



#24
 Nitrobenzene
 Concen: 39.603 ng
 RT: 8.63 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: BM024625.D
 Acq: 27 Jan 2020 13:20

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.3	34.6	52.0
65	13.8	11.0	16.4





#25

Isophorone

Concen: 39.775 ng

RT: 9.15 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1447012

Ion Ratio Lower Upper

82 100

95 8.5 6.7 10.1

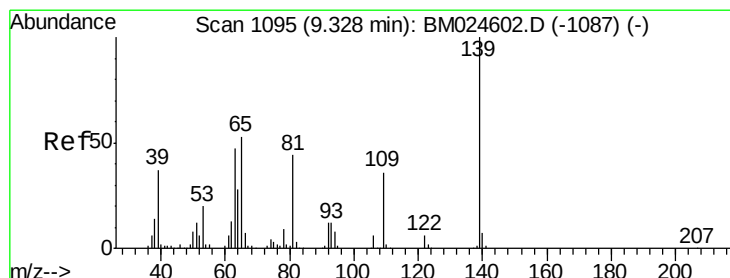
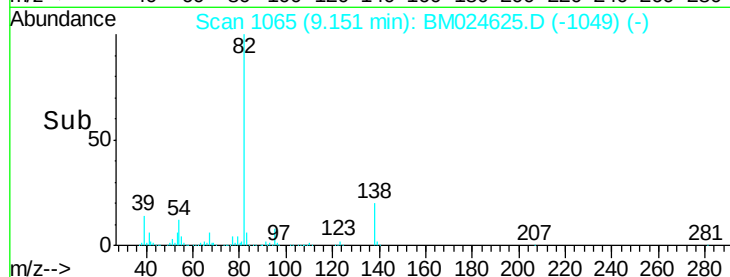
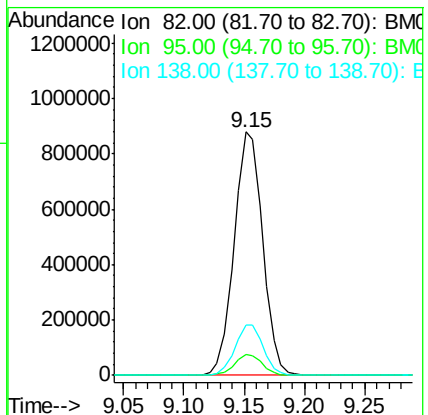
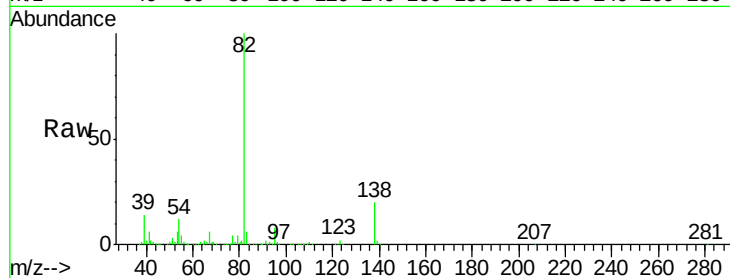
138 20.5 14.7 22.1

Manual Integrations

APPROVED

mohammad

1/28/2020 1:14:48 PM



#26

2-Nitrophenol

Concen: 44.994 ng

RT: 9.33 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

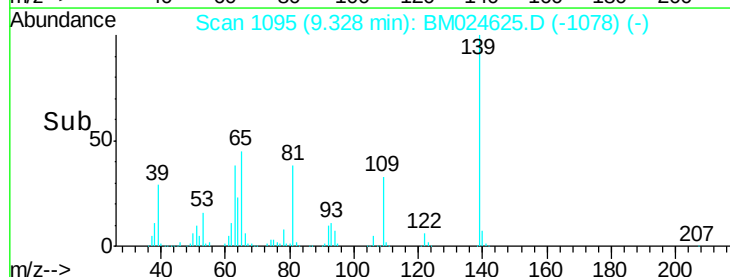
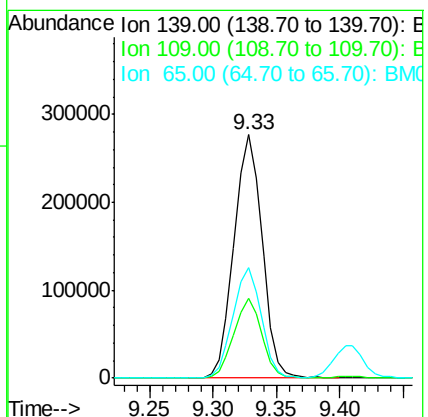
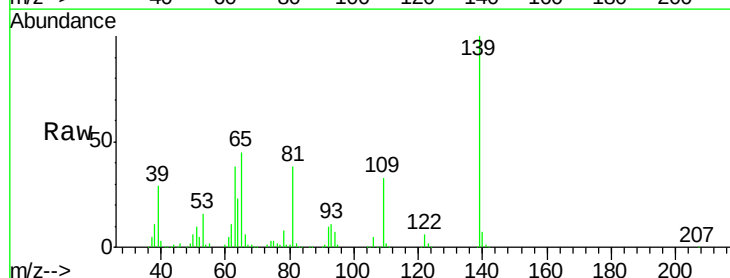
Tgt Ion: 139 Resp: 427482

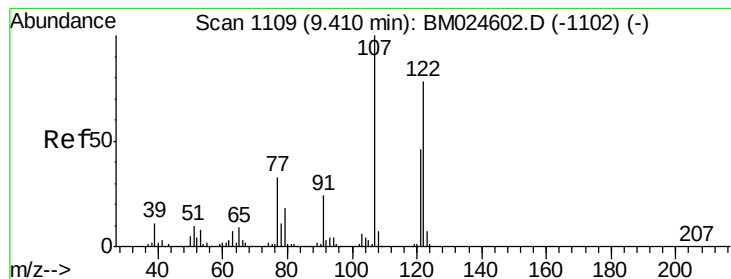
Ion Ratio Lower Upper

139 100

109 32.6 28.8 43.2

65 45.3 42.6 63.8





#27

2,4-Dimethylphenol

Concen: 43.595 ng

RT: 9.41 min Scan# 1109

Delta R.T. 0.00 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

Instrument :

BNA_M

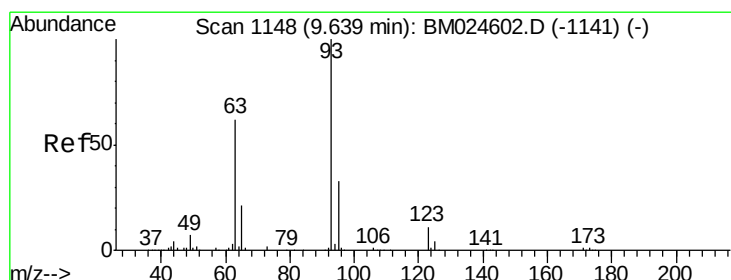
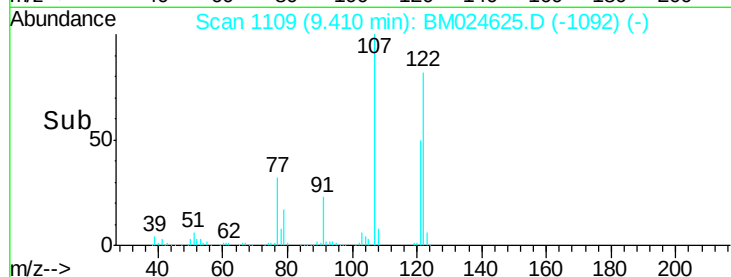
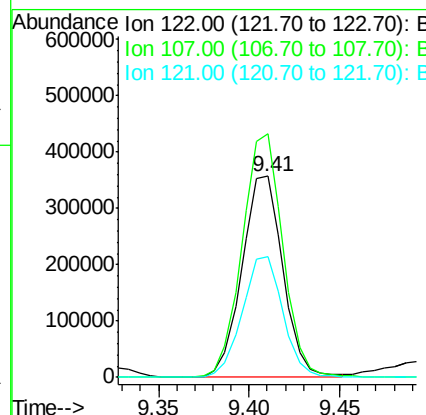
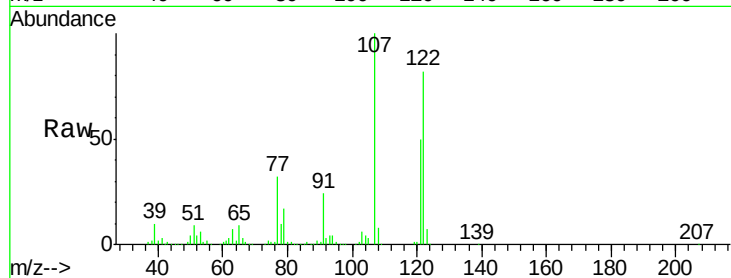
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.3	102.5	153.7
121	60.4	47.0	70.4

Manual Integrations
APPROVED

mohammad
1/28/2020 1:14:48 PM



#28

bis(2-Chloroethoxy)methane

Concen: 41.883 ng

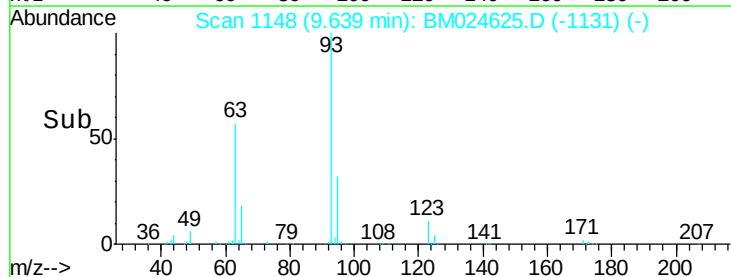
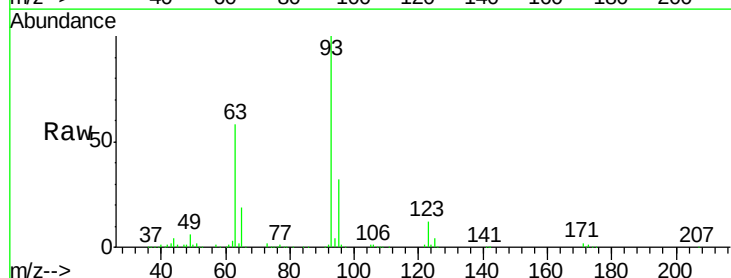
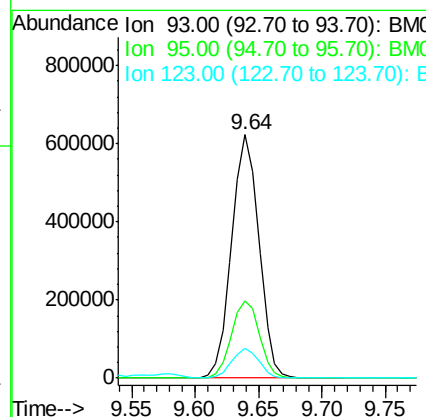
RT: 9.64 min Scan# 1148

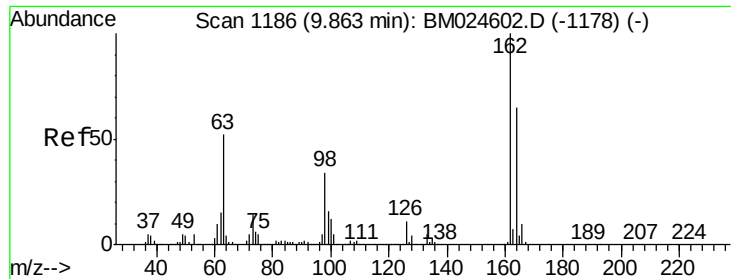
Delta R.T. 0.00 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	26.1	39.1
123	12.0	8.7	13.1





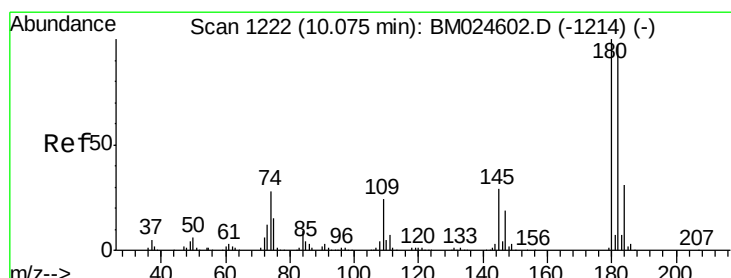
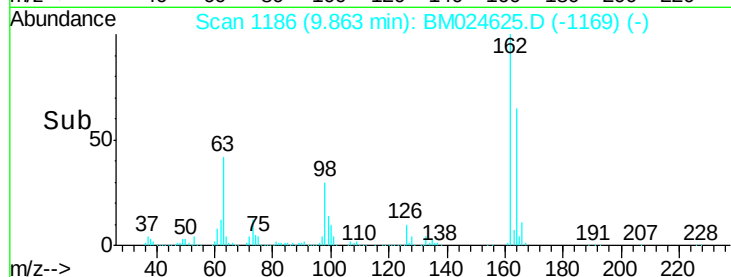
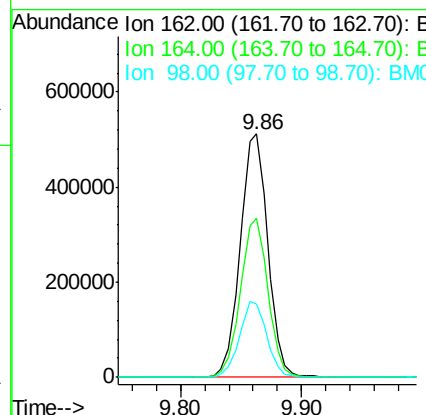
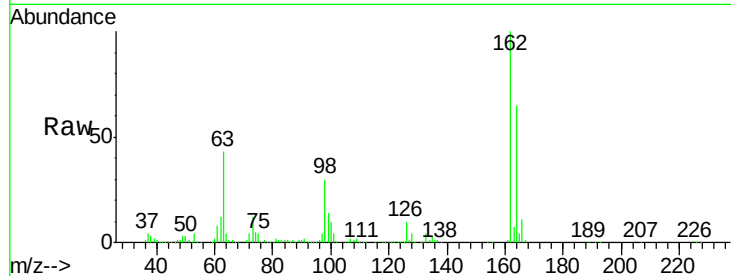
#29
 2,4-Dichlorophenol
 Concen: 46.844 ng
 RT: 9.86 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BM024625.D
 Acq: 27 Jan 2020 13:20

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	817095		
164	65.1		44.5	84.5
98	30.3		14.2	54.2

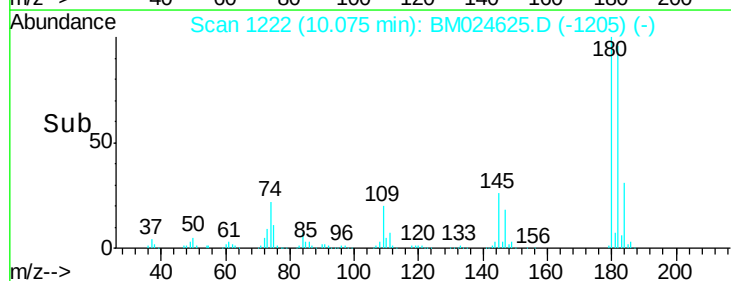
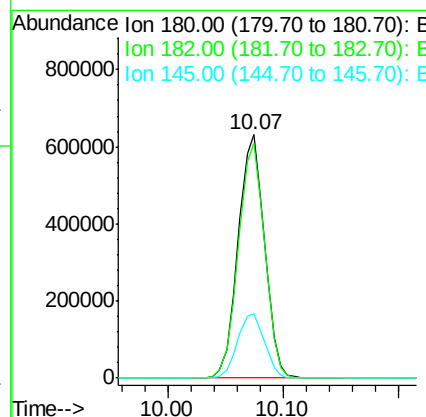
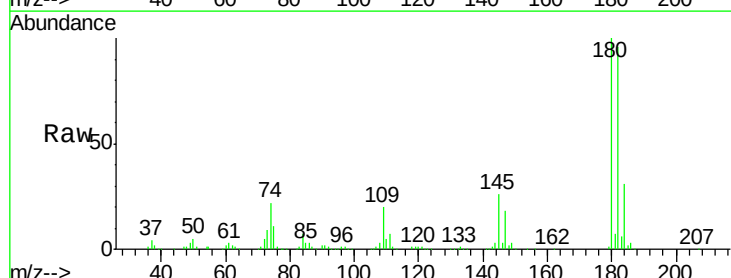
Manual Integrations
 APPROVED

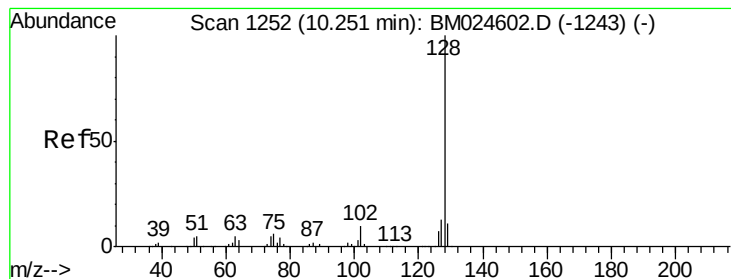
mohammad
 1/28/2020 1:14:48 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 47.355 ng
 RT: 10.07 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BM024625.D
 Acq: 27 Jan 2020 13:20

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	996210		
182	96.2		77.8	116.6
145	26.4		22.9	34.3





#31

Naphthalene

Concen: 43.939 ng

RT: 10.25 min Scan# 1252

Delta R.T. 0.00 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 2330274

Ion Ratio Lower Upper

128 100

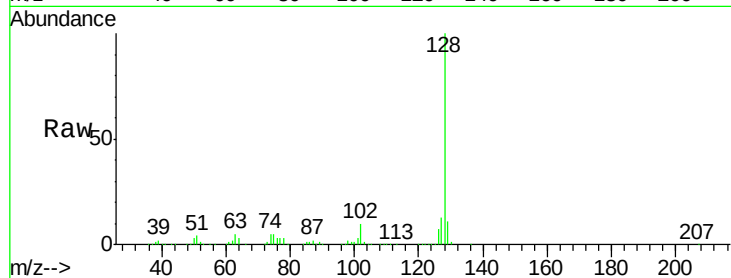
129 11.1 8.8 13.2

127 12.9 10.6 15.8

Manual Integrations
APPROVED

mohammad

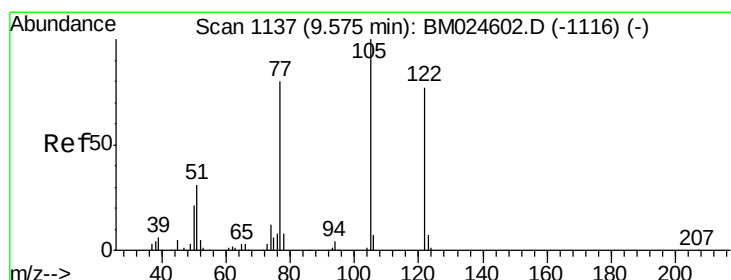
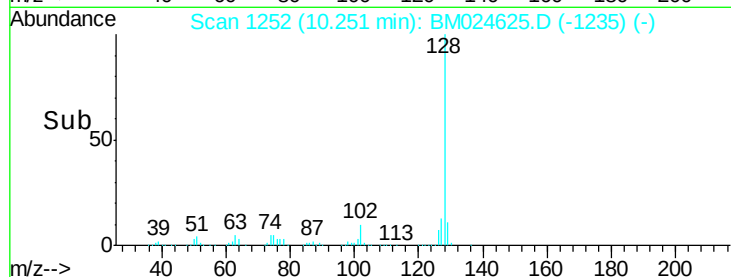
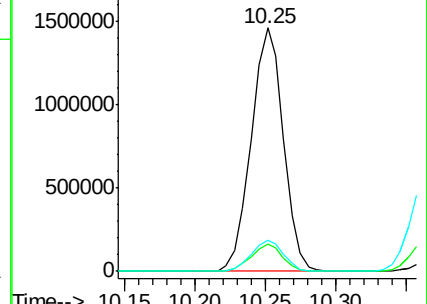
1/28/2020 1:14:48 PM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 45.124 ng m

RT: 9.58 min Scan# 1138

Delta R.T. 0.01 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

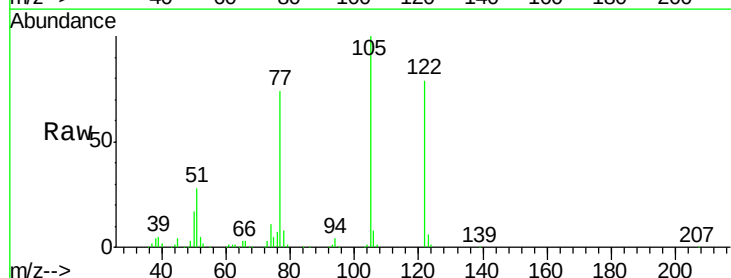
Tgt Ion:122 Resp: 532922

Ion Ratio Lower Upper

122 100

105 126.7 107.7 147.7

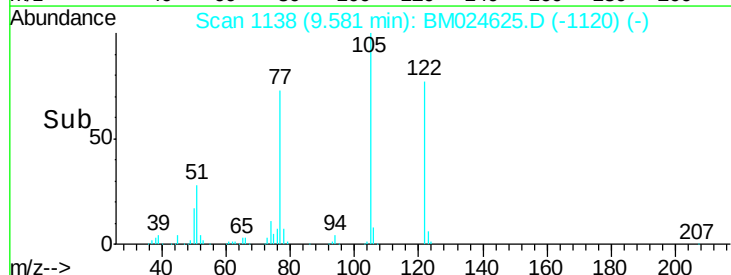
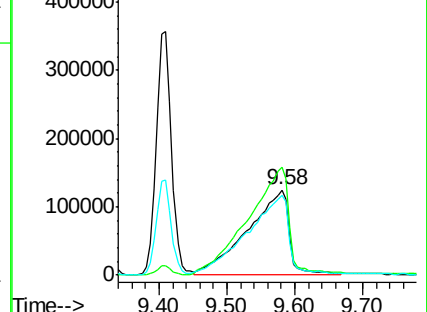
77 94.2 83.8 123.8

