

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082821\
 Data File : BM031936.D
 Acq On : 28 Aug 2021 17:30
 Operator : CG/JU
 Sample : SST04021
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST040021

Quant Time: Aug 28 23:55:49 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 28 23:51:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	83731	20.000	ng/u1	0.00
20) Naphthalene-d8	10.269	136	375389	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.151	164	289542	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.910	188	643745	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.109	240	738578	20.000	ng/u1	0.00
88) Perylene-d12	23.250	264	787688	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	27353	12.765	ng/uL	0.00
4) Pyridine-d5	3.522	84	206796	36.905	ng/u1	0.00
7) Phenol-d5	6.704	99	273996	37.450	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	159400	33.824	ng/u1	0.00
11) 2-Chlorophenol-d4	7.051	132	227254	40.485	ng/u1	0.00
15) 4-Methylphenol-d8	8.228	113	236426	40.324	ng/u1	0.00
21) Nitrobenzene-d5	8.663	128	116080	41.576	ng/u1	0.00
24) 2-Nitrophenol-d4	9.375	143	139651	45.714	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.904	165	273728	46.561	ng/u1	0.00
31) 4-Chloroaniline-d4	10.422	131	352005	42.163	ng/u1	0.00
46) Dimethylphthalate-d6	13.580	166	891281	43.969	ng/u1	0.00
49) Acenaphthylene-d8	13.839	160	1078254	42.111	ng/u1	0.00
54) 4-Nitrophenol-d4	14.392	143	160112	45.387	ng/u1	0.00
60) Fluorene-d10	15.151	176	778479	43.614	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.298	200	177530	43.008	ng/u1	0.00
73) Anthracene-d10	17.010	188	1257632	41.923	ng/u1	0.00
81) Pyrene-d10	19.309	212	1441765	35.395	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.121	264	1705199	41.939	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.163	88	30073	13.613	ng/uL#	88
5) Pyridine	3.540	79	212584	34.800	ng/u1	87
6) Benzaldehyde	6.681	77	160906	42.741	ng/u1	95
8) Phenol	6.734	94	273655	36.492	ng/u1	95
10) Bis(2-Chloroethyl)ether	6.957	93	212146	36.319	ng/u1	94
12) 2-Chlorophenol	7.081	128	224489	39.922	ng/u1	95
13) 2-Methylphenol	7.957	108	212133	38.913	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.045	45	274779	28.567	ng/u1#	91
16) Acetophenone	8.334	105	370006	40.099	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.328	70	194706	42.479	ng/u1	94
18) 4-Methylphenol	8.287	108	237908	39.771	ng/u1	94
19) Hexachloroethane	8.557	117	95430	40.330	ng/u1	94
22) Nitrobenzene	8.704	77	280159	39.026	ng/u1	97
23) Isophorone	9.228	82	533265	42.565	ng/u1#	97
25) 2-Nitrophenol	9.404	139	144638	44.161	ng/u1	94
26) 2,4-Dimethylphenol	9.469	107	283122	41.681	ng/u1	95
27) Bis(2-Chloroethoxy)met...	9.710	93	310985	39.225	ng/u1	99
29) 2,4-Dichlorophenol	9.928	162	261253	45.817	ng/u1	97
30) Naphthalene	10.316	128	766229	40.591	ng/u1	99
32) 4-Chloroaniline	10.445	127	353065	42.154	ng/u1	100
33) Hexachlorobutadiene	10.592	225	165549	42.709	ng/u1	99
34) Caprolactam	11.251	113	45116	27.352	ng/u1#	74
35) 4-Chloro-3-methylphenol	11.581	107	276220	47.799	ng/u1	100
36) 2-Methylnaphthalene	11.939	142	612249	45.490	ng/u1	99

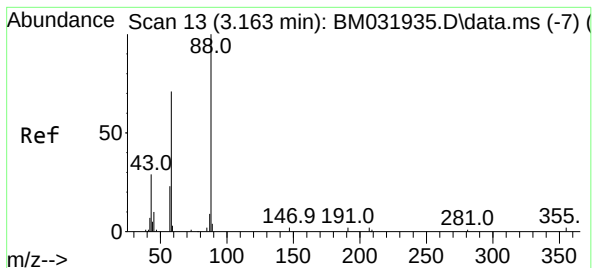
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.163	142	621165	45.528	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.316	216	339769	38.685	ng/ul	100
40) Hexachlorocyclopentadiene	12.286	237	176298	33.022	ng/ul	98
41) 2,4,6-Trichlorophenol	12.569	196	234764	42.369	ng/ul	98
42) 2,4,5-Trichlorophenol	12.645	196	254779	43.381	ng/ul	99
43) 1,1'-Biphenyl	12.975	154	827908	39.241	ng/ul	98
44) 2-Chloronaphthalene	13.016	162	650979	39.426	ng/ul	99
45) 2-Nitroaniline	13.239	65	189913	40.934	ng/ul	94
47) Dimethylphthalate	13.627	163	866912	43.654	ng/ul	99
48) 2,6-Dinitrotoluene	13.751	165	185121	48.400	ng/ul	98
50) Acenaphthylene	13.869	152	986558	41.242	ng/ul	99
51) 3-Nitroaniline	14.080	138	176090	44.066	ng/ul	94
52) Acenaphthene	14.216	153	702522	40.259	ng/ul	98
53) 2,4-Dinitrophenol	14.298	184	118181	51.852	ng/ul	94
55) 4-Nitrophenol	14.410	109	145825	48.703	ng/ul	88
56) Dibenzofuran	14.557	168	1029105	41.883	ng/ul	98
57) 2,4-Dinitrotoluene	14.551	165	275824	51.726	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	14.792	232	228481	46.788	ng/ul#	98
59) Diethylphthalate	15.004	149	900078	45.666	ng/ul	99
61) Fluorene	15.210	166	885392	43.748	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.210	204	447554	43.940	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.316	198	172831	43.371	ng/ul#	98
67) N-Nitrosodiphenylamine	15.433	169	766763	39.954	ng/ul	98
68) 4-Bromophenyl-phenylether	16.110	248	270426	39.887	ng/ul	100
69) Hexachlorobenzene	16.210	284	313639	40.760	ng/ul	97
70) Atrazine	16.404	200	289813	42.401	ng/ul	97
71) Pentachlorophenol	16.563	266	197567	42.252	ng/ul	97
72) Phenanthrene	16.951	178	1439065	41.894	ng/ul	99
74) Anthracene	17.045	178	1480981	41.962	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	12.933	216	343877	34.456	ng/uL	98
76) Pentachlorobenzene	14.469	250	362438	37.113	ng/uL	99
77) Carbazole	17.321	167	1312905	42.793	ng/ul	99
78) Di-n-butylphthalate	17.892	149	1621050	45.847	ng/ul	99
80) Fluoranthene	18.974	202	1746704	34.776	ng/ul	96
82) Pyrene	19.339	202	1825080	35.060	ng/ul	95
83) Butylbenzylphthalate	20.262	149	770222	43.285	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.039	252	704837	52.298	ng/ul	98
85) Benzo(a)anthracene	21.098	228	1874374	40.590	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.045	149	1247580	47.559	ng/ul#	98
87) Chrysene	21.150	228	1788383	39.361	ng/ul	99
89) Di-n-octyl phthalate	21.897	149	2126551	43.472	ng/ul	100
90) Benzo(b)fluoranthene	22.662	252	1967938	38.785	ng/ul	99
91) Benzo(k)fluoranthene	22.662	252	1967938	39.902	ng/ul#	98
93) Benzo(a)pyrene	23.162	252	1845161	41.094	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.362	276	2323094	41.601	ng/ul	94
95) Dibenzo(a,h)anthracene	25.374	278	1963637	41.938	ng/ul#	96
96) Benzo(g,h,i)perylene	26.003	276	1900417	42.447	ng/ul	96

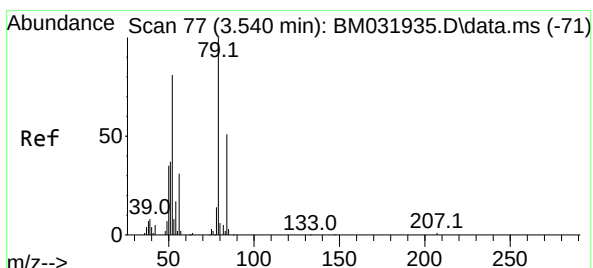
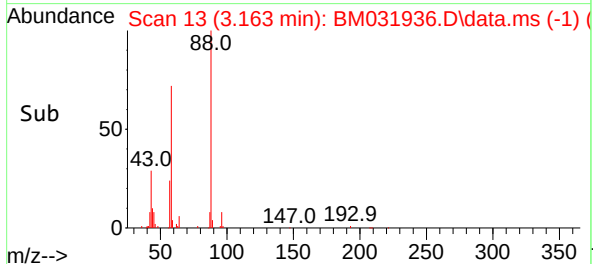
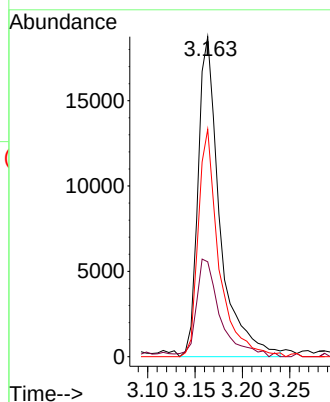
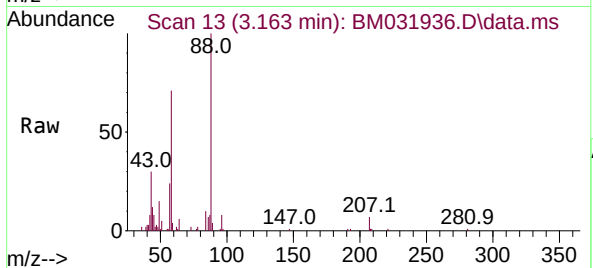
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#2
1,4-Dioxane
Concen: 13.613 ng/uL
RT: 3.163 min Scan# 13
Delta R.T. 0.000 min
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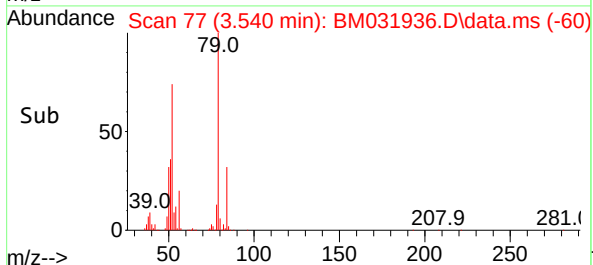
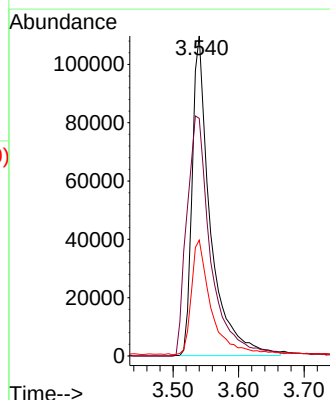
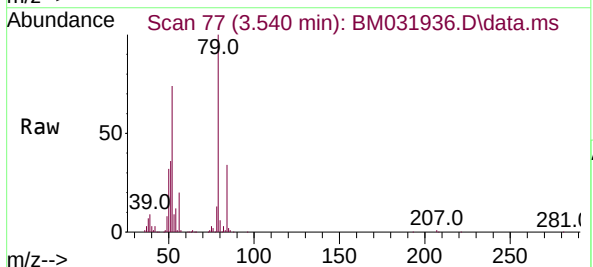
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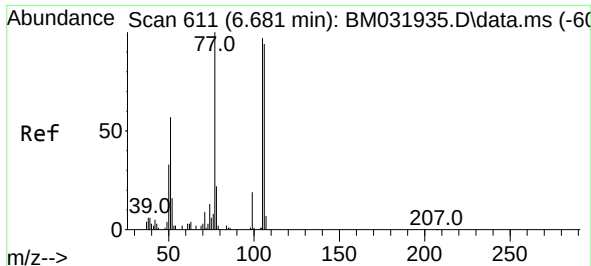
Tgt Ion: 88 Resp: 30073
Ion Ratio Lower Upper
88 100
43 29.7 31.5 47.3#
58 71.0 64.1 96.1



#5
Pyridine
Concen: 34.800 ng/uL
RT: 3.540 min Scan# 77
Delta R.T. 0.000 min
Lab File: BM031936.D
Acq: 28 Aug 2021 17:30

Tgt Ion: 79 Resp: 212584
Ion Ratio Lower Upper
79 100
52 74.3 69.9 104.9
51 36.2 33.8 50.6

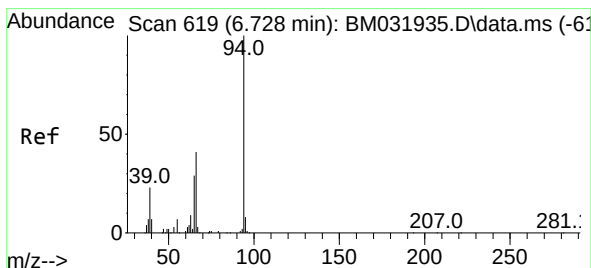
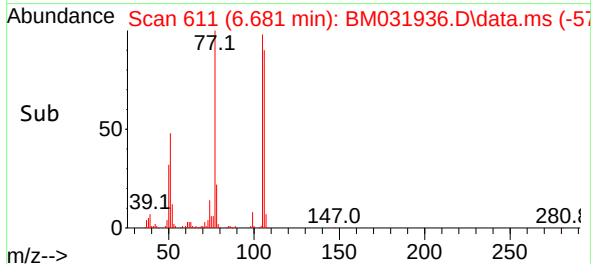
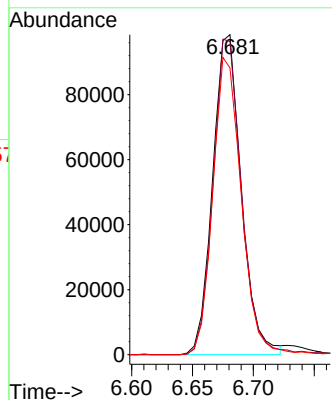
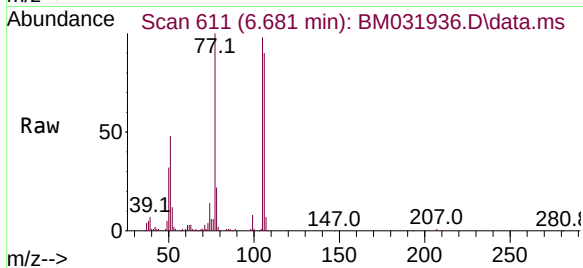




#6
Benzaldehyde
Concen: 42.741 ng/ul
RT: 6.681 min Scan# 611
Delta R.T. 0.000 min
Lab File: BM031936.D
Acq: 28 Aug 2021 17:30

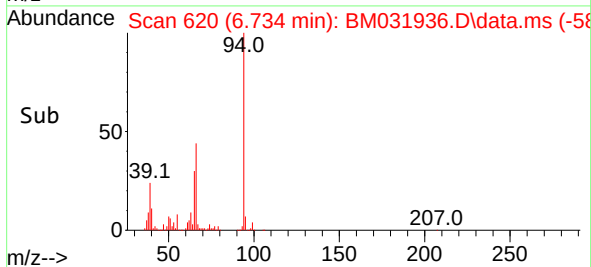
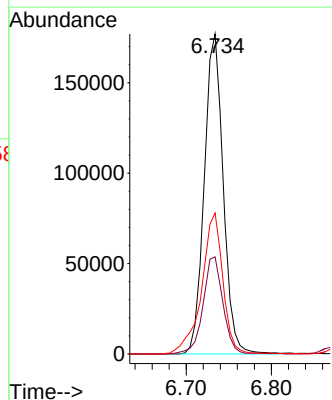
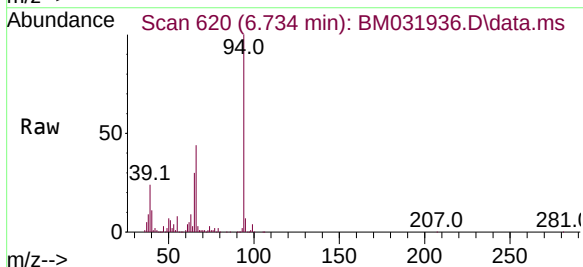
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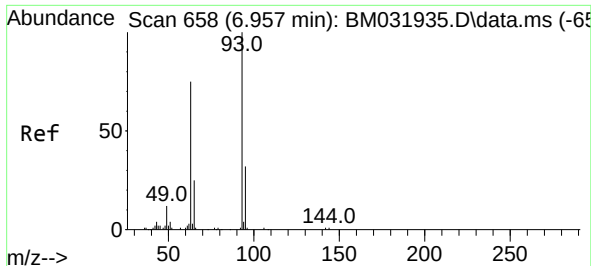
Tgt Ion: 77 Resp: 160906
Ion Ratio Lower Upper
77 100
105 97.9 82.2 123.4
106 89.6 75.0 112.4



#8
Phenol
Concen: 36.492 ng/ul
RT: 6.734 min Scan# 620
Delta R.T. 0.006 min
Lab File: BM031936.D
Acq: 28 Aug 2021 17:30

Tgt Ion: 94 Resp: 273655
Ion Ratio Lower Upper
94 100
65 30.3 24.2 36.4
66 44.0 31.4 47.0

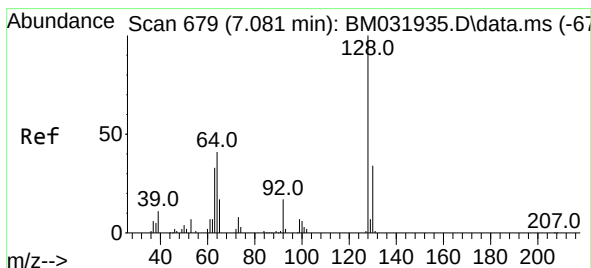
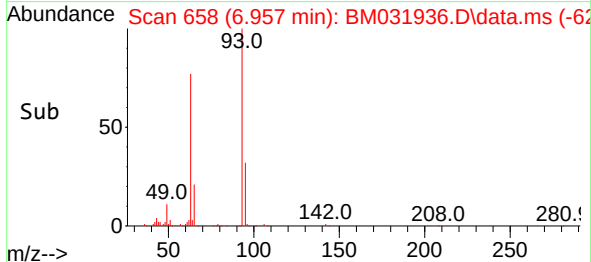
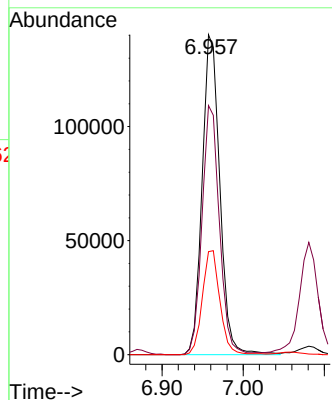
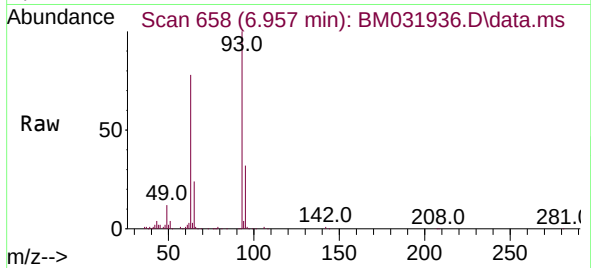




#10
Bis(2-Chloroethyl)ether
Concen: 36.319 ng/ul
RT: 6.957 min Scan# 658
Delta R.T. 0.000 min
Lab File: BM031936.D
Acq: 28 Aug 2021 17:30

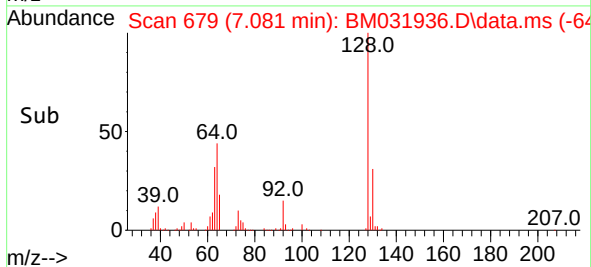
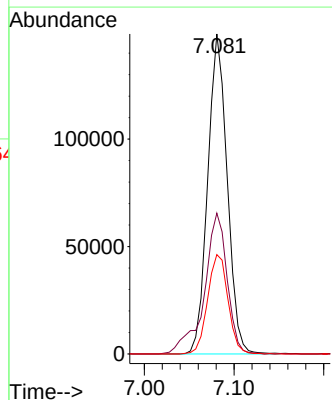
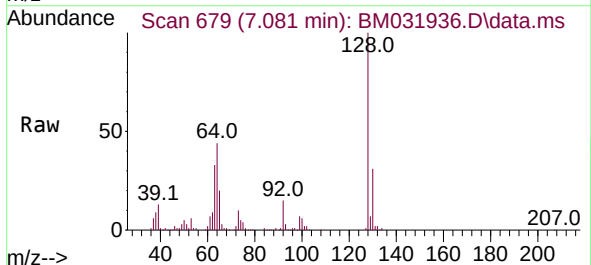
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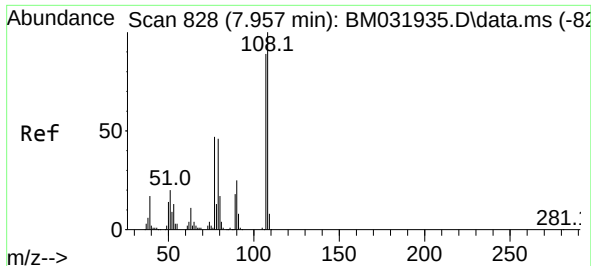
Tgt Ion: 93 Resp: 212146
Ion Ratio Lower Upper
93 100
63 77.8 68.0 102.0
95 32.2 25.8 38.6



#12
2-Chlorophenol
Concen: 39.922 ng/ul
RT: 7.081 min Scan# 679
Delta R.T. 0.000 min
Lab File: BM031936.D
Acq: 28 Aug 2021 17:30

Tgt Ion:128 Resp: 224489
Ion Ratio Lower Upper
128 100
64 44.0 39.2 58.8
130 31.0 25.3 37.9

