

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052419\
 Data File : BM020559.D
 Acq On : 25 May 2019 02:08
 Operator : JU/SJ
 Sample : PB119991BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB119991BS

Manual Integrations
 APPROVED

mohammad
 5/27/2019 4:00:17 AM

Quant Time: May 25 06:29:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 16:07:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	43311	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	169672	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	129488	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	368669	20.00	ng	0.00
76) Chrysene-d12	21.26	240	475817	20.00	ng	-0.01
87) Perylene-d12	23.50	264	496016	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	389947	176.63	ng	0.00
7) Phenol-d6	6.84	99	551913	165.63	ng	0.00
23) Nitrobenzene-d5	8.83	82	367438	90.90	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	403687	155.61	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	921012	89.25	ng	0.00
79) Terphenyl-d14	19.70	244	2388235	90.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.16	88	63786	55.213	ng	97
3) Pyridine	3.57	79	117617	34.722	ng	99
4) n-Nitrosodimethylamine	3.49	42	34355	41.933	ng	# 83
6) Aniline	7.00	93	145756	30.239	ng	98
8) 2-Chlorophenol	7.22	128	127475	47.220	ng	97
9) Benzaldehyde	6.82	77	68290	32.101	ng	97
10) Phenol	6.87	94	174229	48.421	ng	95
11) bis(2-Chloroethyl)ether	7.10	93	103494	38.542	ng	98
12) 1,3-Dichlorobenzene	7.55	146	136230	39.404	ng	97
13) 1,4-Dichlorobenzene	7.69	146	135196	39.123	ng	97
14) 1,2-Dichlorobenzene	8.00	146	139658	40.312	ng	98
15) Benzyl Alcohol	7.92	79	122440	39.709	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.18	45	71126	38.004	ng	92
17) 2-Methylphenol	8.11	107	106087	44.658	ng	98
18) Hexachloroethane	8.72	117	56951	40.684	ng	92
19) n-Nitroso-di-n-propylamine	8.47	70	115659	39.090	ng	98
20) 3+4-Methylphenols	8.44	107	137169	43.057	ng	98
22) Acetophenone	8.49	105	192596	41.221	ng	# 96
24) Nitrobenzene	8.87	77	174753	43.773	ng	96
25) Isophorone	9.39	82	322467	42.871	ng	99
26) 2-Nitrophenol	9.57	139	58579	39.767	ng	97
27) 2,4-Dimethylphenol	9.63	122	108903	49.628	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	157462	40.215	ng	99
29) 2,4-Dichlorophenol	10.10	162	134664	46.141	ng	98
30) 1,2,4-Trichlorobenzene	10.31	180	165560	41.488	ng	99
31) Naphthalene	10.50	128	376837	43.014	ng	98
32) Benzoic acid	9.80	122	45216	34.478	ng	99
33) 4-Chloroaniline	10.64	127	70109	20.050	ng	97
34) Hexachlorobutadiene	10.76	225	124897	42.097	ng	99
35) Caprolactam	11.44	113	39482m	41.104	ng	
36) 4-Chloro-3-methylphenol	11.76	107	143825	45.285	ng	97
37) 2-Methylnaphthalene	12.12	142	294814	44.049	ng	99
38) 1-Methylnaphthalene	12.34	142	283736	43.754	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	235072	43.185	ng	99

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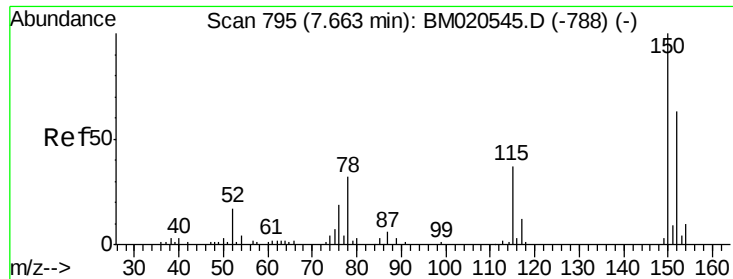
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	276519	101.163	ng	99
43) 2,4,6-Trichlorophenol	12.75	196	145318	43.139	ng	96
44) 2,4,5-Trichlorophenol	12.82	196	140157	44.556	ng	99
46) 1,1'-Biphenyl	13.15	154	427555	42.872	ng	99
47) 2-Chloronaphthalene	13.19	162	348228	41.191	ng	99
48) 2-Nitroaniline	13.42	65	94929	37.211	ng	96
49) Acenaphthylene	14.04	152	553604	43.060	ng	100
50) Dimethylphthalate	13.79	163	478779	41.744	ng	99
51) 2,6-Dinitrotoluene	13.92	165	102649	42.941	ng	92
52) Acenaphthene	14.38	154	324097	41.832	ng	99
53) 3-Nitroaniline	14.26	138	48519	25.707	ng	96
54) 2,4-Dinitrophenol	14.47	184	118733	76.775	ng	97
55) Dibenzofuran	14.72	168	593507	44.269	ng	99
56) 4-Nitrophenol	14.57	139	123557	78.245	ng	96
57) 2,4-Dinitrotoluene	14.72	165	150367	43.559	ng	93
58) Fluorene	15.37	166	485809	43.622	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.95	232	171307	46.801	ng	98
60) Diethylphthalate	15.14	149	480197	42.494	ng	100
61) 4-Chlorophenyl-phenylether	15.36	204	307405	43.236	ng	99
62) 4-Nitroaniline	15.43	138	66136	32.913	ng	99
63) Azobenzene	15.66	77	494907	45.008	ng	98
65) 4,6-Dinitro-2-methylphenol	15.47	198	89713	39.679	ng	98
66) n-Nitrosodiphenylamine	15.59	169	434905	43.507	ng	100
67) 4-Bromophenyl-phenylether	16.26	248	204882	41.717	ng	98
68) Hexachlorobenzene	16.36	284	246735	41.435	ng	100
69) Atrazine	16.54	200	178401	43.376	ng	99
70) Pentachlorophenol	16.72	266	291172	94.666	ng	99
71) Phenanthrene	17.12	178	851812	42.531	ng	100
72) Anthracene	17.20	178	831405	42.806	ng	100
73) Carbazole	17.49	167	705245	42.310	ng	100
74) Di-n-butylphthalate	18.03	149	838222	40.880	ng	100
75) Fluoranthene	19.13	202	1204611	43.252	ng	100
77) Benzidine	19.34	184	371462	42.480	ng	100
78) Pyrene	19.50	202	1247969	41.777	ng	100
80) Butylbenzylphthalate	20.40	149	425566	40.546	ng	98
81) Benzo(a)anthracene	21.24	228	1340695	40.711	ng	99
82) 3,3'-Dichlorobenzidine	21.19	252	353987	29.450	ng	100
83) Chrysene	21.30	228	1368947	43.020	ng	100
84) Bis(2-ethylhexyl)phthalate	21.16	149	622436	40.689	ng	99
85) Di-n-octyl phthalate	22.04	149	1110434	41.755	ng	100
86) Indeno(1,2,3-cd)pyrene	25.77	276	1544941	40.154	ng	100
88) Benzo(b)fluoranthene	22.82	252	1459855	44.967	ng	98
89) Benzo(k)fluoranthene	22.87	252	1469205	46.629	ng	99
90) Benzo(a)pyrene	23.40	252	1394403	46.675	ng	100
91) Dibenzo(a,h)anthracene	25.77	278	1333390	43.602	ng	99
92) Benzo(g,h,i)perylene	26.46	276	1244803	43.911	ng	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.66 min Scan# 795

Delta R.T. 0.00 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

Instrument :

BNA_M

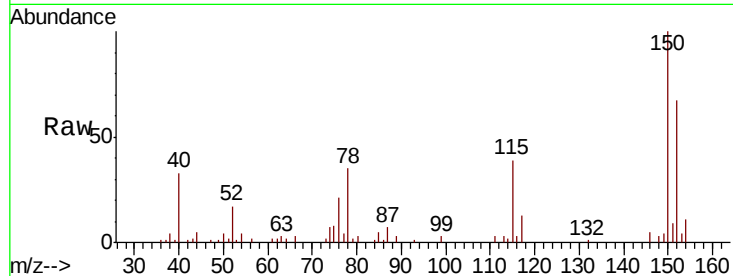
ClientSampleId :

PB119991BS

Tot Ion:	152	Resp:	43311
Ion	Ratio	Lower	Upper
152	100		
150	149.2	126.6	190.0
115	57.9	46.6	70.0

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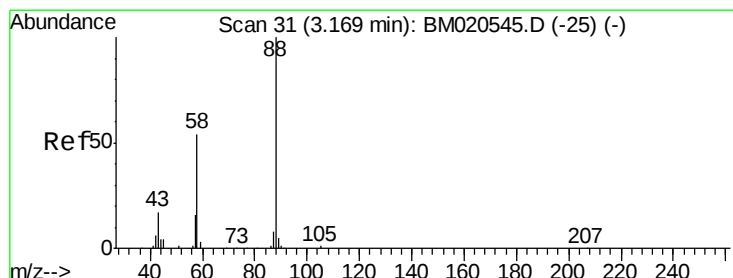
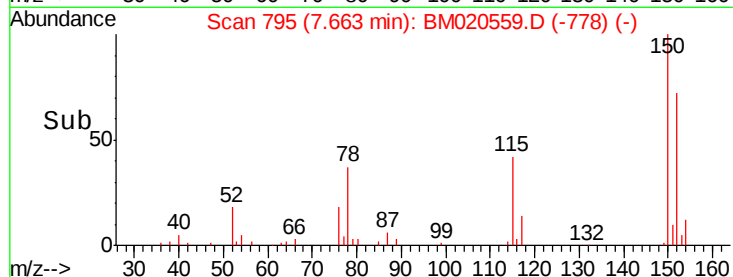
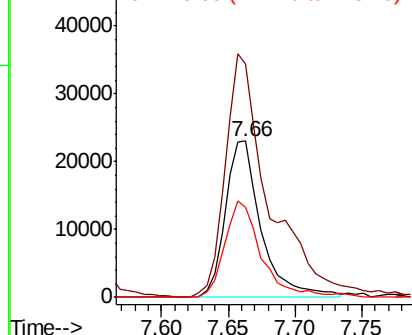


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 55.213 ng

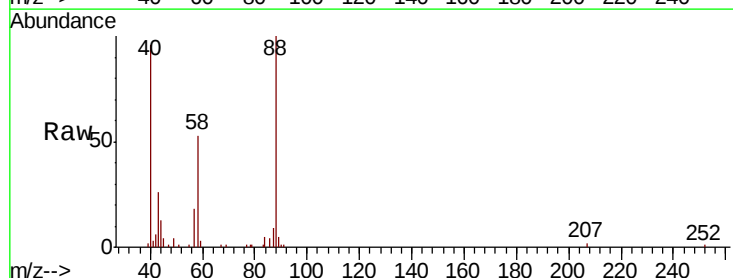
RT: 3.16 min Scan# 30

Delta R.T. -0.01 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

Tgt Ion:	88	Resp:	63786
Ion	Ratio	Lower	Upper
88	100		
58	50.6	42.3	63.5
43	21.5	16.0	24.0

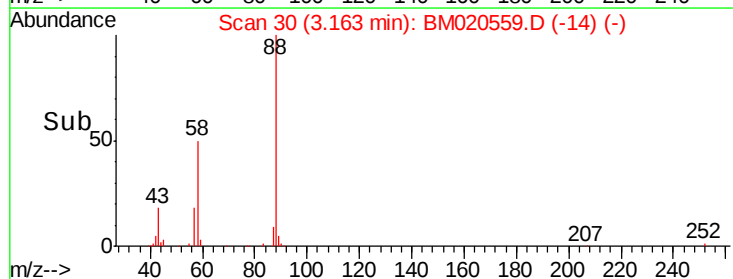
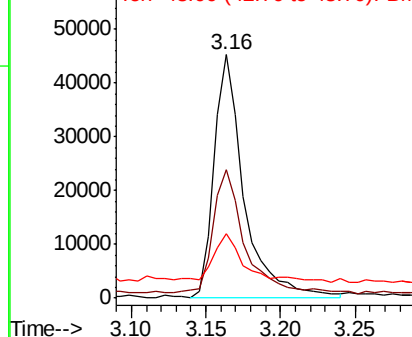


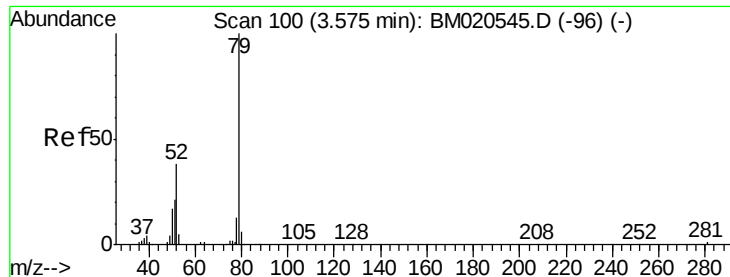
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 34.722 ng

RT: 3.57 min Scan# 99

Delta R.T. -0.00 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

Instrument :

BNA_M

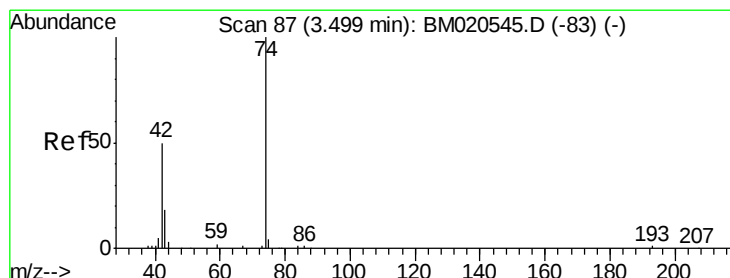
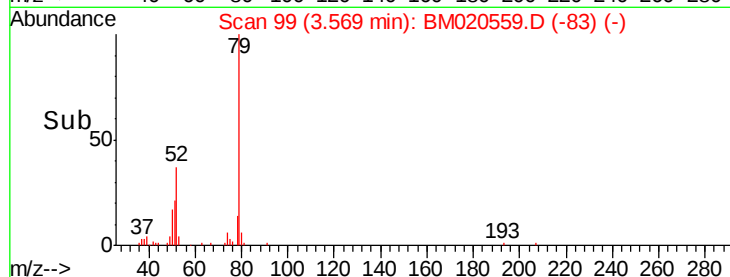
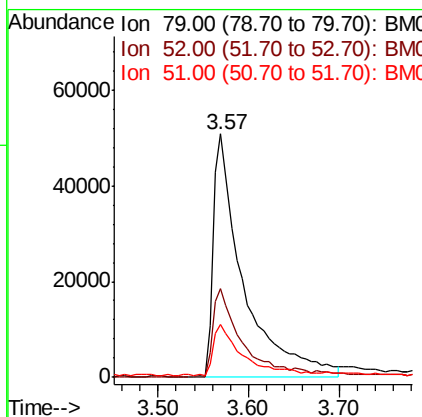
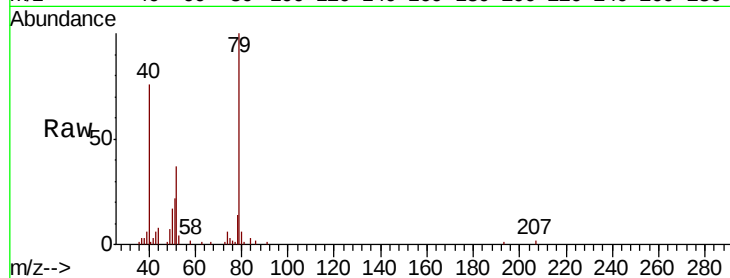
ClientSampleId :

PB119991BS

Tot Ion:	79	Resp:	117617
Ion	Ratio	Lower	Upper
79	100		
52	36.6	30.1	45.1
51	21.8	17.8	26.8

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#4

n-Nitrosodimethylamine

Concen: 41.933 ng

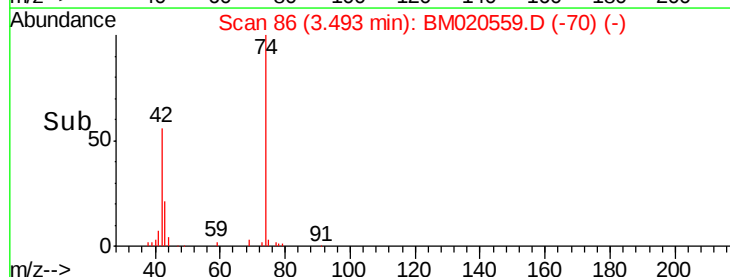
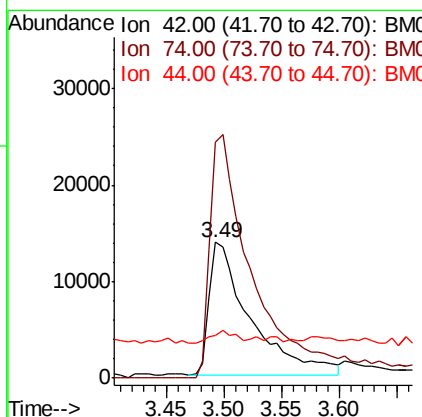
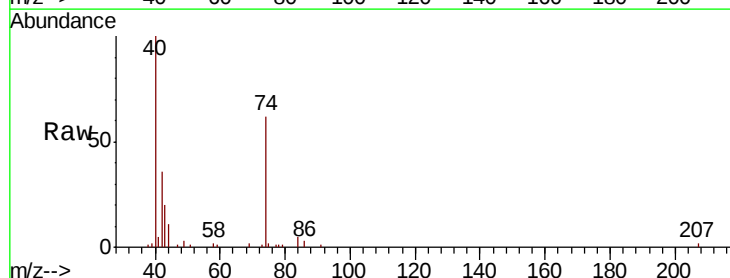
RT: 3.49 min Scan# 86

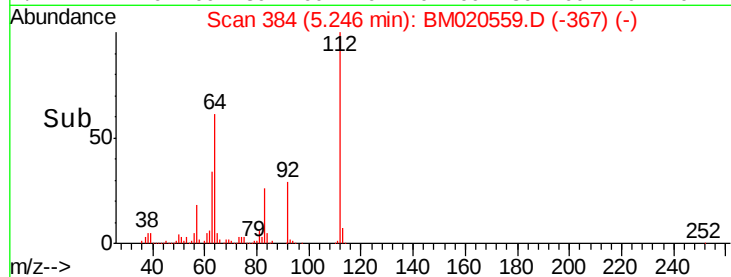
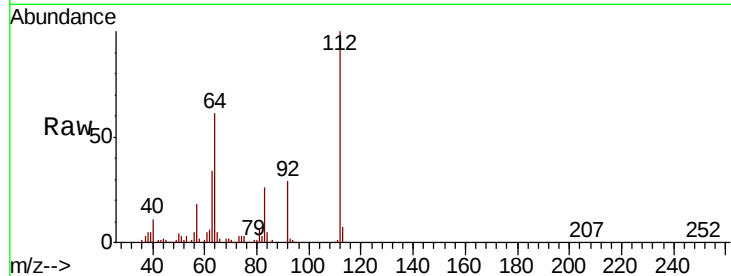
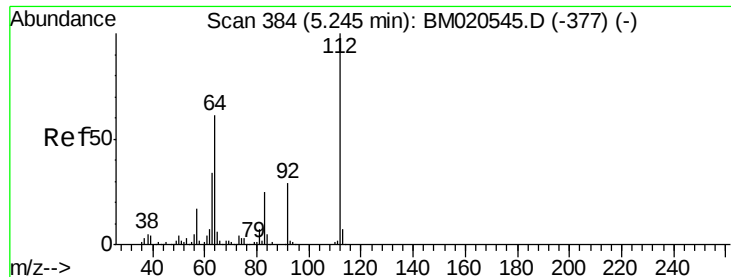
Delta R.T. -0.01 min

Lab File: BM020559.D

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Tgt Ion:	42	Resp:	34355
Ion	Ratio	Lower	Upper
42	100		
74	173.5	161.1	241.7
44	31.5	20.9	31.3#





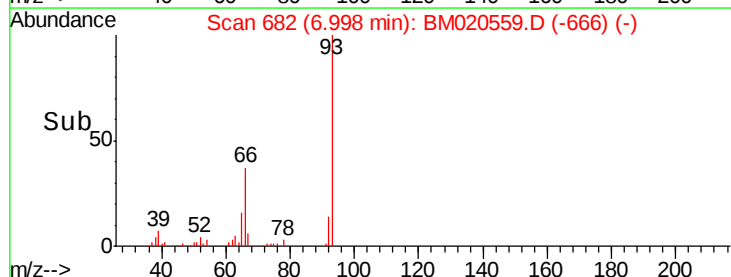
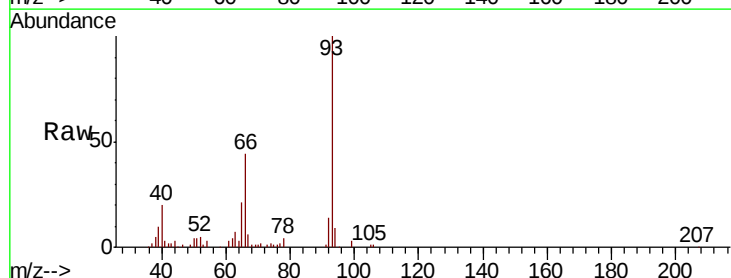
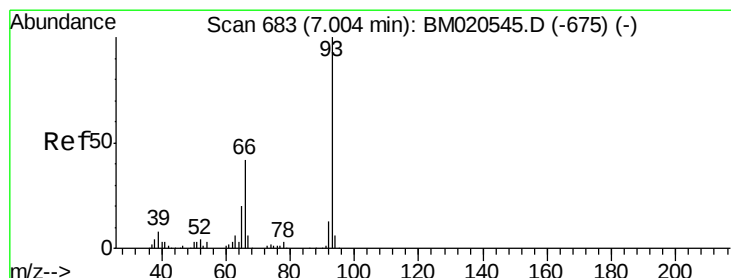
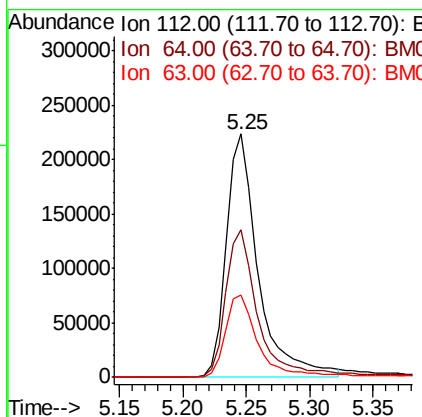
#5
2-Fluorophenol
Concen: 176.631 ng
RT: 5.25 min Scan# 384
Delta R.T. 0.00 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

Tot Ion:	112	Resp:	389947
Ion Ratio	Lower	Upper	
112	100		
64	60.8	48.6	73.0
63	34.0	27.4	41.0

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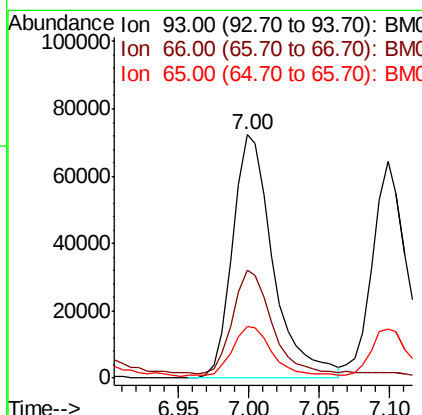
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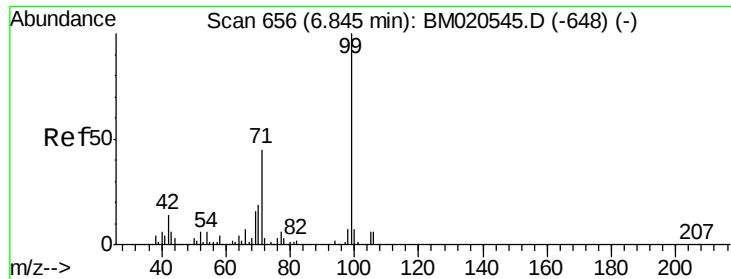
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#6
Aniline
Concen: 30.239 ng
RT: 7.00 min Scan# 682
Delta R.T. -0.01 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

Tgt Ion:	93	Resp:	145756
Ion Ratio	Lower	Upper	
93	100		
66	44.5	34.5	51.7
65	21.2	16.2	24.2





#7

Phenol-d6

Concen: 165.631 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

Instrument :

BNA_M

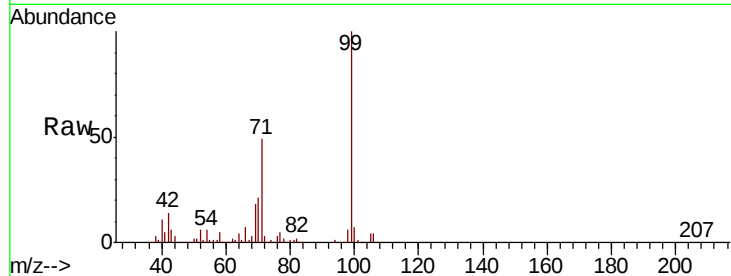
ClientSampleId :

PB119991BS

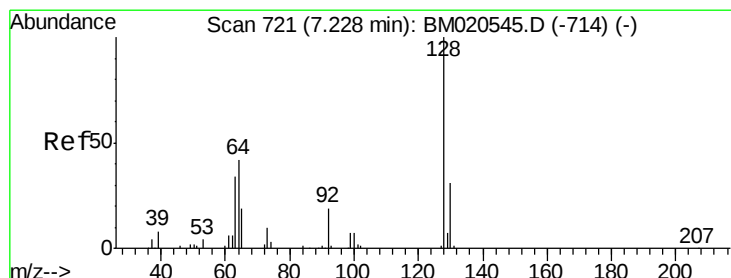
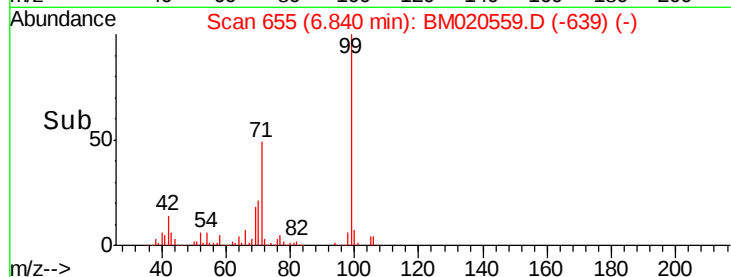
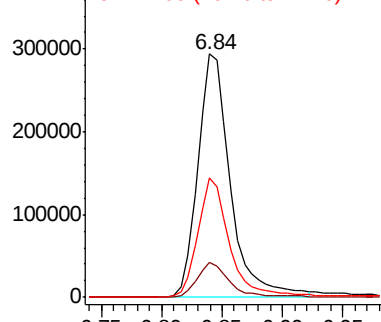
Tot Ion:	99	Resp:	551913
Ion	Ratio	Lower	Upper
99	100		
42	14.1	10.8	16.2
71	49.0	36.3	54.5

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Abundance Ion 99.00 (98.70 to 99.70): BM020545.D (-648) (-)



#8

2-Chlorophenol

Concen: 47.220 ng

RT: 7.22 min Scan# 720

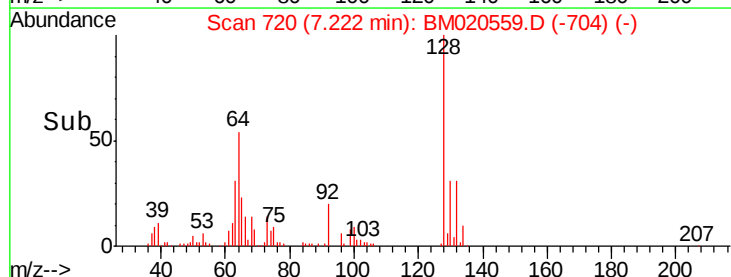
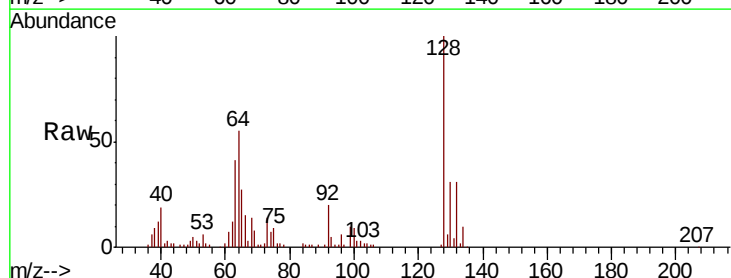
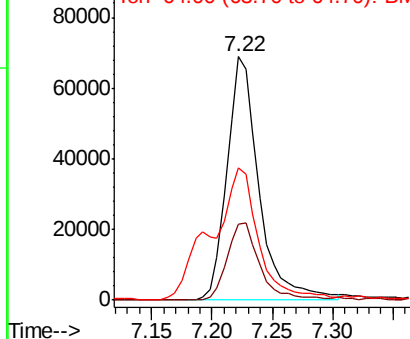
Delta R.T. -0.01 min

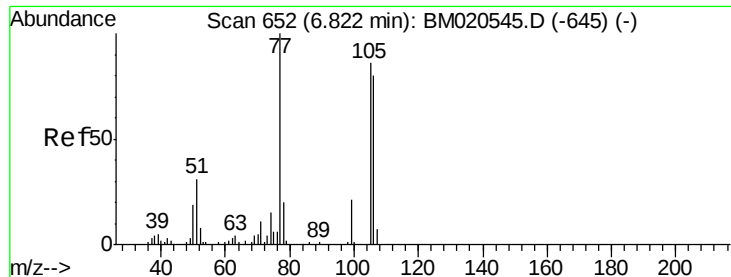
Lab File: BM020559.D

Acq: 25 May 2019 02:08

Tgt Ion:	128	Resp:	127475
Ion	Ratio	Lower	Upper
128	100		
130	30.9	11.2	51.2
64	54.5	31.1	71.1

Abundance Ion 128.00 (127.70 to 128.70): BM020545.D (-714) (-)





#9

Benzaldehyde

Concen: 32.101 ng

RT: 6.82 min Scan# 652

Delta R.T. 0.00 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

Instrument :

BNA_M

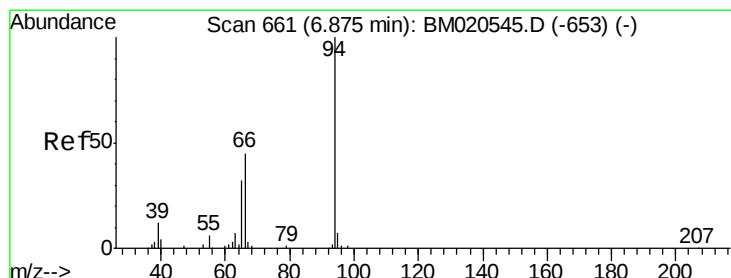
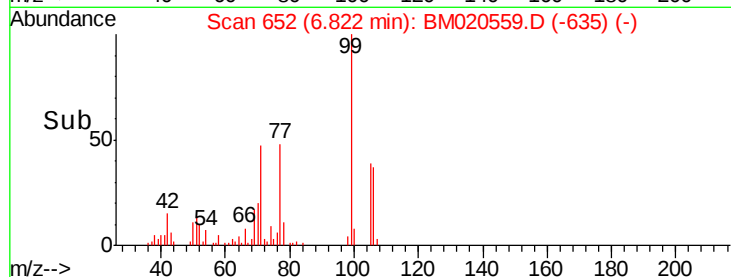
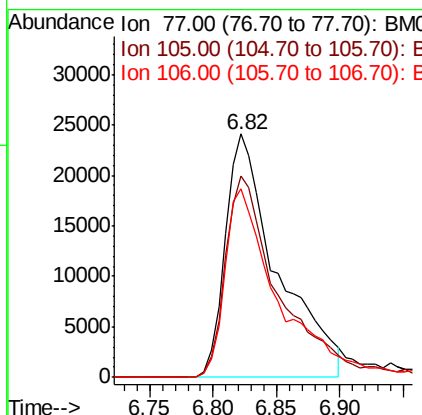
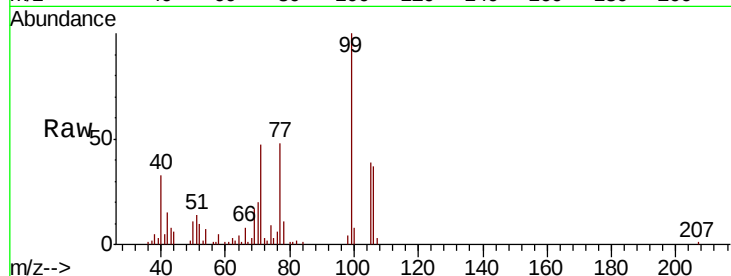
ClientSampleId :

PB119991BS

Tot Ion:	77	Resp:	68290
Ion	Ratio	Lower	Upper
77	100		
105	82.6	66.1	106.1
106	77.5	60.0	100.0

