

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082222\
 Data File : BM036398.D
 Acq On : 23 Aug 2022 20:09
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 24 01:04:18 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	321570	20.000	ng/u1	0.00
20) Naphthalene-d8	10.592	136	1520998	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.439	164	935243	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.180	188	1706271	20.000	ng/u1	0.00
79) Chrysene-d12	21.362	240	1268211	20.000	ng/u1	0.00
88) Perylene-d12	23.685	264	1205403	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.204	96	60069	7.119	ng/uL	0.00
4) Pyridine-d5	3.628	84	451816	19.417	ng/u1	0.00
7) Phenol-d5	6.969	99	548732	19.991	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	364812	21.115	ng/u1	0.00
11) 2-Chlorophenol-d4	7.322	132	433819	20.115	ng/u1	0.00
15) 4-Methylphenol-d8	8.516	113	437308	21.337	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	224462	19.464	ng/u1	0.00
24) 2-Nitrophenol-d4	9.680	143	230809	19.732	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	423594	20.267	ng/u1	0.00
31) 4-Chloroaniline-d4	10.739	131	635327	19.608	ng/u1	0.00
46) Dimethylphthalate-d6	13.857	166	1185305	20.033	ng/u1	0.00
49) Acenaphthylene-d8	14.127	160	1440188	19.516	ng/u1	0.00
54) 4-Nitrophenol-d4	14.662	143	190726	17.012	ng/u1	0.00
60) Fluorene-d10	15.427	176	1044591	19.538	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.562	200	152281	17.360	ng/u1	0.00
73) Anthracene-d10	17.280	188	1447400	19.078	ng/u1	0.00
81) Pyrene-d10	19.574	212	1392032	21.160	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.532	264	1143489	19.348	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	65750	7.398	ng/uL	97
5) Pyridine	3.651	79	464369	19.319	ng/u1	90
6) Benzaldehyde	6.939	77	264041	23.418	ng/u1	91
8) Phenol	6.998	94	572064	20.045	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.228	93	466879	20.454	ng/u1	97
12) 2-Chlorophenol	7.357	128	459968	20.396	ng/u1	99
13) 2-Methylphenol	8.245	108	437014	20.774	ng/u1	93
14) 2,2'-oxybis(1-Chloropr...	8.333	45	685999	22.463	ng/u1	99
16) Acetophenone	8.628	105	723949	21.962	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.610	70	385305	23.485	ng/u1	97
18) 4-Methylphenol	8.581	108	482945	21.447	ng/u1	98
19) Hexachloroethane	8.863	117	187381	19.860	ng/u1	87
22) Nitrobenzene	9.004	77	538753	19.717	ng/u1	98
23) Isophorone	9.533	82	1035577	21.342	ng/u1	96
25) 2-Nitrophenol	9.716	139	256328	19.669	ng/u1	97
26) 2,4-Dimethylphenol	9.780	107	521144	19.996	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.016	93	650296	20.586	ng/u1	99
29) 2,4-Dichlorophenol	10.245	162	433213	20.259	ng/u1	99
30) Naphthalene	10.639	128	1563001	19.579	ng/u1	99
32) 4-Chloroaniline	10.769	127	650471	19.737	ng/u1	98
33) Hexachlorobutadiene	10.916	225	250543	18.650	ng/u1	99
34) Caprolactam	11.563	113	128712	20.089	ng/u1	94
35) 4-Chloro-3-methylphenol	11.898	107	460845	21.315	ng/u1	99
36) 2-Methylnaphthalene	12.257	142	1032827	20.621	ng/u1	97

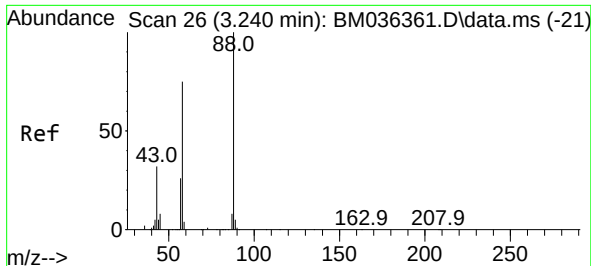
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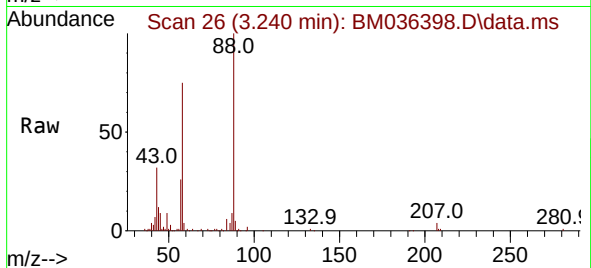
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.474	142	1041360	20.645	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.627	216	485330	18.775	ng/ul	98
40) Hexachlorocyclopentadiene	12.598	237	293012	19.107	ng/ul	97
41) 2,4,6-Trichlorophenol	12.874	196	313215	19.256	ng/ul	99
42) 2,4,5-Trichlorophenol	12.951	196	331233	19.198	ng/ul	99
43) 1,1'-Biphenyl	13.274	154	1364897	19.404	ng/ul	99
44) 2-Chloronaphthalene	13.316	162	1017137	18.844	ng/ul	99
45) 2-Nitroaniline	13.533	65	298617	20.431	ng/ul	95
47) Dimethylphthalate	13.904	163	1215785	19.962	ng/ul	99
48) 2,6-Dinitrotoluene	14.027	165	234707	20.425	ng/ul#	84
50) Acenaphthylene	14.157	152	1707000	19.615	ng/ul	99
51) 3-Nitroaniline	14.363	138	236137	18.790	ng/ul	98
52) Acenaphthene	14.498	153	1108054	19.535	ng/ul	98
53) 2,4-Dinitrophenol	14.574	184	118075	18.854	ng/ul	91
55) 4-Nitrophenol	14.674	109	153237	17.299	ng/ul	87
56) Dibenzofuran	14.833	168	1534022	19.491	ng/ul	98
57) 2,4-Dinitrotoluene	14.815	165	329377	20.211	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	15.062	232	261077	19.929	ng/ul#	91
59) Diethylphthalate	15.262	149	1241795	20.684	ng/ul	99
61) Fluorene	15.486	166	1237356	19.821	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.480	204	579231	19.863	ng/ul	99
63) 4-Nitroaniline	15.521	138	185353	15.811	ng/ul#	85
66) 4,6-Dinitro-2-methylph...	15.574	198	159215	17.952	ng/ul#	88
67) N-Nitrosodiphenylamine	15.698	169	1007563	20.655	ng/ul	97
68) 4-Bromophenyl-phenylether	16.374	248	322042	20.383	ng/ul	96
69) Hexachlorobenzene	16.480	284	368785	19.261	ng/ul	95
70) Atrazine	16.656	200	326356	19.580	ng/ul	99
71) Pentachlorophenol	16.833	266	214749	20.345	ng/ul	99
72) Phenanthrene	17.221	178	1730273	19.289	ng/ul	99
74) Anthracene	17.315	178	1766716	19.646	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.233	216	500021	19.531	ng/uL	98
76) Pentachlorobenzene	14.751	250	474398	19.845	ng/uL	100
77) Carbazole	17.592	167	1517821	18.027	ng/ul	99
78) Di-n-butylphthalate	18.151	149	1921803	20.868	ng/ul	99
80) Fluoranthene	19.239	202	1721849	21.657	ng/ul	99
82) Pyrene	19.603	202	1767430	21.302	ng/ul	98
83) Butylbenzylphthalate	20.503	149	669618	21.573	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.286	252	437227	16.742	ng/ul	98
85) Benzo(a)anthracene	21.344	228	1480934	19.432	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.274	149	945508	22.062	ng/ul#	96
87) Chrysene	21.397	228	1429758	19.093	ng/ul	99
89) Di-n-octyl phthalate	22.174	149	1460914	20.388	ng/ul	100
90) Benzo(b)fluoranthene	22.974	252	1402647	19.086	ng/ul	99
91) Benzo(k)fluoranthene	23.027	252	1375595	19.674	ng/ul	99
93) Benzo(a)pyrene	23.580	252	1411533	19.523	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.091	276	1572830	18.503	ng/ul	96
95) Dibenzo(a,h)anthracene	26.109	278	1346888	18.394	ng/ul	98
96) Benzo(g,h,i)perylene	26.832	276	1338461	18.413	ng/ul	99

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

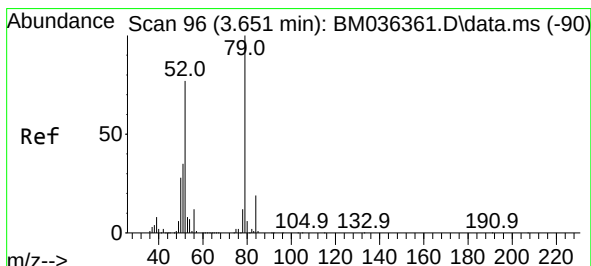
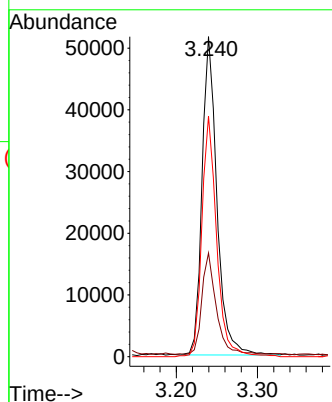
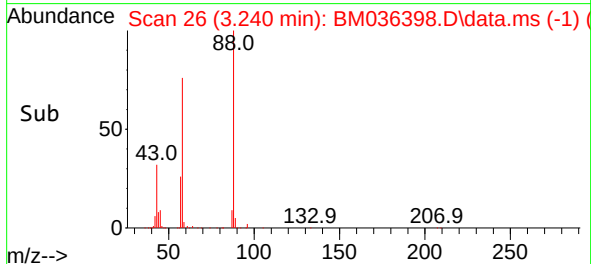


#2
1,4-Dioxane
Concen: 7.398 ng/uL
RT: 3.240 min Scan# 20
Delta R.T. 0.000 min
Lab File: BM036398.D
Acq: 23 Aug 2022 20:09

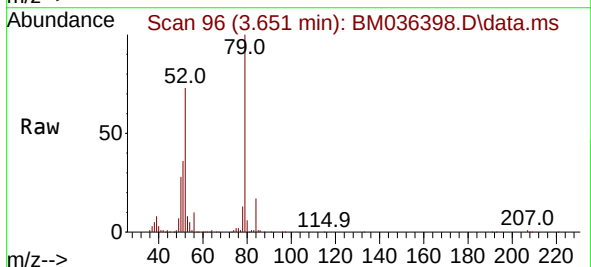
Instrument :
BNA_M
ClientSampleId :



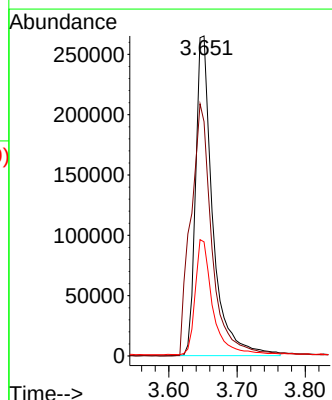
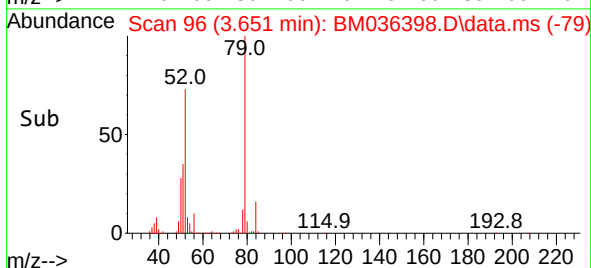
Tgt Ion:	88	Resp:	65750
Ion	Ratio	Lower	Upper
88	100		
43	32.4	27.8	41.8
58	75.2	61.8	92.8

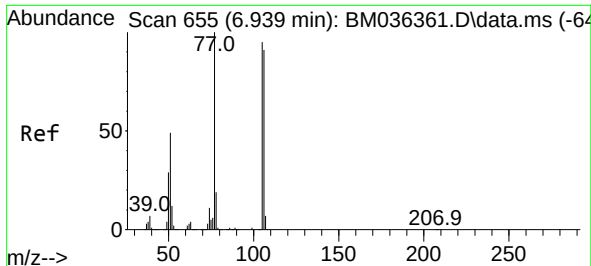


#5
Pyridine
Concen: 19.319 ng/uL
RT: 3.651 min Scan# 96
Delta R.T. -0.000 min
Lab File: BM036398.D
Acq: 23 Aug 2022 20:09



Tgt Ion:	79	Resp:	464369
Ion	Ratio	Lower	Upper
79	100		
52	73.2	67.8	101.6
51	35.7	31.4	47.0

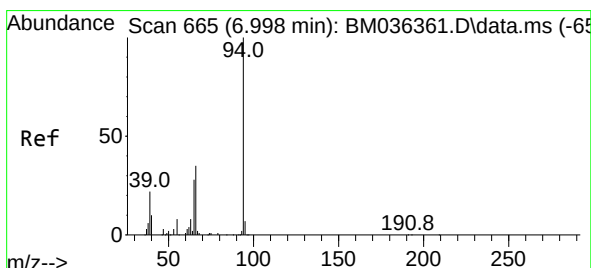
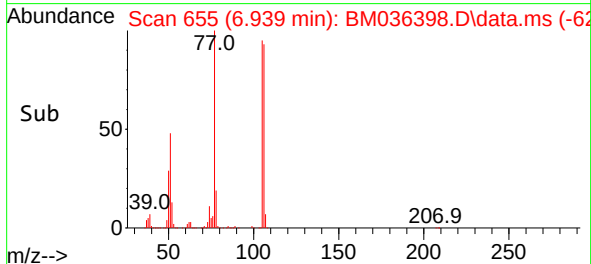
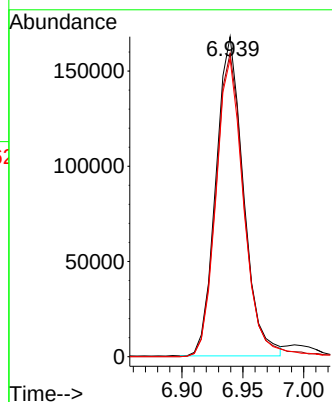
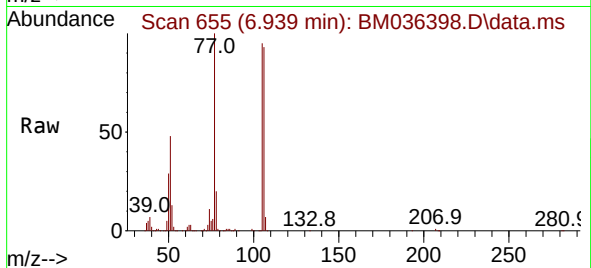




#6
Benzaldehyde
Concen: 23.418 ng/ul
RT: 6.939 min Scan# 655
Delta R.T. 0.000 min
Lab File: BM036398.D
Acq: 23 Aug 2022 20:09

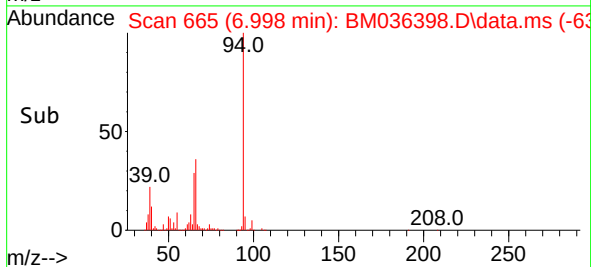
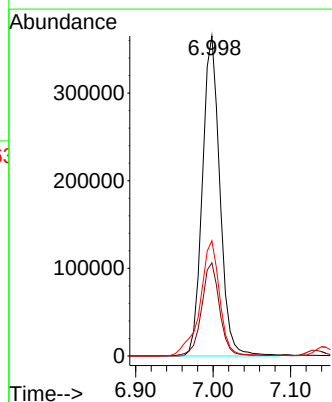
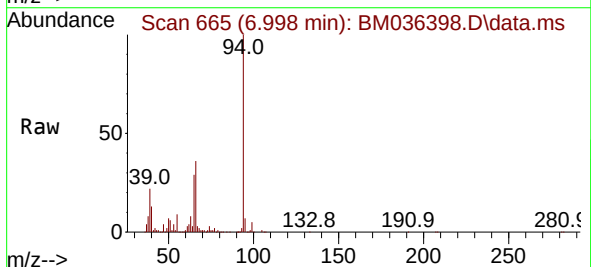
Instrument :
BNA_M
ClientSampleId :

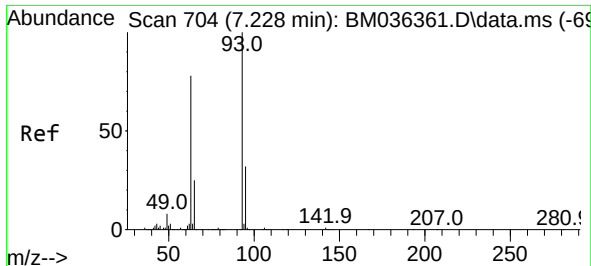
Tgt Ion: 77 Resp: 264041
Ion Ratio Lower Upper
77 100
105 94.8 84.6 127.0
106 93.1 80.3 120.5



#8
Phenol
Concen: 20.045 ng/ul
RT: 6.998 min Scan# 665
Delta R.T. 0.000 min
Lab File: BM036398.D
Acq: 23 Aug 2022 20:09

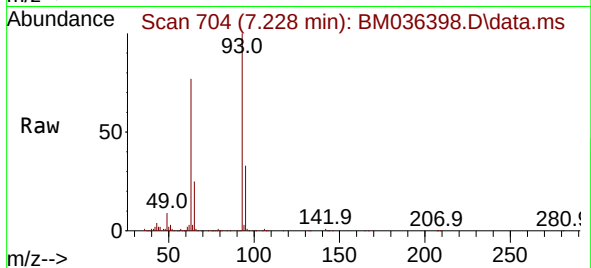
Tgt Ion: 94 Resp: 572064
Ion Ratio Lower Upper
94 100
65 29.1 21.3 31.9
66 36.0 27.4 41.0





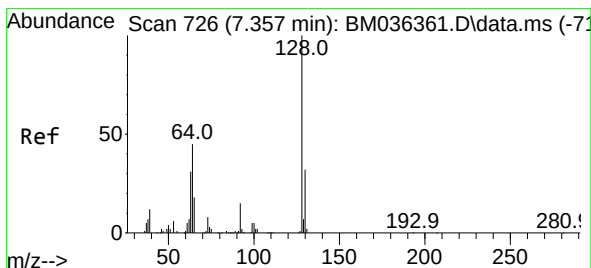
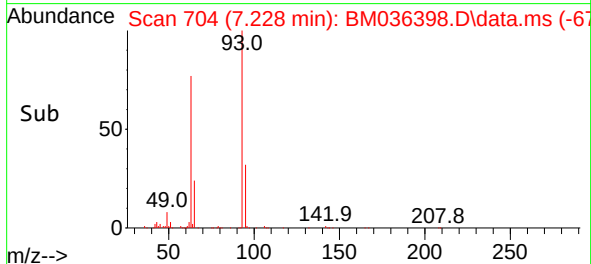
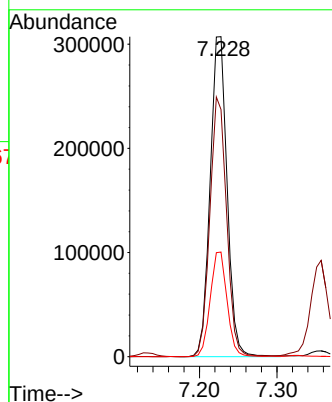
#10
 Bis(2-Chloroethyl)ether
 Concen: 20.454 ng/ul
 RT: 7.228 min Scan# 704
 Delta R.T. 0.000 min
 Lab File: BM036398.D
 Acq: 23 Aug 2022 20:09

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion: 93 Resp: 466879

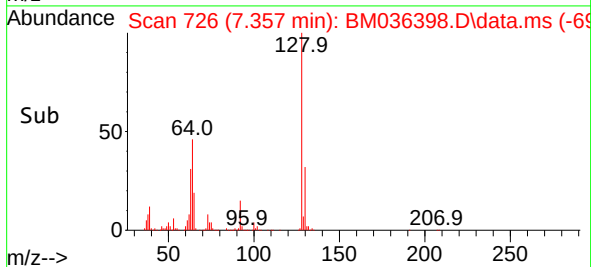
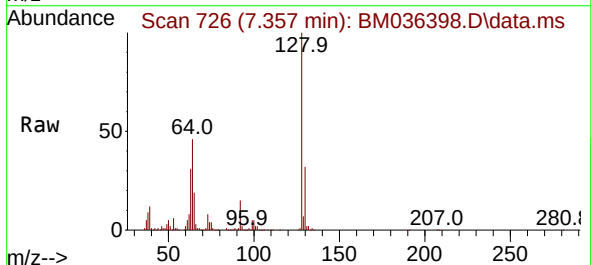
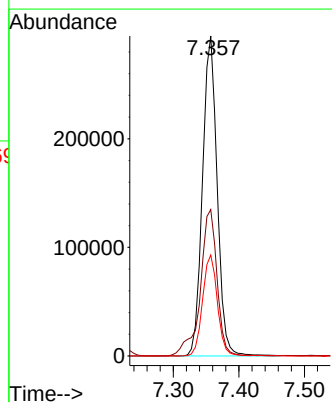
Ion	Ratio	Lower	Upper
93	100		
63	77.2	64.0	96.0
95	32.7	25.8	38.6

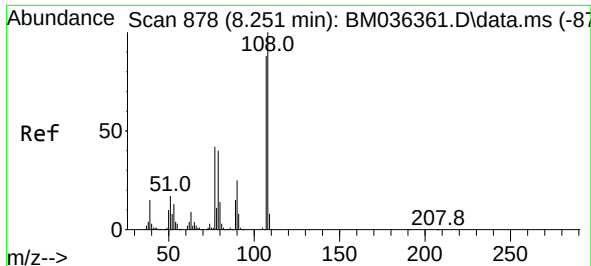


#12
 2-Chlorophenol
 Concen: 20.396 ng/ul
 RT: 7.357 min Scan# 726
 Delta R.T. 0.000 min
 Lab File: BM036398.D
 Acq: 23 Aug 2022 20:09

