

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
 Data File : BM042575.D
 Acq On : 03 Nov 2023 17:59
 Operator : MA/JU
 Sample : 05220-06MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 Z-7(0-5)MSD

Quant Time: Nov 03 22:39:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:52:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	49979	20.000	ng	0.00
21) Naphthalene-d8	10.733	136	182795	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	112829	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	256498	20.000	ng	# 0.00
76) Chrysene-d12	21.509	240	269024	20.000	ng	0.00
86) Perylene-d12	23.933	264	284450	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	269330	86.970	ng	0.01
7) Phenol-d6	7.087	99	348549	82.066	ng	0.01
23) Nitrobenzene-d5	9.116	82	247459	63.107	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	157309	106.789	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	491664	58.636	ng	0.00
79) Terphenyl-d14	19.933	244	885519	55.813	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.305	88	55205	37.405	ng	96
3) Pyridine	3.728	79	134709	31.818	ng	95
4) n-Nitrosodimethylamine	3.657	42	110616	54.292	ng	# 79
6) Aniline	7.263	93	188610	34.936	ng	98
8) 2-Chlorophenol	7.475	128	159854	47.871	ng	98
9) Benzaldehyde	7.075	77	42278	17.272	ng	95
10) Phenol	7.110	94	204902	47.503	ng	90
11) bis(2-Chloroethyl)ether	7.357	93	163266	44.741	ng	99
12) 1,3-Dichlorobenzene	7.792	146	179370	49.702	ng	97
13) 1,4-Dichlorobenzene	7.957	146	793983	217.386	ng	97
14) 1,2-Dichlorobenzene	8.263	146	174146	49.385	ng	99
15) Benzyl Alcohol	8.181	79	158982	52.874	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.428	45	155975	26.859	ng	99
17) 2-Methylphenol	8.369	107	132875	43.505	ng	96
18) Hexachloroethane	8.975	117	66944	46.843	ng	92
19) n-Nitroso-di-n-propyla...	8.734	70	136834	45.543	ng	92
20) 3+4-Methylphenols	8.704	107	181022	44.331	ng	94
22) Acetophenone	8.769	105	245617	53.277	ng	# 96
24) Nitrobenzene	9.163	77	204106	52.847	ng	99
25) Isophorone	9.669	82	363521	52.376	ng	98
26) 2-Nitrophenol	9.863	139	85369	51.687	ng	# 94
27) 2,4-Dimethylphenol	9.904	122	124087	46.734	ng	92
28) bis(2-Chloroethoxy)met...	10.157	93	207354	49.590	ng	100
29) 2,4-Dichlorophenol	10.386	162	152844	58.178	ng	99
30) 1,2,4-Trichlorobenzene	10.586	180	170939	59.371	ng	99
31) Naphthalene	10.786	128	540788	57.262	ng	100
32) Benzoic acid	10.069	122	110367	50.841	ng	94
33) 4-Chloroaniline	10.933	127	136188	36.983	ng	98
34) Hexachlorobutadiene	11.010	225	115519	66.084	ng	99
35) Caprolactam	11.769	113	30320	32.847	ng	96
36) 4-Chloro-3-methylphenol	12.039	107	157728	52.754	ng	99
37) 2-Methylnaphthalene	12.392	142	348029	52.326	ng	98
38) 1-Methylnaphthalene	12.616	142	337143	53.852	ng	100
40) 1,2,4,5-Tetrachloroben...	12.745	216	198050	58.756	ng	99
41) Hexachlorocyclopentadiene	12.686	237	34685	21.954	ng	99
43) 2,4,6-Trichlorophenol	13.004	196	127929	59.255	ng	97

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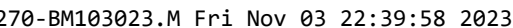
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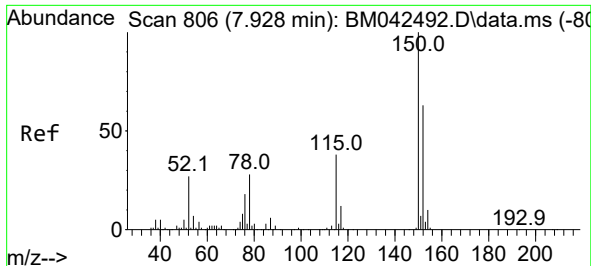
Quant Time: Nov 03 22:39:53 2023
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.080	196	139126	54.153	ng	96
46) 1,1'-Biphenyl	13.404	154	455544	52.818	ng	98
47) 2-Chloronaphthalene	13.451	162	340193	53.766	ng	100
48) 2-Nitroaniline	13.692	65	124707	48.787	ng	99
49) Acenaphthylene	14.298	152	879777	83.957	ng	99
50) Dimethylphthalate	14.033	163	425505	50.458	ng	99
51) 2,6-Dinitrotoluene	14.186	165	90801	52.245	ng	99
52) Acenaphthene	14.633	154	376238	59.160	ng	98
53) 3-Nitroaniline	14.521	138	75311	39.489	ng	97
54) 2,4-Dinitrophenol	14.733	184	47896	42.823	ng	96
55) Dibenzofuran	14.968	168	620427	60.002	ng	99
56) 4-Nitrophenol	14.827	139	152439	95.087	ng	92
57) 2,4-Dinitrotoluene	14.968	165	127656	48.431	ng	95
58) Fluorene	15.615	166	539942	64.539	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.192	232	126145	58.295	ng	# 96
60) Diethylphthalate	15.380	149	446657	52.281	ng	99
61) 4-Chlorophenyl-phenyle...	15.604	204	232667	55.048	ng	99
62) 4-Nitroaniline	15.686	138	80161	46.281	ng	# 86
63) Azobenzene	15.904	77	484866	51.502	ng	90
65) 4,6-Dinitro-2-methylph...	15.721	198	34472	24.199	ng	94
66) n-Nitrosodiphenylamine	15.833	169	367241	50.778	ng	99
67) 4-Bromophenyl-phenylether	16.504	248	142386	55.515	ng	99
68) Hexachlorobenzene	16.592	284	168450	59.367	ng	96
69) Atrazine	16.786	200	139512	66.759	ng	98
70) Pentachlorophenol	16.957	266	231542	110.997	ng	99
71) Phenanthrene	17.368	178	1686360	125.807	ng	100
72) Anthracene	17.457	178	1313573	98.937	ng	100
73) Carbazole	17.745	167	686640	63.572	ng	99
74) Di-n-butylphthalate	18.262	149	863549	56.933	ng	98
75) Fluoranthene	19.386	202	3703404	235.201	ng	97
77) Benzidine	19.592	184	524766	203.354	ng	100
78) Pyrene	19.756	202	3680544	199.240	ng	99
80) Butylbenzylphthalate	20.621	149	411218	52.120	ng	98
81) Benzo(a)anthracene	21.497	228	2454597	143.404	ng	97
82) 3,3'-Dichlorobenzidine	21.433	252	306124	56.273	ng	100
83) Chrysene	21.550	228	2055251	118.206	ng	98
84) Bis(2-ethylhexyl)phtha...	21.368	149	667167	55.951	ng	99
85) Di-n-octyl phthalate	22.297	149	1051805	51.247	ng	99
87) Indeno(1,2,3-cd)pyrene	26.485	276	1707691	100.869	ng	# 91
88) Benzo(b)fluoranthene	23.368	252	260572	16.443	ng	93
89) Benzo(k)fluoranthene	23.368	252	260572	14.756	ng	94
90) Benzo(a)pyrene	23.715	252	701655	44.972	ng	99
91) Dibenzo(a,h)anthracene	26.497	278	1033487	64.563	ng	# 95
92) Benzo(g,h,i)perylene	27.285	276	1456481	97.612	ng	# 94

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

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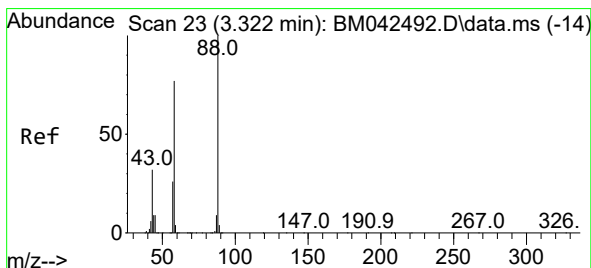
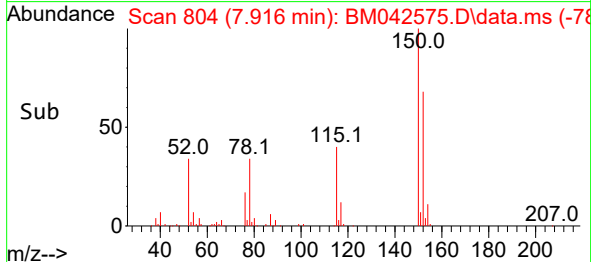
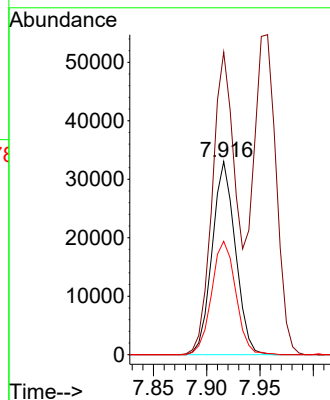
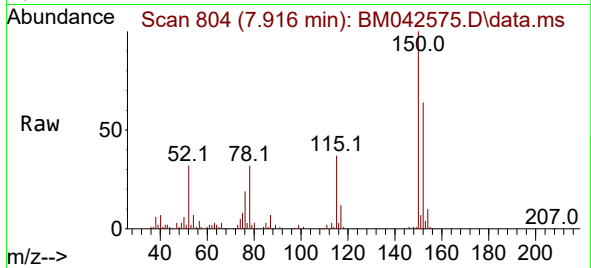




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.916 min Scan# 80
Delta R.T. 0.006 min
Lab File: BM042575.D
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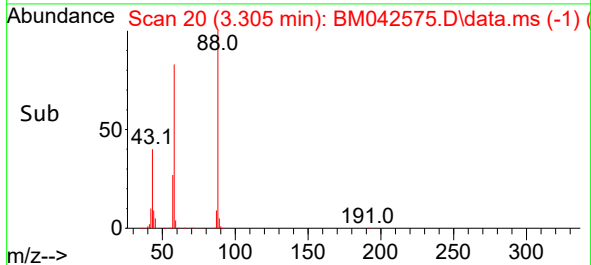
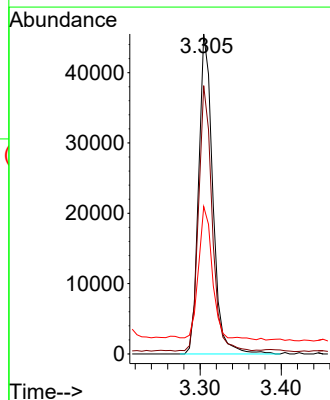
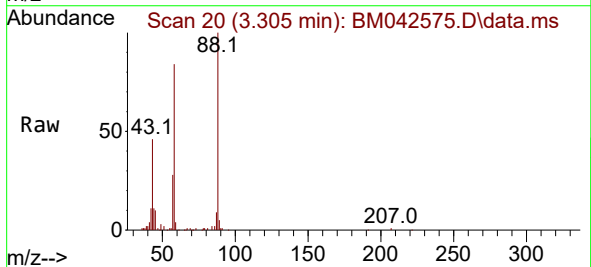
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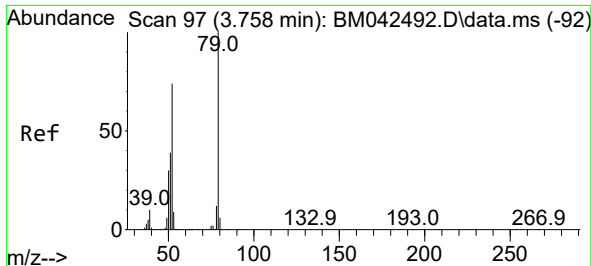
Tgt Ion:152 Resp: 49979
Ion Ratio Lower Upper
152 100
150 156.7 127.4 191.0
115 58.7 47.9 71.9



#2
1,4-Dioxane
Concen: 37.405 ng
RT: 3.305 min Scan# 20
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

Tgt Ion: 88 Resp: 55205
Ion Ratio Lower Upper
88 100
58 79.6 62.6 93.8
43 38.5 26.5 39.7

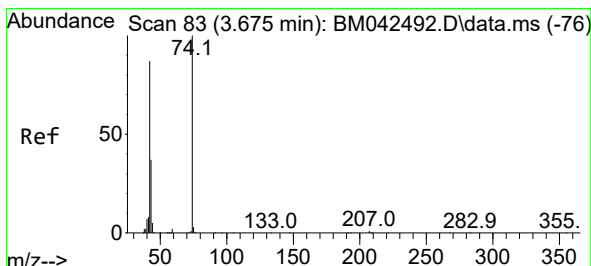
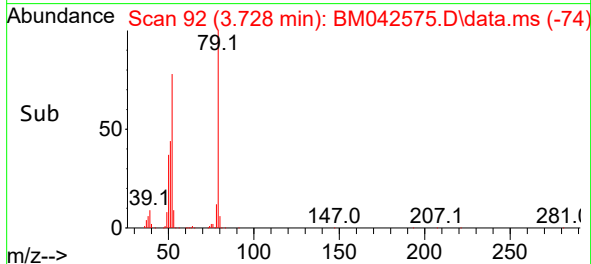
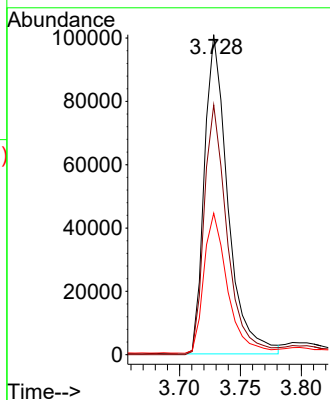
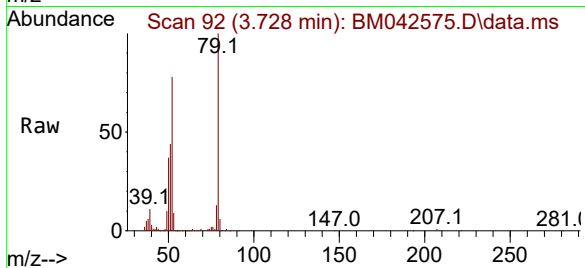




#3
 Pyridine
 Concen: 31.818 ng
 RT: 3.728 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: BM042575.D
 Acq: 03 Nov 2023 17:59

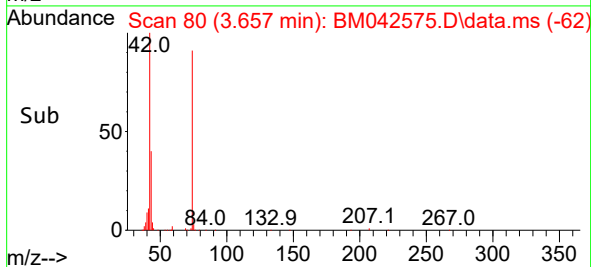
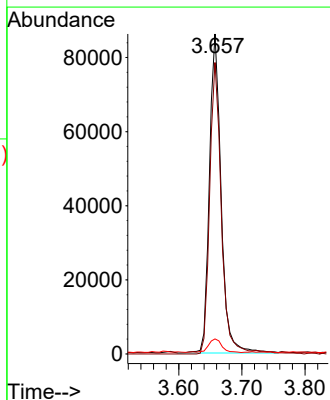
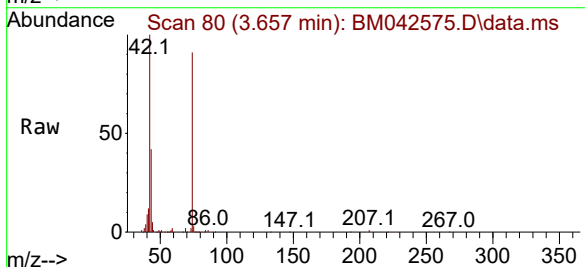
Instrument :
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 ClientSampleId :
 Z-7(0-5)MSD

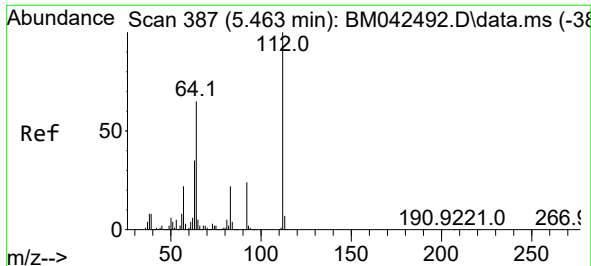
Tgt Ion: 79 Resp: 134709
 Ion Ratio Lower Upper
 79 100
 52 78.1 59.3 88.9
 51 44.2 32.7 49.1



#4
 n-Nitrosodimethylamine
 Concen: 54.292 ng
 RT: 3.657 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: BM042575.D
 Acq: 03 Nov 2023 17:59

Tgt Ion: 42 Resp: 110616
 Ion Ratio Lower Upper
 42 100
 74 91.1 92.2 138.2#
 44 4.7 5.1 7.7#

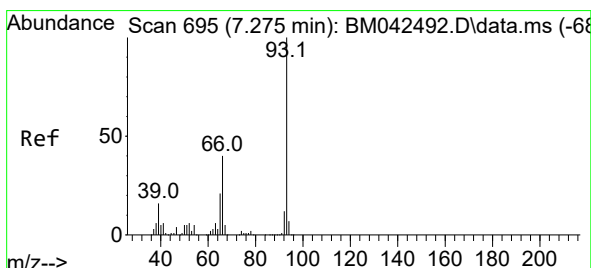
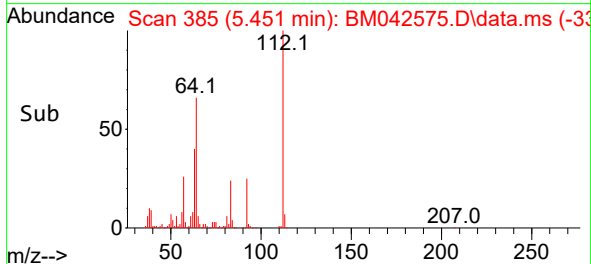
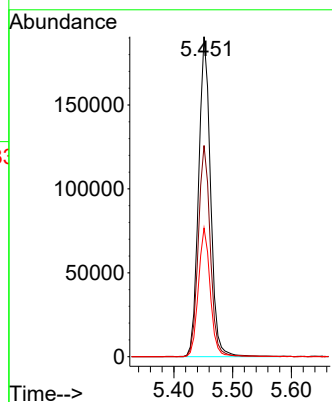
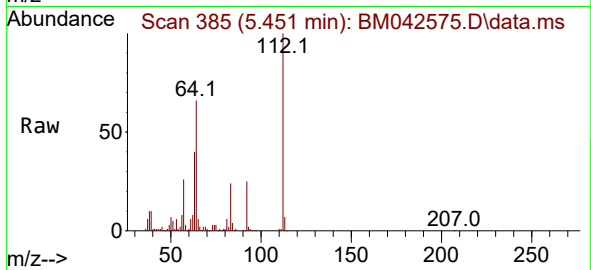




#5
2-Fluorophenol
Concen: 86.970 ng
RT: 5.451 min Scan# 387
Delta R.T. 0.011 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

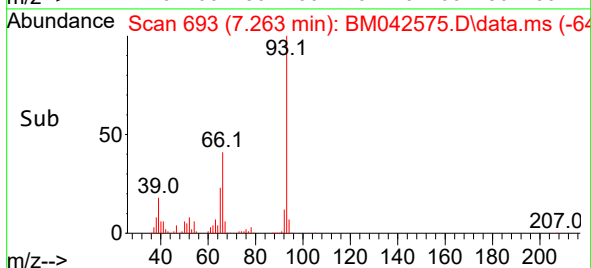
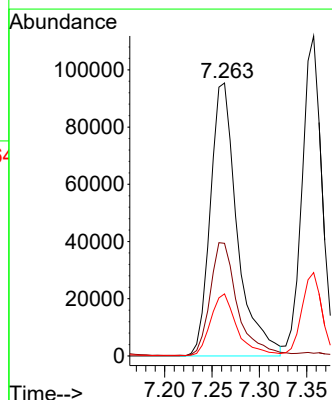
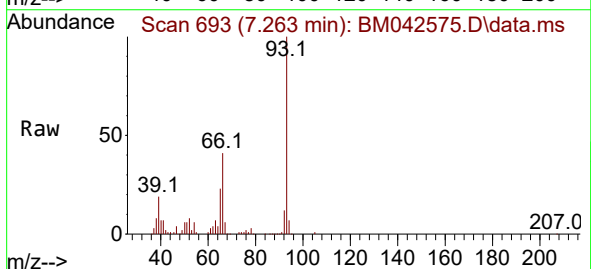
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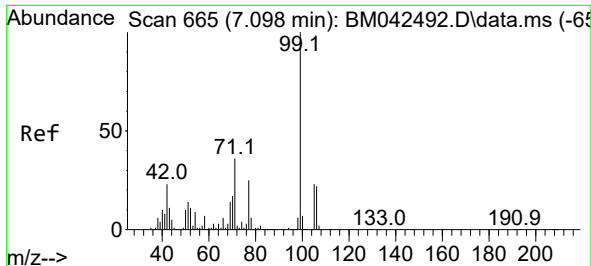
Tgt Ion:112 Resp: 269330
Ion Ratio Lower Upper
112 100
64 66.0 52.1 78.1
63 40.2 28.3 42.5



#6
Aniline
Concen: 34.936 ng
RT: 7.263 min Scan# 693
Delta R.T. 0.011 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

Tgt Ion: 93 Resp: 188610
Ion Ratio Lower Upper
93 100
66 41.3 32.2 48.2
65 22.7 17.0 25.6

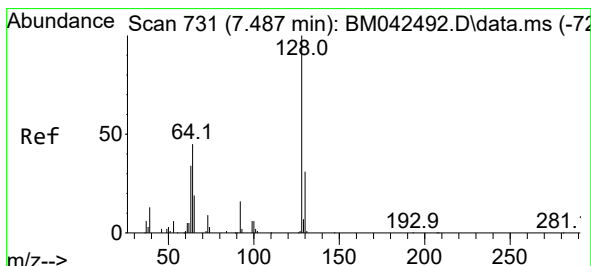
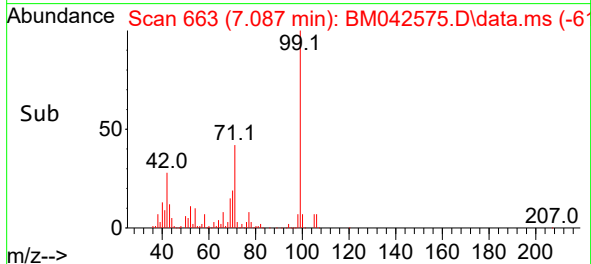
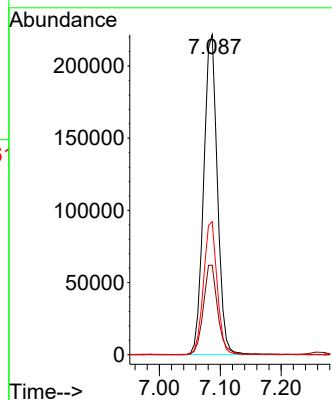
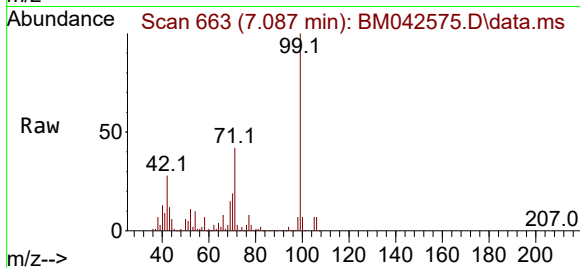




#7
Phenol-d6
Concen: 82.066 ng
RT: 7.087 min Scan# 60
Delta R.T. 0.011 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

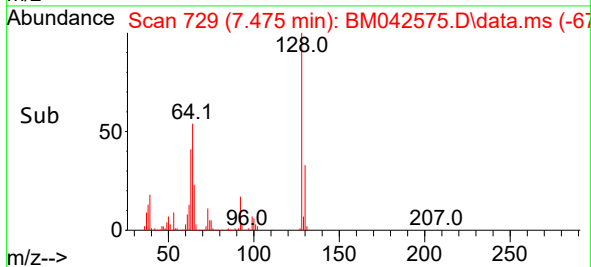
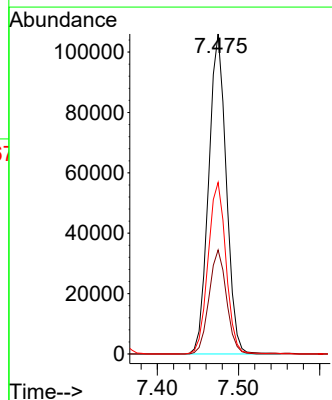
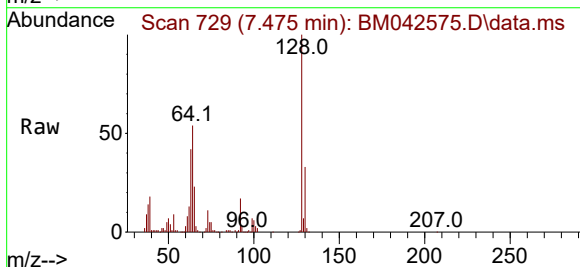
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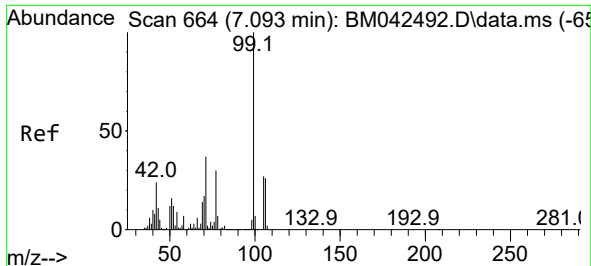
Tgt Ion: 99 Resp: 348549
Ion Ratio Lower Upper
99 100
42 27.9 18.7 28.1
71 41.6 29.1 43.7



#8
2-Chlorophenol
Concen: 47.871 ng
RT: 7.475 min Scan# 729
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

Tgt Ion:128 Resp: 159854
Ion Ratio Lower Upper
128 100
130 32.5 11.2 51.2
64 53.6 34.4 74.4

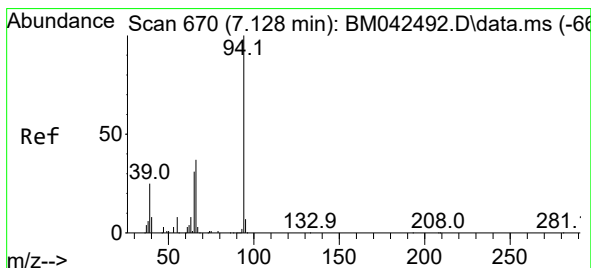
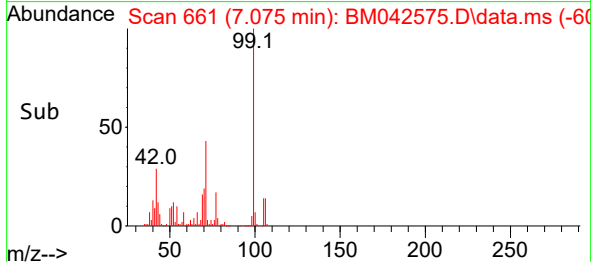
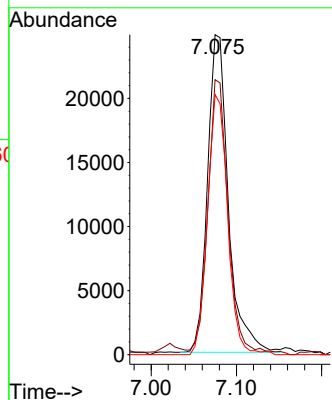
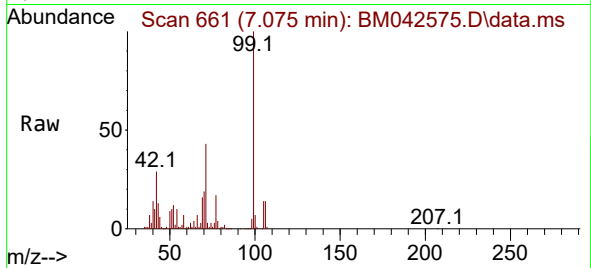




