

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013020\
 Data File : BM024661.D
 Acq On : 30 Jan 2020 16:45
 Operator : CG/JU
 Sample : PB126393BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB126393BS

Manual Integrations
 APPROVED

mohammad
 2/3/2020 7:55:32 AM

Quant Time: Jan 30 23:44:29 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	7.43	152	161164	20.00	ng	-0.02
21) Naphthalene-d8	10.19	136	563993	20.00	ng	-0.02
39) Acenaphthene-d10	14.08	164	367098	20.00	ng	-0.01
64) Phenanthrene-d10	16.83	188	810683	20.00	ng	-0.01
76) Chrysene-d12	21.04	240	913258	20.00	ng	-0.01
87) Perylene-d12	23.16	264	1187814	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.07	112	744367	87.84	ng	0.00
7) Phenol-d6	6.63	99	918539	78.68	ng	-0.01
23) Nitrobenzene-d5	8.57	82	818791	71.20	ng	-0.02
42) 2,4,6-Tribromophenol	15.58	330	525140	87.94	ng	-0.01
45) 2-Fluorobiphenyl	12.69	172	2194372	81.27	ng	-0.02
79) Terphenyl-d14	19.49	244	3832458	78.34	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.06	88	139129	41.503	ng	92
3) Pyridine	3.44	79	351203	36.140	ng	94
4) n-Nitrosodimethylamine	3.35	42	152090	35.259	ng	87
6) Aniline	6.77	93	481071	33.850	ng	97
8) 2-Chlorophenol	7.00	128	462432	47.935	ng	92
9) Benzaldehyde	6.58	77	215639	31.261	ng	89
10) Phenol	6.66	94	515541	44.302	ng	94
11) bis(2-Chloroethyl)ether	6.87	93	383801	41.198	ng	93
12) 1,3-Dichlorobenzene	7.32	146	554904	46.821	ng	95
13) 1,4-Dichlorobenzene	7.46	146	562631	46.795	ng	97
14) 1,2-Dichlorobenzene	7.77	146	535792	46.166	ng	97
15) Benzyl Alcohol	7.67	79	371684	38.616	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.96	45	282917	33.174	ng	97
17) 2-Methylphenol	7.89	107	354056	43.175	ng	94
18) Hexachloroethane	8.49	117	192354	41.430	ng	93
19) n-Nitroso-di-n-propylamine	8.24	70	296394	33.815	ng	93
20) 3+4-Methylphenols	8.21	107	470678	41.463	ng	97
22) Acetophenone	8.24	105	617183	42.439	ng	97
24) Nitrobenzene	8.61	77	460832	41.815	ng	92
25) Isophorone	9.14	82	789048	40.380	ng	97
26) 2-Nitrophenol	9.32	139	255111	49.991	ng	88
27) 2,4-Dimethylphenol	9.40	122	391225	56.416	ng	96
28) bis(2-Chloroethoxy)methane	9.63	93	481566	40.342	ng	99
29) 2,4-Dichlorophenol	9.85	162	466109	49.751	ng	97
30) 1,2,4-Trichlorobenzene	10.06	180	551210	48.782	ng	99
31) Naphthalene	10.24	128	1350802	47.420	ng	100
32) Benzoic acid	9.53	122	272506m	42.958	ng	
33) 4-Chloroaniline	10.35	127	276970	22.182	ng	96
34) Hexachlorobutadiene	10.54	225	368157	47.133	ng	99
35) Caprolactam	11.13	113	133436m	44.393	ng	
36) 4-Chloro-3-methylphenol	11.50	107	424492	42.610	ng	92
37) 2-Methylnaphthalene	11.86	142	1013678	46.112	ng	98
38) 1-Methylnaphthalene	12.09	142	947957	45.333	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.25	216	622386	47.504	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013020\
 Data File : BM024661.D
 Acq On : 30 Jan 2020 16:45
 Operator : CG/JU
 Sample : PB126393BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB126393BS

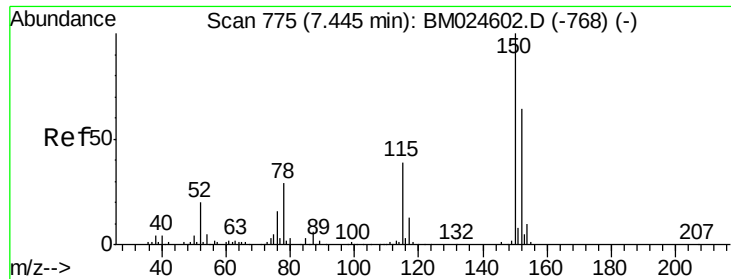
Manual Integrations
 APPROVED

mohammad
 2/3/2020 7:55:32 AM

Quant Time: Jan 30 23:44:29 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	12.23	237	830753	113.124	ng	99
43) 2,4,6-Trichlorophenol	12.50	196	406336	48.737	ng	97
44) 2,4,5-Trichlorophenol	12.57	196	430755	50.590	ng	96
46) 1,1'-Biphenyl	12.90	154	1288879	46.394	ng	99
47) 2-Chloronaphthalene	12.94	162	1051992	46.906	ng	97
48) 2-Nitroaniline	13.15	65	244050	35.678	ng #	84
49) Acenaphthylene	13.80	152	1620446	48.264	ng	100
50) Dimethylphthalate	13.56	163	1285236	43.297	ng	99
51) 2,6-Dinitrotoluene	13.66	165	285353	45.214	ng #	84
52) Acenaphthene	14.14	154	955414	45.858	ng	99
53) 3-Nitroaniline	13.99	138	181602	27.743	ng	90
54) 2,4-Dinitrophenol	14.20	184	359637	95.293	ng #	87
55) Dibenzofuran	14.49	168	1597159	47.006	ng	96
56) 4-Nitrophenol	14.32	139	509903	99.654	ng	85
57) 2,4-Dinitrotoluene	14.46	165	403857	44.650	ng #	87
58) Fluorene	15.14	166	1273491	44.600	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.72	232	411434	47.648	ng #	94
60) Diethylphthalate	14.94	149	1233430	40.928	ng	98
61) 4-Chlorophenyl-phenylether	15.14	204	710910	43.185	ng	98
62) 4-Nitroaniline	15.16	138	265174	36.701	ng	89
63) Azobenzene	15.44	77	969156	37.701	ng	93
65) 4,6-Dinitro-2-methylphenol	15.23	198	253367	53.154	ng	89
66) n-Nitrosodiphenylamine	15.36	169	1128082	48.443	ng	100
67) 4-Bromophenyl-phenylether	16.04	248	462604	45.886	ng	95
68) Hexachlorobenzene	16.15	284	553284	47.825	ng	97
69) Atrazine	16.33	200	444888	49.771	ng	99
70) Pentachlorophenol	16.50	266	714801	101.435	ng	100
71) Phenanthrene	16.87	178	2073767	47.239	ng	99
72) Anthracene	16.97	178	2130778	49.605	ng	99
73) Carbazole	17.24	167	1856233	47.470	ng	99
74) Di-n-butylphthalate	17.83	149	2048237	40.973	ng	99
75) Fluoranthene	18.90	202	2618504	47.790	ng	98
77) Benzidine	19.10	184	1752972	82.421	ng	100
78) Pyrene	19.27	202	2695941	44.779	ng	100
80) Butylbenzylphthalate	20.20	149	969548	38.378	ng	94
81) Benzo(a)anthracene	21.03	228	2926234	46.166	ng	99
82) 3,3'-Dichlorobenzidine	20.97	252	958237	42.026	ng	99
83) Chrysene	21.08	228	2807362	46.416	ng	100
84) Bis(2-ethylhexyl)phthalate	21.00	149	1413164	37.911	ng #	97
85) Di-n-octyl phthalate	21.86	149	2553759	41.468	ng #	96
86) Indeno(1,2,3-cd)pyrene	25.23	276	4202585	63.751	ng	98
88) Benzo(b)fluoranthene	22.54	252	3291510	42.725	ng	98
89) Benzo(k)fluoranthene	22.58	252	3343057	44.457	ng	99
90) Benzo(a)pyrene	23.07	252	3141910	44.858	ng	99
91) Dibenzo(a,h)anthracene	25.24	278	3561639	53.575	ng	99
92) Benzo(g,h,i)perylene	25.86	276	3552871	58.857	ng	98

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



#1

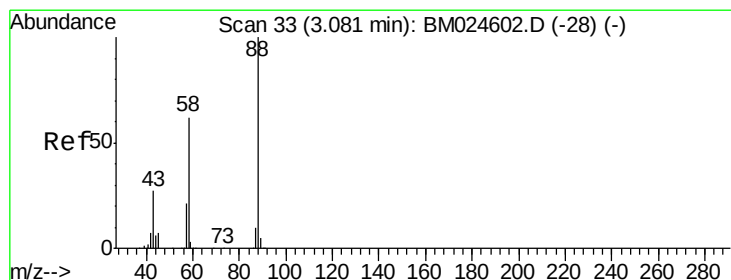
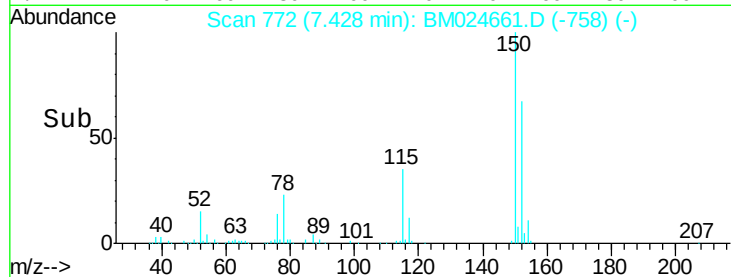
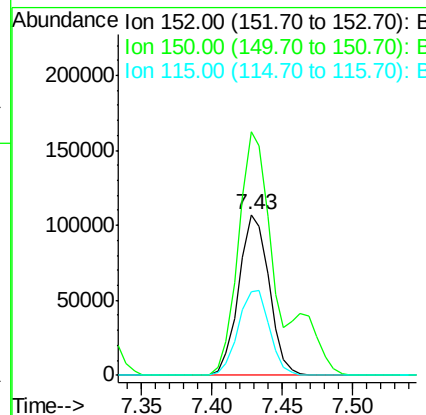
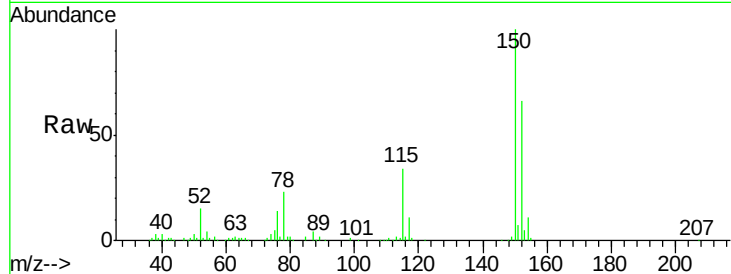
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.43 min Scan# 772
Delta R.T. -0.02 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

Instrument :
BNA_M
ClientSampleId :
PB126393BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.5	124.2	186.4
115	51.9	48.6	72.8

Manual Integrations
APPROVED

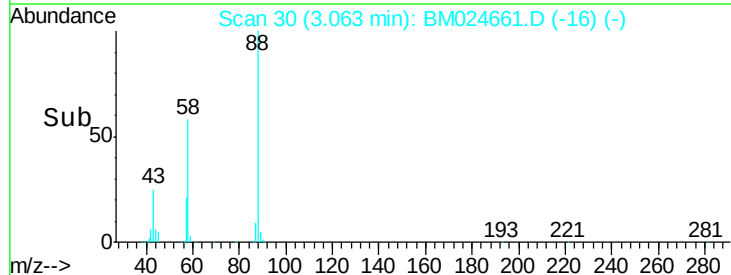
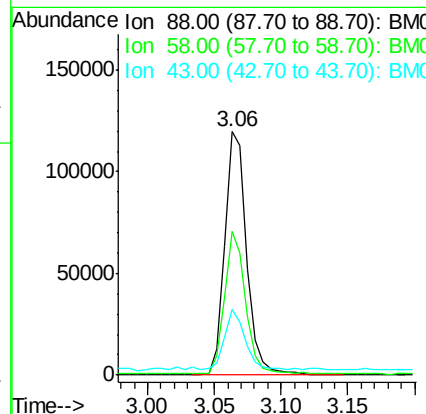
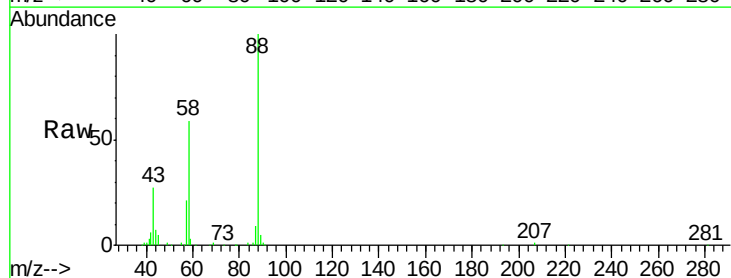
mohammad
2/3/2020 7:55:32 AM

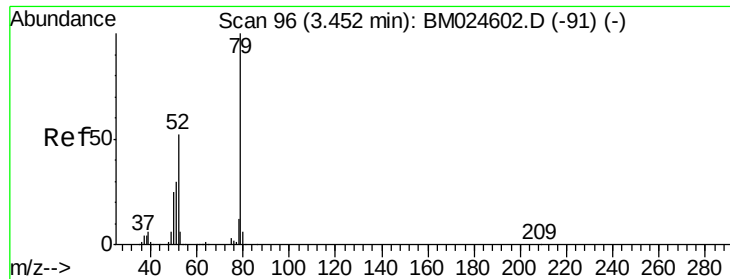


#2

1,4-Dioxane
Concen: 41.503 ng
RT: 3.06 min Scan# 30
Delta R.T. -0.02 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.2	50.0	75.0
43	23.0	21.6	32.4





#3

Pvridine

Concen: 36.140 ng

RT: 3.44 min Scan# 94

Delta R.T. -0.01 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

Instrument :

BNA_M

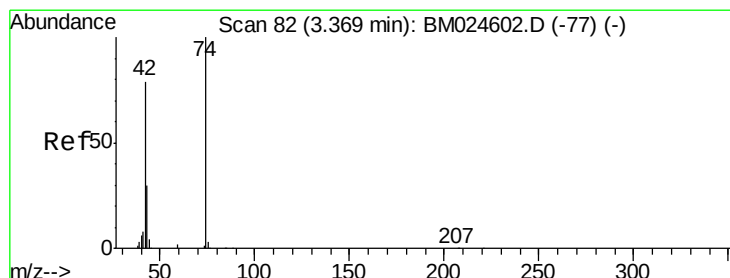
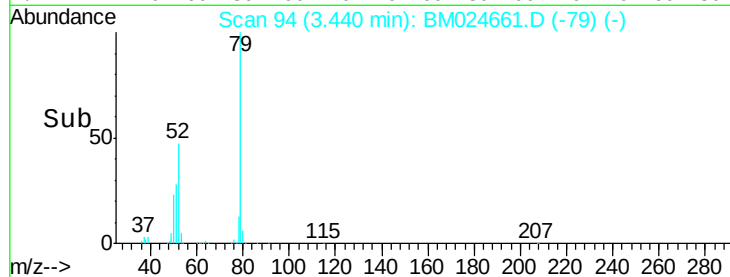
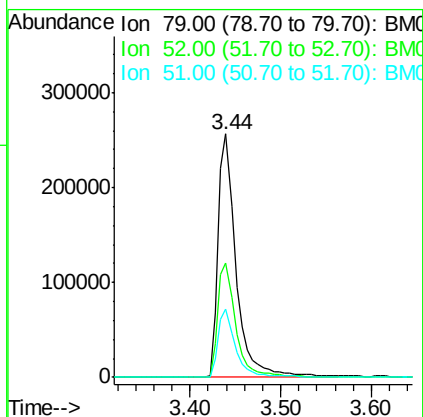
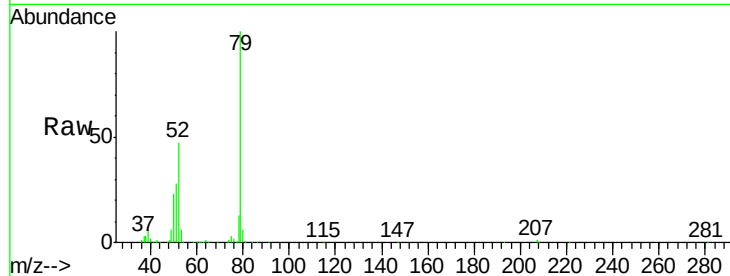
ClientSampleId :

PB126393BS

Tot Ion:	79	Resp:	351203
Ion	Ratio	Lower	Upper
79	100		
52	47.1	41.4	62.2
51	27.8	23.8	35.8

Manual Integrations
APPROVED

mohammad
2/3/2020 7:55:32 AM



#4

n-Nitrosodimethylamine

Concen: 35.259 ng

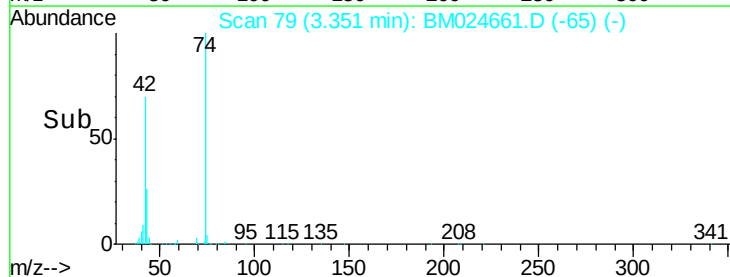
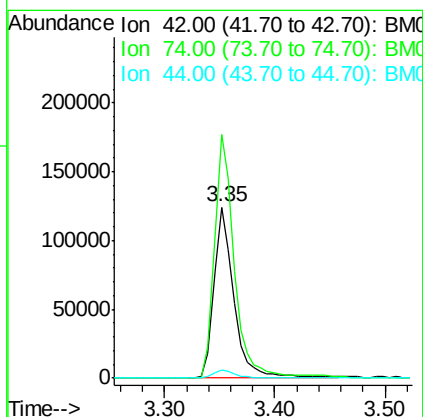
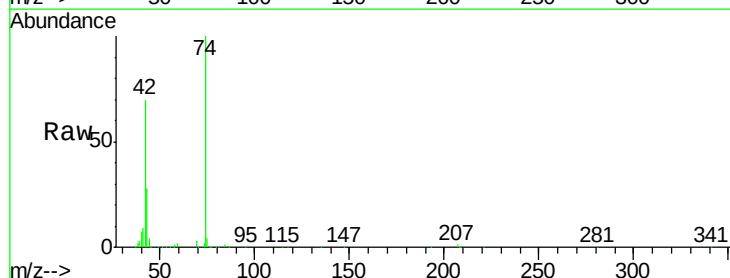
RT: 3.35 min Scan# 79

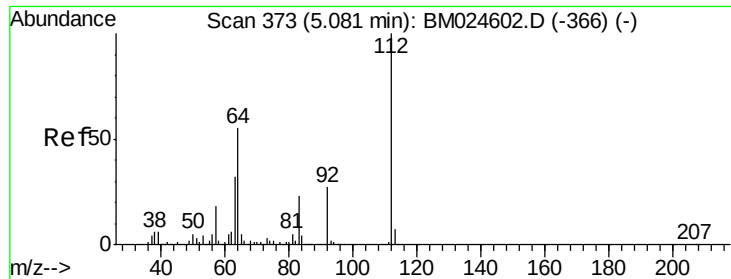
Delta R.T. -0.02 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

Tgt Ion:	42	Resp:	152090
Ion	Ratio	Lower	Upper
42	100		
74	142.4	101.4	152.2
44	5.0	4.6	6.8





#5

2-Fluorophenol

Concen: 87.836 ng

RT: 5.07 min Scan# 372

Delta R.T. -0.01 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

Instrument :

BNA_M

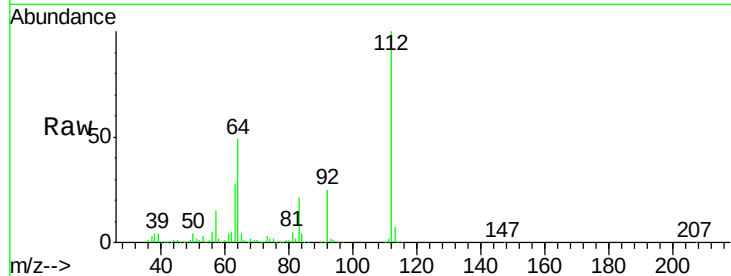
ClientSampleId :

PB126393BS

Tot Ion:	112	Resp:	744367
Ion Ratio	Lower	Upper	
112	100		
64	49.0	44.2	66.4
63	27.5	25.9	38.9

Manual Integrations
APPROVED

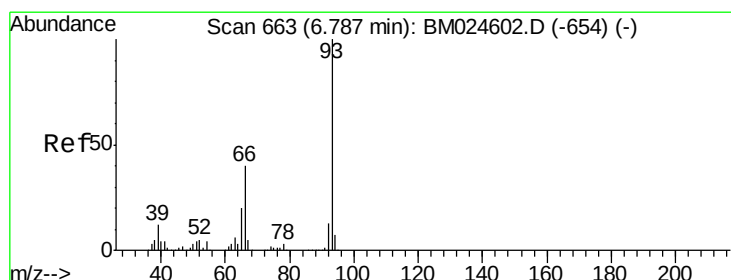
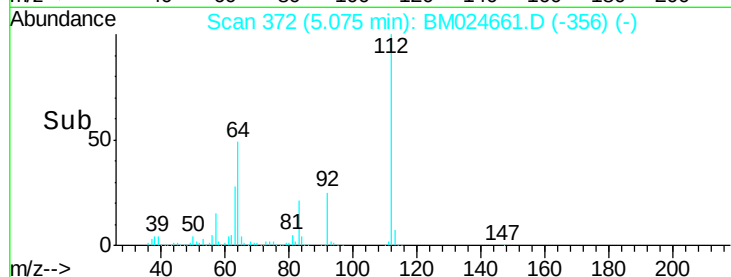
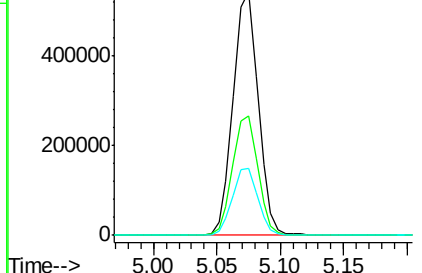
mohammad
2/3/2020 7:55:32 AM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#6

Aniline

Concen: 33.850 ng

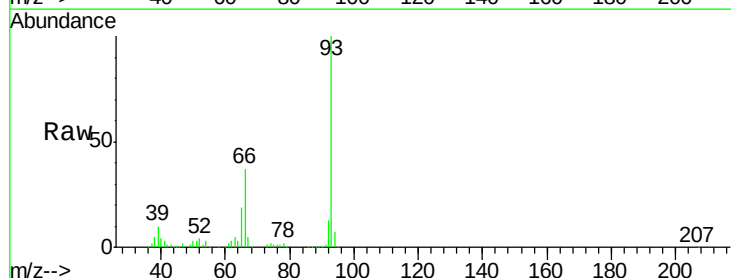
RT: 6.77 min Scan# 660

Delta R.T. -0.02 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

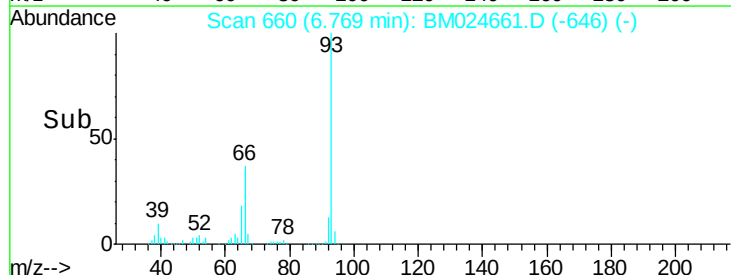
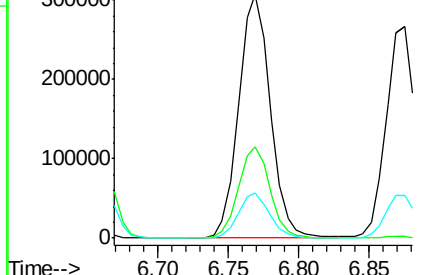
Tgt Ion:	93	Resp:	481071
Ion Ratio	Lower	Upper	
93	100		
66	37.3	31.8	47.8
65	18.8	15.8	23.6

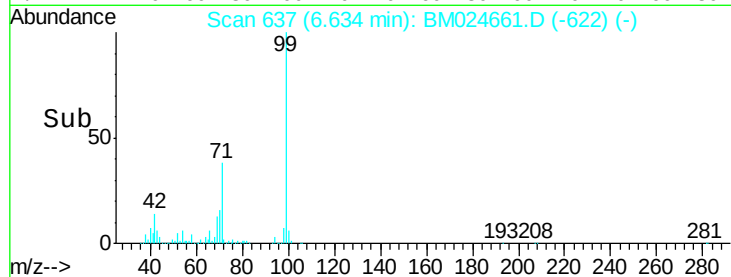
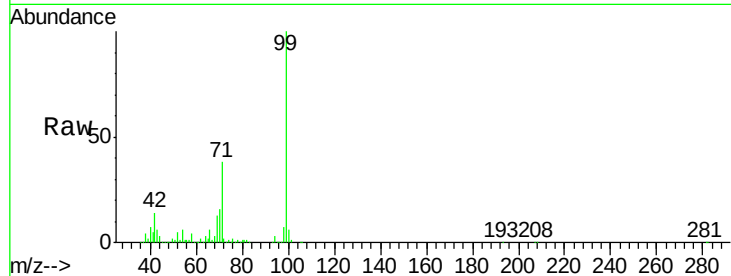
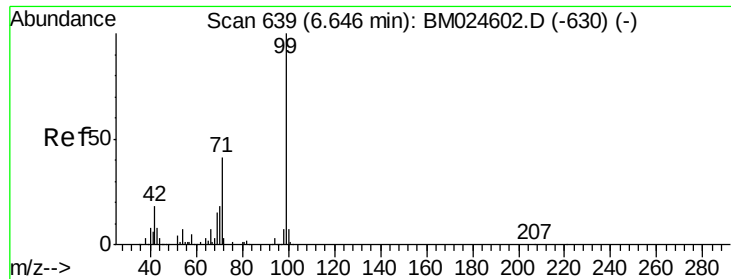


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 78.681 ng

RT: 6.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

Tot Ion:	99	Resp:	918539
Ion Ratio	Lower	Upper	
99	100		
42	14.5	14.1	21.1
71	37.6	33.0	49.6

Instrument :

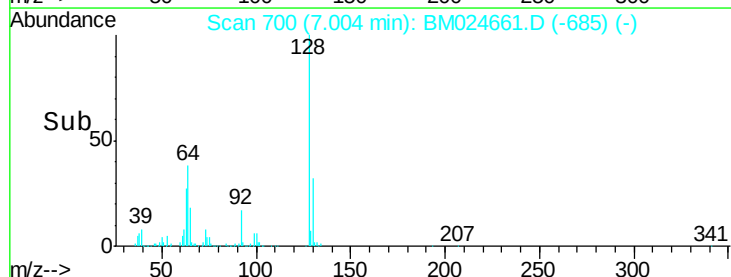
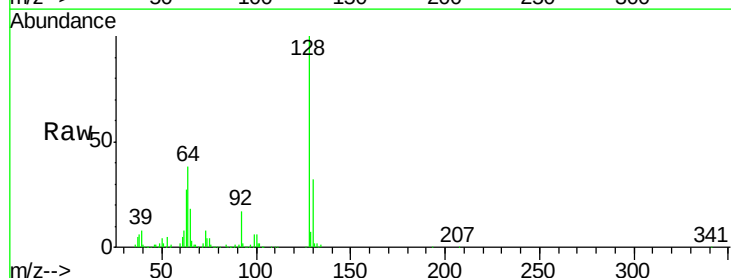
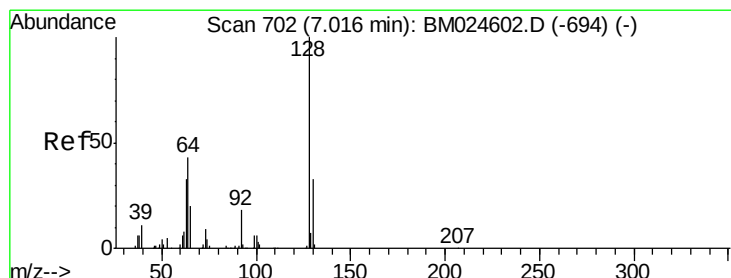
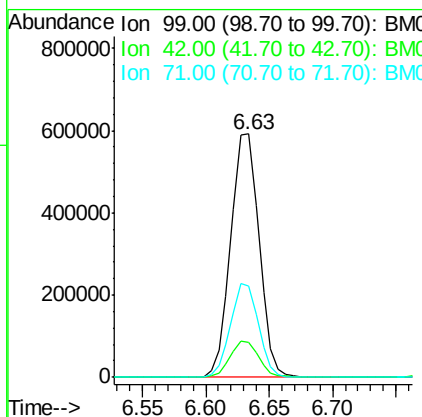
BNA_M

ClientSampleId :

PB126393BS

Manual Integrations
APPROVED

mohammad
2/3/2020 7:55:32 AM



#8

2-Chlorophenol

Concen: 47.935 ng

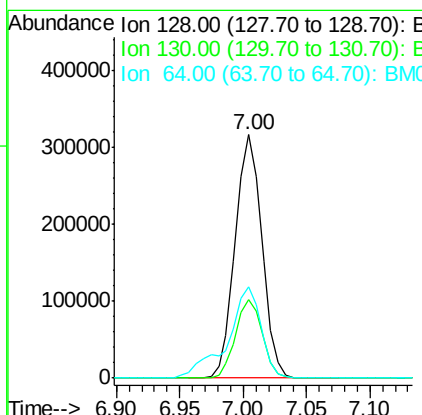
RT: 7.00 min Scan# 700

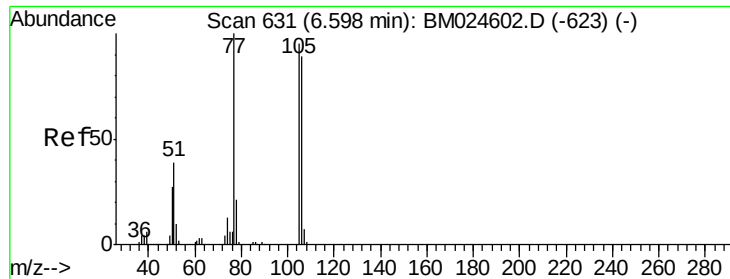
Delta R.T. -0.01 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

Tgt Ion:	128	Resp:	462432
Ion Ratio	Lower	Upper	
128	100		
130	32.4	12.5	52.5
64	37.6	26.1	66.1





#9

Benzaldehyde

Concen: 31.261 ng

RT: 6.58 min Scan# 628

Delta R.T. -0.02 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

Instrument :

BNA_M

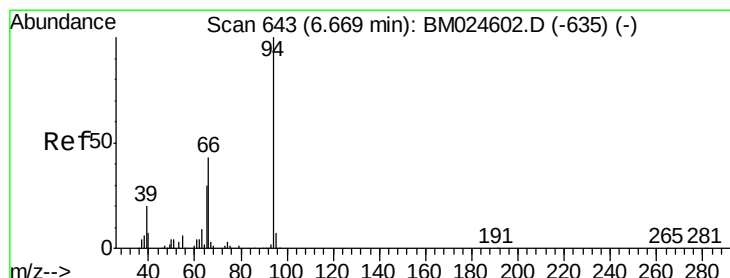
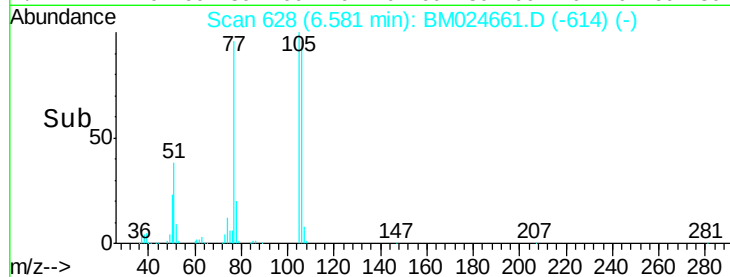
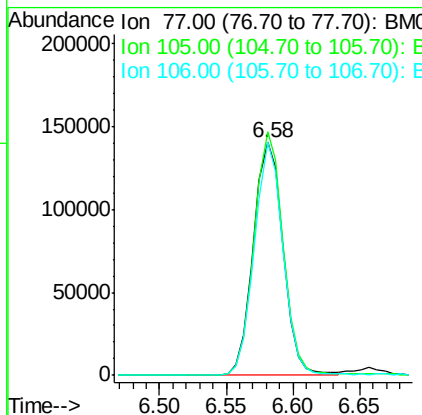
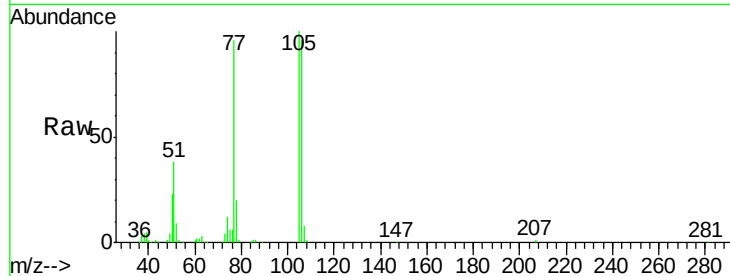
ClientSampleId :