Tgt Ion: 128 Resp: 459968

Ion	Ratio	Lower	Upper
128	100		
64	45.8	36.9	55.3
130	31.5	25.6	38.4

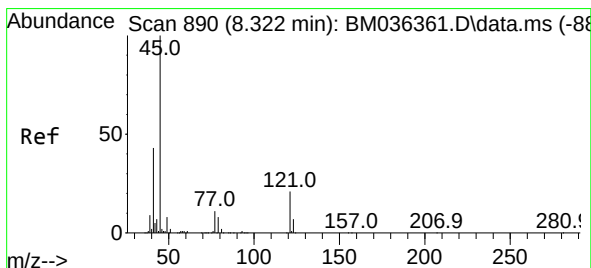
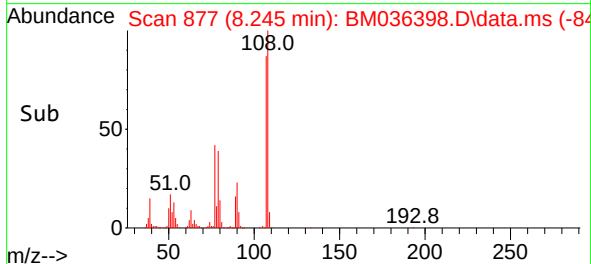
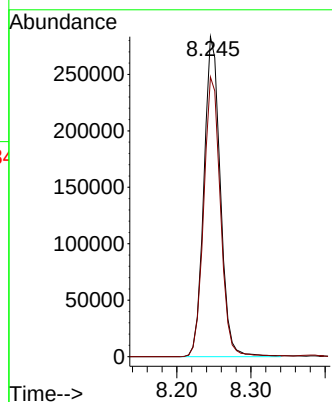
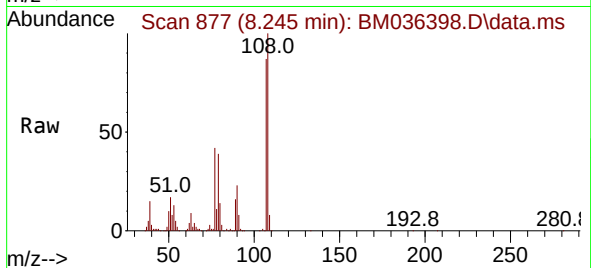




#13
2-Methylphenol
Concen: 20.774 ng/ul
RT: 8.245 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM036398.D
Acq: 23 Aug 2022 20:09

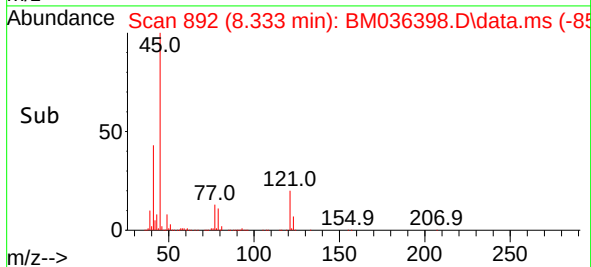
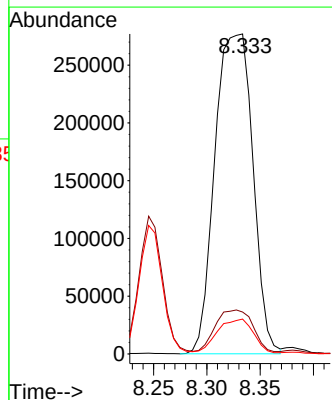
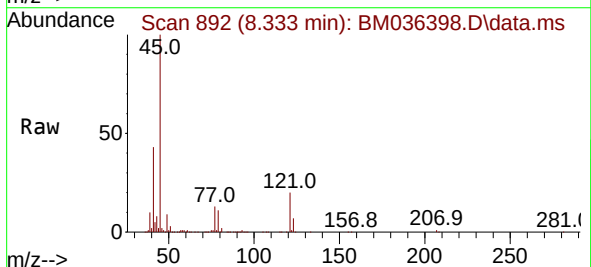
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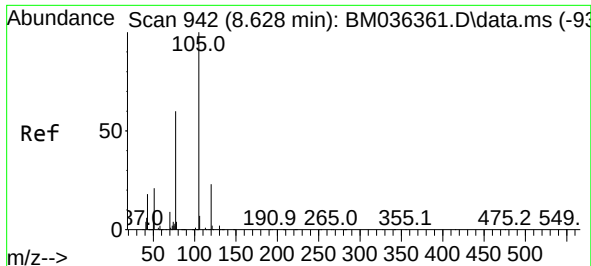
Tgt Ion:108 Resp: 437014
Ion Ratio Lower Upper
108 100
107 87.4 75.0 112.4



#14
2,2'-oxybis(1-Chloropropane)
Concen: 22.463 ng/ul
RT: 8.333 min Scan# 892
Delta R.T. 0.000 min
Lab File: BM036398.D
Acq: 23 Aug 2022 20:09

Tgt Ion: 45 Resp: 685999
Ion Ratio Lower Upper
45 100
77 13.1 10.6 15.8
79 10.9 8.3 12.5

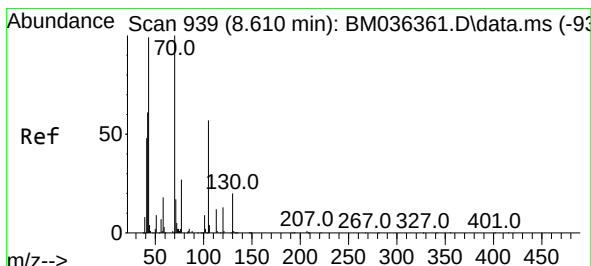
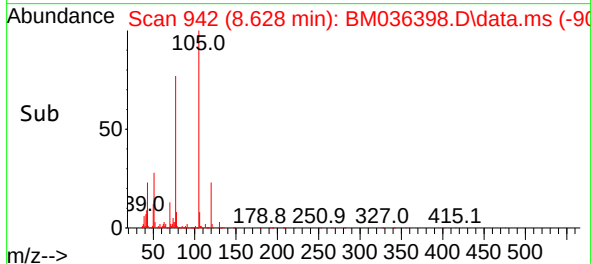
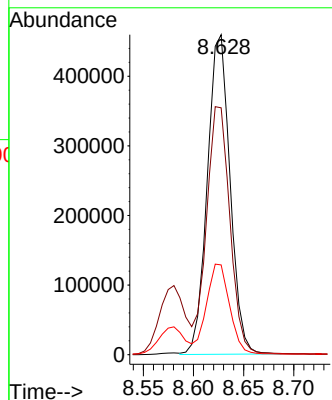
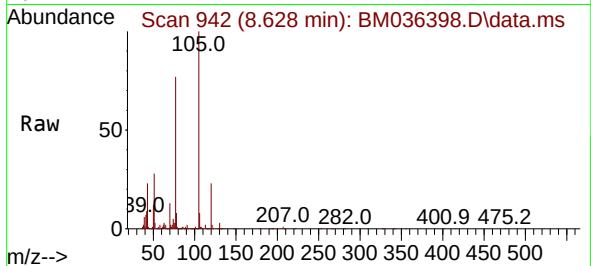




#16
Acetophenone
Concen: 21.962 ng/ul
RT: 8.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BM036398.D
Acq: 23 Aug 2022 20:09

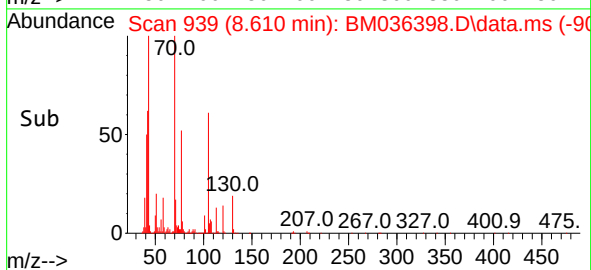
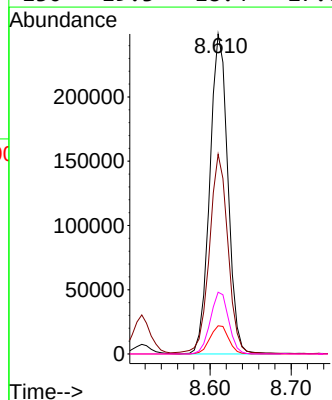
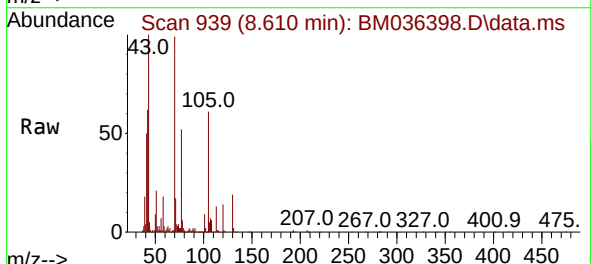
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ClientSampleId :

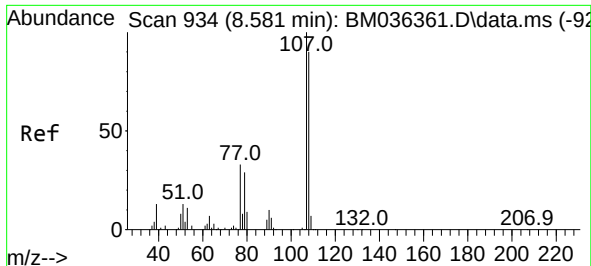
Tgt Ion:105 Resp: 723949
Ion Ratio Lower Upper
105 100
77 77.2 59.8 89.6
51 28.0 22.1 33.1



#17
N-Nitroso-di-n-propylamine
Concen: 23.485 ng/ul
RT: 8.610 min Scan# 939
Delta R.T. 0.000 min
Lab File: BM036398.D
Acq: 23 Aug 2022 20:09

Tgt Ion: 70 Resp: 385305
Ion Ratio Lower Upper
70 100
42 62.4 49.6 74.4
101 8.8 8.1 12.1
130 19.3 18.4 27.6

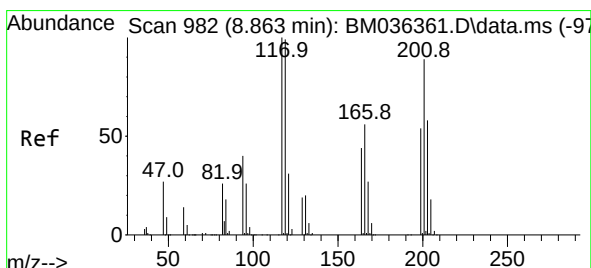
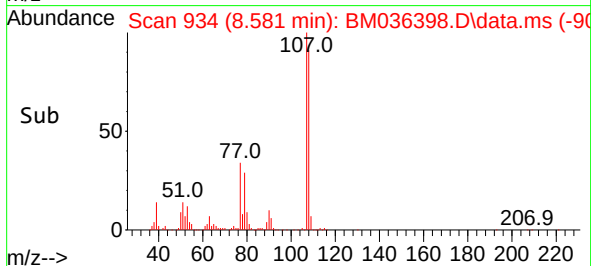
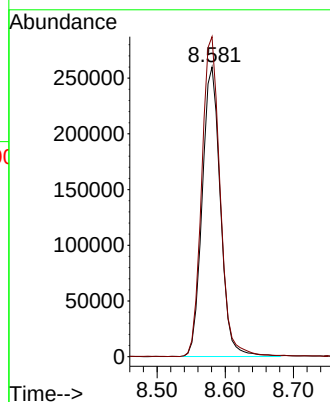
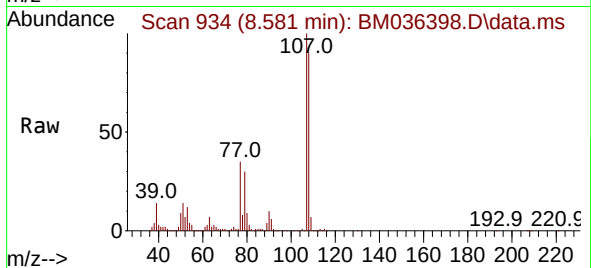




#18
4-Methylphenol
Concen: 21.447 ng/ul
RT: 8.581 min Scan# 911
Delta R.T. 0.000 min
Lab File: BM036398.D
Acq: 23 Aug 2022 20:09

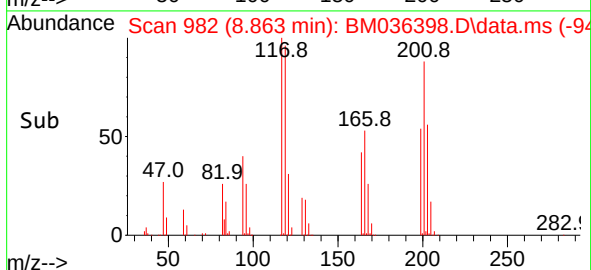
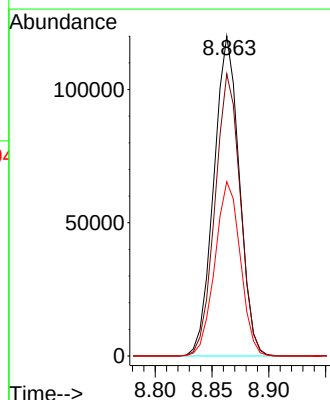
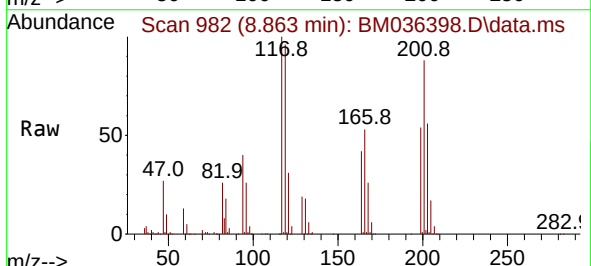
Instrument :
BNA_M
ClientSampleId :

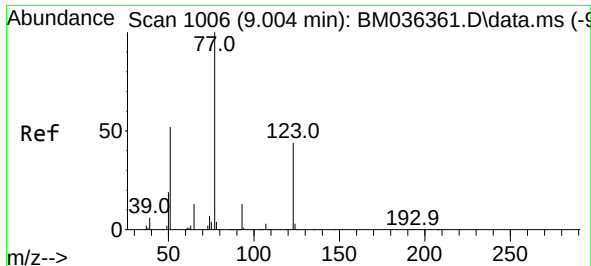
Tgt Ion:108 Resp: 482945
Ion Ratio Lower Upper
108 100
107 110.5 90.3 135.5



#19
Hexachloroethane
Concen: 19.860 ng/ul
RT: 8.863 min Scan# 982
Delta R.T. 0.000 min
Lab File: BM036398.D
Acq: 23 Aug 2022 20:09

Tgt Ion:117 Resp: 187381
Ion Ratio Lower Upper
117 100
201 88.1 81.8 122.6
199 54.5 51.6 77.4

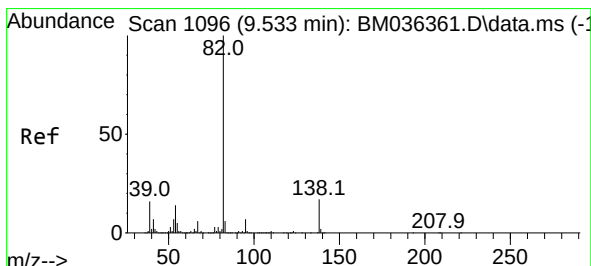
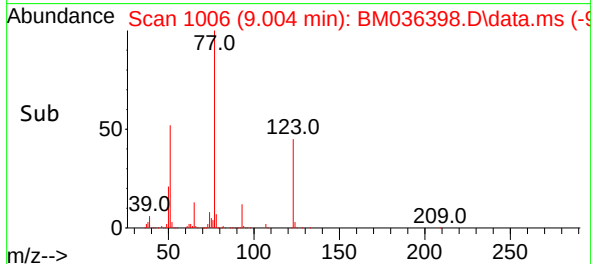
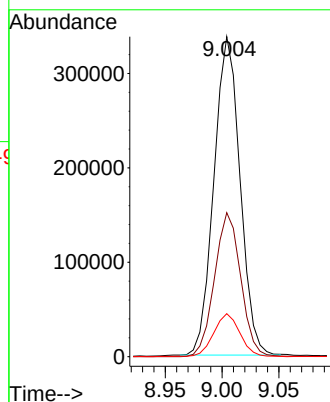
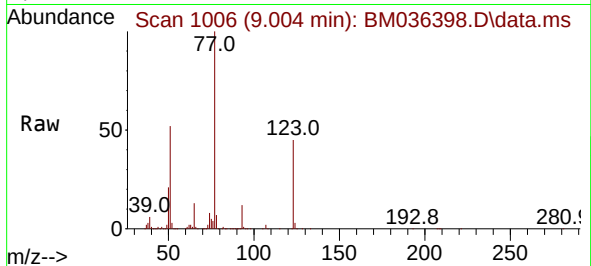




#22
Nitrobenzene
Concen: 19.717 ng/ul
RT: 9.004 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BM036398.D
Acq: 23 Aug 2022 20:09

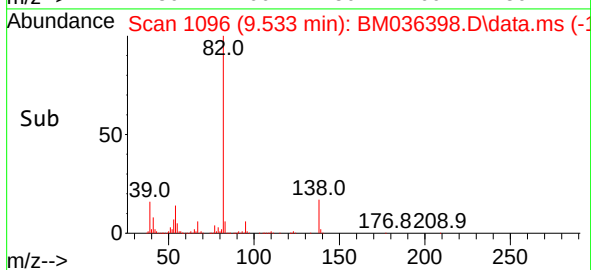
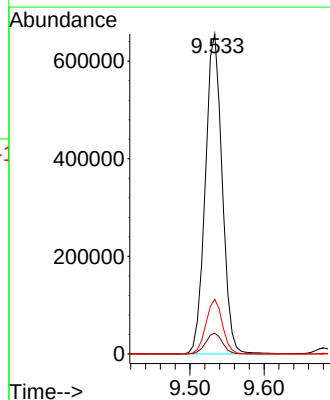
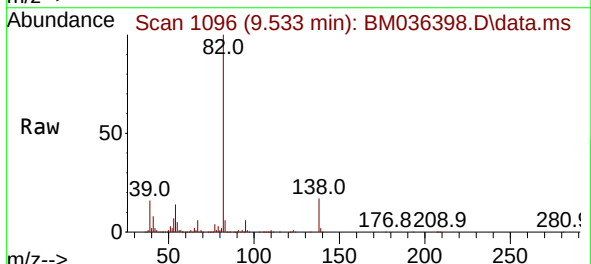
Instrument :
BNA_M
ClientSampleId :

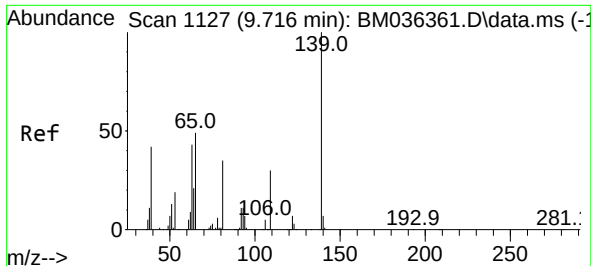
Tgt Ion: 77 Resp: 538753
Ion Ratio Lower Upper
77 100
123 45.0 37.4 56.0
65 13.5 10.8 16.2



#23
Isophorone
Concen: 21.342 ng/ul
RT: 9.533 min Scan# 1096
Delta R.T. 0.000 min
Lab File: BM036398.D
Acq: 23 Aug 2022 20:09

Tgt Ion: 82 Resp: 1035577
Ion Ratio Lower Upper
82 100
95 6.5 5.5 8.3
138 17.1 15.3 22.9

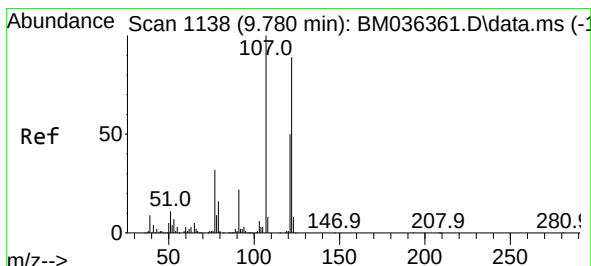
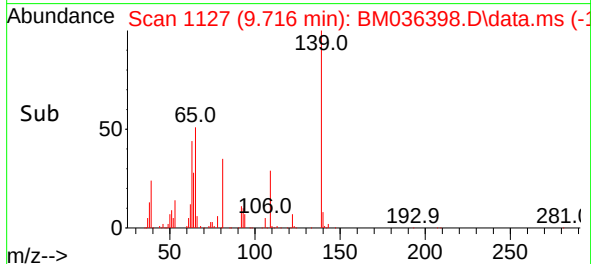
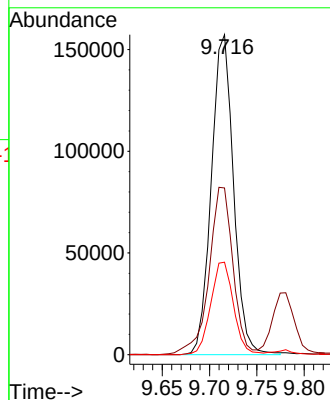
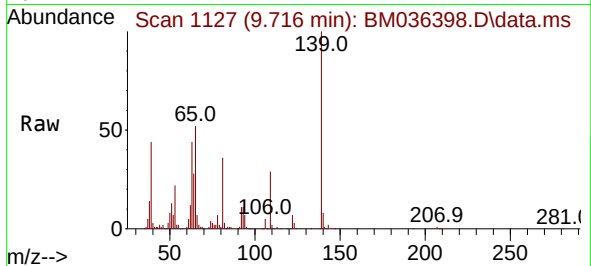




#25
2-Nitrophenol
Concen: 19.669 ng/ul
RT: 9.716 min Scan# 1127
Delta R.T. 0.000 min
Lab File: BM036398.D
Acq: 23 Aug 2022 20:09

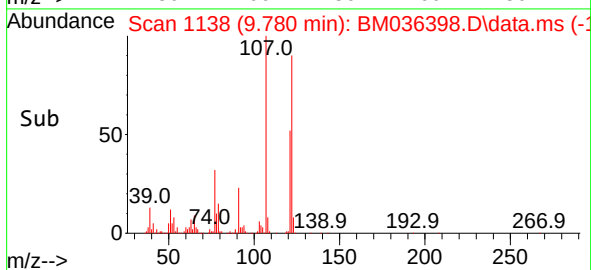
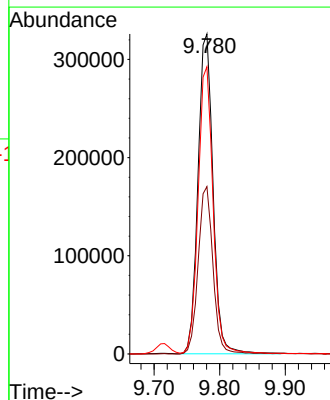
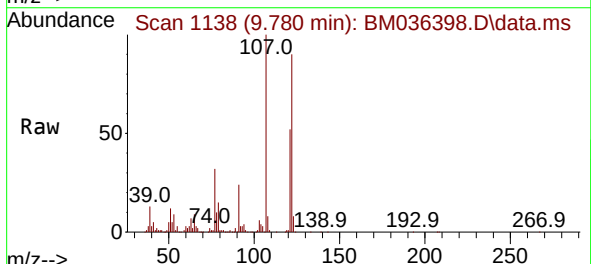
Instrument :
BNA_M
ClientSampleId :

