

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053019\
 Data File : BM020608.D
 Acq On : 29 May 2019 20:25
 Operator : JU/SJ
 Sample : K2746-02MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-5.8.19MSD

Manual Integrations
 APPROVED

mohammad
 5/30/2019 8:16:38 AM

Quant Time: May 30 02:32:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 30 02:15:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	57463	20.00	ng	0.00
21) Naphthalene-d8	10.41	136	201108	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	138810	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	352390	20.00	ng	0.00
76) Chrysene-d12	21.24	240	427771	20.00	ng	0.00
87) Perylene-d12	23.46	264	475960	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	393743	134.43	ng	0.00
7) Phenol-d6	6.80	99	537081	121.48	ng	0.00
23) Nitrobenzene-d5	8.80	82	366454	76.48	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	326975	117.57	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	806712	72.92	ng	0.00
79) Terphenyl-d14	19.67	244	1624251	68.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.13	88	58528	38.185	ng	97
3) Pyridine	3.53	79	144553	32.254	ng	96
4) n-Nitrosodimethylamine	3.46	42	41973	38.614	ng	# 95
6) Aniline	6.97	93	93120	14.561	ng	98
8) 2-Chlorophenol	7.19	128	143522	40.071	ng	97
9) Benzaldehyde	6.79	77	43827m	15.528	ng	
10) Phenol	6.83	94	197954	41.465	ng	98
11) bis(2-Chloroethyl)ether	7.06	93	122399	34.357	ng	100
12) 1,3-Dichlorobenzene	7.51	146	161003	35.100	ng	98
13) 1,4-Dichlorobenzene	7.66	146	160950	35.105	ng	99
14) 1,2-Dichlorobenzene	7.97	146	161019	35.031	ng	97
15) Benzyl Alcohol	7.88	79	134308m	32.831	ng	
16) 2,2'-oxybis(1-Chloropropan	8.16	45	82381	33.177	ng	94
17) 2-Methylphenol	8.07	107	113414	35.985	ng	98
18) Hexachloroethane	8.68	117	67611	36.404	ng	97
19) n-Nitroso-di-n-propylamine	8.43	70	129608	33.016	ng	99
20) 3+4-Methylphenols	8.40	107	145018	34.310	ng	99
22) Acetophenone	8.46	105	208071	37.572	ng	98
24) Nitrobenzene	8.84	77	187529	39.631	ng	96
25) Isophorone	9.36	82	348270	39.064	ng	99
26) 2-Nitrophenol	9.54	139	66093	37.854	ng	97
27) 2,4-Dimethylphenol	9.60	122	111176	42.745	ng	97
28) bis(2-Chloroethoxy)methane	9.84	93	164787	35.507	ng	98
29) 2,4-Dichlorophenol	10.07	162	137218	39.667	ng	98
30) 1,2,4-Trichlorobenzene	10.27	180	187761	39.697	ng	96
31) Naphthalene	10.46	128	406031	39.102	ng	99
32) Benzoic acid	9.71	122	13763m	16.323	ng	
33) 4-Chloroaniline	10.60	127	54937m	13.255	ng	
34) Hexachlorobutadiene	10.72	225	146296	41.601	ng	98
35) Caprolactam	11.40	113	35686m	31.345	ng	
36) 4-Chloro-3-methylphenol	11.72	107	138367	36.756	ng	97
37) 2-Methylnaphthalene	12.09	142	301307	37.982	ng	98
38) 1-Methylnaphthalene	12.30	142	293518	38.188	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.45	216	246638	42.267	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053019\
 Data File : BM020608.D
 Acq On : 29 May 2019 20:25
 Operator : JU/SJ
 Sample : K2746-02MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-5.8.19MSD

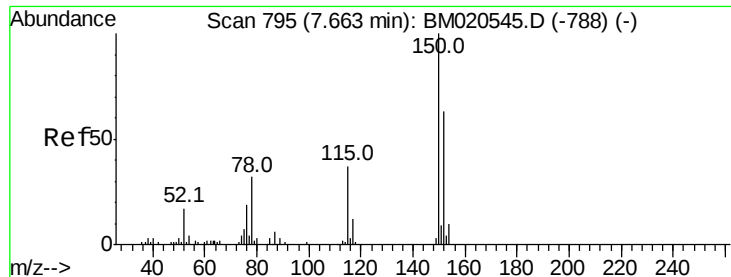
Manual Integrations
 APPROVED

mohammad
 5/30/2019 8:16:38 AM

Quant Time: May 30 02:32:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 30 02:15:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	98704	39.238	nq	99
43) 2,4,6-Trichlorophenol	12.71	196	143655	39.782	nq	95
44) 2,4,5-Trichlorophenol	12.79	196	139701	41.428	nq	99
46) 1,1'-Biphenyl	13.11	154	415622	38.877	nq	98
47) 2-Chloronaphthalene	13.16	162	345517	38.125	nq	98
48) 2-Nitroaniline	13.39	65	82699	31.256	nq	96
49) Acenaphthylene	14.01	152	513230	37.239	nq	98
50) Dimethylphthalate	13.76	163	522751	42.517	nq	100
51) 2,6-Dinitrotoluene	13.89	165	93857	36.626	nq	91
52) Acenaphthene	14.35	154	305944	36.837	nq	97
53) 3-Nitroaniline	14.23	138	41391	21.595	nq	97
54) 2,4-Dinitrophenol	14.44	184	50805	37.209	nq	90
55) Dibenzofuran	14.69	168	550082	38.275	nq	98
56) 4-Nitrophenol	14.54	139	103033	62.877	nq	97
57) 2,4-Dinitrotoluene	14.68	165	130679	35.313	nq	93
58) Fluorene	15.34	166	435093	36.444	nq	100
59) 2,3,4,6-Tetrachlorophenol	14.92	232	160802	40.981	nq	98
60) Diethylphthalate	15.12	149	431729	35.639	nq	100
61) 4-Chlorophenyl-phenylether	15.34	204	280301	36.777	nq	100
62) 4-Nitroaniline	15.40	138	52974m	24.593	nq	
63) Azobenzene	15.63	77	435735	36.965	nq	97
65) 4,6-Dinitro-2-methylphenol	15.44	198	61420	30.218	nq	97
66) n-Nitrosodiphenylamine	15.56	169	374359	39.180	nq	97
67) 4-Bromophenyl-phenylether	16.23	248	179662	38.271	nq	98
68) Hexachlorobenzene	16.33	284	222376	39.070	nq	98
69) Atrazine	16.52	200	145553	37.025	nq	98
70) Pentachlorophenol	16.69	266	264741	90.049	nq	99
71) Phenanthrene	17.09	178	714715	37.334	nq	99
72) Anthracene	17.17	178	669680	36.072	nq	99
73) Carbazole	17.46	167	565081	35.467	nq	100
74) Di-n-butylphthalate	18.00	149	708890	36.170	nq	99
75) Fluoranthene	19.10	202	991886	37.259	nq	99
77) Benzidine	19.32	184	119488m	15.199	nq	
78) Pyrene	19.47	202	1009695	37.597	nq	99
80) Butylbenzylphthalate	20.37	149	330043	34.977	nq	97
81) Benzo(a)anthracene	21.23	228	1058868	35.765	nq	100
82) 3,3'-Dichlorobenzidine	21.17	252	323855	29.969	nq	98
83) Chrysene	21.28	228	1090652	38.124	nq	100
84) Bis(2-ethylhexyl)phthalate	21.14	149	489462	35.590	nq	98
85) Di-n-octyl phthalate	22.02	149	862312	36.067	nq	100
86) Indeno(1,2,3-cd)pyrene	25.71	276	1436833	41.539	nq	99
88) Benzo(b)fluoranthene	22.79	252	1148222	36.858	nq	99
89) Benzo(k)fluoranthene	22.84	252	1202442	39.770	nq	99
90) Benzo(a)pyrene	23.37	252	1131160	39.459	nq	99
91) Dibenzo(a,h)anthracene	25.73	278	1225224	41.753	nq	98
92) Benzo(g,h,i)perylene	26.41	276	1179401	43.357	nq	98

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



#1

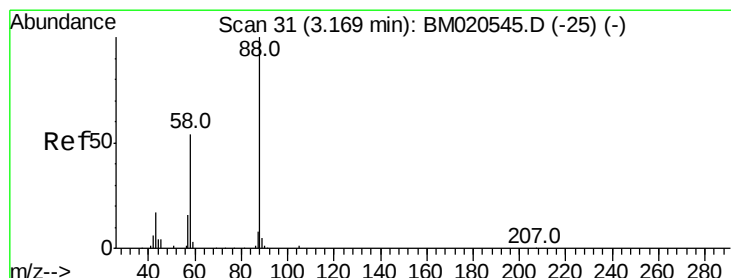
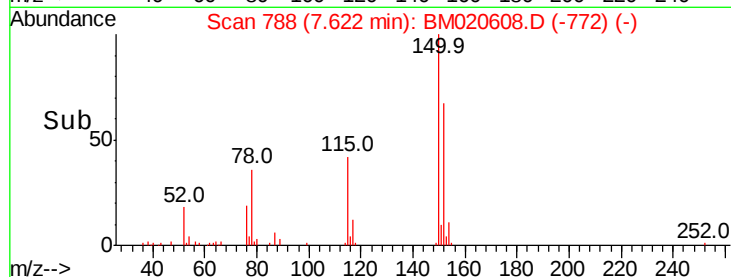
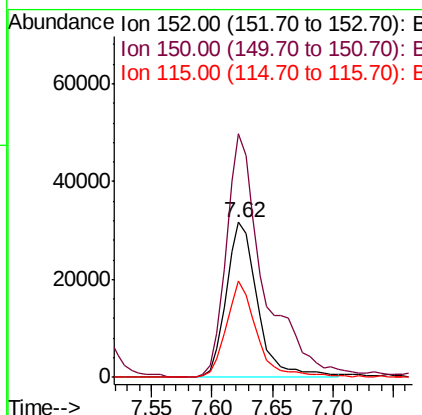
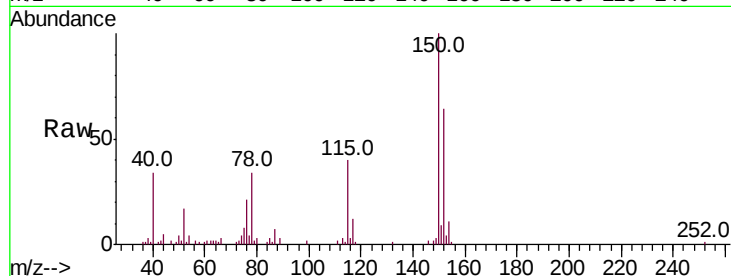
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 788
Delta R.T. -0.01 min
Lab File: BM020608.D
Acq: 29 May 2019 20:25

Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	126.6	190.0
115	62.4	46.6	70.0

Manual Integrations
APPROVED

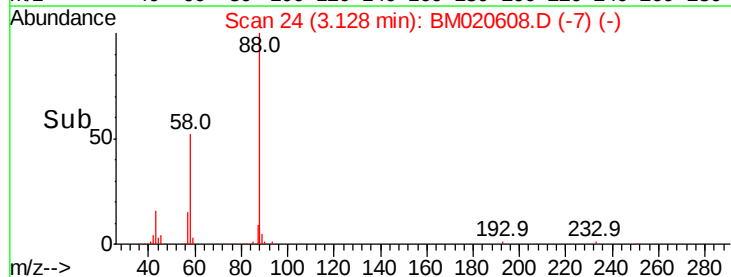
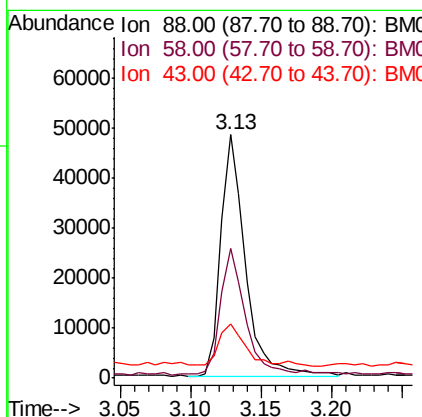
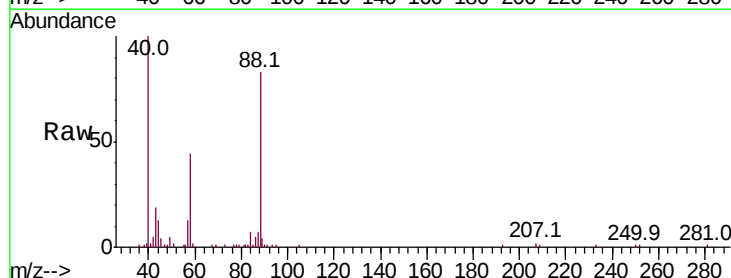
mohammad
5/30/2019 8:16:38 AM

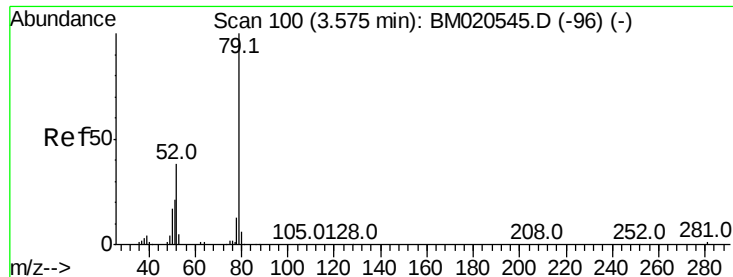


#2

1,4-Dioxane
Concen: 38.185 ng
RT: 3.13 min Scan# 24
Delta R.T. -0.00 min
Lab File: BM020608.D
Acq: 29 May 2019 20:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	51.4	42.3	63.5
43	17.9	16.0	24.0





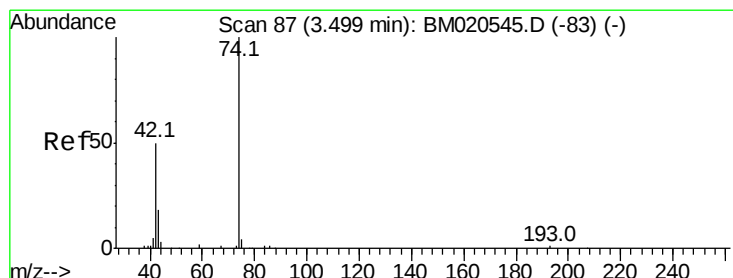
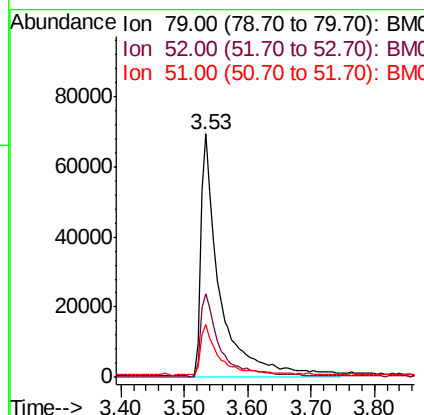
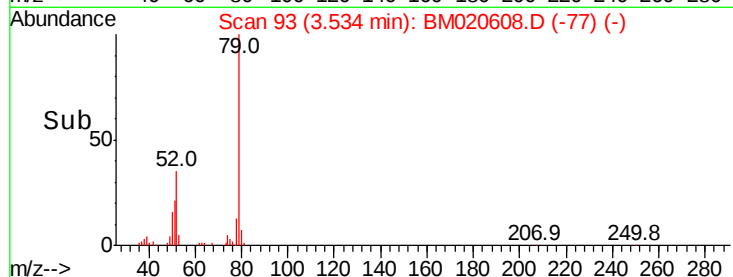
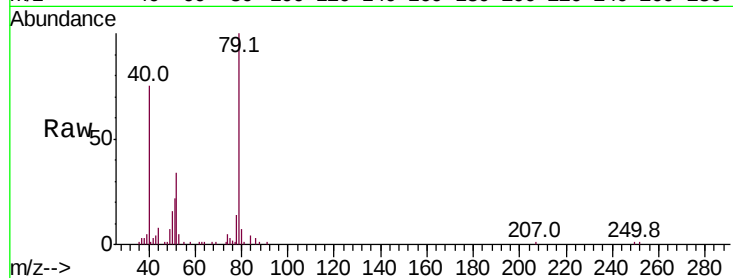
#3
 Pvridine
 Concen: 32.254 ng
 RT: 3.53 min Scan# 93
 Delta R.T. -0.01 min
 Lab File: BM020608.D
 Acq: 29 May 2019 20:25

Instrument :
 BNA_M
 ClientSampleId :
 COMP-5.8.19MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	34.5	30.1	45.1
51	21.7	17.8	26.8

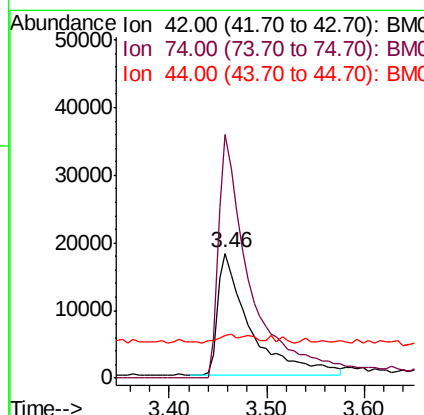
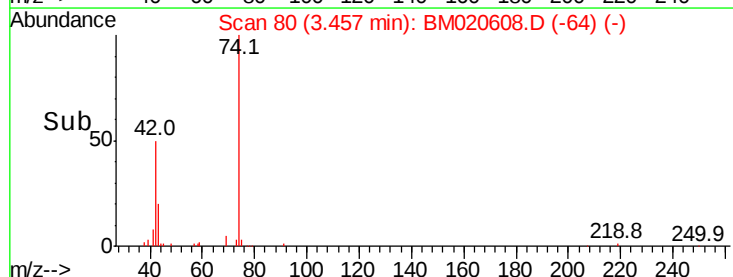
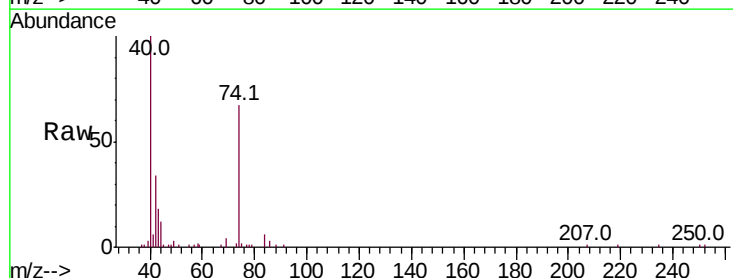
Manual Integrations
 APPROVED

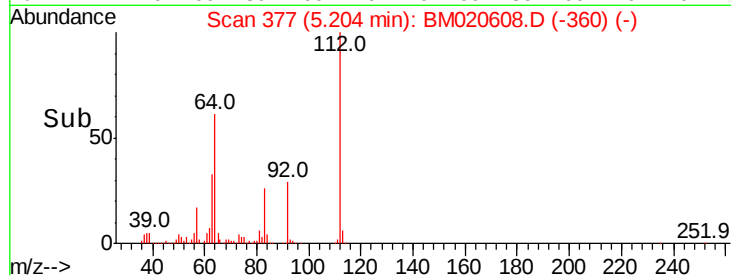
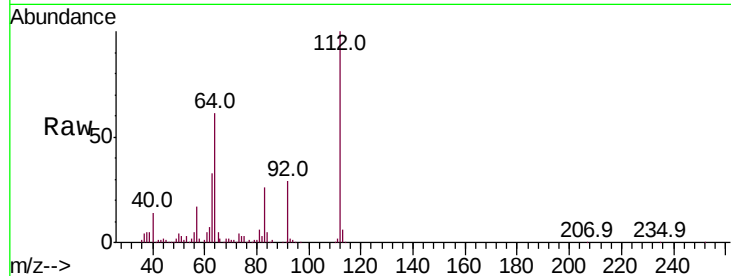
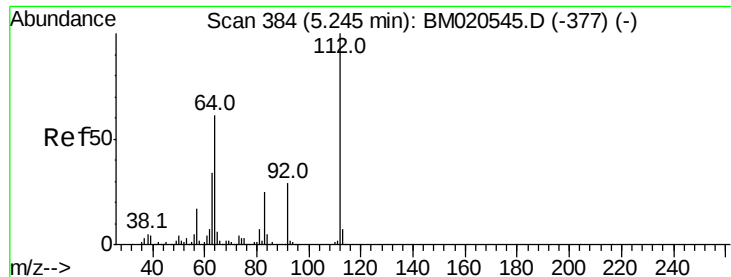
mohammad
 5/30/2019 8:16:38 AM



#4
 n-Nitrosodimethylamine
 Concen: 38.614 ng
 RT: 3.46 min Scan# 80
 Delta R.T. -0.01 min
 Lab File: BM020608.D
 Acq: 29 May 2019 20:25

Tgt Ion	Ratio	Lower	Upper
42	100		
74	195.0	161.1	241.7
44	34.0	20.9	31.3#





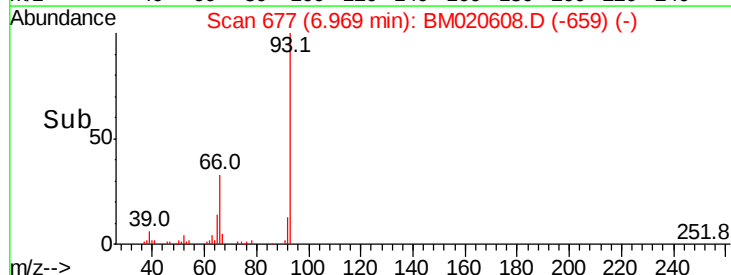
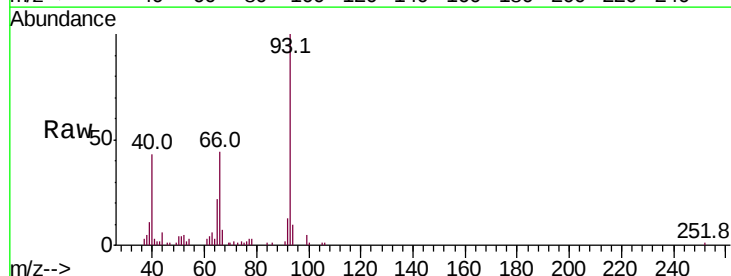
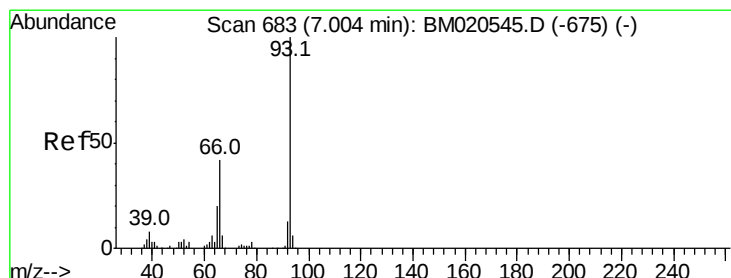
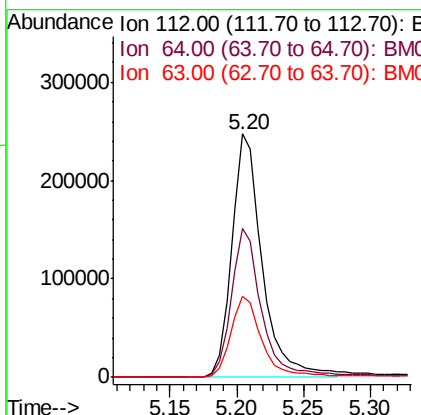
#5
2-Fluorophenol
Concen: 134.426 ng
RT: 5.20 min Scan# 377
Delta R.T. -0.00 min
Lab File: BM020608.D
Acq: 29 May 2019 20:25

Tot Ion	Ratio	Resp	Lower	Upper
112	100	393743		
64	61.0	48.6	73.0	
63	33.2	27.4	41.0	

Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MSD

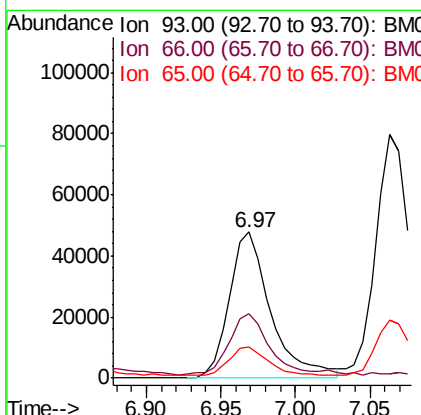
Manual Integrations
APPROVED

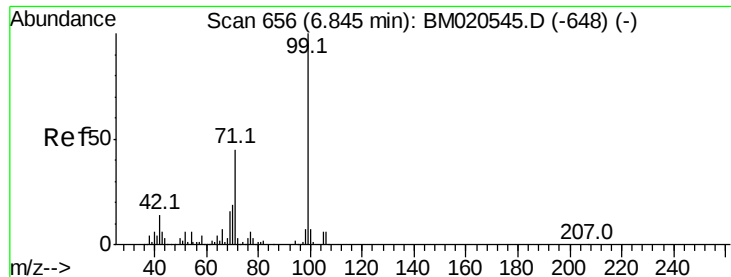
mohammad
5/30/2019 8:16:38 AM



#6
Aniline
Concen: 14.561 ng
RT: 6.97 min Scan# 677
Delta R.T. 0.01 min
Lab File: BM020608.D
Acq: 29 May 2019 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	93120		
66	44.1	34.5	51.7	
65	21.7	16.2	24.2	





#7

Phenol-d6

Concen: 121.484 ng

RT: 6.80 min Scan# 649

Delta R.T. -0.00 min

Lab File: BM020608.D

Acq: 29 May 2019 20:25

Instrument :

BNA_M

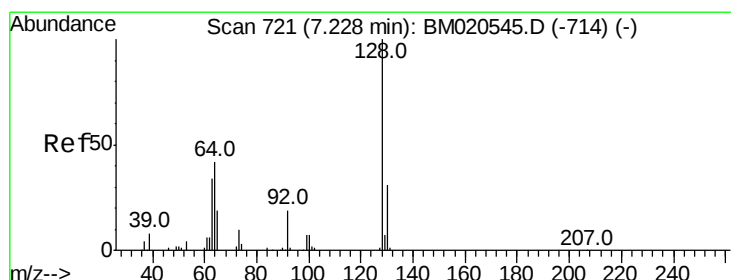
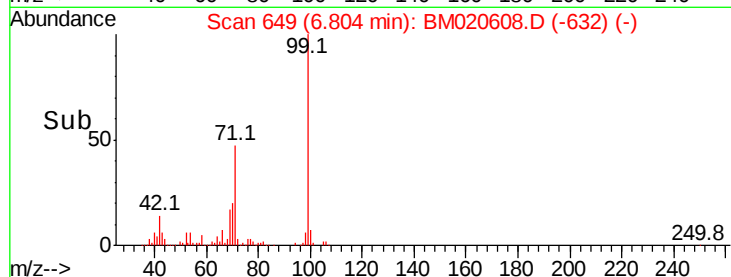
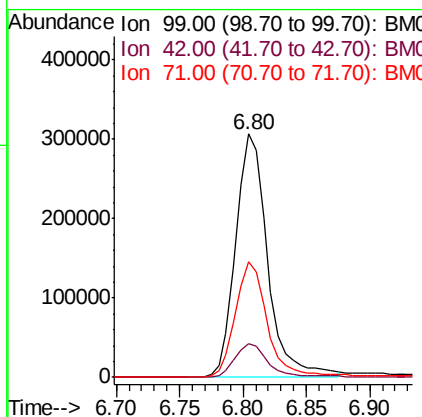
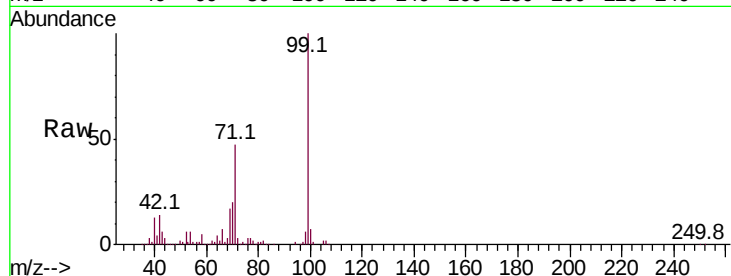
ClientSampleId :

COMP-5.8.19MSD

Tot Ion:	99	Resp:	537081
Ion Ratio	Lower	Upper	
99	100		
42	13.9	10.8	16.2
71	47.3	36.3	54.5

Manual Integrations
APPROVED

mohammad
5/30/2019 8:16:38 AM



#8

2-Chlorophenol

Concen: 40.071 ng

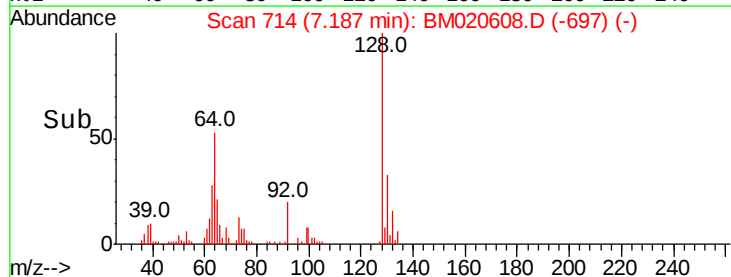
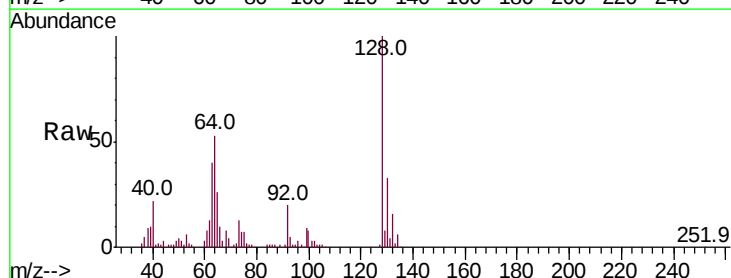
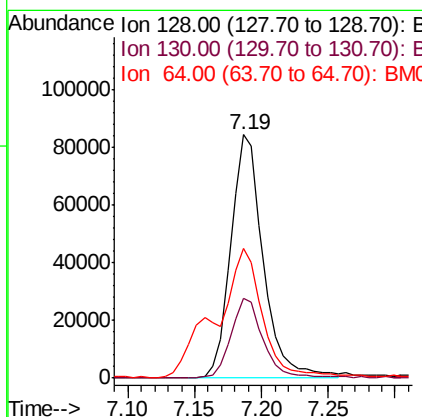
RT: 7.19 min Scan# 714

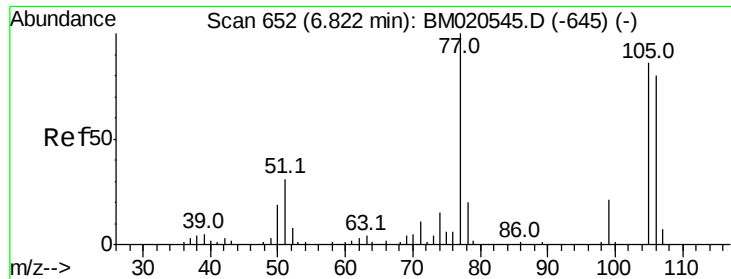
Delta R.T. -0.00 min

Lab File: BM020608.D

Acq: 29 May 2019 20:25

Tgt Ion:	128	Resp:	143522
Ion Ratio	Lower	Upper	
128	100		
130	32.9	11.2	51.2
64	53.5	31.1	71.1





#9

Benzaldehyde

Concen: 15.528 ng/mL

RT: 6.79 min Scan# 646

Delta R.T. -0.00 min

Lab File: BM020608.D

Acq: 29 May 2019 20:25

Instrument :

BNA_M

ClientSampled :

COMP-5.8.19MSD

Tot Ion: 77 Resp: 43827

Ion Ratio Lower Upper

77 100

105 78.9 66.1 106.1

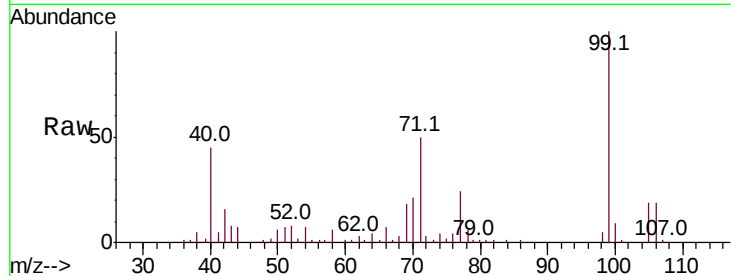
106 76.2 60.0 100.0

Manual Integrations

APPROVED

mohammad

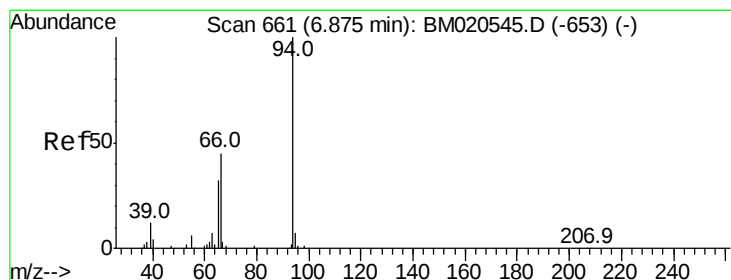
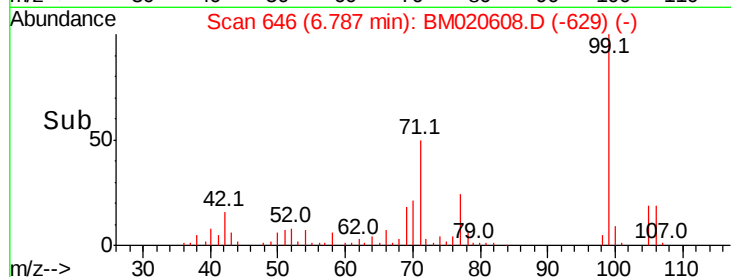
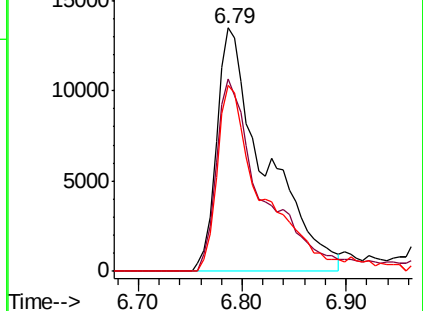
5/30/2019 8:16:38 AM



