

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032324\
 Data File : BM044737.D
 Acq On : 22 Mar 2024 16:37
 Operator : MA/JU
 Sample : PB159733BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB159733BSD

Quant Time: Mar 22 17:19:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 02:28:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	209726	20.000	ng	-0.02
21) Naphthalene-d8	10.463	136	791462	20.000	ng	-0.02
39) Acenaphthene-d10	14.328	164	400496	20.000	ng	-0.02
64) Phenanthrene-d10	17.086	188	769275	20.000	ng	-0.02
76) Chrysene-d12	21.286	240	646485	20.000	ng	-0.02
86) Perylene-d12	23.527	264	708950	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	1825736	124.989	ng	0.00
7) Phenol-d6	6.875	99	2177200	115.857	ng	0.00
23) Nitrobenzene-d5	8.851	82	1370143	83.399	ng	-0.01
42) 2,4,6-Tribromophenol	15.833	330	602739	136.449	ng	-0.01
45) 2-Fluorobiphenyl	12.951	172	2524376	86.808	ng	-0.02
79) Terphenyl-d14	19.727	244	3181763	86.097	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.299	88	211824	34.501	ng	97
3) Pyridine	3.681	79	527713	31.081	ng	97
4) n-Nitrosodimethylamine	3.611	42	293847	43.185	ng	88
6) Aniline	7.034	93	346172	15.554	ng	97
8) 2-Chlorophenol	7.257	128	648914	44.601	ng	99
9) Benzaldehyde	6.852	77	241580	24.545	ng	100
10) Phenol	6.899	94	796655	42.448	ng	95
11) bis(2-Chloroethyl)ether	7.134	93	645596	42.131	ng	99
12) 1,3-Dichlorobenzene	7.575	146	694811	44.414	ng	98
13) 1,4-Dichlorobenzene	7.722	146	705324	44.734	ng	99
14) 1,2-Dichlorobenzene	8.034	146	671765	44.676	ng	99
15) Benzyl Alcohol	7.940	79	536688	43.440	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.210	45	912579	42.955	ng	99
17) 2-Methylphenol	8.134	107	505584	39.500	ng	98
18) Hexachloroethane	8.746	117	270718	46.444	ng	97
19) n-Nitroso-di-n-propyla...	8.498	70	415718	36.224	ng	95
20) 3+4-Methylphenols	8.463	107	690747	39.990	ng	100
22) Acetophenone	8.516	105	908626	43.698	ng	# 97
24) Nitrobenzene	8.893	77	698464	43.009	ng	100
25) Isophorone	9.410	82	1236526	43.623	ng	99
26) 2-Nitrophenol	9.593	139	324625	46.324	ng	97
27) 2,4-Dimethylphenol	9.651	122	448930	36.429	ng	97
28) bis(2-Chloroethoxy)met...	9.898	93	783412	41.619	ng	100
29) 2,4-Dichlorophenol	10.116	162	533527	45.424	ng	99
30) 1,2,4-Trichlorobenzene	10.328	180	562345	45.005	ng	99
31) Naphthalene	10.516	128	1832094	42.179	ng	100
32) Benzoic acid	9.810	122	376075	38.974	ng	98
33) 4-Chloroaniline	10.640	127	314179	17.241	ng	99
34) Hexachlorobutadiene	10.781	225	321468	46.143	ng	99
35) Caprolactam	11.451	113	100204	26.448	ng	97
36) 4-Chloro-3-methylphenol	11.769	107	543049	42.135	ng	98
37) 2-Methylnaphthalene	12.134	142	1174728	39.846	ng	98
38) 1-Methylnaphthalene	12.351	142	1108759	40.353	ng	99
40) 1,2,4,5-Tetrachloroben...	12.504	216	550848	48.468	ng	98
41) Hexachlorocyclopentadiene	12.469	237	668256	103.212	ng	99
43) 2,4,6-Trichlorophenol	12.751	196	372475	48.536	ng	99

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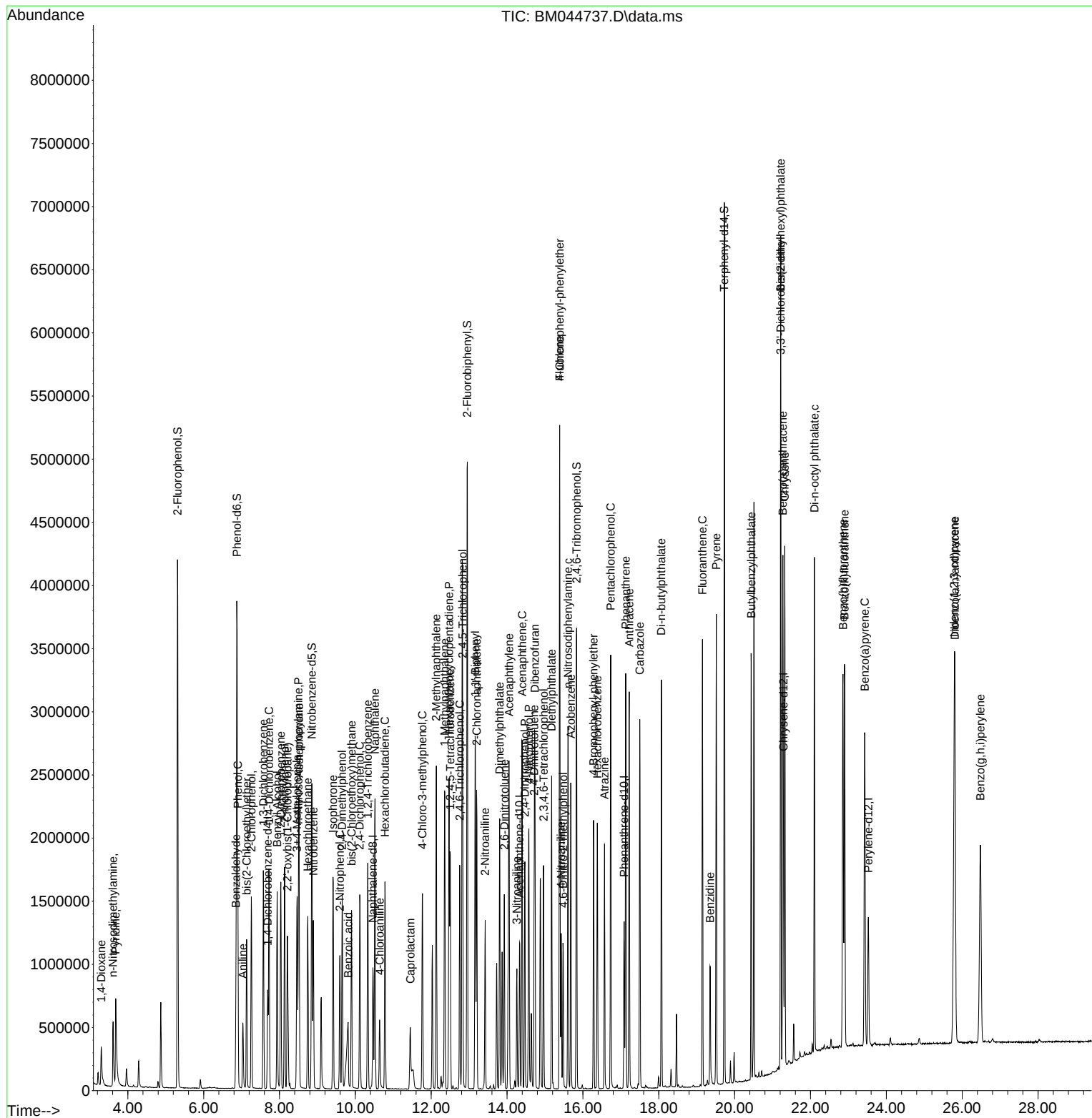
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.828	196	395568	43.501	ng	# 95
46) 1,1'-Biphenyl	13.163	154	1434164	45.786	ng	99
47) 2-Chloronaphthalene	13.198	162	1099508	47.469	ng	98
48) 2-Nitroaniline	13.422	65	363293	46.225	ng	100
49) Acenaphthylene	14.051	152	1785570	47.322	ng	100
50) Dimethylphthalate	13.804	163	1300818	43.424	ng	100
51) 2,6-Dinitrotoluene	13.928	165	283436	45.436	ng	99
52) Acenaphthene	14.398	154	1003218	43.982	ng	99
53) 3-Nitroaniline	14.257	138	232210	31.789	ng	100
54) 2,4-Dinitrophenol	14.469	184	342869	83.783	ng	96
55) Dibenzofuran	14.733	168	1568170	43.318	ng	98
56) 4-Nitrophenol	14.575	139	550019	91.682	ng	94
57) 2,4-Dinitrotoluene	14.716	165	378238	46.404	ng	93
58) Fluorene	15.386	166	1235579	43.828	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.963	232	320876	45.450	ng	99
60) Diethylphthalate	15.175	149	1320882	43.558	ng	99
61) 4-Chlorophenyl-phenyle...	15.386	204	590122	43.604	ng	99
62) 4-Nitroaniline	15.427	138	294731	40.392	ng	96
63) Azobenzene	15.680	77	1375861	43.892	ng	98
65) 4,6-Dinitro-2-methylph...	15.480	198	209173	43.358	ng	97
66) n-Nitrosodiphenylamine	15.610	169	1053180	43.928	ng	98
67) 4-Bromophenyl-phenylether	16.280	248	350230	44.015	ng	96
68) Hexachlorobenzene	16.380	284	401255	47.439	ng	98
69) Atrazine	16.569	200	295701	39.470	ng	98
70) Pentachlorophenol	16.733	266	548095	90.085	ng	98
71) Phenanthrene	17.127	178	1834796	43.160	ng	100
72) Anthracene	17.221	178	1866616	43.779	ng	100
73) Carbazole	17.498	167	1768145	44.031	ng	99
74) Di-n-butylphthalate	18.068	149	2287133	44.201	ng	99
75) Fluoranthene	19.151	202	2042748	42.985	ng	98
77) Benzidine	19.357	184	573160	34.303	ng	99
78) Pyrene	19.515	202	2135496	45.070	ng	100
80) Butylbenzylphthalate	20.439	149	1001424	46.896	ng	96
81) Benzo(a)anthracene	21.268	228	2042812	45.414	ng	99
82) 3,3'-Dichlorobenzidine	21.209	252	596800	38.522	ng	99
83) Chrysene	21.321	228	1887974	43.923	ng	99
84) Bis(2-ethylhexyl)phtha...	21.215	149	1475462	45.863	ng	99
85) Di-n-octyl phthalate	22.103	149	2545106	45.609	ng	100
87) Indeno(1,2,3-cd)pyrene	25.791	276	2367291	46.190	ng	99
88) Benzo(b)fluoranthene	22.856	252	2112426	50.703	ng	99
89) Benzo(k)fluoranthene	22.898	252	1910593	44.608	ng	99
90) Benzo(a)pyrene	23.433	252	1854783	45.643	ng	98
91) Dibenzo(a,h)anthracene	25.809	278	1985254	45.948	ng	98
92) Benzo(g,h,i)perylene	26.480	276	1902997	44.743	ng	97

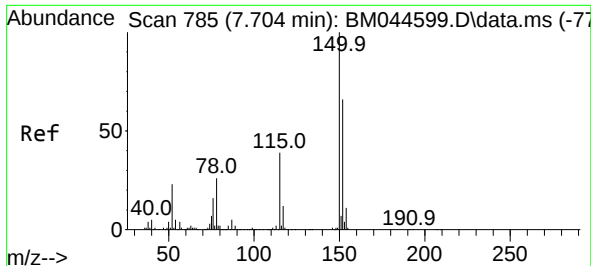
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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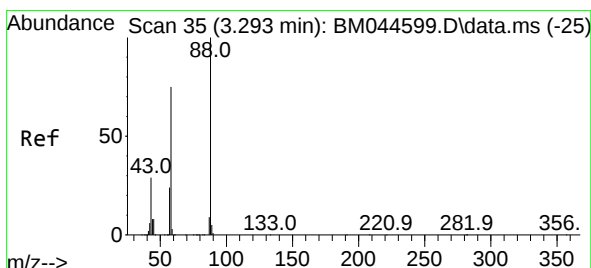
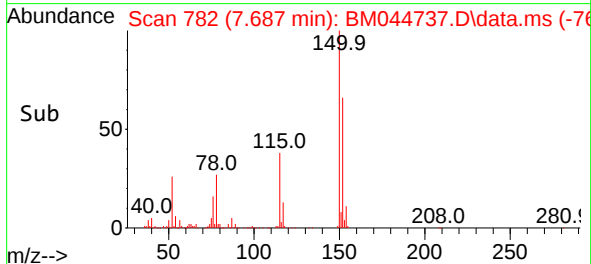
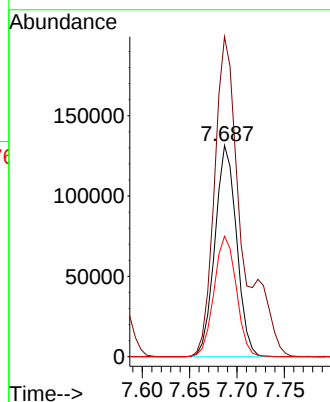
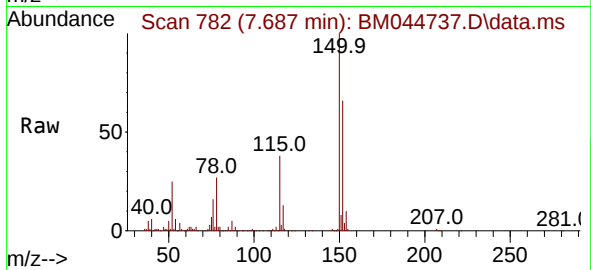




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.687 min Scan# 71
 Delta R.T. -0.017 min
 Lab File: BM044737.D
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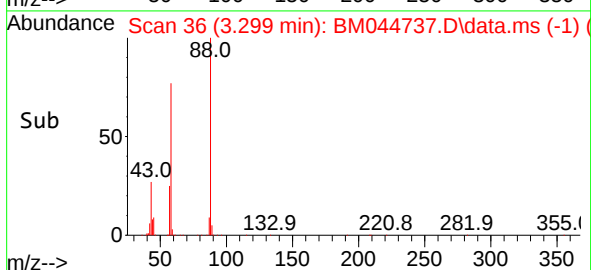
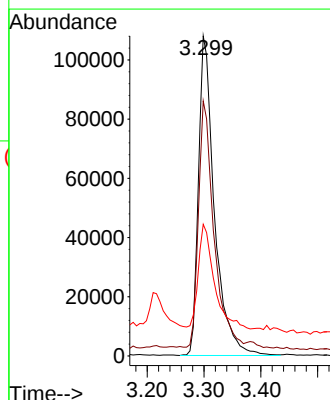
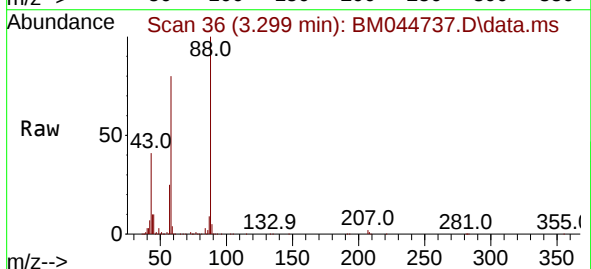
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 ClientSampleId :
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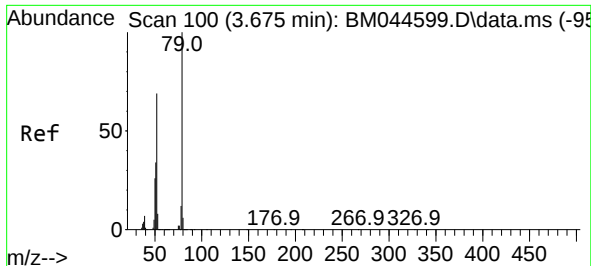
Tgt Ion:152 Resp: 209726
 Ion Ratio Lower Upper
 152 100
 150 151.5 121.9 182.9
 115 57.0 47.1 70.7



#2
 1,4-Dioxane
 Concen: 34.501 ng
 RT: 3.299 min Scan# 36
 Delta R.T. 0.006 min
 Lab File: BM044737.D
 Acq: 22 Mar 2024 16:37

Tgt Ion: 88 Resp: 211824
 Ion Ratio Lower Upper
 88 100
 58 73.8 60.2 90.2
 43 32.3 23.5 35.3

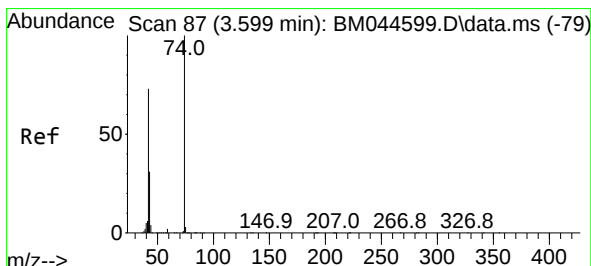
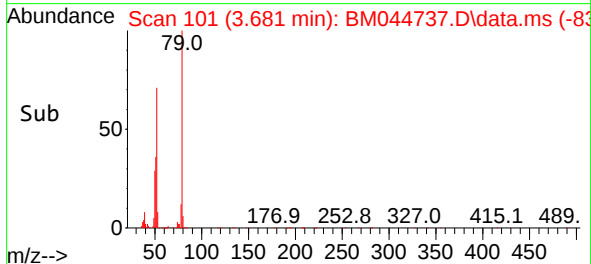
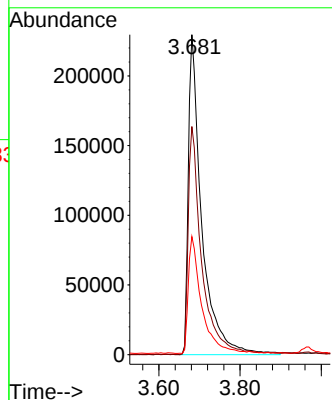
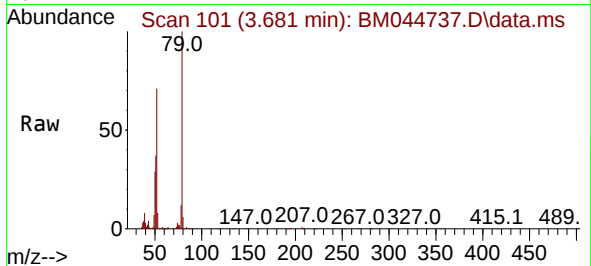