#9
Benzaldehyde
Concen: 17.272 ng
RT: 7.075 min Scan# 664
Delta R.T. 0.006 min
Lab File: BM042575.D
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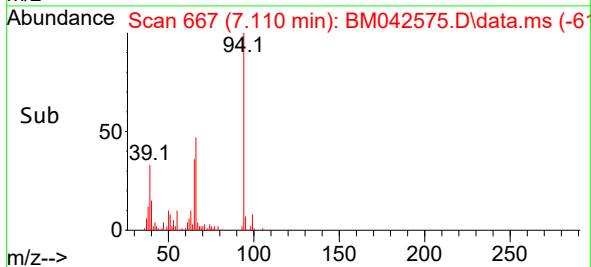
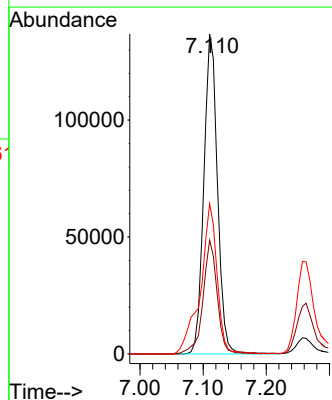
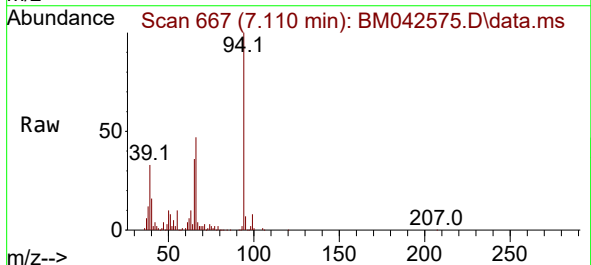
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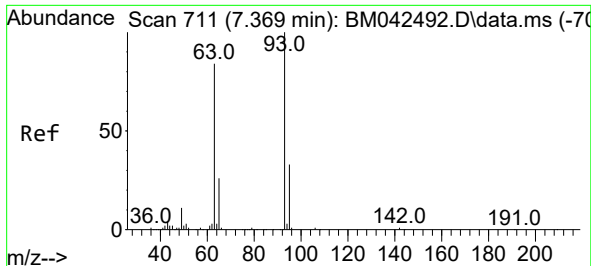
Tgt Ion: 77 Resp: 42278
Ion Ratio Lower Upper
77 100
105 85.9 69.7 109.7
106 81.3 66.4 106.4



#10
Phenol
Concen: 47.503 ng
RT: 7.110 min Scan# 667
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

Tgt Ion: 94 Resp: 204902
Ion Ratio Lower Upper
94 100
65 35.6 11.5 51.5
66 47.0 20.0 60.0

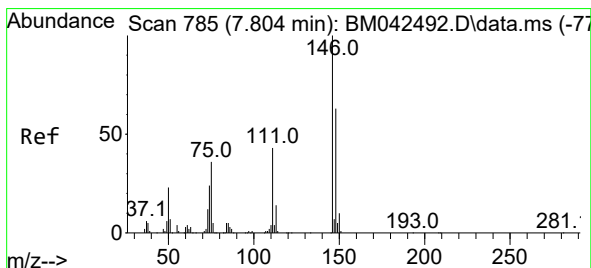
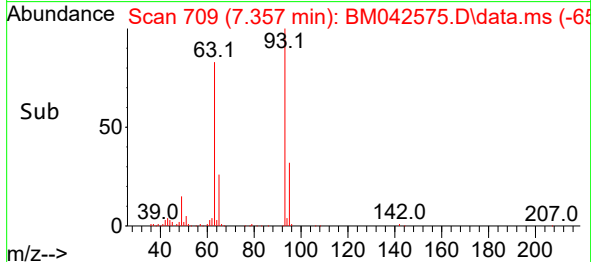
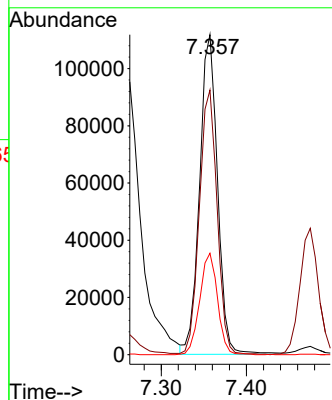
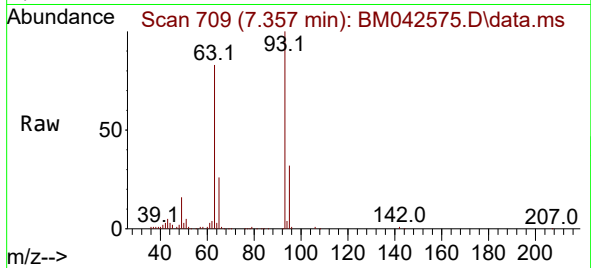




#11
bis(2-Chloroethyl)ether
Concen: 44.741 ng
RT: 7.357 min Scan# 709
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

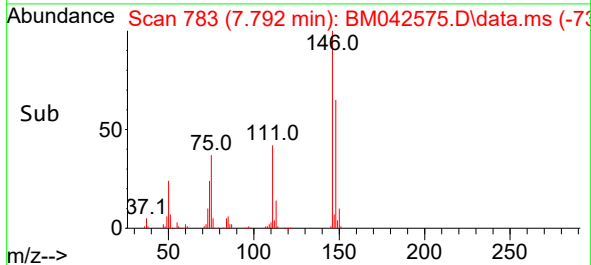
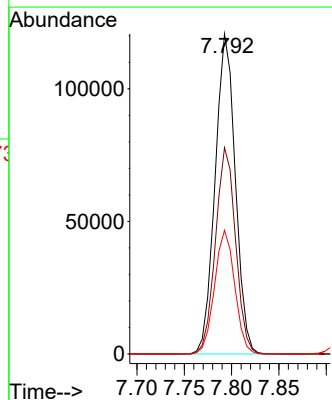
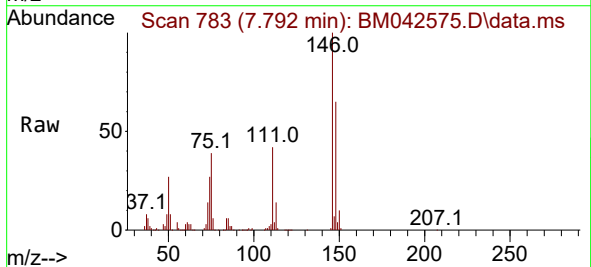
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MSD

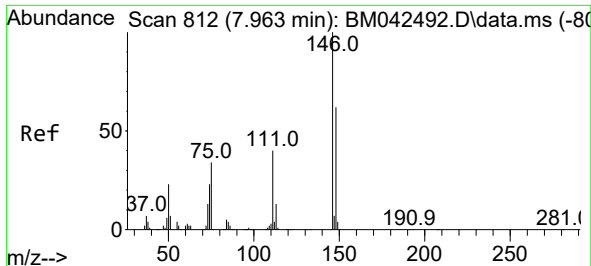
Tgt Ion: 93 Resp: 163266
Ion Ratio Lower Upper
93 100
63 82.7 63.2 103.2
95 31.7 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 49.702 ng
RT: 7.792 min Scan# 783
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

Tgt Ion: 146 Resp: 179370
Ion Ratio Lower Upper
146 100
148 64.5 50.4 75.6
75 38.6 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 217.386 ng

RT: 7.957 min Scan# 81

Delta R.T. 0.011 min

Lab File: BM042575.D

Acq: 03 Nov 2023 17:59

Instrument :

BNA_M

ClientSampleId :

Z-7(0-5)MSD

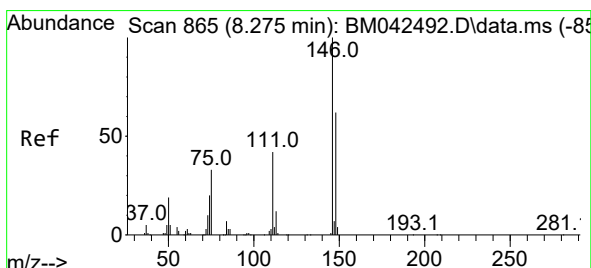
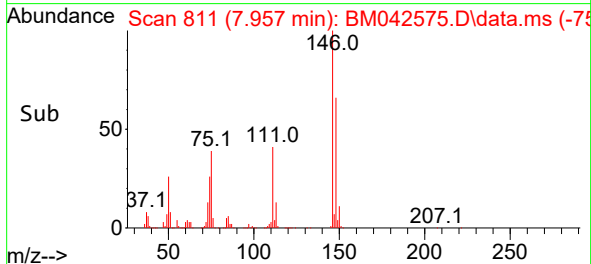
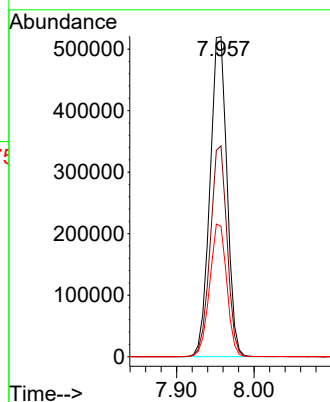
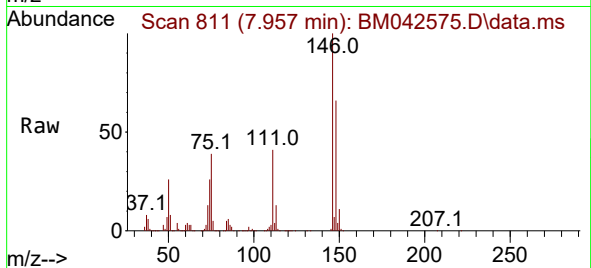
Tgt Ion:146 Resp: 793983

Ion Ratio Lower Upper

146 100

148 65.8 50.0 75.0

111 40.8 32.5 48.7



#14

1,2-Dichlorobenzene

Concen: 49.385 ng

RT: 8.263 min Scan# 863

Delta R.T. 0.006 min

Lab File: BM042575.D

Acq: 03 Nov 2023 17:59

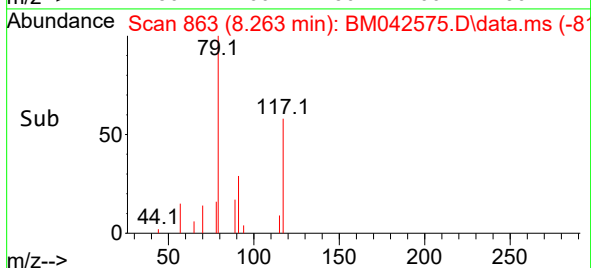
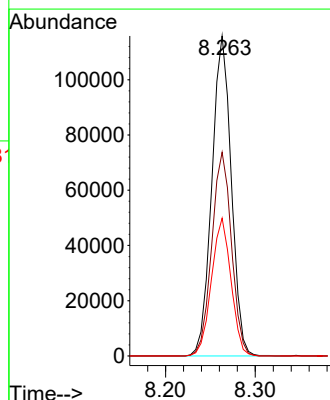
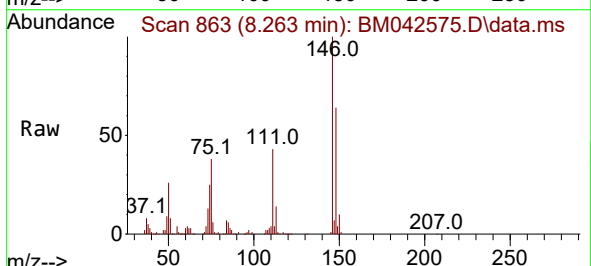
Tgt Ion:146 Resp: 174146

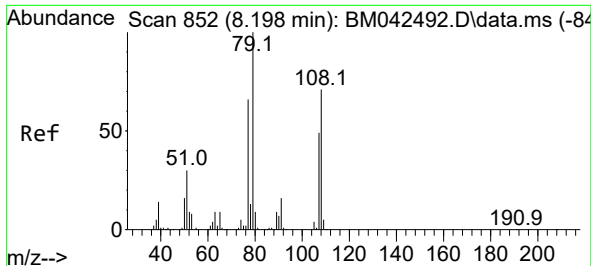
Ion Ratio Lower Upper

146 100

148 63.7 50.0 75.0

111 43.1 34.5 51.7

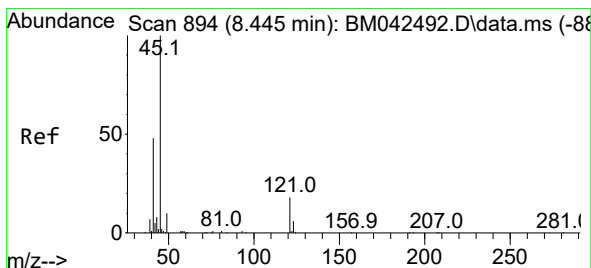
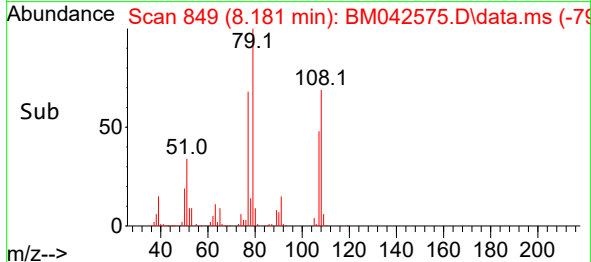
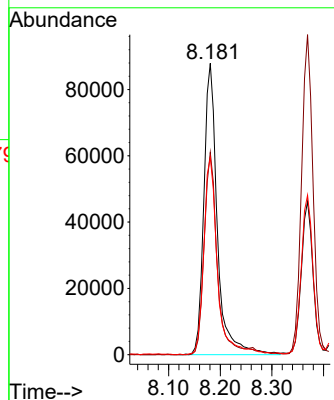
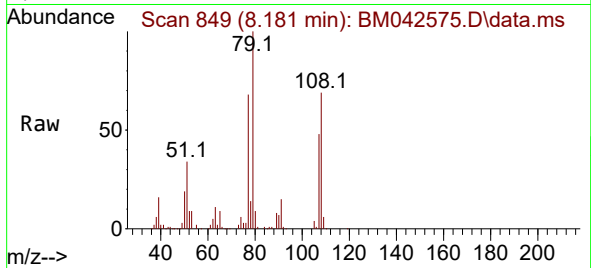




#15
Benzyl Alcohol
Concen: 52.874 ng
RT: 8.181 min Scan# 849
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

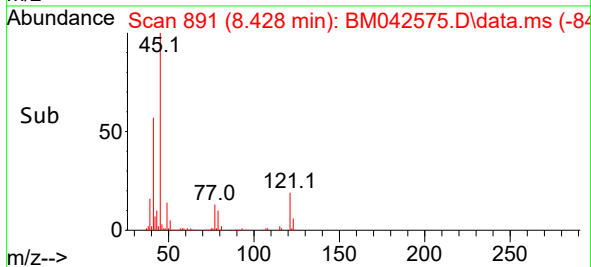
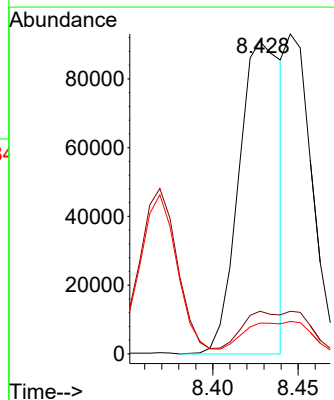
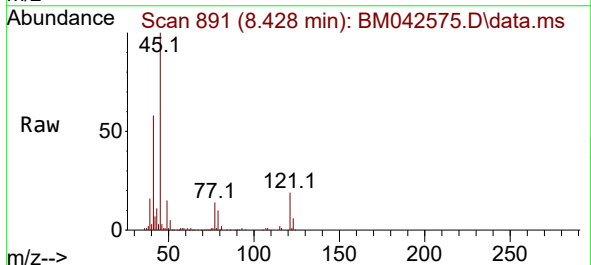
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MSD

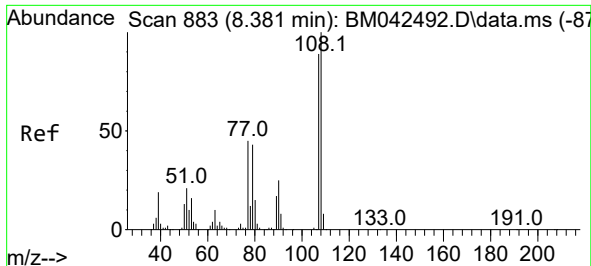
Tgt Ion: 79 Resp: 158982
Ion Ratio Lower Upper
79 100
108 69.4 56.8 85.2
77 67.8 53.0 79.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 26.859 ng
RT: 8.428 min Scan# 891
Delta R.T. -0.012 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

Tgt Ion: 45 Resp: 155975
Ion Ratio Lower Upper
45 100
77 13.7 0.0 33.0
79 9.9 0.0 29.5

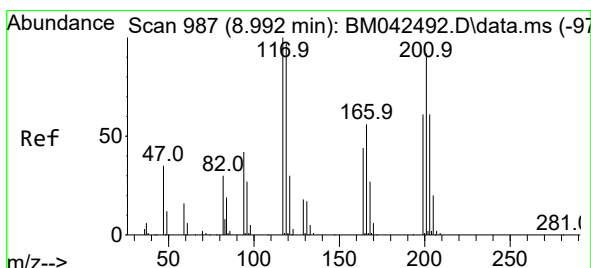
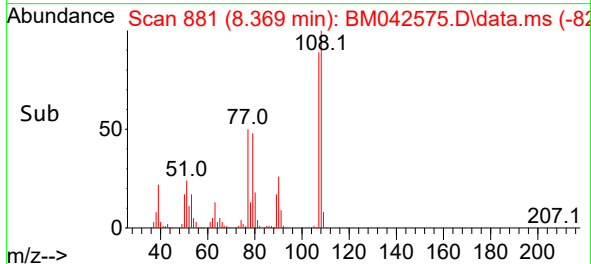
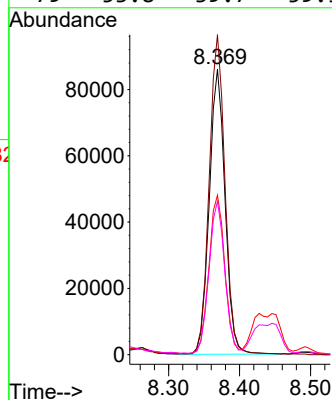
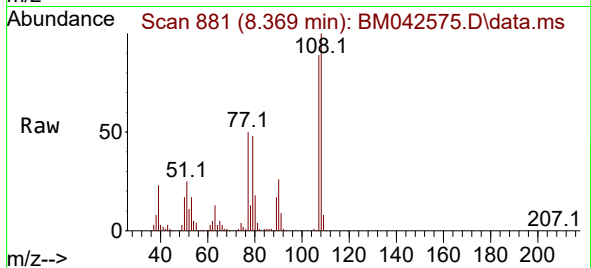




#17
2-Methylphenol
Concen: 43.505 ng
RT: 8.369 min Scan# 81
Delta R.T. 0.011 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

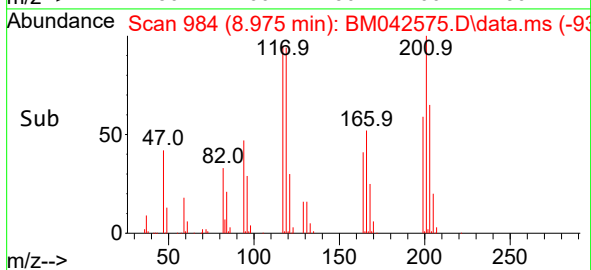
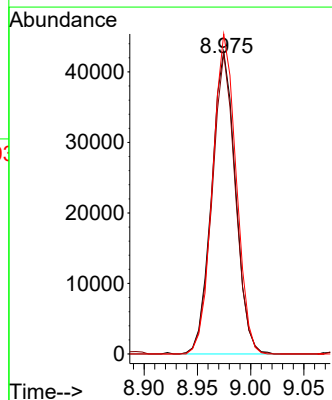
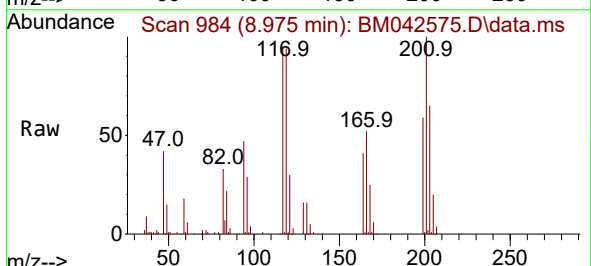
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MSD

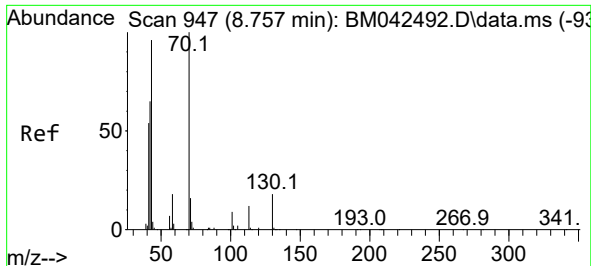
Tgt Ion:	107	Resp:	132875
Ion	Ratio	Lower	Upper
107	100		
108	112.1	90.4	135.6
77	55.9	40.6	60.8
79	53.8	39.7	59.5



#18
Hexachloroethane
Concen: 46.843 ng
RT: 8.975 min Scan# 984
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

Tgt Ion:	117	Resp:	66944
Ion	Ratio	Lower	Upper
117	100		
119	99.3	77.9	116.9
201	105.8	73.7	110.5



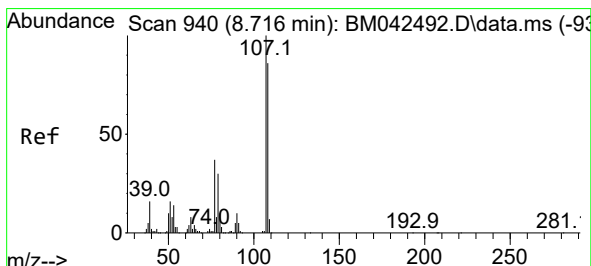
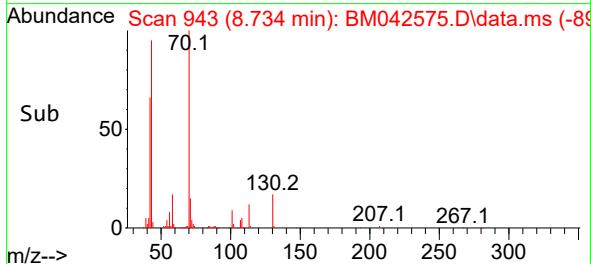
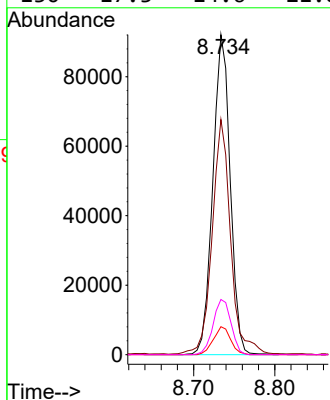
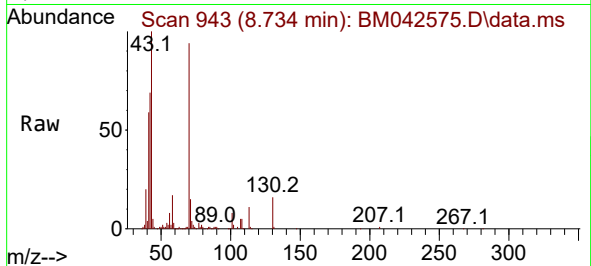


#19
n-Nitroso-di-n-propylamine
Concen: 45.543 ng
RT: 8.734 min Scan# 94
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MSD

Tgt Ion: 70 Resp: 136834

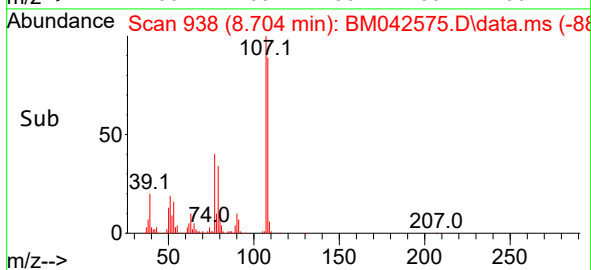
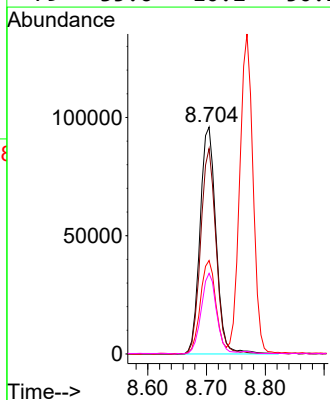
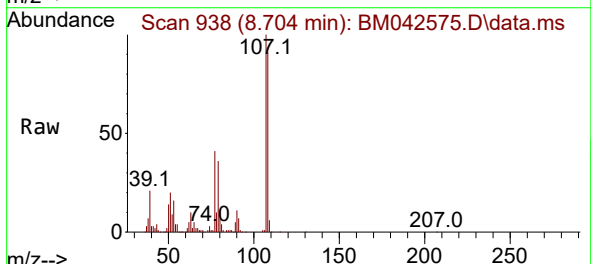
Ion	Ratio	Lower	Upper
70	100		
42	73.5	52.5	78.7
101	8.8	7.0	10.4
130	17.3	14.6	21.8

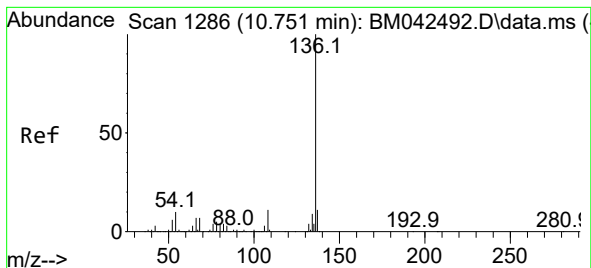


#20
3+4-Methylphenols
Concen: 44.331 ng
RT: 8.704 min Scan# 938
Delta R.T. 0.011 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

Tgt Ion: 107 Resp: 181022

Ion	Ratio	Lower	Upper
107	100		
108	90.6	66.4	106.4
77	41.2	17.6	57.6
79	35.6	10.2	50.2

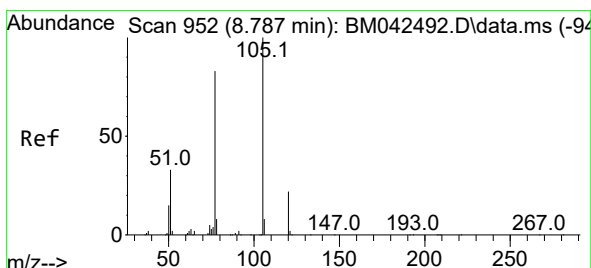
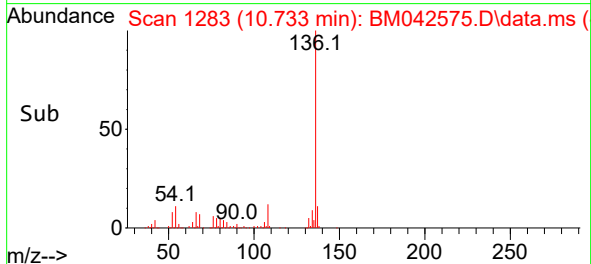
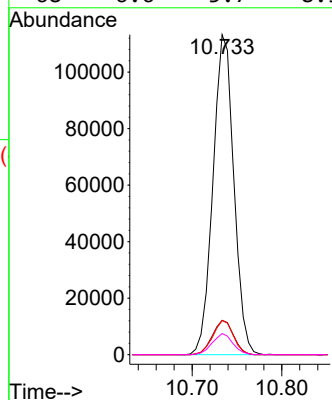
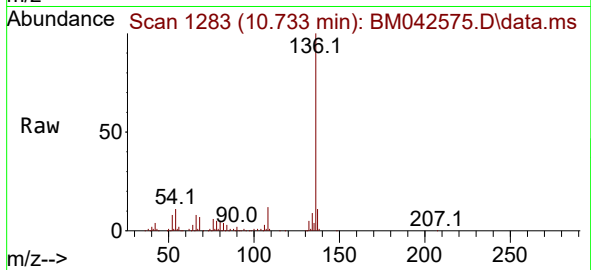