Abundance Ion 77.00 (76.70 to 77.70): BM020545.D (-645) (-)

Ion 105.00 (104.70 to 105.70): BM020545.D (-645) (-)

Ion 106.00 (105.70 to 106.70): BM020545.D (-645) (-)



#10

Phenol

Concen: 41.465 ng/mL

RT: 6.83 min Scan# 654

Delta R.T. -0.00 min

Lab File: BM020608.D

Acq: 29 May 2019 20:25

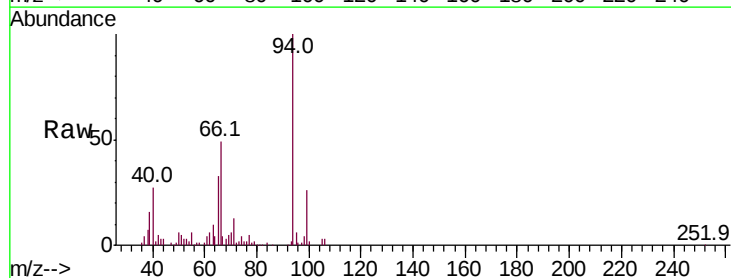
Tgt Ion: 94 Resp: 197954

Ion Ratio Lower Upper

94 100

65 32.8 12.4 52.4

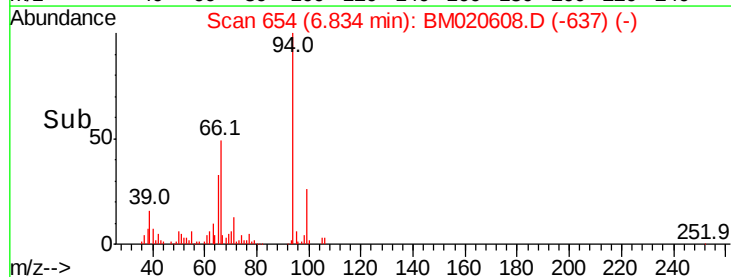
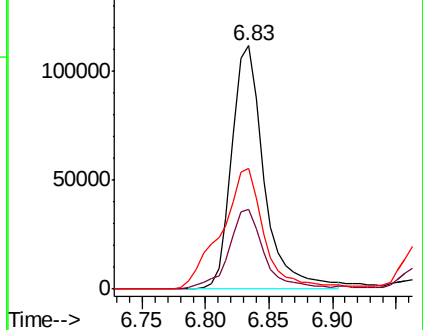
66 49.5 27.4 67.4

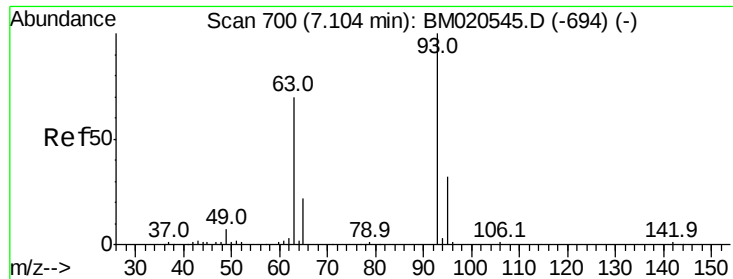


Abundance Ion 94.00 (93.70 to 94.70): BM020545.D (-653) (-)

Ion 65.00 (64.70 to 65.70): BM020545.D (-653) (-)

Ion 66.00 (65.70 to 66.70): BM020545.D (-653) (-)





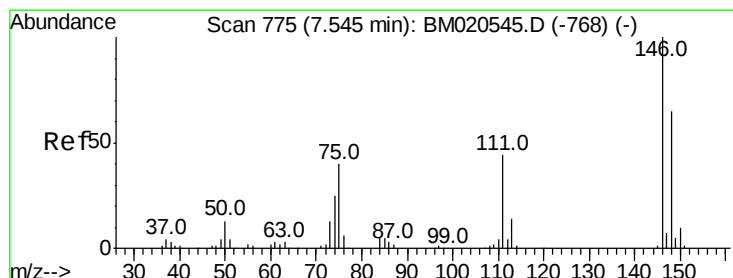
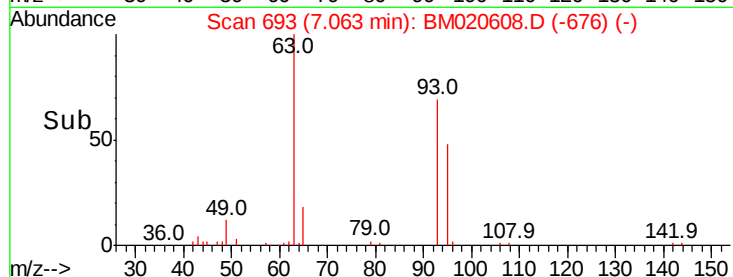
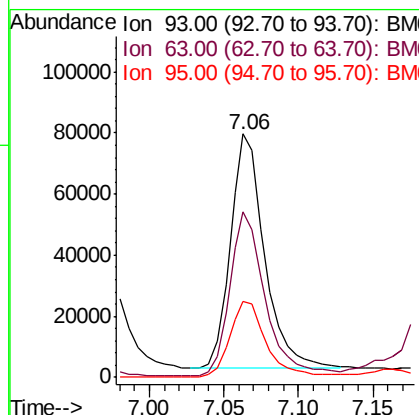
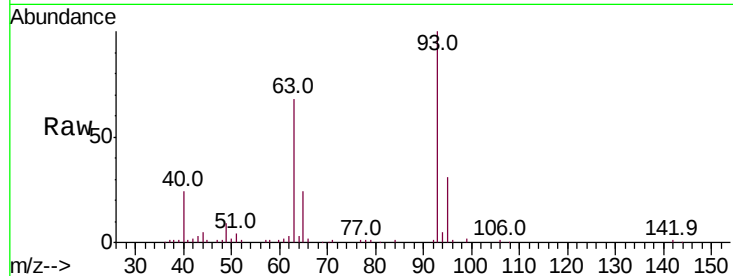
#11
 bis(2-Chloroethyl)ether
 Concen: 34.357 ng
 RT: 7.06 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: BM020608.D
 Acq: 29 May 2019 20:25

Instrument :
 BNA_M
 ClientSampleId :
 COMP-5.8.19MSD

Tot Ion:	93	Resp:	122399
Ion Ratio	Lower	Upper	
93	100		
63	67.9	47.6	87.6
95	31.0	10.9	50.9

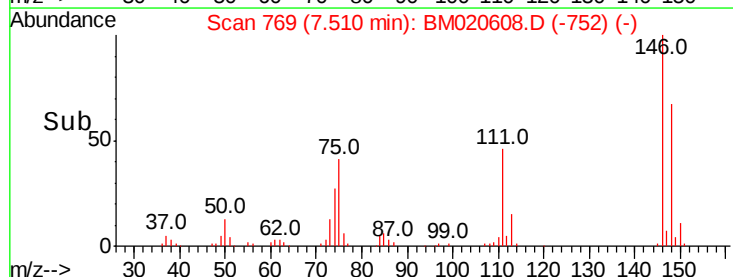
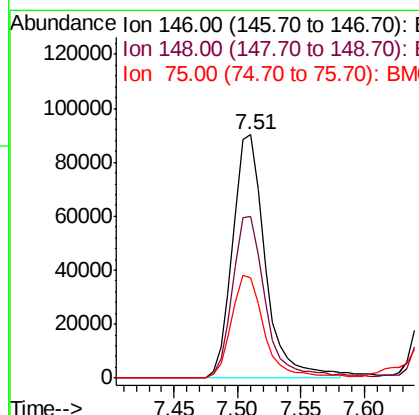
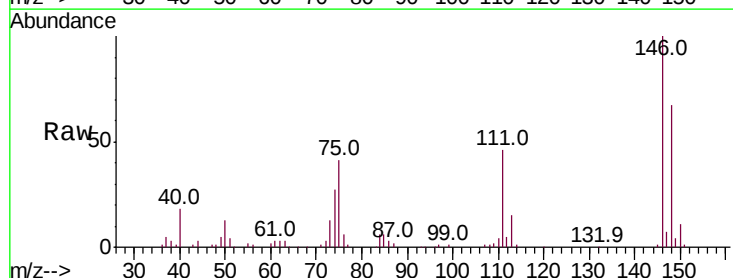
Manual Integrations
 APPROVED

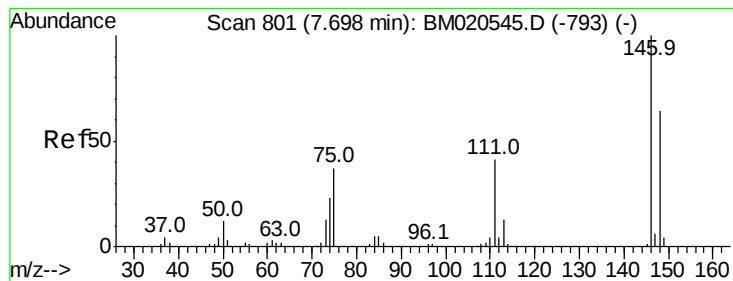
mohammad
 5/30/2019 8:16:38 AM



#12
 1,3-Dichlorobenzene
 Concen: 35.100 ng
 RT: 7.51 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BM020608.D
 Acq: 29 May 2019 20:25

Tgt Ion:	146	Resp:	161003
Ion Ratio	Lower	Upper	
146	100		
148	66.5	51.9	77.9
75	41.1	31.6	47.4





#13

1,4-Dichlorobenzene

Concen: 35.105 ng

RT: 7.66 min Scan# 794

Delta R.T. -0.00 min

Lab File: BM020608.D

Acq: 29 May 2019 20:25

Instrument :

BNA_M

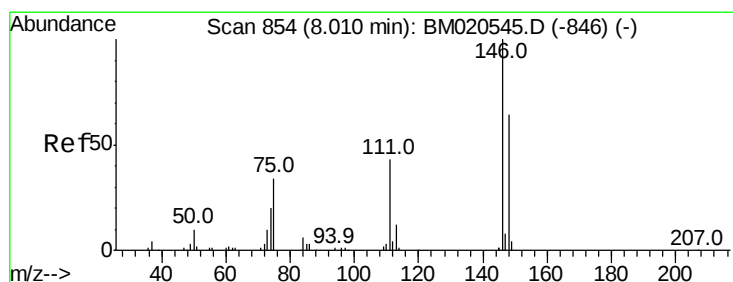
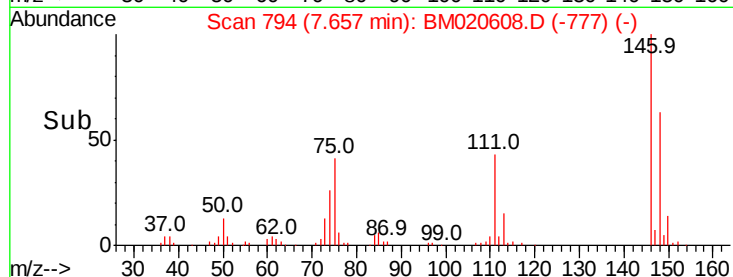
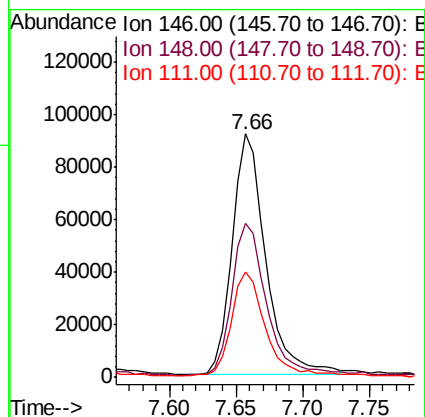
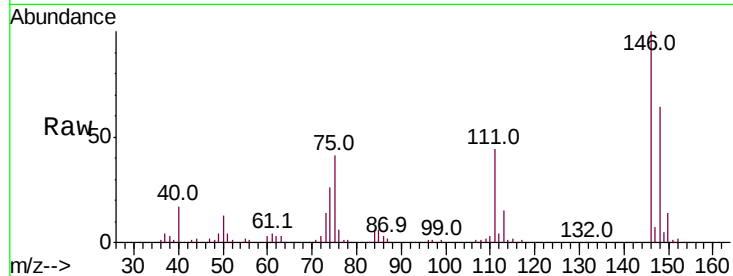
ClientSampleId :

COMP-5.8.19MSD

Tot Ion:	146	Resp:	160950
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.1	76.7
111	43.5	33.5	50.3

Manual Integrations
APPROVED

mohammad
5/30/2019 8:16:38 AM



#14

1,2-Dichlorobenzene

Concen: 35.031 ng

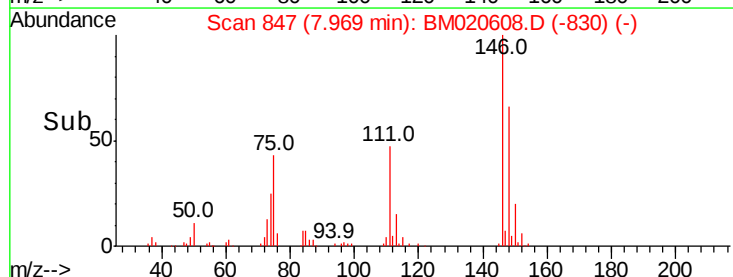
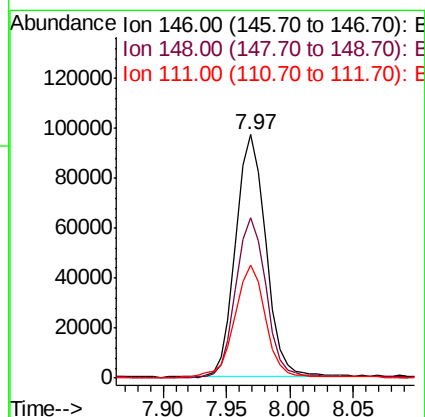
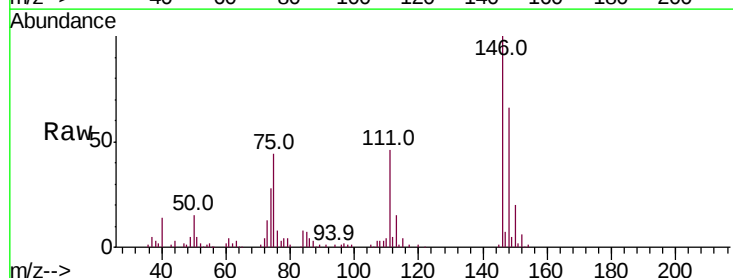
RT: 7.97 min Scan# 847

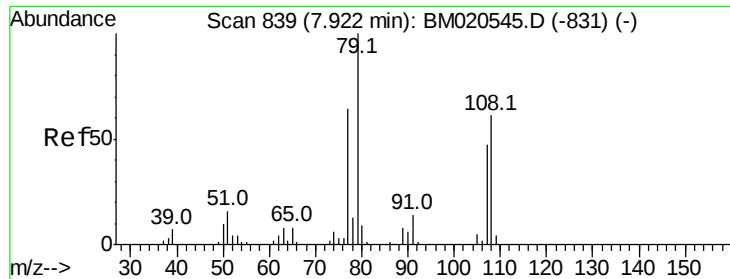
Delta R.T. -0.00 min

Lab File: BM020608.D

Acq: 29 May 2019 20:25

Tgt Ion:	146	Resp:	161019
Ion Ratio	Lower	Upper	
146	100		
148	65.9	51.2	76.8
111	46.3	35.2	52.8





#15

Benzyl Alcohol

Concen: 32.831 ng/ml

RT: 7.88 min Scan# 832

Delta R.T. -0.00 min

Lab File: BM020608.D

Acq: 29 May 2019 20:25

Instrument :

BNA_M

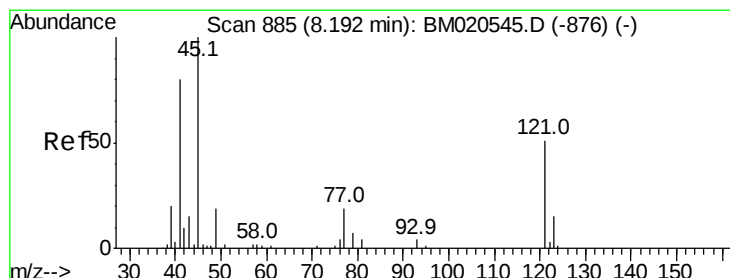
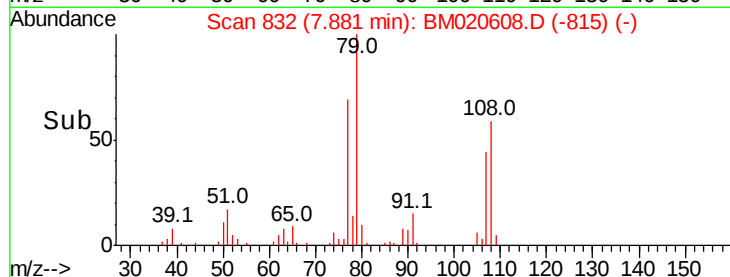
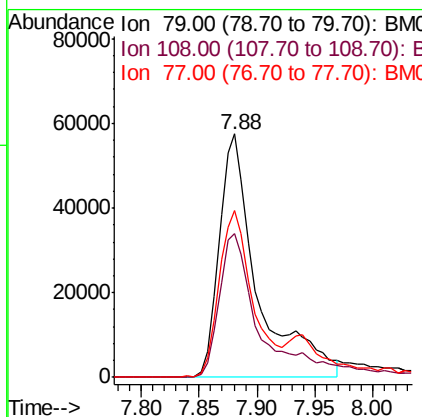
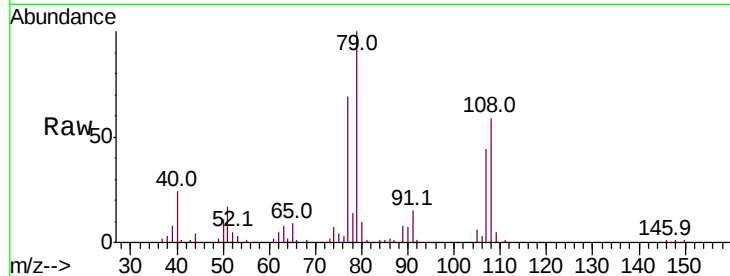
ClientSampleId :

COMP-5.8.19MSD

Tot Ion:	79	Resp:	134308
Ion Ratio	Lower	Upper	
79	100		
108	59.2	48.5	72.7
77	68.6	50.9	76.3

Manual Integrations
APPROVED

mohammad
5/30/2019 8:16:38 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.177 ng/ml

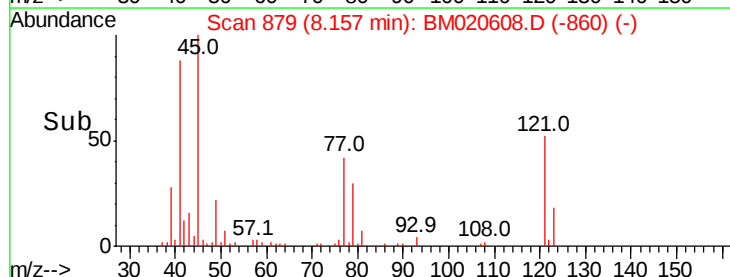
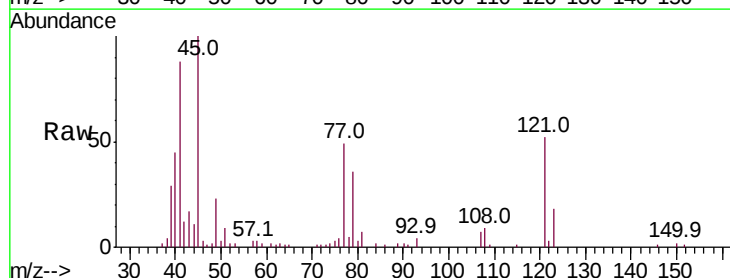
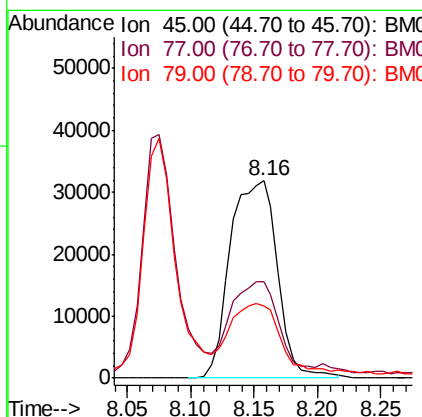
RT: 8.16 min Scan# 879

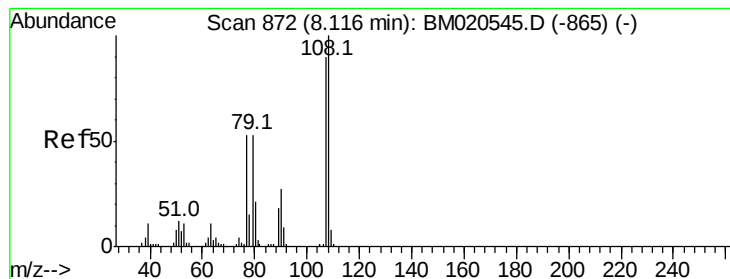
Delta R.T. 0.01 min

Lab File: BM020608.D

Acq: 29 May 2019 20:25

Tgt Ion:	45	Resp:	82381
Ion Ratio	Lower	Upper	
45	100		
77	48.6	25.0	65.0
79	36.5	13.1	53.1





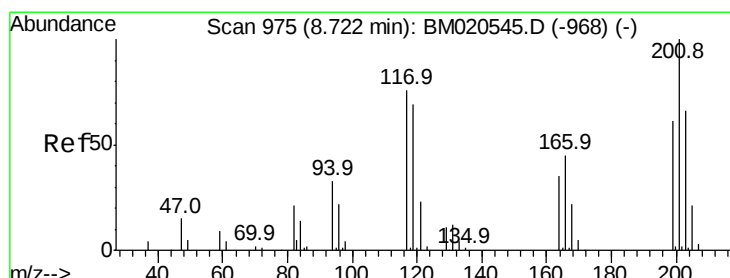
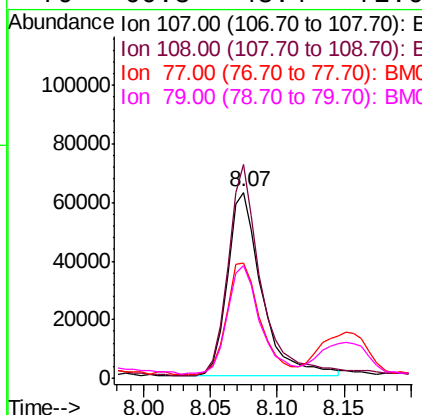
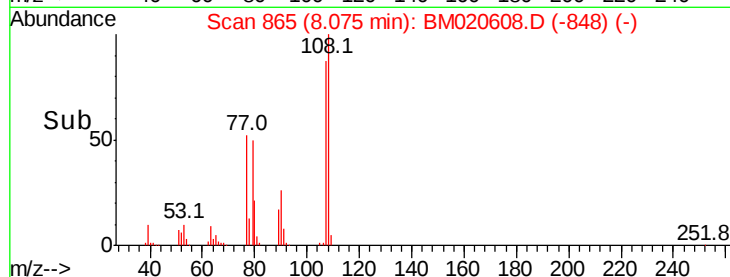
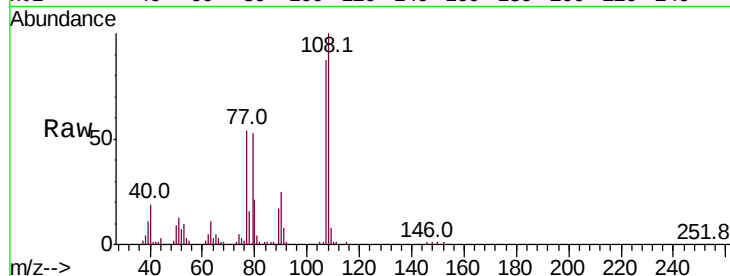
#17
2-Methylphenol
Concen: 35.985 ng
RT: 8.07 min Scan# 865
Delta R.T. -0.00 min
Lab File: BM020608.D
Acq: 29 May 2019 20:25

Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.7	89.4	134.2	
77	61.8	48.2	72.4	
79	60.8	48.4	72.6	

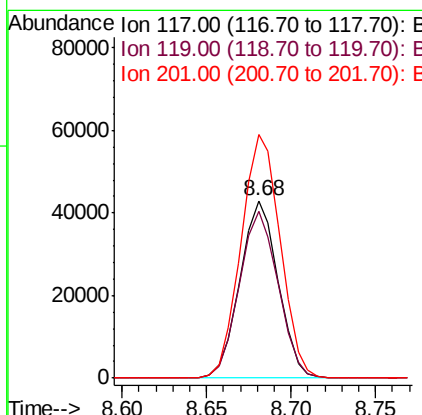
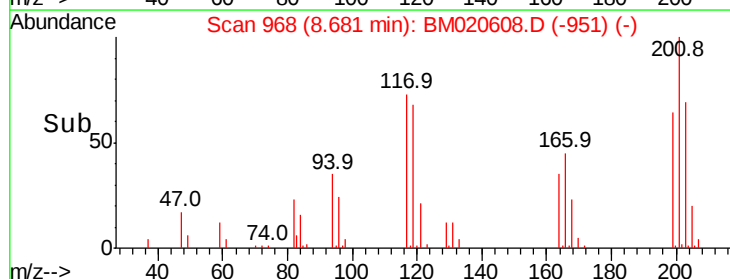
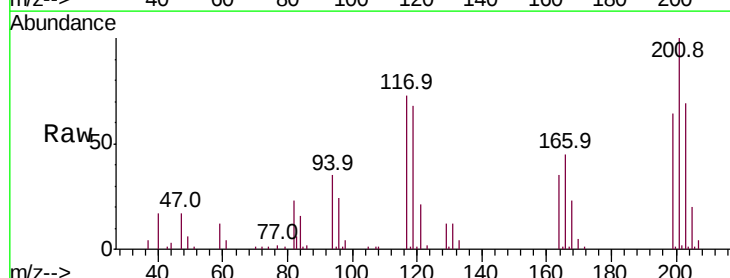
Manual Integrations
APPROVED

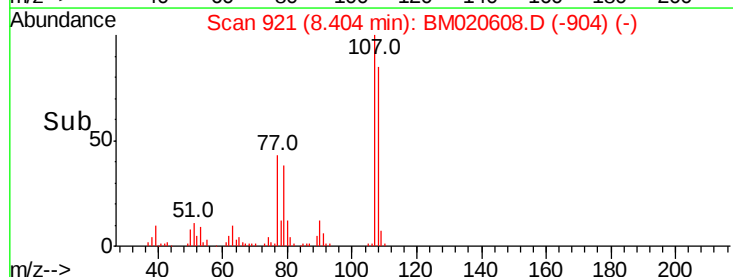
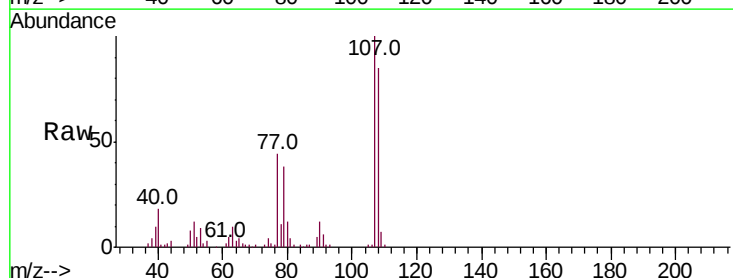
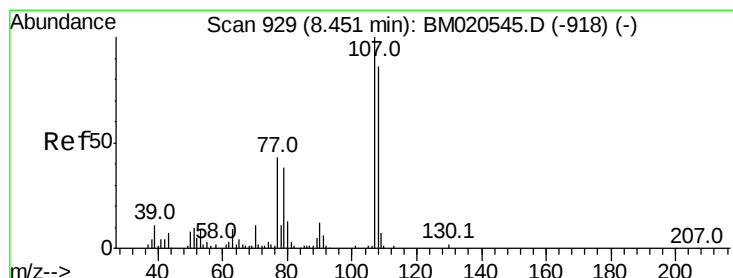
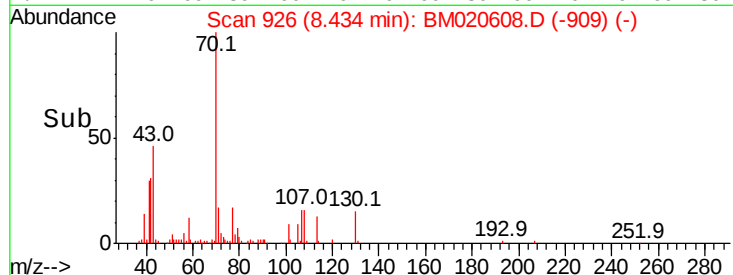
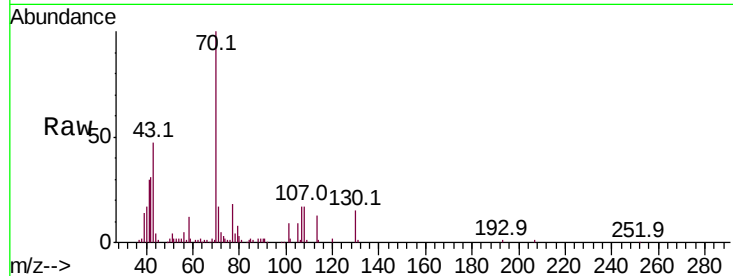
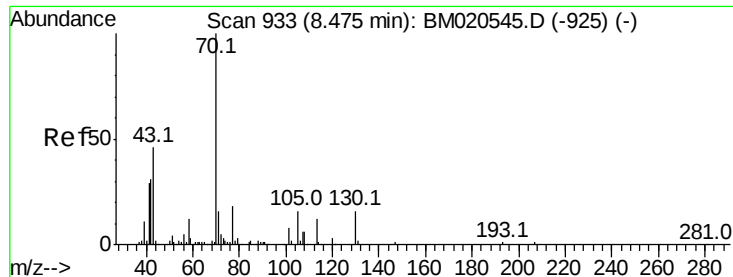
mohammad
5/30/2019 8:16:38 AM



#18
Hexachloroethane
Concen: 36.404 ng
RT: 8.68 min Scan# 968
Delta R.T. -0.00 min
Lab File: BM020608.D
Acq: 29 May 2019 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.8	73.2	109.8	
201	137.1	105.8	158.8	





#19

n-Nitroso-di-n-propylamine

Concen: 33.016 ng

RT: 8.43 min Scan# 926

Delta R.T. -0.00 min

Lab File: BM020608.D

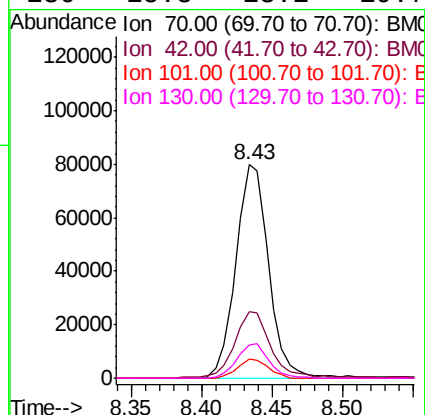
Acq: 29 May 2019 20:25

Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	31.3	24.7	37.1
101	8.7	6.8	10.2
130	15.3	13.1	19.7

Manual Integrations
APPROVED

mohammad
5/30/2019 8:16:38 AM



#20

3+4-Methylphenols

Concen: 34.310 ng

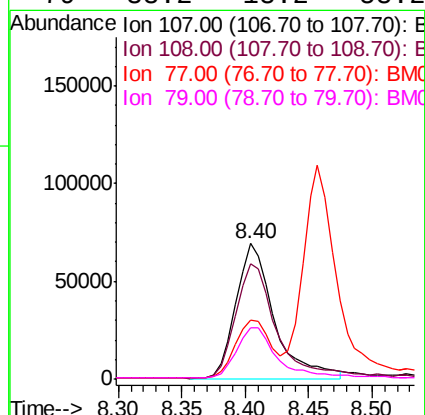
RT: 8.40 min Scan# 921

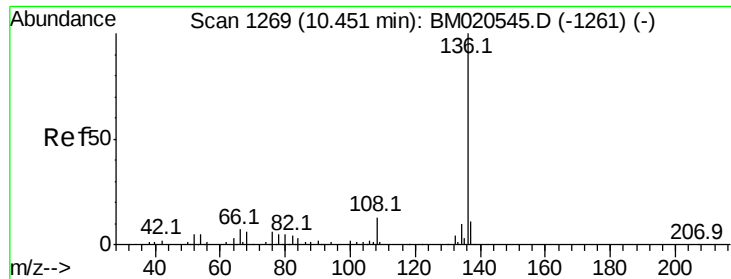
Delta R.T. -0.00 min

Lab File: BM020608.D

Acq: 29 May 2019 20:25

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.3	66.5	106.5
77	43.8	23.0	63.0
79	38.2	18.2	58.2





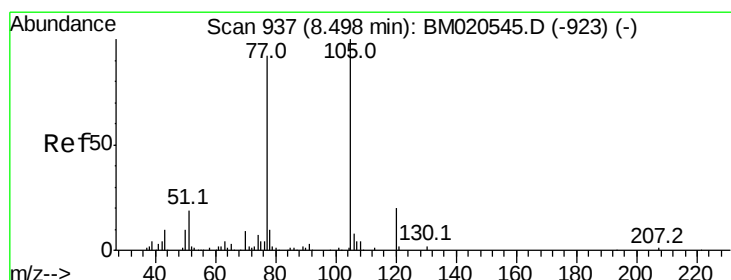
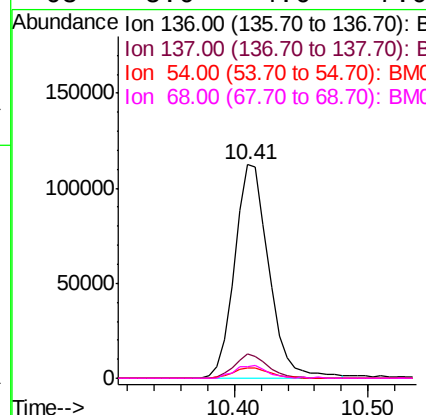
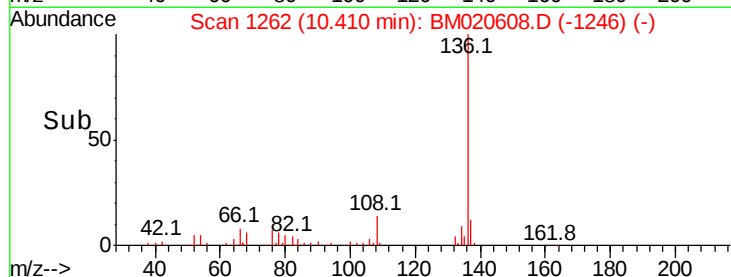
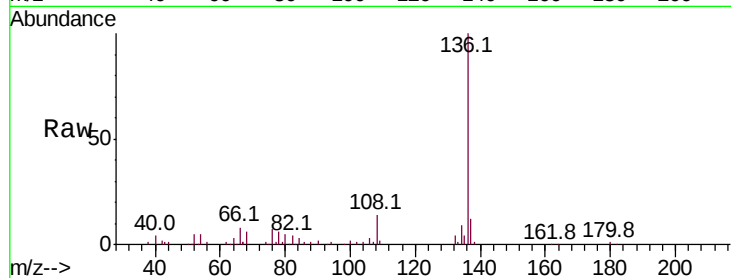
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.41 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BM020608.D
Acq: 29 May 2019 20:25

Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	201108		
137	11.6		8.4	12.6
54	5.1		4.2	6.4
68	5.6		4.6	7.0

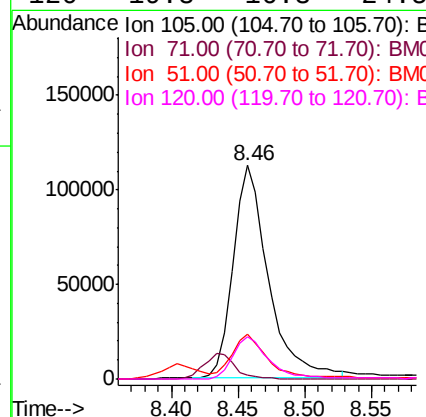
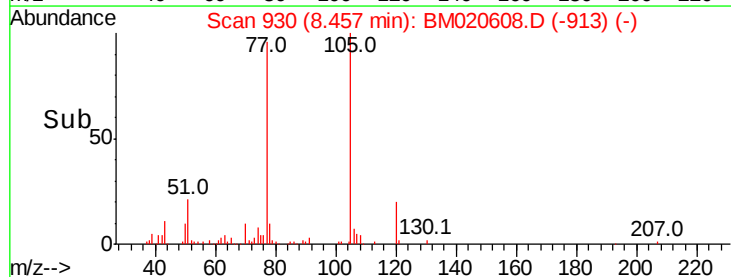
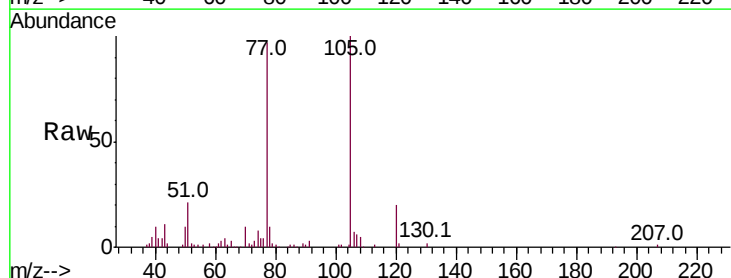
Manual Integrations
APPROVED

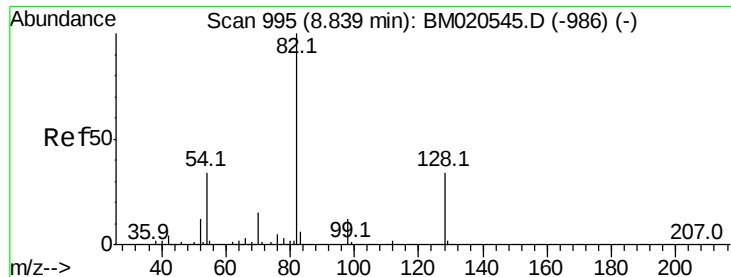
mohammad
5/30/2019 8:16:38 AM



#22
Acetophenone
Concen: 37.572 ng
RT: 8.46 min Scan# 930
Delta R.T. -0.00 min
Lab File: BM020608.D
Acq: 29 May 2019 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	208071		
71	1.6		1.3	1.9
51	20.9		15.7	23.5
120	19.8		16.3	24.5





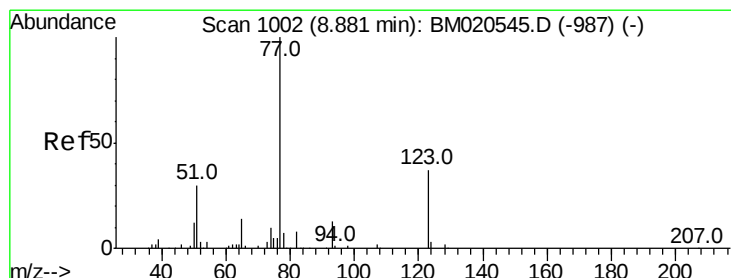
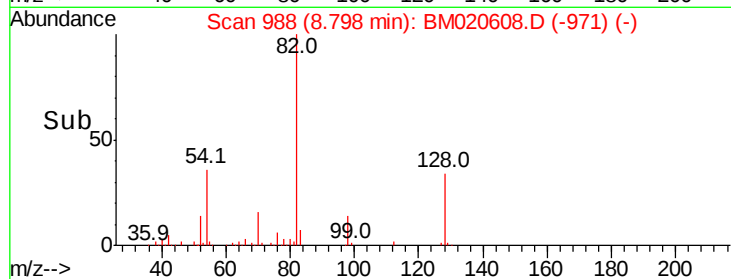
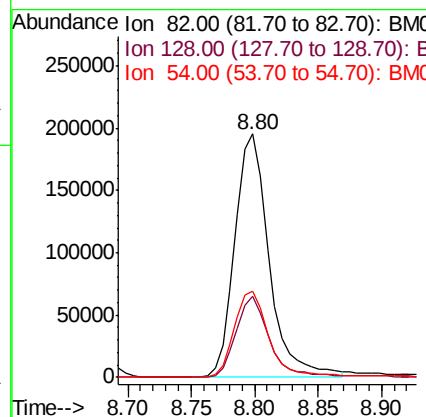
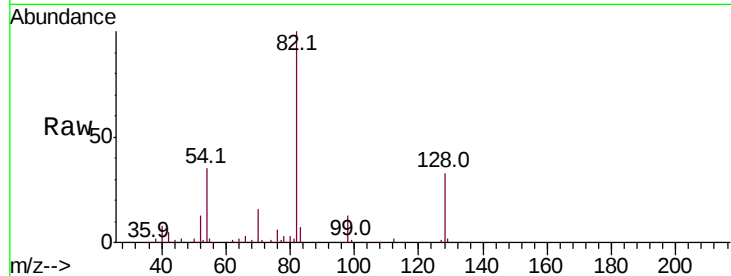
#23
Nitrobenzene-d5
Concen: 76.482 ng
RT: 8.80 min Scan# 988
Delta R.T. -0.00 min
Lab File: BM020608.D
Acq: 29 May 2019 20:25

Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	33.2	27.0	40.4	
54	35.5	27.4	41.2	

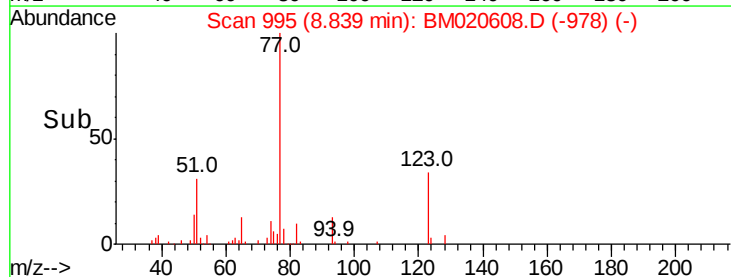
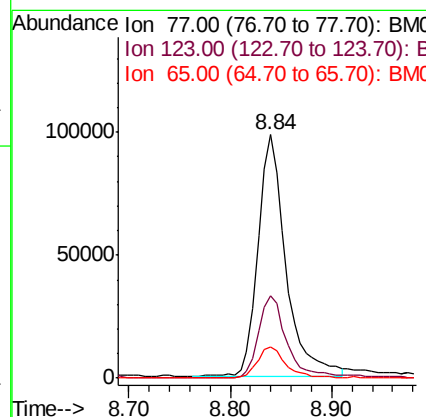
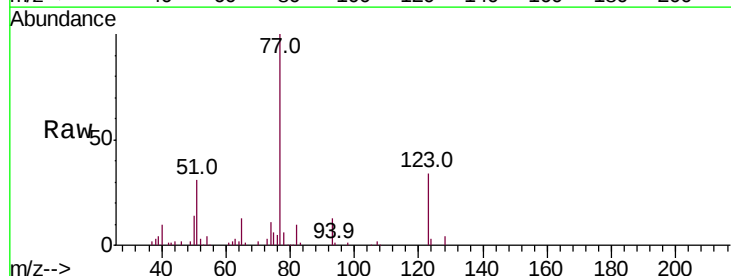
Manual Integrations
APPROVED

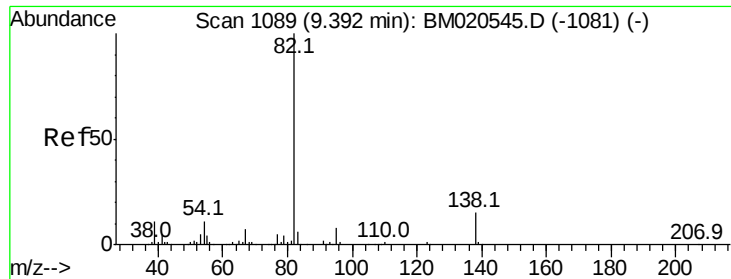
mohammad
5/30/2019 8:16:38 AM



#24
Nitrobenzene
Concen: 39.631 ng
RT: 8.84 min Scan# 995
Delta R.T. -0.00 min
Lab File: BM020608.D
Acq: 29 May 2019 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	34.0	29.4	44.2	
65	13.0	10.8	16.2	





#25

Isophorone

Concen: 39.064 ng

RT: 9.36 min Scan# 1083

Delta R.T. -0.00 min

Lab File: BM020608.D

Acq: 29 May 2019 20:25

Instrument :

BNA_M

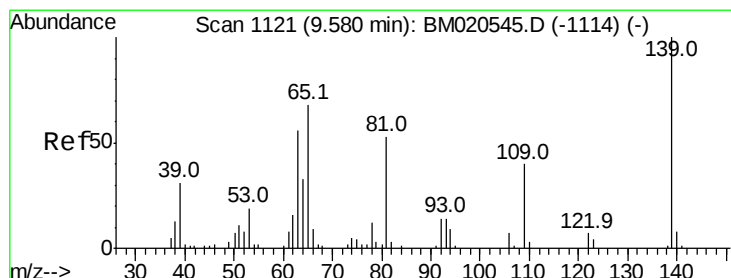
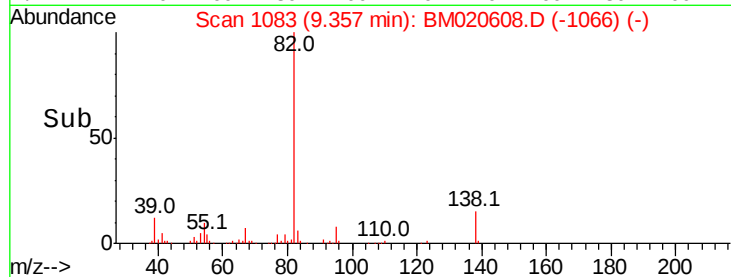
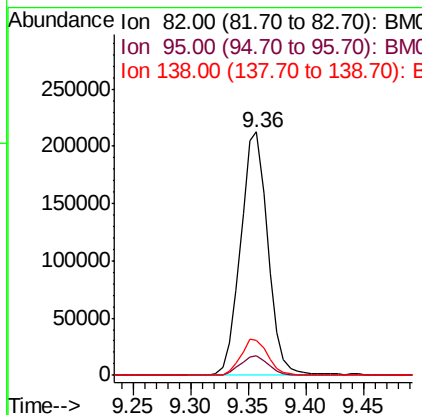
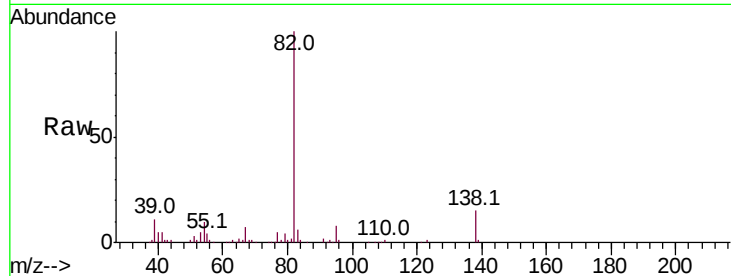
ClientSampleId :

COMP-5.8.19MSD

Tot Ion:	82	Resp:	348270
Ion Ratio	Lower	Upper	
82	100		
95	8.0	6.7	10.1
138	14.5	12.0	18.0

Manual Integrations
APPROVED

mohammad
5/30/2019 8:16:38 AM



#26

2-Nitrophenol

Concen: 37.854 ng

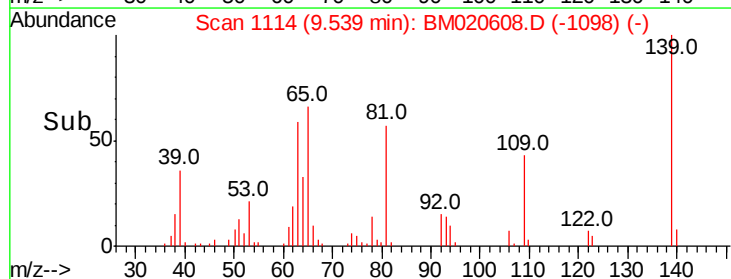
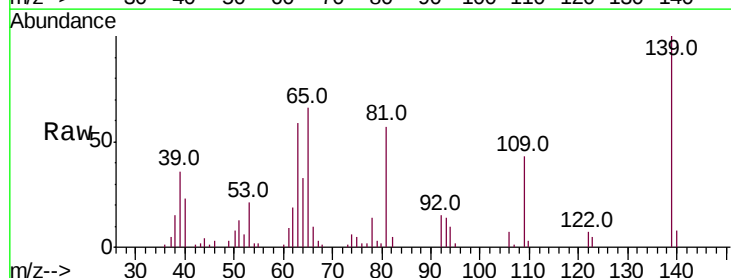
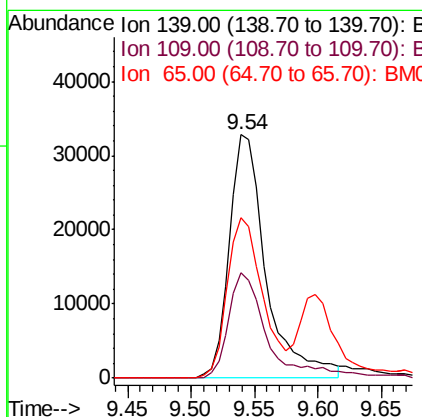
RT: 9.54 min Scan# 1114

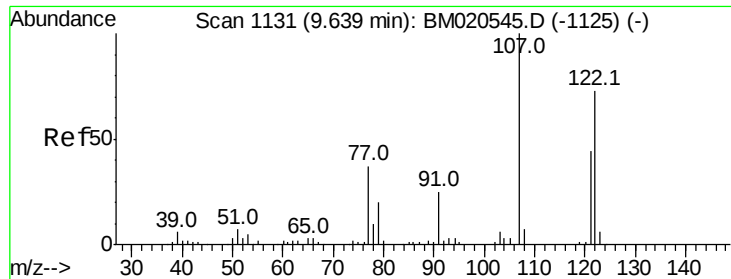
Delta R.T. -0.01 min

Lab File: BM020608.D

Acq: 29 May 2019 20:25

Tgt Ion:	139	Resp:	66093
Ion Ratio	Lower	Upper	
139	100		
109	43.3	32.3	48.5
65	65.7	54.4	81.6





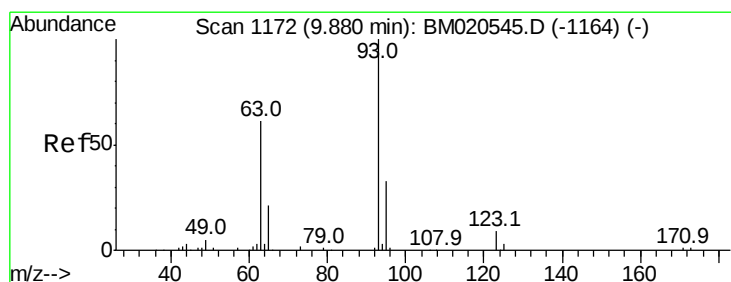
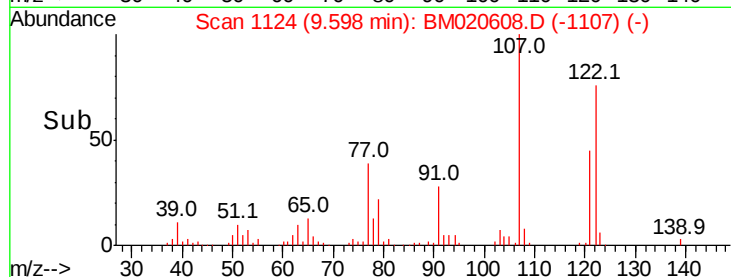
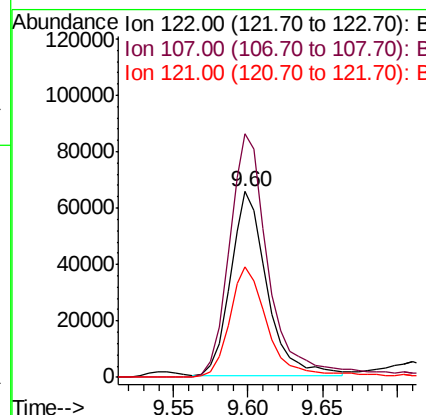
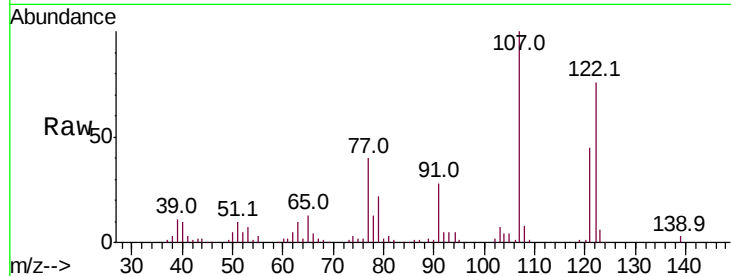
#27
 2,4-Dimethylphenol
 Concen: 42.745 ng
 RT: 9.60 min Scan# 1124
 Delta R.T. -0.00 min
 Lab File: BM020608.D
 Acq: 29 May 2019 20:25

Instrument :
 BNA_M
 ClientSampleId :
 COMP-5.8.19MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	130.9	108.2	162.2
121	59.1	47.4	71.0

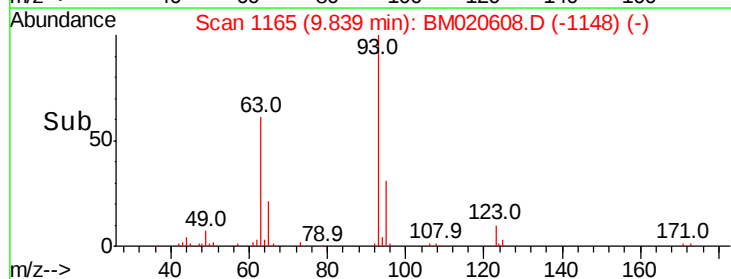
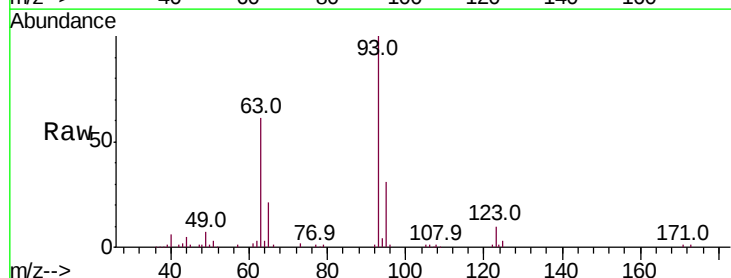
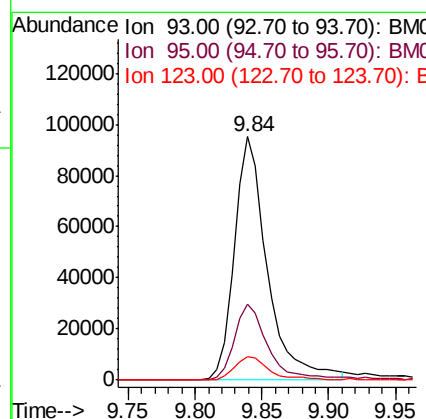
Manual Integrations
 APPROVED

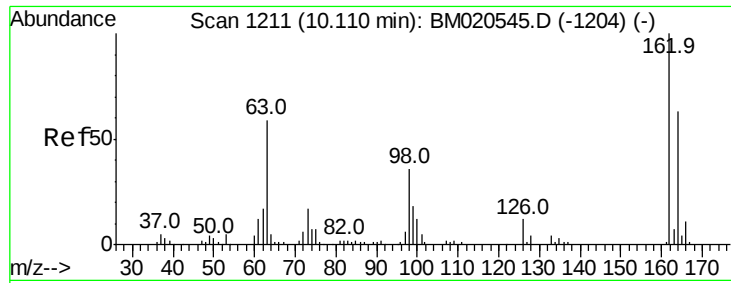
mohammad
 5/30/2019 8:16:38 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.507 ng
 RT: 9.84 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: BM020608.D
 Acq: 29 May 2019 20:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.1	26.1	39.1
123	9.8	8.1	12.1





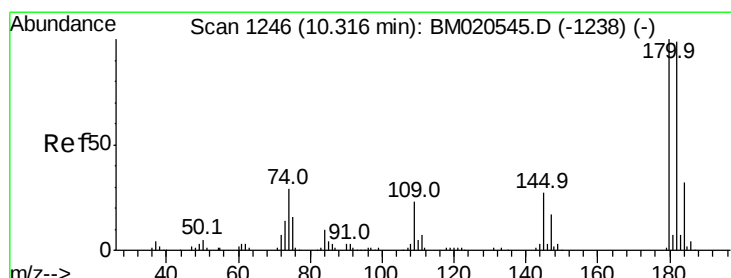
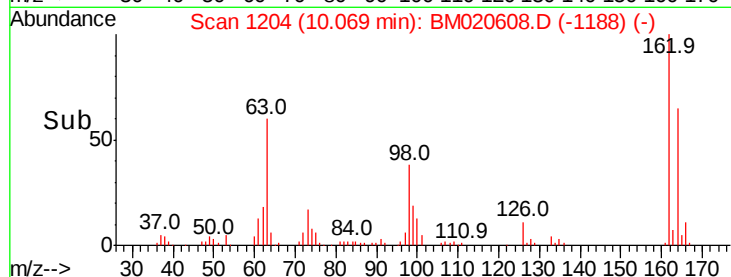
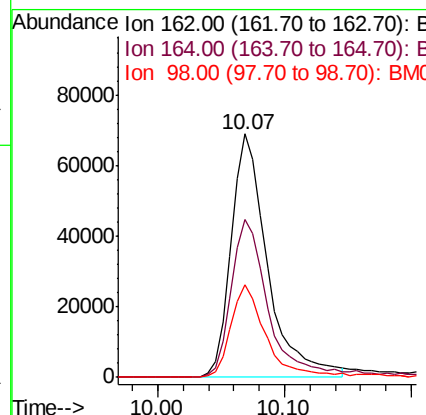
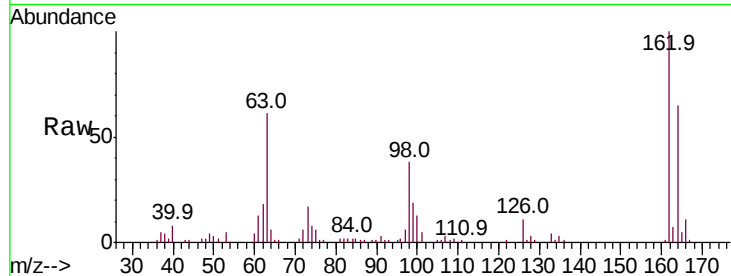
#29
 2,4-Dichlorophenol
 Concen: 39.667 ng
 RT: 10.07 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BM020608.D
 Acq: 29 May 2019 20:25

Instrument :
 BNA_M
 ClientSampleId :
 COMP-5.8.19MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	137218		
164	64.7	43.1	83.1	
98	38.1	16.2	56.2	

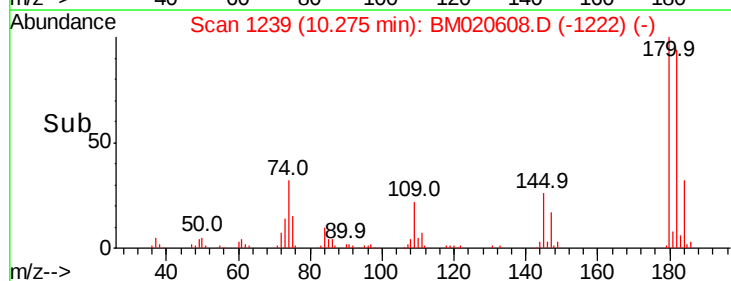
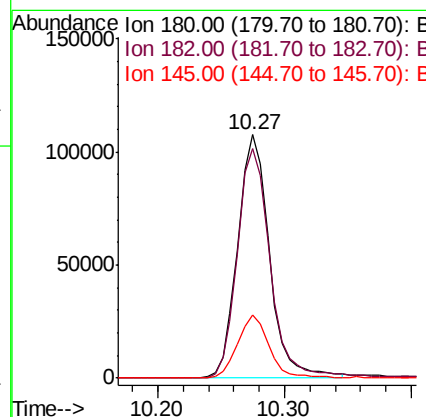
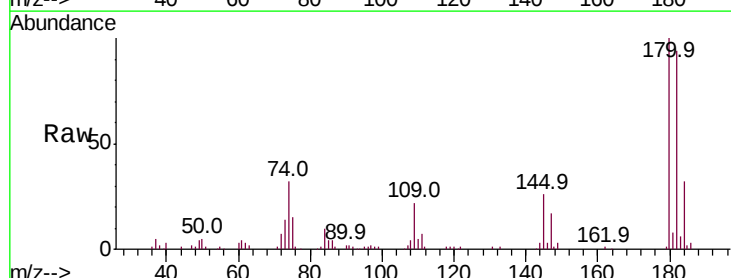
Manual Integrations
 APPROVED

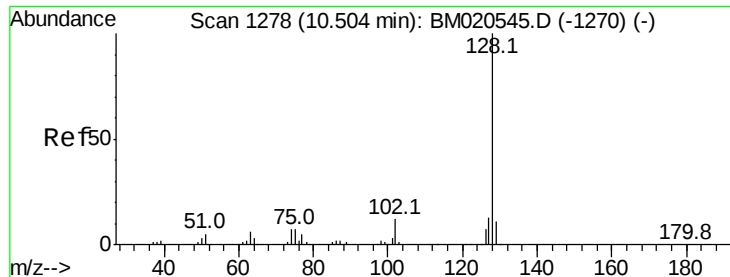
mohammad
 5/30/2019 8:16:38 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.697 ng
 RT: 10.27 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: BM020608.D
 Acq: 29 May 2019 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	187761		
182	94.3	78.8	118.2	
145	26.0	21.3	31.9	





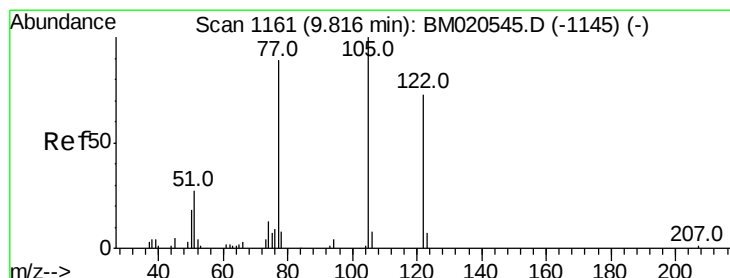
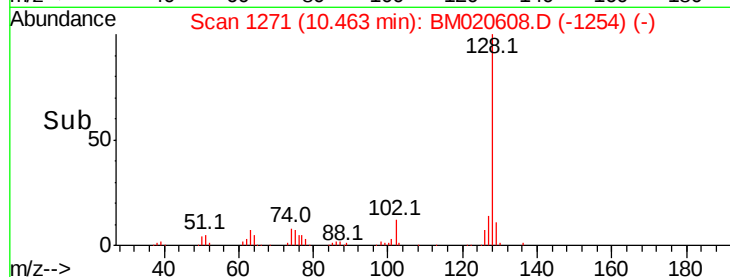
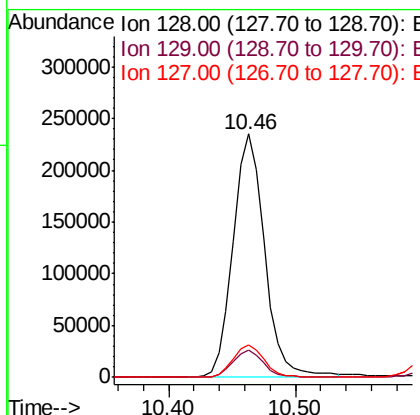
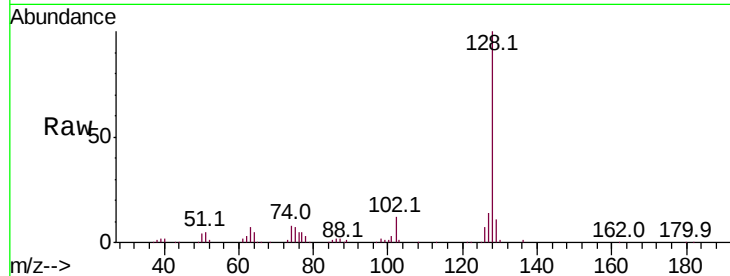
#31
Naphthalene
Concen: 39.102 ng
RT: 10.46 min Scan# 1271
Delta R.T. -0.00 min
Lab File: BM020608.D
Acq: 29 May 2019 20:25

Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.0	9.0	13.6	
127	13.5	10.4	15.6	

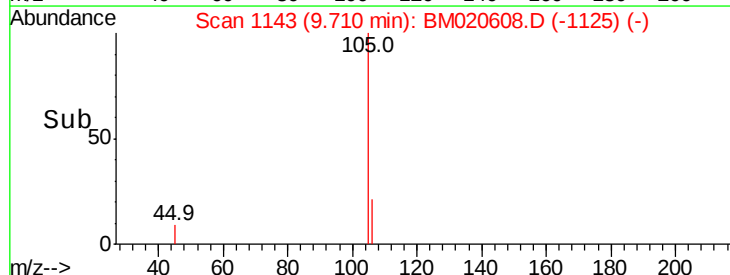
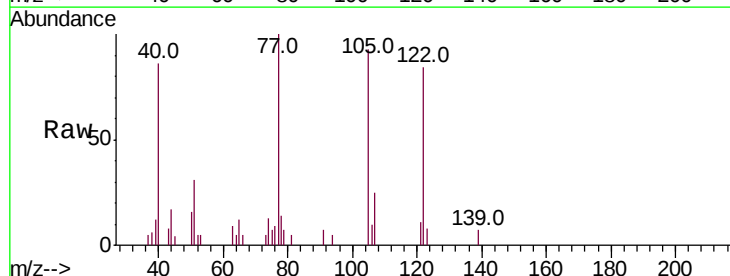
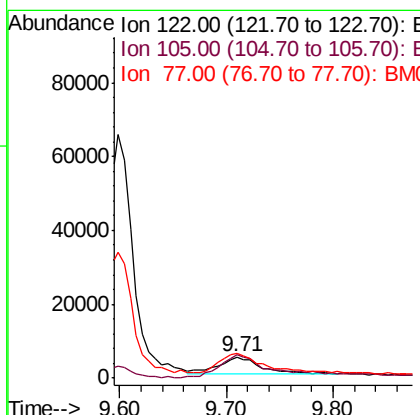
Manual Integrations
APPROVED

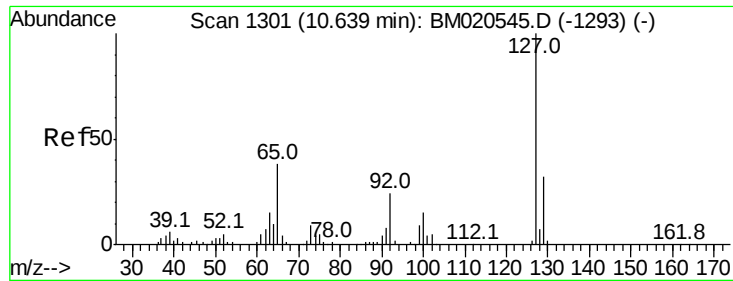
mohammad
5/30/2019 8:16:38 AM



#32
Benzoic acid
Concen: 16.323 ng m
RT: 9.71 min Scan# 1143
Delta R.T. 0.01 min
Lab File: BM020608.D
Acq: 29 May 2019 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	111.1	108.8	148.8	
77	119.7	97.8	137.8	