PB126393BS

Tot Ion:	77	Resp:	215639
Ion Ratio	Lower	Upper	
77	100		
105	104.4	75.2	115.2
106	100.0	68.6	108.6

Manual Integrations
APPROVED

mohammad
2/3/2020 7:55:32 AM



#10

Phenol

Concen: 44.302 ng

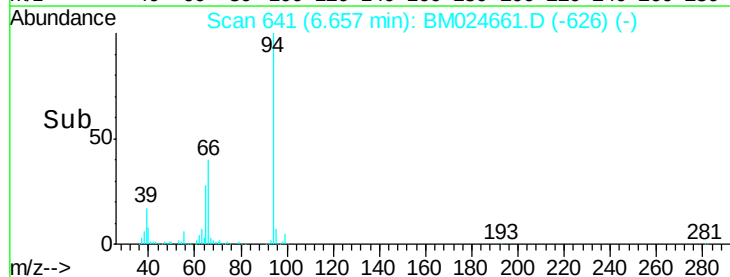
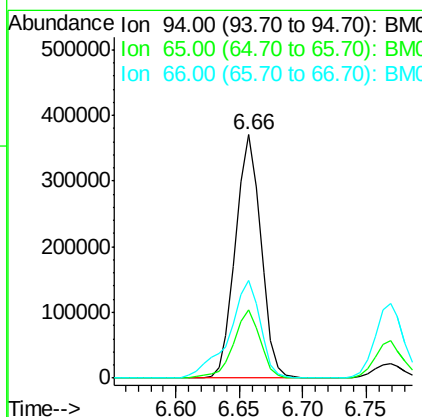
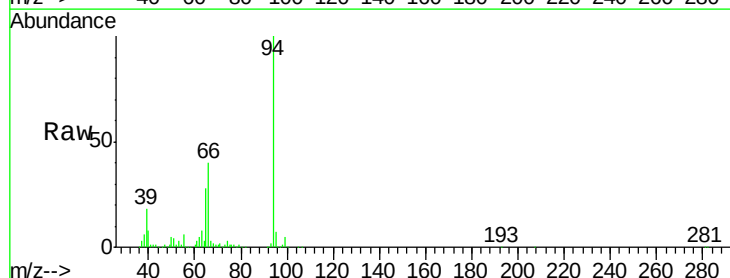
RT: 6.66 min Scan# 641

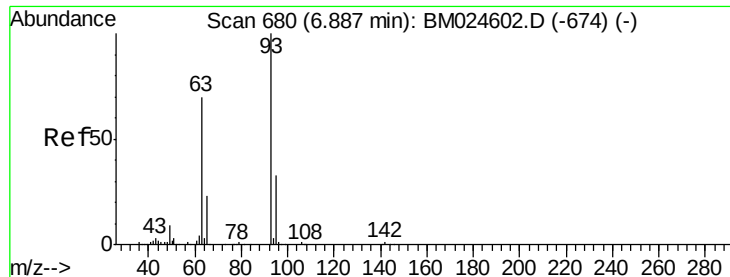
Delta R.T. -0.01 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

Tgt Ion:	94	Resp:	515541
Ion Ratio	Lower	Upper	
94	100		
65	28.3	10.3	50.3
66	39.9	24.8	64.8





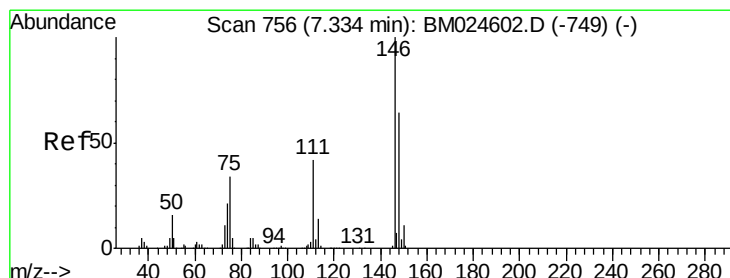
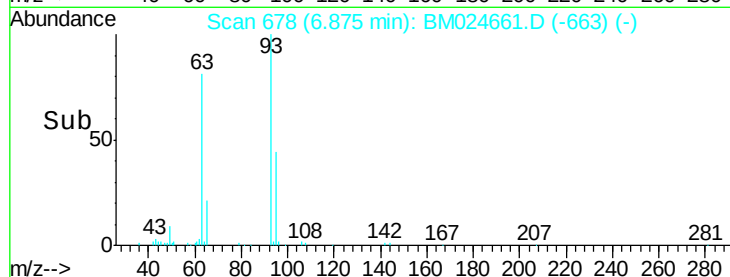
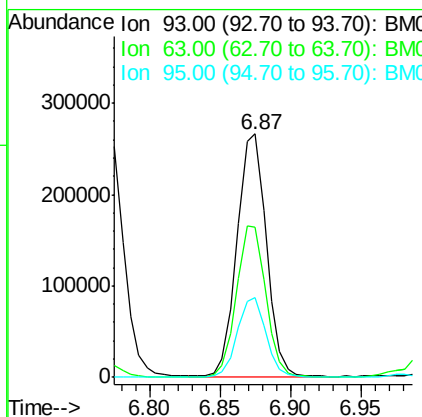
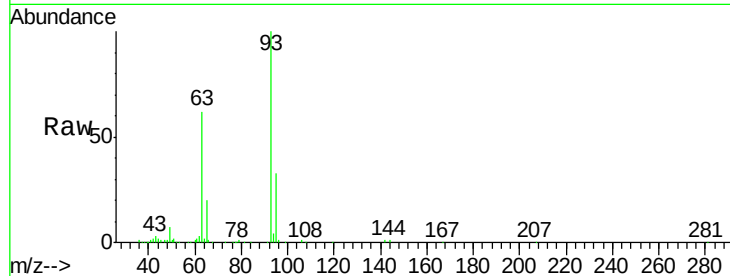
#11
bis(2-Chloroethyl)ether
Concen: 41.198 ng
RT: 6.87 min Scan# 678
Delta R.T. -0.01 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

Instrument :
BNA_M
ClientSampleId :
PB126393BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	61.8	49.6	89.6
95	32.9	12.6	52.6

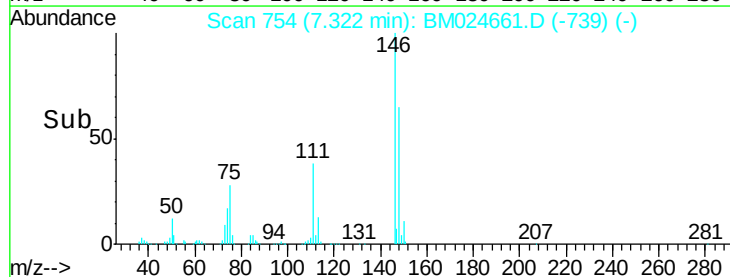
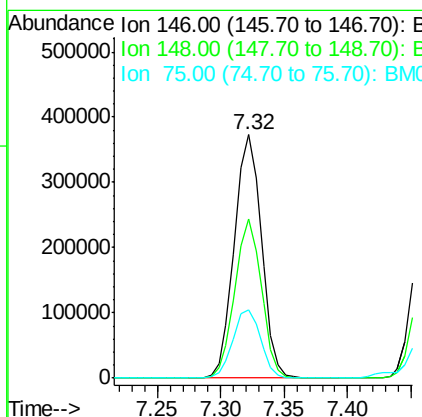
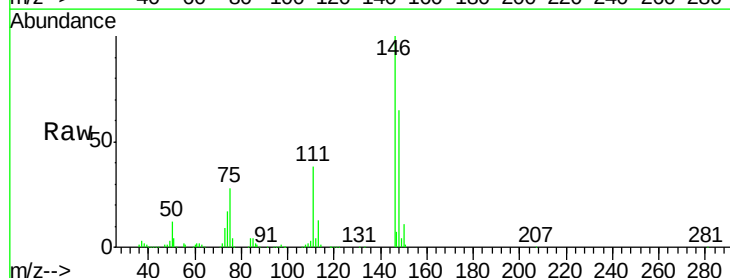
Manual Integrations
APPROVED

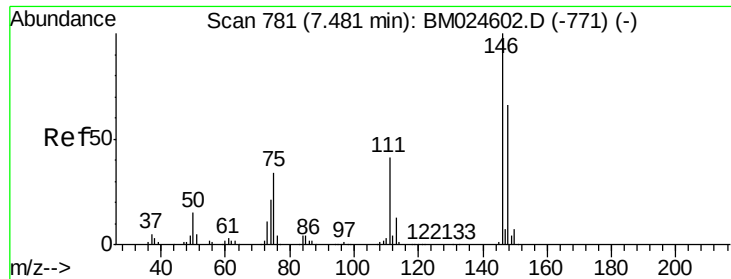
mohammad
2/3/2020 7:55:32 AM



#12
1,3-Dichlorobenzene
Concen: 46.821 ng
RT: 7.32 min Scan# 754
Delta R.T. -0.01 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.0	76.6
75	27.9	27.0	40.4





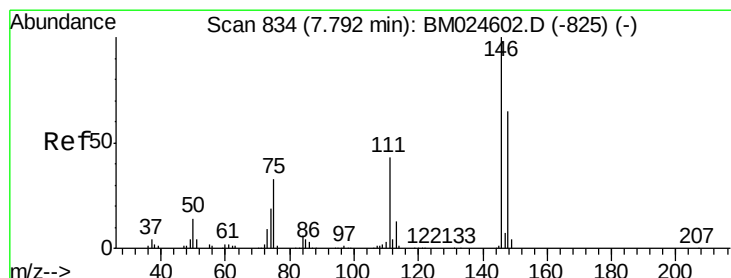
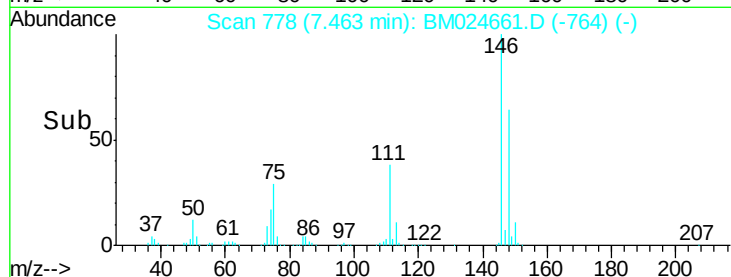
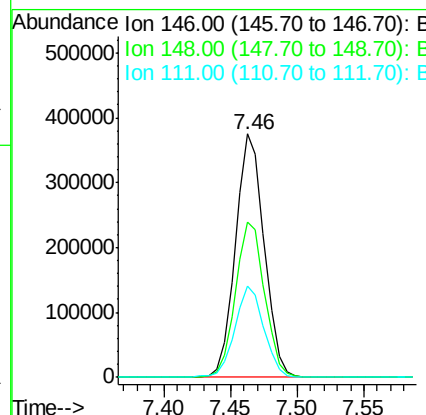
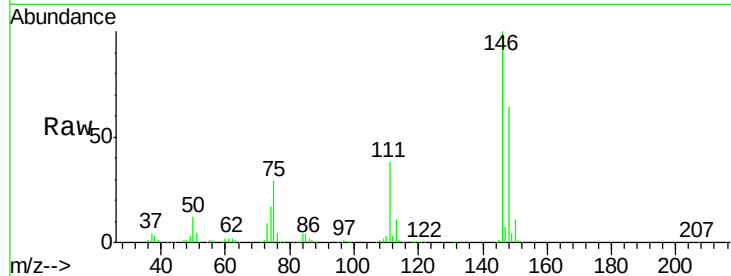
#13
 1,4-Dichlorobenzene
 Concen: 46.795 ng
 RT: 7.46 min Scan# 778
 Delta R.T. -0.02 min
 Lab File: BM024661.D
 Acq: 30 Jan 2020 16:45

Instrument :
 BNA_M
 ClientSampleId :
 PB126393BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.5	78.7
111	37.6	33.0	49.4

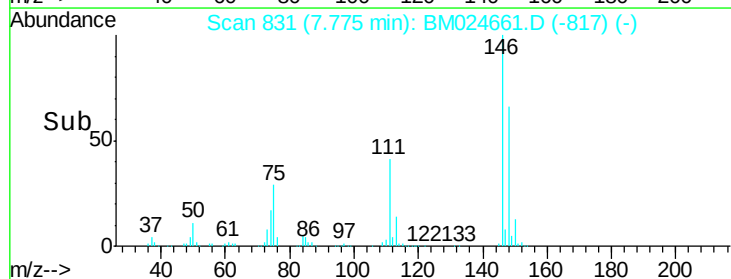
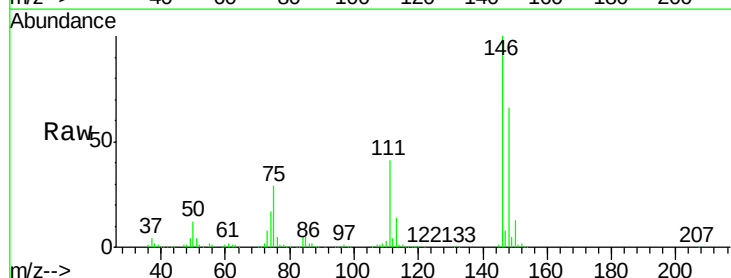
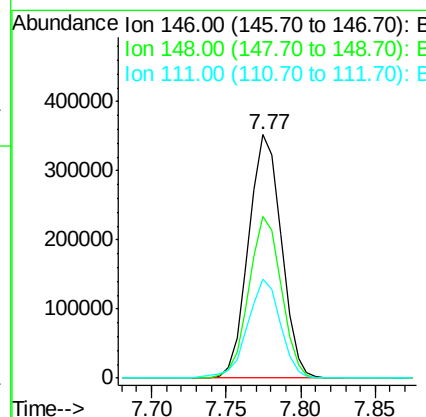
Manual Integrations
 APPROVED

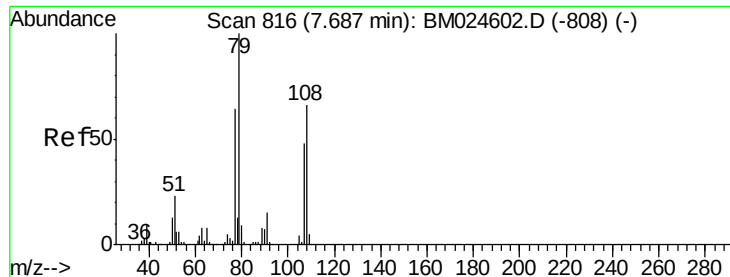
mohammad
 2/3/2020 7:55:32 AM



#14
 1,2-Dichlorobenzene
 Concen: 46.166 ng
 RT: 7.77 min Scan# 831
 Delta R.T. -0.02 min
 Lab File: BM024661.D
 Acq: 30 Jan 2020 16:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.4	51.9	77.9
111	40.6	34.5	51.7





#15

Benzyl Alcohol

Concen: 38.616 ng

RT: 7.67 min Scan# 814

Delta R.T. -0.01 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

Instrument :

BNA_M

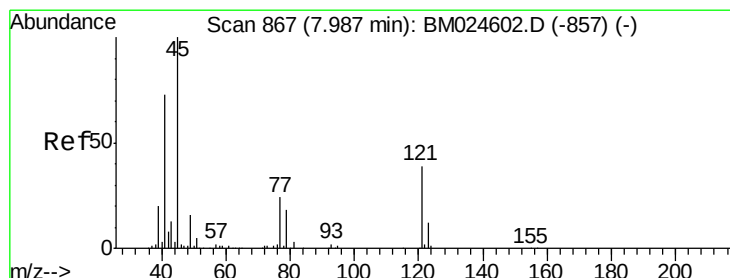
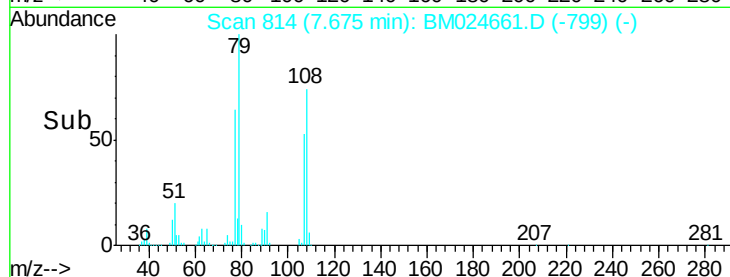
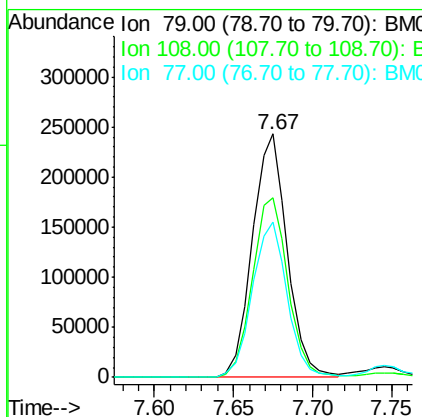
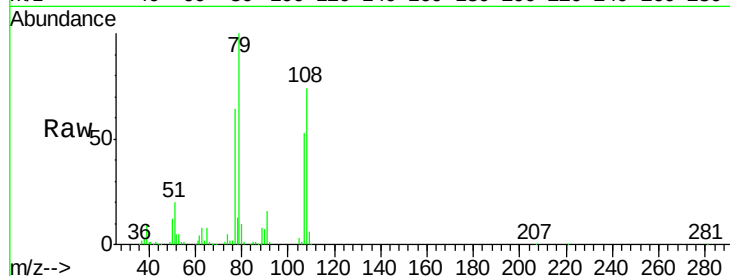
ClientSampleId :

PB126393BS

Tot Ion:	79	Resp:	371684
Ion	Ratio	Lower	Upper
79	100		
108	73.7	53.0	79.4
77	63.9	50.8	76.2

Manual Integrations
APPROVED

mohammad
2/3/2020 7:55:32 AM



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.174 ng

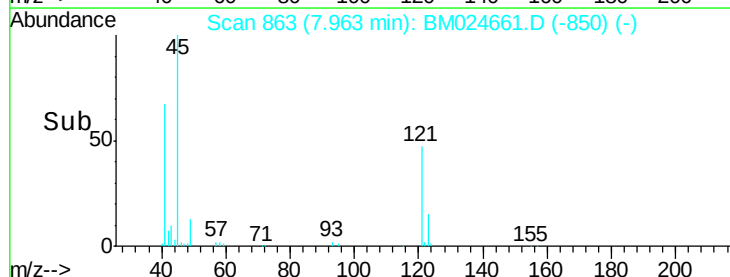
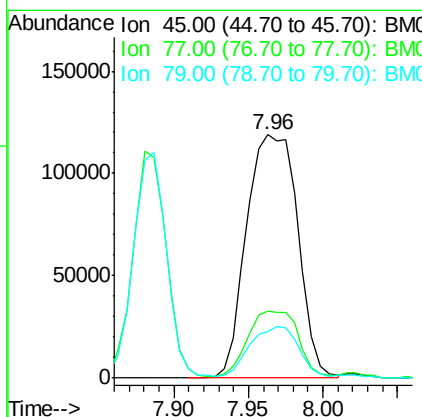
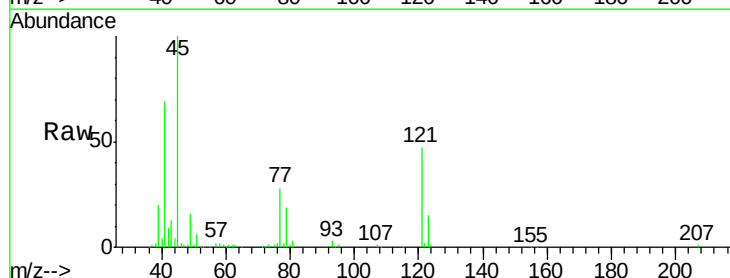
RT: 7.96 min Scan# 863

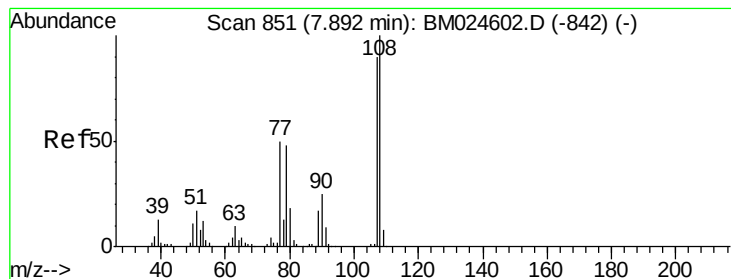
Delta R.T. -0.02 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

Tgt Ion:	45	Resp:	282917
Ion	Ratio	Lower	Upper
45	100		
77	27.5	5.2	45.2
79	19.3	0.0	39.4





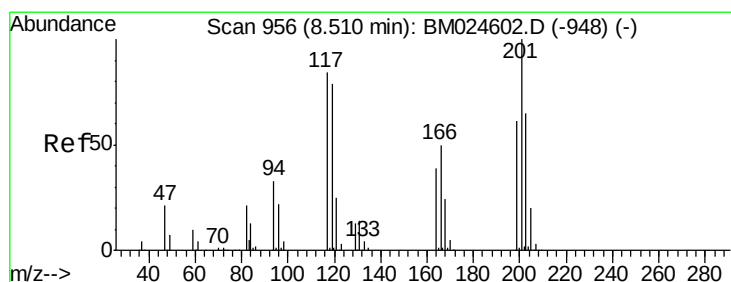
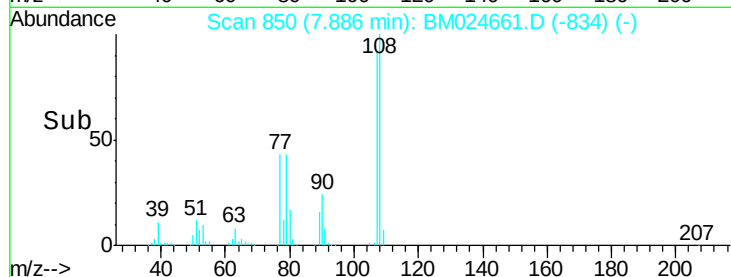
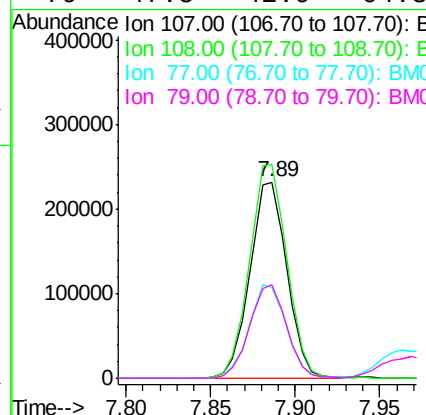
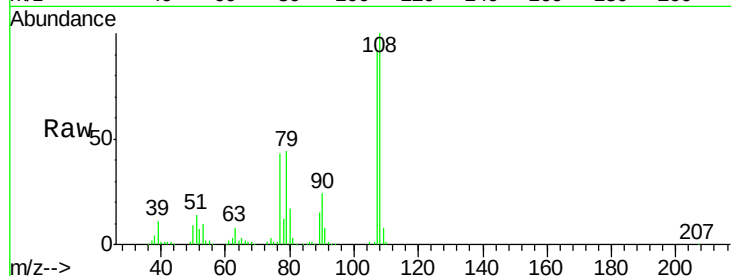
#17
2-Methylphenol
Concen: 43.175 ng
RT: 7.89 min Scan# 850
Delta R.T. -0.01 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

Instrument :
BNA_M
ClientSampleId :
PB126393BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.8	88.9	133.3	
77	46.6	44.5	66.7	
79	47.5	42.9	64.3	

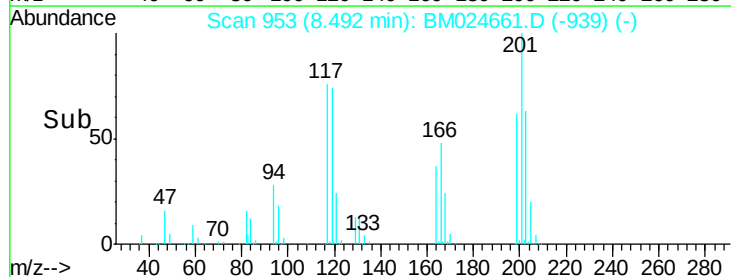
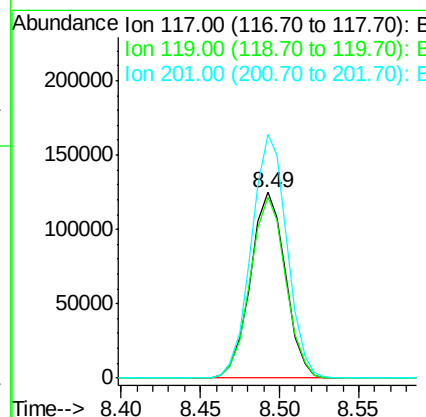
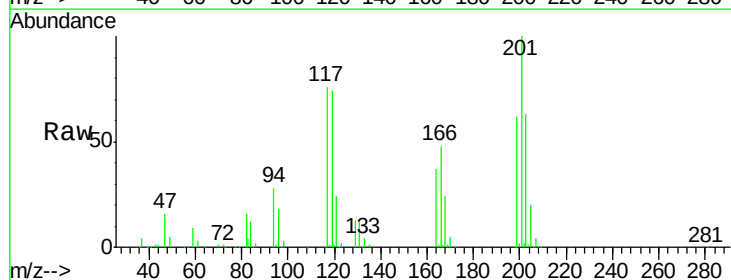
Manual Integrations
APPROVED

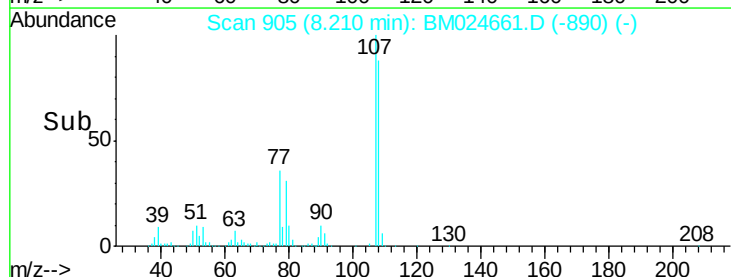
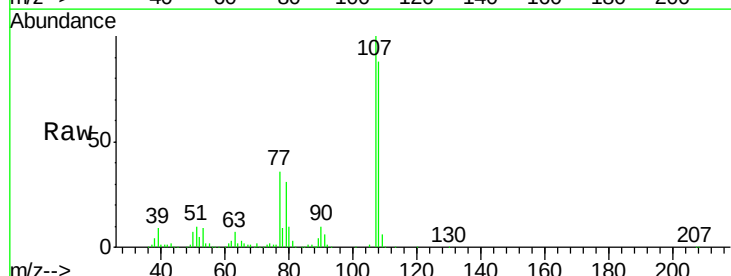
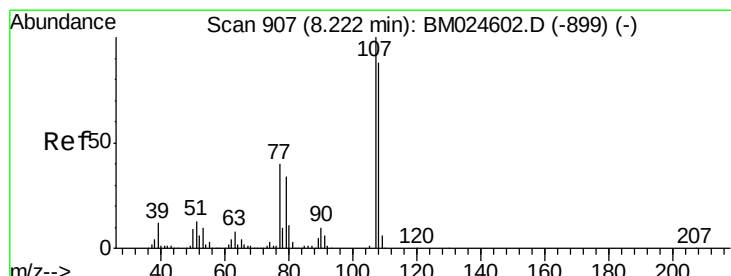
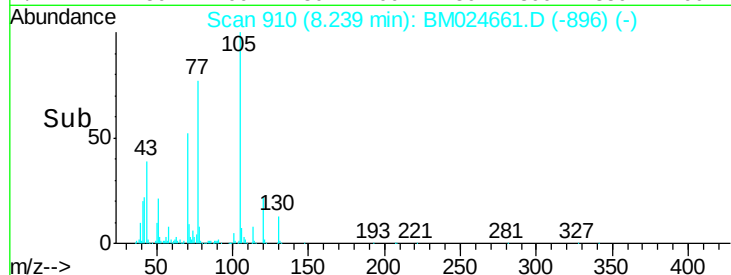
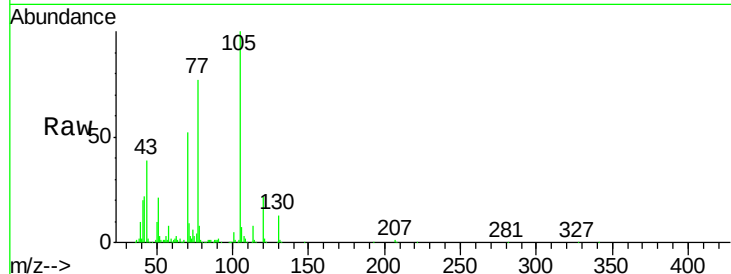
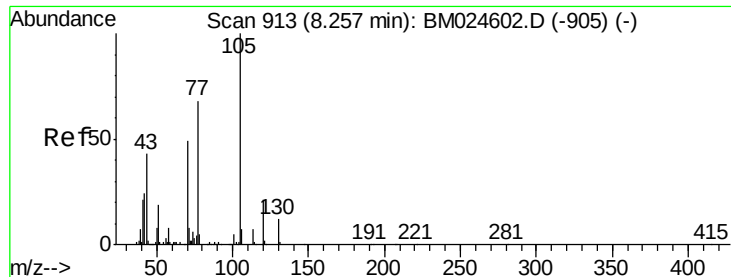
mohammad
2/3/2020 7:55:32 AM



#18
Hexachloroethane
Concen: 41.430 ng
RT: 8.49 min Scan# 953
Delta R.T. -0.02 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

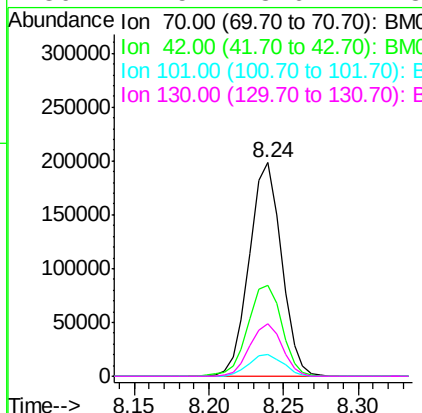
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.3	75.4	113.2	
201	131.0	95.8	143.6	





#19
n-Nitroso-di-n-propylamine
Concen: 33.815 ng
RT: 8.24 min Scan# 910
Delta R.T. -0.02 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		296394		
42	42.6	40.0	60.0		
101	10.4	8.2	12.2		
130	24.5	18.6	27.8		



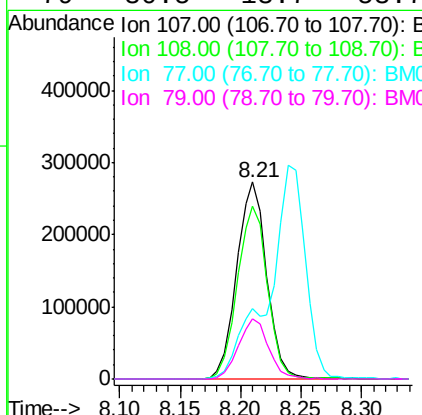
Instrument :
BNA_M
ClientSampleId :
PB126393BS

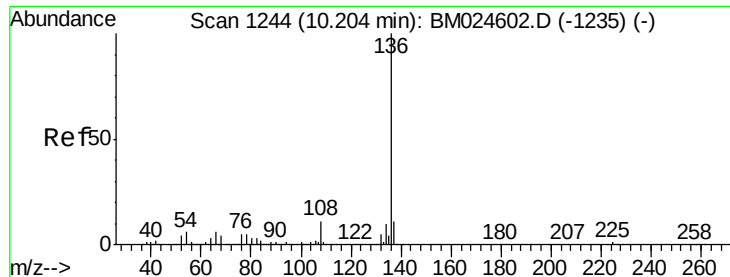
Manual Integrations
APPROVED

mohammad
2/3/2020 7:55:32 AM

#20
3+4-Methylphenols
Concen: 41.463 ng
RT: 8.21 min Scan# 905
Delta R.T. -0.01 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		470678		
108	87.7	68.0	108.0		
77	35.6	19.9	59.9		
79	30.5	13.7	53.7		





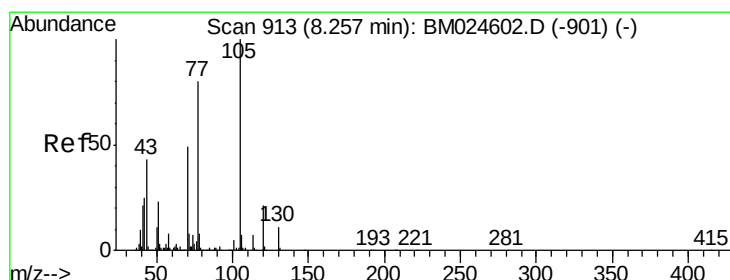
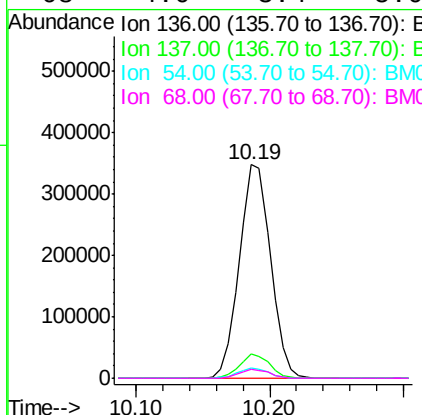
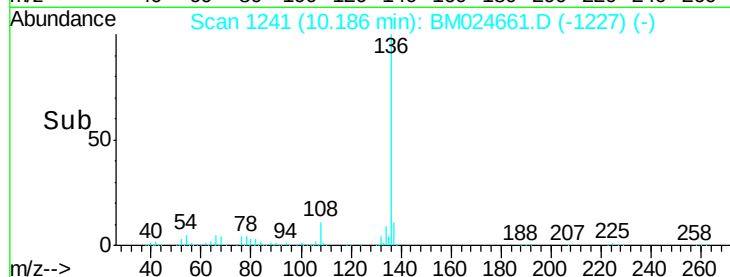
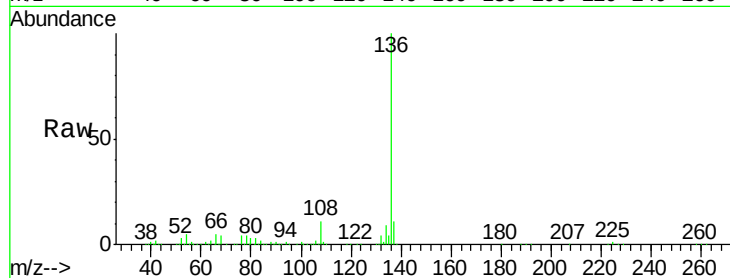
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.19 min Scan# 1241
Delta R.T. -0.02 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

