

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060923\
 Data File : BM040197.D
 Acq On : 09 Jun 2023 18:32
 Operator : MA/JU
 Sample : 03039-02MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB30BMS

Quant Time: Jun 10 04:43:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 08 23:25:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	315760	20.000	ng	0.00
21) Naphthalene-d8	10.804	136	1477776	20.000	ng	0.00
39) Acenaphthene-d10	14.627	164	936274	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	2059837	20.000	ng	0.00
76) Chrysene-d12	21.545	240	2140484	20.000	ng	0.00
86) Perylene-d12	23.980	264	2140716	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	2179807	103.078	ng	0.00
7) Phenol-d6	7.145	99	2855933	98.972	ng	0.00
23) Nitrobenzene-d5	9.157	82	1558333	57.076	ng	0.00
42) 2,4,6-Tribromophenol	16.115	330	1467560	104.180	ng	0.00
45) 2-Fluorobiphenyl	13.251	172	3858357	54.467	ng	0.00
79) Terphenyl-d14	19.986	244	7112056	61.250	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.393	88	282726	33.667	ng	97
3) Pyridine	3.805	79	786346	32.646	ng	98
4) n-Nitrosodimethylamine	3.710	42	362834	37.154	ng	96
6) Aniline	7.310	93	1241292	35.543	ng	97
8) 2-Chlorophenol	7.545	128	1083577	48.462	ng	97
9) Benzaldehyde	7.122	77	496604	32.318	ng	95
10) Phenol	7.175	94	1381496	48.679	ng	97
11) bis(2-Chloroethyl)ether	7.404	93	948458	41.470	ng	97
12) 1,3-Dichlorobenzene	7.875	146	1018492	45.311	ng	98
13) 1,4-Dichlorobenzene	8.022	146	1036670	45.136	ng	99
14) 1,2-Dichlorobenzene	8.340	146	1014748	44.894	ng	99
15) Benzyl Alcohol	8.228	79	877085	46.057	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.522	45	1188781	40.772	ng	99
17) 2-Methylphenol	8.434	107	910795	45.042	ng	99
18) Hexachloroethane	9.075	117	369551	44.937	ng	95
19) n-Nitroso-di-n-propyla...	8.798	70	719239	41.025	ng	98
20) 3+4-Methylphenols	8.763	107	1258448	45.587	ng	98
22) Acetophenone	8.816	105	1562977	40.500	ng	# 97
24) Nitrobenzene	9.198	77	1071539	38.130	ng	95
25) Isophorone	9.728	82	2091907	40.574	ng	97
26) 2-Nitrophenol	9.910	139	561268	48.065	ng	95
27) 2,4-Dimethylphenol	9.969	122	1034223	45.268	ng	97
28) bis(2-Chloroethoxy)met...	10.210	93	1338657	40.219	ng	99
29) 2,4-Dichlorophenol	10.445	162	1044403	49.839	ng	98
30) 1,2,4-Trichlorobenzene	10.663	180	956150	45.044	ng	99
31) Naphthalene	10.851	128	3251454	40.849	ng	99
32) Benzoic acid	10.110	122	860939	48.871	ng	95
33) 4-Chloroaniline	10.963	127	925712	26.113	ng	97
34) Hexachlorobutadiene	11.139	225	500016	44.907	ng	97
35) Caprolactam	11.751	113	367231	51.030	ng	90
36) 4-Chloro-3-methylphenol	12.080	107	1133096	46.563	ng	95
37) 2-Methylnaphthalene	12.457	142	2309531	41.960	ng	99
38) 1-Methylnaphthalene	12.675	142	2174253	41.888	ng	99
40) 1,2,4,5-Tetrachloroben...	12.822	216	1088040	43.834	ng	98
41) Hexachlorocyclopentadiene	12.804	237	1094369	84.552	ng	98
43) 2,4,6-Trichlorophenol	13.063	196	805291	47.300	ng	100

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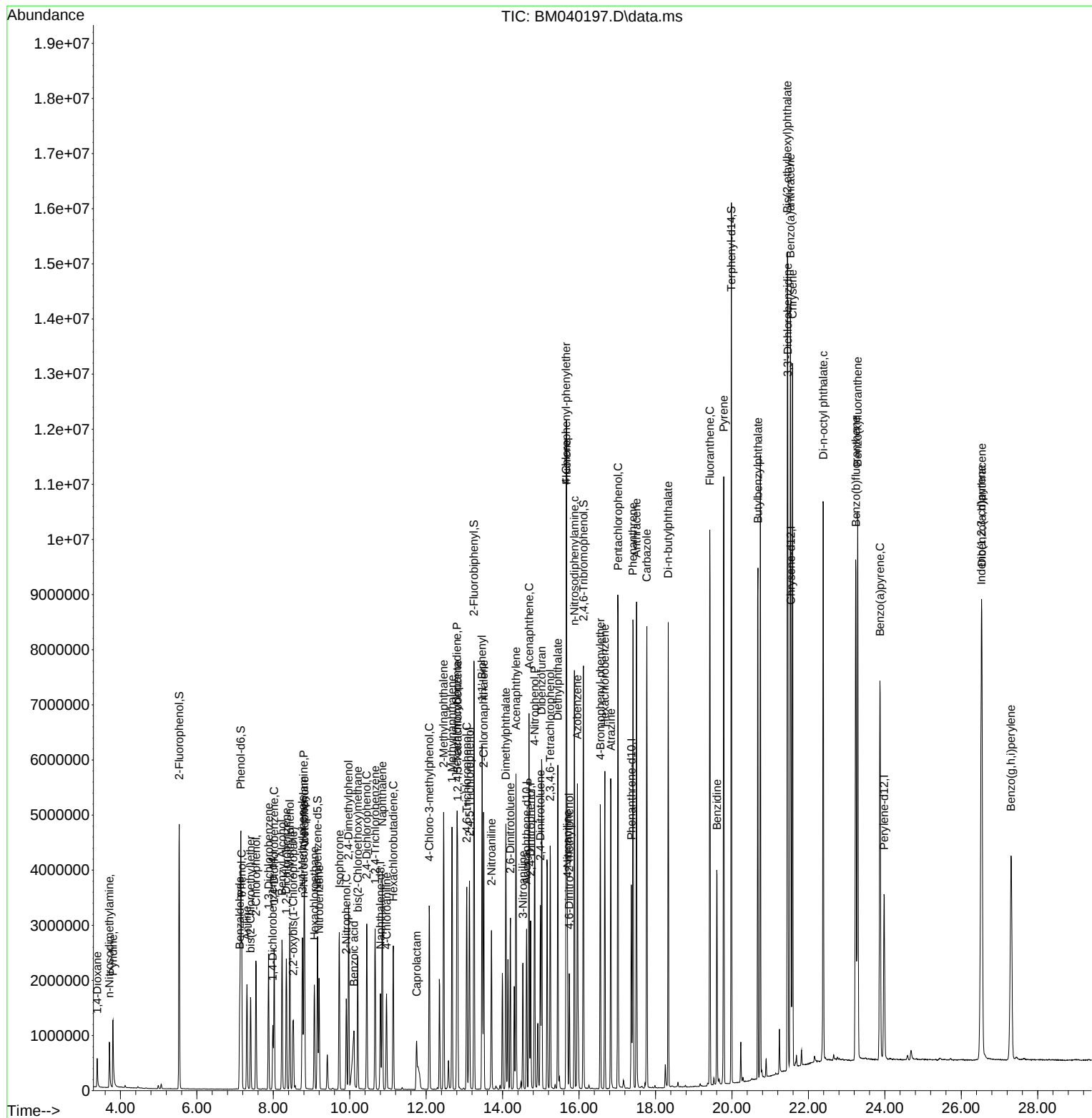
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.133	196	900614	43.823	ng	95
46) 1,1'-Biphenyl	13.463	154	3121735	41.582	ng	99
47) 2-Chloronaphthalene	13.504	162	2395763	42.957	ng	98
48) 2-Nitroaniline	13.710	65	705147	42.168	ng	90
49) Acenaphthylene	14.351	152	3886277	42.028	ng	100
50) Dimethylphthalate	14.086	163	3029533	41.486	ng	99
51) 2,6-Dinitrotoluene	14.204	165	650279	44.431	ng	89
52) Acenaphthene	14.692	154	2369516	41.546	ng	99
53) 3-Nitroaniline	14.533	138	622821	34.109	ng	91
54) 2,4-Dinitrophenol	14.733	184	598727	65.800	ng	# 87
55) Dibenzofuran	15.021	168	3838550	43.025	ng	98
56) 4-Nitrophenol	14.839	139	1488766	100.665	ng	91
57) 2,4-Dinitrotoluene	14.986	165	940948	48.174	ng	88
58) Fluorene	15.674	166	3249778	43.517	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.245	232	805104	50.103	ng	93
60) Diethylphthalate	15.445	149	3249916	43.863	ng	98
61) 4-Chlorophenyl-phenyle...	15.663	204	1556846	44.601	ng	99
62) 4-Nitroaniline	15.698	138	838090	43.086	ng	95
63) Azobenzene	15.957	77	3209310	44.550	ng	95
65) 4,6-Dinitro-2-methylph...	15.745	198	410068	35.492	ng	95
66) n-Nitrosodiphenylamine	15.880	169	2759879	40.907	ng	98
67) 4-Bromophenyl-phenylether	16.557	248	887920	42.920	ng	98
68) Hexachlorobenzene	16.674	284	1104221	46.539	ng	93
69) Atrazine	16.833	200	946912	51.356	ng	96
70) Pentachlorophenol	17.021	266	1529782	87.833	ng	99
71) Phenanthrene	17.410	178	4998317	41.646	ng	99
72) Anthracene	17.504	178	5063478	42.289	ng	99
73) Carbazole	17.774	167	4937766	43.235	ng	99
74) Di-n-butylphthalate	18.333	149	5866077	45.798	ng	99
75) Fluoranthene	19.421	202	5642467	44.302	ng	99
77) Benzidine	19.609	184	2089206	51.971	ng	99
78) Pyrene	19.786	202	6104970	42.772	ng	100
80) Butylbenzylphthalate	20.680	149	2780797	48.202	ng	# 90
81) Benzo(a)anthracene	21.533	228	6467717	44.310	ng	99
82) 3,3'-Dichlorobenzidine	21.462	252	2405650	49.590	ng	99
83) Chrysene	21.586	228	5828361	42.151	ng	99
84) Bis(2-ethylhexyl)phtha...	21.450	149	4271492	50.137	ng	97
85) Di-n-octyl phthalate	22.392	149	7415247	53.598	ng	97
87) Indeno(1,2,3-cd)pyrene	26.527	276	6310321	39.314	ng	98
88) Benzo(b)fluoranthene	23.244	252	6216520	47.948	ng	99
89) Benzo(k)fluoranthene	23.291	252	6423687	47.406	ng	98
90) Benzo(a)pyrene	23.874	252	5169313	41.750	ng	99
91) Dibenzo(a,h)anthracene	26.538	278	5423342	39.140	ng	99
92) Benzo(g,h,i)perylene	27.303	276	4508275	37.876	ng	98

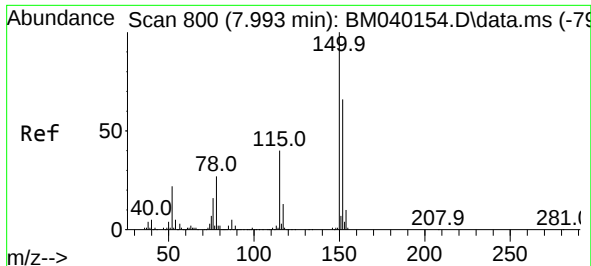
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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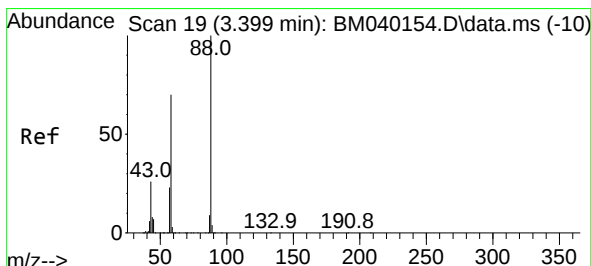
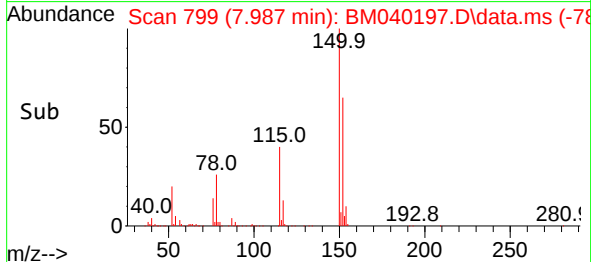
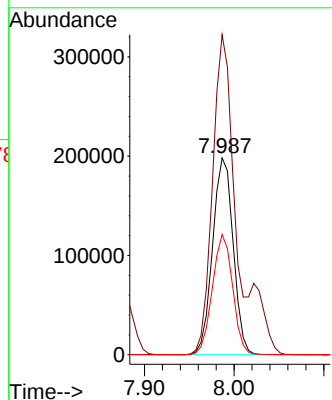
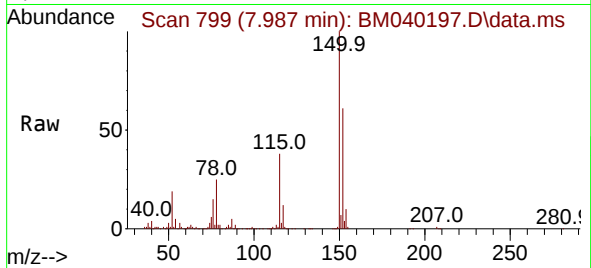




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.987 min Scan# 79
Delta R.T. -0.006 min
Lab File: BM040197.D
Acq: 09 Jun 2023 18:32

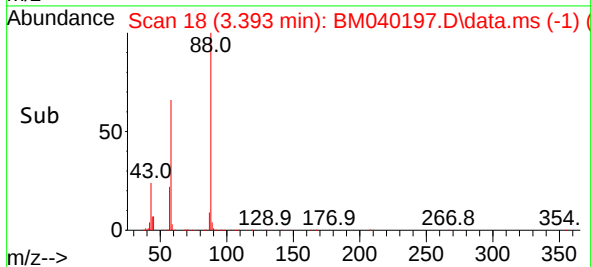
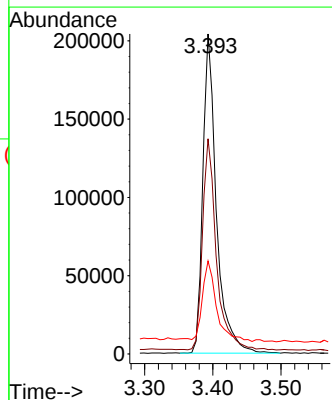
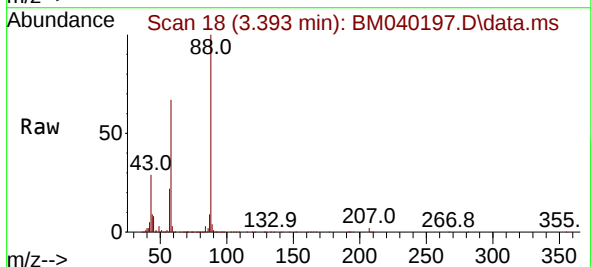
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BNA_M
ClientSampleId :
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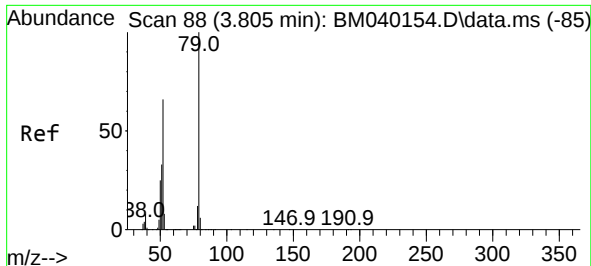
Tgt Ion:152 Resp: 315760
Ion Ratio Lower Upper
152 100
150 162.6 121.4 182.0
115 61.0 48.2 72.4



#2
1,4-Dioxane
Concen: 33.667 ng
RT: 3.393 min Scan# 18
Delta R.T. -0.006 min
Lab File: BM040197.D
Acq: 09 Jun 2023 18:32

Tgt Ion: 88 Resp: 282726
Ion Ratio Lower Upper
88 100
58 67.8 56.4 84.6
43 25.9 21.2 31.8

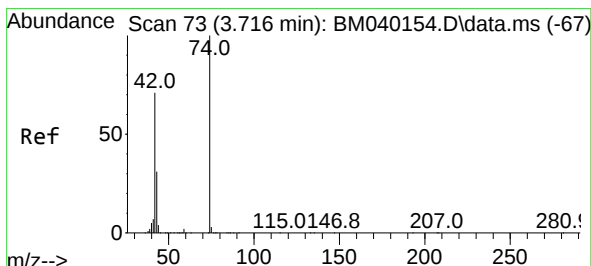
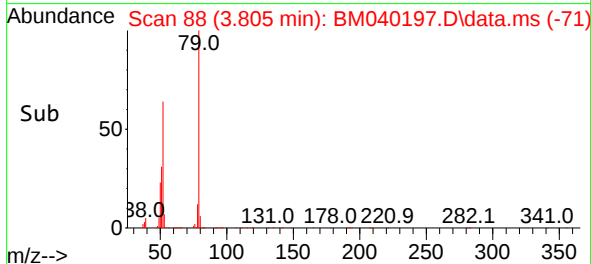
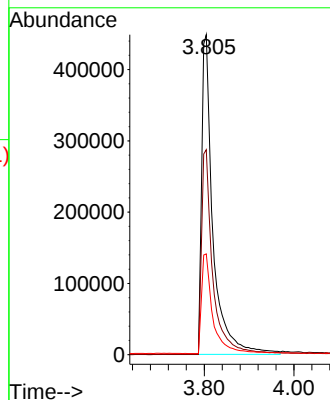
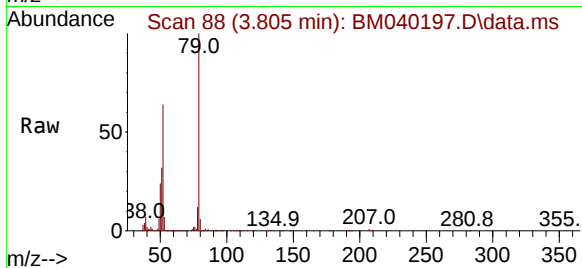




#3
 Pyridine
 Concen: 32.646 ng
 RT: 3.805 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BM040197.D
 Acq: 09 Jun 2023 18:32

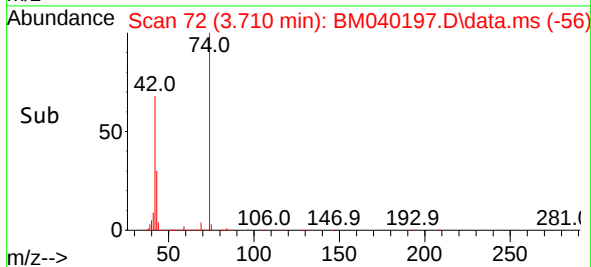
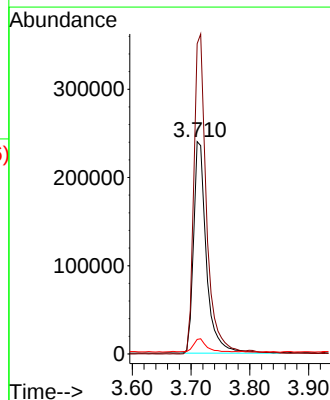
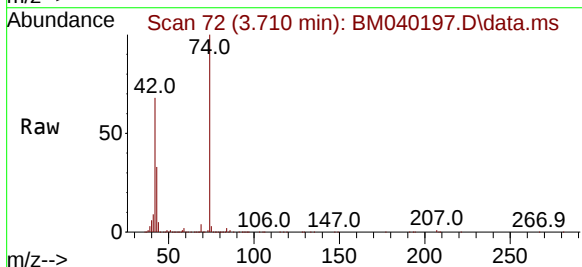
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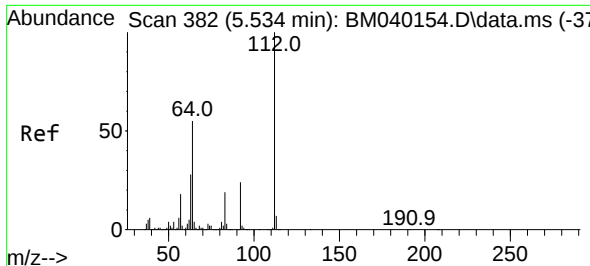
Tgt Ion: 79 Resp: 786346
 Ion Ratio Lower Upper
 79 100
 52 64.0 52.8 79.2
 51 31.5 26.2 39.4



#4
 n-Nitrosodimethylamine
 Concen: 37.154 ng
 RT: 3.710 min Scan# 72
 Delta R.T. -0.006 min
 Lab File: BM040197.D
 Acq: 09 Jun 2023 18:32

Tgt Ion: 42 Resp: 362834
 Ion Ratio Lower Upper
 42 100
 74 146.2 113.0 169.4
 44 6.9 5.8 8.6

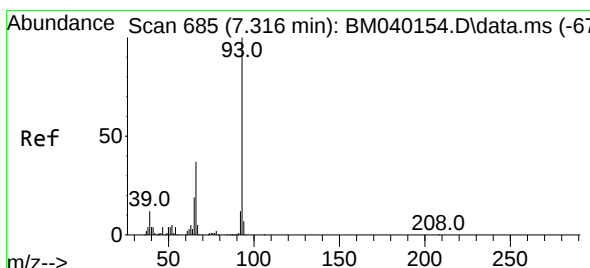
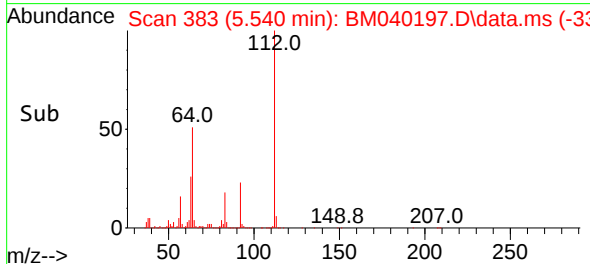
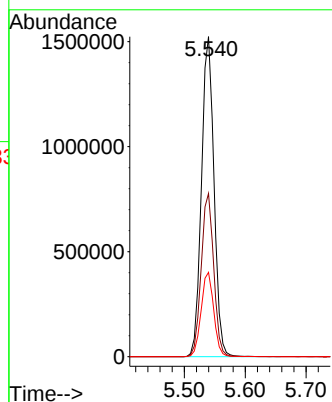
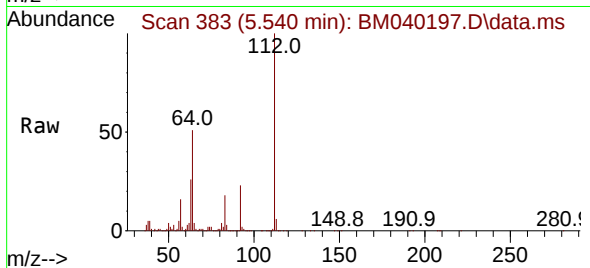




#5
2-Fluorophenol
Concen: 103.078 ng
RT: 5.540 min Scan# 382
Delta R.T. 0.006 min
Lab File: BM040197.D
Acq: 09 Jun 2023 18:32

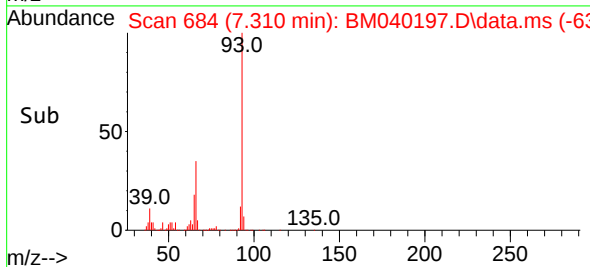
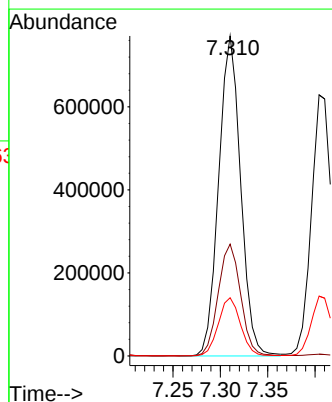
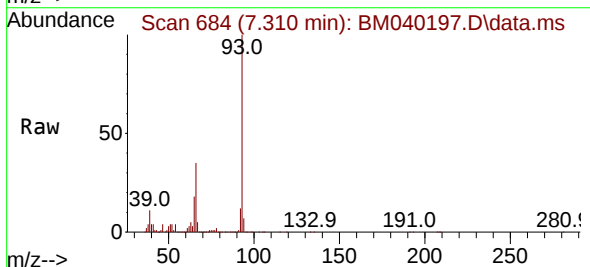
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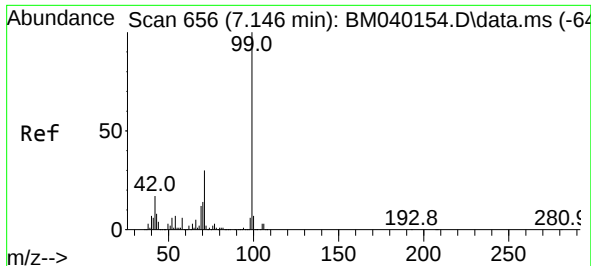
Tgt Ion:112 Resp: 2179807
Ion Ratio Lower Upper
112 100
64 51.0 43.8 65.6
63 26.3 22.8 34.2



#6
Aniline
Concen: 35.543 ng
RT: 7.310 min Scan# 684
Delta R.T. -0.006 min
Lab File: BM040197.D
Acq: 09 Jun 2023 18:32

Tgt Ion: 93 Resp: 1241292
Ion Ratio Lower Upper
93 100
66 34.9 29.4 44.0
65 18.2 15.3 22.9



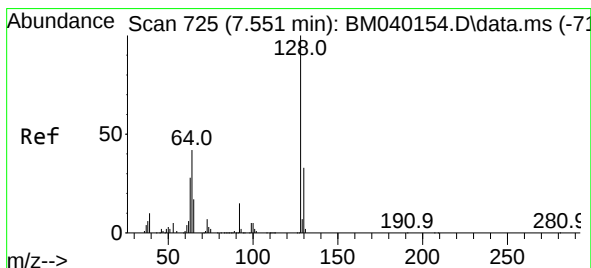
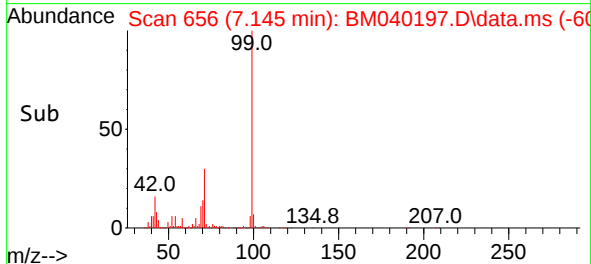
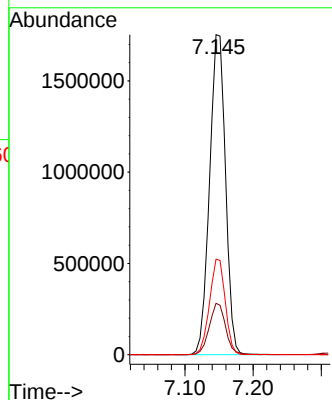
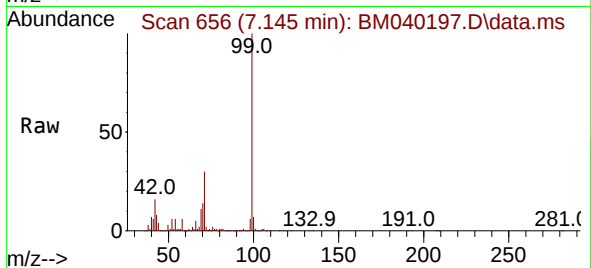


#7
Phenol-d6
Concen: 98.972 ng
RT: 7.145 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM040197.D
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Tgt Ion: 99 Resp: 2855933