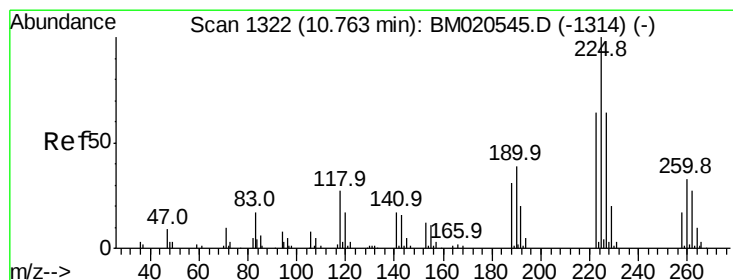
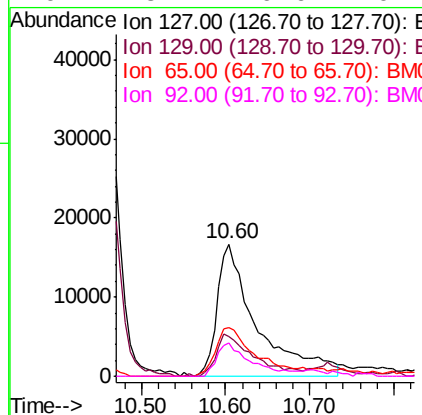
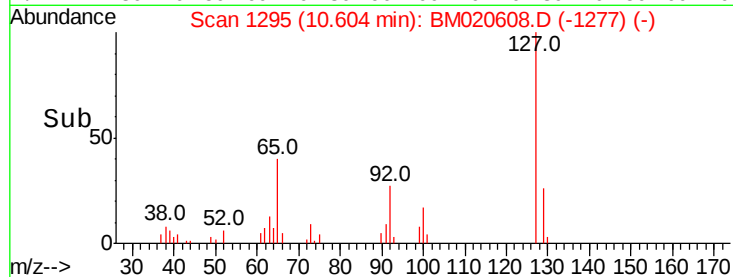
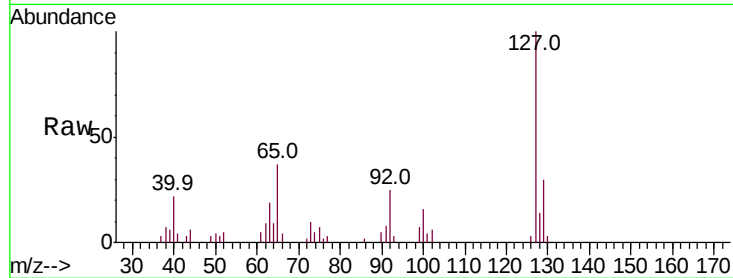
#33
4-Chloroaniline
Concen: 13.255 ng/mL
RT: 10.60 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BM020608.D
Acq: 29 May 2019 20:25

Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.3	25.4	38.2
65	37.0	30.6	45.8
92	25.1	19.6	29.4

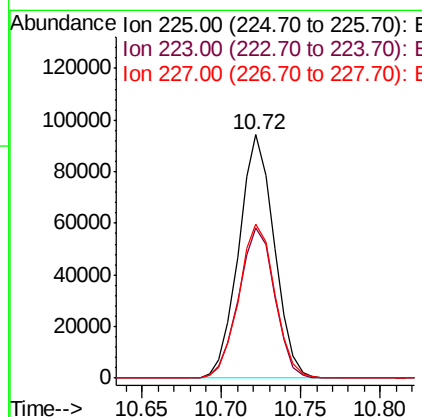
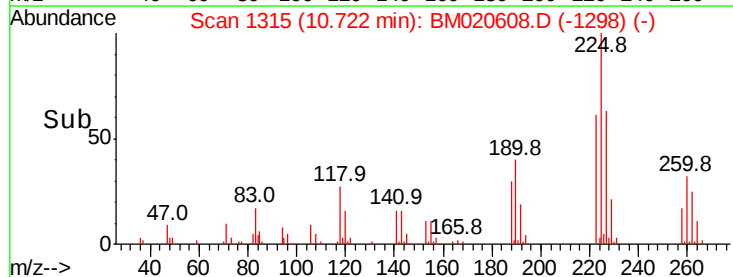
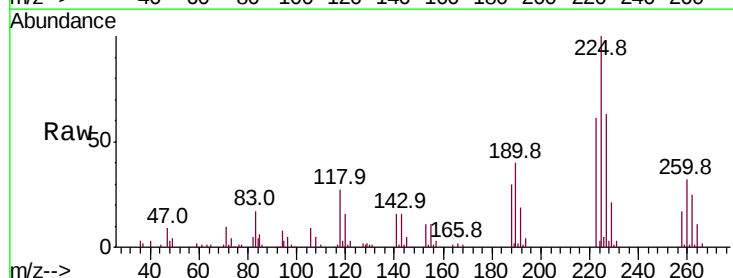
Manual Integrations
APPROVED

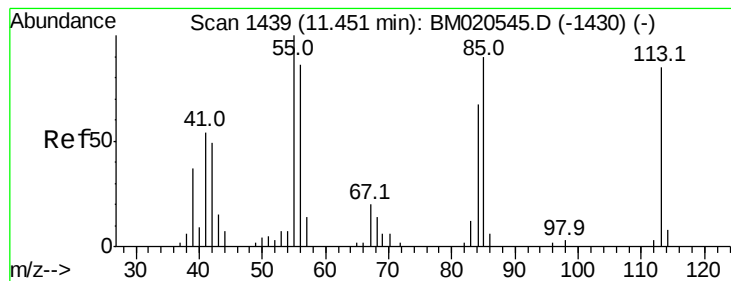
mohammad
5/30/2019 8:16:38 AM



#34
Hexachlorobutadiene
Concen: 41.601 ng/mL
RT: 10.72 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BM020608.D
Acq: 29 May 2019 20:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.5	51.4	77.0
227	63.5	51.0	76.6





#35

Caprolactam

Concen: 31.345 ng/ml

RT: 11.40 min Scan# 1431

Delta R.T. -0.00 min

Lab File: BM020608.D

Acq: 29 May 2019 20:25

Instrument :

BNA_M

ClientSampleId :

COMP-5.8.19MSD

Tot Ion:113 Resp: 35686

Ion Ratio Lower Upper

113 100

55 116.7 97.6 137.6

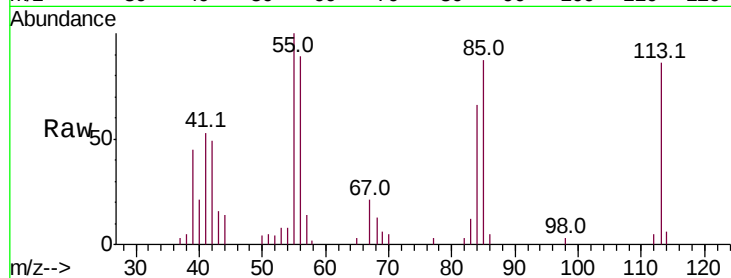
56 103.8 81.6 121.6

Manual Integrations

APPROVED

mohammad

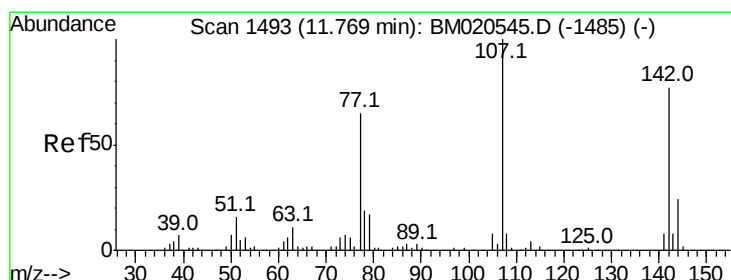
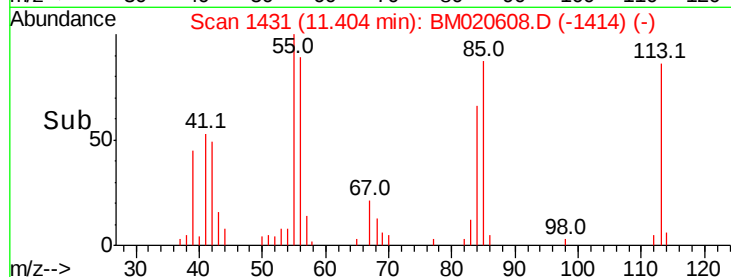
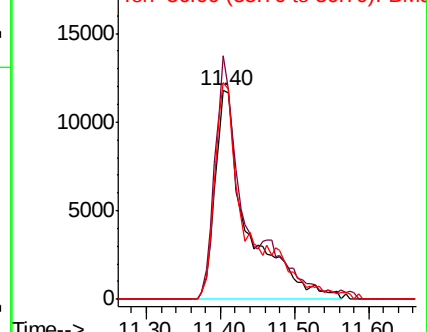
5/30/2019 8:16:38 AM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 36.756 ng/ml

RT: 11.72 min Scan# 1485

Delta R.T. -0.00 min

Lab File: BM020608.D

Acq: 29 May 2019 20:25

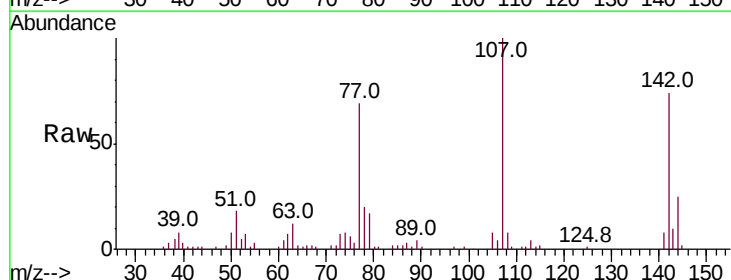
Tgt Ion:107 Resp: 138367

Ion Ratio Lower Upper

107 100

144 24.5 19.0 28.6

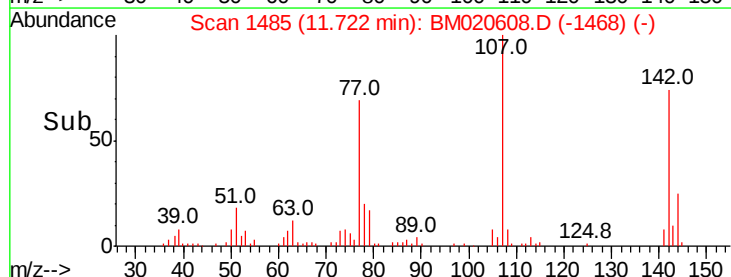
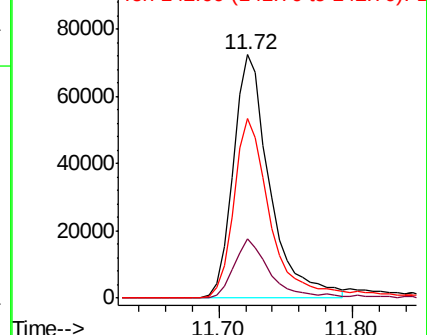
142 73.9 61.3 91.9

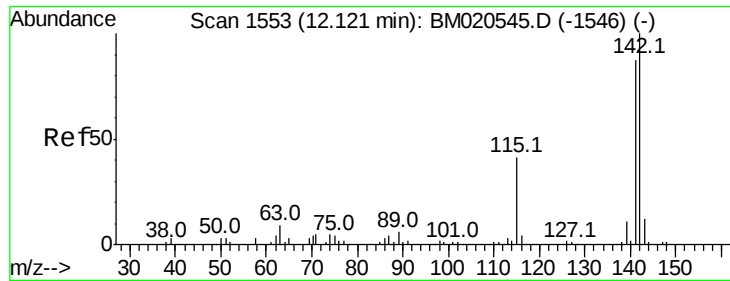


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





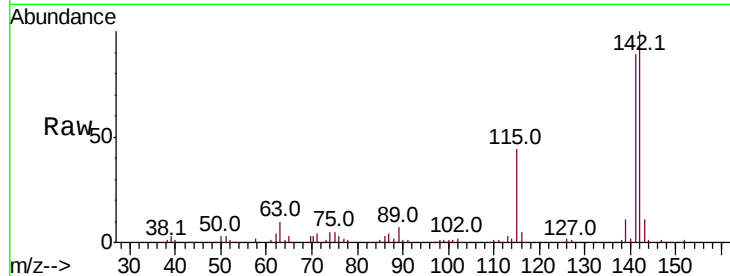
#37
2-Methylnaphthalene
Concen: 37.982 ng
RT: 12.09 min Scan# 1547
Delta R.T. -0.00 min
Lab File: BM020608.D
Acq: 29 May 2019 20:25

Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	301307		
141	88.8	69.9	104.9	
115	43.7	32.9	49.3	

Manual Integrations
APPROVED

mohammad
5/30/2019 8:16:38 AM

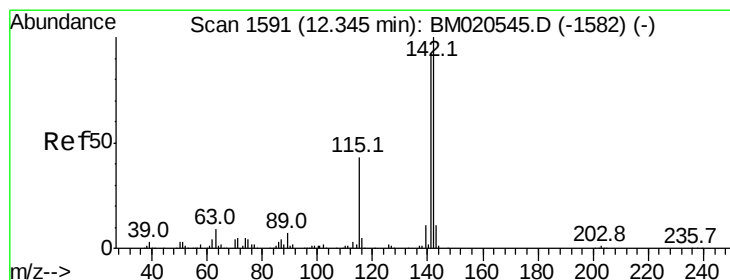
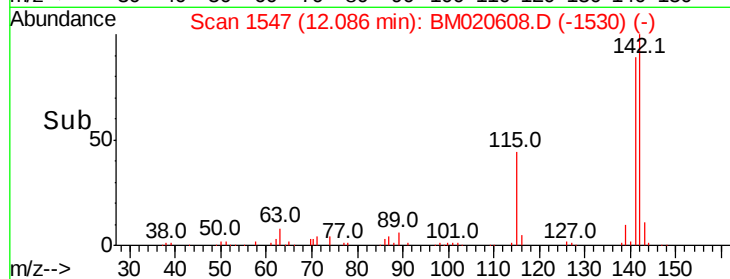
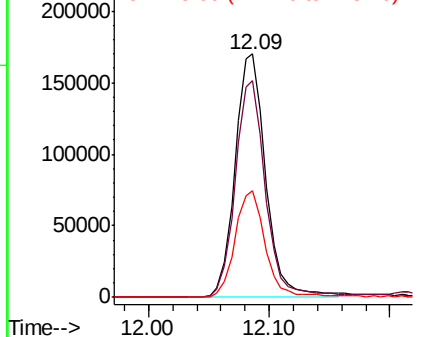


Abundance

Ion 142.00 (141.70 to 142.70): E

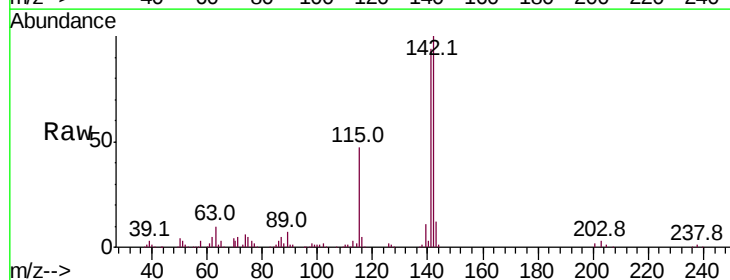
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 38.188 ng
RT: 12.30 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BM020608.D
Acq: 29 May 2019 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	293518		
141	94.0	73.7	110.5	
116	4.8	3.7	5.5	

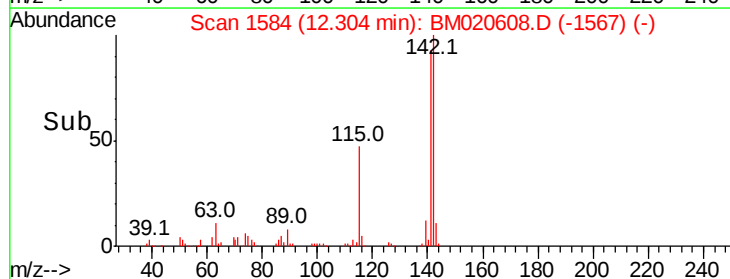
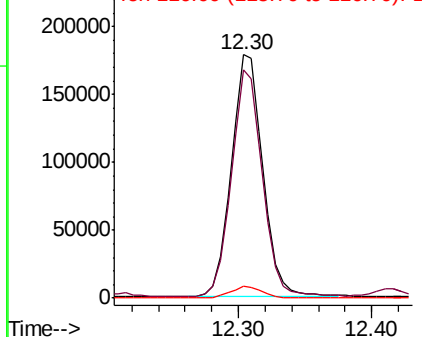


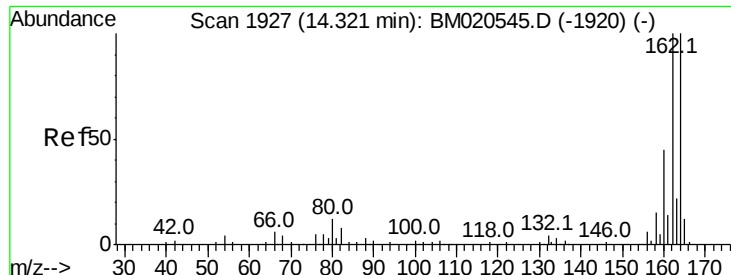
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





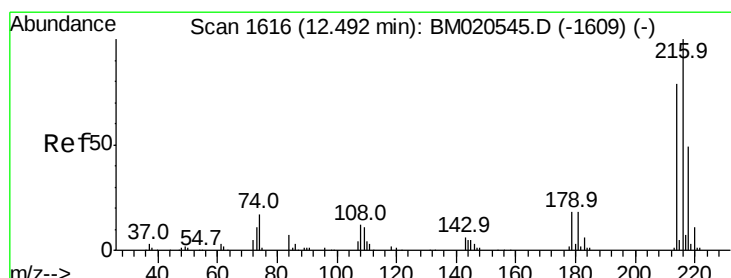
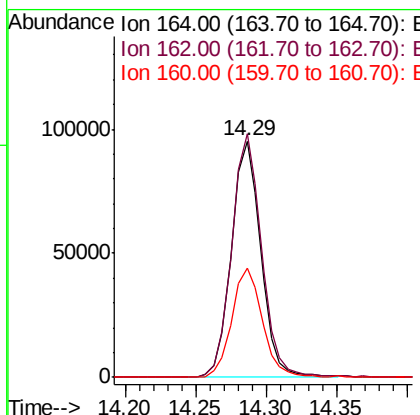
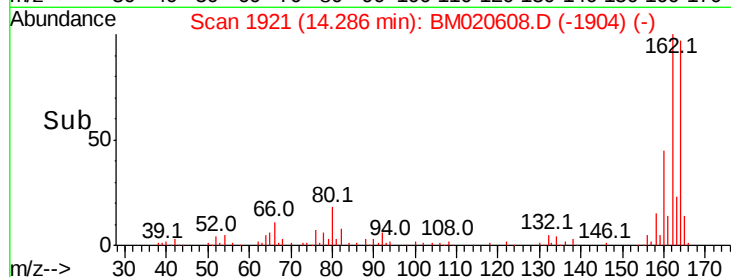
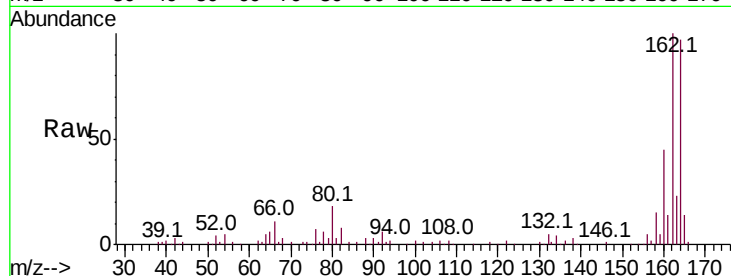
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BM020608.D
Acq: 29 May 2019 20:25

Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.1	79.8	119.8	
160	46.2	35.9	53.9	

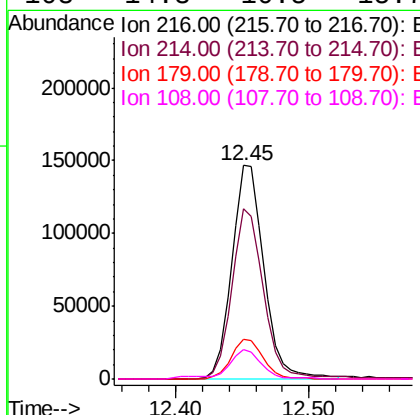
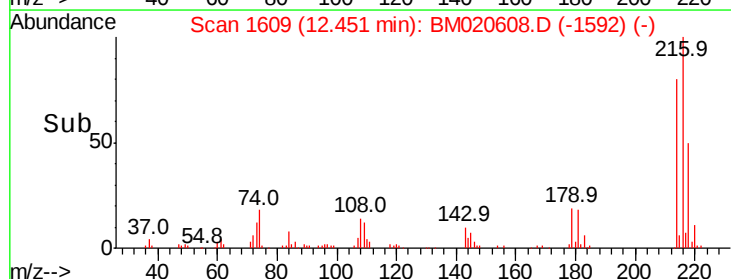
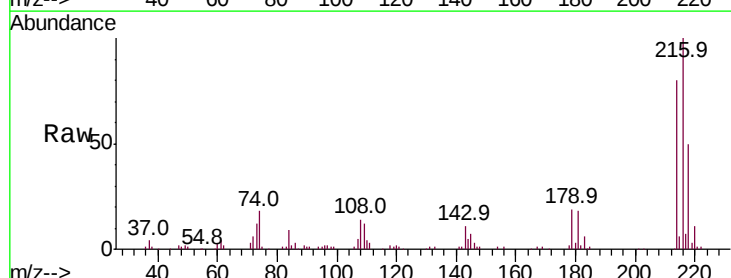
Manual Integrations
APPROVED

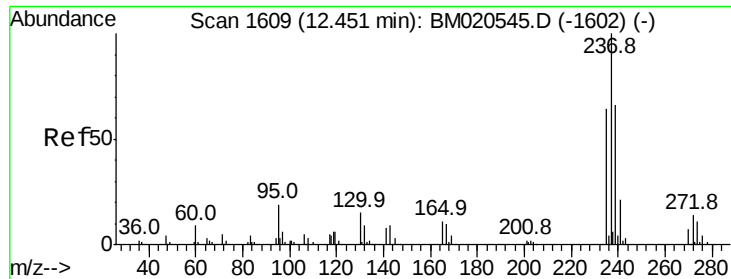
mohammad
5/30/2019 8:16:38 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.267 ng
RT: 12.45 min Scan# 1609
Delta R.T. -0.00 min
Lab File: BM020608.D
Acq: 29 May 2019 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.2	63.0	94.6	
179	18.4	14.8	22.2	
108	14.3	10.5	15.7	





#41

Hexachlorocyclopentadiene

Concen: 39.238 ng

RT: 12.42 min Scan# 1603

Delta R.T. -0.00 min

Lab File: BM020608.D

Acq: 29 May 2019 20:25

Instrument :

BNA_M

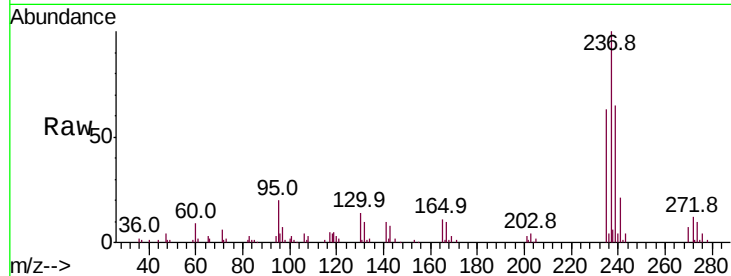
ClientSampleId :

COMP-5.8.19MSD

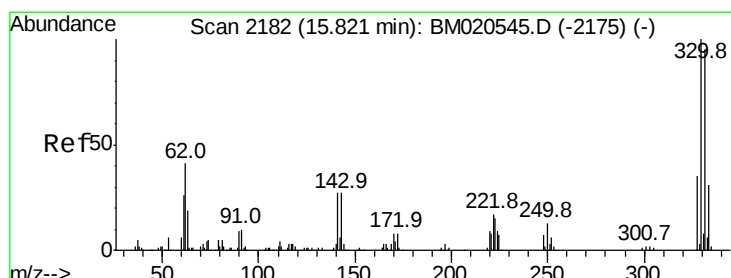
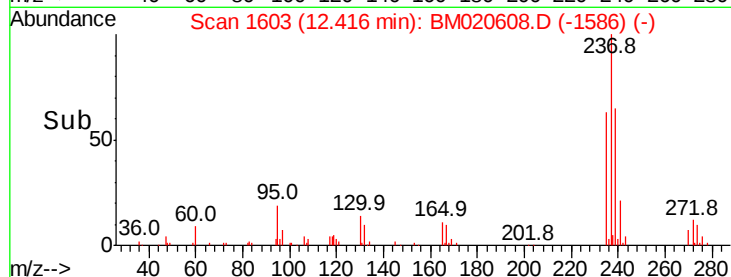
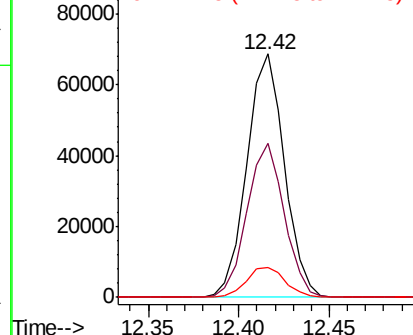
Tot Ion:	237	Resp:	98704
Ion Ratio	Lower	Upper	
237	100		
235	63.1	43.5	83.5
272	12.1	0.0	33.9

Manual Integrations
APPROVED

mohammad
5/30/2019 8:16:38 AM



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



#42

2,4,6-Tribromophenol

Concen: 117.574 ng

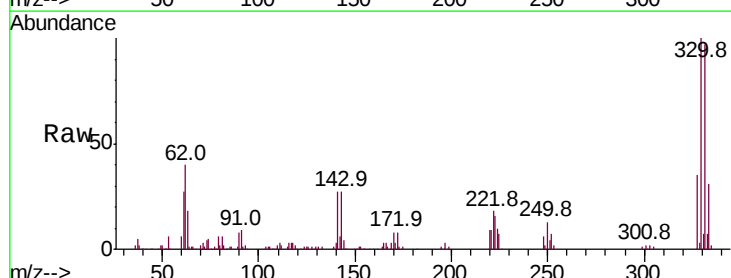
RT: 15.79 min Scan# 2176

Delta R.T. -0.00 min

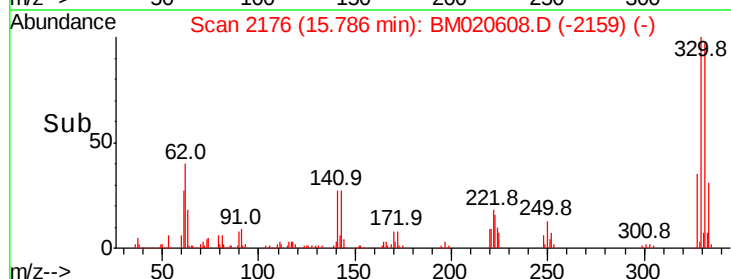
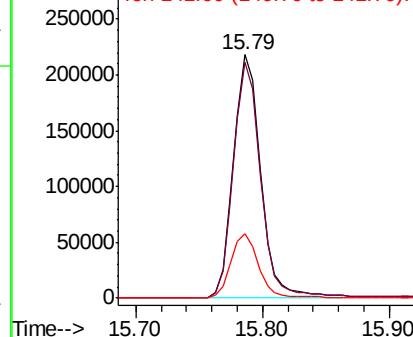
Lab File: BM020608.D

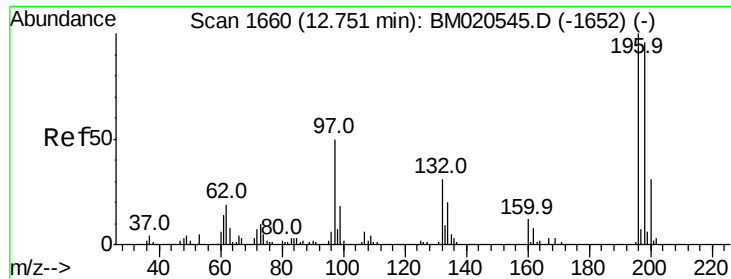
Acq: 29 May 2019 20:25

Tgt Ion:	330	Resp:	326975
Ion Ratio	Lower	Upper	
330	100		
332	96.3	77.5	116.3
141	27.0	21.7	32.5



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





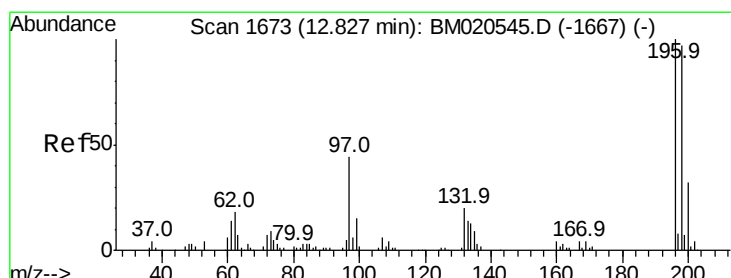
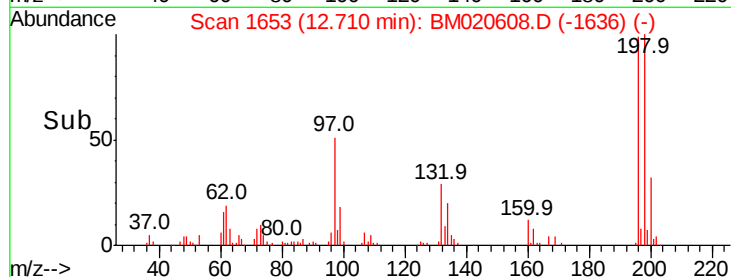
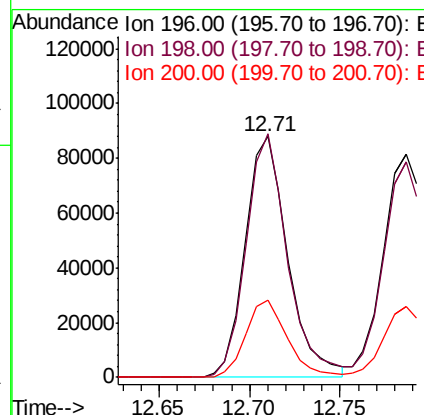
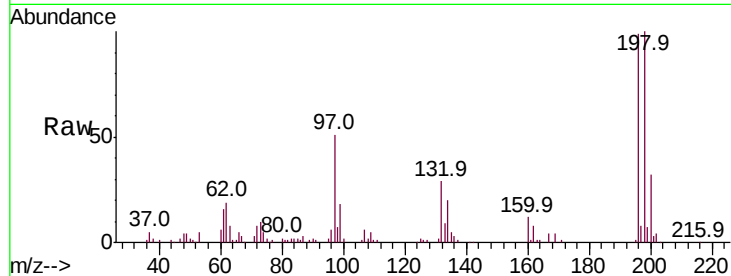
#43
 2,4,6-Trichlorophenol
 Concen: 39.782 ng
 RT: 12.71 min Scan# 1653
 Delta R.T. -0.00 min
 Lab File: BM020608.D
 Acq: 29 May 2019 20:25

Instrument :
 BNA_M
 ClientSampleId :
 COMP-5.8.19MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	143655		
198	101.2	76.4	114.6	
200	31.9	25.0	37.4	

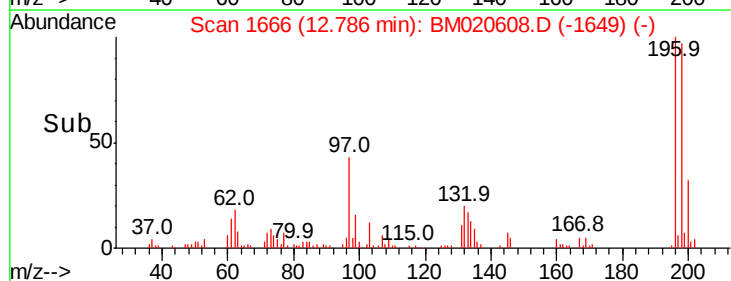
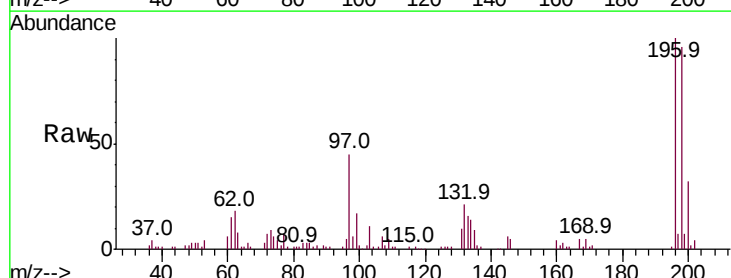
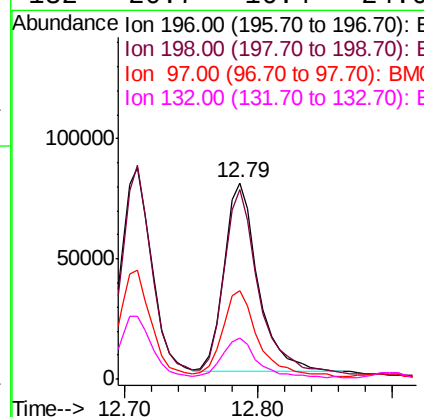
Manual Integrations
 APPROVED

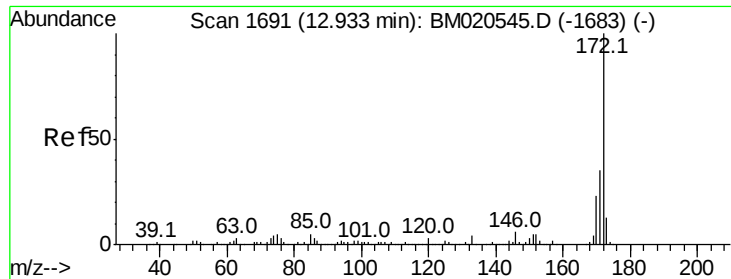
mohammad
 5/30/2019 8:16:38 AM



#44
 2,4,5-Trichlorophenol
 Concen: 41.428 ng
 RT: 12.79 min Scan# 1666
 Delta R.T. -0.00 min
 Lab File: BM020608.D
 Acq: 29 May 2019 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	139701		
198	96.5	77.6	116.4	
97	44.8	35.4	53.0	
132	20.7	16.4	24.6	