Manual Integrations
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#10

Phenol

Concen: 48.421 ng

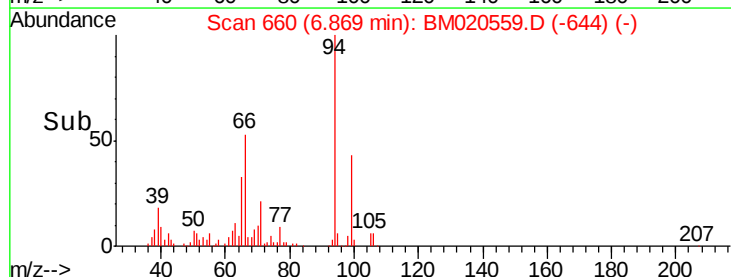
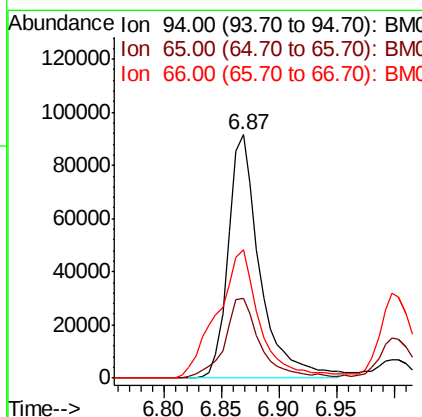
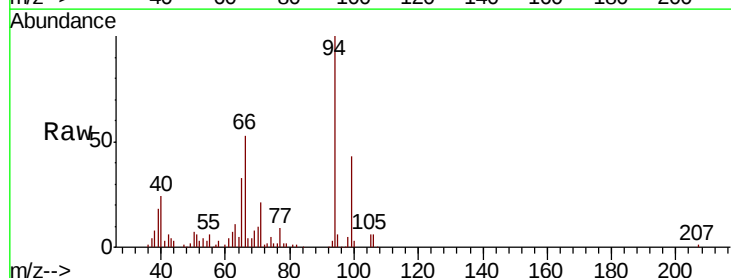
RT: 6.87 min Scan# 660

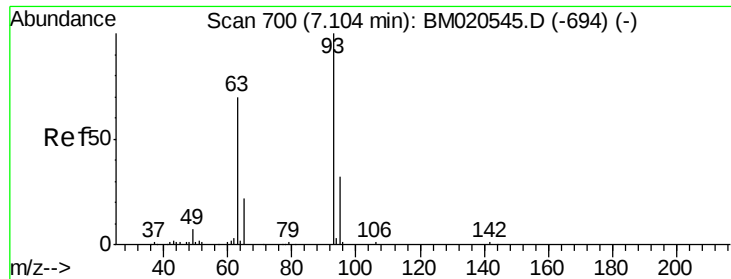
Delta R.T. -0.01 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

Tgt Ion:	94	Resp:	174229
Ion	Ratio	Lower	Upper
94	100		
65	33.0	12.4	52.4
66	52.6	27.4	67.4





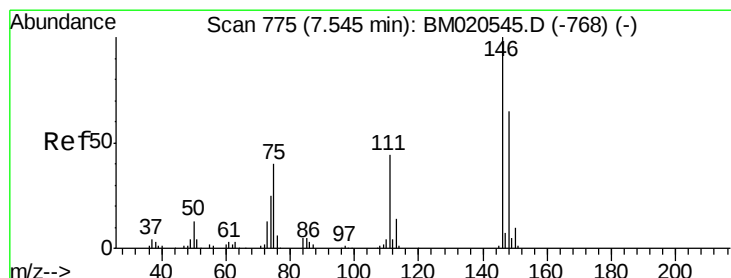
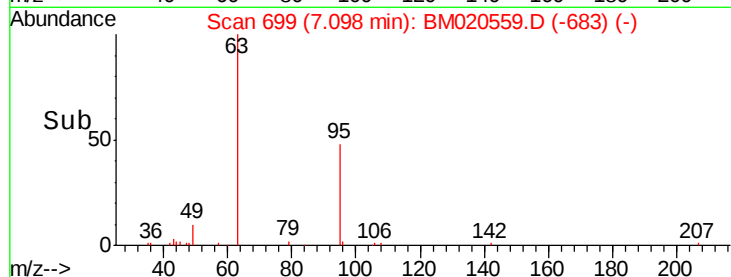
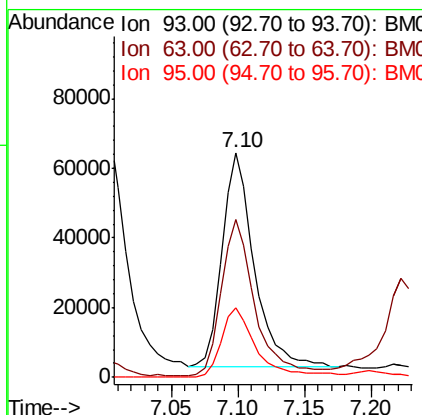
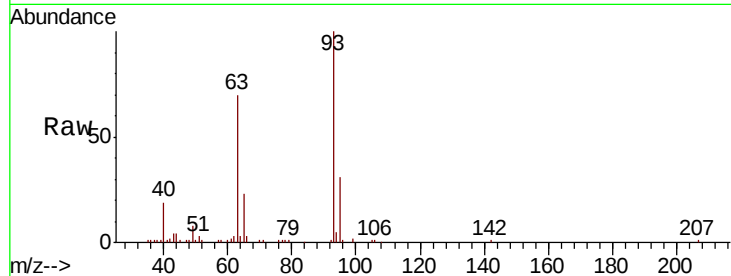
#11
bis(2-Chloroethyl)ether
Concen: 38.542 ng
RT: 7.10 min Scan# 699
Delta R.T. -0.01 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

Instrument :
BNA_M
ClientSampleId :
PB119991BS

Tot Ion:	93	Resp:	103494
Ion	Ratio	Lower	Upper
93	100		
63	70.1	47.6	87.6
95	30.8	10.9	50.9

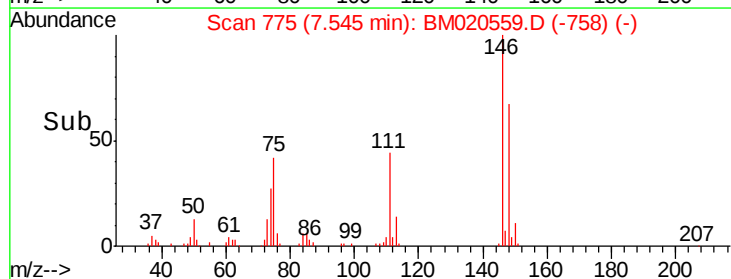
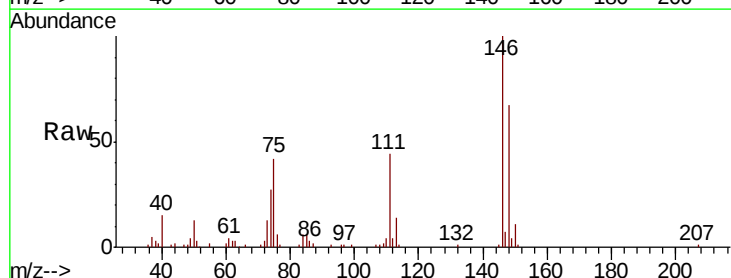
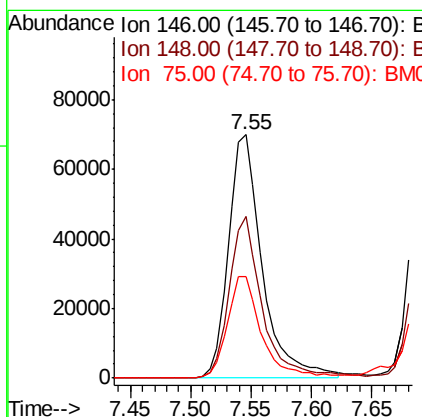
Manual Integrations
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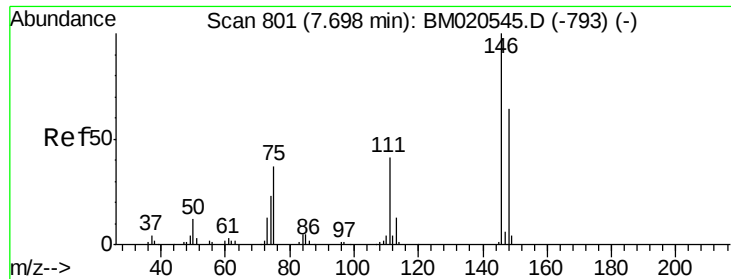
mohammad
5/27/2019 4:00:17 AM



#12
1,3-Dichlorobenzene
Concen: 39.404 ng
RT: 7.55 min Scan# 775
Delta R.T. 0.00 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

Tgt Ion:	146	Resp:	136230
Ion	Ratio	Lower	Upper
146	100		
148	66.5	51.9	77.9
75	41.6	31.6	47.4





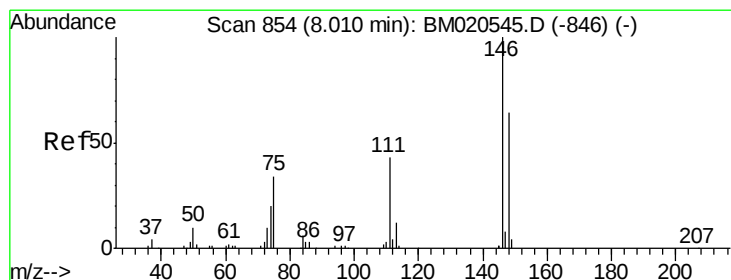
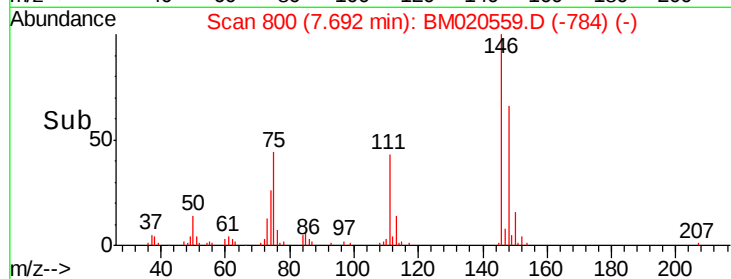
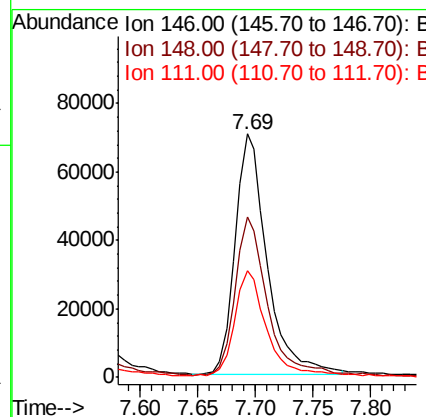
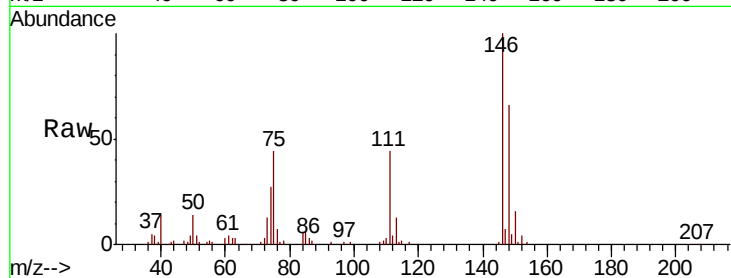
#13
 1,4-Dichlorobenzene
 Concen: 39.123 ng
 RT: 7.69 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BM020559.D
 Acq: 25 May 2019 02:08

Instrument :
 BNA_M
 ClientSampleId :
 PB119991BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.9	51.1	76.7
111	43.6	33.5	50.3

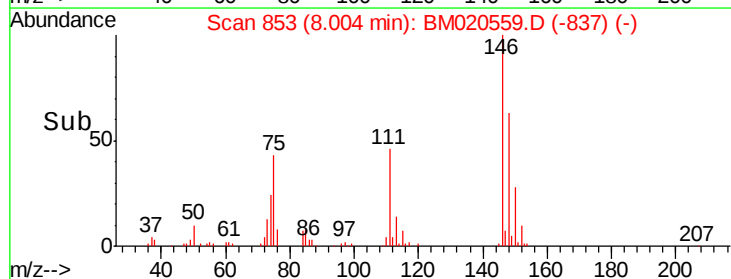
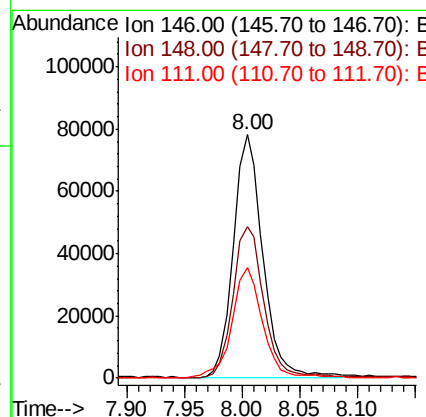
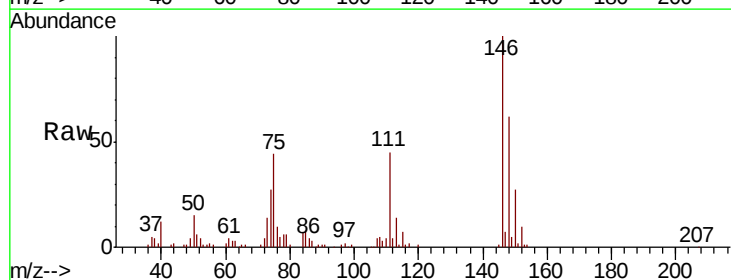
Manual Integrations
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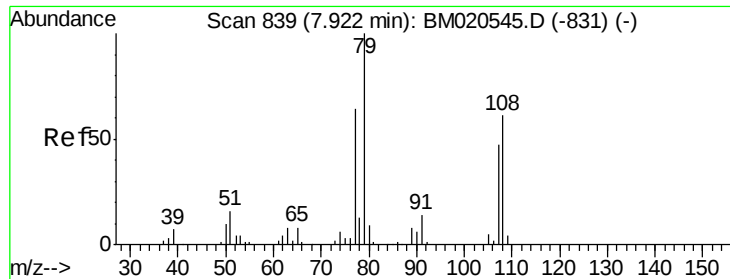
mohammad
 5/27/2019 4:00:17 AM



#14
 1,2-Dichlorobenzene
 Concen: 40.312 ng
 RT: 8.00 min Scan# 853
 Delta R.T. -0.01 min
 Lab File: BM020559.D
 Acq: 25 May 2019 02:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	51.2	76.8
111	45.3	35.2	52.8





#15

Benzyl Alcohol

Concen: 39.709 ng

RT: 7.92 min Scan# 838

Delta R.T. -0.01 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

Instrument :

BNA_M

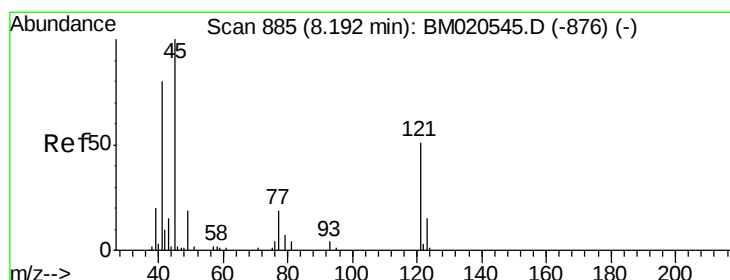
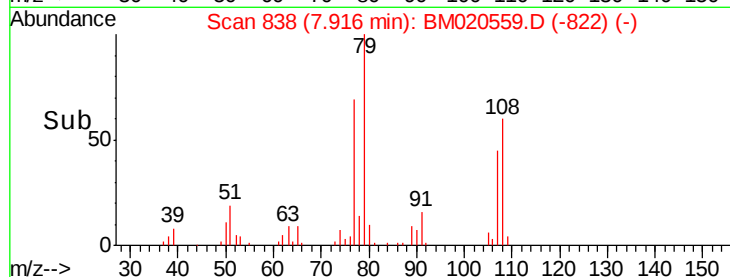
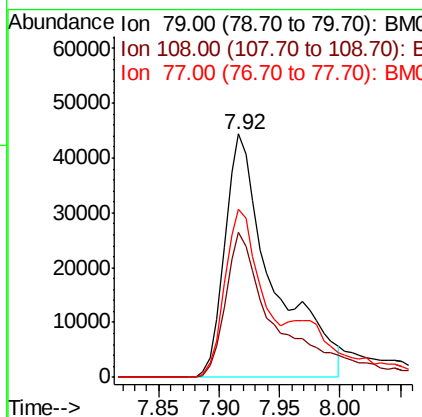
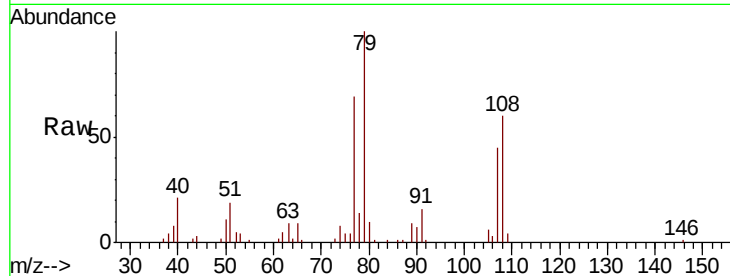
ClientSampleId :

PB119991BS

Tot Ion:	79	Resp:	122440
Ion	Ratio	Lower	Upper
79	100		
108	59.5	48.5	72.7
77	69.0	50.9	76.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.004 ng

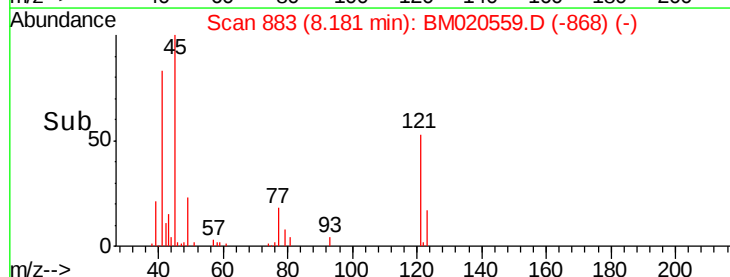
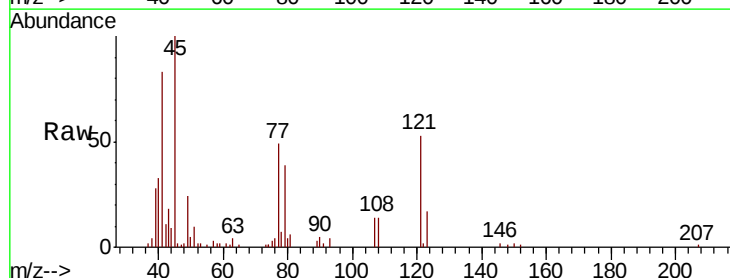
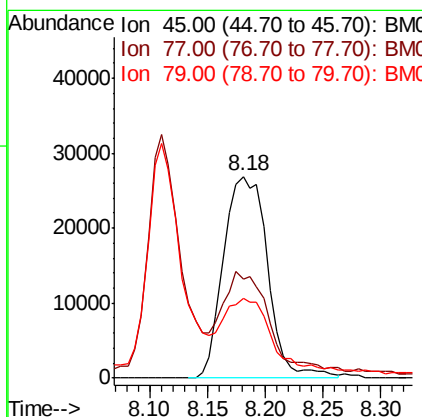
RT: 8.18 min Scan# 883

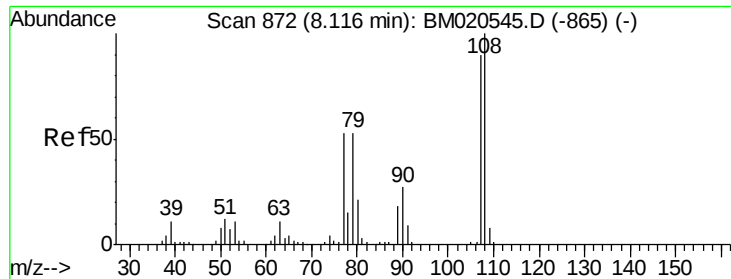
Delta R.T. -0.01 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

Tgt Ion:	45	Resp:	71126
Ion	Ratio	Lower	Upper
45	100		
77	49.0	25.0	65.0
79	39.4	13.1	53.1





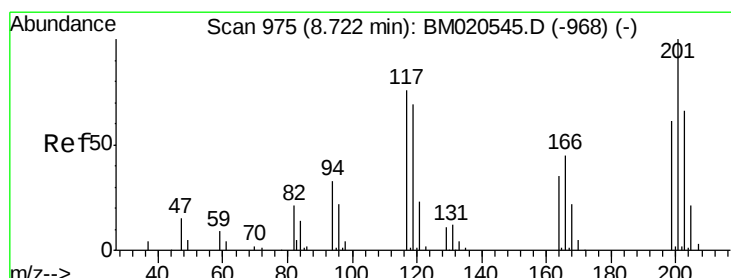
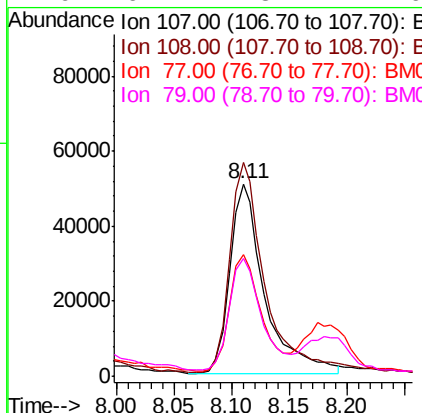
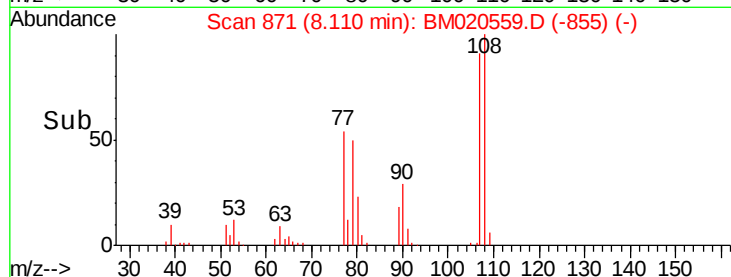
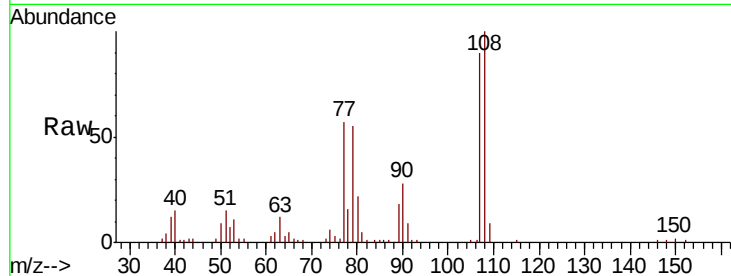
#17
2-Methylphenol
Concen: 44.658 ng
RT: 8.11 min Scan# 871
Delta R.T. -0.01 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

Instrument :
BNA_M
ClientSampled :
PB119991BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.0	89.4	134.2	
77	63.3	48.2	72.4	
79	61.2	48.4	72.6	

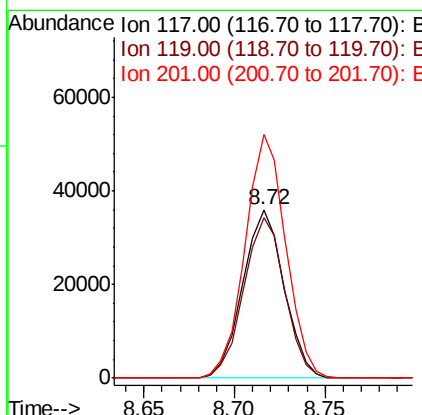
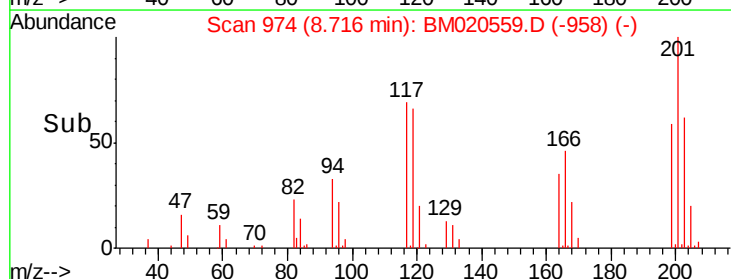
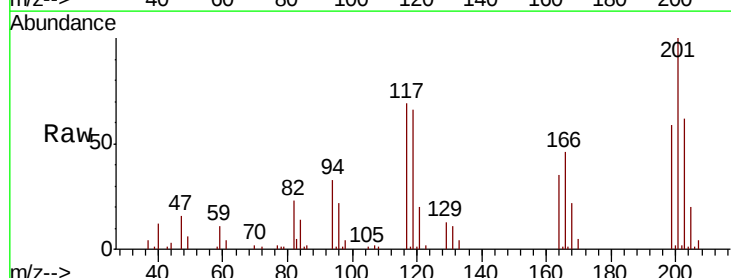
Manual Integrations
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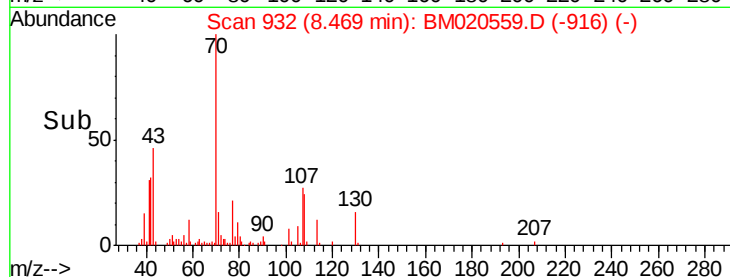
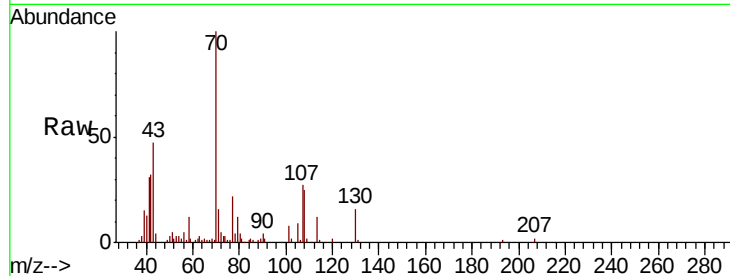
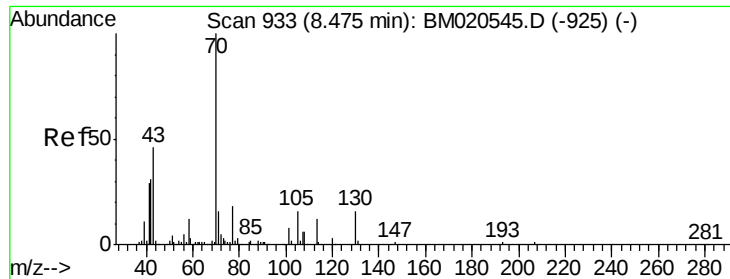
mohammad
5/27/2019 4:00:17 AM



#18
Hexachloroethane
Concen: 40.684 ng
RT: 8.72 min Scan# 974
Delta R.T. -0.01 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.4	73.2	109.8	
201	144.8	105.8	158.8	





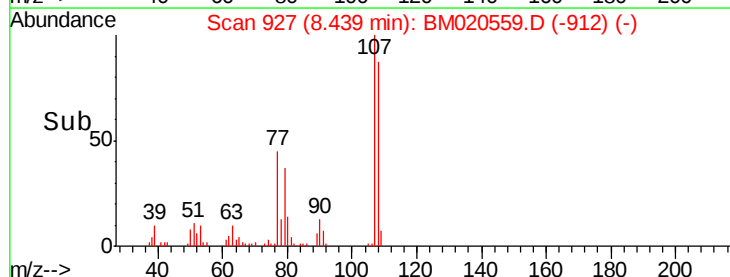
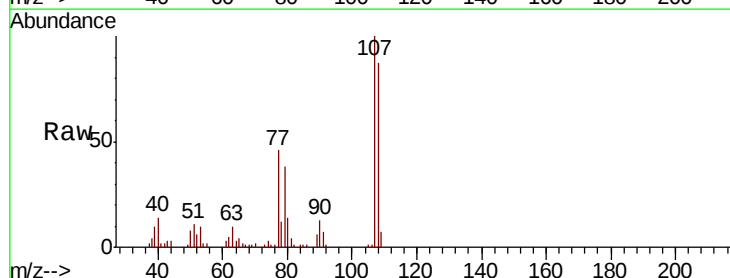
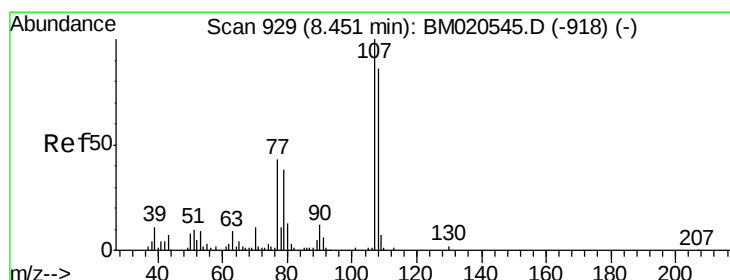
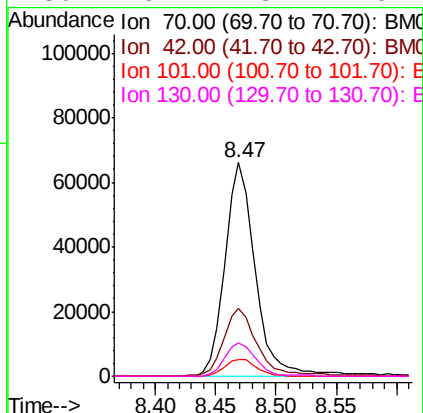
#19
n-Nitroso-di-n-propylamine
Concen: 39.090 ng
RT: 8.47 min Scan# 932
Delta R.T. -0.01 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

Instrument :
BNA_M
ClientSampleId :
PB119991BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	31.6	24.7	37.1	
101	7.7	6.8	10.2	
130	15.7	13.1	19.7	

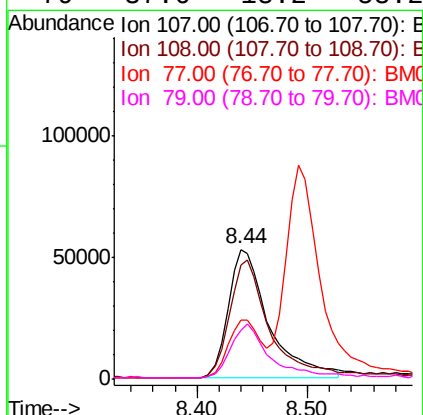
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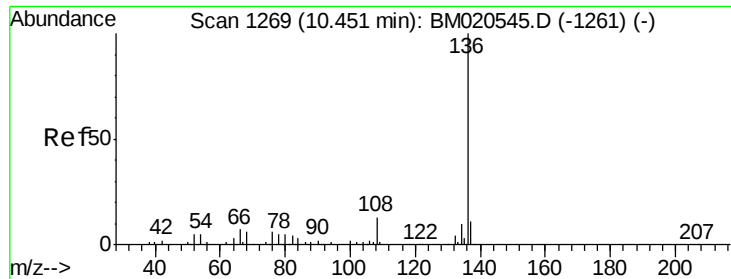
mohammad
5/27/2019 4:00:17 AM



#20
3+4-Methylphenols
Concen: 43.057 ng
RT: 8.44 min Scan# 927
Delta R.T. -0.01 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.5	66.5	106.5	
77	45.8	23.0	63.0	
79	37.6	18.2	58.2	





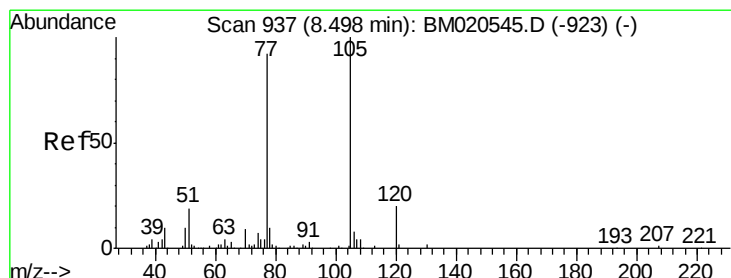
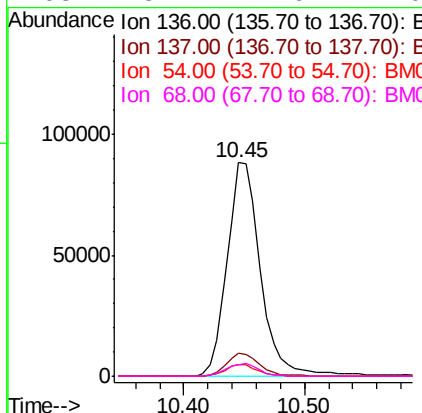
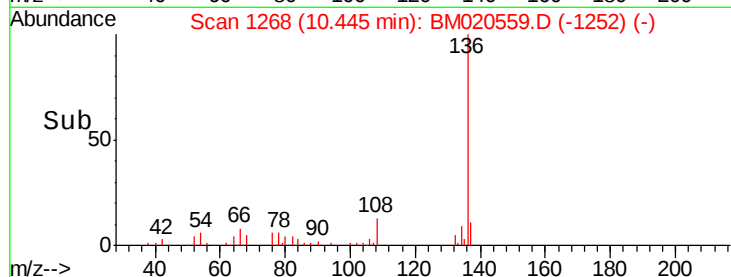
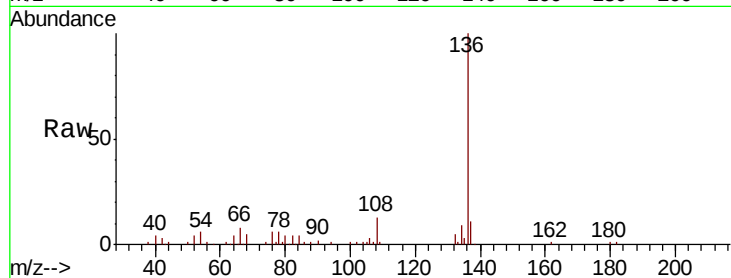
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

