

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
 Data File : BM032000.D
 Acq On : 01 Sep 2021 00:36
 Operator : CG/JU
 Sample : M3494-03MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 YAS54MS

Manual Integrations
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Quant Time: Sep 01 02:29:10 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 30 09:21:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.504	152	113239	20.000	ng/ul	0.00
20) Naphthalene-d8	10.339	136	455648m	20.000	ng/ul	0.07
38) Acenaphthene-d10	14.151	164	382753	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.904	188	809514	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.109	240	808595	20.000	ng/ul	0.00
88) Perylene-d12	23.244	264	658140	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	10439	4.253	ng/uL	0.00
4) Pyridine-d5	3.534	84	27105m	3.889	ng/ul	0.01
7) Phenol-d5	6.698	99	65065	6.929	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.863	67	179894	33.111	ng/ul	0.00
11) 2-Chlorophenol-d4	7.045	132	197284	27.302	ng/ul	0.00
15) 4-Methylphenol-d8	8.222	113	134434	16.687	ng/ul	0.00
21) Nitrobenzene-d5	8.669	128	168756m	50.992	ng/ul	0.00
24) 2-Nitrophenol-d4	9.381	143	162773	41.559	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	9.934	165	289721	36.869	ng/ul	0.03
31) 4-Chloroaniline-d4	10.475	131	490533m	44.253	ng/ul	0.05
46) Dimethylphthalate-d6	13.580	166	1091840	37.699	ng/ul	0.00
49) Acenaphthylene-d8	13.839	160	1325114	38.634	ng/ul	0.00
54) 4-Nitrophenol-d4	14.392	143	43067	8.215	ng/ul	0.00
60) Fluorene-d10	15.151	176	967604	38.006	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.298	200	204307	36.730	ng/ul	0.00
73) Anthracene-d10	17.004	188	1586768	41.297	ng/ul	0.00
81) Pyrene-d10	19.309	212	1789363	47.245	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.115	264	1430739	41.364	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.157	88	11142	3.766	ng/uL	91
5) Pyridine	3.552	79	42326	5.907	ng/ul#	85
6) Benzaldehyde	6.675	77	274377m	64.544	ng/ul	
8) Phenol	6.728	94	72854	7.710	ng/ul	91
10) Bis(2-Chloroethyl)ether	6.957	93	251643	34.966	ng/ul	93
12) 2-Chlorophenol	7.075	128	211582	29.323	ng/ul	96
13) 2-Methylphenol	7.957	108	150437	20.649	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.040	45	316581	33.849	ng/ul#	87
16) Acetophenone	8.339	105	443649	35.160	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.334	70	227674	36.985	ng/ul	94
18) 4-Methylphenol	8.287	108	146184	18.069	ng/ul	95
19) Hexachloroethane	8.551	117	116958	37.838	ng/ul	96
22) Nitrobenzene	8.710	77	392730m	47.005	ng/ul	
23) Isophorone	9.275	82	640170	41.630	ng/ul#	96
25) 2-Nitrophenol	9.422	139	175581m	43.034	ng/ul	
26) 2,4-Dimethylphenol	9.486	107	288761	34.768	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.781	93	387384	42.497	ng/ul	99
29) 2,4-Dichlorophenol	9.975	162	293489	39.265	ng/ul	95
30) Naphthalene	10.345	128	81635135m	3578.859	ng/ul	
33) Hexachlorobutadiene	10.610	225	203869	41.114	ng/ul	98
34) Caprolactam	11.328	113	14058	5.642	ng/ul#	77
35) 4-Chloro-3-methylphenol	11.586	107	279802	35.696	ng/ul	96
36) 2-Methylnaphthalene	11.975	142	17362802	965.398	ng/ul	97
37) 1-Methylnaphthalene	12.192	142	9721859	530.708	ng/ul	98

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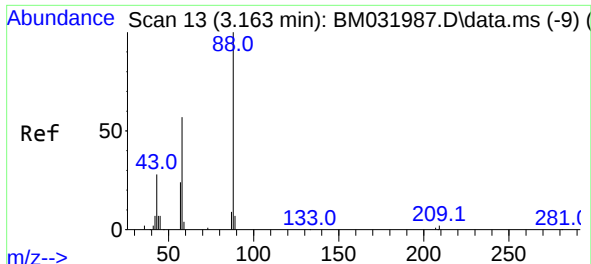
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.316	216	456447	41.544	ng/ul	98
40) Hexachlorocyclopentadiene	12.286	237	159563	26.982	ng/ul	99
41) 2,4,6-Trichlorophenol	12.563	196	305671	41.529	ng/ul	96
42) 2,4,5-Trichlorophenol	12.633	196	327293	40.947	ng/ul	100
43) 1,1'-Biphenyl	12.974	154	3329314	123.660	ng/ul	98
44) 2-Chloronaphthalene	13.010	162	866951	40.645	ng/ul	99
45) 2-Nitroaniline	13.245	65	238474	40.581	ng/ul	91
47) Dimethylphthalate	13.627	163	1133953	39.874	ng/ul	100
48) 2,6-Dinitrotoluene	13.757	165	247660	44.144	ng/ul	93
50) Acenaphthylene	13.869	152	1311264	41.548	ng/ul	97
51) 3-Nitroaniline	14.086	138	211649	40.312	ng/ul	90
52) Acenaphthene	14.227	153	7935344	346.198	ng/ul	97
53) 2,4-Dinitrophenol	14.304	184	145491	37.090	ng/ul#	9
55) 4-Nitrophenol	14.404	109	40646	8.398	ng/ul	87
56) Dibenzofuran	14.563	168	5459252	161.500	ng/ul	97
57) 2,4-Dinitrotoluene	14.551	165	376201	44.708	ng/ul#	43
58) 2,3,4,6-Tetrachlorophenol	14.786	232	302787	42.197	ng/ul#	98
59) Diethylphthalate	14.998	149	1201120	41.325	ng/ul	99
61) Fluorene	15.216	166	4091954	143.064	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.210	204	604715	41.282	ng/ul	99
63) 4-Nitroaniline	15.257	138	223198m	47.459	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.316	198	214207	39.605	ng/ul	99
67) N-Nitrosodiphenylamine	15.427	169	1031355	44.364	ng/ul	99
68) 4-Bromophenyl-phenylether	16.104	248	371012	44.724	ng/ul	98
69) Hexachlorobenzene	16.204	284	430418	44.688	ng/ul	99
70) Atrazine	16.404	200	386147	44.086	ng/ul	98
71) Pentachlorophenol	16.563	266	272240	43.224	ng/ul	98
72) Phenanthrene	16.951	178	4134503	93.513	ng/ul	99
74) Anthracene	17.039	178	2141803	47.333	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.927	216	464806	44.123	ng/uL	99
76) Pentachlorobenzene	14.474	250	477059	43.167	ng/uL	99
77) Carbazole	17.339	167	9479780	228.907	ng/ul	96
78) Di-n-butylphthalate	17.892	149	2183682	46.016	ng/ul	100
80) Fluoranthene	18.974	202	2255898	49.018	ng/ul#	94
82) Pyrene	19.339	202	2325776	47.733	ng/ul	94
83) Butylbenzylphthalate	20.262	149	1010600	52.822	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.039	252	656078	36.041	ng/ul	98
85) Benzo(a)anthracene	21.098	228	2194468	43.630	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.045	149	1597816	51.784	ng/ul#	96
87) Chrysene	21.150	228	2096160	43.328	ng/ul	100
89) Di-n-octyl phthalate	21.897	149	2634608	58.677	ng/ul	100
90) Benzo(b)fluoranthene	22.615	252	2003359	47.777	ng/ul	99
91) Benzo(k)fluoranthene	22.662	252	1908331m	47.010	ng/ul	
93) Benzo(a)pyrene	23.156	252	1651651	43.619	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.362	276	1851480	38.205	ng/ul	95
95) Dibenzo(a,h)anthracene	25.368	278	1579236	38.747	ng/ul	97
96) Benzo(g,h,i)perylene	26.003	276	1481912	36.928	ng/ul	95

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



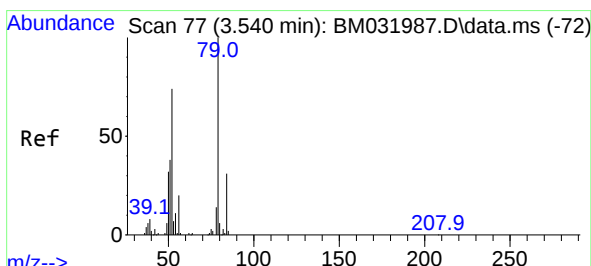
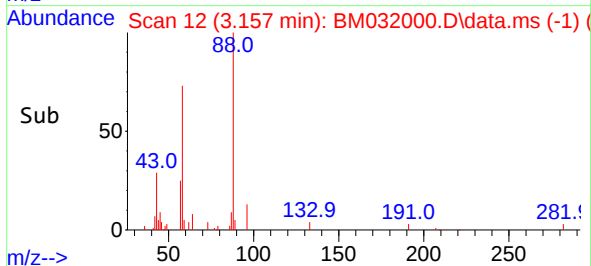
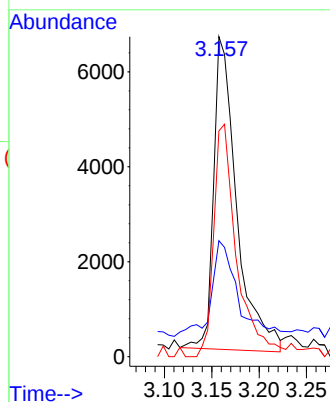
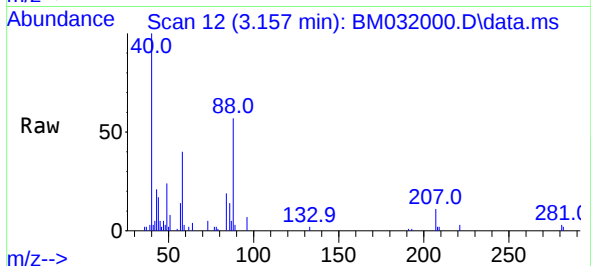
#2
1,4-Dioxane
Concen: 3.766 ng/uL
RT: 3.157 min Scan# 12
Delta R.T. -0.006 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36

Tgt Ion: 88 Resp: 11142
Ion Ratio Lower Upper
88 100
43 36.2 31.5 47.3
58 70.6 64.1 96.1

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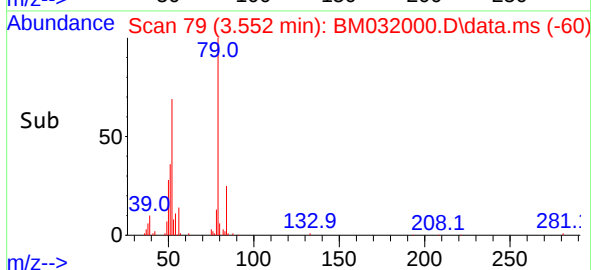
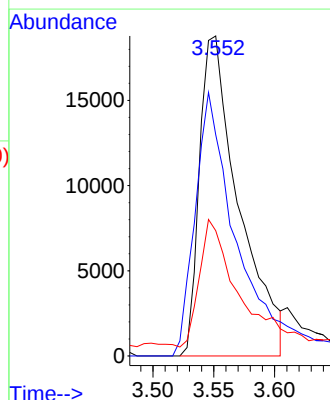
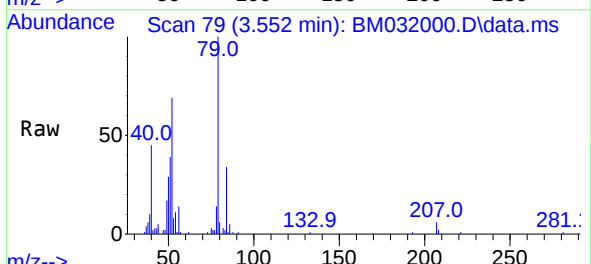
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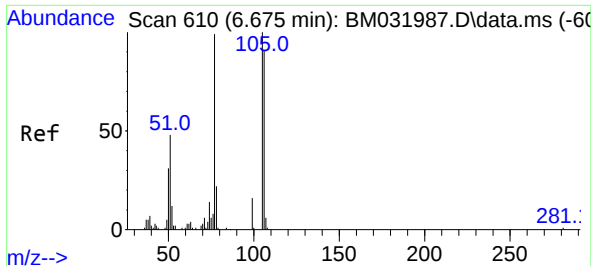
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#5
Pyridine
Concen: 5.907 ng/uL
RT: 3.552 min Scan# 79
Delta R.T. 0.012 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36

Tgt Ion: 79 Resp: 42326
Ion Ratio Lower Upper
79 100
52 69.1 69.9 104.9#
51 39.1 33.8 50.6





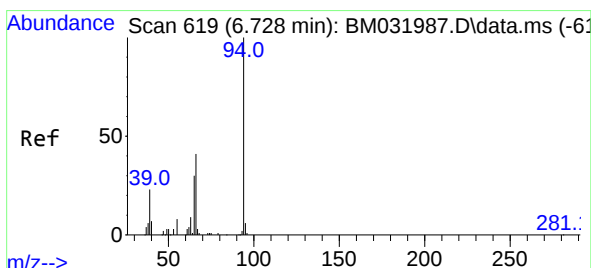
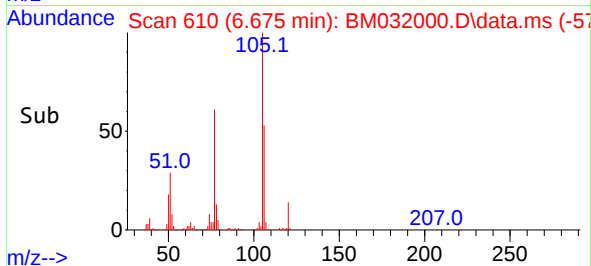
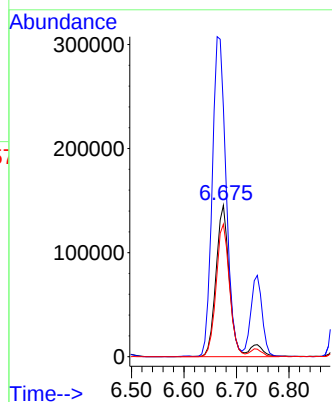
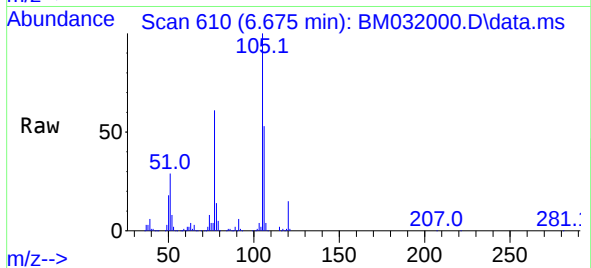
#6
Benzaldehyde
Concen: 64.544 ng/ul m
RT: 6.675 min Scan# 610
Delta R.T. -0.006 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36

Tgt Ion: 77 Resp: 274377
Ion Ratio Lower Upper
77 100
105 164.7 82.2 123.4#
106 87.6 75.0 112.4

Instrument :
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ClientSampleId :
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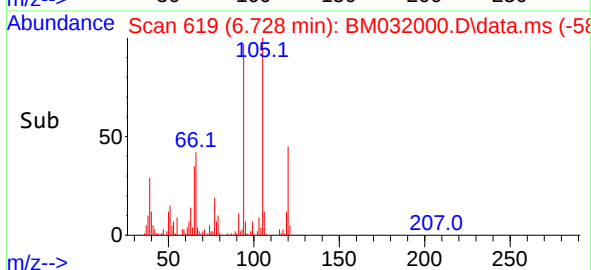
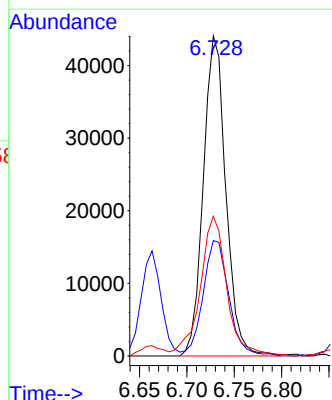
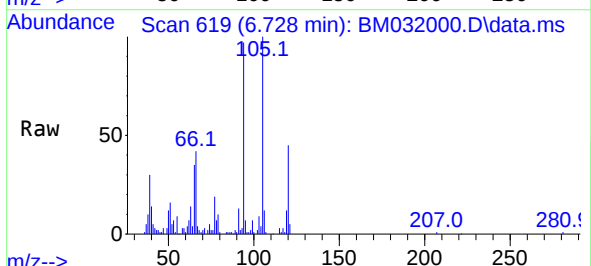
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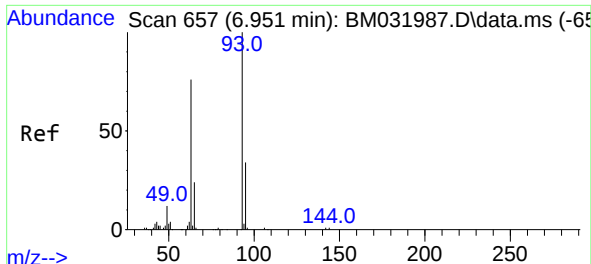
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#8
Phenol
Concen: 7.710 ng/ul
RT: 6.728 min Scan# 619
Delta R.T. -0.000 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36

Tgt Ion: 94 Resp: 72854
Ion Ratio Lower Upper
94 100
65 36.1 24.2 36.4
66 43.6 31.4 47.0





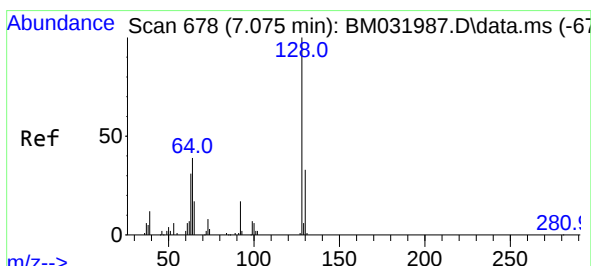
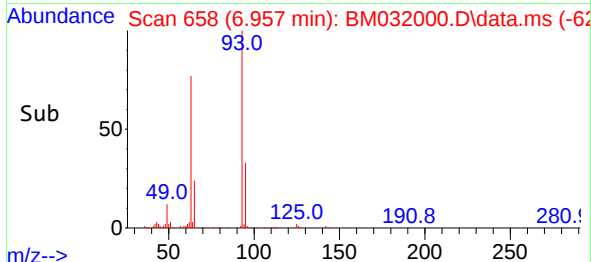
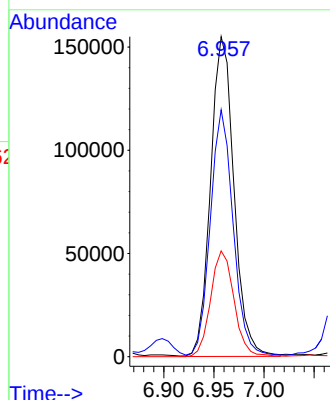
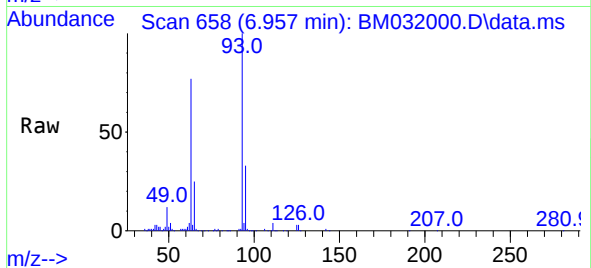
#10
Bis(2-Chloroethyl)ether
Concen: 34.966 ng/ul
RT: 6.957 min Scan# 658
Delta R.T. -0.000 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36

Tgt Ion: 93 Resp: 251643
Ion Ratio Lower Upper
93 100
63 77.1 68.0 102.0
95 33.0 25.8 38.6

Instrument :
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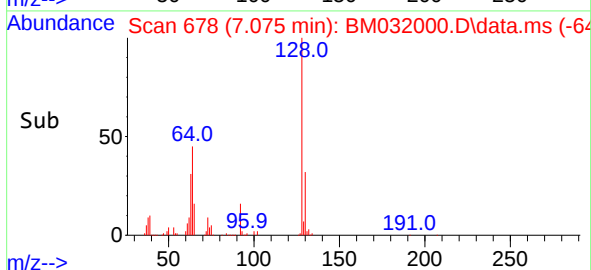
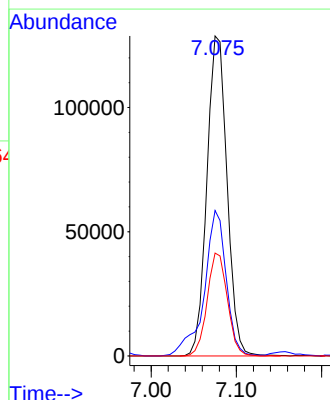
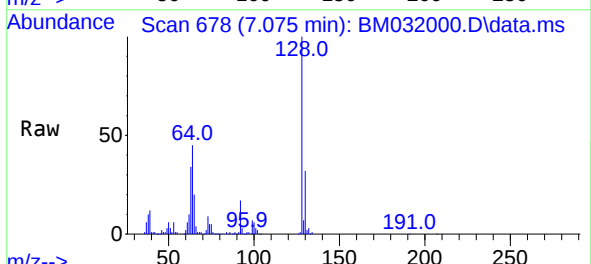
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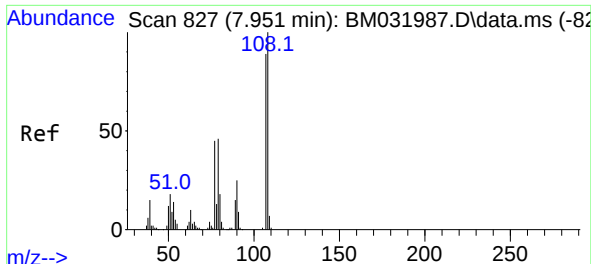
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#12
2-Chlorophenol
Concen: 29.323 ng/ul
RT: 7.075 min Scan# 678
Delta R.T. -0.006 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36

Tgt Ion: 128 Resp: 211582
Ion Ratio Lower Upper
128 100
64 45.5 39.2 58.8
130 32.2 25.3 37.9





