

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051921\
 Data File : BM030082.D
 Acq On : 19 May 2021 16:50
 Operator : CG/JU
 Sample : SP5564
 Misc : SFAM SPIKE
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP

Manual Integrations
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Quant Time: May 20 01:20:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 18 16:38:21 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.516	152	179022	20.00	ng/ul	0.00
20) Naphthalene-d8	10.286	136	816430	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.168	164	546777	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.921	188	1133609	20.00	ng/ul	0.00
79) Chrysene-d12	21.115	240	1190262	20.00	ng/ul	0.00
88) Perylene-d12	23.256	264	1053536	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.00	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.00	ng/ul	
7) Phenol-d5	0.000	99	0	0.00	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.00	ng/ul	
11) 2-Chlorophenol-d4	0.000	132	0d	0.00	ng/ul	
15) 4-Methylphenol-d8	0.000	113	0d	0.00	ng/ul	
21) Nitrobenzene-d5	0.000	128	0	0.00	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0	0.00	ng/ul	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.00	ng/ul	
31) 4-Chloroaniline-d4	0.000	131	0d	0.00	ng/ul	
46) Dimethylphthalate-d6	0.000	166	0d	0.00	ng/ul	
49) Acenaphthylene-d8	0.000	160	0d	0.00	ng/ul	
54) 4-Nitrophenol-d4	0.000	143	0d	0.00	ng/ul	
60) Fluorene-d10	0.000	176	0d	0.00	ng/ul	
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.00	ng/ul	
73) Anthracene-d10	0.000	188	0d	0.00	ng/ul	
81) Pyrene-d10	0.000	212	0d	0.00	ng/ul	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.00	ng/ul	
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.057	88	129420	26.68	ng/uL	93
5) Pyridine	3.452	79	799497	69.45	ng/ul	87
6) Benzaldehyde	6.669	77	763281	88.82	ng/ul	98
8) Phenol	6.734	94	1192479	70.16	ng/ul	99
10) Bis(2-Chloroethyl)ether	6.957	93	883967	65.77	ng/ul	99
12) 2-Chlorophenol	7.087	128	951908	72.64	ng/ul	99
13) 2-Methylphenol	7.969	108	905351	70.30	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.051	45	1471818	72.70	ng/ul	96
16) Acetophenone	8.345	105	1449972	65.62	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.334	70	838408	74.16	ng/ul	98
18) 4-Methylphenol	8.304	108	989325	69.30	ng/ul	98
19) Hexachloroethane	8.575	117	395890	71.51	ng/ul	97
22) Nitrobenzene	8.716	77	1128765	76.99	ng/ul	98
23) Isophorone	9.245	82	2175561	70.16	ng/ul	99
25) 2-Nitrophenol	9.422	139	534923	77.59	ng/ul	99
26) 2,4-Dimethylphenol	9.492	107	1130720	72.68	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.722	93	1287480	70.89	ng/ul	98
29) 2,4-Dichlorophenol	9.951	162	916157	73.26	ng/ul	98
30) Naphthalene	10.339	128	3025164	66.76	ng/ul	99
32) 4-Chloroaniline	10.463	127	1264909	63.36	ng/ul	98
33) Hexachlorobutadiene	10.622	225	571858	68.21	ng/ul	97
34) Caprolactam	11.286	113	317227m	71.48	ng/ul	
35) 4-Chloro-3-methylphenol	11.610	107	1038362	75.03	ng/ul	99
36) 2-Methylnaphthalene	11.963	142	2259511	68.73	ng/ul	99

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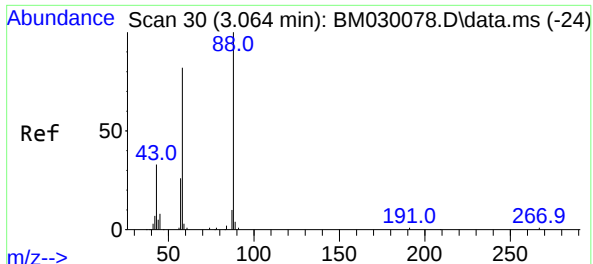
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.186	142	2177209	66.83	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.339	216	1160603	68.69	ng/ul	99
40) Hexachlorocyclopentadiene	12.316	237	674359	76.84	ng/ul	100
41) 2,4,6-Trichlorophenol	12.592	196	777381	75.45	ng/ul	99
42) 2,4,5-Trichlorophenol	12.669	196	820856	75.28	ng/ul	97
43) 1,1'-Biphenyl	12.998	154	2914889	68.58	ng/ul	98
44) 2-Chloronaphthalene	13.039	162	2241828	68.73	ng/ul	99
45) 2-Nitroaniline	13.263	65	762757	92.52	ng/ul	98
47) Dimethylphthalate	13.645	163	2880234	67.87	ng/ul	100
48) 2,6-Dinitrotoluene	13.769	165	631672	82.92	ng/ul	92
50) Acenaphthylene	13.886	152	3478340	66.96	ng/ul	99
51) 3-Nitroaniline	14.098	138	657908	76.88	ng/ul	97
52) Acenaphthene	14.233	153	2472948	67.36	ng/ul	99
53) 2,4-Dinitrophenol	14.316	184	385364	74.35	ng/ul	98
55) 4-Nitrophenol	14.421	109	375022	70.66	ng/ul	97
56) Dibenzofuran	14.574	168	3436557	68.35	ng/ul	99
57) 2,4-Dinitrotoluene	14.563	165	913479	81.03	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.810	232	755579	72.77	ng/ul	98
59) Diethylphthalate	15.015	149	3078181	69.55	ng/ul	100
61) Fluorene	15.227	166	3008402	69.99	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.227	204	1496707	70.86	ng/ul	96
63) 4-Nitroaniline	15.274	138	708314m	83.49	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.327	198	528042	72.87	ng/ul#	96
67) N-Nitrosodiphenylamine	15.445	169	2558487	69.48	ng/ul	99
68) 4-Bromophenyl-phenylether	16.115	248	895503	70.97	ng/ul	97
69) Hexachlorobenzene	16.227	284	1031345	68.83	ng/ul	97
70) Atrazine	16.410	200	947149	69.71	ng/ul	100
71) Pentachlorophenol	16.580	266	606494	70.64	ng/ul	99
72) Phenanthrene	16.962	178	4476163	66.97	ng/ul	98
74) Anthracene	17.057	178	4636051	67.84	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.957	216	1102130	61.46	ng/uL	98
76) Pentachlorobenzene	14.498	250	1113631	65.12	ng/uL	98
77) Carbazole	17.333	167	4164662	66.51	ng/ul	100
78) Di-n-butylphthalate	17.898	149	5481712	73.76	ng/ul	99
80) Fluoranthene	18.986	202	5249599	70.64	ng/ul	98
82) Pyrene	19.345	202	5380539	68.80	ng/ul	98
83) Butylbenzylphthalate	20.262	149	2550575	91.77	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.039	252	2276397	84.06	ng/ul	98
85) Benzo(a)anthracene	21.097	228	5252695	67.64	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.039	149	4126051	86.10	ng/ul	97
87) Chrysene	21.150	228	5116718	66.15	ng/ul	98
89) Di-n-octyl phthalate	21.892	149	6569348	81.49	ng/ul	100
90) Benzo(b)fluoranthene	22.627	252	5054482	73.96	ng/ul	99
91) Benzo(k)fluoranthene	22.668	252	5031030	70.03	ng/ul	99
93) Benzo(a)pyrene	23.168	252	4272928	68.85	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.409	276	4890449	65.10	ng/ul	98
95) Dibenzo(a,h)anthracene	25.415	278	4201559	65.98	ng/ul	99
96) Benzo(g,h,i)perylene	26.056	276	3718295	61.09	ng/ul	99

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



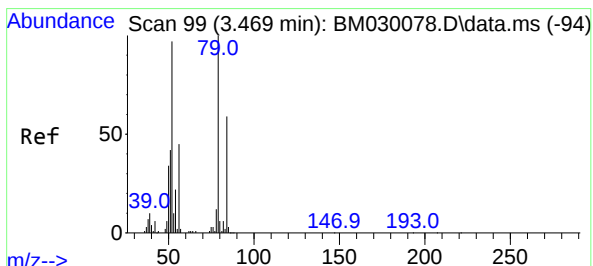
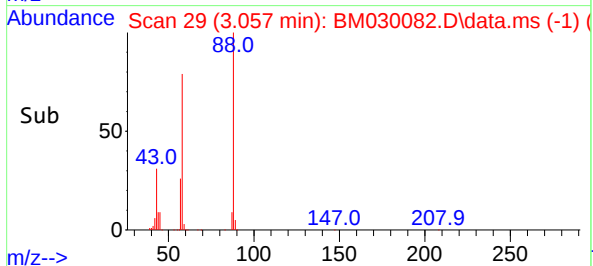
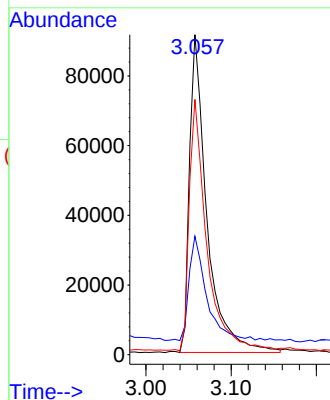
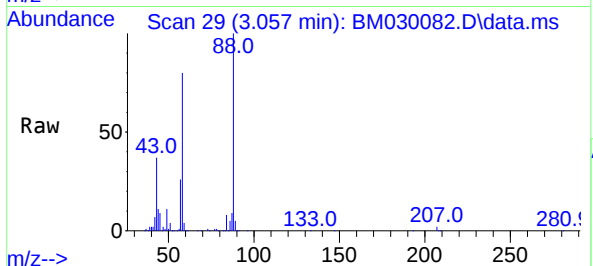
#2
1,4-Dioxane
Concen: 26.68 ng/uL
RT: 3.057 min Scan# 29
Delta R.T. -0.006 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50

Tgt Ion: 88 Resp: 129420
Ion Ratio Lower Upper
88 100
43 37.0 26.2 39.2
58 79.7 59.0 88.4

Instrument :
BNA_M
ClientSampled :
SP

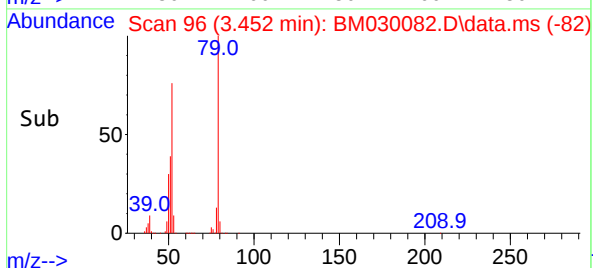
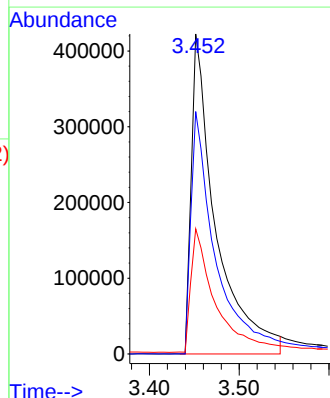
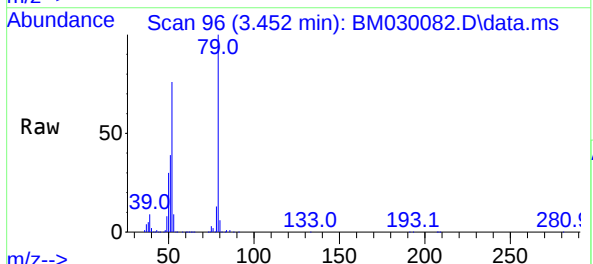
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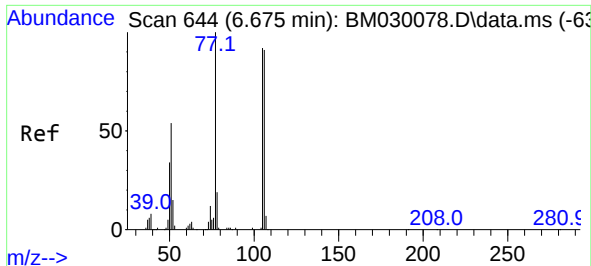
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#5
Pyridine
Concen: 69.45 ng/uL
RT: 3.452 min Scan# 96
Delta R.T. -0.018 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50

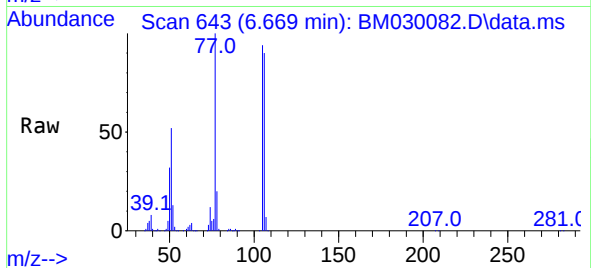
Tgt Ion: 79 Resp: 799497
Ion Ratio Lower Upper
79 100
52 75.8 74.6 111.8
51 39.1 32.6 48.8





#6
Benzaldehyde
Concen: 88.82 ng/ul
RT: 6.669 min Scan# 643
Delta R.T. -0.006 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50

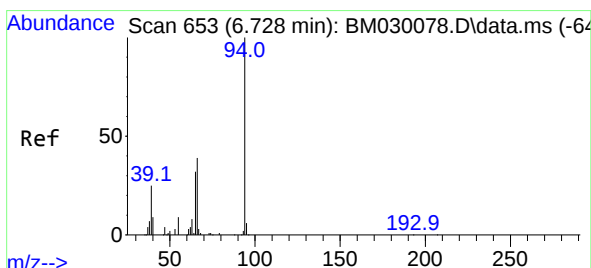
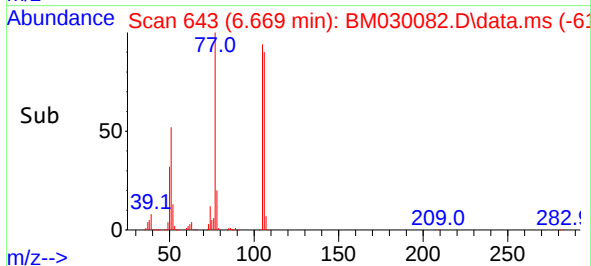
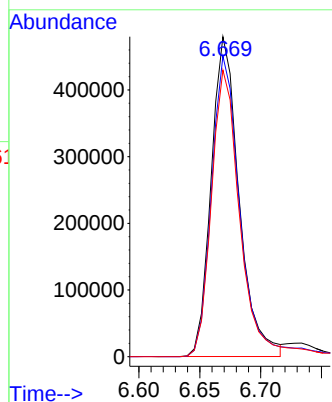
Instrument :
BNA_M
ClientSampled :
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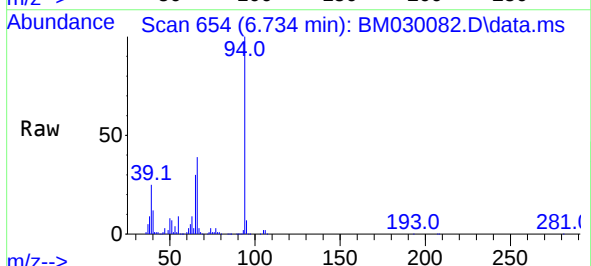
Tgt Ion: 77 Resp: 763281
Ion Ratio Lower Upper
77 100
105 94.0 77.7 116.5
106 89.6 72.2 108.4

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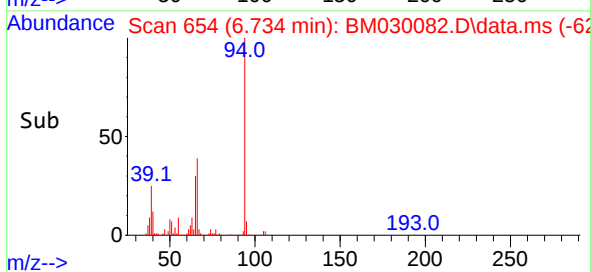
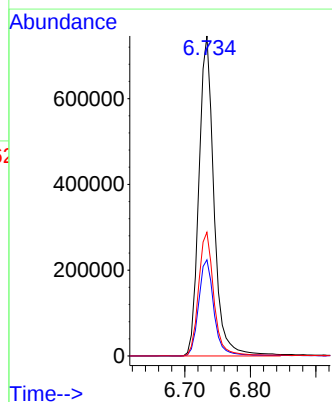
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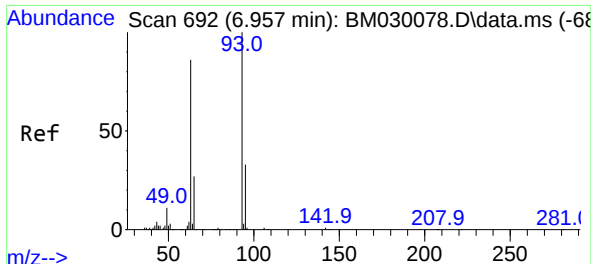


#8
Phenol
Concen: 70.16 ng/ul
RT: 6.734 min Scan# 654
Delta R.T. 0.000 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50



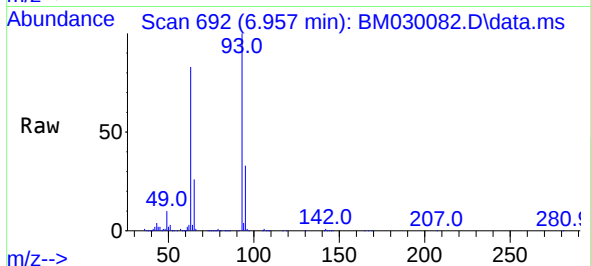
Tgt Ion: 94 Resp: 1192479
Ion Ratio Lower Upper
94 100
65 30.1 23.3 34.9
66 38.7 30.6 45.8





#10
Bis(2-Chloroethyl)ether
Concen: 65.77 ng/ul
RT: 6.957 min Scan# 692
Delta R.T. 0.000 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50

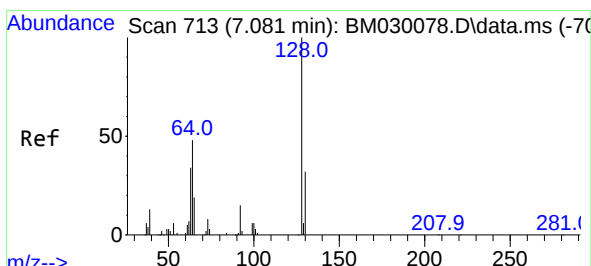
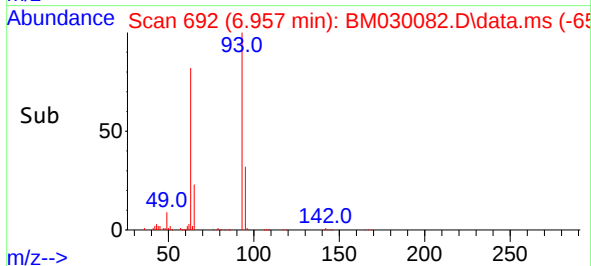
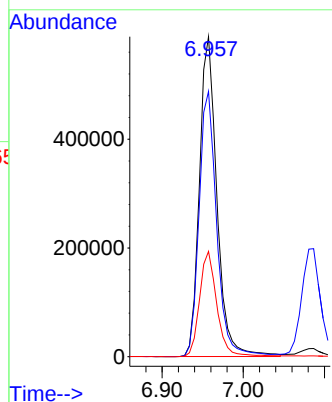
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BNA_M
ClientSampled :
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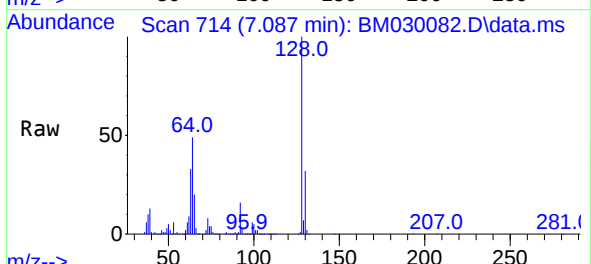
Tgt Ion: 93 Resp: 883967
Ion Ratio Lower Upper
93 100
63 82.9 66.0 99.0
95 32.9 25.7 38.5

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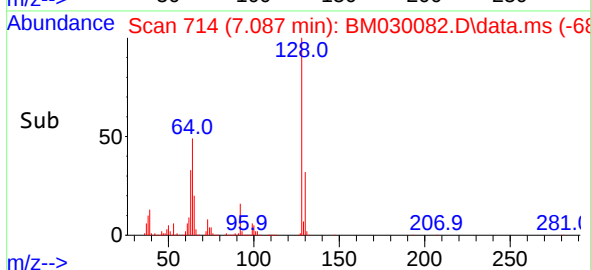
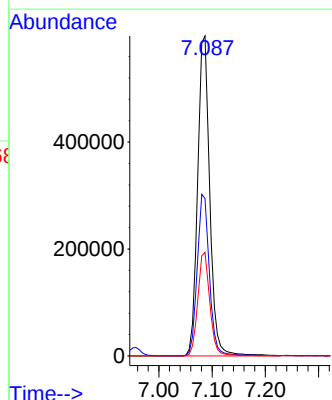
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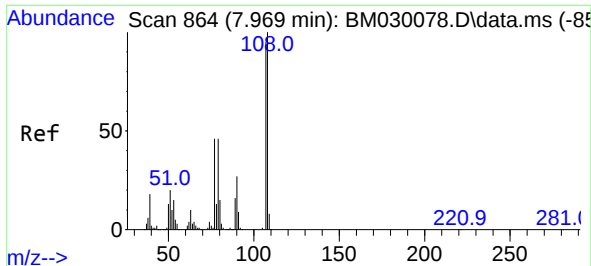


#12
2-Chlorophenol
Concen: 72.64 ng/ul
RT: 7.087 min Scan# 714
Delta R.T. 0.000 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50



Tgt Ion: 128 Resp: 951908
Ion Ratio Lower Upper
128 100
64 49.2 39.3 58.9
130 32.3 26.6 39.8





