

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\
 Data File : BM020735.D
 Acq On : 05 Jun 2019 14:19
 Operator : HP/JU
 Sample : PB120137BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB120137BS

Manual Integrations
 APPROVED

mohammad
 6/6/2019 11:21:38 AM

Quant Time: Jun 05 18:42:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 05 18:16:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	326062	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	1246728	20.00	ng	0.00
39) Acenaphthene-d10	14.46	164	644432	20.00	ng	0.00
64) Phenanthrene-d10	17.20	188	1218740	20.00	ng	0.00
76) Chrysene-d12	21.38	240	1004707	20.00	ng	0.00
87) Perylene-d12	23.67	264	1179162	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	2528048	136.39	ng	0.00
7) Phenol-d6	6.99	99	3292889	120.65	ng	0.00
23) Nitrobenzene-d5	8.99	82	1977371	82.18	ng	0.00
42) 2,4,6-Tribromophenol	15.95	330	1076690	134.85	ng	0.00
45) 2-Fluorobiphenyl	13.08	172	4370473	90.16	ng	0.00
79) Terphenyl-d14	19.83	244	4757188	79.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	312800	41.217	ng	98
3) Pyridine	3.74	79	882124	36.533	ng	100
4) n-Nitrosodimethylamine	3.66	42	392401	37.699	ng	99
6) Aniline	7.16	93	1139135	28.845	ng	99
8) 2-Chlorophenol	7.39	128	990502	42.954	ng	100
9) Benzaldehyde	6.97	77	306842	15.646	ng	99
10) Phenol	7.02	94	1199998	40.798	ng	99
11) bis(2-Chloroethyl)ether	7.26	93	883397	37.686	ng	100
12) 1,3-Dichlorobenzene	7.71	146	1042697	39.344	ng	99
13) 1,4-Dichlorobenzene	7.86	146	1063246	39.464	ng	98
14) 1,2-Dichlorobenzene	8.17	146	1018653	38.851	ng	99
15) Benzyl Alcohol	8.06	79	863949	35.781	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.35	45	1194744	33.013	ng	98
17) 2-Methylphenol	8.26	107	794829	38.429	ng	99
18) Hexachloroethane	8.89	117	386562	37.475	ng	99
19) n-Nitroso-di-n-propylamine	8.63	70	725591	33.072	ng	99
20) 3+4-Methylphenols	8.59	107	1046943	37.204	ng	98
22) Acetophenone	8.65	105	1359992	42.941	ng	# 100
24) Nitrobenzene	9.03	77	1074535	43.743	ng	98
25) Isophorone	9.55	82	1881569	39.310	ng	99
26) 2-Nitrophenol	9.73	139	464195	50.703	ng	99
27) 2,4-Dimethylphenol	9.79	122	841734	49.066	ng	98
28) bis(2-Chloroethoxy)methane	10.03	93	1155028	39.910	ng	99
29) 2,4-Dichlorophenol	10.26	162	871514	45.917	ng	99
30) 1,2,4-Trichlorobenzene	10.47	180	972641	44.567	ng	99
31) Naphthalene	10.66	128	2798787	43.655	ng	99
32) Benzoic acid	9.92	122	438112	41.368	ng	100
33) 4-Chloroaniline	10.77	127	464331	15.562	ng	98
34) Hexachlorobutadiene	10.94	225	568664	43.426	ng	99
35) Caprolactam	11.56	113	233218m	35.370	ng	
36) 4-Chloro-3-methylphenol	11.89	107	870368	39.441	ng	100
37) 2-Methylnaphthalene	12.27	142	2021454	42.539	ng	100
38) 1-Methylnaphthalene	12.50	142	1887101	41.705	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.64	216	1043598	49.416	ng	99

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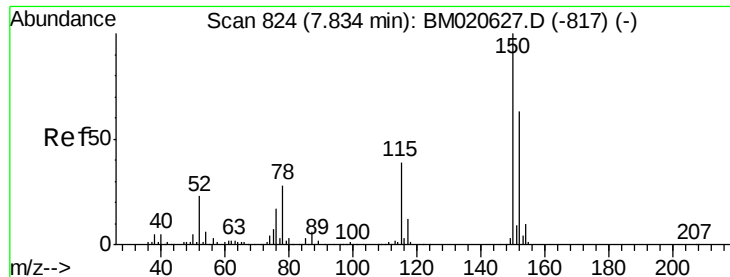
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	1323770	104.807	ng	99
43) 2,4,6-Trichlorophenol	12.88	196	644832	47.436	ng	99
44) 2,4,5-Trichlorophenol	12.95	196	683080	48.673	ng	98
46) 1,1'-Biphenyl	13.29	154	2496973	46.394	ng	100
47) 2-Chloronaphthalene	13.33	162	1935987	44.569	ng	99
48) 2-Nitroaniline	13.54	65	522077	38.293	ng	99
49) Acenaphthylene	14.18	152	2992841	44.157	ng	100
50) Dimethylphthalate	13.92	163	2230169	40.506	ng	99
51) 2,6-Dinitrotoluene	14.04	165	484868	43.372	ng	98
52) Acenaphthene	14.52	154	1745614	43.218	ng	100
53) 3-Nitroaniline	14.37	138	294313	23.586	ng	98
54) 2,4-Dinitrophenol	14.57	184	385679	80.175	ng	99
55) Dibenzofuran	14.86	168	2699914	43.039	ng	99
56) 4-Nitrophenol	14.67	139	744527	80.969	ng	99
57) 2,4-Dinitrotoluene	14.83	165	619071	41.358	ng	98
58) Fluorene	15.51	166	2133169	41.350	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.08	232	566713	46.342	ng	98
60) Diethylphthalate	15.29	149	2130851	37.526	ng	99
61) 4-Chlorophenyl-phenylether	15.50	204	1118698	40.956	ng	98
62) 4-Nitroaniline	15.53	138	443971	33.548	ng	100
63) Azobenzene	15.80	77	2017566	37.061	ng	99
65) 4,6-Dinitro-2-methylphenol	15.59	198	238314	43.897	ng	98
66) n-Nitrosodiphenylamine	15.72	169	1798648	46.102	ng	99
67) 4-Bromophenyl-phenylether	16.40	248	641922	44.735	ng	98
68) Hexachlorobenzene	16.50	284	745555	44.495	ng	99
69) Atrazine	16.67	200	559859	48.081	ng	100
70) Pentachlorophenol	16.85	266	820680	102.667	ng	100
71) Phenanthrene	17.24	178	2989137	43.269	ng	100
72) Anthracene	17.33	178	3036505	43.917	ng	99
73) Carbazole	17.61	167	2603939	41.501	ng	100
74) Di-n-butylphthalate	18.17	149	3119884	38.304	ng	99
75) Fluoranthene	19.26	202	3109555	40.476	ng	100
77) Benzidine	19.45	184	1342731	44.106	ng	100
78) Pyrene	19.62	202	3185677	41.319	ng	99
80) Butylbenzylphthalate	20.52	149	1198239	36.776	ng	100
81) Benzo(a)anthracene	21.37	228	2925516	41.813	ng	100
82) 3,3'-Dichlorobenzidine	21.30	252	874146	34.118	ng	99
83) Chrysene	21.42	228	2888040	43.424	ng	99
84) Bis(2-ethylhexyl)phthalate	21.30	149	1679707	35.471	ng	99
85) Di-n-octyl phthalate	22.19	149	2741326	36.463	ng	99
86) Indeno(1,2,3-cd)pyrene	25.99	276	4188453	61.558	ng	99
88) Benzo(b)fluoranthene	22.98	252	3246487	41.656	ng	100
89) Benzo(k)fluoranthene	23.03	252	3104095	40.756	ng	100
90) Benzo(a)pyrene	23.57	252	3200147	45.269	ng	99
91) Dibenzo(a,h)anthracene	26.00	278	3530877	51.483	ng	99
92) Benzo(g,h,i)perylene	26.70	276	3448047	54.127	ng	99

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



#1

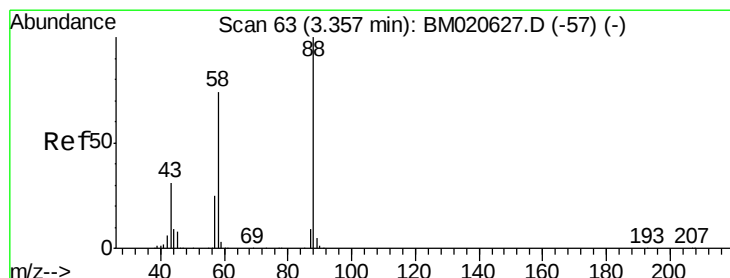
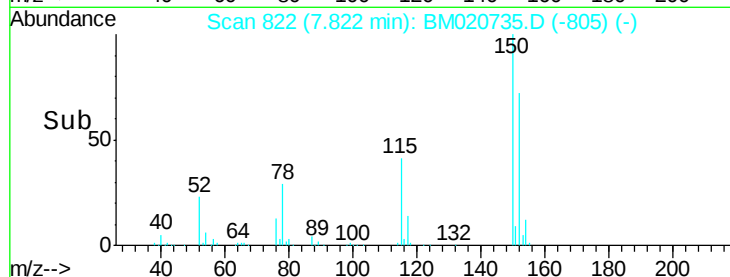
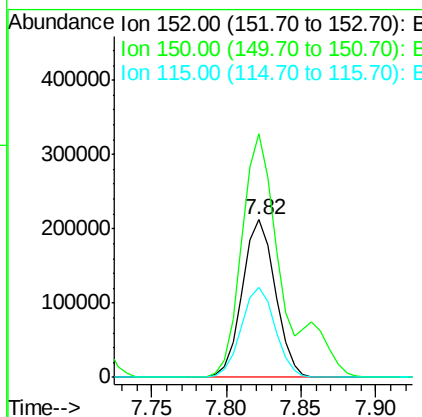
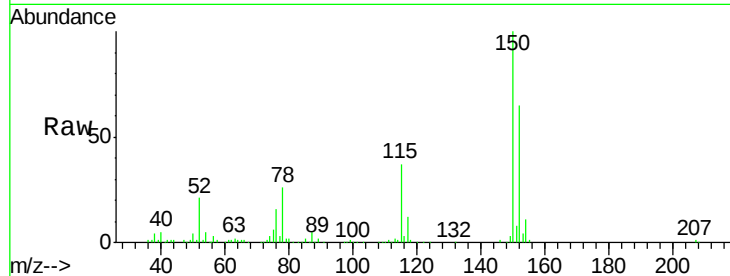
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Instrument :
BNA_M
ClientSampleId :
PB120137BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.0	186.0
115	57.1	47.0	70.6

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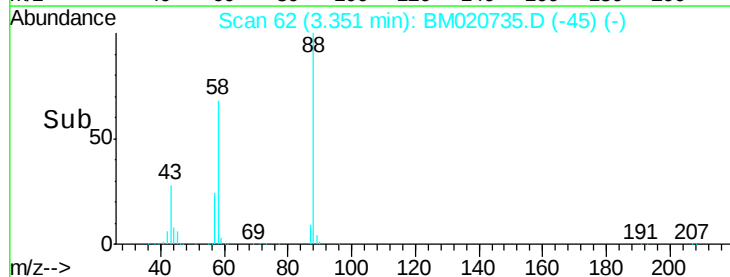
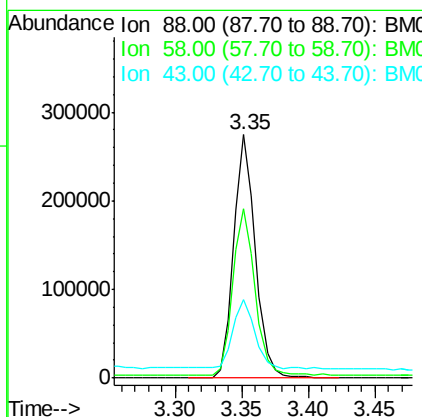
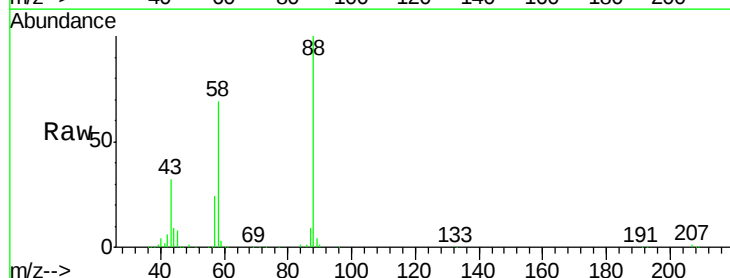
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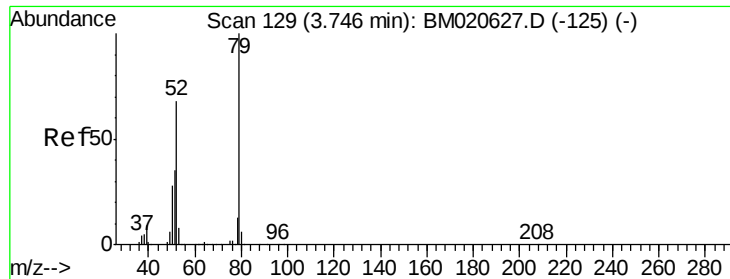


#2

1,4-Dioxane
Concen: 41.217 ng
RT: 3.35 min Scan# 62
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.4	57.2	85.8
43	28.0	24.2	36.4





#3

Pvridine

Concen: 36.533 ng

RT: 3.74 min Scan# 128

Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

Instrument :

BNA_M

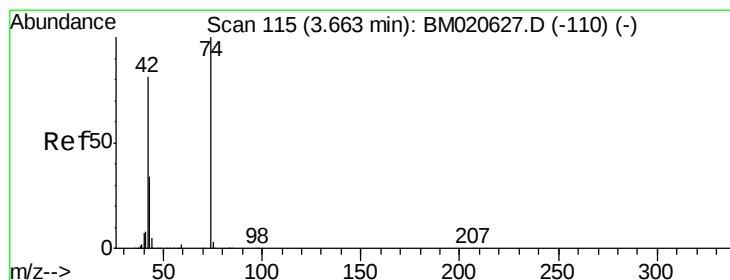
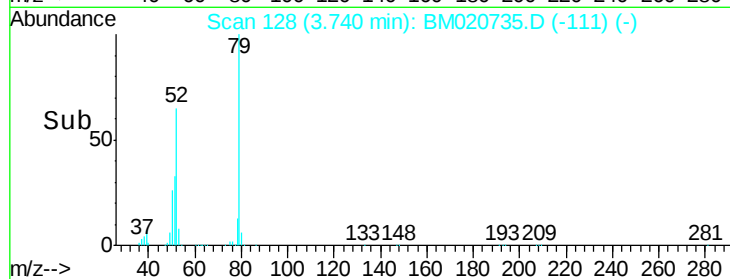
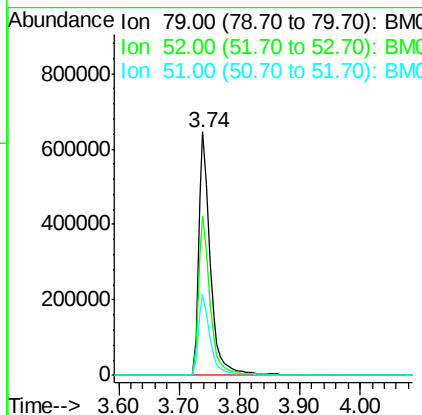
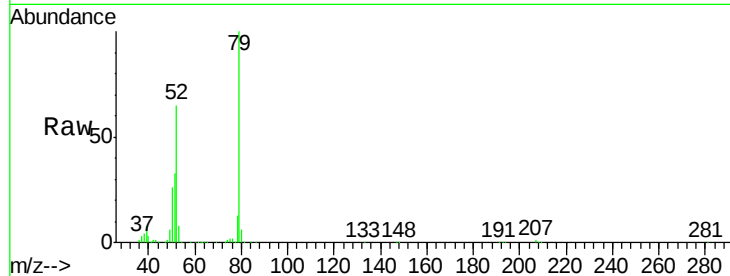
ClientSampleId :

PB120137BS

Tot Ion:	79	Resp:	882124
Ion	Ratio	Lower	Upper
79	100		
52	65.4	52.0	78.0
51	33.2	26.5	39.7

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#4

n-Nitrosodimethylamine

Concen: 37.699 ng

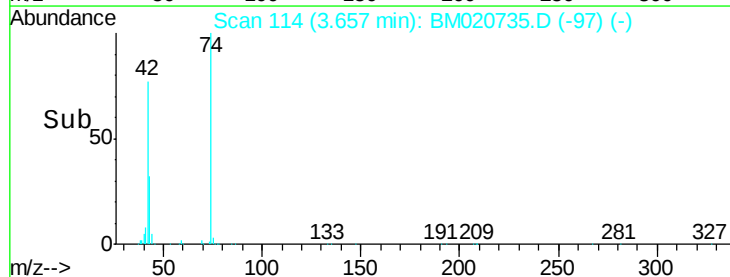
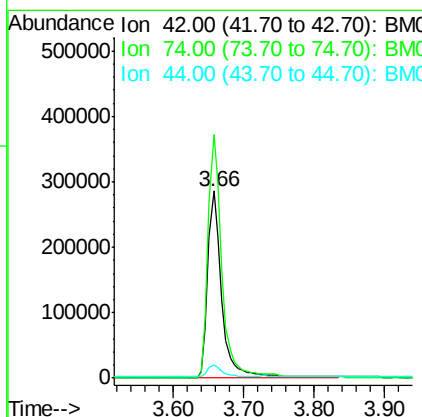
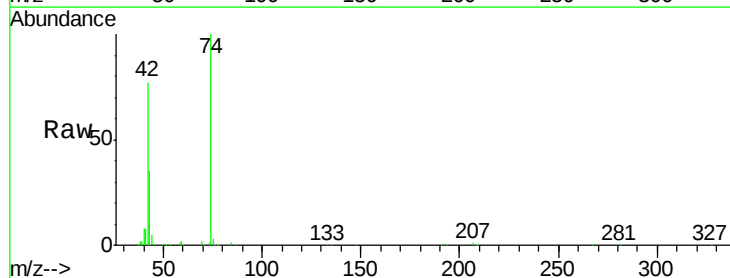
RT: 3.66 min Scan# 114

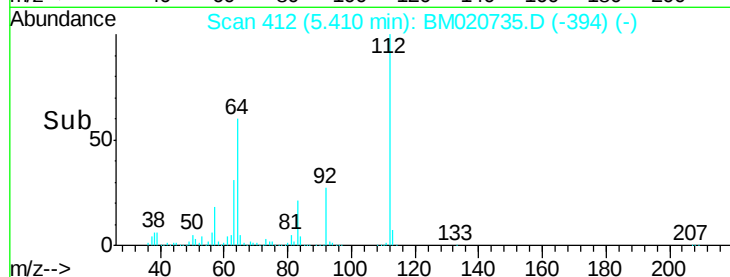
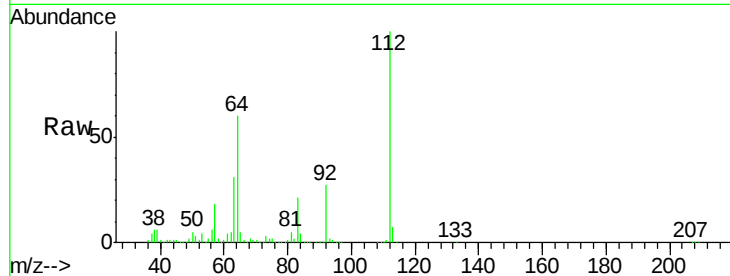
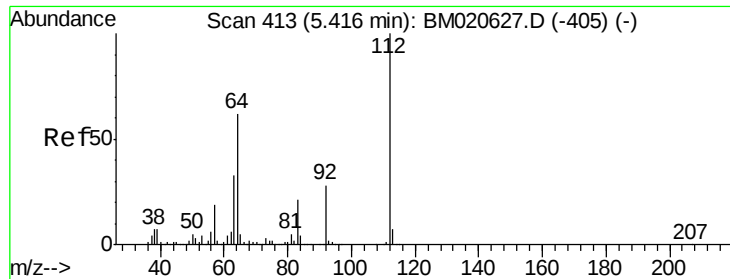
Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

Tgt Ion:	42	Resp:	392401
Ion	Ratio	Lower	Upper
42	100		
74	130.2	103.3	154.9
44	7.1	5.9	8.9





#5

2-Fluorophenol

Concen: 136.385 ng

RT: 5.41 min Scan# 412

Delta R.T. 0.01 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

Tot Ion:	112	Resp:	2528048
Ion	Ratio	Lower	Upper
112	100		
64	59.8	47.8	71.8
63	31.0	25.4	38.0

Instrument :

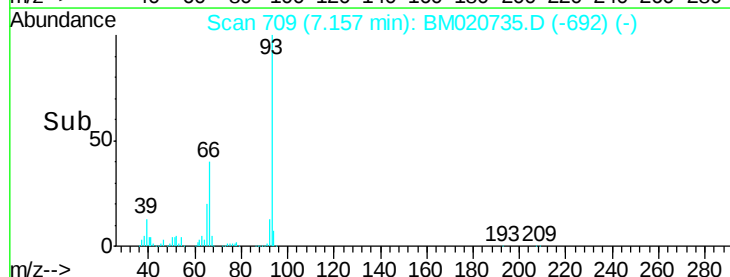
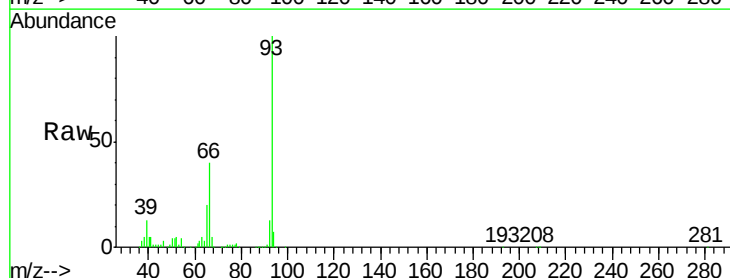
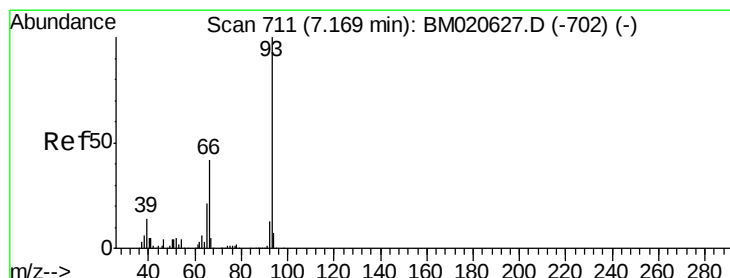
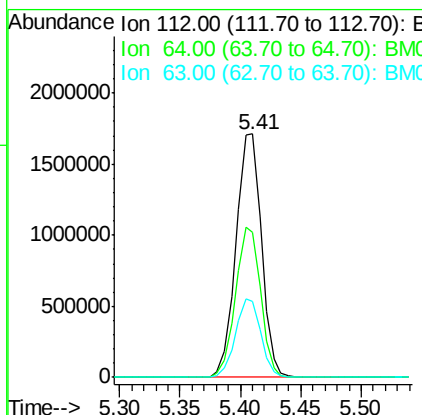
BNA_M

ClientSampleId :

PB120137BS

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#6

Aniline

Concen: 28.845 ng

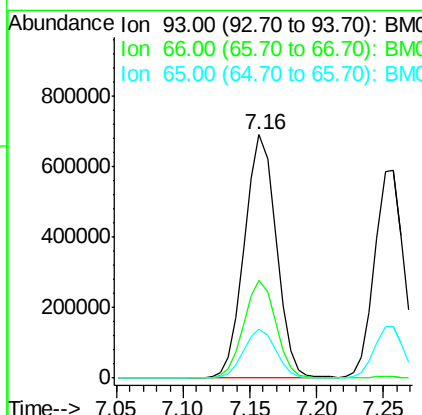
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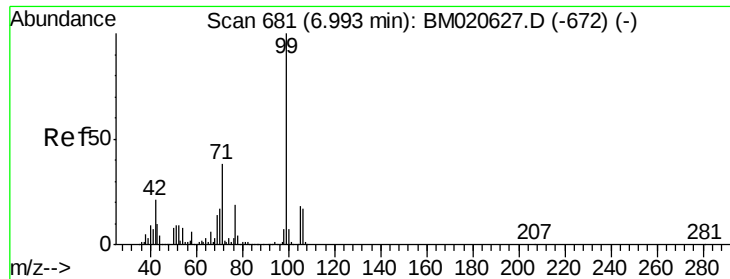
Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

Tgt Ion:	93	Resp:	1139135
Ion	Ratio	Lower	Upper
93	100		
66	40.3	33.0	49.4
65	20.1	16.1	24.1





#7

Phenol-d6

Concen: 120.646 ng

RT: 6.99 min Scan# 681

Delta R.T. 0.01 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

Instrument :

BNA_M

ClientSampleId :

PB120137BS

Tot Ion: 99 Resp: 3292889

Ion Ratio Lower Upper

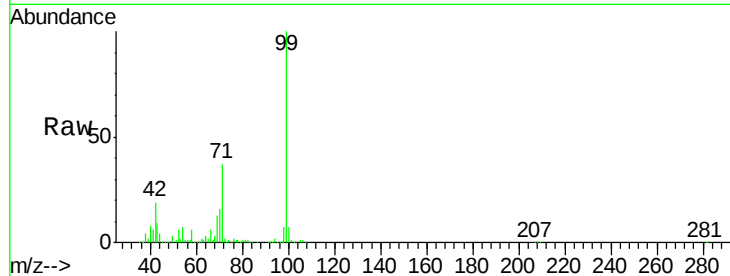
99 100

42 18.8 14.8 22.2

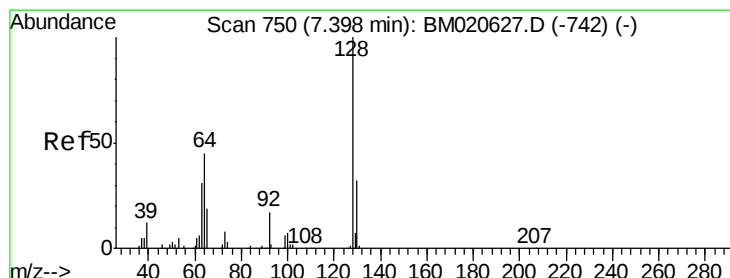
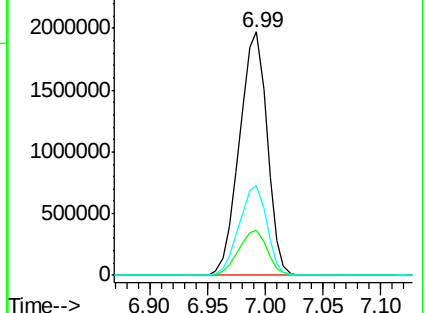
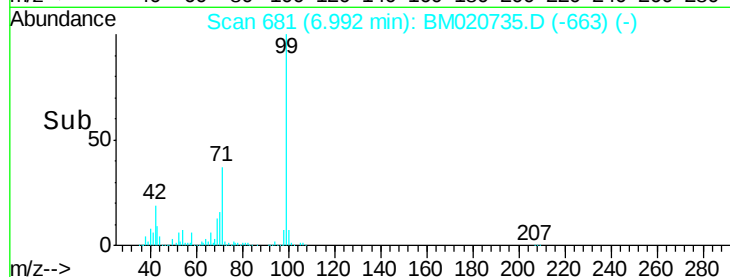
71 36.9 29.5 44.3

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Abundance Ion 99.00 (98.70 to 99.70): BM020735.D (-663) (-)



#8

2-Chlorophenol

Concen: 42.954 ng

RT: 7.39 min Scan# 748

Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

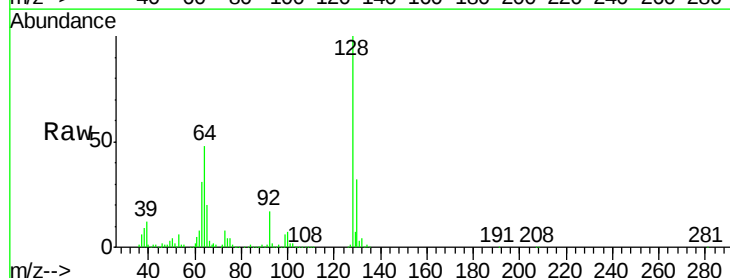
Tgt Ion: 128 Resp: 990502

Ion Ratio Lower Upper

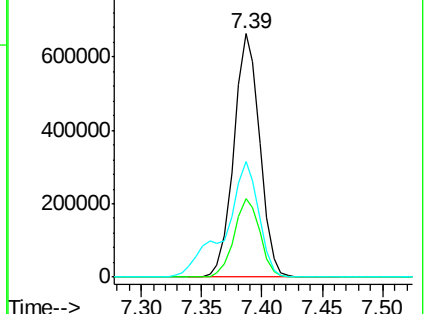
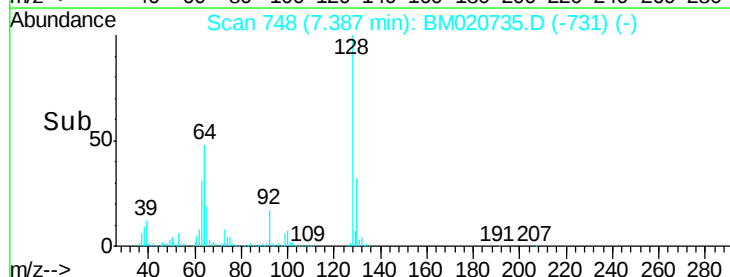
128 100

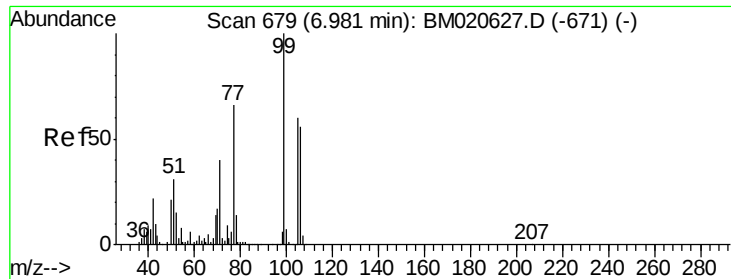
130 32.4 12.6 52.6

64 47.6 27.5 67.5



Abundance Ion 128.00 (127.70 to 128.70): BM020735.D (-731) (-)





#9

Benzaldehyde

Concen: 15.646 ng

RT: 6.97 min Scan# 677

Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

Instrument :

BNA_M

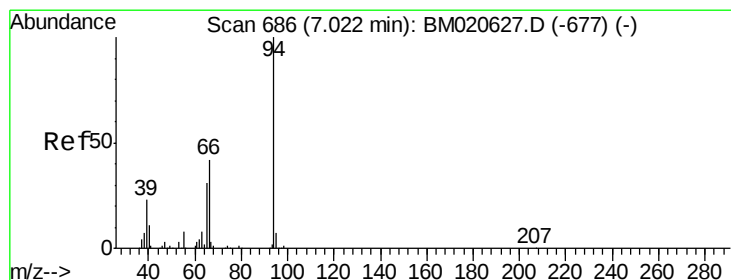
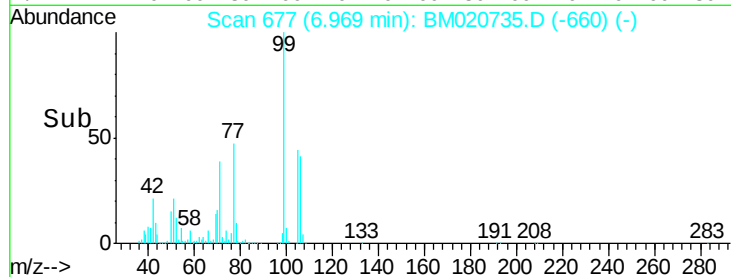
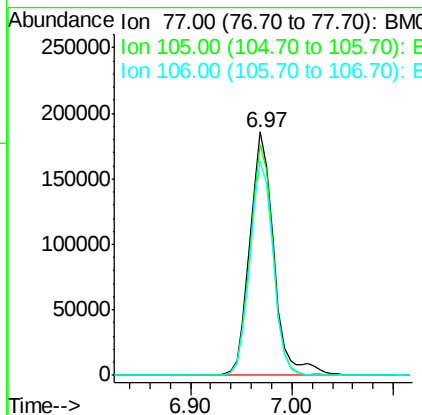
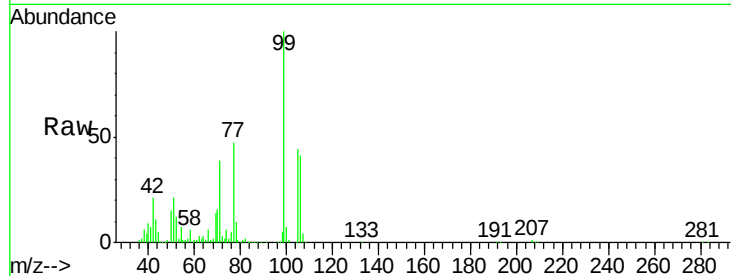
ClientSampled :

