

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082222\
 Data File : BM036396.D
 Acq On : 23 Aug 2022 18:54
 Operator : CG/JU
 Sample : PB147167BS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 24 01:02:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 23 00:55:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	250506	20.000	ng/u1	0.00
20) Naphthalene-d8	10.592	136	1162762	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.439	164	716107	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.180	188	1298071	20.000	ng/u1	0.00
79) Chrysene-d12	21.362	240	923541	20.000	ng/u1	0.00
88) Perylene-d12	23.691	264	857476	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.204	96	38263	5.821	ng/uL	0.00
4) Pyridine-d5	3.628	84	541023	29.847	ng/u1	0.00
7) Phenol-d5	6.969	99	769501	35.987	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	486711	36.161	ng/u1	0.00
11) 2-Chlorophenol-d4	7.322	132	587984	34.998	ng/u1	0.00
15) 4-Methylphenol-d8	8.516	113	600899	37.637	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	301923	34.248	ng/u1	0.00
24) 2-Nitrophenol-d4	9.681	143	311045	34.783	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	573746	35.908	ng/u1	0.00
31) 4-Chloroaniline-d4	10.739	131	828645	33.453	ng/u1	0.00
46) Dimethylphthalate-d6	13.857	166	1619235	35.741	ng/u1	0.00
49) Acenaphthylene-d8	14.133	160	1960492	34.696	ng/u1	0.00
54) 4-Nitrophenol-d4	14.663	143	271179	31.590	ng/u1	0.00
60) Fluorene-d10	15.427	176	1434275	35.035	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	222219	33.298	ng/u1	0.00
73) Anthracene-d10	17.280	188	1975619	34.228	ng/u1	0.00
81) Pyrene-d10	19.574	212	1852512	38.668	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.538	264	1502108	35.729	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	82240	11.879	ng/uL	98
5) Pyridine	3.652	79	541622	28.925	ng/u1	92
6) Benzaldehyde	6.940	77	295675	33.663	ng/u1	90
8) Phenol	6.998	94	800145	35.991	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.228	93	631933	35.539	ng/u1	99
12) 2-Chlorophenol	7.357	128	616834	35.110	ng/u1	97
13) 2-Methylphenol	8.251	108	603890	36.850	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.334	45	936924	39.383	ng/u1	100
16) Acetophenone	8.628	105	977831	38.079	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.616	70	520471	40.722	ng/u1	98
18) 4-Methylphenol	8.581	108	661849	37.729	ng/u1	99
19) Hexachloroethane	8.863	117	251048	34.156	ng/u1	84
22) Nitrobenzene	9.004	77	741878	35.516	ng/u1	97
23) Isophorone	9.533	82	1425649	38.433	ng/u1	95
25) 2-Nitrophenol	9.716	139	345995	34.729	ng/u1	94
26) 2,4-Dimethylphenol	9.781	107	696557	34.961	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.016	93	880236	36.450	ng/u1	98
29) 2,4-Dichlorophenol	10.245	162	581755	35.587	ng/u1	98
30) Naphthalene	10.639	128	2072923	33.967	ng/u1	99
32) 4-Chloroaniline	10.769	127	562451	22.324	ng/u1	99
33) Hexachlorobutadiene	10.916	225	326907	31.831	ng/u1	98
34) Caprolactam	11.569	113	113321	23.136	ng/u1	96
35) 4-Chloro-3-methylphenol	11.898	107	640356	38.742	ng/u1	99
36) 2-Methylnaphthalene	12.257	142	1395311	36.441	ng/u1	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082222\
 Data File : BM036396.D
 Acq On : 23 Aug 2022 18:54
 Operator : CG/JU
 Sample : PB147167BS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

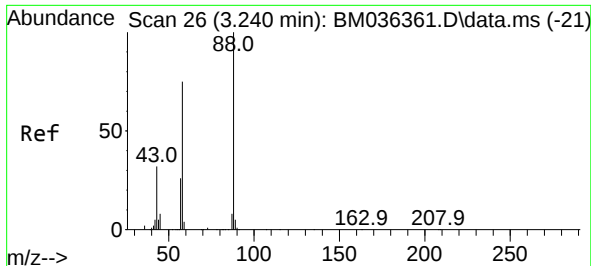
Quant Time: Aug 24 01:02:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 23 00:55:01 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.480	142	1402012	36.357	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.627	216	648385	32.758	ng/ul	98
40) Hexachlorocyclopentadiene	12.598	237	275202	23.437	ng/ul	98
41) 2,4,6-Trichlorophenol	12.874	196	421528	33.844	ng/ul	99
42) 2,4,5-Trichlorophenol	12.951	196	454491	34.402	ng/ul	99
43) 1,1'-Biphenyl	13.274	154	1839260	34.150	ng/ul	99
44) 2-Chloronaphthalene	13.316	162	1365327	33.036	ng/ul	98
45) 2-Nitroaniline	13.533	65	426817	38.138	ng/ul	93
47) Dimethylphthalate	13.904	163	1668889	35.787	ng/ul	99
48) 2,6-Dinitrotoluene	14.033	165	331156	37.637	ng/ul#	87
50) Acenaphthylene	14.163	152	2311384	34.688	ng/ul	100
51) 3-Nitroaniline	14.363	138	359426	37.353	ng/ul	99
52) Acenaphthene	14.498	153	1508684	34.737	ng/ul	99
53) 2,4-Dinitrophenol	14.574	184	152774	31.860	ng/ul	94
55) 4-Nitrophenol	14.680	109	221337	32.633	ng/ul	83
56) Dibenzofuran	14.839	168	2074038	34.416	ng/ul	98
57) 2,4-Dinitrotoluene	14.821	165	460713	36.921	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.068	232	342521	34.147	ng/ul#	92
59) Diethylphthalate	15.268	149	1730158	37.637	ng/ul	99
61) Fluorene	15.486	166	1710660	35.789	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.480	204	799606	35.811	ng/ul	98
63) 4-Nitroaniline	15.527	138	335241	37.348	ng/ul#	87
66) 4,6-Dinitro-2-methylph...	15.580	198	225103	33.362	ng/ul	92
67) N-Nitrosodiphenylamine	15.698	169	1391858	37.506	ng/ul	98
68) 4-Bromophenyl-phenylether	16.374	248	444420	36.975	ng/ul	97
69) Hexachlorobenzene	16.480	284	499909	34.320	ng/ul	94
70) Atrazine	16.657	200	119949	9.460	ng/ul	97
71) Pentachlorophenol	16.833	266	253677	31.590	ng/ul	99
72) Phenanthrene	17.221	178	2407283	35.276	ng/ul	98
74) Anthracene	17.315	178	2398206	35.054	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.233	216	644207	33.075	ng/uL	97
76) Pentachlorobenzene	14.751	250	622896	34.251	ng/uL	100
77) Carbazole	17.592	167	2082515	32.511	ng/ul	99
78) Di-n-butylphthalate	18.151	149	2685900	38.336	ng/ul	99
80) Fluoranthene	19.239	202	2359133	40.746	ng/ul	99
82) Pyrene	19.603	202	2370613	39.236	ng/ul	99
83) Butylbenzylphthalate	20.503	149	923830	40.871	ng/ul	89
84) 3,3'-Dichlorobenzidine	21.286	252	637494	33.521	ng/ul	97
85) Benzo(a)anthracene	21.344	228	1930668	34.787	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.280	149	1306450	41.862	ng/ul	97
87) Chrysene	21.403	228	1865934	34.217	ng/ul	99
89) Di-n-octyl phthalate	22.180	149	1995818	39.154	ng/ul	100
90) Benzo(b)fluoranthene	22.980	252	1863944	35.654	ng/ul	99
91) Benzo(k)fluoranthene	23.027	252	1788835	35.965	ng/ul	99
93) Benzo(a)pyrene	23.586	252	1832532	35.631	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.103	276	2061812	34.097	ng/ul	98
95) Dibenzo(a,h)anthracene	26.115	278	1773479	34.046	ng/ul	99
96) Benzo(g,h,i)perylene	26.844	276	1729950	33.454	ng/ul	99

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

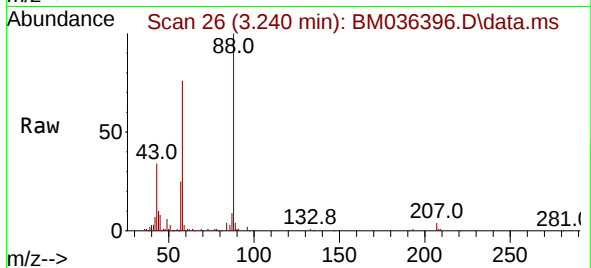
Quant Time: Aug 24 01:02:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 23 00:55:01 2022
Response via : Initial Calibration



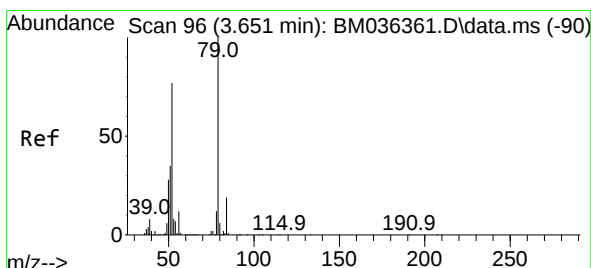
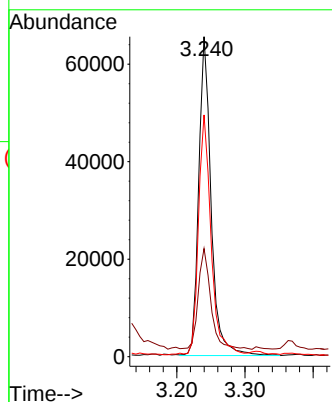
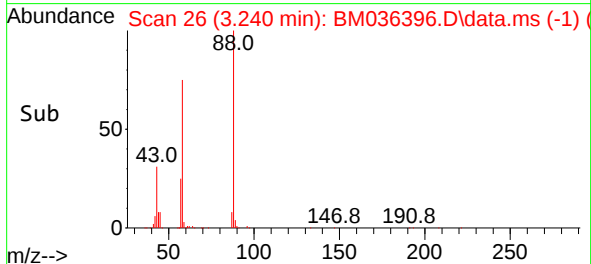


#2
1,4-Dioxane
Concen: 11.879 ng/uL
RT: 3.240 min Scan# 20
Delta R.T. 0.000 min
Lab File: BM036396.D
Acq: 23 Aug 2022 18:54

Instrument :
BNA_M
ClientSampleId :

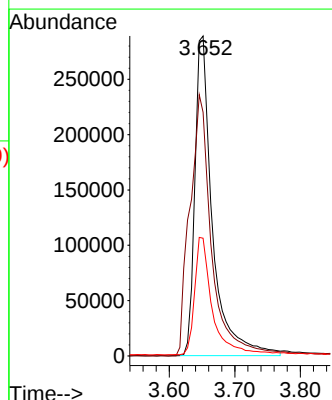
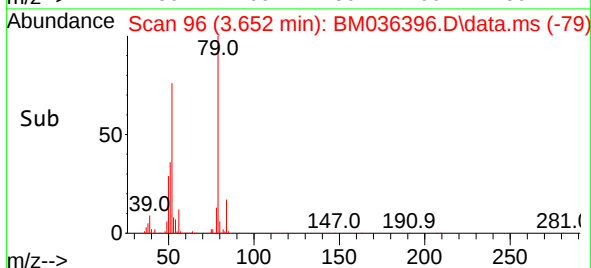
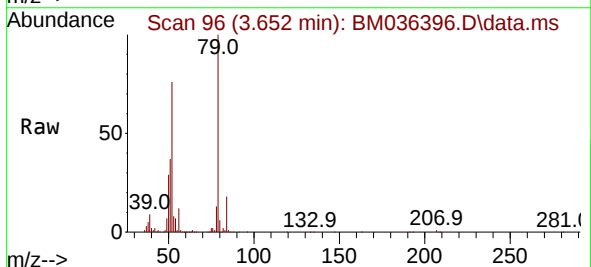


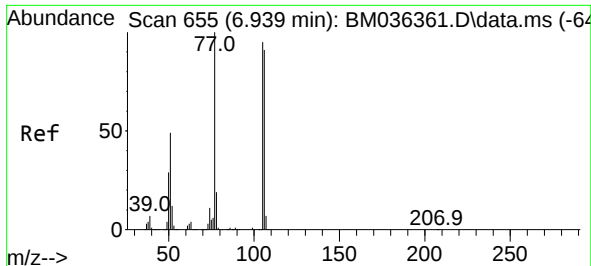
Tgt Ion: 88 Resp: 82240
Ion Ratio Lower Upper
88 100
43 33.8 27.8 41.8
58 75.5 61.8 92.8



#5
Pyridine
Concen: 28.925 ng/uL
RT: 3.652 min Scan# 96
Delta R.T. 0.000 min
Lab File: BM036396.D
Acq: 23 Aug 2022 18:54

Tgt Ion: 79 Resp: 541622
Ion Ratio Lower Upper
79 100
52 76.2 67.8 101.6
51 36.8 31.4 47.0

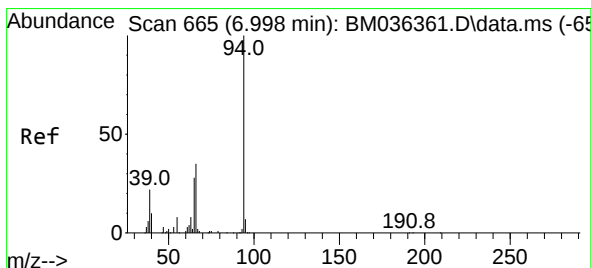
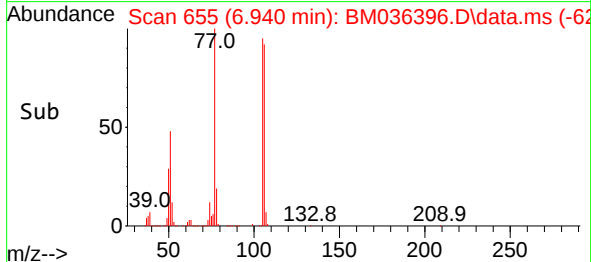
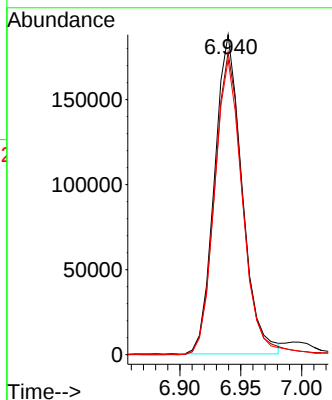
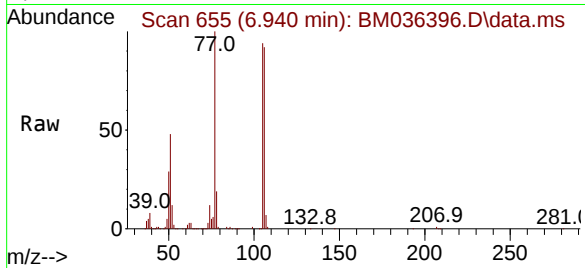




#6
Benzaldehyde
Concen: 33.663 ng/ul
RT: 6.940 min Scan# 655
Delta R.T. 0.000 min
Lab File: BM036396.D
Acq: 23 Aug 2022 18:54

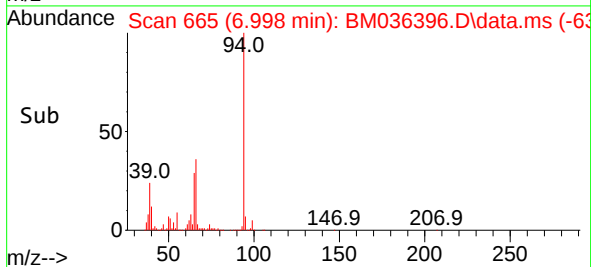
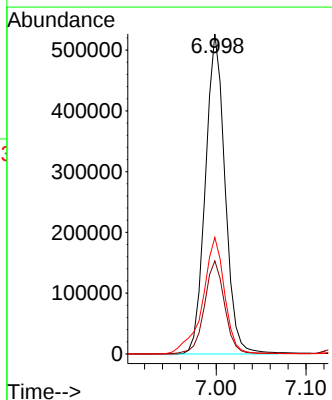
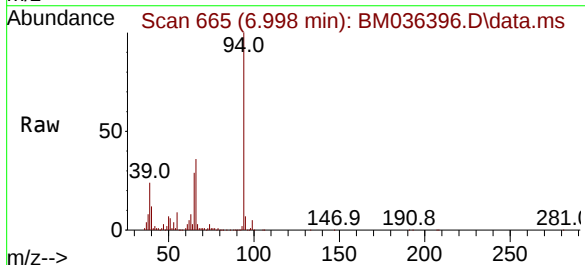
Instrument :
BNA_M
ClientSampleId :

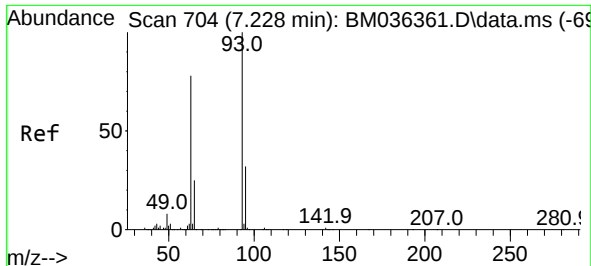
Tgt Ion: 77 Resp: 295675
Ion Ratio Lower Upper
77 100
105 94.5 84.6 127.0
106 92.1 80.3 120.5



#8
Phenol
Concen: 35.991 ng/ul
RT: 6.998 min Scan# 665
Delta R.T. 0.000 min
Lab File: BM036396.D
Acq: 23 Aug 2022 18:54

Tgt Ion: 94 Resp: 800145
Ion Ratio Lower Upper
94 100
65 29.1 21.3 31.9
66 36.4 27.4 41.0



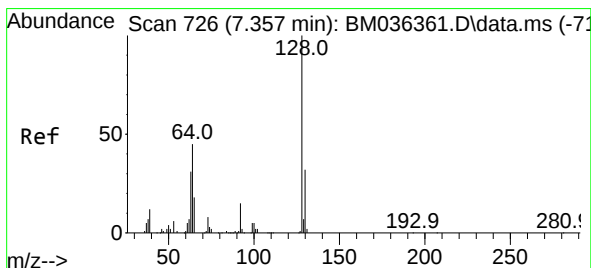
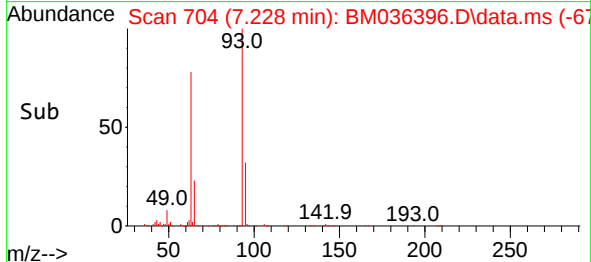
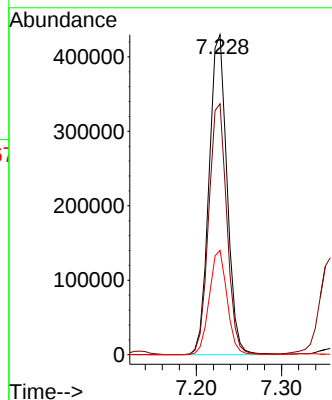
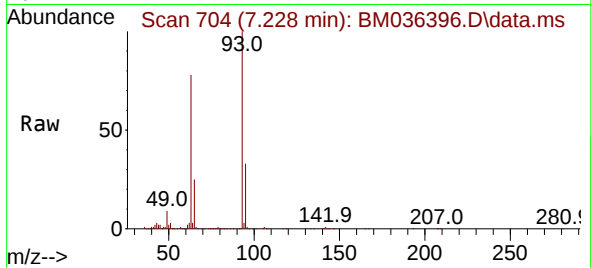


#10
Bis(2-Chloroethyl)ether
Concen: 35.539 ng/ul
RT: 7.228 min Scan# 704
Delta R.T. 0.000 min
Lab File: BM036396.D
Acq: 23 Aug 2022 18:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 93 Resp: 631933

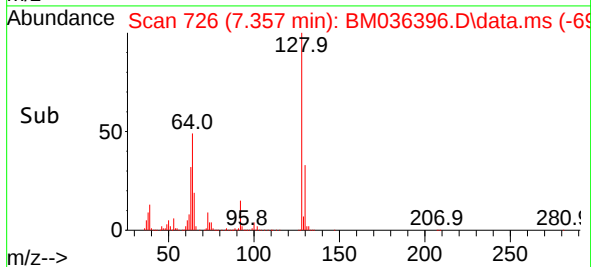
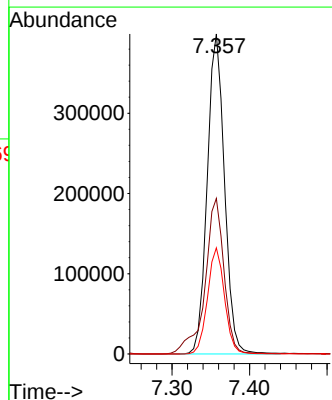
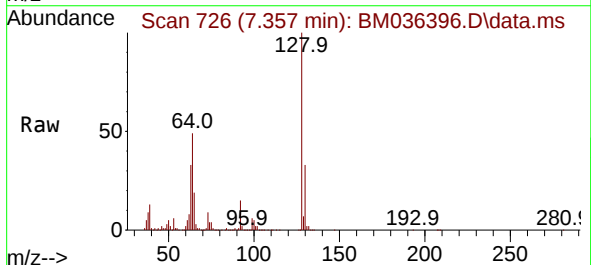
Ion	Ratio	Lower	Upper
93	100		
63	78.4	64.0	96.0
95	32.6	25.8	38.6

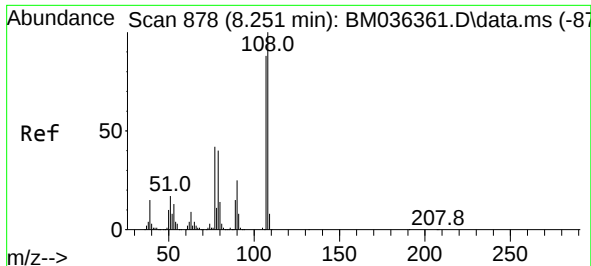


#12
2-Chlorophenol
Concen: 35.110 ng/ul
RT: 7.357 min Scan# 726
Delta R.T. 0.000 min
Lab File: BM036396.D
Acq: 23 Aug 2022 18:54