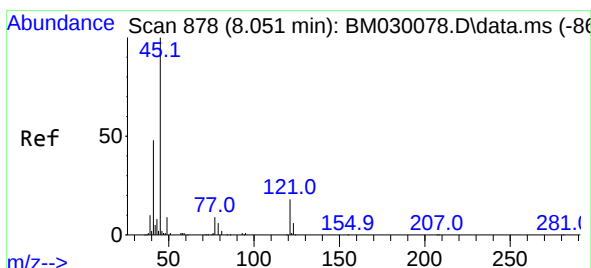
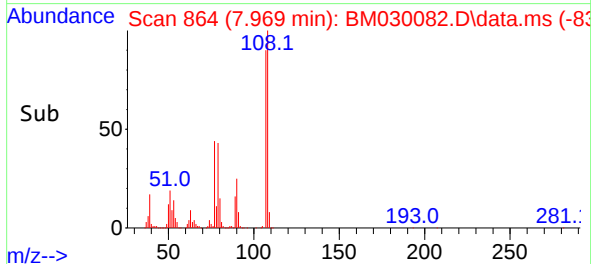
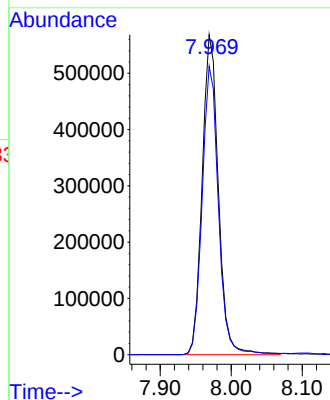
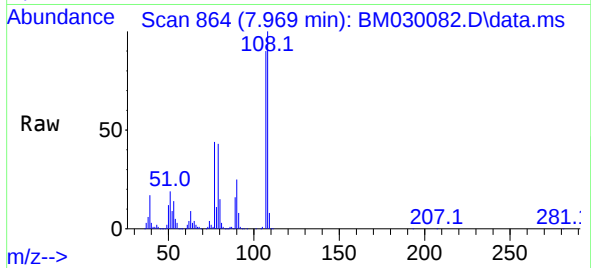
#13
2-Methylphenol
Concen: 70.30 ng/ul
RT: 7.969 min Scan# 864
Delta R.T. 0.000 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50

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Tgt Ion:108 Resp: 905351
Ion Ratio Lower Upper
108 100
107 90.1 73.8 110.6

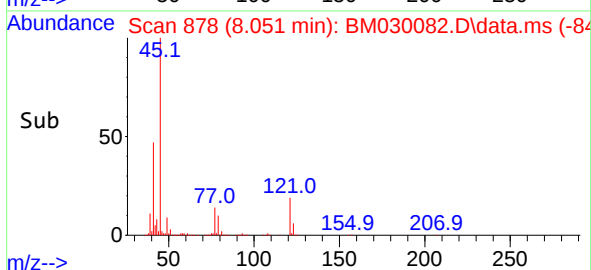
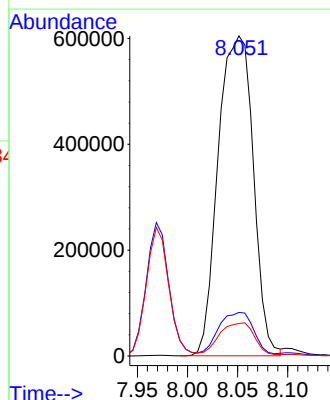
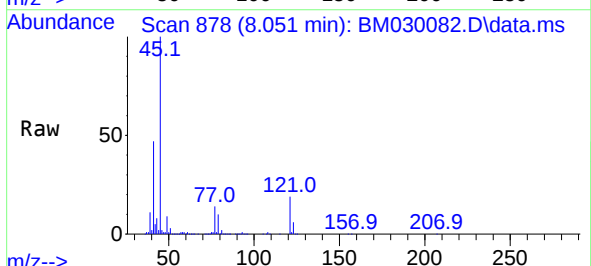
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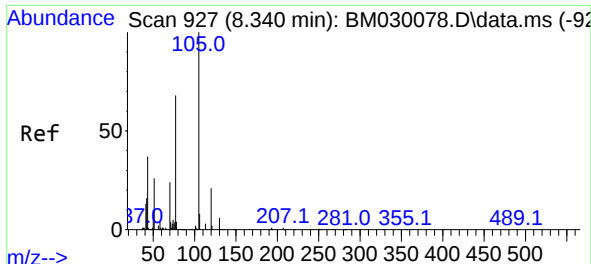
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#14
2,2'-oxybis(1-Chloropropane)
Concen: 72.70 ng/ul
RT: 8.051 min Scan# 878
Delta R.T. 0.000 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50

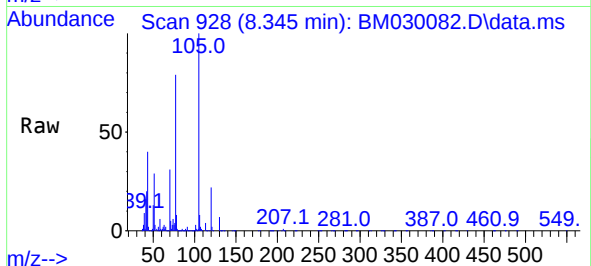
Tgt Ion: 45 Resp: 1471818
Ion Ratio Lower Upper
45 100
77 13.6 12.3 18.5
79 10.2 9.1 13.7





#16
Acetophenone
Concen: 65.62 ng/ul
RT: 8.345 min Scan# 928
Delta R.T. 0.000 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50

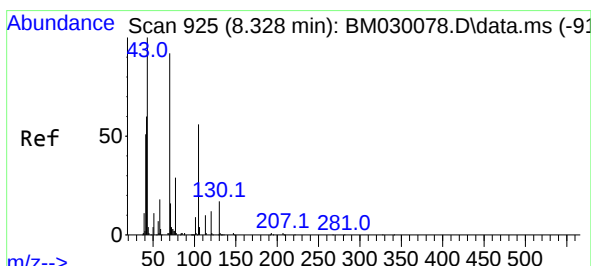
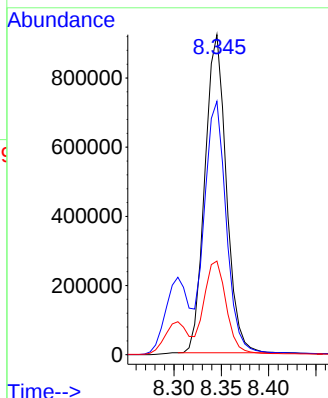
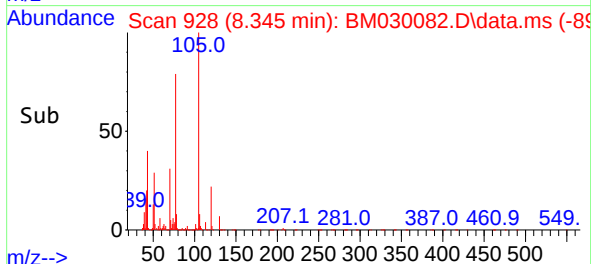
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ClientSampled :
SP



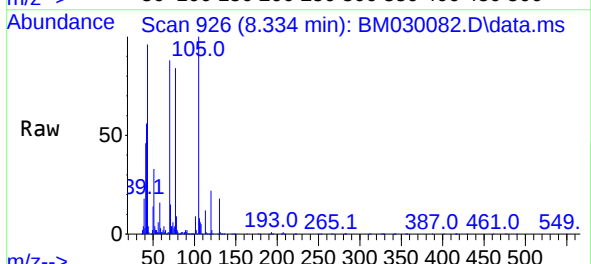
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Ion Ratio Lower Upper
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51 29.2 24.3 36.5

Manual Integrations
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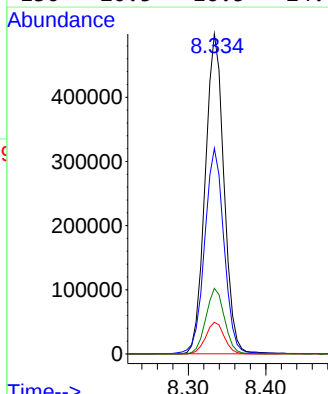
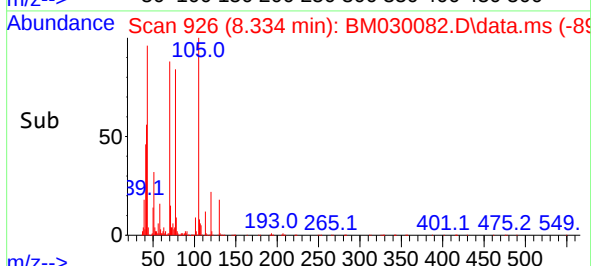
mohammad
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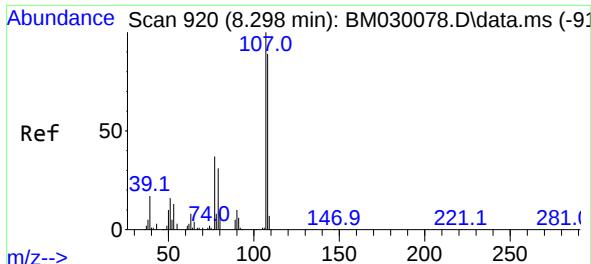


#17
N-Nitroso-di-n-propylamine
Concen: 74.16 ng/ul
RT: 8.334 min Scan# 926
Delta R.T. 0.006 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50



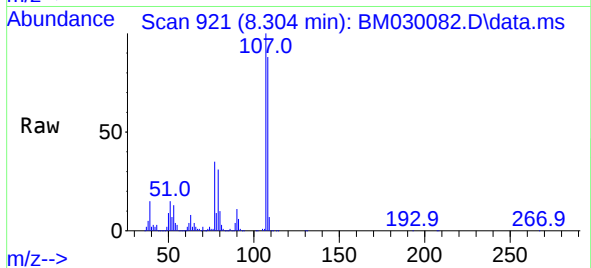
Tgt Ion: 70 Resp: 838408
Ion Ratio Lower Upper
70 100
42 64.3 49.4 74.0
101 9.9 7.8 11.6
130 20.5 16.5 24.7



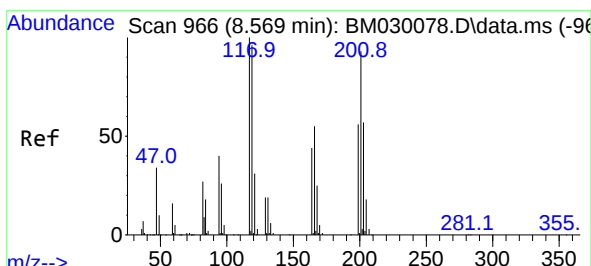
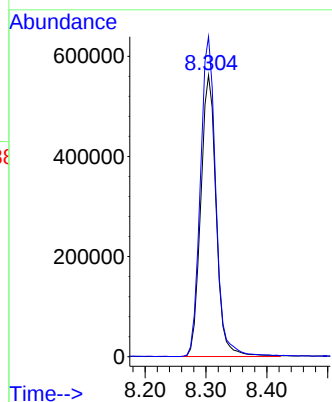
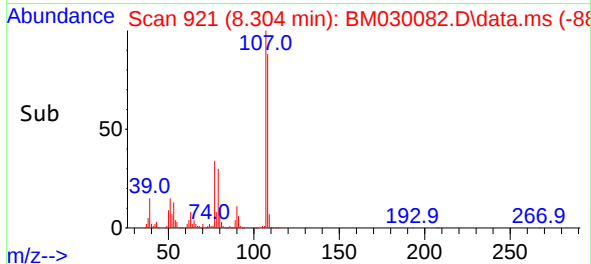


#18
4-Methylphenol
Concen: 69.30 ng/ul
RT: 8.304 min Scan# 921
Delta R.T. 0.006 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50

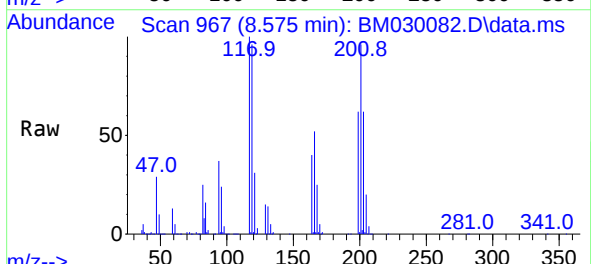
Instrument :
BNA_M
ClientSampled :
SP



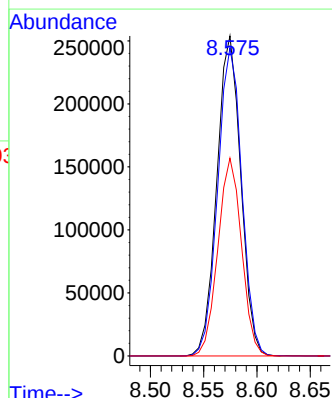
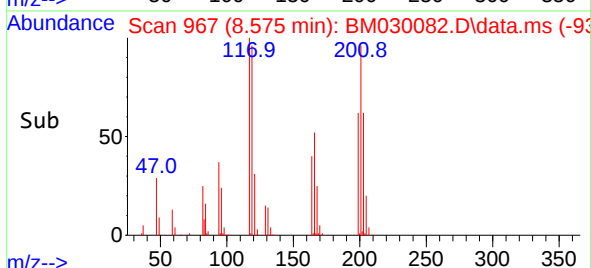
Tgt Ion:108 Resp: 989325
Ion Ratio Lower Upper
108 100
107 113.7 89.4 134.0

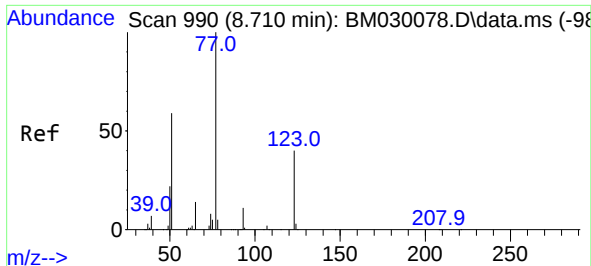


#19
Hexachloroethane
Concen: 71.51 ng/ul
RT: 8.575 min Scan# 967
Delta R.T. -0.000 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50



Tgt Ion:117 Resp: 395890
Ion Ratio Lower Upper
117 100
201 96.3 79.4 119.2
199 61.8 48.0 72.0





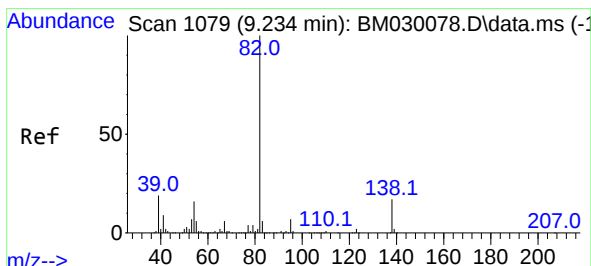
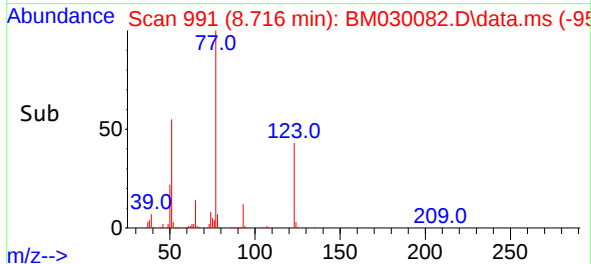
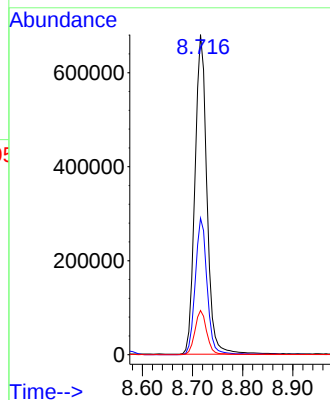
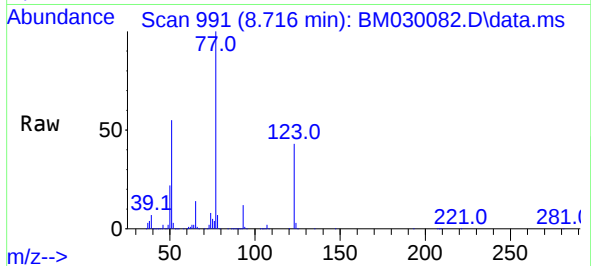
#22
Nitrobenzene
Concen: 76.99 ng/ul
RT: 8.716 min Scan# 991
Delta R.T. -0.000 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50

Tgt Ion: 77 Resp: 1128765
Ion Ratio Lower Upper
77 100
123 42.7 35.0 52.6
65 13.8 10.3 15.5

Instrument :
BNA_M
ClientSampled :
SP

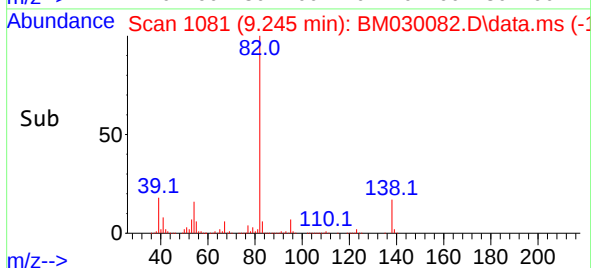
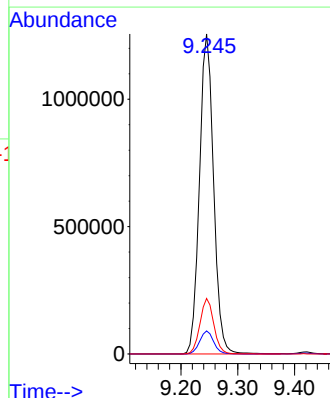
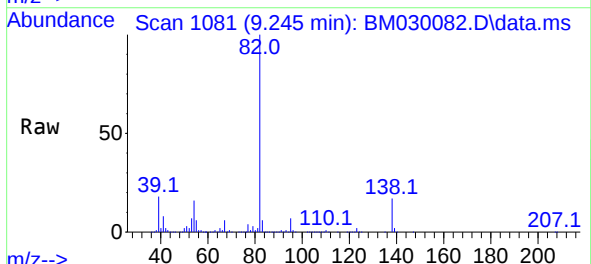
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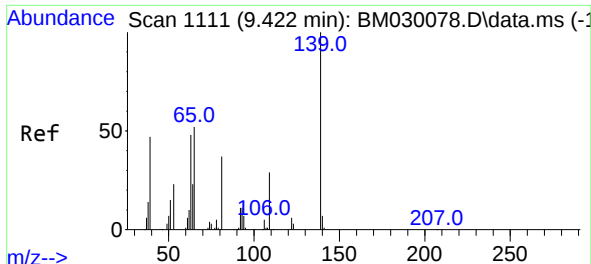
mohammad
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#23
Isophorone
Concen: 70.16 ng/ul
RT: 9.245 min Scan# 1081
Delta R.T. 0.006 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50

Tgt Ion: 82 Resp: 2175561
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 17.4 13.8 20.6





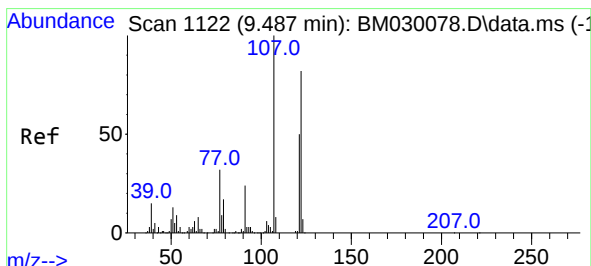
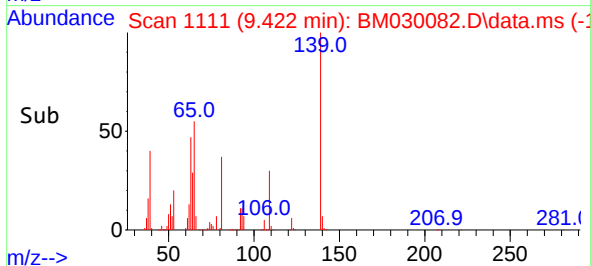
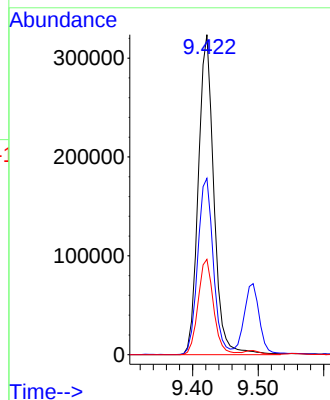
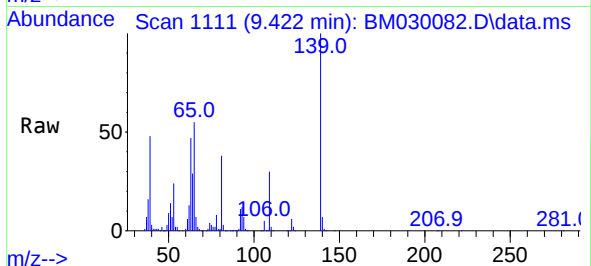
#25
2-Nitrophenol
Concen: 77.59 ng/ul
RT: 9.422 min Scan# 1111
Delta R.T. 0.000 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50

Tgt Ion:139 Resp: 534923
Ion Ratio Lower Upper
139 100
65 55.1 44.6 67.0
109 29.8 24.4 36.6

Instrument :
BNA_M
ClientSampled :
SP

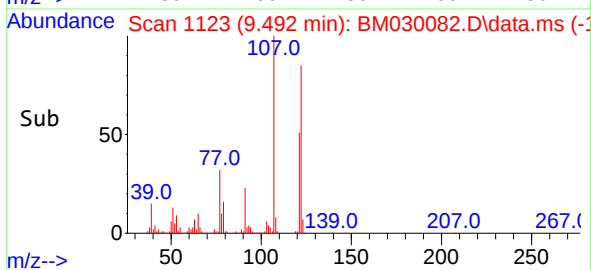
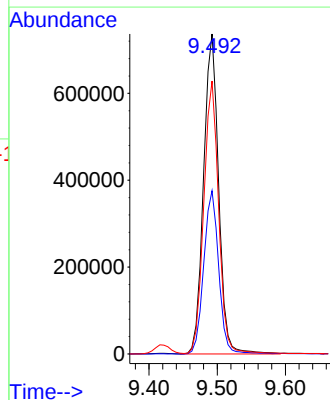
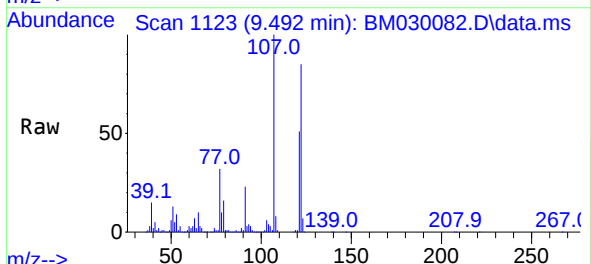
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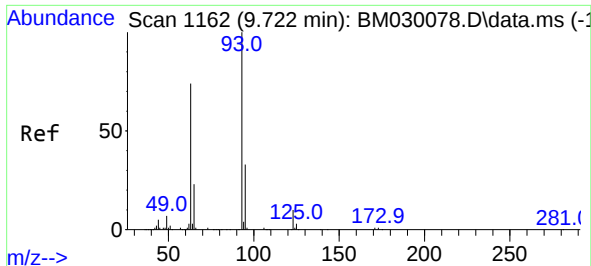
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#26
2,4-Dimethylphenol
Concen: 72.68 ng/ul
RT: 9.492 min Scan# 1123
Delta R.T. 0.006 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50