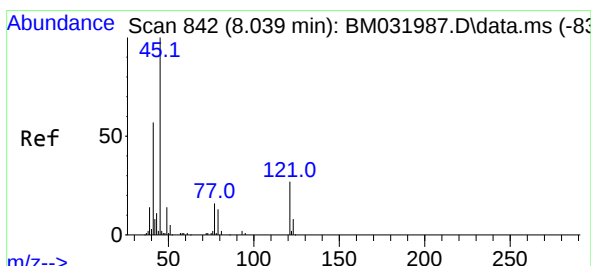
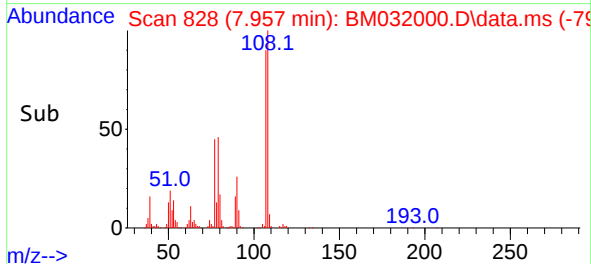
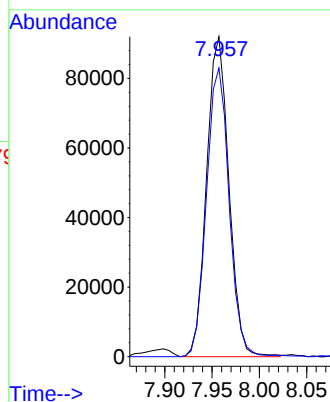
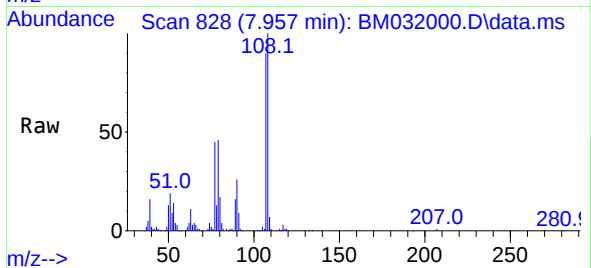
#13
2-Methylphenol
Concen: 20.649 ng/ul
RT: 7.957 min Scan# 828
Delta R.T. -0.000 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36

Tgt Ion: 108 Resp: 150437
Ion Ratio Lower Upper
108 100
107 90.2 70.6 105.8

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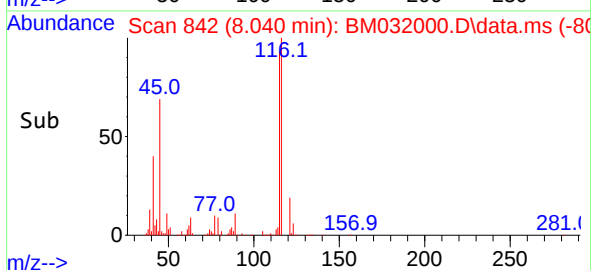
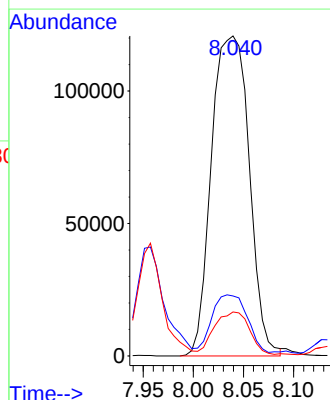
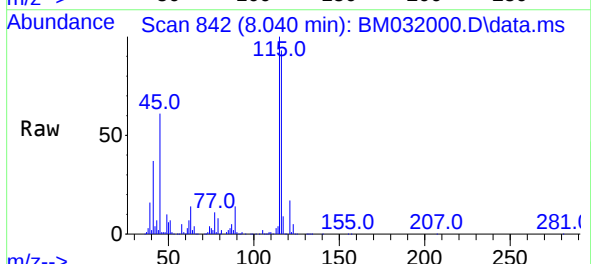
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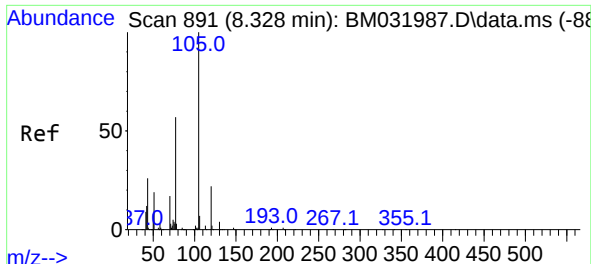
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#14
2,2'-oxybis(1-Chloropropane)
Concen: 33.849 ng/ul
RT: 8.040 min Scan# 842
Delta R.T. -0.000 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36

Tgt Ion: 45 Resp: 316581
Ion Ratio Lower Upper
45 100
77 18.7 10.2 15.4#
79 13.8 7.8 11.8#





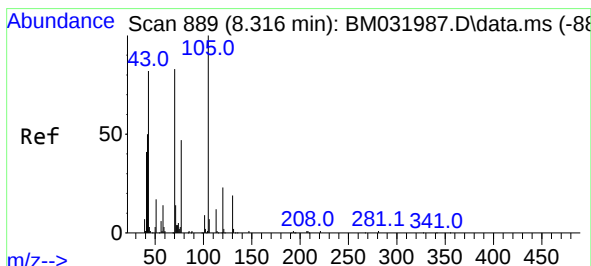
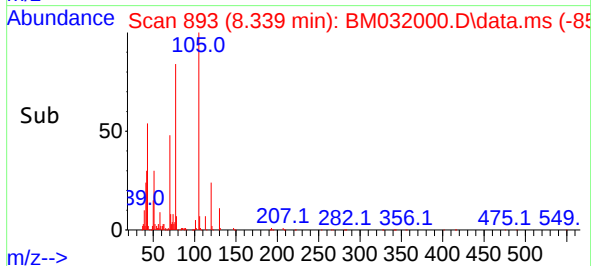
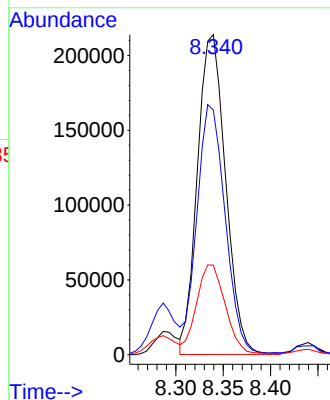
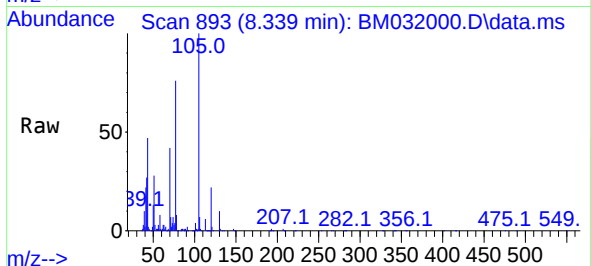
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Acetophenone
Concen: 35.160 ng/ul
RT: 8.339 min Scan# 893
Delta R.T. 0.006 min
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Instrument :
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Tgt Ion:105 Resp: 443649
Ion Ratio Lower Upper
105 100
77 76.4 63.7 95.5
51 28.0 25.4 38.0

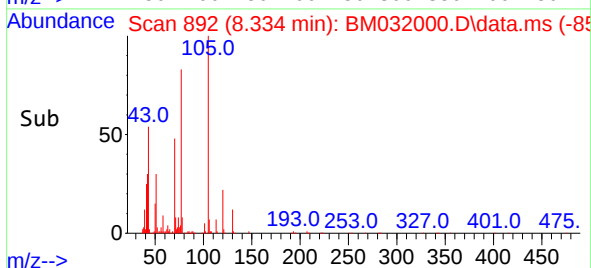
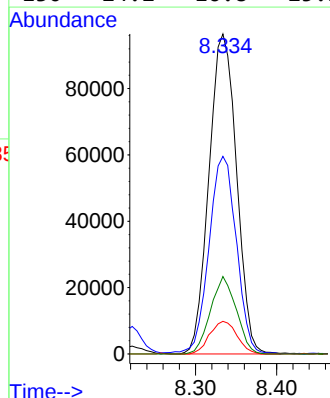
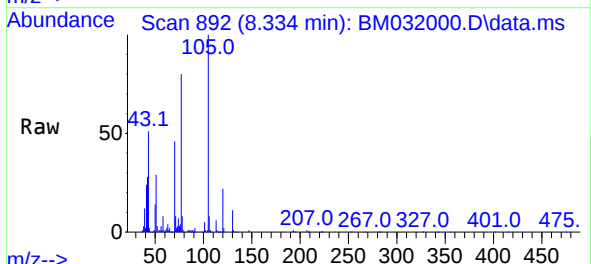
Manual Integrations
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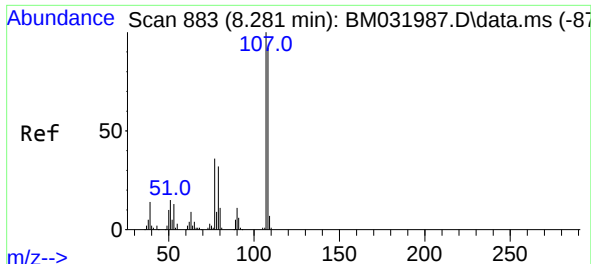
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#17
N-Nitroso-di-n-propylamine
Concen: 36.985 ng/ul
RT: 8.334 min Scan# 892
Delta R.T. 0.018 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36

Tgt Ion: 70 Resp: 227674
Ion Ratio Lower Upper
70 100
42 61.8 53.4 80.0
101 10.2 7.4 11.0
130 24.2 16.8 25.2





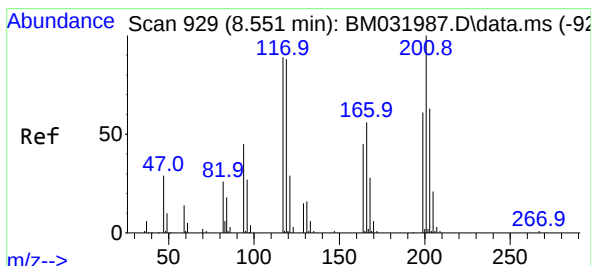
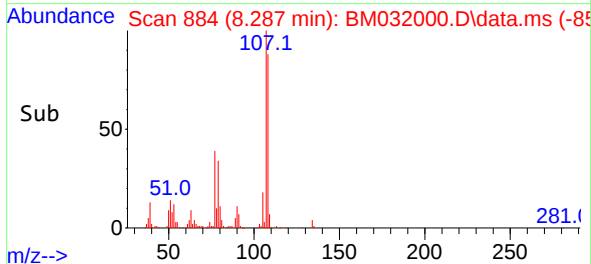
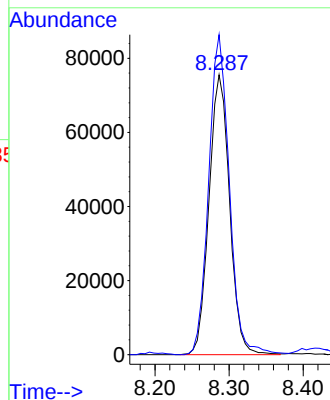
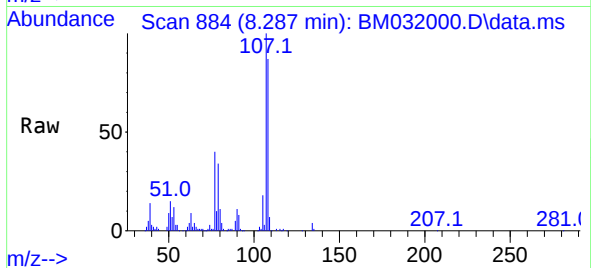
#18
4-Methylphenol
Concen: 18.069 ng/ul
RT: 8.287 min Scan# 884
Delta R.T. 0.000 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36

Tgt Ion:108 Resp: 146184
Ion Ratio Lower Upper
108 100
107 114.3 87.0 130.6

Instrument :
BNA_M
ClientSampleId :
YAS54MS

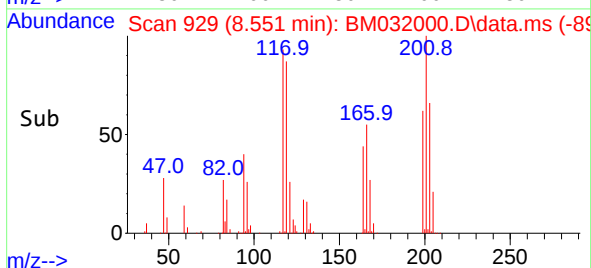
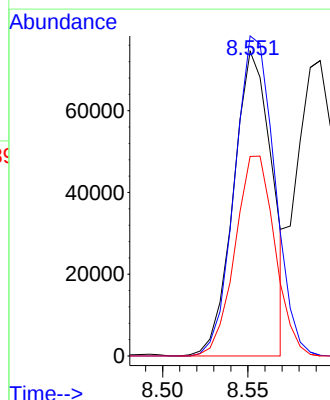
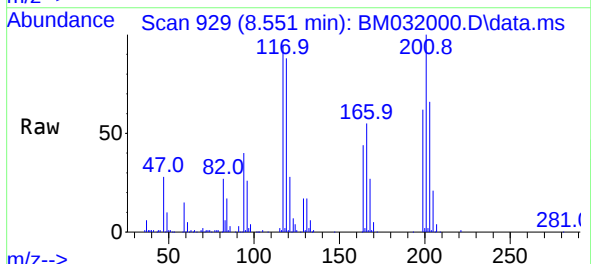
Manual Integrations
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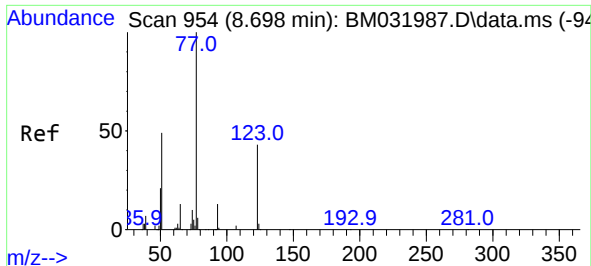
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#19
Hexachloroethane
Concen: 37.838 ng/ul
RT: 8.551 min Scan# 929
Delta R.T. -0.006 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36

Tgt Ion:117 Resp: 116958
Ion Ratio Lower Upper
117 100
201 105.0 80.1 120.1
199 65.5 50.8 76.2





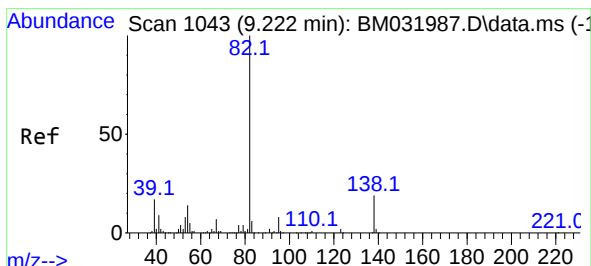
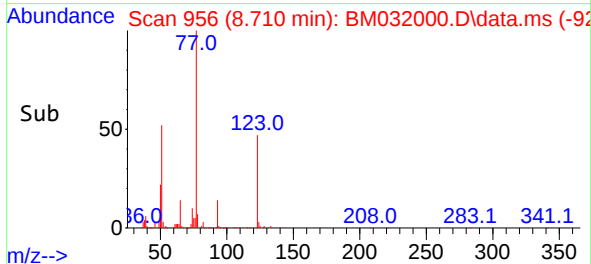
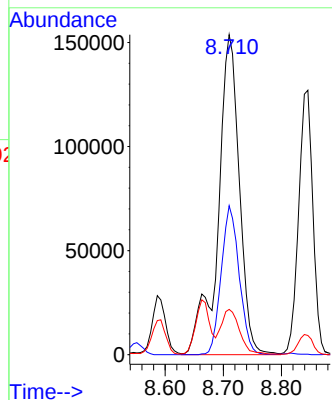
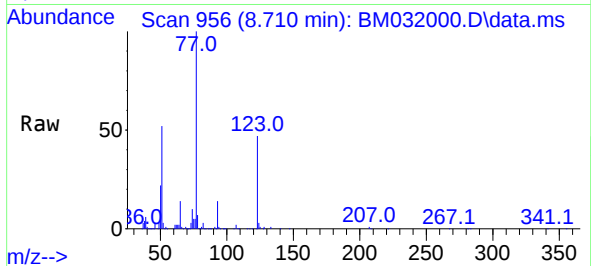
#22
Nitrobenzene
Concen: 47.005 ng/ul m
RT: 8.710 min Scan# 956
Delta R.T. 0.006 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36

Tgt Ion: 77 Resp: 392730
Ion Ratio Lower Upper
77 100
123 46.5 34.8 52.2
65 14.1 10.4 15.6

Instrument :
BNA_M
ClientSampled :
YAS54MS

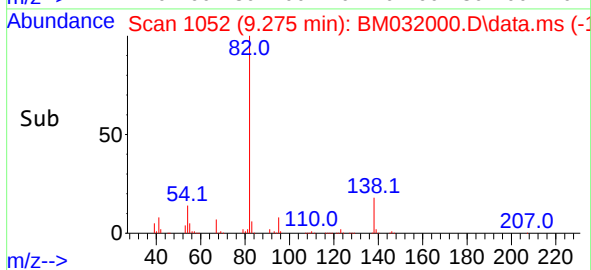
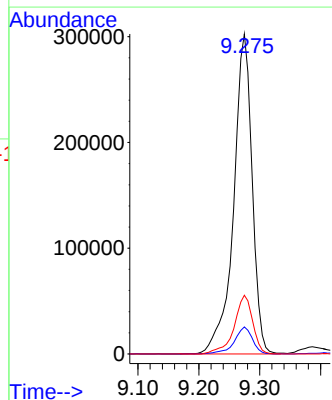
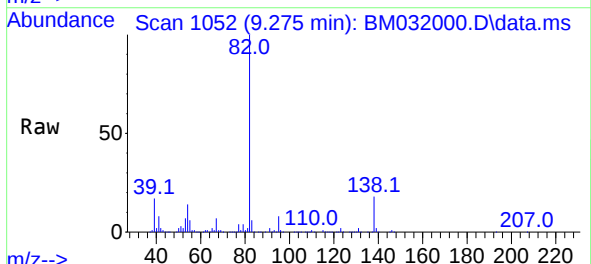
Manual Integrations
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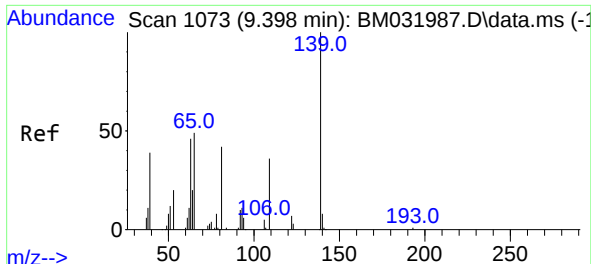
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#23
Isophorone
Concen: 41.630 ng/ul
RT: 9.275 min Scan# 1052
Delta R.T. 0.047 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36

Tgt Ion: 82 Resp: 640170
Ion Ratio Lower Upper
82 100
95 8.5 5.3 7.9#
138 18.4 13.6 20.4





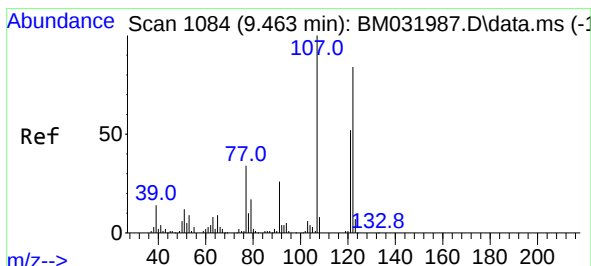
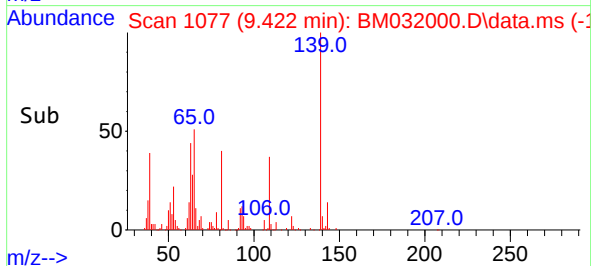
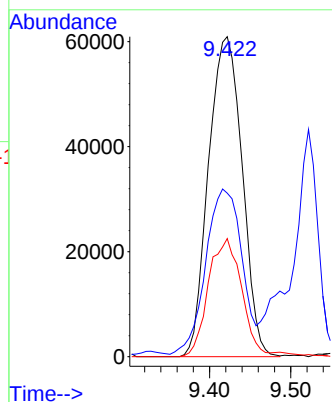
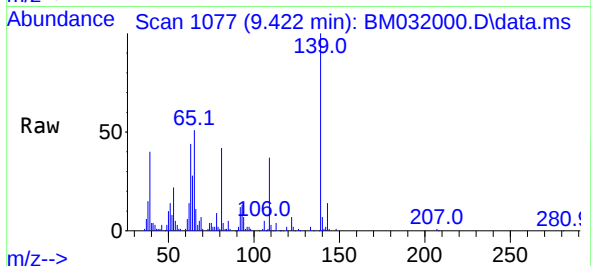
#25
2-Nitrophenol
Concen: 43.034 ng/ul m
RT: 9.422 min Scan# 1077
Delta R.T. 0.018 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36

Tgt Ion:139 Resp: 175581
Ion Ratio Lower Upper
139 100
65 51.1 43.7 65.5
109 36.9 24.0 36.0#

