

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080823\
 Data File : BM041336.D
 Acq On : 08 Aug 2023 19:50
 Operator : MA/JU
 Sample : 03919-04MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-36MS

Quant Time: Aug 09 01:19:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 17:25:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	137924	20.000	ng	0.00
21) Naphthalene-d8	10.586	136	546559	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	318592	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	625181	20.000	ng	0.00
76) Chrysene-d12	21.415	240	468110	20.000	ng	0.00
86) Perylene-d12	23.780	264	511798	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	856848	92.851	ng	0.00
7) Phenol-d6	6.963	99	1091117	91.215	ng	0.00
23) Nitrobenzene-d5	8.957	82	716724	60.983	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	433815	96.268	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	1484209	58.850	ng	0.00
79) Terphenyl-d14	19.845	244	1809638	69.896	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	136946	34.690	ng	97
3) Pyridine	3.657	79	353212	34.028	ng	98
4) n-Nitrosodimethylamine	3.575	42	191047	39.796	ng	95
6) Aniline	7.116	93	381398	27.244	ng	99
8) 2-Chlorophenol	7.345	128	431019	47.843	ng	99
9) Benzaldehyde	6.928	77	211780	33.553	ng	99
10) Phenol	6.992	94	539773	46.720	ng	96
11) bis(2-Chloroethyl)ether	7.216	93	424045	45.343	ng	97
12) 1,3-Dichlorobenzene	7.663	146	466338	47.554	ng	99
13) 1,4-Dichlorobenzene	7.816	146	479270	48.624	ng	99
14) 1,2-Dichlorobenzene	8.128	146	459975	48.670	ng	99
15) Benzyl Alcohol	8.039	79	403043	53.354	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.322	45	533789	42.839	ng	95
17) 2-Methylphenol	8.239	107	360349	45.653	ng	98
18) Hexachloroethane	8.845	117	182939	49.853	ng	92
19) n-Nitroso-di-n-propyla...	8.604	70	347630	47.846	ng	98
20) 3+4-Methylphenols	8.575	107	488218	46.261	ng	95
22) Acetophenone	8.622	105	644608	44.532	ng	# 99
24) Nitrobenzene	9.004	77	516655	43.470	ng	98
25) Isophorone	9.528	82	924073	46.318	ng	99
26) 2-Nitrophenol	9.710	139	234598	50.492	ng	95
27) 2,4-Dimethylphenol	9.775	122	359755	44.002	ng	98
28) bis(2-Chloroethoxy)met...	10.010	93	557387	44.602	ng	100
29) 2,4-Dichlorophenol	10.245	162	410715	49.814	ng	99
30) 1,2,4-Trichlorobenzene	10.451	180	445776	48.936	ng	98
31) Naphthalene	10.639	128	1284264	43.300	ng	99
32) Benzoic acid	9.957	122	281523	46.168	ng	97
33) 4-Chloroaniline	10.775	127	115981	9.785	ng	98
34) Hexachlorobutadiene	10.904	225	286093	52.219	ng	99
35) Caprolactam	11.592	113	112884	47.329	ng	# 89
36) 4-Chloro-3-methylphenol	11.904	107	414050	47.712	ng	99
37) 2-Methylnaphthalene	12.257	142	874624	43.740	ng	99
38) 1-Methylnaphthalene	12.480	142	833292	44.526	ng	100
40) 1,2,4,5-Tetrachloroben...	12.627	216	493113	47.667	ng	# 98
41) Hexachlorocyclopentadiene	12.592	237	556508	101.682	ng	99
43) 2,4,6-Trichlorophenol	12.880	196	326768	49.282	ng	99

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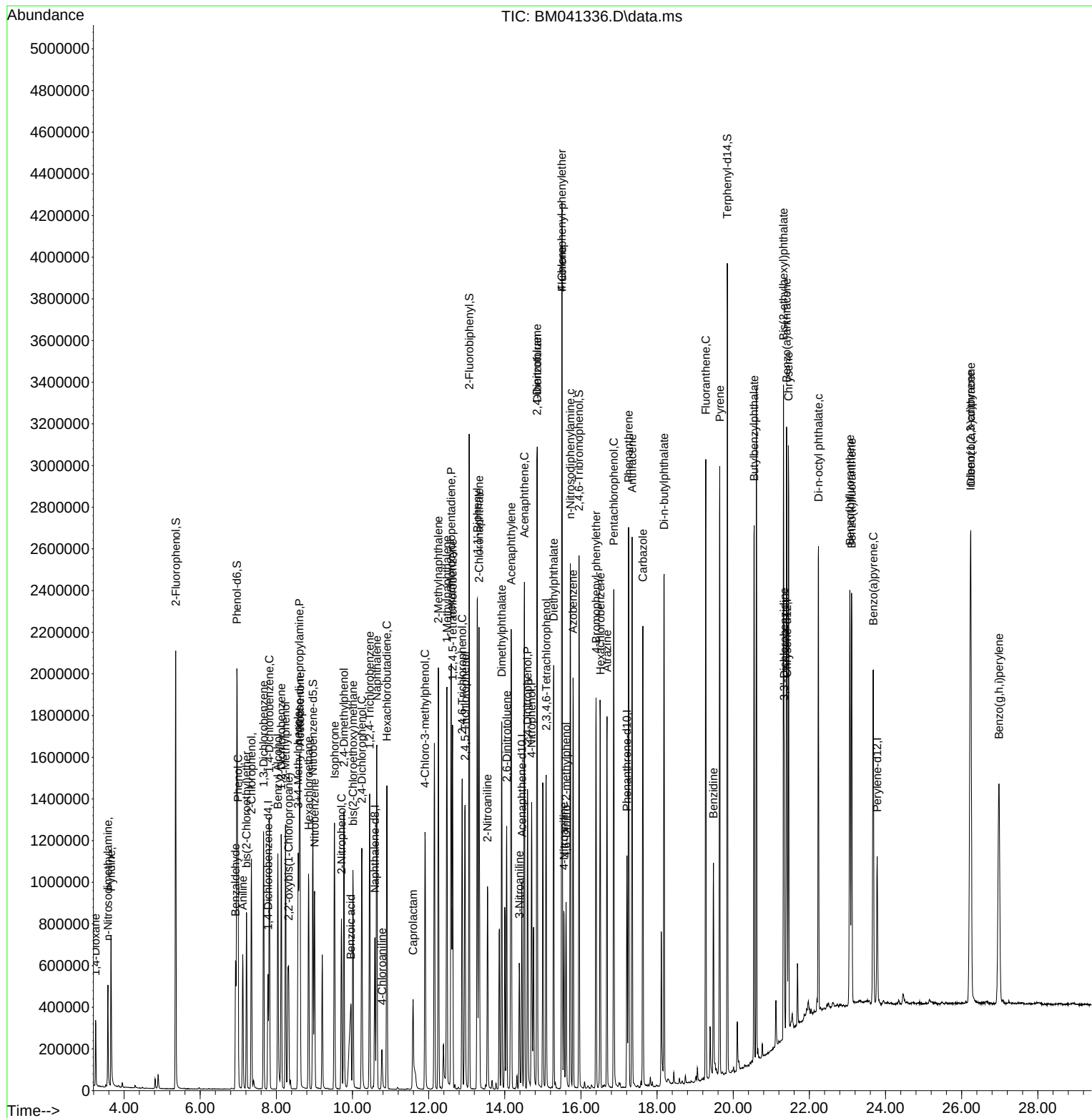
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	346298	45.124	ng	98
46) 1,1'-Biphenyl	13.280	154	1149106	44.491	ng	98
47) 2-Chloronaphthalene	13.321	162	889772	46.138	ng	99
48) 2-Nitroaniline	13.545	65	276767	44.961	ng	100
49) Acenaphthylene	14.168	152	1401815	45.035	ng	100
50) Dimethylphthalate	13.921	163	1085921	45.313	ng	99
51) 2,6-Dinitrotoluene	14.051	165	233854	47.095	ng	99
52) Acenaphthene	14.515	154	810634	43.229	ng	100
53) 3-Nitroaniline	14.380	138	145020	26.461	ng	95
54) 2,4-Dinitrophenol	14.598	184	292660	86.746	ng	95
55) Dibenzofuran	14.851	168	1318637	43.100	ng	100
56) 4-Nitrophenol	14.704	139	359807	86.943	ng	97
57) 2,4-Dinitrotoluene	14.845	165	314843	44.600	ng	95
58) Fluorene	15.504	166	1043691	43.242	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.086	232	296195	47.662	ng	96
60) Diethylphthalate	15.286	149	1063435	45.886	ng	99
61) 4-Chlorophenyl-phenyle...	15.498	204	555777	45.952	ng	100
62) 4-Nitroaniline	15.557	138	201688	38.939	ng	96
63) Azobenzene	15.792	77	1095495	43.153	ng	99
65) 4,6-Dinitro-2-methylph...	15.610	198	181422	47.903	ng	92
66) n-Nitrosodiphenylamine	15.721	169	871021	44.797	ng	99
67) 4-Bromophenyl-phenylether	16.398	248	331611	48.378	ng	99
68) Hexachlorobenzene	16.509	284	382205	50.145	ng	95
69) Atrazine	16.686	200	311747	61.053	ng	99
70) Pentachlorophenol	16.862	266	411571	77.979	ng	99
71) Phenanthrene	17.251	178	1515407	43.627	ng	99
72) Anthracene	17.345	178	1526408	44.432	ng	100
73) Carbazole	17.627	167	1326095	42.648	ng	100
74) Di-n-butylphthalate	18.186	149	1758644	50.052	ng	100
75) Fluoranthene	19.280	202	1655236	42.415	ng	98
77) Benzidine	19.480	184	606465	95.053	ng	99
78) Pyrene	19.645	202	1686876	51.530	ng	100
80) Butylbenzylphthalate	20.550	149	677989	56.714	ng	96
81) Benzo(a)anthracene	21.397	228	1463139	46.106	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	383053	36.991	ng	99
83) Chrysene	21.450	228	1327788	43.258	ng	99
84) Bis(2-ethylhexyl)phtha...	21.321	149	942203	49.544	ng	99
85) Di-n-octyl phthalate	22.238	149	1488790	49.277	ng	97
87) Indeno(1,2,3-cd)pyrene	26.232	276	1763443	46.865	ng	96
88) Benzo(b)fluoranthene	23.062	252	1397670	45.970	ng	99
89) Benzo(k)fluoranthene	23.109	252	1333461	42.876	ng	99
90) Benzo(a)pyrene	23.680	252	1231898	42.168	ng	97
91) Dibenzo(a,h)anthracene	26.238	278	1477236	47.068	ng	97
92) Benzo(g,h,i)perylene	26.979	276	1421892	46.301	ng	96

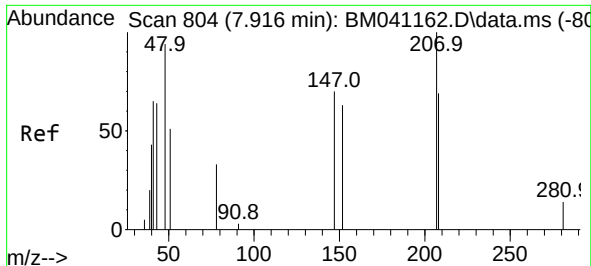
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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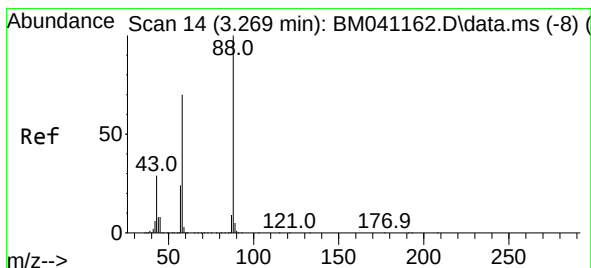
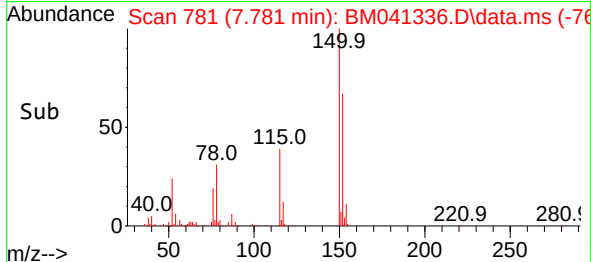
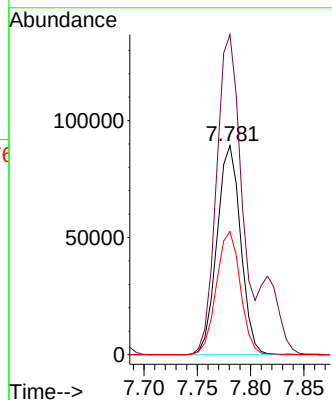
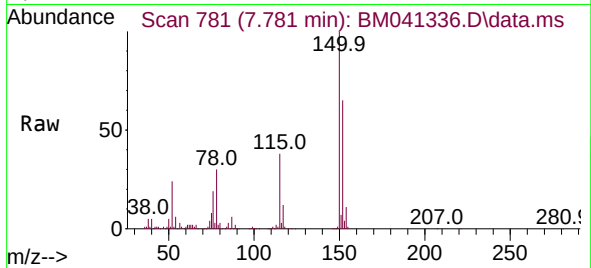




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.781 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM041336.D
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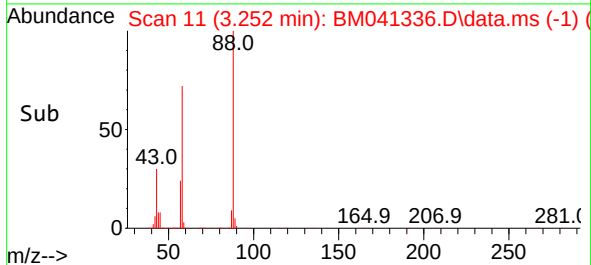
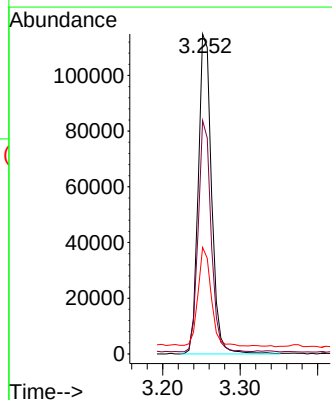
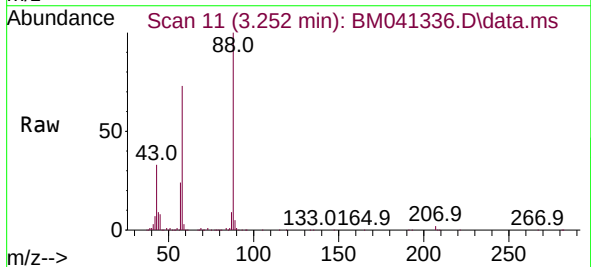
Instrument :
BNA_M
ClientSampleId :
TP-36MS

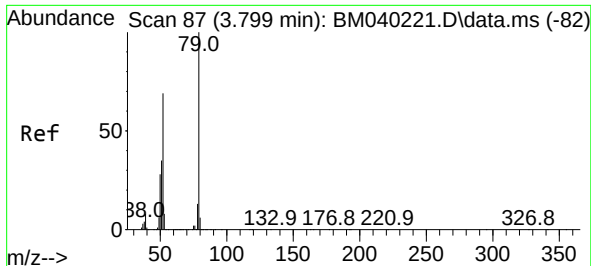
Tgt Ion:152 Resp: 137924
Ion Ratio Lower Upper
152 100
150 153.0 125.5 188.3
115 58.9 48.0 72.0



#2
1,4-Dioxane
Concen: 34.690 ng
RT: 3.252 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041336.D
Acq: 08 Aug 2023 19:50

Tgt Ion: 88 Resp: 136946
Ion Ratio Lower Upper
88 100
58 69.9 58.2 87.4
43 30.1 24.4 36.6





#3

Pyridine

Concen: 34.028 ng

RT: 3.657 min Scan# 80

Delta R.T. -0.006 min

Lab File: BM041336.D

Acq: 08 Aug 2023 19:50

Instrument :

BNA_M

ClientSampleId :

TP-36MS

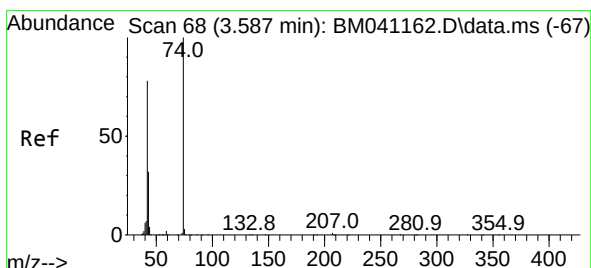
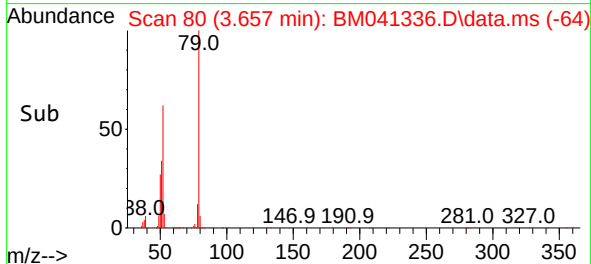
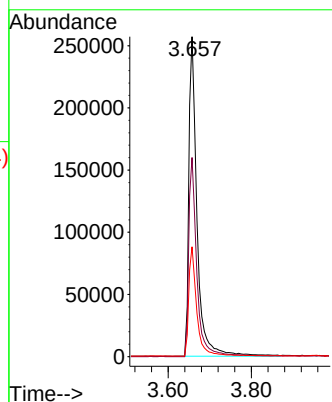
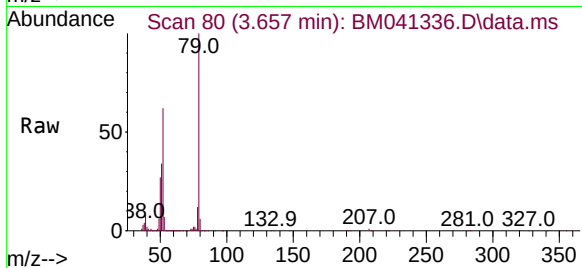
Tgt Ion: 79 Resp: 353212

Ion Ratio Lower Upper

79 100

52 62.2 52.1 78.1

51 34.3 27.5 41.3



#4

n-Nitrosodimethylamine

Concen: 39.796 ng

RT: 3.575 min Scan# 66

Delta R.T. -0.006 min

Lab File: BM041336.D

Acq: 08 Aug 2023 19:50

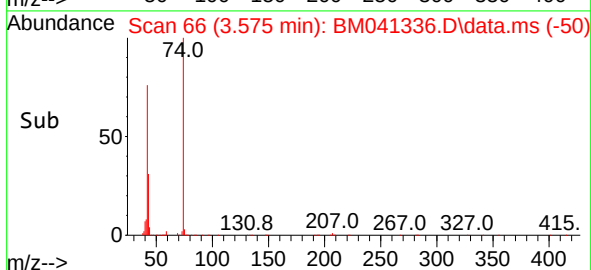
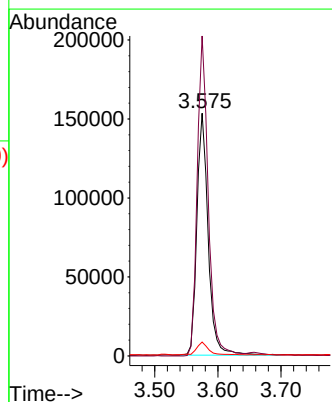
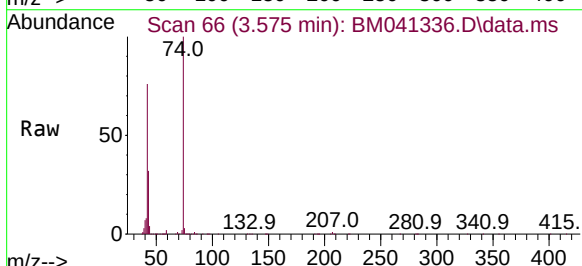
Tgt Ion: 42 Resp: 191047

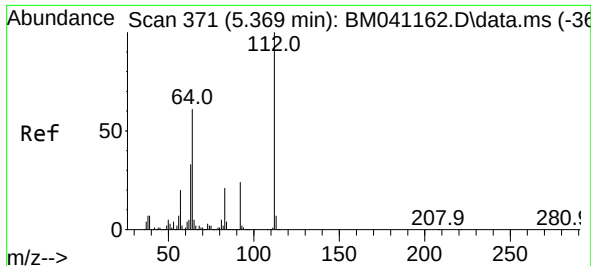
Ion Ratio Lower Upper

42 100

74 131.9 100.8 151.2

44 5.7 5.0 7.4

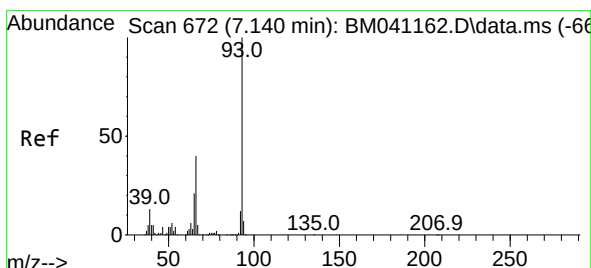
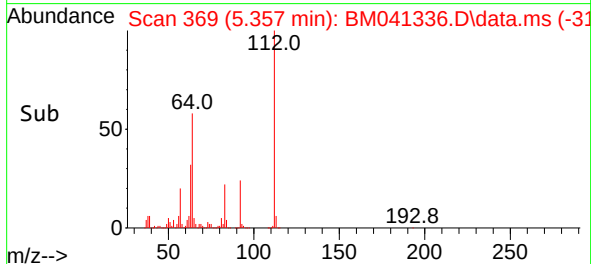
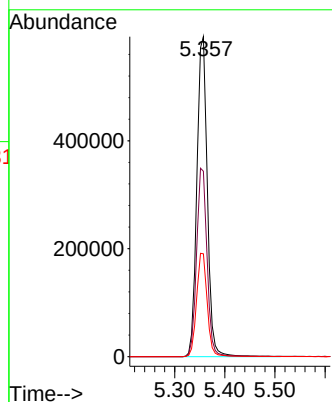
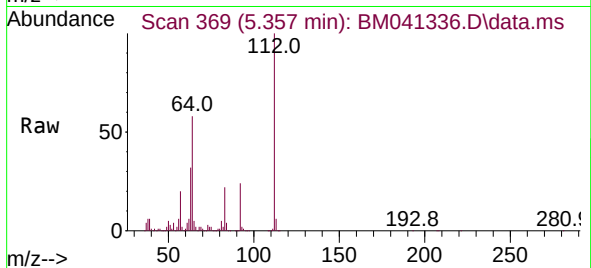




#5
2-Fluorophenol
Concen: 92.851 ng
RT: 5.357 min Scan# 369
Delta R.T. -0.000 min
Lab File: BM041336.D
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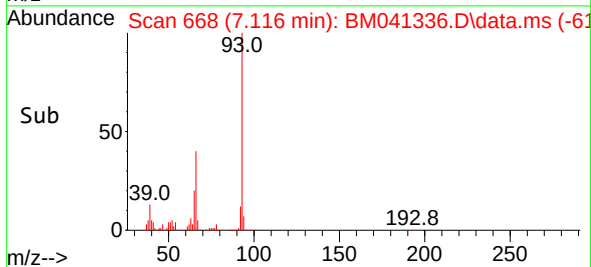
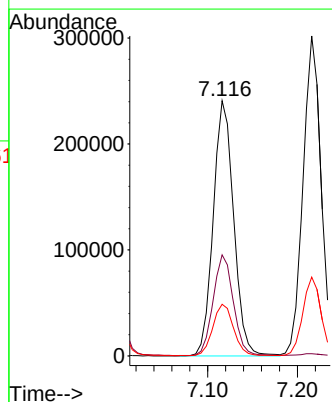
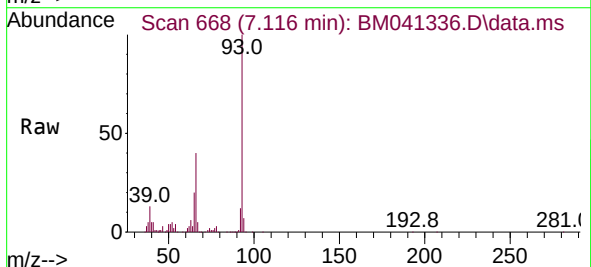
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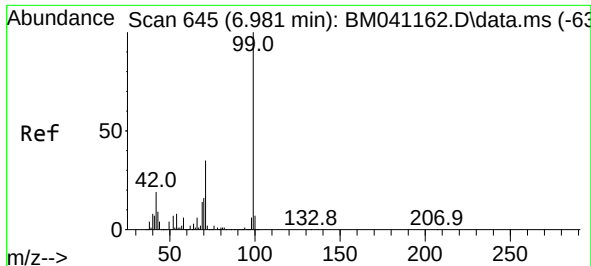
Tgt Ion:112 Resp: 856848
Ion Ratio Lower Upper
112 100
64 57.9 48.5 72.7
63 32.1 26.5 39.7



#6
Aniline
Concen: 27.244 ng
RT: 7.116 min Scan# 668
Delta R.T. -0.006 min
Lab File: BM041336.D
Acq: 08 Aug 2023 19:50

Tgt Ion: 93 Resp: 381398
Ion Ratio Lower Upper
93 100
66 39.6 32.0 48.0
65 20.3 16.6 24.8

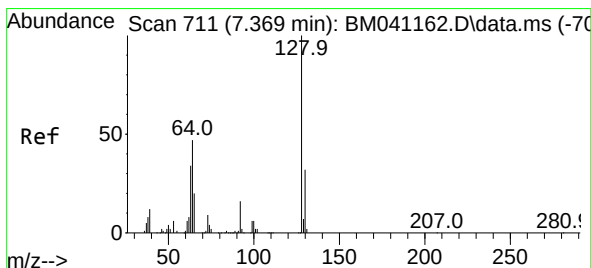
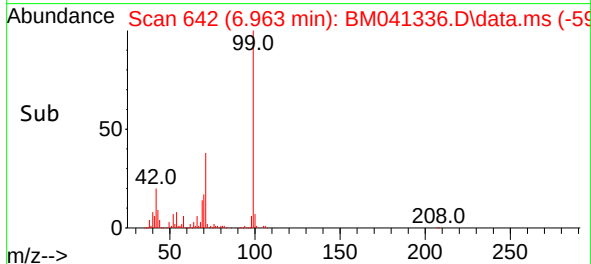
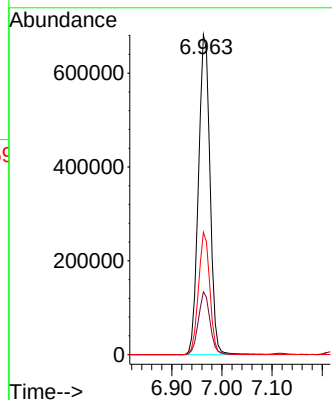
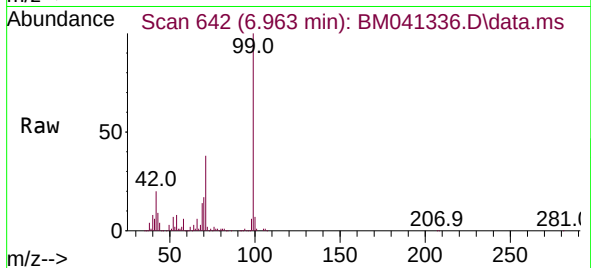




#7
Phenol-d6
Concen: 91.215 ng
RT: 6.963 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM041336.D
Acq: 08 Aug 2023 19:50

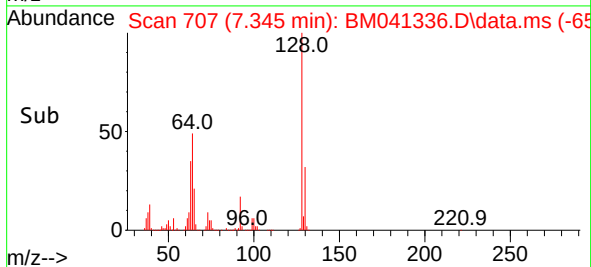
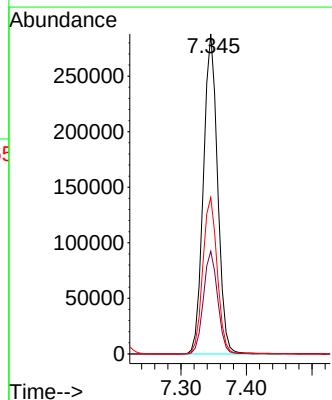
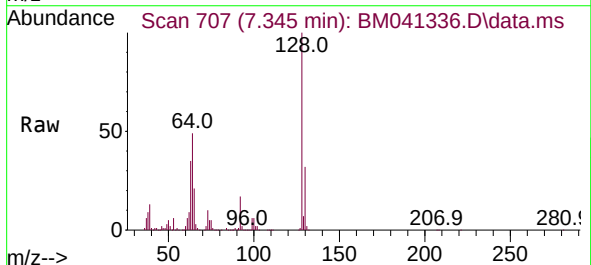
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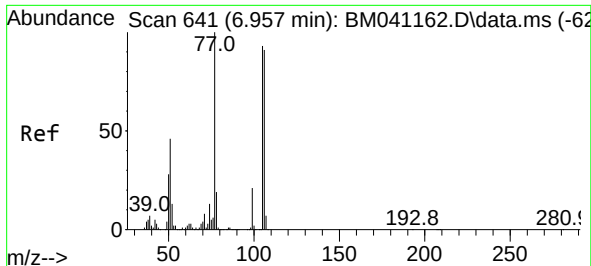
Tgt Ion: 99 Resp: 1091117
Ion Ratio Lower Upper
99 100
42 19.6 15.4 23.0
71 38.2 28.2 42.4



