

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051921\
 Data File : BM030080.D
 Acq On : 19 May 2021 11:16
 Operator : CG/JU
 Sample : PB136510BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS510

Manual Integrations
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mohammad
 5/20/2021 11:36:08 AM

Quant Time: May 19 12:36:48 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	134195	20.00	ng/ul	0.00
20) Naphthalene-d8	10.286	136	633001	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.169	164	432673	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.915	188	915791	20.00	ng/ul	0.00
79) Chrysene-d12	21.109	240	1005015	20.00	ng/ul	0.00
88) Perylene-d12	23.256	264	1022678	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.028	96	20122	5.99	ng/uL	0.00
4) Pyridine-d5	3.446	84	253962	30.19	ng/ul	0.00
7) Phenol-d5	6.704	99	453767	36.36	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.863	67	295228	38.15	ng/ul	0.00
11) 2-Chlorophenol-d4	7.051	132	366406	38.04	ng/ul	0.00
15) 4-Methylphenol-d8	8.234	113	385740	37.37	ng/ul	0.00
21) Nitrobenzene-d5	8.675	128	181055	41.51	ng/ul	0.00
24) 2-Nitrophenol-d4	9.387	143	213379	43.34	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.922	165	386499	39.15	ng/ul	0.00
31) 4-Chloroaniline-d4	10.439	131	524796	34.93	ng/ul	0.00
46) Dimethylphthalate-d6	13.592	166	1338813	39.92	ng/ul	0.00
49) Acenaphthylene-d8	13.857	160	1639822	38.58	ng/ul	0.00
54) 4-Nitrophenol-d4	14.404	143	220160	40.31	ng/ul	0.00
60) Fluorene-d10	15.169	176	1147613	40.31	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.310	200	255414	42.94	ng/ul	0.00
73) Anthracene-d10	17.015	188	1799169	39.01	ng/ul	0.00
81) Pyrene-d10	19.315	212	2034016	39.45	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.121	264	2266741	39.10	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.063	88	40572	11.16	ng/uL#	87
5) Pyridine	3.463	79	243182	28.18	ng/ul	98
6) Benzaldehyde	6.675	77	219488m	34.07	ng/ul	
8) Phenol	6.728	94	423643	33.25	ng/ul	95
10) Bis(2-Chloroethyl)ether	6.957	93	318081	31.57	ng/ul	99
12) 2-Chlorophenol	7.081	128	325096	33.10	ng/ul	96
13) 2-Methylphenol	7.969	108	318854	33.03	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.045	45	554387	36.53	ng/ul	96
16) Acetophenone	8.340	105	549915	33.20	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.328	70	312632	36.89	ng/ul	93
18) 4-Methylphenol	8.298	108	354224	33.10	ng/ul	98
19) Hexachloroethane	8.575	117	135782	32.72	ng/ul	99
22) Nitrobenzene	8.716	77	425013	37.39	ng/ul	97
23) Isophorone	9.239	82	841879	35.02	ng/ul	99
25) 2-Nitrophenol	9.416	139	202359	37.86	ng/ul	97
26) 2,4-Dimethylphenol	9.487	107	405763	33.64	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.722	93	488620	34.70	ng/ul	99
29) 2,4-Dichlorophenol	9.945	162	334496	34.50	ng/ul	99
30) Naphthalene	10.339	128	1137933	32.39	ng/ul	100
32) 4-Chloroaniline	10.463	127	455886	29.45	ng/ul	100
33) Hexachlorobutadiene	10.616	225	207738	31.96	ng/ul	98
34) Caprolactam	11.251	113	124625m	36.22	ng/ul	
35) 4-Chloro-3-methylphenol	11.598	107	398497	37.14	ng/ul	100
36) 2-Methylnaphthalene	11.963	142	851037	33.39	ng/ul	100

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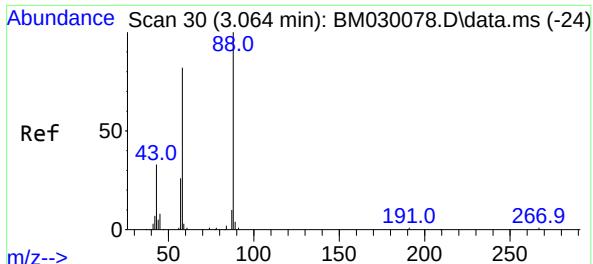
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.180	142	841777	33.33	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.339	216	432675	32.36	ng/ul	100
40) Hexachlorocyclopentadiene	12.310	237	193205	27.82	ng/ul	98
41) 2,4,6-Trichlorophenol	12.592	196	297052	36.43	ng/ul	100
42) 2,4,5-Trichlorophenol	12.669	196	315393	36.55	ng/ul	98
43) 1,1'-Biphenyl	12.992	154	1113569	33.11	ng/ul	97
44) 2-Chloronaphthalene	13.033	162	874554	33.88	ng/ul	99
45) 2-Nitroaniline	13.257	65	295234	45.25	ng/ul	99
47) Dimethylphthalate	13.639	163	1207465	35.96	ng/ul	99
48) 2,6-Dinitrotoluene	13.763	165	249571	41.40	ng/ul	95
50) Acenaphthylene	13.886	152	1353612	32.93	ng/ul	99
51) 3-Nitroaniline	14.092	138	222418	32.84	ng/ul	98
52) Acenaphthene	14.233	153	995840	34.28	ng/ul	99
53) 2,4-Dinitrophenol	14.310	184	130473	31.81	ng/ul	94
55) 4-Nitrophenol	14.416	109	158908	37.84	ng/ul	99
56) Dibenzofuran	14.569	168	1398614	35.15	ng/ul	98
57) 2,4-Dinitrotoluene	14.557	165	373780	41.90	ng/ul	87
58) 2,3,4,6-Tetrachlorophenol	14.804	232	302154	36.77	ng/ul	99
59) Diethylphthalate	15.010	149	1307513	37.33	ng/ul	99
61) Fluorene	15.221	166	1212471	35.65	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.221	204	598760	35.82	ng/ul	99
63) 4-Nitroaniline	15.268	138	258879m	38.56	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.321	198	224679	38.38	ng/ul#	98
67) N-Nitrosodiphenylamine	15.439	169	1038853	34.92	ng/ul	98
68) 4-Bromophenyl-phenylether	16.116	248	364705	35.78	ng/ul	99
69) Hexachlorobenzene	16.227	284	421498	34.82	ng/ul	98
70) Atrazine	16.404	200	384995	35.08	ng/ul	98
71) Pentachlorophenol	16.574	266	242260	34.93	ng/ul	99
72) Phenanthrene	16.957	178	1901969	35.22	ng/ul	100
74) Anthracene	17.051	178	1963011	35.56	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.957	216	445266	30.74	ng/uL	98
76) Pentachlorobenzene	14.492	250	451774	32.70	ng/uL	99
77) Carbazole	17.327	167	1726386	34.13	ng/ul	99
78) Di-n-butylphthalate	17.898	149	2327763	38.77	ng/ul	100
80) Fluoranthene	18.980	202	2259913	36.02	ng/ul	98
82) Pyrene	19.345	202	2374408	35.96	ng/ul	99
83) Butylbenzylphthalate	20.256	149	1085361	46.25	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.033	252	844028	36.91	ng/ul	99
85) Benzo(a)anthracene	21.098	228	2372822	36.19	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.039	149	1755673	43.39	ng/ul	100
87) Chrysene	21.145	228	2338566	35.81	ng/ul	100
89) Di-n-octyl phthalate	21.892	149	2969605	37.95	ng/ul	100
90) Benzo(b)fluoranthene	22.615	252	2495390	37.62	ng/ul	99
91) Benzo(k)fluoranthene	22.662	252	2452231	35.16	ng/ul	99
93) Benzo(a)pyrene	23.162	252	2201421	36.54	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.397	276	2788475	38.24	ng/ul	98
95) Dibenzo(a,h)anthracene	25.403	278	2356882	38.13	ng/ul	99
96) Benzo(g,h,i)perylene	26.044	276	2210909	37.42	ng/ul	99

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



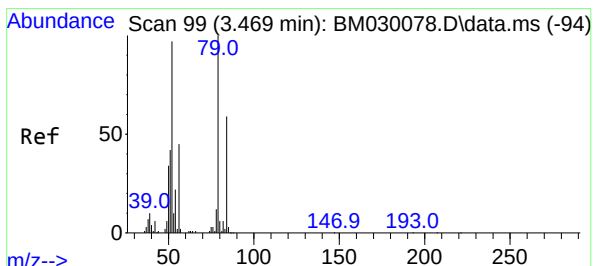
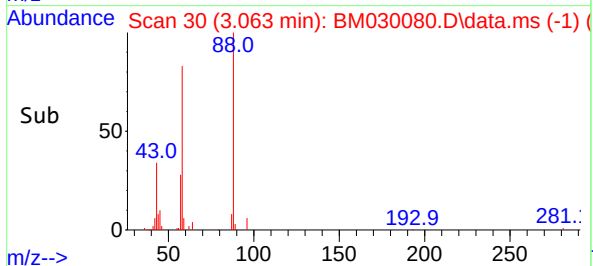
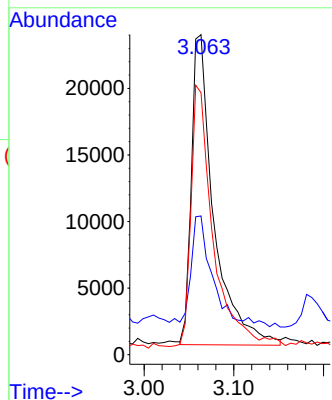
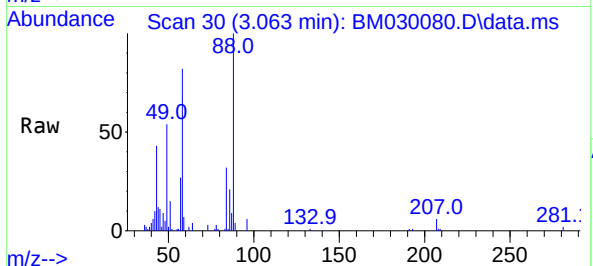
#2
1,4-Dioxane
Concen: 11.16 ng/uL
RT: 3.063 min Scan# 30
Delta R.T. 0.000 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16

Tgt Ion: 88 Resp: 40572
Ion Ratio Lower Upper
88 100
43 43.4 26.2 39.2#
58 81.9 59.0 88.4

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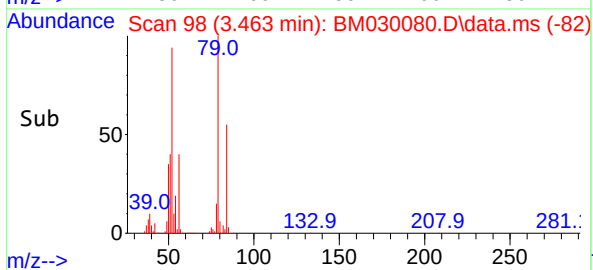
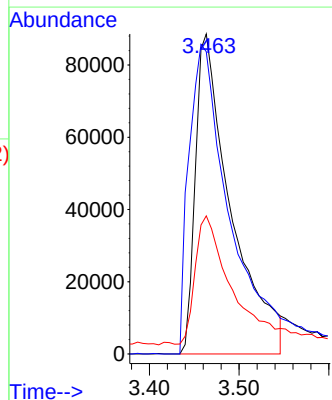
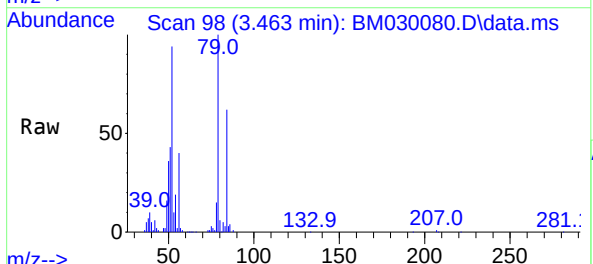
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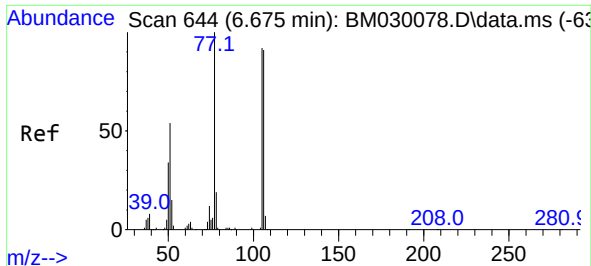
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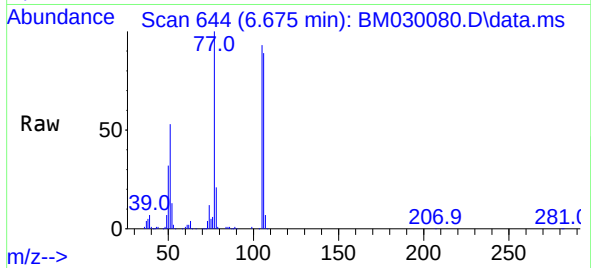
#5
Pyridine
Concen: 28.18 ng/uL
RT: 3.463 min Scan# 98
Delta R.T. -0.006 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16

Tgt Ion: 79 Resp: 243182
Ion Ratio Lower Upper
79 100
52 94.4 74.6 111.8
51 43.1 32.6 48.8

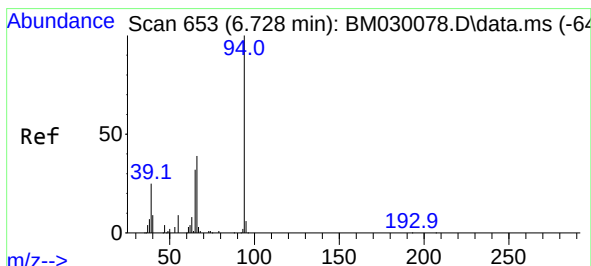
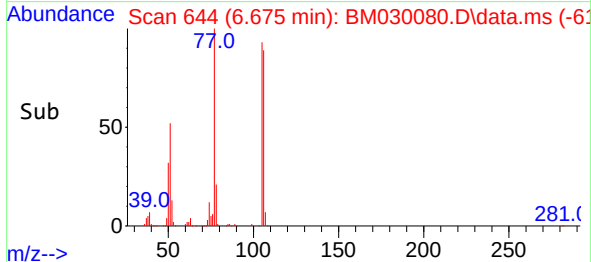
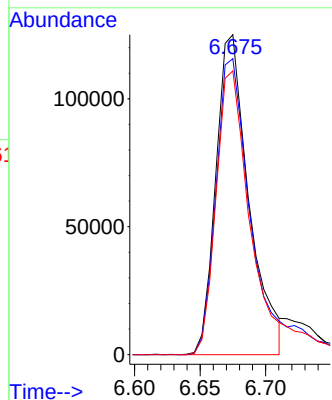




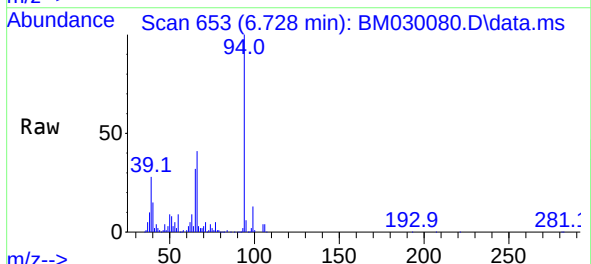
#6
Benzaldehyde
Concen: 34.07 ng/ul m
RT: 6.675 min Scan# 644
Delta R.T. 0.000 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16



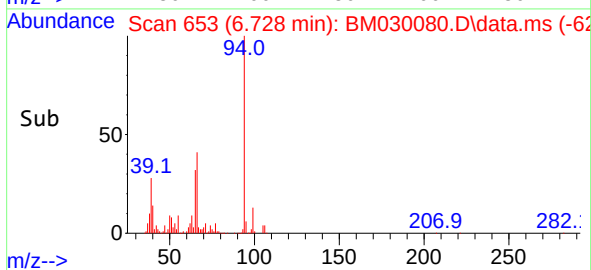
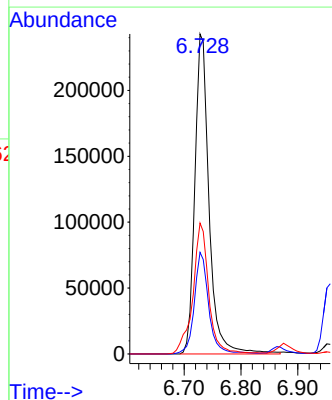
Tgt Ion: 77 Resp: 219488
Ion Ratio Lower Upper
77 100
105 92.5 77.7 116.5
106 88.7 72.2 108.4



#8
Phenol
Concen: 33.25 ng/ul
RT: 6.728 min Scan# 653
Delta R.T. -0.006 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16



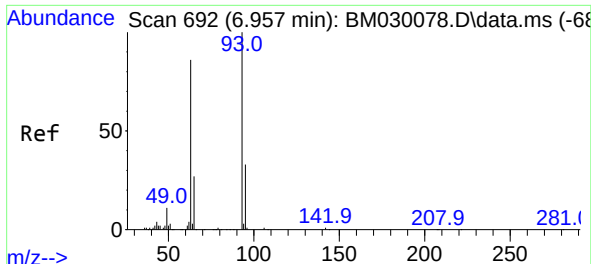
Tgt Ion: 94 Resp: 423643
Ion Ratio Lower Upper
94 100
65 31.8 23.3 34.9
66 40.9 30.6 45.8



Instrument :
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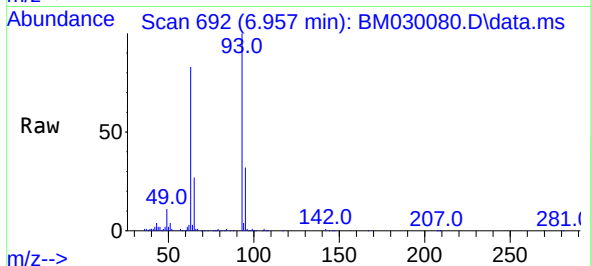
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#10
Bis(2-Chloroethyl)ether
Concen: 31.57 ng/ul
RT: 6.957 min Scan# 692
Delta R.T. 0.000 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16

Instrument :
BNA_M
ClientSampled :
SLCS510

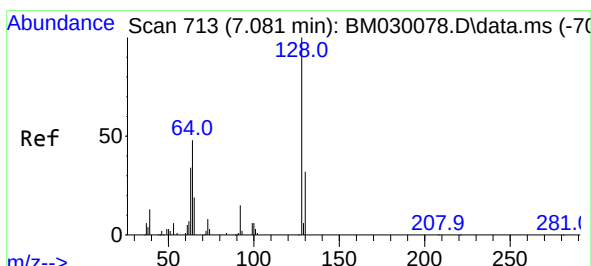
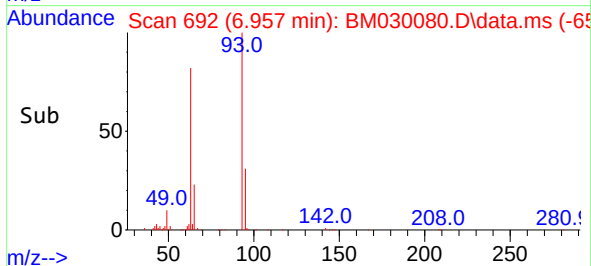
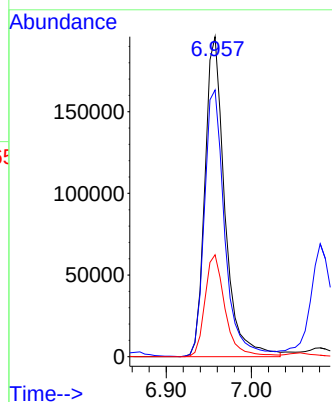


Tgt Ion: 93 Resp: 318081

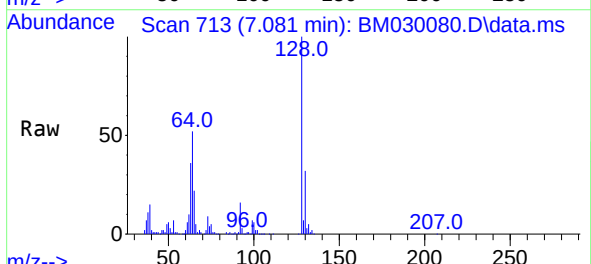
Ion	Ratio	Lower	Upper
93	100		
63	83.3	66.0	99.0
95	31.9	25.7	38.5

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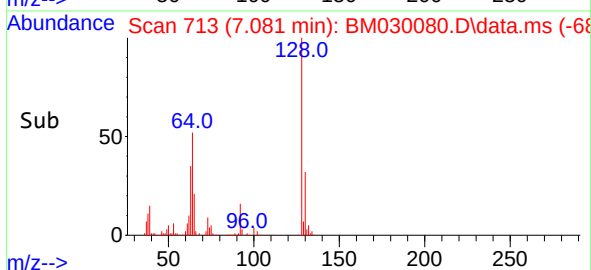
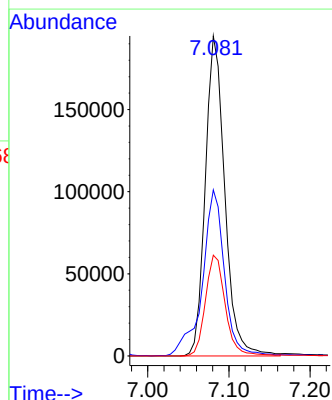


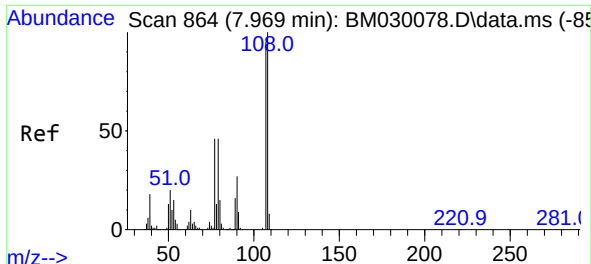
#12
2-Chlorophenol
Concen: 33.10 ng/ul
RT: 7.081 min Scan# 713
Delta R.T. -0.006 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16