Instrument :
BNA_M
ClientSampled :
YAS54MS

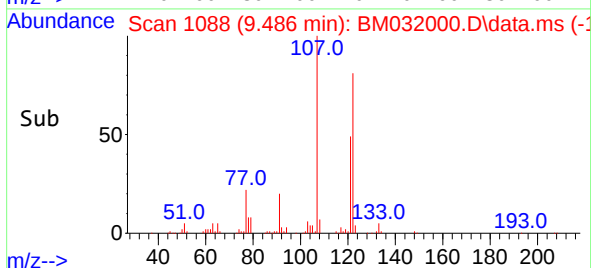
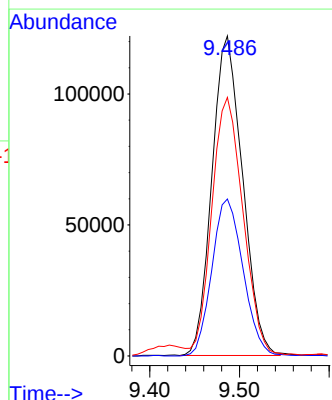
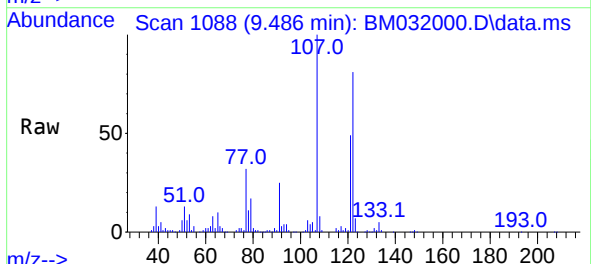
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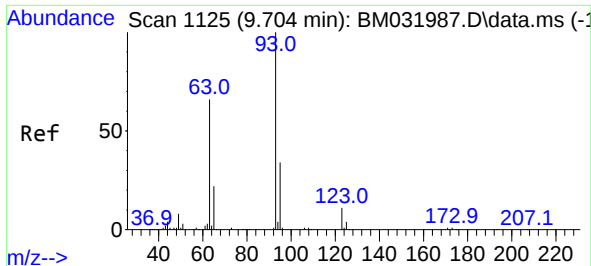
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#26
2,4-Dimethylphenol
Concen: 34.768 ng/ul
RT: 9.486 min Scan# 1088
Delta R.T. 0.018 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36

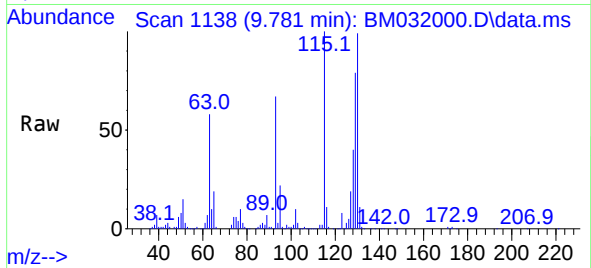
Tgt Ion:107 Resp: 288761
Ion Ratio Lower Upper
107 100
121 49.0 41.0 61.6
122 80.8 68.2 102.2





#27
 Bis(2-Chloroethoxy)methane
 Concen: 42.497 ng/ul
 RT: 9.781 min Scan# 1138
 Delta R.T. 0.071 min
 Lab File: BM032000.D
 Acq: 01 Sep 2021 00:36

Instrument :
 BNA_M
 ClientSampled :
 YAS54MS

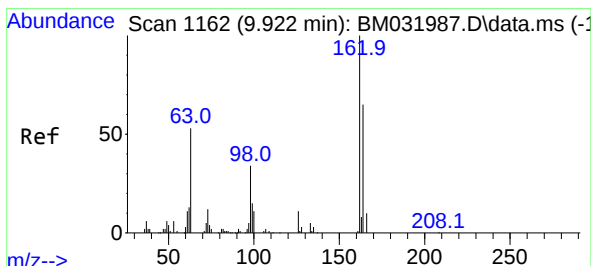
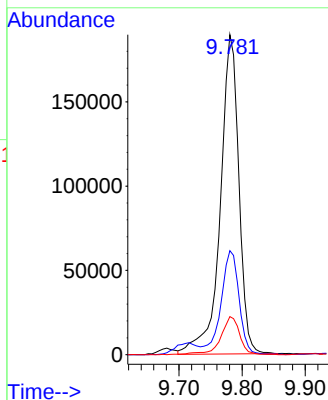
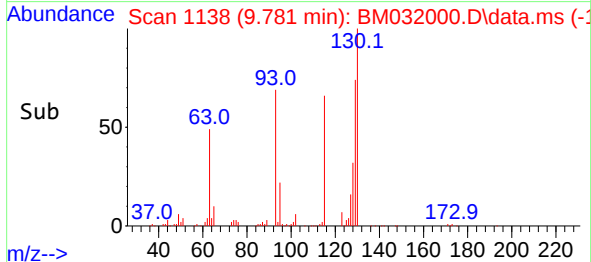


Tgt Ion: 93 Resp: 387384

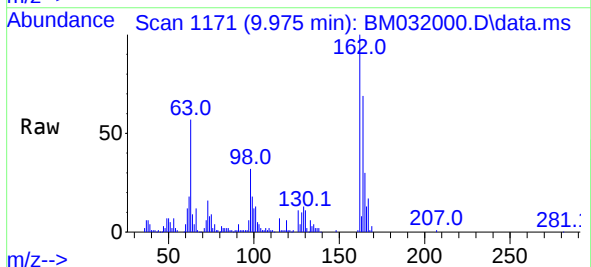
Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.9	38.9
123	11.9	8.5	12.7

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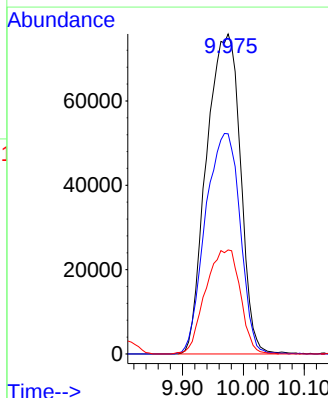
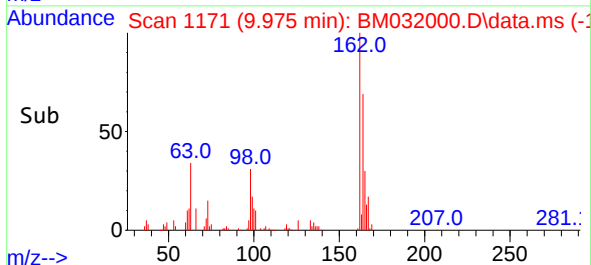


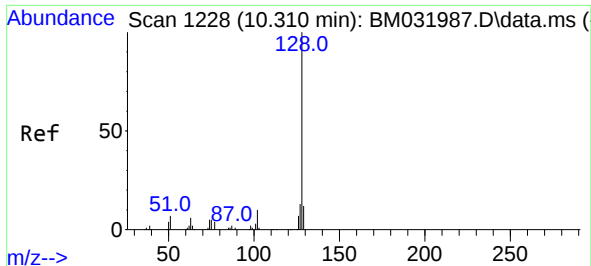
#29
 2,4-Dichlorophenol
 Concen: 39.265 ng/ul
 RT: 9.975 min Scan# 1171
 Delta R.T. 0.047 min
 Lab File: BM032000.D
 Acq: 01 Sep 2021 00:36



Tgt Ion: 162 Resp: 293489

Ion	Ratio	Lower	Upper
162	100		
164	68.8	51.6	77.4
98	32.5	28.2	42.4





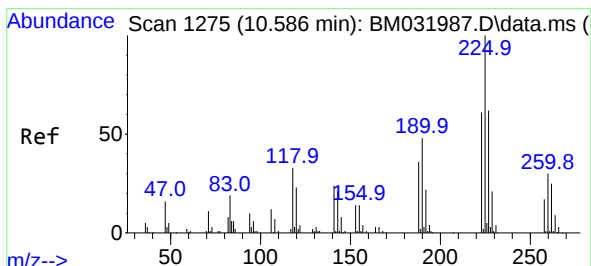
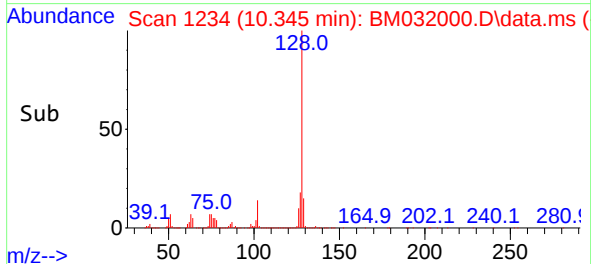
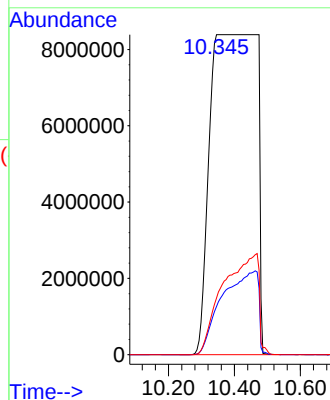
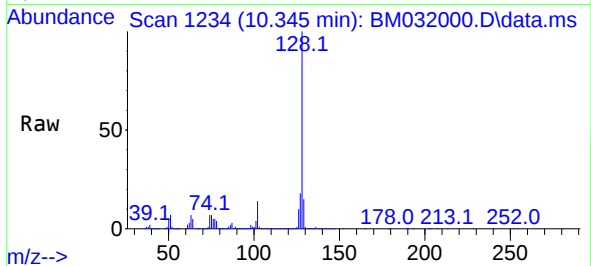
#30
Naphthalene
Concen: 3578.859 ng/ul m
RT: 10.345 min Scan# 1234
Delta R.T. 0.029 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36

Tgt Ion:128 Resp:81635135
Ion Ratio Lower Upper
128 100
129 15.1 9.0 13.4#
127 17.7 10.6 15.8#

Instrument :
BNA_M
ClientSampled :
YAS54MS

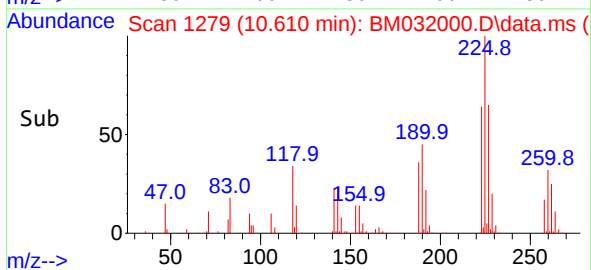
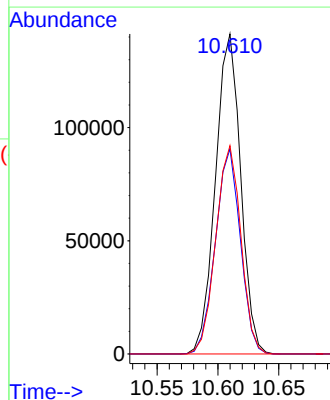
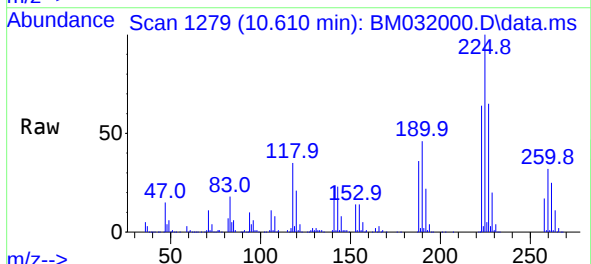
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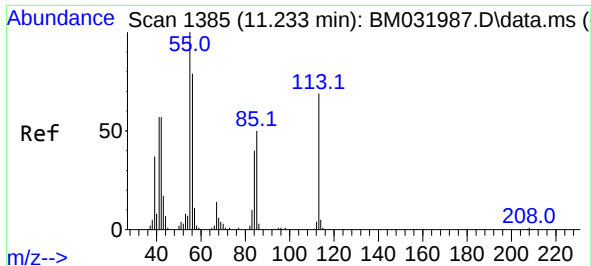
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#33
Hexachlorobutadiene
Concen: 41.114 ng/ul
RT: 10.610 min Scan# 1279
Delta R.T. 0.018 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36

Tgt Ion:225 Resp: 203869
Ion Ratio Lower Upper
225 100
223 64.1 50.7 76.1
227 65.1 50.7 76.1





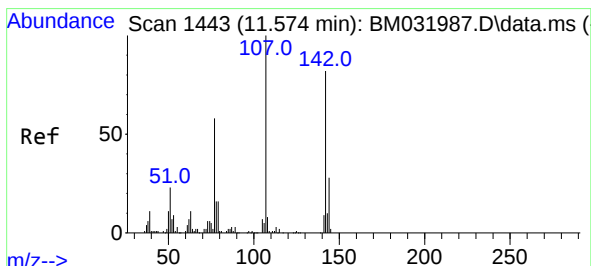
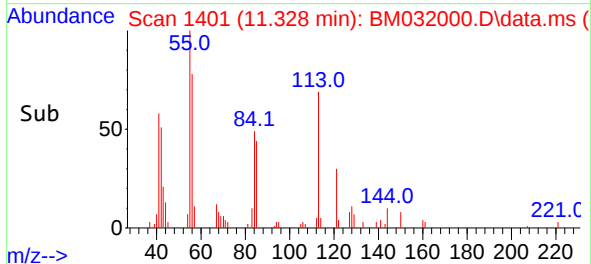
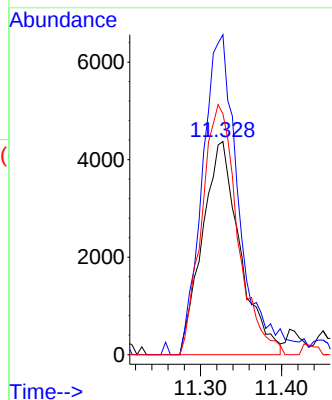
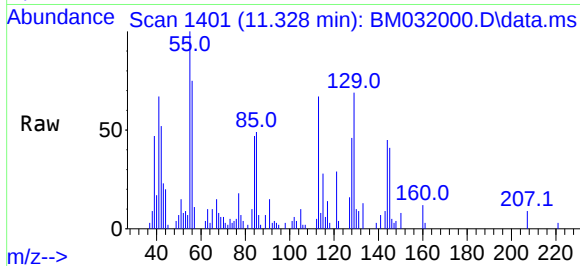
#34
Caprolactam
Concen: 5.642 ng/ul
RT: 11.328 min Scan# 1401
Delta R.T. 0.088 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36

Tgt Ion:113 Resp: 14058
Ion Ratio Lower Upper
113 100
55 150.1 155.2 232.8#
56 112.9 101.9 152.9

Instrument :
BNA_M
ClientSampleId :
YAS54MS

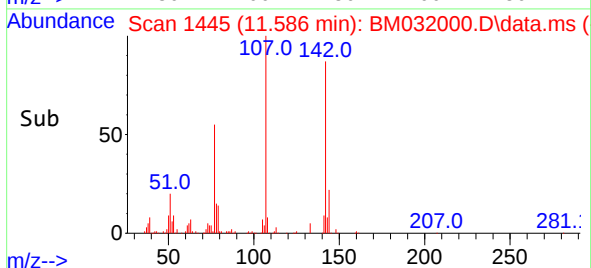
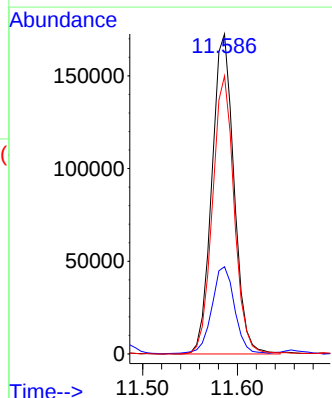
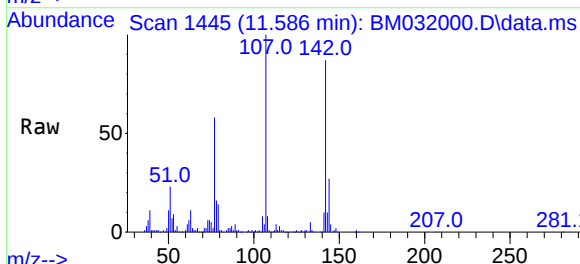
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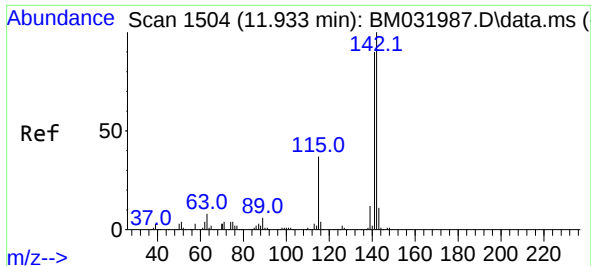
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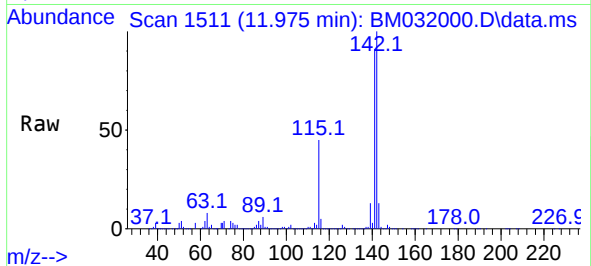
#35
4-Chloro-3-methylphenol
Concen: 35.696 ng/ul
RT: 11.586 min Scan# 1445
Delta R.T. 0.012 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36

Tgt Ion:107 Resp: 279802
Ion Ratio Lower Upper
107 100
144 27.3 22.3 33.5
142 86.9 65.6 98.4

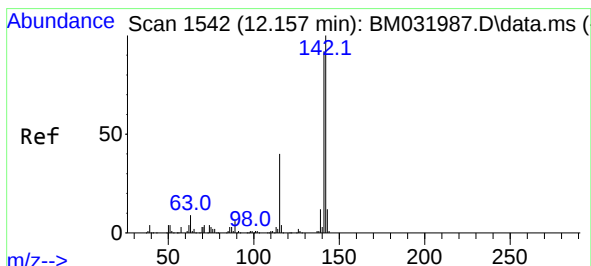
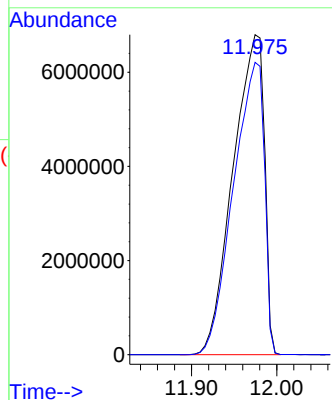
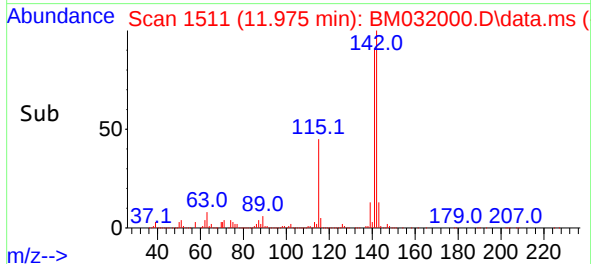




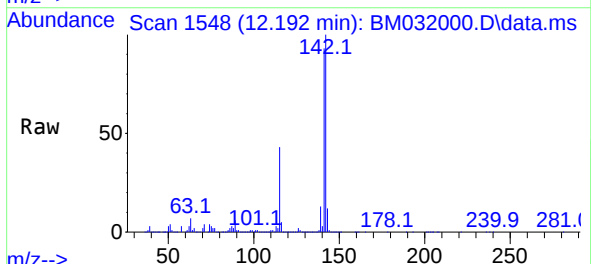
#36
2-Methylnaphthalene
Concen: 965.398 ng/ul
RT: 11.975 min Scan# 1511
Delta R.T. 0.035 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36



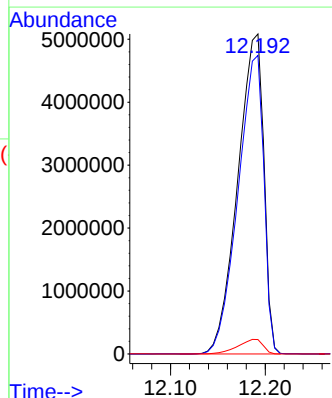
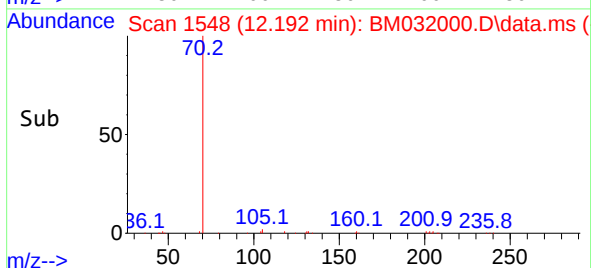
Tgt Ion:142 Resp:17362802
Ion Ratio Lower Upper
142 100
141 91.3 70.6 105.8



#37
1-Methylnaphthalene
Concen: 530.708 ng/ul
RT: 12.192 min Scan# 1548
Delta R.T. 0.029 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36



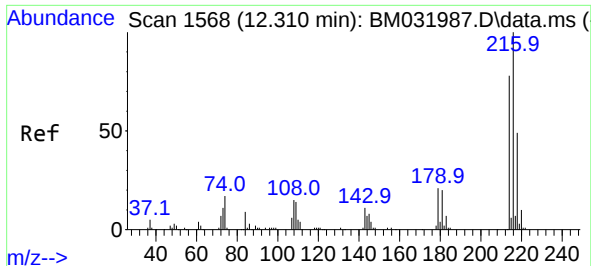
Tgt Ion:142 Resp: 9721859
Ion Ratio Lower Upper
142 100
141 93.3 72.8 109.2
116 4.5 3.1 4.7



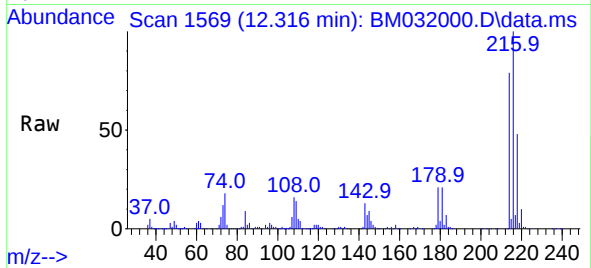
Instrument :
BNA_M
ClientSampleId :
YAS54MS