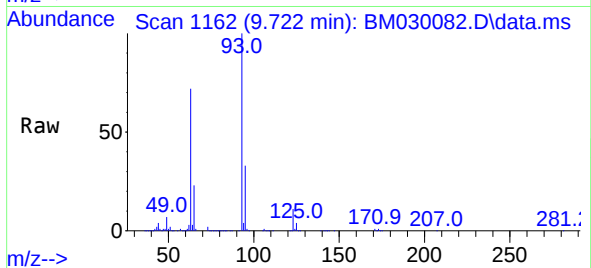
Tgt Ion:107 Resp: 1130720
Ion Ratio Lower Upper
107 100
121 51.0 40.7 61.1
122 85.3 68.9 103.3





#27
Bis(2-Chloroethoxy)methane
Concen: 70.89 ng/ul
RT: 9.722 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50

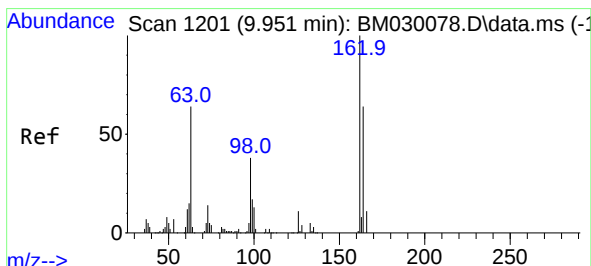
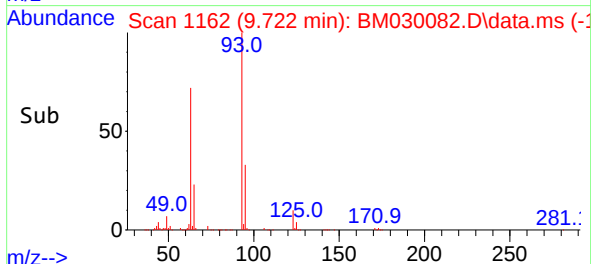
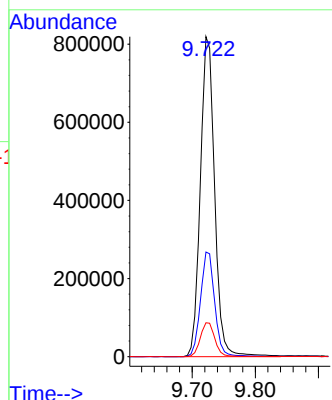
Instrument :
BNA_M
ClientSampled :
SP



Tgt Ion: 93 Resp: 1287480
Ion Ratio Lower Upper
93 100
95 32.7 25.3 37.9
123 10.6 8.8 13.2

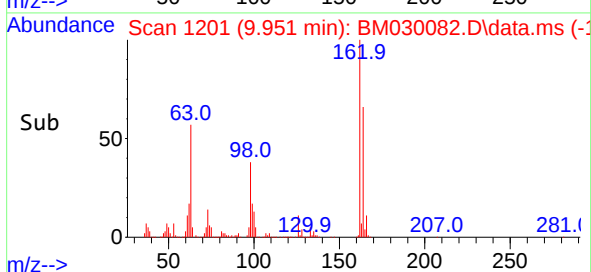
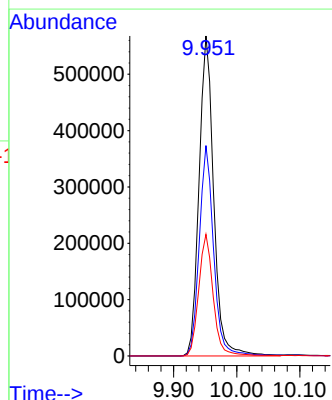
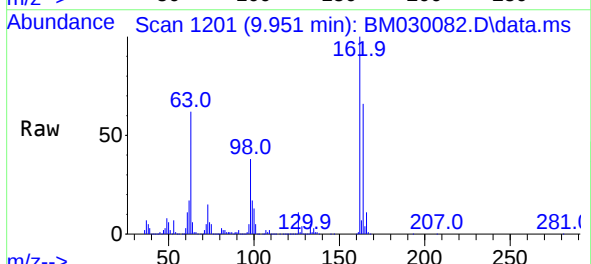
Manual Integrations
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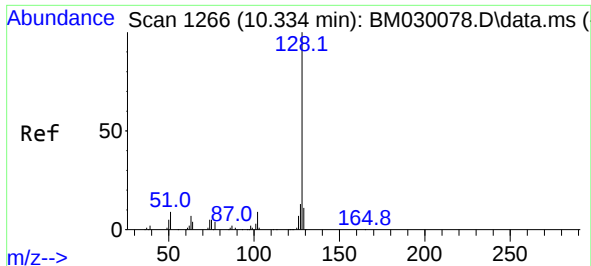
mohammad
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#29
2,4-Dichlorophenol
Concen: 73.26 ng/ul
RT: 9.951 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50

Tgt Ion: 162 Resp: 916157
Ion Ratio Lower Upper
162 100
164 65.8 51.2 76.8
98 38.0 29.7 44.5





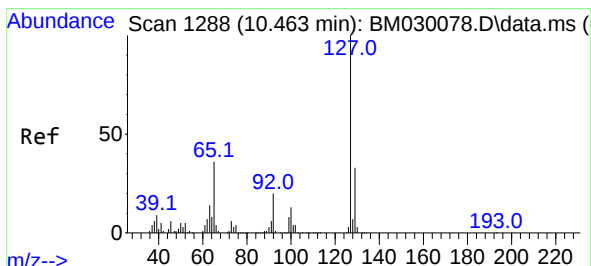
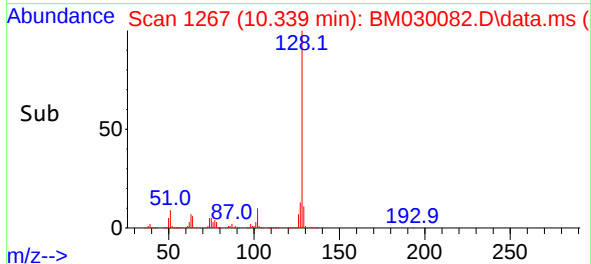
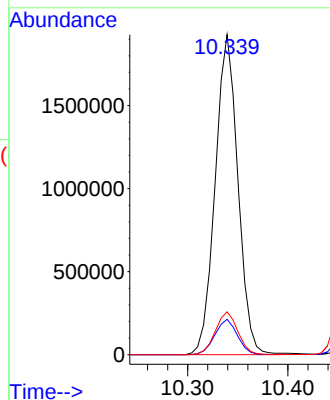
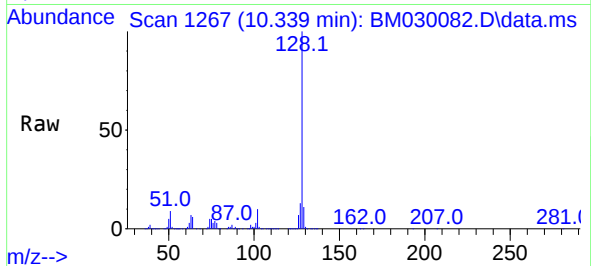
#30
Naphthalene
Concen: 66.76 ng/ul
RT: 10.339 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50

Tgt Ion:128 Resp: 3025164
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 13.4 10.4 15.6

Instrument :
BNA_M
ClientSampled :
SP

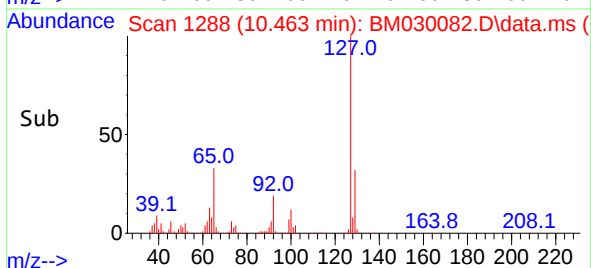
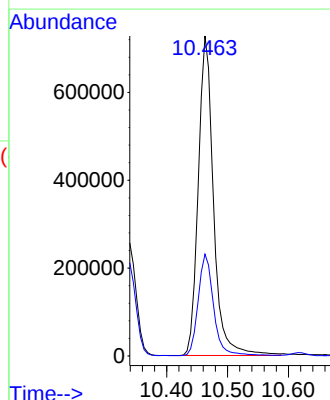
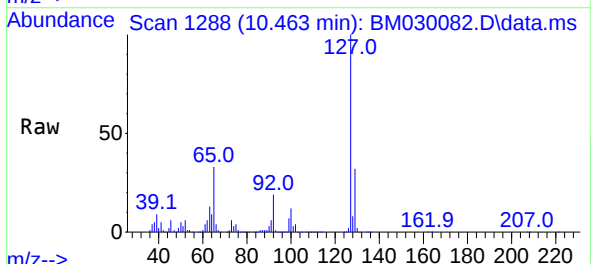
Manual Integrations
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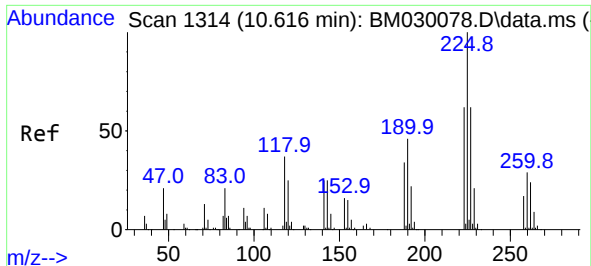
mohammad
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#32
4-Chloroaniline
Concen: 63.36 ng/ul
RT: 10.463 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50

Tgt Ion:127 Resp: 1264909
Ion Ratio Lower Upper
127 100
129 31.8 26.3 39.5





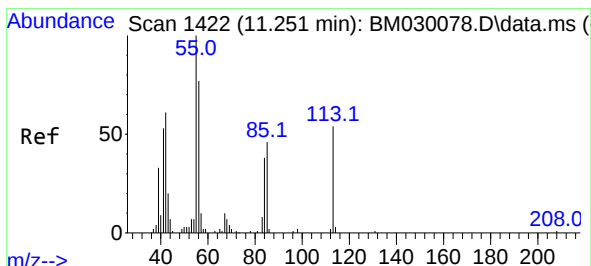
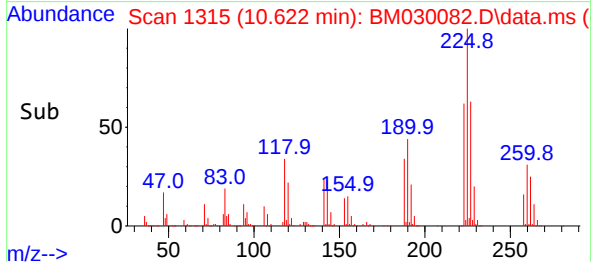
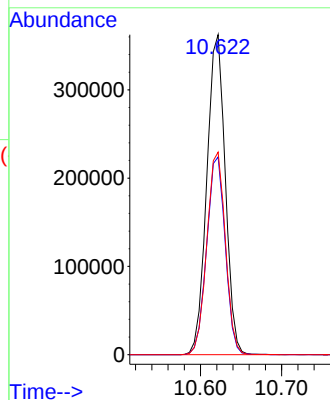
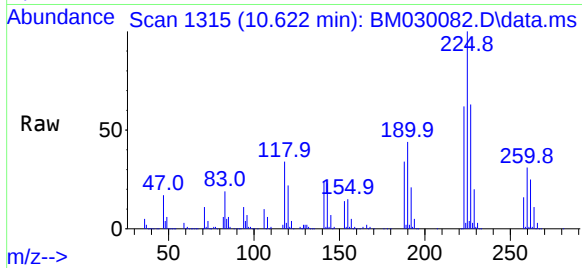
#33
Hexachlorobutadiene
Concen: 68.21 ng/ul
RT: 10.622 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50

Tgt Ion:225 Resp: 571858
Ion Ratio Lower Upper
225 100
223 61.8 53.0 79.4
227 63.3 51.2 76.8

Instrument :
BNA_M
ClientSampled :
SP

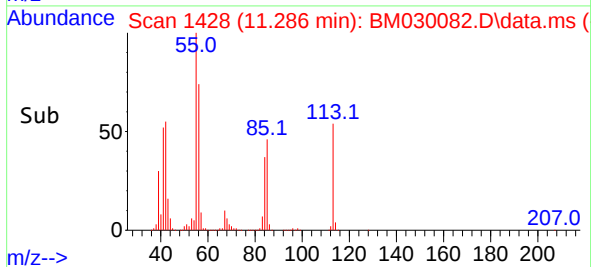
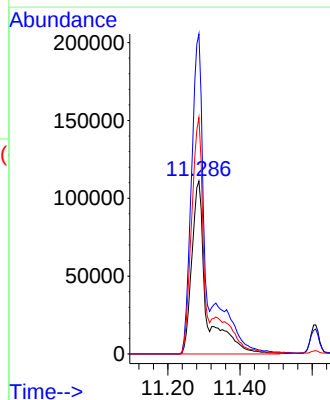
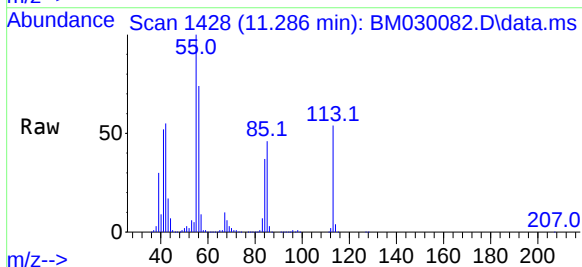
Manual Integrations
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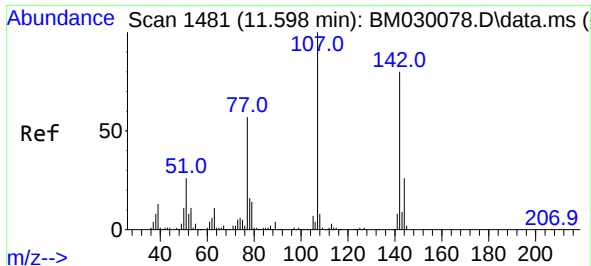
mohammad
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#34
Caprolactam
Concen: 71.48 ng/ul m
RT: 11.286 min Scan# 1428
Delta R.T. 0.029 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50

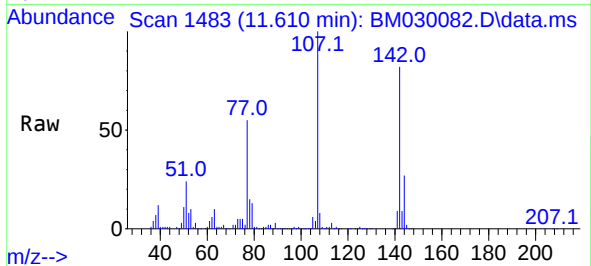
Tgt Ion:113 Resp: 317227
Ion Ratio Lower Upper
113 100
55 185.0 138.9 208.3
56 136.7 105.4 158.2





#35
4-Chloro-3-methylphenol
Concen: 75.03 ng/ul
RT: 11.610 min Scan# 1483
Delta R.T. 0.012 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50

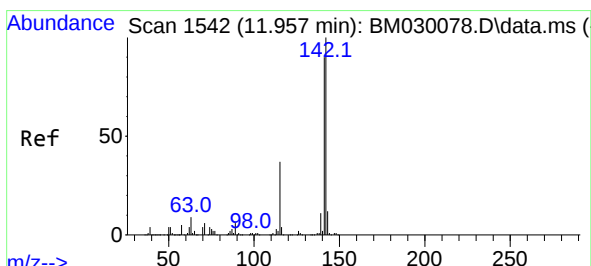
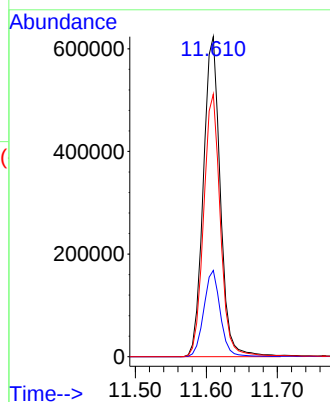
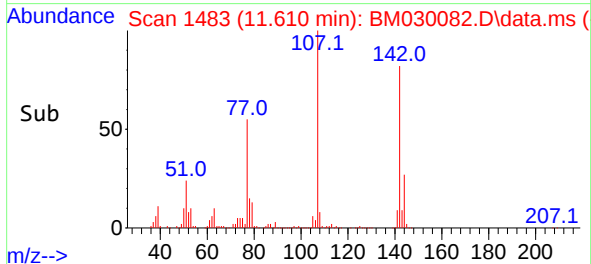
Instrument :
BNA_M
ClientSampled :
SP



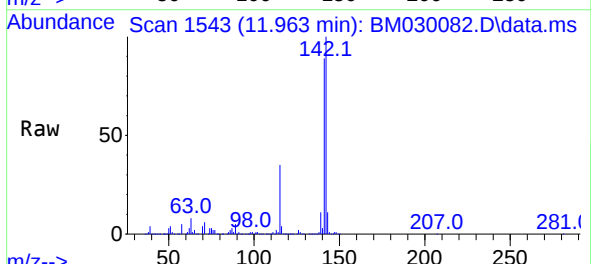
Tgt Ion:107 Resp: 1038362
Ion Ratio Lower Upper
107 100
144 27.0 21.3 31.9
142 82.1 64.6 97.0

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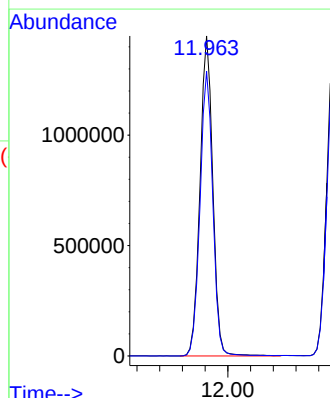
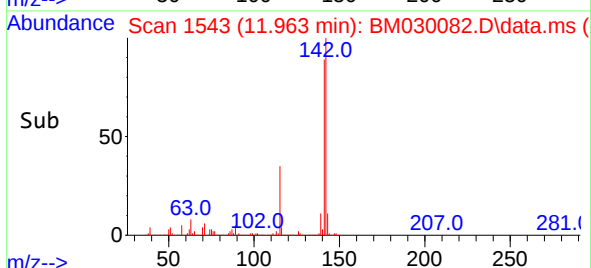
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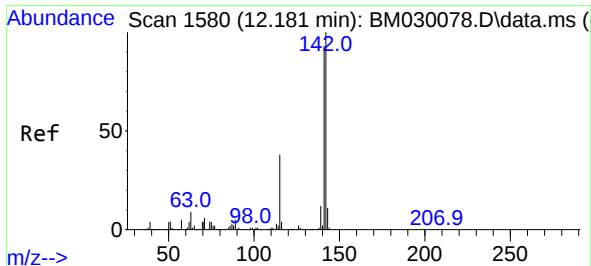


#36
2-Methylnaphthalene
Concen: 68.73 ng/ul
RT: 11.963 min Scan# 1543
Delta R.T. -0.000 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50



Tgt Ion:142 Resp: 2259511
Ion Ratio Lower Upper
142 100
141 88.9 72.1 108.1





#37

1-Methylnaphthalene

Concen: 66.83 ng/ul

RT: 12.186 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BM030082.D

Acq: 19 May 2021 16:50

Tgt Ion:142 Resp: 2177209

Ion Ratio Lower Upper

142 100

141 92.6 72.9 109.3

116 3.8 3.0 4.6

Instrument :

BNA_M

ClientSampleId :

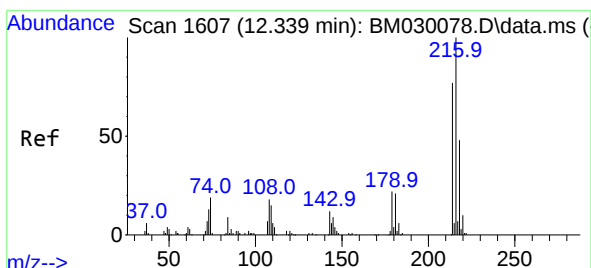
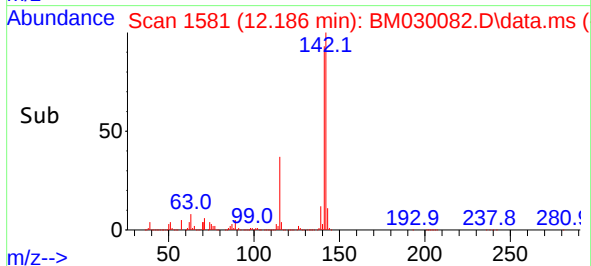
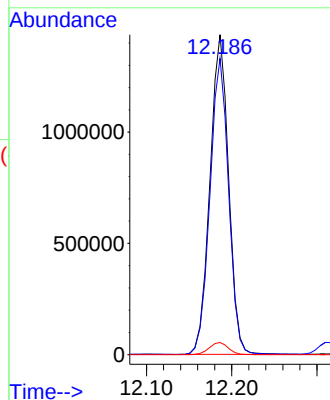
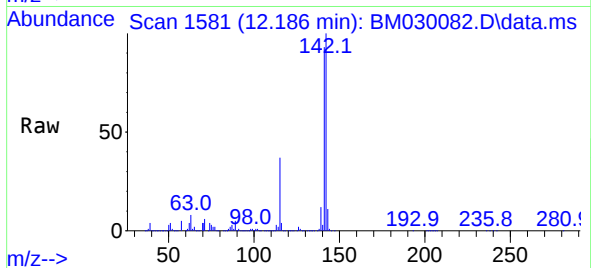
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#39