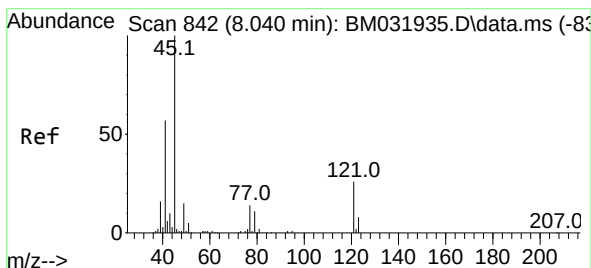
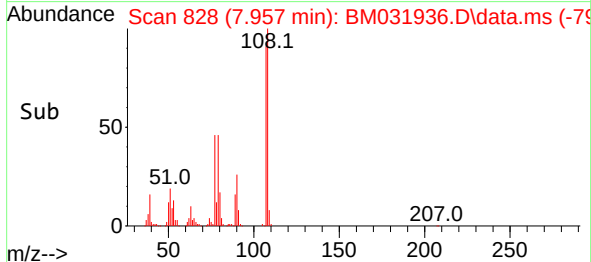
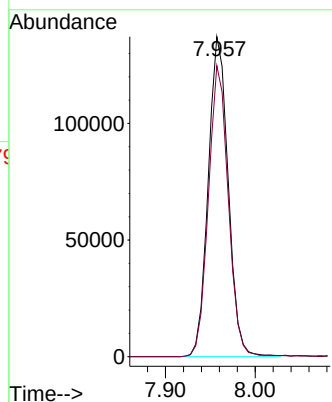
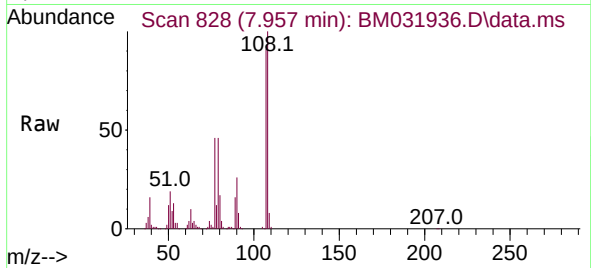




#13
2-Methylphenol
Concen: 38.913 ng/ul
RT: 7.957 min Scan# 828
Delta R.T. 0.000 min
Lab File: BM031936.D
Acq: 28 Aug 2021 17:30

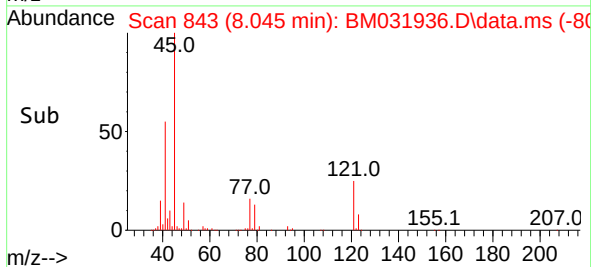
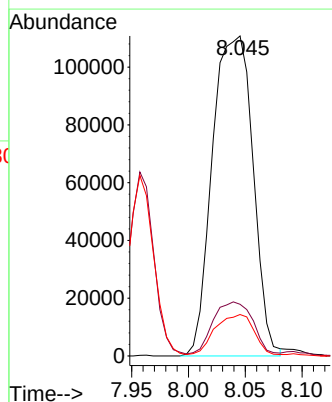
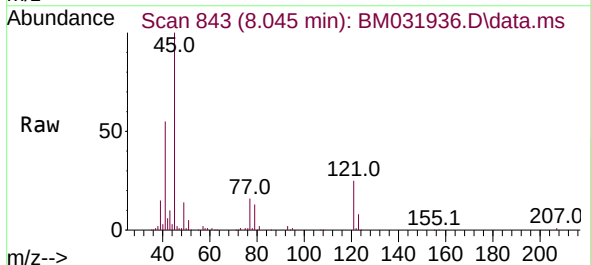
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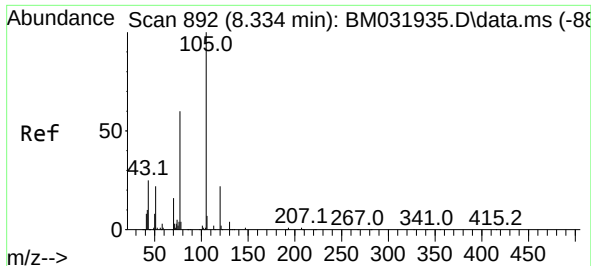
Tgt Ion:108 Resp: 212133
Ion Ratio Lower Upper
108 100
107 90.9 70.6 105.8



#14
2,2'-oxybis(1-Chloropropane)
Concen: 28.567 ng/ul
RT: 8.045 min Scan# 843
Delta R.T. 0.006 min
Lab File: BM031936.D
Acq: 28 Aug 2021 17:30

Tgt Ion: 45 Resp: 274779
Ion Ratio Lower Upper
45 100
77 16.2 10.2 15.4#
79 13.0 7.8 11.8#

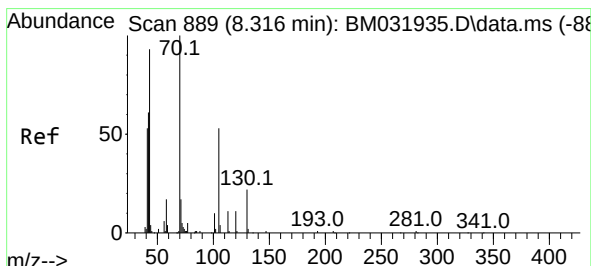
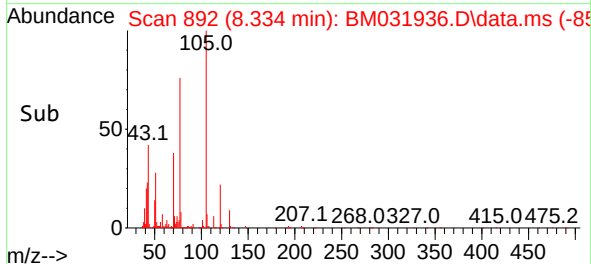
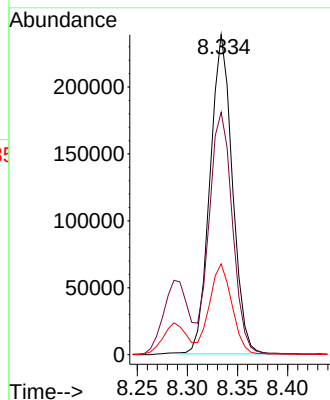
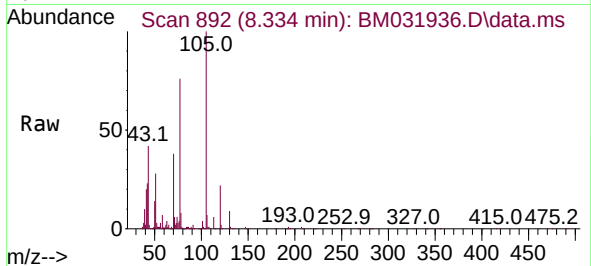




#16
Acetophenone
Concen: 40.099 ng/ul
RT: 8.334 min Scan# 892
Delta R.T. 0.000 min
Lab File: BM031936.D
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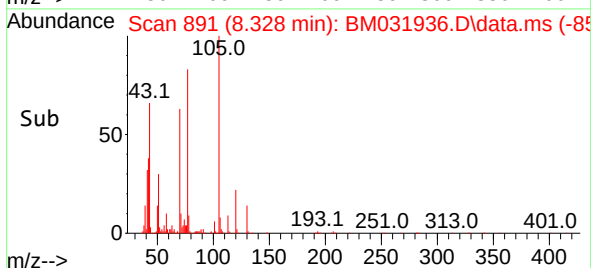
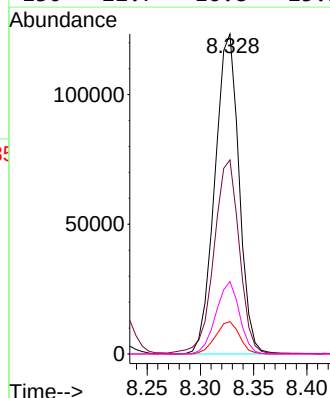
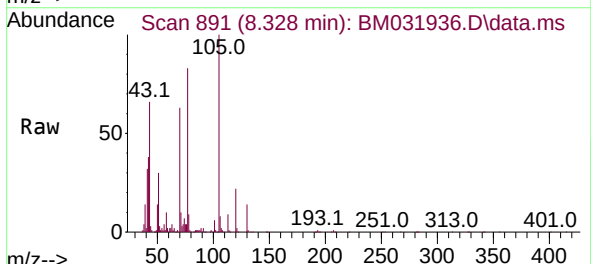
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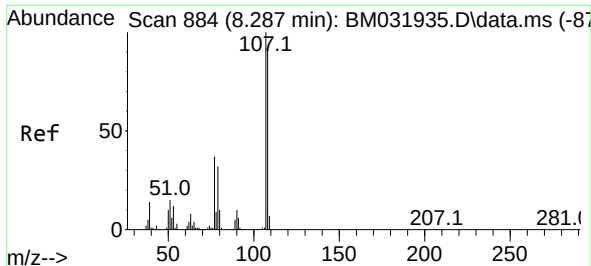
Tgt Ion:105 Resp: 370006
Ion Ratio Lower Upper
105 100
77 75.7 63.7 95.5
51 28.4 25.4 38.0



#17
N-Nitroso-di-n-propylamine
Concen: 42.479 ng/ul
RT: 8.328 min Scan# 891
Delta R.T. 0.012 min
Lab File: BM031936.D
Acq: 28 Aug 2021 17:30

Tgt Ion: 70 Resp: 194706
Ion Ratio Lower Upper
70 100
42 60.7 53.4 80.0
101 10.1 7.4 11.0
130 22.7 16.8 25.2

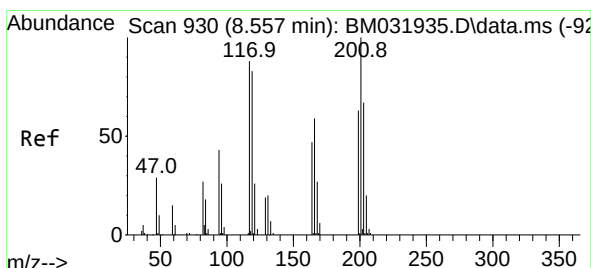
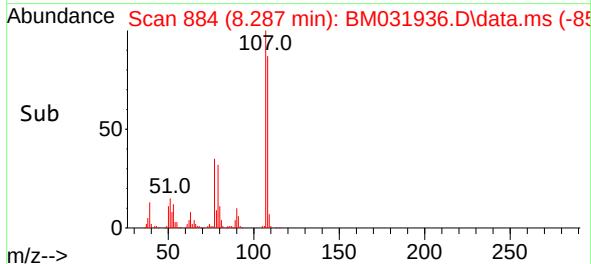
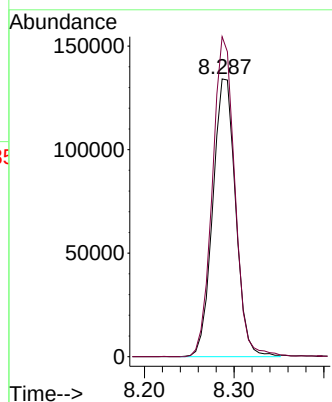
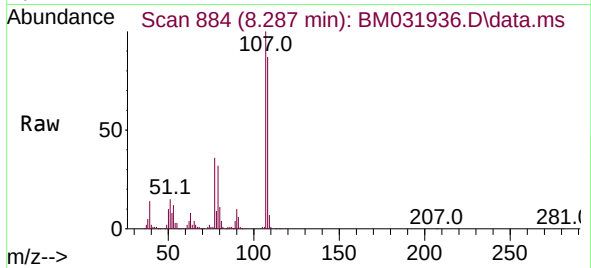




#18
4-Methylphenol
Concen: 39.771 ng/ul
RT: 8.287 min Scan# 884
Delta R.T. 0.000 min
Lab File: BM031936.D
Acq: 28 Aug 2021 17:30

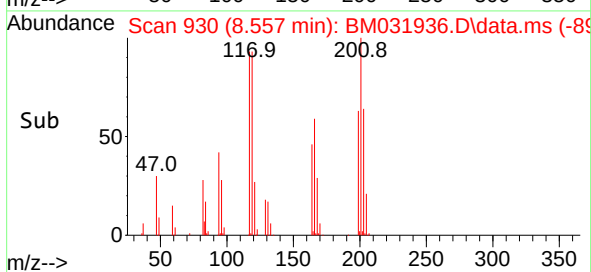
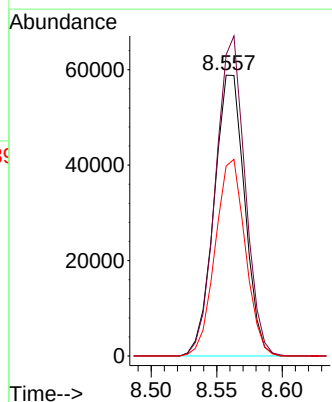
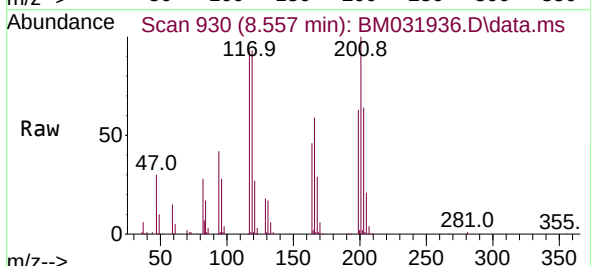
Instrument :
BNA_M
ClientSampleId :
SSTD040021

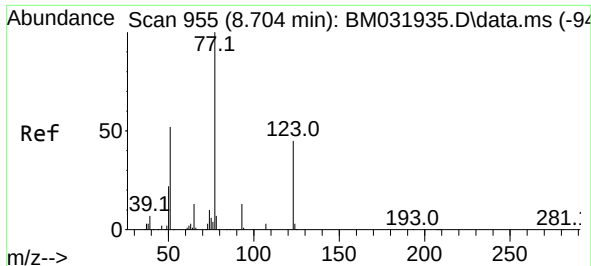
Tgt Ion:108 Resp: 237908
Ion Ratio Lower Upper
108 100
107 115.2 87.0 130.6



#19
Hexachloroethane
Concen: 40.330 ng/ul
RT: 8.557 min Scan# 930
Delta R.T. 0.000 min
Lab File: BM031936.D
Acq: 28 Aug 2021 17:30

Tgt Ion:117 Resp: 95430
Ion Ratio Lower Upper
117 100
201 107.3 80.1 120.1
199 67.7 50.8 76.2

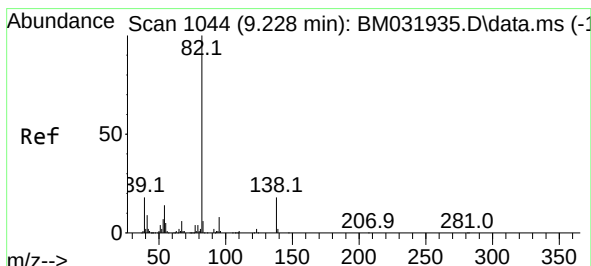
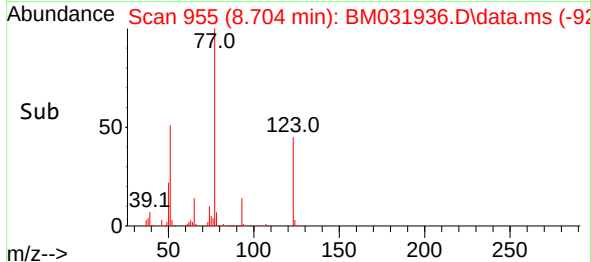
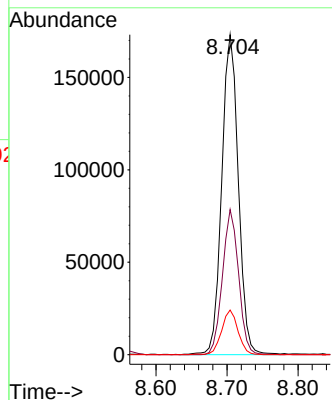
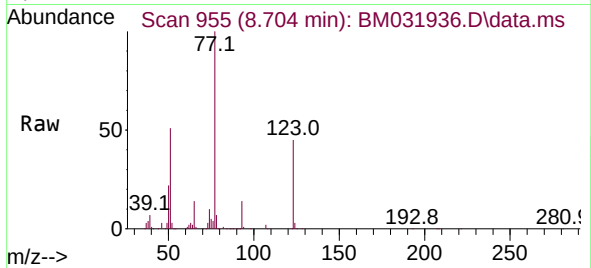




#22
Nitrobenzene
Concen: 39.026 ng/ul
RT: 8.704 min Scan# 955
Delta R.T. 0.000 min
Lab File: BM031936.D
Acq: 28 Aug 2021 17:30

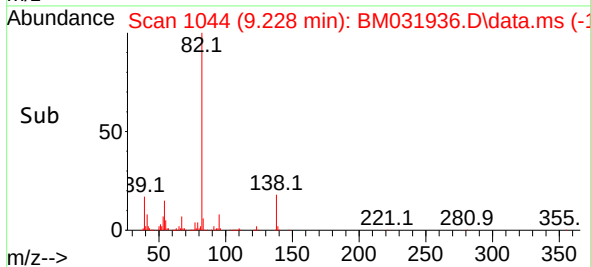
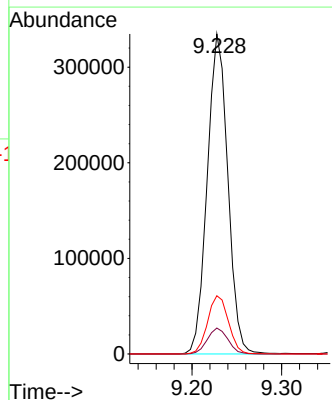
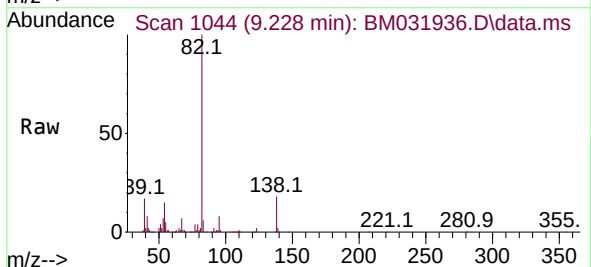
Instrument :
BNA_M
ClientSampleId :
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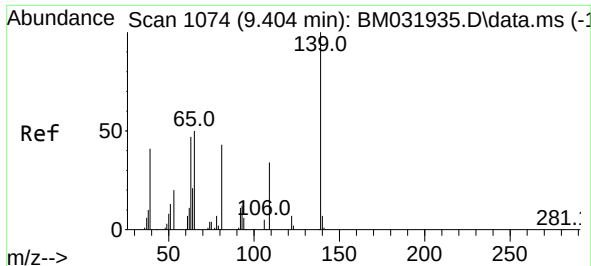
Tgt Ion: 77 Resp: 280159
Ion Ratio Lower Upper
77 100
123 45.3 34.8 52.2
65 14.0 10.4 15.6



#23
Isophorone
Concen: 42.565 ng/ul
RT: 9.228 min Scan# 1044
Delta R.T. 0.000 min
Lab File: BM031936.D
Acq: 28 Aug 2021 17:30

Tgt Ion: 82 Resp: 533265
Ion Ratio Lower Upper
82 100
95 8.1 5.3 7.9#
138 18.2 13.6 20.4

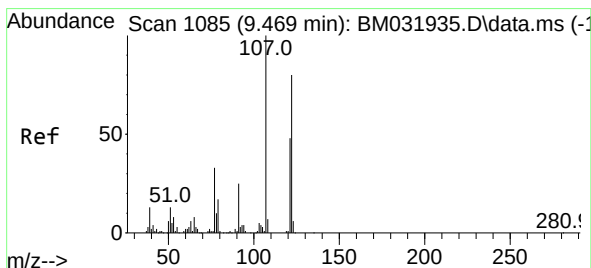
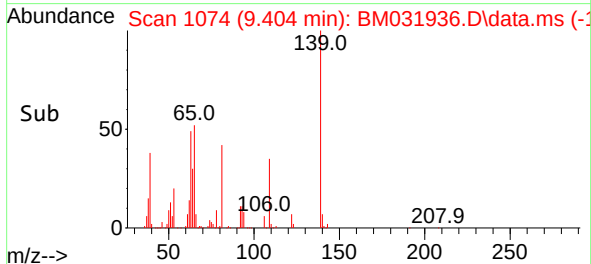
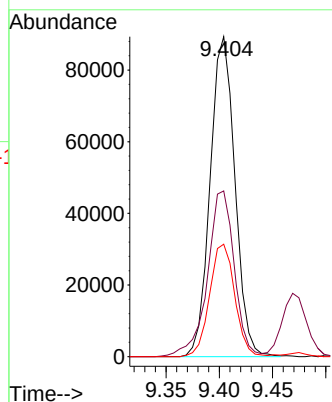
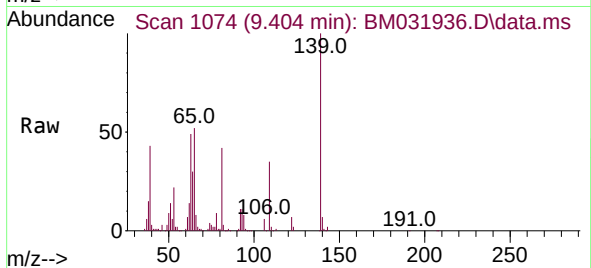




#25
2-Nitrophenol
Concen: 44.161 ng/ul
RT: 9.404 min Scan# 1074
Delta R.T. 0.000 min
Lab File: BM031936.D
Acq: 28 Aug 2021 17:30

