

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061620\
 Data File : BM026413.D
 Acq On : 16 Jun 2020 15:39
 Operator : JU/CG
 Sample : PB129567BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB129567BS

Manual Integrations
 APPROVED

mohammad
 6/18/2020 11:52:31 AM

Quant Time: Jun 16 16:14:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 16 10:23:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	89044	20.00	ng	0.00
21) Naphthalene-d8	10.16	136	346327	20.00	ng	0.00
39) Acenaphthene-d10	14.05	164	200936	20.00	ng	0.00
64) Phenanthrene-d10	16.81	188	419673	20.00	ng	0.00
76) Chrysene-d12	21.02	240	474788	20.00	ng	0.00
86) Perylene-d12	23.11	264	516160	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	677757	134.57	ng	0.00
7) Phenol-d6	6.61	99	913612	125.27	ng	0.00
23) Nitrobenzene-d5	8.55	82	756283	107.22	ng	0.00
42) 2,4,6-Tribromophenol	15.56	330	312249	128.28	ng	0.00
45) 2-Fluorobiphenyl	12.66	172	1509749	114.05	ng	0.00
79) Terphenyl-d14	19.46	244	2108210	86.19	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.01	88	95642	42.121	ng	98
3) Pyridine	3.39	79	248520	37.263	ng	99
4) n-Nitrosodimethylamine	3.31	42	137392	41.608	ng	93
6) Aniline	6.75	93	305211	31.907	ng	99
8) 2-Chlorophenol	6.97	128	245745	42.304	ng	98
9) Benzaldehyde	6.56	77	143364	30.829	ng	98
10) Phenol	6.63	94	318756	41.042	ng	98
11) bis(2-Chloroethyl)ether	6.85	93	233392	37.309	ng	98
12) 1,3-Dichlorobenzene	7.29	146	262043	40.744	ng	99
13) 1,4-Dichlorobenzene	7.43	146	265612	40.545	ng	99
14) 1,2-Dichlorobenzene	7.75	146	251644	39.324	ng	97
15) Benzyl Alcohol	7.65	79	215036	34.723	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.93	45	406562	34.799	ng	100
17) 2-Methylphenol	7.86	107	203091	35.778	ng	98
18) Hexachloroethane	8.46	117	101037	40.724	ng	99
19) n-Nitroso-di-n-propylamine	8.21	70	199025	35.021	ng	99
20) 3+4-Methylphenols	8.19	107	269890	34.884	ng	99
22) Acetophenone	8.22	105	344304	38.663	ng	# 96
24) Nitrobenzene	8.59	77	294818	39.928	ng	100
25) Isophorone	9.12	82	490659	37.027	ng	98
26) 2-Nitrophenol	9.29	139	121983	41.743	ng	96
27) 2,4-Dimethylphenol	9.37	122	204977	44.433	ng	97
28) bis(2-Chloroethoxy)methane	9.60	93	298081	39.649	ng	99
29) 2,4-Dichlorophenol	9.82	162	214803	42.438	ng	96
30) 1,2,4-Trichlorobenzene	10.03	180	233429	42.057	ng	97
31) Naphthalene	10.21	128	705924	40.448	ng	99
32) Benzoic acid	9.53	122	107594	31.047	ng	95
33) 4-Chloroaniline	10.33	127	171304	22.505	ng	99
34) Hexachlorobutadiene	10.50	225	144032	41.106	ng	100
35) Caprolactam	11.12	113	61688m	34.690	ng	
36) 4-Chloro-3-methylphenol	11.47	107	242050	39.245	ng	98
37) 2-Methylnaphthalene	11.83	142	495362	39.831	ng	98
38) 1-Methylnaphthalene	12.06	142	468388	39.757	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.22	216	253025	44.237	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061620\
 Data File : BM026413.D
 Acq On : 16 Jun 2020 15:39
 Operator : JU/CG
 Sample : PB129567BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB129567BS

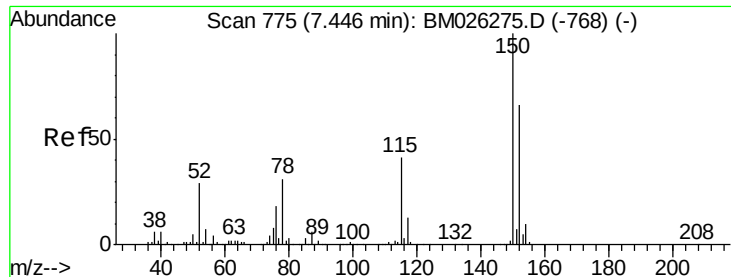
Manual Integrations
 APPROVED

mohammad
 6/18/2020 11:52:31 AM

Quant Time: Jun 16 16:14:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 16 10:23:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.20	237	300539	89.162	ng	99
43) 2,4,6-Trichlorophenol	12.47	196	164667	42.533	ng	96
44) 2,4,5-Trichlorophenol	12.55	196	176480	39.271	ng	99
46) 1,1'-Biphenyl	12.87	154	607589	43.130	ng	100
47) 2-Chloronaphthalene	12.91	162	477242	41.708	ng	100
48) 2-Nitroaniline	13.13	65	173765	38.317	ng	98
49) Acenaphthylene	13.77	152	746711	40.801	ng	100
50) Dimethylphthalate	13.53	163	577523	39.295	ng	99
51) 2,6-Dinitrotoluene	13.65	165	128895	39.967	ng	98
52) Acenaphthene	14.12	154	449306	40.894	ng	99
53) 3-Nitroaniline	13.97	138	94603	26.343	ng	96
54) 2,4-Dinitrophenol	14.19	184	142841	72.876	ng	98
55) Dibenzofuran	14.46	168	711886	40.214	ng	99
56) 4-Nitrophenol	14.31	139	220498	77.425	ng	98
57) 2,4-Dinitrotoluene	14.45	165	178199	39.740	ng	100
58) Fluorene	15.11	166	575901	40.052	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.70	232	158403	41.210	ng	100
60) Diethylphthalate	14.91	149	571399	38.170	ng	99
61) 4-Chlorophenyl-phenylether	15.12	204	294828	38.656	ng	99
62) 4-Nitroaniline	15.14	138	134910	35.226	ng	98
63) Azobenzene	15.41	77	644854	39.372	ng	99
65) 4,6-Dinitro-2-methylphenol	15.22	198	98751	38.695	ng	99
66) n-Nitrosodiphenylamine	15.34	169	496792	40.862	ng	99
67) 4-Bromophenyl-phenylether	16.01	248	179294	38.809	ng	100
68) Hexachlorobenzene	16.12	284	196624	40.787	ng	100
69) Atrazine	16.30	200	157322	43.314	ng	99
70) Pentachlorophenol	16.47	266	241754	83.275	ng	100
71) Phenanthrene	16.85	178	875062	40.040	ng	100
72) Anthracene	16.94	178	898201	41.180	ng	100
73) Carbazole	17.22	167	815704	39.436	ng	99
74) Di-n-butylphthalate	17.80	149	947289	38.834	ng	99
75) Fluoranthene	18.87	202	1057564	42.208	ng	99
77) Benzidine	19.08	184	577216	58.529	ng	99
78) Pyrene	19.24	202	1086416	34.631	ng	99
80) Butylbenzylphthalate	20.17	149	438916	34.599	ng	99
81) Benzo(a)anthracene	21.00	228	1133413	39.770	ng	99
82) 3,3'-Dichlorobenzidine	20.95	252	326076	36.982	ng	99
83) Chrysene	21.06	228	1111626	40.931	ng	100
84) Bis(2-ethylhexyl)phthalate	20.97	149	676964	37.425	ng	98
85) Di-n-octyl phthalate	21.82	149	1178064	42.218	ng	100
87) Indeno(1,2,3-cd)pyrene	25.16	276	1472918	49.331	ng	99
88) Benzo(b)fluoranthene	22.50	252	1281861	41.284	ng	100
89) Benzo(k)fluoranthene	22.54	252	1171513	38.836	ng	100
90) Benzo(a)pyrene	23.02	252	1143447	41.463	ng	99
91) Dibenzo(a,h)anthracene	25.16	278	1240689	49.773	ng	100
92) Benzo(g,h,i)perylene	25.77	276	1206407	50.860	ng	100

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



#1

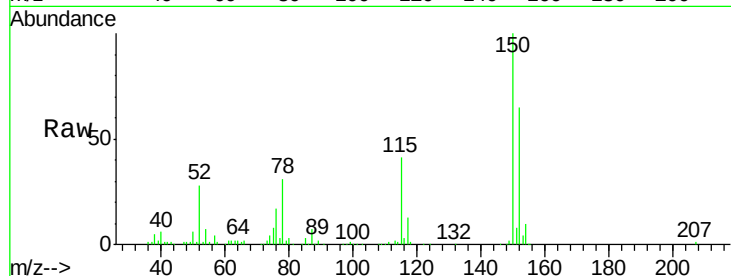
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.40 min Scan# 767
Delta R.T. -0.00 min
Lab File: BM026413.D
Acq: 16 Jun 2020 15:39

Instrument :
BNA_M
ClientSampleId :
PB129567BS

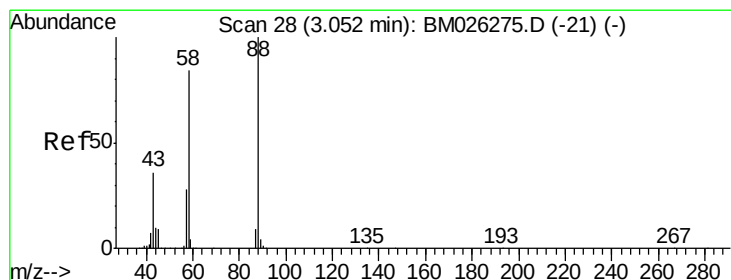
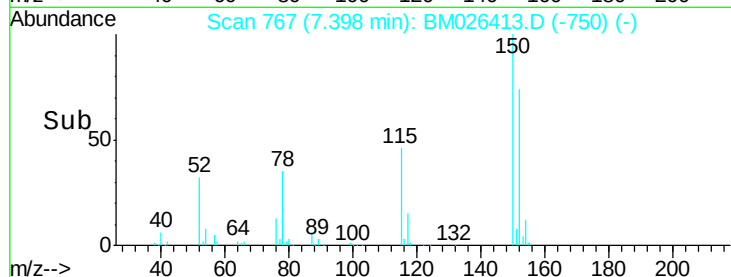
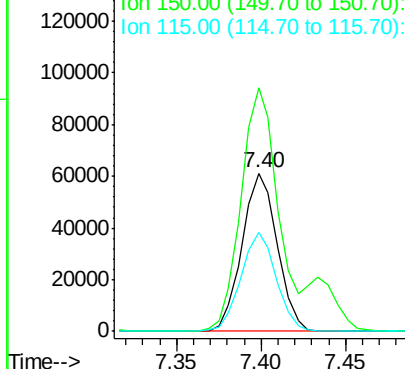
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	127.8	191.6
115	62.5	51.5	77.3

Manual Integrations
APPROVED

mohammad
6/18/2020 11:52:31 AM



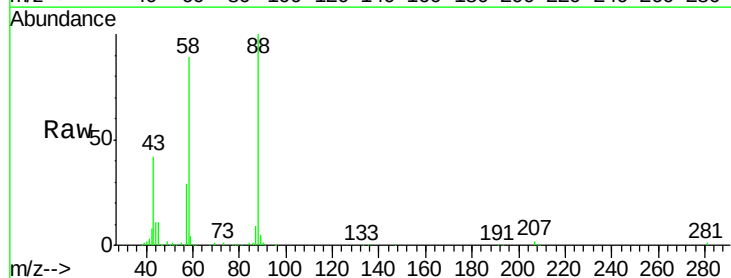
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



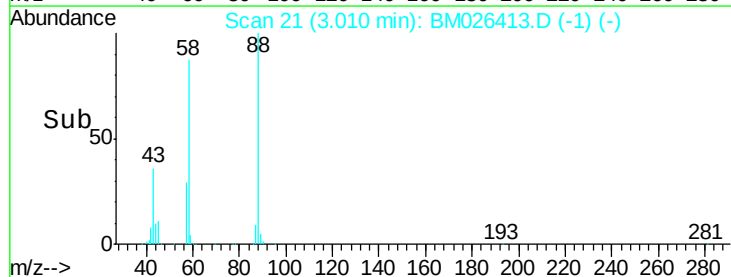
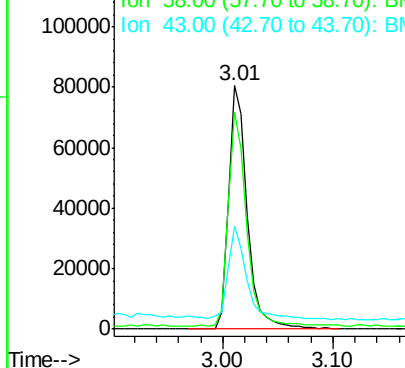
#2

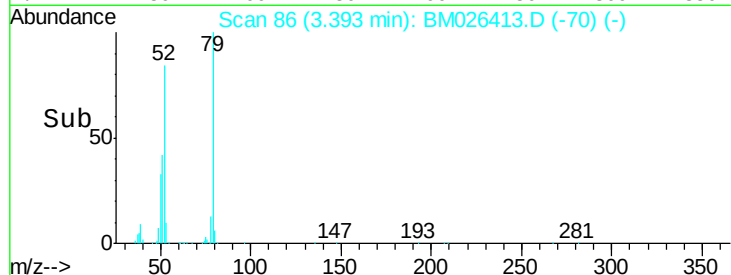
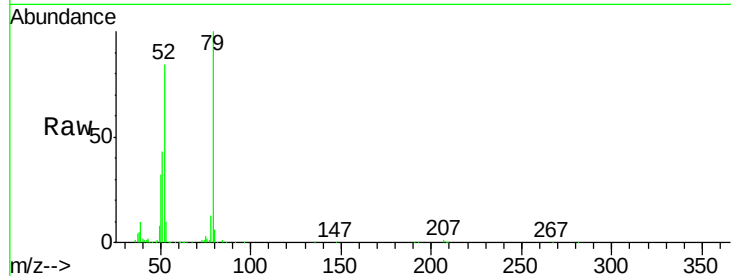
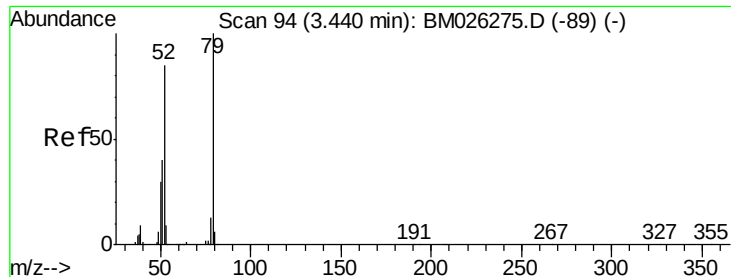
1,4-Dioxane
Concen: 42.121 ng
RT: 3.01 min Scan# 21
Delta R.T. -0.01 min
Lab File: BM026413.D
Acq: 16 Jun 2020 15:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.7	67.7	101.5
43	37.5	28.0	42.0



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





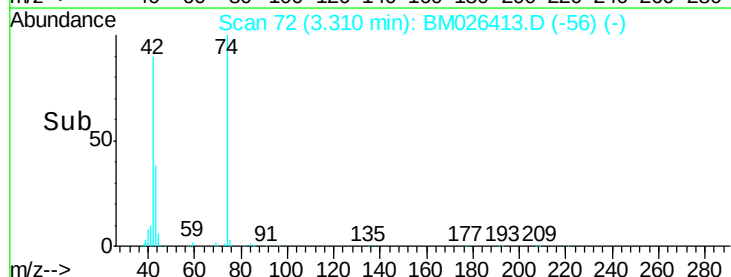
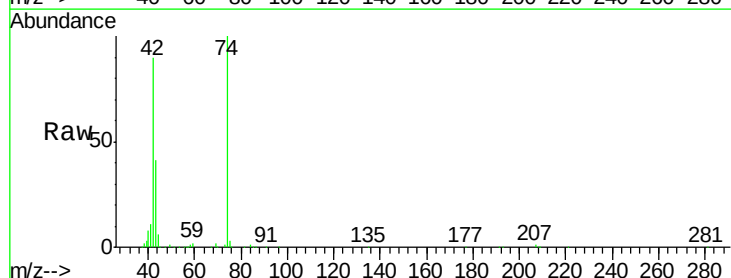
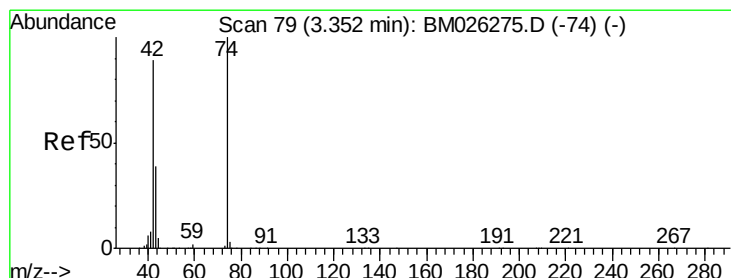
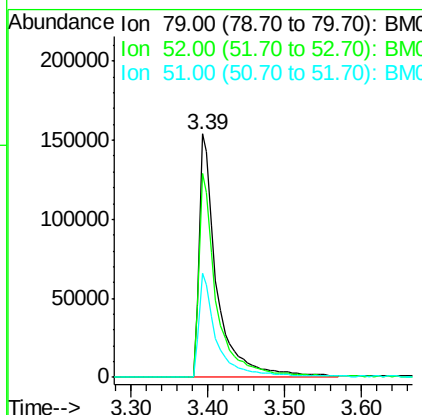
#3
 Pvridine
 Concen: 37.263 ng
 RT: 3.39 min Scan# 86
 Delta R.T. -0.01 min
 Lab File: BM026413.D
 Acq: 16 Jun 2020 15:39

Tot Ion	Ratio	Lower	Upper
79	100		
52	83.6	67.4	101.2
51	42.6	33.0	49.6

Instrument :
 BNA_M
 ClientSampleId :
 PB129567BS

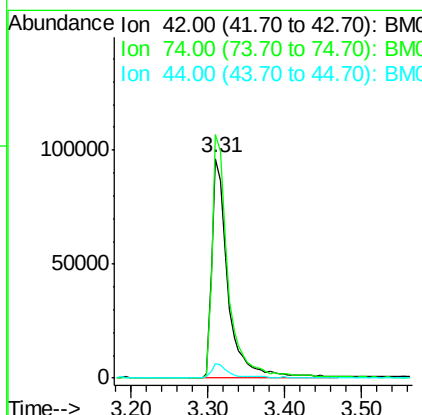
Manual Integrations
 APPROVED

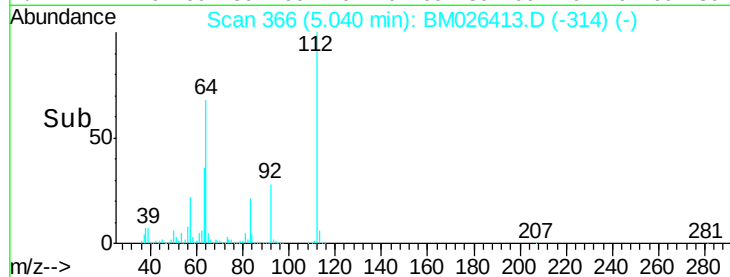
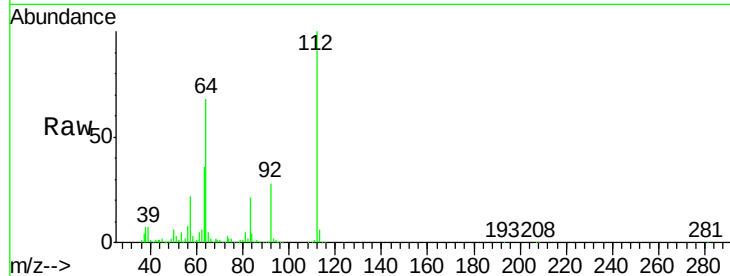
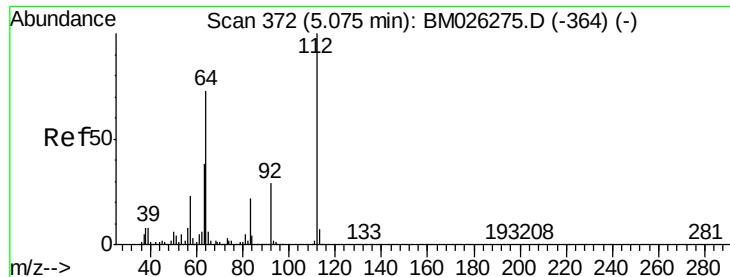
mohammad
 6/18/2020 11:52:31 AM



#4
 n-Nitrosodimethylamine
 Concen: 41.608 ng
 RT: 3.31 min Scan# 72
 Delta R.T. -0.01 min
 Lab File: BM026413.D
 Acq: 16 Jun 2020 15:39

Tgt Ion	Ratio	Lower	Upper
42	100		
74	111.0	95.4	143.2
44	6.4	5.9	8.9





#5

2-Fluorophenol

Concen: 134.574 ng

RT: 5.04 min Scan# 366

Delta R.T. 0.01 min

Lab File: BM026413.D

Acq: 16 Jun 2020 15:39

Tot Ion:	112	Resp:	677757
Ion Ratio	Lower	Upper	
112	100		
64	67.9	56.0	84.0
63	35.7	29.0	43.6

Instrument :

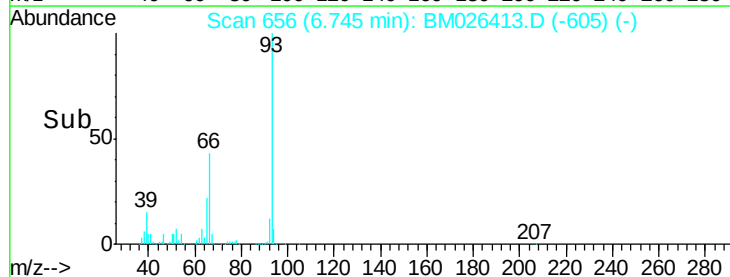
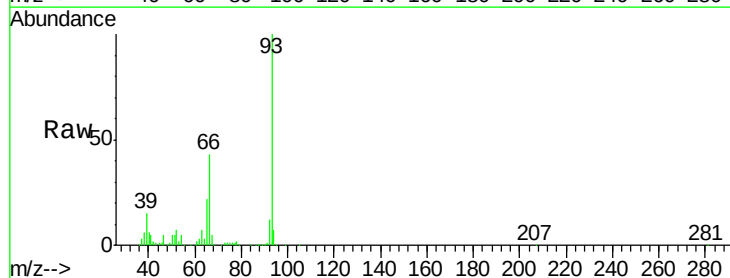
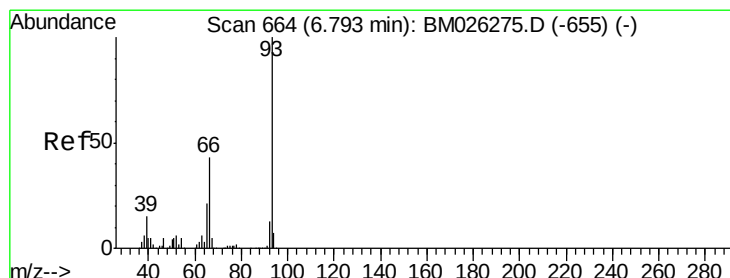
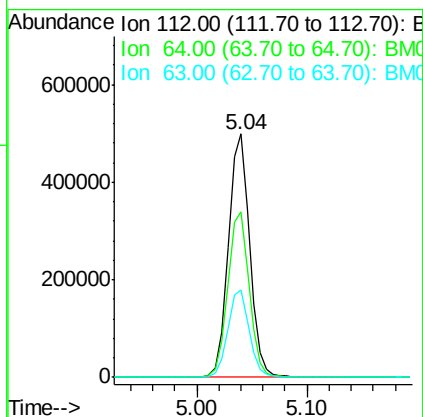
BNA_M

ClientSampleId :

PB129567BS

Manual Integrations
APPROVED

mohammad
6/18/2020 11:52:31 AM



#6

Aniline

Concen: 31.907 ng

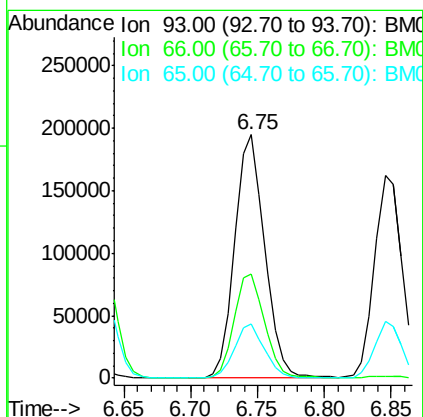
RT: 6.75 min Scan# 656

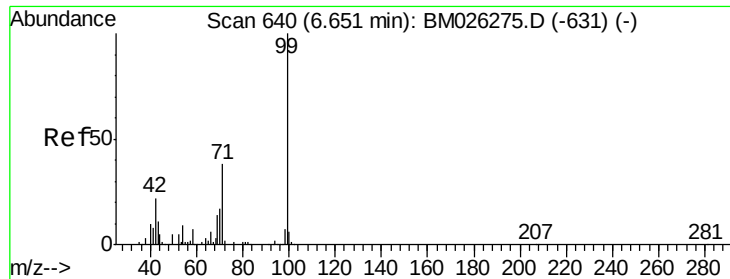
Delta R.T. -0.00 min

Lab File: BM026413.D

Acq: 16 Jun 2020 15:39

Tgt Ion:	93	Resp:	305211
Ion Ratio	Lower	Upper	
93	100		
66	42.9	34.1	51.1
65	22.2	17.5	26.3





#7

Phenol-d6

Concen: 125.275 ng

RT: 6.61 min Scan# 633

Delta R.T. 0.01 min

Lab File: BM026413.D

Acq: 16 Jun 2020 15:39

Instrument :

BNA_M

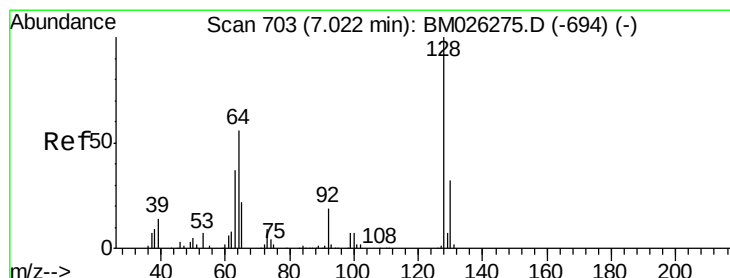
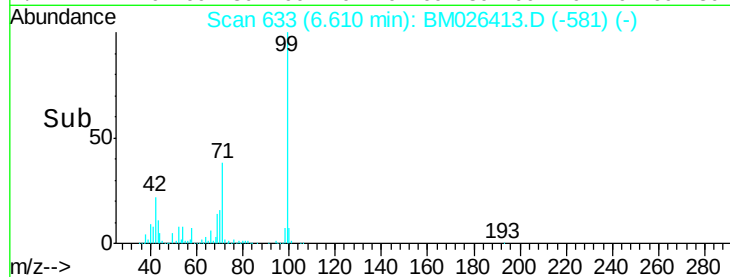
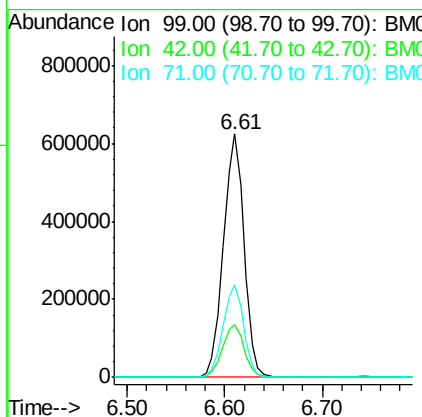
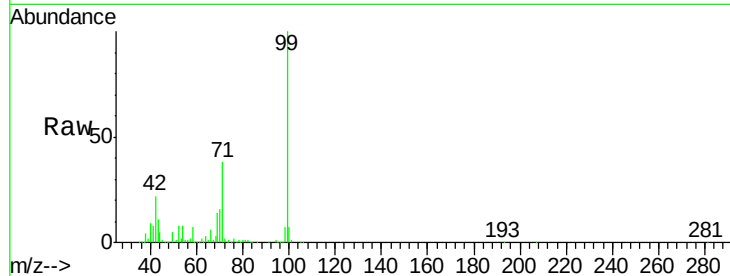
ClientSampleId :

PB129567BS

Tot Ion:	99	Resp:	913612
Ion Ratio	Lower	Upper	
99	100		
42	21.6	17.8	26.6
71	38.0	31.0	46.4

Manual Integrations
APPROVED

mohammad
6/18/2020 11:52:31 AM



#8

2-Chlorophenol

Concen: 42.304 ng

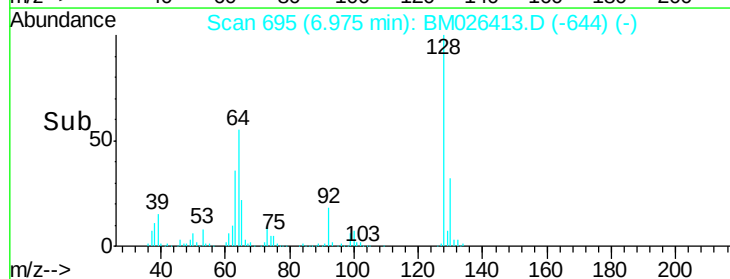
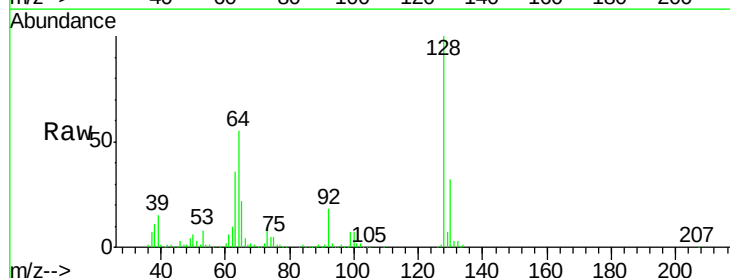
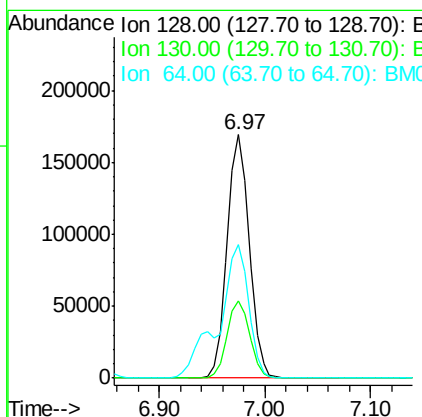
RT: 6.97 min Scan# 695

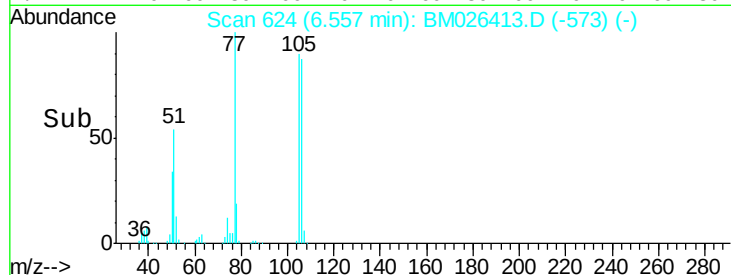
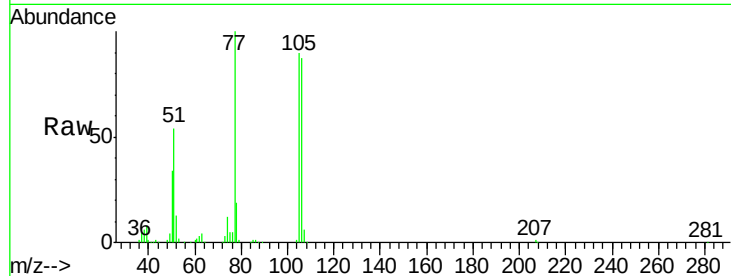
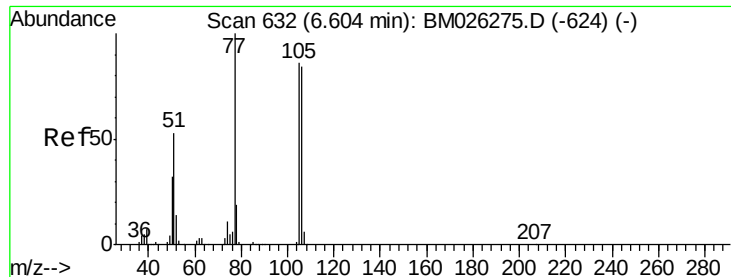
Delta R.T. -0.00 min

Lab File: BM026413.D

Acq: 16 Jun 2020 15:39

Tgt Ion:	128	Resp:	245745
Ion Ratio	Lower	Upper	
128	100		
130	31.9	12.3	52.3
64	54.9	36.4	76.4