1,2,4,5-Tetrachlorobenzene

Concen: 68.69 ng/ul

RT: 12.339 min Scan# 1607

Delta R.T. 0.000 min

Lab File: BM030082.D

Acq: 19 May 2021 16:50

Tgt Ion:216 Resp: 1160603

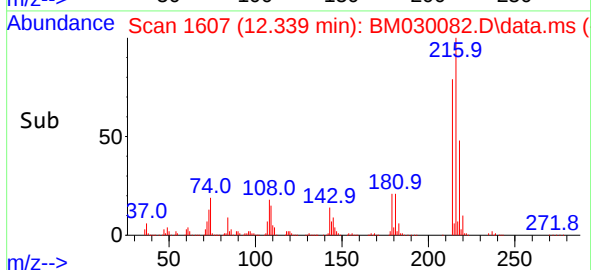
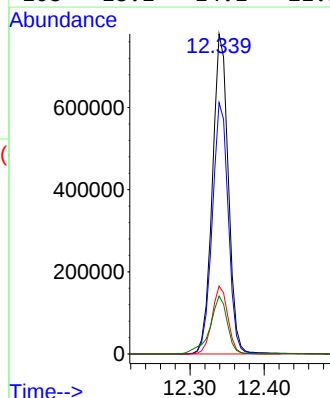
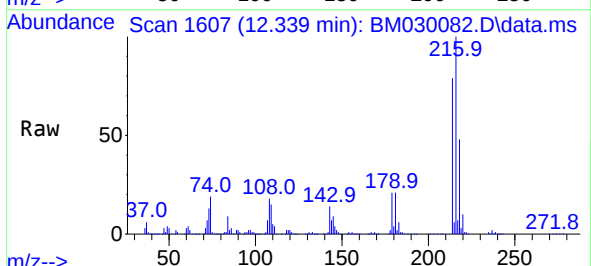
Ion Ratio Lower Upper

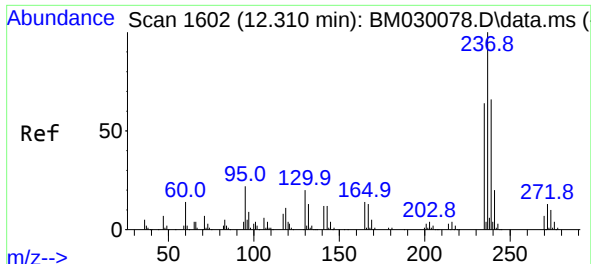
216 100

214 78.5 61.9 92.9

179 21.2 16.8 25.2

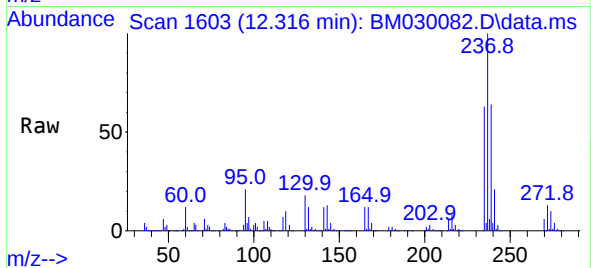
108 18.1 14.1 21.1





#40
Hexachlorocyclopentadiene
Concen: 76.84 ng/ul
RT: 12.316 min Scan# 1603
Delta R.T. -0.000 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50

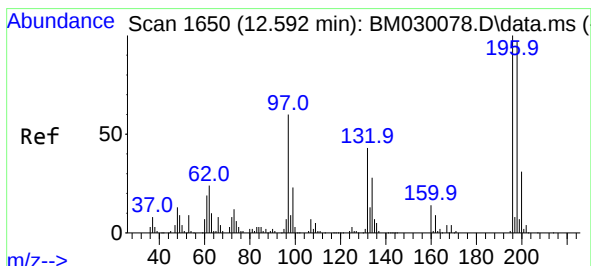
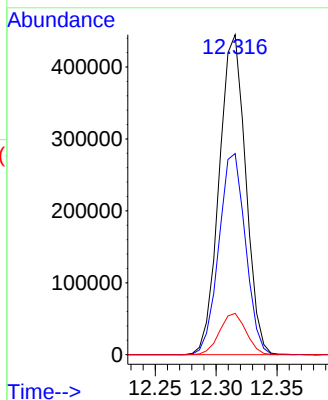
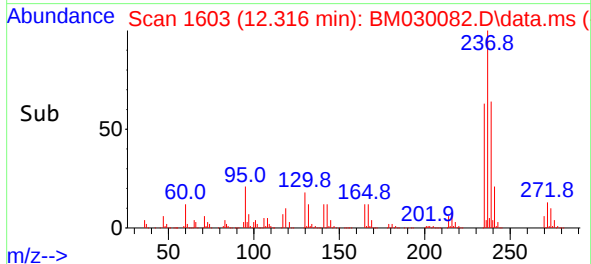
Instrument :
BNA_M
ClientSampled :
SP



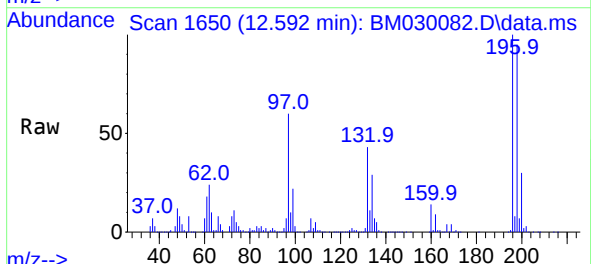
Tgt Ion:237 Resp: 674359
Ion Ratio Lower Upper
237 100
235 62.8 50.0 75.0
272 12.9 10.2 15.2

Manual Integrations
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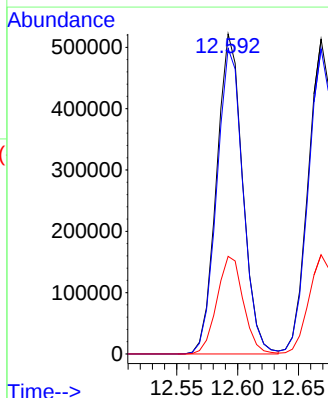
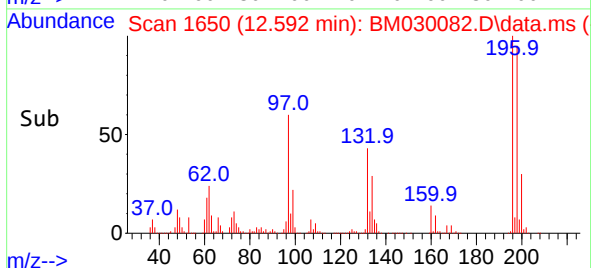
mohammad
5/20/2021 11:36:14 AM

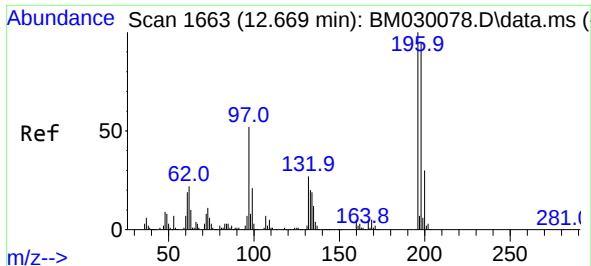


#41
2,4,6-Trichlorophenol
Concen: 75.45 ng/ul
RT: 12.592 min Scan# 1650
Delta R.T. 0.000 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50



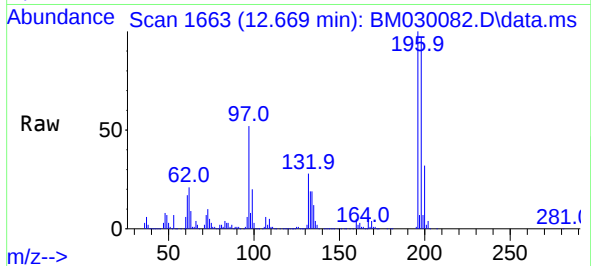
Tgt Ion:196 Resp: 777381
Ion Ratio Lower Upper
196 100
198 95.5 77.0 115.4
200 30.5 23.7 35.5





#42
2,4,5-Trichlorophenol
Concen: 75.28 ng/ul
RT: 12.669 min Scan# 1663
Delta R.T. -0.000 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50

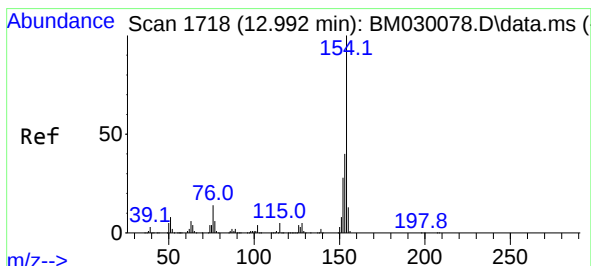
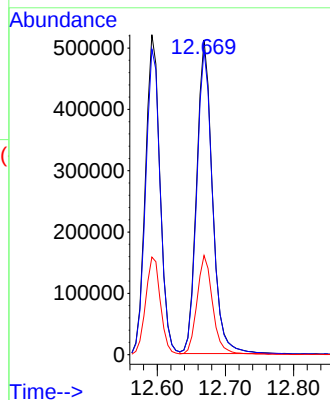
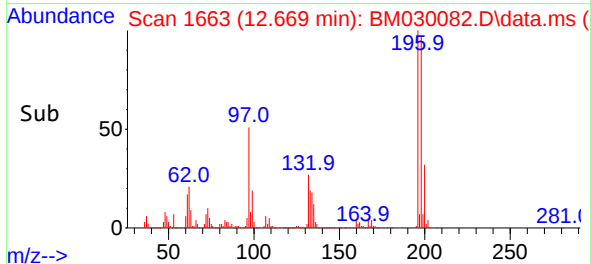
Instrument :
BNA_M
ClientSampled :
SP



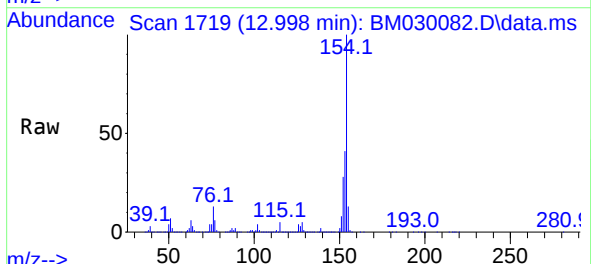
Tgt Ion:196 Resp: 820856
Ion Ratio Lower Upper
196 100
198 96.9 75.3 112.9
200 31.5 24.6 36.8

Manual Integrations
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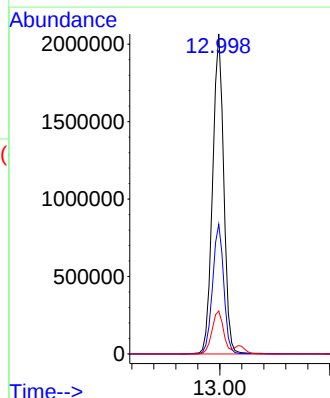
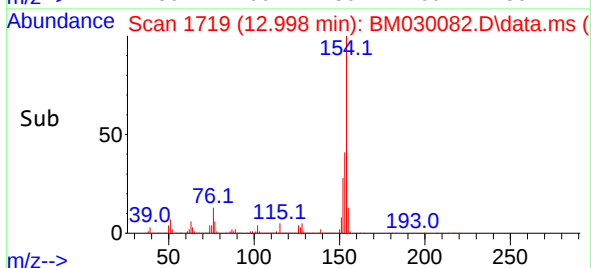
mohammad
5/20/2021 11:36:14 AM

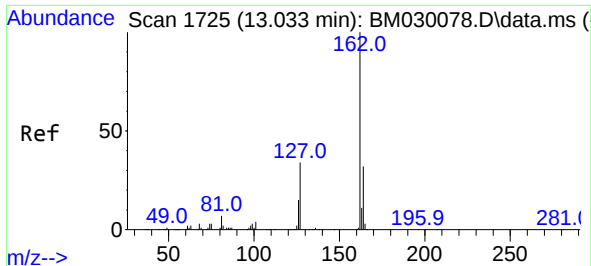


#43
1,1'-Biphenyl
Concen: 68.58 ng/ul
RT: 12.998 min Scan# 1719
Delta R.T. 0.000 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50



Tgt Ion:154 Resp: 2914889
Ion Ratio Lower Upper
154 100
153 40.6 33.3 49.9
76 13.5 10.3 15.5





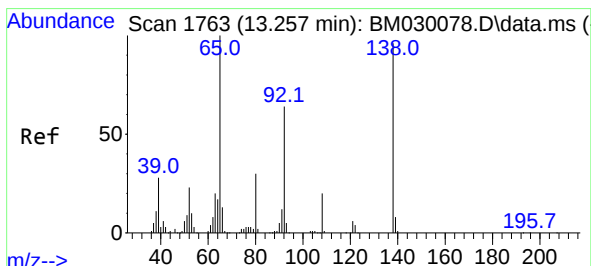
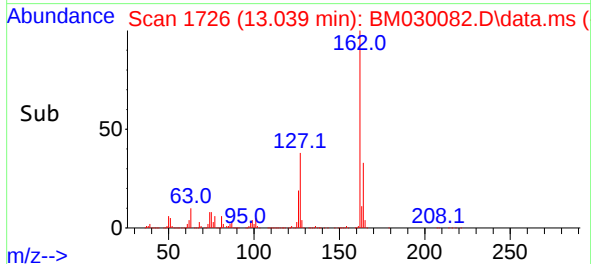
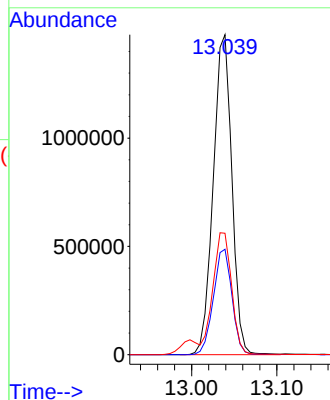
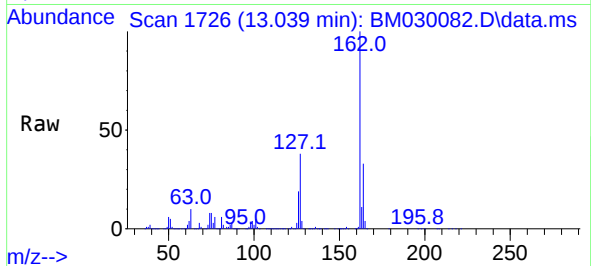
#44
2-Chloronaphthalene
Concen: 68.73 ng/ul
RT: 13.039 min Scan# 1726
Delta R.T. 0.006 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50

Instrument :
BNA_M
ClientSampled :
SP

Tgt Ion:162 Resp: 2241828
Ion Ratio Lower Upper
162 100
164 33.0 25.8 38.6
127 37.9 31.0 46.6

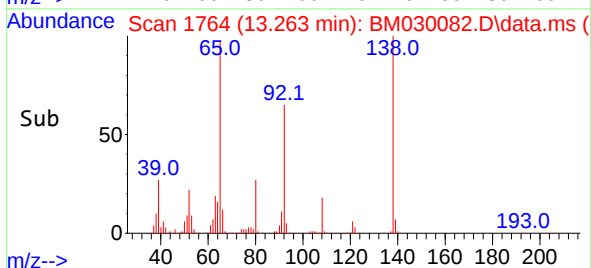
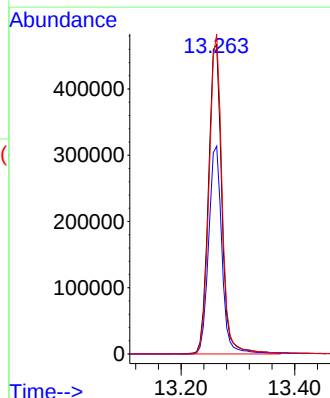
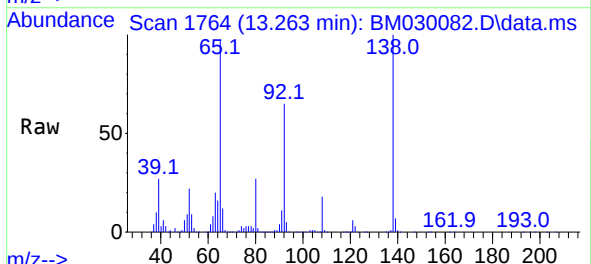
Manual Integrations
APPROVED

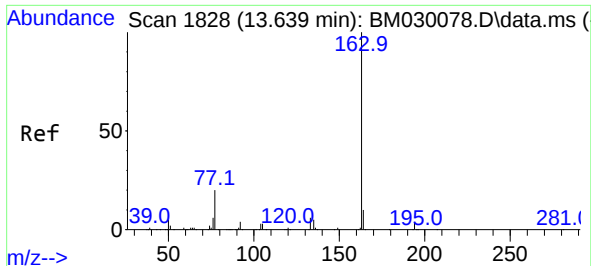
mohammad
5/20/2021 11:36:14 AM



#45
2-Nitroaniline
Concen: 92.52 ng/ul
RT: 13.263 min Scan# 1764
Delta R.T. 0.000 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50

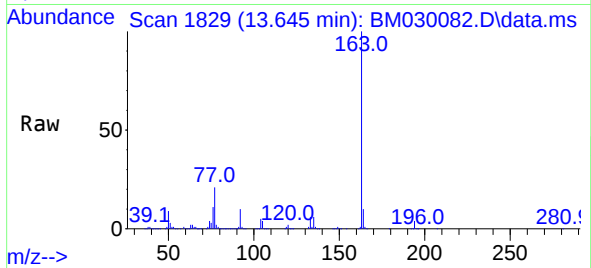
Tgt Ion: 65 Resp: 762757
Ion Ratio Lower Upper
65 100
92 67.2 53.2 79.8
138 103.5 81.1 121.7





#47
Dimethylphthalate
Concen: 67.87 ng/ul
RT: 13.645 min Scan# 1829
Delta R.T. 0.006 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50

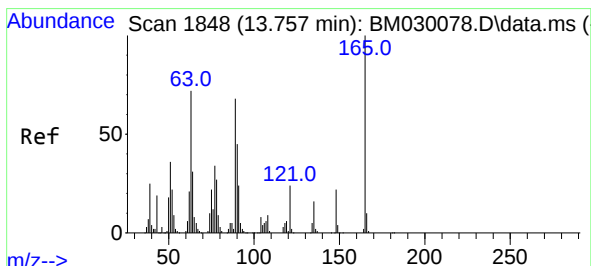
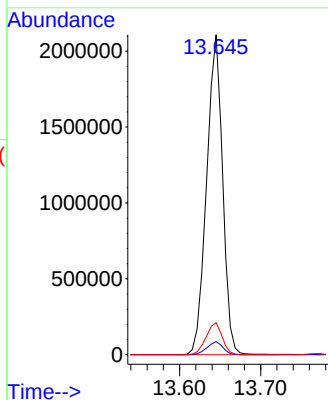
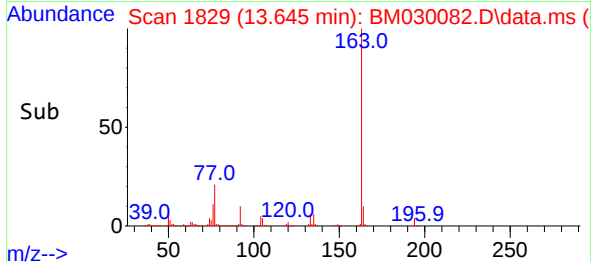
Instrument :
BNA_M
ClientSampled :
SP



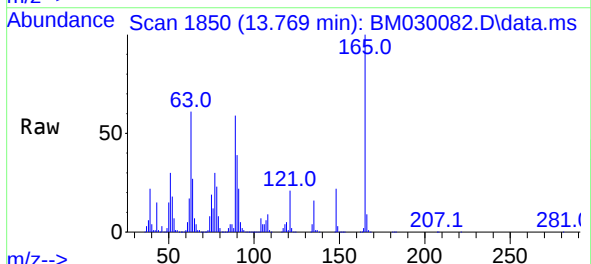
Tgt Ion:163 Resp: 2880234
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.0 7.8 11.8

Manual Integrations
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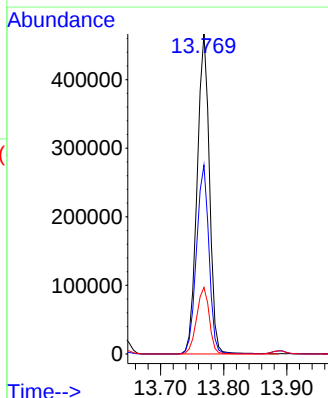
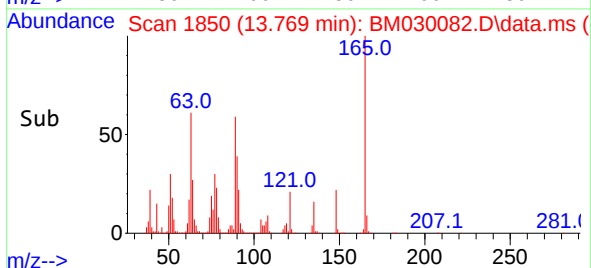
mohammad
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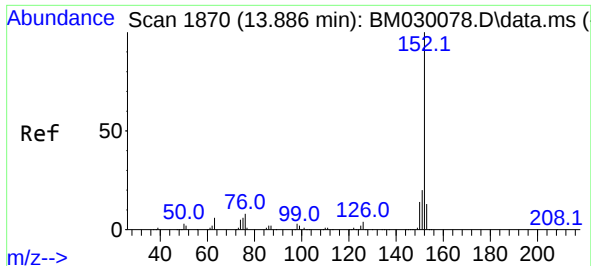


#48
2,6-Dinitrotoluene
Concen: 82.92 ng/ul
RT: 13.769 min Scan# 1850
Delta R.T. 0.006 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50



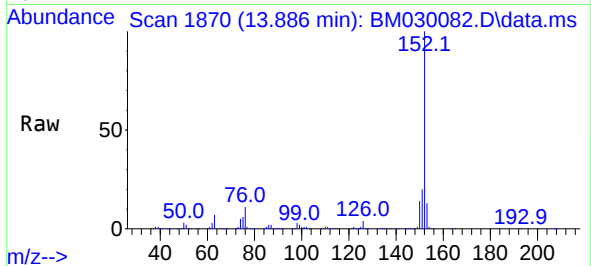
Tgt Ion:165 Resp: 631672
Ion Ratio Lower Upper
165 100
89 59.0 52.5 78.7
121 20.8 18.8 28.2