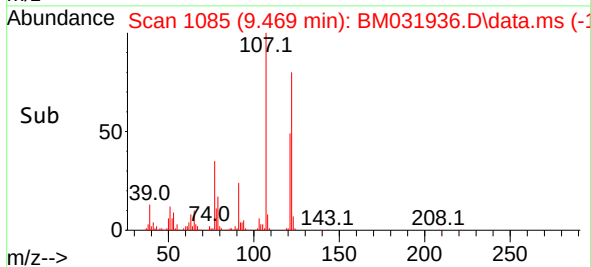
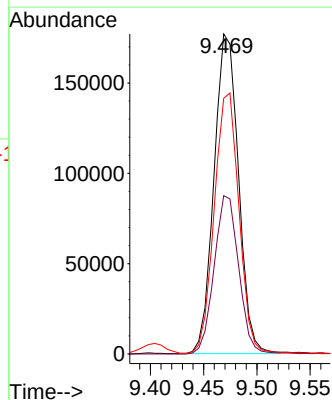
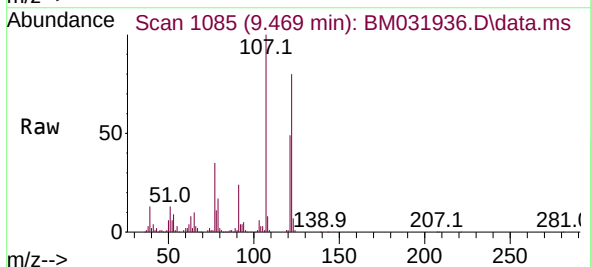
Instrument :
BNA_M
ClientSampleId :
SSTD040021

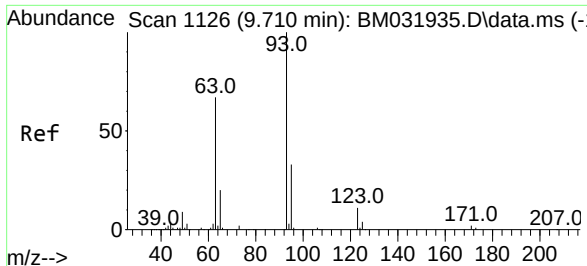
Tgt Ion:139 Resp: 144638
Ion Ratio Lower Upper
139 100
65 51.8 43.7 65.5
109 35.1 24.0 36.0



#26
2,4-Dimethylphenol
Concen: 41.681 ng/ul
RT: 9.469 min Scan# 1085
Delta R.T. 0.000 min
Lab File: BM031936.D
Acq: 28 Aug 2021 17:30

Tgt Ion:107 Resp: 283122
Ion Ratio Lower Upper
107 100
121 49.4 41.0 61.6
122 79.9 68.2 102.2



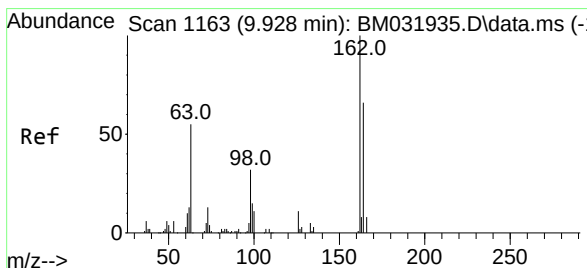
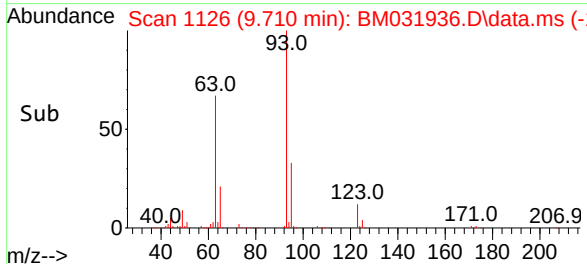
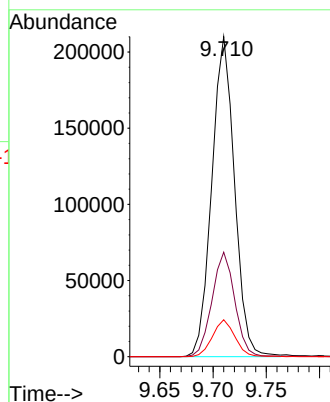
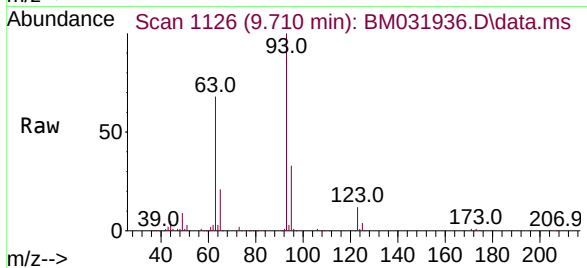


#27

Bis(2-Chloroethoxy)methane
 Concen: 39.225 ng/ul
 RT: 9.710 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: BM031936.D
 Acq: 28 Aug 2021 17:30

Instrument :
 BNA_M
 ClientSampleId :
 SSTD040021

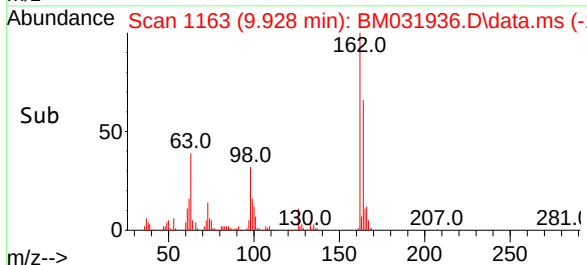
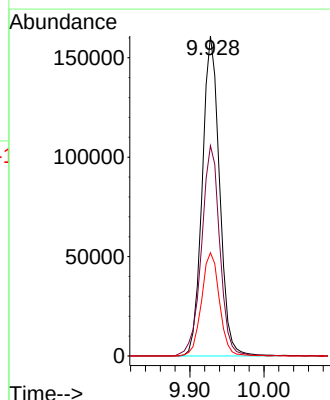
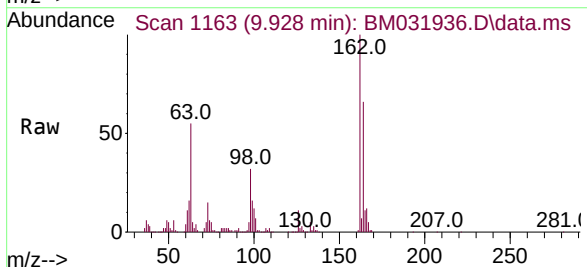
Tgt Ion: 93	Resp: 310985
Ion Ratio	Lower Upper
93 100	
95 32.7	25.9 38.9
123 11.6	8.5 12.7

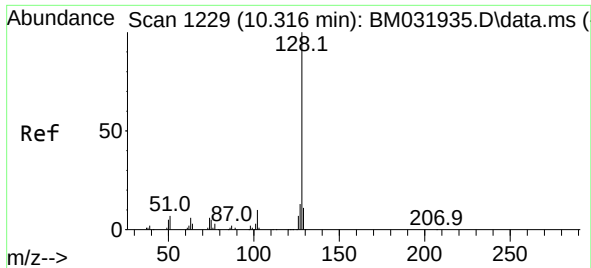


#29

2,4-Dichlorophenol
 Concen: 45.817 ng/ul
 RT: 9.928 min Scan# 1163
 Delta R.T. 0.000 min
 Lab File: BM031936.D
 Acq: 28 Aug 2021 17:30

Tgt Ion: 162	Resp: 261253
Ion Ratio	Lower Upper
162 100	
164 65.7	51.6 77.4
98 32.3	28.2 42.4

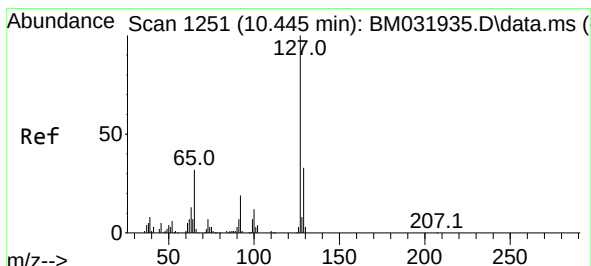
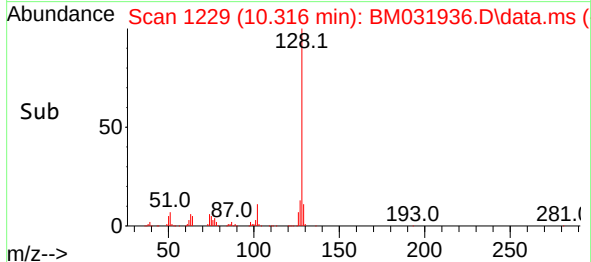
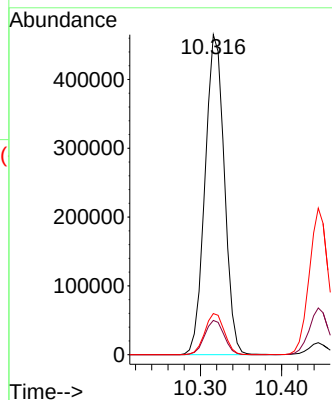
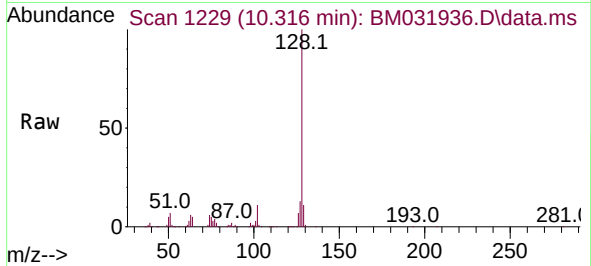




#30
Naphthalene
Concen: 40.591 ng/ul
RT: 10.316 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BM031936.D
Acq: 28 Aug 2021 17:30

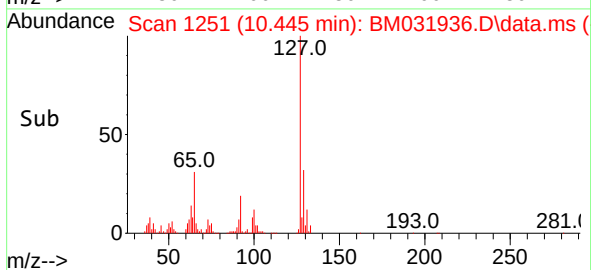
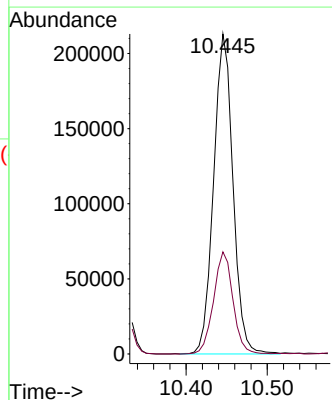
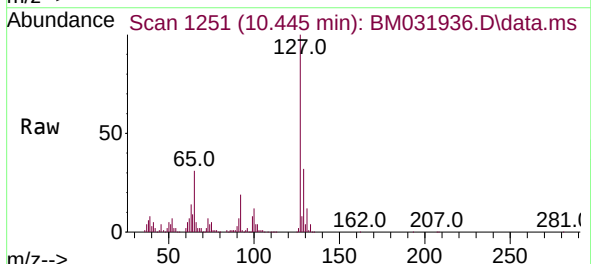
Instrument :
BNA_M
ClientSampleId :
SSTD040021

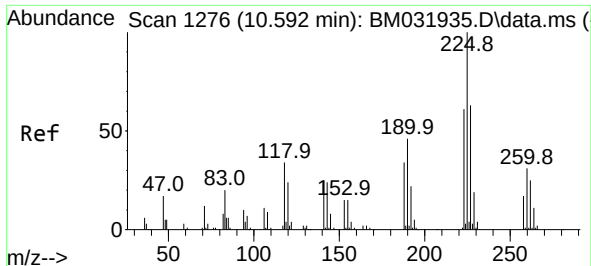
Tgt Ion:128 Resp: 766229
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.4
127 12.9 10.6 15.8



#32
4-Chloroaniline
Concen: 42.154 ng/ul
RT: 10.445 min Scan# 1251
Delta R.T. 0.000 min
Lab File: BM031936.D
Acq: 28 Aug 2021 17:30

Tgt Ion:127 Resp: 353065
Ion Ratio Lower Upper
127 100
129 31.9 25.6 38.4

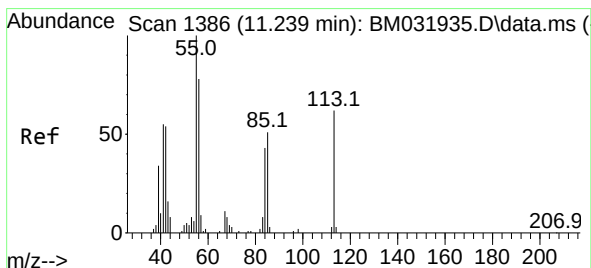
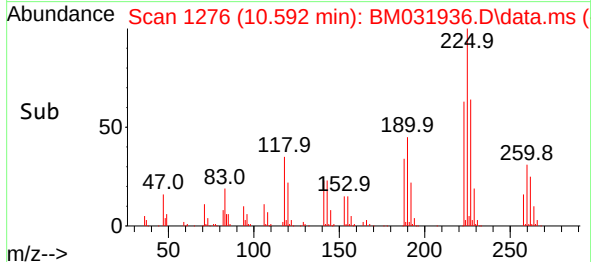
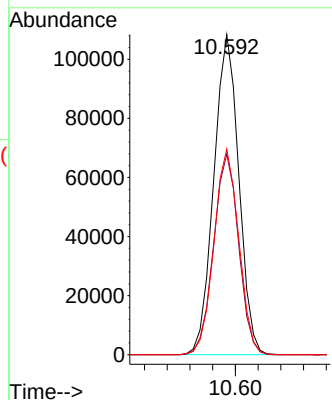
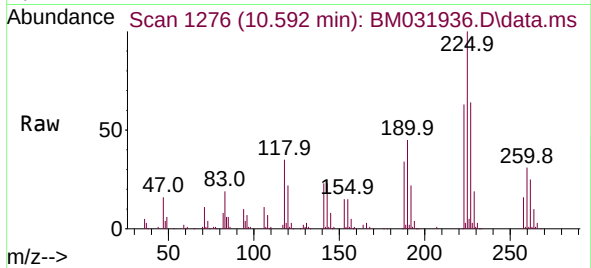




#33
Hexachlorobutadiene
Concen: 42.709 ng/ul
RT: 10.592 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BM031936.D
Acq: 28 Aug 2021 17:30

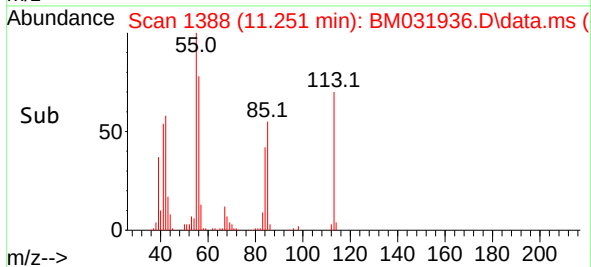
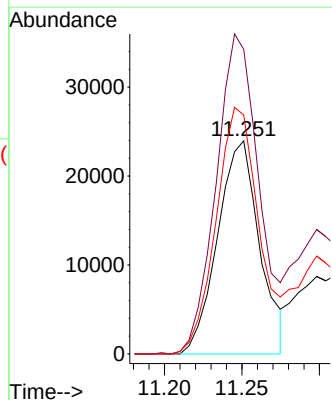
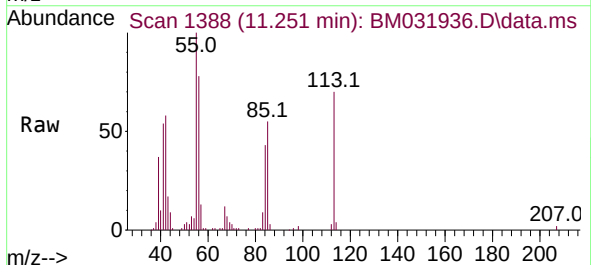
Instrument :
BNA_M
ClientSampleId :
SSTD040021

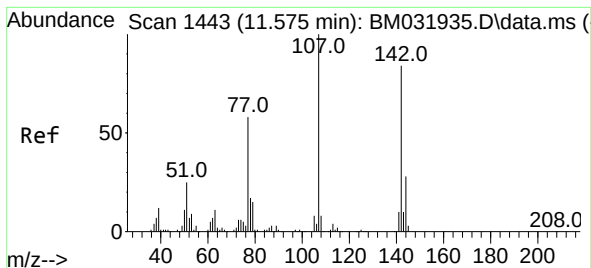
Tgt Ion:225 Resp: 165549
Ion Ratio Lower Upper
225 100
223 62.7 50.7 76.1
227 64.2 50.7 76.1



#34
Caprolactam
Concen: 27.352 ng/ul
RT: 11.251 min Scan# 1388
Delta R.T. 0.012 min
Lab File: BM031936.D
Acq: 28 Aug 2021 17:30

Tgt Ion:113 Resp: 45116
Ion Ratio Lower Upper
113 100
55 143.0 155.2 232.8#
56 112.2 101.9 152.9

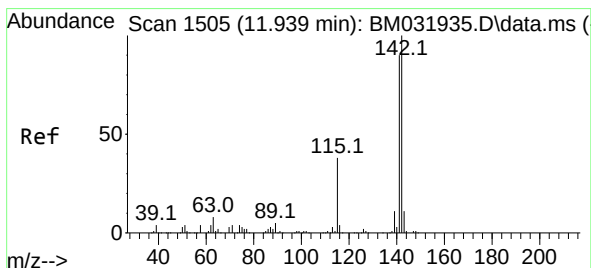
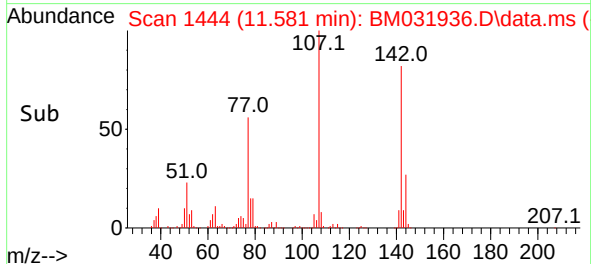
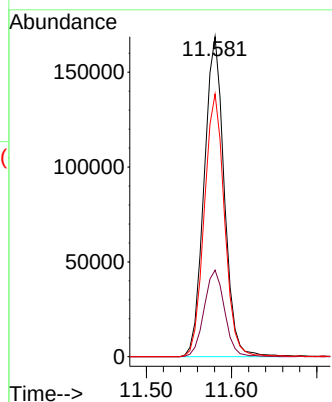
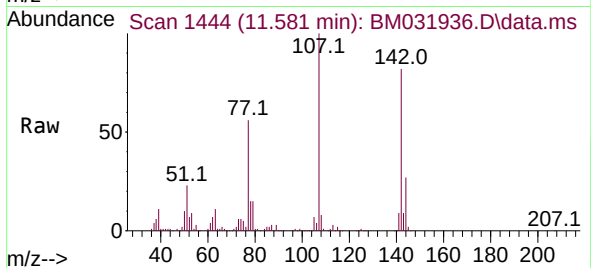




#35
4-Chloro-3-methylphenol
Concen: 47.799 ng/ul
RT: 11.581 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BM031936.D
Acq: 28 Aug 2021 17:30

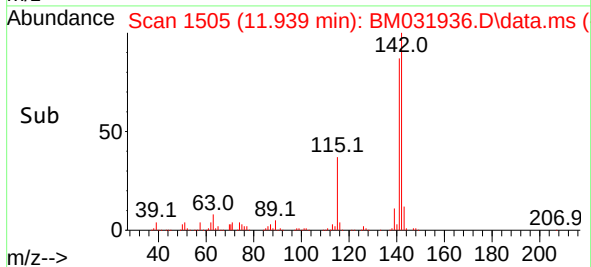
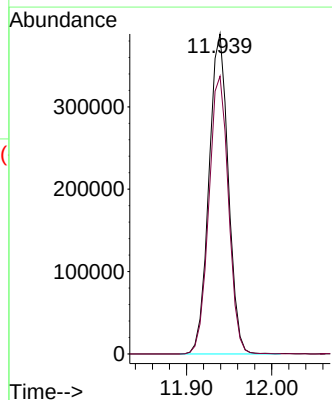
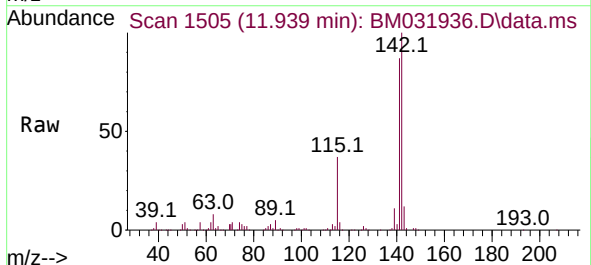
Instrument :
BNA_M
ClientSampleId :
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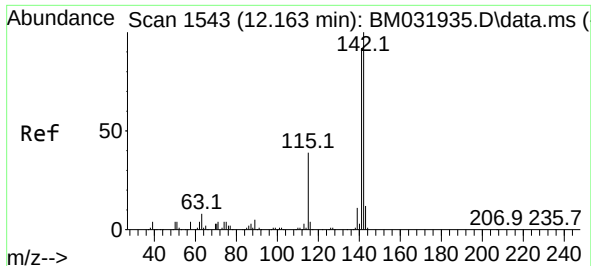
Tgt Ion:107 Resp: 276220
Ion Ratio Lower Upper
107 100
144 27.1 22.3 33.5
142 82.1 65.6 98.4



#36
2-Methylnaphthalene
Concen: 45.490 ng/ul
RT: 11.939 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BM031936.D
Acq: 28 Aug 2021 17:30

Tgt Ion:142 Resp: 612249
Ion Ratio Lower Upper
142 100
141 86.8 70.6 105.8

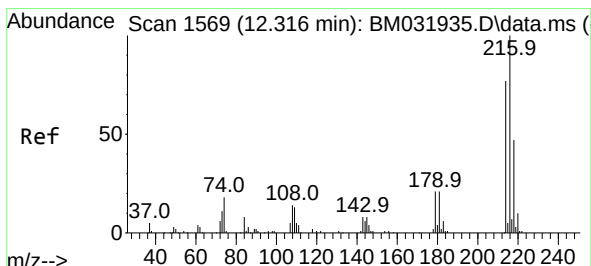
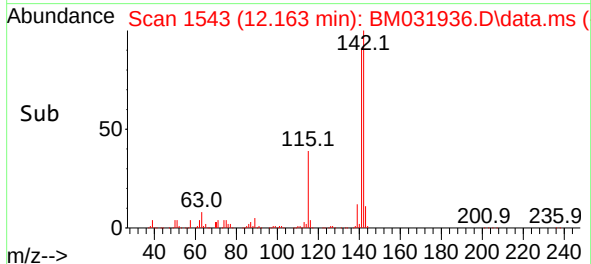
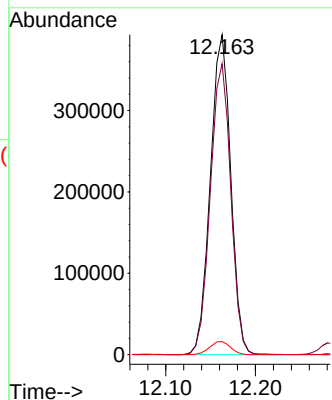
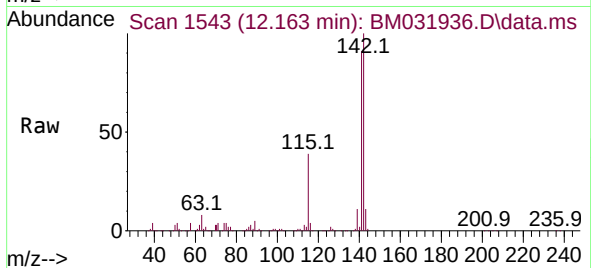