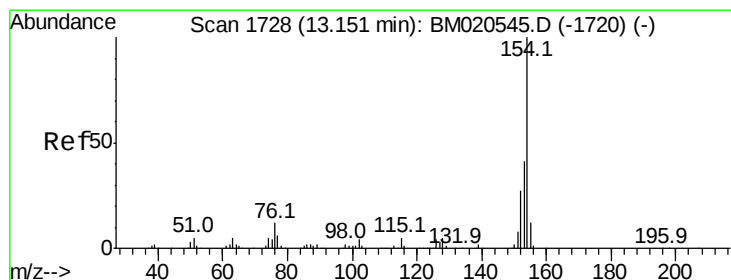
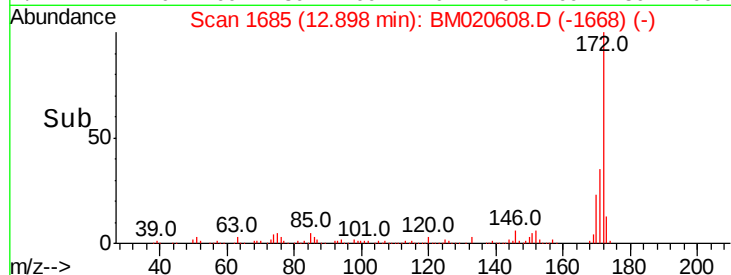
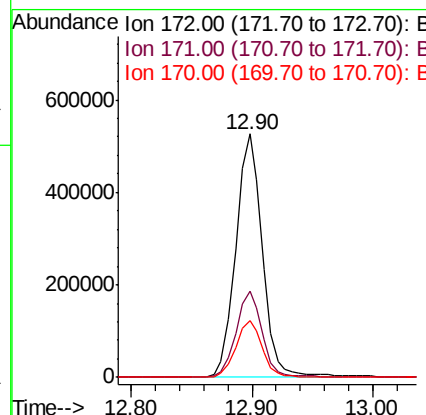
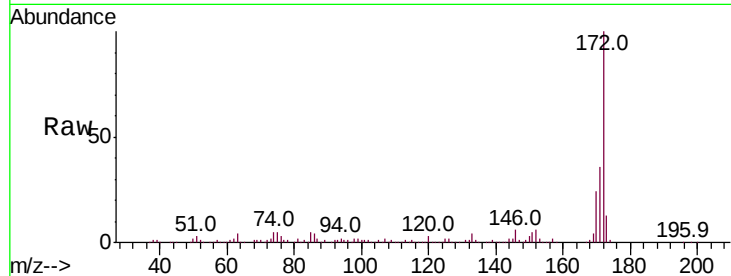
#45
2-Fluorobiphenyl
Concen: 72.925 ng
RT: 12.90 min Scan# 1685
Delta R.T. -0.00 min
Lab File: BM020608.D
Acq: 29 May 2019 20:25

Instrument :
BNA_M
ClientSampled :
COMP-5.8.19MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.9	41.9
170	23.6	18.2	27.4

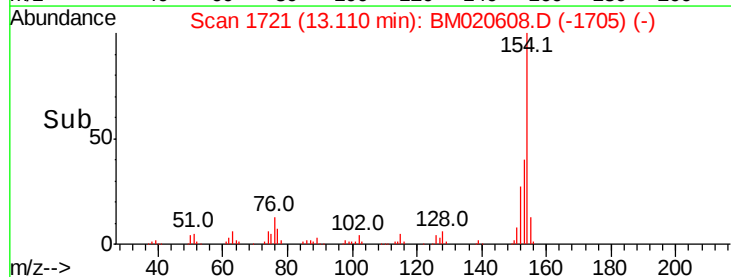
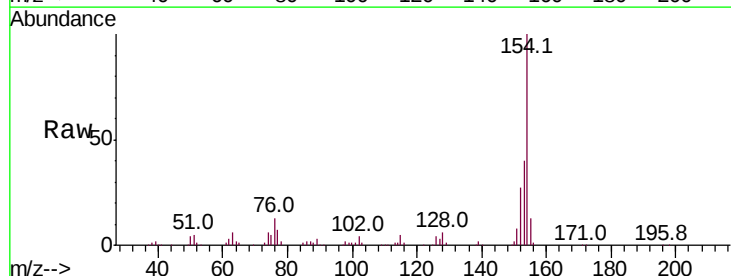
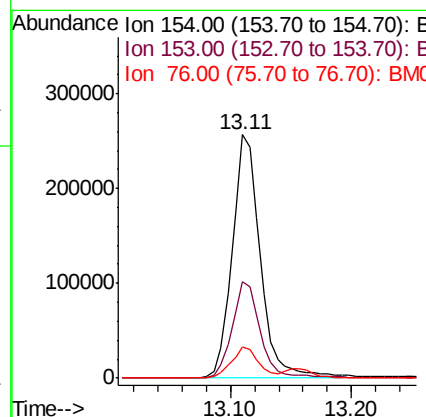
Manual Integrations
APPROVED

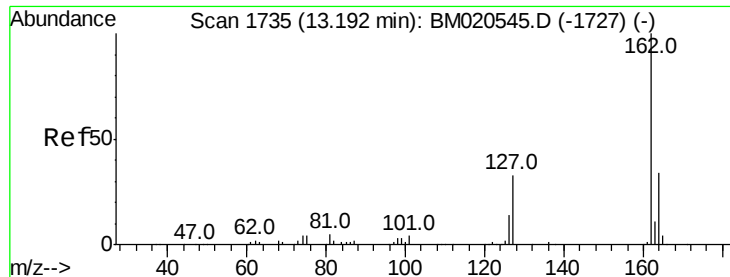
mohammad
5/30/2019 8:16:38 AM



#46
1,1'-Biphenyl
Concen: 38.877 ng
RT: 13.11 min Scan# 1721
Delta R.T. -0.01 min
Lab File: BM020608.D
Acq: 29 May 2019 20:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.5	20.6	60.6
76	12.8	0.0	32.2





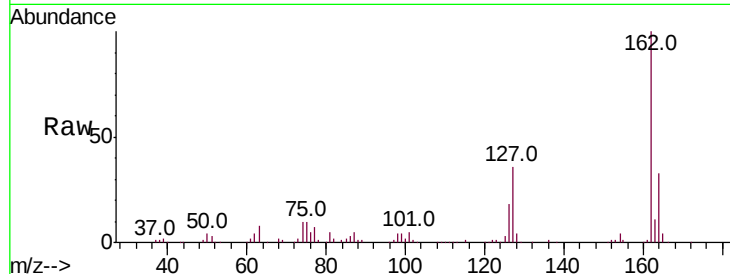
#47
 2-Chloronaphthalene
 Concen: 38.125 ng
 RT: 13.16 min Scan# 1729
 Delta R.T. -0.00 min
 Lab File: BM020608.D
 Acq: 29 May 2019 20:25

Instrument :
 BNA_M
 ClientSampleId :
 COMP-5.8.19MSD

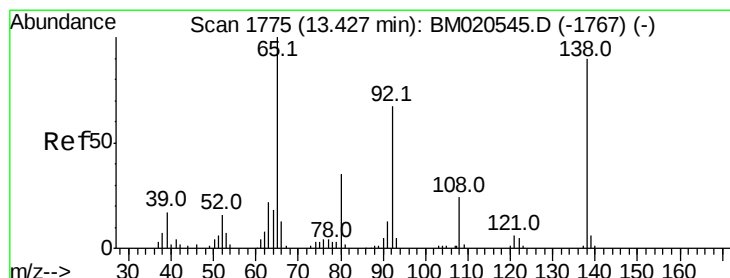
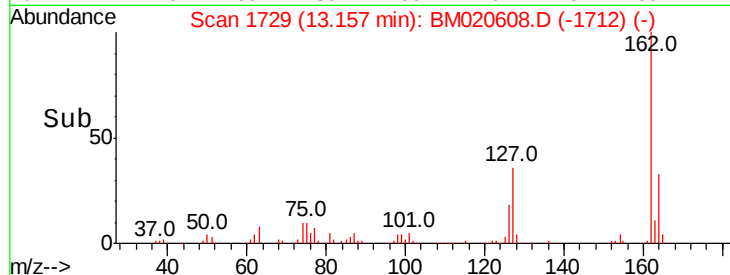
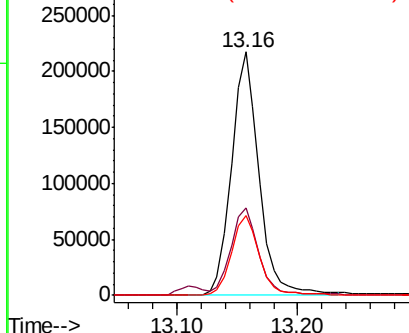
Tot Ion:	162	Resp:	345517
Ion Ratio	Lower	Upper	
162	100		
127	35.9	29.2	43.8
164	32.9	27.4	41.2

Manual Integrations
 APPROVED

mohammad
 5/30/2019 8:16:38 AM

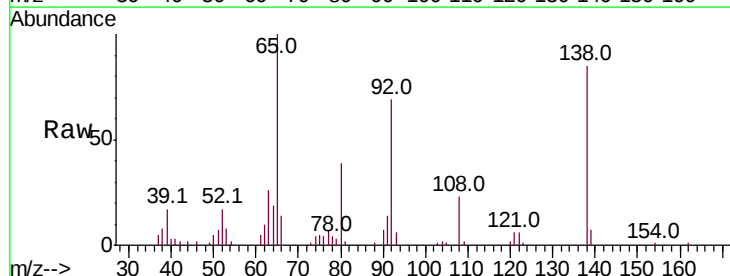


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

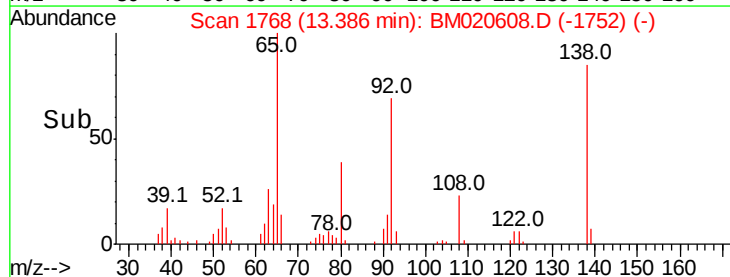
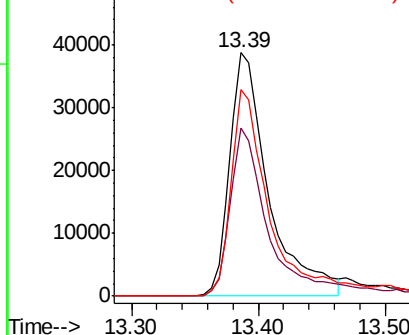


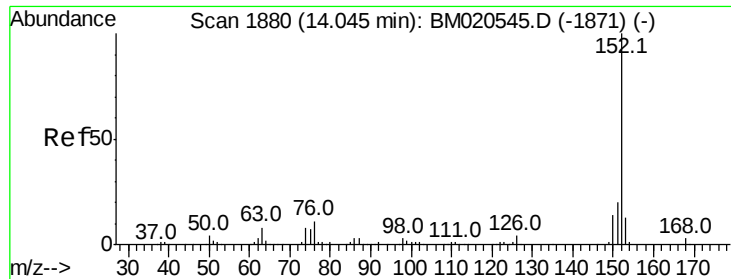
#48
 2-Nitroaniline
 Concen: 31.256 ng
 RT: 13.39 min Scan# 1768
 Delta R.T. -0.01 min
 Lab File: BM020608.D
 Acq: 29 May 2019 20:25

Tgt Ion:	65	Resp:	82699
Ion Ratio	Lower	Upper	
65	100		
92	68.8	53.6	80.4
138	84.8	72.0	108.0



Abundance Ion 65.00 (64.70 to 65.70): BM0
 Ion 92.00 (91.70 to 92.70): BM0
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 37.239 ng

RT: 14.01 min Scan# 1874

Delta R.T. -0.00 min

Lab File: BM020608.D

Acq: 29 May 2019 20:25

Instrument :

BNA_M

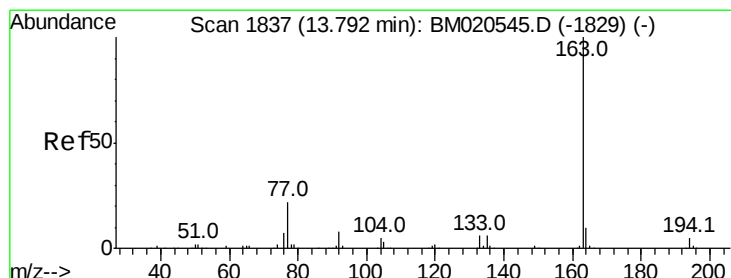
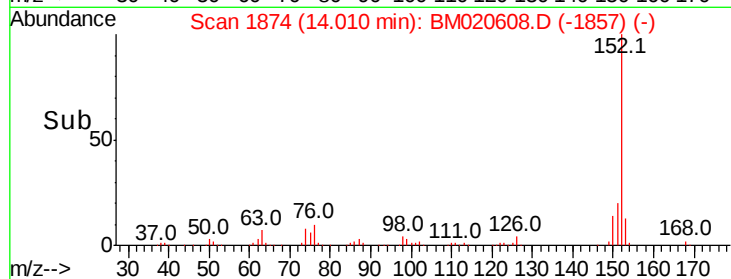
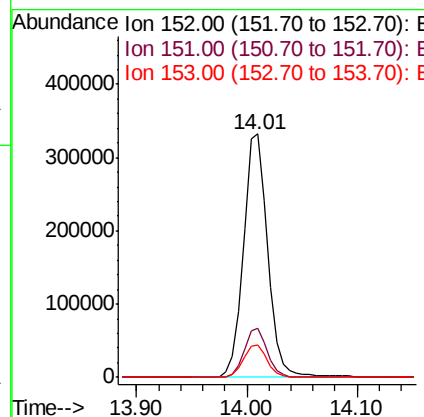
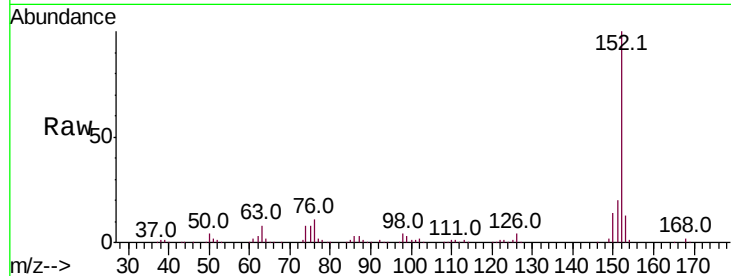
ClientSampleId :

COMP-5.8.19MSD

Tot Ion:	152	Resp:	513230
Ion Ratio	Lower	Upper	
152	100		
151	20.2	15.7	23.5
153	13.4	10.2	15.2

Manual Integrations
APPROVED

mohammad
5/30/2019 8:16:38 AM



#50

Dimethylphthalate

Concen: 42.517 ng

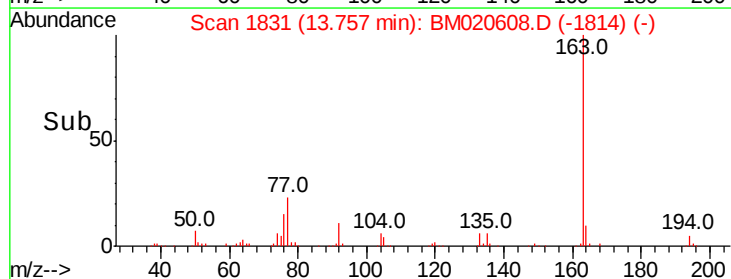
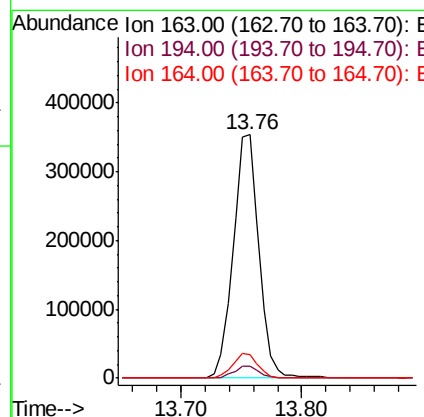
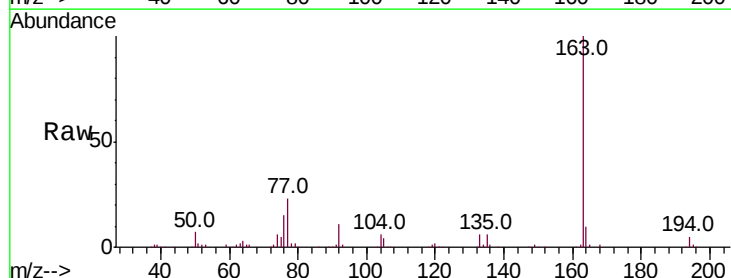
RT: 13.76 min Scan# 1831

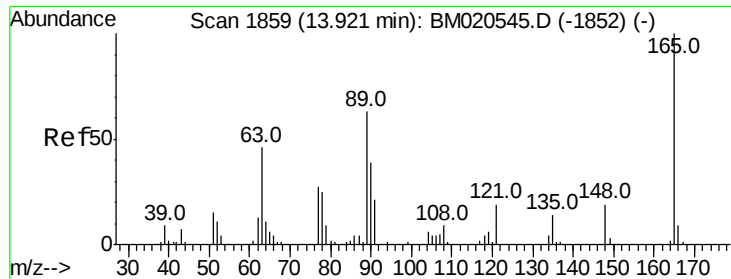
Delta R.T. -0.00 min

Lab File: BM020608.D

Acq: 29 May 2019 20:25

Tgt Ion:	163	Resp:	522751
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.9	5.9
164	9.8	8.0	12.0





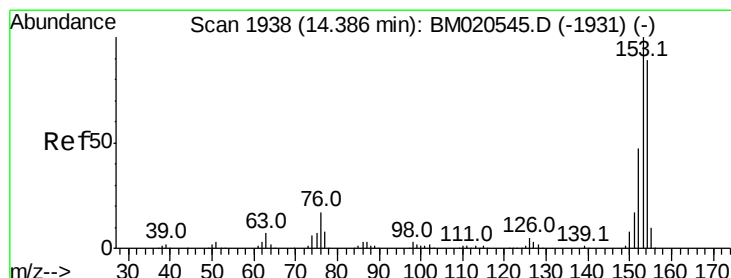
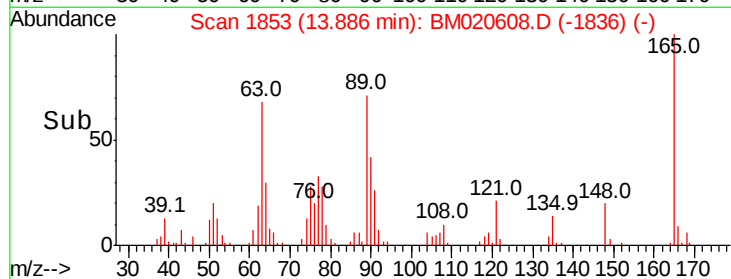
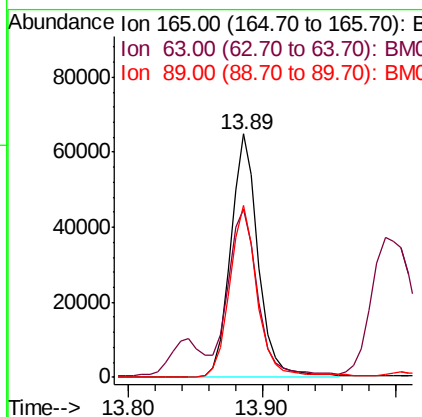
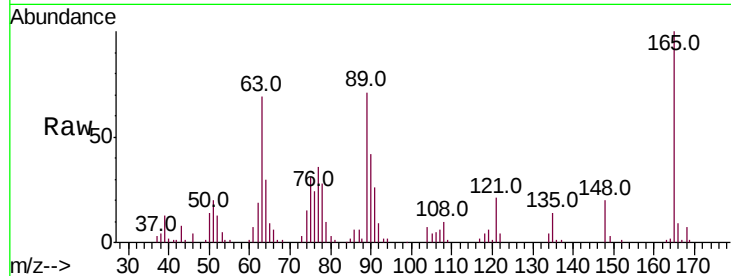
#51
2,6-Dinitrotoluene
Concen: 36.626 ng
RT: 13.89 min Scan# 1853
Delta R.T. -0.00 min
Lab File: BM020608.D
Acq: 29 May 2019 20:25

Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MSD

Tot Ion:	165	Resp:	93857
Ion Ratio	Lower	Upper	
165	100		
63	69.2	49.6	74.4
89	70.8	50.8	76.2

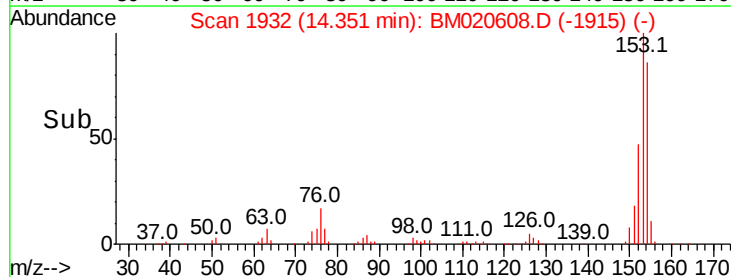
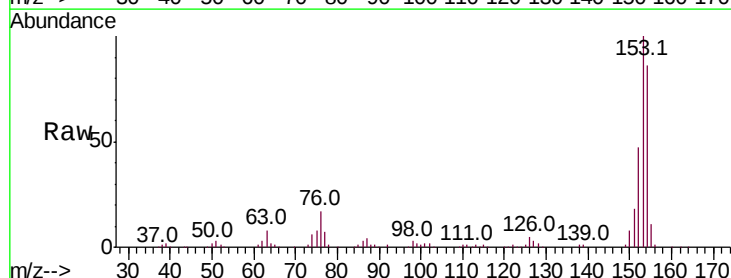
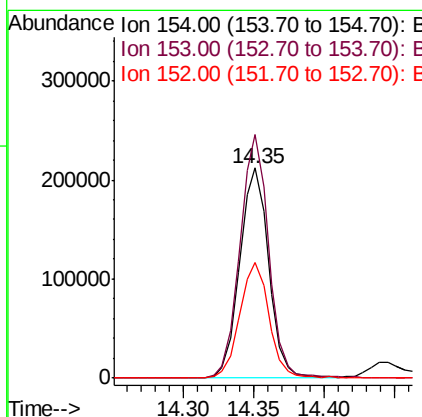
Manual Integrations
APPROVED

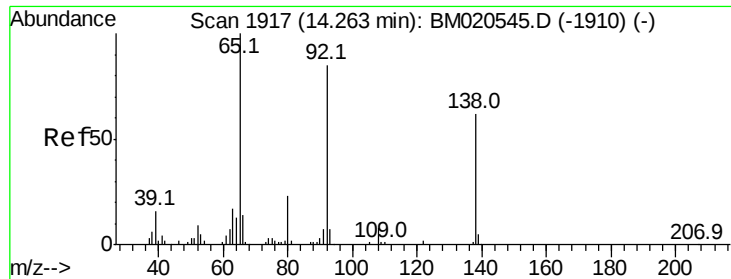
mohammad
5/30/2019 8:16:38 AM



#52
Acenaphthene
Concen: 36.837 ng
RT: 14.35 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BM020608.D
Acq: 29 May 2019 20:25

Tgt Ion:	154	Resp:	305944
Ion Ratio	Lower	Upper	
154	100		
153	116.0	90.2	135.4
152	54.9	42.0	63.0





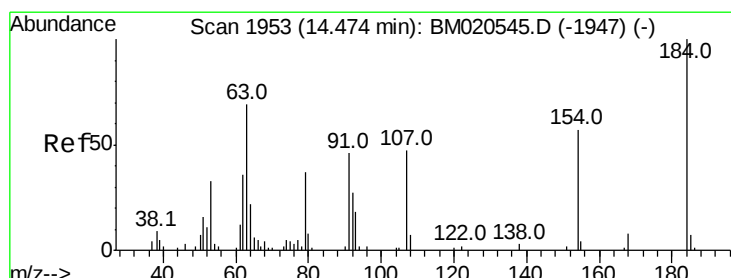
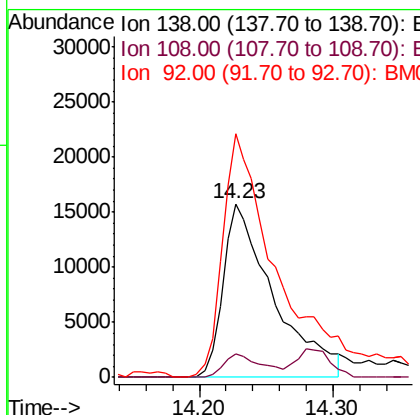
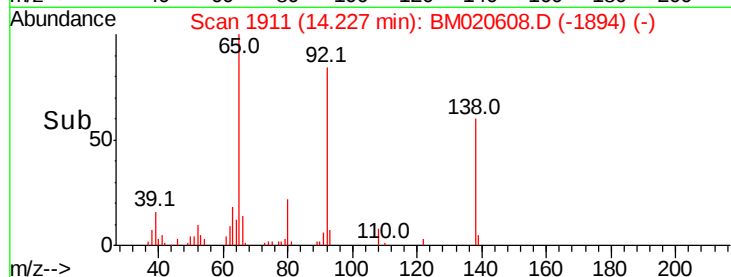
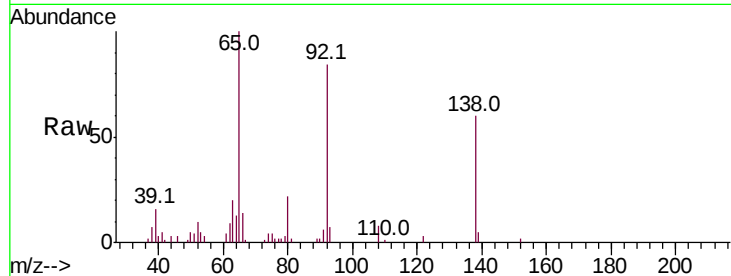
#53
3-Nitroaniline
Concen: 21.595 ng
RT: 14.23 min Scan# 1911
Delta R.T. -0.00 min
Lab File: BM020608.D
Acq: 29 May 2019 20:25

Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MSD

Tot Ion:138 Resp: 41391
Ion Ratio Lower Upper
138 100
108 13.2 10.1 15.1
92 140.2 109.5 164.3

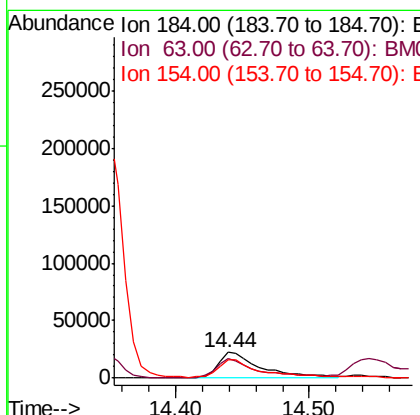
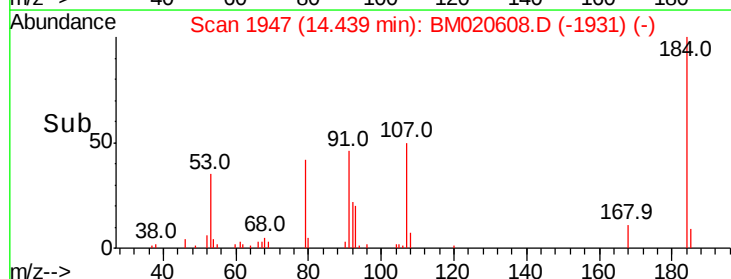
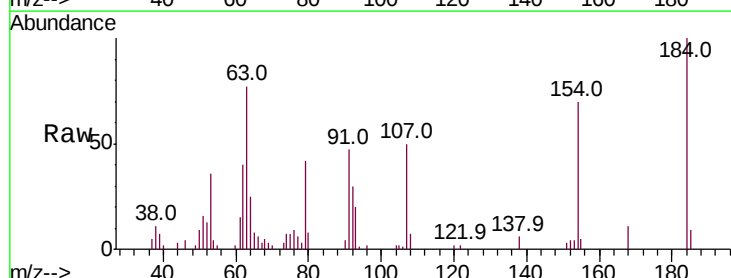
Manual Integrations
APPROVED

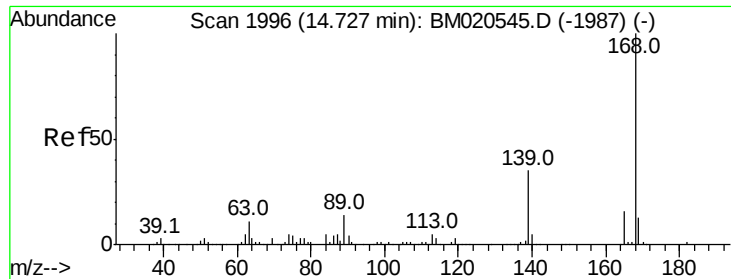
mohammad
5/30/2019 8:16:38 AM



#54
2,4-Dinitrophenol
Concen: 37.209 ng
RT: 14.44 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BM020608.D
Acq: 29 May 2019 20:25

Tgt Ion:184 Resp: 50805
Ion Ratio Lower Upper
184 100
63 77.4 56.3 84.5
154 70.3 49.0 73.6





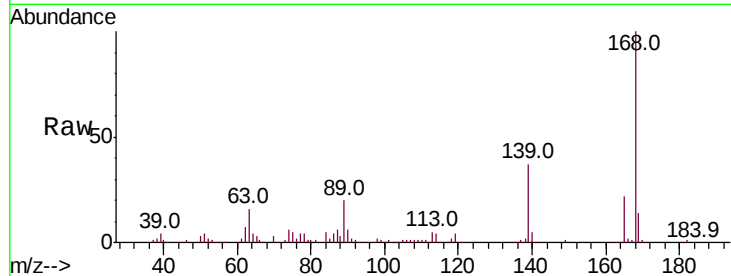
#55
Dibenzofuran
Concen: 38.275 ng
RT: 14.69 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BM020608.D
Acq: 29 May 2019 20:25

Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MSD

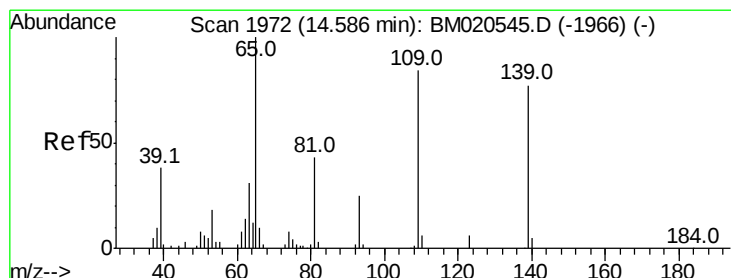
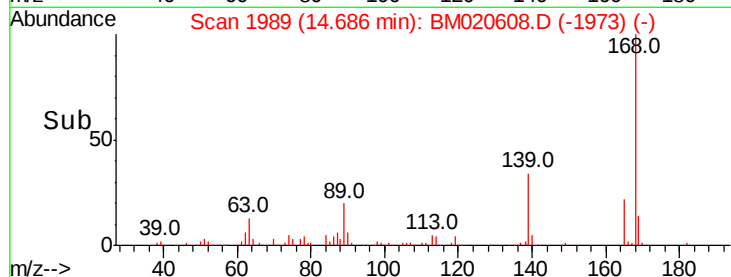
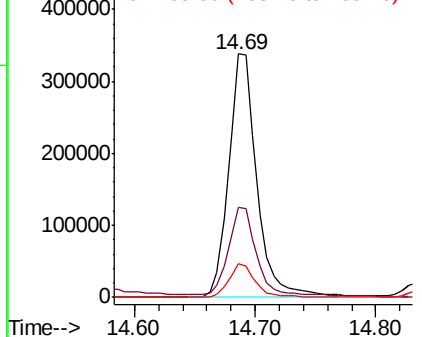
Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	36.7	28.2	42.4	
169	13.6	10.6	16.0	

Manual Integrations
APPROVED

mohammad
5/30/2019 8:16:38 AM

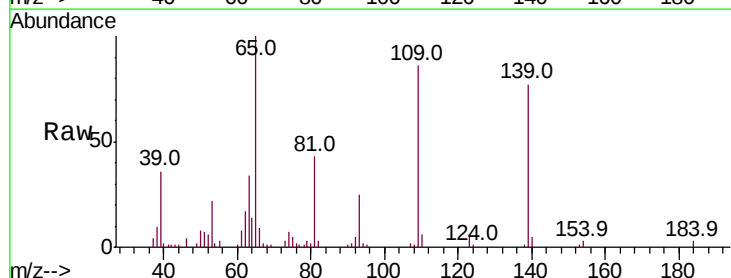


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

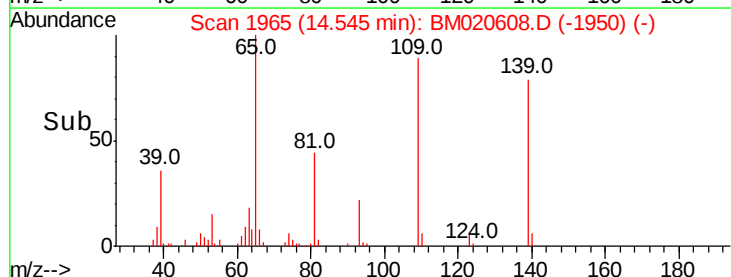
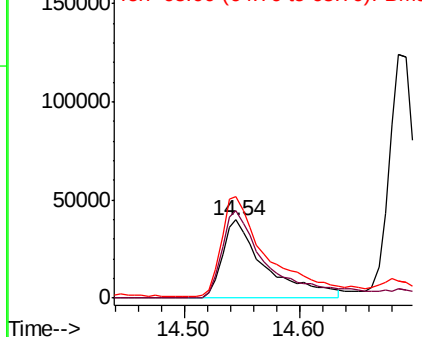


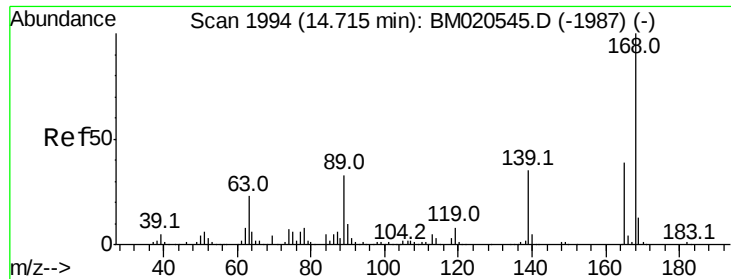
#56
4-Nitrophenol
Concen: 62.877 ng
RT: 14.54 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BM020608.D
Acq: 29 May 2019 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	112.6	89.4	129.4	
65	130.7	113.3	153.3	