#50
Acenaphthylene
Concen: 66.96 ng/ul
RT: 13.886 min Scan# 1870
Delta R.T. 0.000 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50

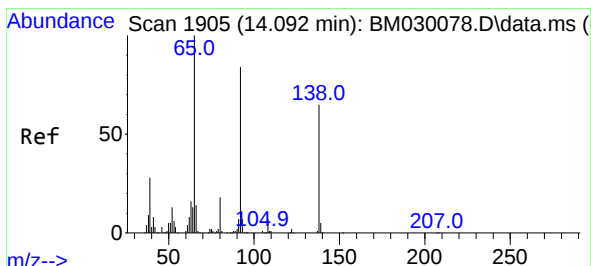
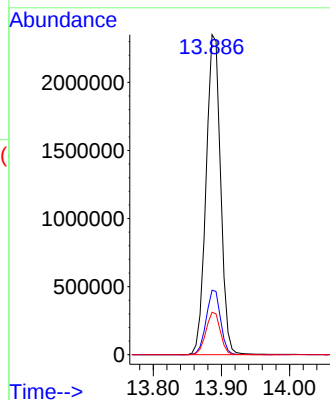
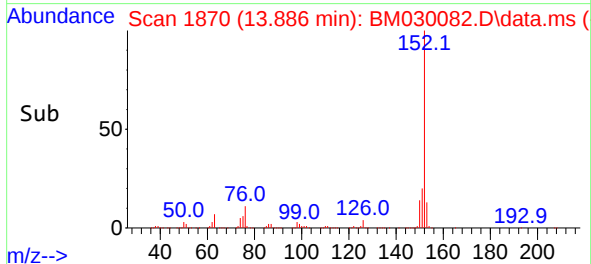
Instrument :
BNA_M
ClientSampled :
SP



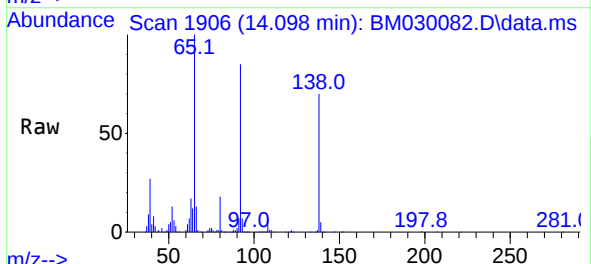
Tgt Ion:152 Resp: 3478340
Ion Ratio Lower Upper
152 100
151 20.1 16.6 24.8
153 13.2 10.6 16.0

Manual Integrations
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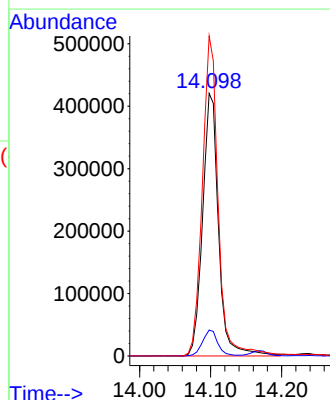
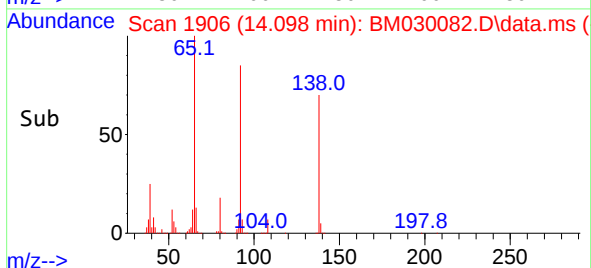
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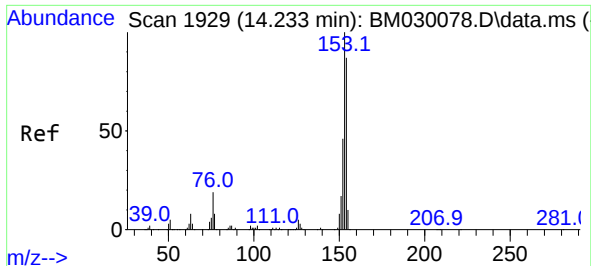


#51
3-Nitroaniline
Concen: 76.88 ng/ul
RT: 14.098 min Scan# 1906
Delta R.T. 0.000 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50



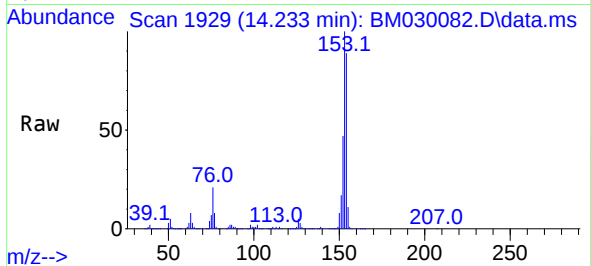
Tgt Ion:138 Resp: 657908
Ion Ratio Lower Upper
138 100
108 9.9 8.5 12.7
92 121.8 100.1 150.1





#52
Acenaphthene
Concen: 67.36 ng/ul
RT: 14.233 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50

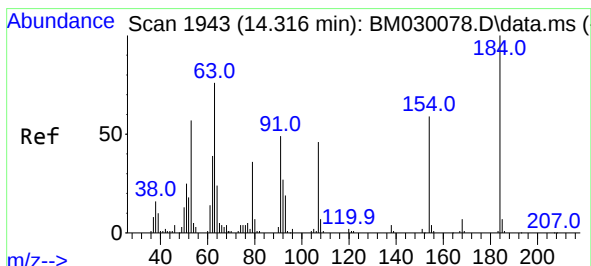
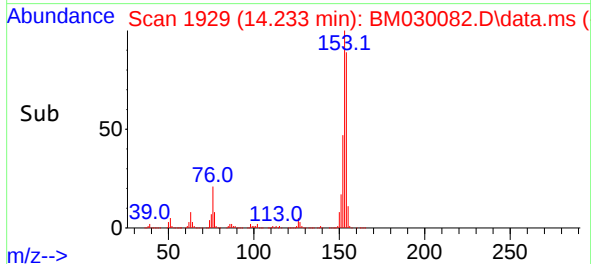
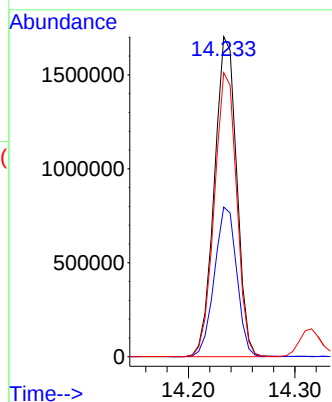
Instrument :
BNA_M
ClientSampled :
SP



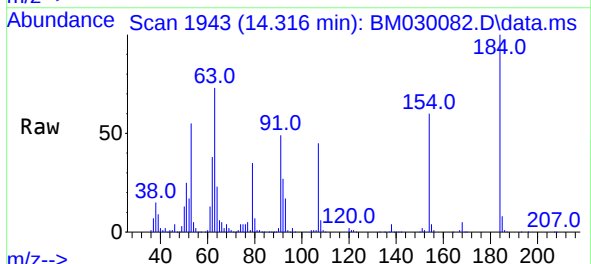
Tgt Ion:153 Resp: 2472948
Ion Ratio Lower Upper
153 100
152 46.7 37.7 56.5
154 88.7 70.2 105.4

Manual Integrations
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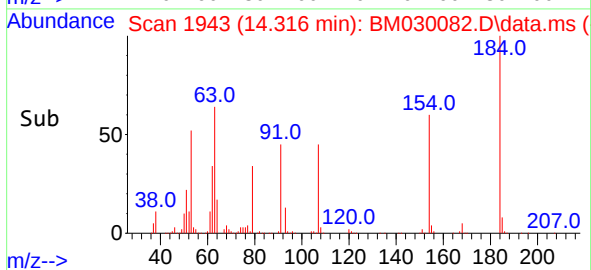
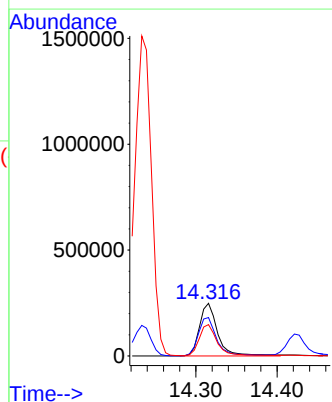
mohammad
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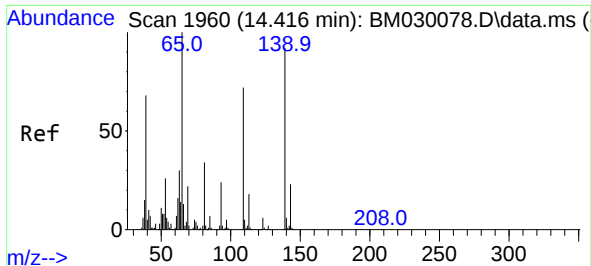


#53
2,4-Dinitrophenol
Concen: 74.35 ng/ul
RT: 14.316 min Scan# 1943
Delta R.T. 0.000 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50



Tgt Ion:184 Resp: 385364
Ion Ratio Lower Upper
184 100
63 73.0 57.2 85.8
154 59.6 45.8 68.6





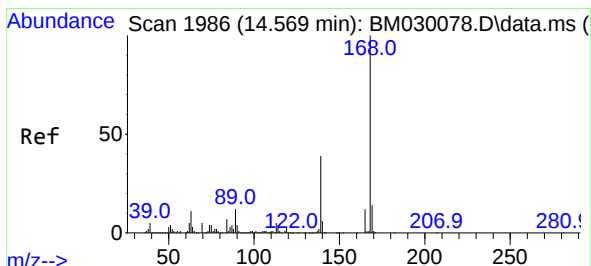
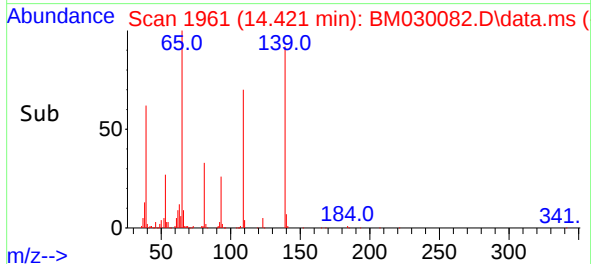
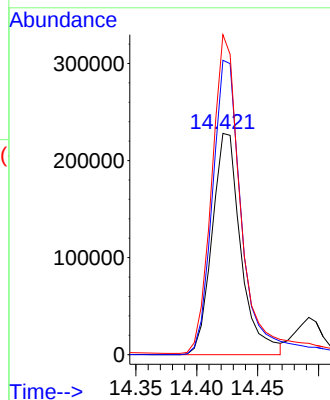
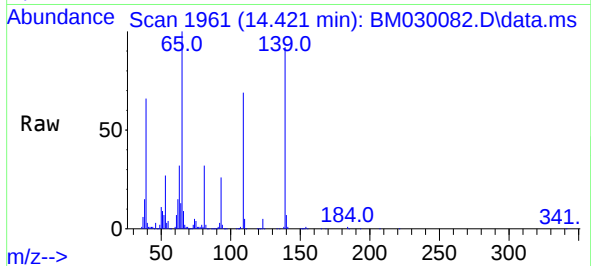
#55
4-Nitrophenol
Concen: 70.66 ng/ul
RT: 14.421 min Scan# 1961
Delta R.T. 0.000 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50

Tgt Ion:109 Resp: 375022
Ion Ratio Lower Upper
109 100
139 133.1 102.1 153.1
65 144.7 114.6 172.0

Instrument :
BNA_M
ClientSampled :
SP

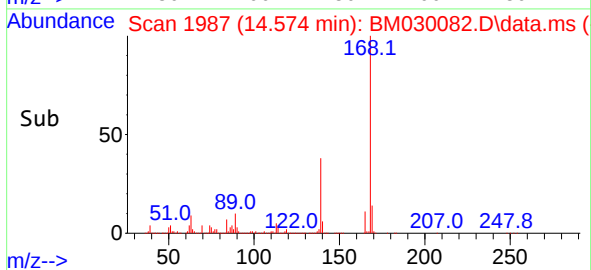
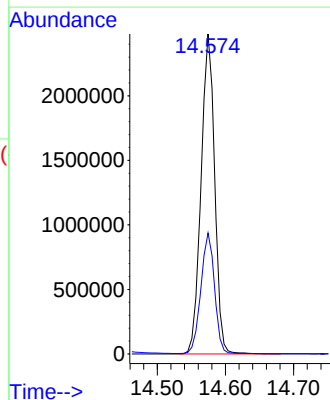
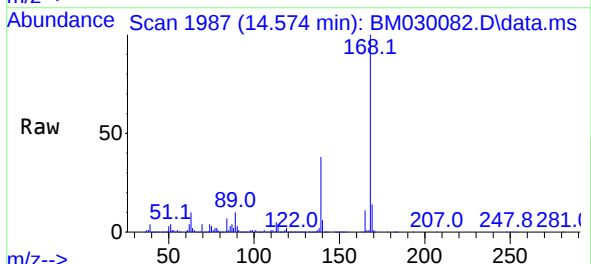
Manual Integrations
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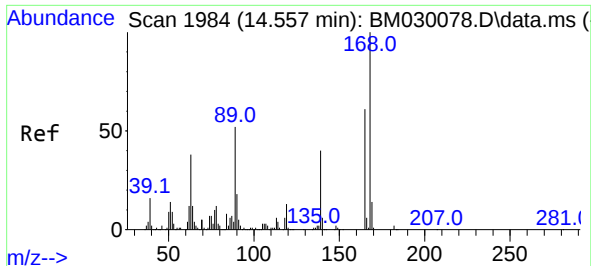
mohammad
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#56
Dibenzofuran
Concen: 68.35 ng/ul
RT: 14.574 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50

Tgt Ion:168 Resp: 3436557
Ion Ratio Lower Upper
168 100
139 37.8 29.8 44.6





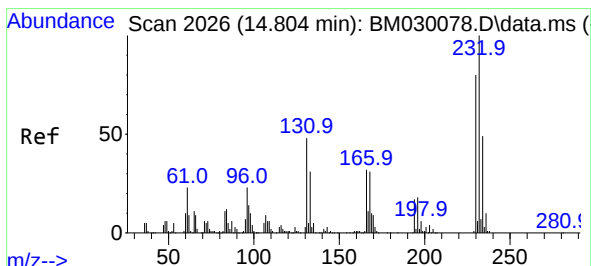
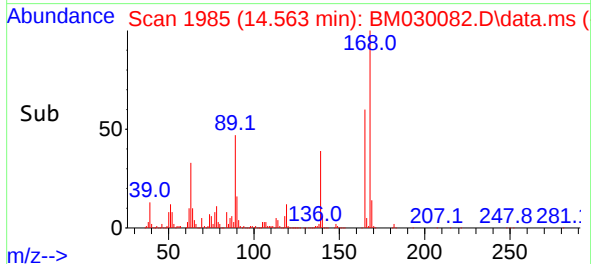
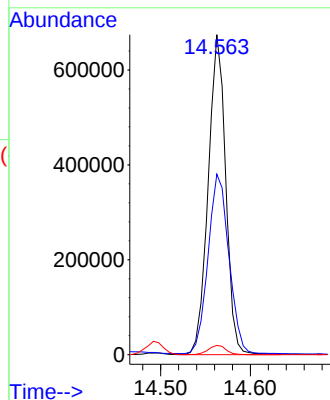
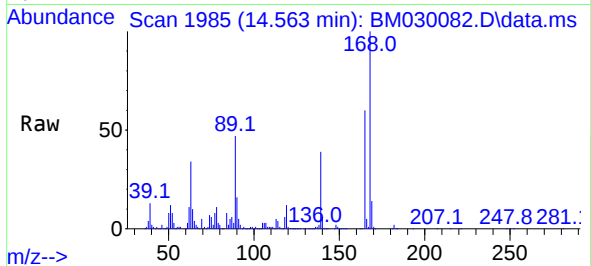
#57
2,4-Dinitrotoluene
Concen: 81.03 ng/ul
RT: 14.563 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50

Tgt Ion:165 Resp: 913479
Ion Ratio Lower Upper
165 100
63 56.4 40.7 61.1
182 2.9 2.1 3.1

Instrument :
BNA_M
ClientSampled :
SP

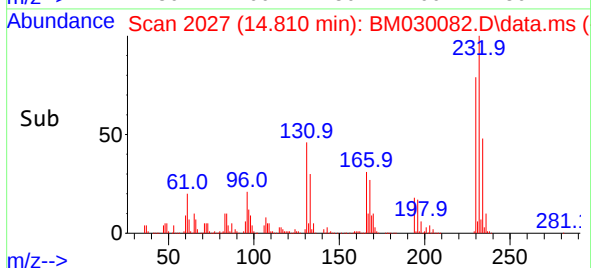
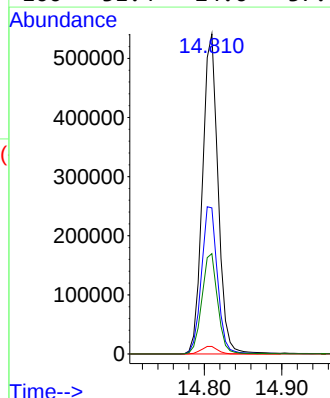
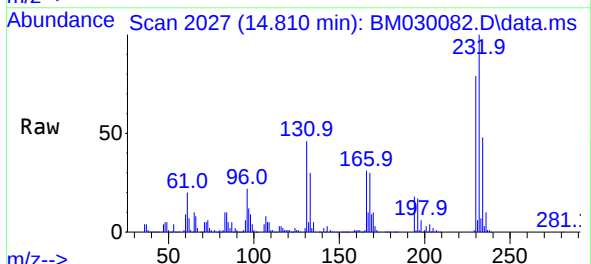
Manual Integrations
APPROVED

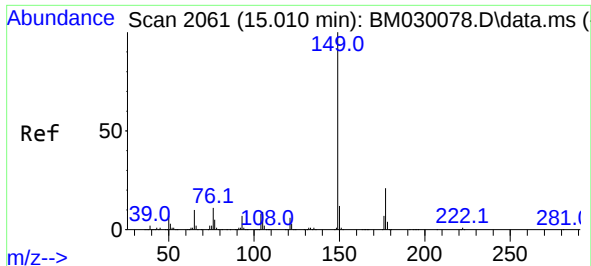
mohammad
5/20/2021 11:36:14 AM



#58
2,3,4,6-Tetrachlorophenol
Concen: 72.77 ng/ul
RT: 14.810 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50

Tgt Ion:232 Resp: 755579
Ion Ratio Lower Upper
232 100
131 45.7 38.3 57.5
130 2.4 2.0 3.0
166 31.4 24.6 37.0





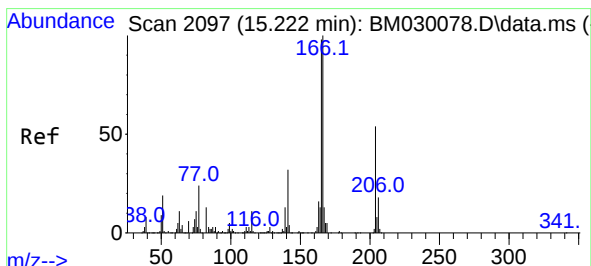
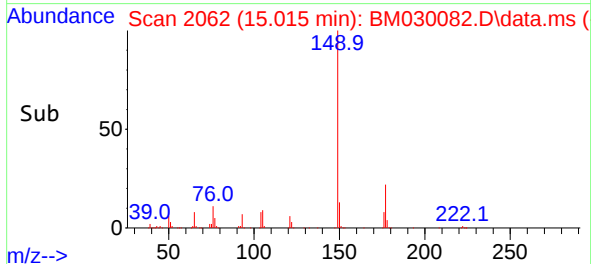
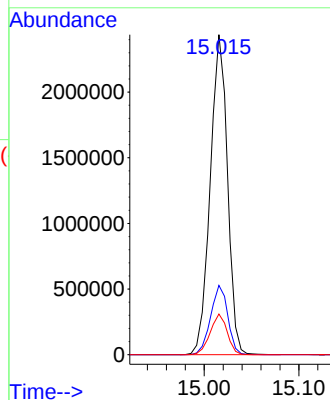
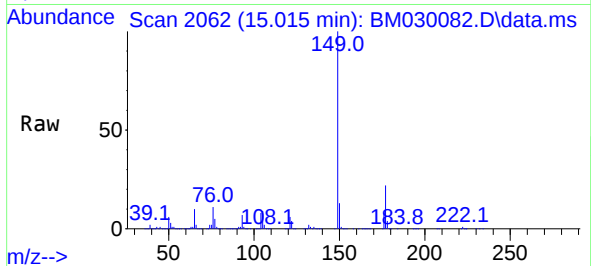
#59
Diethylphthalate
Concen: 69.55 ng/ul
RT: 15.015 min Scan# 2062
Delta R.T. 0.006 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50

Instrument :
BNA_M
ClientSampled :
SP

Tgt Ion:149 Resp: 3078181
Ion Ratio Lower Upper
149 100
177 21.7 17.2 25.8
150 12.7 10.0 15.0

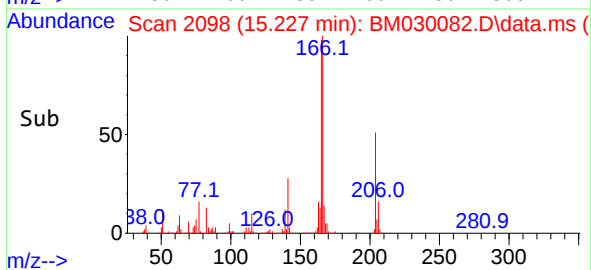
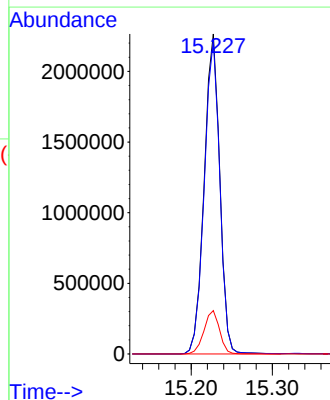
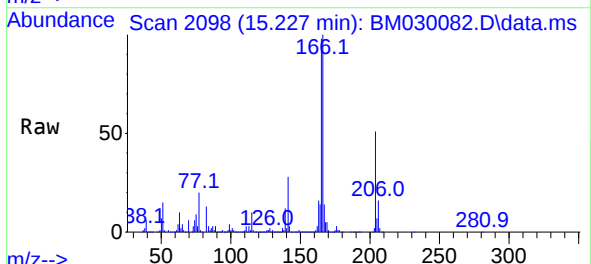
Manual Integrations
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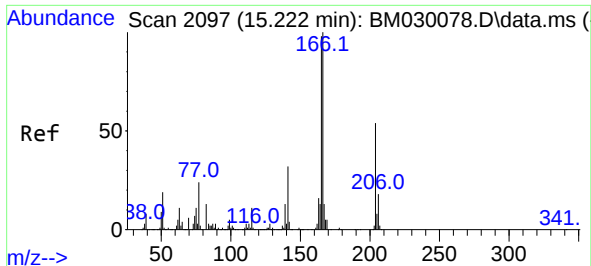
mohammad
5/20/2021 11:36:14 AM