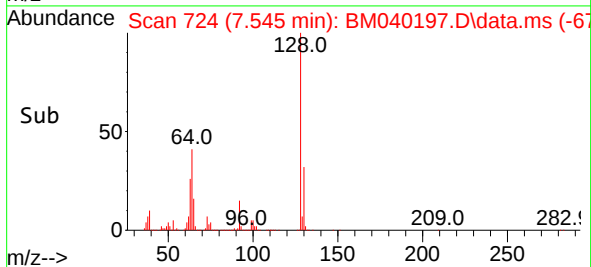
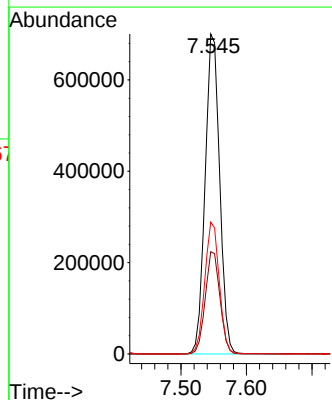
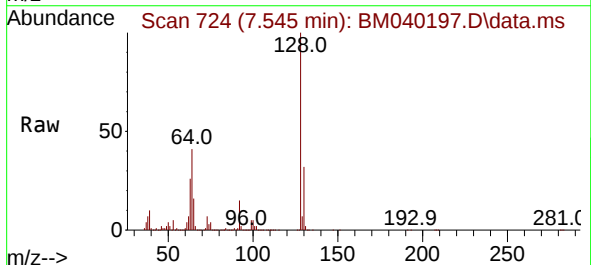
Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.4	20.2
71	29.8	24.3	36.5

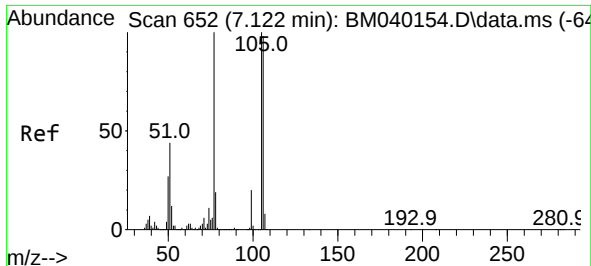


#8
2-Chlorophenol
Concen: 48.462 ng
RT: 7.545 min Scan# 724
Delta R.T. -0.006 min
Lab File: BM040197.D
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Tgt Ion:128 Resp: 1083577

Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.6	52.6
64	41.2	23.8	63.8

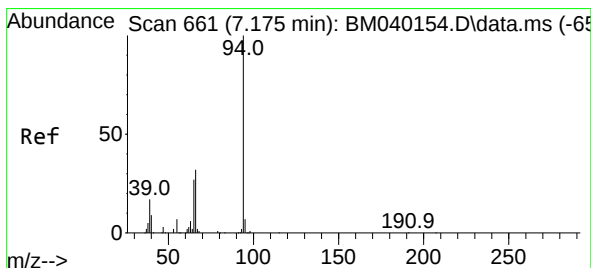
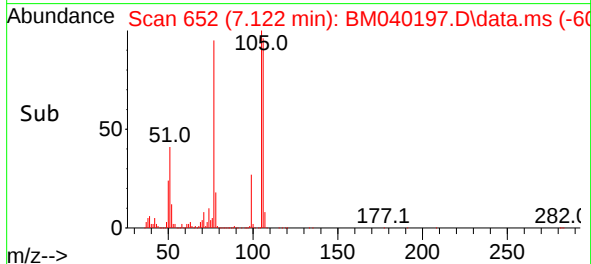
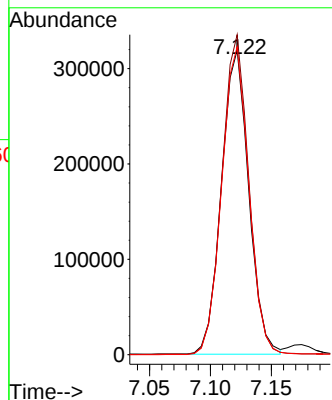
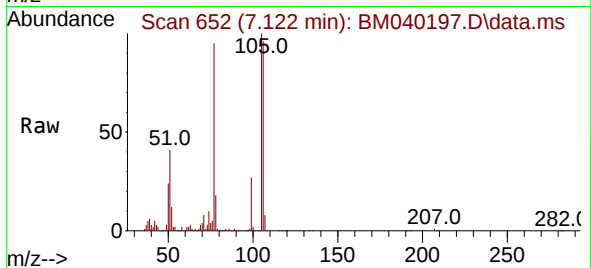




#9
Benzaldehyde
Concen: 32.318 ng
RT: 7.122 min Scan# 611
Delta R.T. -0.000 min
Lab File: BM040197.D
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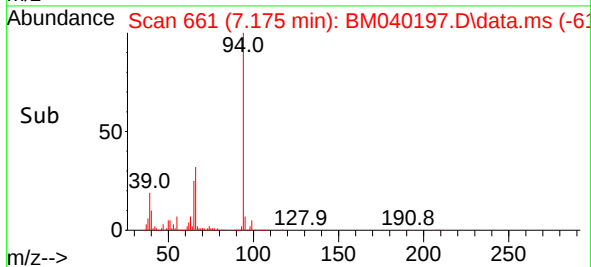
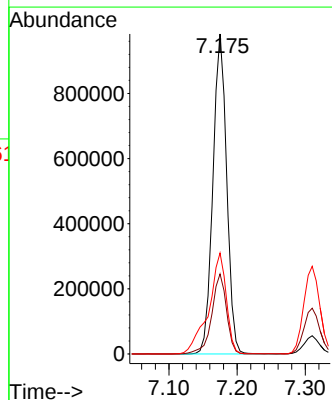
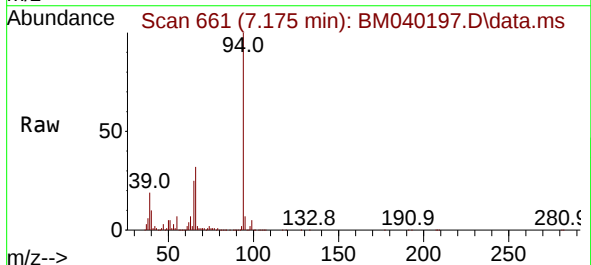
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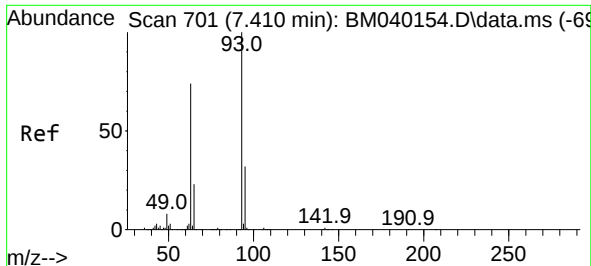
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Ion Ratio Lower Upper
77 100
105 105.0 79.8 119.8
106 101.1 77.4 117.4



#10
Phenol
Concen: 48.679 ng
RT: 7.175 min Scan# 661
Delta R.T. -0.000 min
Lab File: BM040197.D
Acq: 09 Jun 2023 18:32

Tgt Ion: 94 Resp: 1381496
Ion Ratio Lower Upper
94 100
65 25.0 6.9 46.9
66 31.6 12.5 52.5

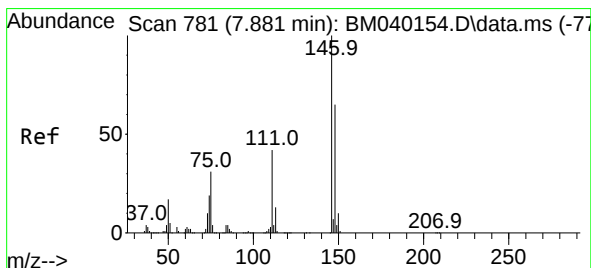
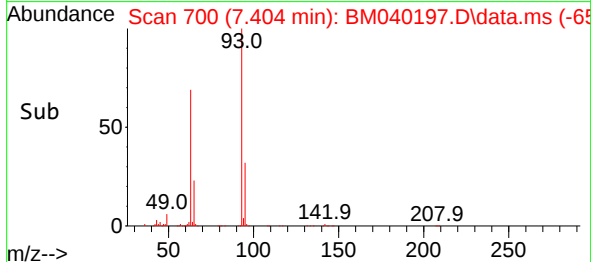
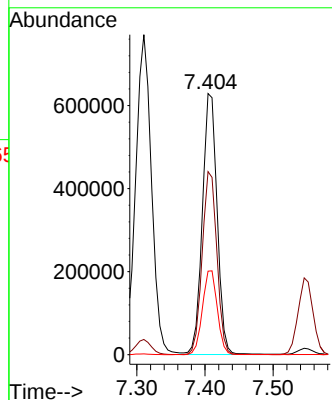
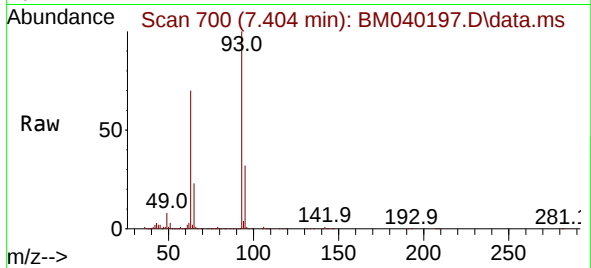




#11
bis(2-Chloroethyl)ether
Concen: 41.470 ng
RT: 7.404 min Scan# 701
Delta R.T. -0.006 min
Lab File: BM040197.D
Acq: 09 Jun 2023 18:32

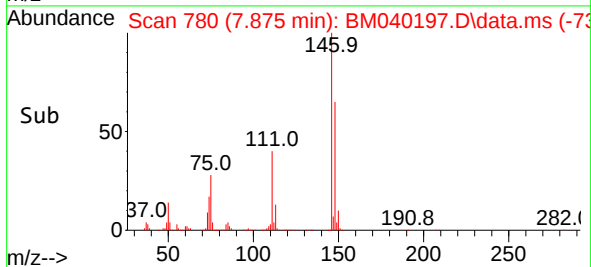
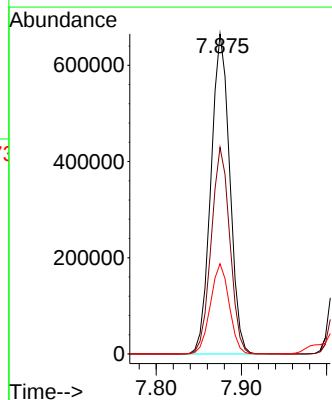
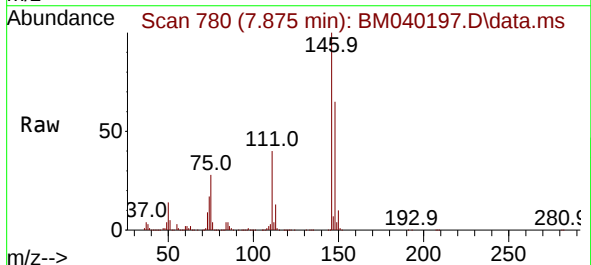
Instrument :
BNA_M
ClientSampleId :
SB30BMS

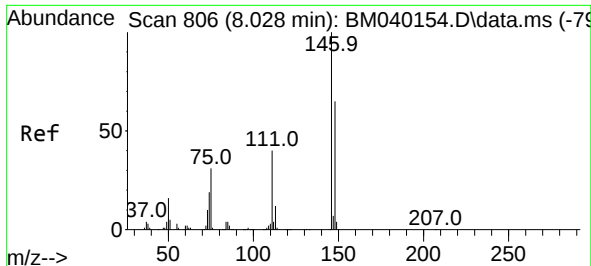
Tgt Ion: 93 Resp: 948458
Ion Ratio Lower Upper
93 100
63 70.1 53.6 93.6
95 32.0 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 45.311 ng
RT: 7.875 min Scan# 780
Delta R.T. -0.006 min
Lab File: BM040197.D
Acq: 09 Jun 2023 18:32

Tgt Ion:146 Resp: 1018492
Ion Ratio Lower Upper
146 100
148 64.6 51.9 77.9
75 28.2 24.8 37.2

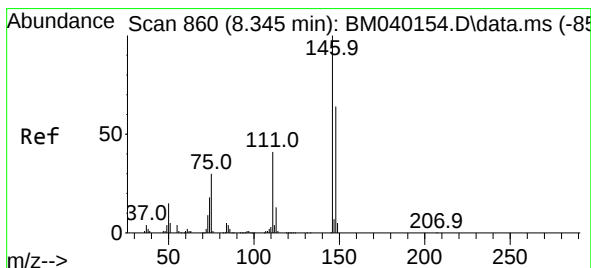
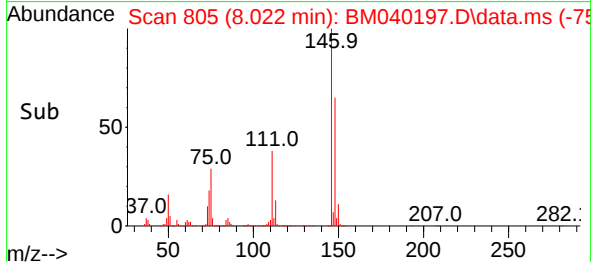
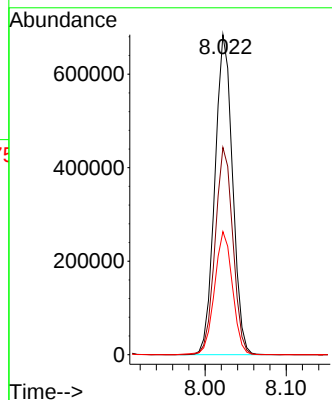
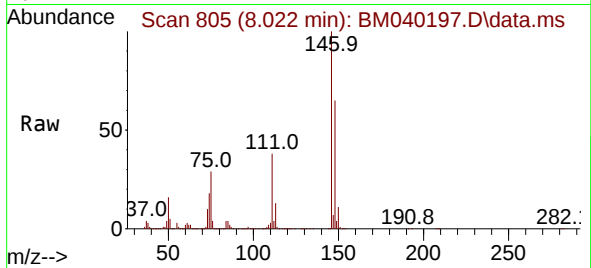




#13
1,4-Dichlorobenzene
Concen: 45.136 ng
RT: 8.022 min Scan# 806
Delta R.T. -0.006 min
Lab File: BM040197.D
Acq: 09 Jun 2023 18:32

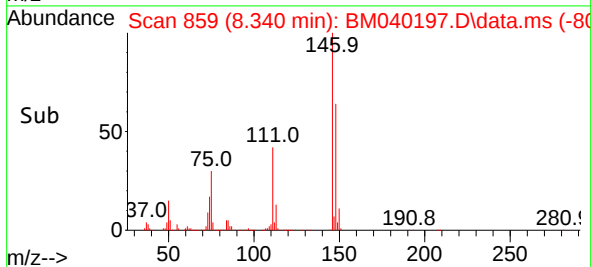
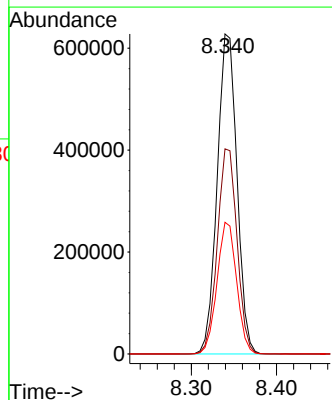
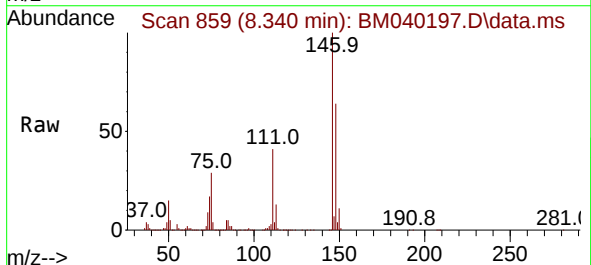
Instrument :
BNA_M
ClientSampleId :
SB30BMS

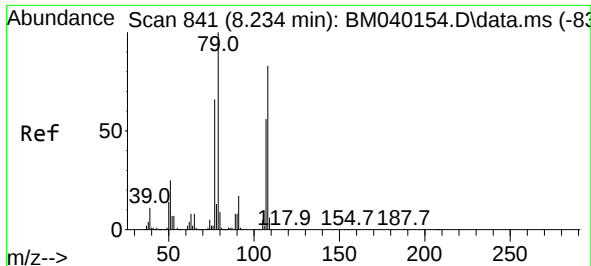
Tgt Ion:146 Resp: 1036670
Ion Ratio Lower Upper
146 100
148 64.8 52.1 78.1
111 38.5 31.9 47.9



#14
1,2-Dichlorobenzene
Concen: 44.894 ng
RT: 8.340 min Scan# 859
Delta R.T. -0.006 min
Lab File: BM040197.D
Acq: 09 Jun 2023 18:32

Tgt Ion:146 Resp: 1014748
Ion Ratio Lower Upper
146 100
148 64.1 50.9 76.3
111 41.2 33.4 50.0

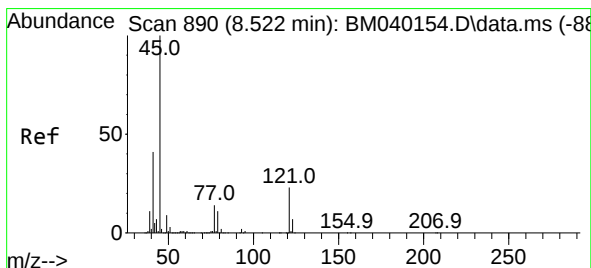
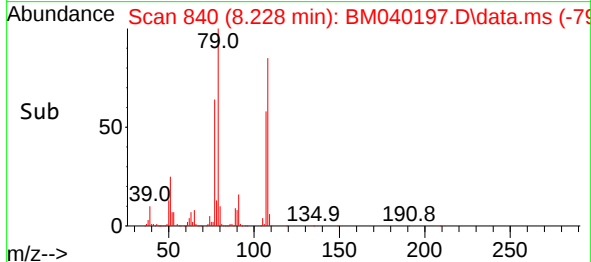
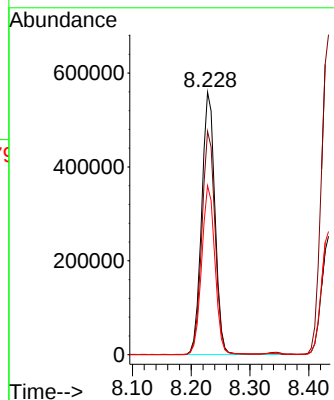
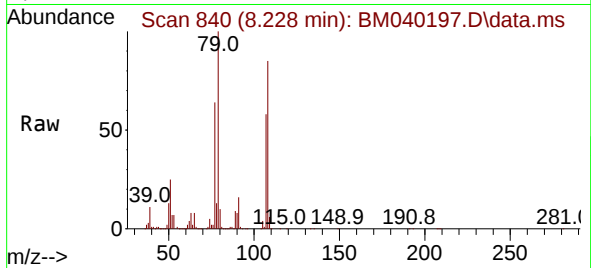




#15
Benzyl Alcohol
Concen: 46.057 ng
RT: 8.228 min Scan# 841
Delta R.T. -0.006 min
Lab File: BM040197.D
Acq: 09 Jun 2023 18:32

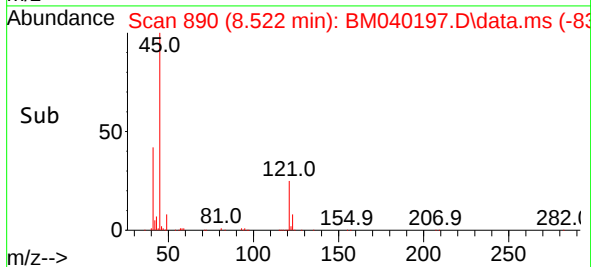
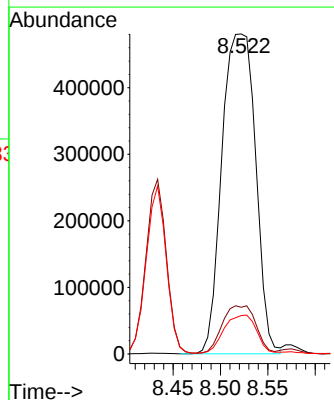
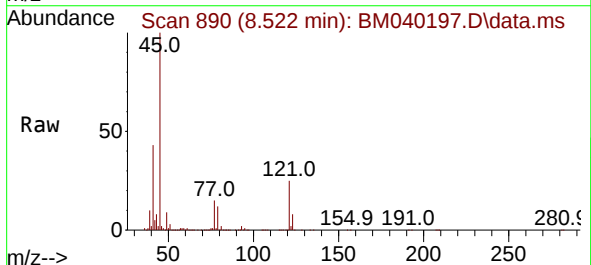
Instrument :
BNA_M
ClientSampleId :
SB30BMS

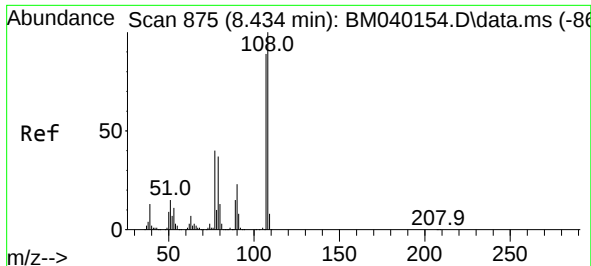
Tgt Ion: 79 Resp: 877085
Ion Ratio Lower Upper
79 100
108 85.1 66.4 99.6
77 64.4 52.6 78.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.772 ng
RT: 8.522 min Scan# 890
Delta R.T. -0.000 min
Lab File: BM040197.D
Acq: 09 Jun 2023 18:32

Tgt Ion: 45 Resp: 1188781
Ion Ratio Lower Upper
45 100
77 14.6 0.0 34.3
79 12.0 0.0 31.2

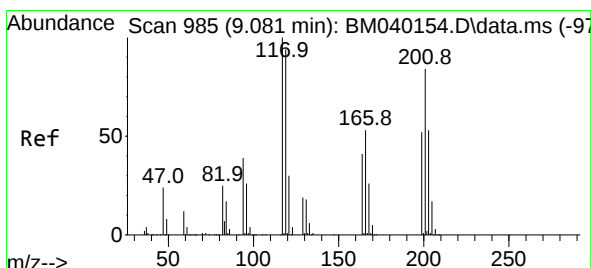
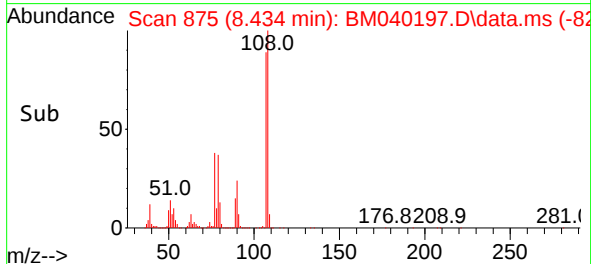
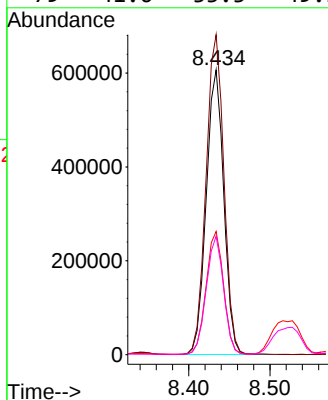
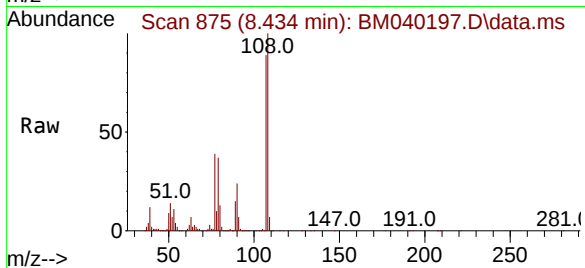




#17
2-Methylphenol
Concen: 45.042 ng
RT: 8.434 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM040197.D
Acq: 09 Jun 2023 18:32

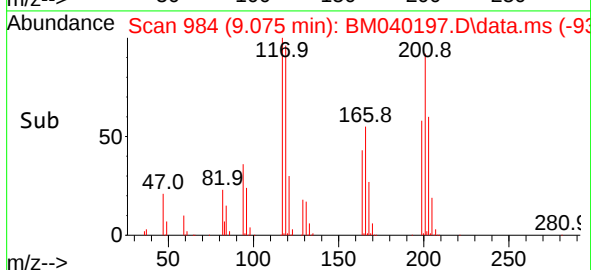
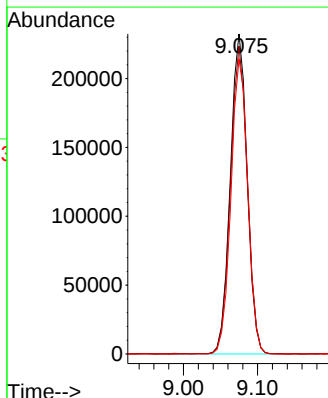
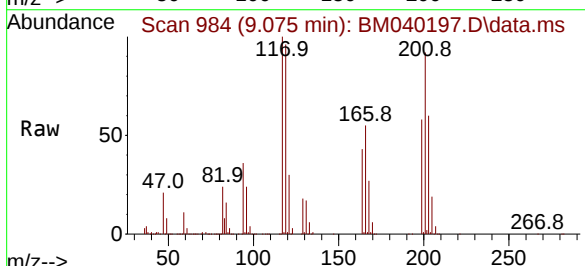
Instrument :
BNA_M
ClientSampleId :
SB30BMS

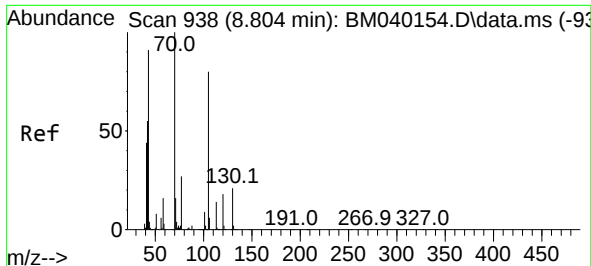
Tgt Ion:	107	Resp:	910795
Ion	Ratio	Lower	Upper
107	100		
108	112.3	90.1	135.1
77	43.3	35.8	53.8
79	41.6	33.3	49.9



#18
Hexachloroethane
Concen: 44.937 ng
RT: 9.075 min Scan# 984
Delta R.T. -0.006 min
Lab File: BM040197.D
Acq: 09 Jun 2023 18:32

Tgt Ion:	117	Resp:	369551
Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.6	113.4
201	92.1	66.9	100.3





#19

n-Nitroso-di-n-propylamine

Concen: 41.025 ng

RT: 8.798 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM040197.D

Acq: 09 Jun 2023 18:32

Instrument :

BNA_M

ClientSampleId :

SB30BMS

Tgt Ion: 70 Resp: 719239

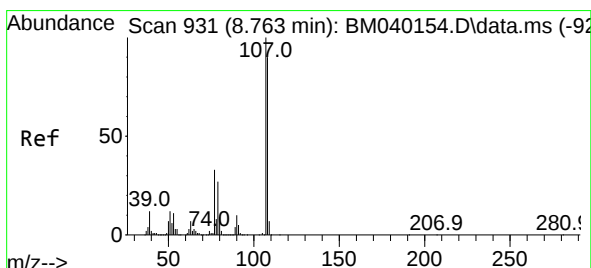
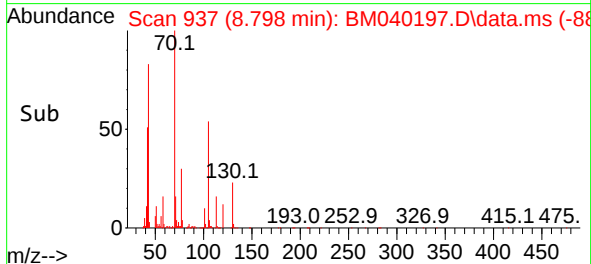
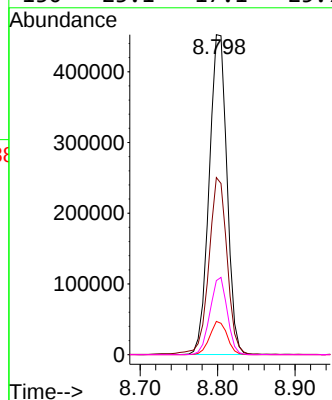
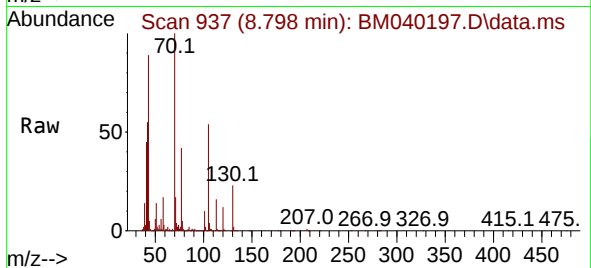
Ion Ratio Lower Upper