#37
1-Methylnaphthalene
Concen: 45.528 ng/ul
RT: 12.163 min Scan# 1543
Delta R.T. 0.000 min
Lab File: BM031936.D
Acq: 28 Aug 2021 17:30

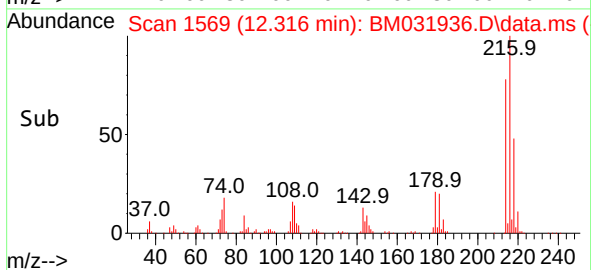
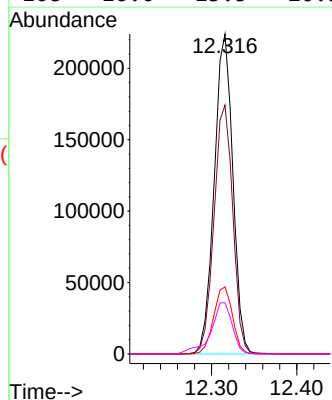
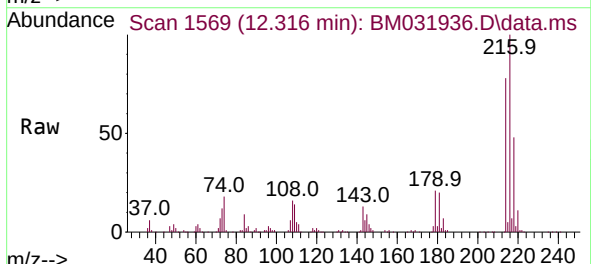
Instrument :
BNA_M
ClientSampleId :
SSTD040021

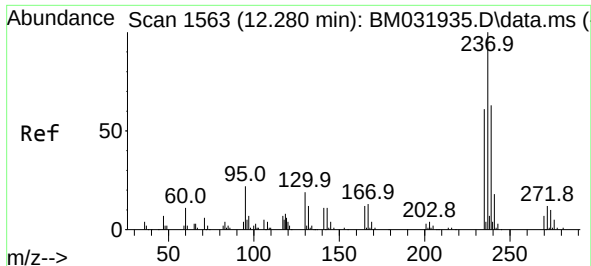
Tgt Ion:142 Resp: 621165
Ion Ratio Lower Upper
142 100
141 91.0 72.8 109.2
116 4.1 3.1 4.7



#39
1,2,4,5-Tetrachlorobenzene
Concen: 38.685 ng/ul
RT: 12.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BM031936.D
Acq: 28 Aug 2021 17:30

Tgt Ion:216 Resp: 339769
Ion Ratio Lower Upper
216 100
214 77.7 62.2 93.4
179 20.9 16.6 24.8
108 16.0 13.5 20.3

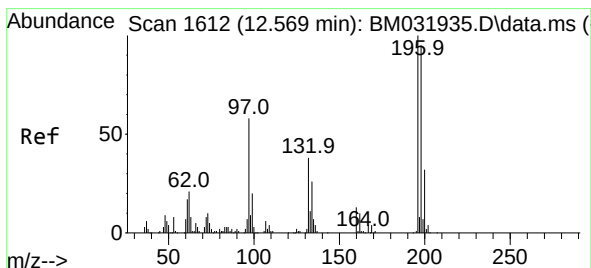
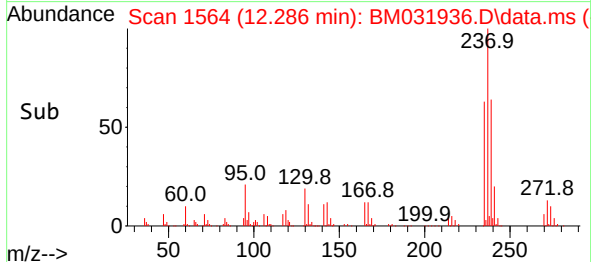
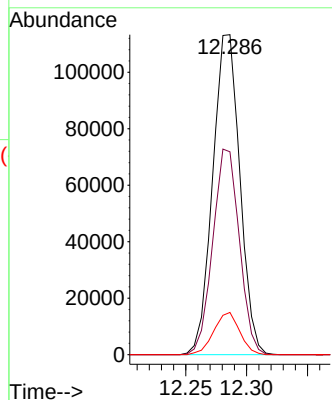
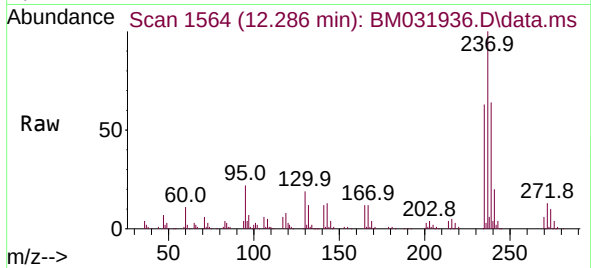




#40
Hexachlorocyclopentadiene
Concen: 33.022 ng/ul
RT: 12.286 min Scan# 1564
Delta R.T. 0.006 min
Lab File: BM031936.D
Acq: 28 Aug 2021 17:30

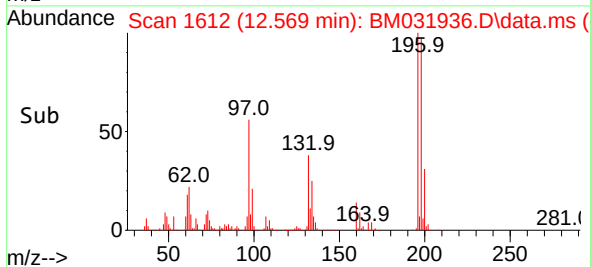
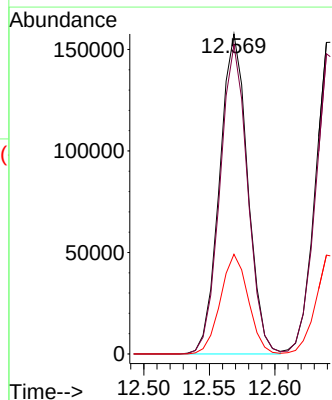
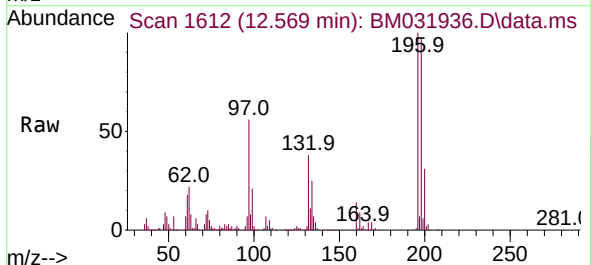
Instrument :
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ClientSampleId :
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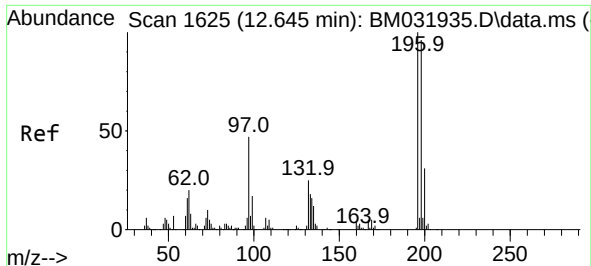
Tgt Ion:237 Resp: 176298
Ion Ratio Lower Upper
237 100
235 63.4 49.0 73.4
272 14.0 11.0 16.4



#41
2,4,6-Trichlorophenol
Concen: 42.369 ng/ul
RT: 12.569 min Scan# 1612
Delta R.T. 0.000 min
Lab File: BM031936.D
Acq: 28 Aug 2021 17:30

Tgt Ion:196 Resp: 234764
Ion Ratio Lower Upper
196 100
198 96.6 78.8 118.2
200 31.2 26.0 39.0

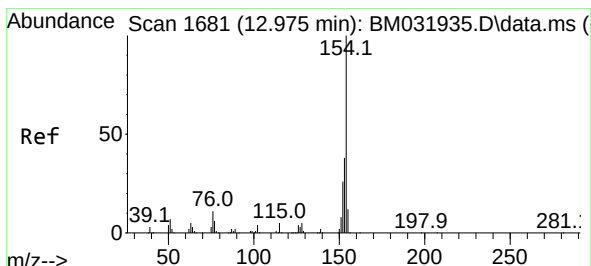
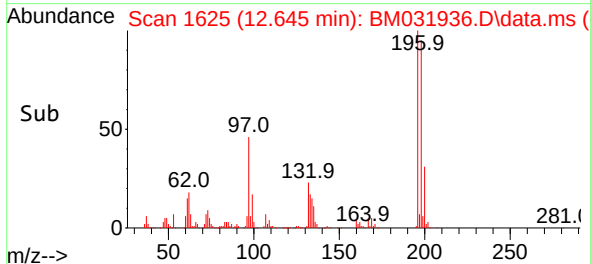
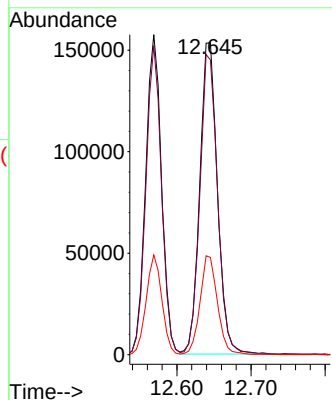
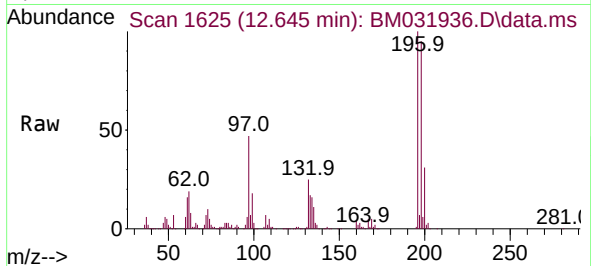




#42
2,4,5-Trichlorophenol
Concen: 43.381 ng/ul
RT: 12.645 min Scan# 1625
Delta R.T. 0.000 min
Lab File: BM031936.D
Acq: 28 Aug 2021 17:30

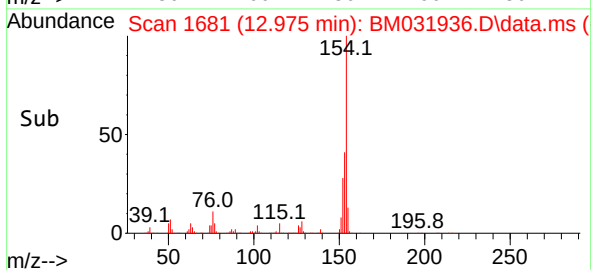
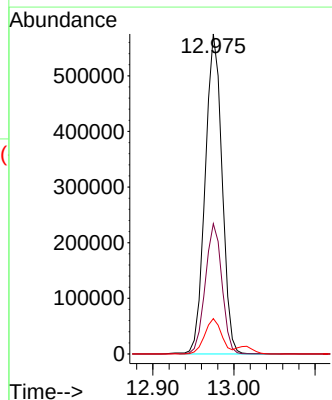
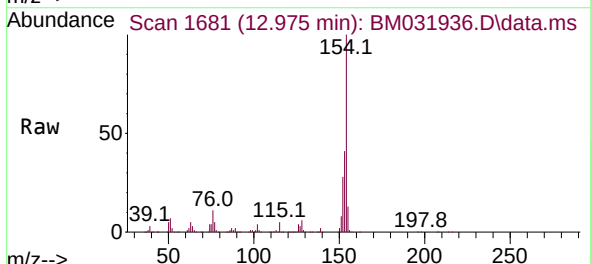
Instrument :
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ClientSampleId :
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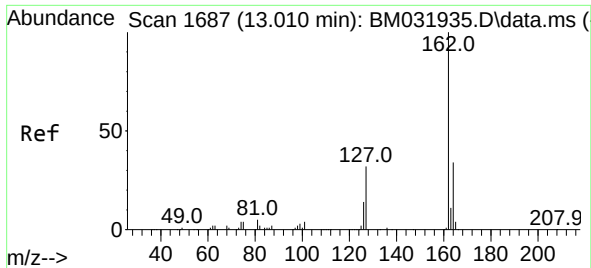
Tgt Ion:196 Resp: 254779
Ion Ratio Lower Upper
196 100
198 94.5 76.1 114.1
200 31.2 25.4 38.2



#43
1,1'-Biphenyl
Concen: 39.241 ng/ul
RT: 12.975 min Scan# 1681
Delta R.T. 0.000 min
Lab File: BM031936.D
Acq: 28 Aug 2021 17:30

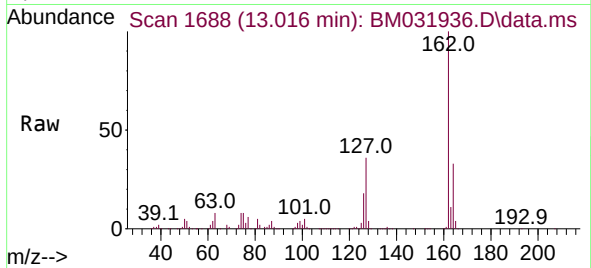
Tgt Ion:154 Resp: 827908
Ion Ratio Lower Upper
154 100
153 40.7 32.3 48.5
76 11.0 10.6 15.8



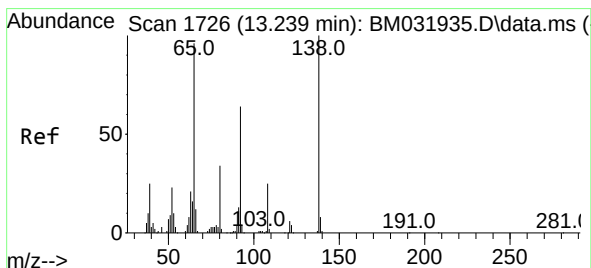
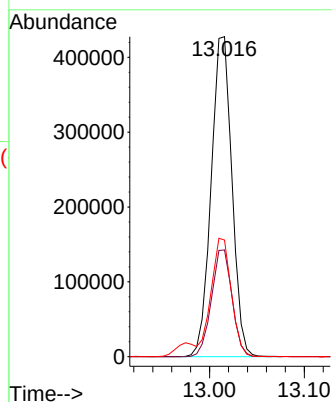
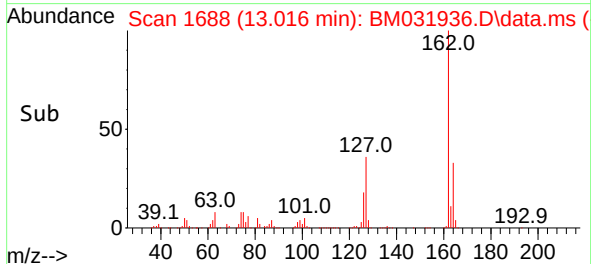


#44
2-Chloronaphthalene
Concen: 39.426 ng/ul
RT: 13.016 min Scan# 1688
Delta R.T. 0.006 min
Lab File: BM031936.D
Acq: 28 Aug 2021 17:30

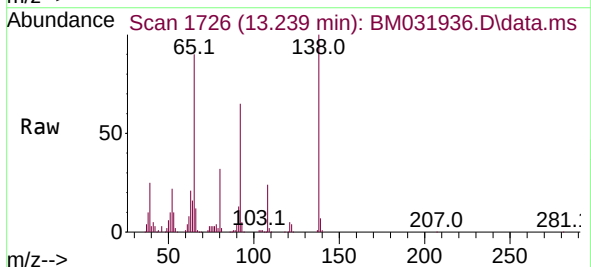
Instrument :
BNA_M
ClientSampleId :
SSTD040021



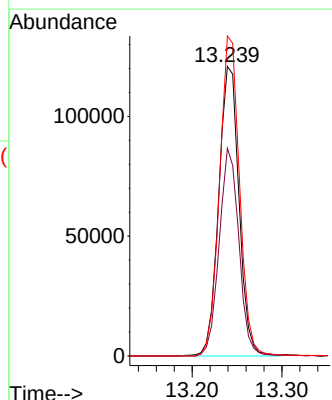
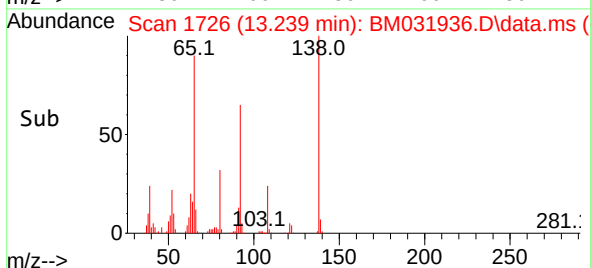
Tgt Ion:162 Resp: 650979
Ion Ratio Lower Upper
162 100
164 33.4 26.2 39.4
127 36.4 29.4 44.0

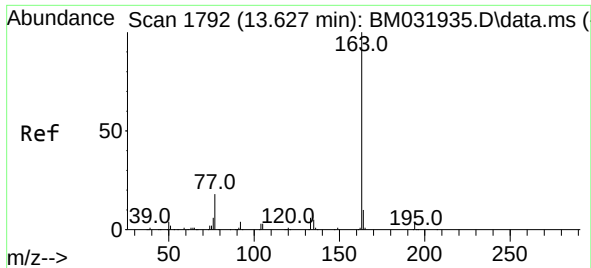


#45
2-Nitroaniline
Concen: 40.934 ng/ul
RT: 13.239 min Scan# 1726
Delta R.T. 0.000 min
Lab File: BM031936.D
Acq: 28 Aug 2021 17:30



Tgt Ion: 65 Resp: 189913
Ion Ratio Lower Upper
65 100
92 71.7 53.9 80.9
138 110.5 83.3 124.9

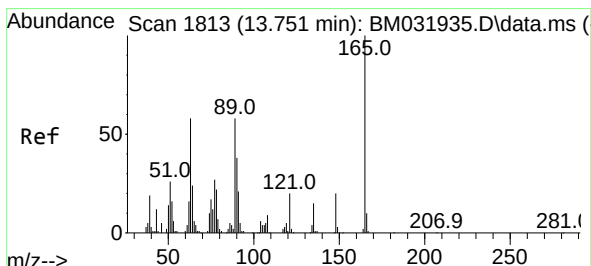
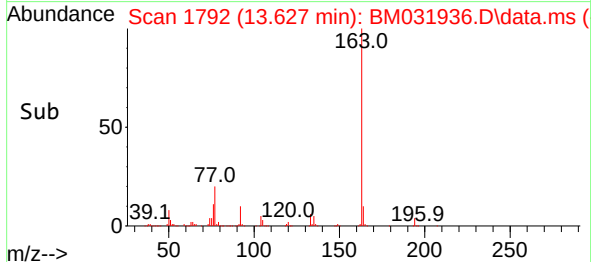
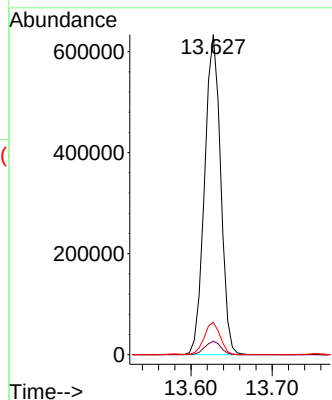
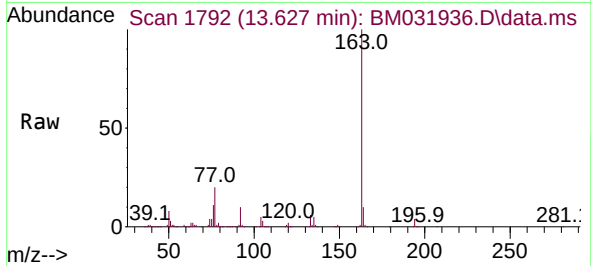




#47
Dimethylphthalate
Concen: 43.654 ng/ul
RT: 13.627 min Scan# 1792
Delta R.T. 0.000 min
Lab File: BM031936.D
Acq: 28 Aug 2021 17:30

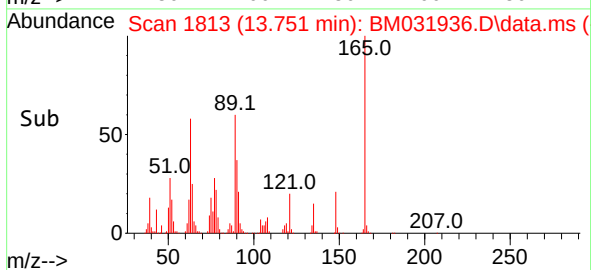
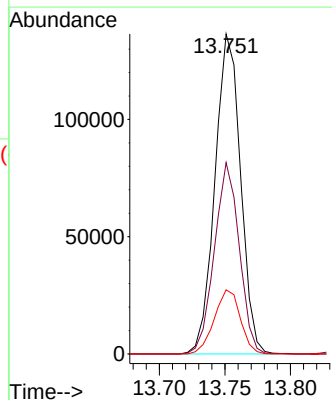
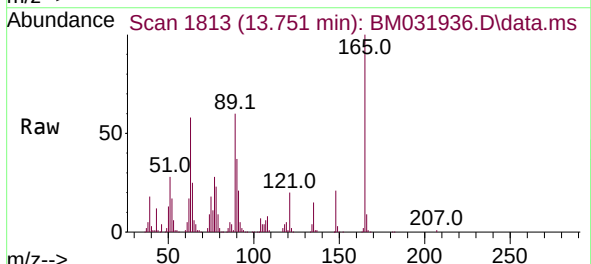
Instrument :
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ClientSampleId :
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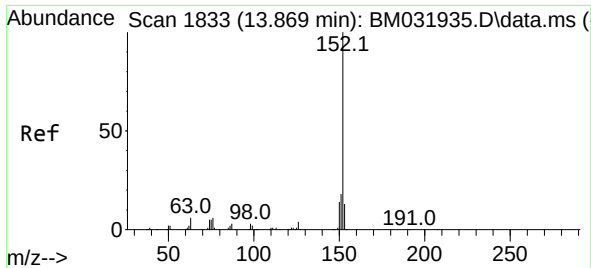
Tgt Ion:163 Resp: 866912
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 10.1 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 48.400 ng/ul
RT: 13.751 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BM031936.D
Acq: 28 Aug 2021 17:30