Instrument :
BNA_M
ClientSampleId :
PB119991BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	169672		
137	11.0	8.4	12.6	
54	5.5	4.2	6.4	
68	5.4	4.6	7.0	

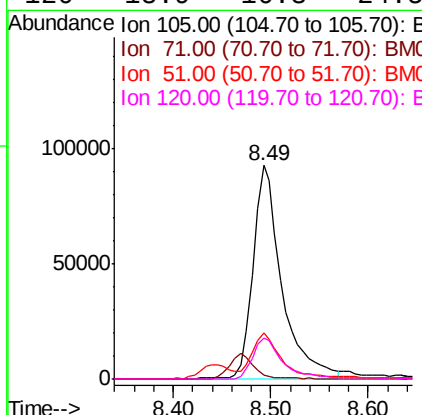
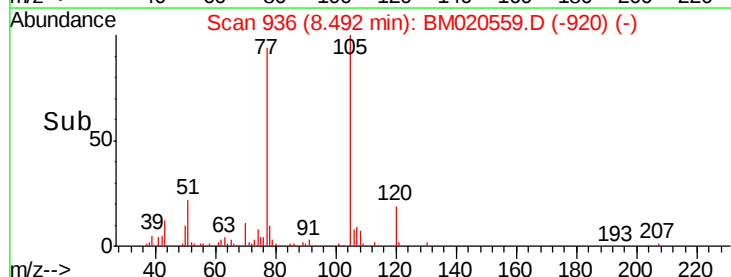
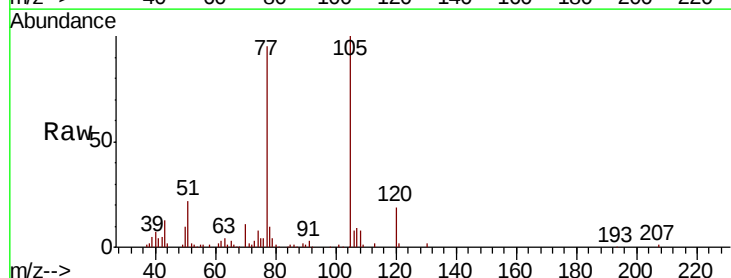
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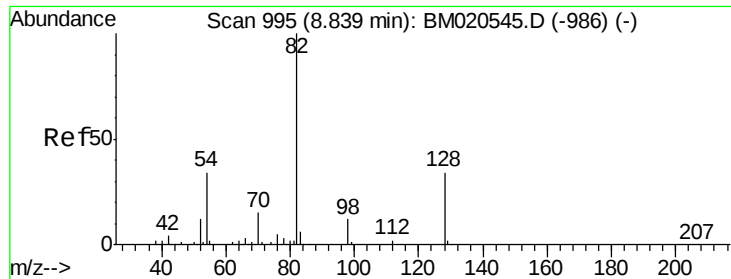
mohammad
5/27/2019 4:00:17 AM



#22
Acetophenone
Concen: 41.221 ng
RT: 8.49 min Scan# 936
Delta R.T. -0.01 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	192596		
71	2.0	1.3	1.9#	
51	21.6	15.7	23.5	
120	18.9	16.3	24.5	





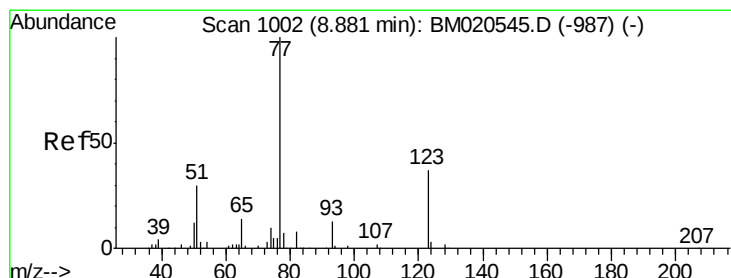
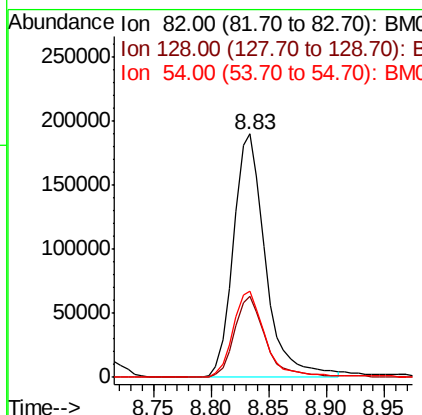
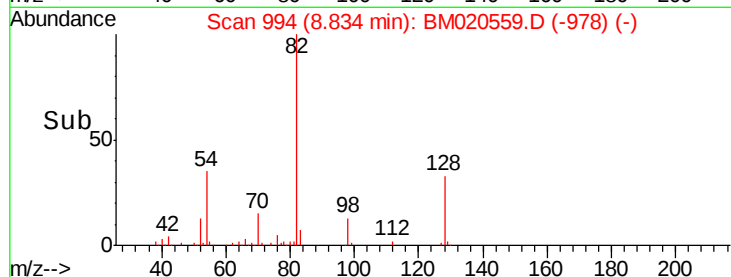
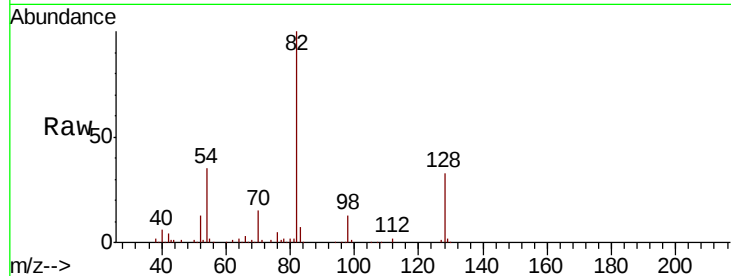
#23
 Nitrobenzene-d5
 Concen: 90.896 ng
 RT: 8.83 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BM020559.D
 Acq: 25 May 2019 02:08

Instrument :
 BNA_M
 ClientSampleID :
 PB119991BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	33.1	27.0	40.4	
54	35.3	27.4	41.2	

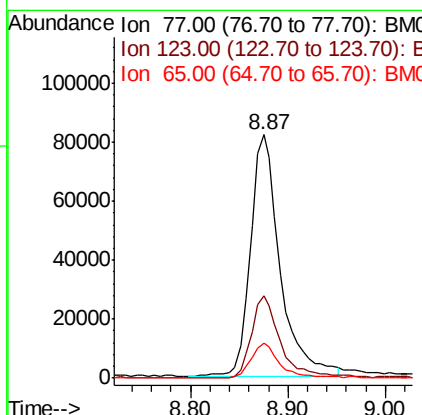
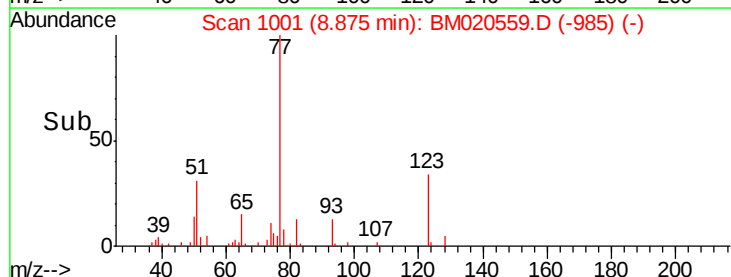
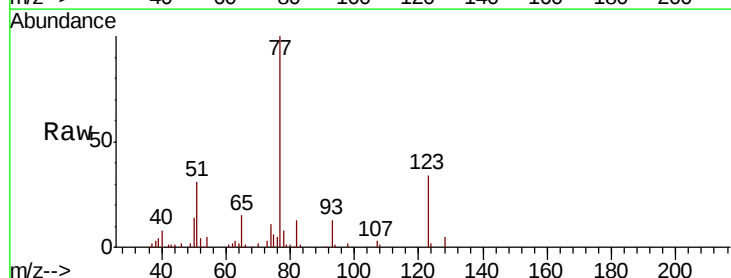
Manual Integrations
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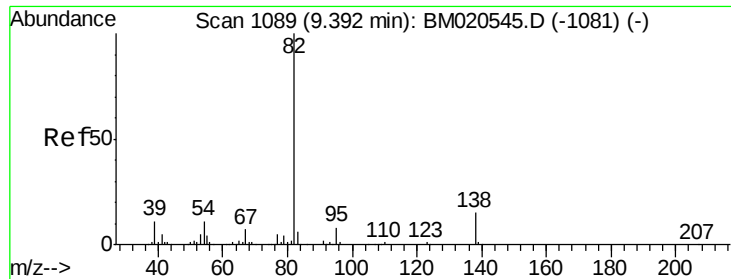
mohammad
 5/27/2019 4:00:17 AM



#24
 Nitrobenzene
 Concen: 43.773 ng
 RT: 8.87 min Scan# 1001
 Delta R.T. -0.01 min
 Lab File: BM020559.D
 Acq: 25 May 2019 02:08

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	34.0	29.4	44.2	
65	14.5	10.8	16.2	





#25

Isophorone

Concen: 42.871 ng

RT: 9.39 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

Instrument :

BNA_M

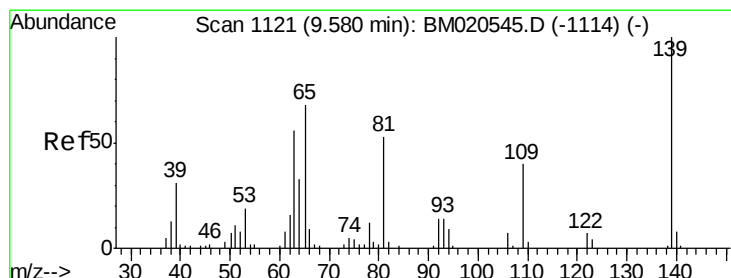
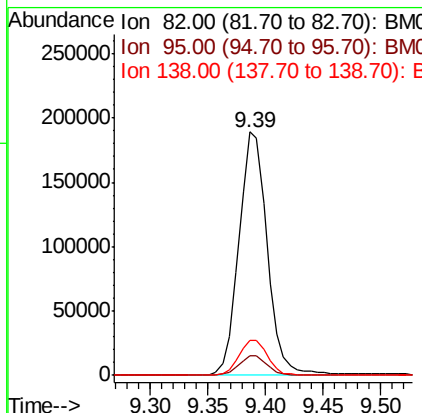
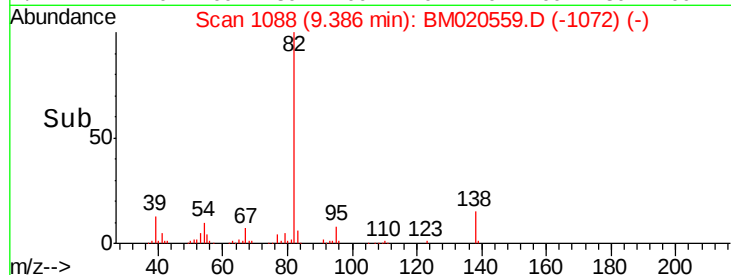
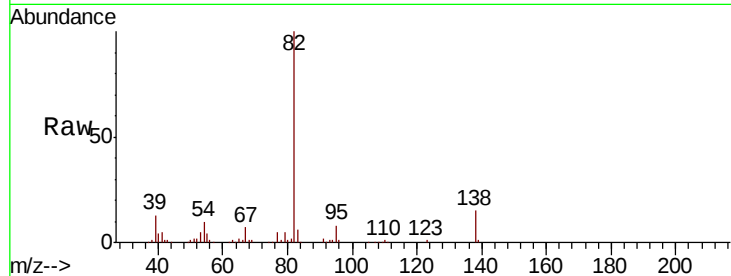
ClientSampleId :

PB119991BS

Tot Ion:	82	Resp:	322467
Ion Ratio	Lower	Upper	
82	100		
95	8.3	6.7	10.1
138	14.6	12.0	18.0

Manual Integrations
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mohammad
5/27/2019 4:00:17 AM



#26

2-Nitrophenol

Concen: 39.767 ng

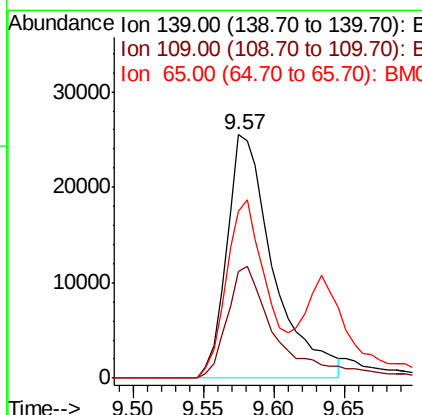
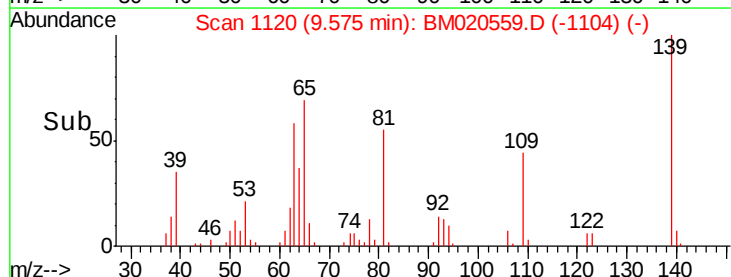
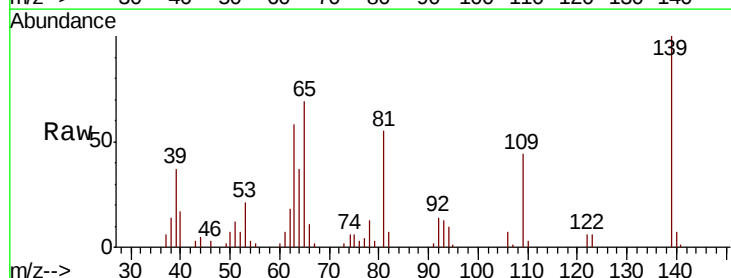
RT: 9.57 min Scan# 1120

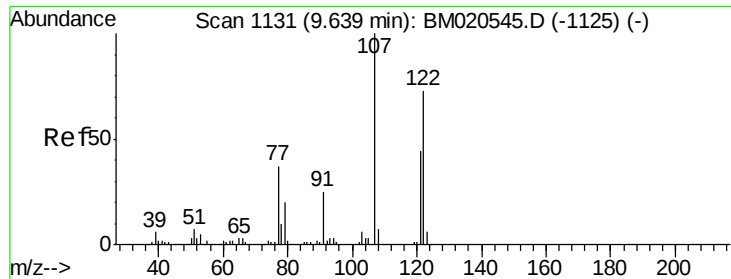
Delta R.T. -0.01 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

Tgt Ion:	139	Resp:	58579
Ion Ratio	Lower	Upper	
139	100		
109	43.8	32.3	48.5
65	68.7	54.4	81.6





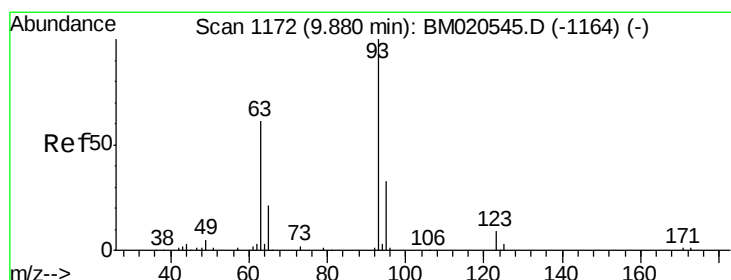
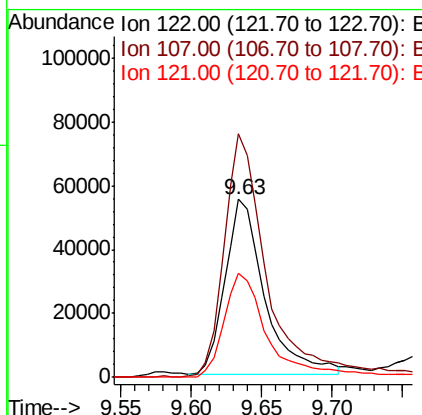
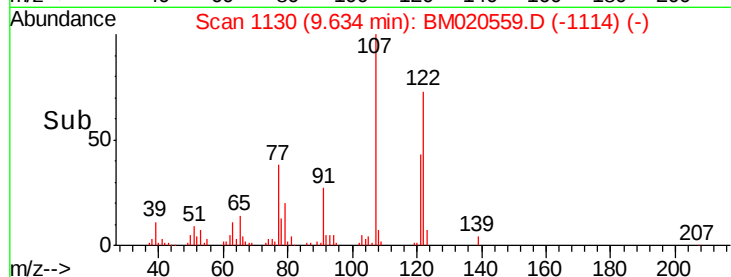
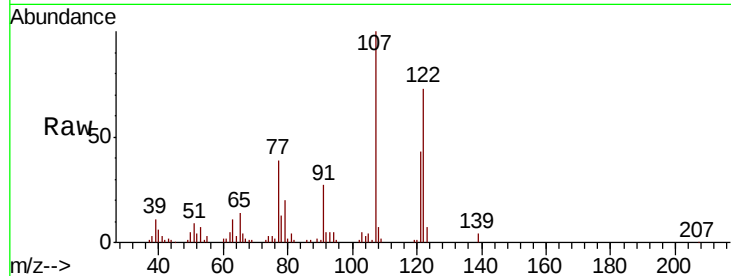
#27
2,4-Dimethylphenol
Concen: 49.628 ng
RT: 9.63 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

Instrument :
BNA_M
ClientSampled :
PB119991BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	136.9	108.2	162.2
121	58.8	47.4	71.0

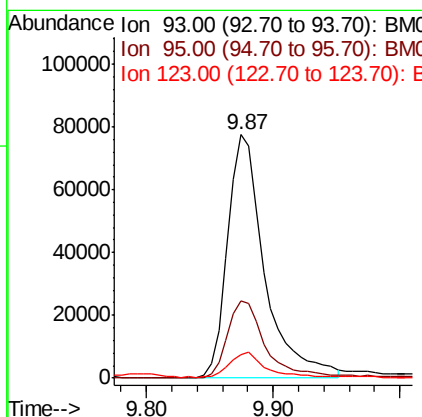
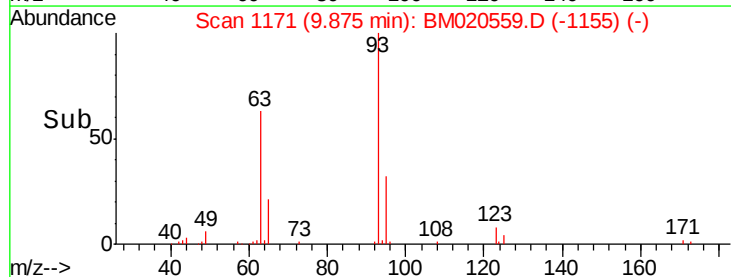
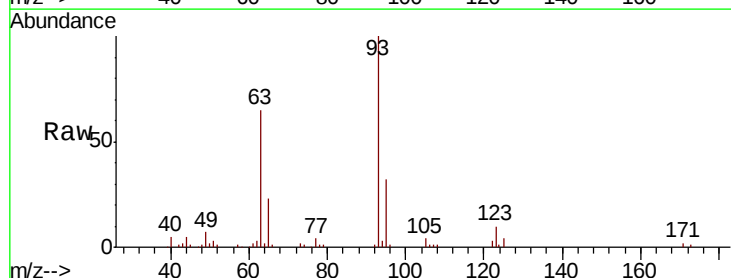
Manual Integrations
APPROVED

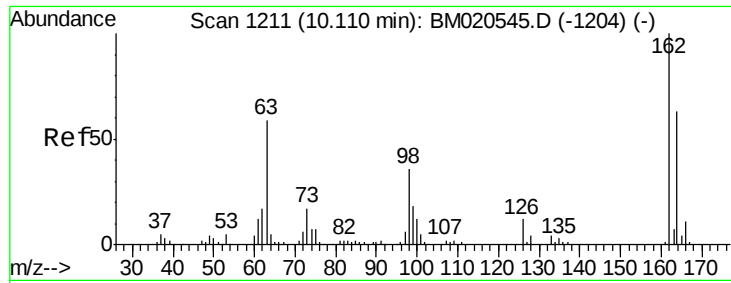
mohammad
5/27/2019 4:00:17 AM



#28
bis(2-Chloroethoxy)methane
Concen: 40.215 ng
RT: 9.87 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.1	39.1
123	9.9	8.1	12.1





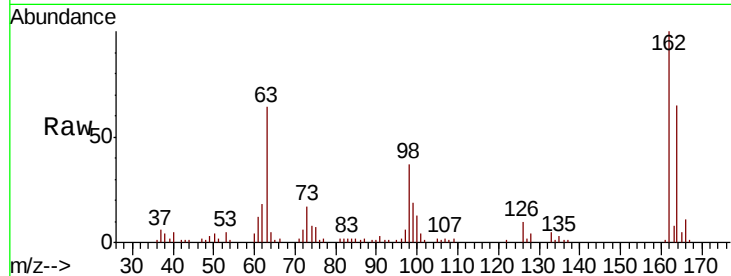
#29
2,4-Dichlorophenol
Concen: 46.141 ng
RT: 10.10 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

Instrument :
BNA_M
ClientSampleId :
PB119991BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.5	43.1	83.1
98	37.1	16.2	56.2

Manual Integrations
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5/27/2019 4:00:17 AM

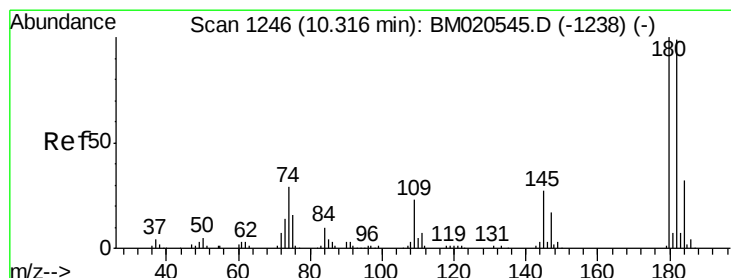
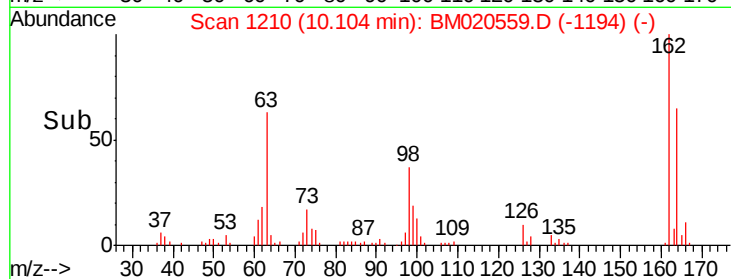
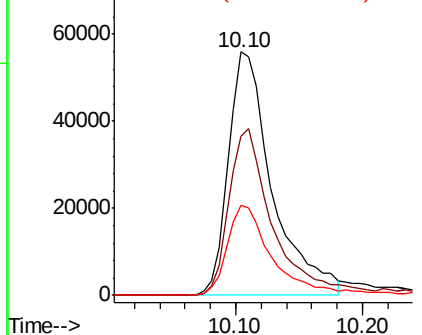


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30
1,2,4-Trichlorobenzene
Concen: 41.488 ng
RT: 10.31 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

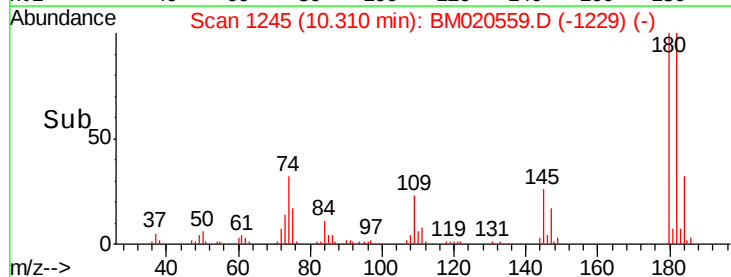
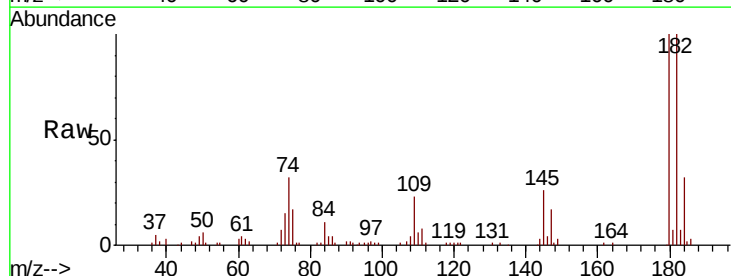
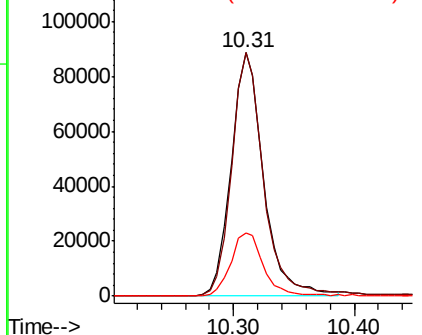
Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	99.8	78.8	118.2
145	26.2	21.3	31.9

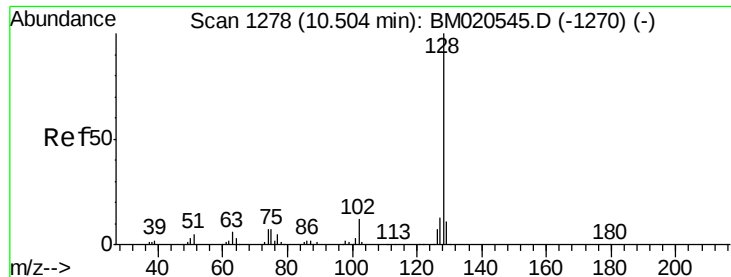
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





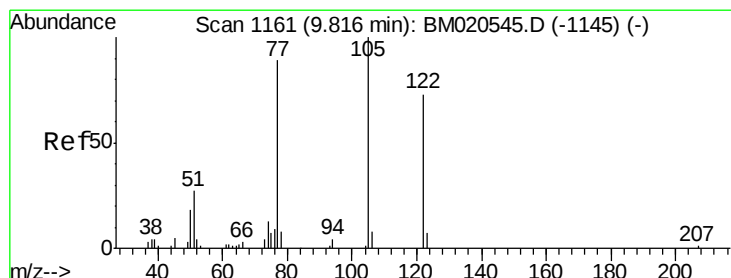
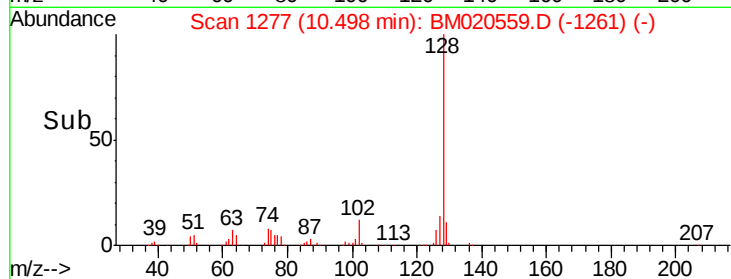
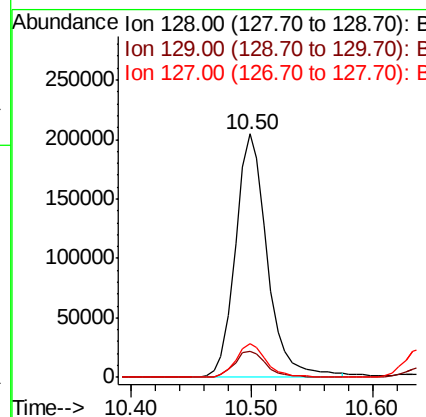
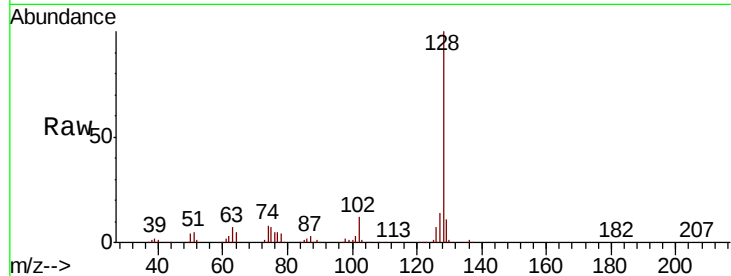
#31
Naphthalene
Concen: 43.014 ng
RT: 10.50 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

Instrument :
BNA_M
ClientSampled :
PB119991BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.6
127	13.7	10.4	15.6

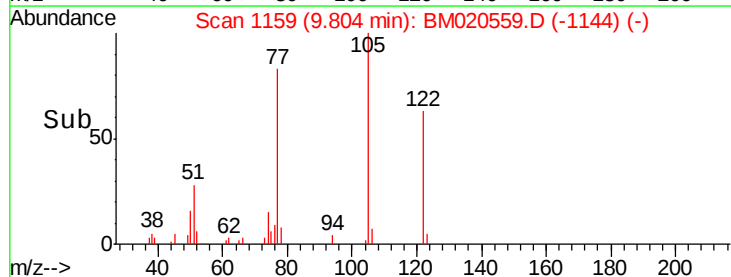
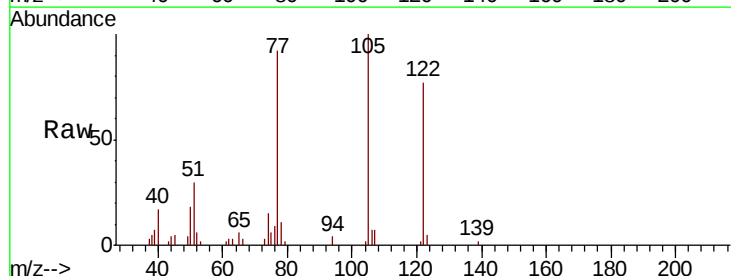
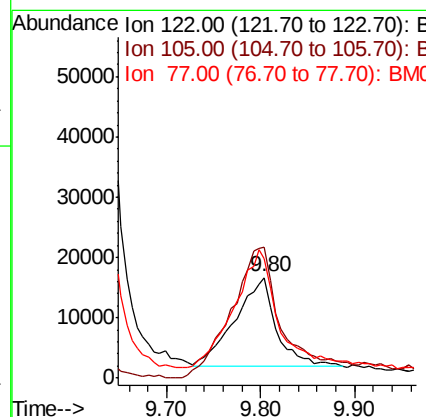
Manual Integrations
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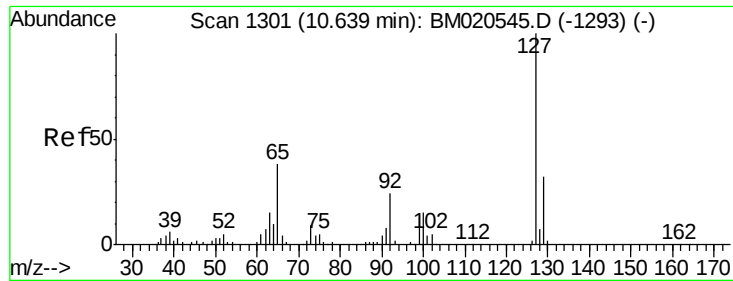
mohammad
5/27/2019 4:00:17 AM



#32
Benzoic acid
Concen: 34.478 ng
RT: 9.80 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.3	108.8	148.8
77	118.5	97.8	137.8