#8
2-Chlorophenol
Concen: 47.843 ng
RT: 7.345 min Scan# 707
Delta R.T. -0.006 min
Lab File: BM041336.D
Acq: 08 Aug 2023 19:50

Tgt Ion: 128 Resp: 431019
Ion Ratio Lower Upper
128 100
130 32.1 12.3 52.3
64 48.9 29.3 69.3

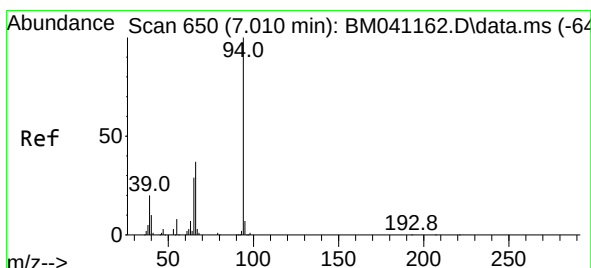
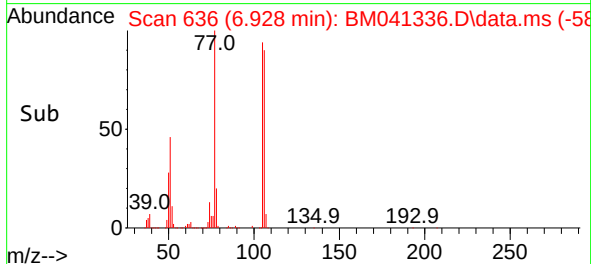
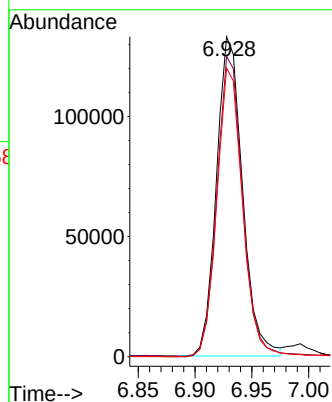
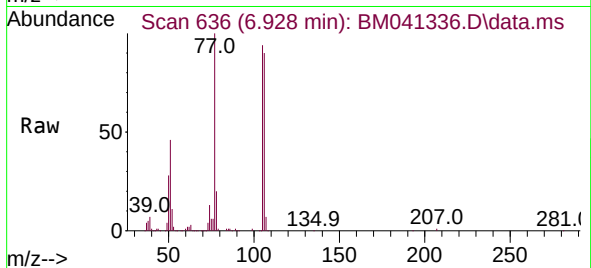




#9
Benzaldehyde
Concen: 33.553 ng
RT: 6.928 min Scan# 641
Delta R.T. -0.006 min
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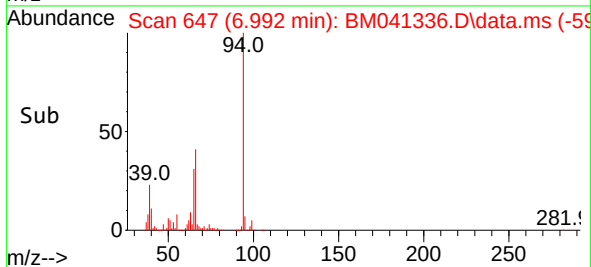
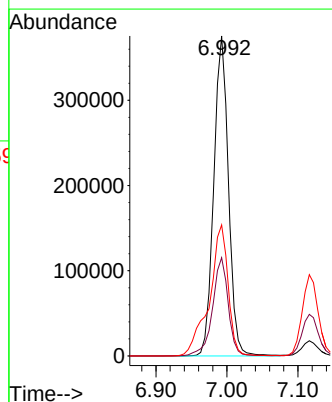
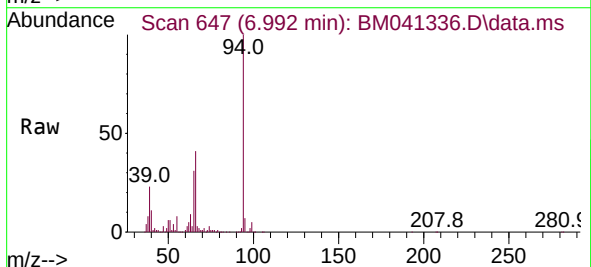
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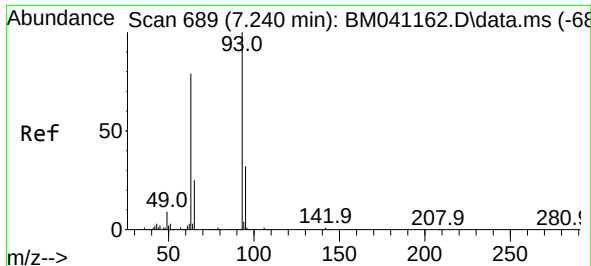
Tgt Ion: 77 Resp: 211780
Ion Ratio Lower Upper
77 100
105 93.8 72.8 112.8
106 90.2 70.8 110.8



#10
Phenol
Concen: 46.720 ng
RT: 6.992 min Scan# 647
Delta R.T. -0.006 min
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Tgt Ion: 94 Resp: 539773
Ion Ratio Lower Upper
94 100
65 30.7 9.5 49.5
66 40.9 18.0 58.0

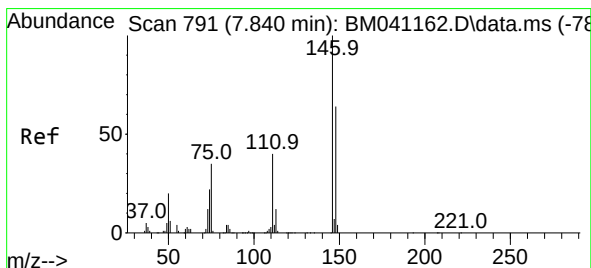
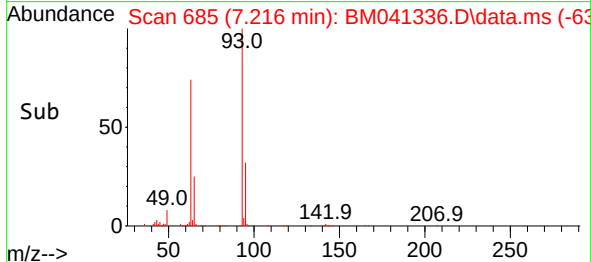
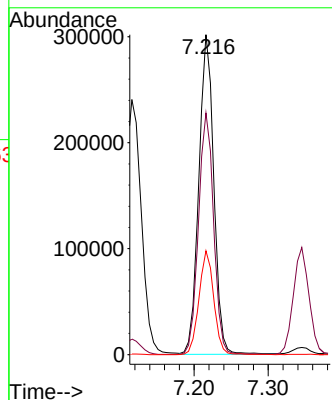
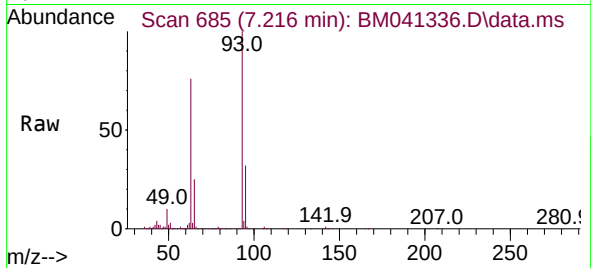




#11
bis(2-Chloroethyl)ether
Concen: 45.343 ng
RT: 7.216 min Scan# 685
Delta R.T. -0.006 min
Lab File: BM041336.D
Acq: 08 Aug 2023 19:50

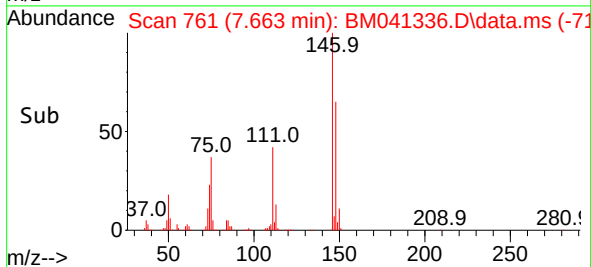
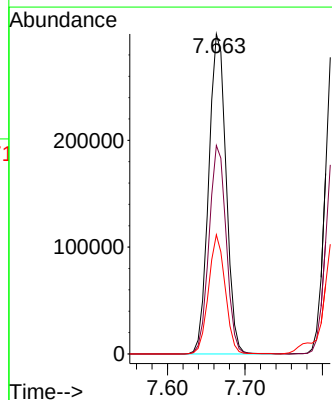
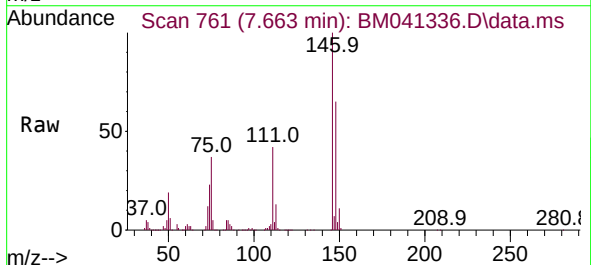
Instrument :
BNA_M
ClientSampleId :
TP-36MS

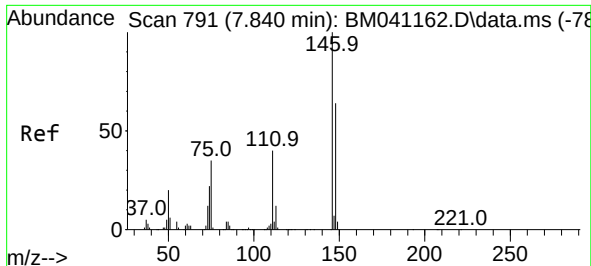
Tgt Ion: 93 Resp: 424045
Ion Ratio Lower Upper
93 100
63 75.5 58.8 98.8
95 32.4 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 47.554 ng
RT: 7.663 min Scan# 761
Delta R.T. -0.006 min
Lab File: BM041336.D
Acq: 08 Aug 2023 19:50

Tgt Ion: 146 Resp: 466338
Ion Ratio Lower Upper
146 100
148 65.1 51.9 77.9
75 37.2 28.3 42.5

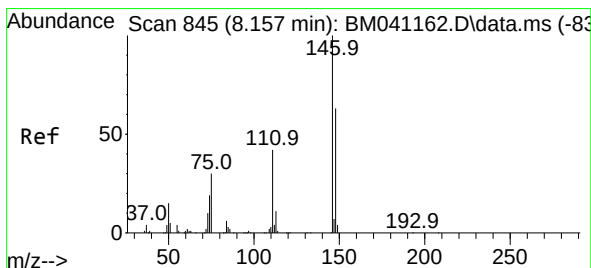
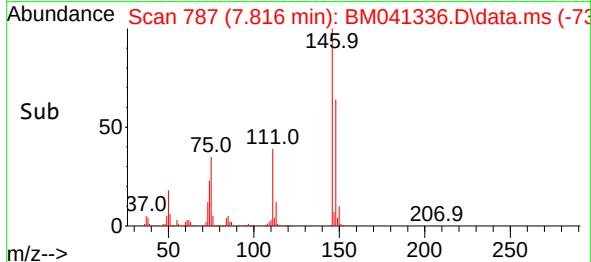
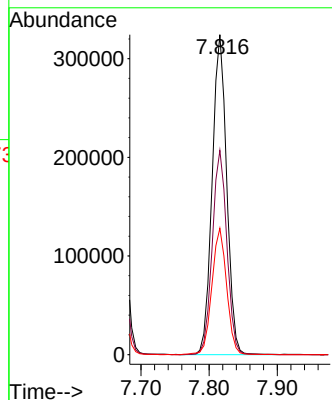
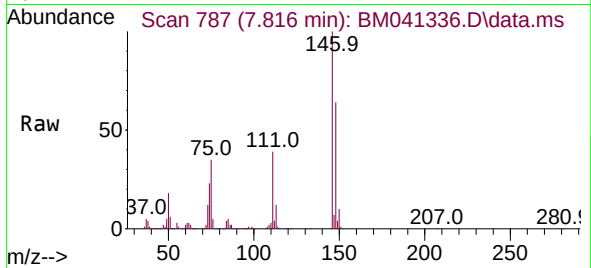




#13
1,4-Dichlorobenzene
Concen: 48.624 ng
RT: 7.816 min Scan# 781
Delta R.T. -0.006 min
Lab File: BM041336.D
Acq: 08 Aug 2023 19:50

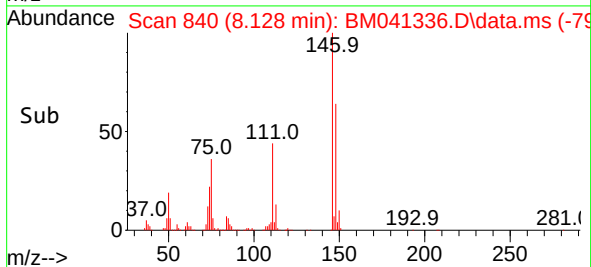
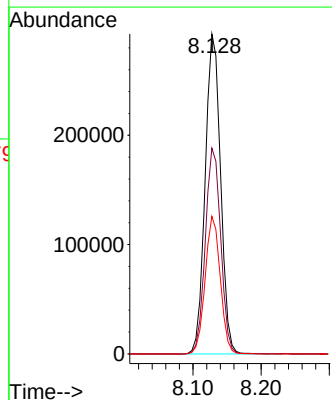
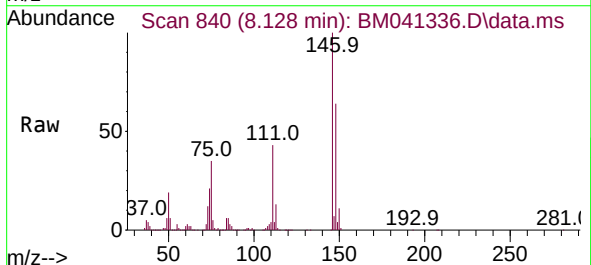
Instrument :
BNA_M
ClientSampleId :
TP-36MS

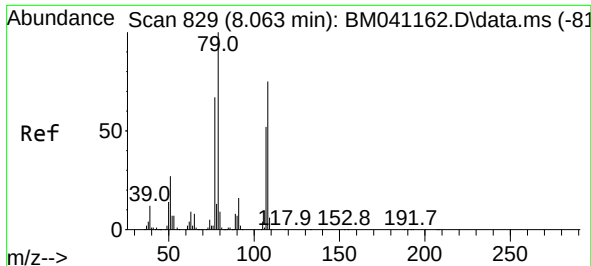
Tgt Ion:146 Resp: 479270
Ion Ratio Lower Upper
146 100
148 63.8 51.4 77.0
111 39.5 32.4 48.6



#14
1,2-Dichlorobenzene
Concen: 48.670 ng
RT: 8.128 min Scan# 840
Delta R.T. -0.006 min
Lab File: BM041336.D
Acq: 08 Aug 2023 19:50

Tgt Ion:146 Resp: 459975
Ion Ratio Lower Upper
146 100
148 64.3 50.9 76.3
111 43.0 33.8 50.6

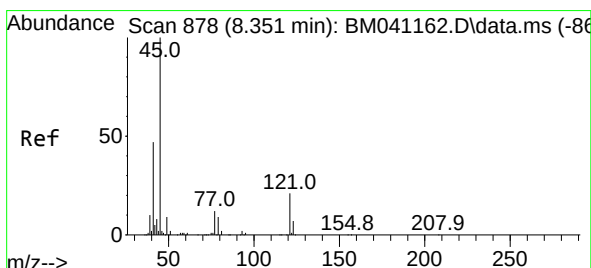
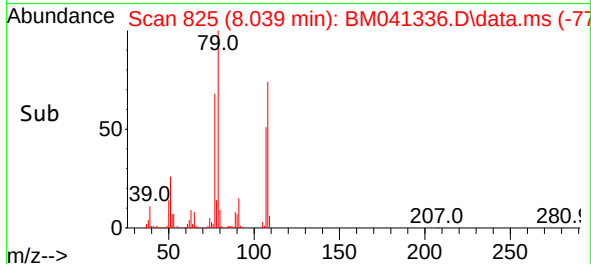
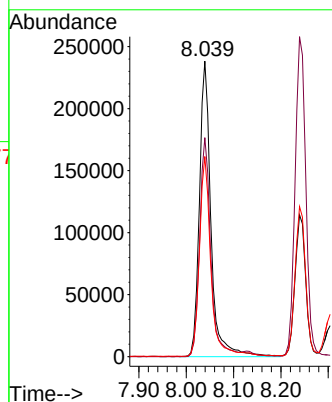
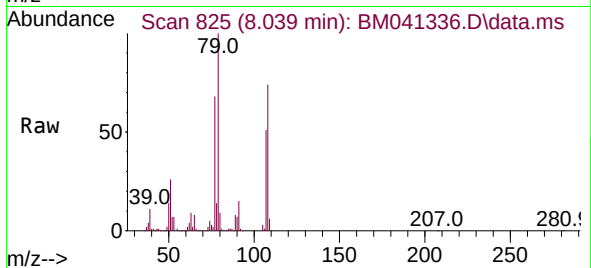




#15
Benzyl Alcohol
Concen: 53.354 ng
RT: 8.039 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM041336.D
Acq: 08 Aug 2023 19:50

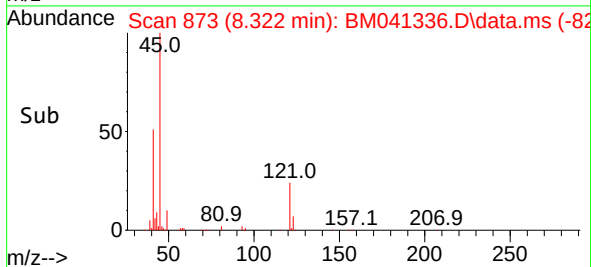
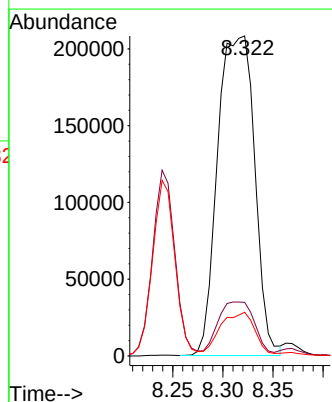
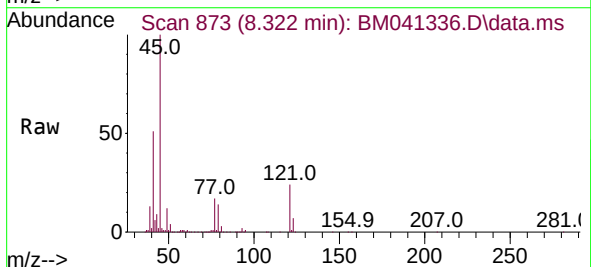
Instrument :
BNA_M
ClientSampleId :
TP-36MS

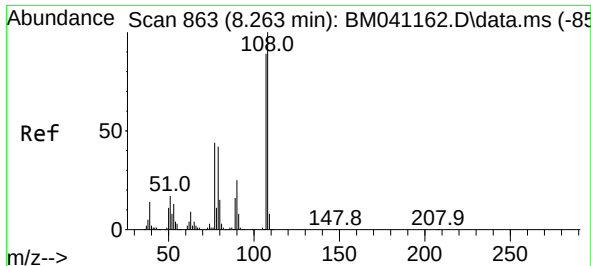
Tgt Ion: 79 Resp: 403043
Ion Ratio Lower Upper
79 100
108 74.1 59.8 89.8
77 67.7 53.8 80.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.839 ng
RT: 8.322 min Scan# 873
Delta R.T. -0.006 min
Lab File: BM041336.D
Acq: 08 Aug 2023 19:50

Tgt Ion: 45 Resp: 533789
Ion Ratio Lower Upper
45 100
77 16.7 0.0 34.5
79 13.6 0.0 32.1





#17

2-Methylphenol

Concen: 45.653 ng

RT: 8.239 min Scan# 81

Delta R.T. -0.006 min

Lab File: BM041336.D

Acq: 08 Aug 2023 19:50

Instrument :

BNA_M

ClientSampleId :

TP-36MS

Tgt Ion:107 Resp: 360349

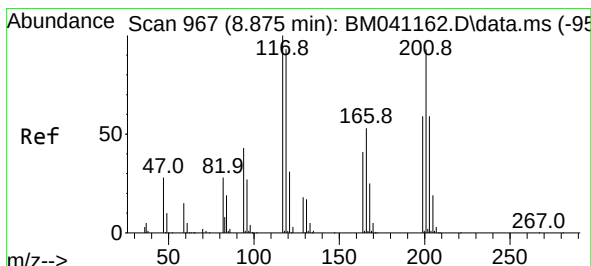
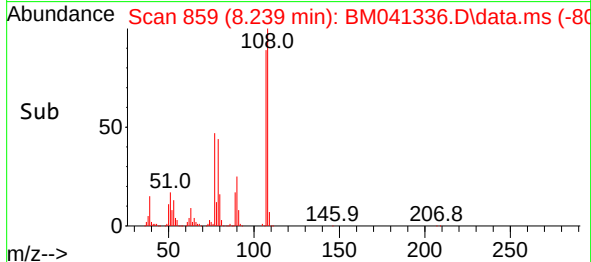
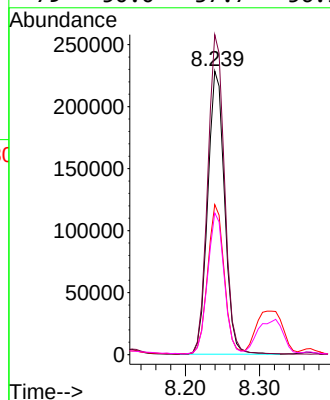
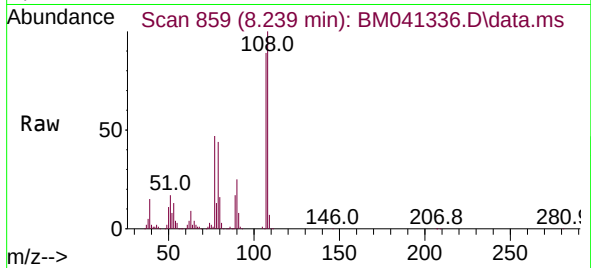
Ion Ratio Lower Upper

107 100

108 112.8 89.9 134.9

77 52.9 39.8 59.8

79 50.0 37.7 56.5



#18

Hexachloroethane

Concen: 49.853 ng

RT: 8.845 min Scan# 962

Delta R.T. -0.006 min

Lab File: BM041336.D

Acq: 08 Aug 2023 19:50

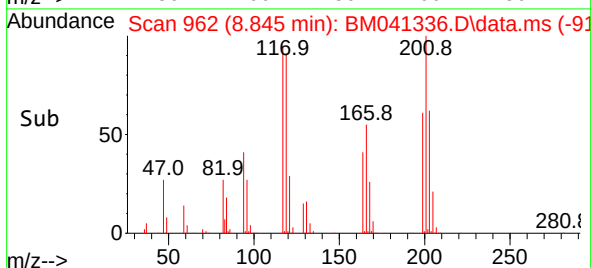
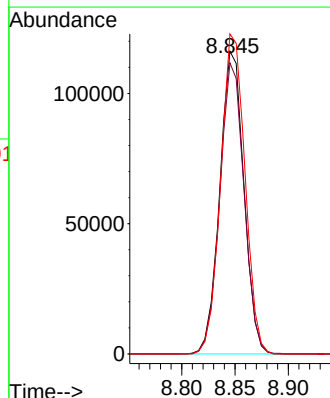
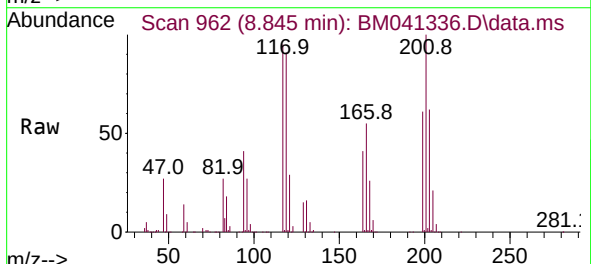
Tgt Ion:117 Resp: 182939

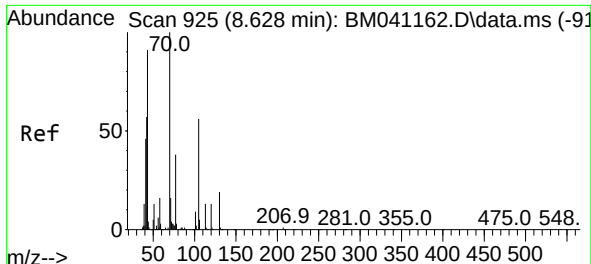
Ion Ratio Lower Upper

117 100

119 96.1 74.2 111.4

201 105.7 74.5 111.7





#19

n-Nitroso-di-n-propylamine

Concen: 47.846 ng

RT: 8.604 min Scan# 916

Delta R.T. -0.000 min

Lab File: BM041336.D

Acq: 08 Aug 2023 19:50

Instrument :

BNA_M

ClientSampleId :

TP-36MS

Tgt Ion: 70 Resp: 347630

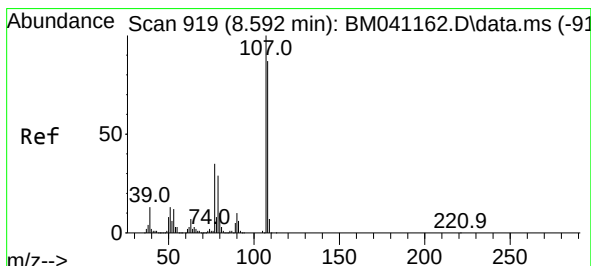
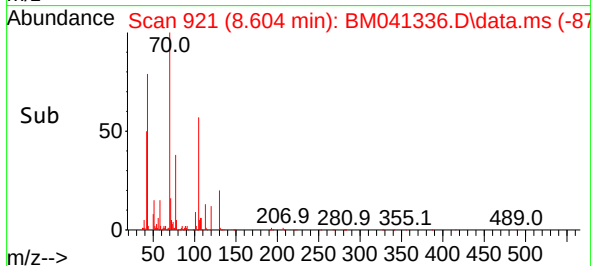
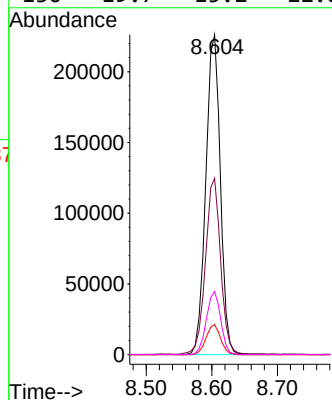
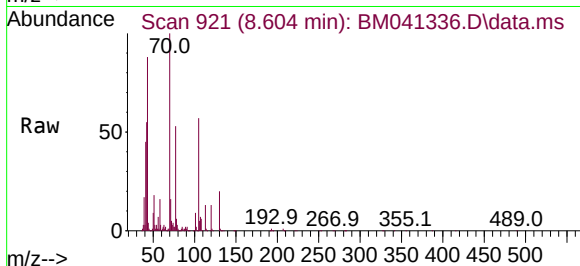
Ion Ratio Lower Upper