PB120137BS

Tot Ion:	77	Resp:	306842
Ion Ratio	Lower	Upper	
77	100		
105	95.0	73.6	113.6
106	87.7	68.3	108.3

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#10

Phenol

Concen: 40.798 ng

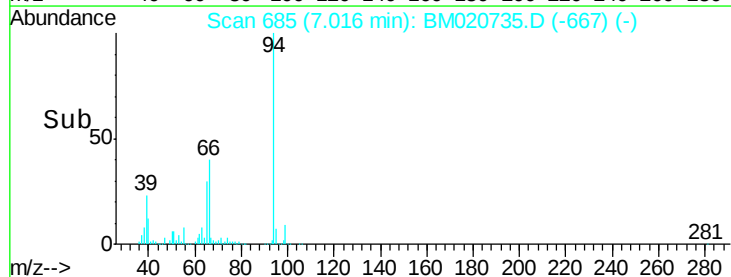
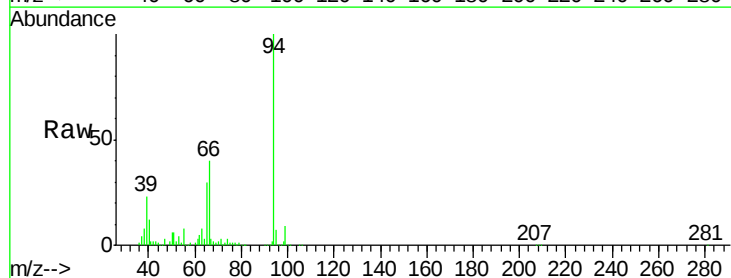
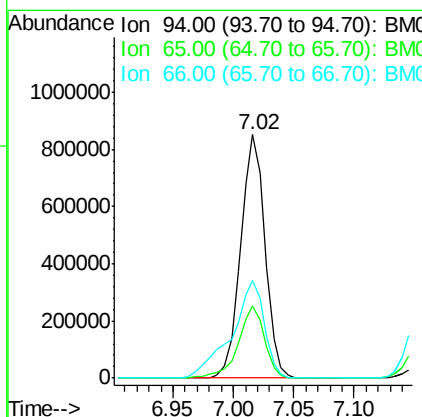
RT: 7.02 min Scan# 685

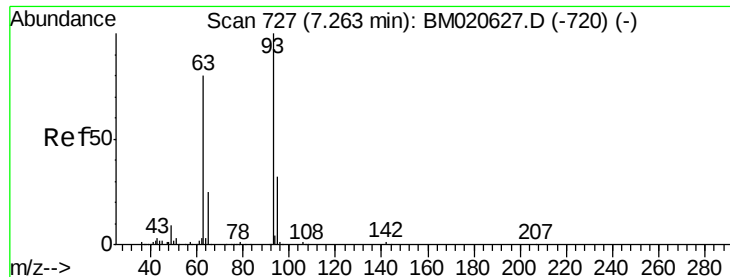
Delta R.T. 0.01 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

Tgt Ion:	94	Resp:	1199998
Ion Ratio	Lower	Upper	
94	100		
65	29.6	9.4	49.4
66	40.3	20.7	60.7





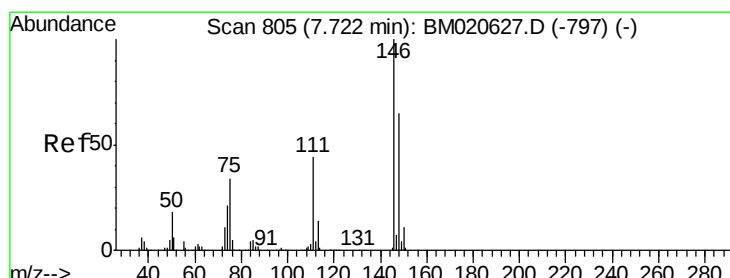
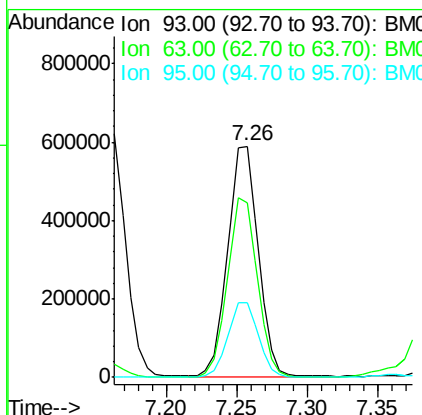
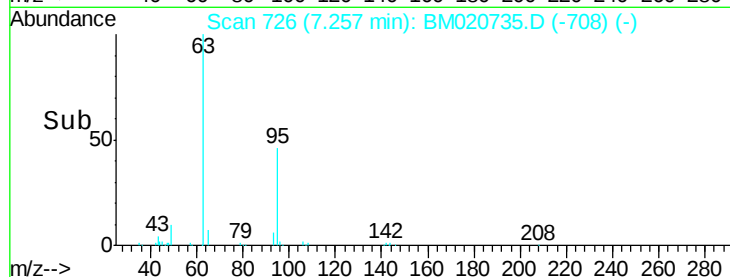
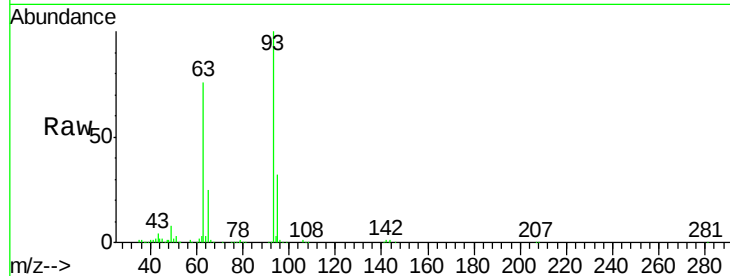
#11
bis(2-Chloroethyl)ether
Concen: 37.686 ng
RT: 7.26 min Scan# 726
Delta R.T. 0.01 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Instrument :
BNA_M
ClientSampleId :
PB120137BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	883397		
63	75.6	56.0	96.0	
95	32.5	12.2	52.2	

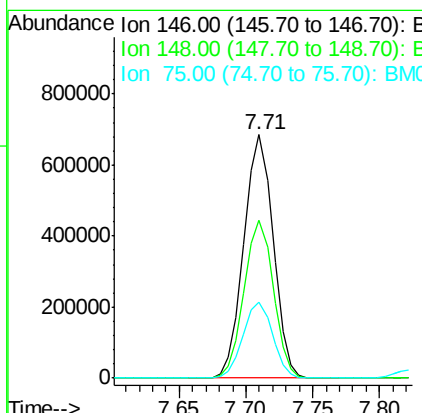
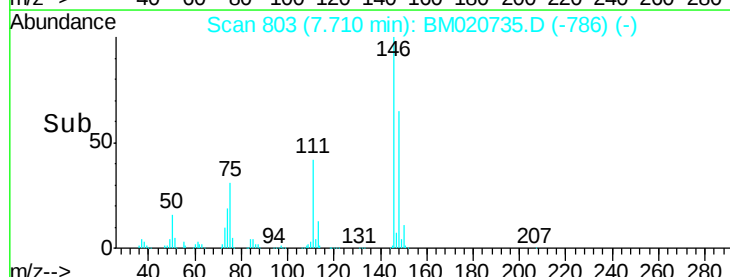
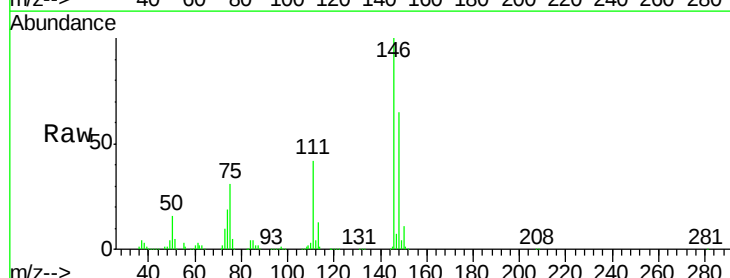
Manual Integrations
APPROVED

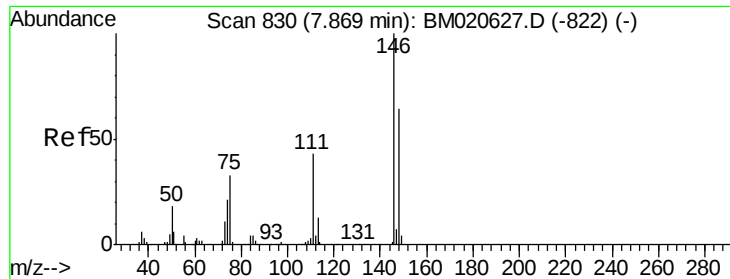
mohammad
6/6/2019 11:21:38 AM



#12
1,3-Dichlorobenzene
Concen: 39.344 ng
RT: 7.71 min Scan# 803
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	1042697		
148	64.6	51.3	76.9	
75	31.1	25.3	37.9	





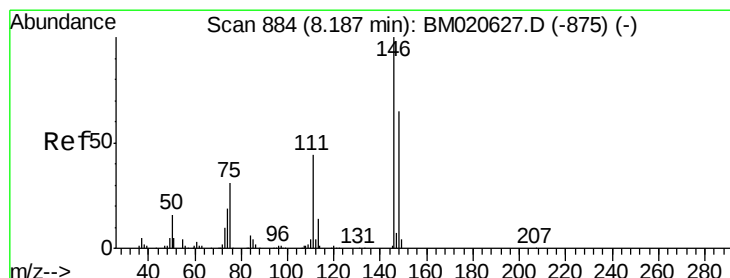
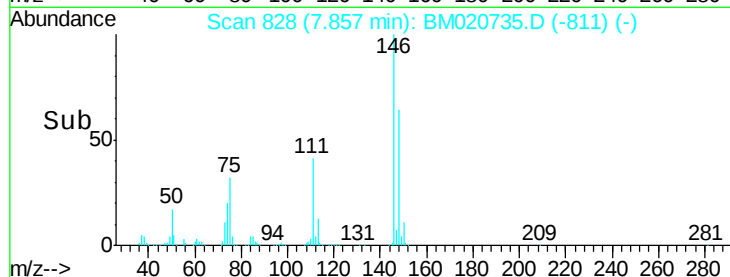
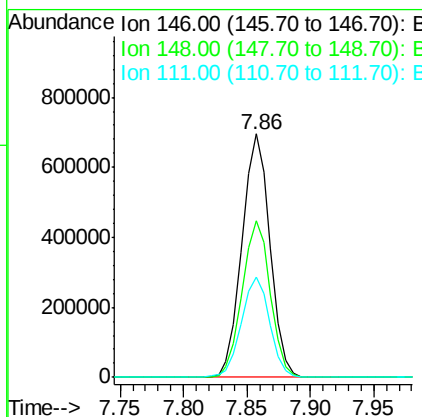
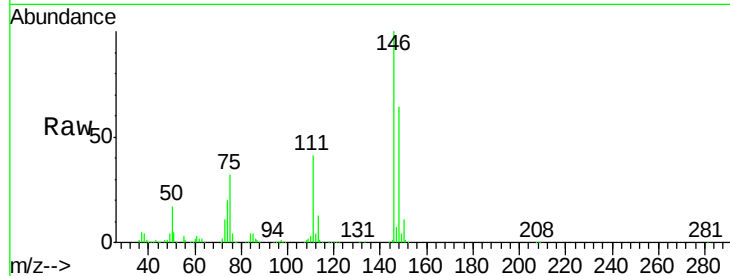
#13
 1,4-Dichlorobenzene
 Concen: 39.464 ng
 RT: 7.86 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BM020735.D
 Acq: 05 Jun 2019 14:19

Instrument :
 BNA_M
 ClientSampleId :
 PB120137BS

Tot Ion:146 Resp: 1063246
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.5 78.7
 111 41.0 33.8 50.8

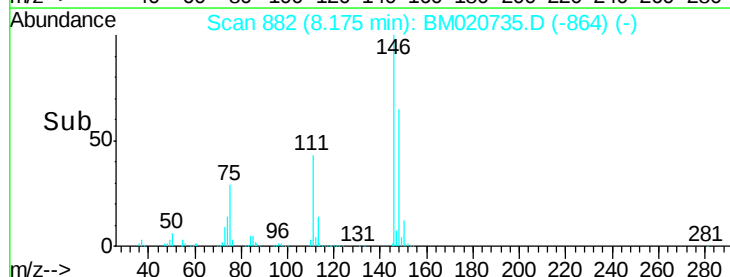
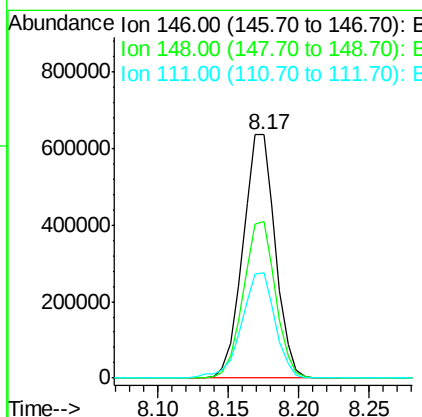
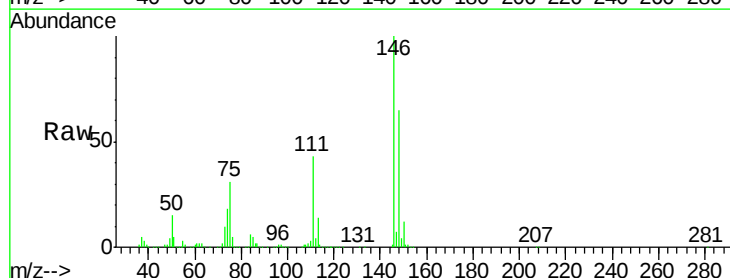
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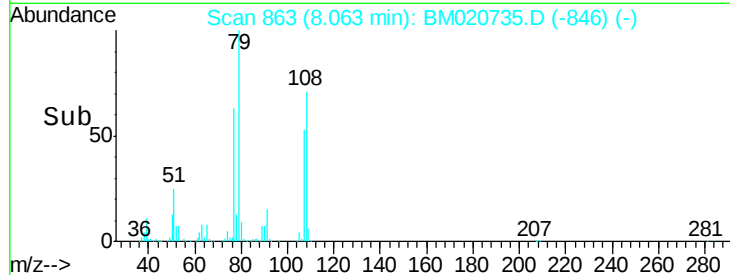
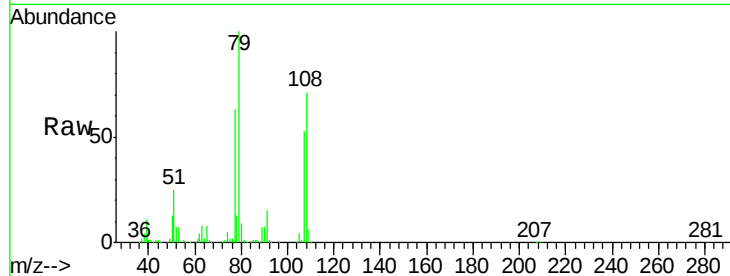
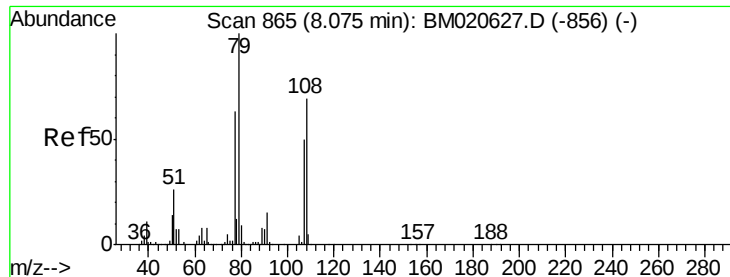
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#14
 1,2-Dichlorobenzene
 Concen: 38.851 ng
 RT: 8.17 min Scan# 882
 Delta R.T. 0.01 min
 Lab File: BM020735.D
 Acq: 05 Jun 2019 14:19

Tgt Ion:146 Resp: 1018653
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.0 76.6
 111 43.0 35.3 52.9





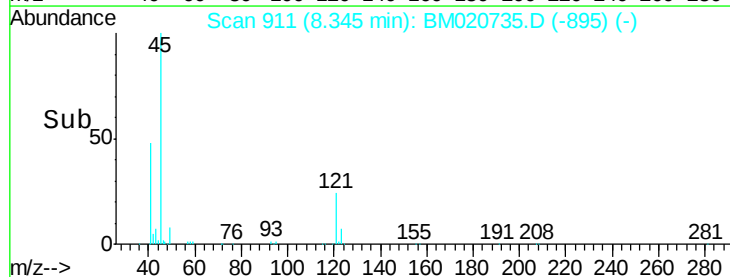
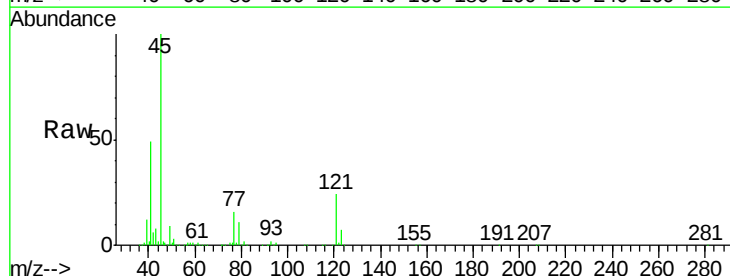
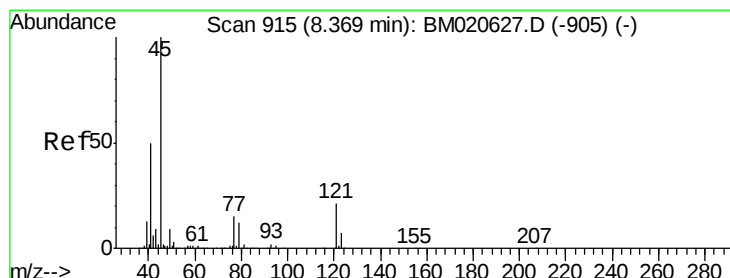
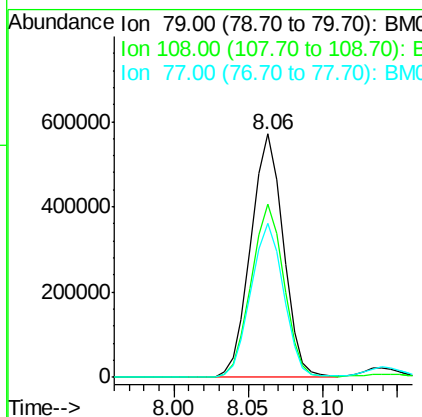
#15
Benzyl Alcohol
Concen: 35.781 ng
RT: 8.06 min Scan# 863
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Tot Ion:	79	Resp:	863949
Ion	Ratio	Lower	Upper
79	100		
108	70.9	57.2	85.8
77	63.1	50.9	76.3

Instrument :
BNA_M
ClientSampleId :
PB120137BS

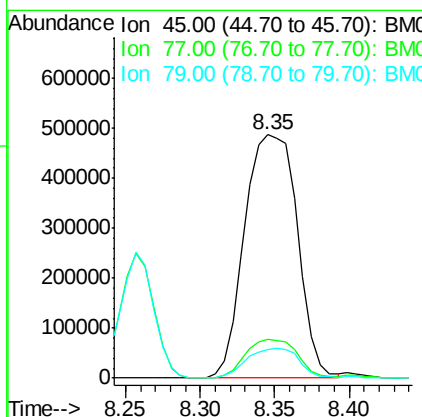
Manual Integrations
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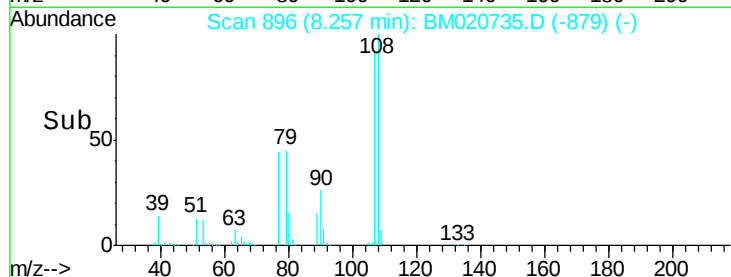
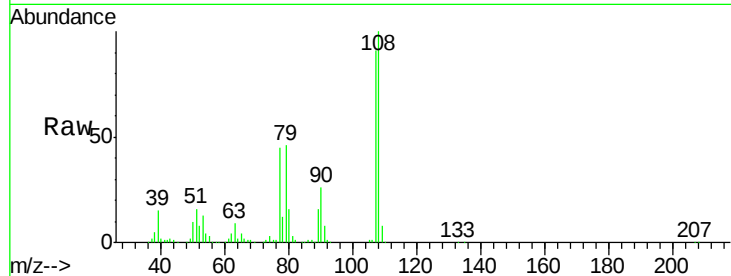
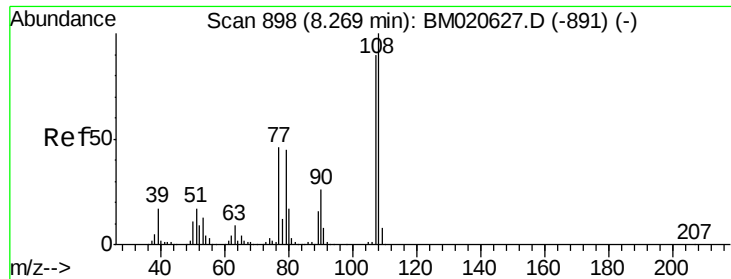
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.013 ng
RT: 8.35 min Scan# 911
Delta R.T. -0.01 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Tgt Ion:	45	Resp:	1194744
Ion	Ratio	Lower	Upper
45	100		
77	16.1	0.0	35.4
79	11.5	0.0	32.2





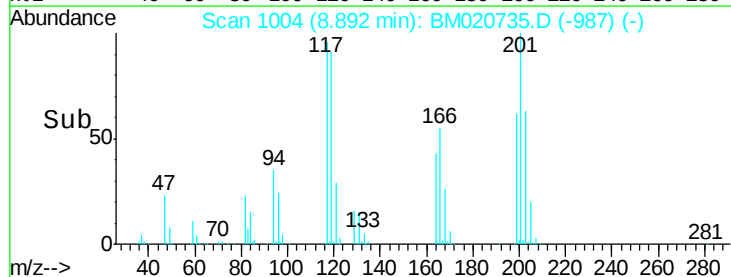
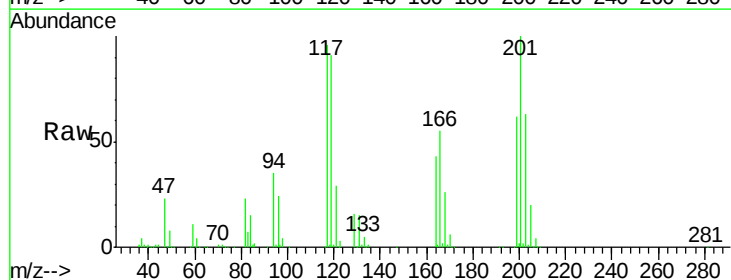
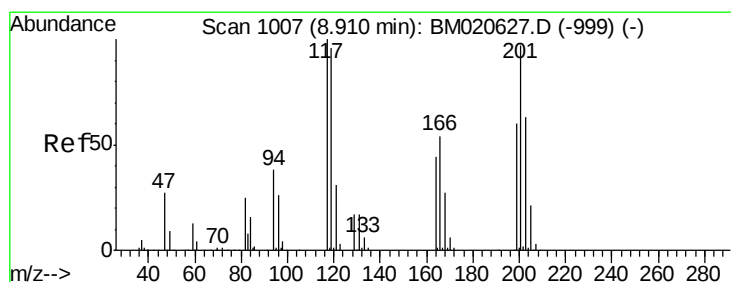
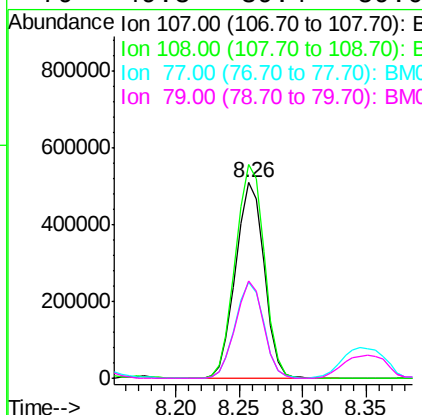
#17
2-Methylphenol
Concen: 38.429 ng
RT: 8.26 min Scan# 896
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Tot Ion	Ratio	Resp	Lower	Upper
107	100	794829		
108	109.4	88.2	132.4	
77	49.1	39.5	59.3	
79	49.8	39.4	59.0	

Instrument :
BNA_M
ClientSampleId :
PB120137BS

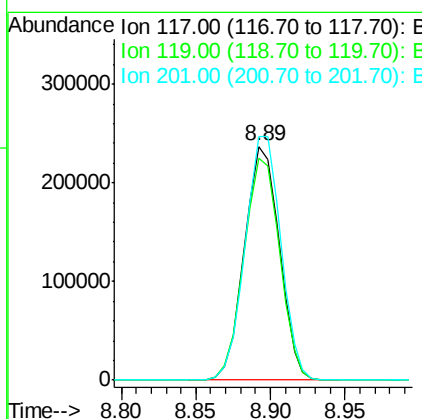
Manual Integrations
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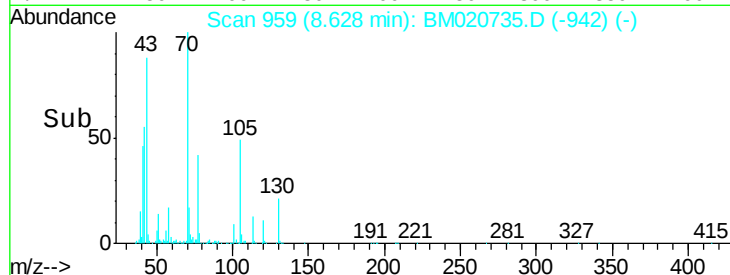
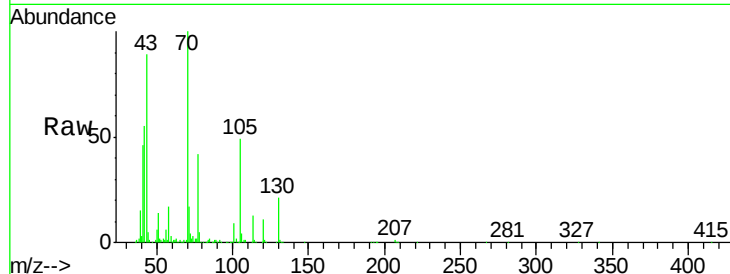
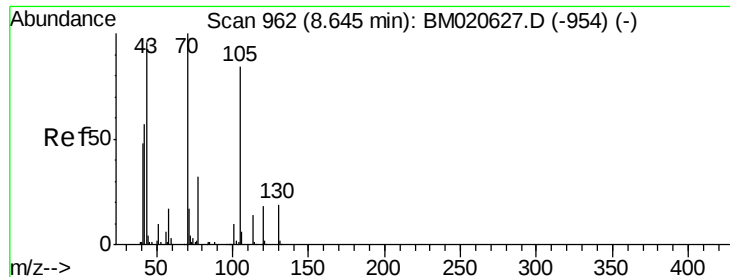
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#18
Hexachloroethane
Concen: 37.475 ng
RT: 8.89 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	386562		
119	95.1	78.2	117.4	
201	104.0	83.0	124.4	





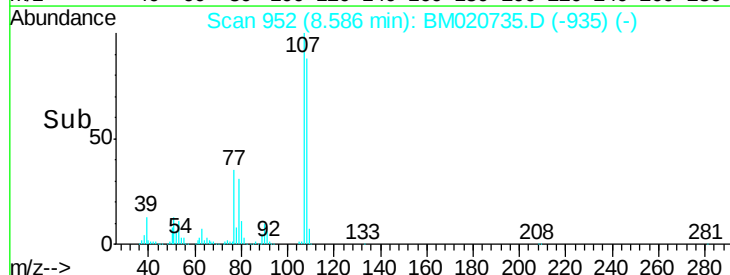
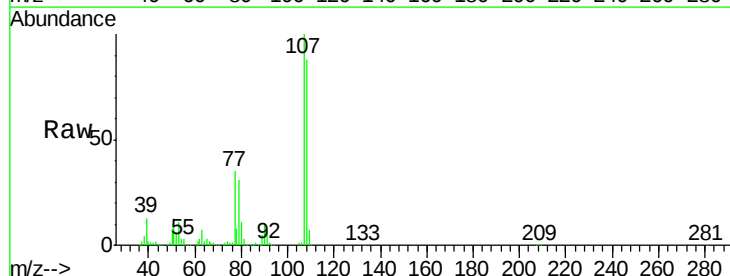
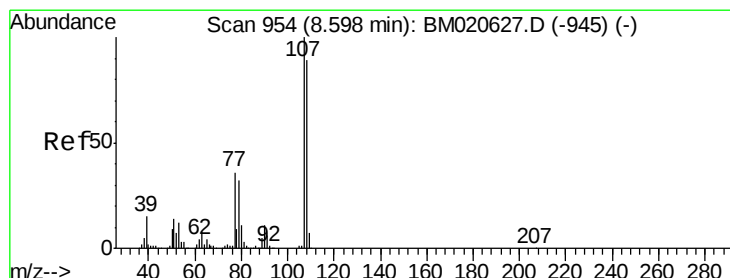
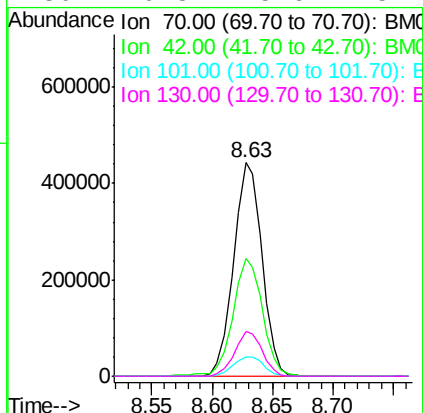
#19
n-Nitroso-di-n-propylamine
Concen: 33.072 ng
RT: 8.63 min Scan# 959
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Instrument :
BNA_M
ClientSampleId :
PB120137BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.0	44.2	66.2	
101	9.2	7.2	10.8	
130	20.8	15.6	23.4	

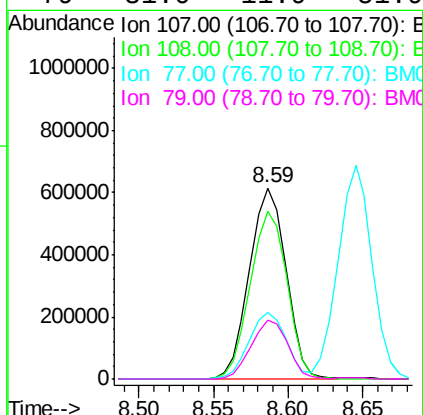
Manual Integrations
APPROVED

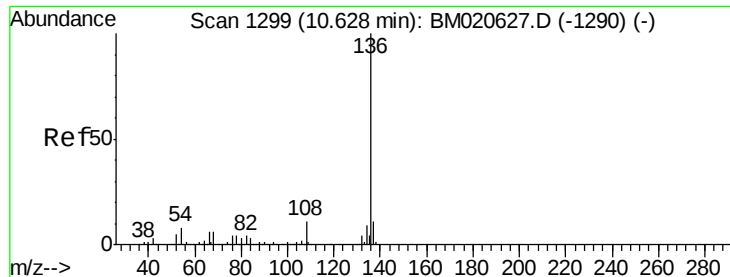
mohammad
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#20
3+4-Methylphenols
Concen: 37.204 ng
RT: 8.59 min Scan# 952
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.1	70.3	110.3	
77	34.6	15.5	55.5	
79	31.0	11.9	51.9	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.61 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

Instrument :

BNA_M

ClientSampleId :

PB120137BS

Tot Ion:136 Resp: 1246728

Ion Ratio Lower Upper

136 100

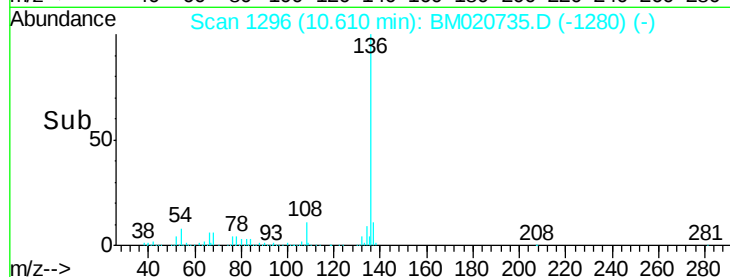
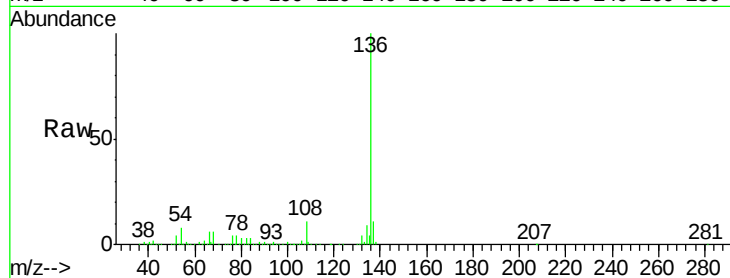
137 11.0 8.7 13.1