Manual Integrations
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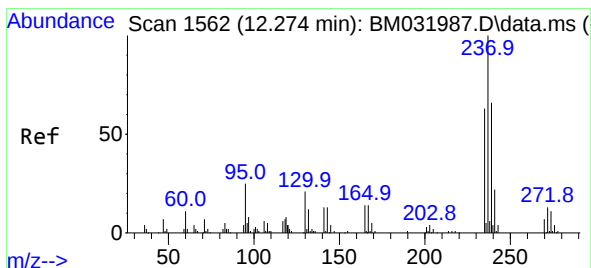
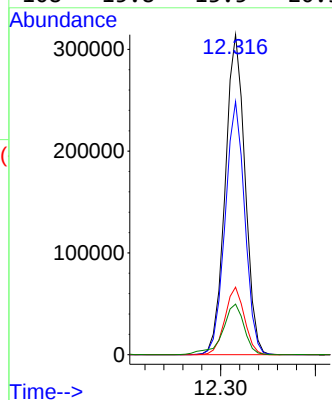
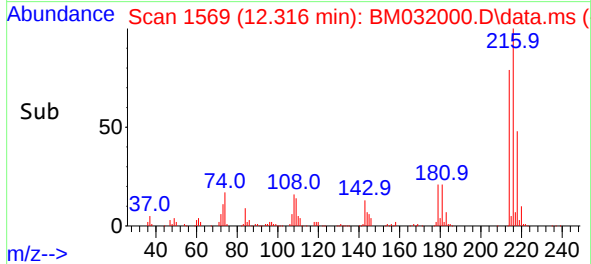
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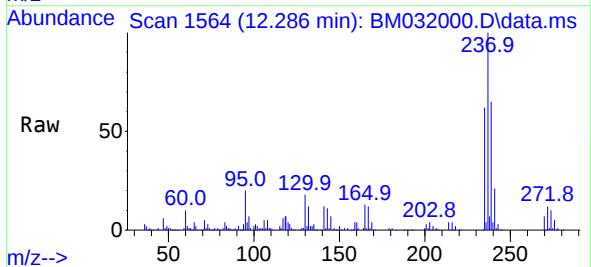
#39
1,2,4,5-Tetrachlorobenzene
Concen: 41.544 ng/ul
RT: 12.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36



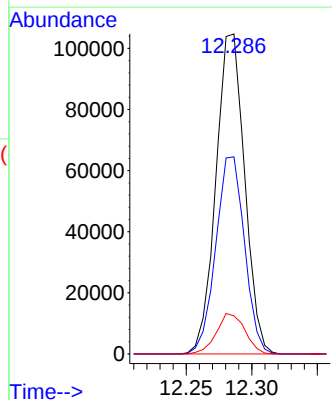
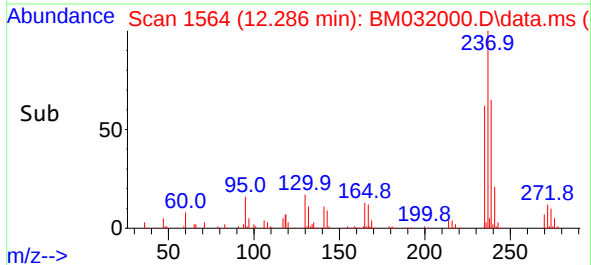
Tgt Ion:216 Resp: 456447
Ion Ratio Lower Upper
216 100
214 79.1 62.2 93.4
179 21.1 16.6 24.8
108 15.8 13.5 20.3



#40
Hexachlorocyclopentadiene
Concen: 26.982 ng/ul
RT: 12.286 min Scan# 1564
Delta R.T. 0.006 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36



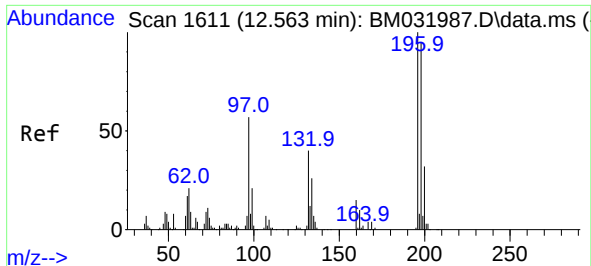
Tgt Ion:237 Resp: 159563
Ion Ratio Lower Upper
237 100
235 61.6 49.0 73.4
272 11.9 11.0 16.4



Instrument :
BNA_M
ClientSampled :
YAS54MS

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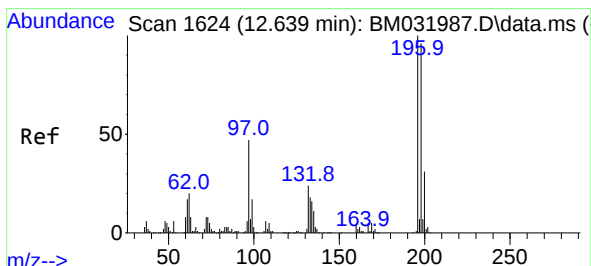
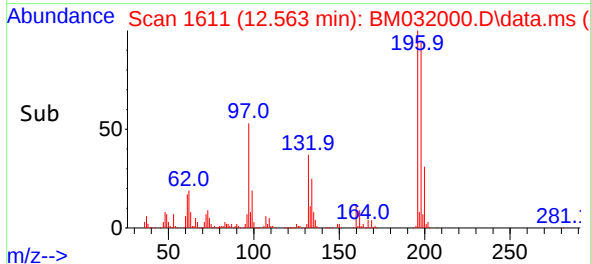
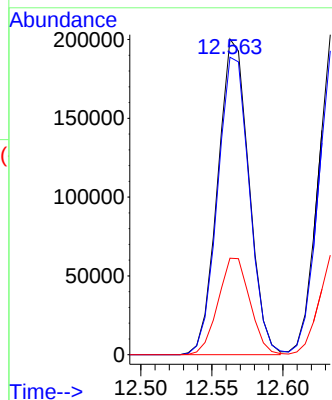
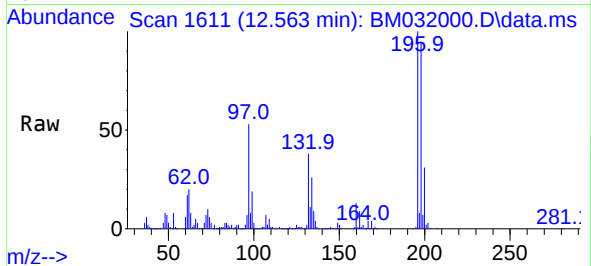
#41
2,4,6-Trichlorophenol
Concen: 41.529 ng/ul
RT: 12.563 min Scan# 1611
Delta R.T. -0.006 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36

Tgt Ion:196 Resp: 305671
Ion Ratio Lower Upper
196 100
198 94.2 78.8 118.2
200 30.5 26.0 39.0

Instrument :
BNA_M
ClientSampled :
YAS54MS

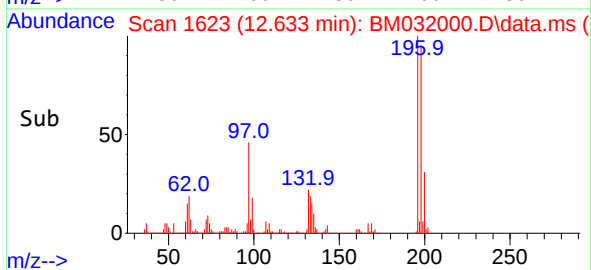
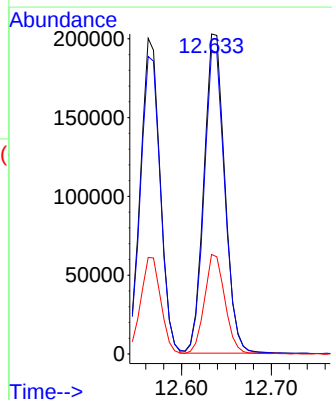
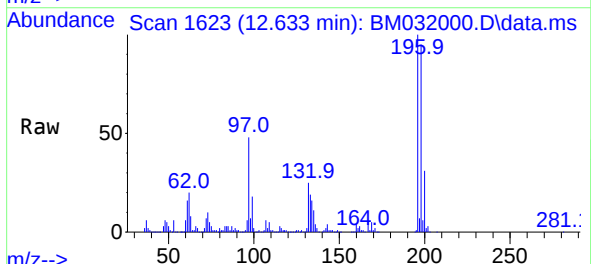
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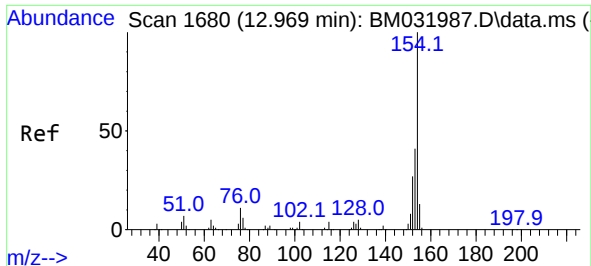
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#42
2,4,5-Trichlorophenol
Concen: 40.947 ng/ul
RT: 12.633 min Scan# 1623
Delta R.T. -0.012 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36

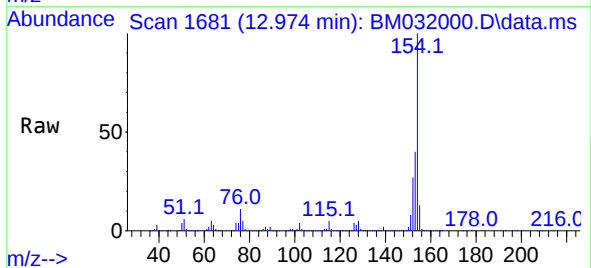
Tgt Ion:196 Resp: 327293
Ion Ratio Lower Upper
196 100
198 95.0 76.1 114.1
200 31.1 25.4 38.2





#43
1,1'-Biphenyl
Concen: 123.660 ng/ul
RT: 12.974 min Scan# 1681
Delta R.T. -0.000 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36

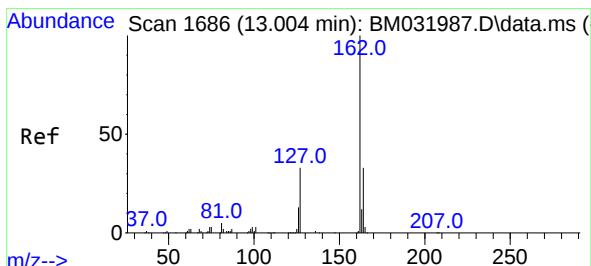
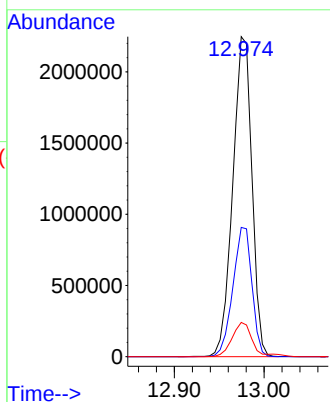
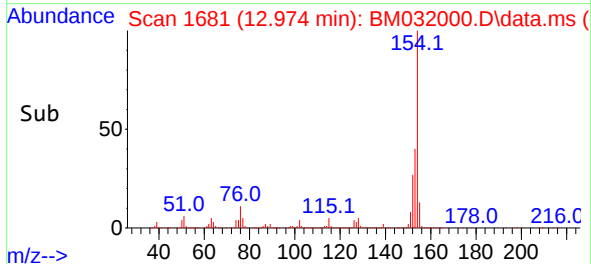
Instrument :
BNA_M
ClientSampled :
YAS54MS



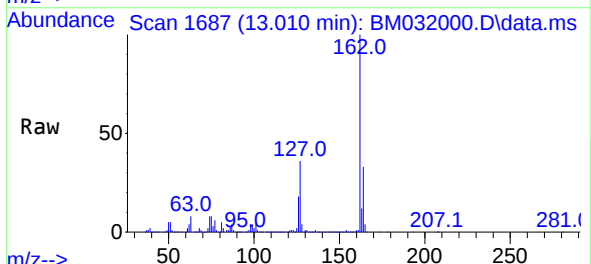
Tgt Ion:154 Resp: 3329314
Ion Ratio Lower Upper
154 100
153 40.4 32.3 48.5
76 10.7 10.6 15.8

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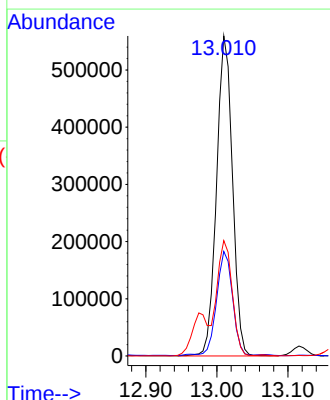
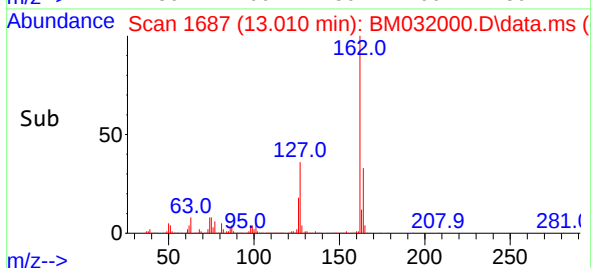
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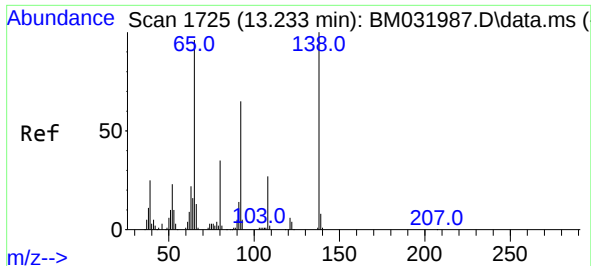


#44
2-Chloronaphthalene
Concen: 40.645 ng/ul
RT: 13.010 min Scan# 1687
Delta R.T. -0.000 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36



Tgt Ion:162 Resp: 866951
Ion Ratio Lower Upper
162 100
164 32.7 26.2 39.4
127 36.1 29.4 44.0





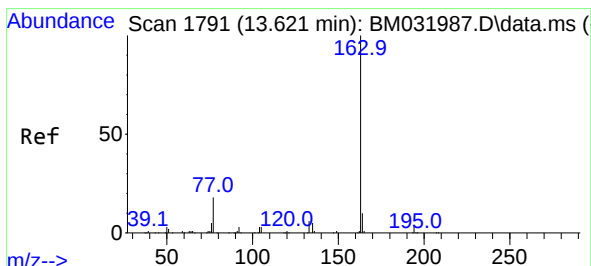
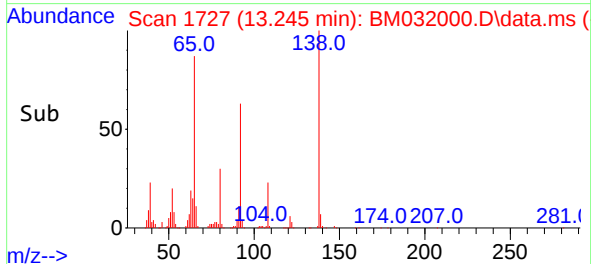
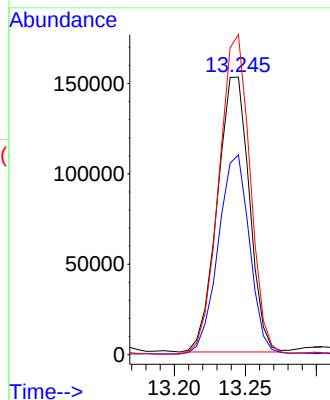
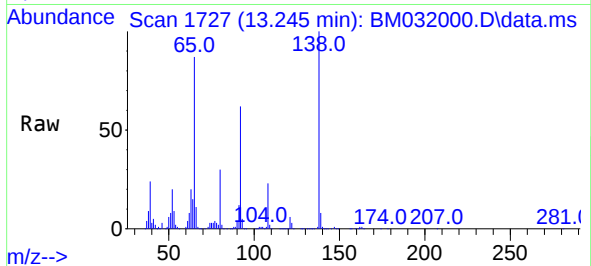
#45
2-Nitroaniline
Concen: 40.581 ng/ul
RT: 13.245 min Scan# 1727
Delta R.T. 0.006 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36

Tgt Ion: 65 Resp: 238474
Ion Ratio Lower Upper
65 100
92 72.0 53.9 80.9
138 115.2 83.3 124.9

Instrument :
BNA_M
ClientSampled :
YAS54MS

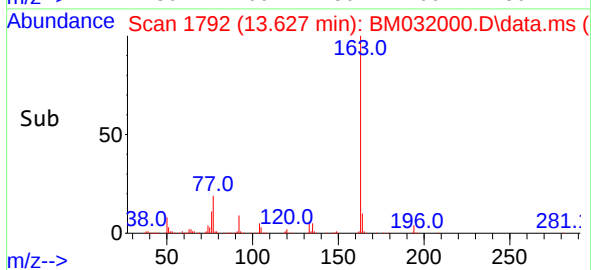
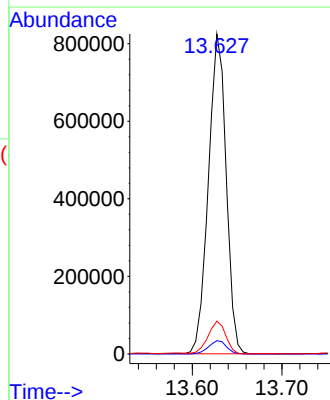
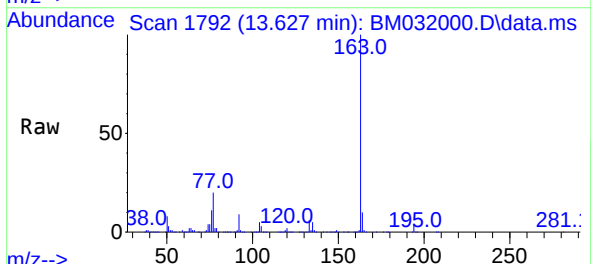
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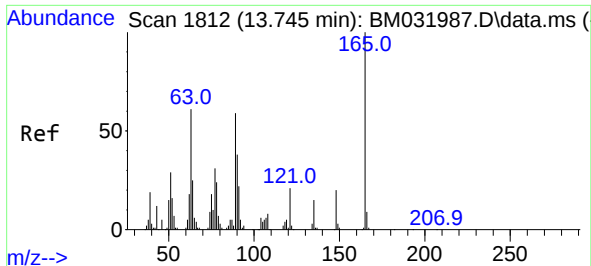
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#47
Dimethylphthalate
Concen: 39.874 ng/ul
RT: 13.627 min Scan# 1792
Delta R.T. -0.000 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36

Tgt Ion:163 Resp: 1133953
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 10.3 8.2 12.4





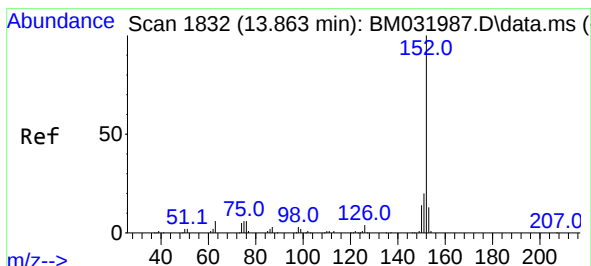
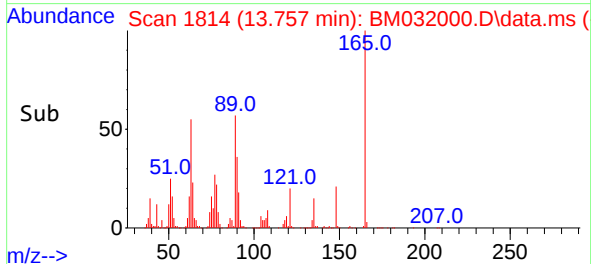
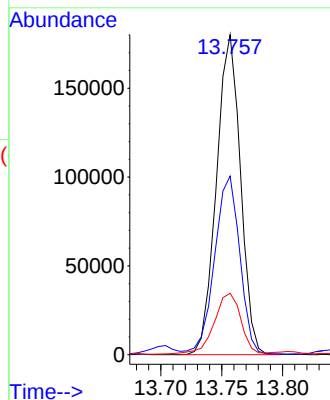
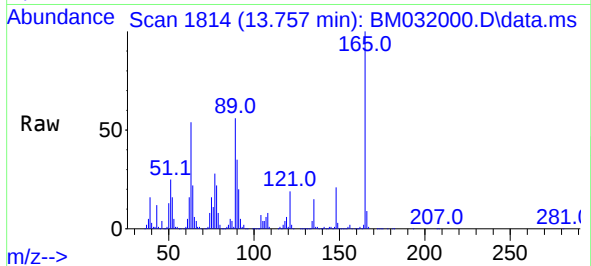
#48
2,6-Dinitrotoluene
Concen: 44.144 ng/ul
RT: 13.757 min Scan# 1814
Delta R.T. 0.006 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36

Tgt Ion:165 Resp: 247660
Ion Ratio Lower Upper
165 100
89 55.8 48.6 72.8
121 19.2 18.1 27.1

Instrument :
BNA_M
ClientSampled :
YAS54MS

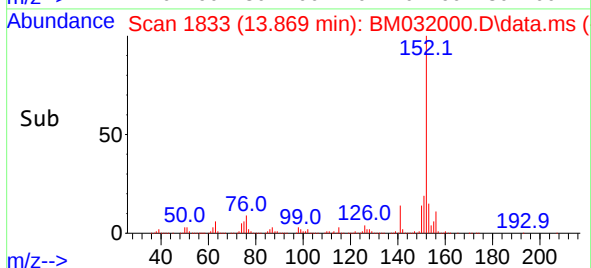
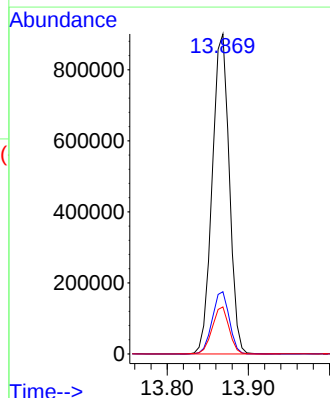
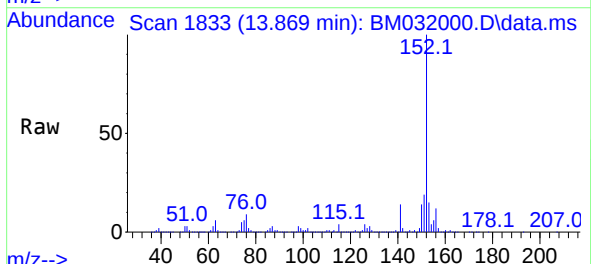
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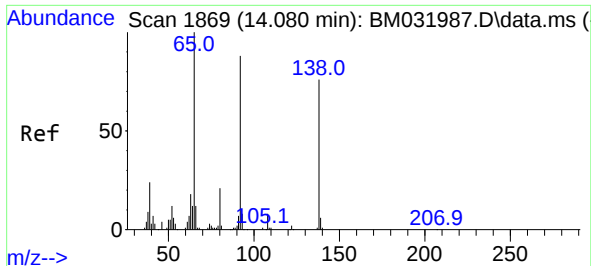
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#50
Acenaphthylene
Concen: 41.548 ng/ul
RT: 13.869 min Scan# 1833
Delta R.T. -0.000 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36