70 100

42 55.1 45.8 68.8

101 9.4 7.4 11.0

130 19.7 15.2 22.8



#20

3+4-Methylphenols

Concen: 46.261 ng

RT: 8.575 min Scan# 916

Delta R.T. -0.000 min

Lab File: BM041336.D

Acq: 08 Aug 2023 19:50

Tgt Ion: 107 Resp: 488218

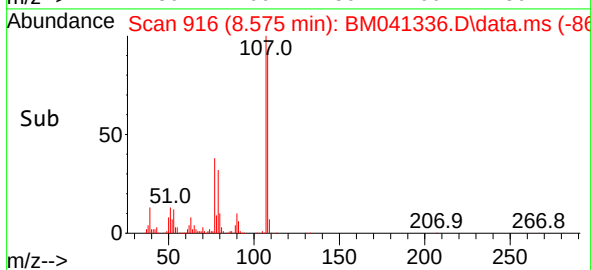
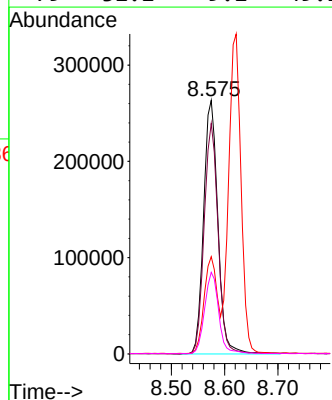
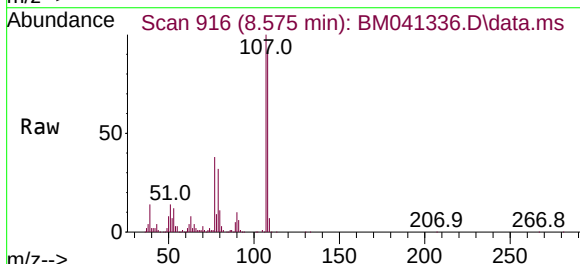
Ion Ratio Lower Upper

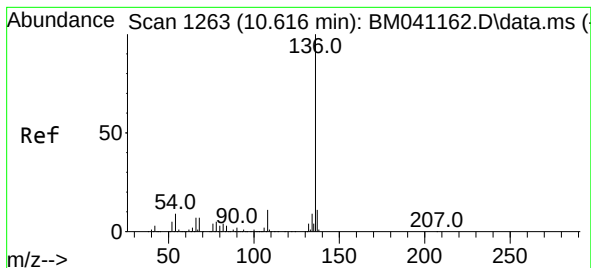
107 100

108 90.9 67.2 107.2

77 38.3 15.4 55.4

79 32.2 9.2 49.2

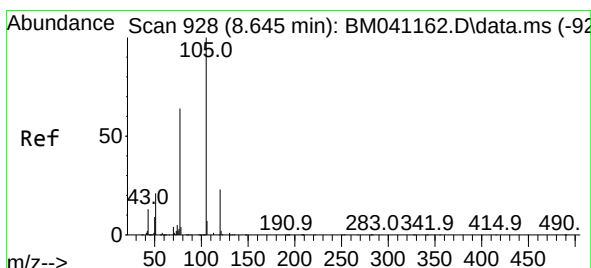
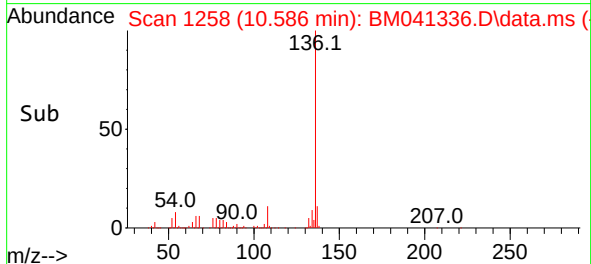
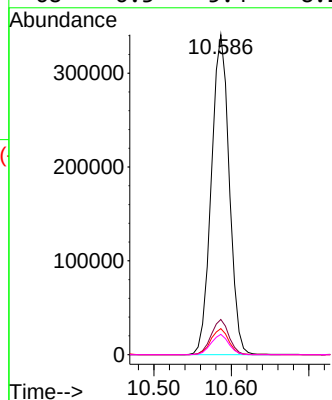
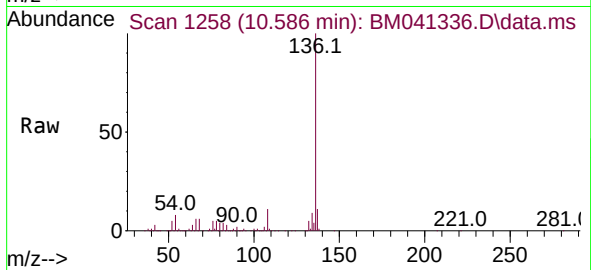




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.586 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041336.D
Acq: 08 Aug 2023 19:50

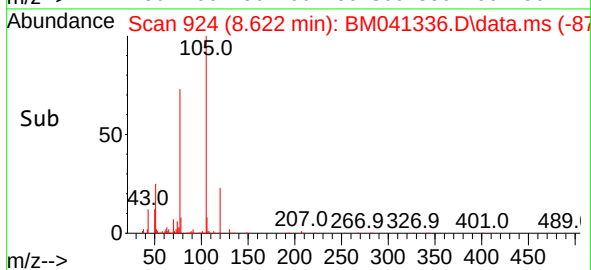
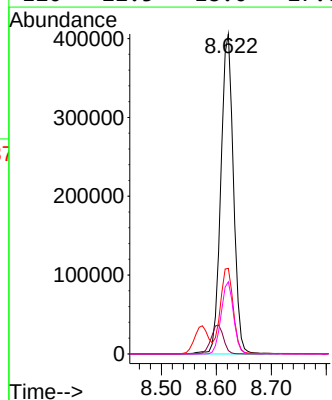
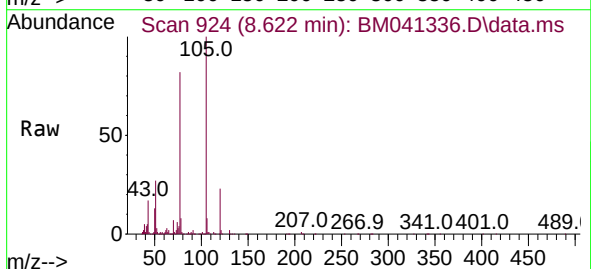
Instrument :
BNA_M
ClientSampleId :
TP-36MS

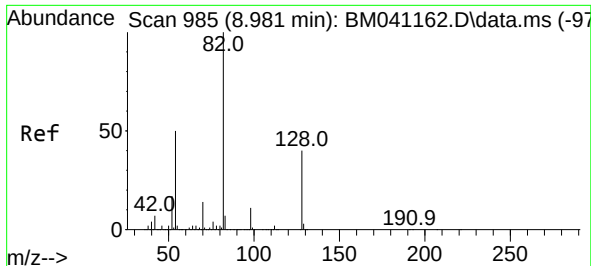
Tgt Ion:136 Resp: 546559
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.1 6.9 10.3
68 6.3 5.4 8.2



#22
Acetophenone
Concen: 44.532 ng
RT: 8.622 min Scan# 924
Delta R.T. -0.000 min
Lab File: BM041336.D
Acq: 08 Aug 2023 19:50

Tgt Ion:105 Resp: 644608
Ion Ratio Lower Upper
105 100
71 1.0 1.2 1.8#
51 26.7 22.0 33.0
120 22.5 18.0 27.0

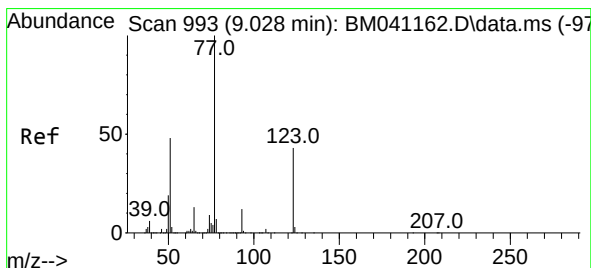
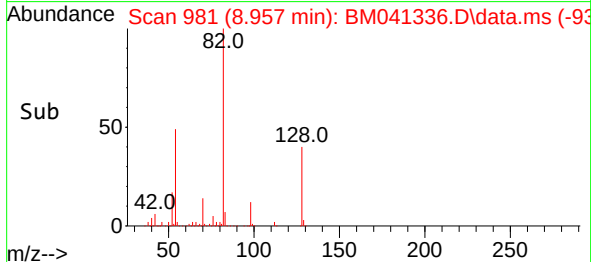
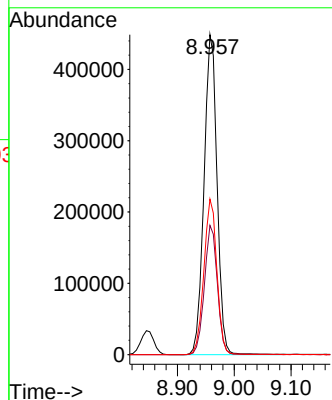
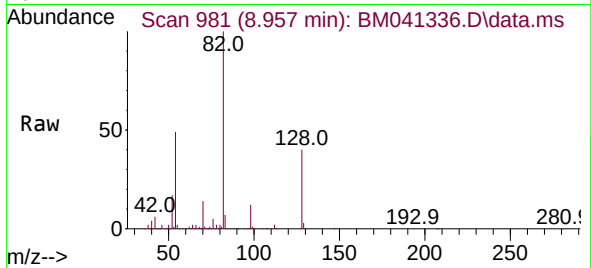




#23
Nitrobenzene-d5
Concen: 60.983 ng
RT: 8.957 min Scan# 981
Delta R.T. -0.006 min
Lab File: BM041336.D
Acq: 08 Aug 2023 19:50

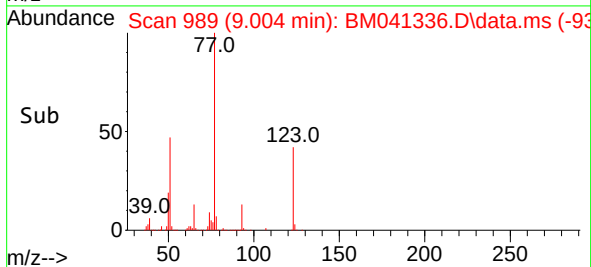
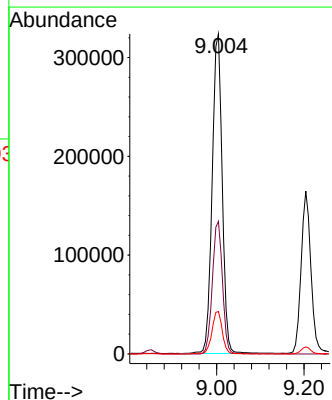
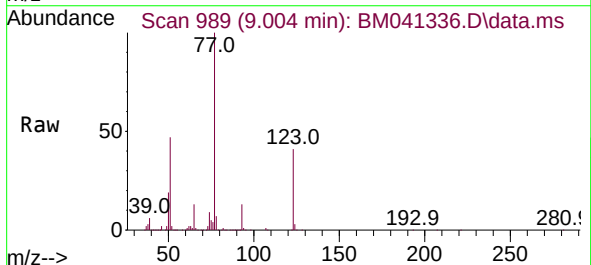
Instrument :
BNA_M
ClientSampleId :
TP-36MS

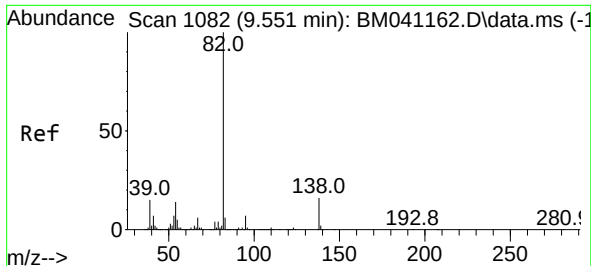
Tgt Ion: 82 Resp: 716724
Ion Ratio Lower Upper
82 100
128 40.4 31.8 47.6
54 48.6 40.1 60.1



#24
Nitrobenzene
Concen: 43.470 ng
RT: 9.004 min Scan# 989
Delta R.T. -0.000 min
Lab File: BM041336.D
Acq: 08 Aug 2023 19:50

Tgt Ion: 77 Resp: 516655
Ion Ratio Lower Upper
77 100
123 41.4 34.2 51.2
65 13.2 10.7 16.1

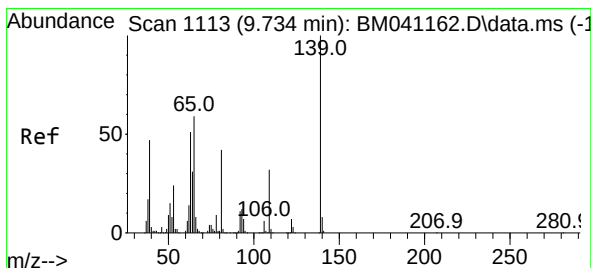
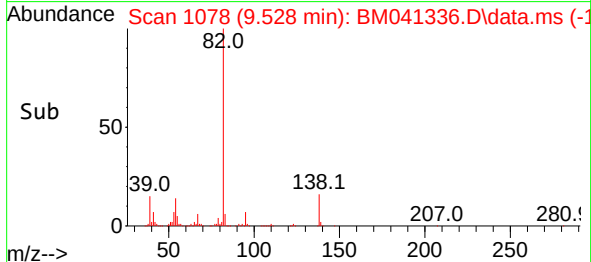
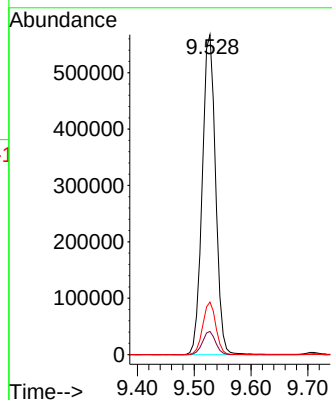
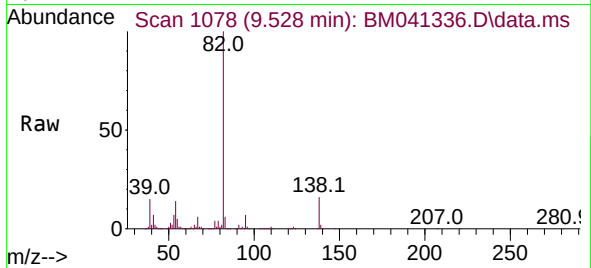




#25
Isophorone
Concen: 46.318 ng
RT: 9.528 min Scan# 1109
Delta R.T. -0.000 min
Lab File: BM041336.D
Acq: 08 Aug 2023 19:50

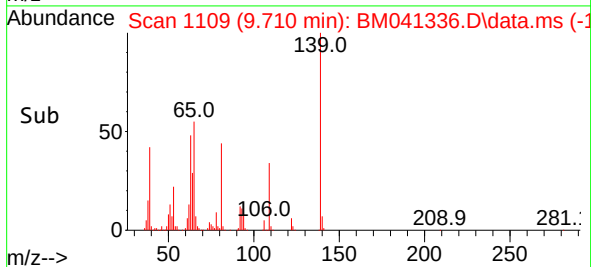
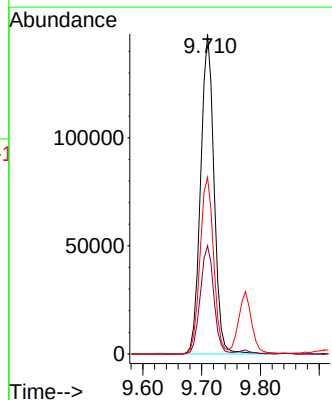
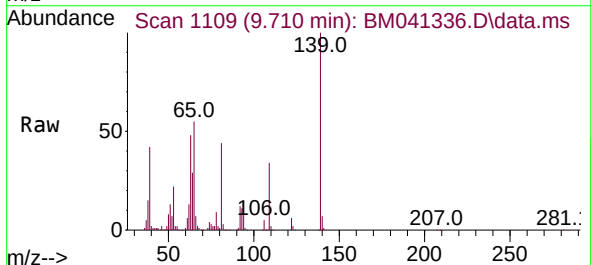
Instrument :
BNA_M
ClientSampleId :
TP-36MS

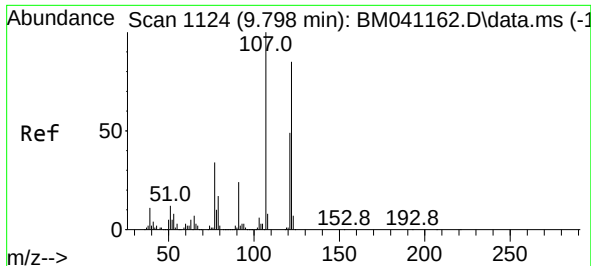
Tgt Ion: 82 Resp: 924073
Ion Ratio Lower Upper
82 100
95 7.2 5.3 7.9
138 16.4 12.8 19.2



#26
2-Nitrophenol
Concen: 50.492 ng
RT: 9.710 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BM041336.D
Acq: 08 Aug 2023 19:50

Tgt Ion: 139 Resp: 234598
Ion Ratio Lower Upper
139 100
109 33.8 25.4 38.2
65 55.2 47.2 70.8





#27

2,4-Dimethylphenol

Concen: 44.002 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM041336.D

Acq: 08 Aug 2023 19:50

Instrument :

BNA_M

ClientSampleId :

TP-36MS

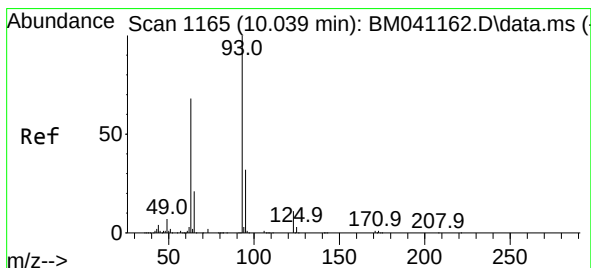
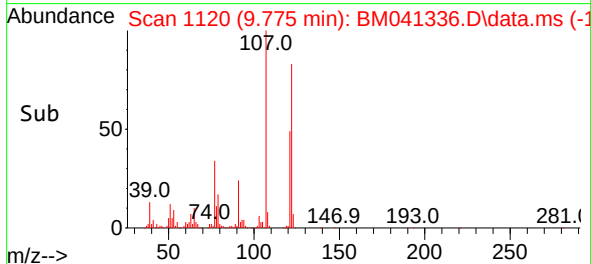
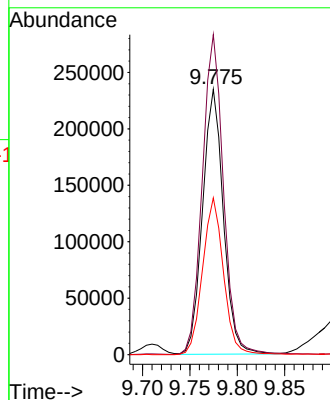
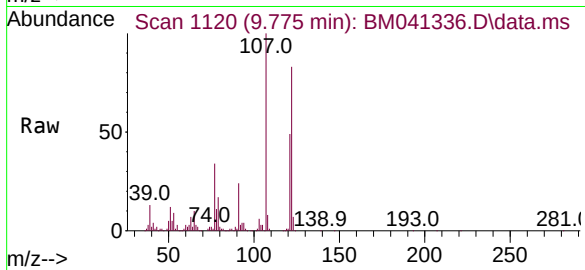
Tgt Ion:122 Resp: 359755

Ion Ratio Lower Upper

122 100

107 120.6 94.3 141.5

121 59.1 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 44.602 ng

RT: 10.010 min Scan# 1160

Delta R.T. -0.006 min

Lab File: BM041336.D

Acq: 08 Aug 2023 19:50

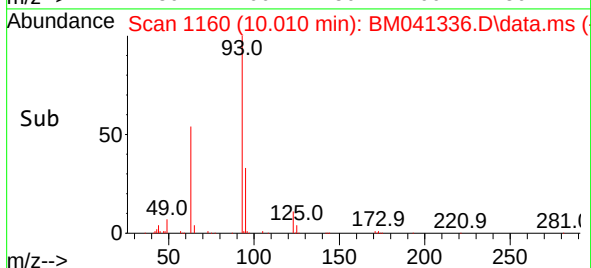
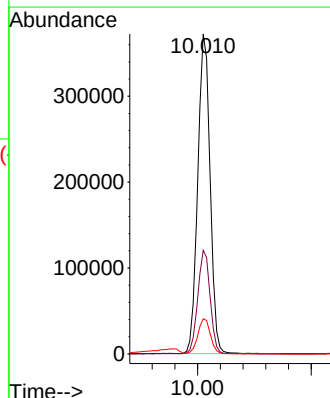
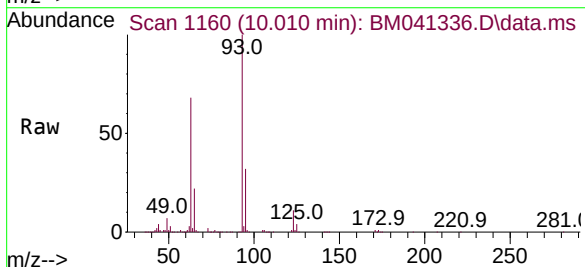
Tgt Ion: 93 Resp: 557387

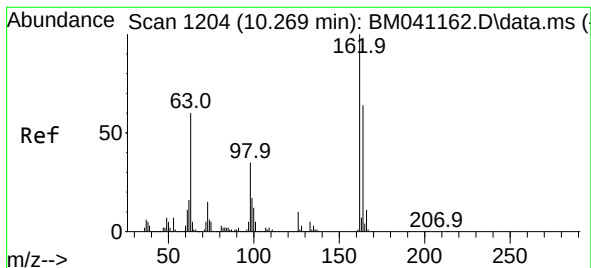
Ion Ratio Lower Upper

93 100

95 32.4 25.9 38.9

123 11.0 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 49.814 ng

RT: 10.245 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BM041336.D

Acq: 08 Aug 2023 19:50

Instrument :

BNA_M

ClientSampleId :

TP-36MS

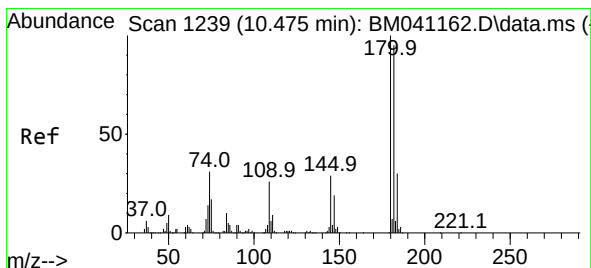
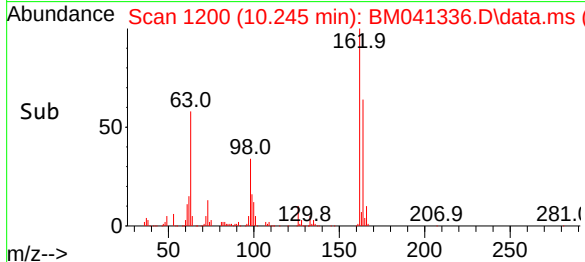
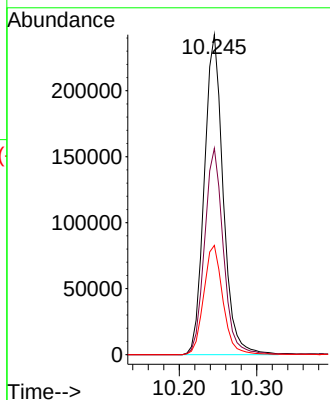
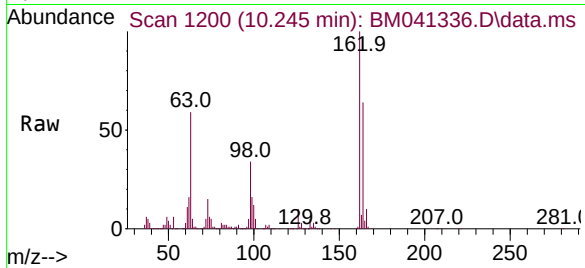
Tgt Ion:162 Resp: 410715

Ion Ratio Lower Upper

162 100

164 64.5 44.3 84.3

98 34.1 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 48.936 ng

RT: 10.451 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BM041336.D

Acq: 08 Aug 2023 19:50

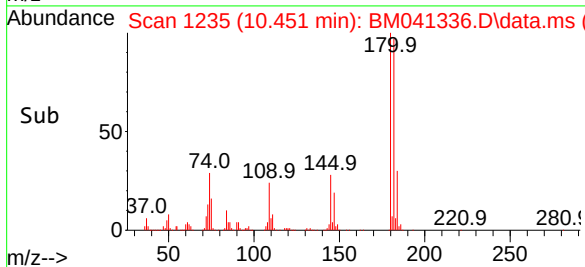
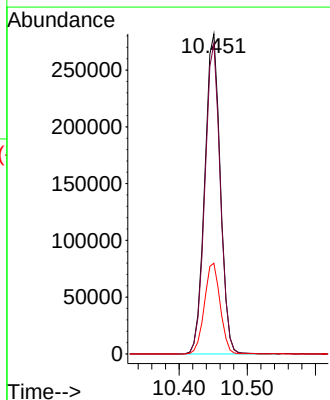
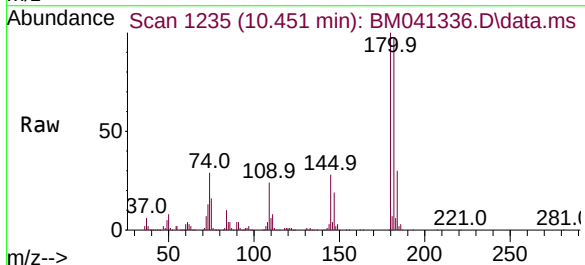
Tgt Ion:180 Resp: 445776

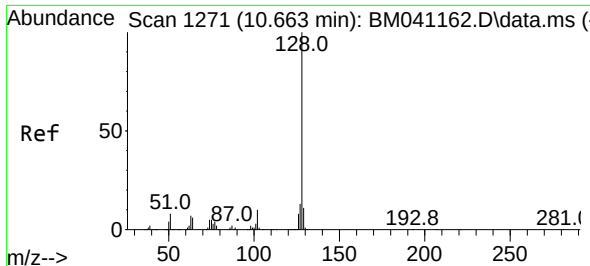
Ion Ratio Lower Upper

180 100

182 97.0 75.9 113.9

145 28.3 23.6 35.4





#31
Naphthalene
Concen: 43.300 ng
RT: 10.639 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041336.D
Acq: 08 Aug 2023 19:50

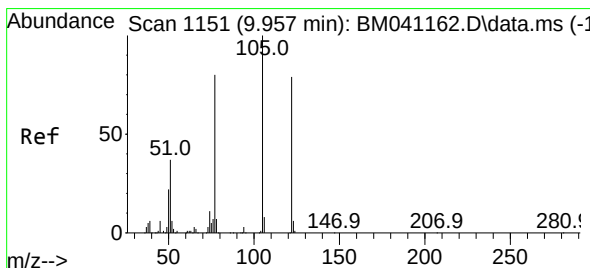
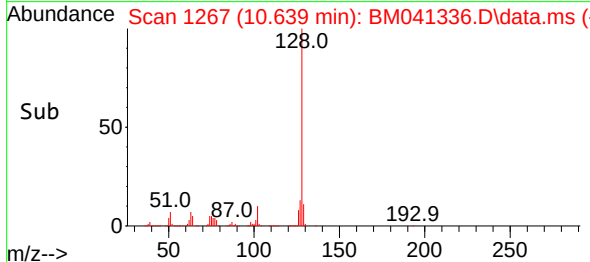
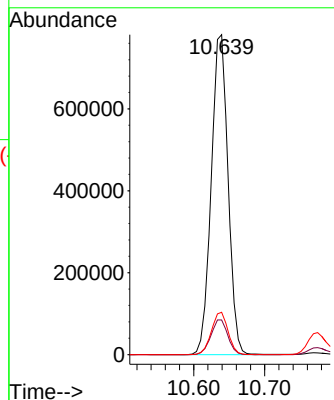
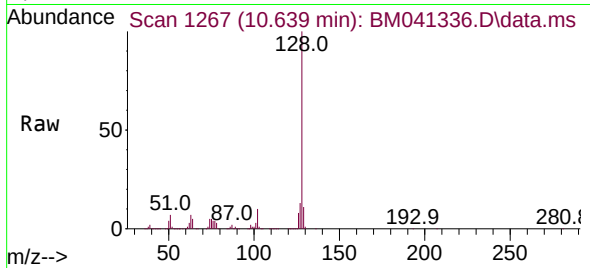
Instrument :

BNA_M

ClientSampleId :

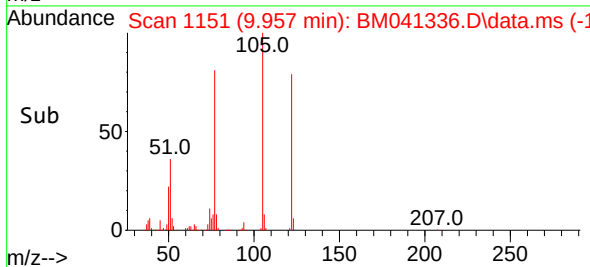
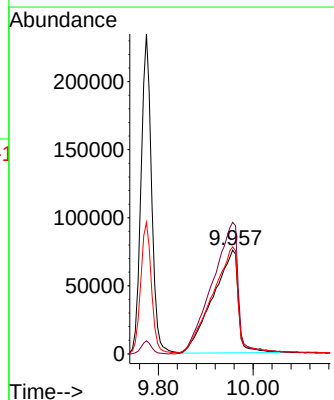
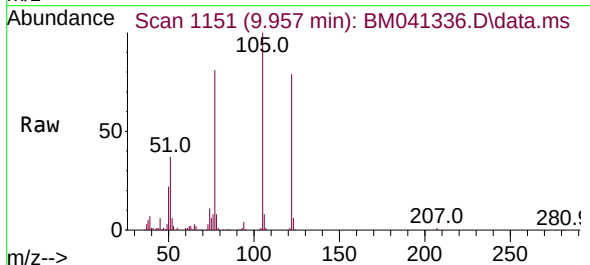
TP-36MS