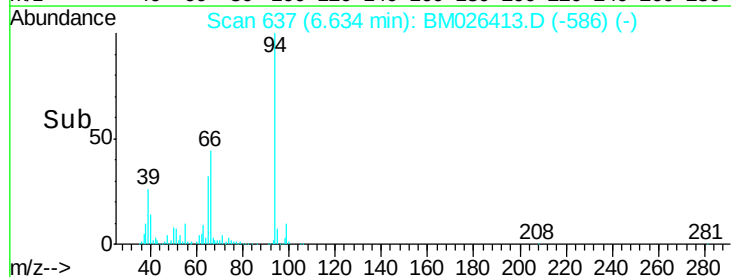
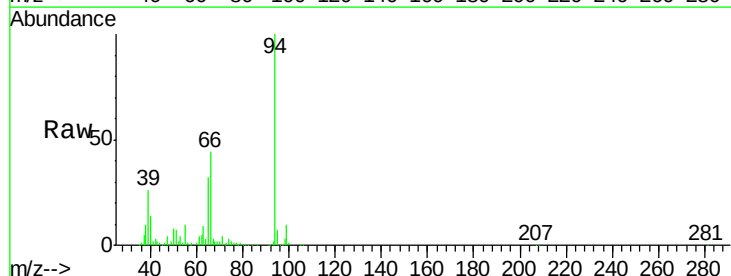
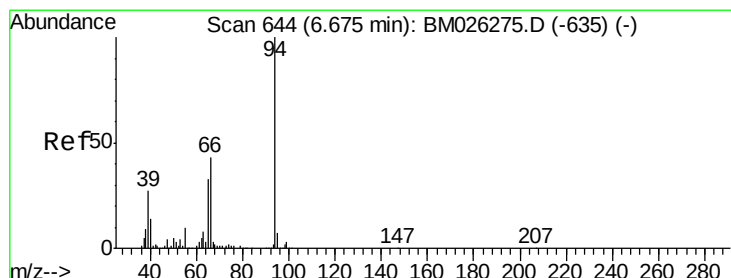
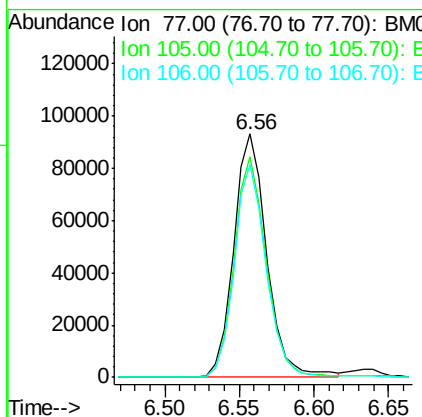
#9
Benzaldehyde
Concen: 30.829 ng
RT: 6.56 min Scan# 624
Delta R.T. -0.00 min
Lab File: BM026413.D
Acq: 16 Jun 2020 15:39

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	90.5	71.5	111.5		
106	87.5	64.7	104.7		

Instrument :
BNA_M
ClientSampleId :
PB129567BS

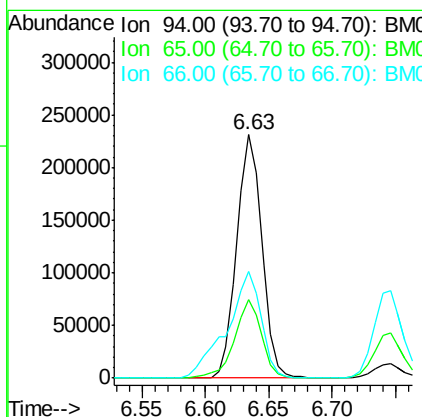
Manual Integrations
APPROVED

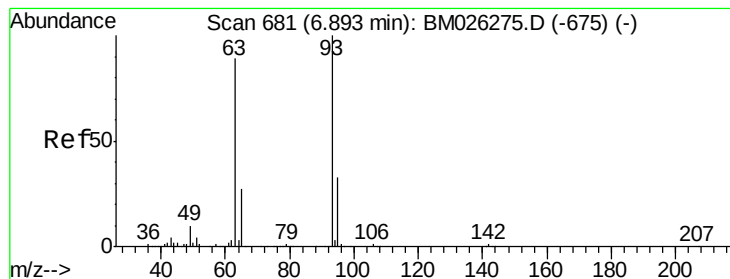
mohammad
6/18/2020 11:52:31 AM



#10
Phenol
Concen: 41.042 ng
RT: 6.63 min Scan# 637
Delta R.T. -0.00 min
Lab File: BM026413.D
Acq: 16 Jun 2020 15:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	32.2	11.4	51.4		
66	43.7	21.7	61.7		





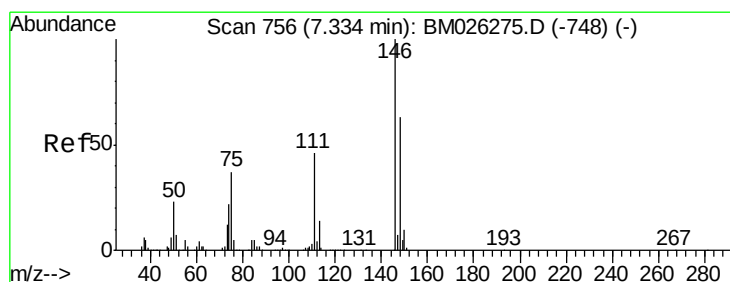
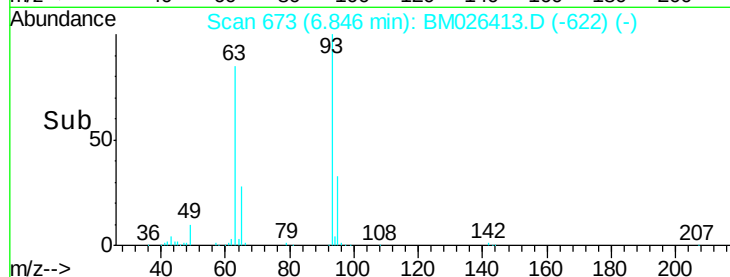
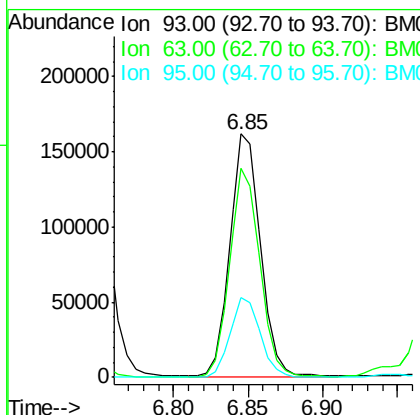
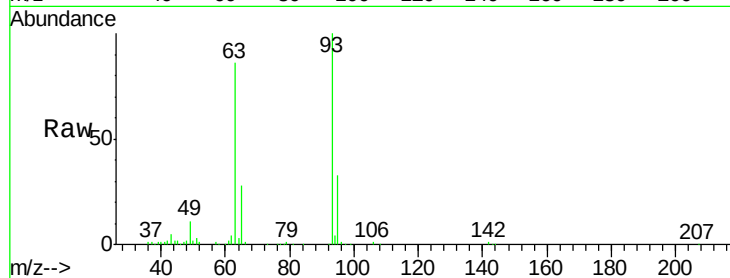
#11
bis(2-Chloroethyl)ether
Concen: 37.309 ng
RT: 6.85 min Scan# 673
Delta R.T. -0.00 min
Lab File: BM026413.D
Acq: 16 Jun 2020 15:39

Instrument :
BNA_M
ClientSampleId :
PB129567BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	85.6	66.7	106.7
95	32.6	14.5	54.5

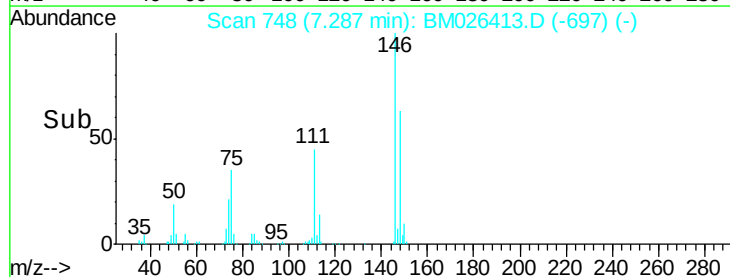
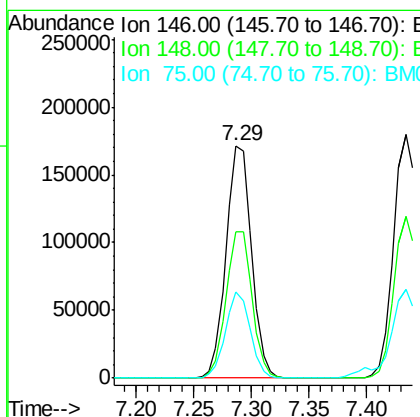
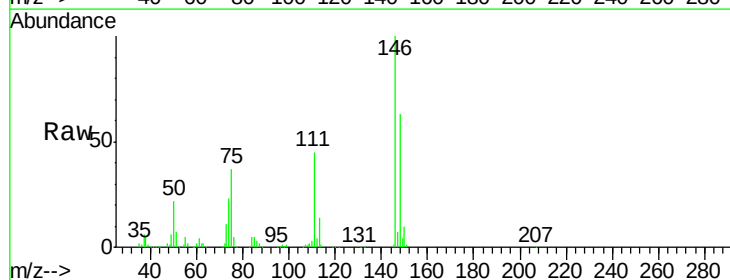
Manual Integrations
APPROVED

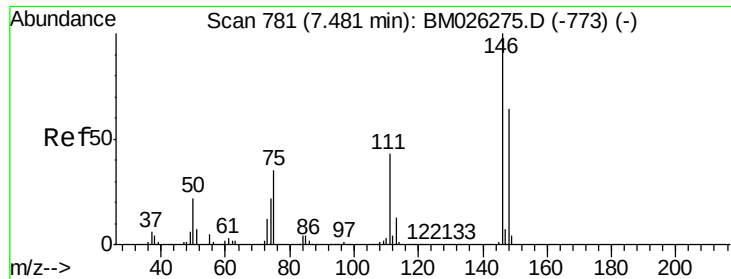
mohammad
6/18/2020 11:52:31 AM



#12
1,3-Dichlorobenzene
Concen: 40.744 ng
RT: 7.29 min Scan# 748
Delta R.T. -0.00 min
Lab File: BM026413.D
Acq: 16 Jun 2020 15:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.3	75.5
75	37.0	29.0	43.6





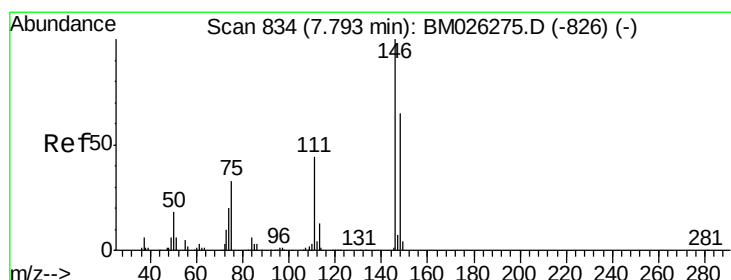
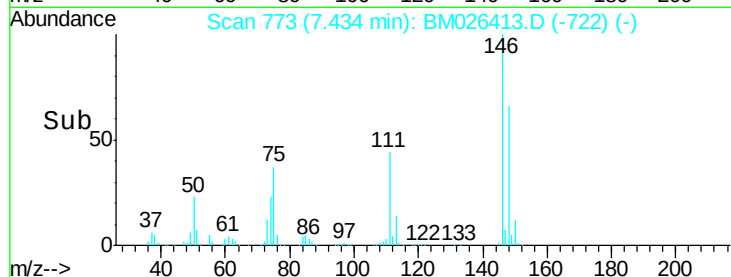
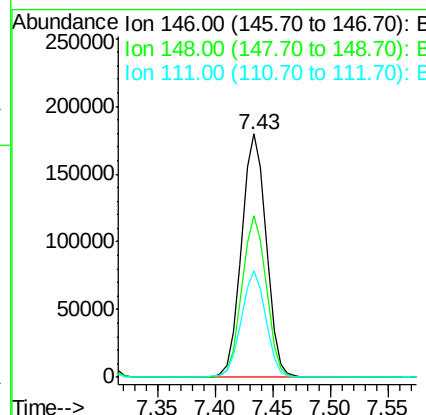
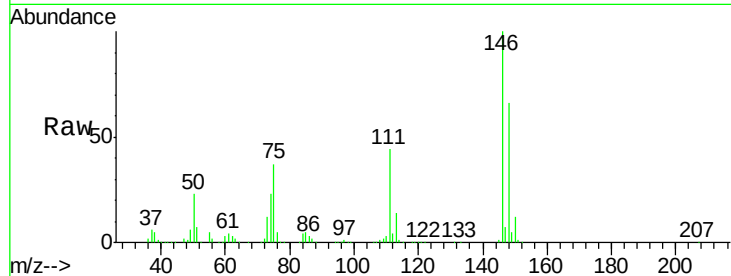
#13
1,4-Dichlorobenzene
Concen: 40.545 ng
RT: 7.43 min Scan# 773
Delta R.T. -0.00 min
Lab File: BM026413.D
Acq: 16 Jun 2020 15:39

Instrument :
BNA_M
ClientSampleId :
PB129567BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.4	52.2	78.2
111	43.8	34.9	52.3

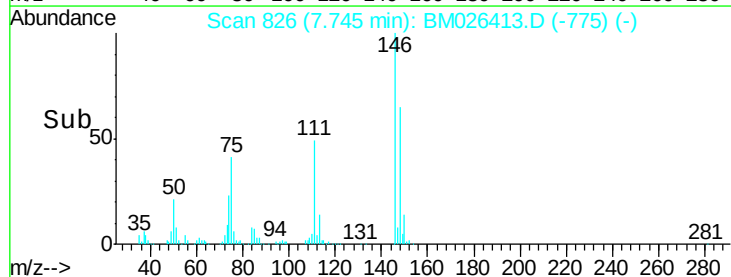
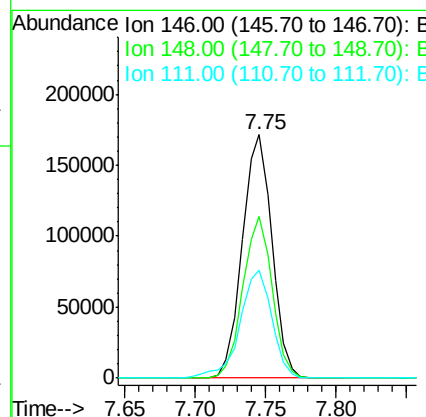
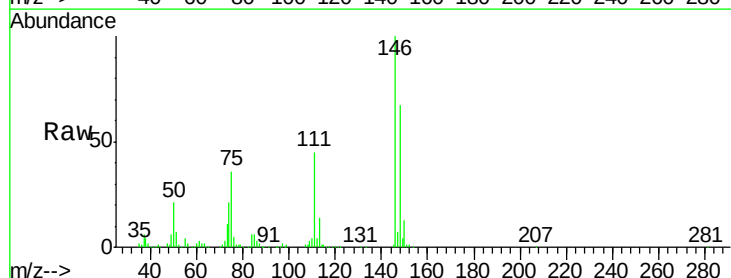
Manual Integrations
APPROVED

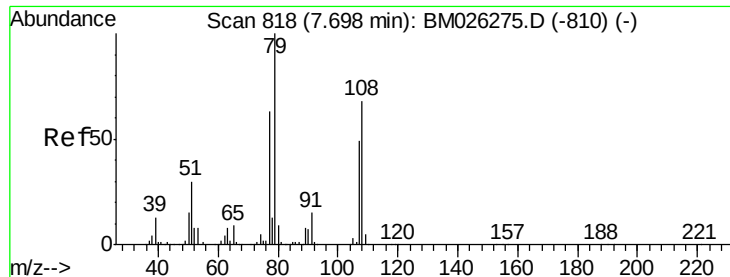
mohammad
6/18/2020 11:52:31 AM



#14
1,2-Dichlorobenzene
Concen: 39.324 ng
RT: 7.75 min Scan# 826
Delta R.T. -0.00 min
Lab File: BM026413.D
Acq: 16 Jun 2020 15:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.5	50.8	76.2
111	44.5	35.4	53.0





#15

Benzyl Alcohol

Concen: 34.723 ng

RT: 7.65 min Scan# 810

Delta R.T. -0.00 min

Lab File: BM026413.D

Acq: 16 Jun 2020 15:39

Instrument :

BNA_M

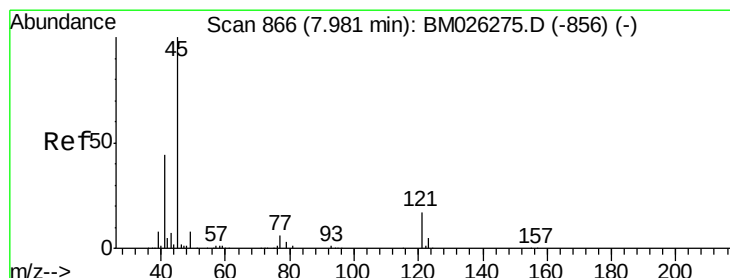
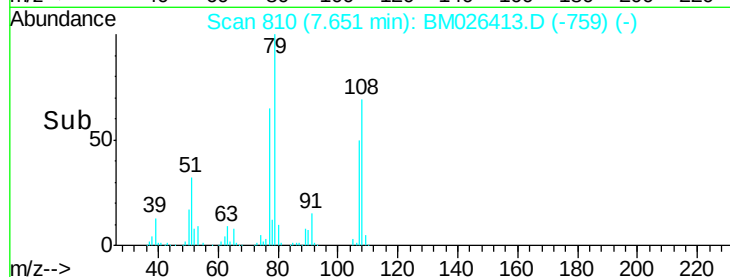
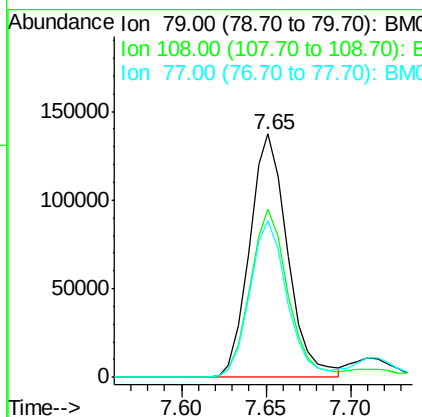
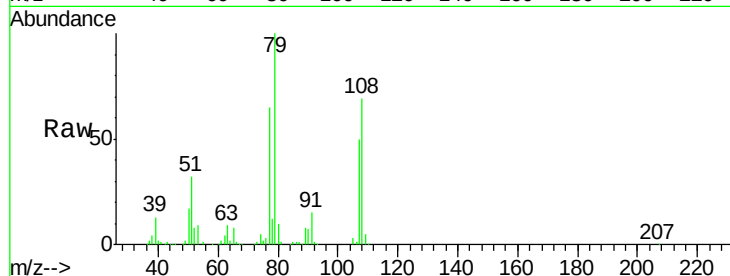
ClientSampled :

PB129567BS

Tot Ion:	79	Resp:	215036
Ion Ratio	Lower	Upper	
79	100		
108	69.1	54.6	82.0
77	64.6	51.0	76.4

Manual Integrations
APPROVED

mohammad
6/18/2020 11:52:31 AM



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.799 ng

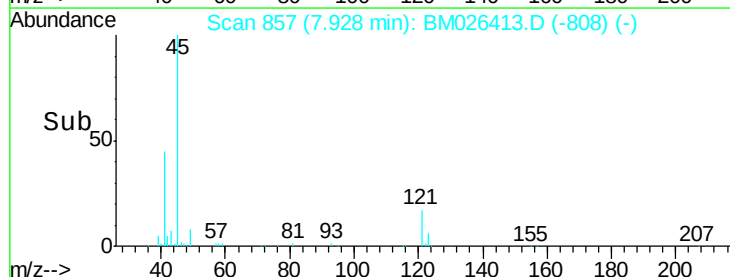
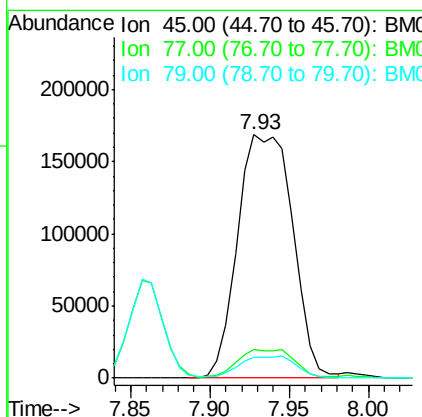
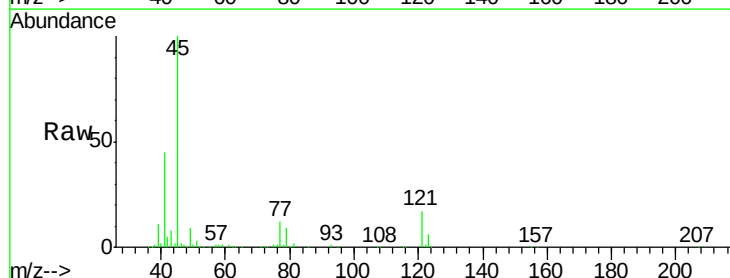
RT: 7.93 min Scan# 857

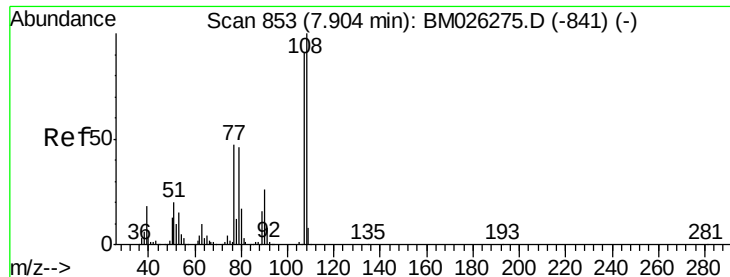
Delta R.T. -0.01 min

Lab File: BM026413.D

Acq: 16 Jun 2020 15:39

Tgt Ion:	45	Resp:	406562
Ion Ratio	Lower	Upper	
45	100		
77	11.9	0.0	31.8
79	8.8	0.0	28.9





#17

2-Methylphenol

Concen: 35.778 ng

RT: 7.86 min Scan# 845

Delta R.T. -0.00 min

Lab File: BM026413.D

Acq: 16 Jun 2020 15:39

Instrument :

BNA_M

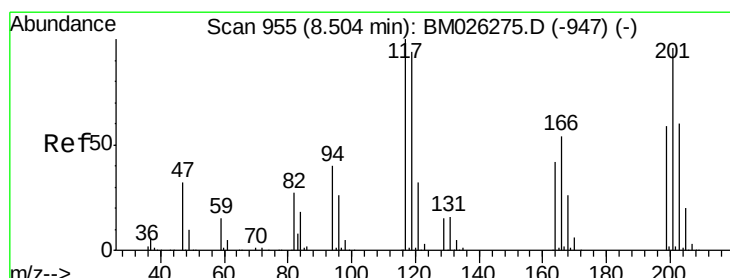
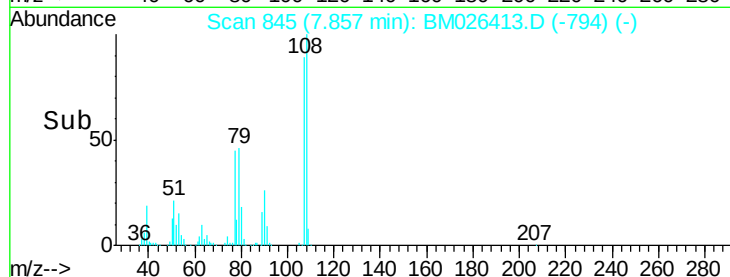
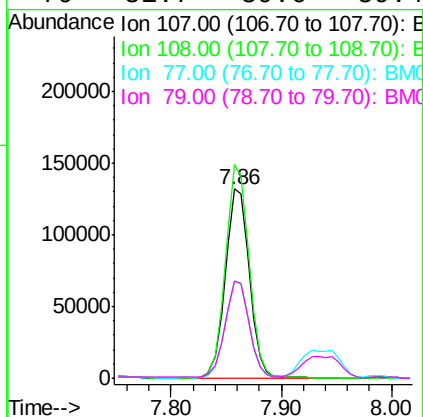
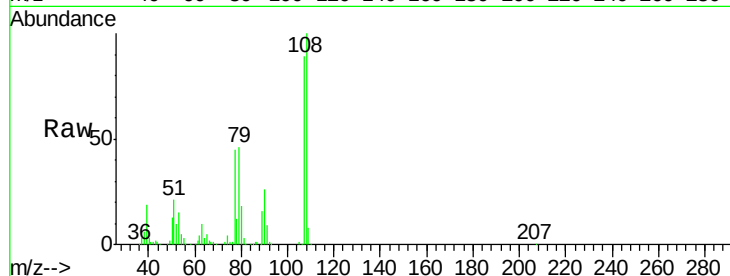
ClientSampleId :

PB129567BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.8	88.5	132.7	
77	51.1	40.6	60.8	
79	51.7	39.6	59.4	

Manual Integrations
APPROVED

mohammad
6/18/2020 11:52:31 AM



#18

Hexachloroethane

Concen: 40.724 ng

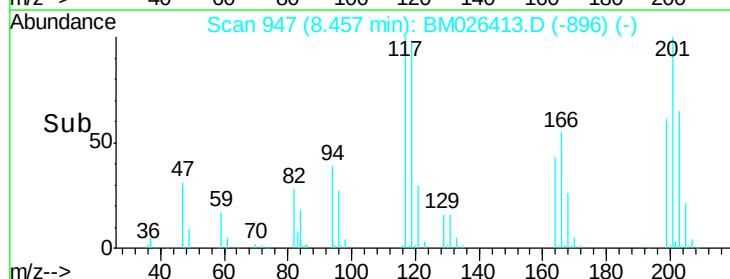
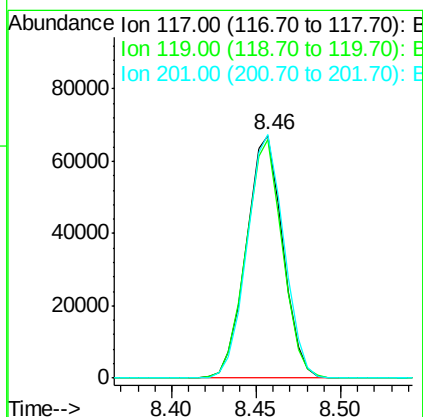
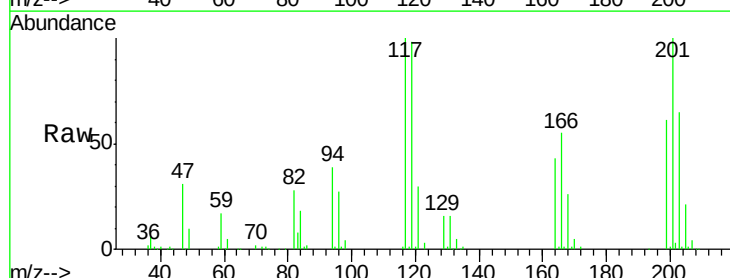
RT: 8.46 min Scan# 947

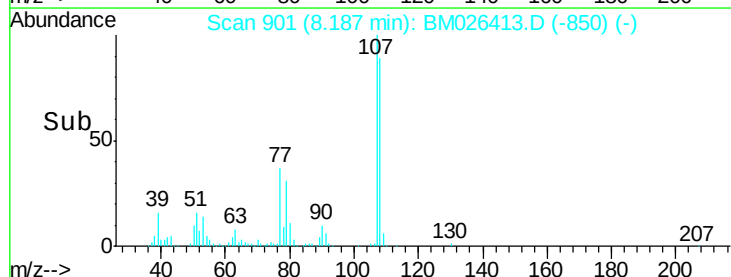
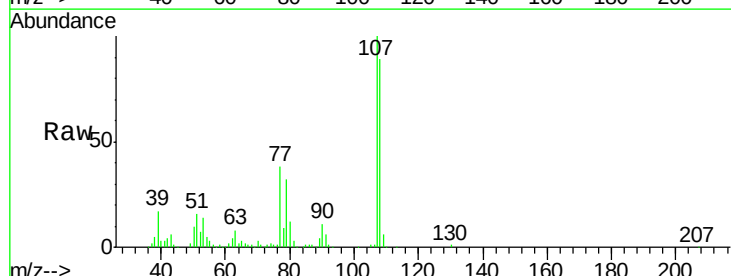
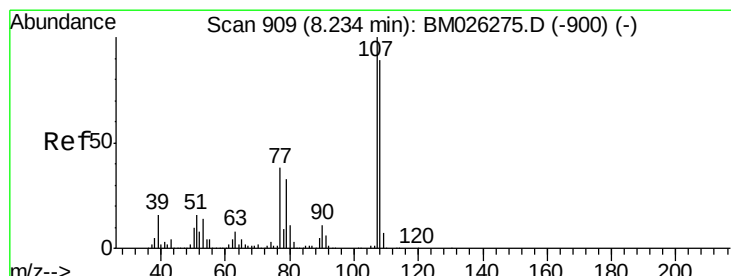
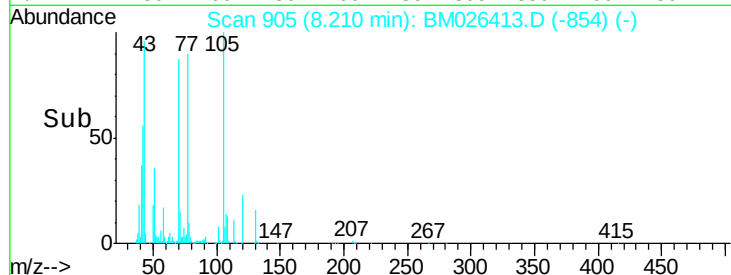
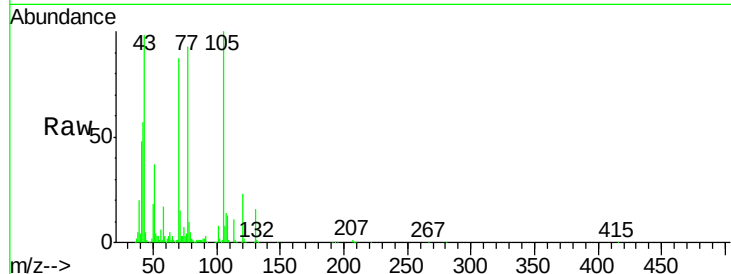
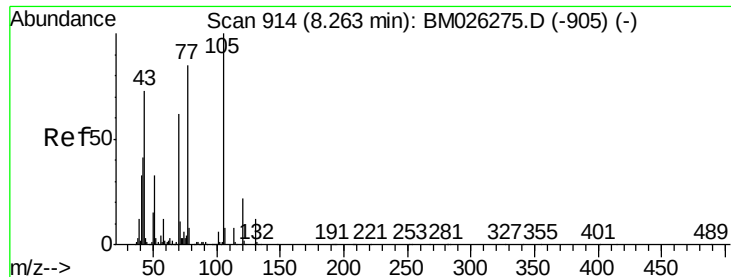
Delta R.T. -0.00 min

Lab File: BM026413.D

Acq: 16 Jun 2020 15:39

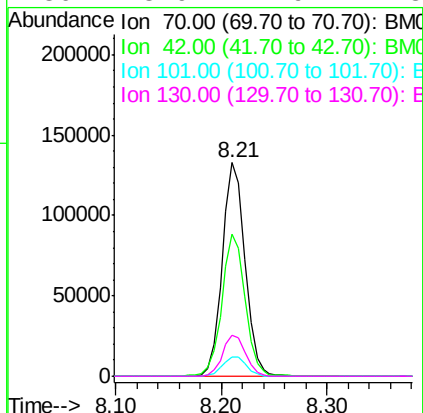
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.4	77.8	116.6	
201	100.3	79.9	119.9	





#19
n-Nitroso-di-n-propylamine
Concen: 35.021 ng
RT: 8.21 min Scan# 905
Delta R.T. -0.00 min
Lab File: BM026413.D
Acq: 16 Jun 2020 15:39

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	66.4	52.2	78.4	
101	8.9	7.0	10.6	
130	18.9	14.9	22.3	



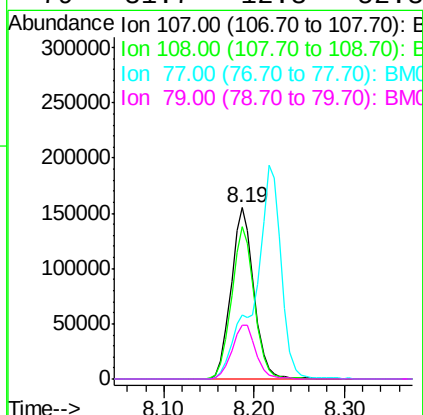
Instrument :
BNA_M
ClientSampleId :
PB129567BS

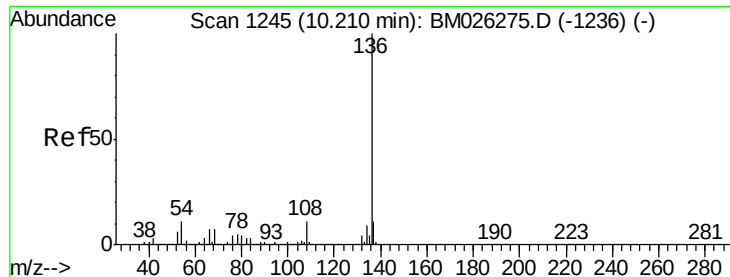
Manual Integrations
APPROVED

mohammad
6/18/2020 11:52:31 AM

#20
3+4-Methylphenols
Concen: 34.884 ng
RT: 8.19 min Scan# 901
Delta R.T. -0.00 min
Lab File: BM026413.D
Acq: 16 Jun 2020 15:39

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.3	70.4	110.4	
77	37.7	17.3	57.3	
79	31.7	12.3	52.3	





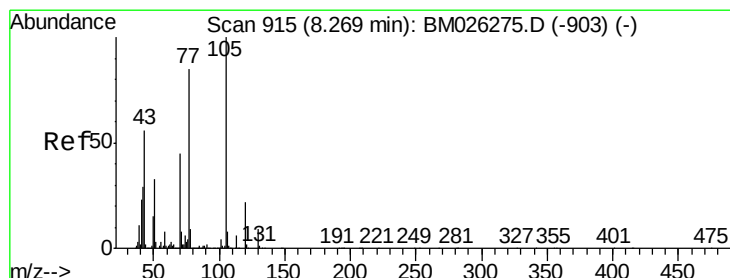
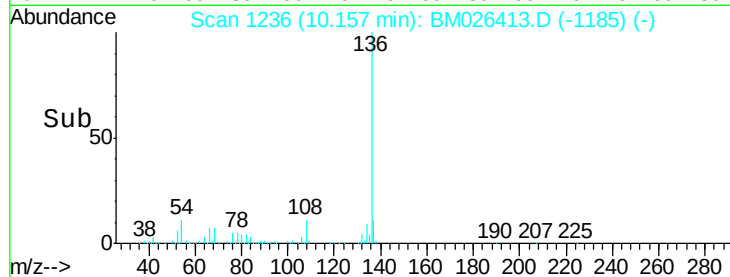
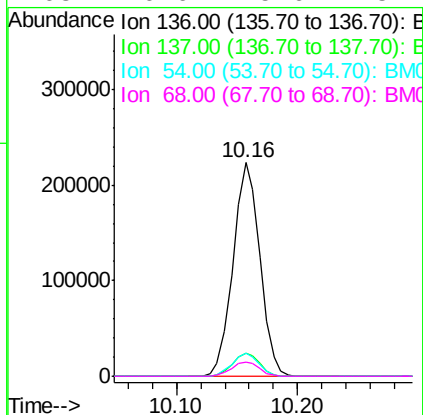
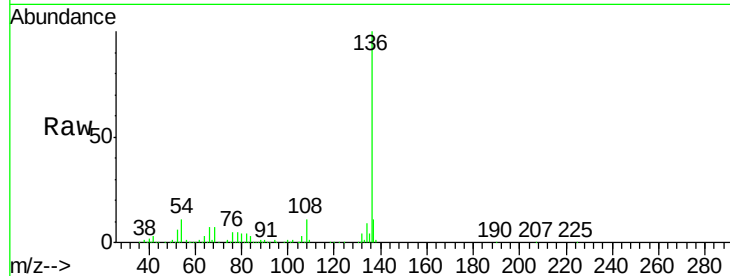
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.16 min Scan# 1236
Delta R.T. -0.00 min
Lab File: BM026413.D
Acq: 16 Jun 2020 15:39