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.733 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

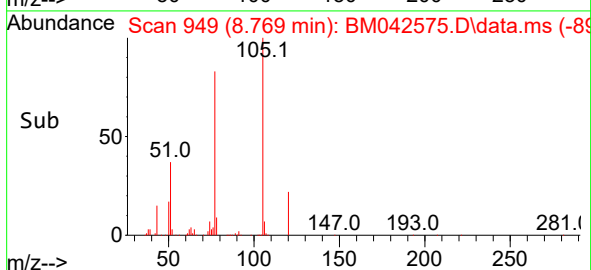
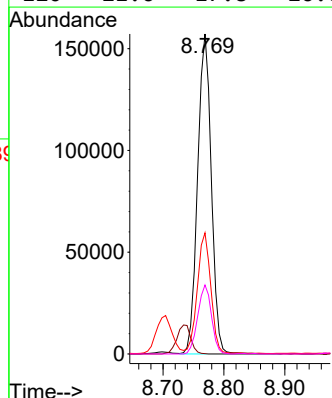
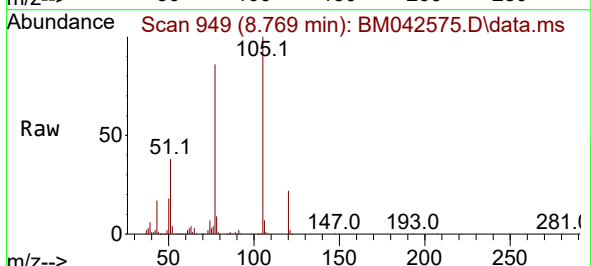
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MSD

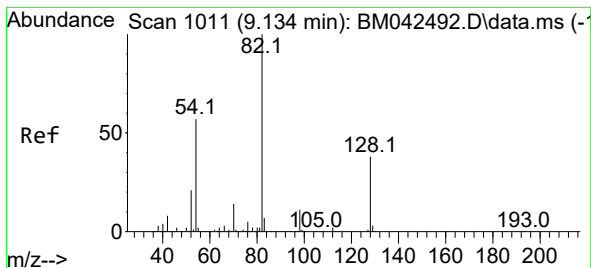
Tgt Ion:136 Resp: 182795
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 10.7 8.0 12.0
68 6.6 5.7 8.5



#22
Acetophenone
Concen: 53.277 ng
RT: 8.769 min Scan# 949
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

Tgt Ion:105 Resp: 245617
Ion Ratio Lower Upper
105 100
71 0.1 0.2 0.2#
51 37.9 27.6 41.4
120 21.6 17.8 26.6





#23

Nitrobenzene-d5

Concen: 63.107 ng

RT: 9.116 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BM042575.D

Acq: 03 Nov 2023 17:59

Instrument :

BNA_M

ClientSampleId :

Z-7(0-5)MSD

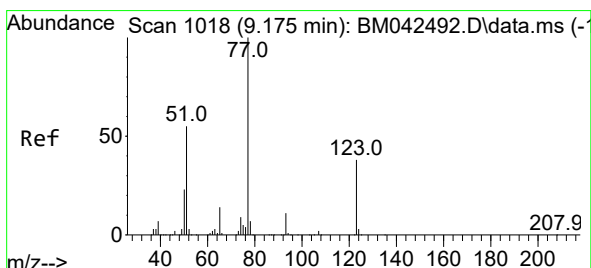
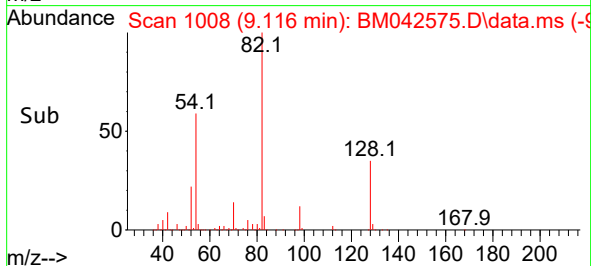
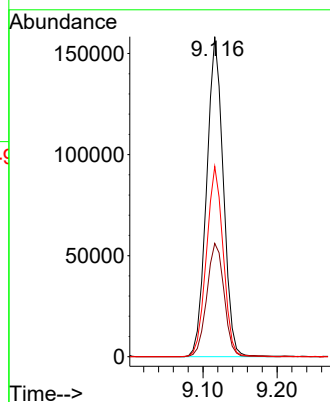
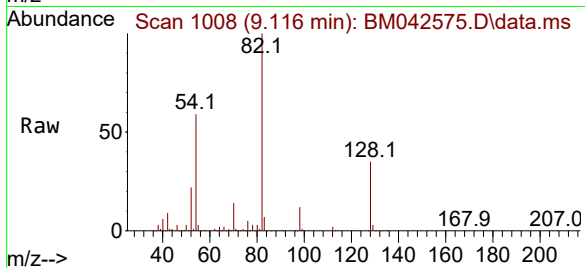
Tgt Ion: 82 Resp: 247459

Ion Ratio Lower Upper

82 100

128 35.4 30.7 46.1

54 59.5 45.3 67.9



#24

Nitrobenzene

Concen: 52.847 ng

RT: 9.163 min Scan# 1016

Delta R.T. 0.006 min

Lab File: BM042575.D

Acq: 03 Nov 2023 17:59

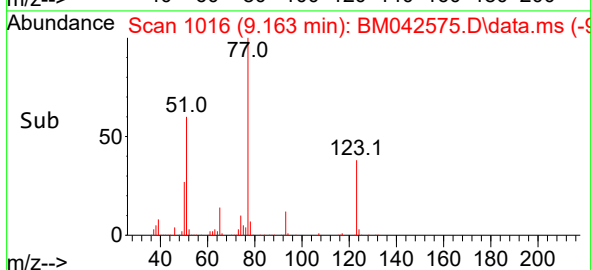
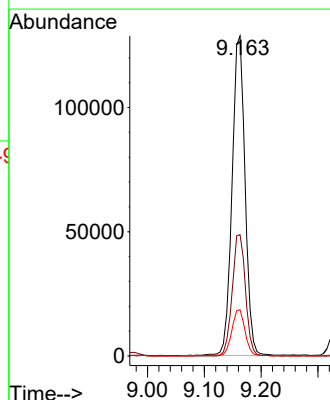
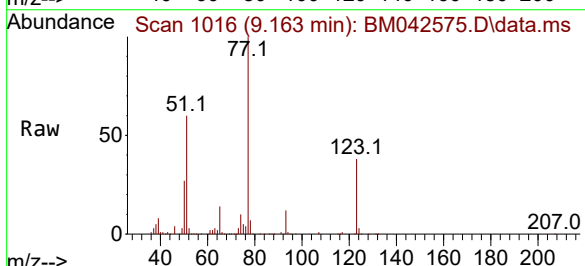
Tgt Ion: 77 Resp: 204106

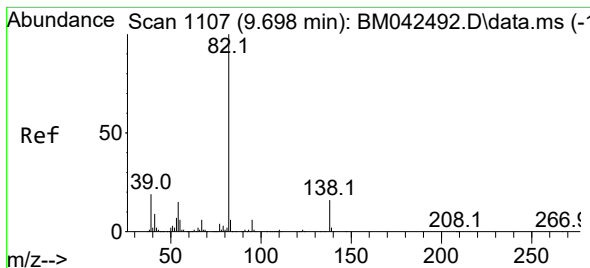
Ion Ratio Lower Upper

77 100

123 37.9 30.6 46.0

65 14.4 10.8 16.2





#25

Isophorone

Concen: 52.376 ng

RT: 9.669 min Scan# 1107

Delta R.T. 0.006 min

Lab File: BM042575.D

Acq: 03 Nov 2023 17:59

Instrument :

BNA_M

ClientSampleId :

Z-7(0-5)MSD

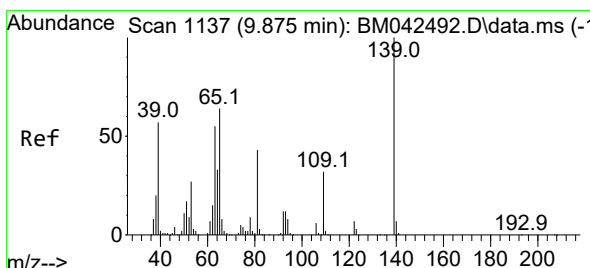
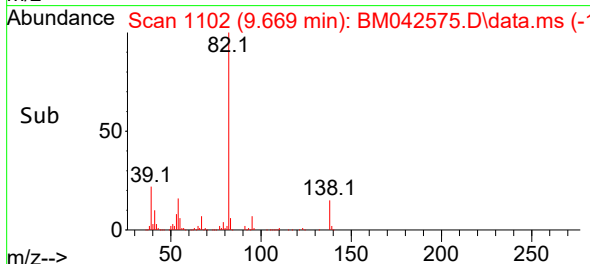
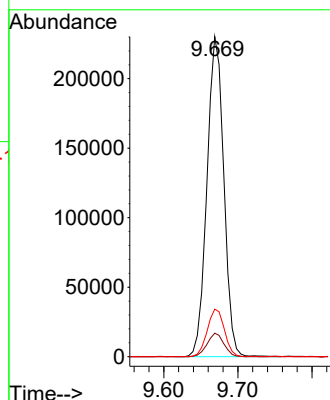
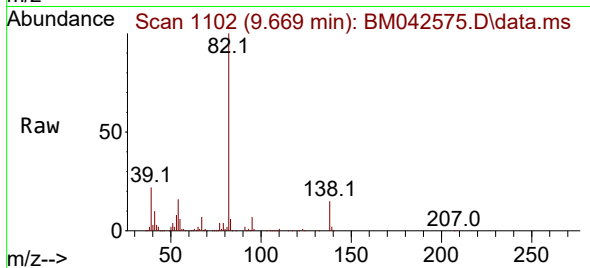
Tgt Ion: 82 Resp: 363521

Ion Ratio Lower Upper

82 100

95 7.3 5.2 7.8

138 14.9 12.6 18.8



#26

2-Nitrophenol

Concen: 51.687 ng

RT: 9.863 min Scan# 1135

Delta R.T. 0.006 min

Lab File: BM042575.D

Acq: 03 Nov 2023 17:59

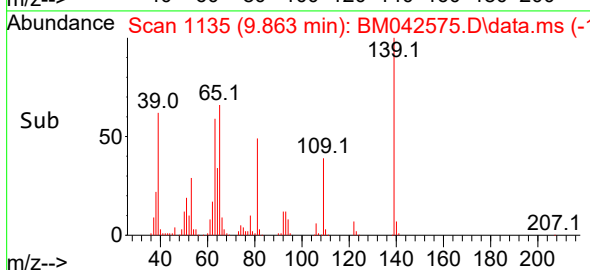
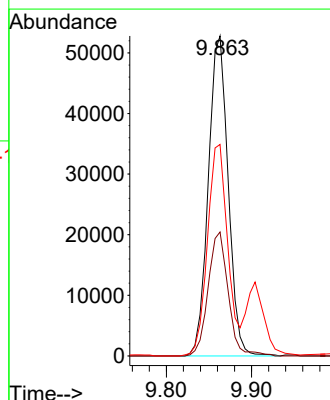
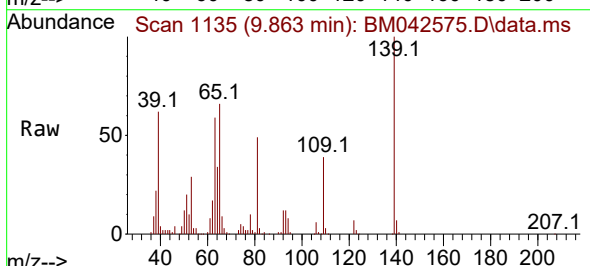
Tgt Ion: 139 Resp: 85369

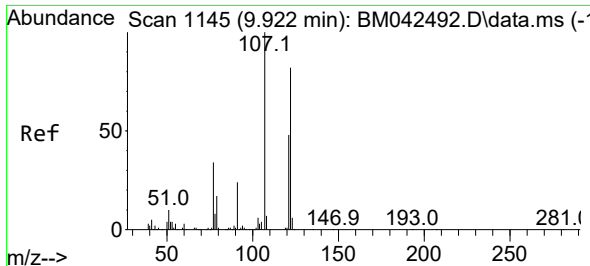
Ion Ratio Lower Upper

139 100

109 38.7 25.2 37.8

65 66.1 51.4 77.0

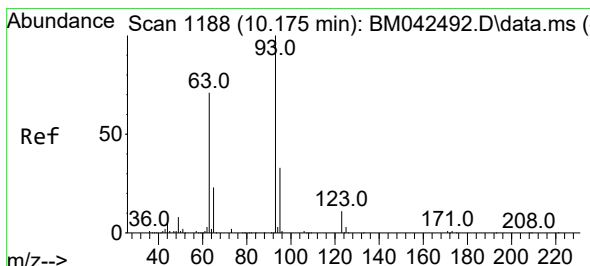
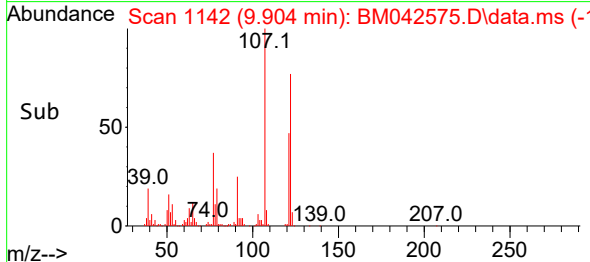
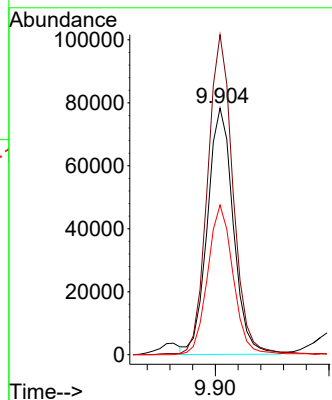
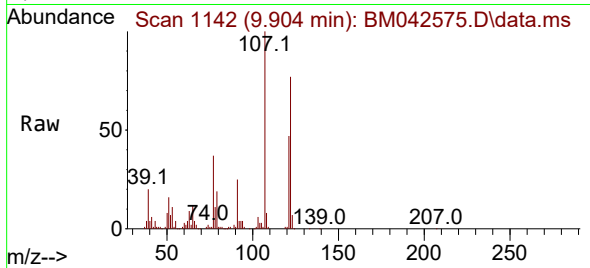




#27
2,4-Dimethylphenol
Concen: 46.734 ng
RT: 9.904 min Scan# 1145
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

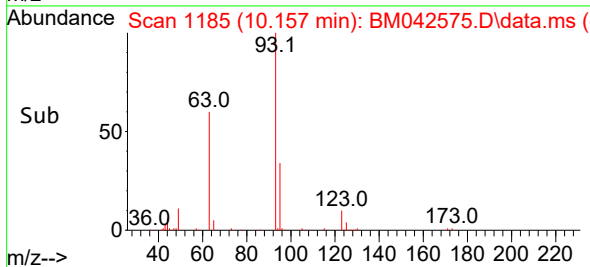
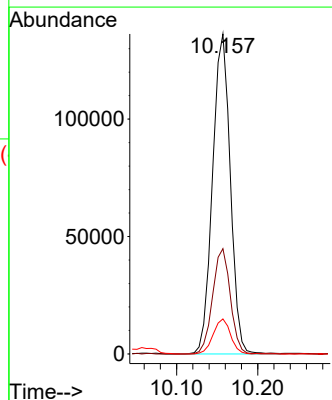
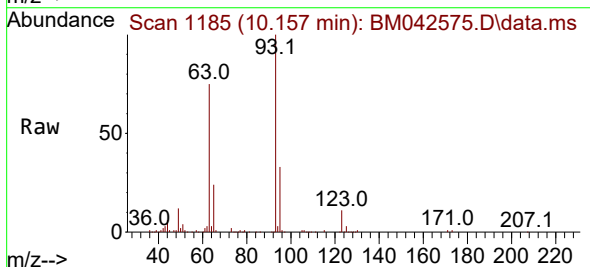
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MSD

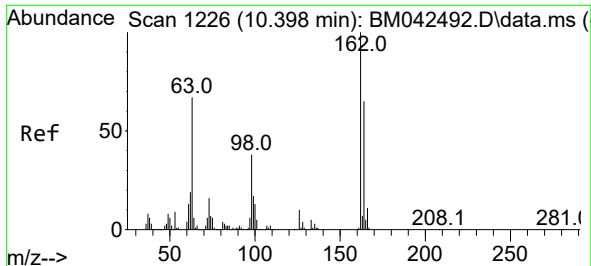
Tgt Ion:122 Resp: 124087
Ion Ratio Lower Upper
122 100
107 129.8 95.4 143.2
121 60.7 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 49.590 ng
RT: 10.157 min Scan# 1185
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

Tgt Ion: 93 Resp: 207354
Ion Ratio Lower Upper
93 100
95 32.9 26.3 39.5
123 10.9 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 58.178 ng

RT: 10.386 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM042575.D

Acq: 03 Nov 2023 17:59

Instrument :

BNA_M

ClientSampleId :

Z-7(0-5)MSD

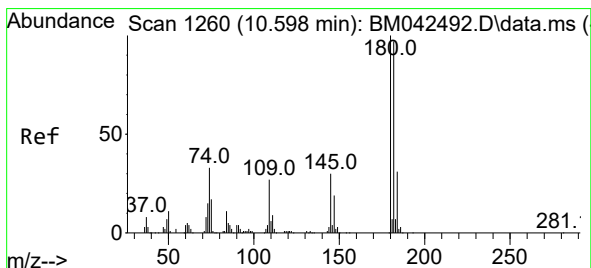
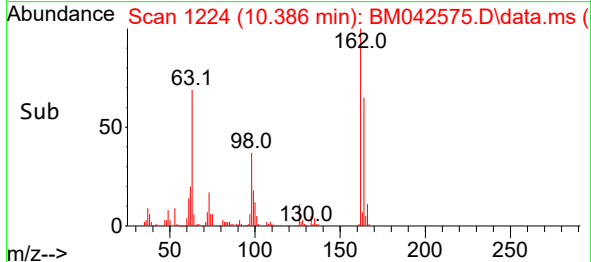
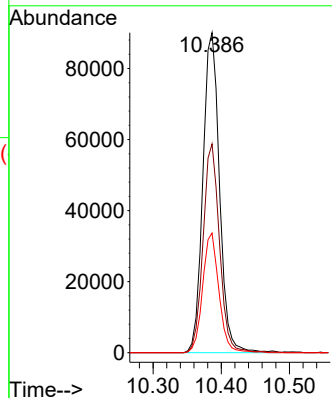
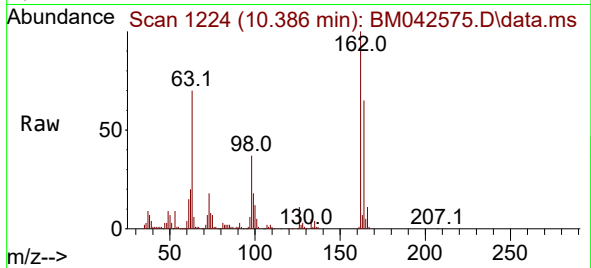
Tgt Ion:162 Resp: 152844

Ion Ratio Lower Upper

162 100

164 65.3 44.9 84.9

98 37.4 18.4 58.4



#30

1,2,4-Trichlorobenzene

Concen: 59.371 ng

RT: 10.586 min Scan# 1258

Delta R.T. 0.006 min

Lab File: BM042575.D

Acq: 03 Nov 2023 17:59

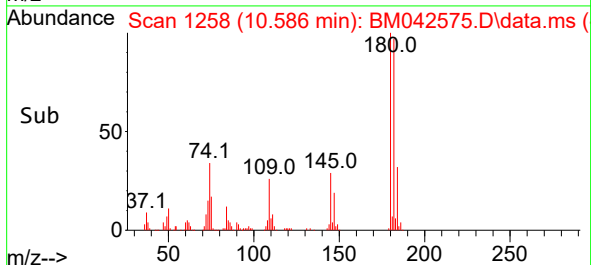
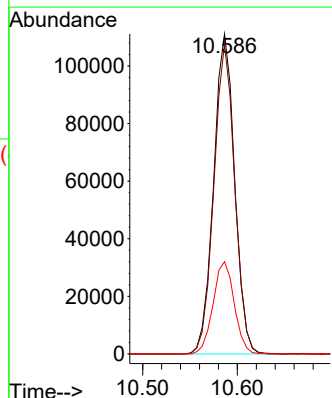
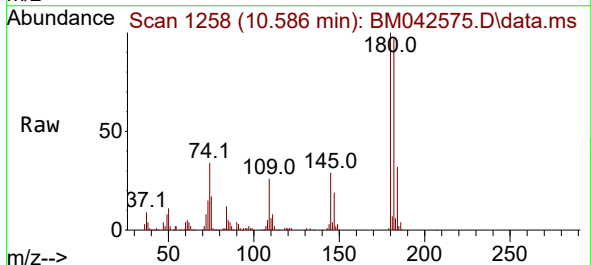
Tgt Ion:180 Resp: 170939

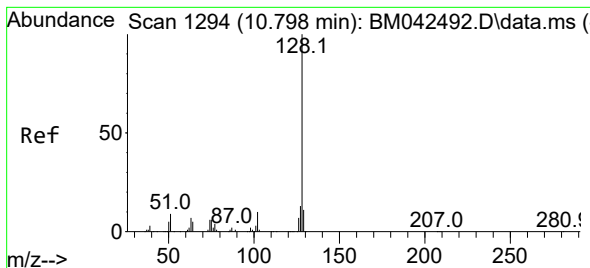
Ion Ratio Lower Upper

180 100

182 96.8 77.8 116.8

145 28.9 24.4 36.6





#31

Naphthalene

Concen: 57.262 ng

RT: 10.786 min Scan# 1170

Delta R.T. 0.006 min

Lab File: BM042575.D

Acq: 03 Nov 2023 17:59

Instrument :

BNA_M

ClientSampleId :

Z-7(0-5)MSD

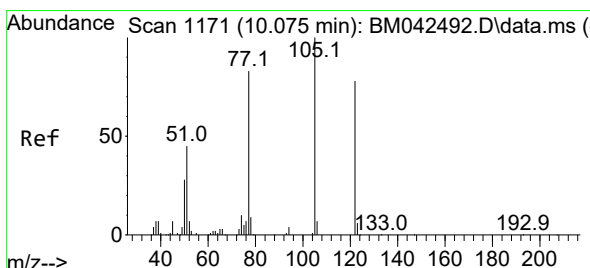
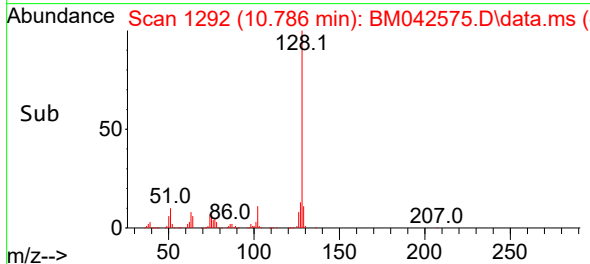
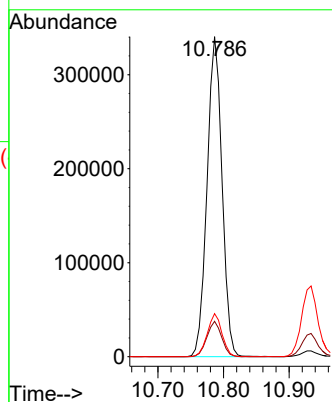
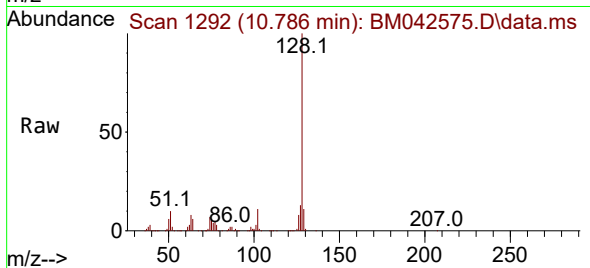
Tgt Ion:128 Resp: 540788

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 13.5 10.6 15.8



#32

Benzoic acid

Concen: 50.841 ng

RT: 10.069 min Scan# 1170

Delta R.T. 0.017 min

Lab File: BM042575.D

Acq: 03 Nov 2023 17:59

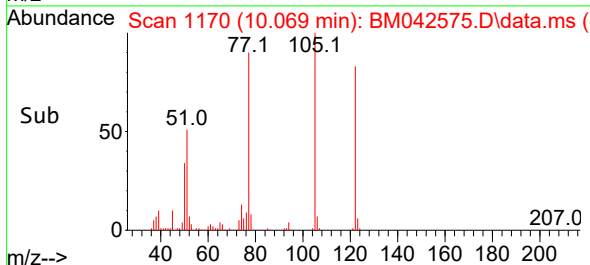
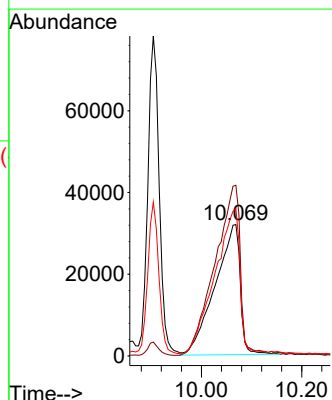
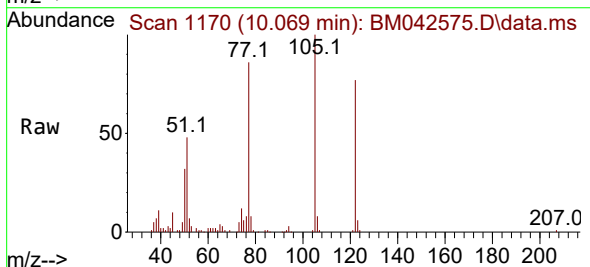
Tgt Ion:122 Resp: 110367

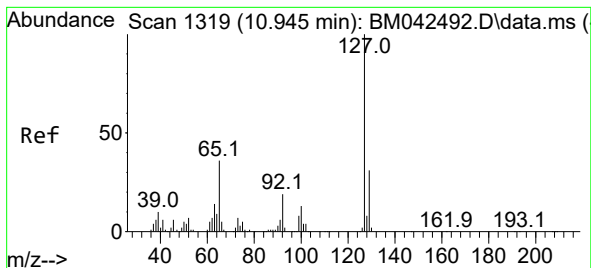
Ion Ratio Lower Upper

122 100

105 129.9 105.2 145.2

77 112.1 84.8 124.8





#33

4-Chloroaniline

Concen: 36.983 ng

RT: 10.933 min Scan# 11

Delta R.T. 0.011 min

Lab File: BM042575.D

Acq: 03 Nov 2023 17:59

Instrument :

BNA_M

ClientSampleId :