Tgt Ion:152 Resp: 1311264
Ion Ratio Lower Upper
152 100
151 19.5 16.2 24.2
153 14.7 10.2 15.4





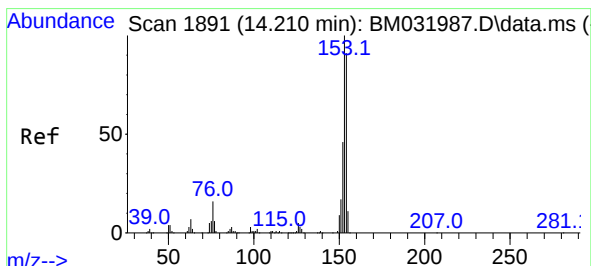
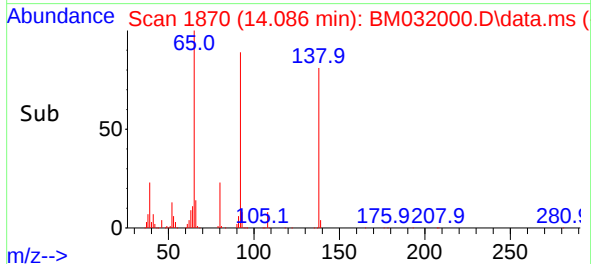
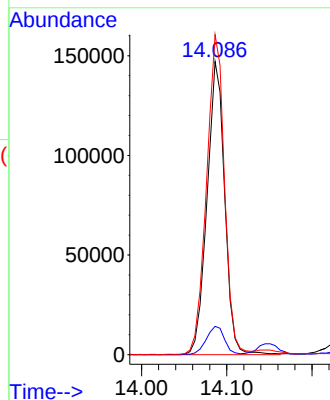
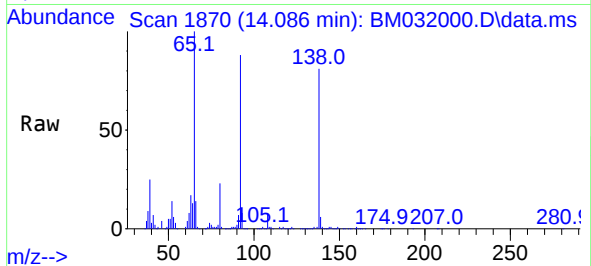
#51
3-Nitroaniline
Concen: 40.312 ng/ul
RT: 14.086 min Scan# 1870
Delta R.T. 0.006 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36

Tgt Ion:138 Resp: 211649
Ion Ratio Lower Upper
138 100
108 9.7 7.4 11.2
92 109.2 96.5 144.7

Instrument :
BNA_M
ClientSampleId :
YAS54MS

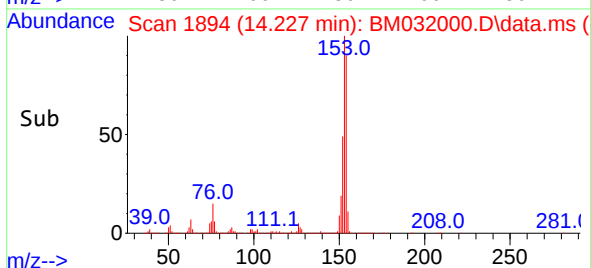
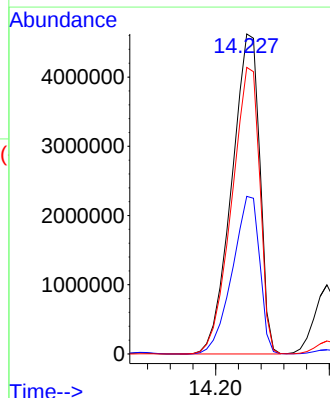
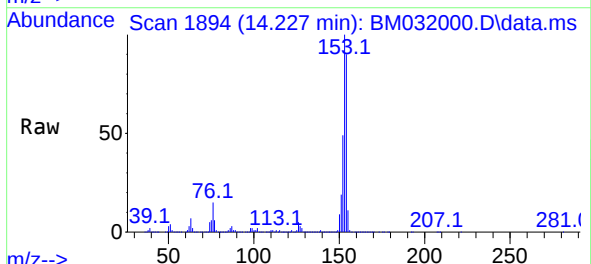
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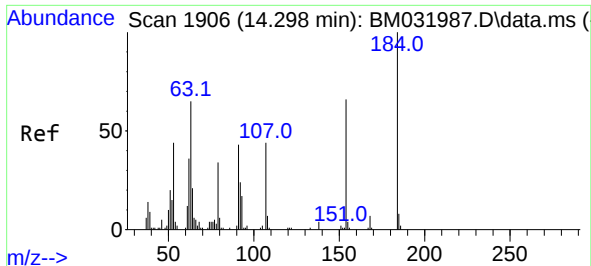
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#52
Acenaphthene
Concen: 346.198 ng/ul
RT: 14.227 min Scan# 1894
Delta R.T. 0.012 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36

Tgt Ion:153 Resp: 7935344
Ion Ratio Lower Upper
153 100
152 49.2 37.4 56.2
154 89.6 69.4 104.0





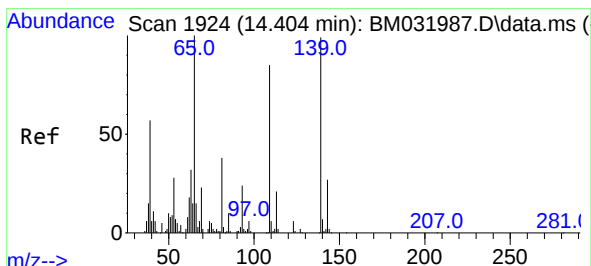
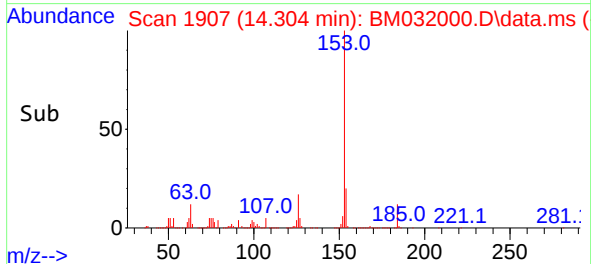
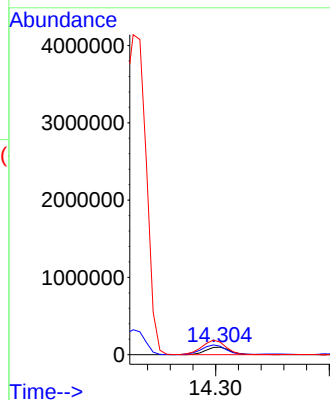
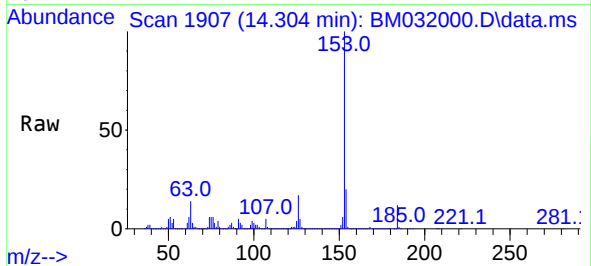
#53
2,4-Dinitrophenol
Concen: 37.090 ng/ul
RT: 14.304 min Scan# 1907
Delta R.T. 0.006 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36

Tgt Ion:184 Resp: 145491
Ion Ratio Lower Upper
184 100
63 111.8 56.9 85.3#
154 167.5 49.0 73.6#

Instrument :
BNA_M
ClientSampleId :
YAS54MS

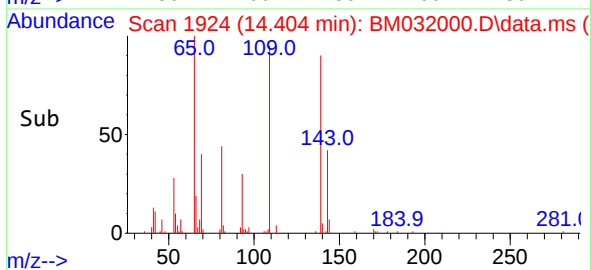
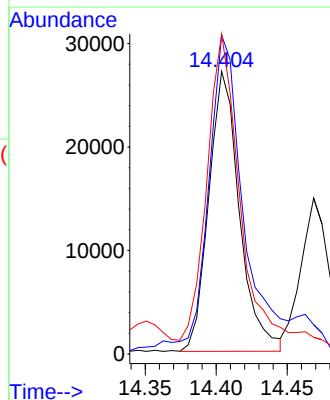
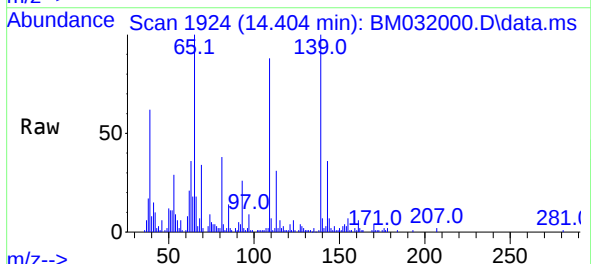
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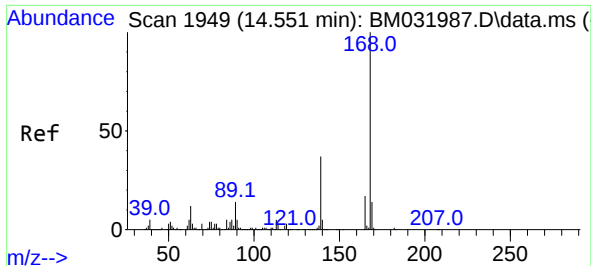
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#55
4-Nitrophenol
Concen: 8.398 ng/ul
RT: 14.404 min Scan# 1924
Delta R.T. 0.000 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36

Tgt Ion:109 Resp: 40646
Ion Ratio Lower Upper
109 100
139 112.8 100.3 150.5
65 113.3 104.6 156.8





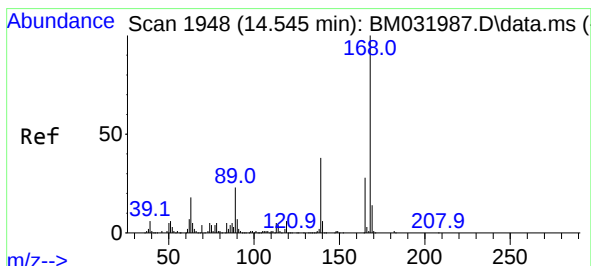
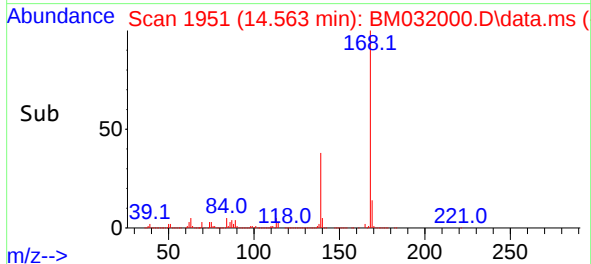
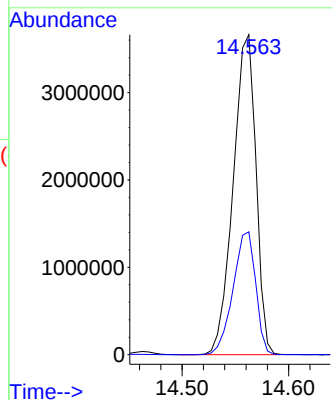
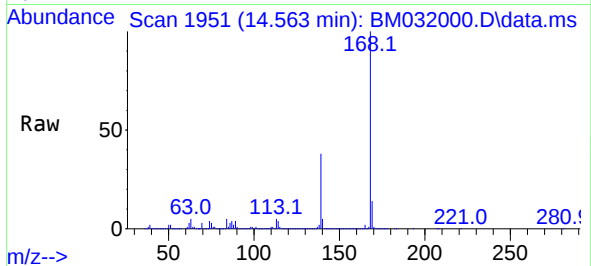
#56
Dibenzofuran
Concen: 161.500 ng/ul
RT: 14.563 min Scan# 1951
Delta R.T. 0.006 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36

Tgt Ion:168 Resp: 5459252
Ion Ratio Lower Upper
168 100
139 38.4 29.5 44.3

Instrument :
BNA_M
ClientSampleId :
YAS54MS

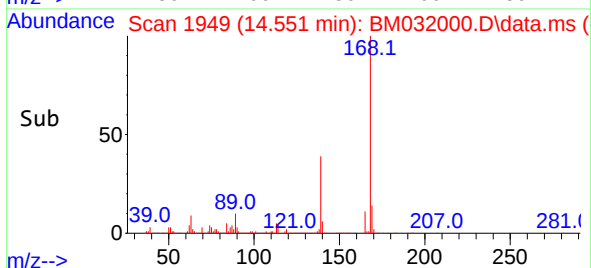
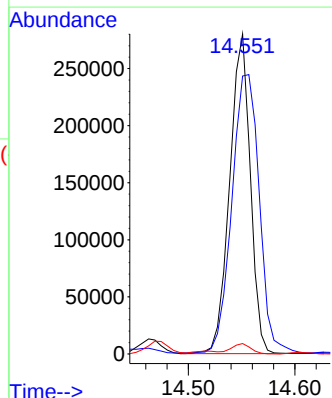
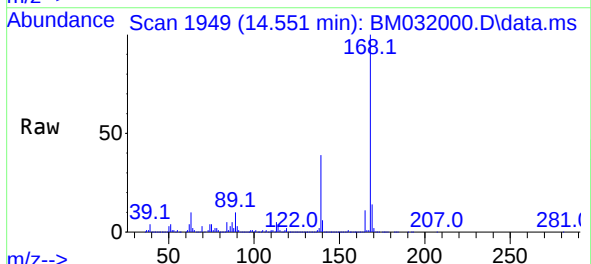
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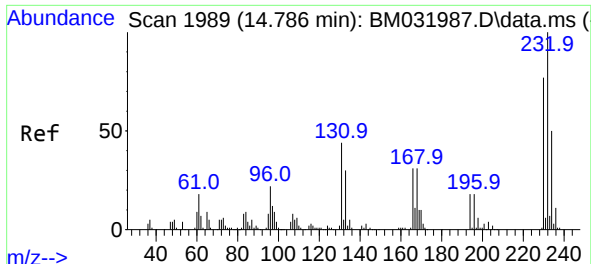
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#57
2,4-Dinitrotoluene
Concen: 44.708 ng/ul
RT: 14.551 min Scan# 1949
Delta R.T. 0.006 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36

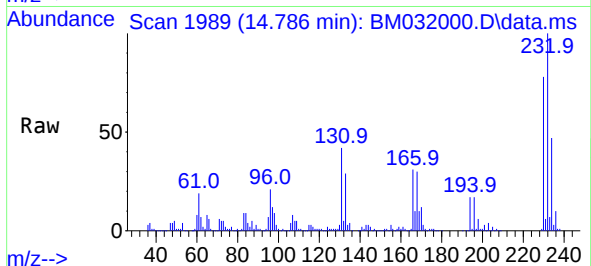
Tgt Ion:165 Resp: 376201
Ion Ratio Lower Upper
165 100
63 86.9 37.6 56.4#
182 3.3 1.8 2.8#





#58
2,3,4,6-Tetrachlorophenol
Concen: 42.197 ng/ul
RT: 14.786 min Scan# 1989
Delta R.T. -0.000 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36

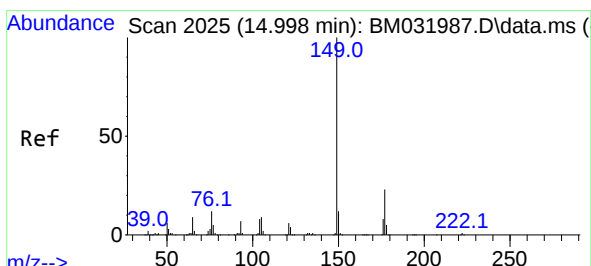
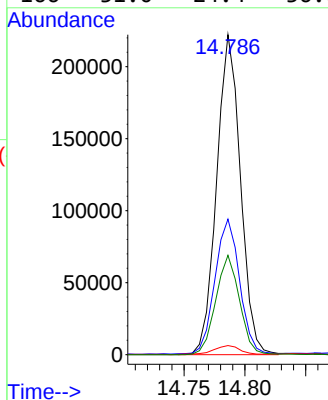
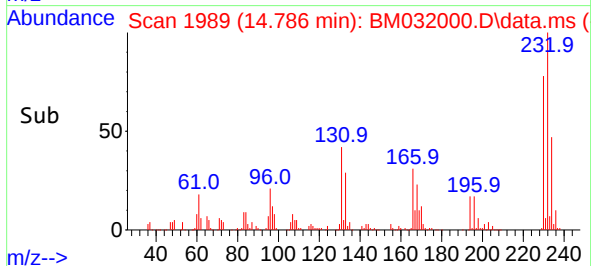
Instrument :
BNA_M
ClientSampled :
YAS54MS



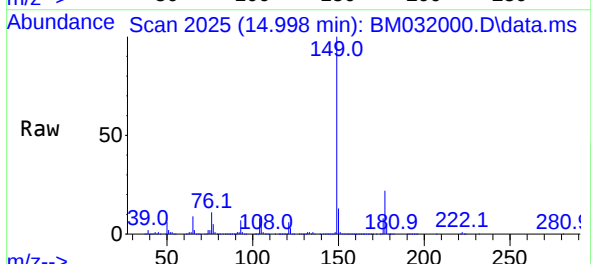
Tgt Ion:232 Resp: 302787
Ion Ratio Lower Upper
232 100
131 42.4 35.0 52.6
130 2.8 1.7 2.5#
166 31.0 24.4 36.6

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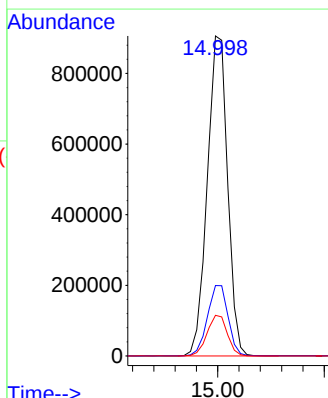
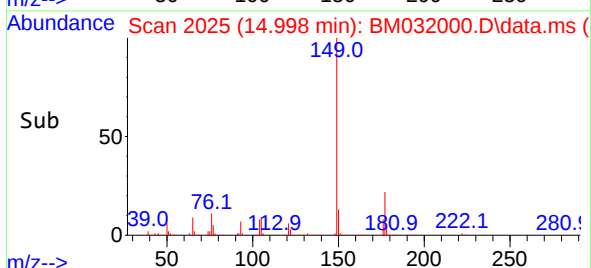
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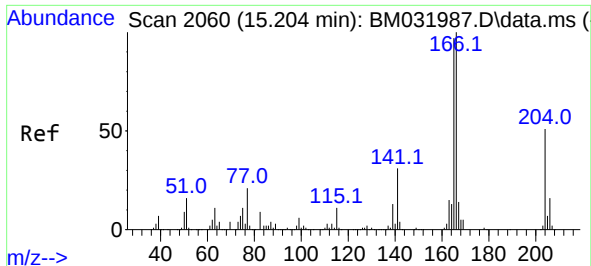


#59
Diethylphthalate
Concen: 41.325 ng/ul
RT: 14.998 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36



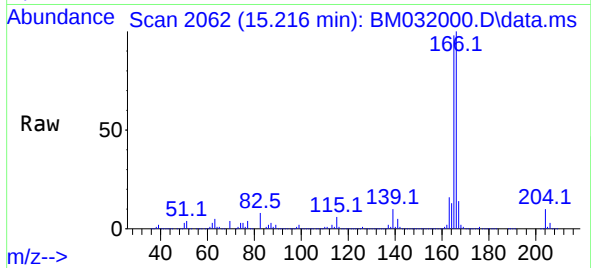
Tgt Ion:149 Resp: 1201120
Ion Ratio Lower Upper
149 100
177 22.0 17.0 25.4
150 12.7 9.9 14.9





#61
Fluorene
Concen: 143.064 ng/ul
RT: 15.216 min Scan# 2062
Delta R.T. 0.006 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36

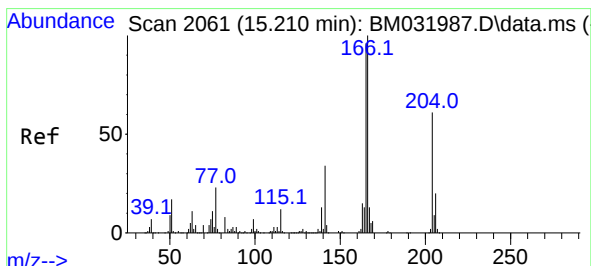
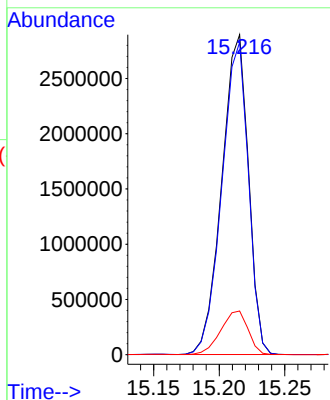
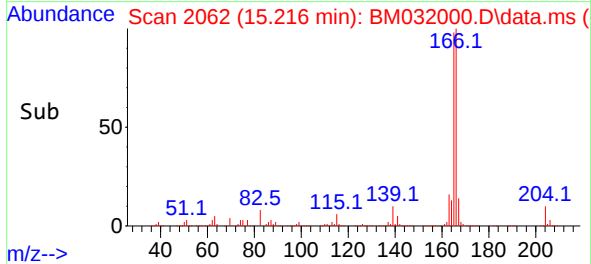
Instrument :
BNA_M
ClientSampleId :
YAS54MS