Instrument :
BNA_M
ClientSampleId :
PB129567BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.5	12.7	
54	11.0	9.0	13.6	
68	6.6	5.6	8.4	

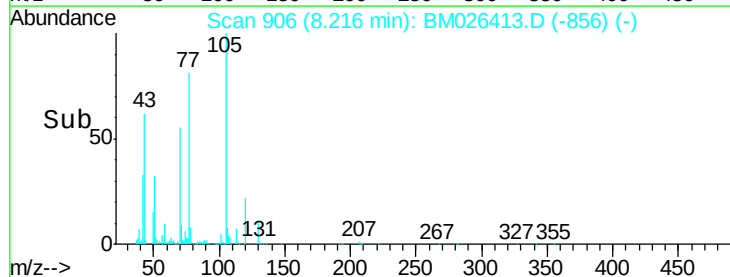
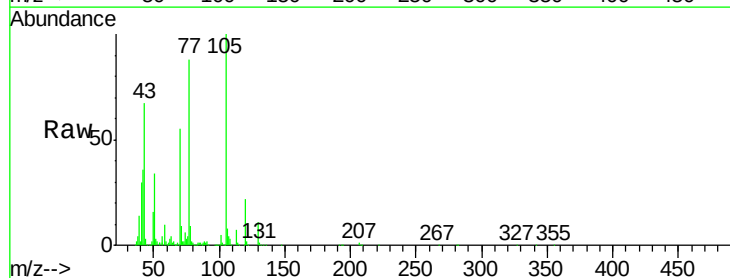
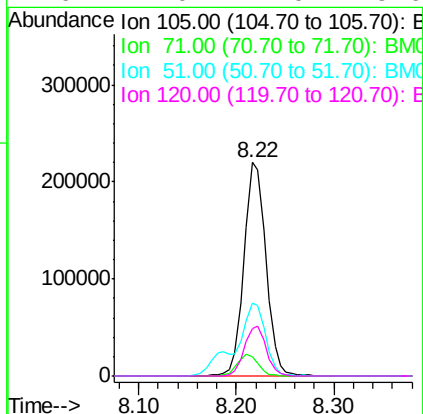
Manual Integrations
APPROVED

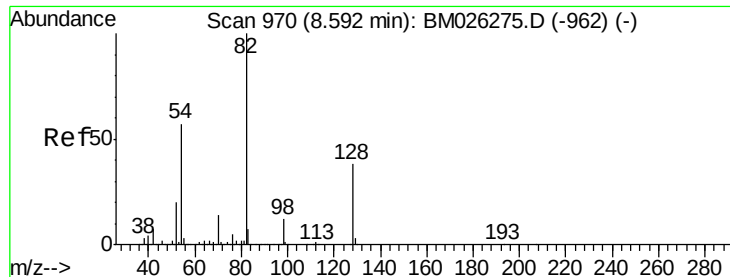
mohammad
6/18/2020 11:52:31 AM



#22
Acetophenone
Concen: 38.663 ng
RT: 8.22 min Scan# 906
Delta R.T. -0.01 min
Lab File: BM026413.D
Acq: 16 Jun 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	9.1	4.5	6.7#	
51	33.9	25.2	37.8	
120	22.0	17.0	25.6	





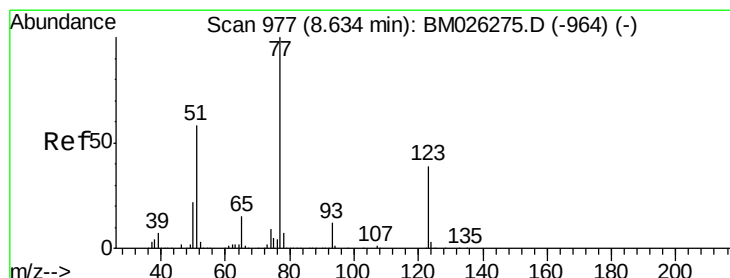
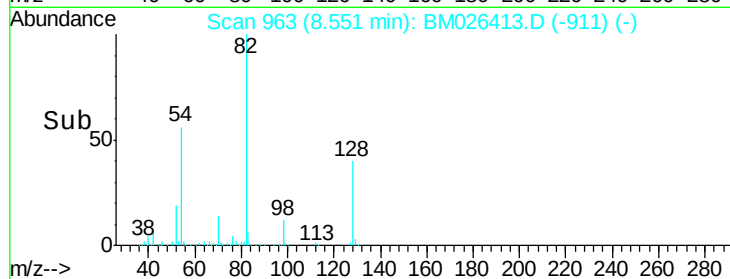
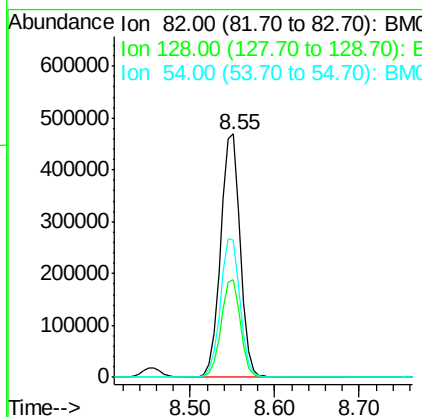
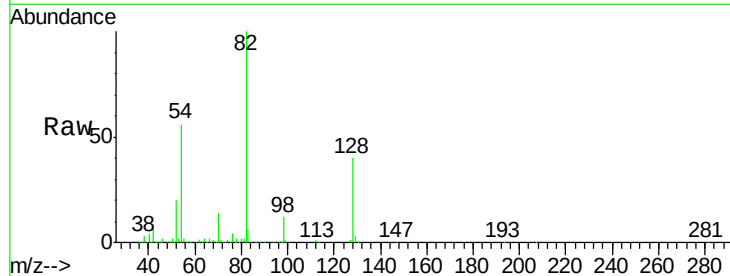
#23
 Nitrobenzene-d5
 Concen: 107.220 ng
 RT: 8.55 min Scan# 963
 Delta R.T. 0.01 min
 Lab File: BM026413.D
 Acq: 16 Jun 2020 15:39

Instrument :
 BNA_M
 ClientSampleId :
 PB129567BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.1	31.0	46.6
54	56.3	45.4	68.2

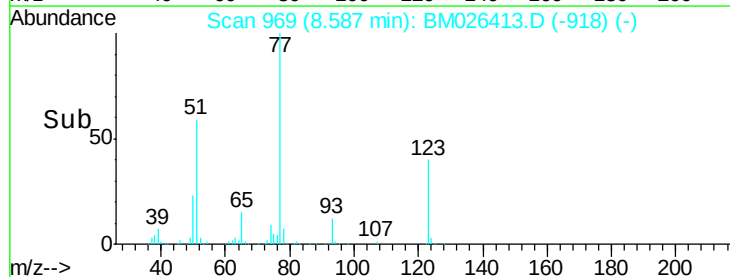
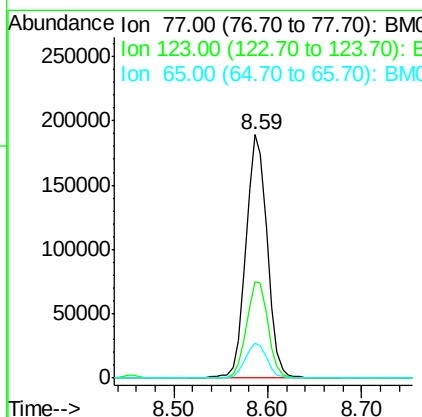
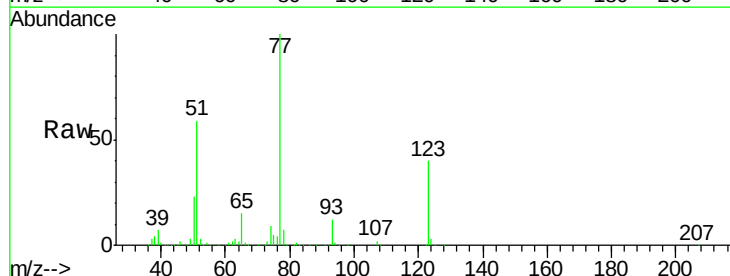
Manual Integrations
 APPROVED

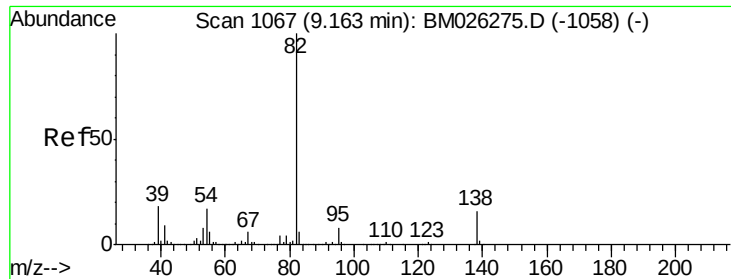
mohammad
 6/18/2020 11:52:31 AM



#24
 Nitrobenzene
 Concen: 39.928 ng
 RT: 8.59 min Scan# 969
 Delta R.T. -0.00 min
 Lab File: BM026413.D
 Acq: 16 Jun 2020 15:39

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.7	32.0	48.0
65	14.6	11.8	17.8





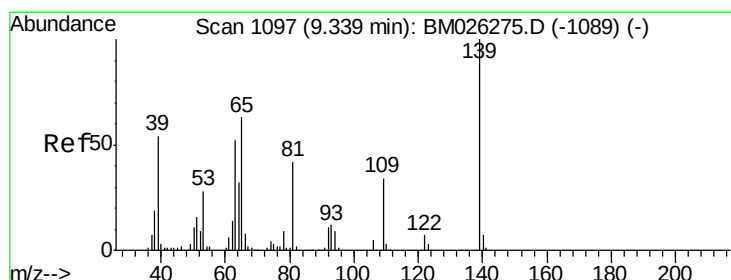
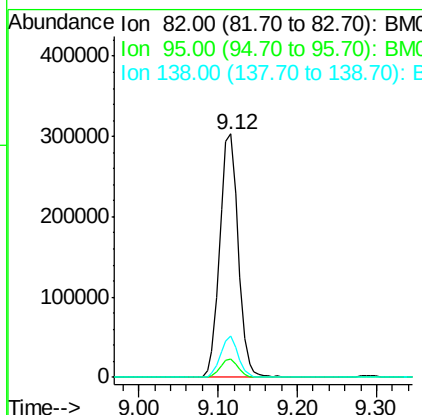
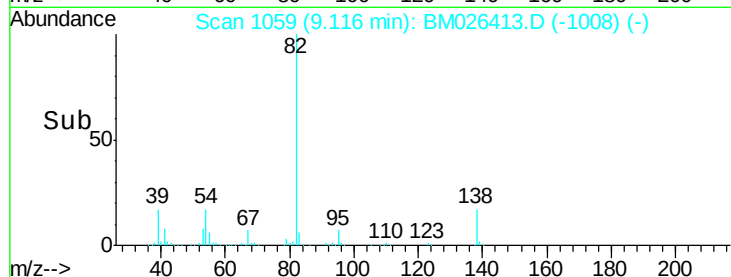
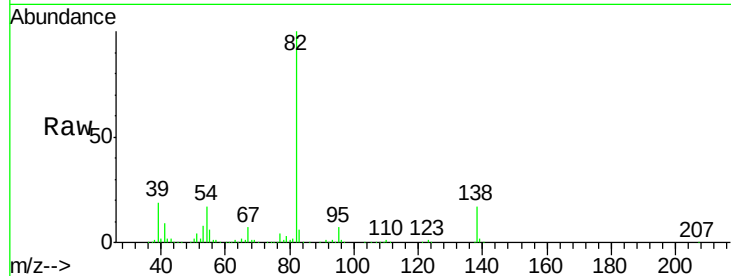
#25
Isophorone
Concen: 37.027 ng
RT: 9.12 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BM026413.D
Acq: 16 Jun 2020 15:39

Instrument :
BNA_M
ClientSampleId :
PB129567BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	490659		
95	7.3	6.0	9.0	
138	17.0	12.7	19.1	

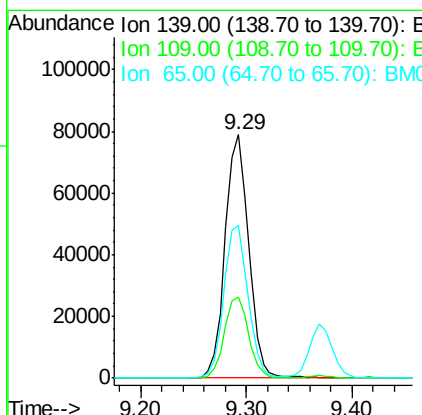
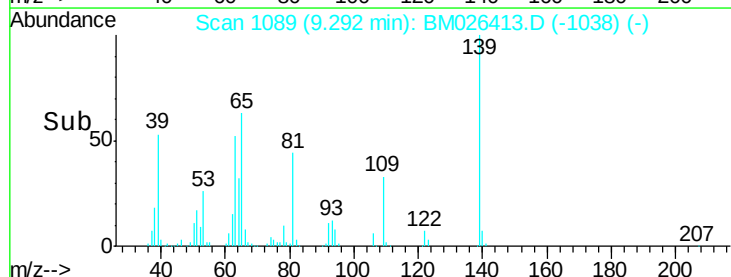
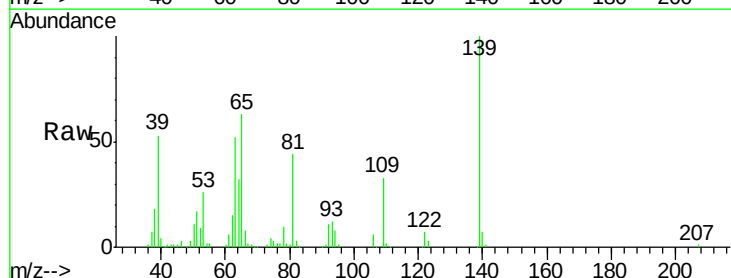
Manual Integrations
APPROVED

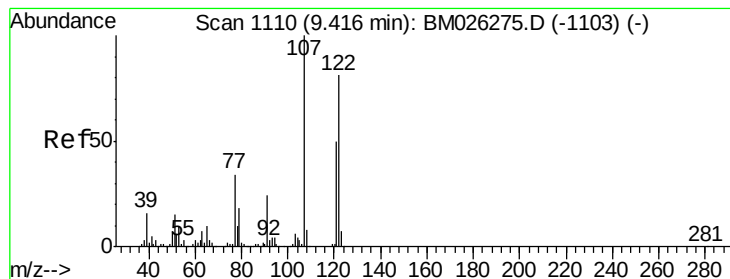
mohammad
6/18/2020 11:52:31 AM



#26
2-Nitrophenol
Concen: 41.743 ng
RT: 9.29 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BM026413.D
Acq: 16 Jun 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	121983		
109	33.2	25.2	37.8	
65	62.8	47.1	70.7	





#27

2,4-Dimethylphenol

Concen: 44.433 ng

RT: 9.37 min Scan# 1102

Delta R.T. -0.00 min

Lab File: BM026413.D

Acq: 16 Jun 2020 15:39

Instrument :

BNA_M

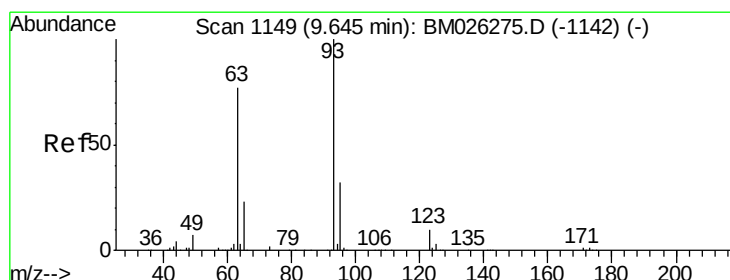
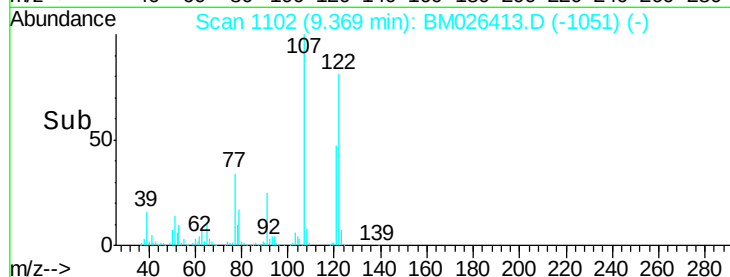
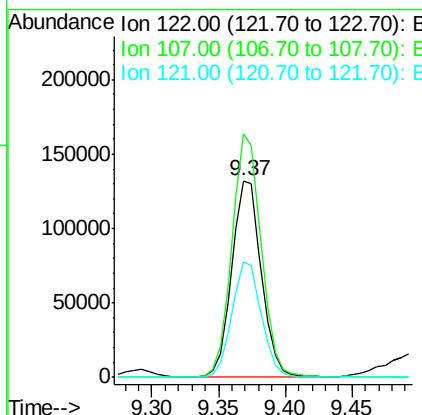
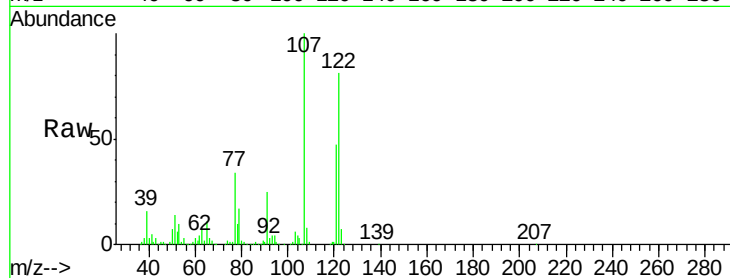
ClientSampleId :

PB129567BS

Tot Ion:	122	Resp:	204977
Ion Ratio	Lower	Upper	
122	100		
107	123.9	96.1	144.1
121	58.6	46.0	69.0

Manual Integrations
APPROVED

mohammad
6/18/2020 11:52:31 AM



#28

bis(2-Chloroethoxy)methane

Concen: 39.649 ng

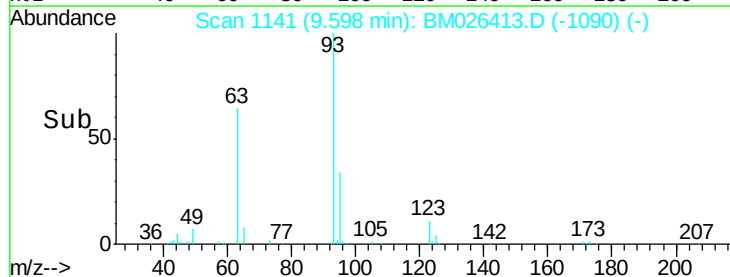
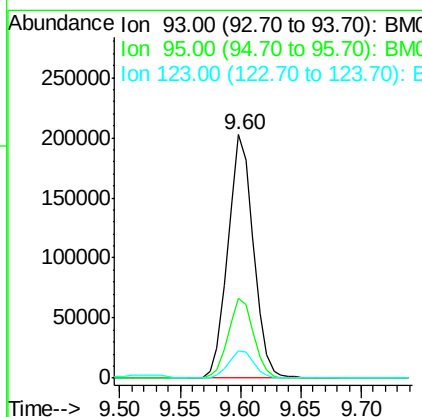
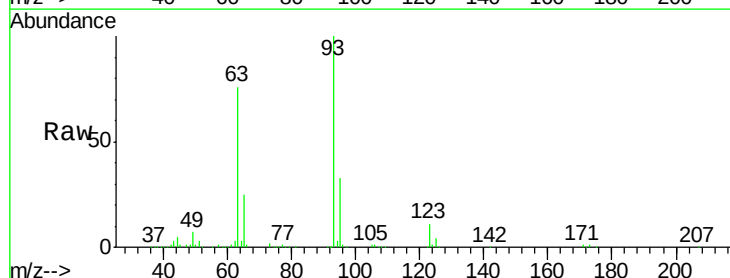
RT: 9.60 min Scan# 1141

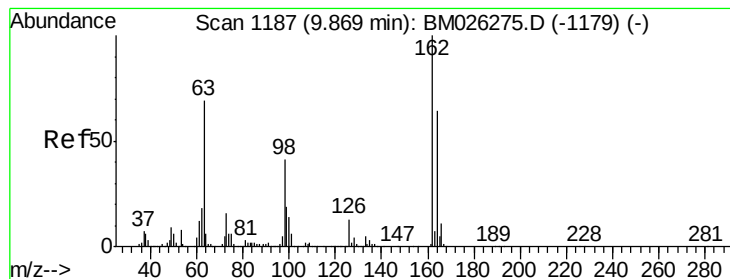
Delta R.T. -0.00 min

Lab File: BM026413.D

Acq: 16 Jun 2020 15:39

Tgt Ion:	93	Resp:	298081
Ion Ratio	Lower	Upper	
93	100		
95	32.7	25.9	38.9
123	11.4	8.9	13.3





#29

2,4-Dichlorophenol

Concen: 42.438 ng

RT: 9.82 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BM026413.D

Acq: 16 Jun 2020 15:39

Instrument :

BNA_M

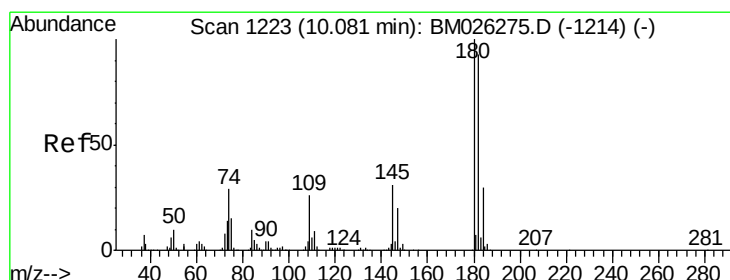
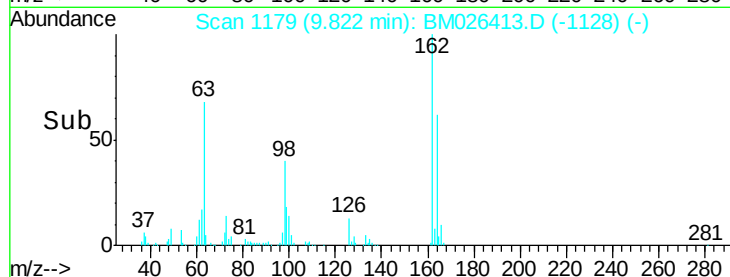
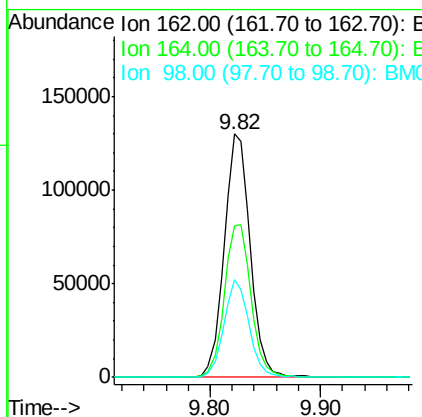
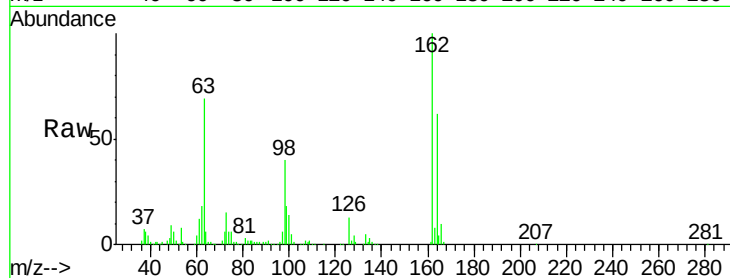
ClientSampleId :

PB129567BS

Tot Ion:	162	Resp:	214803
Ion Ratio	Lower	Upper	
162	100		
164	62.4	46.2	86.2
98	40.3	19.0	59.0

Manual Integrations
APPROVED

mohammad
6/18/2020 11:52:31 AM



#30

1,2,4-Trichlorobenzene

Concen: 42.057 ng

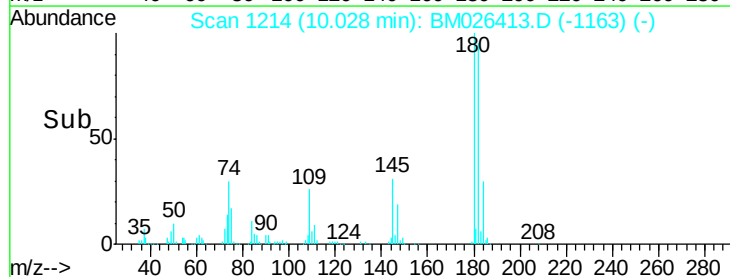
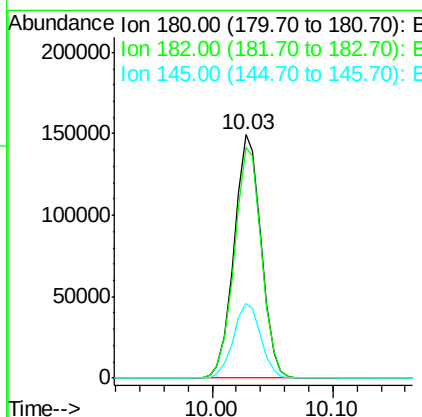
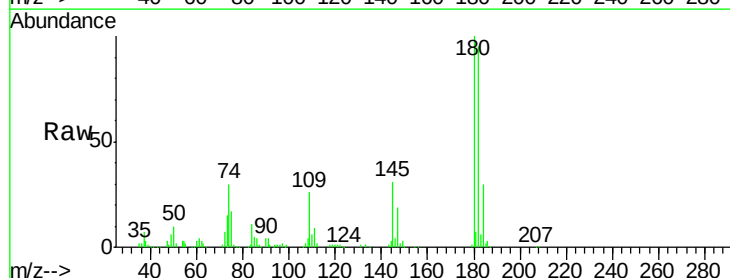
RT: 10.03 min Scan# 1214

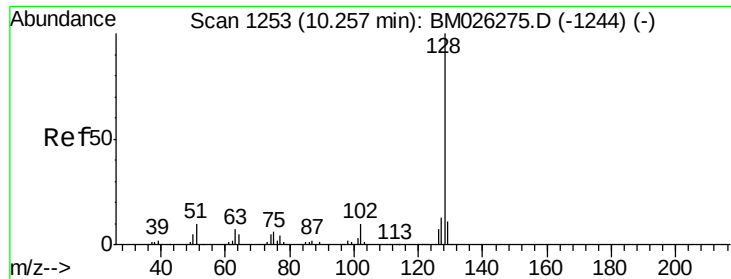
Delta R.T. -0.00 min

Lab File: BM026413.D

Acq: 16 Jun 2020 15:39

Tgt Ion:	180	Resp:	233429
Ion Ratio	Lower	Upper	
180	100		
182	94.6	77.3	115.9
145	30.7	26.6	40.0





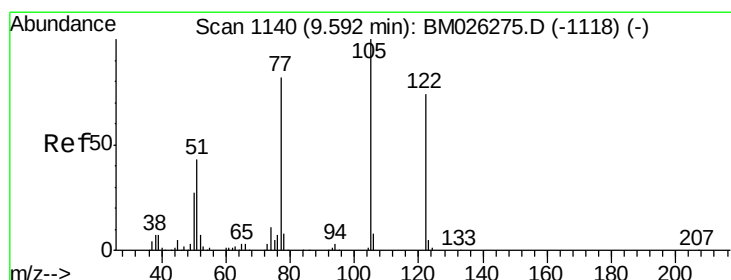
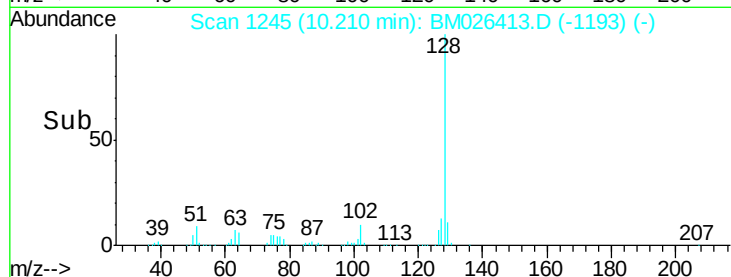
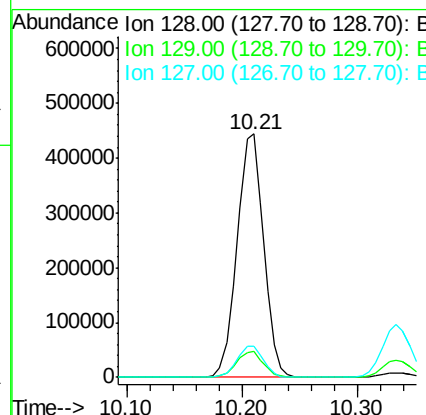
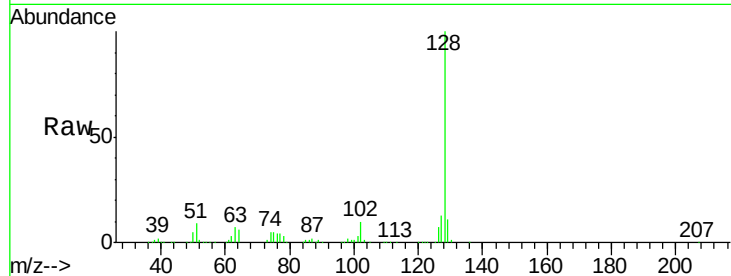
#31
Naphthalene
Concen: 40.448 ng
RT: 10.21 min Scan# 1245
Delta R.T. 0.01 min
Lab File: BM026413.D
Acq: 16 Jun 2020 15:39

Instrument :
BNA_M
ClientSampleId :
PB129567BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.4	12.6
127	13.0	10.2	15.4

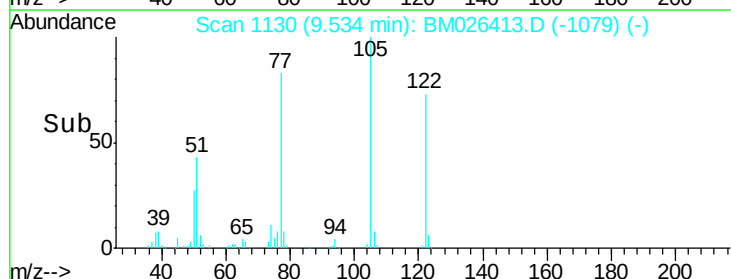
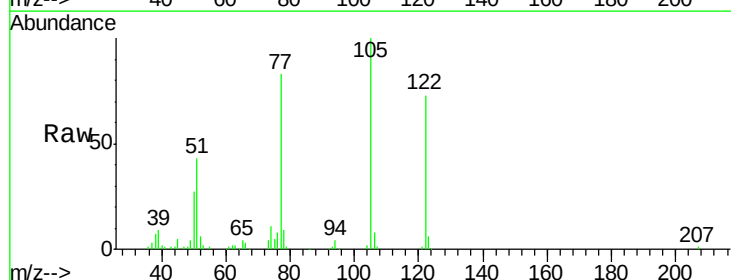
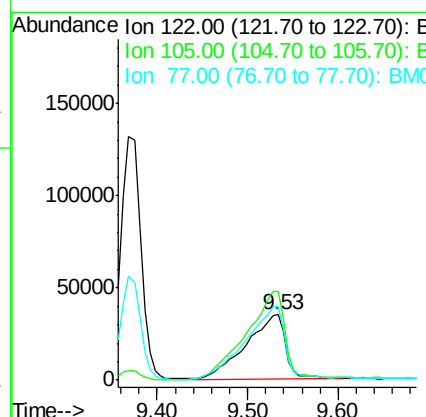
Manual Integrations
APPROVED

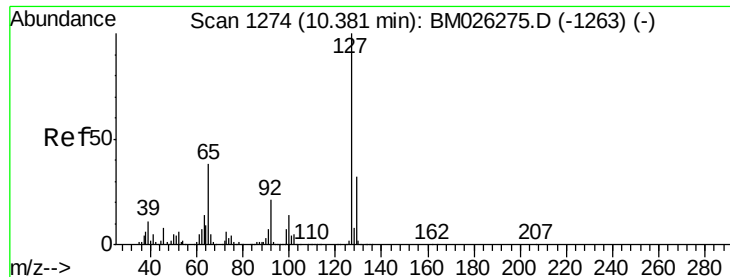
mohammad
6/18/2020 11:52:31 AM



#32
Benzoic acid
Concen: 31.047 ng
RT: 9.53 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BM026413.D
Acq: 16 Jun 2020 15:39

Tgt Ion	Ratio	Lower	Upper
122	100		
105	136.2	108.9	148.9
77	113.5	90.1	130.1





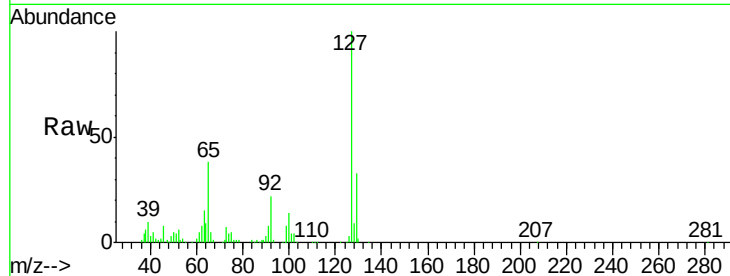
#33
4-Chloroaniline
Concen: 22.505 ng
RT: 10.33 min Scan# 1266
Delta R.T. 0.01 min
Lab File: BM026413.D
Acq: 16 Jun 2020 15:39