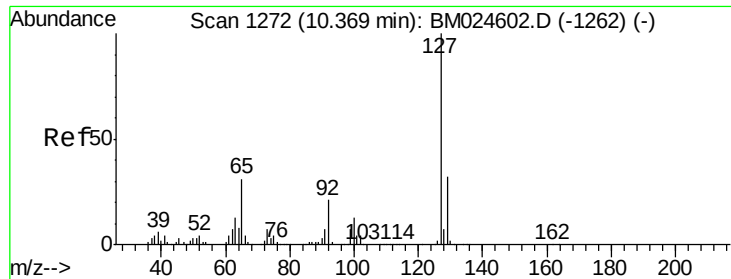


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM





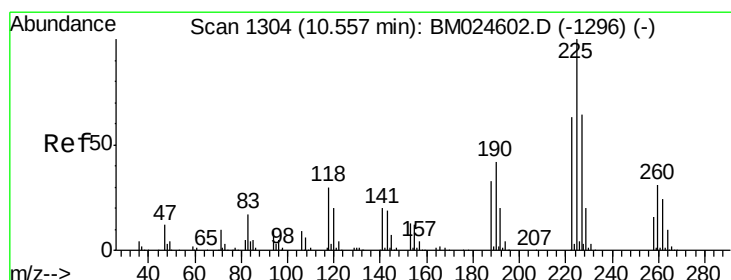
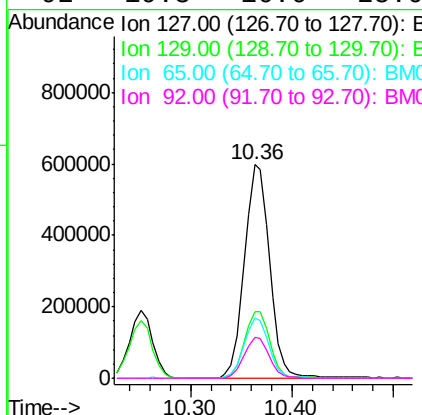
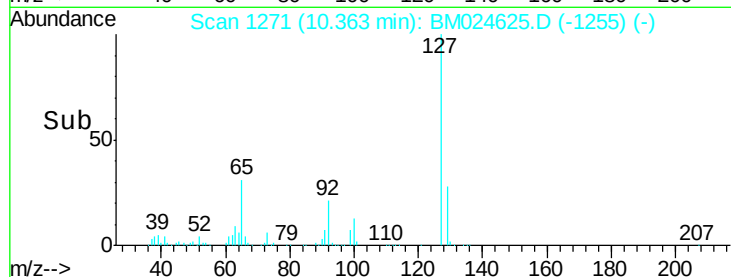
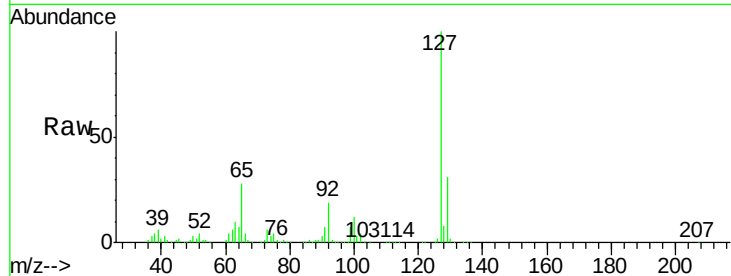
#33
4-Chloroaniline
Concen: 44.401 ng
RT: 10.36 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.4	25.9	38.9		
65	28.2	25.1	37.7		
92	19.3	16.6	25.0		

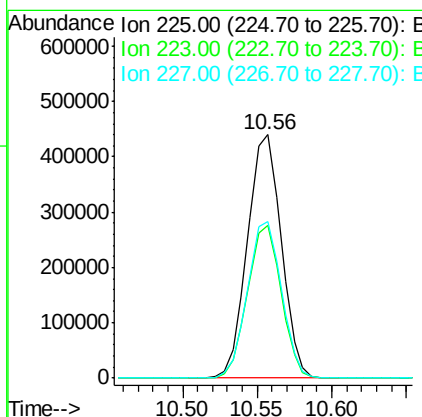
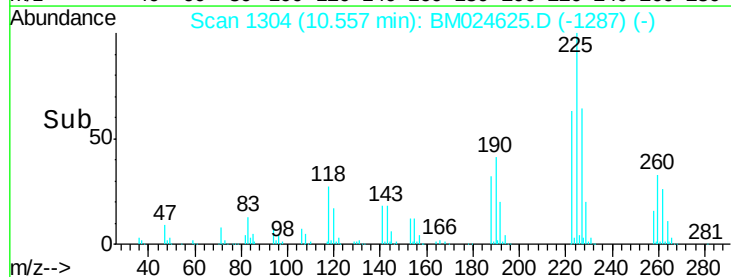
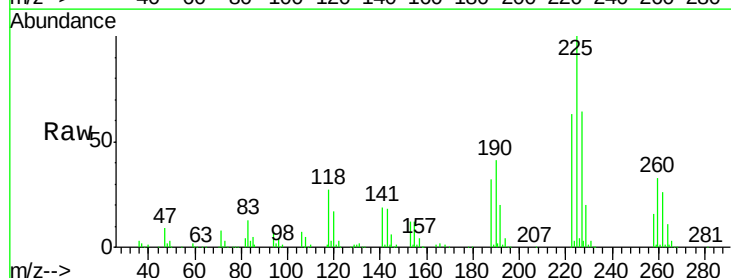
Manual Integrations
APPROVED

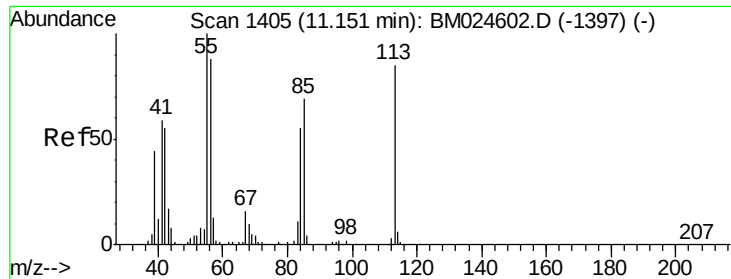
mohammad
1/28/2020 1:14:48 PM



#34
Hexachlorobutadiene
Concen: 47.401 ng
RT: 10.56 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.6	50.7	76.1		
227	64.5	51.4	77.0		





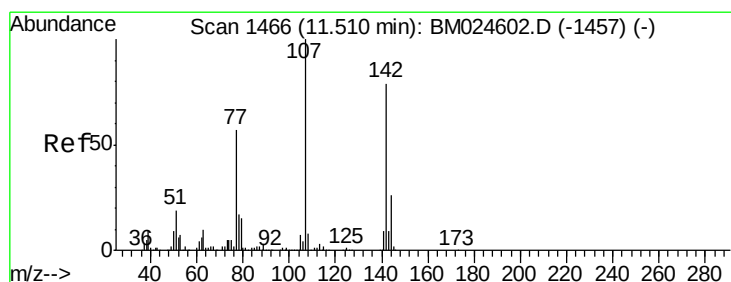
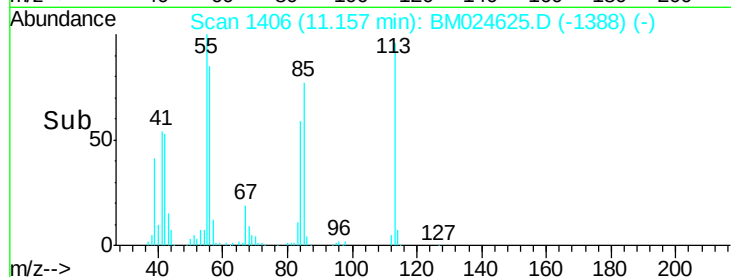
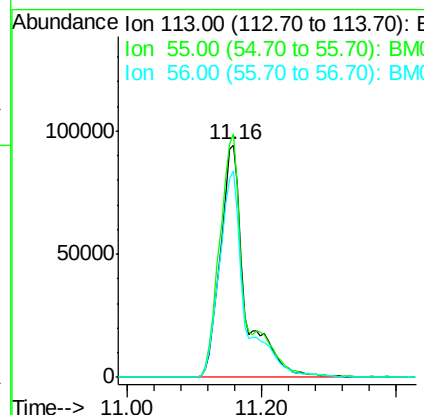
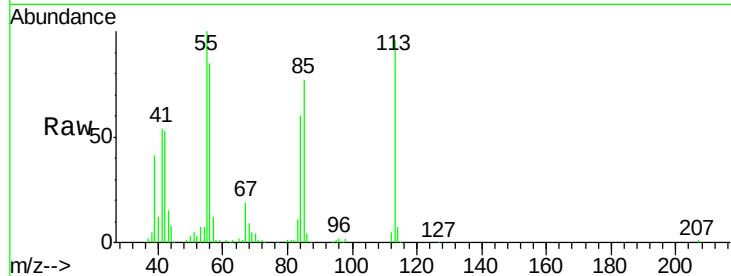
#35
 Caprolactam
 Concen: 43.755 ng/ml
 RT: 11.16 min Scan# 1406
 Delta R.T. 0.01 min
 Lab File: BM024625.D
 Acq: 27 Jan 2020 13:20

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	104.6	97.5	137.5
56	88.6	83.4	123.4

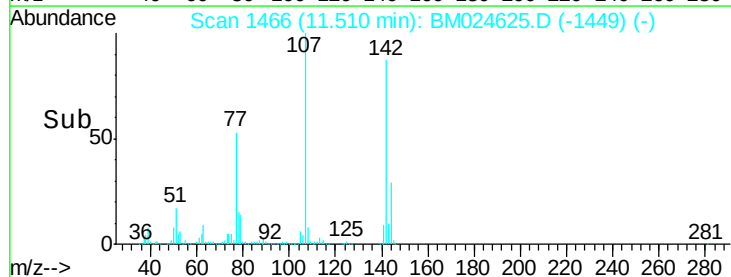
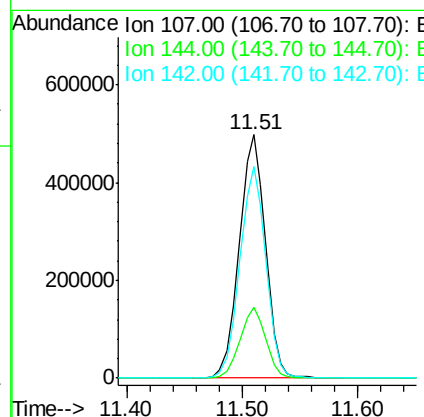
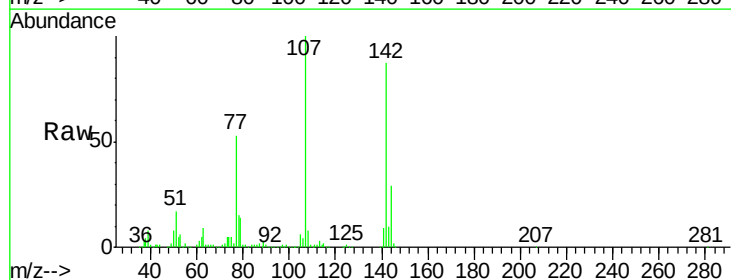
Manual Integrations
 APPROVED

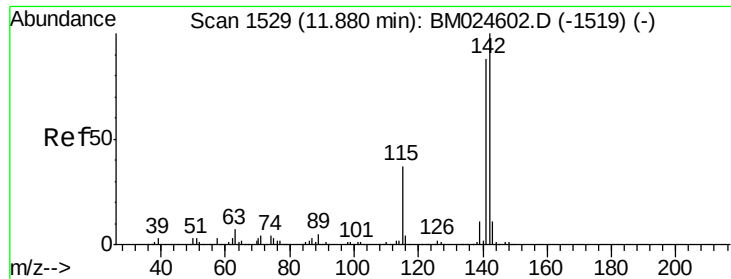
mohammad
 1/28/2020 1:14:48 PM



#36
 4-Chloro-3-methylphenol
 Concen: 42.165 ng/ml
 RT: 11.51 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BM024625.D
 Acq: 27 Jan 2020 13:20

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.8	20.5	30.7
142	86.7	62.8	94.2





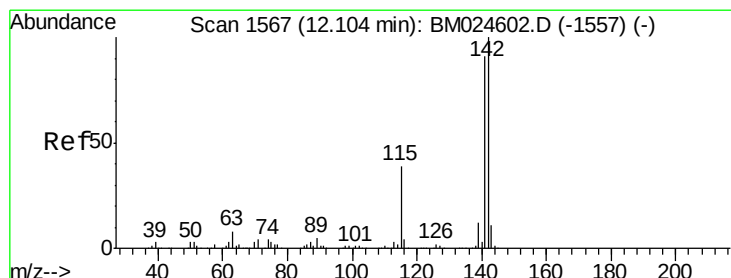
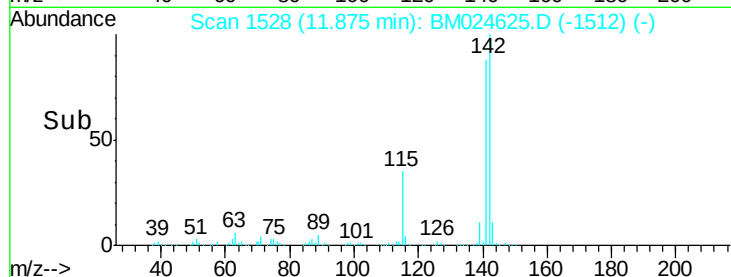
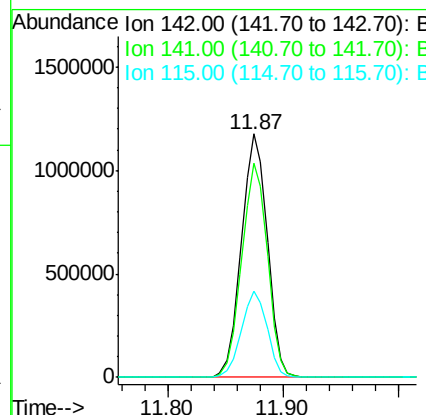
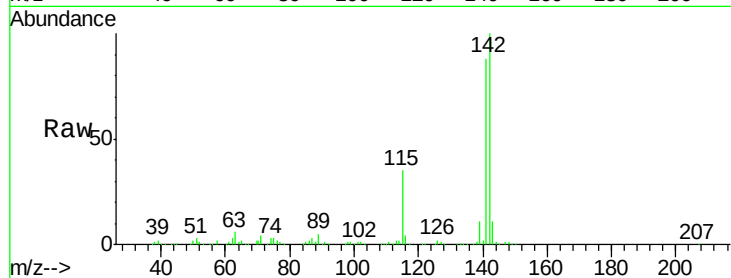
#37
2-Methylnaphthalene
Concen: 44.674 ng
RT: 11.87 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:142 Resp: 1828372
Ion Ratio Lower Upper
142 100
141 87.9 70.2 105.2
115 35.3 29.7 44.5

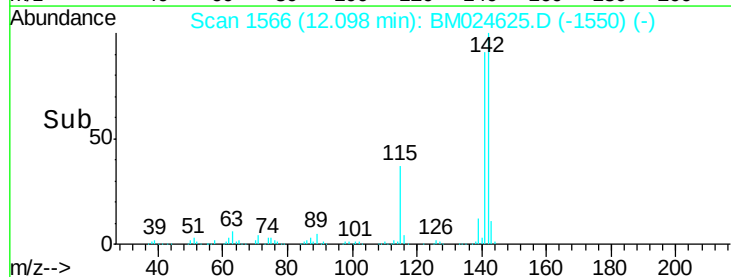
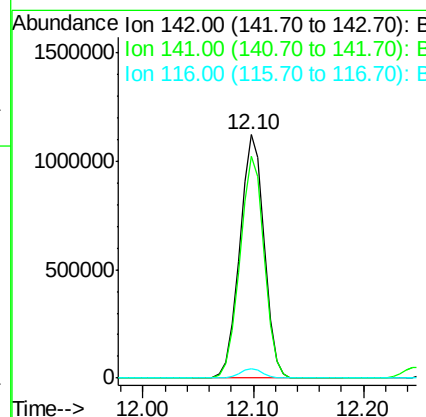
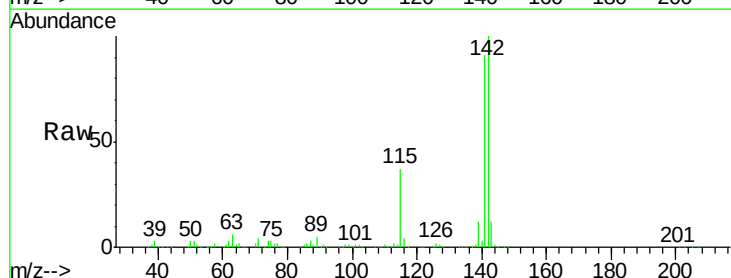
Manual Integrations
APPROVED

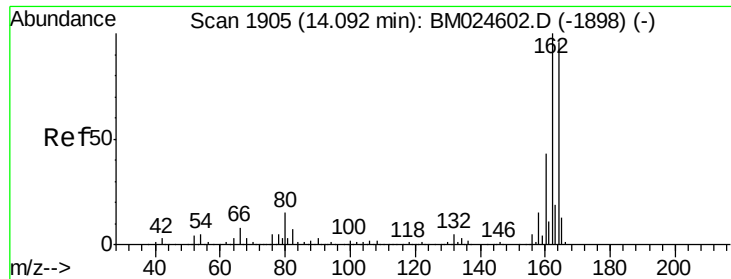
mohammad
1/28/2020 1:14:48 PM



#38
1-Methylnaphthalene
Concen: 44.669 ng
RT: 12.10 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

Tgt Ion:142 Resp: 1739012
Ion Ratio Lower Upper
142 100
141 91.1 72.8 109.2
116 3.9 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.09 min Scan# 1905

Delta R.T. 0.00 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

Instrument :

BNA_M

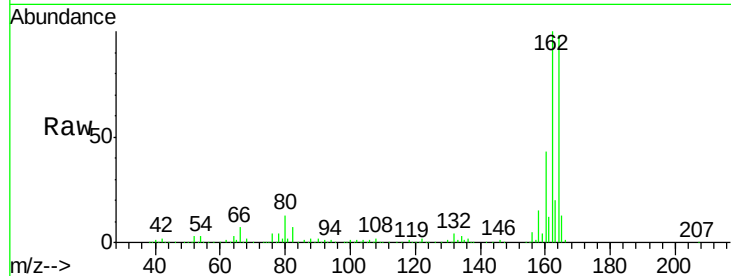
ClientSampleId :

SSTDCCC040

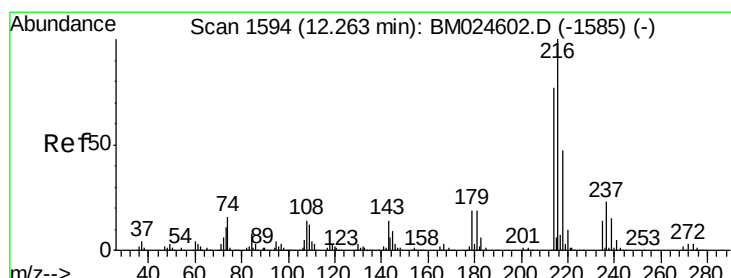
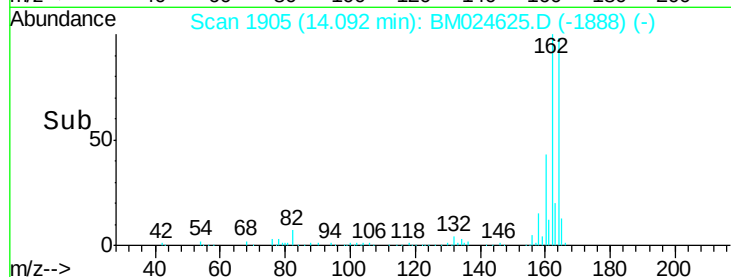
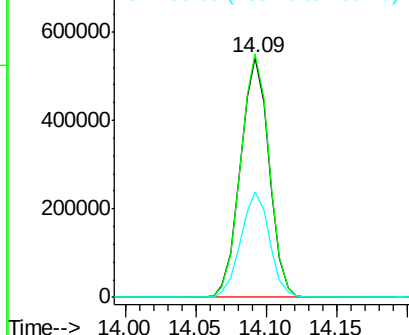
Tot Ion:	164	Resp:	768774
Ion Ratio	Lower	Upper	
164	100		
162	101.8	82.9	124.3
160	43.9	35.5	53.3

Manual Integrations
APPROVED

mohammad
1/28/2020 1:14:48 PM



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: 45.012 ng

RT: 12.26 min Scan# 1593

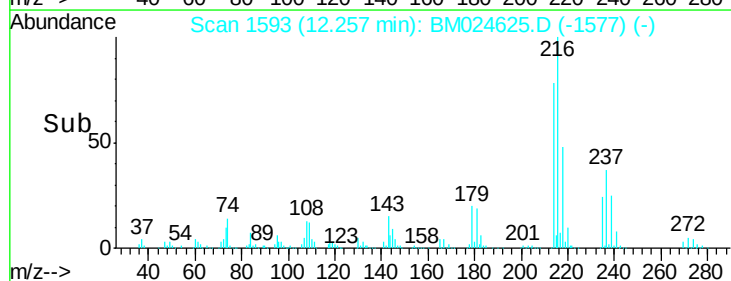
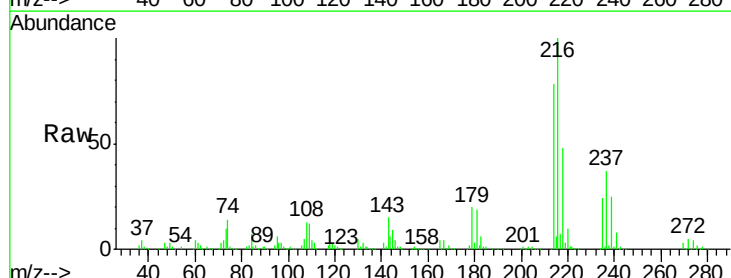
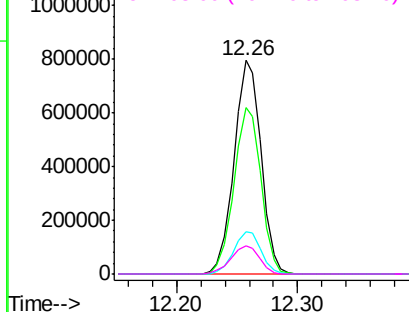
Delta R.T. -0.01 min

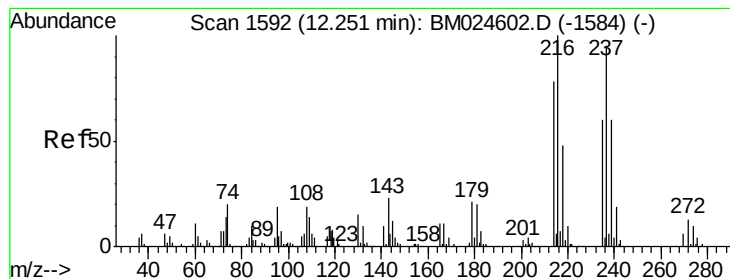
Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

Tgt Ion:	216	Resp:	1235017
Ion Ratio	Lower	Upper	
216	100		
214	78.2	62.3	93.5
179	19.9	16.1	24.1
108	14.0	13.0	19.6

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: 46.588 ng

RT: 12.25 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

Instrument :

BNA_M

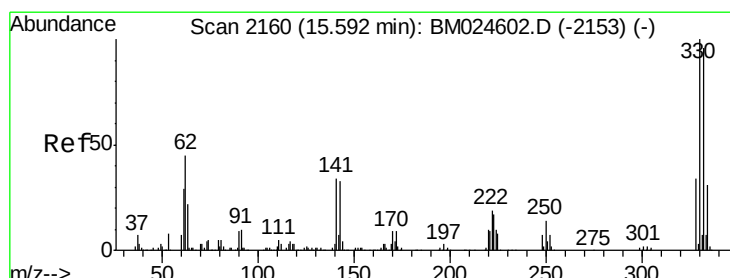
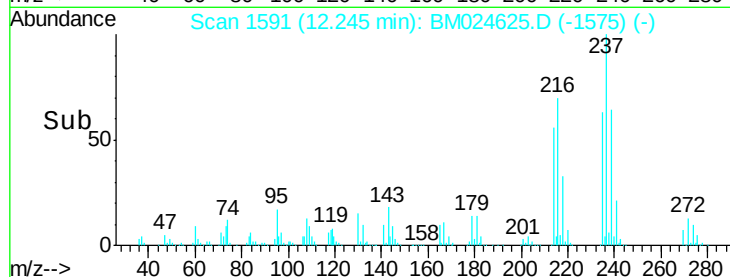
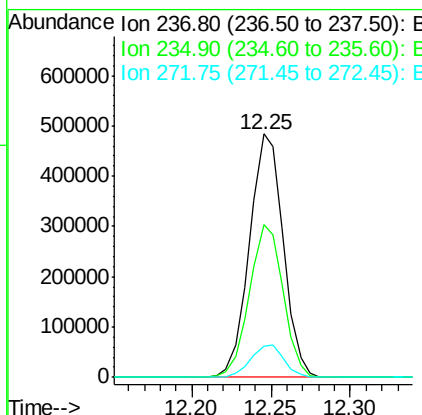
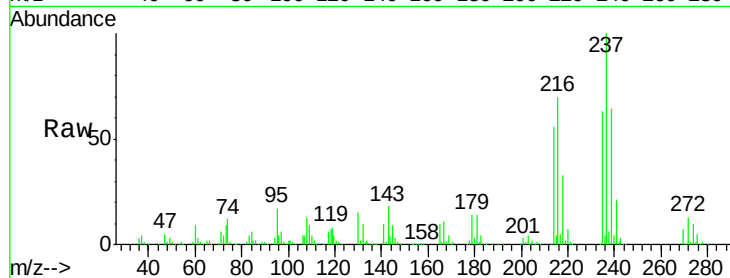
ClientSampleId :