Tgt Ion: 128 Resp: 325096

Ion	Ratio	Lower	Upper
128	100		
64	51.9	39.3	58.9
130	31.5	26.6	39.8





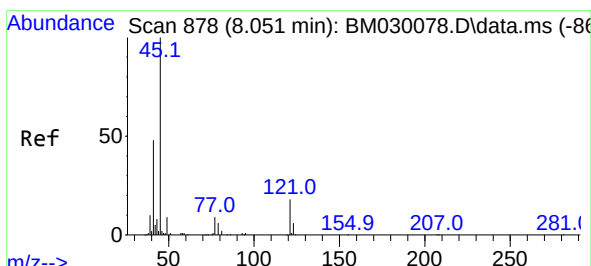
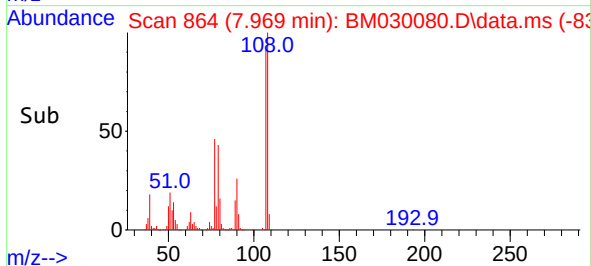
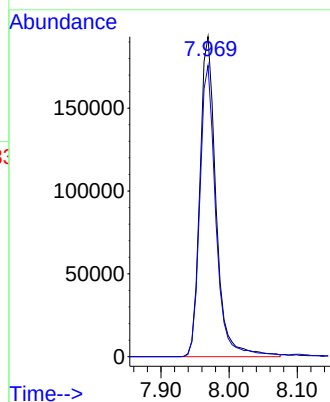
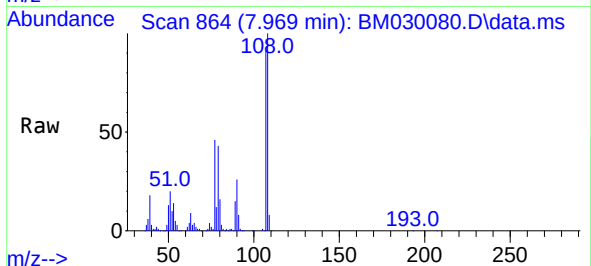
#13
2-Methylphenol
Concen: 33.03 ng/ul
RT: 7.969 min Scan# 864
Delta R.T. 0.000 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16

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Tgt Ion:108 Resp: 318854
Ion Ratio Lower Upper
108 100
107 91.0 73.8 110.6

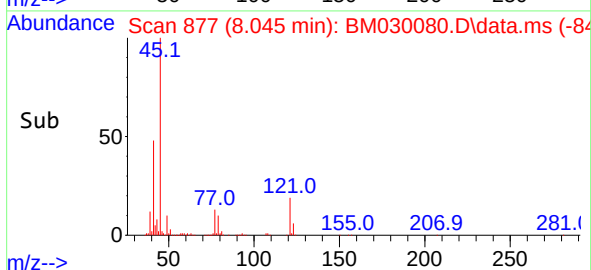
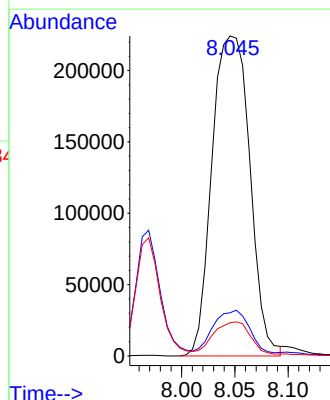
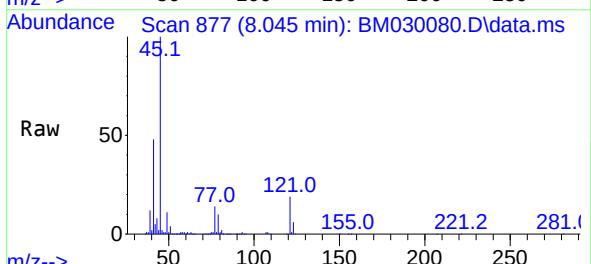
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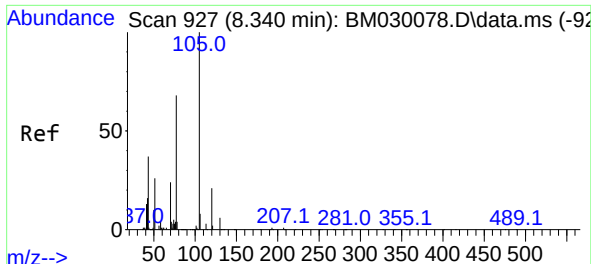
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#14
2,2'-oxybis(1-Chloropropane)
Concen: 36.53 ng/ul
RT: 8.045 min Scan# 877
Delta R.T. -0.006 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16

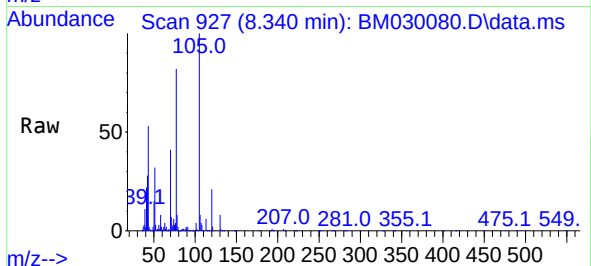
Tgt Ion: 45 Resp: 554387
Ion Ratio Lower Upper
45 100
77 13.5 12.3 18.5
79 10.4 9.1 13.7





#16
Acetophenone
Concen: 33.20 ng/ul
RT: 8.340 min Scan# 927
Delta R.T. -0.006 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16

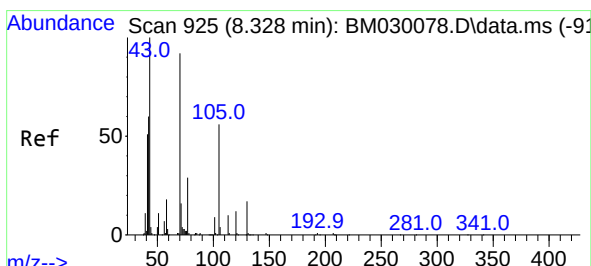
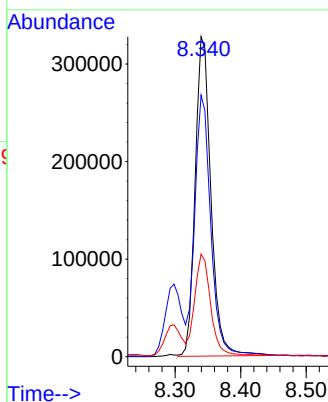
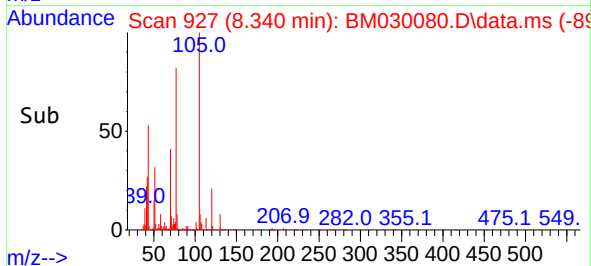
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ClientSampled :
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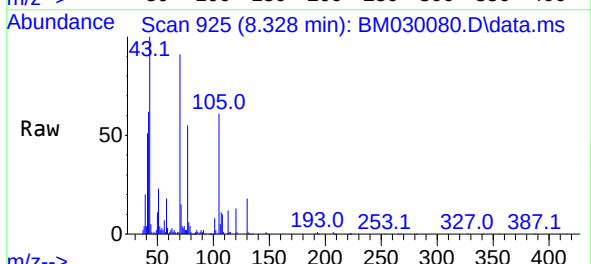
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Ion Ratio Lower Upper
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51 32.1 24.3 36.5

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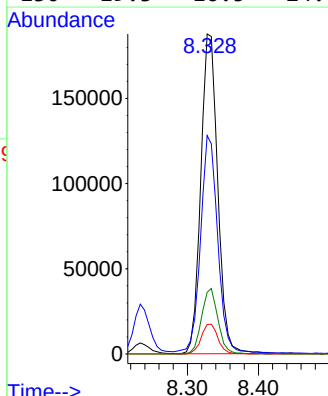
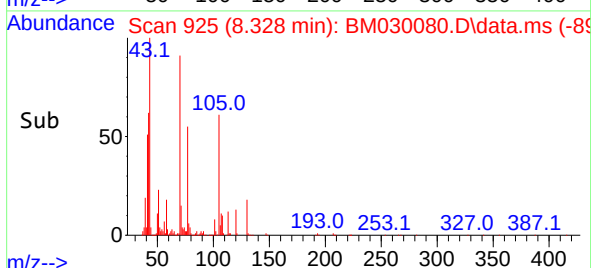
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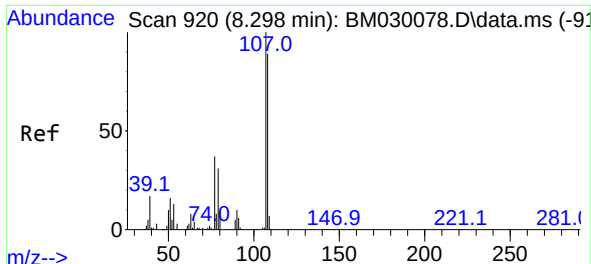


#17
N-Nitroso-di-n-propylamine
Concen: 36.89 ng/ul
RT: 8.328 min Scan# 925
Delta R.T. 0.000 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16



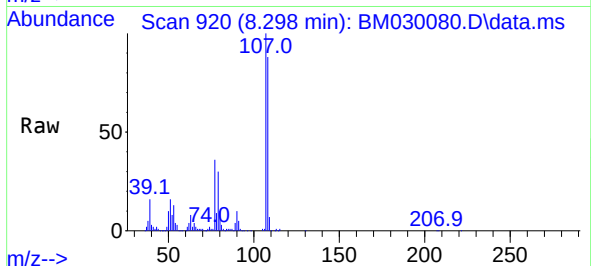
Tgt Ion: 70 Resp: 312632
Ion Ratio Lower Upper
70 100
42 68.2 49.4 74.0
101 9.2 7.8 11.6
130 19.3 16.5 24.7





#18
4-Methylphenol
Concen: 33.10 ng/ul
RT: 8.298 min Scan# 920
Delta R.T. 0.000 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16

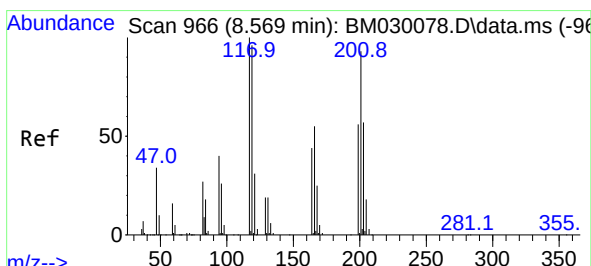
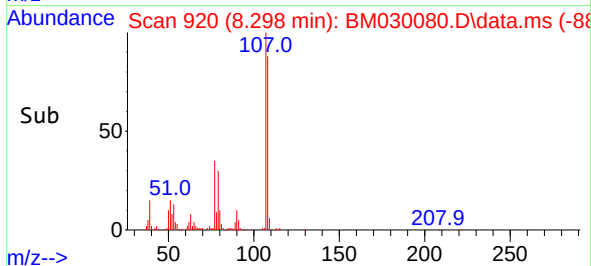
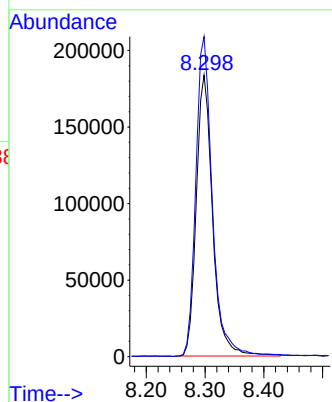
Instrument :
BNA_M
ClientSampleId :
SLCS510



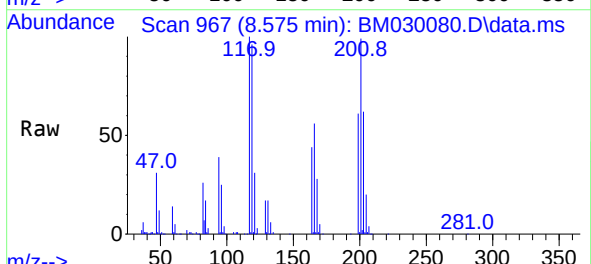
Tgt Ion:108 Resp: 354224
Ion Ratio Lower Upper
108 100
107 113.6 89.4 134.0

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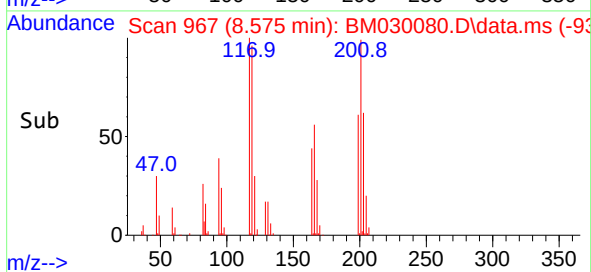
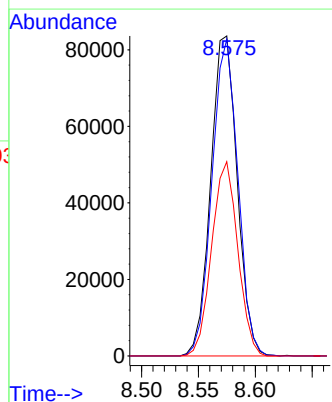
mohammad
5/20/2021 11:36:08 AM

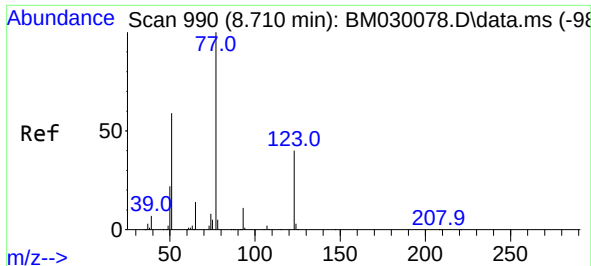


#19
Hexachloroethane
Concen: 32.72 ng/ul
RT: 8.575 min Scan# 967
Delta R.T. 0.000 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16



Tgt Ion:117 Resp: 135782
Ion Ratio Lower Upper
117 100
201 99.0 79.4 119.2
199 60.7 48.0 72.0





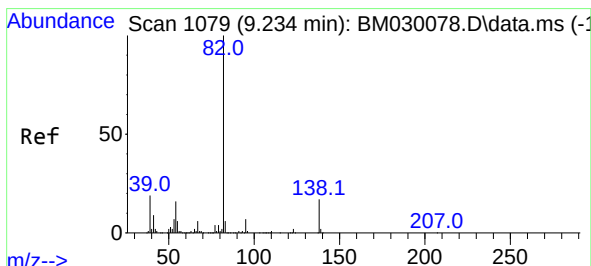
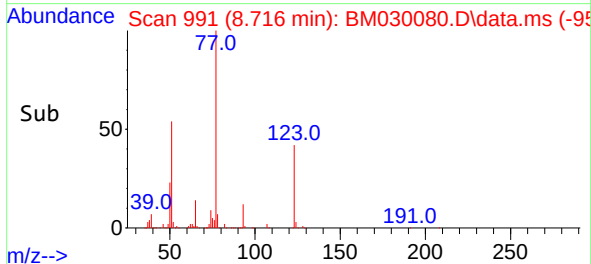
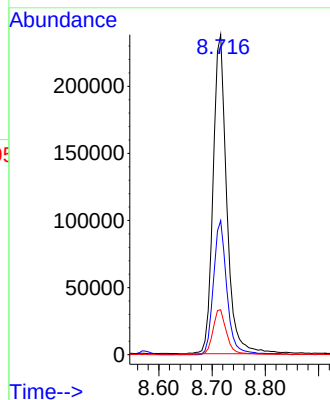
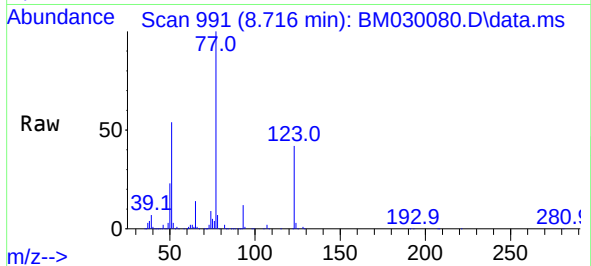
#22
Nitrobenzene
Concen: 37.39 ng/ul
RT: 8.716 min Scan# 991
Delta R.T. 0.000 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16

Tgt Ion: 77 Resp: 425013
Ion Ratio Lower Upper
77 100
123 41.9 35.0 52.6
65 14.1 10.3 15.5

Instrument :
BNA_M
ClientSampled :
SLCS510

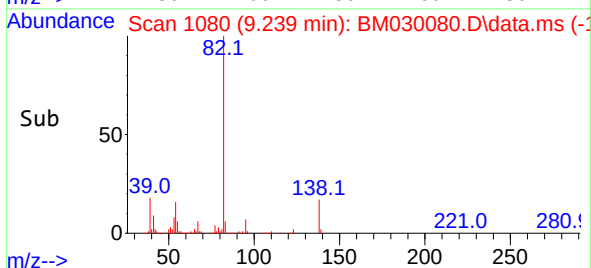
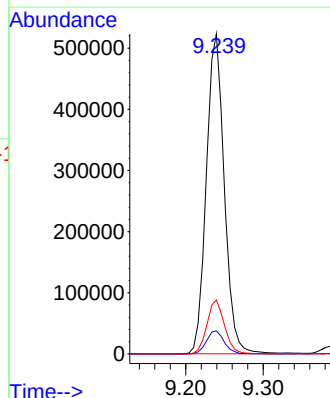
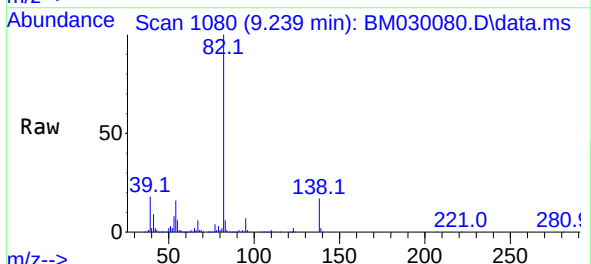
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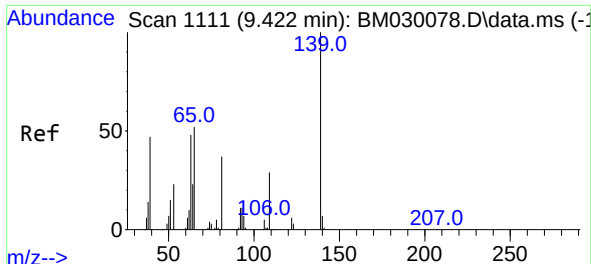
mohammad
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#23
Isophorone
Concen: 35.02 ng/ul
RT: 9.239 min Scan# 1080
Delta R.T. 0.000 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16

Tgt Ion: 82 Resp: 841879
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 16.9 13.8 20.6





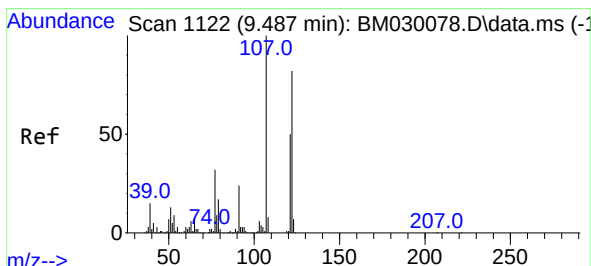
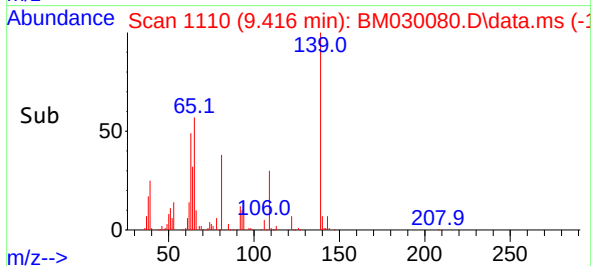
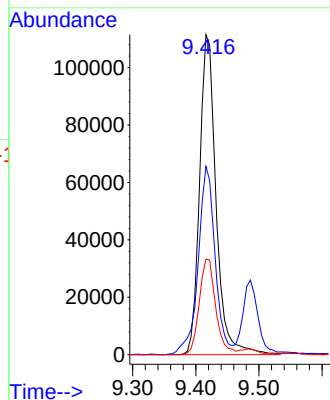
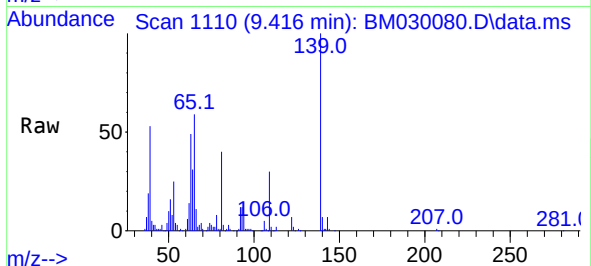
#25
2-Nitrophenol
Concen: 37.86 ng/ul
RT: 9.416 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16

Tgt Ion:139 Resp: 202359
Ion Ratio Lower Upper
139 100
65 58.8 44.6 67.0
109 29.8 24.4 36.6