Instrument :
BNA_M
ClientSampleId :
PB126393BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.3		8.6	13.0	
54	4.8		4.5	6.7	
68	4.0		3.4	5.0	

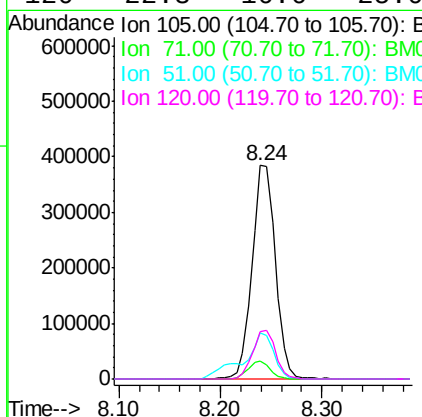
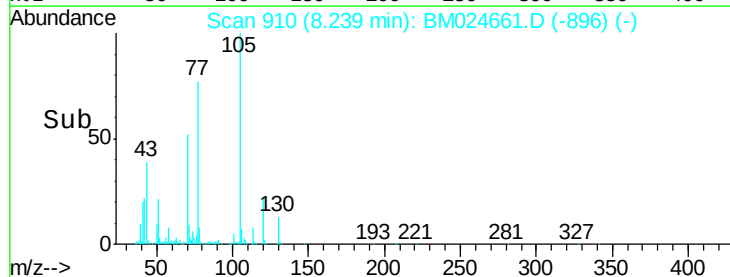
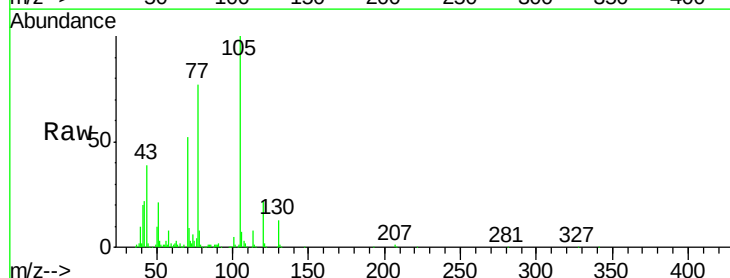
Manual Integrations
APPROVED

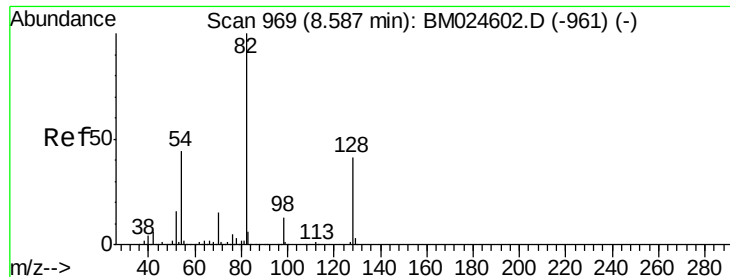
mohammad
2/3/2020 7:55:32 AM



#22
Acetophenone
Concen: 42.439 ng
RT: 8.24 min Scan# 910
Delta R.T. -0.02 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	8.7		6.7	10.1	
51	21.4		18.5	27.7	
120	22.3		16.6	25.0	





#23

Nitrobenzene-d5

Concen: 71.197 ng

RT: 8.57 min Scan# 966

Delta R.T. -0.02 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

Instrument :

BNA_M

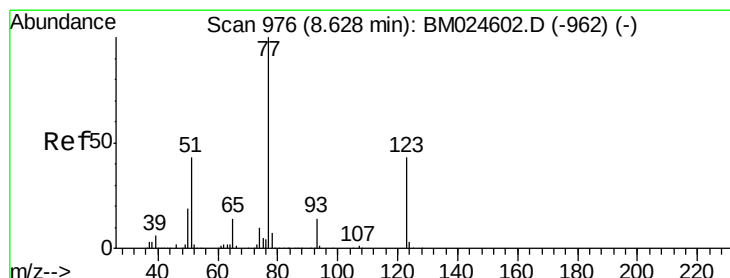
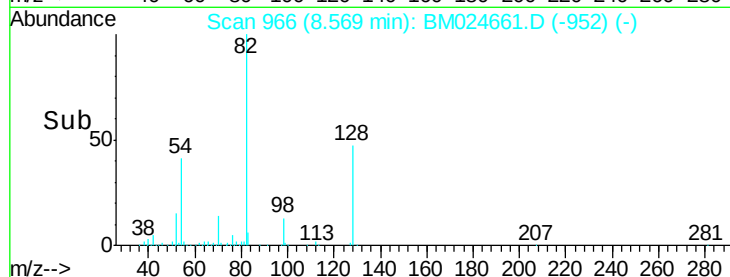
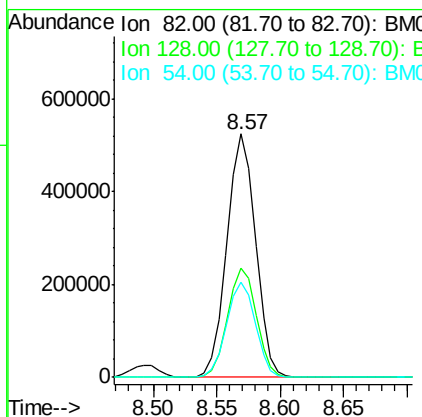
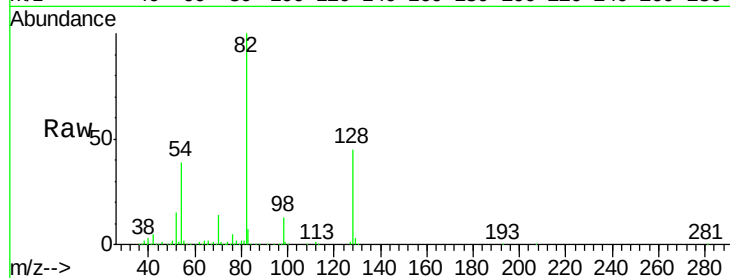
ClientSampleId :

PB126393BS

Tot Ion:	82	Resp:	818791
Ion Ratio	Lower	Upper	
82	100		
128	45.1	32.6	48.8
54	39.0	34.8	52.2

Manual Integrations
APPROVED

mohammad
2/3/2020 7:55:32 AM



#24

Nitrobenzene

Concen: 41.815 ng

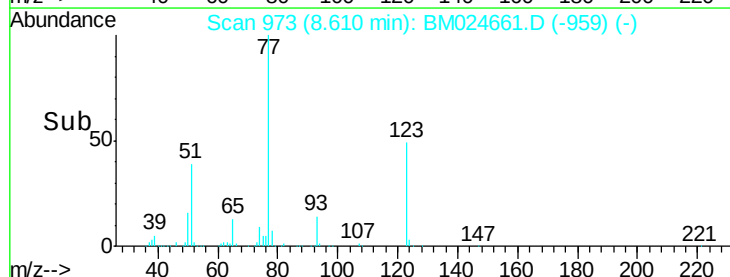
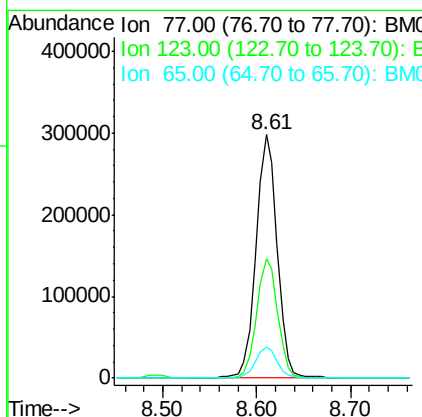
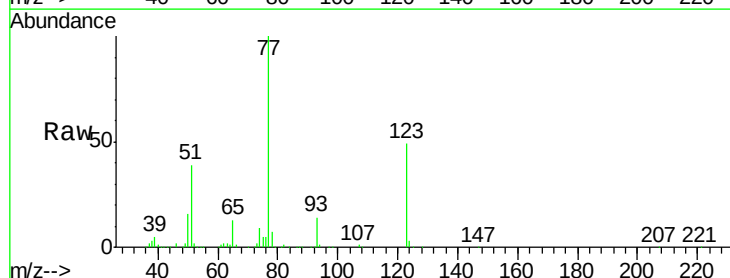
RT: 8.61 min Scan# 973

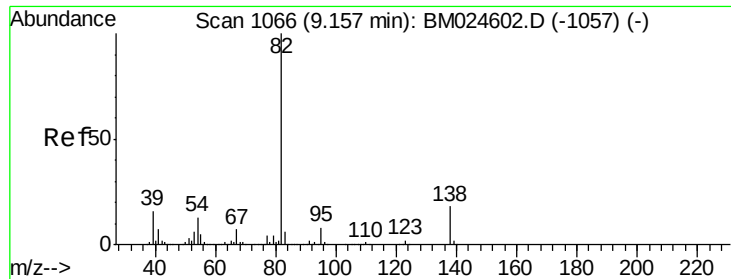
Delta R.T. -0.02 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

Tgt Ion:	77	Resp:	460832
Ion Ratio	Lower	Upper	
77	100		
123	49.3	34.6	52.0
65	12.7	11.0	16.4





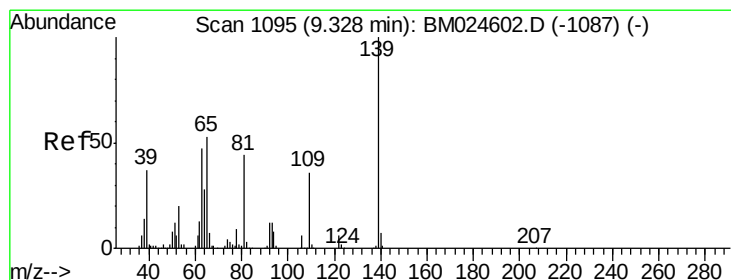
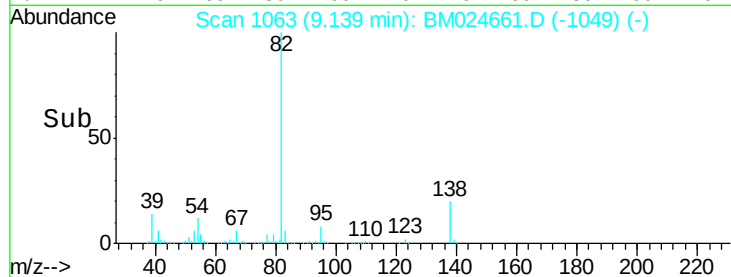
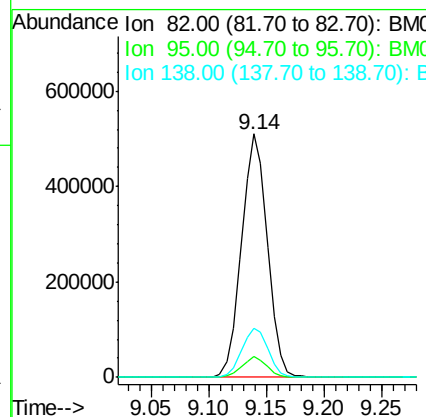
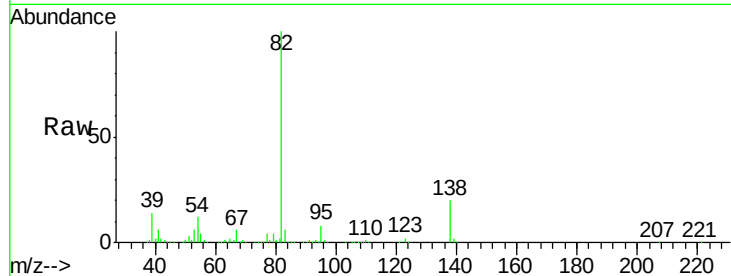
#25
Isophorone
Concen: 40.380 ng
RT: 9.14 min Scan# 1063
Delta R.T. -0.02 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

Instrument :
BNA_M
ClientSampleId :
PB126393BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.4	6.7	10.1	
138	20.1	14.7	22.1	

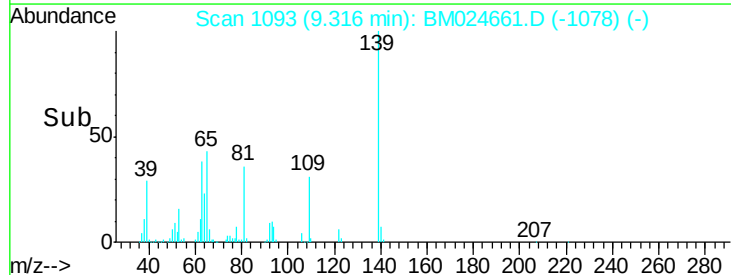
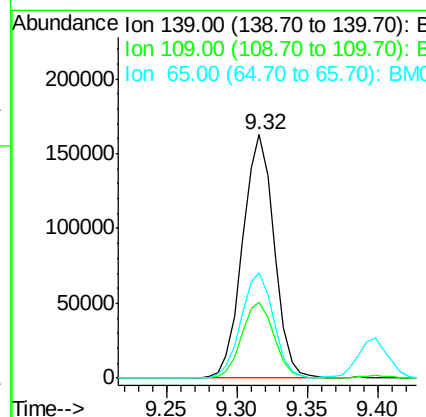
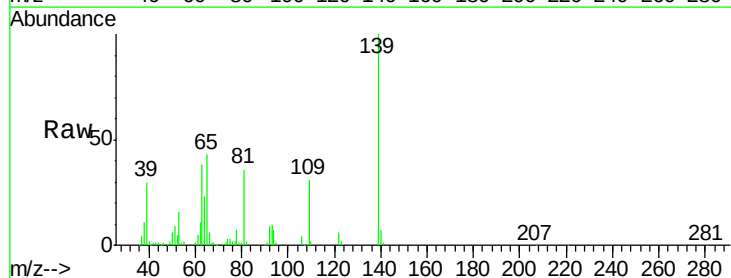
Manual Integrations
APPROVED

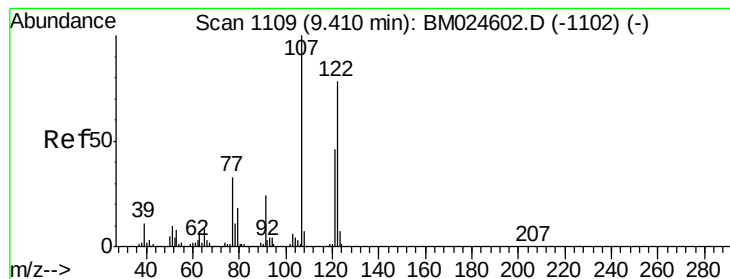
mohammad
2/3/2020 7:55:32 AM



#26
2-Nitrophenol
Concen: 49.991 ng
RT: 9.32 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	31.2	28.8	43.2	
65	43.2	42.6	63.8	





#27

2,4-Dimethylphenol

Concen: 56.416 ng

RT: 9.40 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

Instrument :

BNA_M

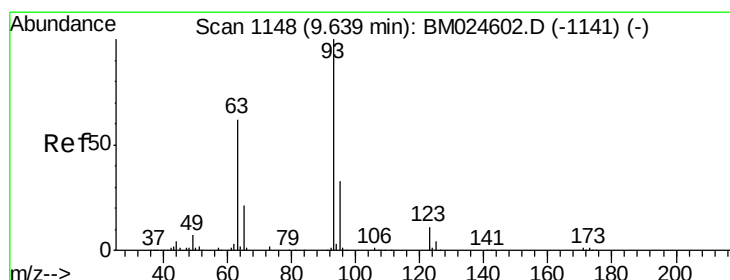
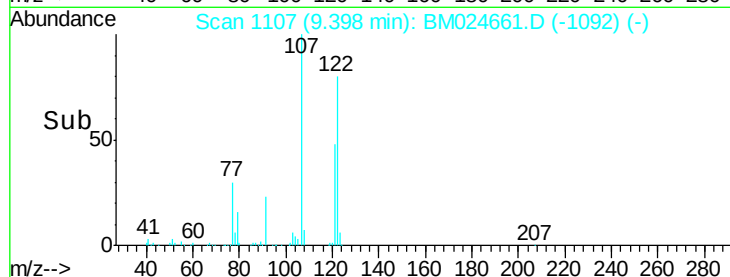
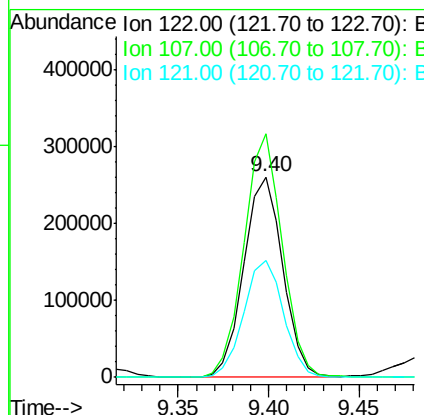
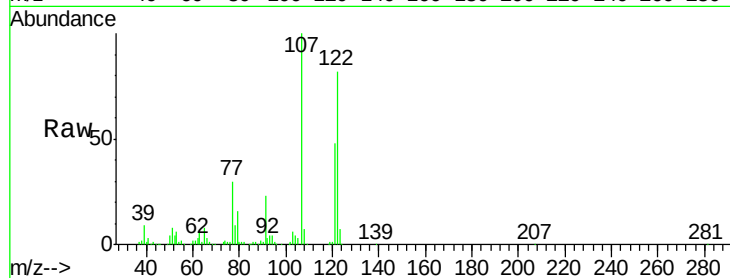
ClientSampleId :

PB126393BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		391225		
107	121.6	102.5	153.7		
121	58.6	47.0	70.4		

Manual Integrations
APPROVED

mohammad
2/3/2020 7:55:32 AM



#28

bis(2-Chloroethoxy)methane

Concen: 40.342 ng

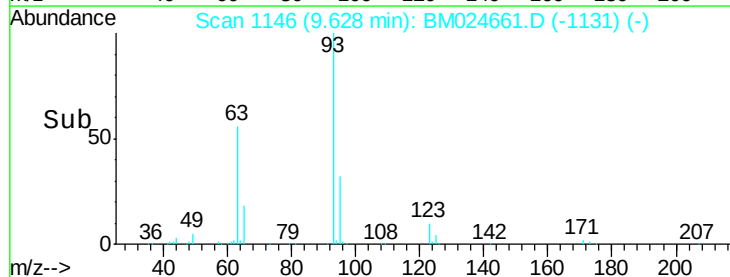
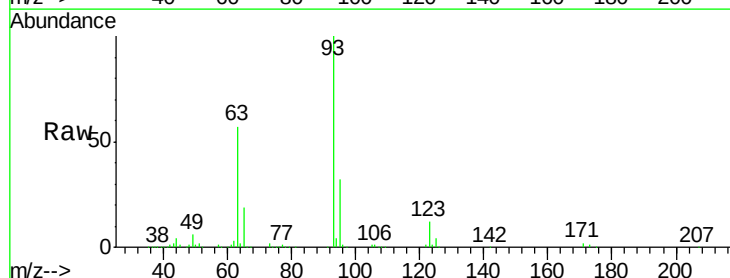
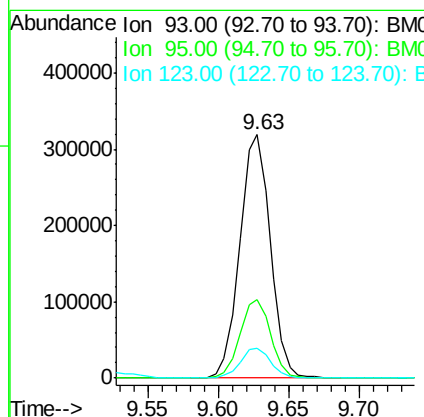
RT: 9.63 min Scan# 1146

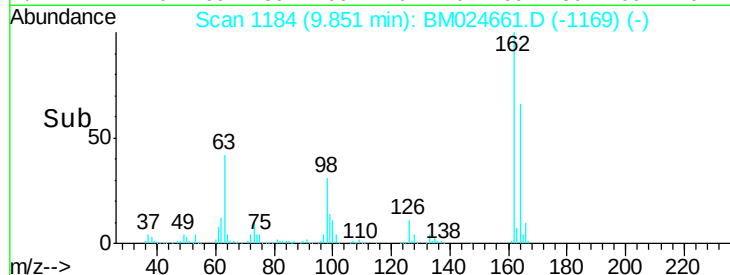
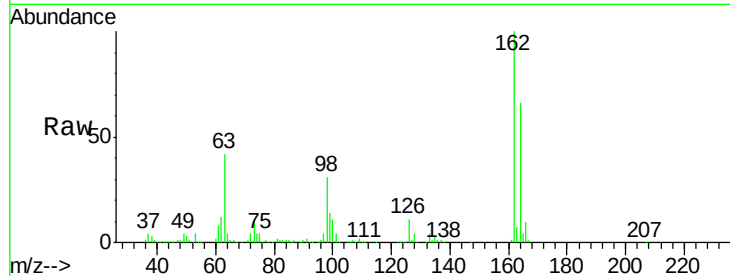
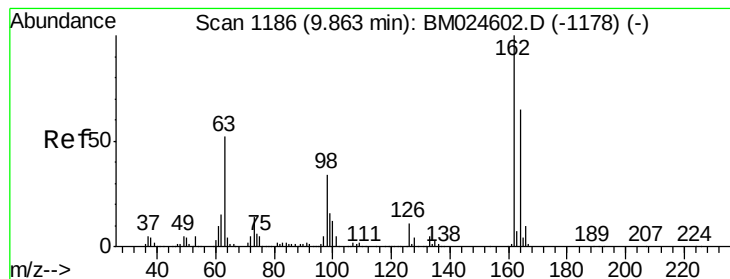
Delta R.T. -0.01 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		481566		
95	32.4	26.1	39.1		
123	12.2	8.7	13.1		





#29

2,4-Dichlorophenol

Concen: 49.751 ng

RT: 9.85 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

Tot Ion	Ratio	Resp	Lower	Upper
162	100	466109		
164	65.5	44.5	84.5	
98	31.3	14.2	54.2	

Instrument :

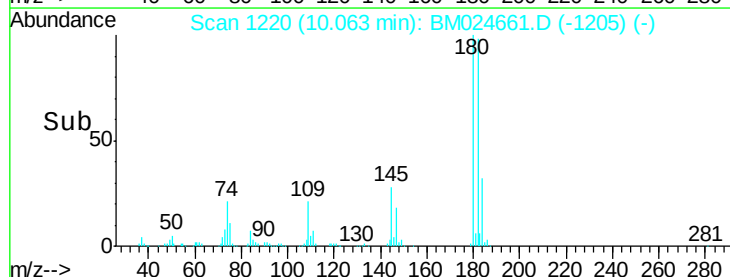
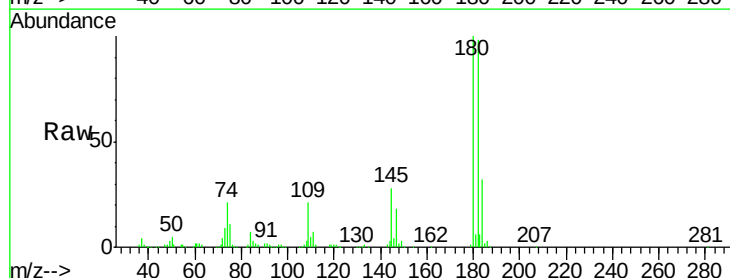
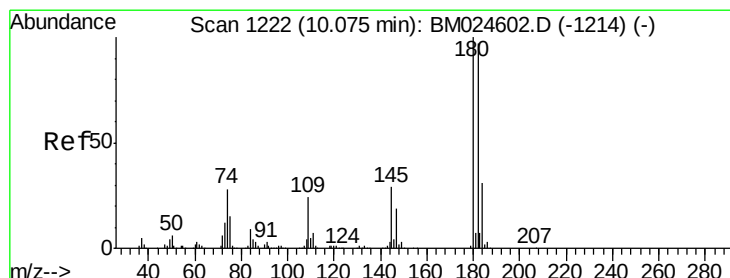
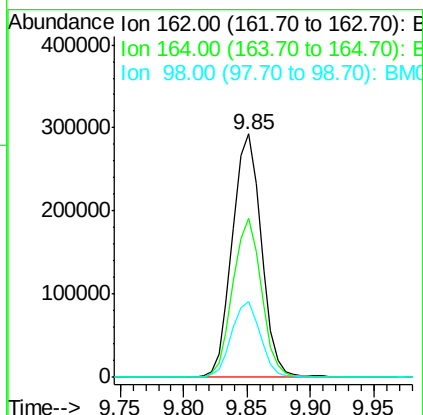
BNA_M

ClientSampleId :

PB126393BS

Manual Integrations
APPROVED

mohammad
2/3/2020 7:55:32 AM



#30

1,2,4-Trichlorobenzene

Concen: 48.782 ng

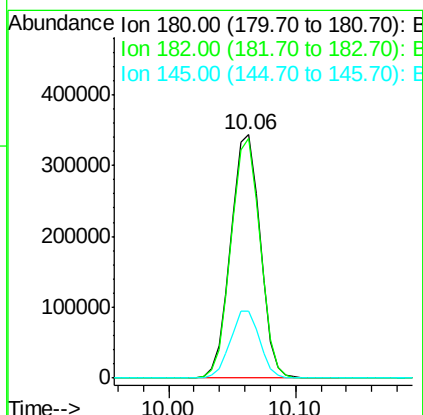
RT: 10.06 min Scan# 1220

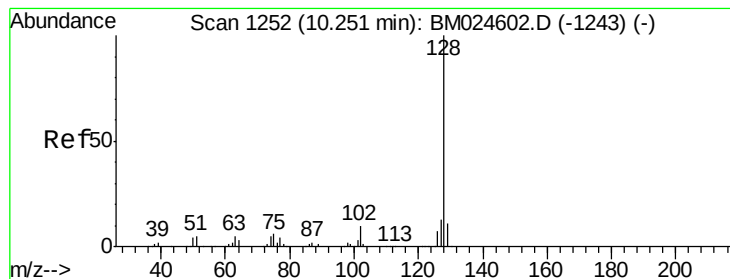
Delta R.T. -0.01 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	551210		
182	98.5	77.8	116.6	
145	27.7	22.9	34.3	





#31

Naphthalene

Concen: 47.420 ng

RT: 10.24 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

Instrument :

BNA_M

ClientSampleId :

PB126393BS

Tot Ion:128 Resp: 1350802

Ion Ratio Lower Upper

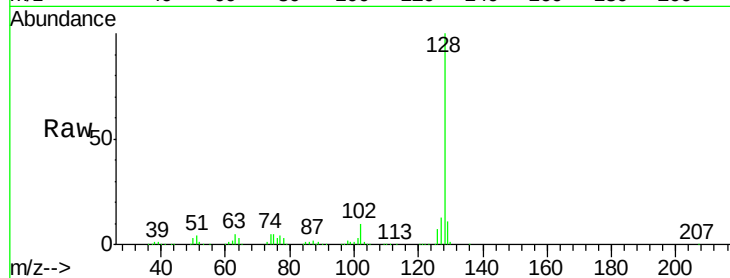
128 100

129 10.9 8.8 13.2

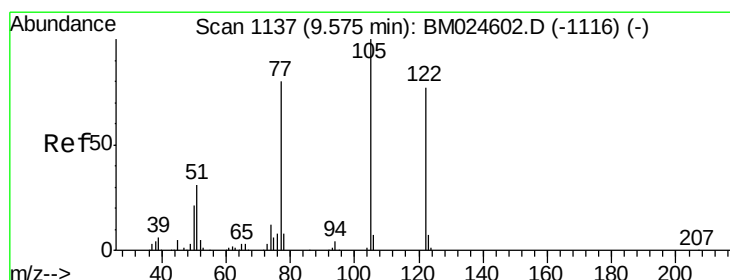
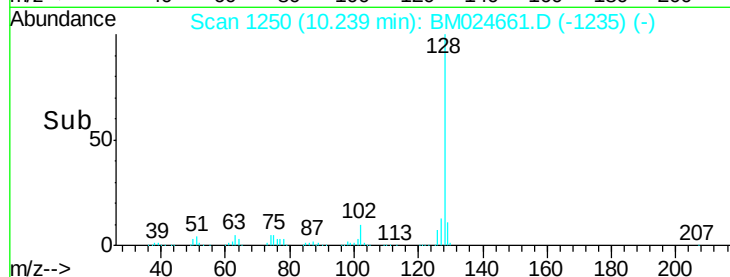
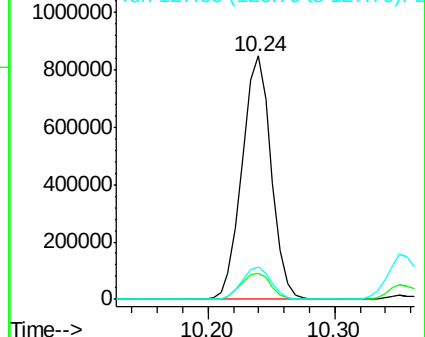
127 13.2 10.6 15.8

Manual Integrations
APPROVED

mohammad
2/3/2020 7:55:32 AM



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



#32

Benzoic acid

Concen: 42.958 ng m

RT: 9.53 min Scan# 1130

Delta R.T. -0.04 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

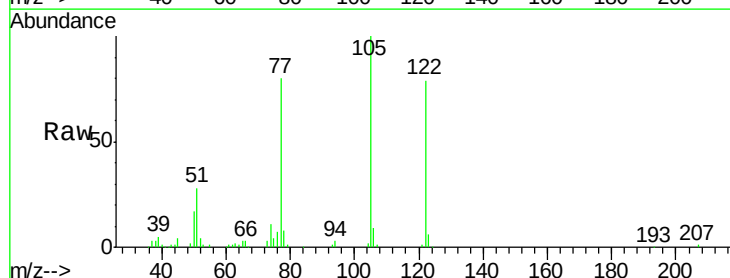
Tgt Ion:122 Resp: 272506

Ion Ratio Lower Upper

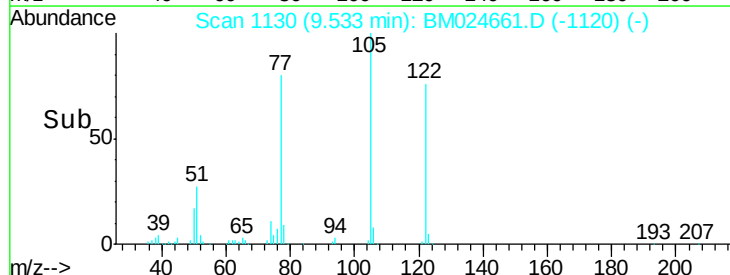
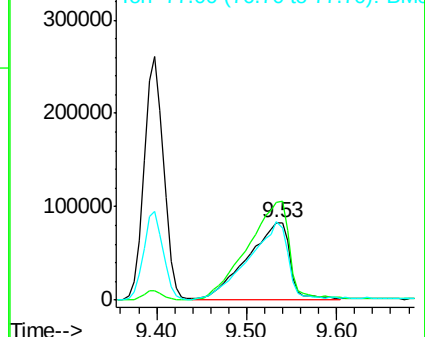
122 100

