

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082222\
 Data File : BM036385.D
 Acq On : 23 Aug 2022 11:07
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 24 00:56:56 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	227287	20.000	ng/u1	0.00
20) Naphthalene-d8	10.592	136	1102981	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.433	164	680707	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.180	188	1265504	20.000	ng/u1	0.00
79) Chrysene-d12	21.362	240	985887	20.000	ng/u1	0.00
88) Perylene-d12	23.691	264	932783	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.204	96	46645	7.821	ng/uL	0.00
4) Pyridine-d5	3.628	84	331821	20.176	ng/u1	0.00
7) Phenol-d5	6.969	99	393870	20.302	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	269879	22.100	ng/u1	0.00
11) 2-Chlorophenol-d4	7.322	132	303419	19.905	ng/u1	0.00
15) 4-Methylphenol-d8	8.516	113	311351	21.493	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	155724	18.621	ng/u1	0.00
24) 2-Nitrophenol-d4	9.680	143	154345	18.196	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	293664	19.375	ng/u1	0.00
31) 4-Chloroaniline-d4	10.739	131	458835	19.527	ng/u1	0.00
46) Dimethylphthalate-d6	13.857	166	844061	19.600	ng/u1	0.00
49) Acenaphthylene-d8	14.127	160	1037445	19.315	ng/u1	0.00
54) 4-Nitrophenol-d4	14.663	143	130563	16.001	ng/u1	0.00
60) Fluorene-d10	15.427	176	761264	19.563	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.562	200	102765	15.795	ng/u1	0.00
73) Anthracene-d10	17.274	188	1084172	19.267	ng/u1	0.00
81) Pyrene-d10	19.574	212	1048128	20.495	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.538	264	870259	19.029	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	49482	7.877	ng/uL	96
5) Pyridine	3.651	79	348575	20.517	ng/u1	91
6) Benzaldehyde	6.939	77	191722	24.058	ng/u1	90
8) Phenol	6.998	94	423445	20.993	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.222	93	338435	20.977	ng/u1	98
12) 2-Chlorophenol	7.357	128	326442	20.479	ng/u1	98
13) 2-Methylphenol	8.245	108	309997	20.849	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.322	45	507020	23.489	ng/u1	99
16) Acetophenone	8.622	105	526955	22.617	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.610	70	280133	24.157	ng/u1	97
18) 4-Methylphenol	8.581	108	346678	21.782	ng/u1	95
19) Hexachloroethane	8.863	117	134986	20.242	ng/u1	85
22) Nitrobenzene	9.004	77	399189	20.146	ng/u1	95
23) Isophorone	9.528	82	741970	21.086	ng/u1	95
25) 2-Nitrophenol	9.710	139	174351	18.449	ng/u1	92
26) 2,4-Dimethylphenol	9.775	107	377088	19.952	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.016	93	475653	20.764	ng/u1	99
29) 2,4-Dichlorophenol	10.245	162	302241	19.491	ng/u1	99
30) Naphthalene	10.639	128	1124725	19.429	ng/u1	100
32) 4-Chloroaniline	10.763	127	475255	19.886	ng/u1	98
33) Hexachlorobutadiene	10.916	225	175834	18.049	ng/u1	97
34) Caprolactam	11.557	113	85994	18.508	ng/u1	93
35) 4-Chloro-3-methylphenol	11.898	107	325969	20.790	ng/u1	99
36) 2-Methylnaphthalene	12.257	142	740935	20.399	ng/u1	99

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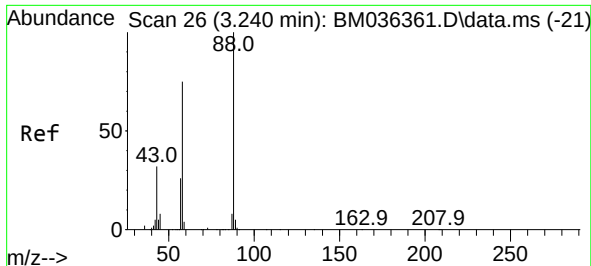
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.474	142	751477	20.544	ng/ul#	100
39) 1,2,4,5-Tetrachloroben...	12.621	216	342984	18.230	ng/ul#	97
40) Hexachlorocyclopentadiene	12.592	237	209002	18.725	ng/ul	97
41) 2,4,6-Trichlorophenol	12.874	196	218626	18.466	ng/ul	99
42) 2,4,5-Trichlorophenol	12.951	196	227973	18.154	ng/ul	98
43) 1,1'-Biphenyl	13.268	154	984386	19.228	ng/ul	98
44) 2-Chloronaphthalene	13.310	162	735507	18.722	ng/ul	99
45) 2-Nitroaniline	13.533	65	209978	19.738	ng/ul	92
47) Dimethylphthalate	13.904	163	869486	19.615	ng/ul	100
48) 2,6-Dinitrotoluene	14.027	165	161260	19.281	ng/ul#	84
50) Acenaphthylene	14.157	152	1246085	19.673	ng/ul	100
51) 3-Nitroaniline	14.363	138	160151	17.509	ng/ul	96
52) Acenaphthene	14.498	153	827257	20.038	ng/ul	98
53) 2,4-Dinitrophenol	14.568	184	73853	16.203	ng/ul#	87
55) 4-Nitrophenol	14.674	109	105170	16.312	ng/ul	85
56) Dibenzofuran	14.833	168	1134477	19.804	ng/ul	98
57) 2,4-Dinitrotoluene	14.815	165	230690	19.449	ng/ul#	88
58) 2,3,4,6-Tetrachlorophenol	15.063	232	181636	19.050	ng/ul#	87
59) Diethylphthalate	15.262	149	915176	20.944	ng/ul	99
61) Fluorene	15.480	166	925567	20.371	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.480	204	422151	19.890	ng/ul	99
63) 4-Nitroaniline	15.521	138	126545	14.831	ng/ul#	86
66) 4,6-Dinitro-2-methylph...	15.574	198	107607	16.358	ng/ul#	89
67) N-Nitrosodiphenylamine	15.698	169	739718	20.446	ng/ul	97
68) 4-Bromophenyl-phenylether	16.374	248	232546	19.845	ng/ul	96
69) Hexachlorobenzene	16.480	284	266731	18.783	ng/ul	93
70) Atrazine	16.651	200	232159	18.780	ng/ul	96
71) Pentachlorophenol	16.833	266	142852	18.247	ng/ul	97
72) Phenanthrene	17.221	178	1297087	19.497	ng/ul	98
74) Anthracene	17.309	178	1316548	19.739	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.233	216	350732	18.471	ng/ul	97
76) Pentachlorobenzene	14.751	250	344272	19.418	ng/ul	98
77) Carbazole	17.592	167	1141421	18.278	ng/ul	99
78) Di-n-butylphthalate	18.151	149	1422264	20.823	ng/ul	99
80) Fluoranthene	19.239	202	1303673	21.093	ng/ul	99
82) Pyrene	19.603	202	1341197	20.794	ng/ul	99
83) Butylbenzylphthalate	20.503	149	500263	20.732	ng/ul	88
84) 3,3'-Dichlorobenzidine	21.286	252	324680	15.993	ng/ul	98
85) Benzo(a)anthracene	21.344	228	1144852	19.324	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.280	149	734235	22.039	ng/ul#	97
87) Chrysene	21.397	228	1105920	18.997	ng/ul	98
89) Di-n-octyl phthalate	22.180	149	1151282	20.762	ng/ul	100
90) Benzo(b)fluoranthene	22.980	252	1111110	19.538	ng/ul	99
91) Benzo(k)fluoranthene	23.027	252	1045847	19.330	ng/ul	98
93) Benzo(a)pyrene	23.585	252	1079441	19.294	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.097	276	1198340	18.217	ng/ul	99
95) Dibenzo(a,h)anthracene	26.109	278	1027564	18.134	ng/ul	99
96) Benzo(g,h,i)perylene	26.838	276	1010015	17.955	ng/ul	99

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

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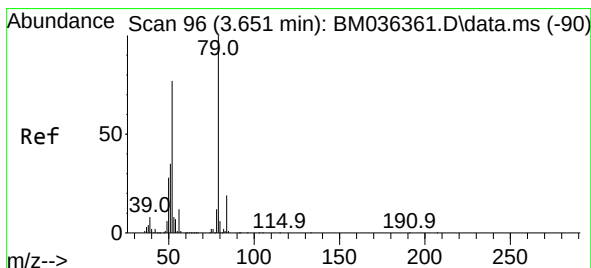
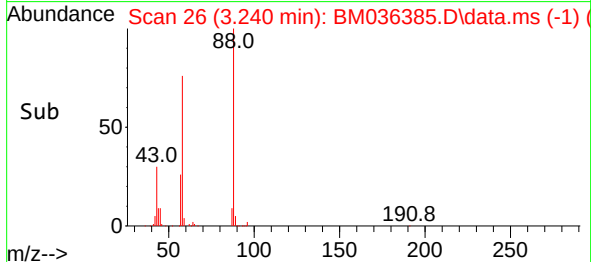
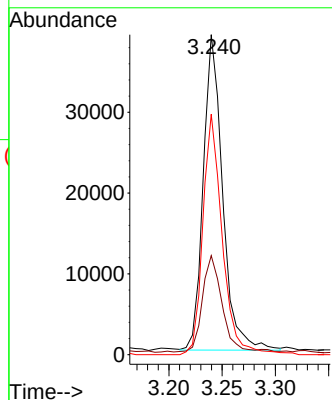
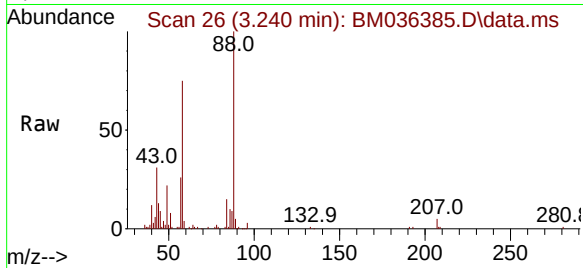




#2
1,4-Dioxane
Concen: 7.877 ng/uL
RT: 3.240 min Scan# 20
Delta R.T. 0.000 min
Lab File: BM036385.D
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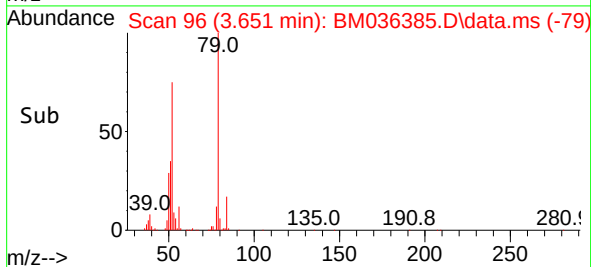
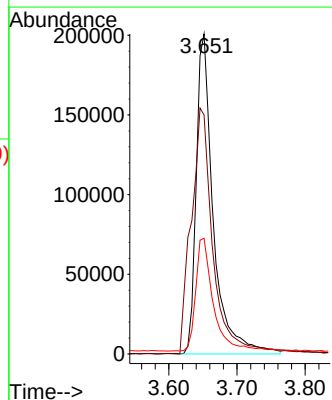
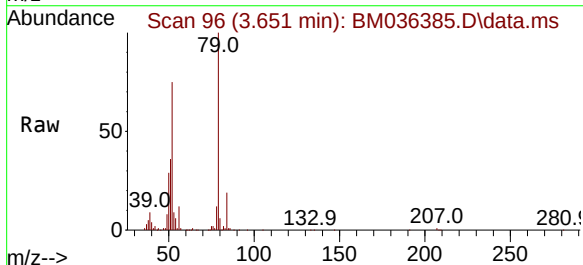
Instrument :
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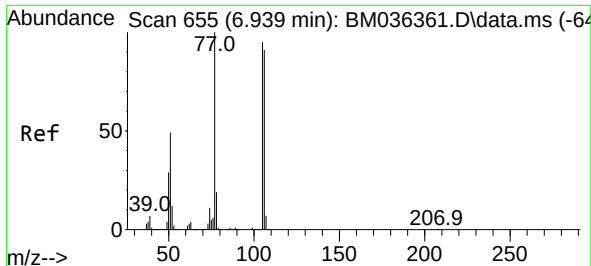
Tgt Ion	Ratio	Lower	Upper
88	100		
43	30.9	27.8	41.8
58	75.2	61.8	92.8



#5
Pyridine
Concen: 20.517 ng/uL
RT: 3.651 min Scan# 96
Delta R.T. 0.000 min
Lab File: BM036385.D
Acq: 23 Aug 2022 11:07

Tgt Ion	Ratio	Lower	Upper
79	100		
52	74.7	67.8	101.6
51	36.2	31.4	47.0

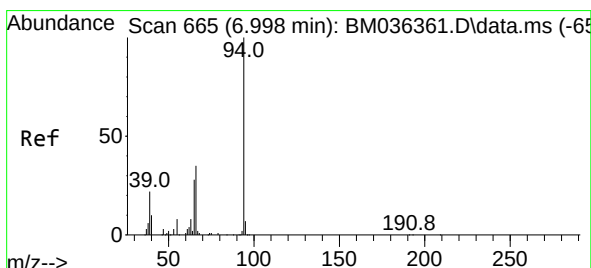
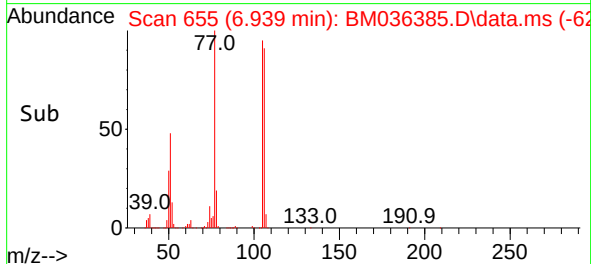
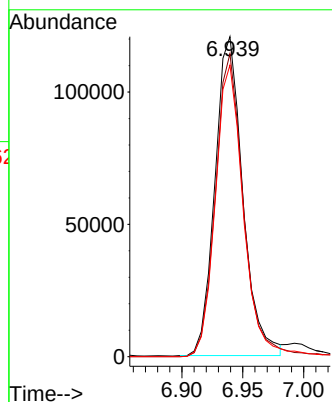
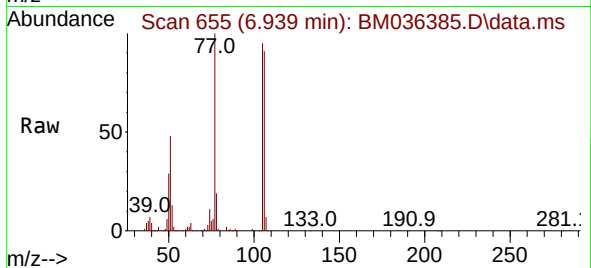




#6
Benzaldehyde
Concen: 24.058 ng/ul
RT: 6.939 min Scan# 655
Delta R.T. 0.000 min
Lab File: BM036385.D
Acq: 23 Aug 2022 11:07

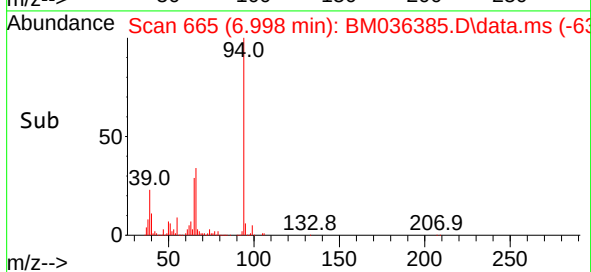
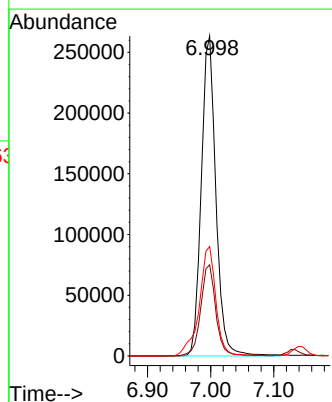
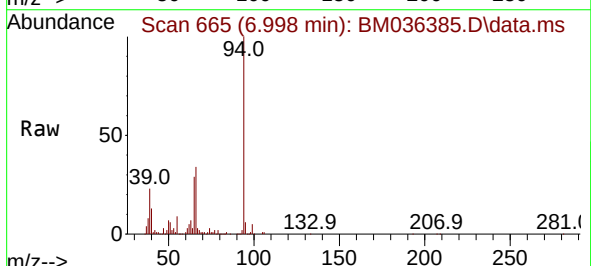
Instrument :
BNA_M
ClientSampleId :

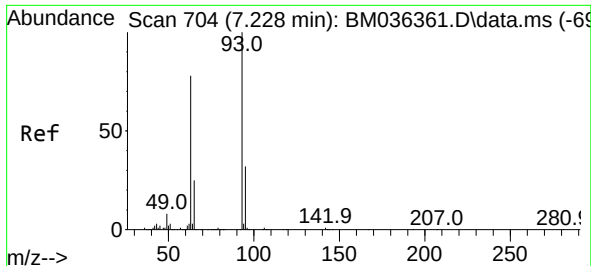
Tgt Ion: 77 Resp: 191722
Ion Ratio Lower Upper
77 100
105 94.7 84.6 127.0
106 91.2 80.3 120.5



#8
Phenol
Concen: 20.993 ng/ul
RT: 6.998 min Scan# 665
Delta R.T. 0.000 min
Lab File: BM036385.D
Acq: 23 Aug 2022 11:07

Tgt Ion: 94 Resp: 423445
Ion Ratio Lower Upper
94 100
65 28.5 21.3 31.9
66 34.2 27.4 41.0





#10

Bis(2-Chloroethyl)ether

Concen: 20.977 ng/ul

RT: 7.222 min Scan# 704

Delta R.T. -0.006 min

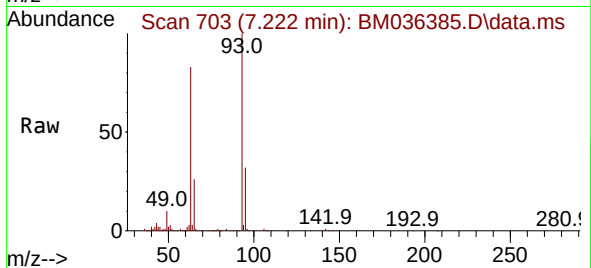
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Instrument :

BNA_M

ClientSampleId :



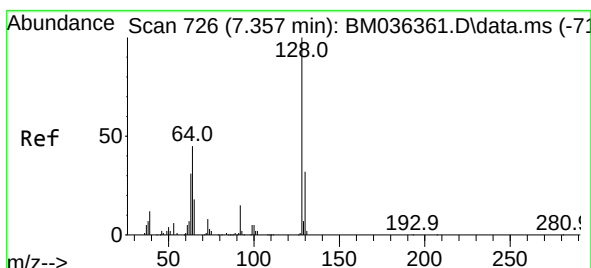
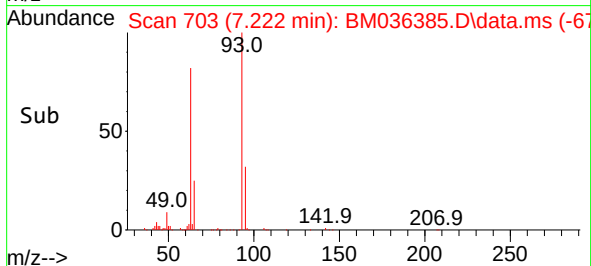
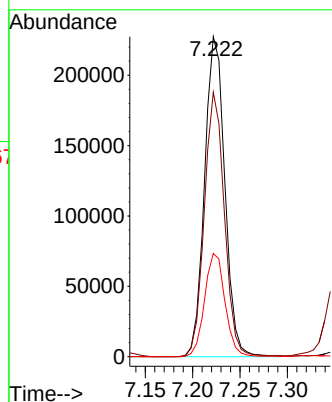
Tgt Ion: 93 Resp: 338435

Ion Ratio Lower Upper

93 100

63 82.7 64.0 96.0

95 32.3 25.8 38.6



#12

2-Chlorophenol

Concen: 20.479 ng/ul

RT: 7.357 min Scan# 726

Delta R.T. 0.000 min

Lab File: BM036385.D

Acq: 23 Aug 2022 11:07

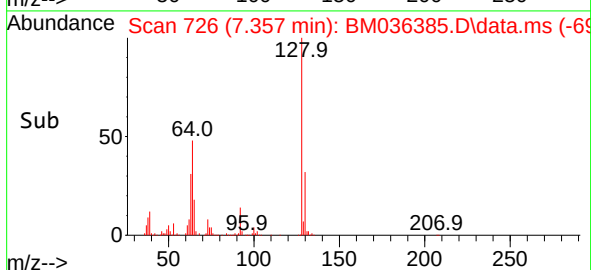
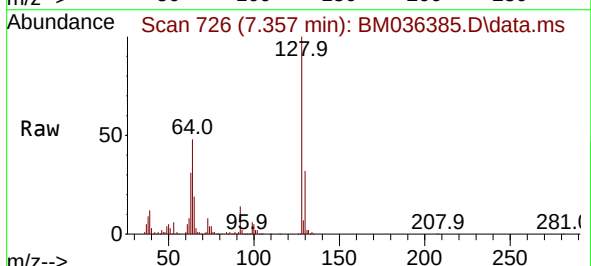
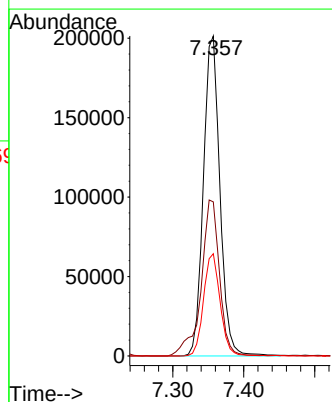
Tgt Ion:128 Resp: 326442