#3
Pyridine
Concen: 31.081 ng
RT: 3.681 min Scan# 10
Delta R.T. 0.006 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

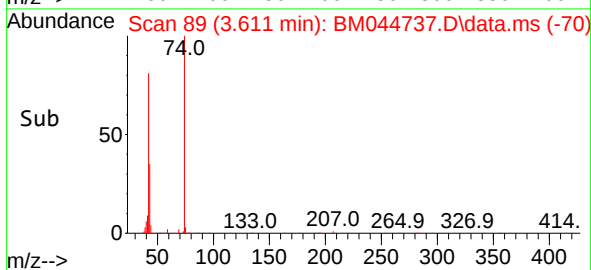
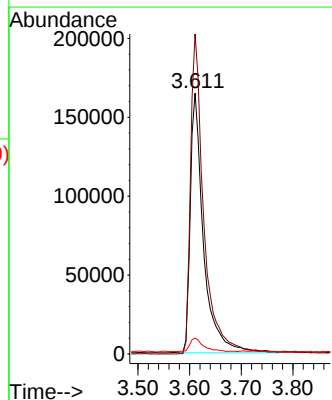
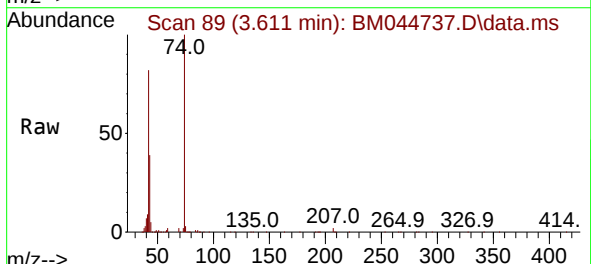
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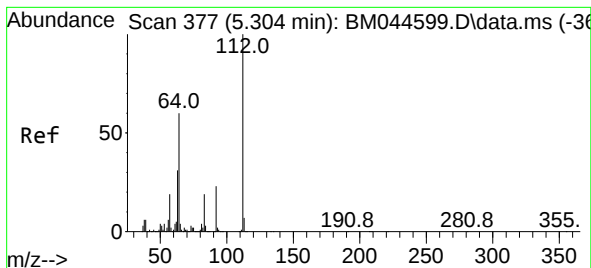
Tgt Ion: 79 Resp: 527713
Ion Ratio Lower Upper
79 100
52 71.3 55.5 83.3
51 36.9 27.7 41.5



#4
n-Nitrosodimethylamine
Concen: 43.185 ng
RT: 3.611 min Scan# 89
Delta R.T. 0.012 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

Tgt Ion: 42 Resp: 293847
Ion Ratio Lower Upper
42 100
74 122.7 109.7 164.5
44 6.1 5.4 8.0

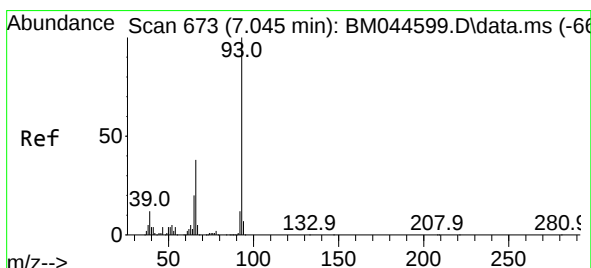
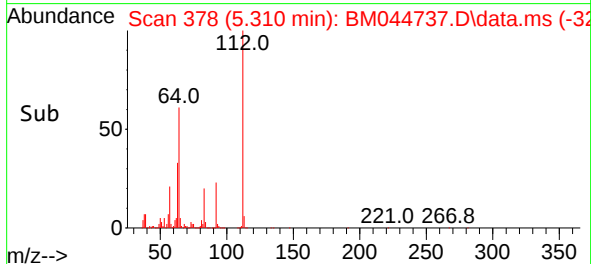
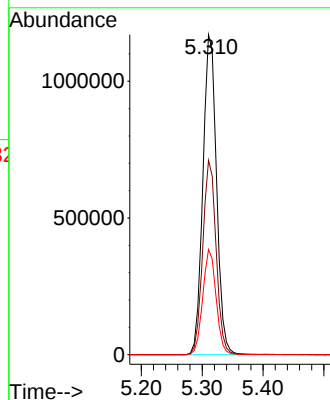
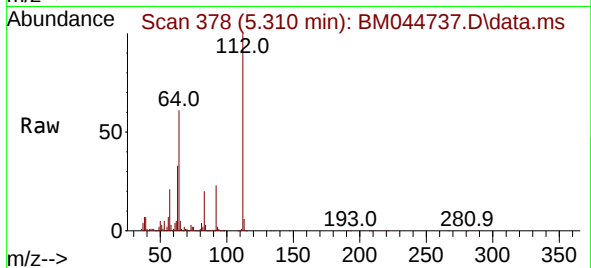




#5
2-Fluorophenol
Concen: 124.989 ng
RT: 5.310 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

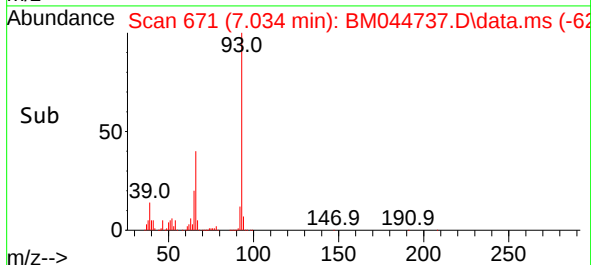
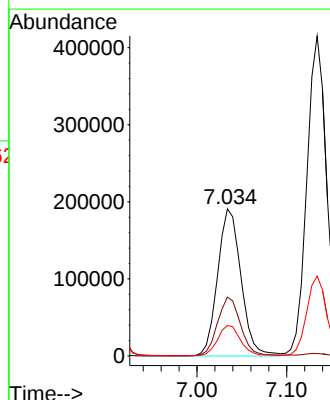
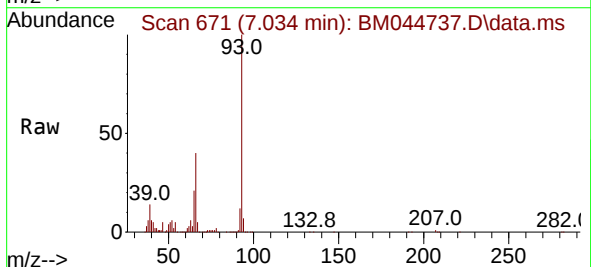
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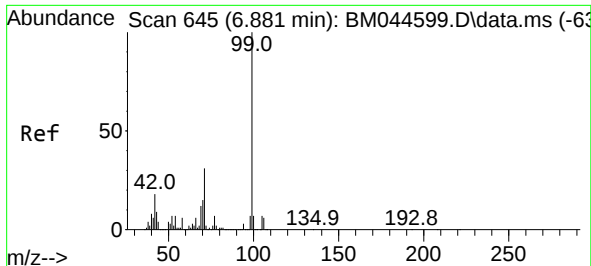
Tgt Ion:112 Resp: 1825736
Ion Ratio Lower Upper
112 100
64 60.7 47.9 71.9
63 32.9 25.0 37.4



#6
Aniline
Concen: 15.554 ng
RT: 7.034 min Scan# 671
Delta R.T. -0.012 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

Tgt Ion: 93 Resp: 346172
Ion Ratio Lower Upper
93 100
66 40.0 30.3 45.5
65 20.6 15.7 23.5



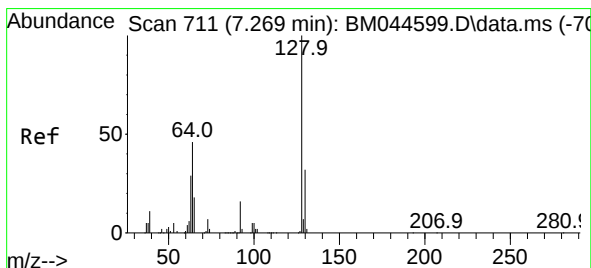
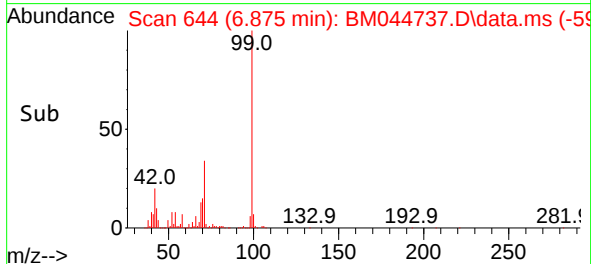
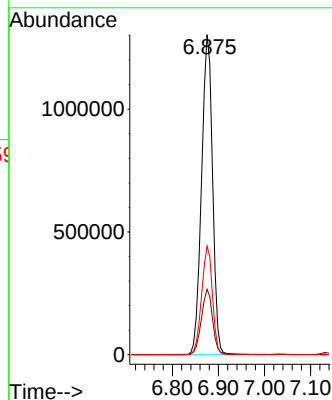
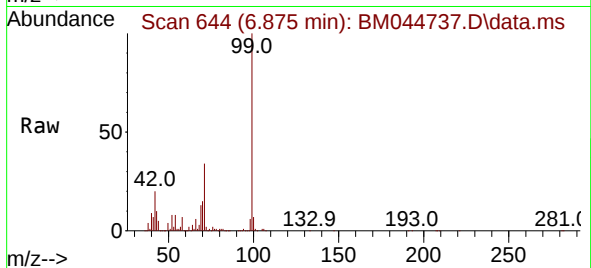


#7
Phenol-d6
Concen: 115.857 ng
RT: 6.875 min Scan# 645
Delta R.T. -0.006 min
Lab File: BM044737.D
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Instrument :
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Tgt Ion: 99 Resp: 2177200

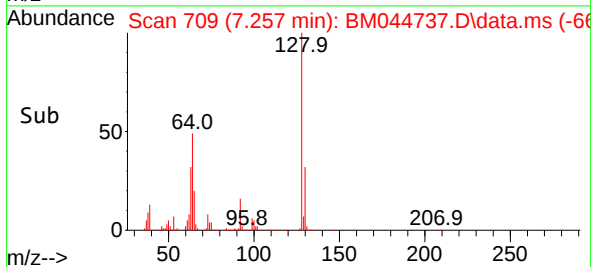
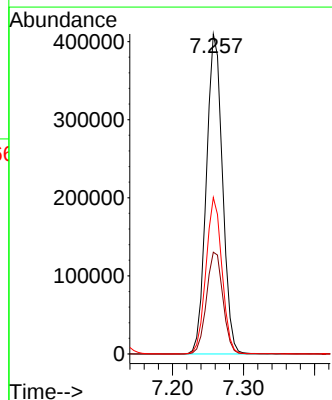
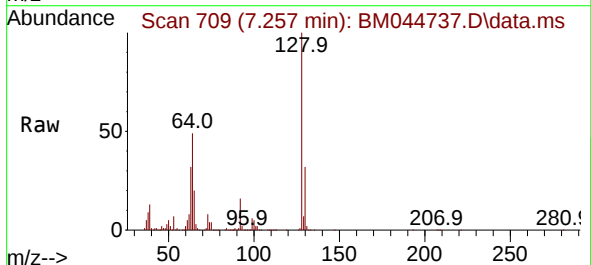
Ion	Ratio	Lower	Upper
99	100		
42	20.4	14.3	21.5
71	33.9	24.5	36.7

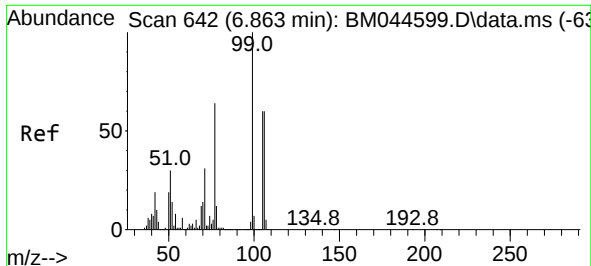


#8
2-Chlorophenol
Concen: 44.601 ng
RT: 7.257 min Scan# 709
Delta R.T. -0.012 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

Tgt Ion: 128 Resp: 648914

Ion	Ratio	Lower	Upper
128	100		
130	31.8	12.4	52.4
64	48.9	29.4	69.4

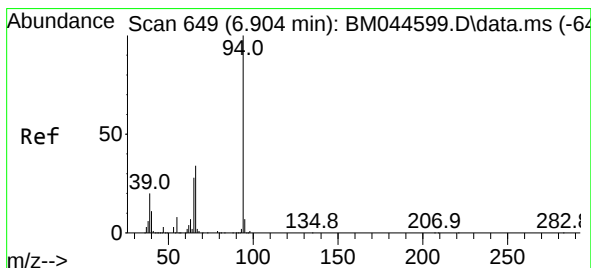
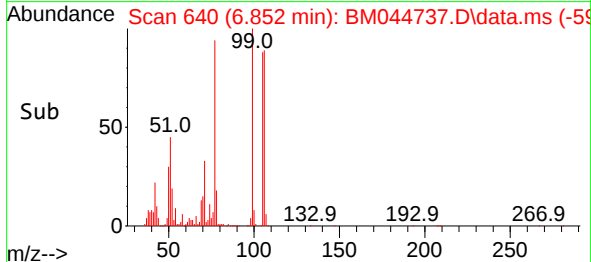
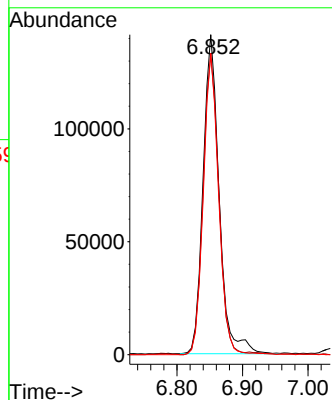
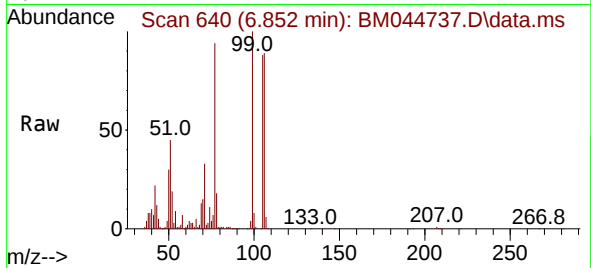




#9
Benzaldehyde
Concen: 24.545 ng
RT: 6.852 min Scan# 642
Delta R.T. -0.012 min
Lab File: BM044737.D
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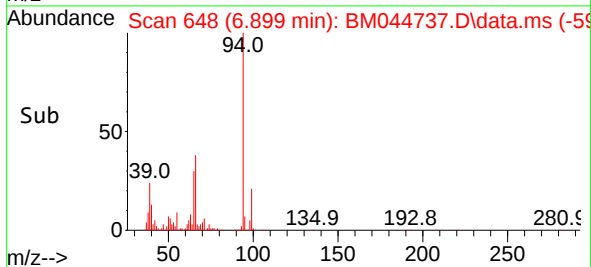
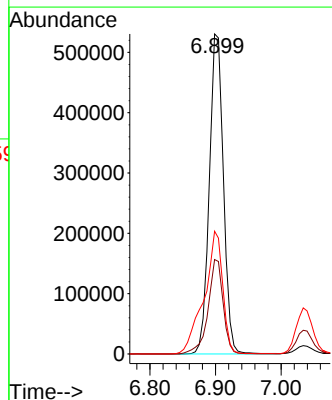
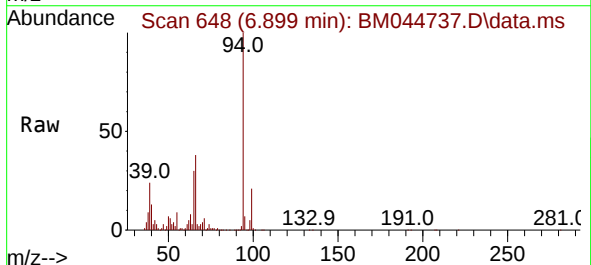
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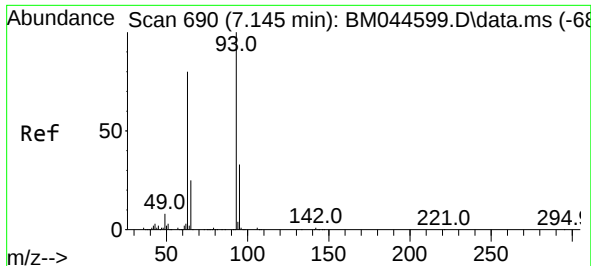
Tgt Ion: 77 Resp: 241580
Ion Ratio Lower Upper
77 100
105 93.9 74.4 114.4
106 94.2 74.1 114.1



#10
Phenol
Concen: 42.448 ng
RT: 6.899 min Scan# 648
Delta R.T. -0.006 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

Tgt Ion: 94 Resp: 796655
Ion Ratio Lower Upper
94 100
65 29.5 7.9 47.9
66 38.4 14.7 54.7

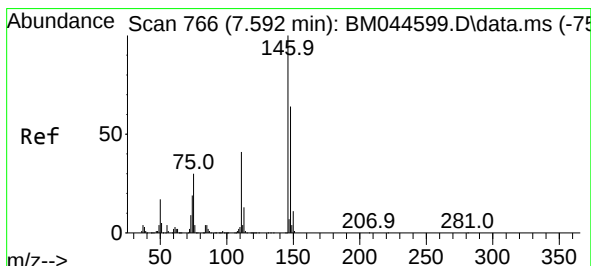
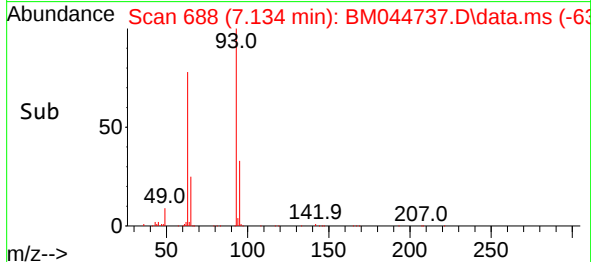
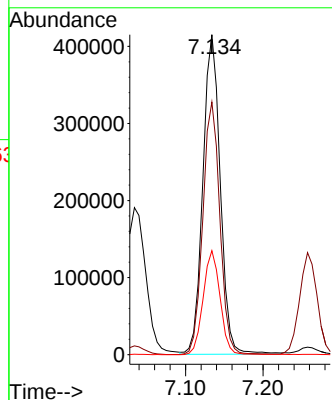
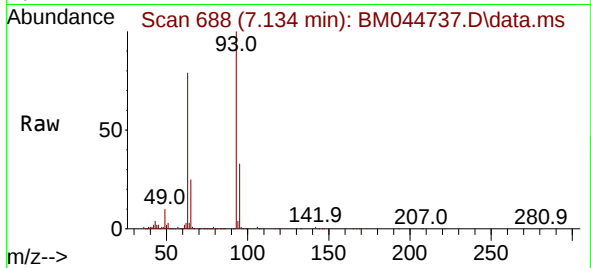