Tgt Ion:128 Resp: 616834

Ion	Ratio	Lower	Upper
128	100		
64	48.6	36.9	55.3
130	33.2	25.6	38.4

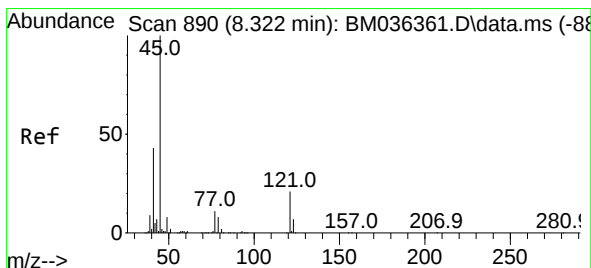
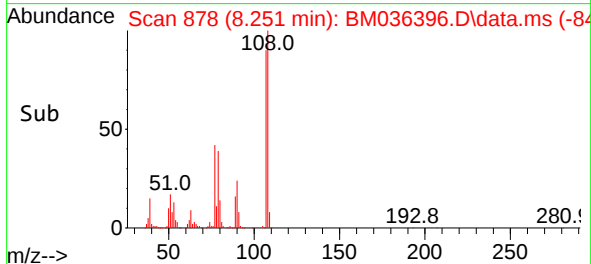
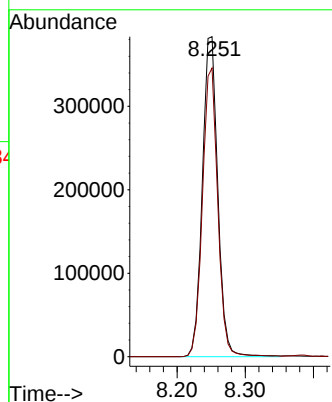
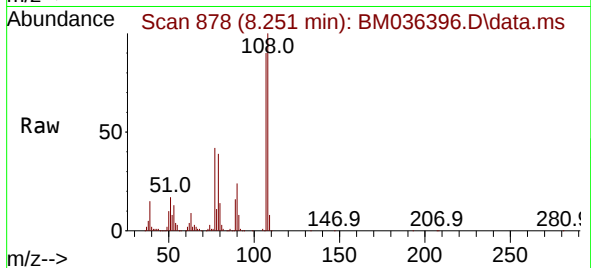




#13
2-Methylphenol
Concen: 36.850 ng/ul
RT: 8.251 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM036396.D
Acq: 23 Aug 2022 18:54

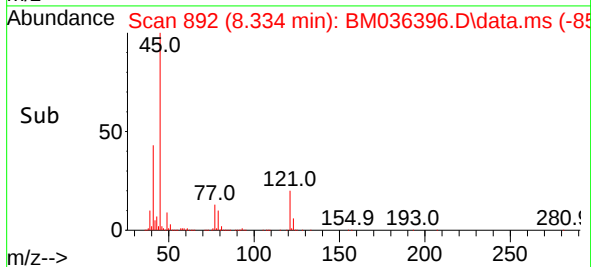
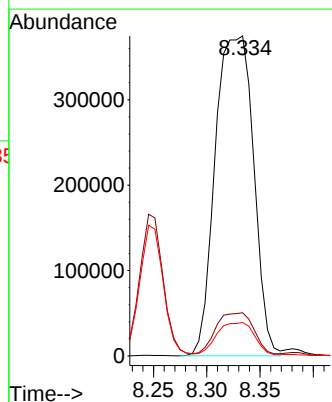
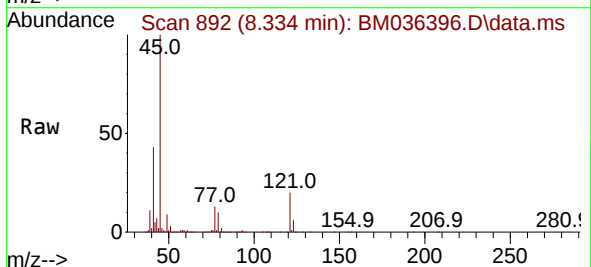
Instrument :
BNA_M
ClientSampleId :

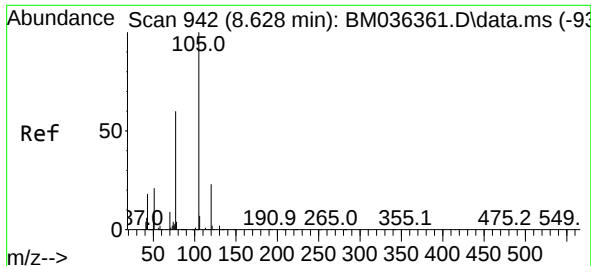
Tgt Ion:108 Resp: 603890
Ion Ratio Lower Upper
108 100
107 90.2 75.0 112.4



#14
2,2'-oxybis(1-Chloropropane)
Concen: 39.383 ng/ul
RT: 8.334 min Scan# 892
Delta R.T. 0.000 min
Lab File: BM036396.D
Acq: 23 Aug 2022 18:54

Tgt Ion: 45 Resp: 936924
Ion Ratio Lower Upper
45 100
77 13.5 10.6 15.8
79 10.5 8.3 12.5

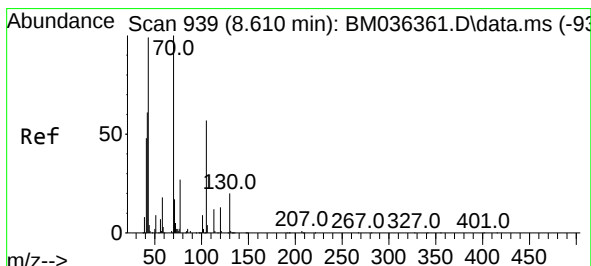
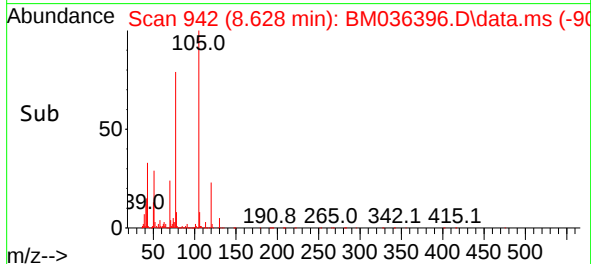
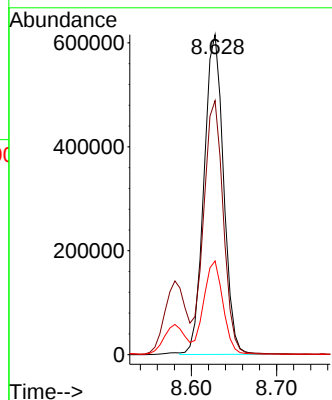
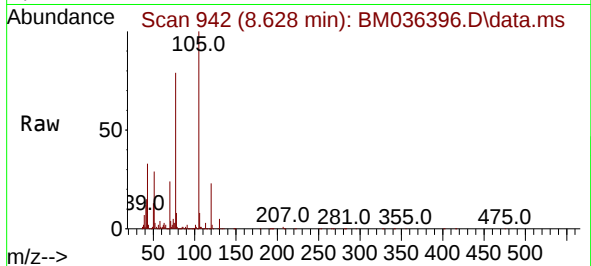




#16
Acetophenone
Concen: 38.079 ng/ul
RT: 8.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BM036396.D
Acq: 23 Aug 2022 18:54

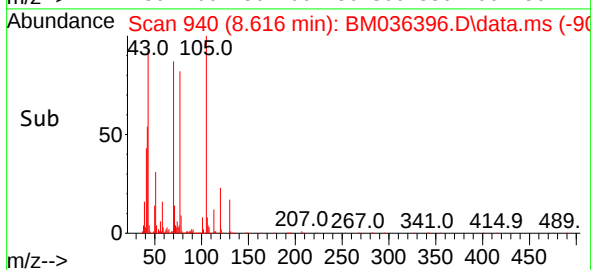
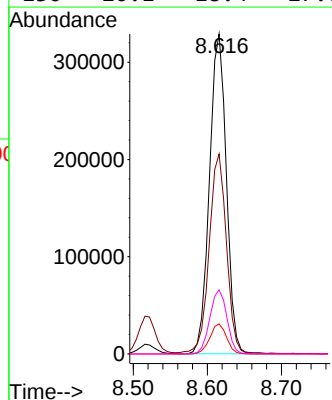
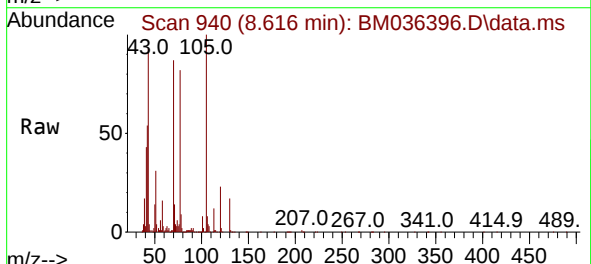
Instrument :
BNA_M
ClientSampleId :

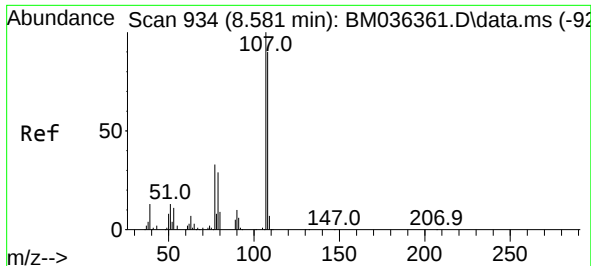
Tgt Ion:105 Resp: 977831
Ion Ratio Lower Upper
105 100
77 79.4 59.8 89.6
51 29.3 22.1 33.1



#17
N-Nitroso-di-n-propylamine
Concen: 40.722 ng/ul
RT: 8.616 min Scan# 940
Delta R.T. 0.006 min
Lab File: BM036396.D
Acq: 23 Aug 2022 18:54

Tgt Ion: 70 Resp: 520471
Ion Ratio Lower Upper
70 100
42 62.5 49.6 74.4
101 9.4 8.1 12.1
130 20.1 18.4 27.6

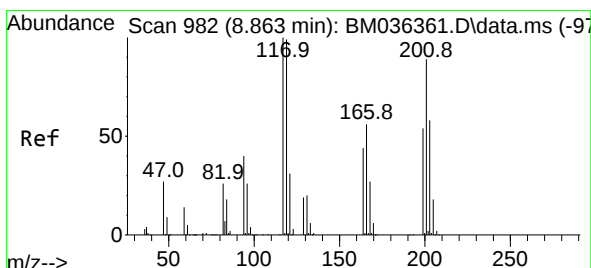
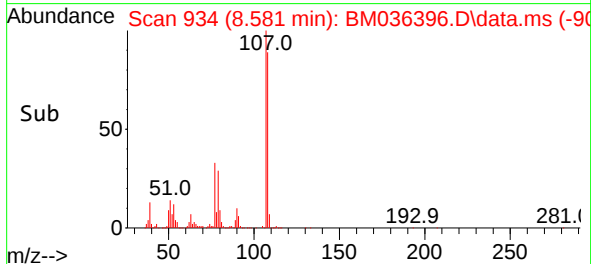
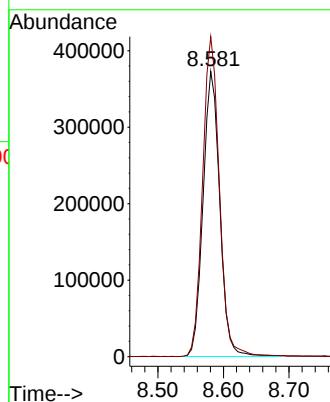
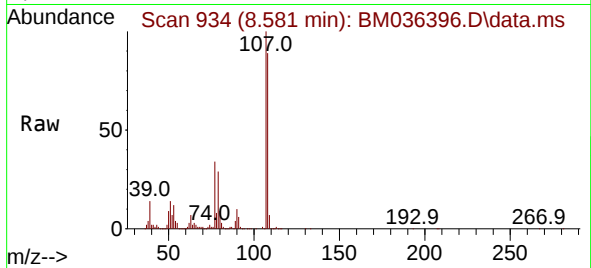




#18
4-Methylphenol
Concen: 37.729 ng/ul
RT: 8.581 min Scan# 918
Delta R.T. 0.000 min
Lab File: BM036396.D
Acq: 23 Aug 2022 18:54

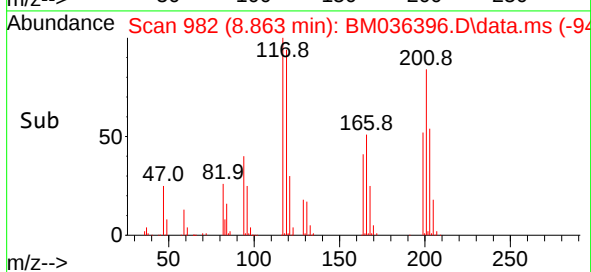
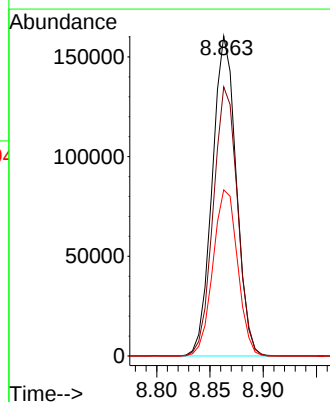
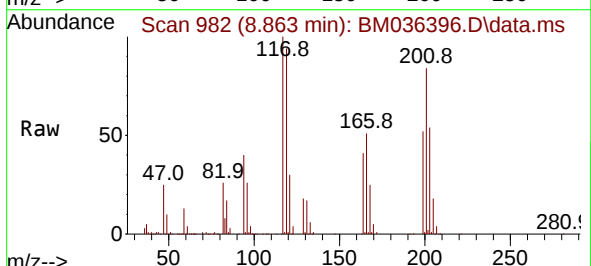
Instrument :
BNA_M
ClientSampleId :

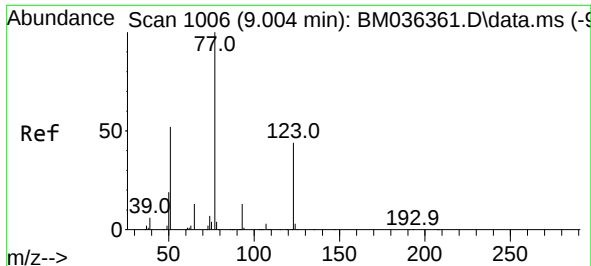
Tgt Ion:108 Resp: 661849
Ion Ratio Lower Upper
108 100
107 112.1 90.3 135.5



#19
Hexachloroethane
Concen: 34.156 ng/ul
RT: 8.863 min Scan# 982
Delta R.T. 0.000 min
Lab File: BM036396.D
Acq: 23 Aug 2022 18:54

Tgt Ion:117 Resp: 251048
Ion Ratio Lower Upper
117 100
201 86.2 81.8 122.6
199 51.9 51.6 77.4

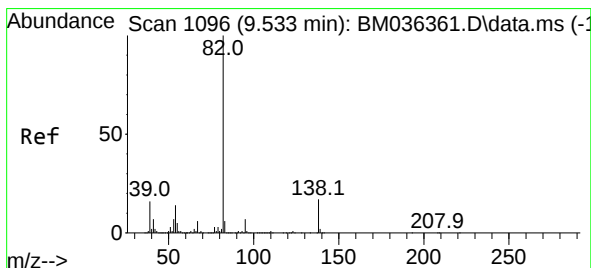
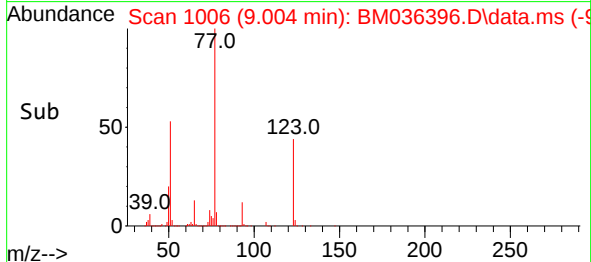
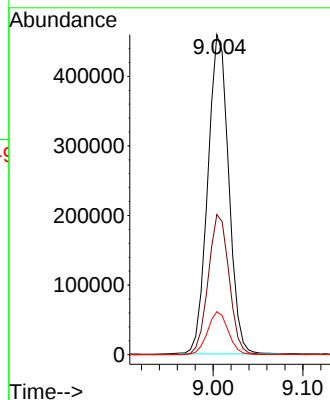
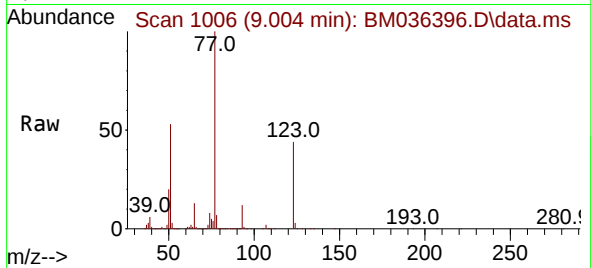




#22
Nitrobenzene
Concen: 35.516 ng/ul
RT: 9.004 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BM036396.D
Acq: 23 Aug 2022 18:54

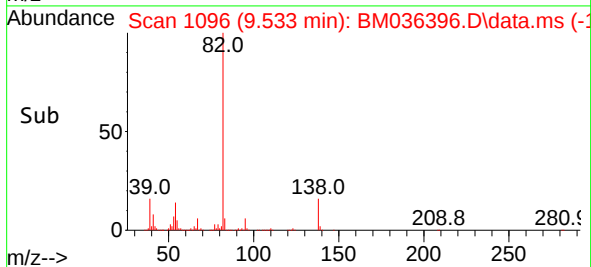
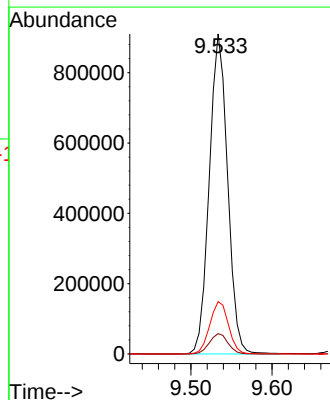
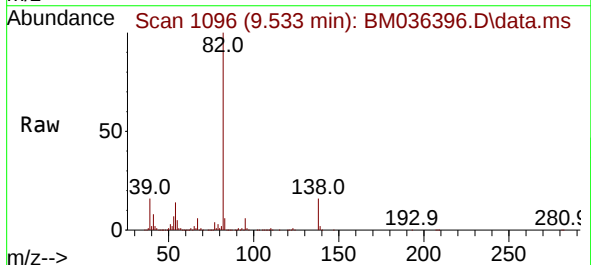
Instrument :
BNA_M
ClientSampleId :

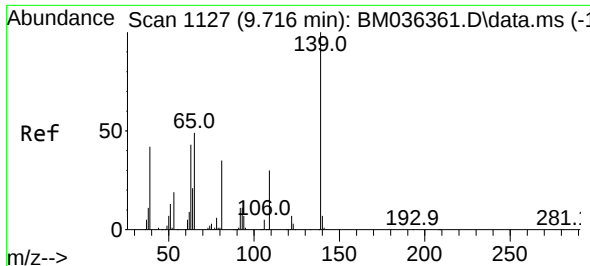
Tgt Ion: 77 Resp: 741878
Ion Ratio Lower Upper
77 100
123 43.8 37.4 56.0
65 13.5 10.8 16.2



#23
Isophorone
Concen: 38.433 ng/ul
RT: 9.533 min Scan# 1096
Delta R.T. 0.000 min
Lab File: BM036396.D
Acq: 23 Aug 2022 18:54

Tgt Ion: 82 Resp: 1425649
Ion Ratio Lower Upper
82 100
95 6.4 5.5 8.3
138 16.4 15.3 22.9

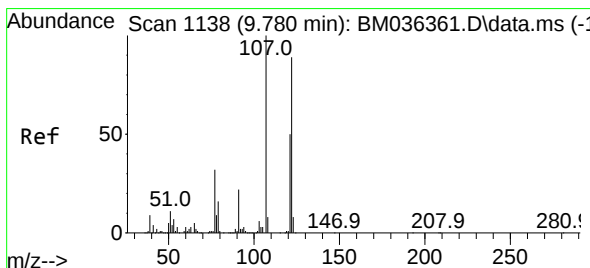
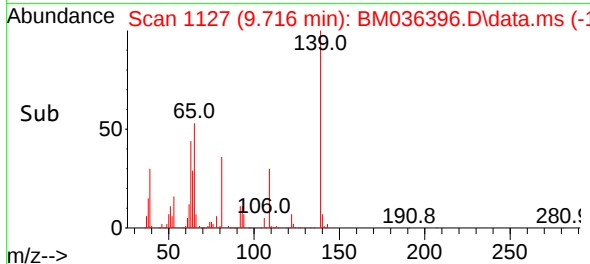
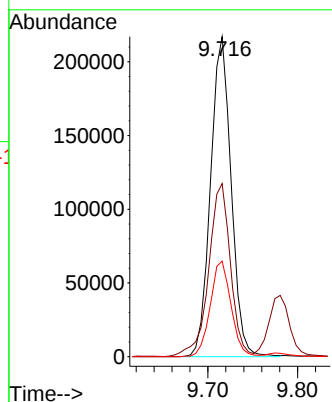
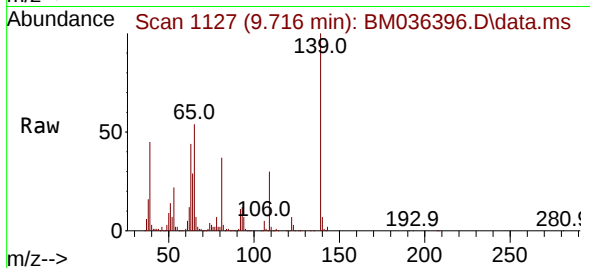




#25
2-Nitrophenol
Concen: 34.729 ng/ul
RT: 9.716 min Scan# 1127
Delta R.T. 0.000 min
Lab File: BM036396.D
Acq: 23 Aug 2022 18:54

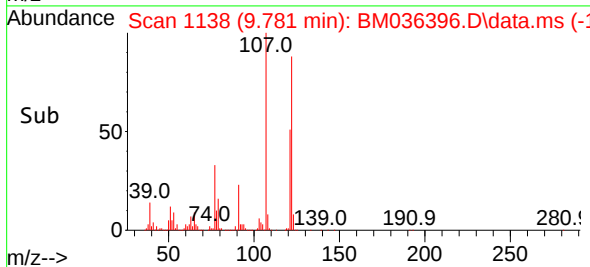
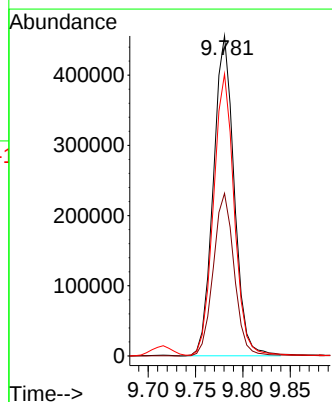
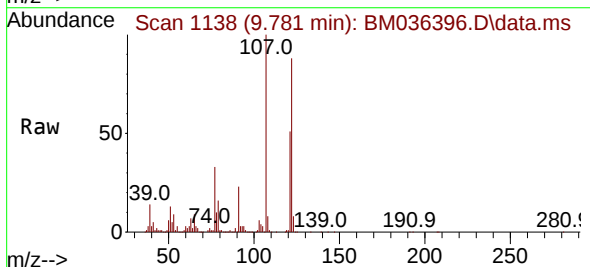
Instrument :
BNA_M
ClientSampleId :