Tgt Ion:165 Resp: 185121
Ion Ratio Lower Upper
165 100
89 59.8 48.6 72.8
121 20.1 18.1 27.1

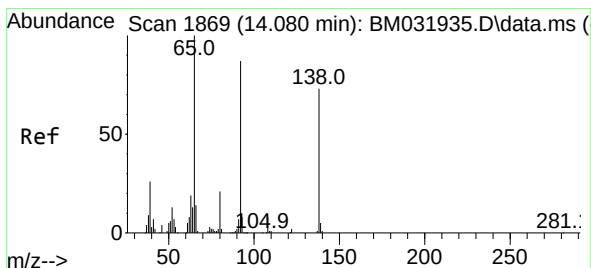
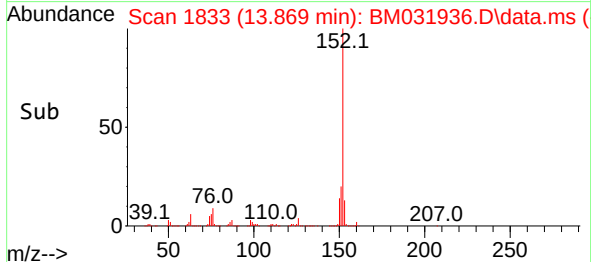
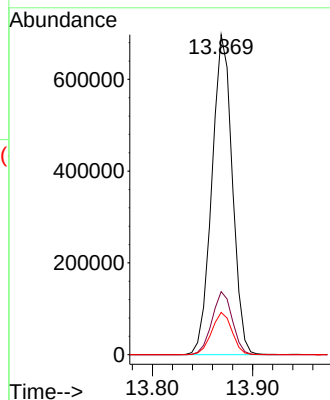
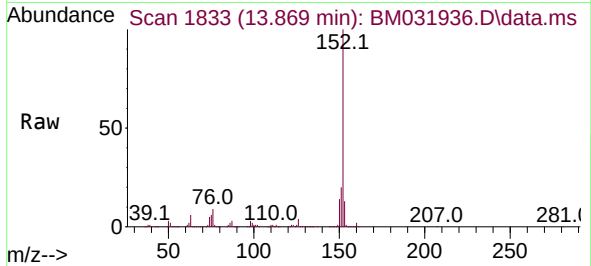




#50
Acenaphthylene
Concen: 41.242 ng/ul
RT: 13.869 min Scan# 1833
Delta R.T. 0.000 min
Lab File: BM031936.D
Acq: 28 Aug 2021 17:30

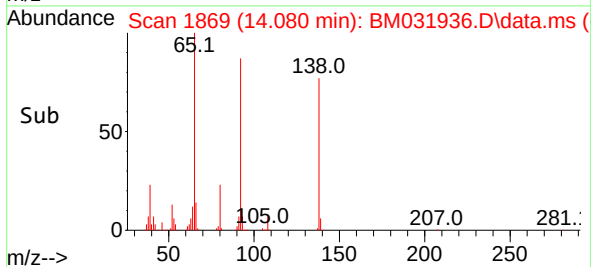
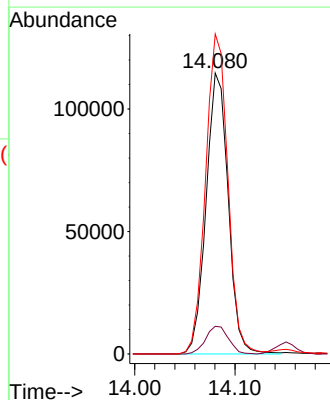
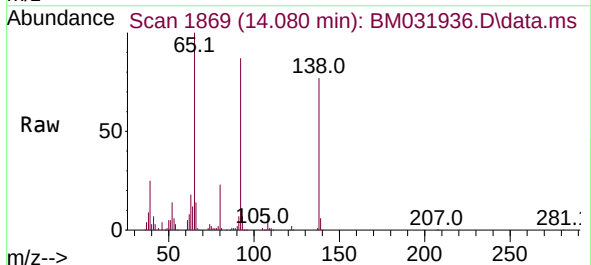
Instrument :
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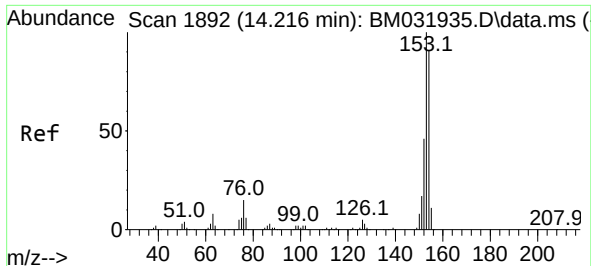
Tgt Ion:152 Resp: 986558
Ion Ratio Lower Upper
152 100
151 19.7 16.2 24.2
153 13.2 10.2 15.4



#51
3-Nitroaniline
Concen: 44.066 ng/ul
RT: 14.080 min Scan# 1869
Delta R.T. 0.000 min
Lab File: BM031936.D
Acq: 28 Aug 2021 17:30

Tgt Ion:138 Resp: 176090
Ion Ratio Lower Upper
138 100
108 9.8 7.4 11.2
92 113.9 96.5 144.7

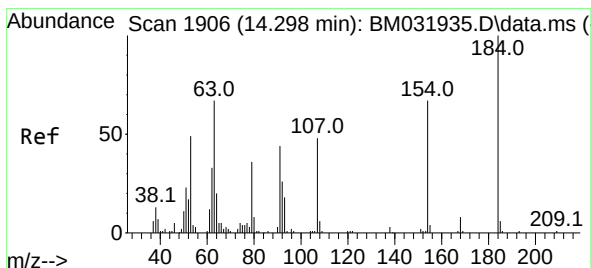
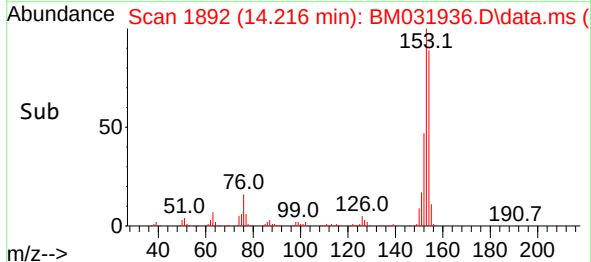
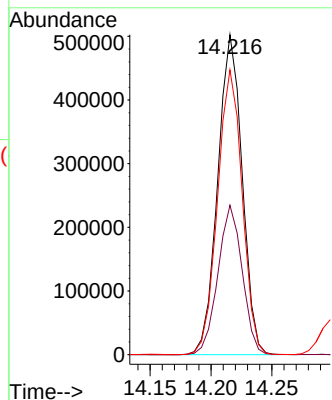
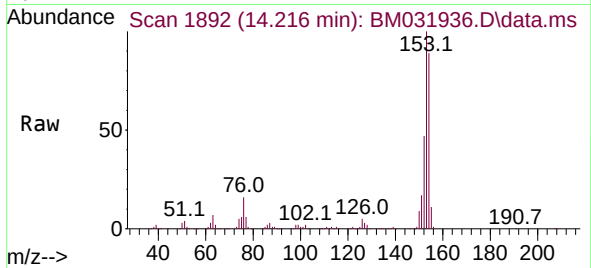




#52
Acenaphthene
Concen: 40.259 ng/ul
RT: 14.216 min Scan# 1892
Delta R.T. 0.000 min
Lab File: BM031936.D
Acq: 28 Aug 2021 17:30

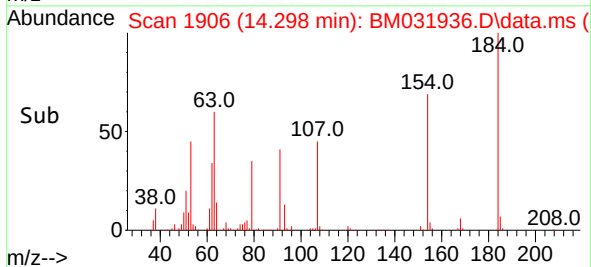
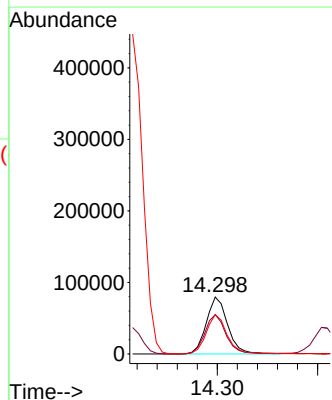
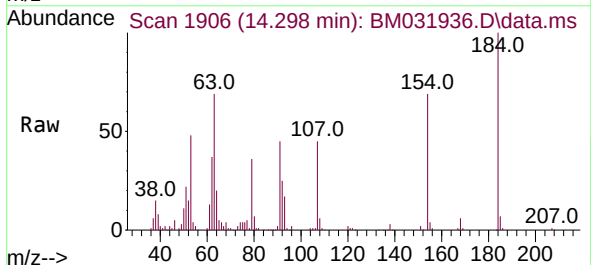
Instrument :
BNA_M
ClientSampleId :
SSTD040021

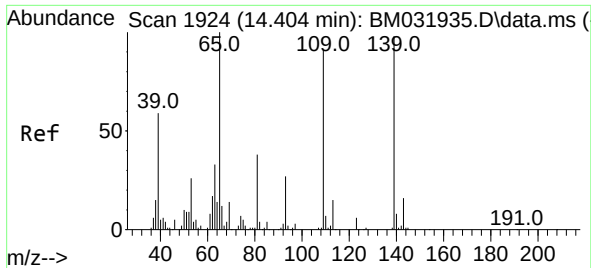
Tgt Ion:153 Resp: 702522
Ion Ratio Lower Upper
153 100
152 46.7 37.4 56.2
154 89.0 69.4 104.0



#53
2,4-Dinitrophenol
Concen: 51.852 ng/ul
RT: 14.298 min Scan# 1906
Delta R.T. 0.000 min
Lab File: BM031936.D
Acq: 28 Aug 2021 17:30

Tgt Ion:184 Resp: 118181
Ion Ratio Lower Upper
184 100
63 69.2 56.9 85.3
154 69.0 49.0 73.6

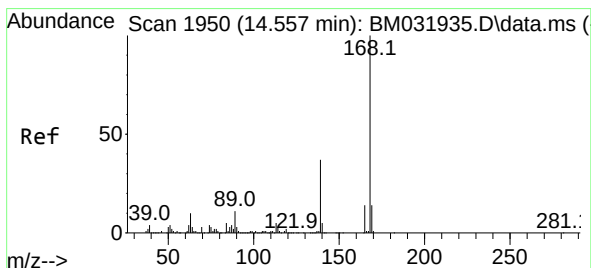
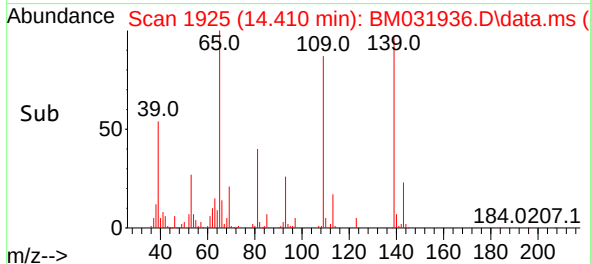
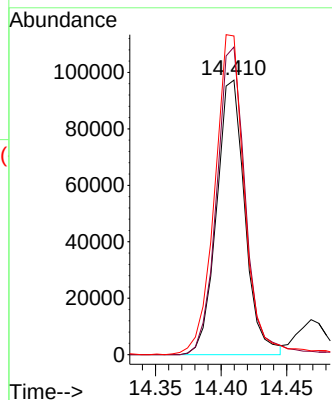
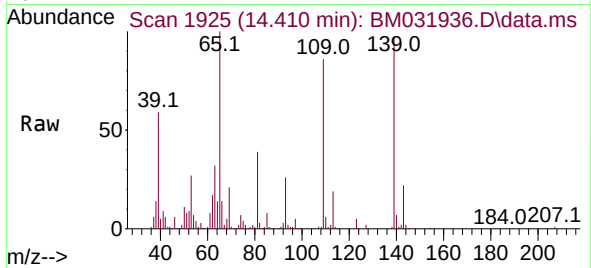




#55
4-Nitrophenol
Concen: 48.703 ng/ul
RT: 14.410 min Scan# 1925
Delta R.T. 0.006 min
Lab File: BM031936.D
Acq: 28 Aug 2021 17:30

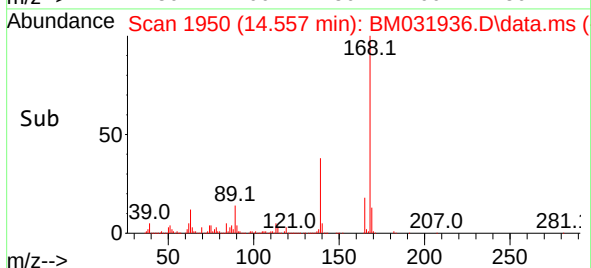
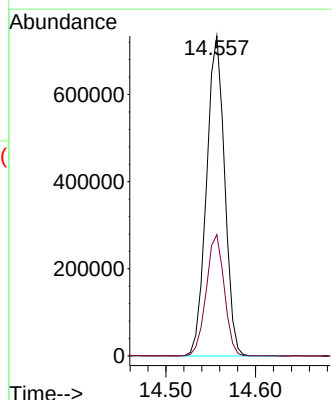
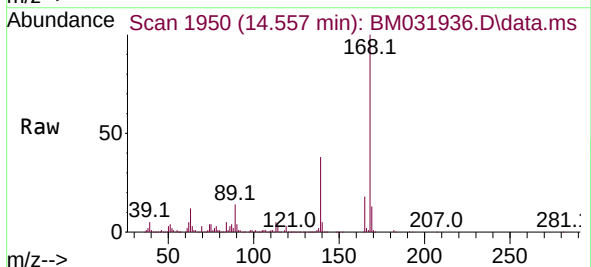
Instrument :
BNA_M
ClientSampleId :
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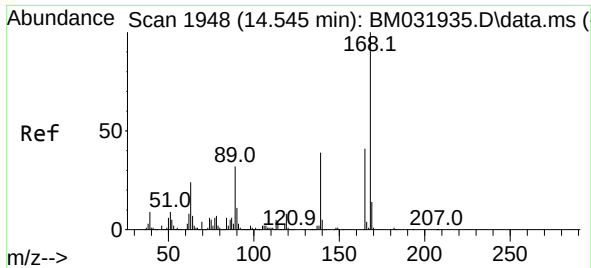
Tgt Ion:109 Resp: 145825
Ion Ratio Lower Upper
109 100
139 112.1 100.3 150.5
65 116.1 104.6 156.8



#56
Dibenzofuran
Concen: 41.883 ng/ul
RT: 14.557 min Scan# 1950
Delta R.T. 0.000 min
Lab File: BM031936.D
Acq: 28 Aug 2021 17:30

Tgt Ion:168 Resp: 1029105
Ion Ratio Lower Upper
168 100
139 37.9 29.5 44.3

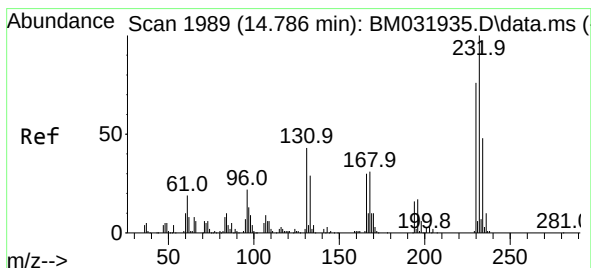
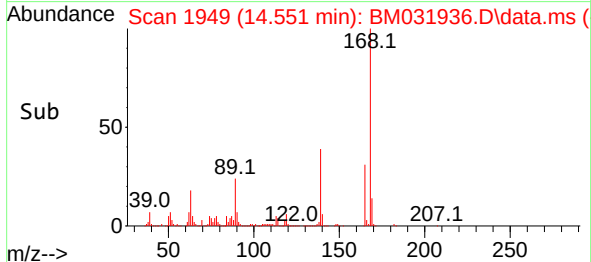
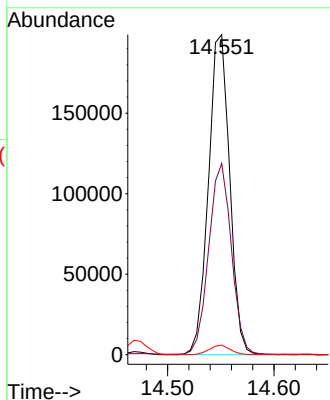
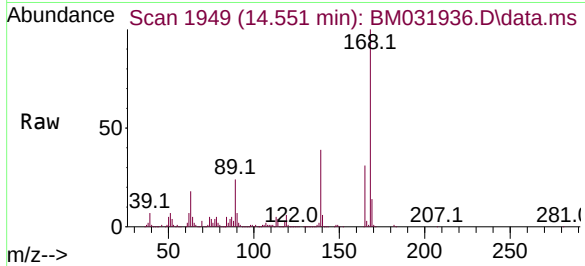




#57
2,4-Dinitrotoluene
Concen: 51.726 ng/ul
RT: 14.551 min Scan# 1949
Delta R.T. 0.006 min
Lab File: BM031936.D
Acq: 28 Aug 2021 17:30

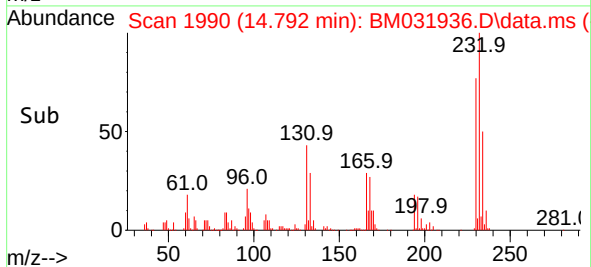
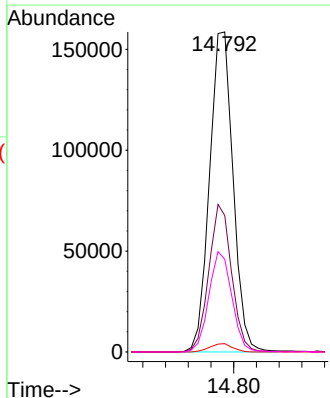
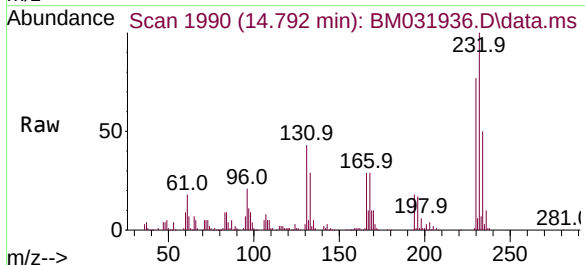
Instrument :
BNA_M
ClientSampleId :
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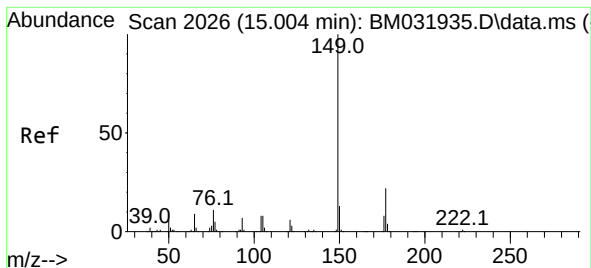
Tgt Ion:165 Resp: 275824
Ion Ratio Lower Upper
165 100
63 59.8 37.6 56.4#
182 3.0 1.8 2.8#



#58
2,3,4,6-Tetrachlorophenol
Concen: 46.788 ng/ul
RT: 14.792 min Scan# 1990
Delta R.T. 0.006 min
Lab File: BM031936.D
Acq: 28 Aug 2021 17:30

Tgt Ion:232 Resp: 228481
Ion Ratio Lower Upper
232 100
131 42.7 35.0 52.6
130 2.6 1.7 2.5#
166 29.0 24.4 36.6

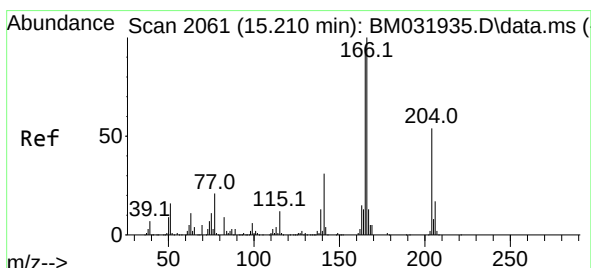
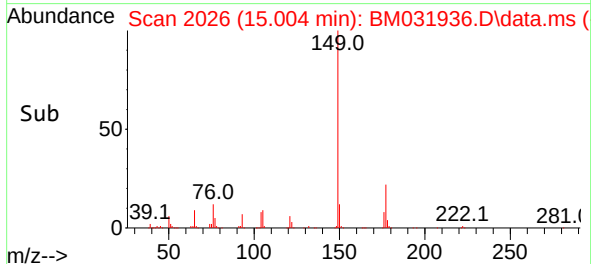
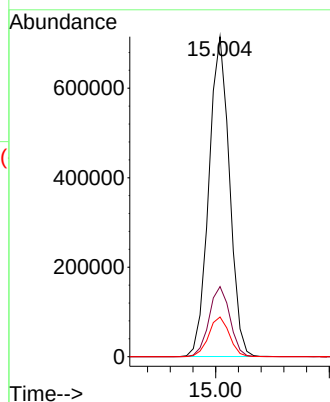
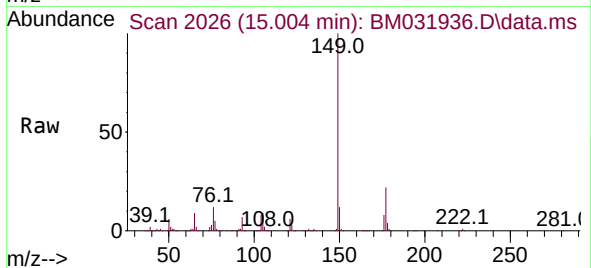