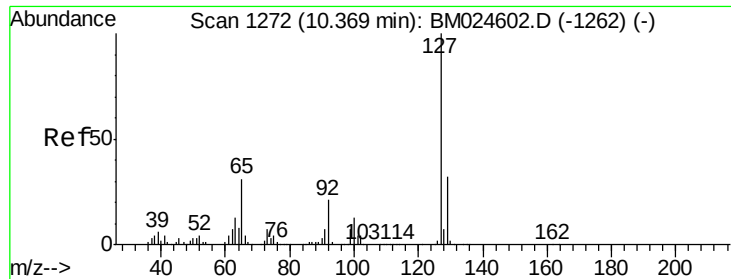
105 126.3 107.7 147.7

77 100.5 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





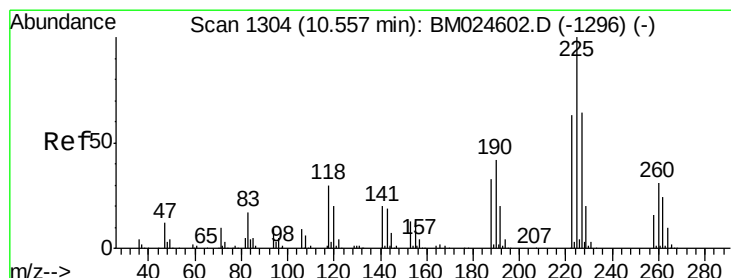
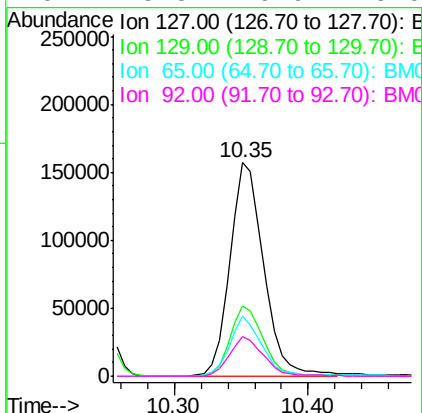
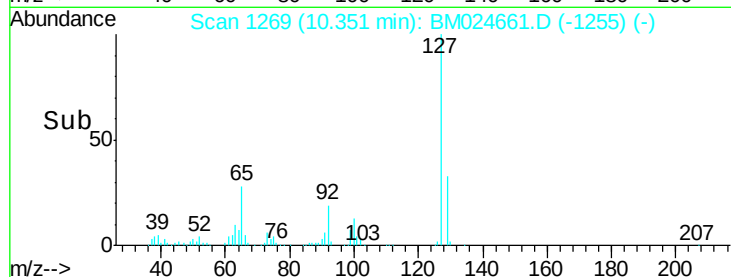
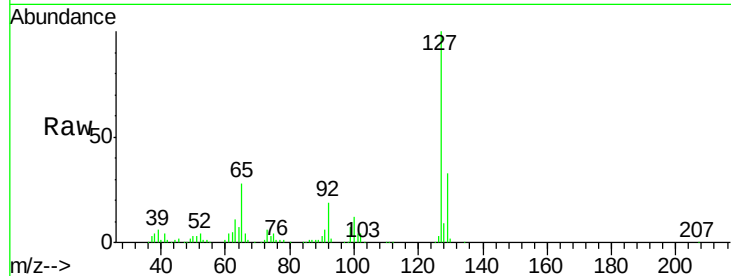
#33
4-Chloroaniline
Concen: 22.182 ng
RT: 10.35 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

Instrument :
BNA_M
ClientSampleId :
PB126393BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	276970		
129	33.2		25.9	38.9
65	27.9		25.1	37.7
92	18.8		16.6	25.0

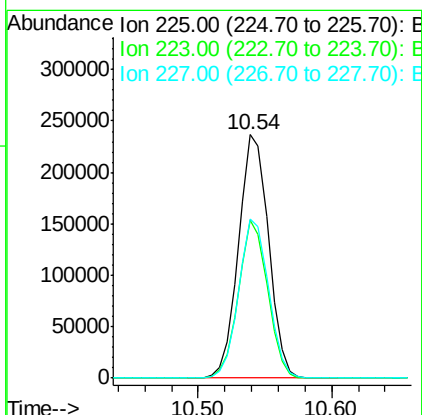
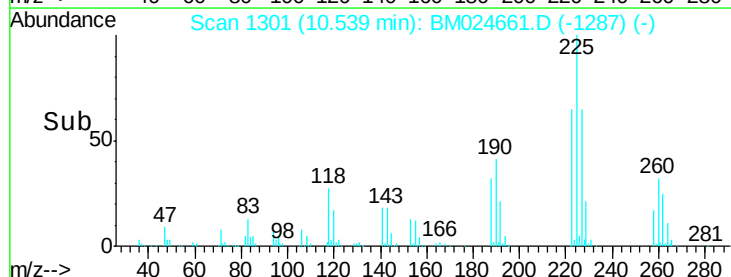
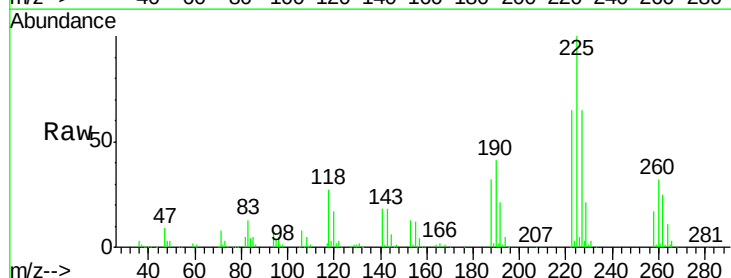
Manual Integrations
APPROVED

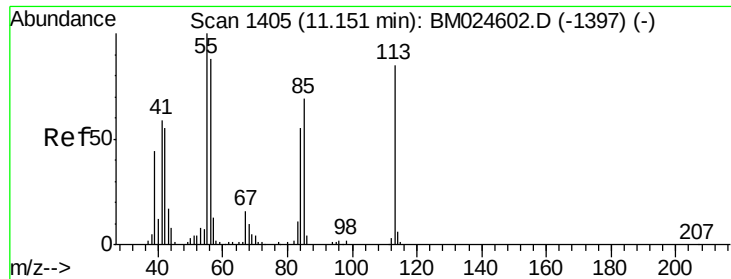
mohammad
2/3/2020 7:55:32 AM



#34
Hexachlorobutadiene
Concen: 47.133 ng
RT: 10.54 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	368157		
223	64.6		50.7	76.1
227	65.2		51.4	77.0





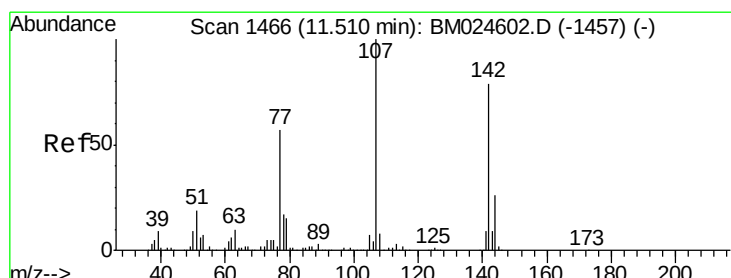
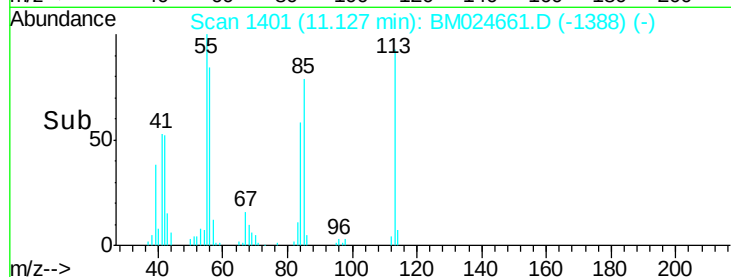
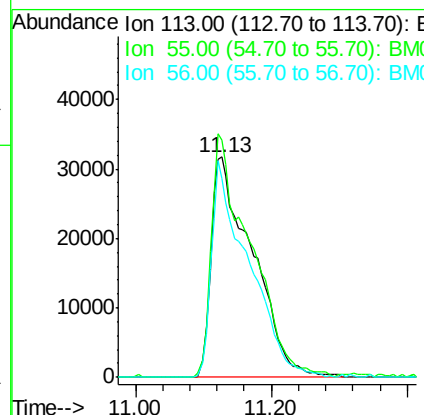
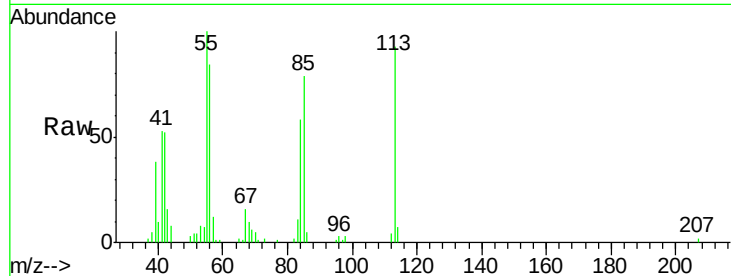
#35
 Caprolactam
 Concen: 44.393 ng/ml
 RT: 11.13 min Scan# 1401
 Delta R.T. -0.02 min
 Lab File: BM024661.D
 Acq: 30 Jan 2020 16:45

Instrument :
 BNA_M
 ClientSampleId :
 PB126393BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	107.6	97.5	137.5
56	90.3	83.4	123.4

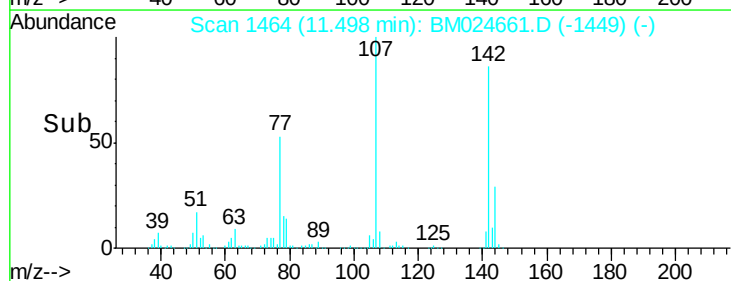
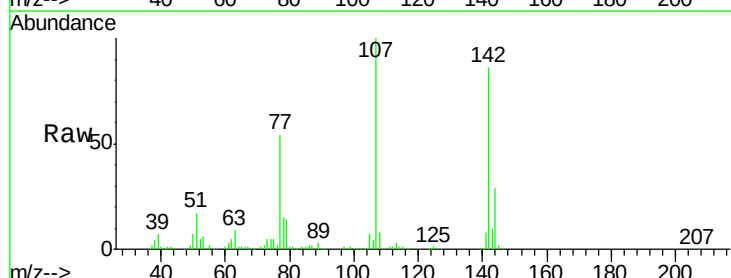
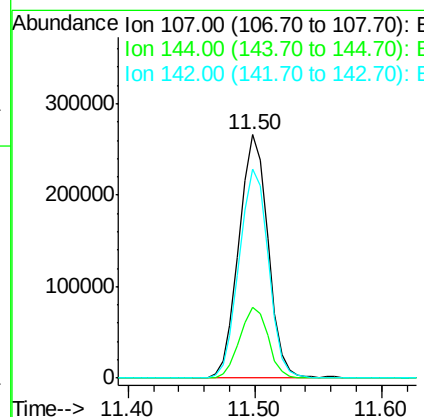
Manual Integrations
 APPROVED

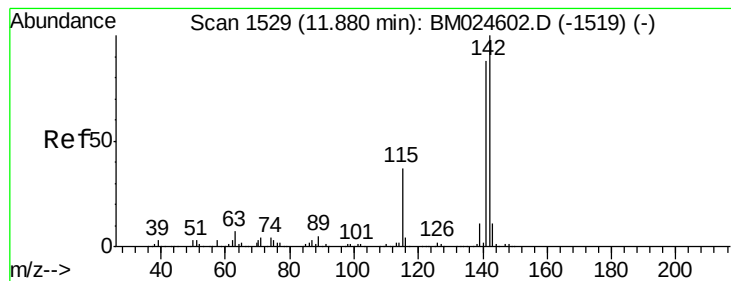
mohammad
 2/3/2020 7:55:32 AM



#36
 4-Chloro-3-methylphenol
 Concen: 42.610 ng/ml
 RT: 11.50 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BM024661.D
 Acq: 30 Jan 2020 16:45

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.9	20.5	30.7
142	86.1	62.8	94.2





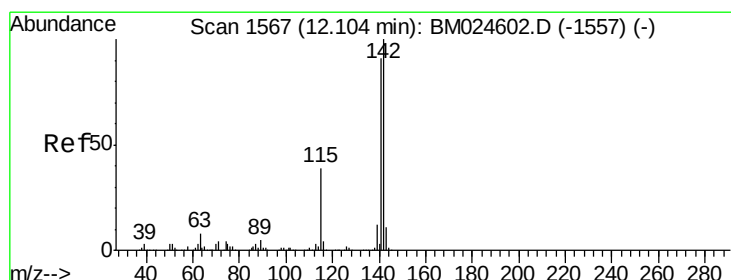
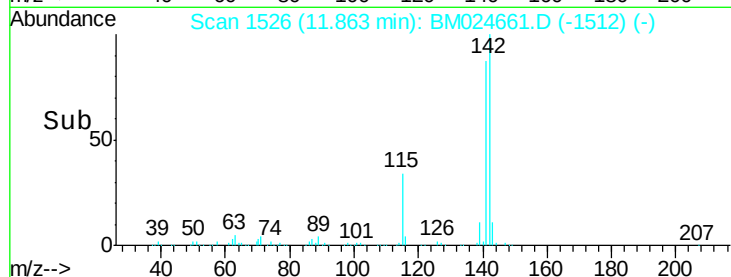
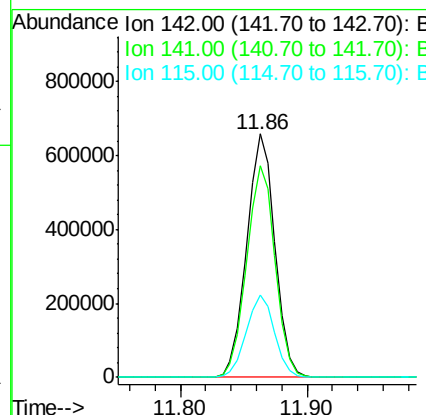
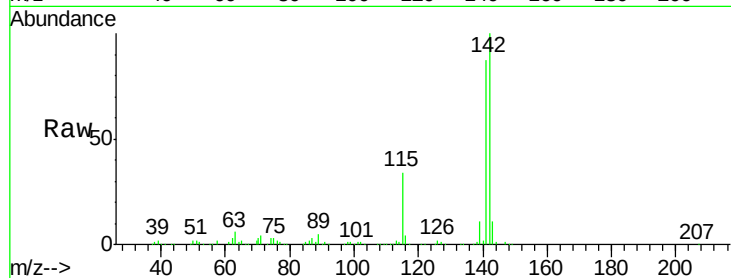
#37
2-Methylnaphthalene
Concen: 46.112 ng
RT: 11.86 min Scan# 1526
Delta R.T. -0.02 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

Instrument :
BNA_M
ClientSampleId :
PB126393BS

Tot Ion:142 Resp: 1013678
Ion Ratio Lower Upper
142 100
141 87.0 70.2 105.2
115 33.6 29.7 44.5

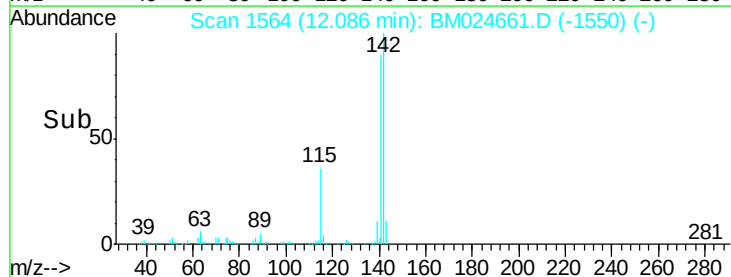
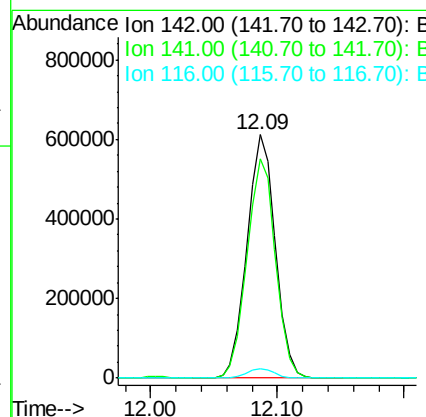
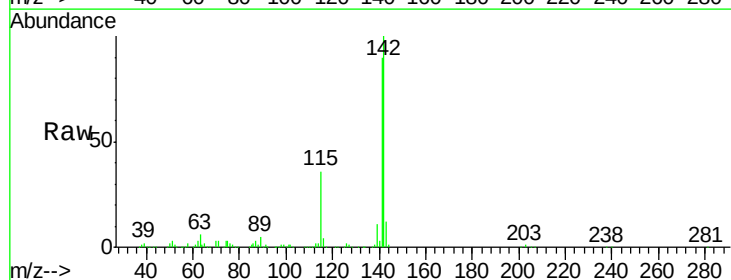
Manual Integrations
APPROVED

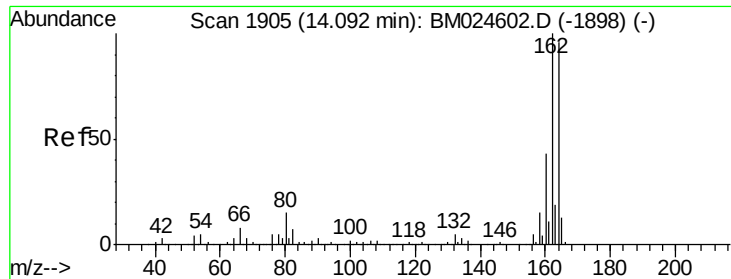
mohammad
2/3/2020 7:55:32 AM



#38
1-Methylnaphthalene
Concen: 45.333 ng
RT: 12.09 min Scan# 1564
Delta R.T. -0.02 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

Tgt Ion:142 Resp: 947957
Ion Ratio Lower Upper
142 100
141 90.3 72.8 109.2
116 3.9 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.08 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

Instrument :

BNA_M

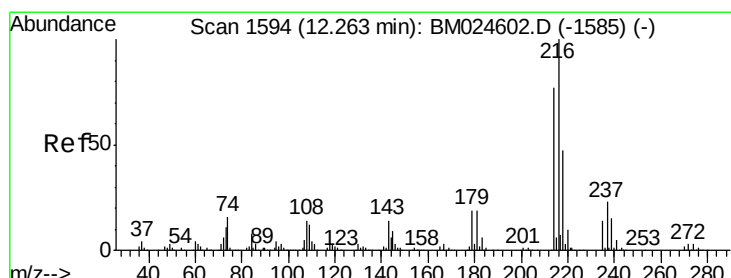
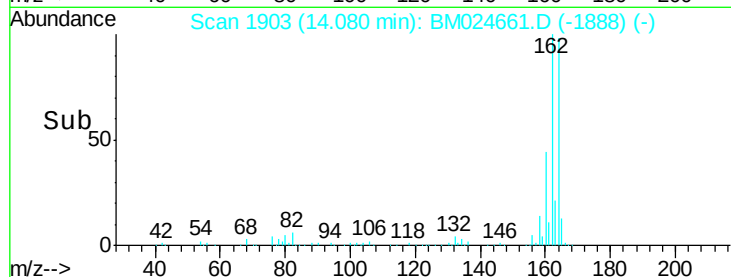
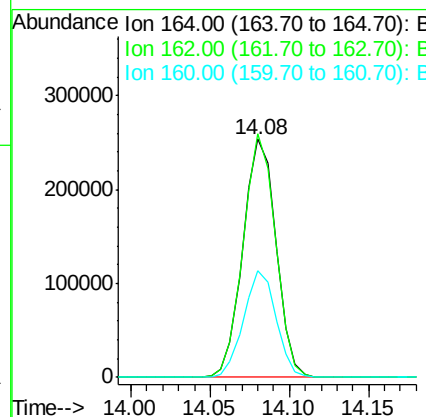
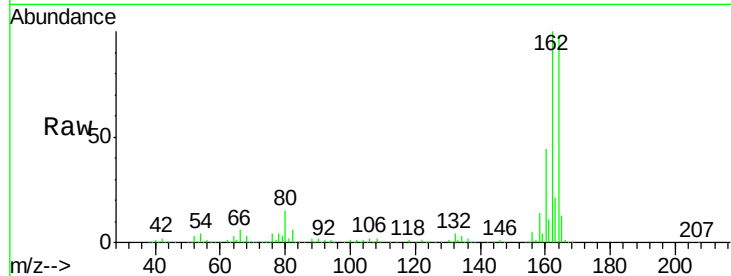
ClientSampleId :

PB126393BS

Tot Ion:	164	Resp:	367098
Ion Ratio	Lower	Upper	
164	100		
162	102.2	82.9	124.3
160	44.9	35.5	53.3

Manual Integrations
APPROVED

mohammad
2/3/2020 7:55:32 AM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.504 ng

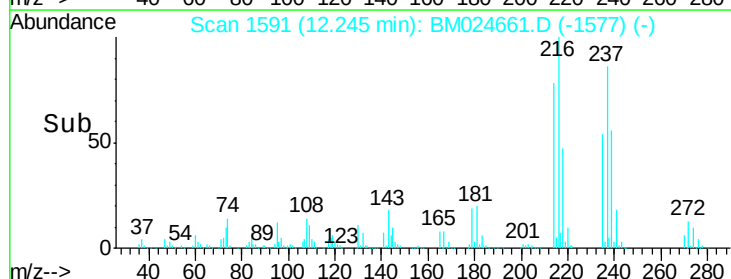
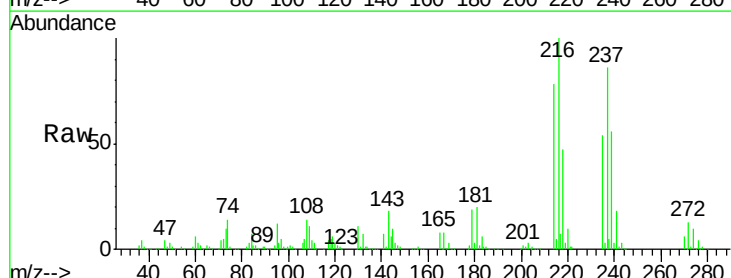
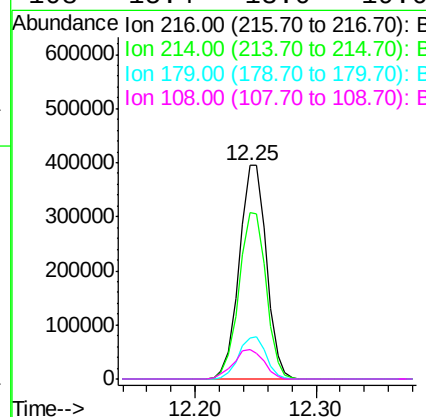
RT: 12.25 min Scan# 1591

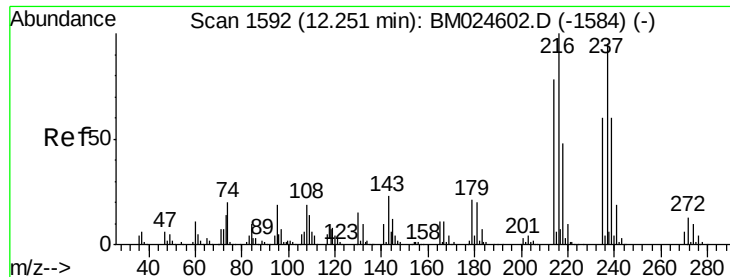
Delta R.T. -0.02 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

Tgt Ion:	216	Resp:	622386
Ion Ratio	Lower	Upper	
216	100		
214	77.8	62.3	93.5
179	19.7	16.1	24.1
108	15.4	13.0	19.6





#41

Hexachlorocyclopentadiene

Concen: 113.124 ng

RT: 12.23 min Scan# 1589

Delta R.T. -0.02 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

Instrument :

BNA_M

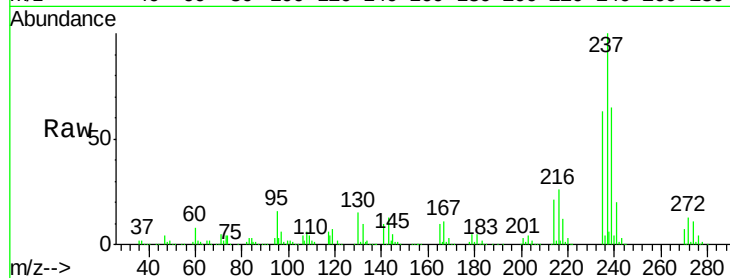
ClientSampleId :

PB126393BS

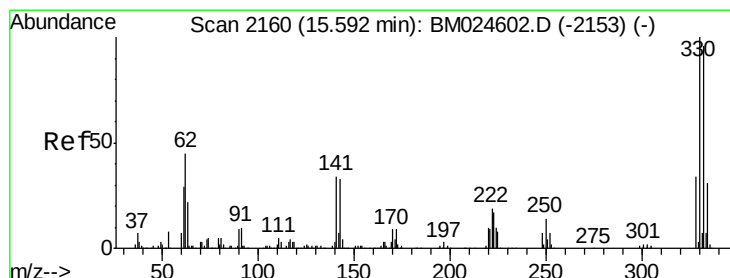
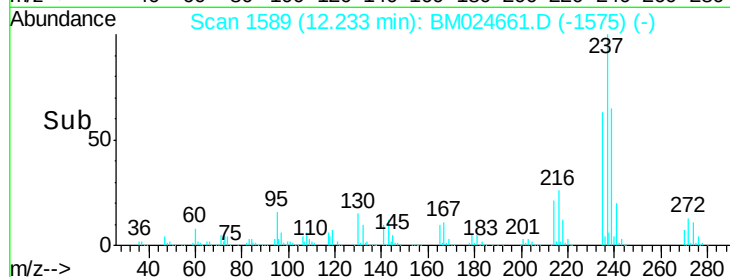
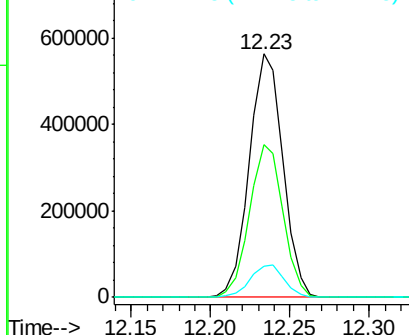
Tot Ion:	237	Resp:	830753
Ion Ratio	Lower	Upper	
237	100		
235	62.8	43.3	83.3
272	13.0	0.0	33.4

Manual Integrations
APPROVED

mohammad
2/3/2020 7:55:32 AM



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



#42

2,4,6-Tribromophenol

Concen: 87.943 ng

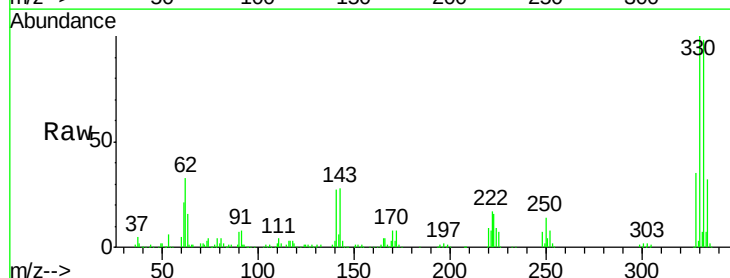
RT: 15.58 min Scan# 2158

Delta R.T. -0.01 min

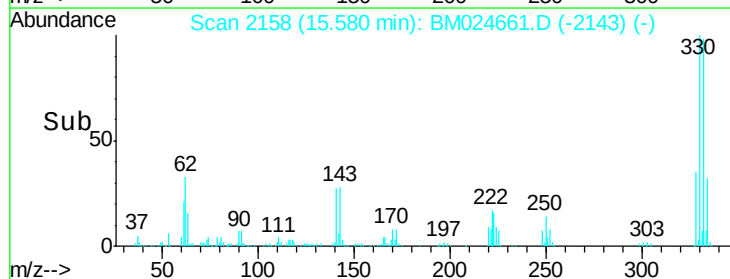
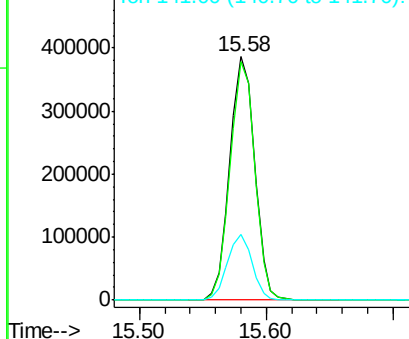
Lab File: BM024661.D

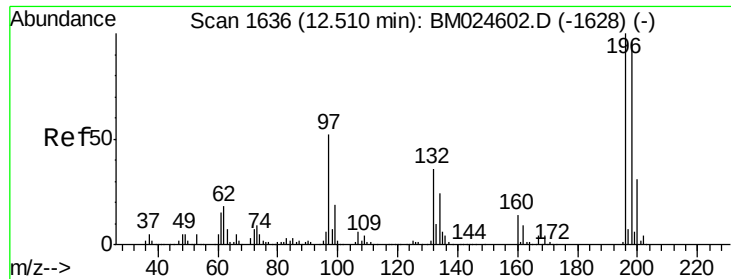
Acq: 30 Jan 2020 16:45

Tgt Ion:	330	Resp:	525140
Ion Ratio	Lower	Upper	
330	100		
332	97.0	77.2	115.8
141	27.0	26.9	40.3



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





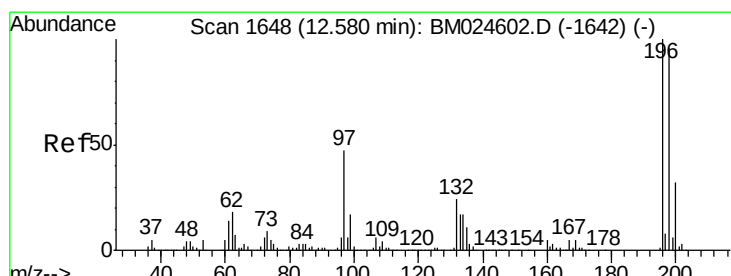
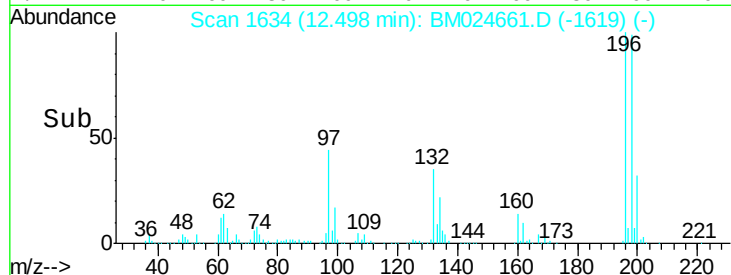
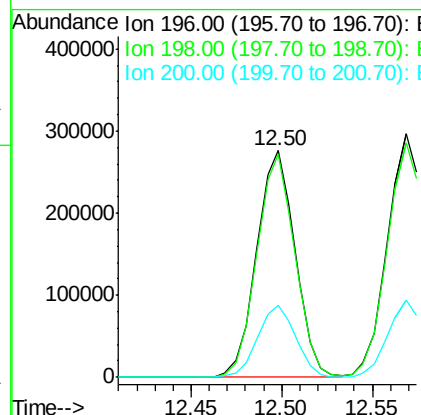
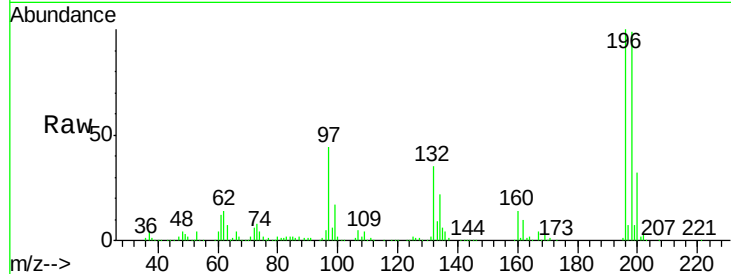
#43
 2,4,6-Trichlorophenol
 Concen: 48.737 ng
 RT: 12.50 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BM024661.D
 Acq: 30 Jan 2020 16:45

Instrument :
 BNA_M
 ClientSampleId :
 PB126393BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	406336		
198	98.7	76.5	114.7	
200	31.8	25.0	37.6	

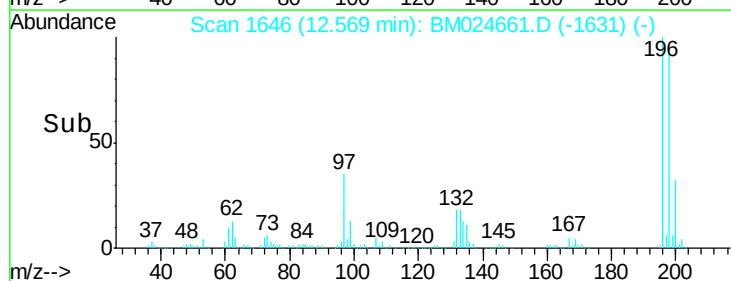
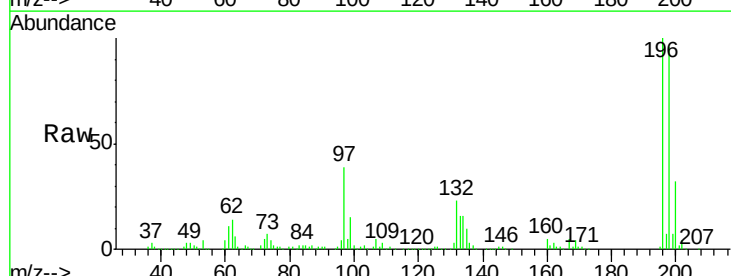
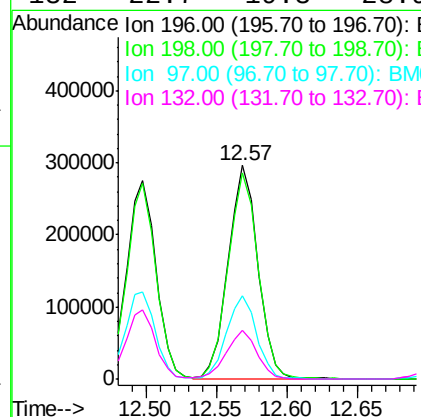
Manual Integrations
 APPROVED

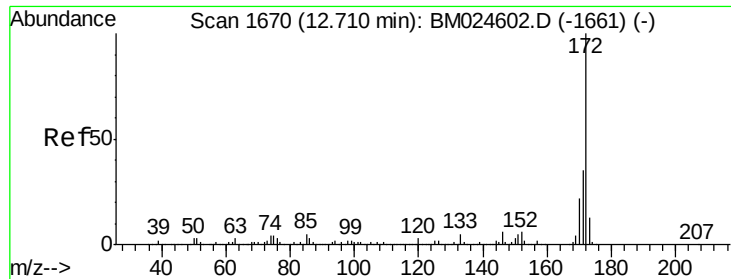
mohammad
 2/3/2020 7:55:32 AM



#44
 2,4,5-Trichlorophenol
 Concen: 50.590 ng
 RT: 12.57 min Scan# 1646
 Delta R.T. -0.01 min
 Lab File: BM024661.D
 Acq: 30 Jan 2020 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	430755		
198	96.4	77.2	115.8	
97	39.1	37.4	56.0	
132	22.7	19.3	28.9	