#61
Fluorene
Concen: 69.99 ng/ul
RT: 15.227 min Scan# 2098
Delta R.T. 0.006 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50

Tgt Ion:166 Resp: 3008402
Ion Ratio Lower Upper
166 100
165 98.0 78.4 117.6
167 13.6 10.9 16.3





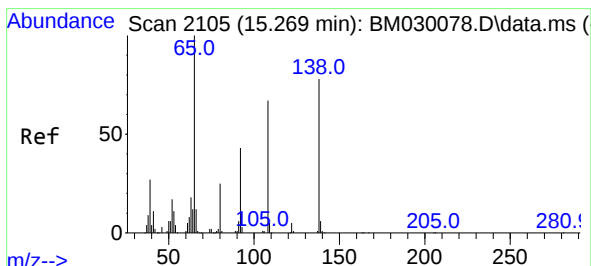
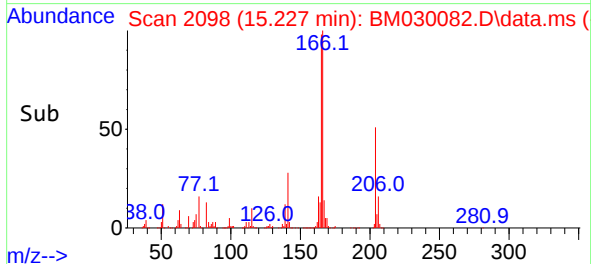
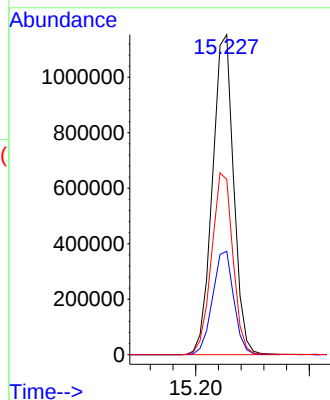
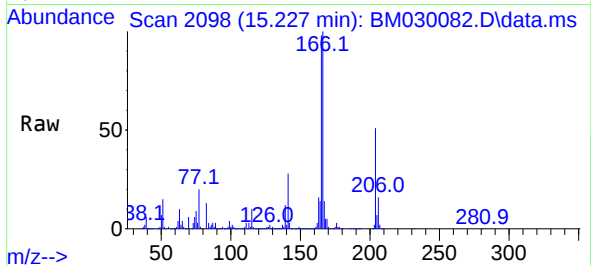
#62
4-Chlorophenyl-phenylether
Concen: 70.86 ng/ul
RT: 15.227 min Scan# 2098
Delta R.T. 0.006 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50

Instrument :
BNA_M
ClientSampled :
SP

Tgt Ion:204 Resp: 1496707
Ion Ratio Lower Upper
204 100
206 32.3 26.2 39.2
141 54.8 47.2 70.8

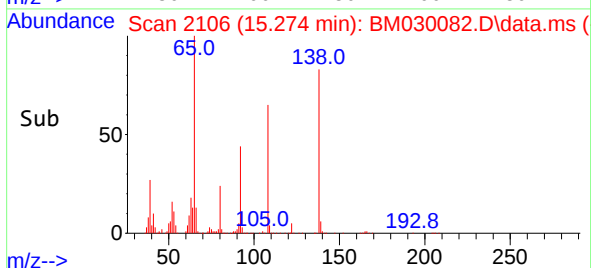
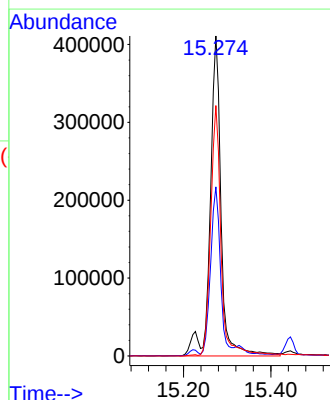
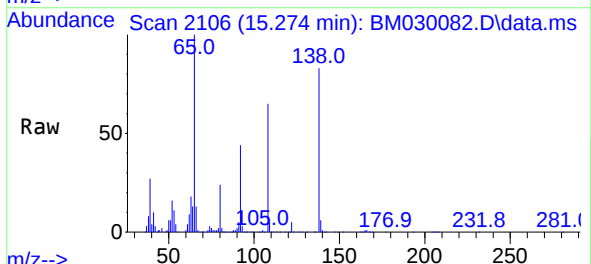
Manual Integrations
APPROVED

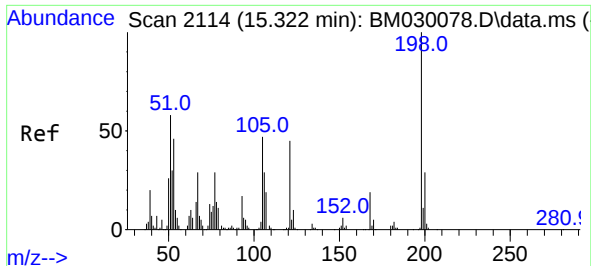
mohammad
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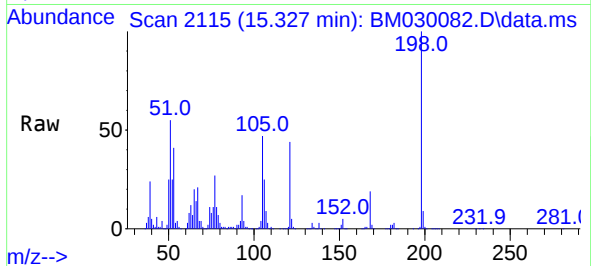
#63
4-Nitroaniline
Concen: 83.49 ng/ul m
RT: 15.274 min Scan# 2106
Delta R.T. 0.006 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50

Tgt Ion:138 Resp: 708314
Ion Ratio Lower Upper
138 100
92 52.9 44.8 67.2
108 78.2 65.3 97.9

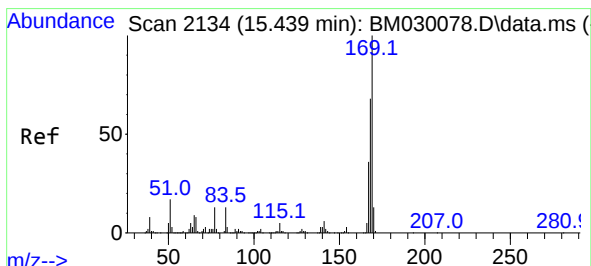
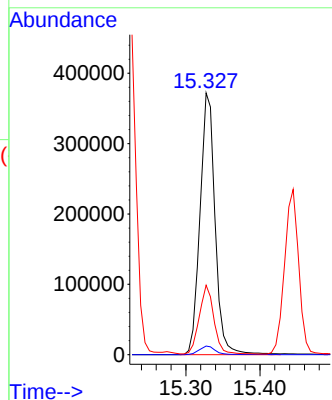
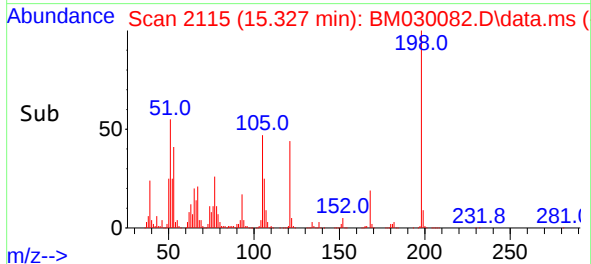




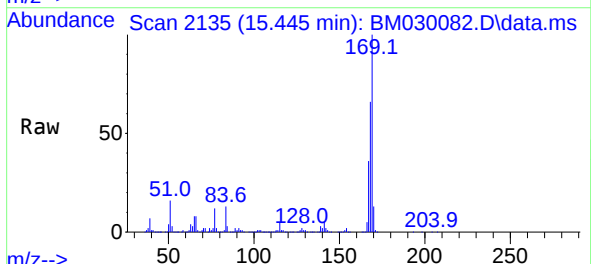
#66
4,6-Dinitro-2-methylphenol
Concen: 72.87 ng/ul
RT: 15.327 min Scan# 2115
Delta R.T. 0.006 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50



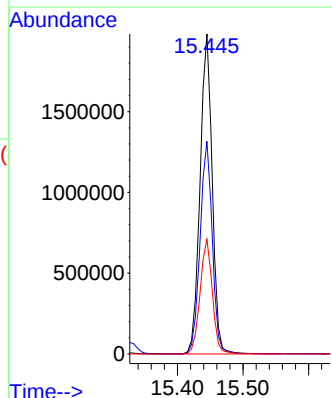
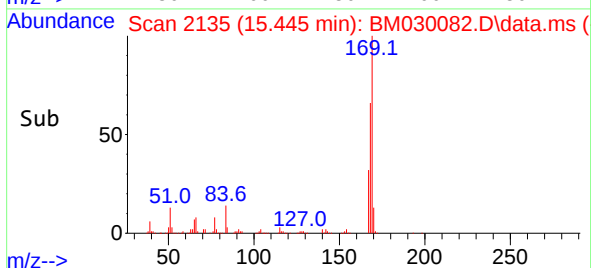
Tgt Ion:198 Resp: 528042
Ion Ratio Lower Upper
198 100
182 3.3 4.3 6.5#
77 26.5 23.0 34.4



#67
N-Nitrosodiphenylamine
Concen: 69.48 ng/ul
RT: 15.445 min Scan# 2135
Delta R.T. 0.006 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50



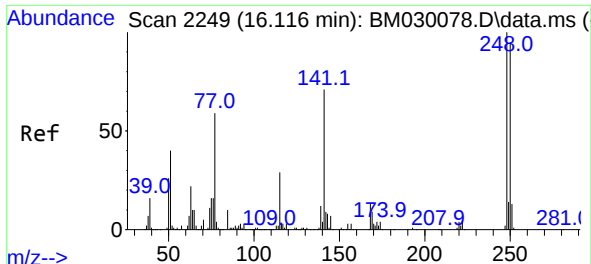
Tgt Ion:169 Resp: 2558487
Ion Ratio Lower Upper
169 100
168 66.5 53.0 79.4
167 35.8 27.8 41.6



Instrument :
BNA_M
ClientSampled :
SP

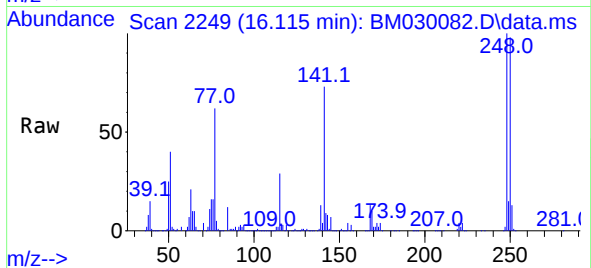
Manual Integrations
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#68
4-Bromophenyl-phenylether
Concen: 70.97 ng/ul
RT: 16.115 min Scan# 2249
Delta R.T. 0.000 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50

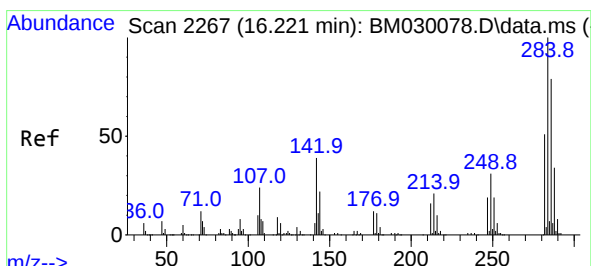
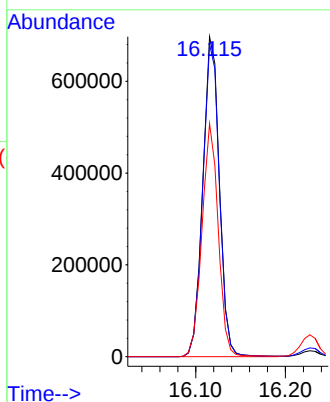
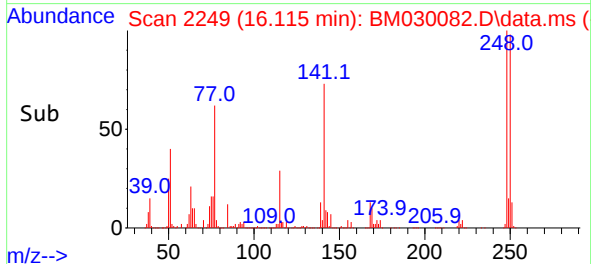
Instrument :
BNA_M
ClientSampled :
SP



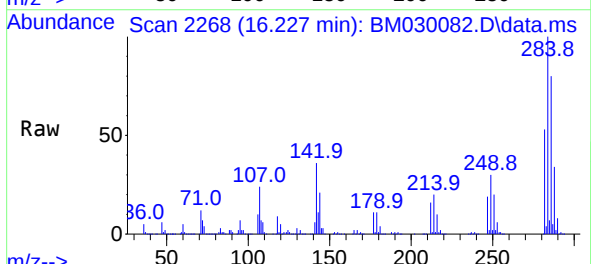
Tgt Ion:248 Resp: 895503
Ion Ratio Lower Upper
248 100
250 97.7 77.5 116.3
141 72.9 55.1 82.7

Manual Integrations
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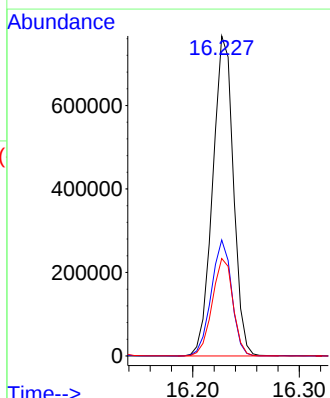
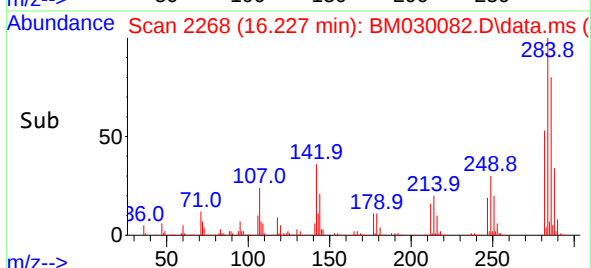
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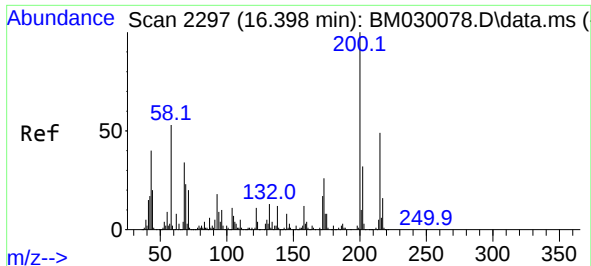


#69
Hexachlorobenzene
Concen: 68.83 ng/ul
RT: 16.227 min Scan# 2268
Delta R.T. 0.000 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50



Tgt Ion:284 Resp: 1031345
Ion Ratio Lower Upper
284 100
142 36.3 26.4 39.6
249 30.5 24.5 36.7





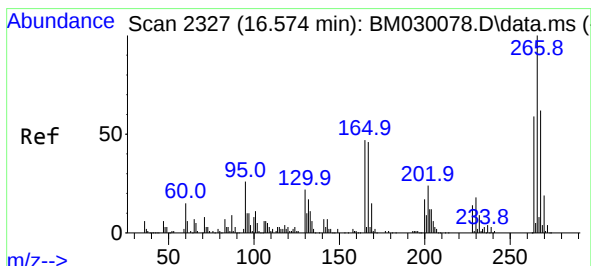
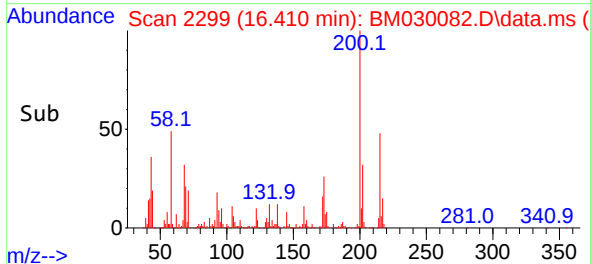
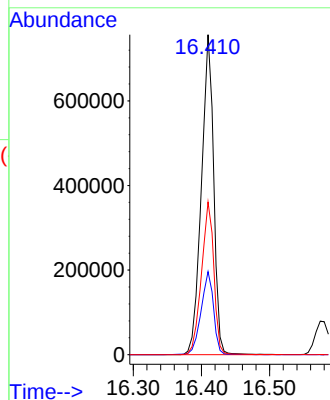
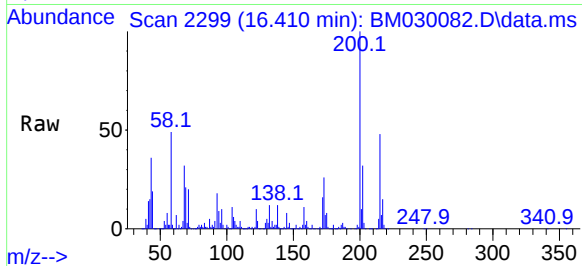
#70
Atrazine
Concen: 69.71 ng/ul
RT: 16.410 min Scan# 2299
Delta R.T. 0.006 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50

Tgt Ion:200 Resp: 947149
Ion Ratio Lower Upper
200 100
173 25.9 20.5 30.7
215 47.7 38.2 57.2

Instrument :
BNA_M
ClientSampled :
SP

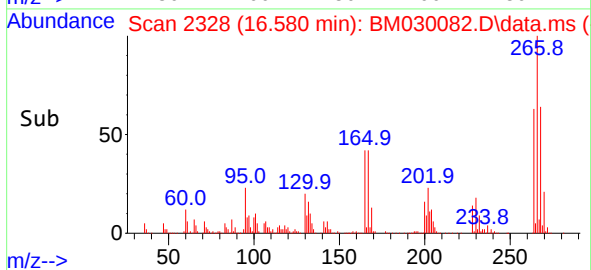
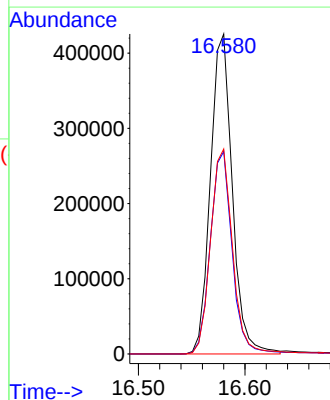
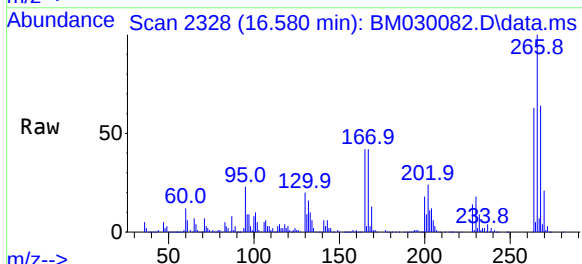
Manual Integrations
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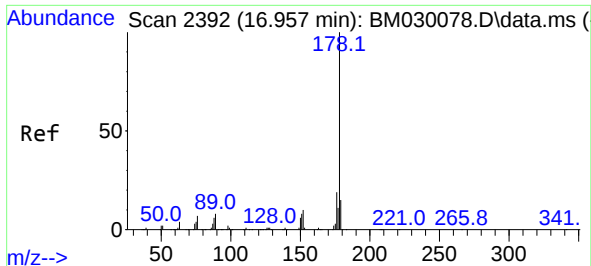
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#71
Pentachlorophenol
Concen: 70.64 ng/ul
RT: 16.580 min Scan# 2328
Delta R.T. 0.000 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50

Tgt Ion:266 Resp: 606494
Ion Ratio Lower Upper
266 100
264 63.3 49.8 74.8
268 64.1 51.9 77.9





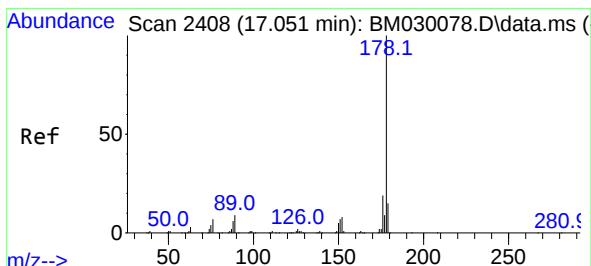
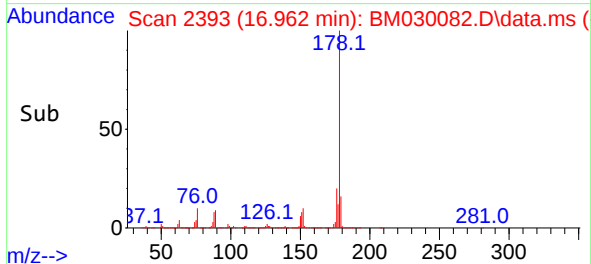
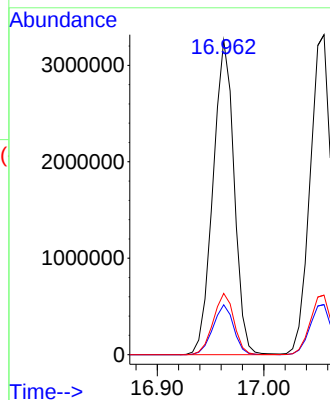
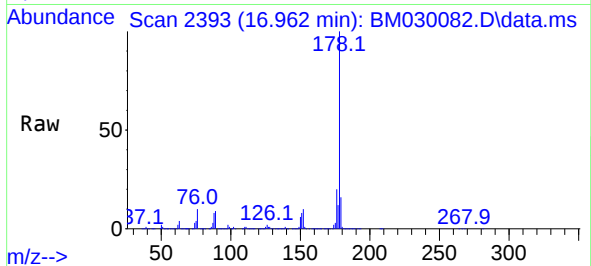
#72
Phenanthrene
Concen: 66.97 ng/u1
RT: 16.962 min Scan# 2393
Delta R.T. 0.000 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50