54 8.0 6.0 9.0

68 5.9 4.4 6.6

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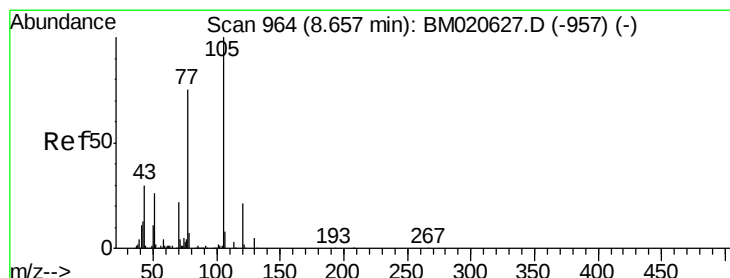
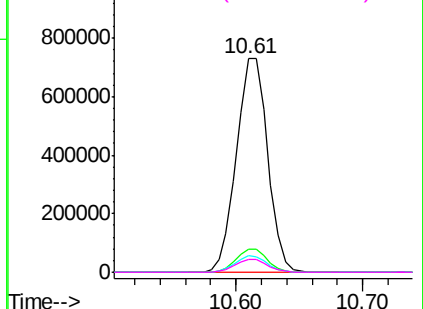


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 42.941 ng

RT: 8.65 min Scan# 962

Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

Tgt Ion:105 Resp: 1359992

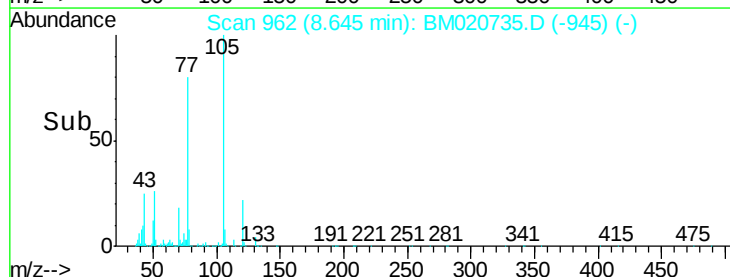
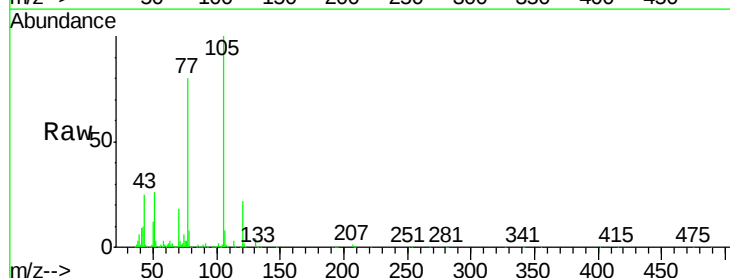
Ion Ratio Lower Upper

105 100

71 2.8 1.8 2.8#

51 26.1 20.9 31.3

120 22.3 17.6 26.4

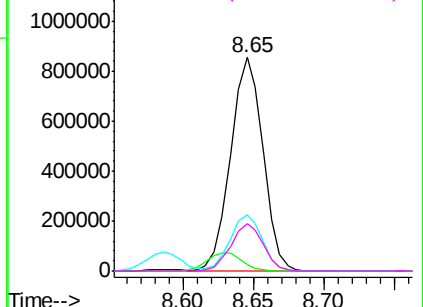


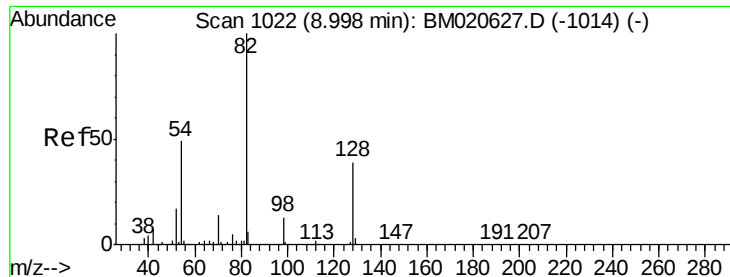
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





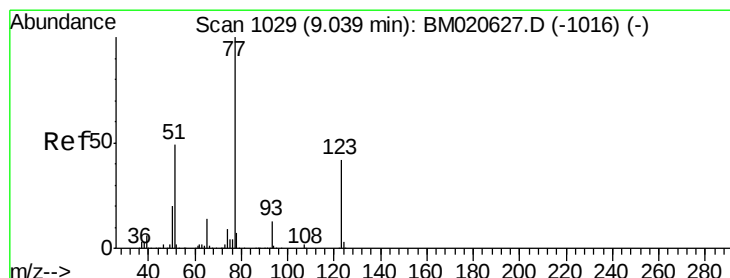
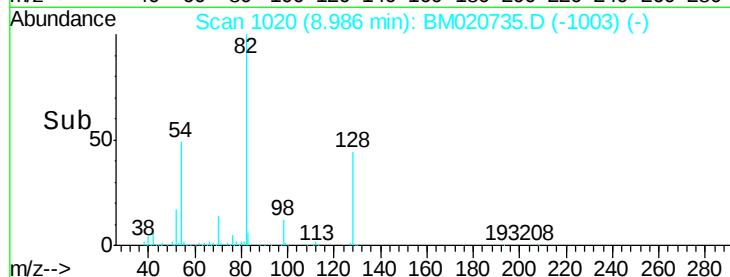
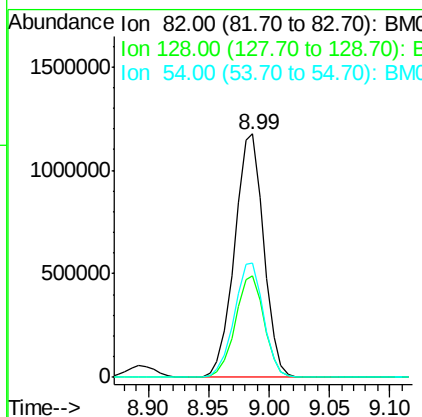
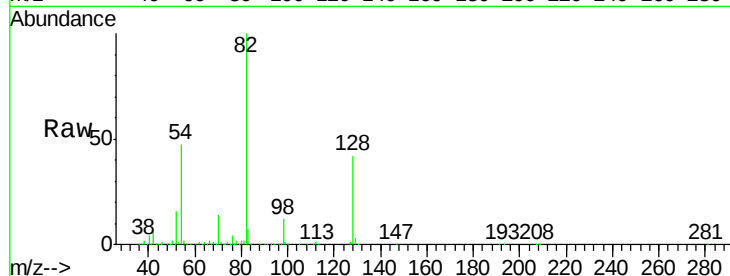
#23
 Nitrobenzene-d5
 Concen: 82.176 ng
 RT: 8.99 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BM020735.D
 Acq: 05 Jun 2019 14:19

Instrument :
 BNA_M
 ClientSampleId :
 PB120137BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.9	33.2	49.8
54	47.1	37.7	56.5

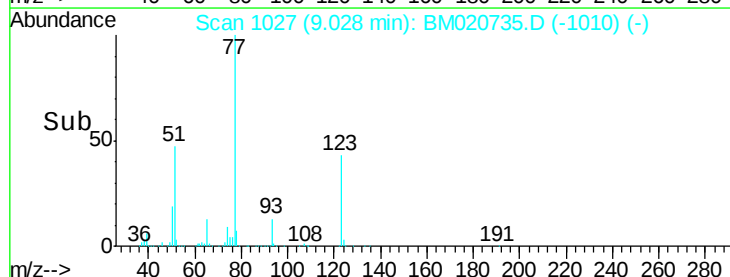
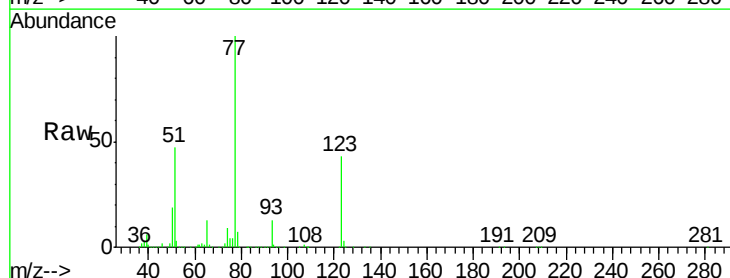
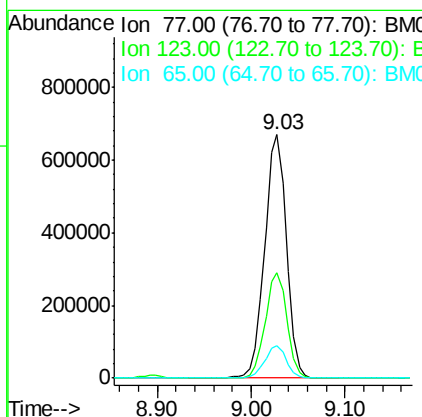
Manual Integrations
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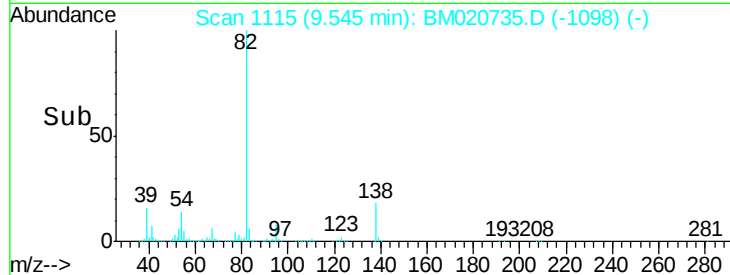
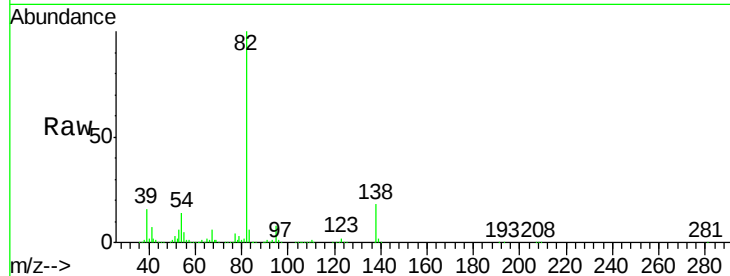
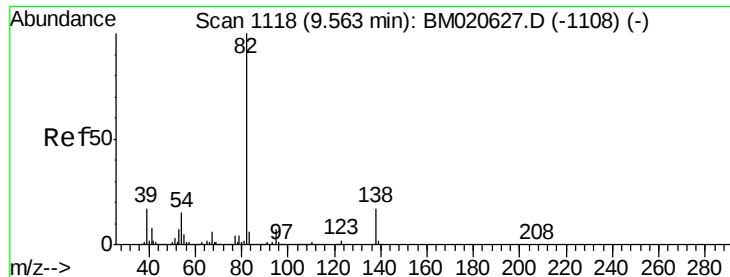
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#24
 Nitrobenzene
 Concen: 43.743 ng
 RT: 9.03 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BM020735.D
 Acq: 05 Jun 2019 14:19

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.1	35.8	53.8
65	13.2	10.9	16.3





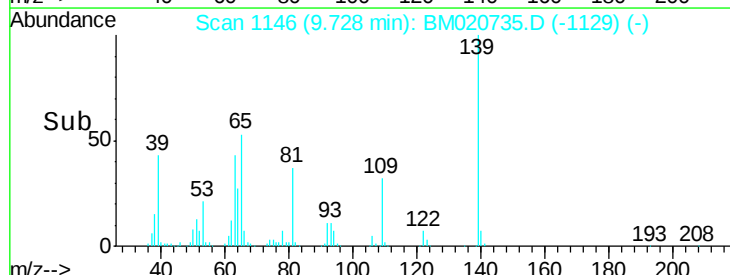
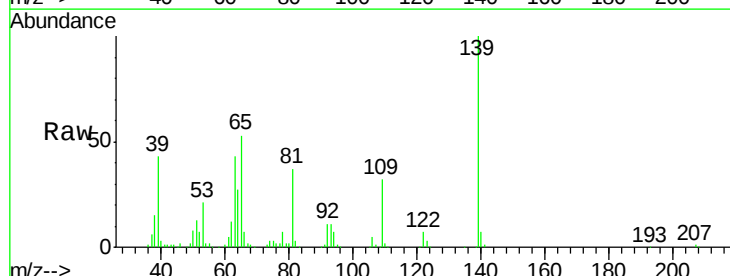
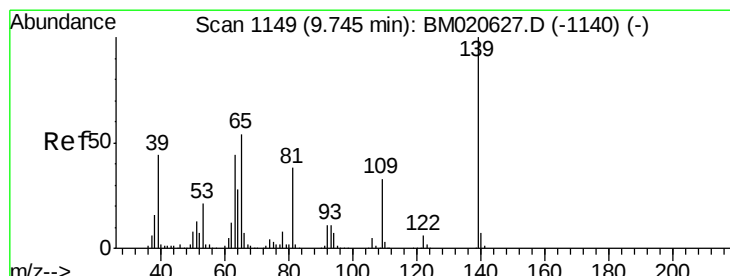
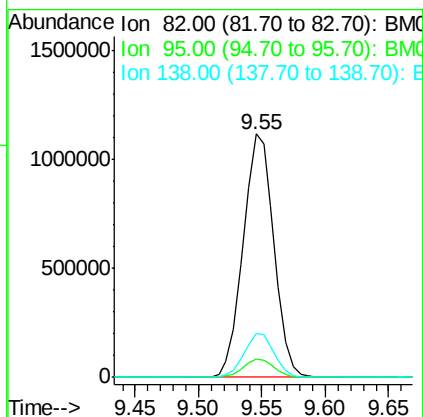
#25
Isophorone
Concen: 39.310 ng
RT: 9.55 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Tot Ion:	82	Resp:	1881569
Ion	Ratio	Lower	Upper
82	100		
95	7.6	5.8	8.6
138	17.9	14.5	21.7

Instrument :
BNA_M
ClientSampleId :
PB120137BS

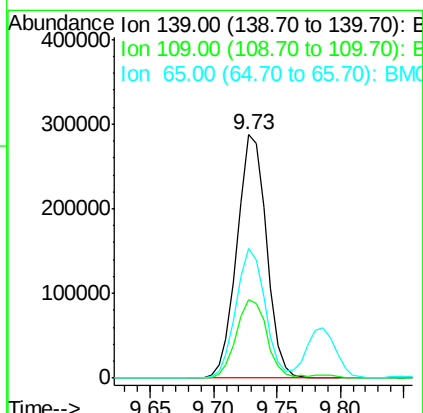
Manual Integrations
APPROVED

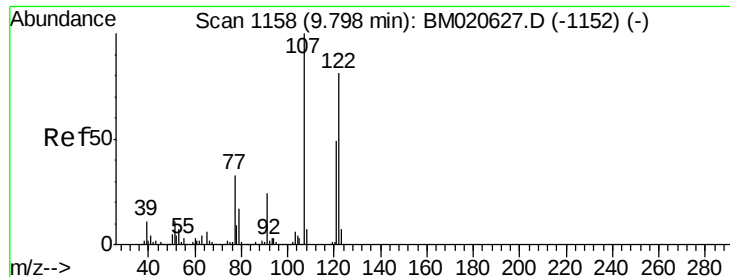
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#26
2-Nitrophenol
Concen: 50.703 ng
RT: 9.73 min Scan# 1146
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Tgt Ion:	139	Resp:	464195
Ion	Ratio	Lower	Upper
139	100		
109	32.5	26.8	40.2
65	53.1	42.6	63.8





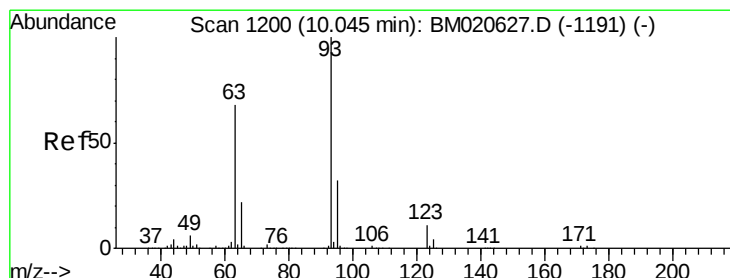
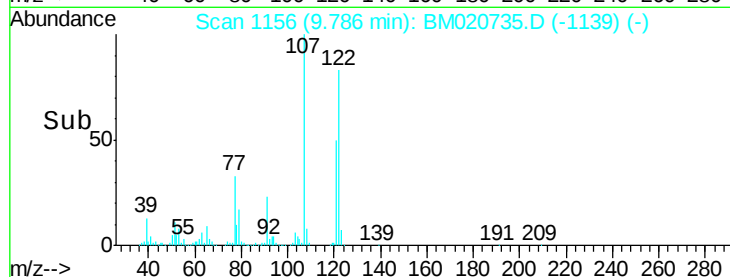
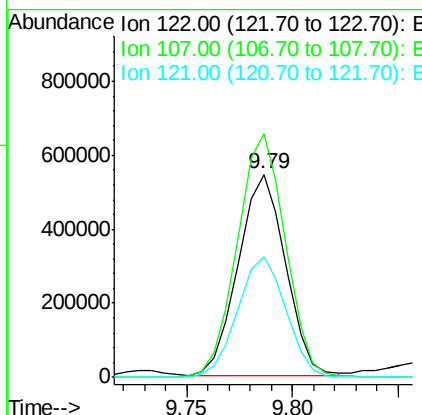
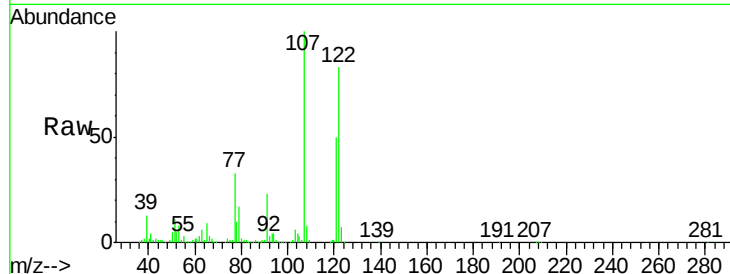
#27
 2,4-Dimethylphenol
 Concen: 49.066 ng
 RT: 9.79 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: BM020735.D
 Acq: 05 Jun 2019 14:19

Instrument :
 BNA_M
 ClientSampleId :
 PB120137BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.9	97.8	146.6
121	59.5	48.5	72.7

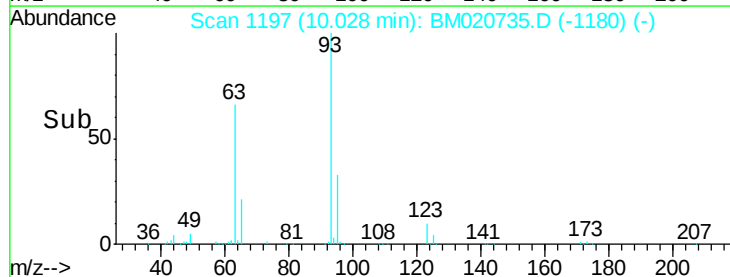
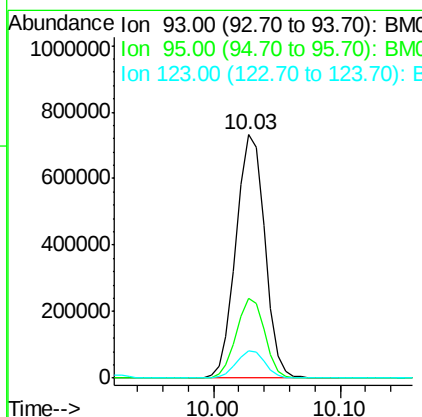
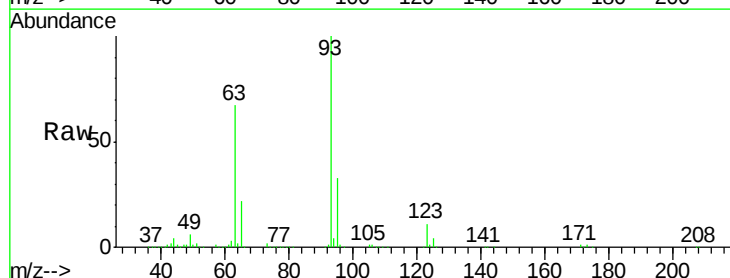
Manual Integrations
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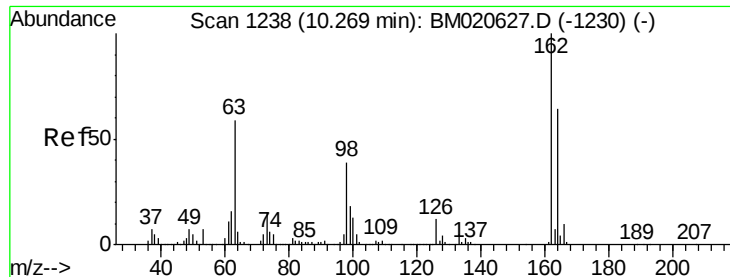
mohammad
 6/6/2019 11:21:38 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.910 ng
 RT: 10.03 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BM020735.D
 Acq: 05 Jun 2019 14:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.4	38.0
123	11.2	8.8	13.2





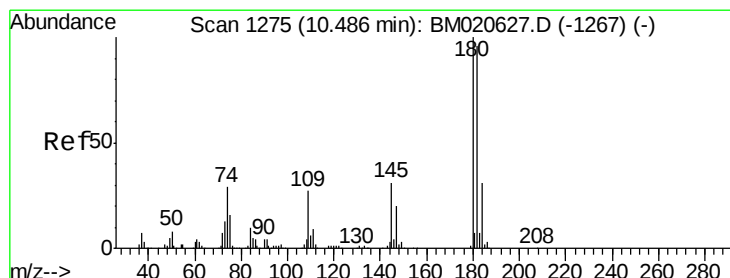
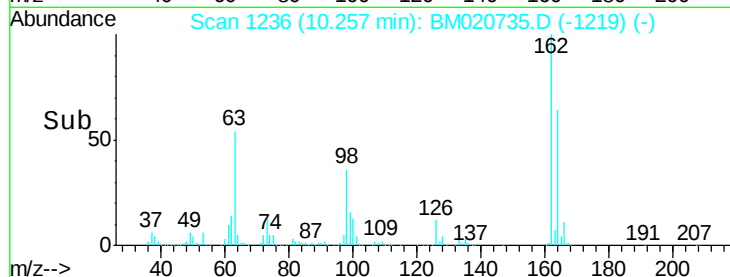
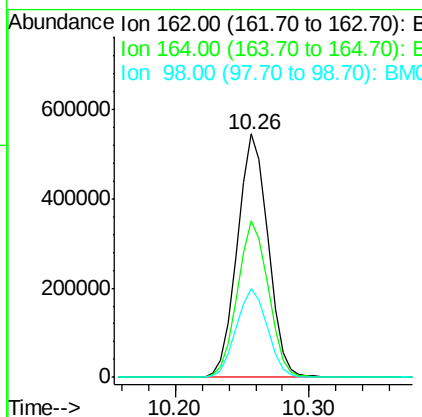
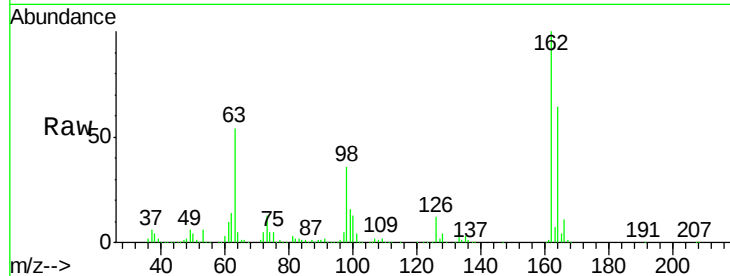
#29
2,4-Dichlorophenol
Concen: 45.917 ng
RT: 10.26 min Scan# 1236
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Instrument :
BNA_M
ClientSampleId :
PB120137BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	871514		
164	64.2	45.5	85.5	
98	36.4	16.7	56.7	

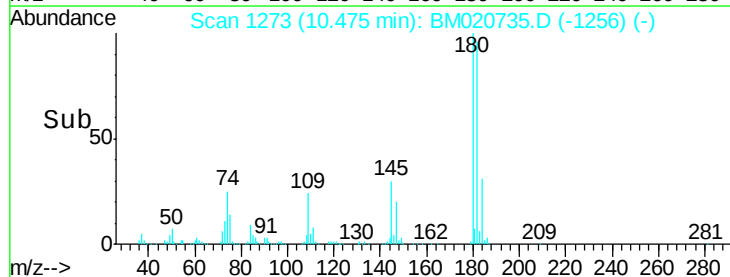
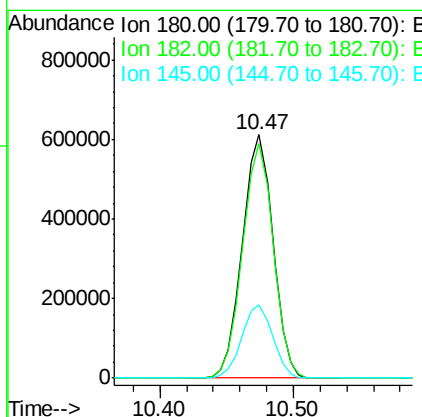
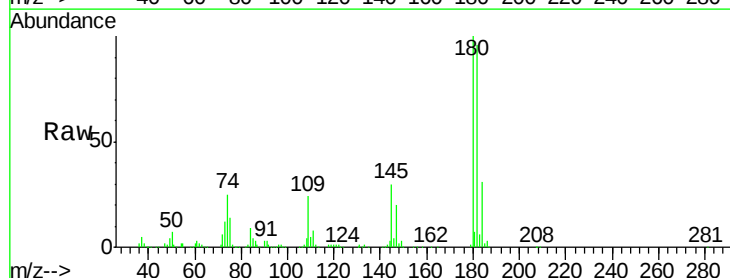
Manual Integrations
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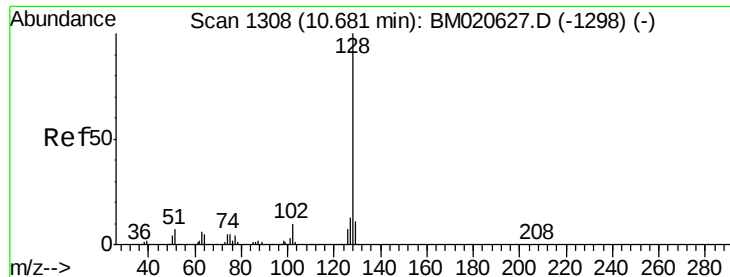
mohammad
6/6/2019 11:21:38 AM



#30
1,2,4-Trichlorobenzene
Concen: 44.567 ng
RT: 10.47 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	972641		
182	96.2	77.8	116.8	
145	30.1	24.3	36.5	





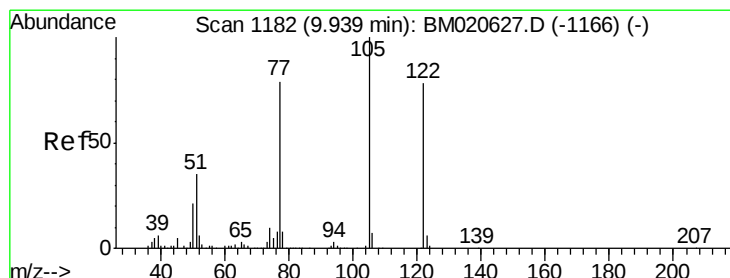
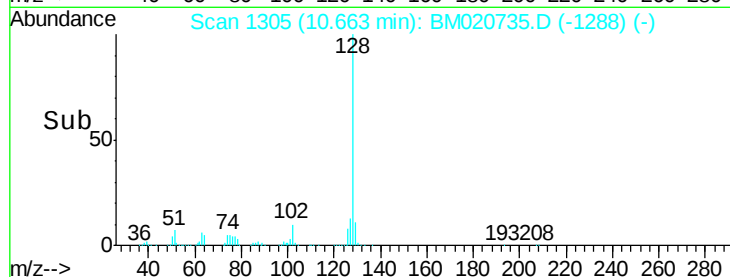
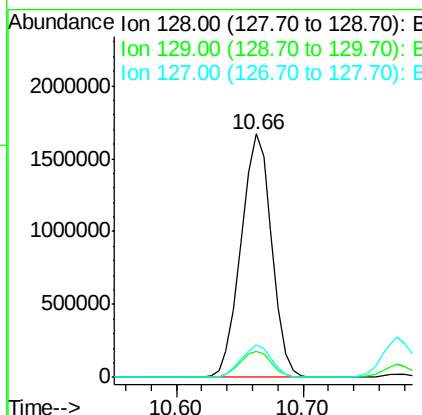
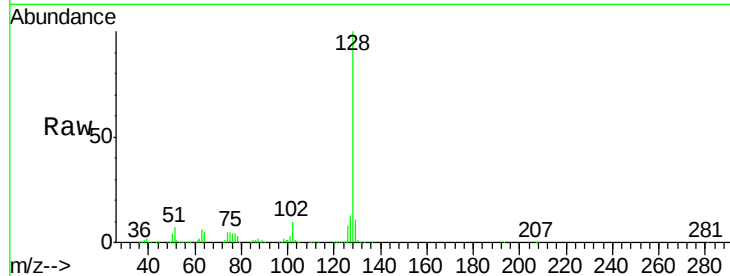
#31
Naphthalene
Concen: 43.655 ng
RT: 10.66 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Instrument :
BNA_M
ClientSampleId :
PB120137BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.4
127	13.5	10.5	15.7

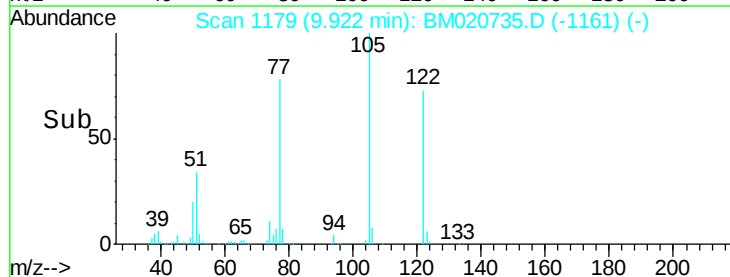
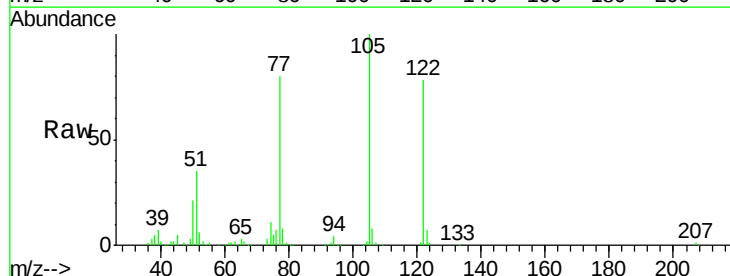
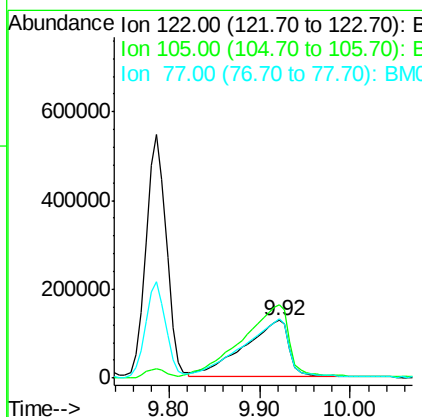
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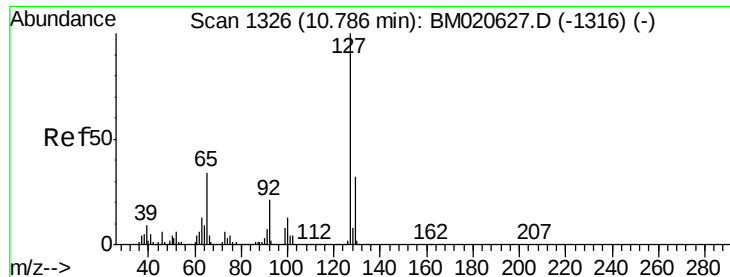
mohammad
6/6/2019 11:21:38 AM



#32
Benzoic acid
Concen: 41.368 ng
RT: 9.92 min Scan# 1179
Delta R.T. 0.01 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.7	108.0	148.0
77	102.8	82.2	122.2