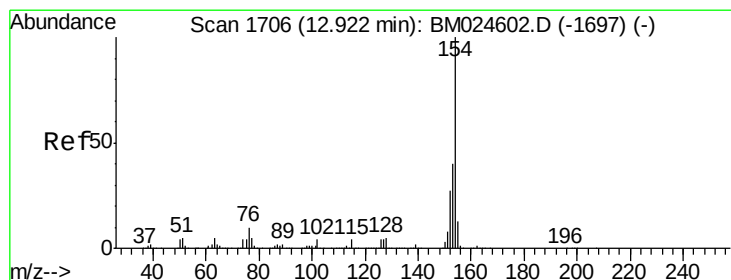
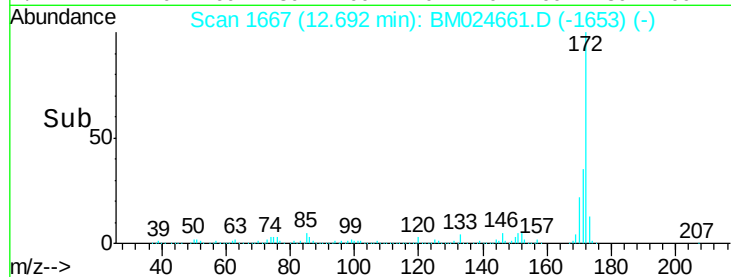
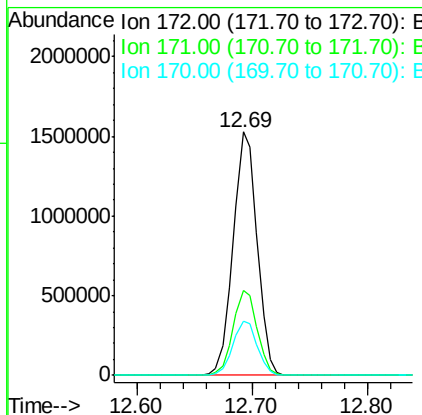
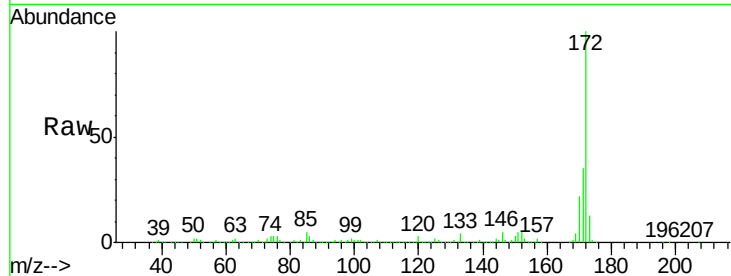
#45
2-Fluorobiphenyl
Concen: 81.266 ng
RT: 12.69 min Scan# 1667
Delta R.T. -0.02 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

Instrument :
BNA_M
ClientSampleId :
PB126393BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.3	42.5
170	22.4	17.9	26.9

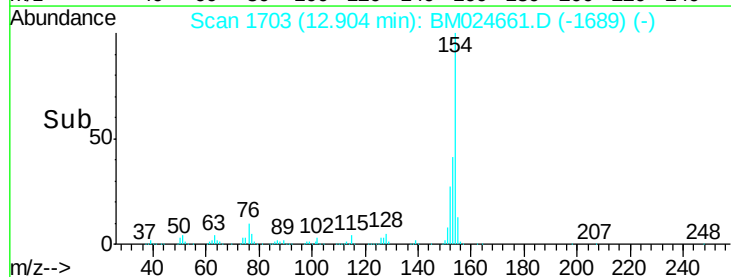
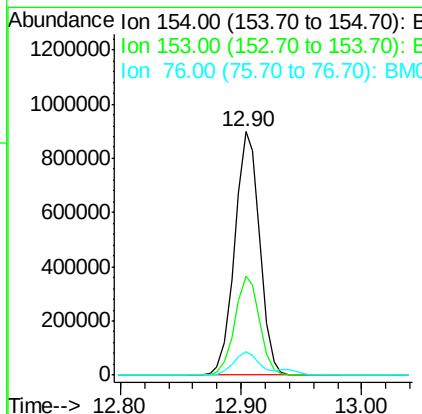
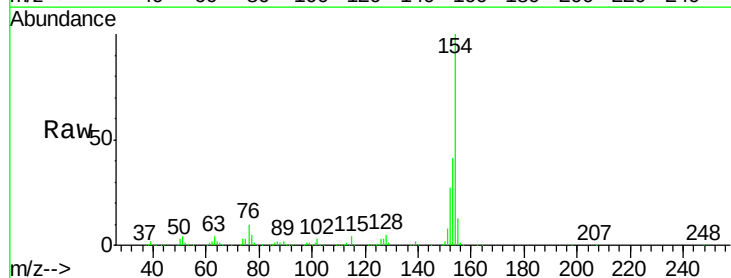
Manual Integrations
APPROVED

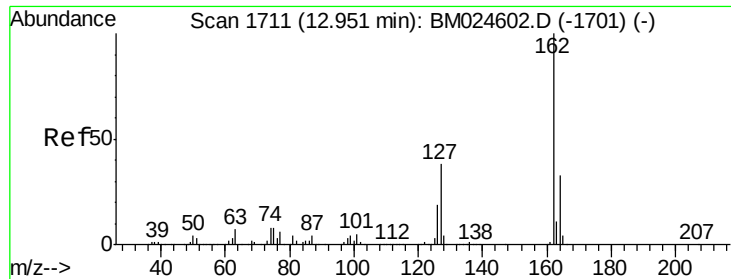
mohammad
2/3/2020 7:55:32 AM



#46
1,1'-Biphenyl
Concen: 46.394 ng
RT: 12.90 min Scan# 1703
Delta R.T. -0.02 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.3	60.3
76	9.5	0.0	30.5





#47

2-Chloronaphthalene

Concen: 46.906 ng

RT: 12.94 min Scan# 1709

Delta R.T. -0.01 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

Instrument :

BNA_M

ClientSampleId :

PB126393BS

Tot Ion:162 Resp: 1051992

Ion Ratio Lower Upper

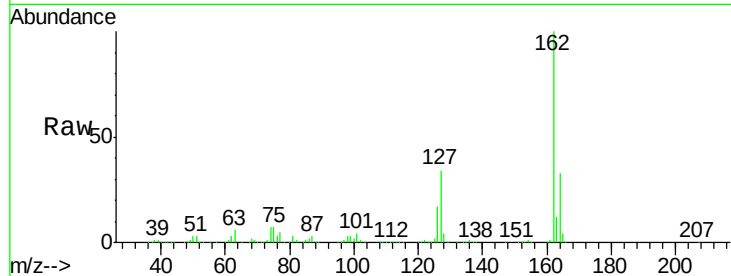
162 100

127 34.2 30.4 45.6

164 33.1 26.5 39.7

Manual Integrations
APPROVED

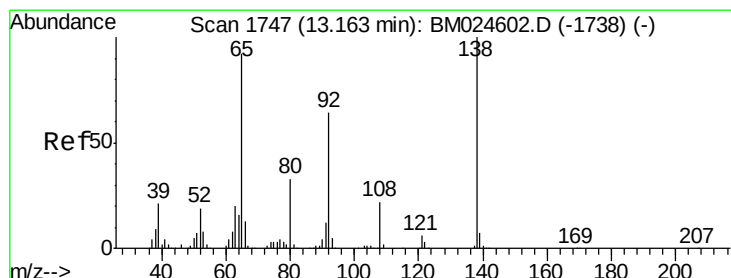
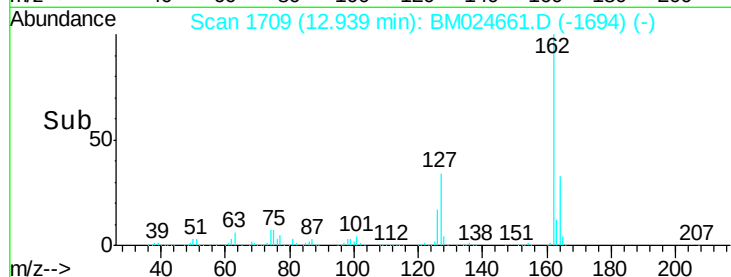
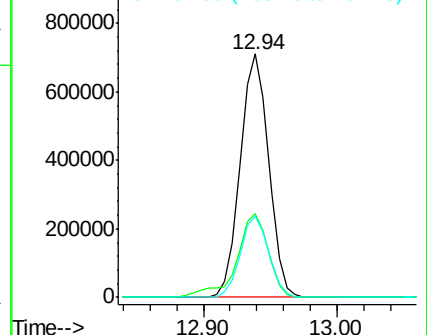
mohammad
2/3/2020 7:55:32 AM



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 35.678 ng

RT: 13.15 min Scan# 1745

Delta R.T. -0.01 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

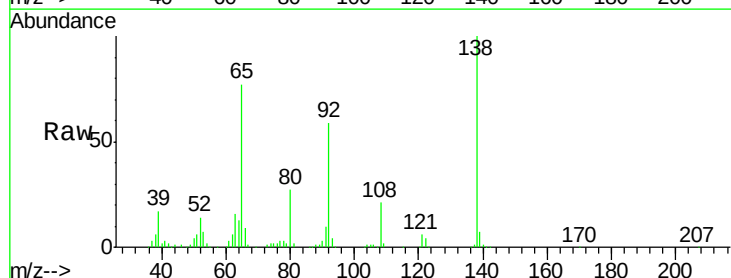
Tgt Ion: 65 Resp: 244050

Ion Ratio Lower Upper

65 100

92 76.4 55.4 83.2

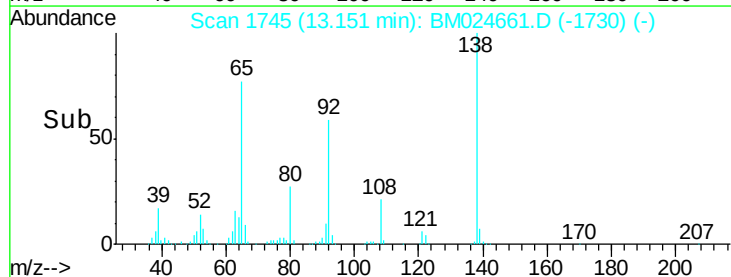
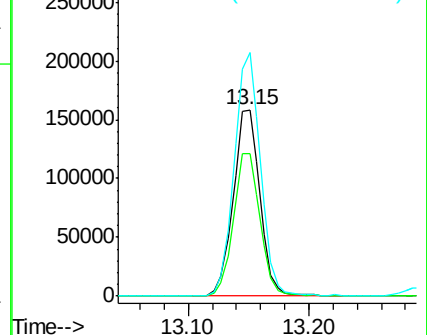
138 130.5 86.6 129.8#

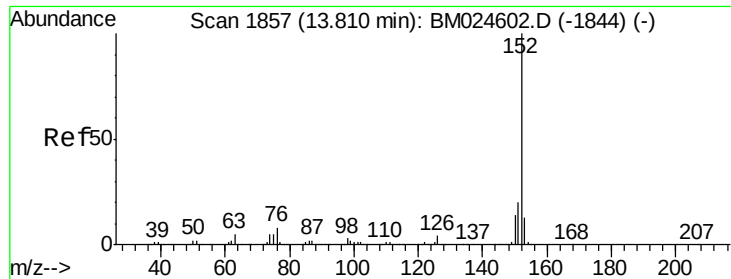


Abundance Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 48.264 ng

RT: 13.80 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

Instrument :

BNA_M

ClientSampleId :

PB126393BS

Tot Ion:152 Resp: 1620446

Ion Ratio Lower Upper

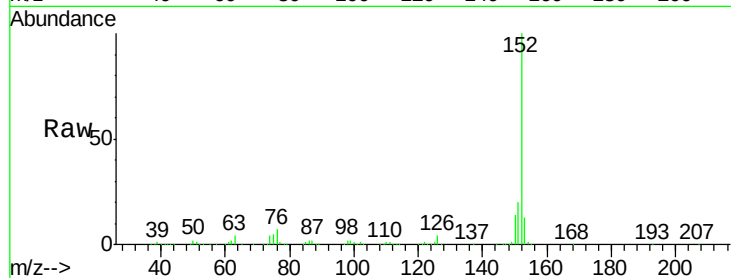
152 100

151 19.8 15.8 23.6

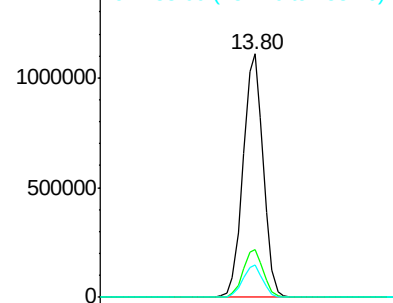
153 13.2 10.4 15.6

Manual Integrations
APPROVED

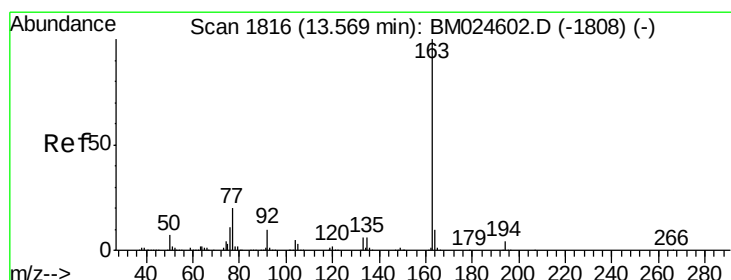
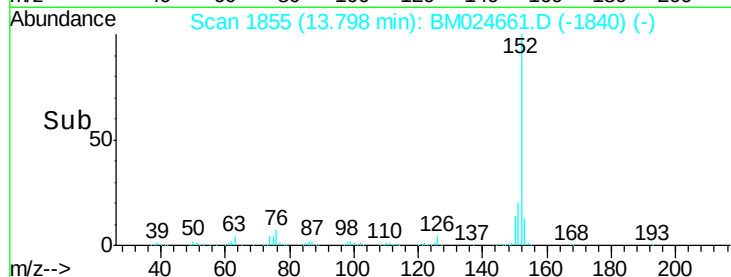
mohammad
2/3/2020 7:55:32 AM



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



Time-->



#50

Dimethylphthalate

Concen: 43.297 ng

RT: 13.56 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

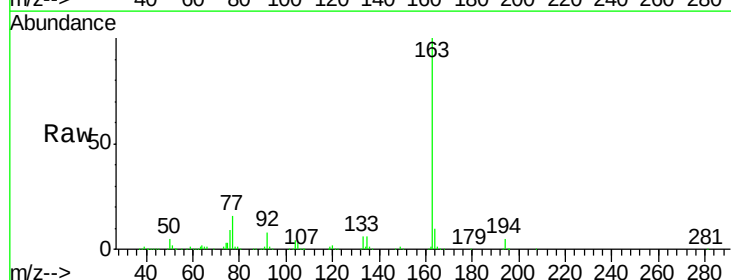
Tgt Ion:163 Resp: 1285236

Ion Ratio Lower Upper

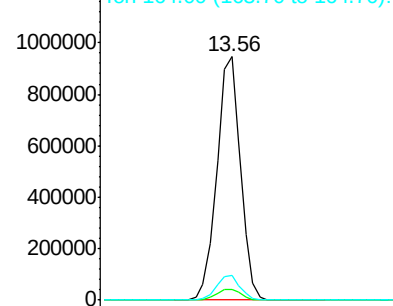
163 100

194 4.6 3.4 5.0

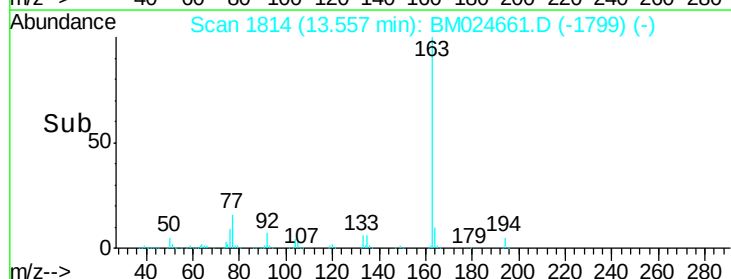
164 10.2 8.0 12.0

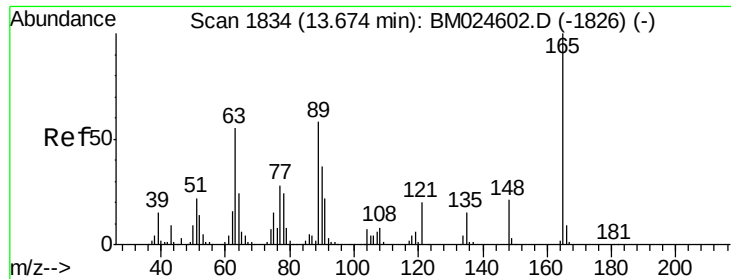


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



Time-->





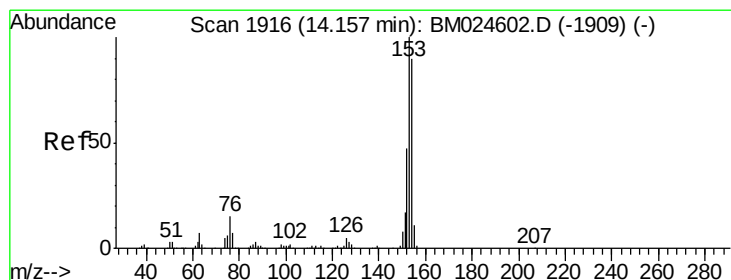
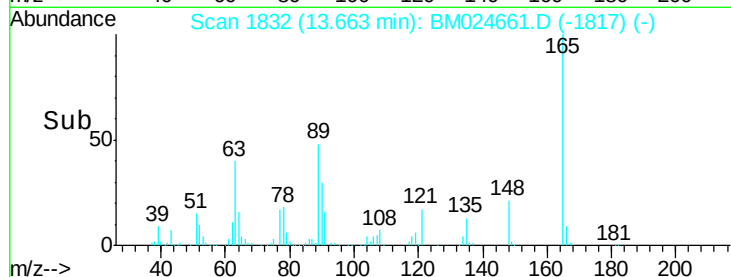
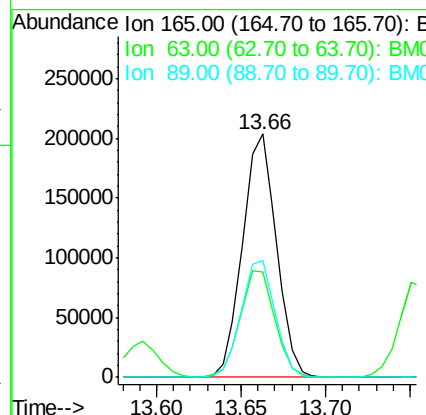
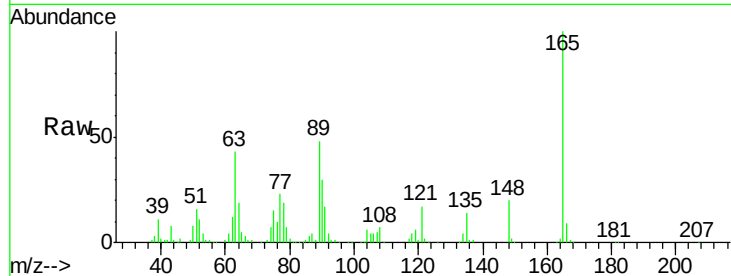
#51
2,6-Dinitrotoluene
Concen: 45.214 ng
RT: 13.66 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

Instrument :
BNA_M
ClientSampleId :
PB126393BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	43.1	45.4	68.0#
89	47.8	46.6	69.8

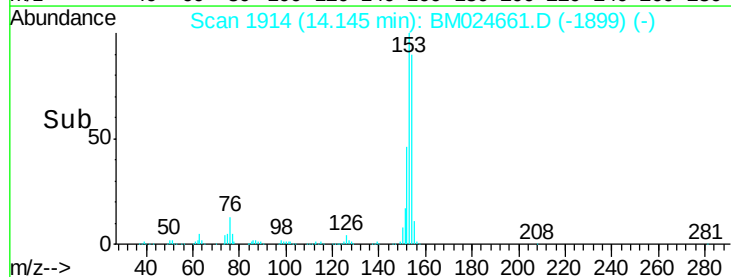
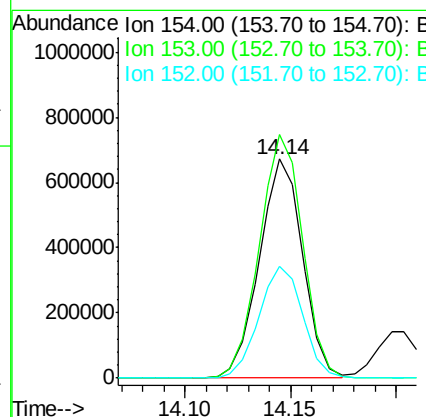
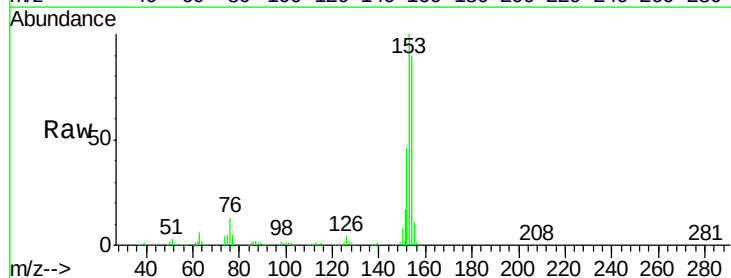
Manual Integrations
APPROVED

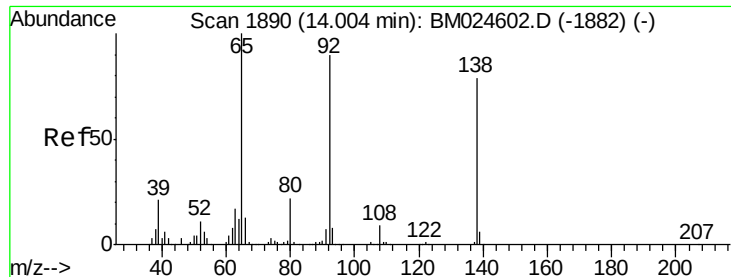
mohammad
2/3/2020 7:55:32 AM



#52
Acenaphthene
Concen: 45.858 ng
RT: 14.14 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	111.1	89.1	133.7
152	51.2	41.9	62.9





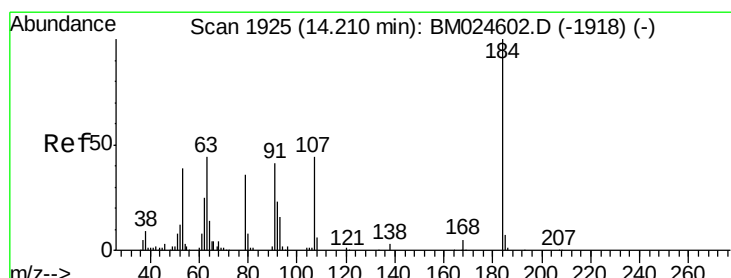
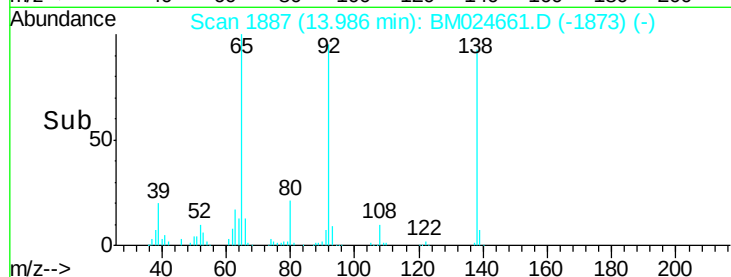
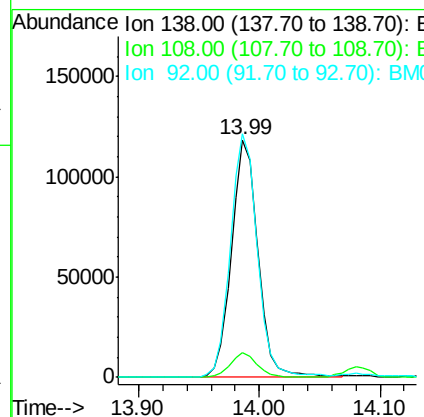
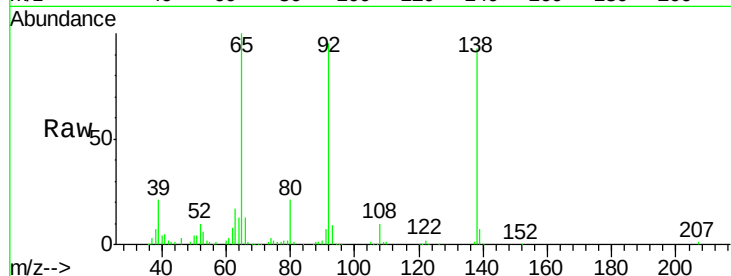
#53
3-Nitroaniline
Concen: 27.743 ng
RT: 13.99 min Scan# 1887
Delta R.T. -0.02 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

Instrument :
BNA_M
ClientSampleId :
PB126393BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.7	13.1
92	102.5	91.0	136.4

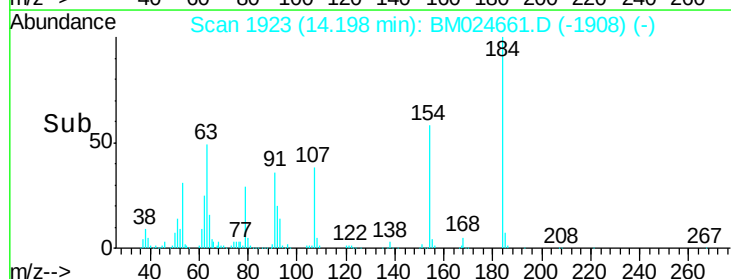
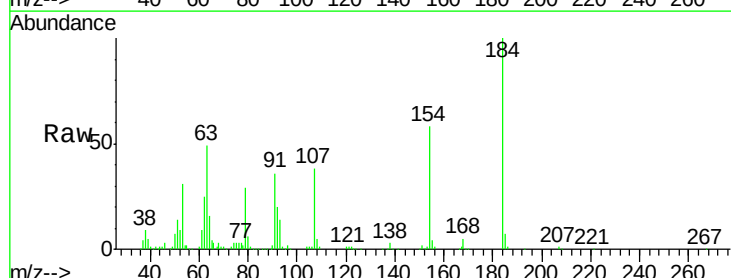
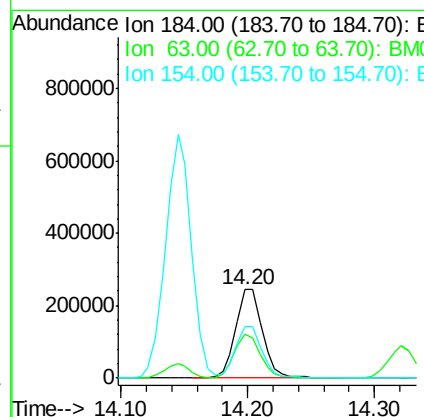
Manual Integrations
APPROVED

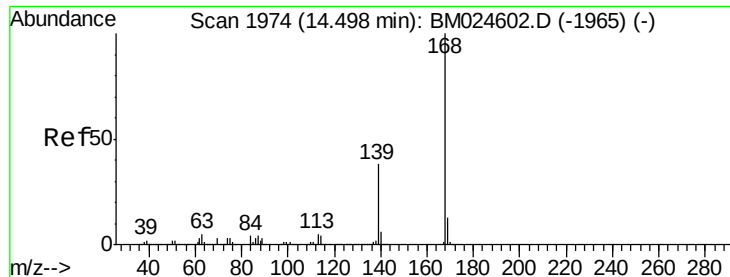
mohammad
2/3/2020 7:55:32 AM



#54
2,4-Dinitrophenol
Concen: 95.293 ng
RT: 14.20 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

Tgt Ion	Ratio	Lower	Upper
184	100		
63	49.2	51.8	77.8#
154	58.3	50.2	75.4





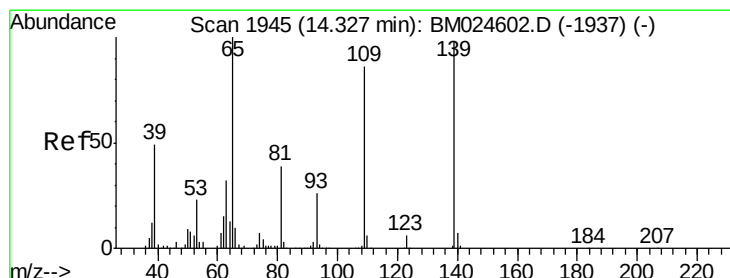
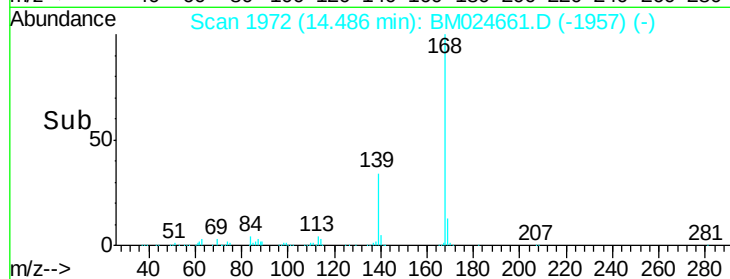
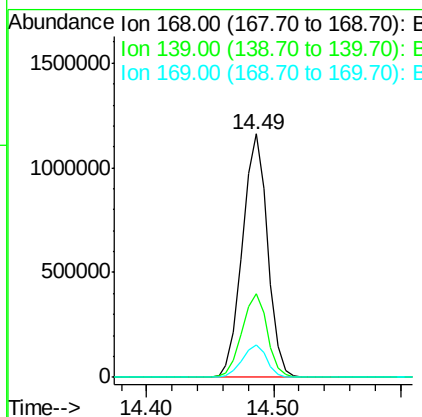
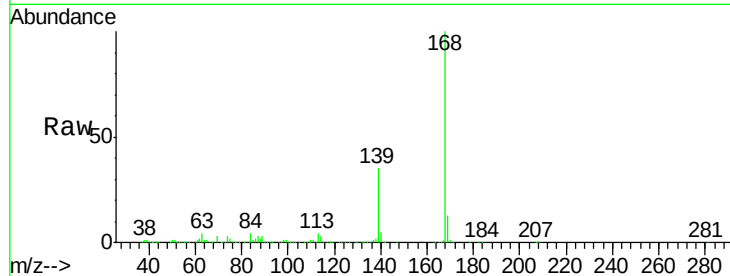
#55
Dibenzofuran
Concen: 47.006 ng
RT: 14.49 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

Instrument :
BNA_M
ClientSampleId :
PB126393BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	34.5	30.2	45.4
169	13.2	10.7	16.1

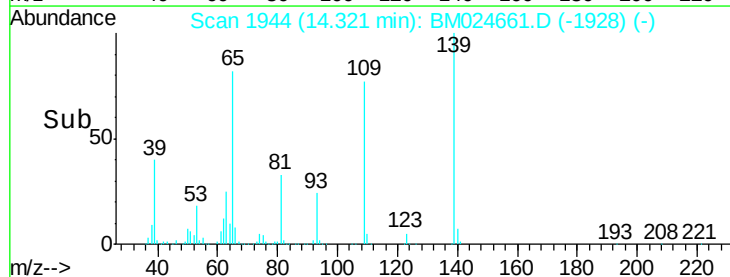
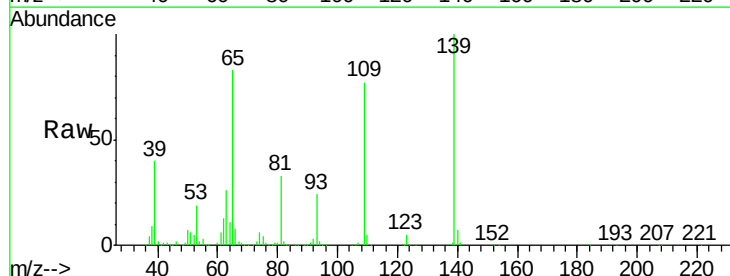
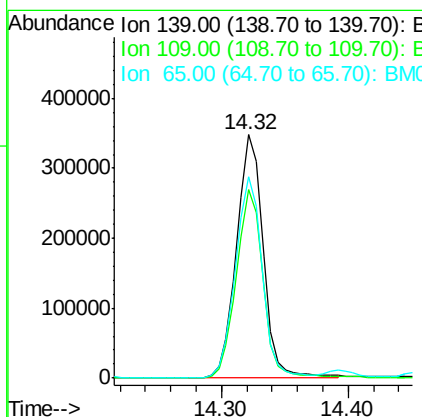
Manual Integrations
APPROVED

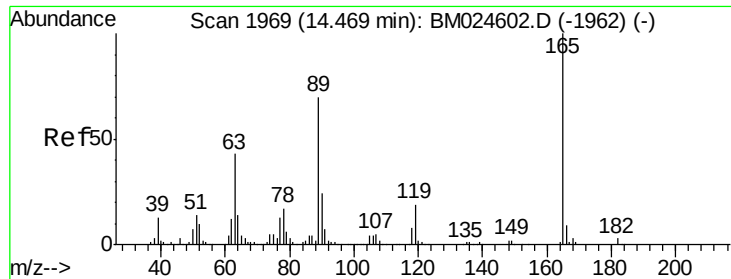
mohammad
2/3/2020 7:55:32 AM



#56
4-Nitrophenol
Concen: 99.654 ng
RT: 14.32 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