#59
Diethylphthalate
Concen: 45.666 ng/ul
RT: 15.004 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BM031936.D
Acq: 28 Aug 2021 17:30

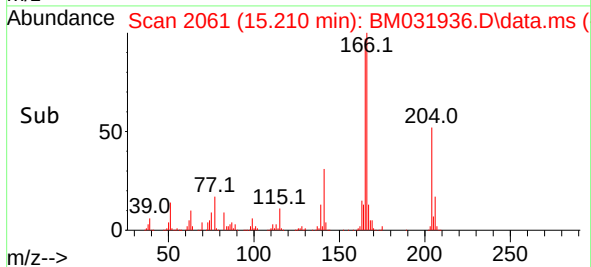
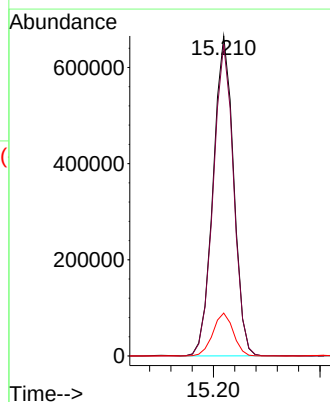
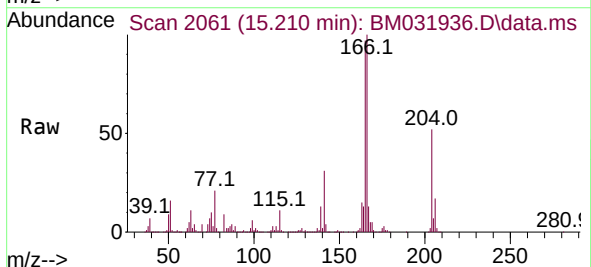
Instrument :
BNA_M
ClientSampleId :
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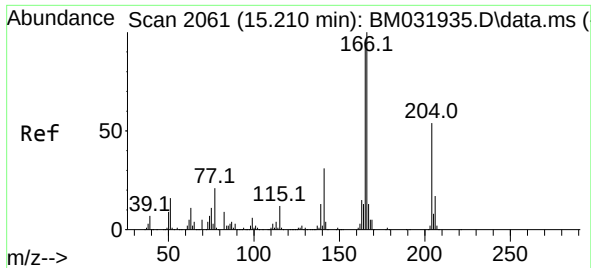
Tgt Ion:149 Resp: 900078
Ion Ratio Lower Upper
149 100
177 21.9 17.0 25.4
150 12.4 9.9 14.9



#61
Fluorene
Concen: 43.748 ng/ul
RT: 15.210 min Scan# 2061
Delta R.T. 0.000 min
Lab File: BM031936.D
Acq: 28 Aug 2021 17:30

Tgt Ion:166 Resp: 885392
Ion Ratio Lower Upper
166 100
165 97.4 78.4 117.6
167 13.4 10.6 15.8

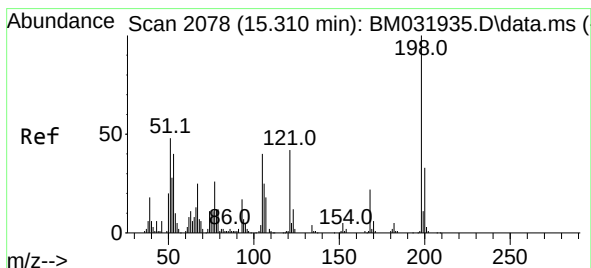
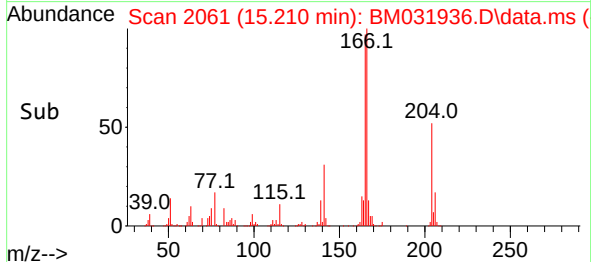
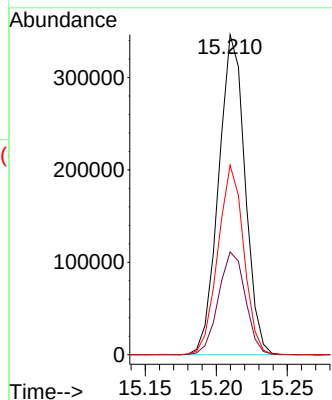
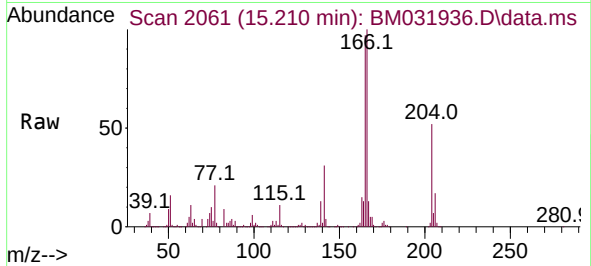




#62
4-Chlorophenyl-phenylether
Concen: 43.940 ng/ul
RT: 15.210 min Scan# 2061
Delta R.T. 0.000 min
Lab File: BM031936.D
Acq: 28 Aug 2021 17:30

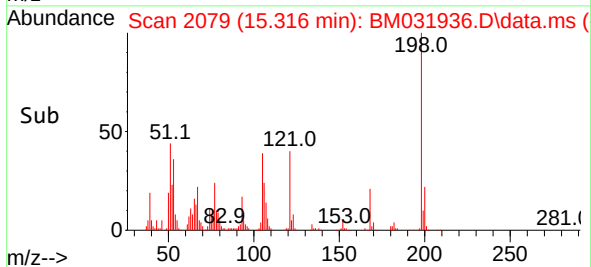
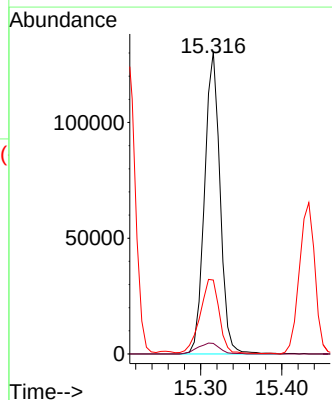
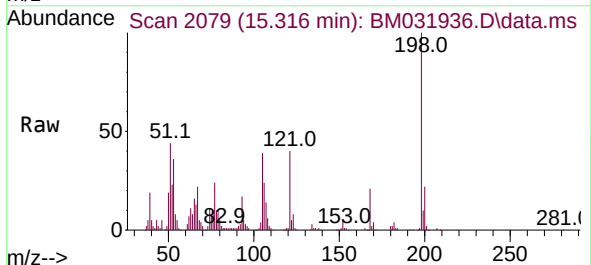
Instrument :
BNA_M
ClientSampleId :
SSTD040021

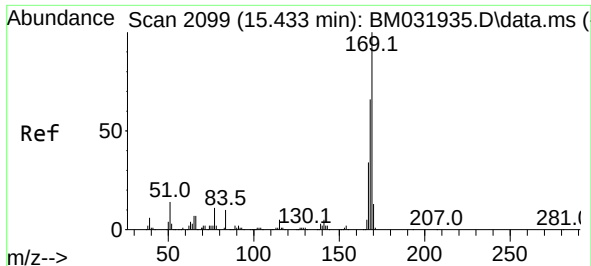
Tgt Ion:204 Resp: 447554
Ion Ratio Lower Upper
204 100
206 32.1 26.0 39.0
141 59.2 45.6 68.4



#66
4,6-Dinitro-2-methylphenol
Concen: 43.371 ng/ul
RT: 15.316 min Scan# 2079
Delta R.T. 0.006 min
Lab File: BM031936.D
Acq: 28 Aug 2021 17:30

Tgt Ion:198 Resp: 172831
Ion Ratio Lower Upper
198 100
182 3.5 3.8 5.6#
77 24.4 20.1 30.1

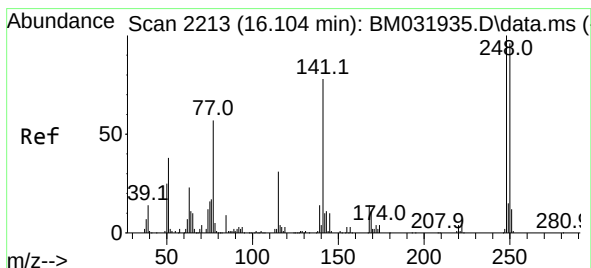
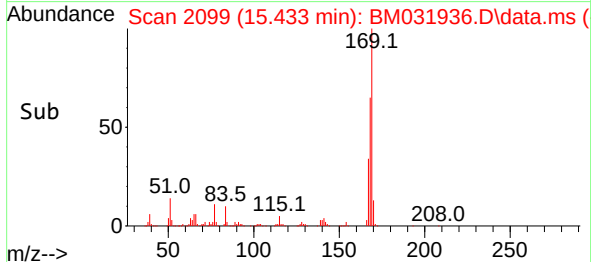
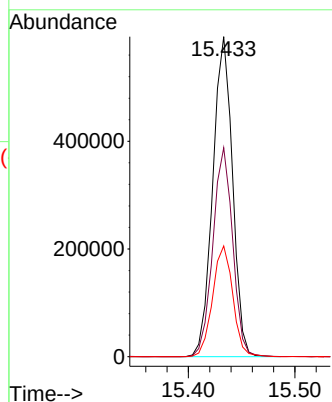
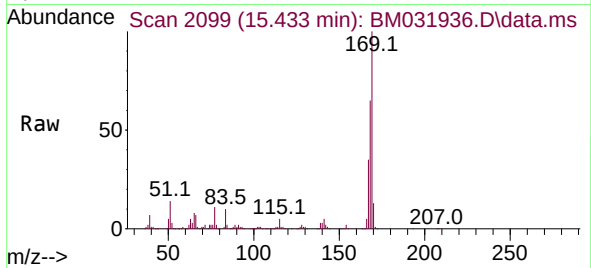




#67
N-Nitrosodiphenylamine
Concen: 39.954 ng/ul
RT: 15.433 min Scan# 2099
Delta R.T. 0.000 min
Lab File: BM031936.D
Acq: 28 Aug 2021 17:30

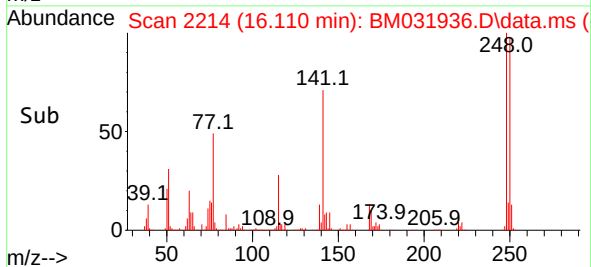
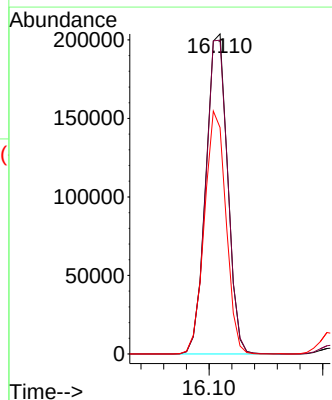
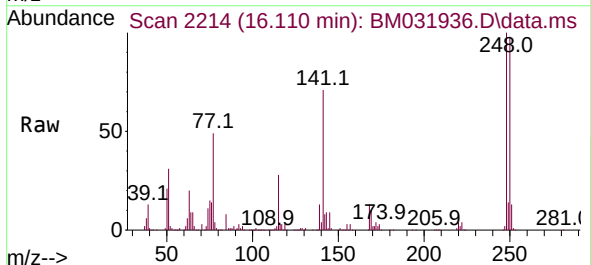
Instrument :
BNA_M
ClientSampleId :
SSTD040021

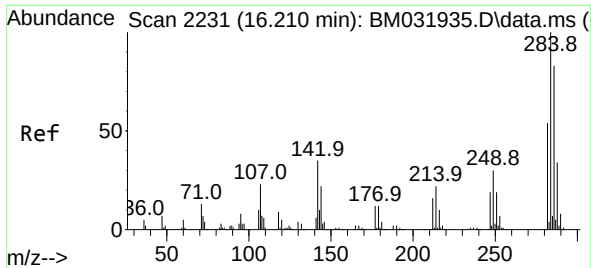
Tgt Ion:	169	Resp:	766763
Ion Ratio	Lower	Upper	
169	100		
168	65.3	53.8	80.6
167	34.6	28.6	43.0



#68
4-Bromophenyl-phenylether
Concen: 39.887 ng/ul
RT: 16.110 min Scan# 2214
Delta R.T. 0.006 min
Lab File: BM031936.D
Acq: 28 Aug 2021 17:30

Tgt Ion:	248	Resp:	270426
Ion Ratio	Lower	Upper	
248	100		
250	98.1	78.6	118.0
141	70.8	56.2	84.2

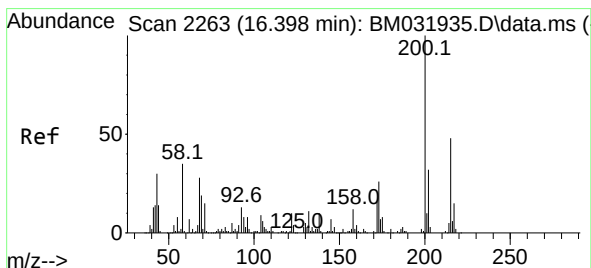
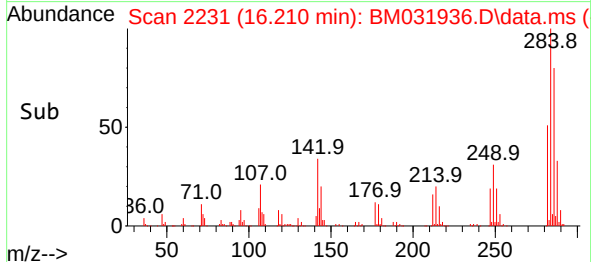
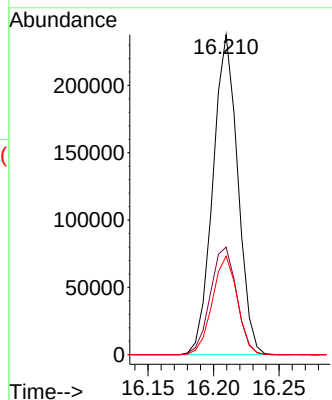
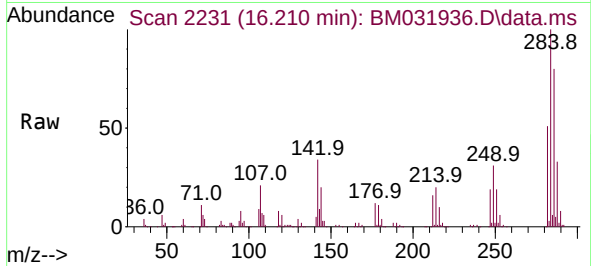




#69
Hexachlorobenzene
Concen: 40.760 ng/ul
RT: 16.210 min Scan# 2231
Delta R.T. 0.000 min
Lab File: BM031936.D
Acq: 28 Aug 2021 17:30

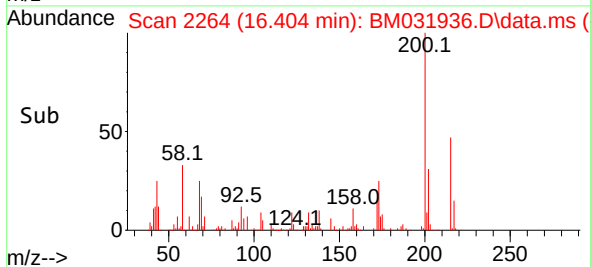
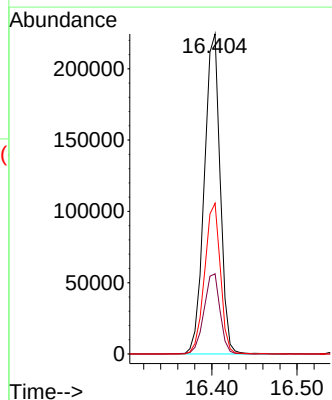
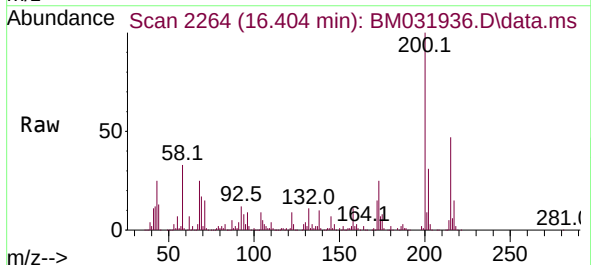
Instrument :
BNA_M
ClientSampleId :
SSTD040021

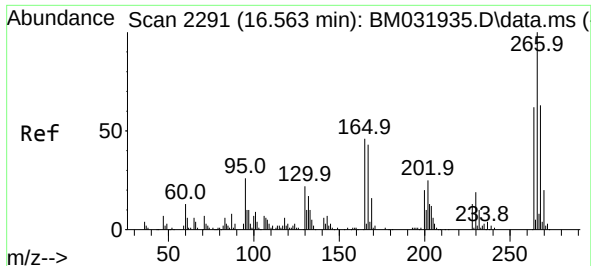
Tgt Ion:284 Resp: 313639
Ion Ratio Lower Upper
284 100
142 33.6 29.0 43.4
249 30.8 25.0 37.4



#70
Atrazine
Concen: 42.401 ng/ul
RT: 16.404 min Scan# 2264
Delta R.T. 0.006 min
Lab File: BM031936.D
Acq: 28 Aug 2021 17:30

Tgt Ion:200 Resp: 289813
Ion Ratio Lower Upper
200 100
173 25.1 18.7 28.1
215 47.1 38.9 58.3

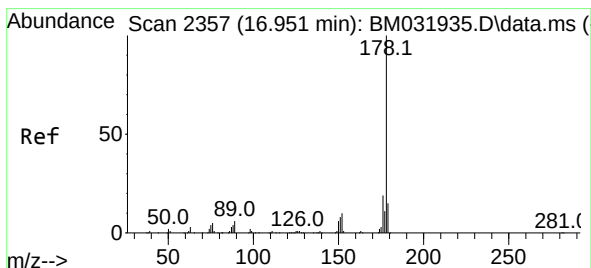
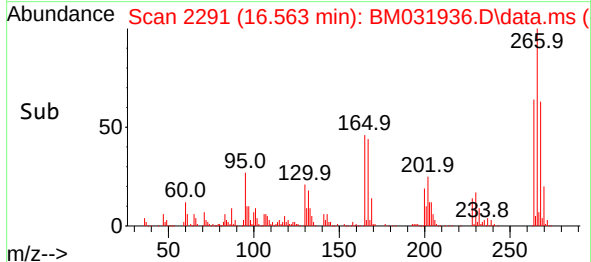
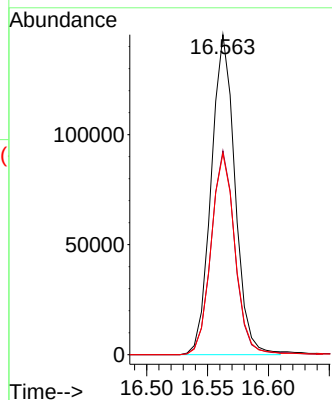
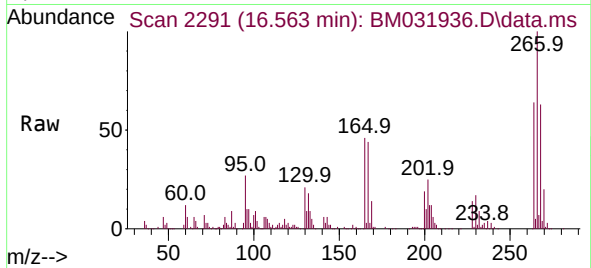




#71
 Pentachlorophenol
 Concen: 42.252 ng/ul
 RT: 16.563 min Scan# 2291
 Delta R.T. 0.000 min
 Lab File: BM031936.D
 Acq: 28 Aug 2021 17:30

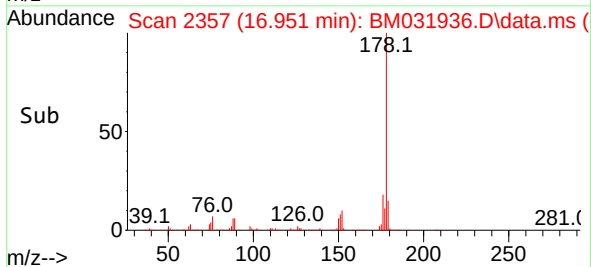
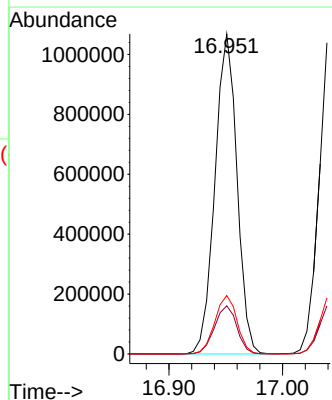
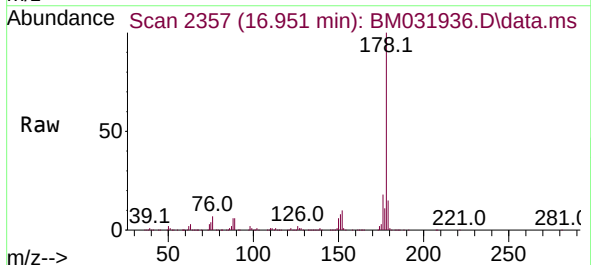
Instrument :
 BNA_M
 ClientSampleId :
 SSTD040021

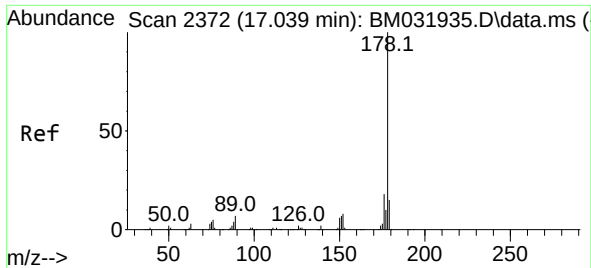
Tgt Ion:266 Resp: 197567
 Ion Ratio Lower Upper
 266 100
 264 63.7 48.2 72.4
 268 62.8 51.6 77.4