Z-7(0-5)MSD

Tgt Ion:127 Resp: 136188

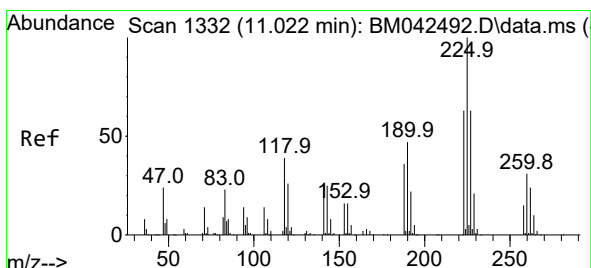
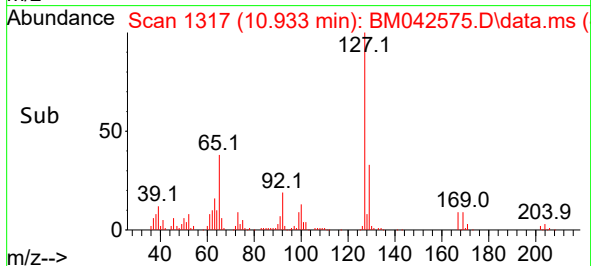
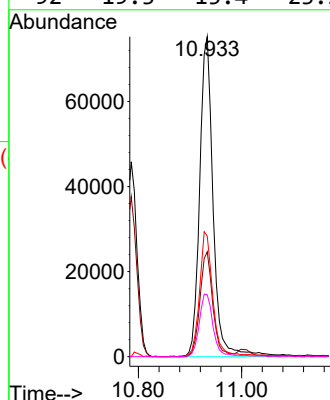
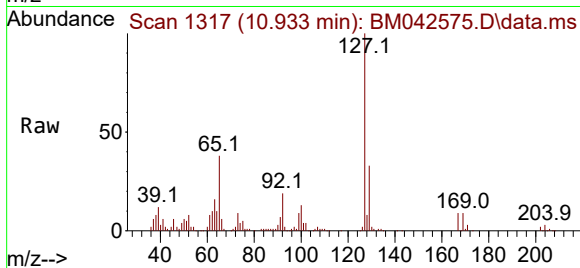
Ion Ratio Lower Upper

127 100

129 32.8 25.0 37.4

65 37.7 29.0 43.4

92 19.3 15.4 23.2



#34

Hexachlorobutadiene

Concen: 66.084 ng

RT: 11.010 min Scan# 1330

Delta R.T. 0.006 min

Lab File: BM042575.D

Acq: 03 Nov 2023 17:59

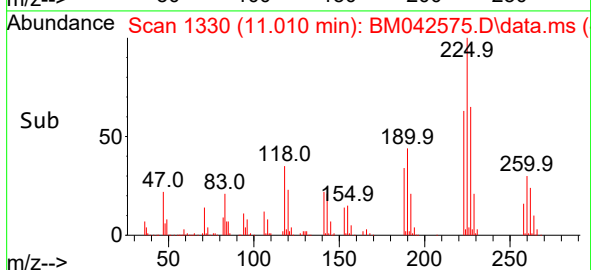
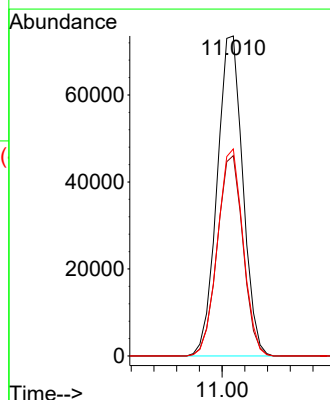
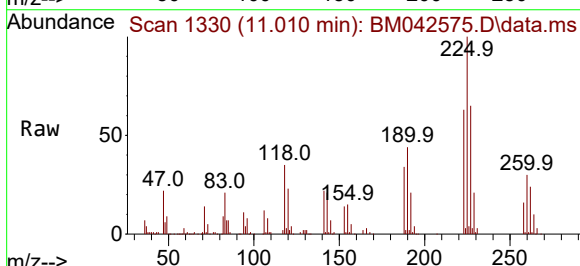
Tgt Ion:225 Resp: 115519

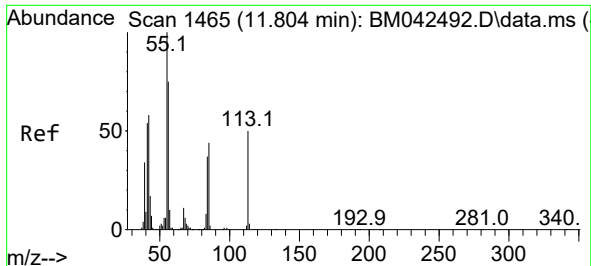
Ion Ratio Lower Upper

225 100

223 62.6 50.0 75.0

227 64.7 50.6 75.8

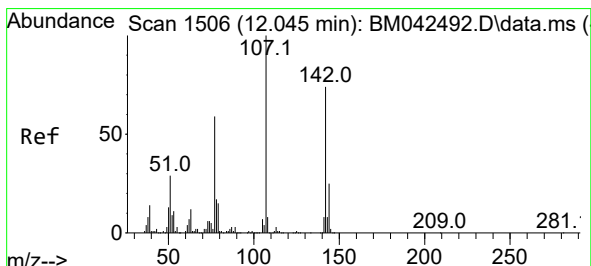
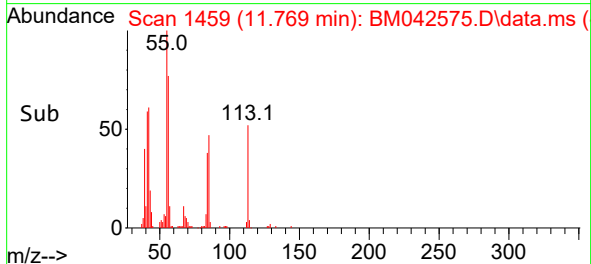
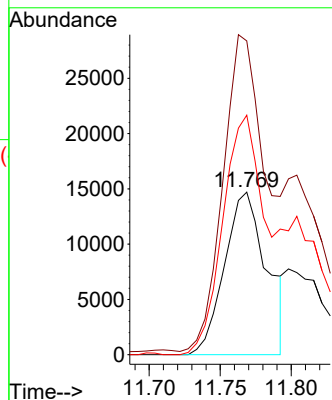
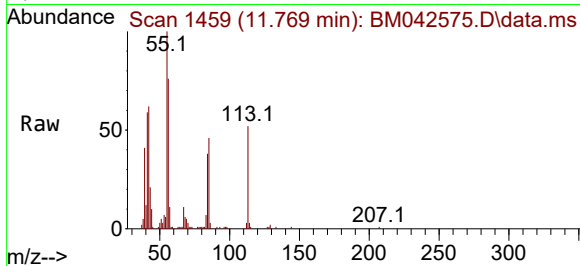




#35
Caprolactam
Concen: 32.847 ng
RT: 11.769 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

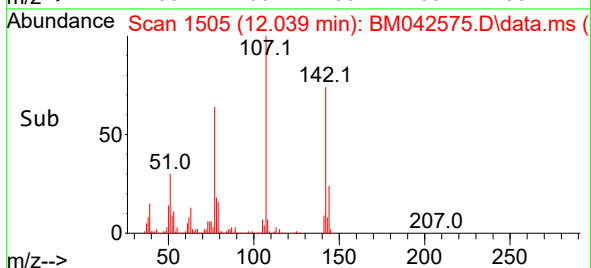
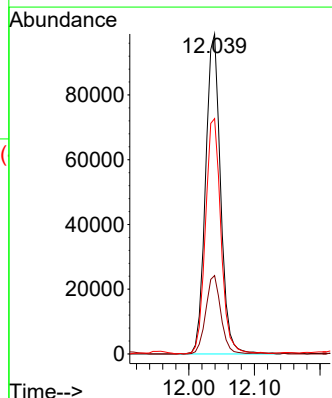
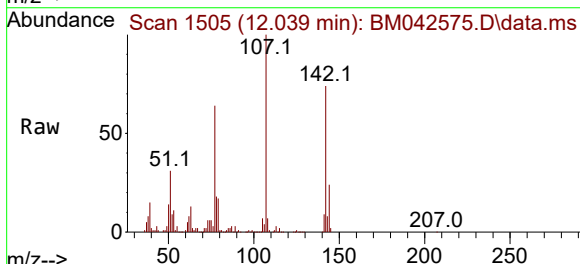
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MSD

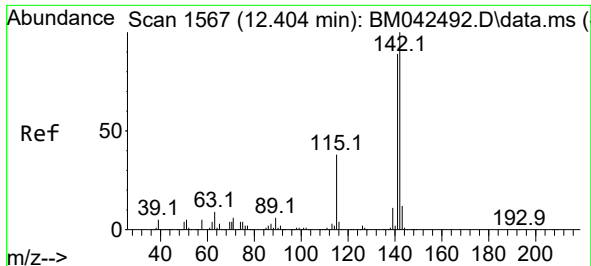
Tgt Ion:113 Resp: 30320
Ion Ratio Lower Upper
113 100
55 193.0 180.9 220.9
56 147.4 130.0 170.0



#36
4-Chloro-3-methylphenol
Concen: 52.754 ng
RT: 12.039 min Scan# 1505
Delta R.T. 0.011 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

Tgt Ion:107 Resp: 157728
Ion Ratio Lower Upper
107 100
144 24.5 20.2 30.2
142 73.5 59.5 89.3

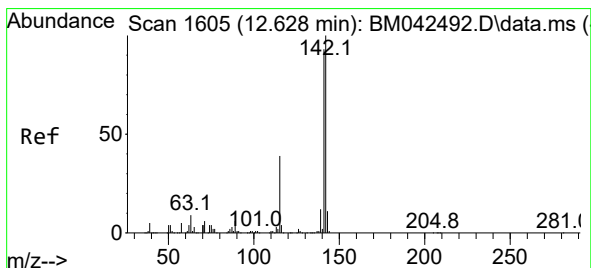
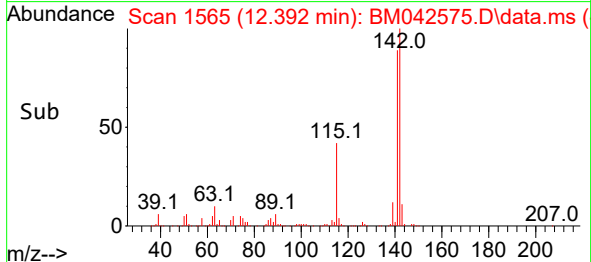
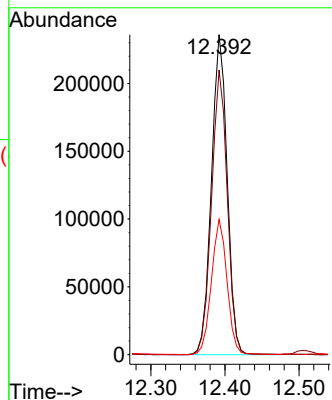
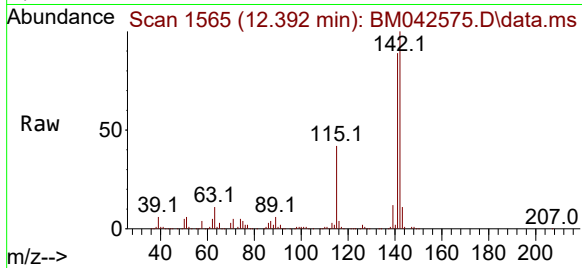




#37
2-Methylnaphthalene
Concen: 52.326 ng
RT: 12.392 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

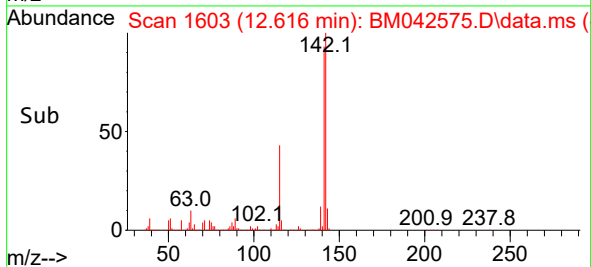
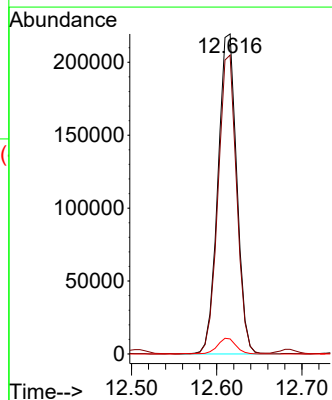
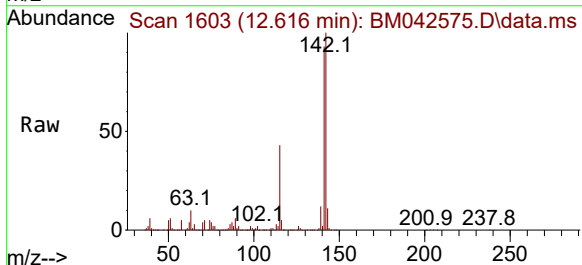
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MSD

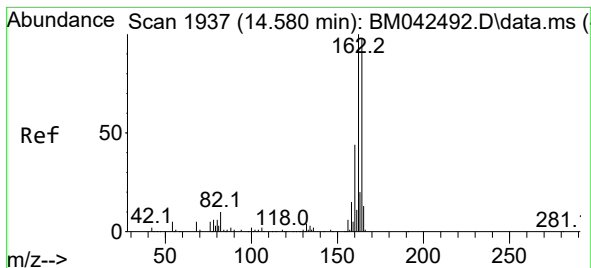
Tgt Ion:142 Resp: 348029
Ion Ratio Lower Upper
142 100
141 88.9 70.9 106.3
115 42.3 30.2 45.2



#38
1-Methylnaphthalene
Concen: 53.852 ng
RT: 12.616 min Scan# 1603
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

Tgt Ion:142 Resp: 337143
Ion Ratio Lower Upper
142 100
141 93.4 74.4 111.6
116 4.7 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.568 min Scan# 1935

Delta R.T. 0.006 min

Lab File: BM042575.D

Acq: 03 Nov 2023 17:59

Instrument :

BNA_M

ClientSampleId :

Z-7(0-5)MSD

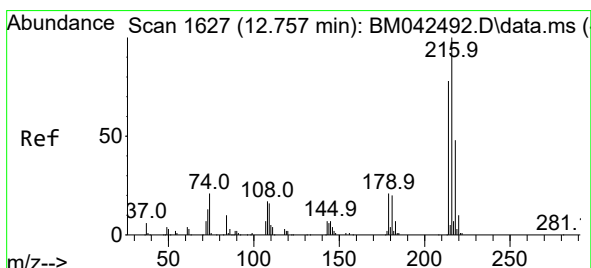
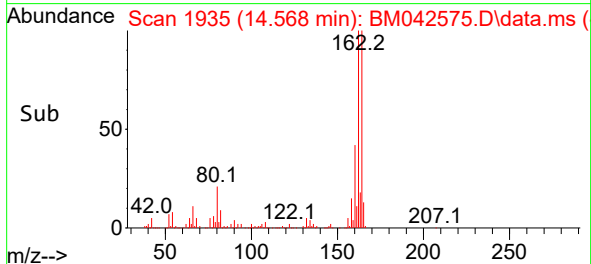
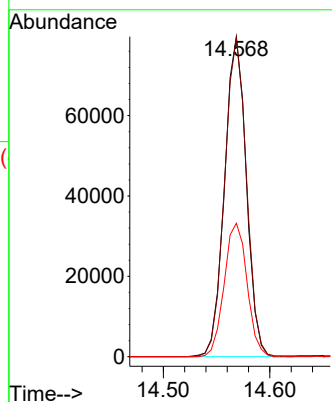
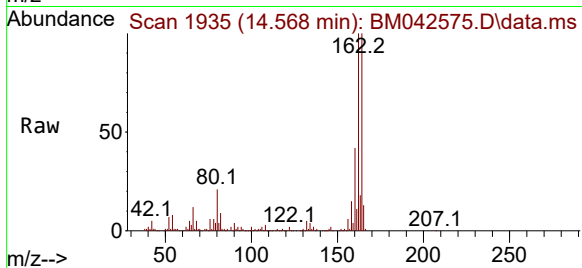
Tgt Ion:164 Resp: 112829

Ion Ratio Lower Upper

164 100

162 99.6 81.6 122.4

160 41.7 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 58.756 ng

RT: 12.745 min Scan# 1625

Delta R.T. 0.006 min

Lab File: BM042575.D

Acq: 03 Nov 2023 17:59

Tgt Ion:216 Resp: 198050

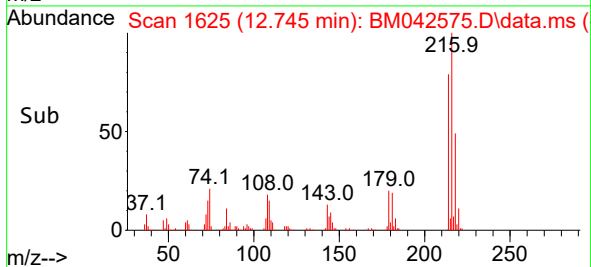
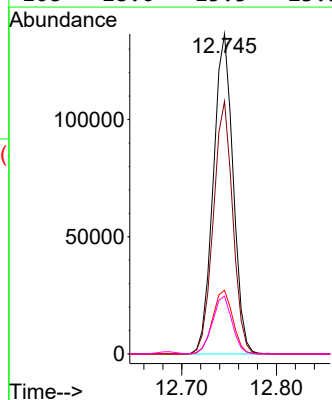
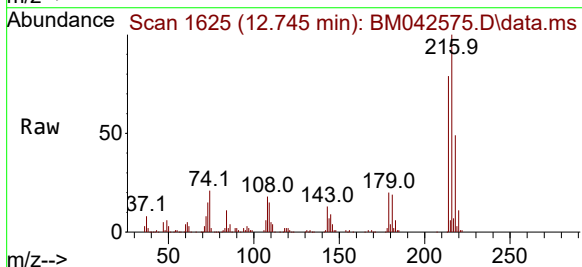
Ion Ratio Lower Upper

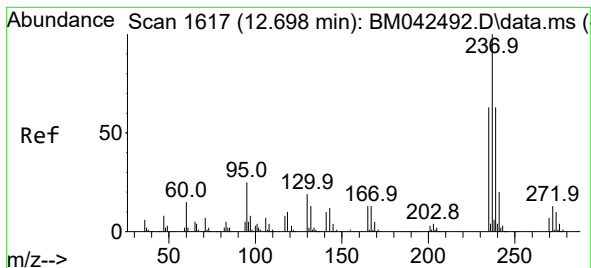
216 100

214 77.3 62.5 93.7

179 20.3 16.7 25.1

108 18.0 15.5 23.3

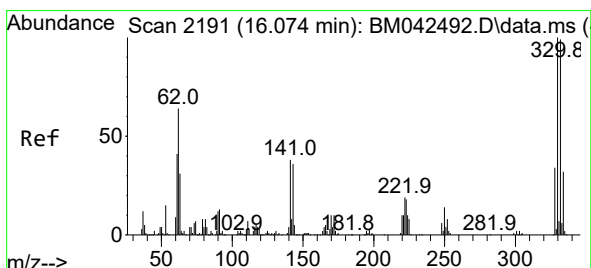
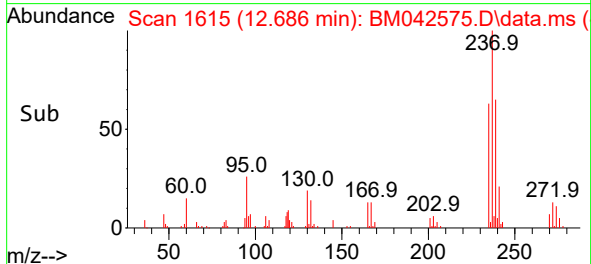
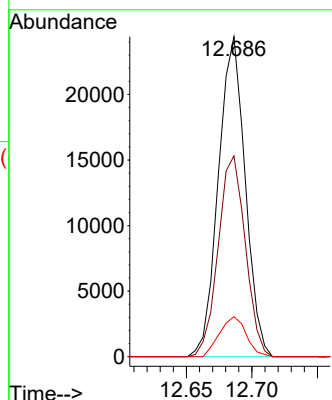
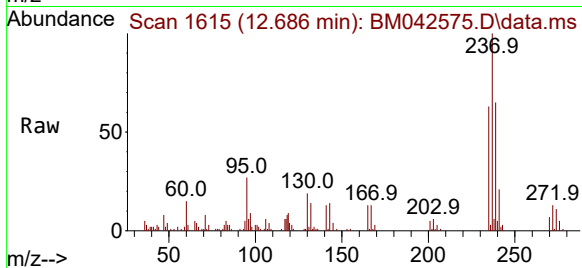




#41
Hexachlorocyclopentadiene
Concen: 21.954 ng
RT: 12.686 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

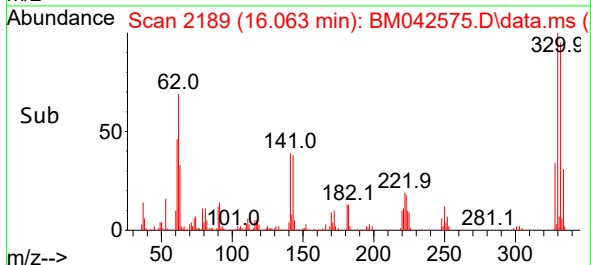
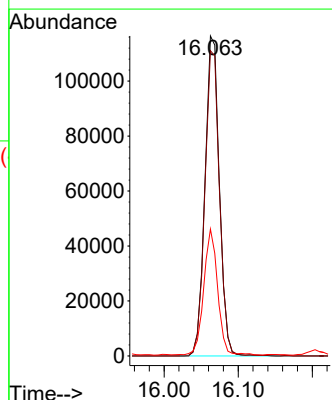
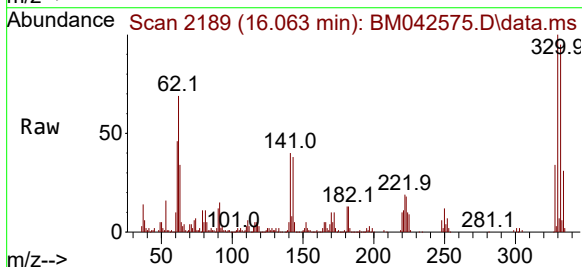
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MSD

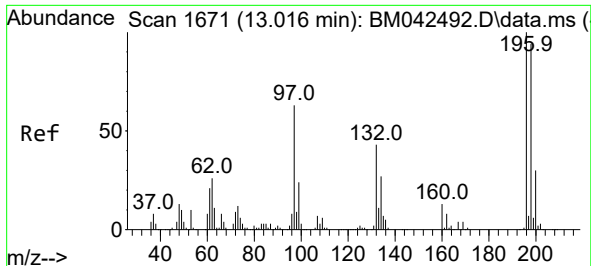
Tgt Ion:237 Resp: 34685
Ion Ratio Lower Upper
237 100
235 62.7 42.5 82.5
272 12.5 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 106.789 ng
RT: 16.063 min Scan# 2189
Delta R.T. -0.000 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

Tgt Ion:330 Resp: 157309
Ion Ratio Lower Upper
330 100
332 96.8 78.8 118.2
141 38.1 31.1 46.7

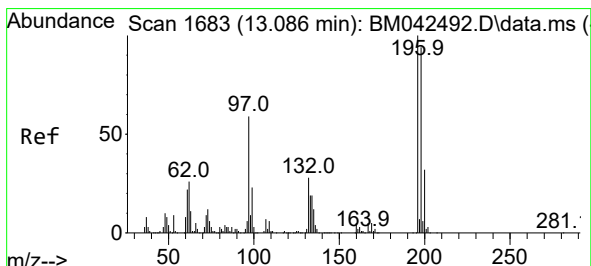
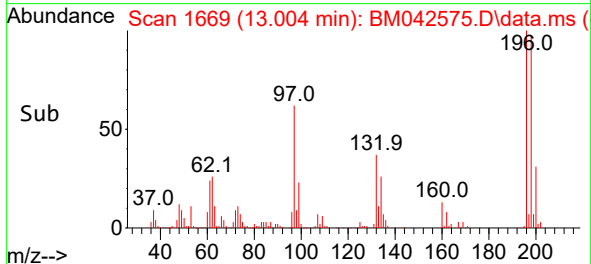
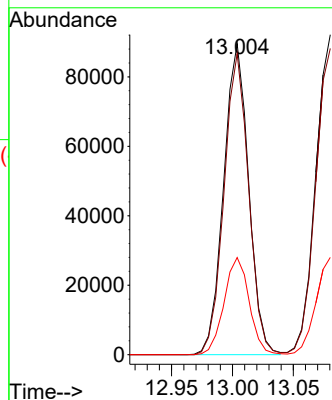
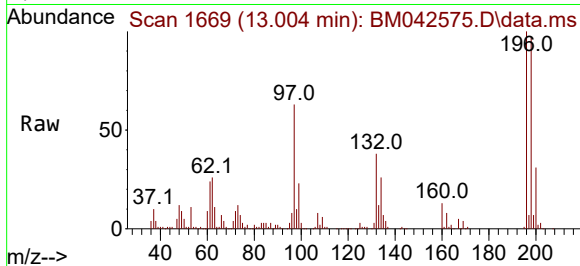




#43
 2,4,6-Trichlorophenol
 Concen: 59.255 ng
 RT: 13.004 min Scan# 1
 Delta R.T. 0.006 min
 Lab File: BM042575.D
 Acq: 03 Nov 2023 17:59

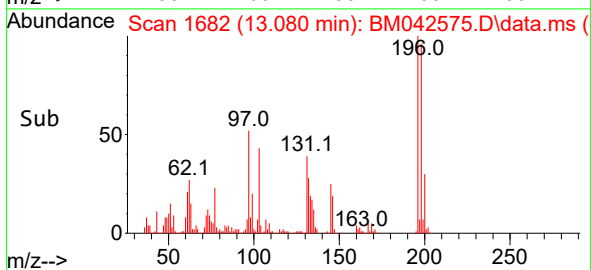
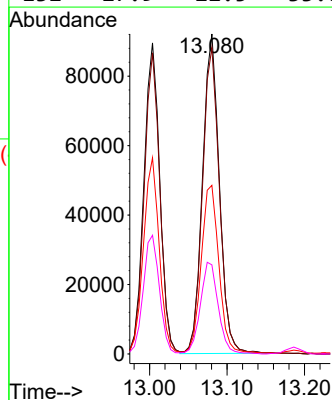
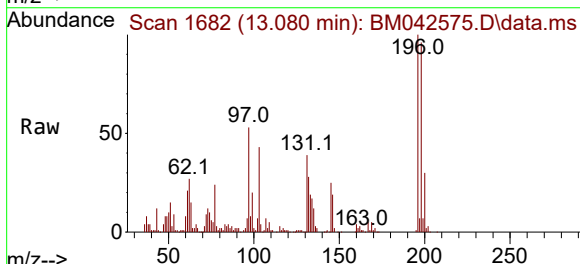
Instrument :
 BNA_M
 ClientSampleId :
 Z-7(0-5)MSD

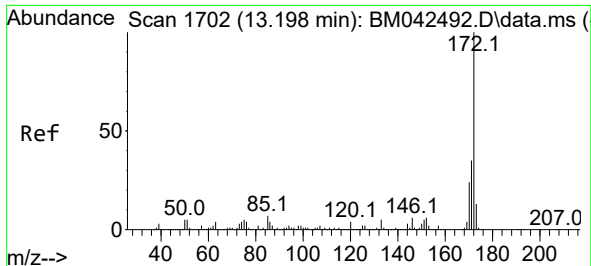
Tgt Ion:196 Resp: 127929
 Ion Ratio Lower Upper
 196 100
 198 96.8 75.2 112.8
 200 31.2 24.3 36.5



#44
 2,4,5-Trichlorophenol
 Concen: 54.153 ng
 RT: 13.080 min Scan# 1682
 Delta R.T. 0.006 min
 Lab File: BM042575.D
 Acq: 03 Nov 2023 17:59

Tgt Ion:196 Resp: 139126
 Ion Ratio Lower Upper
 196 100
 198 95.7 75.1 112.7
 97 52.7 47.4 71.0
 132 27.9 22.5 33.7