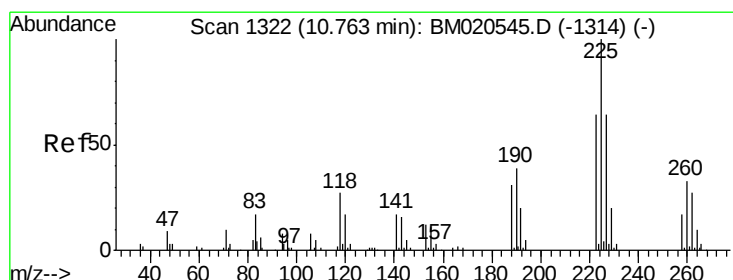
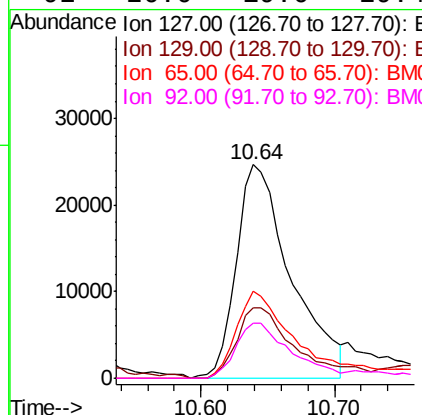
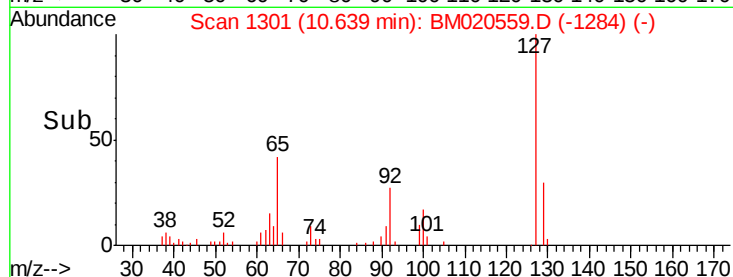
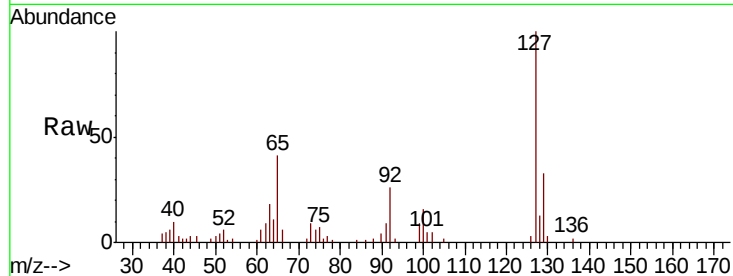
#33
4-Chloroaniline
Concen: 20.050 ng
RT: 10.64 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

Instrument :
BNA_M
ClientSampleId :
PB119991BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.0	25.4	38.2		
65	40.5	30.6	45.8		
92	26.0	19.6	29.4		

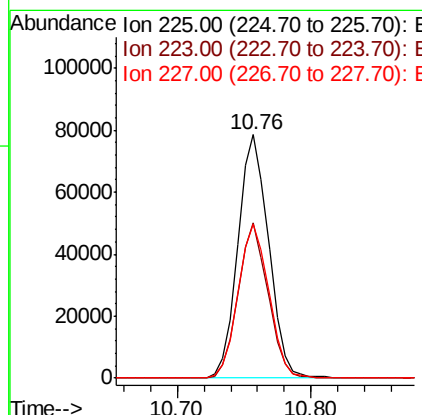
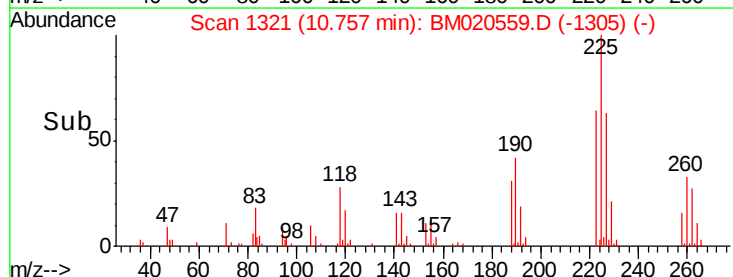
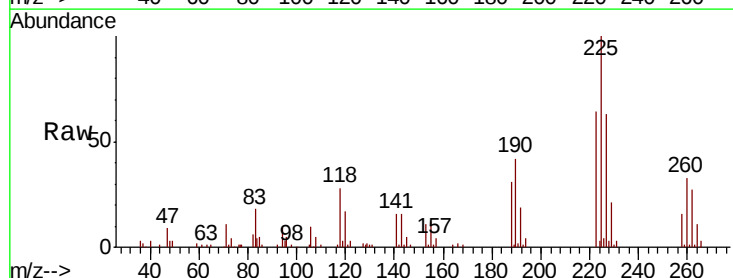
Manual Integrations
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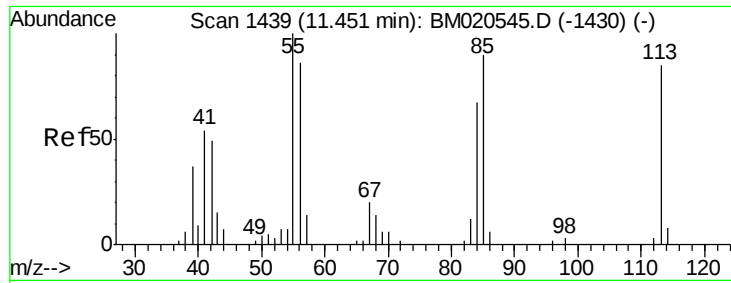
mohammad
5/27/2019 4:00:17 AM



#34
Hexachlorobutadiene
Concen: 42.097 ng
RT: 10.76 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.9	51.4	77.0		
227	63.1	51.0	76.6		





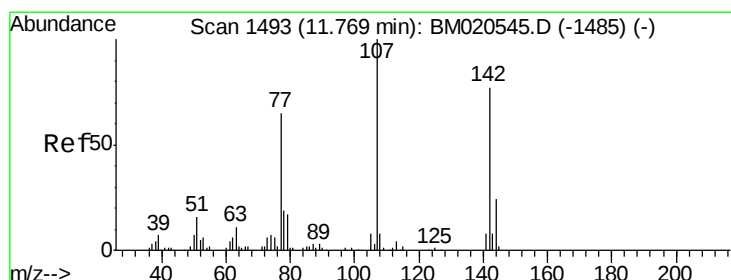
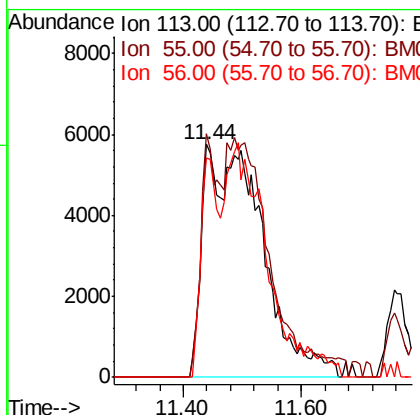
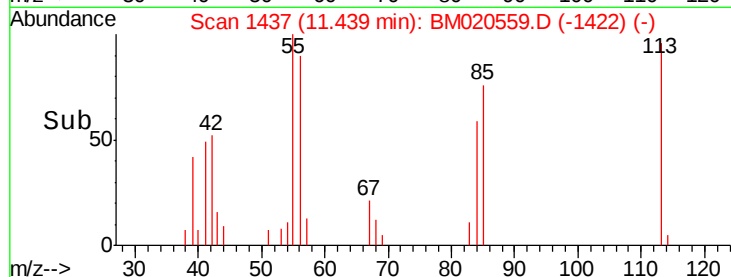
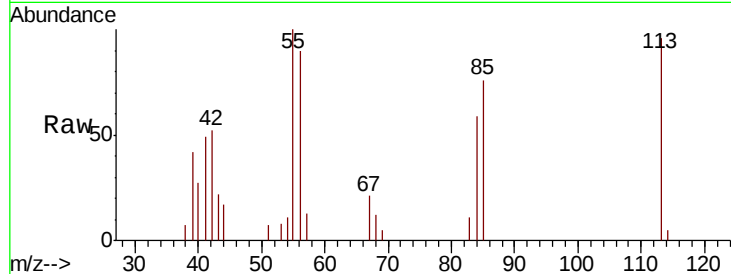
#35
Caprolactam
Concen: 41.104 ng/ml
RT: 11.44 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

Instrument :
BNA_M
ClientSampleId :
PB119991BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		39482		
55	104.5	97.6	137.6		
56	94.0	81.6	121.6		

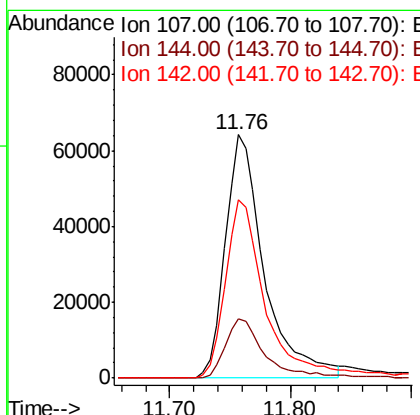
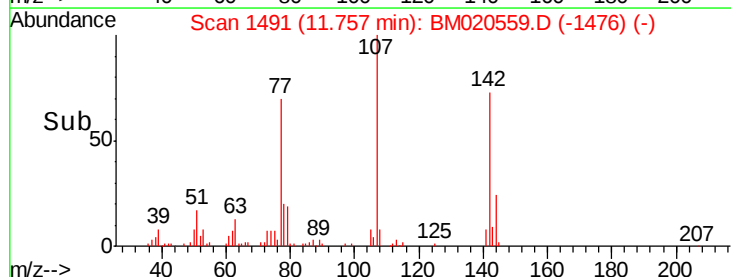
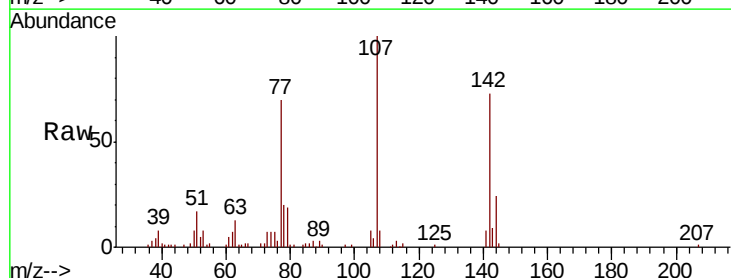
Manual Integrations
APPROVED

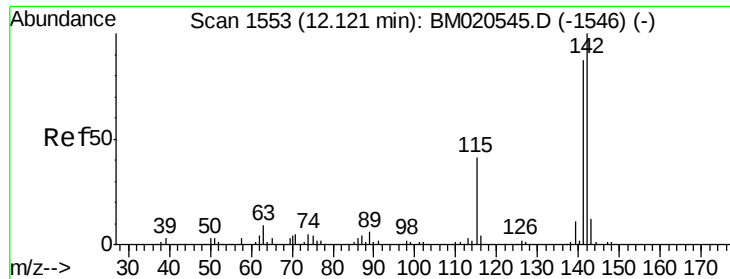
mohammad
5/27/2019 4:00:17 AM



#36
4-Chloro-3-methylphenol
Concen: 45.285 ng
RT: 11.76 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		143825		
144	24.2	19.0	28.6		
142	73.1	61.3	91.9		





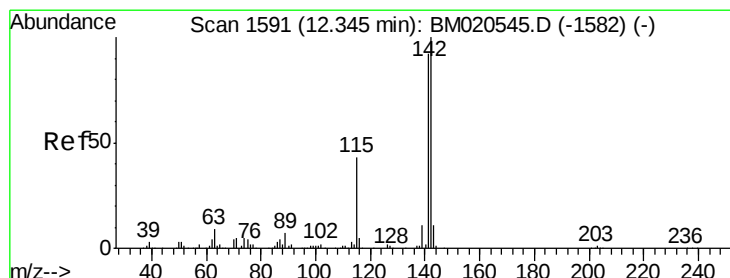
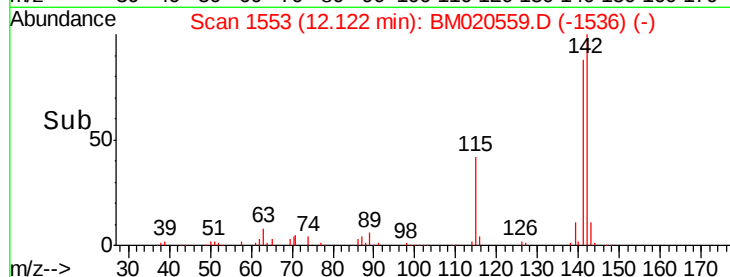
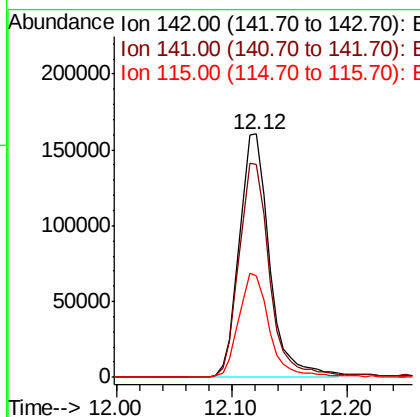
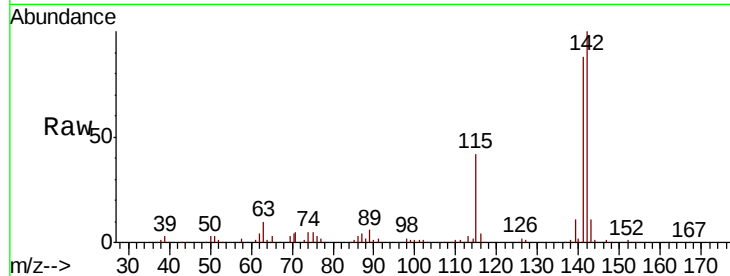
#37
2-Methylnaphthalene
Concen: 44.049 ng
RT: 12.12 min Scan# 1553
Delta R.T. 0.00 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

Instrument :
BNA_M
ClientSampleId :
PB119991BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.6	69.9	104.9
115	41.8	32.9	49.3

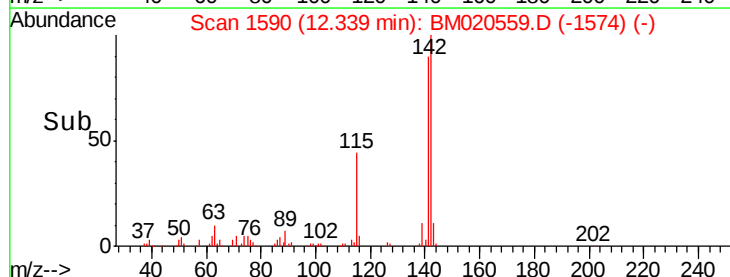
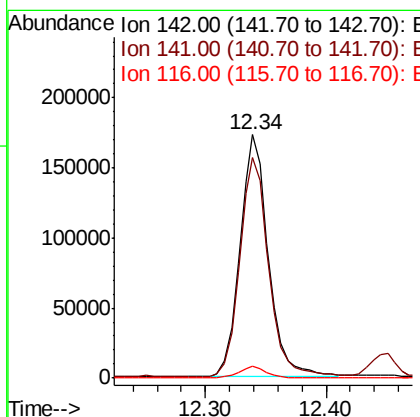
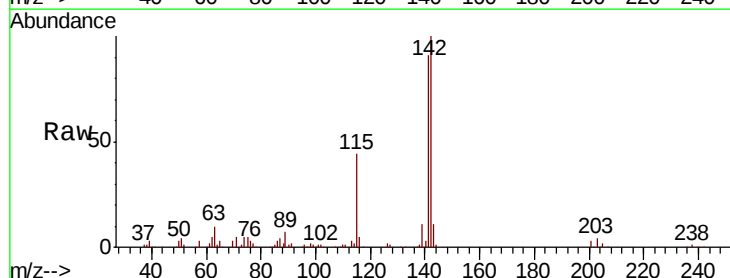
Manual Integrations
APPROVED

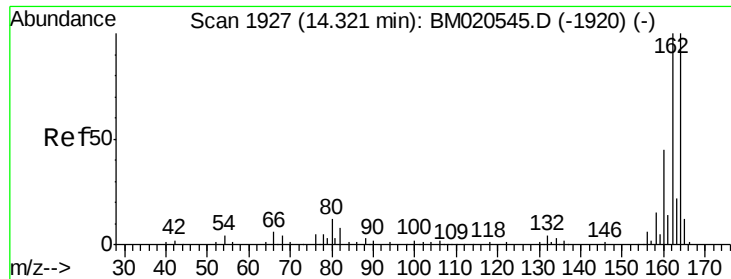
mohammad
5/27/2019 4:00:17 AM



#38
1-Methylnaphthalene
Concen: 43.754 ng
RT: 12.34 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.7	73.7	110.5
116	4.9	3.7	5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

Instrument :

BNA_M

ClientSampleId :

PB119991BS

Tot Ion:164 Resp: 129488

Ion Ratio Lower Upper

164 100

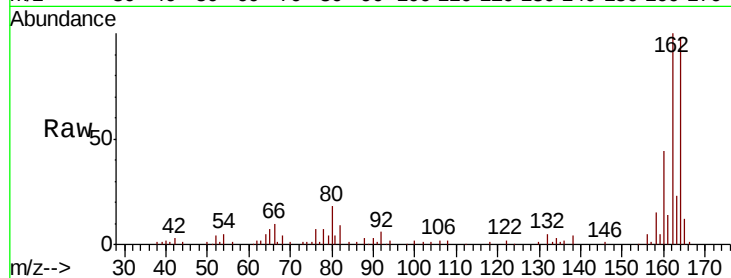
162 102.4 79.8 119.8

160 45.2 35.9 53.9

Manual Integrations
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mohammad

5/27/2019 4:00:17 AM

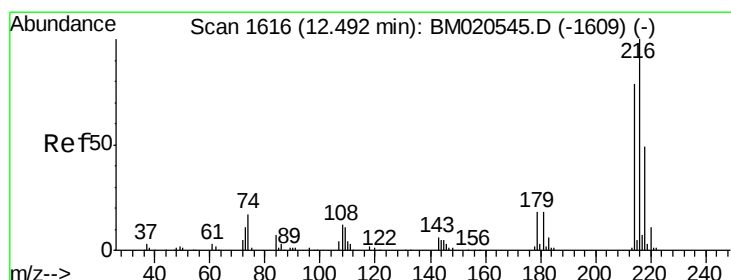
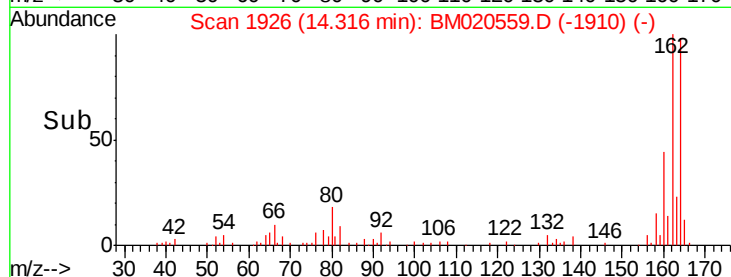
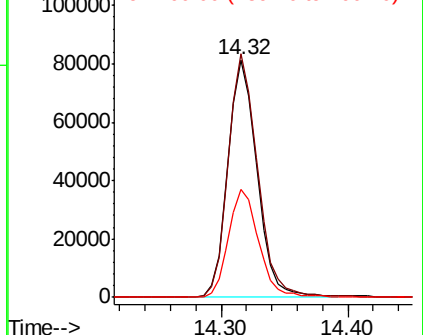


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.185 ng

RT: 12.49 min Scan# 1615

Delta R.T. -0.01 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

Tgt Ion:216 Resp: 235072

Ion Ratio Lower Upper

216 100

214 77.3 63.0 94.6

179 18.8 14.8 22.2

108 13.0 10.5 15.7

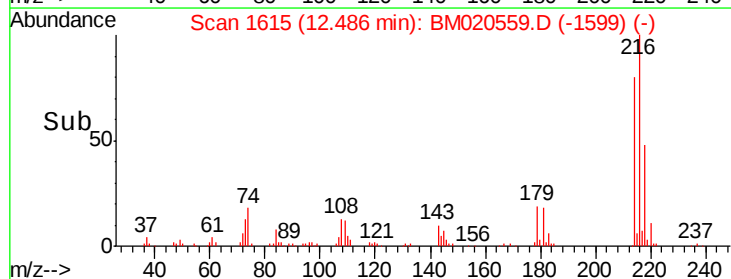
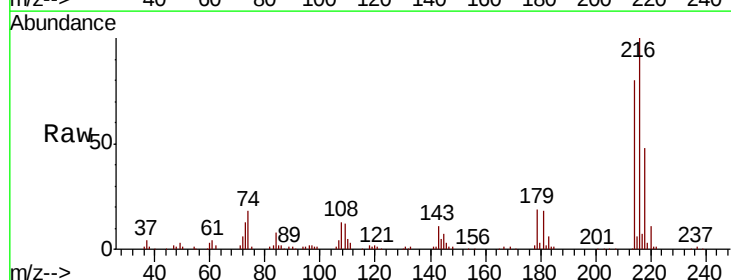
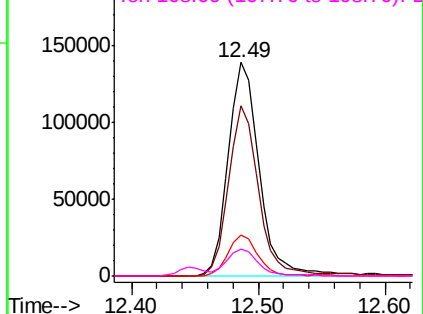
Abundance

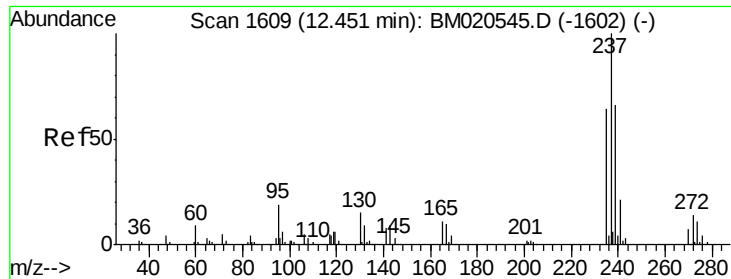
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 101.163 ng

RT: 12.45 min Scan# 1609

Delta R.T. 0.00 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

Instrument :

BNA_M

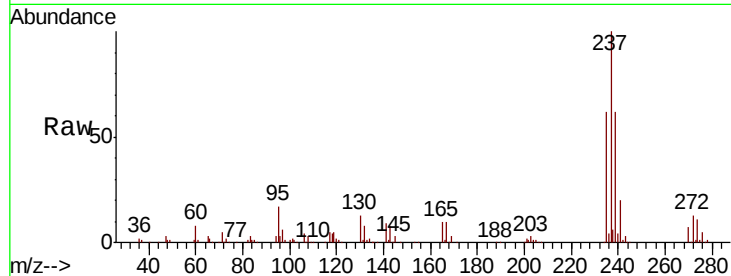
ClientSampleId :

PB119991BS

Tot Ion:	237	Resp:	276519
Ion Ratio	Lower	Upper	
237	100		
235	62.4	43.5	83.5
272	13.1	0.0	33.9

Manual Integrations
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mohammad
5/27/2019 4:00:17 AM

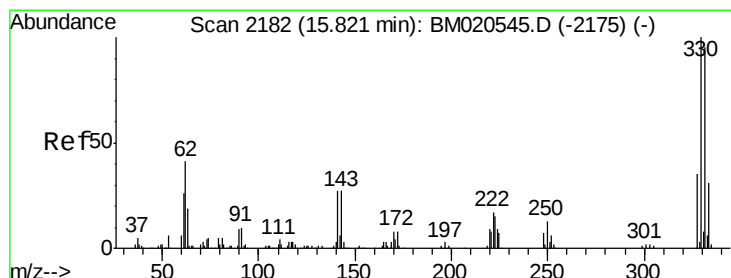
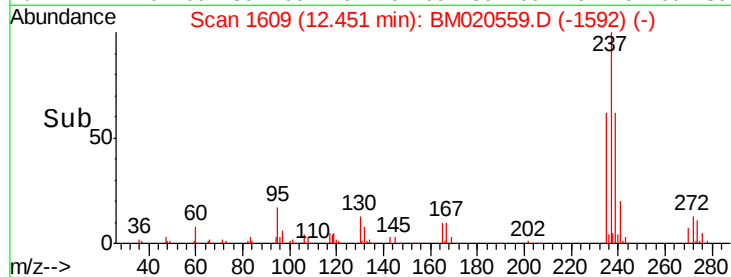
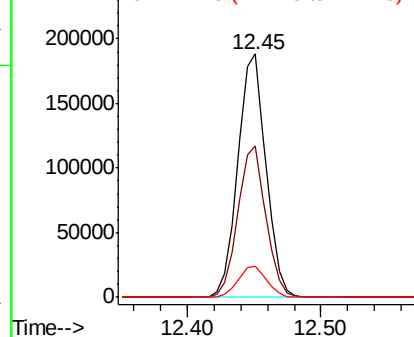


Abundance

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: 155.609 ng

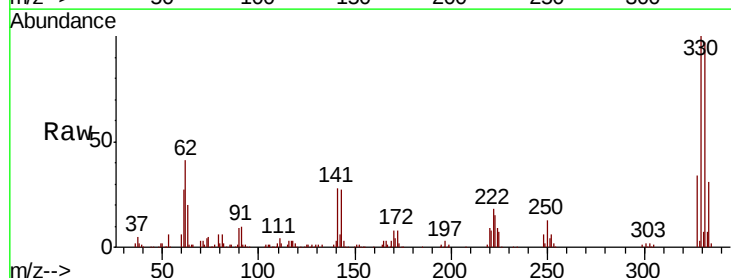
RT: 15.82 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

Tgt Ion:	330	Resp:	403687
Ion Ratio	Lower	Upper	
330	100		
332	97.0	77.5	116.3
141	27.0	21.7	32.5

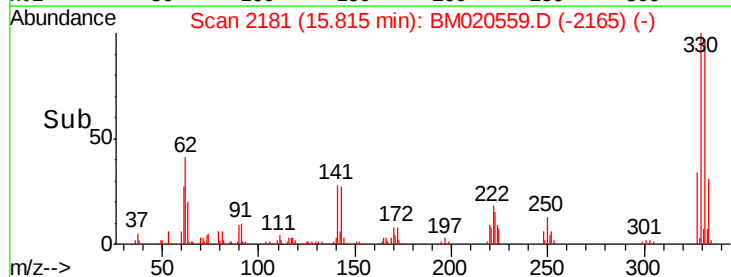
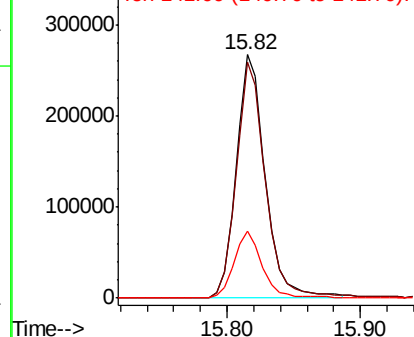


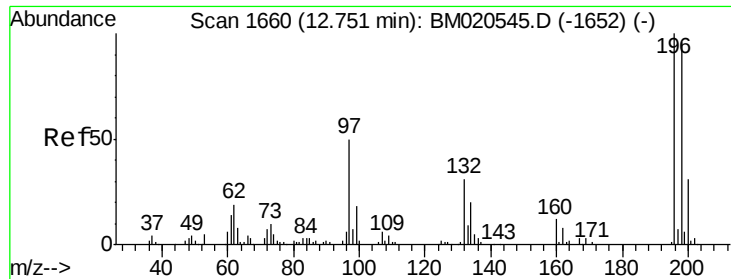
Abundance

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





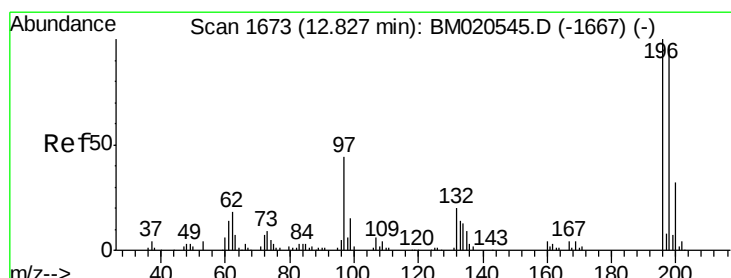
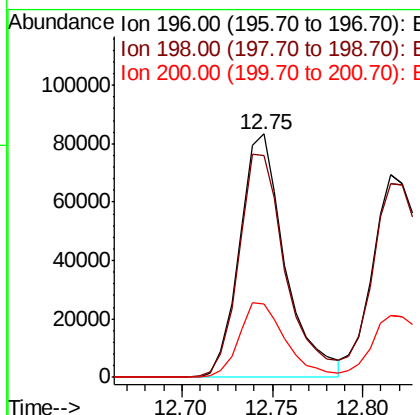
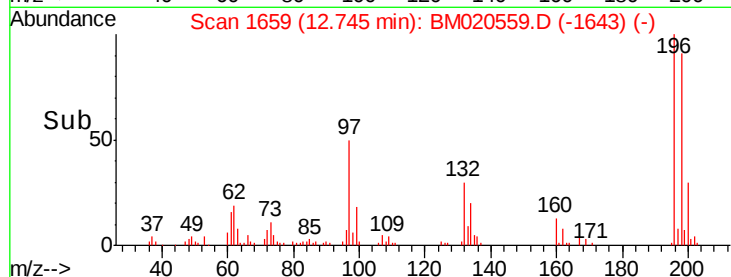
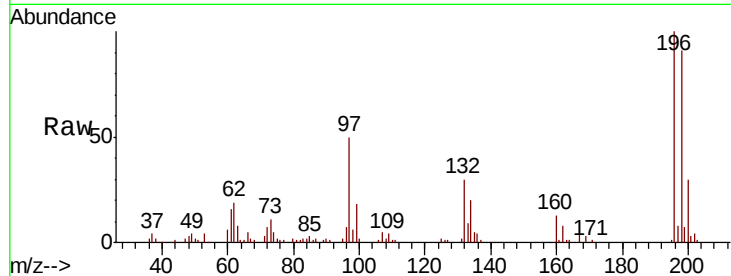
#43
 2,4,6-Trichlorophenol
 Concen: 43.139 ng
 RT: 12.75 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BM020559.D
 Acq: 25 May 2019 02:08

Instrument :
 BNA_M
 ClientSampleID :
 PB119991BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	145318		
198	91.3	76.4	114.6	
200	30.0	25.0	37.4	

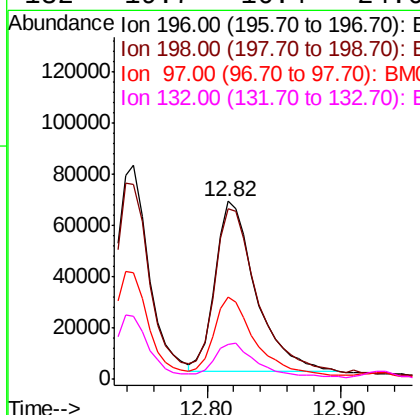
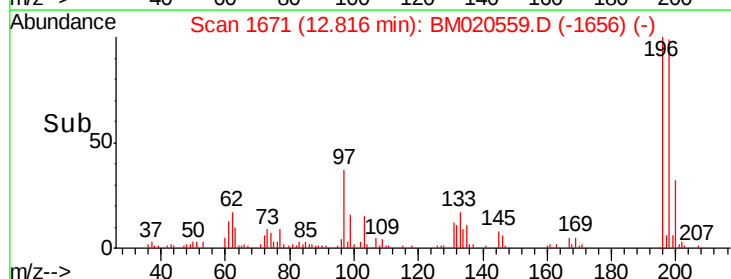
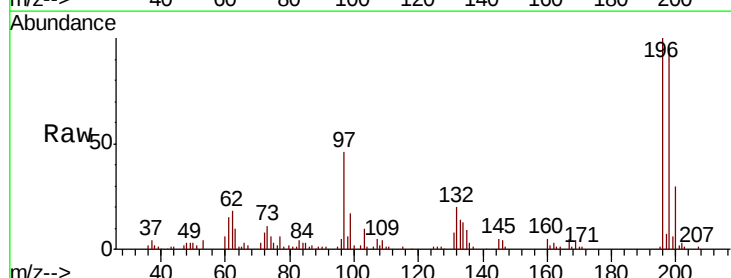
Manual Integrations
 APPROVED

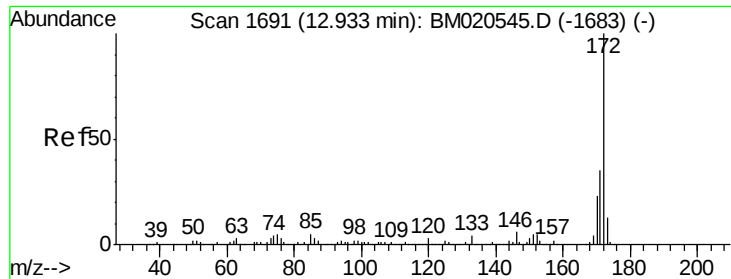
mohammad
 5/27/2019 4:00:17 AM



#44
 2,4,5-Trichlorophenol
 Concen: 44.556 ng
 RT: 12.82 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BM020559.D
 Acq: 25 May 2019 02:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	140157		
198	96.0	77.6	116.4	
97	45.9	35.4	53.0	
132	19.7	16.4	24.6	