SSTDCCC040

Tot Ion:	237	Resp:	716492
Ion Ratio	Lower	Upper	
237	100		
235	62.6	43.3	83.3
272	13.0	0.0	33.4

Manual Integrations
APPROVED

mohammad
1/28/2020 1:14:48 PM



#42

2,4,6-Tribromophenol

Concen: 94.709 ng

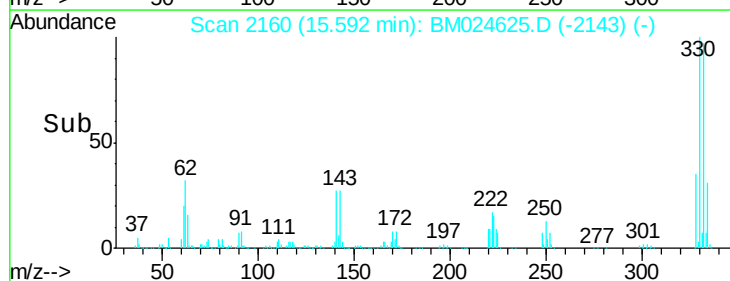
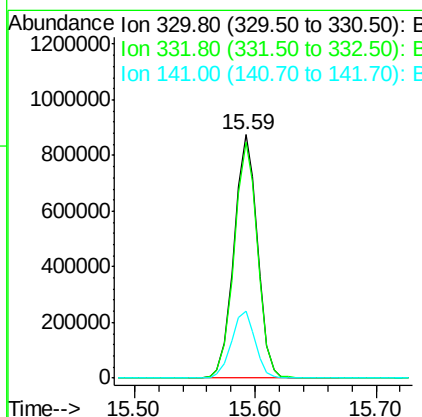
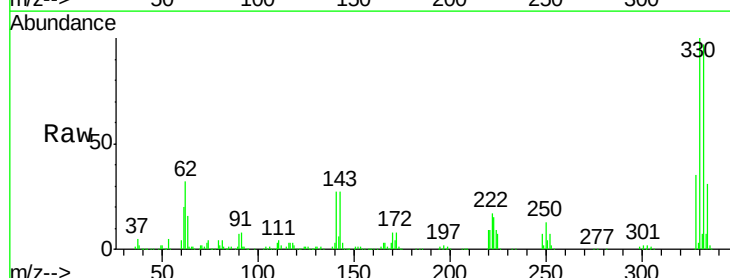
RT: 15.59 min Scan# 2160

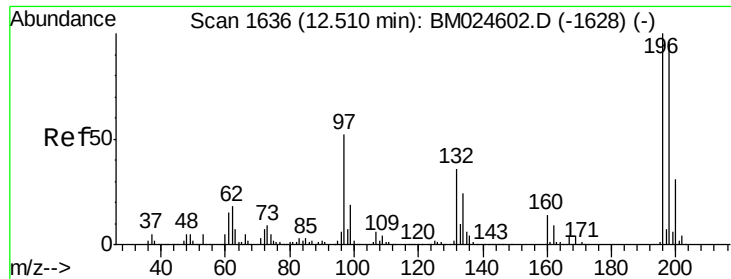
Delta R.T. 0.00 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

Tgt Ion:	330	Resp:	1184362
Ion Ratio	Lower	Upper	
330	100		
332	96.6	77.2	115.8
141	27.8	26.9	40.3





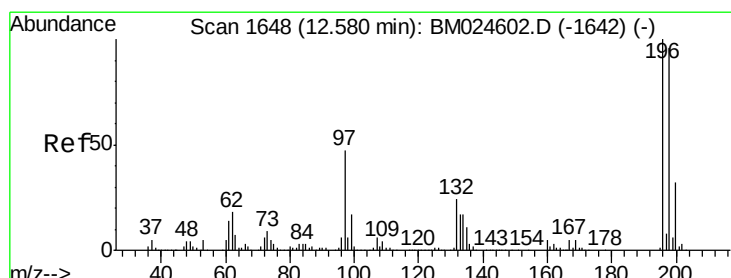
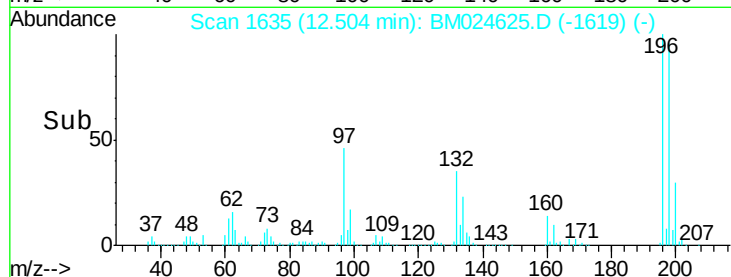
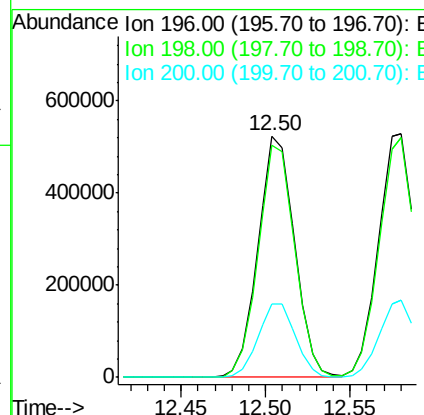
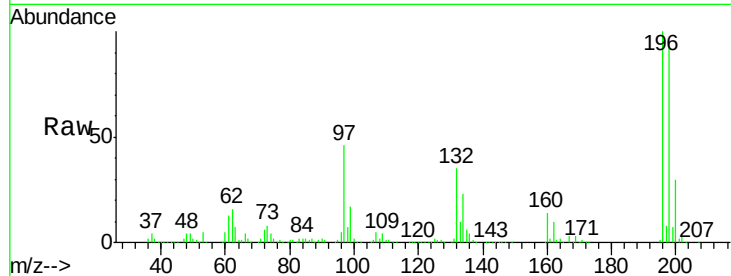
#43
 2,4,6-Trichlorophenol
 Concen: 45.080 ng
 RT: 12.50 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BM024625.D
 Acq: 27 Jan 2020 13:20

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.5	76.5	114.7
200	30.3	25.0	37.6

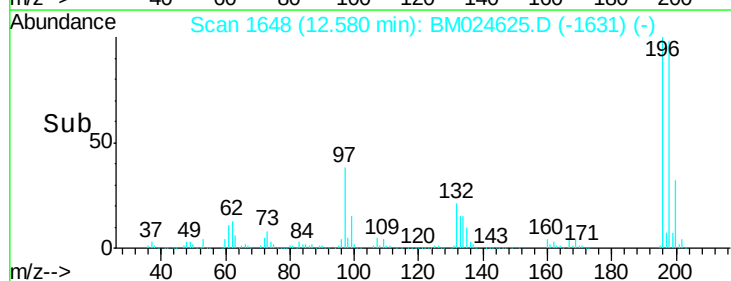
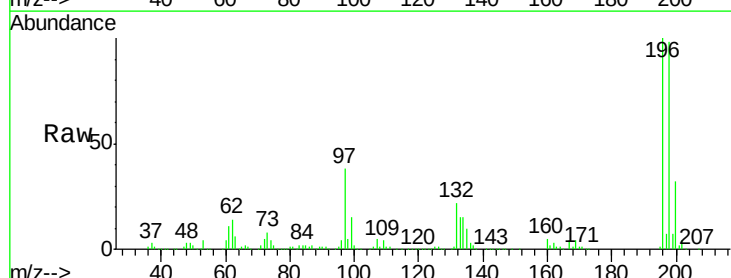
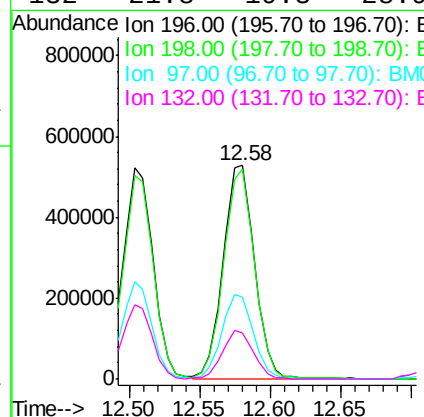
Manual Integrations
 APPROVED

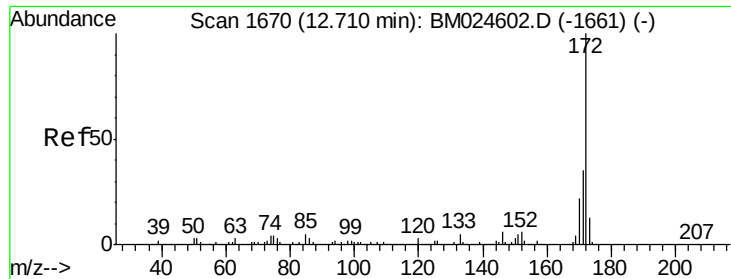
mohammad
 1/28/2020 1:14:48 PM



#44
 2,4,5-Trichlorophenol
 Concen: 45.389 ng
 RT: 12.58 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: BM024625.D
 Acq: 27 Jan 2020 13:20

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.4	77.2	115.8
97	38.5	37.4	56.0
132	21.8	19.3	28.9





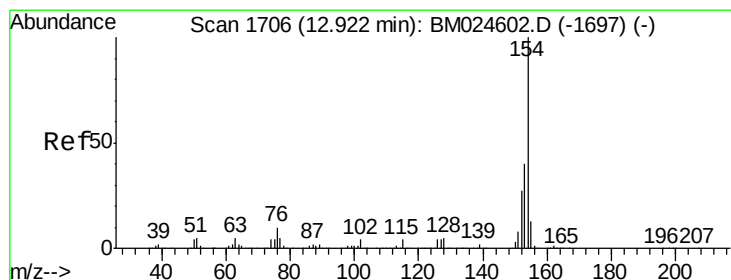
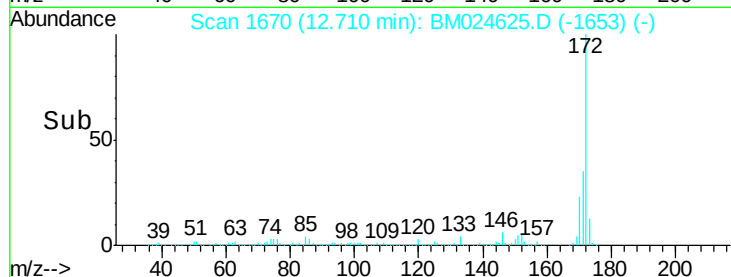
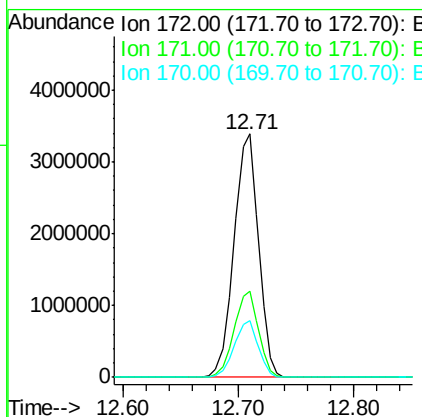
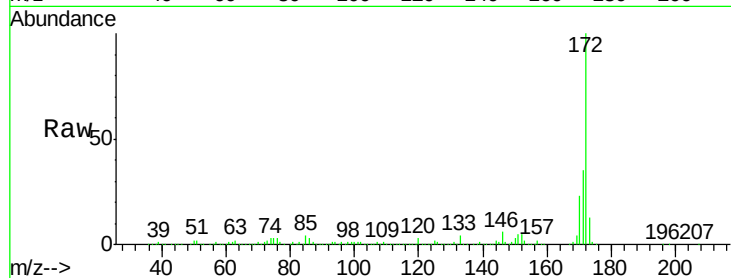
#45
2-Fluorobiphenyl
Concen: 88.021 ng
RT: 12.71 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 4977407
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.2 17.9 26.9

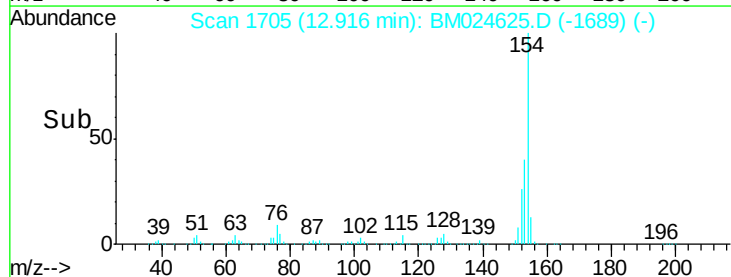
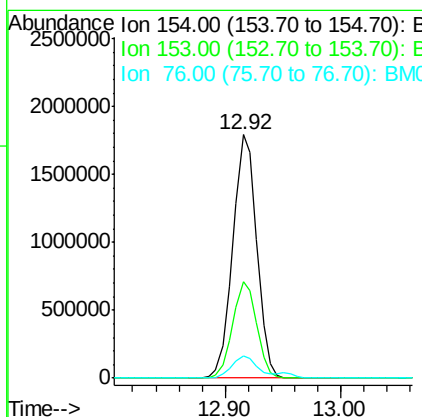
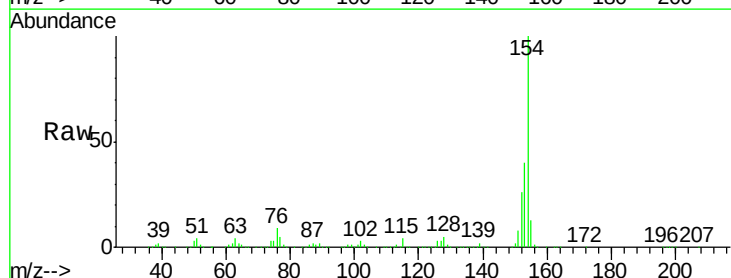
Manual Integrations
APPROVED

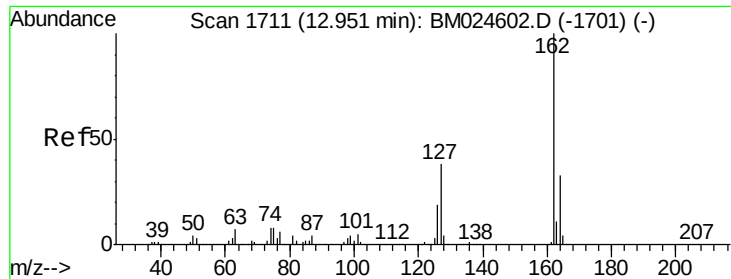
mohammad
1/28/2020 1:14:48 PM



#46
1,1'-Biphenyl
Concen: 44.140 ng
RT: 12.92 min Scan# 1705
Delta R.T. -0.01 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

Tgt Ion:154 Resp: 2568037
Ion Ratio Lower Upper
154 100
153 39.7 20.3 60.3
76 9.3 0.0 30.5





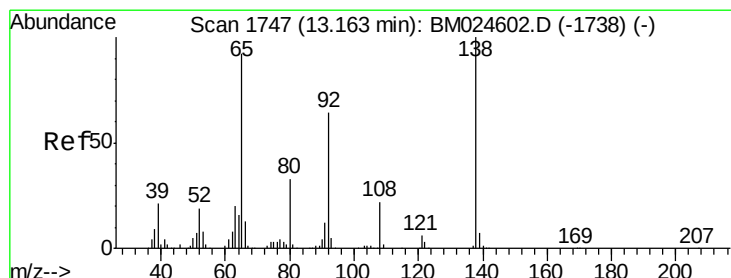
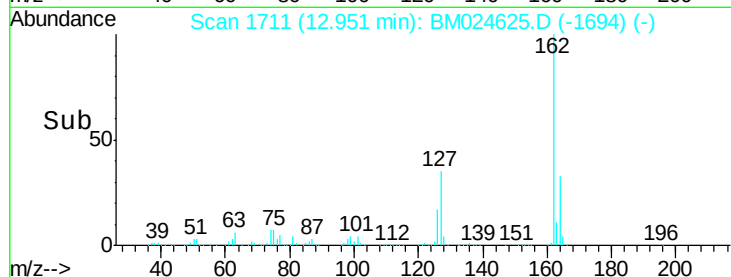
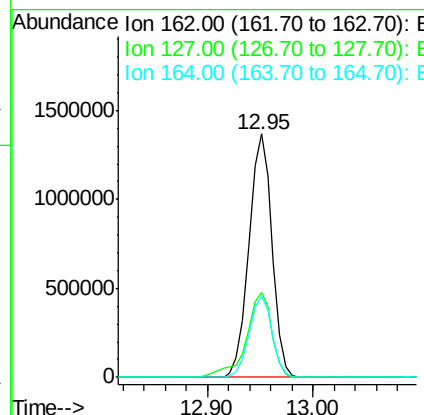
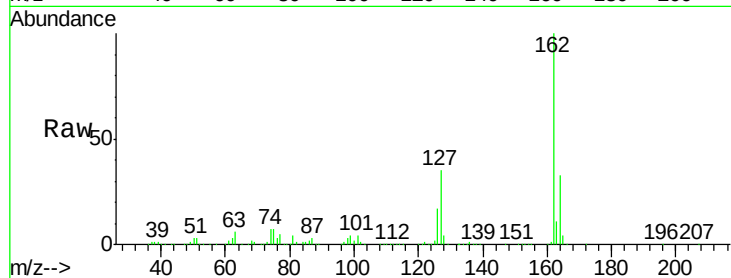
#47
 2-Chloronaphthalene
 Concen: 44.124 ng
 RT: 12.95 min Scan# 1711
 Delta R.T. 0.00 min
 Lab File: BM024625.D
 Acq: 27 Jan 2020 13:20

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	35.1	30.4	45.6
164	33.3	26.5	39.7

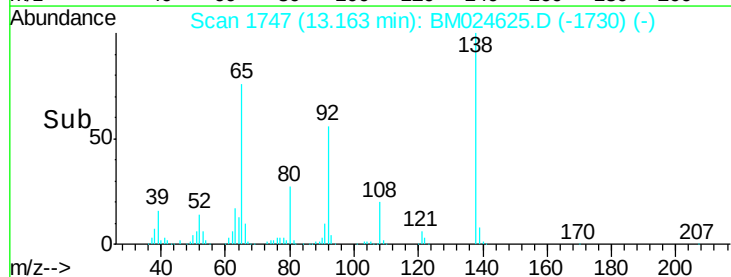
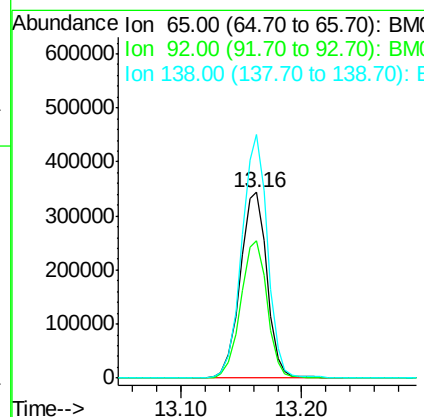
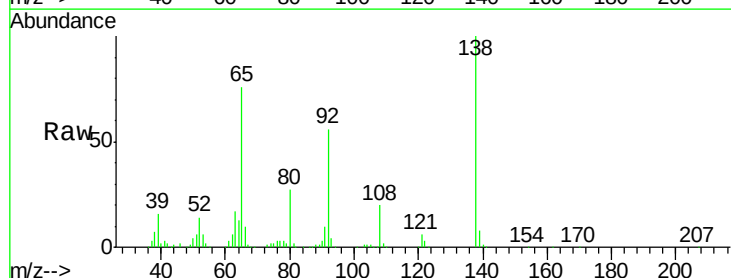
Manual Integrations
 APPROVED

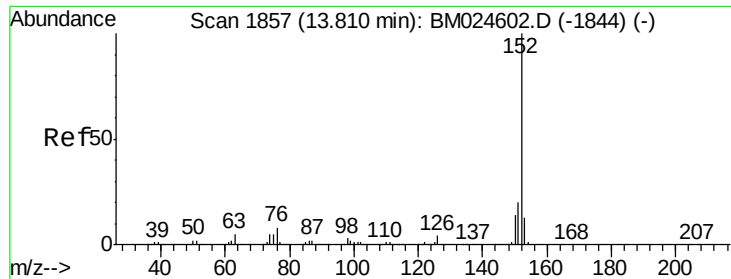
mohammad
 1/28/2020 1:14:48 PM



#48
 2-Nitroaniline
 Concen: 37.145 ng
 RT: 13.16 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: BM024625.D
 Acq: 27 Jan 2020 13:20

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.9	55.4	83.2
138	131.0	86.6	129.8





#49

Acenaphthylene

Concen: 43.926 ng

RT: 13.81 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 3088543

Ion Ratio Lower Upper

152 100

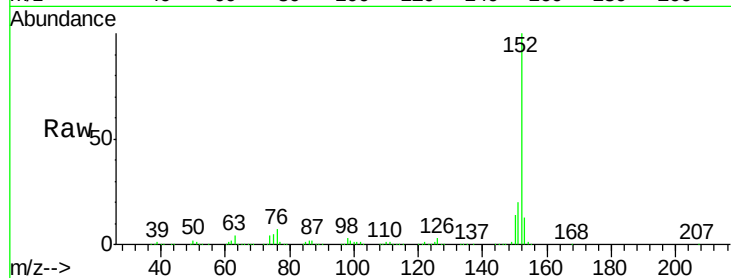
151 19.6 15.8 23.6

153 12.9 10.4 15.6

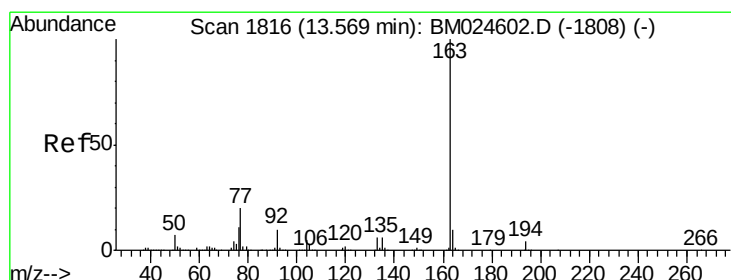
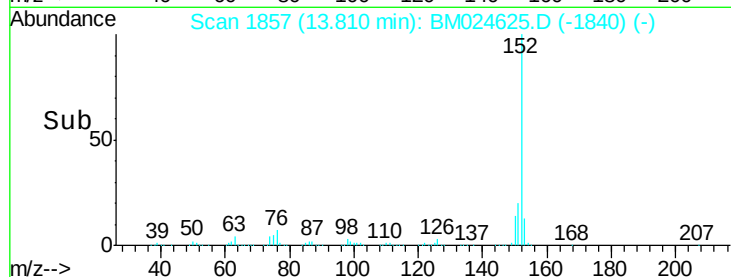
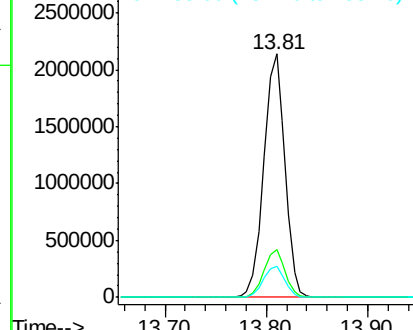
Manual Integrations
APPROVED

mohammad

1/28/2020 1:14:48 PM



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: 44.180 ng

RT: 13.57 min Scan# 1816

Delta R.T. 0.00 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

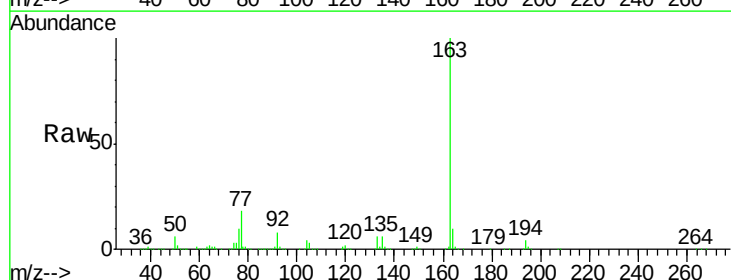
Tgt Ion:163 Resp: 2746450

Ion Ratio Lower Upper

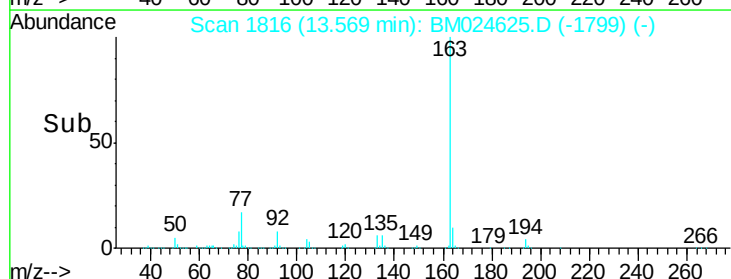
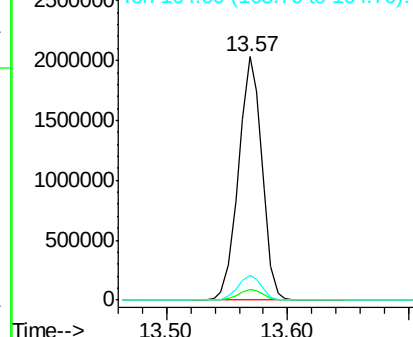
163 100