Instrument :
BNA_M
ClientSampled :
PB129567BS

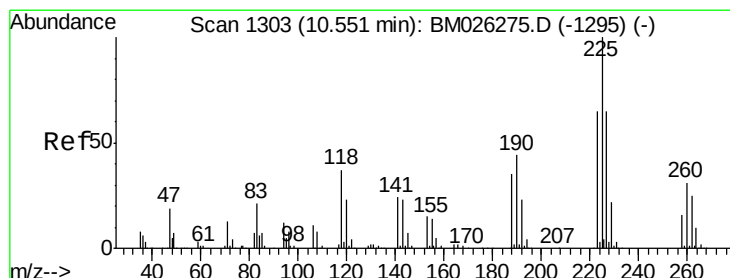
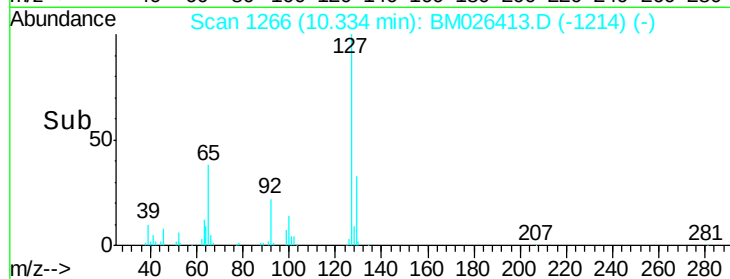
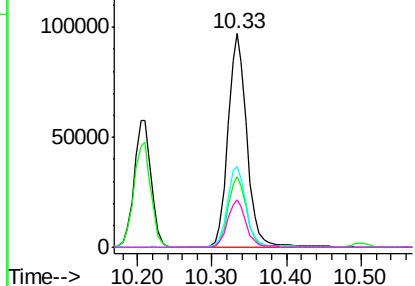
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.9	25.3	37.9	
65	37.6	30.0	45.0	
92	22.3	17.1	25.7	

Manual Integrations
APPROVED

mohammad
6/18/2020 11:52:31 AM

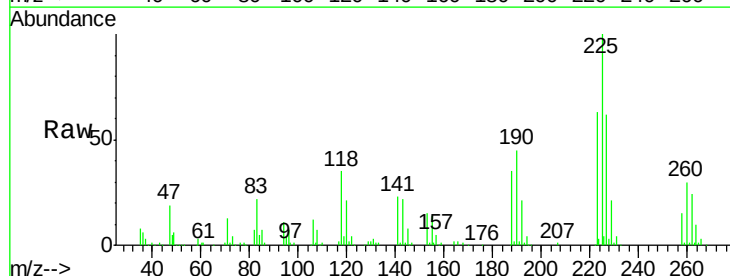


Abundance Ion 127.00 (126.70 to 127.70): E
150000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

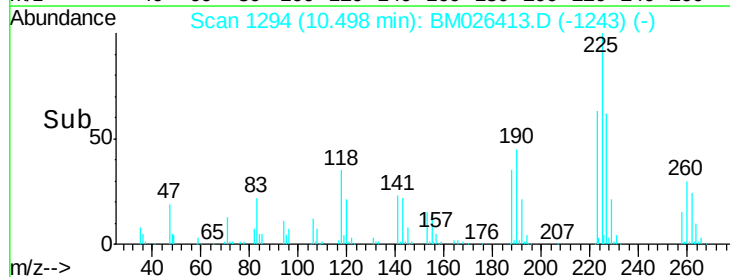
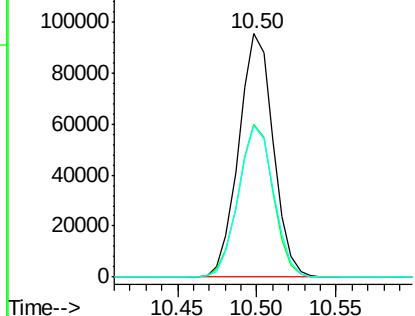


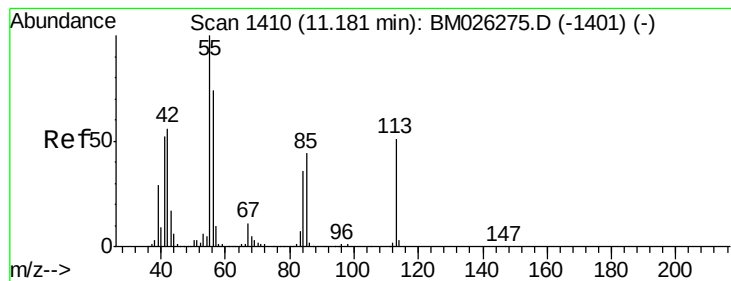
#34
Hexachlorobutadiene
Concen: 41.106 ng
RT: 10.50 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BM026413.D
Acq: 16 Jun 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.8	50.2	75.4	
227	62.0	49.5	74.3	



Abundance Ion 225.00 (224.70 to 225.70): E
120000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 34.690 ng/ml

RT: 11.12 min Scan# 1399

Delta R.T. -0.01 min

Lab File: BM026413.D

Acq: 16 Jun 2020 15:39

Instrument :

BNA_M

ClientSampleId :

PB129567BS

Tot Ion:113 Resp: 61688

Ion Ratio Lower Upper

113 100

55 194.5 177.1 217.1

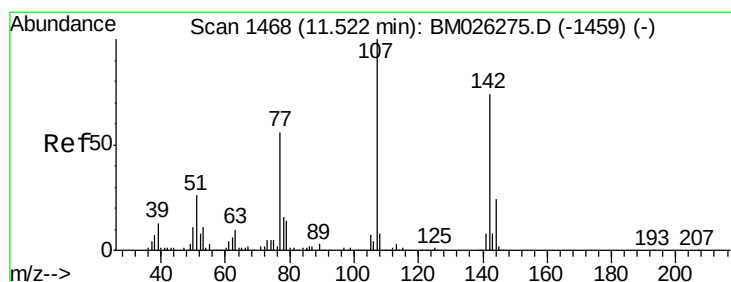
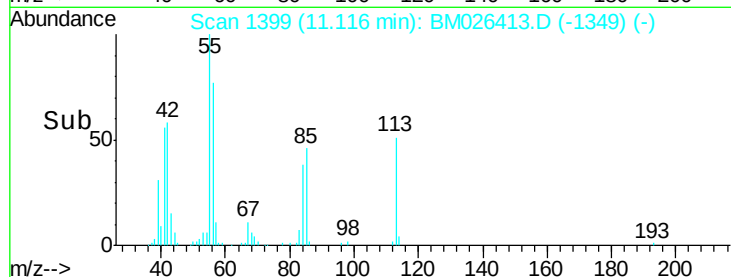
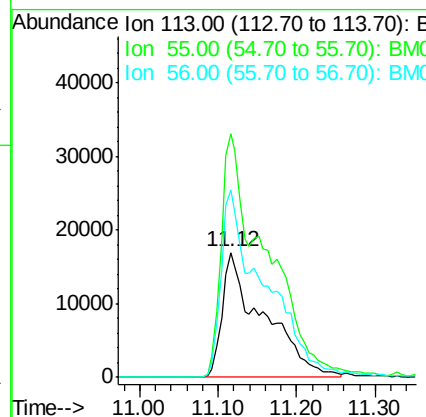
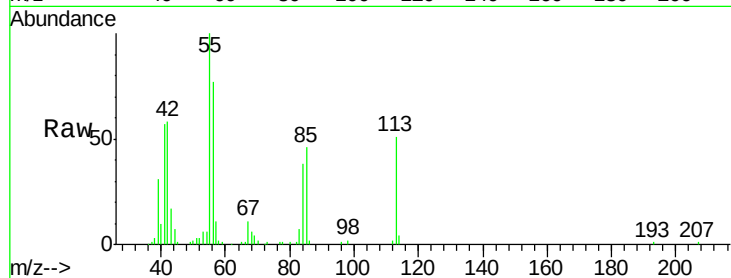
56 149.3 134.8 174.8

Manual Integrations

APPROVED

mohammad

6/18/2020 11:52:31 AM



#36

4-Chloro-3-methylphenol

Concen: 39.245 ng/ml

RT: 11.47 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BM026413.D

Acq: 16 Jun 2020 15:39

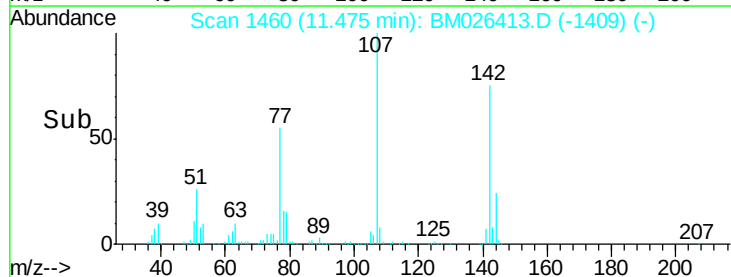
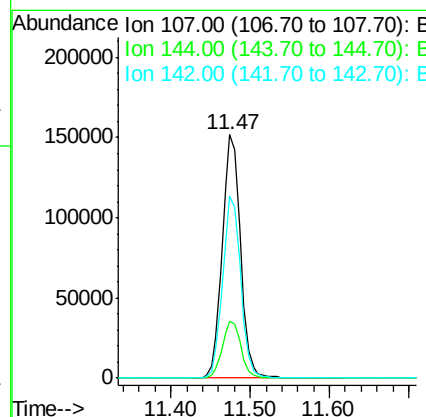
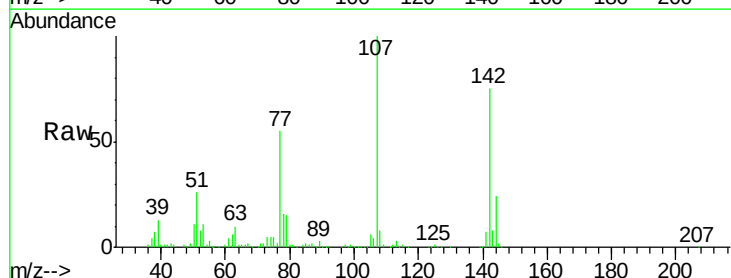
Tgt Ion:107 Resp: 242050

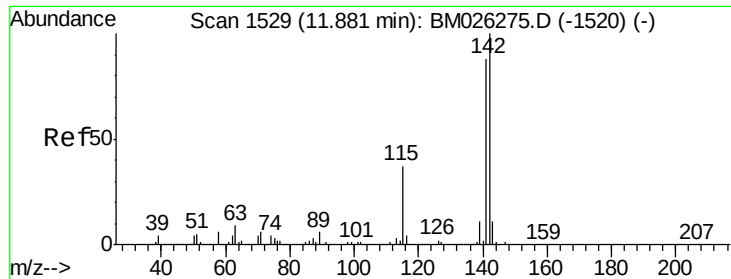
Ion Ratio Lower Upper

107 100

144 23.6 18.7 28.1

142 74.8 57.7 86.5





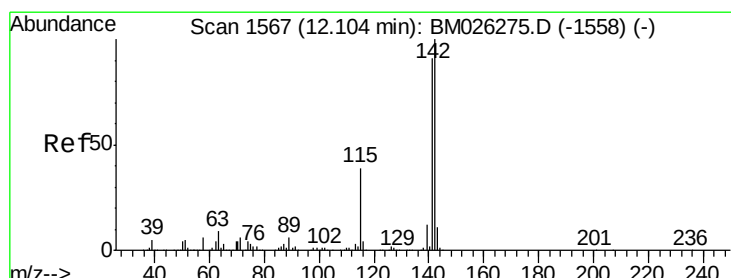
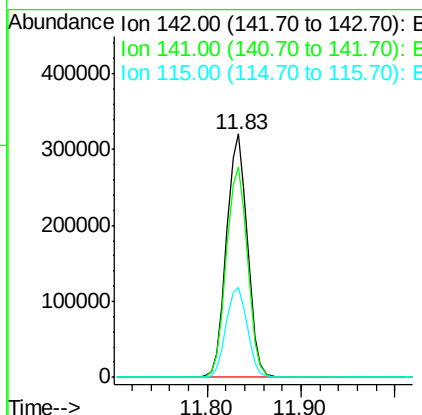
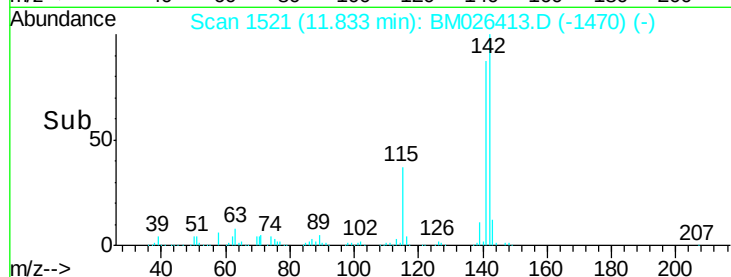
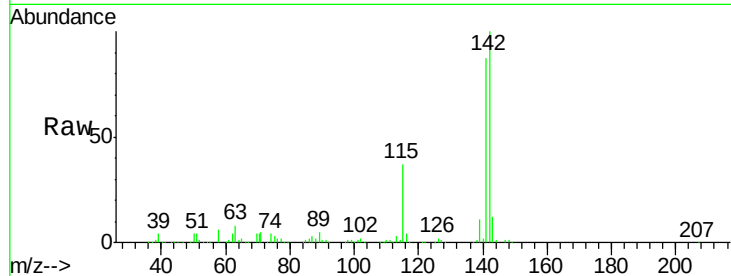
#37
2-Methylnaphthalene
Concen: 39.831 ng
RT: 11.83 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BM026413.D
Acq: 16 Jun 2020 15:39

Instrument :
BNA_M
ClientSampleId :
PB129567BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.6	70.5	105.7
115	36.8	30.2	45.4

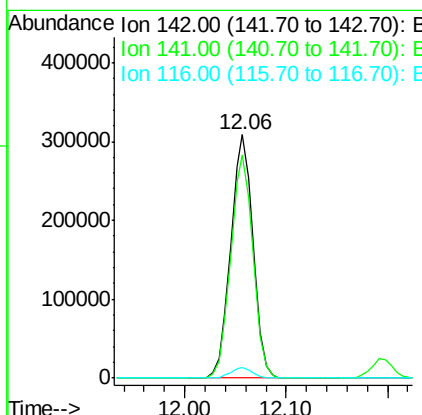
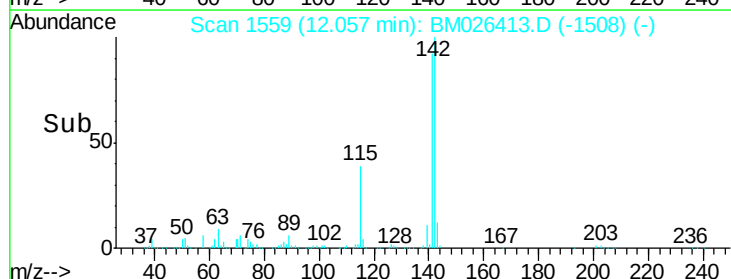
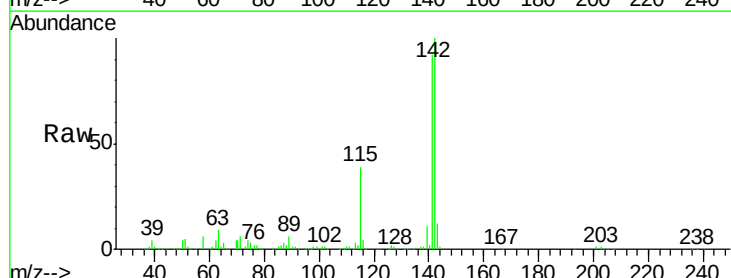
Manual Integrations
APPROVED

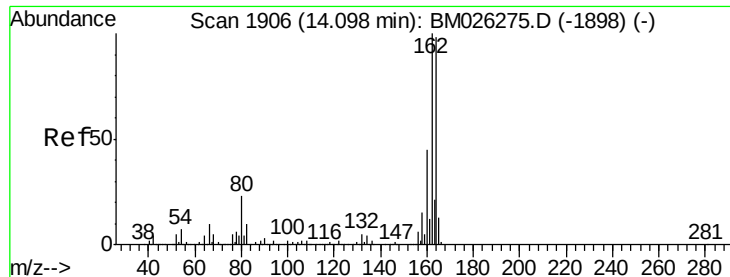
mohammad
6/18/2020 11:52:31 AM



#38
1-Methylnaphthalene
Concen: 39.757 ng
RT: 12.06 min Scan# 1559
Delta R.T. -0.00 min
Lab File: BM026413.D
Acq: 16 Jun 2020 15:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.3	109.9
116	4.2	3.4	5.0





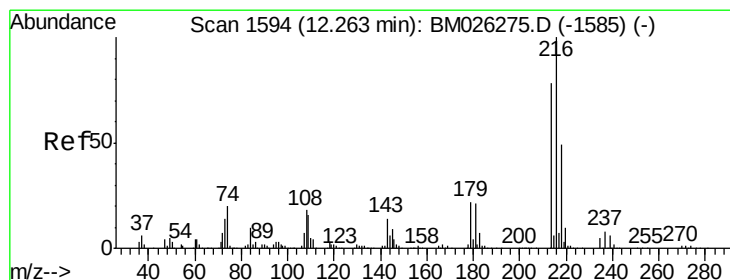
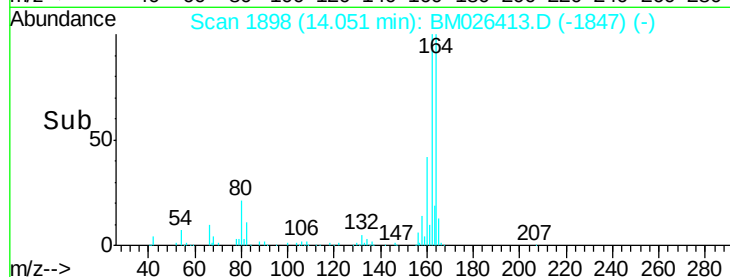
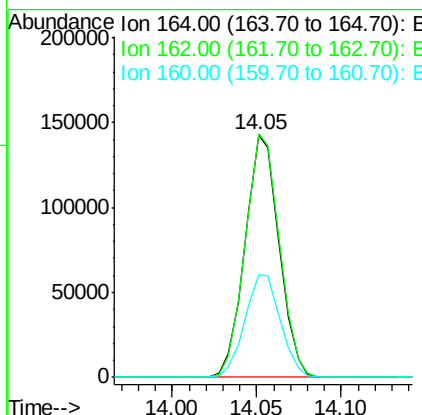
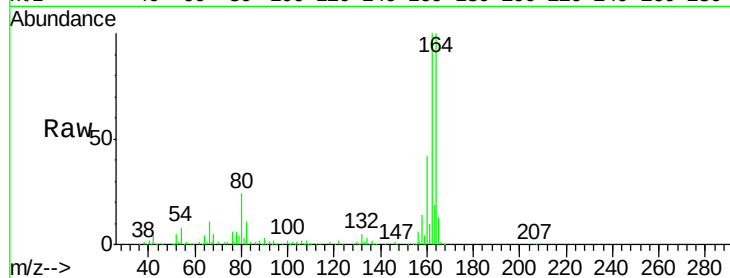
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.05 min Scan# 1898
Delta R.T. -0.00 min
Lab File: BM026413.D
Acq: 16 Jun 2020 15:39

Instrument :
BNA_M
ClientSampleId :
PB129567BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	200936		
162	100.4		77.7	116.5
160	42.3		34.2	51.2

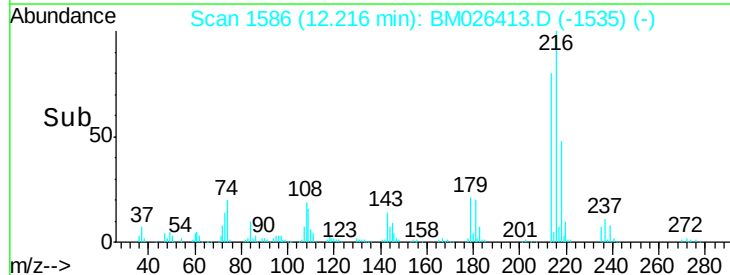
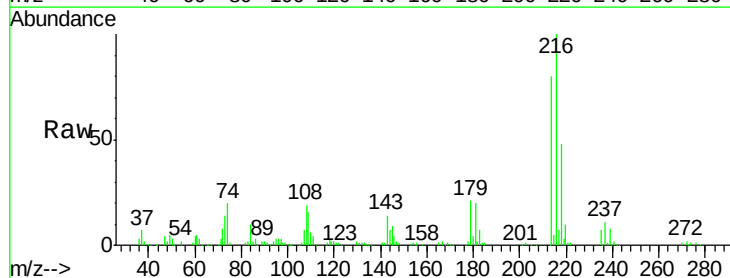
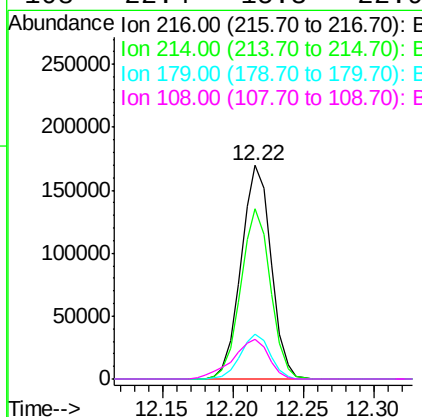
Manual Integrations
APPROVED

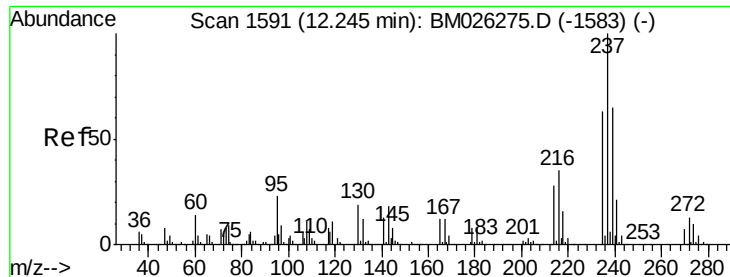
mohammad
6/18/2020 11:52:31 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.237 ng
RT: 12.22 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BM026413.D
Acq: 16 Jun 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	253025		
214	78.7		61.9	92.9
179	20.9		16.3	24.5
108	22.4		15.3	22.9





#41

Hexachlorocyclopentadiene

Concen: 89.162 ng

RT: 12.20 min Scan# 1583

Delta R.T. 0.01 min

Lab File: BM026413.D

Acq: 16 Jun 2020 15:39

Instrument :

BNA_M

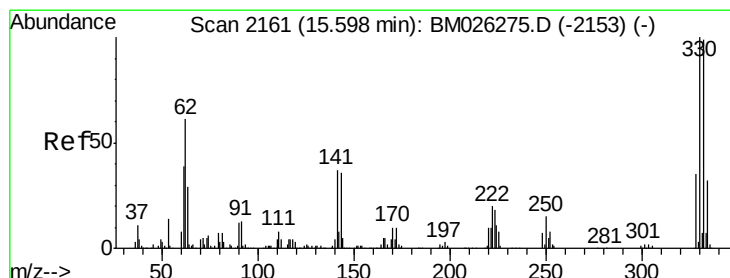
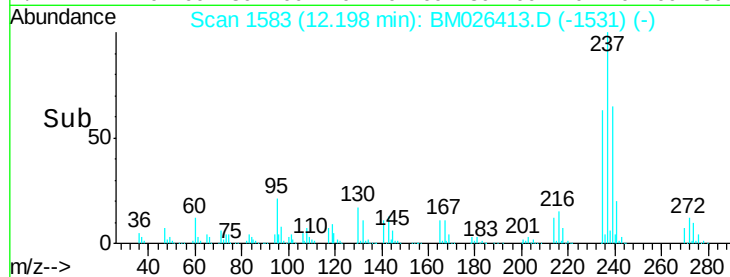
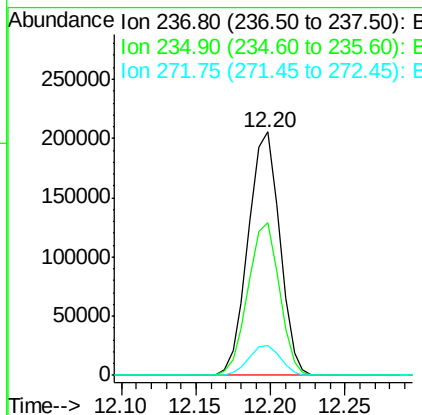
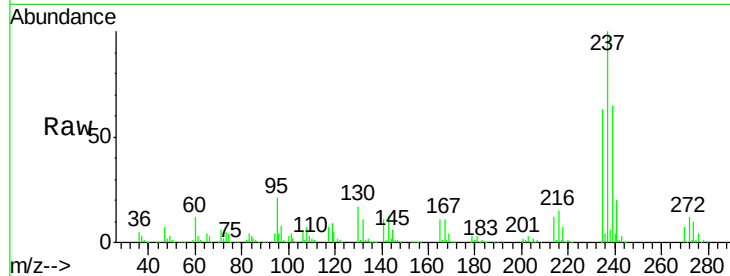
ClientSampleId :

PB129567BS

Tot Ion:	237	Resp:	300539
Ion Ratio	Lower	Upper	
237	100		
235	62.9	42.1	82.1
272	12.0	0.0	33.5

Manual Integrations
APPROVED

mohammad
6/18/2020 11:52:31 AM



#42

2,4,6-Tribromophenol

Concen: 128.284 ng

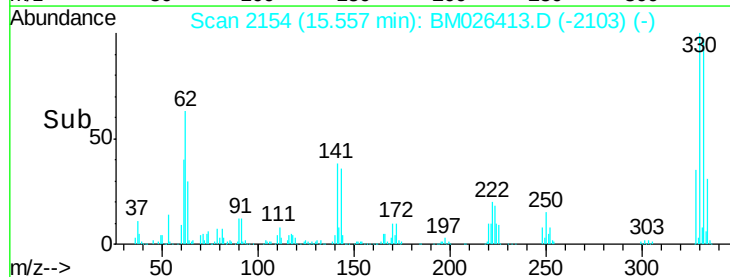
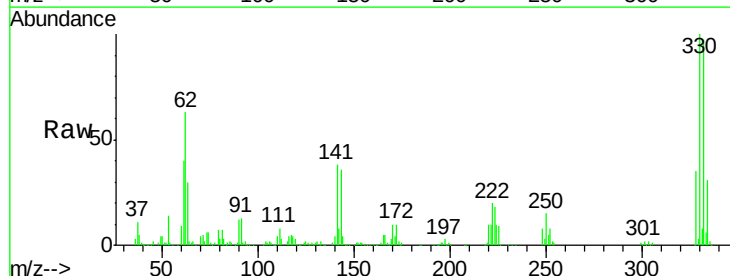
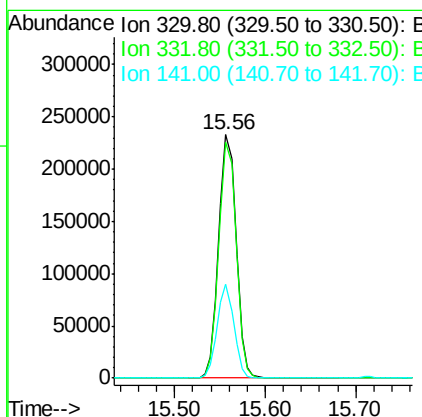
RT: 15.56 min Scan# 2154

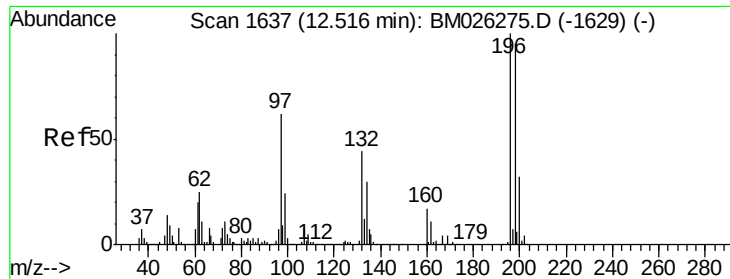
Delta R.T. -0.00 min

Lab File: BM026413.D

Acq: 16 Jun 2020 15:39

Tgt Ion:	330	Resp:	312249
Ion Ratio	Lower	Upper	
330	100		
332	96.2	77.7	116.5
141	36.8	29.7	44.5





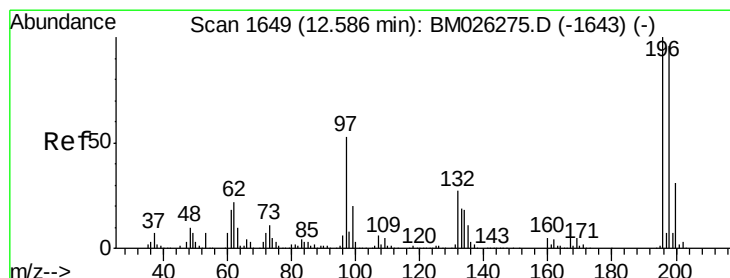
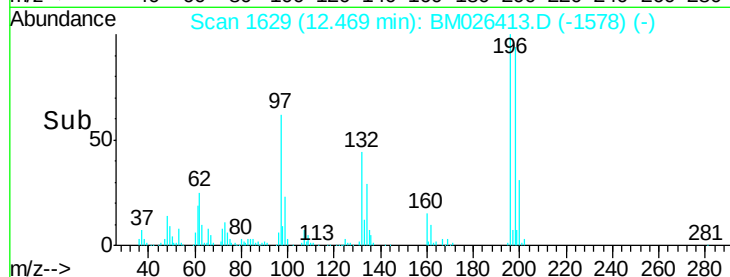
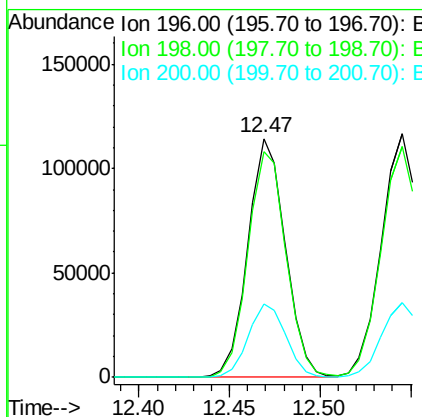
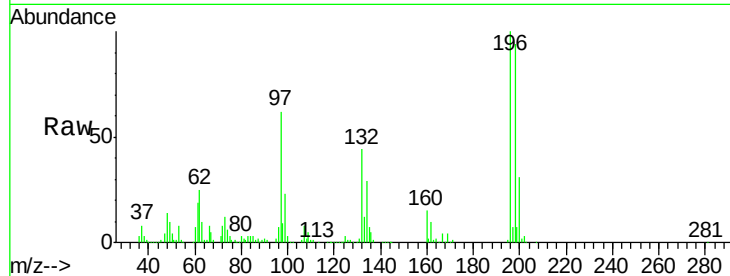
#43
2,4,6-Trichlorophenol
Concen: 42.533 ng
RT: 12.47 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BM026413.D
Acq: 16 Jun 2020 15:39

Instrument :
BNA_M
ClientSampleId :
PB129567BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	164667		
198	94.5	79.0	118.4	
200	30.7	25.2	37.8	

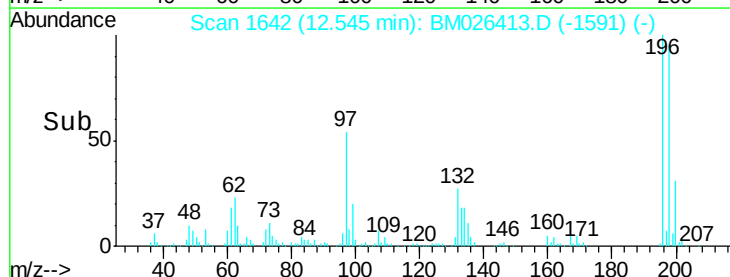
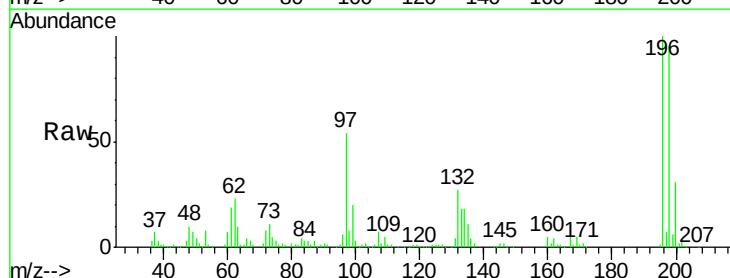
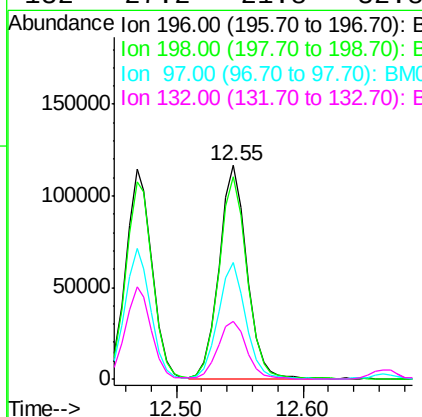
Manual Integrations
APPROVED

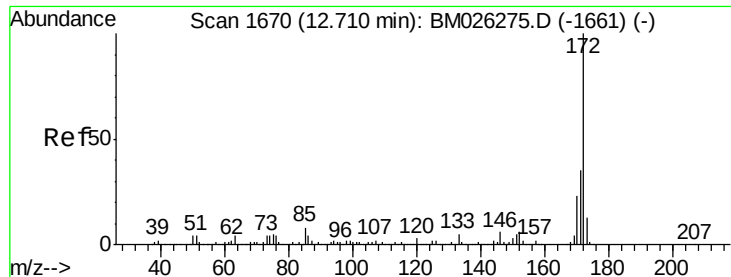
mohammad
6/18/2020 11:52:31 AM



#44
2,4,5-Trichlorophenol
Concen: 39.271 ng
RT: 12.55 min Scan# 1642
Delta R.T. -0.00 min
Lab File: BM026413.D
Acq: 16 Jun 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	176480		
198	94.8	77.1	115.7	
97	54.5	43.0	64.4	
132	27.2	21.8	32.8	