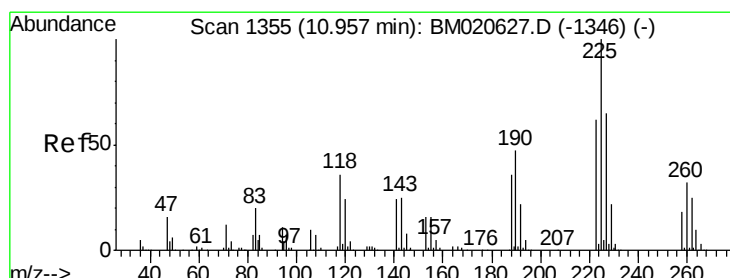
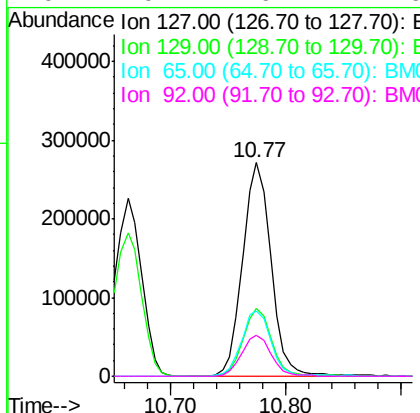
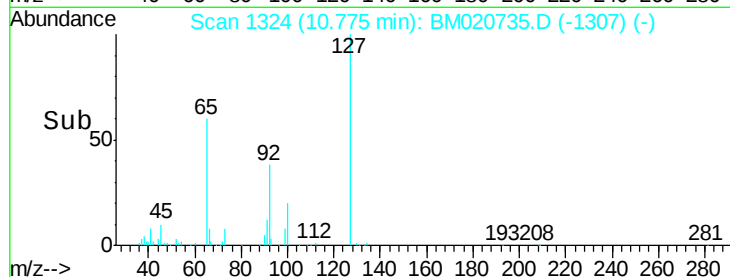
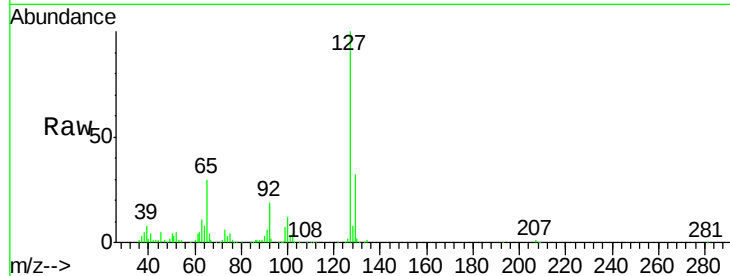
#33
4-Chloroaniline
Concen: 15.562 ng
RT: 10.77 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Instrument :
BNA_M
ClientSampleId :
PB120137BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.0	25.4	38.2		
65	30.4	25.3	37.9		
92	19.1	16.4	24.6		

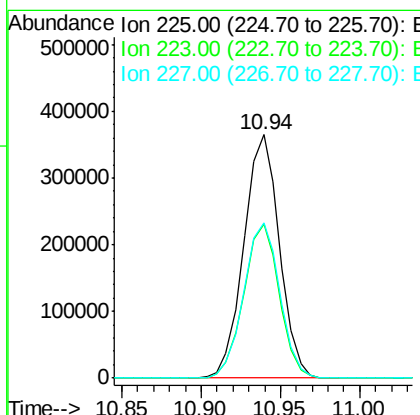
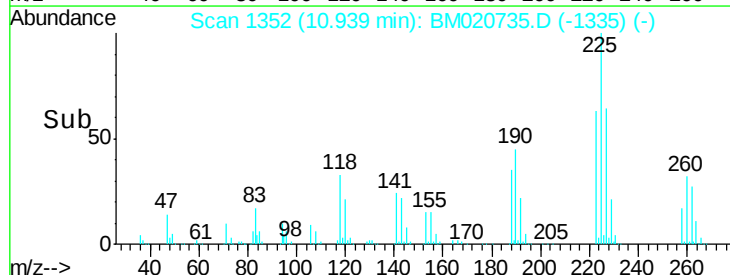
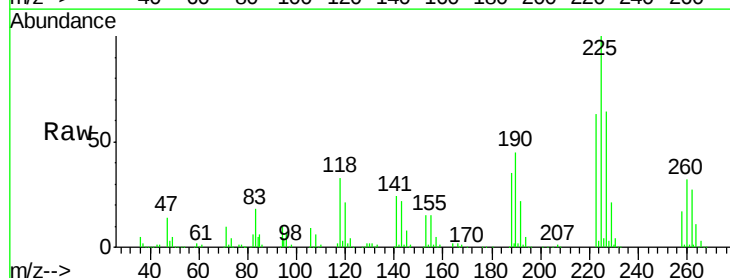
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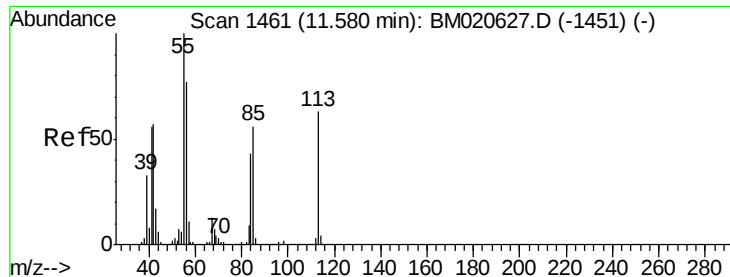
mohammad
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#34
Hexachlorobutadiene
Concen: 43.426 ng
RT: 10.94 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.1	49.6	74.4		
227	63.7	51.0	76.4		





#35

Caprolactam

Concen: 35.370 ng/mL

RT: 11.56 min Scan# 1458

Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

Instrument :

BNA_M

ClientSampleId :

PB120137BS

Tot Ion:113 Resp: 233218

Ion Ratio Lower Upper

113 100

55 153.1 141.1 181.1

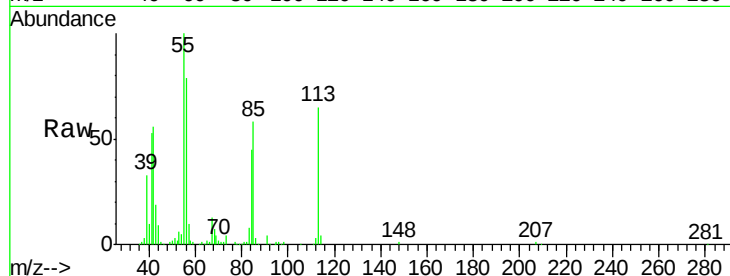
56 121.6 105.0 145.0

Manual Integrations

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mohammad

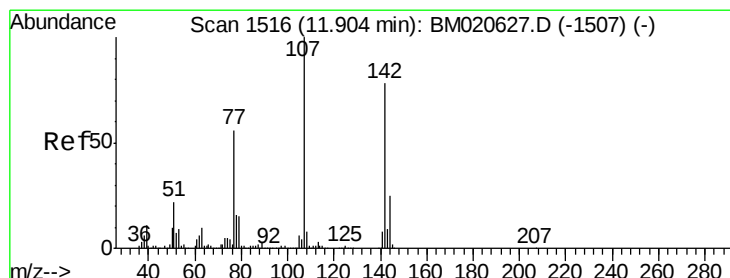
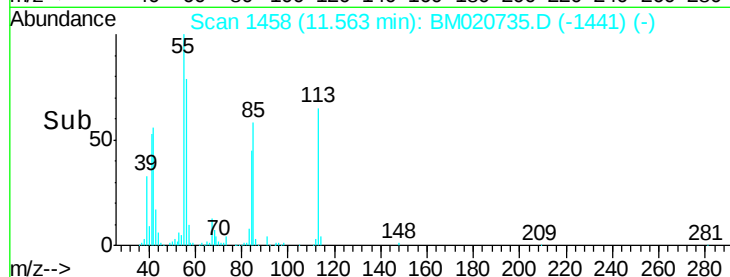
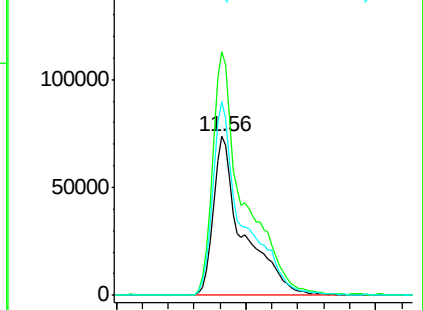
6/6/2019 11:21:38 AM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 39.441 ng/mL

RT: 11.89 min Scan# 1514

Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

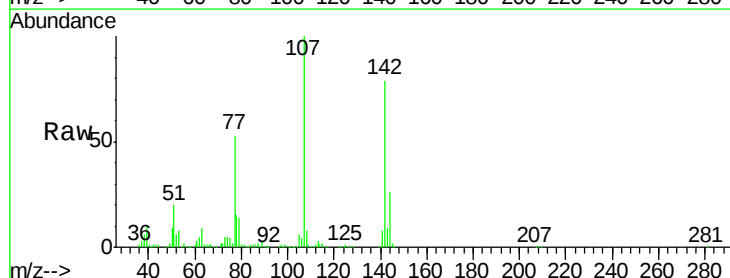
Tgt Ion:107 Resp: 870368

Ion Ratio Lower Upper

107 100

144 25.7 20.6 31.0

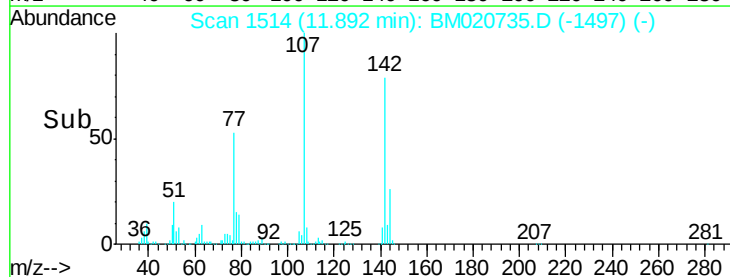
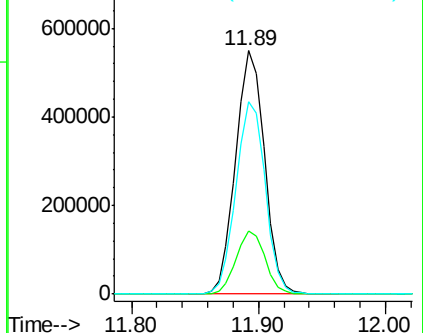
142 78.8 63.3 94.9

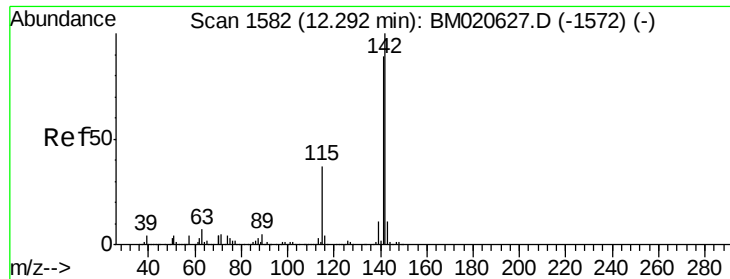


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





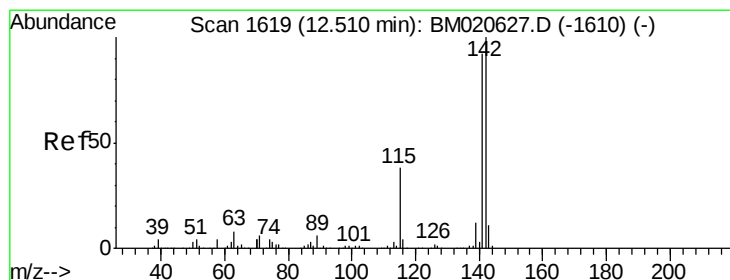
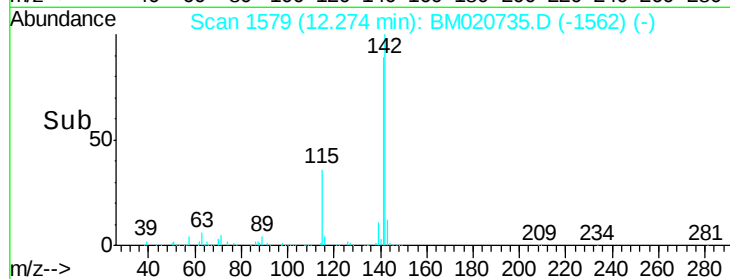
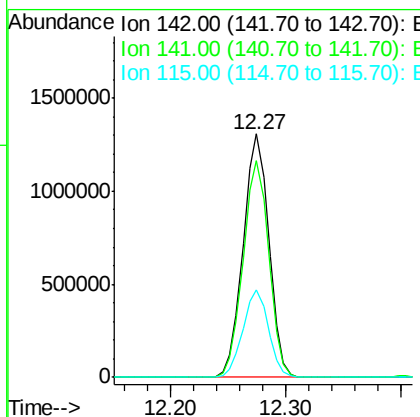
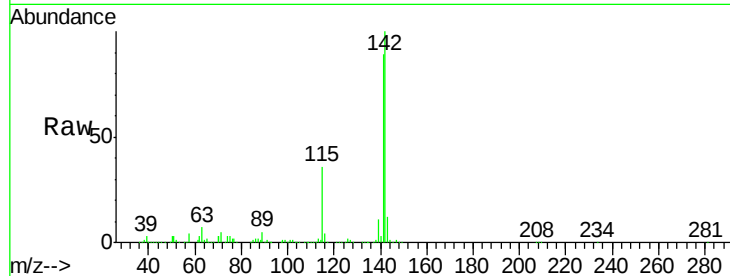
#37
2-Methylnaphthalene
Concen: 42.539 ng
RT: 12.27 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Instrument :
BNA_M
ClientSampleId :
PB120137BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.4	107.0
115	35.7	28.2	42.4

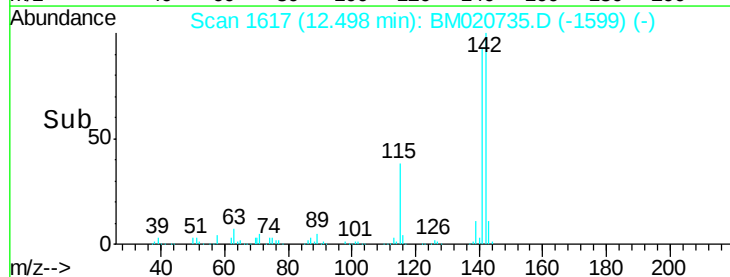
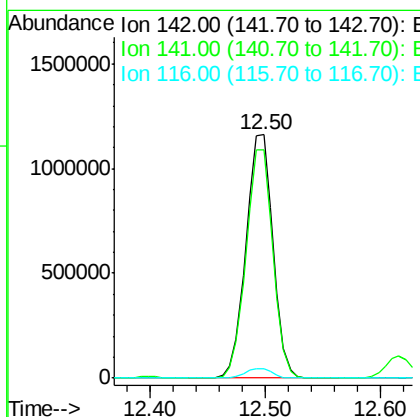
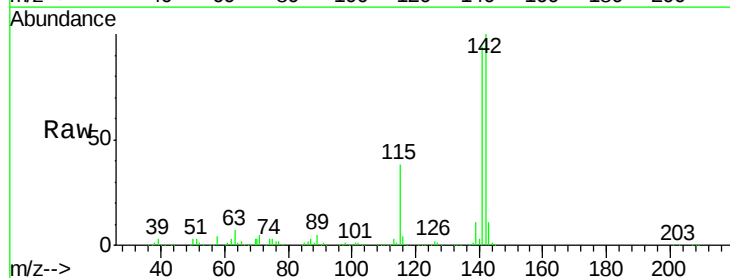
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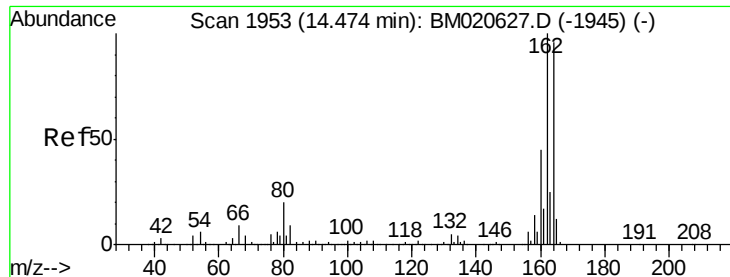
mohammad
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#38
1-Methylnaphthalene
Concen: 41.705 ng
RT: 12.50 min Scan# 1617
Delta R.T. 0.01 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	74.1	111.1
116	3.9	3.2	4.8





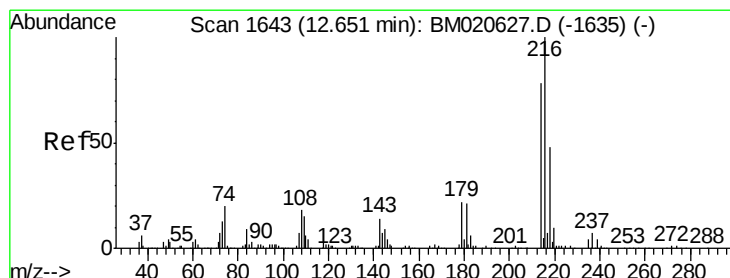
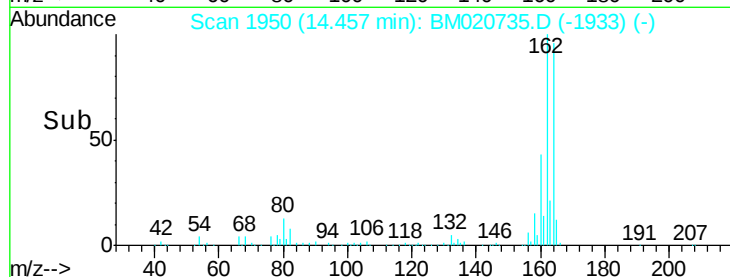
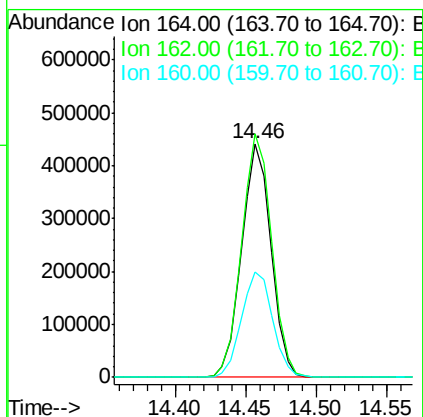
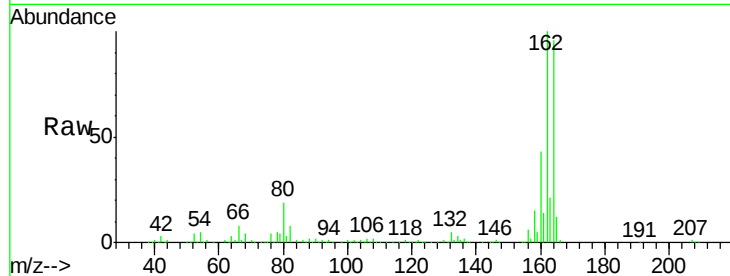
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Instrument :
BNA_M
ClientSampleId :
PB120137BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.2	83.5	125.3
160	44.9	37.2	55.8

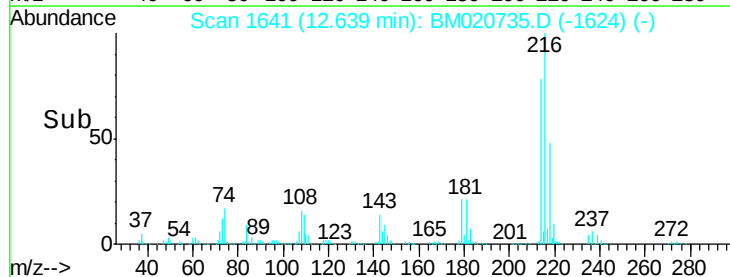
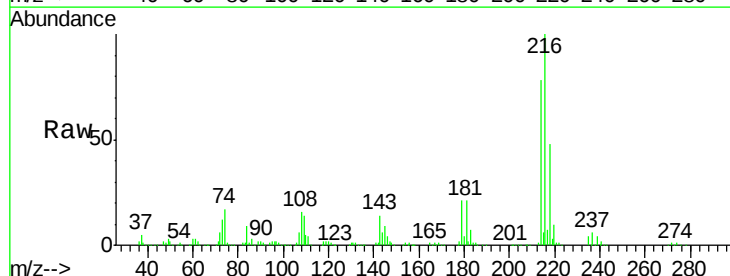
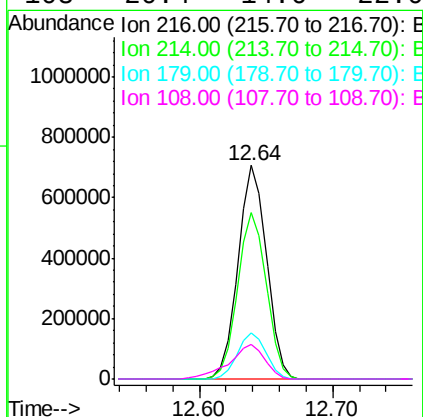
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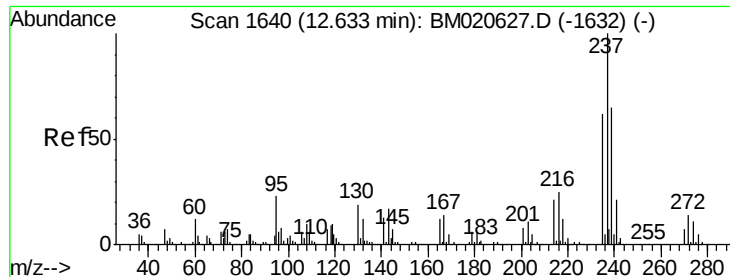
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.416 ng
RT: 12.64 min Scan# 1641
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.1	94.7
179	21.5	17.3	25.9
108	20.4	14.6	22.0





#41

Hexachlorocyclopentadiene

Concen: 104.807 ng

RT: 12.62 min Scan# 1637

Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

Instrument :

BNA_M

ClientSampleId :

PB120137BS

Tot Ion:237 Resp: 1323770

Ion Ratio Lower Upper

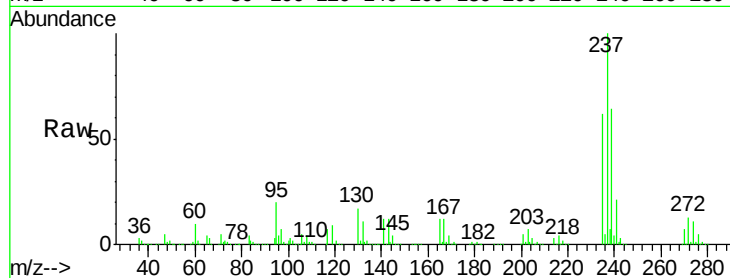
237 100

235 62.3 41.7 81.7

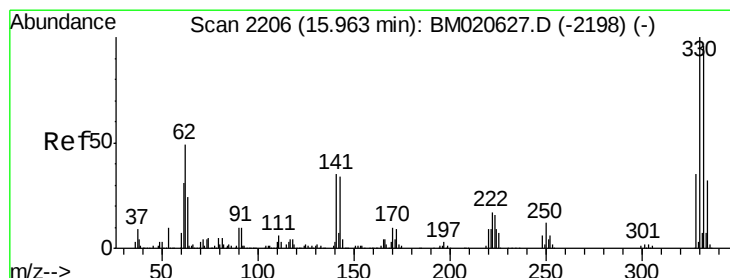
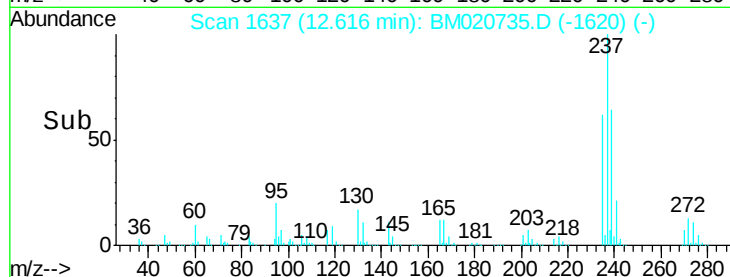
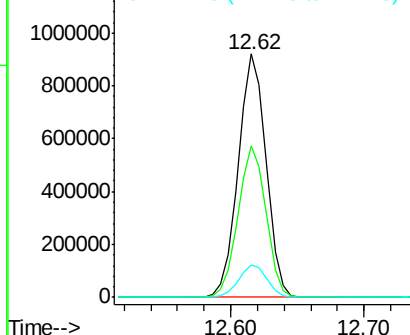
272 13.4 0.0 33.0

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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: 134.848 ng

RT: 15.95 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

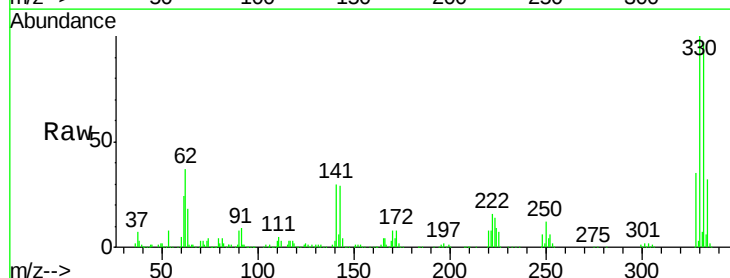
Tgt Ion:330 Resp: 1076690

Ion Ratio Lower Upper

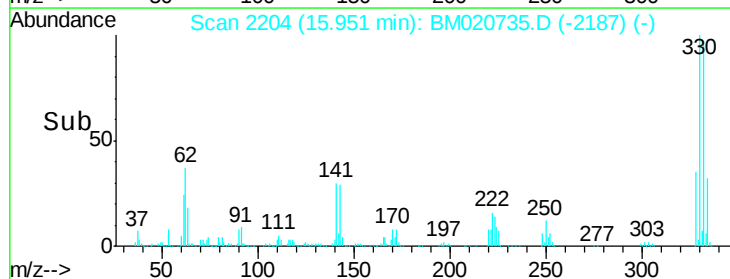
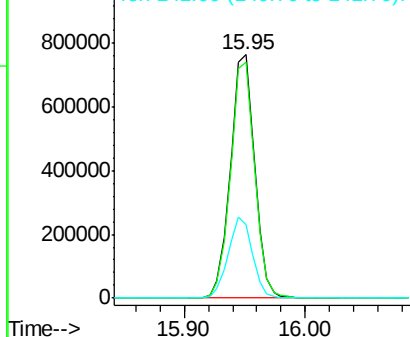
330 100

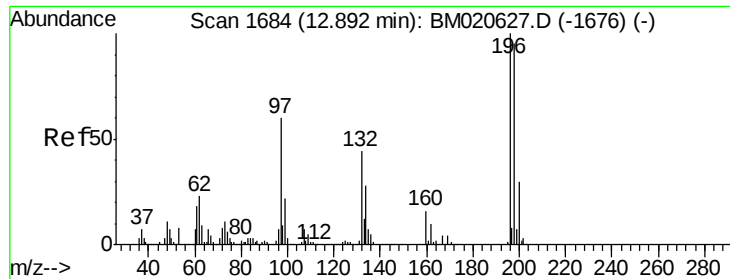
332 96.6 77.0 115.4

141 33.2 27.7 41.5



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





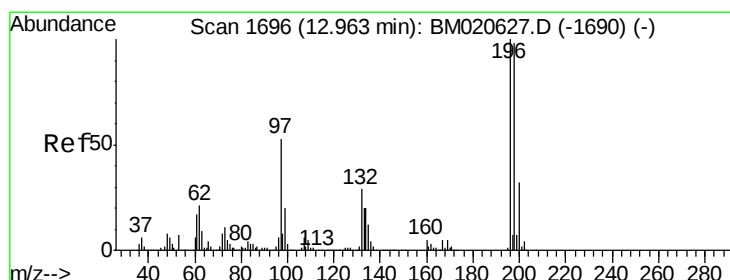
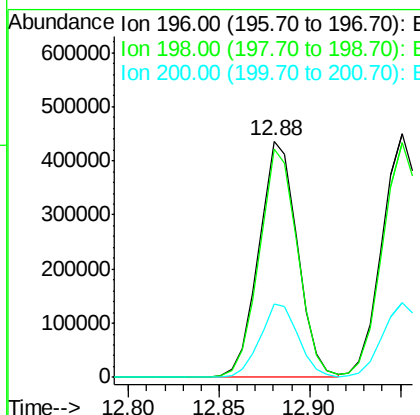
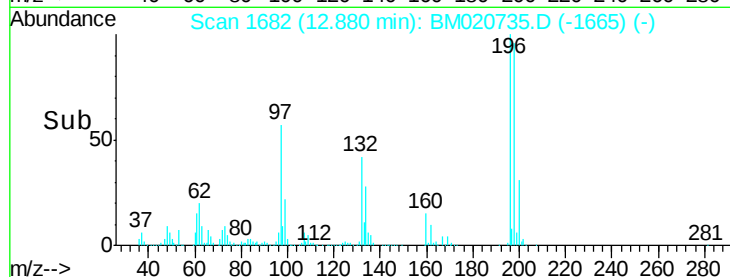
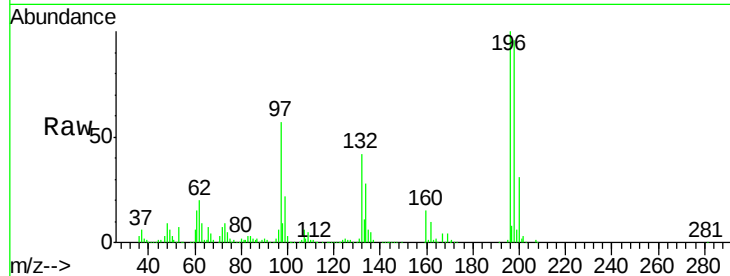
#43
 2,4,6-Trichlorophenol
 Concen: 47.436 ng
 RT: 12.88 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BM020735.D
 Acq: 05 Jun 2019 14:19

Instrument :
 BNA_M
 ClientSampleId :
 PB120137BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	644832		
198	96.5	76.4	114.6	
200	31.1	24.6	37.0	

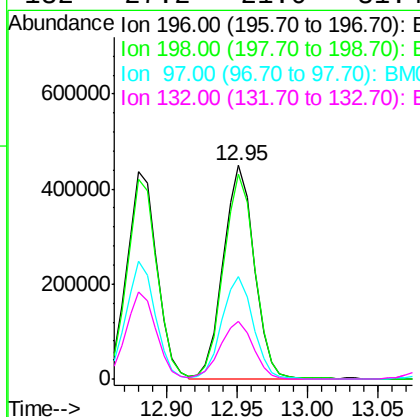
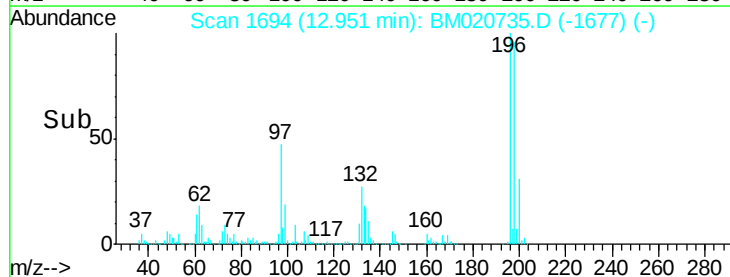
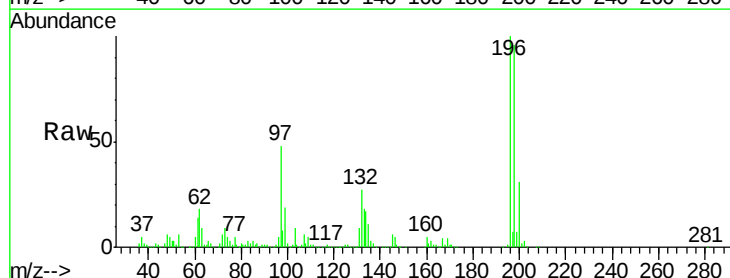
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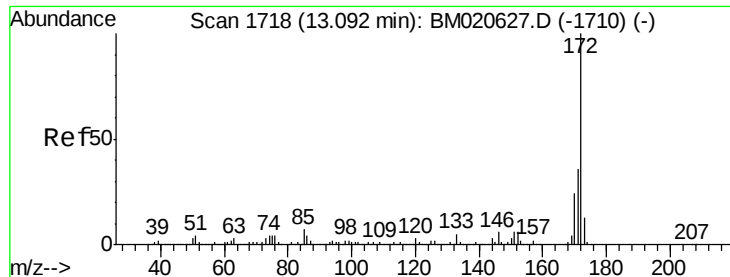
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 48.673 ng
 RT: 12.95 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BM020735.D
 Acq: 05 Jun 2019 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	683080		
198	96.2	76.0	114.0	
97	47.7	39.8	59.8	
132	27.2	21.0	31.4	