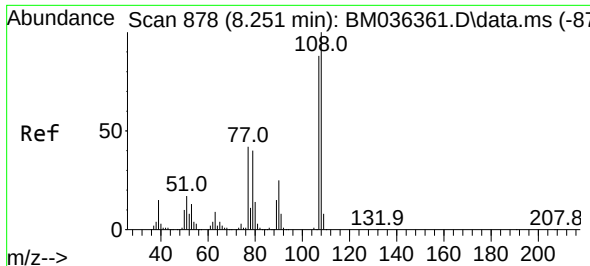
Ion Ratio Lower Upper

128 100

64 48.2 36.9 55.3

130 31.9 25.6 38.4

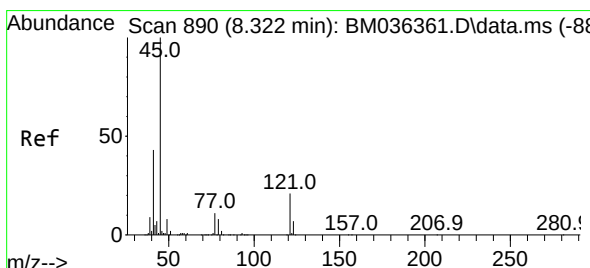
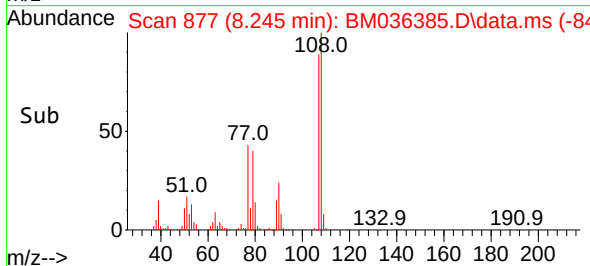
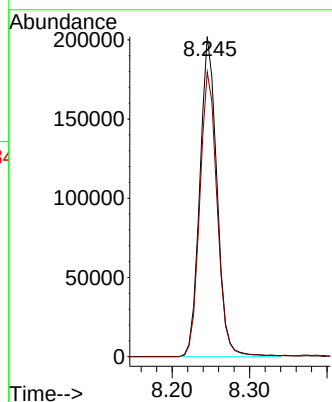
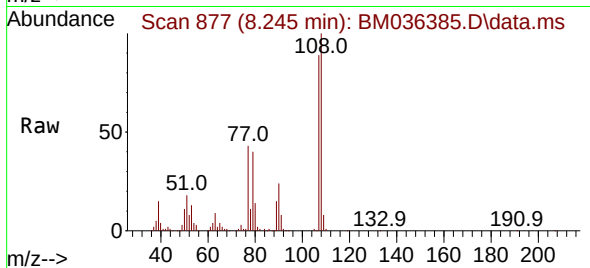




#13
2-Methylphenol
Concen: 20.849 ng/ul
RT: 8.245 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM036385.D
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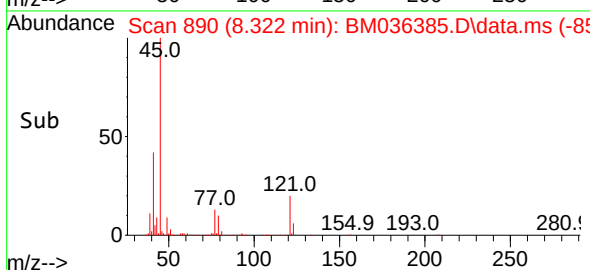
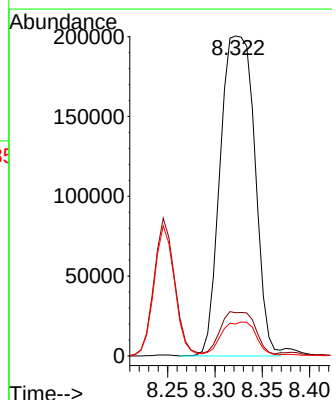
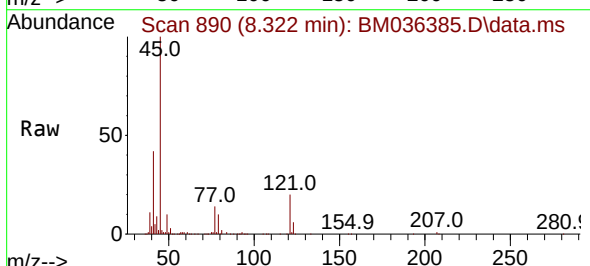
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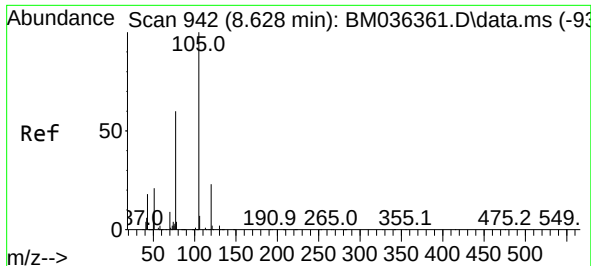
Tgt Ion:108 Resp: 309997
Ion Ratio Lower Upper
108 100
107 89.0 75.0 112.4



#14
2,2'-oxybis(1-Chloropropane)
Concen: 23.489 ng/ul
RT: 8.322 min Scan# 890
Delta R.T. -0.012 min
Lab File: BM036385.D
Acq: 23 Aug 2022 11:07

Tgt Ion: 45 Resp: 507020
Ion Ratio Lower Upper
45 100
77 13.5 10.6 15.8
79 10.0 8.3 12.5

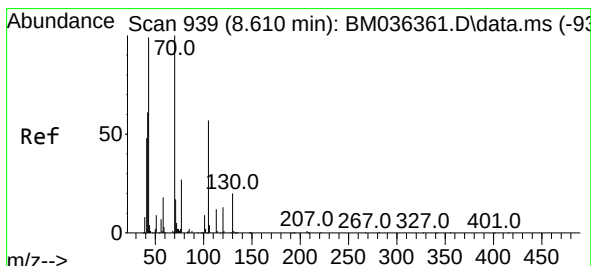
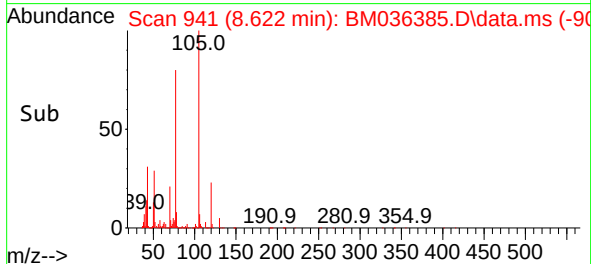
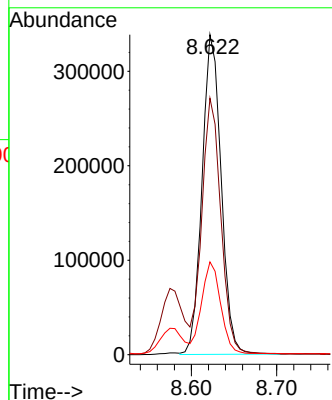
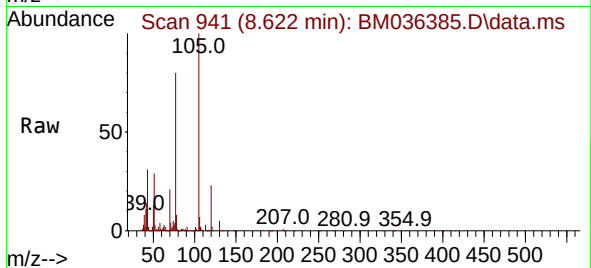




#16
Acetophenone
Concen: 22.617 ng/ul
RT: 8.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BM036385.D
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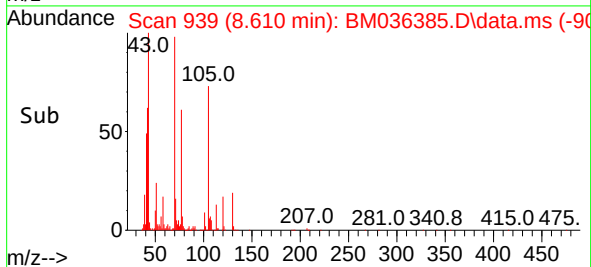
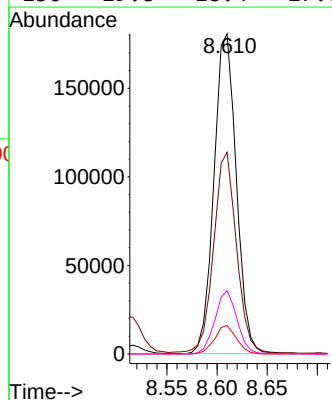
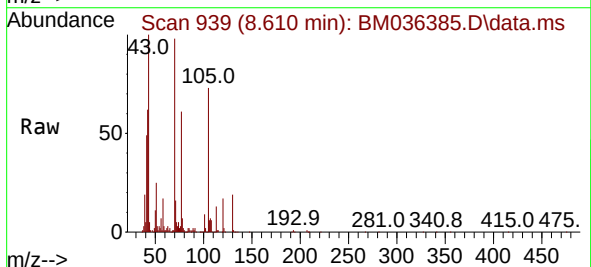
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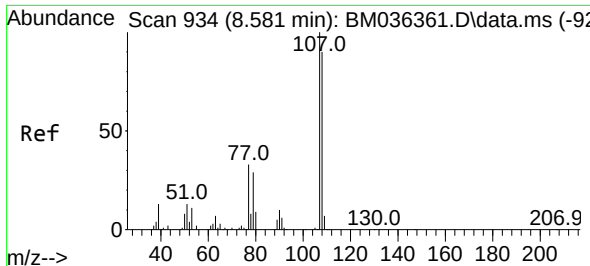
Tgt Ion:105 Resp: 526955
Ion Ratio Lower Upper
105 100
77 80.1 59.8 89.6
51 29.0 22.1 33.1



#17
N-Nitroso-di-n-propylamine
Concen: 24.157 ng/ul
RT: 8.610 min Scan# 939
Delta R.T. 0.000 min
Lab File: BM036385.D
Acq: 23 Aug 2022 11:07

Tgt Ion: 70 Resp: 280133
Ion Ratio Lower Upper
70 100
42 63.0 49.6 74.4
101 8.9 8.1 12.1
130 19.8 18.4 27.6

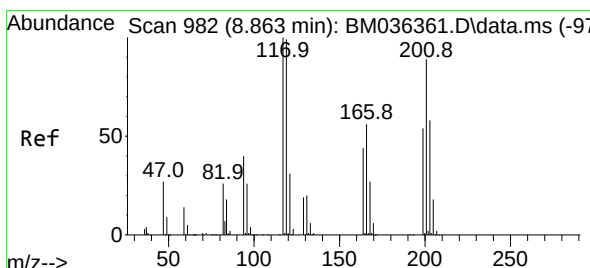
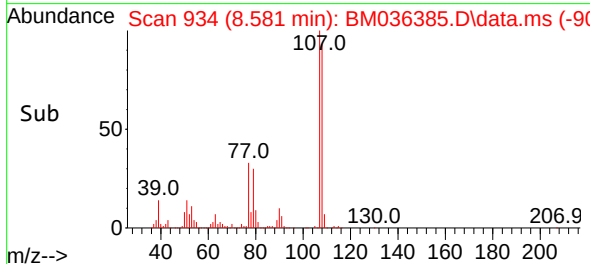
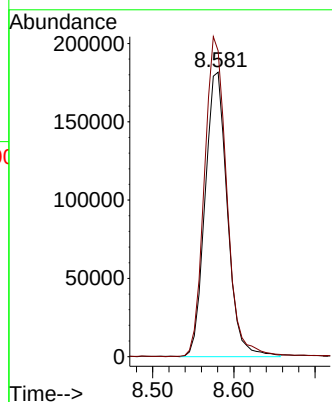
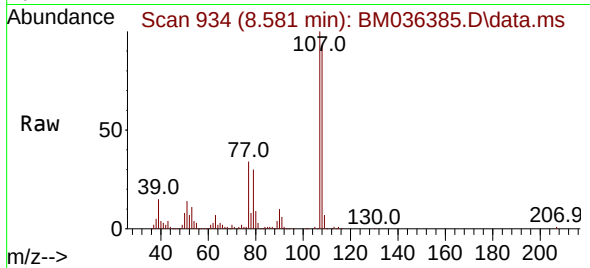




#18
4-Methylphenol
Concen: 21.782 ng/ul
RT: 8.581 min Scan# 911
Delta R.T. 0.000 min
Lab File: BM036385.D
Acq: 23 Aug 2022 11:07

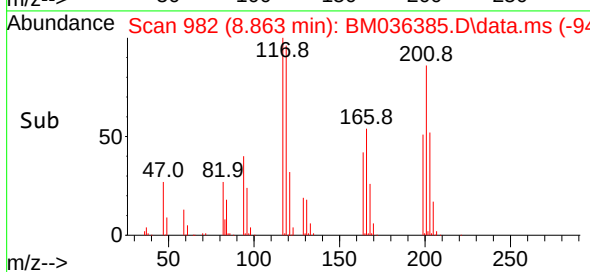
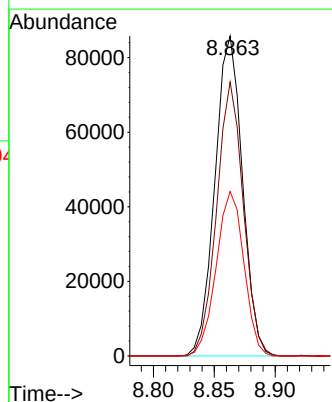
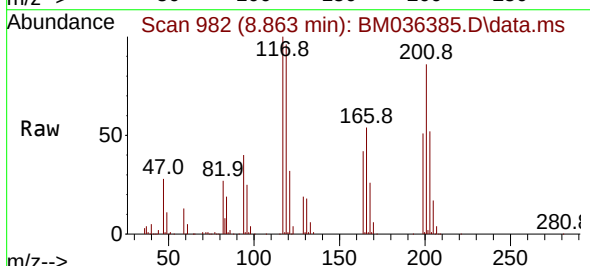
Instrument :
BNA_M
ClientSampleId :

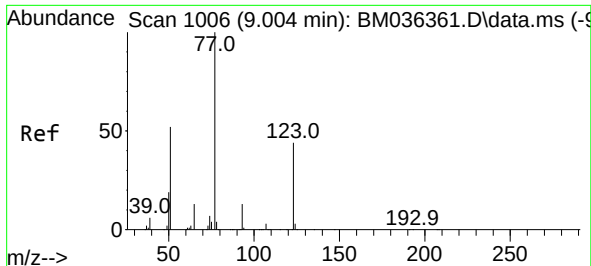
Tgt Ion:108 Resp: 346678
Ion Ratio Lower Upper
108 100
107 107.5 90.3 135.5



#19
Hexachloroethane
Concen: 20.242 ng/ul
RT: 8.863 min Scan# 982
Delta R.T. 0.000 min
Lab File: BM036385.D
Acq: 23 Aug 2022 11:07

Tgt Ion:117 Resp: 134986
Ion Ratio Lower Upper
117 100
201 87.4 81.8 122.6
199 52.5 51.6 77.4

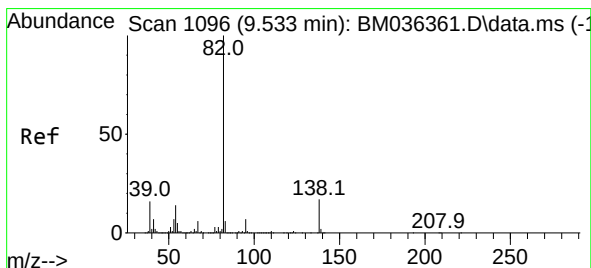
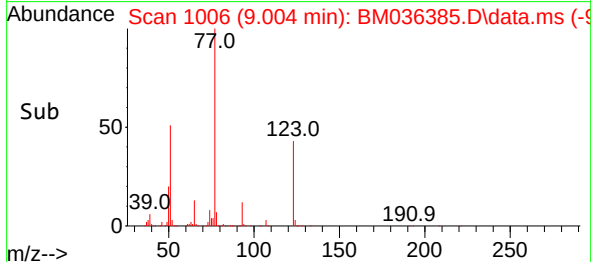
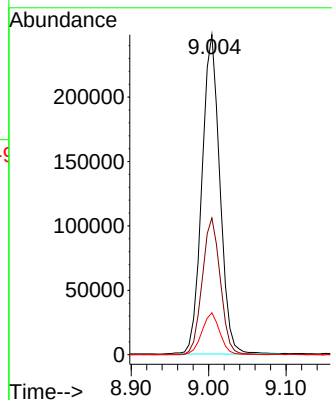
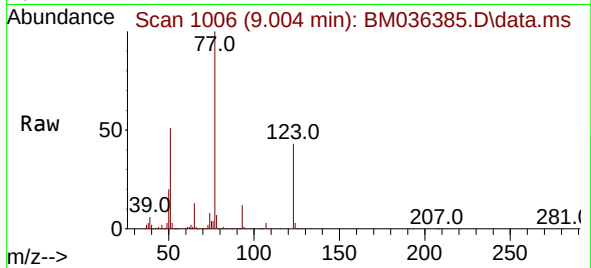




#22
Nitrobenzene
Concen: 20.146 ng/ul
RT: 9.004 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BM036385.D
Acq: 23 Aug 2022 11:07

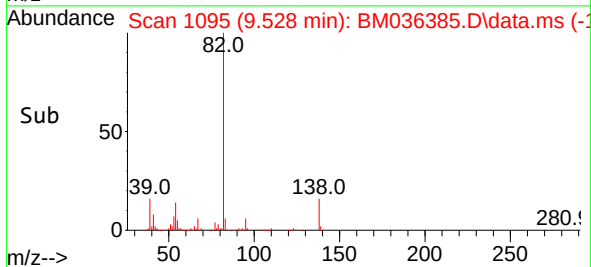
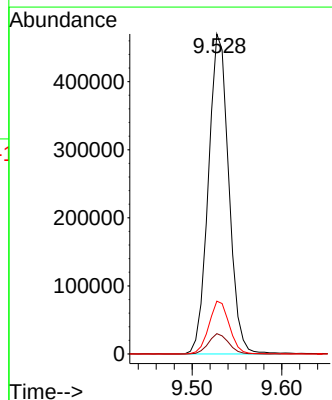
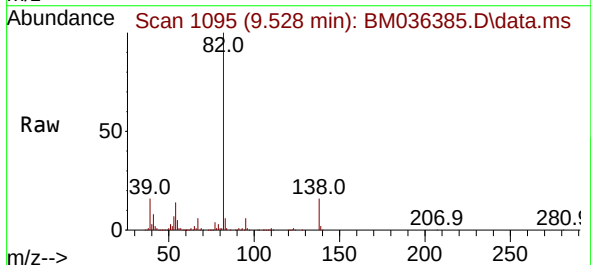
Instrument :
BNA_M
ClientSampleId :

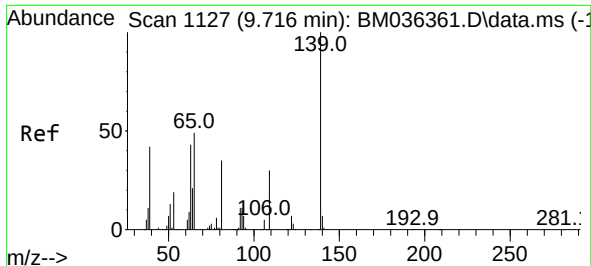
Tgt Ion: 77 Resp: 399189
Ion Ratio Lower Upper
77 100
123 42.7 37.4 56.0
65 13.1 10.8 16.2



#23
Isophorone
Concen: 21.086 ng/ul
RT: 9.528 min Scan# 1095
Delta R.T. -0.006 min
Lab File: BM036385.D
Acq: 23 Aug 2022 11:07

Tgt Ion: 82 Resp: 741970
Ion Ratio Lower Upper
82 100
95 6.3 5.5 8.3
138 16.5 15.3 22.9

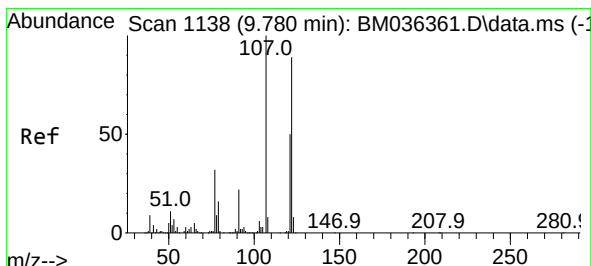
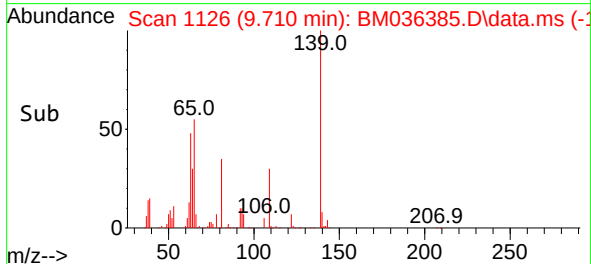
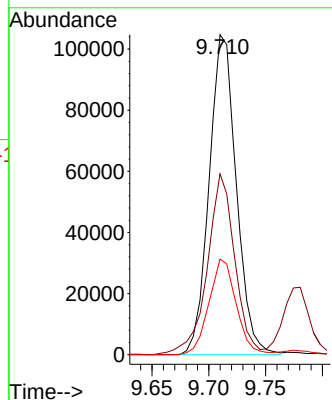
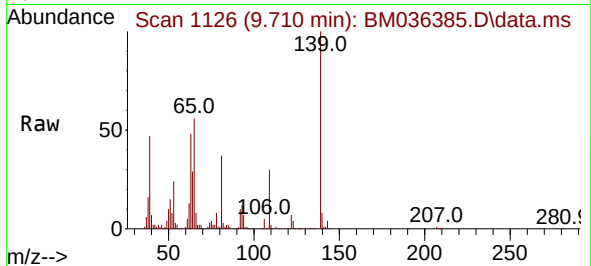




#25
2-Nitrophenol
Concen: 18.449 ng/ul
RT: 9.710 min Scan# 1126
Delta R.T. -0.006 min
Lab File: BM036385.D
Acq: 23 Aug 2022 11:07

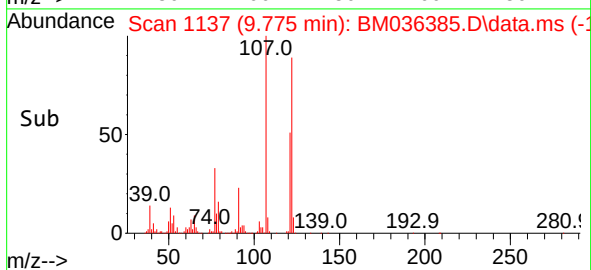
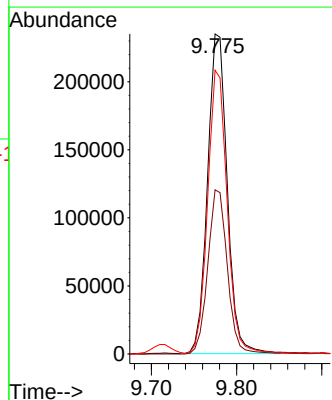
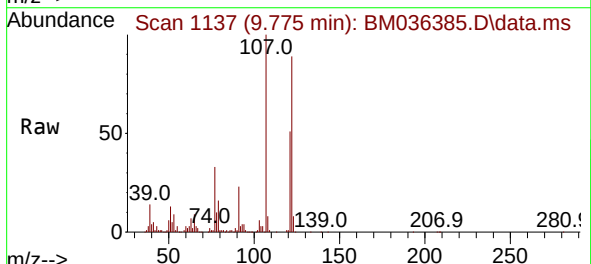
Instrument :
BNA_M
ClientSampleId :