Tgt Ion	Ratio	Lower	Upper
139	100		
109	77.3	67.4	107.4
65	82.6	82.1	122.1





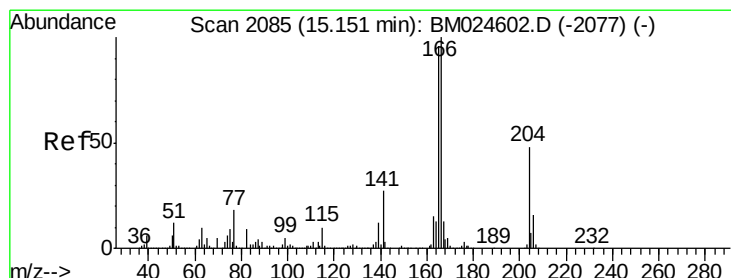
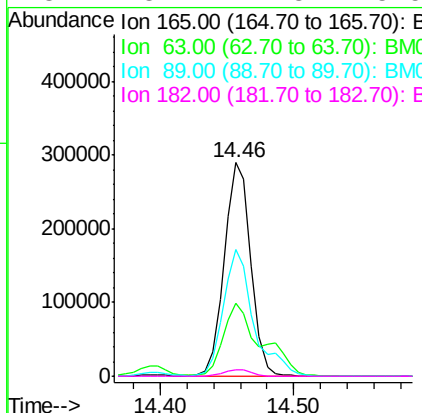
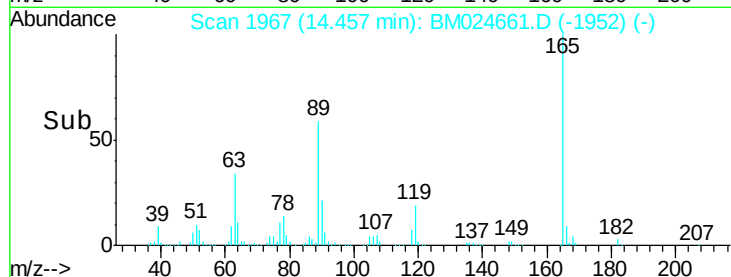
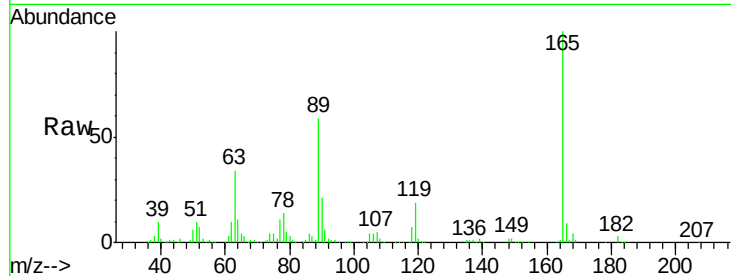
#57
2,4-Dinitrotoluene
Concen: 44.650 ng
RT: 14.46 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

Instrument :
BNA_M
ClientSampleId :
PB126393BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	403857		
63	34.5		34.5	51.7#
89	59.1		55.8	83.8
182	3.2		2.3	3.5

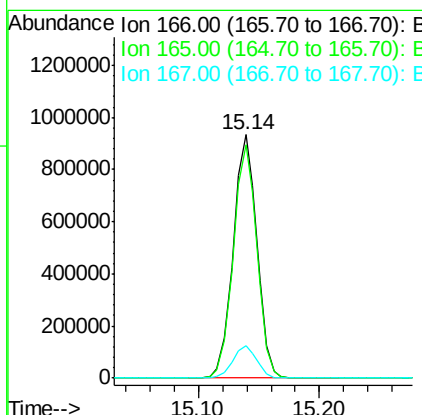
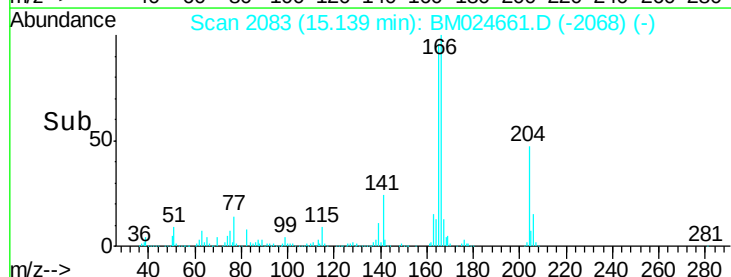
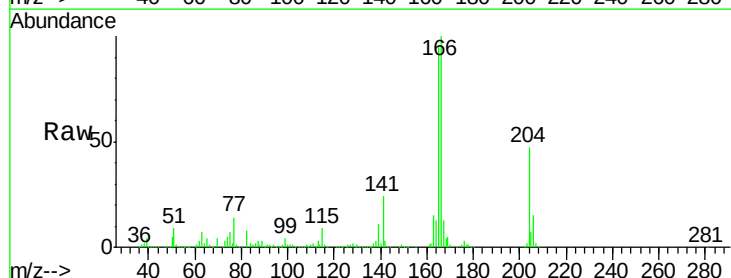
Manual Integrations
APPROVED

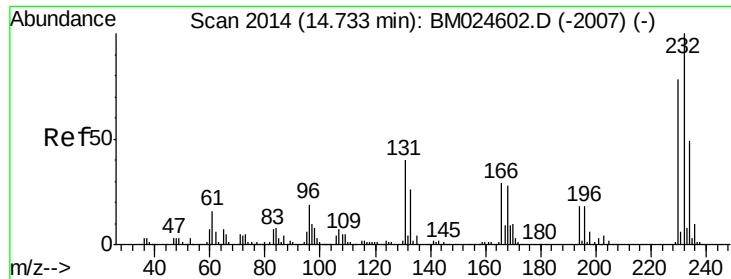
mohammad
2/3/2020 7:55:32 AM



#58
Fluorene
Concen: 44.600 ng
RT: 15.14 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1273491		
165	95.6		76.6	114.8
167	13.4		10.8	16.2





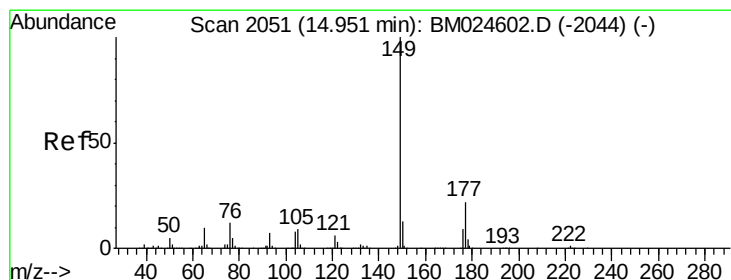
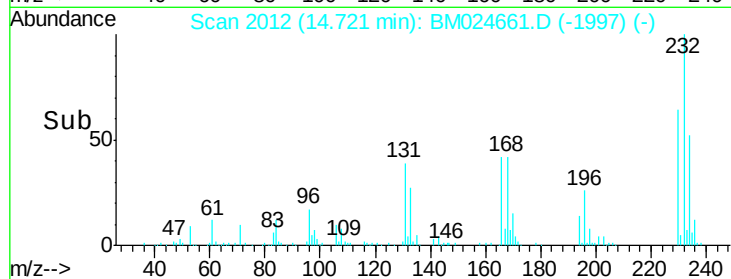
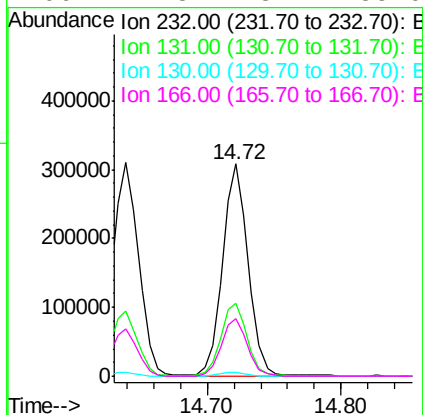
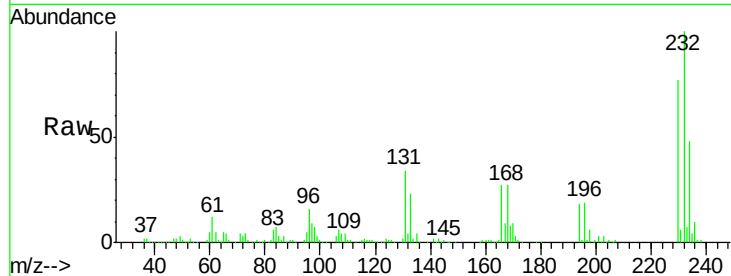
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.648 ng
RT: 14.72 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

Instrument :
BNA_M
ClientSampleId :
PB126393BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	35.0	32.2	48.4
130	1.9	1.9	2.9
166	27.8	23.4	35.0

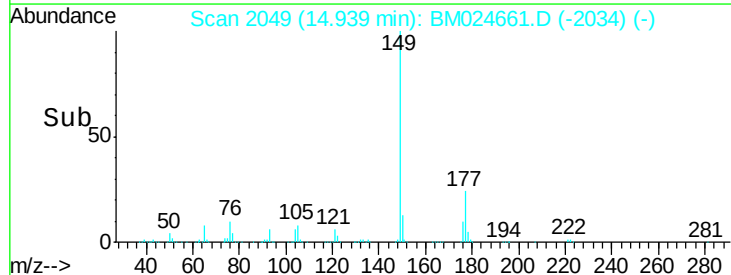
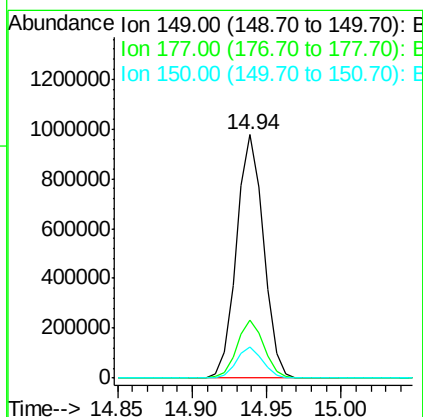
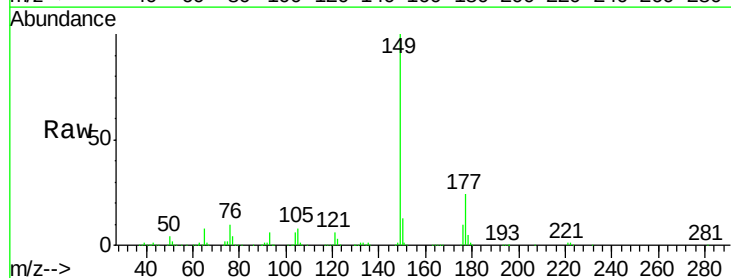
Manual Integrations
APPROVED

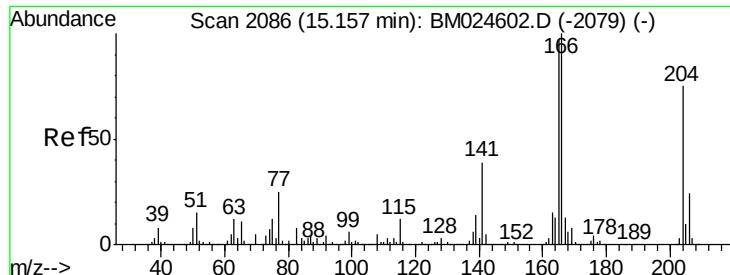
mohammad
2/3/2020 7:55:32 AM



#60
Diethylphthalate
Concen: 40.928 ng
RT: 14.94 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.8	18.0	27.0
150	12.6	10.2	15.4





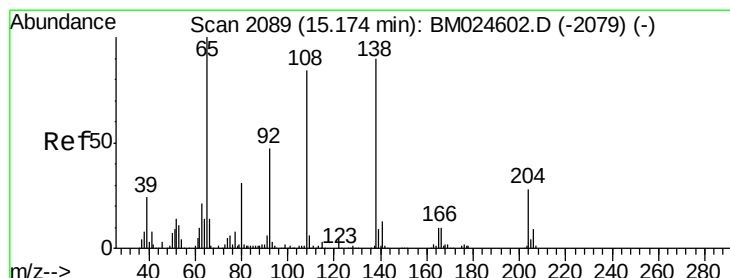
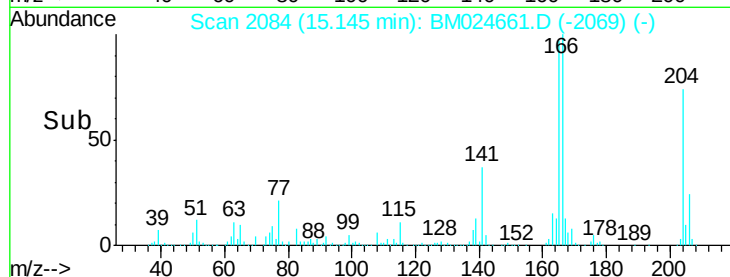
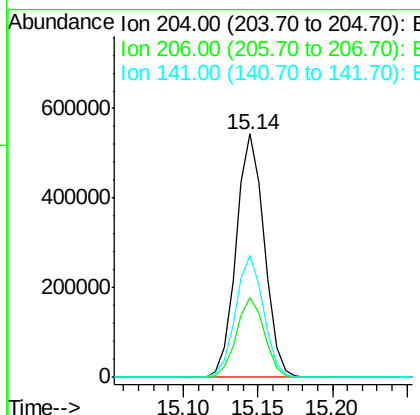
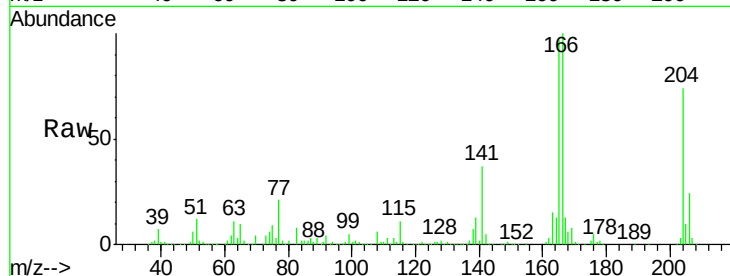
#61
 4-Chlorophenyl-phenylether
 Concen: 43.185 ng
 RT: 15.14 min Scan# 2084
 Delta R.T. -0.01 min
 Lab File: BM024661.D
 Acq: 30 Jan 2020 16:45

Instrument :
 BNA_M
 ClientSampleId :
 PB126393BS

Tot Ion:	204	Resp:	710910
Ion Ratio	Lower	Upper	
204	100		
206	32.7	26.2	39.2
141	50.0	42.2	63.2

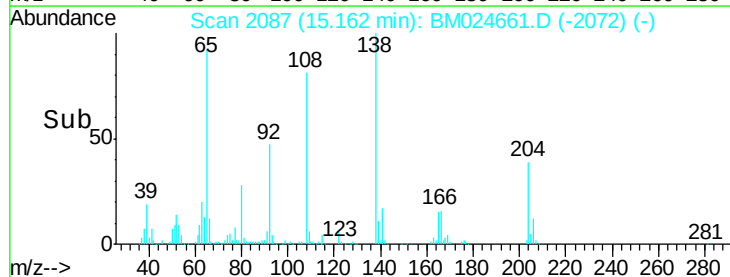
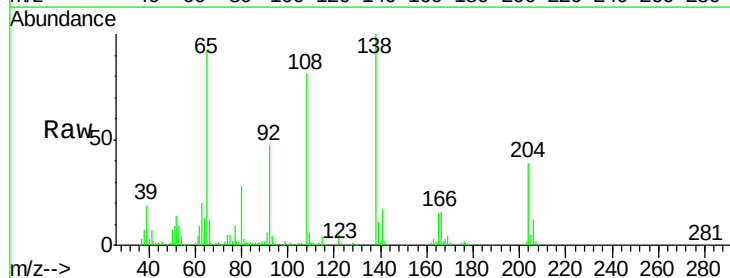
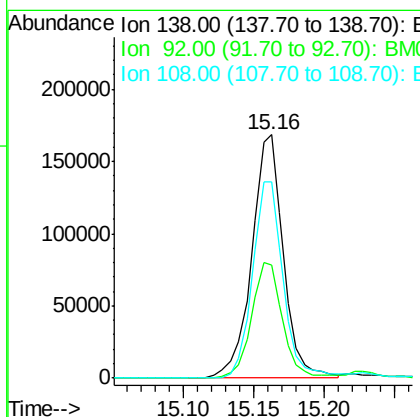
Manual Integrations
 APPROVED

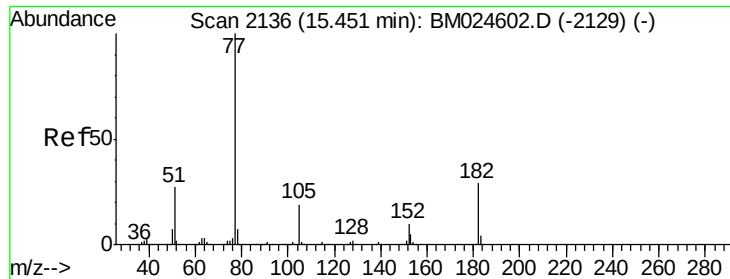
mohammad
 2/3/2020 7:55:32 AM



#62
 4-Nitroaniline
 Concen: 36.701 ng
 RT: 15.16 min Scan# 2087
 Delta R.T. -0.01 min
 Lab File: BM024661.D
 Acq: 30 Jan 2020 16:45

Tgt Ion:	138	Resp:	265174
Ion Ratio	Lower	Upper	
138	100		
92	46.7	32.4	72.4
108	80.5	73.3	113.3





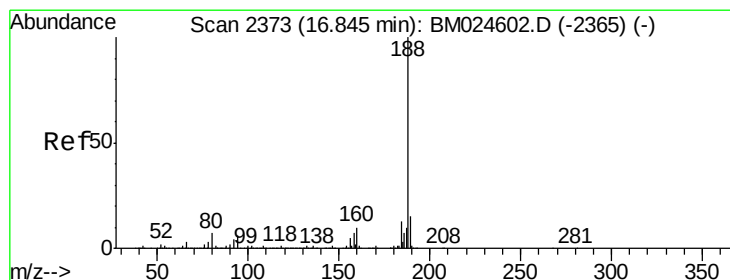
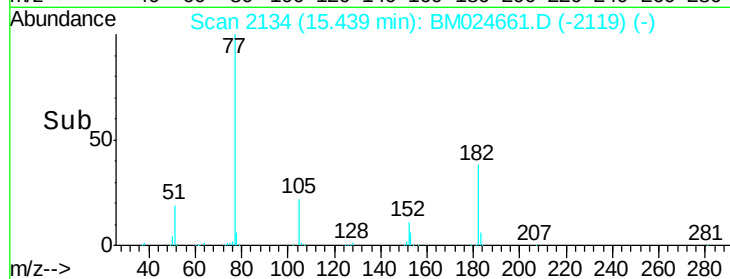
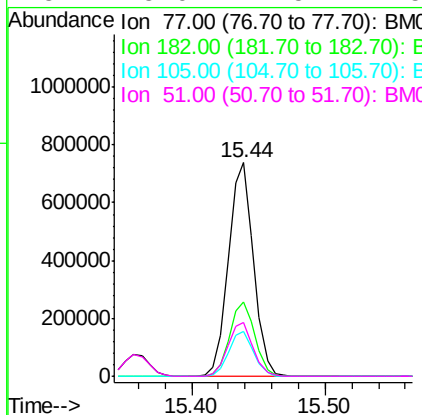
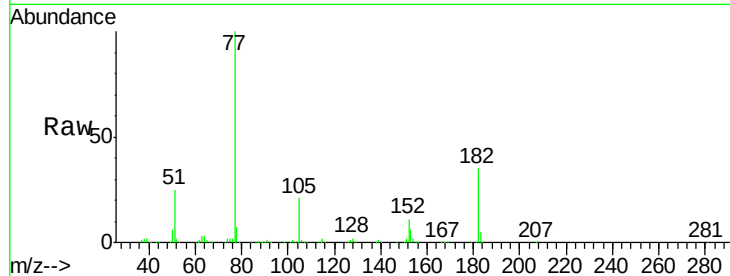
#63
Azobenzene
Concen: 37.701 ng
RT: 15.44 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

Instrument :
BNA_M
ClientSampleId :
PB126393BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	34.9	8.7	48.7
105	20.9	0.0	39.2
51	25.0	7.5	47.5

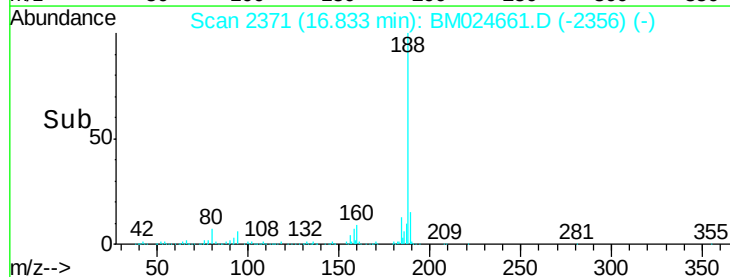
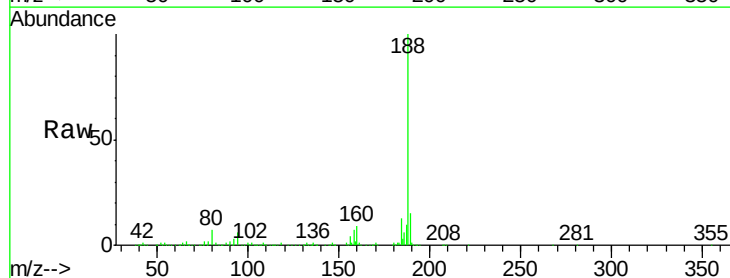
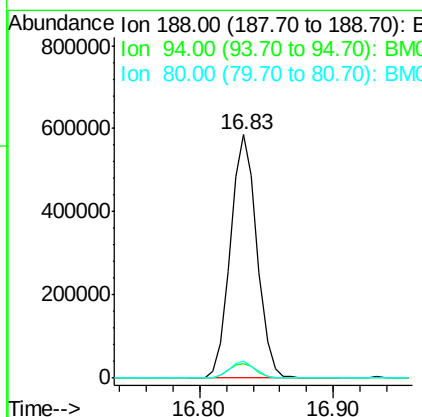
Manual Integrations
APPROVED

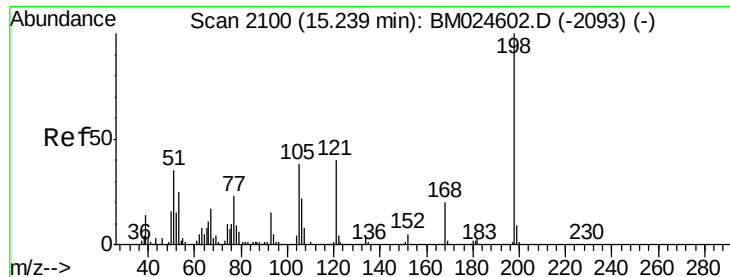
mohammad
2/3/2020 7:55:32 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.83 min Scan# 2371
Delta R.T. -0.01 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.2	5.0	7.6
80	7.0	5.8	8.8





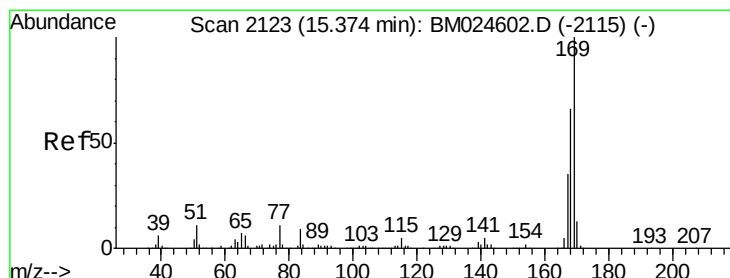
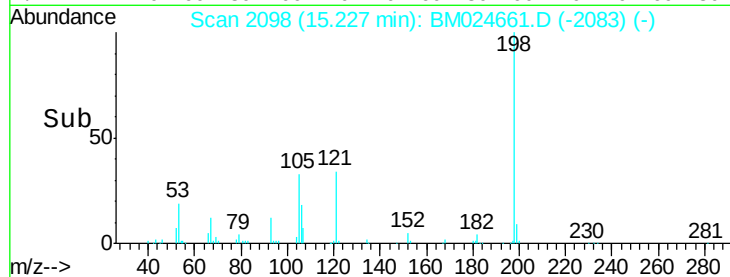
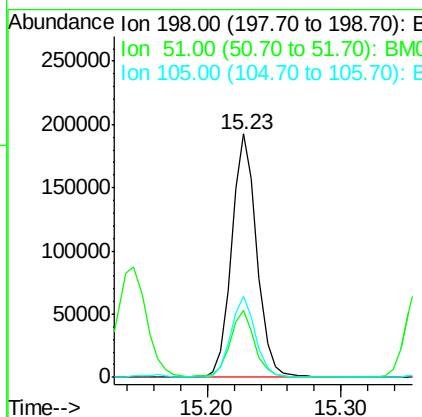
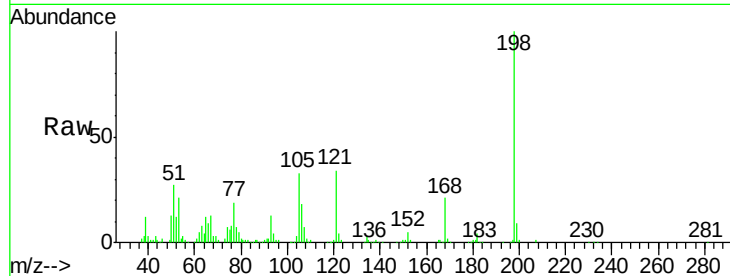
#65
4,6-Dinitro-2-methylphenol
Concen: 53.154 ng
RT: 15.23 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

Instrument :
BNA_M
ClientSampled :
PB126393BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	253367		
51	27.3		15.8	55.8
105	33.2		18.5	58.5

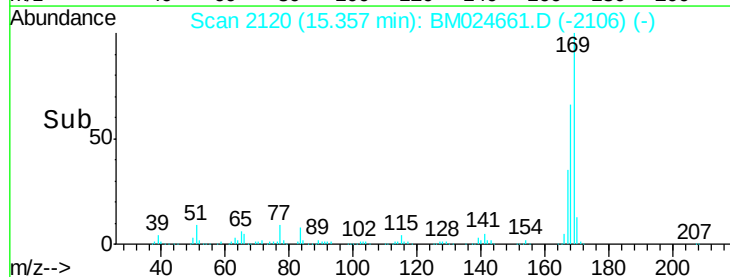
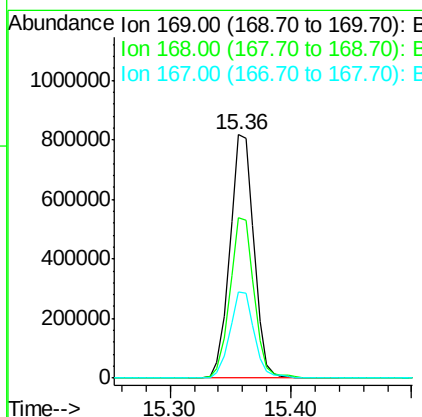
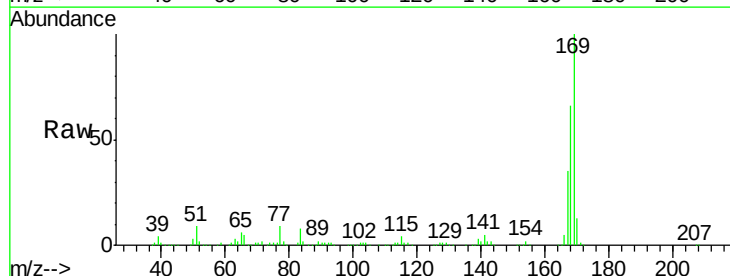
Manual Integrations
APPROVED

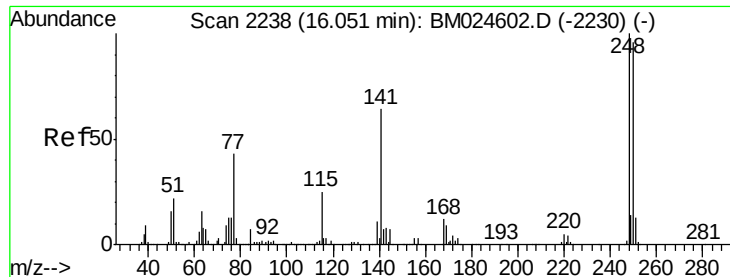
mohammad
2/3/2020 7:55:32 AM



#66
n-Nitrosodiphenylamine
Concen: 48.443 ng
RT: 15.36 min Scan# 2120
Delta R.T. -0.02 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1128082		
168	66.1		52.8	79.2
167	35.3		28.2	42.2





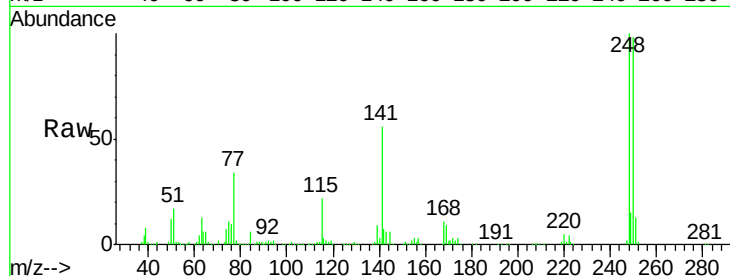
#67
 4-Bromophenyl-phenylether
 Concen: 45.886 ng
 RT: 16.04 min Scan# 2236
 Delta R.T. -0.01 min
 Lab File: BM024661.D
 Acq: 30 Jan 2020 16:45

Instrument :
 BNA_M
 ClientSampleId :
 PB126393BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	77.0	115.6
141	56.2	50.9	76.3

Manual Integrations
 APPROVED

mohammad
 2/3/2020 7:55:32 AM

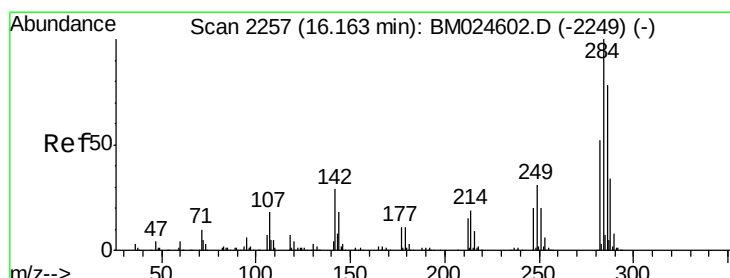
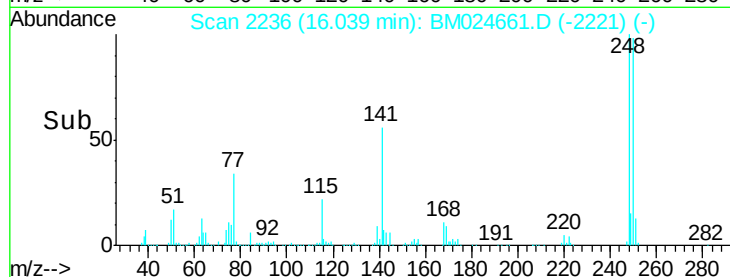
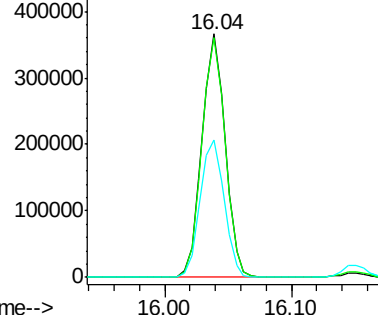


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 47.825 ng
 RT: 16.15 min Scan# 2255
 Delta R.T. -0.01 min
 Lab File: BM024661.D
 Acq: 30 Jan 2020 16:45

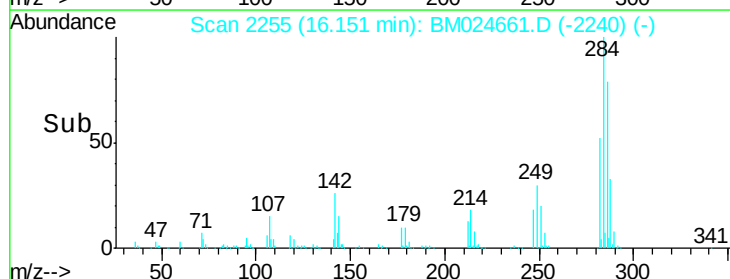
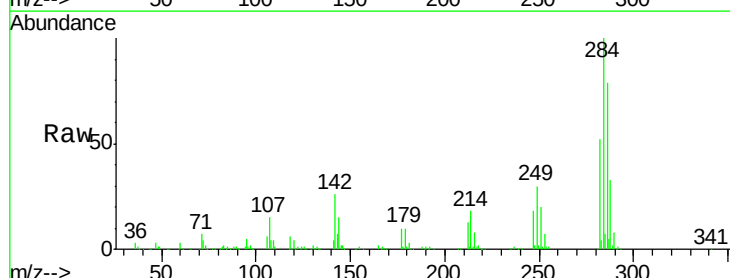
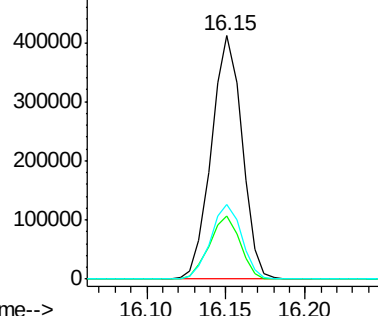
Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.9	23.5	35.3
249	30.5	24.6	36.8