Instrument :
BNA_M
ClientSampled :
SLCS510

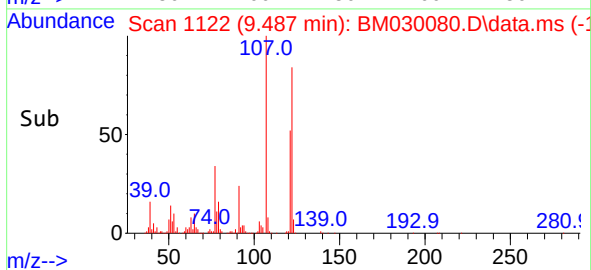
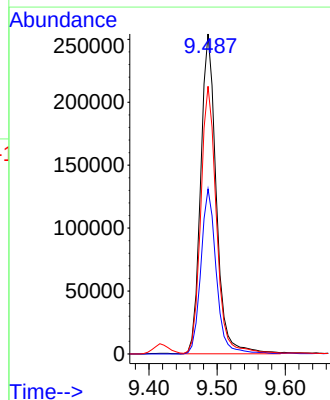
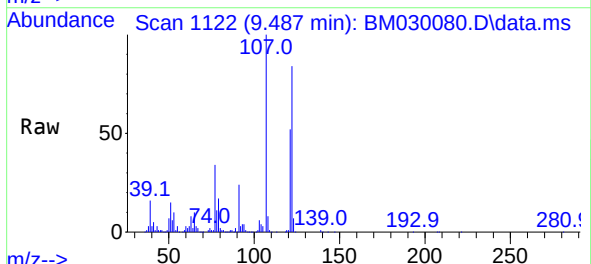
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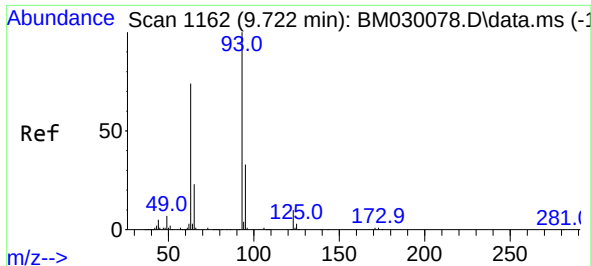
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#26
2,4-Dimethylphenol
Concen: 33.64 ng/ul
RT: 9.487 min Scan# 1122
Delta R.T. 0.000 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16

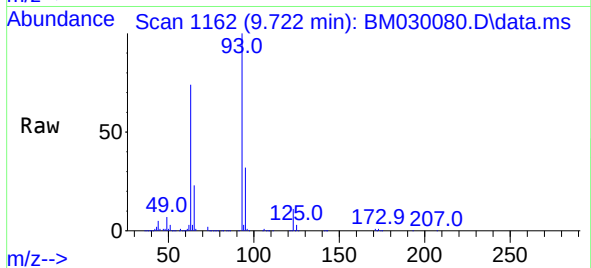
Tgt Ion:107 Resp: 405763
Ion Ratio Lower Upper
107 100
121 51.6 40.7 61.1
122 83.7 68.9 103.3





#27
Bis(2-Chloroethoxy)methane
Concen: 34.70 ng/ul
RT: 9.722 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16

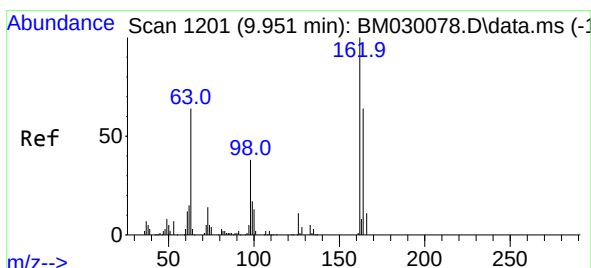
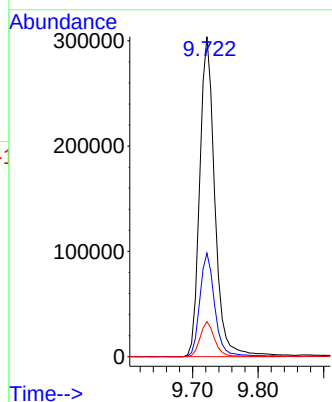
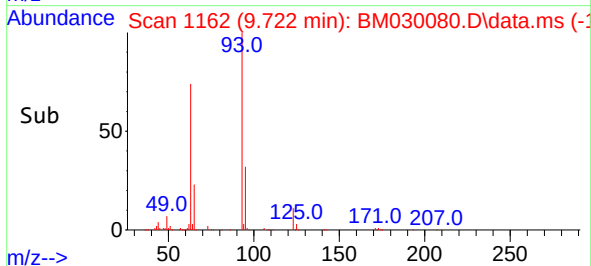
Instrument :
BNA_M
ClientSampled :
SLCS510



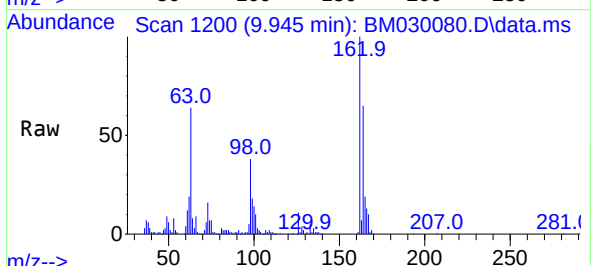
Tgt Ion: 93 Resp: 488620
Ion Ratio Lower Upper
93 100
95 32.4 25.3 37.9
123 11.0 8.8 13.2

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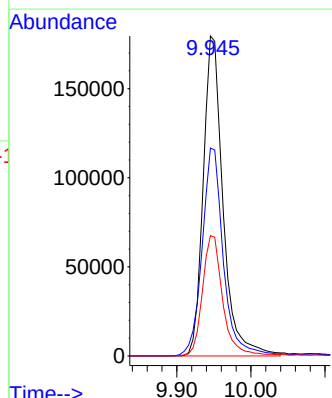
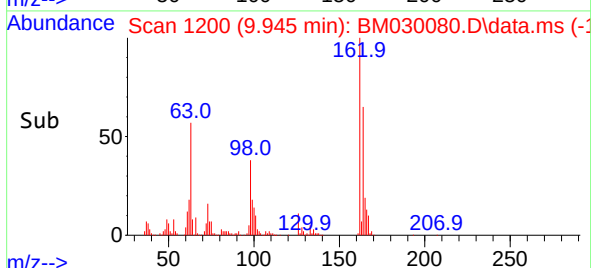
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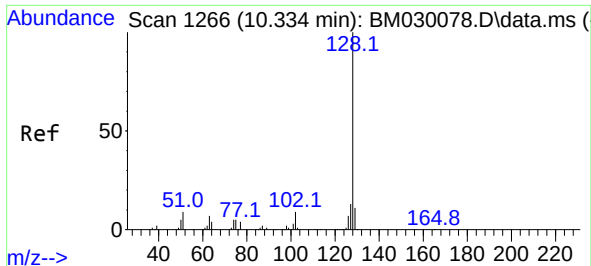


#29
2,4-Dichlorophenol
Concen: 34.50 ng/ul
RT: 9.945 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16

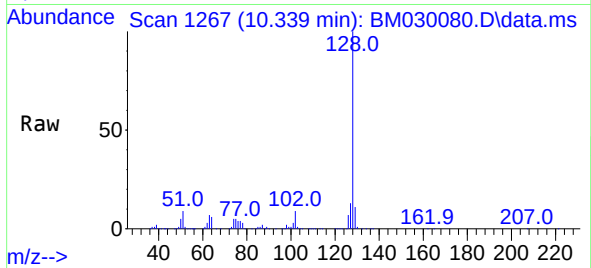


Tgt Ion: 162 Resp: 334496
Ion Ratio Lower Upper
162 100
164 64.9 51.2 76.8
98 37.6 29.7 44.5

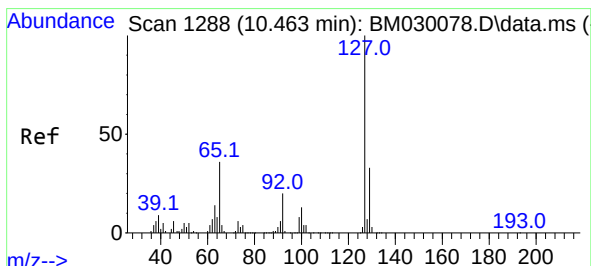
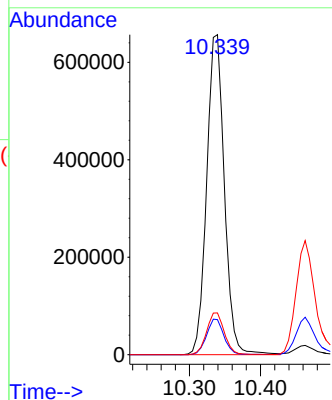
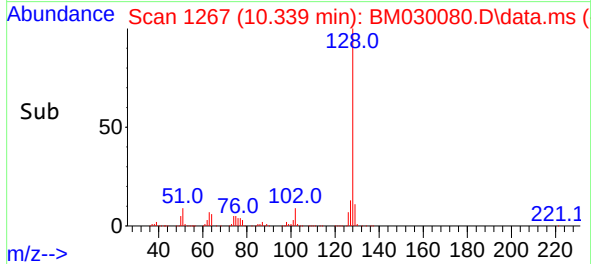




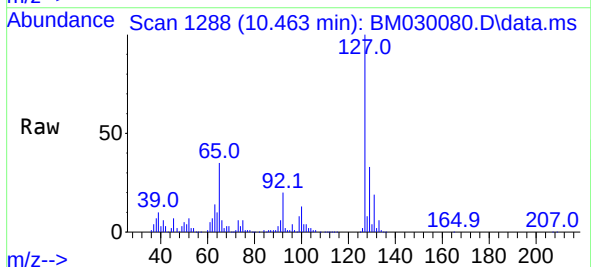
#30
Naphthalene
Concen: 32.39 ng/u1
RT: 10.339 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16



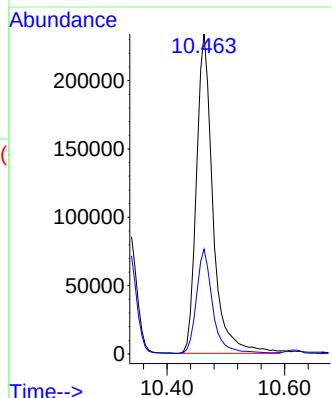
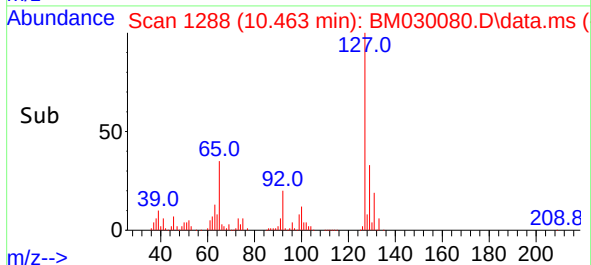
Tgt Ion:128 Resp: 1137933
Ion Ratio Lower Upper
128 100
129 10.9 8.5 12.7
127 13.1 10.4 15.6



#32
4-Chloroaniline
Concen: 29.45 ng/u1
RT: 10.463 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16



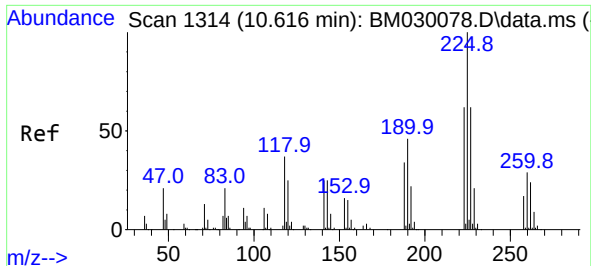
Tgt Ion:127 Resp: 455886
Ion Ratio Lower Upper
127 100
129 32.8 26.3 39.5



Instrument :
BNA_M
ClientSampled :
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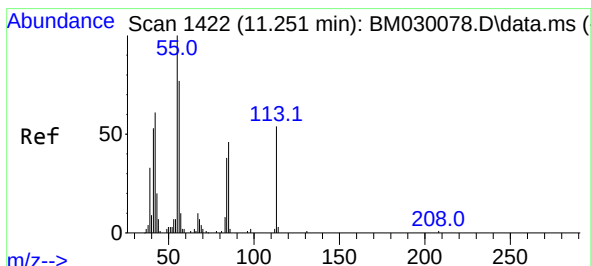
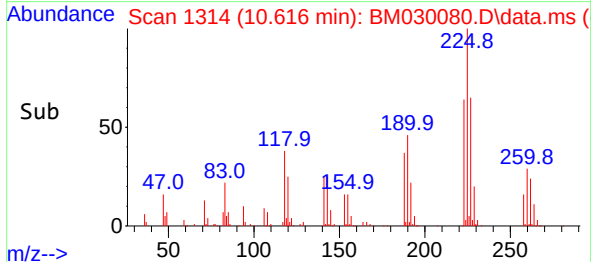
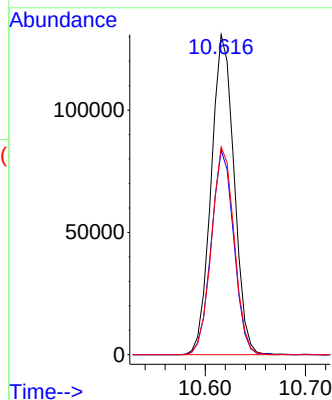
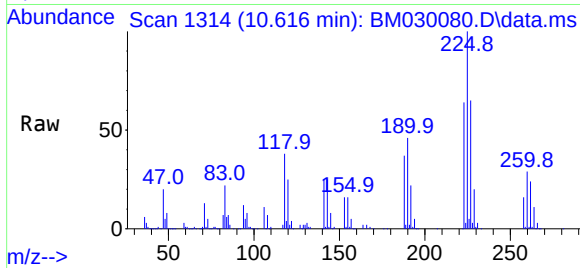
#33
Hexachlorobutadiene
Concen: 31.96 ng/ul
RT: 10.616 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16

Tgt Ion:225 Resp: 207738
Ion Ratio Lower Upper
225 100
223 63.9 53.0 79.4
227 64.9 51.2 76.8

Instrument :
BNA_M
ClientSampled :
SLCS510

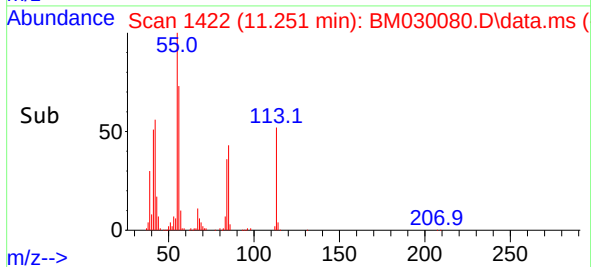
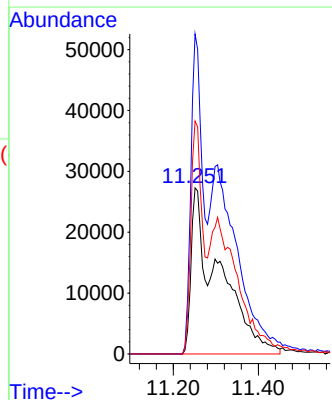
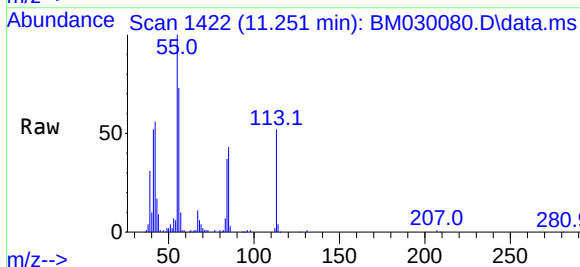
Manual Integrations
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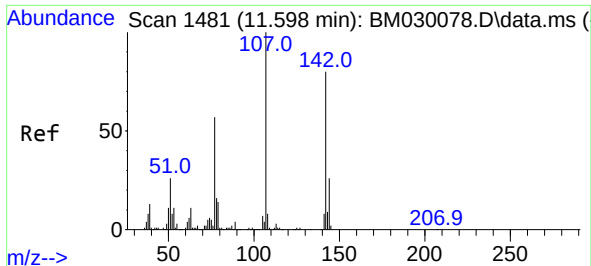
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#34
Caprolactam
Concen: 36.22 ng/ul m
RT: 11.251 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16

Tgt Ion:113 Resp: 124625
Ion Ratio Lower Upper
113 100
55 192.7 138.9 208.3
56 140.2 105.4 158.2





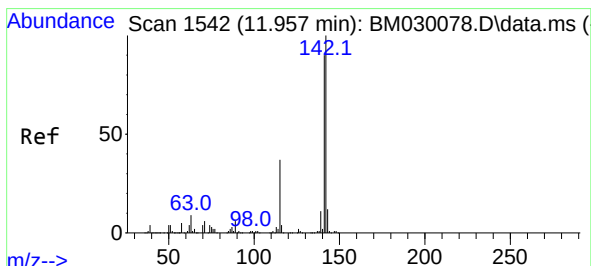
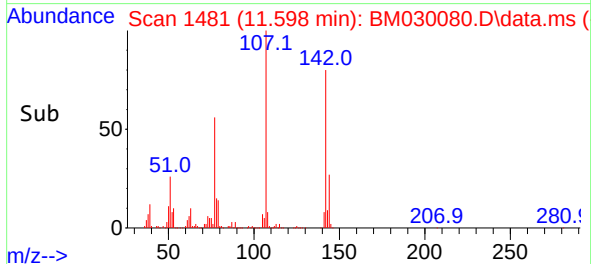
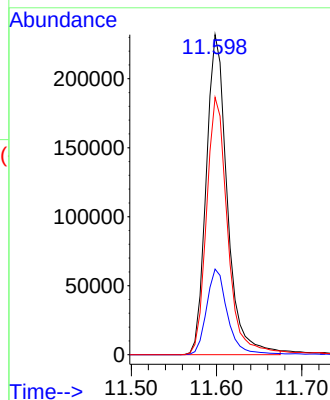
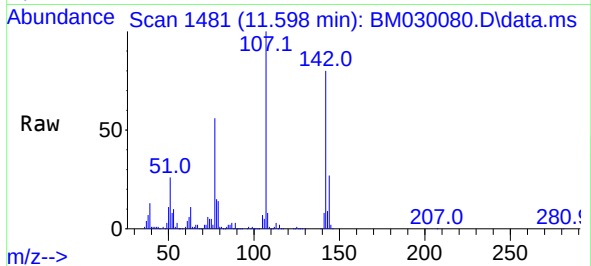
#35
4-Chloro-3-methylphenol
Concen: 37.14 ng/ul
RT: 11.598 min Scan# 1481
Delta R.T. 0.000 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16

Tgt Ion:107 Resp: 398497
Ion Ratio Lower Upper
107 100
144 26.7 21.3 31.9
142 80.4 64.6 97.0

Instrument :
BNA_M
ClientSampled :
SLCS510

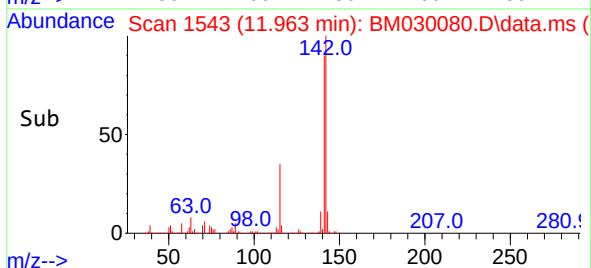
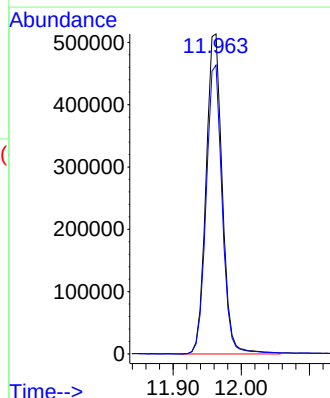
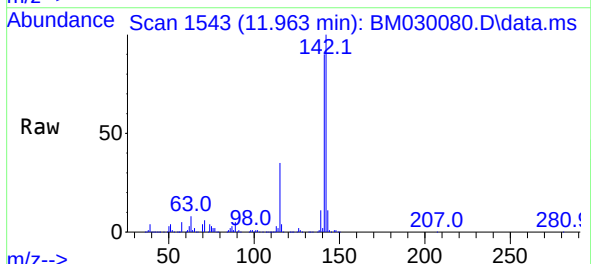
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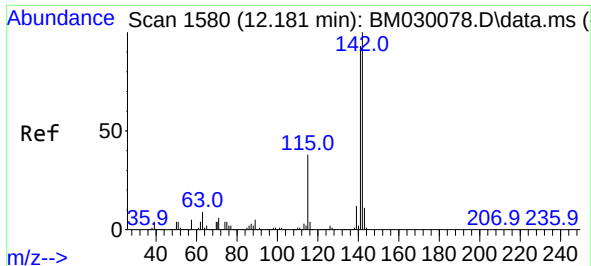
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#36
2-Methylnaphthalene
Concen: 33.39 ng/ul
RT: 11.963 min Scan# 1543
Delta R.T. 0.000 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16

Tgt Ion:142 Resp: 851037
Ion Ratio Lower Upper
142 100
141 90.2 72.1 108.1





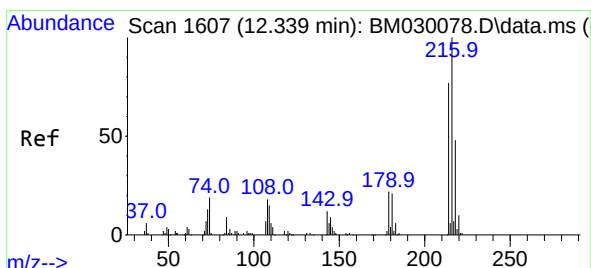
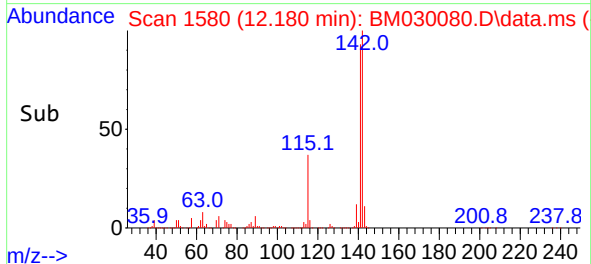
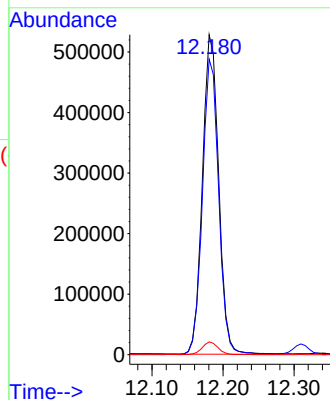
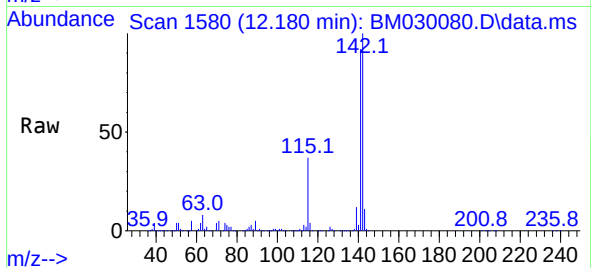
#37
1-Methylnaphthalene
Concen: 33.33 ng/ul
RT: 12.180 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16