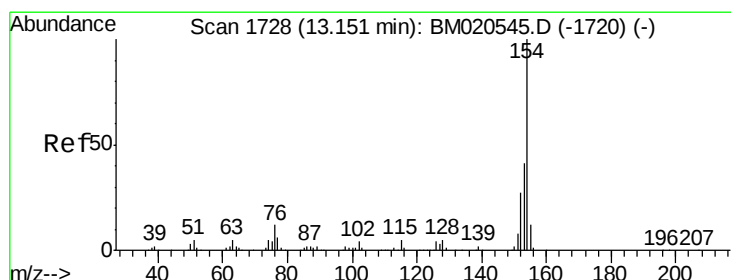
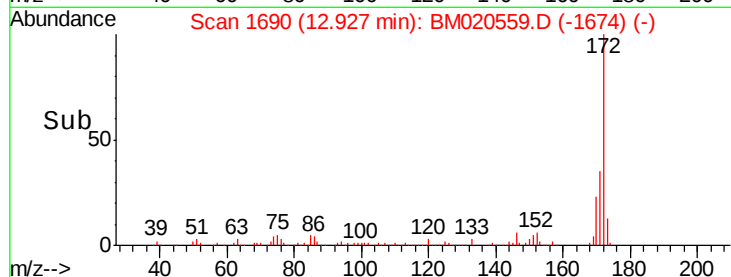
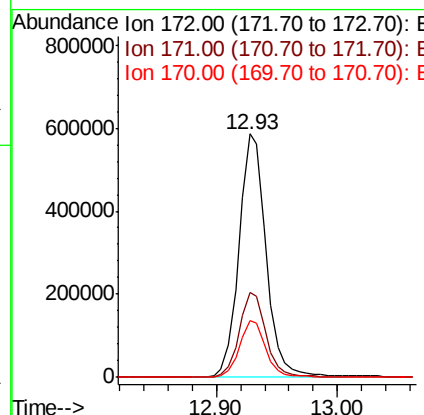
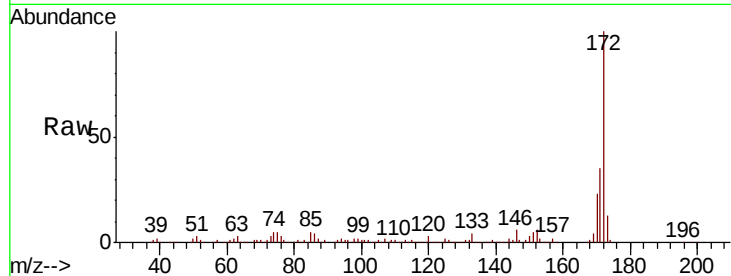
#45
2-Fluorobiphenyl
Concen: 89.251 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

Instrument :
BNA_M
ClientSampleId :
PB119991BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.9	41.9
170	23.1	18.2	27.4

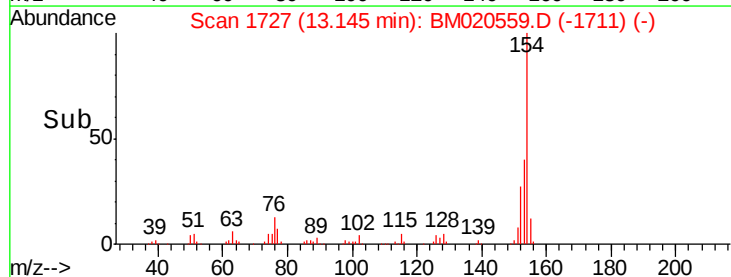
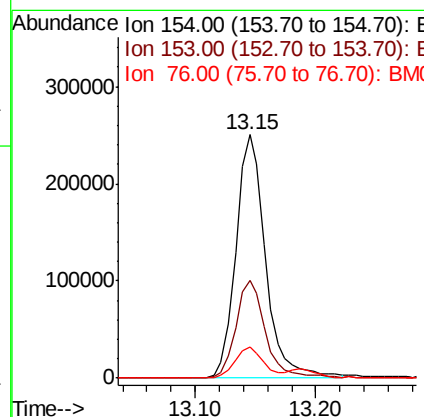
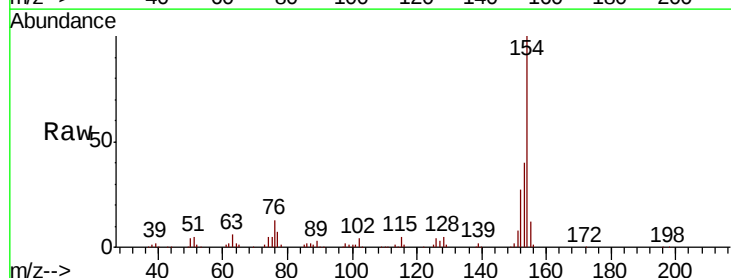
Manual Integrations
APPROVED

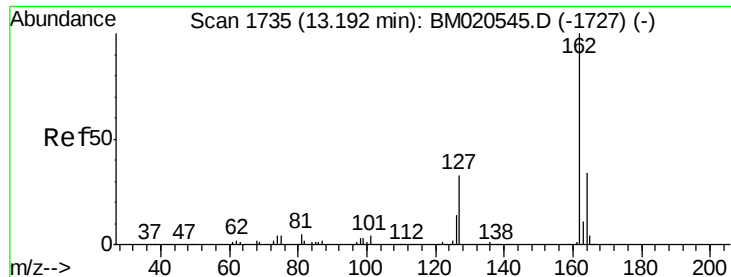
mohammad
5/27/2019 4:00:17 AM



#46
1,1'-Biphenyl
Concen: 42.872 ng
RT: 13.15 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.6	60.6
76	12.8	0.0	32.2





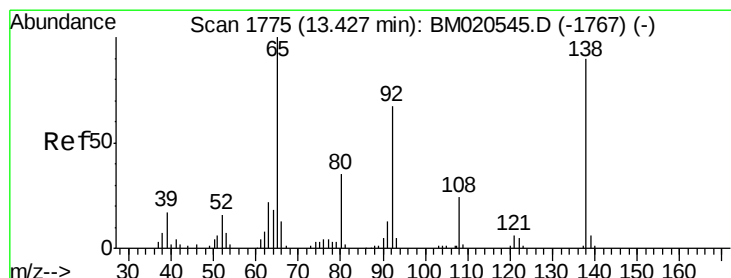
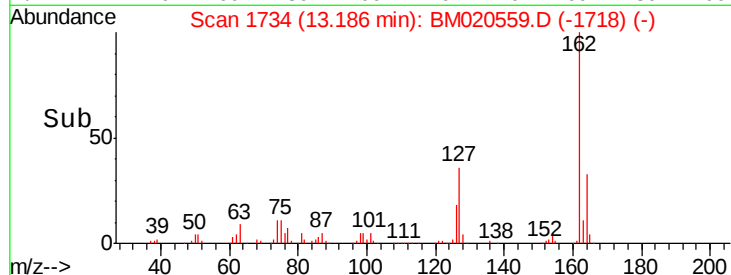
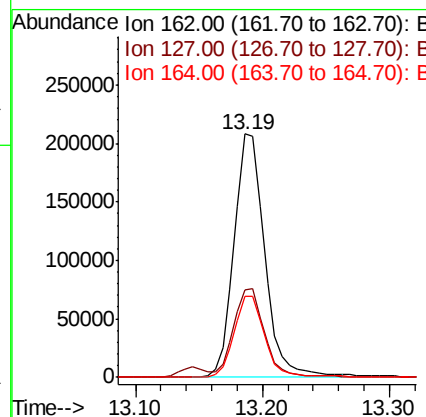
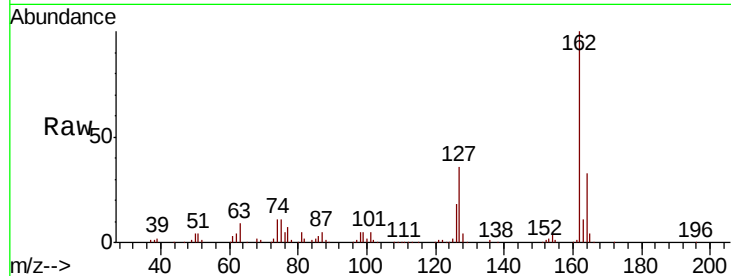
#47
2-Chloronaphthalene
Concen: 41.191 ng
RT: 13.19 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

Instrument :
BNA_M
ClientSampled :
PB119991BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.0	29.2	43.8
164	33.1	27.4	41.2

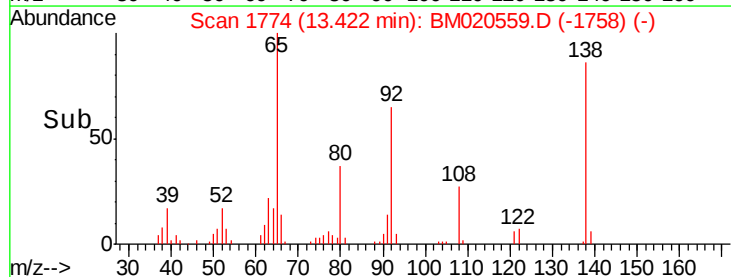
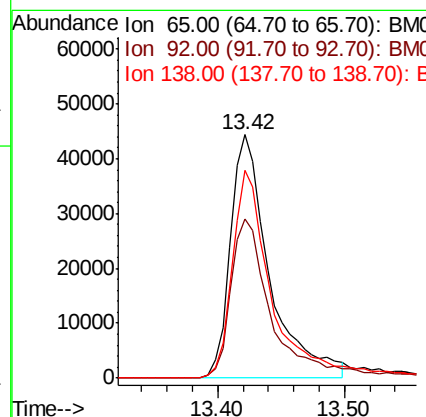
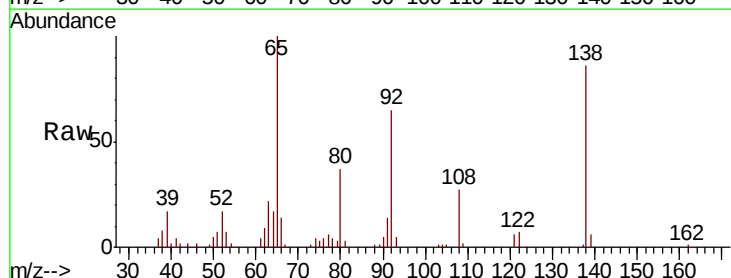
Manual Integrations
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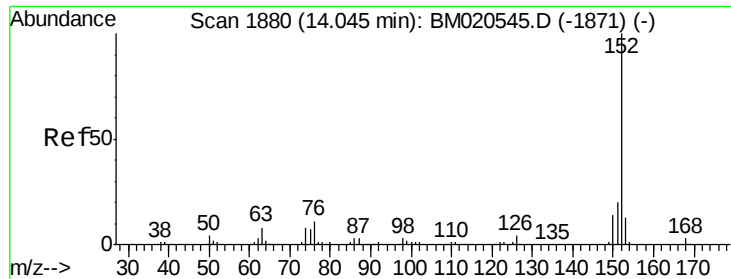
mohammad
5/27/2019 4:00:17 AM



#48
2-Nitroaniline
Concen: 37.211 ng
RT: 13.42 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.2	53.6	80.4
138	85.6	72.0	108.0





#49

Acenaphthylene

Concen: 43.060 ng

RT: 14.04 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

Instrument :

BNA_M

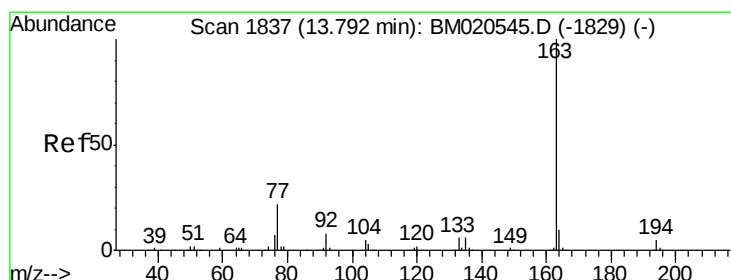
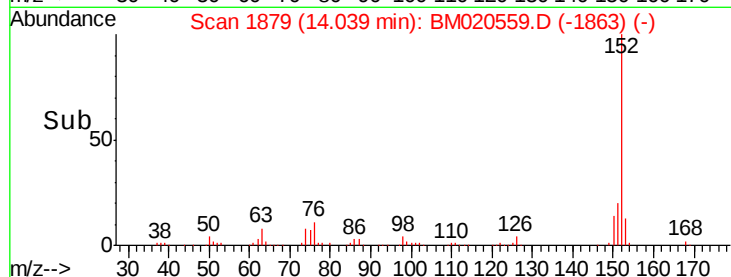
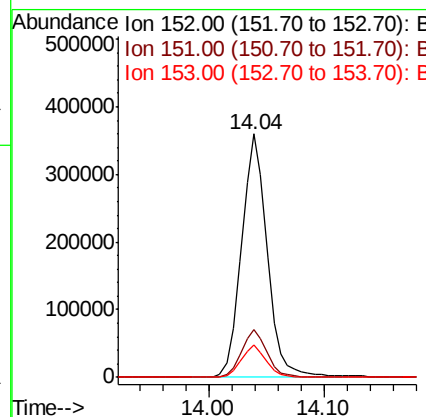
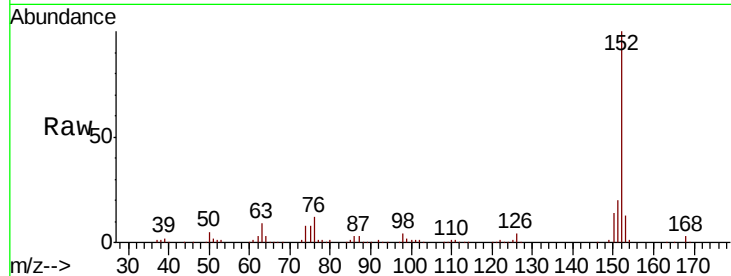
ClientSampleId :

PB119991BS

Tot Ion:	152	Resp:	553604
Ion Ratio	Lower	Upper	
152	100		
151	19.6	15.7	23.5
153	13.1	10.2	15.2

Manual Integrations
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mohammad
5/27/2019 4:00:17 AM



#50

Dimethylphthalate

Concen: 41.744 ng

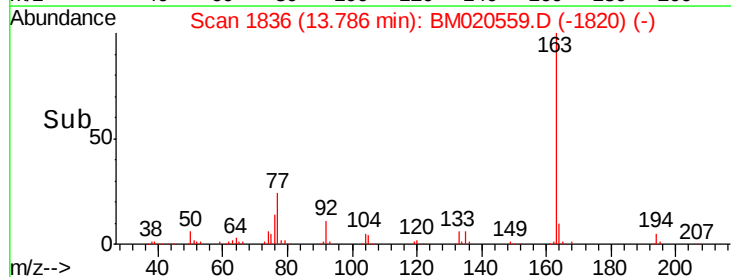
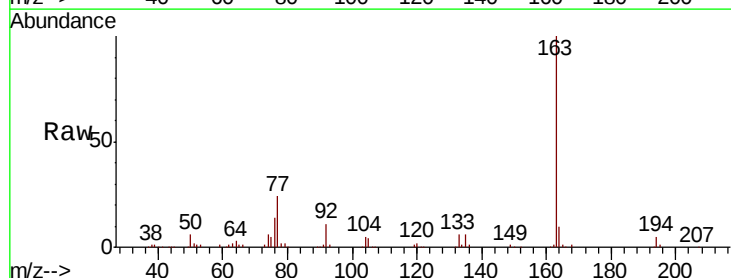
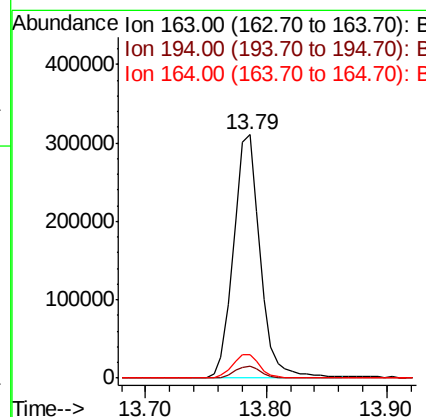
RT: 13.79 min Scan# 1836

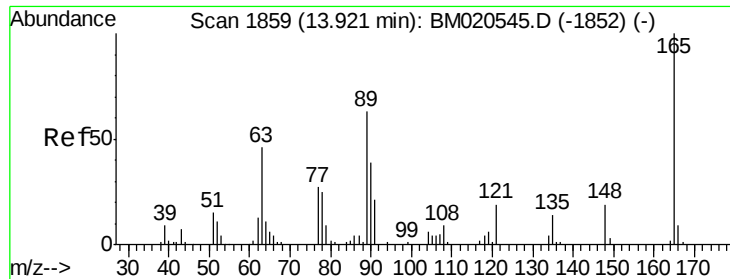
Delta R.T. -0.01 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

Tgt Ion:	163	Resp:	478779
Ion Ratio	Lower	Upper	
163	100		
194	5.0	3.9	5.9
164	9.6	8.0	12.0





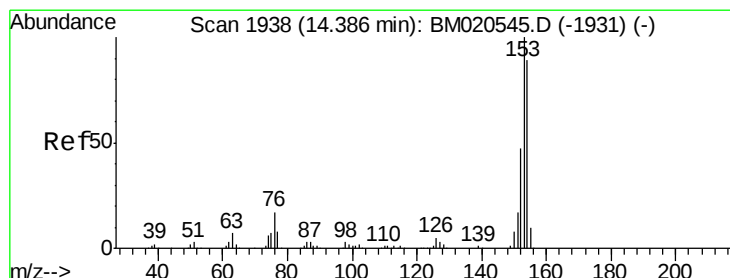
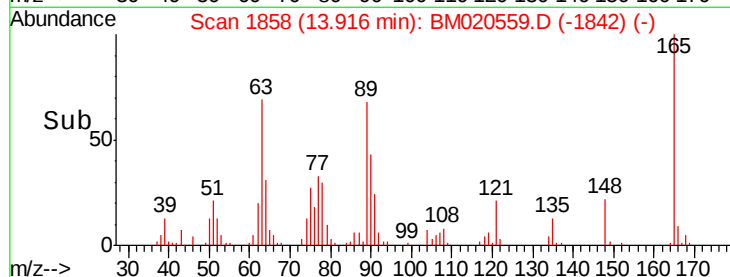
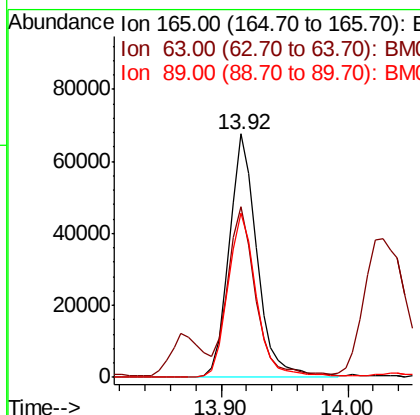
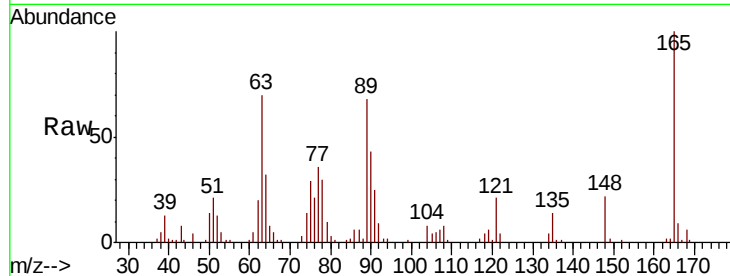
#51
2,6-Dinitrotoluene
Concen: 42.941 ng
RT: 13.92 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

Instrument :
BNA_M
ClientSampleId :
PB119991BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	70.2	49.6	74.4
89	67.6	50.8	76.2

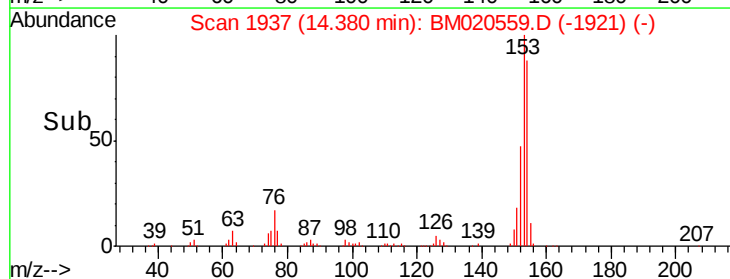
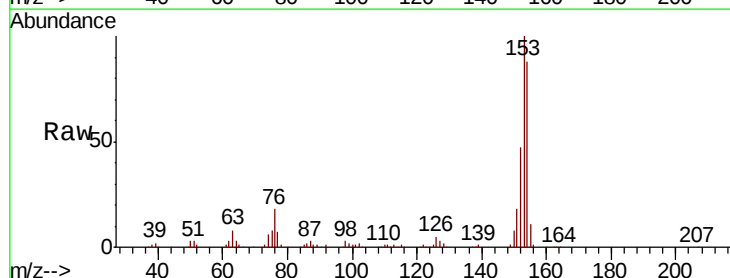
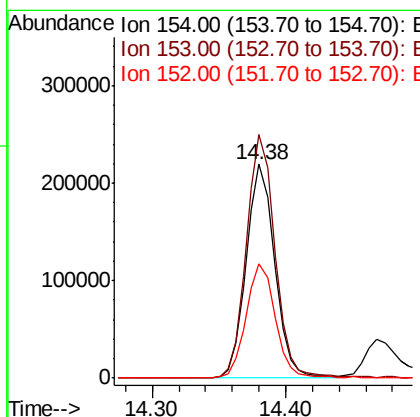
Manual Integrations
APPROVED

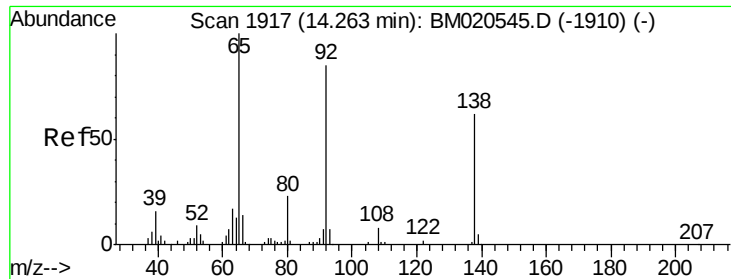
mohammad
5/27/2019 4:00:17 AM



#52
Acenaphthene
Concen: 41.832 ng
RT: 14.38 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.9	90.2	135.4
152	53.4	42.0	63.0





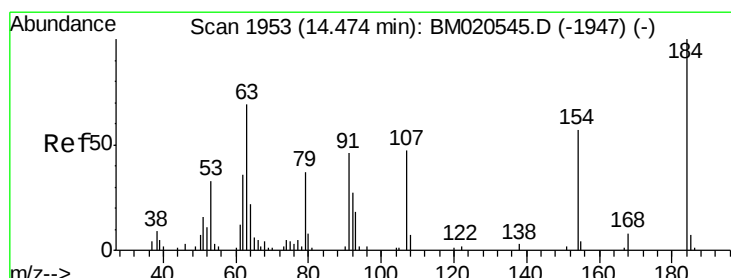
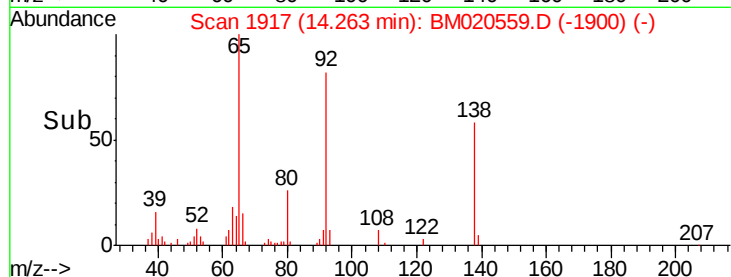
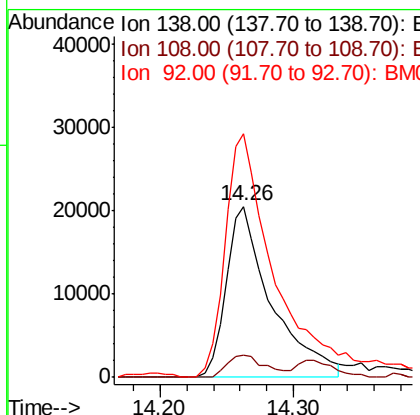
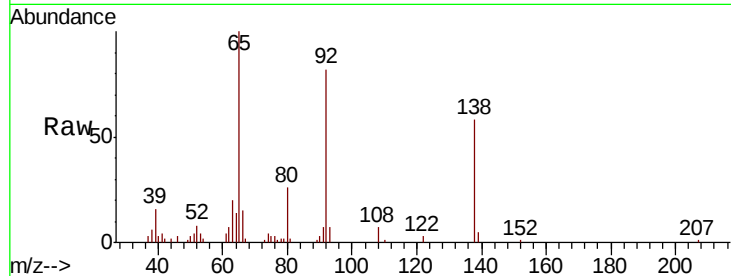
#53
3-Nitroaniline
Concen: 25.707 ng
RT: 14.26 min Scan# 1917
Delta R.T. 0.00 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

Instrument :
BNA_M
ClientSampleId :
PB119991BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.7	10.1	15.1
92	142.6	109.5	164.3

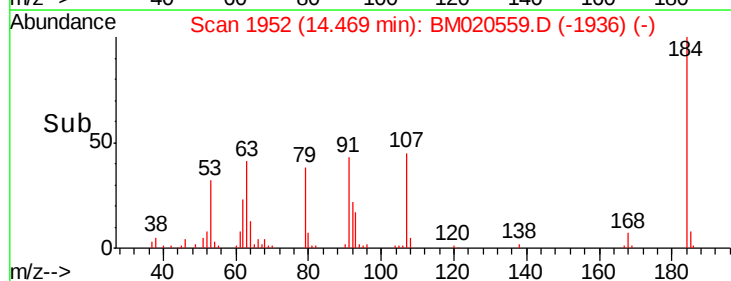
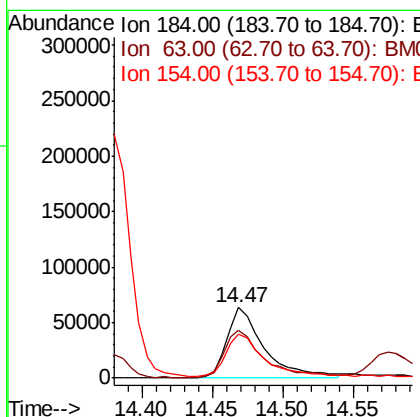
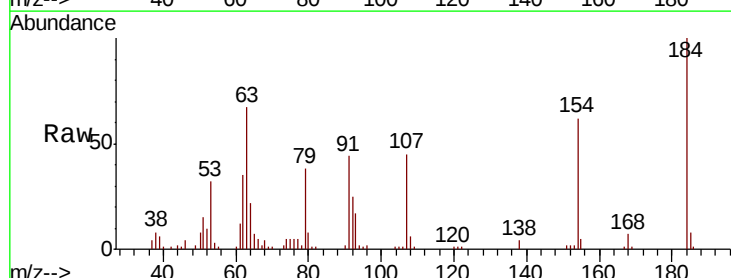
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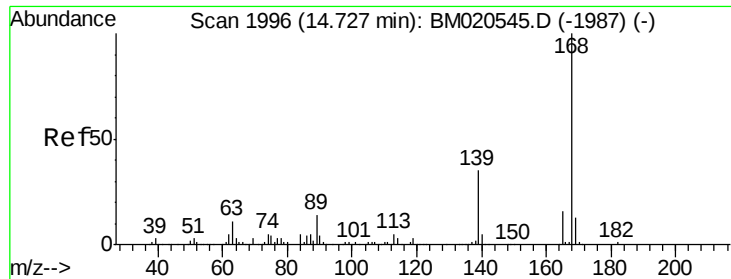
mohammad
5/27/2019 4:00:17 AM



#54
2,4-Dinitrophenol
Concen: 76.775 ng
RT: 14.47 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

Tgt Ion	Ratio	Lower	Upper
184	100		
63	67.4	56.3	84.5
154	62.5	49.0	73.6





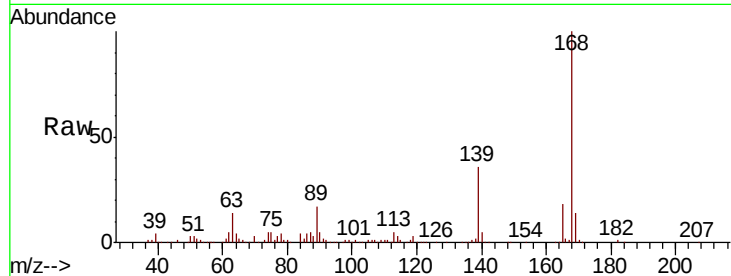
#55
Dibenzenofuran
Concen: 44.269 ng
RT: 14.72 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

Instrument :
BNA_M
ClientSampleId :
PB119991BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.6	28.2	42.4
169	13.7	10.6	16.0

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mohammad
5/27/2019 4:00:17 AM

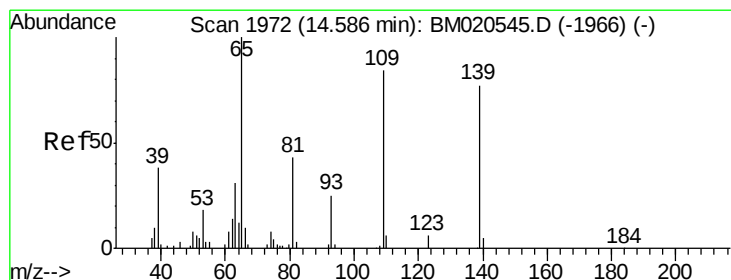
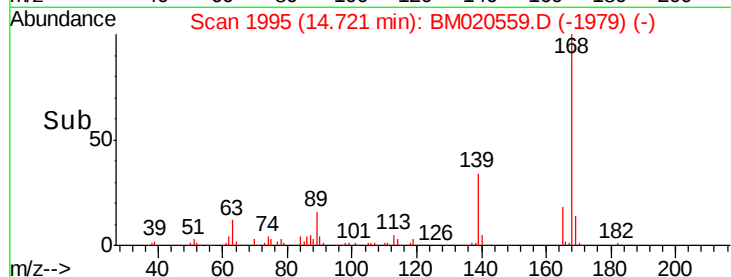
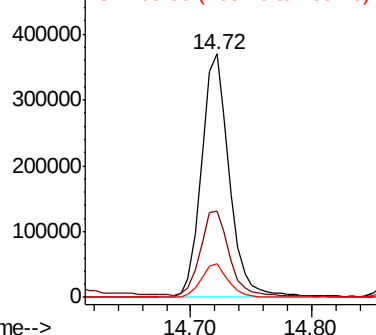


Abundance

Ion 168.00 (167.70 to 168.70): E

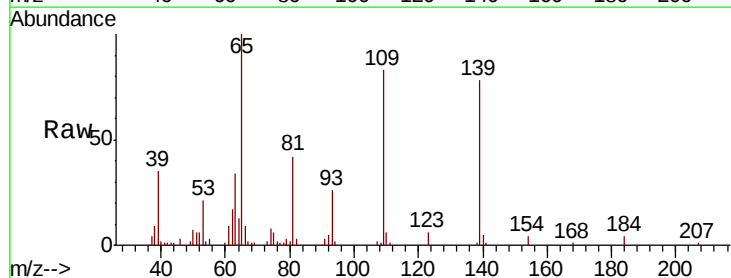
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 78.245 ng
RT: 14.57 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

Tgt Ion	Ratio	Lower	Upper
139	100		
109	105.8	89.4	129.4
65	127.9	113.3	153.3

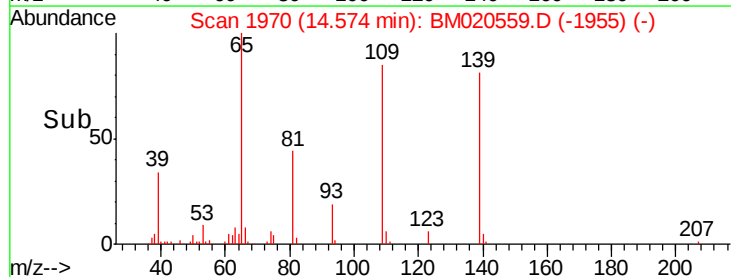
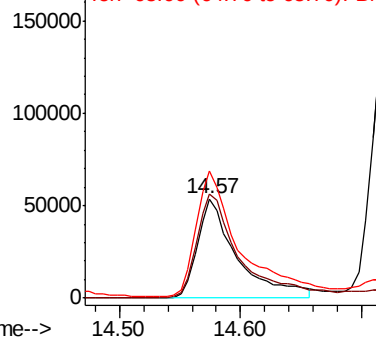