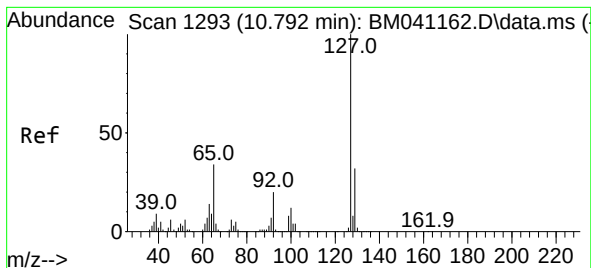
Tgt Ion:128 Resp: 1284264
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 13.2 10.5 15.7



#32
Benzoic acid
Concen: 46.168 ng
RT: 9.957 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BM041336.D
Acq: 08 Aug 2023 19:50

Tgt Ion:122 Resp: 281523
Ion Ratio Lower Upper
122 100
105 126.8 104.0 144.0
77 103.0 79.9 119.9





#33

4-Chloroaniline

Concen: 9.785 ng

RT: 10.775 min Scan# 11

Delta R.T. 0.006 min

Lab File: BM041336.D

Acq: 08 Aug 2023 19:50

Instrument :

BNA_M

ClientSampleId :

TP-36MS

Tgt Ion:127 Resp: 115981

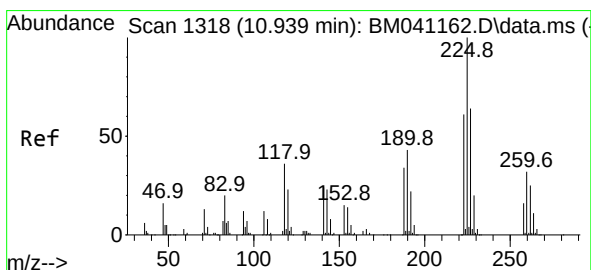
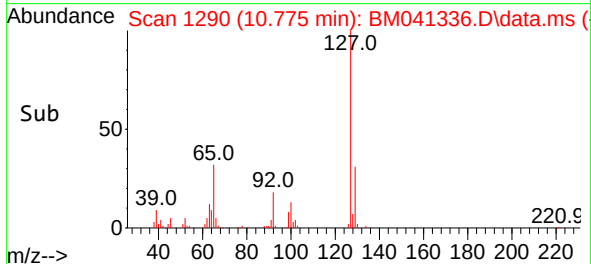
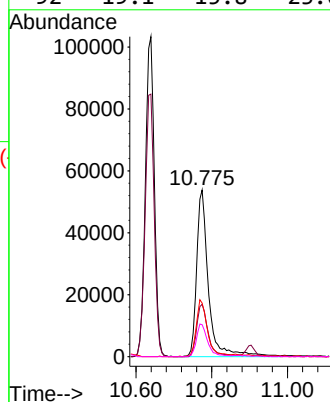
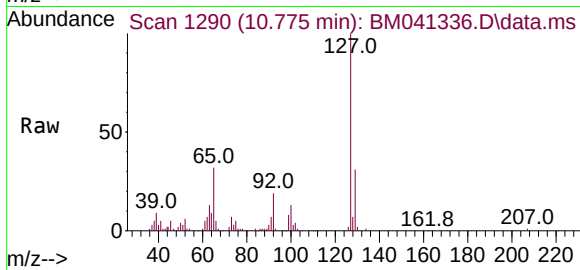
Ion Ratio Lower Upper

127 100

129 31.3 25.9 38.9

65 32.1 26.9 40.3

92 19.1 15.8 23.6



#34

Hexachlorobutadiene

Concen: 52.219 ng

RT: 10.904 min Scan# 1312

Delta R.T. -0.006 min

Lab File: BM041336.D

Acq: 08 Aug 2023 19:50

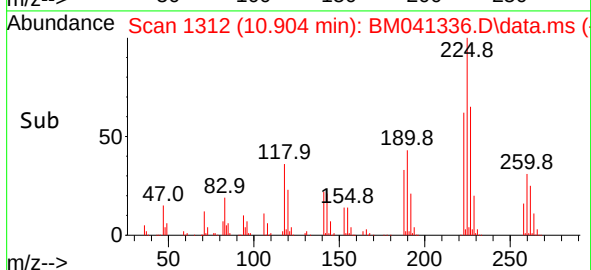
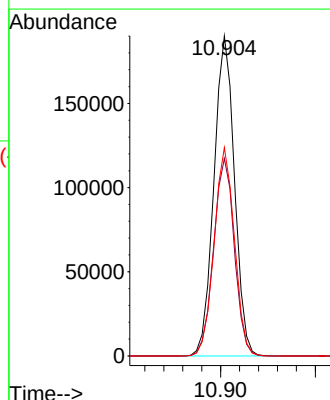
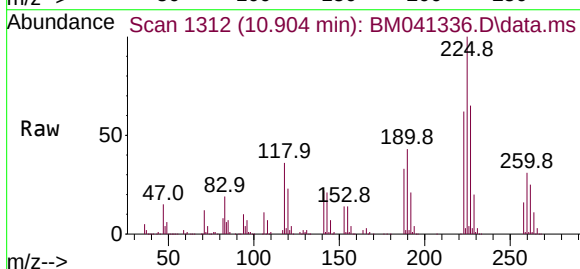
Tgt Ion:225 Resp: 286093

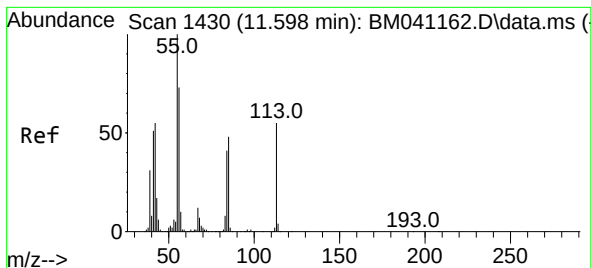
Ion Ratio Lower Upper

225 100

223 61.7 49.0 73.4

227 65.1 50.8 76.2

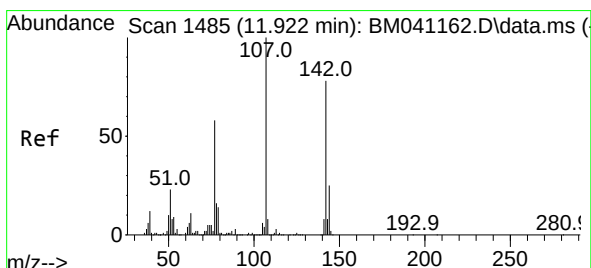
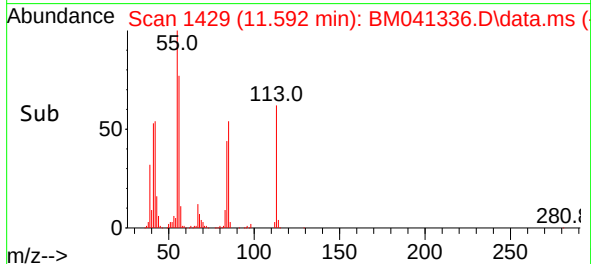
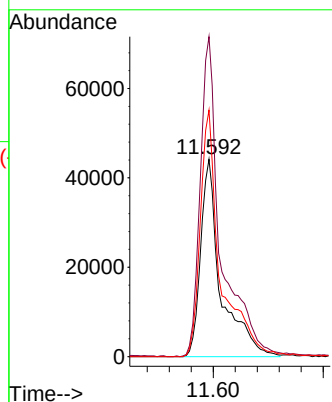
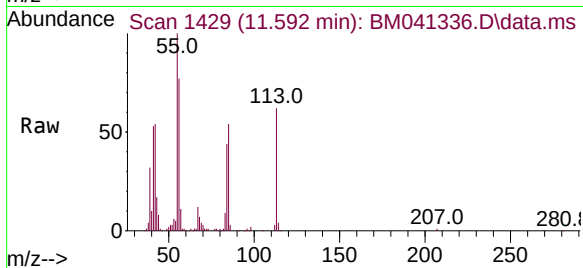




#35
Caprolactam
Concen: 47.329 ng
RT: 11.592 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BM041336.D
Acq: 08 Aug 2023 19:50

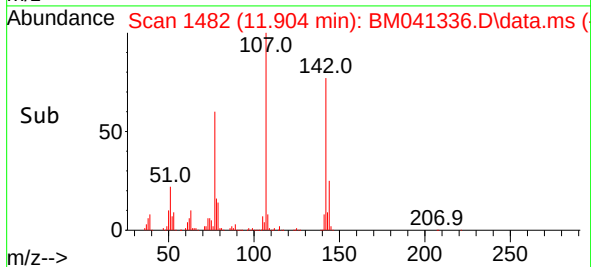
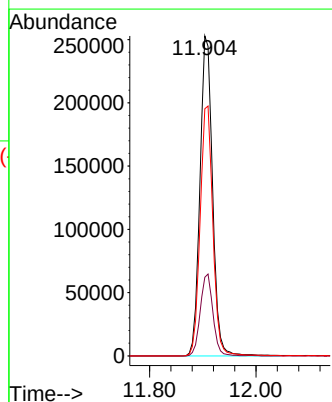
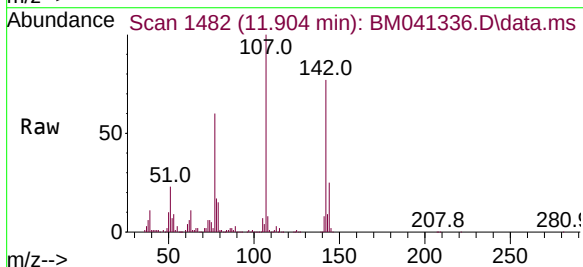
Instrument :
BNA_M
ClientSampleId :
TP-36MS

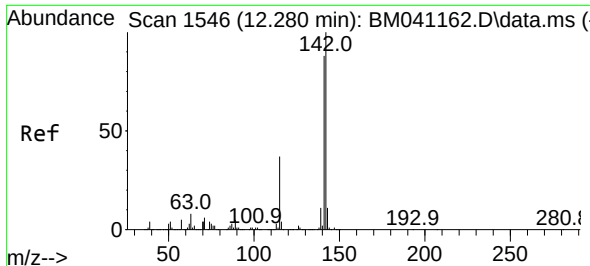
Tgt Ion:113 Resp: 112884
Ion Ratio Lower Upper
113 100
55 162.1 162.5 202.5#
56 124.9 114.1 154.1



#36
4-Chloro-3-methylphenol
Concen: 47.712 ng
RT: 11.904 min Scan# 1482
Delta R.T. -0.006 min
Lab File: BM041336.D
Acq: 08 Aug 2023 19:50

Tgt Ion:107 Resp: 414050
Ion Ratio Lower Upper
107 100
144 24.6 20.1 30.1
142 77.2 62.2 93.4

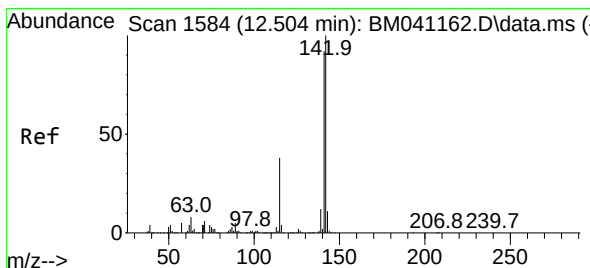
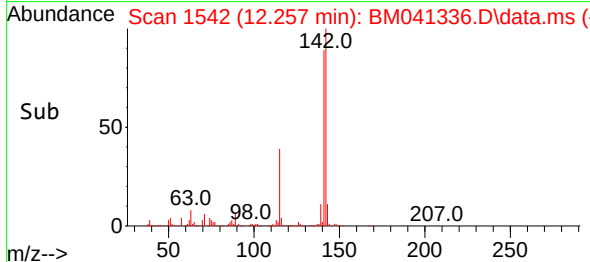
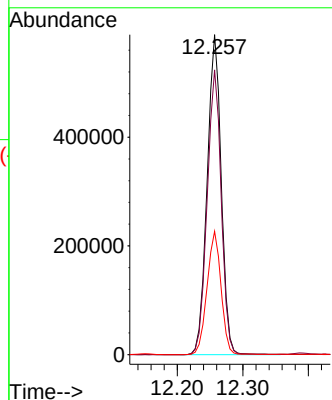
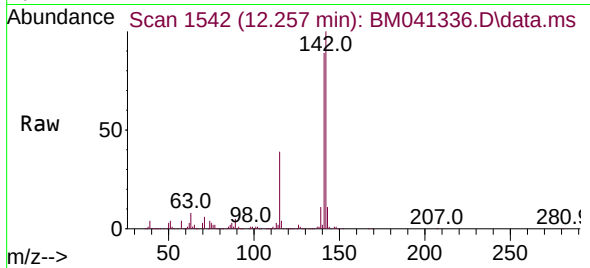




#37
2-Methylnaphthalene
Concen: 43.740 ng
RT: 12.257 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041336.D
Acq: 08 Aug 2023 19:50

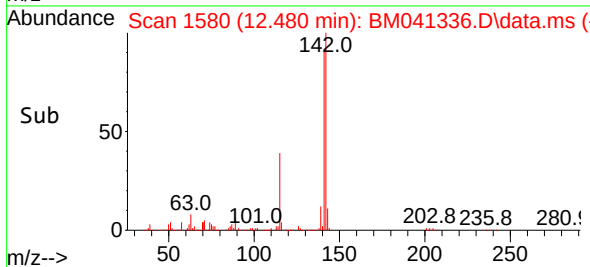
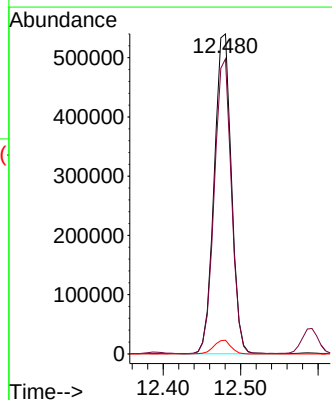
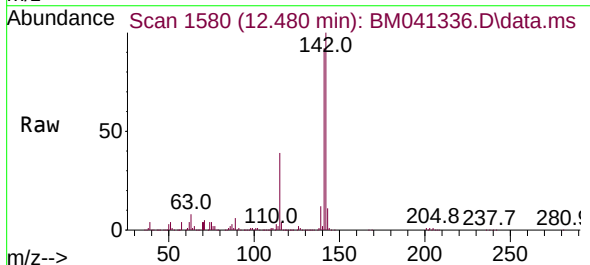
Instrument :
BNA_M
ClientSampleId :
TP-36MS

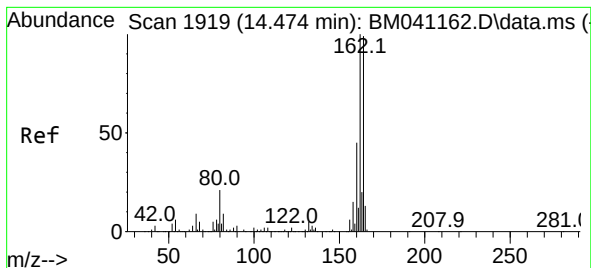
Tgt Ion:142 Resp: 874624
Ion Ratio Lower Upper
142 100
141 89.0 70.7 106.1
115 38.5 29.3 43.9



#38
1-Methylnaphthalene
Concen: 44.526 ng
RT: 12.480 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BM041336.D
Acq: 08 Aug 2023 19:50

Tgt Ion:142 Resp: 833292
Ion Ratio Lower Upper
142 100
141 92.2 73.4 110.2
116 4.3 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.451 min Scan# 1915

Delta R.T. -0.000 min

Lab File: BM041336.D

Acq: 08 Aug 2023 19:50

Instrument :

BNA_M

ClientSampleId :

TP-36MS

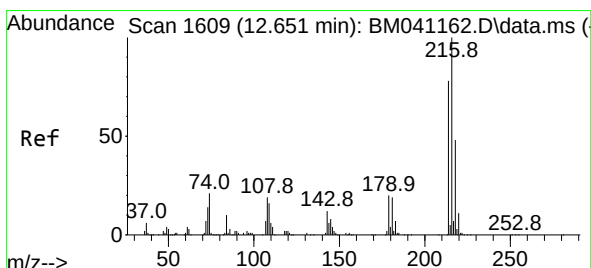
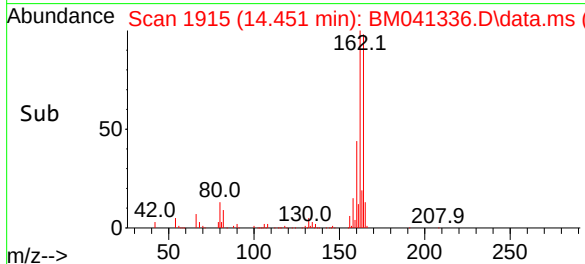
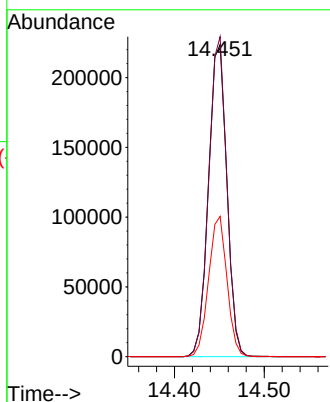
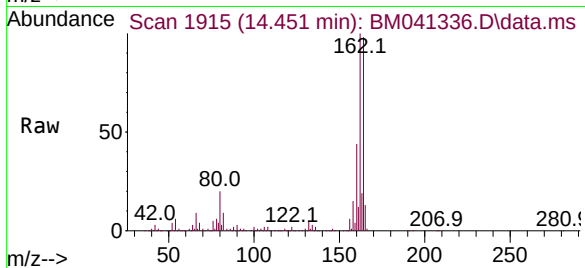
Tgt Ion:164 Resp: 318592

Ion Ratio Lower Upper

164 100

162 102.5 80.4 120.6

160 45.0 36.2 54.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.667 ng

RT: 12.627 min Scan# 1605

Delta R.T. -0.006 min

Lab File: BM041336.D

Acq: 08 Aug 2023 19:50

Tgt Ion:216 Resp: 493113

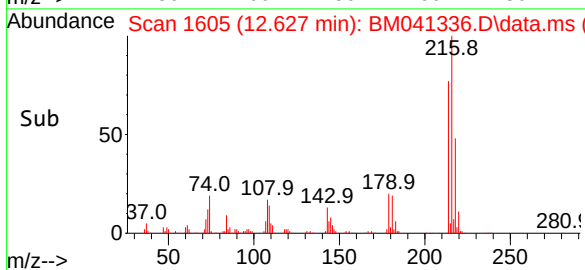
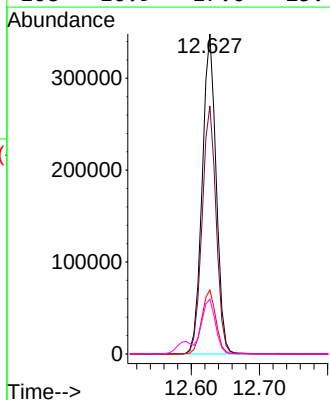
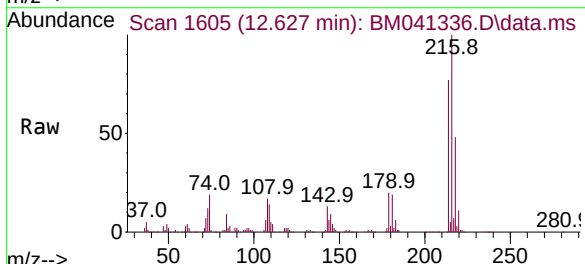
Ion Ratio Lower Upper

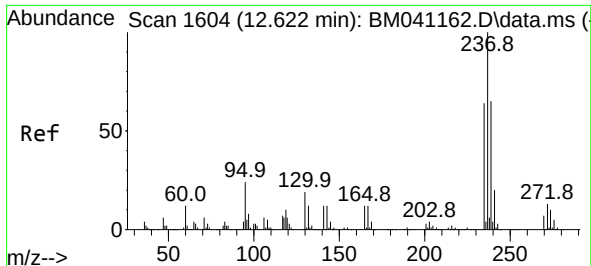
216 100

214 78.1 63.2 94.8

179 20.2 16.2 24.2

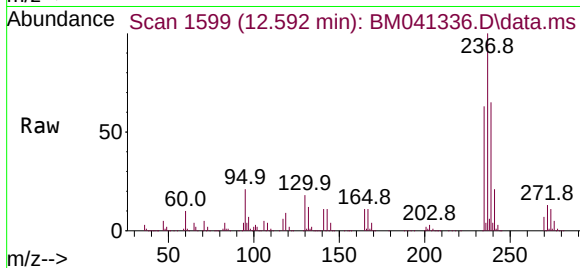
108 16.9 17.0 25.4#



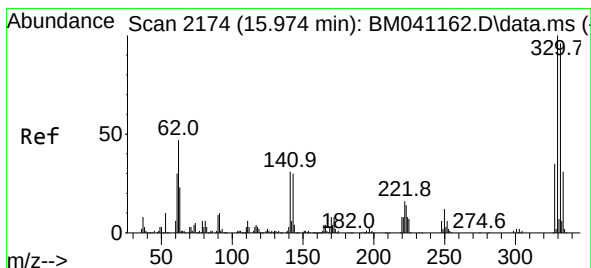
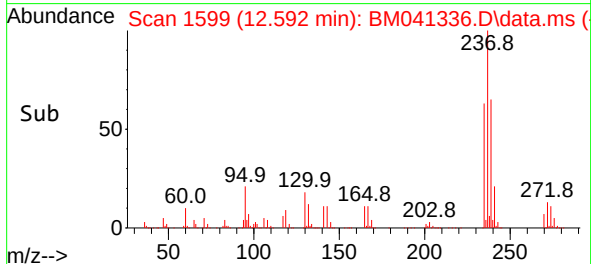
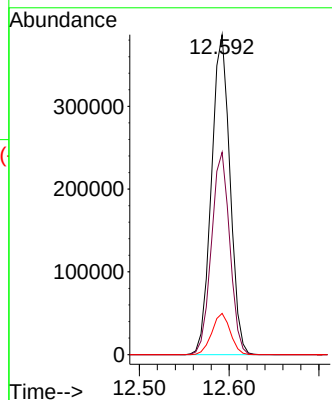


#41
Hexachlorocyclopentadiene
Concen: 101.682 ng
RT: 12.592 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041336.D
Acq: 08 Aug 2023 19:50

Instrument :
BNA_M
ClientSampleId :
TP-36MS

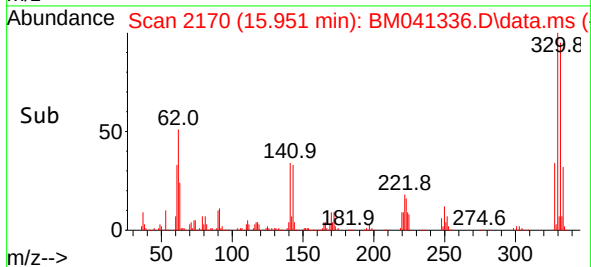
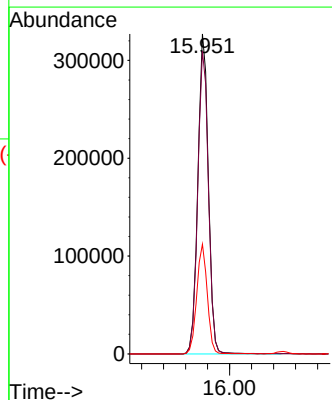
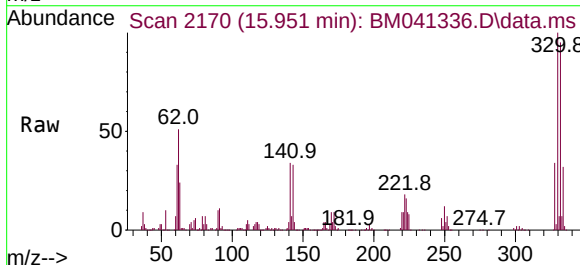


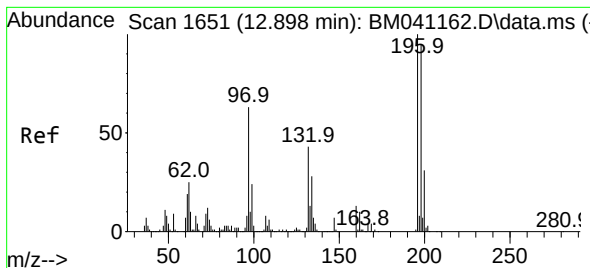
Tgt Ion:237 Resp: 556508
Ion Ratio Lower Upper
237 100
235 63.2 43.6 83.6
272 12.9 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 96.268 ng
RT: 15.951 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BM041336.D
Acq: 08 Aug 2023 19:50

Tgt Ion:330 Resp: 433815
Ion Ratio Lower Upper
330 100
332 95.9 77.7 116.5
141 34.2 28.3 42.5





#43

2,4,6-Trichlorophenol

Concen: 49.282 ng

RT: 12.880 min Scan# 1648

Delta R.T. -0.006 min

Lab File: BM041336.D

Acq: 08 Aug 2023 19:50

Instrument :

BNA_M

ClientSampleId :

TP-36MS

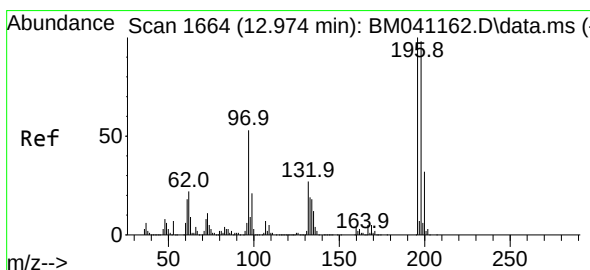
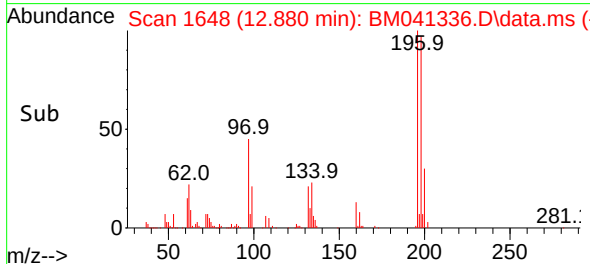
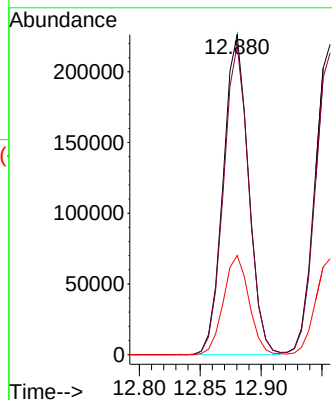
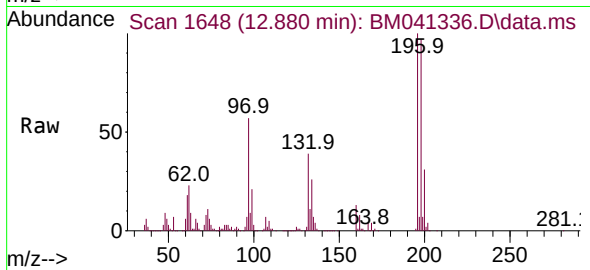
Tgt Ion:196 Resp: 326768

Ion Ratio Lower Upper

196 100

198 96.7 76.2 114.4

200 31.0 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 45.124 ng

RT: 12.957 min Scan# 1661

Delta R.T. -0.006 min

Lab File: BM041336.D

Acq: 08 Aug 2023 19:50

Tgt Ion:196 Resp: 346298

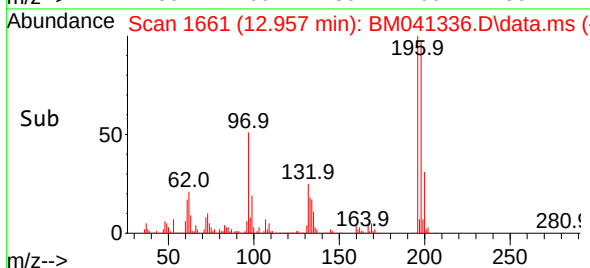
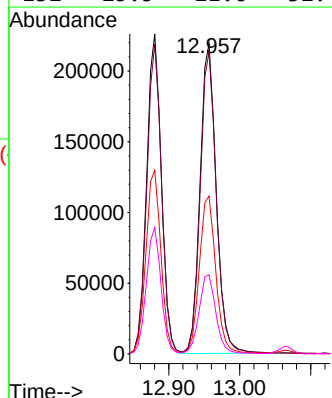
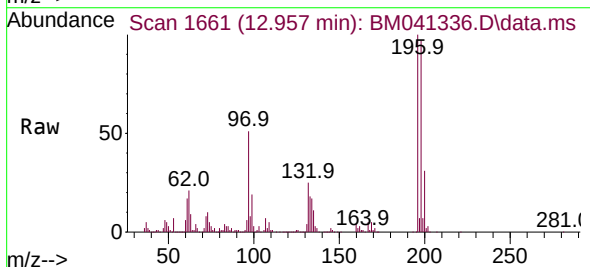
Ion Ratio Lower Upper