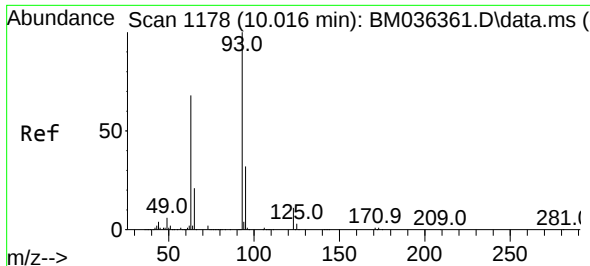
Tgt Ion:139 Resp: 345995
Ion Ratio Lower Upper
139 100
65 54.1 39.8 59.6
109 29.8 22.2 33.4



#26
2,4-Dimethylphenol
Concen: 34.961 ng/ul
RT: 9.781 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BM036396.D
Acq: 23 Aug 2022 18:54

Tgt Ion:107 Resp: 696557
Ion Ratio Lower Upper
107 100
121 50.8 42.7 64.1
122 88.1 71.5 107.3

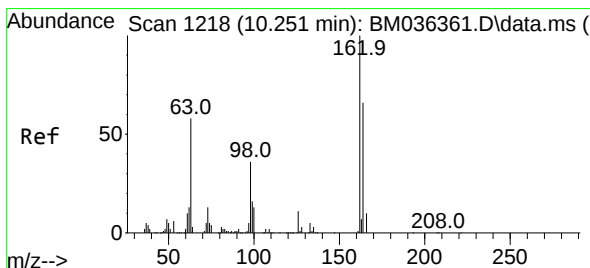
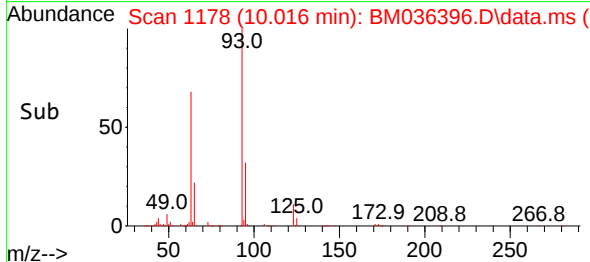
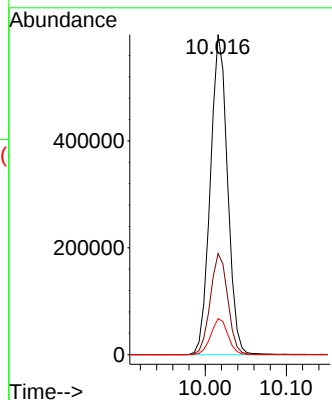
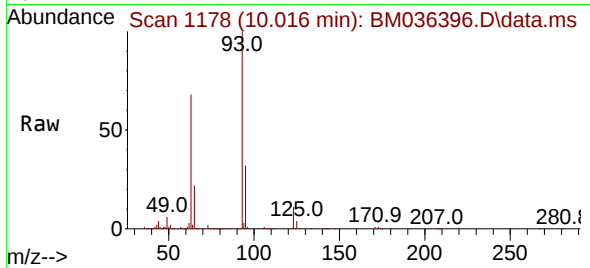




#27
 Bis(2-Chloroethoxy)methane
 Concen: 36.450 ng/ul
 RT: 10.016 min Scan# 1178
 Delta R.T. 0.000 min
 Lab File: BM036396.D
 Acq: 23 Aug 2022 18:54

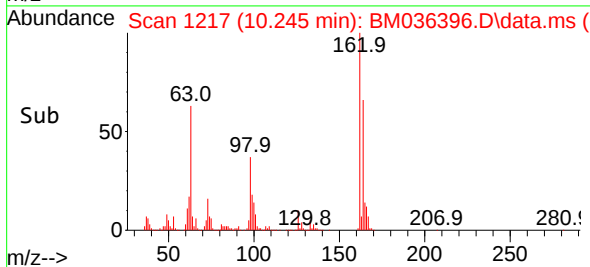
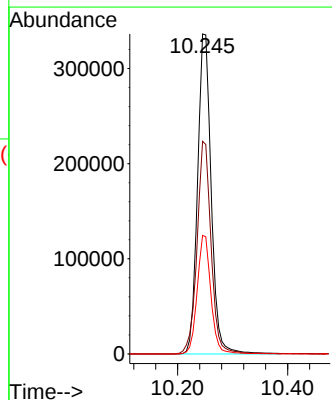
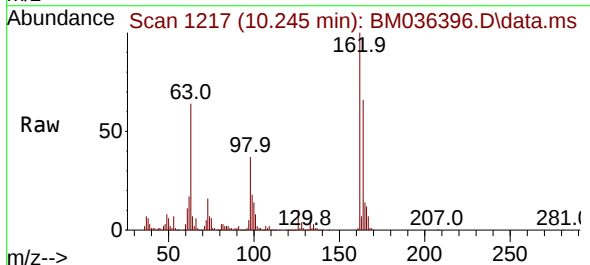
Instrument :
 BNA_M
 ClientSampleId :

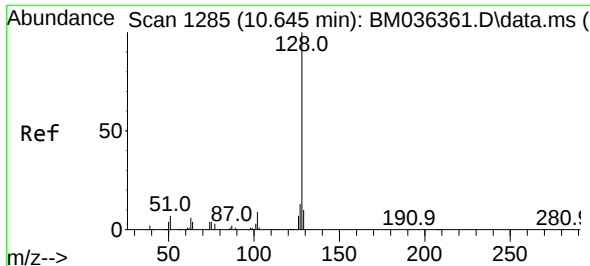
Tgt Ion: 93 Resp: 880236
 Ion Ratio Lower Upper
 93 100
 95 31.6 26.1 39.1
 123 11.2 9.4 14.0



#29
 2,4-Dichlorophenol
 Concen: 35.587 ng/ul
 RT: 10.245 min Scan# 1217
 Delta R.T. -0.006 min
 Lab File: BM036396.D
 Acq: 23 Aug 2022 18:54

Tgt Ion: 162 Resp: 581755
 Ion Ratio Lower Upper
 162 100
 164 66.5 51.8 77.6
 98 37.0 29.5 44.3

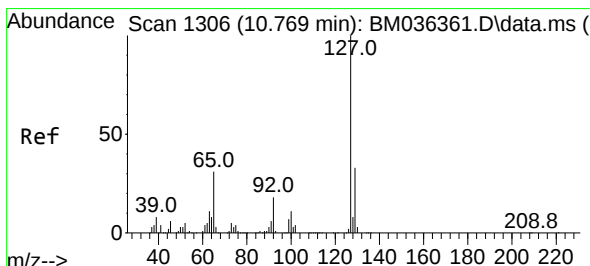
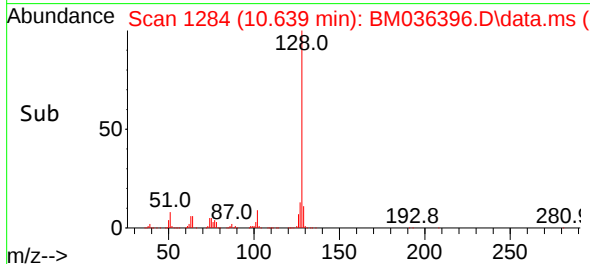
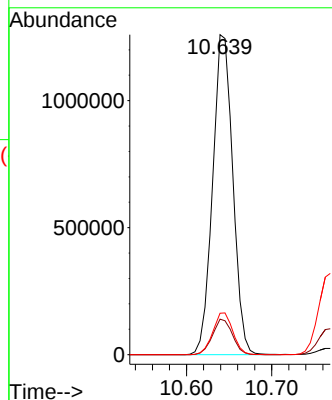
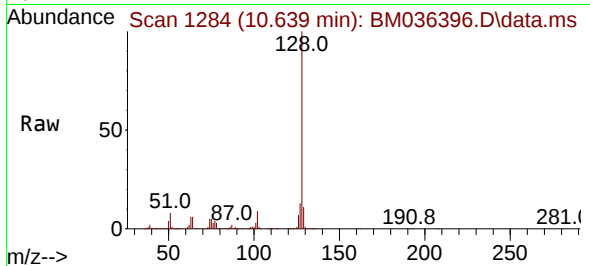




#30
Naphthalene
Concen: 33.967 ng/ul
RT: 10.639 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BM036396.D
Acq: 23 Aug 2022 18:54

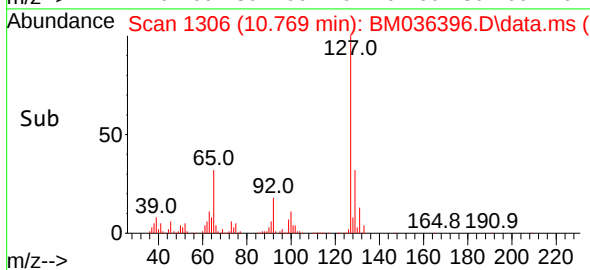
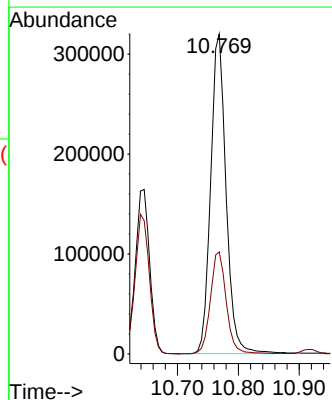
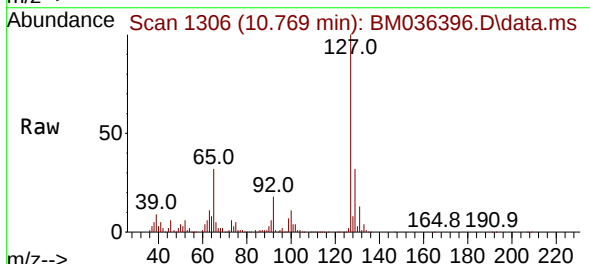
Instrument :
BNA_M
ClientSampleId :

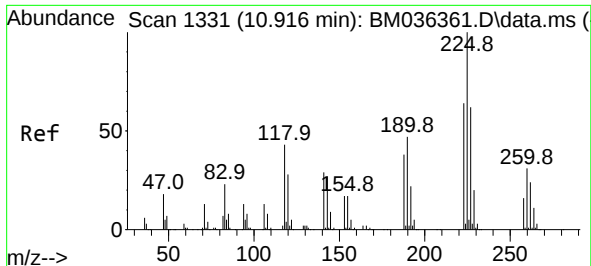
Tgt Ion:128 Resp: 2072923
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 12.9 10.6 16.0



#32
4-Chloroaniline
Concen: 22.324 ng/ul
RT: 10.769 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BM036396.D
Acq: 23 Aug 2022 18:54

Tgt Ion:127 Resp: 562451
Ion Ratio Lower Upper
127 100
129 31.9 25.3 37.9

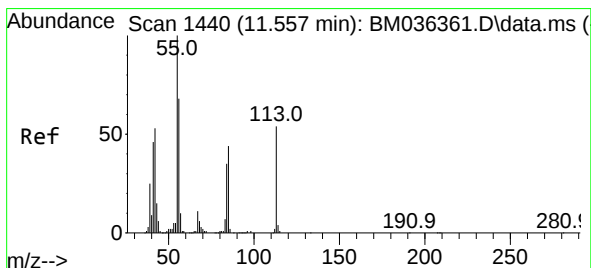
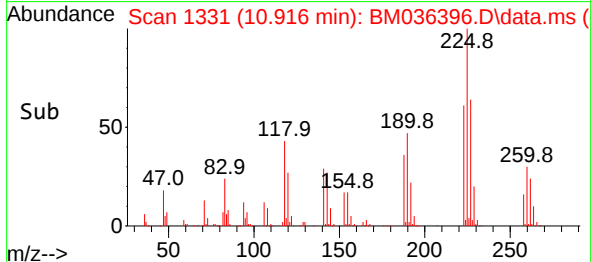
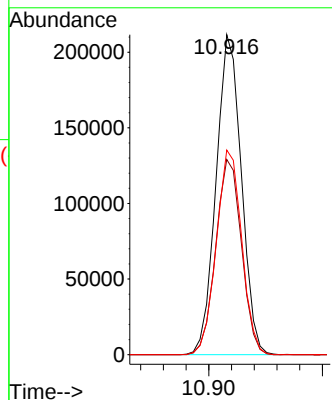
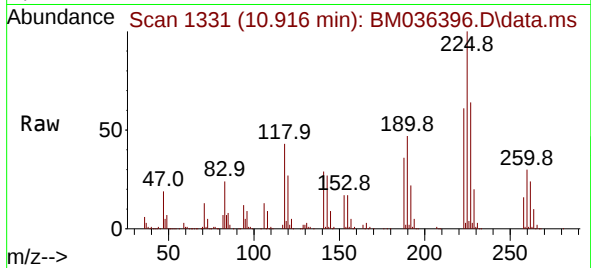




#33
Hexachlorobutadiene
Concen: 31.831 ng/ul
RT: 10.916 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BM036396.D
Acq: 23 Aug 2022 18:54

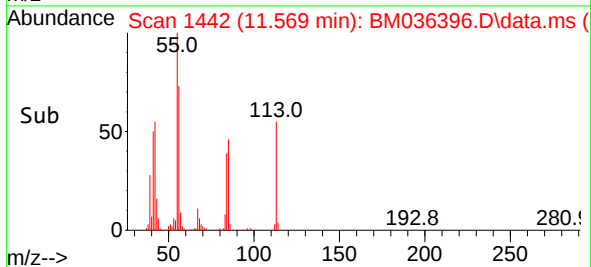
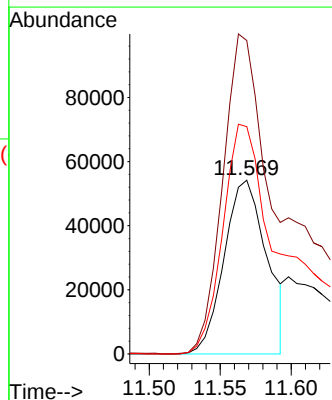
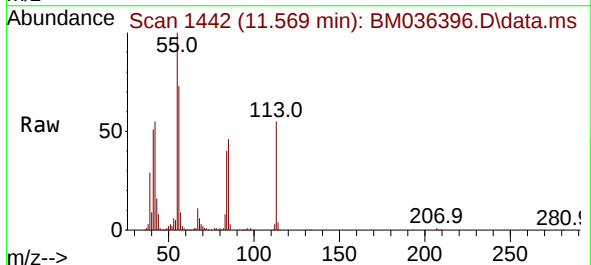
Instrument :
BNA_M
ClientSampleId :

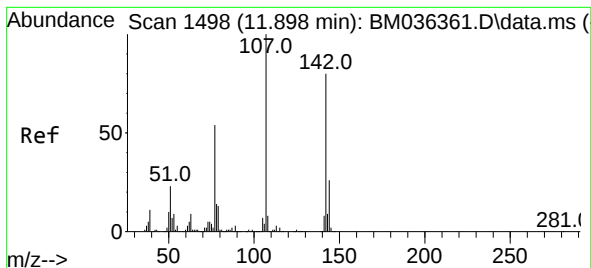
Tgt Ion:225 Resp: 326907
Ion Ratio Lower Upper
225 100
223 61.0 50.0 75.0
227 64.0 49.9 74.9



#34
Caprolactam
Concen: 23.136 ng/ul
RT: 11.569 min Scan# 1442
Delta R.T. 0.012 min
Lab File: BM036396.D
Acq: 23 Aug 2022 18:54

Tgt Ion:113 Resp: 113321
Ion Ratio Lower Upper
113 100
55 180.4 150.2 225.4
56 130.9 102.1 153.1

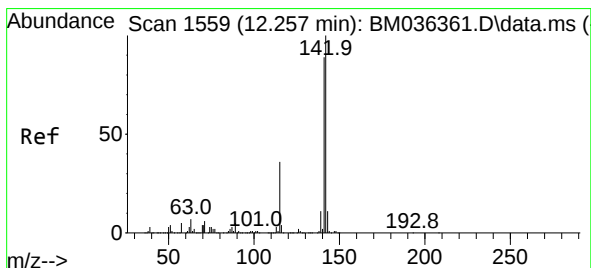
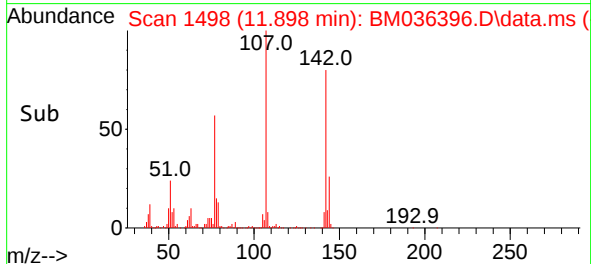
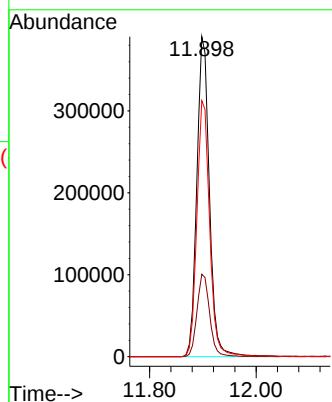
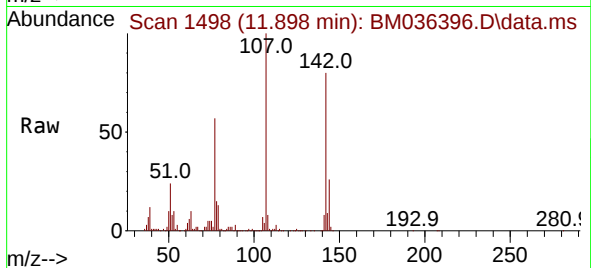




#35
 4-Chloro-3-methylphenol
 Concen: 38.742 ng/ul
 RT: 11.898 min Scan# 1498
 Delta R.T. 0.000 min
 Lab File: BM036396.D
 Acq: 23 Aug 2022 18:54

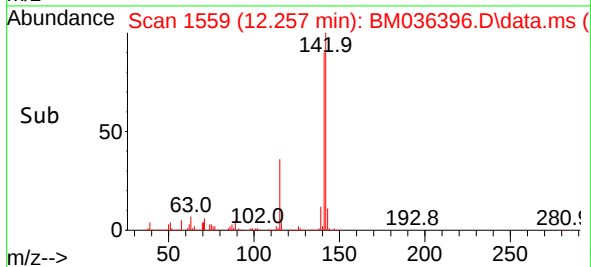
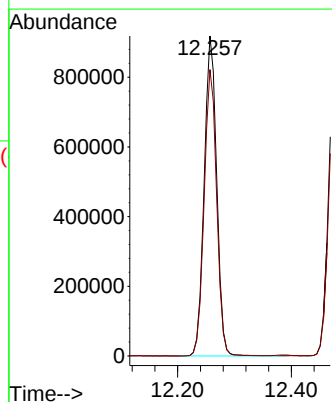
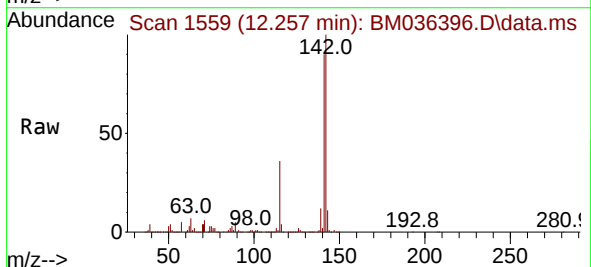
Instrument :
 BNA_M
 ClientSampleId :

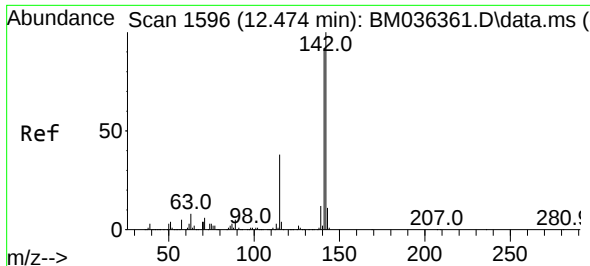
Tgt Ion:107 Resp: 640356
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.3 30.5
 142 80.0 64.4 96.6



#36
 2-Methylnaphthalene
 Concen: 36.441 ng/ul
 RT: 12.257 min Scan# 1559
 Delta R.T. 0.000 min
 Lab File: BM036396.D
 Acq: 23 Aug 2022 18:54

Tgt Ion:142 Resp: 1395311
 Ion Ratio Lower Upper
 142 100
 141 89.5 70.7 106.1





#37

1-Methylnaphthalene

Concen: 36.357 ng/ul

RT: 12.480 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM036396.D

Acq: 23 Aug 2022 18:54

Instrument :

BNA_M

ClientSampleId :

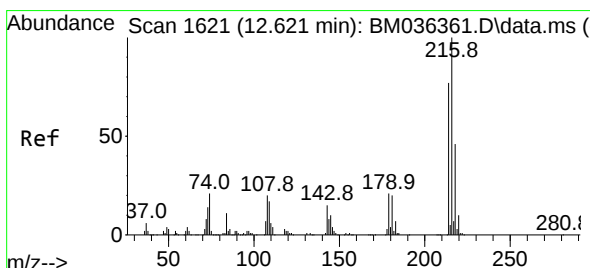
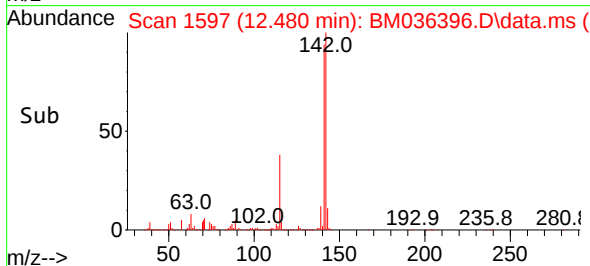
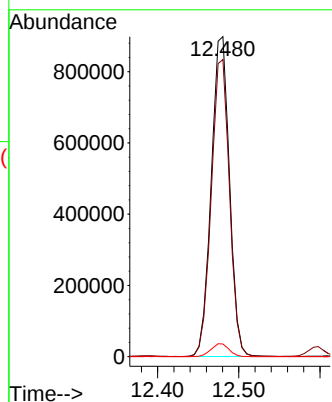
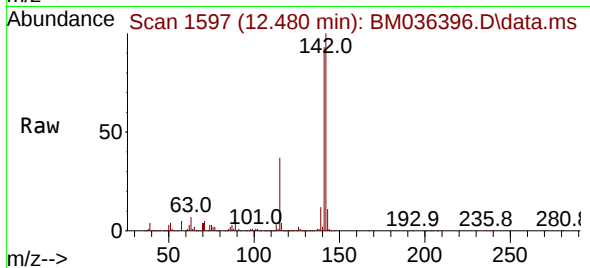
Tgt Ion:142 Resp: 1402012