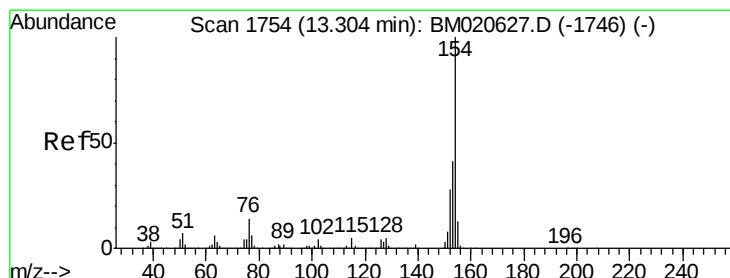
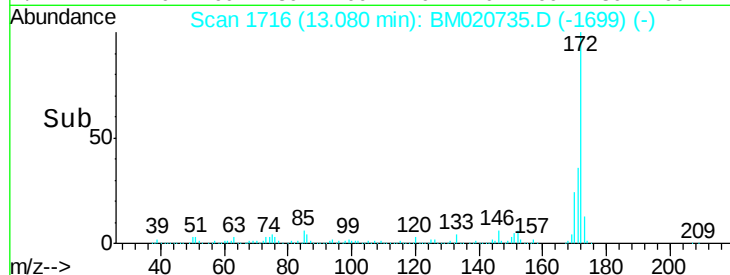
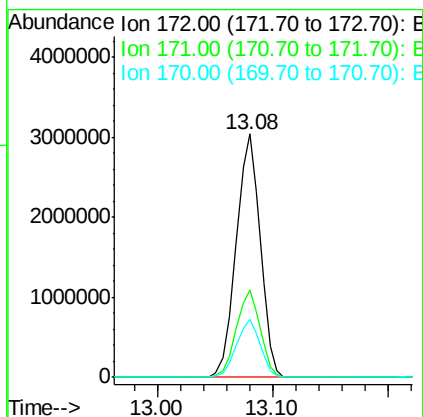
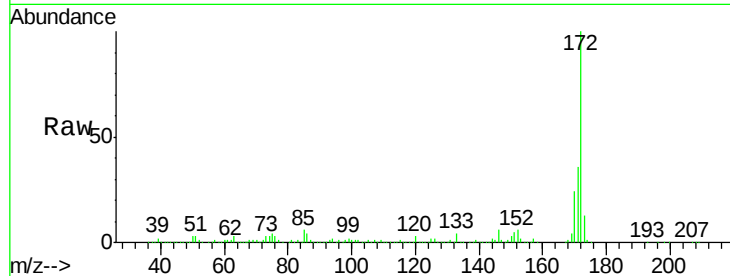
#45
2-Fluorobiphenyl
Concen: 90.162 ng
RT: 13.08 min Scan# 1716
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Instrument :
BNA_M
ClientSampleId :
PB120137BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.8	43.2
170	23.6	18.5	27.7

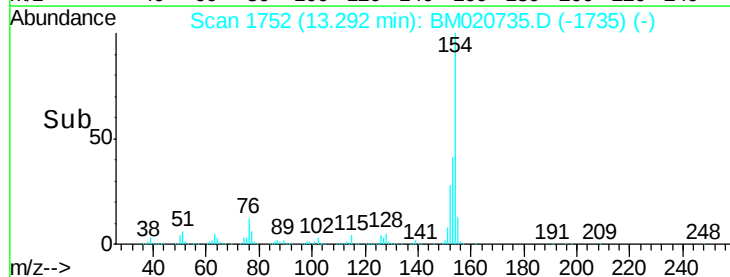
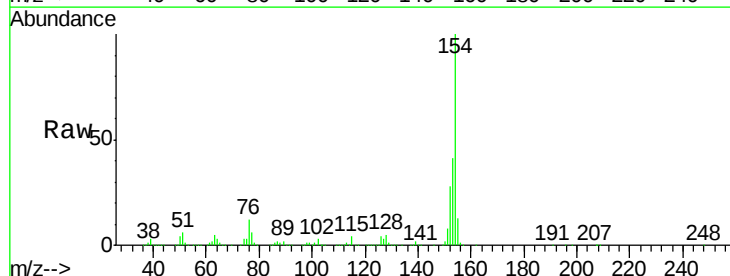
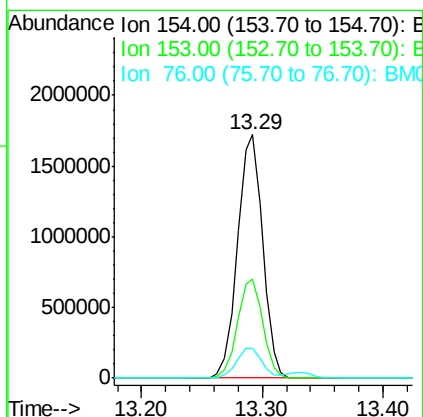
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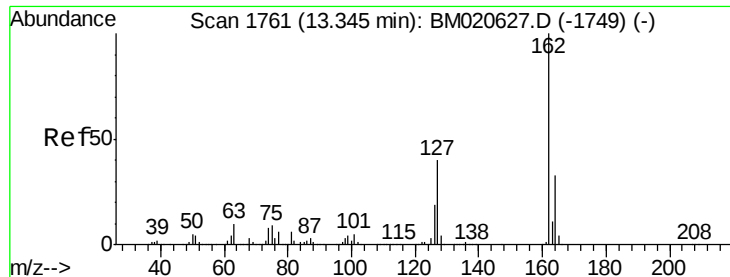
mohammad
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#46
1,1'-Biphenyl
Concen: 46.394 ng
RT: 13.29 min Scan# 1752
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.7	60.7
76	12.2	0.0	32.5





#47

2-Chloronaphthalene

Concen: 44.569 ng

RT: 13.33 min Scan# 1759

Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

Instrument :

BNA_M

ClientSampleId :

PB120137BS

Tot Ion: 162 Resp: 1935987

Ion Ratio Lower Upper

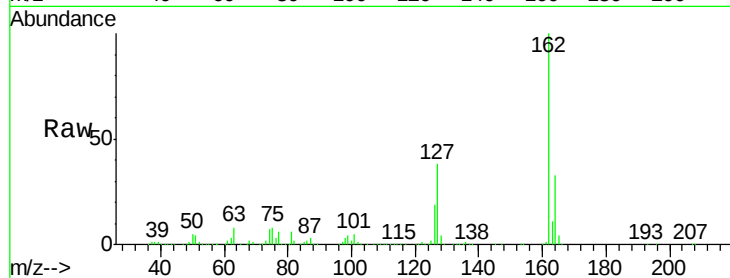
162 100

127 38.0 31.1 46.7

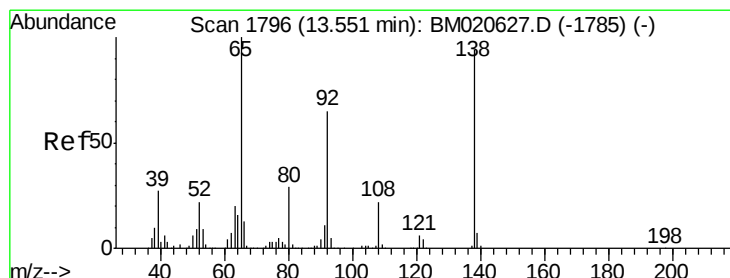
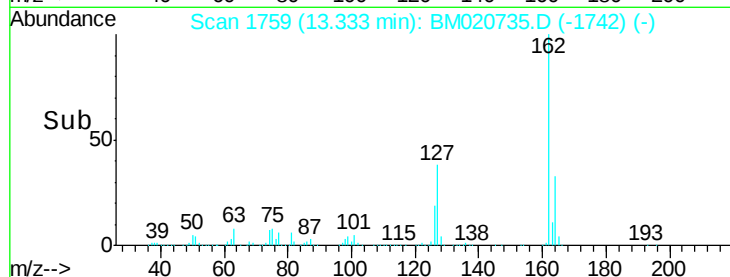
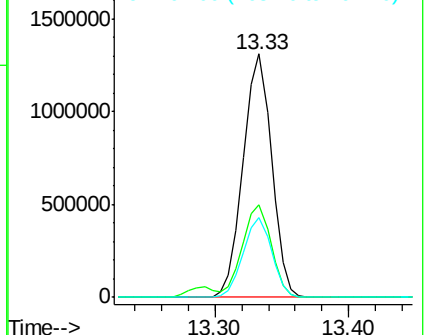
164 32.5 26.1 39.1

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



#48

2-Nitroaniline

Concen: 38.293 ng

RT: 13.54 min Scan# 1794

Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

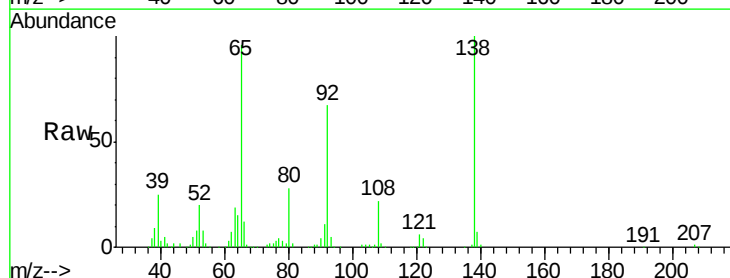
Tgt Ion: 65 Resp: 522077

Ion Ratio Lower Upper

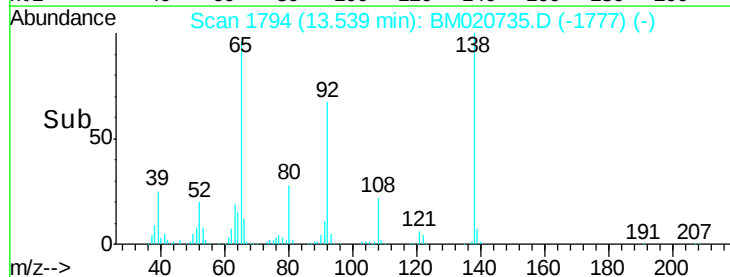
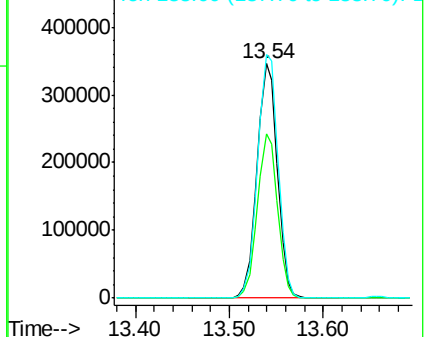
65 100

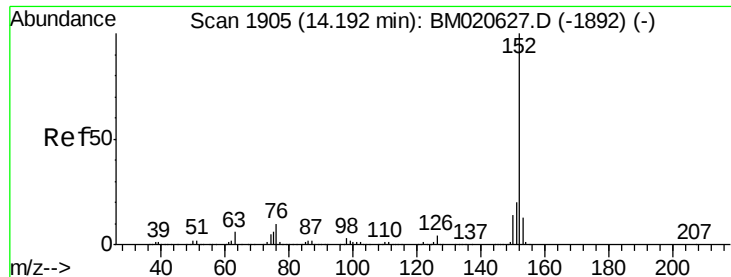
92 69.9 55.2 82.8

138 103.9 82.6 124.0



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





#49

Acenaphthylene

Concen: 44.157 ng

RT: 14.18 min Scan# 1903

Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

Instrument :

BNA_M

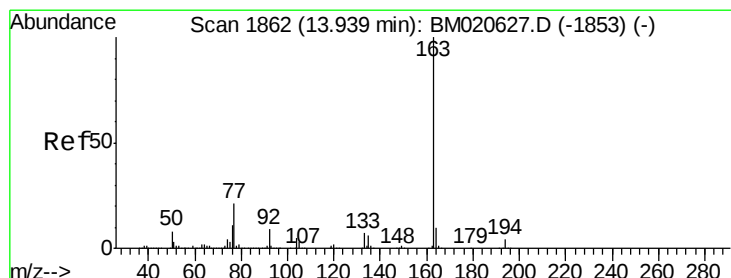
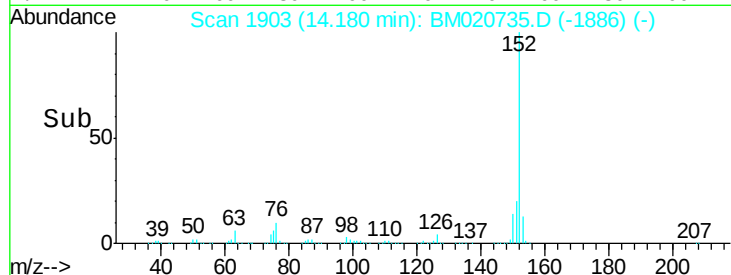
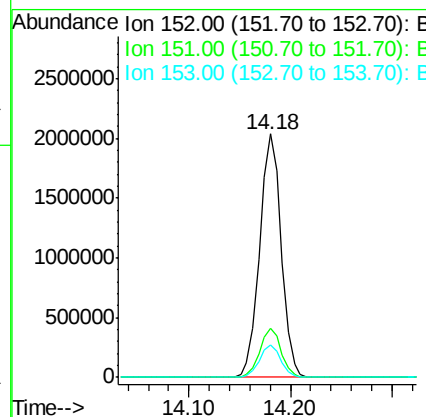
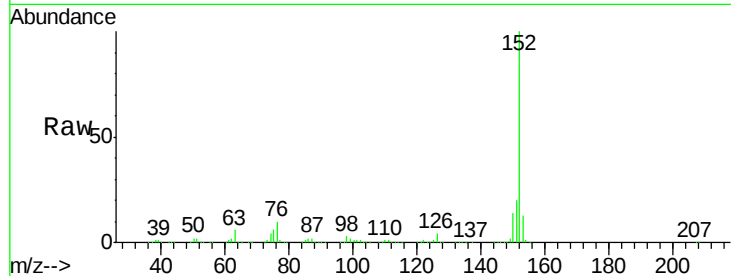
ClientSampleId :

PB120137BS

Tot Ion:	152	Resp:	2992841
Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.2
153	13.2	10.6	15.8

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#50

Dimethylphthalate

Concen: 40.506 ng

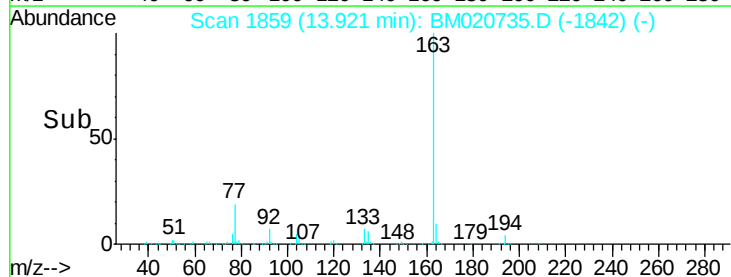
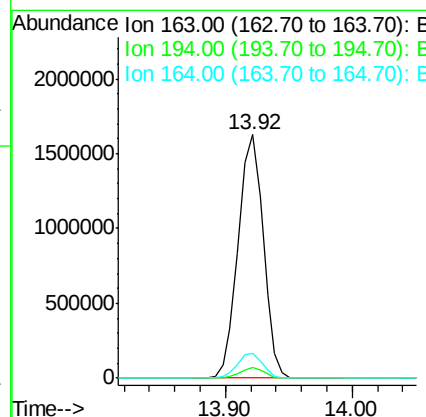
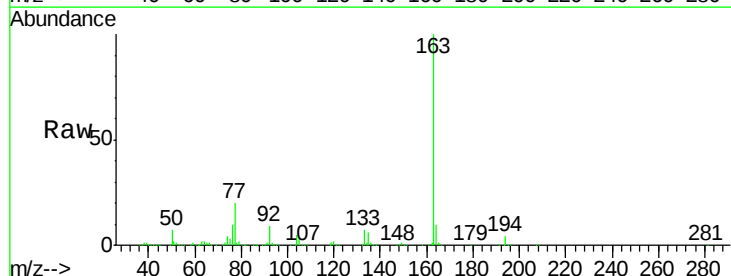
RT: 13.92 min Scan# 1859

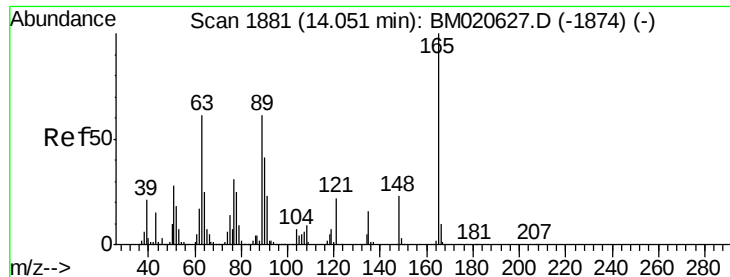
Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

Tgt Ion:	163	Resp:	2230169
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	10.0	8.2	12.4





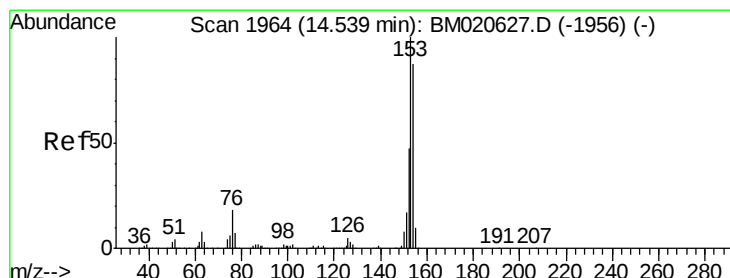
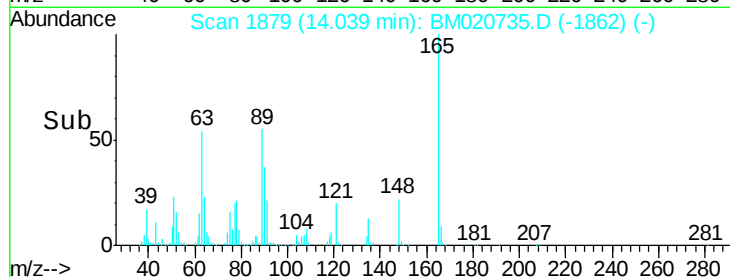
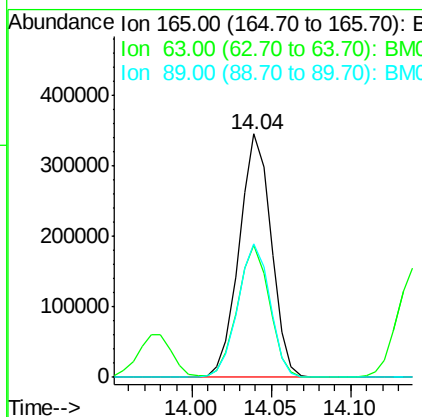
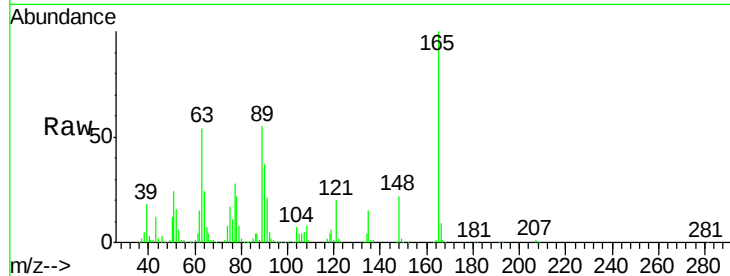
#51
2,6-Dinitrotoluene
Concen: 43.372 ng
RT: 14.04 min Scan# 1879
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Instrument :
BNA_M
ClientSampleId :
PB120137BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	484868		
63	54.4	45.0	67.6	
89	55.0	43.5	65.3	

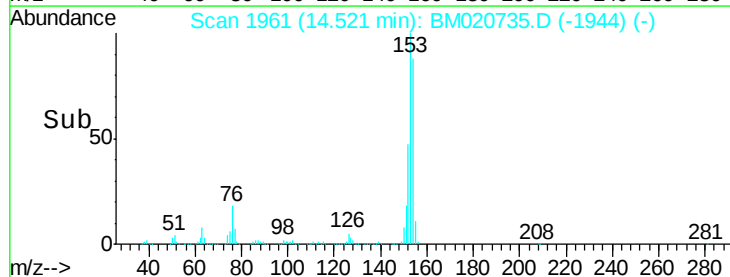
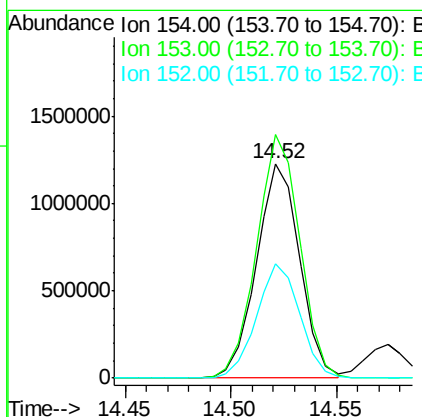
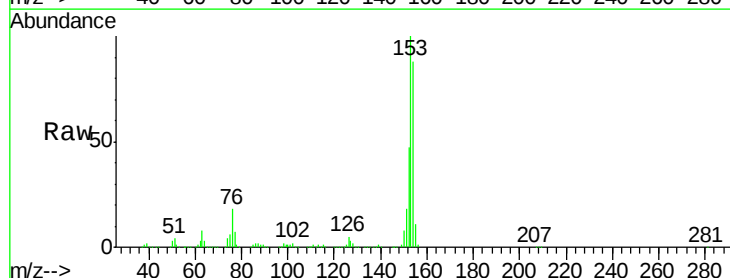
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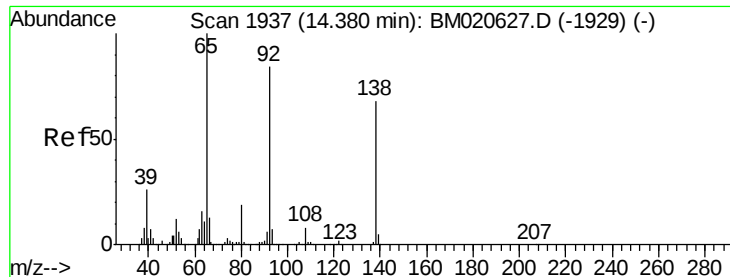
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#52
Acenaphthene
Concen: 43.218 ng
RT: 14.52 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1745614		
153	113.4	90.6	135.8	
152	53.2	42.6	63.8	





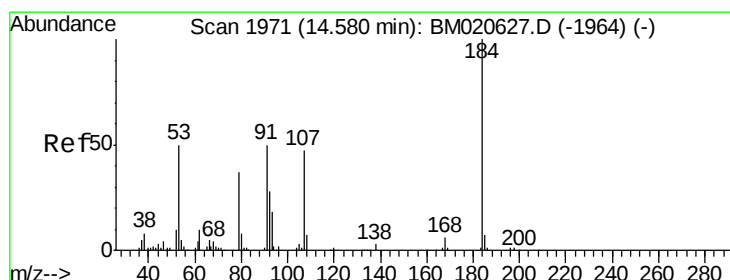
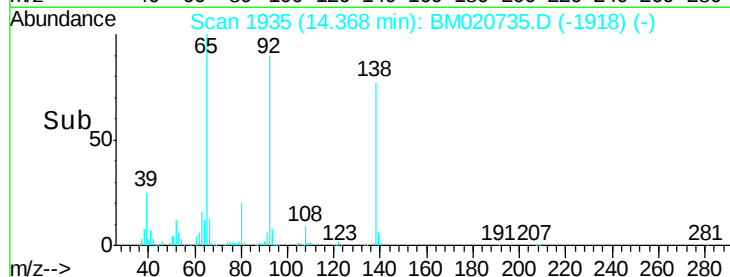
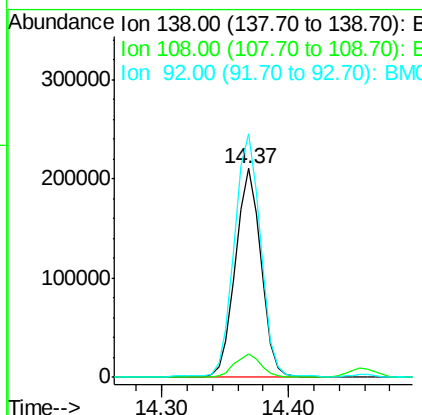
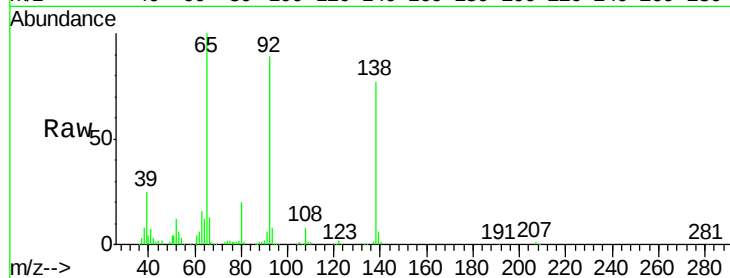
#53
3-Nitroaniline
Concen: 23.586 ng
RT: 14.37 min Scan# 1935
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Instrument :
BNA_M
ClientSampleId :
PB120137BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	8.9	13.3
92	116.6	95.2	142.8

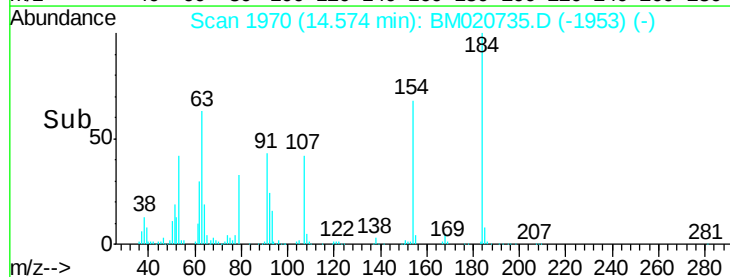
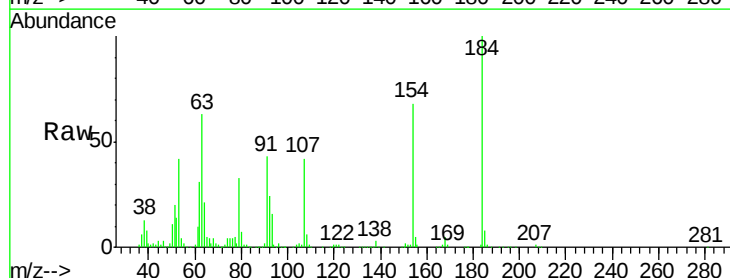
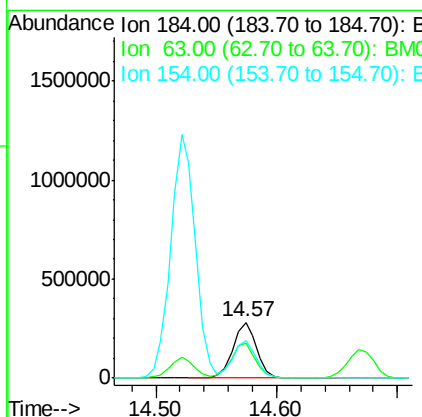
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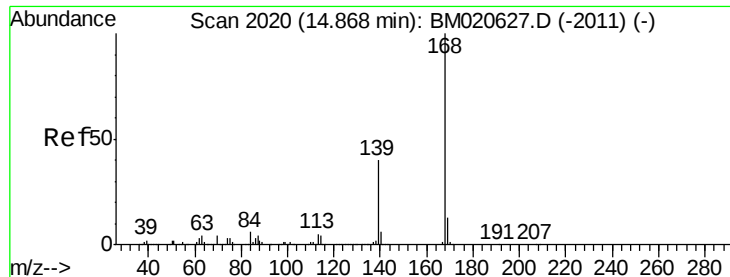
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#54
2,4-Dinitrophenol
Concen: 80.175 ng
RT: 14.57 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.5	49.8	74.8
154	68.4	55.4	83.2





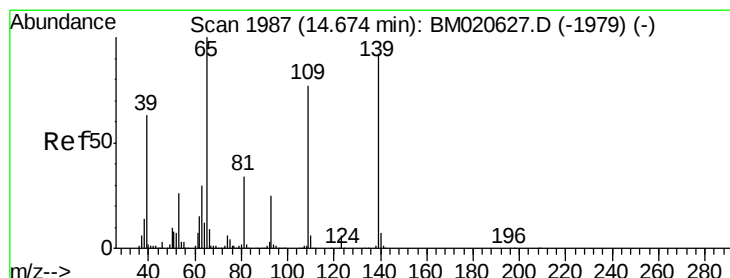
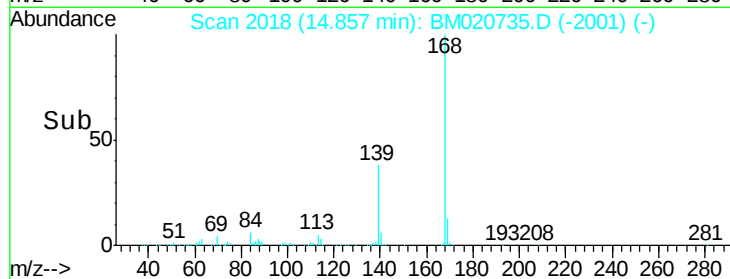
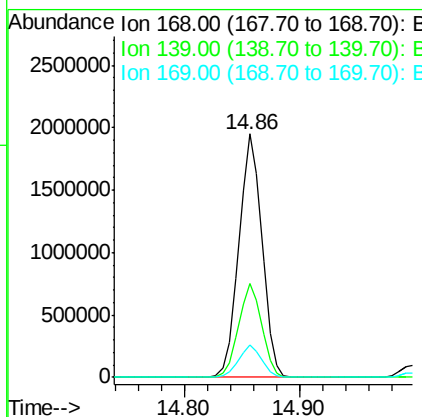
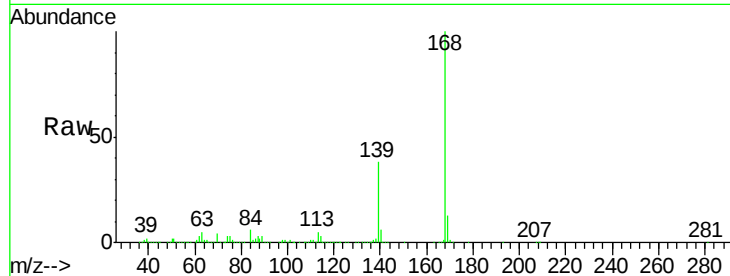
#55
Dibenzenofuran
Concen: 43.039 ng
RT: 14.86 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Instrument :
BNA_M
ClientSampleId :
PB120137BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.4	31.1	46.7
169	13.3	10.6	15.8

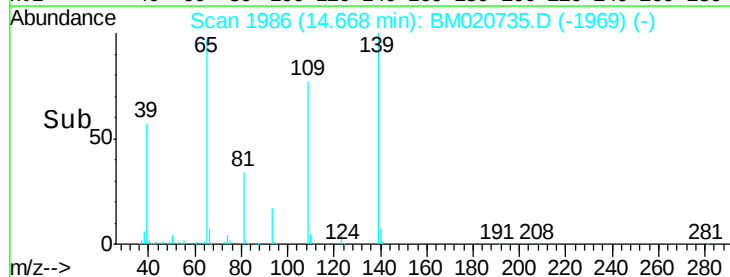
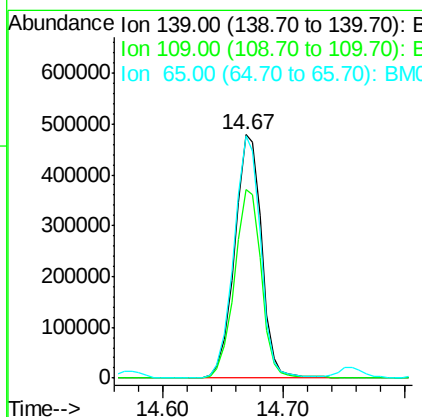
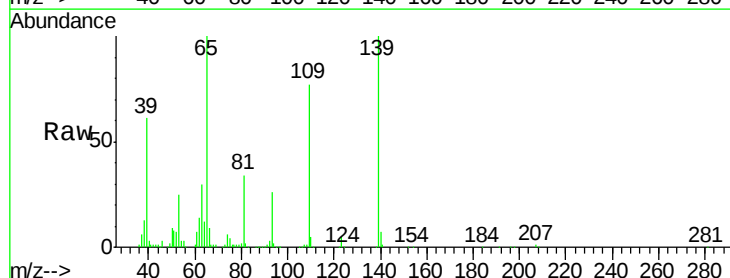
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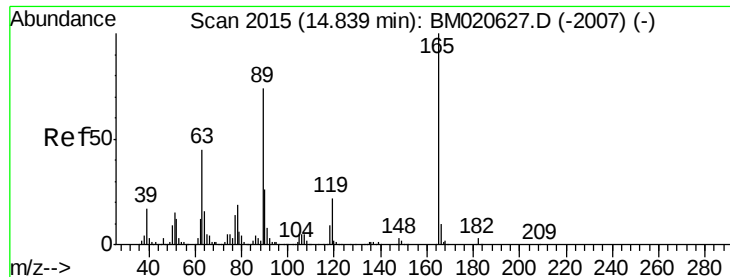
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#56
4-Nitrophenol
Concen: 80.969 ng
RT: 14.67 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Tgt Ion	Ratio	Lower	Upper
139	100		
109	77.4	58.0	98.0
65	99.7	78.3	118.3