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BM





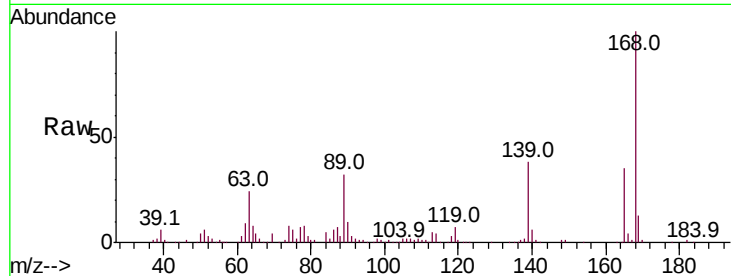
#57
 2,4-Dinitrotoluene
 Concen: 35.313 ng
 RT: 14.68 min Scan# 1988
 Delta R.T. -0.00 min
 Lab File: BM020608.D
 Acq: 29 May 2019 20:25

Instrument :
 BNA_M
 ClientSampleId :
 COMP-5.8.19MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	68.3	48.7	73.1
89	91.5	68.8	103.2
182	3.2	2.6	4.0

Manual Integrations
 APPROVED

mohammad
 5/30/2019 8:16:38 AM



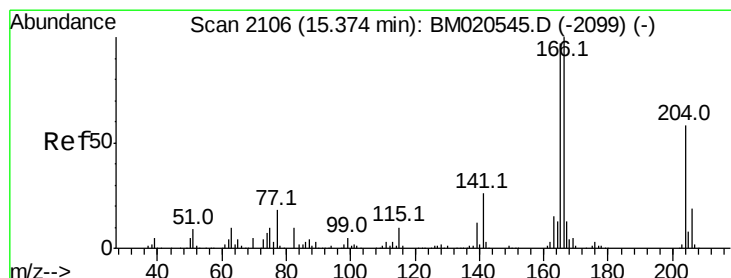
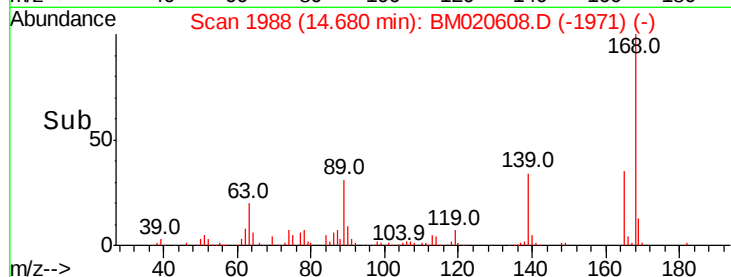
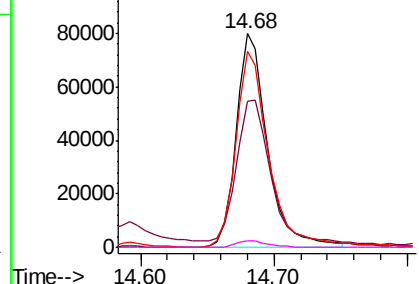
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

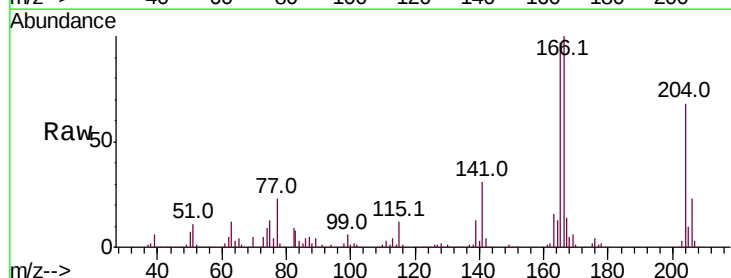
Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 36.444 ng
 RT: 15.34 min Scan# 2100
 Delta R.T. -0.00 min
 Lab File: BM020608.D
 Acq: 29 May 2019 20:25

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.9	77.4	116.0
167	14.0	10.6	16.0

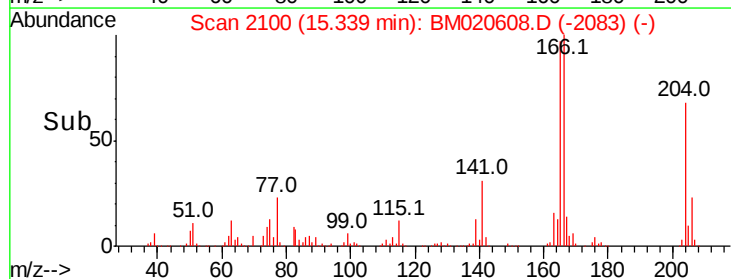
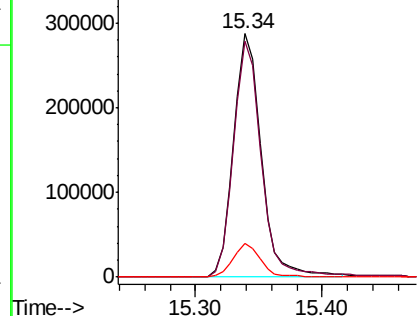


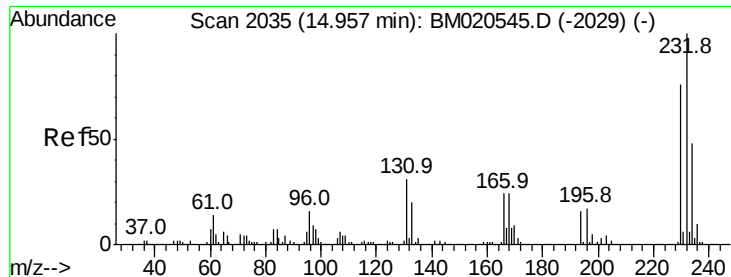
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





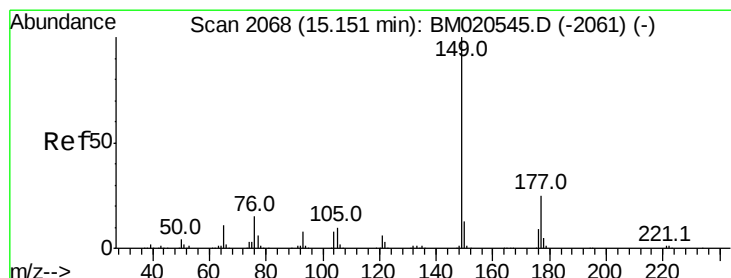
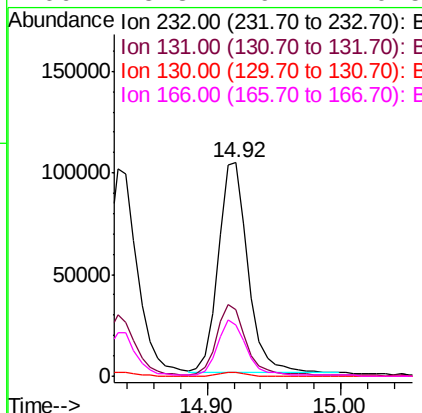
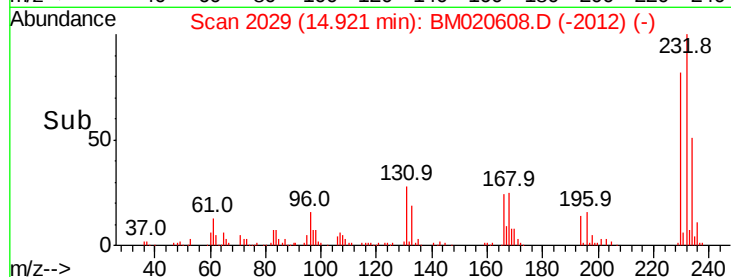
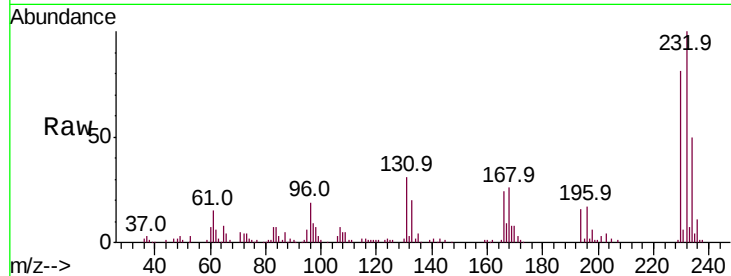
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.981 ng
 RT: 14.92 min Scan# 2029
 Delta R.T. -0.00 min
 Lab File: BM020608.D
 Acq: 29 May 2019 20:25

Instrument :
 BNA_M
 ClientSampleId :
 COMP-5.8.19MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	160802		
131	32.7	25.4	38.0	
130	1.9	1.5	2.3	
166	25.3	19.7	29.5	

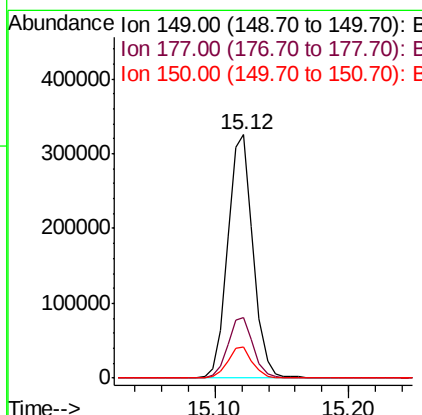
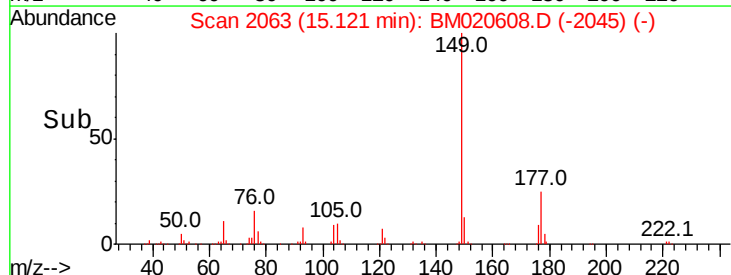
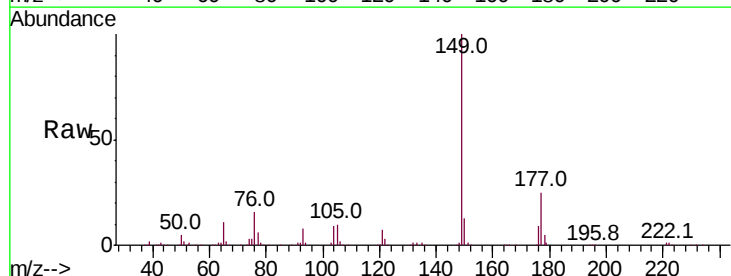
Manual Integrations
 APPROVED

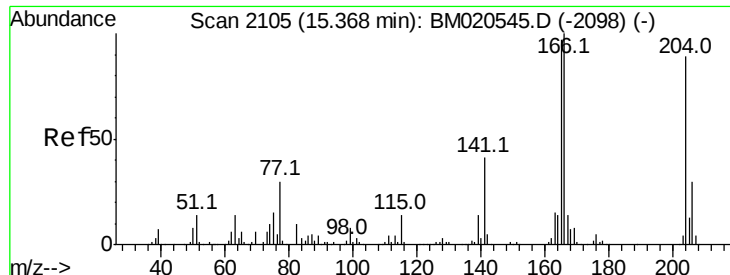
mohammad
 5/30/2019 8:16:38 AM



#60
 Diethylphthalate
 Concen: 35.639 ng
 RT: 15.12 min Scan# 2063
 Delta R.T. 0.01 min
 Lab File: BM020608.D
 Acq: 29 May 2019 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	431729		
177	24.6	19.8	29.8	
150	12.7	10.2	15.2	





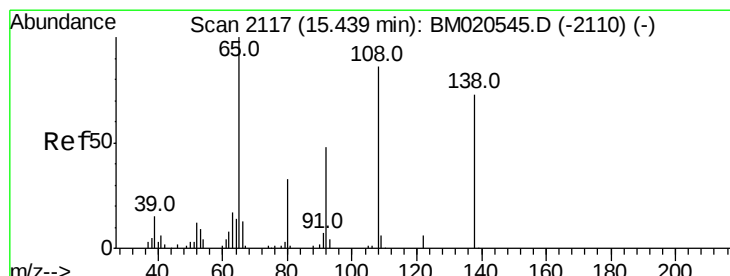
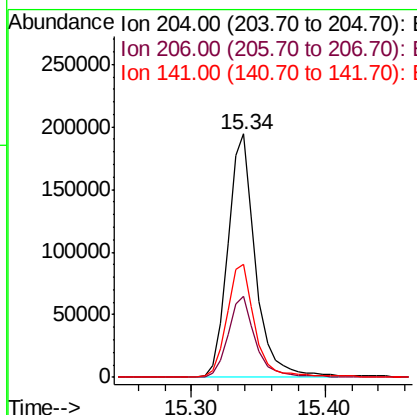
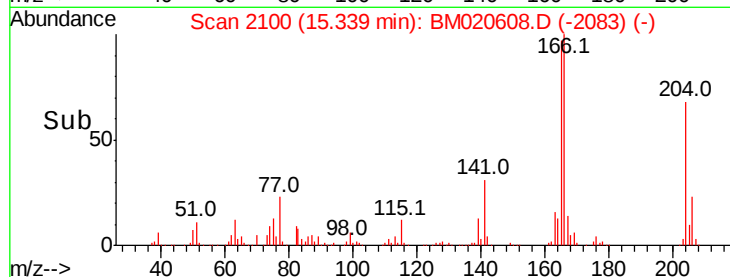
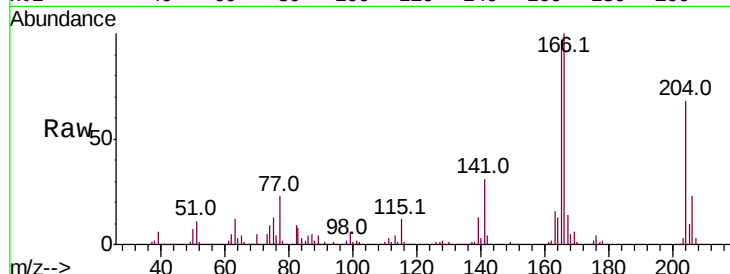
#61
4-Chlorophenyl-phenylether
Concen: 36.777 ng
RT: 15.34 min Scan# 2100
Delta R.T. -0.00 min
Lab File: BM020608.D
Acq: 29 May 2019 20:25

Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	280301		
206	33.4	26.6	40.0	
141	46.4	36.9	55.3	

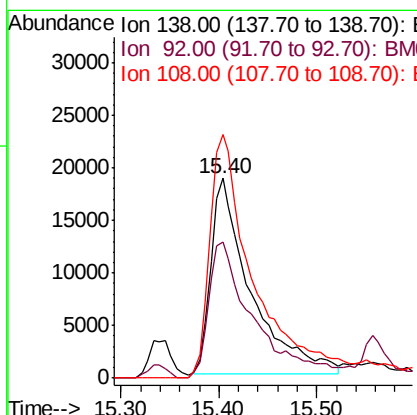
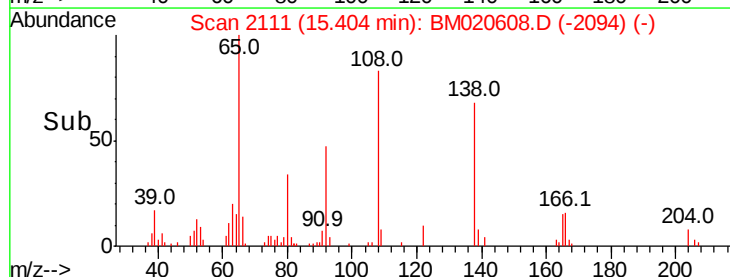
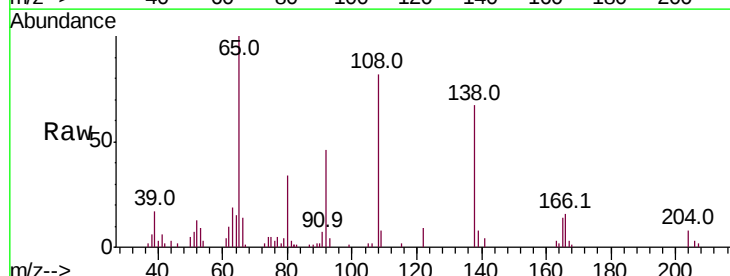
Manual Integrations
APPROVED

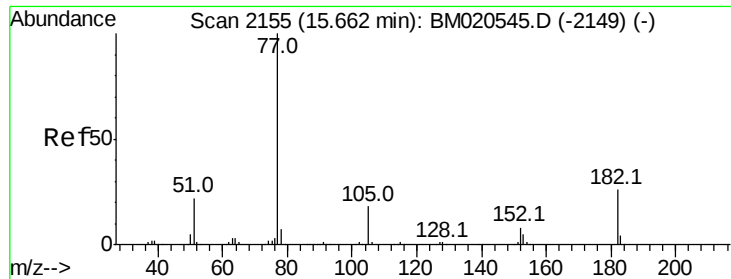
mohammad
5/30/2019 8:16:38 AM



#62
4-Nitroaniline
Concen: 24.593 ng m
RT: 15.40 min Scan# 2111
Delta R.T. -0.00 min
Lab File: BM020608.D
Acq: 29 May 2019 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	52974		
92	68.3	44.5	84.5	
108	121.8	95.9	135.9	





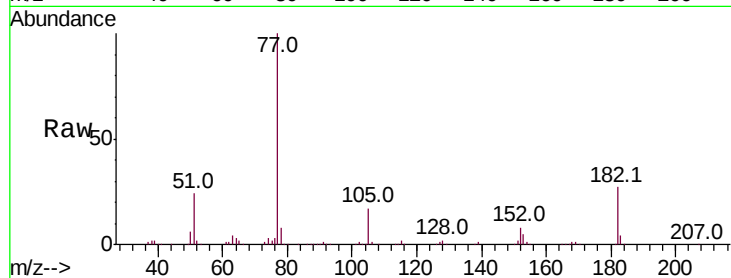
#63
Azobenzene
Concen: 36.965 ng
RT: 15.63 min Scan# 2150
Delta R.T. -0.00 min
Lab File: BM020608.D
Acq: 29 May 2019 20:25

Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.4	5.7	45.7
105	16.8	0.0	37.6
51	23.8	1.7	41.7

Manual Integrations
APPROVED

mohammad
5/30/2019 8:16:38 AM

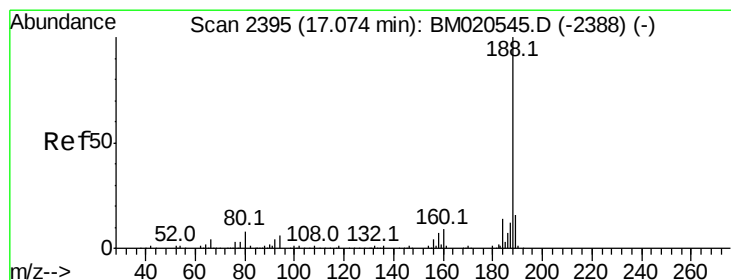
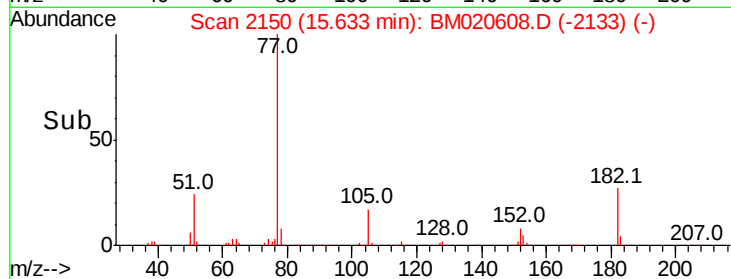
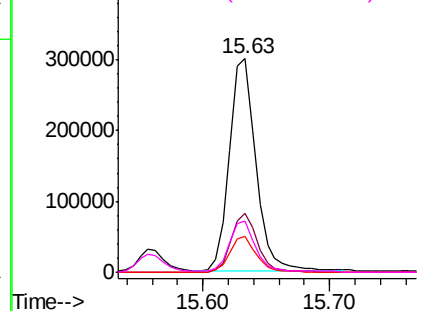


Abundance Ion 77.00 (76.70 to 77.70): BM020545.D (-2149) (-)

Ion 182.00 (181.70 to 182.70): BM020545.D (-2149) (-)

Ion 105.00 (104.70 to 105.70): BM020545.D (-2149) (-)

Ion 51.00 (50.70 to 51.70): BM020545.D (-2149) (-)



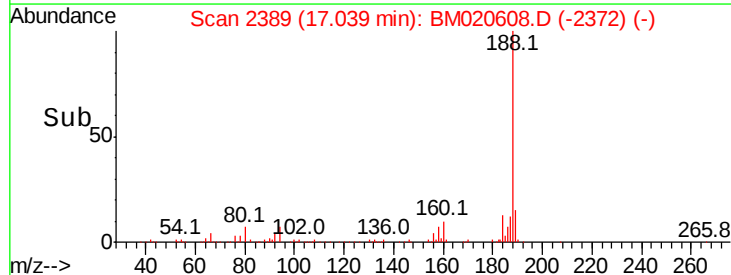
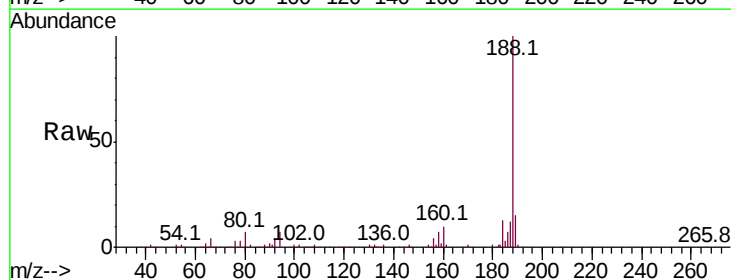
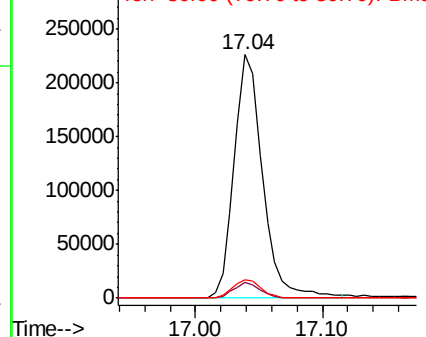
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2389
Delta R.T. -0.00 min
Lab File: BM020608.D
Acq: 29 May 2019 20:25

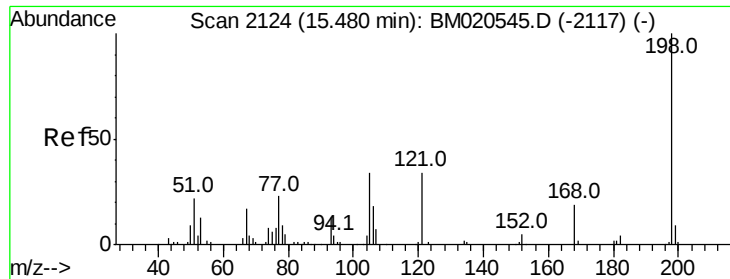
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.6	5.0	7.4
80	7.3	6.5	9.7

Abundance Ion 188.00 (187.70 to 188.70): BM020545.D (-2388) (-)

Ion 94.00 (93.70 to 94.70): BM020545.D (-2388) (-)

Ion 80.00 (79.70 to 80.70): BM020545.D (-2388) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 30.218 ng

RT: 15.44 min Scan# 2118

Delta R.T. -0.00 min

Lab File: BM020608.D

Acq: 29 May 2019 20:25

Instrument :

BNA_M

ClientSampleID :

COMP-5.8.19MSD

Tot Ion:198 Resp: 61420

Ion Ratio Lower Upper

198 100

51 28.7 6.4 46.4

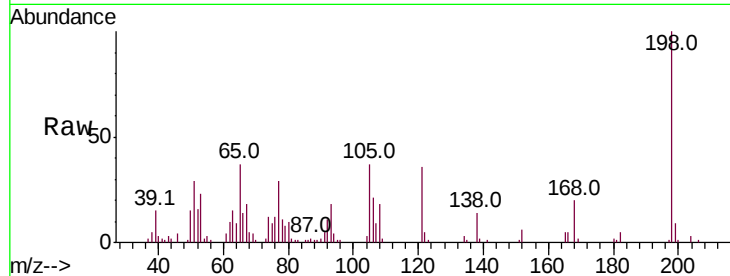
105 36.5 15.1 55.1

Manual Integrations

APPROVED

mohammad

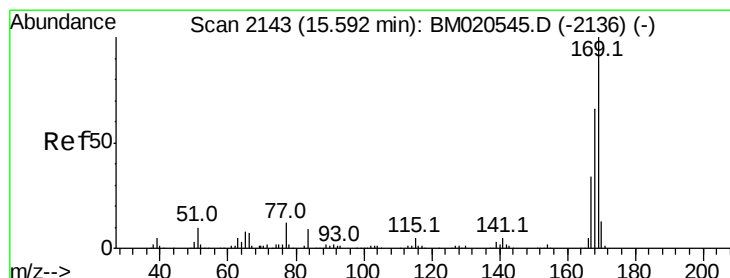
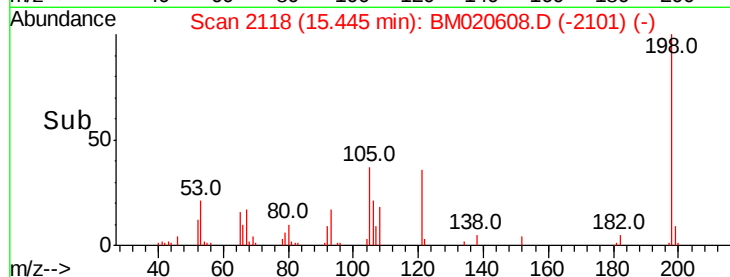
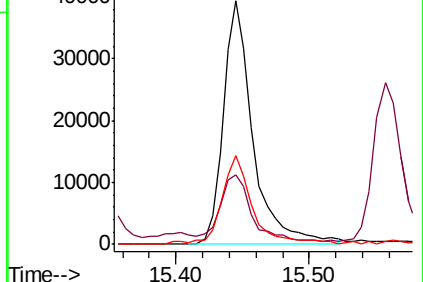
5/30/2019 8:16:38 AM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.180 ng

RT: 15.56 min Scan# 2137

Delta R.T. -0.00 min

Lab File: BM020608.D

Acq: 29 May 2019 20:25

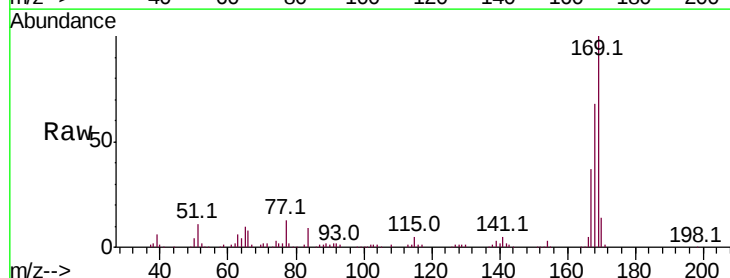
Tgt Ion:169 Resp: 374359

Ion Ratio Lower Upper

169 100

168 67.6 52.5 78.7

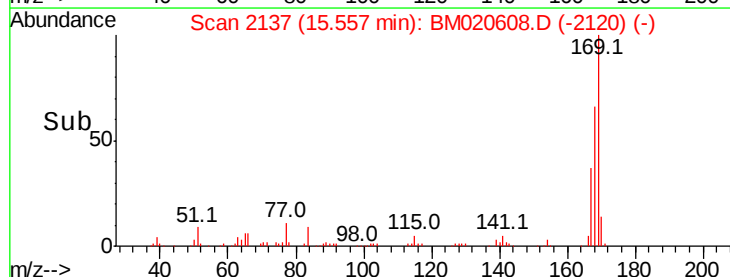
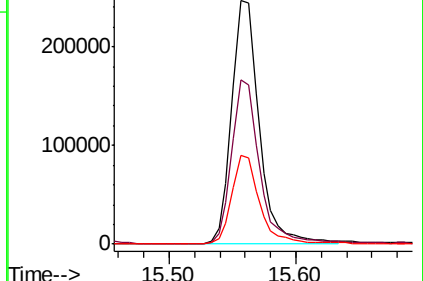
167 36.6 27.5 41.3

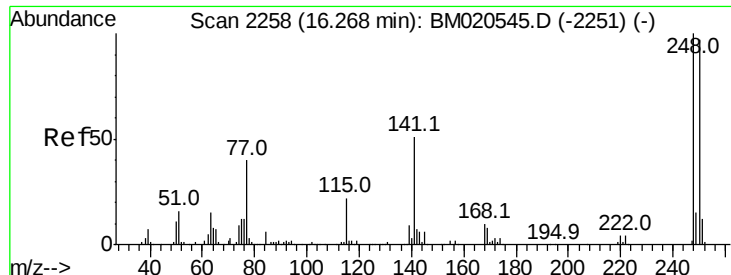


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





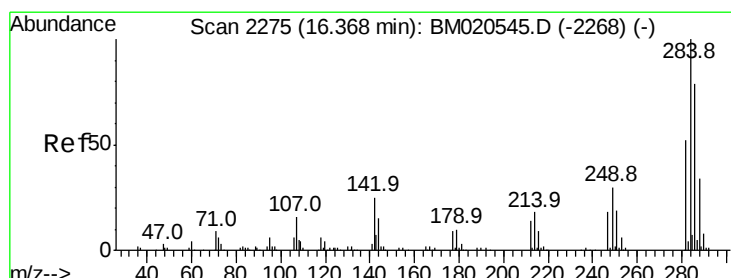
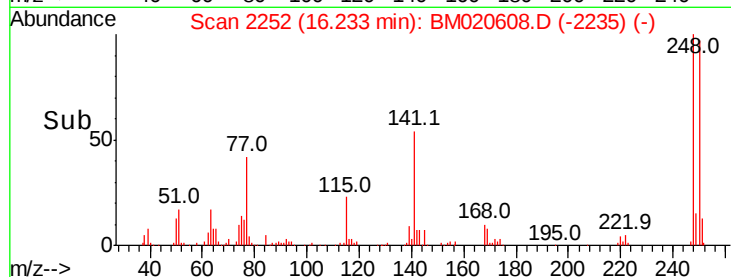
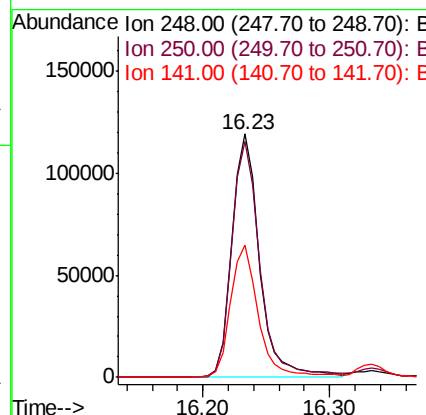
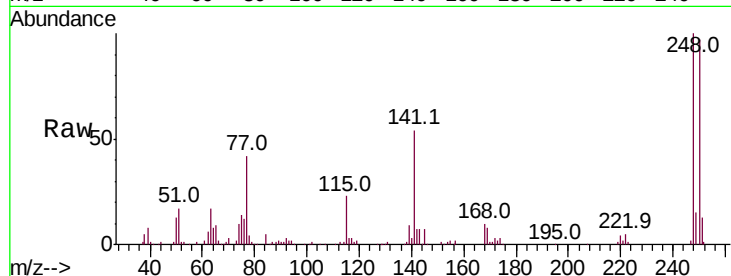
#67
 4-Bromophenyl-phenylether
 Concen: 38.271 ng
 RT: 16.23 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: BM020608.D
 Acq: 29 May 2019 20:25

Instrument :
 BNA_M
 ClientSampleId :
 COMP-5.8.19MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.1	77.8	116.6
141	54.2	41.0	61.6

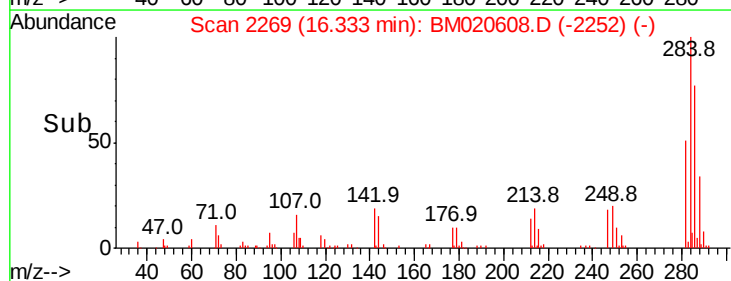
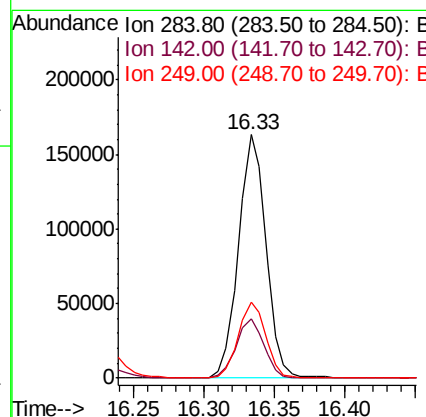
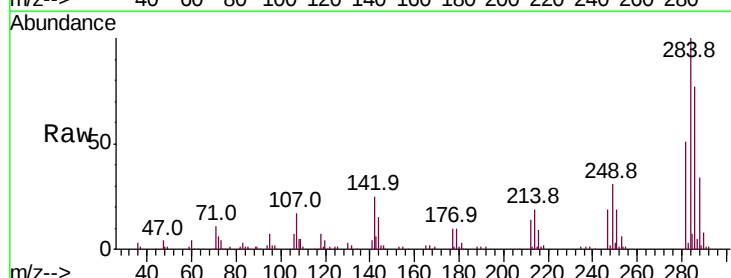
Manual Integrations
 APPROVED