70 100

42 55.4 44.8 67.2

101 10.4 7.5 11.3

130 23.1 17.1 25.7



#20

3+4-Methylphenols

Concen: 45.587 ng

RT: 8.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: BM040197.D

Acq: 09 Jun 2023 18:32

Tgt Ion: 107 Resp: 1258448

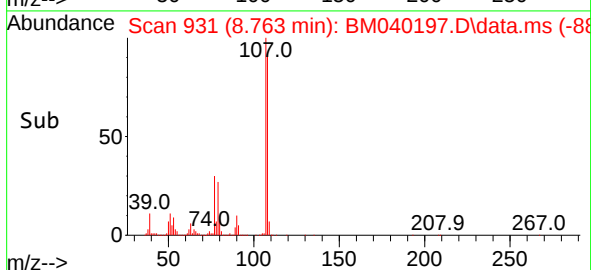
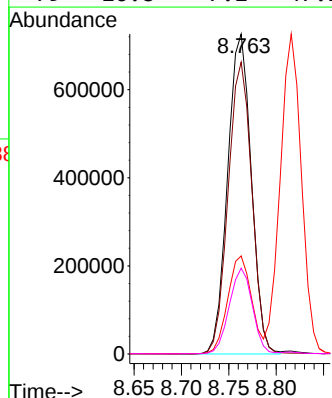
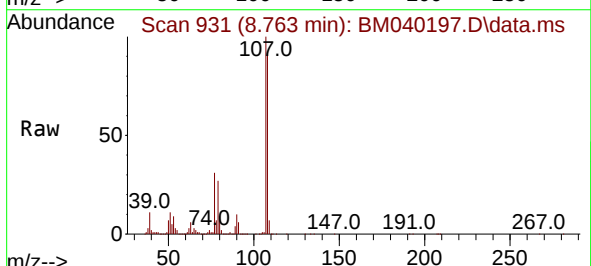
Ion Ratio Lower Upper

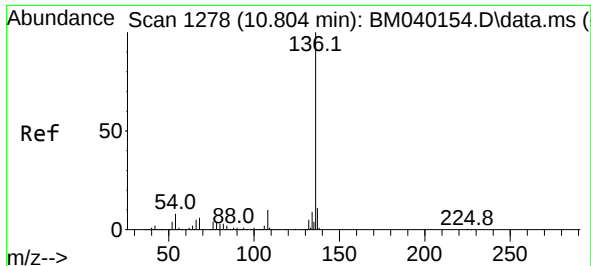
107 100

108 91.2 69.8 109.8

77 30.6 13.0 53.0

79 26.8 7.2 47.2

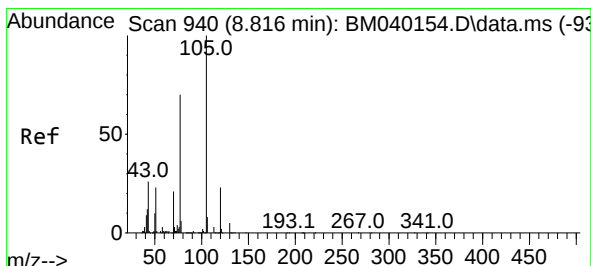
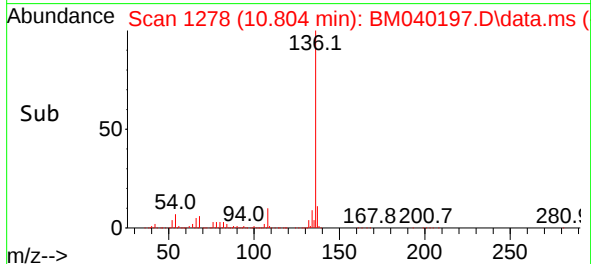
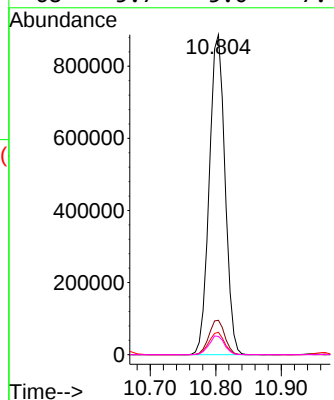
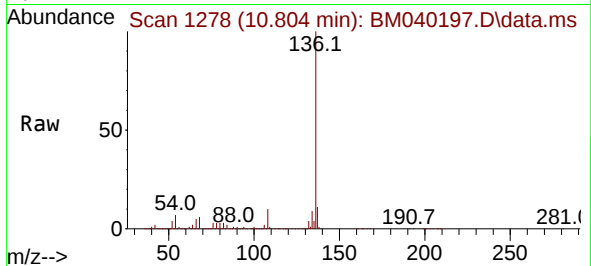




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.804 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BM040197.D
Acq: 09 Jun 2023 18:32

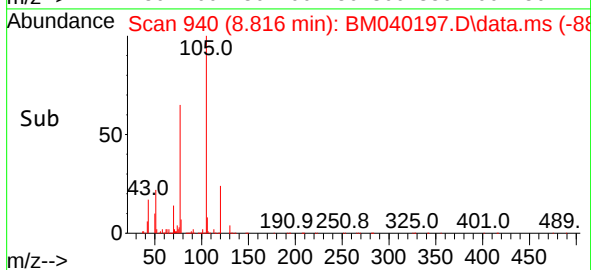
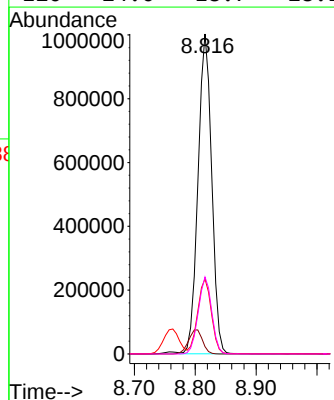
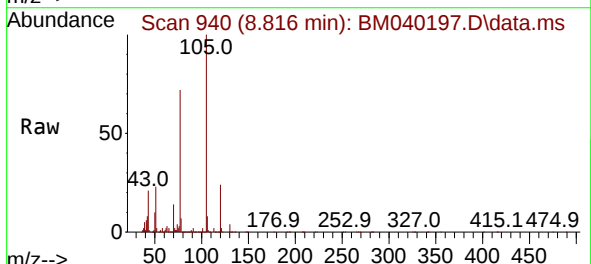
Instrument :
BNA_M
ClientSampleId :
SB30BMS

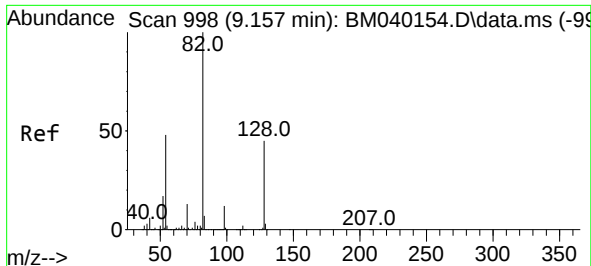
Tgt Ion:136 Resp: 1477776
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.0 6.2 9.4
68 5.7 5.0 7.4



#22
Acetophenone
Concen: 40.500 ng
RT: 8.816 min Scan# 940
Delta R.T. -0.000 min
Lab File: BM040197.D
Acq: 09 Jun 2023 18:32

Tgt Ion:105 Resp: 1562977
Ion Ratio Lower Upper
105 100
71 2.3 3.0 4.6#
51 23.4 20.6 31.0
120 24.0 18.7 28.1

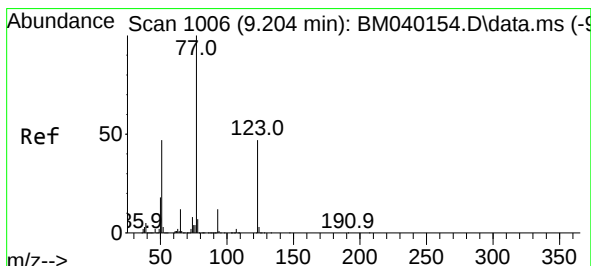
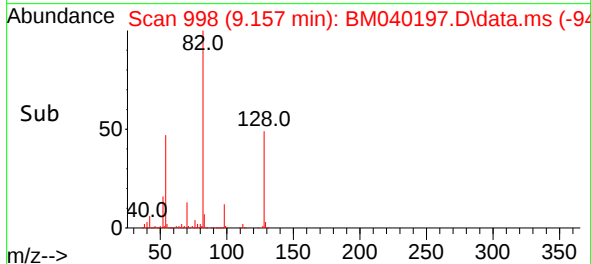
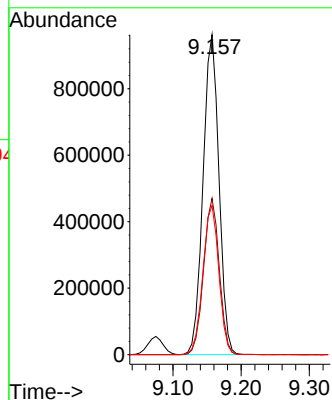
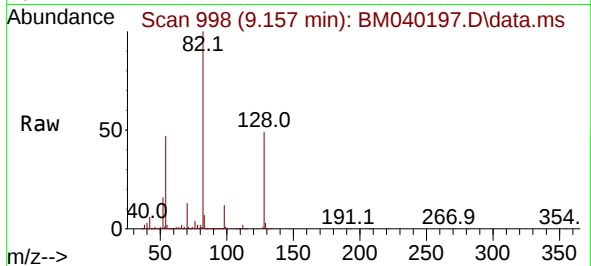




#23
Nitrobenzene-d5
Concen: 57.076 ng
RT: 9.157 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM040197.D
Acq: 09 Jun 2023 18:32

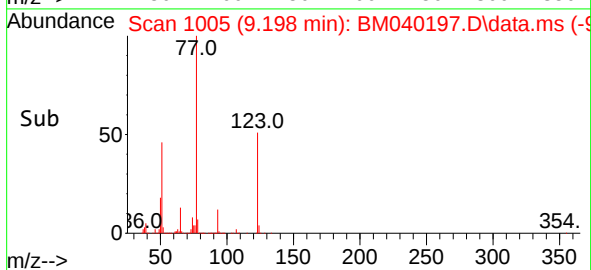
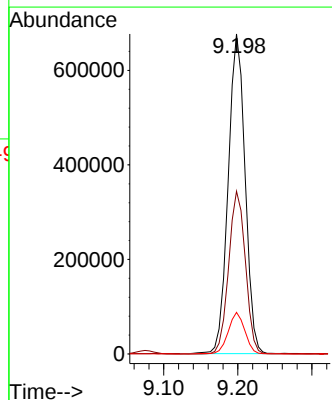
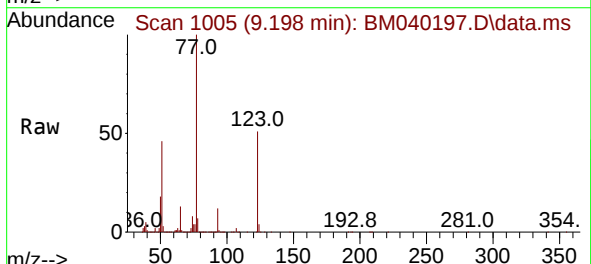
Instrument :
BNA_M
ClientSampleId :
SB30BMS

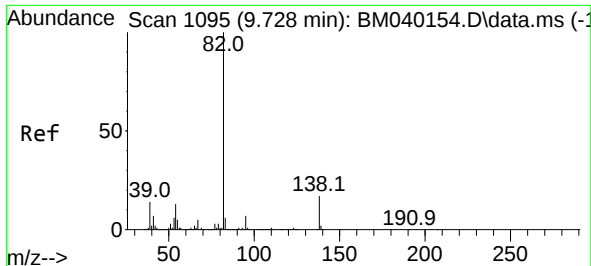
Tgt Ion: 82 Resp: 1558333
Ion Ratio Lower Upper
82 100
128 48.9 36.0 54.0
54 46.6 38.5 57.7



#24
Nitrobenzene
Concen: 38.130 ng
RT: 9.198 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BM040197.D
Acq: 09 Jun 2023 18:32

Tgt Ion: 77 Resp: 1071539
Ion Ratio Lower Upper
77 100
123 50.8 37.5 56.3
65 13.0 10.0 15.0

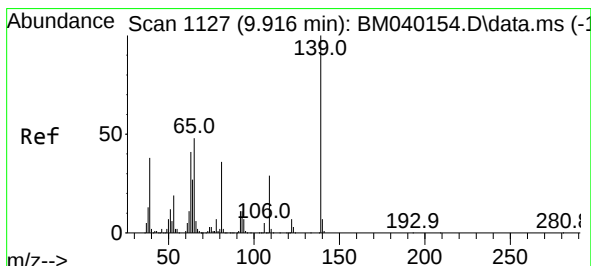
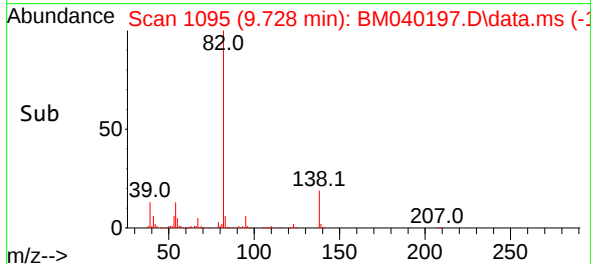
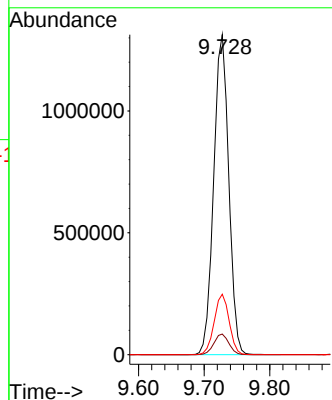
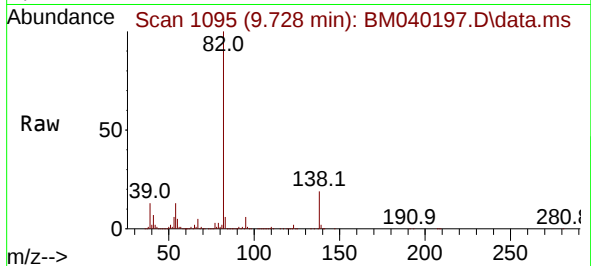




#25
Isophorone
Concen: 40.574 ng
RT: 9.728 min Scan# 1095
Delta R.T. -0.000 min
Lab File: BM040197.D
Acq: 09 Jun 2023 18:32

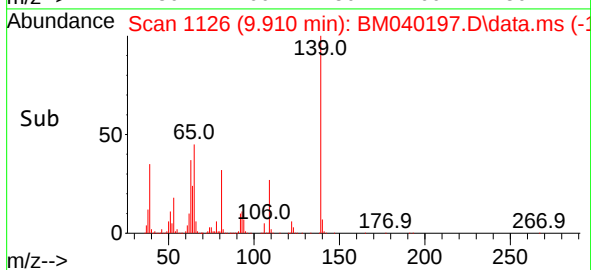
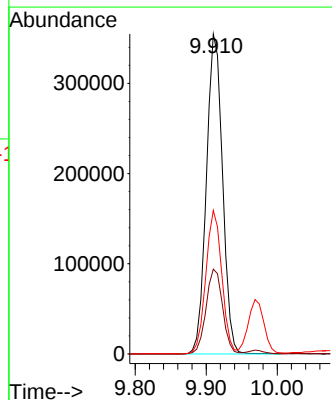
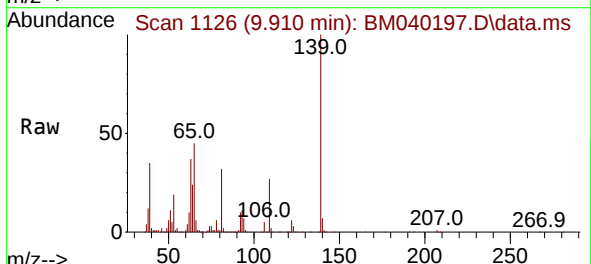
Instrument :
BNA_M
ClientSampleId :
SB30BMS

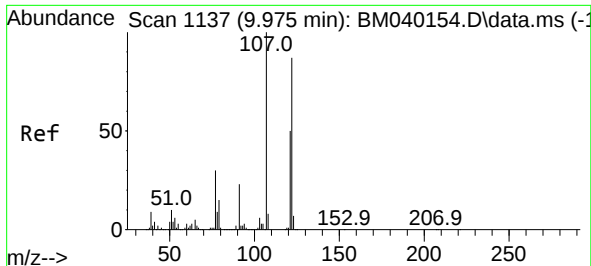
Tgt Ion: 82 Resp: 2091907
Ion Ratio Lower Upper
82 100
95 6.5 5.2 7.8
138 18.9 13.6 20.4



#26
2-Nitrophenol
Concen: 48.065 ng
RT: 9.910 min Scan# 1126
Delta R.T. -0.006 min
Lab File: BM040197.D
Acq: 09 Jun 2023 18:32

Tgt Ion: 139 Resp: 561268
Ion Ratio Lower Upper
139 100
109 26.5 23.2 34.8
65 44.9 38.4 57.6

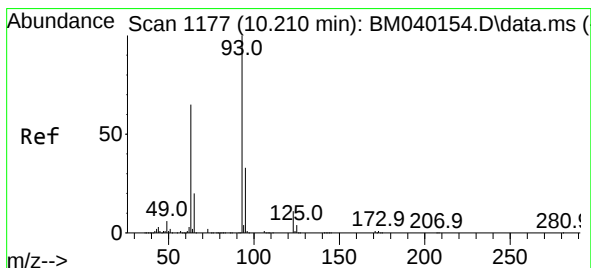
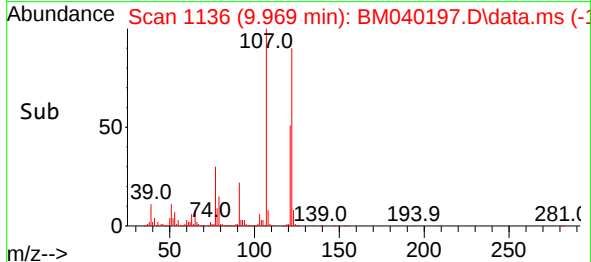
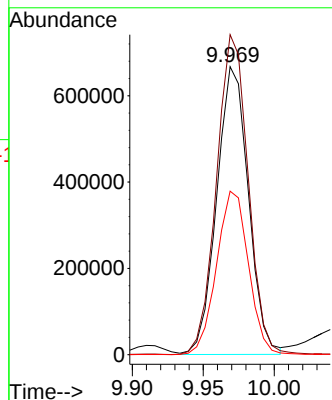
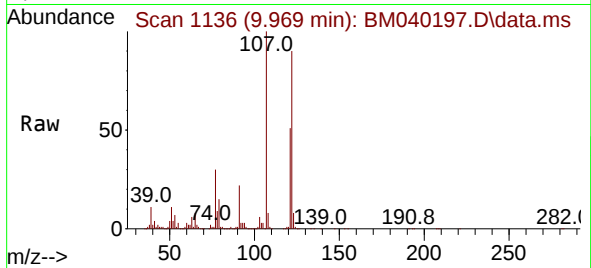




#27
2,4-Dimethylphenol
Concen: 45.268 ng
RT: 9.969 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BM040197.D
Acq: 09 Jun 2023 18:32

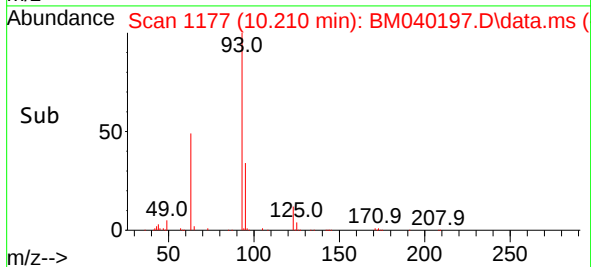
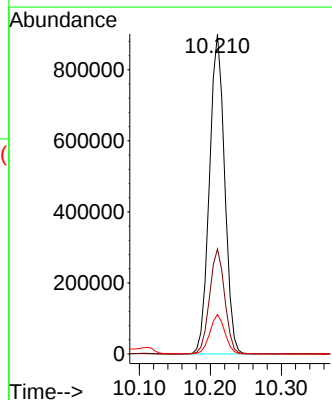
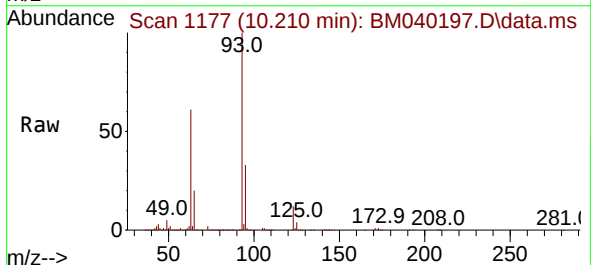
Instrument :
BNA_M
ClientSampleId :
SB30BMS

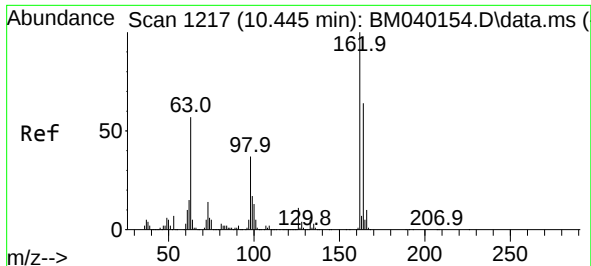
Tgt Ion:122 Resp: 1034223
Ion Ratio Lower Upper
122 100
107 111.1 92.0 138.0
121 56.7 46.3 69.5



#28
bis(2-Chloroethoxy)methane
Concen: 40.219 ng
RT: 10.210 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BM040197.D
Acq: 09 Jun 2023 18:32

Tgt Ion: 93 Resp: 1338657
Ion Ratio Lower Upper
93 100
95 32.8 26.1 39.1
123 12.4 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 49.839 ng

RT: 10.445 min Scan# 1217

Delta R.T. -0.000 min

Lab File: BM040197.D

Acq: 09 Jun 2023 18:32

Instrument :

BNA_M

ClientSampleId :

SB30BMS

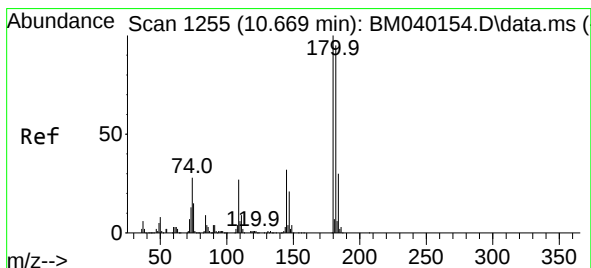
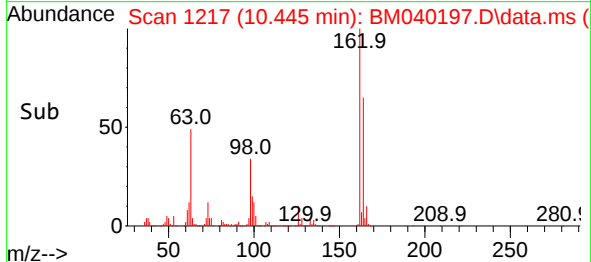
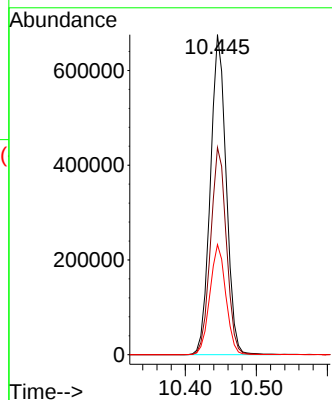
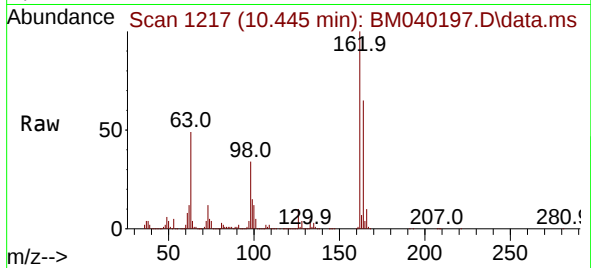
Tgt Ion:162 Resp: 1044403

Ion Ratio Lower Upper

162 100

164 64.7 44.0 84.0

98 34.4 17.3 57.3



#30

1,2,4-Trichlorobenzene

Concen: 45.044 ng

RT: 10.663 min Scan# 1254

Delta R.T. -0.006 min

Lab File: BM040197.D

Acq: 09 Jun 2023 18:32

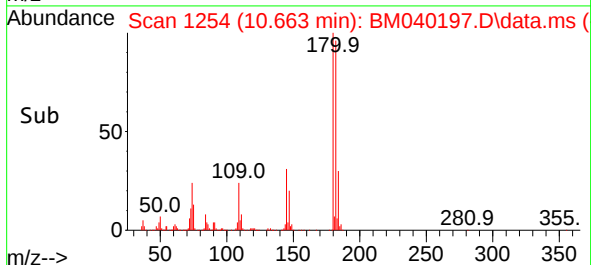
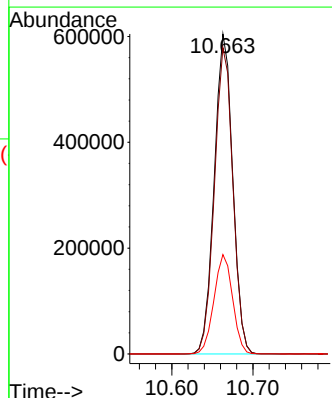
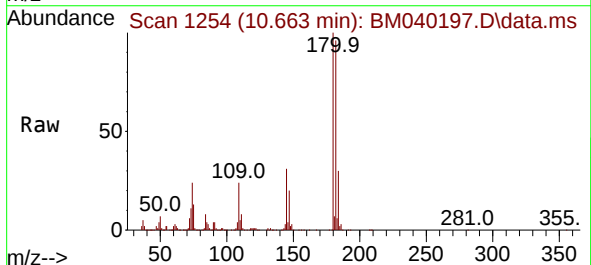
Tgt Ion:180 Resp: 956150

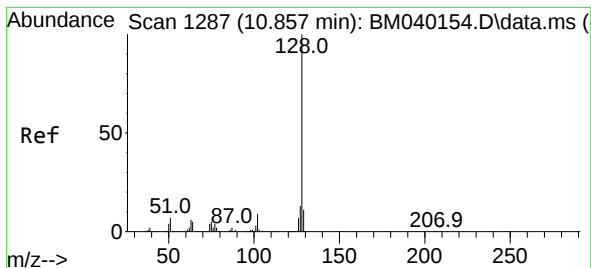
Ion Ratio Lower Upper

180 100

182 95.7 76.1 114.1

145 31.1 25.5 38.3





#31

Naphthalene

Concen: 40.849 ng

RT: 10.851 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM040197.D

Acq: 09 Jun 2023 18:32

Instrument :

BNA_M

ClientSampleId :

SB30BMS

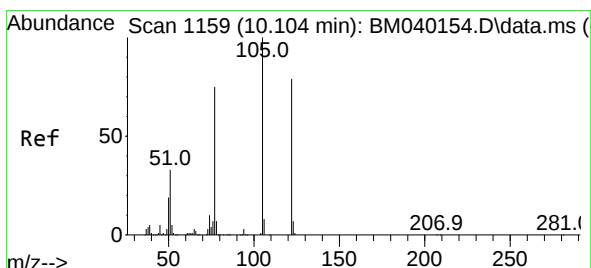
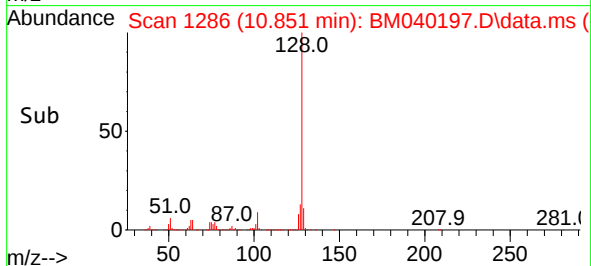
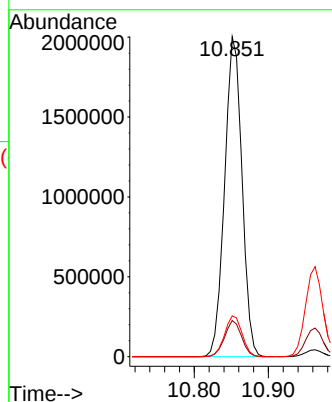
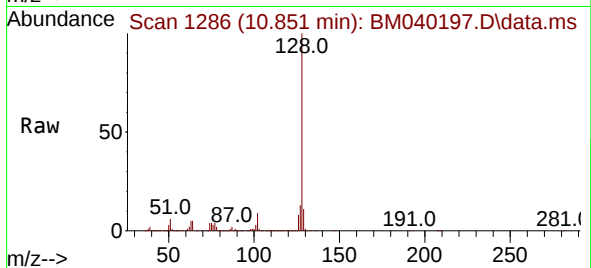
Tgt Ion:128 Resp: 3251454