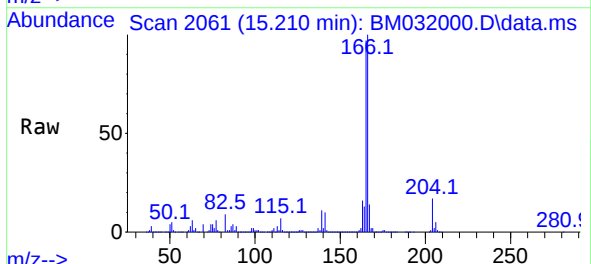
Tgt Ion:166 Resp: 4091954
Ion Ratio Lower Upper
166 100
165 97.7 78.4 117.6
167 13.6 10.6 15.8

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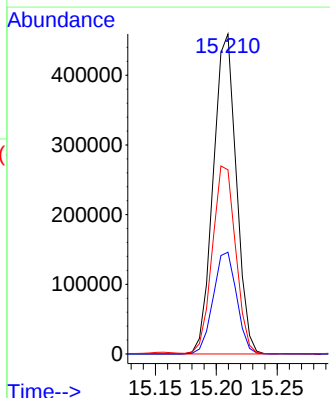
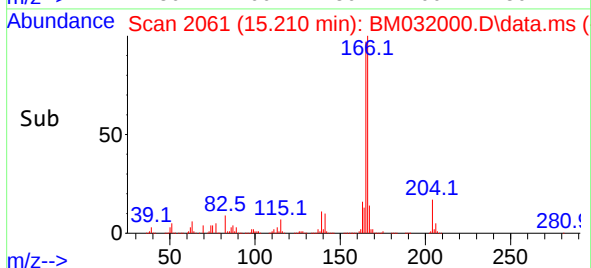
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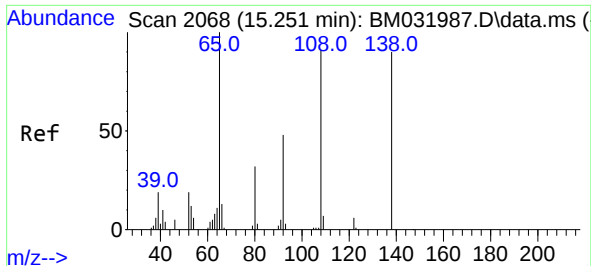


#62
4-Chlorophenyl-phenylether
Concen: 41.282 ng/ul
RT: 15.210 min Scan# 2061
Delta R.T. -0.000 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36



Tgt Ion:204 Resp: 604715
Ion Ratio Lower Upper
204 100
206 31.8 26.0 39.0
141 57.6 45.6 68.4





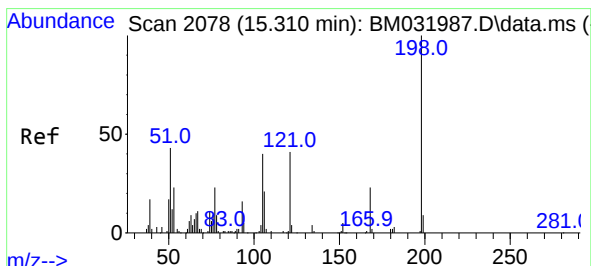
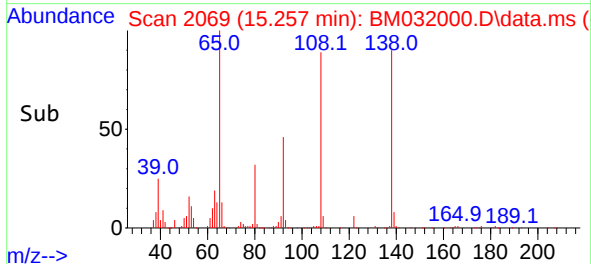
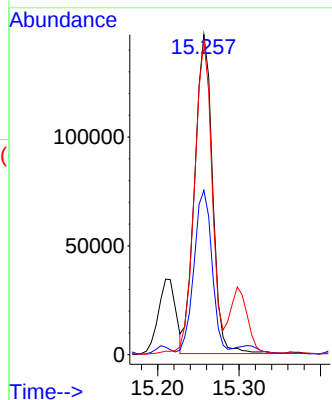
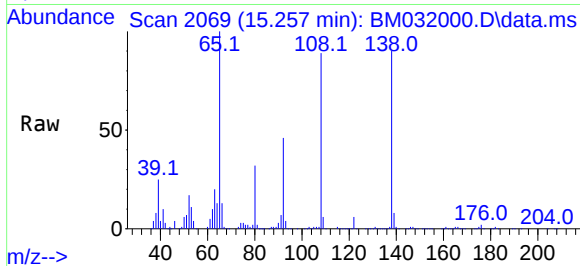
#63
4-Nitroaniline
Concen: 47.459 ng/ul m
RT: 15.257 min Scan# 2069
Delta R.T. 0.000 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36

Tgt Ion:138 Resp: 223198
Ion Ratio Lower Upper
138 100
92 51.3 41.5 62.3
108 98.3 61.4 92.2#

Instrument :
BNA_M
ClientSampleId :
YAS54MS

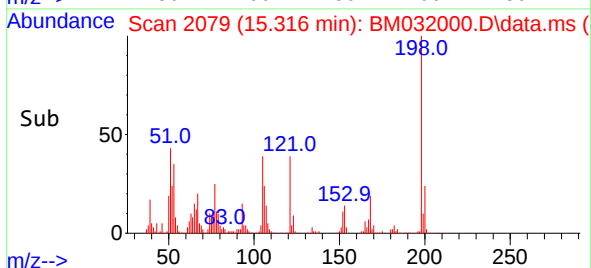
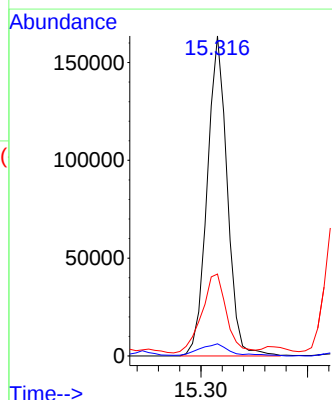
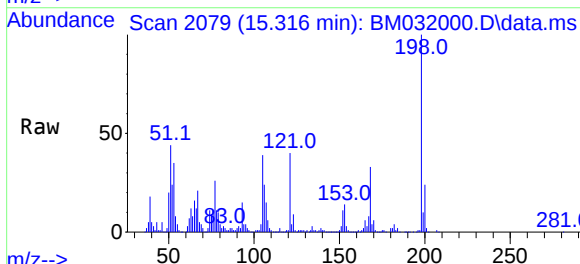
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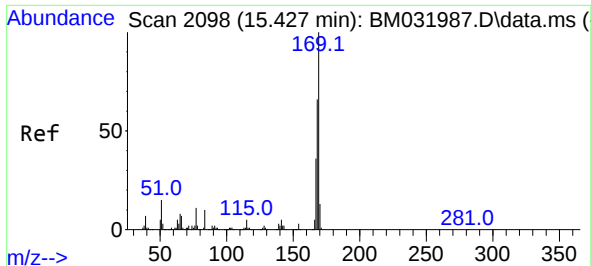
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#66
4,6-Dinitro-2-methylphenol
Concen: 39.605 ng/ul
RT: 15.316 min Scan# 2079
Delta R.T. 0.006 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36

Tgt Ion:198 Resp: 214207
Ion Ratio Lower Upper
198 100
182 3.8 3.8 5.6
77 25.6 20.1 30.1





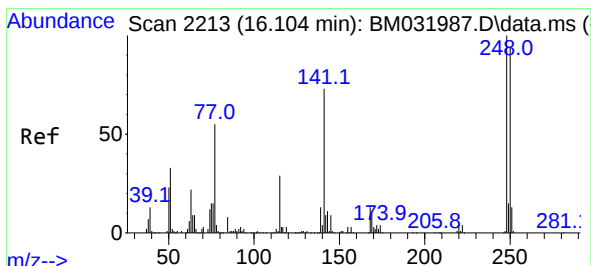
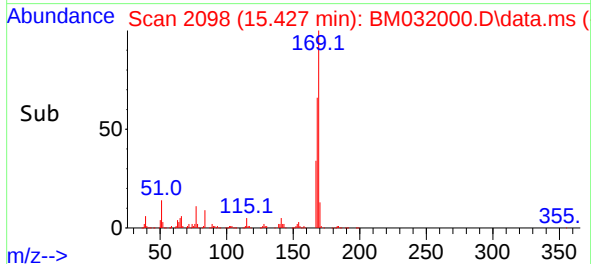
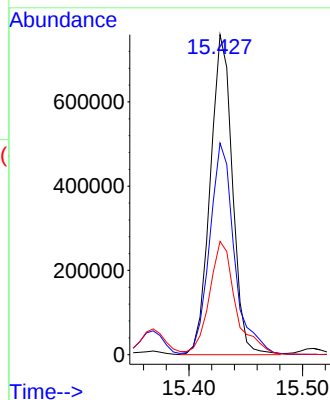
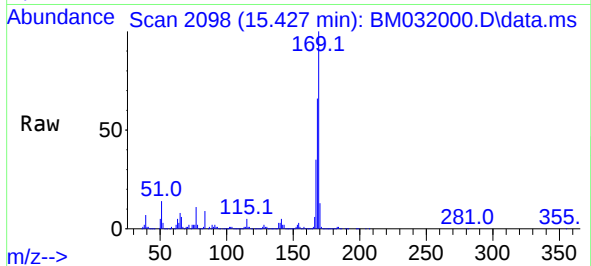
#67
N-Nitrosodiphenylamine
Concen: 44.364 ng/ul
RT: 15.427 min Scan# 2098
Delta R.T. -0.006 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36

Tgt Ion:169 Resp: 1031355
Ion Ratio Lower Upper
169 100
168 66.1 53.8 80.6
167 35.4 28.6 43.0

Instrument :
BNA_M
ClientSampleId :
YAS54MS

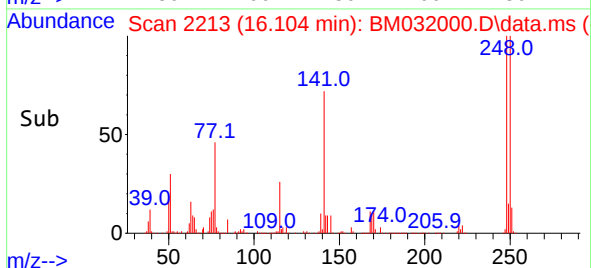
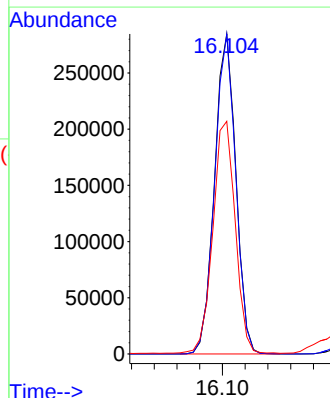
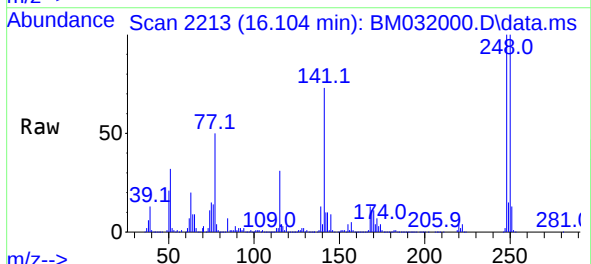
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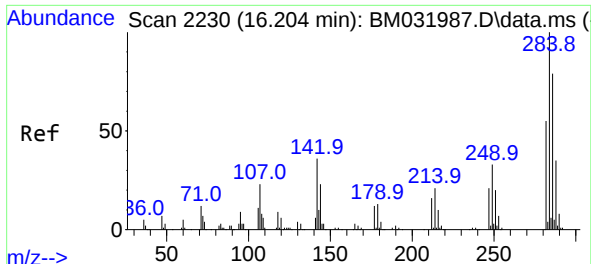
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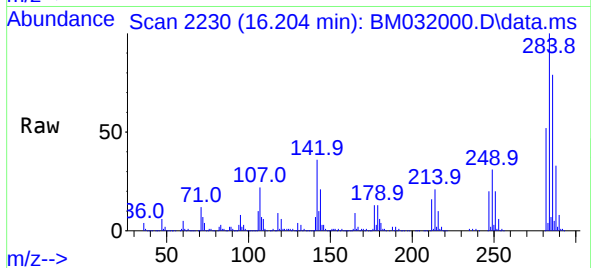
#68
4-Bromophenyl-phenylether
Concen: 44.724 ng/ul
RT: 16.104 min Scan# 2213
Delta R.T. -0.000 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36

Tgt Ion:248 Resp: 371012
Ion Ratio Lower Upper
248 100
250 99.8 78.6 118.0
141 72.7 56.2 84.2

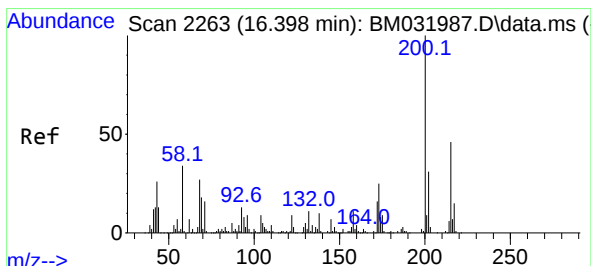
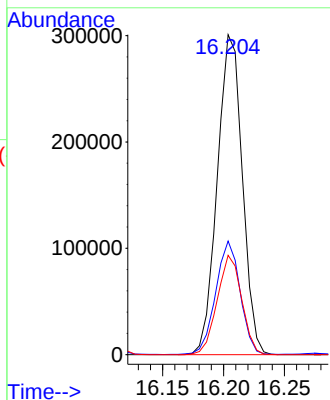
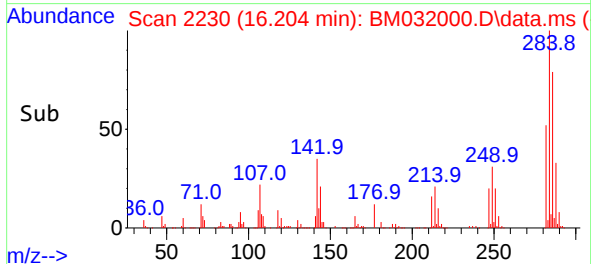




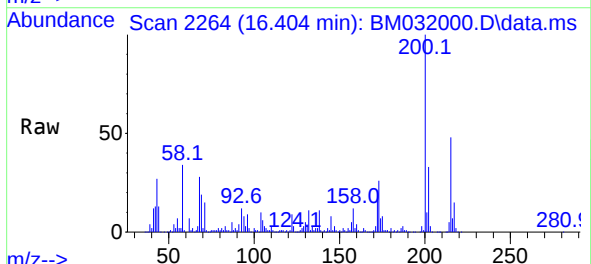
#69
Hexachlorobenzene
Concen: 44.688 ng/ul
RT: 16.204 min Scan# 2230
Delta R.T. -0.006 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36



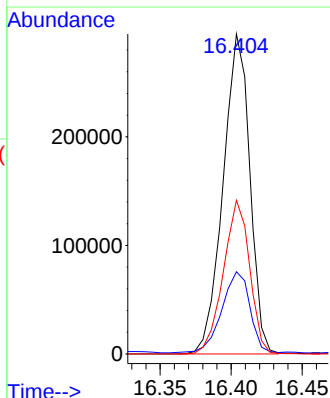
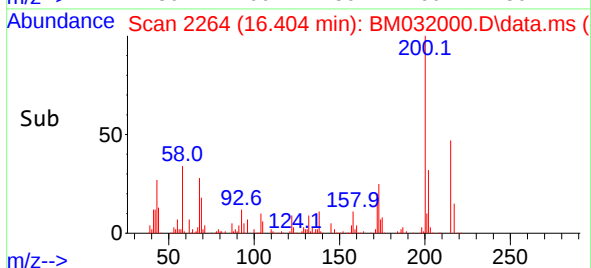
Tgt Ion:284 Resp: 430418
Ion Ratio Lower Upper
284 100
142 35.5 29.0 43.4
249 31.0 25.0 37.4



#70
Atrazine
Concen: 44.086 ng/ul
RT: 16.404 min Scan# 2264
Delta R.T. 0.006 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36



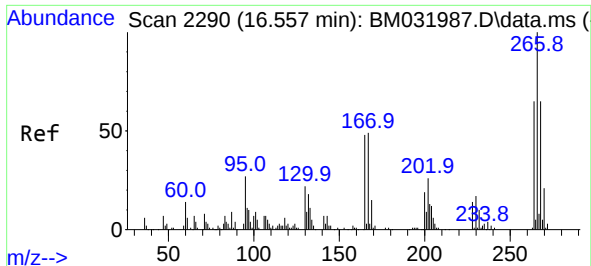
Tgt Ion:200 Resp: 386147
Ion Ratio Lower Upper
200 100
173 25.7 18.7 28.1
215 48.1 38.9 58.3



Instrument :
BNA_M
ClientSampled :
YAS54MS

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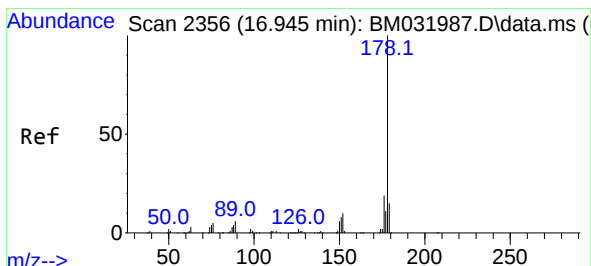
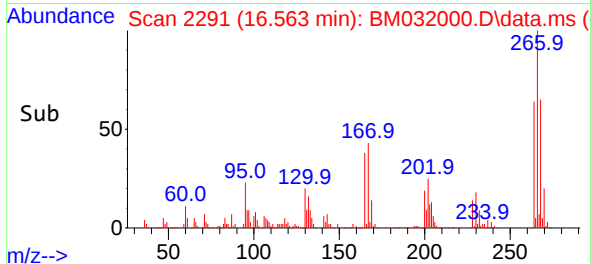
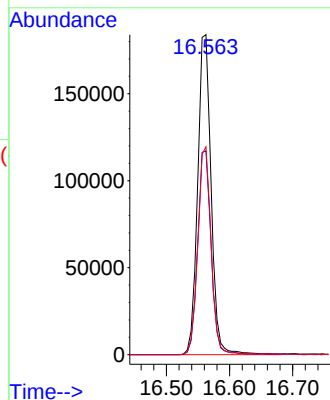
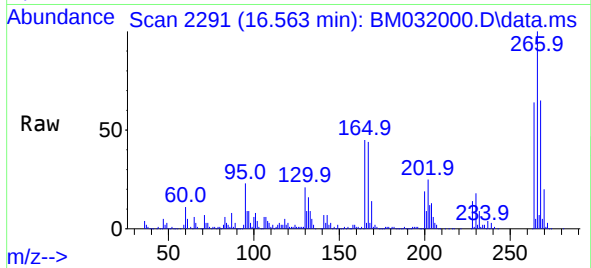
#71
Pentachlorophenol
Concen: 43.224 ng/ul
RT: 16.563 min Scan# 2291
Delta R.T. 0.000 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36

Tgt Ion:266 Resp: 272240
Ion Ratio Lower Upper
266 100
264 63.7 48.2 72.4
268 65.0 51.6 77.4

Instrument :
BNA_M
ClientSampleId :
YAS54MS

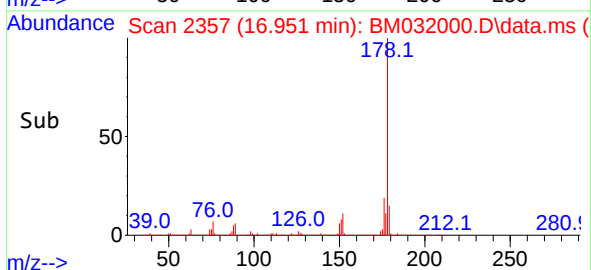
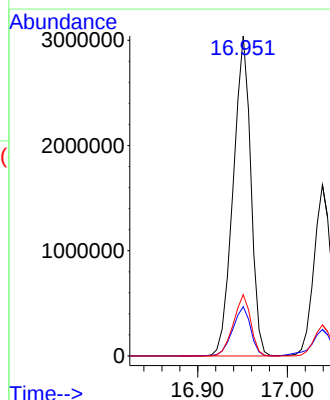
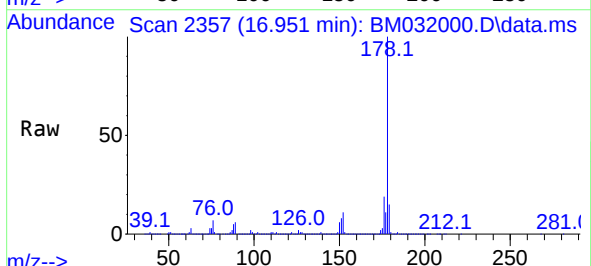
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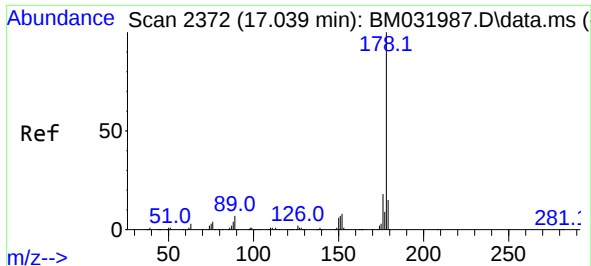
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#72
Phenanthrene
Concen: 93.513 ng/ul
RT: 16.951 min Scan# 2357
Delta R.T. -0.000 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36