#11
bis(2-Chloroethyl)ether
Concen: 42.131 ng
RT: 7.134 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

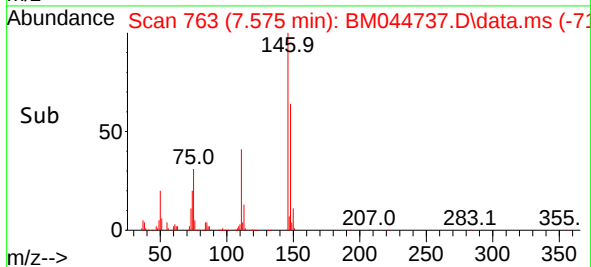
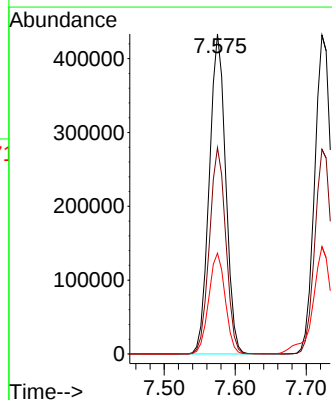
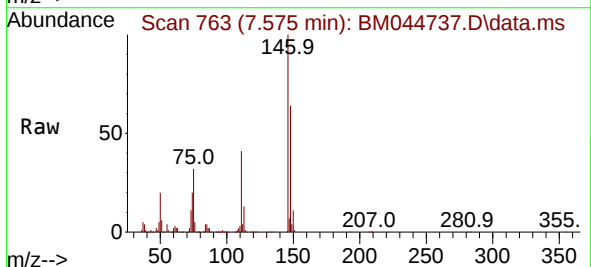
Instrument :
BNA_M
ClientSampleId :
PB159733BSD

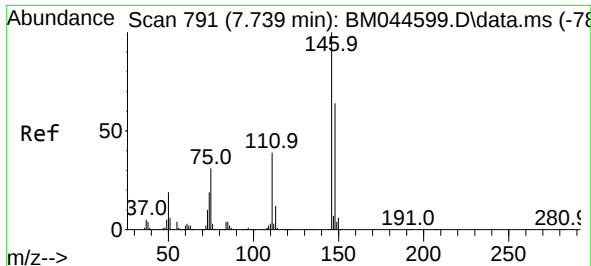
Tgt Ion: 93 Resp: 645596
Ion Ratio Lower Upper
93 100
63 79.0 59.8 99.8
95 32.5 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 44.414 ng
RT: 7.575 min Scan# 763
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

Tgt Ion: 146 Resp: 694811
Ion Ratio Lower Upper
146 100
148 64.5 50.9 76.3
75 31.5 24.1 36.1

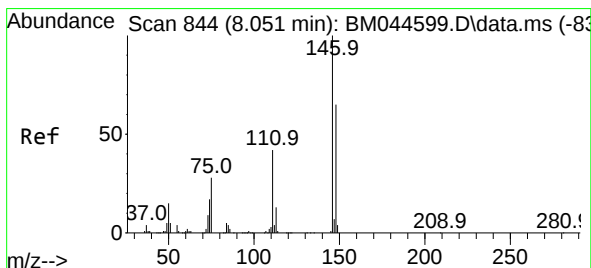
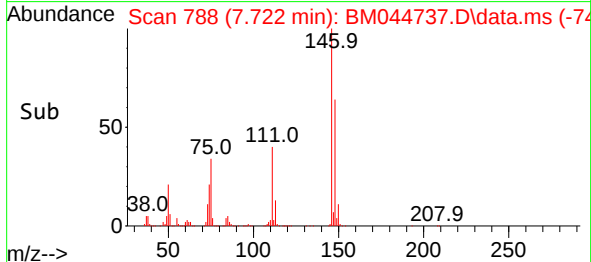
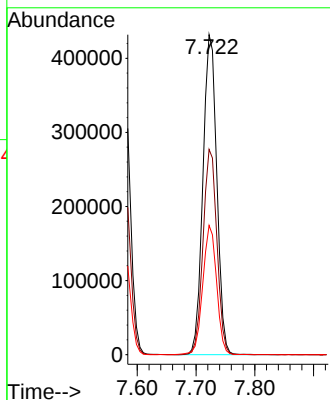
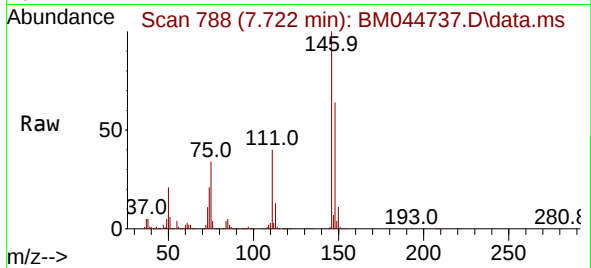




#13
1,4-Dichlorobenzene
Concen: 44.734 ng
RT: 7.722 min Scan# 70
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

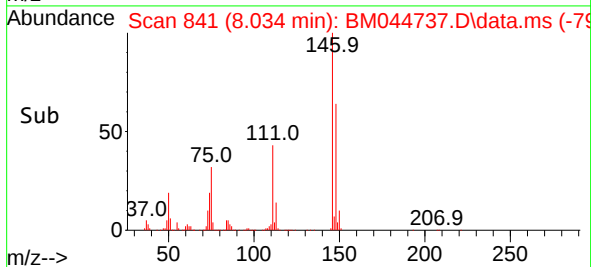
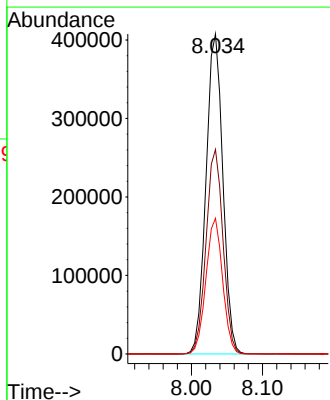
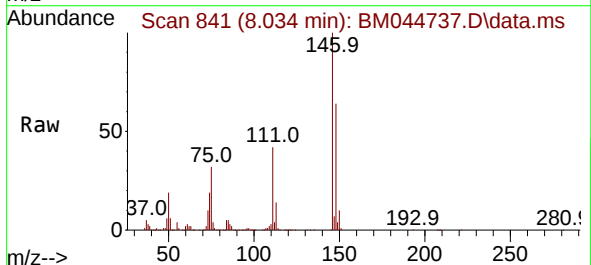
Instrument :
BNA_M
ClientSampleId :
PB159733BSD

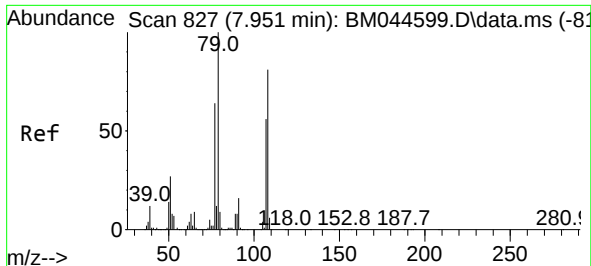
Tgt Ion:146 Resp: 705324
Ion Ratio Lower Upper
146 100
148 64.2 51.5 77.3
111 40.4 31.4 47.2



#14
1,2-Dichlorobenzene
Concen: 44.676 ng
RT: 8.034 min Scan# 841
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

Tgt Ion:146 Resp: 671765
Ion Ratio Lower Upper
146 100
148 63.9 51.8 77.8
111 42.4 33.4 50.2

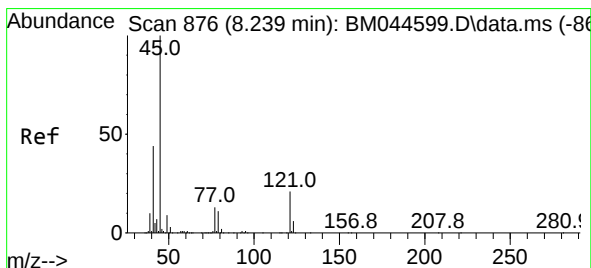
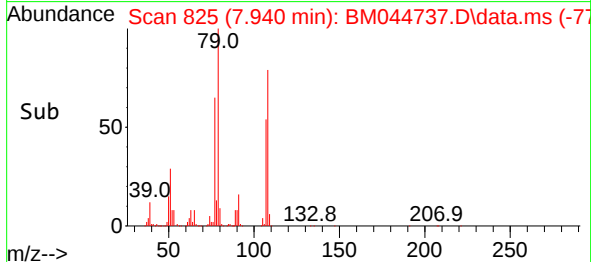
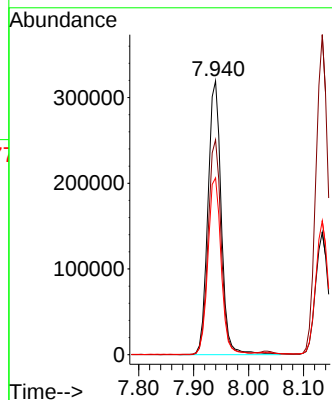
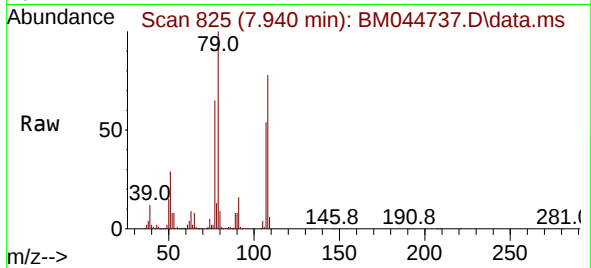




#15
Benzyl Alcohol
Concen: 43.440 ng
RT: 7.940 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

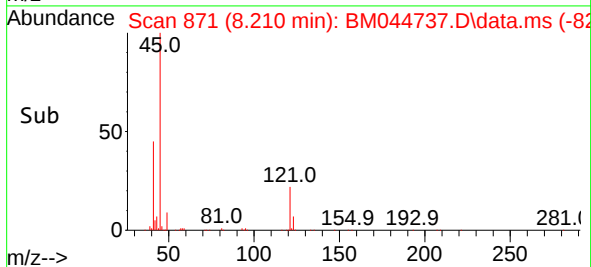
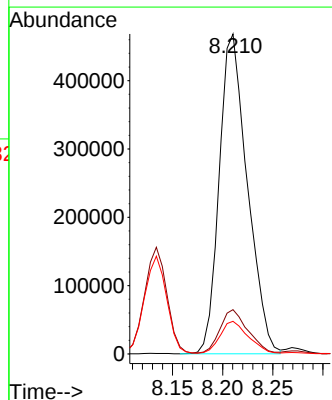
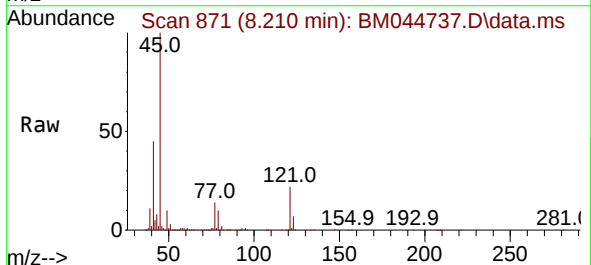
Instrument :
BNA_M
ClientSampleId :
PB159733BSD

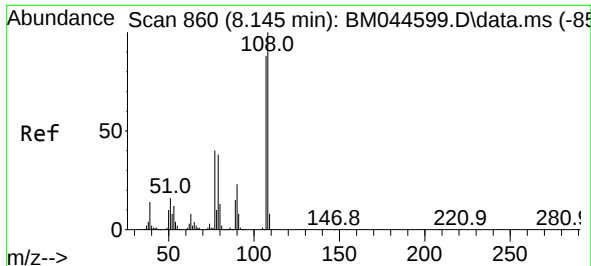
Tgt Ion: 79 Resp: 536688
Ion Ratio Lower Upper
79 100
108 78.5 65.0 97.6
77 64.6 51.7 77.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 42.955 ng
RT: 8.210 min Scan# 871
Delta R.T. -0.029 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

Tgt Ion: 45 Resp: 912579
Ion Ratio Lower Upper
45 100
77 13.9 0.0 33.7
79 10.2 0.0 31.2

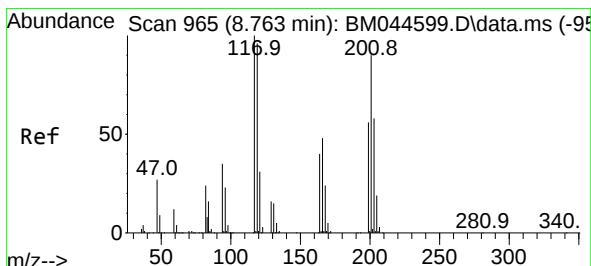
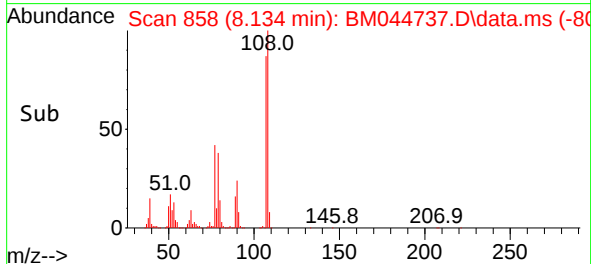
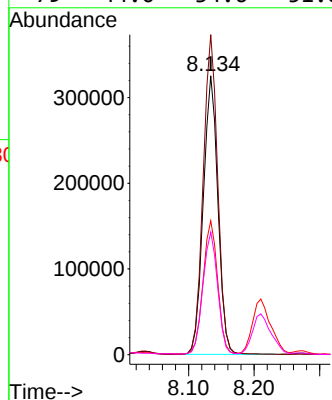
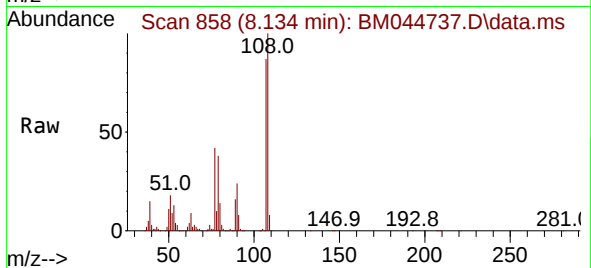




#17
2-Methylphenol
Concen: 39.500 ng
RT: 8.134 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

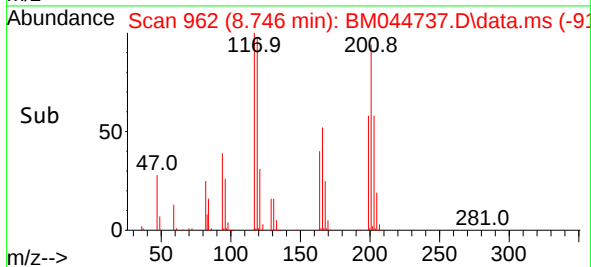
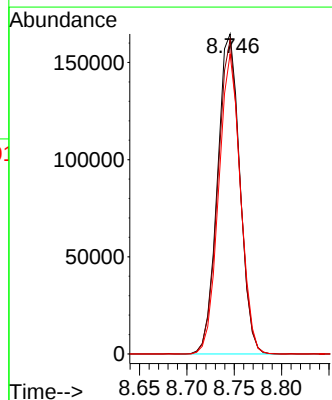
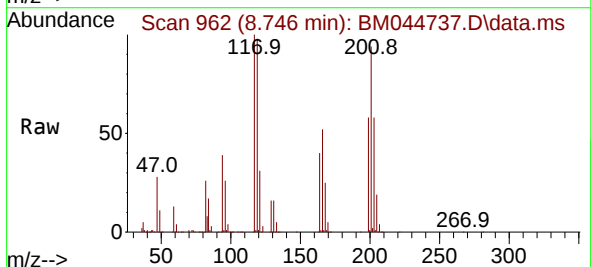
Instrument :
BNA_M
ClientSampleId :
PB159733BSD

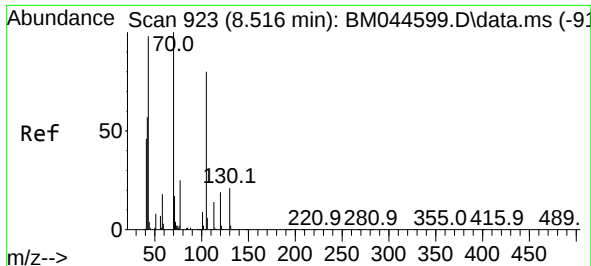
Tgt Ion:107 Resp: 505584
Ion Ratio Lower Upper
107 100
108 114.8 90.7 136.1
77 48.0 36.2 54.2
79 44.0 34.6 51.8



#18
Hexachloroethane
Concen: 46.444 ng
RT: 8.746 min Scan# 962
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

Tgt Ion:117 Resp: 270718
Ion Ratio Lower Upper
117 100
119 98.1 76.8 115.2
201 93.8 72.3 108.5