Ion Ratio Lower Upper

128 100

129 11.3 8.9 13.3

127 12.7 10.5 15.7



#32

Benzoic acid

Concen: 48.871 ng

RT: 10.110 min Scan# 1160

Delta R.T. 0.006 min

Lab File: BM040197.D

Acq: 09 Jun 2023 18:32

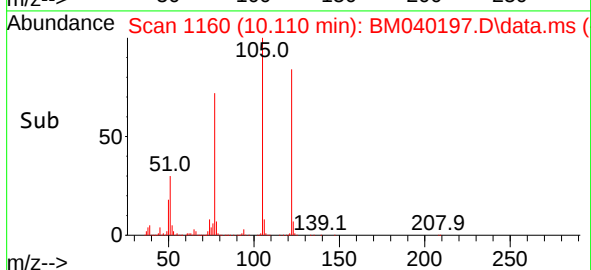
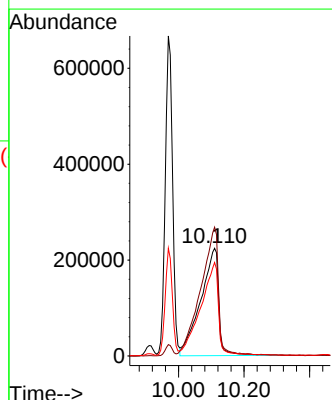
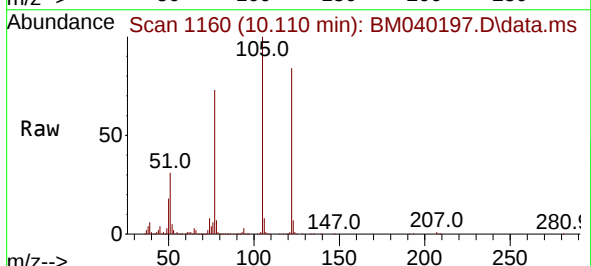
Tgt Ion:122 Resp: 860939

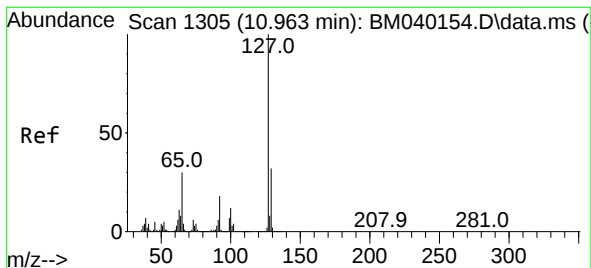
Ion Ratio Lower Upper

122 100

105 119.6 102.7 142.7

77 86.8 73.9 113.9





#33

4-Chloroaniline

Concen: 26.113 ng

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM040197.D

Acq: 09 Jun 2023 18:32

Instrument :

BNA_M

ClientSampleId :

SB30BMS

Tgt Ion:127 Resp: 925712

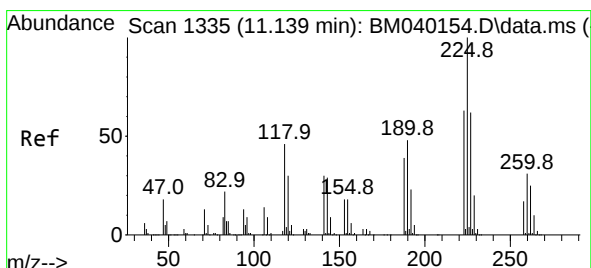
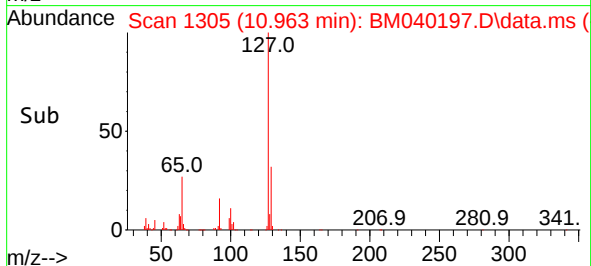
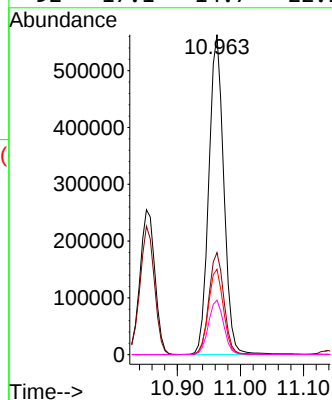
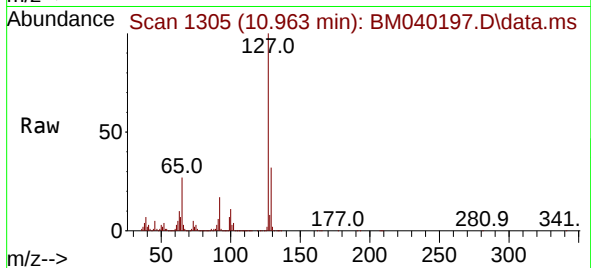
Ion Ratio Lower Upper

127 100

129 31.9 25.5 38.3

65 26.7 23.7 35.5

92 17.1 14.7 22.1



#34

Hexachlorobutadiene

Concen: 44.907 ng

RT: 11.139 min Scan# 1335

Delta R.T. -0.000 min

Lab File: BM040197.D

Acq: 09 Jun 2023 18:32

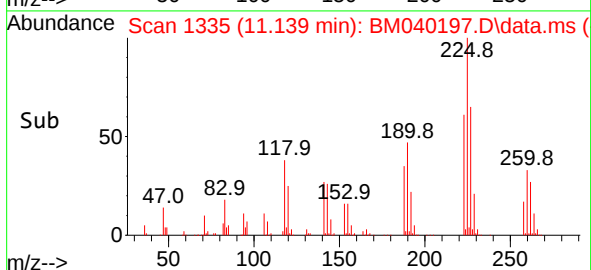
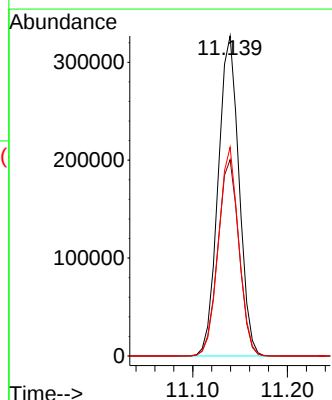
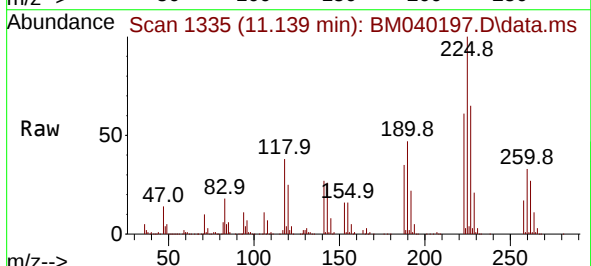
Tgt Ion:225 Resp: 500016

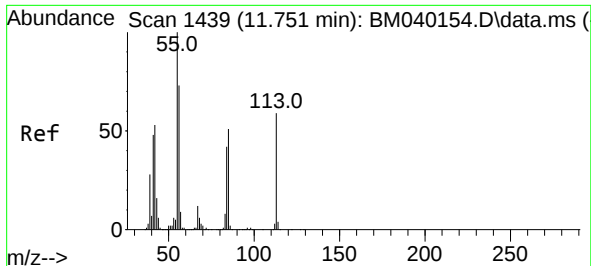
Ion Ratio Lower Upper

225 100

223 61.4 50.4 75.6

227 65.3 49.6 74.4

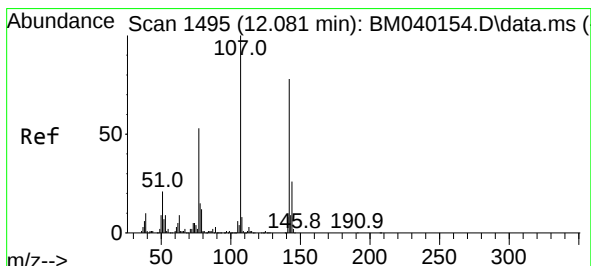
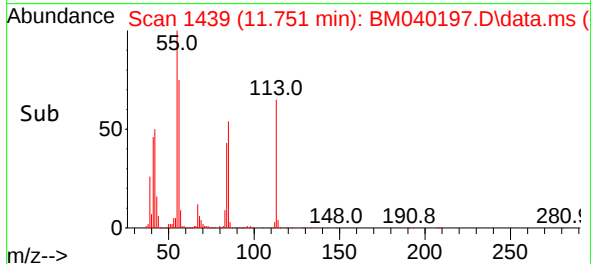
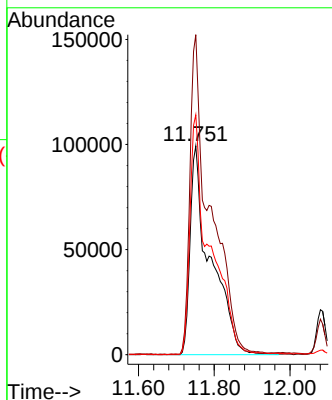
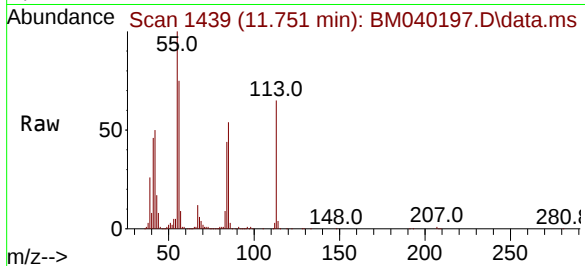




#35
Caprolactam
Concen: 51.030 ng
RT: 11.751 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BM040197.D
Acq: 09 Jun 2023 18:32

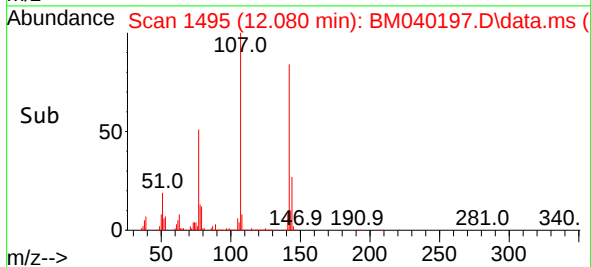
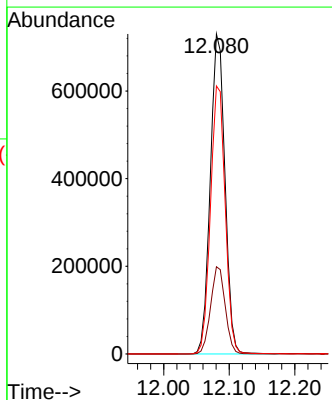
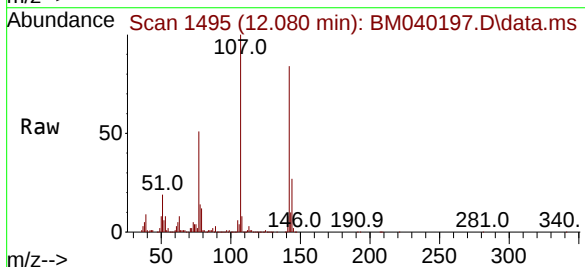
Instrument :
BNA_M
ClientSampleId :
SB30BMS

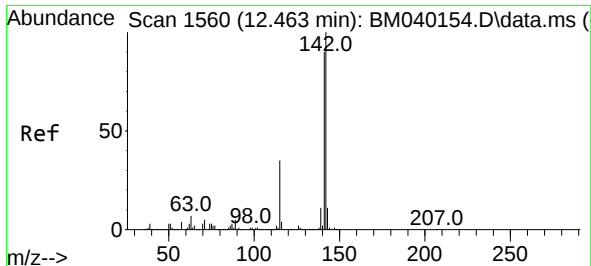
Tgt Ion:113 Resp: 367231
Ion Ratio Lower Upper
113 100
55 153.2 149.3 189.3
56 114.9 104.3 144.3



#36
4-Chloro-3-methylphenol
Concen: 46.563 ng
RT: 12.080 min Scan# 1495
Delta R.T. -0.000 min
Lab File: BM040197.D
Acq: 09 Jun 2023 18:32

Tgt Ion:107 Resp: 1133096
Ion Ratio Lower Upper
107 100
144 27.3 20.5 30.7
142 83.7 62.7 94.1





#37

2-Methylnaphthalene

Concen: 41.960 ng

RT: 12.457 min Scan# 1559

Delta R.T. -0.006 min

Lab File: BM040197.D

Acq: 09 Jun 2023 18:32

Instrument :

BNA_M

ClientSampleId :

SB30BMS

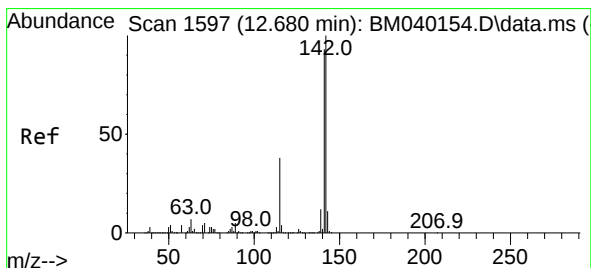
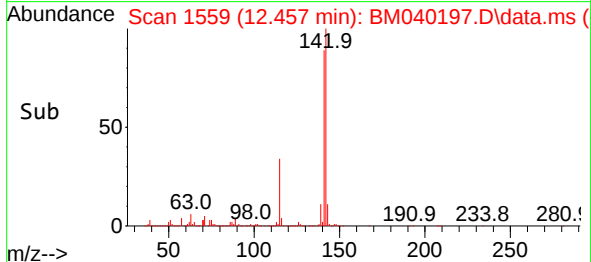
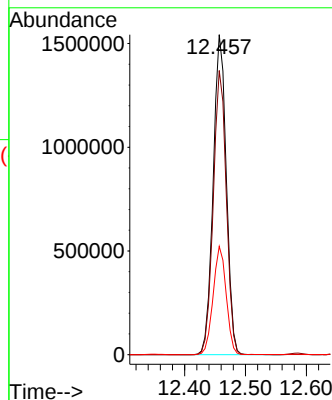
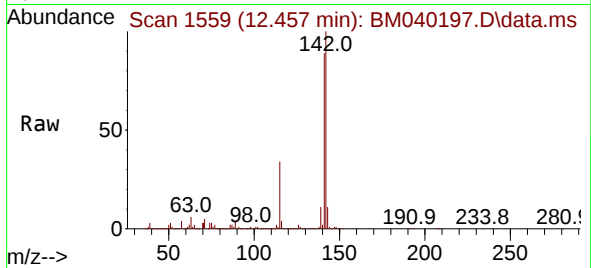
Tgt Ion:142 Resp: 2309531

Ion Ratio Lower Upper

142 100

141 88.8 71.8 107.6

115 33.8 28.2 42.4



#38

1-Methylnaphthalene

Concen: 41.888 ng

RT: 12.675 min Scan# 1596

Delta R.T. -0.006 min

Lab File: BM040197.D

Acq: 09 Jun 2023 18:32

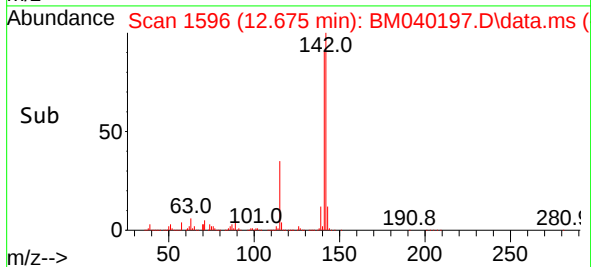
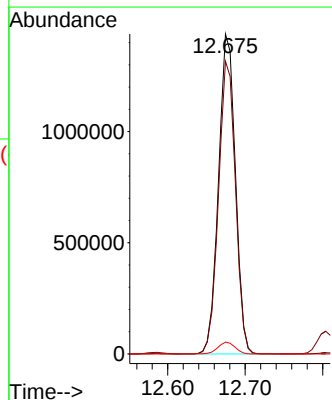
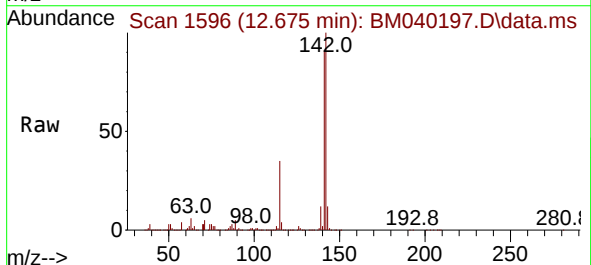
Tgt Ion:142 Resp: 2174253

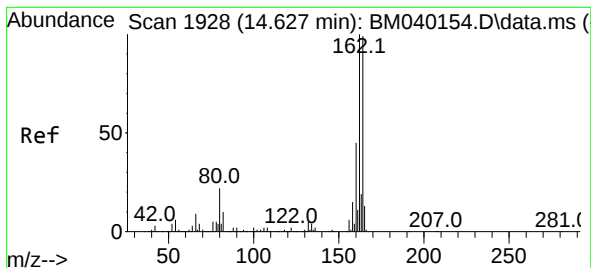
Ion Ratio Lower Upper

142 100

141 91.5 74.2 111.2

116 3.7 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.627 min Scan# 1928

Delta R.T. 0.000 min

Lab File: BM040197.D

Acq: 09 Jun 2023 18:32

Instrument :

BNA_M

ClientSampleId :

SB30BMS

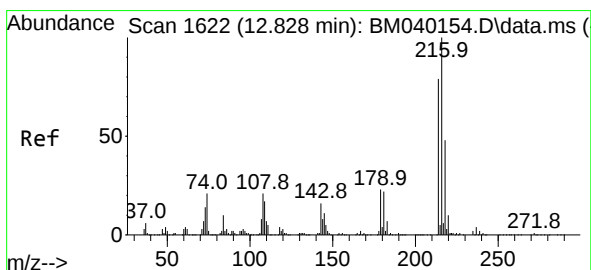
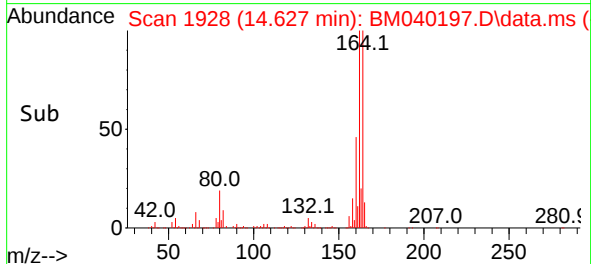
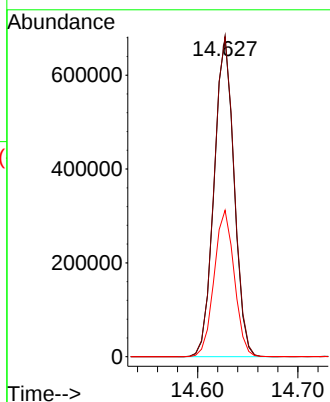
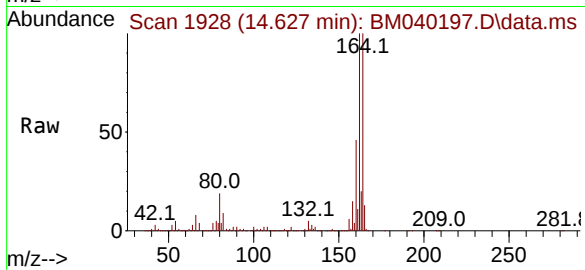
Tgt Ion:164 Resp: 936274

Ion Ratio Lower Upper

164 100

162 100.1 80.4 120.6

160 45.8 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.834 ng

RT: 12.822 min Scan# 1621

Delta R.T. -0.006 min

Lab File: BM040197.D

Acq: 09 Jun 2023 18:32

Tgt Ion:216 Resp: 1088040

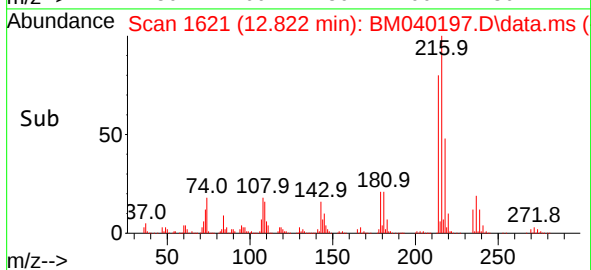
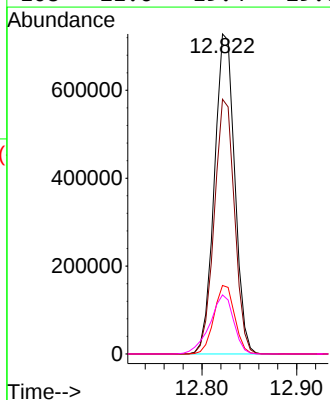
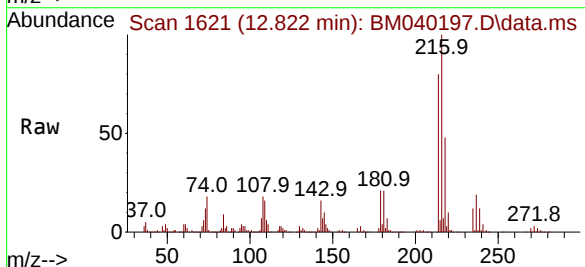
Ion Ratio Lower Upper

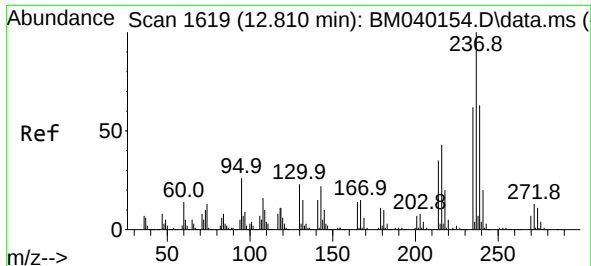
216 100

214 79.1 63.5 95.3

179 21.7 18.3 27.5

108 21.6 19.4 29.0

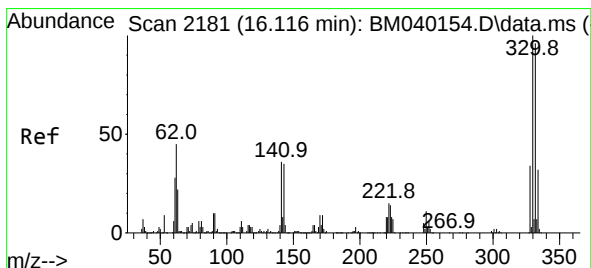
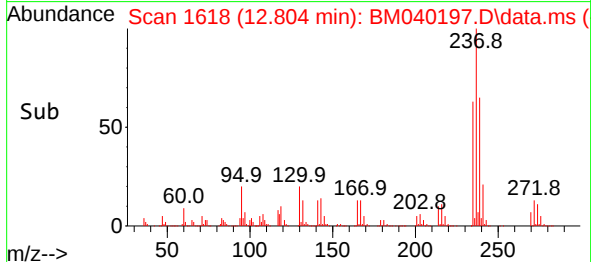
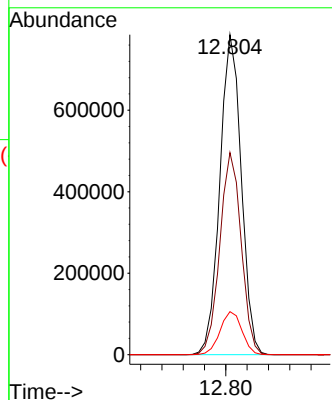
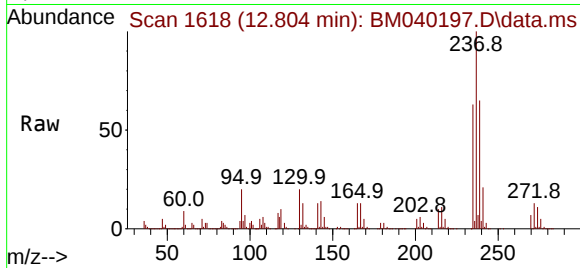




#41
Hexachlorocyclopentadiene
Concen: 84.552 ng
RT: 12.804 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM040197.D
Acq: 09 Jun 2023 18:32

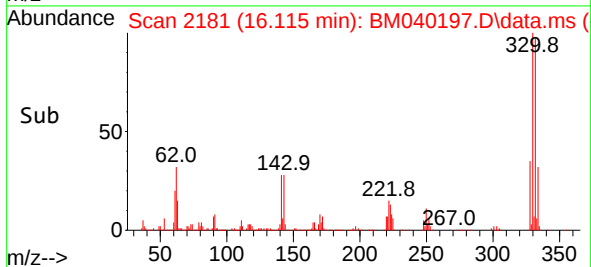
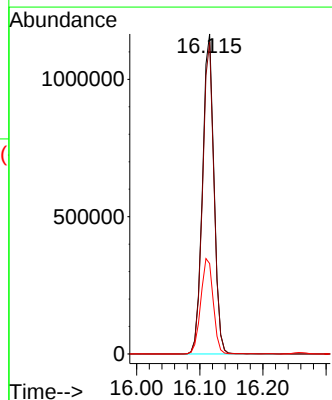
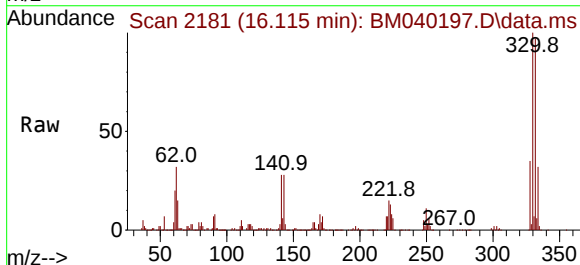
Instrument :
BNA_M
ClientSampleId :
SB30BMS

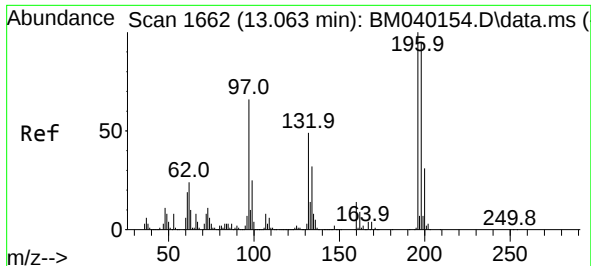
Tgt Ion:237 Resp: 1094369
Ion Ratio Lower Upper
237 100
235 63.2 41.5 81.5
272 13.5 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 104.180 ng
RT: 16.115 min Scan# 2181
Delta R.T. -0.001 min
Lab File: BM040197.D
Acq: 09 Jun 2023 18:32

Tgt Ion:330 Resp: 1467560
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 32.4 31.6 47.4

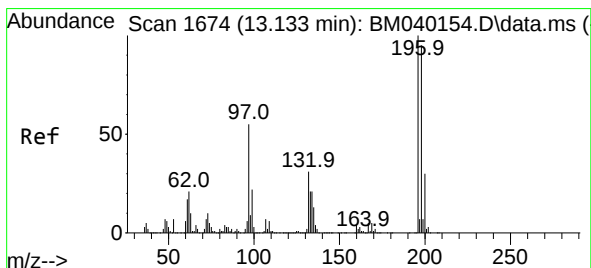
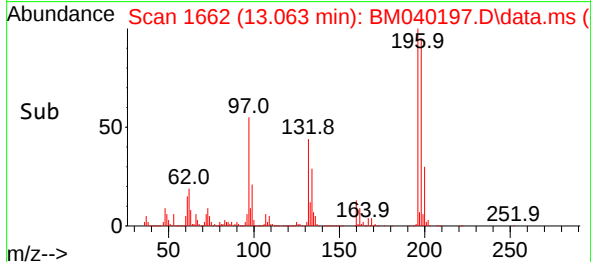
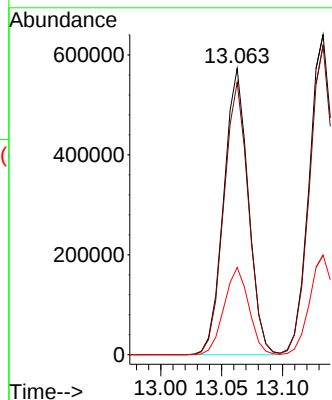
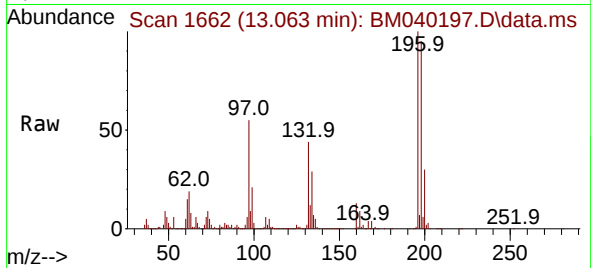




#43
2,4,6-Trichlorophenol
Concen: 47.300 ng
RT: 13.063 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM040197.D
Acq: 09 Jun 2023 18:32