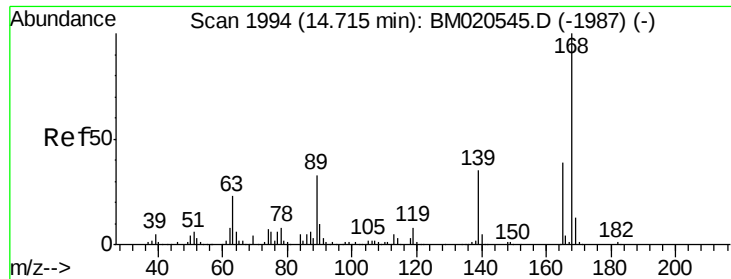
Abundance

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





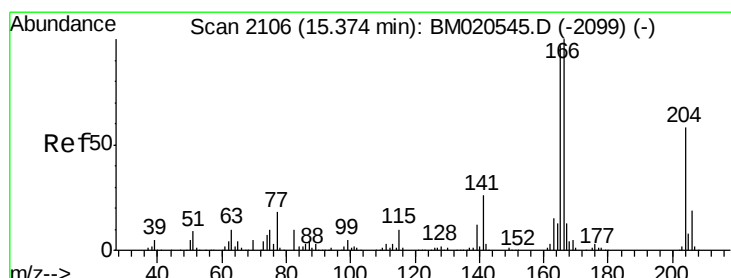
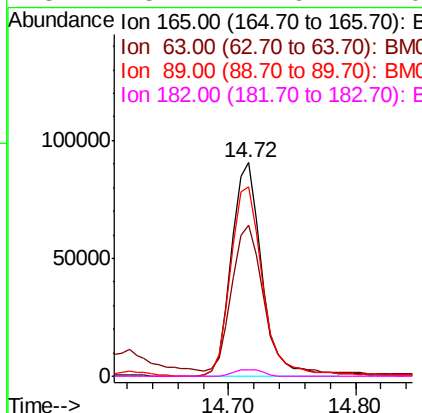
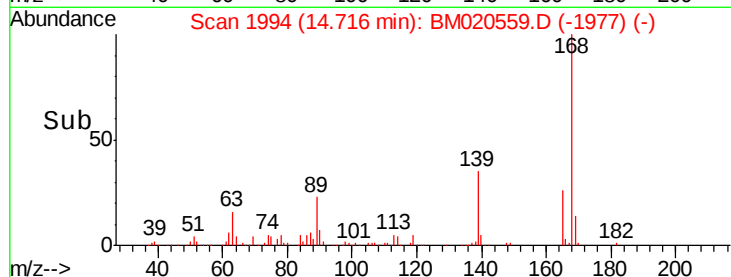
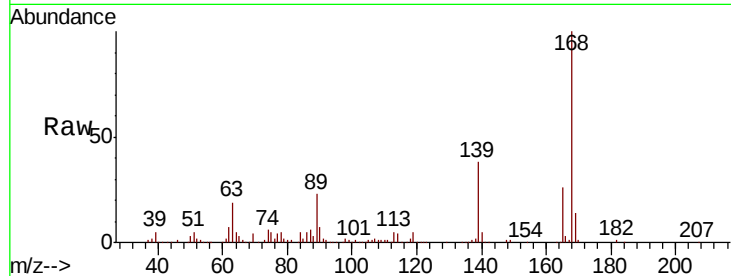
#57
 2,4-Dinitrotoluene
 Concen: 43.559 ng
 RT: 14.72 min Scan# 1994
 Delta R.T. 0.00 min
 Lab File: BM020559.D
 Acq: 25 May 2019 02:08

Instrument :
 BNA_M
 ClientSampleId :
 PB119991BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	150367		
63	70.4	48.7	73.1	
89	88.7	68.8	103.2	
182	3.2	2.6	4.0	

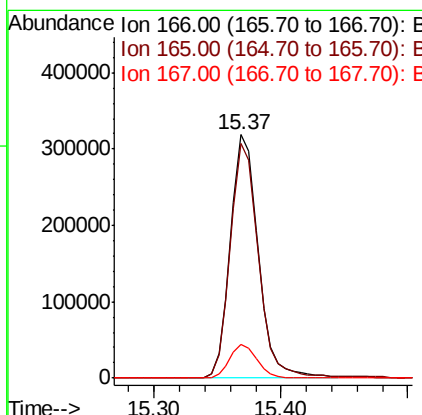
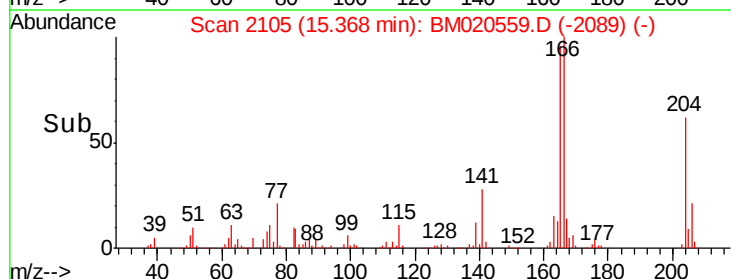
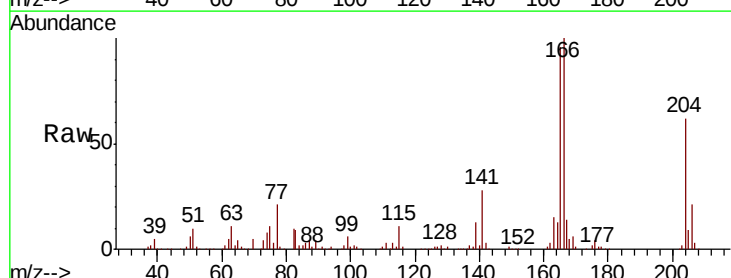
Manual Integrations
 APPROVED

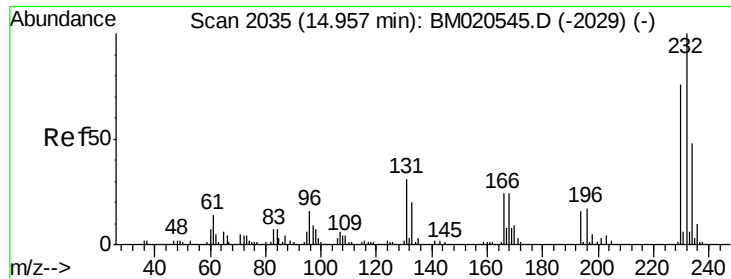
mohammad
 5/27/2019 4:00:17 AM



#58
 Fluorene
 Concen: 43.622 ng
 RT: 15.37 min Scan# 2105
 Delta R.T. -0.01 min
 Lab File: BM020559.D
 Acq: 25 May 2019 02:08

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	485809		
165	96.3	77.4	116.0	
167	13.7	10.6	16.0	





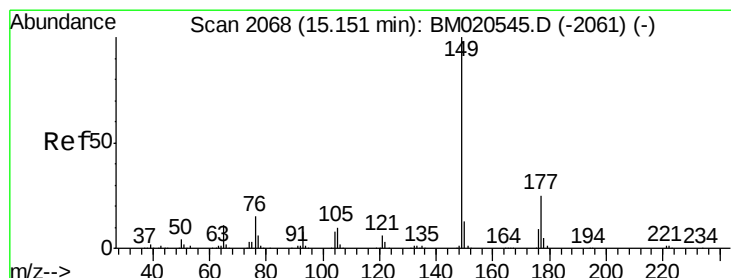
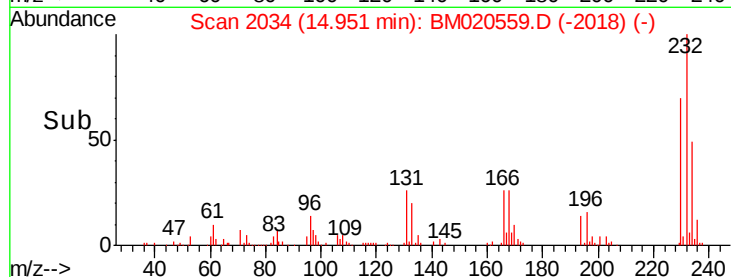
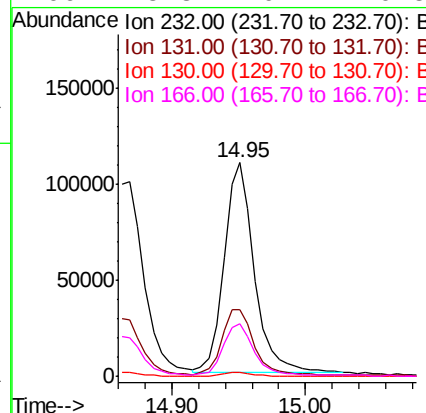
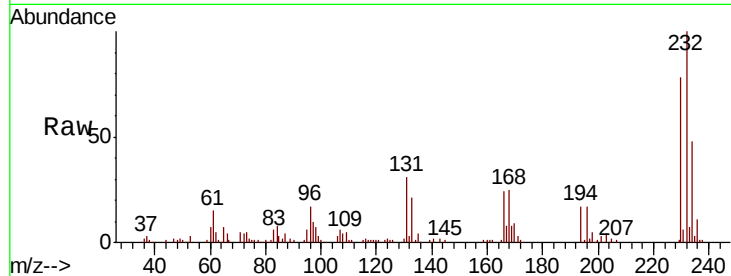
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.801 ng
 RT: 14.95 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BM020559.D
 Acq: 25 May 2019 02:08

Instrument :
 BNA_M
 ClientSampleId :
 PB119991BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		171307		
131	33.3	25.4	38.0		
130	2.0	1.5	2.3		
166	25.3	19.7	29.5		

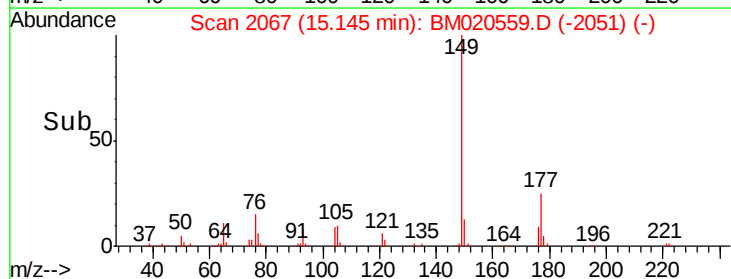
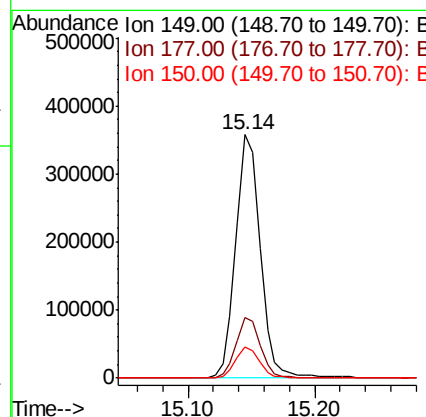
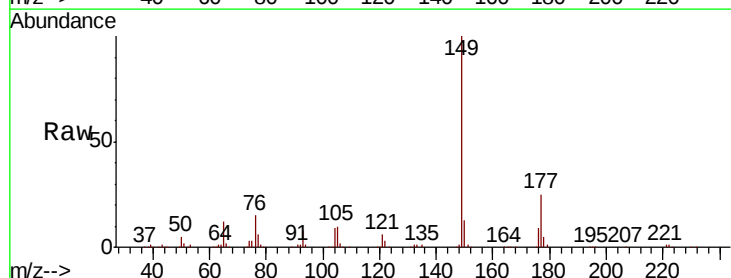
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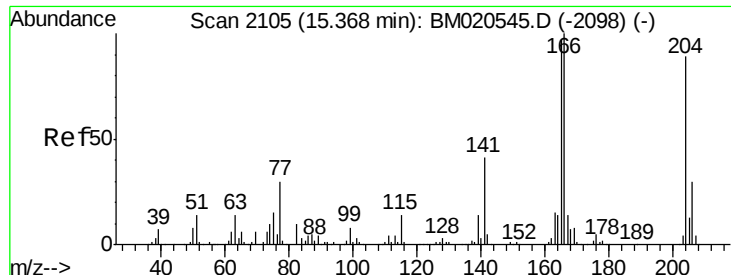
mohammad
 5/27/2019 4:00:17 AM



#60
 Diethylphthalate
 Concen: 42.494 ng
 RT: 15.14 min Scan# 2067
 Delta R.T. -0.01 min
 Lab File: BM020559.D
 Acq: 25 May 2019 02:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		480197		
177	24.6	19.8	29.8		
150	12.8	10.2	15.2		





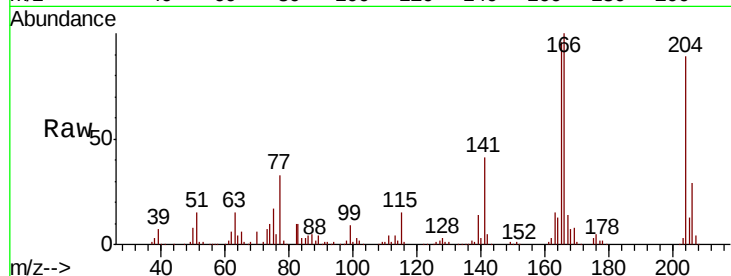
#61
4-Chlorophenyl-phenylether
Concen: 43.236 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

Instrument :
BNA_M
ClientSampled :
PB119991BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.6	40.0
141	46.6	36.9	55.3

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5/27/2019 4:00:17 AM

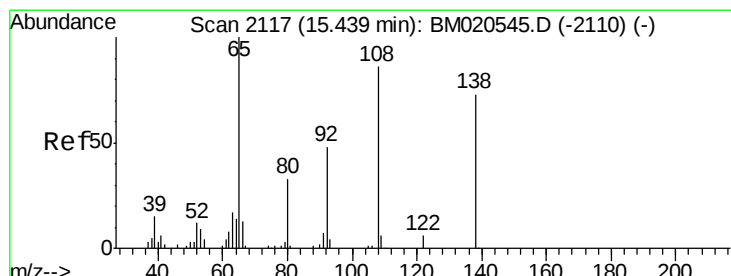
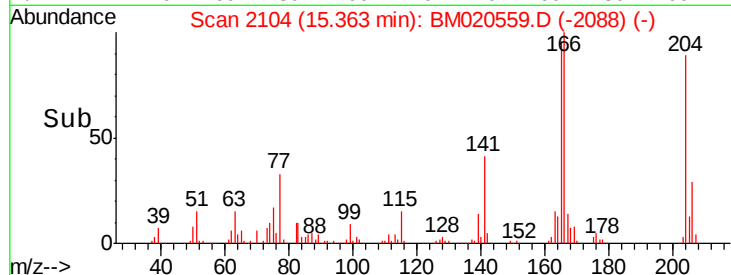
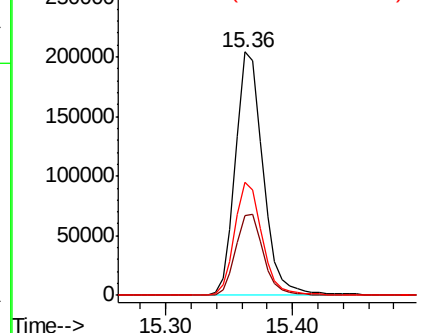


Abundance

Ion 204.00 (203.70 to 204.70): E

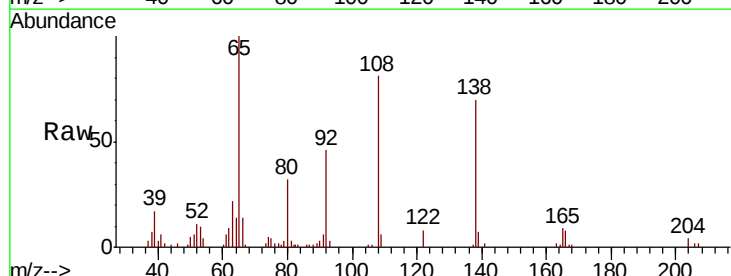
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 32.913 ng
RT: 15.43 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

Tgt Ion	Ratio	Lower	Upper
138	100		
92	65.2	44.5	84.5
108	115.1	95.9	135.9

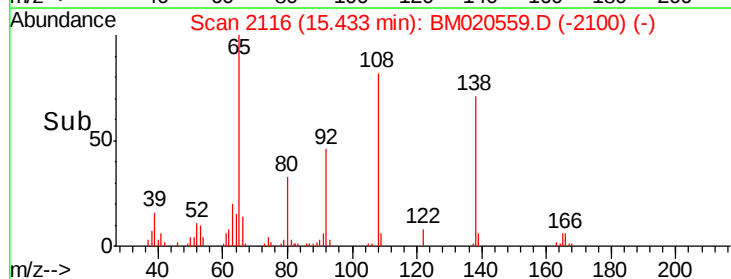
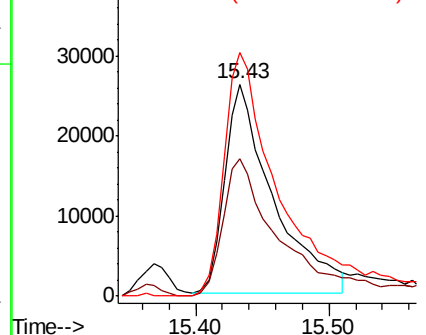


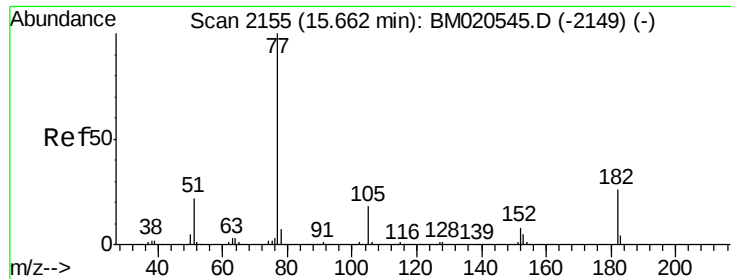
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): E

Ion 108.00 (107.70 to 108.70): E





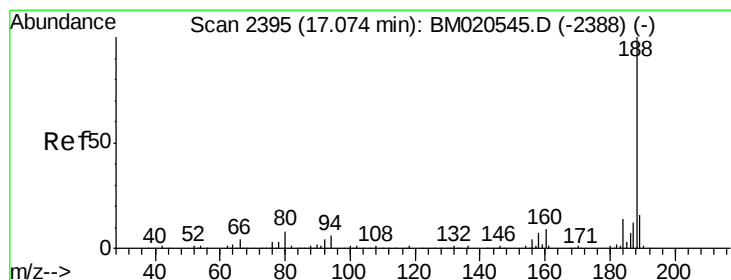
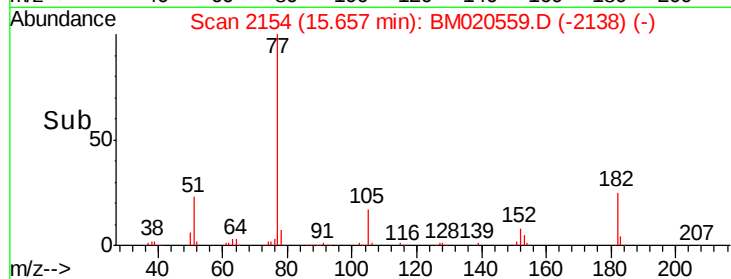
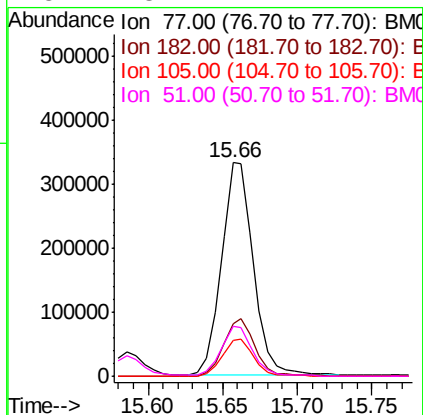
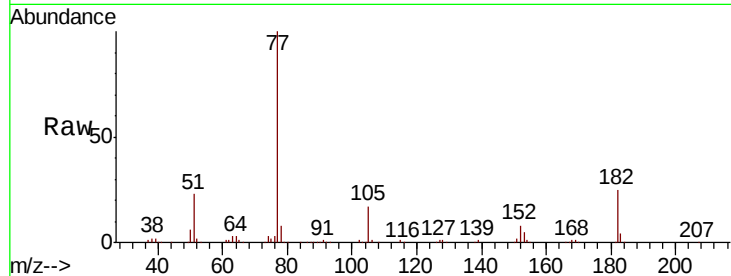
#63
Azobenzene
Concen: 45.008 ng
RT: 15.66 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

Instrument :
BNA_M
ClientSampleId :
PB119991BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	24.5	5.7	45.7		
105	16.8	0.0	37.6		
51	23.1	1.7	41.7		

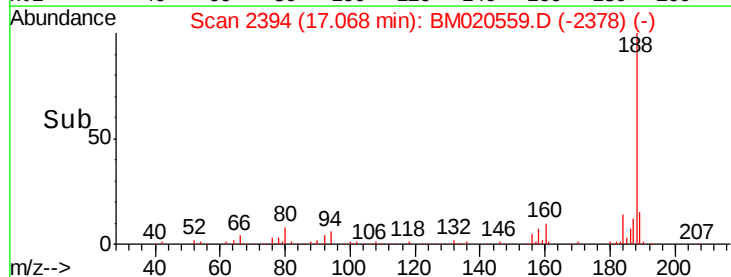
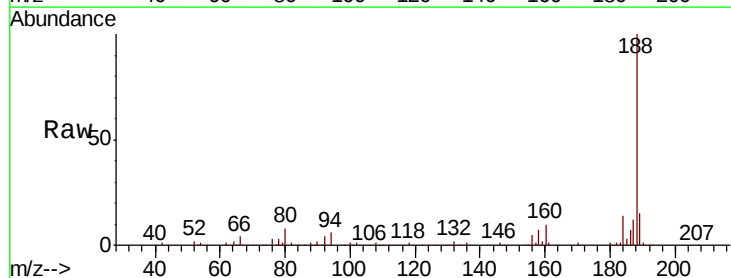
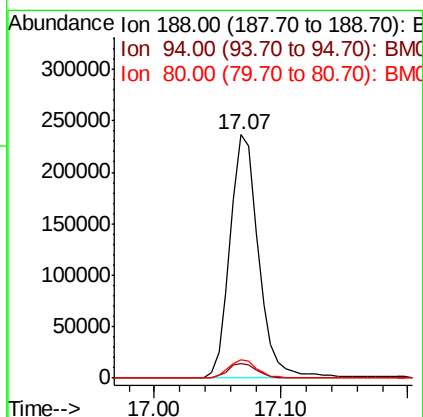
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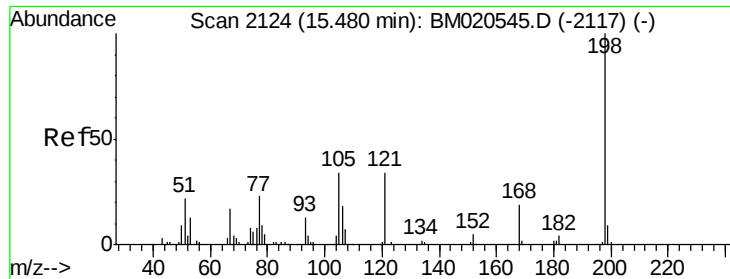
mohammad
5/27/2019 4:00:17 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	6.2	5.0	7.4		
80	7.8	6.5	9.7		





#65

4,6-Dinitro-2-methylphenol

Concen: 39.679 ng

RT: 15.47 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

Instrument :

BNA_M

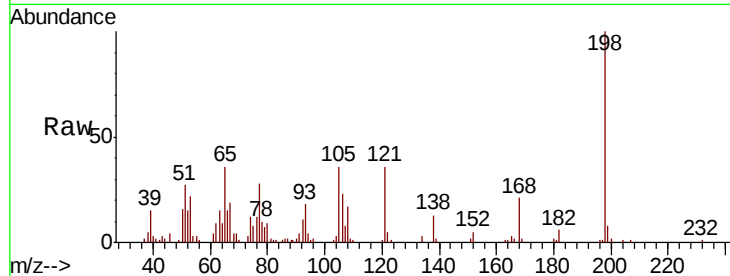
ClientSampleId :

PB119991BS

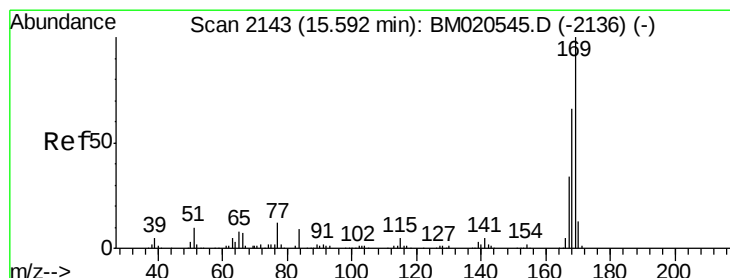
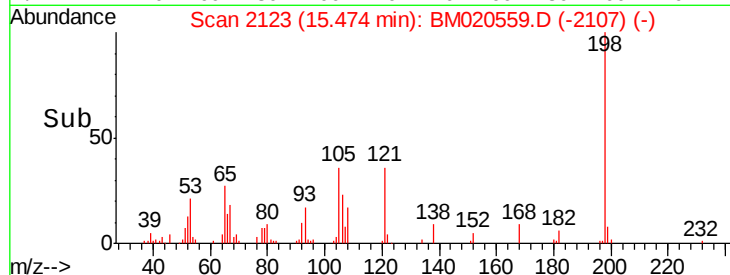
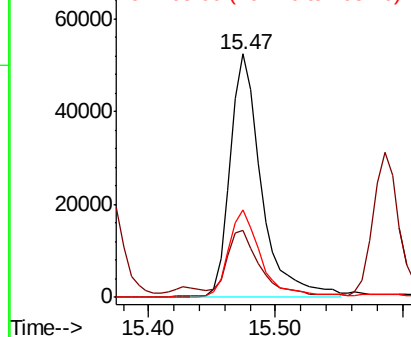
Tot Ion:	198	Resp:	89713
Ion Ratio	Lower	Upper	
198	100		
51	27.3	6.4	46.4
105	36.0	15.1	55.1

Manual Integrations
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5/27/2019 4:00:17 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: 43.507 ng

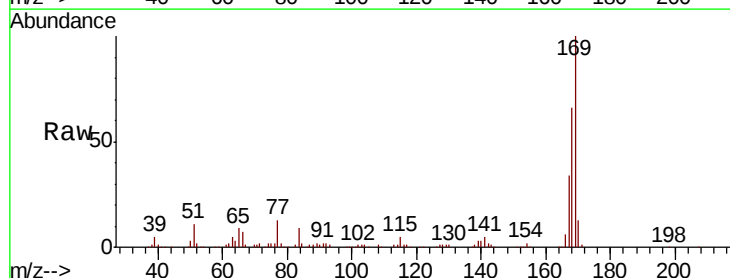
RT: 15.59 min Scan# 2142

Delta R.T. -0.01 min

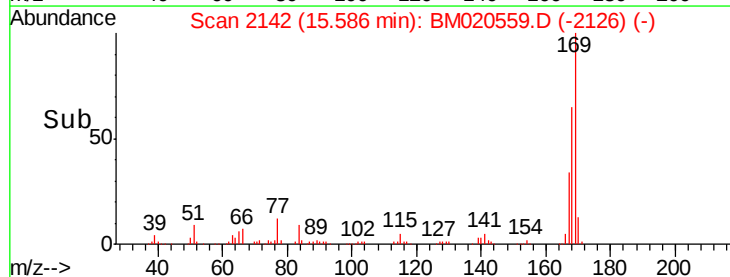
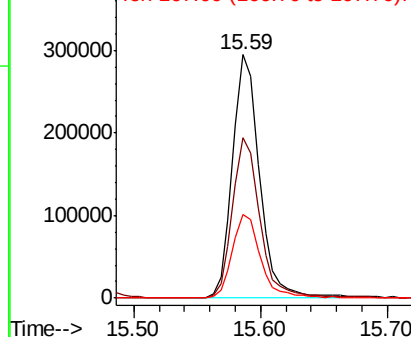
Lab File: BM020559.D

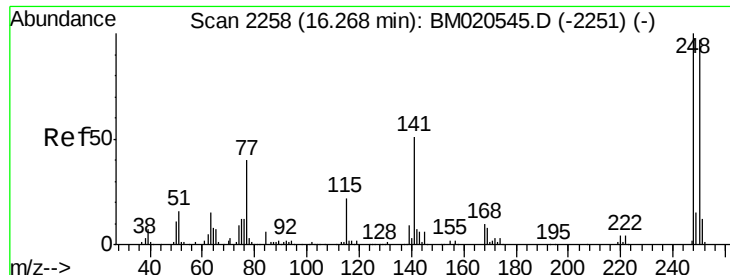
Acq: 25 May 2019 02:08

Tgt Ion:	169	Resp:	434905
Ion Ratio	Lower	Upper	
169	100		
168	65.7	52.5	78.7
167	34.2	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





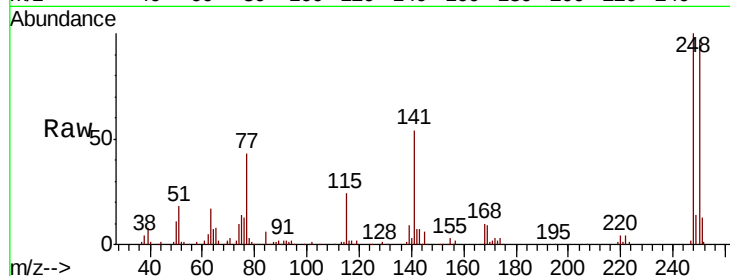
#67
 4-Bromophenyl-phenylether
 Concen: 41.717 ng
 RT: 16.26 min Scan# 2257
 Delta R.T. -0.01 min
 Lab File: BM020559.D
 Acq: 25 May 2019 02:08

Instrument :
 BNA_M
 ClientSampleId :
 PB119991BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.7	77.8	116.6
141	53.7	41.0	61.6

Manual Integrations
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 5/27/2019 4:00:17 AM

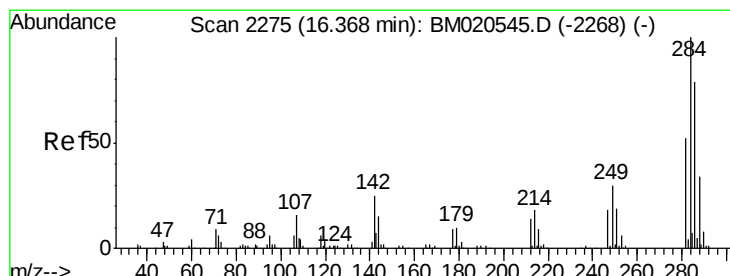
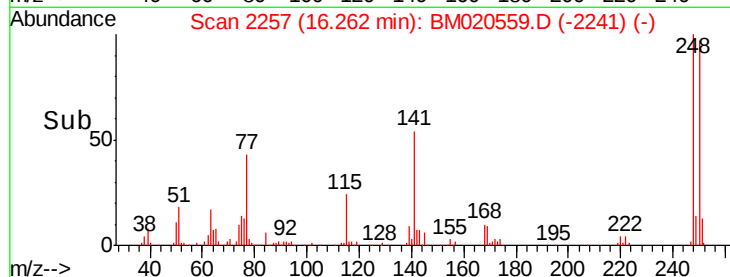
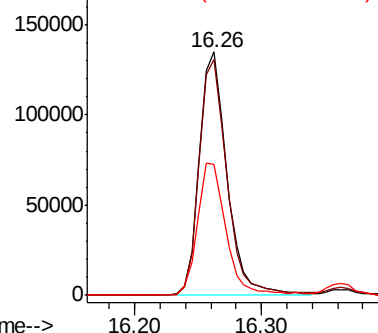


Abundance

Ion 248.00 (247.70 to 248.70): E

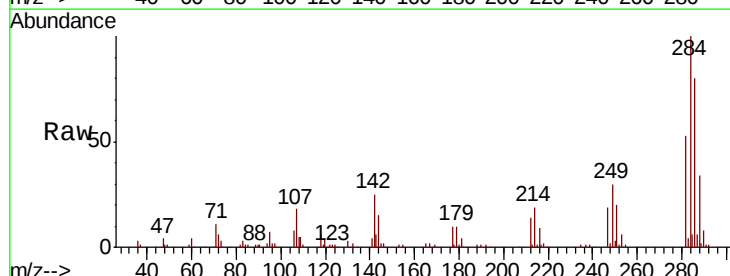
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 41.435 ng
 RT: 16.36 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BM020559.D
 Acq: 25 May 2019 02:08

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.0	20.2	30.2
249	30.0	23.9	35.9

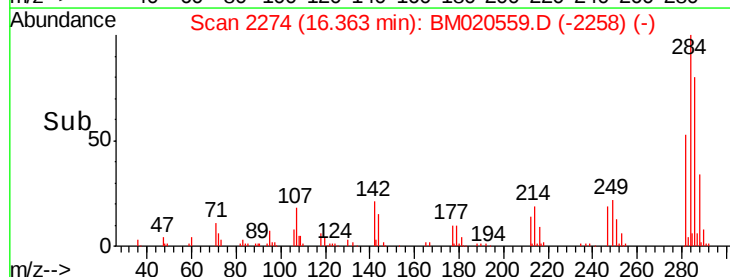
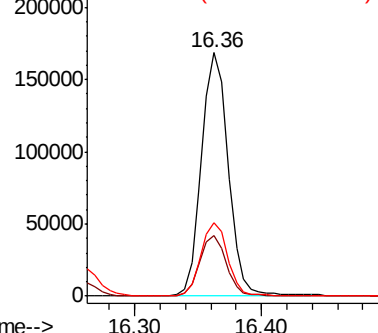


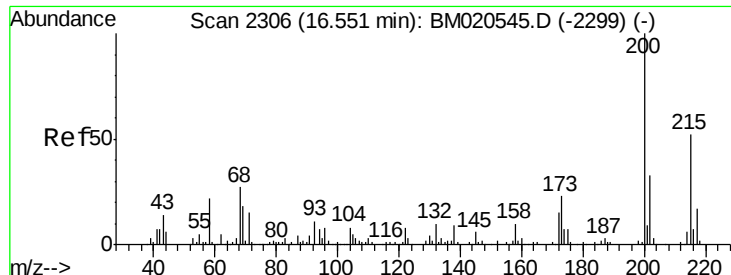
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