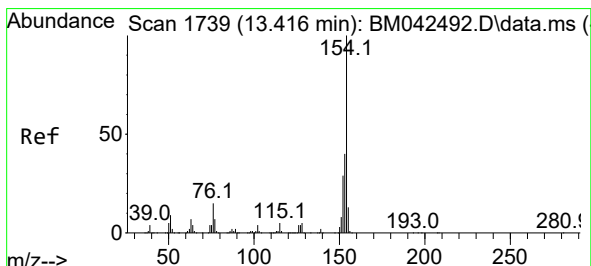
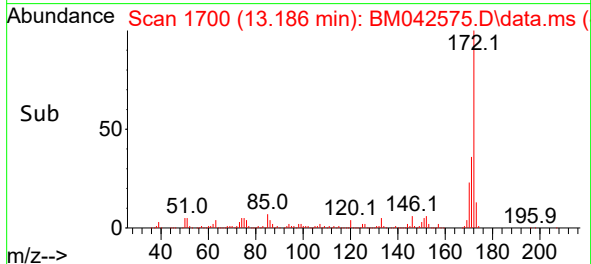
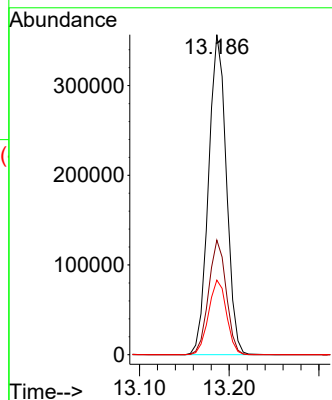
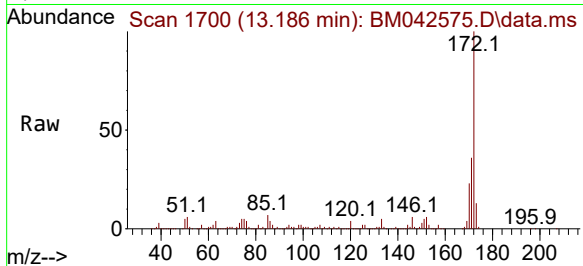




#45
2-Fluorobiphenyl
Concen: 58.636 ng
RT: 13.186 min Scan# 1702
Delta R.T. -0.000 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

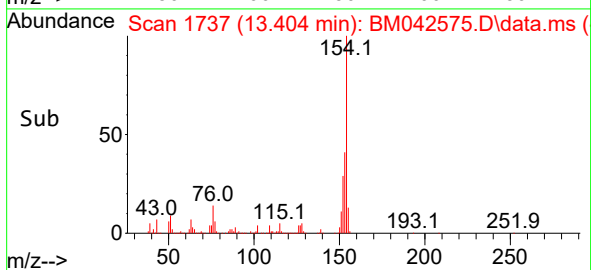
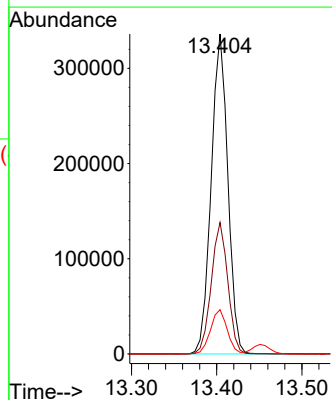
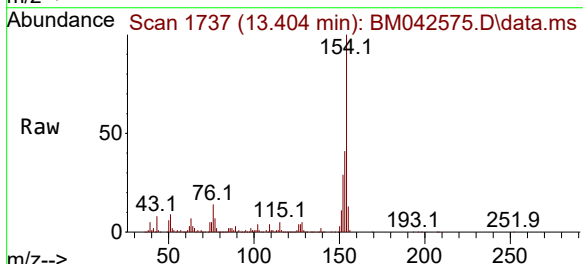
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MSD

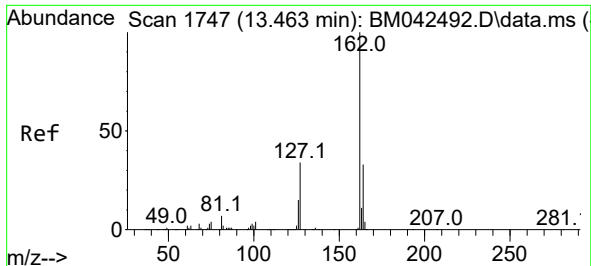
Tgt Ion:172 Resp: 491664
Ion Ratio Lower Upper
172 100
171 35.8 28.2 42.2
170 23.3 19.0 28.4



#46
1,1'-Biphenyl
Concen: 52.818 ng
RT: 13.404 min Scan# 1737
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

Tgt Ion:154 Resp: 455544
Ion Ratio Lower Upper
154 100
153 41.1 20.3 60.3
76 13.9 0.0 35.0

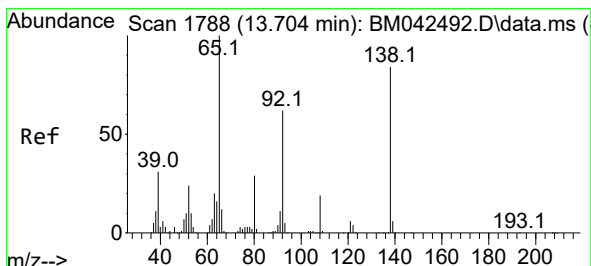
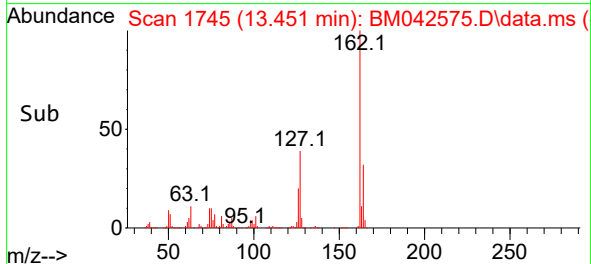
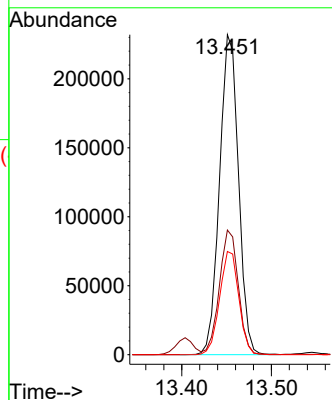
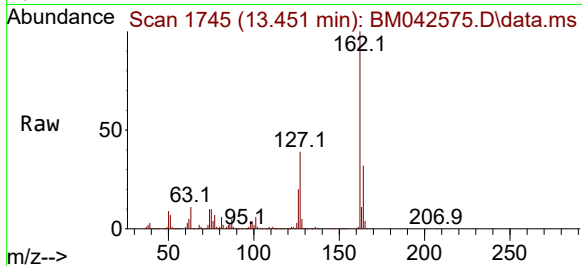




#47
2-Chloronaphthalene
Concen: 53.766 ng
RT: 13.451 min Scan# 1745
Delta R.T. -0.000 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

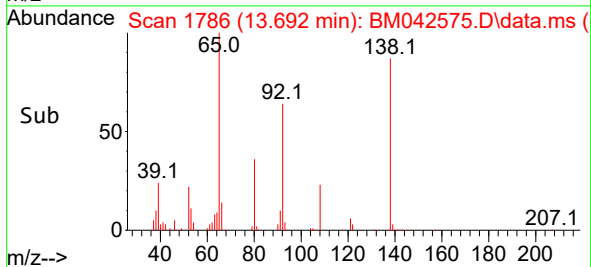
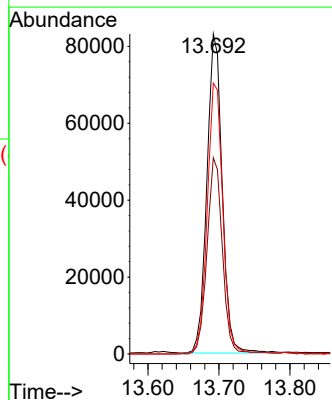
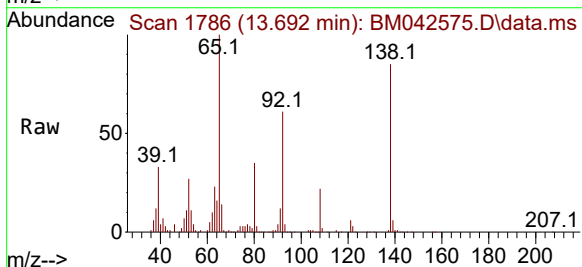
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MSD

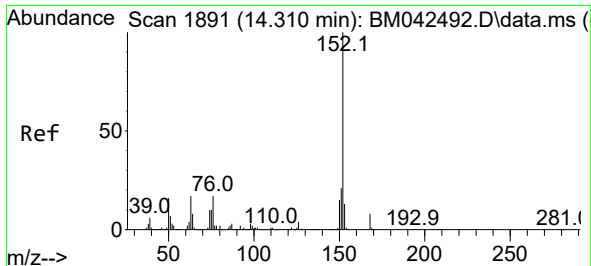
Tgt Ion:162 Resp: 340193
Ion Ratio Lower Upper
162 100
127 38.9 31.1 46.7
164 32.3 26.2 39.4



#48
2-Nitroaniline
Concen: 48.787 ng
RT: 13.692 min Scan# 1786
Delta R.T. -0.000 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

Tgt Ion: 65 Resp: 124707
Ion Ratio Lower Upper
65 100
92 61.3 49.4 74.2
138 84.7 66.9 100.3

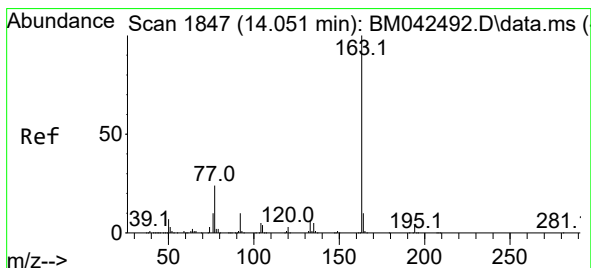
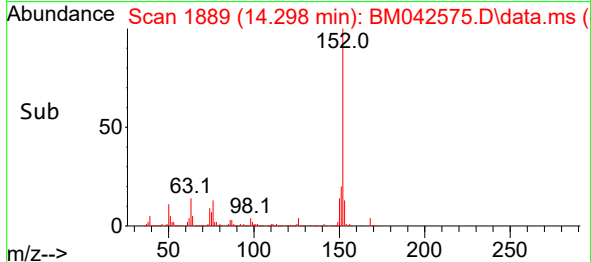
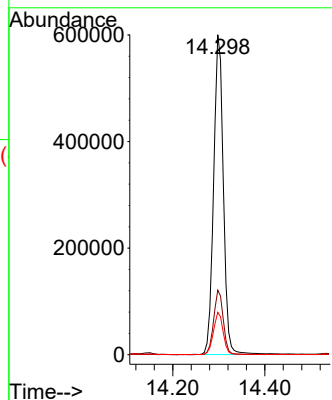
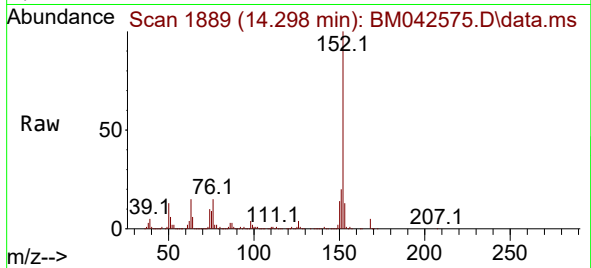




#49
Acenaphthylene
Concen: 83.957 ng
RT: 14.298 min Scan# 1889
Delta R.T. -0.000 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

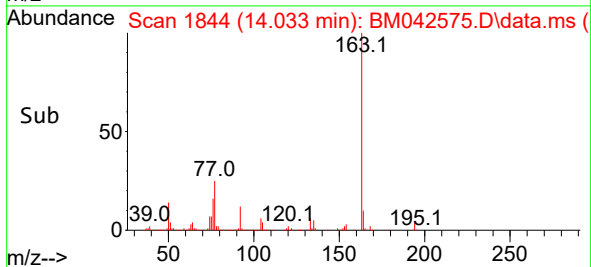
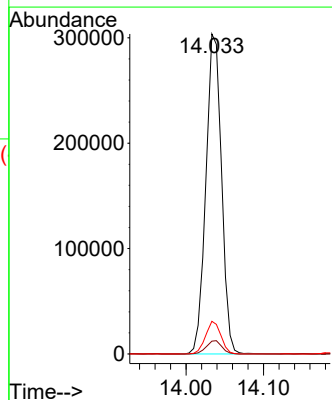
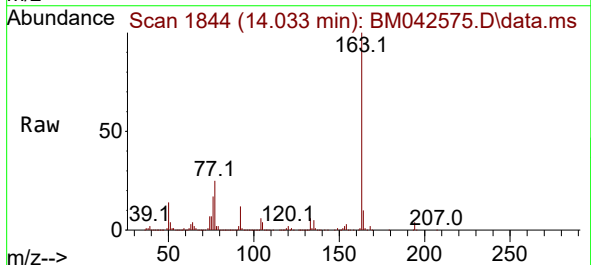
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MSD

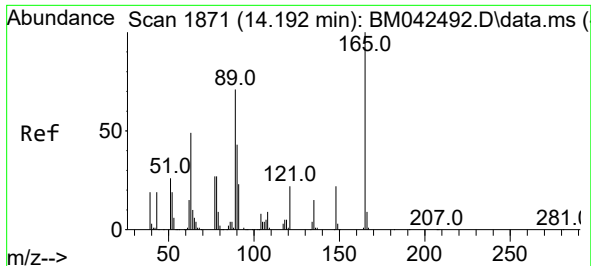
Tgt Ion:152 Resp: 879777
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 13.3 10.4 15.6



#50
Dimethylphthalate
Concen: 50.458 ng
RT: 14.033 min Scan# 1844
Delta R.T. -0.000 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

Tgt Ion:163 Resp: 425505
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.2 7.8 11.8

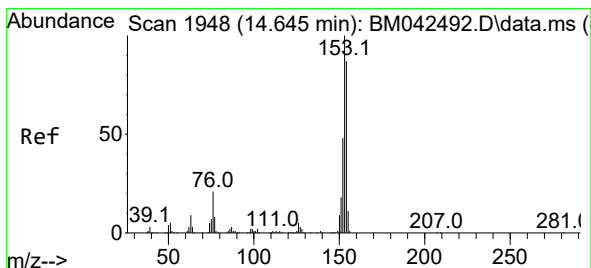
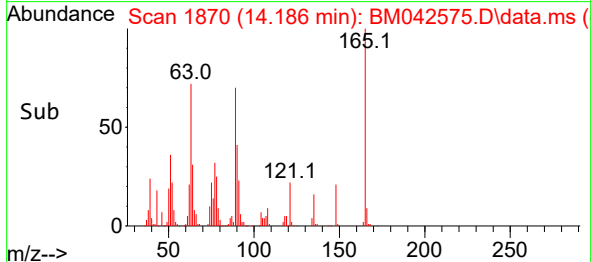
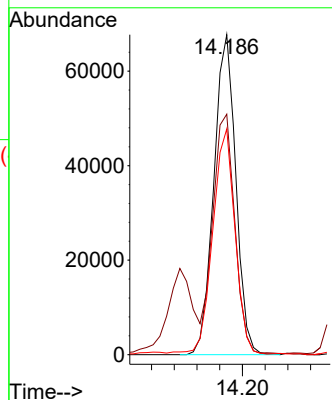
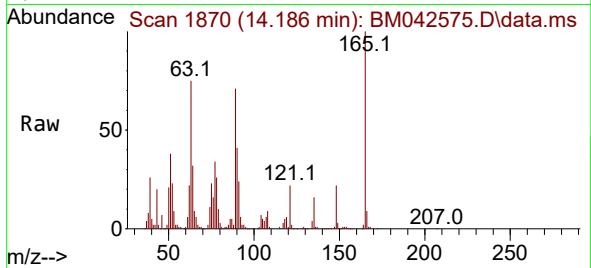




#51
2,6-Dinitrotoluene
Concen: 52.245 ng
RT: 14.186 min Scan# 1871
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

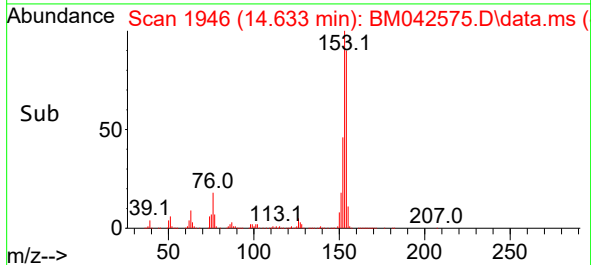
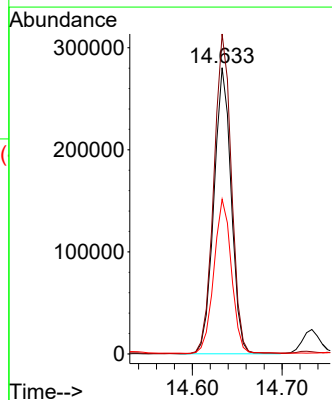
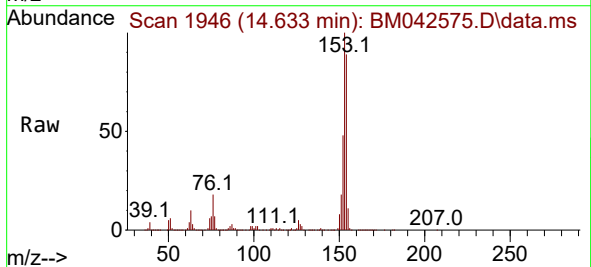
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MSD

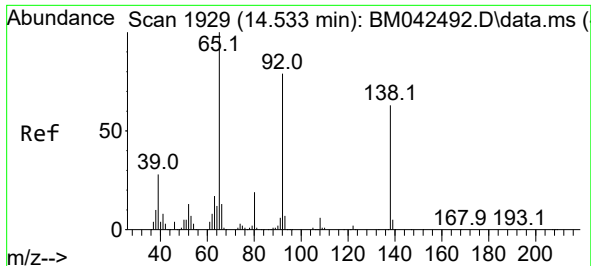
Tgt Ion:165 Resp: 90801
Ion Ratio Lower Upper
165 100
63 75.1 59.4 89.0
89 70.6 57.0 85.6



#52
Acenaphthene
Concen: 59.160 ng
RT: 14.633 min Scan# 1946
Delta R.T. -0.000 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

Tgt Ion:154 Resp: 376238
Ion Ratio Lower Upper
154 100
153 111.8 92.0 138.0
152 54.1 44.0 66.0

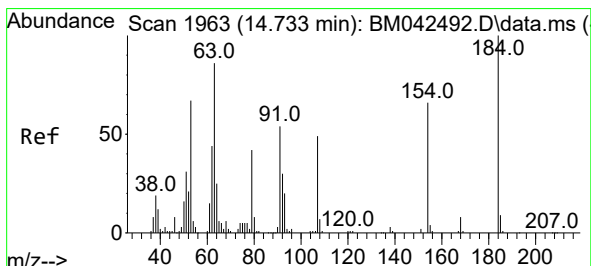
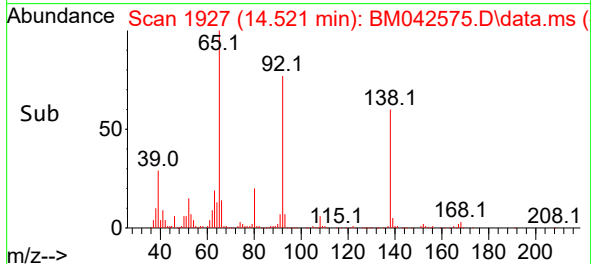
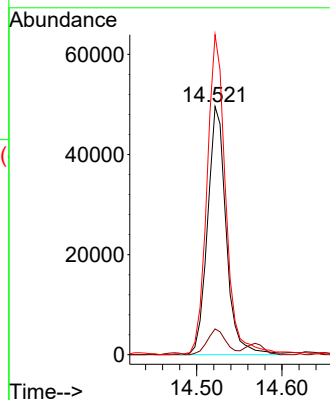
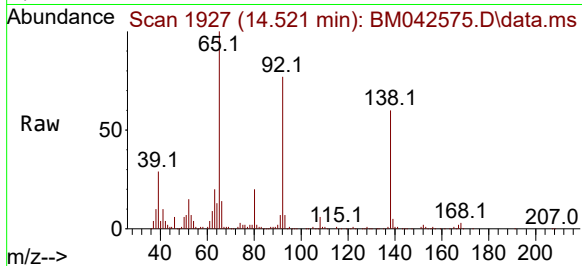




#53
3-Nitroaniline
Concen: 39.489 ng
RT: 14.521 min Scan# 1927
Delta R.T. -0.000 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

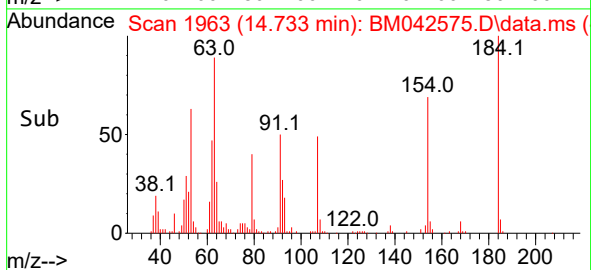
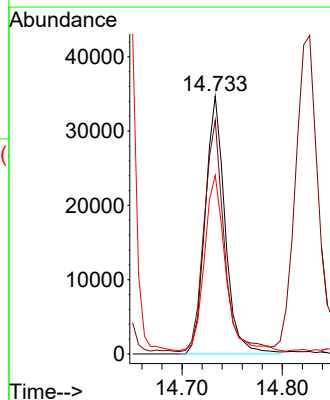
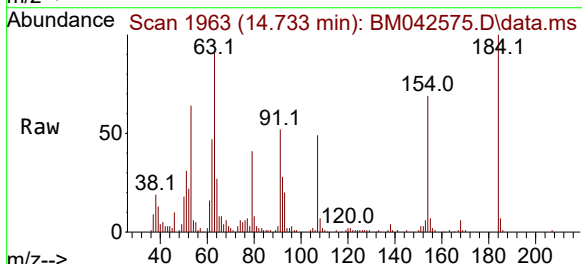
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MSD

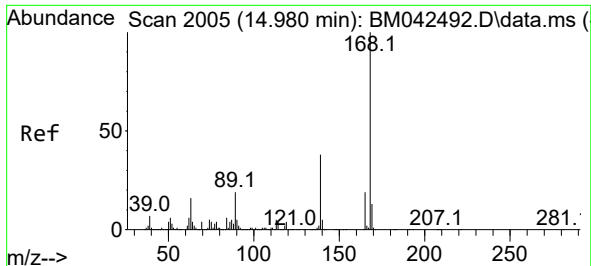
Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.4	7.9	11.9
92	128.9	100.7	151.1



#54
2,4-Dinitrophenol
Concen: 42.823 ng
RT: 14.733 min Scan# 1963
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

Tgt Ion	Ratio	Lower	Upper
184	100		
63	90.6	69.2	103.8
154	69.3	53.2	79.8

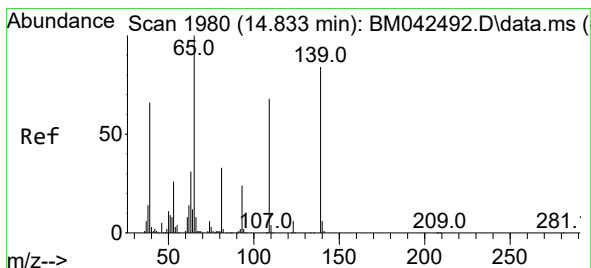
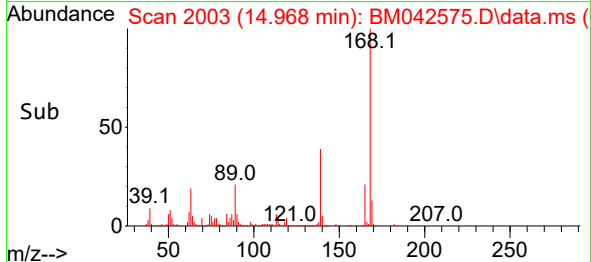
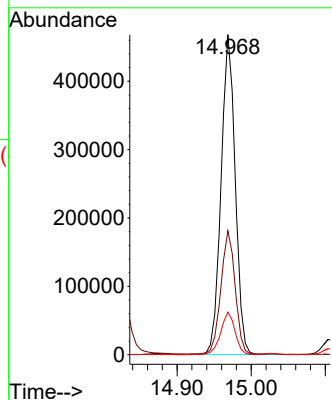
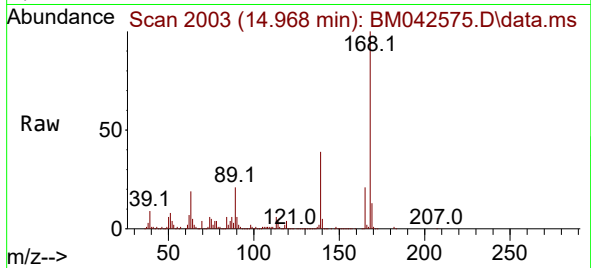




#55
Dibenzenofuran
Concen: 60.002 ng
RT: 14.968 min Scan# 20
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

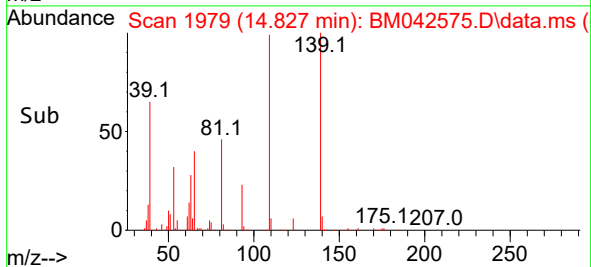
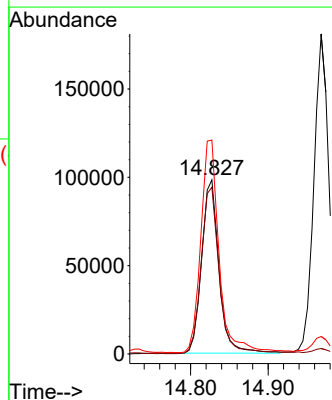
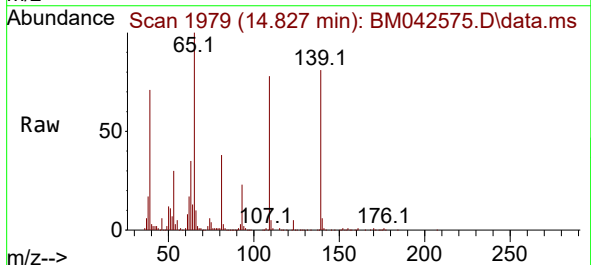
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MSD

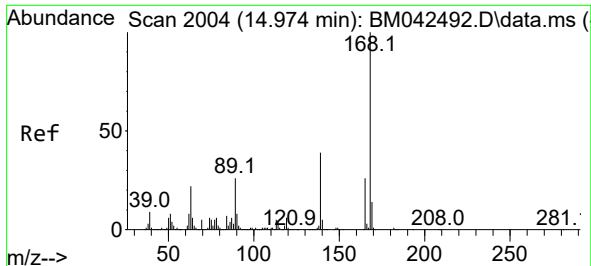
Tgt Ion:168 Resp: 620427
Ion Ratio Lower Upper
168 100
139 38.7 30.4 45.6
169 13.3 10.6 15.8



#56
4-Nitrophenol
Concen: 95.087 ng
RT: 14.827 min Scan# 1979
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

Tgt Ion:139 Resp: 152439
Ion Ratio Lower Upper
139 100
109 95.8 61.3 101.3
65 122.9 100.2 140.2





#57

2,4-Dinitrotoluene

Concen: 48.431 ng

RT: 14.968 min Scan# 2004

Delta R.T. 0.006 min

Lab File: BM042575.D

Acq: 03 Nov 2023 17:59

Instrument :

BNA_M

ClientSampleId :