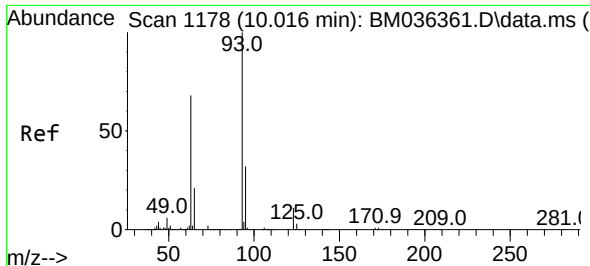
Tgt Ion:139 Resp: 256328
Ion Ratio Lower Upper
139 100
65 52.1 39.8 59.6
109 28.9 22.2 33.4



#26
2,4-Dimethylphenol
Concen: 19.996 ng/ul
RT: 9.780 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BM036398.D
Acq: 23 Aug 2022 20:09

Tgt Ion:107 Resp: 521144
Ion Ratio Lower Upper
107 100
121 52.3 42.7 64.1
122 89.8 71.5 107.3

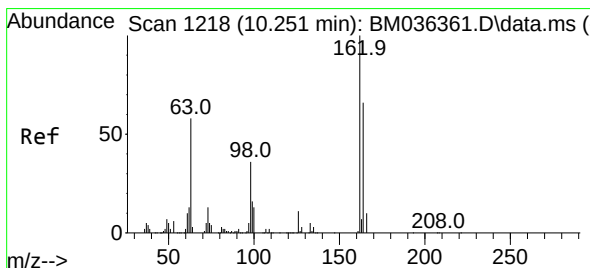
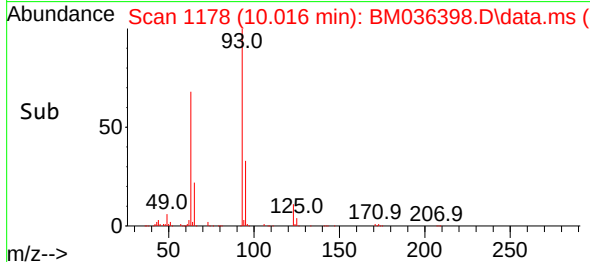
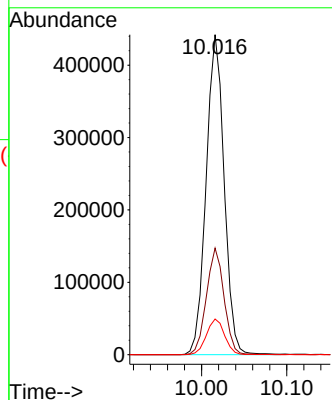
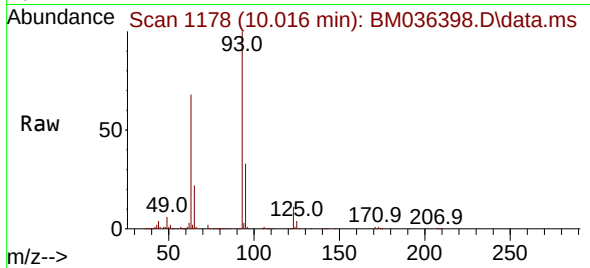




#27
 Bis(2-Chloroethoxy)methane
 Concen: 20.586 ng/ul
 RT: 10.016 min Scan# 1178
 Delta R.T. 0.000 min
 Lab File: BM036398.D
 Acq: 23 Aug 2022 20:09

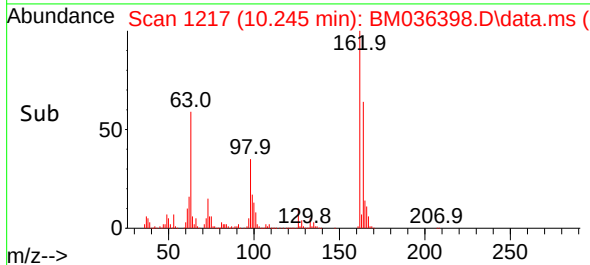
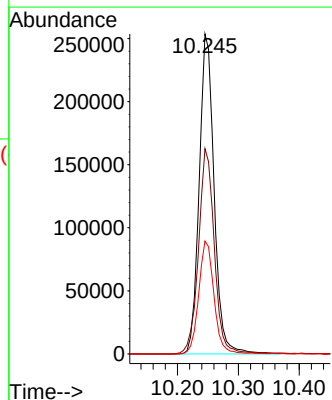
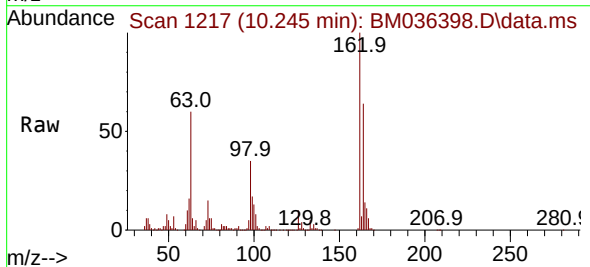
Instrument :
 BNA_M
 ClientSampleId :

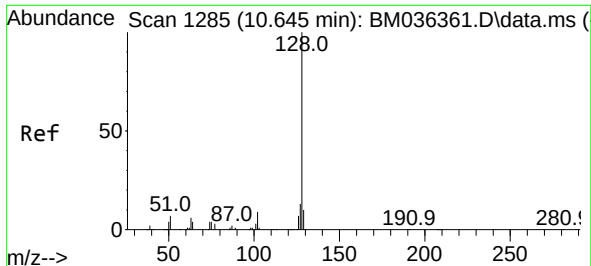
Tgt Ion: 93 Resp: 650296
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.1 39.1
 123 11.1 9.4 14.0



#29
 2,4-Dichlorophenol
 Concen: 20.259 ng/ul
 RT: 10.245 min Scan# 1217
 Delta R.T. -0.006 min
 Lab File: BM036398.D
 Acq: 23 Aug 2022 20:09

Tgt Ion: 162 Resp: 433213
 Ion Ratio Lower Upper
 162 100
 164 64.1 51.8 77.6
 98 35.3 29.5 44.3

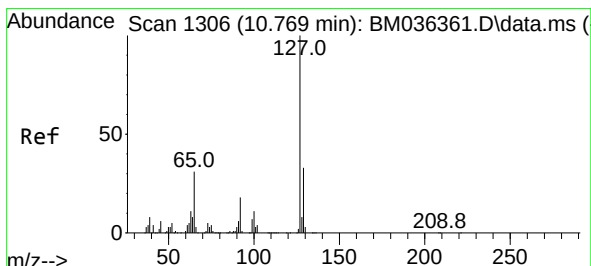
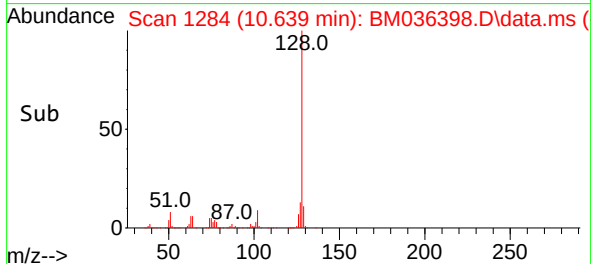
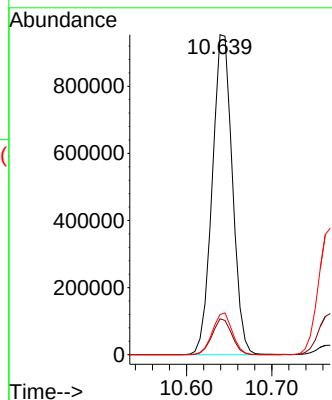
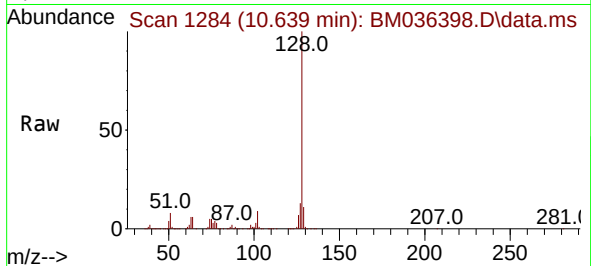




#30
Naphthalene
Concen: 19.579 ng/ul
RT: 10.639 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BM036398.D
Acq: 23 Aug 2022 20:09

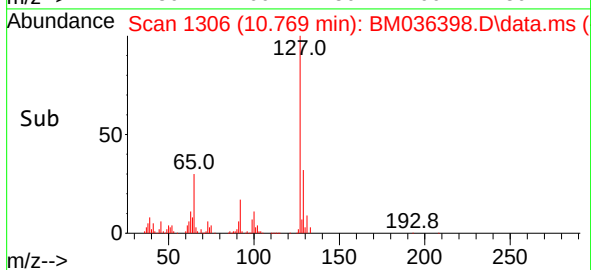
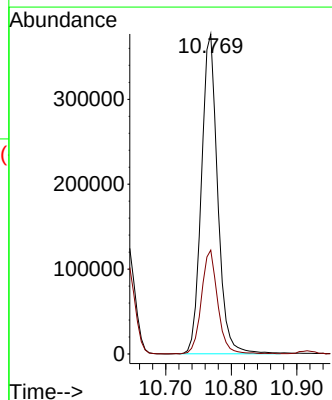
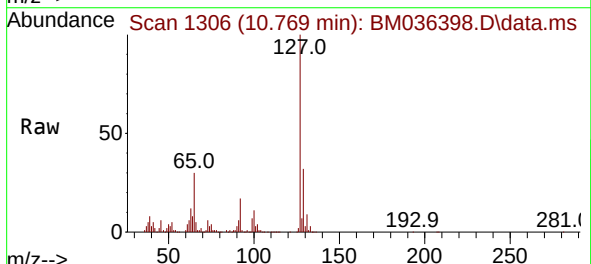
Instrument :
BNA_M
ClientSampleId :

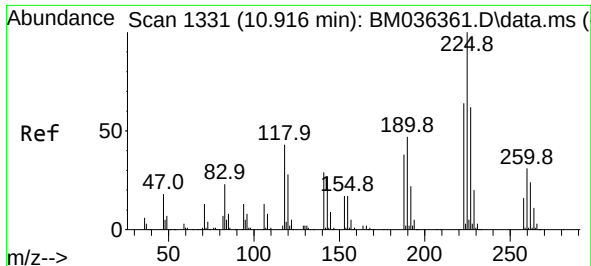
Tgt Ion:128 Resp: 1563001
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 12.6 10.6 16.0



#32
4-Chloroaniline
Concen: 19.737 ng/ul
RT: 10.769 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BM036398.D
Acq: 23 Aug 2022 20:09

Tgt Ion:127 Resp: 650471
Ion Ratio Lower Upper
127 100
129 32.5 25.3 37.9

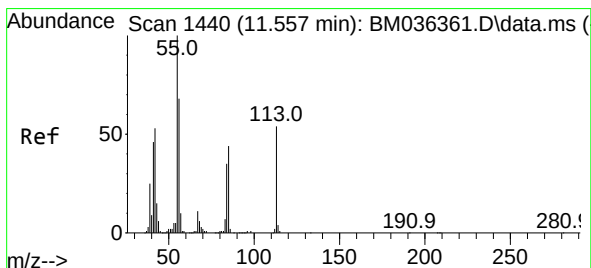
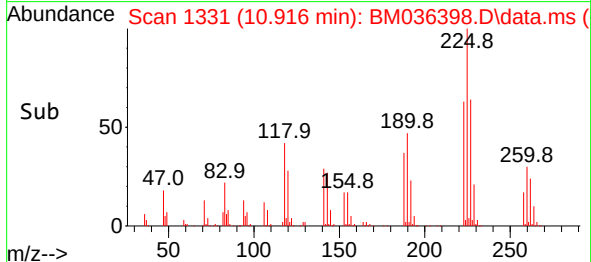
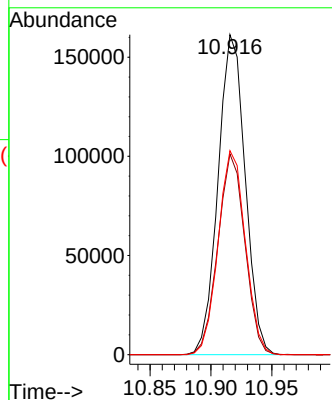
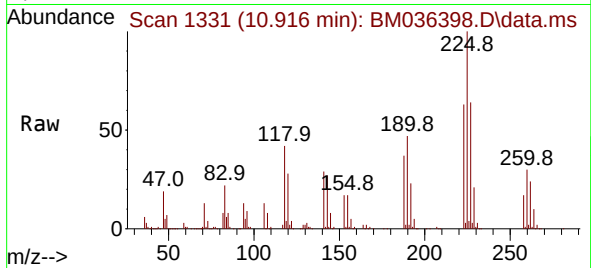




#33
Hexachlorobutadiene
Concen: 18.650 ng/ul
RT: 10.916 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM036398.D
Acq: 23 Aug 2022 20:09

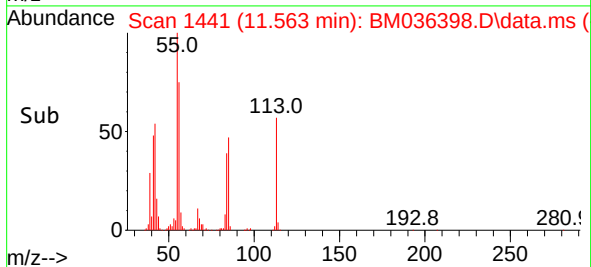
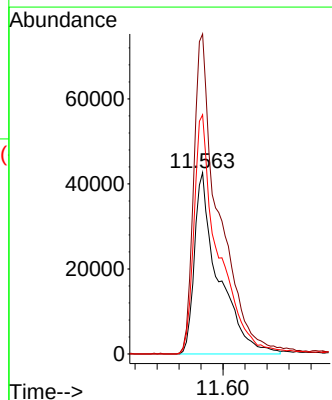
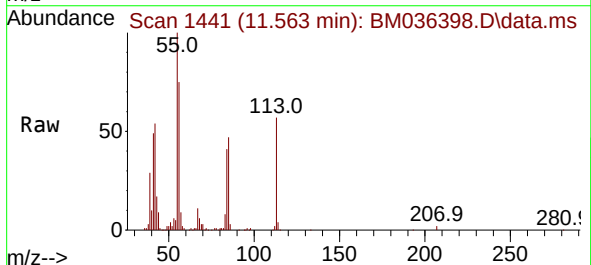
Instrument :
BNA_M
ClientSampleId :

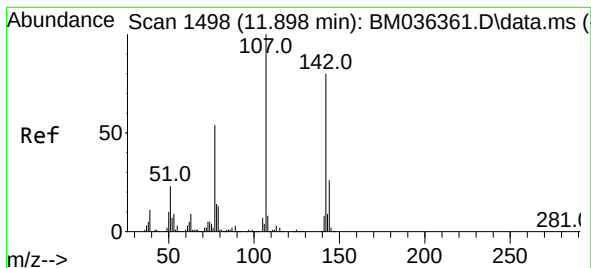
Tgt Ion:225 Resp: 250543
Ion Ratio Lower Upper
225 100
223 62.7 50.0 75.0
227 63.7 49.9 74.9



#34
Caprolactam
Concen: 20.089 ng/ul
RT: 11.563 min Scan# 1441
Delta R.T. 0.006 min
Lab File: BM036398.D
Acq: 23 Aug 2022 20:09

Tgt Ion:113 Resp: 128712
Ion Ratio Lower Upper
113 100
55 176.5 150.2 225.4
56 131.9 102.1 153.1

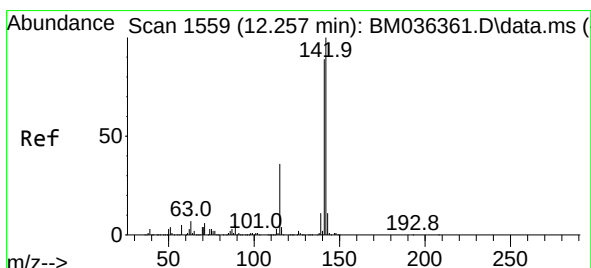
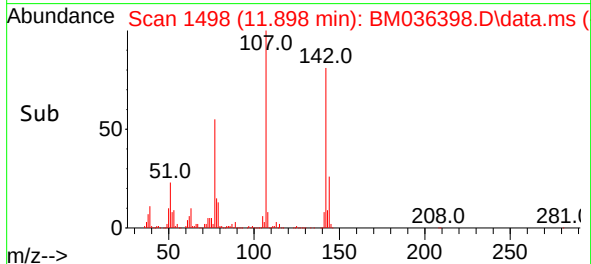
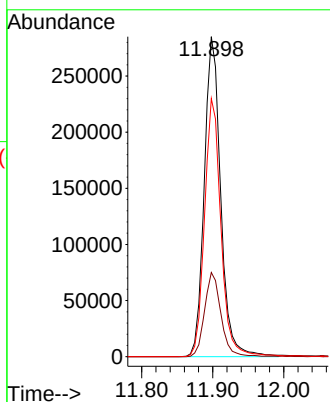
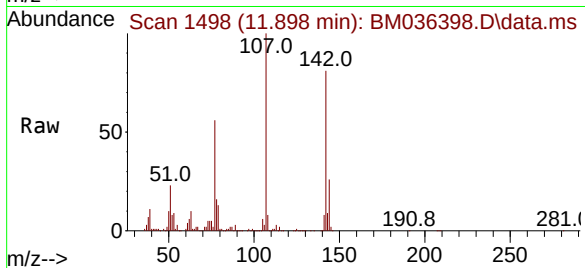




#35
 4-Chloro-3-methylphenol
 Concen: 21.315 ng/ul
 RT: 11.898 min Scan# 1498
 Delta R.T. 0.000 min
 Lab File: BM036398.D
 Acq: 23 Aug 2022 20:09

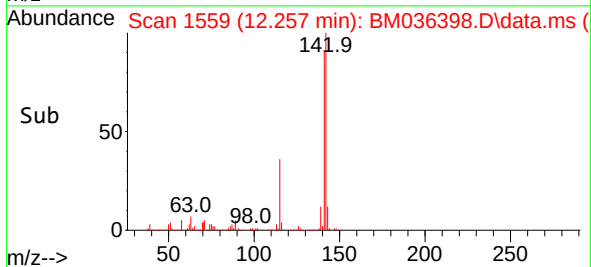
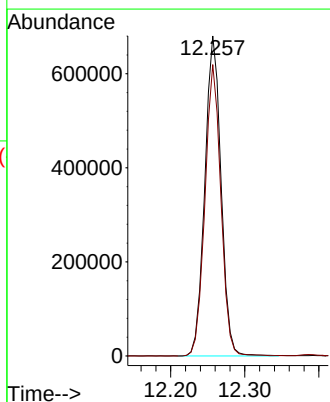
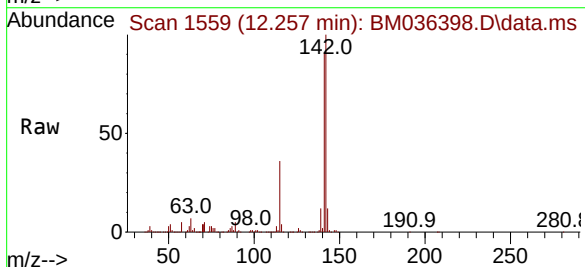
Instrument :
 BNA_M
 ClientSampleId :

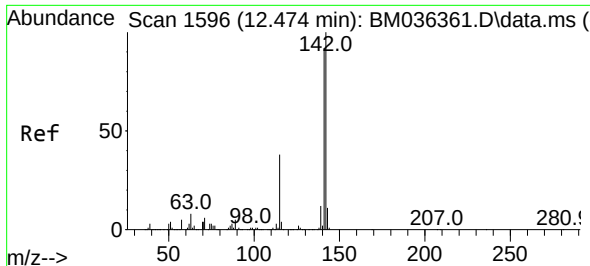
Tgt Ion:107 Resp: 460845
 Ion Ratio Lower Upper
 107 100
 144 26.3 20.3 30.5
 142 80.6 64.4 96.6



#36
 2-Methylnaphthalene
 Concen: 20.621 ng/ul
 RT: 12.257 min Scan# 1559
 Delta R.T. 0.000 min
 Lab File: BM036398.D
 Acq: 23 Aug 2022 20:09

Tgt Ion:142 Resp: 1032827
 Ion Ratio Lower Upper
 142 100
 141 91.1 70.7 106.1





#37

1-Methylnaphthalene

Concen: 20.645 ng/ul

RT: 12.474 min Scan# 1

Delta R.T. 0.000 min

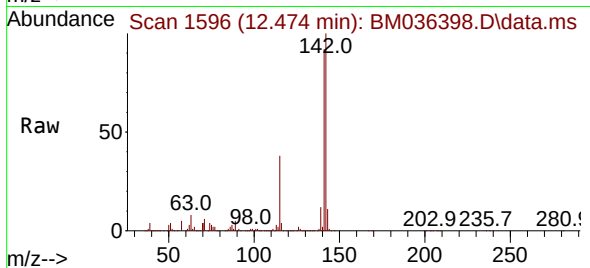
Lab File: BM036398.D

Acq: 23 Aug 2022 20:09

Instrument :

BNA_M

ClientSampleId :