#72
 Phenanthrene
 Concen: 41.894 ng/ul
 RT: 16.951 min Scan# 2357
 Delta R.T. 0.000 min
 Lab File: BM031936.D
 Acq: 28 Aug 2021 17:30

Tgt Ion:178 Resp: 1439065
 Ion Ratio Lower Upper
 178 100
 179 15.0 12.1 18.1
 176 18.3 15.2 22.8

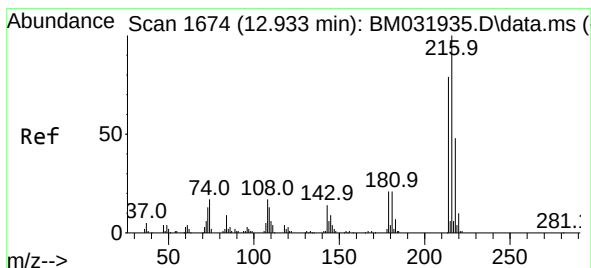
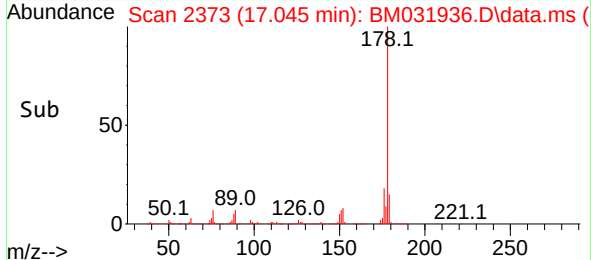
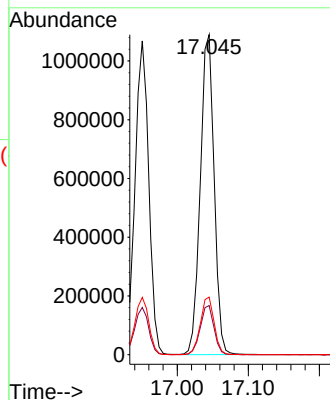
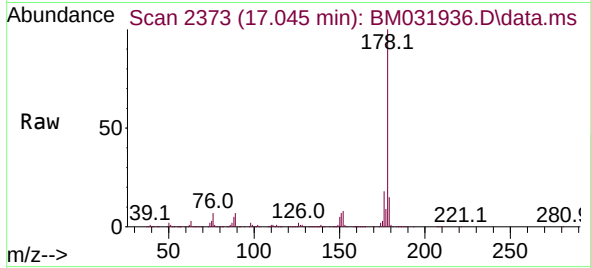




#74
 Anthracene
 Concen: 41.962 ng/uI
 RT: 17.045 min Scan# 2373
 Delta R.T. 0.006 min
 Lab File: BM031936.D
 Acq: 28 Aug 2021 17:30

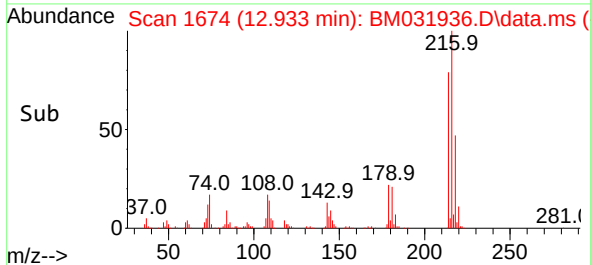
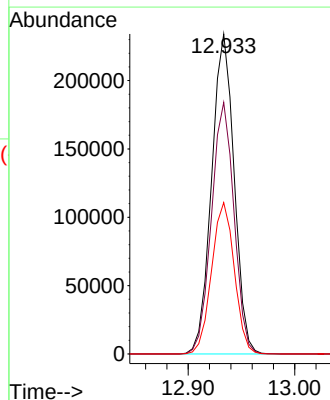
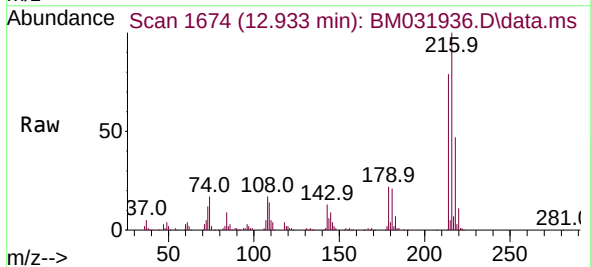
Instrument :
 BNA_M
 ClientSampleId :
 SSTD040021

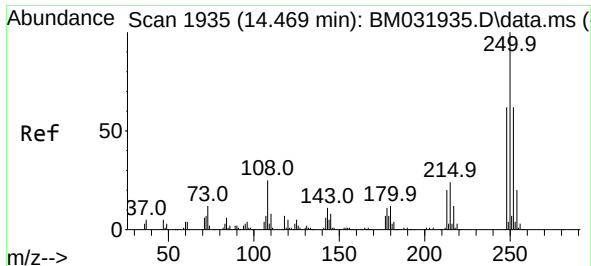
Tgt Ion:178 Resp: 1480981
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.1 18.1
 176 18.0 15.2 22.8



#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 34.456 ng/uI
 RT: 12.933 min Scan# 1674
 Delta R.T. 0.000 min
 Lab File: BM031936.D
 Acq: 28 Aug 2021 17:30

Tgt Ion:216 Resp: 343877
 Ion Ratio Lower Upper
 216 100
 214 78.6 61.9 92.9
 218 47.3 39.5 59.3

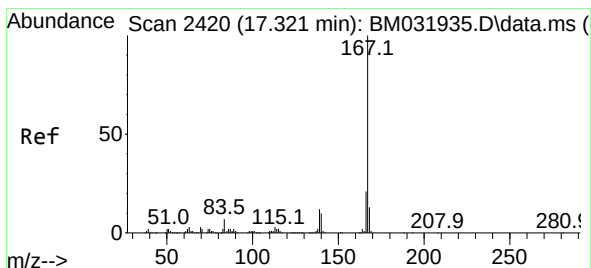
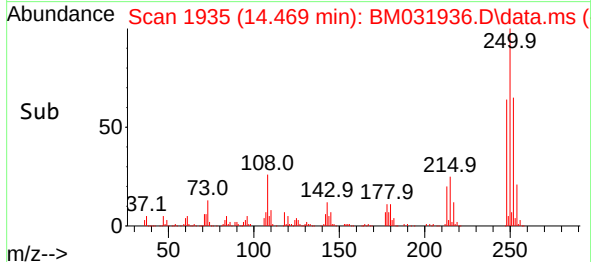
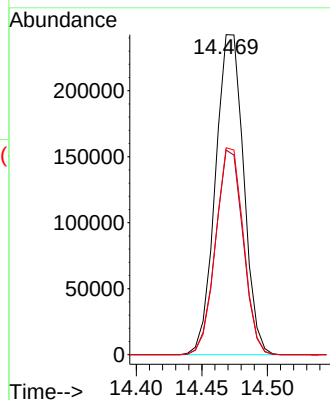
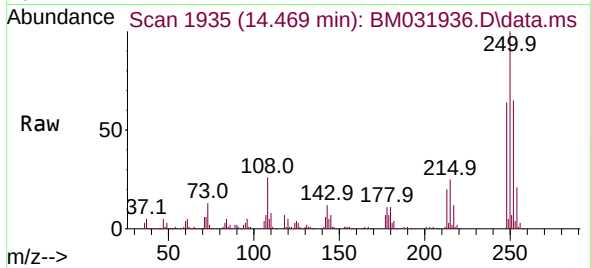




#76
Pentachlorobenzene
Concen: 37.113 ng/uL
RT: 14.469 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BM031936.D
Acq: 28 Aug 2021 17:30

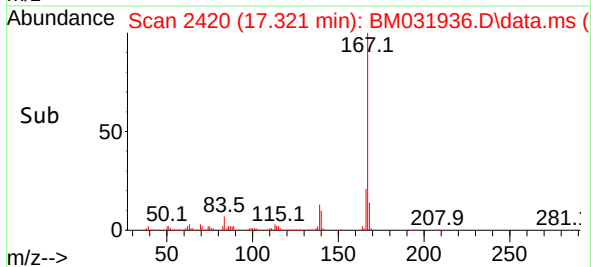
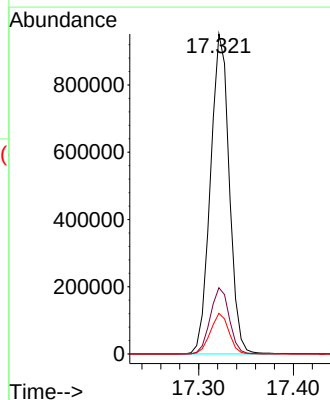
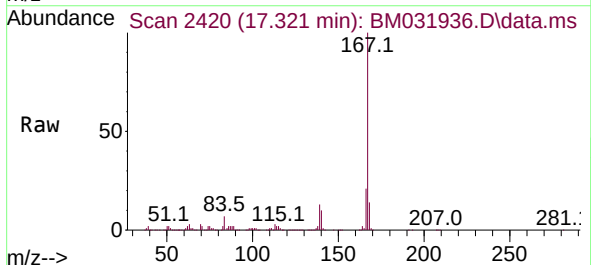
Instrument :
BNA_M
ClientSampleId :
SSTD040021

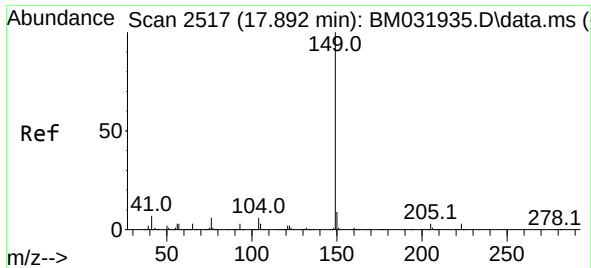
Tgt Ion:250 Resp: 362438
Ion Ratio Lower Upper
250 100
248 63.9 50.2 75.4
252 64.7 52.2 78.2



#77
Carbazole
Concen: 42.793 ng/uL
RT: 17.321 min Scan# 2420
Delta R.T. 0.000 min
Lab File: BM031936.D
Acq: 28 Aug 2021 17:30

Tgt Ion:167 Resp: 1312905
Ion Ratio Lower Upper
167 100
166 20.7 17.0 25.6
139 12.7 9.9 14.9

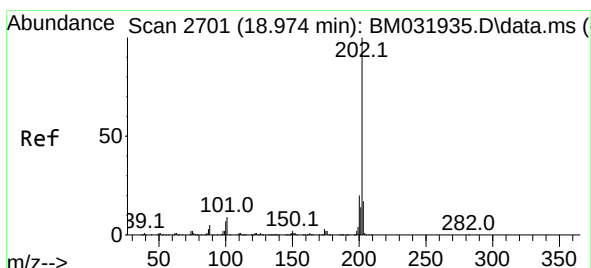
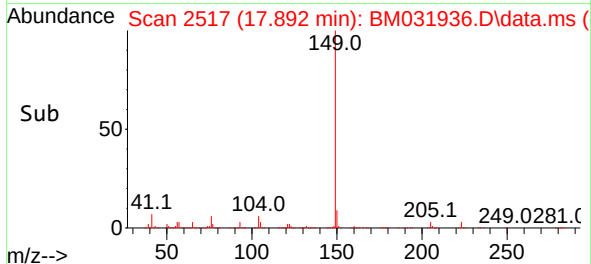
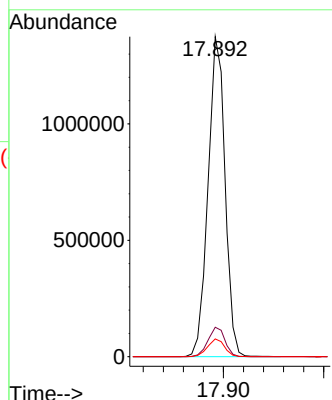
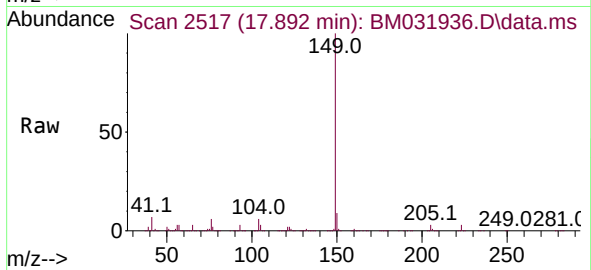




#78
Di-n-butylphthalate
Concen: 45.847 ng/ul
RT: 17.892 min Scan# 2517
Delta R.T. 0.000 min
Lab File: BM031936.D
Acq: 28 Aug 2021 17:30

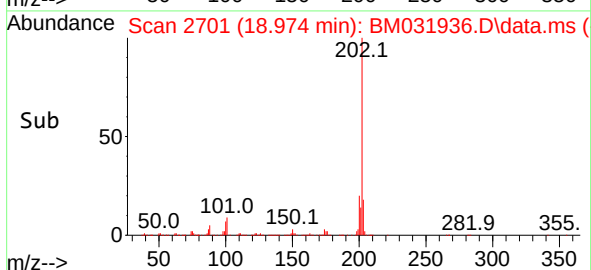
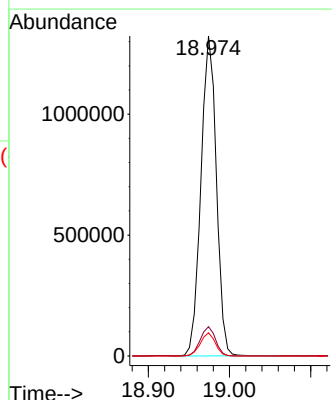
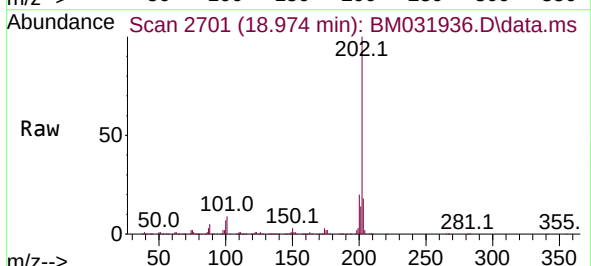
Instrument :
BNA_M
ClientSampleId :
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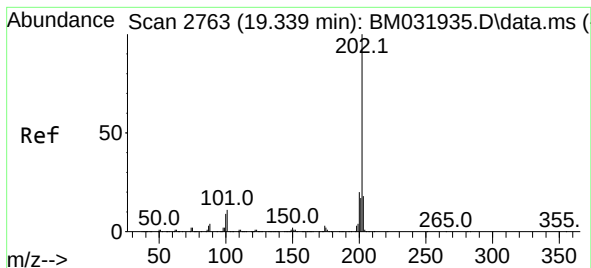
Tgt Ion:149 Resp: 1621050
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 5.6 4.1 6.1



#80
Fluoranthene
Concen: 34.776 ng/ul
RT: 18.974 min Scan# 2701
Delta R.T. 0.000 min
Lab File: BM031936.D
Acq: 28 Aug 2021 17:30

Tgt Ion:202 Resp: 1746704
Ion Ratio Lower Upper
202 100
101 9.2 8.8 13.2
100 7.2 6.8 10.2





#82

Pyrene

Concen: 35.060 ng/ul

RT: 19.339 min Scan# 2763

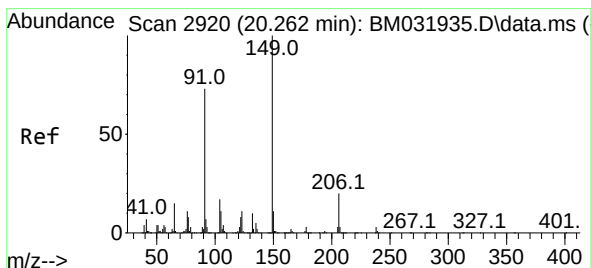
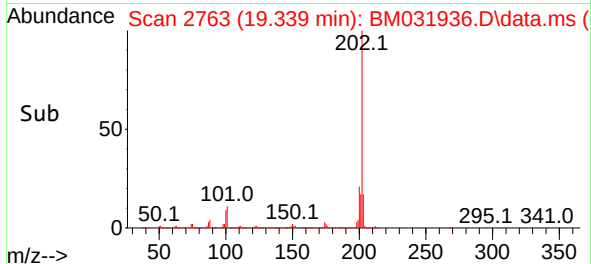
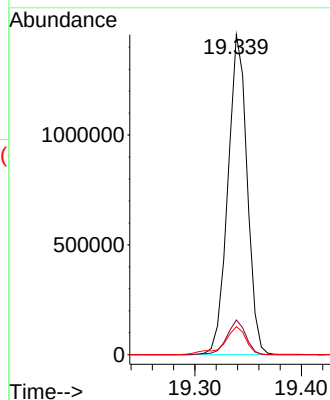
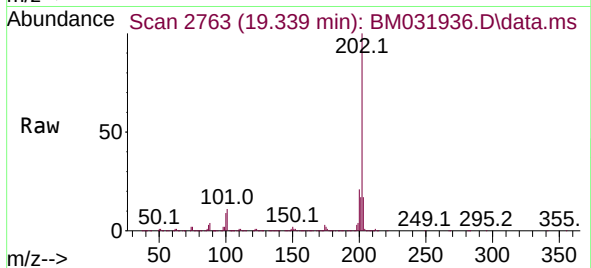
Delta R.T. 0.000 min

Lab File: BM031936.D

Acq: 28 Aug 2021 17:30

Tgt Ion:202 Resp: 1825080

Ion	Ratio	Lower	Upper
202	100		
101	10.9	10.0	15.0
100	8.8	8.5	12.7



#83

Butylbenzylphthalate

Concen: 43.285 ng/ul

RT: 20.262 min Scan# 2920

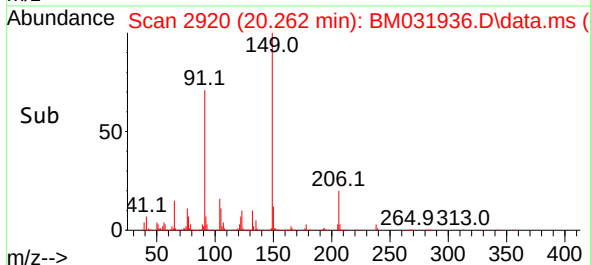
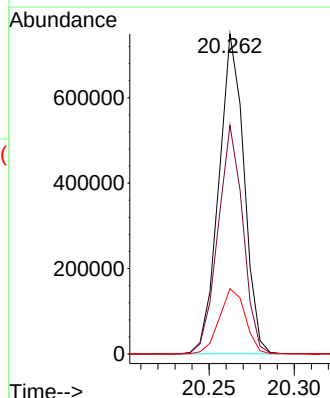
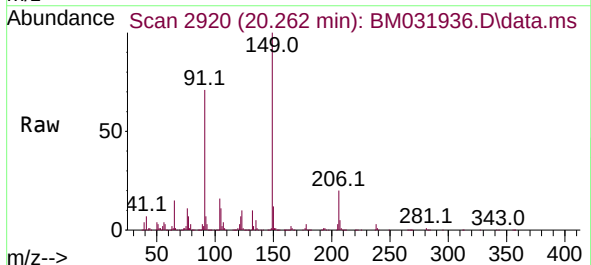
Delta R.T. 0.000 min

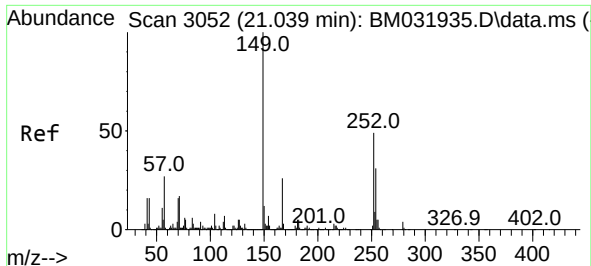
Lab File: BM031936.D

Acq: 28 Aug 2021 17:30

Tgt Ion:149 Resp: 770222

Ion	Ratio	Lower	Upper
149	100		
91	71.5	57.4	86.2
206	20.4	15.9	23.9

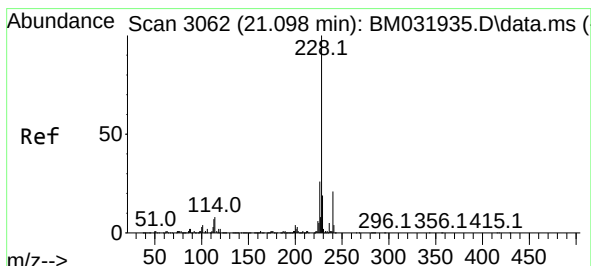
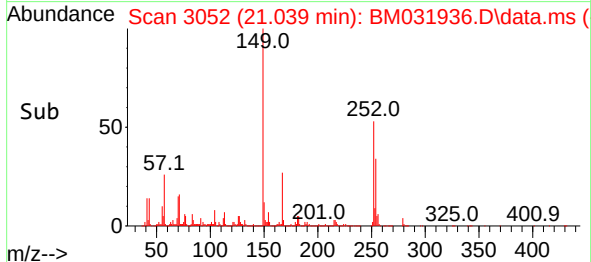
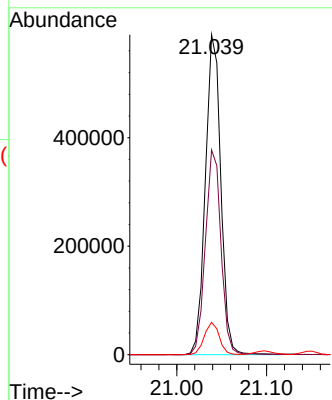
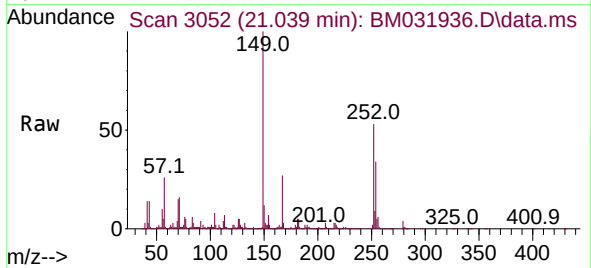




#84
3,3'-Dichlorobenzidine
Concen: 52.298 ng/ul
RT: 21.039 min Scan# 3052
Delta R.T. 0.000 min
Lab File: BM031936.D
Acq: 28 Aug 2021 17:30