Z-7(0-5)MSD

Tgt Ion:165 Resp: 127656

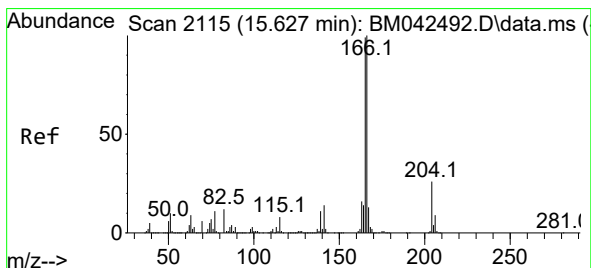
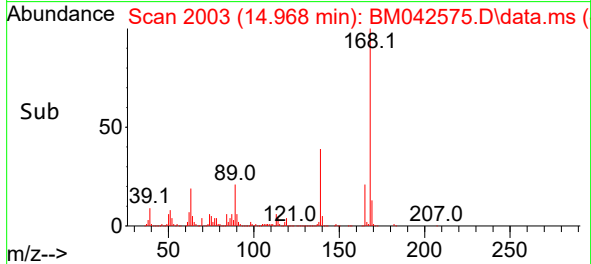
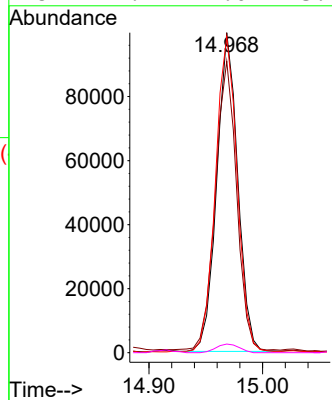
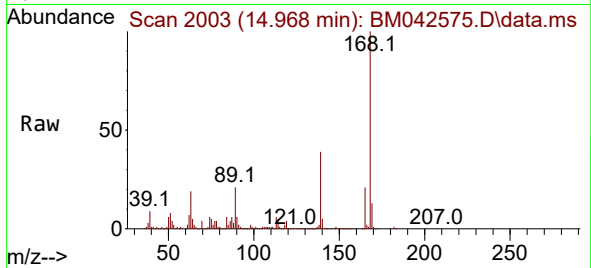
Ion Ratio Lower Upper

165 100

63 91.1 66.7 100.1

89 98.8 80.2 120.4

182 2.7 2.0 3.0



#58

Fluorene

Concen: 64.539 ng

RT: 15.615 min Scan# 2113

Delta R.T. -0.000 min

Lab File: BM042575.D

Acq: 03 Nov 2023 17:59

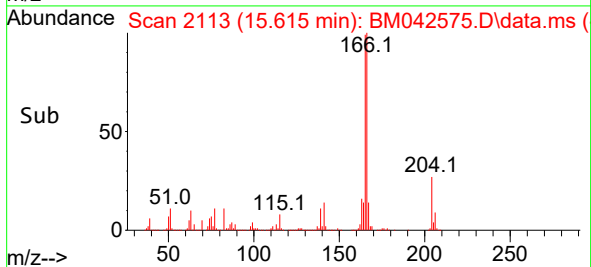
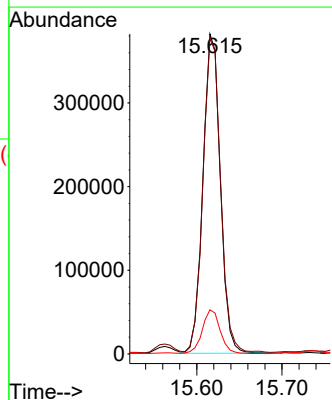
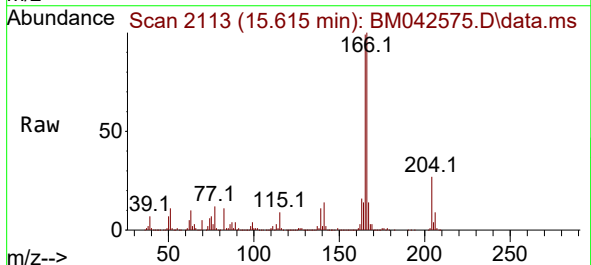
Tgt Ion:166 Resp: 539942

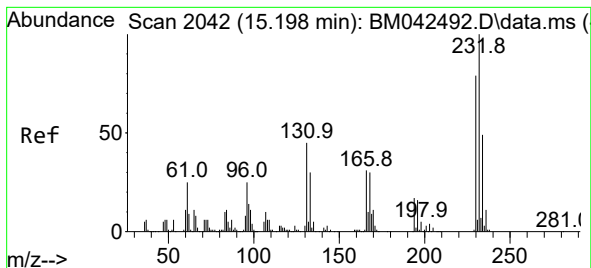
Ion Ratio Lower Upper

166 100

165 98.8 79.3 118.9

167 13.8 10.5 15.7

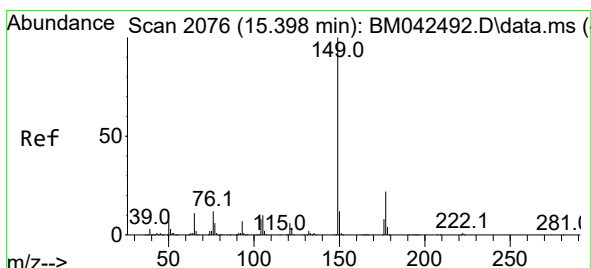
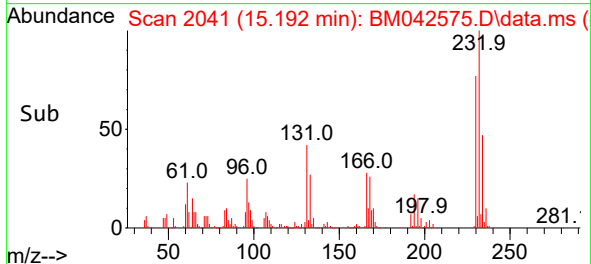
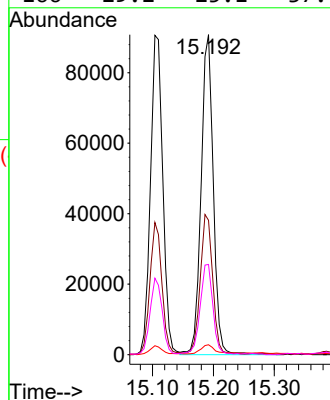
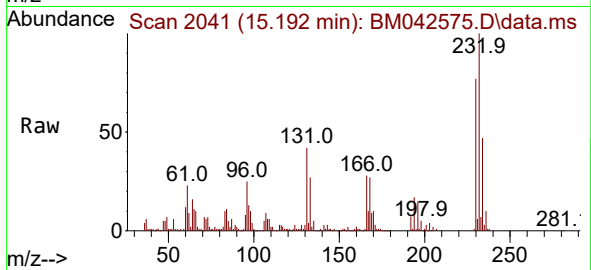




#59
2,3,4,6-Tetrachlorophenol
Concen: 58.295 ng
RT: 15.192 min Scan# 2041
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

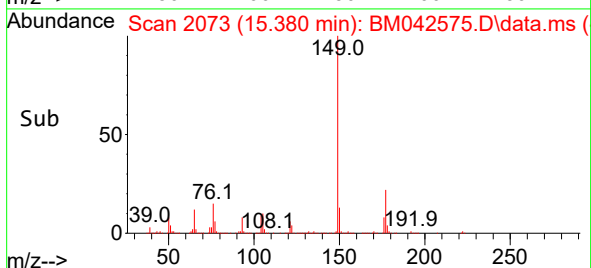
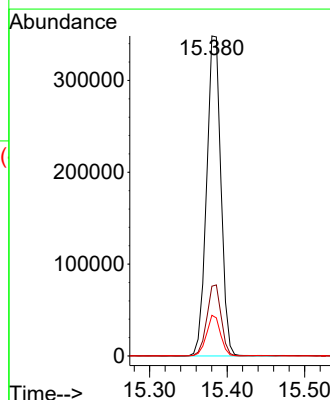
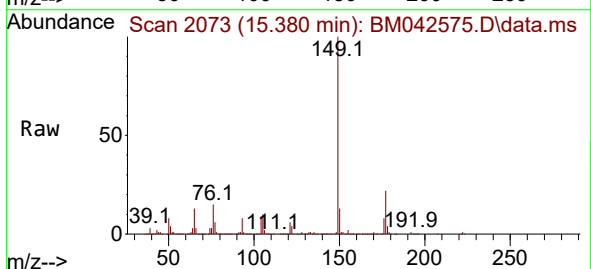
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MSD

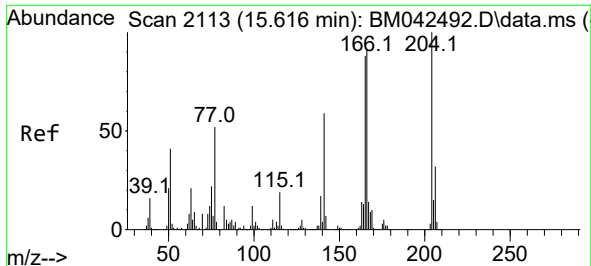
Tgt Ion:232 Resp: 126145
Ion Ratio Lower Upper
232 100
131 44.3 37.2 55.8
130 3.5 2.1 3.1#
166 29.2 25.1 37.7



#60
Diethylphthalate
Concen: 52.281 ng
RT: 15.380 min Scan# 2073
Delta R.T. -0.000 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

Tgt Ion:149 Resp: 446657
Ion Ratio Lower Upper
149 100
177 21.8 17.8 26.6
150 12.7 9.8 14.6

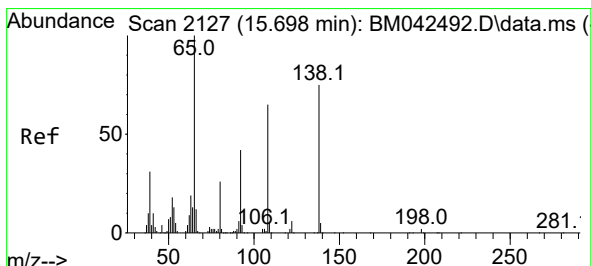
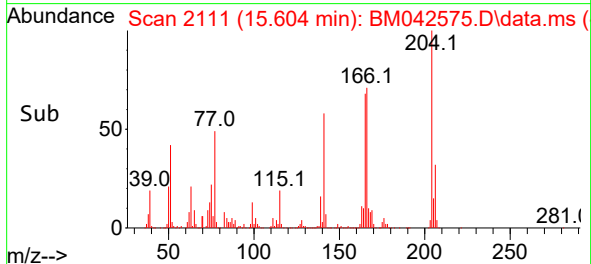
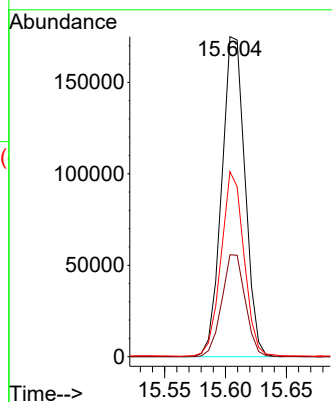
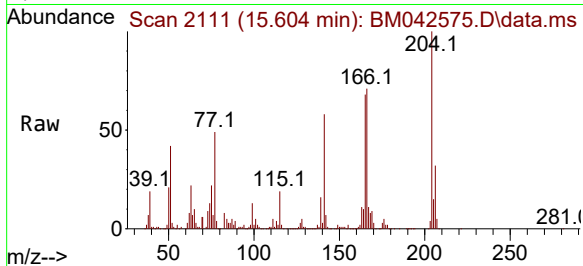




#61
4-Chlorophenyl-phenylether
Concen: 55.048 ng
RT: 15.604 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

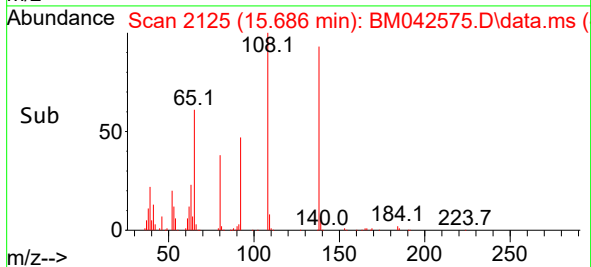
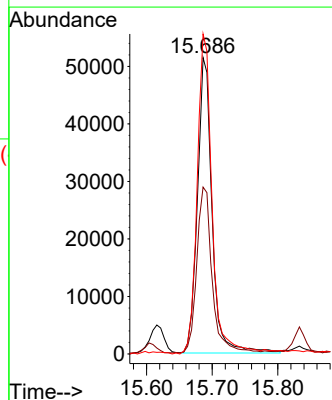
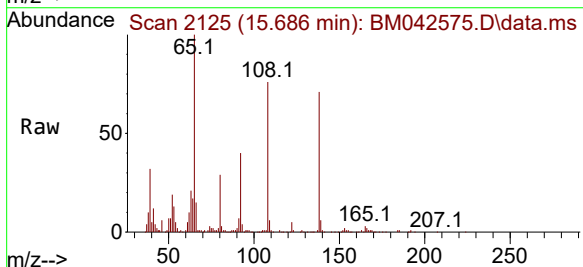
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MSD

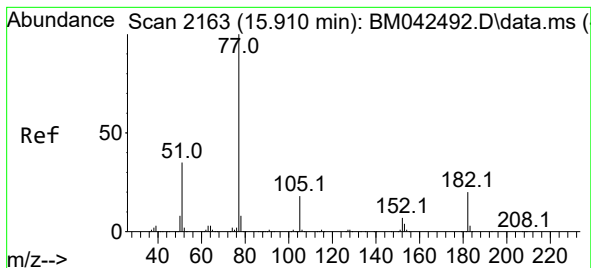
Tgt Ion:204 Resp: 232667
Ion Ratio Lower Upper
204 100
206 31.9 25.9 38.9
141 57.8 46.8 70.2



#62
4-Nitroaniline
Concen: 46.281 ng
RT: 15.686 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

Tgt Ion:138 Resp: 80161
Ion Ratio Lower Upper
138 100
92 56.3 37.0 77.0
108 108.0 67.2 107.2#





#63

Azobenzene

Concen: 51.502 ng

RT: 15.904 min Scan# 2163

Delta R.T. 0.006 min

Lab File: BM042575.D

Acq: 03 Nov 2023 17:59

Instrument :

BNA_M

ClientSampleId :

Z-7(0-5)MSD

Tgt Ion: 77 Resp: 484866

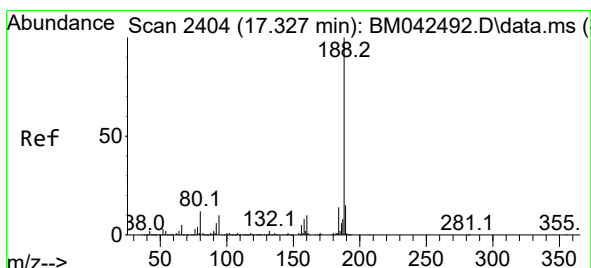
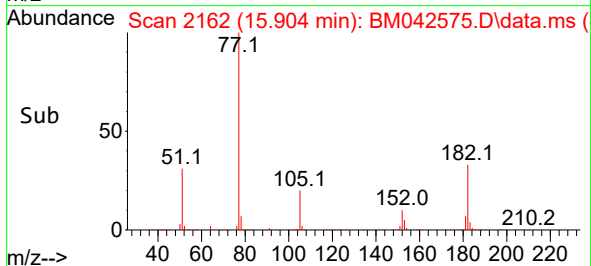
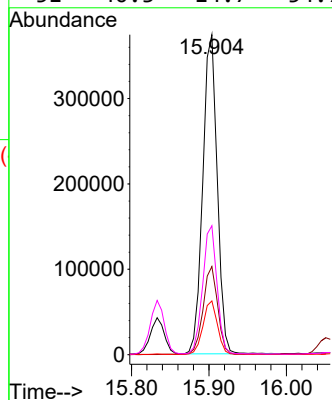
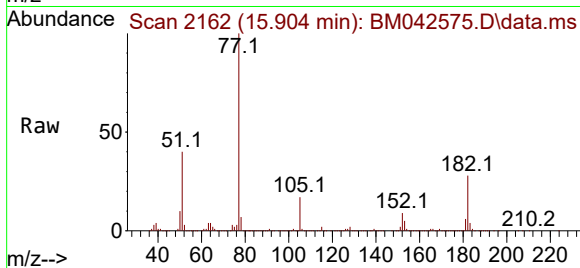
Ion Ratio Lower Upper

77 100

182 27.6 0.0 40.0

105 16.8 0.0 37.9

51 40.3 14.7 54.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.321 min Scan# 2403

Delta R.T. 0.006 min

Lab File: BM042575.D

Acq: 03 Nov 2023 17:59

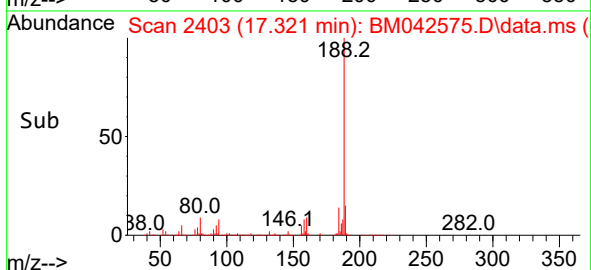
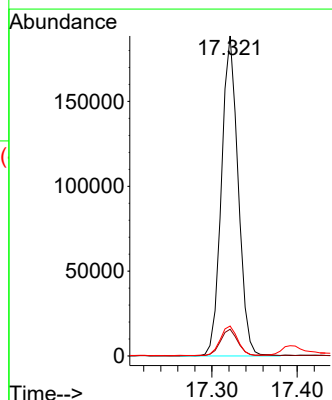
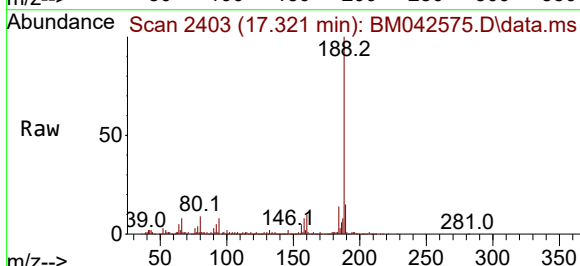
Tgt Ion:188 Resp: 256498

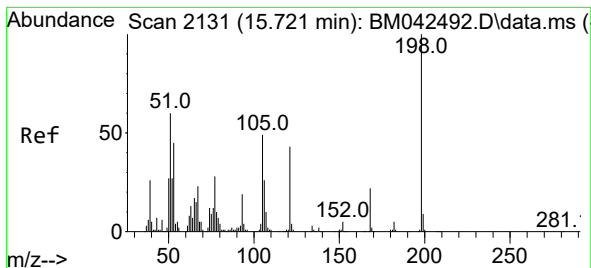
Ion Ratio Lower Upper

188 100

94 8.4 8.2 12.4

80 9.3 9.4 14.2#

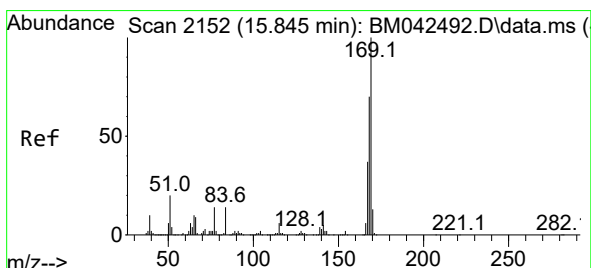
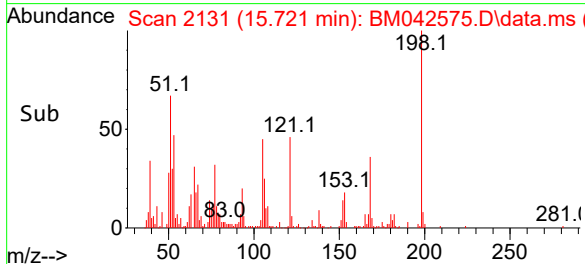
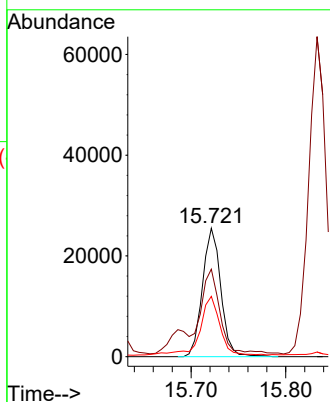
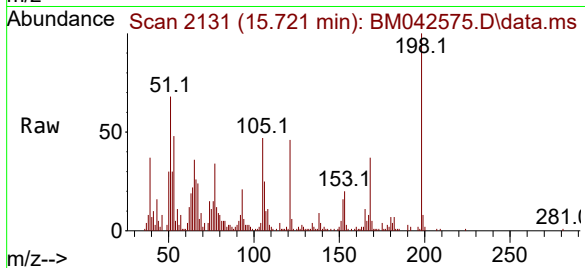




#65
4,6-Dinitro-2-methylphenol
Concen: 24.199 ng
RT: 15.721 min Scan# 2131
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

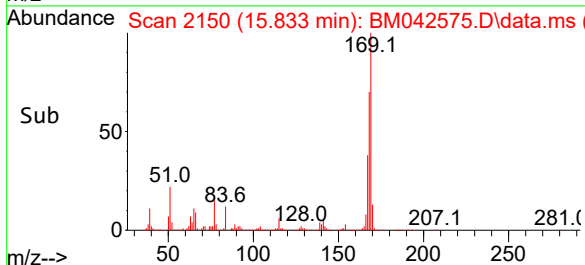
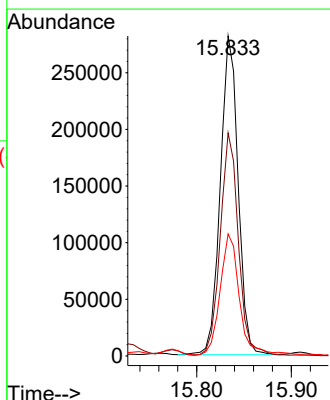
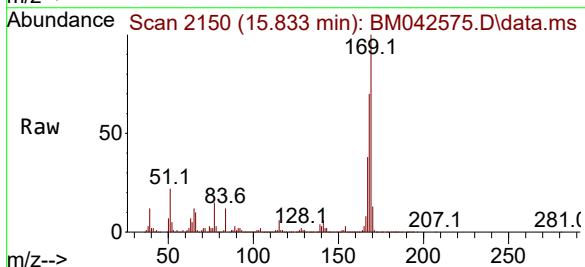
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MSD

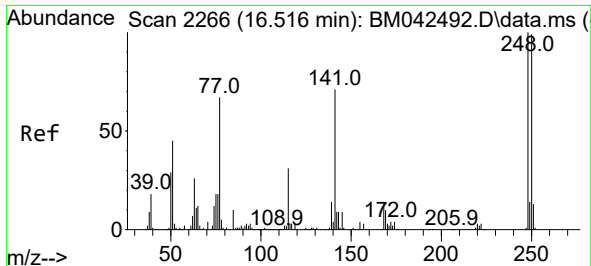
Tgt Ion:198 Resp: 34472
Ion Ratio Lower Upper
198 100
51 68.1 42.4 82.4
105 46.9 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 50.778 ng
RT: 15.833 min Scan# 2150
Delta R.T. -0.000 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

Tgt Ion:169 Resp: 367241
Ion Ratio Lower Upper
169 100
168 69.7 55.9 83.9
167 38.1 29.8 44.8





#67

4-Bromophenyl-phenylether

Concen: 55.515 ng

RT: 16.504 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM042575.D

Acq: 03 Nov 2023 17:59

Instrument :

BNA_M

ClientSampleId :

Z-7(0-5)MSD

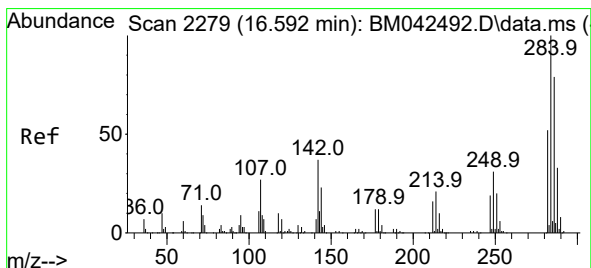
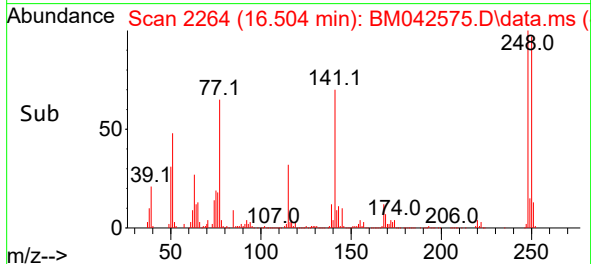
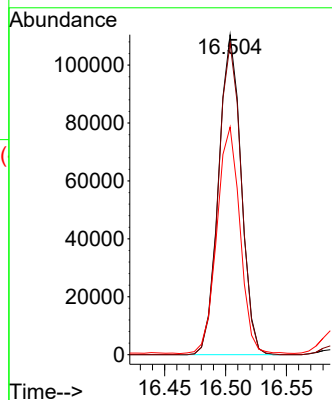
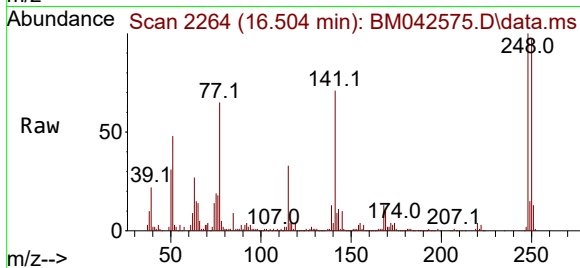
Tgt Ion:248 Resp: 142386

Ion Ratio Lower Upper

248 100

250 97.3 79.4 119.0

141 71.2 57.0 85.6



#68

Hexachlorobenzene

Concen: 59.367 ng

RT: 16.592 min Scan# 2279

Delta R.T. 0.006 min

Lab File: BM042575.D

Acq: 03 Nov 2023 17:59

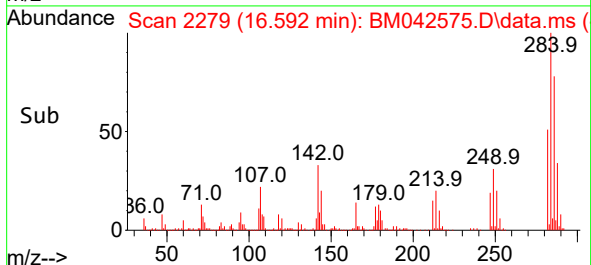
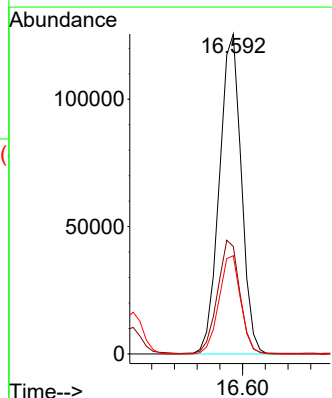
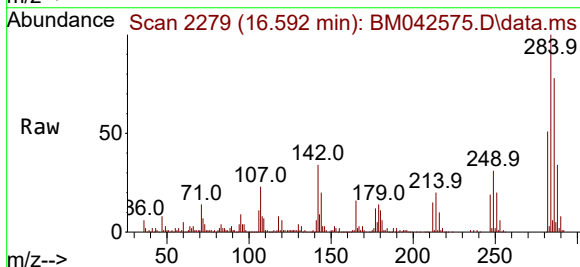
Tgt Ion:284 Resp: 168450

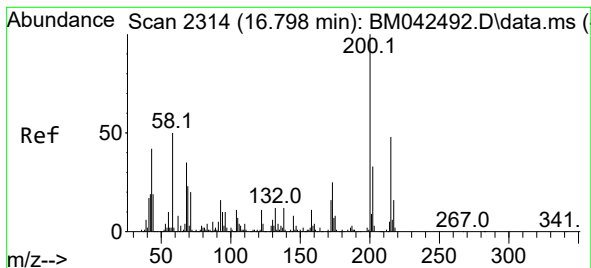
Ion Ratio Lower Upper

284 100

142 33.6 29.8 44.6

249 30.7 25.1 37.7





#69

Atrazine

Concen: 66.759 ng

RT: 16.786 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM042575.D

Acq: 03 Nov 2023 17:59

Instrument :