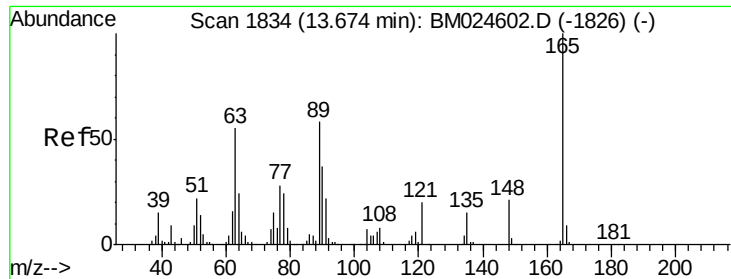
194 4.5 3.4 5.0

164 10.1 8.0 12.0



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: 45.224 ng

RT: 13.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

Instrument :

BNA_M

ClientSampled :

SSTDCCC040

Tot Ion:165 Resp: 597718
Ion Ratio Lower Upper

165 100

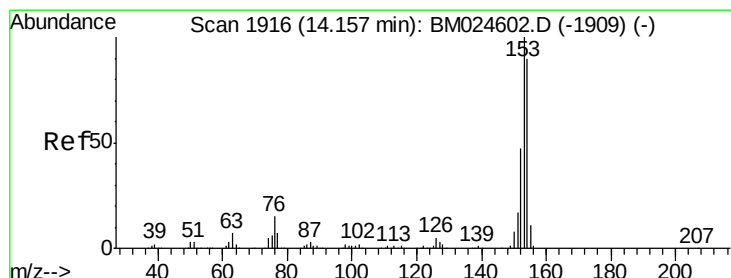
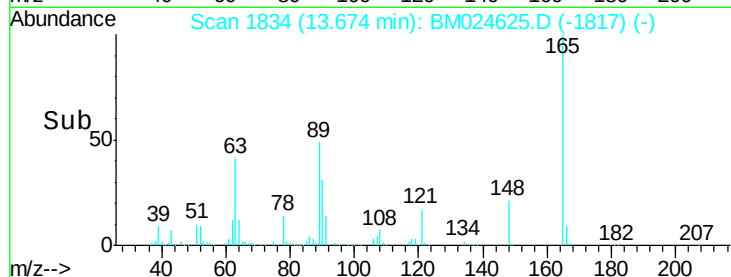
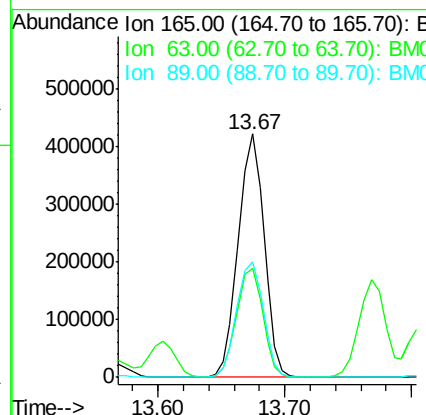
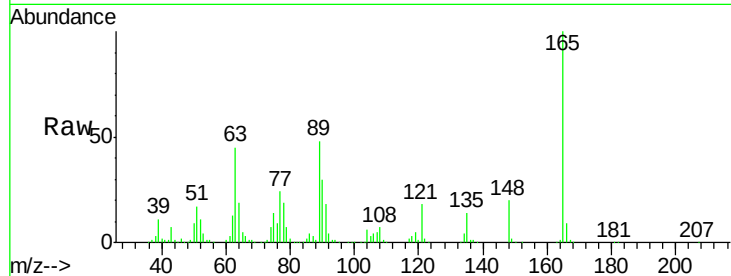
63 44.6 45.4 68.0#

89 47.6 46.6 69.8

Manual Integrations
APPROVED

mohammad

1/28/2020 1:14:48 PM



#52

Acenaphthene

Concen: 43.716 ng

RT: 14.16 min Scan# 1916

Delta R.T. 0.00 min

Lab File: BM024625.D

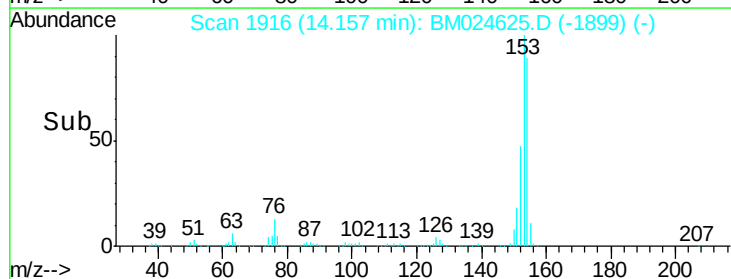
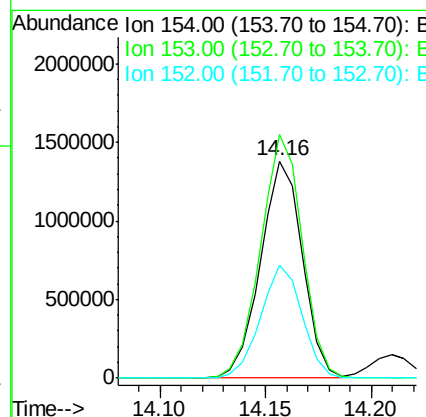
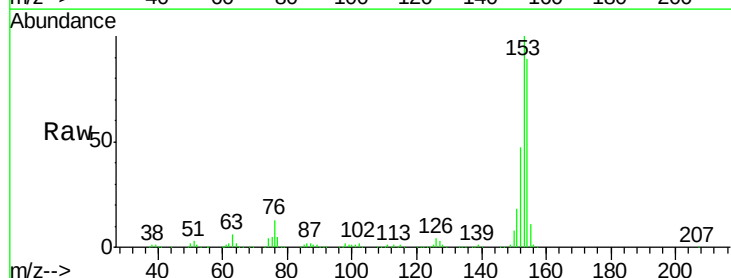
Acq: 27 Jan 2020 13:20

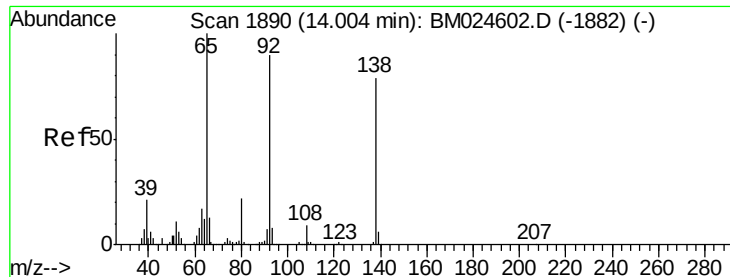
Tgt Ion:154 Resp: 1907354
Ion Ratio Lower Upper

154 100

153 112.2 89.1 133.7

152 52.4 41.9 62.9





#53

3-Nitroaniline

Concen: 43.267 ng

RT: 14.00 min Scan# 1890

Delta R.T. 0.00 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

Instrument :

BNA_M

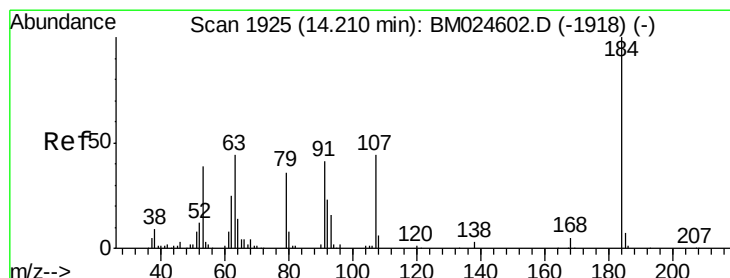
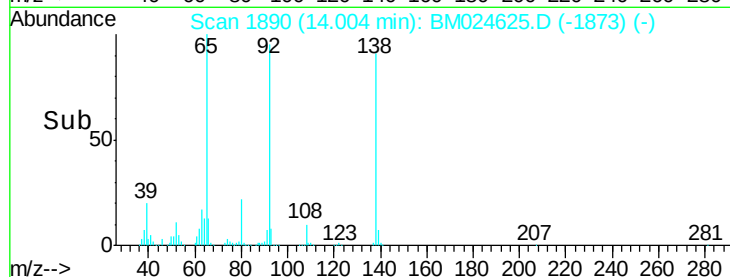
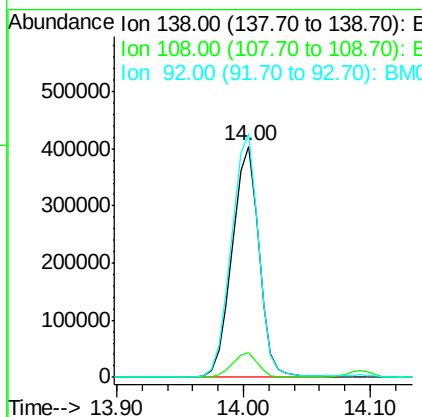
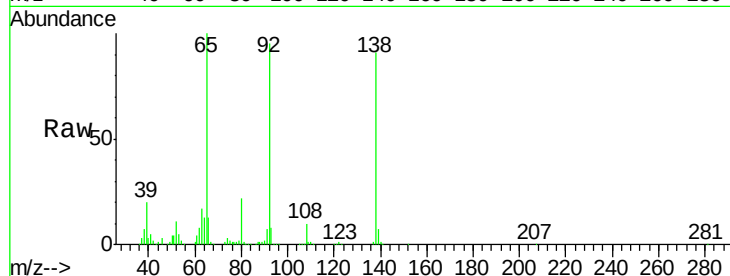
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	8.7	13.1
92	105.4	91.0	136.4

Manual Integrations
APPROVED

mohammad
1/28/2020 1:14:48 PM



#54

2,4-Dinitrophenol

Concen: 45.817 ng

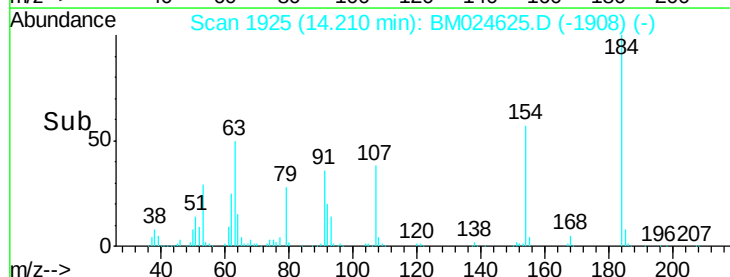
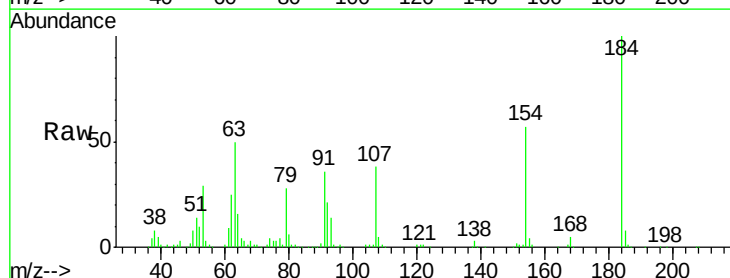
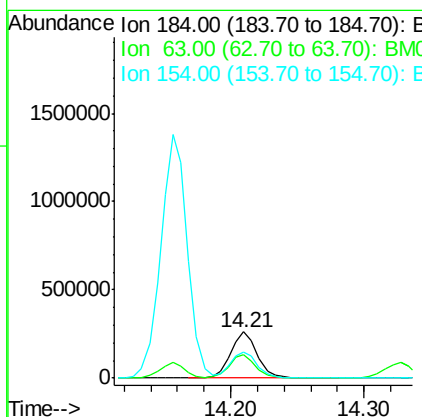
RT: 14.21 min Scan# 1925

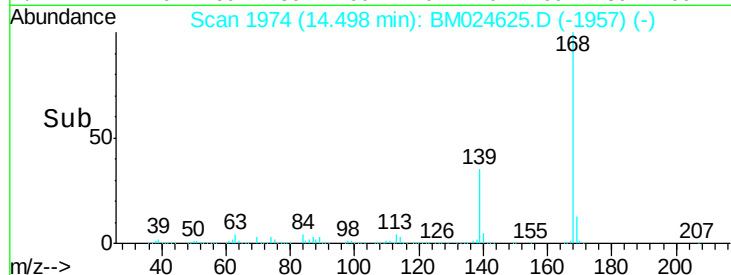
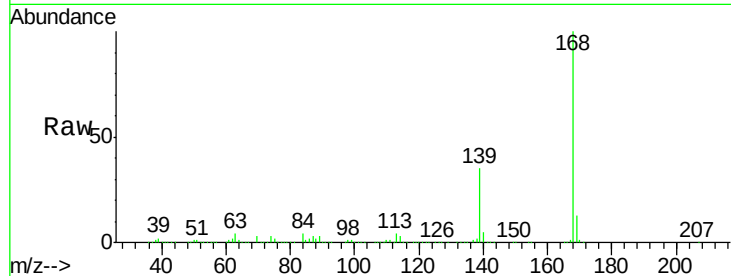
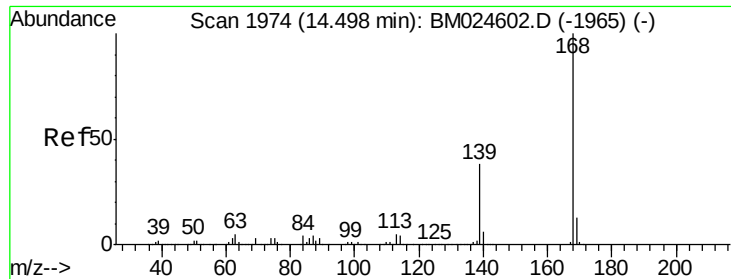
Delta R.T. 0.00 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

Tgt Ion	Ratio	Lower	Upper
184	100		
63	50.3	51.8	77.8#
154	57.2	50.2	75.4





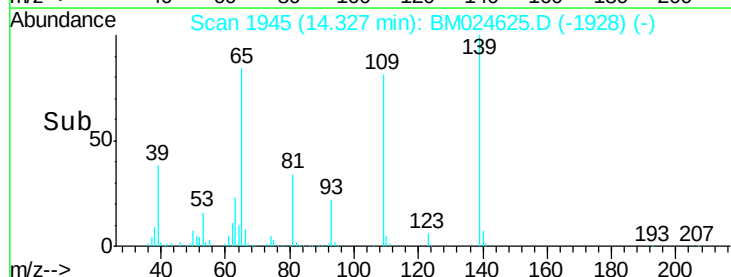
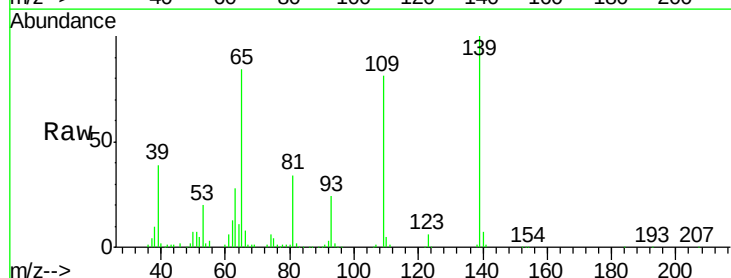
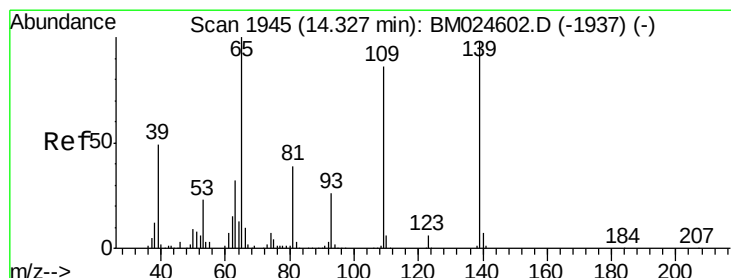
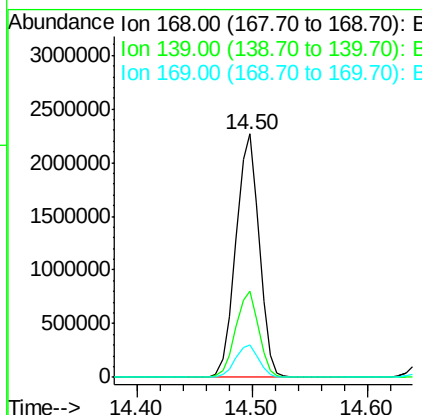
#55
Dibenzofuran
Concen: 44.490 ng
RT: 14.50 min Scan# 1974
Delta R.T. 0.00 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 3165744
Ion Ratio Lower Upper
168 100
139 35.3 30.2 45.4
169 13.1 10.7 16.1

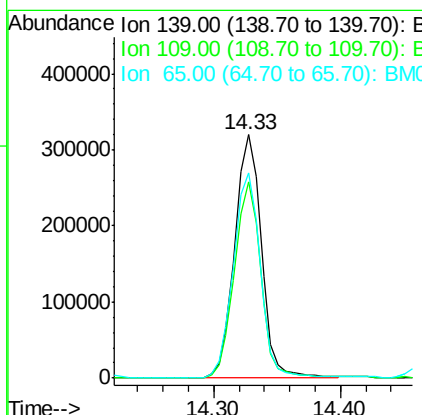
Manual Integrations
APPROVED

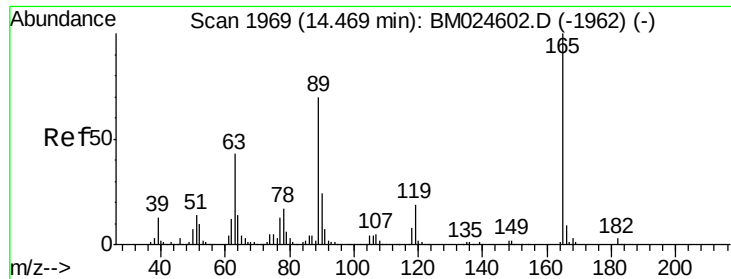
mohammad
1/28/2020 1:14:48 PM



#56
4-Nitrophenol
Concen: 43.608 ng
RT: 14.33 min Scan# 1945
Delta R.T. 0.00 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

Tgt Ion:139 Resp: 467283
Ion Ratio Lower Upper
139 100
109 80.8 67.4 107.4
65 84.2 82.1 122.1





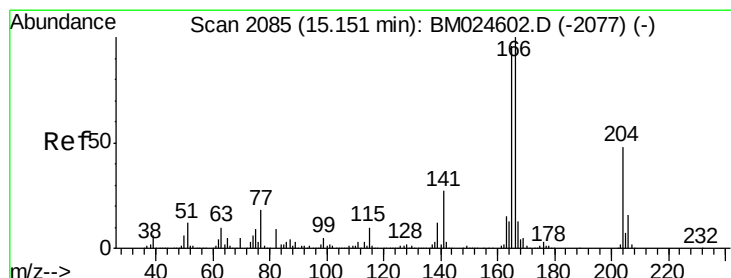
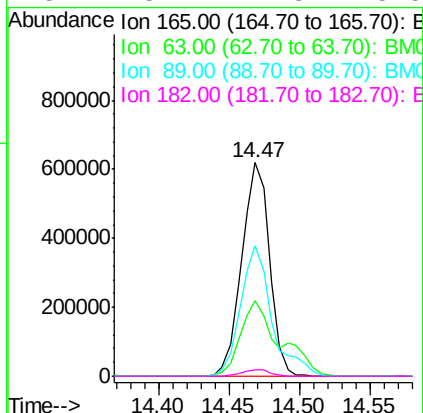
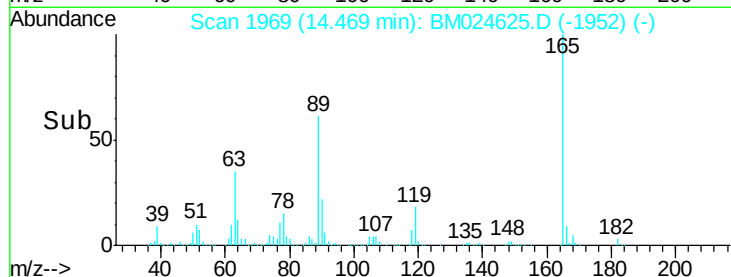
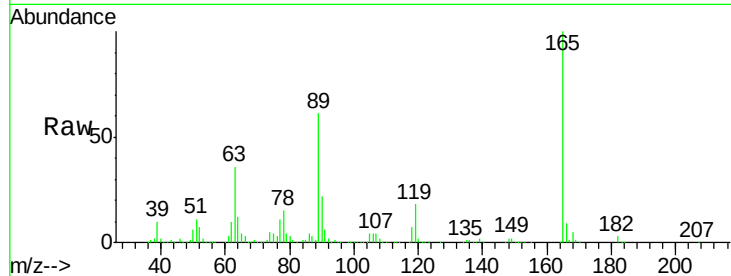
#57
 2,4-Dinitrotoluene
 Concen: 44.985 ng
 RT: 14.47 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: BM024625.D
 Acq: 27 Jan 2020 13:20

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		852102		
63	35.6		34.5	51.7	
89	61.1		55.8	83.8	
182	3.2		2.3	3.5	