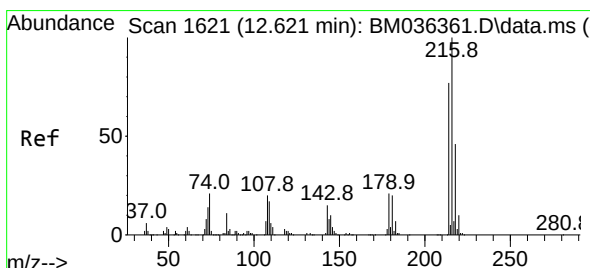
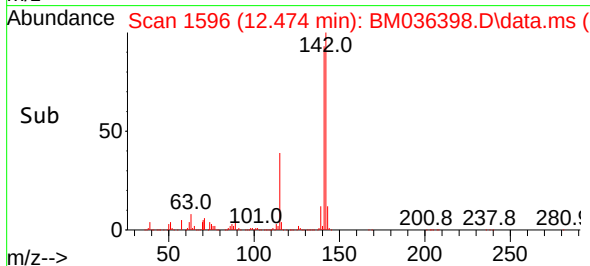
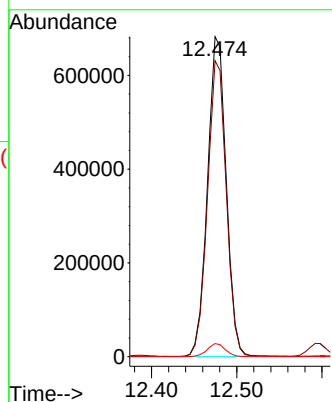
Tgt Ion:142 Resp: 1041360

Ion Ratio Lower Upper

142 100

141 92.5 75.2 112.8

116 4.1 2.6 3.8#



#39

1,2,4,5-Tetrachlorobenzene

Concen: 18.775 ng/ul

RT: 12.627 min Scan# 1622

Delta R.T. 0.006 min

Lab File: BM036398.D

Acq: 23 Aug 2022 20:09

Tgt Ion:216 Resp: 485330

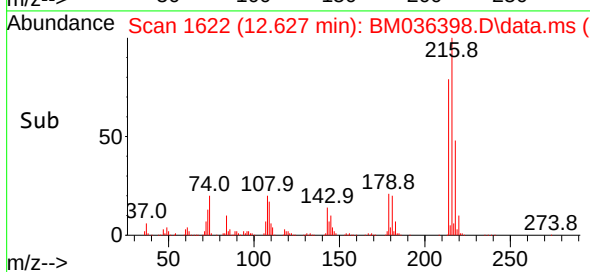
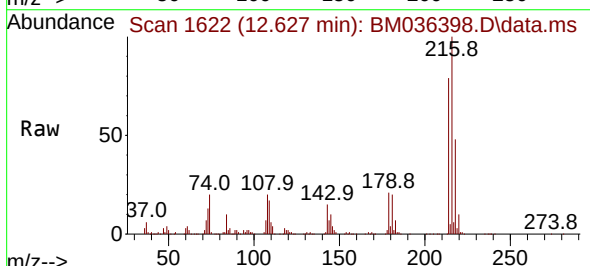
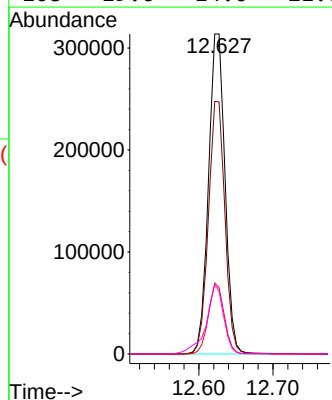
Ion Ratio Lower Upper

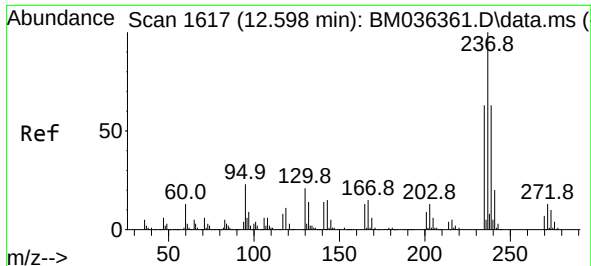
216 100

214 78.7 62.4 93.6

179 20.7 17.3 25.9

108 19.6 14.0 21.0

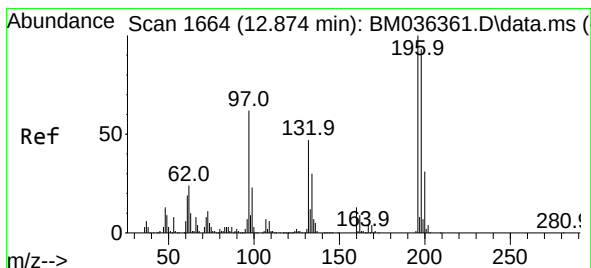
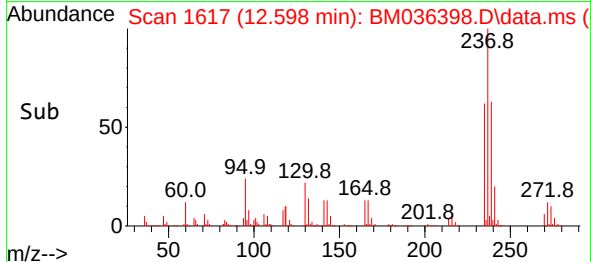
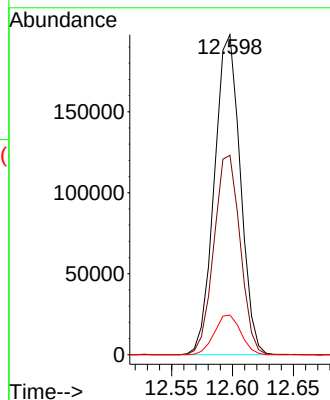
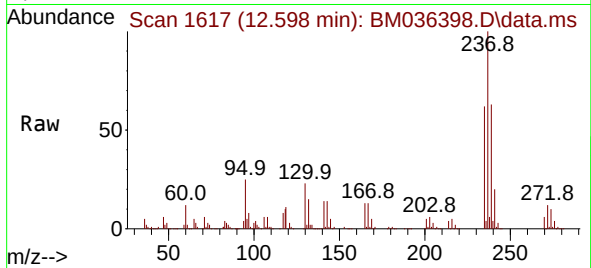




#40
Hexachlorocyclopentadiene
Concen: 19.107 ng/ul
RT: 12.598 min Scan# 1617
Delta R.T. 0.000 min
Lab File: BM036398.D
Acq: 23 Aug 2022 20:09

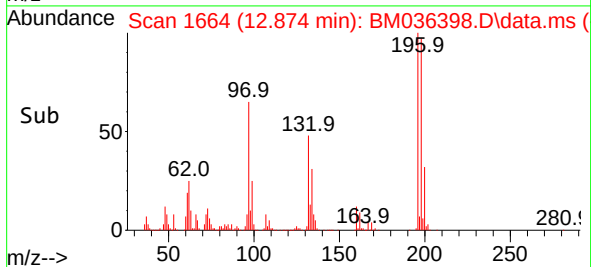
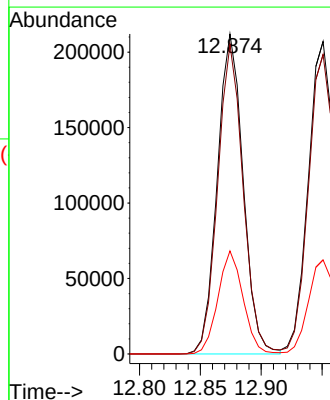
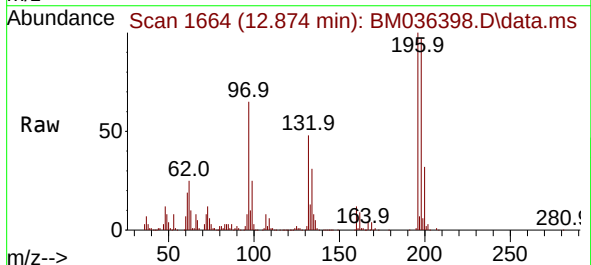
Instrument :
BNA_M
ClientSampleId :

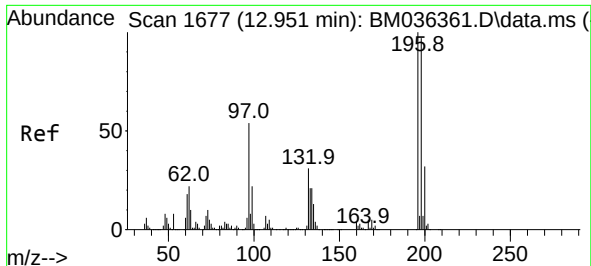
Tgt Ion:237 Resp: 293012
Ion Ratio Lower Upper
237 100
235 62.3 48.4 72.6
272 13.0 11.6 17.4



#41
2,4,6-Trichlorophenol
Concen: 19.256 ng/ul
RT: 12.874 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BM036398.D
Acq: 23 Aug 2022 20:09

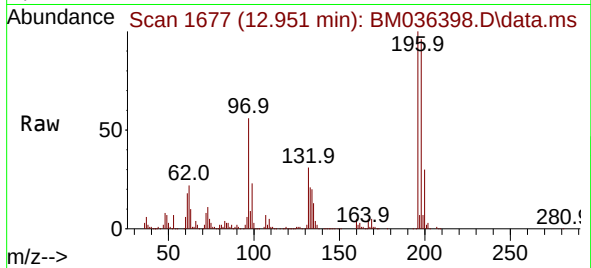
Tgt Ion:196 Resp: 313215
Ion Ratio Lower Upper
196 100
198 96.7 77.8 116.6
200 32.2 25.0 37.6



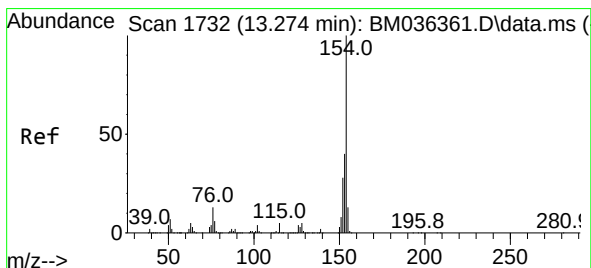
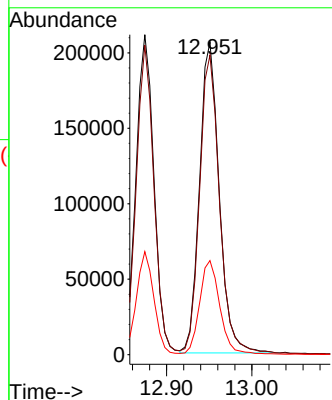
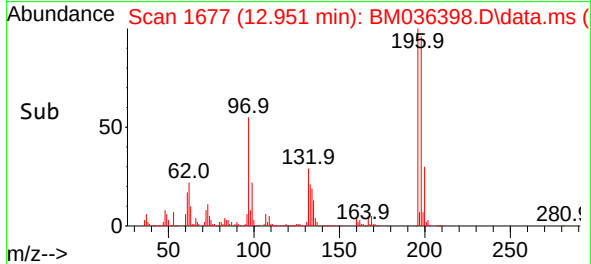


#42
2,4,5-Trichlorophenol
Concen: 19.198 ng/uI
RT: 12.951 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BM036398.D
Acq: 23 Aug 2022 20:09

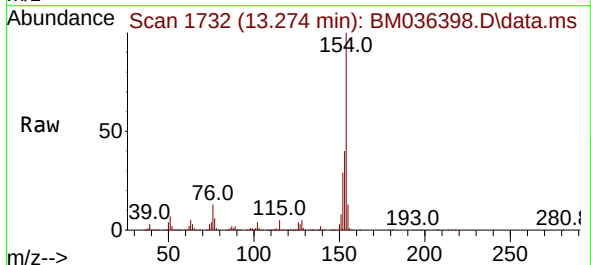
Instrument :
BNA_M
ClientSampleId :



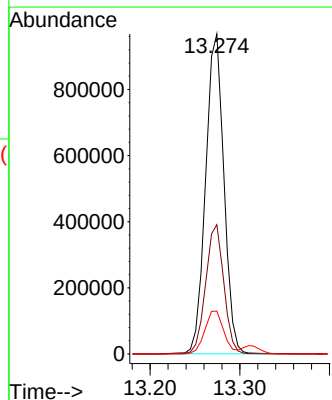
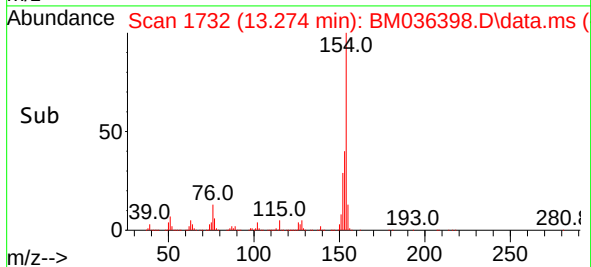
Tgt Ion:196 Resp: 331233
Ion Ratio Lower Upper
196 100
198 95.9 76.8 115.2
200 30.1 24.9 37.3

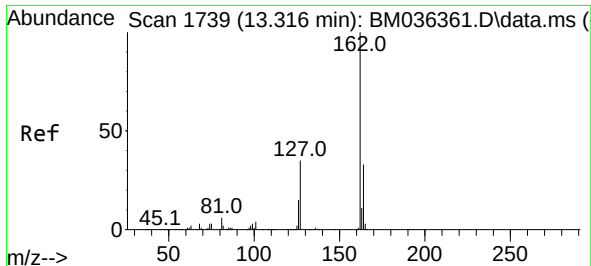


#43
1,1'-Biphenyl
Concen: 19.404 ng/uI
RT: 13.274 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BM036398.D
Acq: 23 Aug 2022 20:09



Tgt Ion:154 Resp: 1364897
Ion Ratio Lower Upper
154 100
153 40.4 32.4 48.6
76 13.4 10.1 15.1

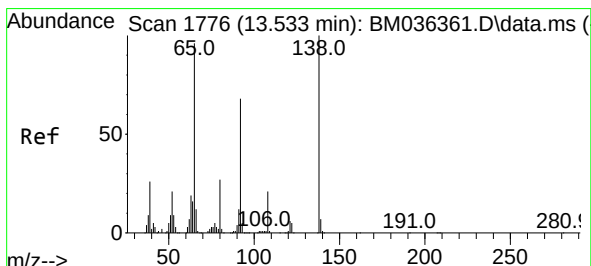
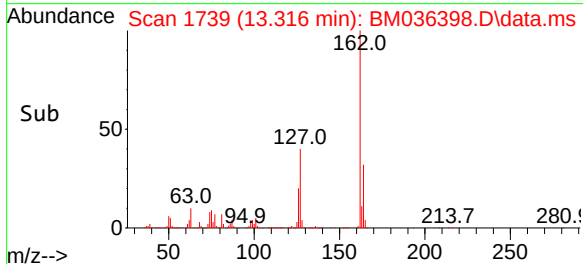
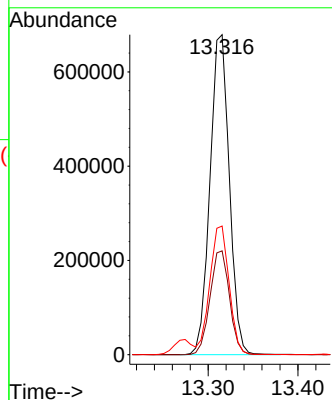
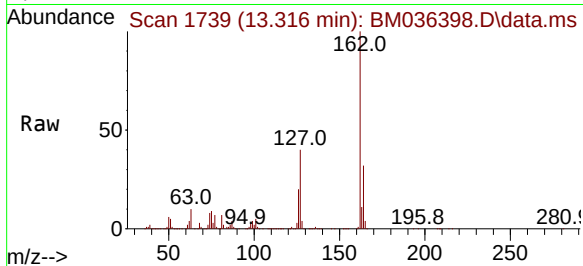




#44
2-Chloronaphthalene
Concen: 18.844 ng/ul
RT: 13.316 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM036398.D
Acq: 23 Aug 2022 20:09

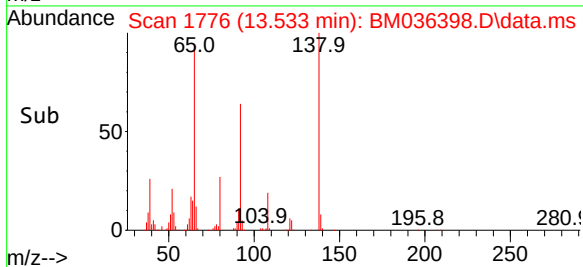
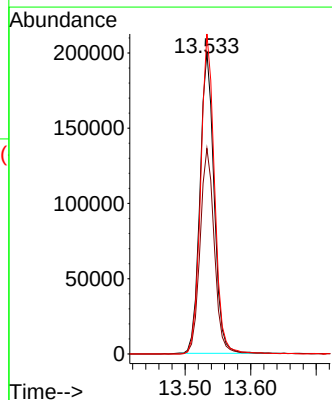
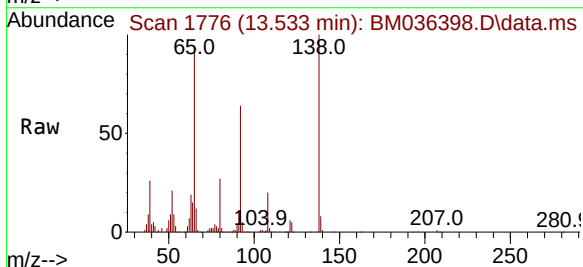
Instrument :
BNA_M
ClientSampleId :

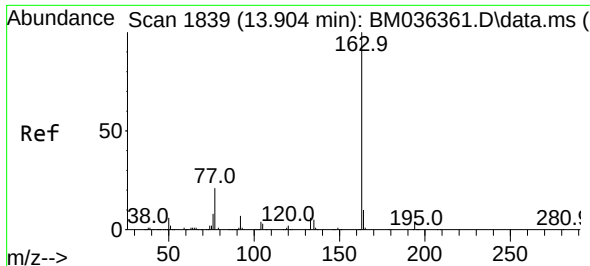
Tgt Ion:162 Resp: 1017137
Ion Ratio Lower Upper
162 100
164 32.4 25.4 38.0
127 40.2 31.6 47.4



#45
2-Nitroaniline
Concen: 20.431 ng/ul
RT: 13.533 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BM036398.D
Acq: 23 Aug 2022 20:09

Tgt Ion: 65 Resp: 298617
Ion Ratio Lower Upper
65 100
92 68.1 54.5 81.7
138 106.0 91.2 136.8

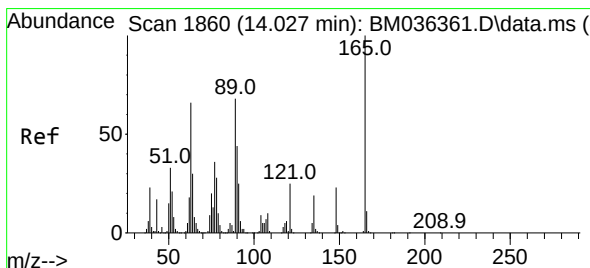
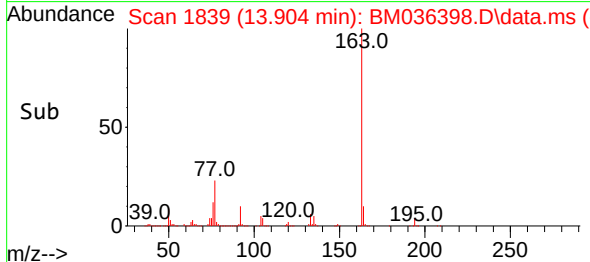
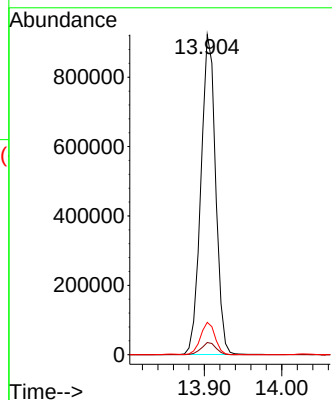
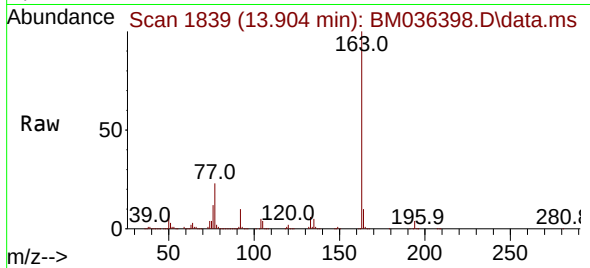




#47
Dimethylphthalate
Concen: 19.962 ng/ul
RT: 13.904 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BM036398.D
Acq: 23 Aug 2022 20:09

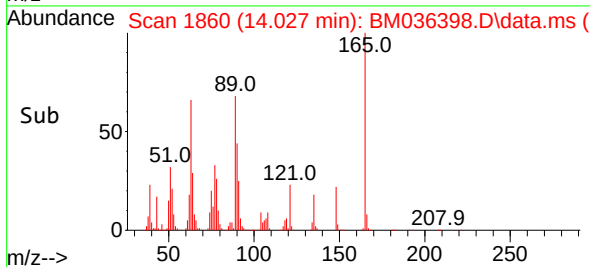
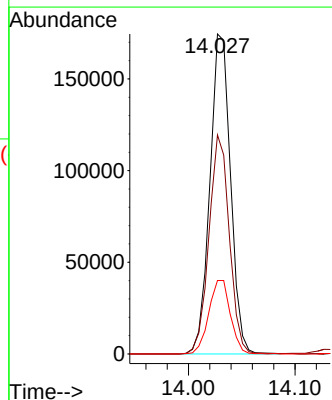
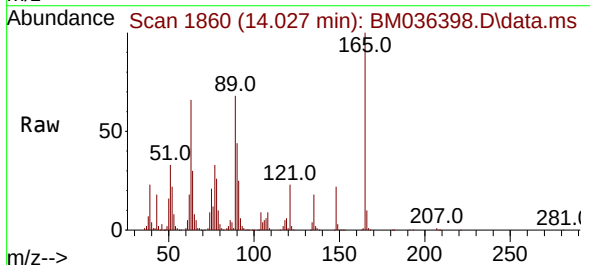
Instrument :
BNA_M
ClientSampleId :

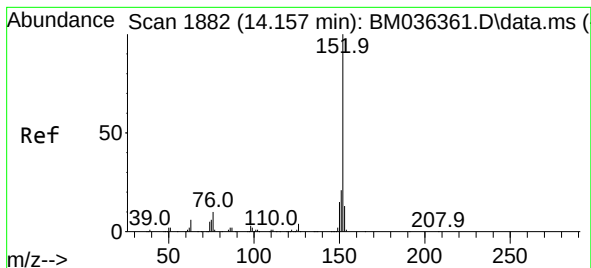
Tgt Ion:163 Resp: 1215785
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.1 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 20.425 ng/ul
RT: 14.027 min Scan# 1860
Delta R.T. 0.000 min
Lab File: BM036398.D
Acq: 23 Aug 2022 20:09

Tgt Ion:165 Resp: 234707
Ion Ratio Lower Upper
165 100
89 68.5 42.5 63.7#
121 23.0 17.2 25.8