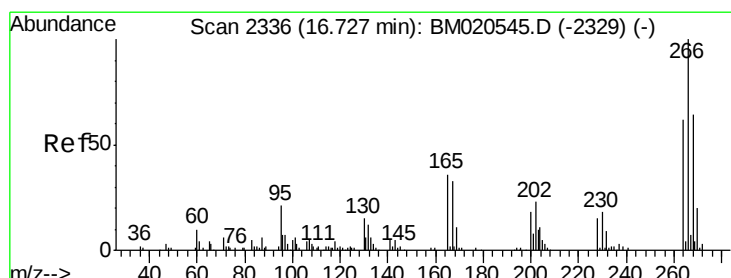
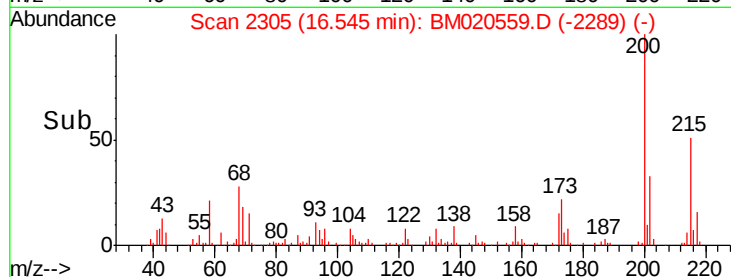
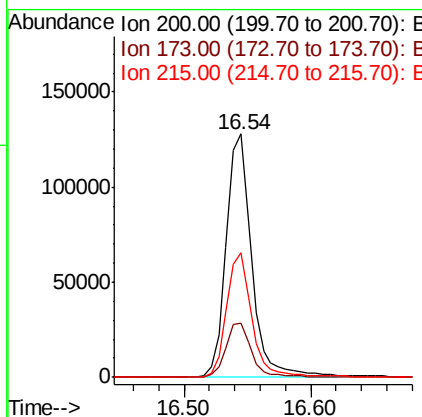
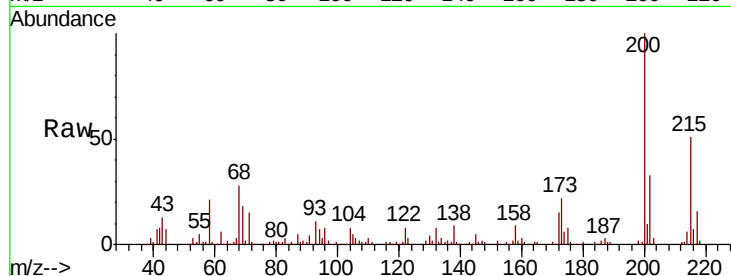
#69
Atrazine
Concen: 43.376 ng
RT: 16.54 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

Instrument :
BNA_M
ClientSampleId :
PB119991BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	178401		
173	22.2	3.2	43.2	
215	51.1	31.7	71.7	

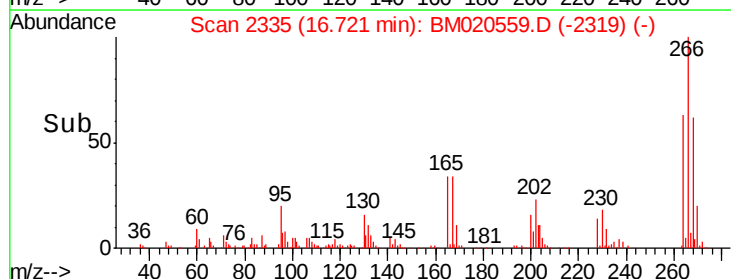
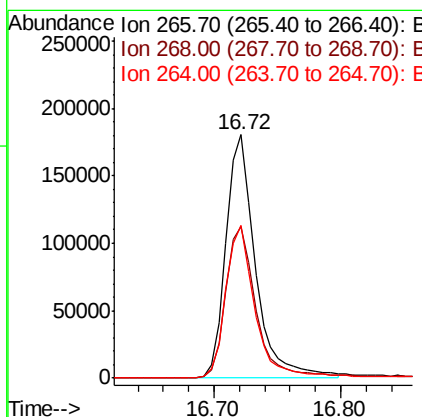
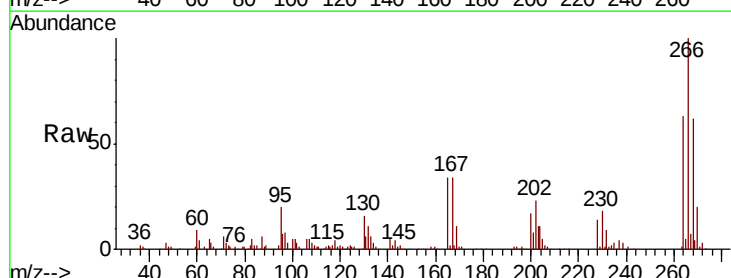
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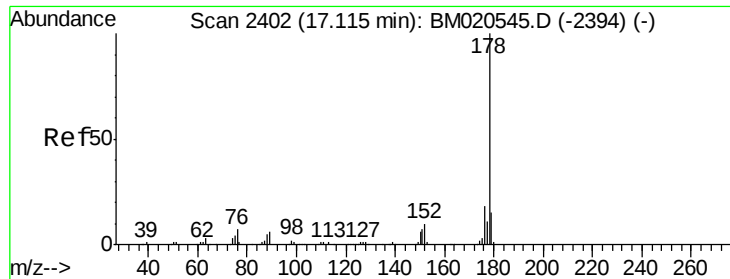
mohammad
5/27/2019 4:00:17 AM



#70
Pentachlorophenol
Concen: 94.666 ng
RT: 16.72 min Scan# 2335
Delta R.T. -0.01 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	291172		
268	62.3	51.0	76.4	
264	62.8	49.8	74.8	





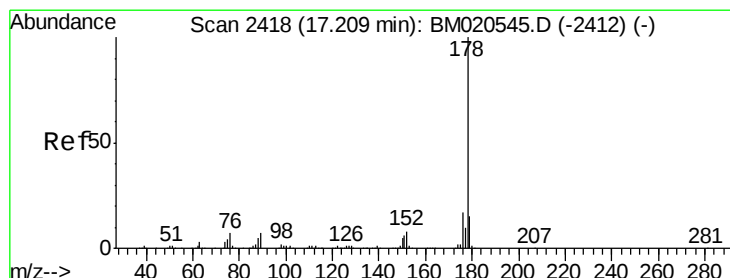
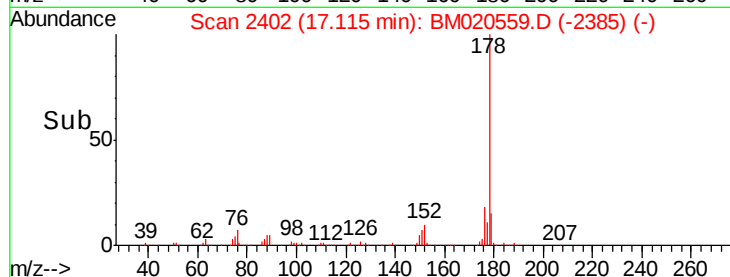
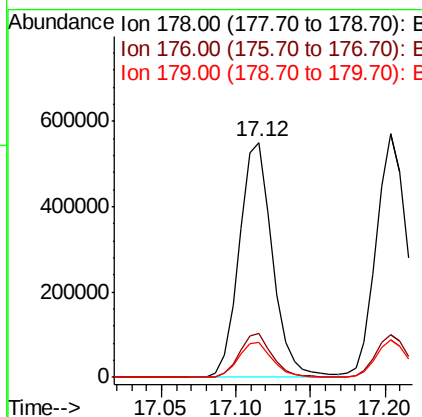
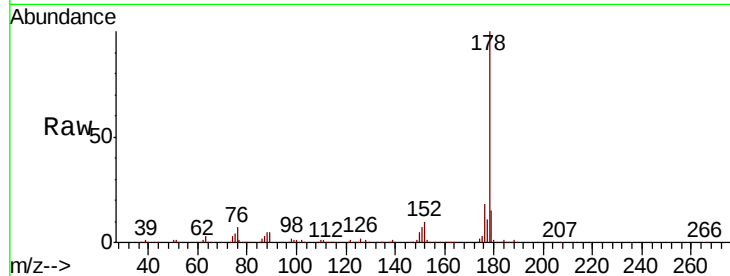
#71
Phenanthrene
Concen: 42.531 ng
RT: 17.12 min Scan# 2402
Delta R.T. 0.00 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

Instrument :
BNA_M
ClientSampleId :
PB119991BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.7	22.1
179	15.1	12.2	18.2

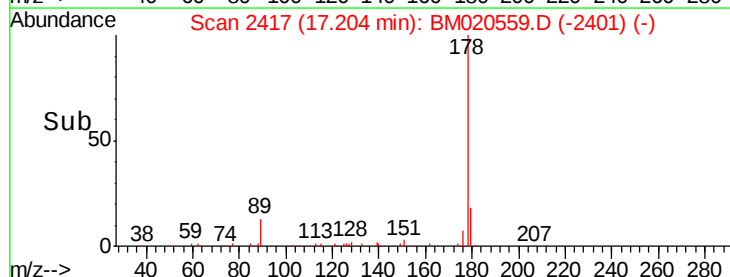
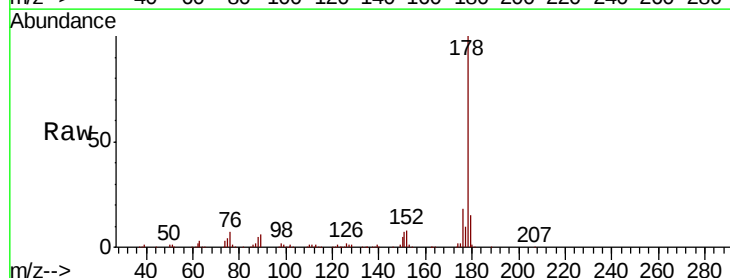
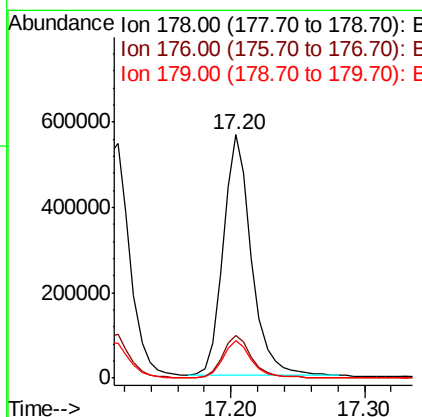
Manual Integrations
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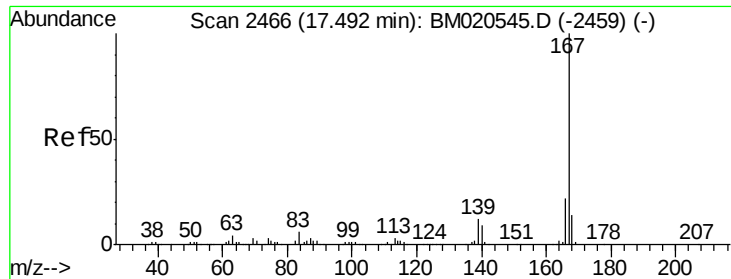
mohammad
5/27/2019 4:00:17 AM



#72
Anthracene
Concen: 42.806 ng
RT: 17.20 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.6	14.0	21.0
179	15.5	12.4	18.6





#73

Carbazole

Concen: 42.310 ng

RT: 17.49 min Scan# 2465

Delta R.T. -0.01 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

Instrument :

BNA_M

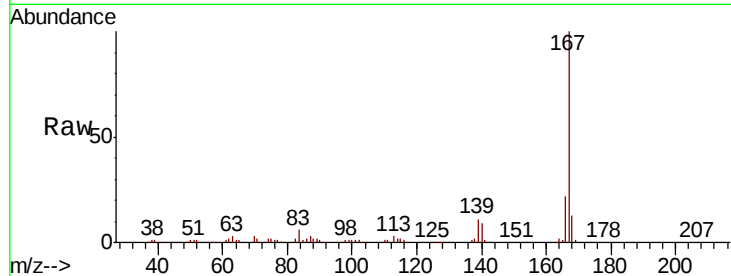
ClientSampleId :

PB119991BS

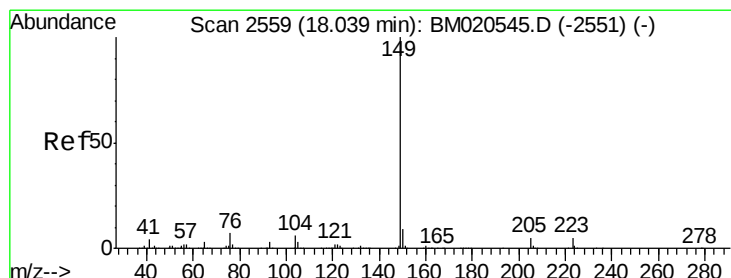
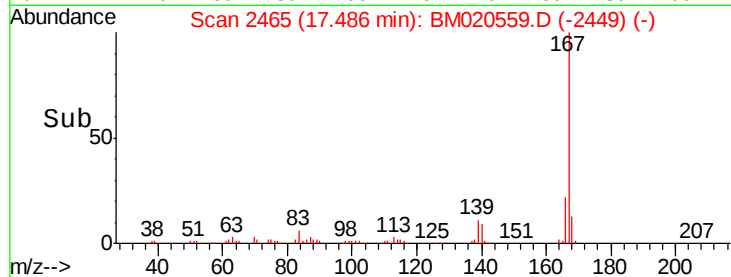
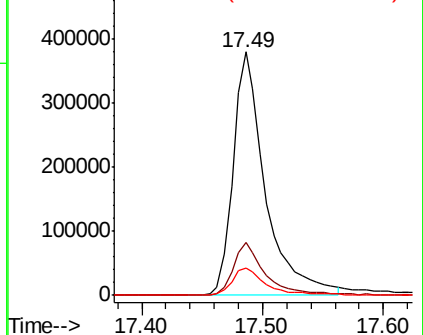
Tot Ion:	167	Resp:	705245
Ion Ratio	Lower	Upper	
167	100		
166	21.5	17.4	26.0
139	11.3	9.3	13.9

Manual Integrations
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mohammad
5/27/2019 4:00:17 AM



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.880 ng

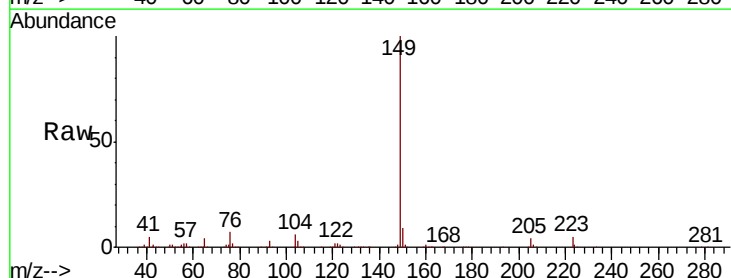
RT: 18.03 min Scan# 2558

Delta R.T. -0.01 min

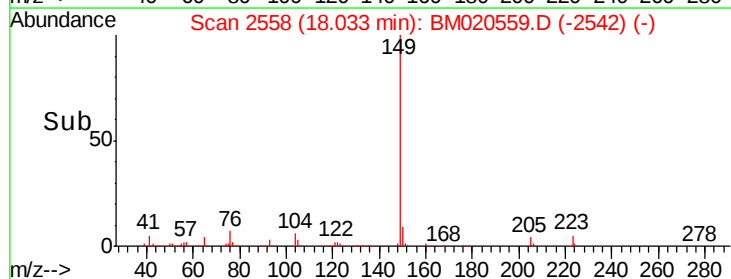
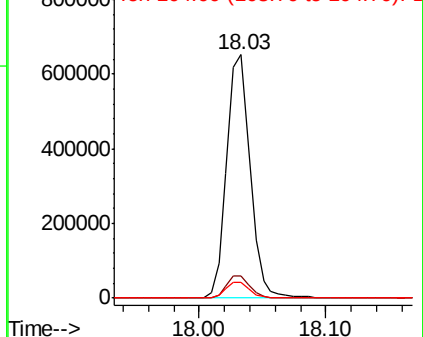
Lab File: BM020559.D

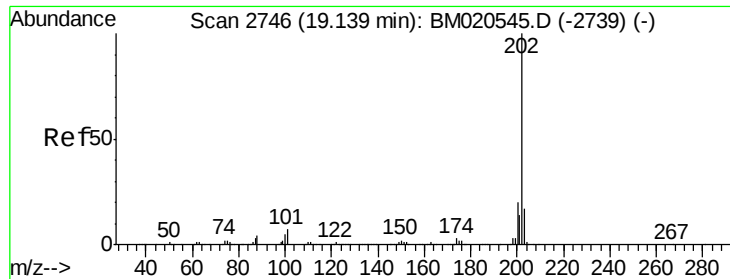
Acq: 25 May 2019 02:08

Tgt Ion:	149	Resp:	838222
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.3	10.9
104	6.4	5.0	7.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.252 ng

RT: 19.13 min Scan# 2745

Delta R.T. -0.01 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

Instrument :

BNA_M

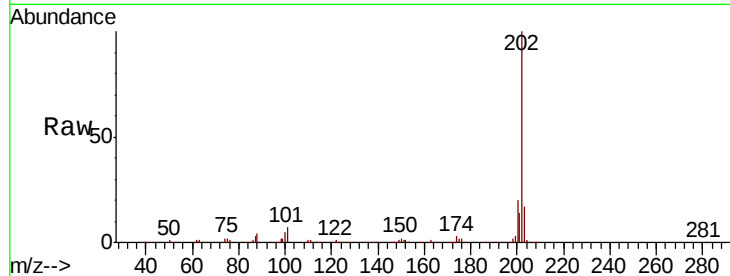
ClientSampleId :

PB119991BS

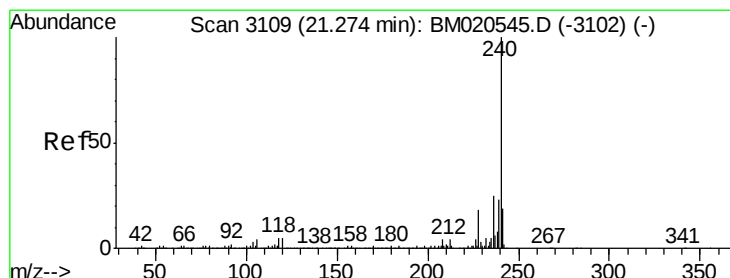
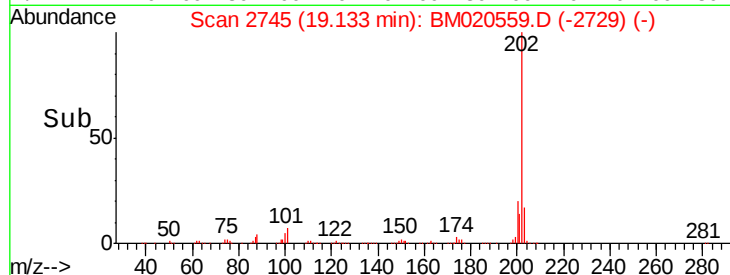
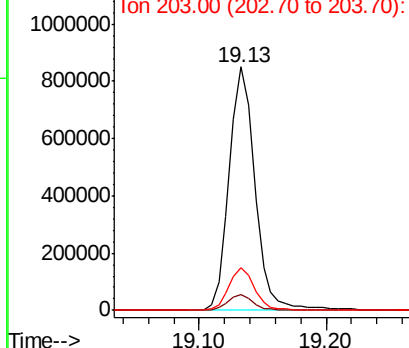
Tot Ion:	202	Resp:	1204611
Ion	Ratio	Lower	Upper
202	100		
101	6.6	0.0	26.7
203	17.4	0.0	37.4

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.26 min Scan# 3107

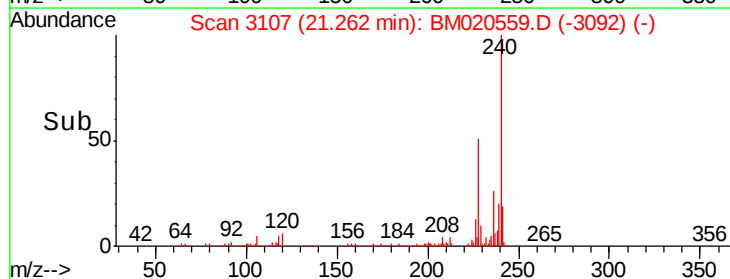
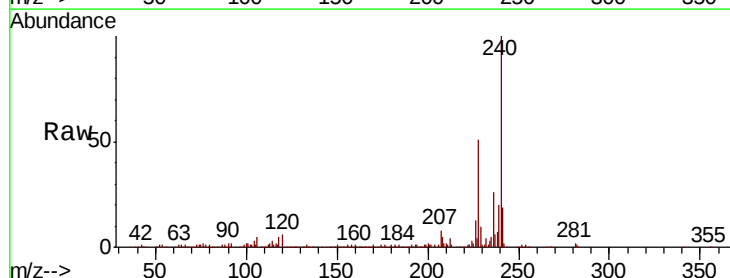
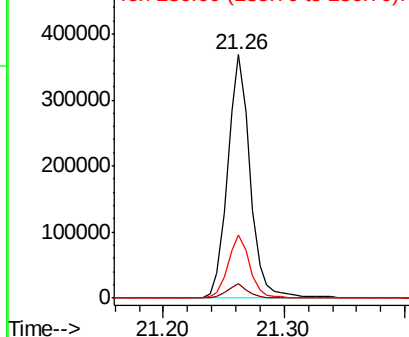
Delta R.T. -0.01 min

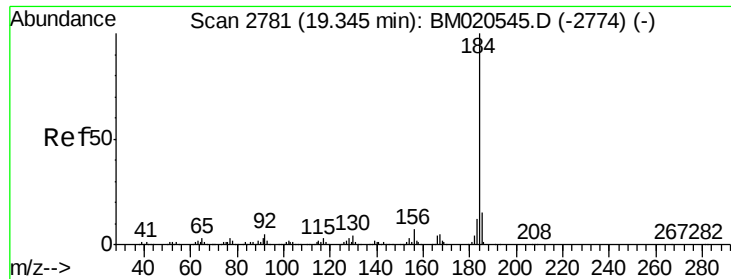
Lab File: BM020559.D

Acq: 25 May 2019 02:08

Tgt Ion:	240	Resp:	475817
Ion	Ratio	Lower	Upper
240	100		
120	5.8	4.1	6.1
236	25.8	20.2	30.4

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





#77

Benzidine

Concen: 42.480 ng

RT: 19.34 min Scan# 2781

Delta R.T. 0.00 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

Instrument :

BNA_M

ClientSampleId :

PB119991BS

Tot Ion:184 Resp: 371462

Ion Ratio Lower Upper

184 100

185 14.8 11.8 17.8

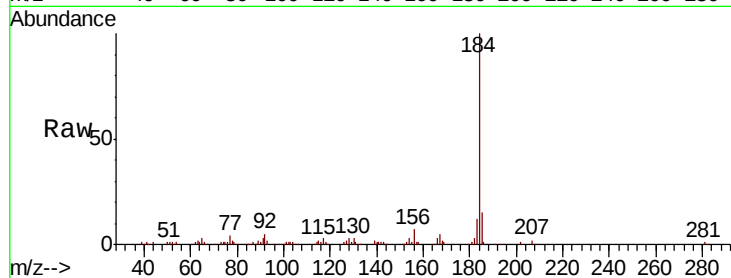
183 12.3 9.7 14.5

Manual Integrations

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mohammad

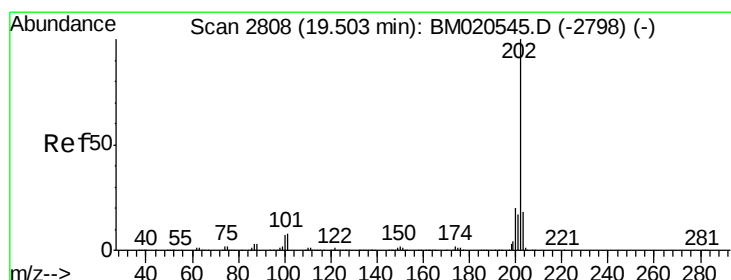
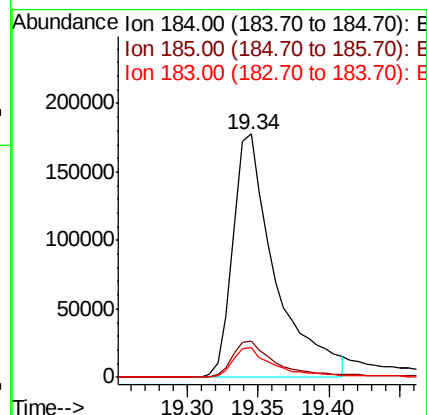
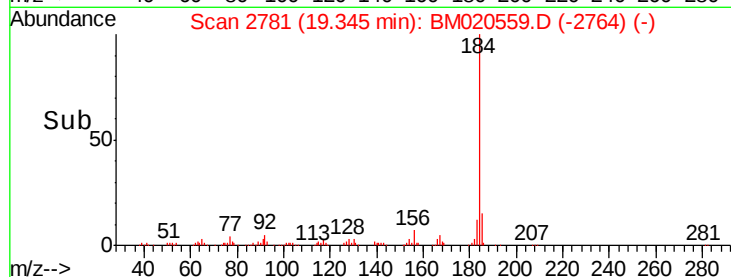
5/27/2019 4:00:17 AM



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: 41.777 ng

RT: 19.50 min Scan# 2807

Delta R.T. -0.01 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

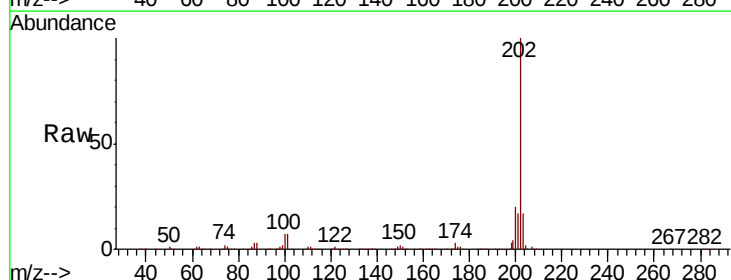
Tgt Ion:202 Resp: 1247969

Ion Ratio Lower Upper

202 100

200 20.1 16.0 24.0

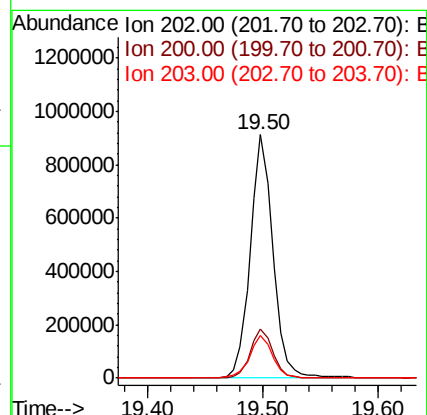
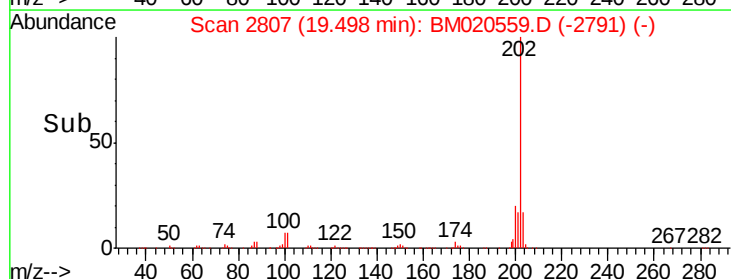
203 17.4 14.1 21.1

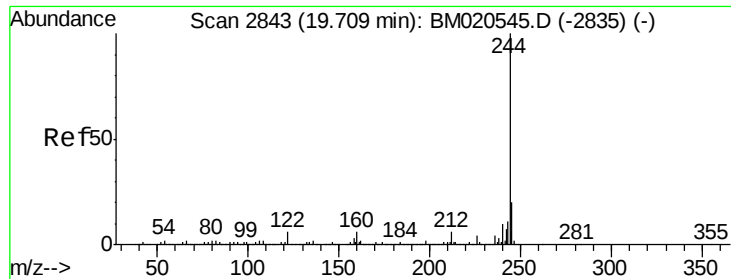


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





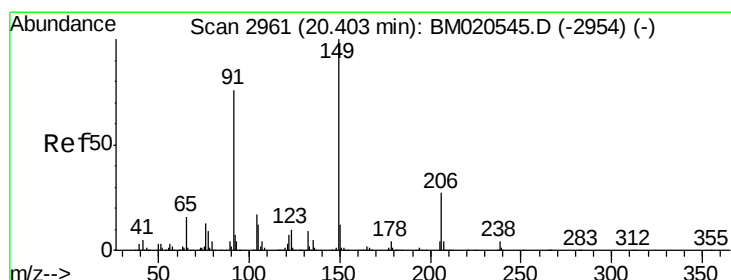
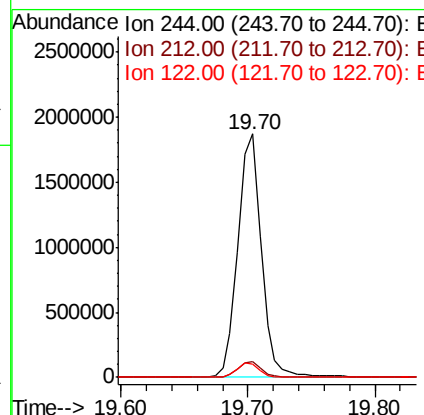
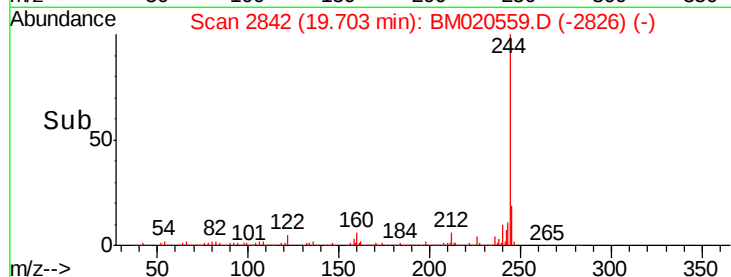
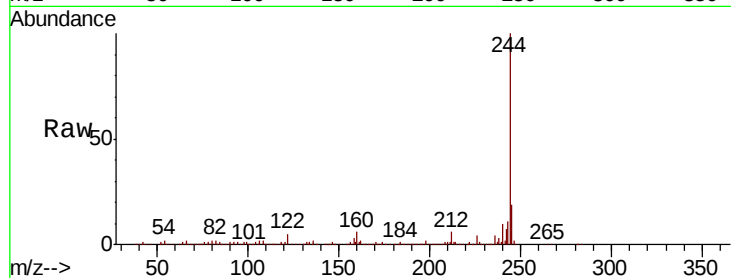
#79
 Terphenyl-d14
 Concen: 90.737 ng
 RT: 19.70 min Scan# 2842
 Delta R.T. -0.01 min
 Lab File: BM020559.D
 Acq: 25 May 2019 02:08

Instrument :
 BNA_M
 ClientSampleId :
 PB119991BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.0	7.6
122	5.4	4.6	7.0

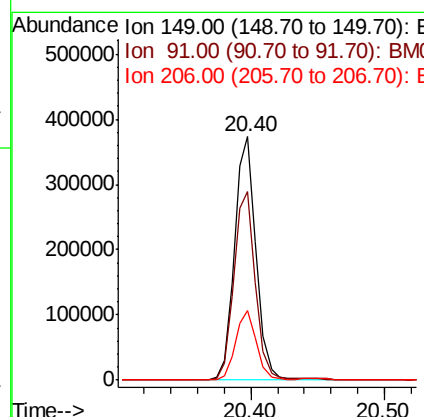
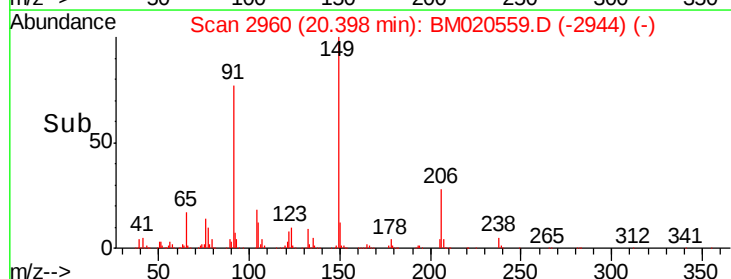
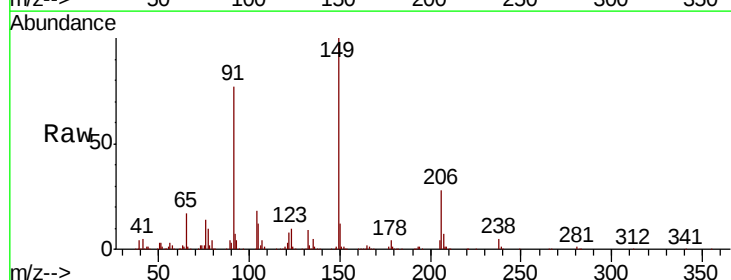
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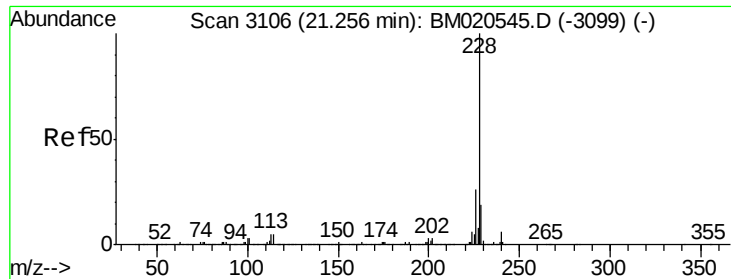
mohammad
 5/27/2019 4:00:17 AM