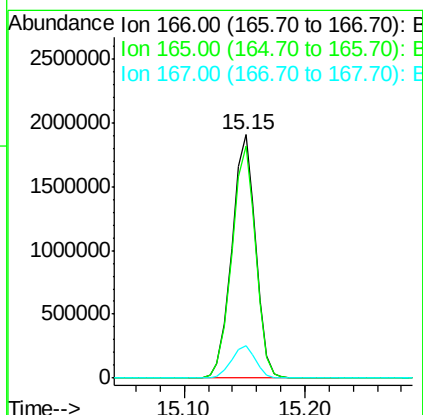
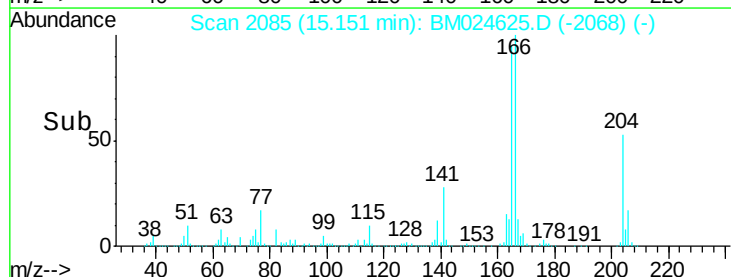
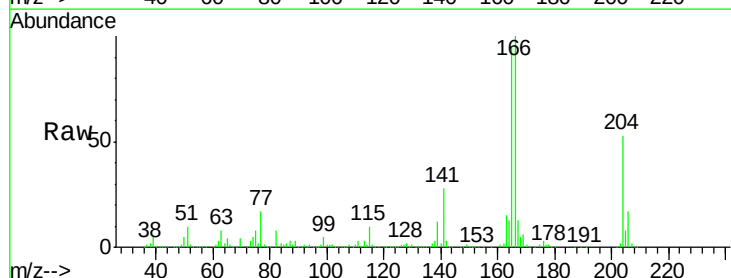
Manual Integrations
 APPROVED

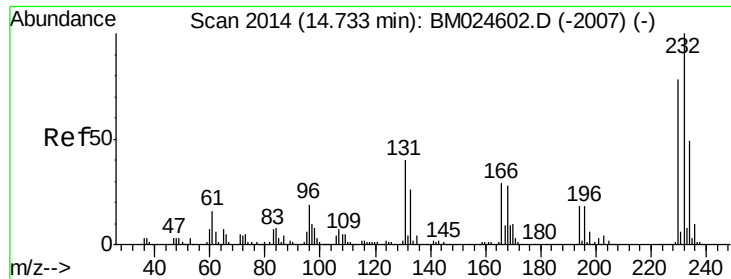
mohammad
 1/28/2020 1:14:48 PM



#58
 Fluorene
 Concen: 43.599 ng
 RT: 15.15 min Scan# 2085
 Delta R.T. 0.00 min
 Lab File: BM024625.D
 Acq: 27 Jan 2020 13:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		2607102		
165	95.3		76.6	114.8	
167	13.2		10.8	16.2	





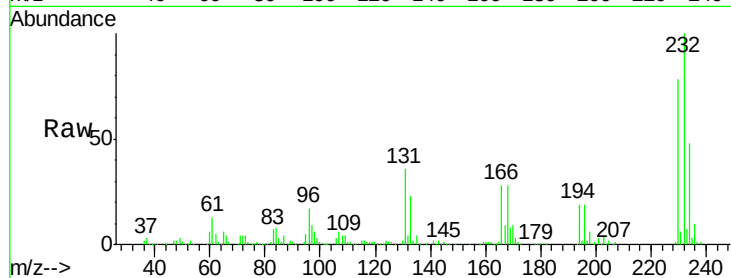
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.305 ng
RT: 14.73 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

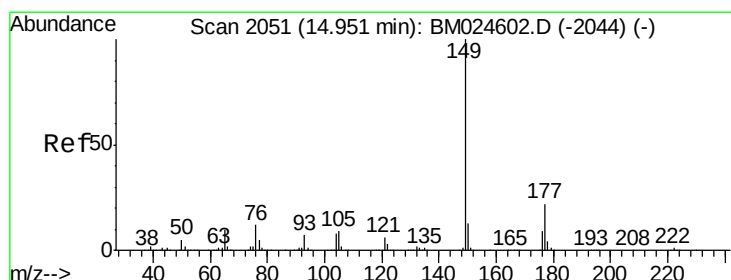
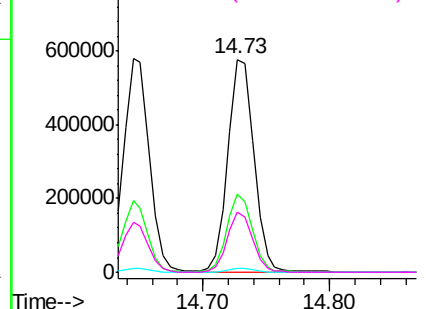
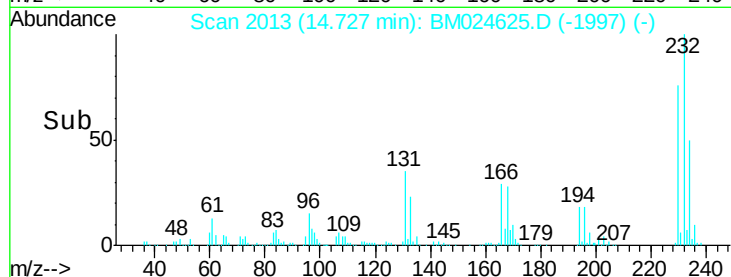
Tot Ion	Ratio	Resp	Lower	Upper
232	100	819254		
131	35.8	32.2	48.4	
130	1.9	1.9	2.9	
166	27.4	23.4	35.0	

Manual Integrations
APPROVED

mohammad
1/28/2020 1:14:48 PM

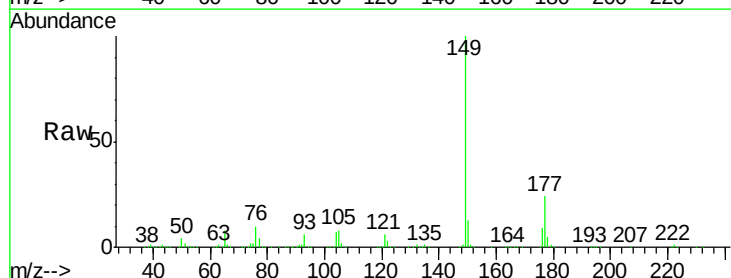


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

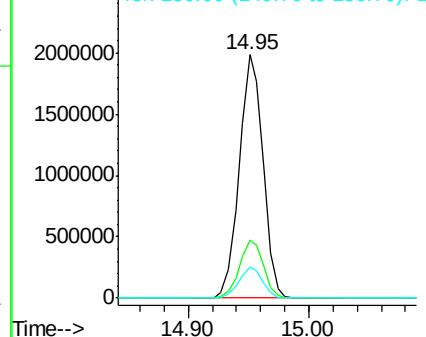
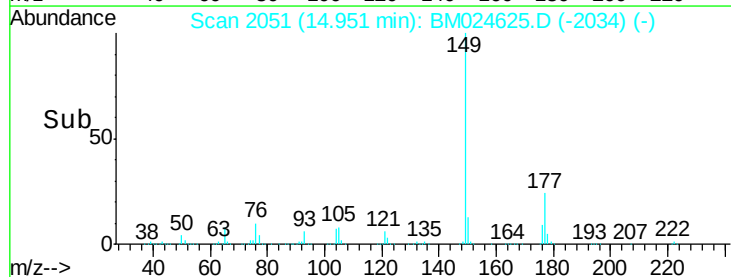


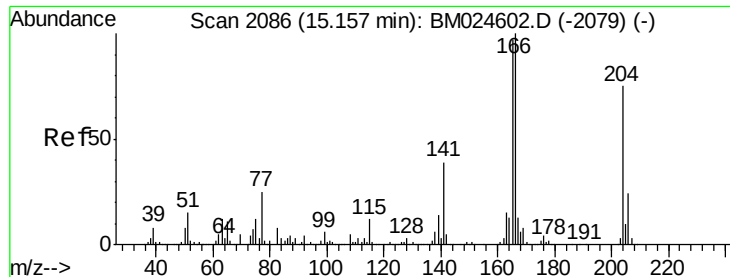
#60
Diethylphthalate
Concen: 42.869 ng
RT: 14.95 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	2705503		
177	23.8	18.0	27.0	
150	13.0	10.2	15.4	



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





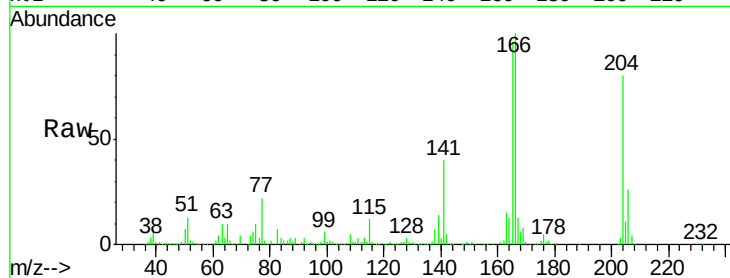
#61
 4-Chlorophenyl-phenylether
 Concen: 43.466 ng
 RT: 15.16 min Scan# 2086
 Delta R.T. 0.00 min
 Lab File: BM024625.D
 Acq: 27 Jan 2020 13:20

Instrument :
 BNA_M
 ClientSampleId :
 SSTCCCC040

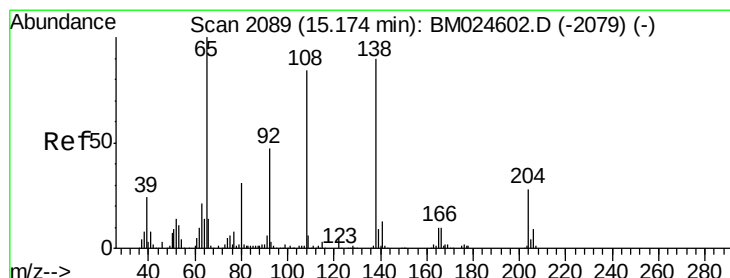
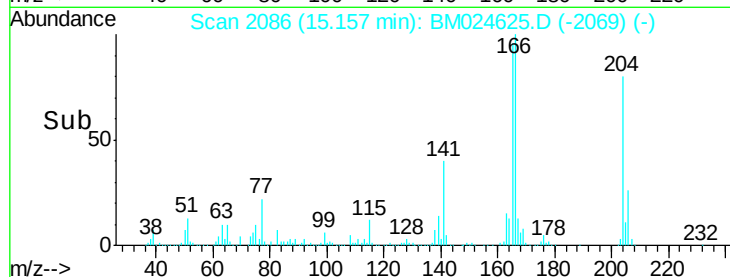
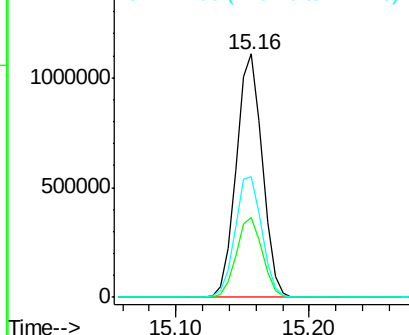
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.2	39.2
141	49.7	42.2	63.2

Manual Integrations
 APPROVED

mohammad
 1/28/2020 1:14:48 PM



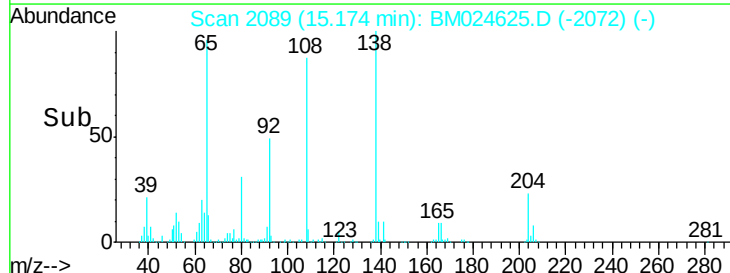
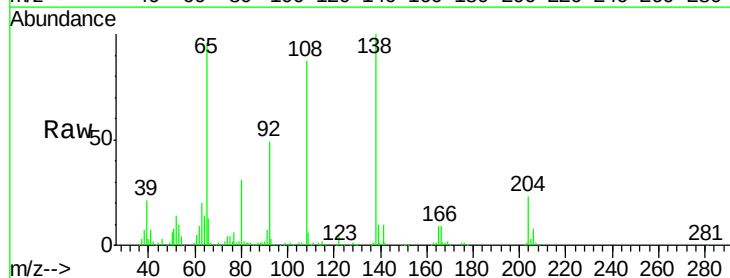
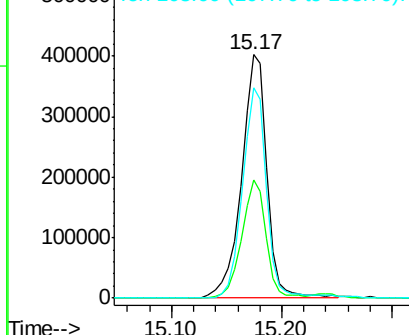
Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

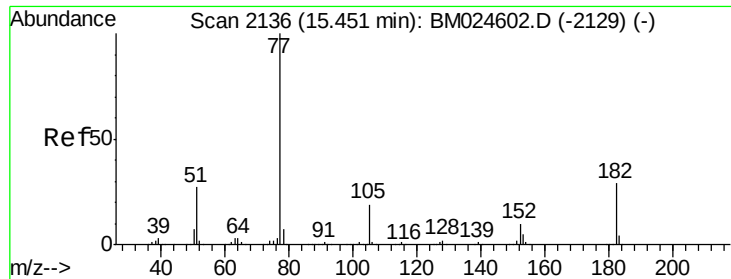


#62
 4-Nitroaniline
 Concen: 42.996 ng
 RT: 15.17 min Scan# 2089
 Delta R.T. 0.00 min
 Lab File: BM024625.D
 Acq: 27 Jan 2020 13:20

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.8	32.4	72.4
108	86.6	73.3	113.3

Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BM0
 Ion 108.00 (107.70 to 108.70): E





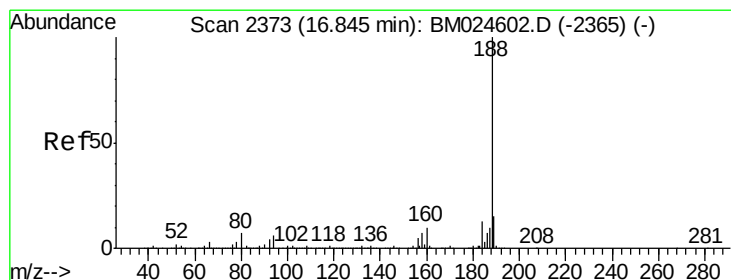
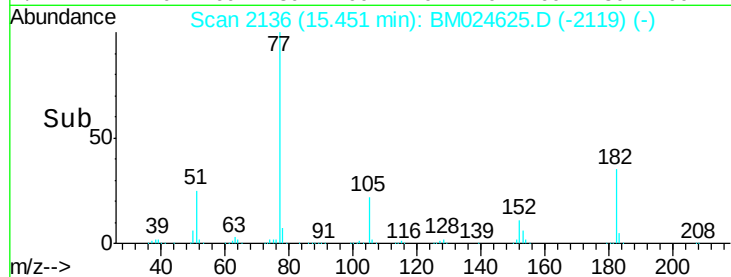
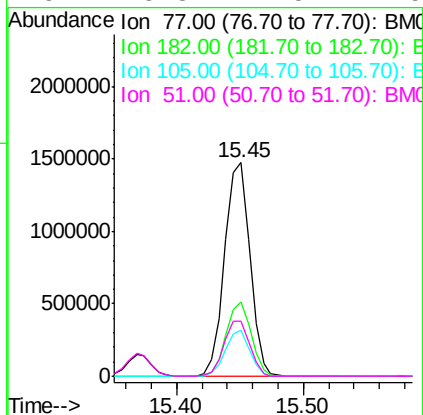
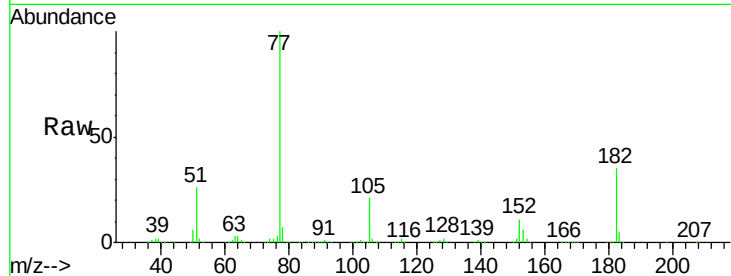
#63
Azobenzene
Concen: 37.904 ng
RT: 15.45 min Scan# 2136
Delta R.T. 0.00 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	35.0	8.7	48.7	
105	21.5	0.0	39.2	
51	25.8	7.5	47.5	

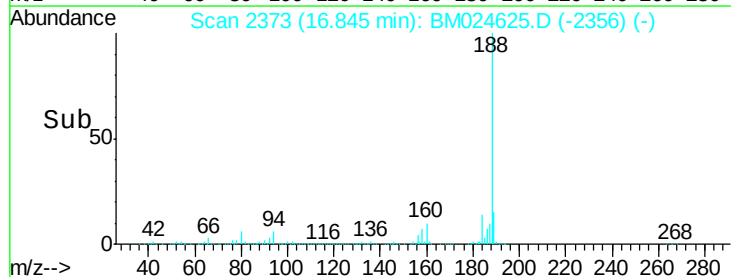
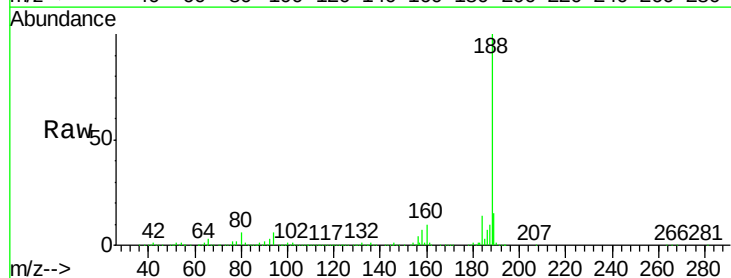
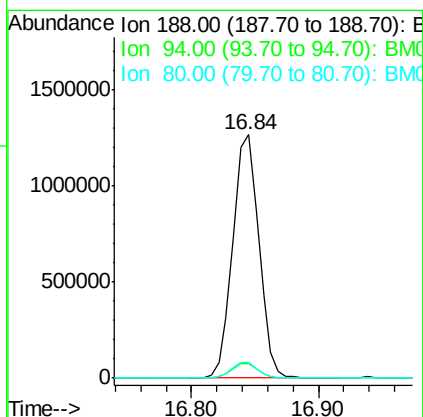
Manual Integrations
APPROVED

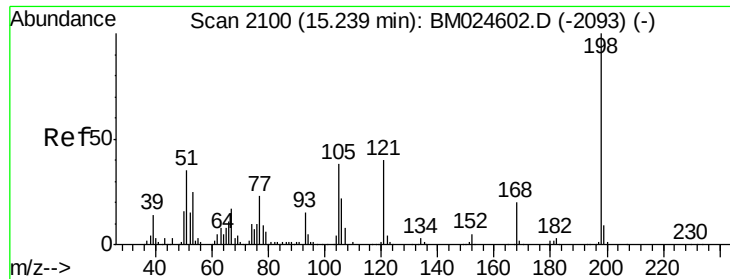
mohammad
1/28/2020 1:14:48 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.84 min Scan# 2373
Delta R.T. 0.00 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	5.7	5.0	7.6	
80	6.5	5.8	8.8	





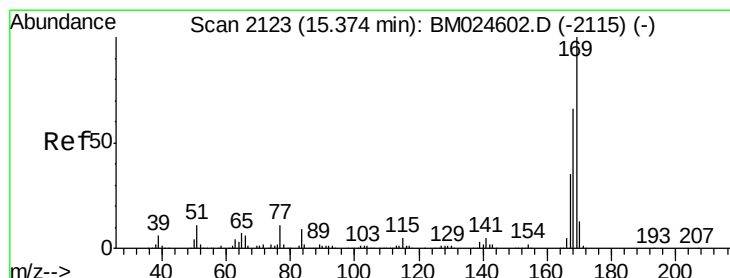
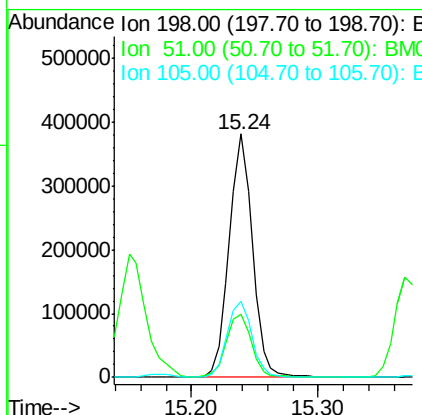
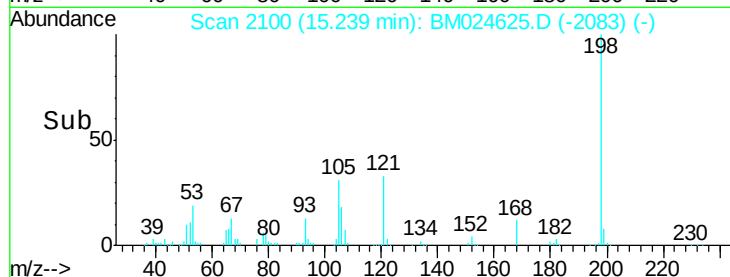
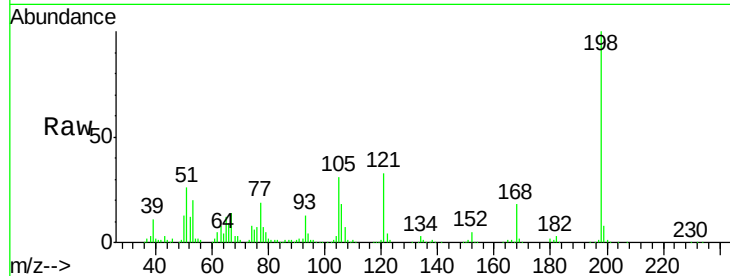
#65
 4,6-Dinitro-2-methylphenol
 Concen: 45.974 ng
 RT: 15.24 min Scan# 2100
 Delta R.T. 0.00 min
 Lab File: BM024625.D
 Acq: 27 Jan 2020 13:20

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	486712		
51	26.2		15.8	55.8
105	31.4		18.5	58.5

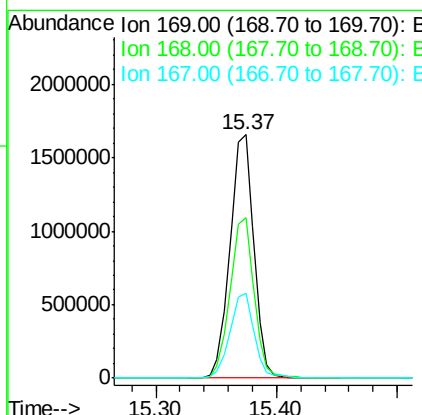
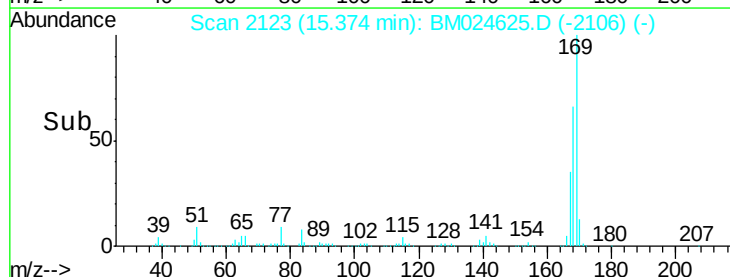
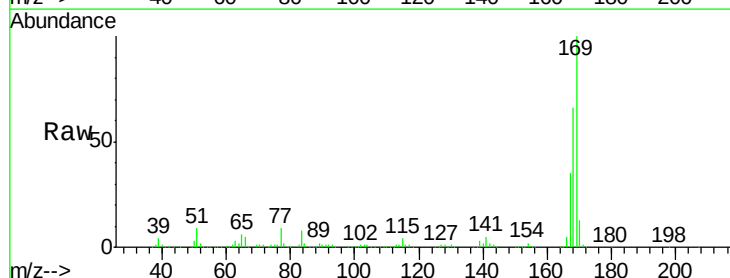
Manual Integrations
 APPROVED