#50

Acenaphthylene

Concen: 19.615 ng/ul

RT: 14.157 min Scan# 1882

Delta R.T. -0.000 min

Lab File: BM036398.D

Acq: 23 Aug 2022 20:09

Instrument :

BNA_M

ClientSampleId :

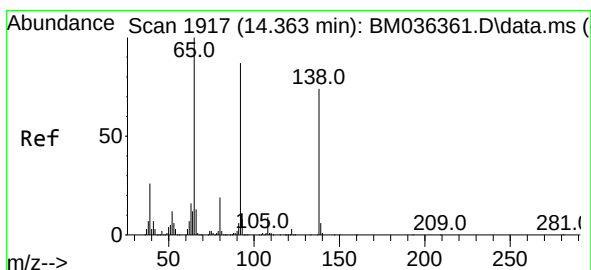
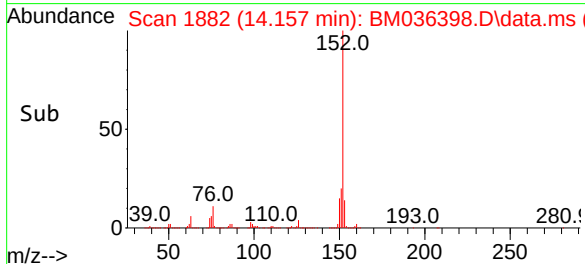
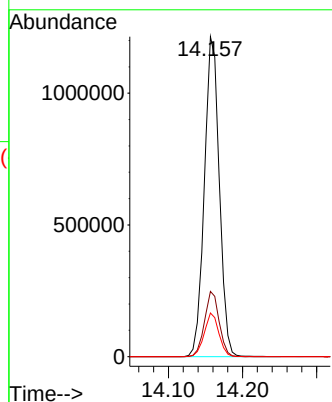
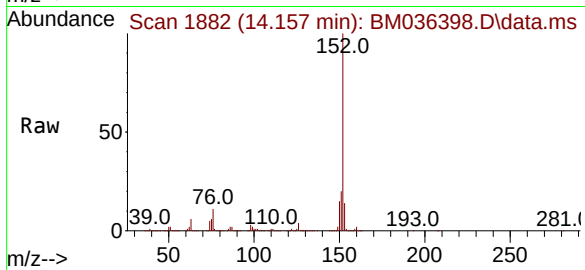
Tgt Ion:152 Resp: 1707000

Ion Ratio Lower Upper

152 100

151 20.4 16.1 24.1

153 13.6 10.6 15.8



#51

3-Nitroaniline

Concen: 18.790 ng/ul

RT: 14.363 min Scan# 1917

Delta R.T. 0.000 min

Lab File: BM036398.D

Acq: 23 Aug 2022 20:09

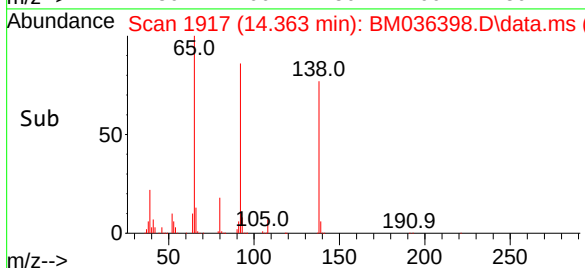
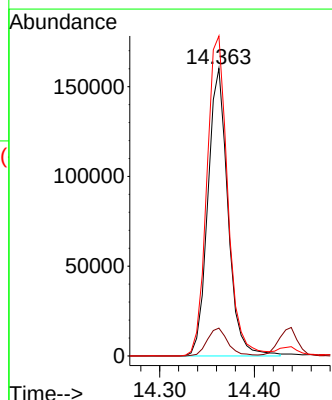
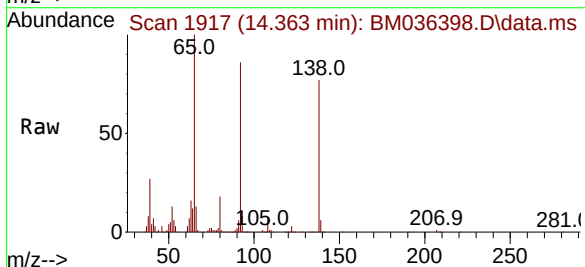
Tgt Ion:138 Resp: 236137

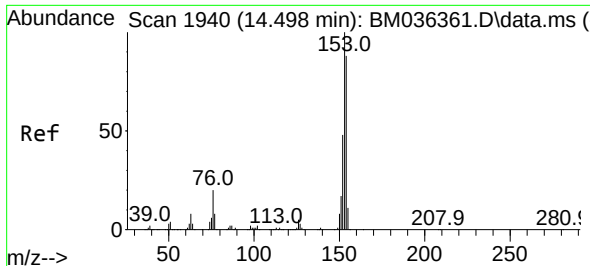
Ion Ratio Lower Upper

138 100

108 9.7 8.1 12.1

92 111.3 90.4 135.6

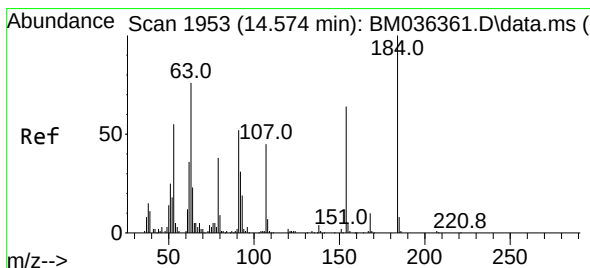
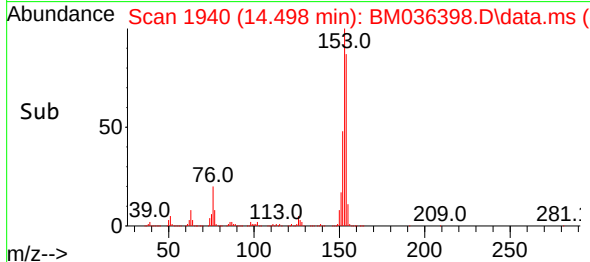
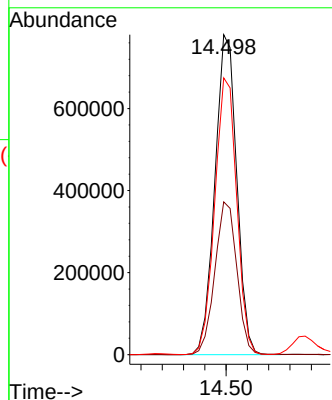
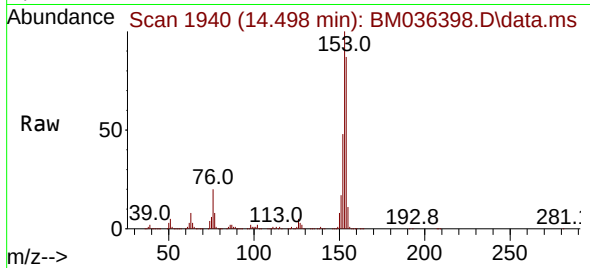




#52
Acenaphthene
Concen: 19.535 ng/ul
RT: 14.498 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BM036398.D
Acq: 23 Aug 2022 20:09

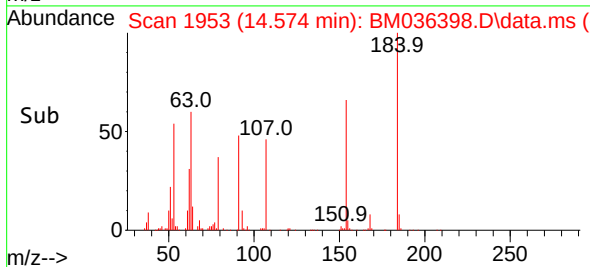
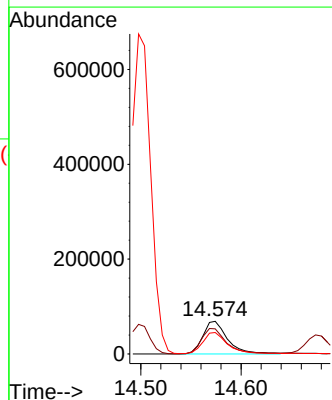
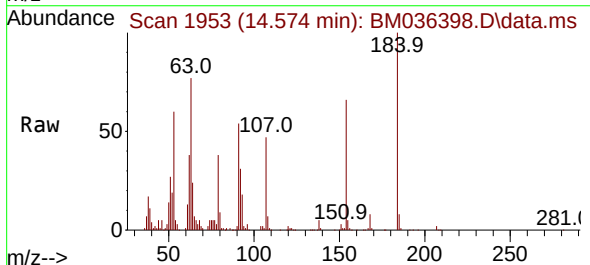
Instrument :
BNA_M
ClientSampleId :

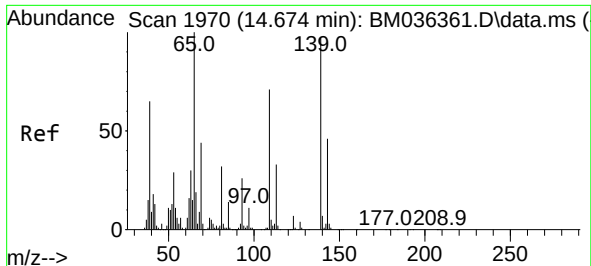
Tgt Ion:153 Resp: 1108054
Ion Ratio Lower Upper
153 100
152 47.7 37.1 55.7
154 86.5 71.3 106.9



#53
2,4-Dinitrophenol
Concen: 18.854 ng/ul
RT: 14.574 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BM036398.D
Acq: 23 Aug 2022 20:09

Tgt Ion:184 Resp: 118075
Ion Ratio Lower Upper
184 100
63 77.0 54.2 81.4
154 65.8 49.3 73.9

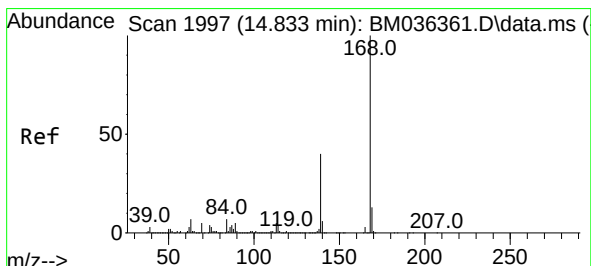
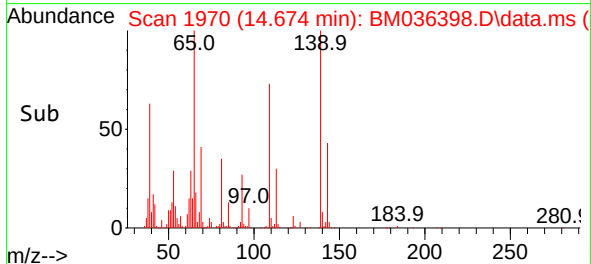
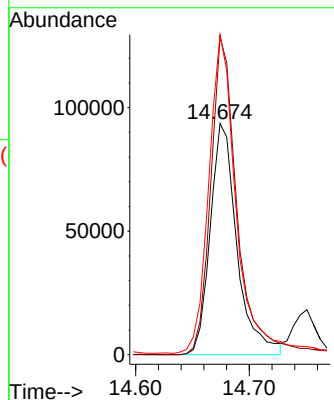
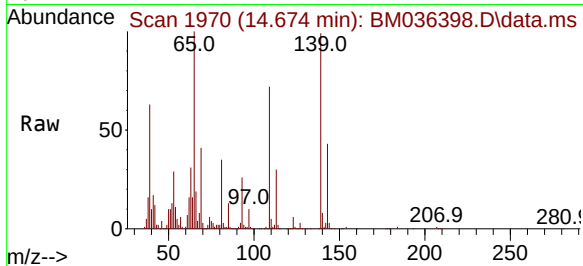




#55
4-Nitrophenol
Concen: 17.299 ng/ul
RT: 14.674 min Scan# 1970
Delta R.T. 0.000 min
Lab File: BM036398.D
Acq: 23 Aug 2022 20:09

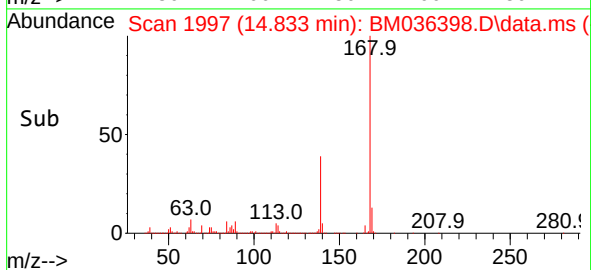
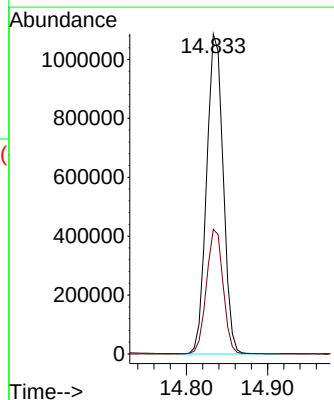
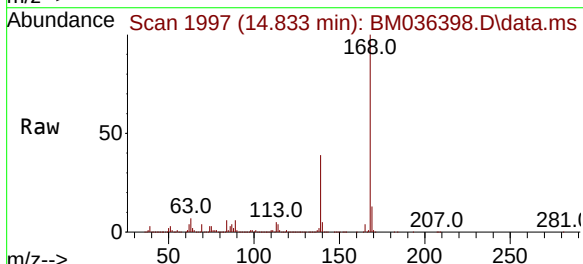
Instrument :
BNA_M
ClientSampleId :

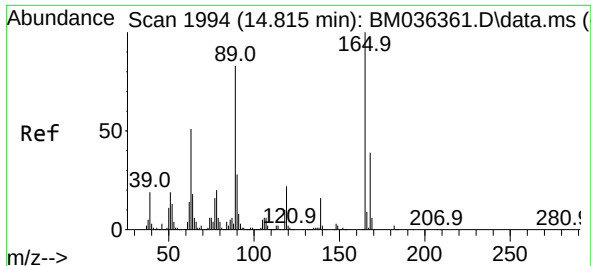
Tgt Ion:109 Resp: 153237
Ion Ratio Lower Upper
109 100
139 137.4 124.9 187.3
65 138.4 122.2 183.4



#56
Dibenzofuran
Concen: 19.491 ng/ul
RT: 14.833 min Scan# 1997
Delta R.T. 0.000 min
Lab File: BM036398.D
Acq: 23 Aug 2022 20:09

Tgt Ion:168 Resp: 1534022
Ion Ratio Lower Upper
168 100
139 38.9 30.1 45.1

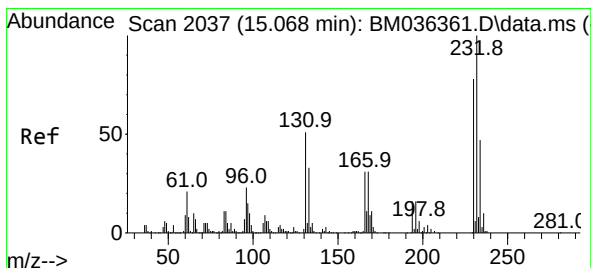
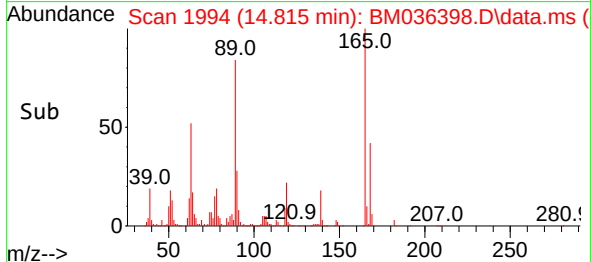
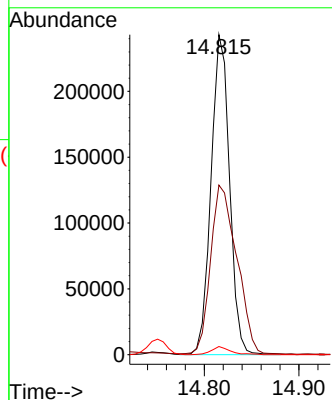
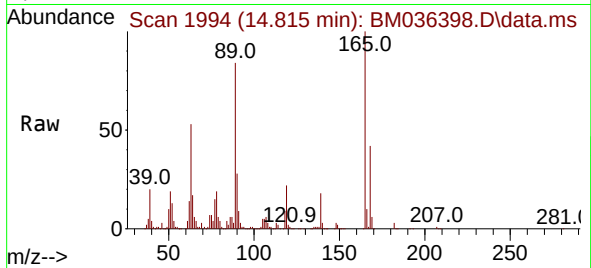




#57
2,4-Dinitrotoluene
Concen: 20.211 ng/ul
RT: 14.815 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BM036398.D
Acq: 23 Aug 2022 20:09

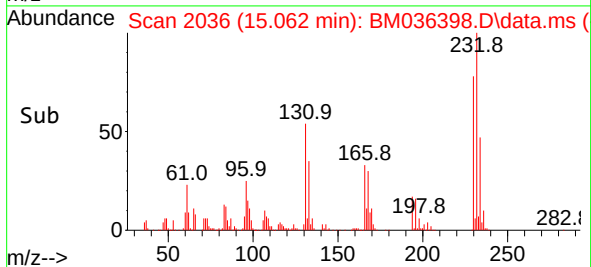
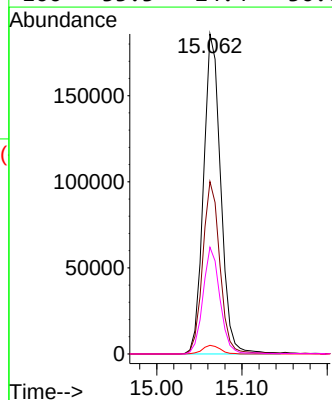
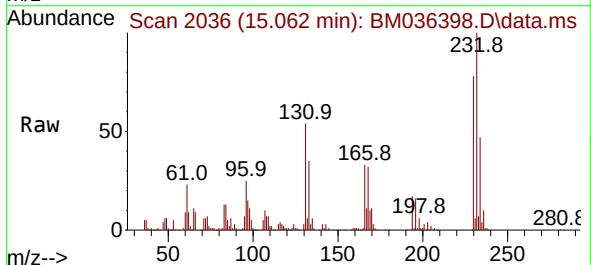
Instrument :
BNA_M
ClientSampleId :

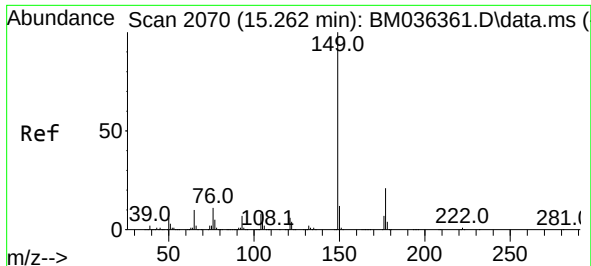
Tgt Ion:165 Resp: 329377
Ion Ratio Lower Upper
165 100
63 53.0 35.9 53.9
182 2.5 2.5 3.7



#58
2,3,4,6-Tetrachlorophenol
Concen: 19.929 ng/ul
RT: 15.062 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BM036398.D
Acq: 23 Aug 2022 20:09

Tgt Ion:232 Resp: 261077
Ion Ratio Lower Upper
232 100
131 53.8 36.7 55.1
130 2.7 1.7 2.5#
166 33.3 24.4 36.6

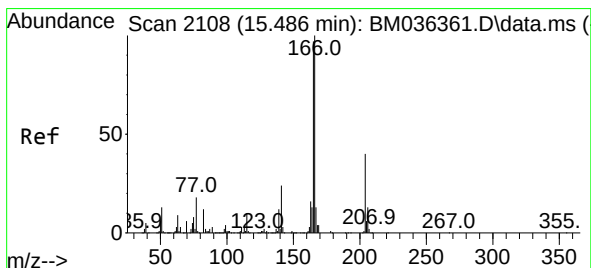
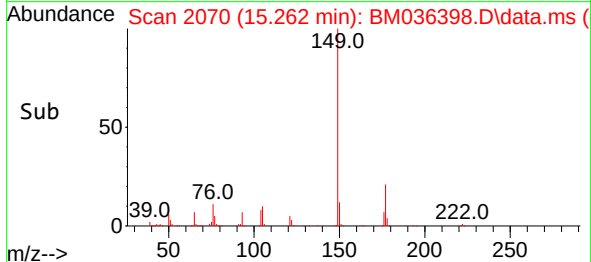
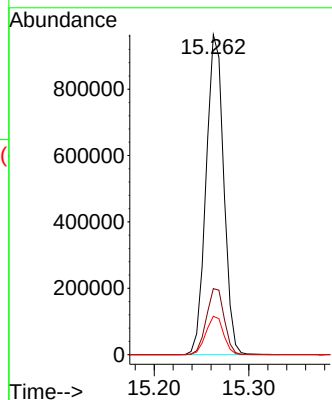
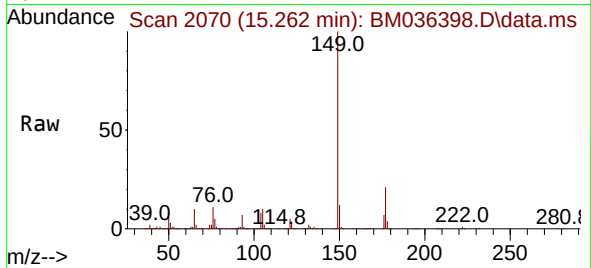




#59
Diethylphthalate
Concen: 20.684 ng/ul
RT: 15.262 min Scan# 2070
Delta R.T. 0.000 min
Lab File: BM036398.D
Acq: 23 Aug 2022 20:09

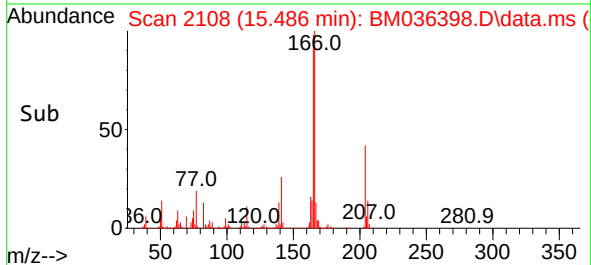
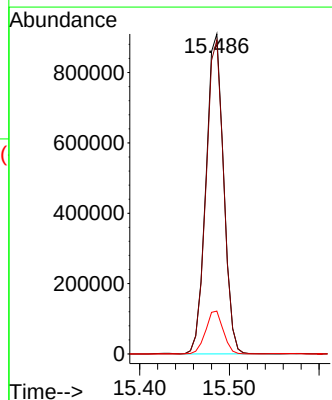
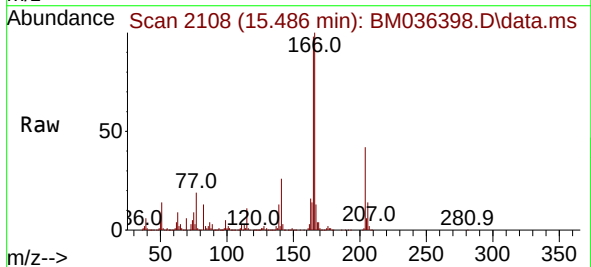
Instrument :
BNA_M
ClientSampleId :