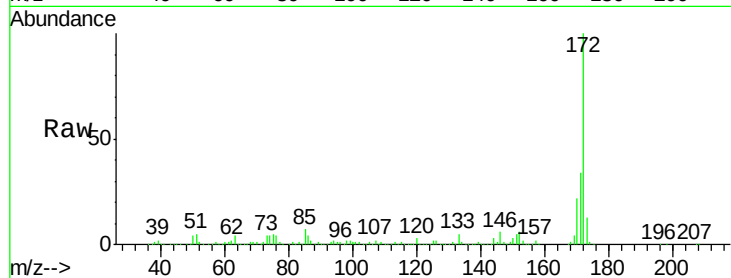
#45
2-Fluorobiphenyl
Concen: 114.054 ng
RT: 12.66 min Scan# 1662
Delta R.T. -0.00 min
Lab File: BM026413.D
Acq: 16 Jun 2020 15:39

Instrument :
BNA_M
ClientSampleId :
PB129567BS

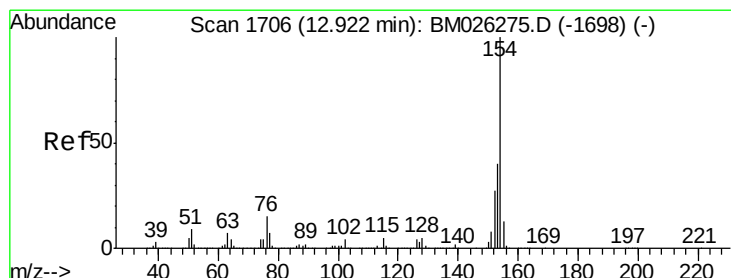
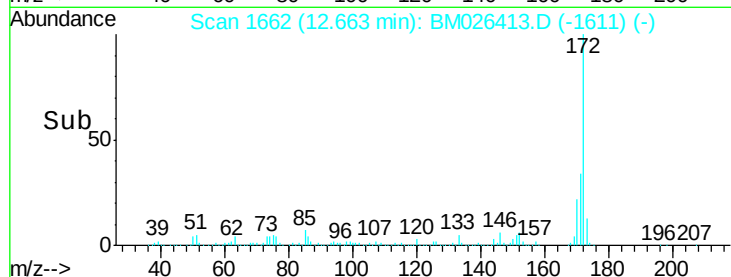
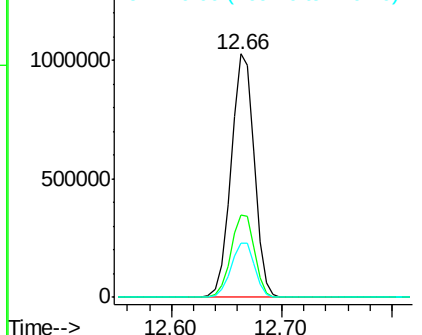
Tot Ion	Ratio	Lower	Upper
172	100		
171	33.9	27.8	41.8
170	22.3	18.2	27.4

Manual Integrations
APPROVED

mohammad
6/18/2020 11:52:31 AM

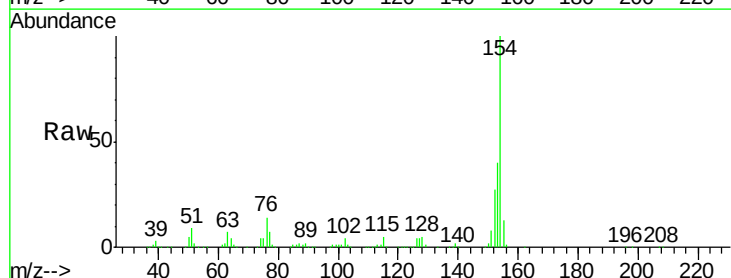


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

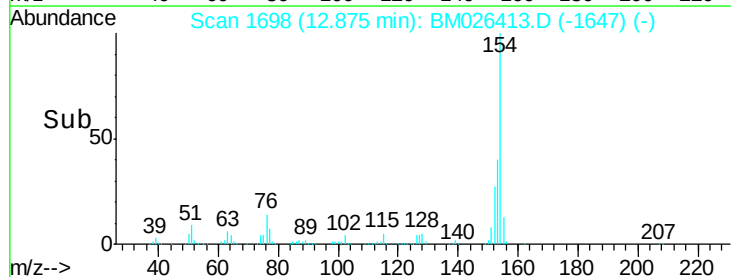
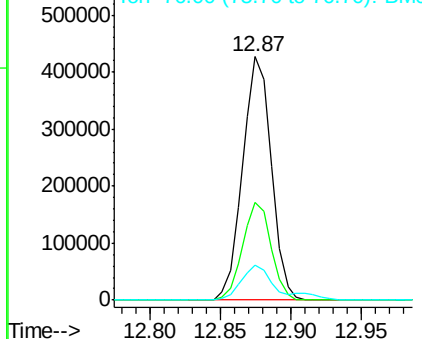


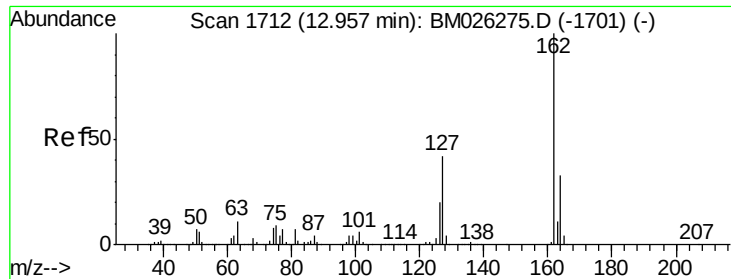
#46
1,1'-Biphenyl
Concen: 43.130 ng
RT: 12.87 min Scan# 1698
Delta R.T. -0.00 min
Lab File: BM026413.D
Acq: 16 Jun 2020 15:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.0	60.0
76	14.4	0.0	34.6



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM





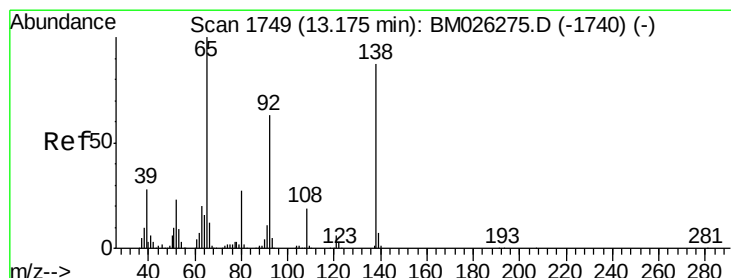
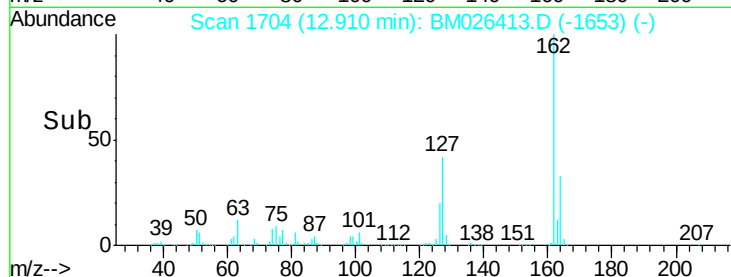
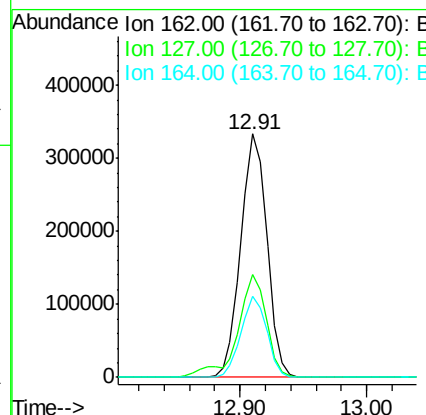
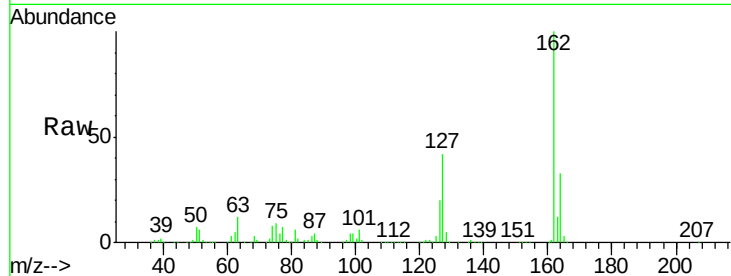
#47
2-Chloronaphthalene
Concen: 41.708 ng
RT: 12.91 min Scan# 1704
Delta R.T. -0.00 min
Lab File: BM026413.D
Acq: 16 Jun 2020 15:39

Instrument :
BNA_M
ClientSampleId :
PB129567BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.3	34.0	51.0
164	33.2	26.3	39.5

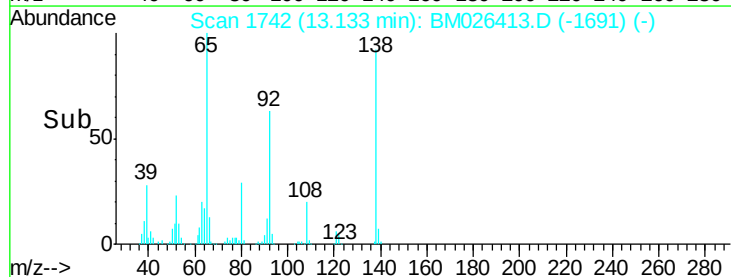
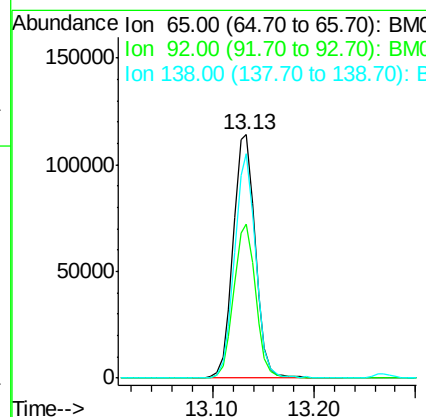
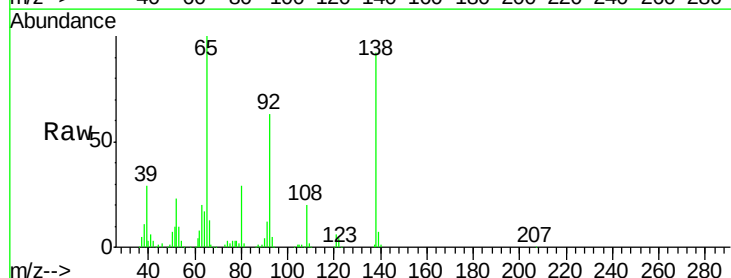
Manual Integrations
APPROVED

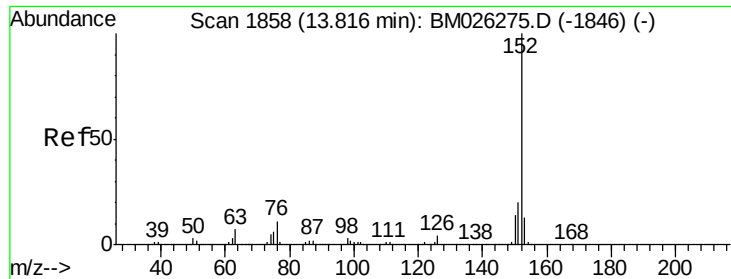
mohammad
6/18/2020 11:52:31 AM



#48
2-Nitroaniline
Concen: 38.317 ng
RT: 13.13 min Scan# 1742
Delta R.T. -0.00 min
Lab File: BM026413.D
Acq: 16 Jun 2020 15:39

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.1	50.6	76.0
138	92.0	71.6	107.4





#49

Acenaphthylene

Concen: 40.801 ng

RT: 13.77 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BM026413.D

Acq: 16 Jun 2020 15:39

Instrument :

BNA_M

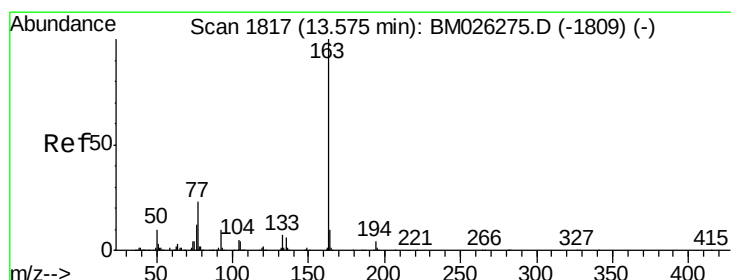
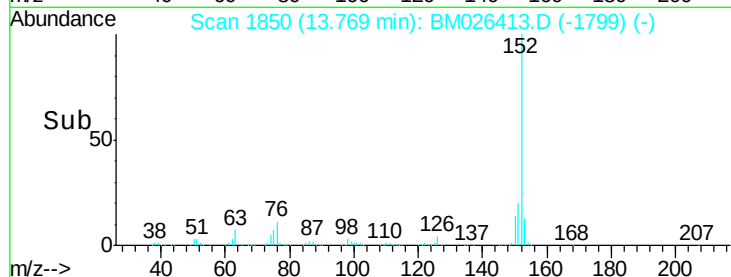
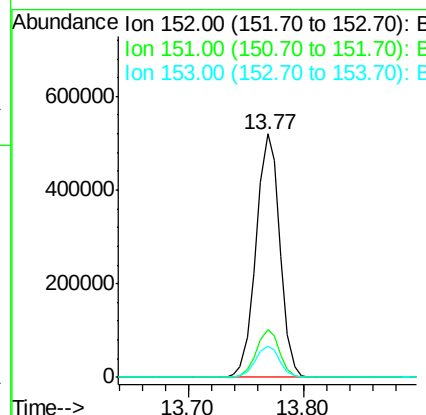
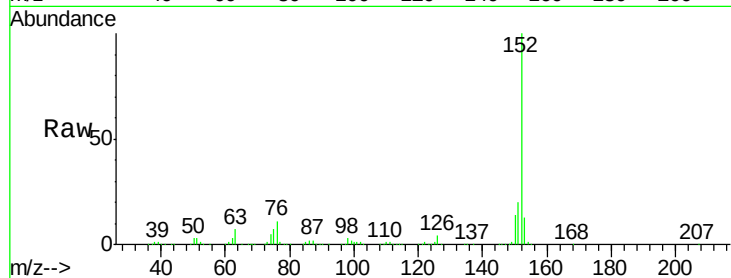
ClientSampleId :

PB129567BS

Tot Ion:	152	Resp:	746711
Ion Ratio	Lower	Upper	
152	100		
151	19.6	15.8	23.6
153	13.0	10.1	15.1

Manual Integrations
APPROVED

mohammad
6/18/2020 11:52:31 AM



#50

Dimethylphthalate

Concen: 39.295 ng

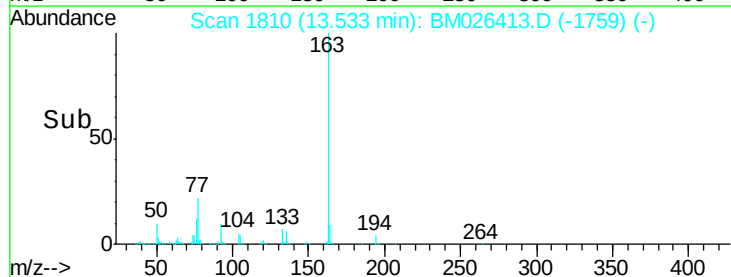
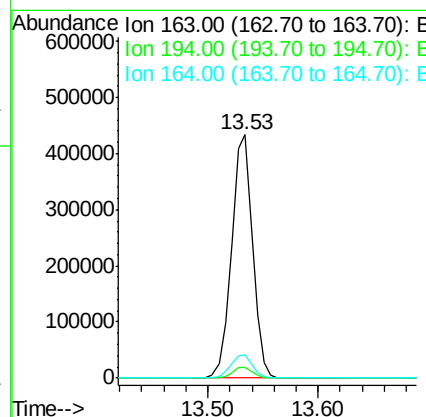
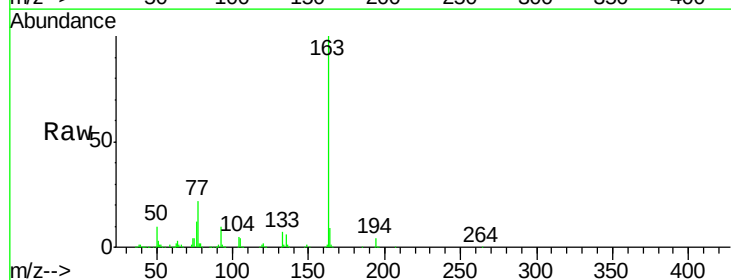
RT: 13.53 min Scan# 1810

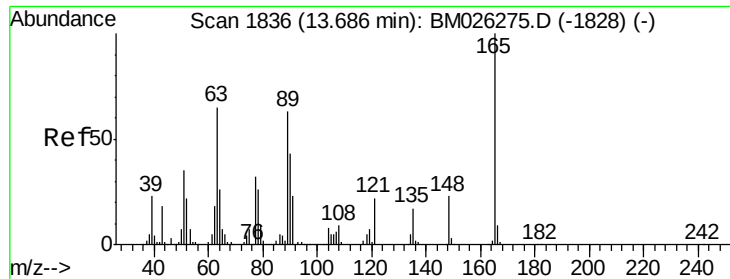
Delta R.T. -0.00 min

Lab File: BM026413.D

Acq: 16 Jun 2020 15:39

Tgt Ion:	163	Resp:	577523
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.4	5.2
164	9.5	7.8	11.8





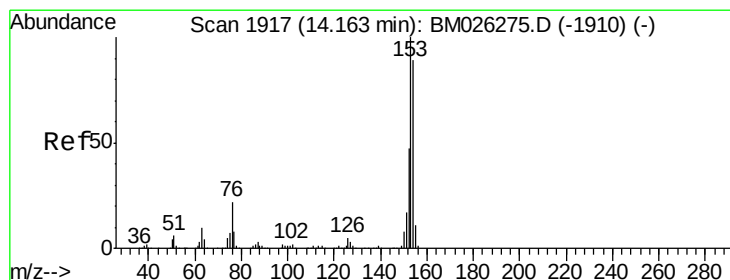
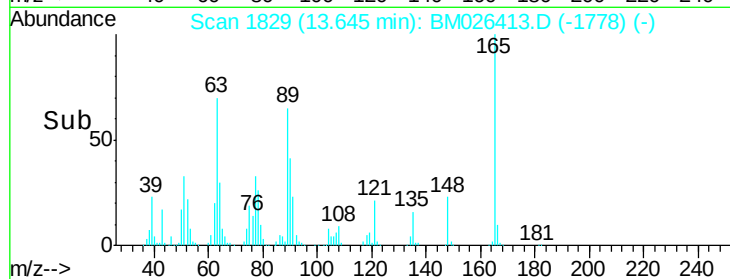
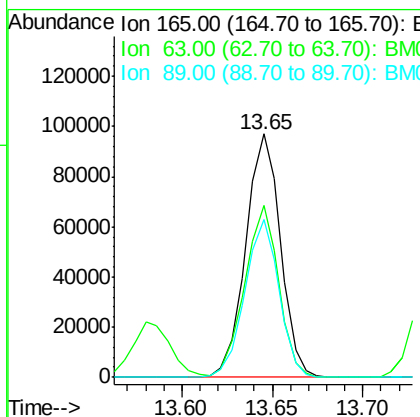
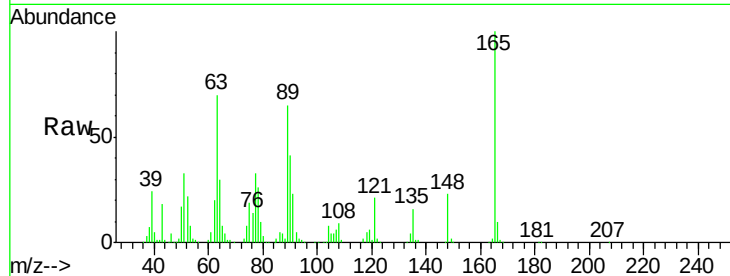
#51
2,6-Dinitrotoluene
Concen: 39.967 ng
RT: 13.65 min Scan# 1829
Delta R.T. -0.00 min
Lab File: BM026413.D
Acq: 16 Jun 2020 15:39

Instrument :
BNA_M
ClientSampleId :
PB129567BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	128895		
63	70.4	54.3	81.5	
89	64.8	51.5	77.3	

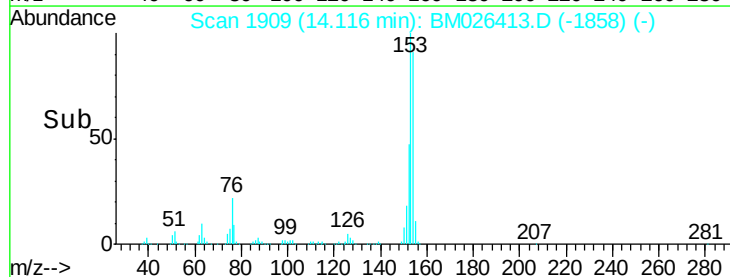
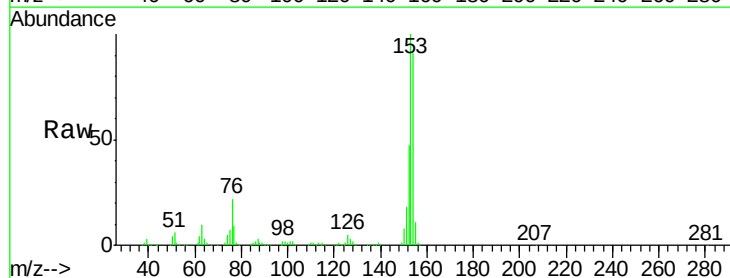
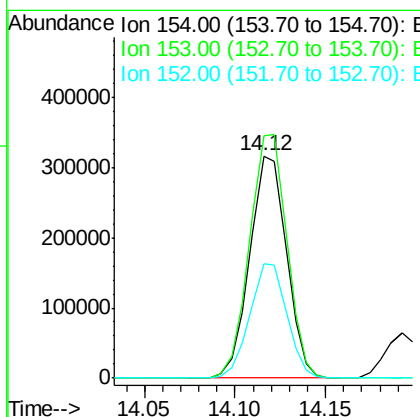
Manual Integrations
APPROVED

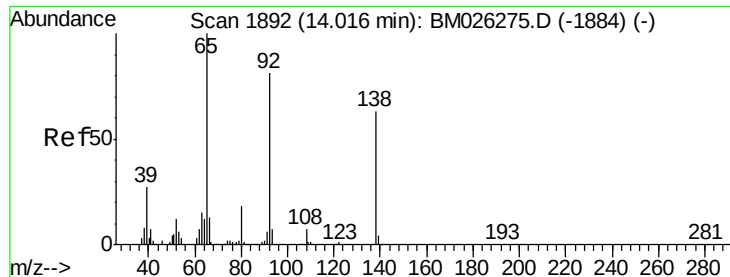
mohammad
6/18/2020 11:52:31 AM



#52
Acenaphthene
Concen: 40.894 ng
RT: 14.12 min Scan# 1909
Delta R.T. -0.00 min
Lab File: BM026413.D
Acq: 16 Jun 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	449306		
153	109.4	88.6	132.8	
152	51.5	42.0	63.0	





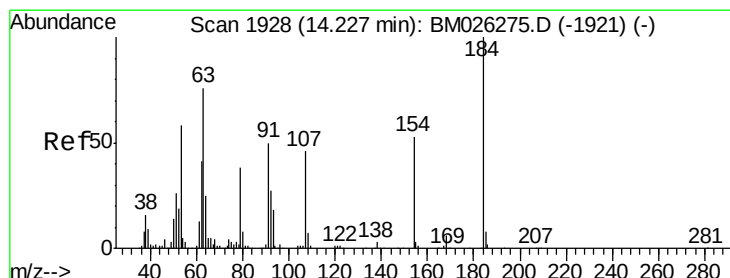
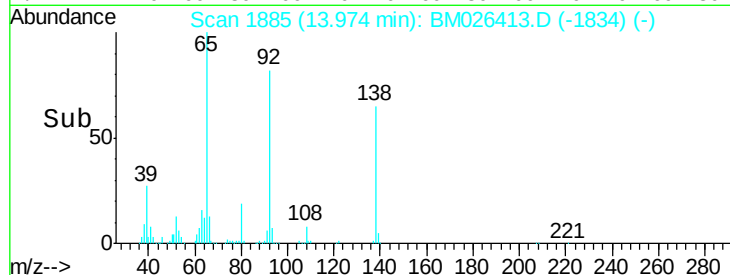
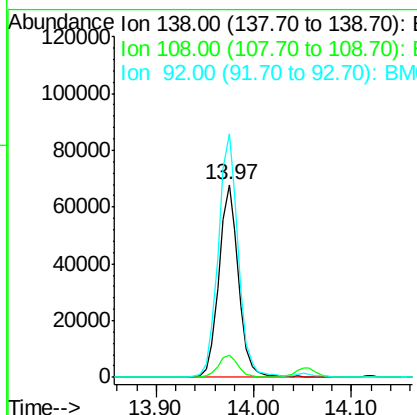
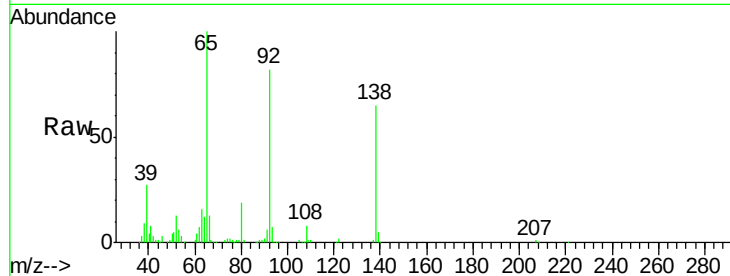
#53
3-Nitroaniline
Concen: 26.343 ng
RT: 13.97 min Scan# 1885
Delta R.T. -0.00 min
Lab File: BM026413.D
Acq: 16 Jun 2020 15:39

Instrument :
BNA_M
ClientSampleId :
PB129567BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.8	9.4	14.0
92	126.5	105.4	158.2

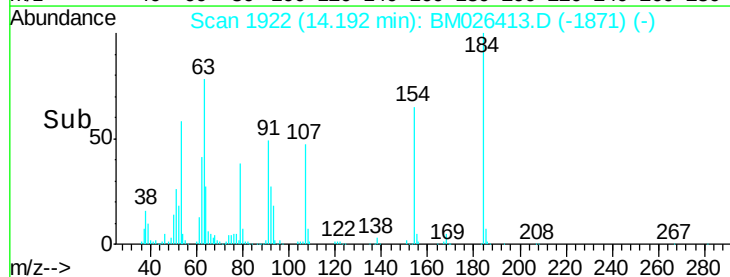
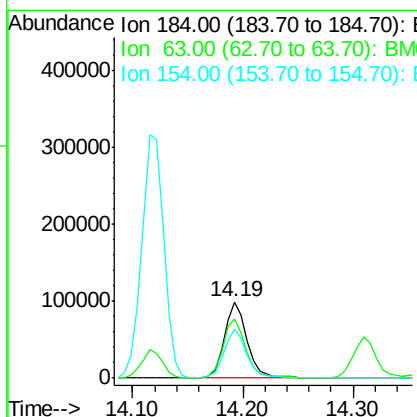
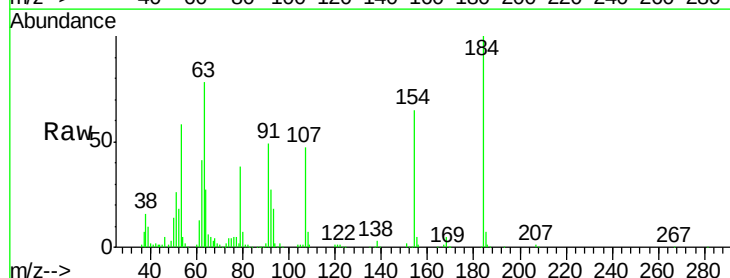
Manual Integrations
APPROVED

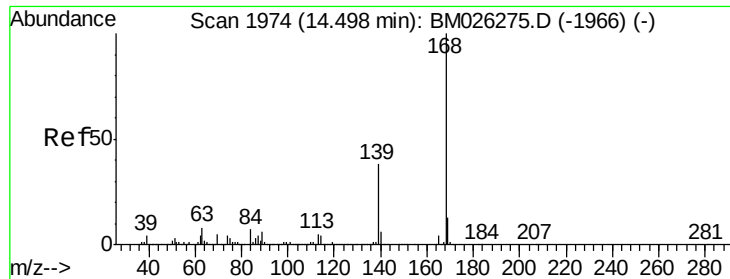
mohammad
6/18/2020 11:52:31 AM



#54
2,4-Dinitrophenol
Concen: 72.876 ng
RT: 14.19 min Scan# 1922
Delta R.T. -0.00 min
Lab File: BM026413.D
Acq: 16 Jun 2020 15:39

Tgt Ion	Ratio	Lower	Upper
184	100		
63	78.4	61.8	92.6
154	64.9	53.1	79.7





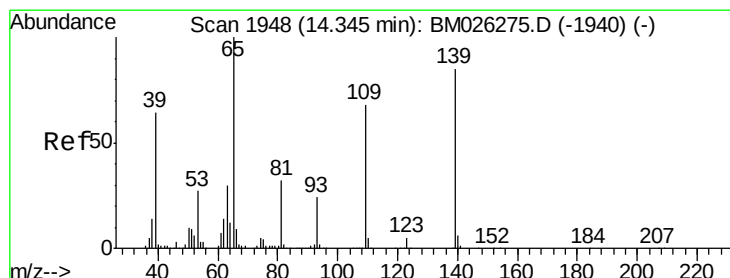
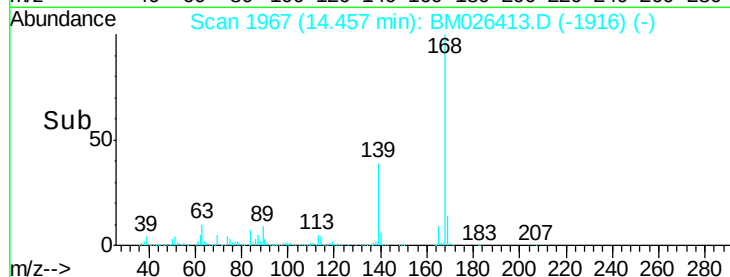
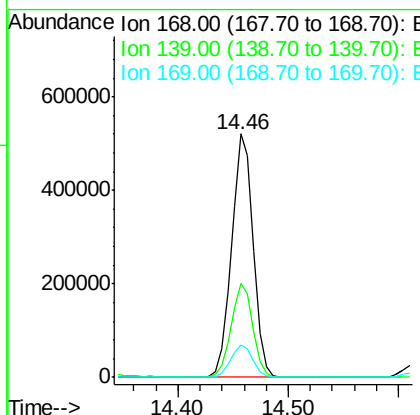
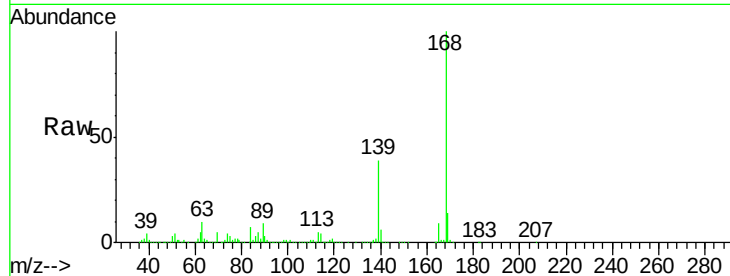
#55
Dibenzenofuran
Concen: 40.214 ng
RT: 14.46 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BM026413.D
Acq: 16 Jun 2020 15:39

Instrument :
BNA_M
ClientSampleId :
PB129567BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	711886		
139	38.6		31.4	47.0
169	13.5		10.7	16.1

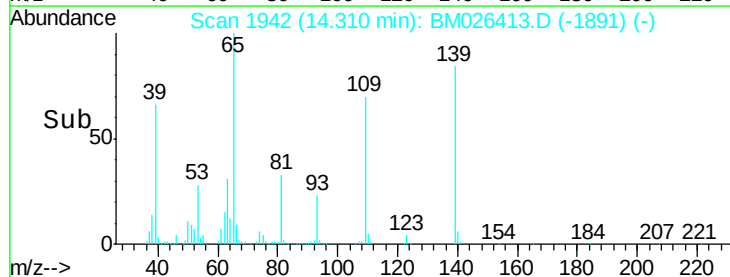
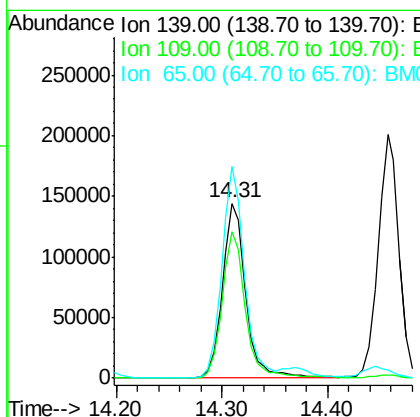
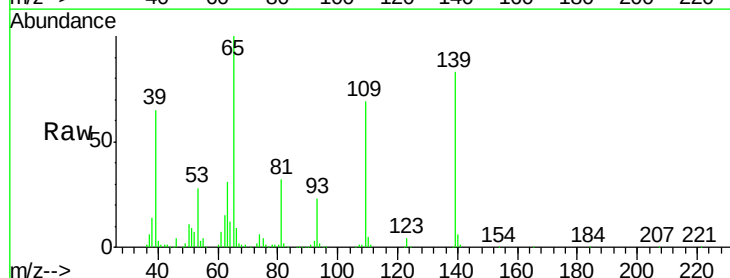
Manual Integrations
APPROVED