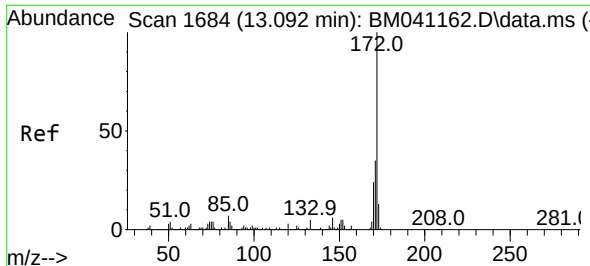
196 100

198 97.2 78.2 117.4

97 50.9 42.7 64.1

132 25.5 21.6 32.4

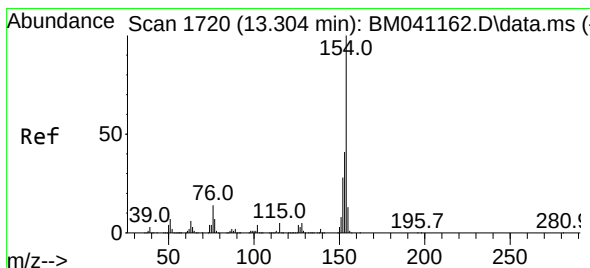
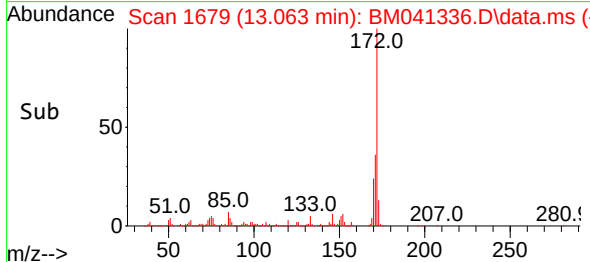
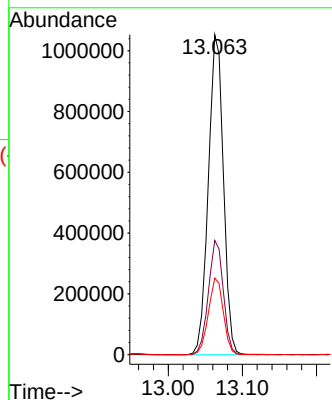
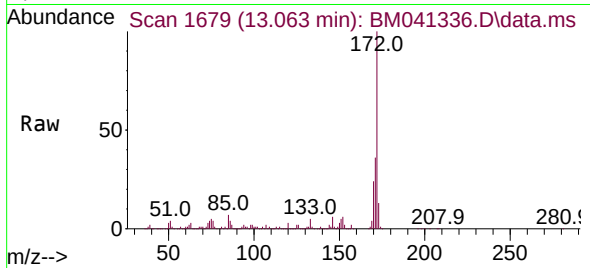




#45
2-Fluorobiphenyl
Concen: 58.850 ng
RT: 13.063 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041336.D
Acq: 08 Aug 2023 19:50

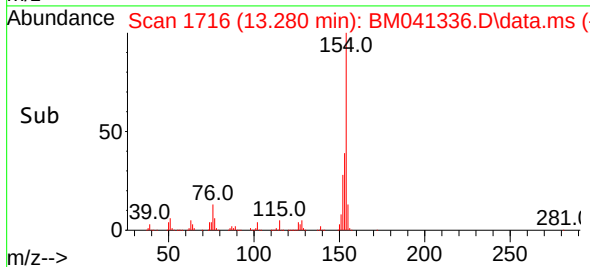
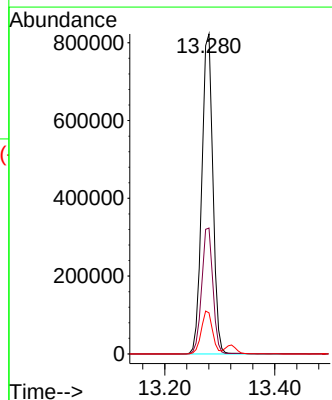
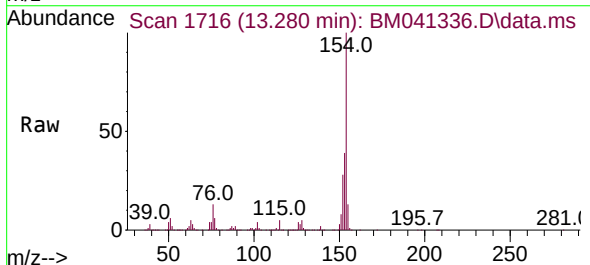
Instrument :
BNA_M
ClientSampleId :
TP-36MS

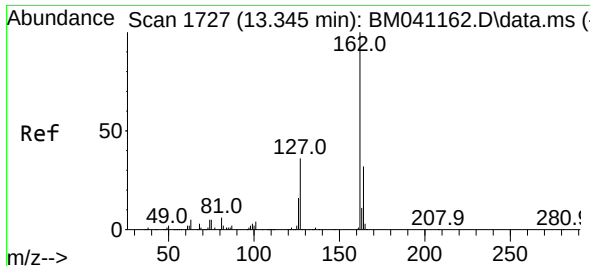
Tgt Ion:172 Resp: 1484209
Ion Ratio Lower Upper
172 100
171 35.7 28.1 42.1
170 23.9 18.9 28.3



#46
1,1'-Biphenyl
Concen: 44.491 ng
RT: 13.280 min Scan# 1716
Delta R.T. -0.000 min
Lab File: BM041336.D
Acq: 08 Aug 2023 19:50

Tgt Ion:154 Resp: 1149106
Ion Ratio Lower Upper
154 100
153 39.3 20.5 60.5
76 12.8 0.0 34.1

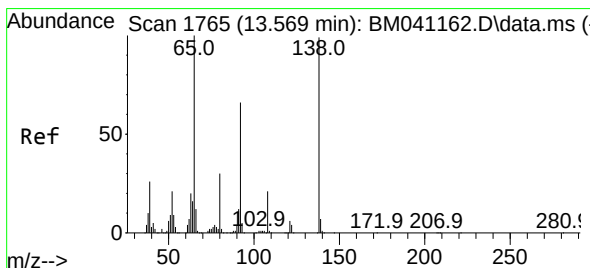
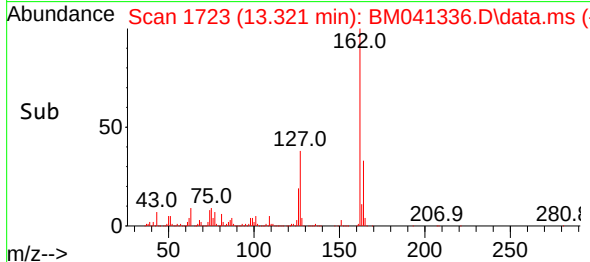
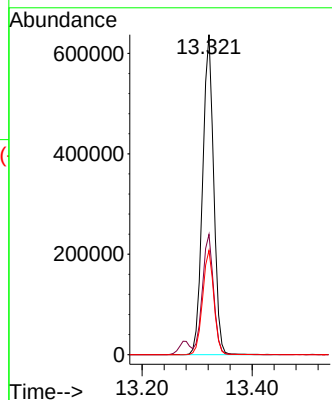
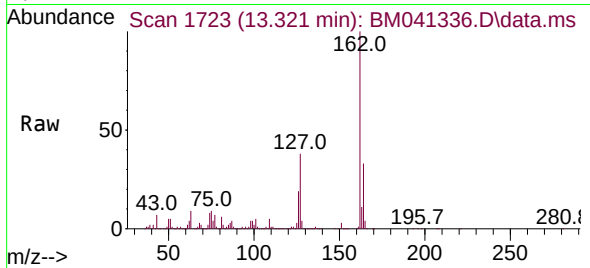




#47
2-Chloronaphthalene
Concen: 46.138 ng
RT: 13.321 min Scan# 1727
Delta R.T. -0.006 min
Lab File: BM041336.D
Acq: 08 Aug 2023 19:50

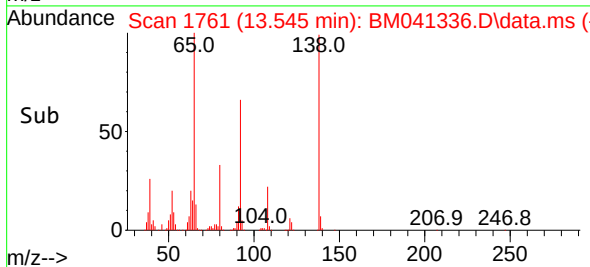
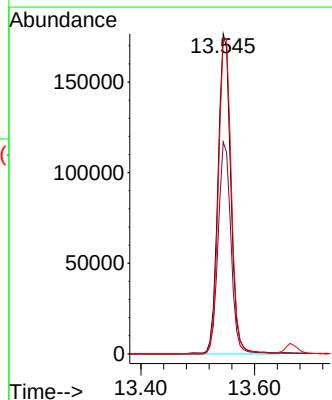
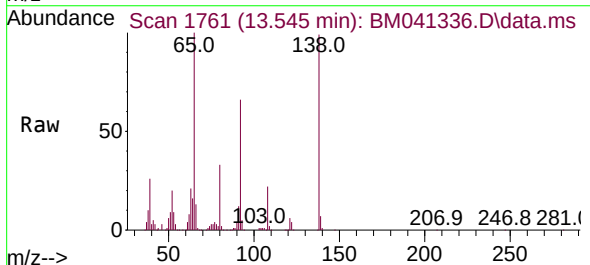
Instrument :
BNA_M
ClientSampleId :
TP-36MS

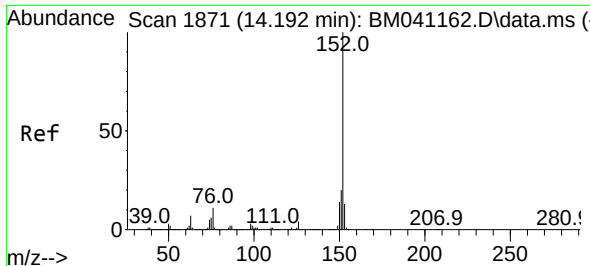
Tgt Ion:162 Resp: 889772
Ion Ratio Lower Upper
162 100
127 37.6 30.6 45.8
164 32.6 25.6 38.4



#48
2-Nitroaniline
Concen: 44.961 ng
RT: 13.545 min Scan# 1761
Delta R.T. -0.006 min
Lab File: BM041336.D
Acq: 08 Aug 2023 19:50

Tgt Ion: 65 Resp: 276767
Ion Ratio Lower Upper
65 100
92 66.2 53.0 79.4
138 98.6 79.1 118.7

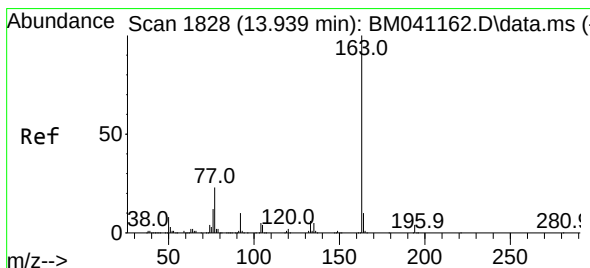
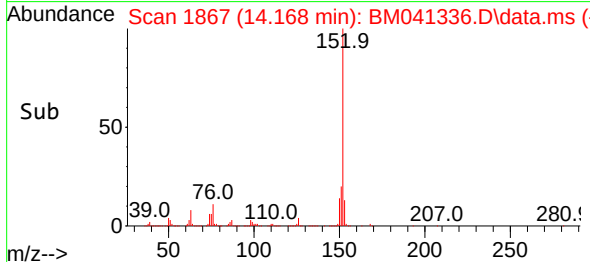
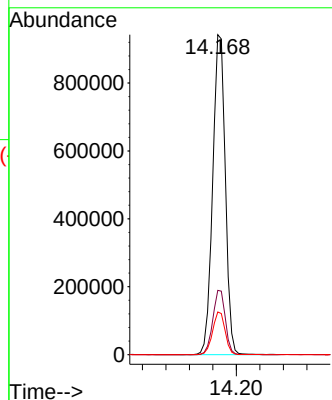
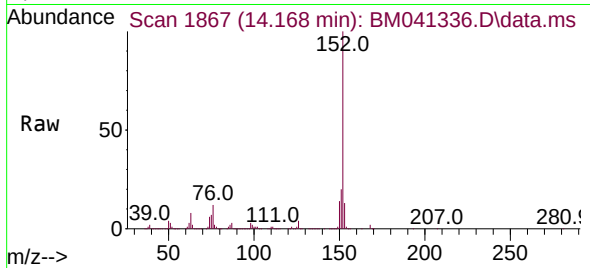




#49
Acenaphthylene
Concen: 45.035 ng
RT: 14.168 min Scan# 1867
Delta R.T. -0.006 min
Lab File: BM041336.D
Acq: 08 Aug 2023 19:50

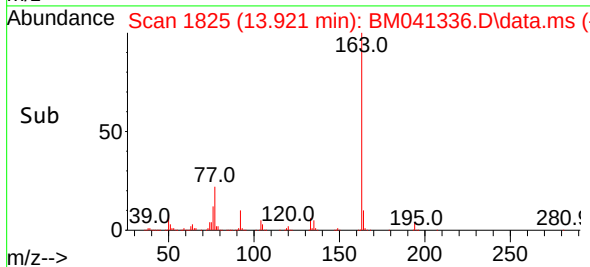
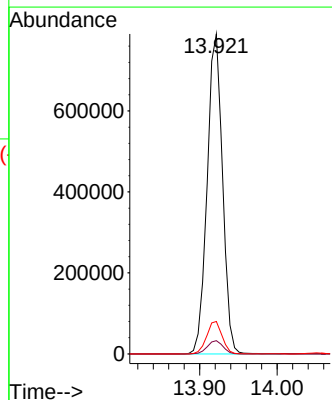
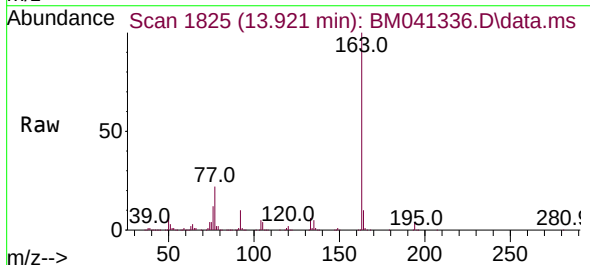
Instrument :
BNA_M
ClientSampleId :
TP-36MS

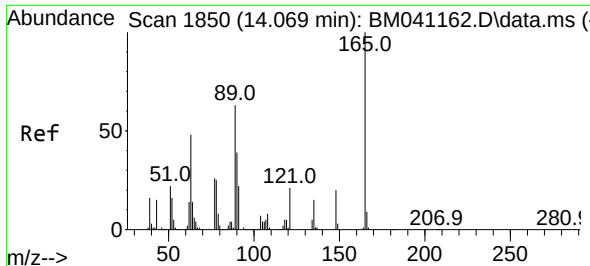
Tgt Ion:152 Resp: 1401815
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.3 10.5 15.7



#50
Dimethylphthalate
Concen: 45.313 ng
RT: 13.921 min Scan# 1825
Delta R.T. -0.000 min
Lab File: BM041336.D
Acq: 08 Aug 2023 19:50

Tgt Ion:163 Resp: 1085921
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.1 8.3 12.5

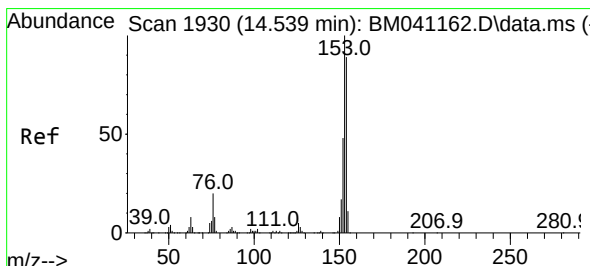
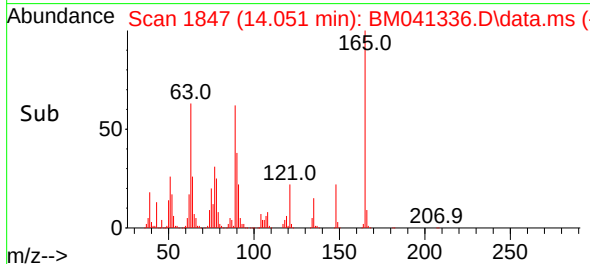
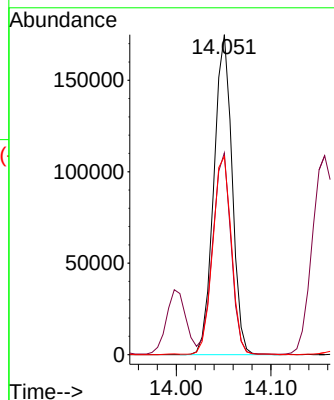
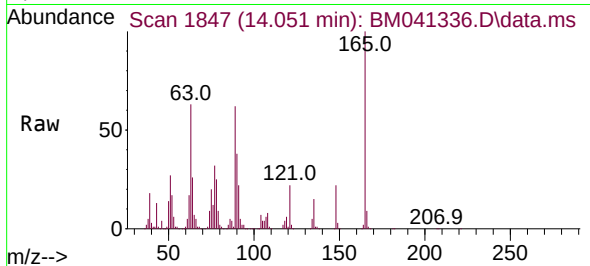




#51
2,6-Dinitrotoluene
Concen: 47.095 ng
RT: 14.051 min Scan# 1850
Delta R.T. -0.000 min
Lab File: BM041336.D
Acq: 08 Aug 2023 19:50

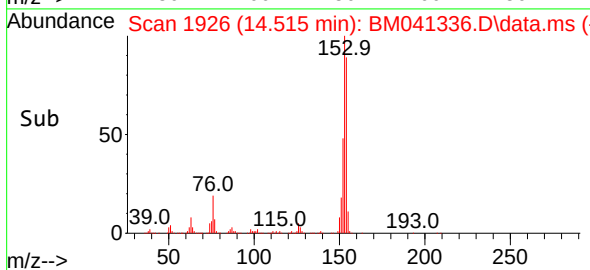
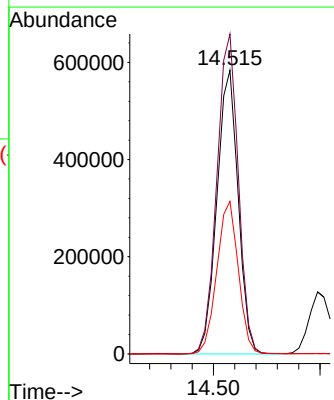
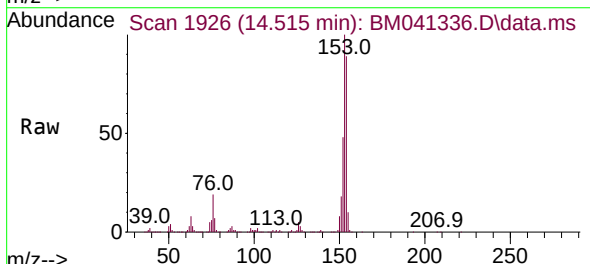
Instrument :
BNA_M
ClientSampleId :
TP-36MS

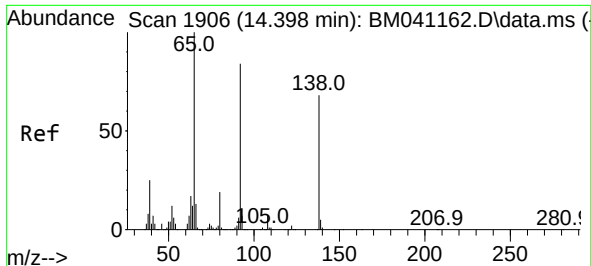
Tgt Ion:165 Resp: 233854
Ion Ratio Lower Upper
165 100
63 63.0 50.9 76.3
89 61.9 50.6 76.0



#52
Acenaphthene
Concen: 43.229 ng
RT: 14.515 min Scan# 1926
Delta R.T. -0.006 min
Lab File: BM041336.D
Acq: 08 Aug 2023 19:50

Tgt Ion:154 Resp: 810634
Ion Ratio Lower Upper
154 100
153 112.9 90.2 135.4
152 53.8 43.4 65.0

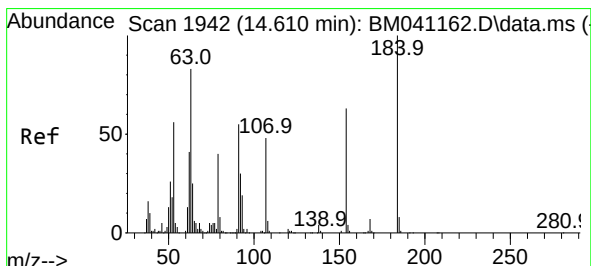
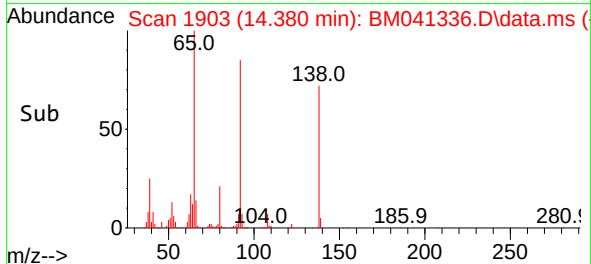
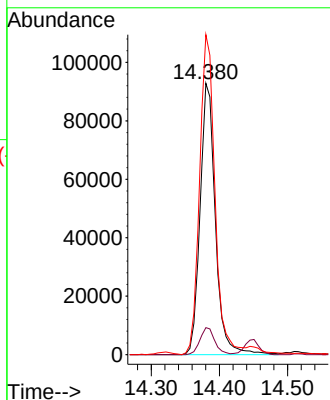
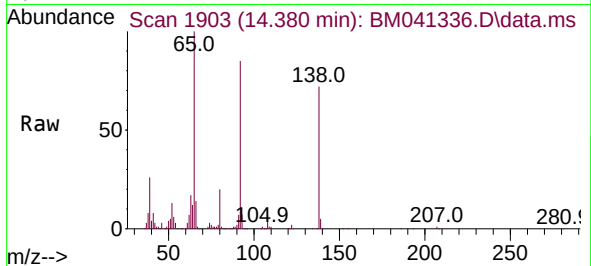




#53
3-Nitroaniline
Concen: 26.461 ng
RT: 14.380 min Scan# 1906
Delta R.T. -0.006 min
Lab File: BM041336.D
Acq: 08 Aug 2023 19:50

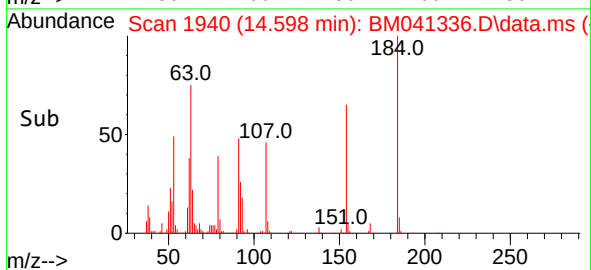
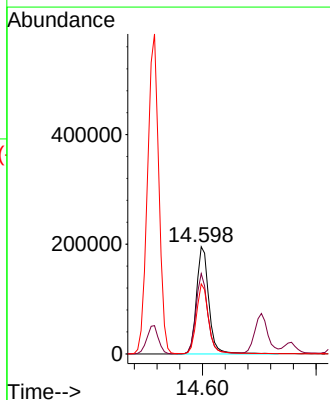
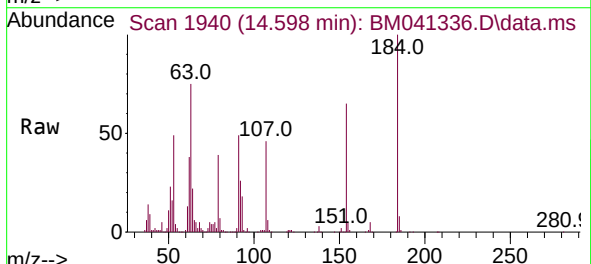
Instrument :
BNA_M
ClientSampleId :
TP-36MS

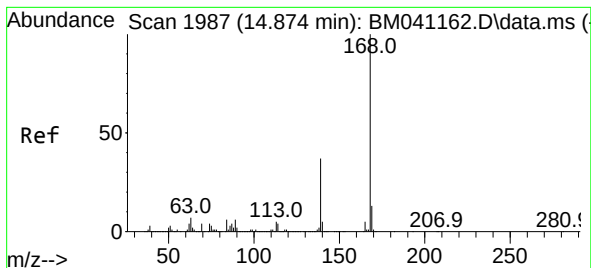
Tgt Ion:138 Resp: 145020
Ion Ratio Lower Upper
138 100
108 10.0 7.6 11.4
92 118.0 98.9 148.3



#54
2,4-Dinitrophenol
Concen: 86.746 ng
RT: 14.598 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BM041336.D
Acq: 08 Aug 2023 19:50

Tgt Ion:184 Resp: 292660
Ion Ratio Lower Upper
184 100
63 75.0 66.5 99.7
154 65.4 52.8 79.2





#55

Dibenzofuran

Concen: 43.100 ng

RT: 14.851 min Scan# 19

Delta R.T. -0.006 min

Lab File: BM041336.D

Acq: 08 Aug 2023 19:50

Instrument :

BNA_M

ClientSampleId :

TP-36MS

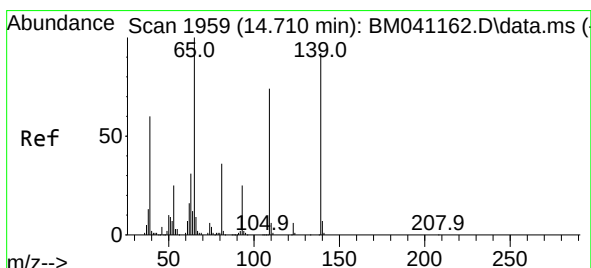
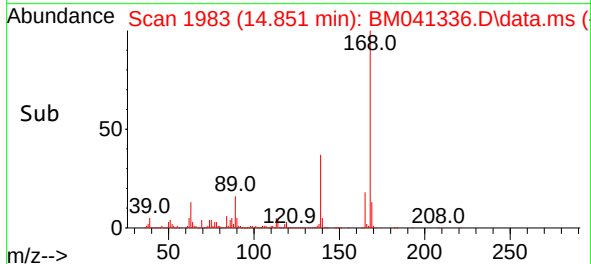
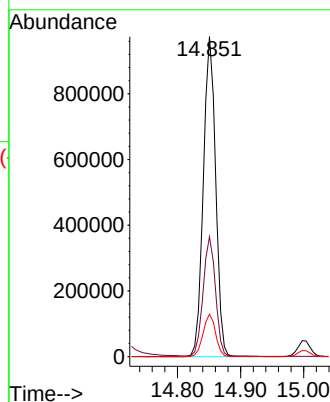
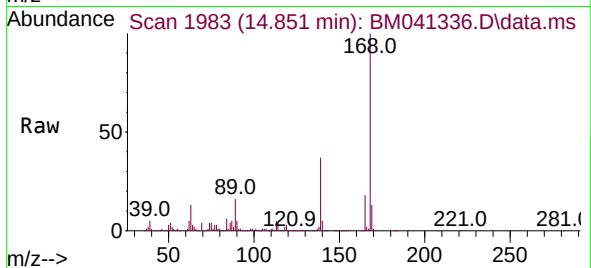
Tgt Ion:168 Resp: 1318637