Instrument :
BNA_M
ClientSampled :
SLCS510

Tgt Ion:142 Resp: 841777
Ion Ratio Lower Upper
142 100
141 92.4 72.9 109.3
116 4.0 3.0 4.6

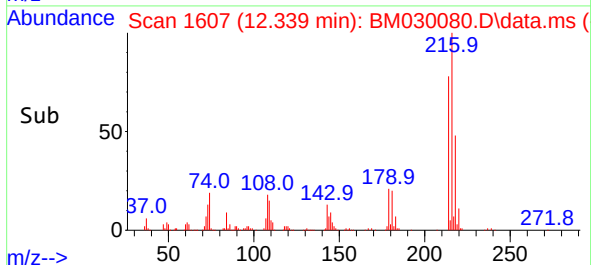
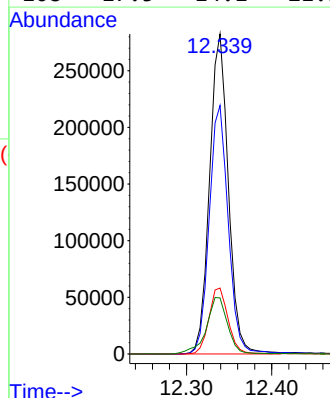
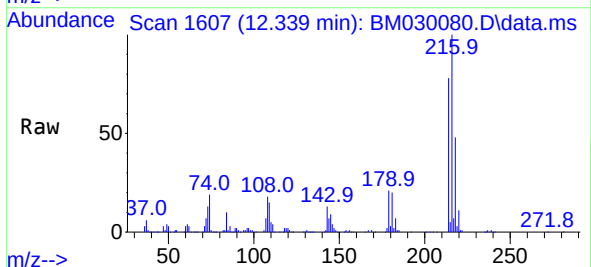
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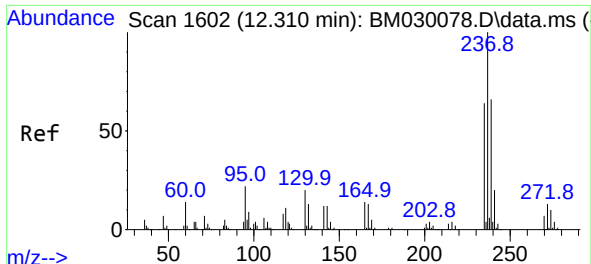
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 32.36 ng/ul
RT: 12.339 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16

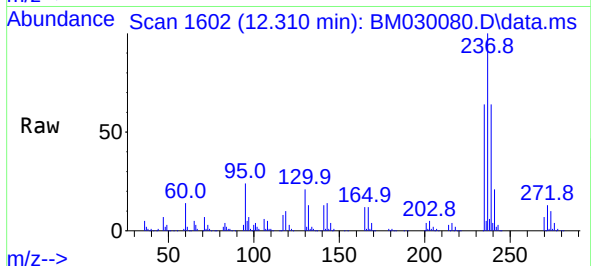
Tgt Ion:216 Resp: 432675
Ion Ratio Lower Upper
216 100
214 77.6 61.9 92.9
179 20.6 16.8 25.2
108 17.5 14.1 21.1





#40
Hexachlorocyclopentadiene
Concen: 27.82 ng/ul
RT: 12.310 min Scan# 1602
Delta R.T. -0.006 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16

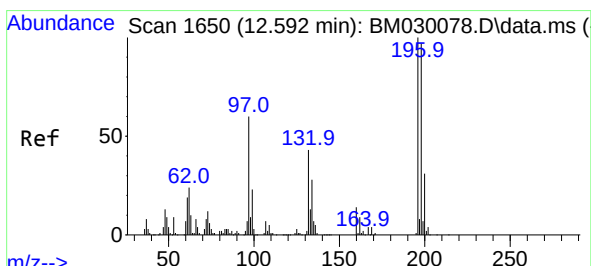
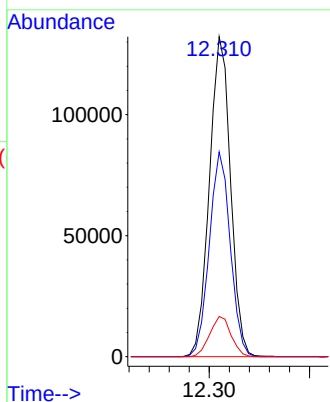
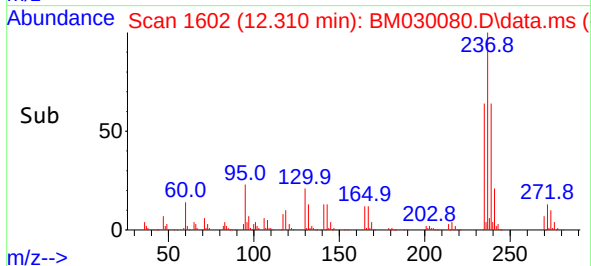
Instrument :
BNA_M
ClientSampled :
SLCS510



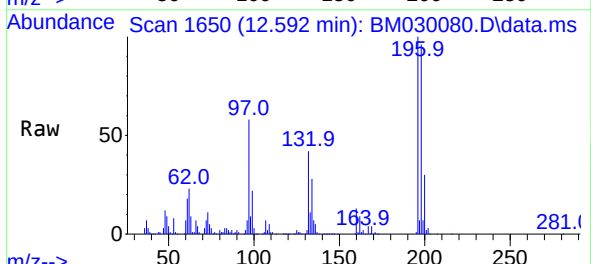
Tgt Ion:237 Resp: 193205
Ion Ratio Lower Upper
237 100
235 64.0 50.0 75.0
272 13.2 10.2 15.2

Manual Integrations
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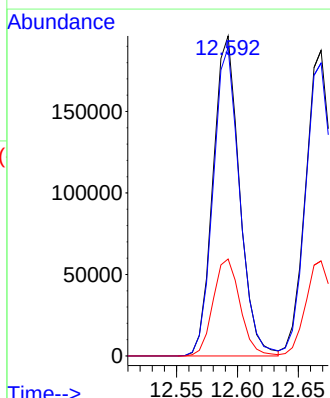
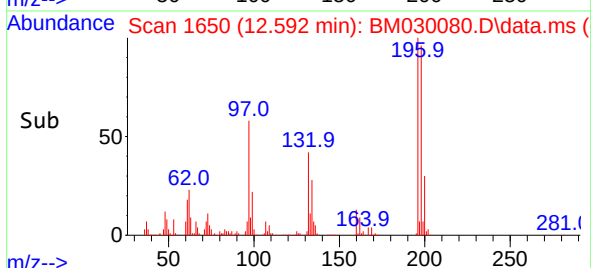
mohammad
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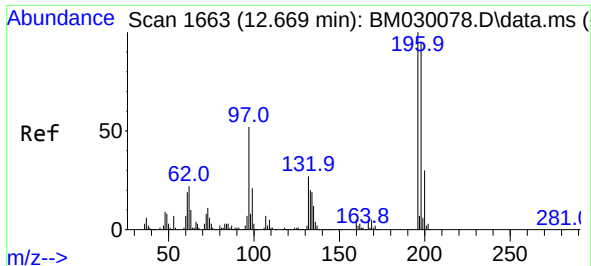


#41
2,4,6-Trichlorophenol
Concen: 36.43 ng/ul
RT: 12.592 min Scan# 1650
Delta R.T. 0.000 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16



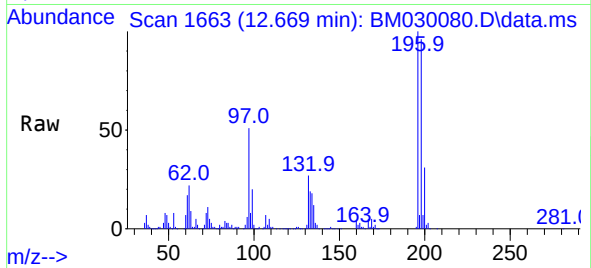
Tgt Ion:196 Resp: 297052
Ion Ratio Lower Upper
196 100
198 96.4 77.0 115.4
200 30.3 23.7 35.5





#42
2,4,5-Trichlorophenol
Concen: 36.55 ng/ul
RT: 12.669 min Scan# 1663
Delta R.T. 0.000 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16

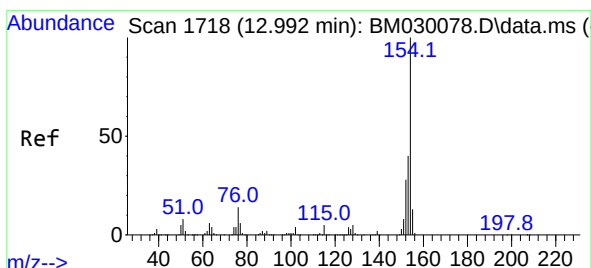
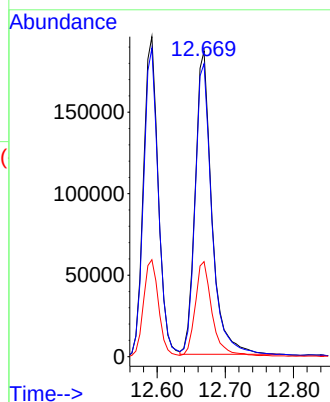
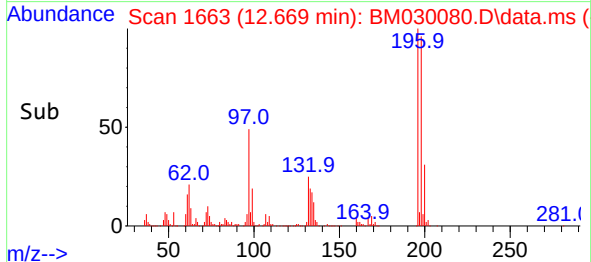
Instrument :
BNA_M
ClientSampled :
SLCS510



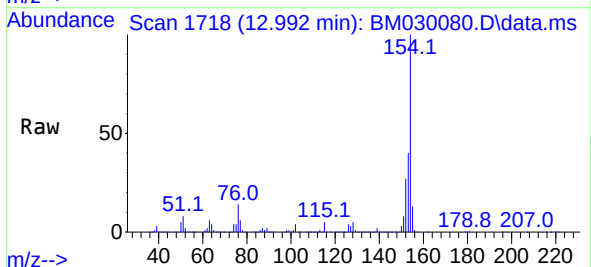
Tgt Ion:196 Resp: 315393
Ion Ratio Lower Upper
196 100
198 95.9 75.3 112.9
200 31.1 24.6 36.8

Manual Integrations
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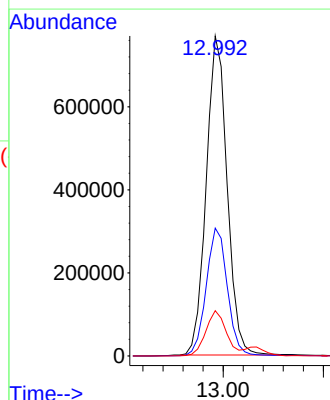
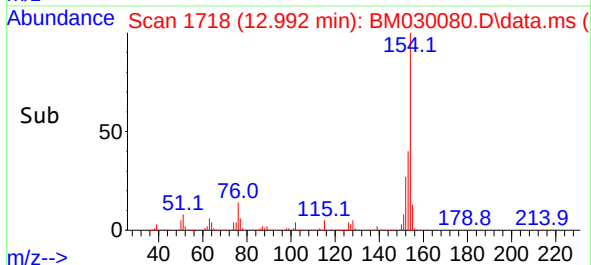
mohammad
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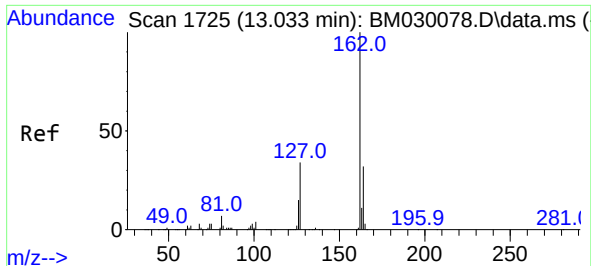


#43
1,1'-Biphenyl
Concen: 33.11 ng/ul
RT: 12.992 min Scan# 1718
Delta R.T. -0.006 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16



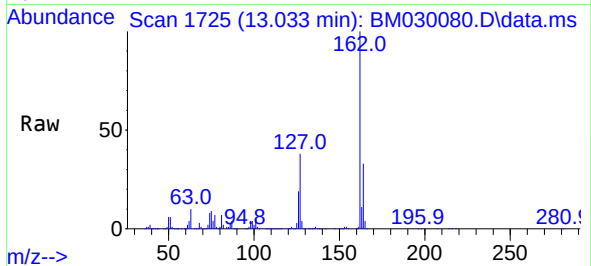
Tgt Ion:154 Resp: 1113569
Ion Ratio Lower Upper
154 100
153 39.9 33.3 49.9
76 14.2 10.3 15.5





#44
2-Chloronaphthalene
Concen: 33.88 ng/ul
RT: 13.033 min Scan# 1725
Delta R.T. 0.000 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16

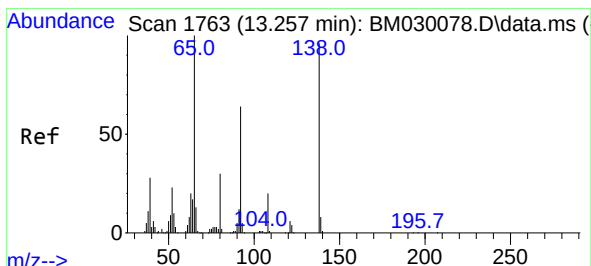
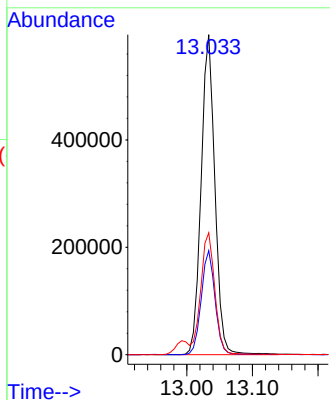
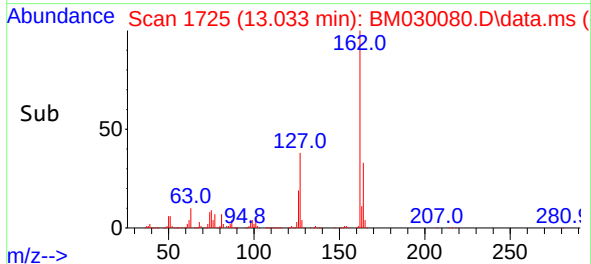
Instrument :
BNA_M
ClientSampled :
SLCS510



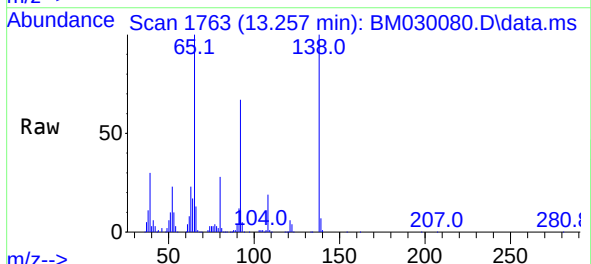
Tgt Ion:162 Resp: 874554
Ion Ratio Lower Upper
162 100
164 32.5 25.8 38.6
127 38.1 31.0 46.6

Manual Integrations
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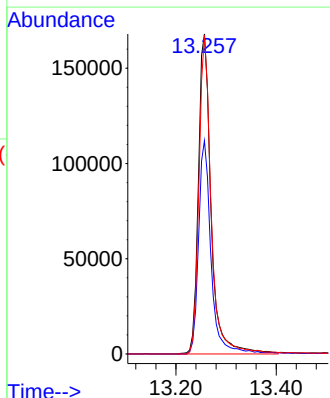
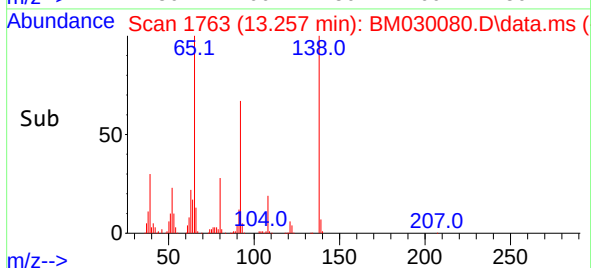
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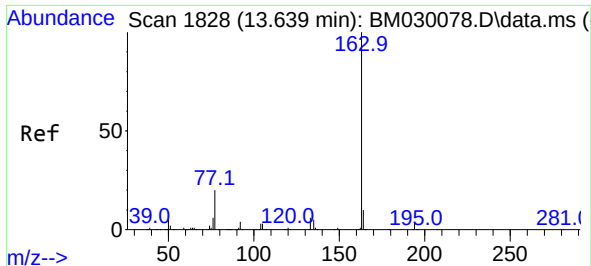


#45
2-Nitroaniline
Concen: 45.25 ng/ul
RT: 13.257 min Scan# 1763
Delta R.T. -0.006 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16



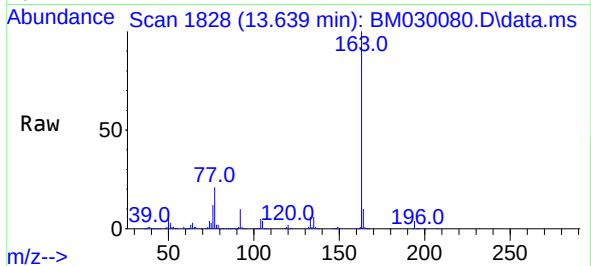
Tgt Ion: 65 Resp: 295234
Ion Ratio Lower Upper
65 100
92 66.6 53.2 79.8
138 99.6 81.1 121.7





#47
Dimethylphthalate
Concen: 35.96 ng/ul
RT: 13.639 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16

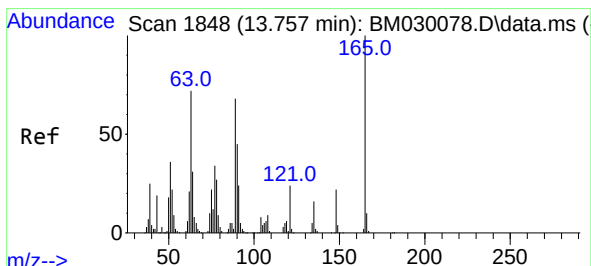
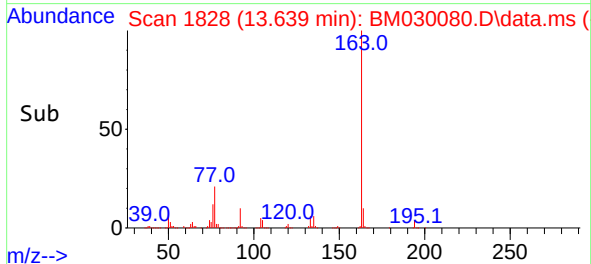
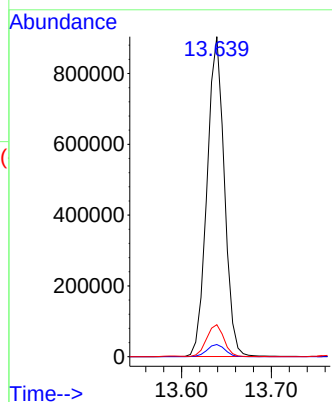
Instrument :
BNA_M
ClientSampled :
SLCS510



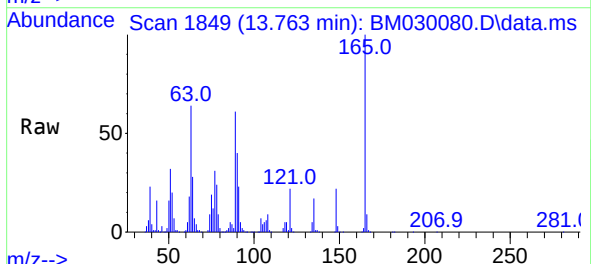
Tgt Ion:163 Resp: 1207465
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.0
164 10.0 7.8 11.8

Manual Integrations
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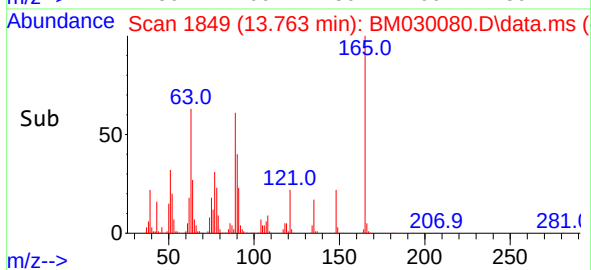
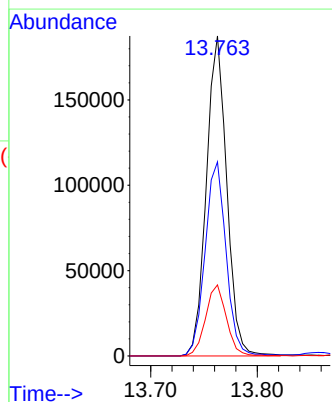
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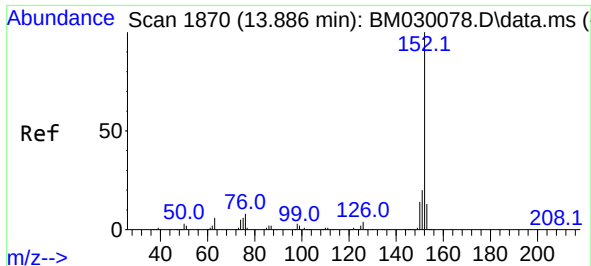


#48
2,6-Dinitrotoluene
Concen: 41.40 ng/ul
RT: 13.763 min Scan# 1849
Delta R.T. 0.000 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16