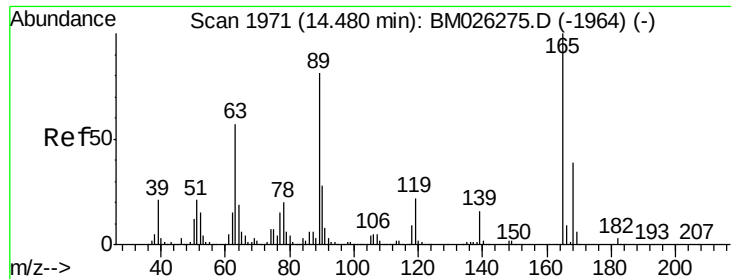
mohammad
6/18/2020 11:52:31 AM



#56
4-Nitrophenol
Concen: 77.425 ng
RT: 14.31 min Scan# 1942
Delta R.T. -0.00 min
Lab File: BM026413.D
Acq: 16 Jun 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	220498		
109	83.5		64.9	104.9
65	121.1		98.1	138.1





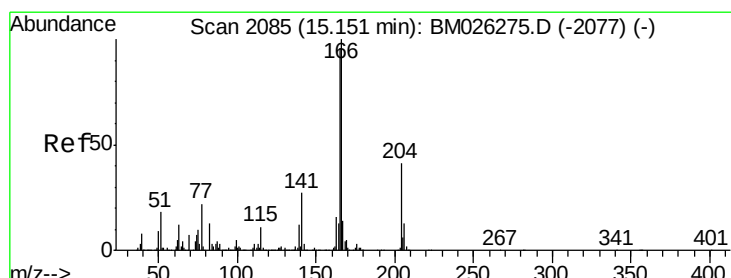
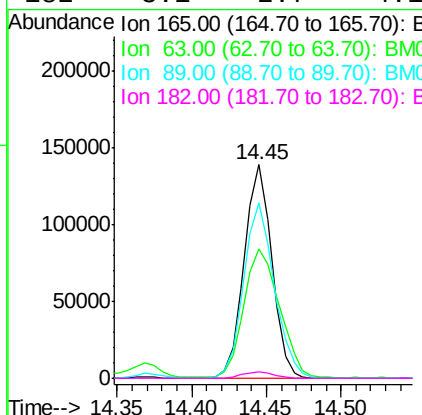
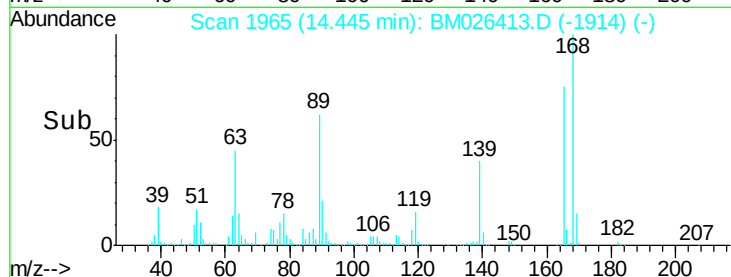
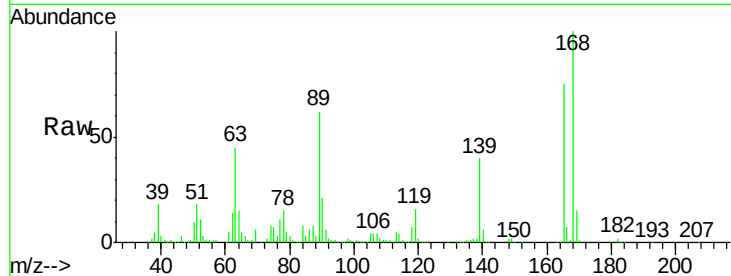
#57
2,4-Dinitrotoluene
Concen: 39.740 ng
RT: 14.45 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BM026413.D
Acq: 16 Jun 2020 15:39

Instrument :
BNA_M
ClientSampleId :
PB129567BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	178199		
63	60.5	48.1	72.1	
89	82.2	65.6	98.4	
182	3.1	2.7	4.1	

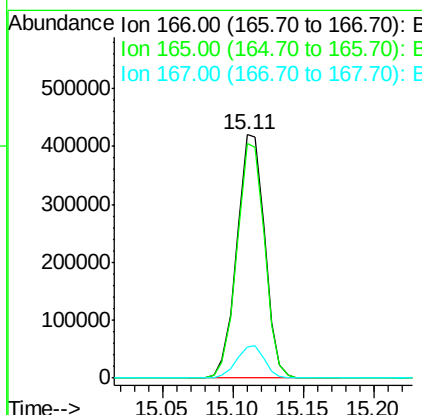
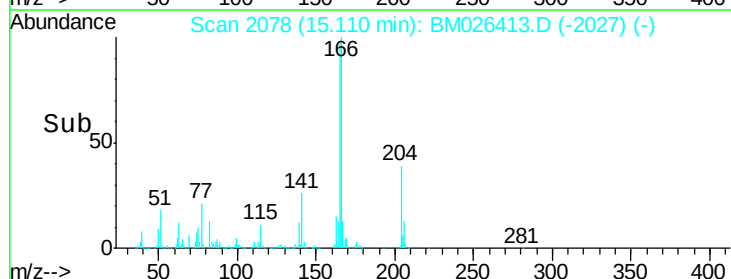
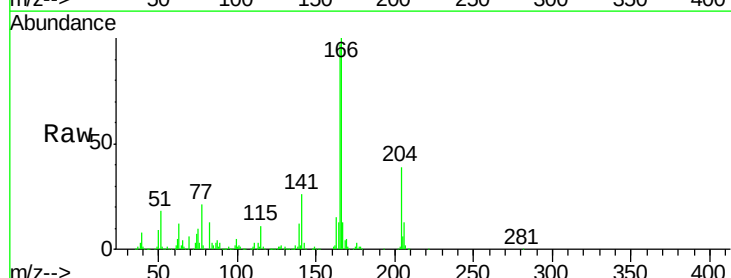
Manual Integrations
APPROVED

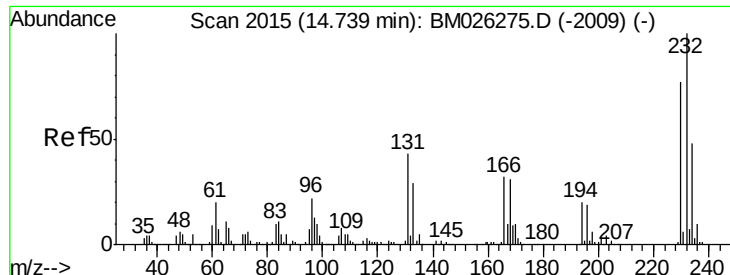
mohammad
6/18/2020 11:52:31 AM



#58
Fluorene
Concen: 40.052 ng
RT: 15.11 min Scan# 2078
Delta R.T. -0.00 min
Lab File: BM026413.D
Acq: 16 Jun 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	575901		
165	96.5	77.5	116.3	
167	12.8	10.9	16.3	





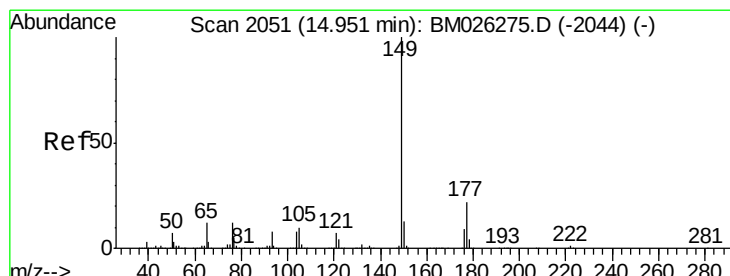
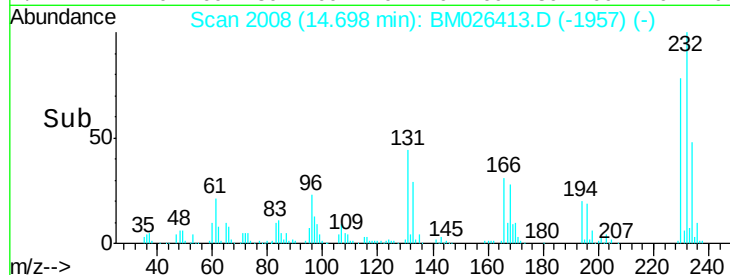
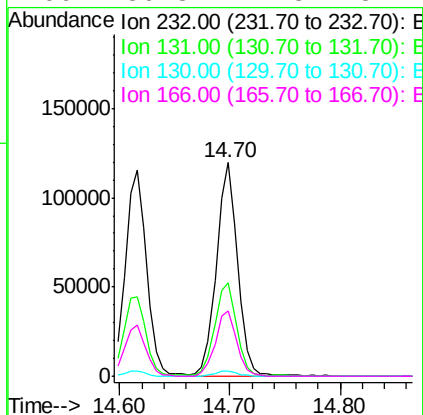
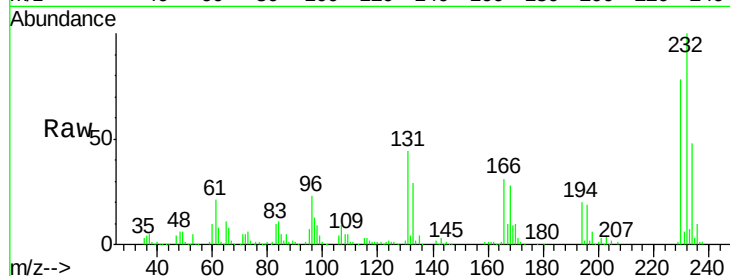
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.210 ng
 RT: 14.70 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BM026413.D
 Acq: 16 Jun 2020 15:39

Instrument :
 BNA_M
 ClientSampleId :
 PB129567BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.9	36.4	54.6
130	2.4	2.0	3.0
166	30.8	24.8	37.2

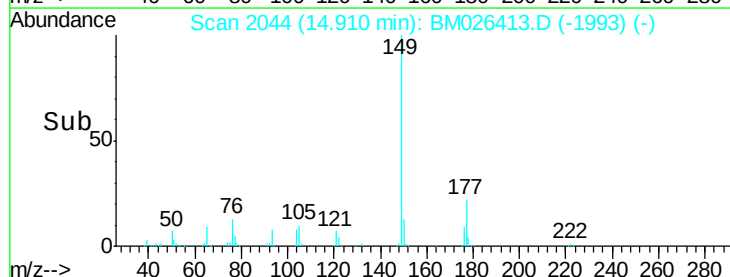
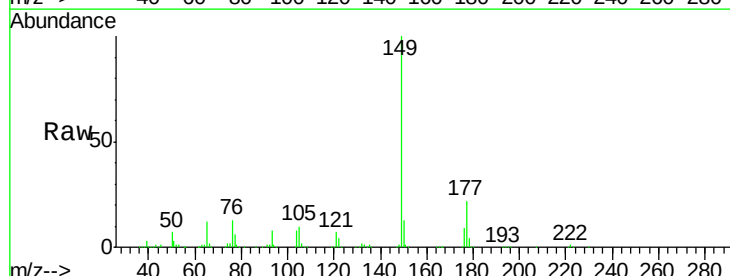
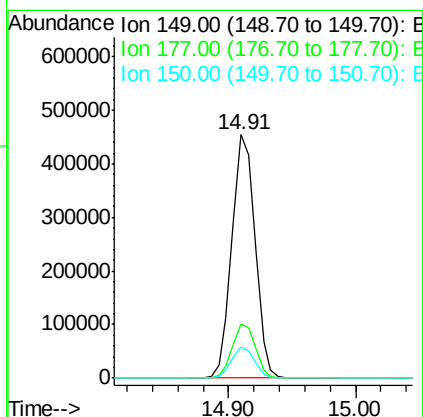
Manual Integrations
 APPROVED

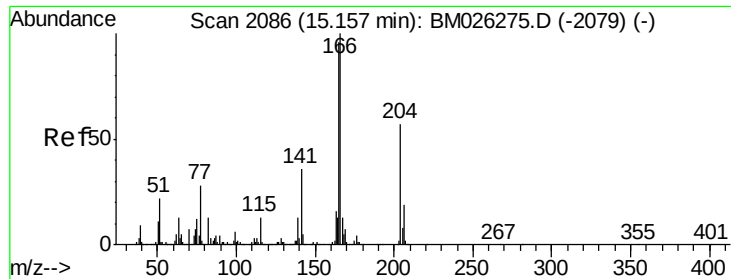
mohammad
 6/18/2020 11:52:31 AM



#60
 Diethylphthalate
 Concen: 38.170 ng
 RT: 14.91 min Scan# 2044
 Delta R.T. -0.00 min
 Lab File: BM026413.D
 Acq: 16 Jun 2020 15:39

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.6	26.4
150	12.7	9.9	14.9





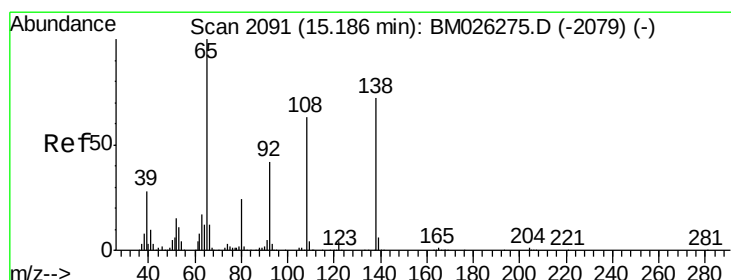
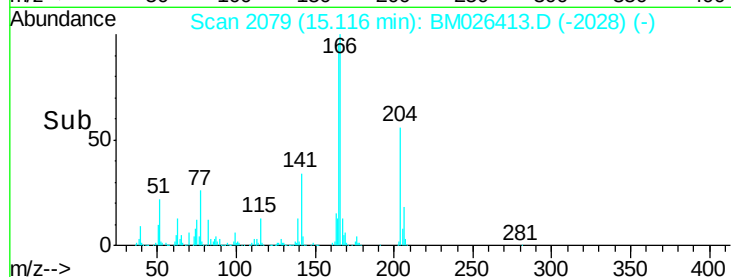
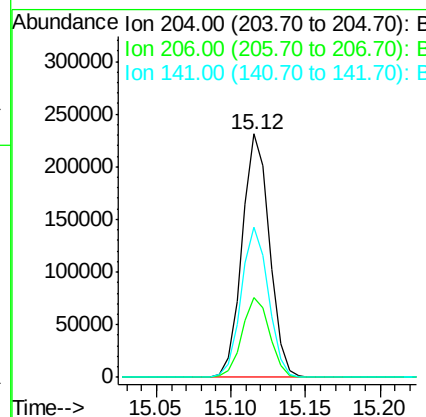
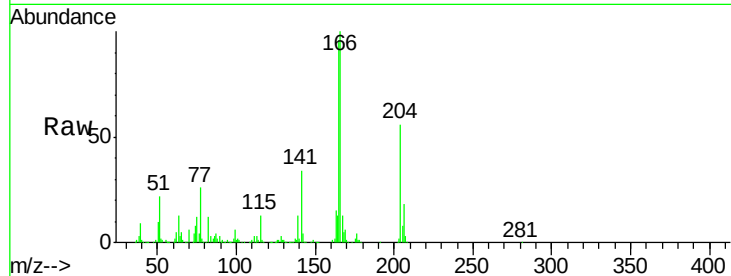
#61
4-Chlorophenyl-phenylether
Concen: 38.656 ng
RT: 15.12 min Scan# 2079
Delta R.T. -0.00 min
Lab File: BM026413.D
Acq: 16 Jun 2020 15:39

Instrument :
BNA_M
ClientSampleId :
PB129567BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	294828		
206	32.9	26.6	40.0	
141	61.4	49.4	74.2	

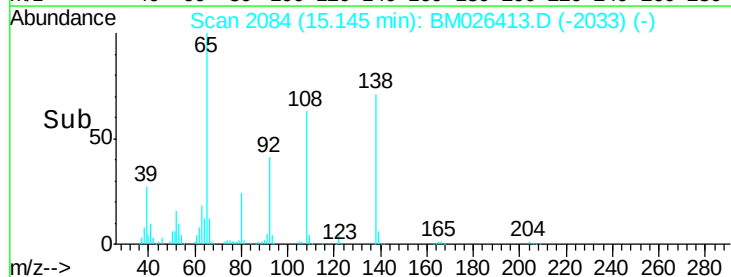
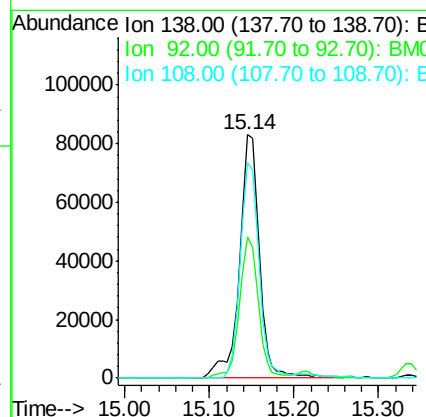
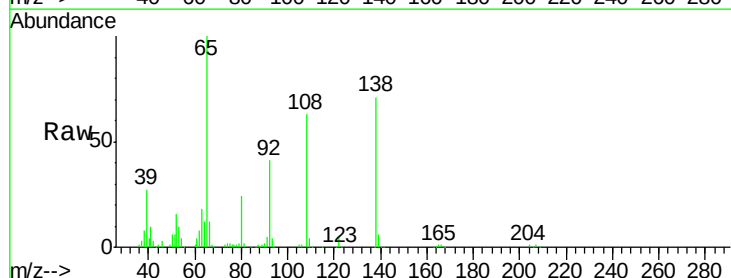
Manual Integrations
APPROVED

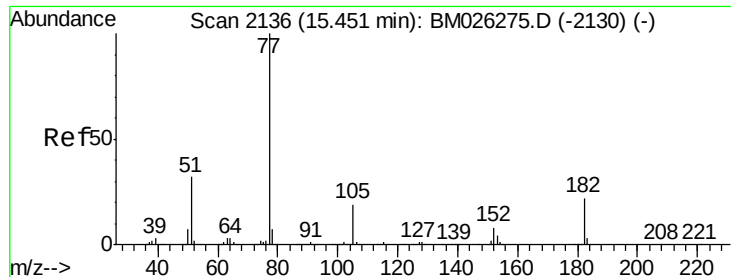
mohammad
6/18/2020 11:52:31 AM



#62
4-Nitroaniline
Concen: 35.226 ng
RT: 15.14 min Scan# 2084
Delta R.T. -0.00 min
Lab File: BM026413.D
Acq: 16 Jun 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	134910		
92	58.0	37.5	77.5	
108	88.2	66.3	106.3	





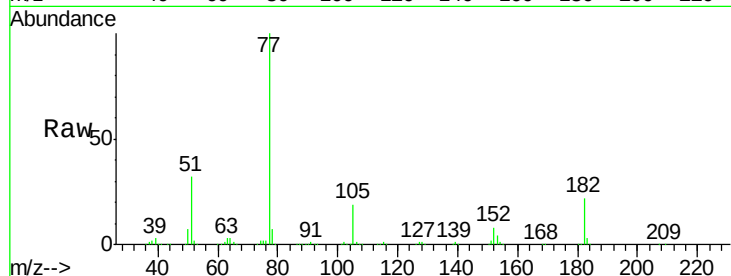
#63
Azobenzene
Concen: 39.372 ng
RT: 15.41 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BM026413.D
Acq: 16 Jun 2020 15:39

Instrument :
BNA_M
ClientSampleId :
PB129567BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	22.4	2.1	42.1
105	18.6	0.0	38.3
51	32.4	13.5	53.5

Manual Integrations
APPROVED

mohammad
6/18/2020 11:52:31 AM

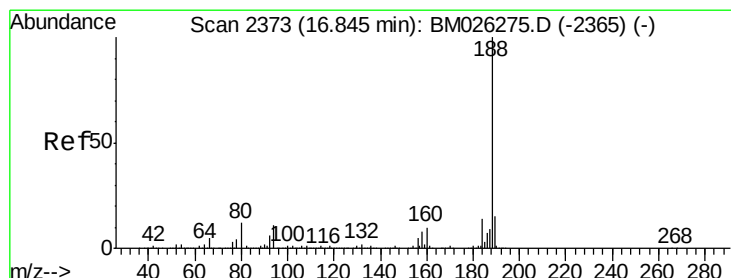
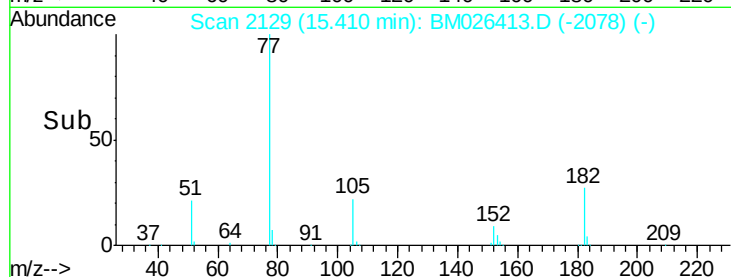
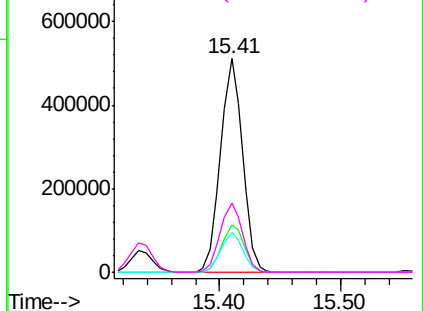


Abundance Ion 77.00 (76.70 to 77.70): BM026413.D (-2130) (-)

Ion 182.00 (181.70 to 182.70): BM026413.D (-2130) (-)

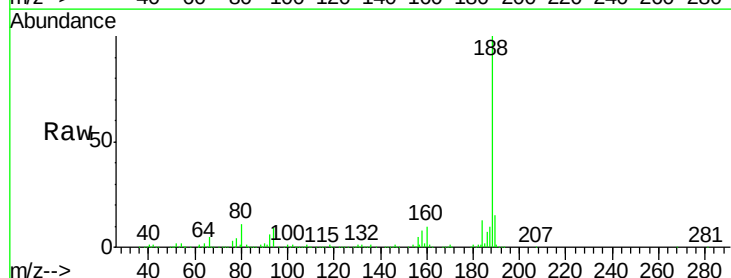
Ion 105.00 (104.70 to 105.70): BM026413.D (-2130) (-)

Ion 51.00 (50.70 to 51.70): BM026413.D (-2130) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.81 min Scan# 2367
Delta R.T. -0.00 min
Lab File: BM026413.D
Acq: 16 Jun 2020 15:39

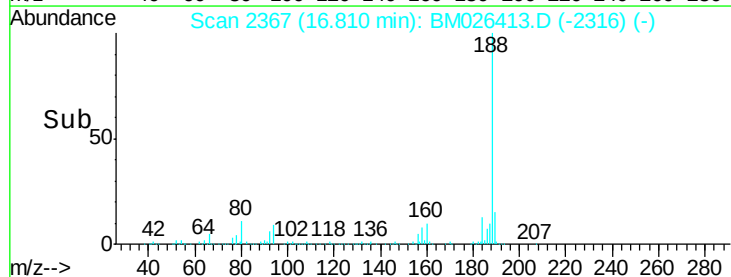
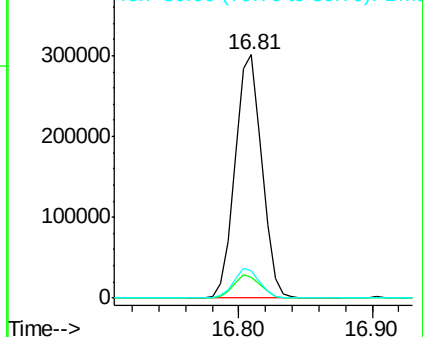
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.8	11.6
80	11.4	9.5	14.3

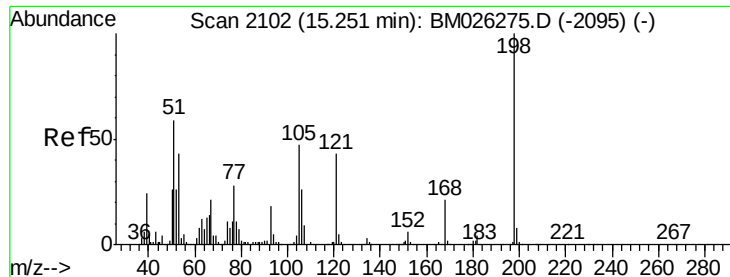


Abundance Ion 188.00 (187.70 to 188.70): BM026413.D (-2316) (-)

Ion 94.00 (93.70 to 94.70): BM026413.D (-2316) (-)

Ion 80.00 (79.70 to 80.70): BM026413.D (-2316) (-)





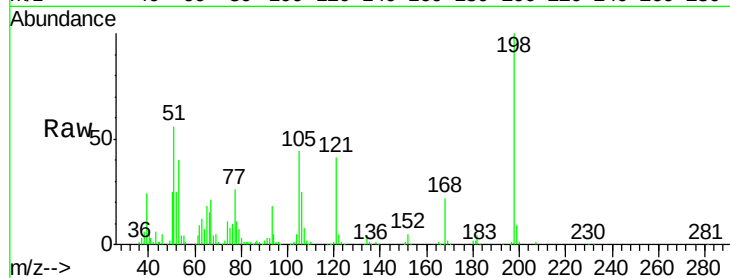
#65
4,6-Dinitro-2-methylphenol
Concen: 38.695 ng
RT: 15.22 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BM026413.D
Acq: 16 Jun 2020 15:39

Instrument :
BNA_M
ClientSampleId :
PB129567BS

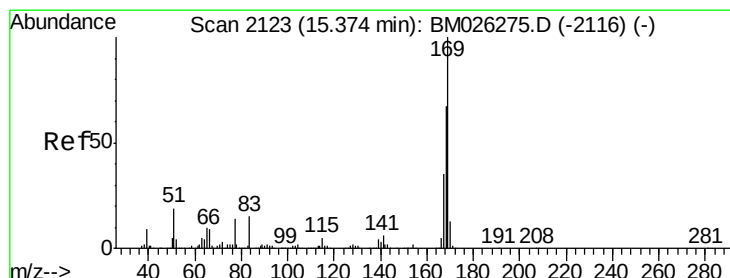
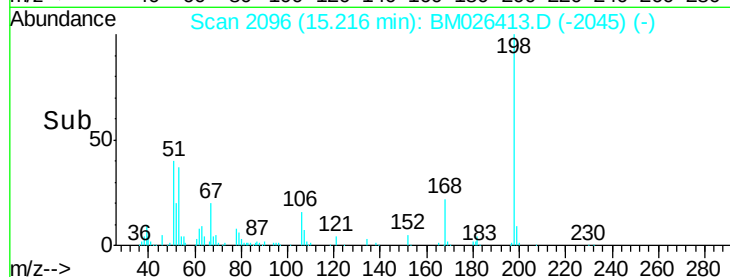
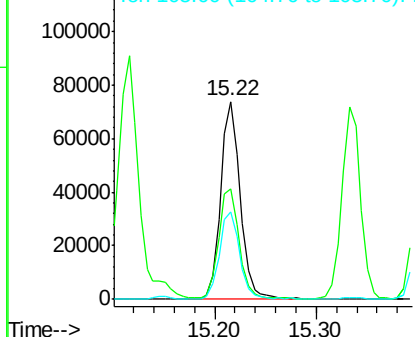
Tot Ion	Ratio	Resp	Lower	Upper
198	100	98751		
51	56.2	35.6	75.6	
105	43.9	24.3	64.3	

Manual Integrations
APPROVED

mohammad
6/18/2020 11:52:31 AM

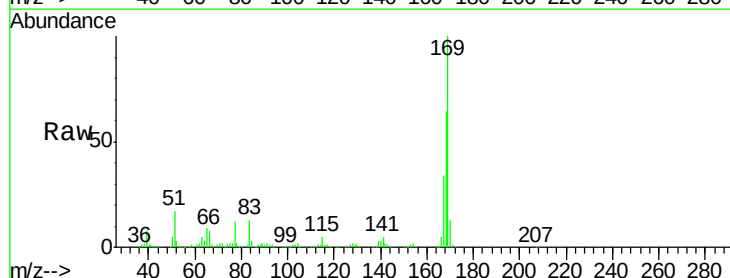


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BM026413.D (-2095) (-)
Ion 105.00 (104.70 to 105.70): E

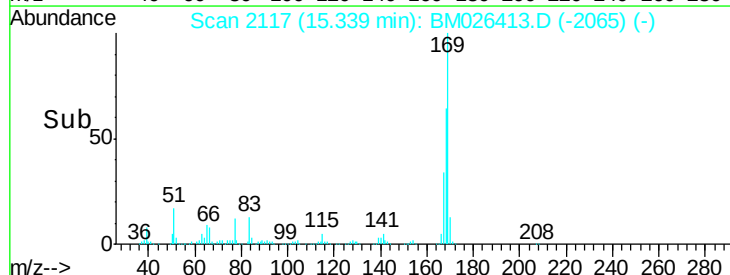
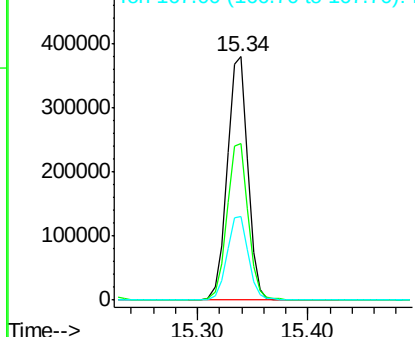


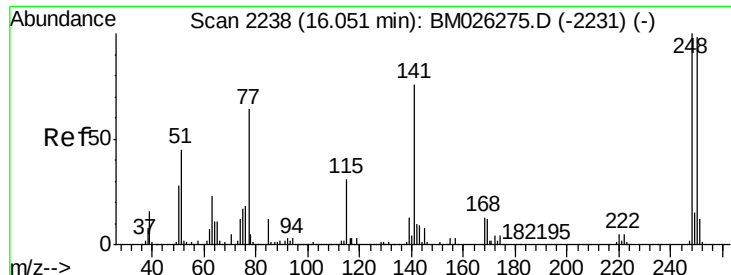
#66
n-Nitrosodiphenylamine
Concen: 40.862 ng
RT: 15.34 min Scan# 2117
Delta R.T. 0.01 min
Lab File: BM026413.D
Acq: 16 Jun 2020 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	496792		
168	64.5	51.6	77.4	
167	34.5	28.2	42.4	



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





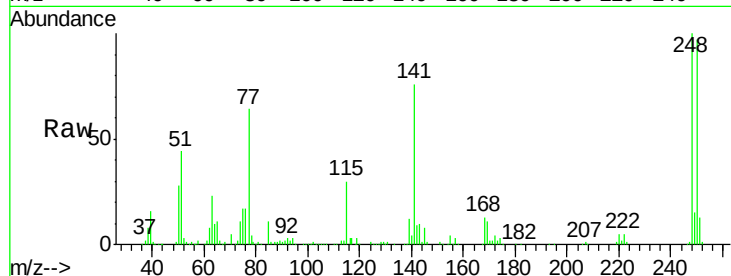
#67
4-Bromophenyl-phenylether
Concen: 38.809 ng
RT: 16.01 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BM026413.D
Acq: 16 Jun 2020 15:39

Instrument :
BNA_M
ClientSampleId :
PB129567BS

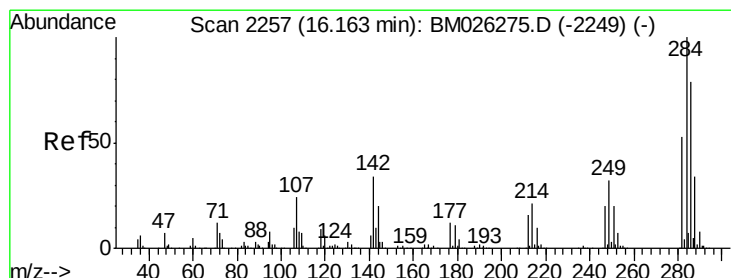
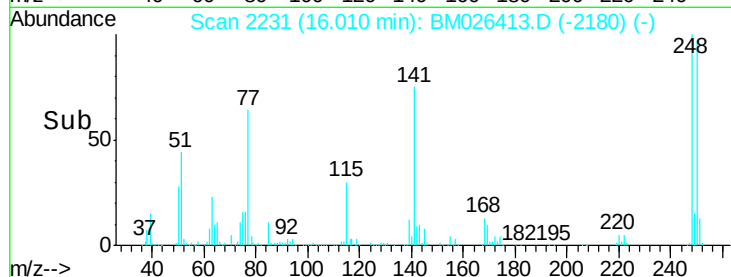
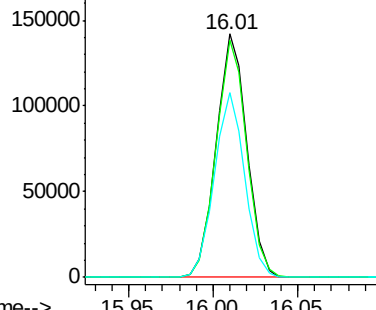
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	78.4	117.6
141	75.7	60.6	91.0

Manual Integrations
APPROVED

mohammad
6/18/2020 11:52:31 AM



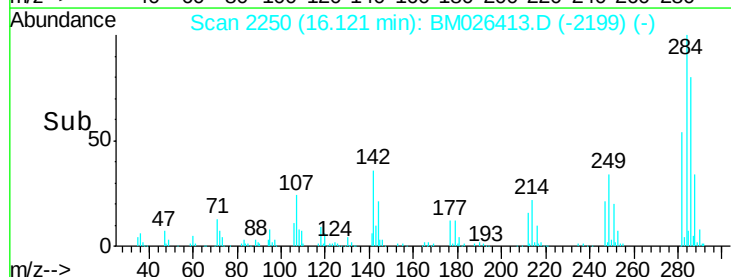
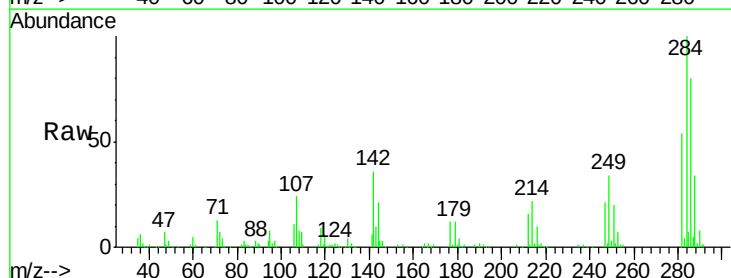
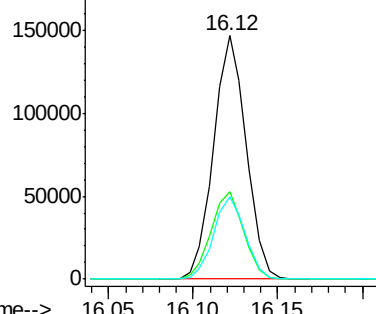
Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