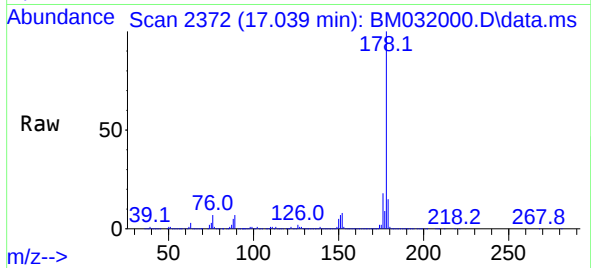
Tgt Ion:178 Resp: 4134503
Ion Ratio Lower Upper
178 100
179 15.4 12.1 18.1
176 19.1 15.2 22.8





#74
 Anthracene
 Concen: 47.333 ng/uL
 RT: 17.039 min Scan# 2372
 Delta R.T. -0.000 min
 Lab File: BM032000.D
 Acq: 01 Sep 2021 00:36

Instrument :
 BNA_M
 ClientSampleId :
 YAS54MS

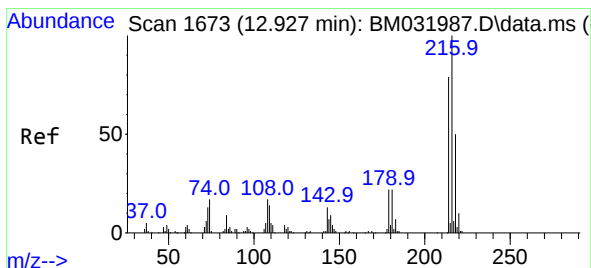
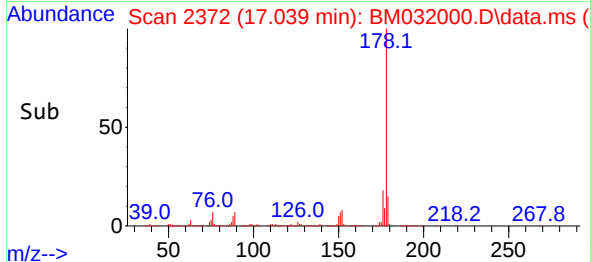
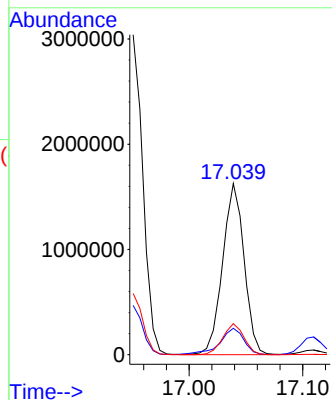


Tgt Ion:178 Resp: 2141803

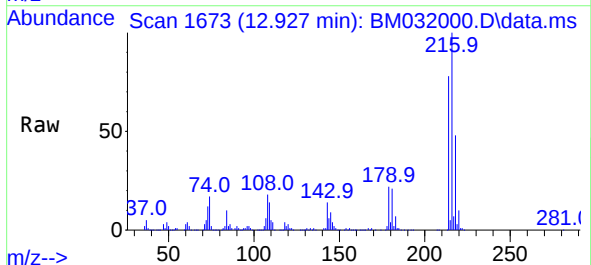
Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.1	18.1
176	18.1	15.2	22.8

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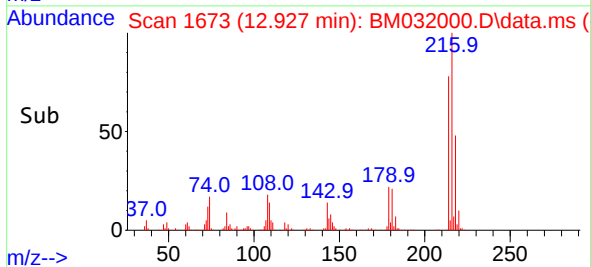
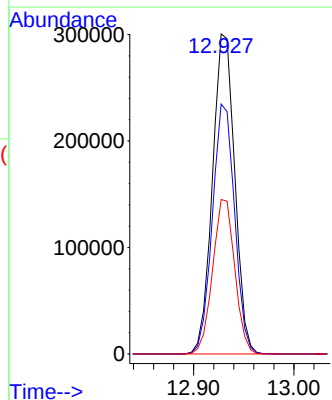


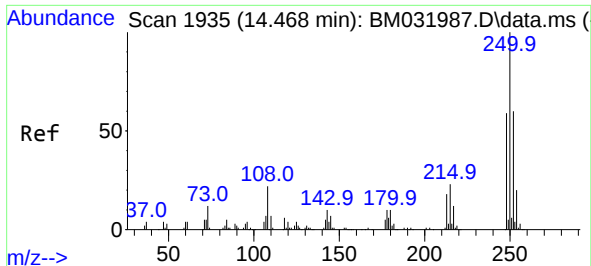
#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 44.123 ng/uL
 RT: 12.927 min Scan# 1673
 Delta R.T. -0.006 min
 Lab File: BM032000.D
 Acq: 01 Sep 2021 00:36



Tgt Ion:216 Resp: 464806

Ion	Ratio	Lower	Upper
216	100		
214	78.1	61.9	92.9
218	48.3	39.5	59.3





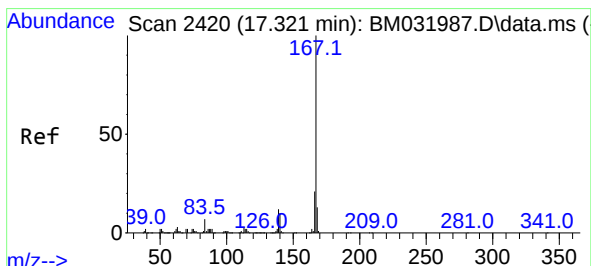
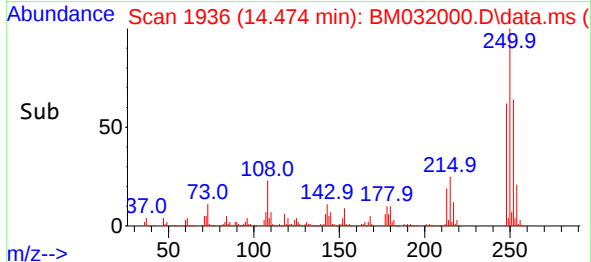
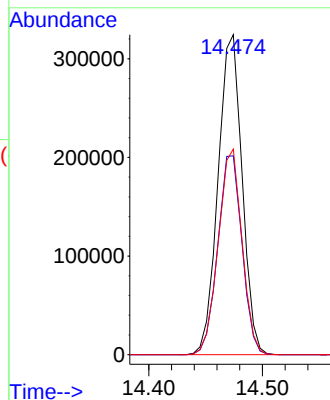
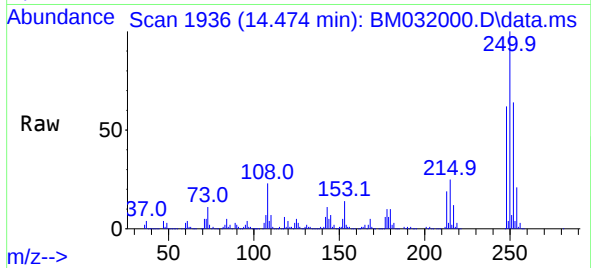
#76
Pentachlorobenzene
Concen: 43.167 ng/uL
RT: 14.474 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36

Tgt Ion:250 Resp: 477059
Ion Ratio Lower Upper
250 100
248 62.1 50.2 75.4
252 64.2 52.2 78.2

Instrument :
BNA_M
ClientSampled :
YAS54MS

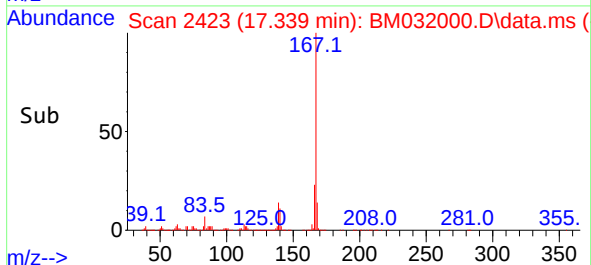
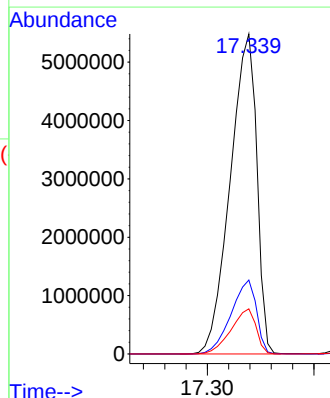
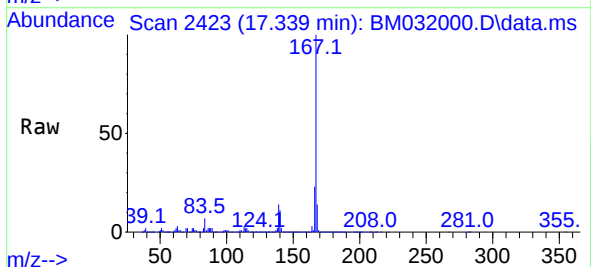
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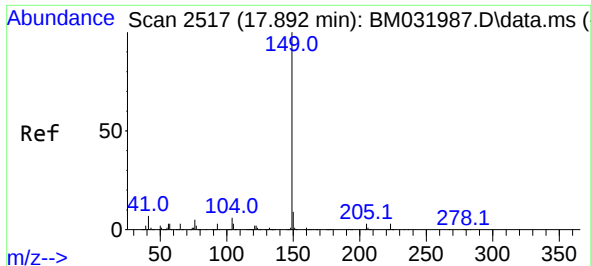
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#77
Carbazole
Concen: 228.907 ng/uL
RT: 17.339 min Scan# 2423
Delta R.T. 0.018 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36

Tgt Ion:167 Resp: 9479780
Ion Ratio Lower Upper
167 100
166 23.1 17.0 25.6
139 14.1 9.9 14.9





#78
Di-n-butylphthalate
Concen: 46.016 ng/ul
RT: 17.892 min Scan# 2517
Delta R.T. -0.000 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36

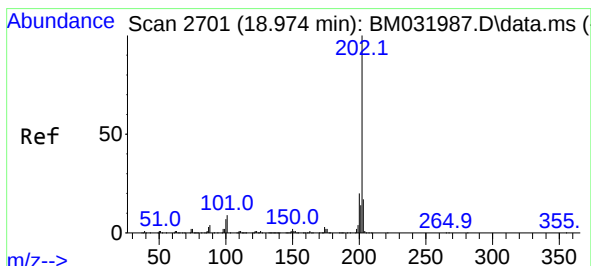
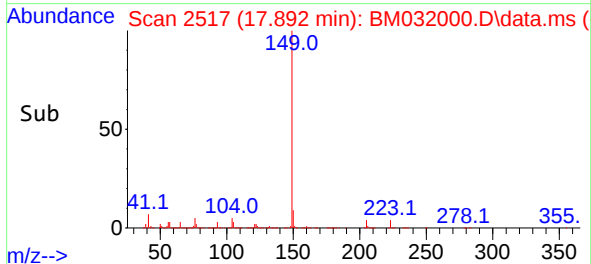
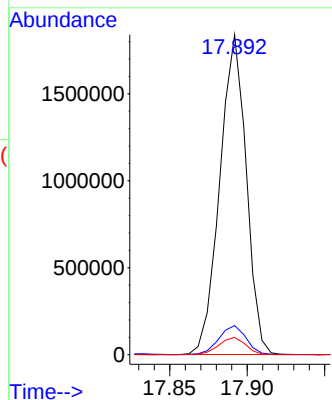
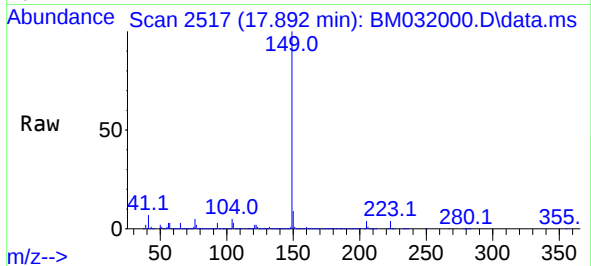
Tgt Ion:149 Resp: 2183682

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	5.4	4.1	6.1

Instrument :
BNA_M
ClientSampleId :
YAS54MS

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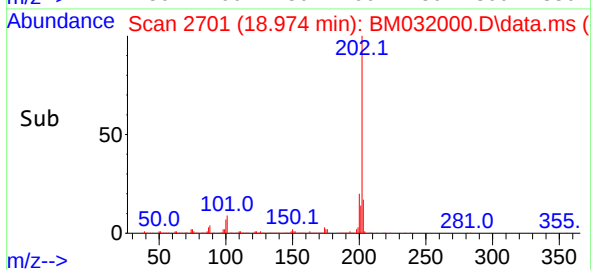
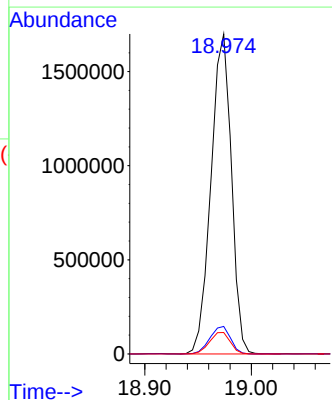
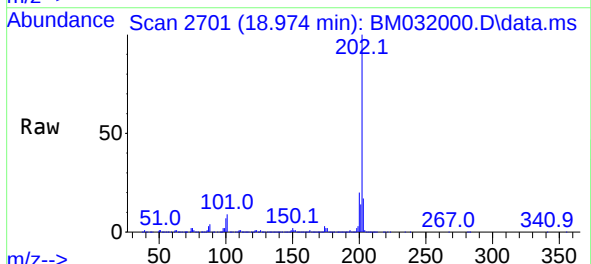
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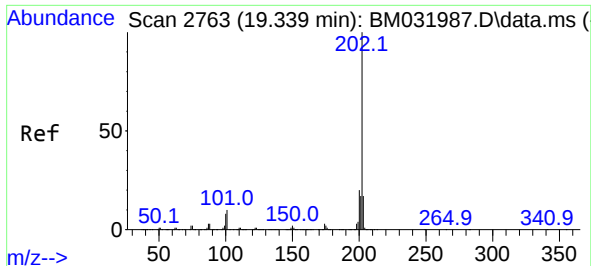


#80
Fluoranthene
Concen: 49.018 ng/ul
RT: 18.974 min Scan# 2701
Delta R.T. -0.000 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36

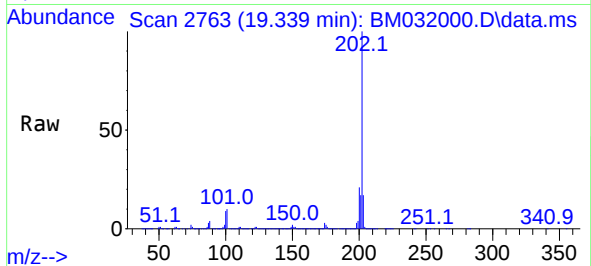
Tgt Ion:202 Resp: 2255898

Ion	Ratio	Lower	Upper
202	100		
101	8.6	8.8	13.2#
100	6.7	6.8	10.2#

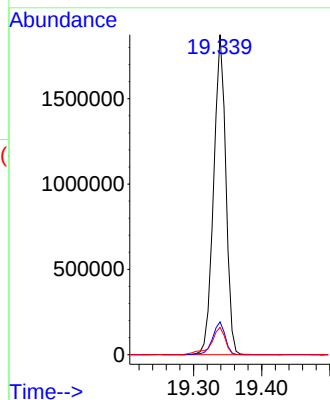
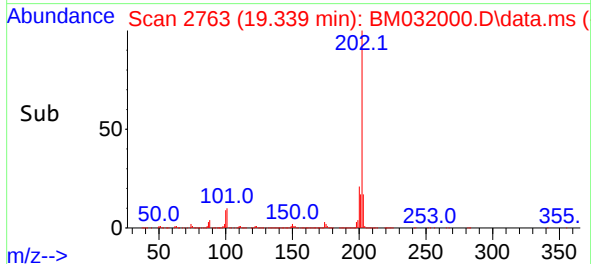




#82
Pyrene
Concen: 47.733 ng/ul
RT: 19.339 min Scan# 2763
Delta R.T. -0.000 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36



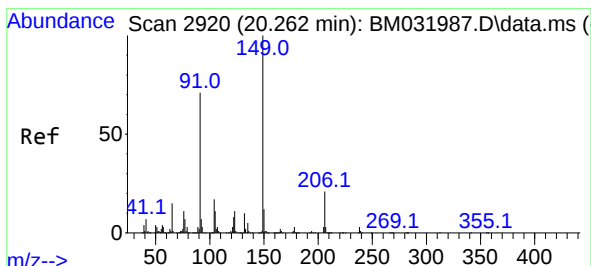
Tgt Ion:202 Resp: 2325776
Ion Ratio Lower Upper
202 100
101 10.3 10.0 15.0
100 8.5 8.5 12.7



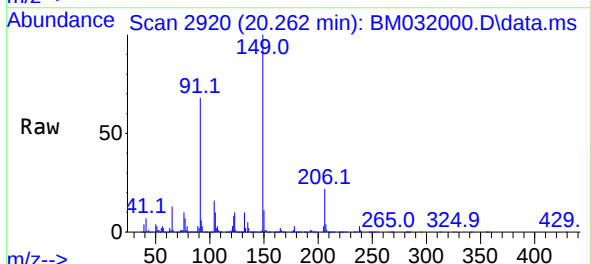
Instrument :
BNA_M
ClientSampleId :
YAS54MS

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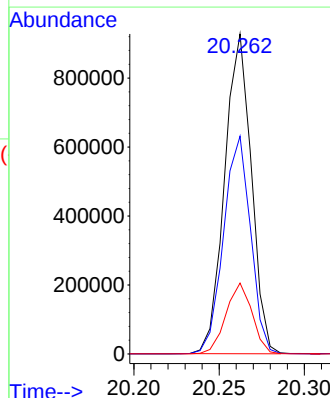
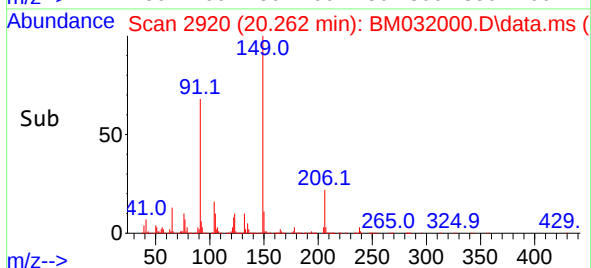
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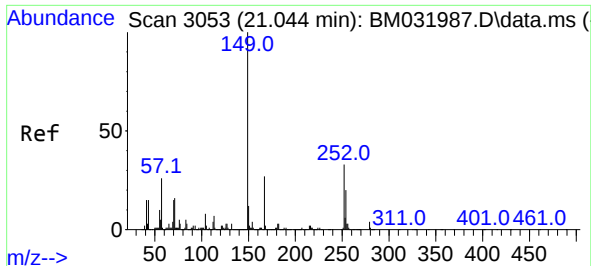


#83
Butylbenzylphthalate
Concen: 52.822 ng/ul
RT: 20.262 min Scan# 2920
Delta R.T. -0.000 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36



Tgt Ion:149 Resp: 1010600
Ion Ratio Lower Upper
149 100
91 68.0 57.4 86.2
206 22.2 15.9 23.9





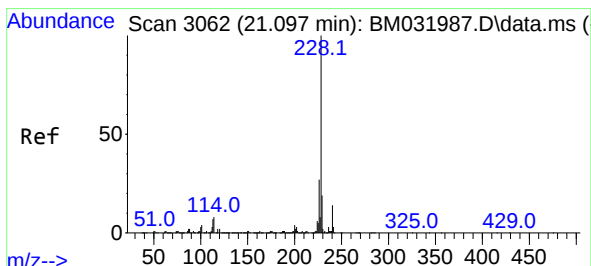
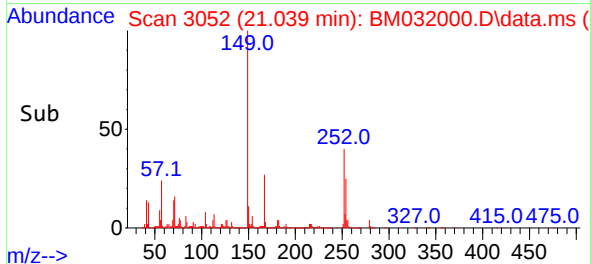
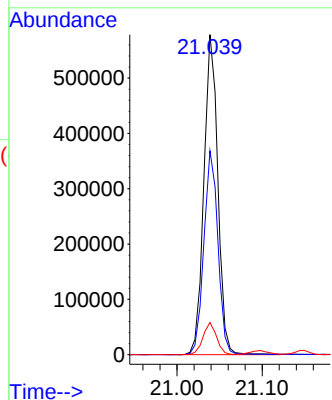
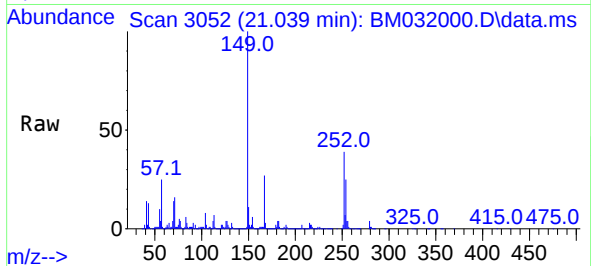
#84
3,3'-Dichlorobenzidine
Concen: 36.041 ng/ul
RT: 21.039 min Scan# 3052
Delta R.T. -0.000 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36

Tgt Ion:252 Resp: 656078
Ion Ratio Lower Upper
252 100
254 63.7 49.9 74.9
126 10.0 8.9 13.3