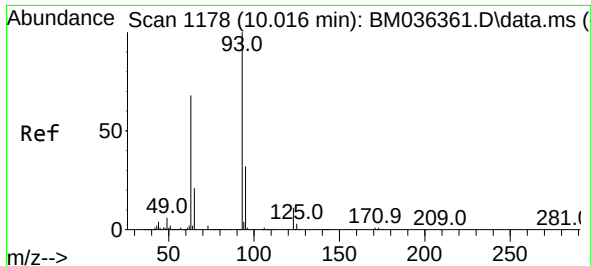
Tgt Ion:139 Resp: 174351
Ion Ratio Lower Upper
139 100
65 56.5 39.8 59.6
109 29.9 22.2 33.4



#26
2,4-Dimethylphenol
Concen: 19.952 ng/ul
RT: 9.775 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BM036385.D
Acq: 23 Aug 2022 11:07

Tgt Ion:107 Resp: 377088
Ion Ratio Lower Upper
107 100
121 51.3 42.7 64.1
122 88.6 71.5 107.3





#27

Bis(2-Chloroethoxy)methane

Concen: 20.764 ng/ul

RT: 10.016 min Scan# 1178

Delta R.T. 0.000 min

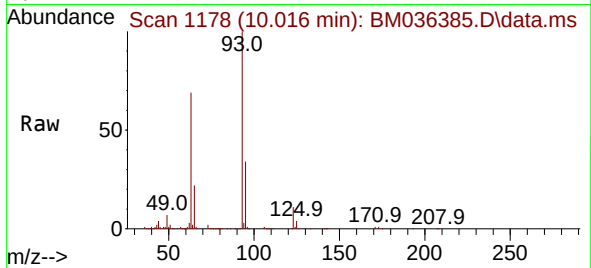
Lab File: BM036385.D

Acq: 23 Aug 2022 11:07

Instrument :

BNA_M

ClientSampleId :



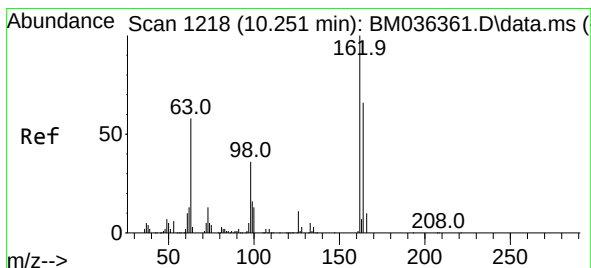
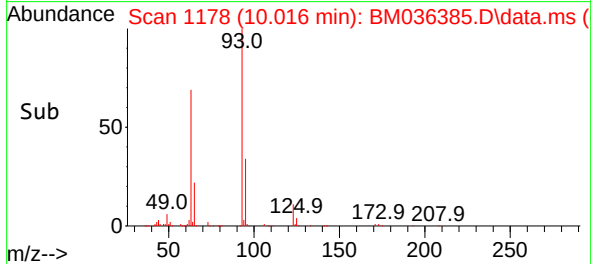
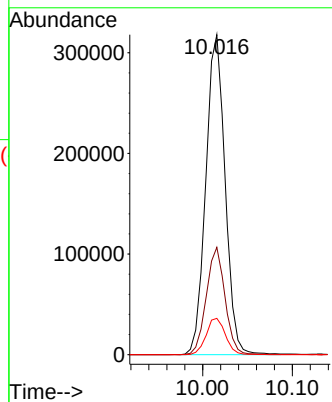
Tgt Ion: 93 Resp: 475653

Ion Ratio Lower Upper

93 100

95 33.5 26.1 39.1

123 11.4 9.4 14.0



#29

2,4-Dichlorophenol

Concen: 19.491 ng/ul

RT: 10.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BM036385.D

Acq: 23 Aug 2022 11:07

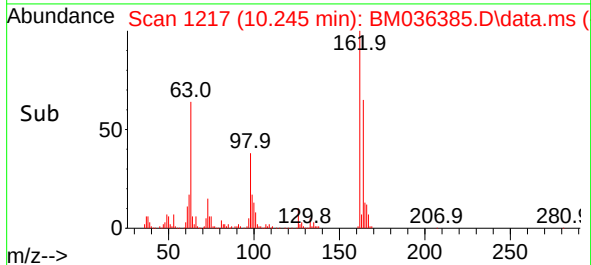
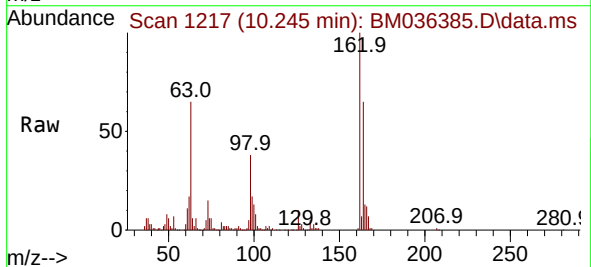
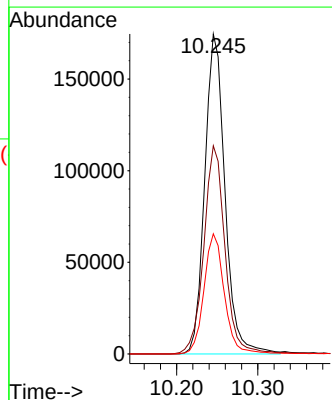
Tgt Ion: 162 Resp: 302241

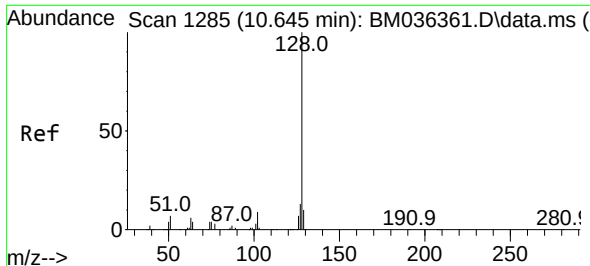
Ion Ratio Lower Upper

162 100

164 65.1 51.8 77.6

98 37.6 29.5 44.3

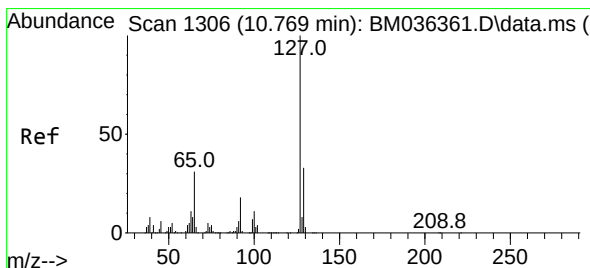
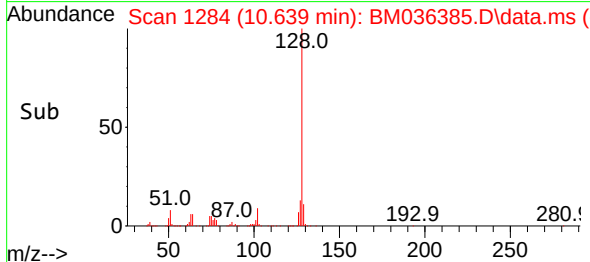
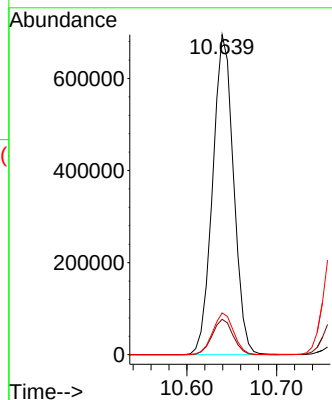
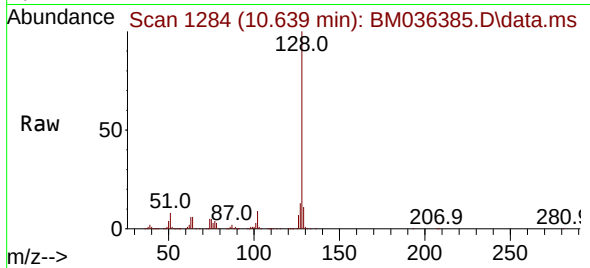




#30
Naphthalene
Concen: 19.429 ng/ul
RT: 10.639 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM036385.D
Acq: 23 Aug 2022 11:07

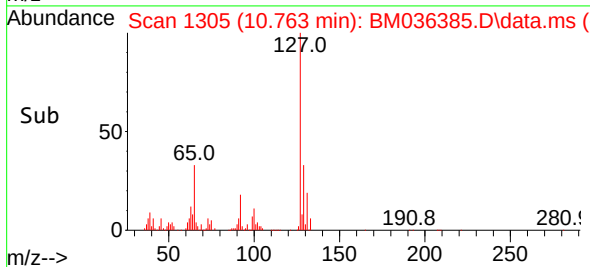
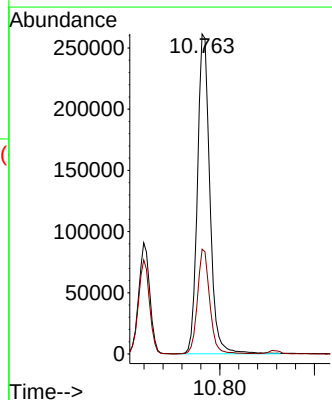
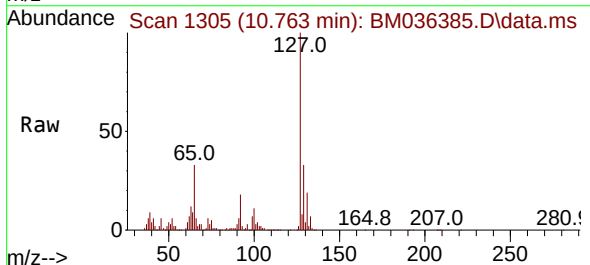
Instrument :
BNA_M
ClientSampleId :

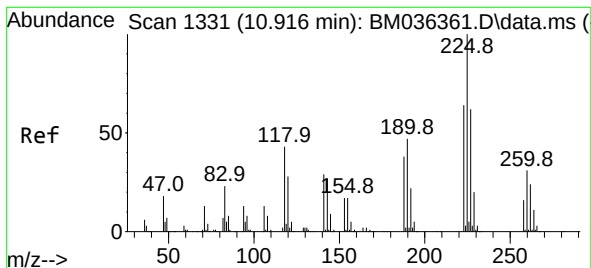
Tgt Ion:128 Resp: 1124725
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.1 10.6 16.0



#32
4-Chloroaniline
Concen: 19.886 ng/ul
RT: 10.763 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BM036385.D
Acq: 23 Aug 2022 11:07

Tgt Ion:127 Resp: 475255
Ion Ratio Lower Upper
127 100
129 32.7 25.3 37.9





#33

Hexachlorobutadiene

Concen: 18.049 ng/ul

RT: 10.916 min Scan# 1331

Delta R.T. 0.000 min

Lab File: BM036385.D

Acq: 23 Aug 2022 11:07

Instrument :

BNA_M

ClientSampleId :

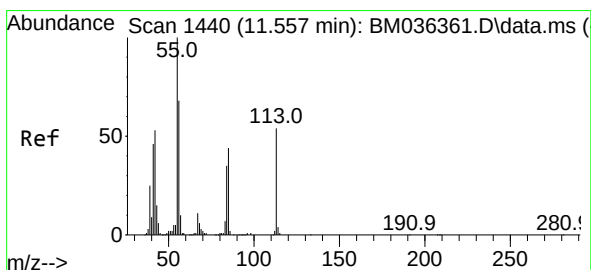
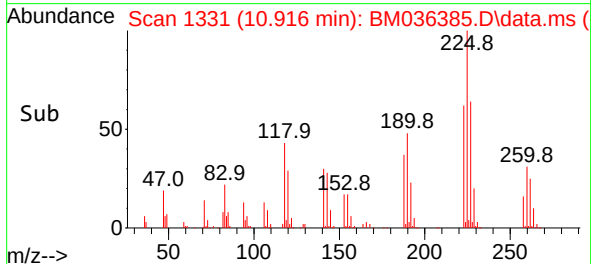
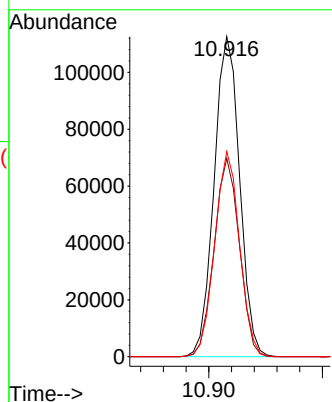
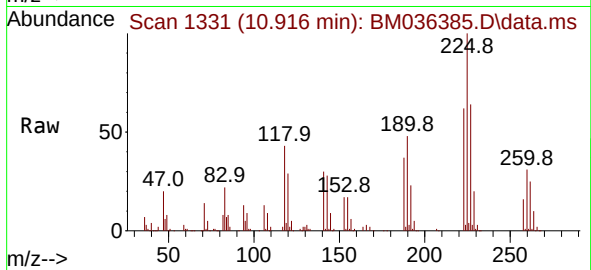
Tgt Ion:225 Resp: 175834

Ion Ratio Lower Upper

225 100

223 59.4 50.0 75.0

227 61.4 49.9 74.9



#34

Caprolactam

Concen: 18.508 ng/ul

RT: 11.557 min Scan# 1440

Delta R.T. 0.000 min

Lab File: BM036385.D

Acq: 23 Aug 2022 11:07

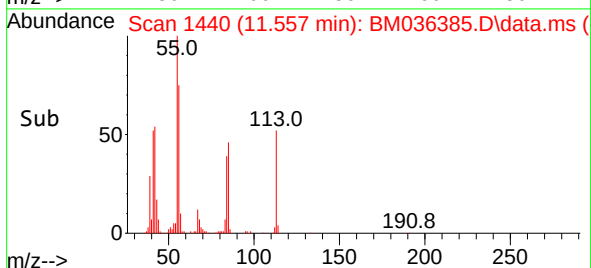
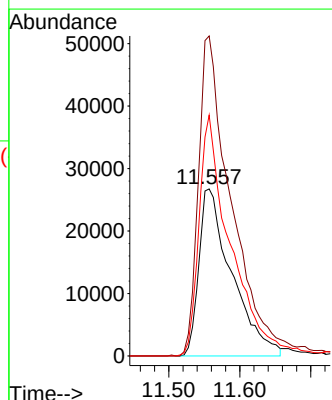
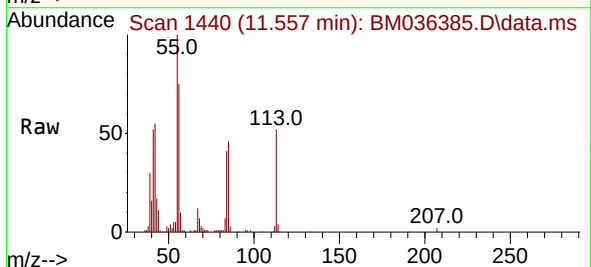
Tgt Ion:113 Resp: 85994

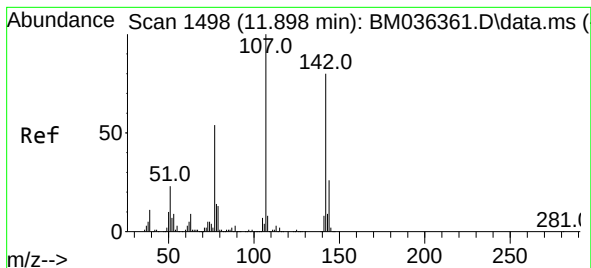
Ion Ratio Lower Upper

113 100

55 191.5 150.2 225.4

56 144.0 102.1 153.1

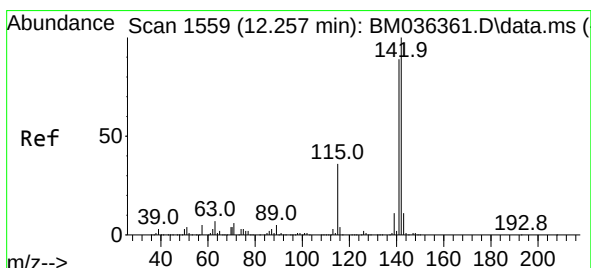
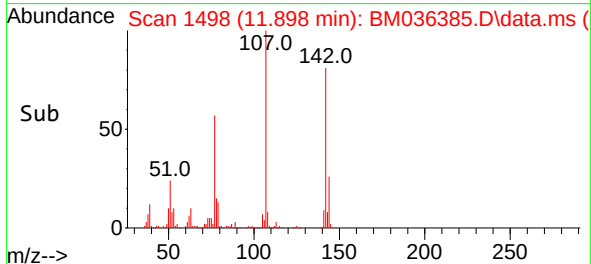
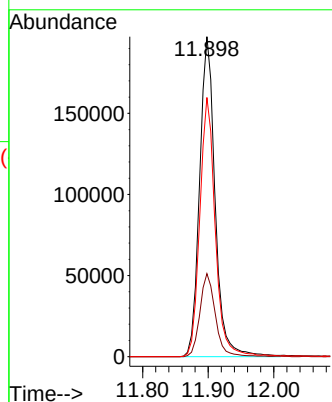
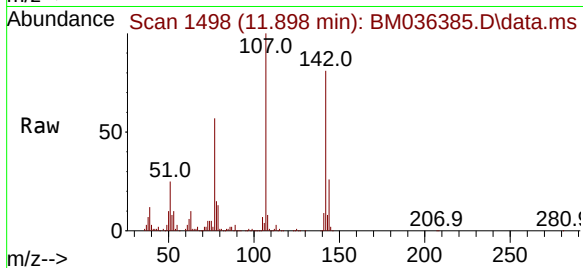




#35
4-Chloro-3-methylphenol
Concen: 20.790 ng/ul
RT: 11.898 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BM036385.D
Acq: 23 Aug 2022 11:07

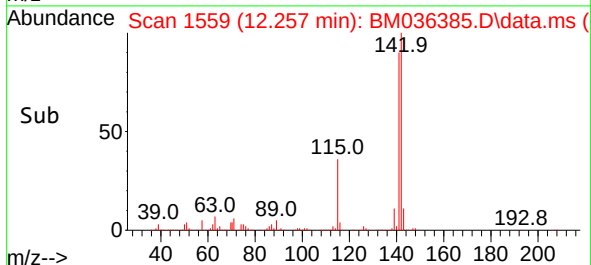
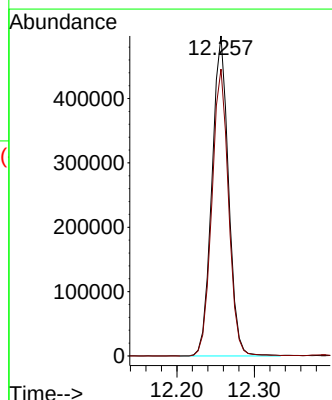
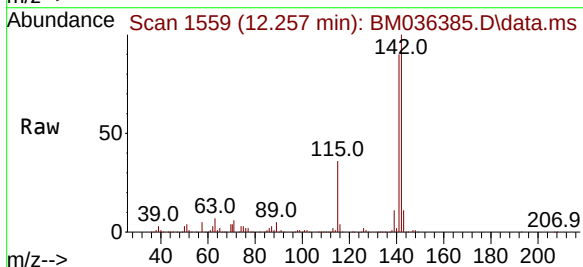
Instrument :
BNA_M
ClientSampleId :

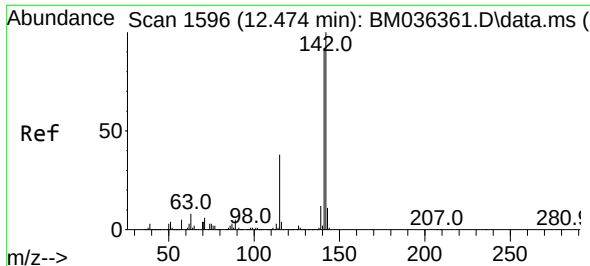
Tgt Ion:107 Resp: 325969
Ion Ratio Lower Upper
107 100
144 26.0 20.3 30.5
142 81.0 64.4 96.6



#36
2-Methylnaphthalene
Concen: 20.399 ng/ul
RT: 12.257 min Scan# 1559
Delta R.T. 0.000 min
Lab File: BM036385.D
Acq: 23 Aug 2022 11:07

Tgt Ion:142 Resp: 740935
Ion Ratio Lower Upper
142 100
141 89.6 70.7 106.1

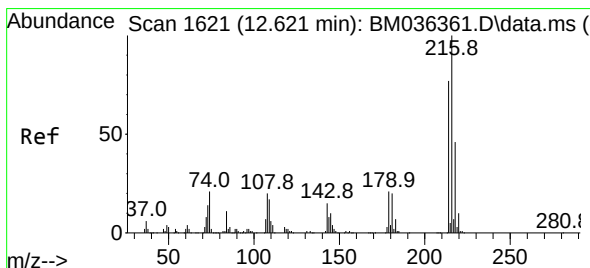
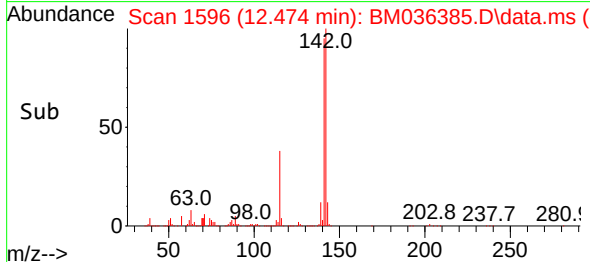
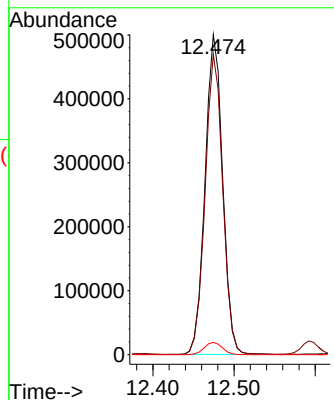
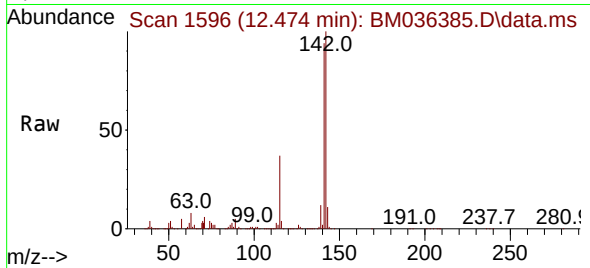