Ion Ratio Lower Upper

168 100

139 37.4 29.8 44.6

169 13.3 10.5 15.7



#56

4-Nitrophenol

Concen: 86.943 ng

RT: 14.704 min Scan# 1958

Delta R.T. -0.000 min

Lab File: BM041336.D

Acq: 08 Aug 2023 19:50

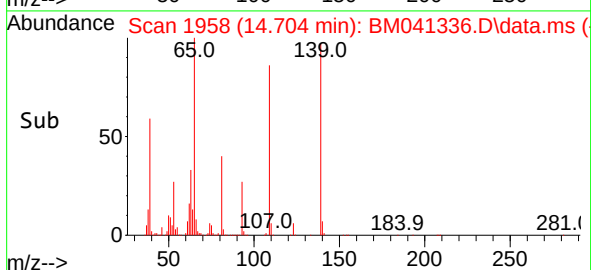
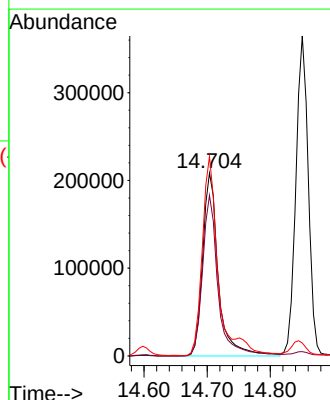
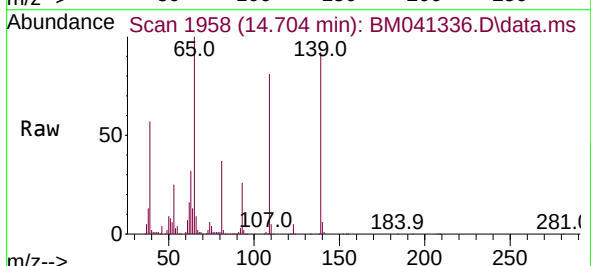
Tgt Ion:139 Resp: 359807

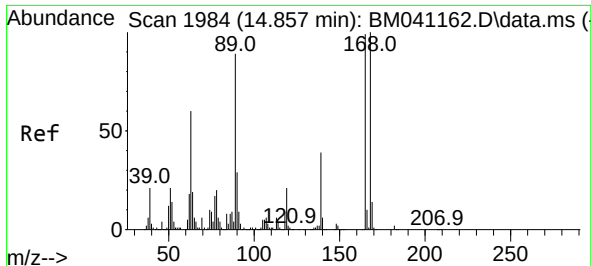
Ion Ratio Lower Upper

139 100

109 87.8 61.2 101.2

65 109.0 89.5 129.5

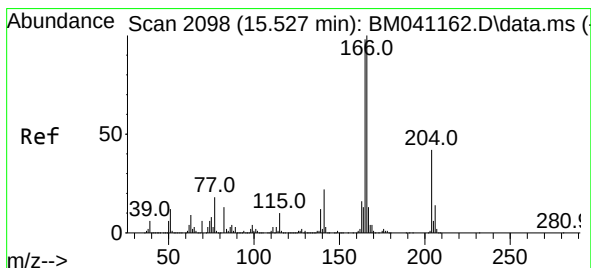
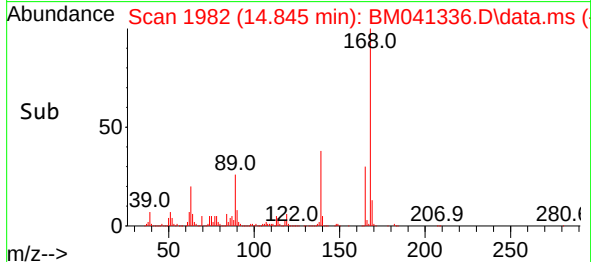
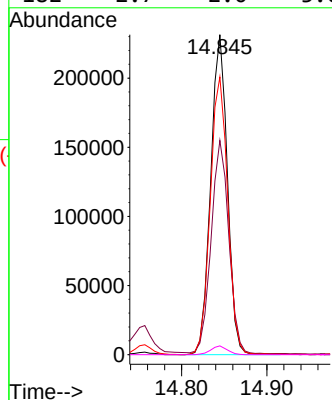
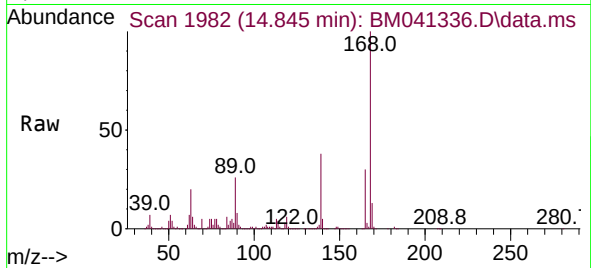




#57
2,4-Dinitrotoluene
Concen: 44.600 ng
RT: 14.845 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BM041336.D
Acq: 08 Aug 2023 19:50

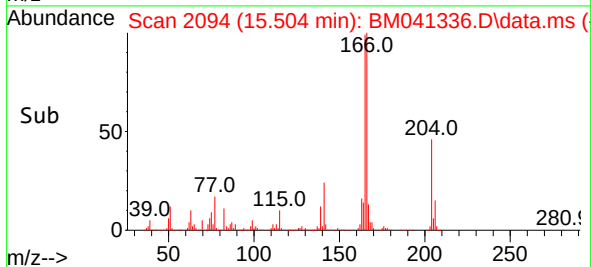
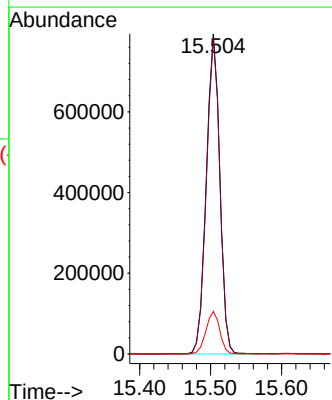
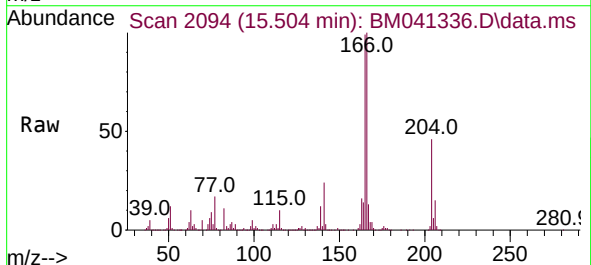
Instrument :
BNA_M
ClientSampleId :
TP-36MS

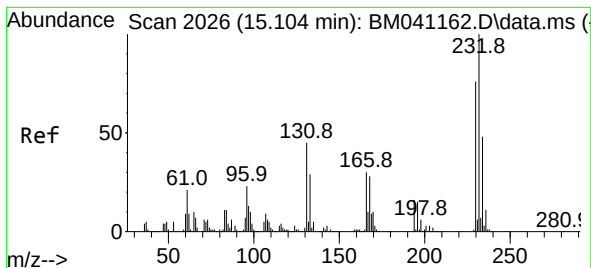
Tgt Ion:165 Resp: 314843
Ion Ratio Lower Upper
165 100
63 66.9 48.3 72.5
89 86.8 71.8 107.8
182 2.7 2.0 3.0



#58
Fluorene
Concen: 43.242 ng
RT: 15.504 min Scan# 2094
Delta R.T. -0.006 min
Lab File: BM041336.D
Acq: 08 Aug 2023 19:50

Tgt Ion:166 Resp: 1043691
Ion Ratio Lower Upper
166 100
165 98.6 78.2 117.4
167 13.3 10.6 16.0

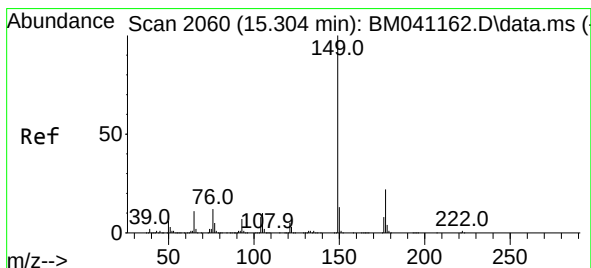
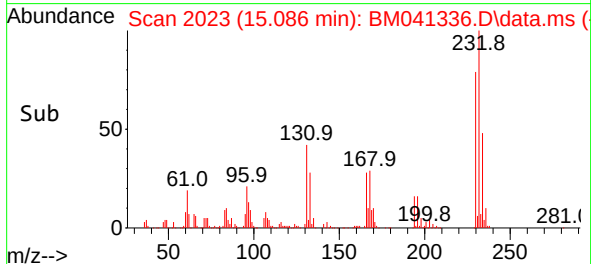
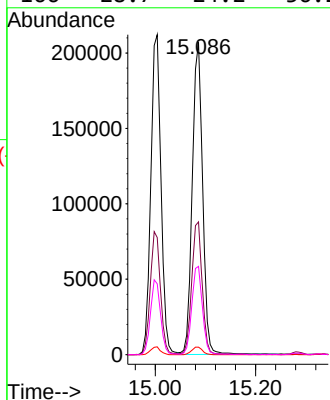
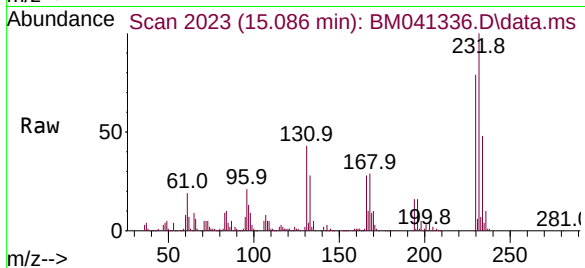




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.662 ng
RT: 15.086 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM041336.D
Acq: 08 Aug 2023 19:50

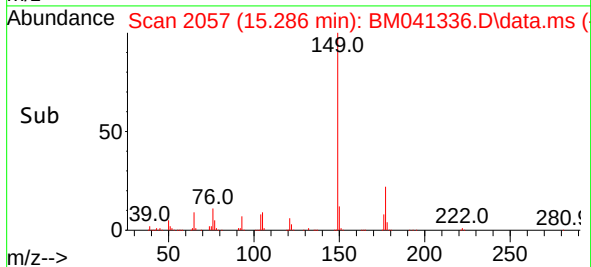
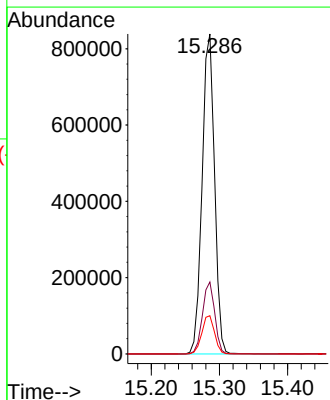
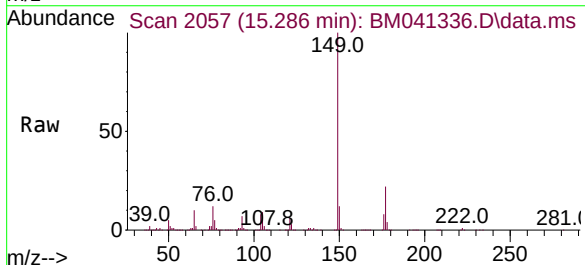
Instrument :
BNA_M
ClientSampleId :
TP-36MS

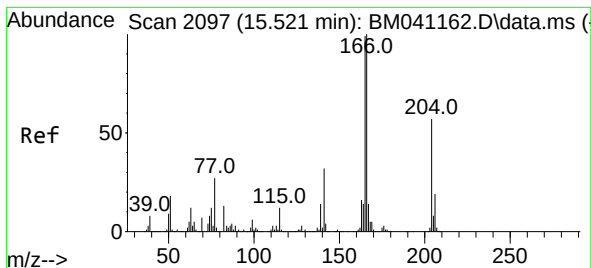
Tgt Ion:232 Resp: 296195
Ion Ratio Lower Upper
232 100
131 42.6 36.9 55.3
130 2.5 2.0 3.0
166 28.7 24.2 36.2



#60
Diethylphthalate
Concen: 45.886 ng
RT: 15.286 min Scan# 2057
Delta R.T. -0.000 min
Lab File: BM041336.D
Acq: 08 Aug 2023 19:50

Tgt Ion:149 Resp: 1063435
Ion Ratio Lower Upper
149 100
177 22.5 17.5 26.3
150 11.9 10.1 15.1

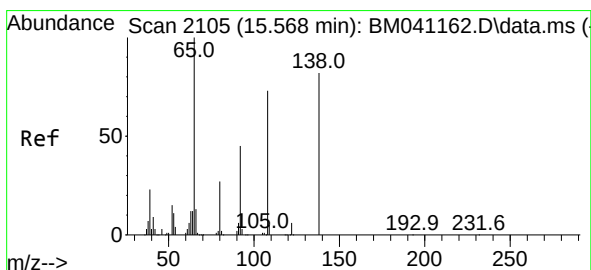
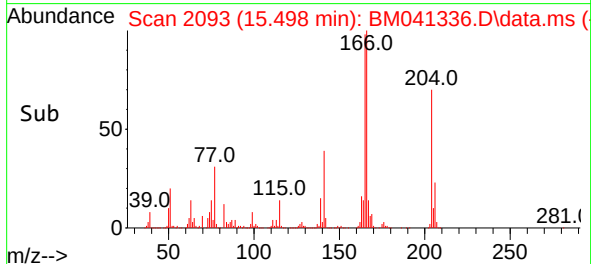
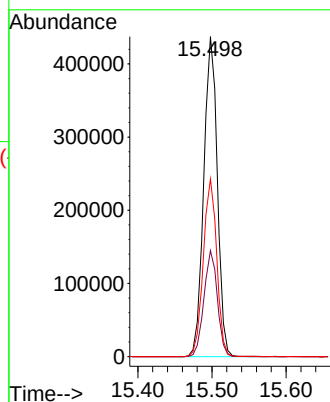
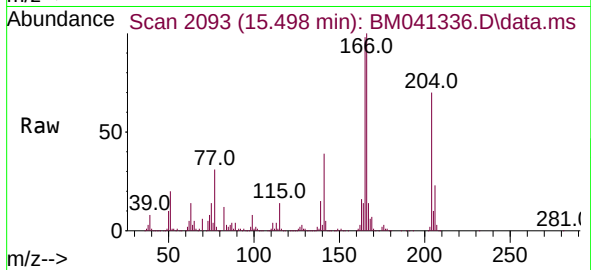




#61
4-Chlorophenyl-phenylether
Concen: 45.952 ng
RT: 15.498 min Scan# 2097
Delta R.T. -0.006 min
Lab File: BM041336.D
Acq: 08 Aug 2023 19:50

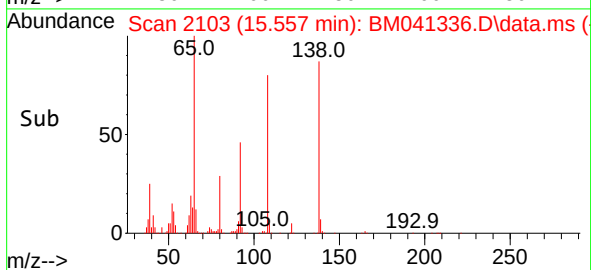
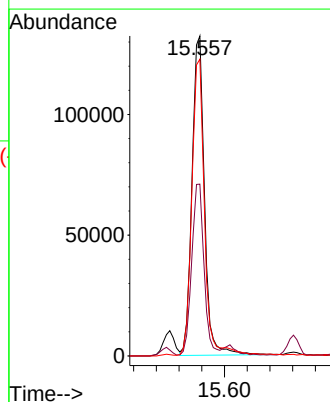
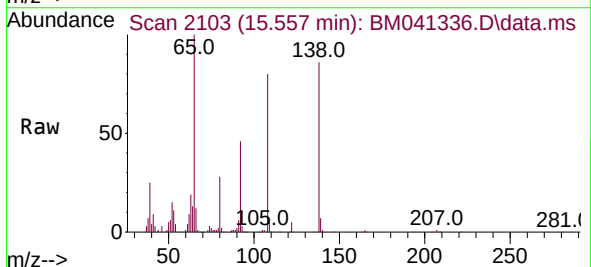
Instrument :
BNA_M
ClientSampleId :
TP-36MS

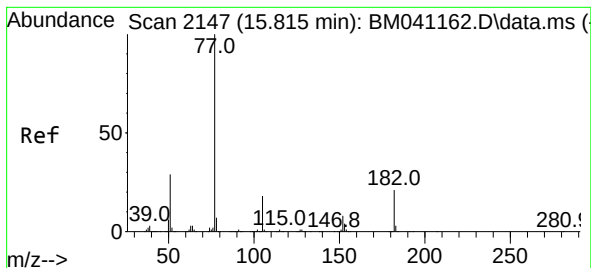
Tgt Ion:204 Resp: 555777
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 55.5 44.8 67.2



#62
4-Nitroaniline
Concen: 38.939 ng
RT: 15.557 min Scan# 2103
Delta R.T. -0.000 min
Lab File: BM041336.D
Acq: 08 Aug 2023 19:50

Tgt Ion:138 Resp: 201688
Ion Ratio Lower Upper
138 100
92 53.7 35.1 75.1
108 92.7 67.8 107.8





#63

Azobenzene

Concen: 43.153 ng

RT: 15.792 min Scan# 2143

Delta R.T. -0.006 min

Lab File: BM041336.D

Acq: 08 Aug 2023 19:50

Instrument :

BNA_M

ClientSampleId :

TP-36MS

Tgt Ion: 77 Resp: 1095495

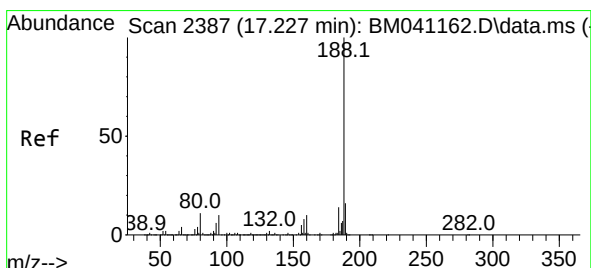
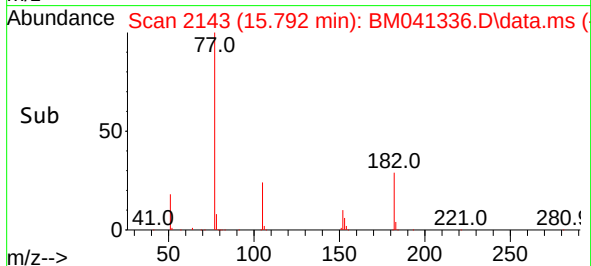
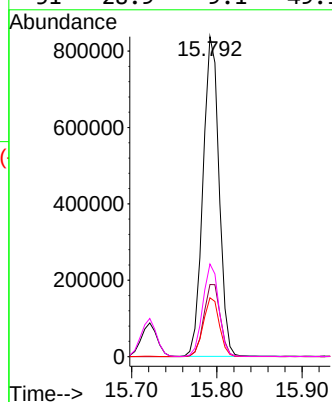
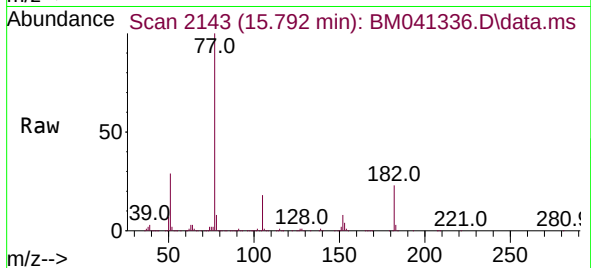
Ion Ratio Lower Upper

77 100

182 22.5 1.3 41.3

105 18.4 0.0 38.5

51 28.9 9.1 49.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.209 min Scan# 2384

Delta R.T. -0.006 min

Lab File: BM041336.D

Acq: 08 Aug 2023 19:50

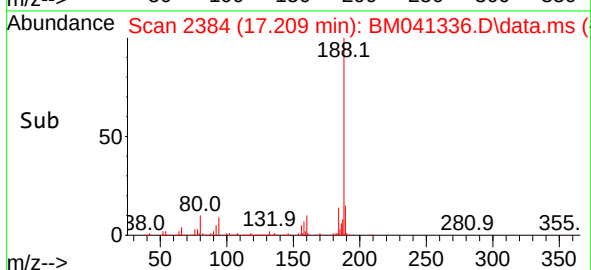
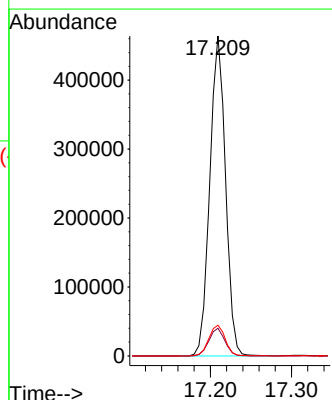
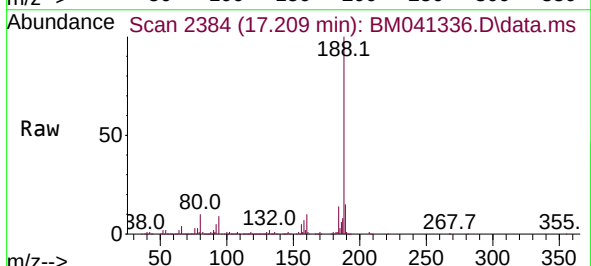
Tgt Ion: 188 Resp: 625181

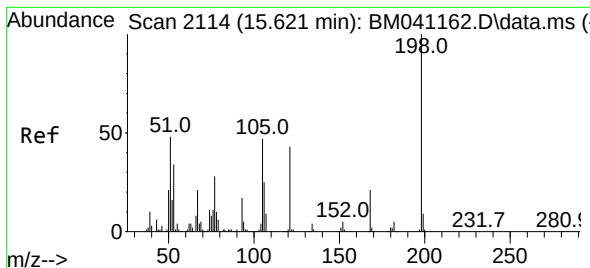
Ion Ratio Lower Upper

188 100

94 8.6 8.2 12.2

80 9.6 8.6 13.0

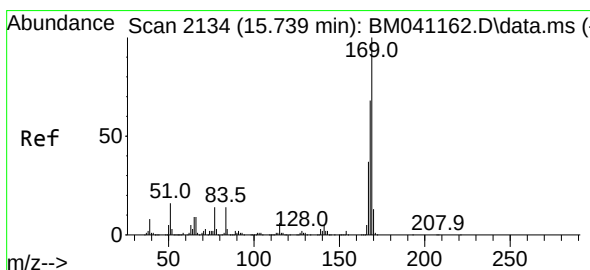
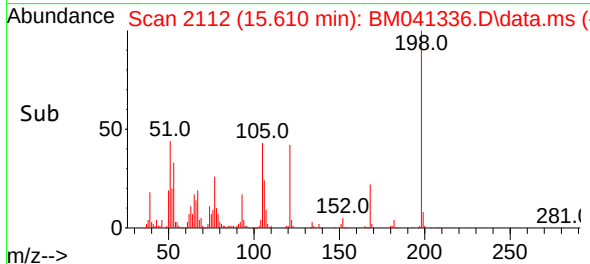
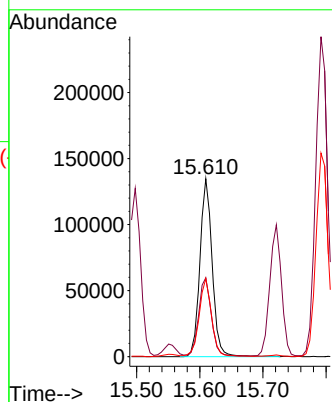
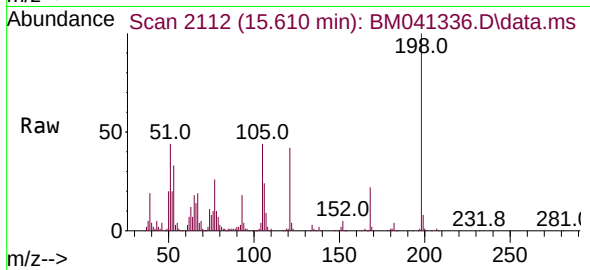




#65
4,6-Dinitro-2-methylphenol
Concen: 47.903 ng
RT: 15.610 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BM041336.D
Acq: 08 Aug 2023 19:50

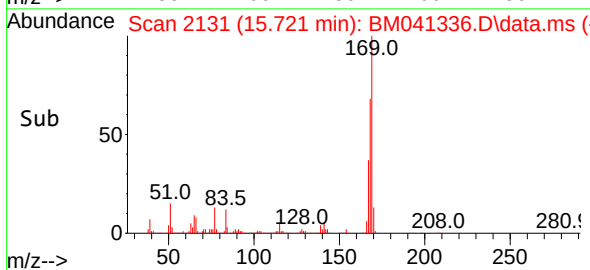
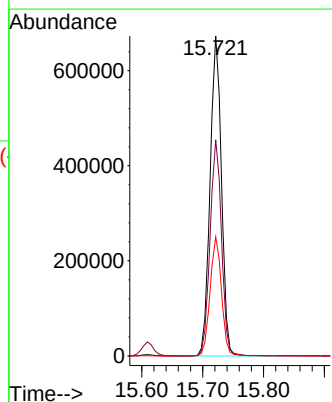
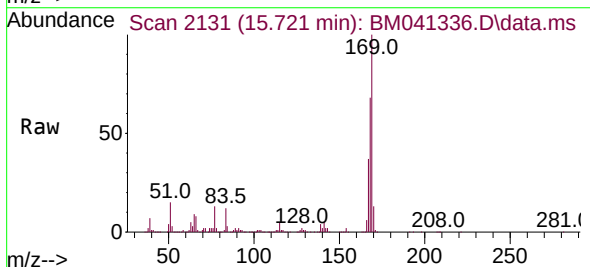
Instrument :
BNA_M
ClientSampleId :
TP-36MS

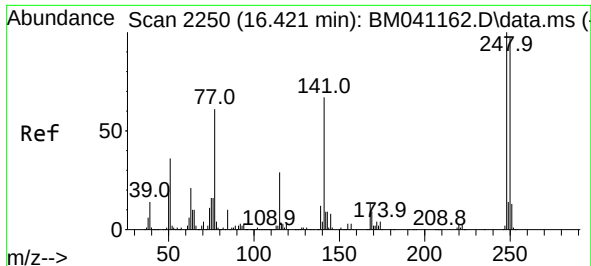
Tgt Ion:198 Resp: 181422
Ion Ratio Lower Upper
198 100
51 44.3 31.7 71.7
105 43.9 27.8 67.8



#66
n-Nitrosodiphenylamine
Concen: 44.797 ng
RT: 15.721 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BM041336.D
Acq: 08 Aug 2023 19:50

Tgt Ion:169 Resp: 871021
Ion Ratio Lower Upper
169 100
168 67.5 54.6 81.8
167 37.2 29.9 44.9

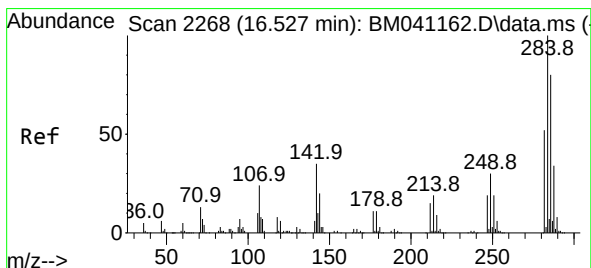
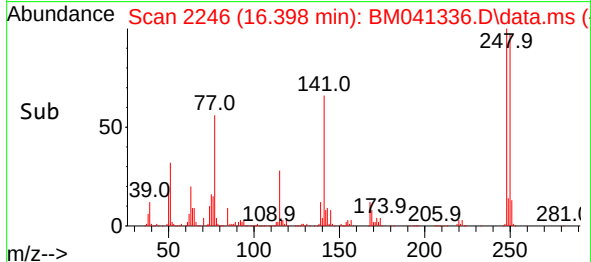
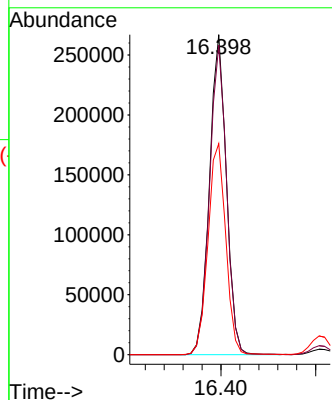
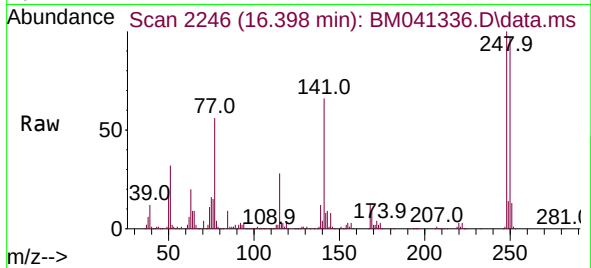




#67
4-Bromophenyl-phenylether
Concen: 48.378 ng
RT: 16.398 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041336.D
Acq: 08 Aug 2023 19:50