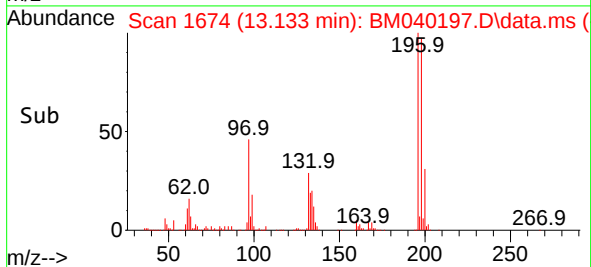
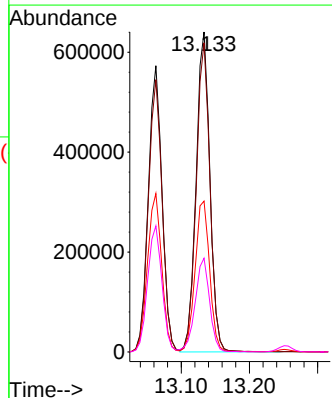
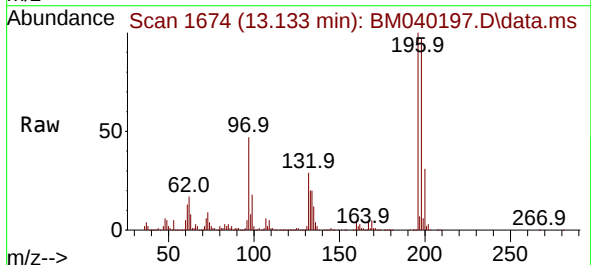
Instrument :
BNA_M
ClientSampleId :
SB30BMS

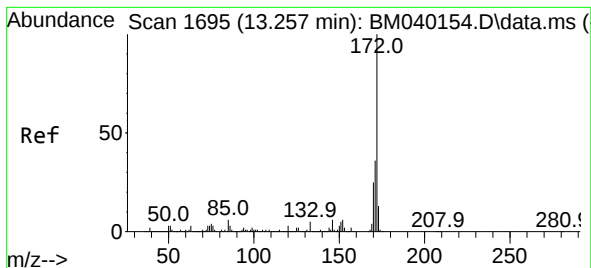
Tgt Ion:196 Resp: 805291
Ion Ratio Lower Upper
196 100
198 95.1 76.4 114.6
200 30.5 24.6 36.8



#44
2,4,5-Trichlorophenol
Concen: 43.823 ng
RT: 13.133 min Scan# 1674
Delta R.T. -0.000 min
Lab File: BM040197.D
Acq: 09 Jun 2023 18:32

Tgt Ion:196 Resp: 900614
Ion Ratio Lower Upper
196 100
198 96.7 76.3 114.5
97 47.1 44.2 66.2
132 29.3 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 54.467 ng

RT: 13.251 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM040197.D

Acq: 09 Jun 2023 18:32

Instrument :

BNA_M

ClientSampleId :

SB30BMS

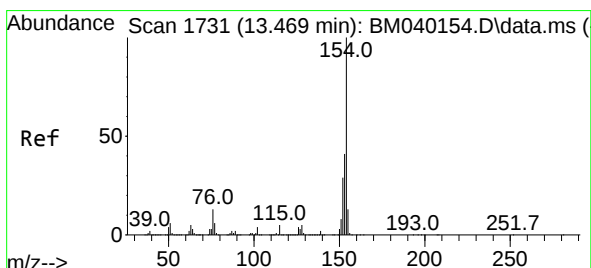
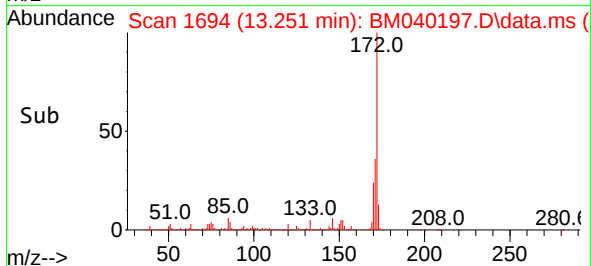
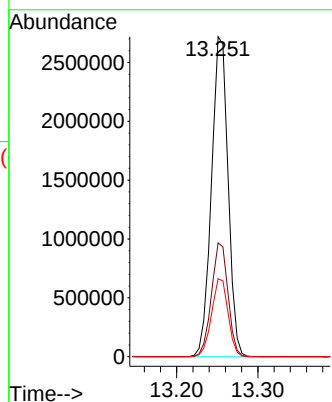
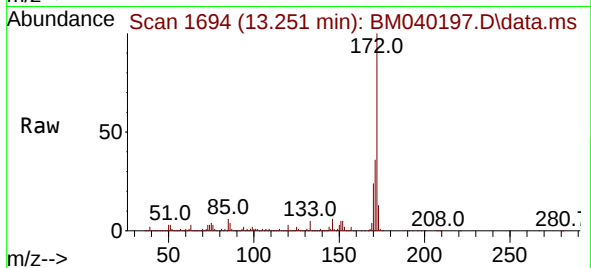
Tgt Ion:172 Resp: 3858357

Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 24.4 19.8 29.6



#46

1,1'-Biphenyl

Concen: 41.582 ng

RT: 13.463 min Scan# 1730

Delta R.T. -0.006 min

Lab File: BM040197.D

Acq: 09 Jun 2023 18:32

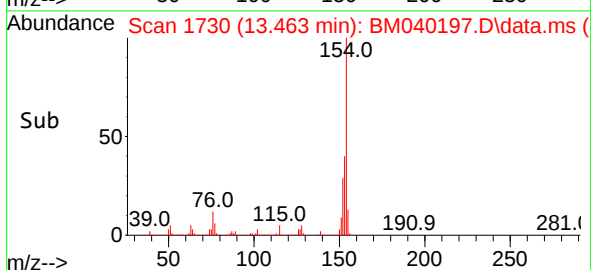
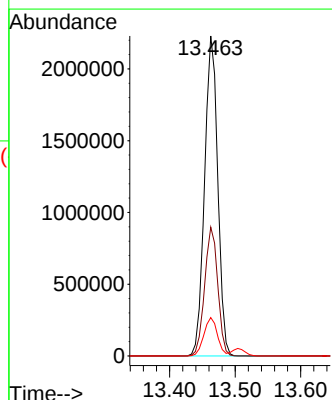
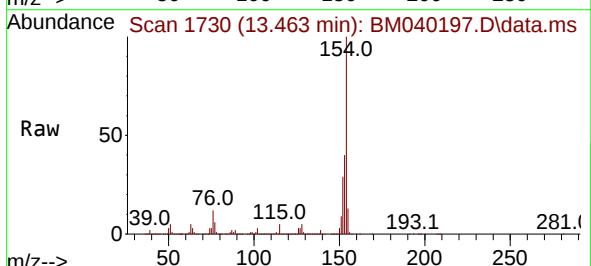
Tgt Ion:154 Resp: 3121735

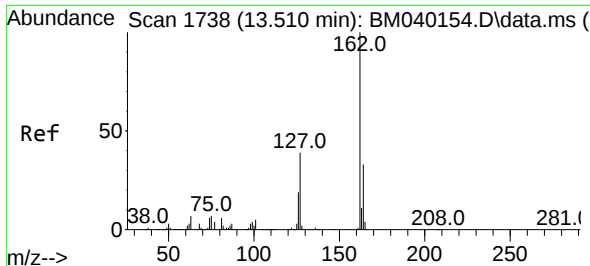
Ion Ratio Lower Upper

154 100

153 40.3 20.6 60.6

76 12.0 0.0 32.7

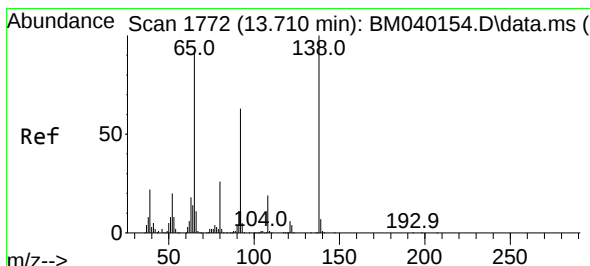
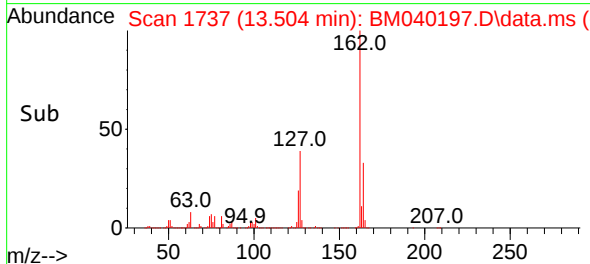
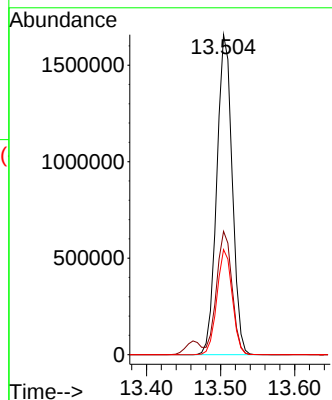
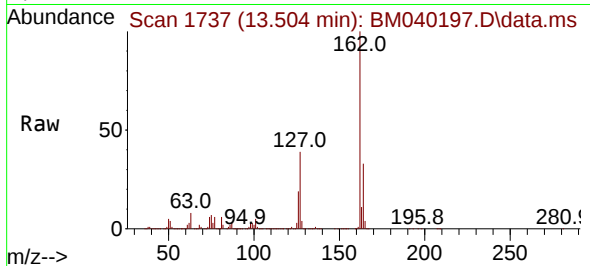




#47
2-Chloronaphthalene
Concen: 42.957 ng
RT: 13.504 min Scan# 1737
Delta R.T. -0.006 min
Lab File: BM040197.D
Acq: 09 Jun 2023 18:32

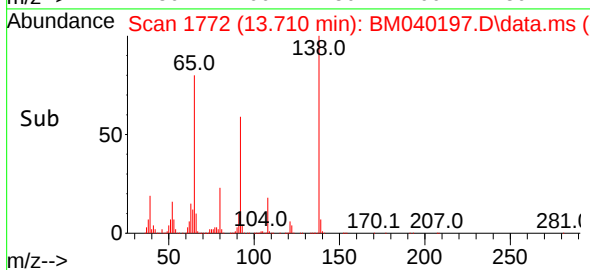
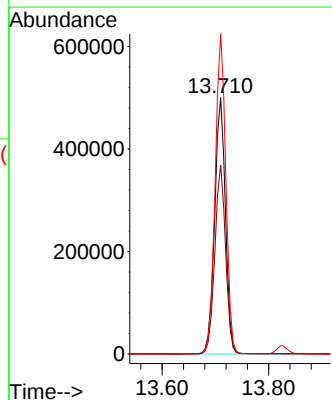
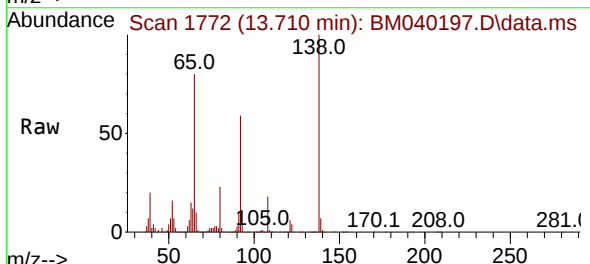
Instrument :
BNA_M
ClientSampleId :
SB30BMS

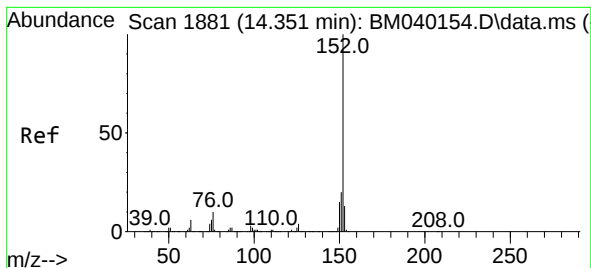
Tgt Ion:162 Resp: 2395763
Ion Ratio Lower Upper
162 100
127 38.5 32.4 48.6
164 32.9 26.3 39.5



#48
2-Nitroaniline
Concen: 42.168 ng
RT: 13.710 min Scan# 1772
Delta R.T. -0.000 min
Lab File: BM040197.D
Acq: 09 Jun 2023 18:32

Tgt Ion: 65 Resp: 705147
Ion Ratio Lower Upper
65 100
92 73.7 56.0 84.0
138 124.8 88.2 132.4





#49

Acenaphthylene

Concen: 42.028 ng

RT: 14.351 min Scan# 1881

Delta R.T. -0.000 min

Lab File: BM040197.D

Acq: 09 Jun 2023 18:32

Instrument :

BNA_M

ClientSampleId :

SB30BMS

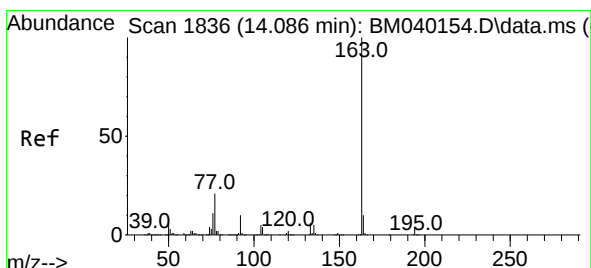
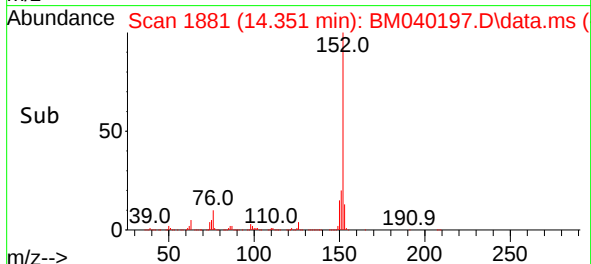
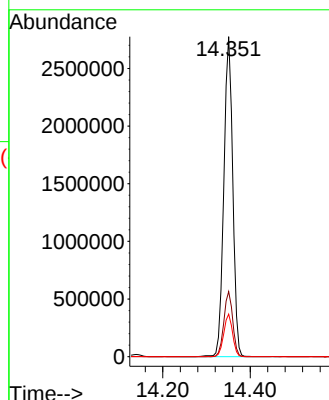
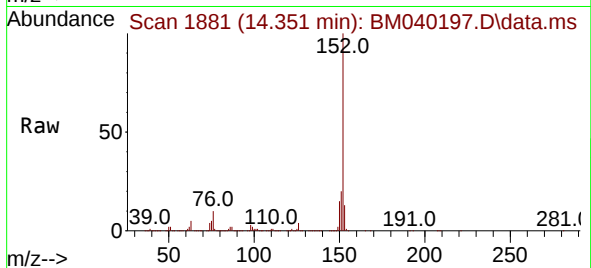
Tgt Ion:152 Resp: 3886277

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

153 13.3 10.4 15.6



#50

Dimethylphthalate

Concen: 41.486 ng

RT: 14.086 min Scan# 1836

Delta R.T. -0.000 min

Lab File: BM040197.D

Acq: 09 Jun 2023 18:32

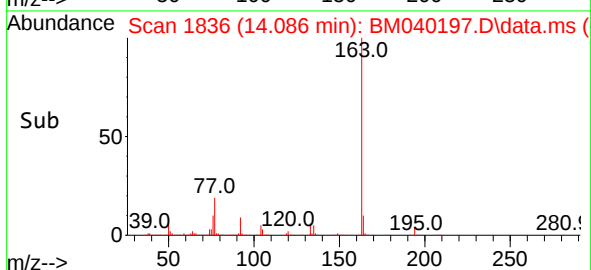
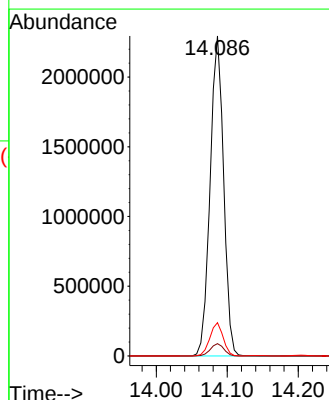
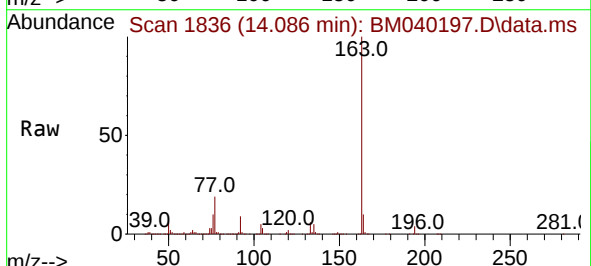
Tgt Ion:163 Resp: 3029533

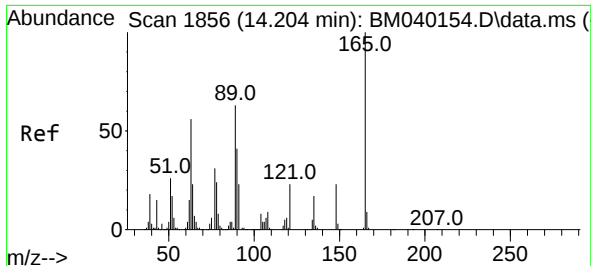
Ion Ratio Lower Upper

163 100

194 3.9 2.9 4.3

164 10.4 8.2 12.2

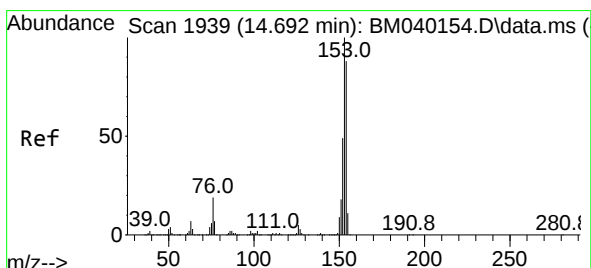
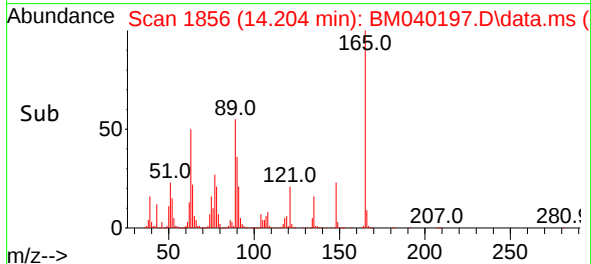
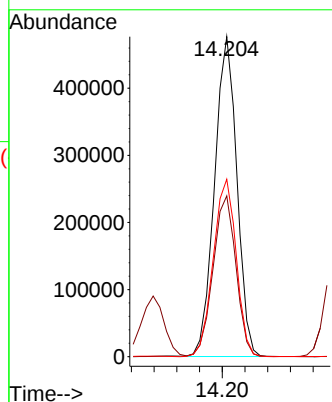
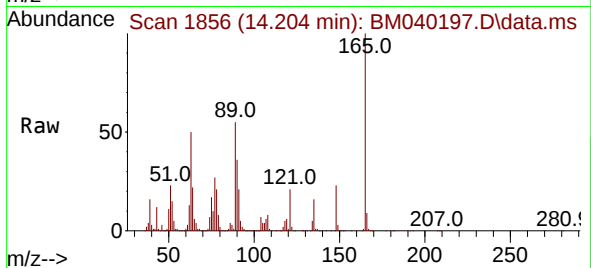




#51
2,6-Dinitrotoluene
Concen: 44.431 ng
RT: 14.204 min Scan# 1856
Delta R.T. -0.000 min
Lab File: BM040197.D
Acq: 09 Jun 2023 18:32

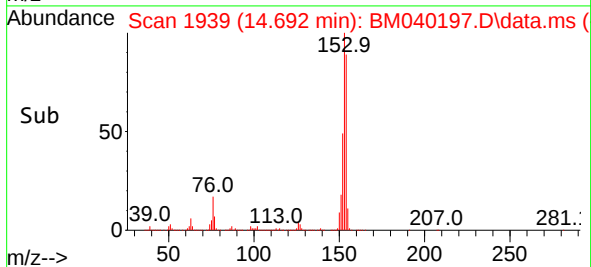
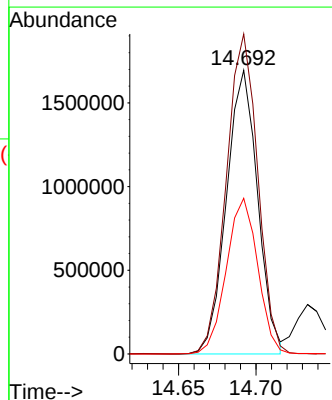
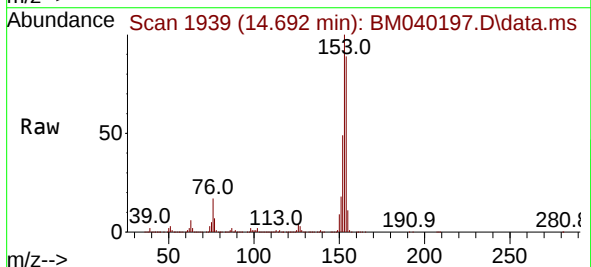
Instrument :
BNA_M
ClientSampleId :
SB30BMS

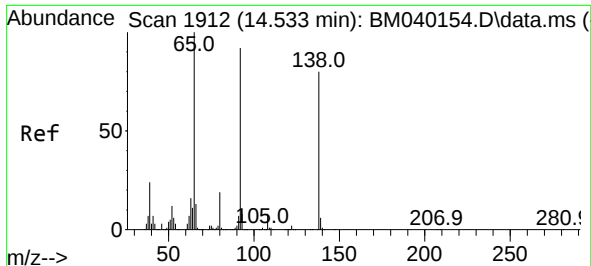
Tgt Ion:165 Resp: 650279
Ion Ratio Lower Upper
165 100
63 50.2 47.3 70.9
89 55.5 50.8 76.2



#52
Acenaphthene
Concen: 41.546 ng
RT: 14.692 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BM040197.D
Acq: 09 Jun 2023 18:32

Tgt Ion:154 Resp: 2369516
Ion Ratio Lower Upper
154 100
153 112.8 91.2 136.8
152 54.9 45.0 67.6

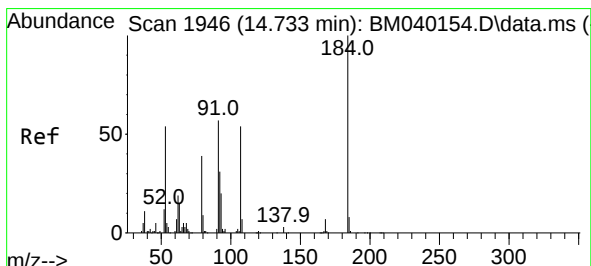
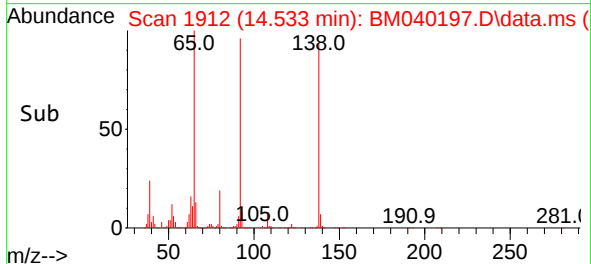
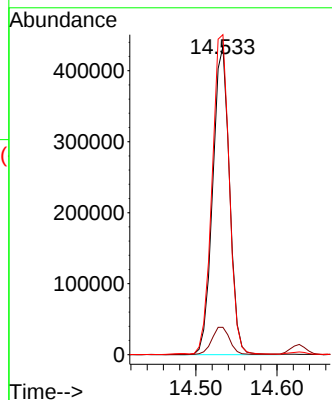
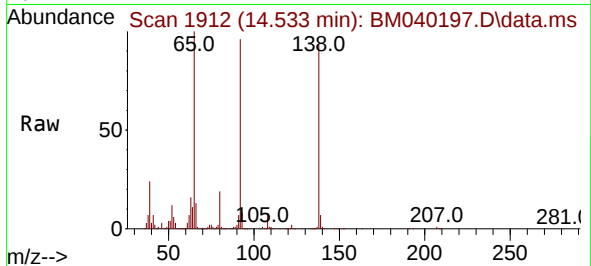




#53
3-Nitroaniline
Concen: 34.109 ng
RT: 14.533 min Scan# 1912
Delta R.T. -0.000 min
Lab File: BM040197.D
Acq: 09 Jun 2023 18:32

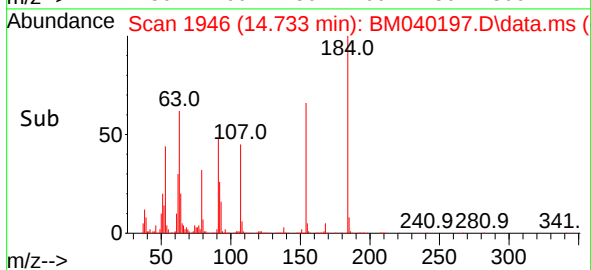
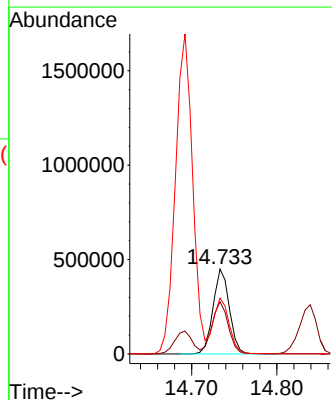
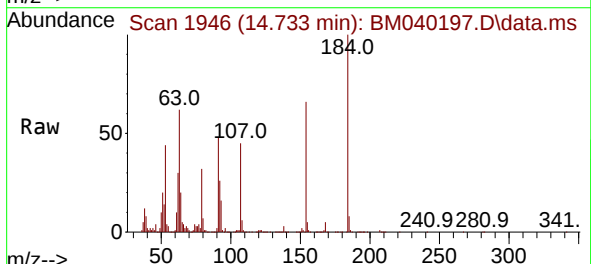
Instrument :
BNA_M
ClientSampleId :
SB30BMS

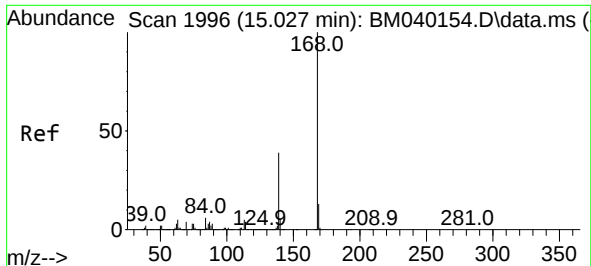
Tgt Ion:138 Resp: 622821
Ion Ratio Lower Upper
138 100
108 8.9 7.8 11.6
92 103.8 91.6 137.4



#54
2,4-Dinitrophenol
Concen: 65.800 ng
RT: 14.733 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BM040197.D
Acq: 09 Jun 2023 18:32

Tgt Ion:184 Resp: 598727
Ion Ratio Lower Upper
184 100
63 61.6 62.8 94.2#
154 65.8 55.9 83.9

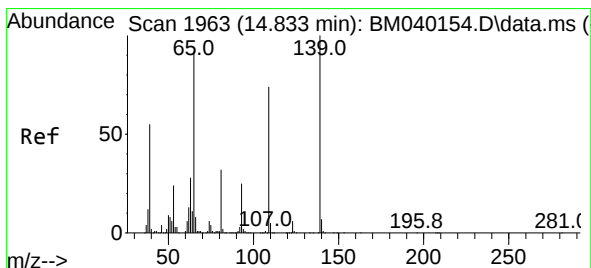
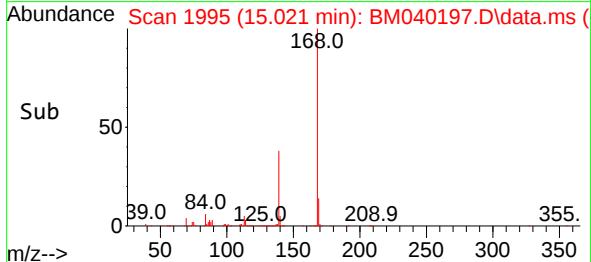
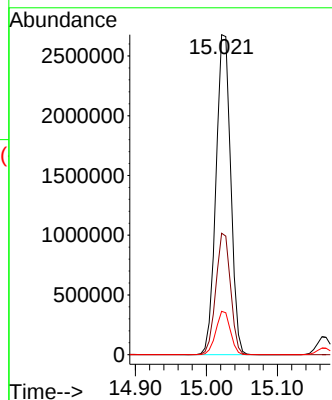
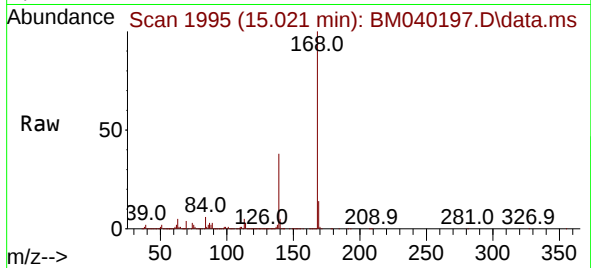




#55
Dibenzenofuran
Concen: 43.025 ng
RT: 15.021 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BM040197.D
Acq: 09 Jun 2023 18:32