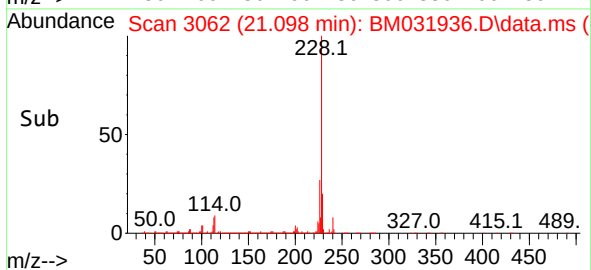
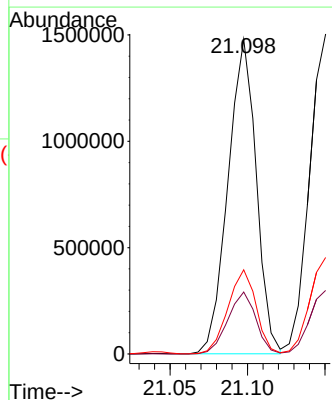
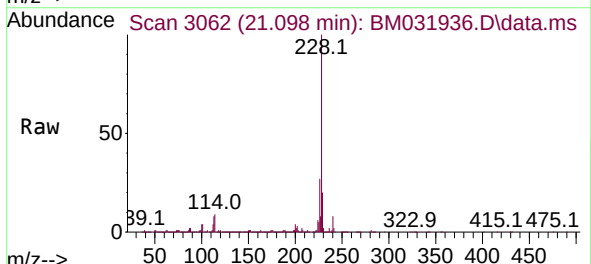
Instrument :
BNA_M
ClientSampleId :
SSTD040021

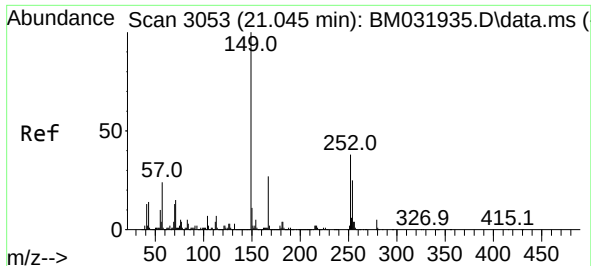
Tgt Ion:252 Resp: 704837
Ion Ratio Lower Upper
252 100
254 64.0 49.9 74.9
126 10.1 8.9 13.3



#85
Benzo(a)anthracene
Concen: 40.590 ng/ul
RT: 21.098 min Scan# 3062
Delta R.T. 0.000 min
Lab File: BM031936.D
Acq: 28 Aug 2021 17:30

Tgt Ion:228 Resp: 1874374
Ion Ratio Lower Upper
228 100
229 19.7 16.0 24.0
226 26.7 22.2 33.2

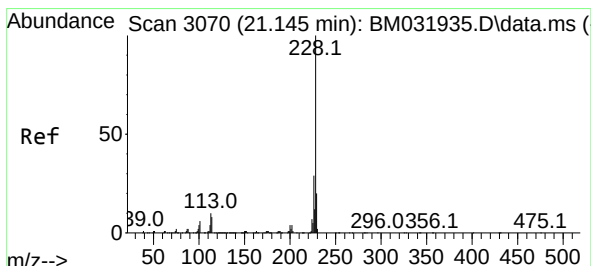
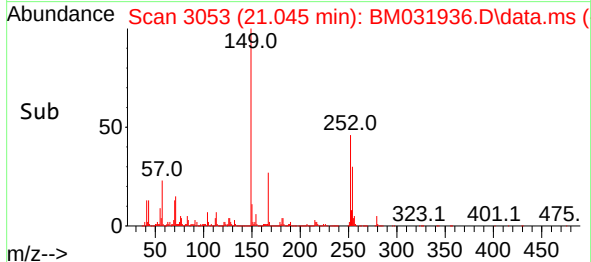
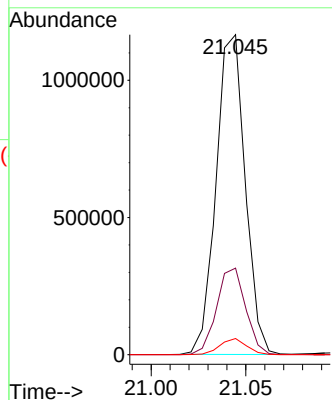
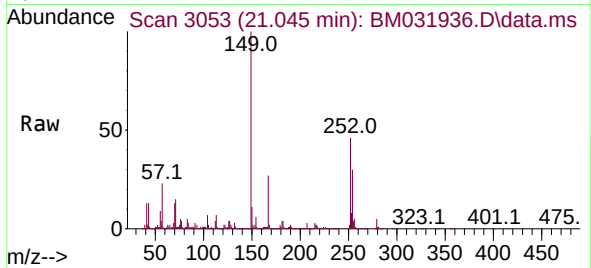




#86
Bis(2-ethylhexyl)phthalate
Concen: 47.559 ng/ul
RT: 21.045 min Scan# 3053
Delta R.T. 0.000 min
Lab File: BM031936.D
Acq: 28 Aug 2021 17:30

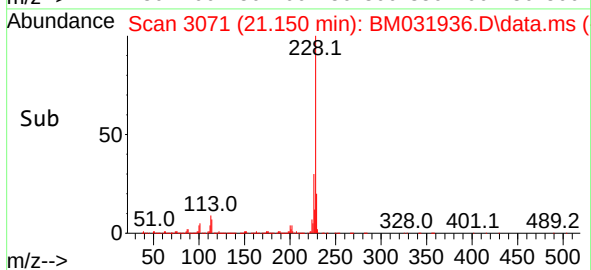
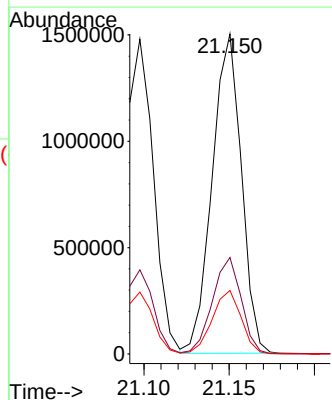
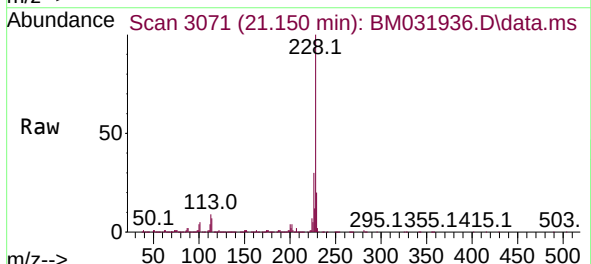
Instrument :
BNA_M
ClientSampleId :
SSTD040021

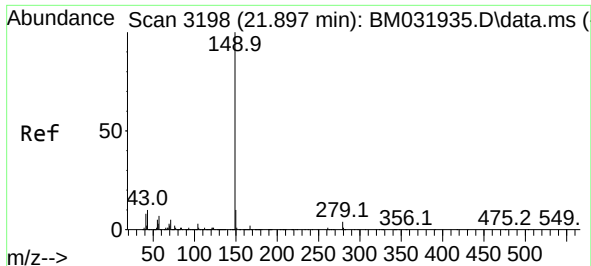
Tgt Ion:149 Resp: 1247580
Ion Ratio Lower Upper
149 100
167 27.0 20.7 31.1
279 5.0 3.0 4.4#



#87
Chrysene
Concen: 39.361 ng/ul
RT: 21.150 min Scan# 3071
Delta R.T. 0.006 min
Lab File: BM031936.D
Acq: 28 Aug 2021 17:30

Tgt Ion:228 Resp: 1788383
Ion Ratio Lower Upper
228 100
226 30.1 23.6 35.4
229 19.9 15.9 23.9

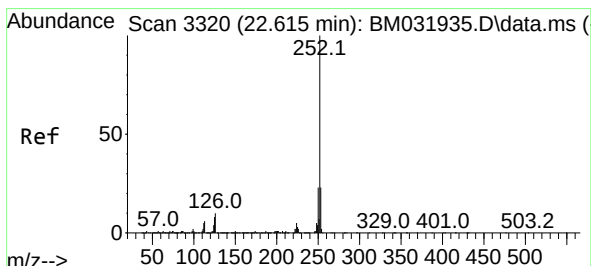
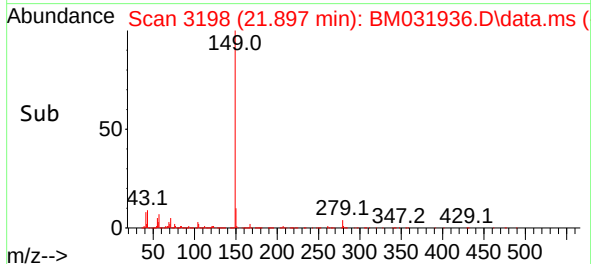
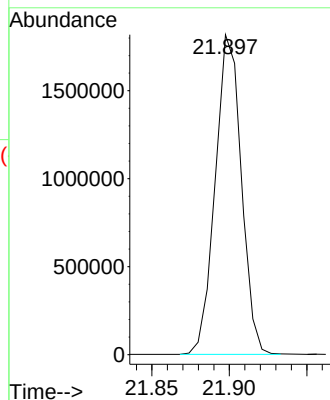
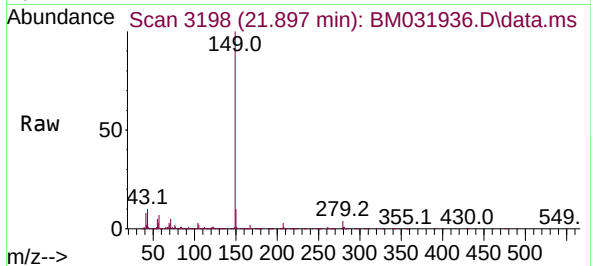




#89
Di-n-octyl phthalate
Concen: 43.472 ng/ul
RT: 21.897 min Scan# 3198
Delta R.T. 0.000 min
Lab File: BM031936.D
Acq: 28 Aug 2021 17:30

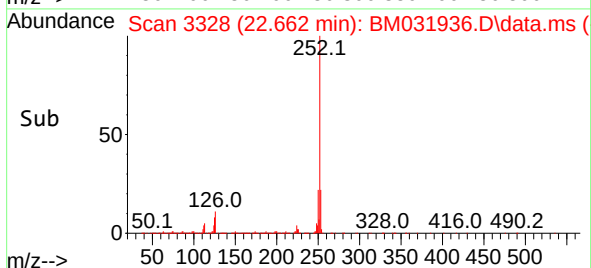
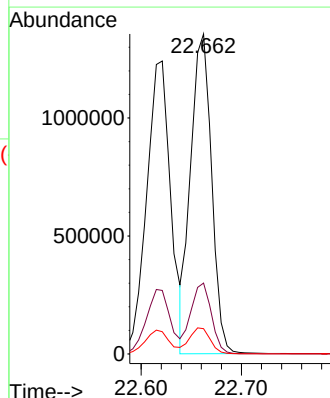
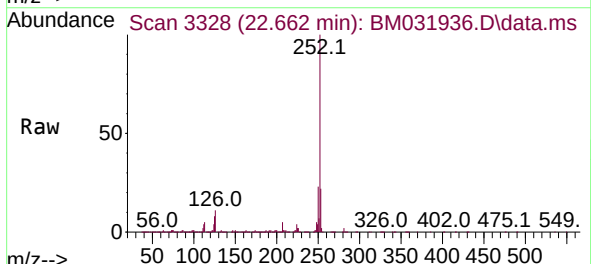
Instrument :
BNA_M
ClientSampleId :
SSTD040021

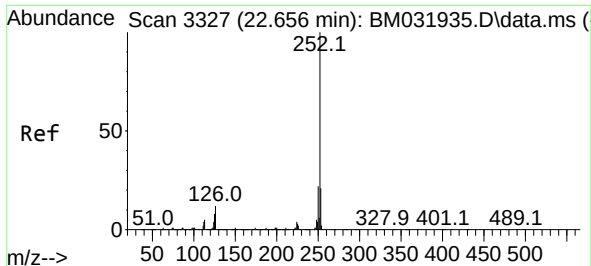
Tgt Ion:149 Resp: 2126551



#90
Benzo(b)fluoranthene
Concen: 38.785 ng/ul
RT: 22.662 min Scan# 3328
Delta R.T. 0.047 min
Lab File: BM031936.D
Acq: 28 Aug 2021 17:30

Tgt Ion:252 Resp: 1967938
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 7.9 7.7 11.5

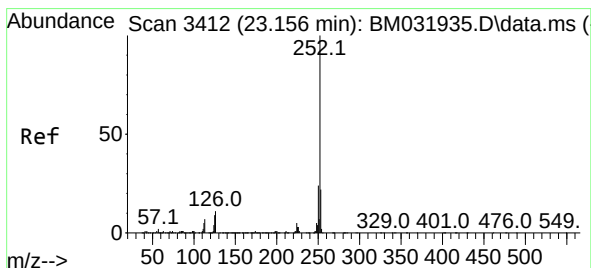
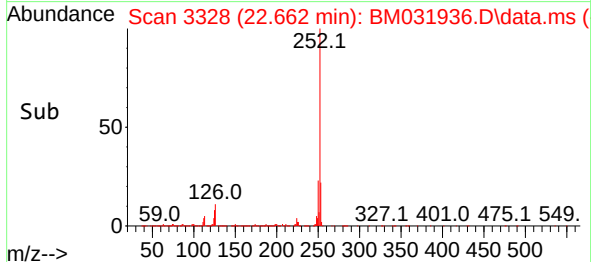
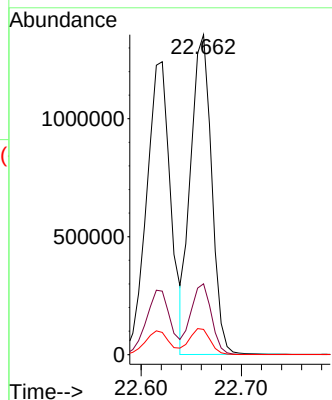
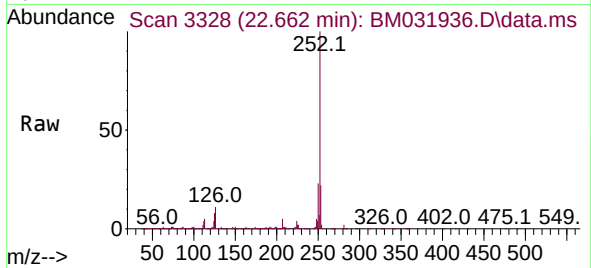




#91
Benzo(k)fluoranthene
Concen: 39.902 ng/ul
RT: 22.662 min Scan# 3328
Delta R.T. 0.006 min
Lab File: BM031936.D
Acq: 28 Aug 2021 17:30

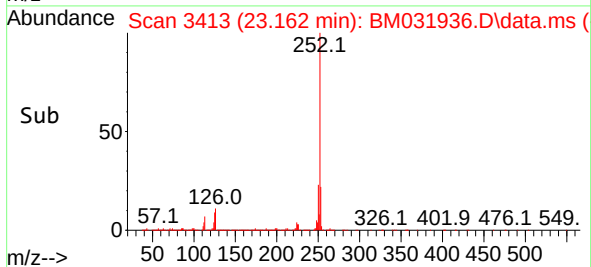
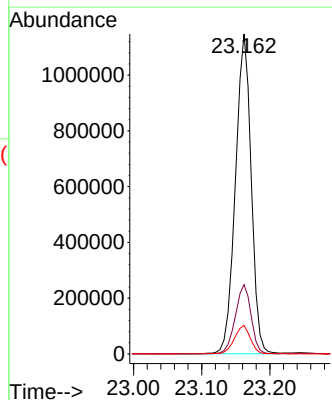
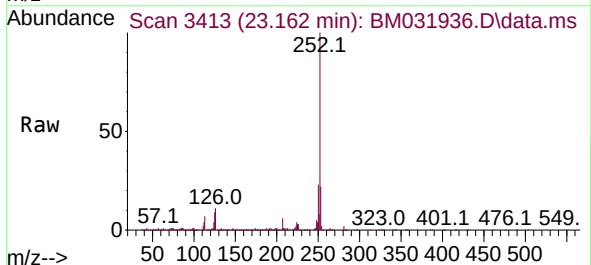
Instrument :
BNA_M
ClientSampleId :
SSTD040021

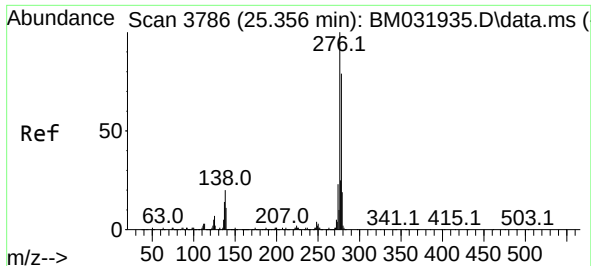
Tgt Ion:252 Resp: 1967938
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 7.9 7.9 11.9#



#93
Benzo(a)pyrene
Concen: 41.094 ng/ul
RT: 23.162 min Scan# 3413
Delta R.T. 0.006 min
Lab File: BM031936.D
Acq: 28 Aug 2021 17:30

Tgt Ion:252 Resp: 1845161
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 9.0 8.6 13.0

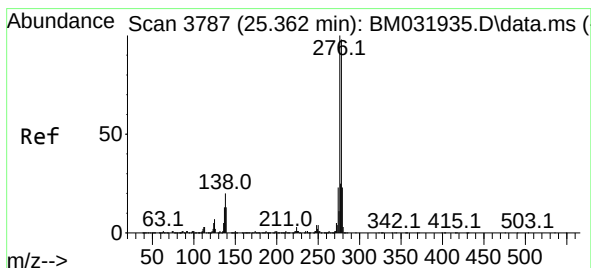
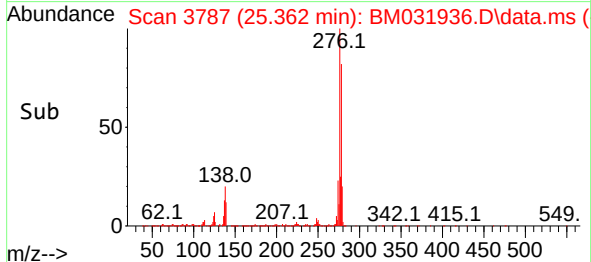
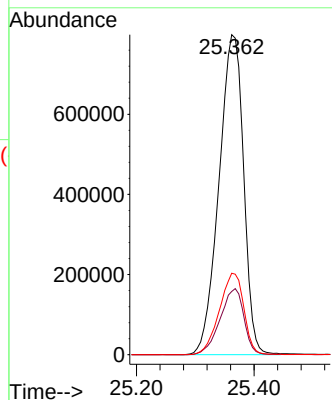
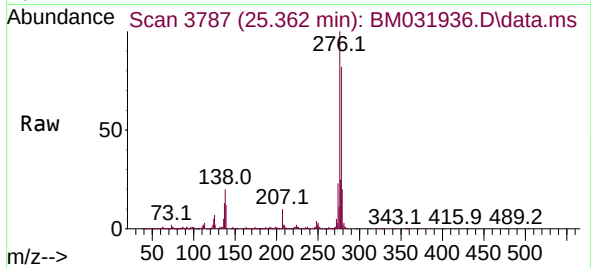




#94
Indeno(1,2,3-cd)pyrene
Concen: 41.601 ng/ul
RT: 25.362 min Scan# 3787
Delta R.T. 0.006 min
Lab File: BM031936.D
Acq: 28 Aug 2021 17:30

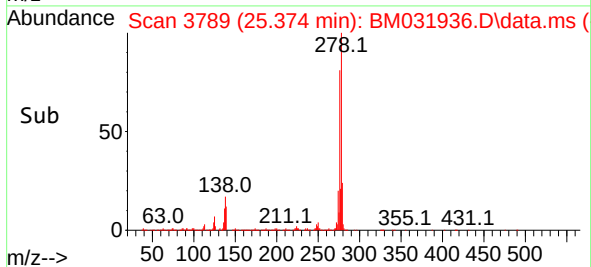
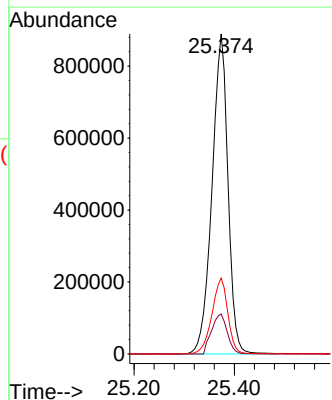
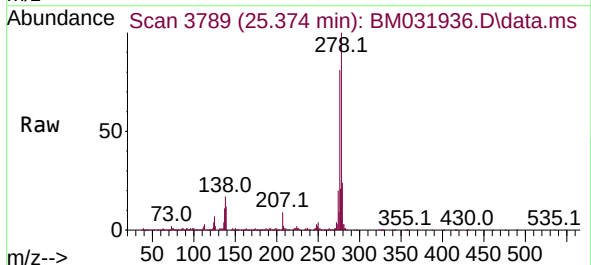
Instrument :
BNA_M
ClientSampleId :
SSTD040021

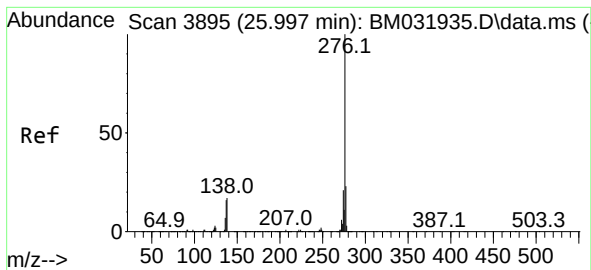
Tgt Ion:276 Resp: 2323094
Ion Ratio Lower Upper
276 100
138 19.8 19.5 29.3
277 25.4 19.6 29.4



#95
Dibenzo(a,h)anthracene
Concen: 41.938 ng/ul
RT: 25.374 min Scan# 3789
Delta R.T. 0.012 min
Lab File: BM031936.D
Acq: 28 Aug 2021 17:30

Tgt Ion:278 Resp: 1963637
Ion Ratio Lower Upper
278 100
139 12.5 12.8 19.2#
279 23.7 19.1 28.7





#96
 Benzo(g,h,i)perylene
 Concen: 42.447 ng/ul
 RT: 26.003 min Scan# 3896
 Delta R.T. 0.006 min
 Lab File: BM031936.D
 Acq: 28 Aug 2021 17:30

Instrument :
 BNA_M
 ClientSampleId :
 SST040021

Tgt Ion:276 Resp: 1900417
 Ion Ratio Lower Upper
 276 100
 138 17.4 16.5 24.7
 277 23.9 18.5 27.7