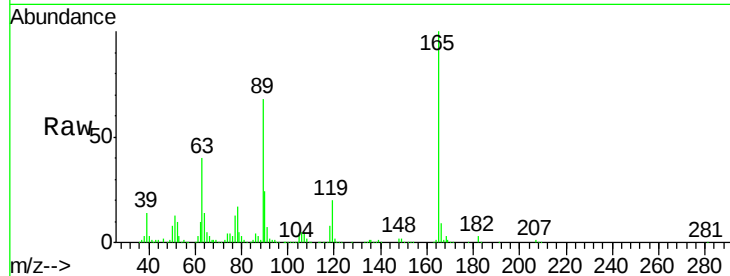
#57
2,4-Dinitrotoluene
Concen: 41.358 ng
RT: 14.83 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Instrument :
BNA_M
ClientSampleId :
PB120137BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.4	32.8	49.2
89	67.9	55.9	83.9
182	2.9	2.4	3.6

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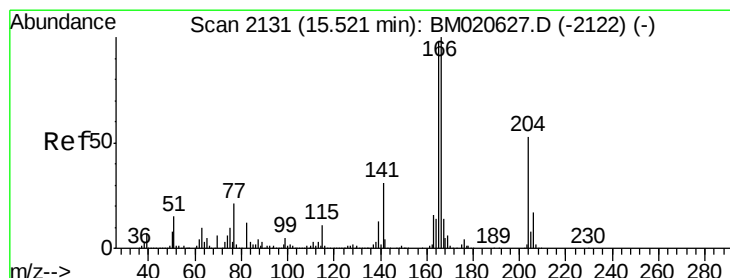
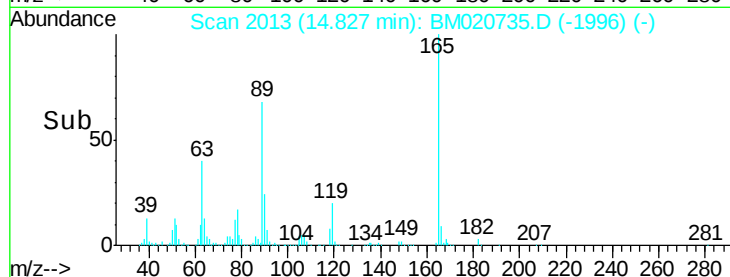
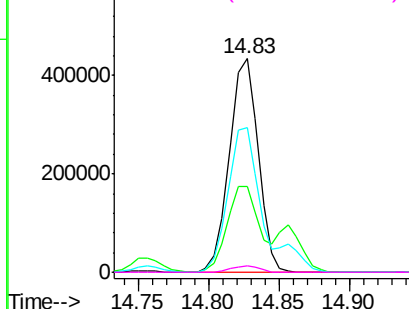


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0

Ion 182.00 (181.70 to 182.70): E



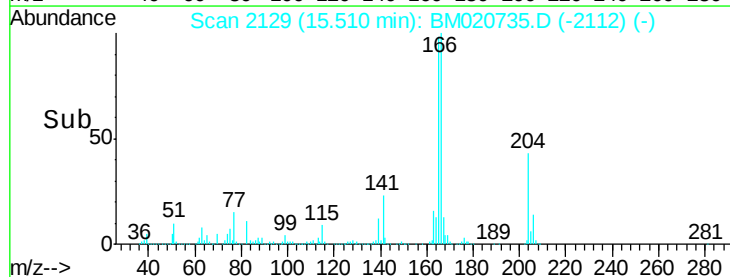
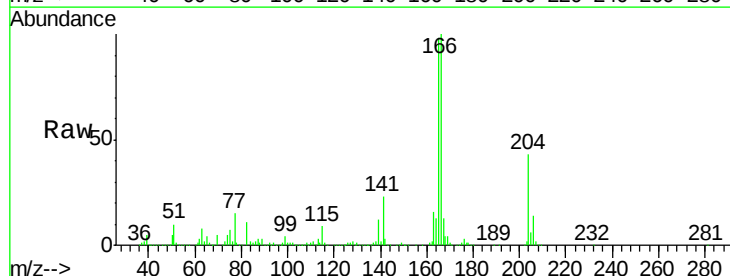
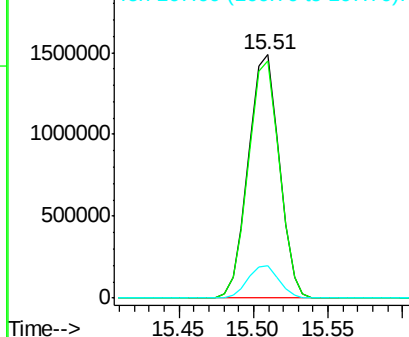
#58
Fluorene
Concen: 41.350 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

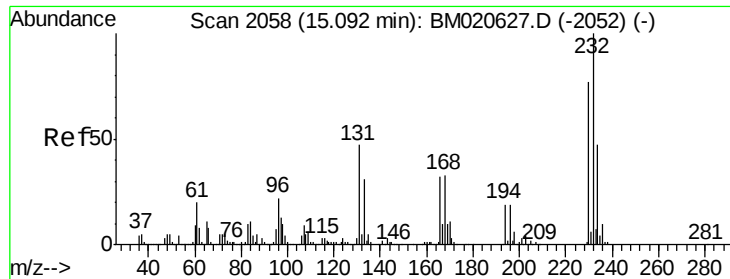
Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.6	79.4	119.2
167	13.4	10.8	16.2

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





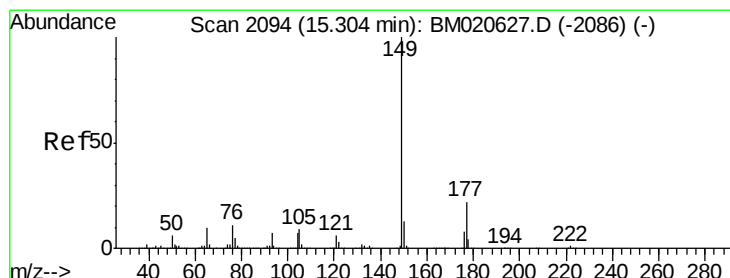
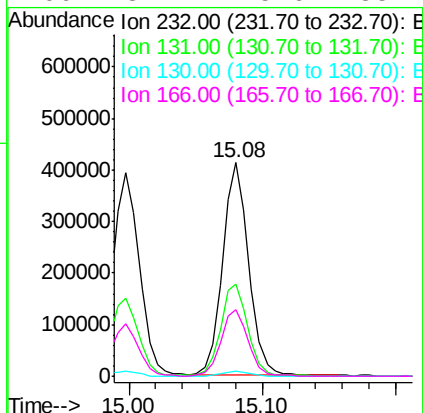
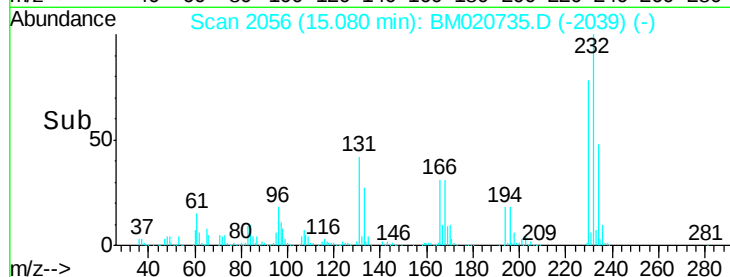
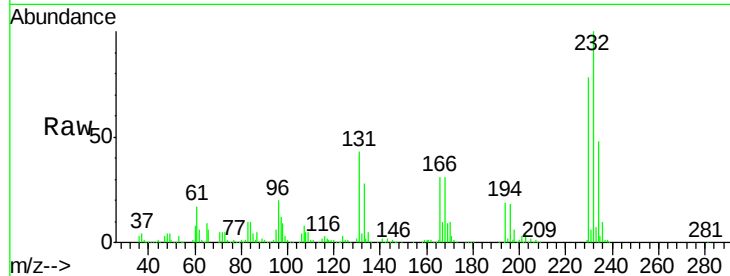
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.342 ng
 RT: 15.08 min Scan# 2056
 Delta R.T. -0.00 min
 Lab File: BM020735.D
 Acq: 05 Jun 2019 14:19

Instrument :
 BNA_M
 ClientSampleId :
 PB120137BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.4	36.9	55.3
130	2.5	2.0	3.0
166	32.4	25.6	38.4

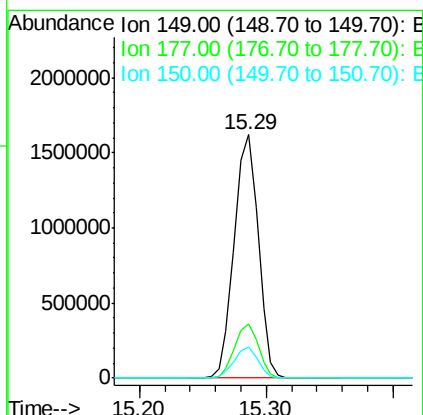
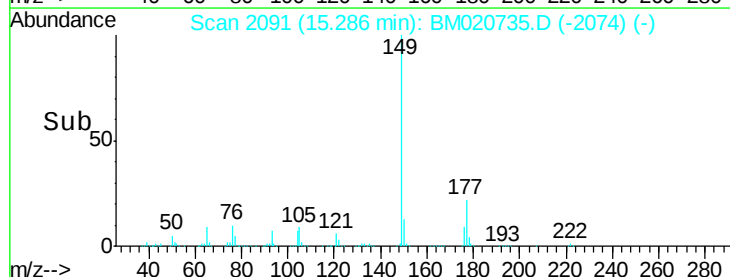
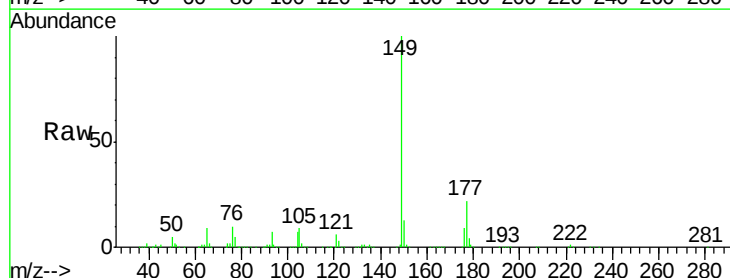
Manual Integrations
 APPROVED

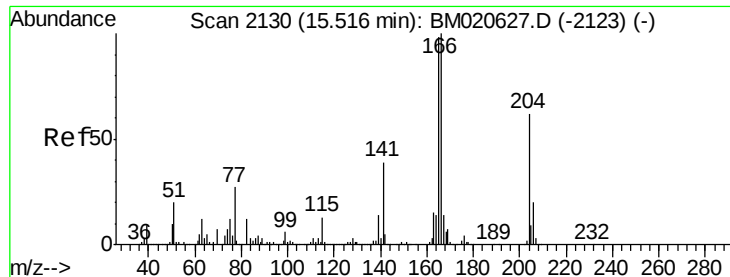
mohammad
 6/6/2019 11:21:38 AM



#60
 Diethylphthalate
 Concen: 37.526 ng
 RT: 15.29 min Scan# 2091
 Delta R.T. -0.00 min
 Lab File: BM020735.D
 Acq: 05 Jun 2019 14:19

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.4	26.2
150	12.7	10.0	15.0





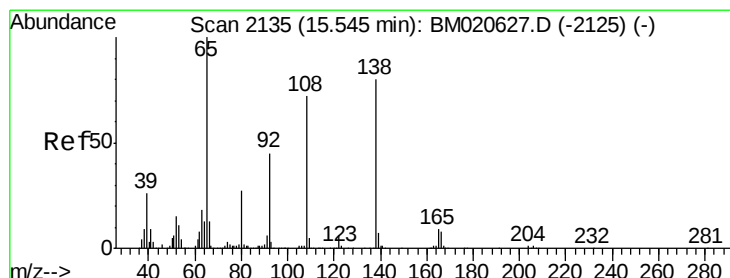
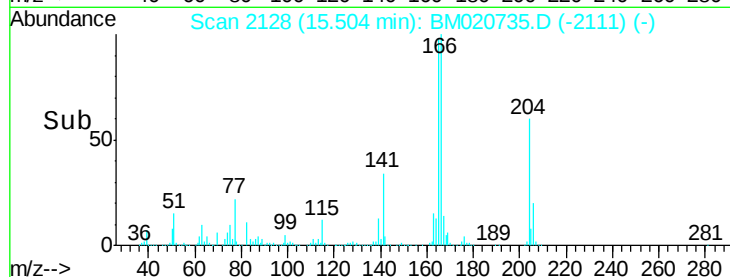
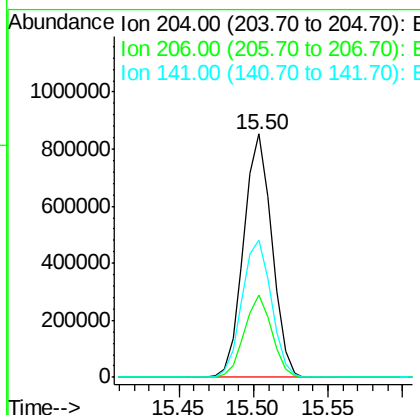
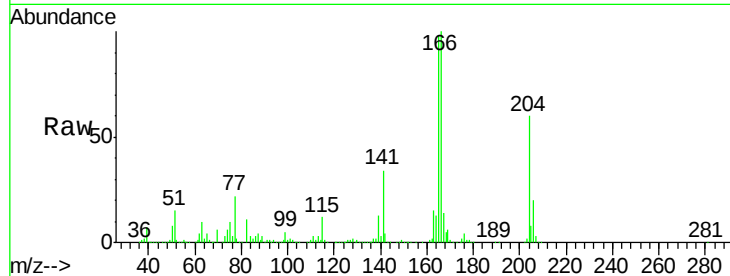
#61
4-Chlorophenyl-phenylether
Concen: 40.956 ng
RT: 15.50 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Instrument :
BNA_M
ClientSampled :
PB120137BS

Tot Ion:204 Resp: 1118698
Ion Ratio Lower Upper
204 100
206 33.6 26.1 39.1
141 56.6 46.7 70.1

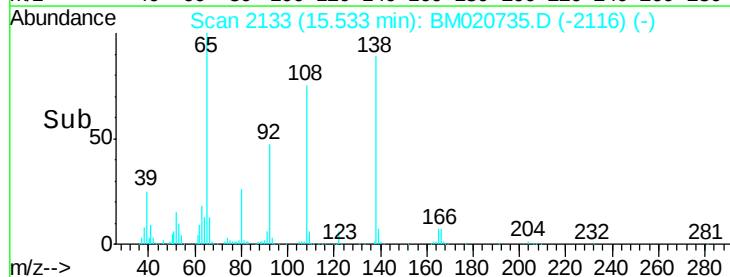
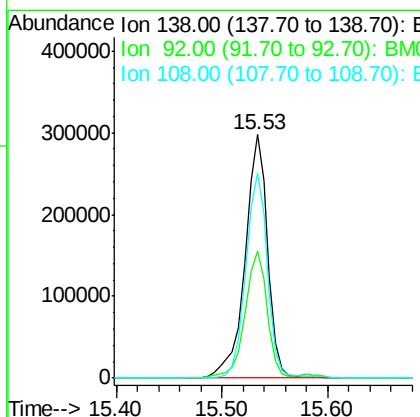
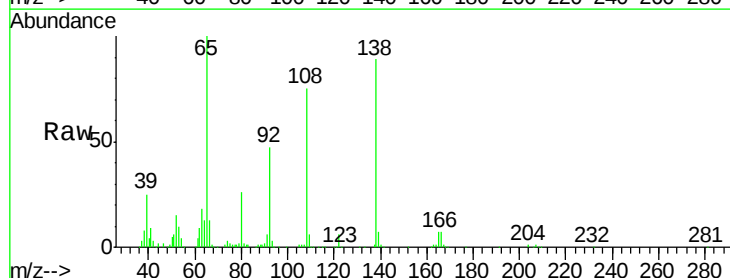
Manual Integrations
APPROVED

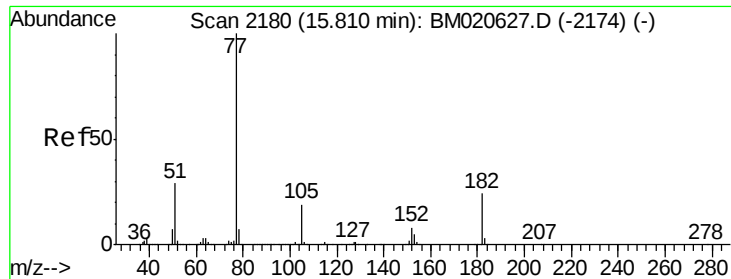
mohammad
6/6/2019 11:21:38 AM



#62
4-Nitroaniline
Concen: 33.548 ng
RT: 15.53 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Tgt Ion:138 Resp: 443971
Ion Ratio Lower Upper
138 100
92 52.4 33.2 73.2
108 84.0 64.1 104.1





#63

Azobenzene

Concen: 37.061 ng

RT: 15.80 min Scan# 2178

Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

Instrument :

BNA_M

ClientSampleId :

PB120137BS

Tot Ion: 77 Resp: 2017566

Ion Ratio Lower Upper

77 100

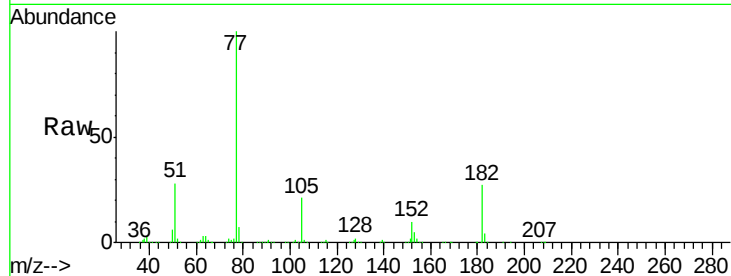
182 27.2 6.3 46.3

105 20.6 0.4 40.4

51 27.6 8.3 48.3

Manual Integrations
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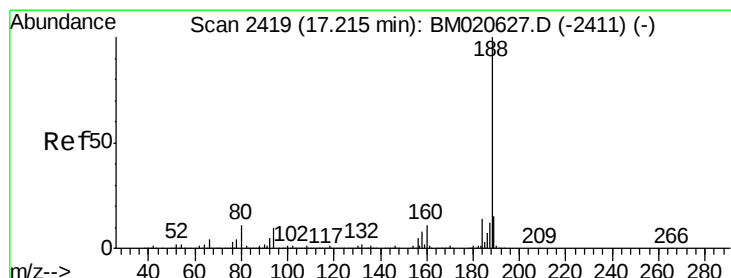
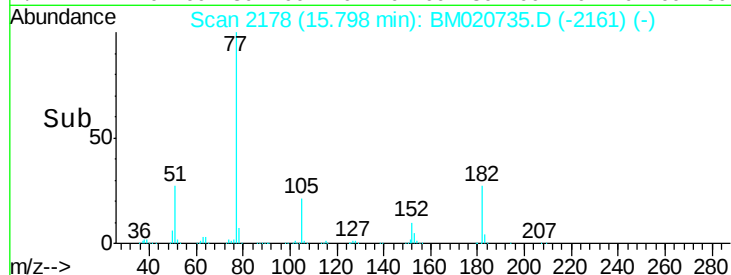
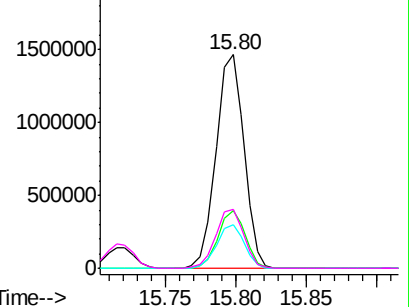


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.20 min Scan# 2417

Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

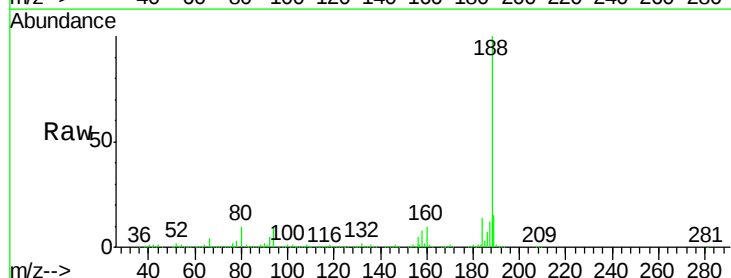
Tgt Ion: 188 Resp: 1218740

Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.4

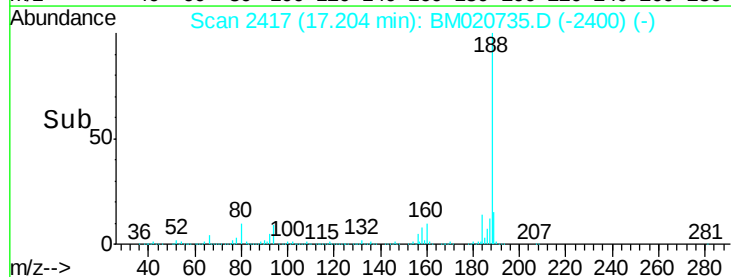
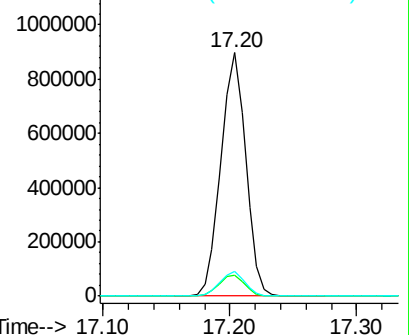
80 10.0 7.8 11.8

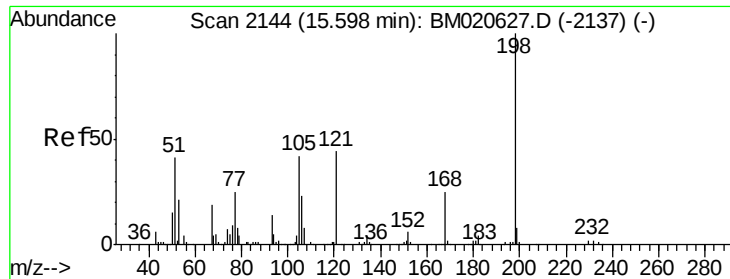


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





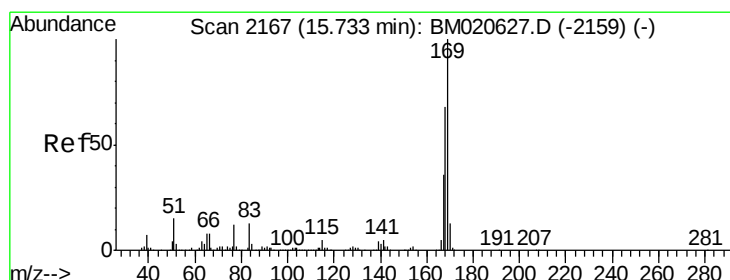
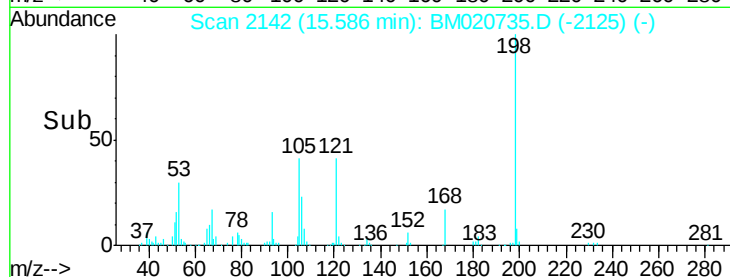
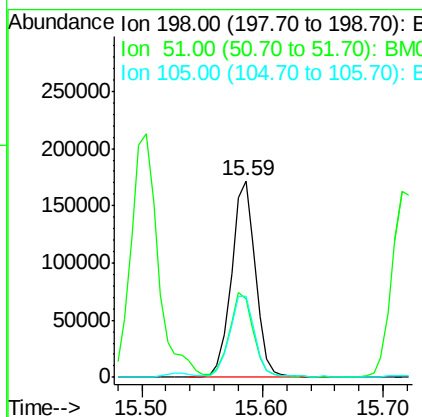
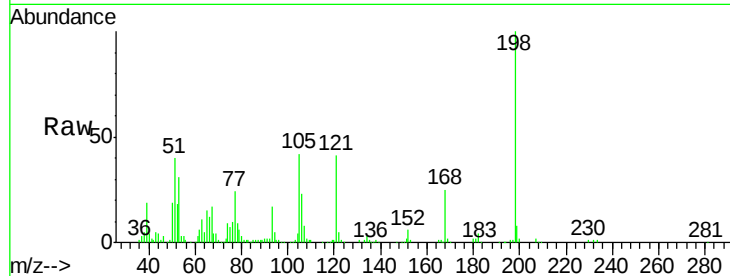
#65
4,6-Dinitro-2-methylphenol
Concen: 43.897 ng
RT: 15.59 min Scan# 2142
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Instrument :
BNA_M
ClientSampleId :
PB120137BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	238314		
51	39.9	21.6	61.6	
105	41.5	20.6	60.6	

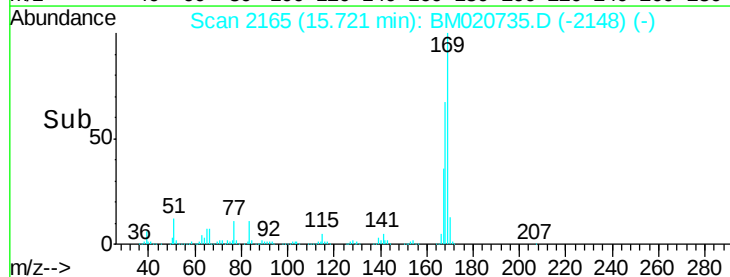
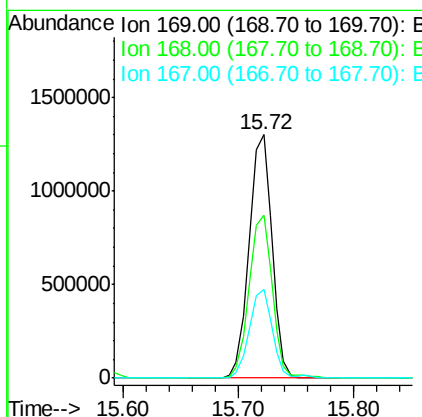
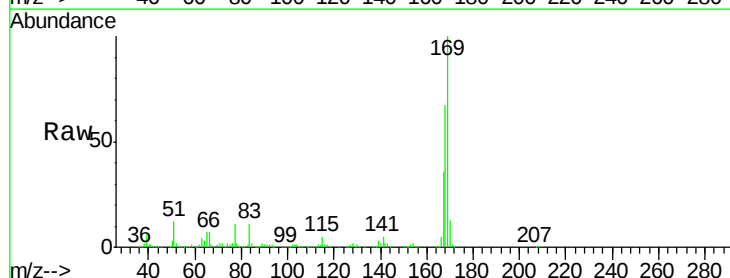
Manual Integrations
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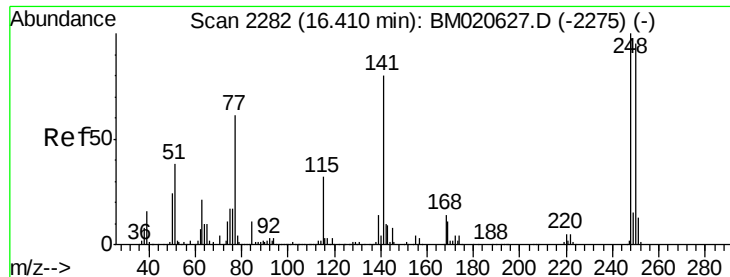
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 46.102 ng
RT: 15.72 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1798648		
168	67.1	54.7	82.1	
167	36.4	29.3	43.9	





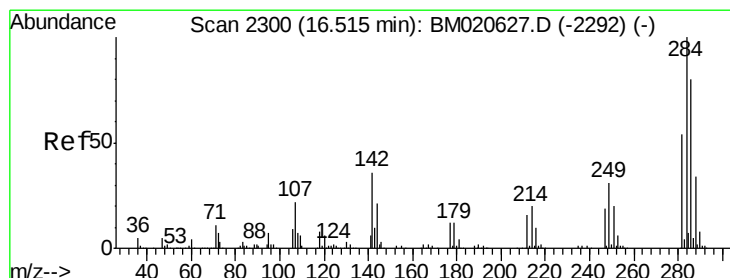
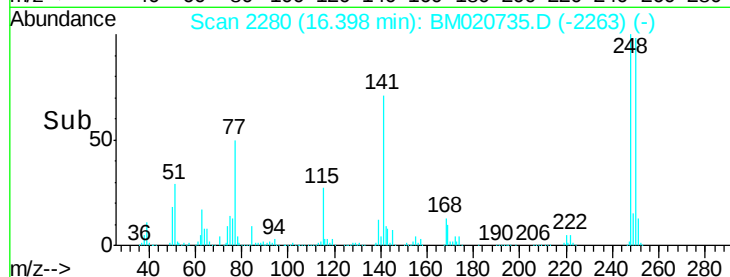
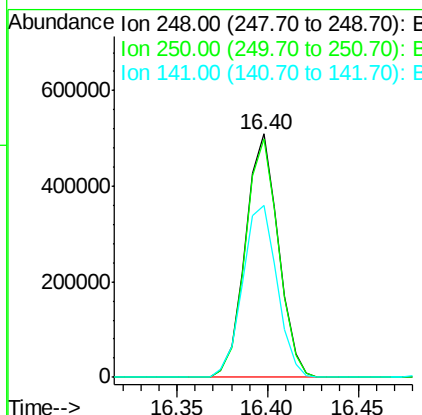
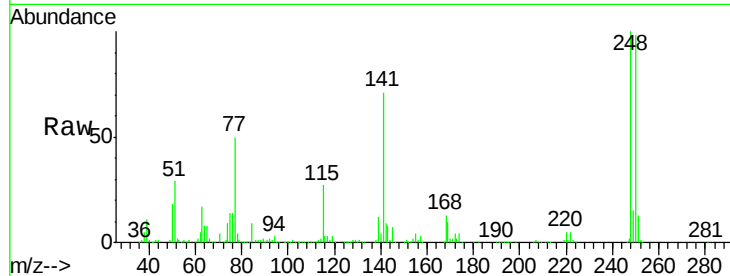
#67
4-Bromophenyl-phenylether
Concen: 44.735 ng
RT: 16.40 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Instrument :
BNA_M
ClientSampleId :
PB120137BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.1	77.4	116.2
141	70.8	58.2	87.2

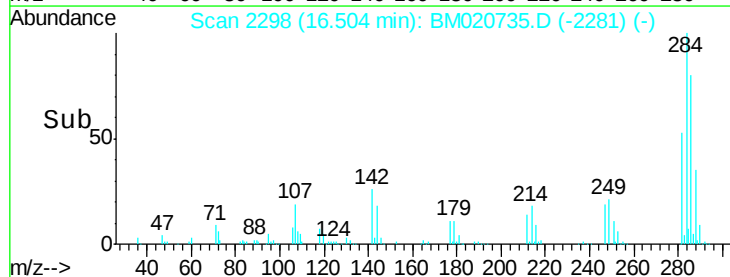
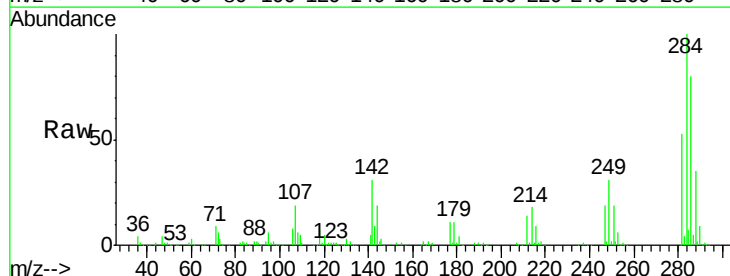
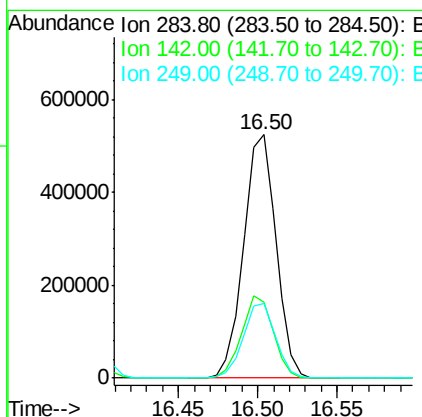
Manual Integrations
APPROVED