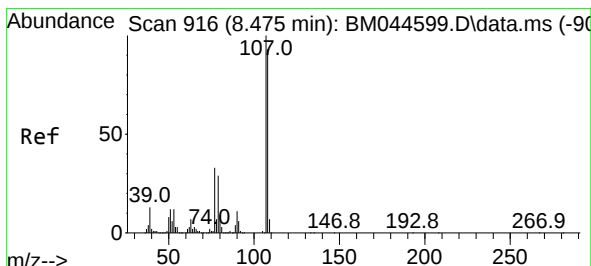
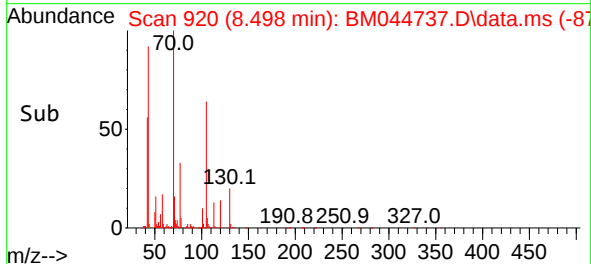
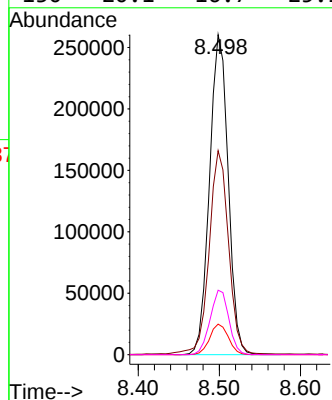
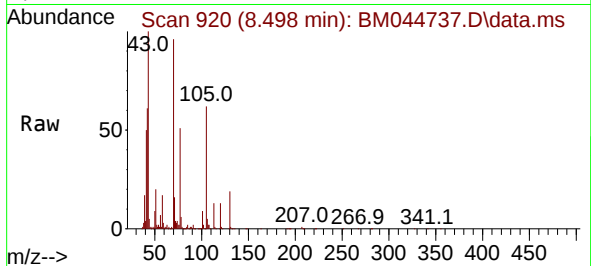




#19
n-Nitroso-di-n-propylamine
Concen: 36.224 ng
RT: 8.498 min Scan# 914
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

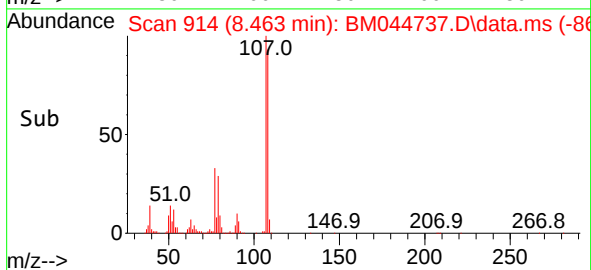
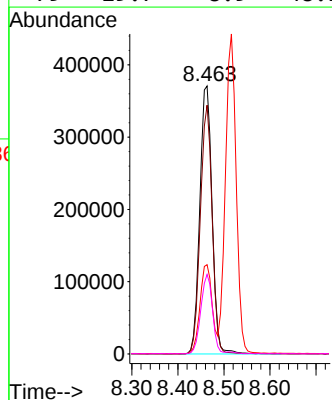
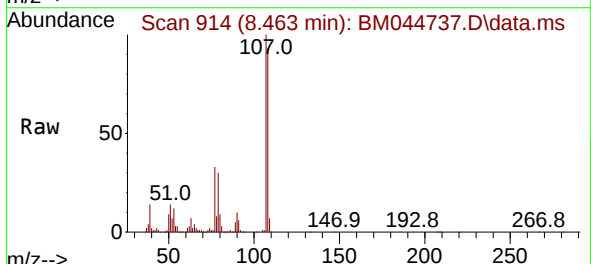
Instrument :
BNA_M
ClientSampleId :
PB159733BSD

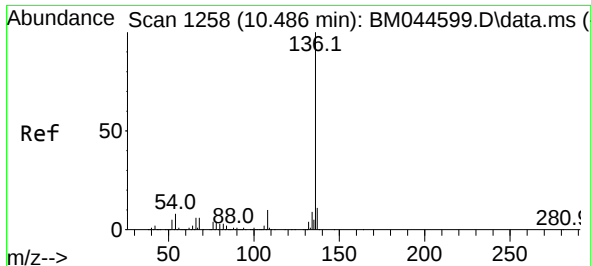
Tgt Ion: 70 Resp: 415718
Ion Ratio Lower Upper
70 100
42 63.8 46.6 69.8
101 9.6 7.6 11.4
130 20.1 16.7 25.1



#20
3+4-Methylphenols
Concen: 39.990 ng
RT: 8.463 min Scan# 914
Delta R.T. -0.012 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

Tgt Ion: 107 Resp: 690747
Ion Ratio Lower Upper
107 100
108 92.8 72.7 112.7
77 33.3 13.3 53.3
79 29.7 8.9 48.9

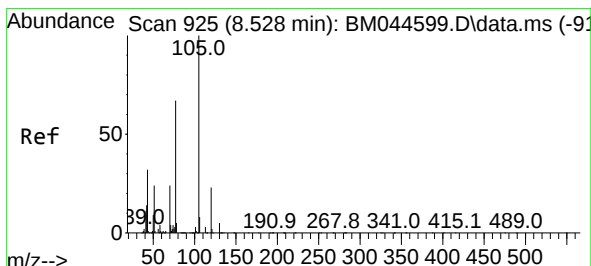
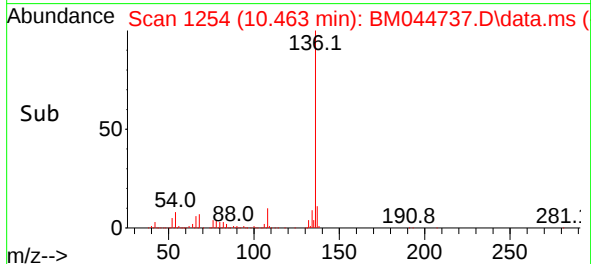
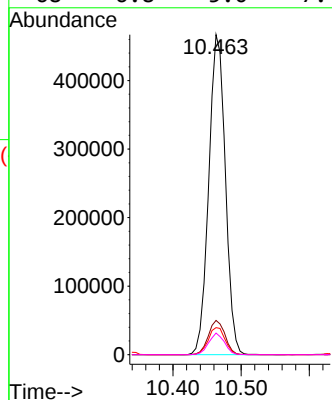
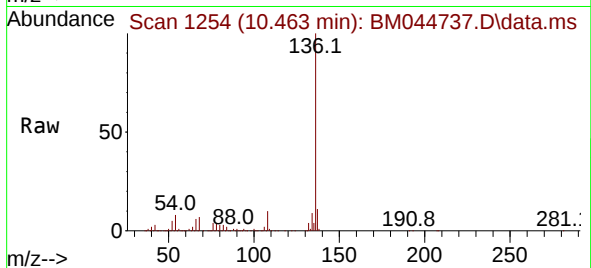




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.463 min Scan# 11
Delta R.T. -0.023 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

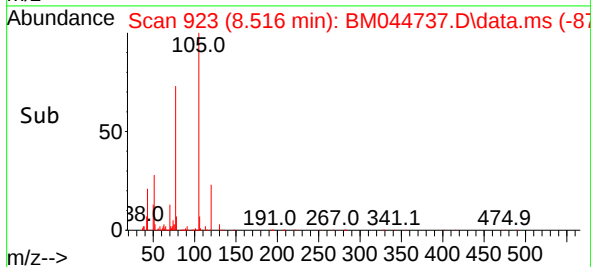
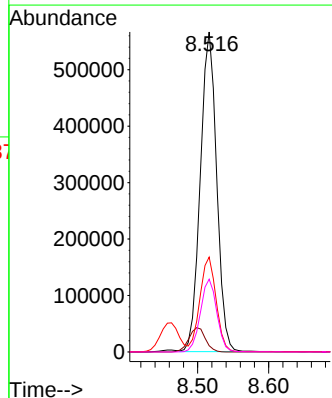
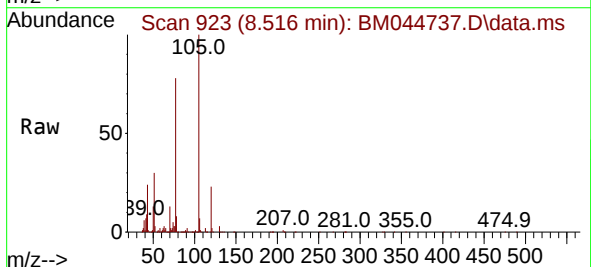
Instrument :
BNA_M
ClientSampleId :
PB159733BSD

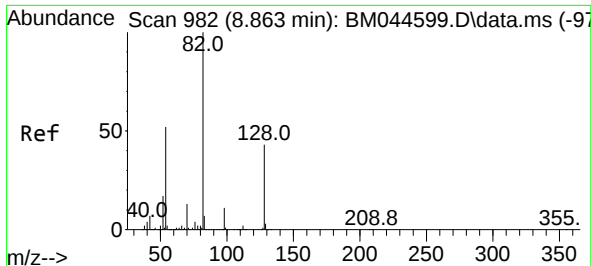
Tgt Ion:	136	Resp:	791462
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.9	13.3
54	8.5	6.6	10.0
68	6.8	5.0	7.4



#22
Acetophenone
Concen: 43.698 ng
RT: 8.516 min Scan# 923
Delta R.T. -0.012 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

Tgt Ion:	105	Resp:	908626
Ion Ratio	Lower	Upper	
105	100		
71	2.0	3.4	5.2#
51	29.7	22.2	33.4
120	22.8	18.6	27.8

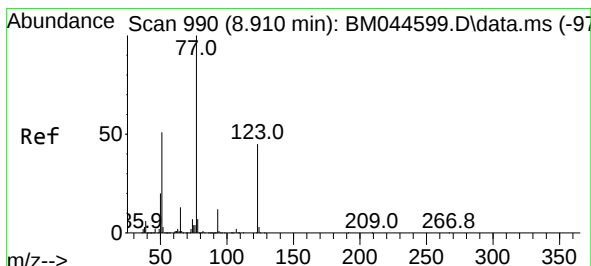
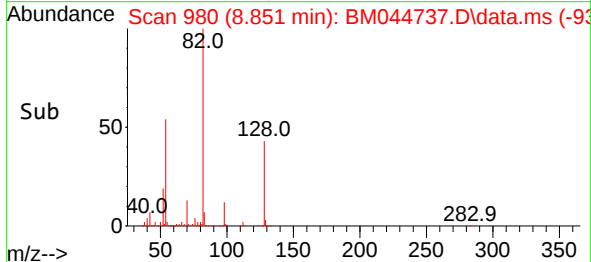
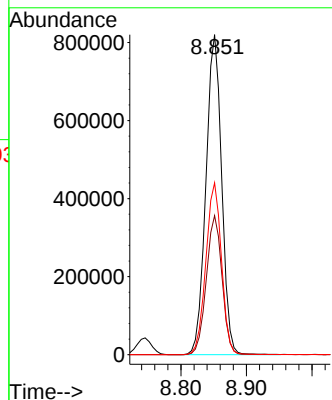
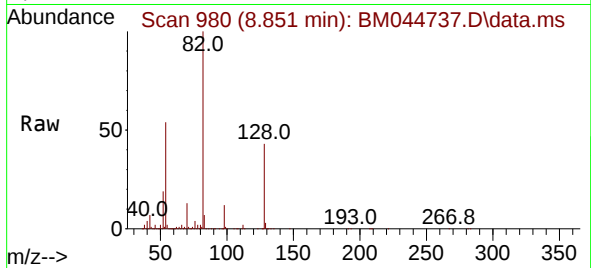




#23
Nitrobenzene-d5
Concen: 83.399 ng
RT: 8.851 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

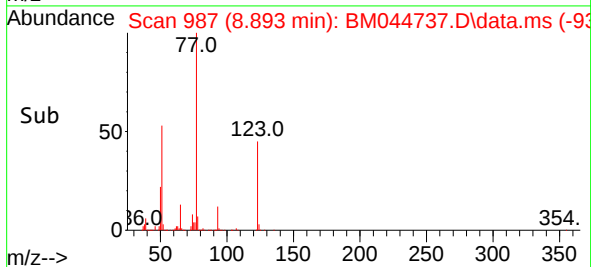
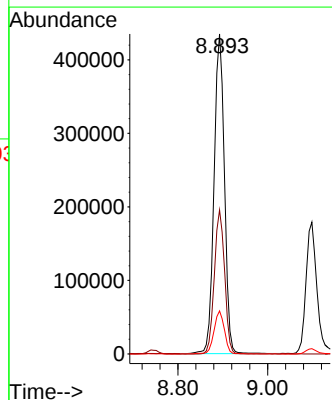
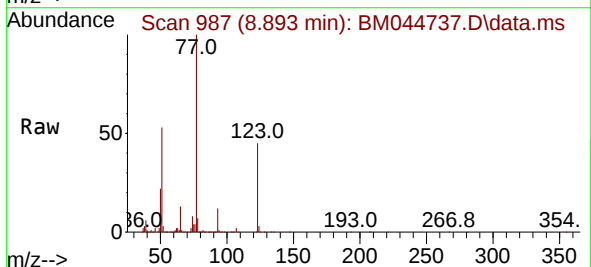
Instrument :
BNA_M
ClientSampleId :
PB159733BSD

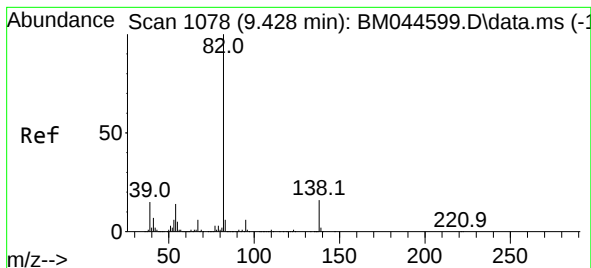
Tgt Ion: 82 Resp: 1370143
Ion Ratio Lower Upper
82 100
128 43.4 34.2 51.4
54 53.7 41.3 61.9



#24
Nitrobenzene
Concen: 43.009 ng
RT: 8.893 min Scan# 987
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

Tgt Ion: 77 Resp: 698464
Ion Ratio Lower Upper
77 100
123 45.0 35.9 53.9
65 13.5 10.7 16.1





#25

Isophorone

Concen: 43.623 ng

RT: 9.410 min Scan# 1105

Delta R.T. -0.017 min

Lab File: BM044737.D

Acq: 22 Mar 2024 16:37

Instrument :

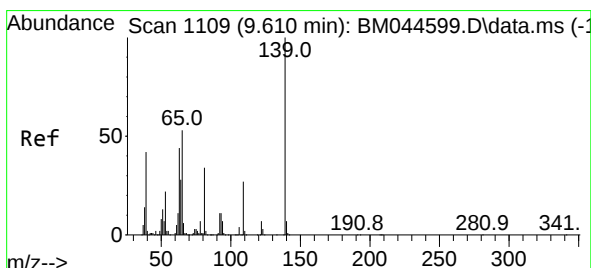
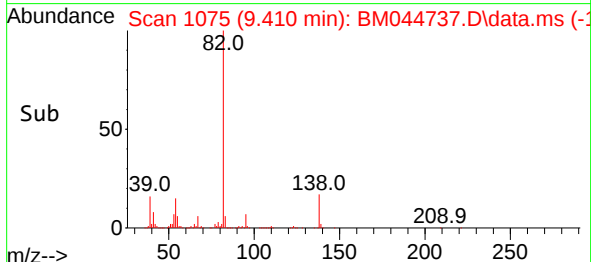
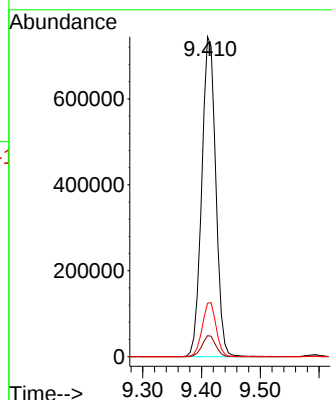
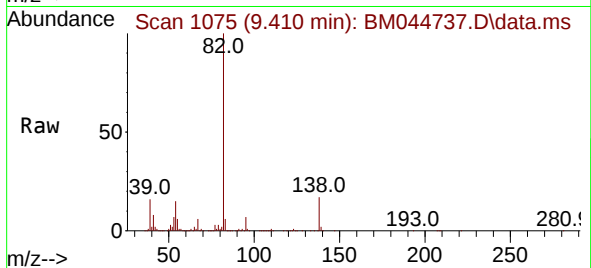
BNA_M

ClientSampleId :

PB159733BSD

Tgt Ion: 82 Resp: 1236526

Ion	Ratio	Lower	Upper
82	100		
95	6.5	4.9	7.3
138	16.7	12.9	19.3



#26

2-Nitrophenol

Concen: 46.324 ng

RT: 9.593 min Scan# 1106

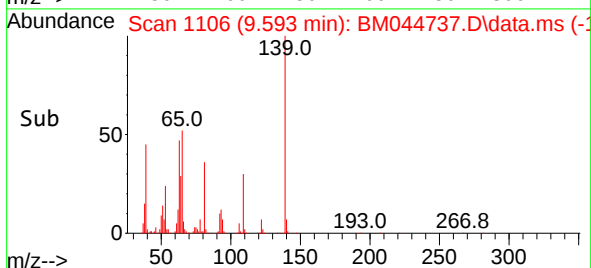
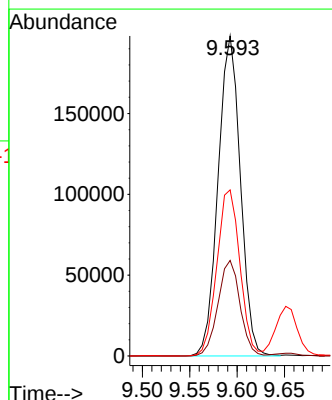
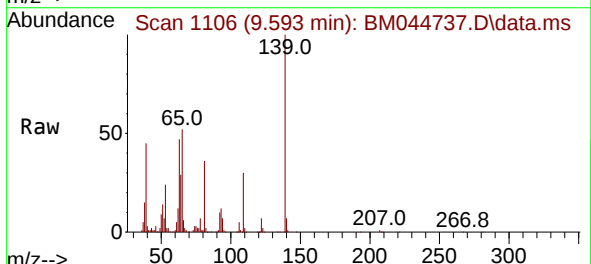
Delta R.T. -0.017 min