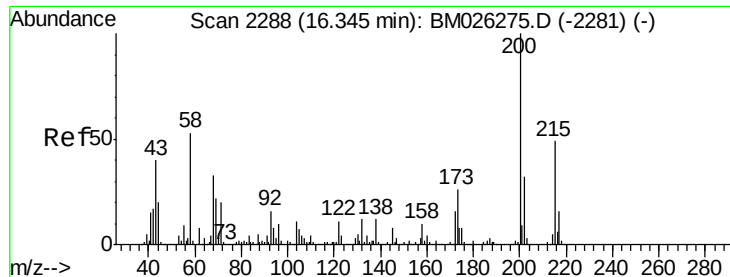


#68
Hexachlorobenzene
Concen: 40.787 ng
RT: 16.12 min Scan# 2250
Delta R.T. -0.00 min
Lab File: BM026413.D
Acq: 16 Jun 2020 15:39

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.9	29.1	43.7
249	33.9	27.2	40.8

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





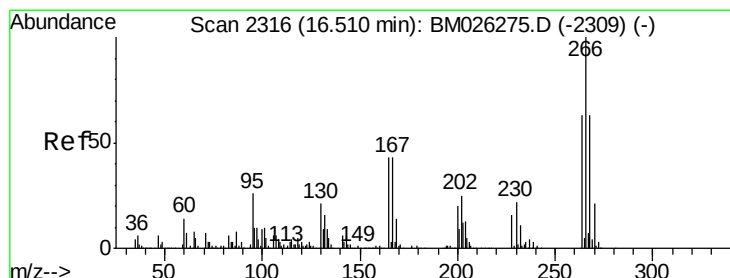
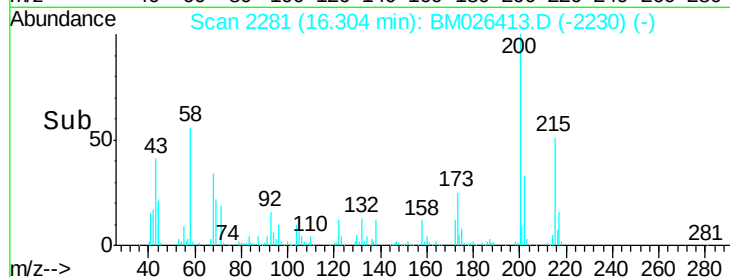
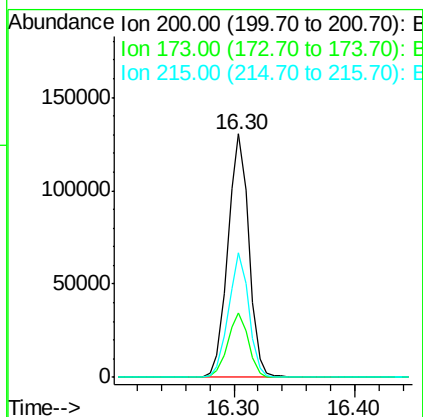
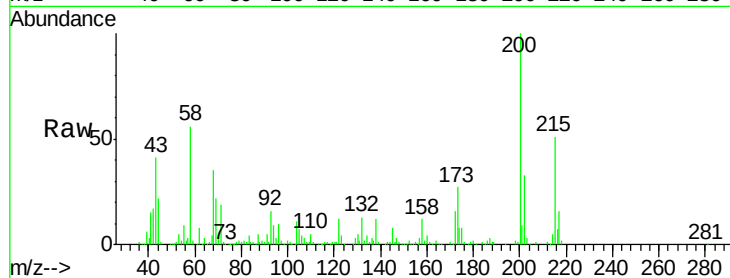
#69
 Atrazine
 Concen: 43.314 ng
 RT: 16.30 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BM026413.D
 Acq: 16 Jun 2020 15:39

Instrument :
 BNA_M
 ClientSampleId :
 PB129567BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.7	6.6	46.6
215	51.1	29.8	69.8

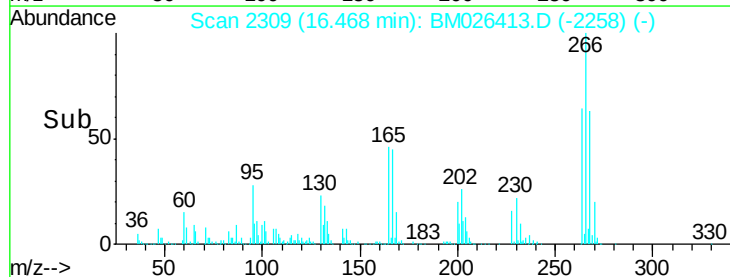
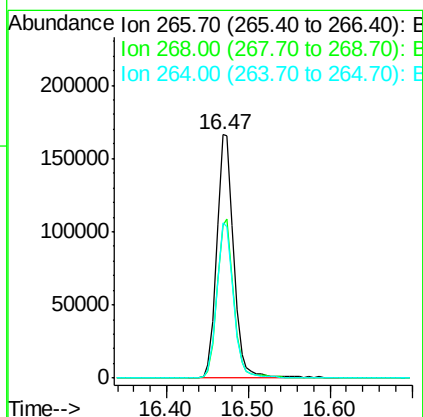
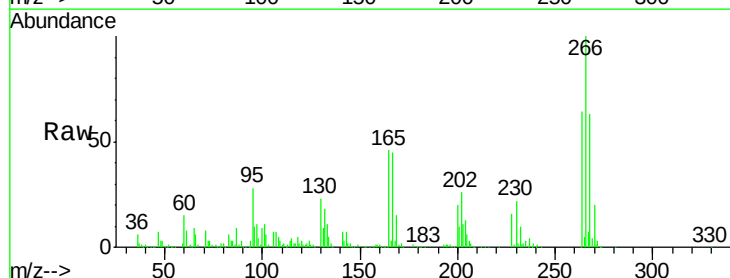
Manual Integrations
 APPROVED

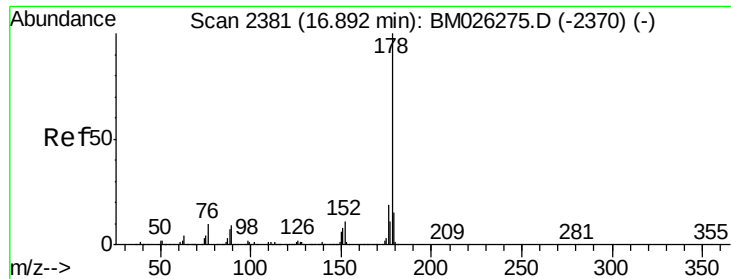
mohammad
 6/18/2020 11:52:31 AM



#70
 Pentachlorophenol
 Concen: 83.275 ng
 RT: 16.47 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: BM026413.D
 Acq: 16 Jun 2020 15:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	62.9	50.2	75.4
264	63.6	50.6	75.8





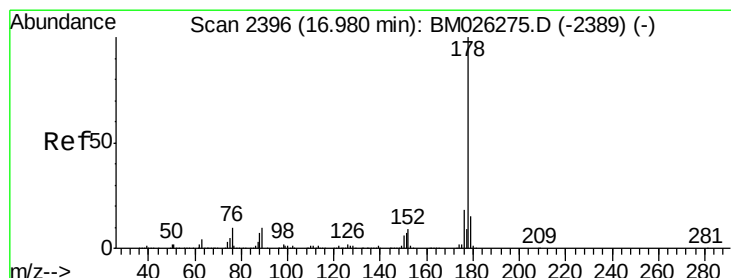
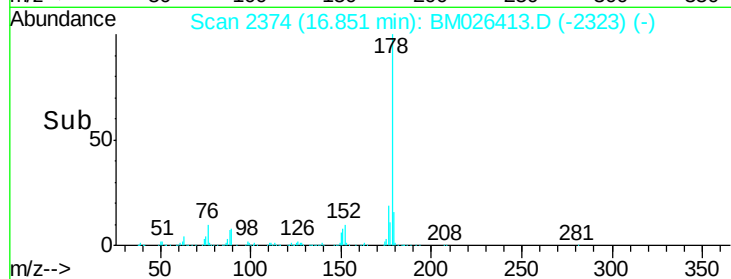
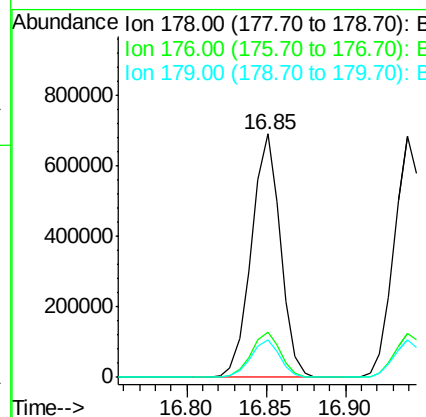
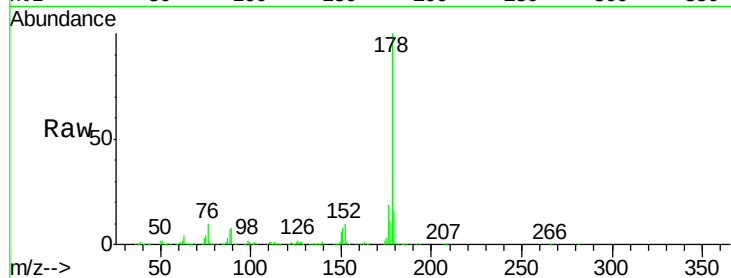
#71
Phenanthrene
Concen: 40.040 ng
RT: 16.85 min Scan# 2374
Delta R.T. -0.00 min
Lab File: BM026413.D
Acq: 16 Jun 2020 15:39

Instrument :
BNA_M
ClientSampleId :
PB129567BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.1	22.7
179	15.5	12.3	18.5

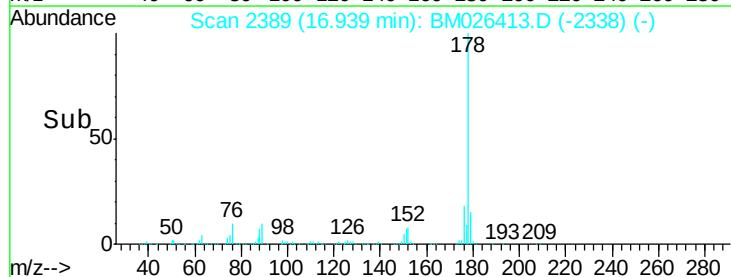
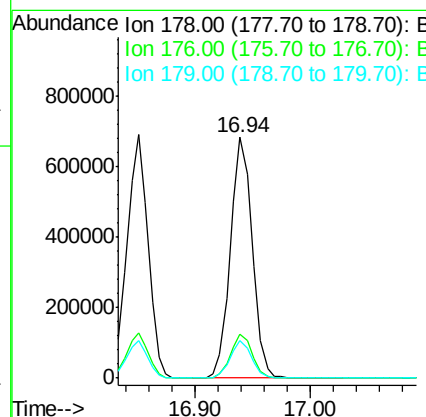
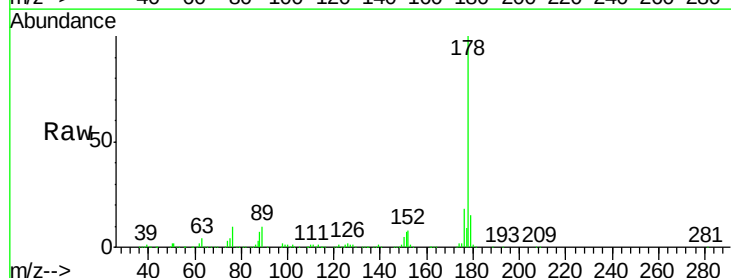
Manual Integrations
APPROVED

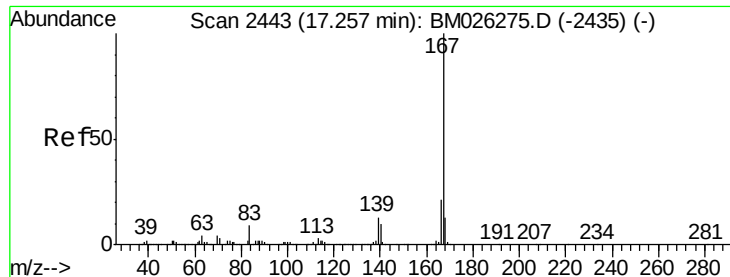
mohammad
6/18/2020 11:52:31 AM



#72
Anthracene
Concen: 41.180 ng
RT: 16.94 min Scan# 2389
Delta R.T. -0.00 min
Lab File: BM026413.D
Acq: 16 Jun 2020 15:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.5	21.7
179	15.4	12.3	18.5





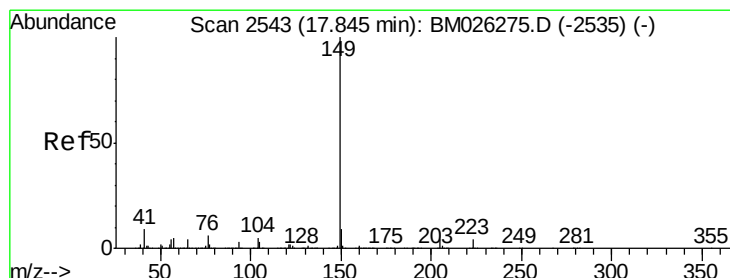
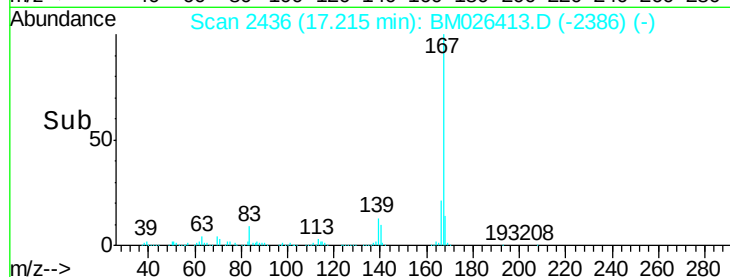
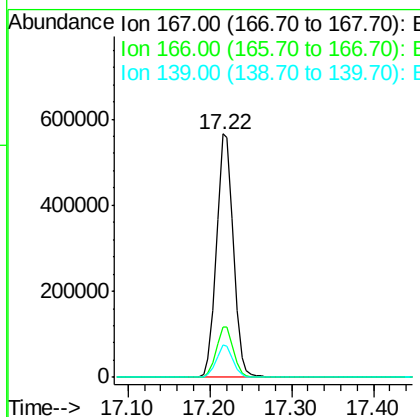
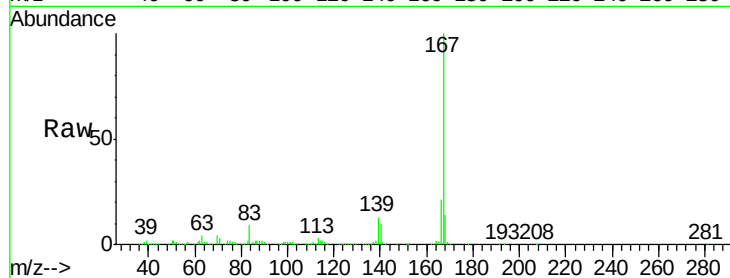
#73
 Carbazole
 Concen: 39.436 ng
 RT: 17.22 min Scan# 2436
 Delta R.T. -0.01 min
 Lab File: BM026413.D
 Acq: 16 Jun 2020 15:39

Instrument :
 BNA_M
 ClientSampleId :
 PB129567BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.6	16.9	25.3
139	13.2	10.2	15.4

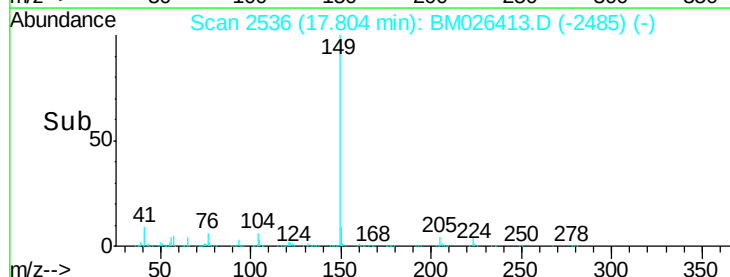
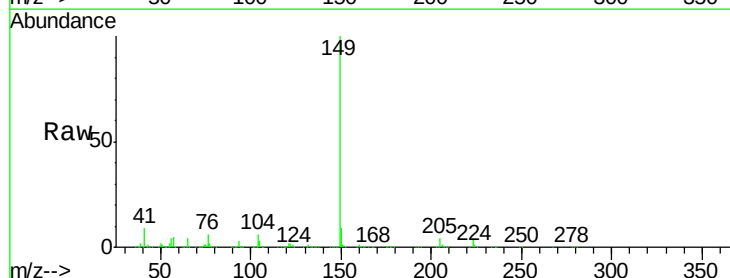
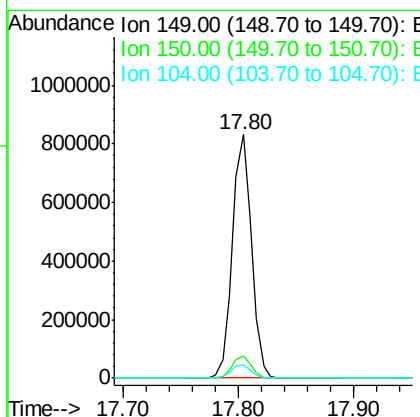
Manual Integrations
 APPROVED

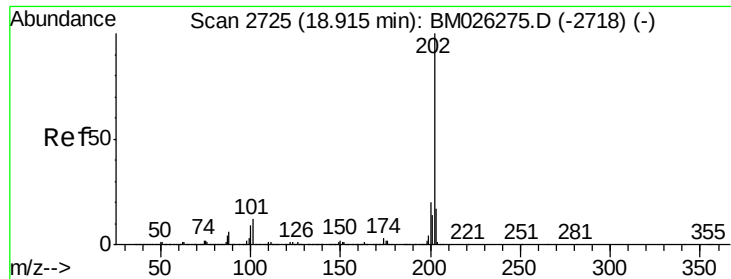
mohammad
 6/18/2020 11:52:31 AM



#74
 Di-n-butylphthalate
 Concen: 38.834 ng
 RT: 17.80 min Scan# 2536
 Delta R.T. -0.00 min
 Lab File: BM026413.D
 Acq: 16 Jun 2020 15:39

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.1	10.7
104	5.5	4.2	6.2





#75

Fluoranthene

Concen: 42.208 ng

RT: 18.87 min Scan# 2718

Delta R.T. -0.00 min

Lab File: BM026413.D

Acq: 16 Jun 2020 15:39

Instrument :

BNA_M

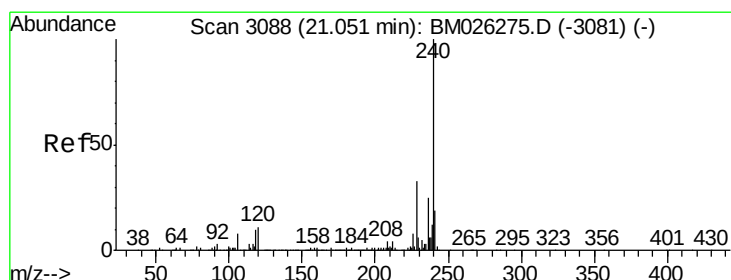
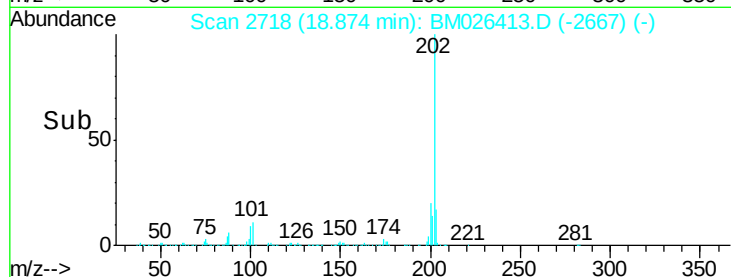
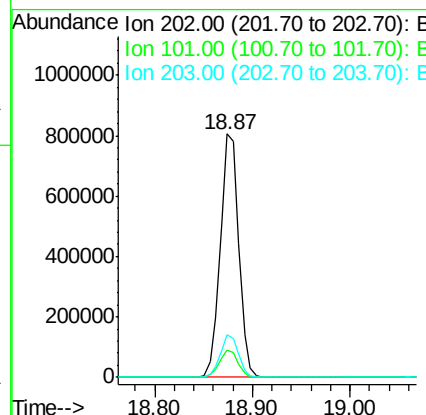
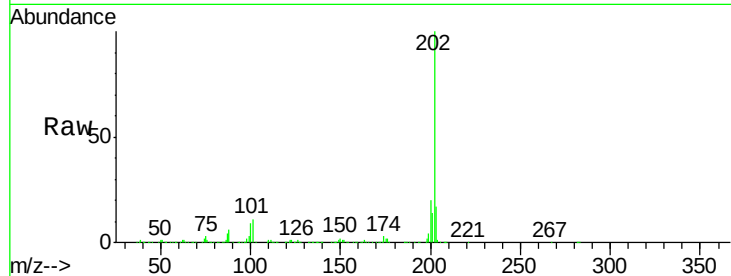
ClientSampled :

PB129567BS

Tot Ion:	202	Resp:	1057564
Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.9
203	17.5	0.0	37.5

Manual Integrations
APPROVED

mohammad
6/18/2020 11:52:31 AM



#76

Chrysene-d12

Concen: 20.000 ng

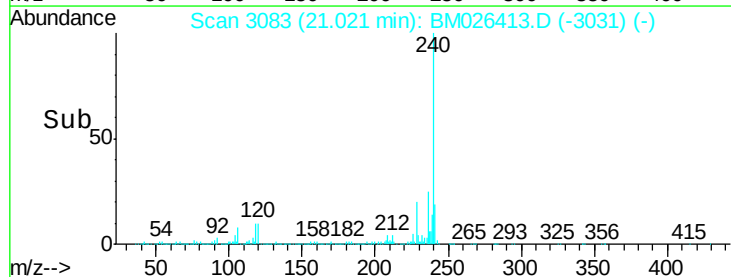
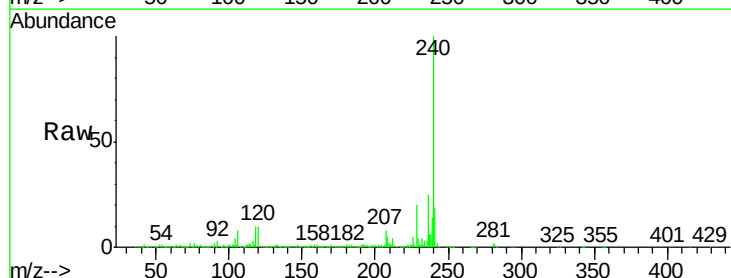
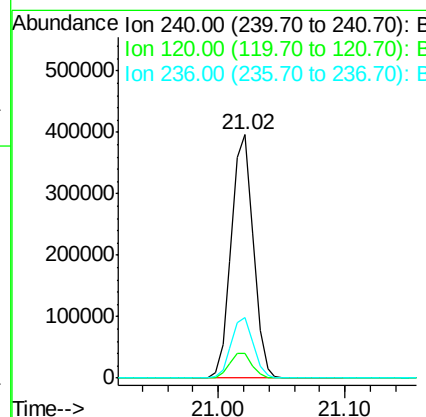
RT: 21.02 min Scan# 3083

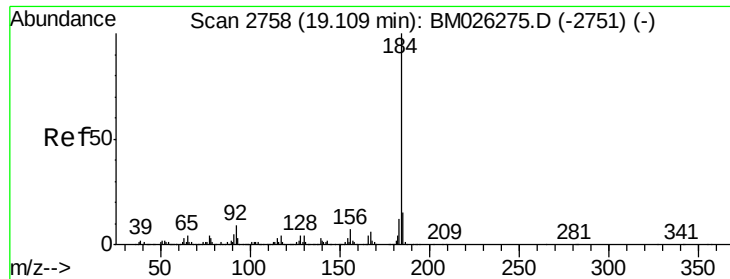
Delta R.T. 0.01 min

Lab File: BM026413.D

Acq: 16 Jun 2020 15:39

Tgt Ion:	240	Resp:	474788
Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.3	13.9
236	24.9	19.4	29.0





#77

Benzidine

Concen: 58.529 ng

RT: 19.08 min Scan# 2753

Delta R.T. -0.00 min

Lab File: BM026413.D

Acq: 16 Jun 2020 15:39

Instrument :

BNA_M

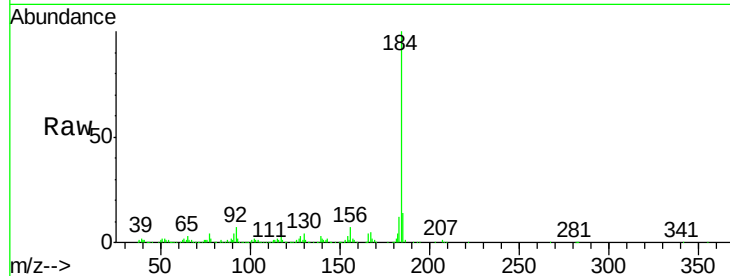
ClientSampleId :

PB129567BS

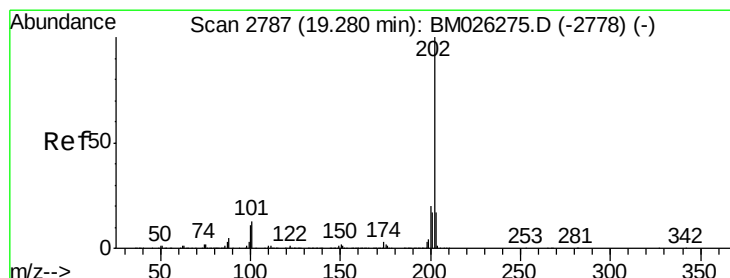
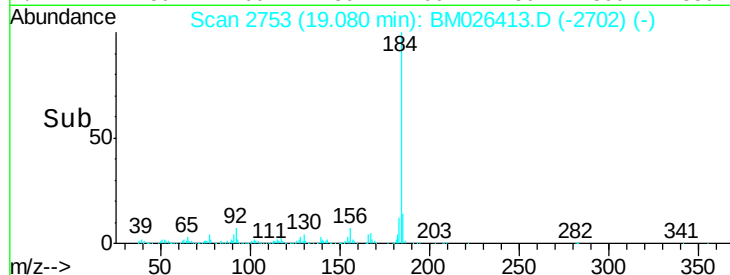
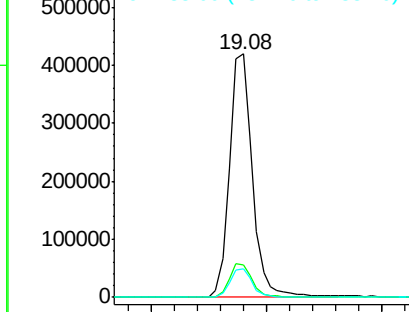
Tot Ion:	184	Resp:	577216
Ion Ratio	Lower	Upper	
184	100		
185	13.6	11.2	16.8
183	11.7	9.4	14.2

Manual Integrations
APPROVED

mohammad
6/18/2020 11:52:31 AM



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 34.631 ng

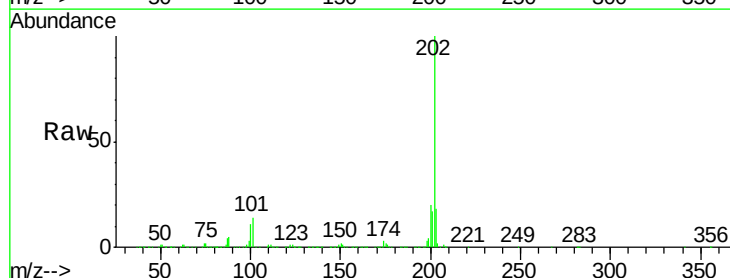
RT: 19.24 min Scan# 2780

Delta R.T. -0.00 min

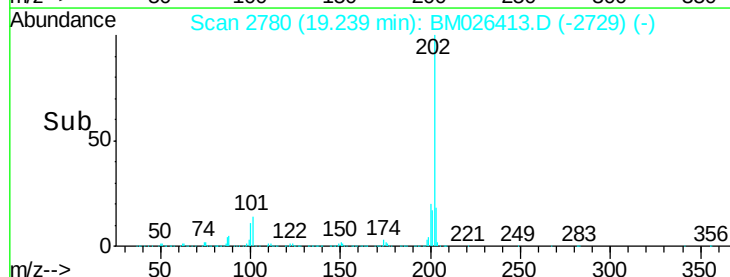
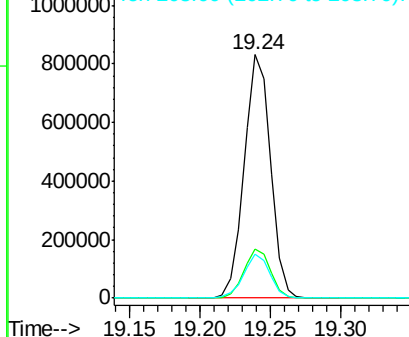
Lab File: BM026413.D

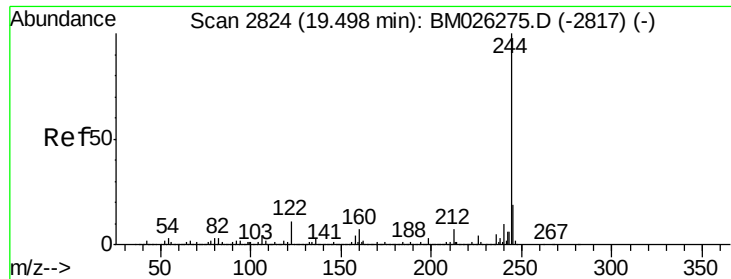
Acq: 16 Jun 2020 15:39

Tgt Ion:	202	Resp:	1086416
Ion Ratio	Lower	Upper	
202	100		
200	20.0	16.3	24.5
203	17.9	13.8	20.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 86.194 ng

RT: 19.46 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BM026413.D

Acq: 16 Jun 2020 15:39

Instrument :

BNA_M

ClientSampleId :

PB129567BS

Tot Ion:244 Resp: 2108210

Ion Ratio Lower Upper

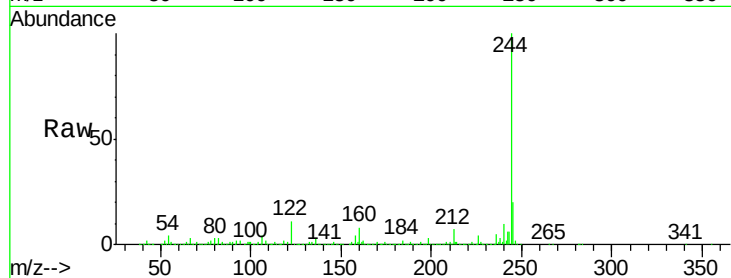
244 100

212 7.4 5.9 8.9

122 10.6 8.6 13.0

Manual Integrations
APPROVED

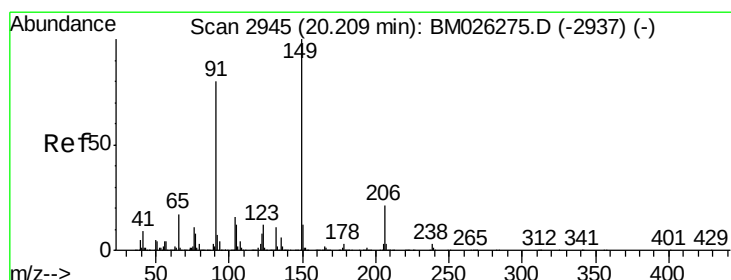
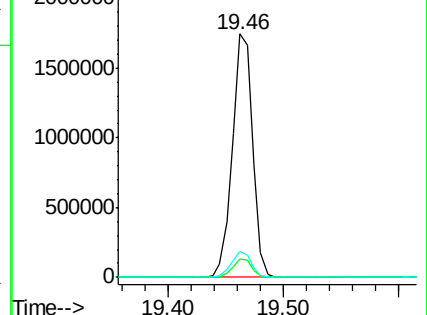
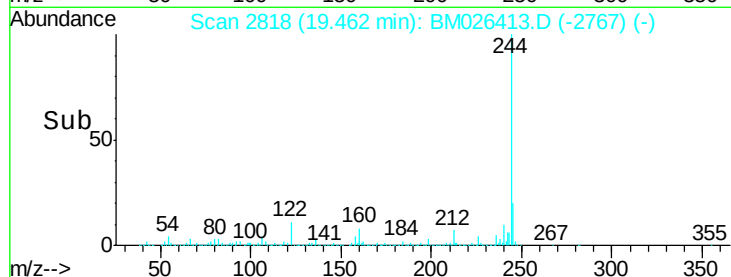
mohammad
6/18/2020 11:52:31 AM



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



#80

Butylbenzylphthalate

Concen: 34.599 ng

RT: 20.17 min Scan# 2939

Delta R.T. -0.00 min

Lab File: BM026413.D

Acq: 16 Jun 2020 15:39

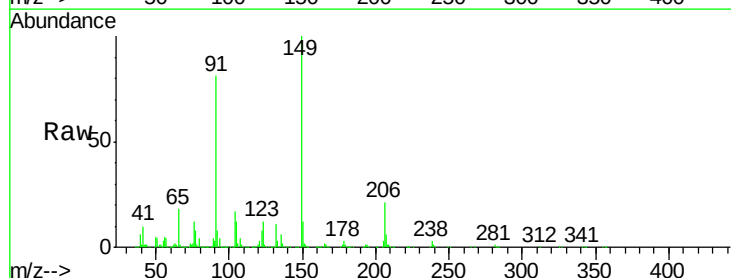
Tgt Ion:149 Resp: 438916

Ion Ratio Lower Upper

149 100

91 81.2 64.6 97.0

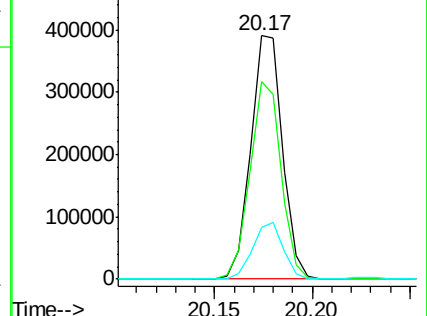
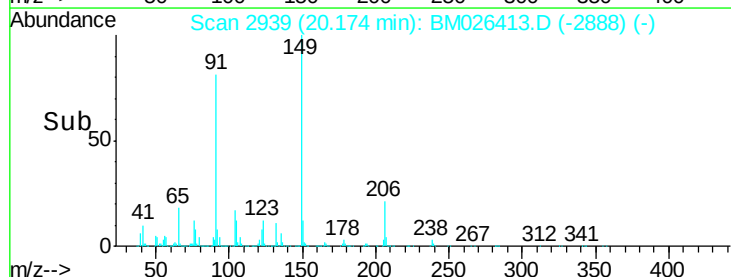
206 21.4 17.6 26.4