Ion Ratio Lower Upper

142 100

141 92.8 75.2 112.8

116 4.0 2.6 3.8#



#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.758 ng/ul

RT: 12.627 min Scan# 1622

Delta R.T. 0.006 min

Lab File: BM036396.D

Acq: 23 Aug 2022 18:54

Tgt Ion:216 Resp: 648385

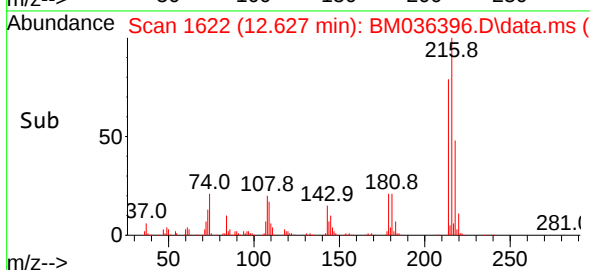
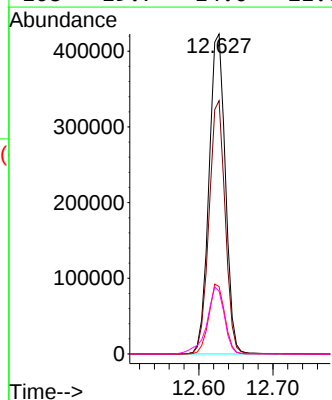
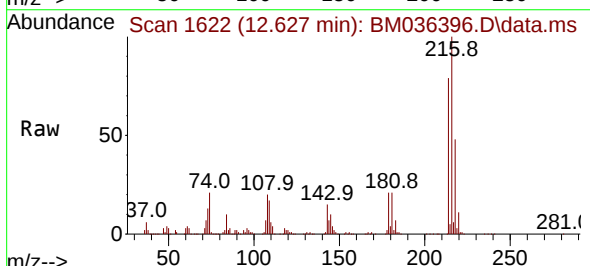
Ion Ratio Lower Upper

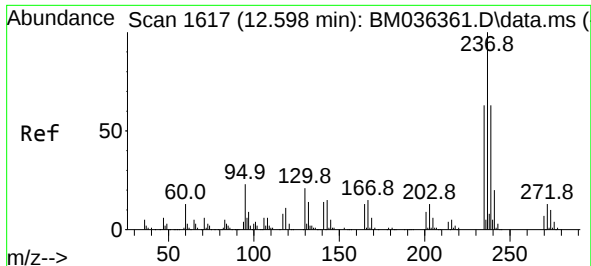
216 100

214 79.1 62.4 93.6

179 21.1 17.3 25.9

108 19.7 14.0 21.0

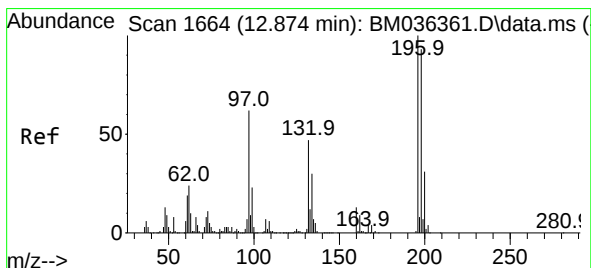
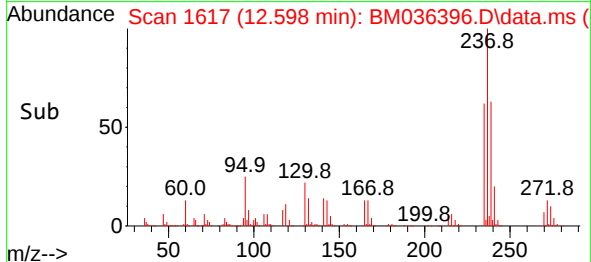
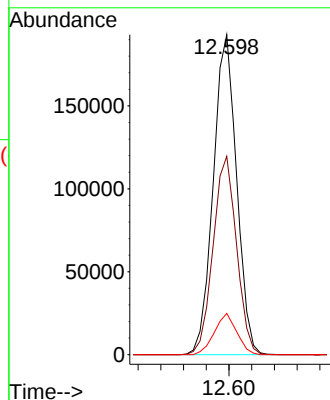
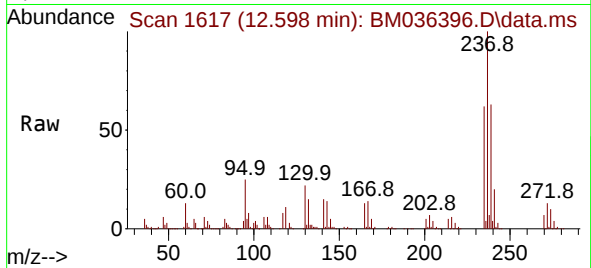




#40
Hexachlorocyclopentadiene
Concen: 23.437 ng/ul
RT: 12.598 min Scan# 1617
Delta R.T. 0.000 min
Lab File: BM036396.D
Acq: 23 Aug 2022 18:54

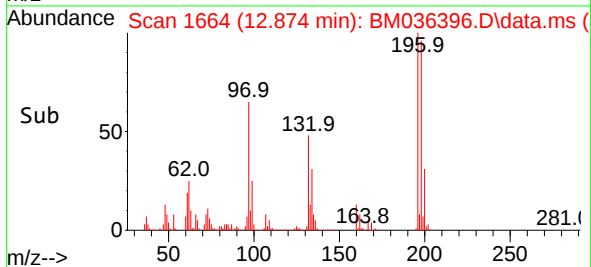
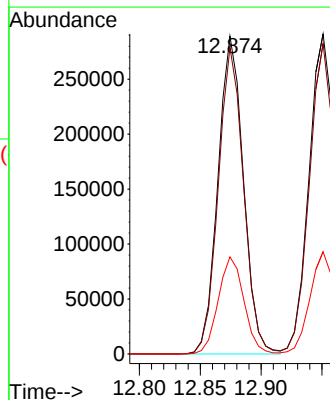
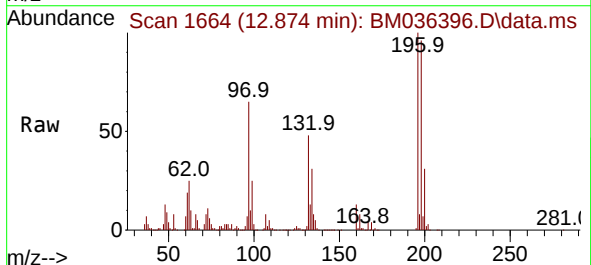
Instrument :
BNA_M
ClientSampleId :

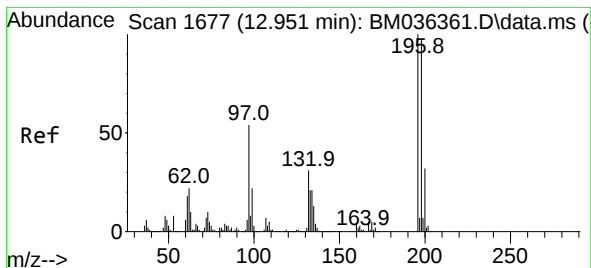
Tgt Ion:237 Resp: 275202
Ion Ratio Lower Upper
237 100
235 62.0 48.4 72.6
272 13.5 11.6 17.4



#41
2,4,6-Trichlorophenol
Concen: 33.844 ng/ul
RT: 12.874 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BM036396.D
Acq: 23 Aug 2022 18:54

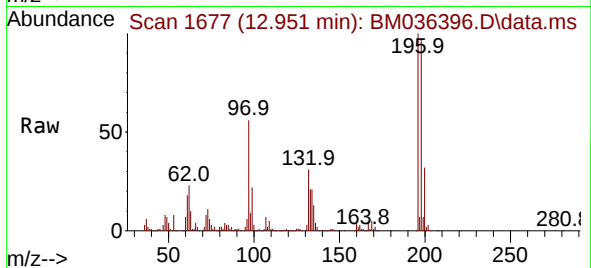
Tgt Ion:196 Resp: 421528
Ion Ratio Lower Upper
196 100
198 96.5 77.8 116.6
200 30.6 25.0 37.6



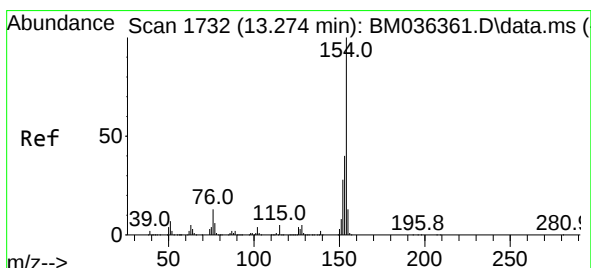
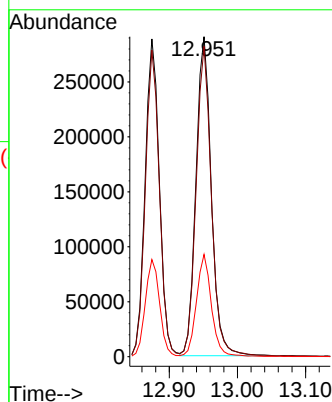
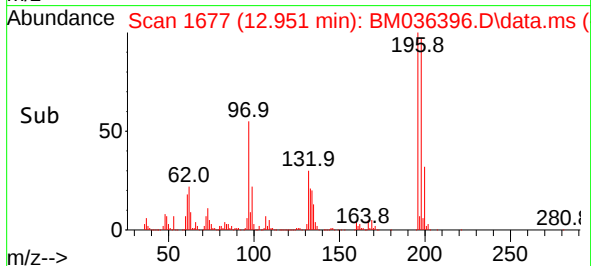


#42
2,4,5-Trichlorophenol
Concen: 34.402 ng/u1
RT: 12.951 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM036396.D
Acq: 23 Aug 2022 18:54

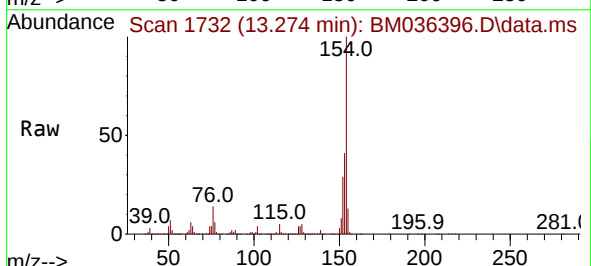
Instrument :
BNA_M
ClientSampleId :



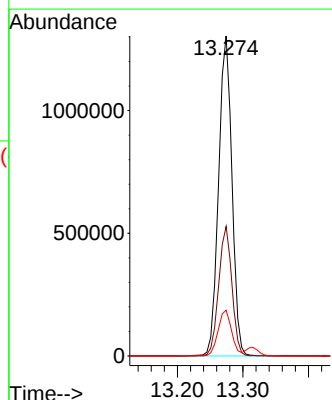
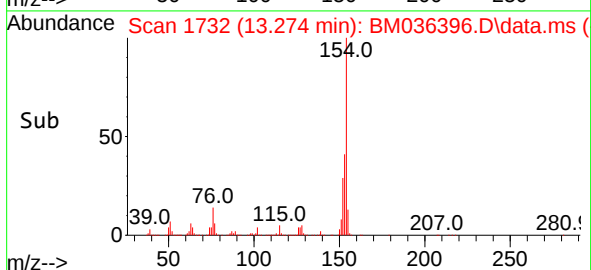
Tgt Ion:196 Resp: 454491
Ion Ratio Lower Upper
196 100
198 97.0 76.8 115.2
200 32.0 24.9 37.3

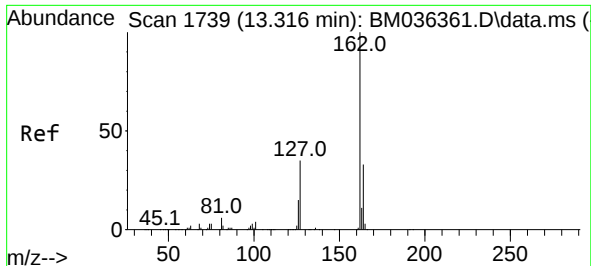


#43
1,1'-Biphenyl
Concen: 34.150 ng/u1
RT: 13.274 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BM036396.D
Acq: 23 Aug 2022 18:54



Tgt Ion:154 Resp: 1839260
Ion Ratio Lower Upper
154 100
153 40.5 32.4 48.6
76 14.3 10.1 15.1

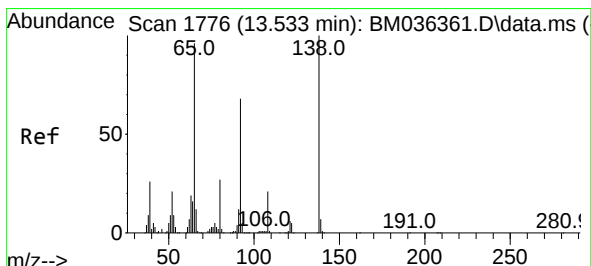
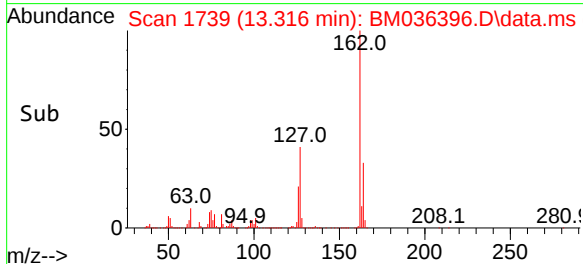
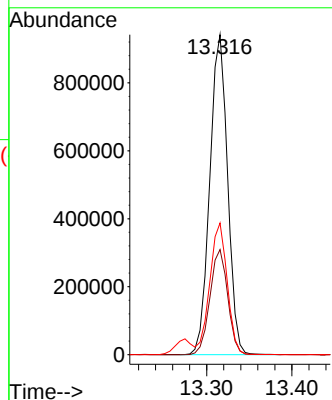
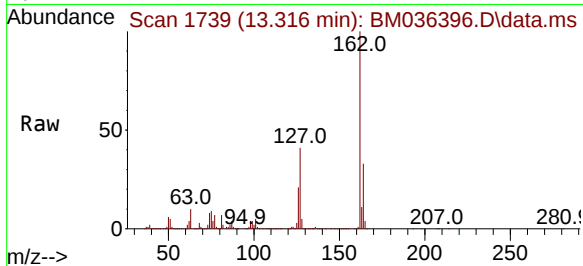




#44
2-Chloronaphthalene
Concen: 33.036 ng/ul
RT: 13.316 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BM036396.D
Acq: 23 Aug 2022 18:54

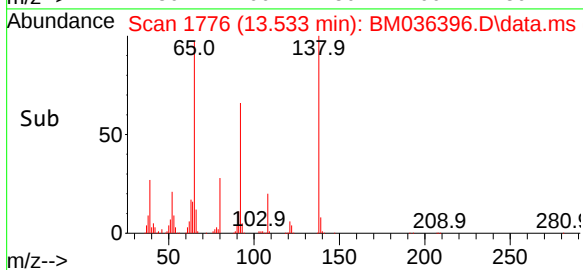
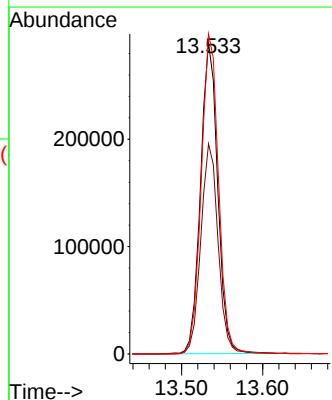
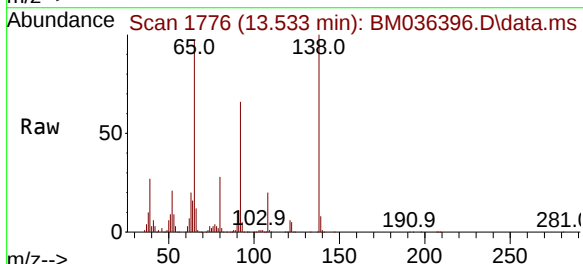
Instrument :
BNA_M
ClientSampleId :

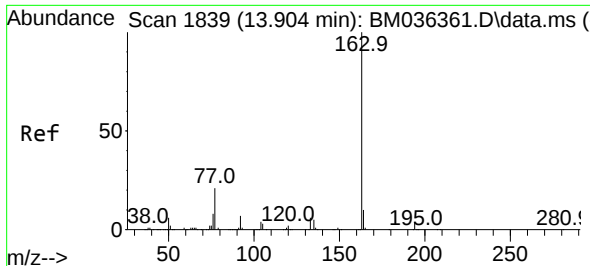
Tgt Ion:162 Resp: 1365327
Ion Ratio Lower Upper
162 100
164 32.9 25.4 38.0
127 41.1 31.6 47.4



#45
2-Nitroaniline
Concen: 38.138 ng/ul
RT: 13.533 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BM036396.D
Acq: 23 Aug 2022 18:54

Tgt Ion: 65 Resp: 426817
Ion Ratio Lower Upper
65 100
92 67.4 54.5 81.7
138 102.7 91.2 136.8

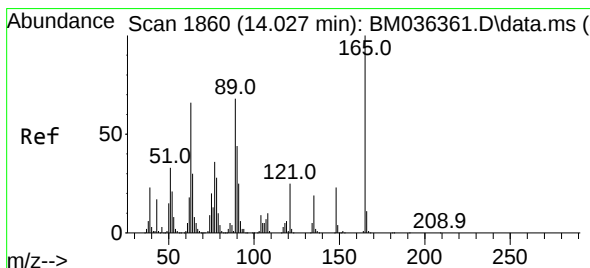
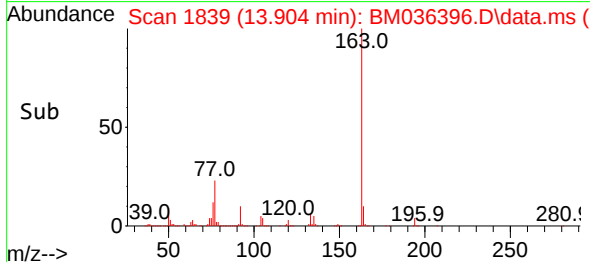
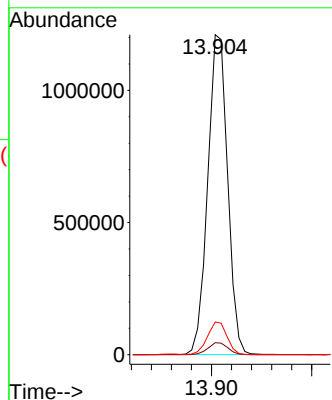
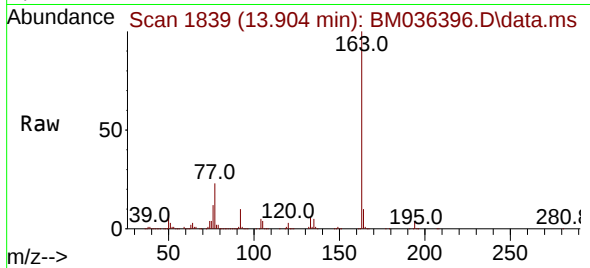




#47
Dimethylphthalate
Concen: 35.787 ng/ul
RT: 13.904 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BM036396.D
Acq: 23 Aug 2022 18:54

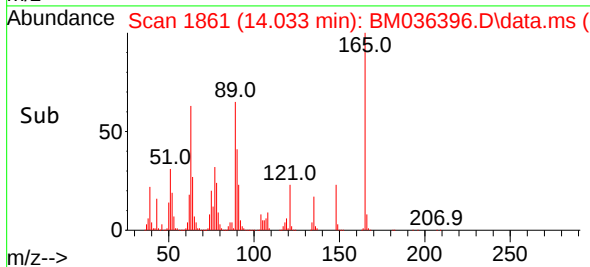
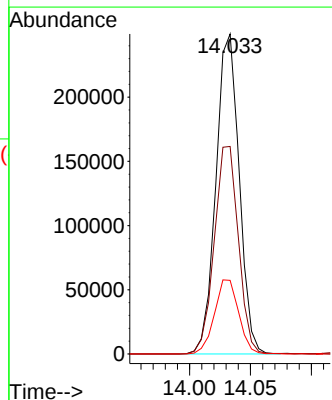
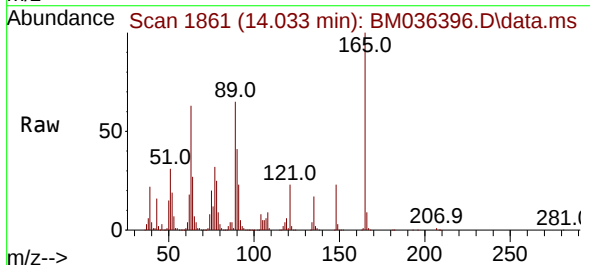
Instrument :
BNA_M
ClientSampleId :

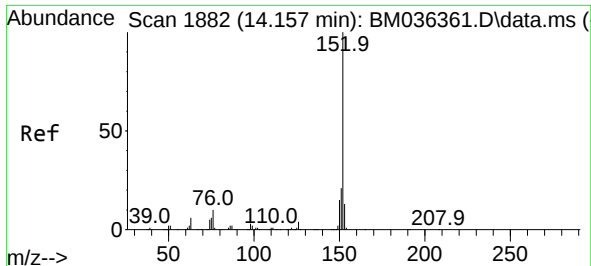
Tgt Ion:163 Resp: 1668889
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.2 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 37.637 ng/ul
RT: 14.033 min Scan# 1861
Delta R.T. 0.006 min
Lab File: BM036396.D
Acq: 23 Aug 2022 18:54

Tgt Ion:165 Resp: 331156
Ion Ratio Lower Upper
165 100
89 64.9 42.5 63.7#
121 23.0 17.2 25.8