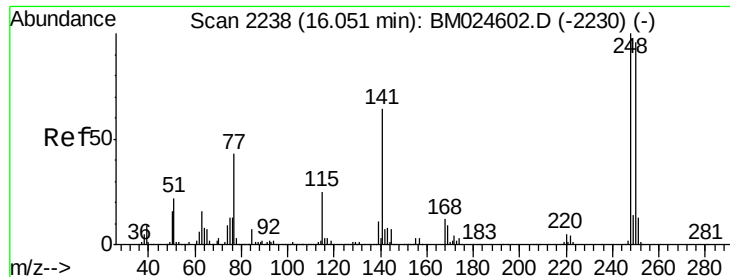
mohammad
 1/28/2020 1:14:48 PM



#66
 n-Nitrosodiphenylamine
 Concen: 44.251 ng
 RT: 15.37 min Scan# 2123
 Delta R.T. 0.00 min
 Lab File: BM024625.D
 Acq: 27 Jan 2020 13:20

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	2288657		
168	66.0		52.8	79.2
167	34.9		28.2	42.2





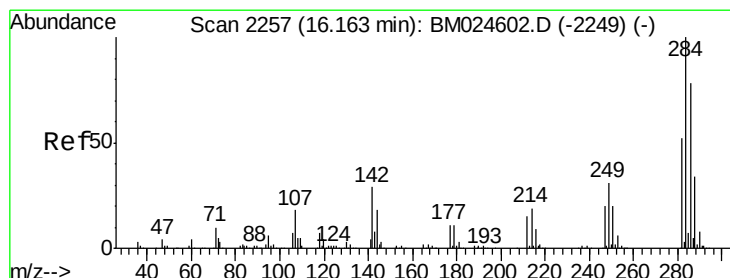
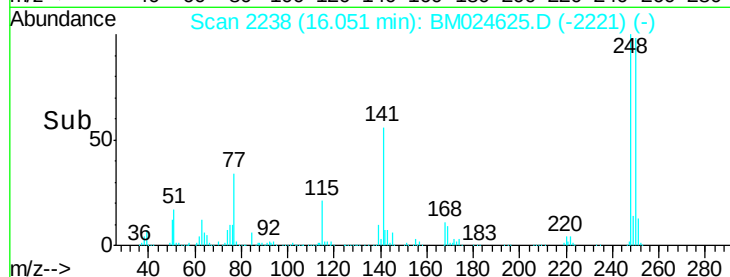
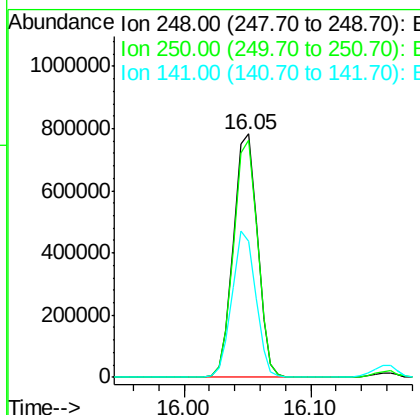
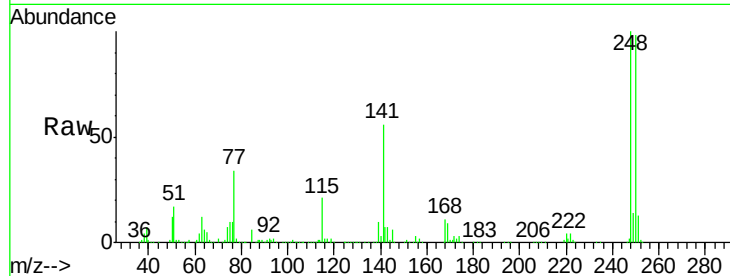
#67
 4-Bromophenyl-phenylether
 Concen: 45.877 ng
 RT: 16.05 min Scan# 2238
 Delta R.T. 0.00 min
 Lab File: BM024625.D
 Acq: 27 Jan 2020 13:20

Instrument :
 BNA_M
 ClientSampled :
 SSTDCCC040

Tot Ion:248 Resp: 1027211
 Ion Ratio Lower Upper
 248 100
 250 97.5 77.0 115.6
 141 56.2 50.9 76.3

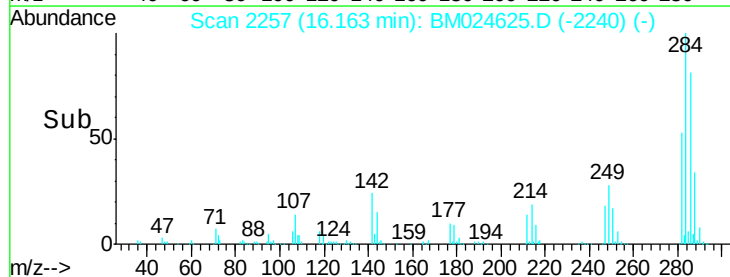
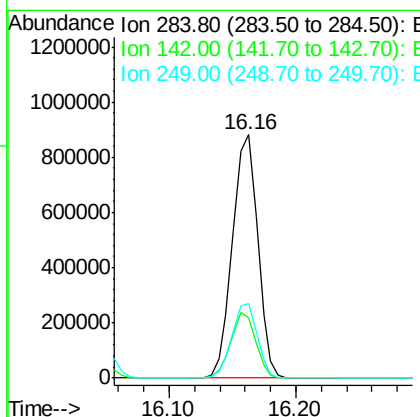
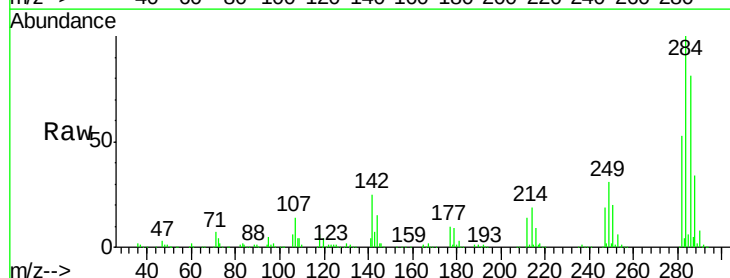
Manual Integrations
 APPROVED

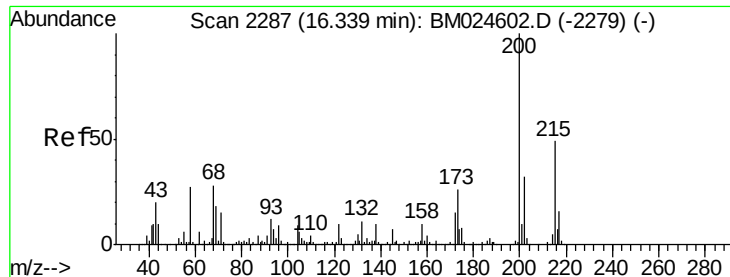
mohammad
 1/28/2020 1:14:48 PM



#68
 Hexachlorobenzene
 Concen: 47.275 ng
 RT: 16.16 min Scan# 2257
 Delta R.T. 0.00 min
 Lab File: BM024625.D
 Acq: 27 Jan 2020 13:20

Tgt Ion:284 Resp: 1214704
 Ion Ratio Lower Upper
 284 100
 142 25.0 23.5 35.3
 249 30.7 24.6 36.8





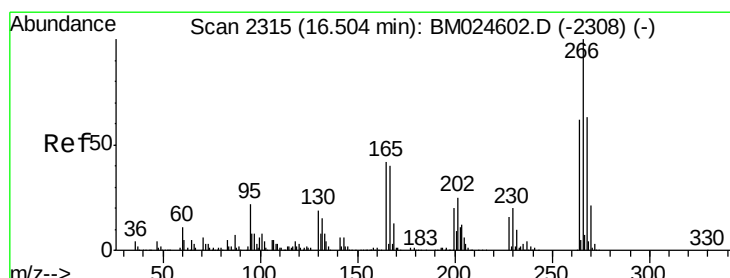
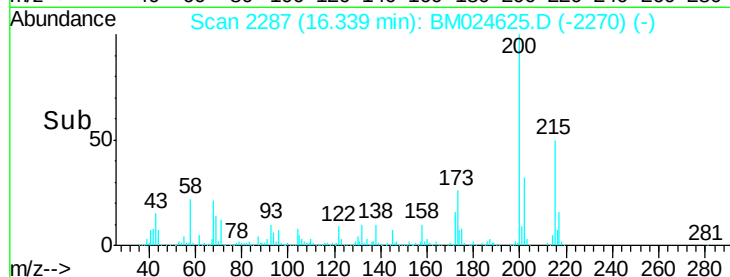
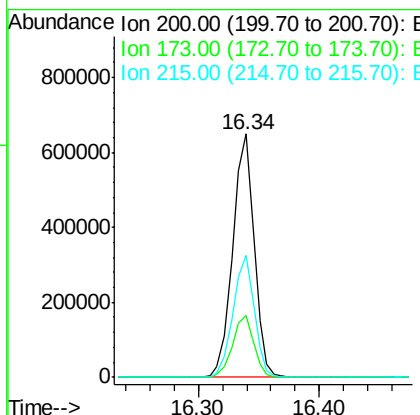
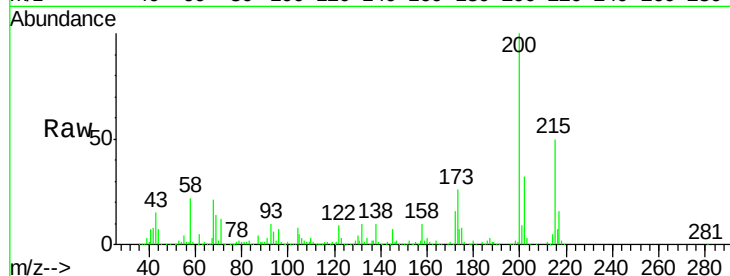
#69
Atrazine
Concen: 40.636 ng
RT: 16.34 min Scan# 2287
Delta R.T. 0.00 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.5	5.5	45.5
215	49.9	29.4	69.4

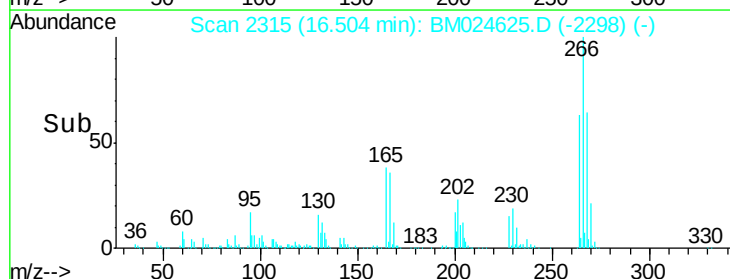
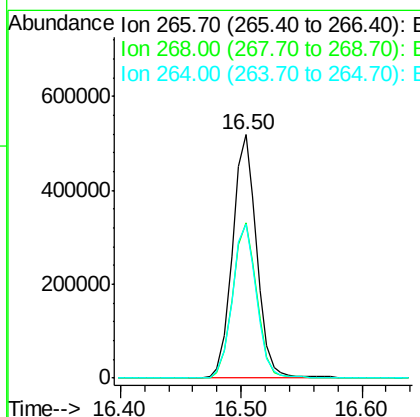
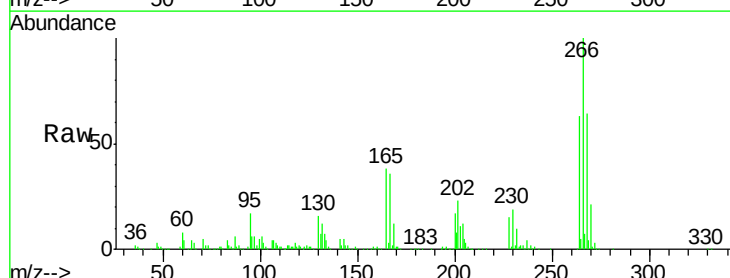
Manual Integrations
APPROVED

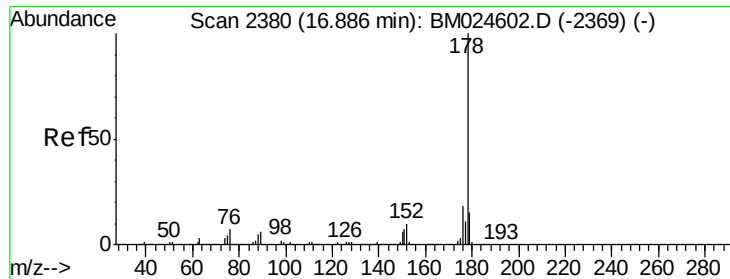
mohammad
1/28/2020 1:14:48 PM



#70
Pentachlorophenol
Concen: 46.252 ng
RT: 16.50 min Scan# 2315
Delta R.T. 0.00 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.8	50.4	75.6
264	63.1	49.9	74.9





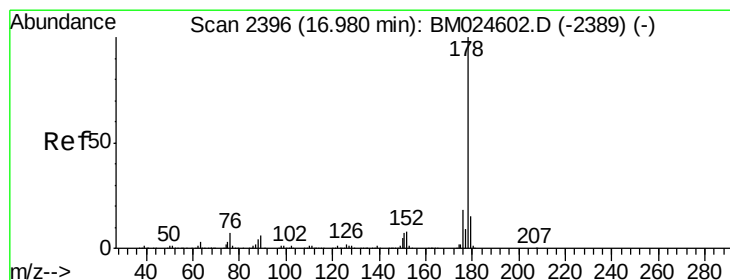
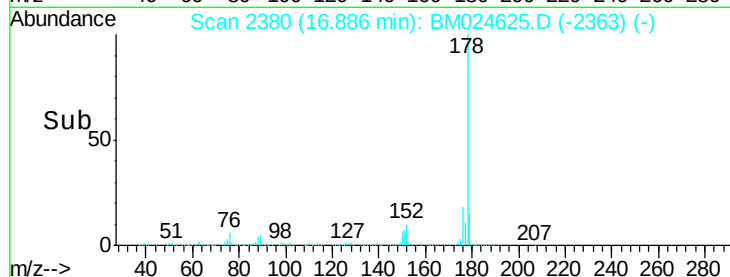
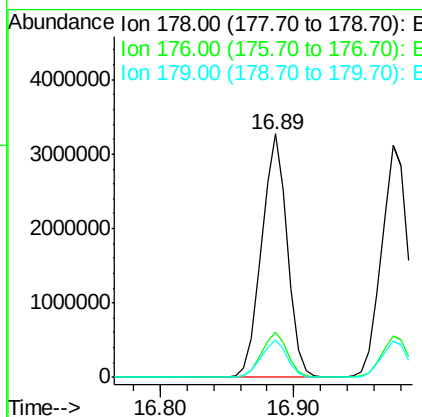
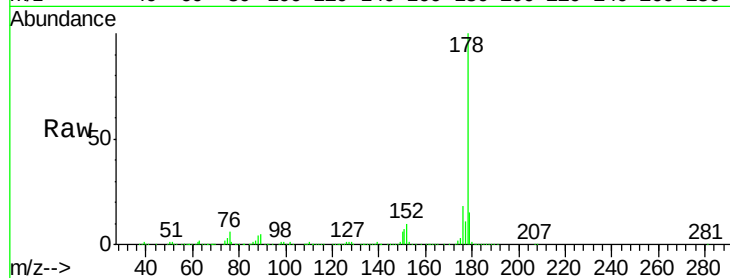
#71
Phenanthrene
Concen: 44.342 ng
RT: 16.89 min Scan# 2380
Delta R.T. 0.00 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 4323334
Ion Ratio Lower Upper
178 100
176 18.3 14.5 21.7
179 15.3 11.9 17.9

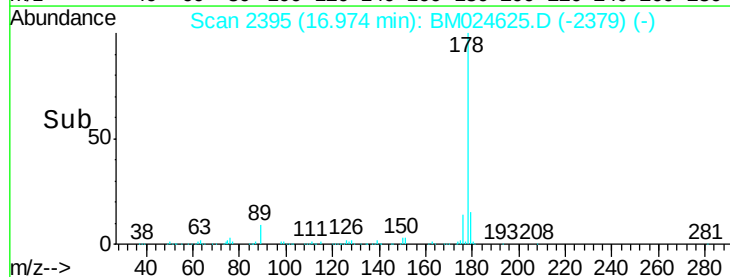
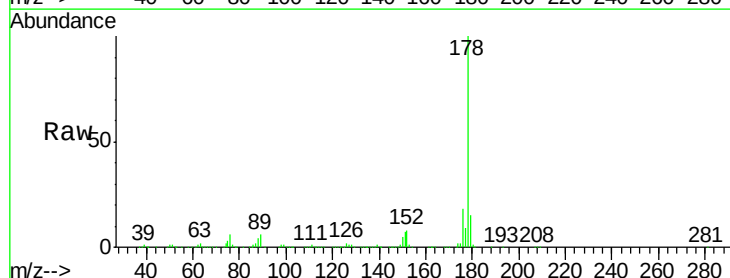
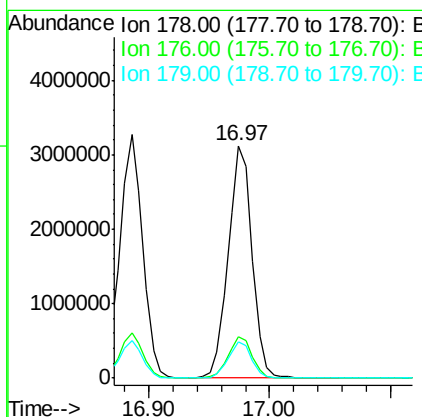
Manual Integrations
APPROVED

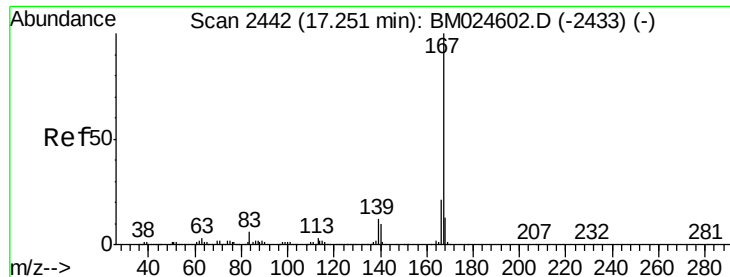
mohammad
1/28/2020 1:14:48 PM



#72
Anthracene
Concen: 44.603 ng
RT: 16.97 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

Tgt Ion:178 Resp: 4255197
Ion Ratio Lower Upper
178 100
176 18.0 14.3 21.5
179 15.4 12.1 18.1





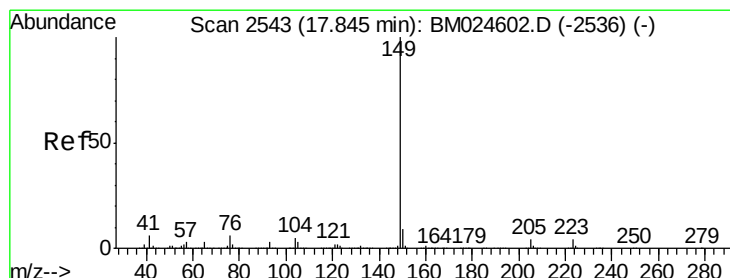
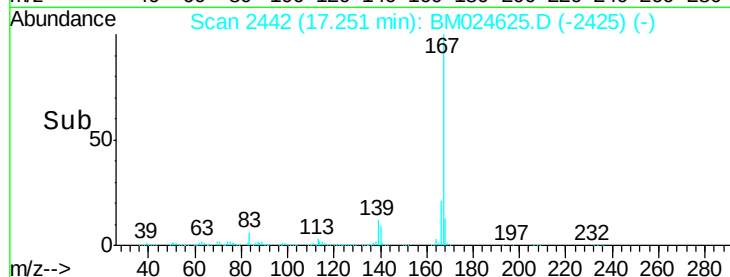
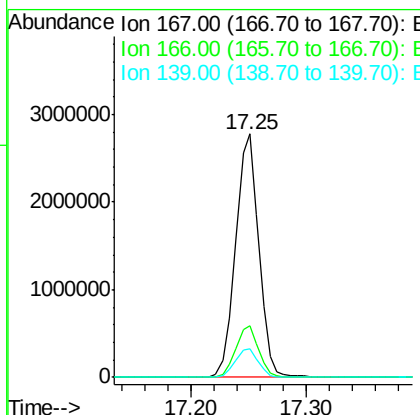
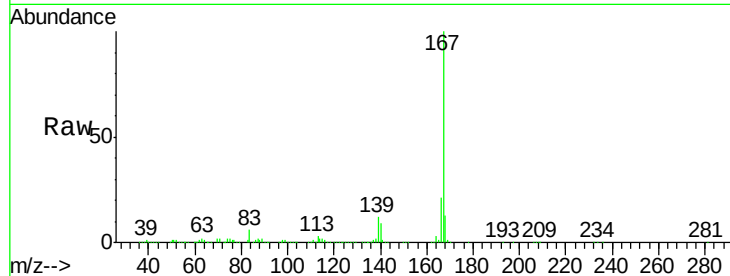
#73
 Carbazole
 Concen: 44.400 ng
 RT: 17.25 min Scan# 2442
 Delta R.T. 0.00 min
 Lab File: BM024625.D
 Acq: 27 Jan 2020 13:20

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion:167 Resp: 3856042
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.1 25.7
 139 11.8 9.8 14.8

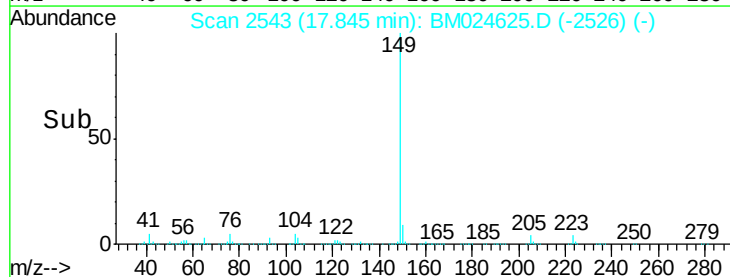
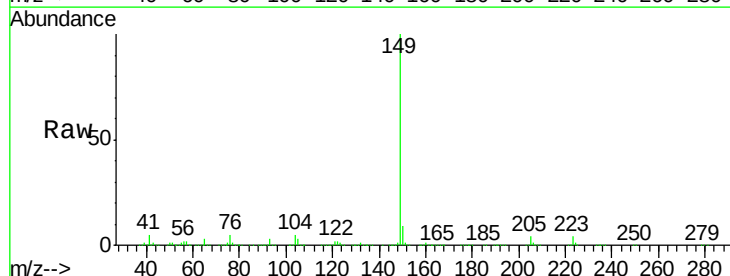
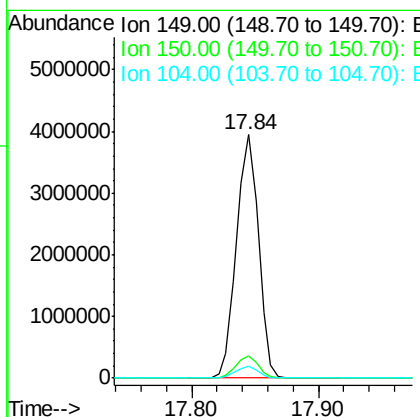
Manual Integrations
 APPROVED

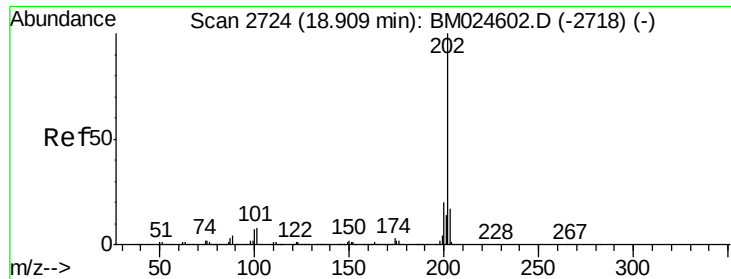
mohammad
 1/28/2020 1:14:48 PM



#74
 Di-n-butylphthalate
 Concen: 42.421 ng
 RT: 17.84 min Scan# 2543
 Delta R.T. 0.00 min
 Lab File: BM024625.D
 Acq: 27 Jan 2020 13:20