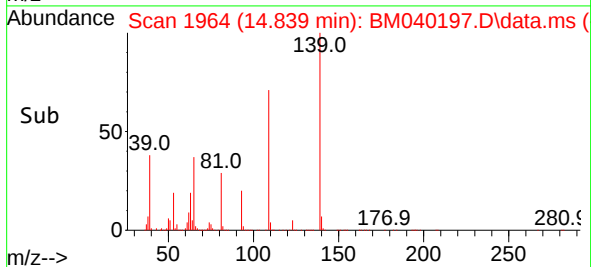
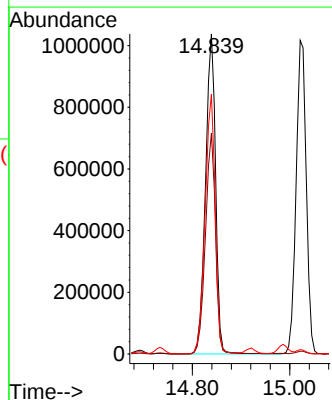
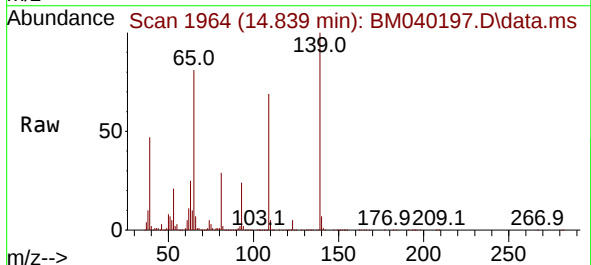
Instrument :
BNA_M
ClientSampleId :
SB30BMS

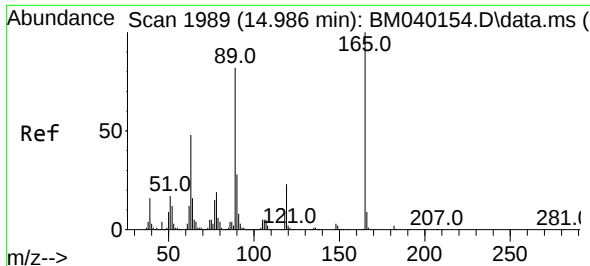
Tgt Ion:168 Resp: 3838550
Ion Ratio Lower Upper
168 100
139 38.0 31.4 47.2
169 13.5 10.6 15.8



#56
4-Nitrophenol
Concen: 100.665 ng
RT: 14.839 min Scan# 1964
Delta R.T. 0.006 min
Lab File: BM040197.D
Acq: 09 Jun 2023 18:32

Tgt Ion:139 Resp: 1488766
Ion Ratio Lower Upper
139 100
109 69.0 54.4 94.4
65 81.2 71.9 111.9

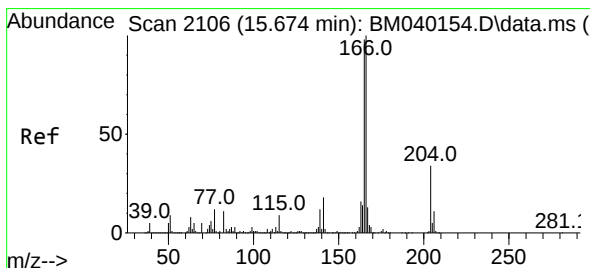
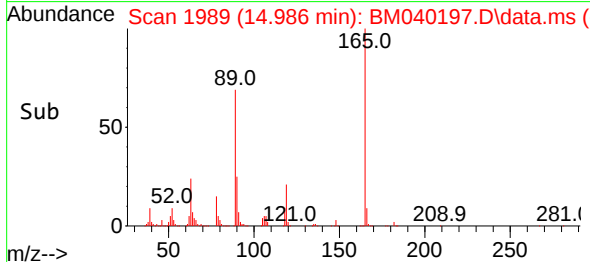
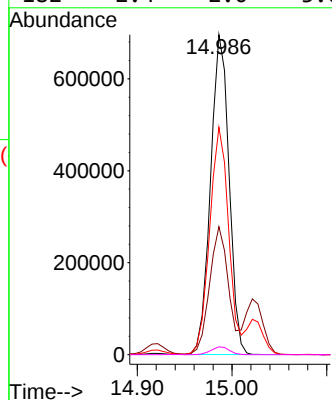
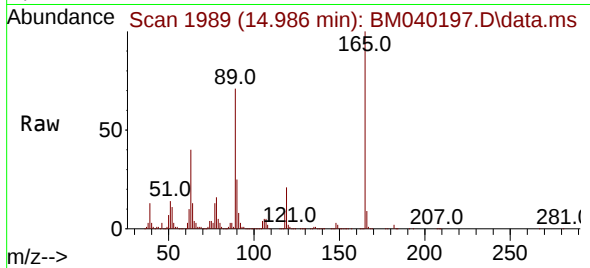




#57
2,4-Dinitrotoluene
Concen: 48.174 ng
RT: 14.986 min Scan# 1989
Delta R.T. -0.000 min
Lab File: BM040197.D
Acq: 09 Jun 2023 18:32

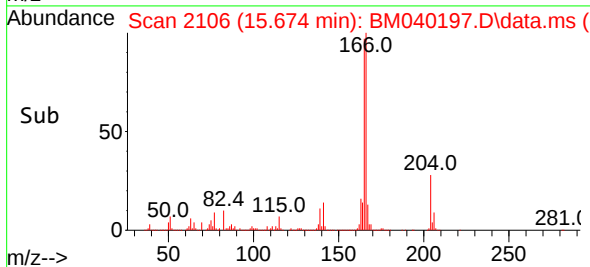
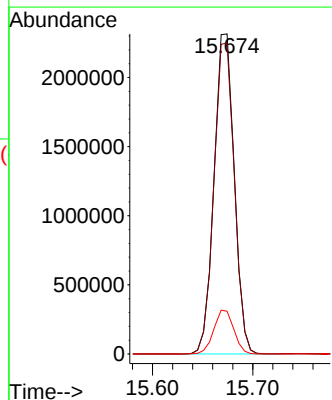
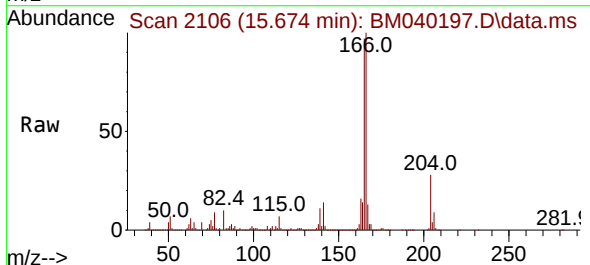
Instrument :
BNA_M
ClientSampleId :
SB30BMS

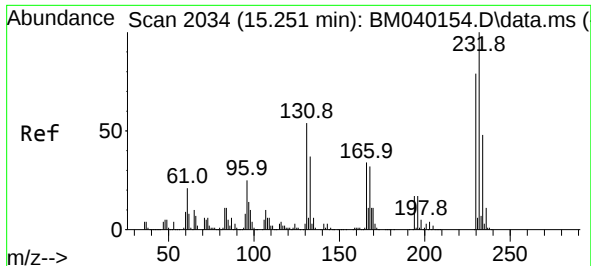
Tgt Ion:165 Resp: 940948
Ion Ratio Lower Upper
165 100
63 40.0 38.3 57.5
89 71.0 66.0 99.0
182 2.4 2.0 3.0



#58
Fluorene
Concen: 43.517 ng
RT: 15.674 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BM040197.D
Acq: 09 Jun 2023 18:32

Tgt Ion:166 Resp: 3249778
Ion Ratio Lower Upper
166 100
165 97.1 78.6 117.8
167 13.3 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 50.103 ng

RT: 15.245 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BM040197.D

Acq: 09 Jun 2023 18:32

Instrument :

BNA_M

ClientSampleId :

SB30BMS

Tgt Ion:232 Resp: 805104

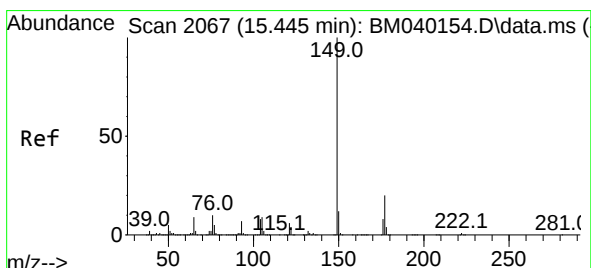
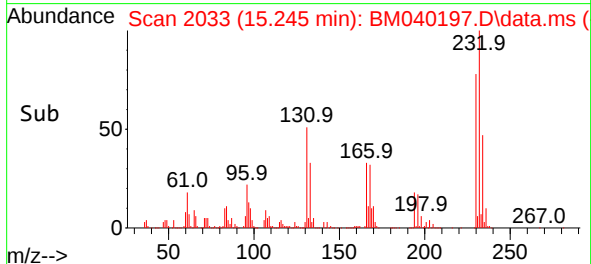
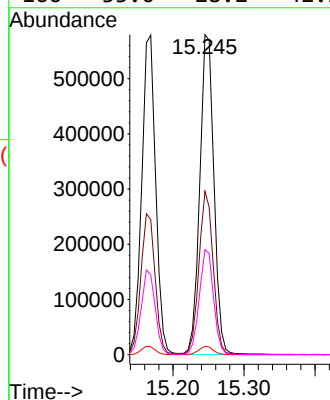
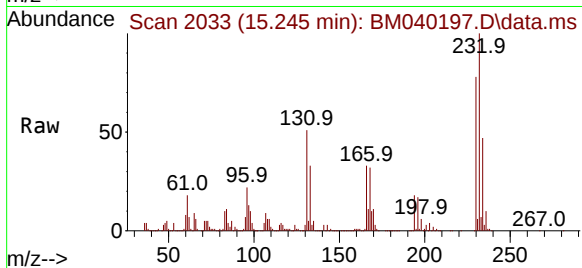
Ion Ratio Lower Upper

232 100

131 51.3 46.7 70.1

130 2.7 2.5 3.7

166 33.0 28.2 42.2



#60

Diethylphthalate

Concen: 43.863 ng

RT: 15.445 min Scan# 2067

Delta R.T. -0.000 min

Lab File: BM040197.D

Acq: 09 Jun 2023 18:32

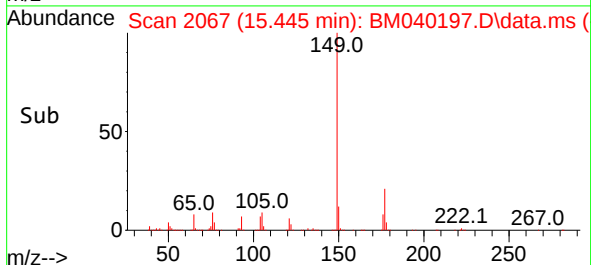
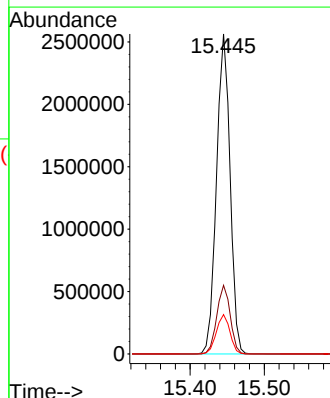
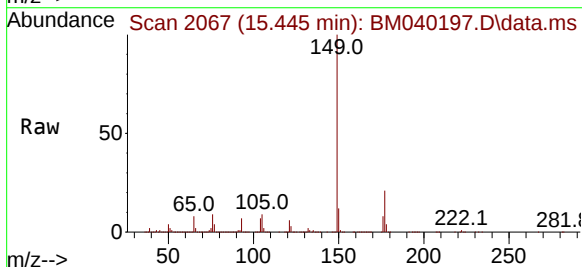
Tgt Ion:149 Resp: 3249916

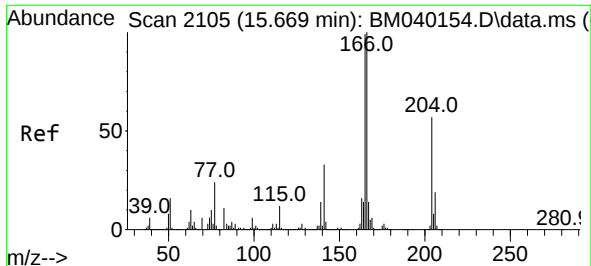
Ion Ratio Lower Upper

149 100

177 21.4 16.2 24.2

150 12.3 9.9 14.9

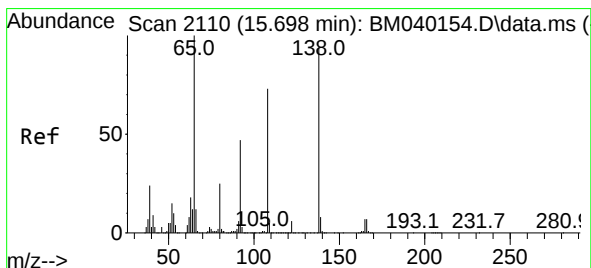
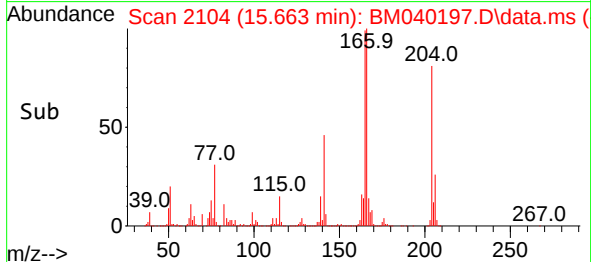
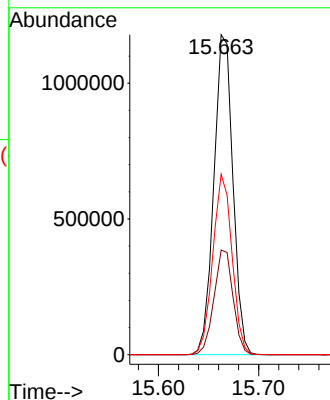
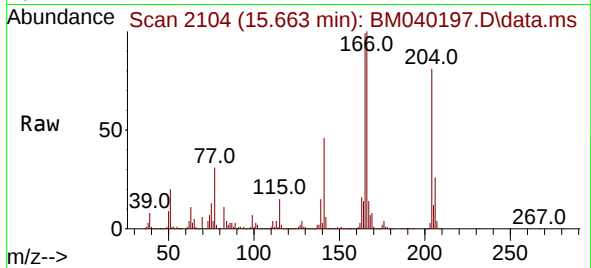




#61
4-Chlorophenyl-phenylether
Concen: 44.601 ng
RT: 15.663 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BM040197.D
Acq: 09 Jun 2023 18:32

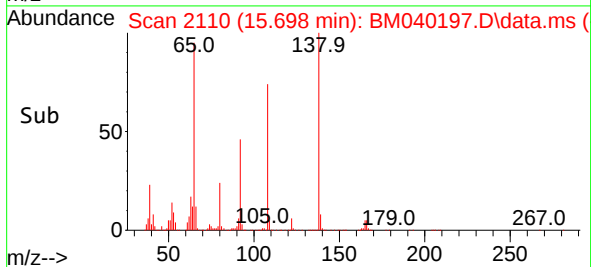
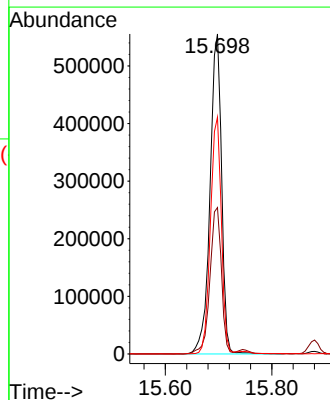
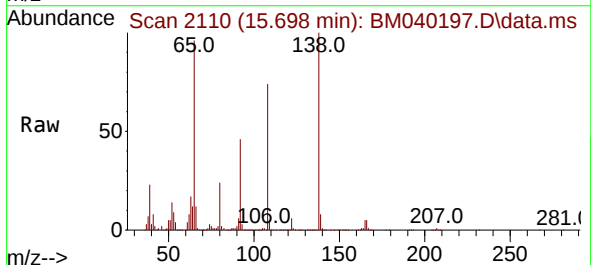
Instrument :
BNA_M
ClientSampleId :
SB30BMS

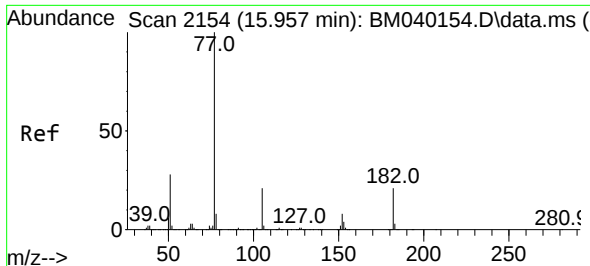
Tgt Ion:204 Resp: 1556846
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.4
141 56.3 45.9 68.9



#62
4-Nitroaniline
Concen: 43.086 ng
RT: 15.698 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BM040197.D
Acq: 09 Jun 2023 18:32

Tgt Ion:138 Resp: 838090
Ion Ratio Lower Upper
138 100
92 45.8 30.1 70.1
108 74.0 57.8 97.8

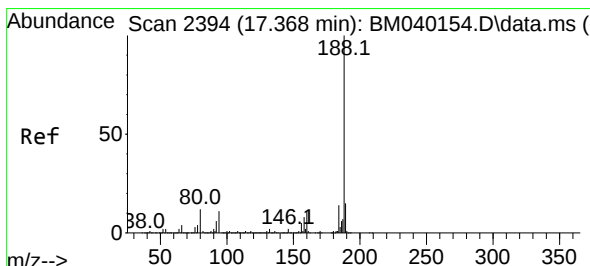
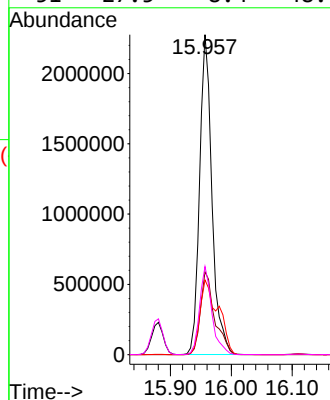
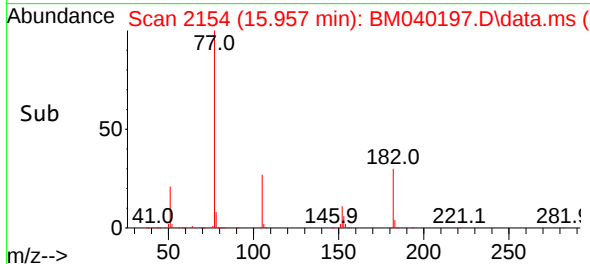
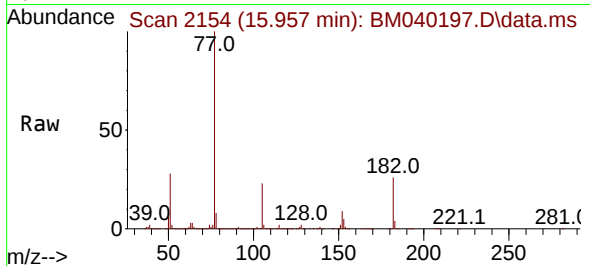




#63
Azobenzene
Concen: 44.550 ng
RT: 15.957 min Scan# 2154
Delta R.T. -0.000 min
Lab File: BM040197.D
Acq: 09 Jun 2023 18:32

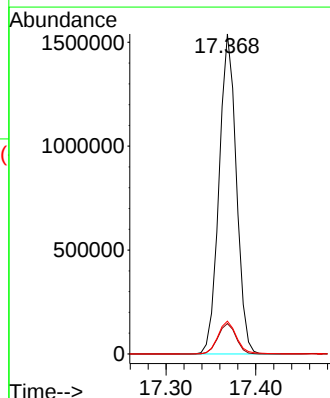
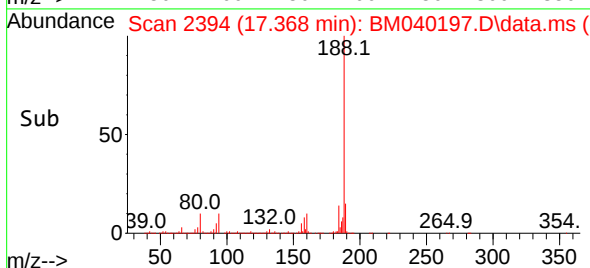
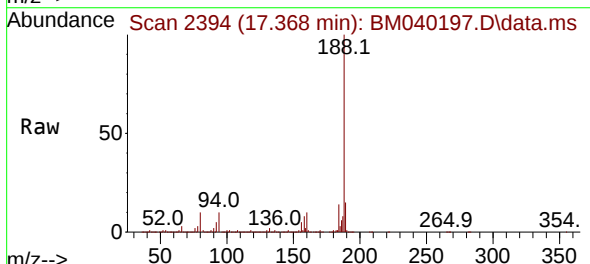
Instrument :
BNA_M
ClientSampleId :
SB30BMS

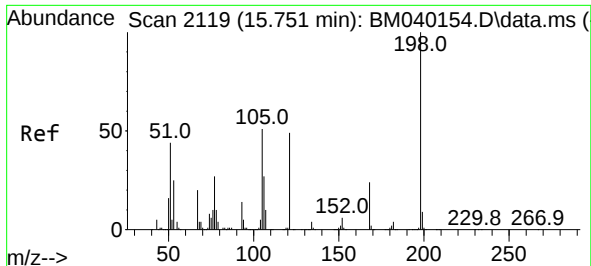
Tgt Ion: 77 Resp: 3209310
Ion Ratio Lower Upper
77 100
182 25.9 1.1 41.1
105 23.3 1.1 41.1
51 27.5 8.4 48.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.368 min Scan# 2394
Delta R.T. -0.000 min
Lab File: BM040197.D
Acq: 09 Jun 2023 18:32

Tgt Ion:188 Resp: 2059837
Ion Ratio Lower Upper
188 100
94 9.5 8.9 13.3
80 10.3 9.6 14.4

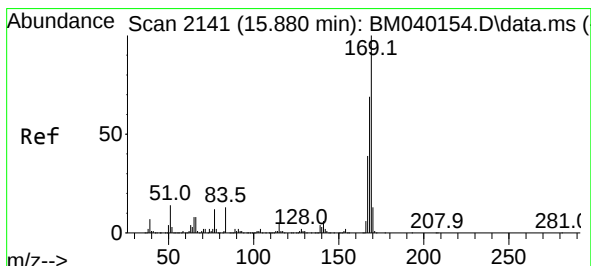
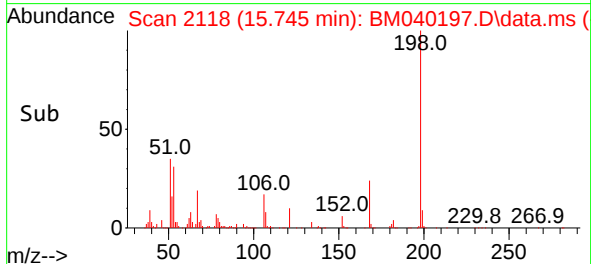
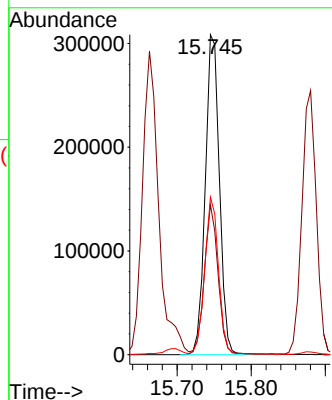
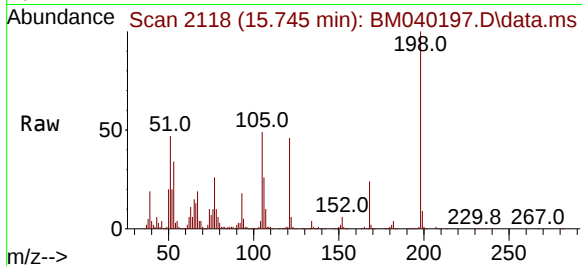




#65
4,6-Dinitro-2-methylphenol
Concen: 35.492 ng
RT: 15.745 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BM040197.D
Acq: 09 Jun 2023 18:32

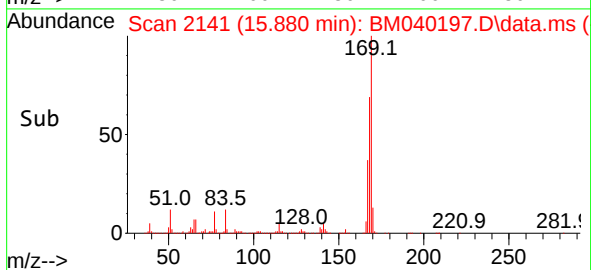
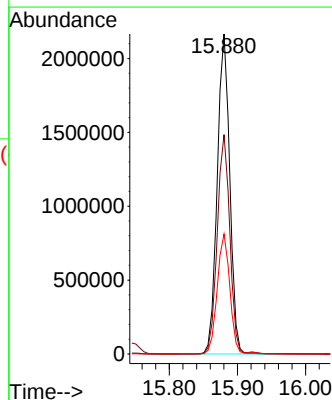
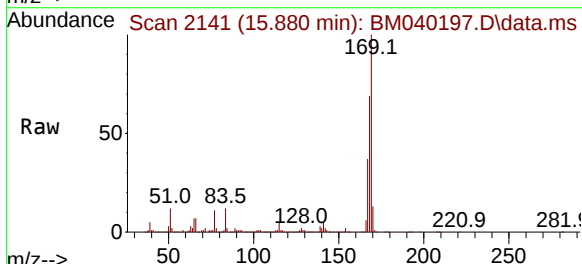
Instrument :
BNA_M
ClientSampleId :
SB30BMS

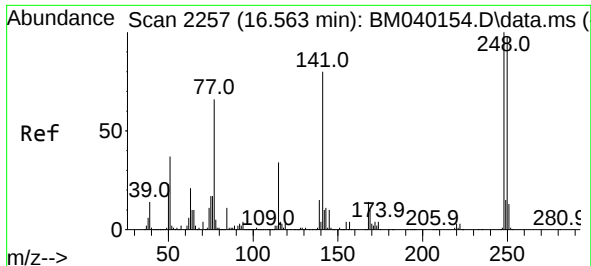
Tgt Ion:198 Resp: 410068
Ion Ratio Lower Upper
198 100
51 46.9 30.6 70.6
105 49.3 32.5 72.5



#66
n-Nitrosodiphenylamine
Concen: 40.907 ng
RT: 15.880 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BM040197.D
Acq: 09 Jun 2023 18:32

Tgt Ion:169 Resp: 2759879
Ion Ratio Lower Upper
169 100
168 68.6 55.6 83.4
167 37.5 31.3 46.9

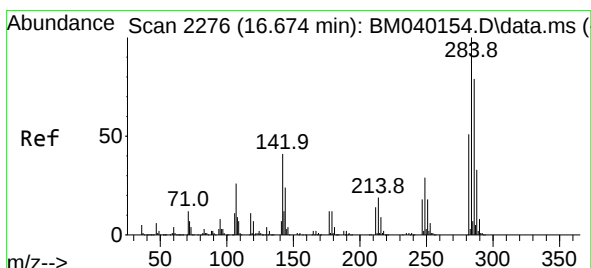
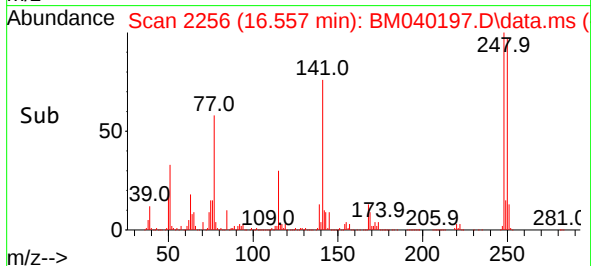
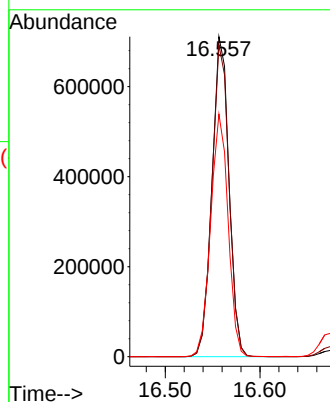
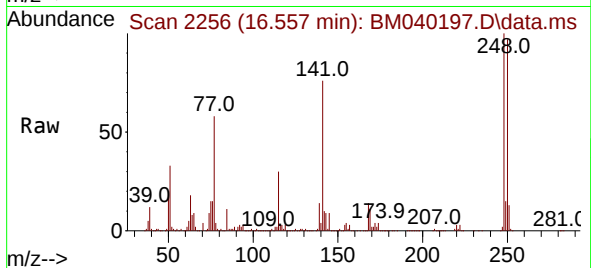




#67
4-Bromophenyl-phenylether
Concen: 42.920 ng
RT: 16.557 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM040197.D
Acq: 09 Jun 2023 18:32