#80
 Butylbenzylphthalate
 Concen: 40.546 ng
 RT: 20.40 min Scan# 2960
 Delta R.T. -0.01 min
 Lab File: BM020559.D
 Acq: 25 May 2019 02:08

Tgt Ion	Ratio	Lower	Upper
149	100		
91	77.3	60.9	91.3
206	28.4	21.6	32.4





#81

Benzo(a)anthracene

Concen: 40.711 ng

RT: 21.24 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

Instrument :

BNA_M

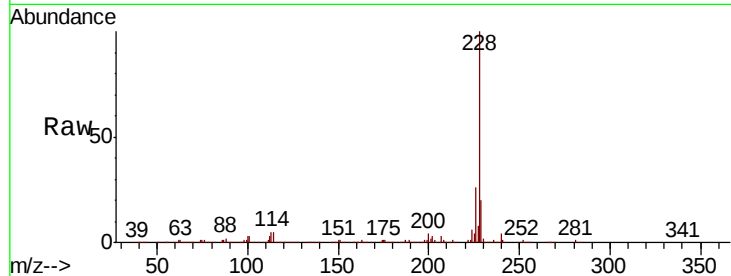
ClientSampled :

PB119991BS

Tot Ion:	228	Resp:	1340695
Ion	Ratio	Lower	Upper
228	100		
226	26.2	20.7	31.1
229	19.6	15.5	23.3

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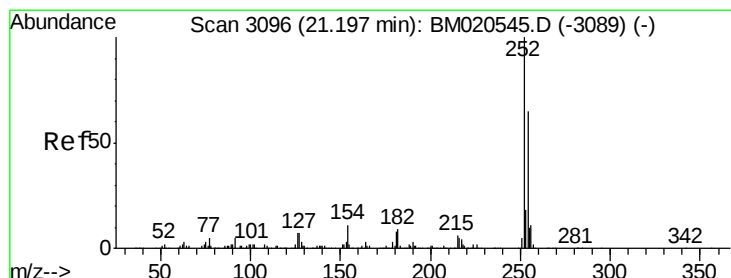
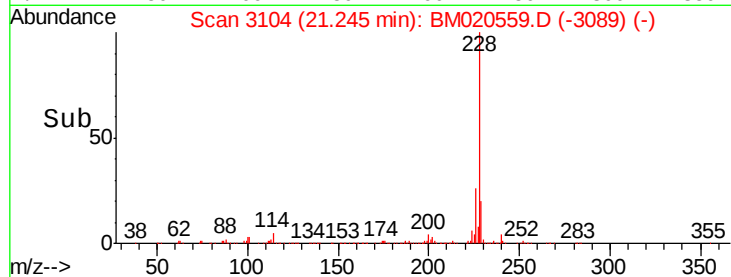
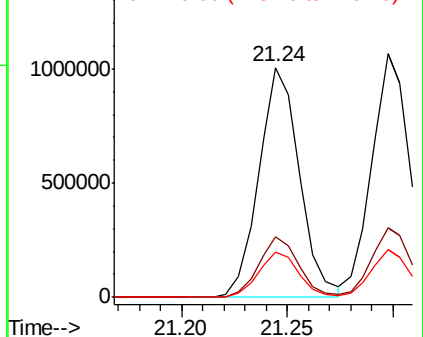


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.450 ng

RT: 21.19 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

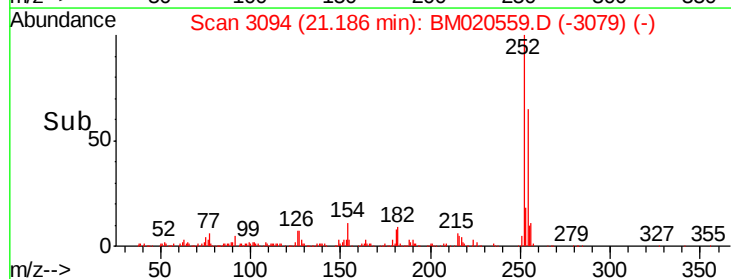
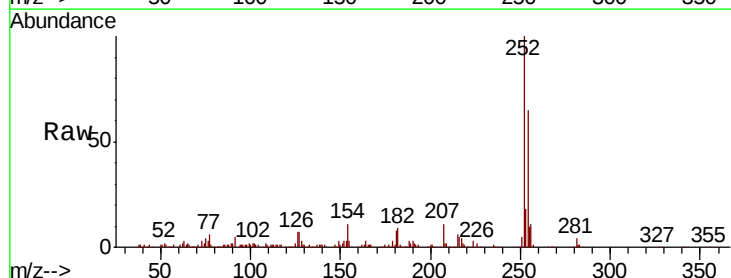
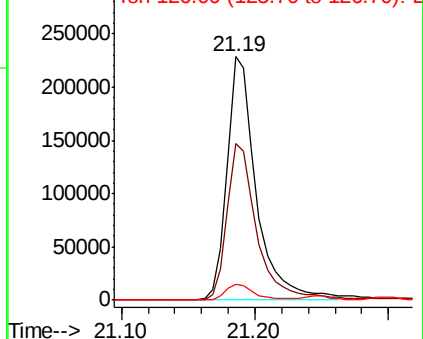
Tgt Ion:	252	Resp:	353987
Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.8	77.6
126	6.7	5.2	7.8

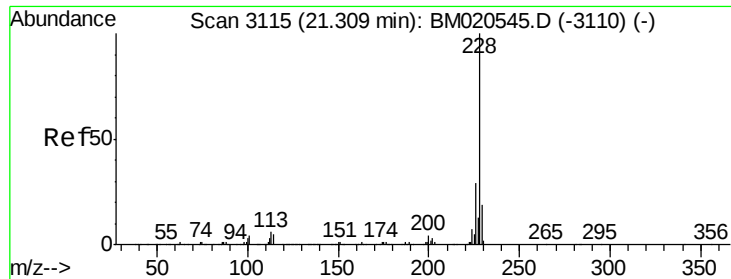
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





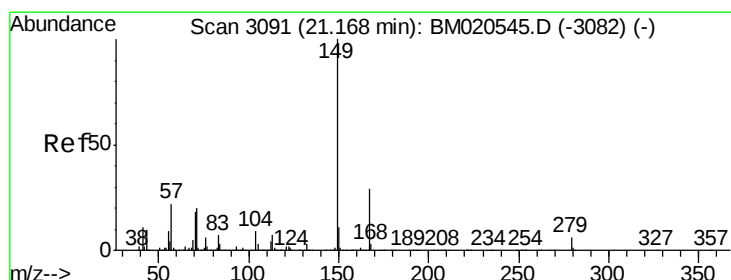
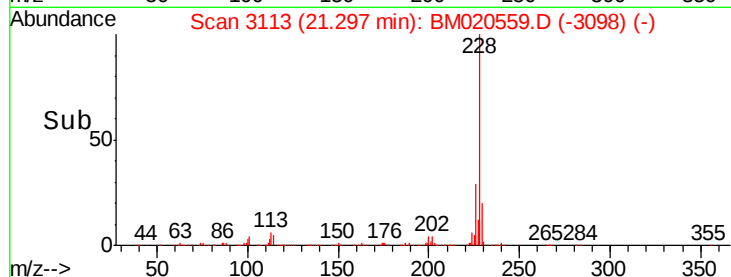
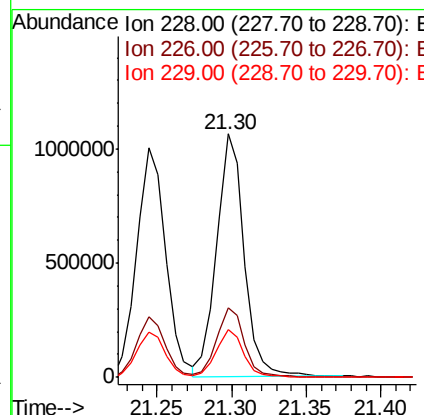
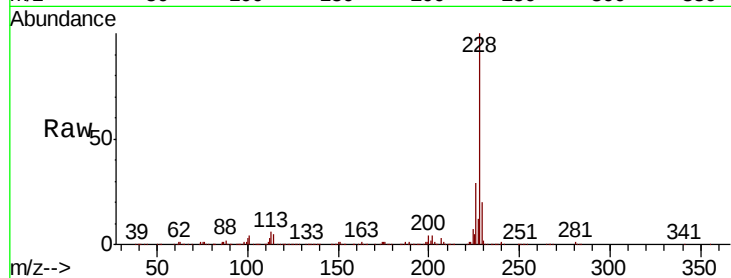
#83
 Chrysene
 Concen: 43.020 ng
 RT: 21.30 min Scan# 3113
 Delta R.T. -0.01 min
 Lab File: BM020559.D
 Acq: 25 May 2019 02:08

Instrument :
 BNA_M
 ClientSampleId :
 PB119991BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.9	34.3
229	19.6	15.4	23.2

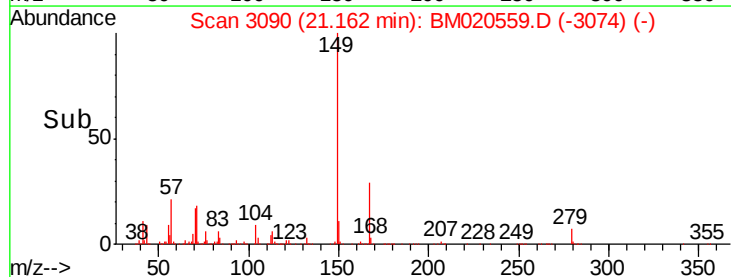
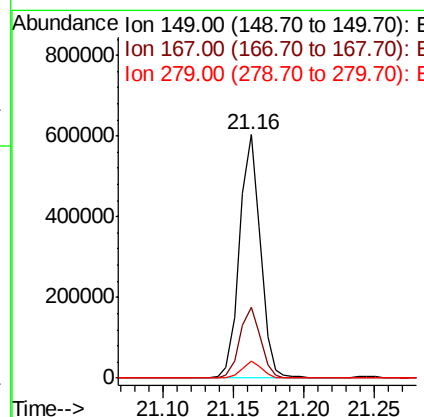
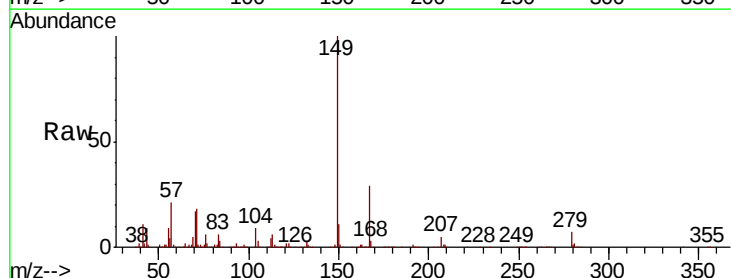
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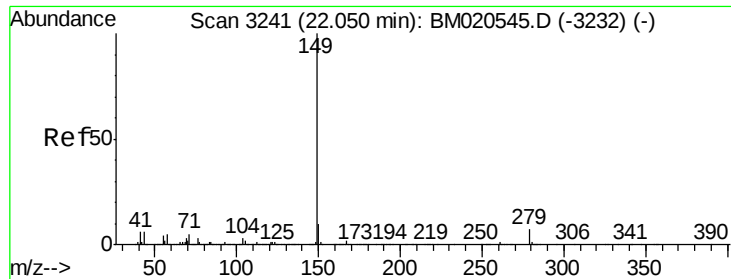
mohammad
 5/27/2019 4:00:17 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.689 ng
 RT: 21.16 min Scan# 3090
 Delta R.T. -0.01 min
 Lab File: BM020559.D
 Acq: 25 May 2019 02:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.9	22.9	34.3
279	6.9	4.9	7.3





#85

Di-n-octyl phthalate

Concen: 41.755 ng

RT: 22.04 min Scan# 3239

Delta R.T. -0.01 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

Instrument :

BNA_M

ClientSampleId :

PB119991BS

Tot Ion:149 Resp: 1110434

Ion Ratio Lower Upper

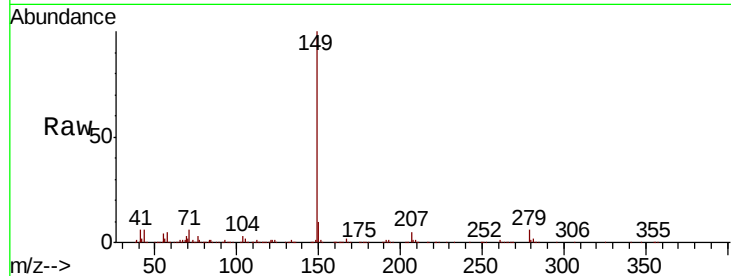
149 100

167 1.8 1.4 2.0

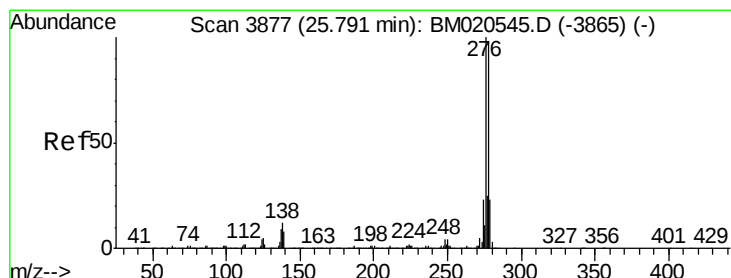
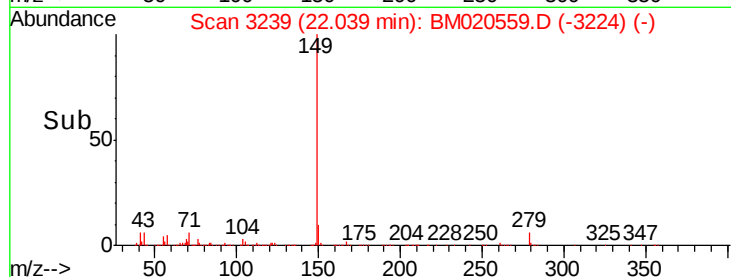
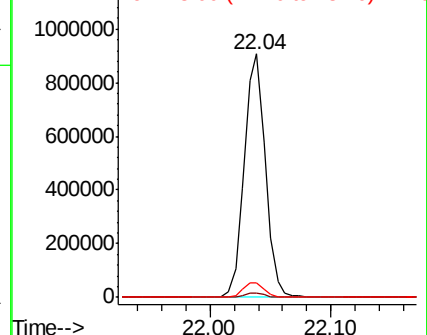
43 6.0 4.8 7.2

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mohammad
5/27/2019 4:00:17 AM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.154 ng

RT: 25.77 min Scan# 3873

Delta R.T. -0.02 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

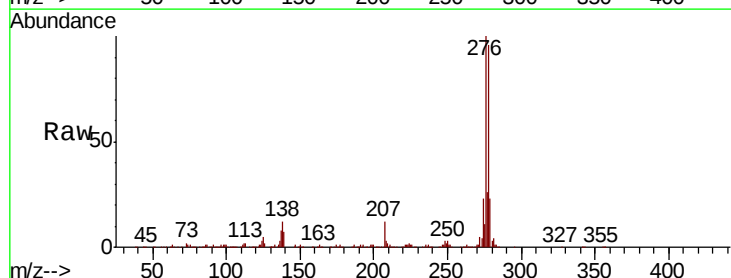
Tgt Ion:276 Resp: 1544941

Ion Ratio Lower Upper

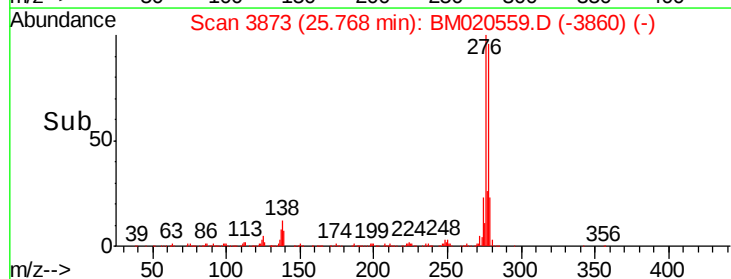
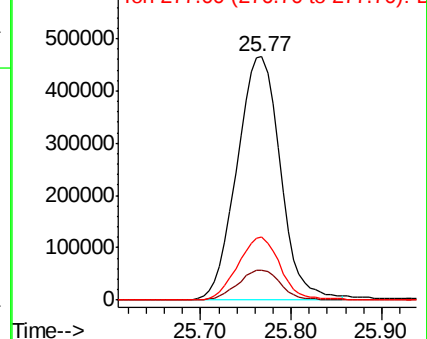
276 100

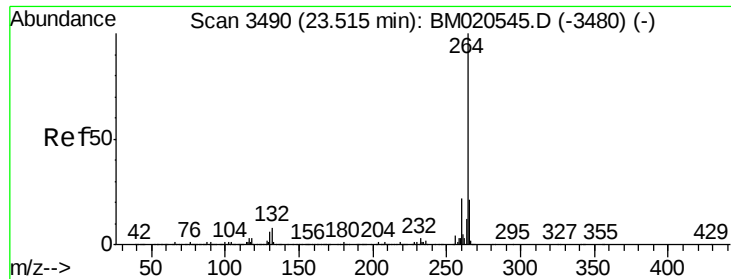
138 12.3 9.7 14.5

277 25.4 20.4 30.6



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





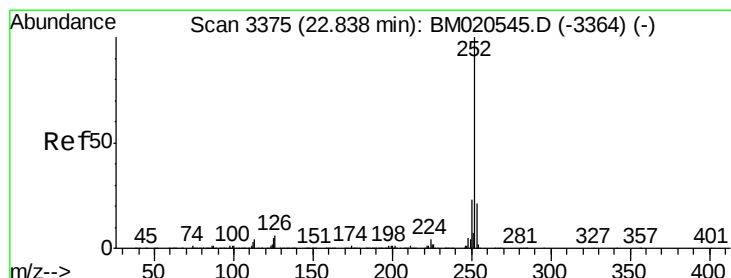
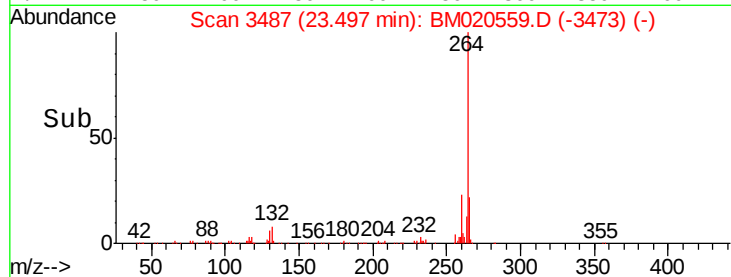
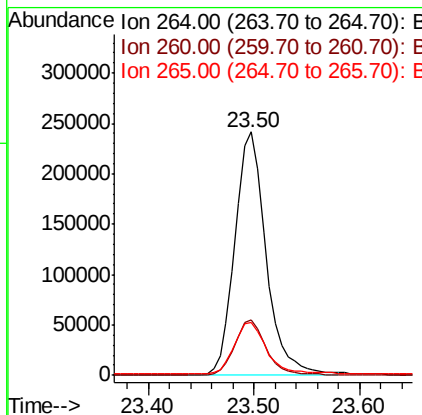
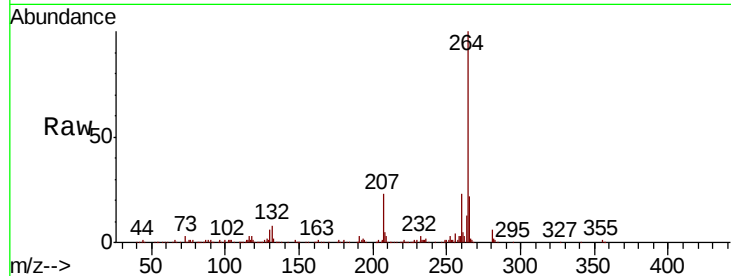
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.50 min Scan# 3487
 Delta R.T. -0.02 min
 Lab File: BM020559.D
 Acq: 25 May 2019 02:08

Instrument :
 BNA_M
 ClientSampleId :
 PB119991BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.7	26.5
265	22.0	17.4	26.2

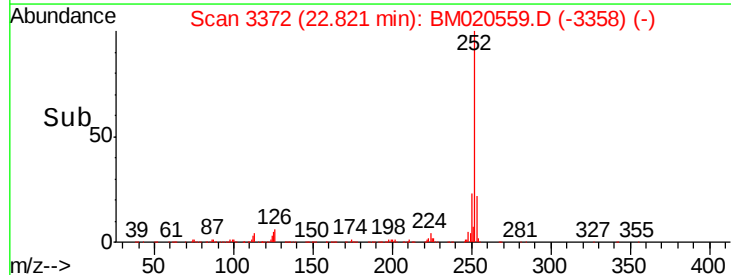
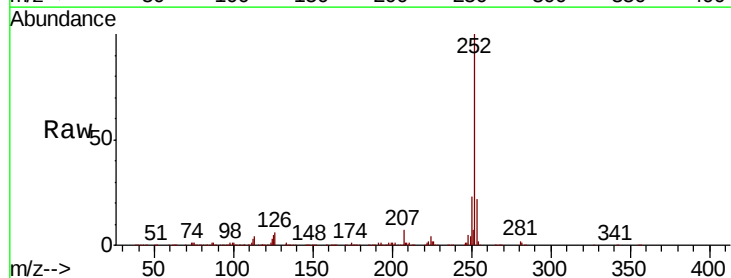
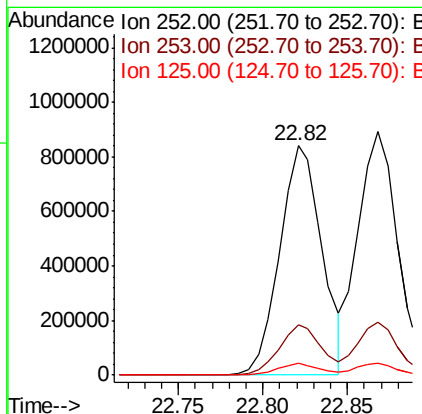
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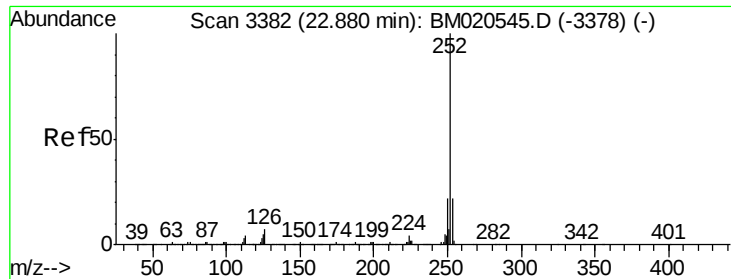
mohammad
 5/27/2019 4:00:17 AM



#88
 Benzo(b)fluoranthene
 Concen: 44.967 ng
 RT: 22.82 min Scan# 3372
 Delta R.T. -0.02 min
 Lab File: BM020559.D
 Acq: 25 May 2019 02:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	5.1	3.8	5.8





#89

Benzo(k)fluoranthene

Concen: 46.629 ng

RT: 22.87 min Scan# 3380

Delta R.T. -0.01 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

Instrument :

BNA_M

ClientSampleId :

PB119991BS

Tot Ion:252 Resp: 1469205

Ion Ratio Lower Upper

252 100

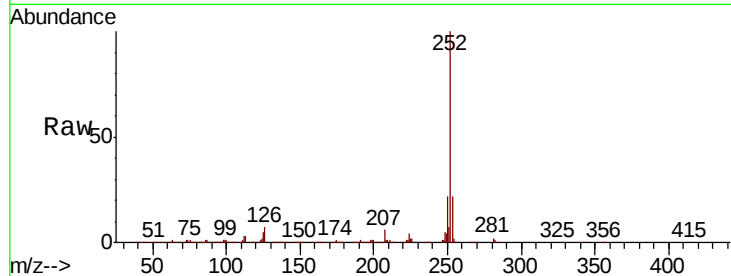
253 21.5 17.6 26.4

125 4.7 4.2 6.4

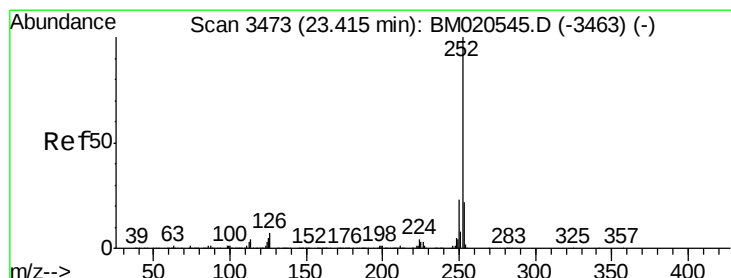
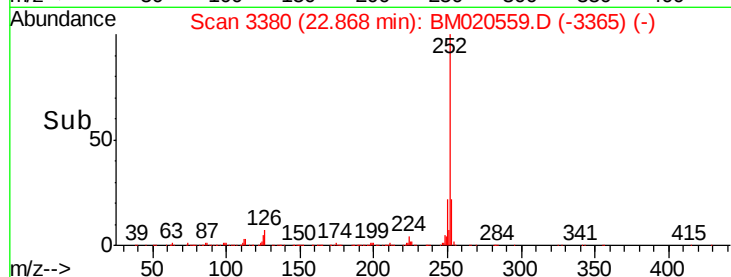
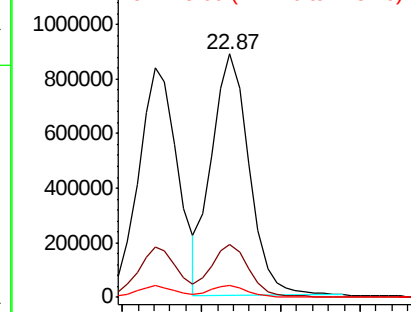
Manual Integrations
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mohammad

5/27/2019 4:00:17 AM



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



#90

Benzo(a)pyrene

Concen: 46.675 ng

RT: 23.40 min Scan# 3471

Delta R.T. -0.01 min

Lab File: BM020559.D

Acq: 25 May 2019 02:08

Tgt Ion:252 Resp: 1394403

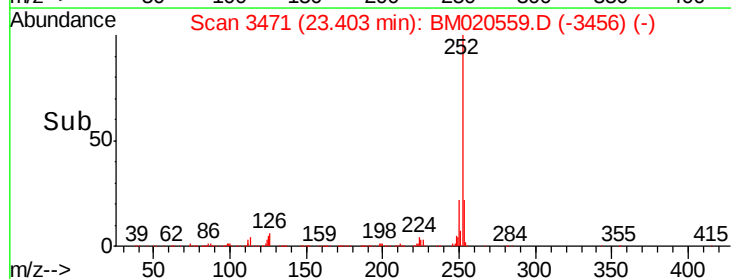
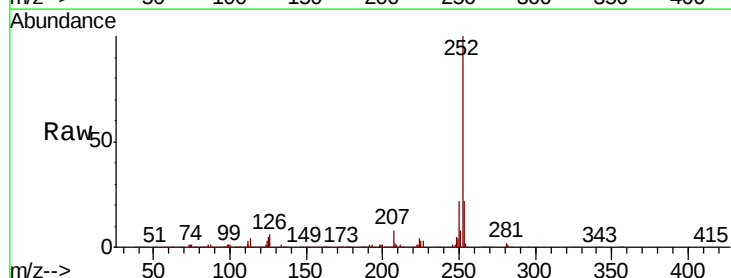
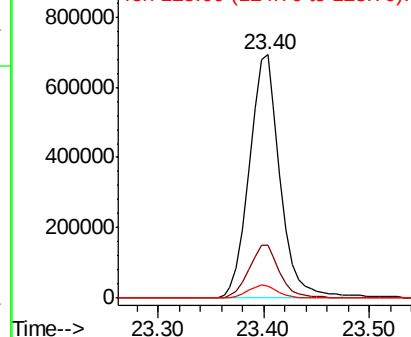
Ion Ratio Lower Upper

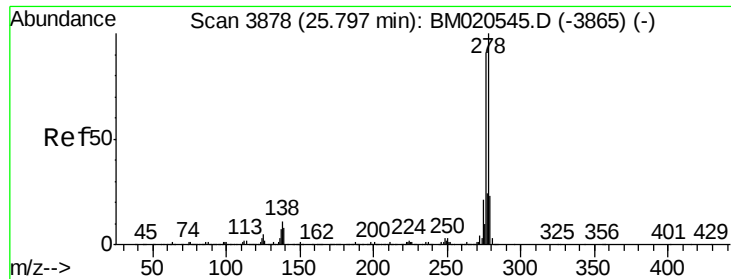
252 100

253 21.7 17.4 26.2

125 4.8 4.2 6.4

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





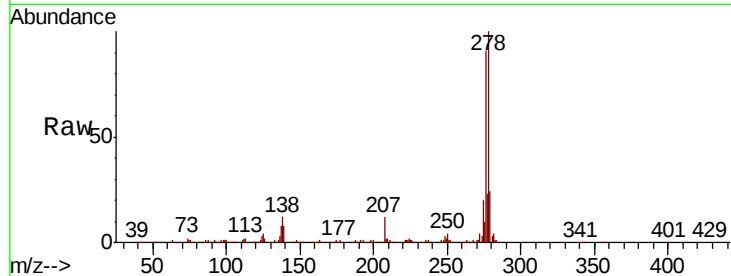
#91
Dibenzo(a,h)anthracene
Concen: 43.602 ng
RT: 25.77 min Scan# 3874
Delta R.T. -0.02 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

Instrument :
BNA_M
ClientSampleId :
PB119991BS

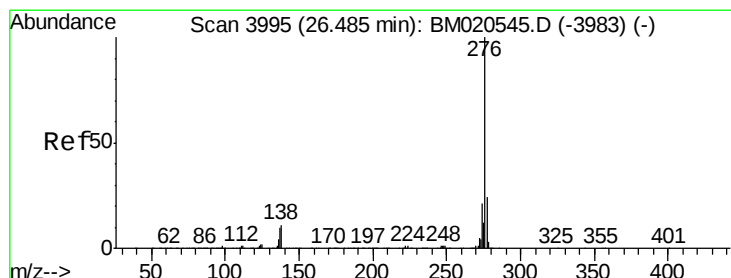
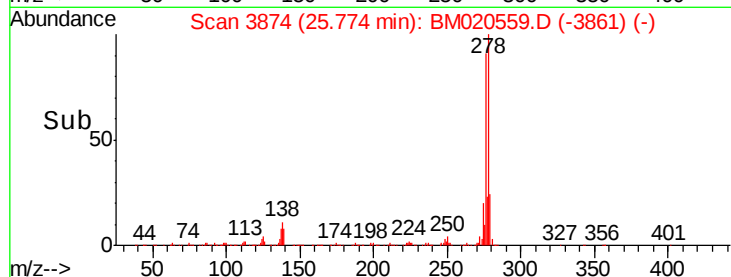
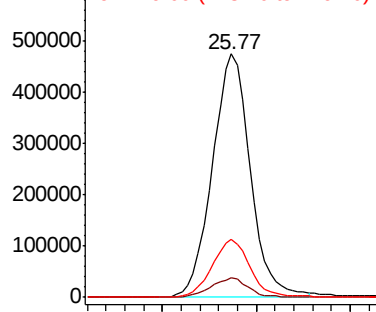
Tot Ion:278 Resp: 1333390
Ion Ratio Lower Upper
278 100
139 8.0 6.3 9.5
279 23.6 18.3 27.5

Manual Integrations
APPROVED

mohammad
5/27/2019 4:00:17 AM

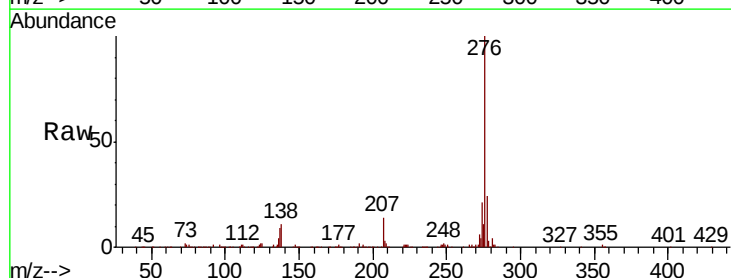


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 43.911 ng
RT: 26.46 min Scan# 3991
Delta R.T. -0.02 min
Lab File: BM020559.D
Acq: 25 May 2019 02:08

Tgt Ion:276 Resp: 1244803
Ion Ratio Lower Upper
276 100
277 23.9 19.1 28.7
138 10.8 8.6 12.8



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