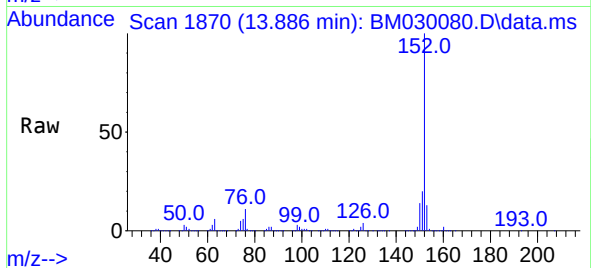
Tgt Ion:165 Resp: 249571
Ion Ratio Lower Upper
165 100
89 60.7 52.5 78.7
121 22.2 18.8 28.2





#50
Acenaphthylene
Concen: 32.93 ng/ul
RT: 13.886 min Scan# 1870
Delta R.T. 0.000 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16

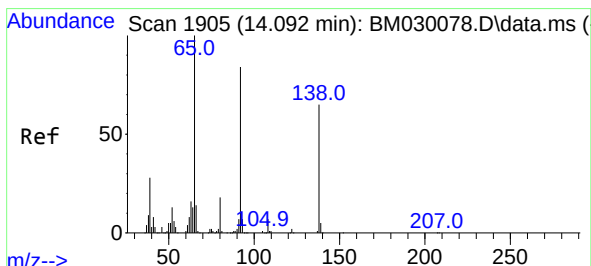
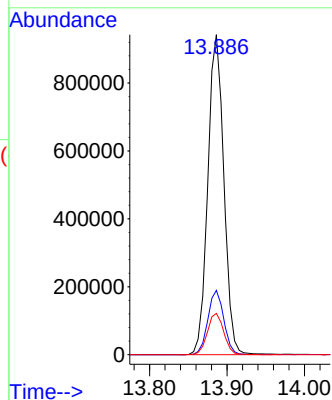
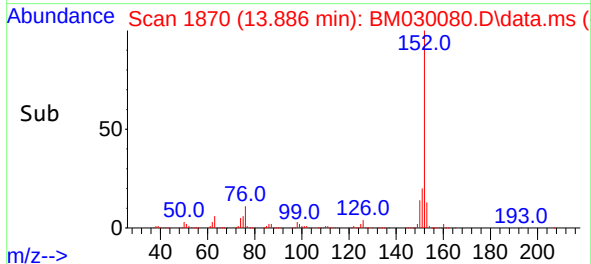
Instrument :
BNA_M
ClientSampled :
SLCS510



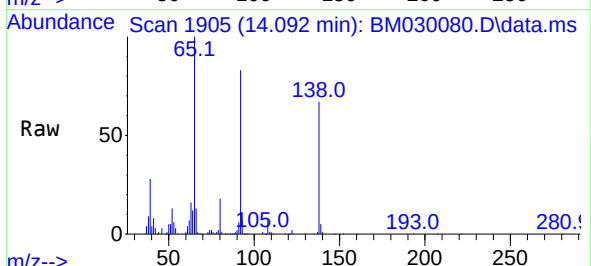
Tgt Ion:152 Resp: 1353612
Ion Ratio Lower Upper
152 100
151 20.1 16.6 24.8
153 12.9 10.6 16.0

Manual Integrations
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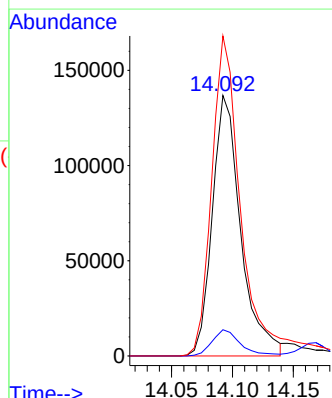
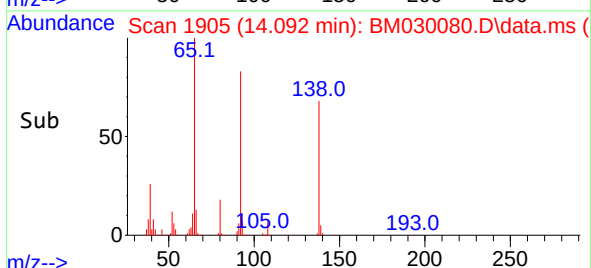
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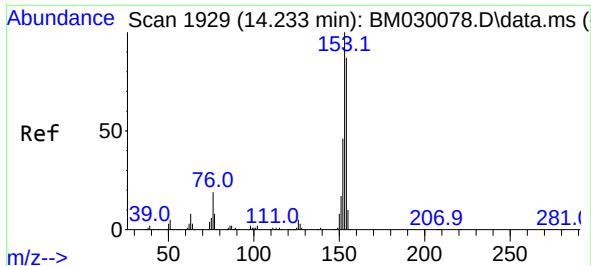


#51
3-Nitroaniline
Concen: 32.84 ng/ul
RT: 14.092 min Scan# 1905
Delta R.T. -0.006 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16



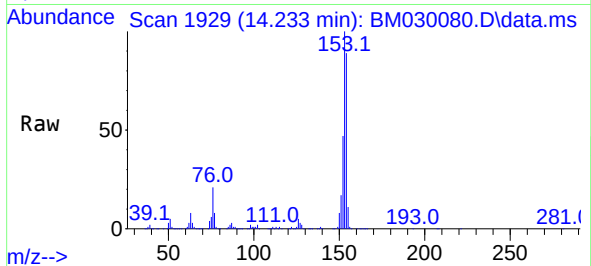
Tgt Ion:138 Resp: 222418
Ion Ratio Lower Upper
138 100
108 10.1 8.5 12.7
92 122.9 100.1 150.1





#52
Acenaphthene
Concen: 34.28 ng/ul
RT: 14.233 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16

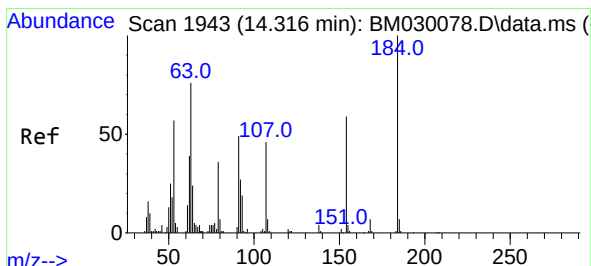
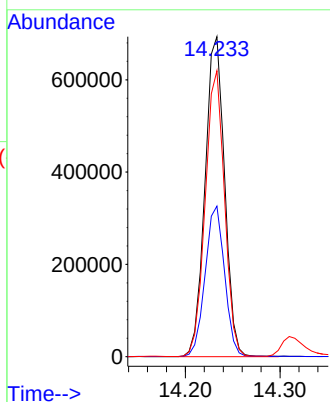
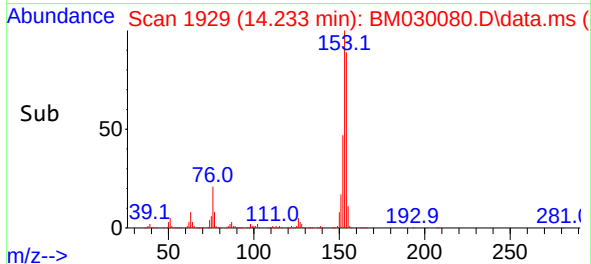
Instrument :
BNA_M
ClientSampled :
SLCS510



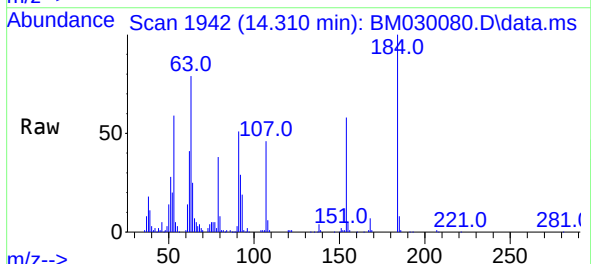
Tgt Ion:153 Resp: 995840
Ion Ratio Lower Upper
153 100
152 47.0 37.7 56.5
154 89.4 70.2 105.4

Manual Integrations
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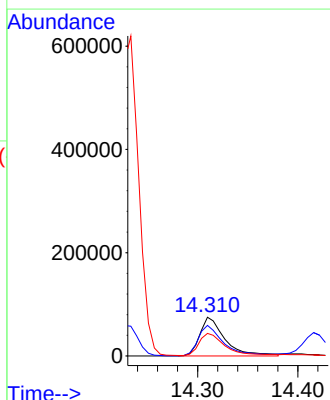
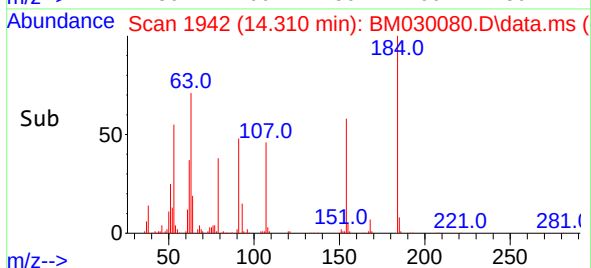
mohammad
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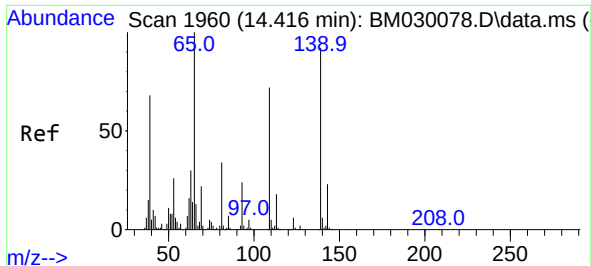


#53
2,4-Dinitrophenol
Concen: 31.81 ng/ul
RT: 14.310 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16



Tgt Ion:184 Resp: 130473
Ion Ratio Lower Upper
184 100
63 79.0 57.2 85.8
154 58.5 45.8 68.6





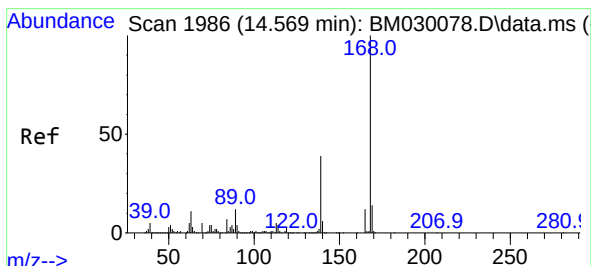
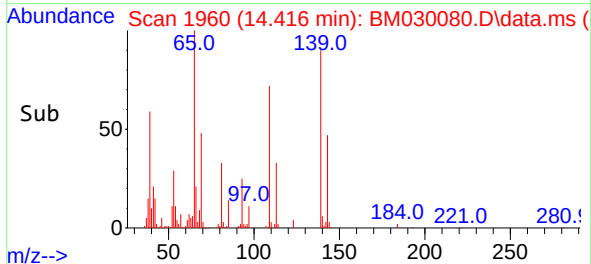
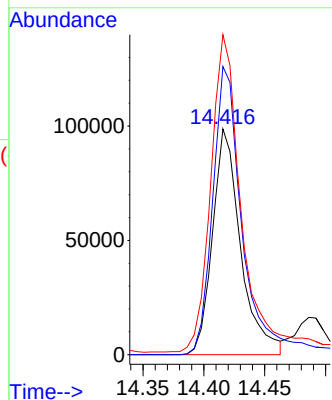
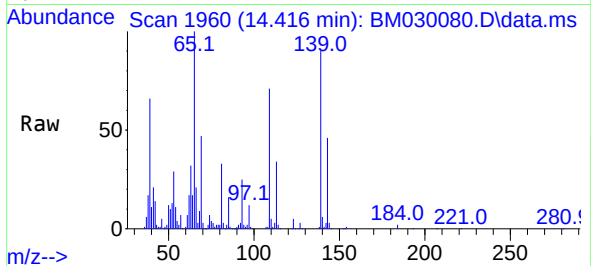
#55
4-Nitrophenol
Concen: 37.84 ng/ul
RT: 14.416 min Scan# 1960
Delta R.T. -0.006 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16

Tgt Ion:109 Resp: 158908
Ion Ratio Lower Upper
109 100
139 127.7 102.1 153.1
65 141.8 114.6 172.0

Instrument :
BNA_M
ClientSampled :
SLCS510

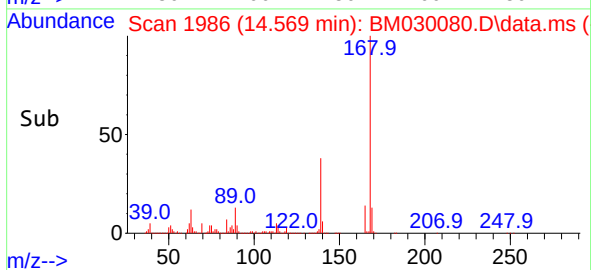
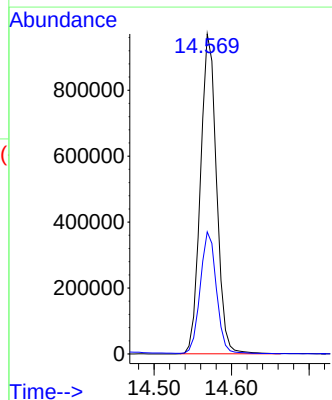
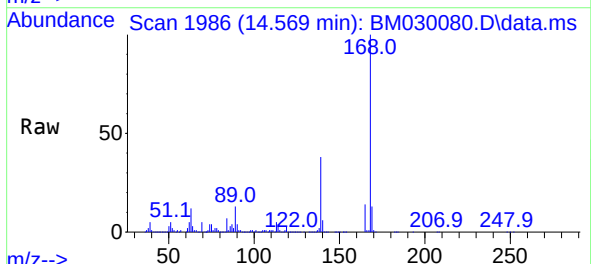
Manual Integrations
APPROVED

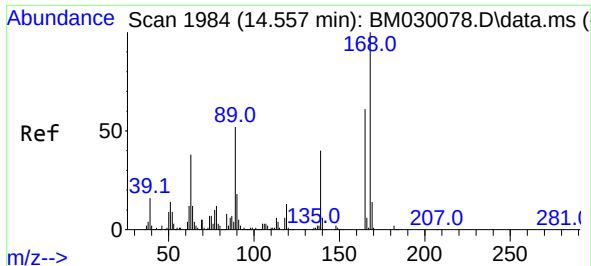
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#56
Dibenzofuran
Concen: 35.15 ng/ul
RT: 14.569 min Scan# 1986
Delta R.T. -0.006 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16

Tgt Ion:168 Resp: 1398614
Ion Ratio Lower Upper
168 100
139 38.1 29.8 44.6





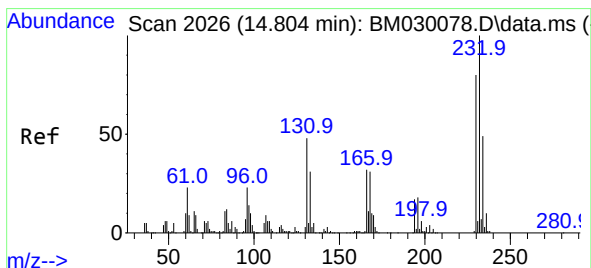
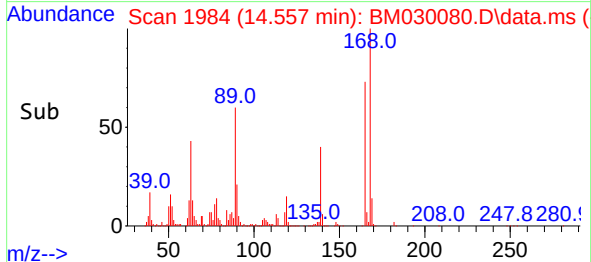
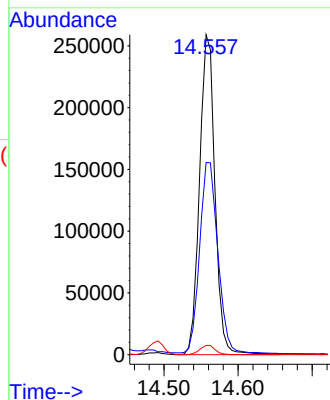
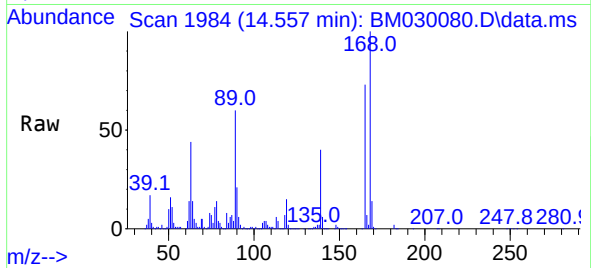
#57
2,4-Dinitrotoluene
Concen: 41.90 ng/ul
RT: 14.557 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16

Tgt Ion:165 Resp: 373780
Ion Ratio Lower Upper
165 100
63 60.0 40.7 61.1
182 2.9 2.1 3.1

Instrument :
BNA_M
ClientSampled :
SLCS510

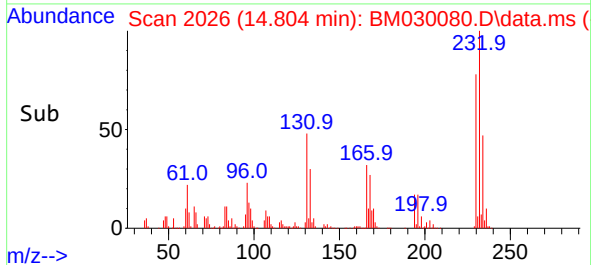
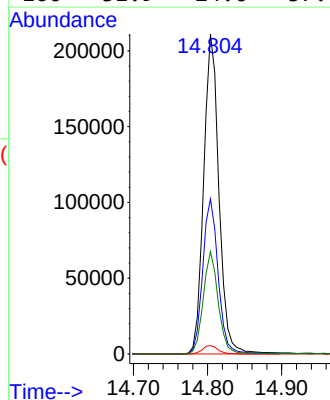
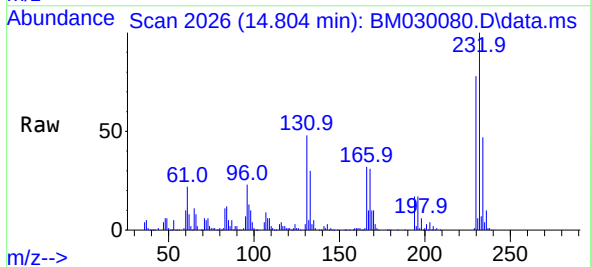
Manual Integrations
APPROVED

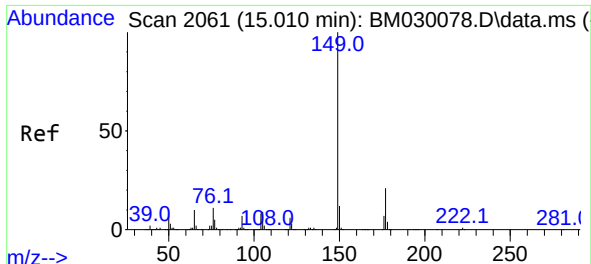
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#58
2,3,4,6-Tetrachlorophenol
Concen: 36.77 ng/ul
RT: 14.804 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16

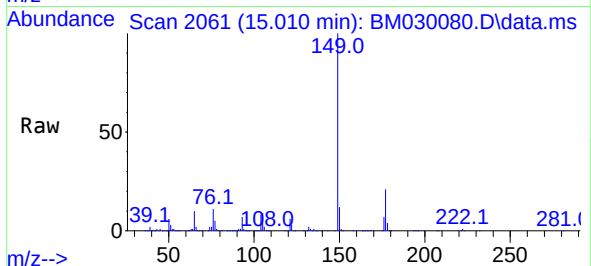
Tgt Ion:232 Resp: 302154
Ion Ratio Lower Upper
232 100
131 48.5 38.3 57.5
130 2.6 2.0 3.0
166 31.9 24.6 37.0





#59
Diethylphthalate
Concen: 37.33 ng/u1
RT: 15.010 min Scan# 2061
Delta R.T. 0.000 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16

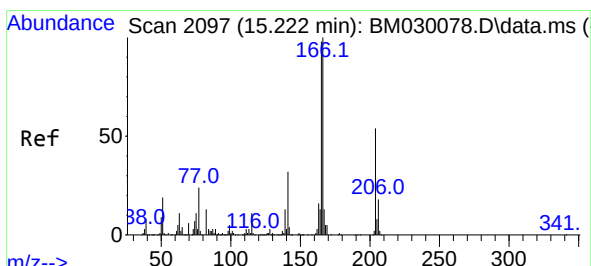
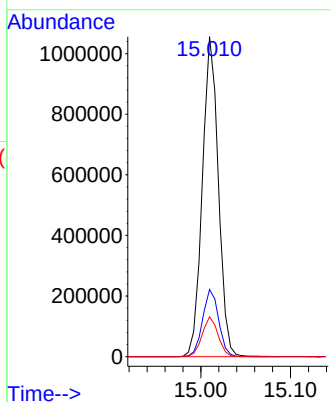
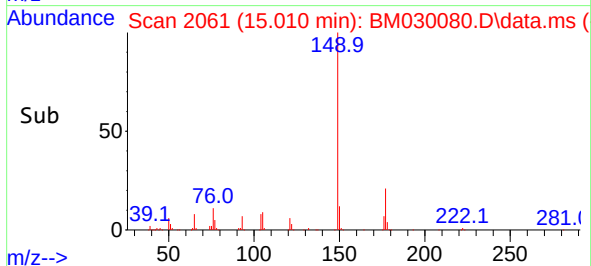
Instrument :
BNA_M
ClientSampled :
SLCS510



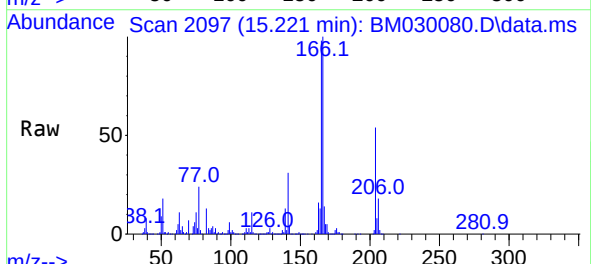
Tgt Ion:149 Resp: 1307513
Ion Ratio Lower Upper
149 100
177 21.0 17.2 25.8
150 12.5 10.0 15.0