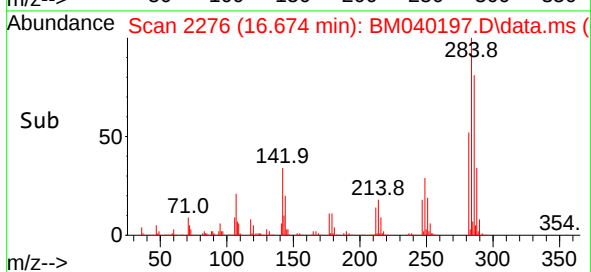
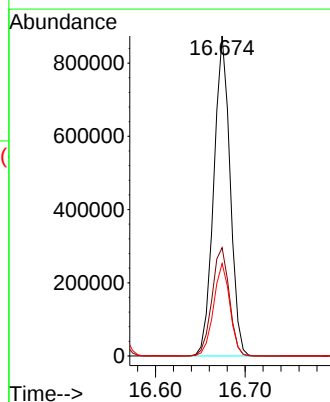
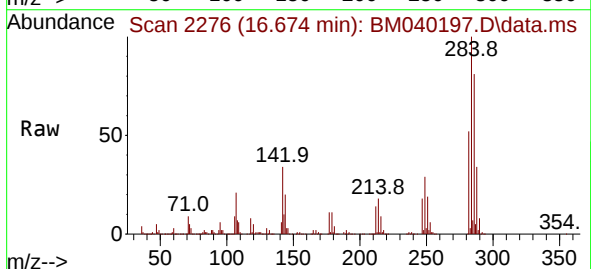
Instrument :
BNA_M
ClientSampleId :
SB30BMS

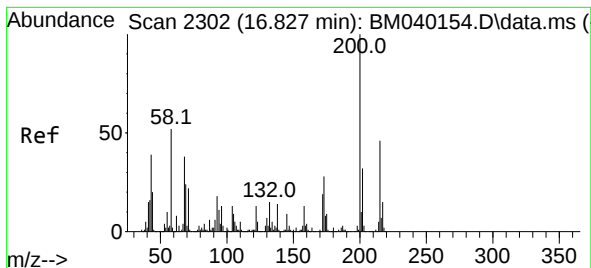
Tgt Ion:248 Resp: 887920
Ion Ratio Lower Upper
248 100
250 97.5 78.1 117.1
141 75.8 64.3 96.5



#68
Hexachlorobenzene
Concen: 46.539 ng
RT: 16.674 min Scan# 2276
Delta R.T. -0.000 min
Lab File: BM040197.D
Acq: 09 Jun 2023 18:32

Tgt Ion:284 Resp: 1104221
Ion Ratio Lower Upper
284 100
142 33.8 32.7 49.1
249 28.9 23.3 34.9





#69

Atrazine

Concen: 51.356 ng

RT: 16.833 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM040197.D

Acq: 09 Jun 2023 18:32

Instrument :

BNA_M

ClientSampleId :

SB30BMS

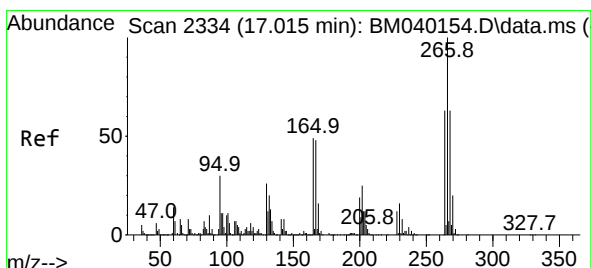
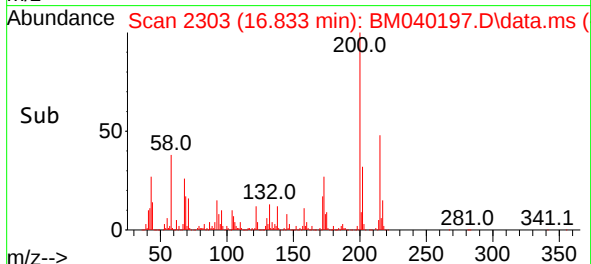
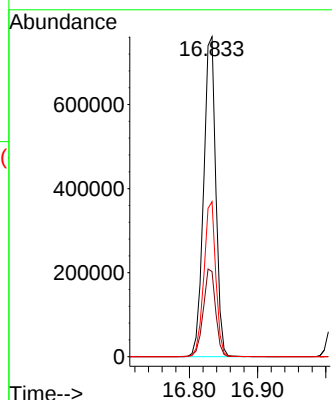
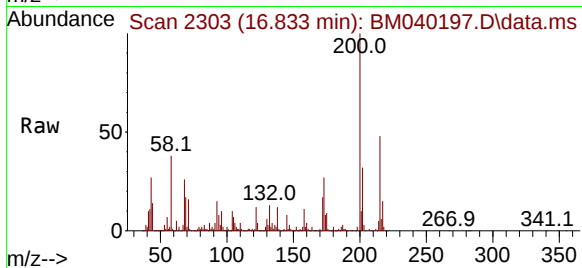
Tgt Ion:200 Resp: 946912

Ion Ratio Lower Upper

200 100

173 26.6 8.1 48.1

215 48.5 25.7 65.7



#70

Pentachlorophenol

Concen: 87.833 ng

RT: 17.021 min Scan# 2335

Delta R.T. 0.006 min

Lab File: BM040197.D

Acq: 09 Jun 2023 18:32

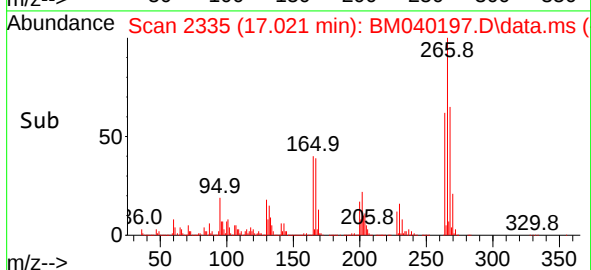
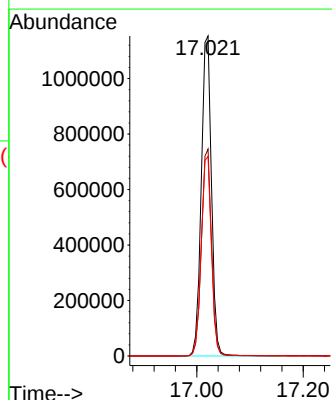
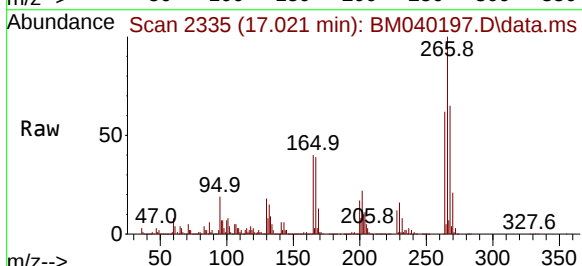
Tgt Ion:266 Resp: 1529782

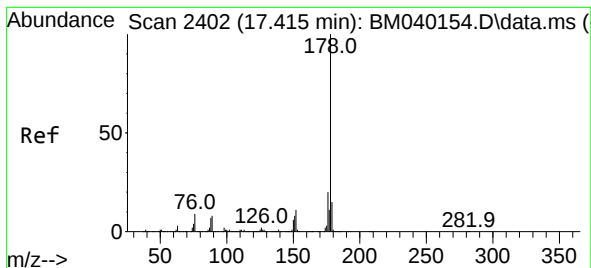
Ion Ratio Lower Upper

266 100

268 64.7 50.4 75.6

264 62.4 50.1 75.1





#71

Phenanthrene

Concen: 41.646 ng

RT: 17.410 min Scan# 2402

Delta R.T. -0.005 min

Lab File: BM040197.D

Acq: 09 Jun 2023 18:32

Instrument :

BNA_M

ClientSampleId :

SB30BMS

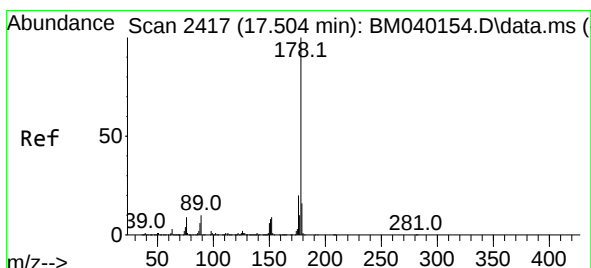
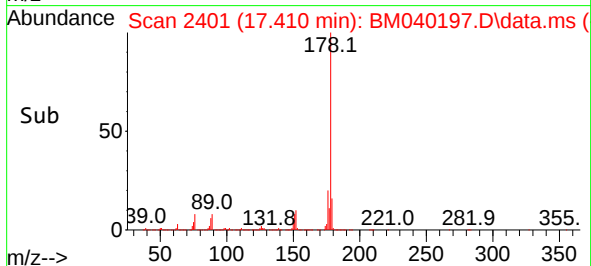
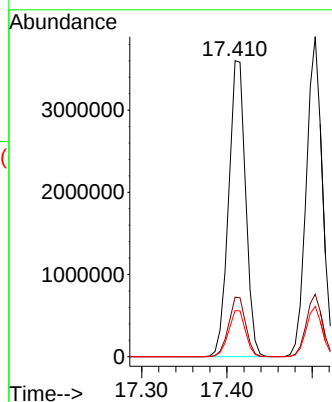
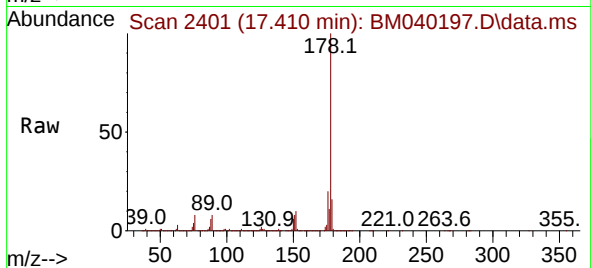
Tgt Ion:178 Resp: 4998317

Ion Ratio Lower Upper

178 100

176 20.1 16.4 24.6

179 15.6 12.3 18.5



#72

Anthracene

Concen: 42.289 ng

RT: 17.504 min Scan# 2417

Delta R.T. -0.000 min

Lab File: BM040197.D

Acq: 09 Jun 2023 18:32

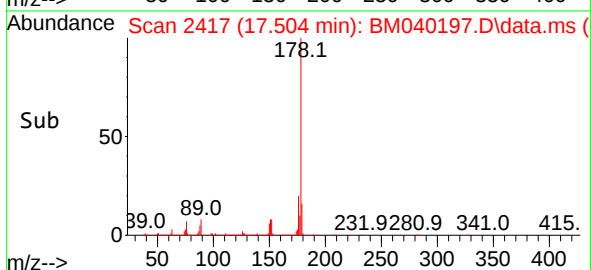
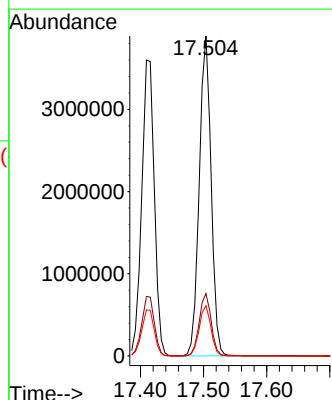
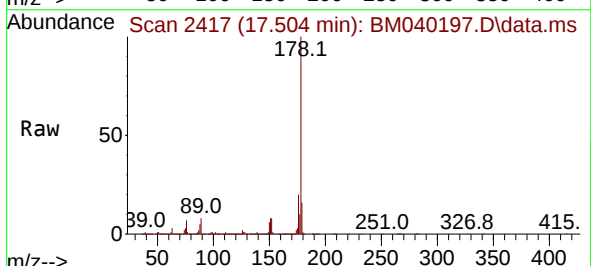
Tgt Ion:178 Resp: 5063478

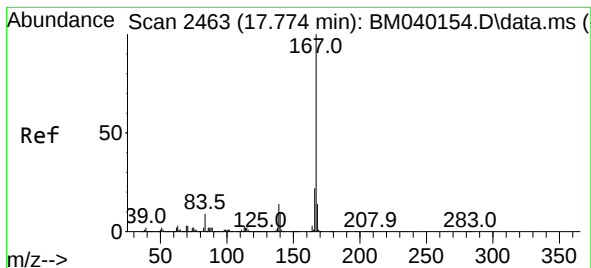
Ion Ratio Lower Upper

178 100

176 19.5 16.0 24.0

179 15.7 12.6 19.0





#73

Carbazole

Concen: 43.235 ng

RT: 17.774 min Scan# 2463

Delta R.T. -0.000 min

Lab File: BM040197.D

Acq: 09 Jun 2023 18:32

Instrument :

BNA_M

ClientSampleId :

SB30BMS

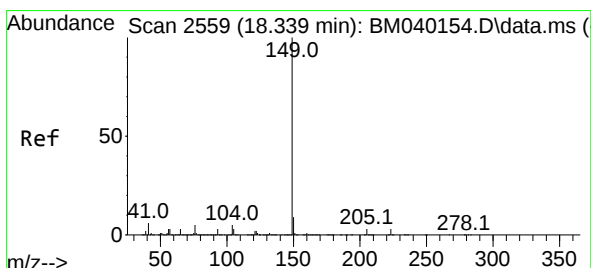
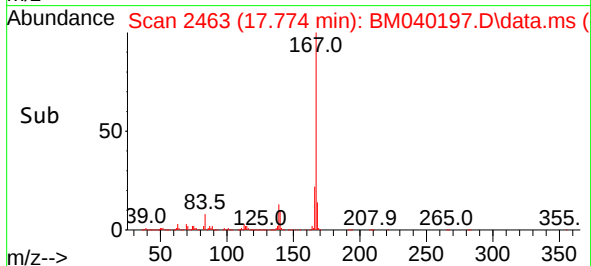
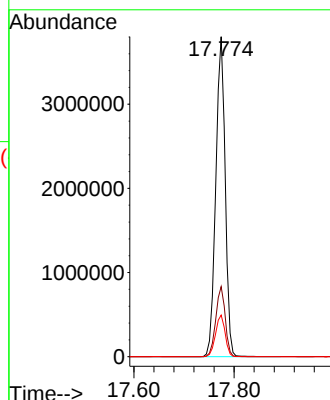
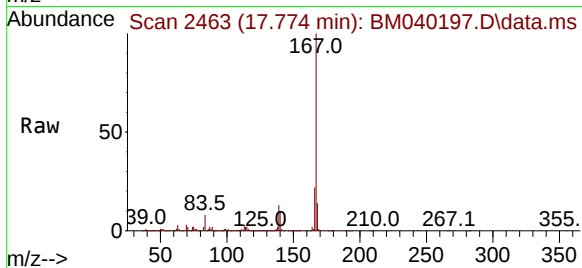
Tgt Ion:167 Resp: 4937766

Ion Ratio Lower Upper

167 100

166 21.9 17.8 26.8

139 13.0 11.0 16.4



#74

Di-n-butylphthalate

Concen: 45.798 ng

RT: 18.333 min Scan# 2558

Delta R.T. -0.006 min

Lab File: BM040197.D

Acq: 09 Jun 2023 18:32

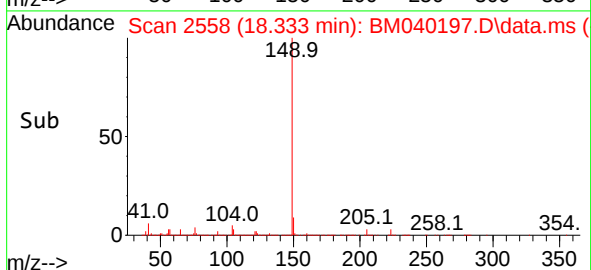
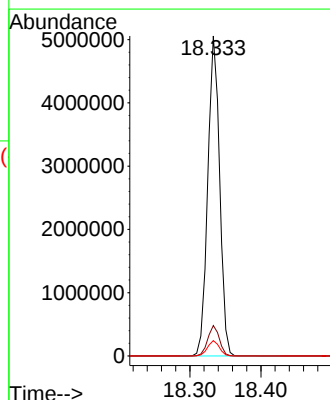
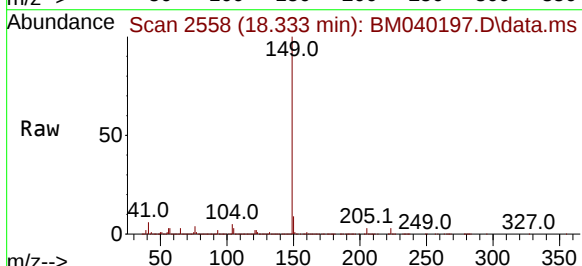
Tgt Ion:149 Resp: 5866077

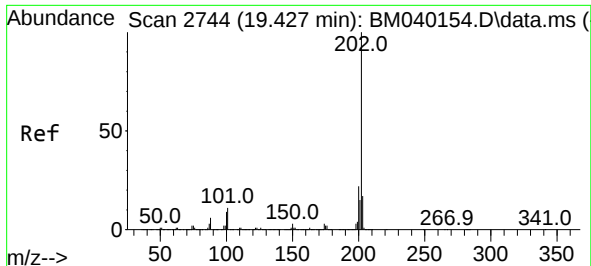
Ion Ratio Lower Upper

149 100

150 9.5 7.3 10.9

104 4.8 4.1 6.1

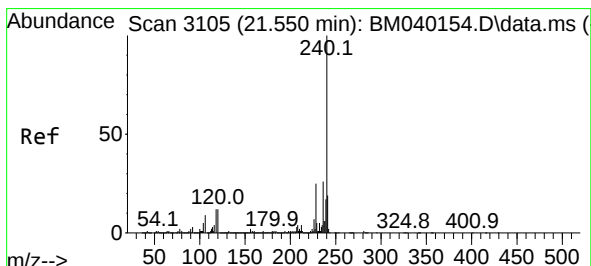
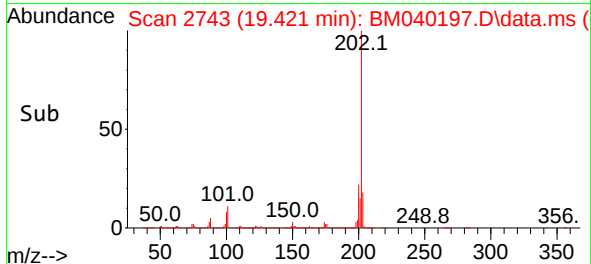
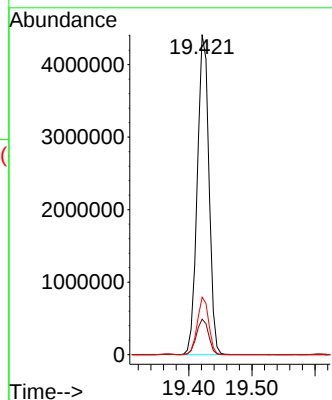
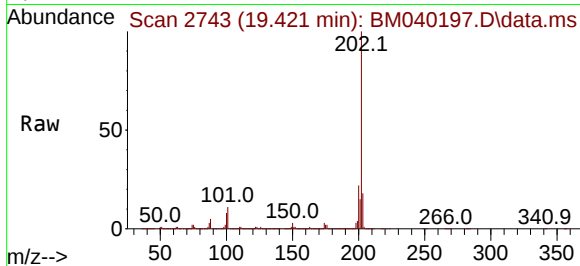




#75
Fluoranthene
Concen: 44.302 ng
RT: 19.421 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM040197.D
Acq: 09 Jun 2023 18:32

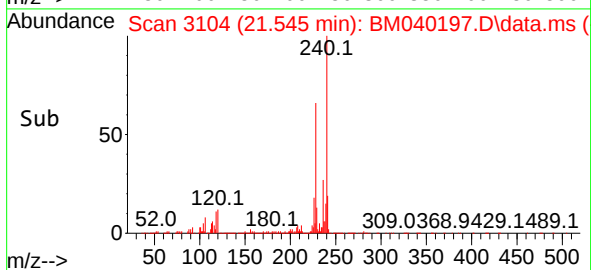
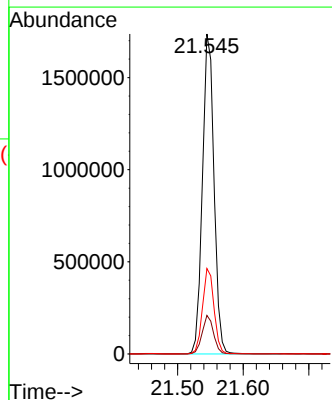
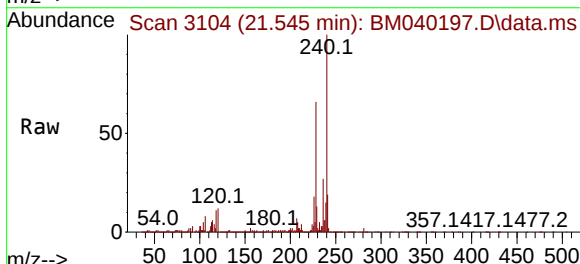
Instrument :
BNA_M
ClientSampleId :
SB30BMS

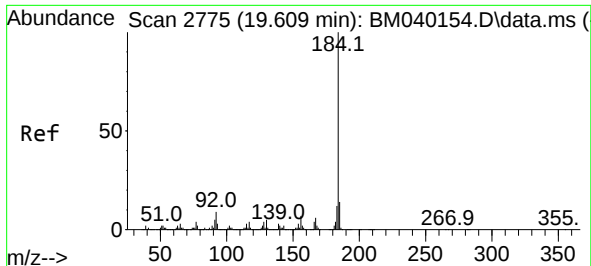
Tgt Ion:202 Resp: 5642467
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.4
203 18.0 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.545 min Scan# 3104
Delta R.T. -0.006 min
Lab File: BM040197.D
Acq: 09 Jun 2023 18:32

Tgt Ion:240 Resp: 2140484
Ion Ratio Lower Upper
240 100
120 12.0 9.9 14.9
236 26.7 21.1 31.7

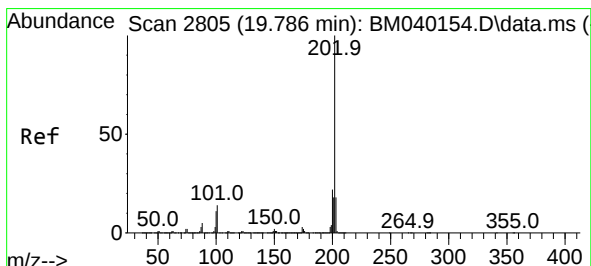
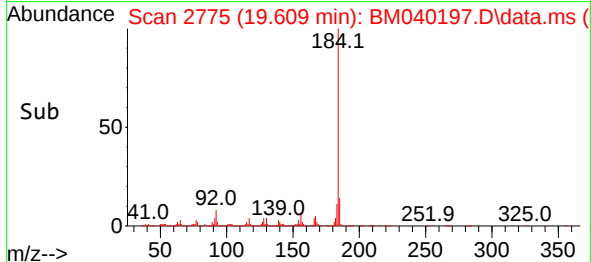
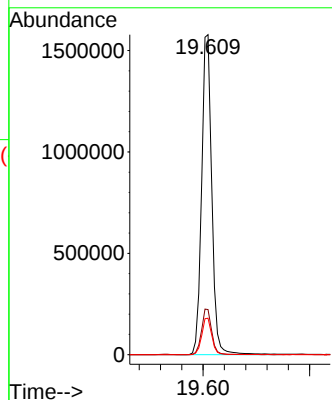
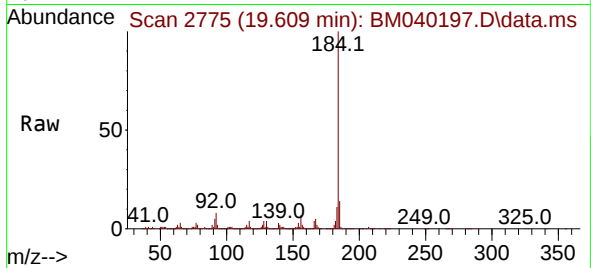




#77
Benzidine
Concen: 51.971 ng
RT: 19.609 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM040197.D
Acq: 09 Jun 2023 18:32

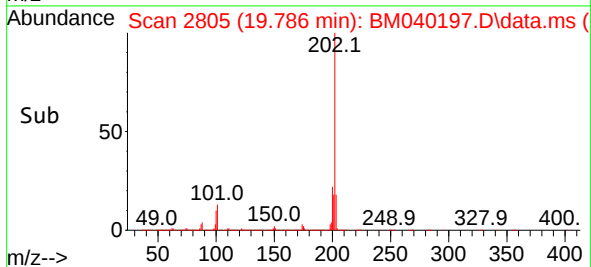
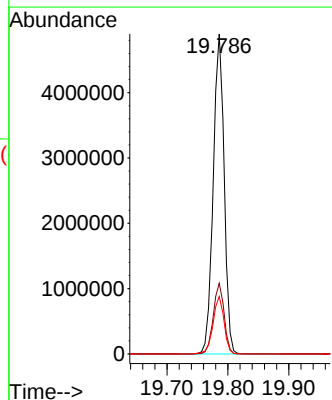
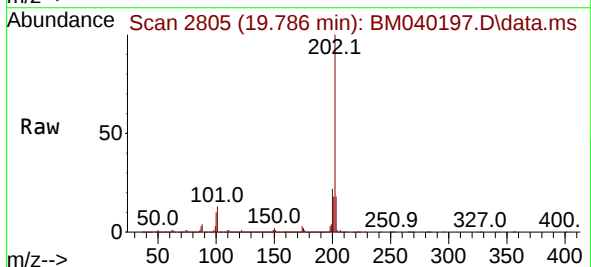
Instrument :
BNA_M
ClientSampleId :
SB30BMS

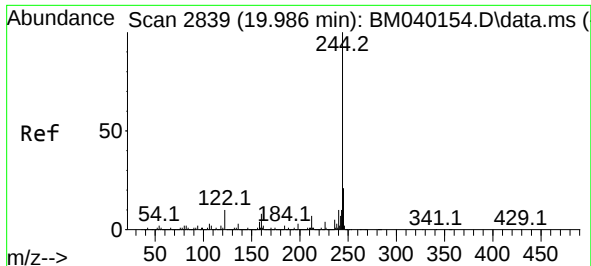
Tgt Ion:184 Resp: 2089206
Ion Ratio Lower Upper
184 100
185 14.1 11.6 17.4
183 11.4 9.4 14.0



#78
Pyrene
Concen: 42.772 ng
RT: 19.786 min Scan# 2805
Delta R.T. -0.000 min
Lab File: BM040197.D
Acq: 09 Jun 2023 18:32

Tgt Ion:202 Resp: 6104970
Ion Ratio Lower Upper
202 100
200 22.1 17.8 26.8
203 18.0 14.4 21.6

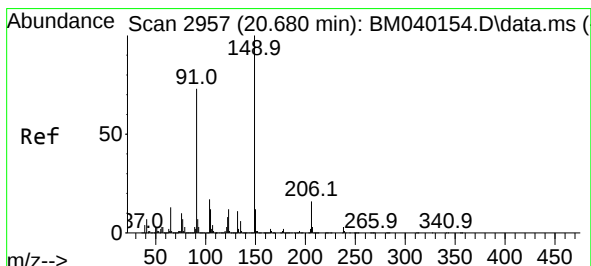
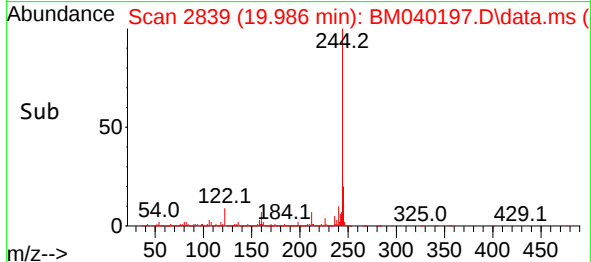
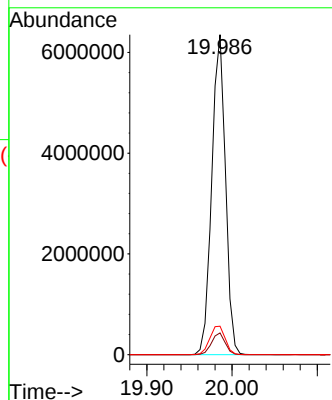
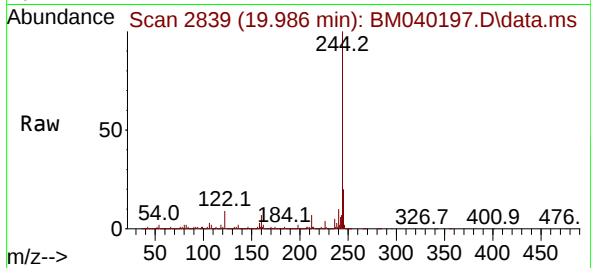




#79
 Terphenyl-d14
 Concen: 61.250 ng
 RT: 19.986 min Scan# 2839
 Delta R.T. -0.000 min
 Lab File: BM040197.D
 Acq: 09 Jun 2023 18:32