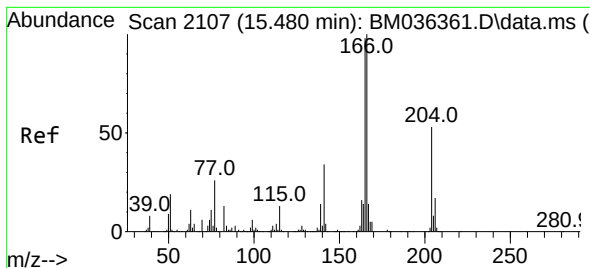
Tgt Ion:149 Resp: 1241795
Ion Ratio Lower Upper
149 100
177 20.7 16.8 25.2
150 12.0 10.2 15.4



#61
Fluorene
Concen: 19.821 ng/ul
RT: 15.486 min Scan# 2108
Delta R.T. 0.000 min
Lab File: BM036398.D
Acq: 23 Aug 2022 20:09

Tgt Ion:166 Resp: 1237356
Ion Ratio Lower Upper
166 100
165 98.1 77.2 115.8
167 13.4 11.0 16.4

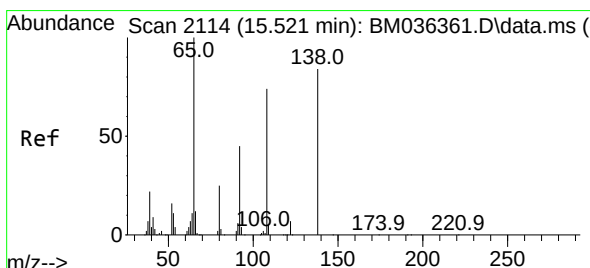
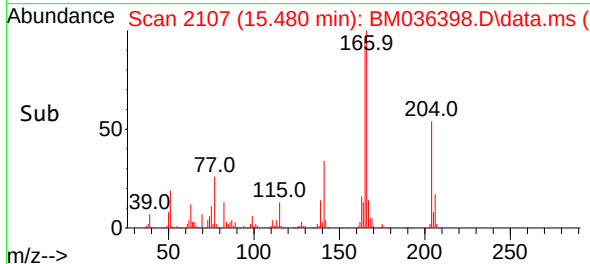
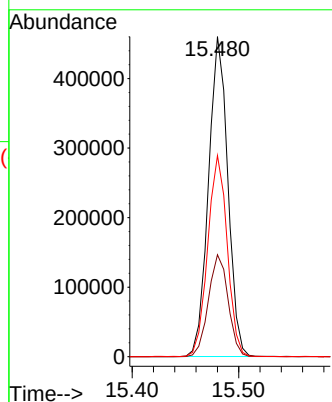
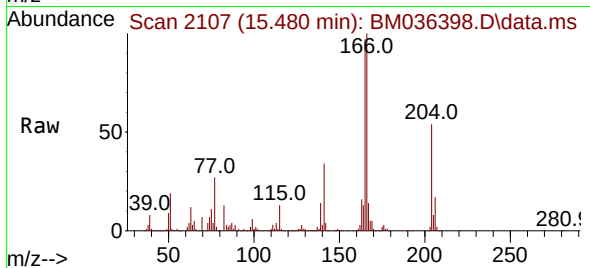




#62
4-Chlorophenyl-phenylether
Concen: 19.863 ng/ul
RT: 15.480 min Scan# 2107
Delta R.T. 0.000 min
Lab File: BM036398.D
Acq: 23 Aug 2022 20:09

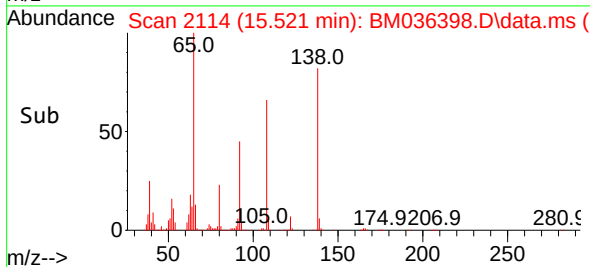
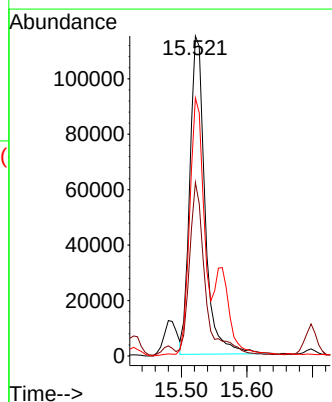
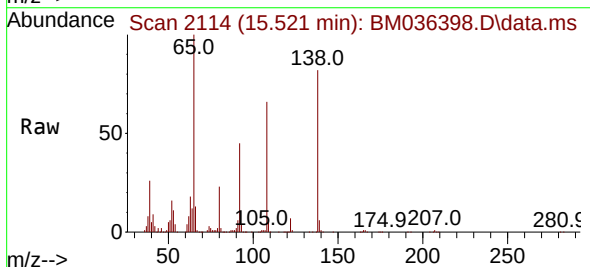
Instrument :
BNA_M
ClientSampleId :

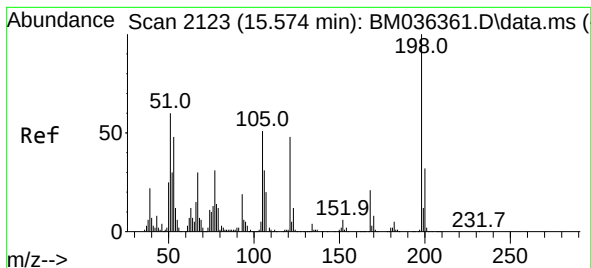
Tgt Ion:204 Resp: 579231
Ion Ratio Lower Upper
204 100
206 31.8 25.9 38.9
141 62.9 50.6 75.8



#63
4-Nitroaniline
Concen: 15.811 ng/ul
RT: 15.521 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BM036398.D
Acq: 23 Aug 2022 20:09

Tgt Ion:138 Resp: 185353
Ion Ratio Lower Upper
138 100
92 54.2 39.2 58.8
108 80.7 51.6 77.4#

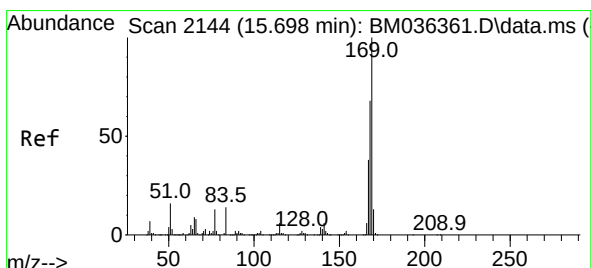
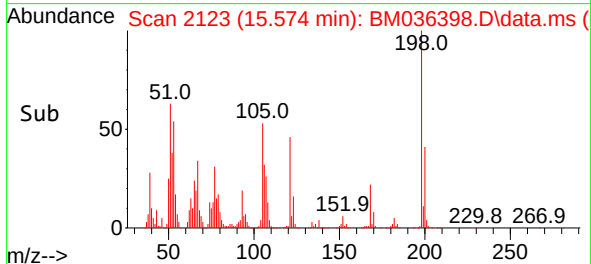
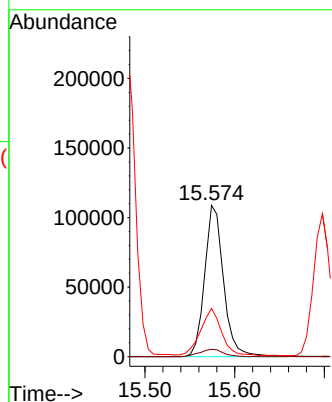
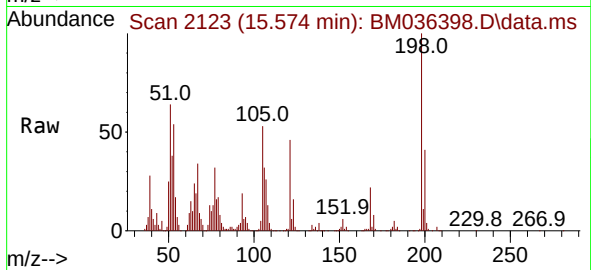




#66
 4,6-Dinitro-2-methylphenol
 Concen: 17.952 ng/ul
 RT: 15.574 min Scan# 2123
 Delta R.T. 0.000 min
 Lab File: BM036398.D
 Acq: 23 Aug 2022 20:09

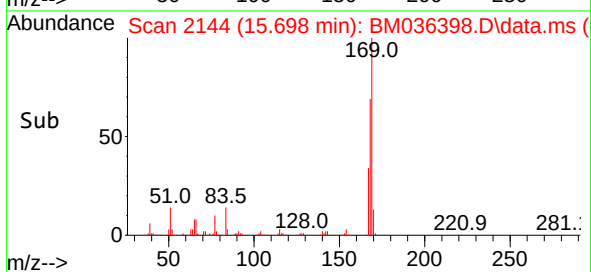
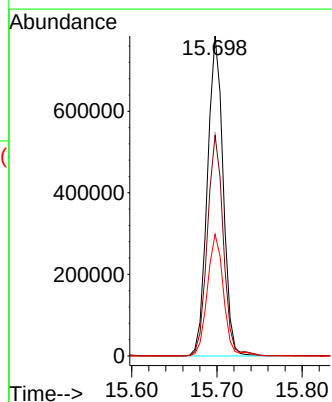
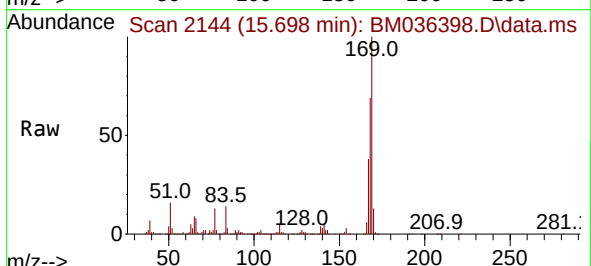
Instrument :
 BNA_M
 ClientSampleId :

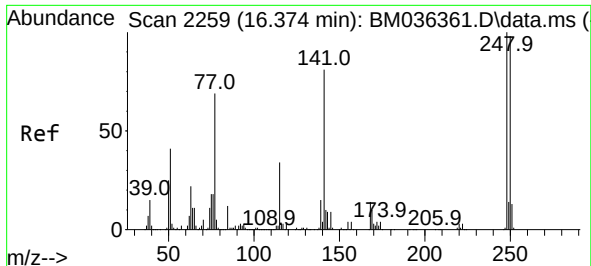
Tgt Ion:198 Resp: 159215
 Ion Ratio Lower Upper
 198 100
 182 4.8 4.2 6.4
 77 32.0 19.9 29.9#



#67
 N-Nitrosodiphenylamine
 Concen: 20.655 ng/ul
 RT: 15.698 min Scan# 2144
 Delta R.T. 0.000 min
 Lab File: BM036398.D
 Acq: 23 Aug 2022 20:09

Tgt Ion:169 Resp: 1007563
 Ion Ratio Lower Upper
 169 100
 168 68.9 53.8 80.6
 167 38.0 28.7 43.1

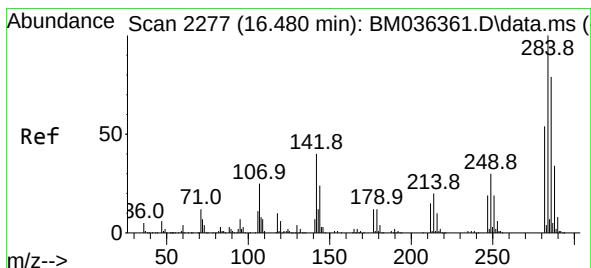
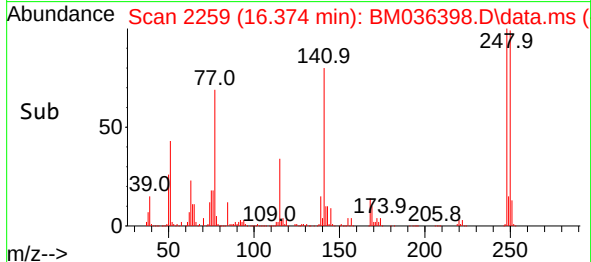
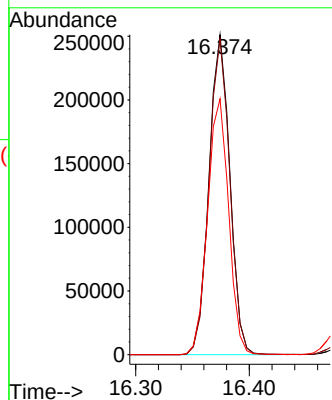
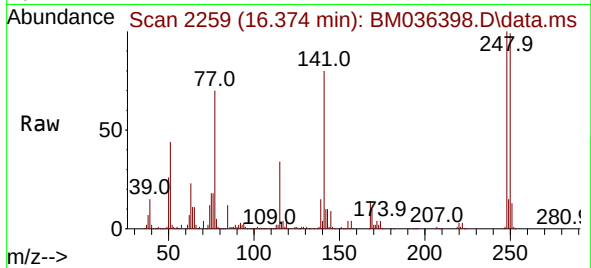




#68
4-Bromophenyl-phenylether
Concen: 20.383 ng/ul
RT: 16.374 min Scan# 2259
Delta R.T. 0.000 min
Lab File: BM036398.D
Acq: 23 Aug 2022 20:09

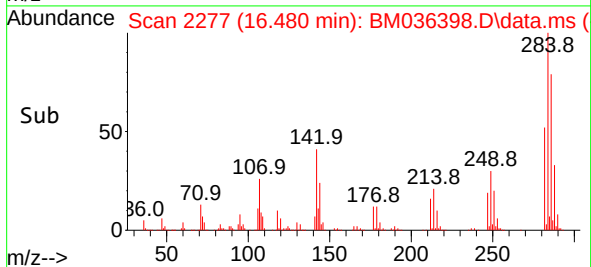
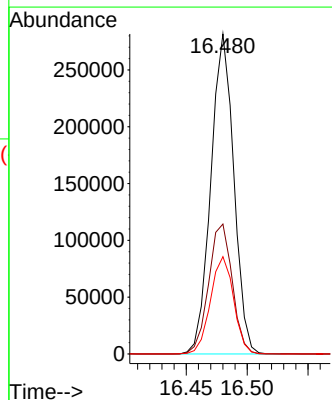
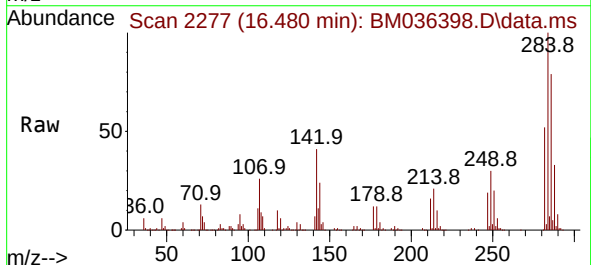
Instrument :
BNA_M
ClientSampleId :

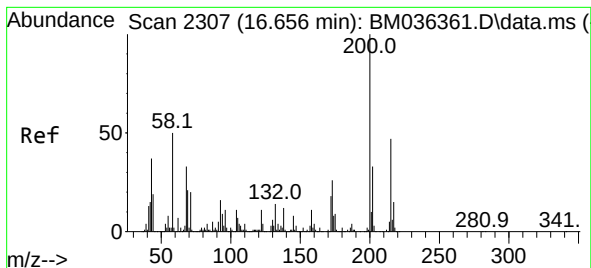
Tgt Ion:248 Resp: 322042
Ion Ratio Lower Upper
248 100
250 98.6 77.3 115.9
141 80.0 59.8 89.8



#69
Hexachlorobenzene
Concen: 19.261 ng/ul
RT: 16.480 min Scan# 2277
Delta R.T. 0.000 min
Lab File: BM036398.D
Acq: 23 Aug 2022 20:09

Tgt Ion:284 Resp: 368785
Ion Ratio Lower Upper
284 100
142 40.6 28.6 42.8
249 30.4 24.6 37.0





#70

Atrazine

Concen: 19.580 ng/ul

RT: 16.656 min Scan# 2307

Delta R.T. 0.000 min

Lab File: BM036398.D

Acq: 23 Aug 2022 20:09

Instrument :

BNA_M

ClientSampleId :

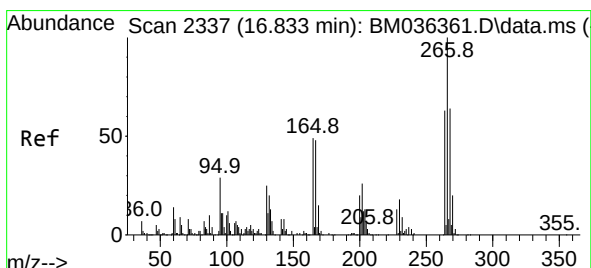
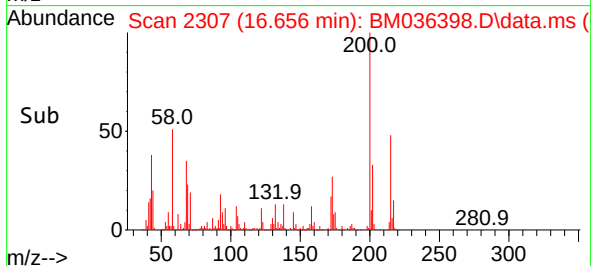
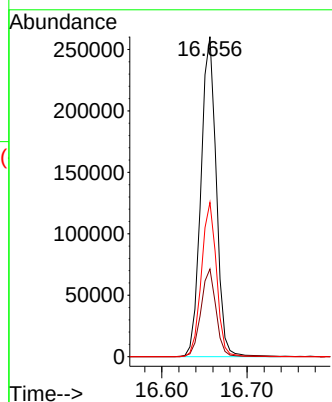
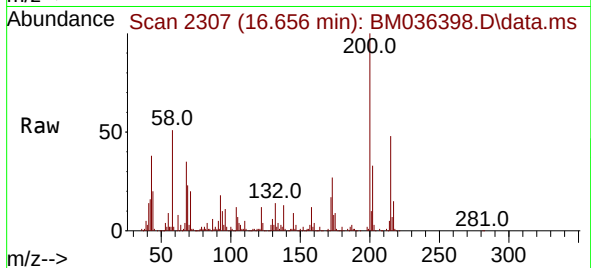
Tgt Ion:200 Resp: 326356

Ion Ratio Lower Upper

200 100

173 27.4 21.3 31.9

215 48.2 39.0 58.6



#71

Pentachlorophenol

Concen: 20.345 ng/ul

RT: 16.833 min Scan# 2337

Delta R.T. 0.000 min

Lab File: BM036398.D

Acq: 23 Aug 2022 20:09

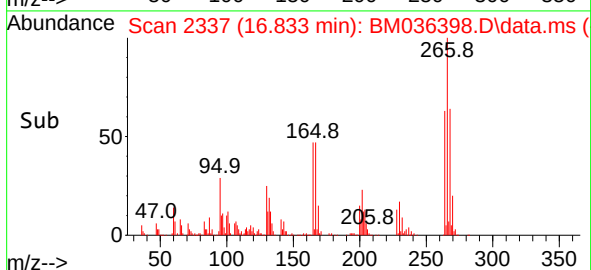
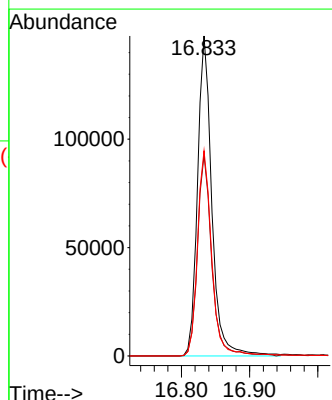
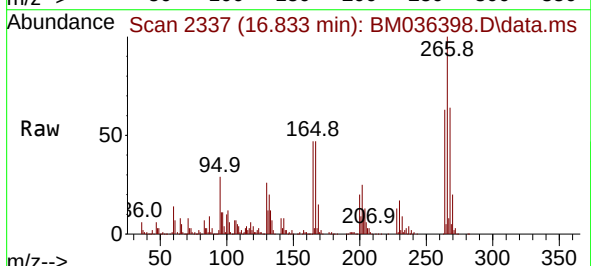
Tgt Ion:266 Resp: 214749

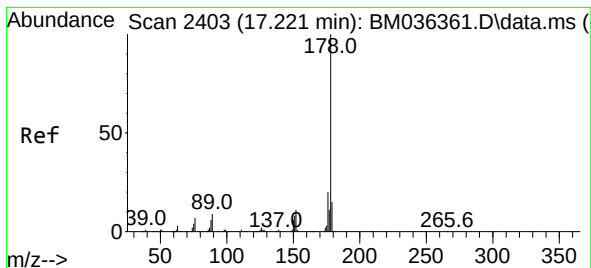
Ion Ratio Lower Upper

266 100

264 62.8 49.5 74.3

268 64.2 51.0 76.4





#72

Phenanthrene

Concen: 19.289 ng/ul

RT: 17.221 min Scan# 2403

Delta R.T. 0.000 min

Lab File: BM036398.D

Acq: 23 Aug 2022 20:09

Instrument :

BNA_M

ClientSampleId :