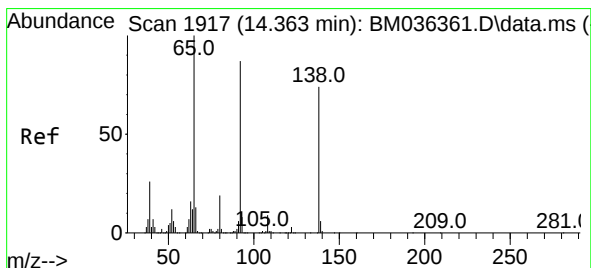
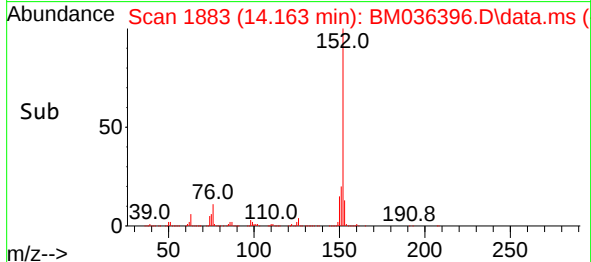
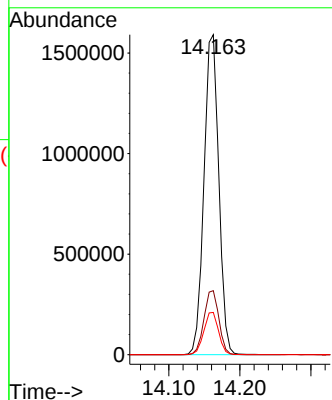
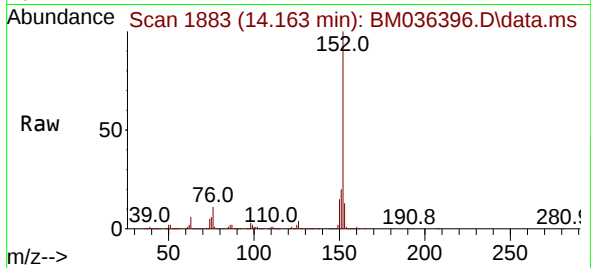




#50
Acenaphthylene
Concen: 34.688 ng/ul
RT: 14.163 min Scan# 1883
Delta R.T. 0.006 min
Lab File: BM036396.D
Acq: 23 Aug 2022 18:54

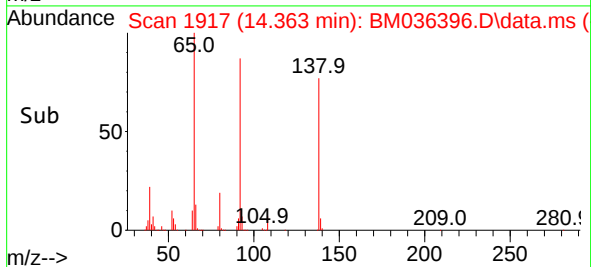
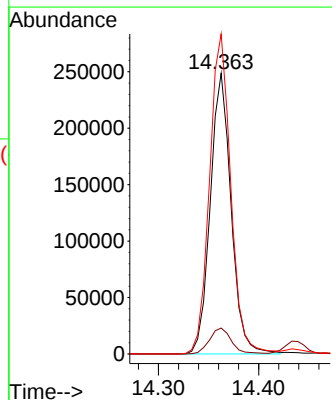
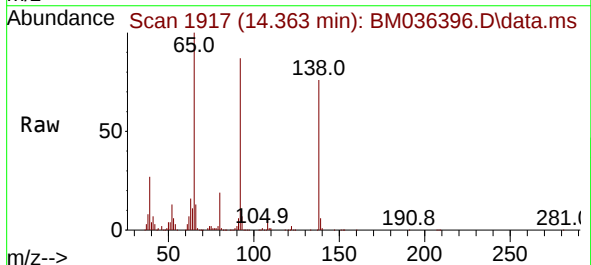
Instrument :
BNA_M
ClientSampleId :

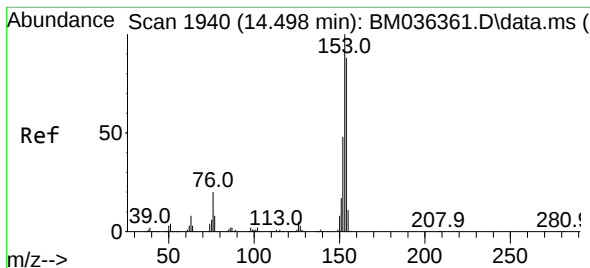
Tgt Ion:152 Resp: 2311384
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 13.2 10.6 15.8



#51
3-Nitroaniline
Concen: 37.353 ng/ul
RT: 14.363 min Scan# 1917
Delta R.T. 0.000 min
Lab File: BM036396.D
Acq: 23 Aug 2022 18:54

Tgt Ion:138 Resp: 359426
Ion Ratio Lower Upper
138 100
108 9.3 8.1 12.1
92 114.0 90.4 135.6





#52

Acenaphthene

Concen: 34.737 ng/ul

RT: 14.498 min Scan# 1940

Delta R.T. 0.000 min

Lab File: BM036396.D

Acq: 23 Aug 2022 18:54

Instrument :

BNA_M

ClientSampleId :

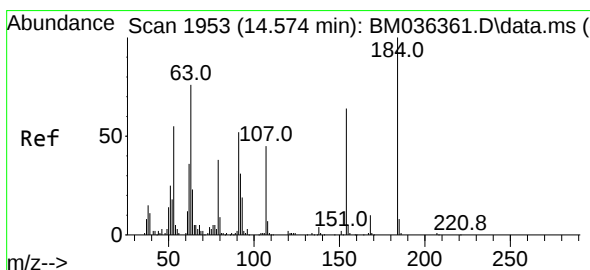
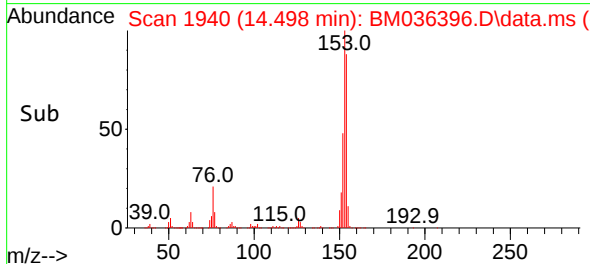
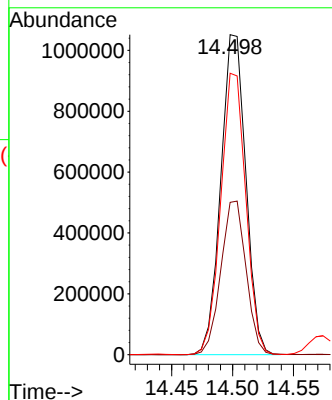
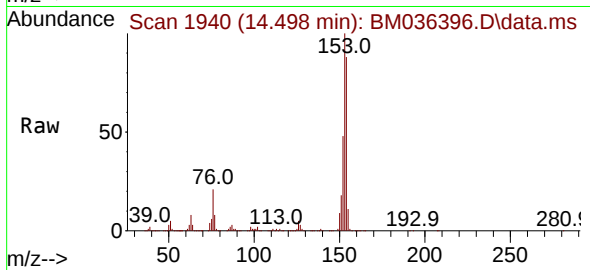
Tgt Ion:153 Resp: 1508684

Ion Ratio Lower Upper

153 100

152 47.6 37.1 55.7

154 88.0 71.3 106.9



#53

2,4-Dinitrophenol

Concen: 31.860 ng/ul

RT: 14.574 min Scan# 1953

Delta R.T. 0.000 min

Lab File: BM036396.D

Acq: 23 Aug 2022 18:54

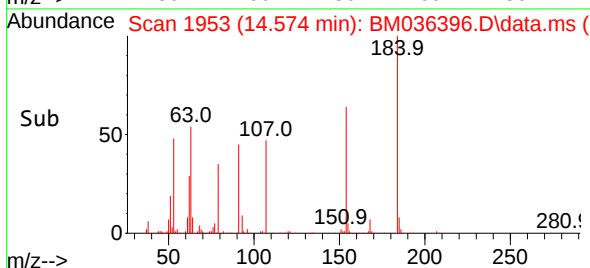
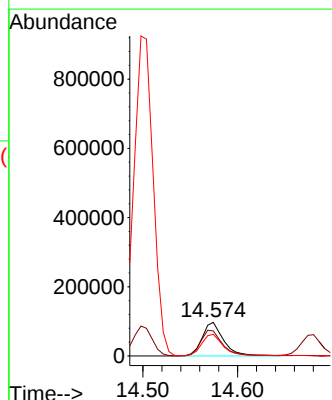
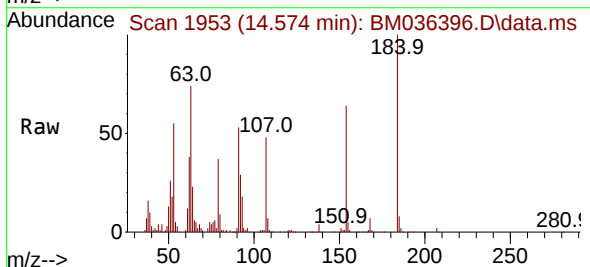
Tgt Ion:184 Resp: 152774

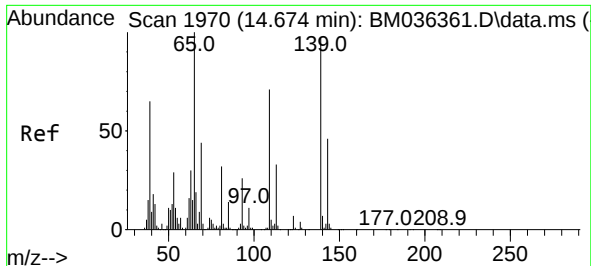
Ion Ratio Lower Upper

184 100

63 74.5 54.2 81.4

154 64.1 49.3 73.9

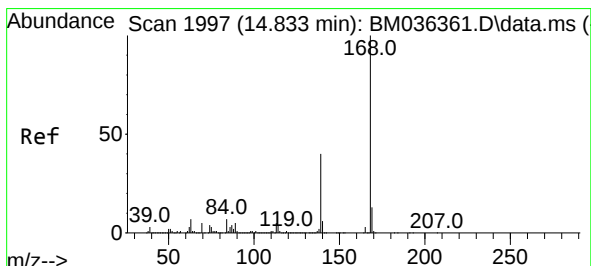
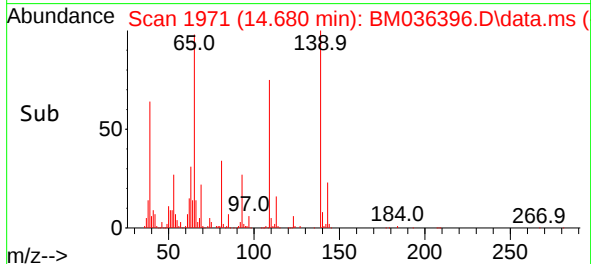
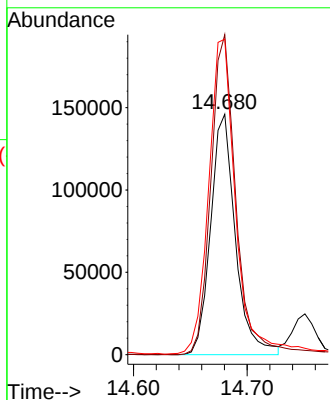
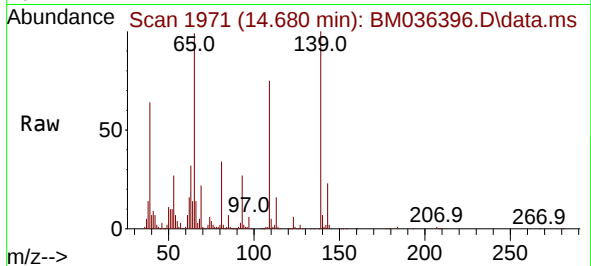




#55
4-Nitrophenol
Concen: 32.633 ng/ul
RT: 14.680 min Scan# 1971
Delta R.T. 0.006 min
Lab File: BM036396.D
Acq: 23 Aug 2022 18:54

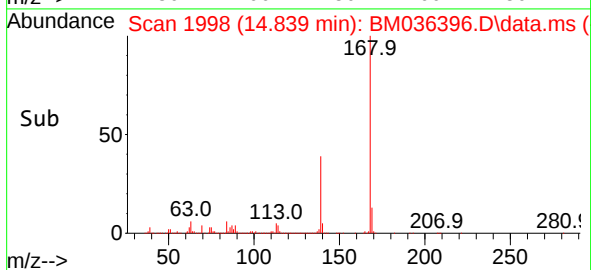
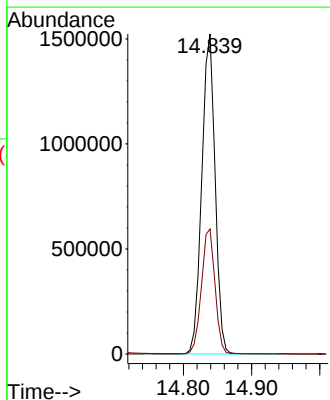
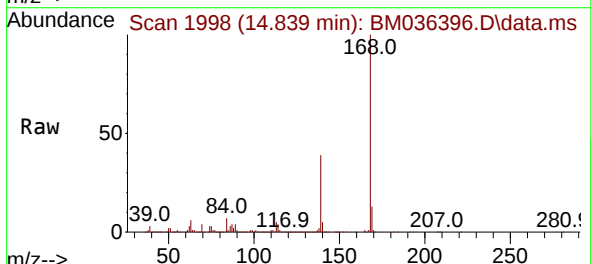
Instrument :
BNA_M
ClientSampleId :

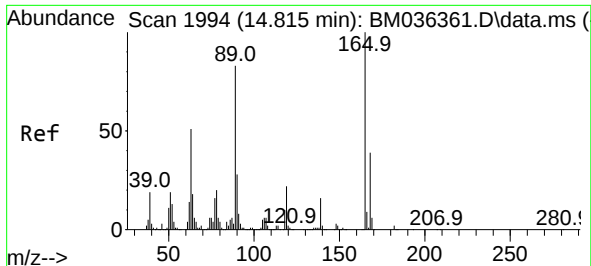
Tgt Ion:109 Resp: 221337
Ion Ratio Lower Upper
109 100
139 133.1 124.9 187.3
65 131.2 122.2 183.4



#56
Dibenzofuran
Concen: 34.416 ng/ul
RT: 14.839 min Scan# 1998
Delta R.T. 0.006 min
Lab File: BM036396.D
Acq: 23 Aug 2022 18:54

Tgt Ion:168 Resp: 2074038
Ion Ratio Lower Upper
168 100
139 39.1 30.1 45.1

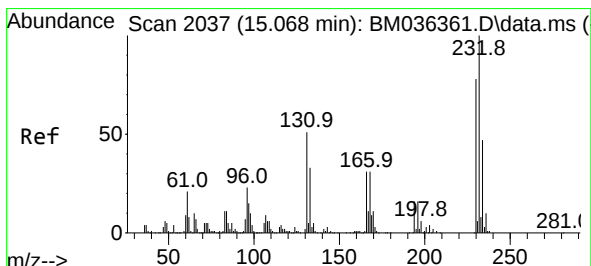
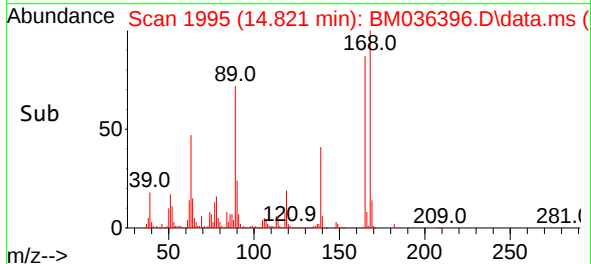
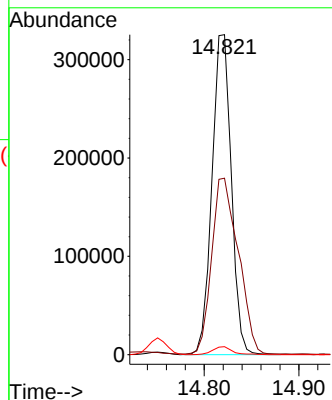
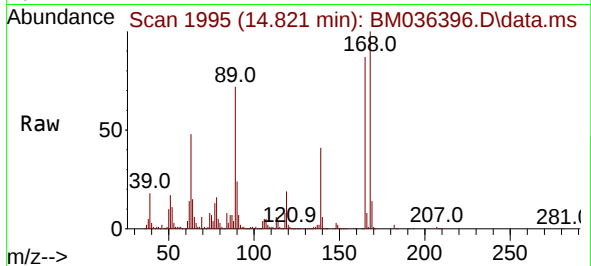




#57
2,4-Dinitrotoluene
Concen: 36.921 ng/ul
RT: 14.821 min Scan# 1995
Delta R.T. 0.006 min
Lab File: BM036396.D
Acq: 23 Aug 2022 18:54

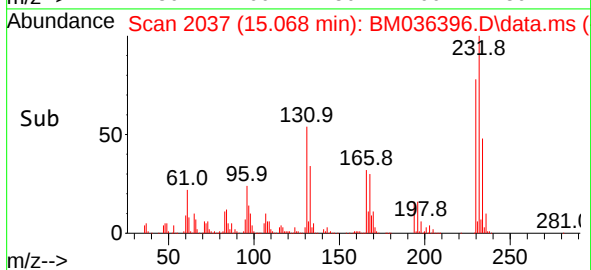
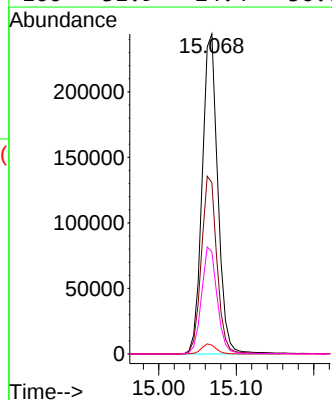
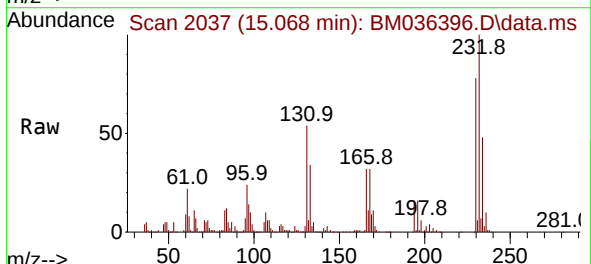
Instrument :
BNA_M
ClientSampleId :

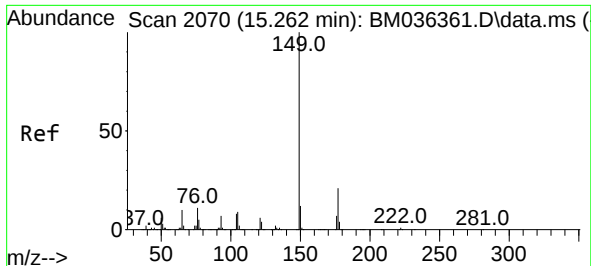
Tgt Ion:165 Resp: 460713
Ion Ratio Lower Upper
165 100
63 55.1 35.9 53.9#
182 2.5 2.5 3.7



#58
2,3,4,6-Tetrachlorophenol
Concen: 34.147 ng/ul
RT: 15.068 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BM036396.D
Acq: 23 Aug 2022 18:54

Tgt Ion:232 Resp: 342521
Ion Ratio Lower Upper
232 100
131 53.6 36.7 55.1
130 2.8 1.7 2.5#
166 31.9 24.4 36.6

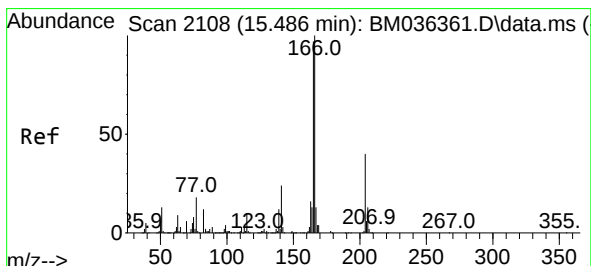
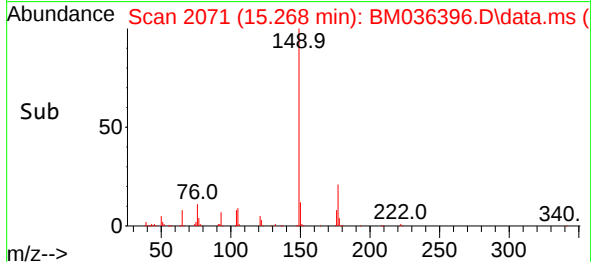
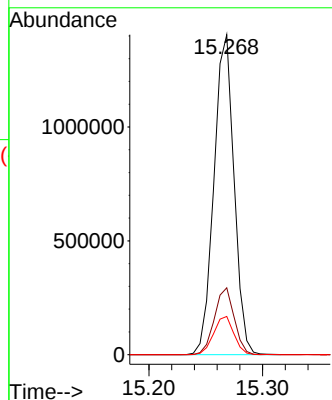
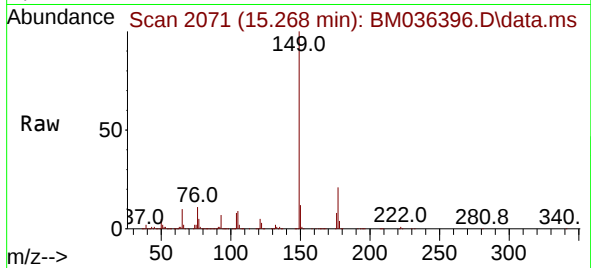




#59
Diethylphthalate
Concen: 37.637 ng/ul
RT: 15.268 min Scan# 2070
Delta R.T. 0.006 min
Lab File: BM036396.D
Acq: 23 Aug 2022 18:54