#37
1-Methylnaphthalene
Concen: 20.544 ng/ul
RT: 12.474 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BM036385.D
Acq: 23 Aug 2022 11:07

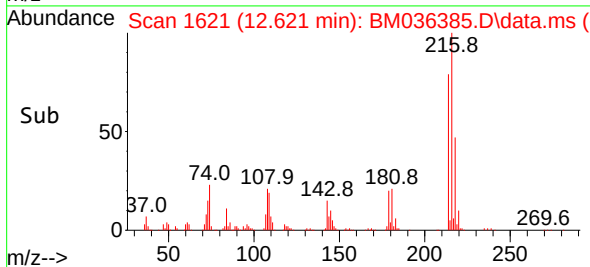
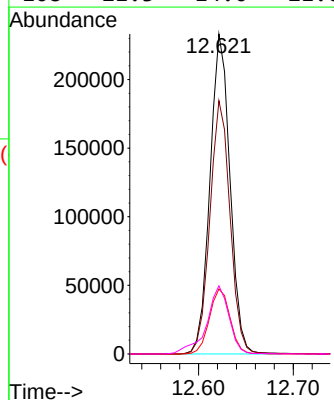
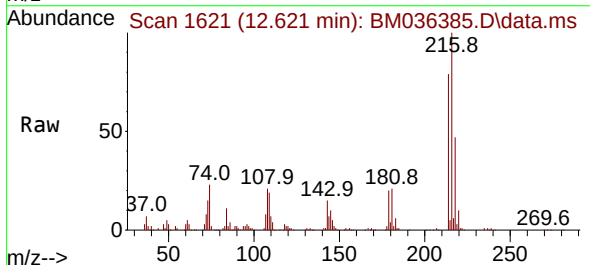
Instrument :
BNA_M
ClientSampleId :

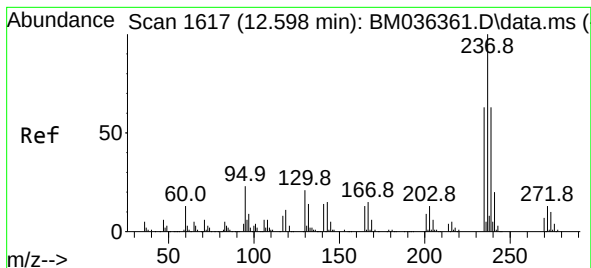
Tgt Ion:142 Resp: 751477
Ion Ratio Lower Upper
142 100
141 93.9 75.2 112.8
116 3.9 2.6 3.8#



#39
1,2,4,5-Tetrachlorobenzene
Concen: 18.230 ng/ul
RT: 12.621 min Scan# 1621
Delta R.T. 0.000 min
Lab File: BM036385.D
Acq: 23 Aug 2022 11:07

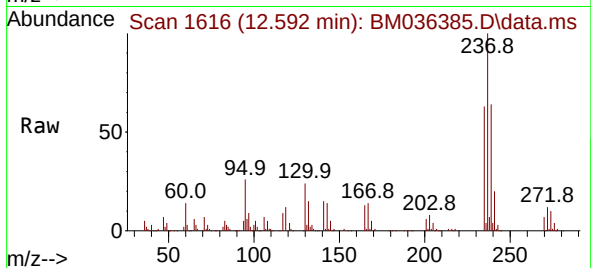
Tgt Ion:216 Resp: 342984
Ion Ratio Lower Upper
216 100
214 79.1 62.4 93.6
179 20.3 17.3 25.9
108 21.3 14.0 21.0#



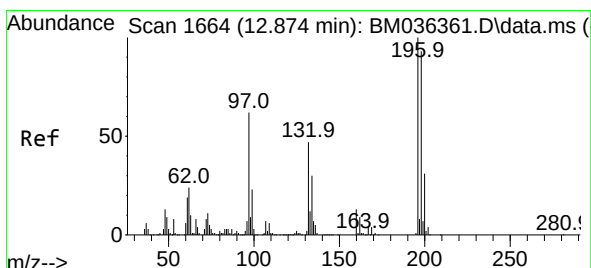
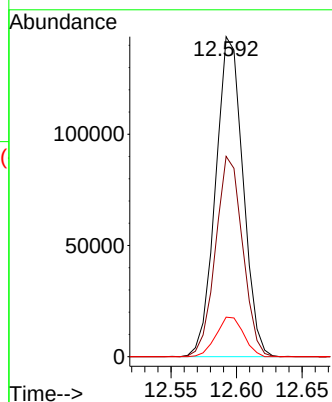
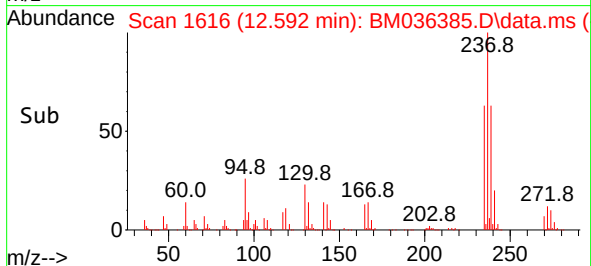


#40
Hexachlorocyclopentadiene
Concen: 18.725 ng/ul
RT: 12.592 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM036385.D
Acq: 23 Aug 2022 11:07

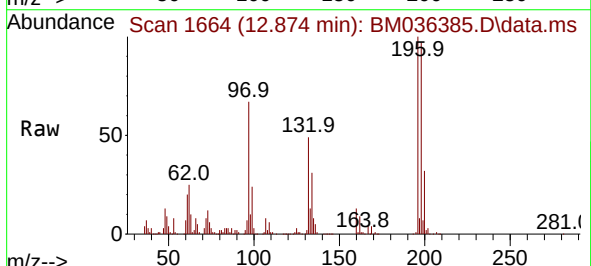
Instrument :
BNA_M
ClientSampleId :



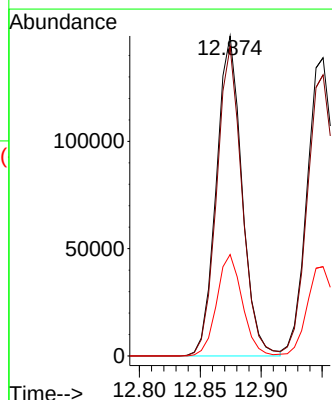
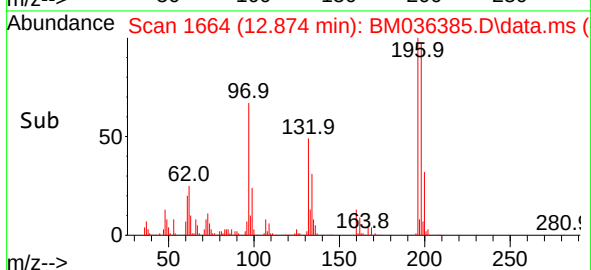
Tgt Ion:237 Resp: 209002
Ion Ratio Lower Upper
237 100
235 62.6 48.4 72.6
272 13.0 11.6 17.4

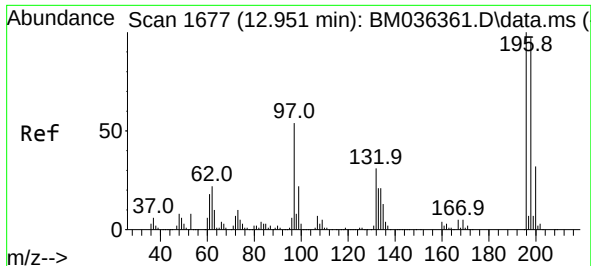


#41
2,4,6-Trichlorophenol
Concen: 18.466 ng/ul
RT: 12.874 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BM036385.D
Acq: 23 Aug 2022 11:07



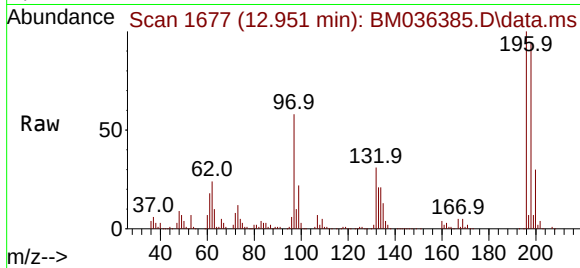
Tgt Ion:196 Resp: 218626
Ion Ratio Lower Upper
196 100
198 96.6 77.8 116.6
200 31.7 25.0 37.6



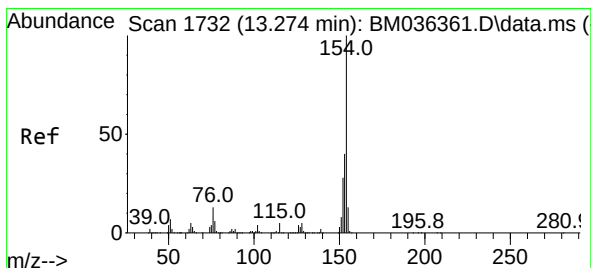
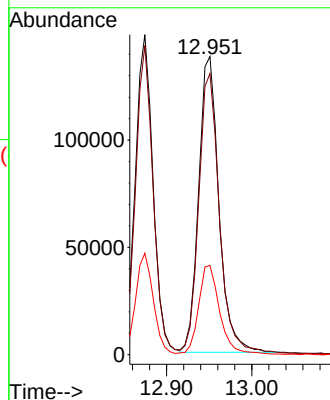
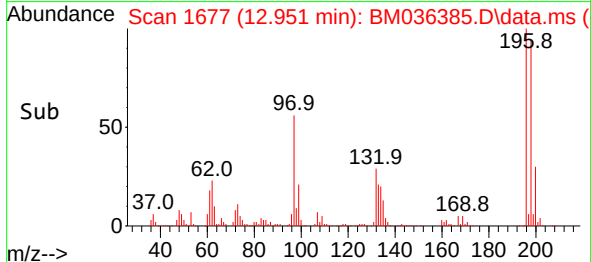


#42
2,4,5-Trichlorophenol
Concen: 18.154 ng/ul
RT: 12.951 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM036385.D
Acq: 23 Aug 2022 11:07

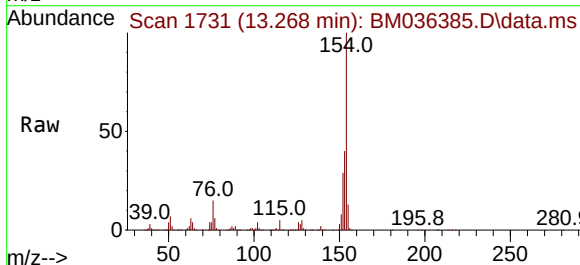
Instrument :
BNA_M
ClientSampleId :



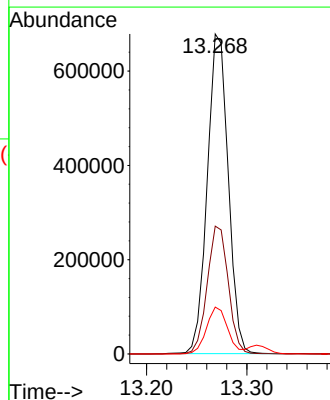
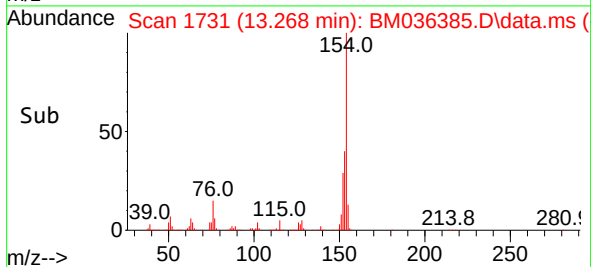
Tgt Ion:196 Resp: 227973
Ion Ratio Lower Upper
196 100
198 94.2 76.8 115.2
200 29.9 24.9 37.3

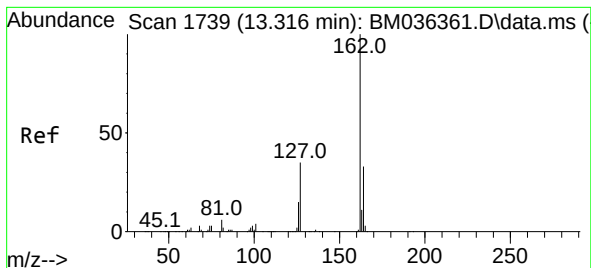


#43
1,1'-Biphenyl
Concen: 19.228 ng/ul
RT: 13.268 min Scan# 1731
Delta R.T. -0.006 min
Lab File: BM036385.D
Acq: 23 Aug 2022 11:07



Tgt Ion:154 Resp: 984386
Ion Ratio Lower Upper
154 100
153 40.0 32.4 48.6
76 14.7 10.1 15.1





#44

2-Chloronaphthalene

Concen: 18.722 ng/ul

RT: 13.310 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM036385.D

Acq: 23 Aug 2022 11:07

Instrument :

BNA_M

ClientSampleId :

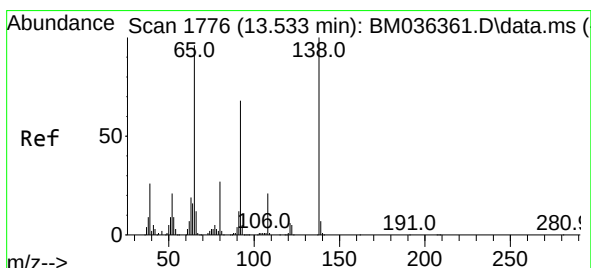
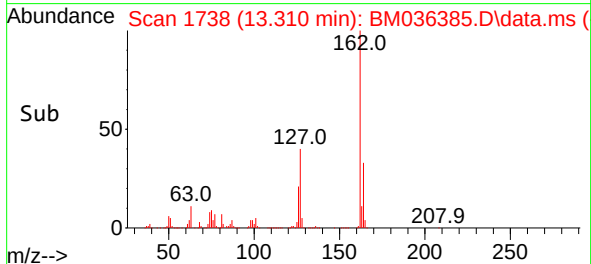
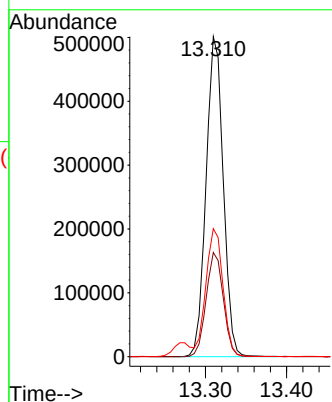
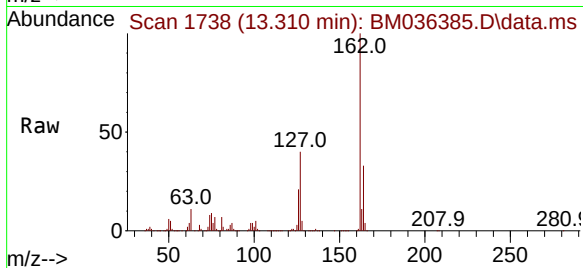
Tgt Ion:162 Resp: 735507

Ion Ratio Lower Upper

162 100

164 32.6 25.4 38.0

127 40.0 31.6 47.4



#45

2-Nitroaniline

Concen: 19.738 ng/ul

RT: 13.533 min Scan# 1776

Delta R.T. 0.000 min

Lab File: BM036385.D

Acq: 23 Aug 2022 11:07

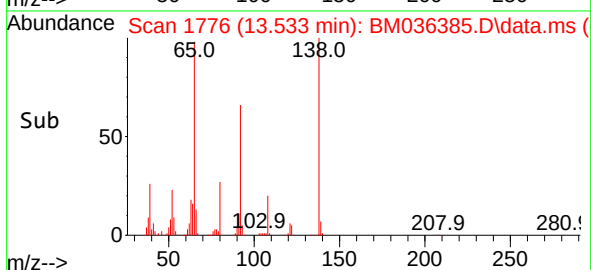
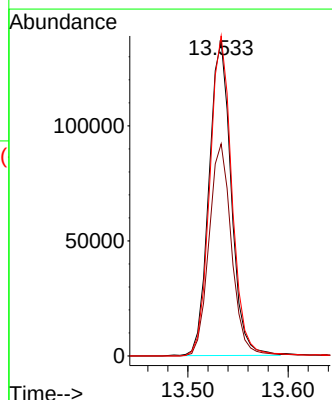
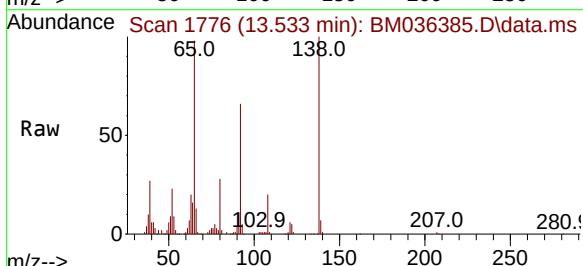
Tgt Ion: 65 Resp: 209978

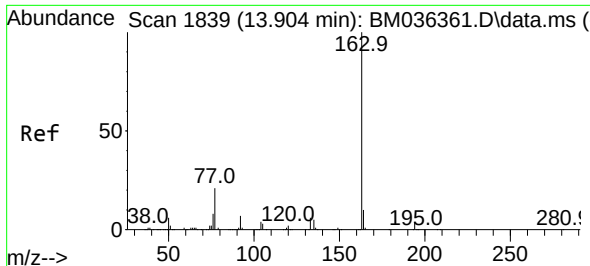
Ion Ratio Lower Upper

65 100

92 67.4 54.5 81.7

138 101.6 91.2 136.8

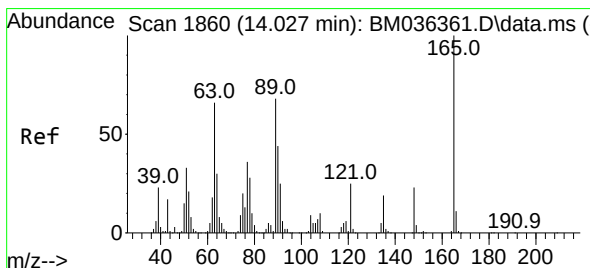
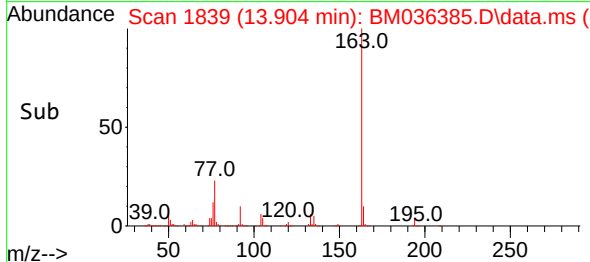
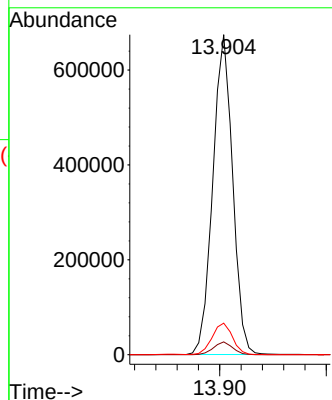
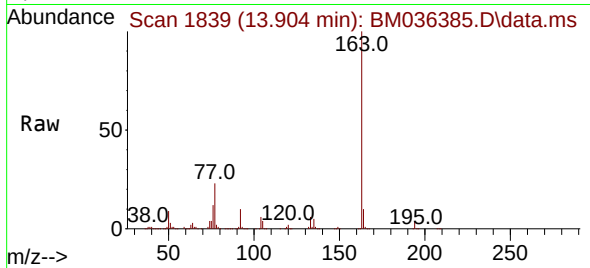




#47
Dimethylphthalate
Concen: 19.615 ng/ul
RT: 13.904 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BM036385.D
Acq: 23 Aug 2022 11:07

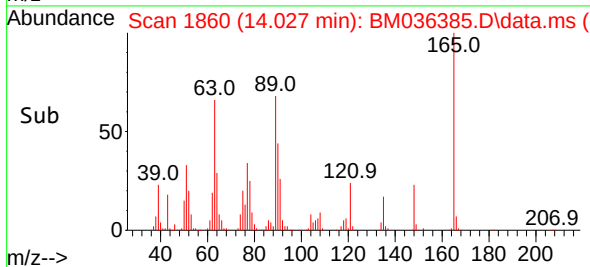
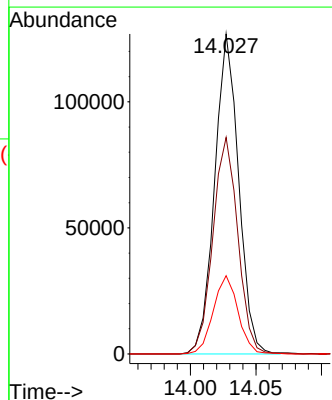
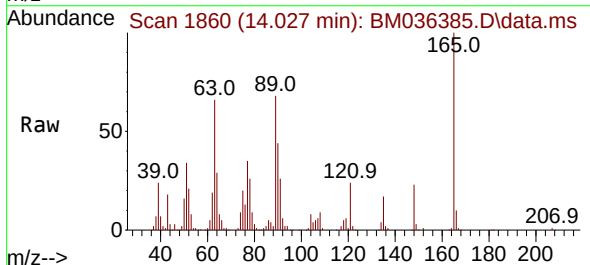
Instrument :
BNA_M
ClientSampleId :

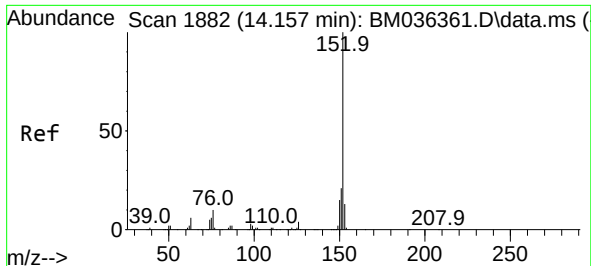
Tgt Ion:163 Resp: 869486
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 9.8 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 19.281 ng/ul
RT: 14.027 min Scan# 1860
Delta R.T. 0.000 min
Lab File: BM036385.D
Acq: 23 Aug 2022 11:07

Tgt Ion:165 Resp: 161260
Ion Ratio Lower Upper
165 100
89 67.7 42.5 63.7#
121 24.5 17.2 25.8