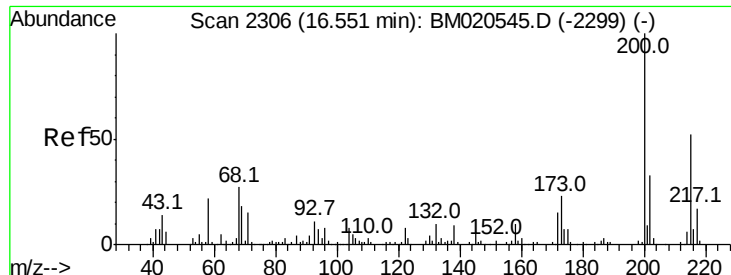
mohammad
 5/30/2019 8:16:38 AM



#68
 Hexachlorobenzene
 Concen: 39.070 ng
 RT: 16.33 min Scan# 2269
 Delta R.T. -0.00 min
 Lab File: BM020608.D
 Acq: 29 May 2019 20:25

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.5	20.2	30.2
249	31.0	23.9	35.9





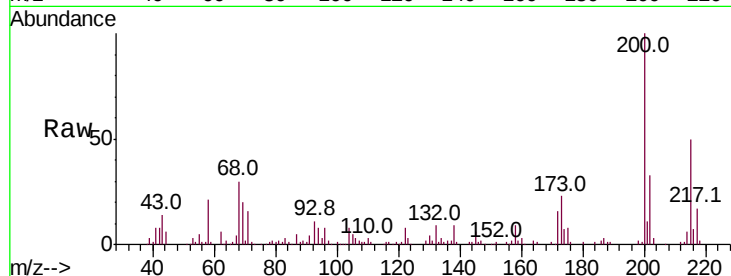
#69
 Atrazine
 Concen: 37.025 ng
 RT: 16.52 min Scan# 2300
 Delta R.T. -0.00 min
 Lab File: BM020608.D
 Acq: 29 May 2019 20:25

Instrument :
 BNA_M
 ClientSampleId :
 COMP-5.8.19MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	145553		
173	23.5	3.2	43.2	
215	50.3	31.7	71.7	

Manual Integrations
 APPROVED

mohammad
 5/30/2019 8:16:38 AM

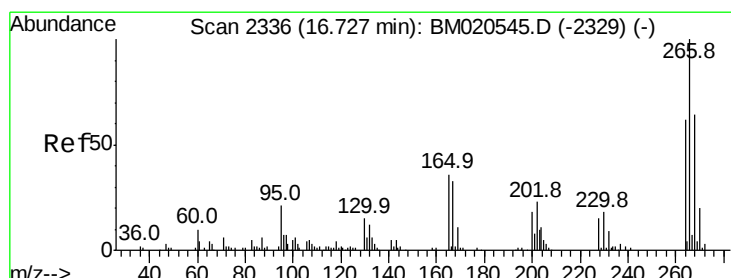
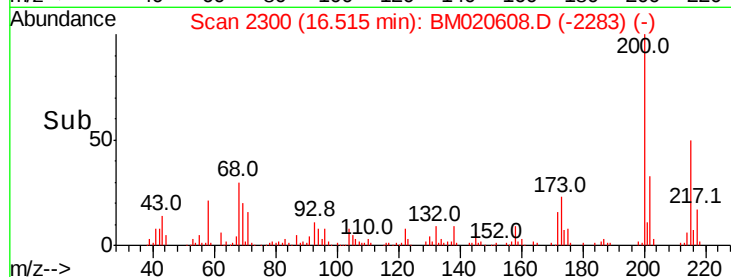
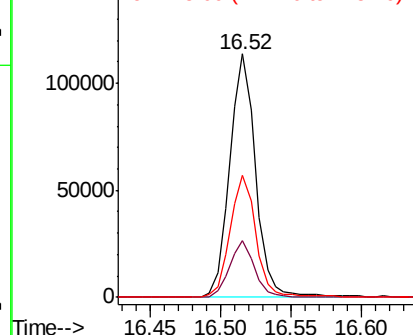


Abundance

Ion 200.00 (199.70 to 200.70): E

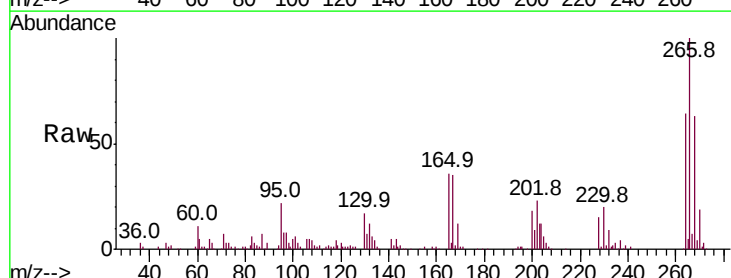
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 90.049 ng
 RT: 16.69 min Scan# 2329
 Delta R.T. -0.01 min
 Lab File: BM020608.D
 Acq: 29 May 2019 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	264741		
268	63.3	51.0	76.4	
264	63.7	49.8	74.8	

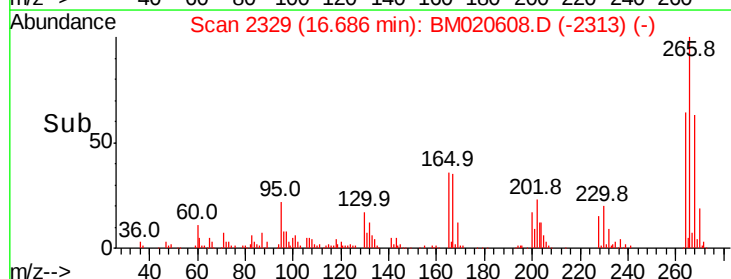
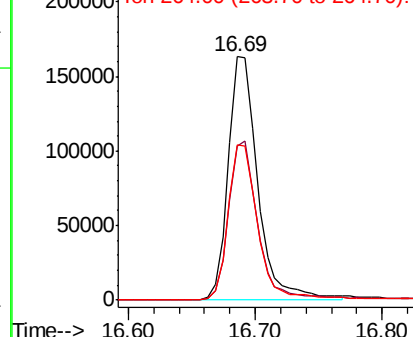


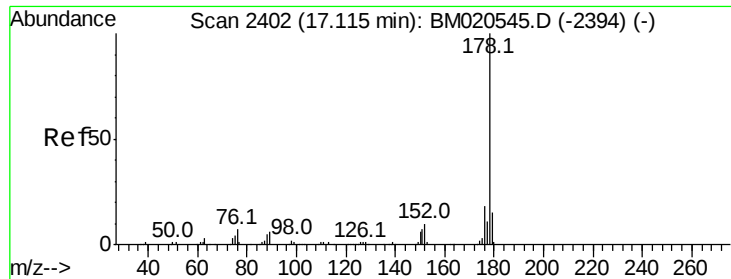
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 37.334 ng

RT: 17.09 min Scan# 2397

Delta R.T. -0.00 min

Lab File: BM020608.D

Acq: 29 May 2019 20:25

Instrument :

BNA_M

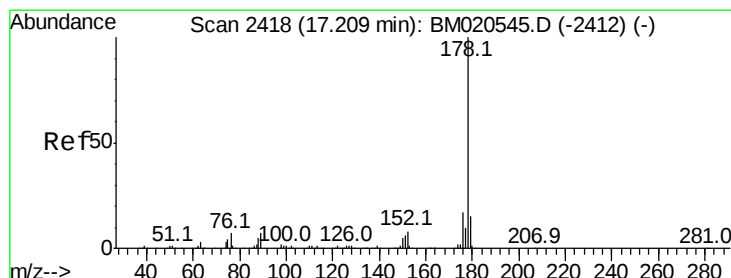
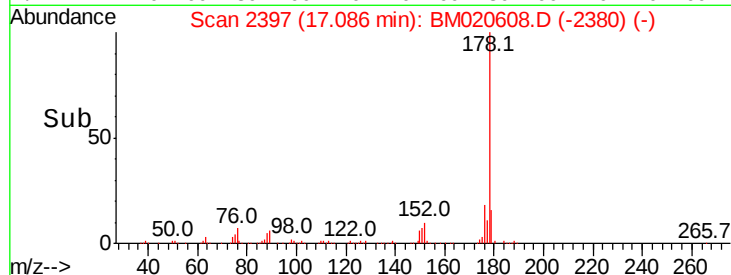
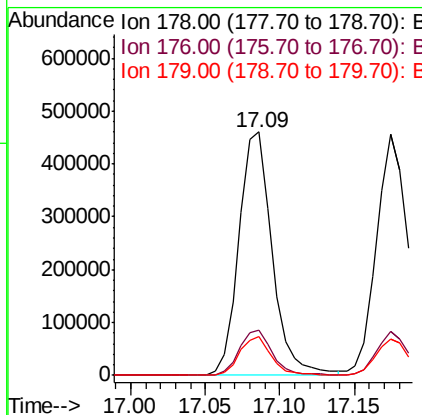
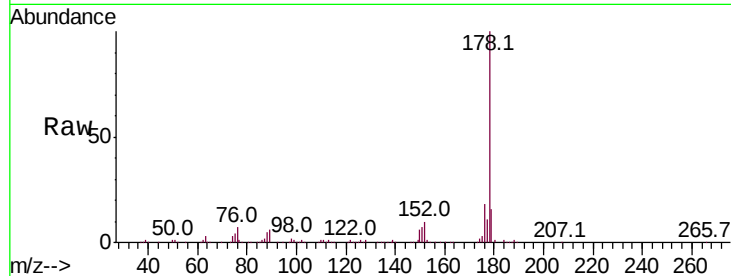
ClientSampleId :

COMP-5.8.19MSD

Tot Ion:	178	Resp:	714715
Ion Ratio	Lower	Upper	
178	100		
176	18.5	14.7	22.1
179	15.7	12.2	18.2

Manual Integrations
APPROVED

mohammad
5/30/2019 8:16:38 AM



#72

Anthracene

Concen: 36.072 ng

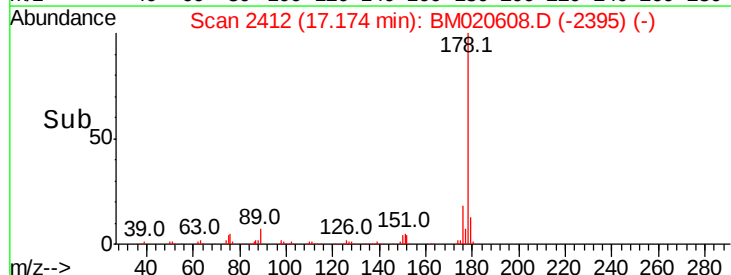
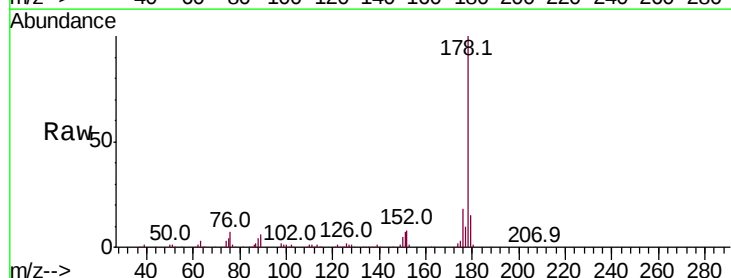
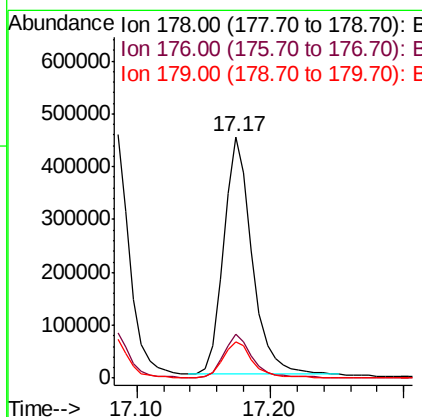
RT: 17.17 min Scan# 2412

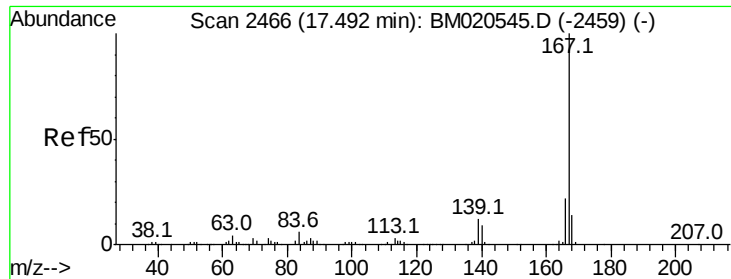
Delta R.T. -0.00 min

Lab File: BM020608.D

Acq: 29 May 2019 20:25

Tgt Ion:	178	Resp:	669680
Ion Ratio	Lower	Upper	
178	100		
176	18.1	14.0	21.0
179	14.9	12.4	18.6





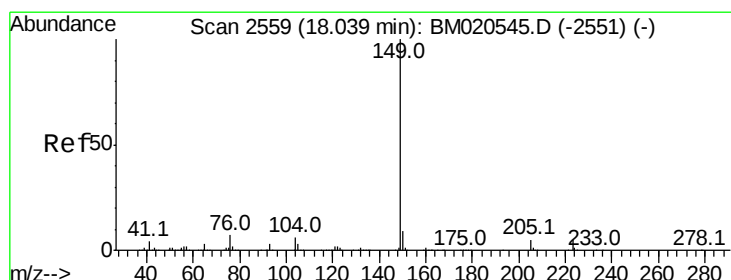
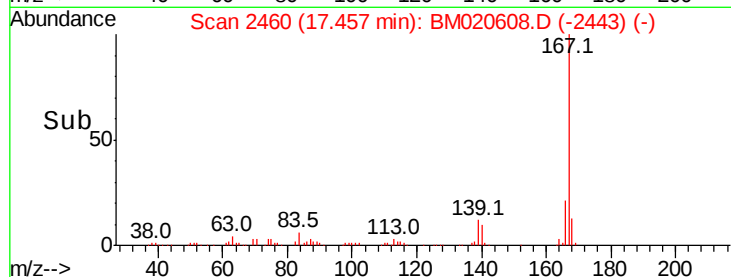
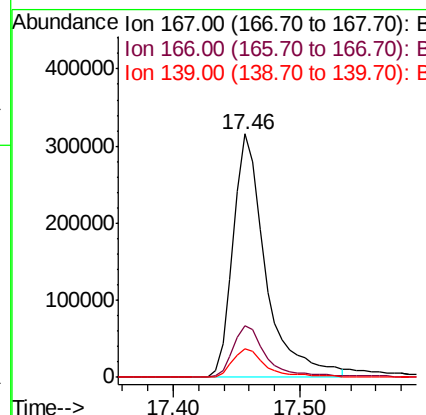
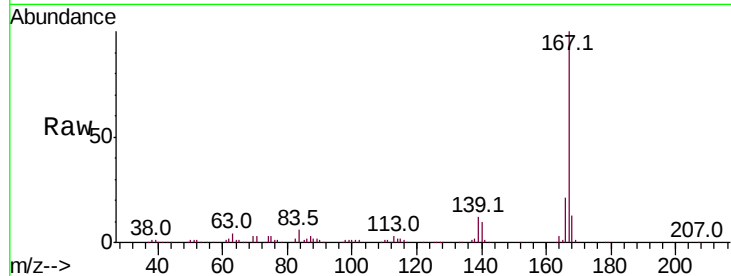
#73
 Carbazole
 Concen: 35.467 ng
 RT: 17.46 min Scan# 2460
 Delta R.T. -0.00 min
 Lab File: BM020608.D
 Acq: 29 May 2019 20:25

Instrument :
 BNA_M
 ClientSampleId :
 COMP-5.8.19MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.4	26.0
139	11.6	9.3	13.9

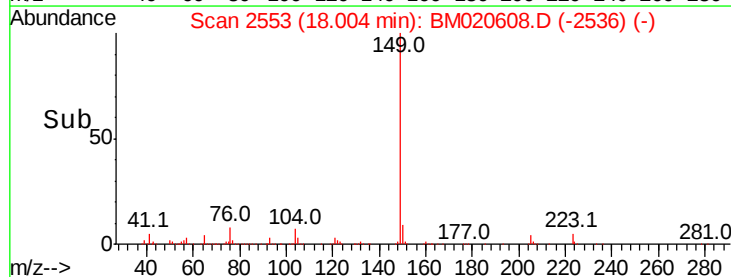
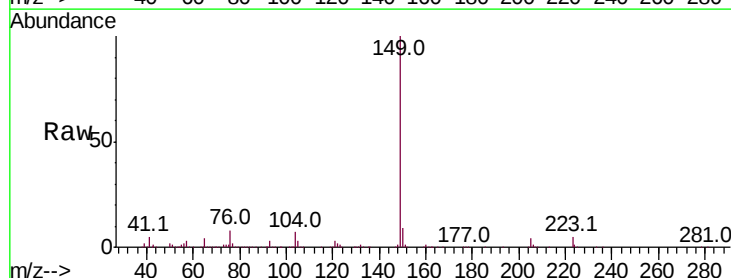
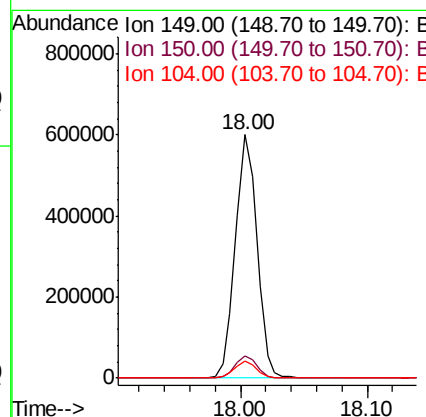
Manual Integrations
 APPROVED

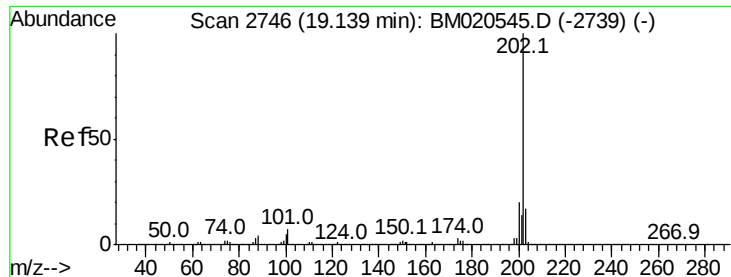
mohammad
 5/30/2019 8:16:38 AM



#74
 Di-n-butylphthalate
 Concen: 36.170 ng
 RT: 18.00 min Scan# 2553
 Delta R.T. -0.00 min
 Lab File: BM020608.D
 Acq: 29 May 2019 20:25

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	6.9	5.0	7.4





#75

Fluoranthene

Concen: 37.259 ng

RT: 19.10 min Scan# 2740

Delta R.T. -0.01 min

Lab File: BM020608.D

Acq: 29 May 2019 20:25

Instrument :

BNA_M

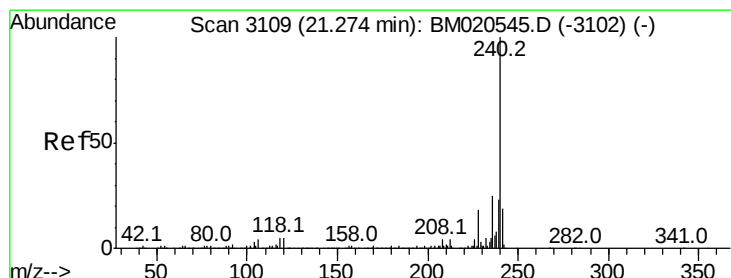
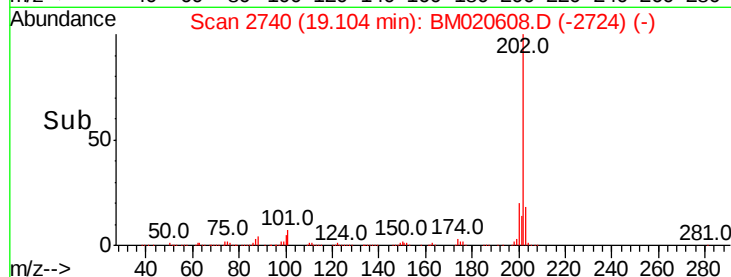
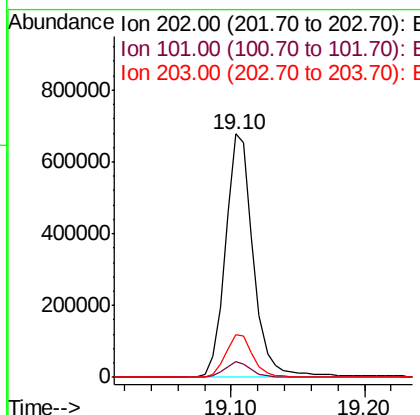
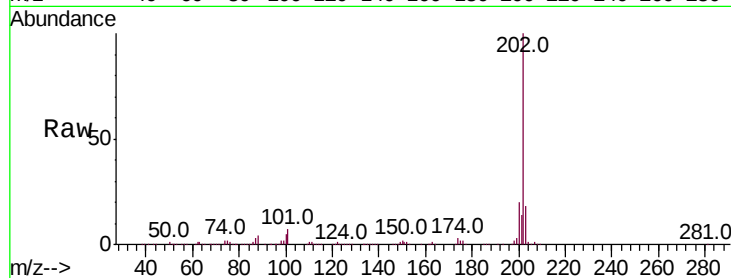
ClientSampleId :

COMP-5.8.19MSD

Tot Ion:	202	Resp:	991886
Ion Ratio	Lower	Upper	
202	100		
101	6.5	0.0	26.7
203	17.6	0.0	37.4

Manual Integrations
APPROVED

mohammad
5/30/2019 8:16:38 AM



#76

Chrysene-d12

Concen: 20.000 ng

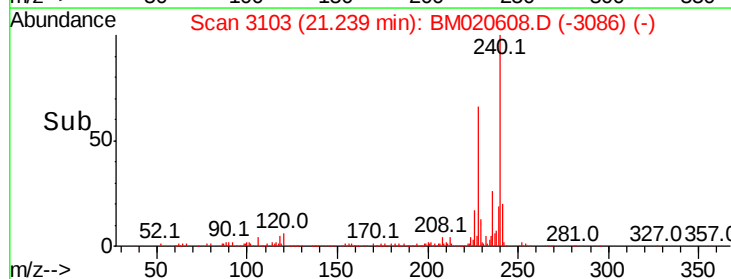
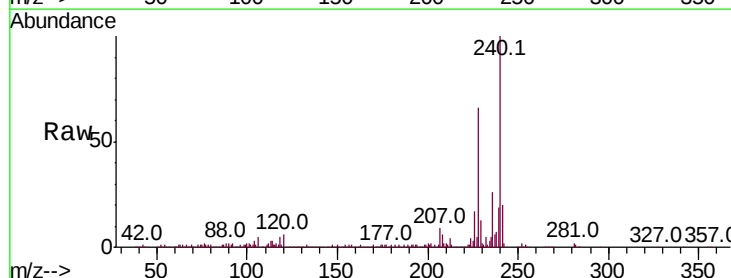
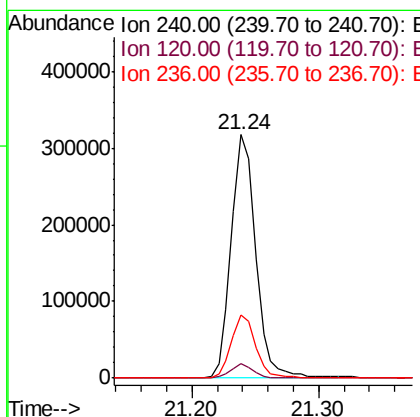
RT: 21.24 min Scan# 3103

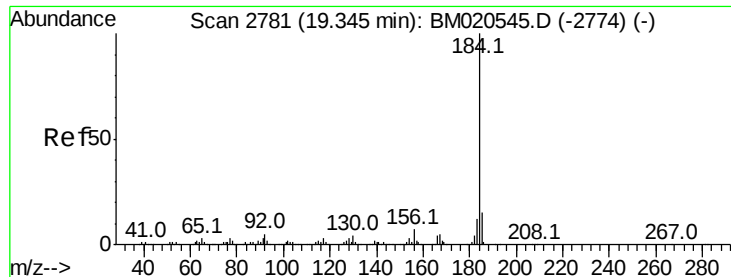
Delta R.T. -0.00 min

Lab File: BM020608.D

Acq: 29 May 2019 20:25

Tgt Ion:	240	Resp:	427771
Ion Ratio	Lower	Upper	
240	100		
120	5.7	4.1	6.1
236	25.8	20.2	30.4





#77

Benzidine

Concen: 15.199 ng/mL

RT: 19.32 min Scan# 2777

Delta R.T. -0.00 min

Lab File: BM020608.D

Acq: 29 May 2019 20:25

Instrument :

BNA_M

ClientSampleId :

COMP-5.8.19MSD

Tot Ion:184 Resp: 119488

Ion Ratio Lower Upper

184 100

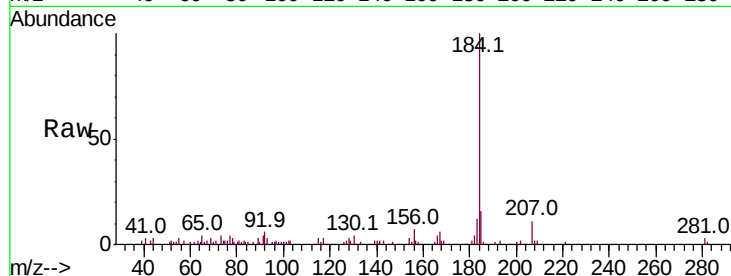
185 16.1 11.8 17.8

183 12.2 9.7 14.5

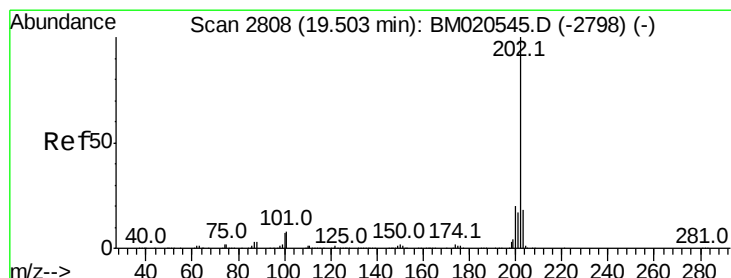
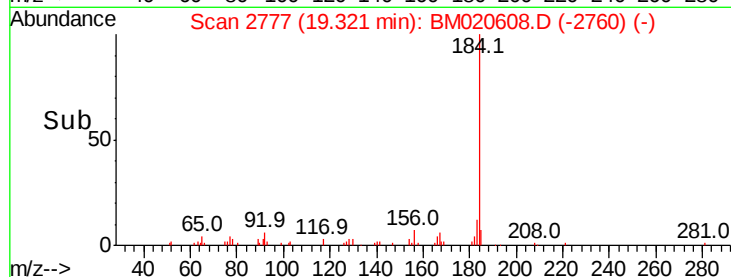
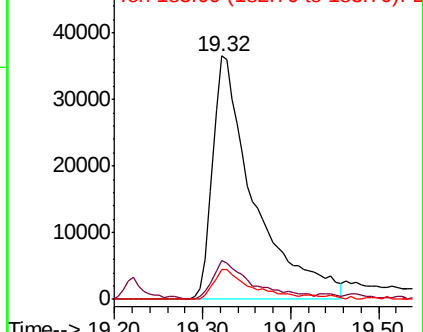
Manual Integrations
APPROVED

mohammad

5/30/2019 8:16:38 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: 37.597 ng/mL

RT: 19.47 min Scan# 2803

Delta R.T. -0.00 min

Lab File: BM020608.D

Acq: 29 May 2019 20:25

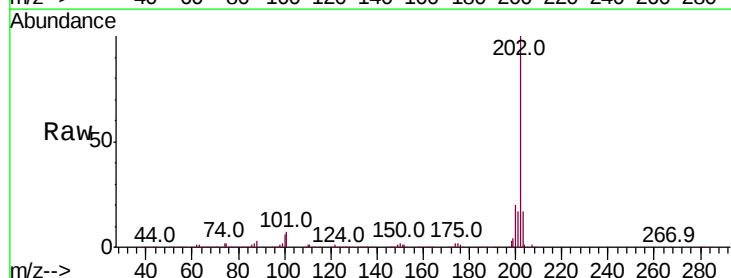
Tgt Ion:202 Resp: 1009695

Ion Ratio Lower Upper

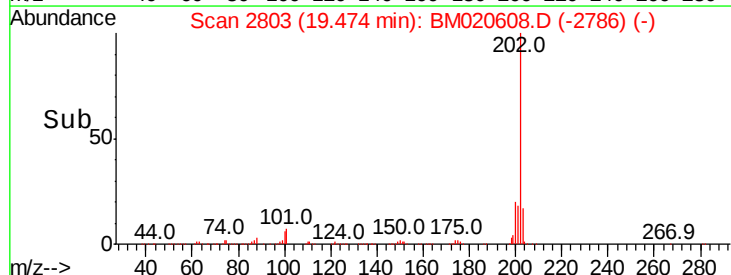
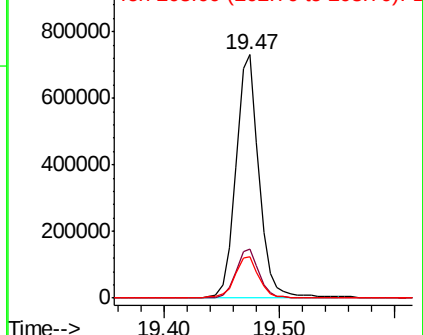
202 100

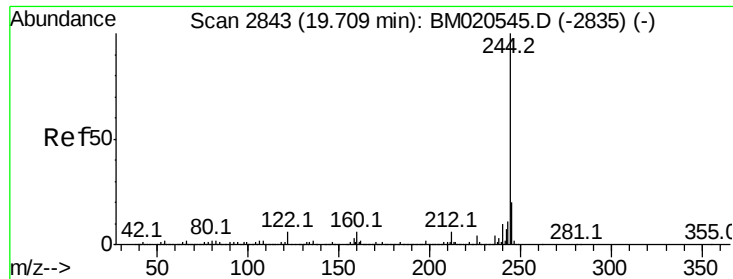
200 20.3 16.0 24.0

203 17.2 14.1 21.1



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





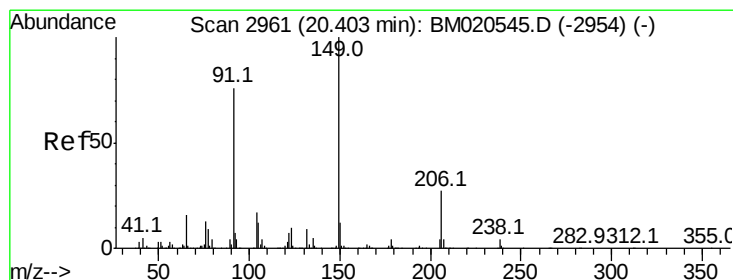
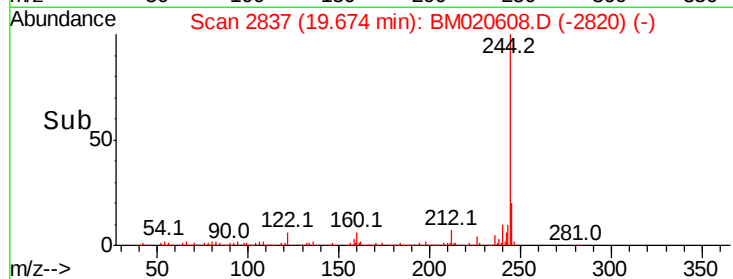
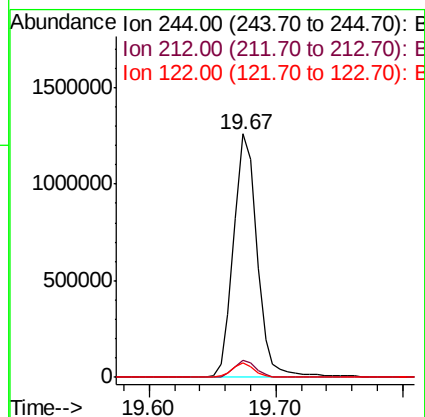
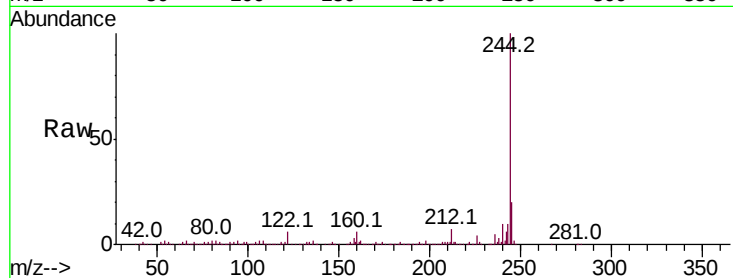
#79
Terphenyl-d14
Concen: 68.642 ng
RT: 19.67 min Scan# 2837
Delta R.T. -0.00 min
Lab File: BM020608.D
Acq: 29 May 2019 20:25

Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.0	7.6
122	5.9	4.6	7.0

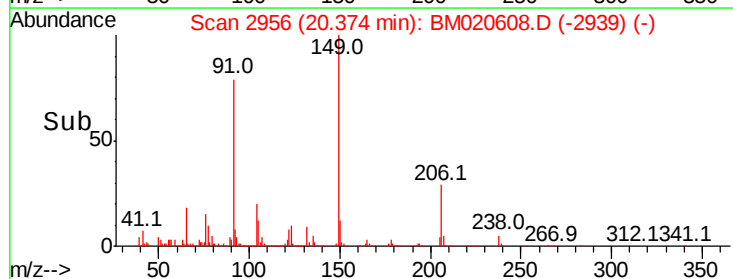
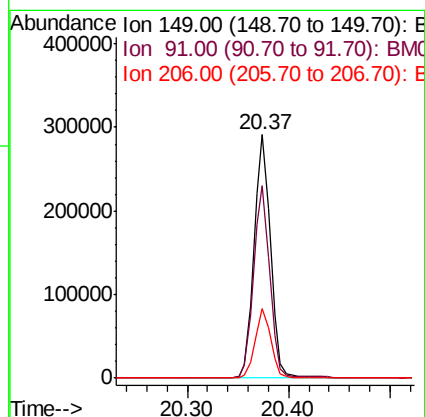
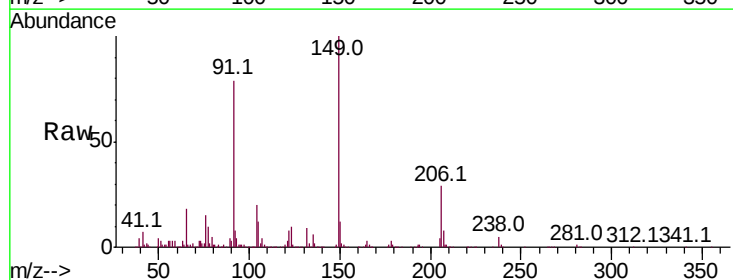
Manual Integrations
APPROVED