Instrument :
BNA_M
ClientSampleId :
YAS54MS

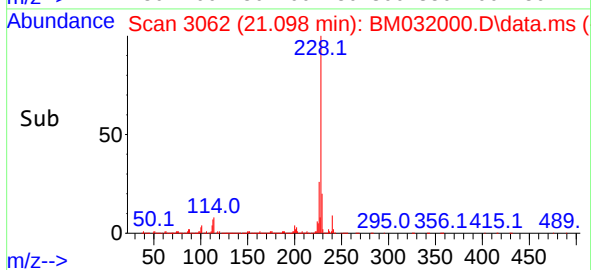
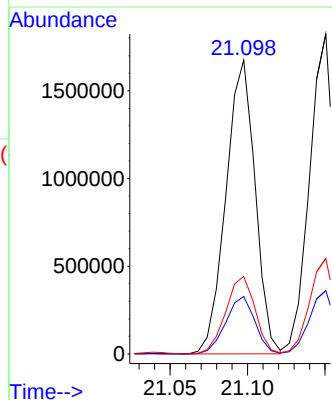
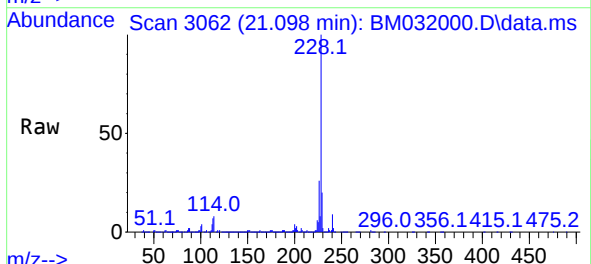
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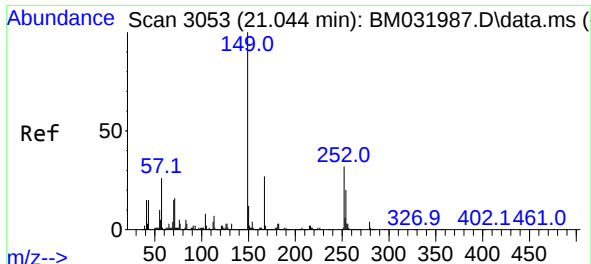
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#85
Benzo(a)anthracene
Concen: 43.630 ng/ul
RT: 21.098 min Scan# 3062
Delta R.T. 0.000 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36

Tgt Ion:228 Resp: 2194468
Ion Ratio Lower Upper
228 100
229 19.6 16.0 24.0
226 26.4 22.2 33.2





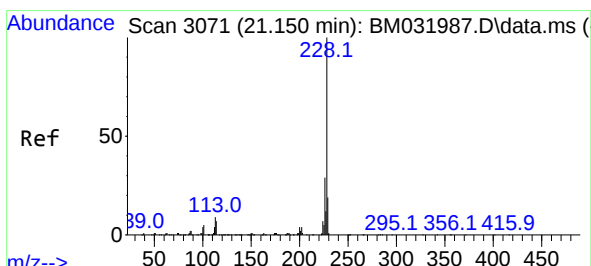
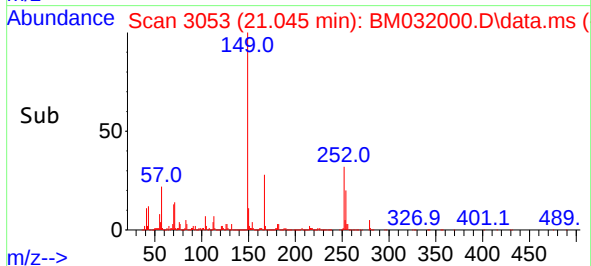
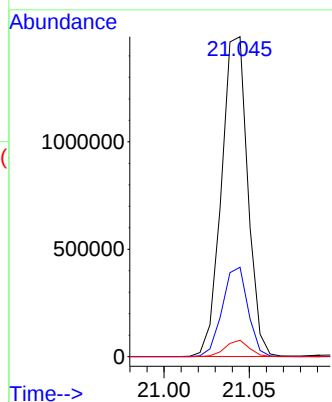
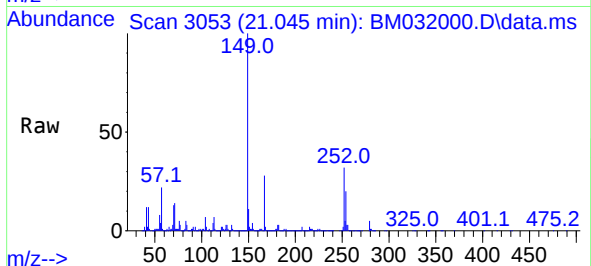
#86
Bis(2-ethylhexyl)phthalate
Concen: 51.784 ng/ul
RT: 21.045 min Scan# 3053
Delta R.T. -0.000 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36

Instrument :
BNA_M
ClientSampleId :
YAS54MS

Tgt Ion:149 Resp: 1597816
Ion Ratio Lower Upper
149 100
167 28.0 20.7 31.1
279 5.1 3.0 4.4#

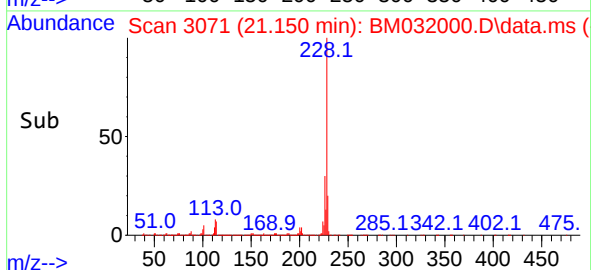
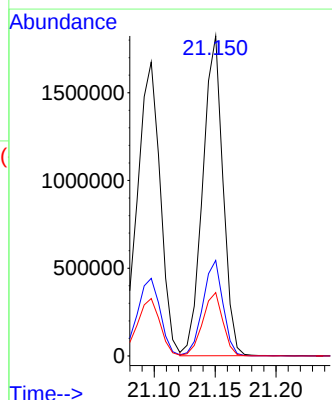
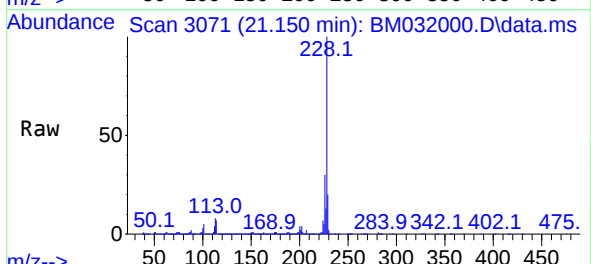
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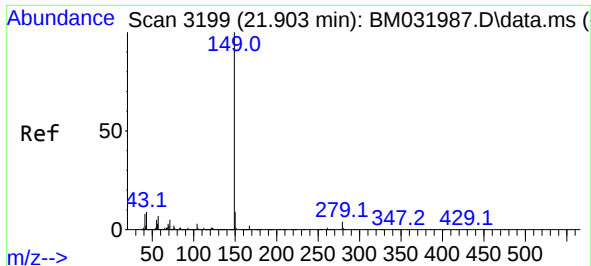
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#87
Chrysene
Concen: 43.328 ng/ul
RT: 21.150 min Scan# 3071
Delta R.T. 0.006 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36

Tgt Ion:228 Resp: 2096160
Ion Ratio Lower Upper
228 100
226 29.8 23.6 35.4
229 19.8 15.9 23.9





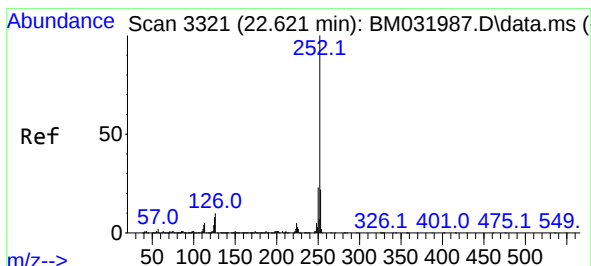
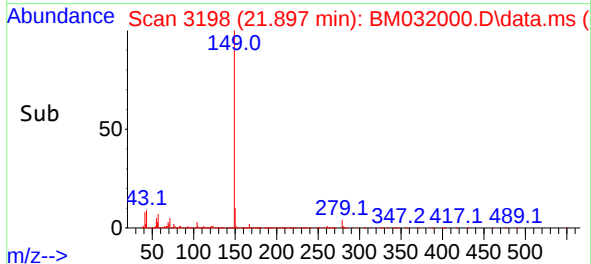
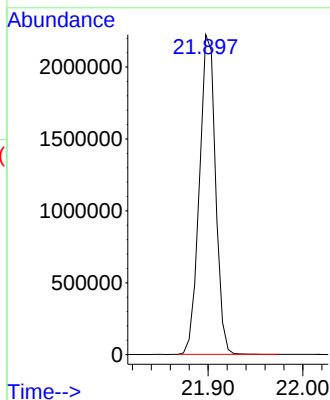
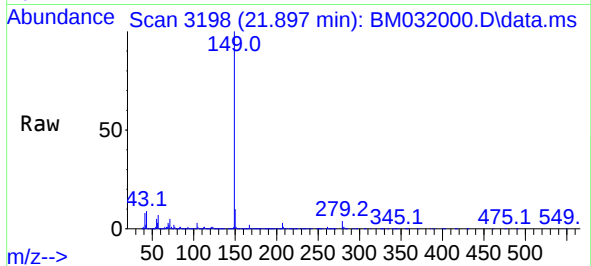
#89
Di-n-octyl phthalate
Concen: 58.677 ng/ul
RT: 21.897 min Scan# 3198
Delta R.T. -0.000 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36

Tgt Ion:149 Resp: 2634608

Instrument :
BNA_M
ClientSampleId :
YAS54MS

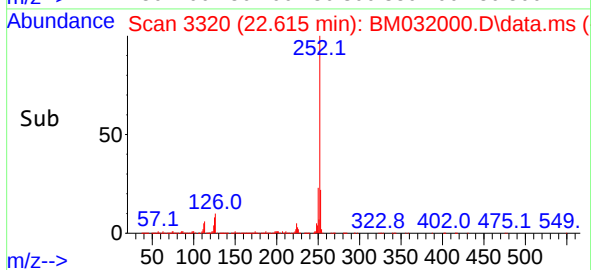
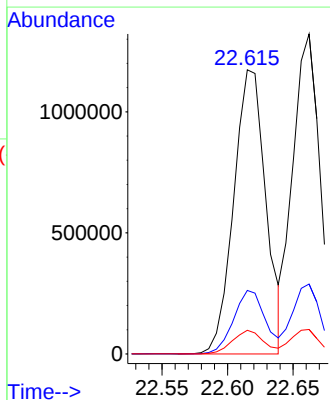
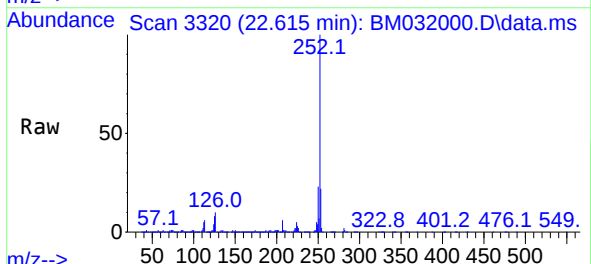
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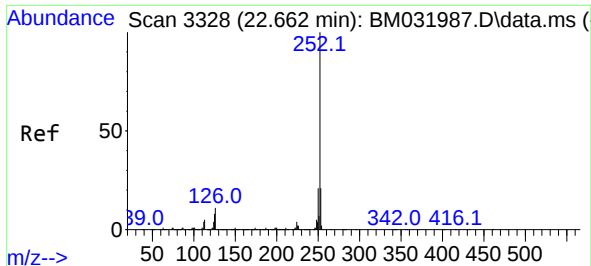
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#90
Benzo(b)fluoranthene
Concen: 47.777 ng/ul
RT: 22.615 min Scan# 3320
Delta R.T. -0.000 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36

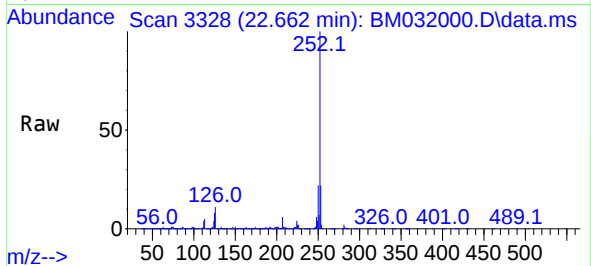
Tgt Ion:252 Resp: 2003359
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 8.4 7.7 11.5





#91
Benzo(k)fluoranthene
Concen: 47.010 ng/ul m
RT: 22.662 min Scan# 3328
Delta R.T. 0.006 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36

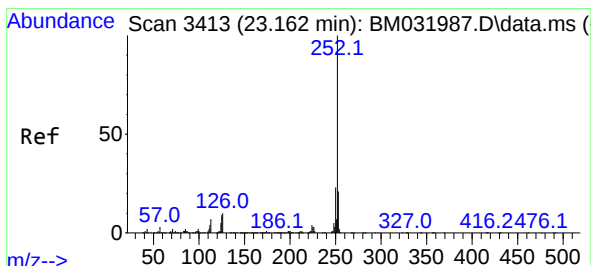
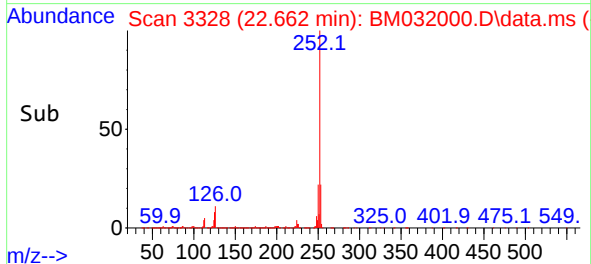
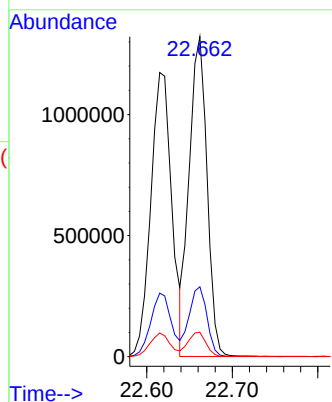
Instrument :
BNA_M
ClientSampleId :
YAS54MS



Tgt Ion:252 Resp: 1908331
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 7.7 7.9 11.9#

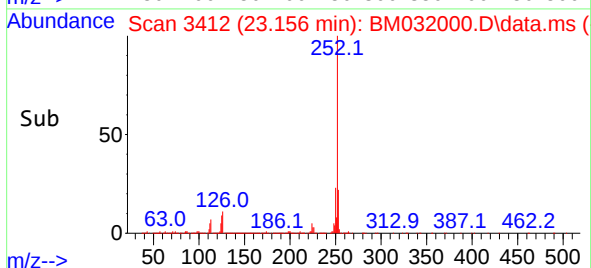
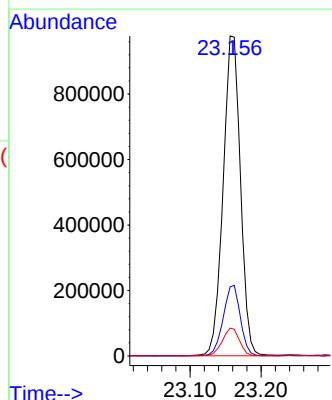
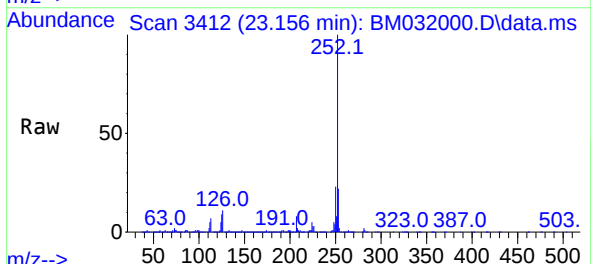
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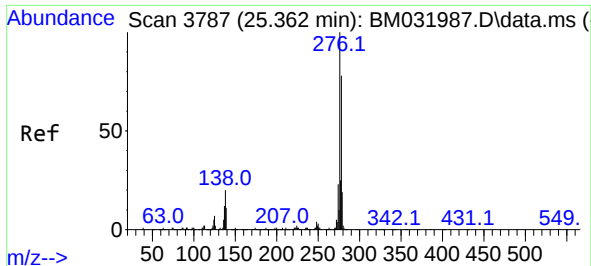
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#93
Benzo(a)pyrene
Concen: 43.619 ng/ul
RT: 23.156 min Scan# 3412
Delta R.T. 0.000 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36

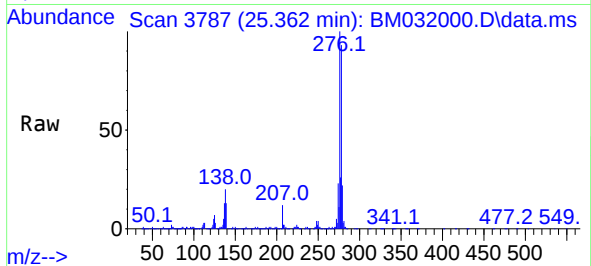
Tgt Ion:252 Resp: 1651651
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 8.7 8.6 13.0





#94
Indeno(1,2,3-cd)pyrene
Concen: 38.205 ng/ul
RT: 25.362 min Scan# 3787
Delta R.T. 0.006 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36

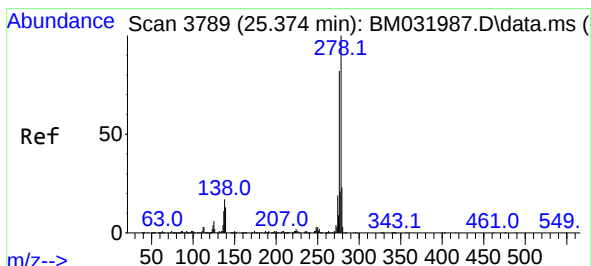
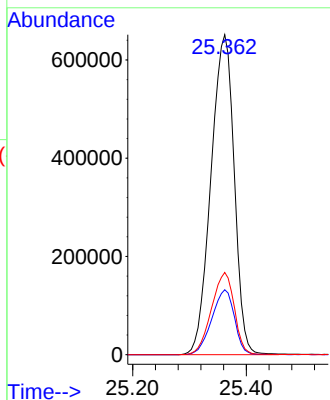
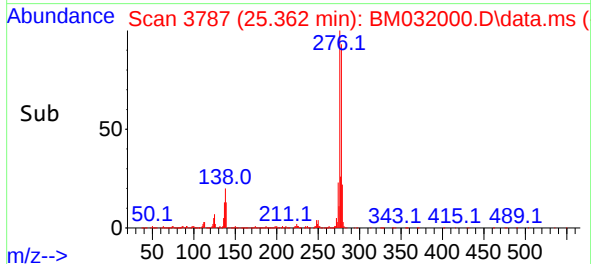
Instrument :
BNA_M
ClientSampleId :
YAS54MS



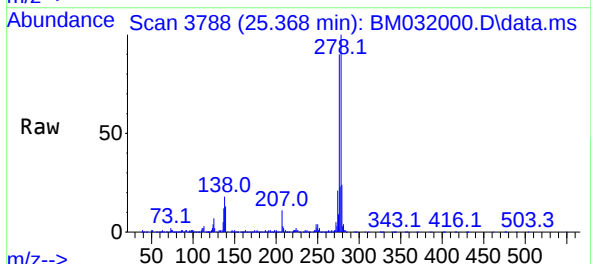
Tgt Ion:276 Resp: 1851480
Ion Ratio Lower Upper
276 100
138 20.3 19.5 29.3
277 25.7 19.6 29.4

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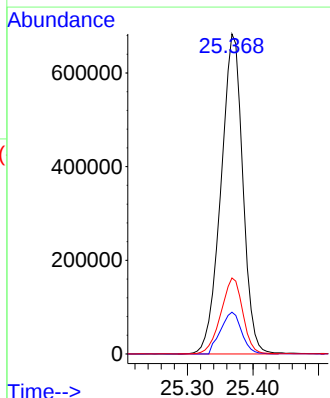
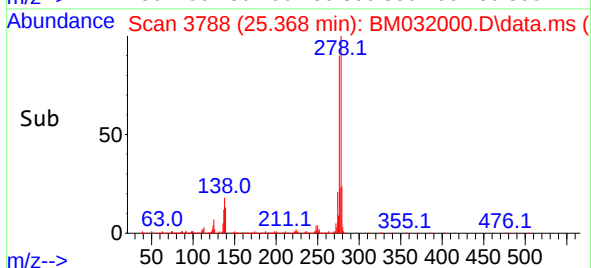
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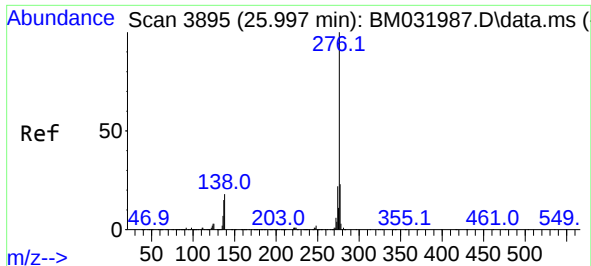


#95
Dibenzo(a,h)anthracene
Concen: 38.747 ng/ul
RT: 25.368 min Scan# 3788
Delta R.T. 0.006 min
Lab File: BM032000.D
Acq: 01 Sep 2021 00:36



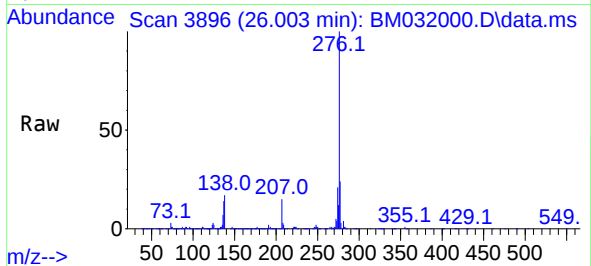
Tgt Ion:278 Resp: 1579236
Ion Ratio Lower Upper
278 100
139 13.1 12.8 19.2
279 23.8 19.1 28.7





#96
 Benzo(g,h,i)perylene
 Concen: 36.928 ng/ul
 RT: 26.003 min Scan# 3896
 Delta R.T. 0.006 min
 Lab File: BM032000.D
 Acq: 01 Sep 2021 00:36

Instrument :
 BNA_M
 ClientSampleId :
 YAS54MS



Tgt Ion:276 Resp: 1481912

Ion	Ratio	Lower	Upper
276	100		
138	16.8	16.5	24.7
277	23.9	18.5	27.7

Manual Integrations
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