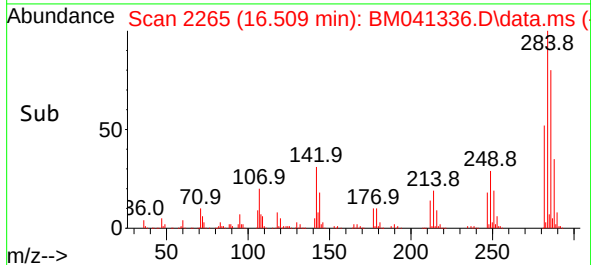
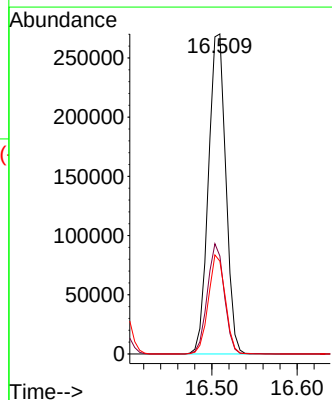
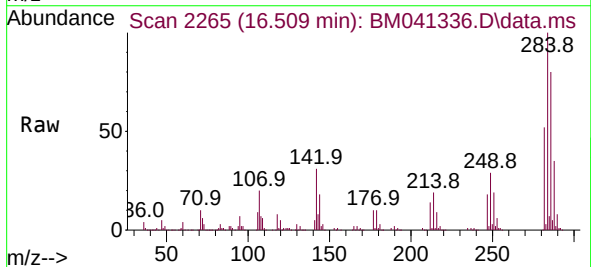
Instrument :
BNA_M
ClientSampleId :
TP-36MS

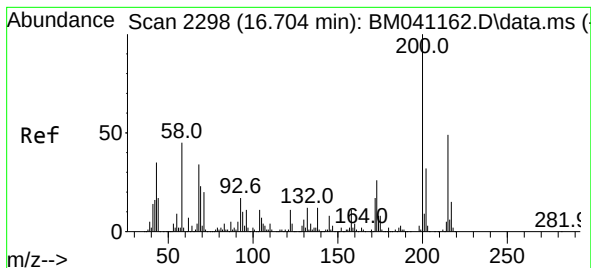
Tgt Ion:248 Resp: 331611
Ion Ratio Lower Upper
248 100
250 96.7 78.0 117.0
141 65.9 53.8 80.8



#68
Hexachlorobenzene
Concen: 50.145 ng
RT: 16.509 min Scan# 2265
Delta R.T. -0.000 min
Lab File: BM041336.D
Acq: 08 Aug 2023 19:50

Tgt Ion:284 Resp: 382205
Ion Ratio Lower Upper
284 100
142 30.6 28.0 42.0
249 29.0 23.7 35.5





#69

Atrazine

Concen: 61.053 ng

RT: 16.686 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041336.D

Acq: 08 Aug 2023 19:50

Instrument :

BNA_M

ClientSampleId :

TP-36MS

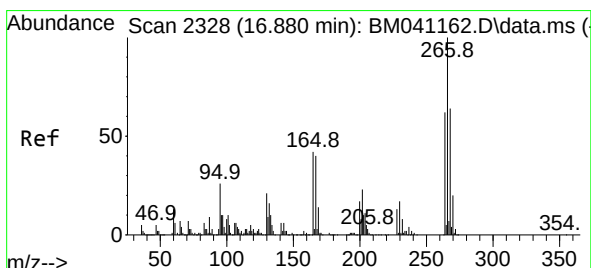
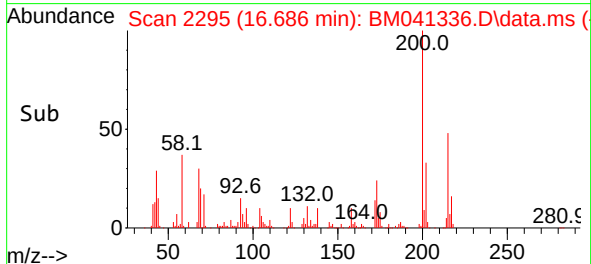
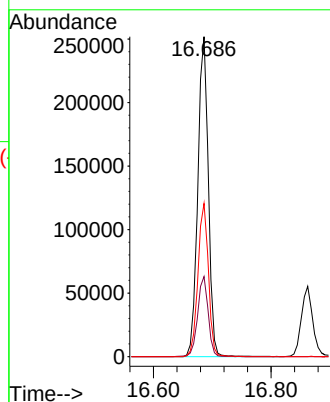
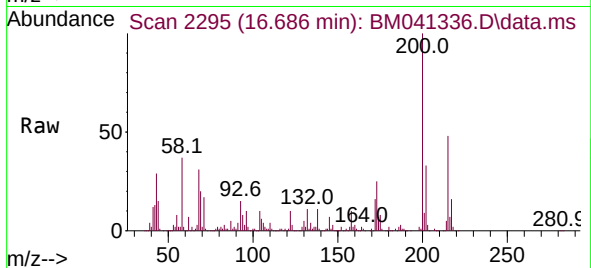
Tgt Ion:200 Resp: 311747

Ion Ratio Lower Upper

200 100

173 25.1 5.6 45.6

215 47.9 28.5 68.5



#70

Pentachlorophenol

Concen: 77.979 ng

RT: 16.862 min Scan# 2325

Delta R.T. -0.006 min

Lab File: BM041336.D

Acq: 08 Aug 2023 19:50

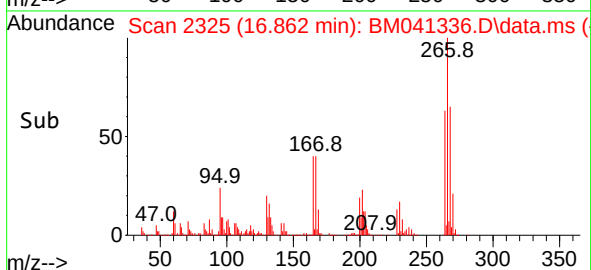
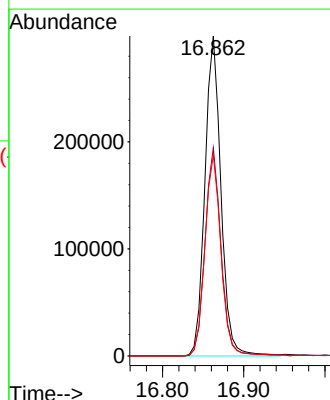
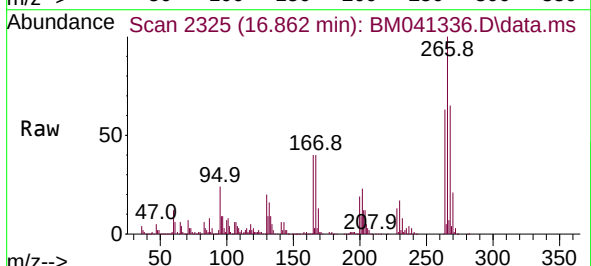
Tgt Ion:266 Resp: 411571

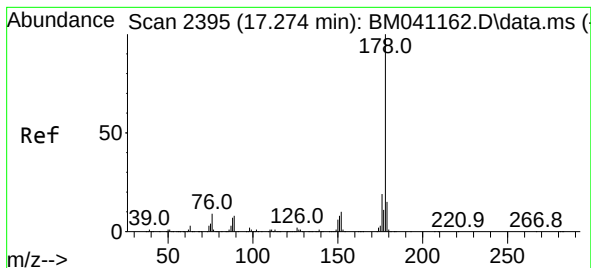
Ion Ratio Lower Upper

266 100

268 65.0 51.0 76.6

264 62.8 49.4 74.2





#71

Phenanthrene

Concen: 43.627 ng

RT: 17.251 min Scan# 2391

Delta R.T. -0.006 min

Lab File: BM041336.D

Acq: 08 Aug 2023 19:50

Instrument :

BNA_M

ClientSampleId :

TP-36MS

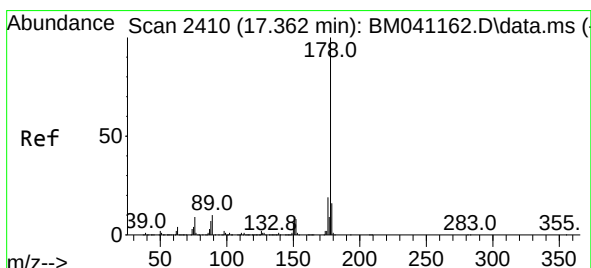
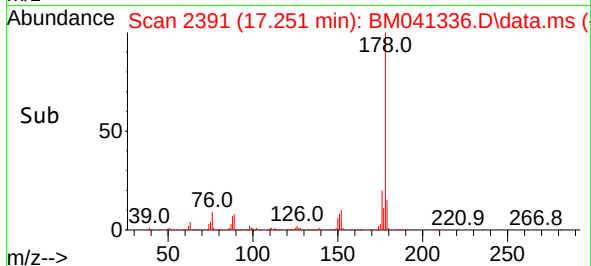
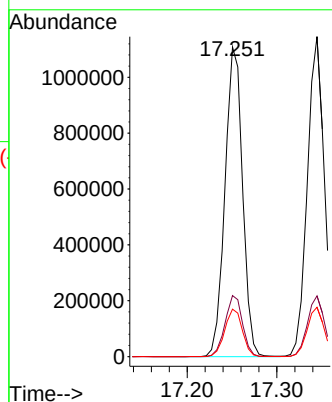
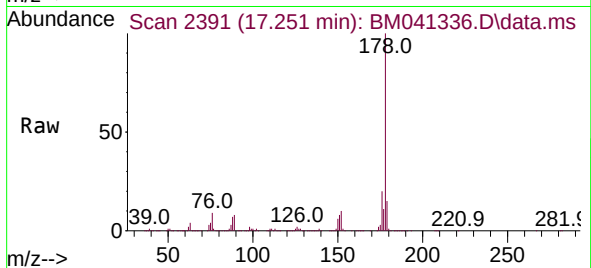
Tgt Ion:178 Resp: 1515407

Ion Ratio Lower Upper

178 100

176 19.7 15.6 23.4

179 15.3 12.1 18.1



#72

Anthracene

Concen: 44.432 ng

RT: 17.345 min Scan# 2407

Delta R.T. -0.006 min

Lab File: BM041336.D

Acq: 08 Aug 2023 19:50

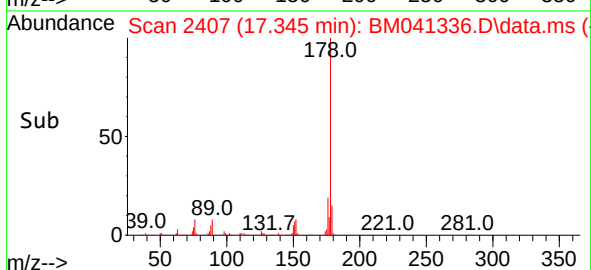
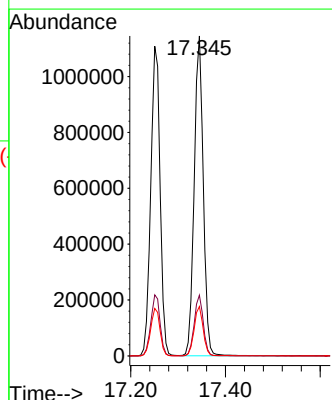
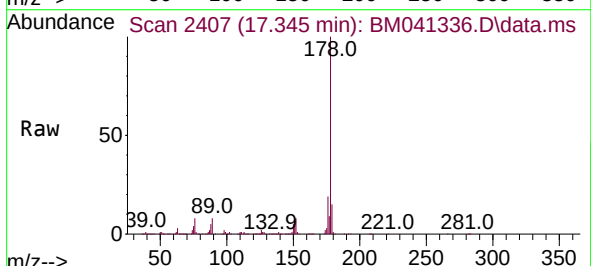
Tgt Ion:178 Resp: 1526408

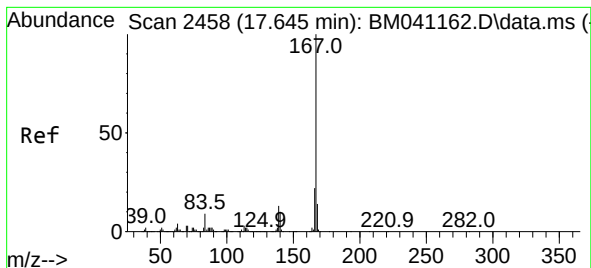
Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

179 15.4 12.4 18.6





#73

Carbazole

Concen: 42.648 ng

RT: 17.627 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM041336.D

Acq: 08 Aug 2023 19:50

Instrument :

BNA_M

ClientSampleId :

TP-36MS

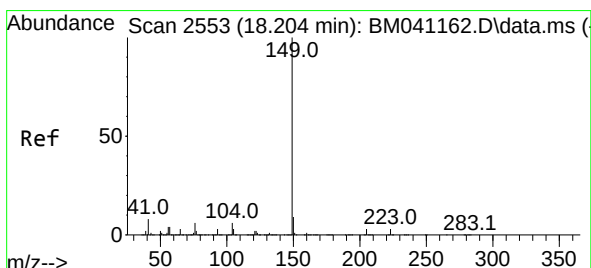
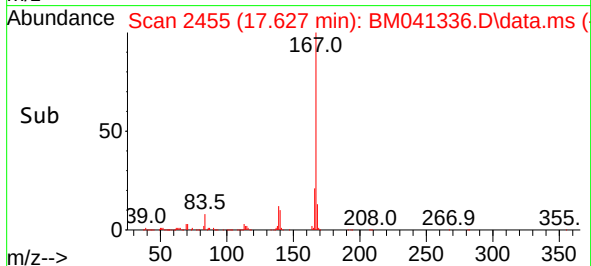
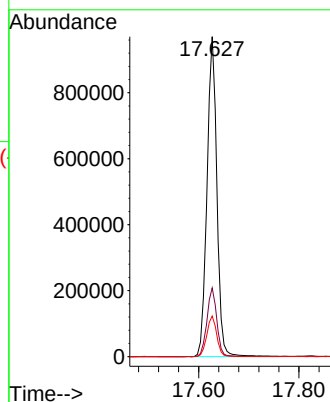
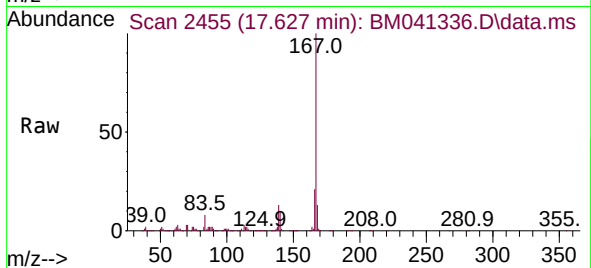
Tgt Ion:167 Resp: 1326095

Ion Ratio Lower Upper

167 100

166 21.5 17.3 25.9

139 12.7 10.3 15.5



#74

Di-n-butylphthalate

Concen: 50.052 ng

RT: 18.186 min Scan# 2550

Delta R.T. -0.000 min

Lab File: BM041336.D

Acq: 08 Aug 2023 19:50

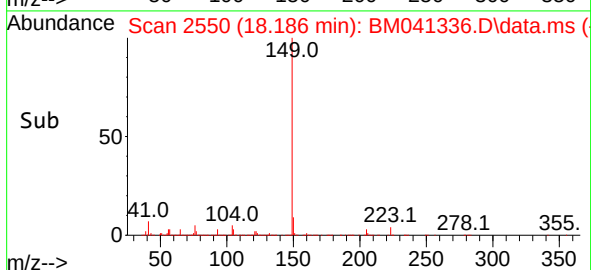
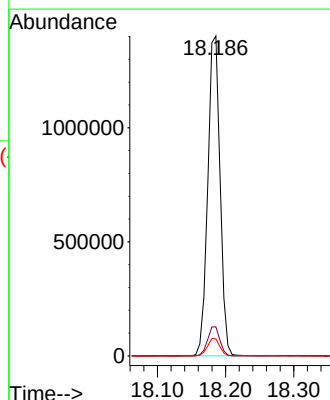
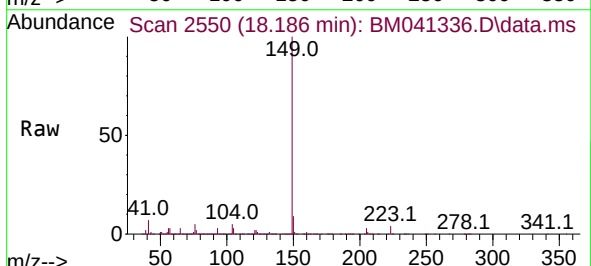
Tgt Ion:149 Resp: 1758644

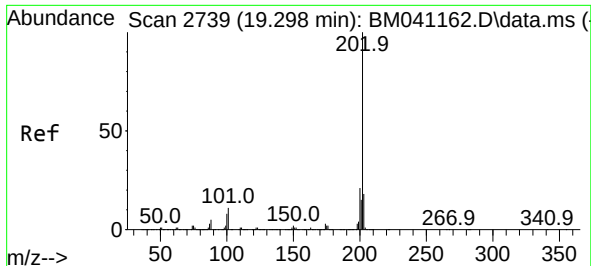
Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

104 5.3 4.5 6.7

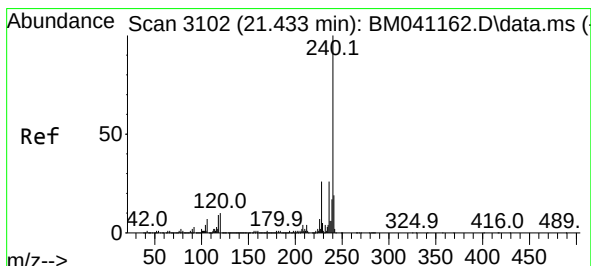
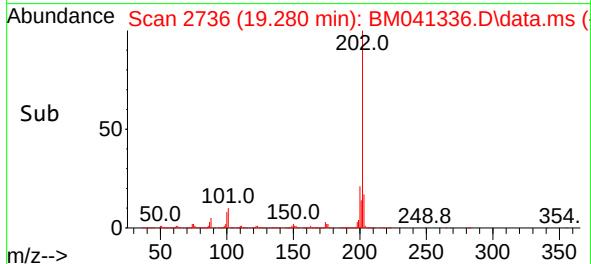
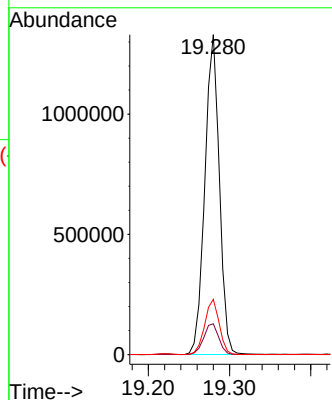
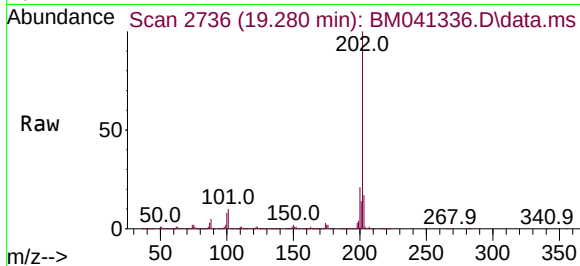




#75
Fluoranthene
Concen: 42.415 ng
RT: 19.280 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041336.D
Acq: 08 Aug 2023 19:50

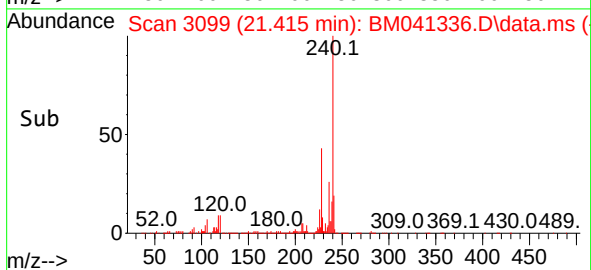
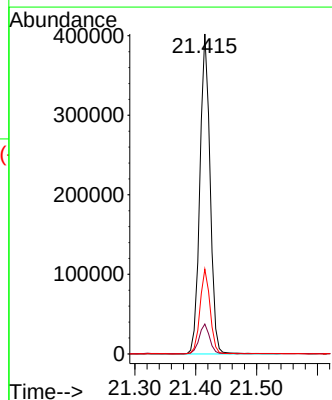
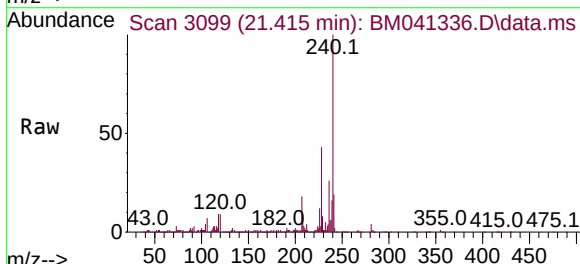
Instrument :
BNA_M
ClientSampleId :
TP-36MS

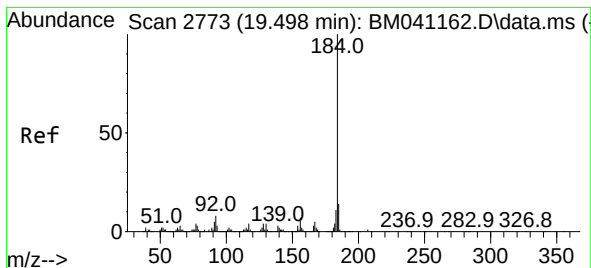
Tgt Ion:202 Resp: 1655236
Ion Ratio Lower Upper
202 100
101 9.6 0.0 30.8
203 17.3 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 3099
Delta R.T. -0.006 min
Lab File: BM041336.D
Acq: 08 Aug 2023 19:50

Tgt Ion:240 Resp: 468110
Ion Ratio Lower Upper
240 100
120 9.3 8.3 12.5
236 26.5 20.6 30.8





#77

Benzidine

Concen: 95.053 ng

RT: 19.480 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041336.D

Acq: 08 Aug 2023 19:50

Instrument :

BNA_M

ClientSampleId :

TP-36MS

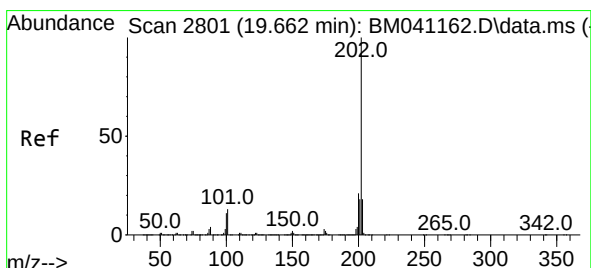
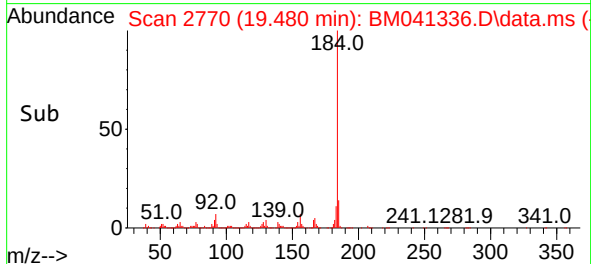
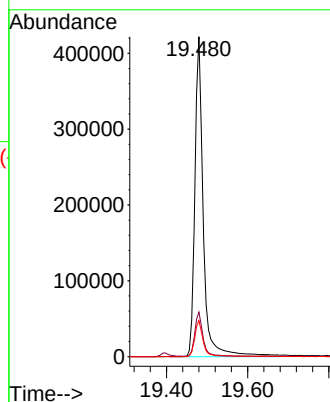
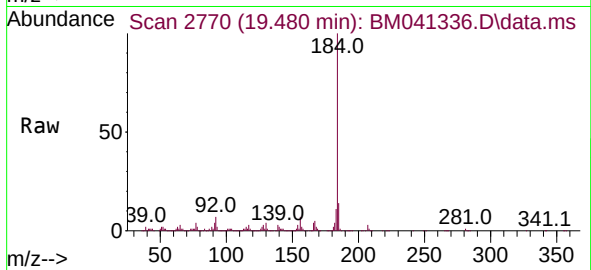
Tgt Ion:184 Resp: 606465

Ion Ratio Lower Upper

184 100

185 13.9 11.4 17.0

183 11.3 9.2 13.8



#78

Pyrene

Concen: 51.530 ng

RT: 19.645 min Scan# 2798

Delta R.T. -0.000 min

Lab File: BM041336.D

Acq: 08 Aug 2023 19:50

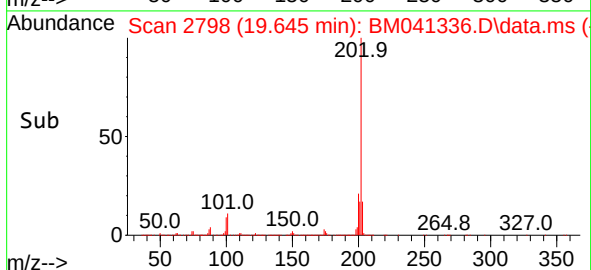
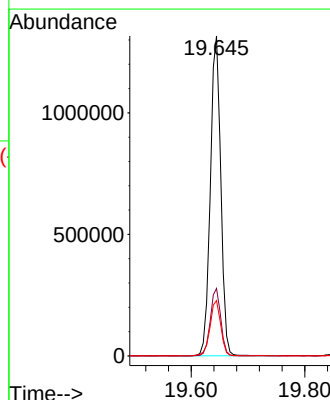
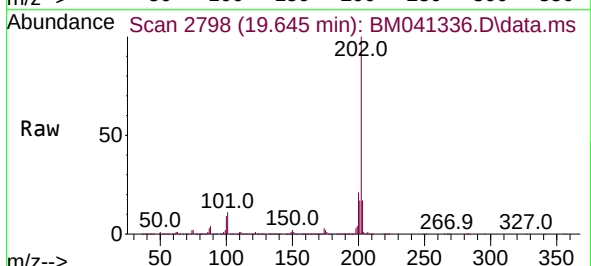
Tgt Ion:202 Resp: 1686876

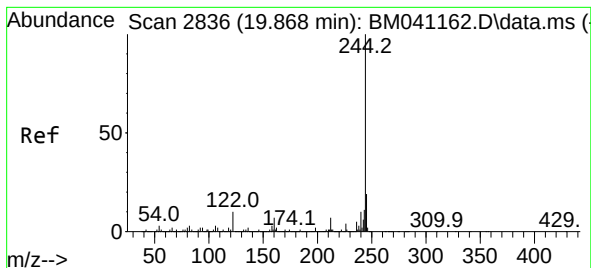
Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

203 17.3 14.1 21.1





#79

Terphenyl-d14

Concen: 69.896 ng

RT: 19.845 min Scan# 2832

Delta R.T. -0.006 min

Lab File: BM041336.D

Acq: 08 Aug 2023 19:50

Instrument :

BNA_M

ClientSampleId :

TP-36MS

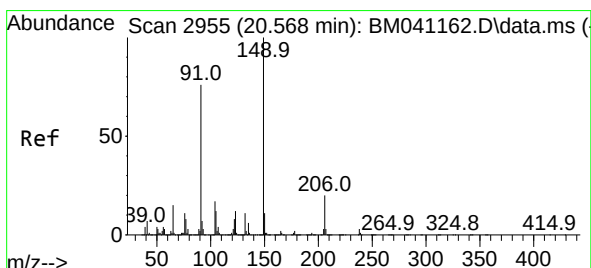
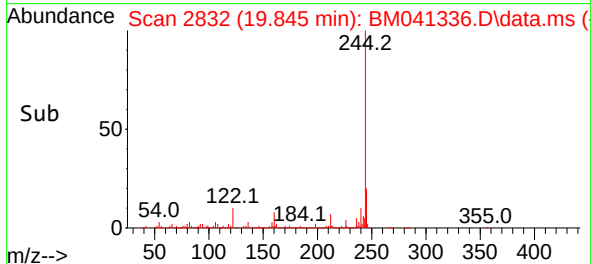
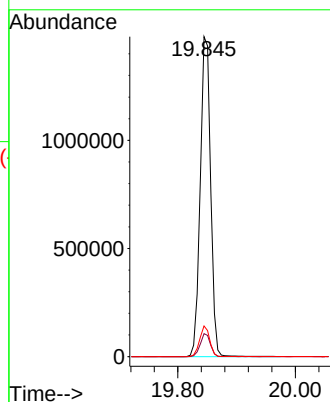
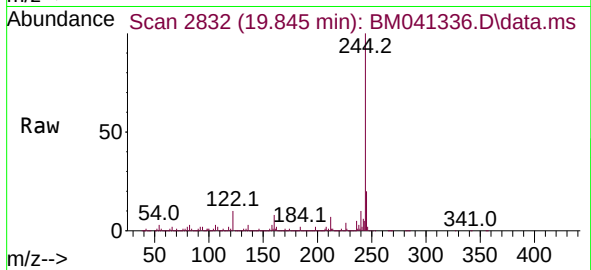
Tgt Ion:244 Resp: 1809638