Manual Integrations
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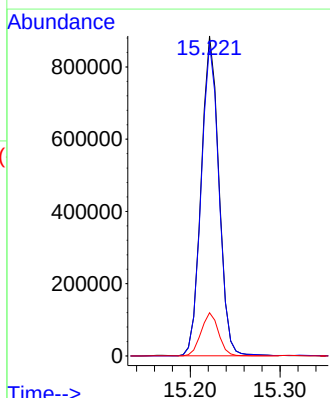
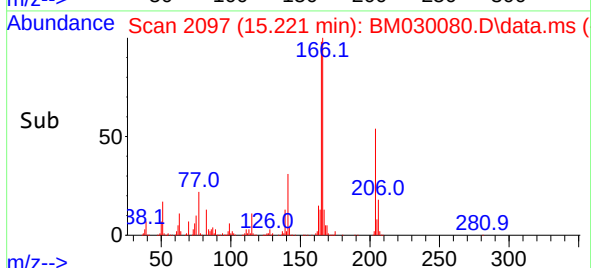
mohammad
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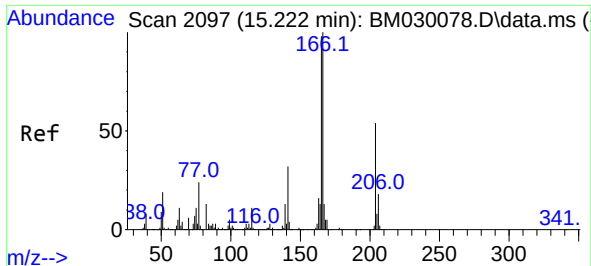


#61
Fluorene
Concen: 35.65 ng/u1
RT: 15.221 min Scan# 2097
Delta R.T. 0.000 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16



Tgt Ion:166 Resp: 1212471
Ion Ratio Lower Upper
166 100
165 97.7 78.4 117.6
167 13.5 10.9 16.3





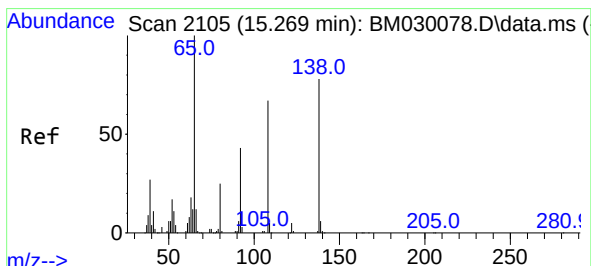
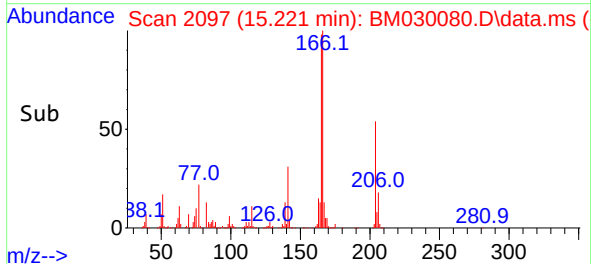
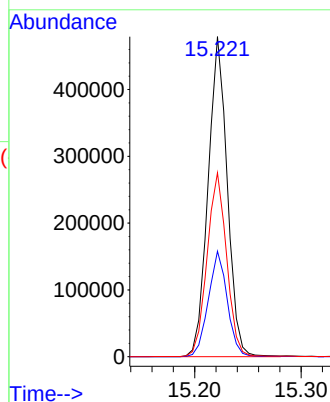
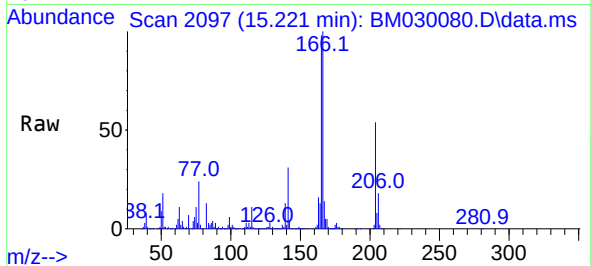
#62
4-Chlorophenyl-phenylether
Concen: 35.82 ng/ul
RT: 15.221 min Scan# 2097
Delta R.T. 0.000 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16

Instrument :
BNA_M
ClientSampled :
SLCS510

Tgt Ion:204 Resp: 598760
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.2
141 57.4 47.2 70.8

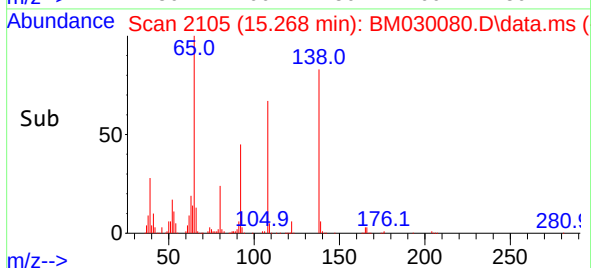
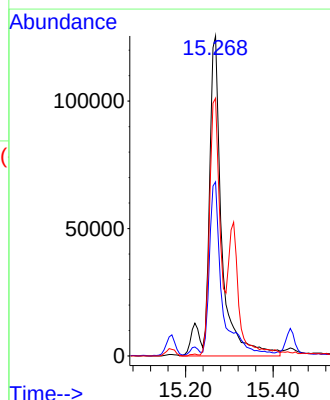
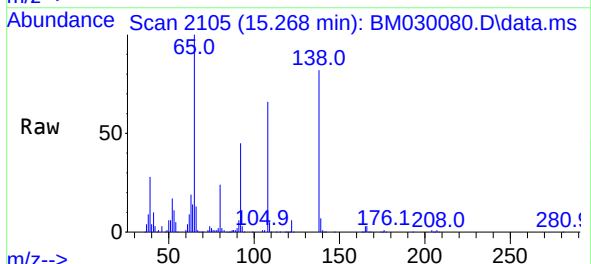
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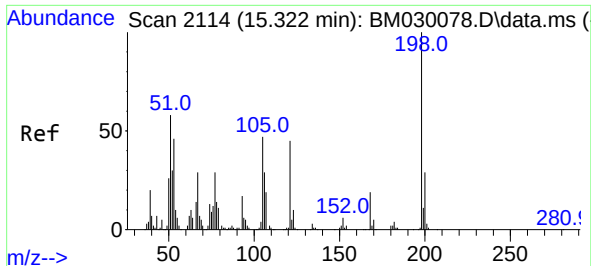
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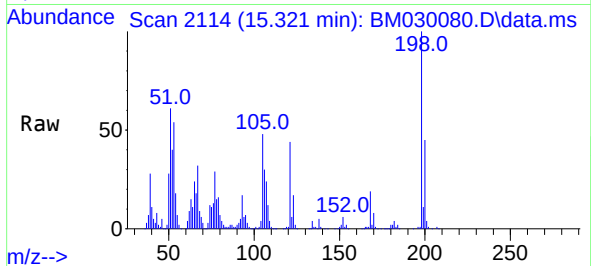
#63
4-Nitroaniline
Concen: 38.56 ng/ul m
RT: 15.268 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16

Tgt Ion:138 Resp: 258879
Ion Ratio Lower Upper
138 100
92 54.4 44.8 67.2
108 80.6 65.3 97.9

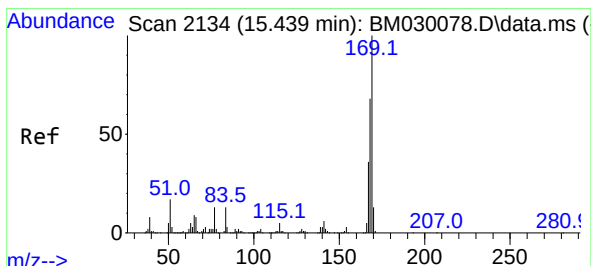
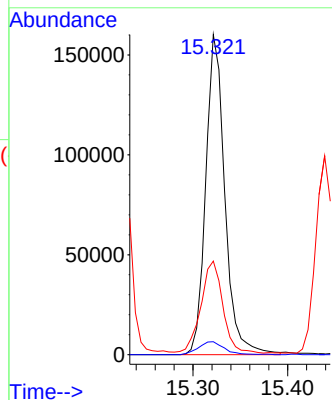
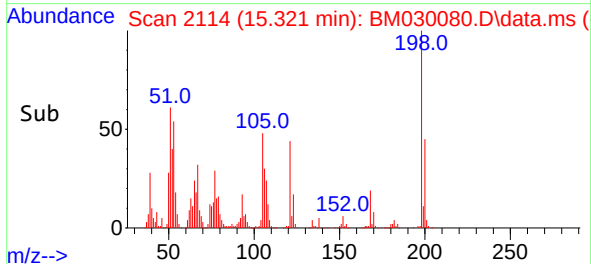




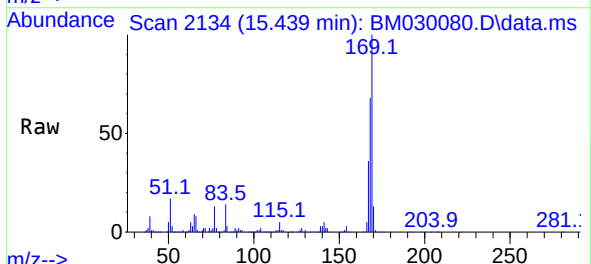
#66
4,6-Dinitro-2-methylphenol
Concen: 38.38 ng/ul
RT: 15.321 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16



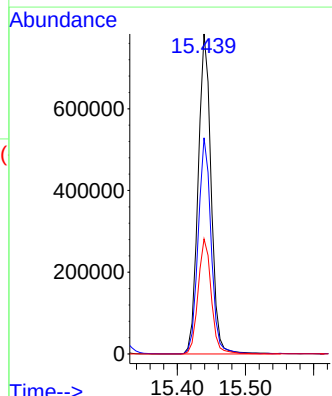
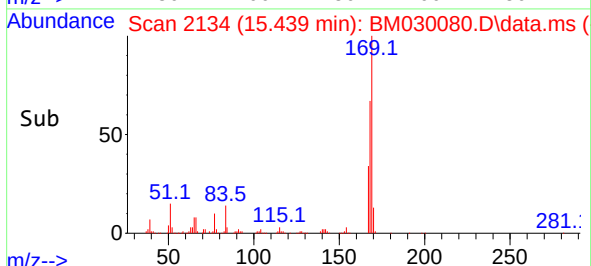
Tgt Ion:198 Resp: 224679
Ion Ratio Lower Upper
198 100
182 4.1 4.3 6.5#
77 29.3 23.0 34.4



#67
N-Nitrosodiphenylamine
Concen: 34.92 ng/ul
RT: 15.439 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16



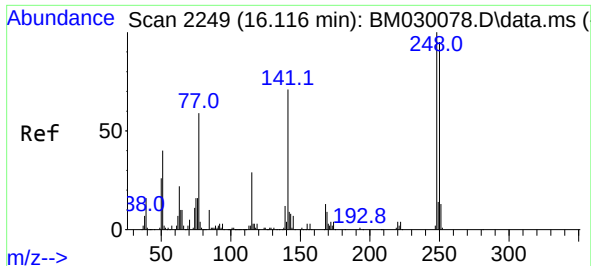
Tgt Ion:169 Resp: 1038853
Ion Ratio Lower Upper
169 100
168 67.5 53.0 79.4
167 36.0 27.8 41.6



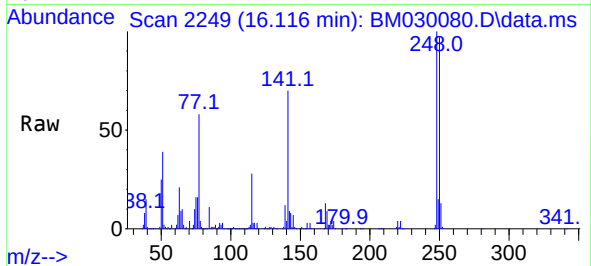
Instrument :
BNA_M
ClientSampled :
SLCS510

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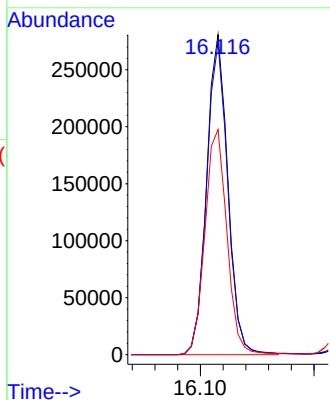
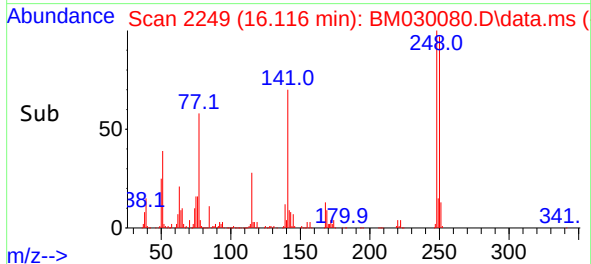
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#68
4-Bromophenyl-phenylether
Concen: 35.78 ng/ul
RT: 16.116 min Scan# 2249
Delta R.T. 0.000 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16



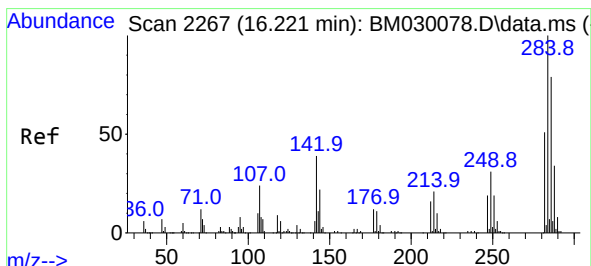
Tgt Ion:248 Resp: 364705
Ion Ratio Lower Upper
248 100
250 97.5 77.5 116.3
141 70.3 55.1 82.7



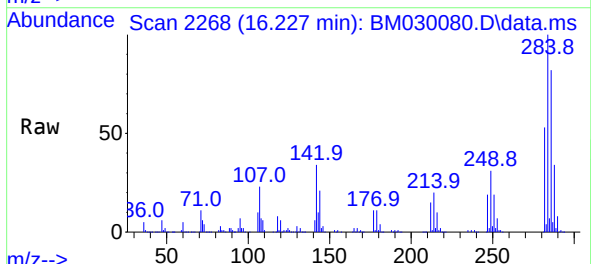
Instrument :
BNA_M
ClientSampled :
SLCS510

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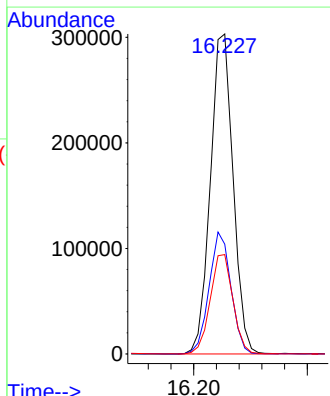
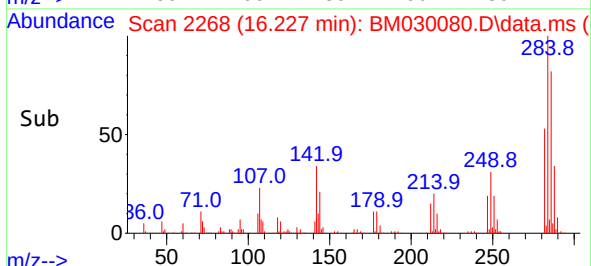
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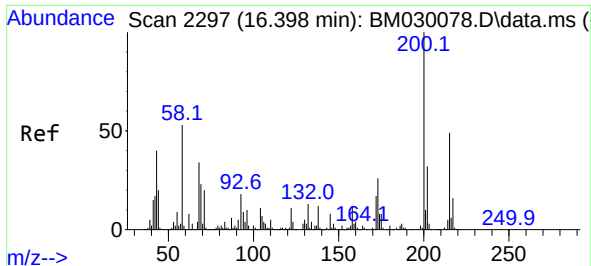


#69
Hexachlorobenzene
Concen: 34.82 ng/ul
RT: 16.227 min Scan# 2268
Delta R.T. 0.000 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16

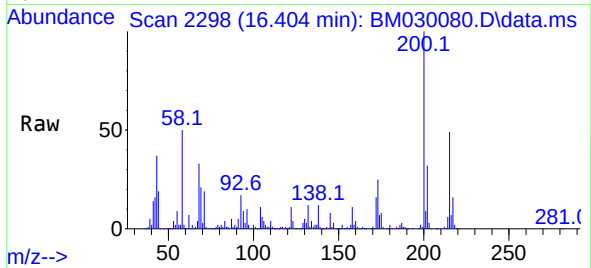


Tgt Ion:284 Resp: 421498
Ion Ratio Lower Upper
284 100
142 34.3 26.4 39.6
249 31.1 24.5 36.7

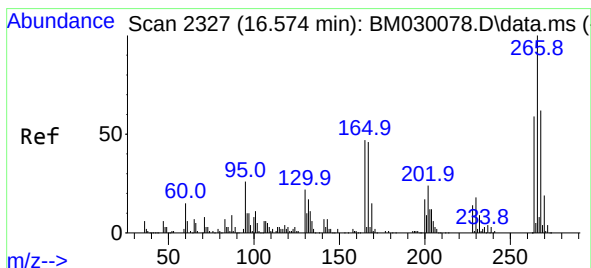
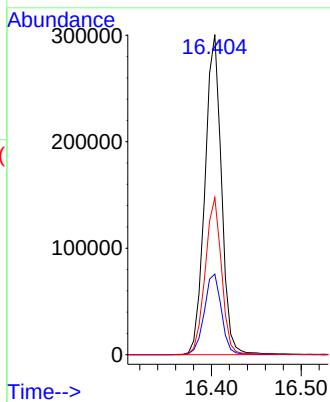
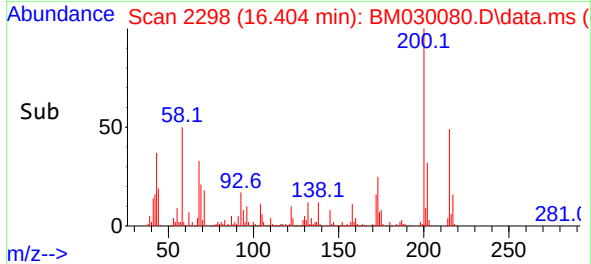




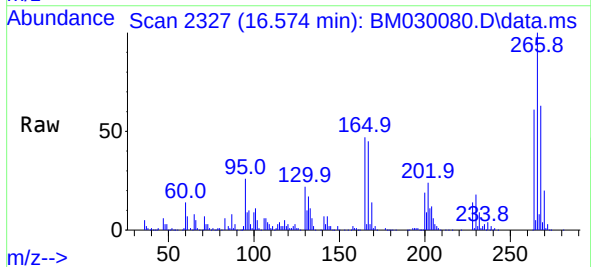
#70
Atrazine
Concen: 35.08 ng/ul
RT: 16.404 min Scan# 2298
Delta R.T. 0.000 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16



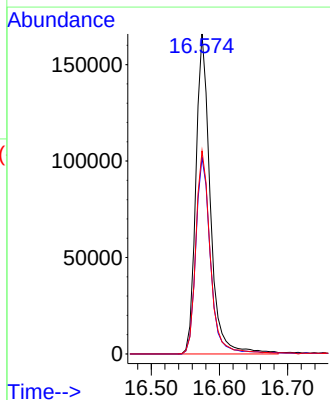
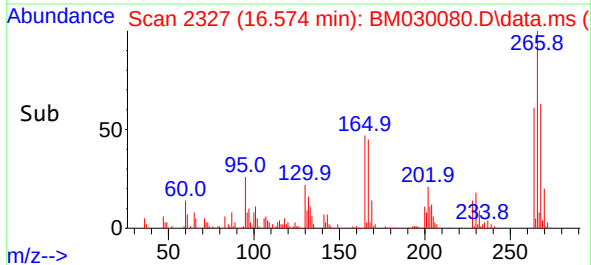
Tgt Ion:200 Resp: 384995
Ion Ratio Lower Upper
200 100
173 25.2 20.5 30.7
215 49.1 38.2 57.2



#71
Pentachlorophenol
Concen: 34.93 ng/ul
RT: 16.574 min Scan# 2327
Delta R.T. -0.006 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16



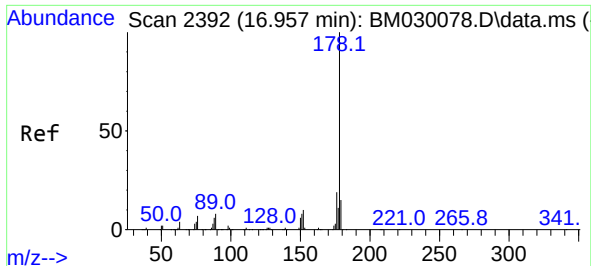
Tgt Ion:266 Resp: 242260
Ion Ratio Lower Upper
266 100
264 61.4 49.8 74.8
268 63.4 51.9 77.9



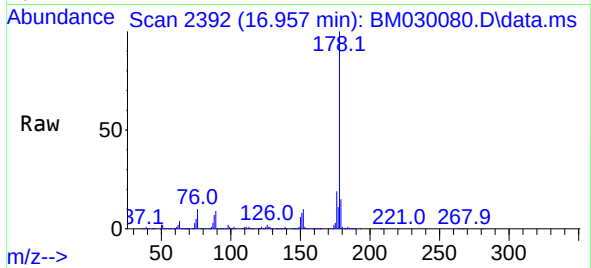
Instrument :
BNA_M
ClientSampled :
SLCS510