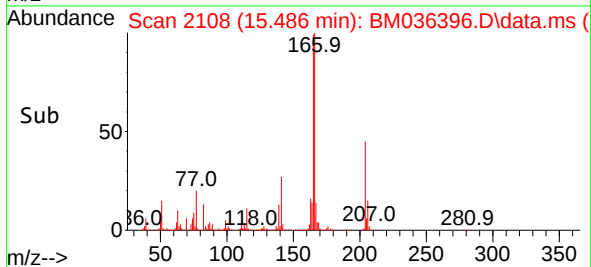
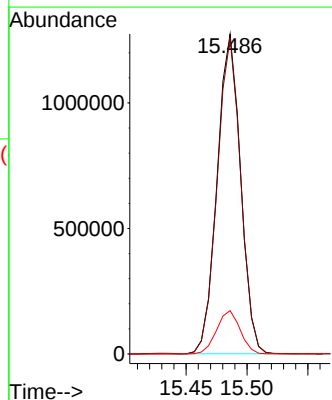
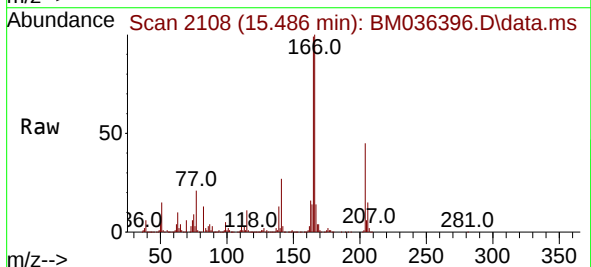
Instrument :
BNA_M
ClientSampleId :

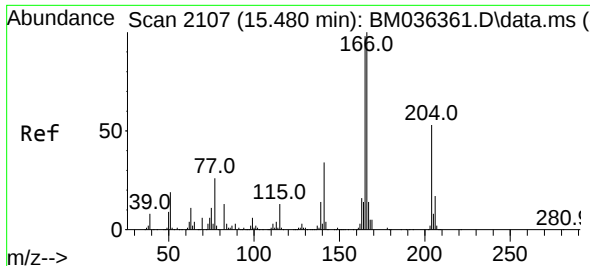
Tgt Ion:149 Resp: 1730158
Ion Ratio Lower Upper
149 100
177 20.9 16.8 25.2
150 12.0 10.2 15.4



#61
Fluorene
Concen: 35.789 ng/ul
RT: 15.486 min Scan# 2108
Delta R.T. 0.000 min
Lab File: BM036396.D
Acq: 23 Aug 2022 18:54

Tgt Ion:166 Resp: 1710660
Ion Ratio Lower Upper
166 100
165 98.7 77.2 115.8
167 13.6 11.0 16.4

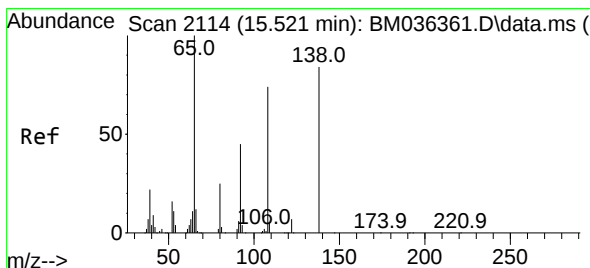
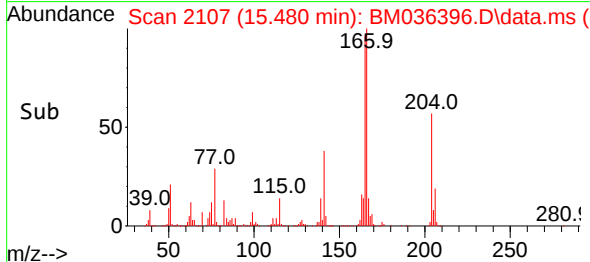
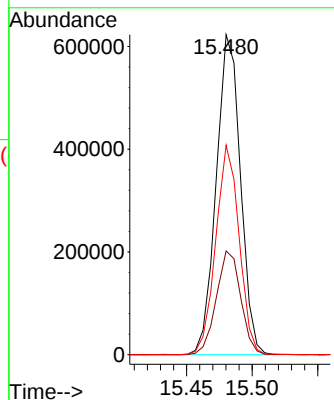
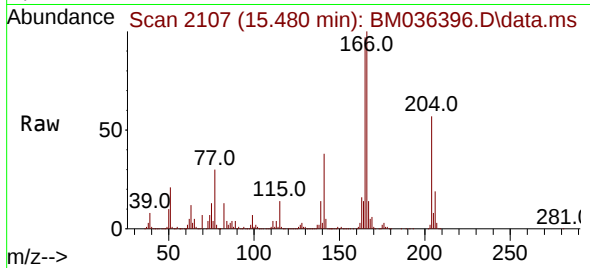




#62
4-Chlorophenyl-phenylether
Concen: 35.811 ng/ul
RT: 15.480 min Scan# 2107
Delta R.T. 0.000 min
Lab File: BM036396.D
Acq: 23 Aug 2022 18:54

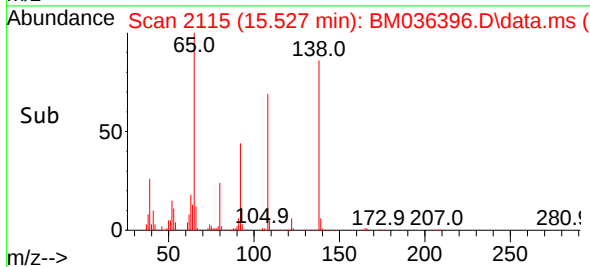
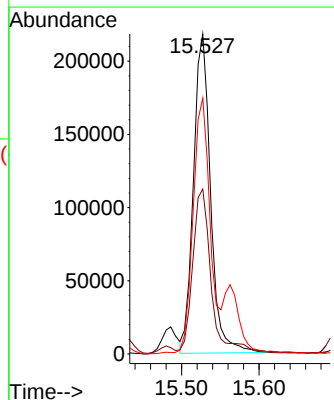
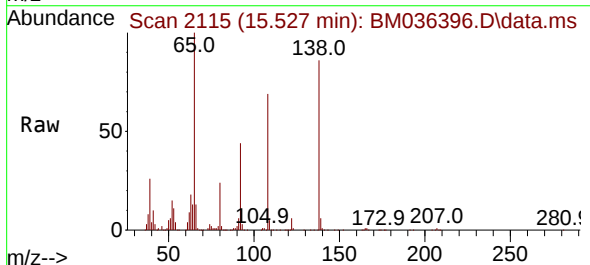
Instrument :
BNA_M
ClientSampleId :

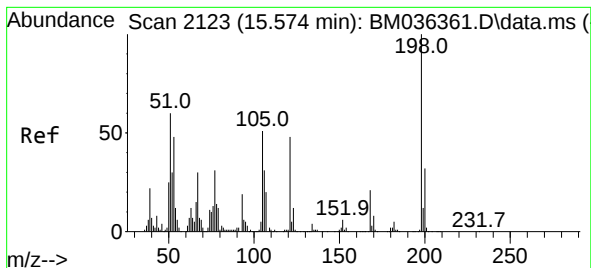
Tgt Ion:204 Resp: 799606
Ion Ratio Lower Upper
204 100
206 32.4 25.9 38.9
141 65.5 50.6 75.8



#63
4-Nitroaniline
Concen: 37.348 ng/ul
RT: 15.527 min Scan# 2115
Delta R.T. 0.006 min
Lab File: BM036396.D
Acq: 23 Aug 2022 18:54

Tgt Ion:138 Resp: 335241
Ion Ratio Lower Upper
138 100
92 51.5 39.2 58.8
108 80.0 51.6 77.4#

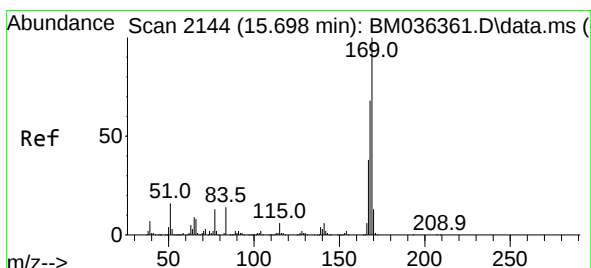
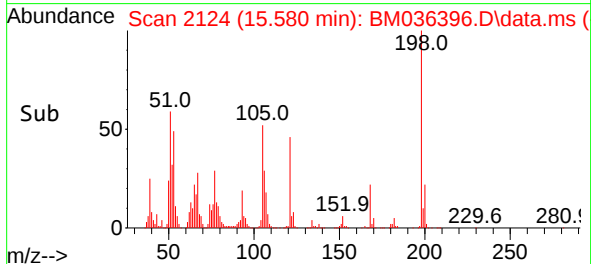
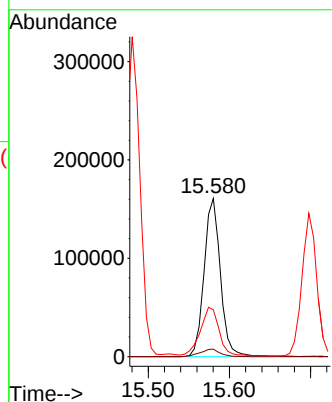
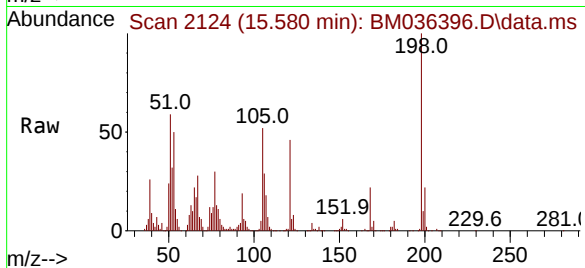




#66
4,6-Dinitro-2-methylphenol
Concen: 33.362 ng/ul
RT: 15.580 min Scan# 2124
Delta R.T. 0.006 min
Lab File: BM036396.D
Acq: 23 Aug 2022 18:54

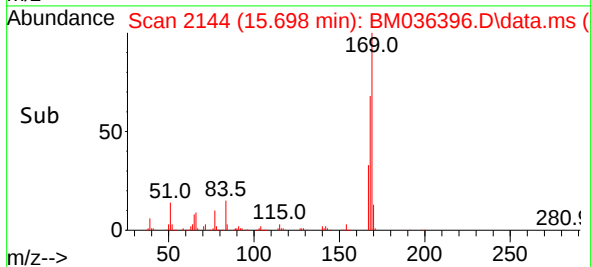
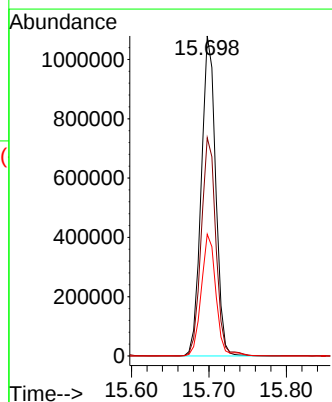
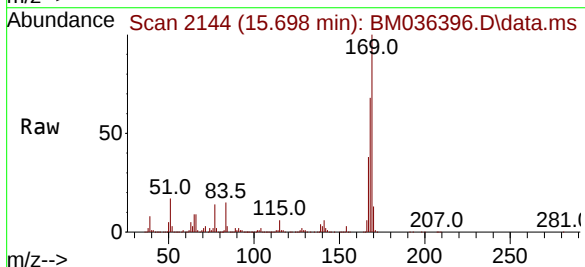
Instrument :
BNA_M
ClientSampleId :

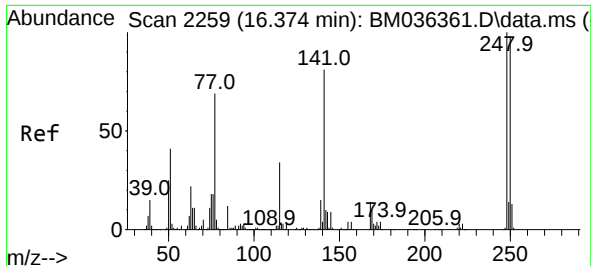
Tgt Ion:198 Resp: 225103
Ion Ratio Lower Upper
198 100
182 4.7 4.2 6.4
77 29.6 19.9 29.9



#67
N-Nitrosodiphenylamine
Concen: 37.506 ng/ul
RT: 15.698 min Scan# 2144
Delta R.T. 0.000 min
Lab File: BM036396.D
Acq: 23 Aug 2022 18:54

Tgt Ion:169 Resp: 1391858
Ion Ratio Lower Upper
169 100
168 68.2 53.8 80.6
167 38.1 28.7 43.1

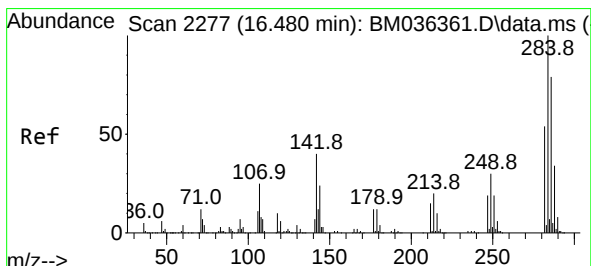
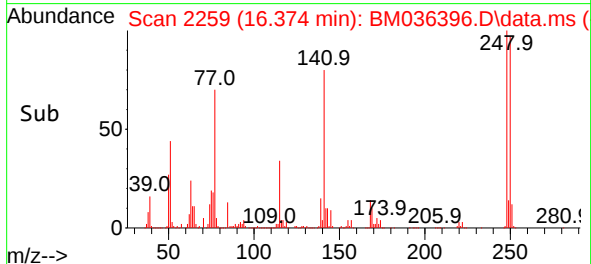
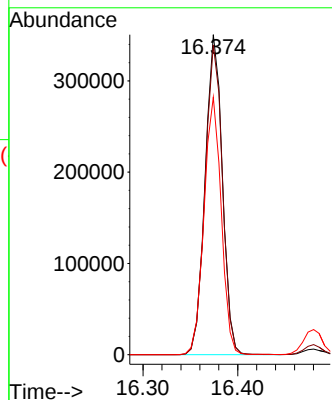
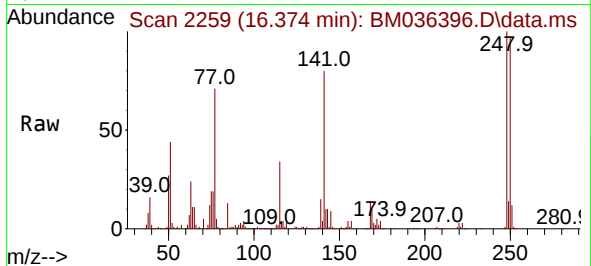




#68
4-Bromophenyl-phenylether
Concen: 36.975 ng/ul
RT: 16.374 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM036396.D
Acq: 23 Aug 2022 18:54

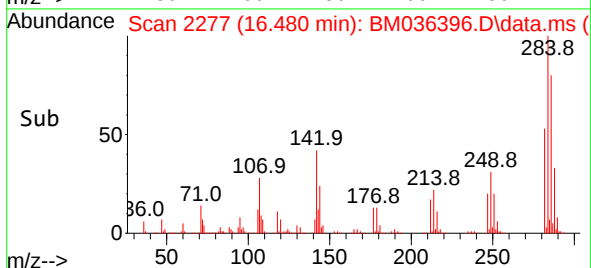
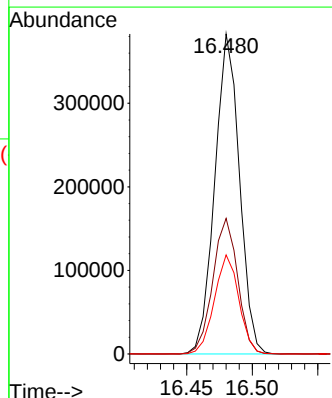
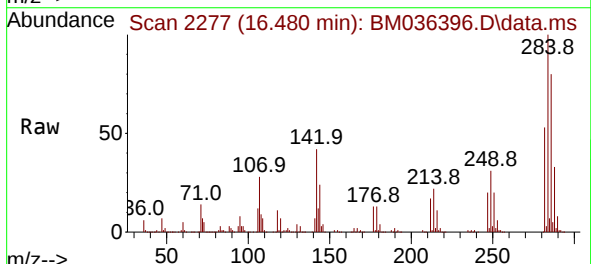
Instrument :
BNA_M
ClientSampleId :

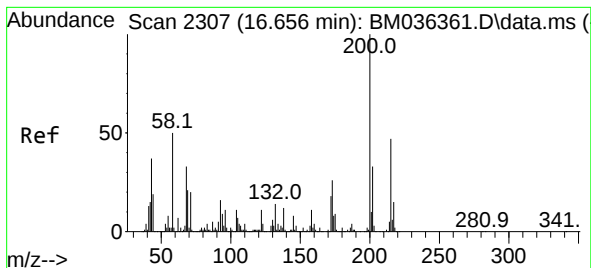
Tgt Ion:248 Resp: 444420
Ion Ratio Lower Upper
248 100
250 96.8 77.3 115.9
141 80.4 59.8 89.8



#69
Hexachlorobenzene
Concen: 34.320 ng/ul
RT: 16.480 min Scan# 2277
Delta R.T. 0.000 min
Lab File: BM036396.D
Acq: 23 Aug 2022 18:54

Tgt Ion:284 Resp: 499909
Ion Ratio Lower Upper
284 100
142 42.3 28.6 42.8
249 30.9 24.6 37.0





#70

Atrazine

Concen: 9.460 ng/ul

RT: 16.657 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM036396.D

Acq: 23 Aug 2022 18:54

Instrument :

BNA_M

ClientSampleId :

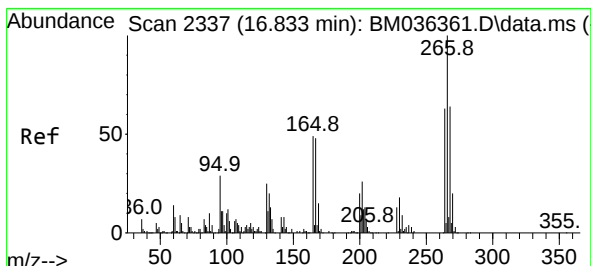
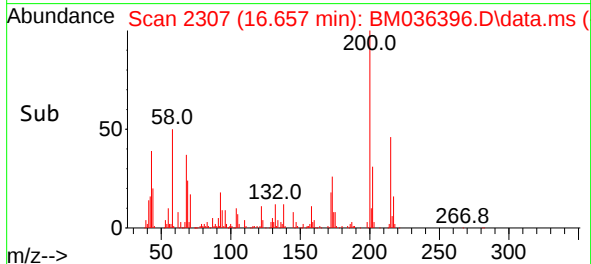
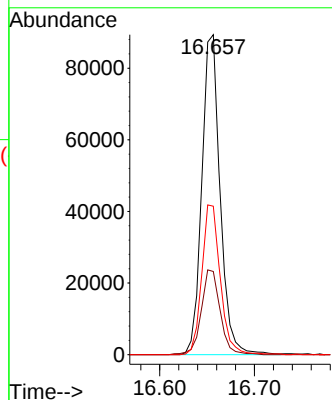
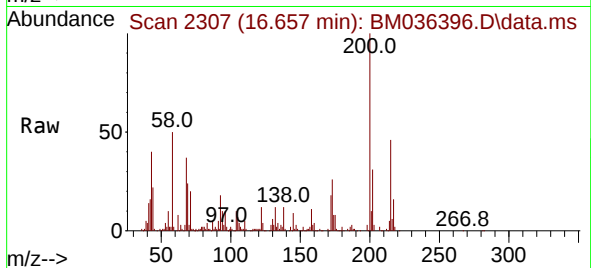
Tgt Ion:200 Resp: 119949

Ion Ratio Lower Upper

200 100

173 26.0 21.3 31.9

215 46.4 39.0 58.6



#71

Pentachlorophenol

Concen: 31.590 ng/ul

RT: 16.833 min Scan# 2337

Delta R.T. 0.000 min

Lab File: BM036396.D

Acq: 23 Aug 2022 18:54

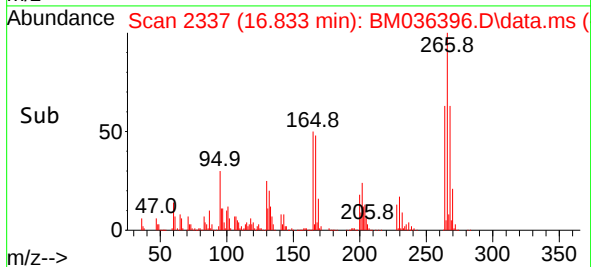
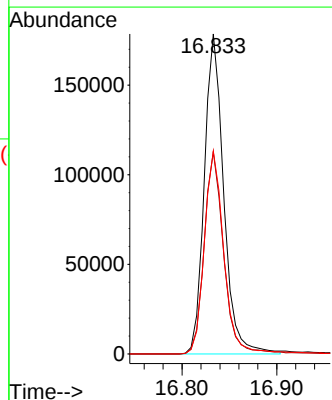
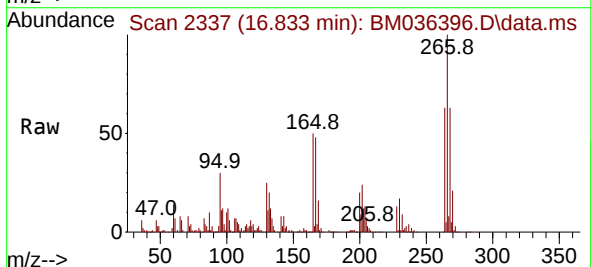
Tgt Ion:266 Resp: 253677

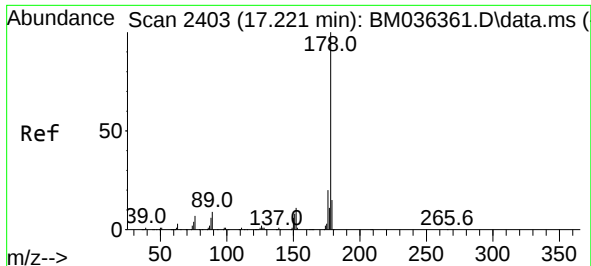
Ion Ratio Lower Upper

266 100

264 63.2 49.5 74.3

268 63.4 51.0 76.4

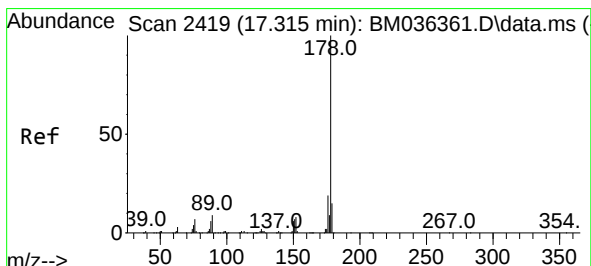
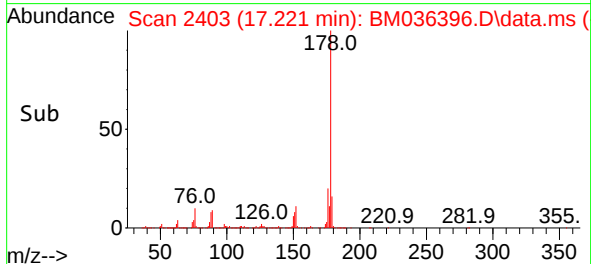
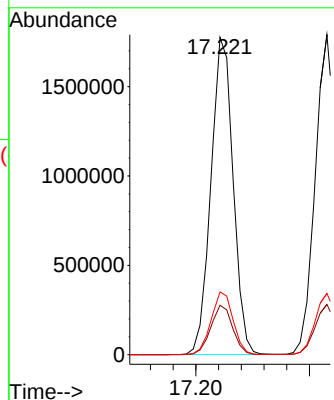
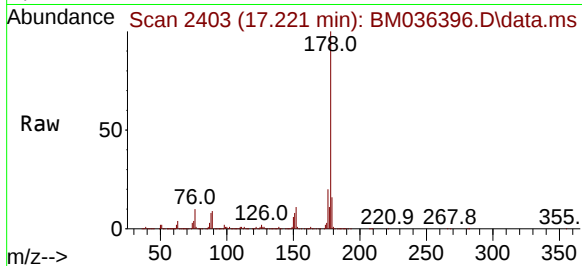