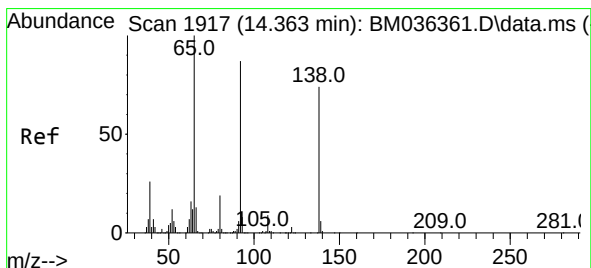
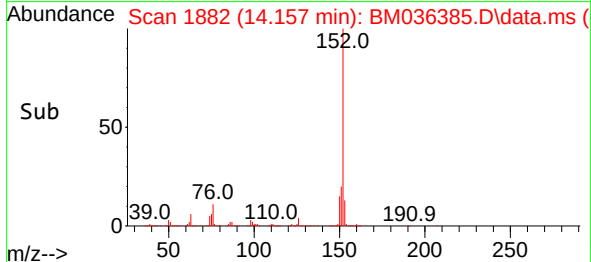
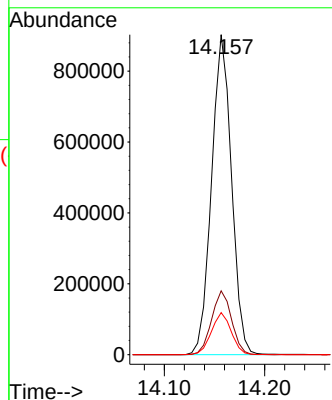
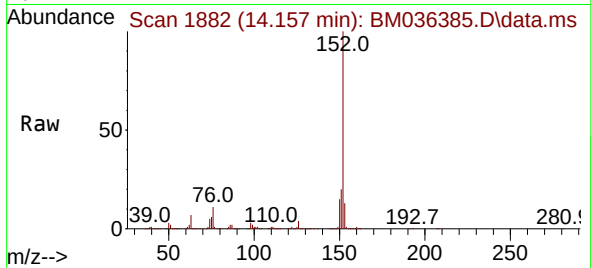




#50
Acenaphthylene
Concen: 19.673 ng/ul
RT: 14.157 min Scan# 1882
Delta R.T. 0.000 min
Lab File: BM036385.D
Acq: 23 Aug 2022 11:07

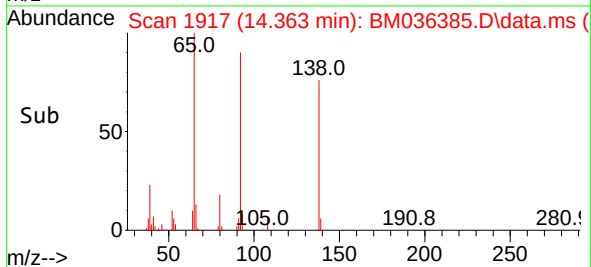
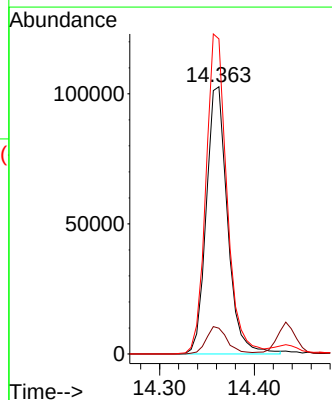
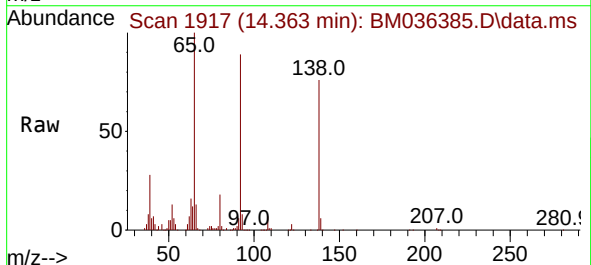
Instrument :
BNA_M
ClientSampleId :

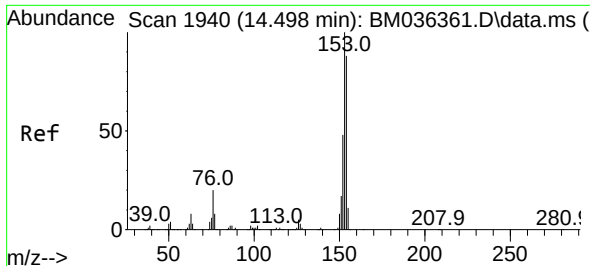
Tgt Ion:152 Resp: 1246085
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 13.2 10.6 15.8



#51
3-Nitroaniline
Concen: 17.509 ng/ul
RT: 14.363 min Scan# 1917
Delta R.T. 0.000 min
Lab File: BM036385.D
Acq: 23 Aug 2022 11:07

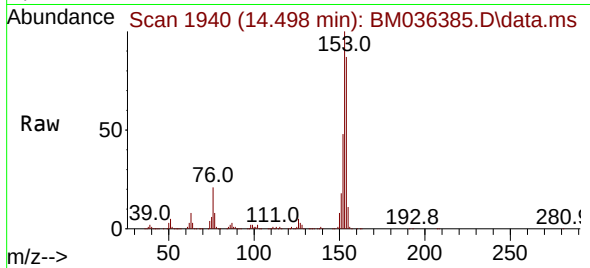
Tgt Ion:138 Resp: 160151
Ion Ratio Lower Upper
138 100
108 9.7 8.1 12.1
92 117.9 90.4 135.6



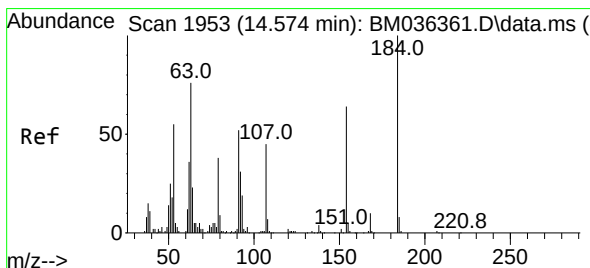
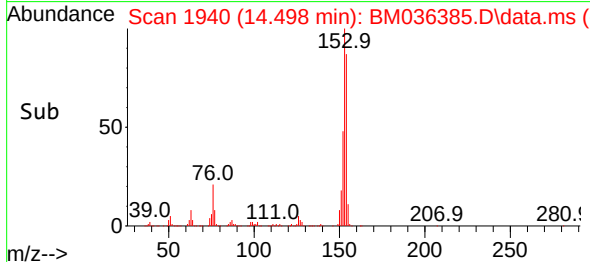
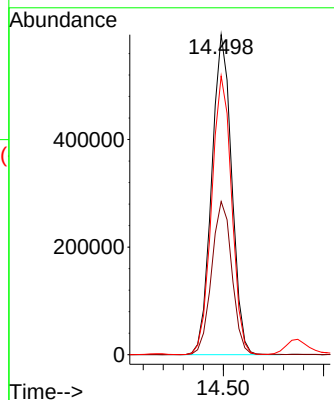


#52
Acenaphthene
Concen: 20.038 ng/ul
RT: 14.498 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BM036385.D
Acq: 23 Aug 2022 11:07

Instrument :
BNA_M
ClientSampleId :

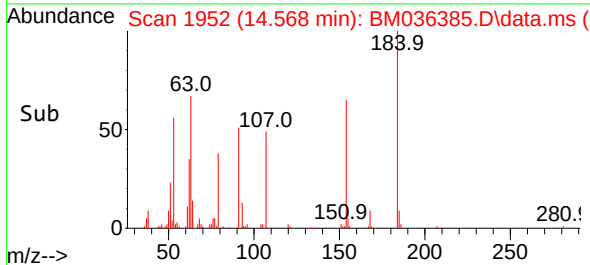
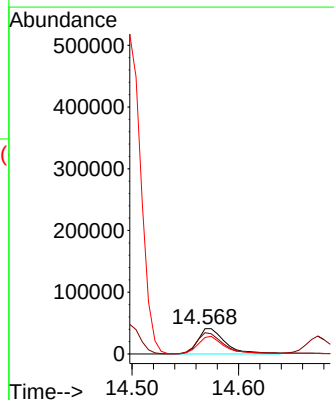
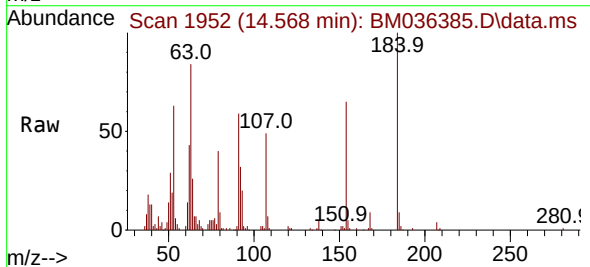


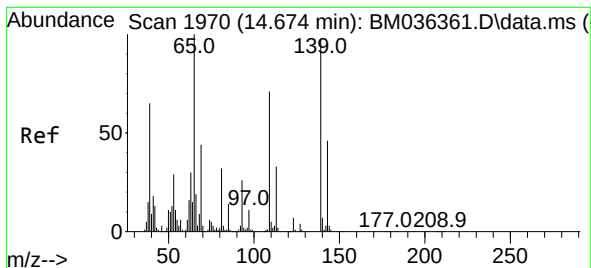
Tgt Ion:153 Resp: 827257
Ion Ratio Lower Upper
153 100
152 47.8 37.1 55.7
154 87.1 71.3 106.9



#53
2,4-Dinitrophenol
Concen: 16.203 ng/ul
RT: 14.568 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BM036385.D
Acq: 23 Aug 2022 11:07

Tgt Ion:184 Resp: 73853
Ion Ratio Lower Upper
184 100
63 84.1 54.2 81.4#
154 65.1 49.3 73.9

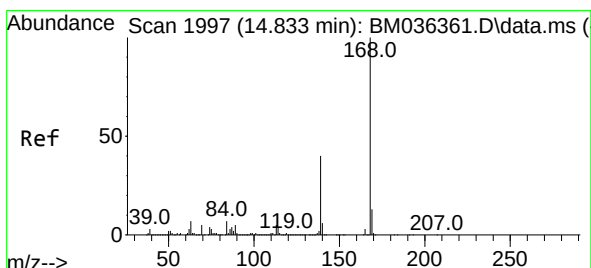
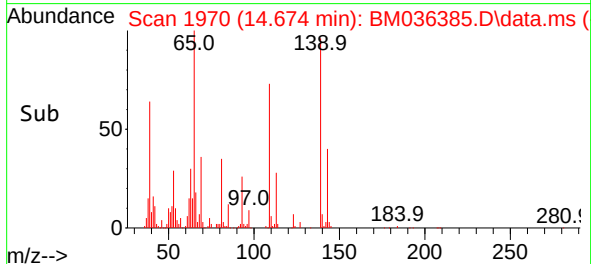
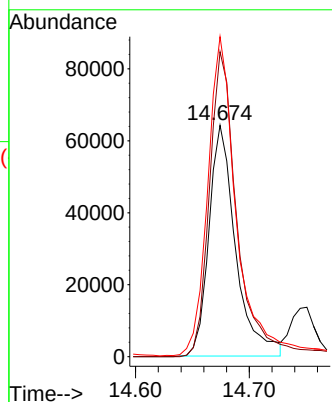
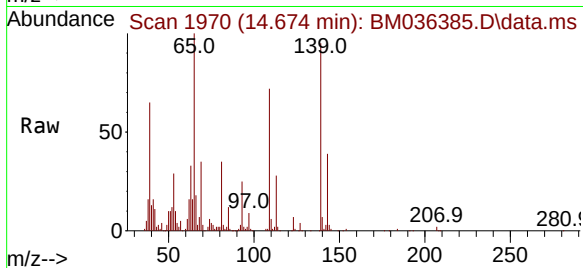




#55
4-Nitrophenol
Concen: 16.312 ng/ul
RT: 14.674 min Scan# 1970
Delta R.T. 0.000 min
Lab File: BM036385.D
Acq: 23 Aug 2022 11:07

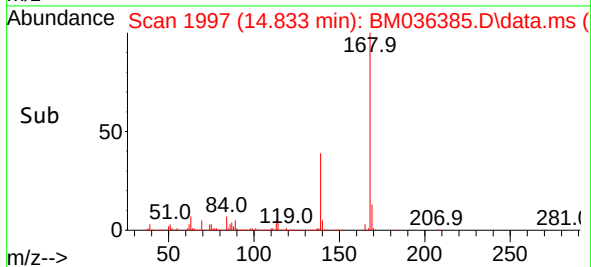
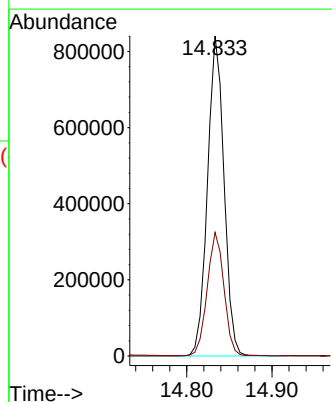
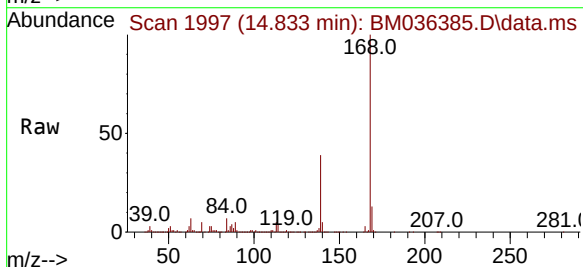
Instrument :
BNA_M
ClientSampleId :

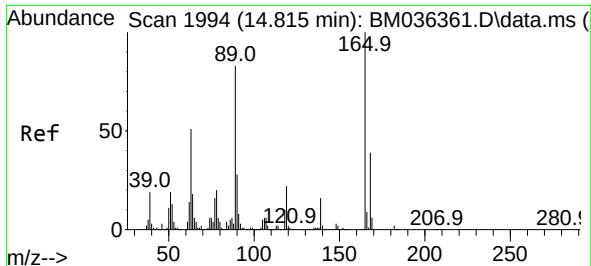
Tgt Ion:109 Resp: 105170
Ion Ratio Lower Upper
109 100
139 131.8 124.9 187.3
65 138.3 122.2 183.4



#56
Dibenzofuran
Concen: 19.804 ng/ul
RT: 14.833 min Scan# 1997
Delta R.T. 0.000 min
Lab File: BM036385.D
Acq: 23 Aug 2022 11:07

Tgt Ion:168 Resp: 1134477
Ion Ratio Lower Upper
168 100
139 38.6 30.1 45.1

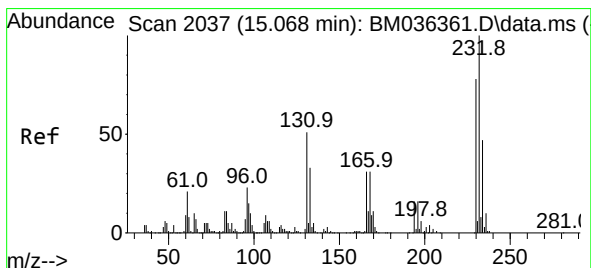
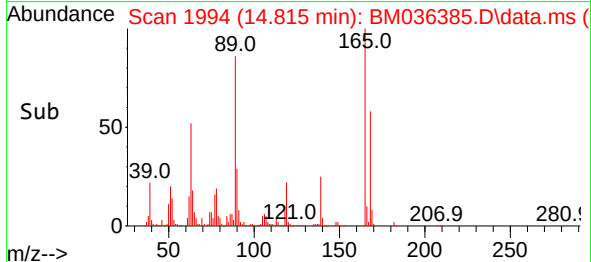
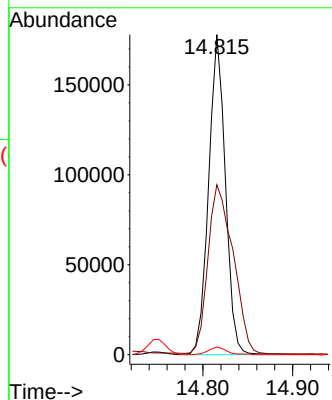
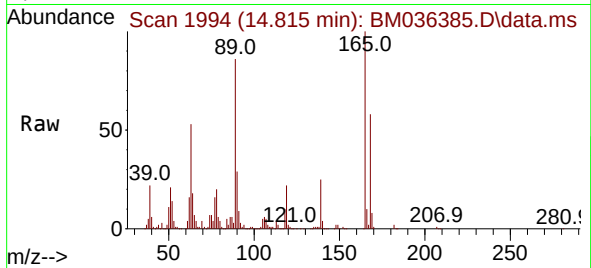




#57
2,4-Dinitrotoluene
Concen: 19.449 ng/ul
RT: 14.815 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BM036385.D
Acq: 23 Aug 2022 11:07

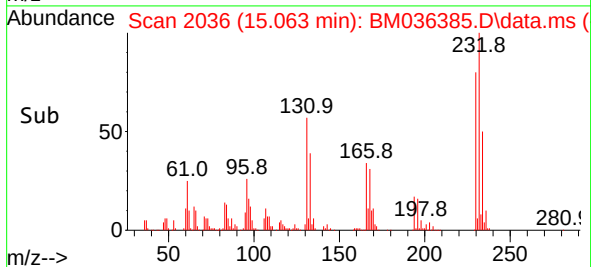
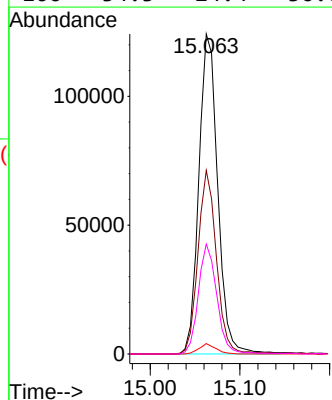
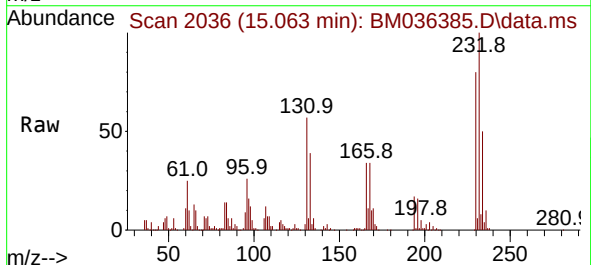
Instrument :
BNA_M
ClientSampleId :

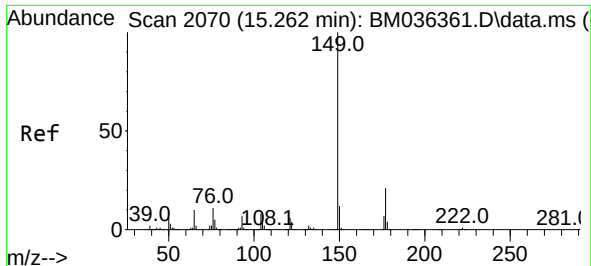
Tgt Ion:165 Resp: 230690
Ion Ratio Lower Upper
165 100
63 53.1 35.9 53.9
182 2.4 2.5 3.7#



#58
2,3,4,6-Tetrachlorophenol
Concen: 19.050 ng/ul
RT: 15.063 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BM036385.D
Acq: 23 Aug 2022 11:07

Tgt Ion:232 Resp: 181636
Ion Ratio Lower Upper
232 100
131 57.3 36.7 55.1#
130 3.3 1.7 2.5#
166 34.3 24.4 36.6

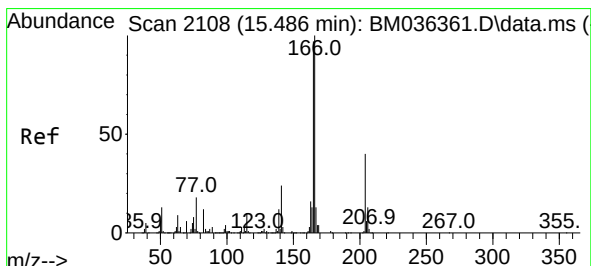
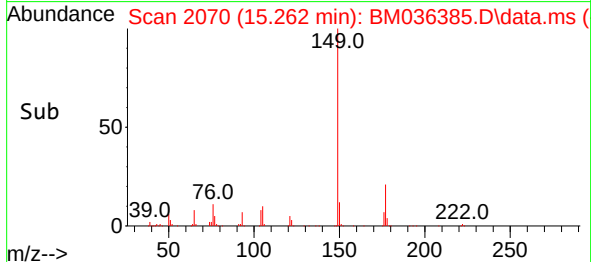
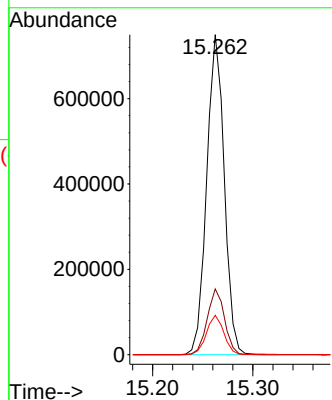
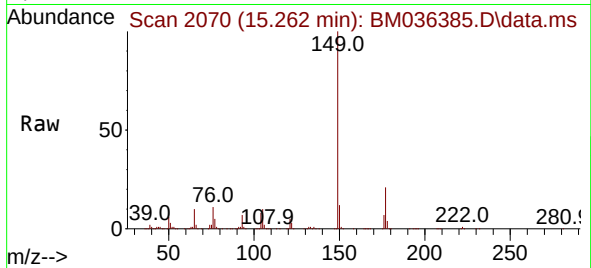




#59
Diethylphthalate
Concen: 20.944 ng/ul
RT: 15.262 min Scan# 2070
Delta R.T. 0.000 min
Lab File: BM036385.D
Acq: 23 Aug 2022 11:07

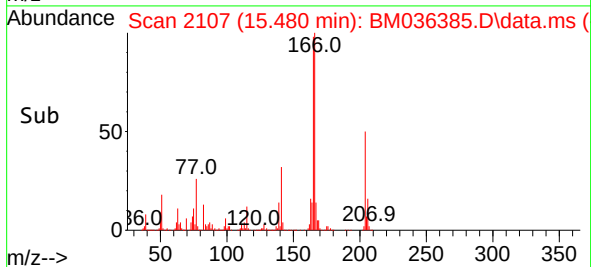
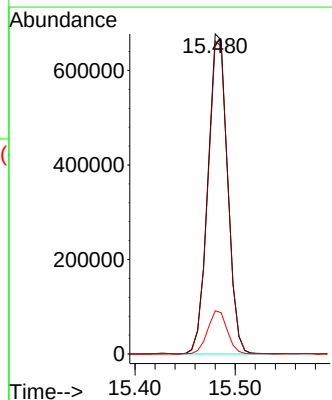
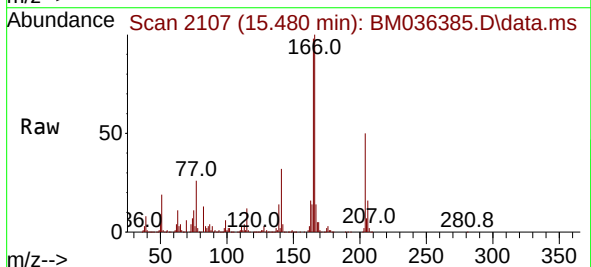
Instrument :
BNA_M
ClientSampleId :