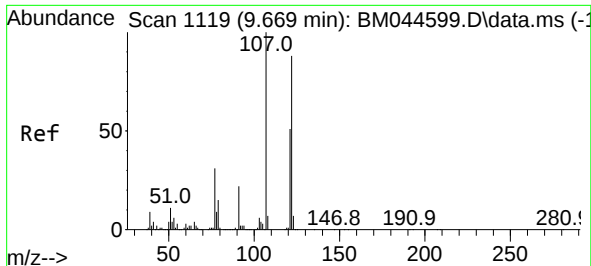
Lab File: BM044737.D

Acq: 22 Mar 2024 16:37

Tgt Ion: 139 Resp: 324625

Ion	Ratio	Lower	Upper
139	100		
109	29.8	21.2	31.8
65	51.9	42.4	63.6





#27

2,4-Dimethylphenol

Concen: 36.429 ng

RT: 9.651 min Scan# 1116

Delta R.T. -0.017 min

Lab File: BM044737.D

Acq: 22 Mar 2024 16:37

Instrument :

BNA_M

ClientSampleId :

PB159733BSD

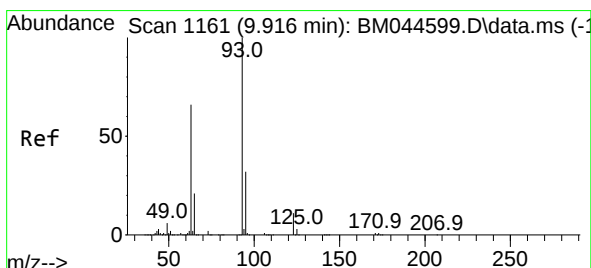
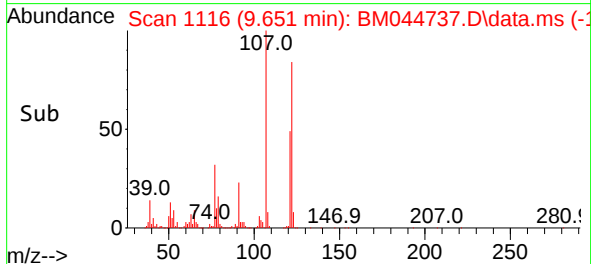
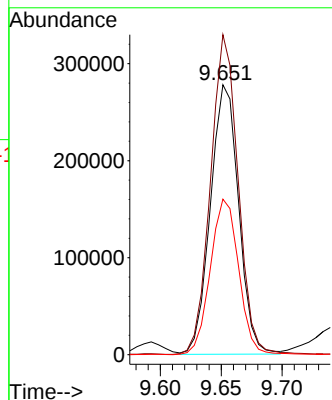
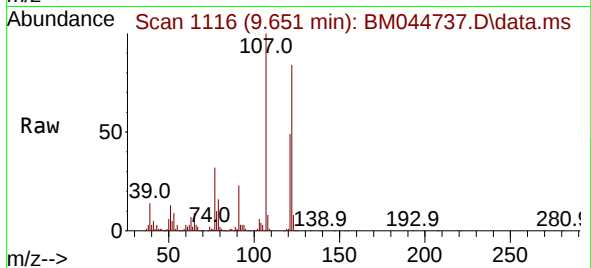
Tgt Ion:122 Resp: 448930

Ion Ratio Lower Upper

122 100

107 118.5 90.5 135.7

121 57.6 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 41.619 ng

RT: 9.898 min Scan# 1158

Delta R.T. -0.017 min

Lab File: BM044737.D

Acq: 22 Mar 2024 16:37

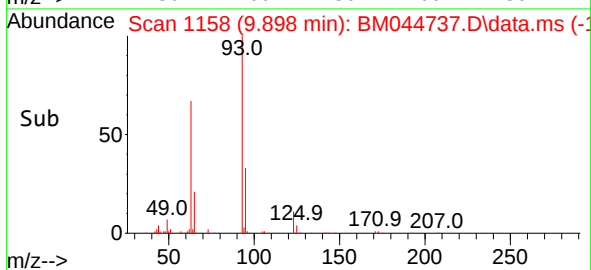
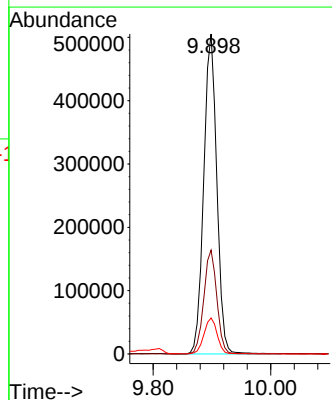
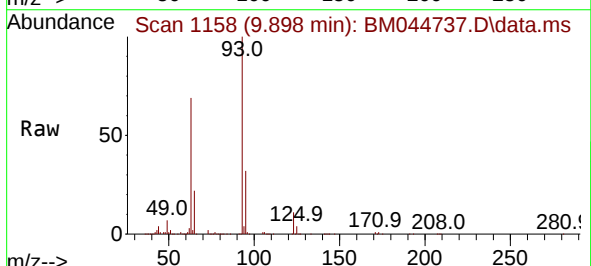
Tgt Ion: 93 Resp: 783412

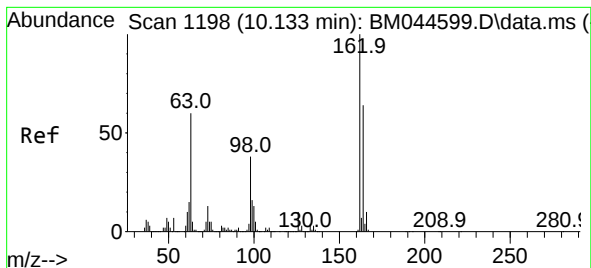
Ion Ratio Lower Upper

93 100

95 32.4 25.8 38.6

123 11.3 9.0 13.4

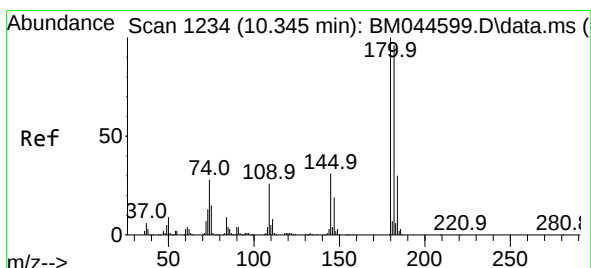
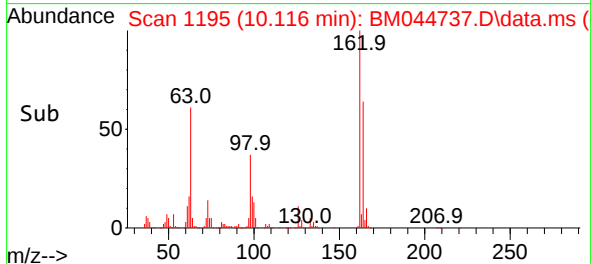
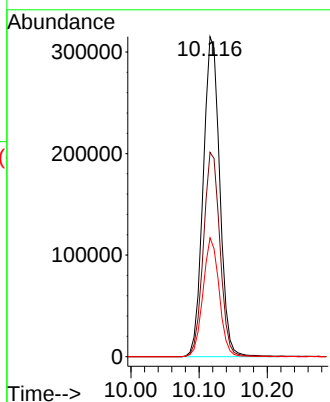
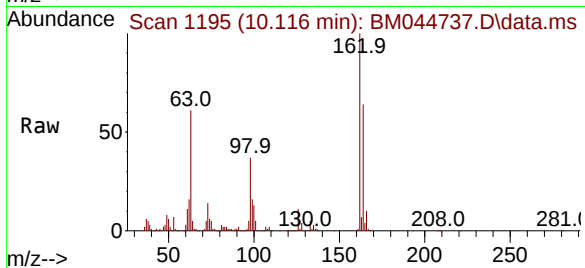




#29
2,4-Dichlorophenol
Concen: 45.424 ng
RT: 10.116 min Scan# 1195
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

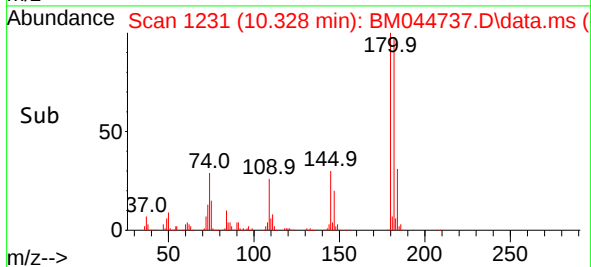
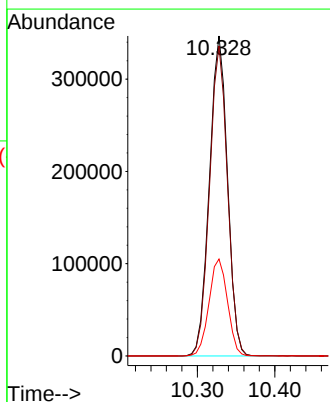
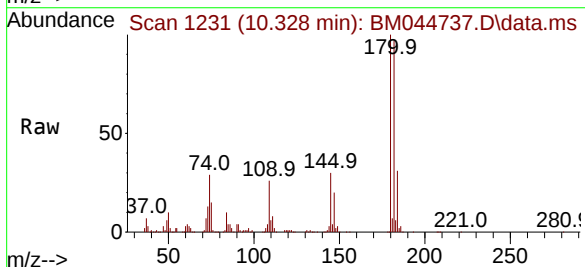
Instrument :
BNA_M
ClientSampleId :
PB159733BSD

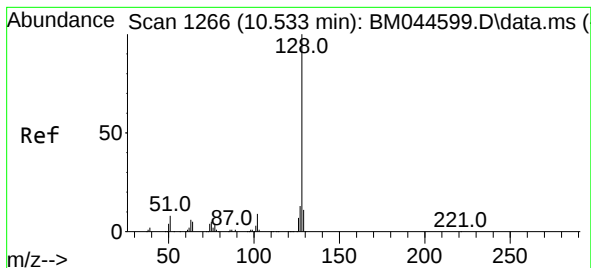
Tgt Ion:162 Resp: 533527
Ion Ratio Lower Upper
162 100
164 63.8 44.1 84.1
98 37.2 18.0 58.0



#30
1,2,4-Trichlorobenzene
Concen: 45.005 ng
RT: 10.328 min Scan# 1231
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

Tgt Ion:180 Resp: 562345
Ion Ratio Lower Upper
180 100
182 96.9 76.6 115.0
145 30.3 24.6 36.8





#31

Naphthalene

Concen: 42.179 ng

RT: 10.516 min Scan# 1263

Delta R.T. -0.017 min

Lab File: BM044737.D

Acq: 22 Mar 2024 16:37

Instrument :

BNA_M

ClientSampleId :

PB159733BSD

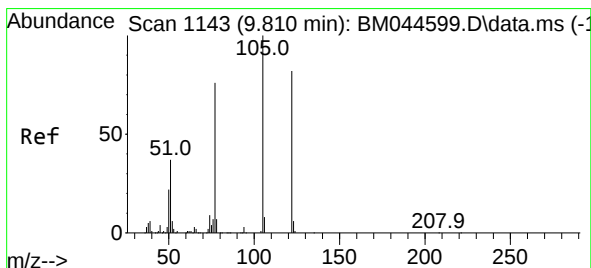
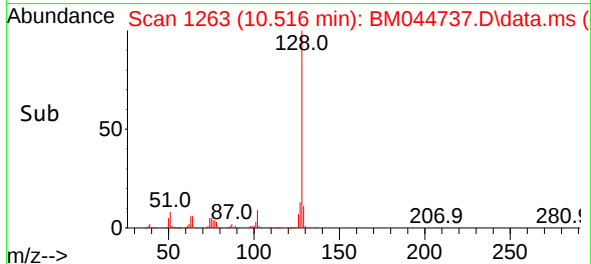
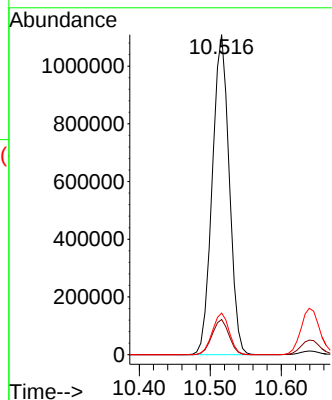
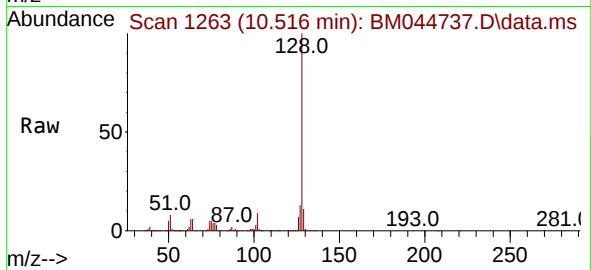
Tgt Ion:128 Resp: 1832094

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

127 13.0 10.2 15.4



#32

Benzoic acid

Concen: 38.974 ng

RT: 9.810 min Scan# 1143

Delta R.T. 0.000 min

Lab File: BM044737.D

Acq: 22 Mar 2024 16:37

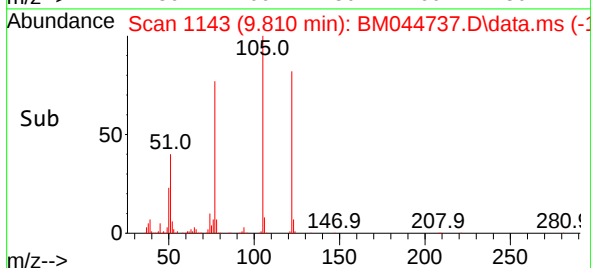
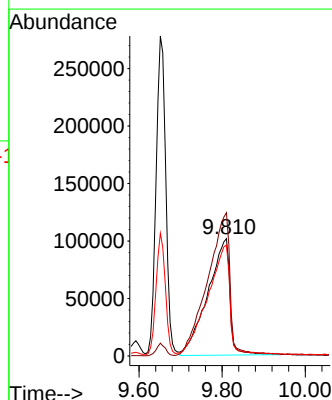
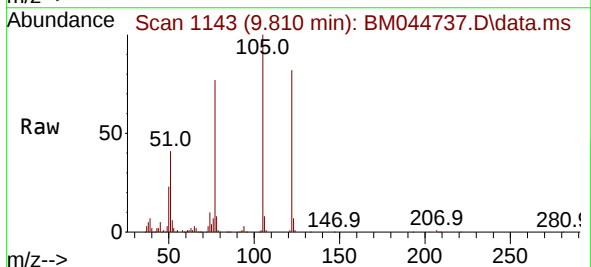
Tgt Ion:122 Resp: 376075

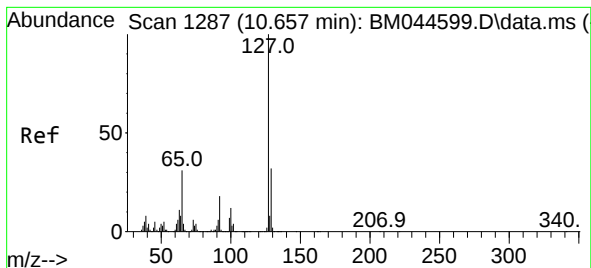
Ion Ratio Lower Upper

122 100

105 122.0 100.0 140.0

77 94.5 72.5 112.5

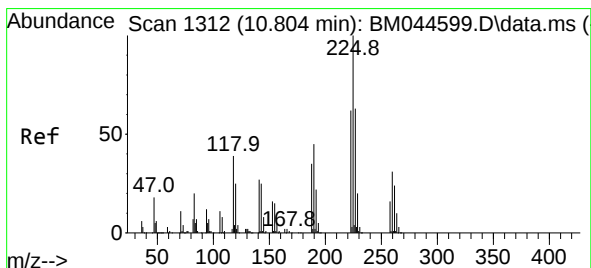
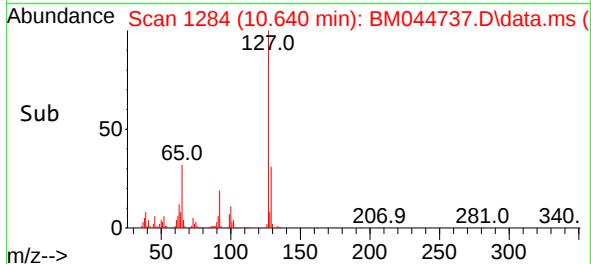
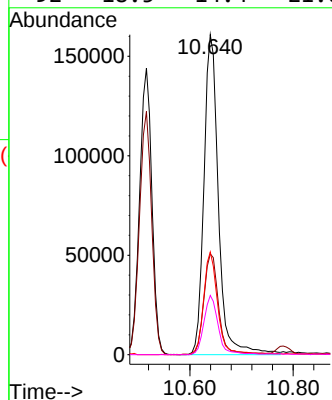
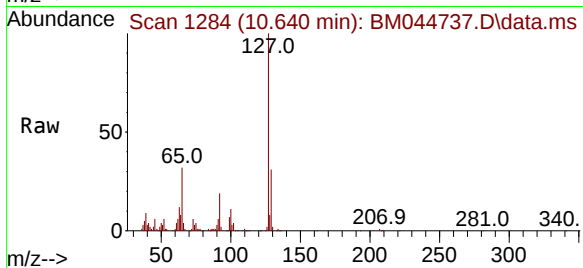




#33
4-Chloroaniline
Concen: 17.241 ng
RT: 10.640 min Scan# 11
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

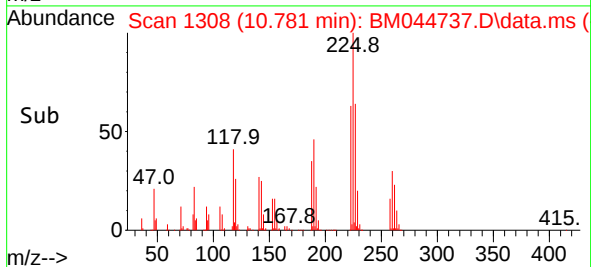
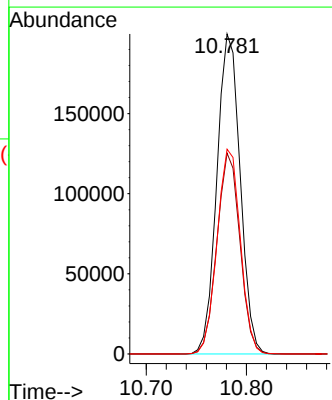
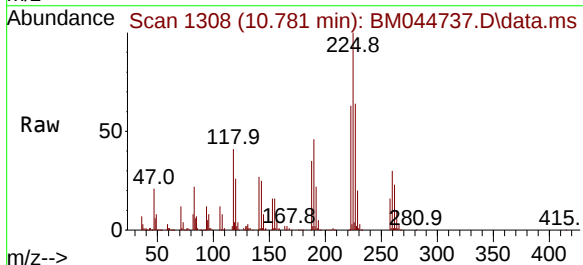
Instrument :
BNA_M
ClientSampleId :
PB159733BSD