#72
Phenanthrene
Concen: 35.276 ng/ul
RT: 17.221 min Scan# 2403
Delta R.T. 0.000 min
Lab File: BM036396.D
Acq: 23 Aug 2022 18:54

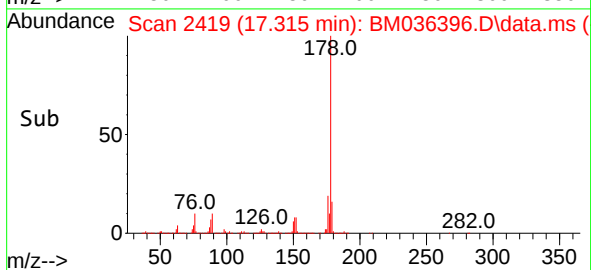
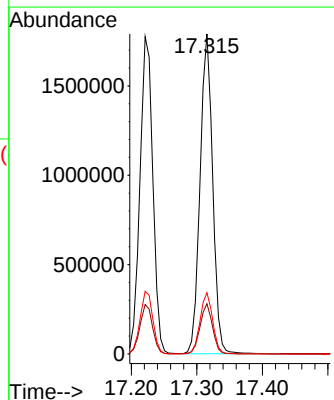
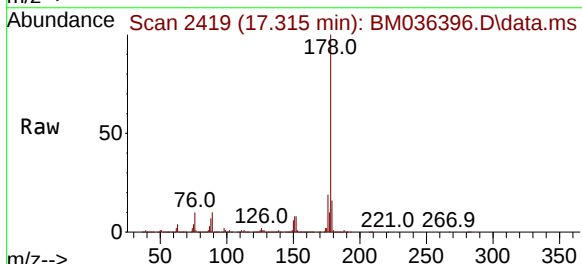
Instrument :
BNA_M
ClientSampleId :

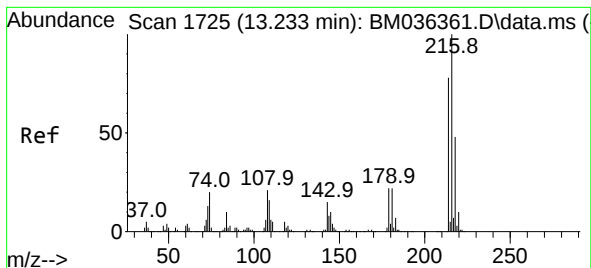
Tgt Ion:178 Resp: 2407283
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.2
176 19.8 14.9 22.3



#74
Anthracene
Concen: 35.054 ng/ul
RT: 17.315 min Scan# 2419
Delta R.T. 0.000 min
Lab File: BM036396.D
Acq: 23 Aug 2022 18:54

Tgt Ion:178 Resp: 2398206
Ion Ratio Lower Upper
178 100
179 15.7 12.2 18.2
176 19.2 14.4 21.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 33.075 ng/uL

RT: 13.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM036396.D

Acq: 23 Aug 2022 18:54

Instrument :

BNA_M

ClientSampleId :

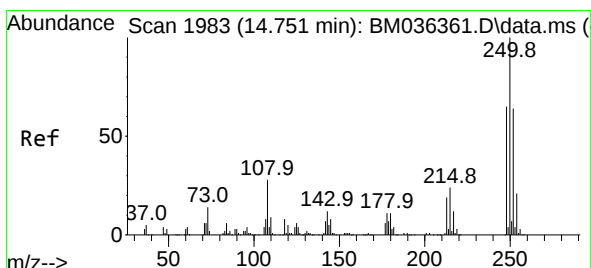
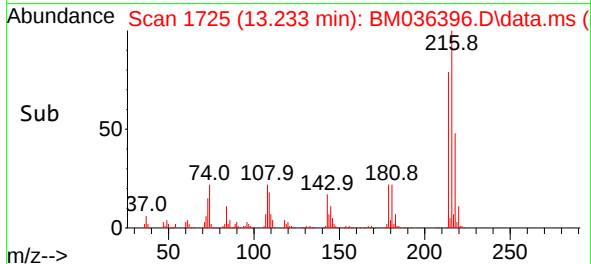
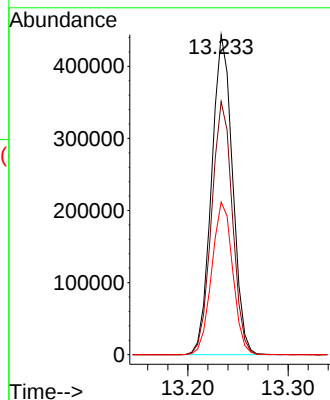
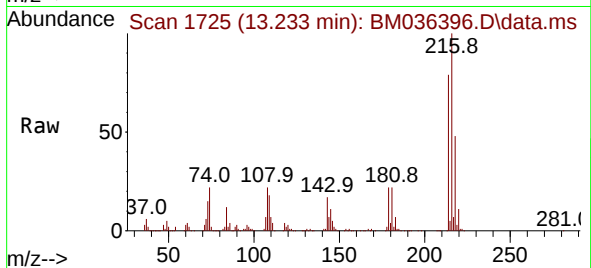
Tgt Ion:216 Resp: 644207

Ion Ratio Lower Upper

216 100

214 79.1 60.9 91.3

218 47.7 37.5 56.3



#76

Pentachlorobenzene

Concen: 34.251 ng/uL

RT: 14.751 min Scan# 1983

Delta R.T. 0.000 min

Lab File: BM036396.D

Acq: 23 Aug 2022 18:54

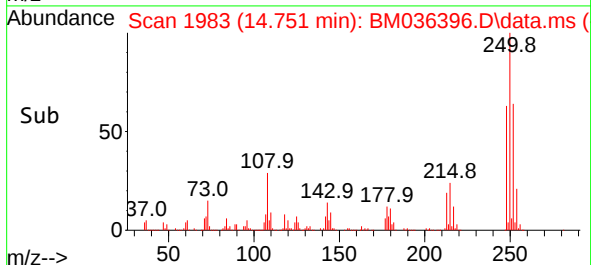
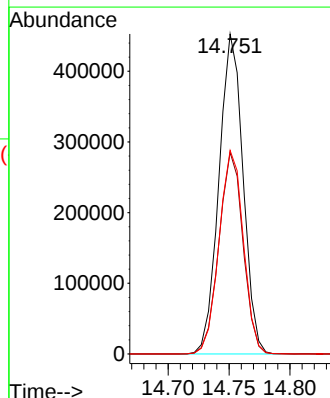
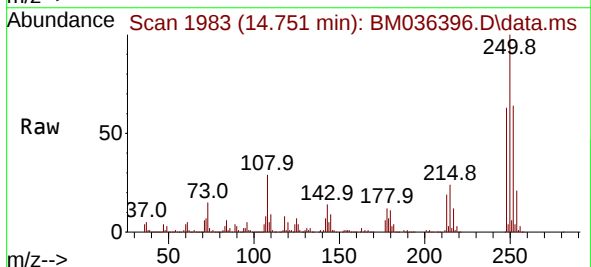
Tgt Ion:250 Resp: 622896

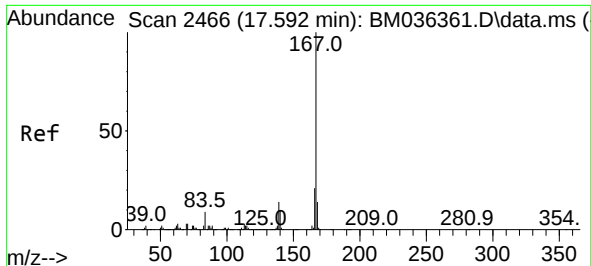
Ion Ratio Lower Upper

250 100

248 63.0 50.4 75.6

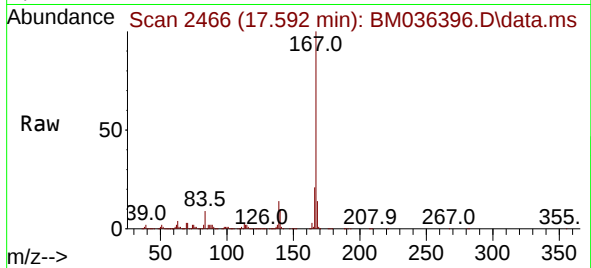
252 63.6 51.1 76.7





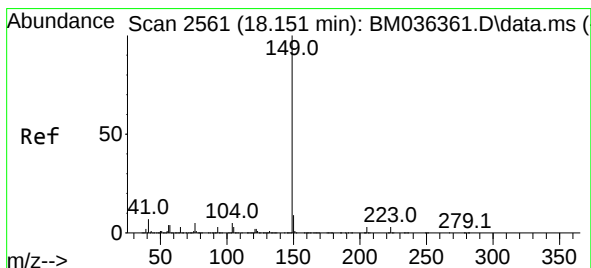
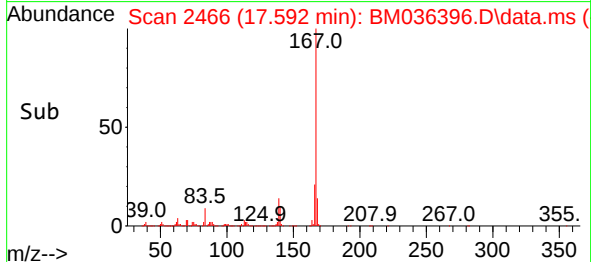
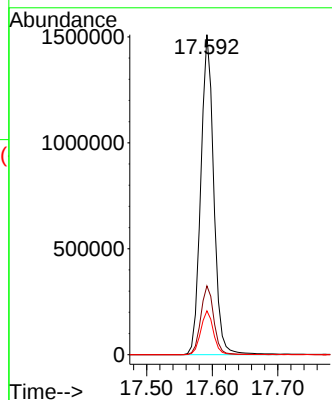
#77
 Carbazole
 Concen: 32.511 ng/ul
 RT: 17.592 min Scan# 2466
 Delta R.T. 0.000 min
 Lab File: BM036396.D
 Acq: 23 Aug 2022 18:54

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:167 Resp: 2082515

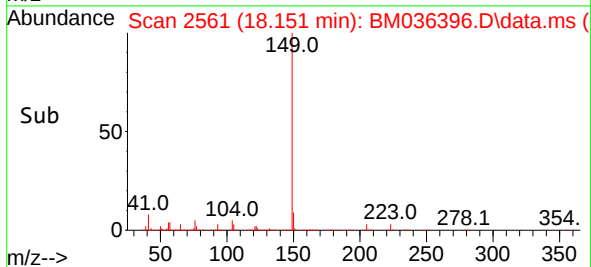
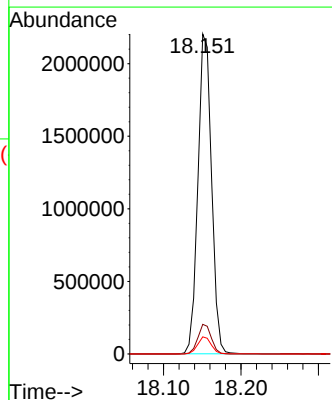
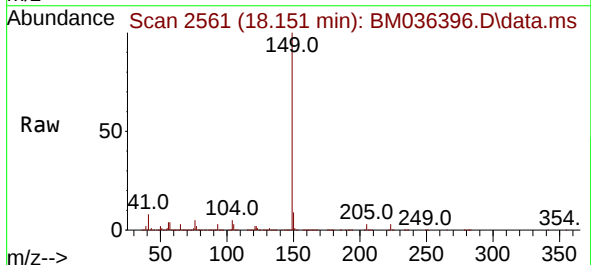
Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.4	26.0
139	13.7	10.1	15.1

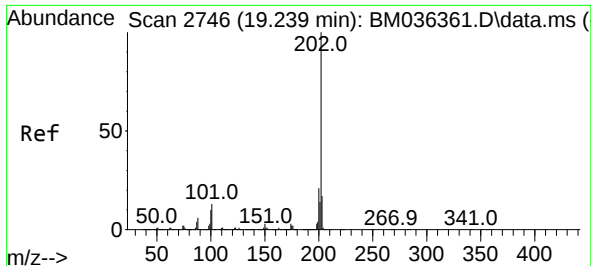


#78
 Di-n-butylphthalate
 Concen: 38.336 ng/ul
 RT: 18.151 min Scan# 2561
 Delta R.T. 0.000 min
 Lab File: BM036396.D
 Acq: 23 Aug 2022 18:54

Tgt Ion:149 Resp: 2685900

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	5.3	3.7	5.5

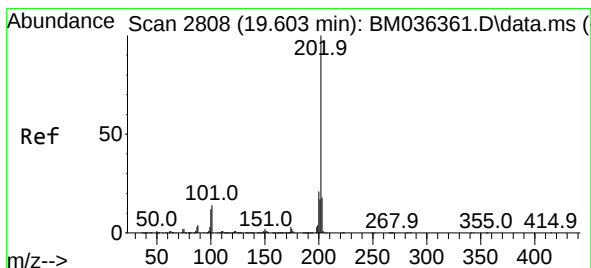
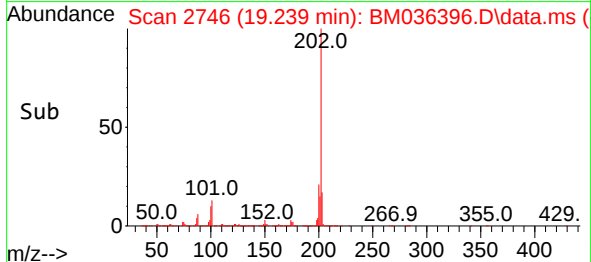
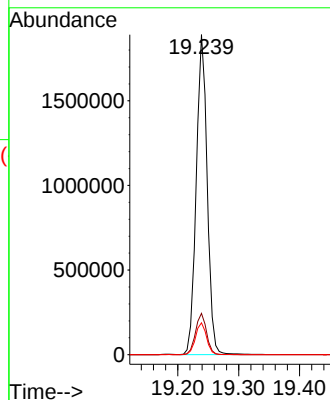
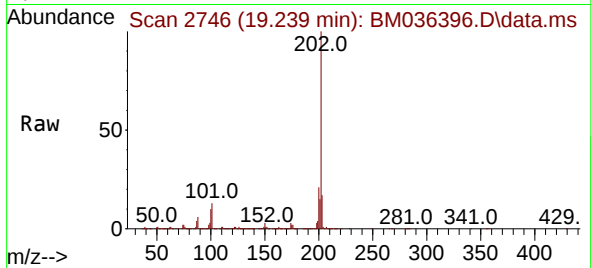




#80
Fluoranthene
Concen: 40.746 ng/u1
RT: 19.239 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM036396.D
Acq: 23 Aug 2022 18:54

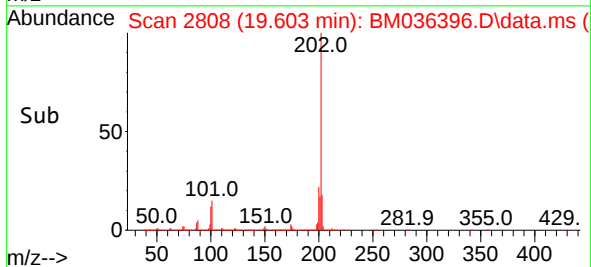
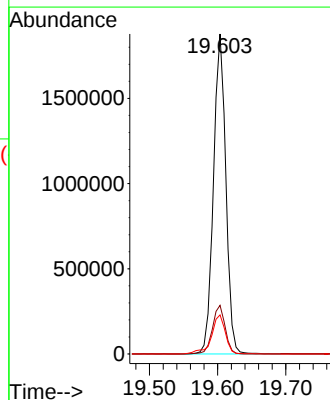
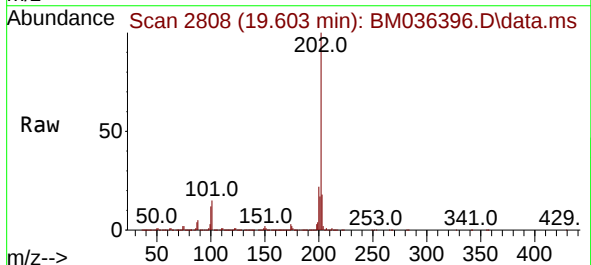
Instrument :
BNA_M
ClientSampleId :

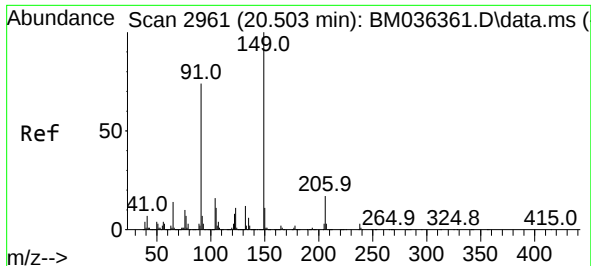
Tgt Ion:202 Resp: 2359133
Ion Ratio Lower Upper
202 100
101 12.9 10.1 15.1
100 10.0 7.8 11.6



#82
Pyrene
Concen: 39.236 ng/u1
RT: 19.603 min Scan# 2808
Delta R.T. 0.000 min
Lab File: BM036396.D
Acq: 23 Aug 2022 18:54

Tgt Ion:202 Resp: 2370613
Ion Ratio Lower Upper
202 100
101 15.2 11.9 17.9
100 12.2 10.2 15.4

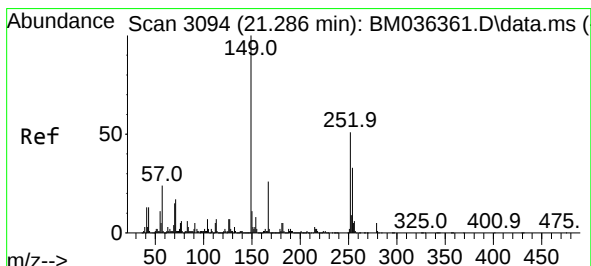
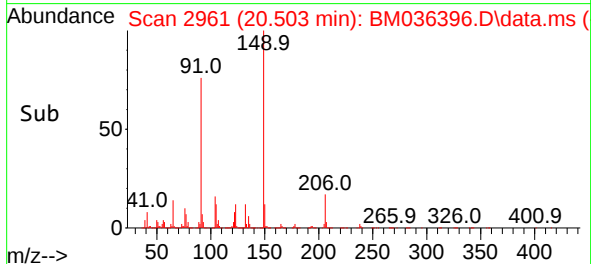
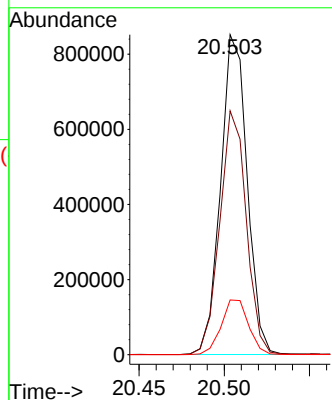
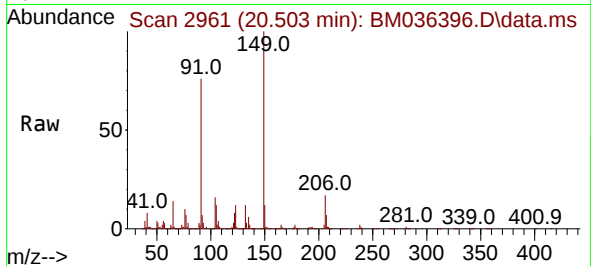




#83
Butylbenzylphthalate
Concen: 40.871 ng/ul
RT: 20.503 min Scan# 2961
Delta R.T. 0.000 min
Lab File: BM036396.D
Acq: 23 Aug 2022 18:54

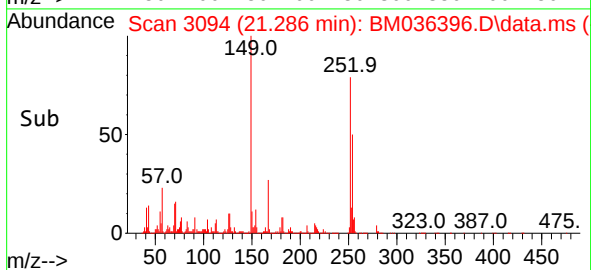
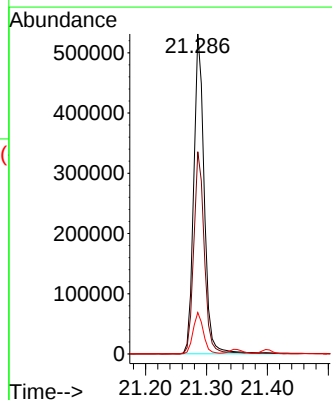
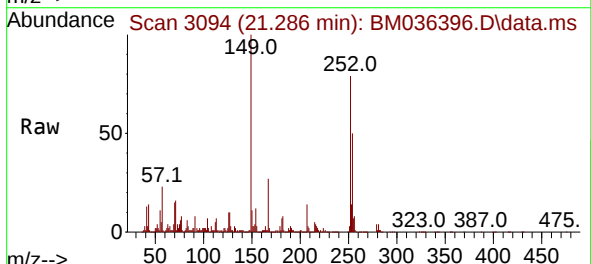
Instrument :
BNA_M
ClientSampleId :

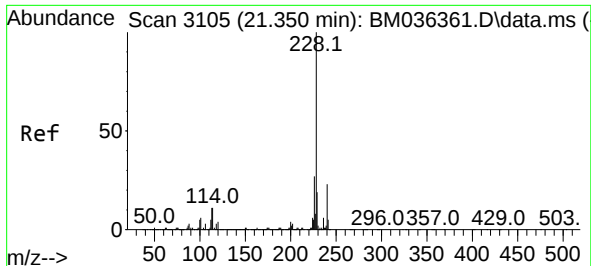
Tgt Ion:149 Resp: 923830
Ion Ratio Lower Upper
149 100
91 76.2 53.2 79.8
206 17.1 16.0 24.0