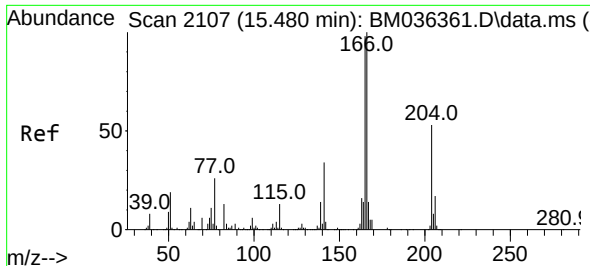
Tgt Ion:149 Resp: 915176
Ion Ratio Lower Upper
149 100
177 20.6 16.8 25.2
150 12.3 10.2 15.4



#61
Fluorene
Concen: 20.371 ng/ul
RT: 15.480 min Scan# 2107
Delta R.T. -0.006 min
Lab File: BM036385.D
Acq: 23 Aug 2022 11:07

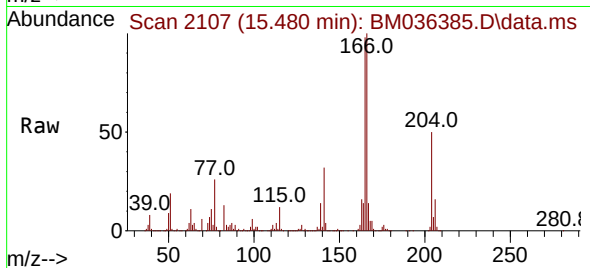
Tgt Ion:166 Resp: 925567
Ion Ratio Lower Upper
166 100
165 97.8 77.2 115.8
167 13.5 11.0 16.4



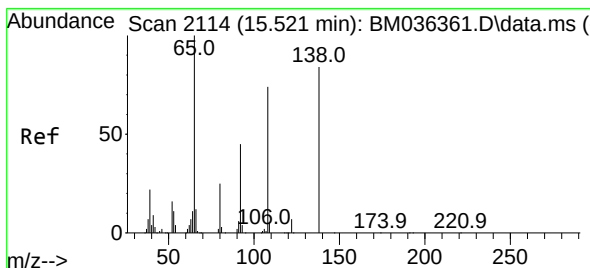
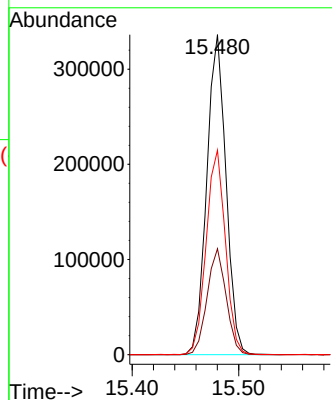
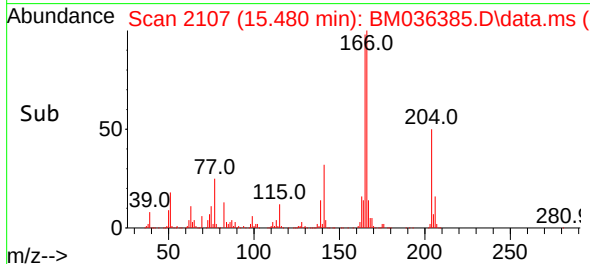


#62
4-Chlorophenyl-phenylether
Concen: 19.890 ng/ul
RT: 15.480 min Scan# 2107
Delta R.T. 0.000 min
Lab File: BM036385.D
Acq: 23 Aug 2022 11:07

Instrument :
BNA_M
ClientSampleId :

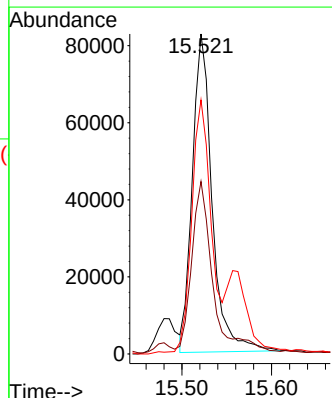
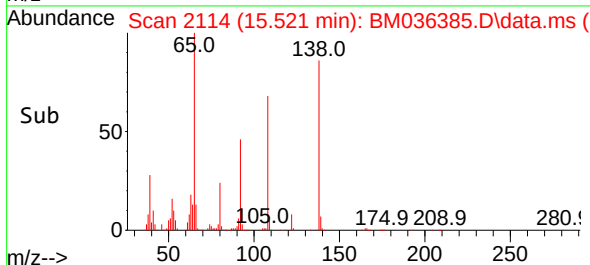
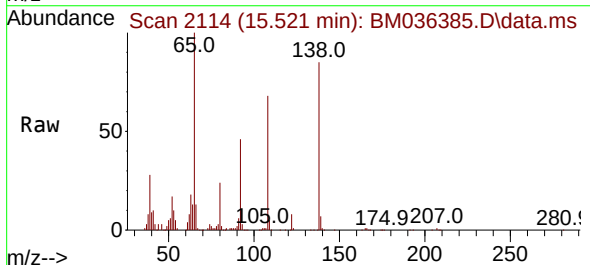


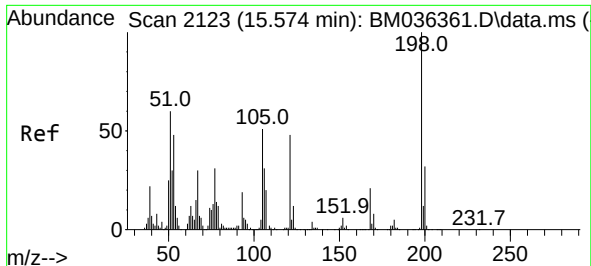
Tgt Ion:204 Resp: 422151
Ion Ratio Lower Upper
204 100
206 33.1 25.9 38.9
141 63.9 50.6 75.8



#63
4-Nitroaniline
Concen: 14.831 ng/ul
RT: 15.521 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BM036385.D
Acq: 23 Aug 2022 11:07

Tgt Ion:138 Resp: 126545
Ion Ratio Lower Upper
138 100
92 53.9 39.2 58.8
108 79.4 51.6 77.4#

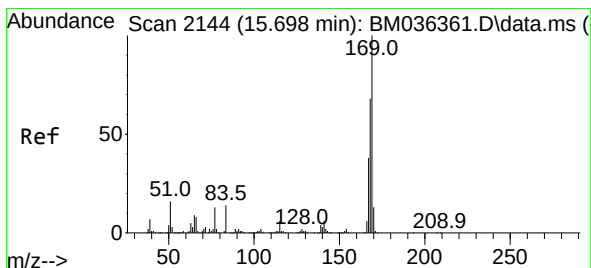
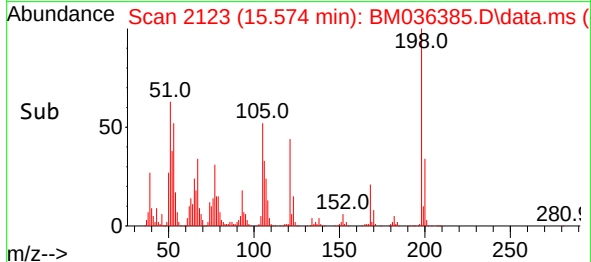
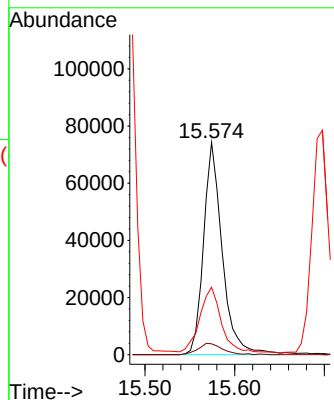
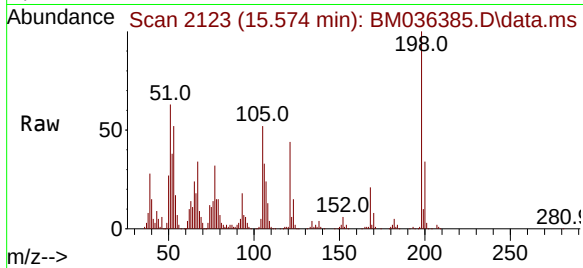




#66
 4,6-Dinitro-2-methylphenol
 Concen: 16.358 ng/ul
 RT: 15.574 min Scan# 2123
 Delta R.T. 0.000 min
 Lab File: BM036385.D
 Acq: 23 Aug 2022 11:07

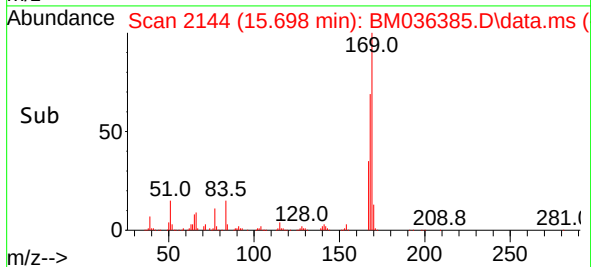
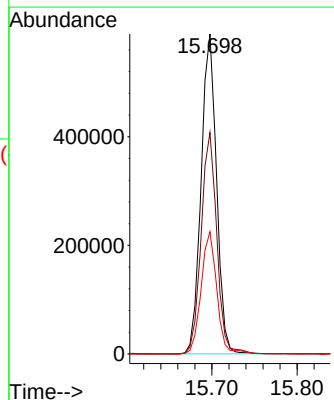
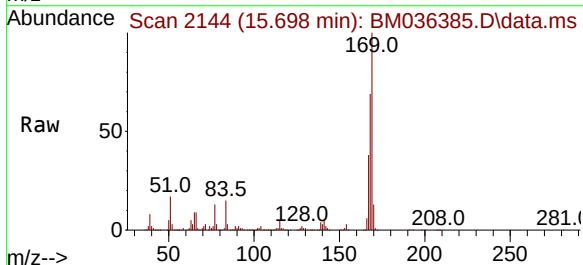
Instrument :
 BNA_M
 ClientSampleId :

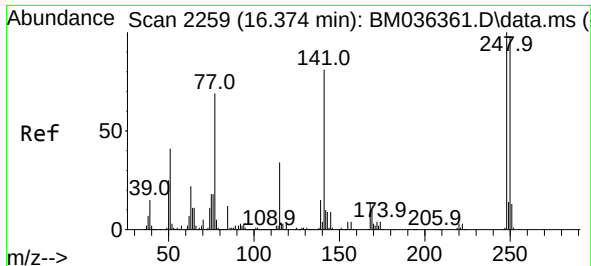
Tgt Ion:198 Resp: 107607
 Ion Ratio Lower Upper
 198 100
 182 5.1 4.2 6.4
 77 31.8 19.9 29.9#



#67
 N-Nitrosodiphenylamine
 Concen: 20.446 ng/ul
 RT: 15.698 min Scan# 2144
 Delta R.T. 0.000 min
 Lab File: BM036385.D
 Acq: 23 Aug 2022 11:07

Tgt Ion:169 Resp: 739718
 Ion Ratio Lower Upper
 169 100
 168 69.2 53.8 80.6
 167 38.2 28.7 43.1

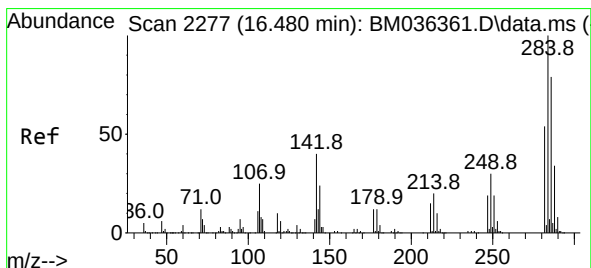
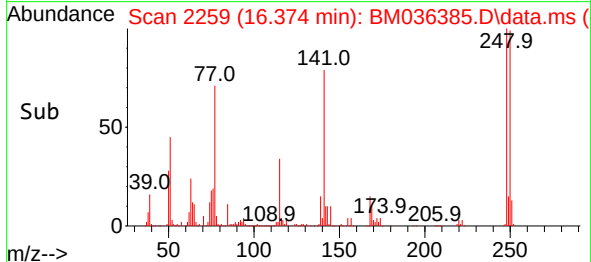
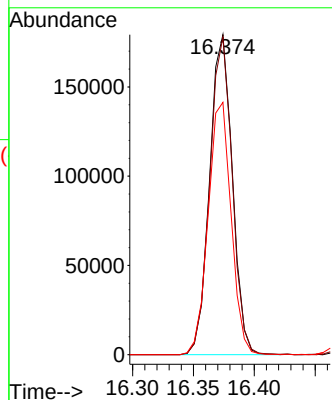
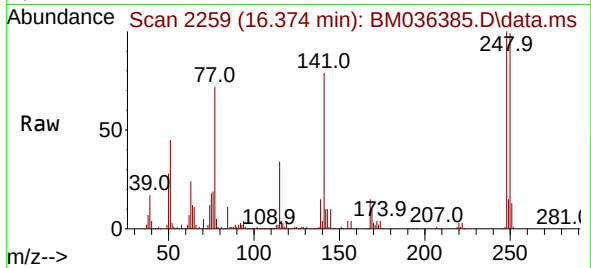




#68
4-Bromophenyl-phenylether
Concen: 19.845 ng/ul
RT: 16.374 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM036385.D
Acq: 23 Aug 2022 11:07

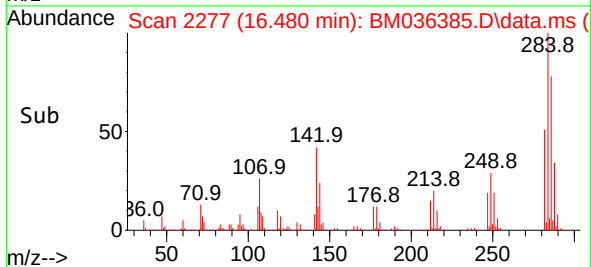
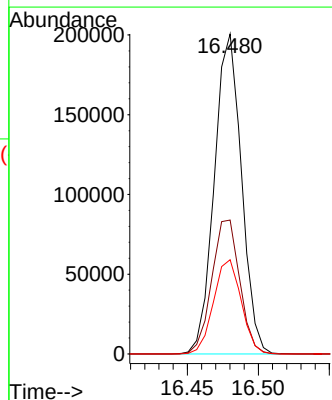
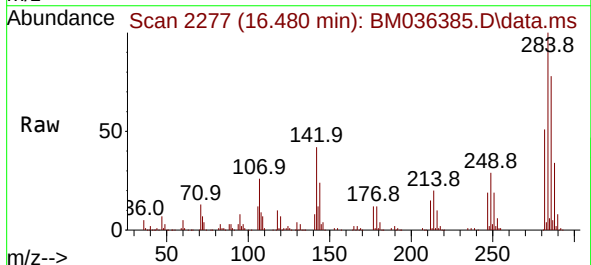
Instrument :
BNA_M
ClientSampleId :

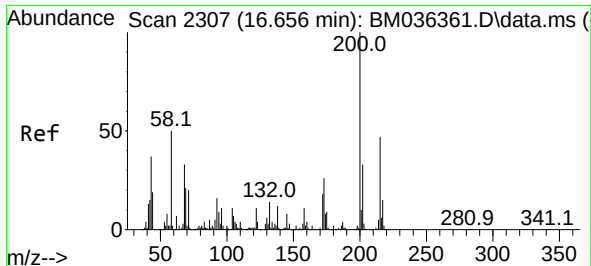
Tgt Ion:248 Resp: 232546
Ion Ratio Lower Upper
248 100
250 99.3 77.3 115.9
141 78.8 59.8 89.8



#69
Hexachlorobenzene
Concen: 18.783 ng/ul
RT: 16.480 min Scan# 2277
Delta R.T. 0.000 min
Lab File: BM036385.D
Acq: 23 Aug 2022 11:07

Tgt Ion:284 Resp: 266731
Ion Ratio Lower Upper
284 100
142 41.9 28.6 42.8
249 29.4 24.6 37.0

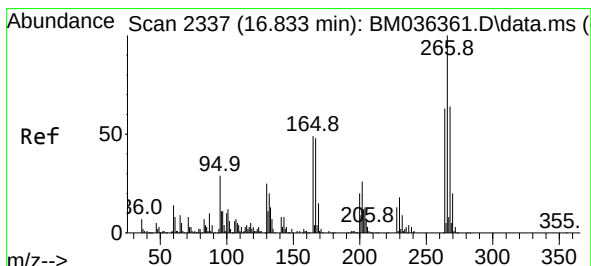
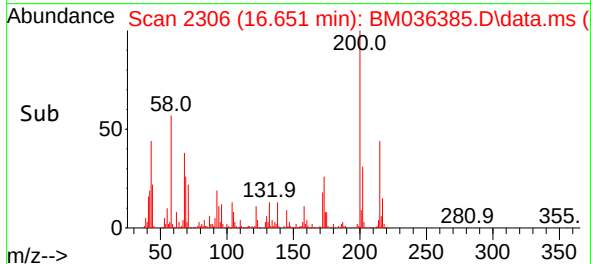
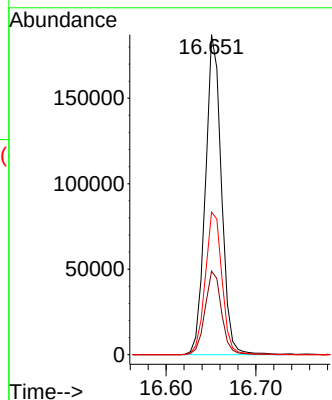
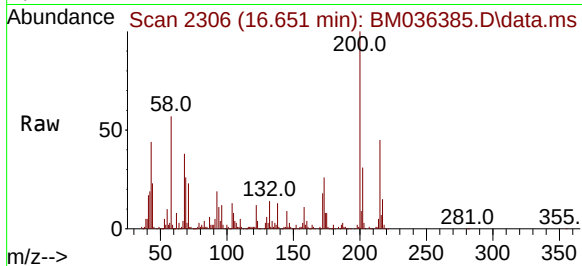




#70
 Atrazine
 Concen: 18.780 ng/ul
 RT: 16.651 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM036385.D
 Acq: 23 Aug 2022 11:07

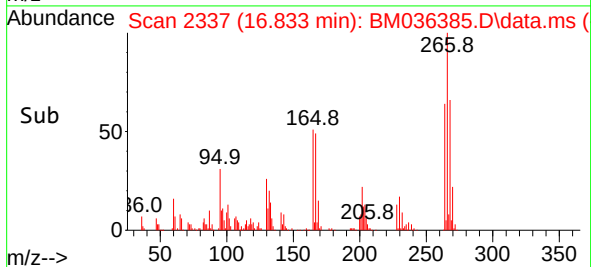
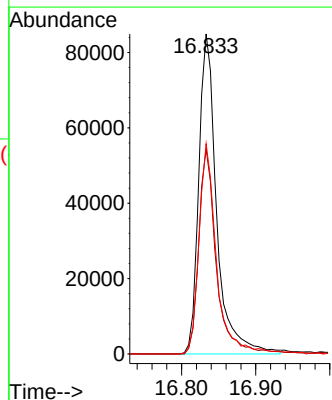
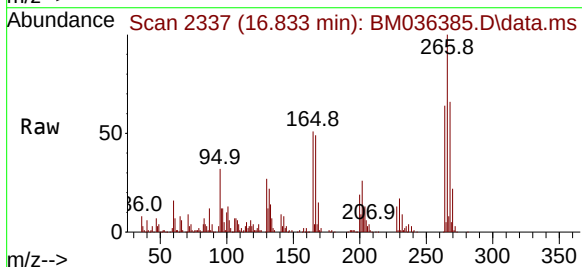
Instrument :
 BNA_M
 ClientSampleId :

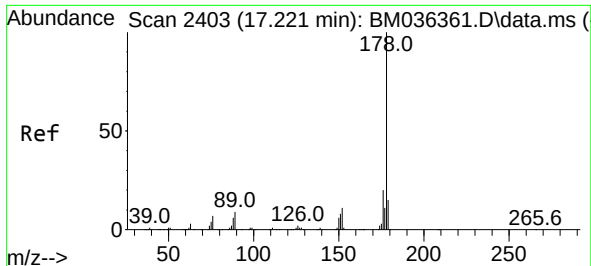
Tgt Ion:200 Resp: 232159
 Ion Ratio Lower Upper
 200 100
 173 26.1 21.3 31.9
 215 44.5 39.0 58.6



#71
 Pentachlorophenol
 Concen: 18.247 ng/ul
 RT: 16.833 min Scan# 2337
 Delta R.T. 0.000 min
 Lab File: BM036385.D
 Acq: 23 Aug 2022 11:07

Tgt Ion:266 Resp: 142852
 Ion Ratio Lower Upper
 266 100
 264 64.0 49.5 74.3
 268 65.7 51.0 76.4

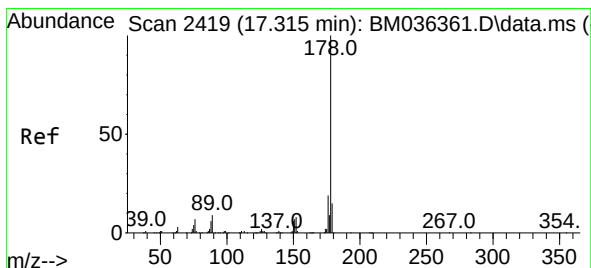
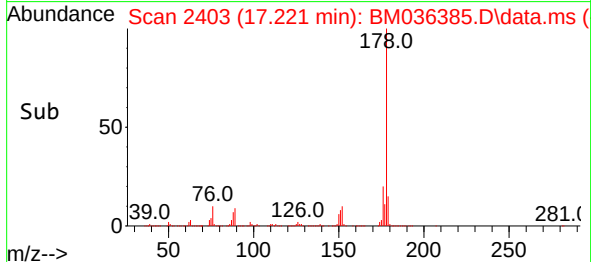
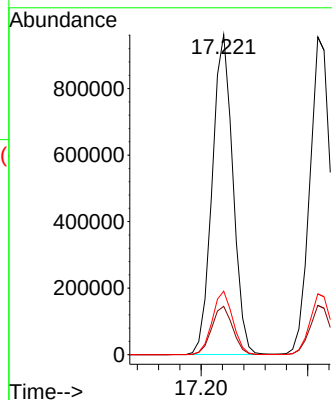
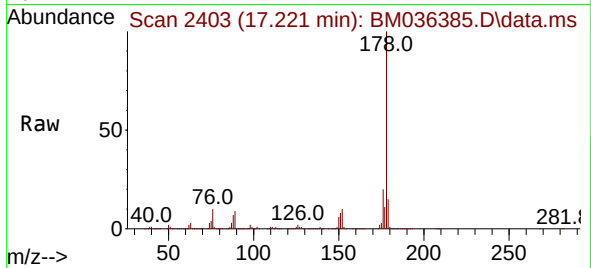