Tgt Ion:178 Resp: 4476163
Ion Ratio Lower Upper
178 100
179 15.9 12.2 18.4
176 19.5 15.0 22.4

Instrument :
BNA_M
ClientSampled :
SP

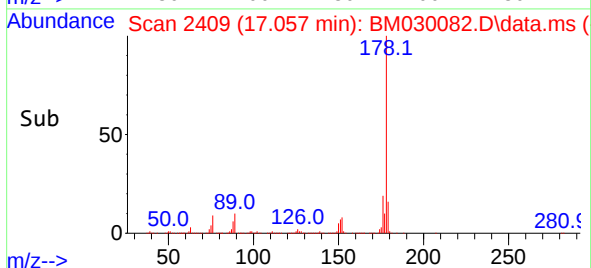
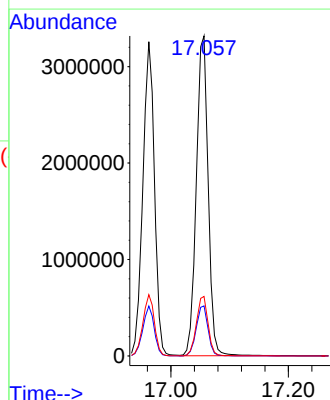
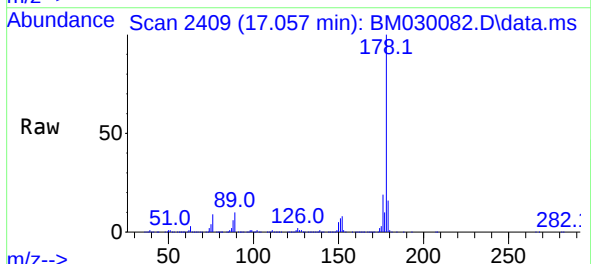
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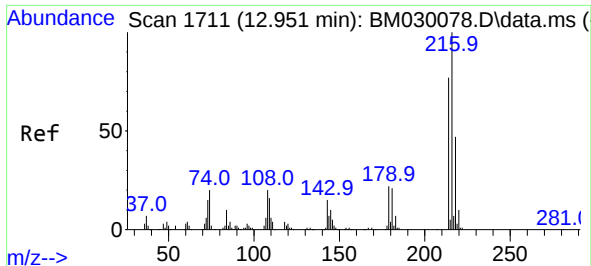
mohammad
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#74
Anthracene
Concen: 67.84 ng/u1
RT: 17.057 min Scan# 2409
Delta R.T. 0.006 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50

Tgt Ion:178 Resp: 4636051
Ion Ratio Lower Upper
178 100
179 15.7 12.2 18.2
176 18.6 14.9 22.3





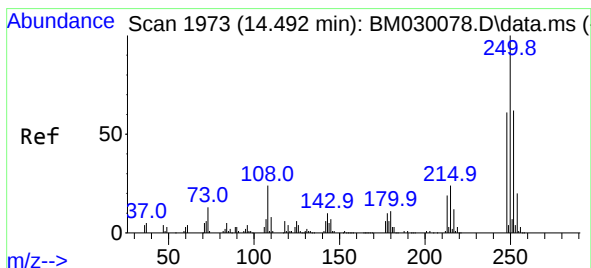
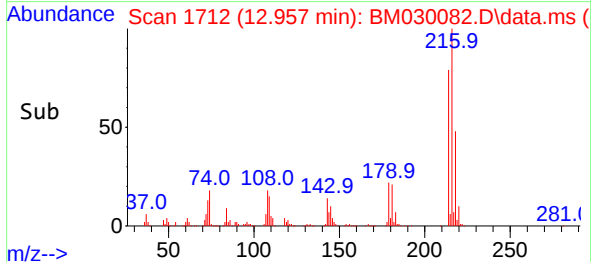
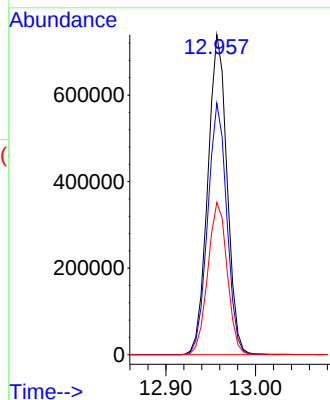
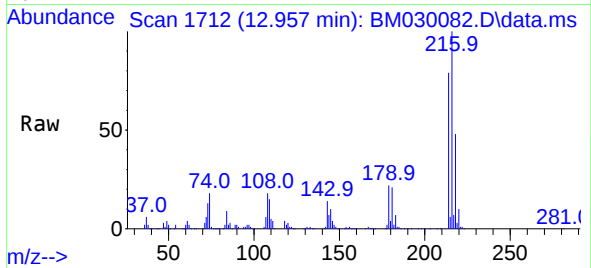
#75
1,2,3,4-Tetrachlorobenzene
Concen: 61.46 ng/uL
RT: 12.957 min Scan# 1712
Delta R.T. -0.000 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50

Tgt Ion:216 Resp: 1102130
Ion Ratio Lower Upper
216 100
214 78.6 63.9 95.9
218 47.5 39.7 59.5

Instrument :
BNA_M
ClientSampled :
SP

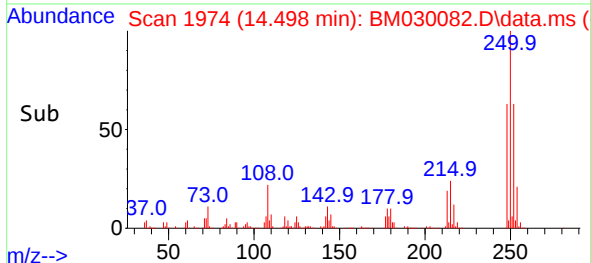
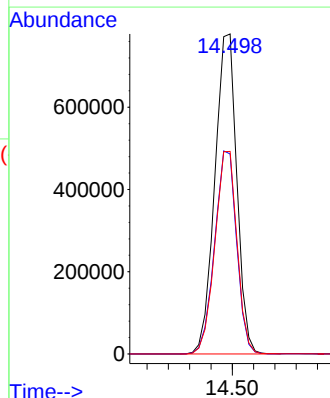
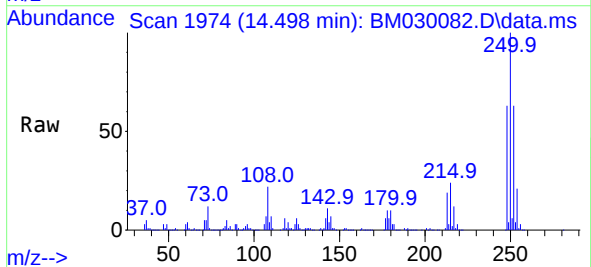
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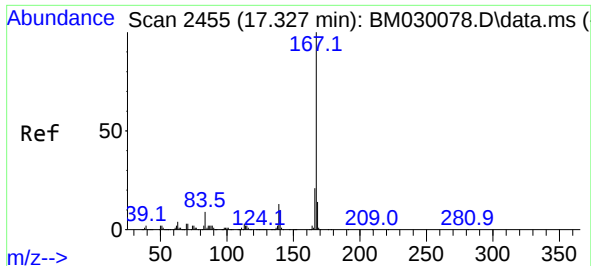
mohammad
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#76
Pentachlorobenzene
Concen: 65.12 ng/uL
RT: 14.498 min Scan# 1974
Delta R.T. 0.006 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50

Tgt Ion:250 Resp: 1113631
Ion Ratio Lower Upper
250 100
248 62.5 51.3 76.9
252 63.3 51.5 77.3





#77
 Carbazole
 Concen: 66.51 ng/ul
 RT: 17.333 min Scan# 2456
 Delta R.T. 0.006 min
 Lab File: BM030082.D
 Acq: 19 May 2021 16:50

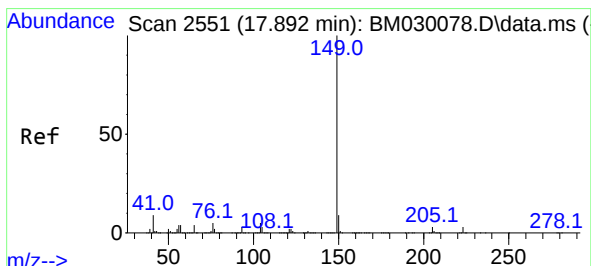
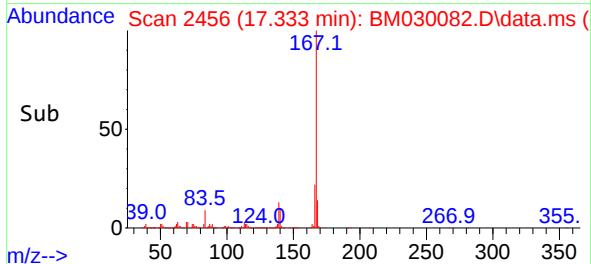
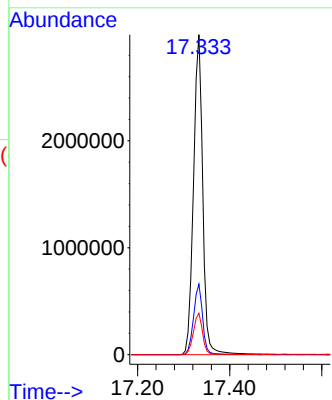
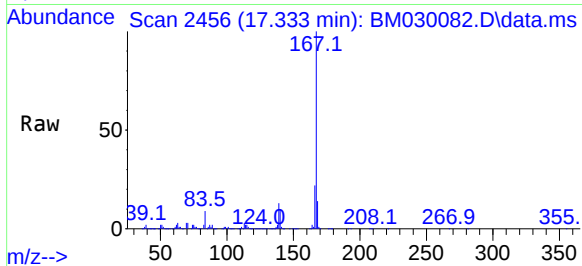
Tgt Ion:167 Resp: 4164662

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	12.9	10.2	15.2

Instrument :
 BNA_M
 ClientSampled :
 SP

Manual Integrations
 APPROVED

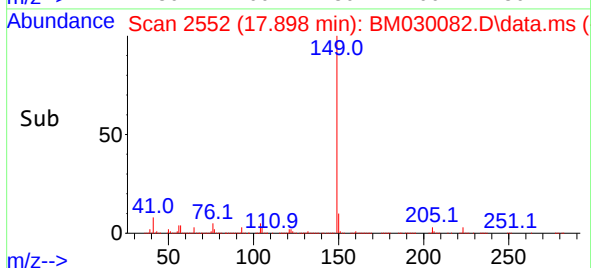
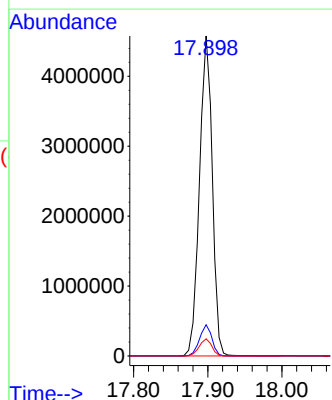
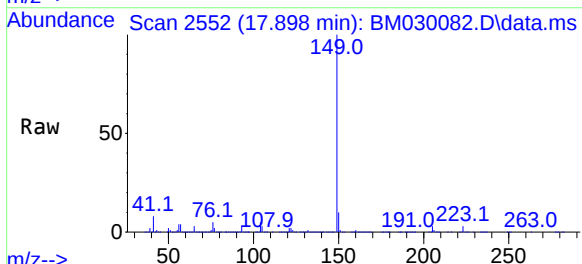
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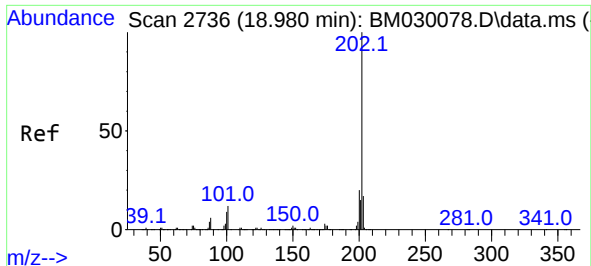


#78
 Di-n-butylphthalate
 Concen: 73.76 ng/ul
 RT: 17.898 min Scan# 2552
 Delta R.T. 0.000 min
 Lab File: BM030082.D
 Acq: 19 May 2021 16:50

Tgt Ion:149 Resp: 5481712

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.4	11.0
104	5.4	4.2	6.2





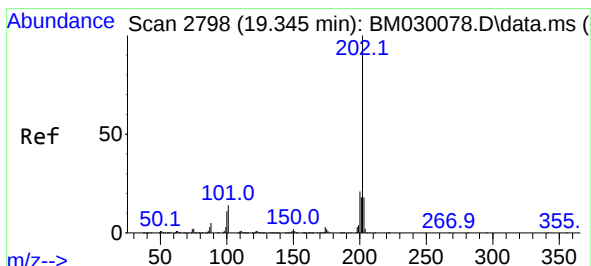
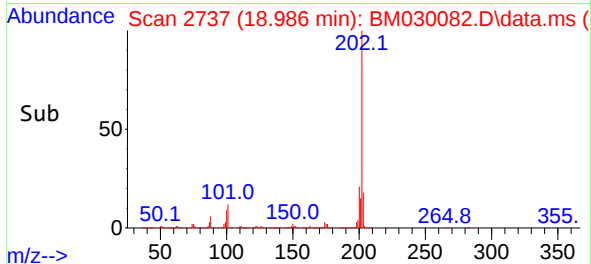
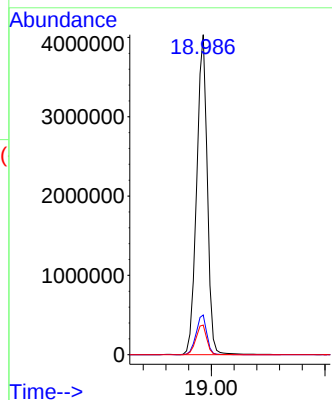
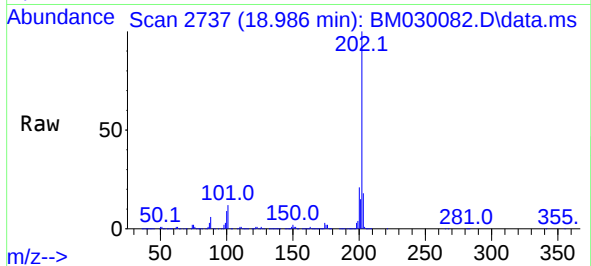
#80
Fluoranthene
Concen: 70.64 ng/ul
RT: 18.986 min Scan# 2737
Delta R.T. 0.006 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50

Tgt Ion:202 Resp: 5249599
Ion Ratio Lower Upper
202 100
101 12.4 9.0 13.4
100 9.3 7.0 10.6

Instrument :
BNA_M
ClientSampled :
SP

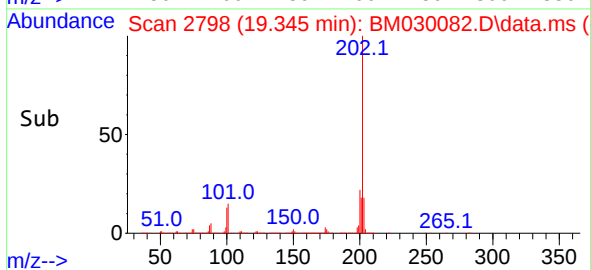
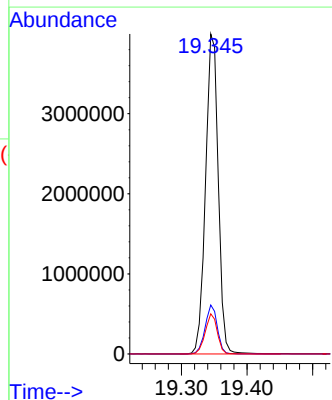
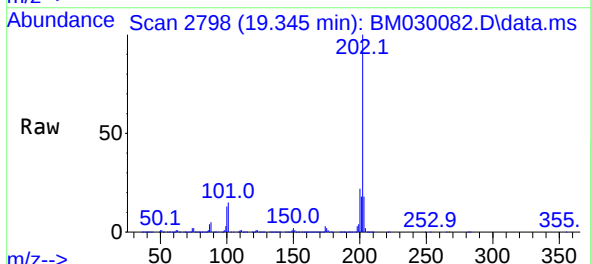
Manual Integrations
APPROVED

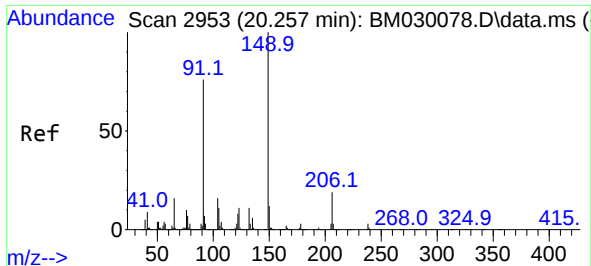
mohammad
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#82
Pyrene
Concen: 68.80 ng/ul
RT: 19.345 min Scan# 2798
Delta R.T. 0.000 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50

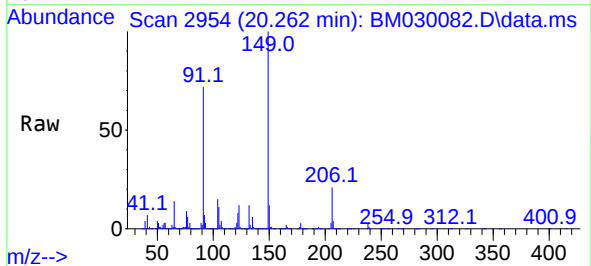
Tgt Ion:202 Resp: 5380539
Ion Ratio Lower Upper
202 100
101 15.3 11.8 17.6
100 12.6 9.2 13.8





#83
Butylbenzylphthalate
Concen: 91.77 ng/ul
RT: 20.262 min Scan# 2954
Delta R.T. 0.000 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50

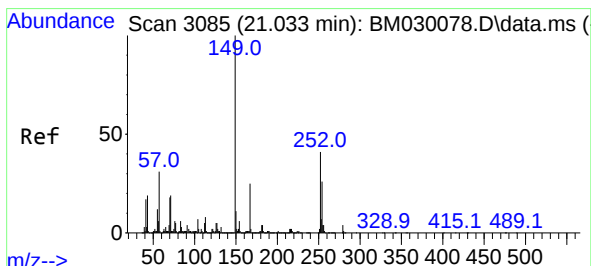
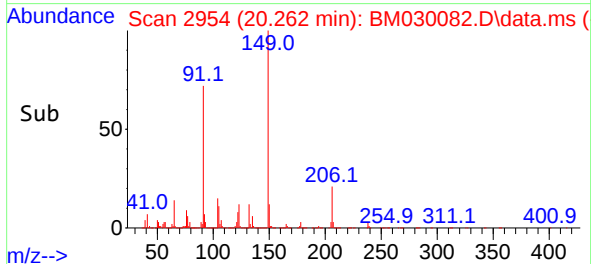
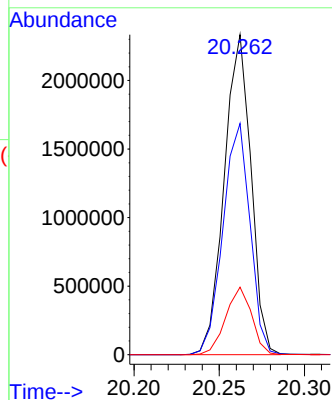
Instrument :
BNA_M
ClientSampled :
SP



Tgt Ion:149 Resp: 2550575
Ion Ratio Lower Upper
149 100
91 72.3 60.6 91.0
206 21.1 15.4 23.0

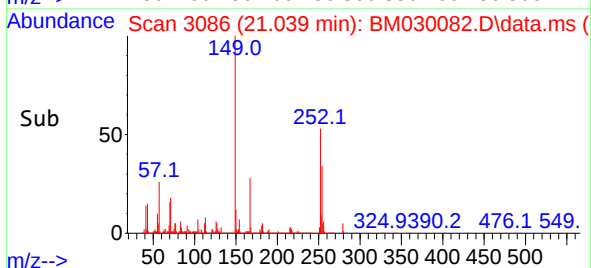
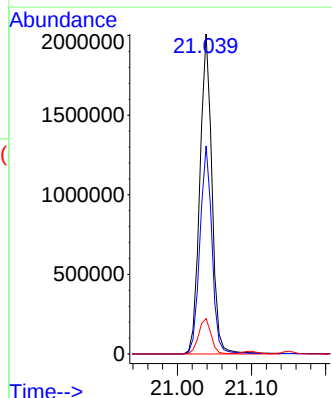
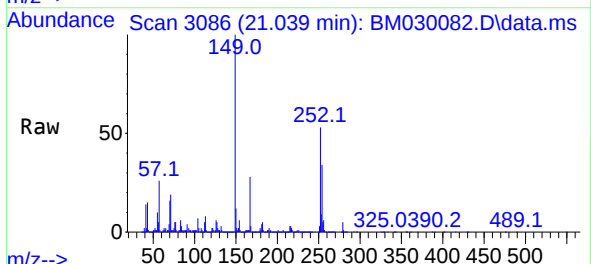
Manual Integrations
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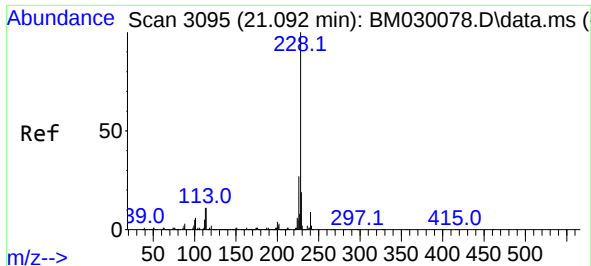
mohammad
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#84
3,3'-Dichlorobenzidine
Concen: 84.06 ng/ul
RT: 21.039 min Scan# 3086
Delta R.T. 0.000 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50

Tgt Ion:252 Resp: 2276397
Ion Ratio Lower Upper
252 100
254 65.0 51.0 76.6
126 11.1 9.4 14.0