#84
3,3'-Dichlorobenzidine
Concen: 33.521 ng/ul
RT: 21.286 min Scan# 3094
Delta R.T. 0.000 min
Lab File: BM036396.D
Acq: 23 Aug 2022 18:54

Tgt Ion:252 Resp: 637494
Ion Ratio Lower Upper
252 100
254 63.2 52.4 78.6
126 12.9 10.8 16.2

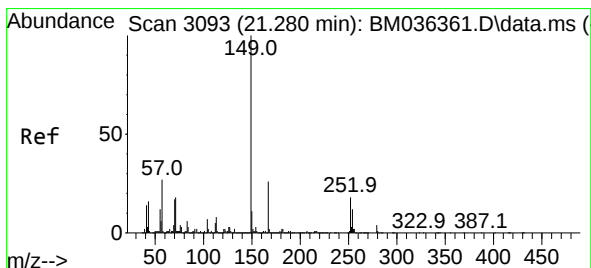
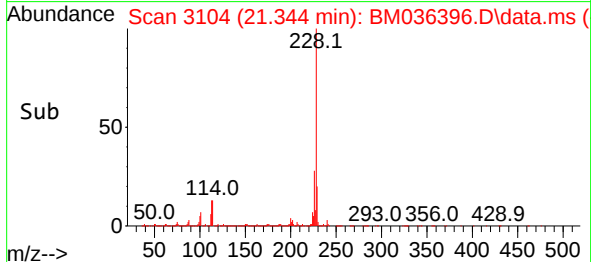
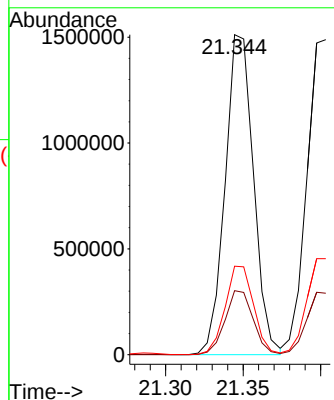
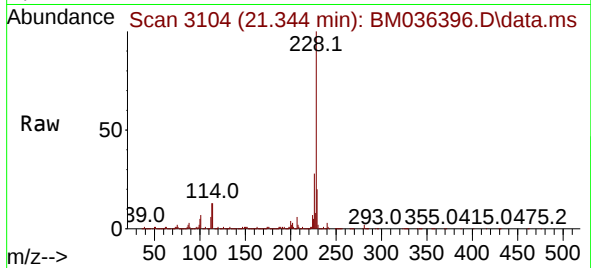




#85
Benzo(a)anthracene
Concen: 34.787 ng/ul
RT: 21.344 min Scan# 3104
Delta R.T. -0.006 min
Lab File: BM036396.D
Acq: 23 Aug 2022 18:54

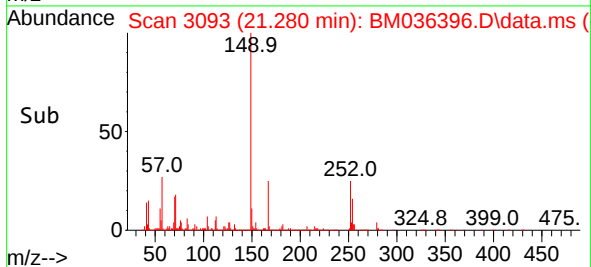
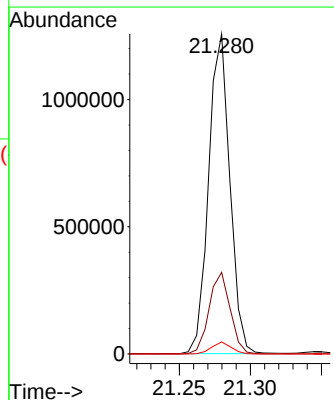
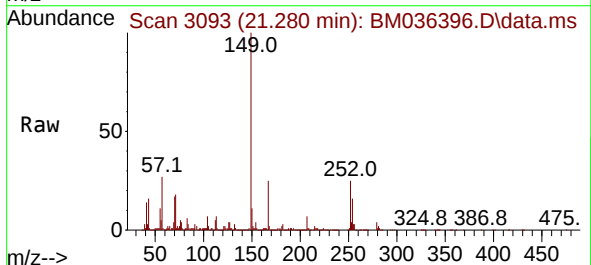
Instrument :
BNA_M
ClientSampleId :

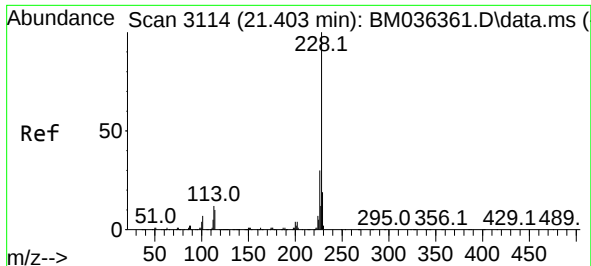
Tgt Ion:228 Resp: 1930668
Ion Ratio Lower Upper
228 100
229 20.0 15.6 23.4
226 27.7 21.7 32.5



#86
Bis(2-ethylhexyl)phthalate
Concen: 41.862 ng/ul
RT: 21.280 min Scan# 3093
Delta R.T. 0.000 min
Lab File: BM036396.D
Acq: 23 Aug 2022 18:54

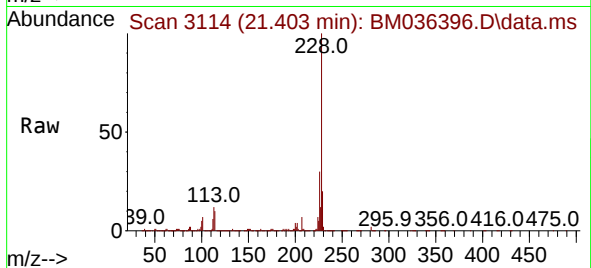
Tgt Ion:149 Resp: 1306450
Ion Ratio Lower Upper
149 100
167 25.5 21.5 32.3
279 3.7 3.4 5.2



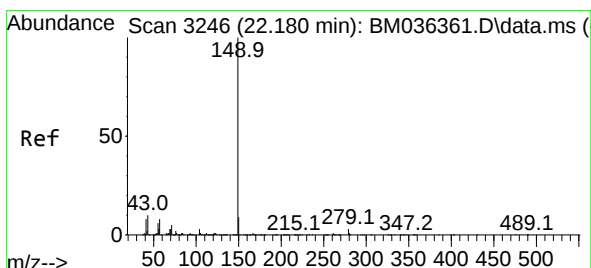
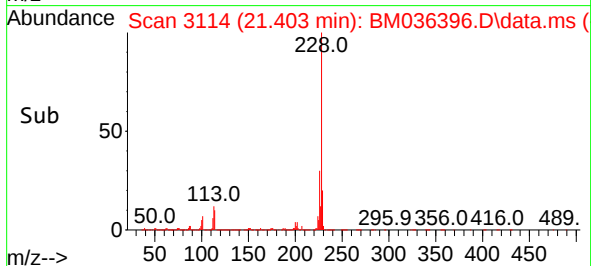
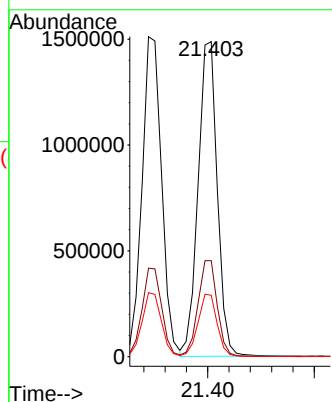


#87
Chrysene
Concen: 34.217 ng/ul
RT: 21.403 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BM036396.D
Acq: 23 Aug 2022 18:54

Instrument :
BNA_M
ClientSampleId :

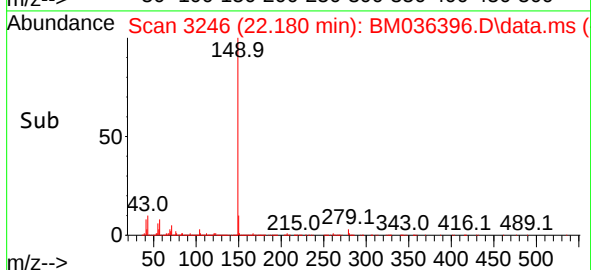
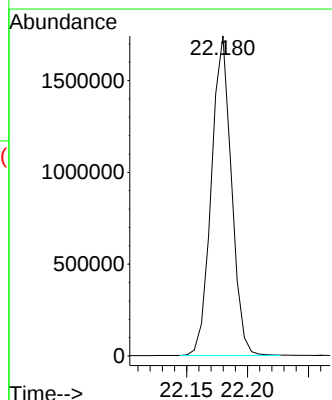
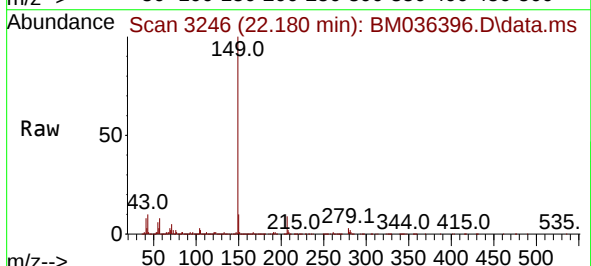


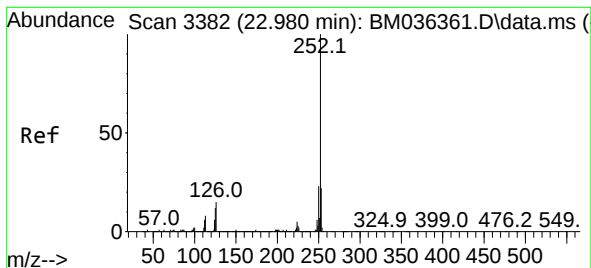
Tgt Ion:228 Resp: 1865934
Ion Ratio Lower Upper
228 100
226 30.5 23.7 35.5
229 19.5 15.5 23.3



#89
Di-n-octyl phthalate
Concen: 39.154 ng/ul
RT: 22.180 min Scan# 3246
Delta R.T. 0.000 min
Lab File: BM036396.D
Acq: 23 Aug 2022 18:54

Tgt Ion:149 Resp: 1995818





#90

Benzo(b)fluoranthene

Concen: 35.654 ng/ul

RT: 22.980 min Scan# 3382

Delta R.T. 0.000 min

Lab File: BM036396.D

Acq: 23 Aug 2022 18:54

Instrument :

BNA_M

ClientSampleId :

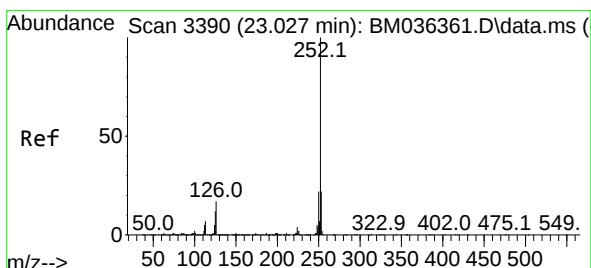
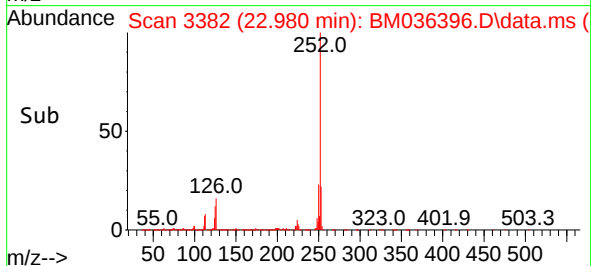
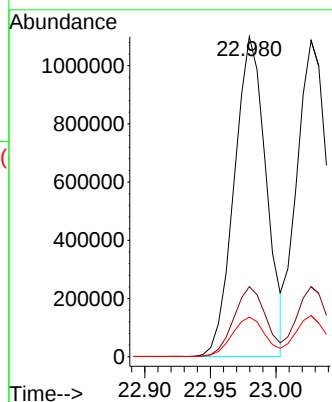
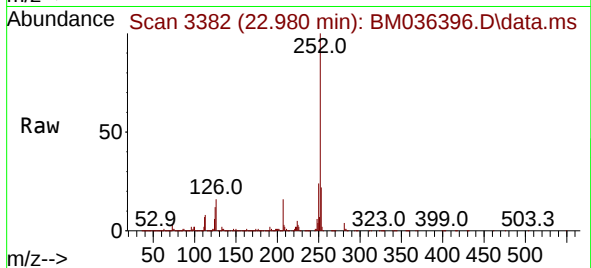
Tgt Ion:252 Resp: 1863944

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 12.4 10.7 16.1



#91

Benzo(k)fluoranthene

Concen: 35.965 ng/ul

RT: 23.027 min Scan# 3390

Delta R.T. 0.000 min

Lab File: BM036396.D

Acq: 23 Aug 2022 18:54

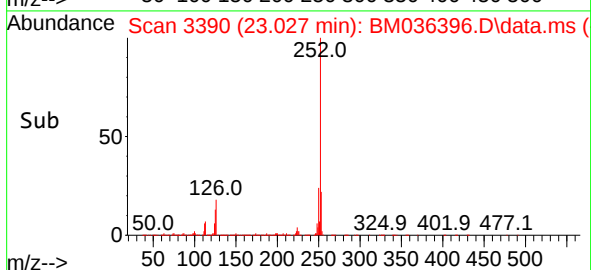
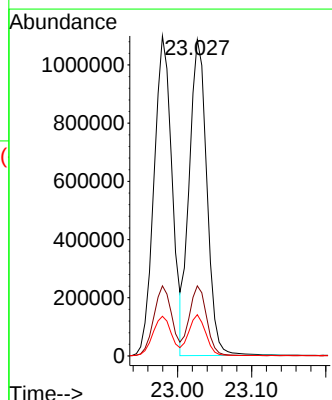
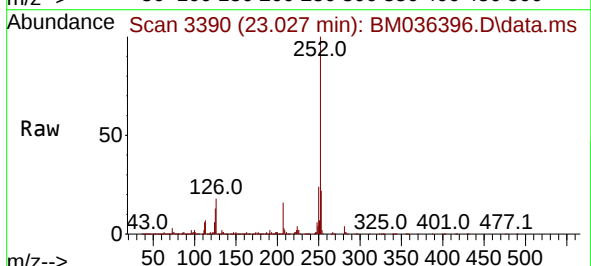
Tgt Ion:252 Resp: 1788835

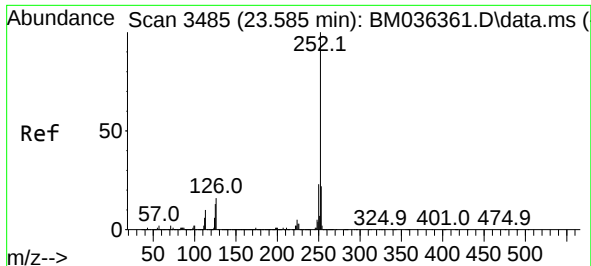
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 13.1 10.6 15.8

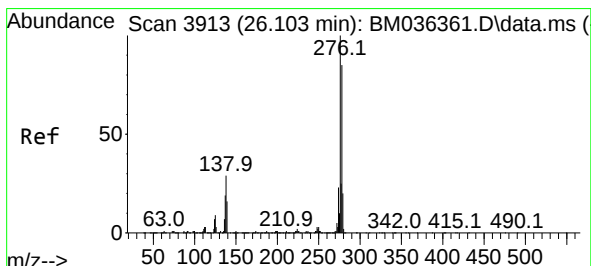
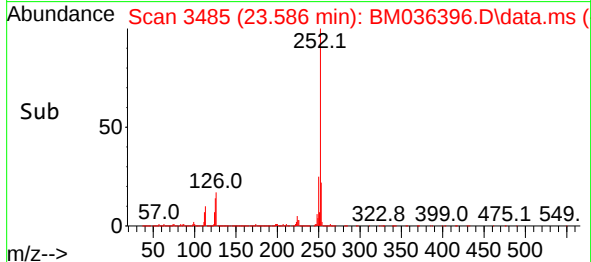
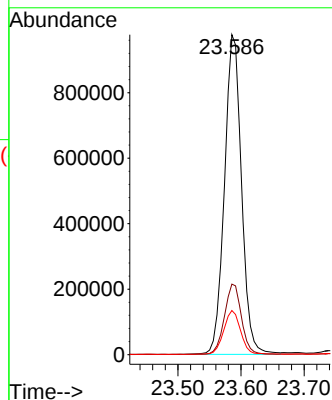
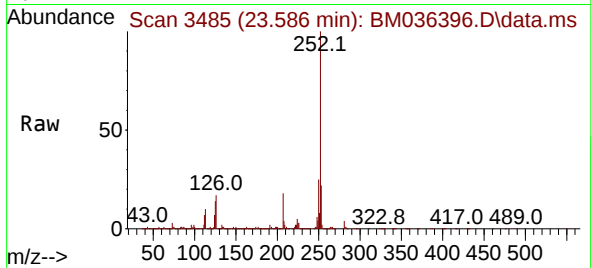




#93
Benzo(a)pyrene
Concen: 35.631 ng/ul
RT: 23.586 min Scan# 3485
Delta R.T. 0.000 min
Lab File: BM036396.D
Acq: 23 Aug 2022 18:54

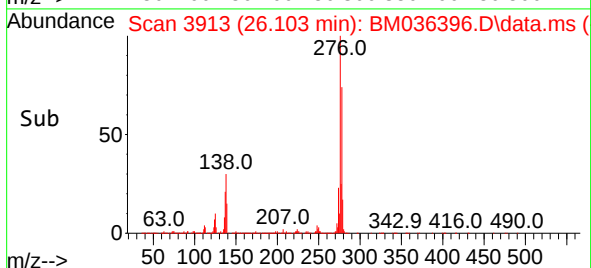
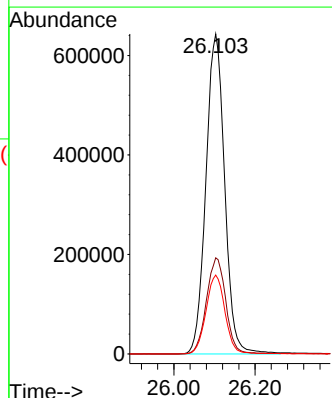
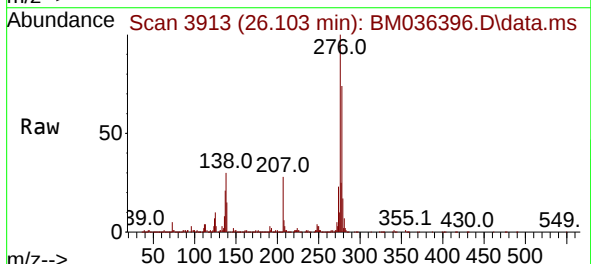
Instrument :
BNA_M
ClientSampleId :

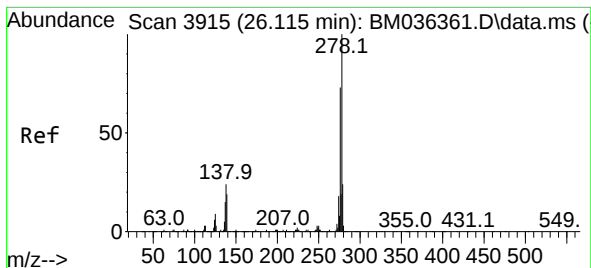
Tgt Ion:252 Resp: 1832532
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 13.8 11.8 17.8



#94
Indeno(1,2,3-cd)pyrene
Concen: 34.097 ng/ul
RT: 26.103 min Scan# 3913
Delta R.T. 0.000 min
Lab File: BM036396.D
Acq: 23 Aug 2022 18:54

Tgt Ion:276 Resp: 2061812
Ion Ratio Lower Upper
276 100
138 30.0 25.6 38.4
277 24.7 20.1 30.1





#95

Dibenzo(a,h)anthracene

Concen: 34.046 ng/ul

RT: 26.115 min Scan# 3915

Delta R.T. 0.000 min

Lab File: BM036396.D

Acq: 23 Aug 2022 18:54

Instrument :

BNA_M

ClientSampleId :

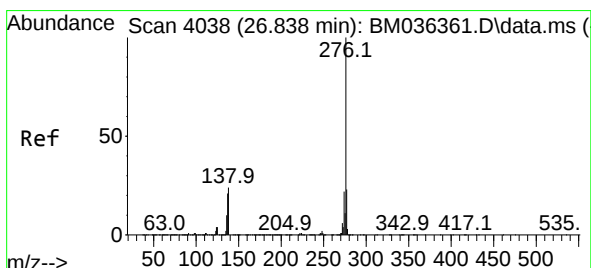
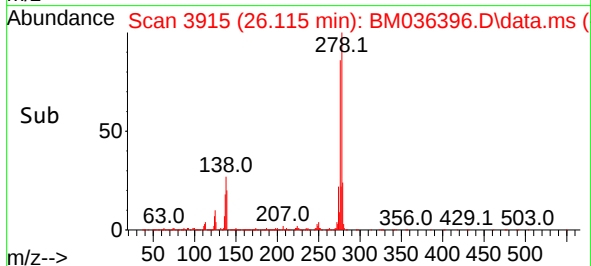
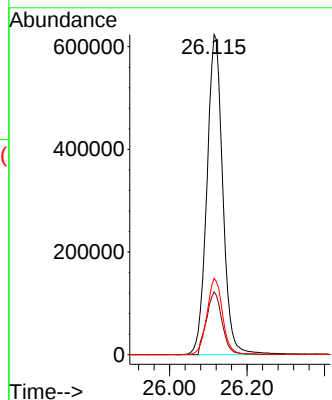
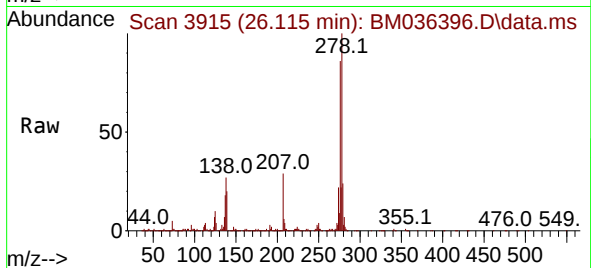
Tgt Ion:278 Resp: 1773479

Ion Ratio Lower Upper

278 100

139 19.6 16.2 24.2

279 23.9 18.7 28.1



#96

Benzo(g,h,i)perylene

Concen: 33.454 ng/ul

RT: 26.844 min Scan# 4039

Delta R.T. 0.006 min

Lab File: BM036396.D

Acq: 23 Aug 2022 18:54

Tgt Ion:276 Resp: 1729950

Ion Ratio Lower Upper

276 100

138 26.8 21.3 31.9

277 24.2 18.6 28.0