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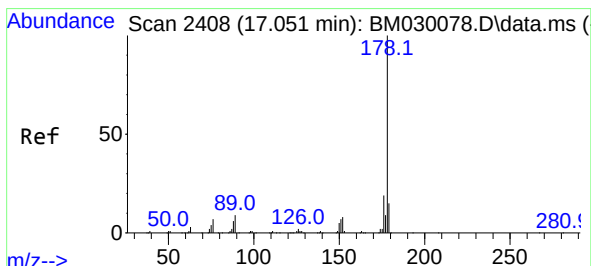
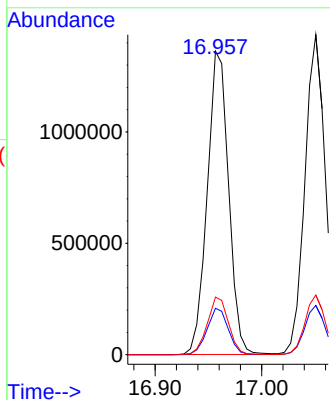
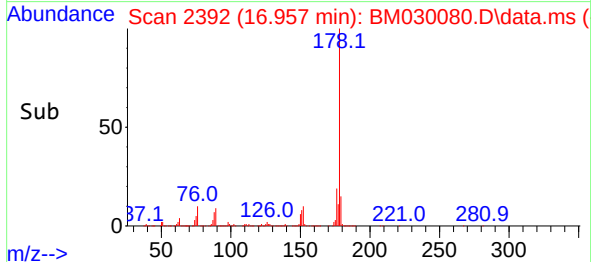
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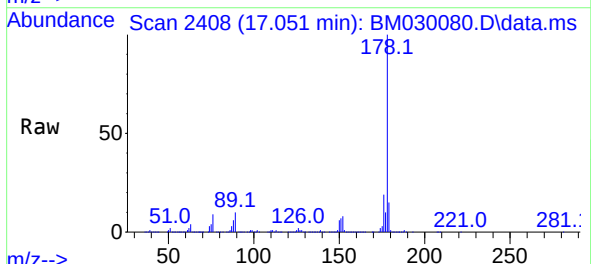
#72
Phenanthrene
Concen: 35.22 ng/u1
RT: 16.957 min Scan# 2392
Delta R.T. -0.006 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16



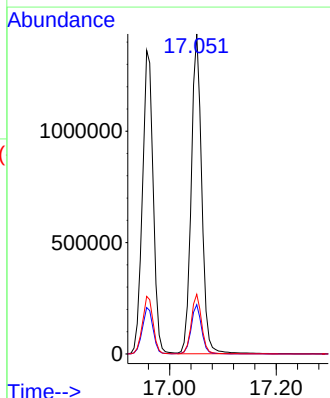
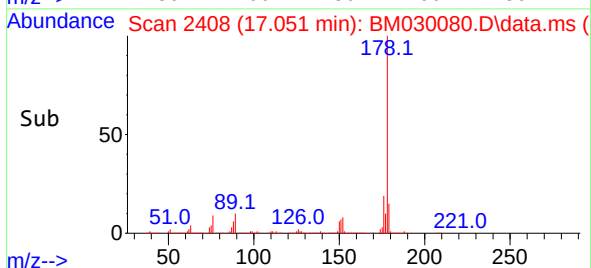
Tgt Ion:178 Resp: 1901969
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.4
176 19.0 15.0 22.4



#74
Anthracene
Concen: 35.56 ng/u1
RT: 17.051 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16



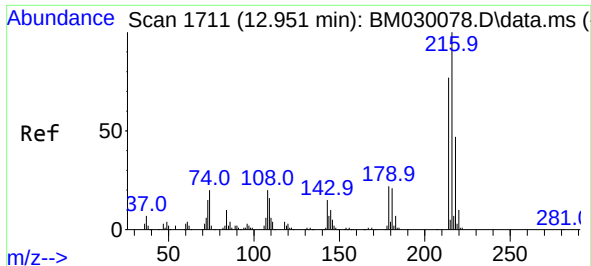
Tgt Ion:178 Resp: 1963011
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.2
176 18.7 14.9 22.3



Instrument :
BNA_M
ClientSampled :
SLCS510

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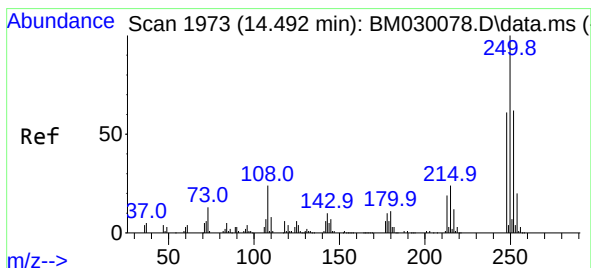
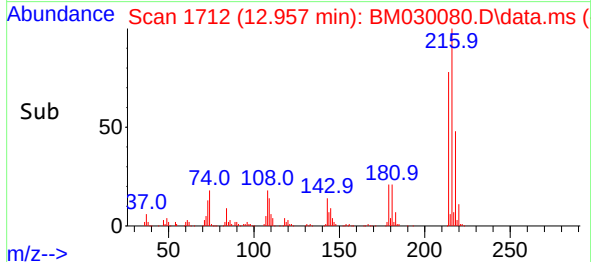
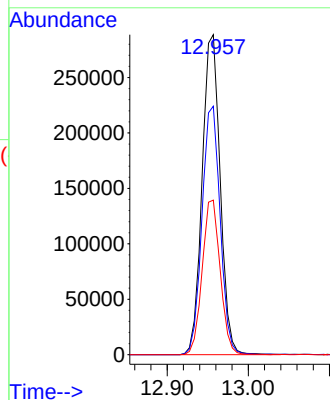
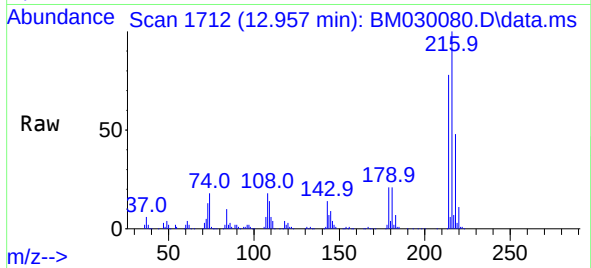
#75
1,2,3,4-Tetrachlorobenzene
Concen: 30.74 ng/uL
RT: 12.957 min Scan# 1712
Delta R.T. 0.000 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16

Tgt Ion:216 Resp: 445266
Ion Ratio Lower Upper
216 100
214 77.6 63.9 95.9
218 48.3 39.7 59.5

Instrument :
BNA_M
ClientSampled :
SLCS510

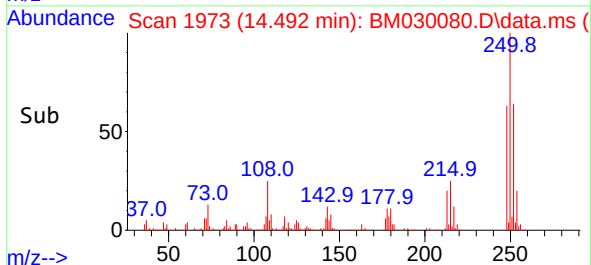
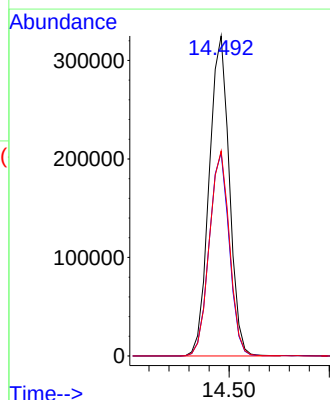
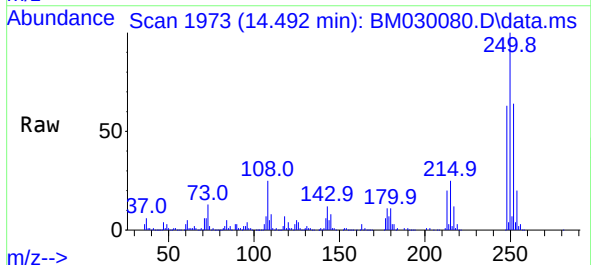
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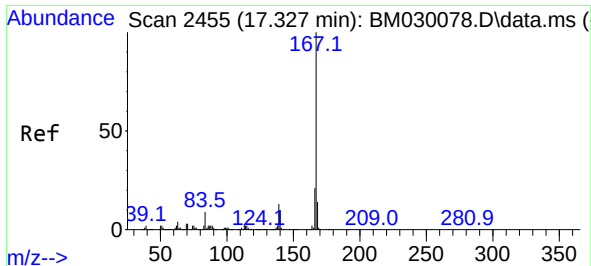
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#76
Pentachlorobenzene
Concen: 32.70 ng/uL
RT: 14.492 min Scan# 1973
Delta R.T. 0.000 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16

Tgt Ion:250 Resp: 451774
Ion Ratio Lower Upper
250 100
248 63.5 51.3 76.9
252 64.1 51.5 77.3





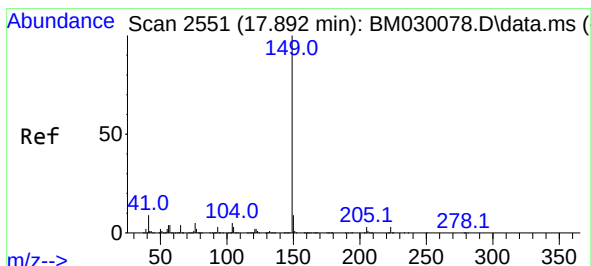
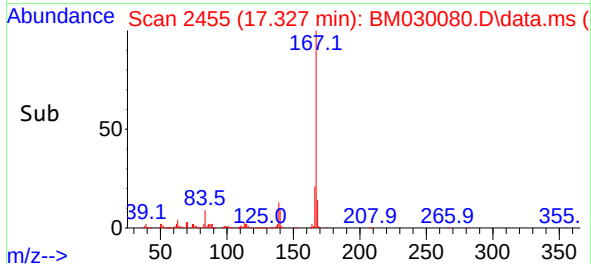
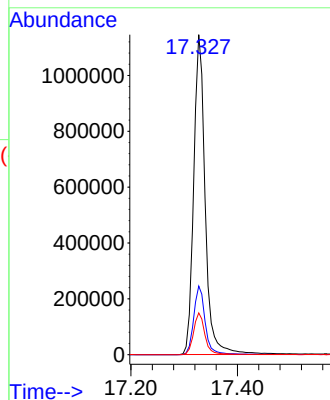
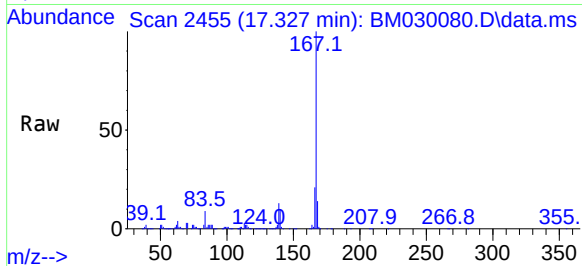
#77
 Carbazole
 Concen: 34.13 ng/ul
 RT: 17.327 min Scan# 2455
 Delta R.T. 0.000 min
 Lab File: BM030080.D
 Acq: 19 May 2021 11:16

Tgt Ion:167 Resp: 1726386
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.6 26.4
 139 13.0 10.2 15.2

Instrument :
 BNA_M
 ClientSampled :
 SLCS510

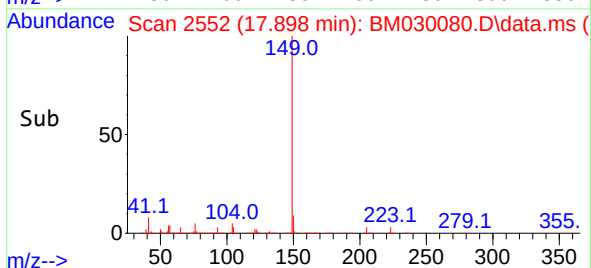
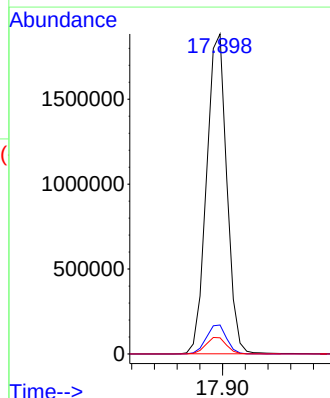
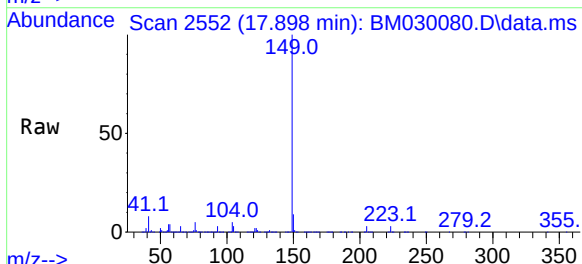
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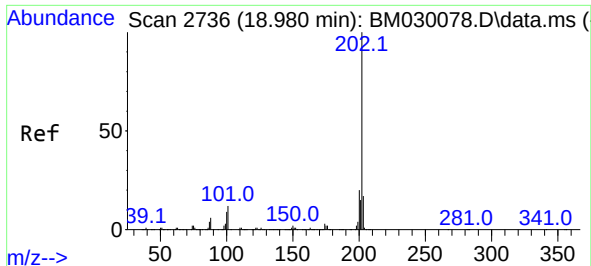
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#78
 Di-n-butylphthalate
 Concen: 38.77 ng/ul
 RT: 17.898 min Scan# 2552
 Delta R.T. 0.000 min
 Lab File: BM030080.D
 Acq: 19 May 2021 11:16

Tgt Ion:149 Resp: 2327763
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 5.0 4.2 6.2





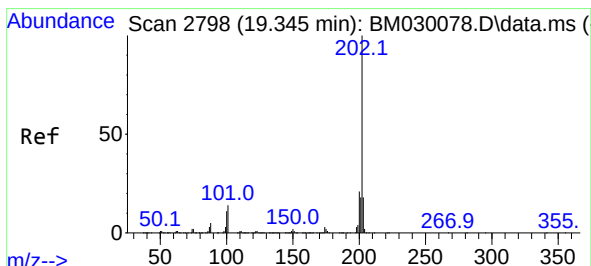
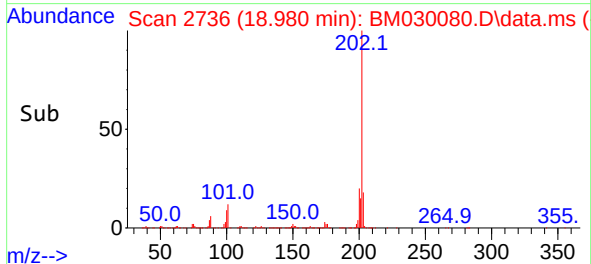
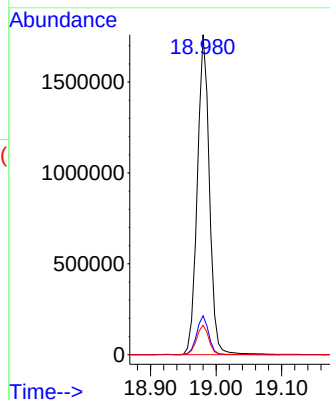
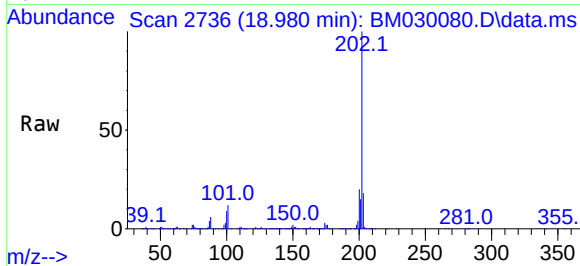
#80
Fluoranthene
Concen: 36.02 ng/u1
RT: 18.980 min Scan# 2736
Delta R.T. 0.000 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16

Tgt Ion:202 Resp: 2259913
Ion Ratio Lower Upper
202 100
101 12.2 9.0 13.4
100 9.2 7.0 10.6

Instrument :
BNA_M
ClientSampled :
SLCS510

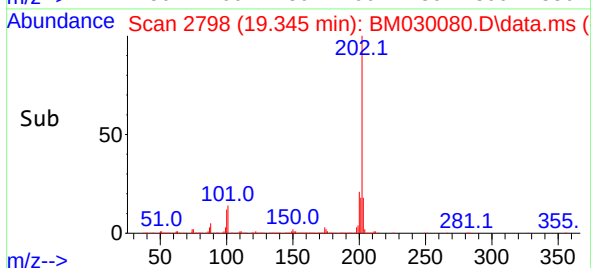
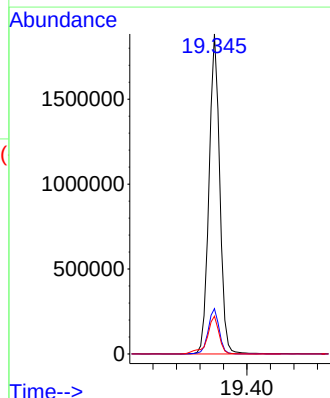
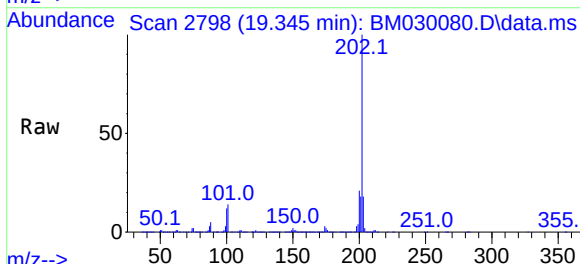
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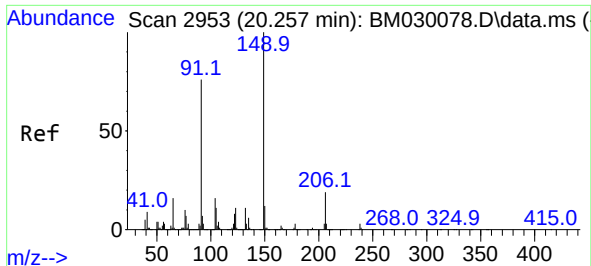
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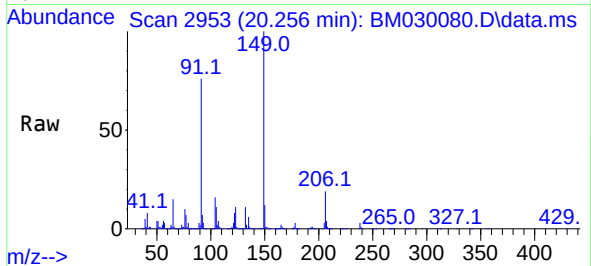
#82
Pyrene
Concen: 35.96 ng/u1
RT: 19.345 min Scan# 2798
Delta R.T. 0.000 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16

Tgt Ion:202 Resp: 2374408
Ion Ratio Lower Upper
202 100
101 14.1 11.8 17.6
100 11.8 9.2 13.8

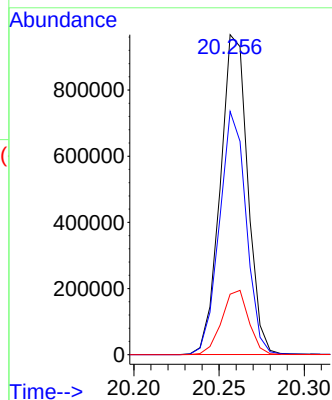




#83
Butylbenzylphthalate
Concen: 46.25 ng/ul
RT: 20.256 min Scan# 2953
Delta R.T. -0.006 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16



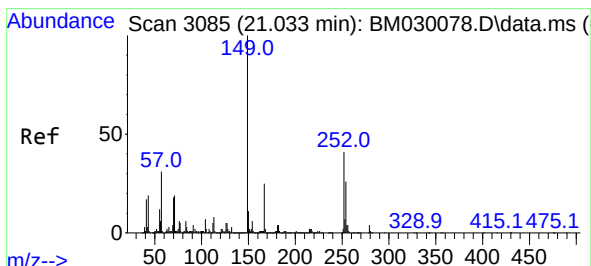
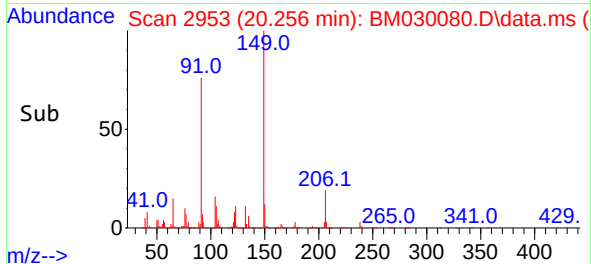
Tgt Ion:149 Resp: 1085361
Ion Ratio Lower Upper
149 100
91 76.0 60.6 91.0
206 18.9 15.4 23.0



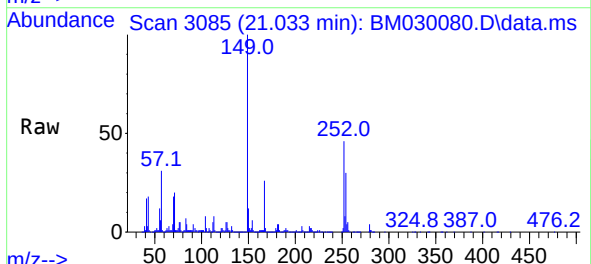
Instrument :
BNA_M
ClientSampled :
SLCS510

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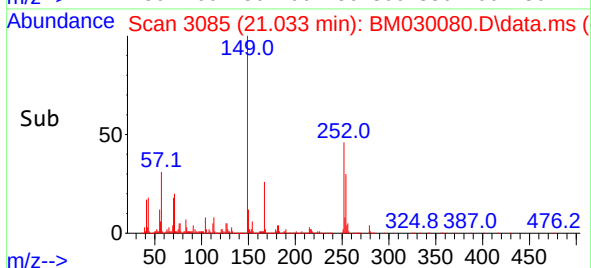
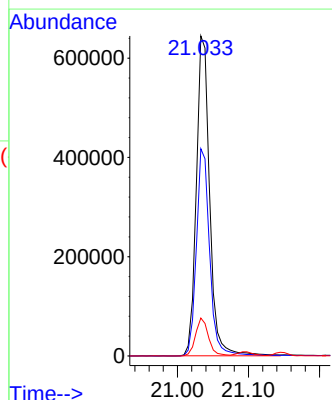
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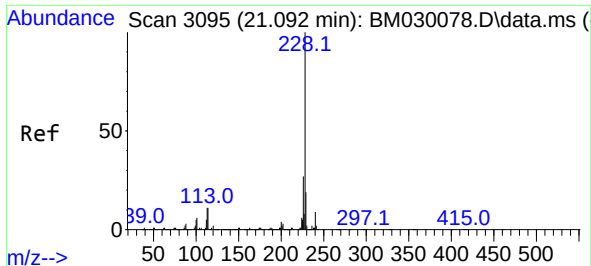