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.2

122 9.6 7.8 11.6



#80

Butylbenzylphthalate

Concen: 56.714 ng

RT: 20.550 min Scan# 2952

Delta R.T. -0.000 min

Lab File: BM041336.D

Acq: 08 Aug 2023 19:50

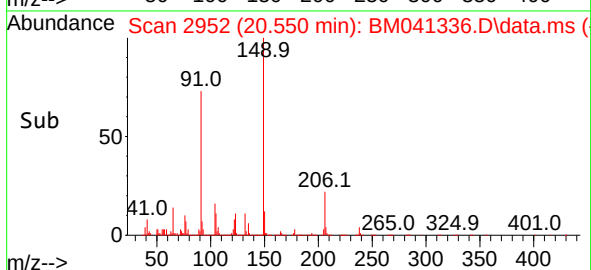
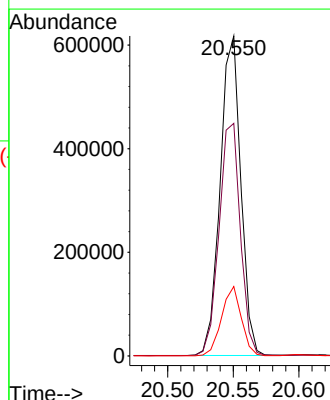
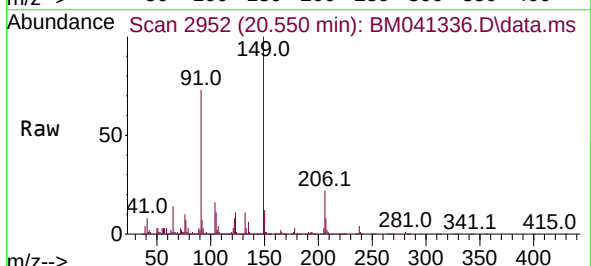
Tgt Ion:149 Resp: 677989

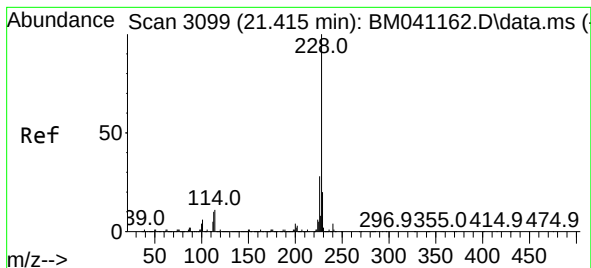
Ion Ratio Lower Upper

149 100

91 72.7 60.8 91.2

206 21.7 16.4 24.6





#81

Benzo(a)anthracene

Concen: 46.106 ng

RT: 21.397 min Scan# 30

Delta R.T. -0.006 min

Lab File: BM041336.D

Acq: 08 Aug 2023 19:50

Instrument :

BNA_M

ClientSampleId :

TP-36MS

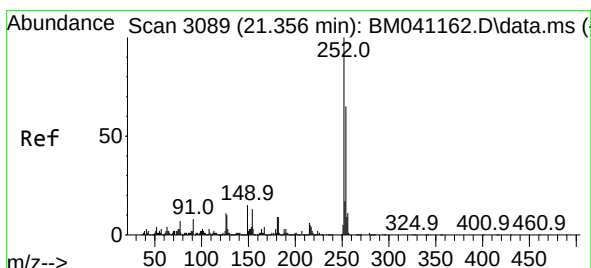
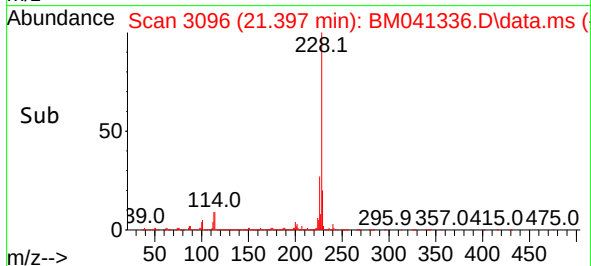
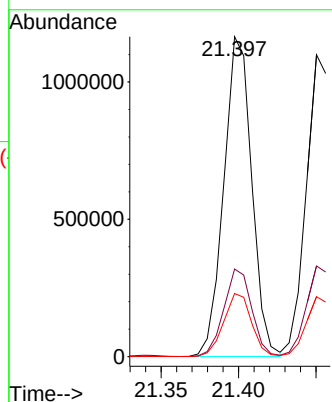
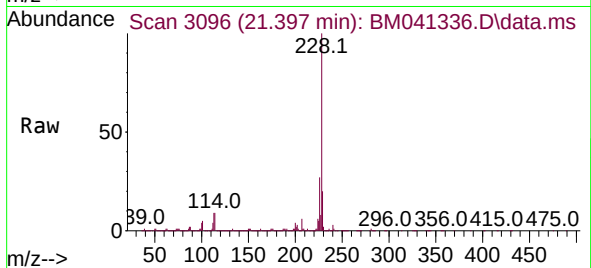
Tgt Ion:228 Resp: 1463139

Ion Ratio Lower Upper

228 100

226 27.4 22.4 33.6

229 19.7 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 36.991 ng

RT: 21.339 min Scan# 3086

Delta R.T. -0.006 min

Lab File: BM041336.D

Acq: 08 Aug 2023 19:50

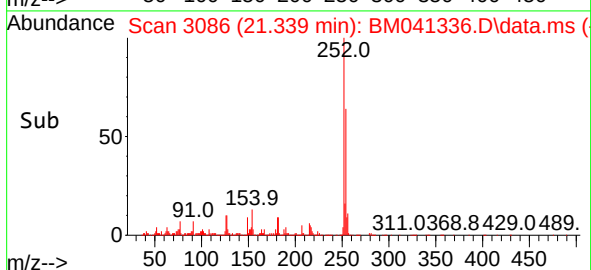
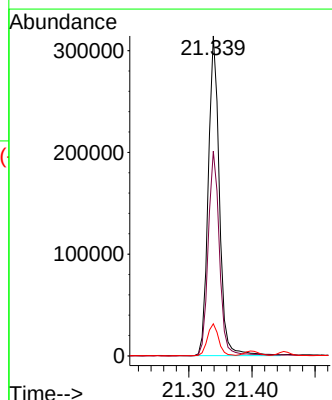
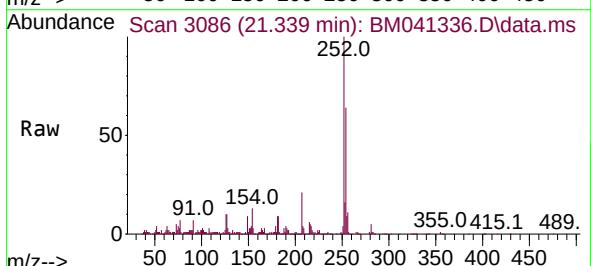
Tgt Ion:252 Resp: 383053

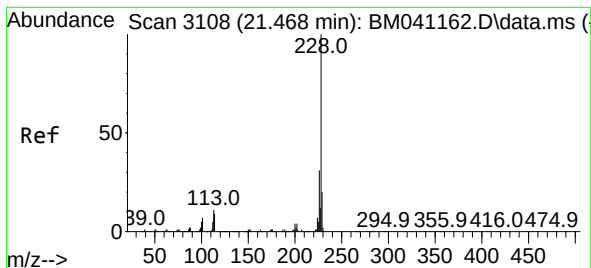
Ion Ratio Lower Upper

252 100

254 64.0 51.8 77.6

126 10.1 8.6 13.0





#83

Chrysene

Concen: 43.258 ng

RT: 21.450 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM041336.D

Acq: 08 Aug 2023 19:50

Instrument :

BNA_M

ClientSampleId :

TP-36MS

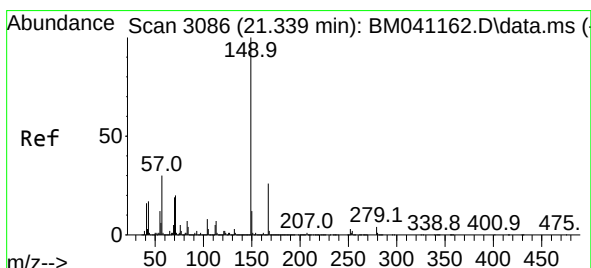
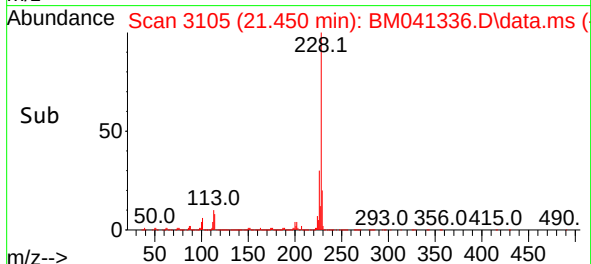
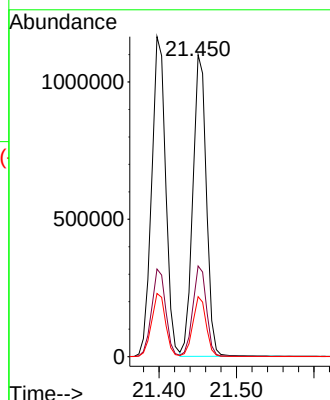
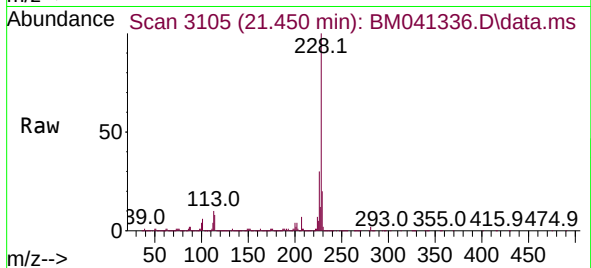
Tgt Ion:228 Resp: 1327788

Ion Ratio Lower Upper

228 100

226 30.0 24.5 36.7

229 19.9 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.544 ng

RT: 21.321 min Scan# 3083

Delta R.T. -0.006 min

Lab File: BM041336.D

Acq: 08 Aug 2023 19:50

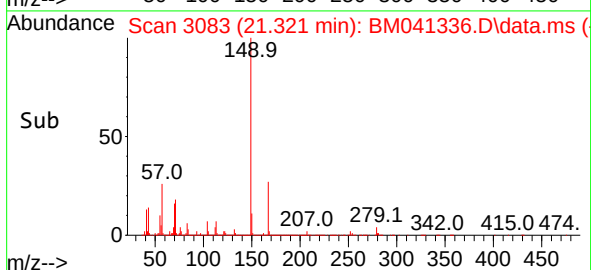
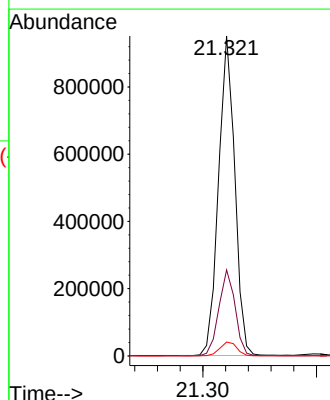
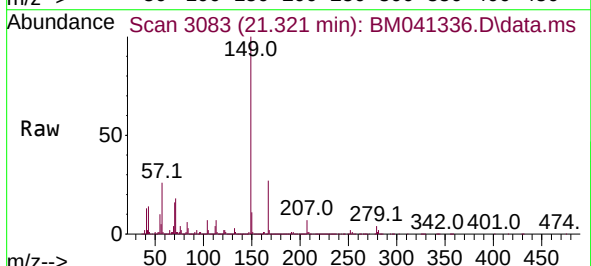
Tgt Ion:149 Resp: 942203

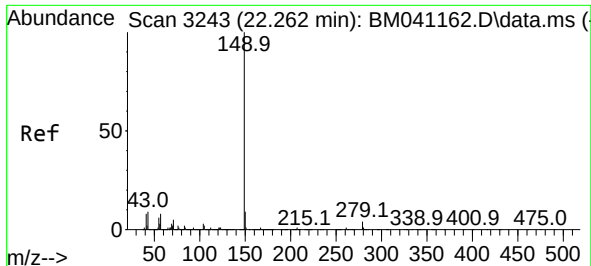
Ion Ratio Lower Upper

149 100

167 26.9 21.0 31.6

279 4.3 3.1 4.7

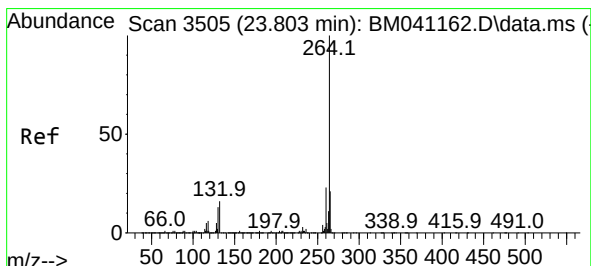
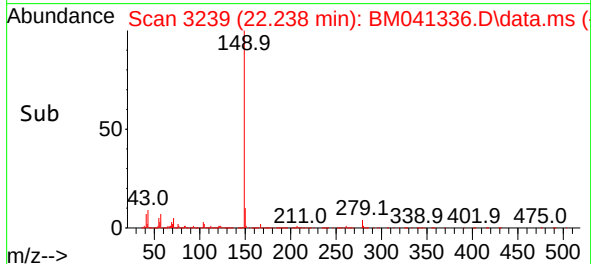
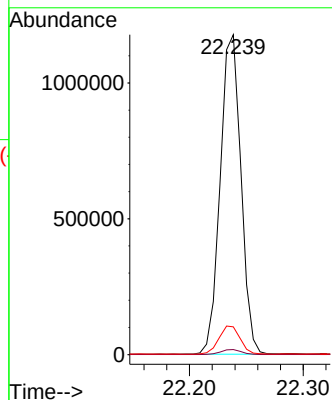
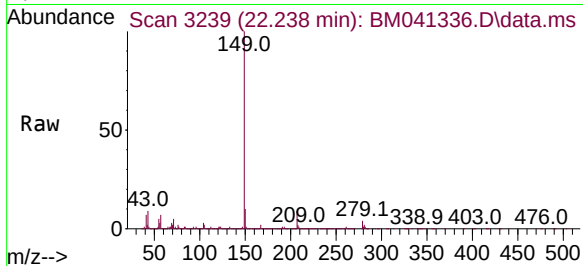




#85
Di-n-octyl phthalate
Concen: 49.277 ng
RT: 22.238 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM041336.D
Acq: 08 Aug 2023 19:50

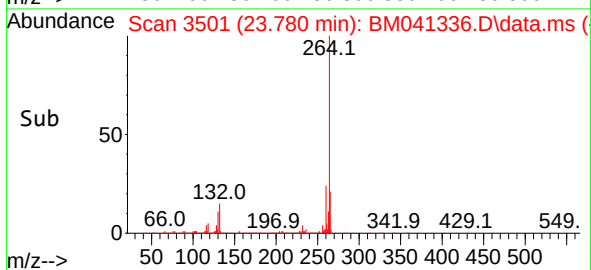
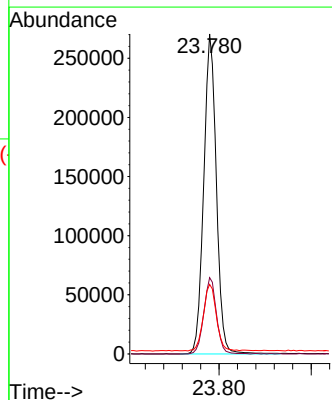
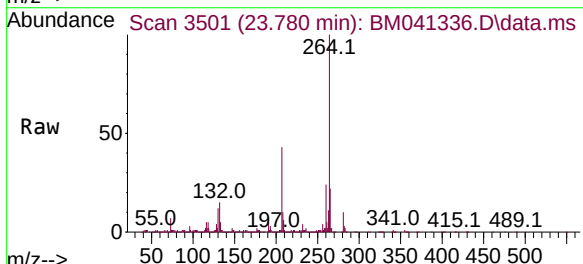
Instrument :
BNA_M
ClientSampleId :
TP-36MS

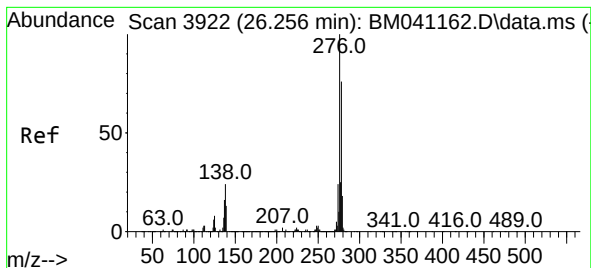
Tgt Ion:149 Resp: 1488790
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.0 8.3 12.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.780 min Scan# 3501
Delta R.T. -0.006 min
Lab File: BM041336.D
Acq: 08 Aug 2023 19:50

Tgt Ion:264 Resp: 511798
Ion Ratio Lower Upper
264 100
260 23.8 18.5 27.7
265 21.7 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.865 ng

RT: 26.232 min Scan# 3922

Delta R.T. -0.012 min

Lab File: BM041336.D

Acq: 08 Aug 2023 19:50

Instrument :

BNA_M

ClientSampleId :

TP-36MS

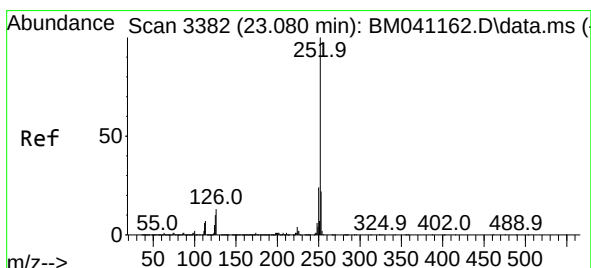
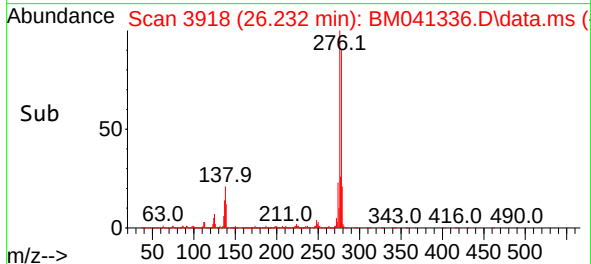
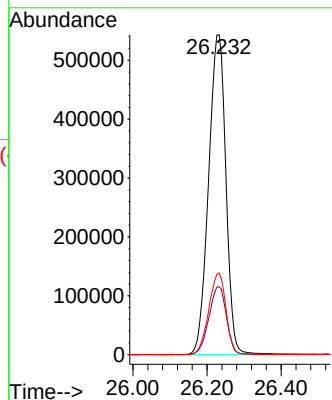
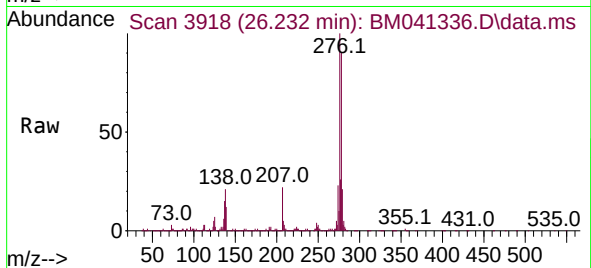
Tgt Ion:276 Resp: 1763443

Ion Ratio Lower Upper

276 100

138 21.5 20.0 30.0

277 25.4 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 45.970 ng

RT: 23.062 min Scan# 3379

Delta R.T. -0.012 min

Lab File: BM041336.D

Acq: 08 Aug 2023 19:50

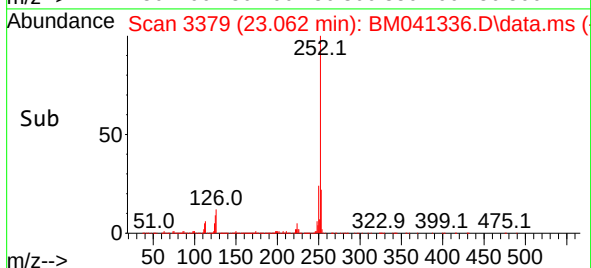
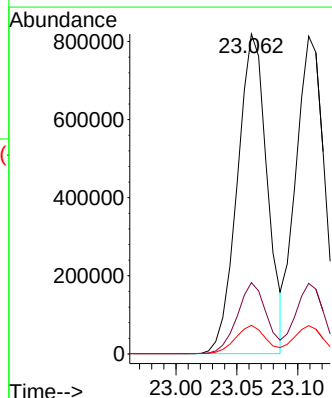
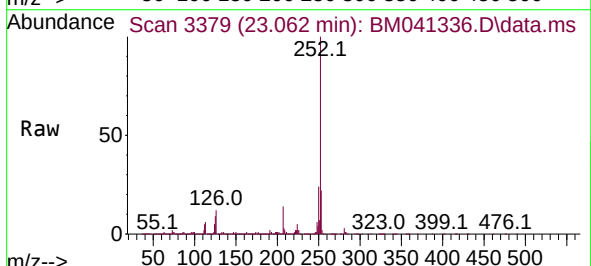
Tgt Ion:252 Resp: 1397670

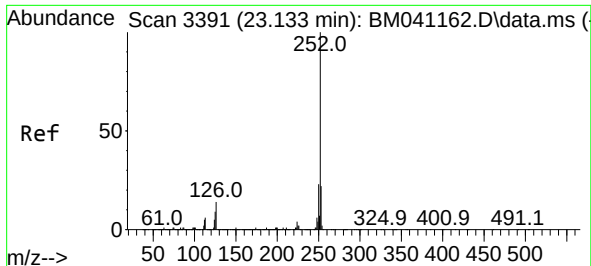
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 8.9 8.2 12.4

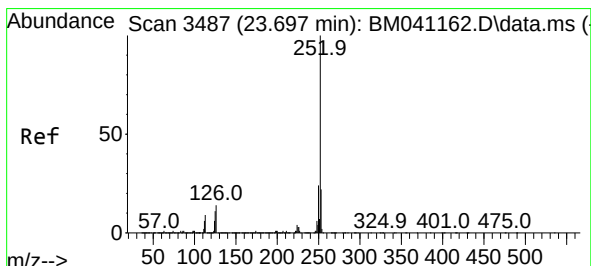
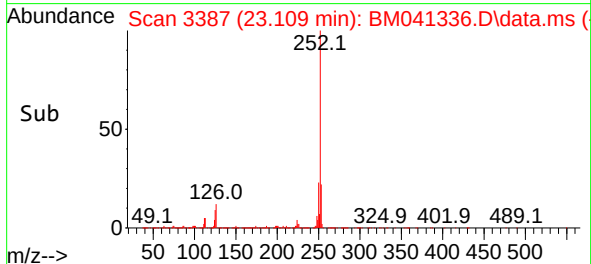
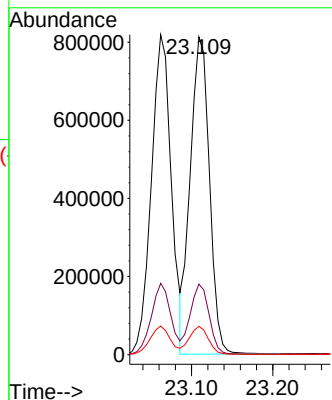
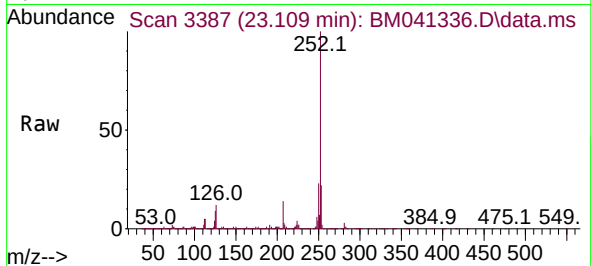




#89
Benzo(k)fluoranthene
Concen: 42.876 ng
RT: 23.109 min Scan# 3391
Delta R.T. -0.012 min
Lab File: BM041336.D
Acq: 08 Aug 2023 19:50

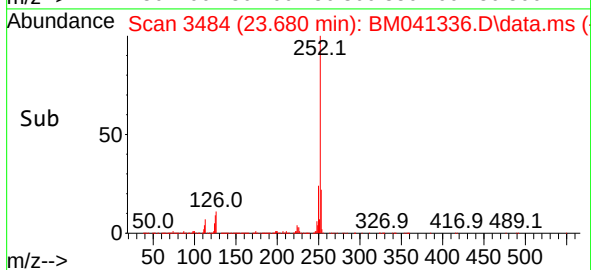
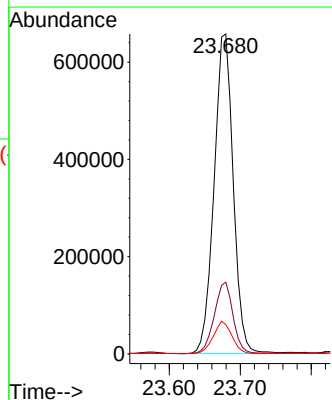
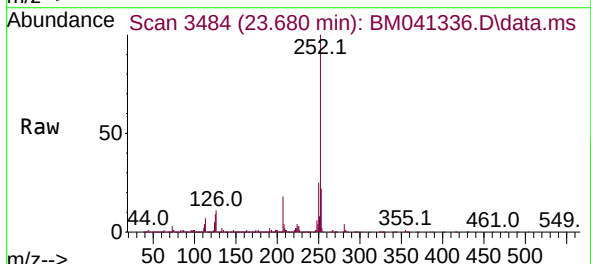
Instrument :
BNA_M
ClientSampleId :
TP-36MS

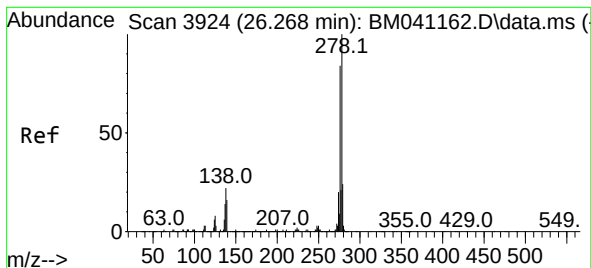
Tgt Ion:252 Resp: 1333461
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 8.9 7.6 11.4



#90
Benzo(a)pyrene
Concen: 42.168 ng
RT: 23.680 min Scan# 3484
Delta R.T. -0.006 min
Lab File: BM041336.D
Acq: 08 Aug 2023 19:50

Tgt Ion:252 Resp: 1231898
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 9.1 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 47.068 ng

RT: 26.238 min Scan# 39

Delta R.T. -0.018 min

Lab File: BM041336.D

Acq: 08 Aug 2023 19:50

Instrument :

BNA_M

ClientSampleId :

TP-36MS

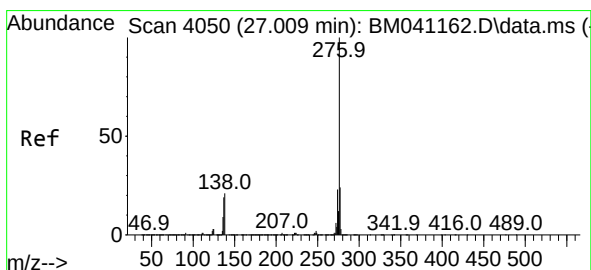
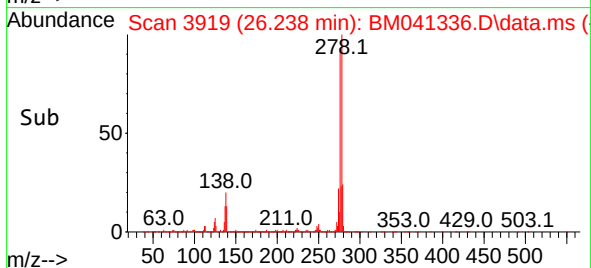
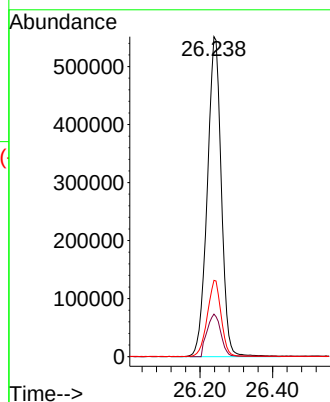
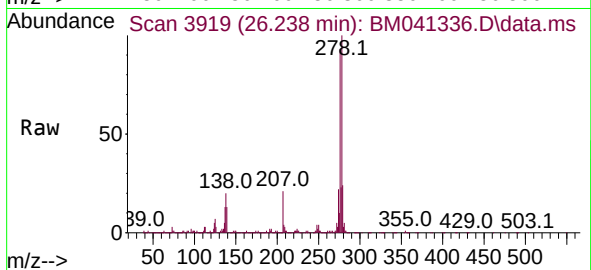
Tgt Ion:278 Resp: 1477236

Ion Ratio Lower Upper

278 100

139 13.3 12.7 19.1

279 23.8 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 46.301 ng

RT: 26.979 min Scan# 4045

Delta R.T. -0.018 min

Lab File: BM041336.D

Acq: 08 Aug 2023 19:50

Tgt Ion:276 Resp: 1421892

Ion Ratio Lower Upper

276 100

277 23.6 19.1 28.7

138 18.1 17.1 25.7