#72
Phenanthrene
Concen: 19.497 ng/ul
RT: 17.221 min Scan# 2403
Delta R.T. 0.000 min
Lab File: BM036385.D
Acq: 23 Aug 2022 11:07

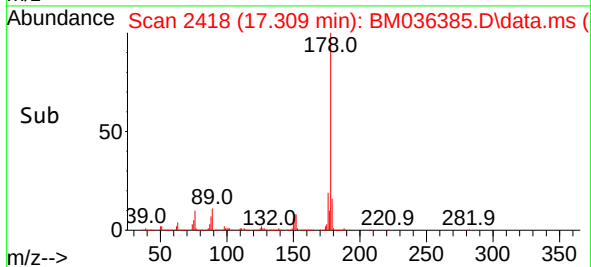
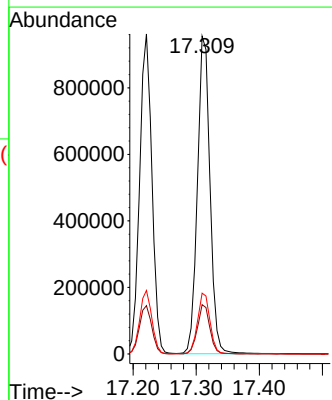
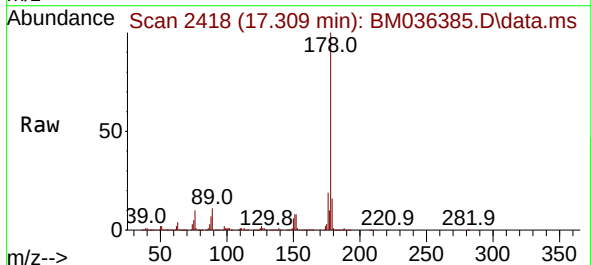
Instrument :
BNA_M
ClientSampleId :

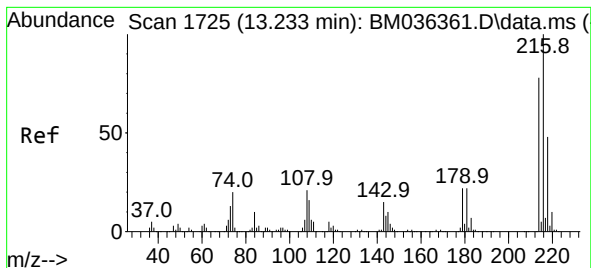
Tgt Ion:178 Resp: 1297087
Ion Ratio Lower Upper
178 100
179 15.1 12.2 18.2
176 19.8 14.9 22.3



#74
Anthracene
Concen: 19.739 ng/ul
RT: 17.309 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BM036385.D
Acq: 23 Aug 2022 11:07

Tgt Ion:178 Resp: 1316548
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.2
176 19.2 14.4 21.6

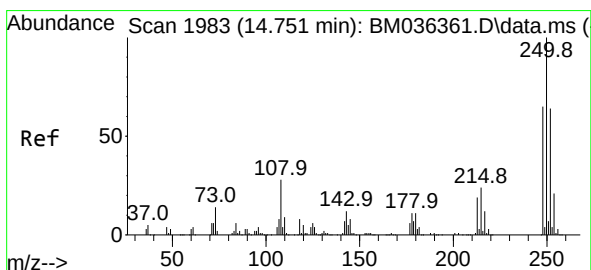
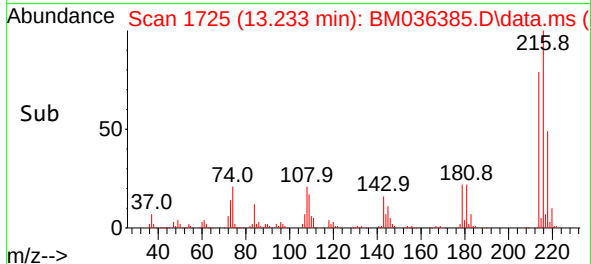
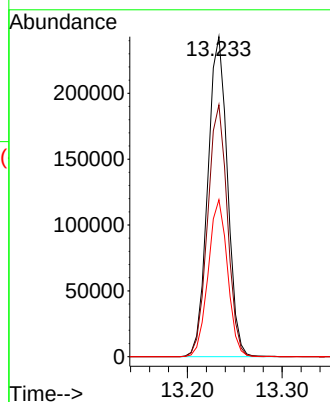
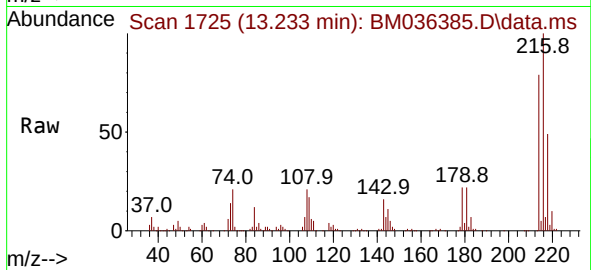




#75
1,2,3,4-Tetrachlorobenzene
Concen: 18.471 ng/uL
RT: 13.233 min Scan# 1725
Delta R.T. 0.000 min
Lab File: BM036385.D
Acq: 23 Aug 2022 11:07

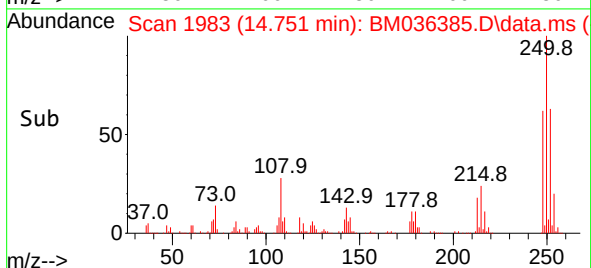
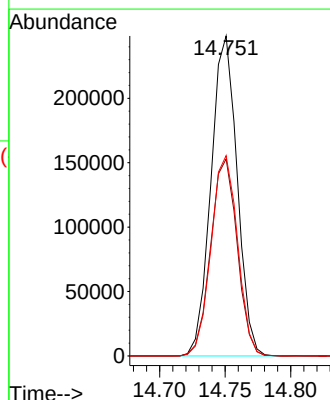
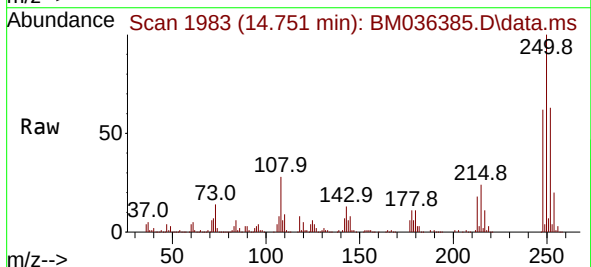
Instrument :
BNA_M
ClientSampleId :

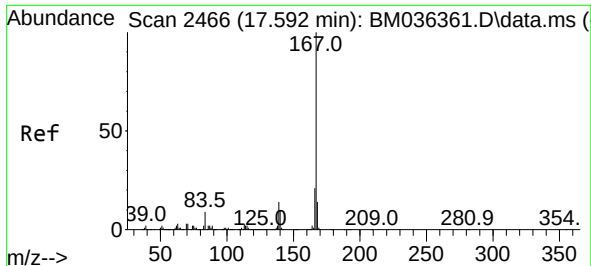
Tgt Ion:216 Resp: 350732
Ion Ratio Lower Upper
216 100
214 78.7 60.9 91.3
218 49.1 37.5 56.3



#76
Pentachlorobenzene
Concen: 19.418 ng/uL
RT: 14.751 min Scan# 1983
Delta R.T. 0.000 min
Lab File: BM036385.D
Acq: 23 Aug 2022 11:07

Tgt Ion:250 Resp: 344272
Ion Ratio Lower Upper
250 100
248 61.5 50.4 75.6
252 62.6 51.1 76.7

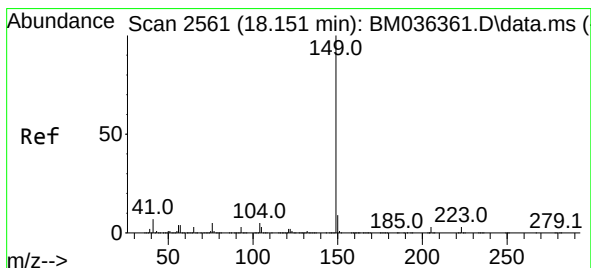
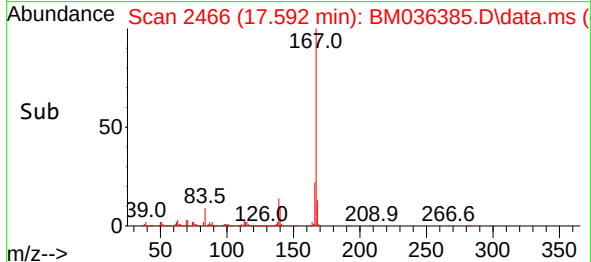
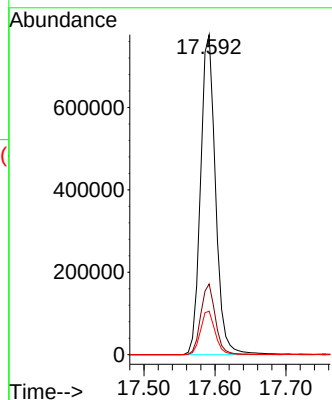
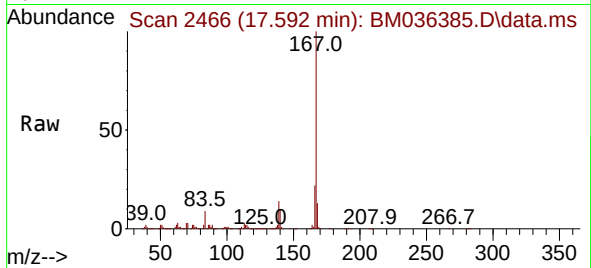




#77
 Carbazole
 Concen: 18.278 ng/ul
 RT: 17.592 min Scan# 2466
 Delta R.T. 0.000 min
 Lab File: BM036385.D
 Acq: 23 Aug 2022 11:07

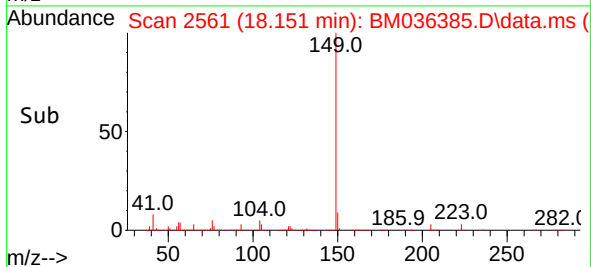
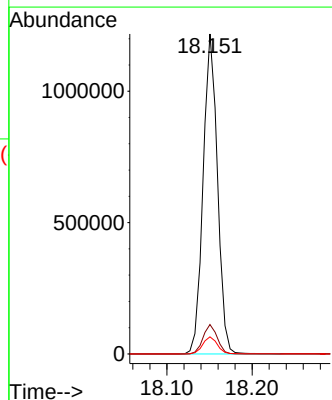
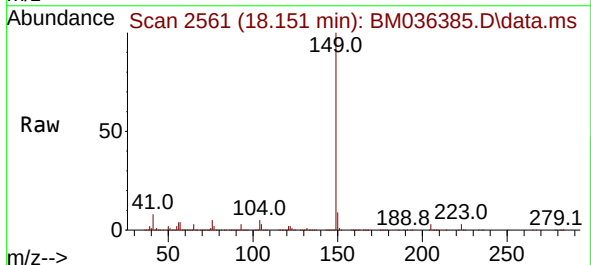
Instrument :
 BNA_M
 ClientSampleId :

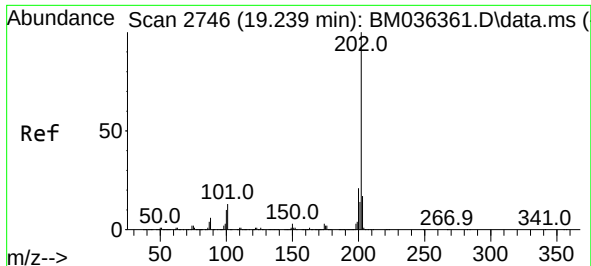
Tgt Ion:167 Resp: 1141421
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.4 26.0
 139 13.6 10.1 15.1



#78
 Di-n-butylphthalate
 Concen: 20.823 ng/ul
 RT: 18.151 min Scan# 2561
 Delta R.T. 0.000 min
 Lab File: BM036385.D
 Acq: 23 Aug 2022 11:07

Tgt Ion:149 Resp: 1422264
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 5.3 3.7 5.5

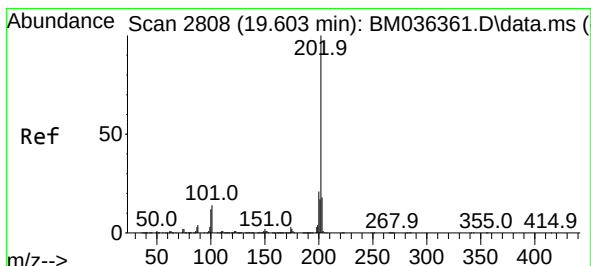
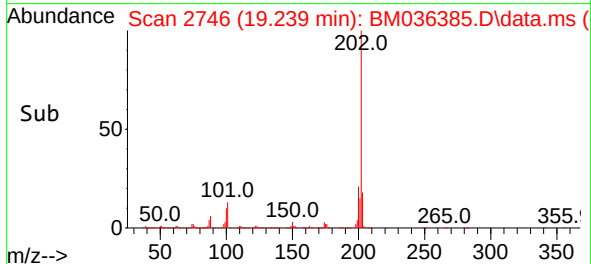
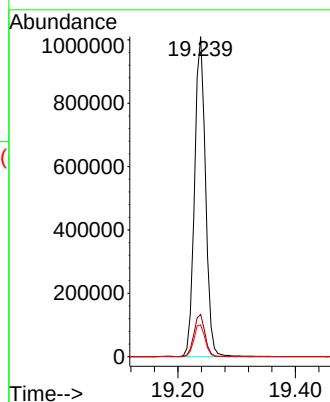
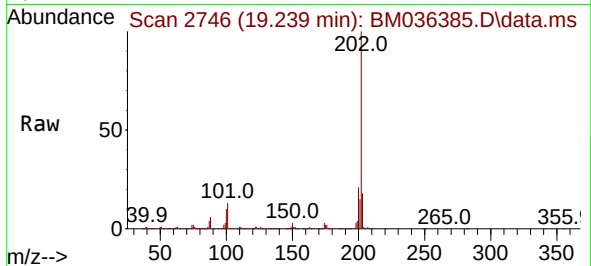




#80
 Fluoranthene
 Concen: 21.093 ng/u1
 RT: 19.239 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM036385.D
 Acq: 23 Aug 2022 11:07

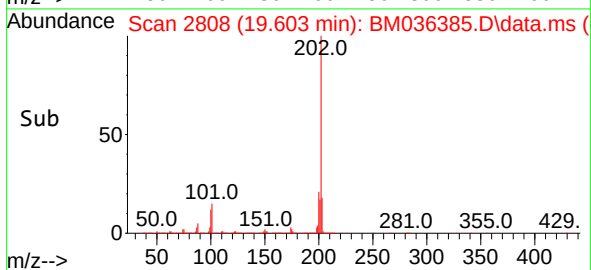
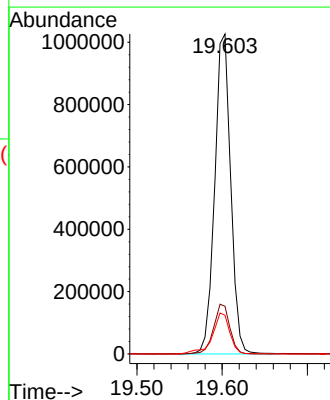
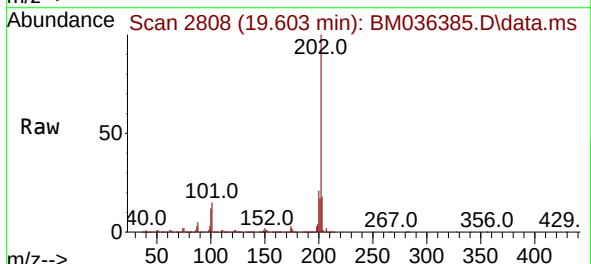
Instrument :
 BNA_M
 ClientSampleId :

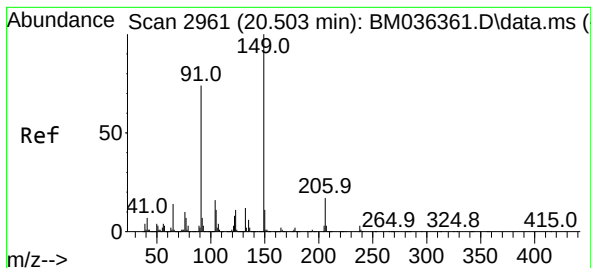
Tgt Ion:202 Resp: 1303673
 Ion Ratio Lower Upper
 202 100
 101 13.2 10.1 15.1
 100 10.0 7.8 11.6



#82
 Pyrene
 Concen: 20.794 ng/u1
 RT: 19.603 min Scan# 2808
 Delta R.T. 0.000 min
 Lab File: BM036385.D
 Acq: 23 Aug 2022 11:07

Tgt Ion:202 Resp: 1341197
 Ion Ratio Lower Upper
 202 100
 101 14.9 11.9 17.9
 100 12.1 10.2 15.4





#83

Butylbenzylphthalate

Concen: 20.732 ng/ul

RT: 20.503 min Scan# 2961

Delta R.T. 0.000 min

Lab File: BM036385.D

Acq: 23 Aug 2022 11:07

Instrument :

BNA_M

ClientSampleId :

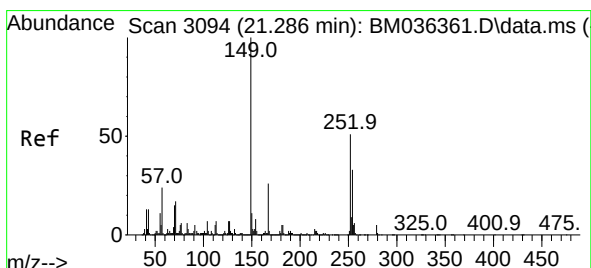
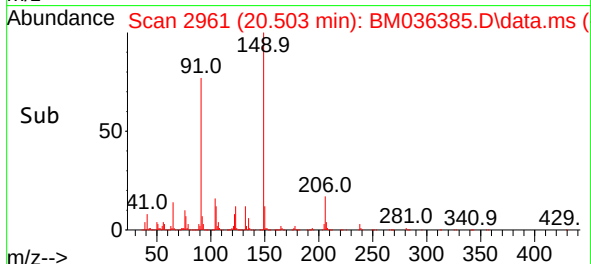
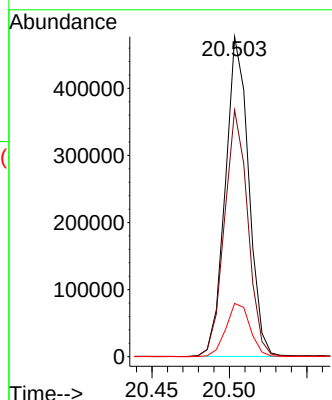
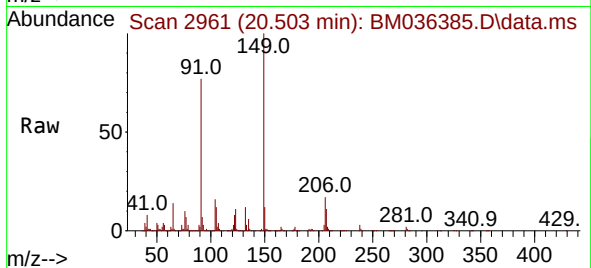
Tgt Ion:149 Resp: 500263

Ion Ratio Lower Upper

149 100

91 77.1 53.2 79.8

206 16.6 16.0 24.0



#84

3,3'-Dichlorobenzidine

Concen: 15.993 ng/ul

RT: 21.286 min Scan# 3094

Delta R.T. 0.000 min

Lab File: BM036385.D

Acq: 23 Aug 2022 11:07

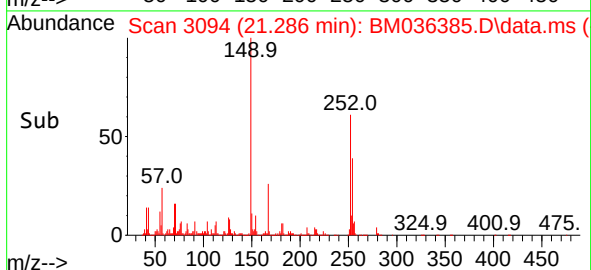
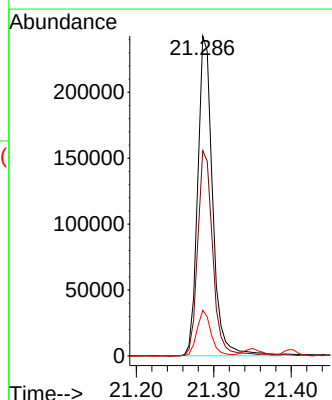
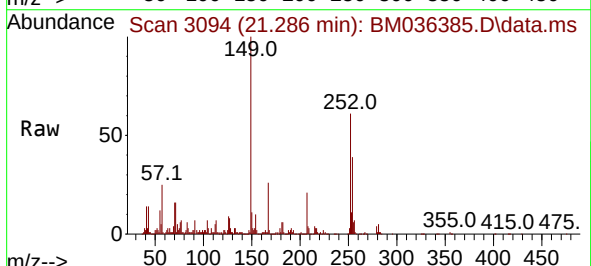
Tgt Ion:252 Resp: 324680