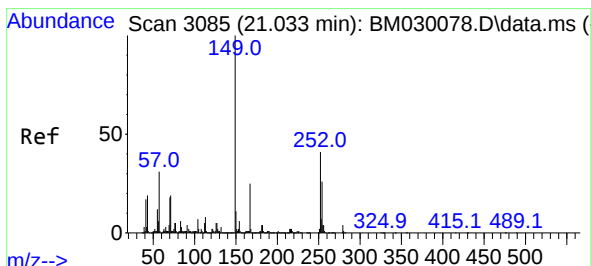
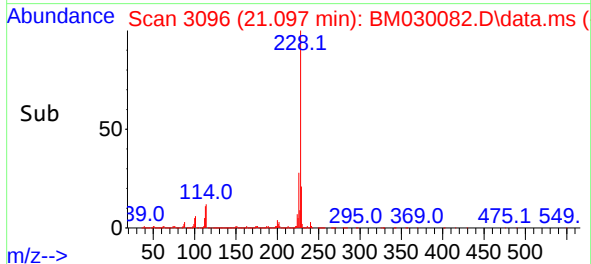
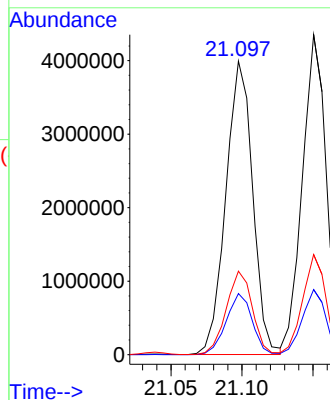
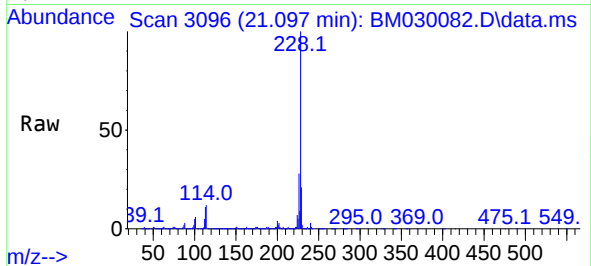
#85
Benzo(a)anthracene
Concen: 67.64 ng/ul
RT: 21.097 min Scan# 3096
Delta R.T. -0.000 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50

Tgt Ion:228 Resp: 5252695
Ion Ratio Lower Upper
228 100
229 20.8 15.9 23.9
226 28.5 21.4 32.0

Instrument :
BNA_M
ClientSampled :
SP

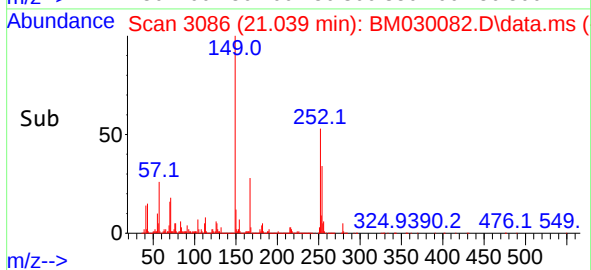
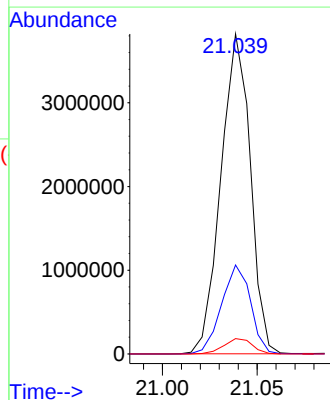
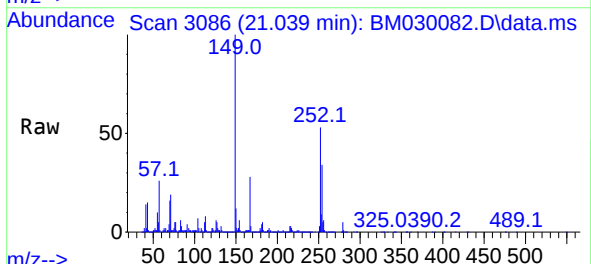
Manual Integrations
APPROVED

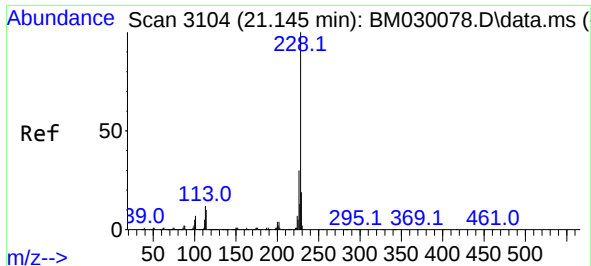
mohammad
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#86
Bis(2-ethylhexyl)phthalate
Concen: 86.10 ng/ul
RT: 21.039 min Scan# 3086
Delta R.T. 0.000 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50

Tgt Ion:149 Resp: 4126051
Ion Ratio Lower Upper
149 100
167 27.8 21.1 31.7
279 4.8 3.5 5.3





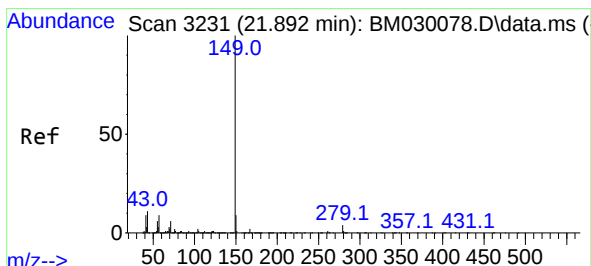
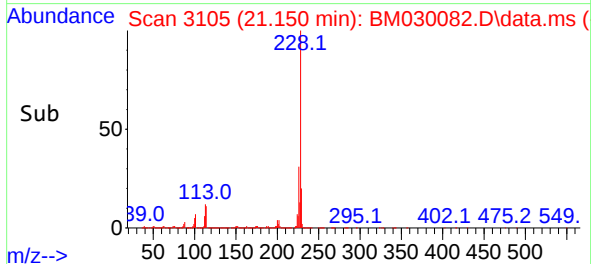
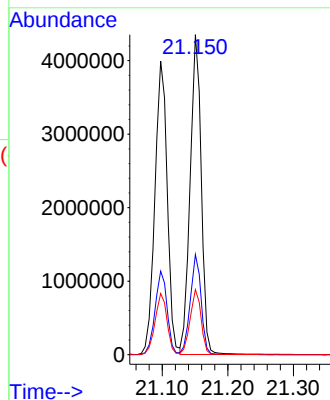
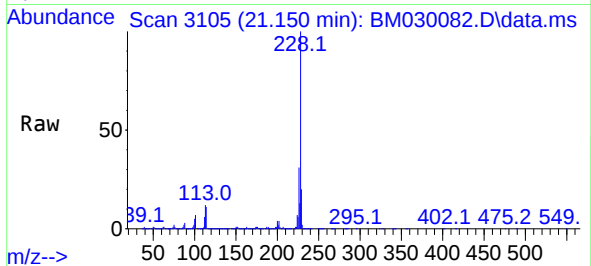
#87
Chrysene
Concen: 66.15 ng/ul
RT: 21.150 min Scan# 3105
Delta R.T. 0.006 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50

Tgt Ion:228 Resp: 5116718
Ion Ratio Lower Upper
228 100
226 31.3 23.9 35.9
229 20.3 15.6 23.4

Instrument :
BNA_M
ClientSampled :
SP

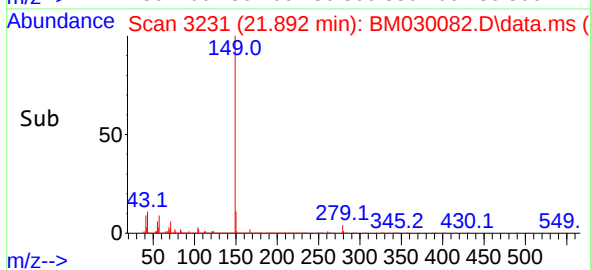
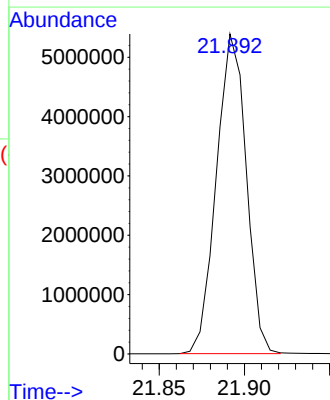
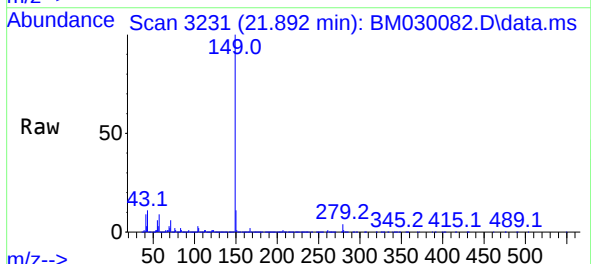
Manual Integrations
APPROVED

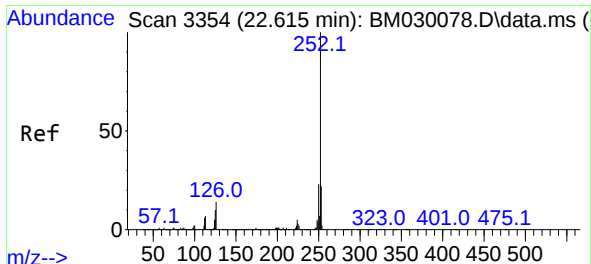
mohammad
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#89
Di-n-octyl phthalate
Concen: 81.49 ng/ul
RT: 21.892 min Scan# 3231
Delta R.T. -0.000 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50

Tgt Ion:149 Resp: 6569348





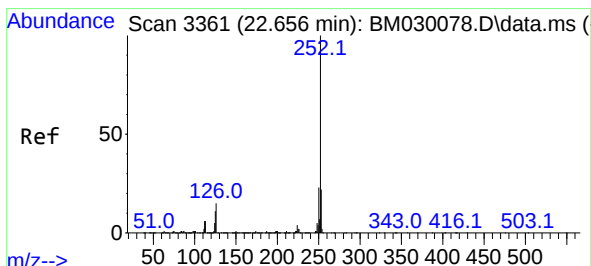
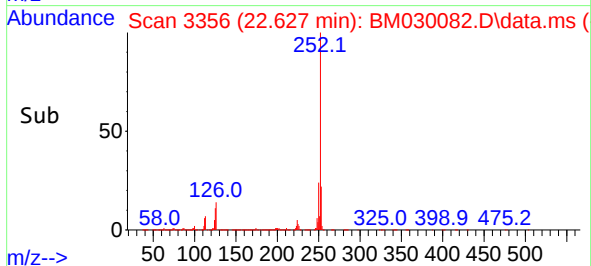
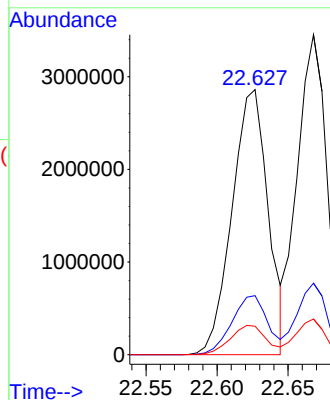
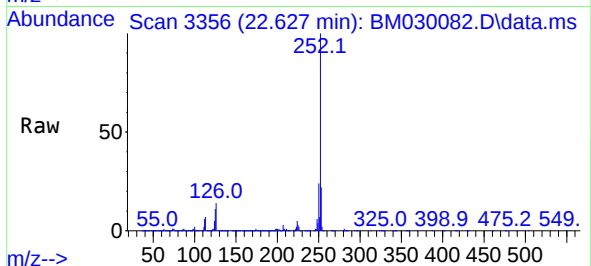
#90
Benzo(b)fluoranthene
Concen: 73.96 ng/ul
RT: 22.627 min Scan# 3356
Delta R.T. 0.012 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50

Tgt Ion:252 Resp: 5054482
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 10.8 8.6 12.8

Instrument :
BNA_M
ClientSampled :
SP

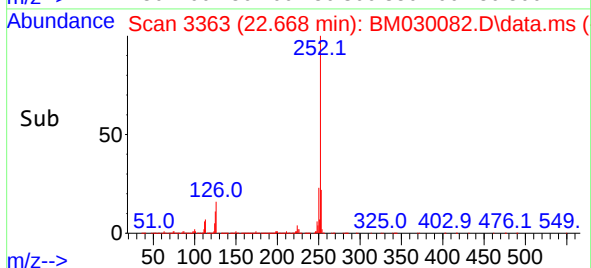
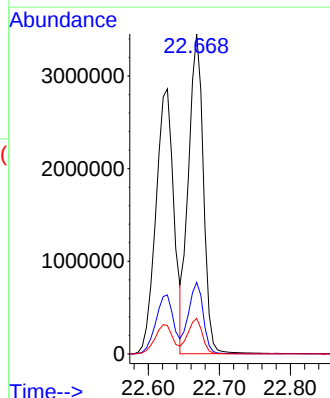
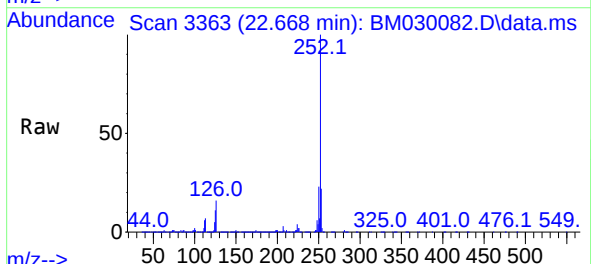
Manual Integrations
APPROVED

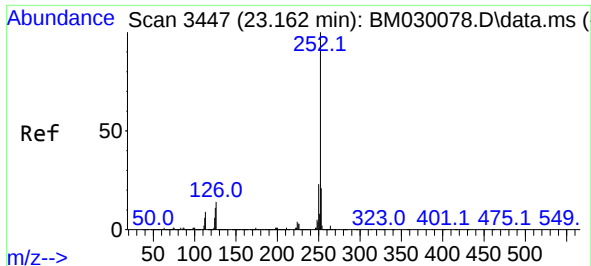
mohammad
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#91
Benzo(k)fluoranthene
Concen: 70.03 ng/ul
RT: 22.668 min Scan# 3363
Delta R.T. 0.012 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50

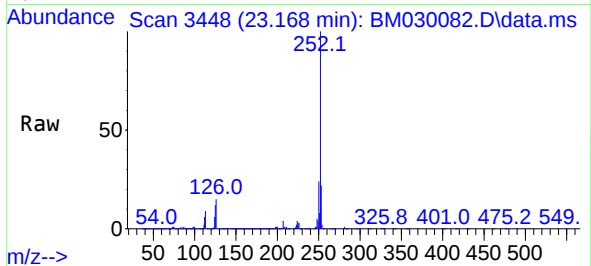
Tgt Ion:252 Resp: 5031030
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 11.2 8.4 12.6





#93
Benzo(a)pyrene
Concen: 68.85 ng/ul
RT: 23.168 min Scan# 3448
Delta R.T. 0.006 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50

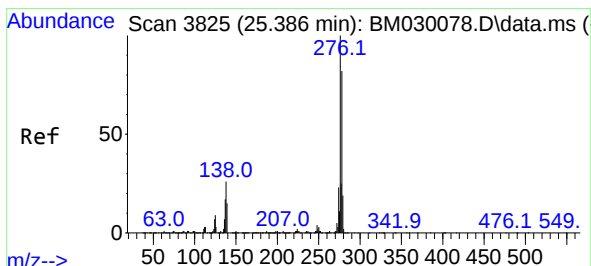
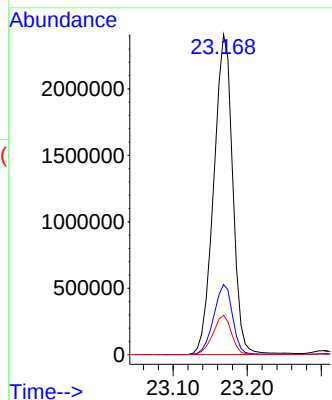
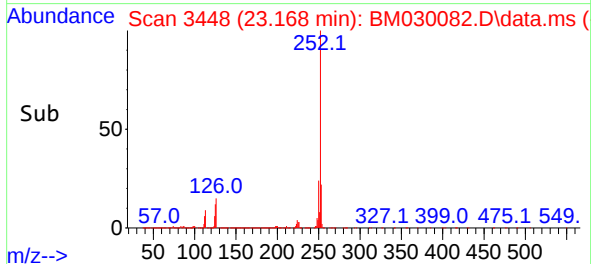
Instrument :
BNA_M
ClientSampled :
SP



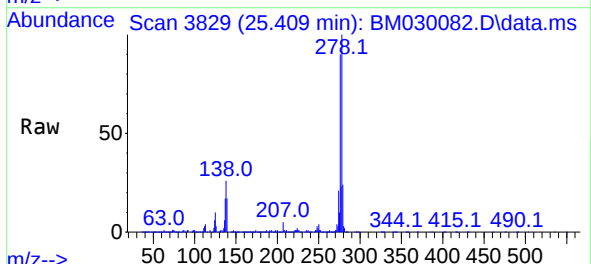
Tgt Ion:252 Resp: 4272928
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 12.3 9.6 14.4

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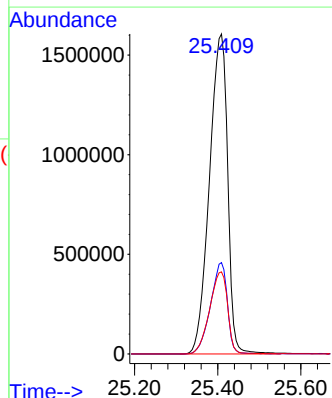
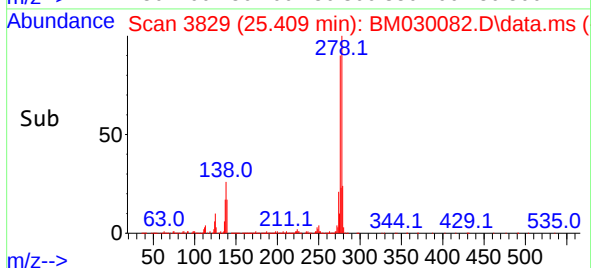
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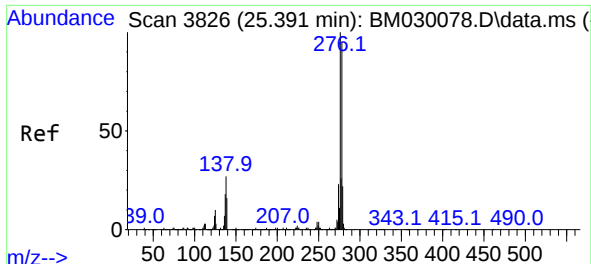


#94
Indeno(1,2,3-cd)pyrene
Concen: 65.10 ng/ul
RT: 25.409 min Scan# 3829
Delta R.T. 0.024 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50



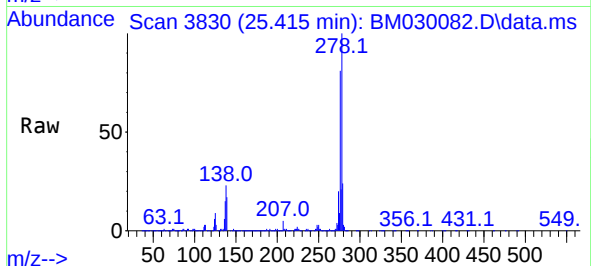
Tgt Ion:276 Resp: 4890449
Ion Ratio Lower Upper
276 100
138 28.5 21.1 31.7
277 25.7 20.3 30.5





#95
Dibenzo(a,h)anthracene
Concen: 65.98 ng/ul
RT: 25.415 min Scan# 3830
Delta R.T. 0.024 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50

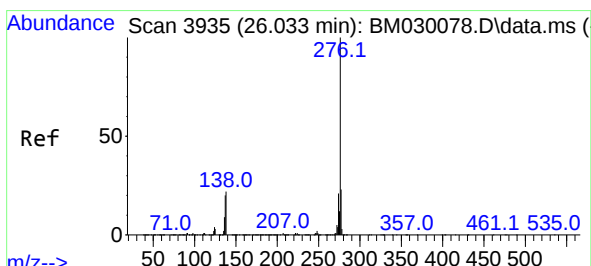
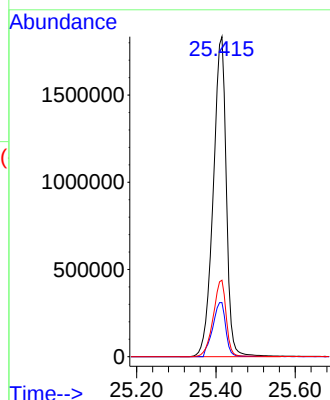
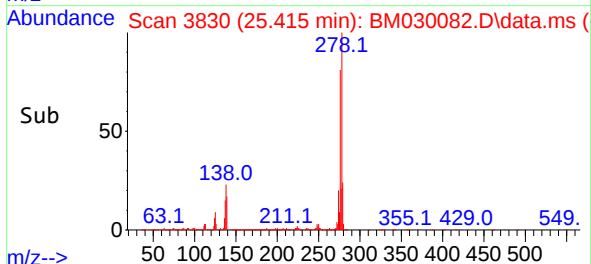
Instrument :
BNA_M
ClientSampled :
SP



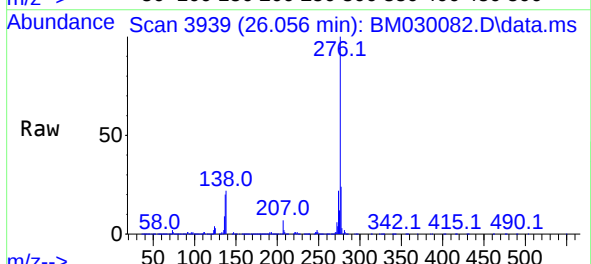
Tgt Ion:278 Resp: 4201559
Ion Ratio Lower Upper
278 100
139 16.9 13.5 20.3
279 23.9 18.6 28.0

Manual Integrations
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#96
Benzo(g,h,i)perylene
Concen: 61.09 ng/ul
RT: 26.056 min Scan# 3939
Delta R.T. 0.018 min
Lab File: BM030082.D
Acq: 19 May 2021 16:50



Tgt Ion:276 Resp: 3718295
Ion Ratio Lower Upper
276 100
138 22.5 17.8 26.8
277 23.8 18.5 27.7