#84
3,3'-Dichlorobenzidine
Concen: 36.91 ng/ul
RT: 21.033 min Scan# 3085
Delta R.T. -0.006 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16



Tgt Ion:252 Resp: 844028
Ion Ratio Lower Upper
252 100
254 64.8 51.0 76.6
126 11.9 9.4 14.0





#85
Benzo(a)anthracene
Concen: 36.19 ng/ul
RT: 21.098 min Scan# 3096
Delta R.T. 0.000 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16

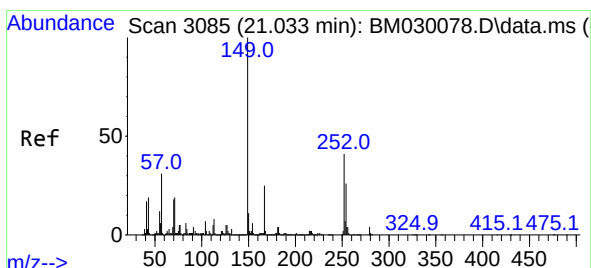
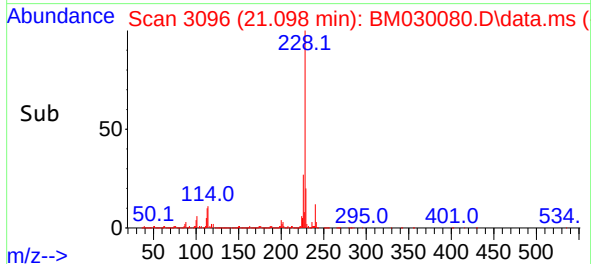
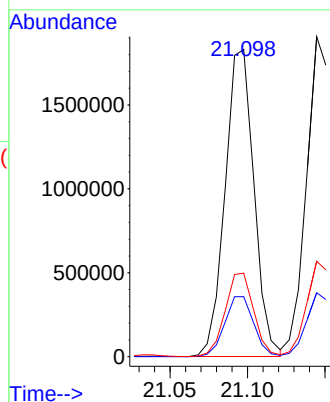
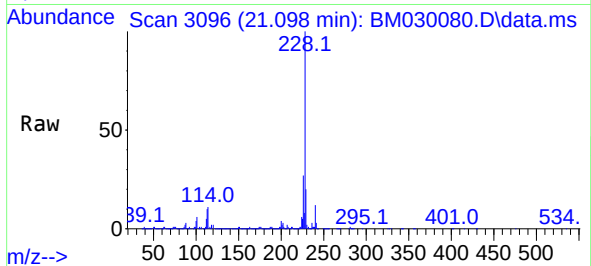
Tgt Ion:228 Resp: 2372822

Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.9	23.9
226	27.2	21.4	32.0

Instrument :
BNA_M
ClientSampled :
SLCS510

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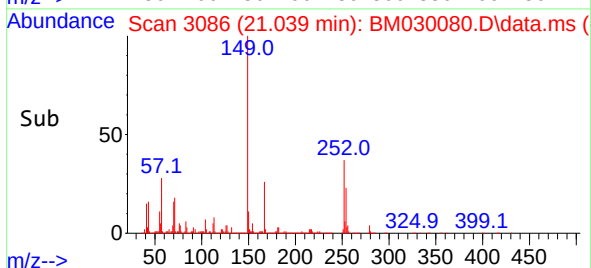
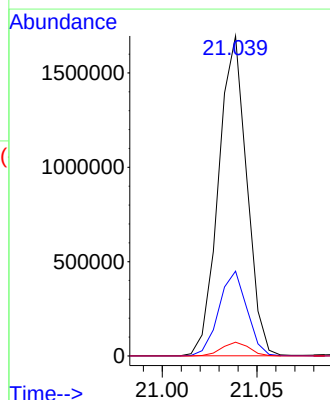
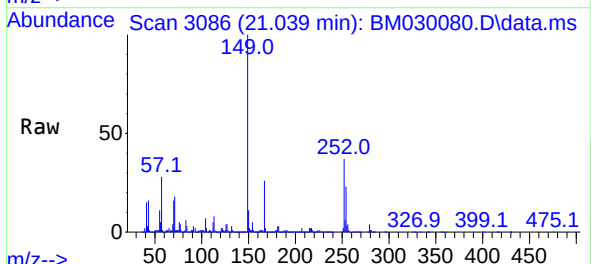
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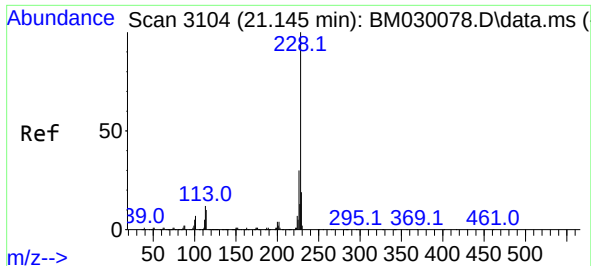


#86
Bis(2-ethylhexyl)phthalate
Concen: 43.39 ng/ul
RT: 21.039 min Scan# 3086
Delta R.T. 0.000 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16

Tgt Ion:149 Resp: 1755673

Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.1	31.7
279	4.3	3.5	5.3





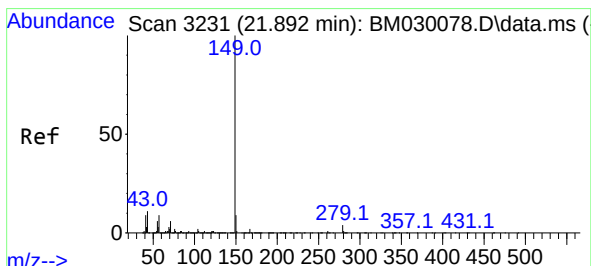
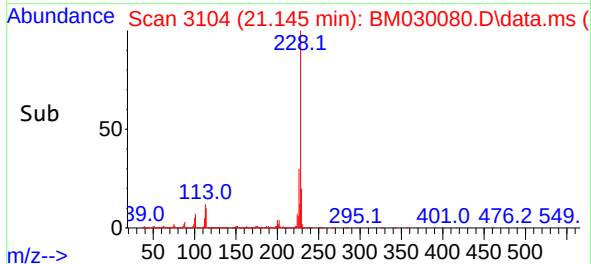
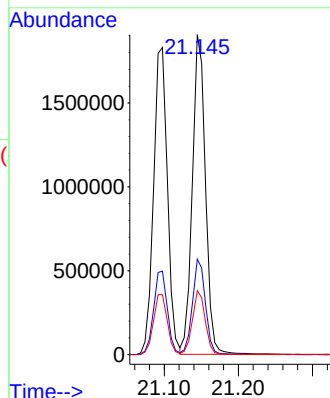
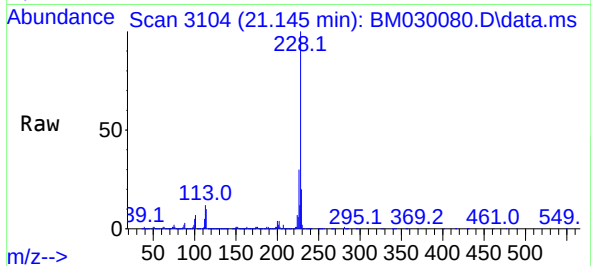
#87
Chrysene
Concen: 35.81 ng/ul
RT: 21.145 min Scan# 3104
Delta R.T. 0.000 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16

Tgt Ion:228 Resp: 2338566
Ion Ratio Lower Upper
228 100
226 29.9 23.9 35.9
229 20.0 15.6 23.4

Instrument :
BNA_M
ClientSampleId :
SLCS510

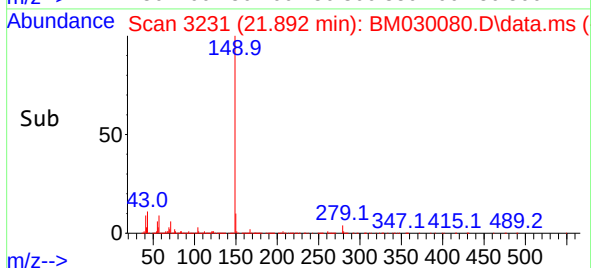
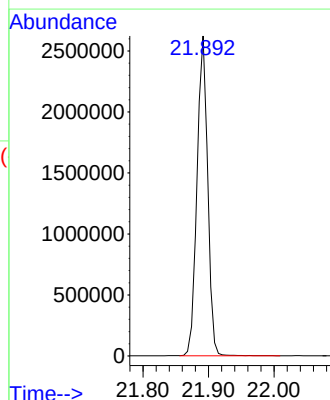
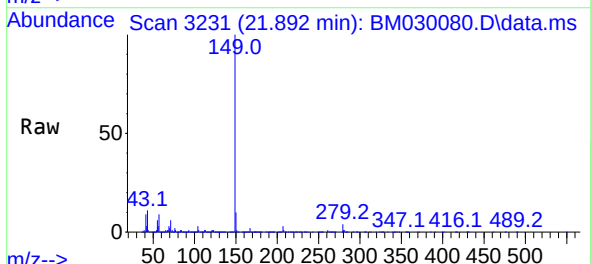
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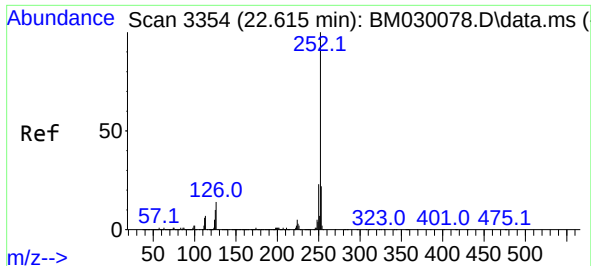
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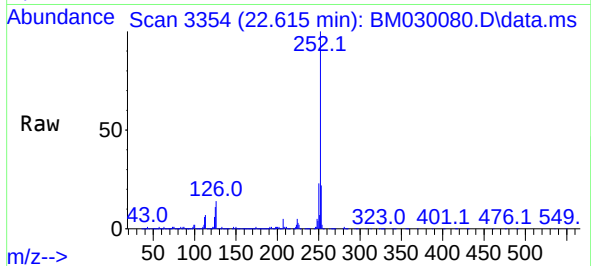
#89
Di-n-octyl phthalate
Concen: 37.95 ng/ul
RT: 21.892 min Scan# 3231
Delta R.T. 0.000 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16

Tgt Ion:149 Resp: 2969605

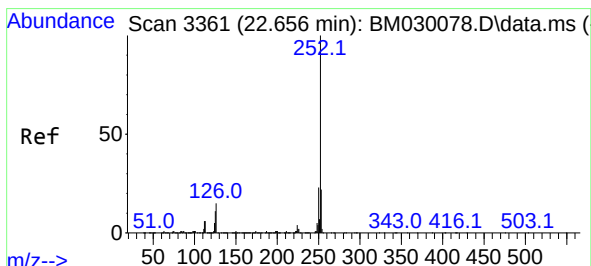
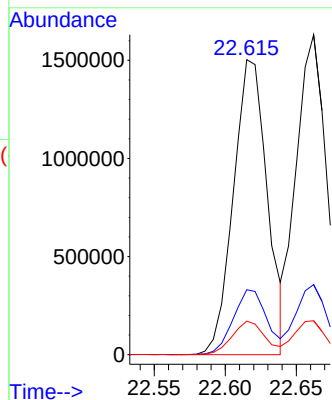
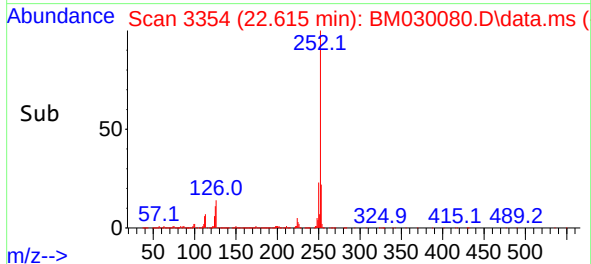




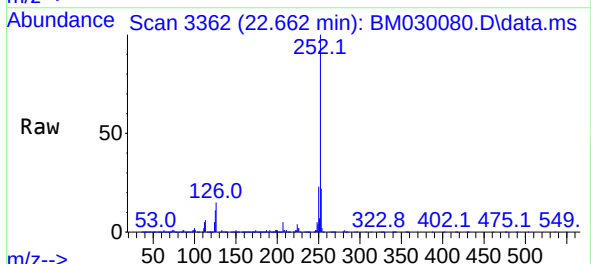
#90
Benzo(b)fluoranthene
Concen: 37.62 ng/ul
RT: 22.615 min Scan# 3354
Delta R.T. 0.000 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16



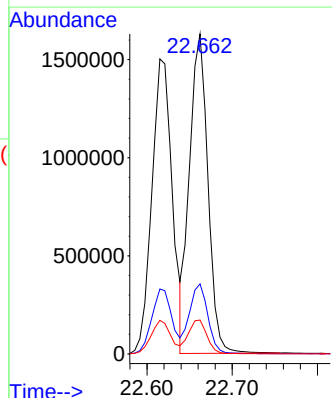
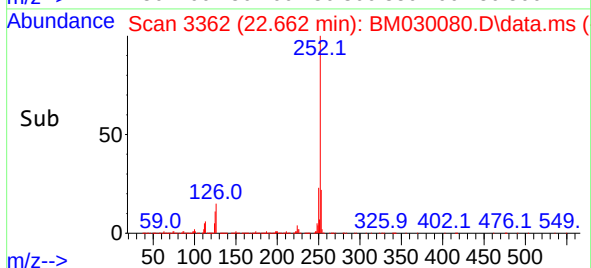
Tgt Ion:252 Resp: 2495390
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 11.4 8.6 12.8



#91
Benzo(k)fluoranthene
Concen: 35.16 ng/ul
RT: 22.662 min Scan# 3362
Delta R.T. 0.006 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16



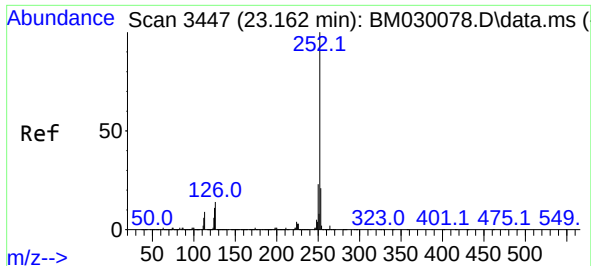
Tgt Ion:252 Resp: 2452231
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 10.6 8.4 12.6



Instrument :
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ClientSampled :
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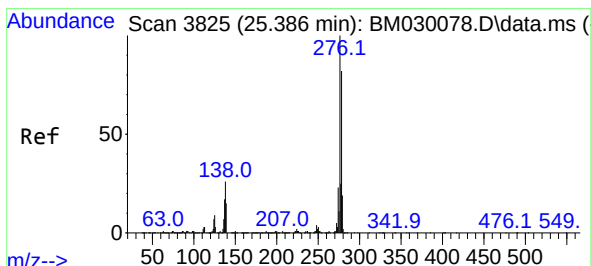
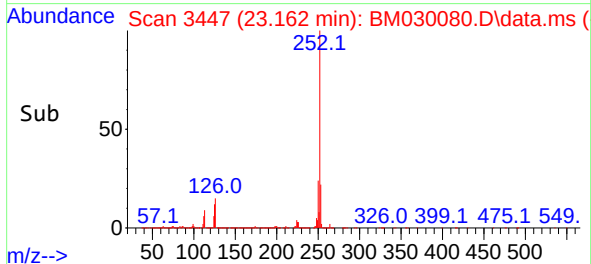
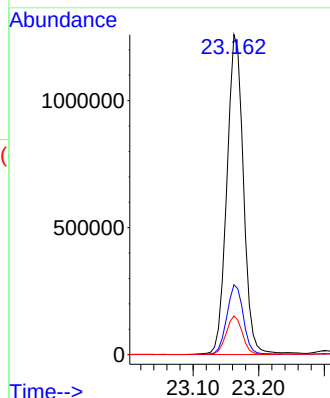
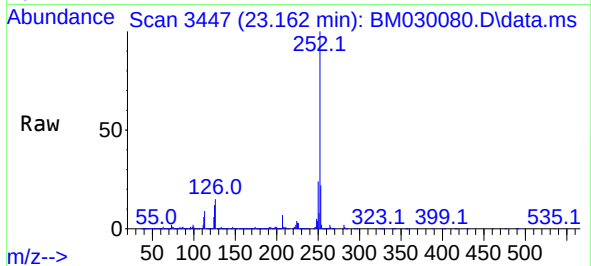
#93
Benzo(a)pyrene
Concen: 36.54 ng/ul
RT: 23.162 min Scan# 3447
Delta R.T. 0.000 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16

Tgt Ion: 252 Resp: 2201421
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 12.1 9.6 14.4

Instrument :
BNA_M
ClientSampled :
SLCS510

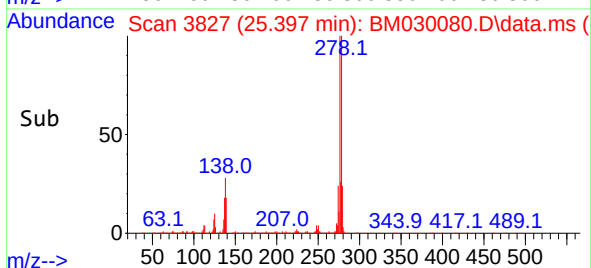
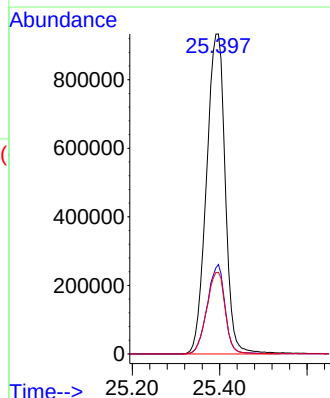
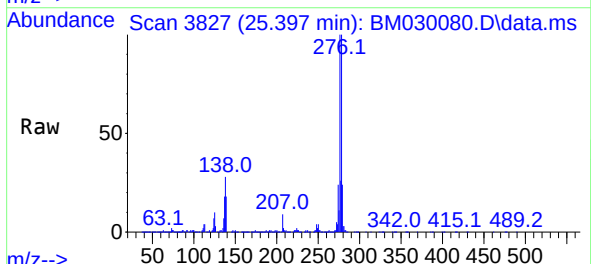
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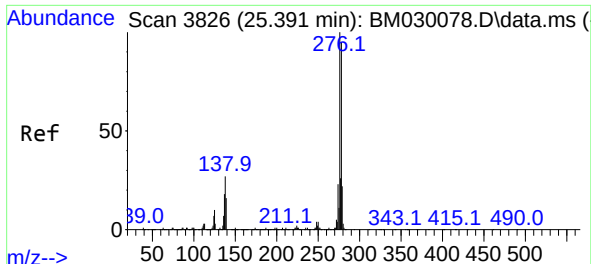
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#94
Indeno(1,2,3-cd)pyrene
Concen: 38.24 ng/ul
RT: 25.397 min Scan# 3827
Delta R.T. 0.012 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16

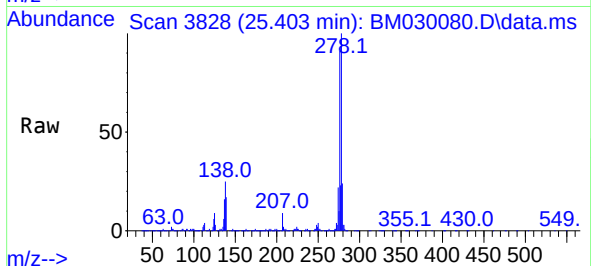
Tgt Ion: 276 Resp: 2788475
Ion Ratio Lower Upper
276 100
138 28.0 21.1 31.7
277 25.5 20.3 30.5





#95
Dibenzo(a,h)anthracene
Concen: 38.13 ng/ul
RT: 25.403 min Scan# 3828
Delta R.T. 0.012 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16

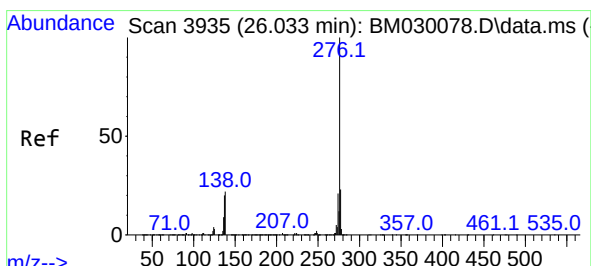
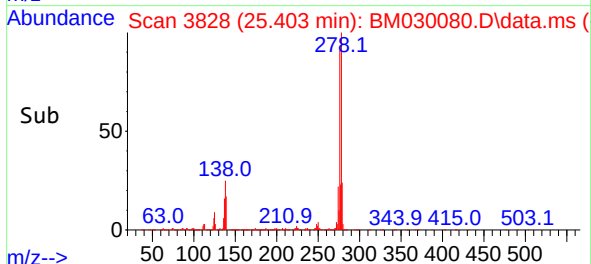
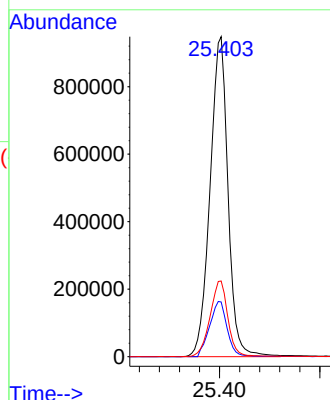
Instrument :
BNA_M
ClientSampled :
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Tgt Ion:278 Resp: 2356882
Ion Ratio Lower Upper
278 100
139 17.1 13.5 20.3
279 23.7 18.6 28.0

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#96
Benzo(g,h,i)perylene
Concen: 37.42 ng/ul
RT: 26.044 min Scan# 3937
Delta R.T. 0.006 min
Lab File: BM030080.D
Acq: 19 May 2021 11:16

Tgt Ion:276 Resp: 2210909
Ion Ratio Lower Upper
276 100
138 22.6 17.8 26.8
277 23.4 18.5 27.7