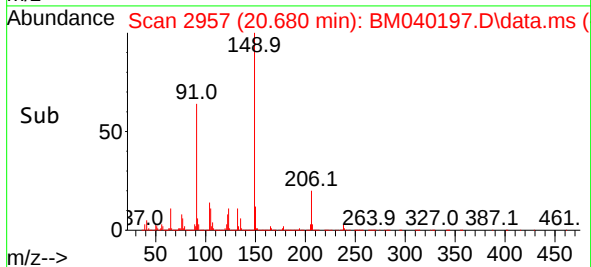
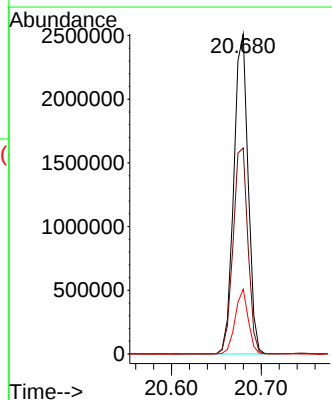
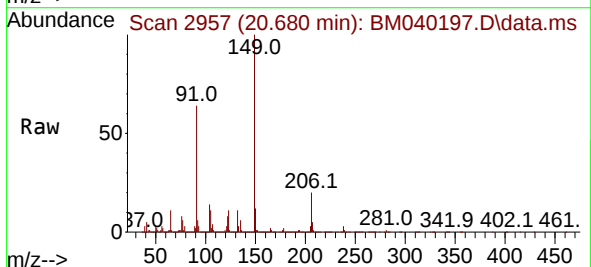
Instrument :
 BNA_M
 ClientSampleId :
 SB30BMS

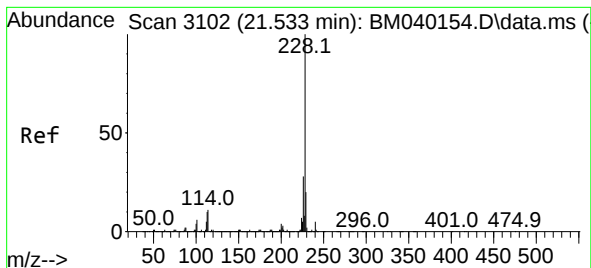
Tgt Ion:244 Resp: 7112056
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 8.9 7.9 11.9



#80
 Butylbenzylphthalate
 Concen: 48.202 ng
 RT: 20.680 min Scan# 2957
 Delta R.T. -0.000 min
 Lab File: BM040197.D
 Acq: 09 Jun 2023 18:32

Tgt Ion:149 Resp: 2780797
 Ion Ratio Lower Upper
 149 100
 91 64.4 58.3 87.5
 206 20.3 13.2 19.8#





#81

Benzo(a)anthracene

Concen: 44.310 ng

RT: 21.533 min Scan# 3102

Delta R.T. -0.000 min

Lab File: BM040197.D

Acq: 09 Jun 2023 18:32

Instrument :

BNA_M

ClientSampleId :

SB30BMS

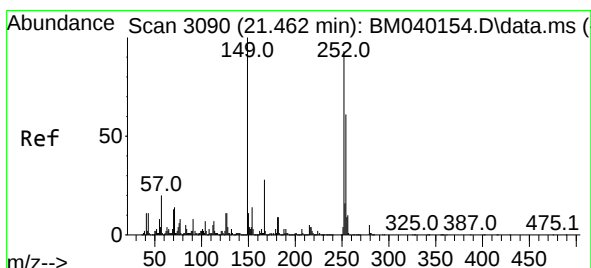
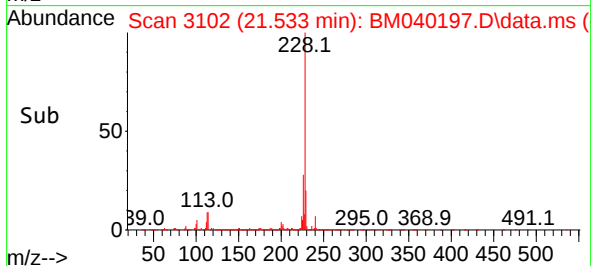
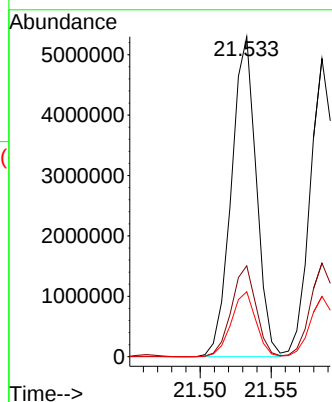
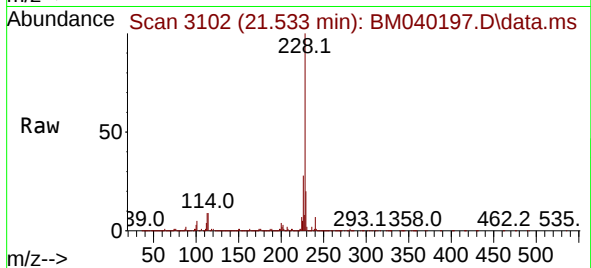
Tgt Ion:228 Resp: 6467717

Ion Ratio Lower Upper

228 100

226 28.4 22.5 33.7

229 20.3 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 49.590 ng

RT: 21.462 min Scan# 3090

Delta R.T. -0.000 min

Lab File: BM040197.D

Acq: 09 Jun 2023 18:32

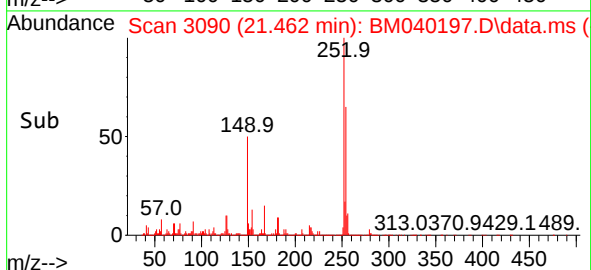
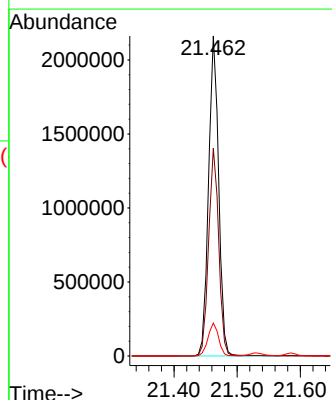
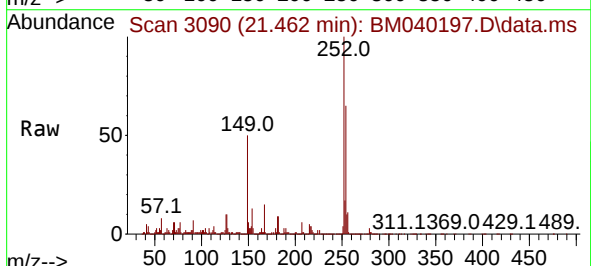
Tgt Ion:252 Resp: 2405650

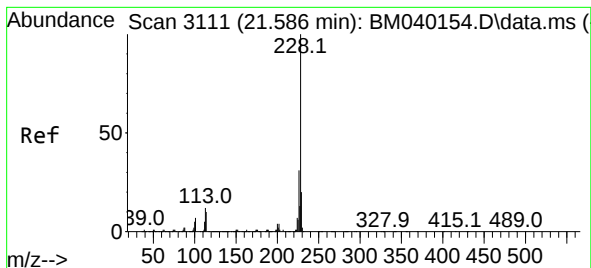
Ion Ratio Lower Upper

252 100

254 64.9 52.2 78.2

126 10.3 9.5 14.3





#83

Chrysene

Concen: 42.151 ng

RT: 21.586 min Scan# 3111

Delta R.T. -0.000 min

Lab File: BM040197.D

Acq: 09 Jun 2023 18:32

Instrument :

BNA_M

ClientSampleId :

SB30BMS

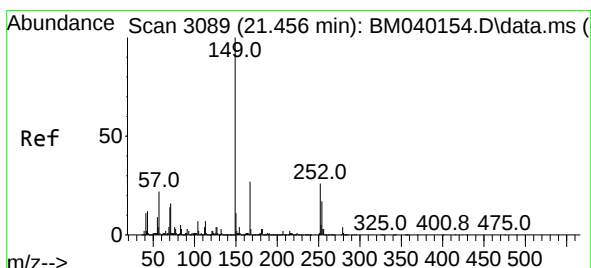
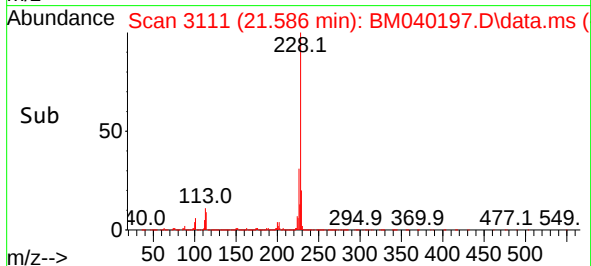
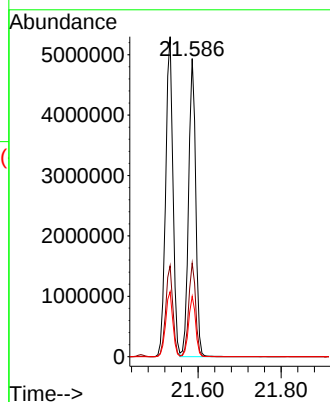
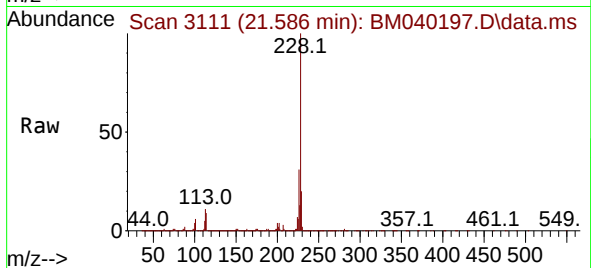
Tgt Ion:228 Resp: 5828361

Ion Ratio Lower Upper

228 100

226 31.4 24.9 37.3

229 20.3 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.137 ng

RT: 21.450 min Scan# 3088

Delta R.T. -0.006 min

Lab File: BM040197.D

Acq: 09 Jun 2023 18:32

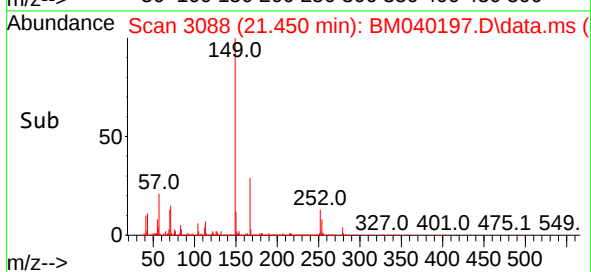
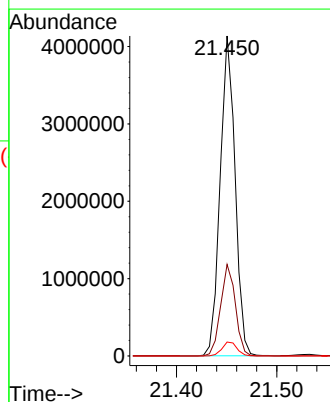
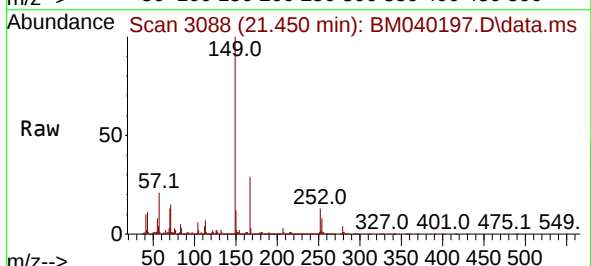
Tgt Ion:149 Resp: 4271492

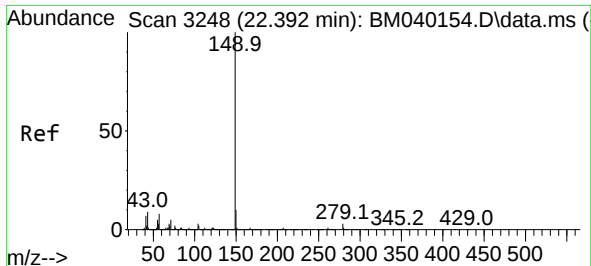
Ion Ratio Lower Upper

149 100

167 28.6 21.7 32.5

279 4.4 3.3 4.9

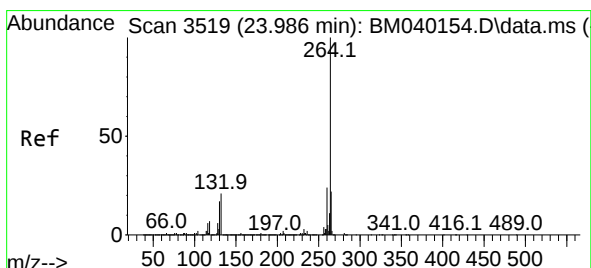
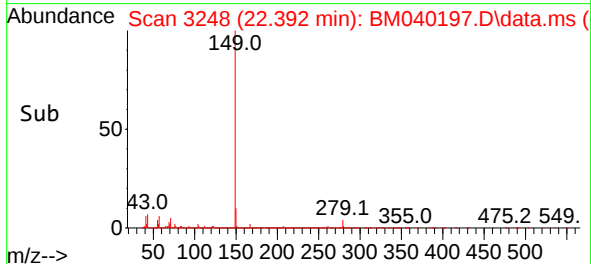
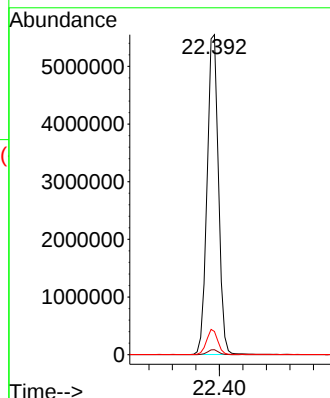
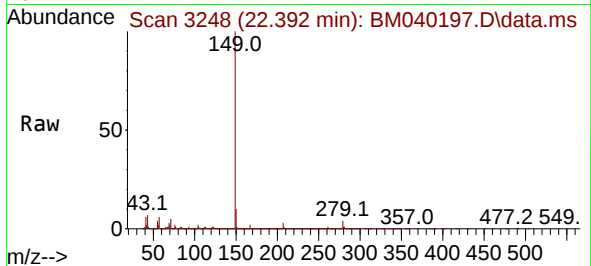




#85
Di-n-octyl phthalate
Concen: 53.598 ng
RT: 22.392 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM040197.D
Acq: 09 Jun 2023 18:32

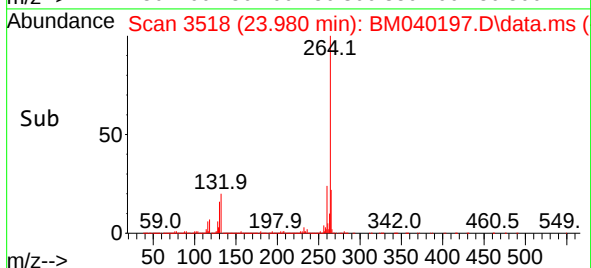
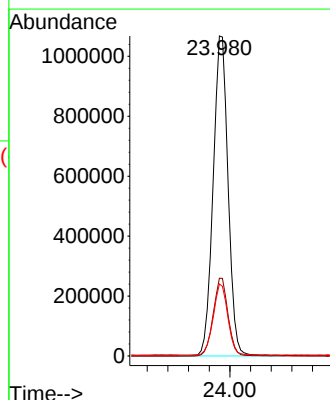
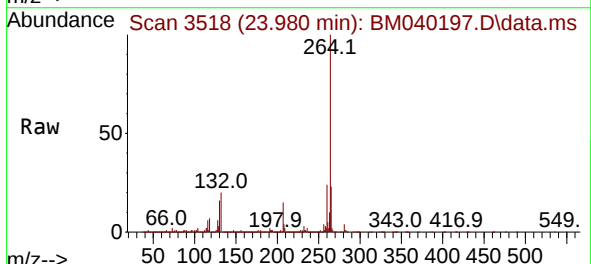
Instrument :
BNA_M
ClientSampleId :
SB30BMS

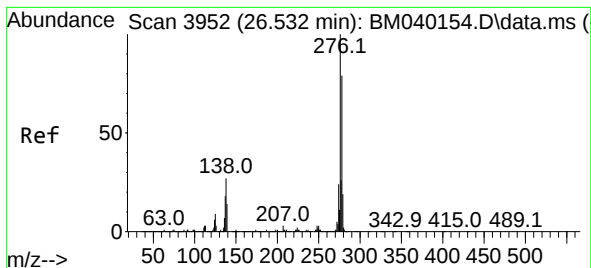
Tgt Ion:149 Resp: 7415247
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 7.8 7.4 11.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.980 min Scan# 3518
Delta R.T. -0.006 min
Lab File: BM040197.D
Acq: 09 Jun 2023 18:32

Tgt Ion:264 Resp: 2140716
Ion Ratio Lower Upper
264 100
260 24.3 19.1 28.7
265 22.5 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.314 ng

RT: 26.527 min Scan# 3951

Delta R.T. -0.006 min

Lab File: BM040197.D

Acq: 09 Jun 2023 18:32

Instrument :

BNA_M

ClientSampleId :

SB30BMS

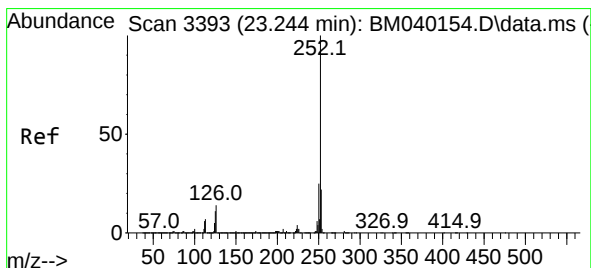
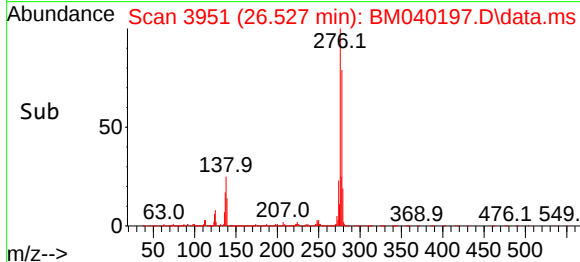
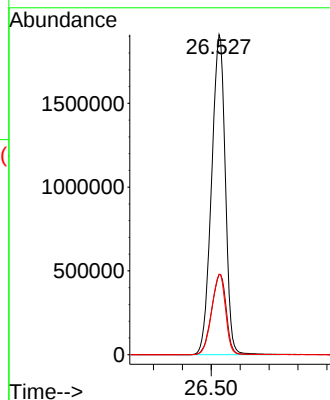
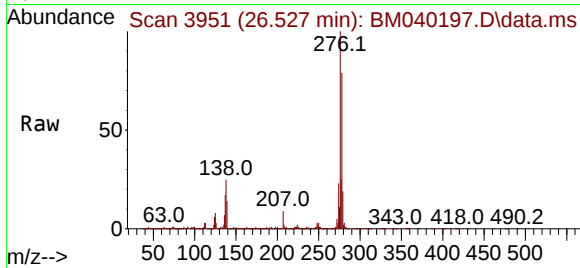
Tgt Ion:276 Resp: 6310321

Ion Ratio Lower Upper

276 100

138 26.7 23.0 34.4

277 25.3 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 47.948 ng

RT: 23.244 min Scan# 3393

Delta R.T. -0.000 min

Lab File: BM040197.D

Acq: 09 Jun 2023 18:32

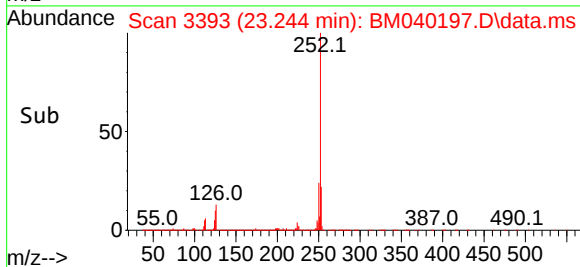
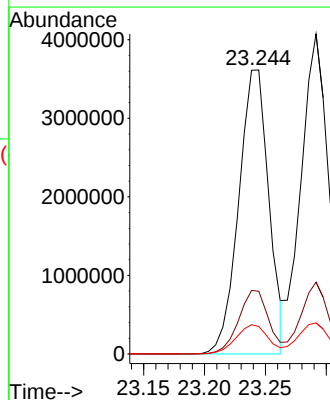
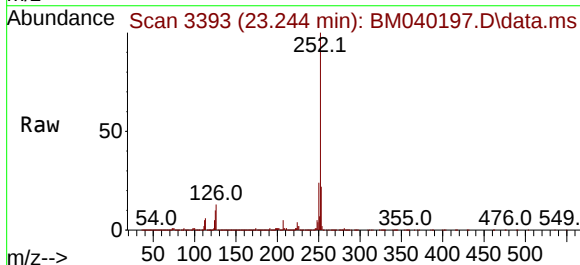
Tgt Ion:252 Resp: 6216520

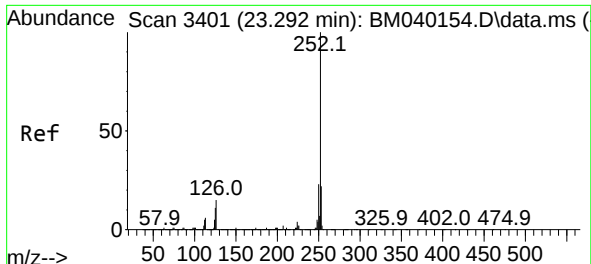
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 9.7 8.6 13.0

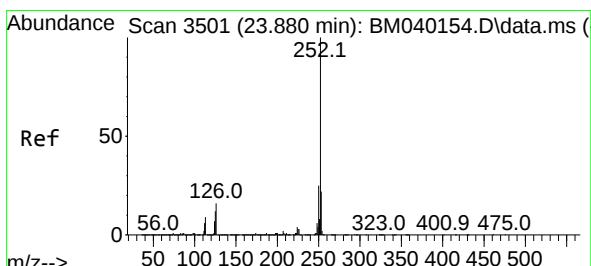
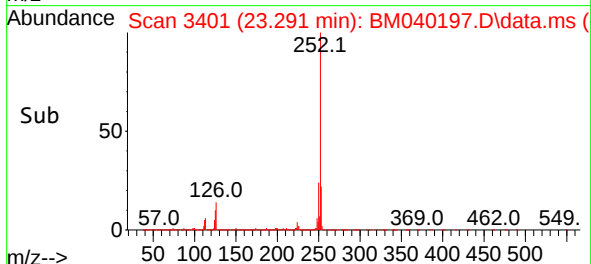
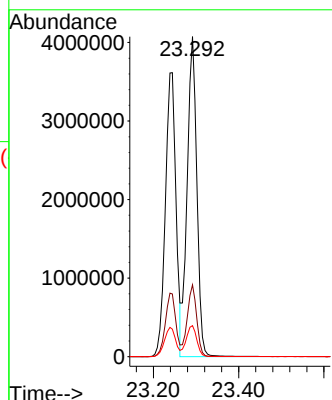
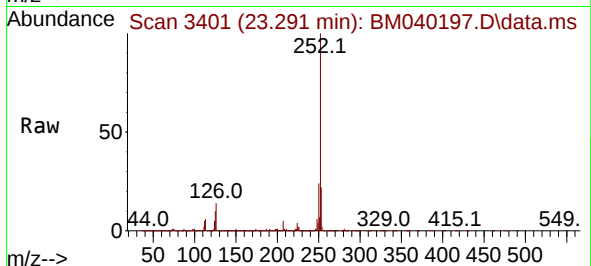




#89
Benzo(k)fluoranthene
Concen: 47.406 ng
RT: 23.291 min Scan# 34
Delta R.T. -0.000 min
Lab File: BM040197.D
Acq: 09 Jun 2023 18:32

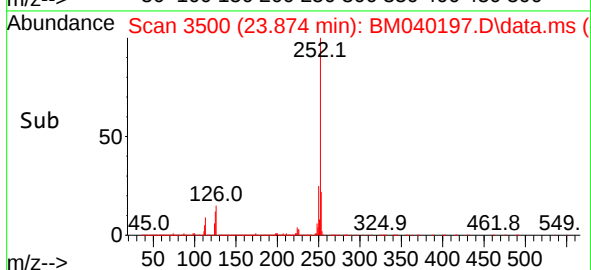
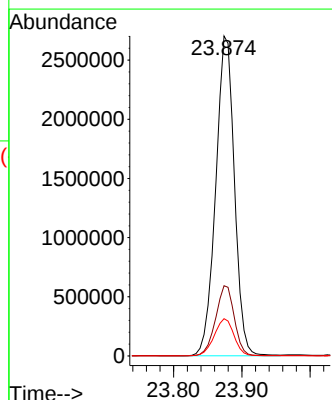
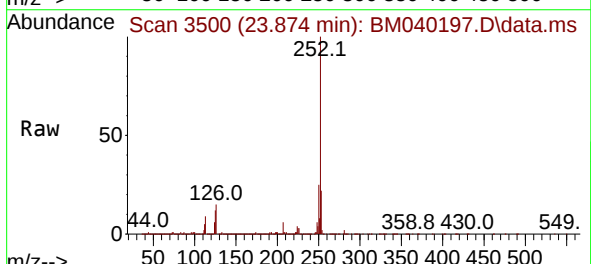
Instrument :
BNA_M
ClientSampleId :
SB30BMS

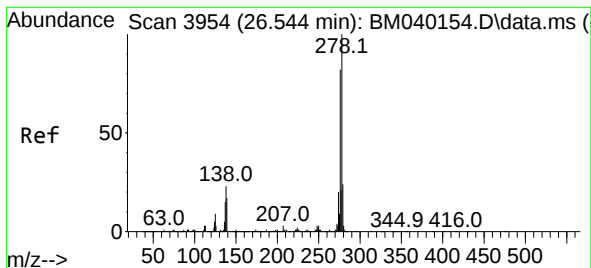
Tgt Ion:252 Resp: 6423687
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 9.7 9.0 13.4



#90
Benzo(a)pyrene
Concen: 41.750 ng
RT: 23.874 min Scan# 3500
Delta R.T. -0.006 min
Lab File: BM040197.D
Acq: 09 Jun 2023 18:32

Tgt Ion:252 Resp: 5169313
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 11.7 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 39.140 ng

RT: 26.538 min Scan# 3954

Delta R.T. -0.006 min

Lab File: BM040197.D

Acq: 09 Jun 2023 18:32

Instrument :

BNA_M

ClientSampleId :

SB30BMS

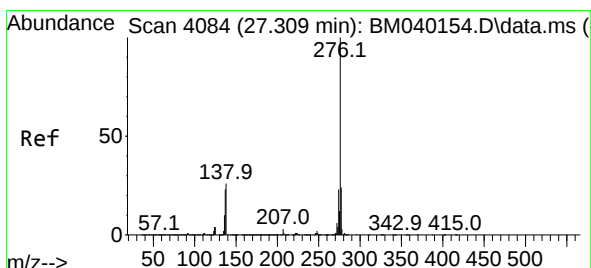
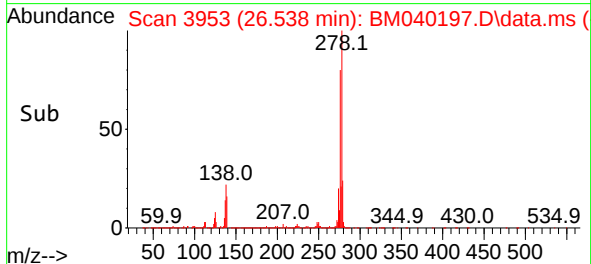
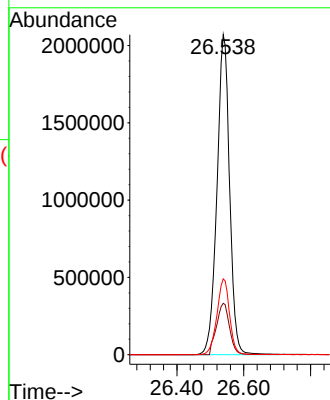
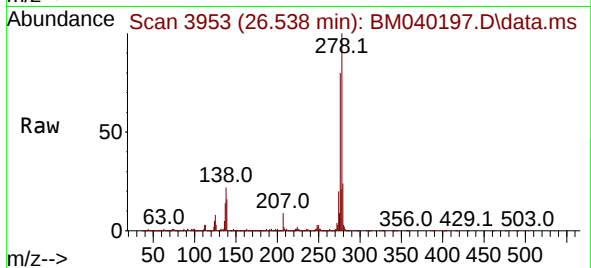
Tgt Ion:278 Resp: 5423342

Ion Ratio Lower Upper

278 100

139 16.0 13.7 20.5

279 23.7 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 37.876 ng

RT: 27.303 min Scan# 4083

Delta R.T. -0.006 min

Lab File: BM040197.D

Acq: 09 Jun 2023 18:32

Tgt Ion:276 Resp: 4508275

Ion Ratio Lower Upper

276 100

277 24.4 19.1 28.7

138 23.9 20.7 31.1