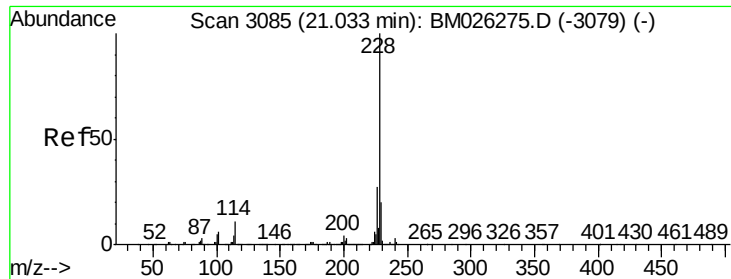


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.770 ng

RT: 21.00 min Scan# 3080

Delta R.T. -0.00 min

Lab File: BM026413.D

Acq: 16 Jun 2020 15:39

Instrument :

BNA_M

ClientSampleId :

PB129567BS

Tot Ion:228 Resp: 1133413

Ion Ratio Lower Upper

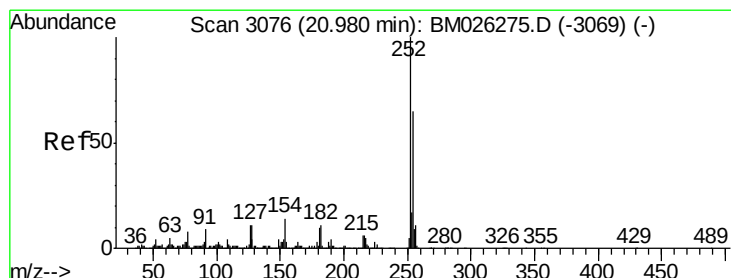
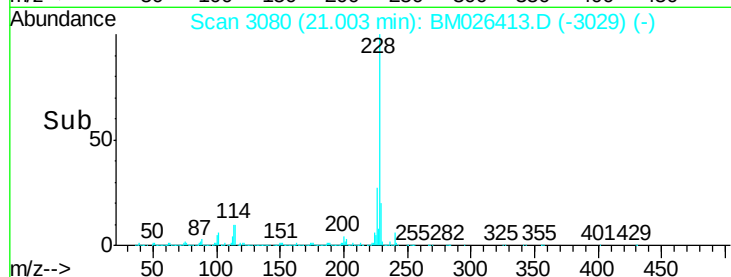
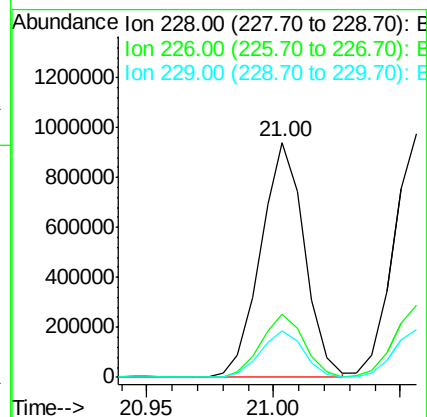
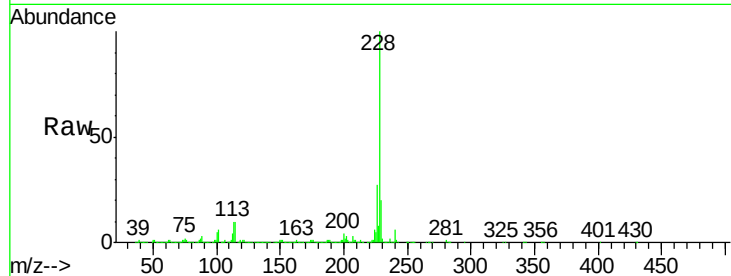
228 100

226 27.0 21.1 31.7

229 19.8 15.7 23.5

Manual Integrations
APPROVED

mohammad
6/18/2020 11:52:31 AM



#82

3,3'-Dichlorobenzidine

Concen: 36.982 ng

RT: 20.95 min Scan# 3071

Delta R.T. 0.01 min

Lab File: BM026413.D

Acq: 16 Jun 2020 15:39

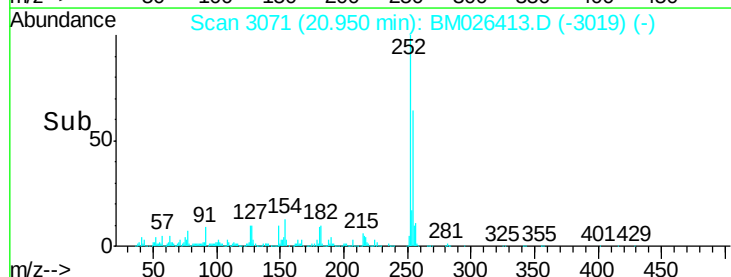
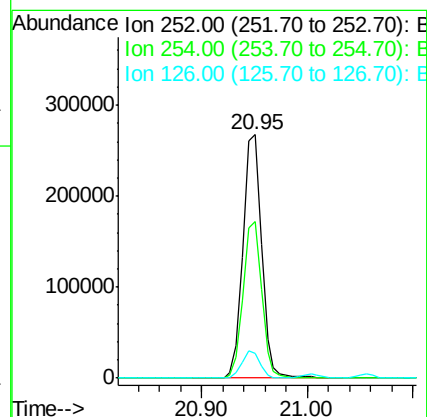
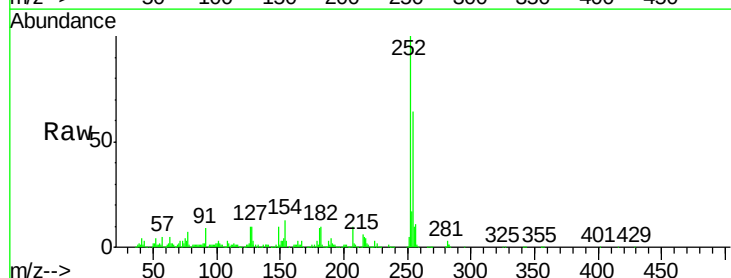
Tgt Ion:252 Resp: 326076

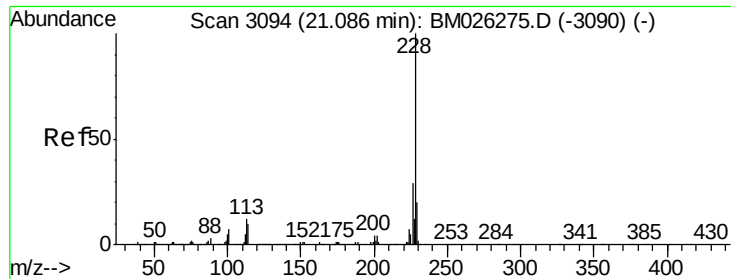
Ion Ratio Lower Upper

252 100

254 64.2 51.0 76.6

126 10.0 9.2 13.8





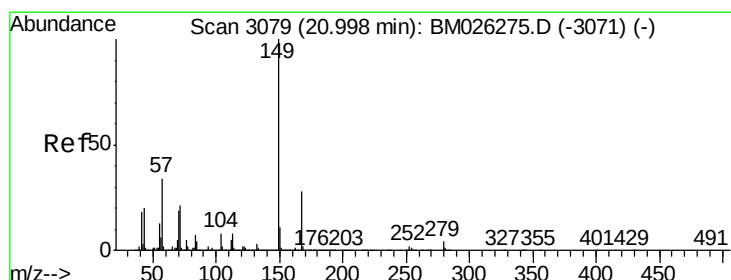
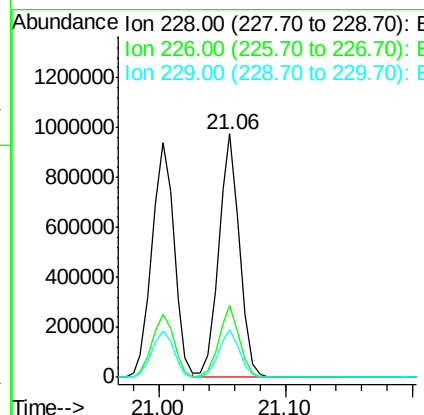
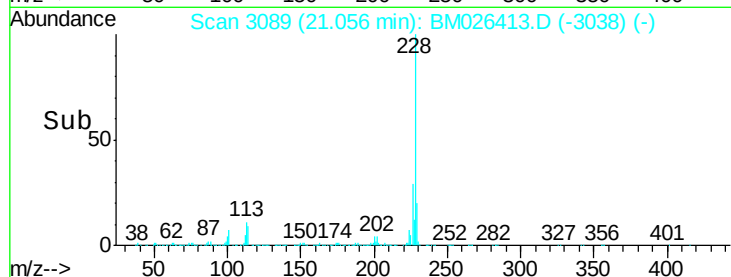
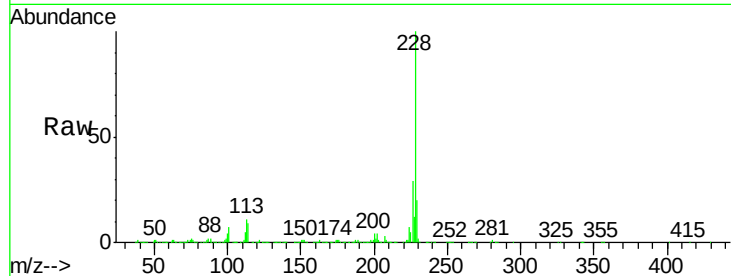
#83
Chrysene
Concen: 40.931 ng
RT: 21.06 min Scan# 3089
Delta R.T. -0.00 min
Lab File: BM026413.D
Acq: 16 Jun 2020 15:39

Instrument :
BNA_M
ClientSampleId :
PB129567BS

Tot Ion:228 Resp: 1111626
Ion Ratio Lower Upper
228 100
226 29.4 23.8 35.6
229 19.5 15.5 23.3

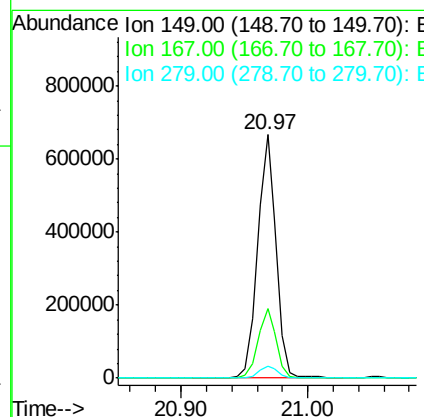
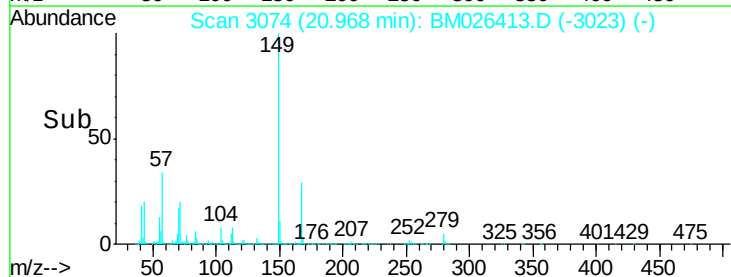
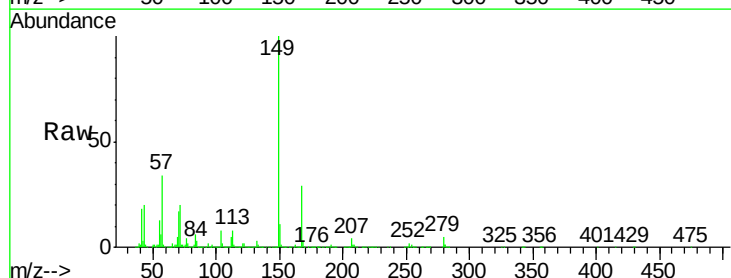
Manual Integrations
APPROVED

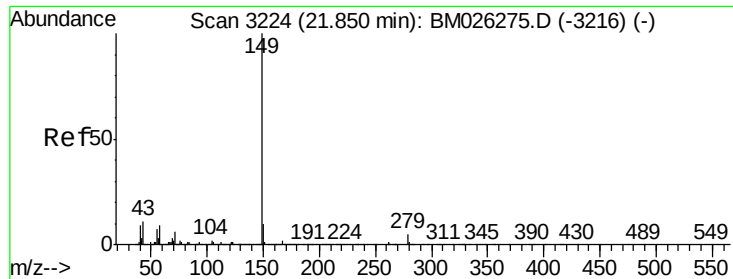
mohammad
6/18/2020 11:52:31 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 37.425 ng
RT: 20.97 min Scan# 3074
Delta R.T. -0.00 min
Lab File: BM026413.D
Acq: 16 Jun 2020 15:39

Tgt Ion:149 Resp: 676964
Ion Ratio Lower Upper
149 100
167 28.7 22.0 33.0
279 4.9 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 42.218 ng

RT: 21.82 min Scan# 3218

Delta R.T. 0.01 min

Lab File: BM026413.D

Acq: 16 Jun 2020 15:39

Instrument :

BNA_M

ClientSampled :

PB129567BS

Tot Ion:149 Resp: 1178064

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

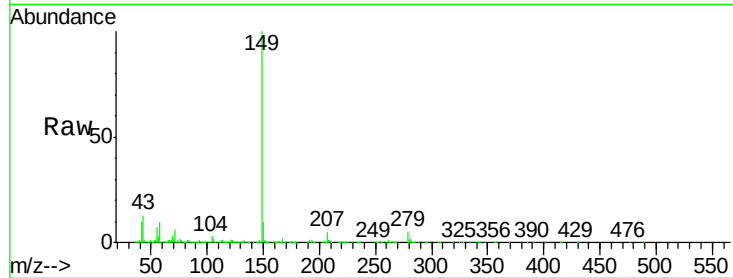
43 12.8 10.3 15.5

Manual Integrations

APPROVED

mohammad

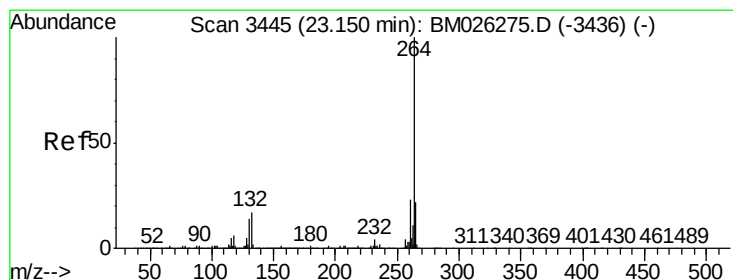
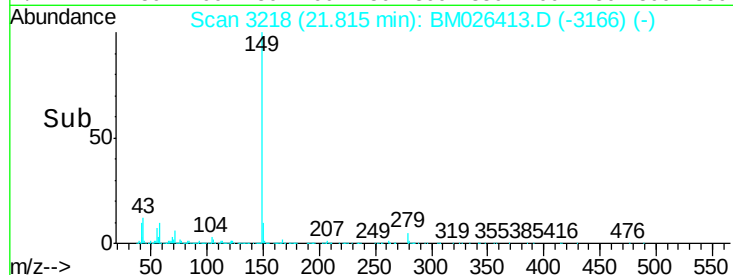
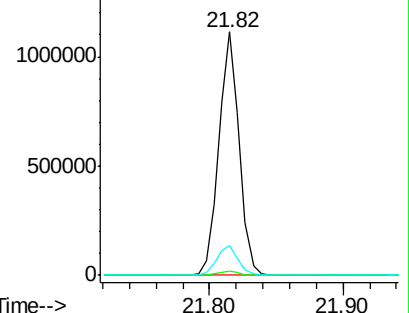
6/18/2020 11:52:31 AM



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.11 min Scan# 3438

Delta R.T. -0.00 min

Lab File: BM026413.D

Acq: 16 Jun 2020 15:39

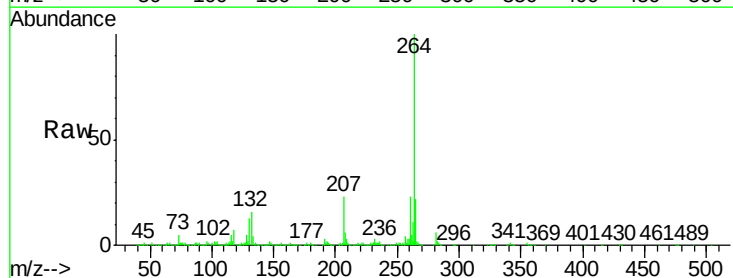
Tgt Ion:264 Resp: 516160

Ion Ratio Lower Upper

264 100

260 22.7 18.6 28.0

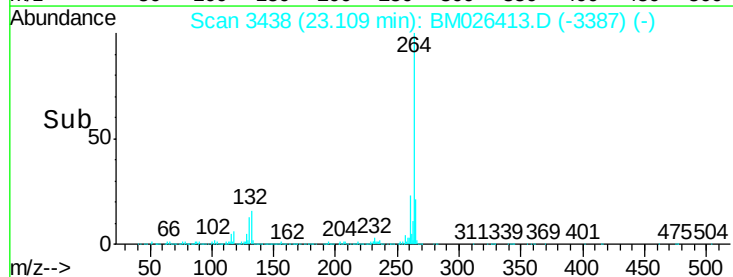
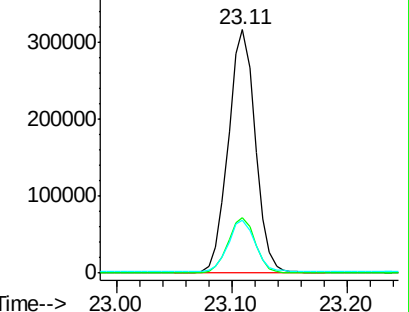
265 21.9 17.8 26.6

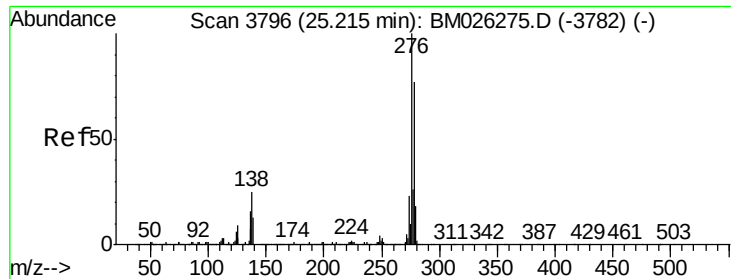


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





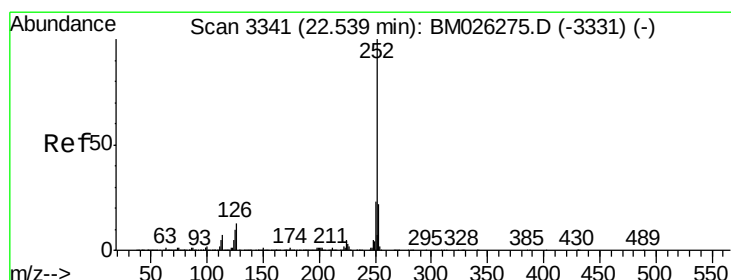
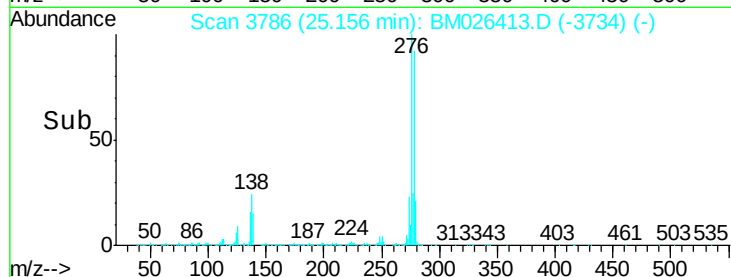
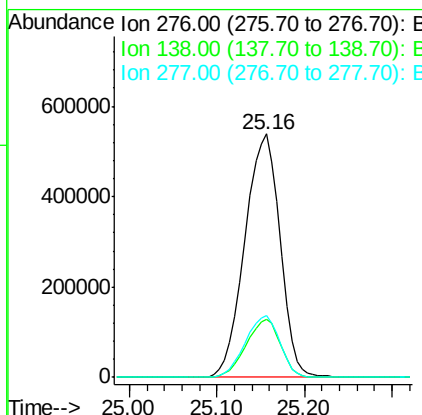
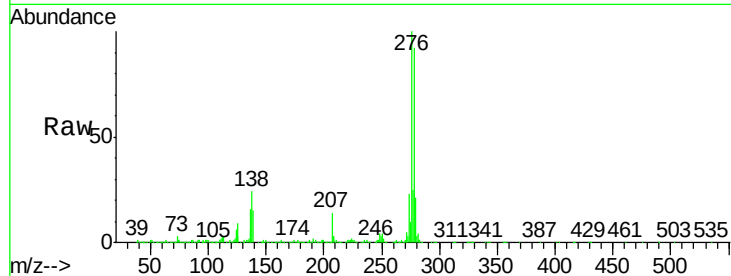
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.331 ng
 RT: 25.16 min Scan# 3786
 Delta R.T. 0.01 min
 Lab File: BM026413.D
 Acq: 16 Jun 2020 15:39

Instrument :
 BNA_M
 ClientSampleId :
 PB129567BS

Tot Ion:276 Resp: 1472918
 Ion Ratio Lower Upper
 276 100
 138 23.4 19.0 28.6
 277 25.2 20.2 30.4

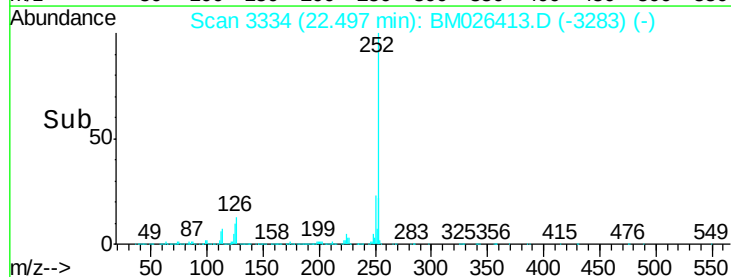
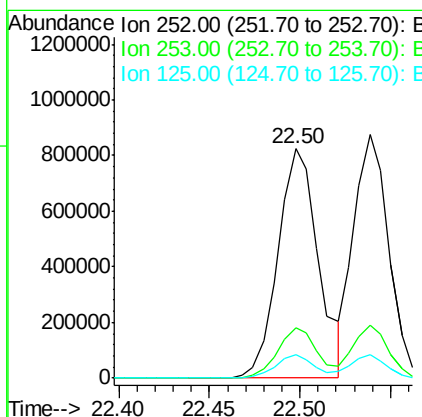
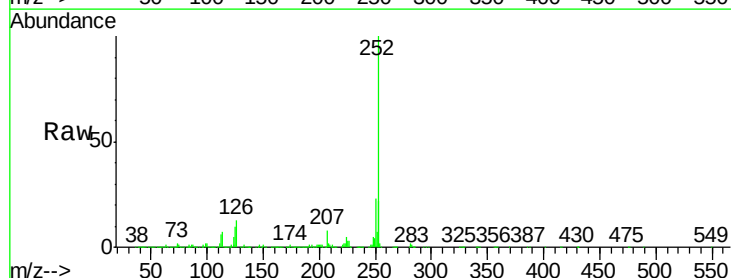
Manual Integrations
 APPROVED

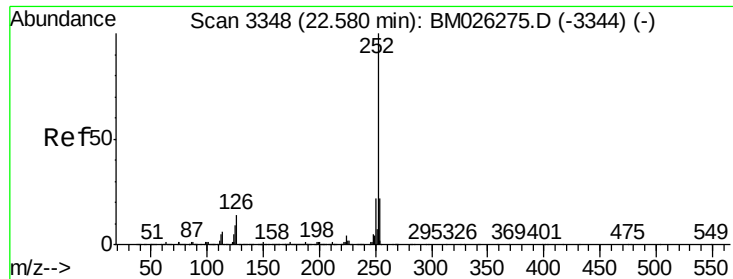
mohammad
 6/18/2020 11:52:31 AM



#88
 Benzo(b)fluoranthene
 Concen: 41.284 ng
 RT: 22.50 min Scan# 3334
 Delta R.T. -0.00 min
 Lab File: BM026413.D
 Acq: 16 Jun 2020 15:39

Tgt Ion:252 Resp: 1281861
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.6 26.4
 125 10.0 8.0 12.0





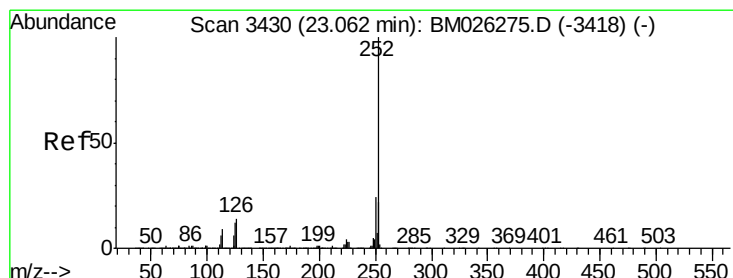
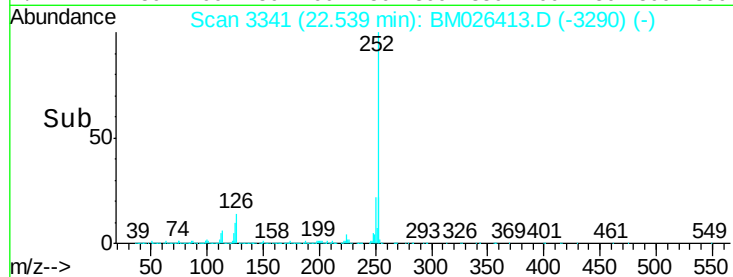
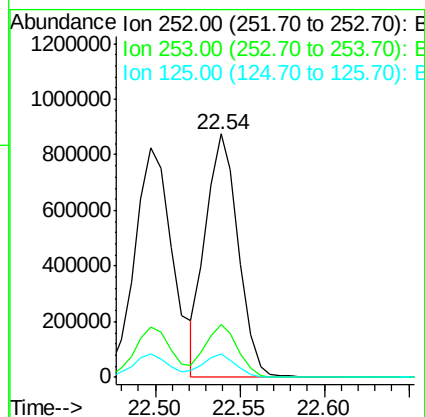
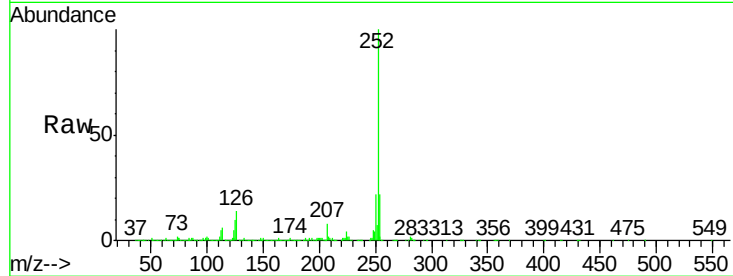
#89
Benzo(k)fluoranthene
Concen: 38.836 ng
RT: 22.54 min Scan# 3341
Delta R.T. -0.00 min
Lab File: BM026413.D
Acq: 16 Jun 2020 15:39

Instrument :
BNA_M
ClientSampleId :
PB129567BS

Tot Ion:252 Resp: 1171513
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 9.9 7.8 11.8

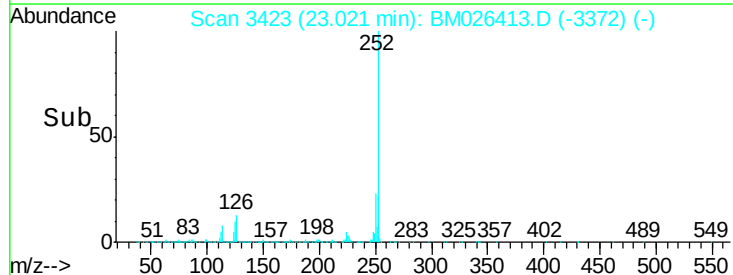
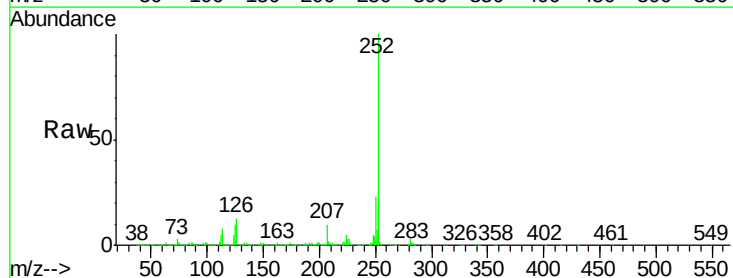
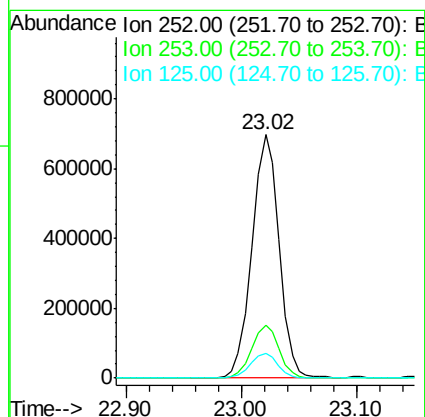
Manual Integrations
APPROVED

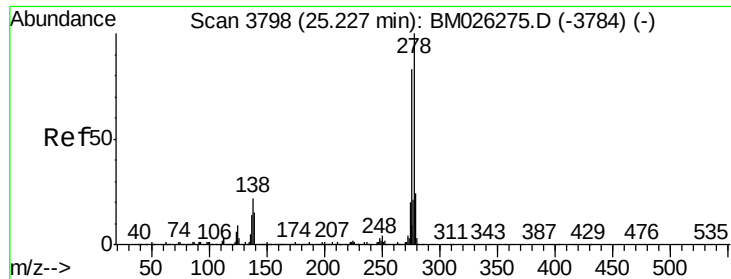
mohammad
6/18/2020 11:52:31 AM



#90
Benzo(a)pyrene
Concen: 41.463 ng
RT: 23.02 min Scan# 3423
Delta R.T. -0.00 min
Lab File: BM026413.D
Acq: 16 Jun 2020 15:39

Tgt Ion:252 Resp: 1143447
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 10.4 8.6 12.8





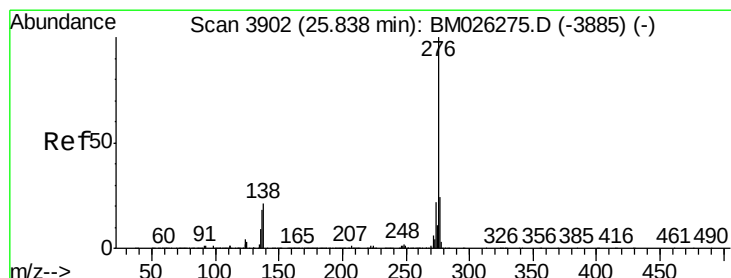
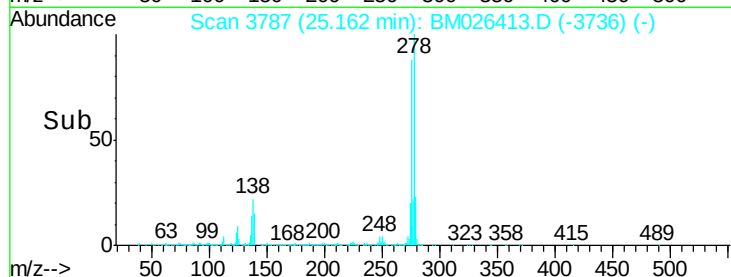
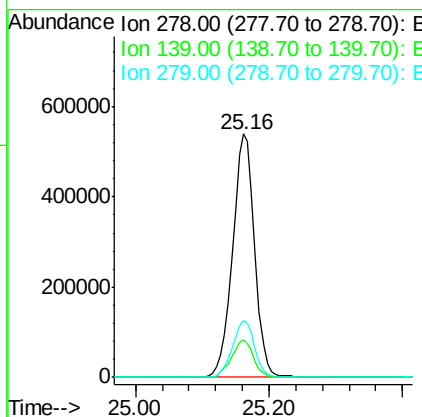
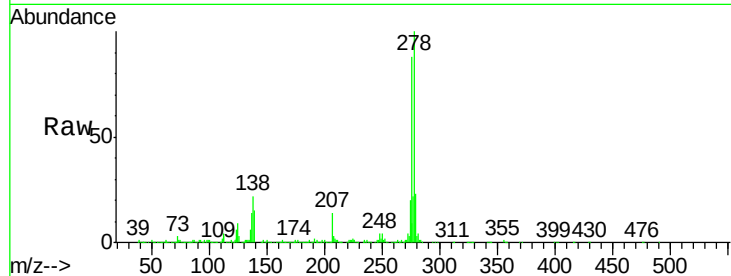
#91
Dibenzo(a,h)anthracene
Concen: 49.773 ng
RT: 25.16 min Scan# 3787
Delta R.T. -0.00 min
Lab File: BM026413.D
Acq: 16 Jun 2020 15:39

Instrument :
BNA_M
ClientSampleId :
PB129567BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.2	12.3	18.5
279	23.4	18.9	28.3

Manual Integrations
APPROVED

mohammad
6/18/2020 11:52:31 AM



#92
Benzo(g,h,i)perylene
Concen: 50.860 ng
RT: 25.77 min Scan# 3891
Delta R.T. 0.01 min
Lab File: BM026413.D
Acq: 16 Jun 2020 15:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	20.2	16.2	24.4