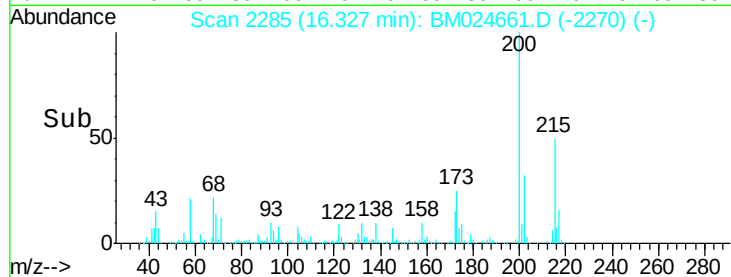
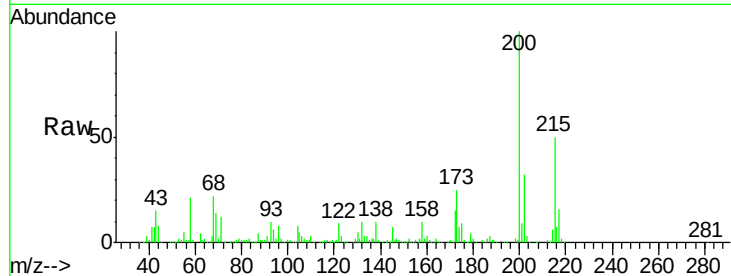
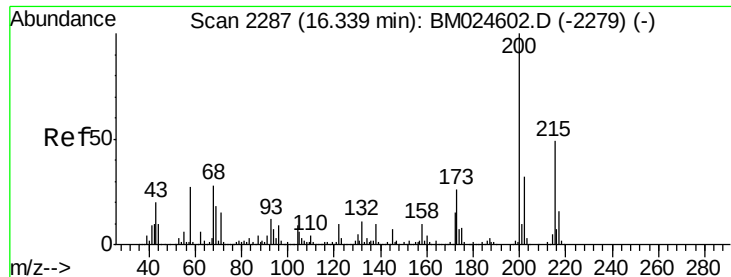
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 49.771 ng

RT: 16.33 min Scan# 2285

Delta R.T. -0.01 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

Tot Ion:	200	Resp:	444888
Ion Ratio	Lower	Upper	
200	100		
173	24.9	5.5	45.5
215	49.9	29.4	69.4

Instrument :

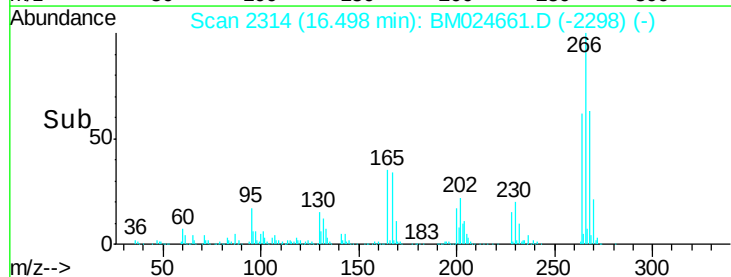
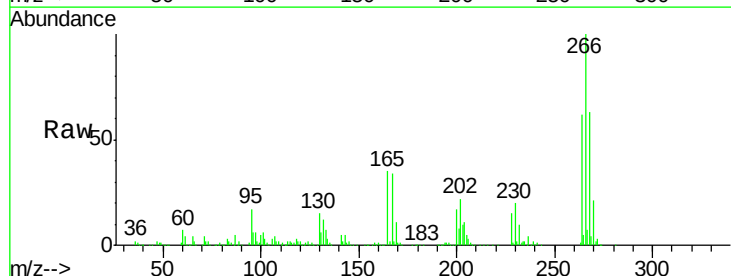
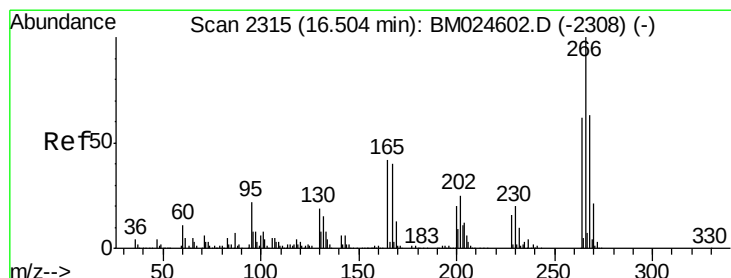
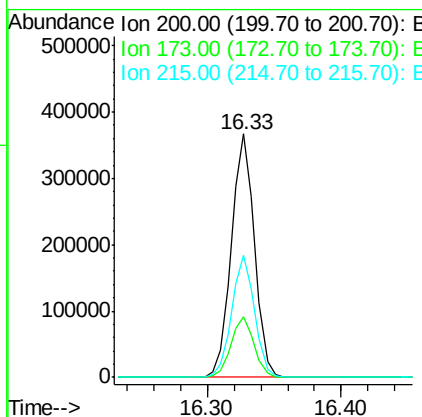
BNA_M

ClientSampleId :

PB126393BS

Manual Integrations
APPROVED

mohammad
2/3/2020 7:55:32 AM



#70

Pentachlorophenol

Concen: 101.435 ng

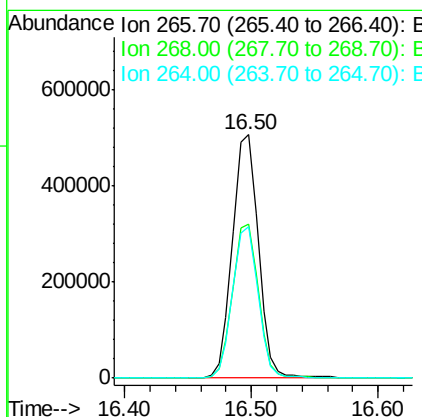
RT: 16.50 min Scan# 2314

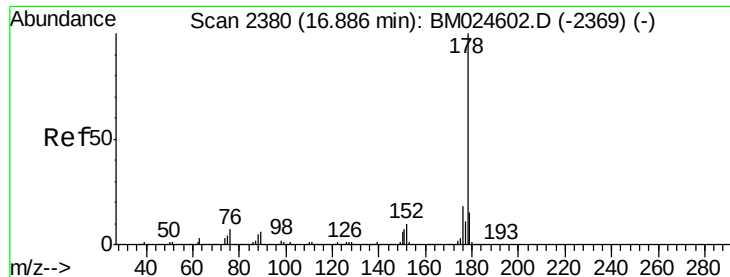
Delta R.T. -0.01 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

Tgt Ion:	266	Resp:	714801
Ion Ratio	Lower	Upper	
266	100		
268	63.5	50.4	75.6
264	62.4	49.9	74.9





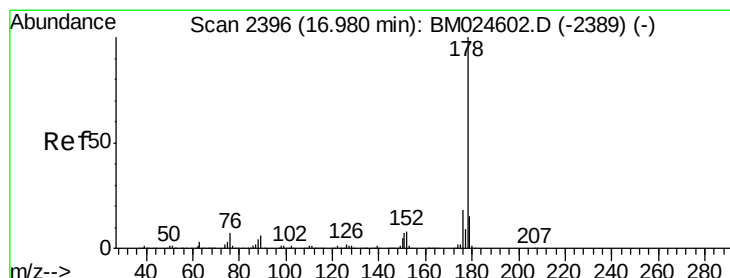
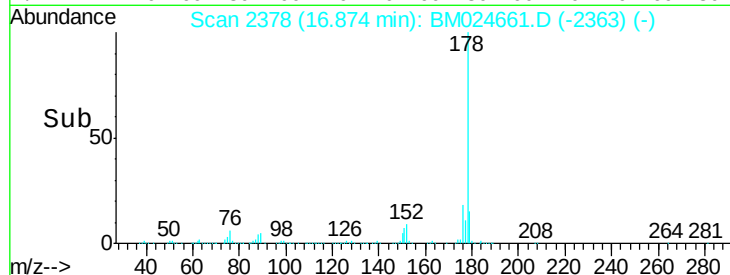
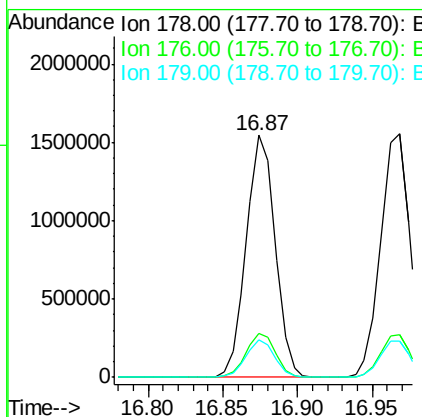
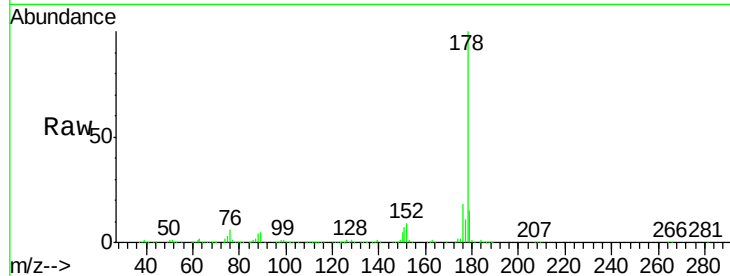
#71
Phenanthrene
Concen: 47.239 ng
RT: 16.87 min Scan# 2378
Delta R.T. -0.01 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

Instrument :
BNA_M
ClientSampleId :
PB126393BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.5	21.7
179	15.3	11.9	17.9

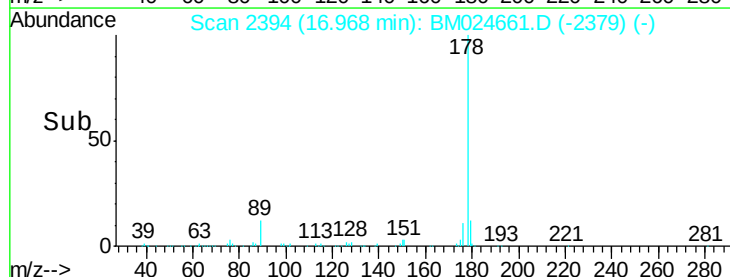
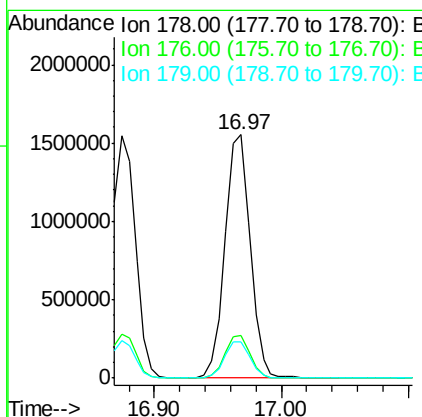
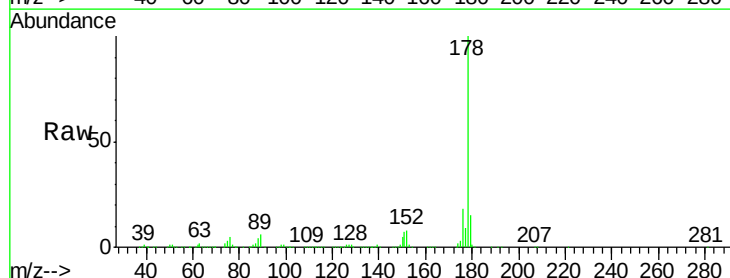
Manual Integrations
APPROVED

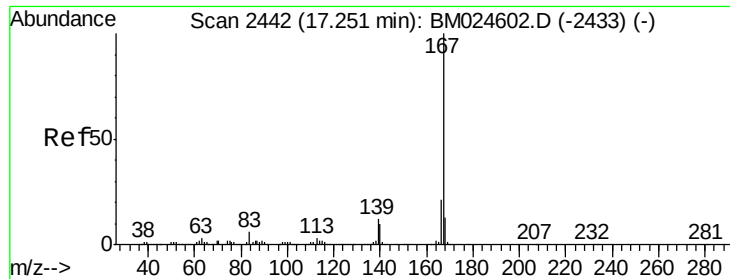
mohammad
2/3/2020 7:55:32 AM



#72
Anthracene
Concen: 49.605 ng
RT: 16.97 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.6	14.3	21.5
179	14.8	12.1	18.1





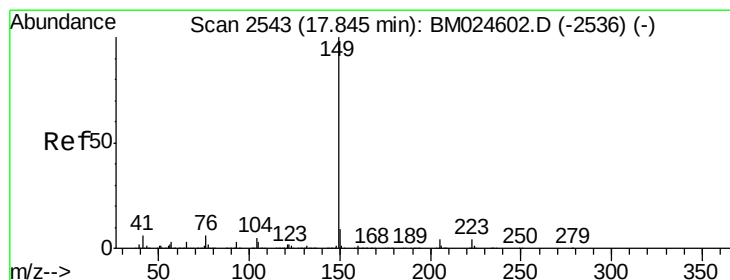
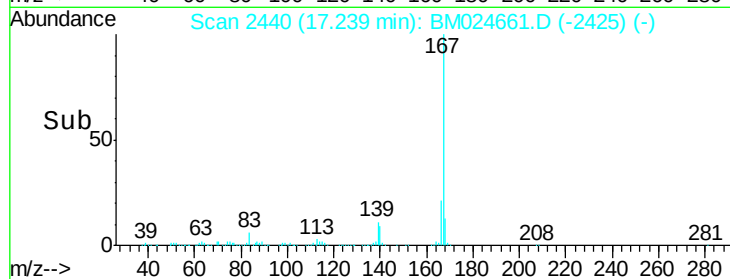
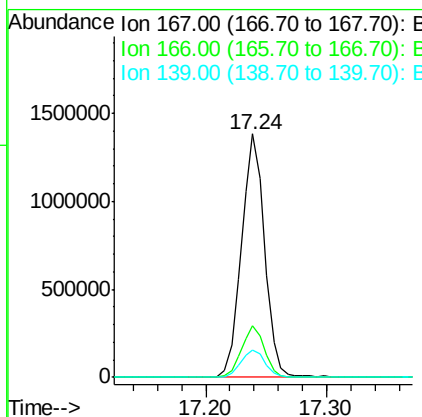
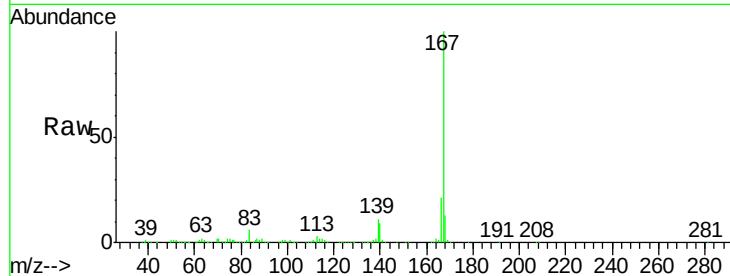
#73
 Carbazole
 Concen: 47.470 ng
 RT: 17.24 min Scan# 2440
 Delta R.T. -0.01 min
 Lab File: BM024661.D
 Acq: 30 Jan 2020 16:45

Instrument :
 BNA_M
 ClientSampleId :
 PB126393BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.1	25.7
139	11.5	9.8	14.8

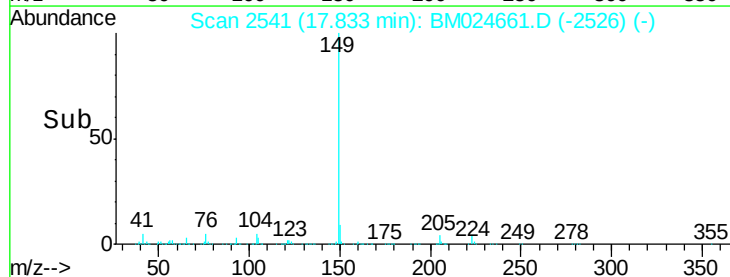
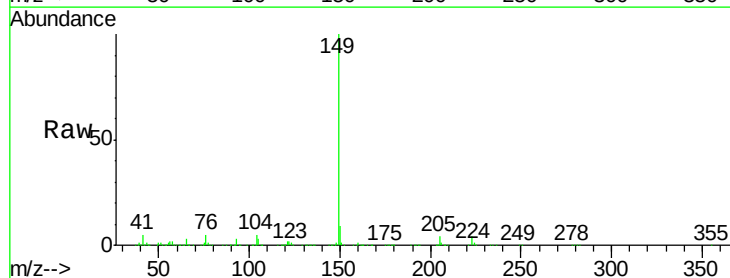
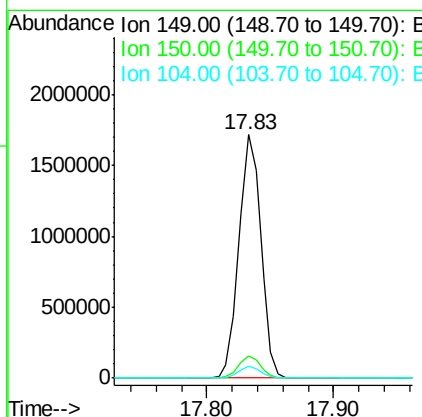
Manual Integrations
 APPROVED

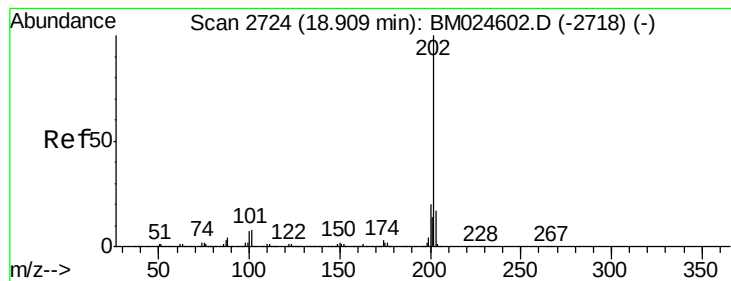
mohammad
 2/3/2020 7:55:32 AM



#74
 Di-n-butylphthalate
 Concen: 40.973 ng
 RT: 17.83 min Scan# 2541
 Delta R.T. -0.01 min
 Lab File: BM024661.D
 Acq: 30 Jan 2020 16:45

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.0
104	4.9	4.3	6.5





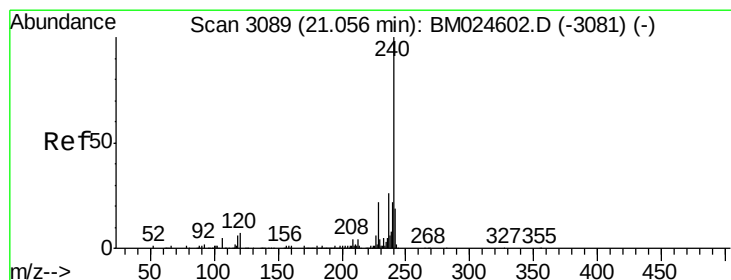
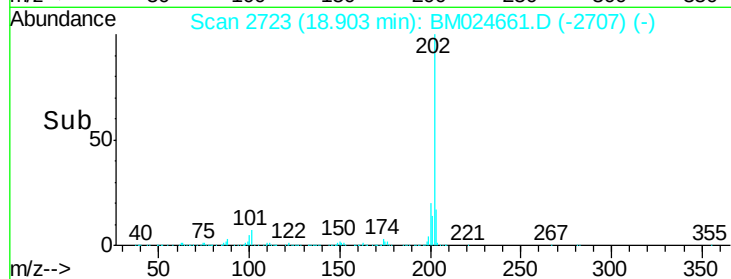
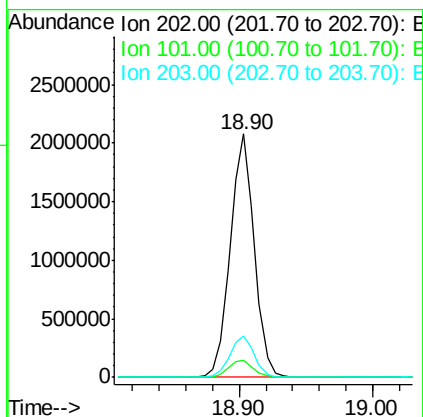
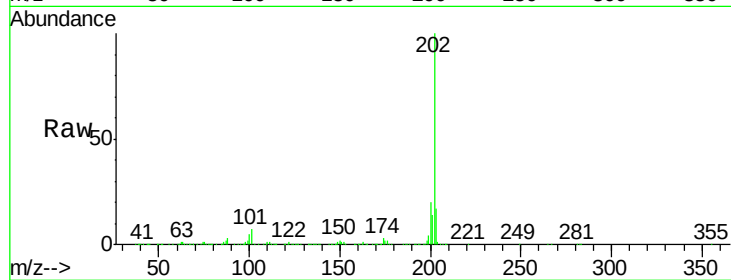
#75
 Fluoranthene
 Concen: 47.790 ng
 RT: 18.90 min Scan# 2723
 Delta R.T. -0.01 min
 Lab File: BM024661.D
 Acq: 30 Jan 2020 16:45

Instrument :
 BNA_M
 ClientSampleId :
 PB126393BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	7.2	0.0	28.4
203	17.0	0.0	37.5

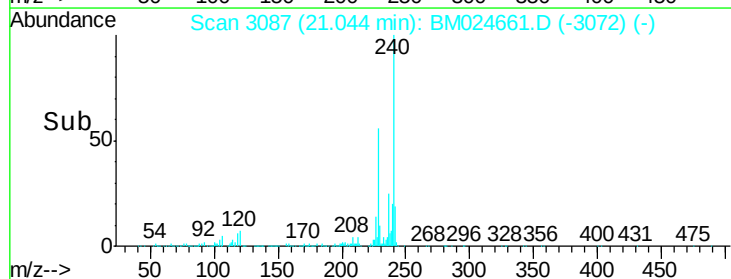
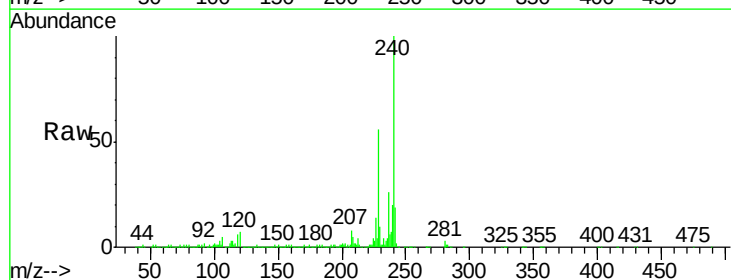
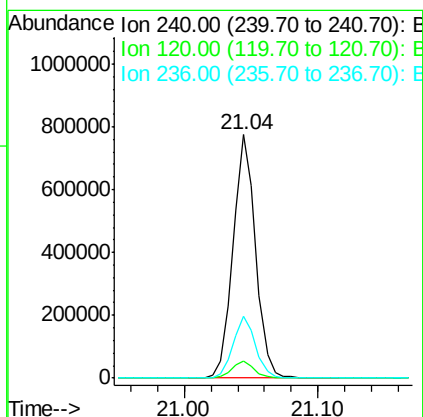
Manual Integrations
 APPROVED

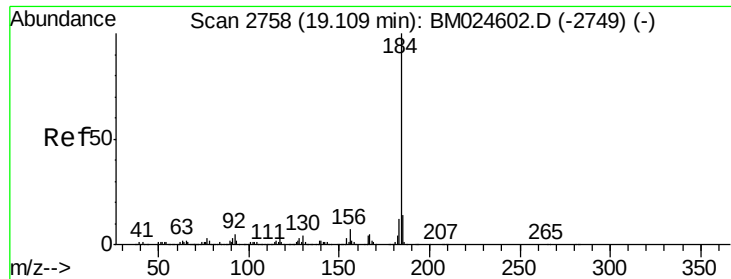
mohammad
 2/3/2020 7:55:32 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.04 min Scan# 3087
 Delta R.T. -0.01 min
 Lab File: BM024661.D
 Acq: 30 Jan 2020 16:45

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.1	5.3	7.9
236	25.5	20.6	31.0





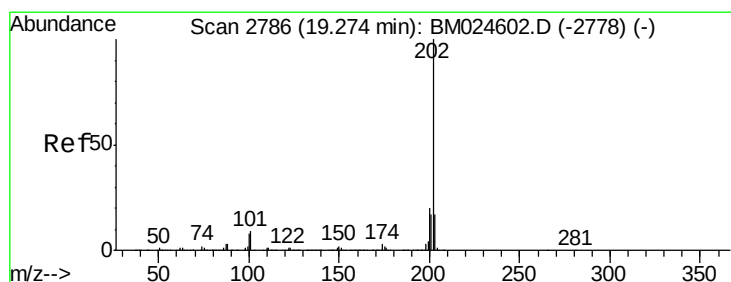
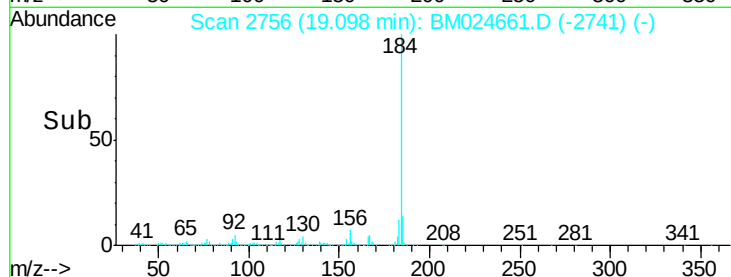
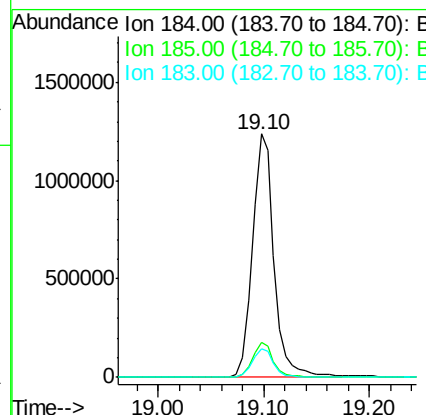
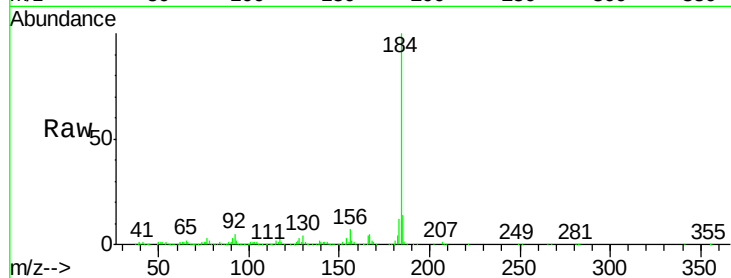
#77
Benzidine
Concen: 82.421 ng
RT: 19.10 min Scan# 2756
Delta R.T. -0.01 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

Instrument :
BNA_M
ClientSampleId :
PB126393BS

Tot Ion:184 Resp: 1752972
Ion Ratio Lower Upper
184 100
185 14.3 11.3 16.9
183 11.8 9.6 14.4

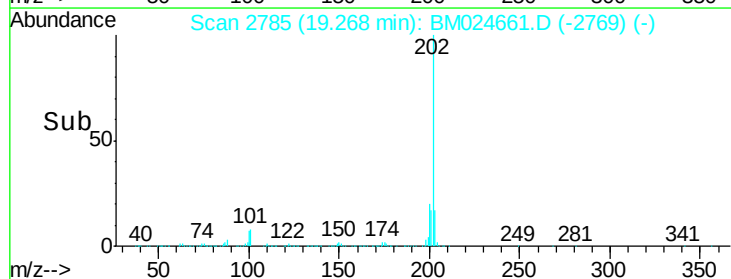
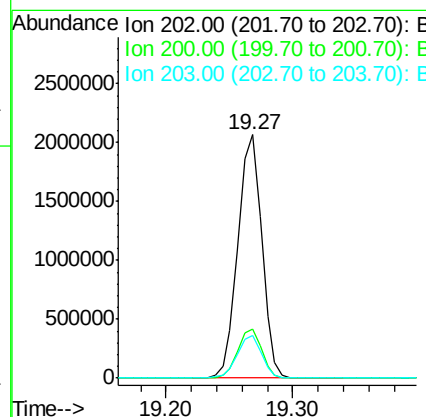
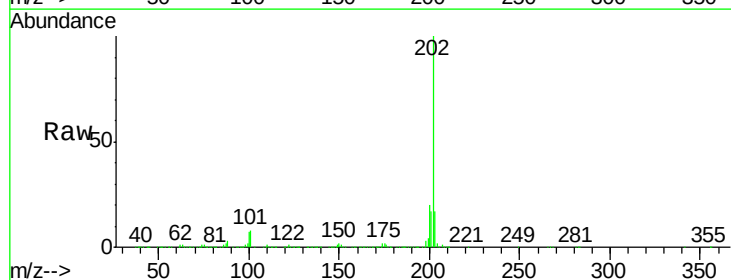
Manual Integrations
APPROVED

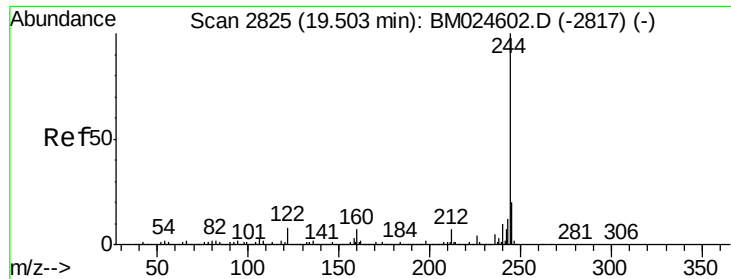
mohammad
2/3/2020 7:55:32 AM



#78
Pyrene
Concen: 44.779 ng
RT: 19.27 min Scan# 2785
Delta R.T. -0.01 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

Tgt Ion:202 Resp: 2695941
Ion Ratio Lower Upper
202 100
200 20.2 16.2 24.2
203 17.3 14.0 21.0





#79

Terphenyl-d14

Concen: 78.344 ng

RT: 19.49 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

Instrument :

BNA_M

ClientSampleId :

PB126393BS

Tot Ion:244 Resp: 3832458

Ion Ratio Lower Upper

244 100

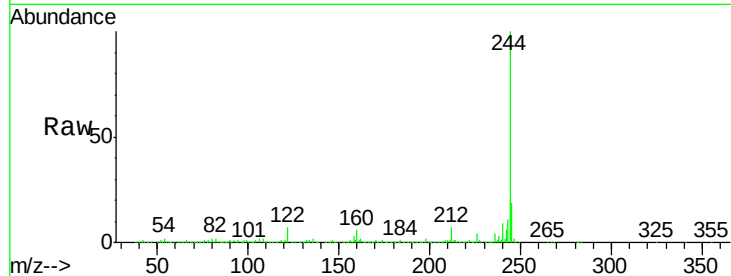
212 6.5 5.4 8.2

122 6.9 6.2 9.4

Manual Integrations
APPROVED

mohammad

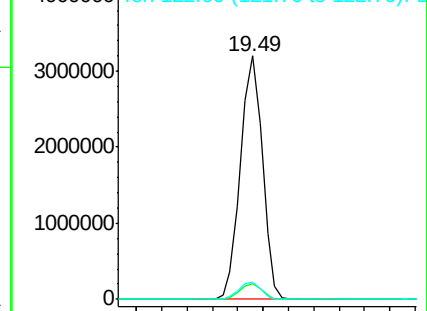
2/3/2020 7:55:32 AM



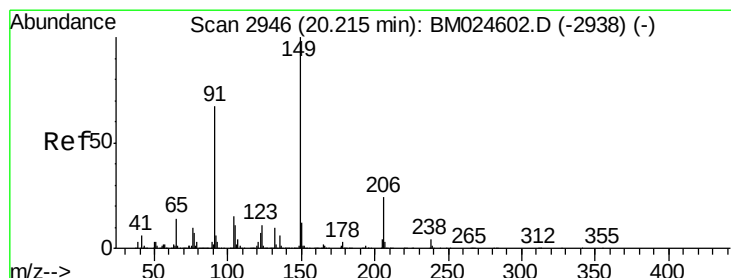
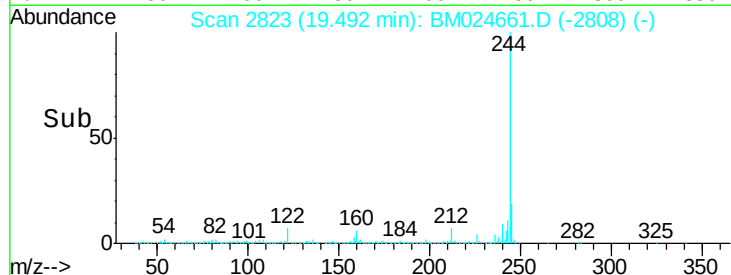
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#80