BNA_M

ClientSampleId :

Z-7(0-5)MSD

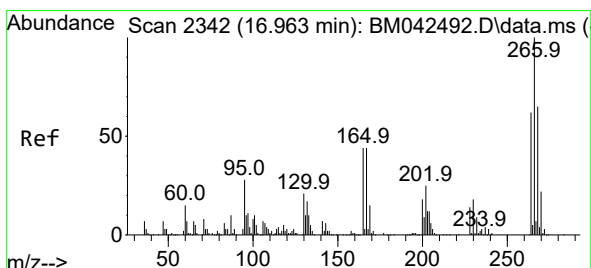
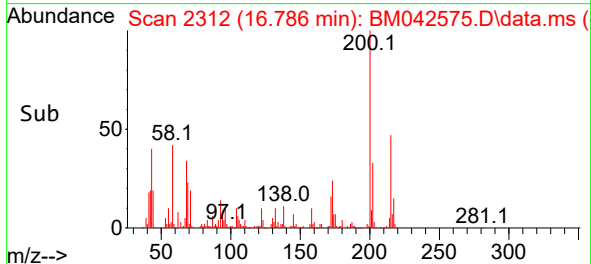
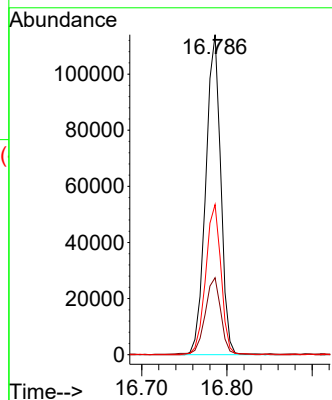
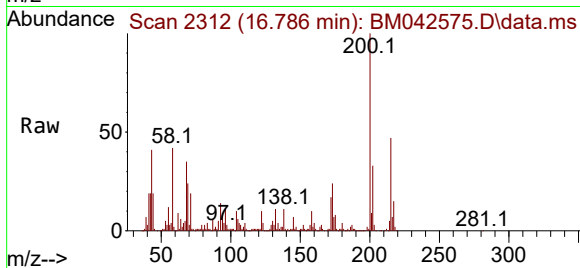
Tgt Ion:200 Resp: 139512

Ion Ratio Lower Upper

200 100

173 24.0 5.4 45.4

215 46.9 27.9 67.9



#70

Pentachlorophenol

Concen: 110.997 ng

RT: 16.957 min Scan# 2341

Delta R.T. 0.006 min

Lab File: BM042575.D

Acq: 03 Nov 2023 17:59

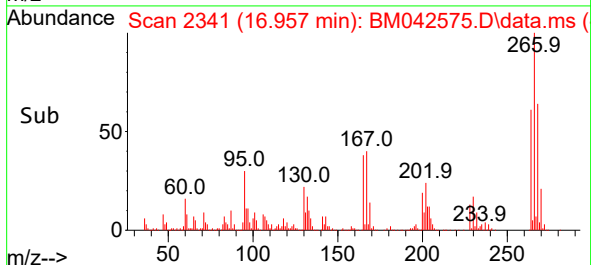
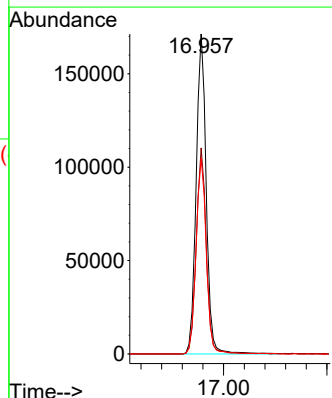
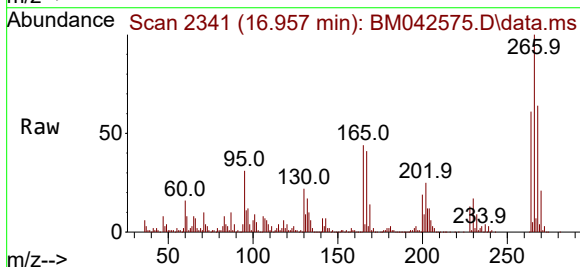
Tgt Ion:266 Resp: 231542

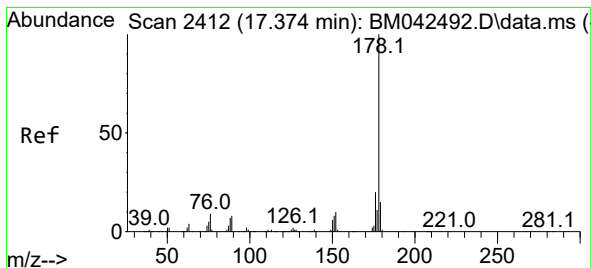
Ion Ratio Lower Upper

266 100

268 64.4 51.7 77.5

264 61.2 49.4 74.2





#71

Phenanthrene

Concen: 125.807 ng

RT: 17.368 min Scan# 2411

Delta R.T. 0.006 min

Lab File: BM042575.D

Acq: 03 Nov 2023 17:59

Instrument :

BNA_M

ClientSampleId :

Z-7(0-5)MSD

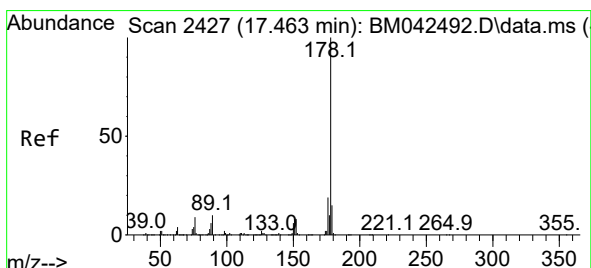
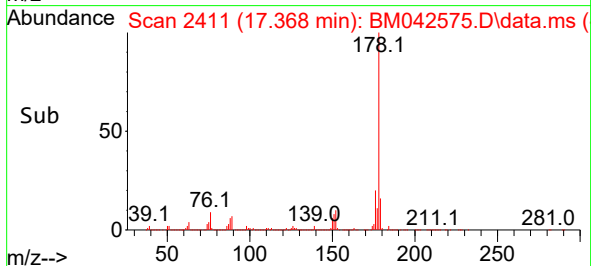
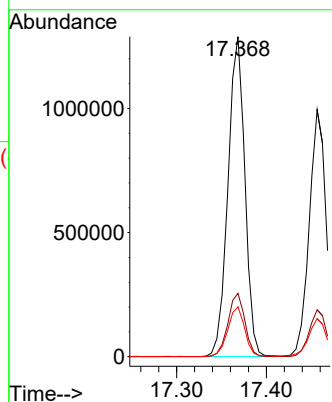
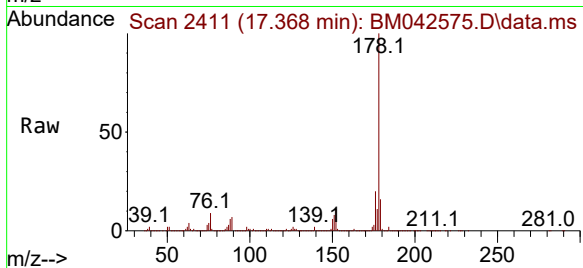
Tgt Ion:178 Resp: 1686360

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.8

179 15.6 12.2 18.4



#72

Anthracene

Concen: 98.937 ng

RT: 17.457 min Scan# 2426

Delta R.T. 0.006 min

Lab File: BM042575.D

Acq: 03 Nov 2023 17:59

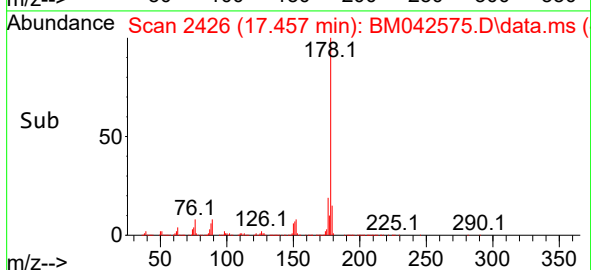
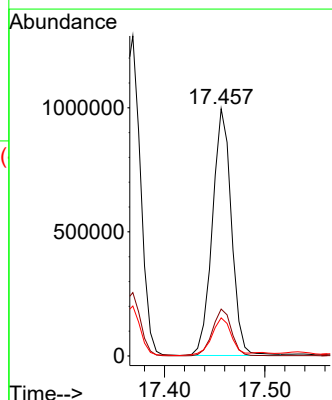
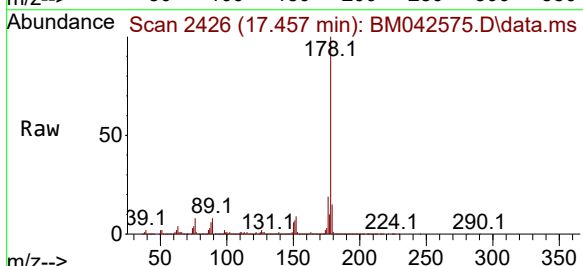
Tgt Ion:178 Resp: 1313573

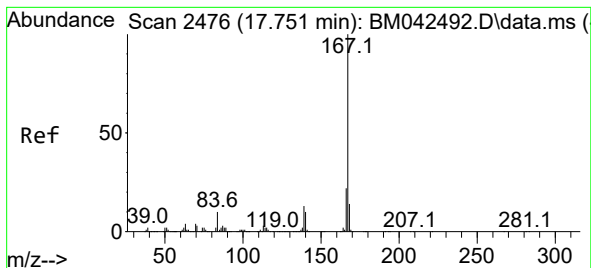
Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

179 15.4 12.3 18.5





#73

Carbazole

Concen: 63.572 ng

RT: 17.745 min Scan# 2476

Delta R.T. 0.006 min

Lab File: BM042575.D

Acq: 03 Nov 2023 17:59

Instrument :

BNA_M

ClientSampleId :

Z-7(0-5)MSD

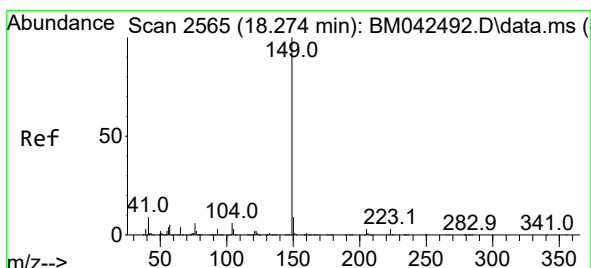
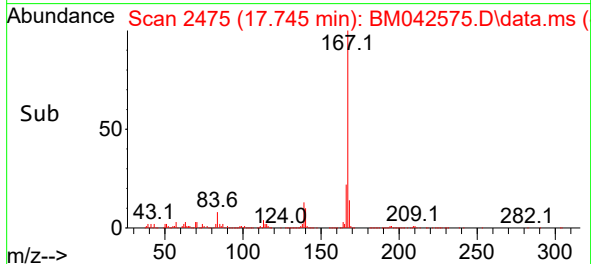
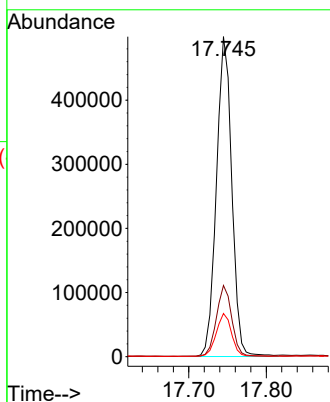
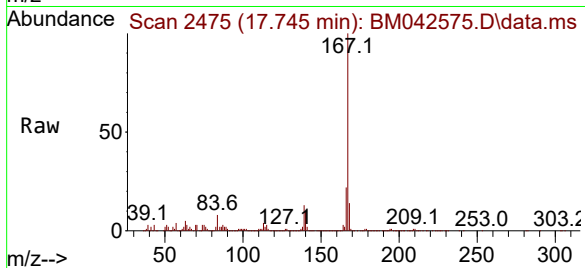
Tgt Ion:167 Resp: 686640

Ion Ratio Lower Upper

167 100

166 22.3 17.4 26.2

139 13.5 10.5 15.7



#74

Di-n-butylphthalate

Concen: 56.933 ng

RT: 18.262 min Scan# 2563

Delta R.T. 0.006 min

Lab File: BM042575.D

Acq: 03 Nov 2023 17:59

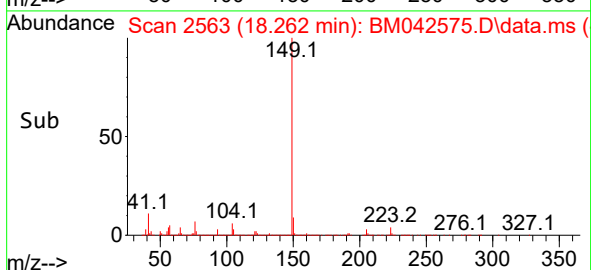
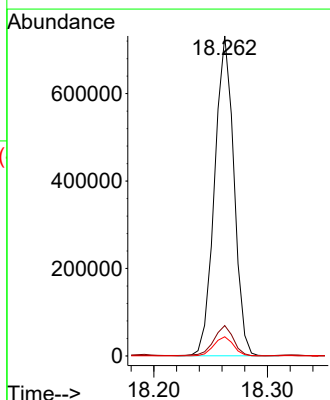
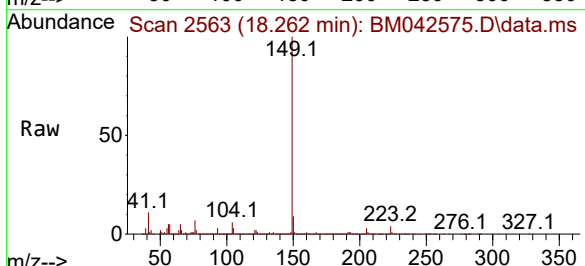
Tgt Ion:149 Resp: 863549

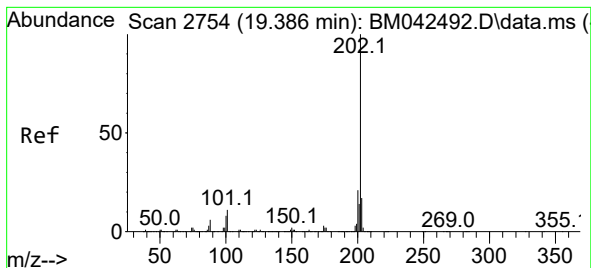
Ion Ratio Lower Upper

149 100

150 9.5 7.0 10.6

104 6.0 4.6 6.8





#75

Fluoranthene

Concen: 235.201 ng

RT: 19.386 min Scan# 21

Delta R.T. 0.011 min

Lab File: BM042575.D

Acq: 03 Nov 2023 17:59

Instrument :

BNA_M

ClientSampleId :

Z-7(0-5)MSD

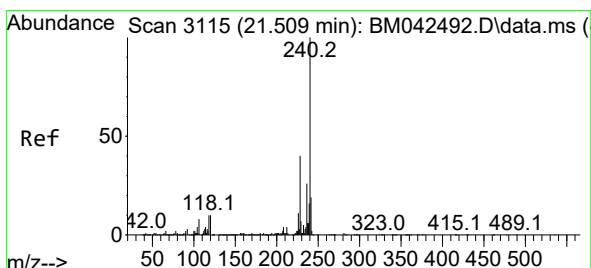
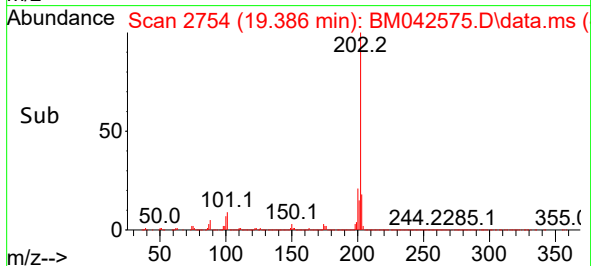
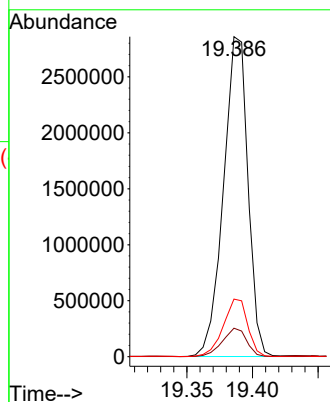
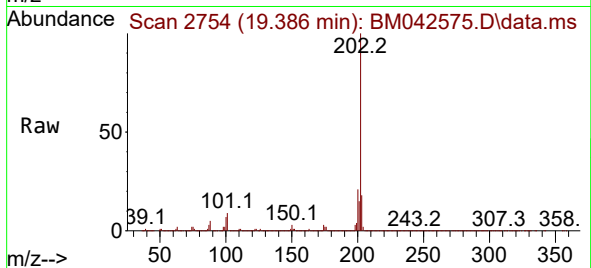
Tgt Ion:202 Resp: 3703404

Ion Ratio Lower Upper

202 100

101 8.9 0.0 30.5

203 18.0 0.0 37.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.509 min Scan# 3115

Delta R.T. 0.006 min

Lab File: BM042575.D

Acq: 03 Nov 2023 17:59

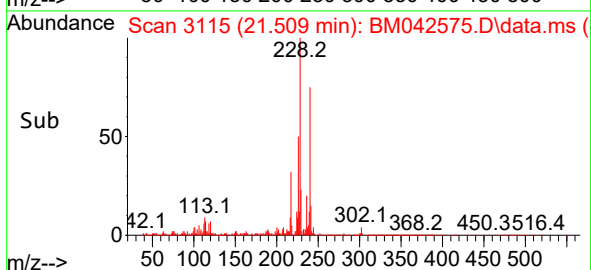
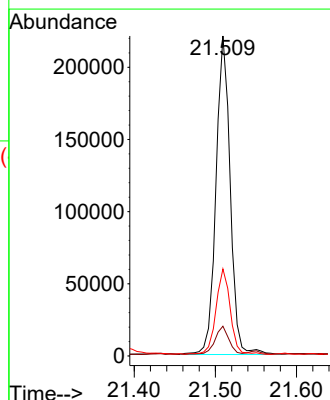
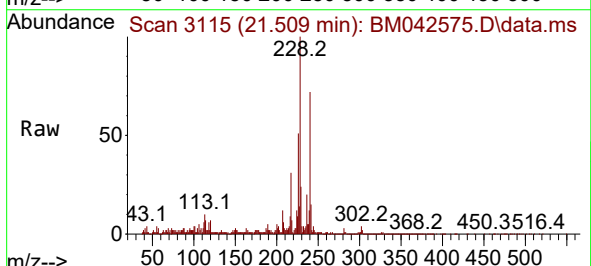
Tgt Ion:240 Resp: 269024

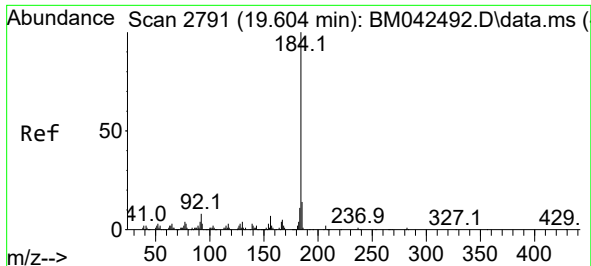
Ion Ratio Lower Upper

240 100

120 9.3 8.3 12.5

236 27.2 20.8 31.2

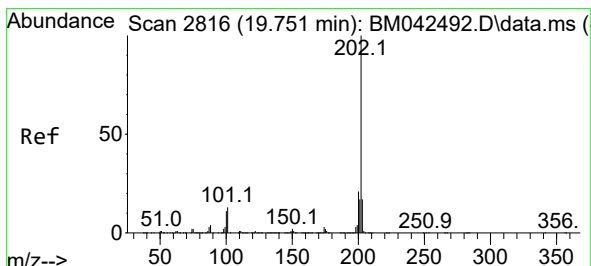
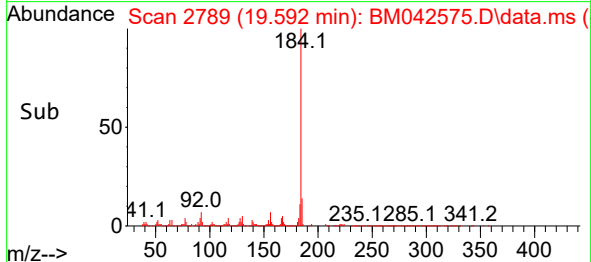
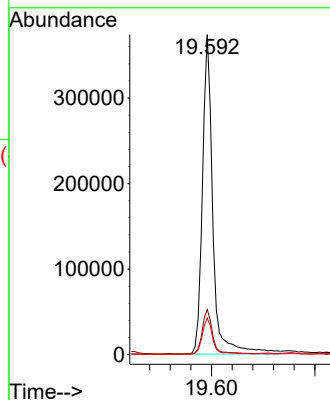
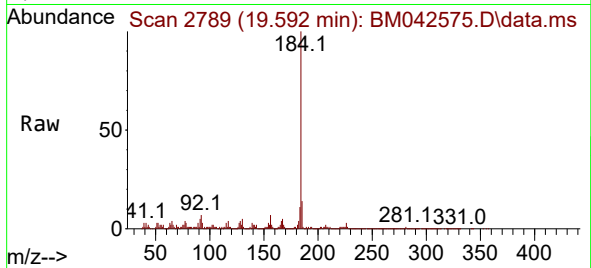




#77
Benzidine
Concen: 203.354 ng
RT: 19.592 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

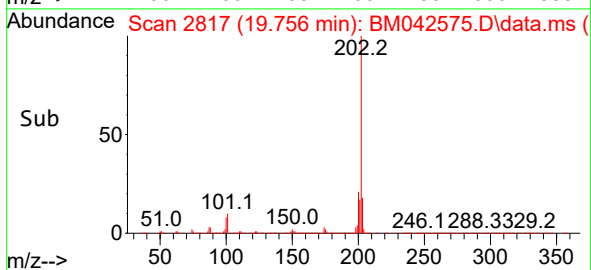
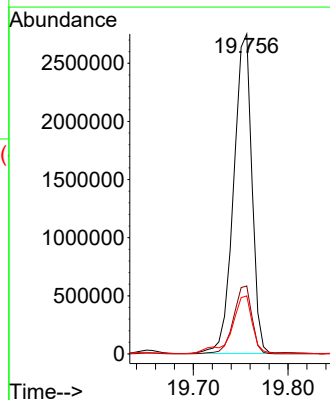
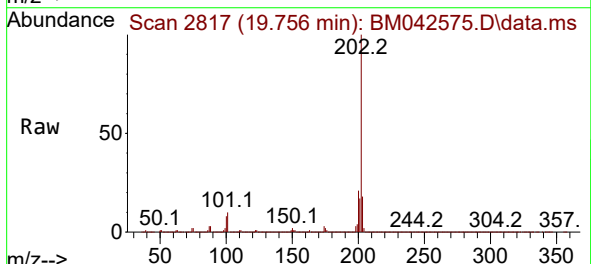
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MSD

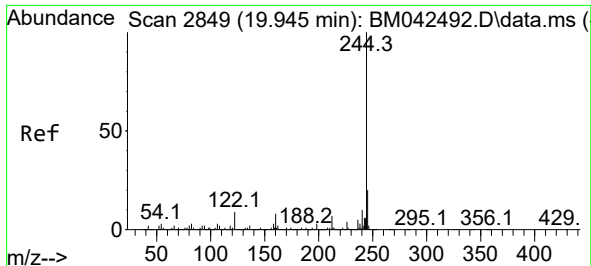
Tgt Ion:184 Resp: 524766
Ion Ratio Lower Upper
184 100
185 14.1 11.2 16.8
183 11.4 9.0 13.4



#78
Pyrene
Concen: 199.240 ng
RT: 19.756 min Scan# 2817
Delta R.T. 0.017 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

Tgt Ion:202 Resp: 3680544
Ion Ratio Lower Upper
202 100
200 21.3 16.9 25.3
203 18.2 13.7 20.5

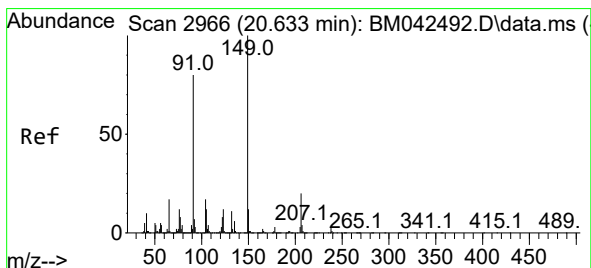
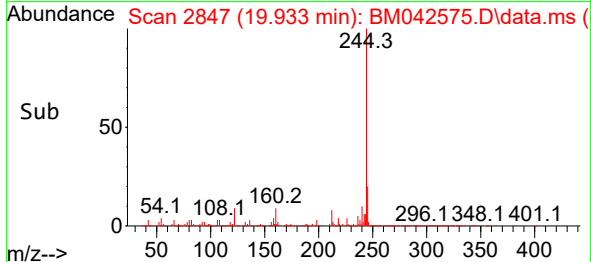
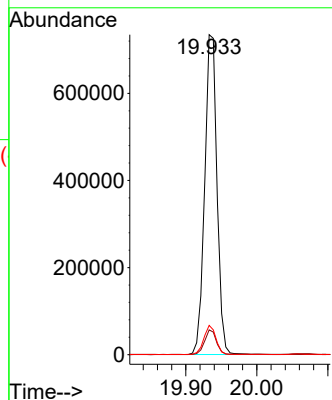
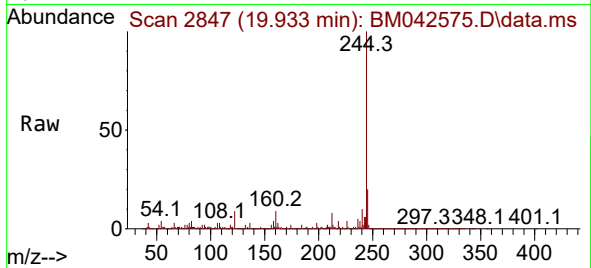




#79
 Terphenyl-d14
 Concen: 55.813 ng
 RT: 19.933 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM042575.D
 Acq: 03 Nov 2023 17:59

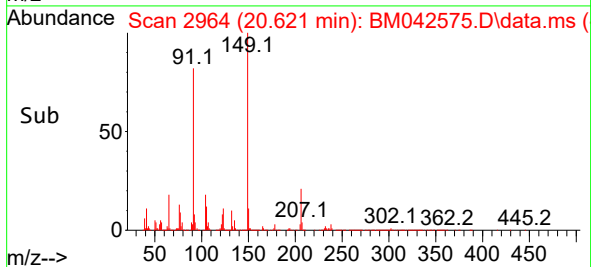
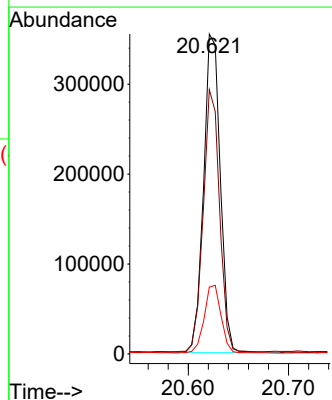
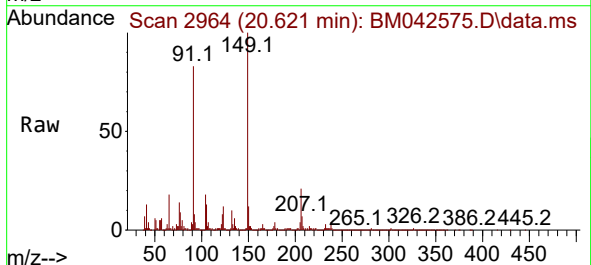
Instrument :
 BNA_M
 ClientSampleId :
 Z-7(0-5)MSD