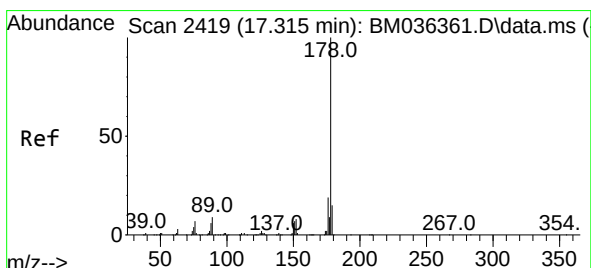
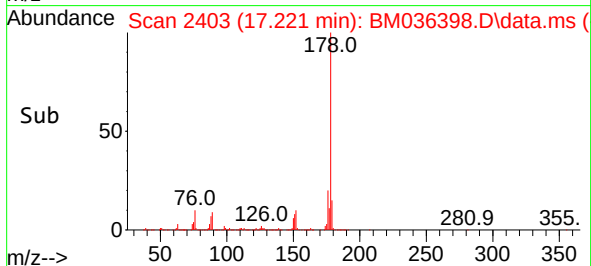
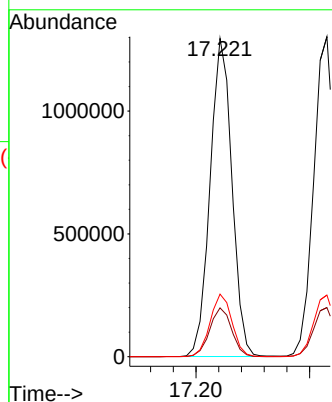
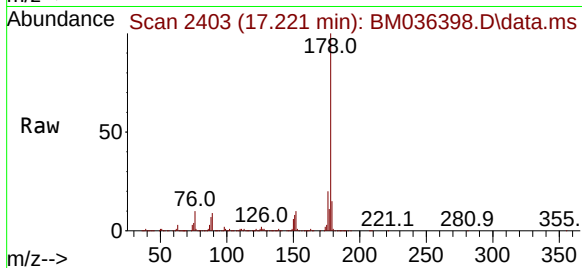
Tgt Ion:178 Resp: 1730273

Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.2

176 19.7 14.9 22.3



#74

Anthracene

Concen: 19.646 ng/ul

RT: 17.315 min Scan# 2419

Delta R.T. 0.000 min

Lab File: BM036398.D

Acq: 23 Aug 2022 20:09

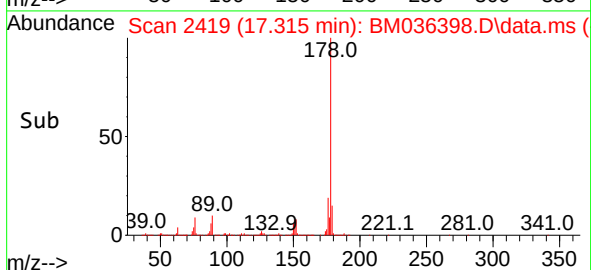
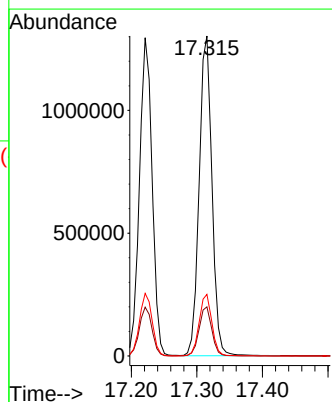
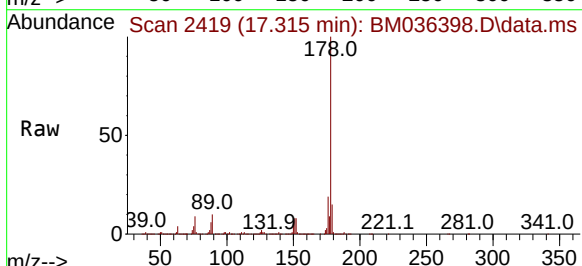
Tgt Ion:178 Resp: 1766716

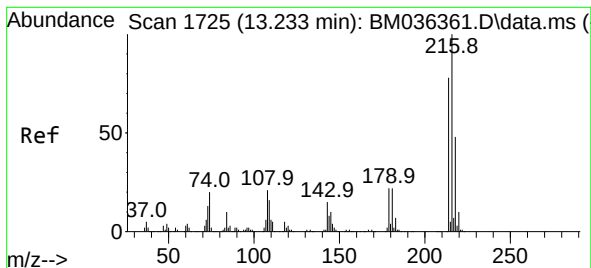
Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.2

176 19.2 14.4 21.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 19.531 ng/uL

RT: 13.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM036398.D

Acq: 23 Aug 2022 20:09

Instrument :

BNA_M

ClientSampleId :

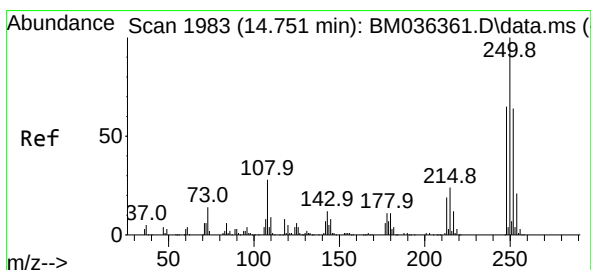
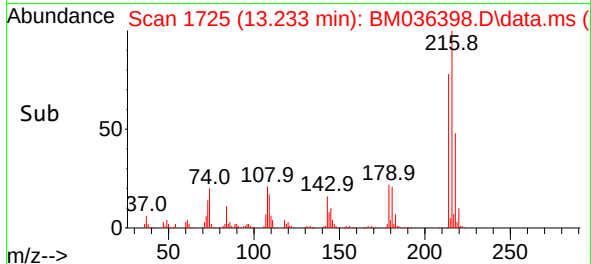
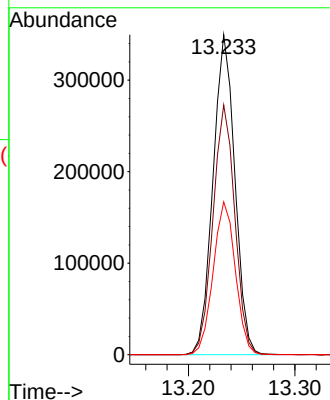
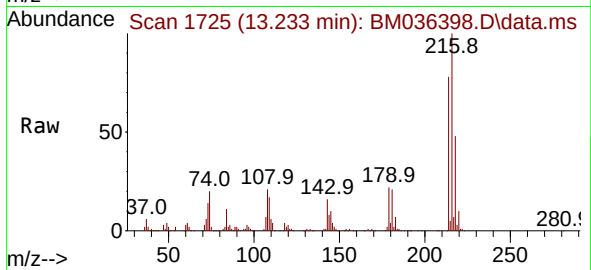
Tgt Ion:216 Resp: 500021

Ion Ratio Lower Upper

216 100

214 78.1 60.9 91.3

218 47.7 37.5 56.3



#76

Pentachlorobenzene

Concen: 19.845 ng/uL

RT: 14.751 min Scan# 1983

Delta R.T. 0.000 min

Lab File: BM036398.D

Acq: 23 Aug 2022 20:09

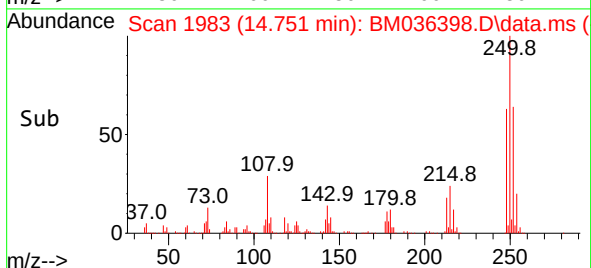
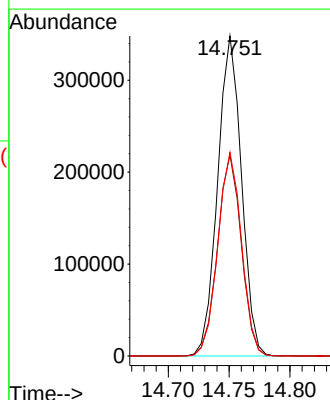
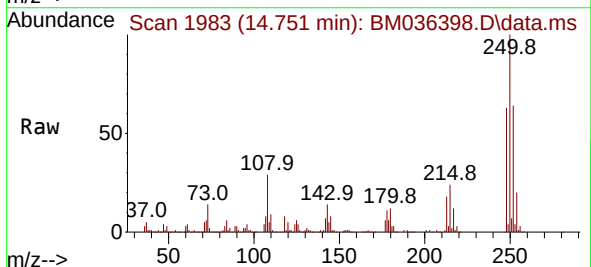
Tgt Ion:250 Resp: 474398

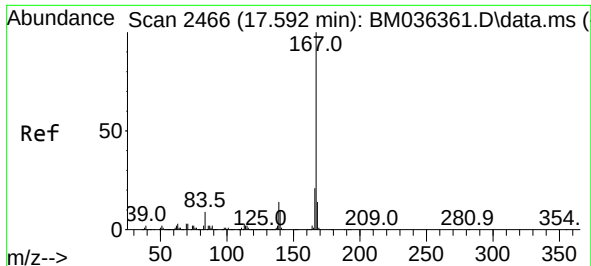
Ion Ratio Lower Upper

250 100

248 62.8 50.4 75.6

252 63.6 51.1 76.7

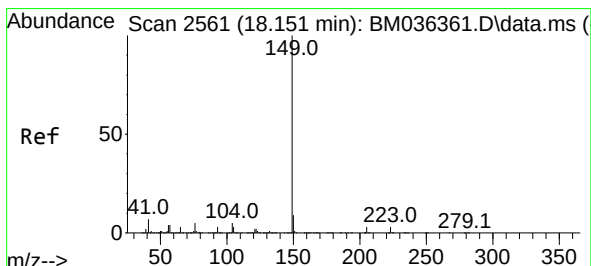
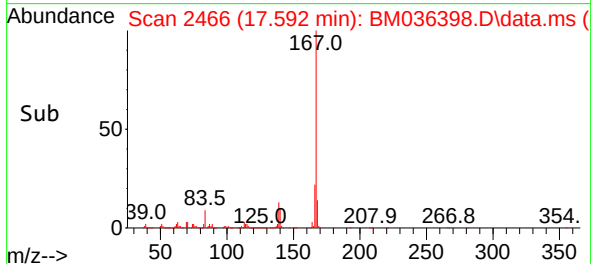
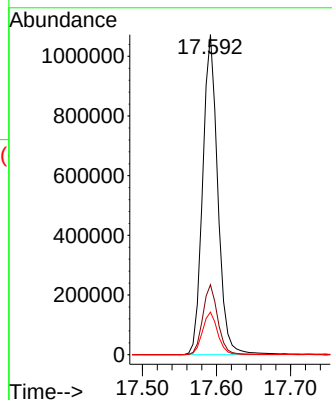
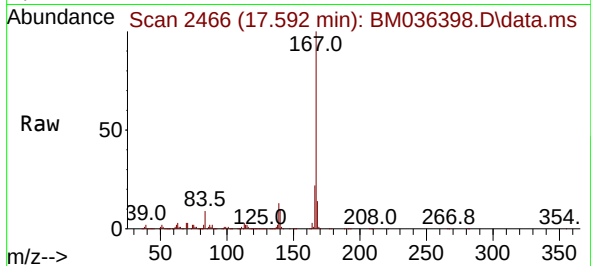




#77
 Carbazole
 Concen: 18.027 ng/ul
 RT: 17.592 min Scan# 2466
 Delta R.T. 0.000 min
 Lab File: BM036398.D
 Acq: 23 Aug 2022 20:09

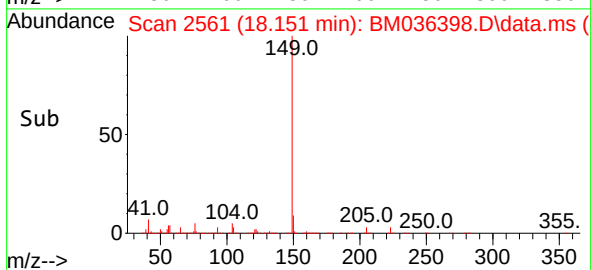
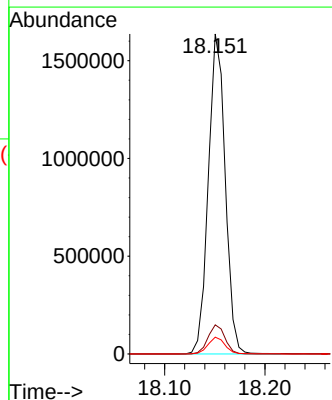
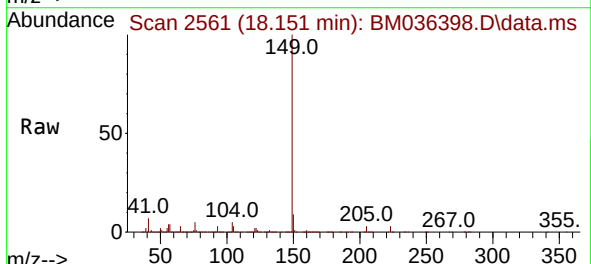
Instrument :
 BNA_M
 ClientSampleId :

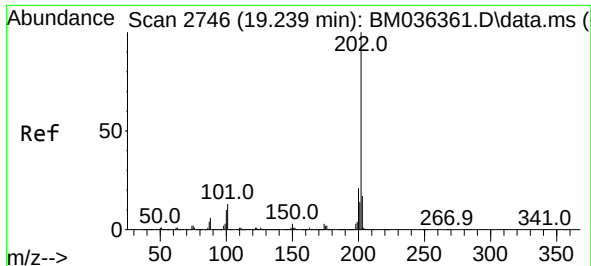
Tgt Ion:167 Resp: 1517821
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.0
 139 13.3 10.1 15.1



#78
 Di-n-butylphthalate
 Concen: 20.868 ng/ul
 RT: 18.151 min Scan# 2561
 Delta R.T. 0.000 min
 Lab File: BM036398.D
 Acq: 23 Aug 2022 20:09

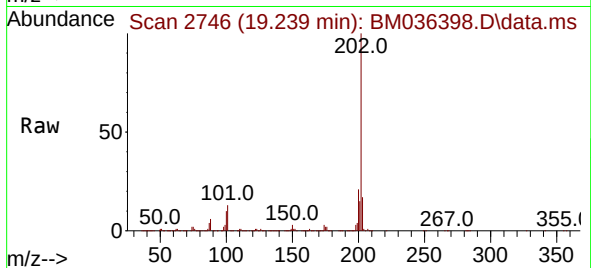
Tgt Ion:149 Resp: 1921803
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 5.3 3.7 5.5



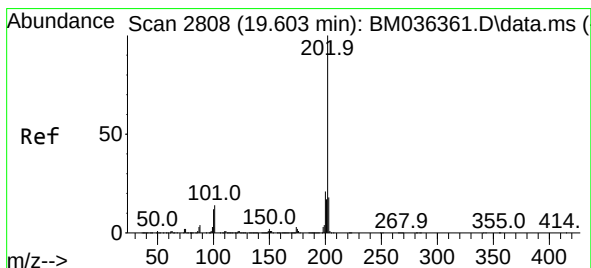
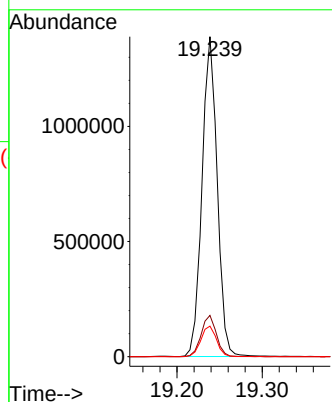
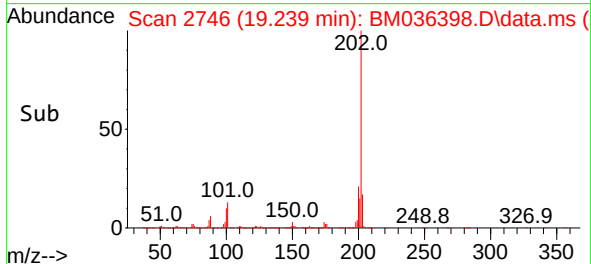


#80
Fluoranthene
Concen: 21.657 ng/u1
RT: 19.239 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM036398.D
Acq: 23 Aug 2022 20:09

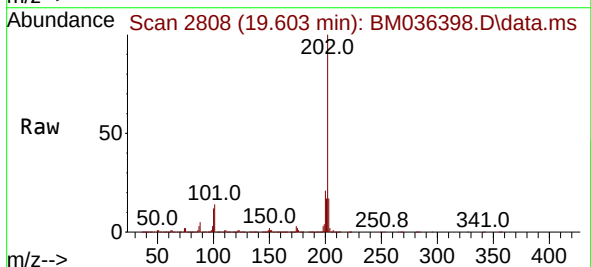
Instrument :
BNA_M
ClientSampleId :



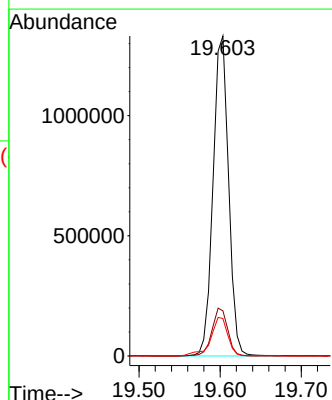
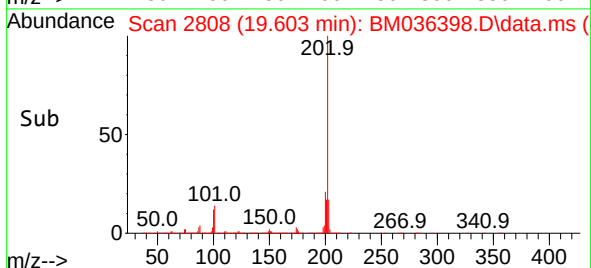
Tgt Ion:202 Resp: 1721849
Ion Ratio Lower Upper
202 100
101 12.9 10.1 15.1
100 9.5 7.8 11.6

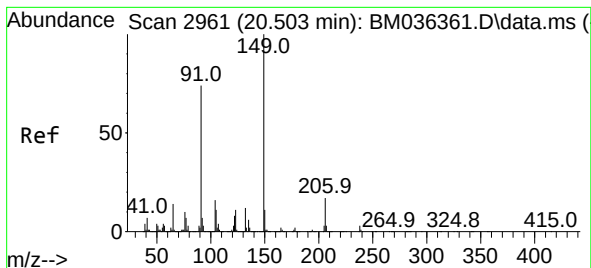


#82
Pyrene
Concen: 21.302 ng/u1
RT: 19.603 min Scan# 2808
Delta R.T. 0.000 min
Lab File: BM036398.D
Acq: 23 Aug 2022 20:09



Tgt Ion:202 Resp: 1767430
Ion Ratio Lower Upper
202 100
101 14.1 11.9 17.9
100 11.7 10.2 15.4





#83

Butylbenzylphthalate

Concen: 21.573 ng/ul

RT: 20.503 min Scan# 2961

Delta R.T. 0.000 min

Lab File: BM036398.D

Acq: 23 Aug 2022 20:09

Instrument :

BNA_M

ClientSampleId :

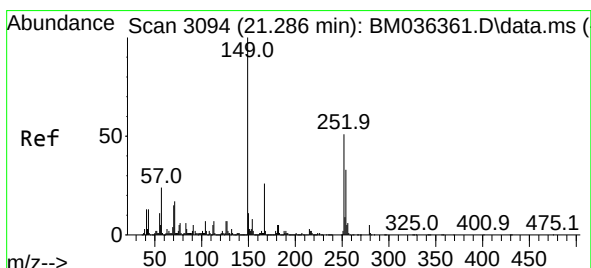
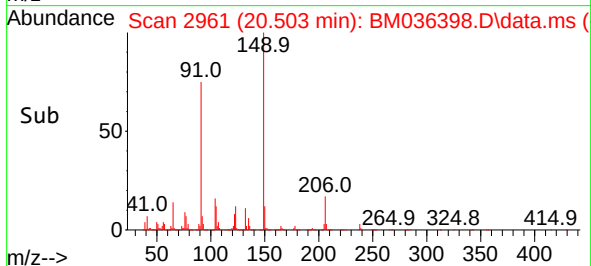
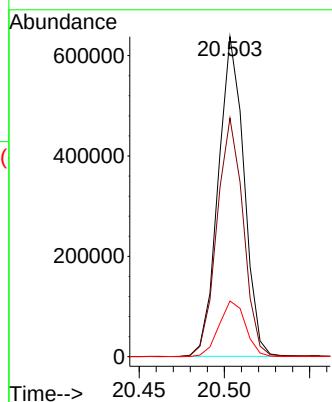
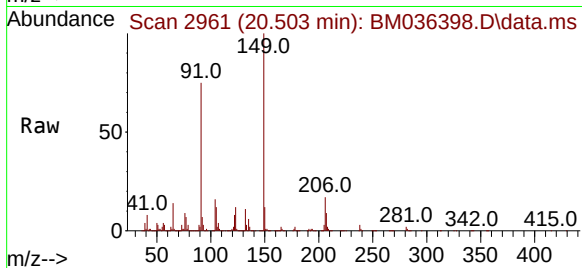
Tgt Ion:149 Resp: 669618

Ion Ratio Lower Upper

149 100

91 74.6 53.2 79.8

206 17.4 16.0 24.0



#84

3,3'-Dichlorobenzidine

Concen: 16.742 ng/ul

RT: 21.286 min Scan# 3094

Delta R.T. 0.000 min

Lab File: BM036398.D

Acq: 23 Aug 2022 20:09

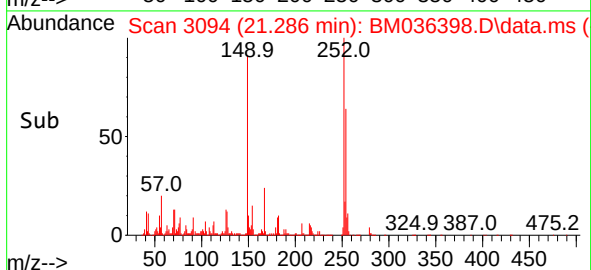
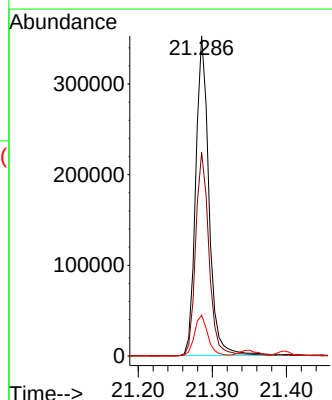
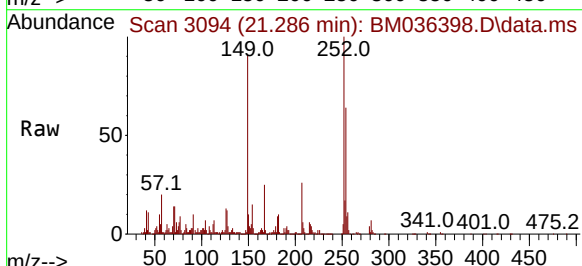
Tgt Ion:252 Resp: 437227