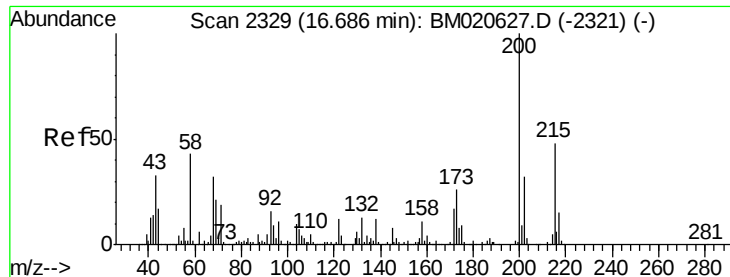
mohammad
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#68
Hexachlorobenzene
Concen: 44.495 ng
RT: 16.50 min Scan# 2298
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.1	25.4	38.0
249	30.7	24.9	37.3





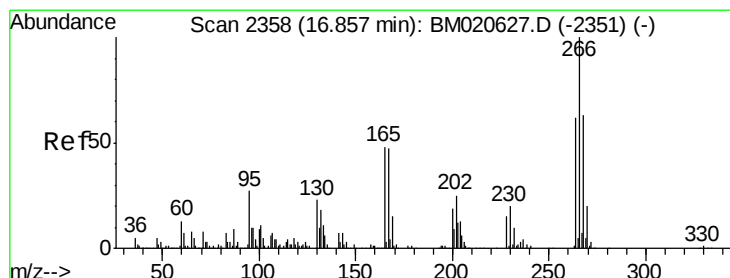
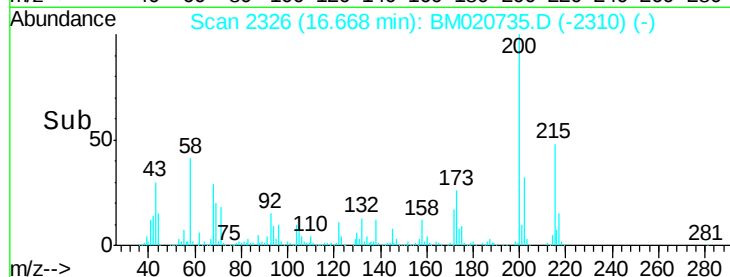
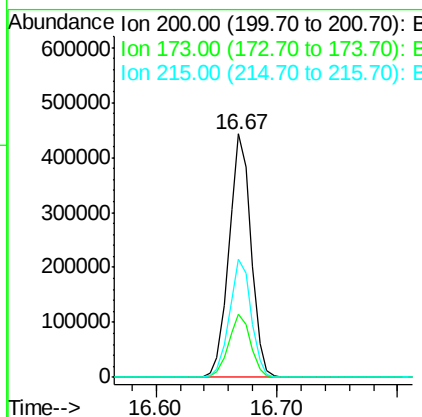
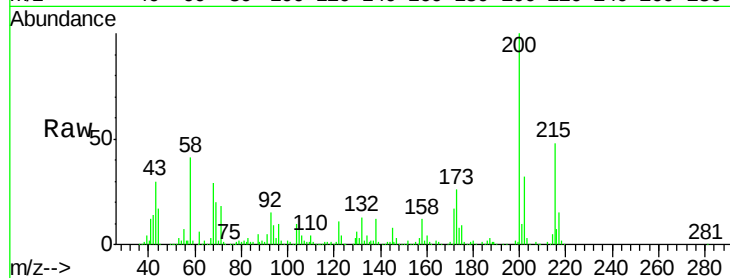
#69
Atrazine
Concen: 48.081 ng
RT: 16.67 min Scan# 2326
Delta R.T. -0.01 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Instrument :
BNA_M
ClientSampleId :
PB120137BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.2	5.7	45.7
215	48.3	28.2	68.2

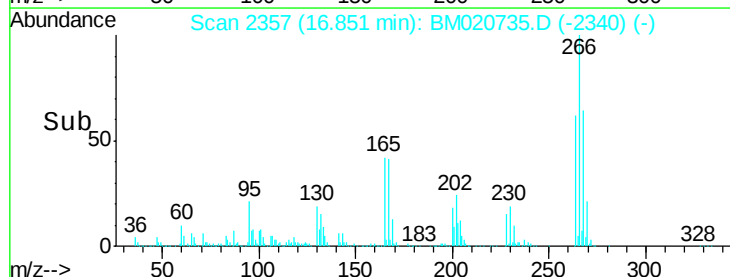
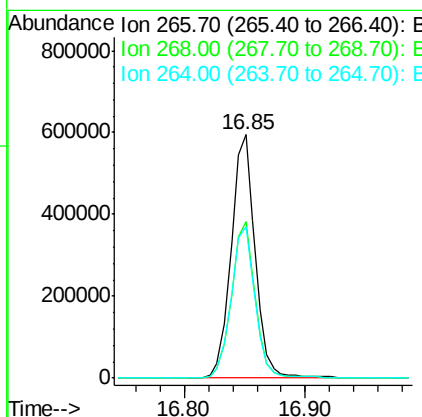
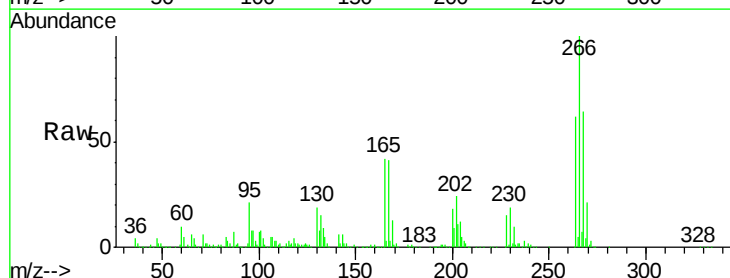
Manual Integrations
APPROVED

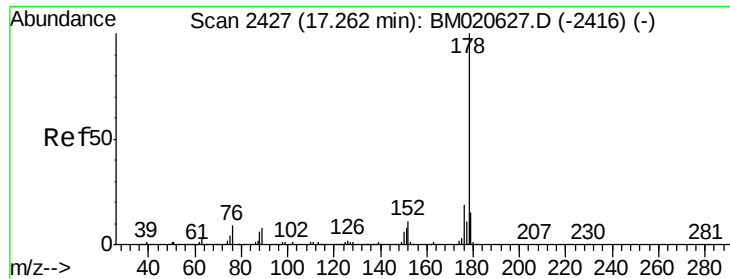
mohammad
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#70
Pentachlorophenol
Concen: 102.667 ng
RT: 16.85 min Scan# 2357
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.1	51.0	76.4
264	62.0	49.9	74.9





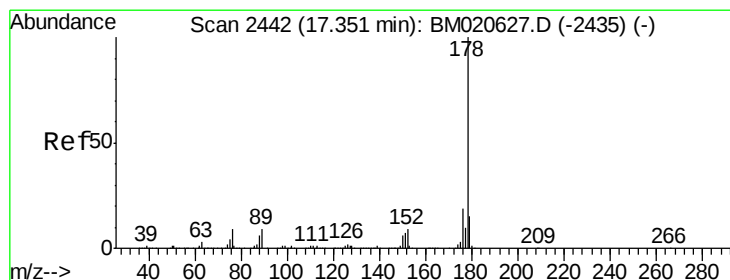
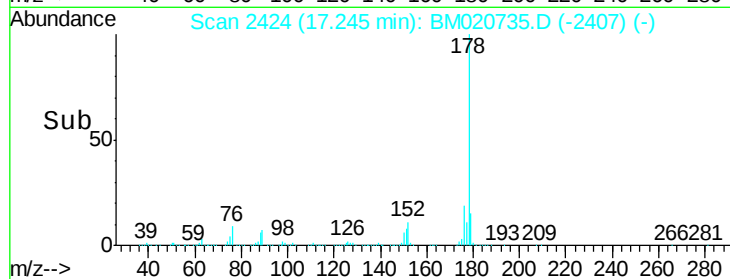
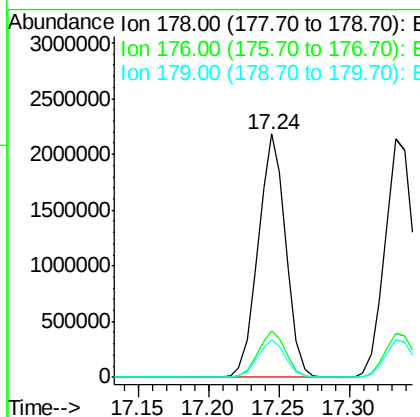
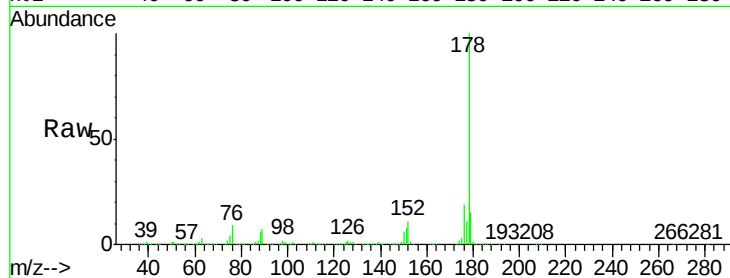
#71
Phenanthrene
Concen: 43.269 ng
RT: 17.24 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Instrument :
BNA_M
ClientSampleId :
PB120137BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.1	22.7
179	15.2	12.3	18.5

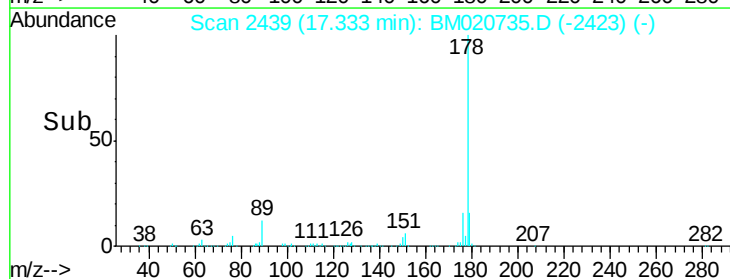
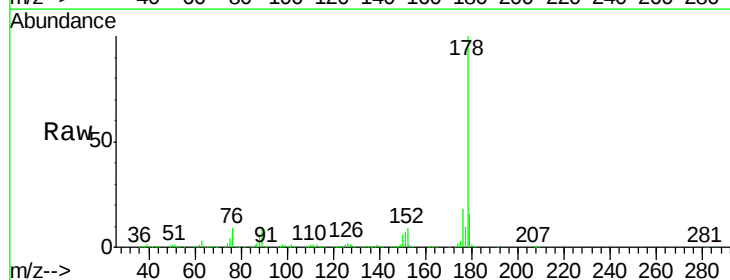
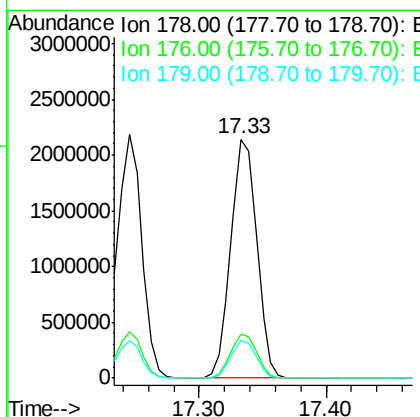
Manual Integrations
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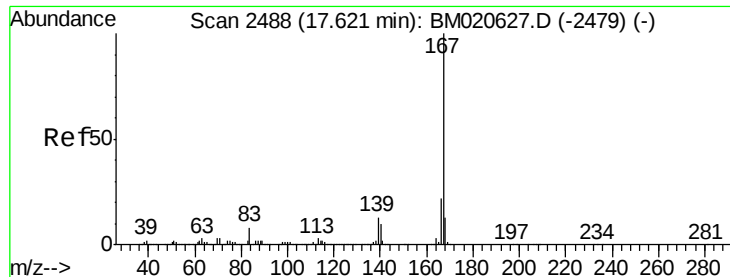
mohammad
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#72
Anthracene
Concen: 43.917 ng
RT: 17.33 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.8	22.2
179	15.5	11.9	17.9





#73

Carbazole

Concen: 41.501 ng

RT: 17.61 min Scan# 2486

Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

Instrument :

BNA_M

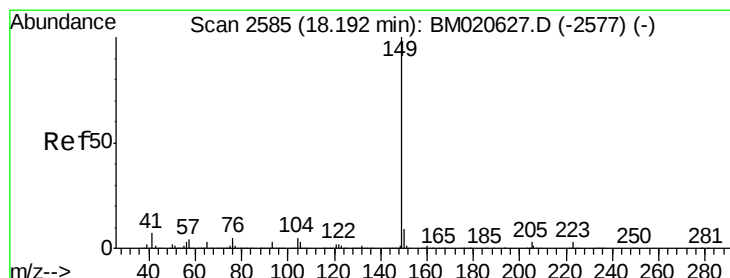
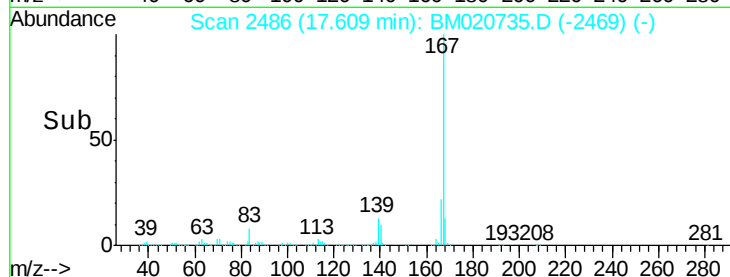
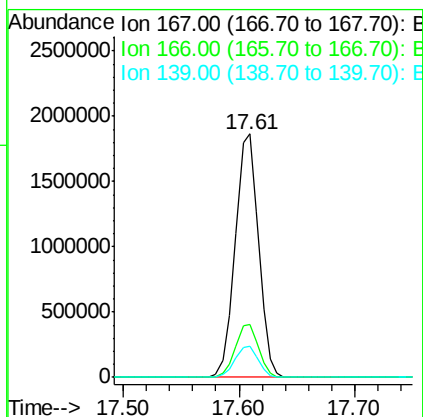
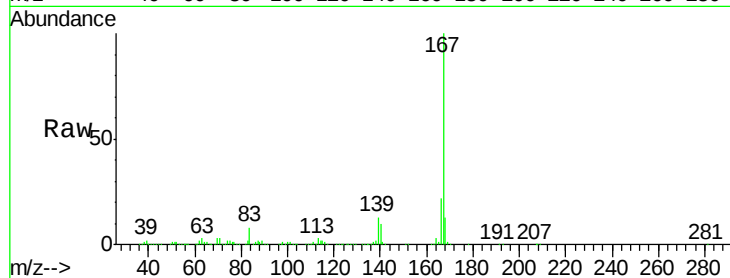
ClientSampleId :

PB120137BS

Tot Ion:	167	Resp:	2603939
Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.2	25.8
139	12.9	10.2	15.4

Manual Integrations
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#74

Di-n-butylphthalate

Concen: 38.304 ng

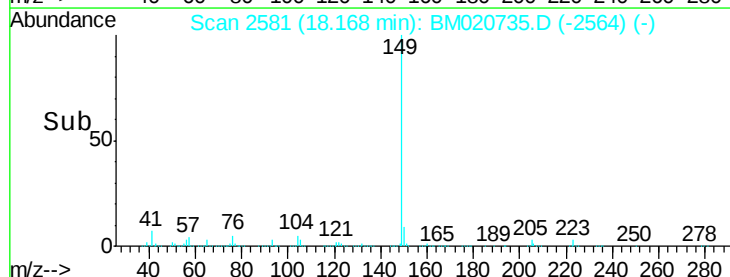
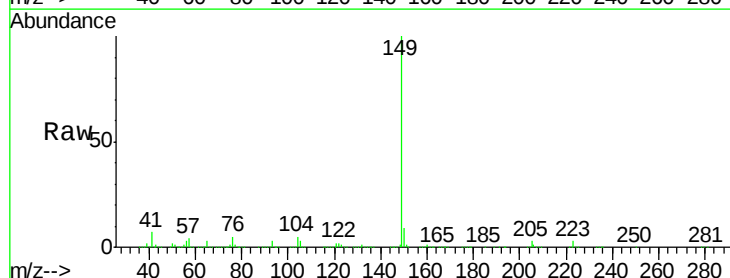
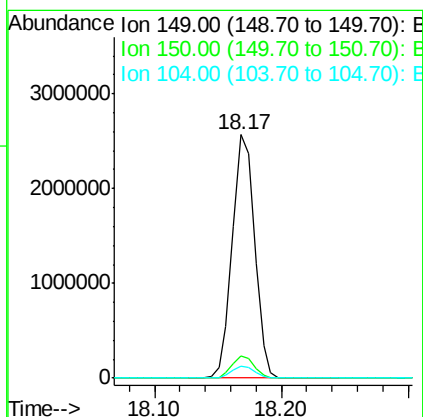
RT: 18.17 min Scan# 2581

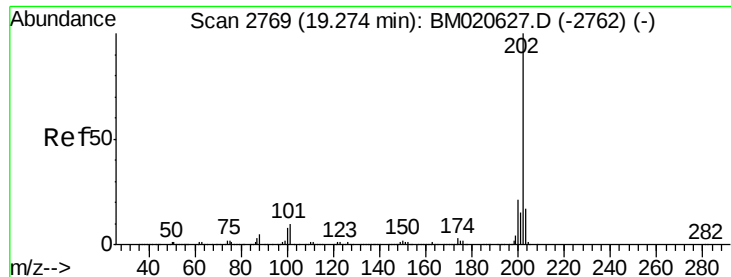
Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

Tgt Ion:	149	Resp:	3119884
Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.5	11.3
104	5.1	4.1	6.1





#75

Fluoranthene

Concen: 40.476 ng

RT: 19.26 min Scan# 2766

Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

Instrument :

BNA_M

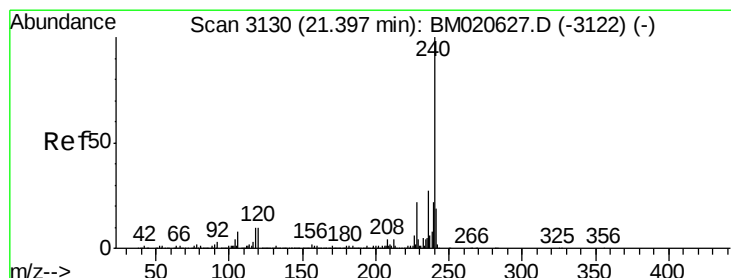
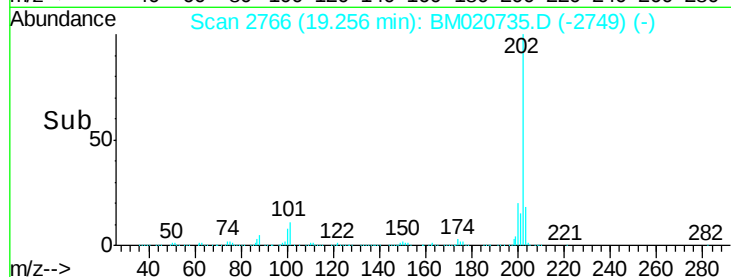
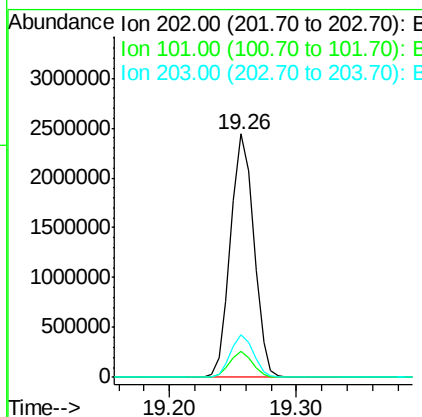
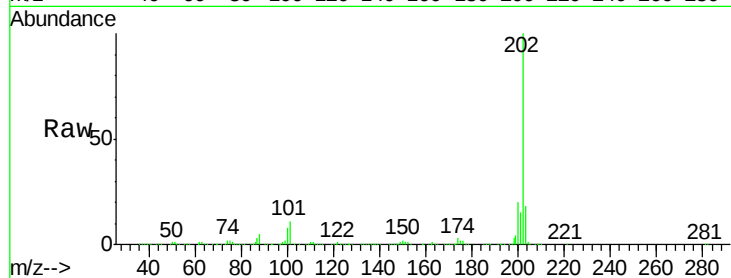
ClientSampleId :

PB120137BS

Tot Ion:	202	Resp:	3109555
Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	30.5
203	17.5	0.0	37.5

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#76

Chrysene-d12

Concen: 20.000 ng

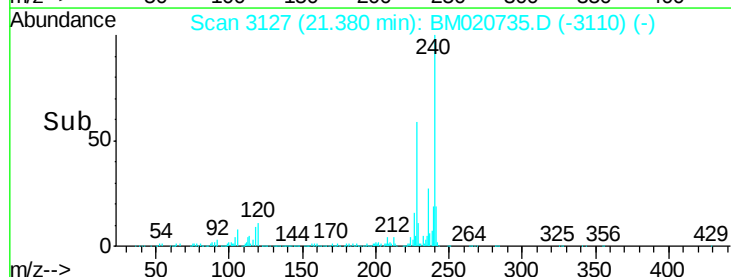
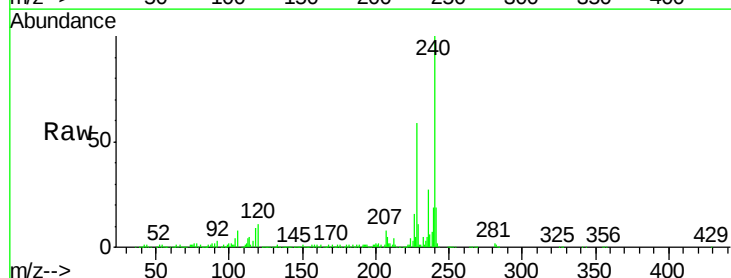
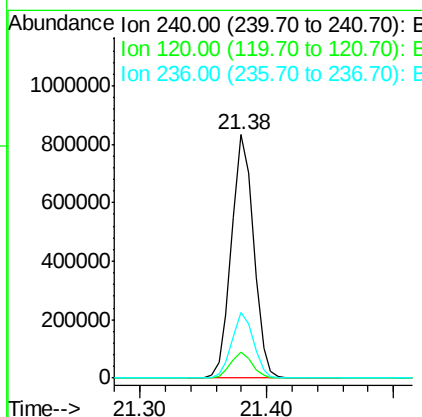
RT: 21.38 min Scan# 3127

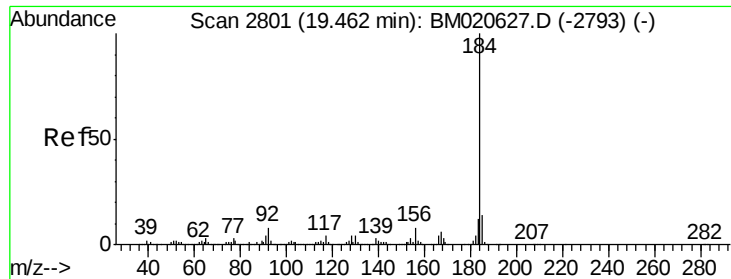
Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

Tgt Ion:	240	Resp:	1004707
Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.4	12.6
236	27.0	21.1	31.7





#77

Benzidine

Concen: 44.106 ng

RT: 19.45 min Scan# 2799

Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

Instrument :

BNA_M

ClientSampleId :

PB120137BS

Tot Ion:184 Resp: 1342731

Ion Ratio Lower Upper

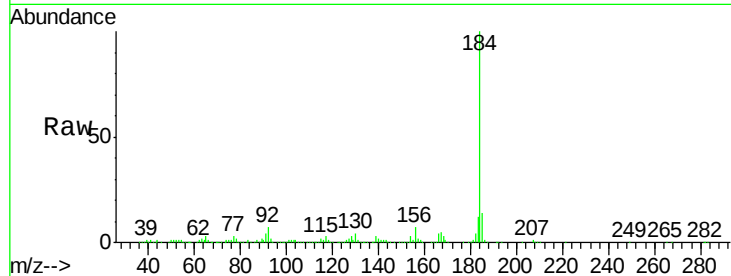
184 100

185 14.1 11.3 16.9

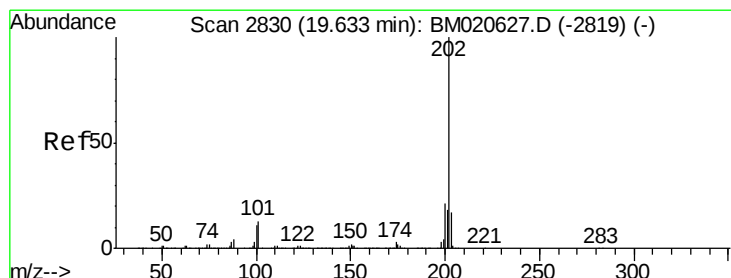
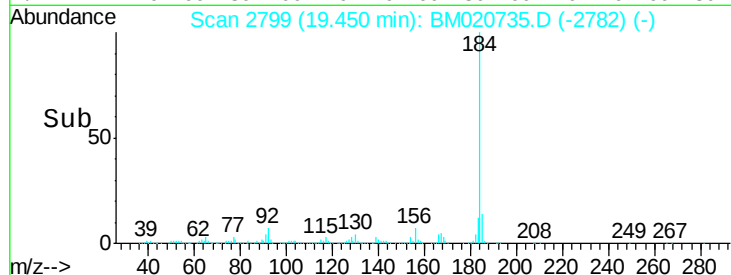
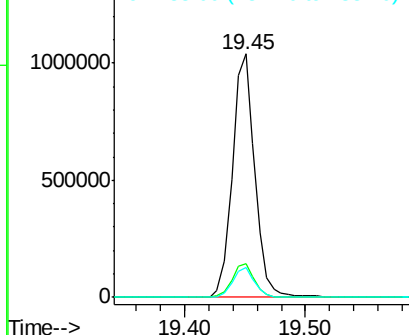
183 12.1 9.8 14.8

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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: 41.319 ng

RT: 19.62 min Scan# 2828

Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

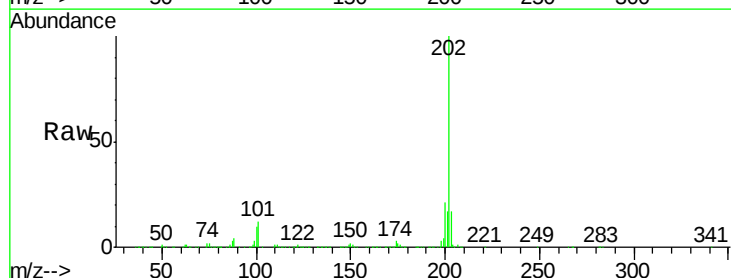
Tgt Ion:202 Resp: 3185677

Ion Ratio Lower Upper

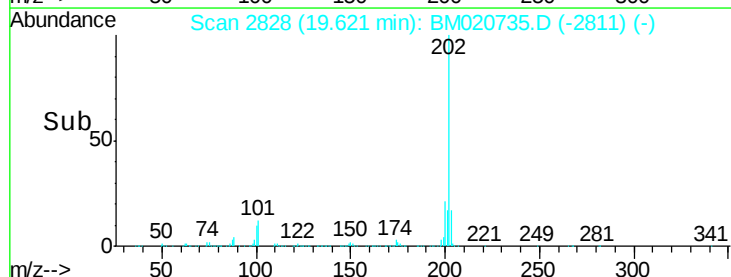
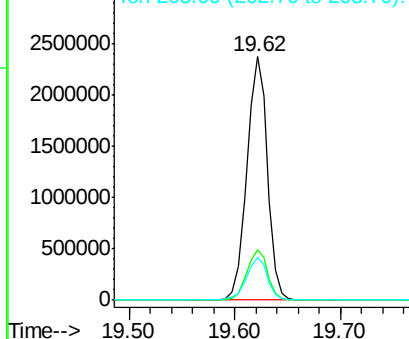
202 100

200 20.7 16.4 24.6

203 17.3 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





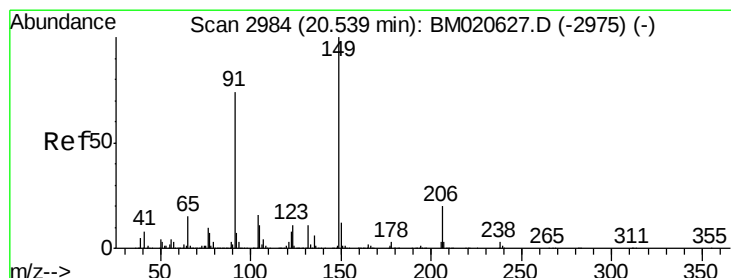
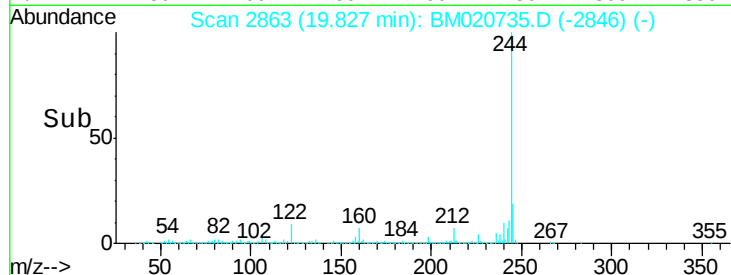
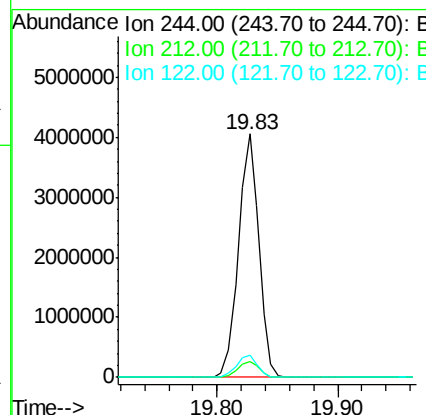
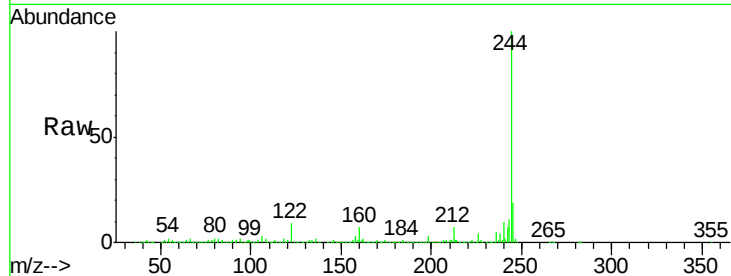
#79
 Terphenyl-d14
 Concen: 79.198 ng
 RT: 19.83 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: BM020735.D
 Acq: 05 Jun 2019 14:19

Instrument :
 BNA_M
 ClientSampleId :
 PB120137BS

Tot Ion:244 Resp: 4757188
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 9.2 7.4 11.0

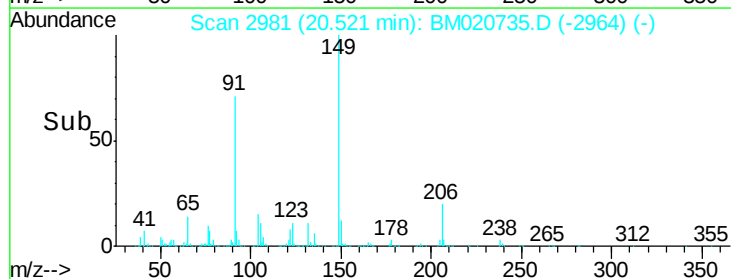
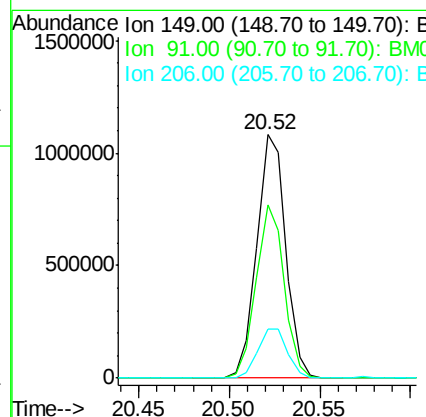
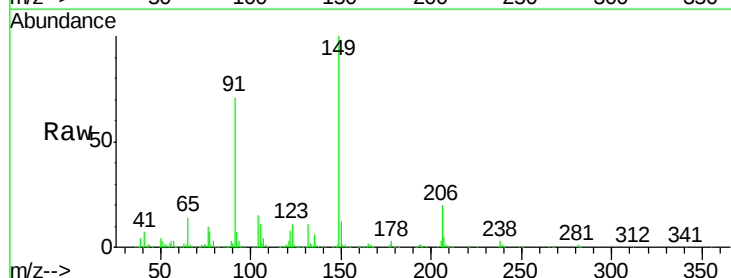
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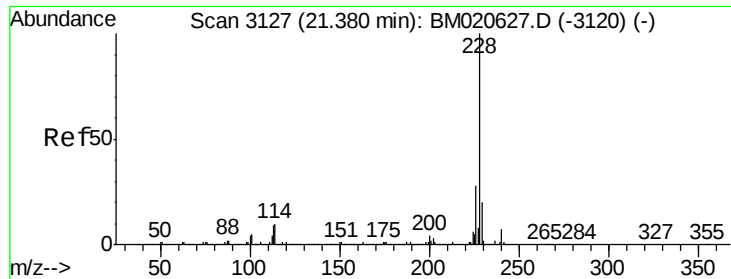
mohammad
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#80
 Butylbenzylphthalate
 Concen: 36.776 ng
 RT: 20.52 min Scan# 2981
 Delta R.T. -0.00 min
 Lab File: BM020735.D
 Acq: 05 Jun 2019 14:19