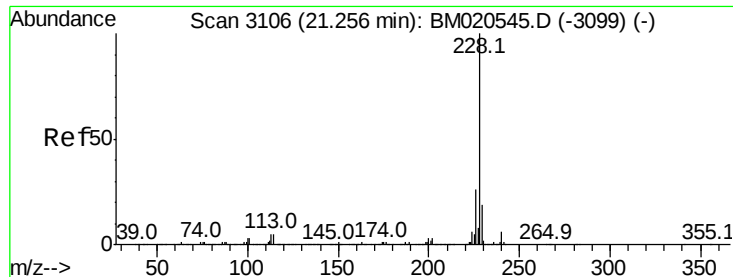
mohammad
5/30/2019 8:16:38 AM



#80
Butylbenzylphthalate
Concen: 34.977 ng
RT: 20.37 min Scan# 2956
Delta R.T. -0.00 min
Lab File: BM020608.D
Acq: 29 May 2019 20:25

Tgt Ion	Ratio	Lower	Upper
149	100		
91	79.0	60.9	91.3
206	28.7	21.6	32.4





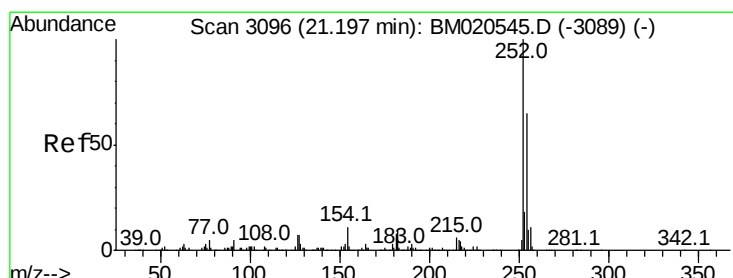
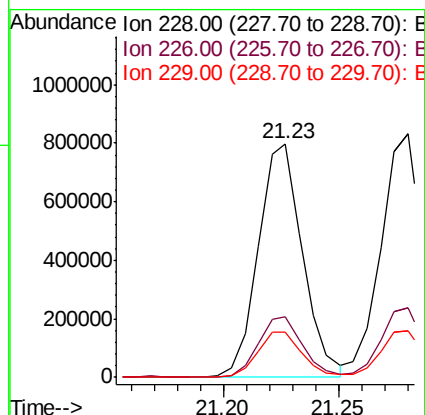
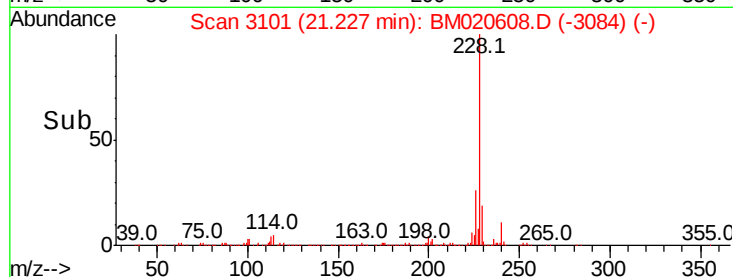
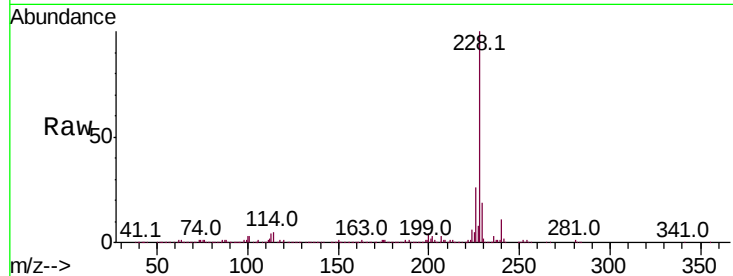
#81
Benzo(a)anthracene
Concen: 35.765 ng
RT: 21.23 min Scan# 3101
Delta R.T. -0.00 min
Lab File: BM020608.D
Acq: 29 May 2019 20:25

Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.2	20.7	31.1
229	19.4	15.5	23.3

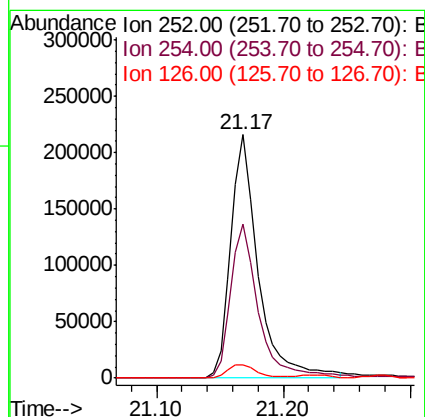
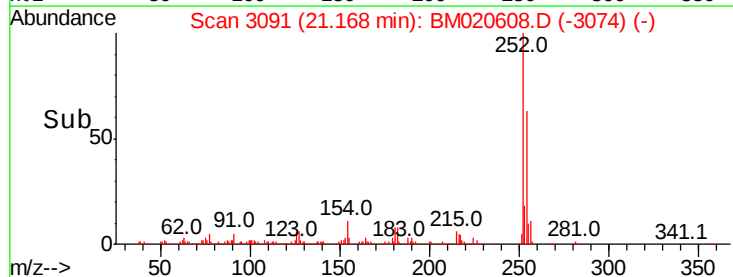
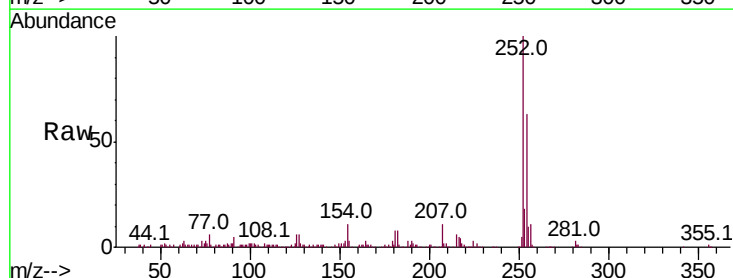
Manual Integrations
APPROVED

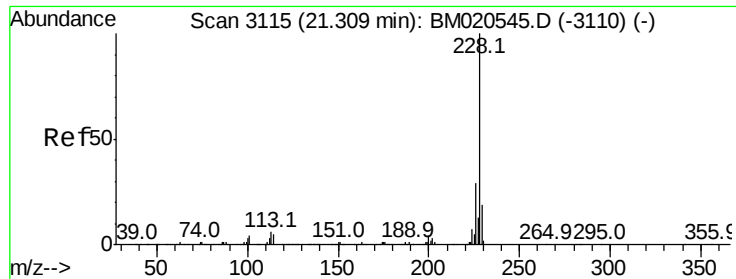
mohammad
5/30/2019 8:16:38 AM



#82
3,3'-Dichlorobenzidine
Concen: 29.969 ng
RT: 21.17 min Scan# 3091
Delta R.T. -0.00 min
Lab File: BM020608.D
Acq: 29 May 2019 20:25

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.4	51.8	77.6
126	5.5	5.2	7.8





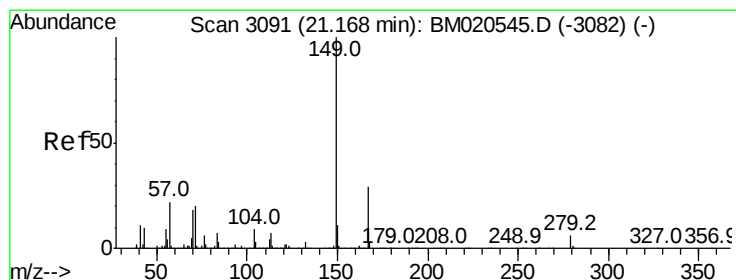
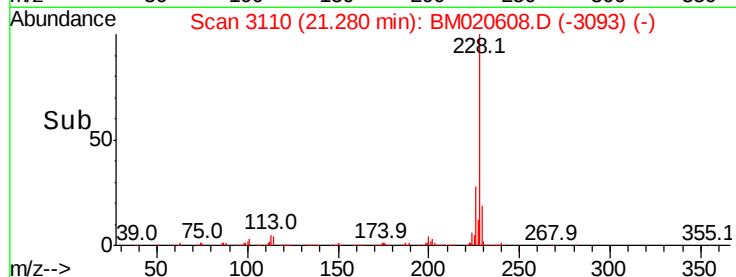
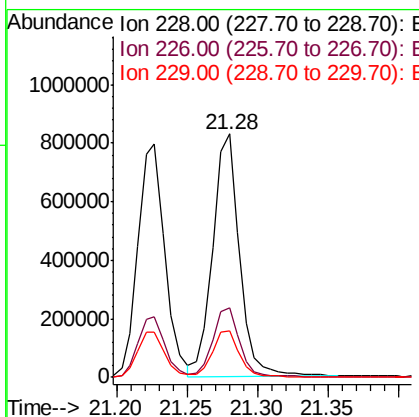
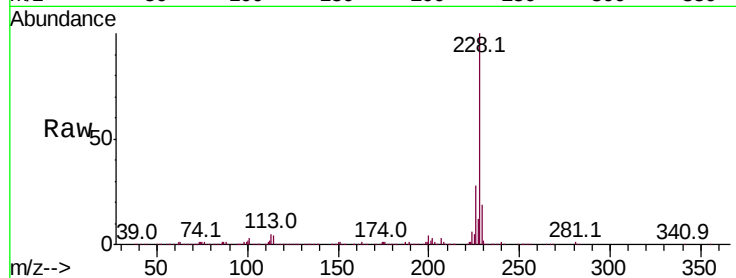
#83
 Chrysene
 Concen: 38.124 ng
 RT: 21.28 min Scan# 3110
 Delta R.T. -0.00 min
 Lab File: BM020608.D
 Acq: 29 May 2019 20:25

Instrument :
 BNA_M
 ClientSampleId :
 COMP-5.8.19MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.9	34.3
229	19.3	15.4	23.2

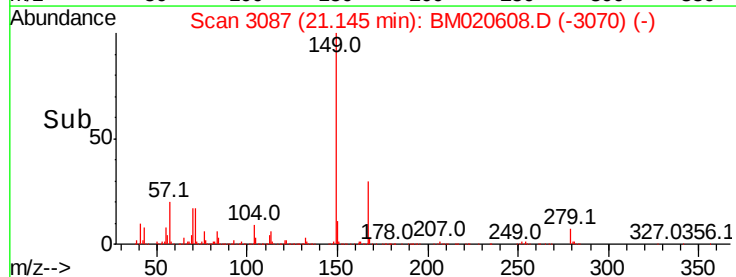
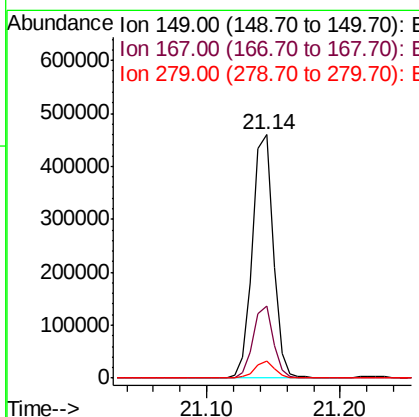
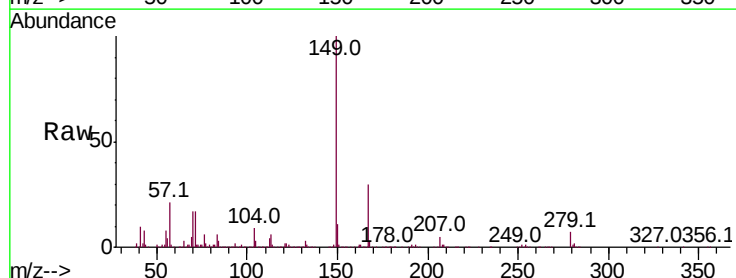
Manual Integrations
 APPROVED

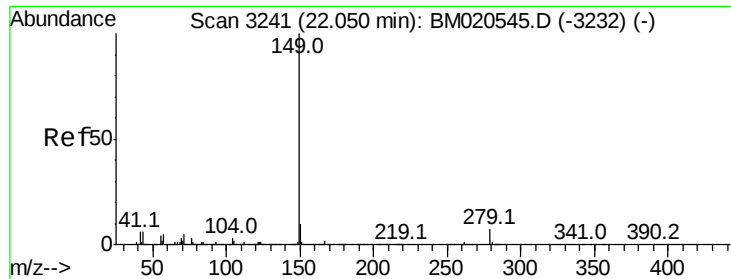
mohammad
 5/30/2019 8:16:38 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 35.590 ng
 RT: 21.14 min Scan# 3087
 Delta R.T. -0.00 min
 Lab File: BM020608.D
 Acq: 29 May 2019 20:25

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.6	22.9	34.3
279	6.8	4.9	7.3





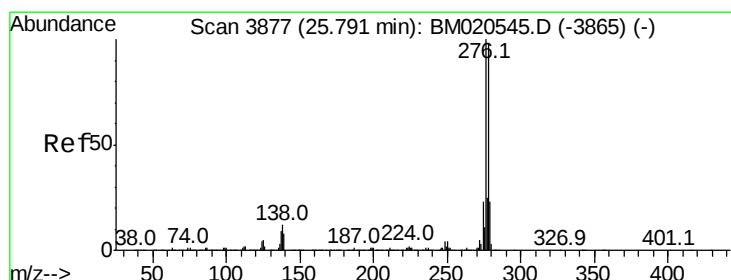
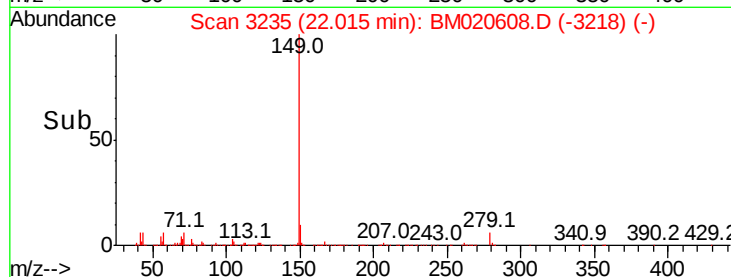
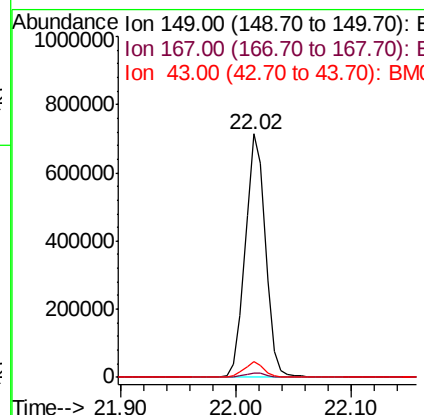
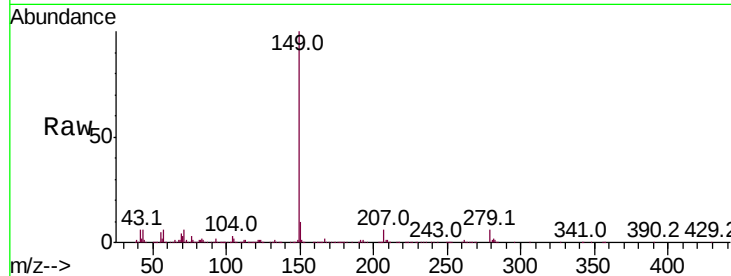
#85
Di-n-octyl phthalate
Concen: 36.067 ng
RT: 22.02 min Scan# 3235
Delta R.T. -0.00 min
Lab File: BM020608.D
Acq: 29 May 2019 20:25

Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	862312		
167	1.8		1.4	2.0
43	6.1		4.8	7.2

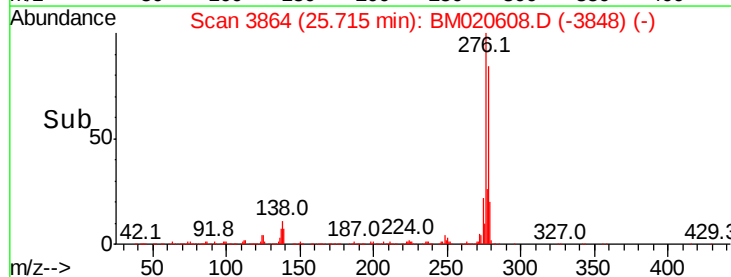
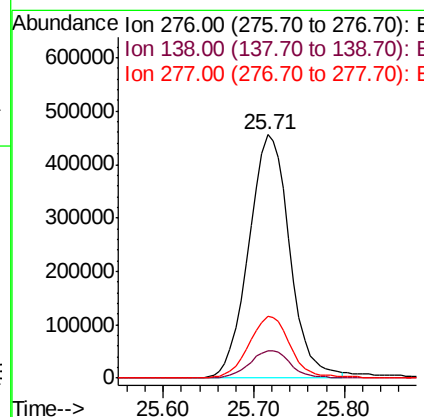
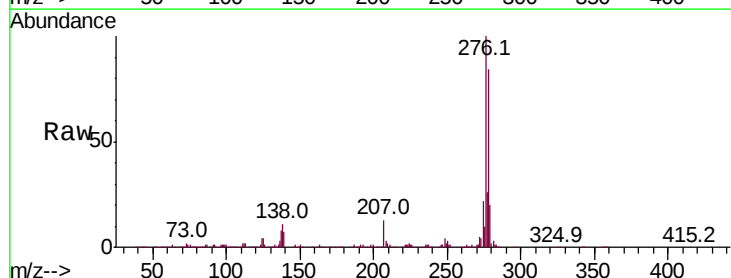
Manual Integrations
APPROVED

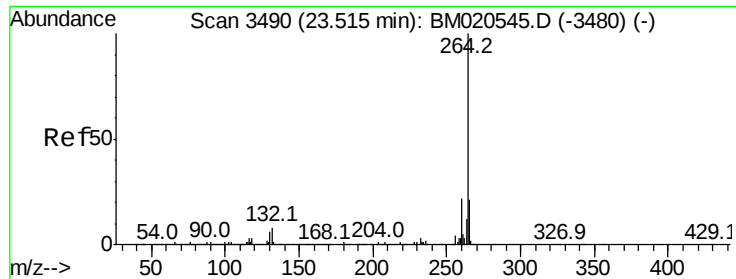
mohammad
5/30/2019 8:16:38 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.539 ng
RT: 25.71 min Scan# 3864
Delta R.T. -0.01 min
Lab File: BM020608.D
Acq: 29 May 2019 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	1436833		
138	11.3		9.7	14.5
277	25.4		20.4	30.6





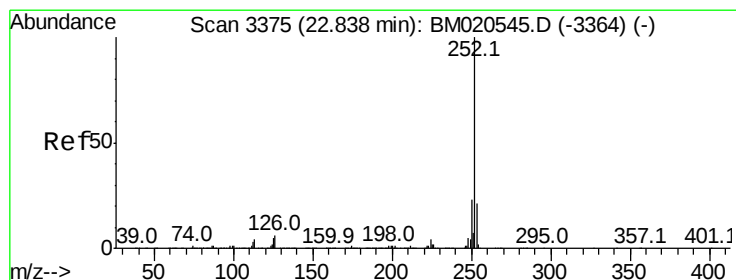
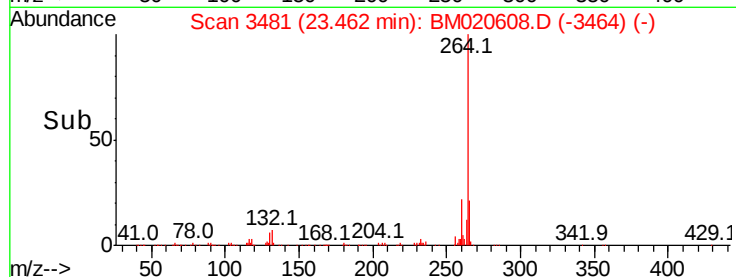
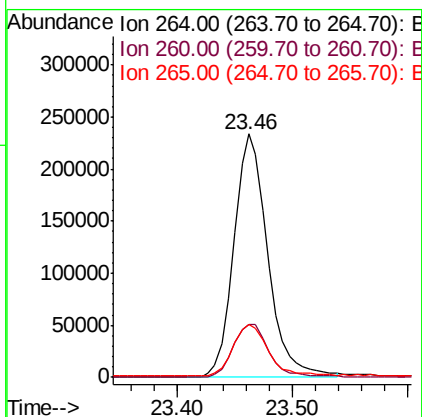
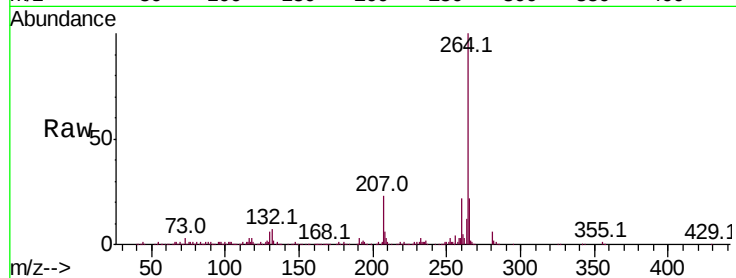
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.46 min Scan# 3481
 Delta R.T. -0.00 min
 Lab File: BM020608.D
 Acq: 29 May 2019 20:25

Instrument :
 BNA_M
 ClientSampleId :
 COMP-5.8.19MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.7	17.7	26.5
265	21.7	17.4	26.2

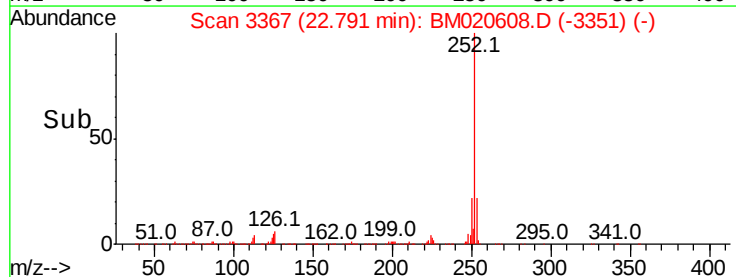
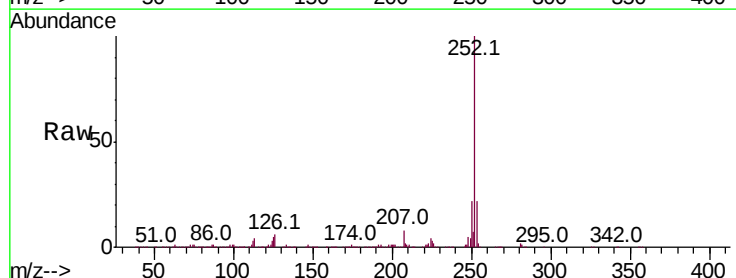
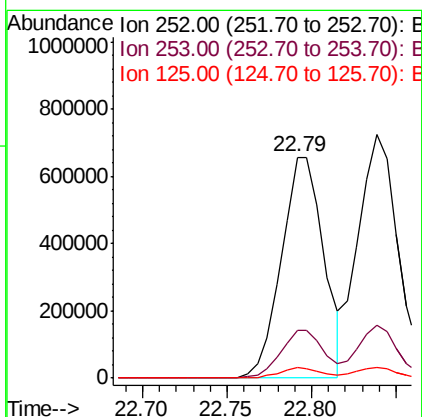
Manual Integrations
 APPROVED

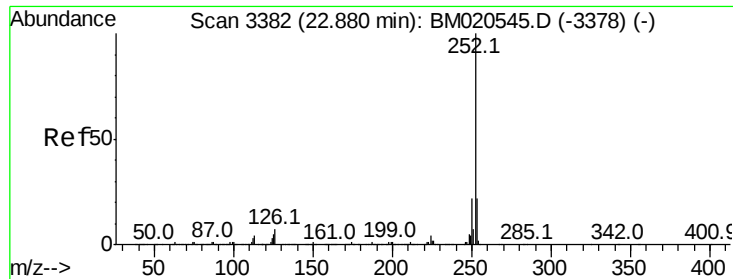
mohammad
 5/30/2019 8:16:38 AM



#88
 Benzo(b)fluoranthene
 Concen: 36.858 ng
 RT: 22.79 min Scan# 3367
 Delta R.T. -0.01 min
 Lab File: BM020608.D
 Acq: 29 May 2019 20:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	4.6	3.8	5.8





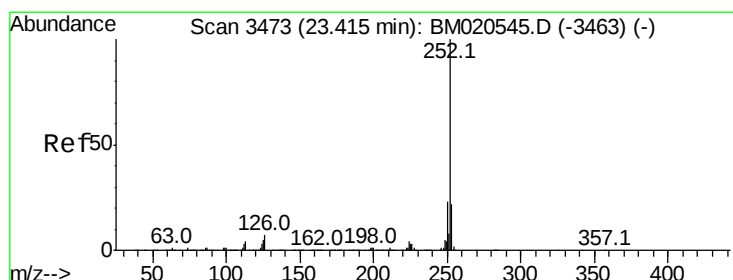
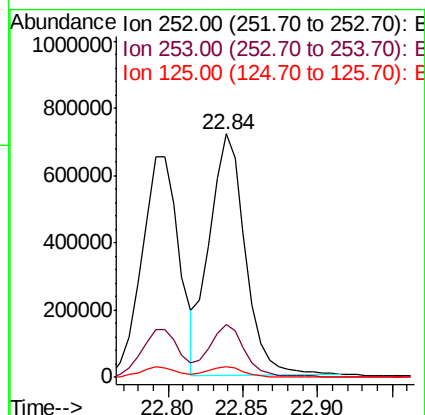
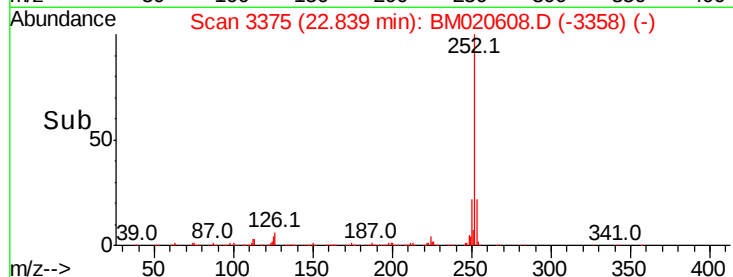
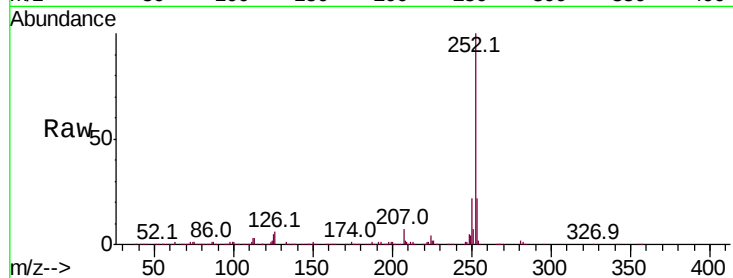
#89
Benzo(k)fluoranthene
Concen: 39.770 ng
RT: 22.84 min Scan# 3375
Delta R.T. -0.00 min
Lab File: BM020608.D
Acq: 29 May 2019 20:25

Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	4.6	4.2	6.4

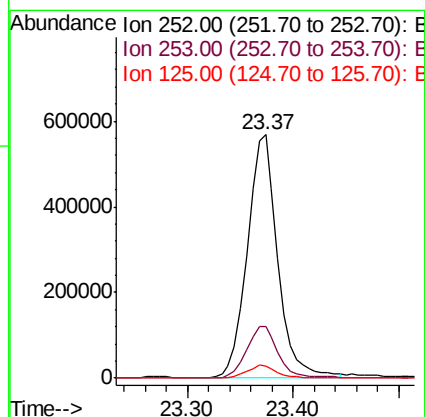
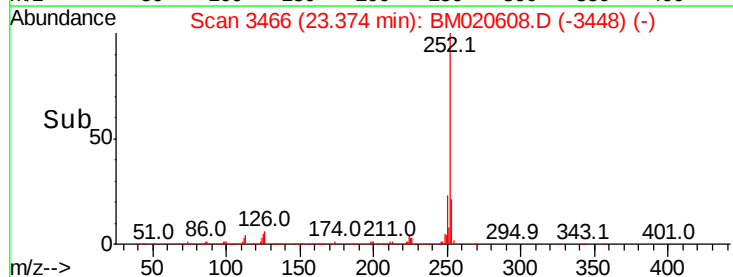
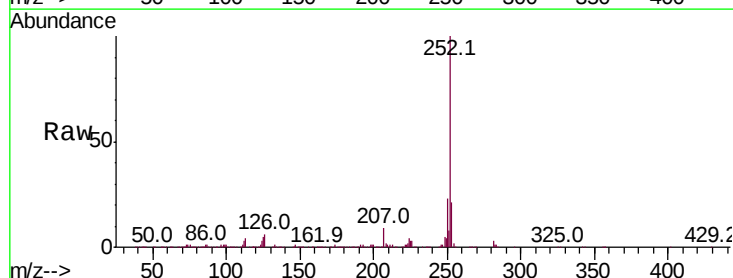
Manual Integrations
APPROVED

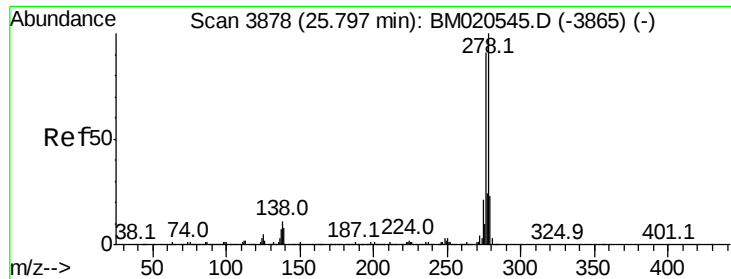
mohammad
5/30/2019 8:16:38 AM



#90
Benzo(a)pyrene
Concen: 39.459 ng
RT: 23.37 min Scan# 3466
Delta R.T. 0.01 min
Lab File: BM020608.D
Acq: 29 May 2019 20:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.2
125	4.9	4.2	6.4





#91

Dibenzo(a,h)anthracene

Concen: 41.753 ng

RT: 25.73 min Scan# 3866

Delta R.T. -0.00 min

Lab File: BM020608.D

Acq: 29 May 2019 20:25

Instrument :

BNA_M

ClientSampleId :

COMP-5.8.19MSD

Tot Ion:278 Resp: 1225224

Ion Ratio Lower Upper

278 100

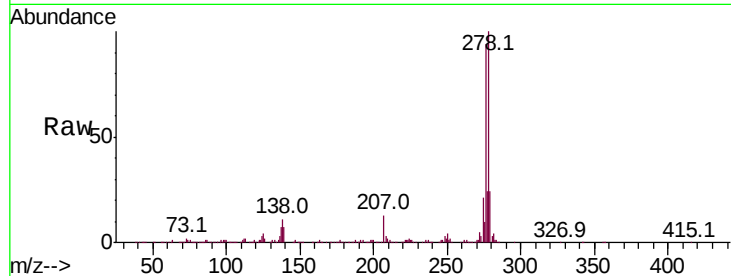
139 7.4 6.3 9.5

279 23.7 18.3 27.5

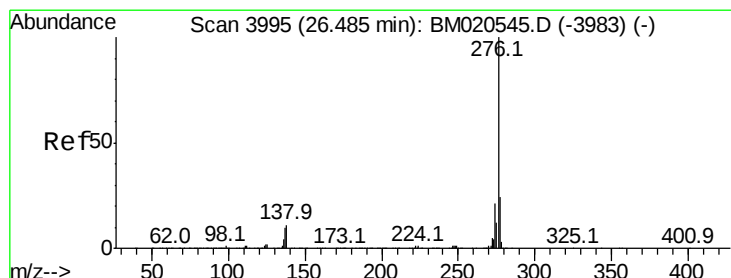
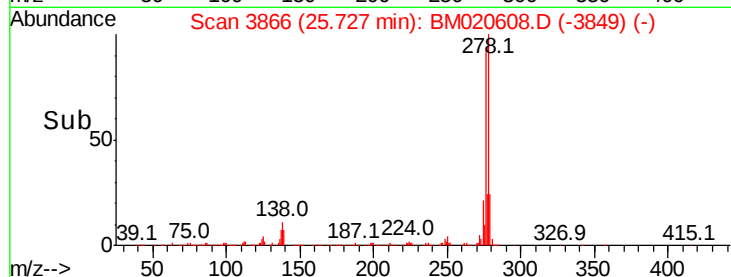
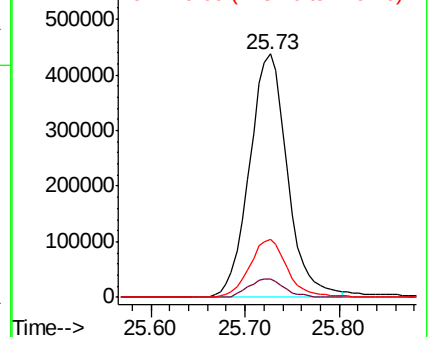
Manual Integrations
APPROVED

mohammad

5/30/2019 8:16:38 AM



Abundance Ion 278.00 (277.70 to 278.70): E
600000
Ion 139.00 (138.70 to 139.70): E
500000
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 43.357 ng

RT: 26.41 min Scan# 3982

Delta R.T. 0.01 min

Lab File: BM020608.D

Acq: 29 May 2019 20:25

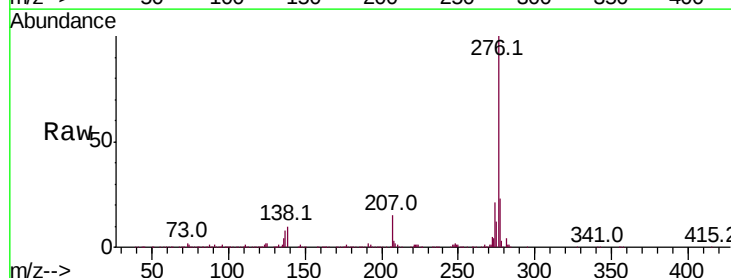
Tgt Ion:276 Resp: 1179401

Ion Ratio Lower Upper

276 100

277 23.1 19.1 28.7

138 9.6 8.6 12.8



Abundance Ion 276.00 (275.70 to 276.70): E
500000
Ion 277.00 (276.70 to 277.70): E
400000
Ion 138.00 (137.70 to 138.70): E