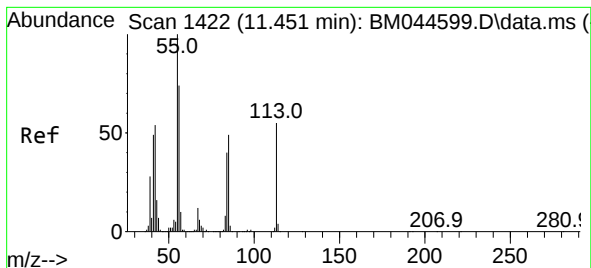
Tgt Ion:127	Resp:	314179
Ion	Ratio	Lower Upper
127	100	
129	31.5	25.6 38.4
65	32.1	25.1 37.7
92	18.5	14.4 21.6



#34
Hexachlorobutadiene
Concen: 46.143 ng
RT: 10.781 min Scan# 1308
Delta R.T. -0.023 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

Tgt Ion:225	Resp:	321468
Ion	Ratio	Lower Upper
225	100	
223	62.7	49.9 74.9
227	64.0	50.6 75.8

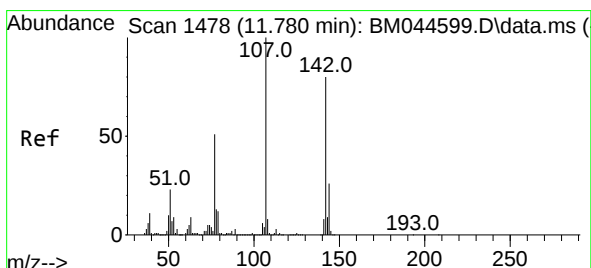
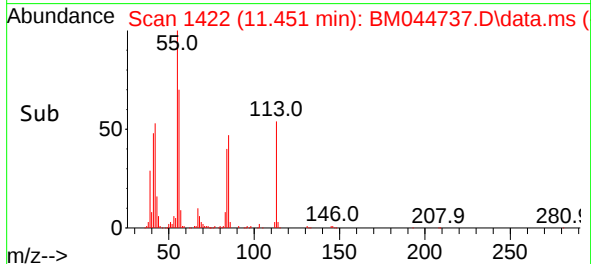
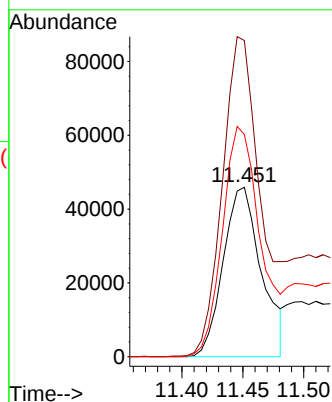
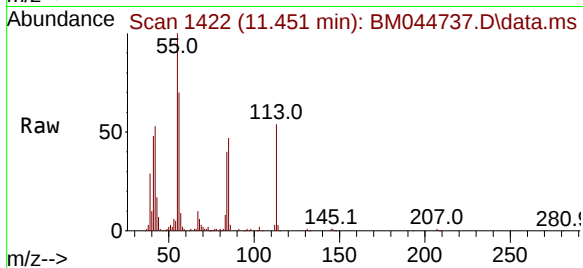




#35
Caprolactam
Concen: 26.448 ng
RT: 11.451 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

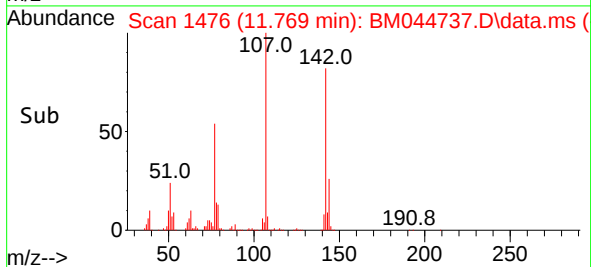
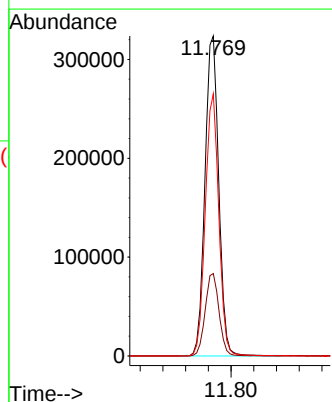
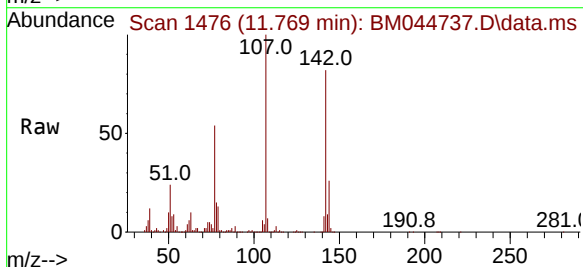
Instrument :
BNA_M
ClientSampleId :
PB159733BSD

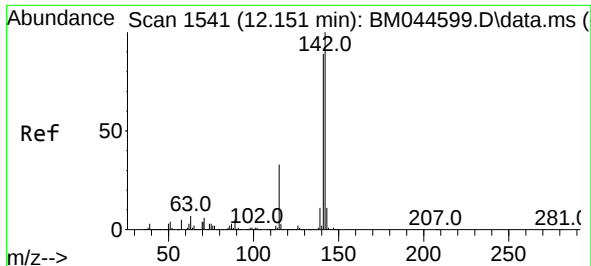
Tgt Ion:113 Resp: 100204
Ion Ratio Lower Upper
113 100
55 186.5 161.1 201.1
56 131.1 113.2 153.2



#36
4-Chloro-3-methylphenol
Concen: 42.135 ng
RT: 11.769 min Scan# 1476
Delta R.T. -0.012 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

Tgt Ion:107 Resp: 543049
Ion Ratio Lower Upper
107 100
144 25.7 20.8 31.2
142 81.9 63.8 95.8

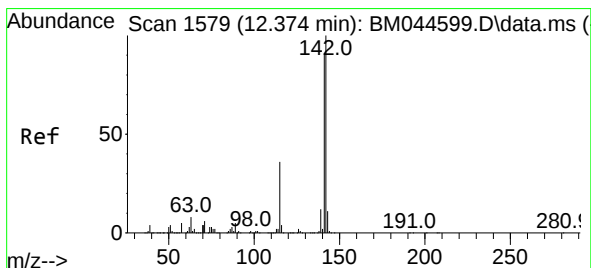
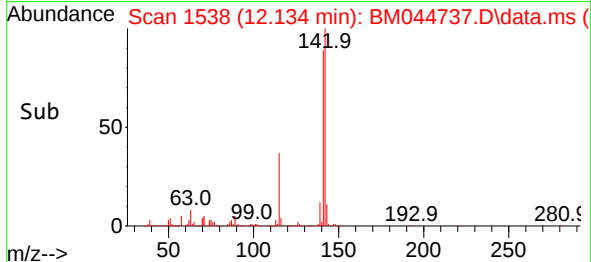
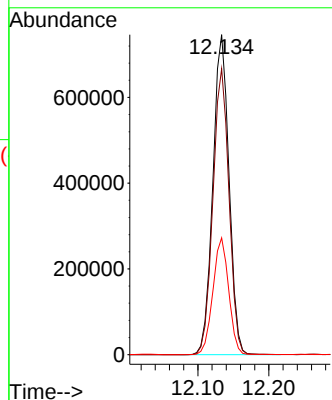
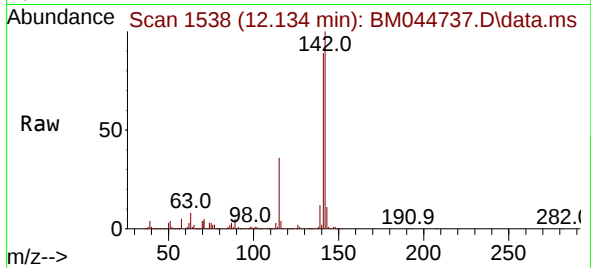




#37
2-Methylnaphthalene
Concen: 39.846 ng
RT: 12.134 min Scan# 1538
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

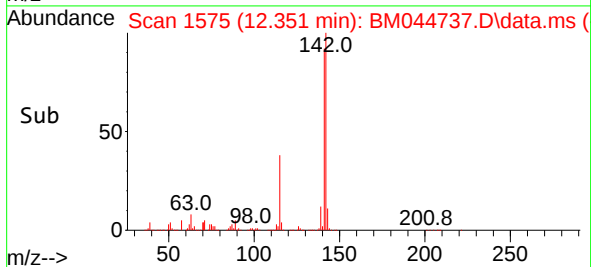
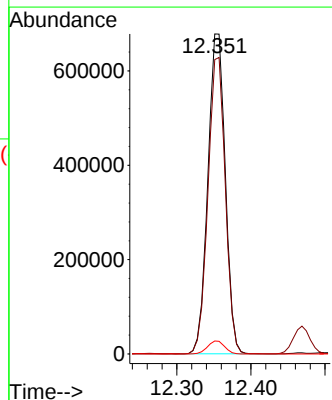
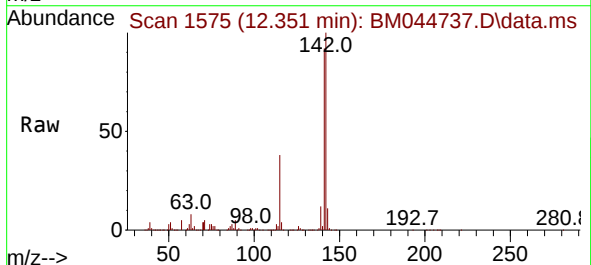
Instrument :
BNA_M
ClientSampleId :
PB159733BSD

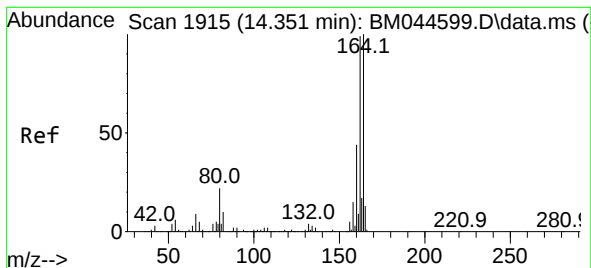
Tgt Ion:142 Resp: 1174728
Ion Ratio Lower Upper
142 100
141 89.4 71.0 106.6
115 36.5 26.6 40.0



#38
1-Methylnaphthalene
Concen: 40.353 ng
RT: 12.351 min Scan# 1575
Delta R.T. -0.023 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

Tgt Ion:142 Resp: 1108759
Ion Ratio Lower Upper
142 100
141 92.0 72.9 109.3
116 4.1 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.328 min Scan# 1911

Delta R.T. -0.023 min

Lab File: BM044737.D

Acq: 22 Mar 2024 16:37

Instrument :

BNA_M

ClientSampleId :

PB159733BSD

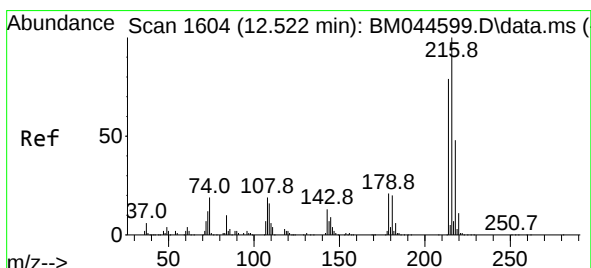
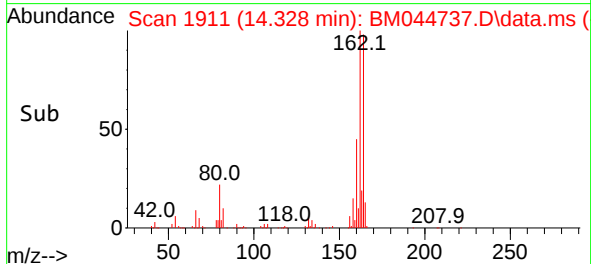
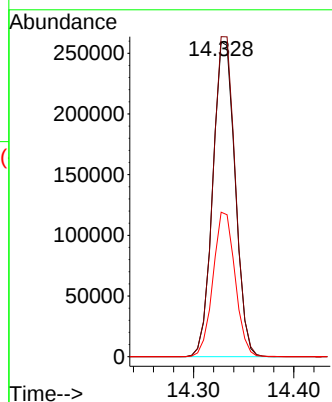
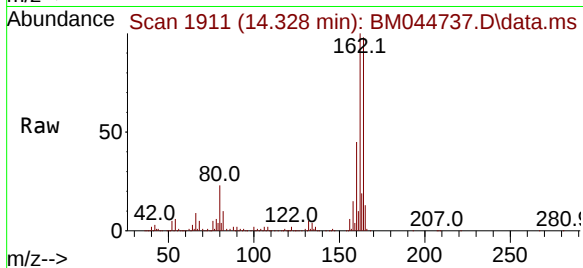
Tgt Ion:164 Resp: 400496

Ion Ratio Lower Upper

164 100

162 101.7 79.3 118.9

160 45.9 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.468 ng

RT: 12.504 min Scan# 1601

Delta R.T. -0.017 min

Lab File: BM044737.D

Acq: 22 Mar 2024 16:37

Tgt Ion:216 Resp: 550848

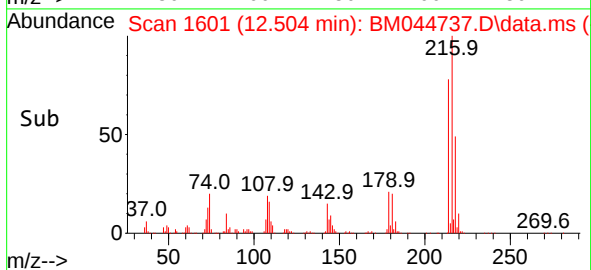
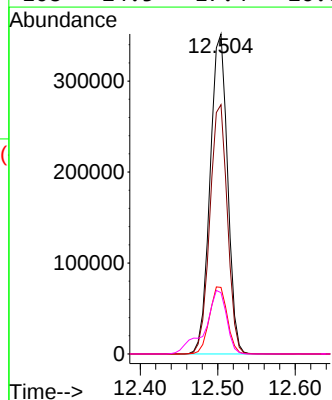
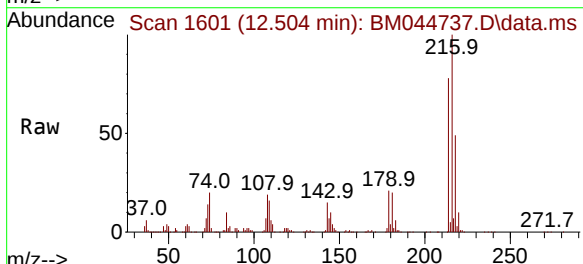
Ion Ratio Lower Upper

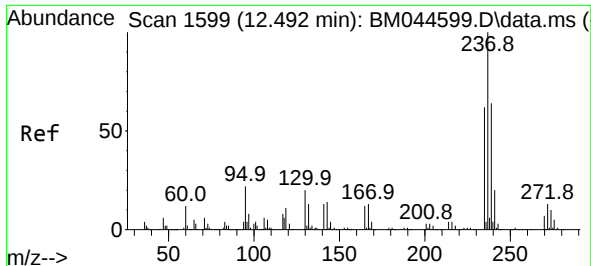
216 100

214 78.1 62.9 94.3

179 21.3 16.9 25.3

108 24.5 17.4 26.0

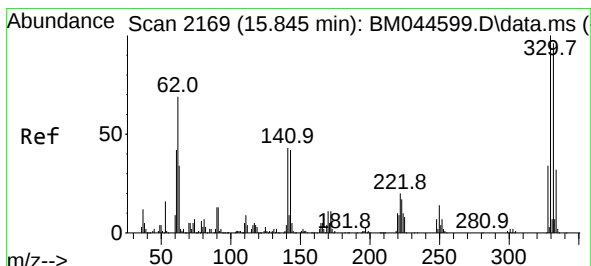
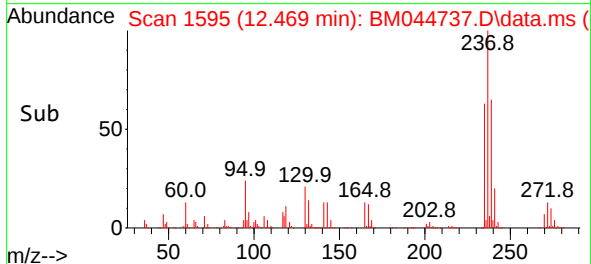
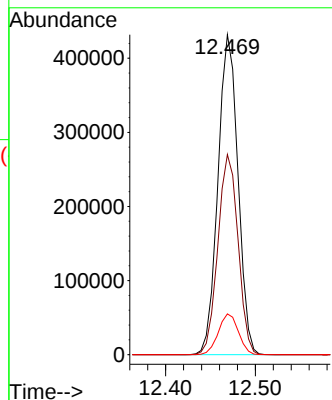
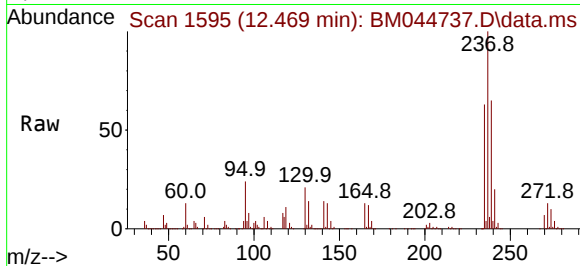




#41
Hexachlorocyclopentadiene
Concen: 103.212 ng
RT: 12.469 min Scan# 1
Delta R.T. -0.023 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