Tgt Ion:149 Resp: 4709940
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 4.8 4.3 6.5





#75

Fluoranthene

Concen: 44.521 ng

RT: 18.91 min Scan# 2724

Delta R.T. 0.00 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

Instrument :

BNA_M

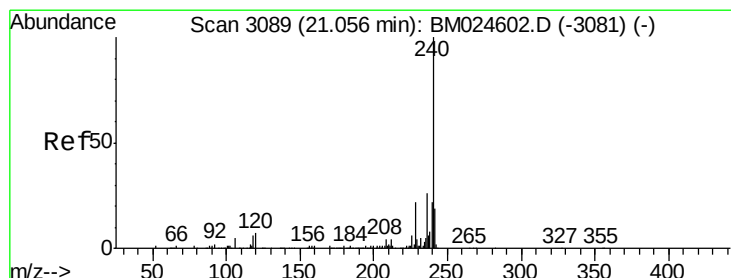
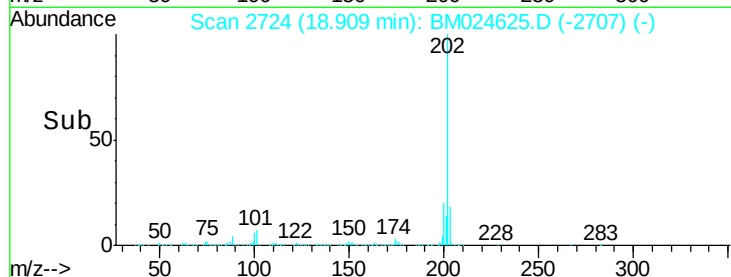
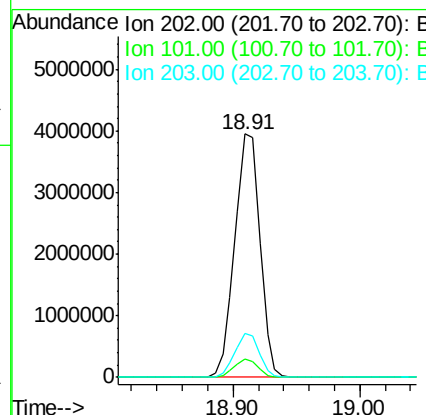
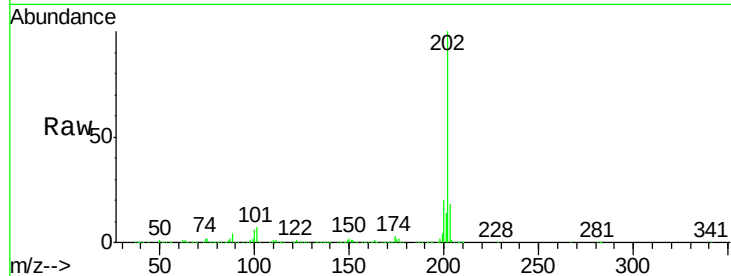
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	28.4
203	18.0	0.0	37.5

Manual Integrations
APPROVED

mohammad
1/28/2020 1:14:48 PM



#76

Chrysene-d12

Concen: 20.000 ng

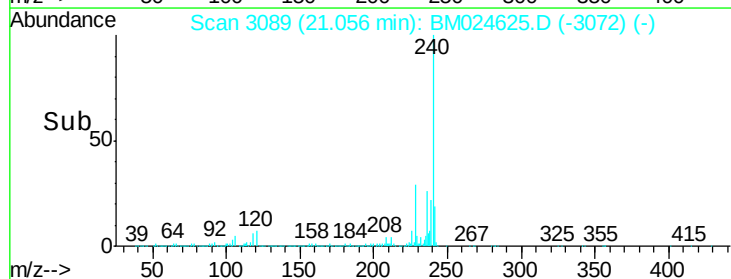
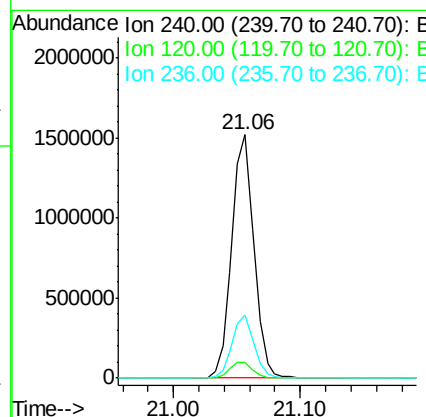
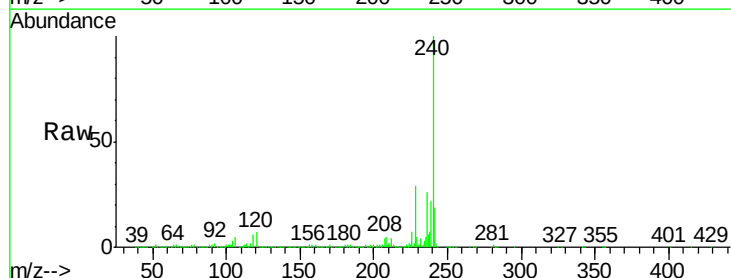
RT: 21.06 min Scan# 3089

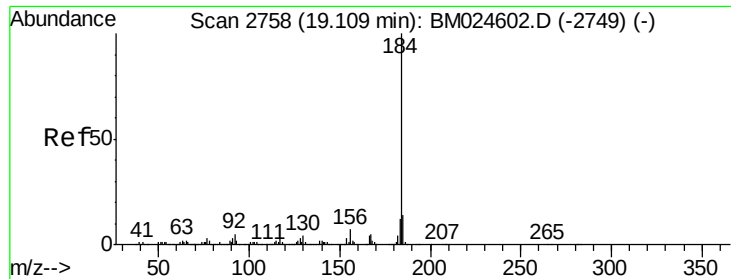
Delta R.T. 0.00 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.6	5.3	7.9
236	26.0	20.6	31.0





#77

Benzidine

Concen: 53.102 ng

RT: 19.10 min Scan# 2757

Delta R.T. -0.01 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 2270380

Ion Ratio Lower Upper

184 100

185 14.6 11.3 16.9

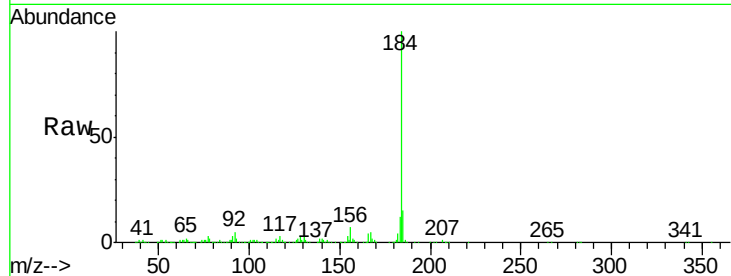
183 11.7 9.6 14.4

Manual Integrations

APPROVED

mohammad

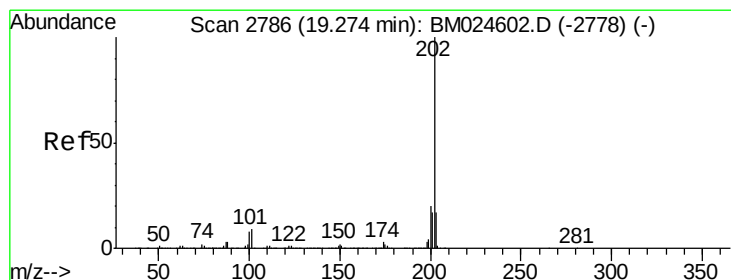
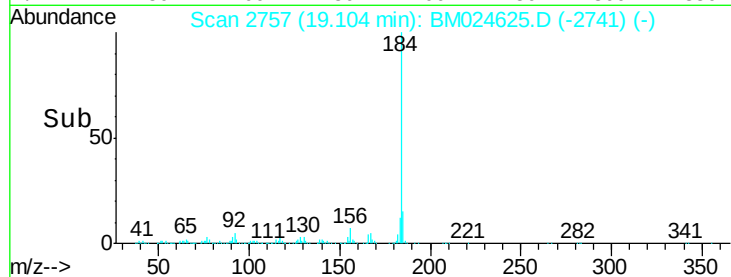
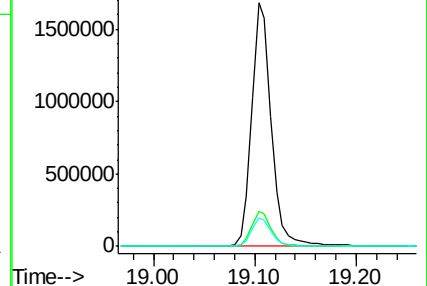
1/28/2020 1:14:48 PM



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: 46.190 ng

RT: 19.27 min Scan# 2786

Delta R.T. 0.00 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

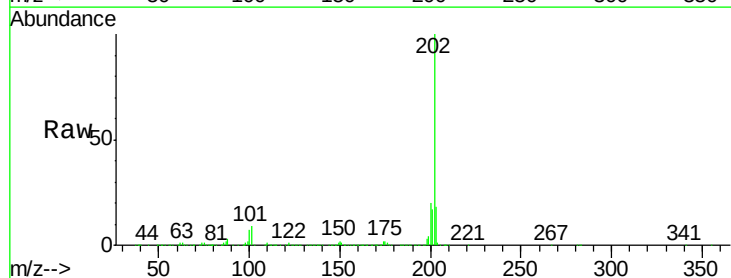
Tgt Ion:202 Resp: 5590344

Ion Ratio Lower Upper

202 100

200 20.4 16.2 24.2

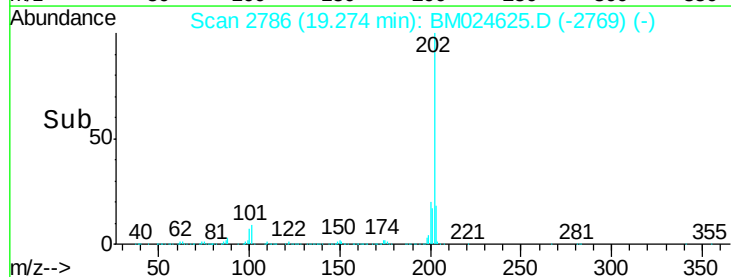
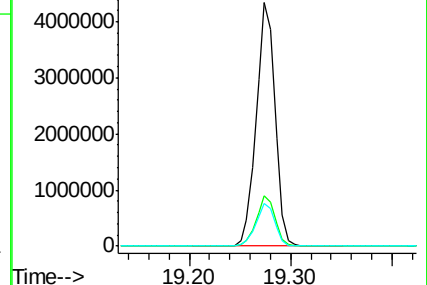
203 17.6 14.0 21.0

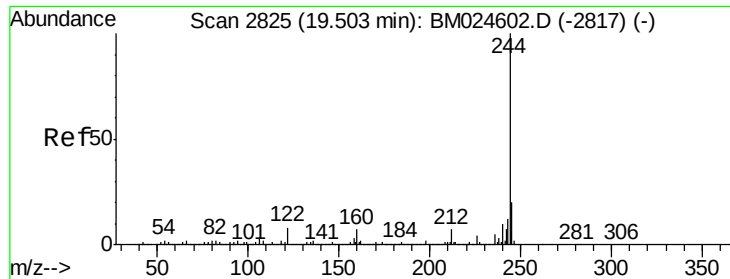


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





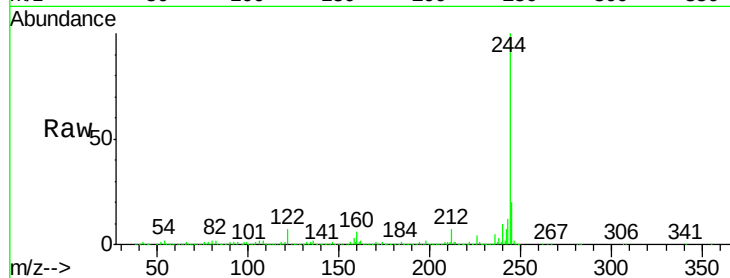
#79
 Terphenyl-d14
 Concen: 94.332 ng
 RT: 19.50 min Scan# 2825
 Delta R.T. 0.00 min
 Lab File: BM024625.D
 Acq: 27 Jan 2020 13:20

Instrument :
 BNA_M
 ClientSampleId :
 SSTCCCC040

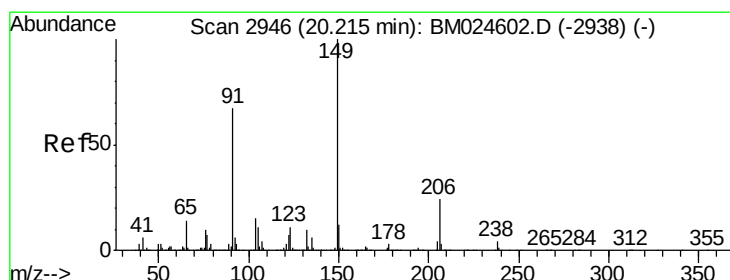
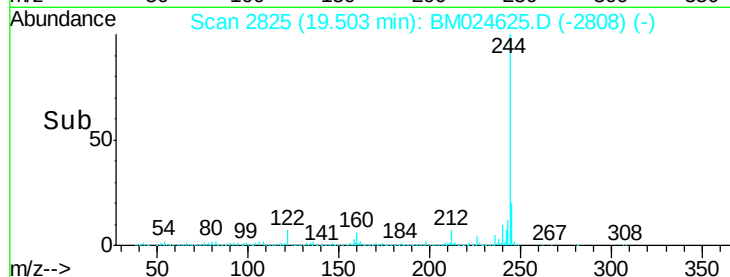
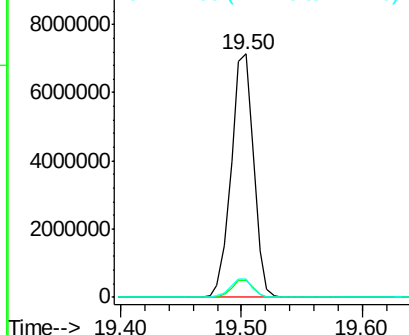
Tot Ion:244 Resp: 9276532
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 7.4 6.2 9.4

Manual Integrations
 APPROVED

mohammad
 1/28/2020 1:14:48 PM

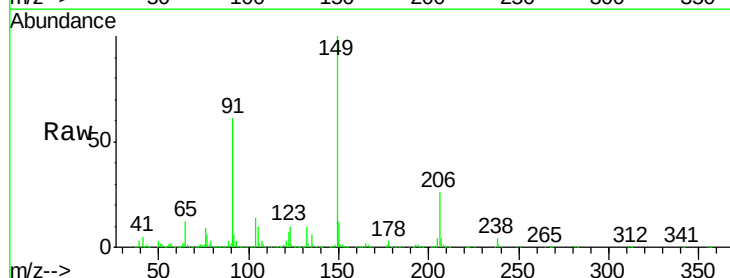


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

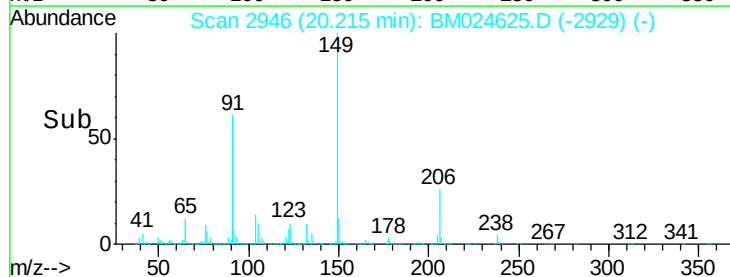
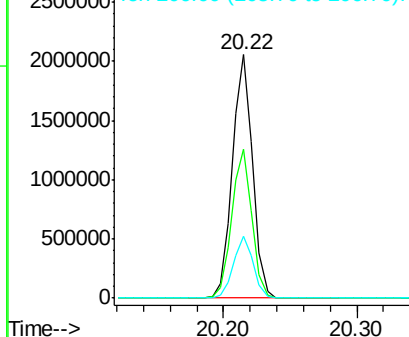


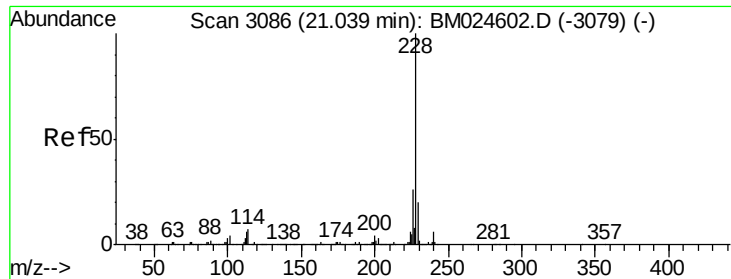
#80
 Butylbenzylphthalate
 Concen: 42.780 ng
 RT: 20.22 min Scan# 2946
 Delta R.T. 0.00 min
 Lab File: BM024625.D
 Acq: 27 Jan 2020 13:20

Tgt Ion:149 Resp: 2172611
 Ion Ratio Lower Upper
 149 100
 91 61.0 53.9 80.9
 206 25.5 19.0 28.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BM0
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.083 ng

RT: 21.04 min Scan# 3086

Delta R.T. 0.00 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 5617052

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.1	31.7
229	19.7	15.8	23.6

228 100

226 26.5 21.1 31.7

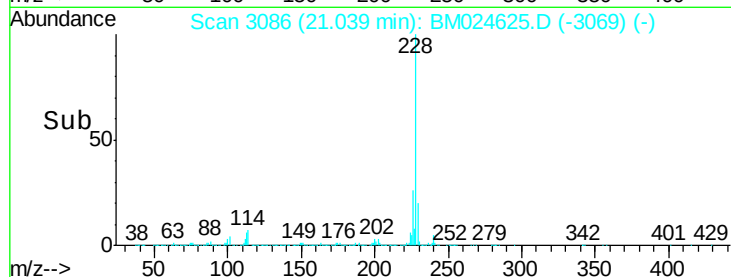
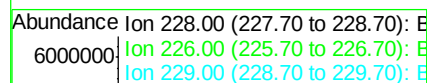
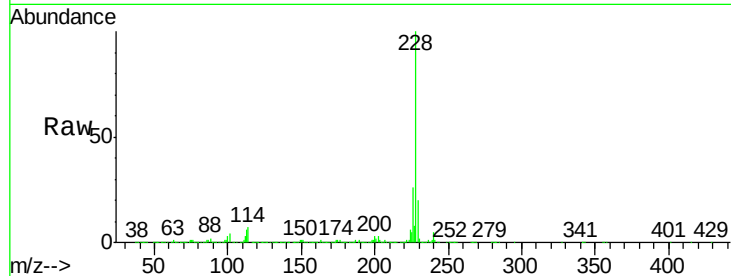
229 19.7 15.8 23.6

Manual Integrations

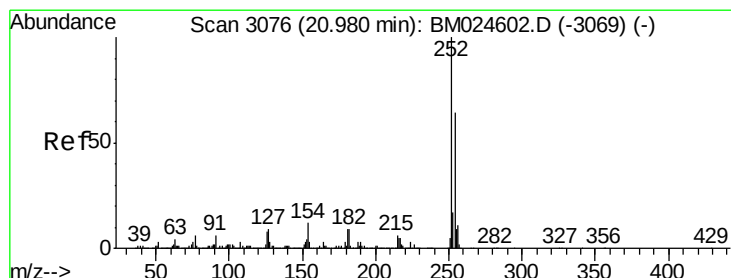
APPROVED

mohammad

1/28/2020 1:14:48 PM



Time-->



#82

3,3'-Dichlorobenzidine

Concen: 45.748 ng

RT: 20.98 min Scan# 3076

Delta R.T. 0.00 min

Lab File: BM024625.D

Acq: 27 Jan 2020 13:20

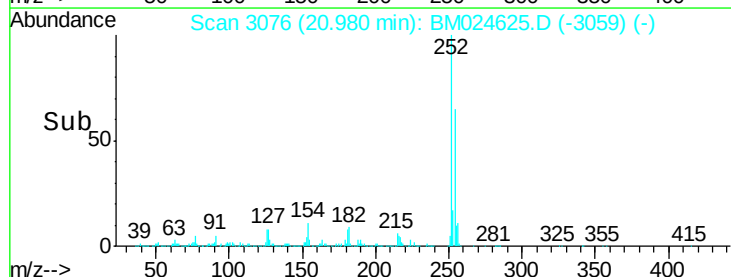
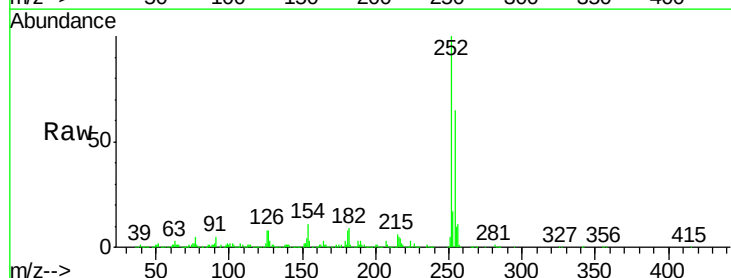
Tgt Ion:252 Resp: 2096924

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.5	77.3
126	7.6	6.7	10.1

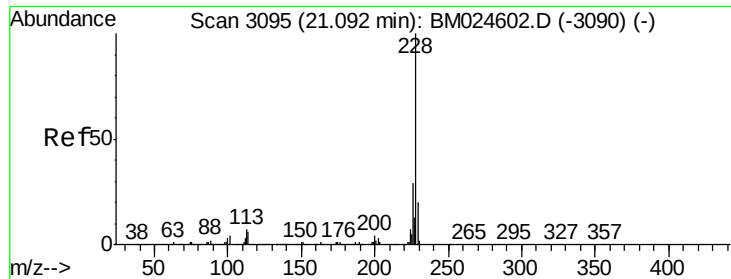
252 100

254 64.6 51.5 77.3

126 7.6 6.7 10.1



Time-->



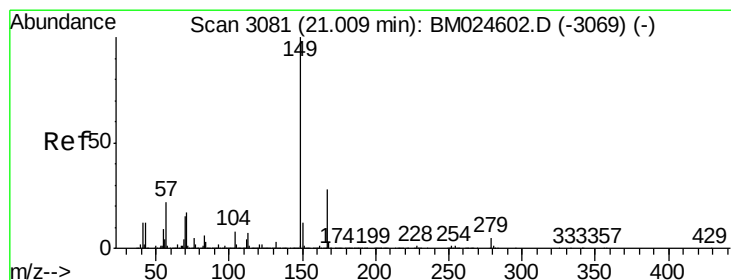
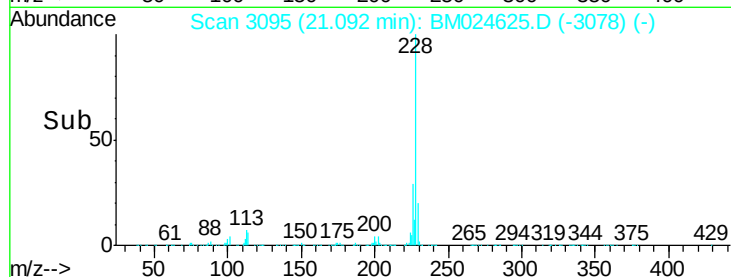
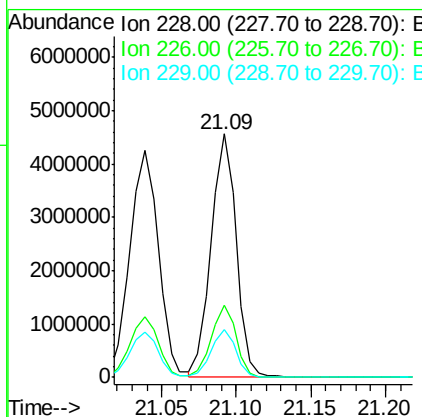
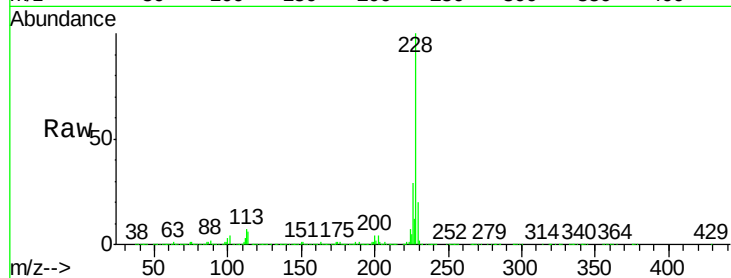
#83
Chrysene
Concen: 44.025 ng
RT: 21.09 min Scan# 3095
Delta R.T. 0.00 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:228 Resp: 5352825
Ion Ratio Lower Upper
228 100
226 29.5 23.2 34.8
229 19.7 15.7 23.5