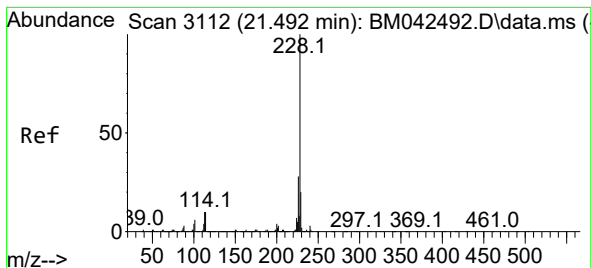
Tgt Ion:244 Resp: 885519
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.4 8.2
 122 9.1 7.2 10.8



#80
 Butylbenzylphthalate
 Concen: 52.120 ng
 RT: 20.621 min Scan# 2964
 Delta R.T. -0.000 min
 Lab File: BM042575.D
 Acq: 03 Nov 2023 17:59

Tgt Ion:149 Resp: 411218
 Ion Ratio Lower Upper
 149 100
 91 82.6 64.2 96.4
 206 20.9 16.1 24.1





#81

Benzo(a)anthracene

Concen: 143.404 ng

RT: 21.497 min Scan# 3112

Delta R.T. 0.011 min

Lab File: BM042575.D

Acq: 03 Nov 2023 17:59

Instrument :

BNA_M

ClientSampleId :

Z-7(0-5)MSD

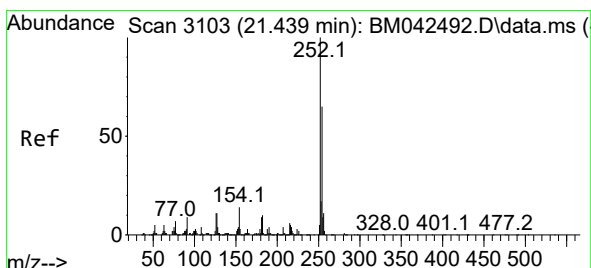
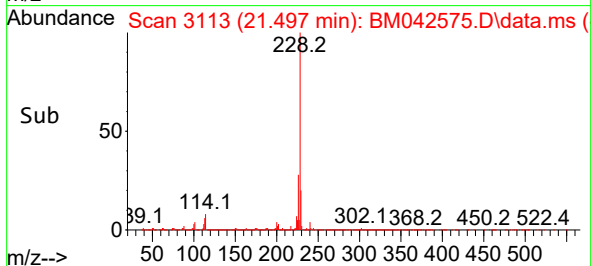
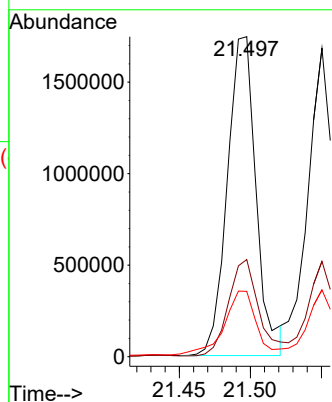
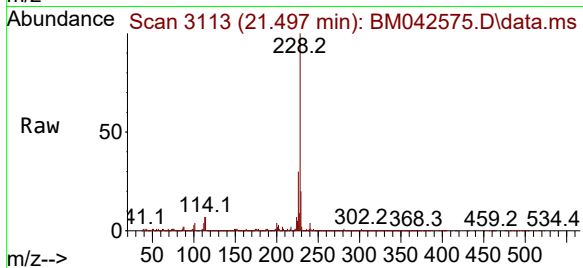
Tgt Ion:228 Resp: 2454597

Ion Ratio Lower Upper

228 100

226 30.4 22.3 33.5

229 20.4 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 56.273 ng

RT: 21.433 min Scan# 3102

Delta R.T. 0.006 min

Lab File: BM042575.D

Acq: 03 Nov 2023 17:59

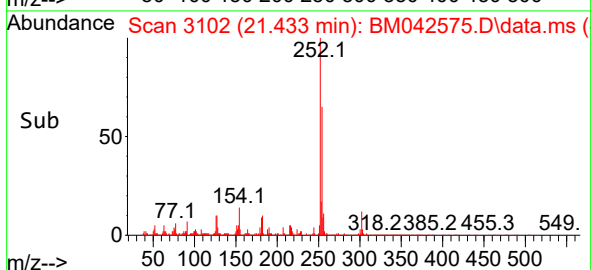
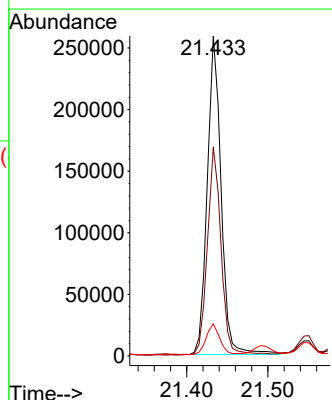
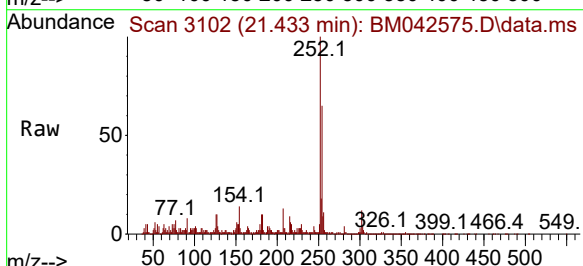
Tgt Ion:252 Resp: 306124

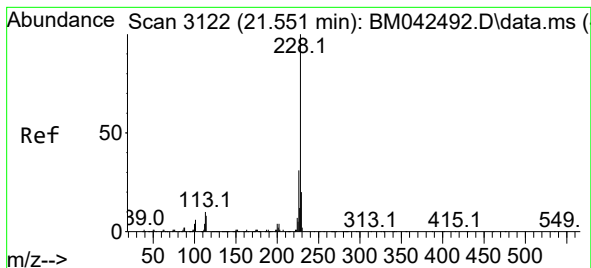
Ion Ratio Lower Upper

252 100

254 65.4 52.2 78.4

126 10.1 8.9 13.3





#83

Chrysene

Concen: 118.206 ng

RT: 21.550 min Scan# 3122

Delta R.T. 0.011 min

Lab File: BM042575.D

Acq: 03 Nov 2023 17:59

Instrument :

BNA_M

ClientSampleId :

Z-7(0-5)MSD

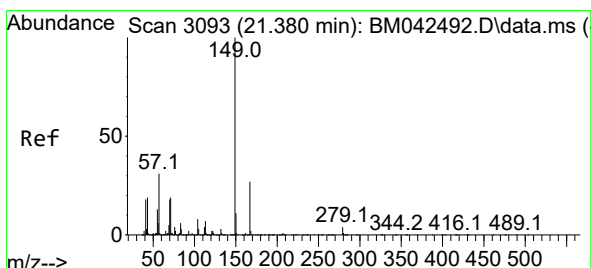
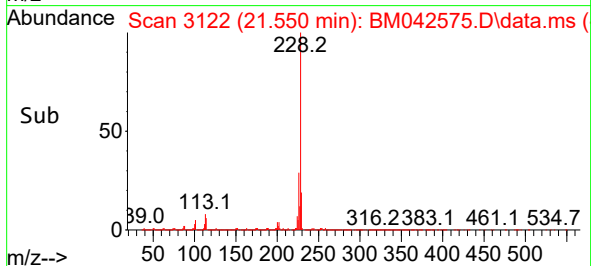
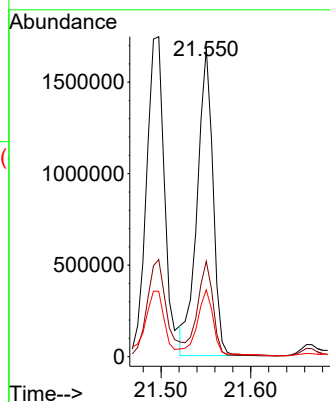
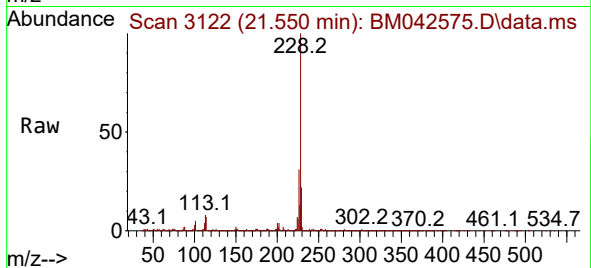
Tgt Ion:228 Resp: 2055251

Ion Ratio Lower Upper

228 100

226 30.9 24.4 36.6

229 21.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.951 ng

RT: 21.368 min Scan# 3091

Delta R.T. 0.006 min

Lab File: BM042575.D

Acq: 03 Nov 2023 17:59

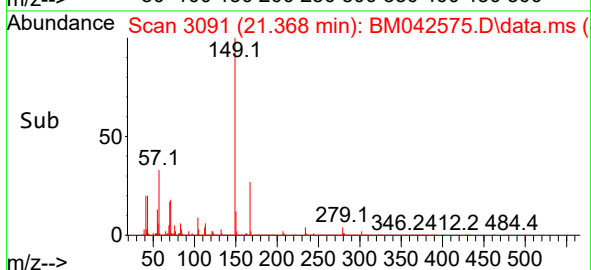
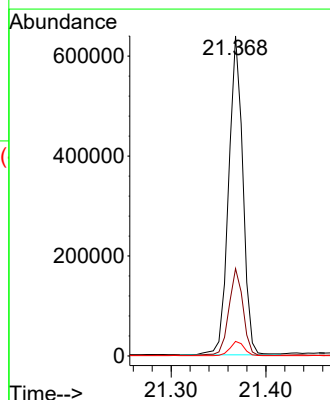
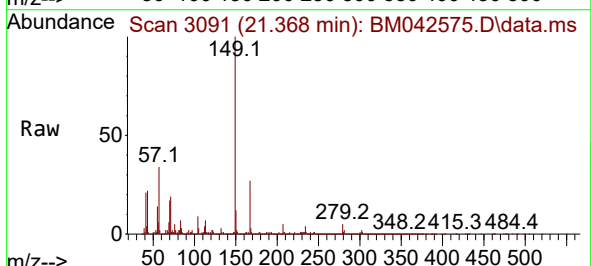
Tgt Ion:149 Resp: 667167

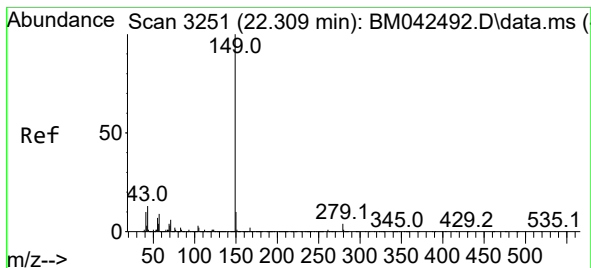
Ion Ratio Lower Upper

149 100

167 27.3 21.4 32.0

279 4.5 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 51.247 ng

RT: 22.297 min Scan# 31

Delta R.T. 0.006 min

Lab File: BM042575.D

Acq: 03 Nov 2023 17:59

Instrument :

BNA_M

ClientSampleId :

Z-7(0-5)MSD

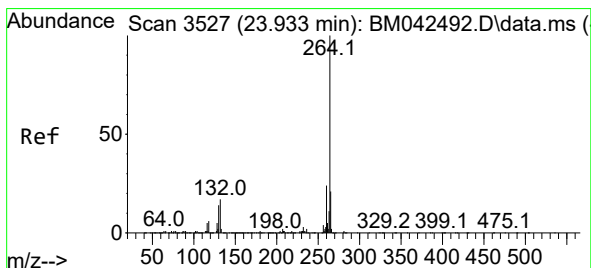
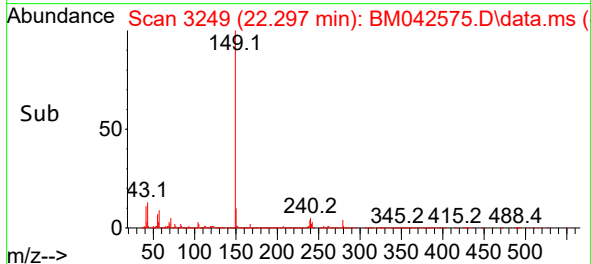
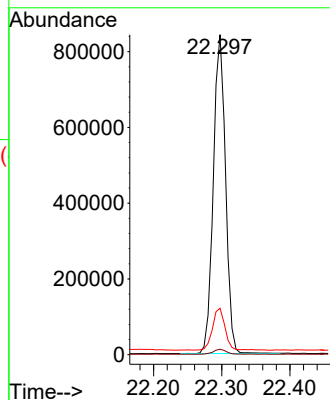
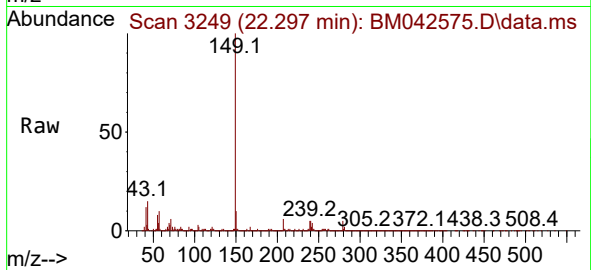
Tgt Ion:149 Resp: 1051805

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 13.3 10.2 15.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.933 min Scan# 3527

Delta R.T. 0.017 min

Lab File: BM042575.D

Acq: 03 Nov 2023 17:59

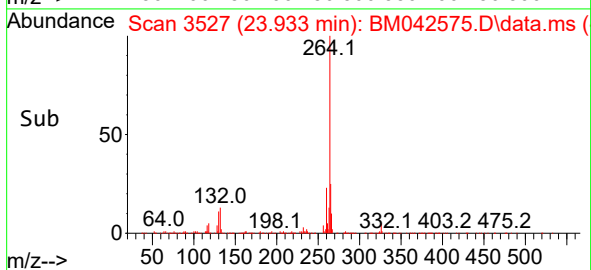
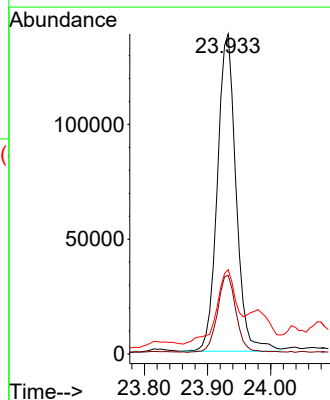
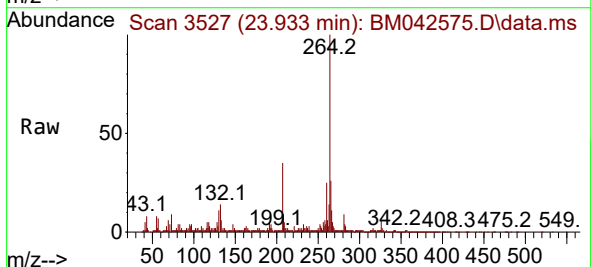
Tgt Ion:264 Resp: 284450

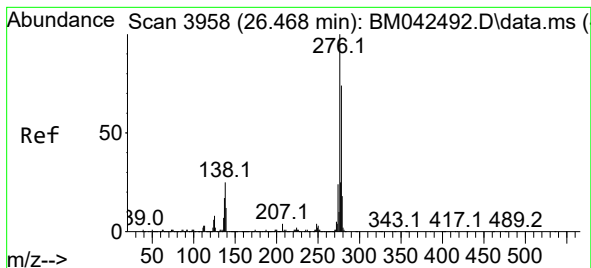
Ion Ratio Lower Upper

264 100

260 24.6 19.0 28.4

265 26.4 18.7 28.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 100.869 ng

RT: 26.485 min Scan# 3431

Delta R.T. 0.035 min

Lab File: BM042575.D

Acq: 03 Nov 2023 17:59

Instrument :

BNA_M

ClientSampleId :

Z-7(0-5)MSD

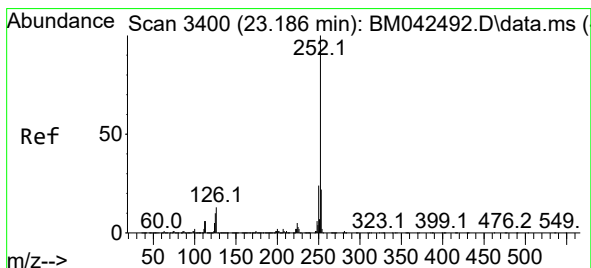
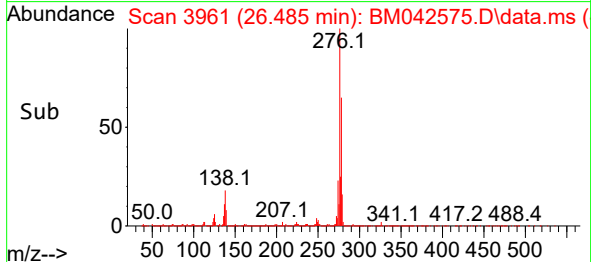
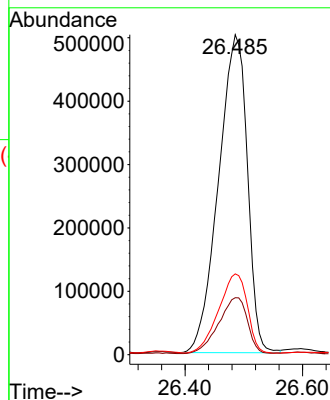
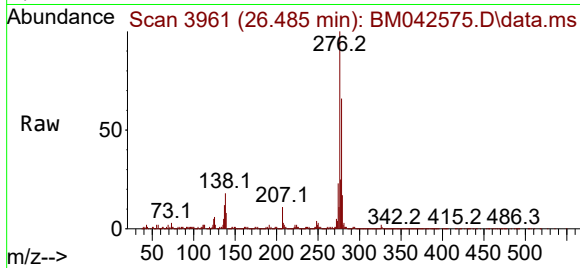
Tgt Ion:276 Resp: 1707691

Ion Ratio Lower Upper

276 100

138 17.6 20.6 31.0#

277 24.7 19.5 29.3



#88

Benzo(b)fluoranthene

Concen: 16.443 ng

RT: 23.368 min Scan# 3431

Delta R.T. 0.194 min

Lab File: BM042575.D

Acq: 03 Nov 2023 17:59

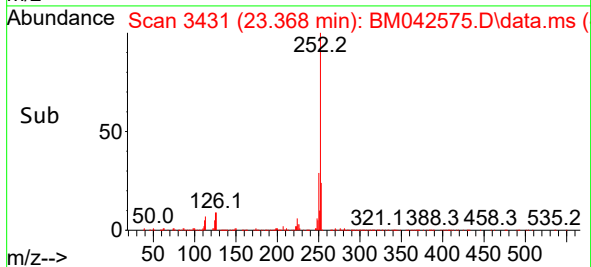
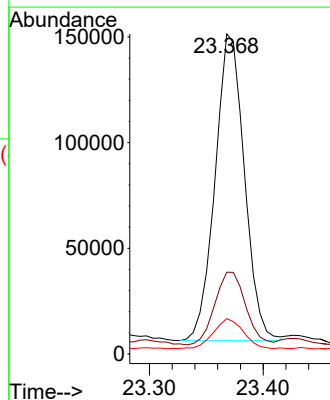
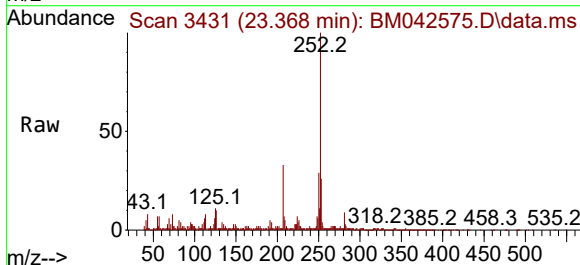
Tgt Ion:252 Resp: 260572

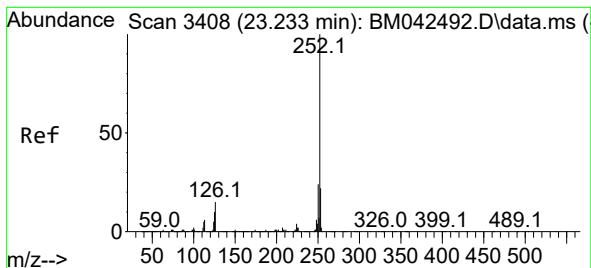
Ion Ratio Lower Upper

252 100

253 25.6 17.5 26.3

125 11.1 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 14.756 ng

RT: 23.368 min Scan# 34

Delta R.T. 0.147 min

Lab File: BM042575.D

Acq: 03 Nov 2023 17:59

Instrument :

BNA_M

ClientSampleId :

Z-7(0-5)MSD

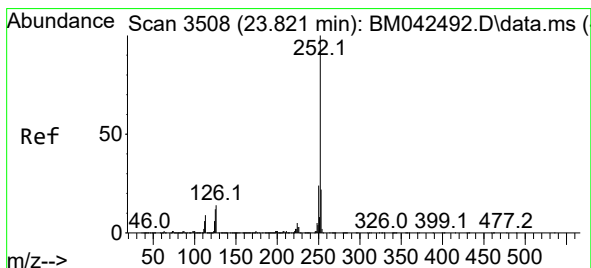
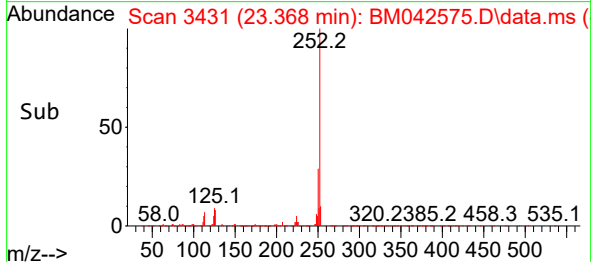
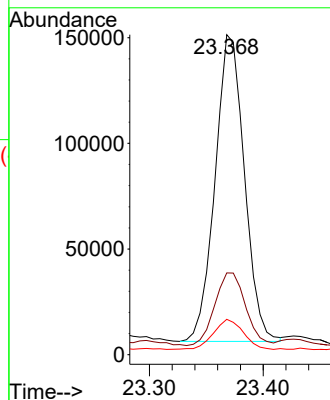
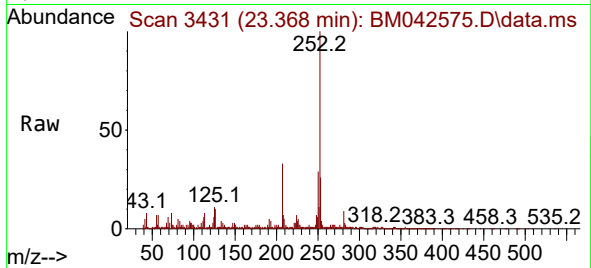
Tgt Ion:252 Resp: 260572

Ion Ratio Lower Upper

252 100

253 25.6 17.6 26.4

125 11.1 8.2 12.4



#90

Benzo(a)pyrene

Concen: 44.972 ng

RT: 23.715 min Scan# 3490

Delta R.T. -0.094 min

Lab File: BM042575.D

Acq: 03 Nov 2023 17:59

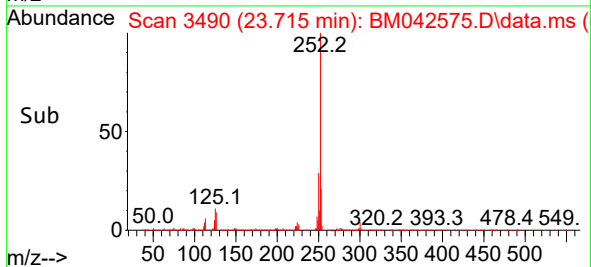
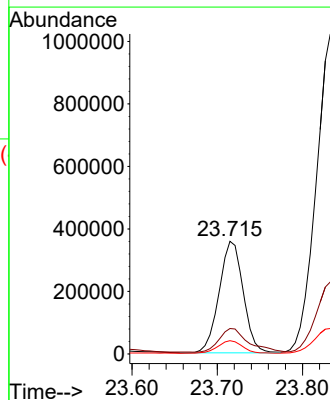
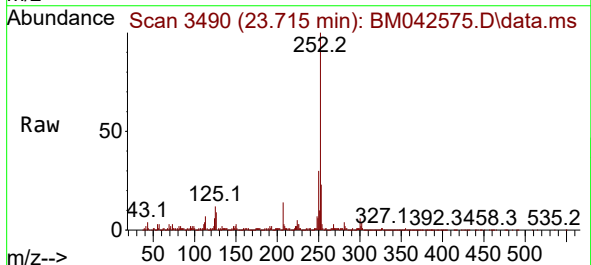
Tgt Ion:252 Resp: 701655

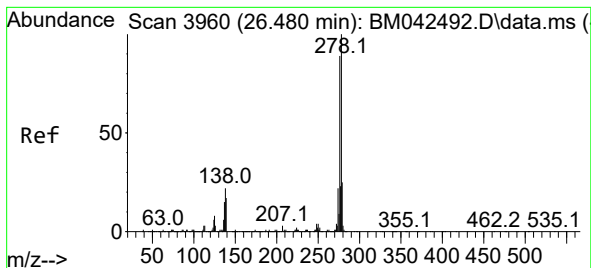
Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

125 11.8 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 64.563 ng

RT: 26.497 min Scan# 3963

Delta R.T. 0.029 min

Lab File: BM042575.D

Acq: 03 Nov 2023 17:59

Instrument :

BNA_M

ClientSampleId :

Z-7(0-5)MSD

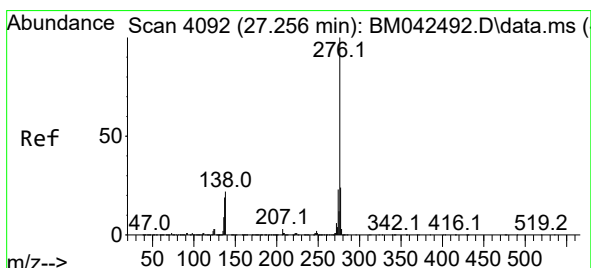
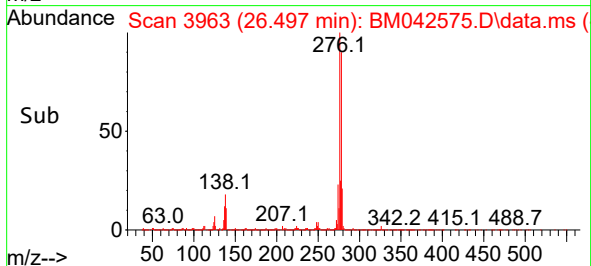
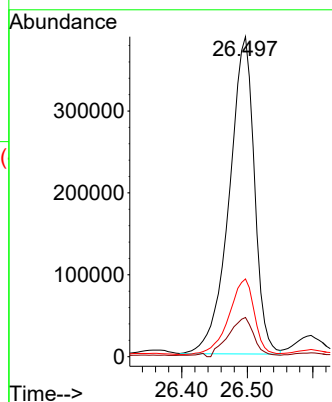
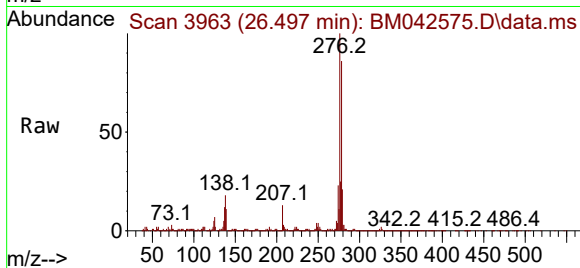
Tgt Ion:278 Resp: 1033487

Ion Ratio Lower Upper

278 100

139 12.2 13.4 20.2#

279 24.3 19.7 29.5



#92

Benzo(g,h,i)perylene

Concen: 97.612 ng

RT: 27.285 min Scan# 4097

Delta R.T. 0.041 min

Lab File: BM042575.D

Acq: 03 Nov 2023 17:59

Tgt Ion:276 Resp: 1456481

Ion Ratio Lower Upper

276 100

277 24.8 19.2 28.8

138 16.6 17.3 25.9#