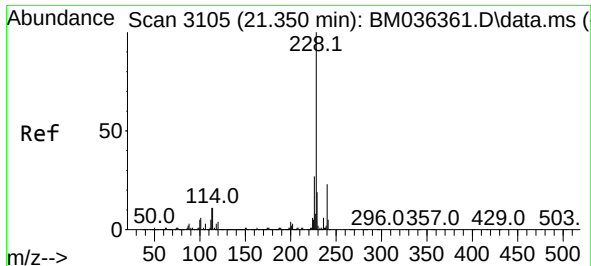
Ion Ratio Lower Upper

252 100

254 63.6 52.4 78.6

126 12.7 10.8 16.2

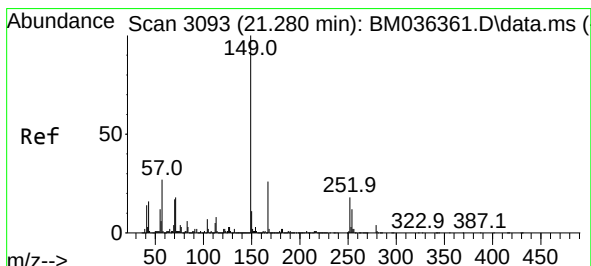
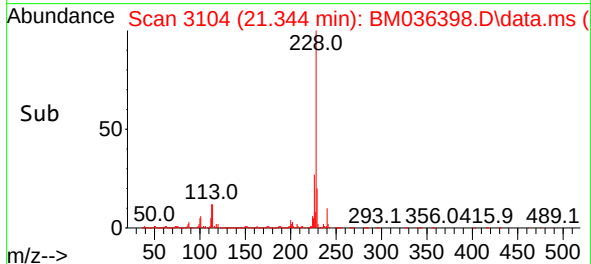
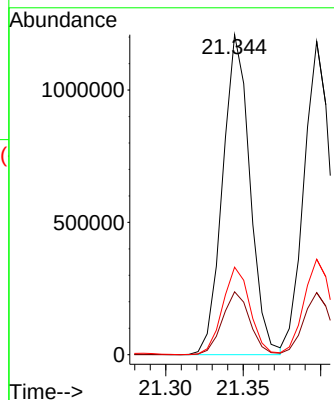
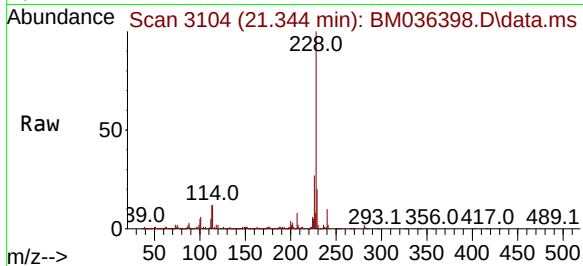




#85
Benzo(a)anthracene
Concen: 19.432 ng/ul
RT: 21.344 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BM036398.D
Acq: 23 Aug 2022 20:09

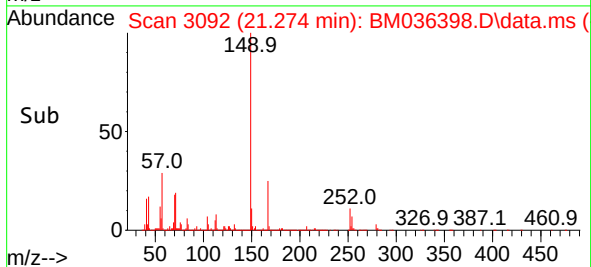
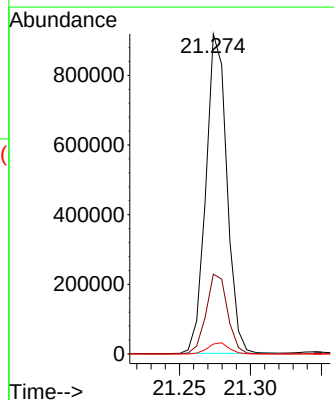
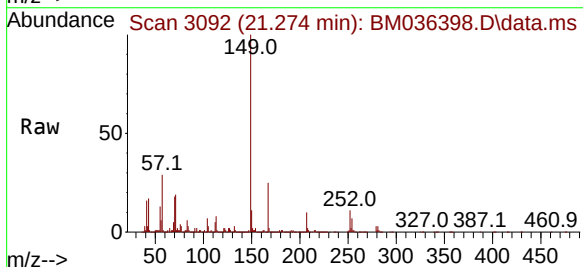
Instrument :
BNA_M
ClientSampleId :

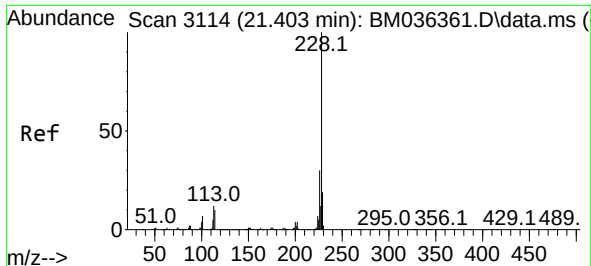
Tgt Ion:228 Resp: 1480934
Ion Ratio Lower Upper
228 100
229 19.6 15.6 23.4
226 27.4 21.7 32.5



#86
Bis(2-ethylhexyl)phthalate
Concen: 22.062 ng/ul
RT: 21.274 min Scan# 3092
Delta R.T. -0.006 min
Lab File: BM036398.D
Acq: 23 Aug 2022 20:09

Tgt Ion:149 Resp: 945508
Ion Ratio Lower Upper
149 100
167 25.0 21.5 32.3
279 3.1 3.4 5.2#

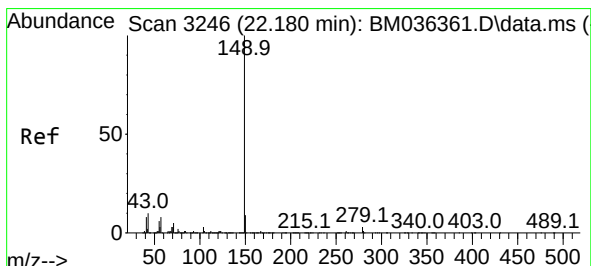
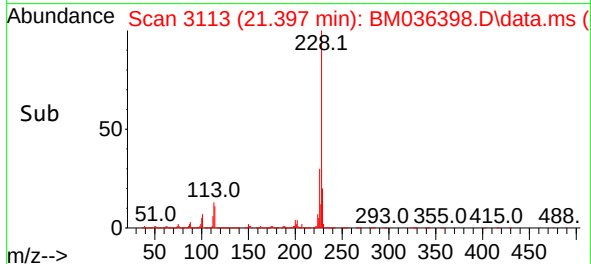
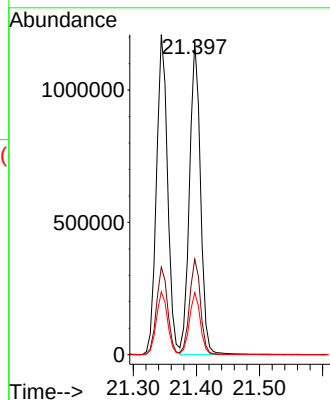
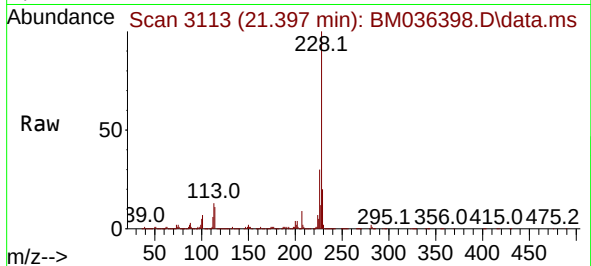




#87
Chrysene
Concen: 19.093 ng/ul
RT: 21.397 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BM036398.D
Acq: 23 Aug 2022 20:09

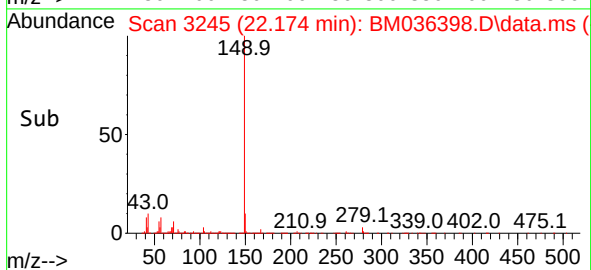
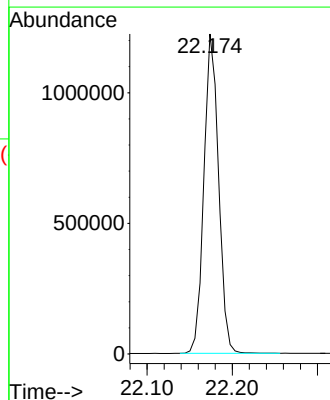
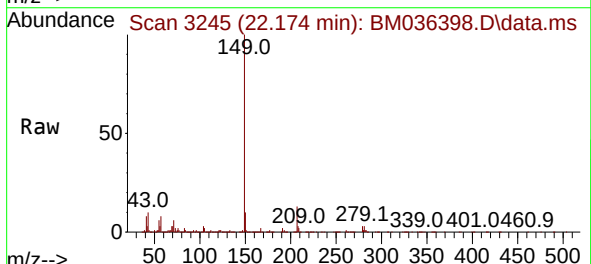
Instrument :
BNA_M
ClientSampleId :

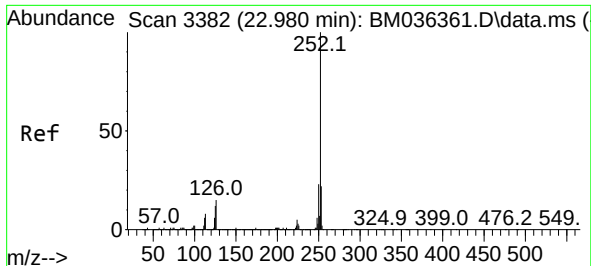
Tgt Ion:228 Resp: 1429758
Ion Ratio Lower Upper
228 100
226 30.5 23.7 35.5
229 19.8 15.5 23.3



#89
Di-n-octyl phthalate
Concen: 20.388 ng/ul
RT: 22.174 min Scan# 3245
Delta R.T. -0.006 min
Lab File: BM036398.D
Acq: 23 Aug 2022 20:09

Tgt Ion:149 Resp: 1460914

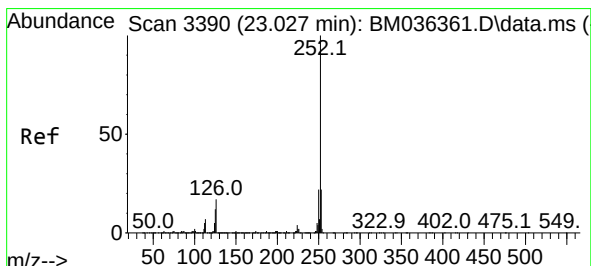
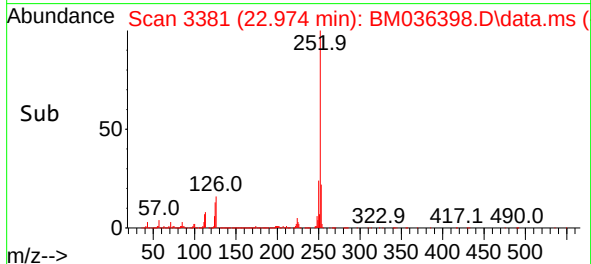
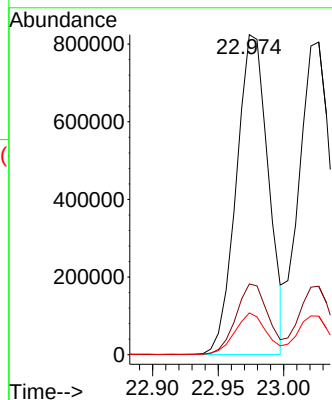
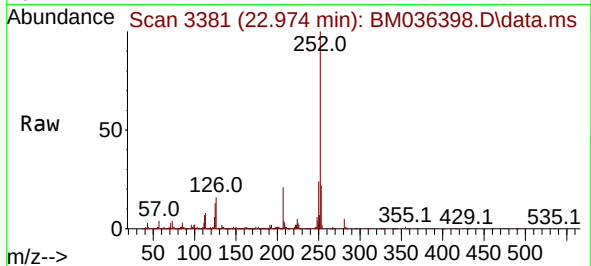




#90
Benzo(b)fluoranthene
Concen: 19.086 ng/ul
RT: 22.974 min Scan# 3381
Delta R.T. -0.006 min
Lab File: BM036398.D
Acq: 23 Aug 2022 20:09

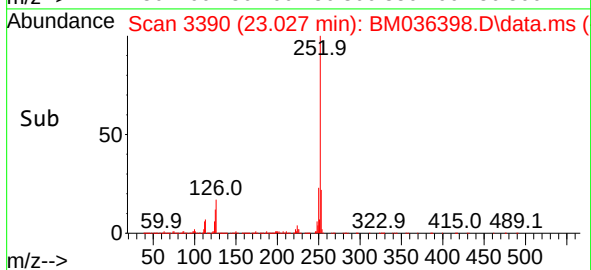
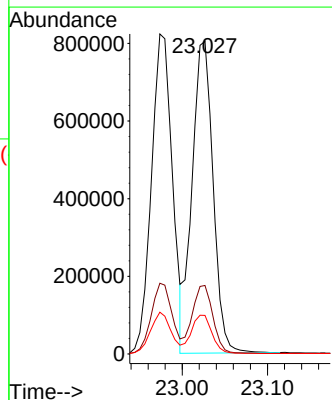
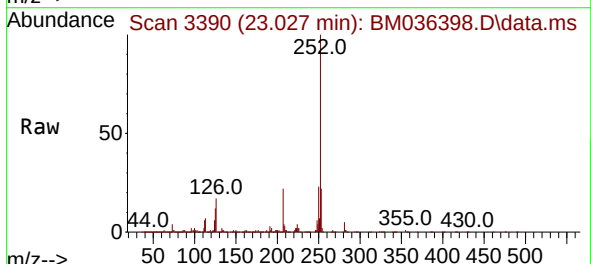
Instrument :
BNA_M
ClientSampleId :

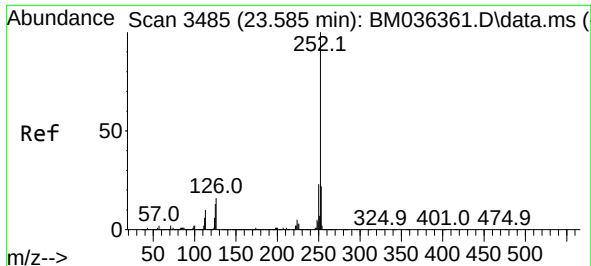
Tgt Ion:252 Resp: 1402647
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 13.0 10.7 16.1



#91
Benzo(k)fluoranthene
Concen: 19.674 ng/ul
RT: 23.027 min Scan# 3390
Delta R.T. 0.000 min
Lab File: BM036398.D
Acq: 23 Aug 2022 20:09

Tgt Ion:252 Resp: 1375595
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 12.3 10.6 15.8

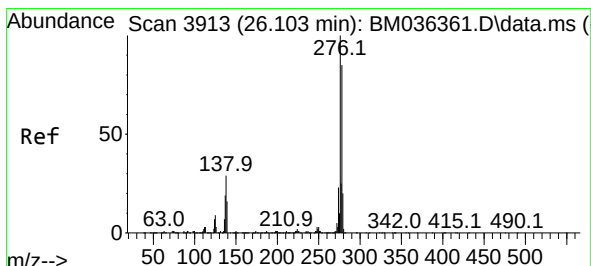
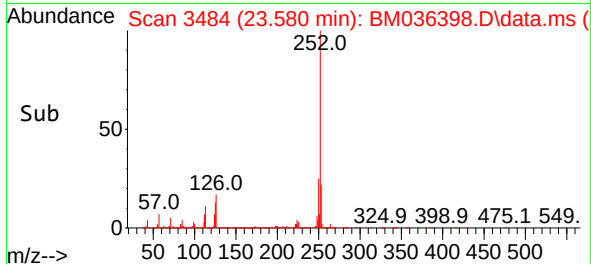
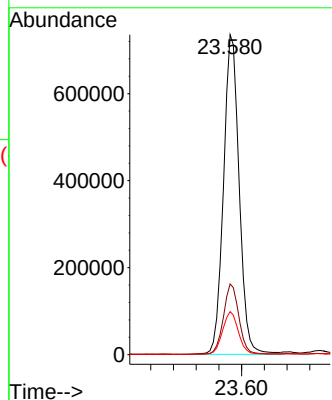
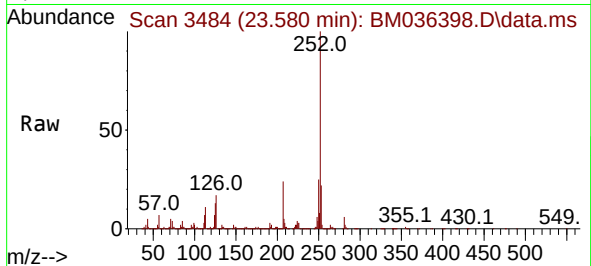




#93
Benzo(a)pyrene
Concen: 19.523 ng/ul
RT: 23.580 min Scan# 3485
Delta R.T. -0.006 min
Lab File: BM036398.D
Acq: 23 Aug 2022 20:09

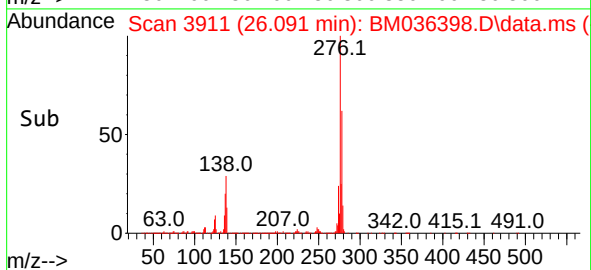
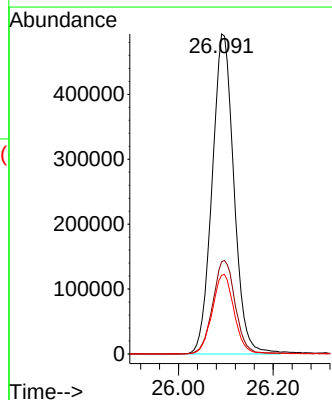
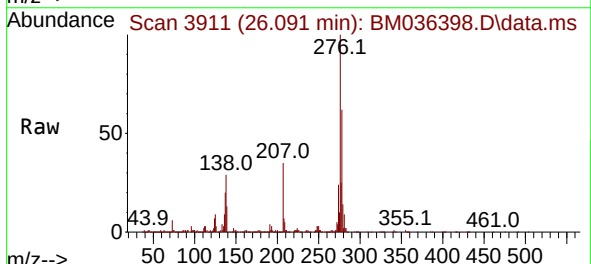
Instrument :
BNA_M
ClientSampleId :

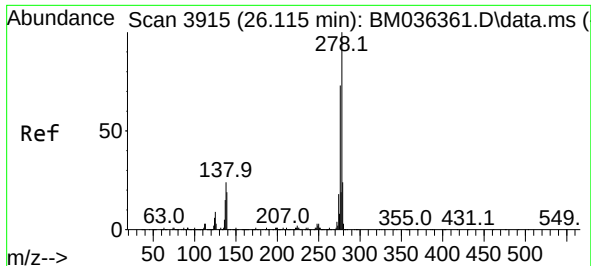
Tgt Ion:252 Resp: 1411533
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 13.4 11.8 17.8



#94
Indeno(1,2,3-cd)pyrene
Concen: 18.503 ng/ul
RT: 26.091 min Scan# 3911
Delta R.T. -0.012 min
Lab File: BM036398.D
Acq: 23 Aug 2022 20:09

Tgt Ion:276 Resp: 1572830
Ion Ratio Lower Upper
276 100
138 28.9 25.6 38.4
277 24.6 20.1 30.1

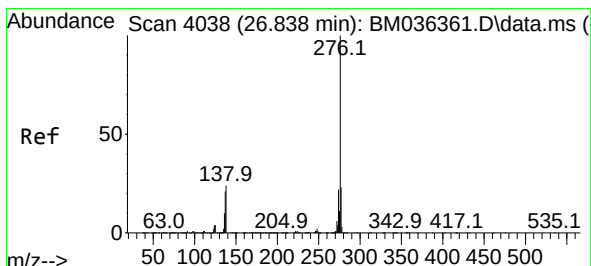
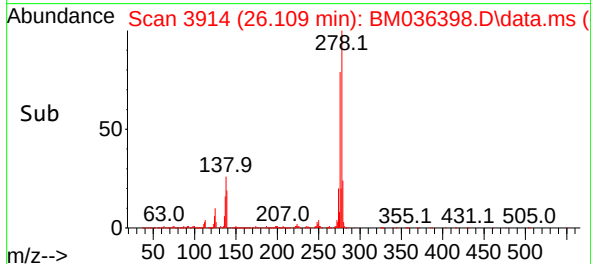
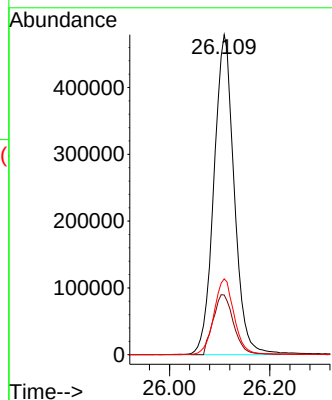
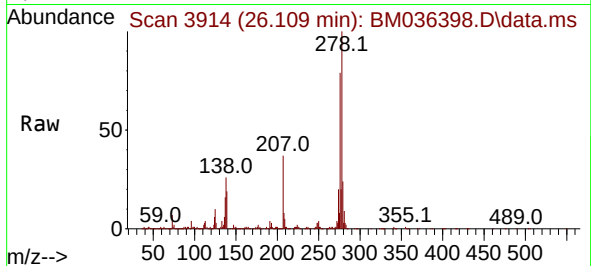




#95
 Dibenzo(a,h)anthracene
 Concen: 18.394 ng/ul
 RT: 26.109 min Scan# 3915
 Delta R.T. -0.006 min
 Lab File: BM036398.D
 Acq: 23 Aug 2022 20:09

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:278 Resp: 1346888
 Ion Ratio Lower Upper
 278 100
 139 18.7 16.2 24.2
 279 23.7 18.7 28.1



#96
 Benzo(g,h,i)perylene
 Concen: 18.413 ng/ul
 RT: 26.832 min Scan# 4037
 Delta R.T. -0.006 min
 Lab File: BM036398.D
 Acq: 23 Aug 2022 20:09

Tgt Ion:276 Resp: 1338461
 Ion Ratio Lower Upper
 276 100
 138 26.2 21.3 31.9
 277 24.1 18.6 28.0