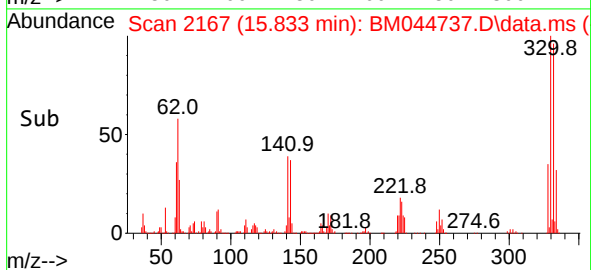
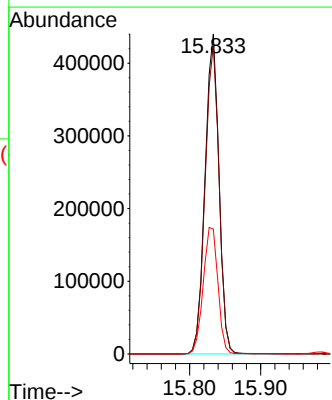
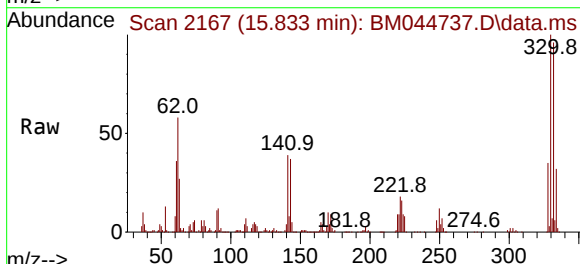
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BNA_M
ClientSampleId :
PB159733BSD

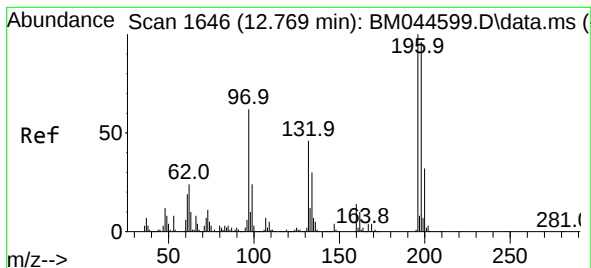
Tgt Ion:237 Resp: 668256
Ion Ratio Lower Upper
237 100
235 62.5 42.1 82.1
272 12.7 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 136.449 ng
RT: 15.833 min Scan# 2167
Delta R.T. -0.012 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

Tgt Ion:330 Resp: 602739
Ion Ratio Lower Upper
330 100
332 96.8 77.8 116.8
141 41.7 33.4 50.0





#43

2,4,6-Trichlorophenol

Concen: 48.536 ng

RT: 12.751 min Scan# 1

Delta R.T. -0.017 min

Lab File: BM044737.D

Acq: 22 Mar 2024 16:37

Instrument :

BNA_M

ClientSampleId :

PB159733BSD

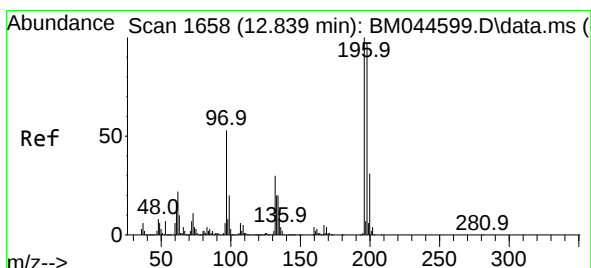
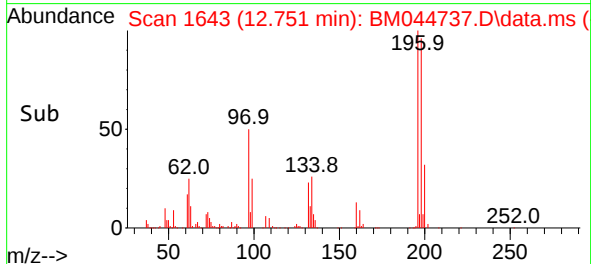
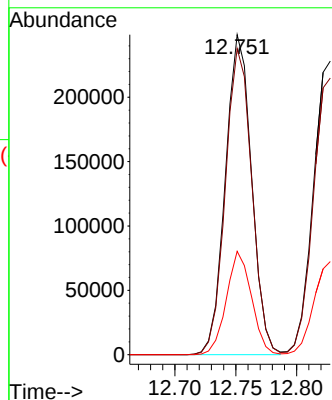
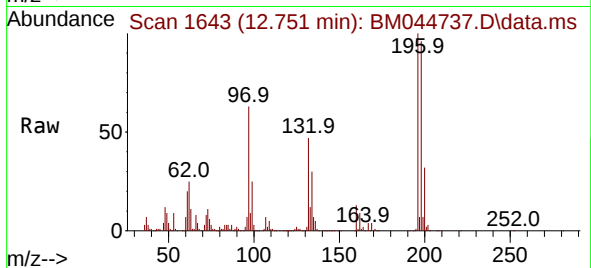
Tgt Ion:196 Resp: 372475

Ion Ratio Lower Upper

196 100

198 95.7 76.9 115.3

200 32.3 25.4 38.0



#44

2,4,5-Trichlorophenol

Concen: 43.501 ng

RT: 12.828 min Scan# 1656

Delta R.T. -0.012 min

Lab File: BM044737.D

Acq: 22 Mar 2024 16:37

Tgt Ion:196 Resp: 395568

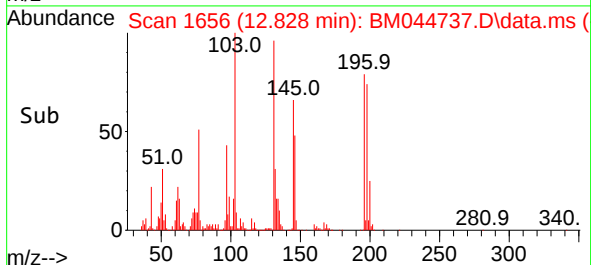
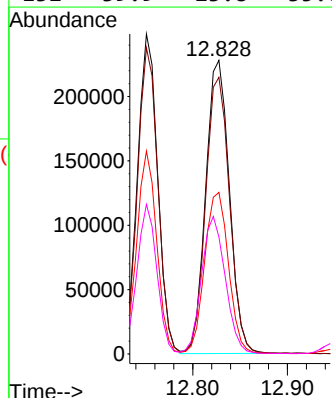
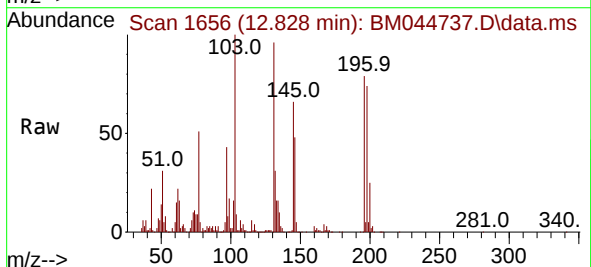
Ion Ratio Lower Upper

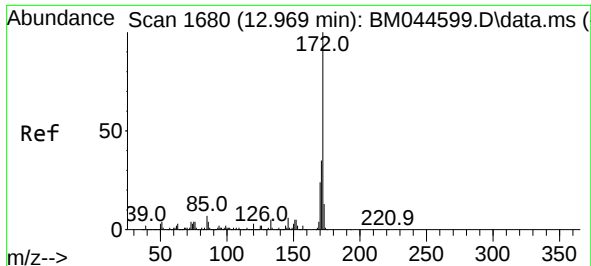
196 100

198 94.2 77.7 116.5

97 55.1 42.8 64.2

132 39.9 23.8 35.6#

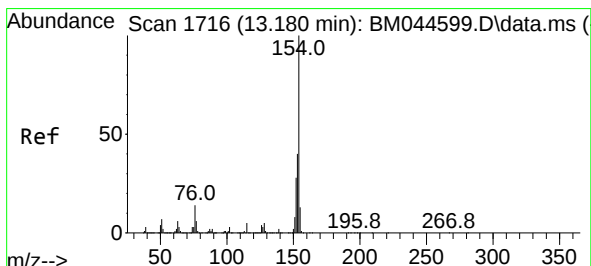
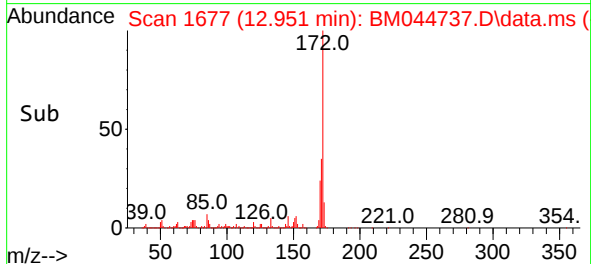
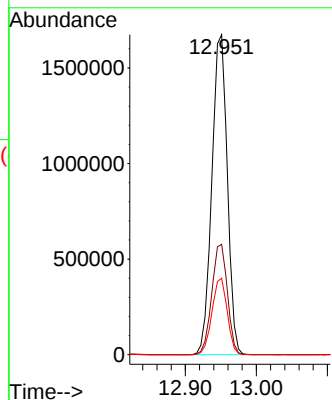
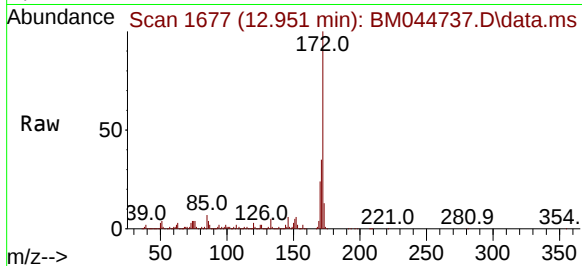




#45
2-Fluorobiphenyl
Concen: 86.808 ng
RT: 12.951 min Scan# 1
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

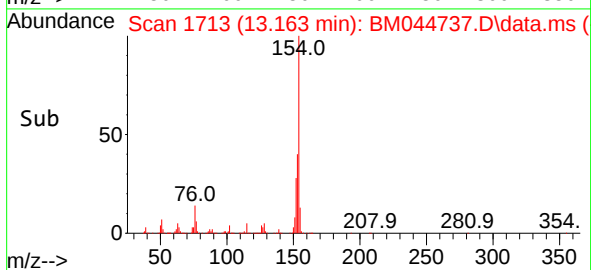
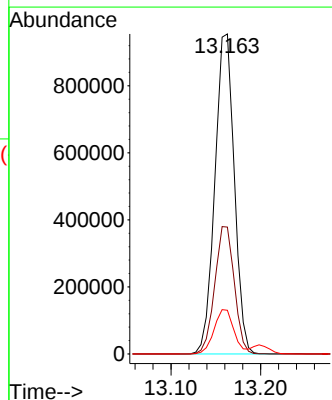
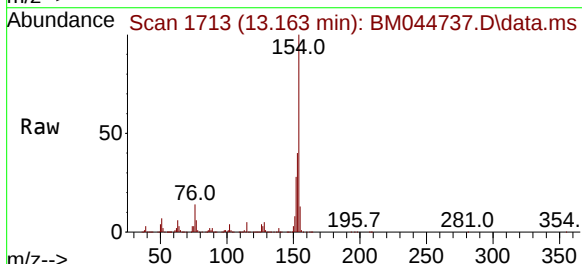
Instrument :
BNA_M
ClientSampleId :
PB159733BSD

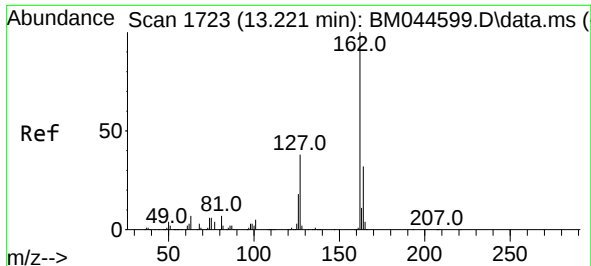
Tgt Ion:172 Resp: 2524376
Ion Ratio Lower Upper
172 100
171 34.5 28.2 42.2
170 23.9 19.0 28.6



#46
1,1'-Biphenyl
Concen: 45.786 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

Tgt Ion:154 Resp: 1434164
Ion Ratio Lower Upper
154 100
153 39.6 19.9 59.9
76 13.7 0.0 34.0

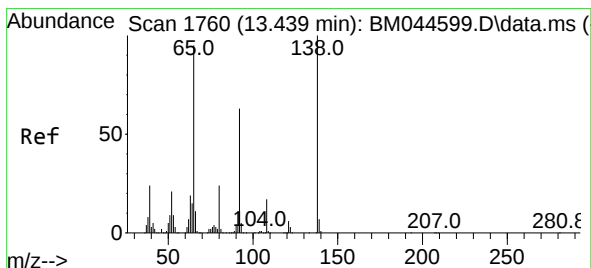
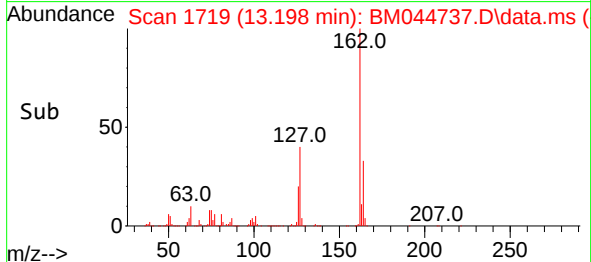
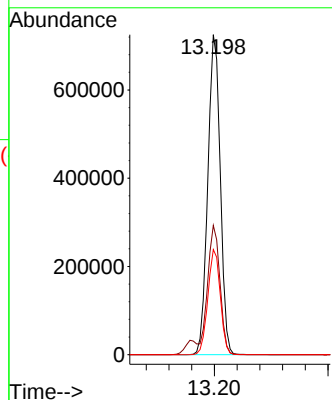
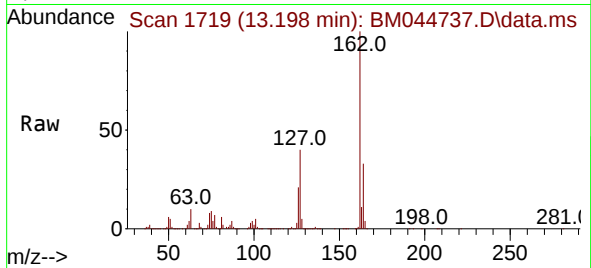




#47
2-Chloronaphthalene
Concen: 47.469 ng
RT: 13.198 min Scan# 1719
Delta R.T. -0.023 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

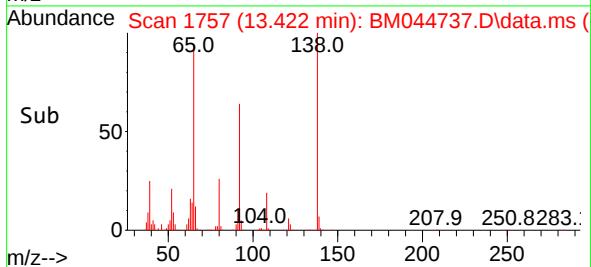
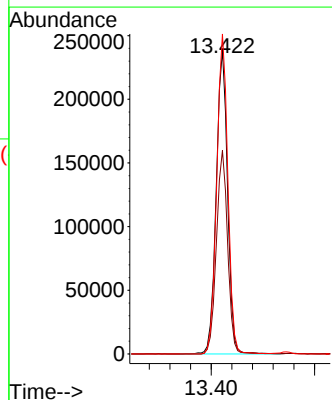
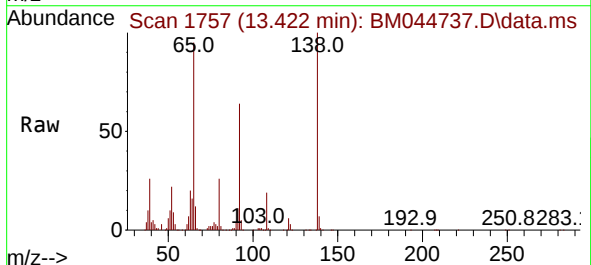
Instrument :
BNA_M
ClientSampleId :
PB159733BSD

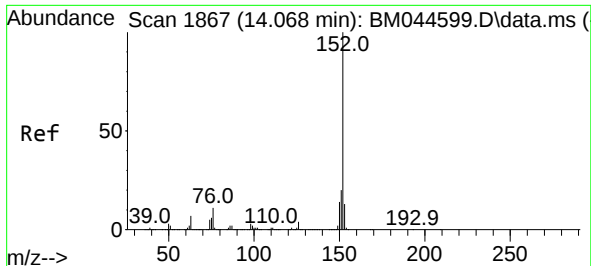
Tgt Ion:162 Resp: 1099508
Ion Ratio Lower Upper
162 100
127 40.4 31.4 47.0
164 32.9 25.8 38.8



#48
2-Nitroaniline
Concen: 46.225 ng
RT: 13.422 min Scan# 1757
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

Tgt Ion: 65 Resp: 363293
Ion Ratio Lower Upper
65 100
92 67.0 53.3 79.9
138 105.3 84.3 126.5

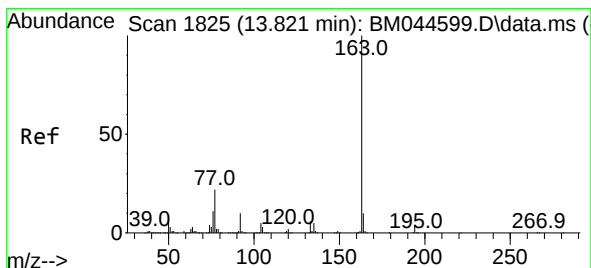
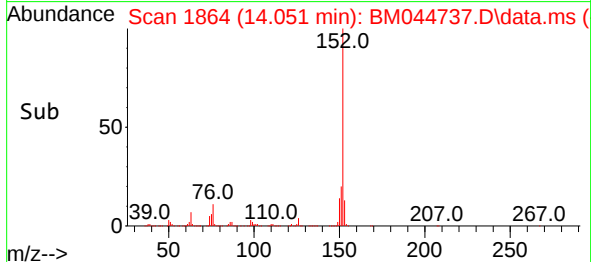
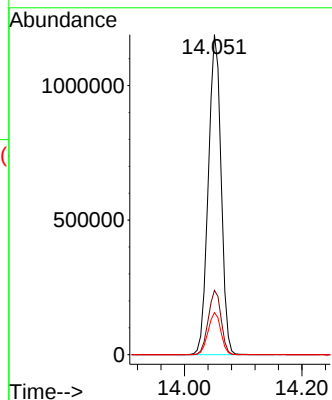
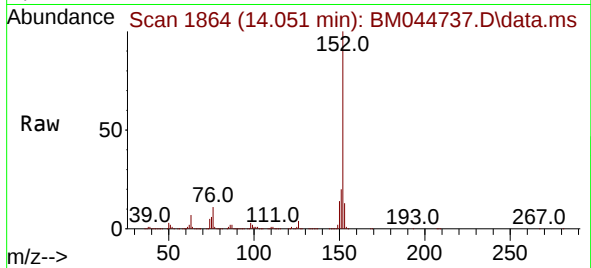