Butylbenzylphthalate

Concen: 38.378 ng

RT: 20.20 min Scan# 2944

Delta R.T. -0.01 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

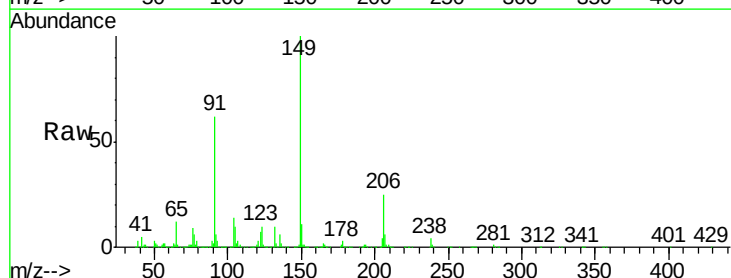
Tgt Ion:149 Resp: 969548

Ion Ratio Lower Upper

149 100

91 61.5 53.9 80.9

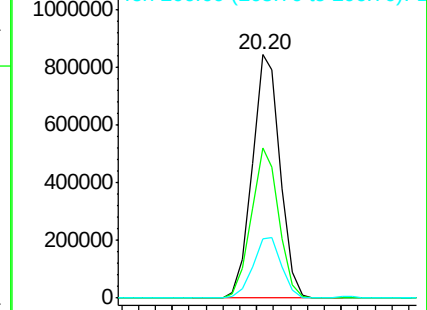
206 24.6 19.0 28.6



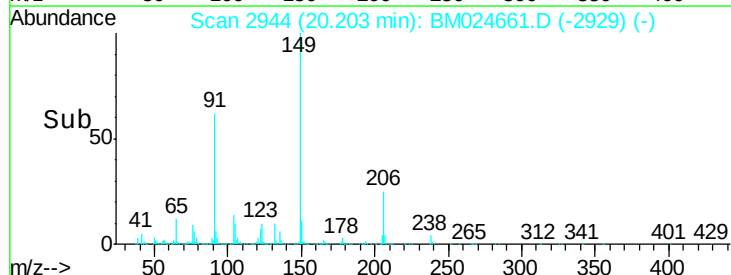
Abundance Ion 149.00 (148.70 to 149.70): E

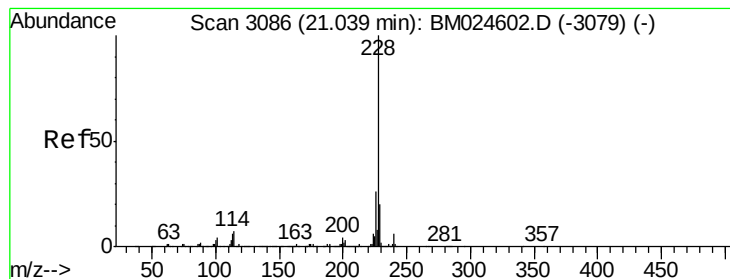
Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E



Time-->





#81

Benzo(a)anthracene

Concen: 46.166 ng

RT: 21.03 min Scan# 3085

Delta R.T. -0.01 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

Instrument :

BNA_M

ClientSampleId :

PB126393BS

Tot Ion:228 Resp: 2926234

Ion Ratio Lower Upper

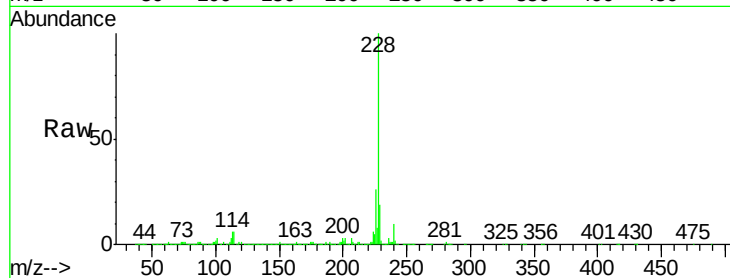
228 100

226 25.9 21.1 31.7

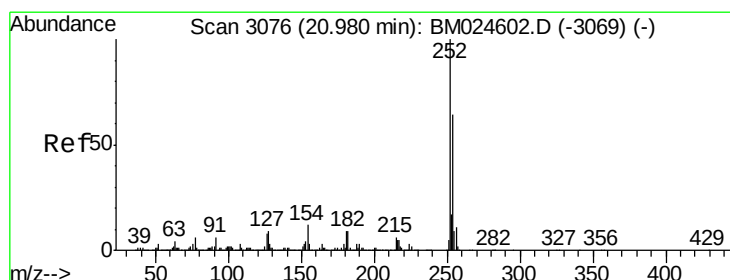
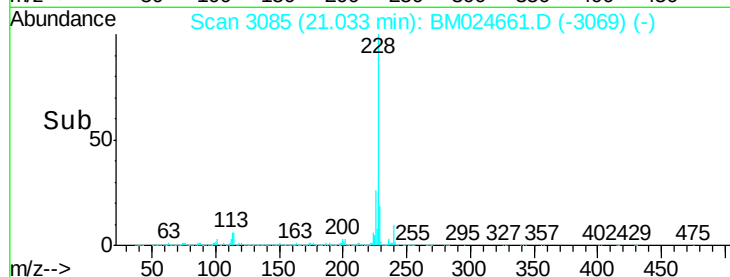
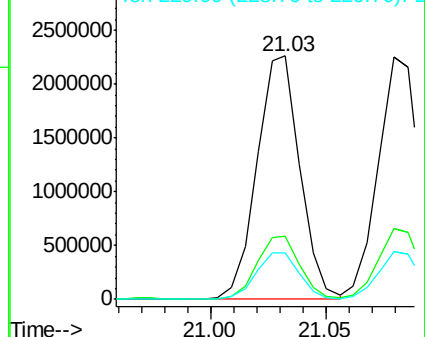
229 19.3 15.8 23.6

Manual Integrations
APPROVED

mohammad
2/3/2020 7:55:32 AM



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



#82

3,3'-Dichlorobenzidine

Concen: 42.026 ng

RT: 20.97 min Scan# 3075

Delta R.T. -0.01 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

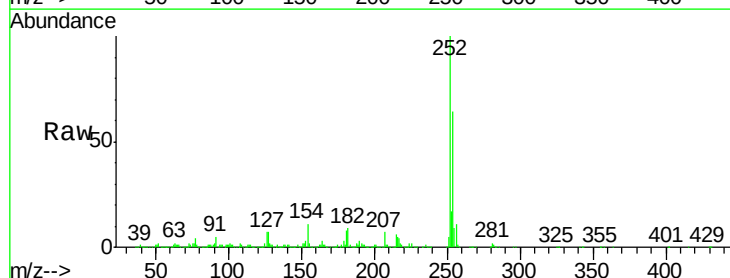
Tgt Ion:252 Resp: 958237

Ion Ratio Lower Upper

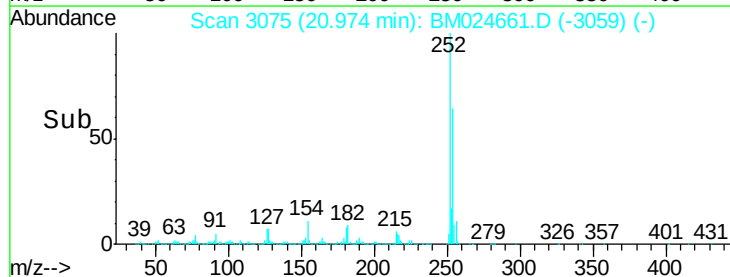
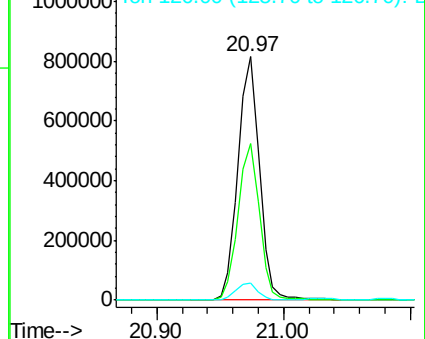
252 100

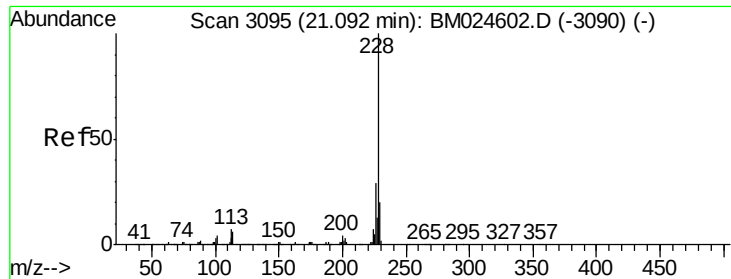
254 64.1 51.5 77.3

126 6.9 6.7 10.1



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





#83

Chrysene

Concen: 46.416 ng

RT: 21.08 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

Instrument :

BNA_M

ClientSampleId :

PB126393BS

Tot Ion:228 Resp: 2807362

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.2	34.8
229	19.7	15.7	23.5

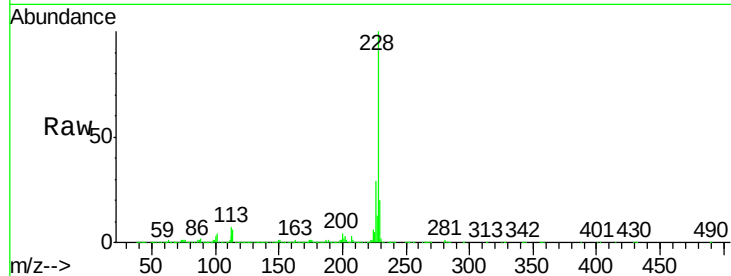
228 100

226 29.1 23.2 34.8

229 19.7 15.7 23.5

Manual Integrations
APPROVED

mohammad
2/3/2020 7:55:32 AM

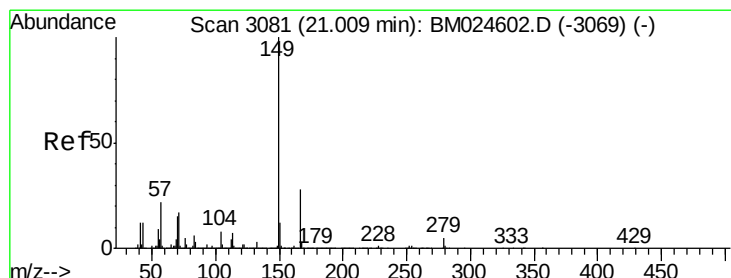
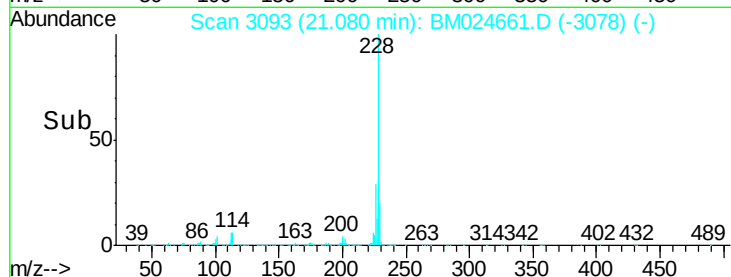
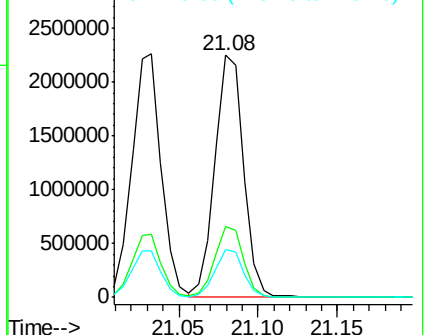


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.911 ng

RT: 21.00 min Scan# 3080

Delta R.T. -0.01 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

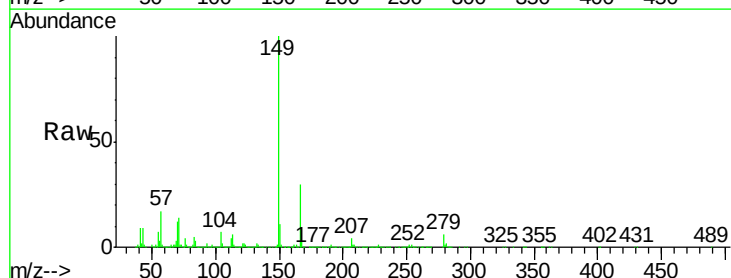
Tgt Ion:149 Resp: 1413164

Ion	Ratio	Lower	Upper
149	100		
167	29.9	22.5	33.7
279	6.2	4.0	6.0

149 100

167 29.9 22.5 33.7

279 6.2 4.0 6.0

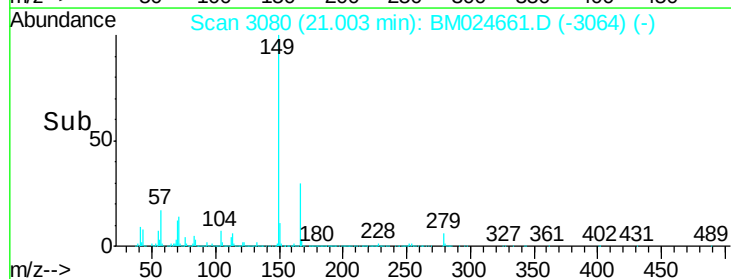
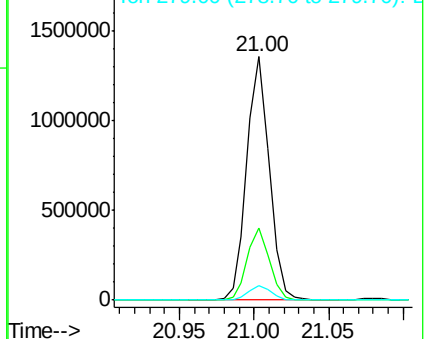


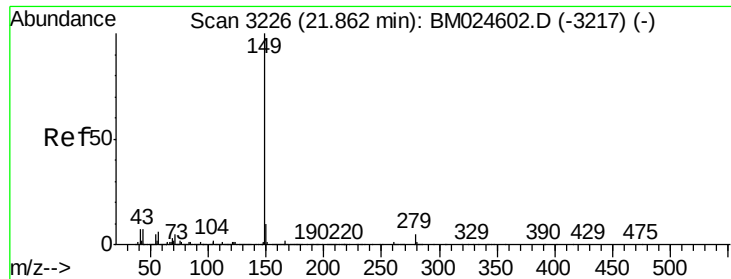
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.468 ng

RT: 21.86 min Scan# 3225

Delta R.T. -0.01 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

Instrument :

BNA_M

ClientSampleId :

PB126393BS

Tot Ion:149 Resp: 2553759

Ion Ratio Lower Upper

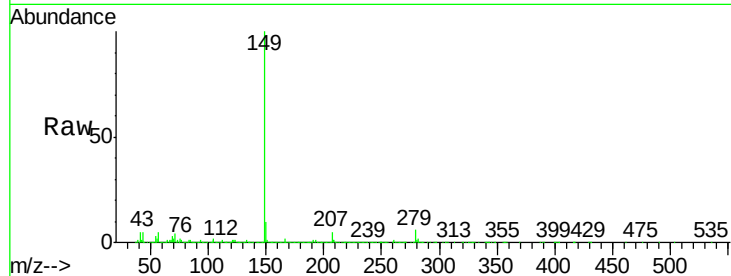
149 100

167 1.7 1.3 1.9

43 5.7 5.8 8.6#

Manual Integrations
APPROVED

mohammad
2/3/2020 7:55:32 AM



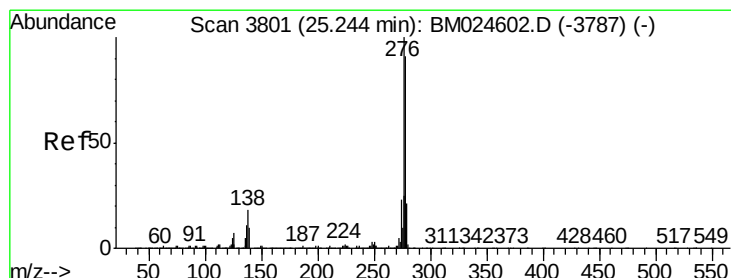
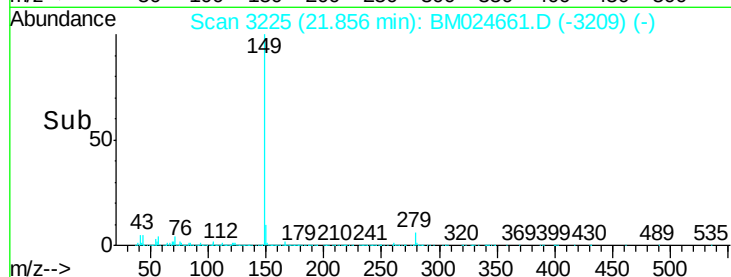
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM

21.86

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 63.751 ng

RT: 25.23 min Scan# 3798

Delta R.T. -0.02 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

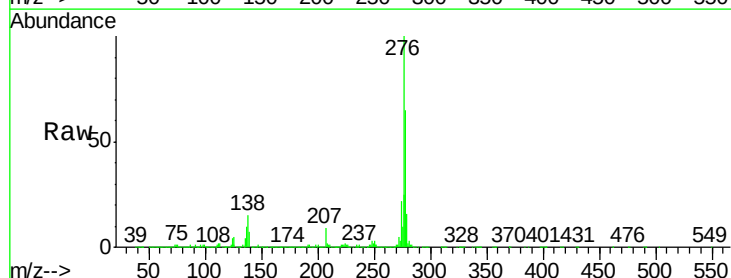
Tgt Ion:276 Resp: 4202585

Ion Ratio Lower Upper

276 100

138 15.7 13.4 20.0

277 25.3 19.6 29.4



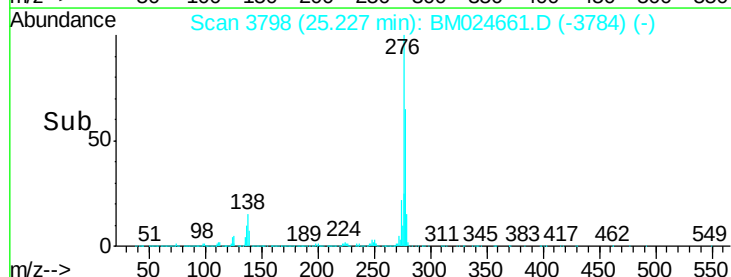
Abundance Ion 276.00 (275.70 to 276.70): E

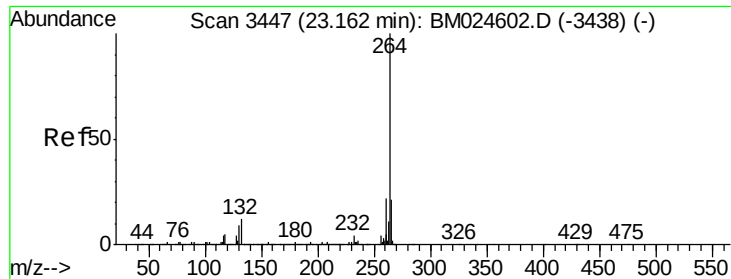
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

25.23

Time-->





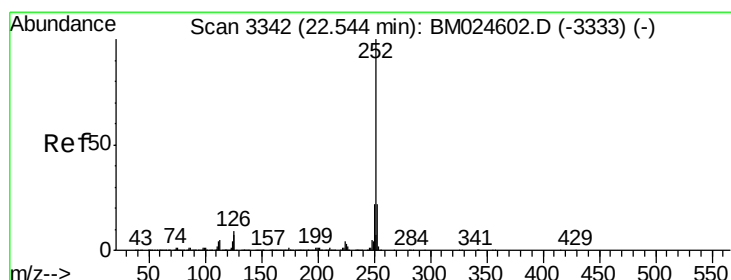
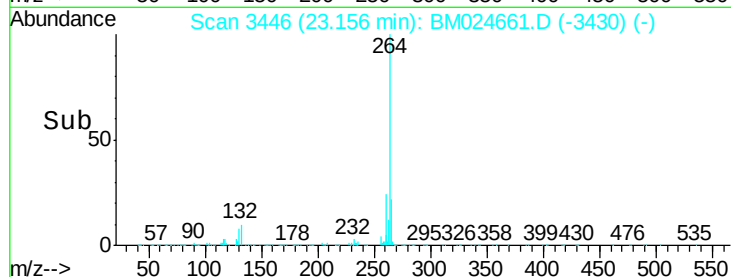
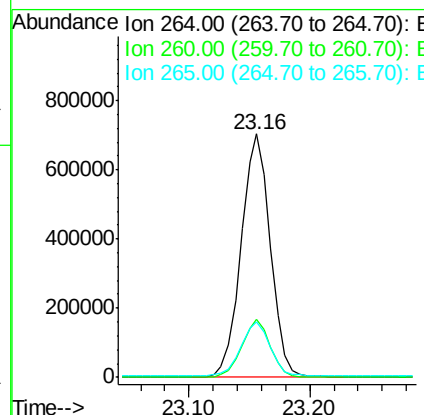
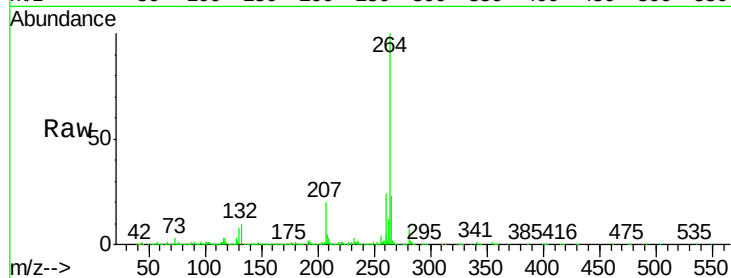
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.16 min Scan# 3446
Delta R.T. -0.01 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

Instrument :
BNA_M
ClientSampleId :
PB126393BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.9	26.9
265	22.6	17.3	25.9

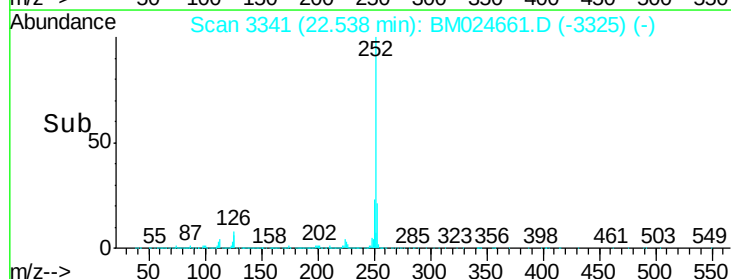
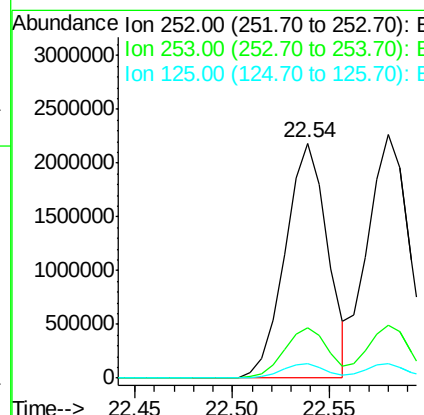
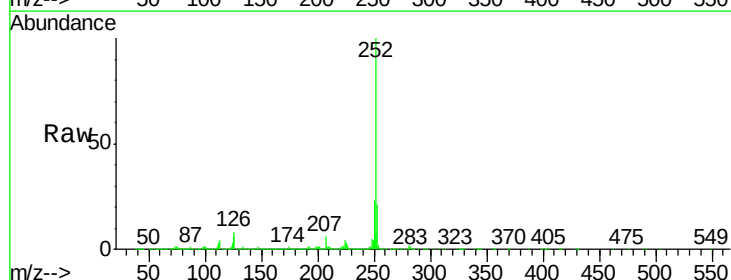
Manual Integrations
APPROVED

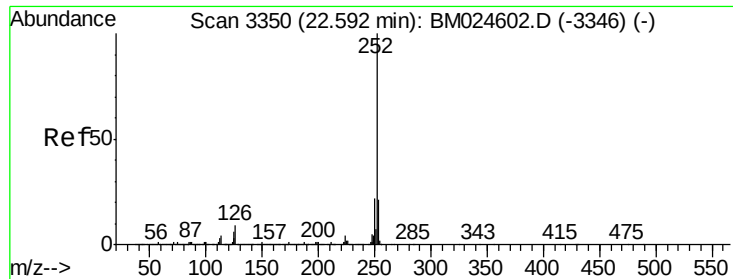
mohammad
2/3/2020 7:55:32 AM



#88
Benzo(b)fluoranthene
Concen: 42.725 ng
RT: 22.54 min Scan# 3341
Delta R.T. -0.01 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.6	26.4
125	6.0	5.7	8.5





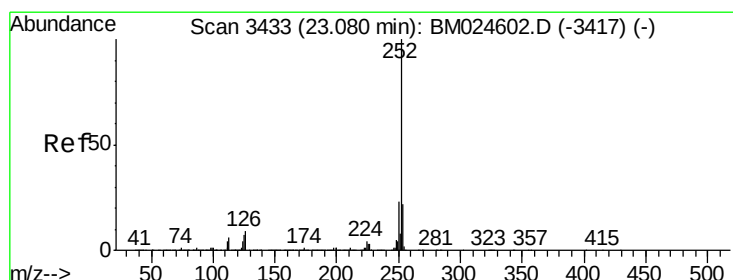
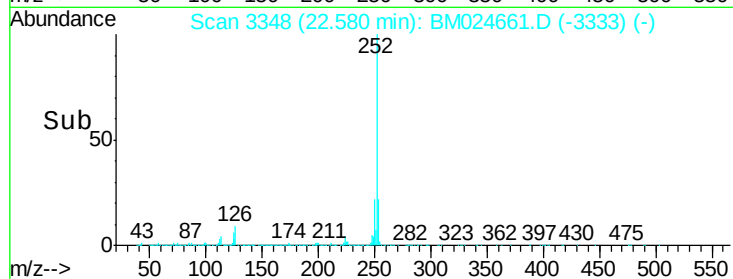
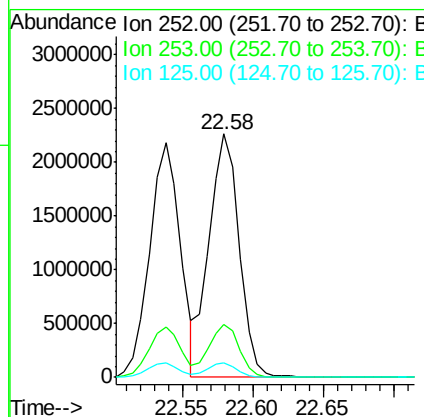
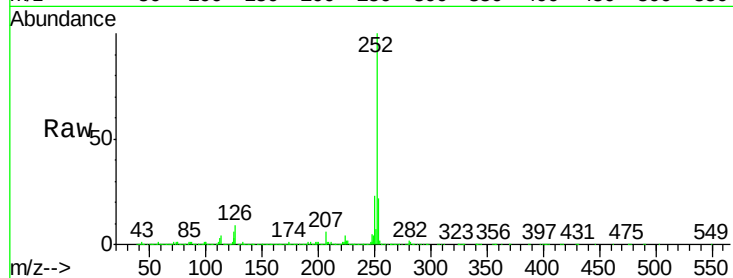
#89
Benzo(k)fluoranthene
Concen: 44.457 ng
RT: 22.58 min Scan# 3348
Delta R.T. -0.01 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

Instrument :
BNA_M
ClientSampleId :
PB126393BS

Tot Ion:252 Resp: 3343057
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 6.1 5.2 7.8

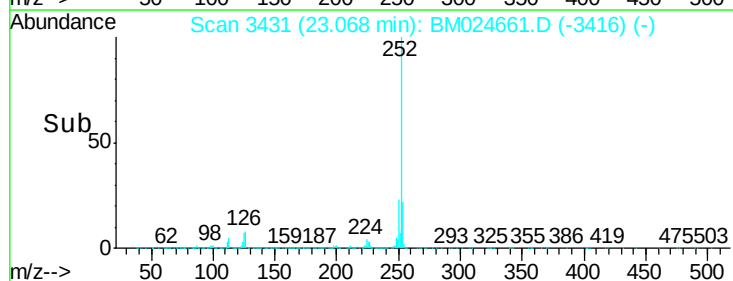
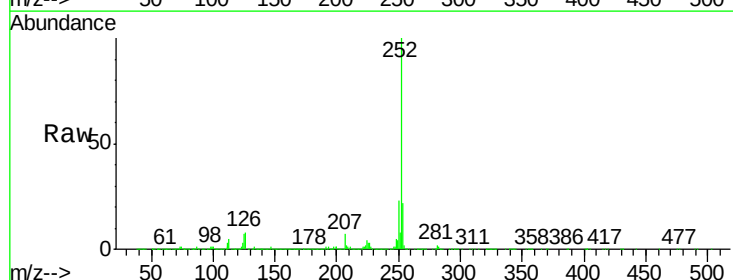
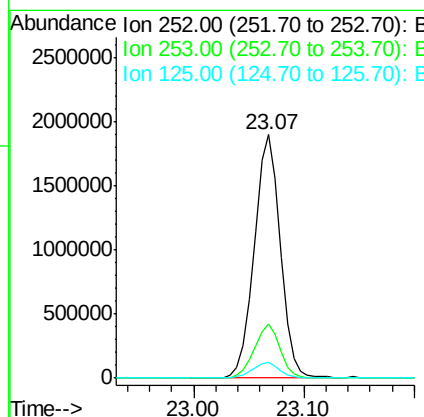
Manual Integrations
APPROVED

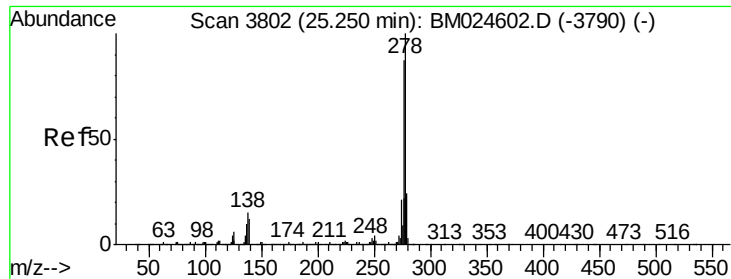
mohammad
2/3/2020 7:55:32 AM



#90
Benzo(a)pyrene
Concen: 44.858 ng
RT: 23.07 min Scan# 3431
Delta R.T. -0.01 min
Lab File: BM024661.D
Acq: 30 Jan 2020 16:45

Tgt Ion:252 Resp: 3141910
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 6.7 5.8 8.8





#91

Dibenzo(a,h)anthracene

Concen: 53.575 ng

RT: 25.24 min Scan# 3800

Delta R.T. -0.01 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

Instrument :

BNA_M

ClientSampleId :

PB126393BS

Tot Ion:278 Resp: 3561639

Ion Ratio Lower Upper

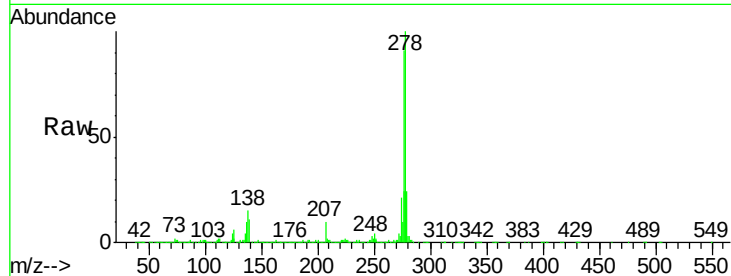
278 100

139 10.7 9.3 13.9

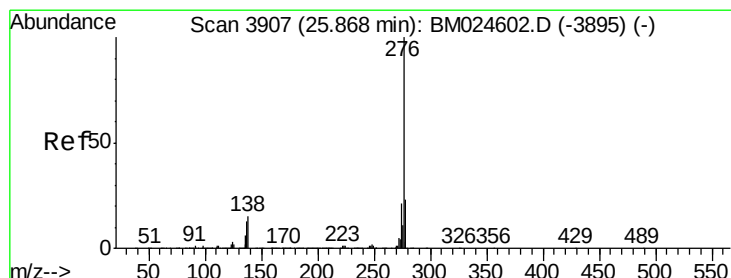
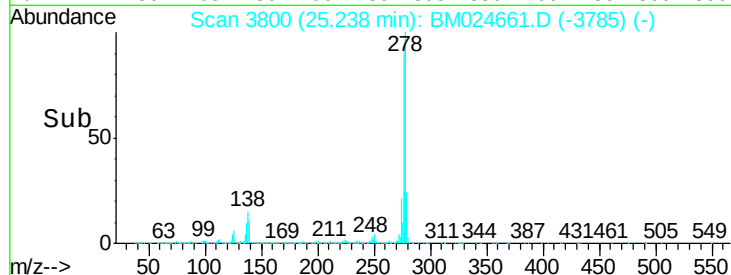
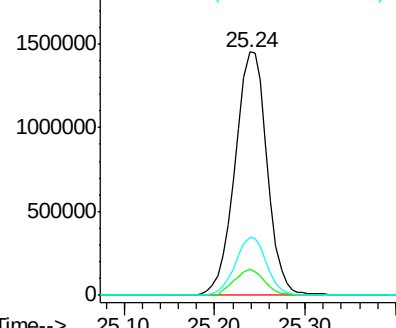
279 23.7 18.9 28.3

Manual Integrations
APPROVED

mohammad
2/3/2020 7:55:32 AM



Abundance Ion 278.00 (277.70 to 278.70): E
2000000
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 58.857 ng

RT: 25.86 min Scan# 3905

Delta R.T. -0.01 min

Lab File: BM024661.D

Acq: 30 Jan 2020 16:45

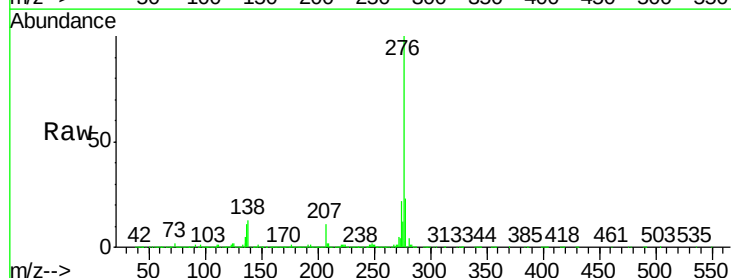
Tgt Ion:276 Resp: 3552871

Ion Ratio Lower Upper

276 100

277 23.3 18.6 28.0

138 13.1 11.9 17.9



Abundance Ion 276.00 (275.70 to 276.70): E
1500000
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