Tgt Ion:149 Resp: 1198239
 Ion Ratio Lower Upper
 149 100
 91 71.2 57.1 85.7
 206 20.0 16.3 24.5





#81

Benzo(a)anthracene

Concen: 41.813 ng

RT: 21.37 min Scan# 3125

Delta R.T. 0.01 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

Instrument :

BNA_M

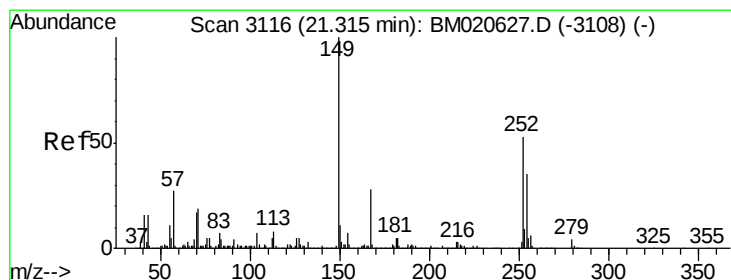
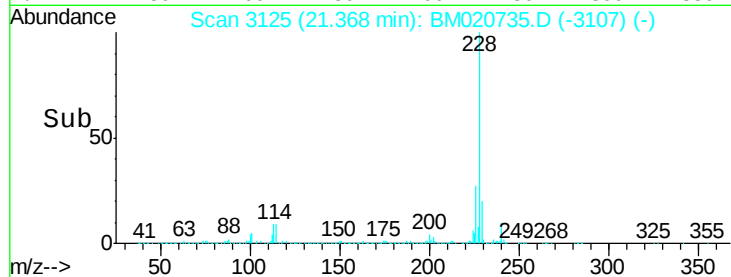
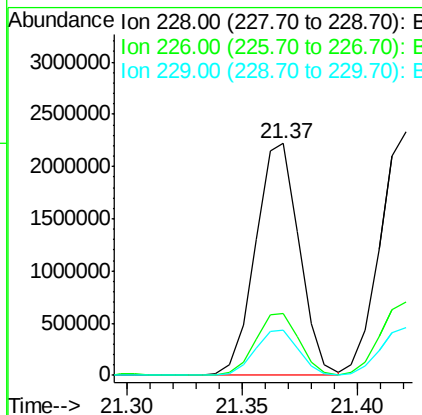
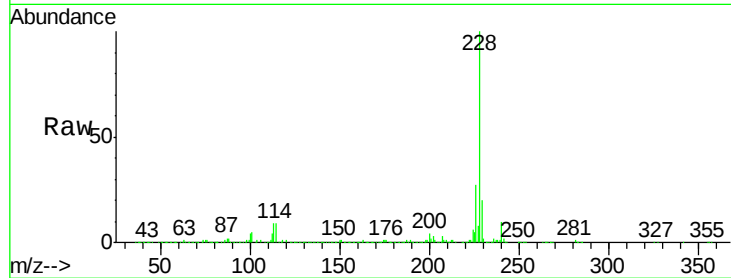
ClientSampleId :

PB120137BS

Tot Ion:	228	Resp:	2925516
Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.7	32.5
229	19.6	15.9	23.9

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#82

3,3'-Dichlorobenzidine

Concen: 34.118 ng

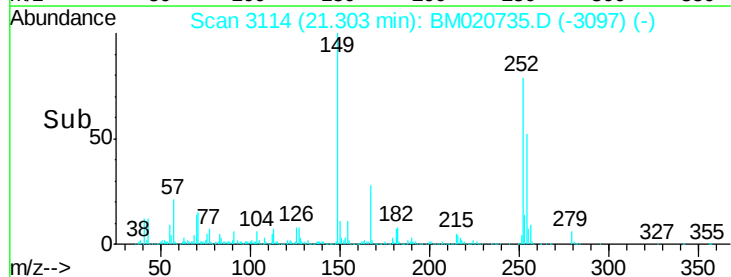
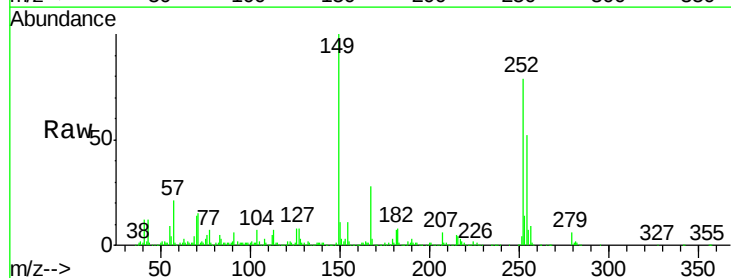
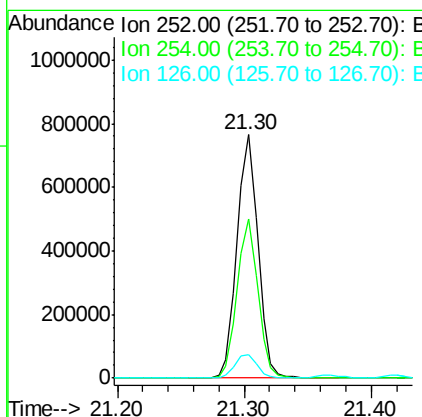
RT: 21.30 min Scan# 3114

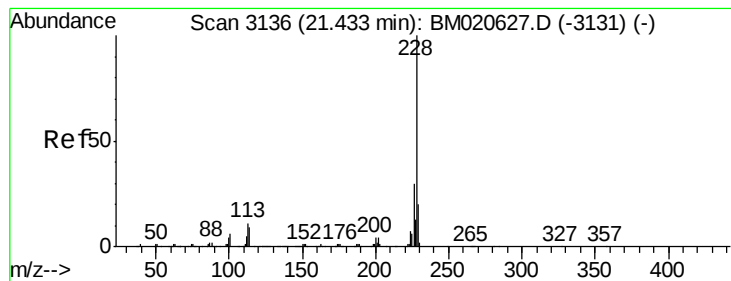
Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

Tgt Ion:	252	Resp:	874146
Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.7	77.5
126	9.9	7.8	11.8





#83

Chrysene

Concen: 43.424 ng

RT: 21.42 min Scan# 3134

Delta R.T. 0.01 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

Instrument :

BNA_M

ClientSampleId :

PB120137BS

Tot Ion:228 Resp: 2888040

Ion Ratio Lower Upper

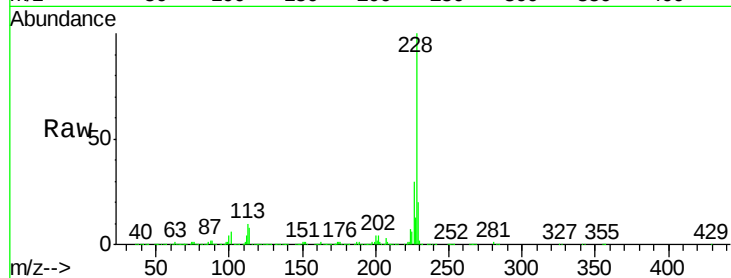
228 100

226 29.9 24.2 36.2

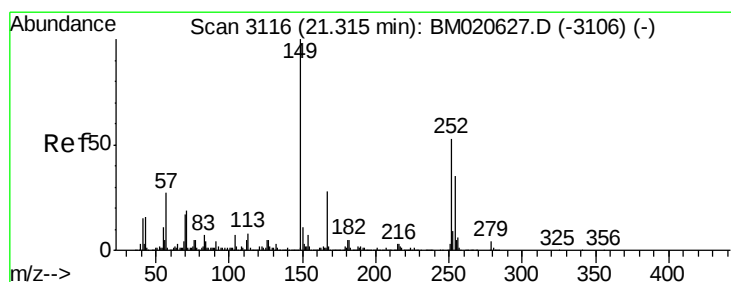
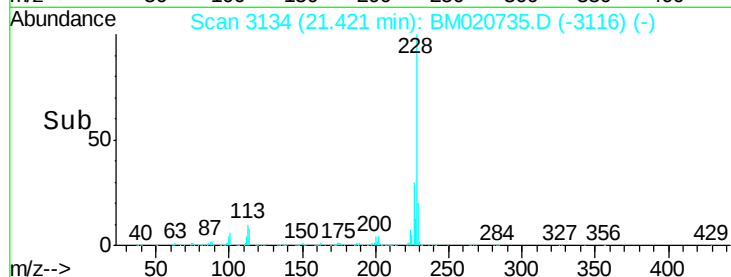
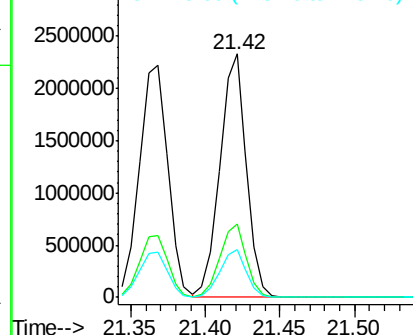
229 19.6 15.9 23.9

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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



#84

Bis(2-ethylhexyl)phthalate

Concen: 35.471 ng

RT: 21.30 min Scan# 3113

Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

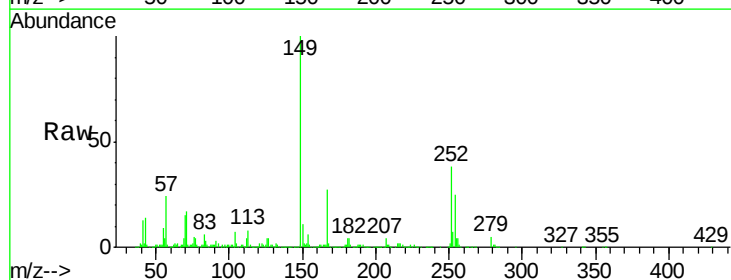
Tgt Ion:149 Resp: 1679707

Ion Ratio Lower Upper

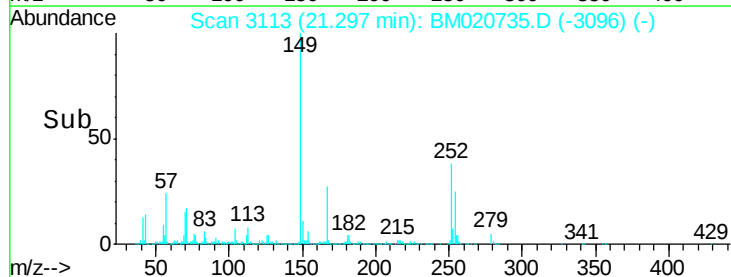
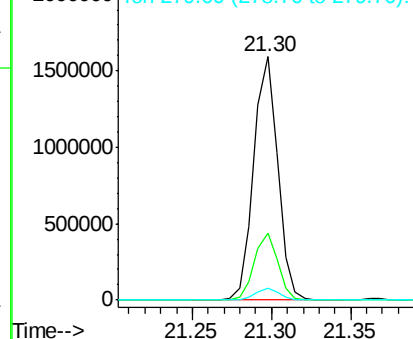
149 100

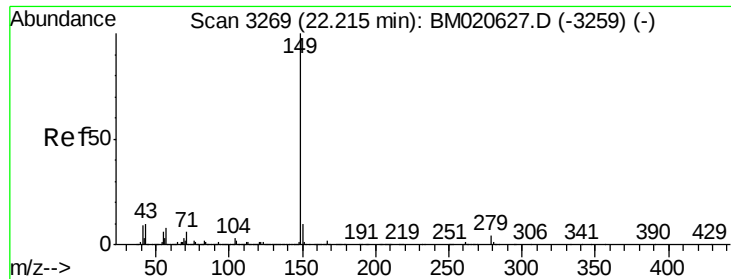
167 27.4 22.2 33.2

279 4.7 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





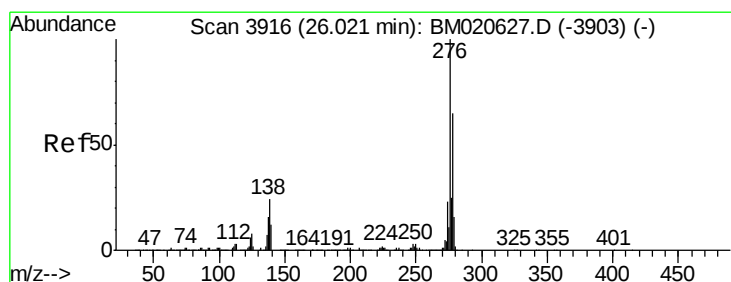
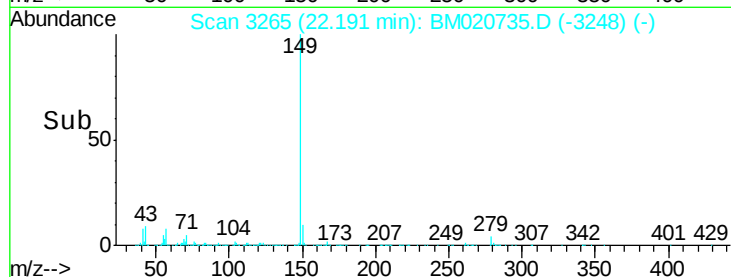
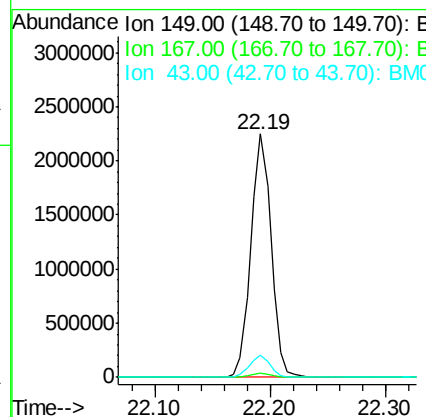
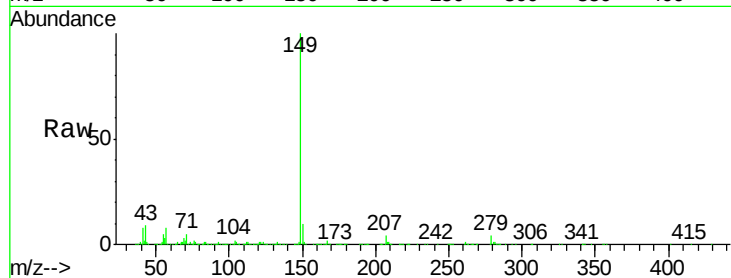
#85
Di-n-octyl phthalate
Concen: 36.463 ng
RT: 22.19 min Scan# 3265
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Instrument :
BNA_M
ClientSampleId :
PB120137BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	8.9	7.4	11.2

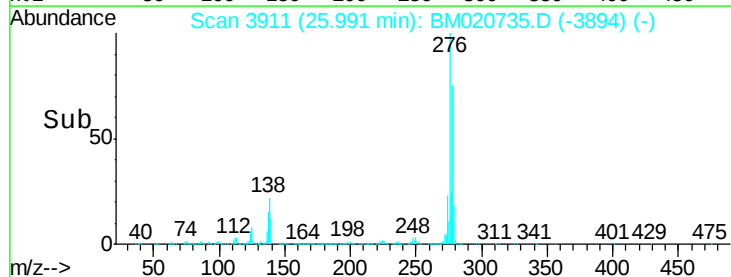
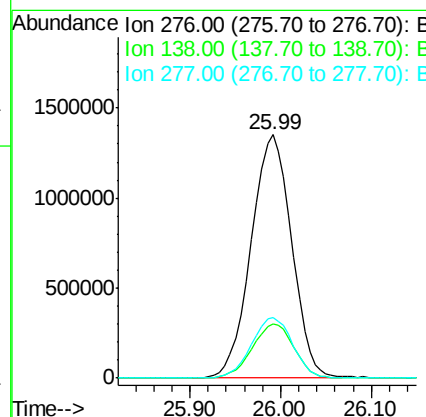
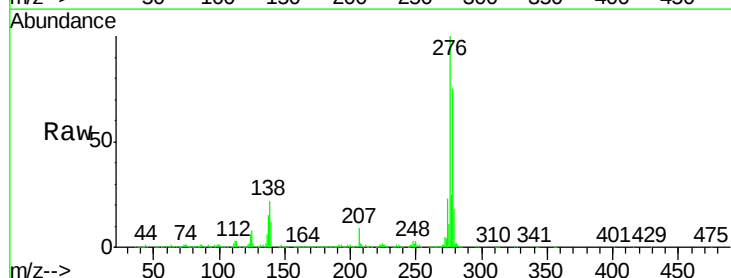
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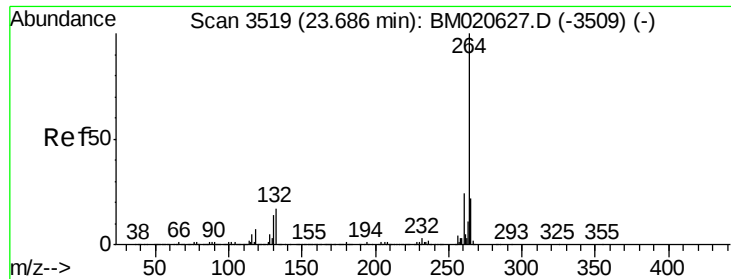
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 61.558 ng
RT: 25.99 min Scan# 3911
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.1	18.8	28.2
277	25.3	20.5	30.7





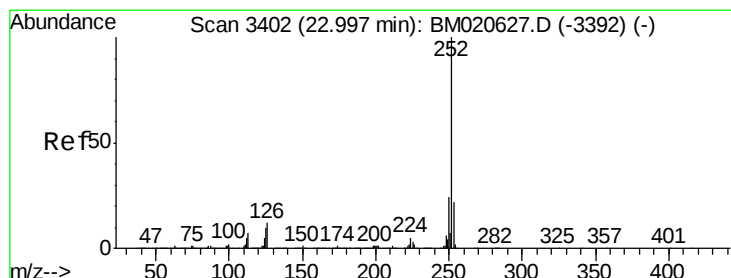
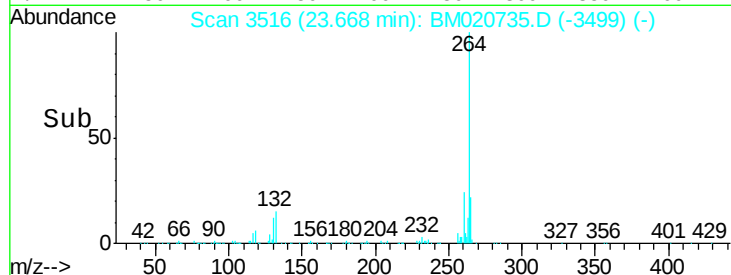
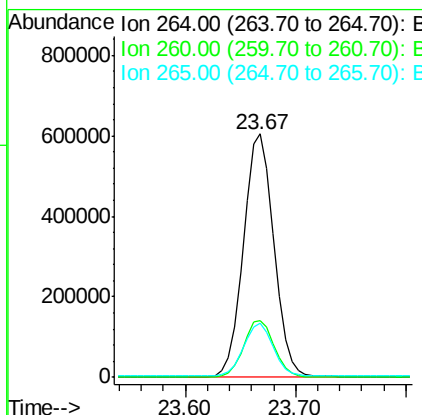
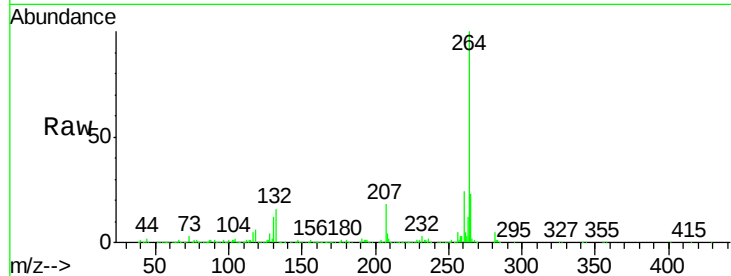
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.67 min Scan# 3516
Delta R.T. -0.00 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Instrument :
BNA_M
ClientSampleId :
PB120137BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.1	28.7
265	22.5	17.4	26.0

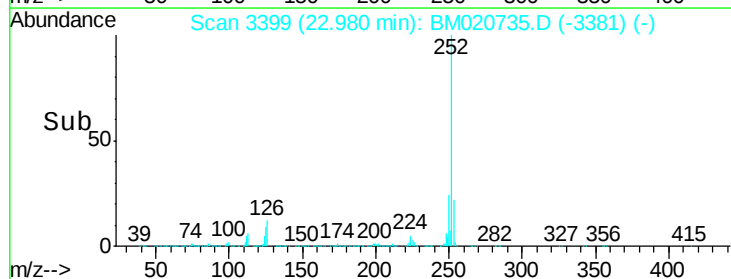
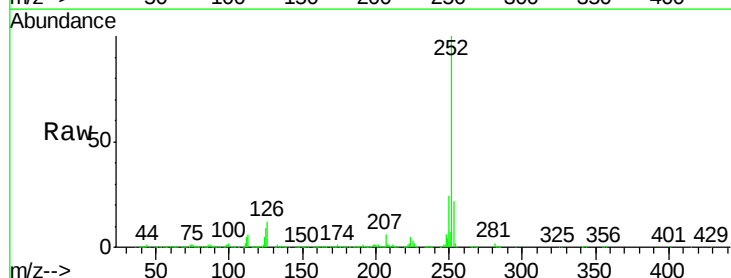
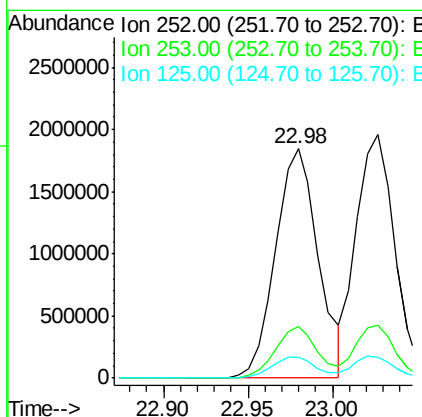
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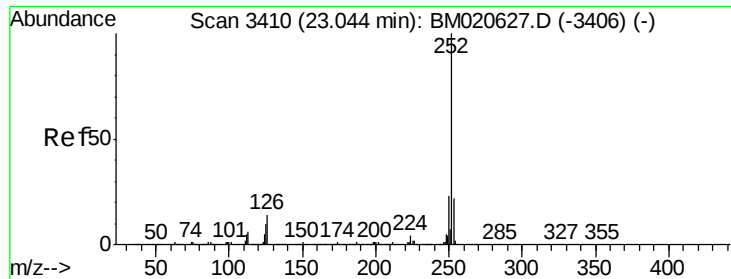
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#88
Benzo(b)fluoranthene
Concen: 41.656 ng
RT: 22.98 min Scan# 3399
Delta R.T. 0.01 min
Lab File: BM020735.D
Acq: 05 Jun 2019 14:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	9.2	7.6	11.4





#89

Benzo(k)fluoranthene

Concen: 40.756 ng

RT: 23.03 min Scan# 3407

Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

Instrument :

BNA_M

ClientSampleId :

PB120137BS

Tot Ion:252 Resp: 3104095

Ion Ratio Lower Upper

252 100

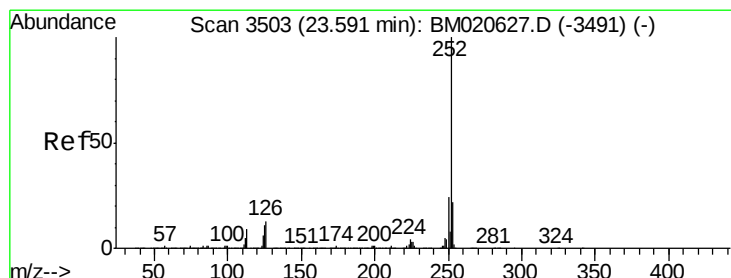
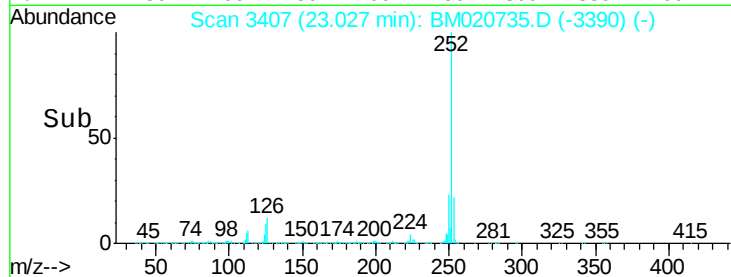
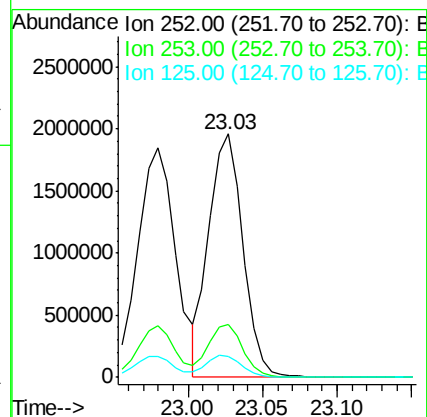
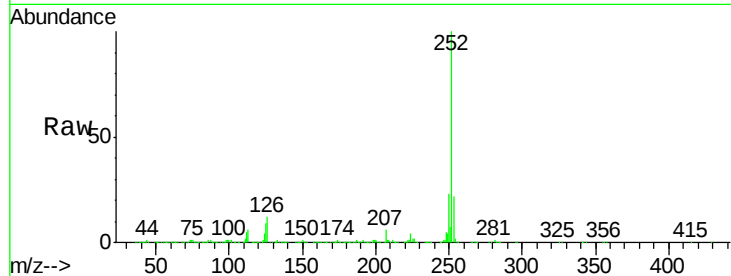
253 21.8 17.3 25.9

125 8.8 7.2 10.8

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#90

Benzo(a)pyrene

Concen: 45.269 ng

RT: 23.57 min Scan# 3499

Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

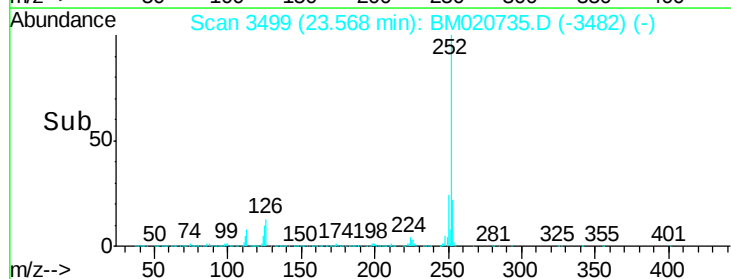
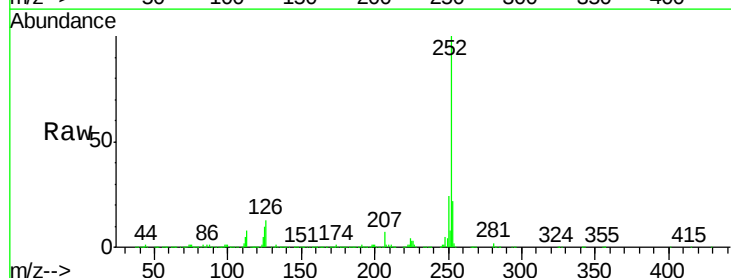
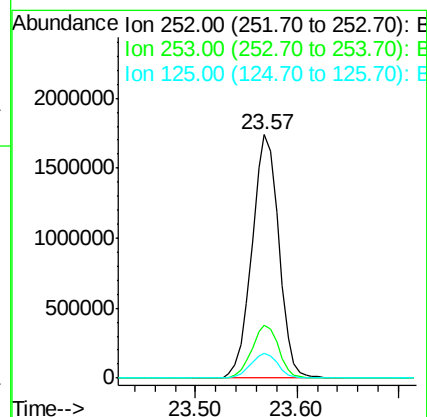
Tgt Ion:252 Resp: 3200147

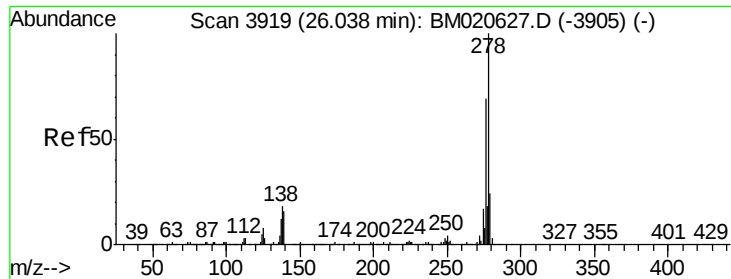
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 10.2 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 51.483 ng

RT: 26.00 min Scan# 3913

Delta R.T. -0.00 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

Instrument :

BNA_M

ClientSampleId :

PB120137BS

Tot Ion:278 Resp: 3530877

Ion Ratio Lower Upper

278 100

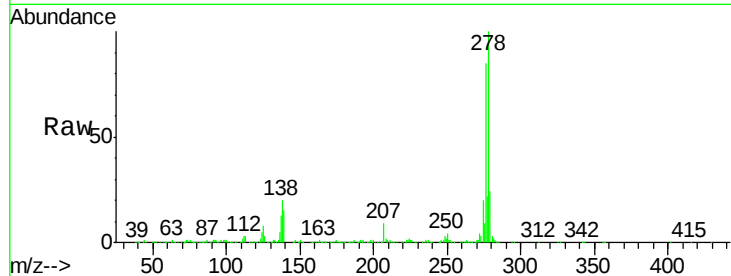
139 14.7 11.8 17.6

279 23.9 18.3 27.5

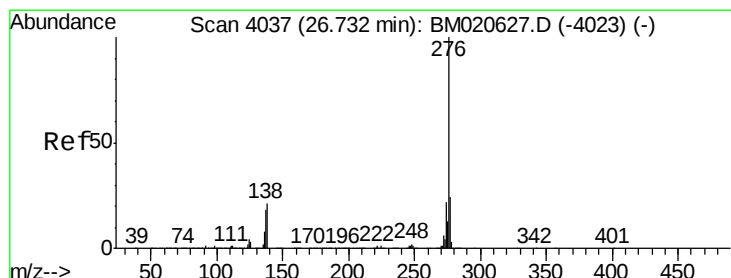
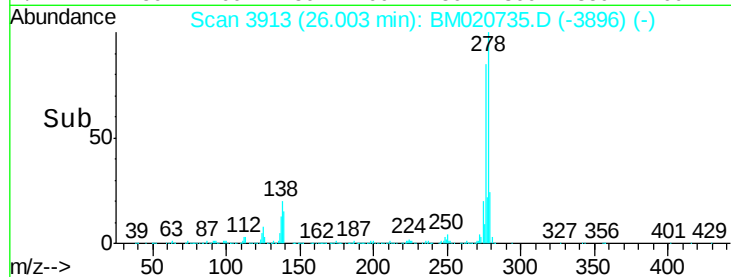
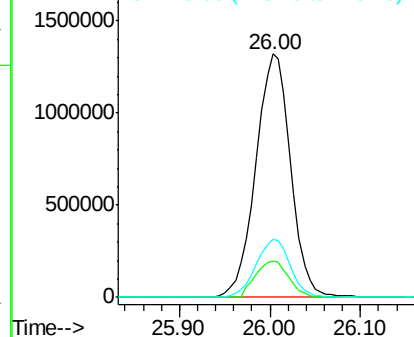
Manual Integrations
APPROVED

mohammad

6/6/2019 11:21:38 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: 54.127 ng

RT: 26.70 min Scan# 4032

Delta R.T. 0.01 min

Lab File: BM020735.D

Acq: 05 Jun 2019 14:19

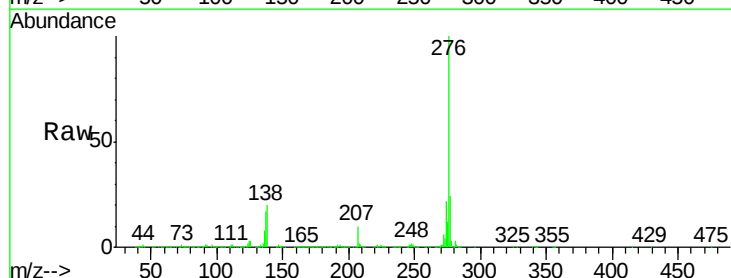
Tgt Ion:276 Resp: 3448047

Ion Ratio Lower Upper

276 100

277 24.1 19.3 28.9

138 19.6 16.2 24.4



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