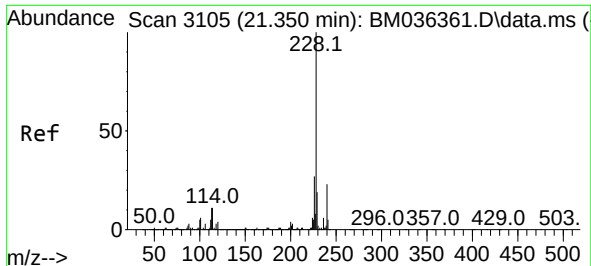
Ion Ratio Lower Upper

252 100

254 64.2 52.4 78.6

126 14.2 10.8 16.2

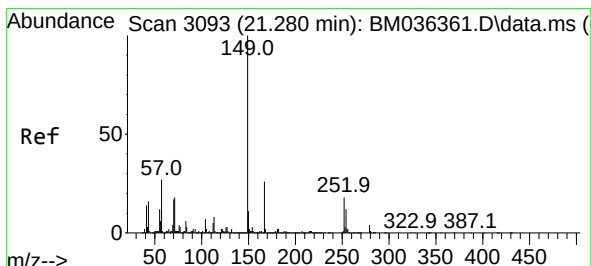
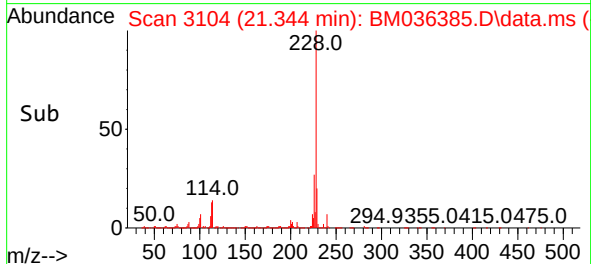
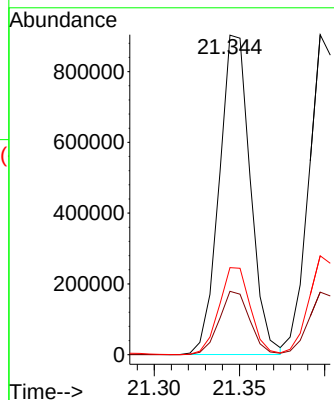
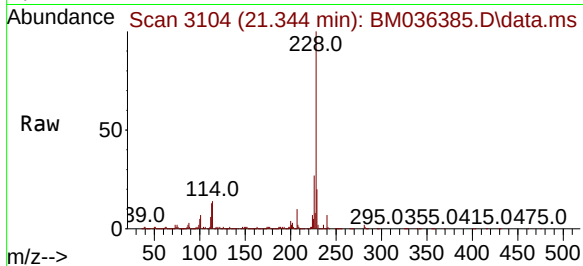




#85
Benzo(a)anthracene
Concen: 19.324 ng/ul
RT: 21.344 min Scan# 3104
Delta R.T. -0.006 min
Lab File: BM036385.D
Acq: 23 Aug 2022 11:07

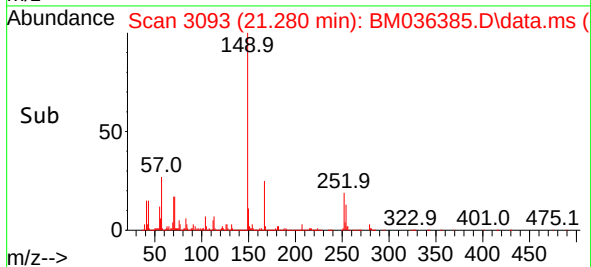
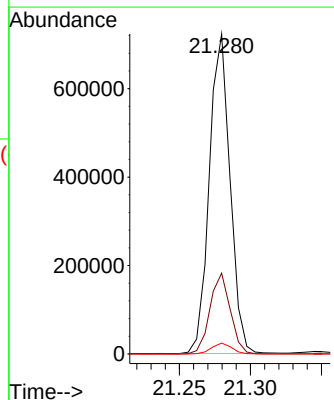
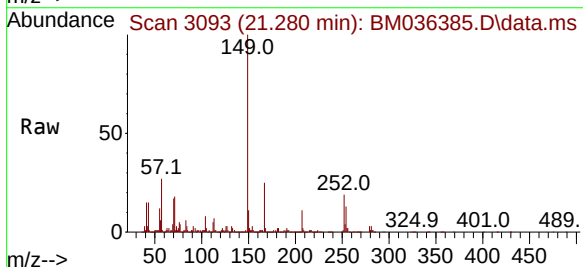
Instrument :
BNA_M
ClientSampleId :

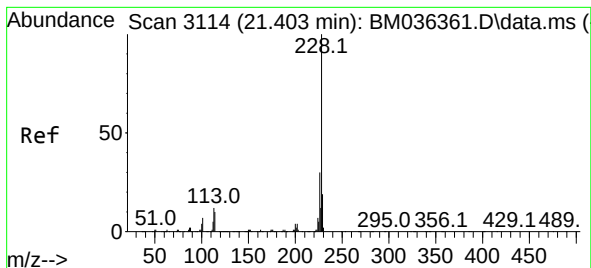
Tgt Ion:228 Resp: 1144852
Ion Ratio Lower Upper
228 100
229 19.8 15.6 23.4
226 27.3 21.7 32.5



#86
Bis(2-ethylhexyl)phthalate
Concen: 22.039 ng/ul
RT: 21.280 min Scan# 3093
Delta R.T. 0.000 min
Lab File: BM036385.D
Acq: 23 Aug 2022 11:07

Tgt Ion:149 Resp: 734235
Ion Ratio Lower Upper
149 100
167 25.3 21.5 32.3
279 3.4 3.4 5.2#





#87

Chrysene

Concen: 18.997 ng/ul

RT: 21.397 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BM036385.D

Acq: 23 Aug 2022 11:07

Instrument :

BNA_M

ClientSampleId :

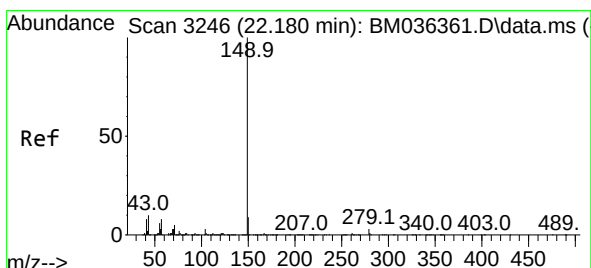
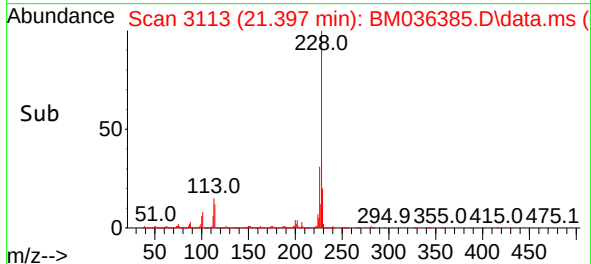
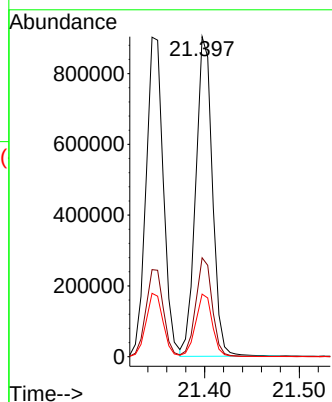
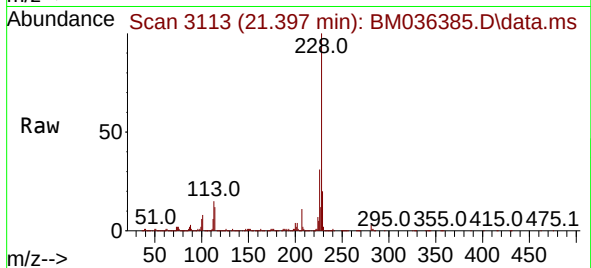
Tgt Ion:228 Resp: 1105920

Ion Ratio Lower Upper

228 100

226 30.9 23.7 35.5

229 19.6 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 20.762 ng/ul

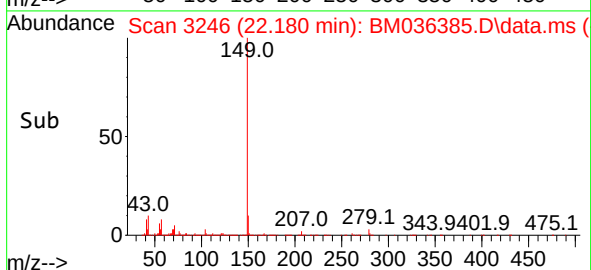
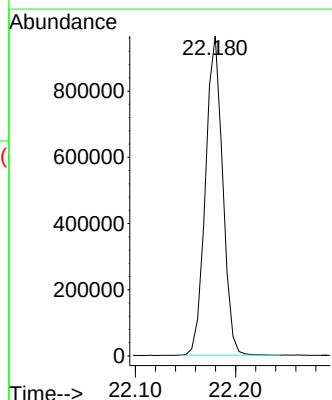
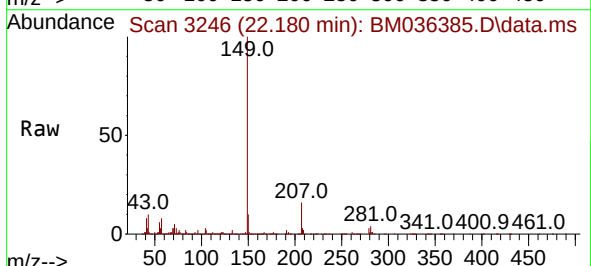
RT: 22.180 min Scan# 3246

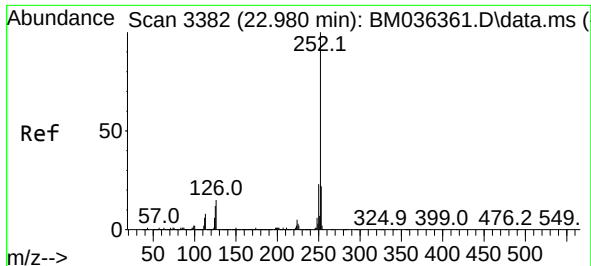
Delta R.T. 0.000 min

Lab File: BM036385.D

Acq: 23 Aug 2022 11:07

Tgt Ion:149 Resp: 1151282

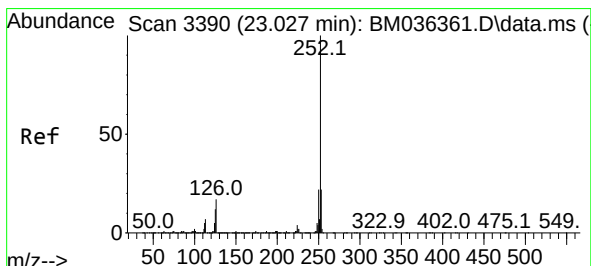
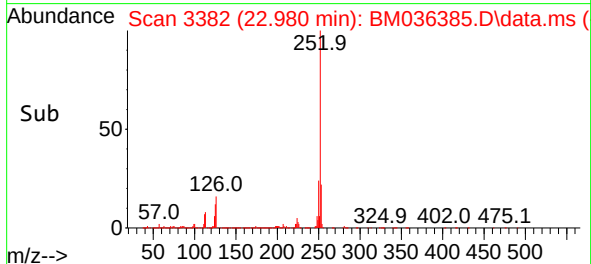
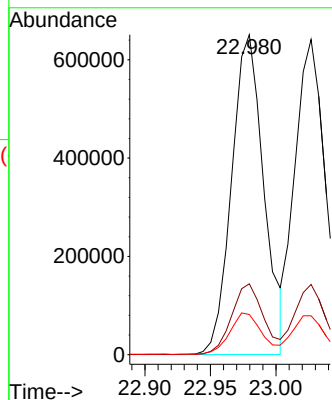
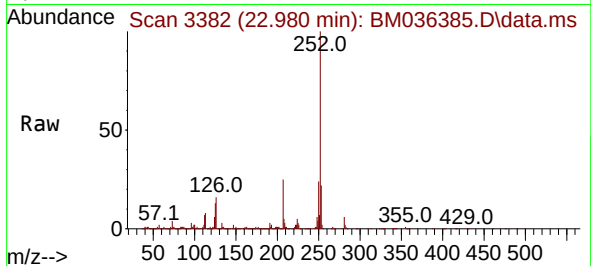




#90
Benzo(b)fluoranthene
Concen: 19.538 ng/ul
RT: 22.980 min Scan# 3382
Delta R.T. 0.000 min
Lab File: BM036385.D
Acq: 23 Aug 2022 11:07

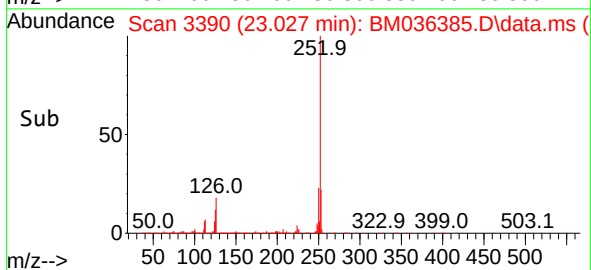
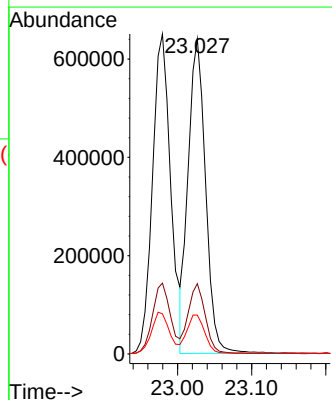
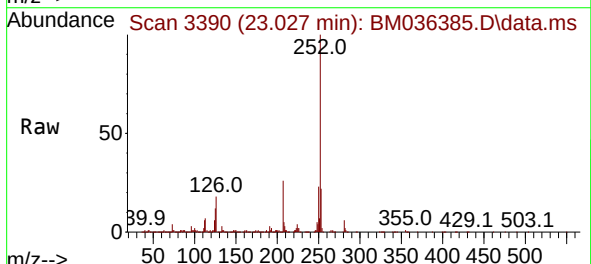
Instrument :
BNA_M
ClientSampleId :

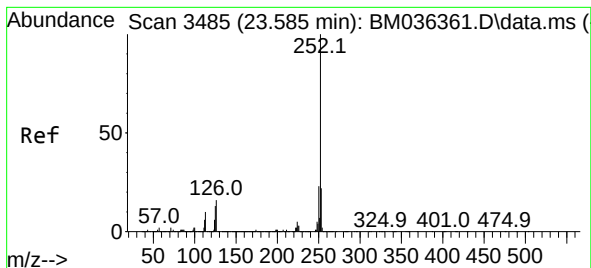
Tgt Ion:252 Resp: 1111110
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 12.5 10.7 16.1



#91
Benzo(k)fluoranthene
Concen: 19.330 ng/ul
RT: 23.027 min Scan# 3390
Delta R.T. 0.000 min
Lab File: BM036385.D
Acq: 23 Aug 2022 11:07

Tgt Ion:252 Resp: 1045847
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 12.4 10.6 15.8





#93

Benzo(a)pyrene

Concen: 19.294 ng/ul

RT: 23.585 min Scan# 34

Delta R.T. 0.000 min

Lab File: BM036385.D

Acq: 23 Aug 2022 11:07

Instrument :

BNA_M

ClientSampleId :

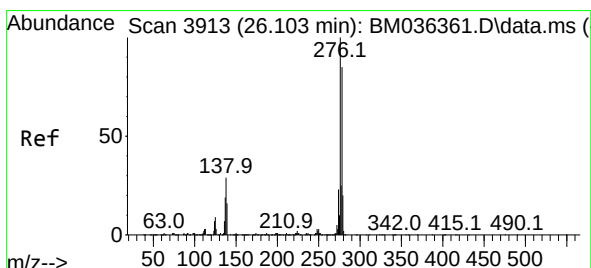
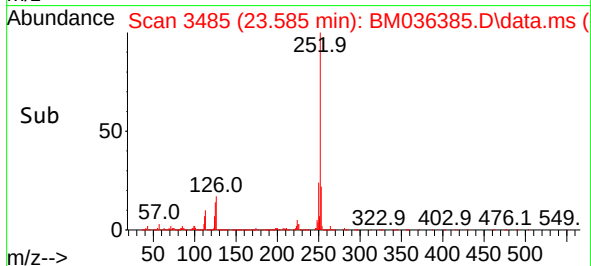
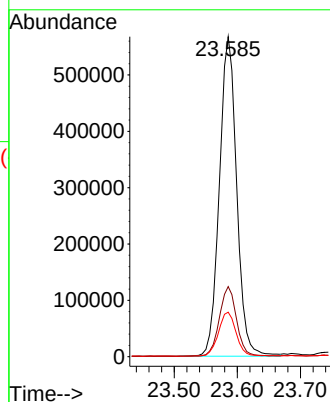
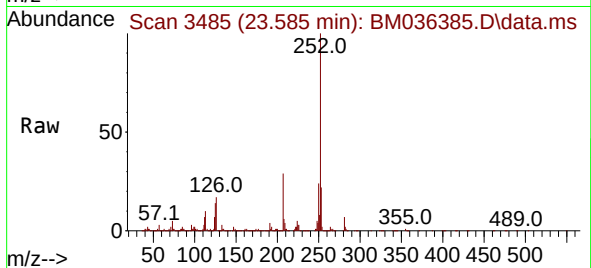
Tgt Ion:252 Resp: 1079441

Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 13.9 11.8 17.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 18.217 ng/ul

RT: 26.097 min Scan# 3912

Delta R.T. -0.006 min

Lab File: BM036385.D

Acq: 23 Aug 2022 11:07

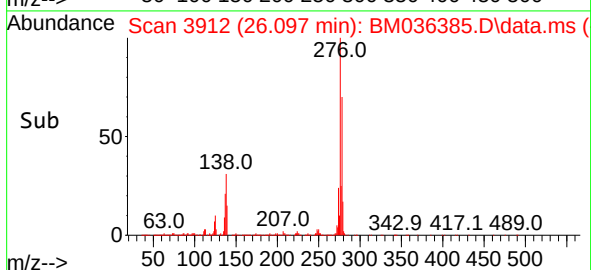
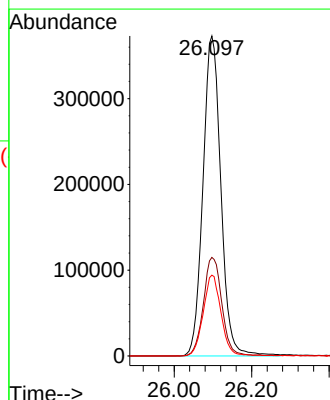
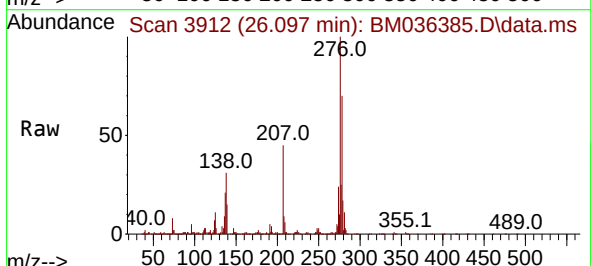
Tgt Ion:276 Resp: 1198340

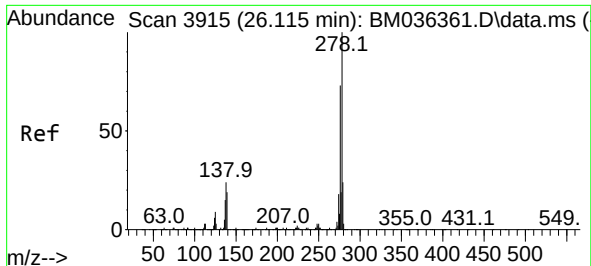
Ion Ratio Lower Upper

276 100

138 30.8 25.6 38.4

277 25.3 20.1 30.1

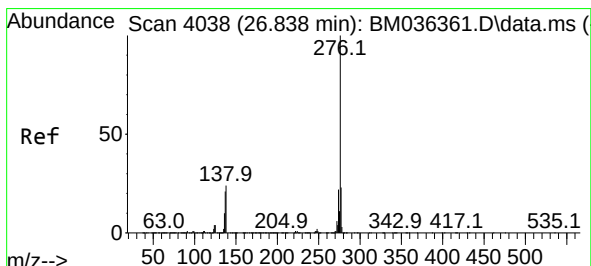
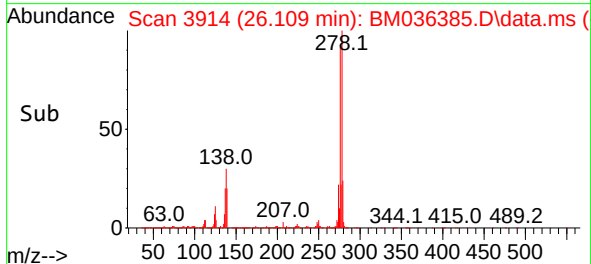
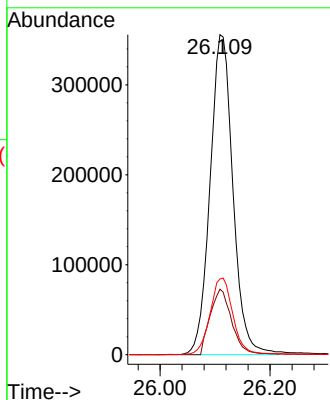
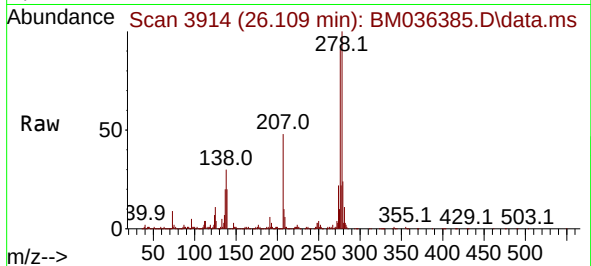




#95
 Dibenzo(a,h)anthracene
 Concen: 18.134 ng/ul
 RT: 26.109 min Scan# 3915
 Delta R.T. -0.006 min
 Lab File: BM036385.D
 Acq: 23 Aug 2022 11:07

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:278 Resp: 1027564
 Ion Ratio Lower Upper
 278 100
 139 20.5 16.2 24.2
 279 23.6 18.7 28.1



#96
 Benzo(g,h,i)perylene
 Concen: 17.955 ng/ul
 RT: 26.838 min Scan# 4038
 Delta R.T. 0.000 min
 Lab File: BM036385.D
 Acq: 23 Aug 2022 11:07

Tgt Ion:276 Resp: 1010015
 Ion Ratio Lower Upper
 276 100
 138 26.4 21.3 31.9
 277 23.7 18.6 28.0