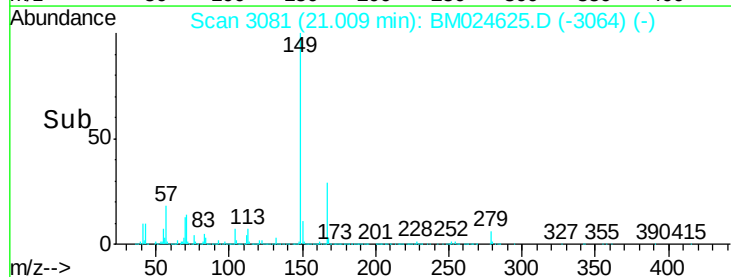
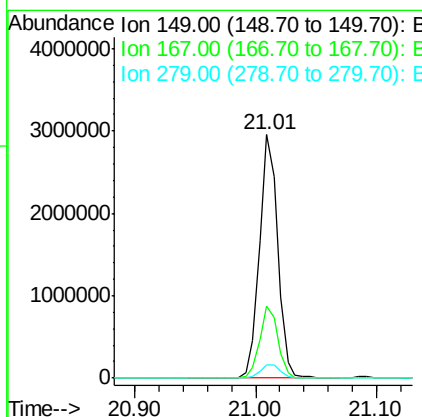
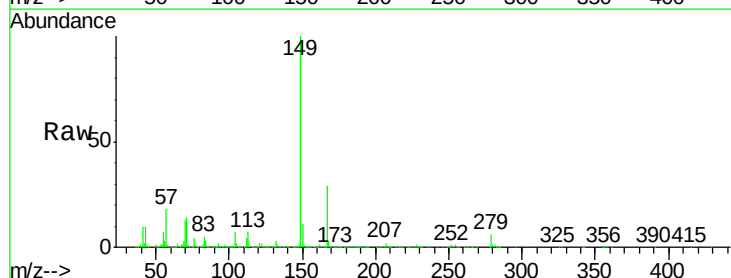
Manual Integrations
APPROVED

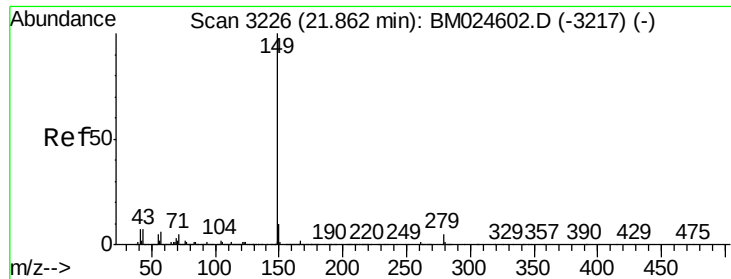
mohammad
1/28/2020 1:14:48 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.770 ng
RT: 21.01 min Scan# 3081
Delta R.T. 0.00 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

Tgt Ion:149 Resp: 3130019
Ion Ratio Lower Upper
149 100
167 29.4 22.5 33.7
279 5.6 4.0 6.0





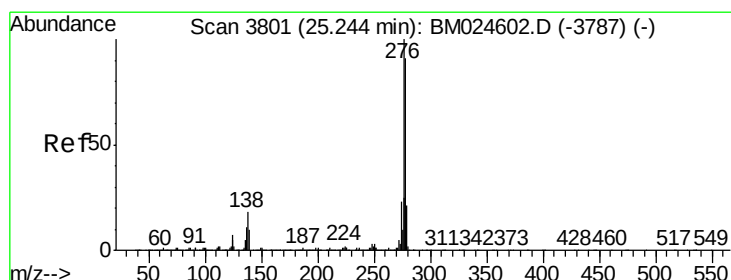
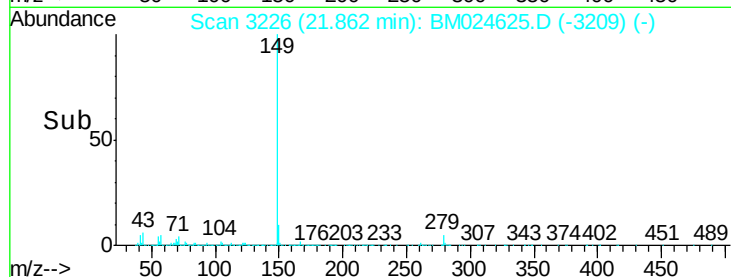
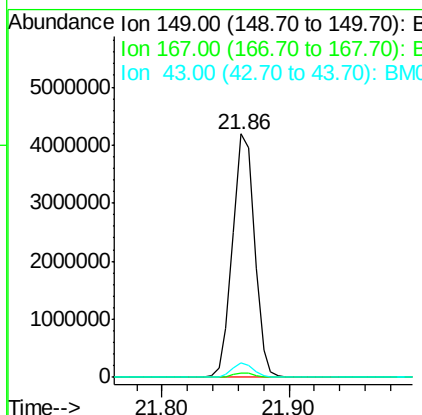
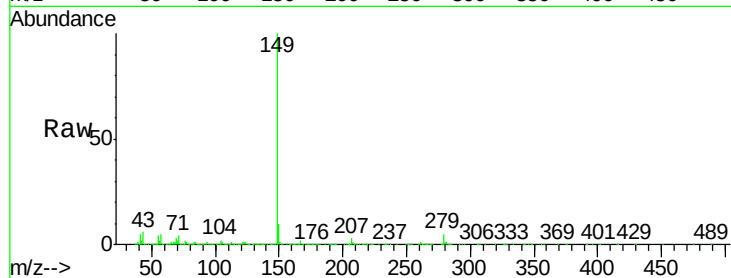
#85
Di-n-octyl phthalate
Concen: 40.503 ng
RT: 21.86 min Scan# 3226
Delta R.T. 0.00 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	5.7	5.8	8.6#

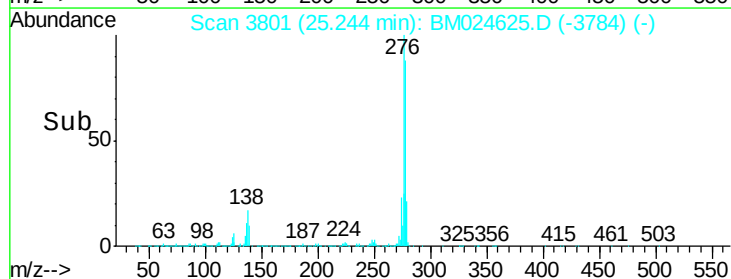
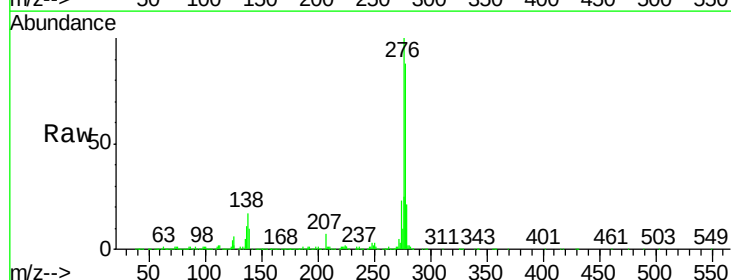
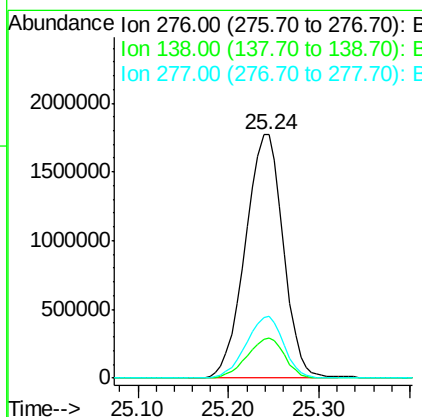
Manual Integrations
APPROVED

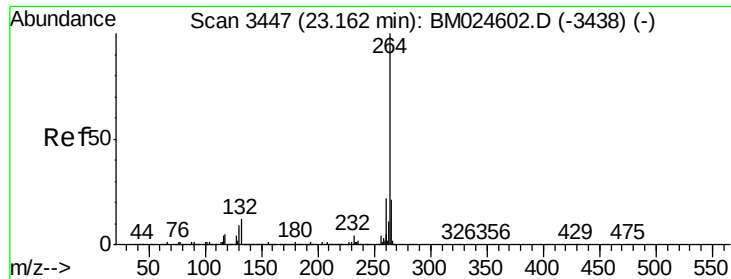
mohammad
1/28/2020 1:14:48 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 38.825 ng
RT: 25.24 min Scan# 3801
Delta R.T. 0.00 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.3	13.4	20.0
277	25.2	19.6	29.4





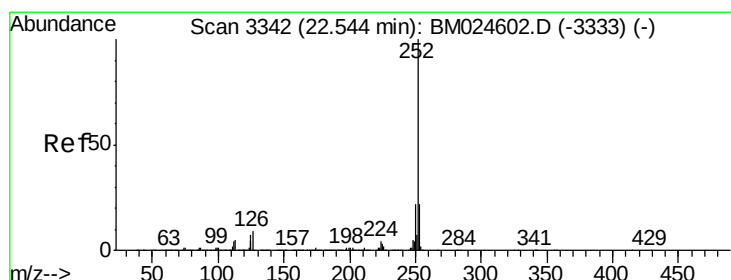
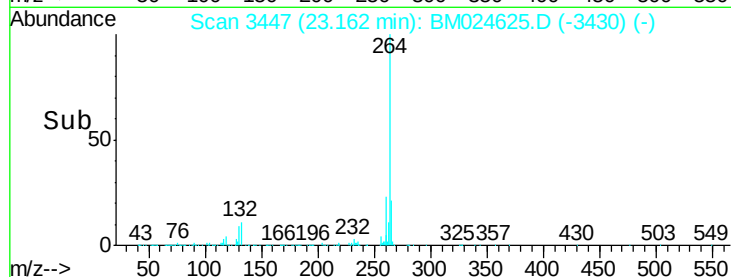
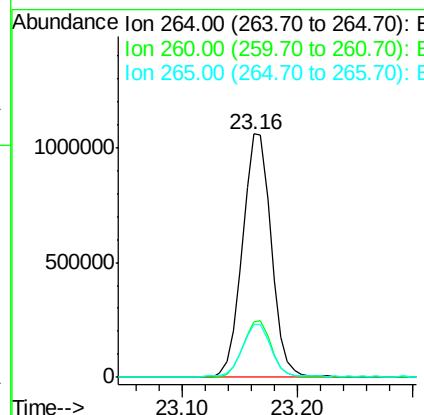
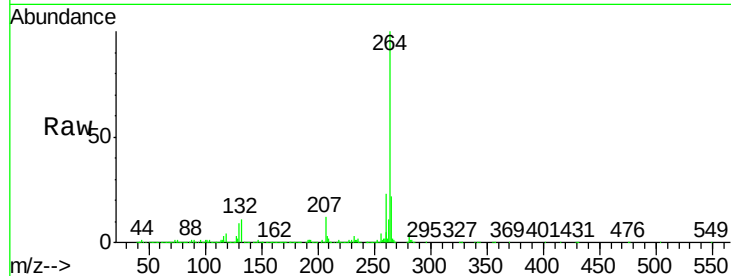
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.16 min Scan# 3447
Delta R.T. 0.00 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

Instrument :
BNA_M
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.9	26.9
265	21.9	17.3	25.9

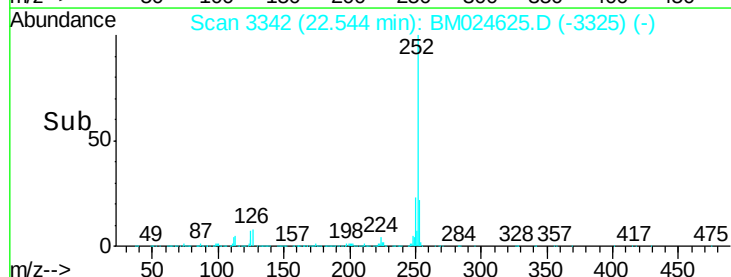
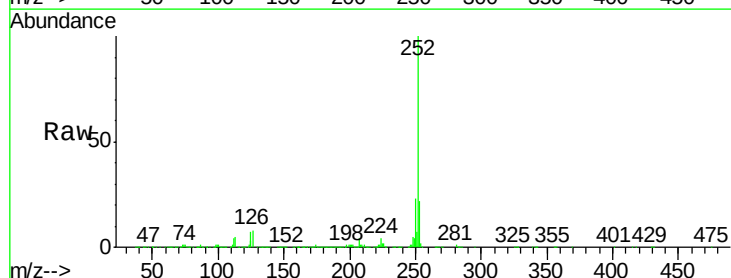
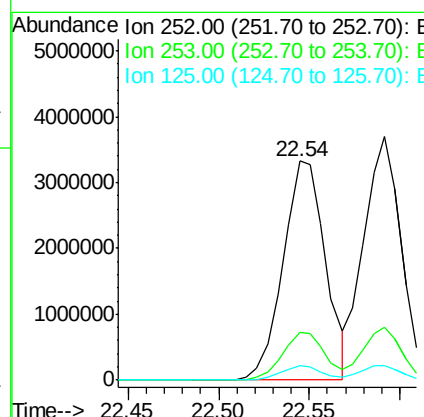
Manual Integrations
APPROVED

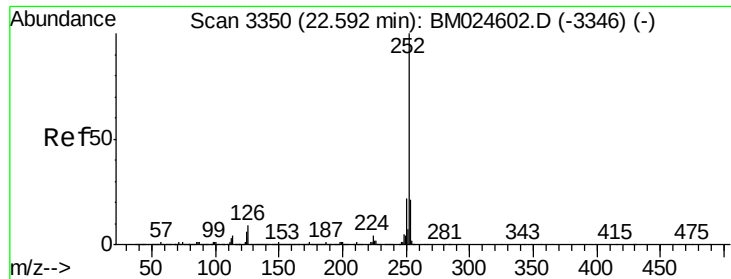
mohammad
1/28/2020 1:14:48 PM



#88
Benzo(b)fluoranthene
Concen: 45.602 ng
RT: 22.54 min Scan# 3342
Delta R.T. 0.00 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	6.6	5.7	8.5





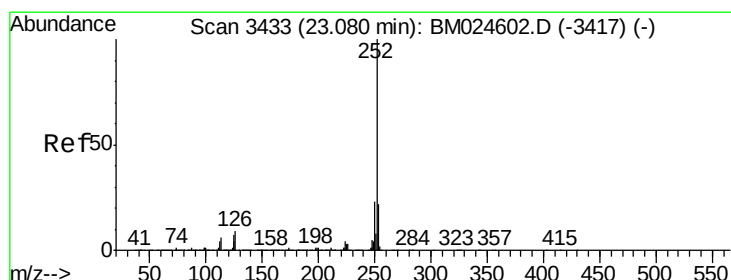
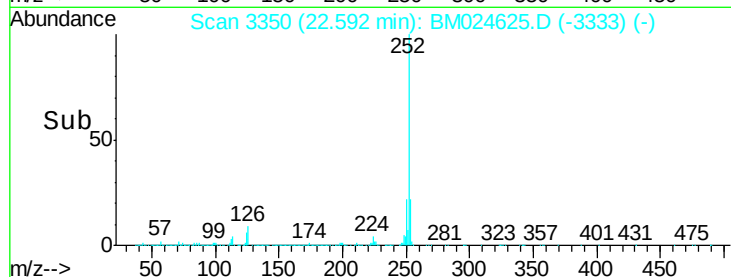
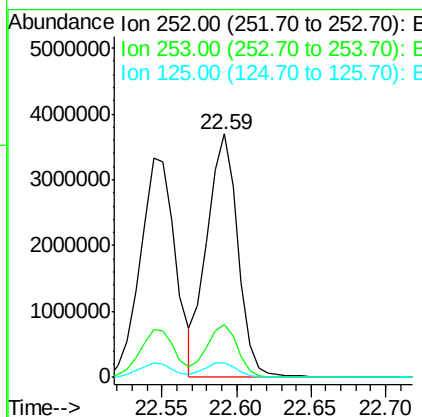
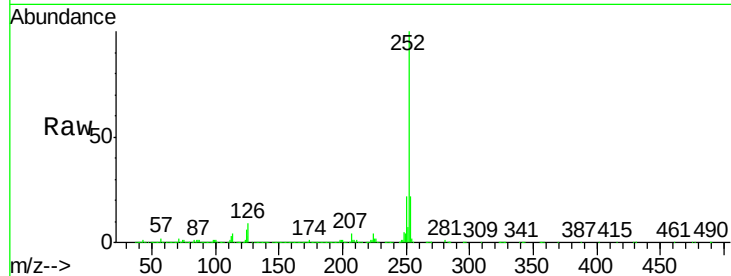
#89
Benzo(k)fluoranthene
Concen: 45.601 ng
RT: 22.59 min Scan# 3350
Delta R.T. 0.00 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.3	25.9
125	6.0	5.2	7.8

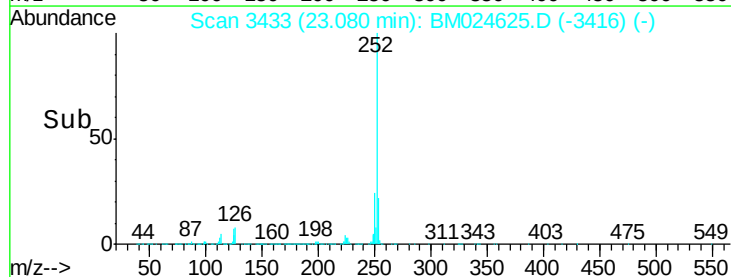
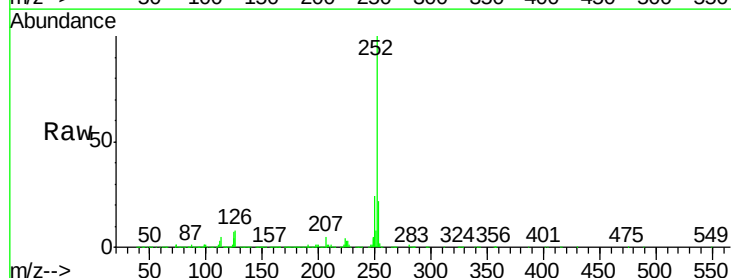
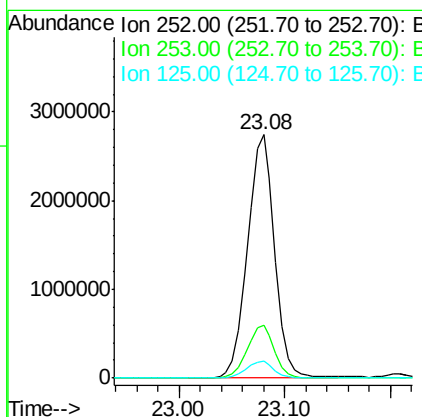
Manual Integrations
APPROVED

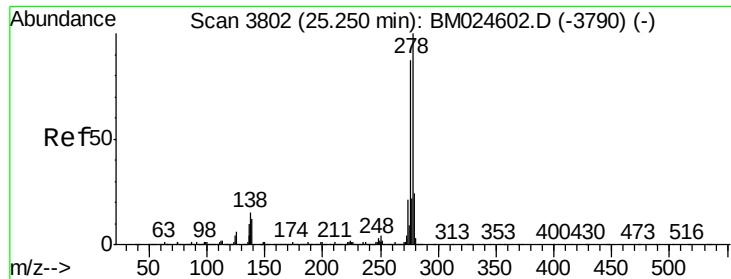
mohammad
1/28/2020 1:14:48 PM



#90
Benzo(a)pyrene
Concen: 44.981 ng
RT: 23.08 min Scan# 3433
Delta R.T. 0.00 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.3	25.9
125	7.1	5.8	8.8





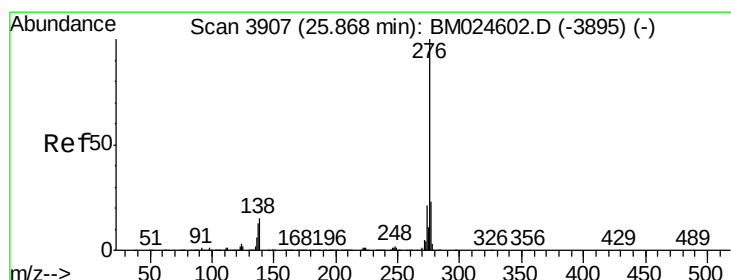
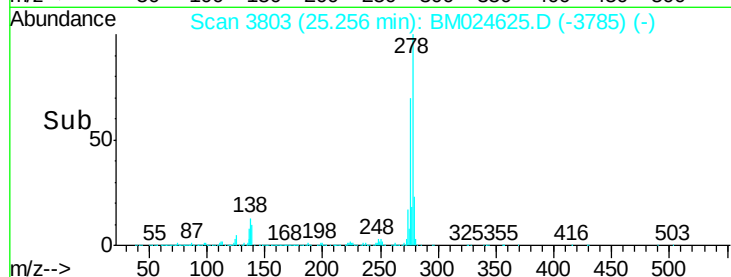
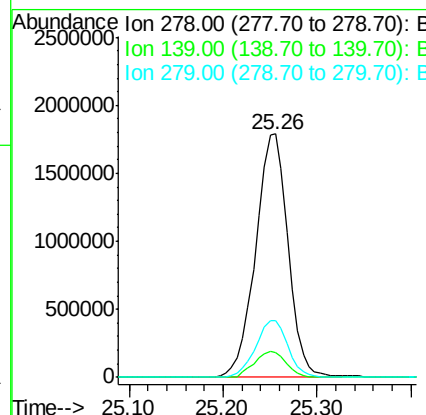
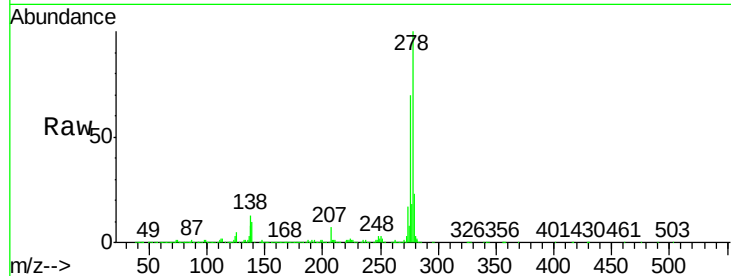
#91
Dibenzo(a,h)anthracene
Concen: 41.597 ng
RT: 25.26 min Scan# 3803
Delta R.T. 0.01 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.2	9.3	13.9
279	23.4	18.9	28.3

Manual Integrations
APPROVED

mohammad
1/28/2020 1:14:48 PM



#92
Benzo(g,h,i)perylene
Concen: 42.914 ng
RT: 25.87 min Scan# 3907
Delta R.T. 0.00 min
Lab File: BM024625.D
Acq: 27 Jan 2020 13:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.6	28.0
138	13.6	11.9	17.9