#49
Acenaphthylene
Concen: 47.322 ng
RT: 14.051 min Scan# 1864
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

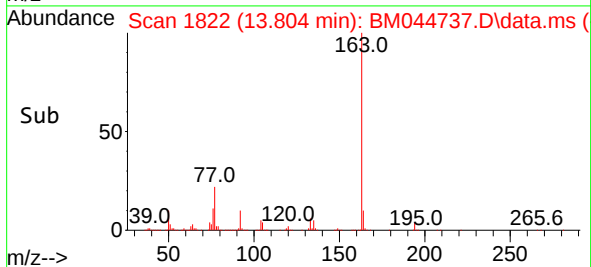
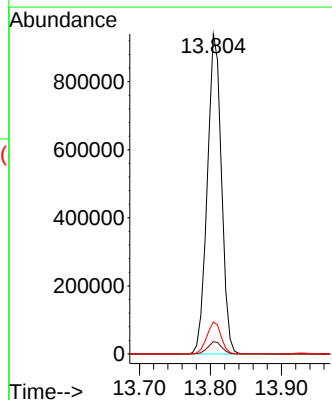
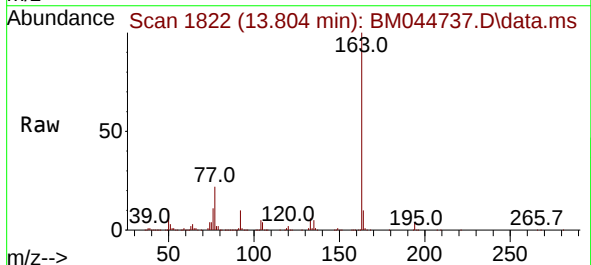
Instrument :
BNA_M
ClientSampleId :
PB159733BSD

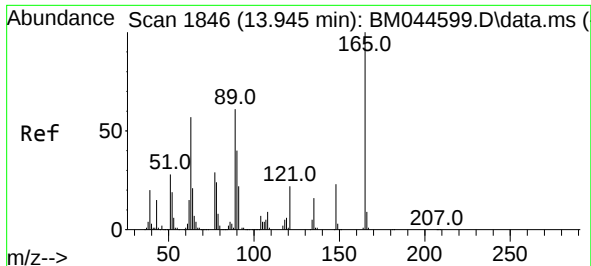
Tgt Ion:152 Resp: 1785570
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.2 10.6 15.8



#50
Dimethylphthalate
Concen: 43.424 ng
RT: 13.804 min Scan# 1822
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

Tgt Ion:163 Resp: 1300818
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.0 8.0 12.0

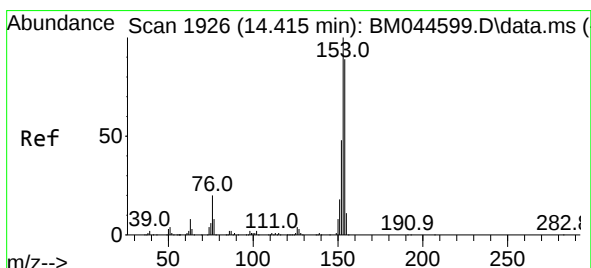
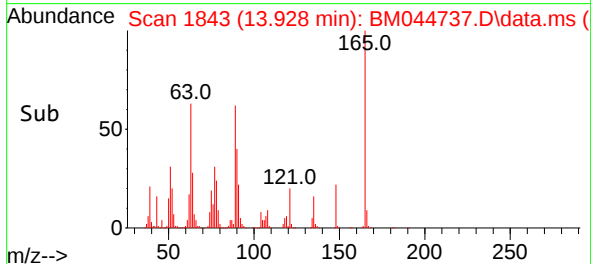
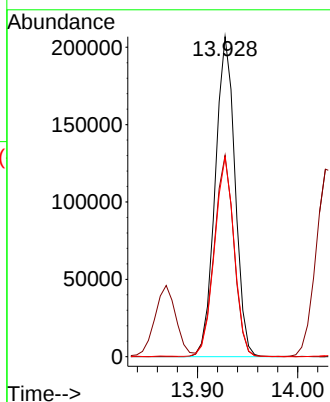
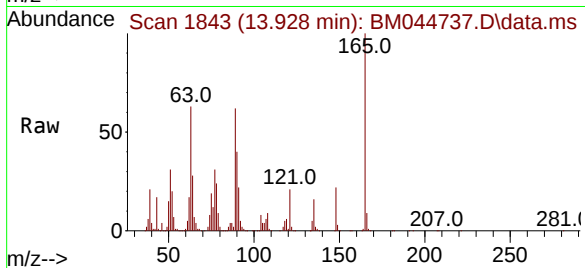




#51
2,6-Dinitrotoluene
Concen: 45.436 ng
RT: 13.928 min Scan# 1843
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

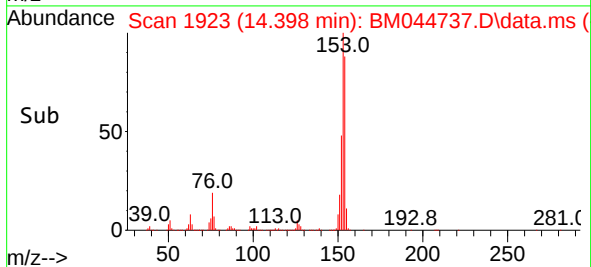
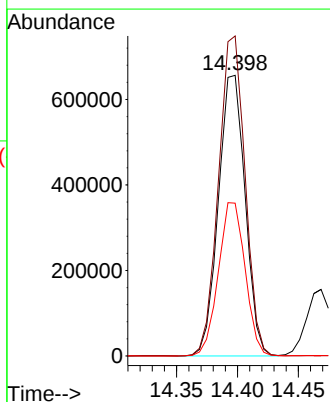
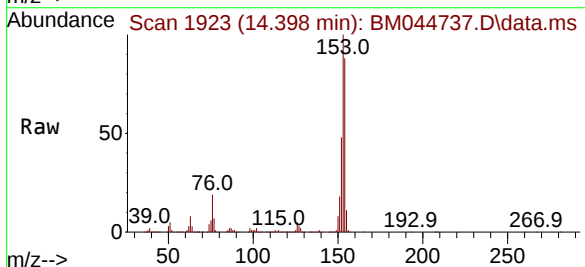
Instrument :
BNA_M
ClientSampleId :
PB159733BSD

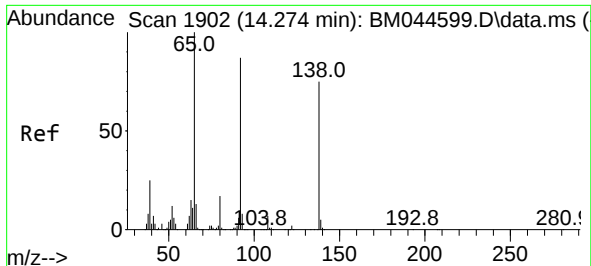
Tgt Ion:165 Resp: 283436
Ion Ratio Lower Upper
165 100
63 62.9 50.4 75.6
89 62.3 49.3 73.9



#52
Acenaphthene
Concen: 43.982 ng
RT: 14.398 min Scan# 1923
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

Tgt Ion:154 Resp: 1003218
Ion Ratio Lower Upper
154 100
153 114.0 90.3 135.5
152 54.4 43.1 64.7

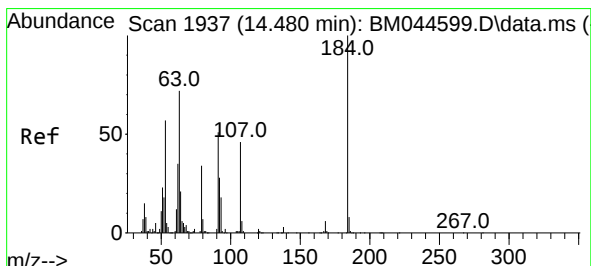
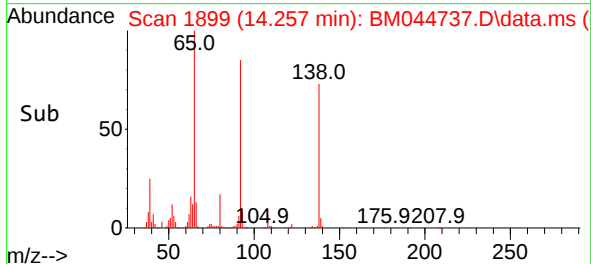
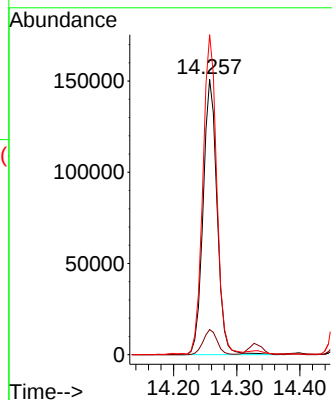
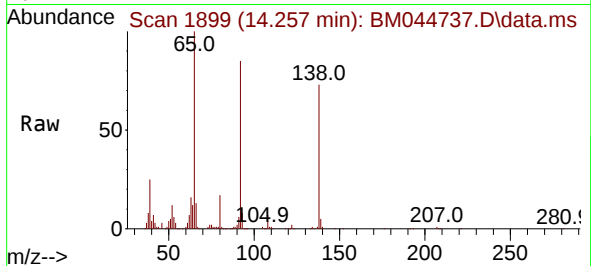




#53
3-Nitroaniline
Concen: 31.789 ng
RT: 14.257 min Scan# 1899
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

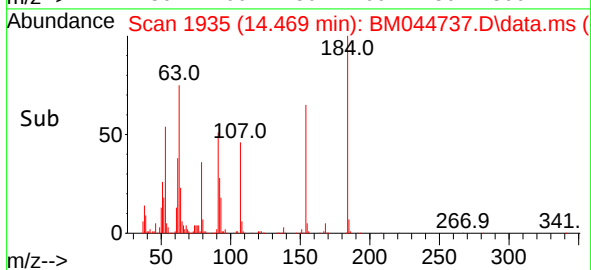
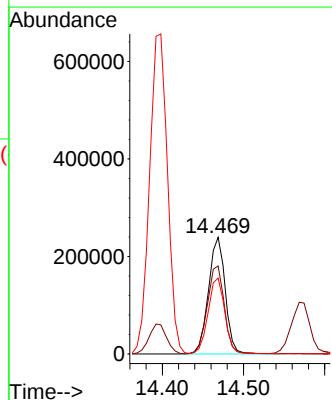
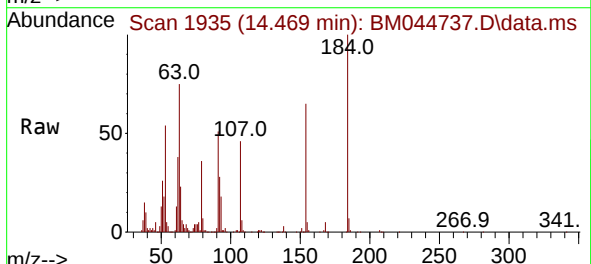
Instrument :
BNA_M
ClientSampleId :
PB159733BSD

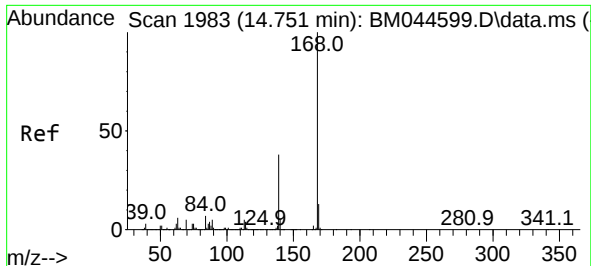
Tgt Ion:138 Resp: 232210
Ion Ratio Lower Upper
138 100
108 9.1 7.5 11.3
92 116.2 92.8 139.2



#54
2,4-Dinitrophenol
Concen: 83.783 ng
RT: 14.469 min Scan# 1935
Delta R.T. -0.011 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

Tgt Ion:184 Resp: 342869
Ion Ratio Lower Upper
184 100
63 75.4 62.2 93.2
154 65.1 47.9 71.9

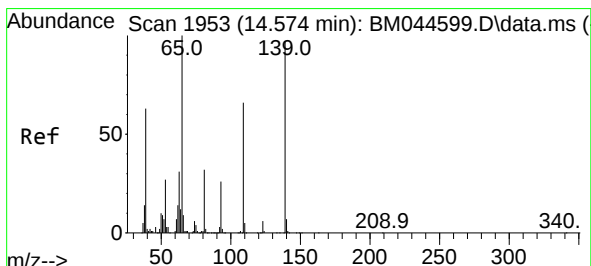
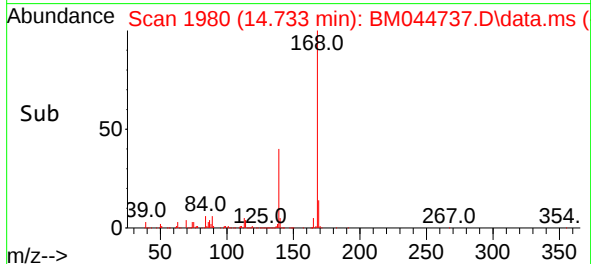
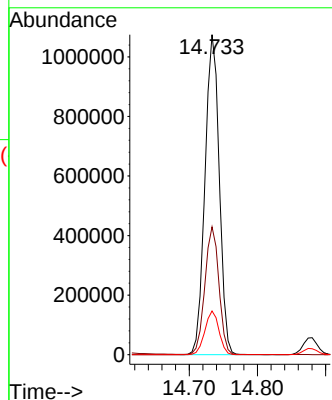
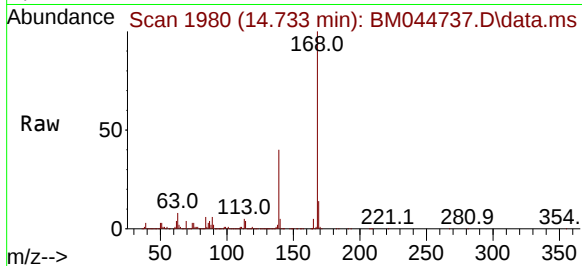




#55
Dibenzofuran
Concen: 43.318 ng
RT: 14.733 min Scan# 1983
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

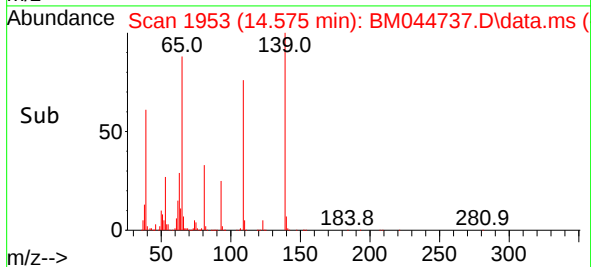
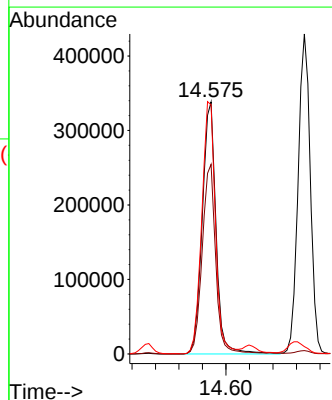
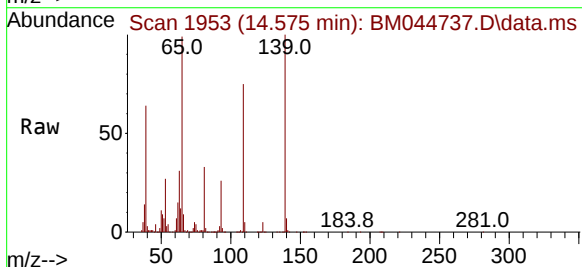
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BNA_M
ClientSampleId :
PB159733BSD

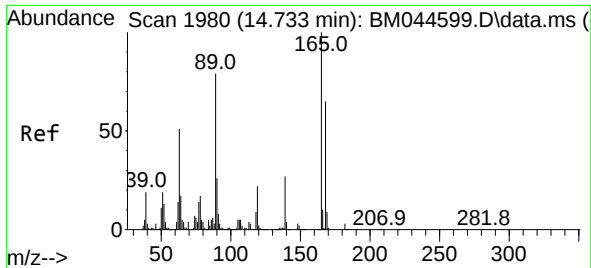
Tgt Ion:168 Resp: 1568170
Ion Ratio Lower Upper
168 100
139 40.0 30.6 46.0
169 13.6 10.6 16.0



#56
4-Nitrophenol
Concen: 91.682 ng
RT: 14.575 min Scan# 1953
Delta R.T. 0.001 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

Tgt Ion:139 Resp: 550019
Ion Ratio Lower Upper
139 100
109 75.3 48.0 88.0
65 98.9 83.5 123.5

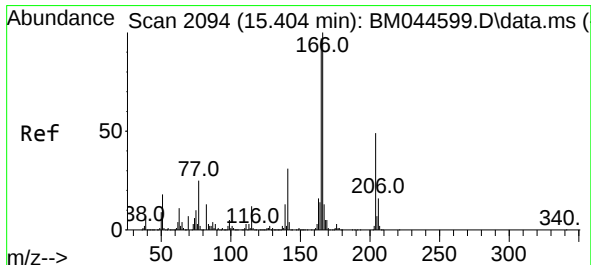
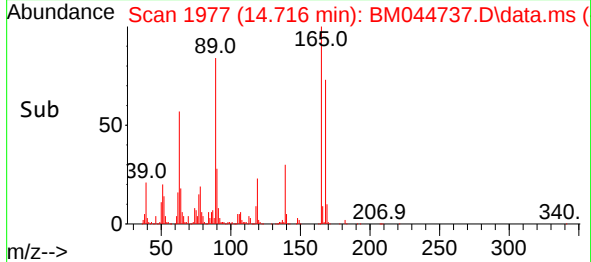
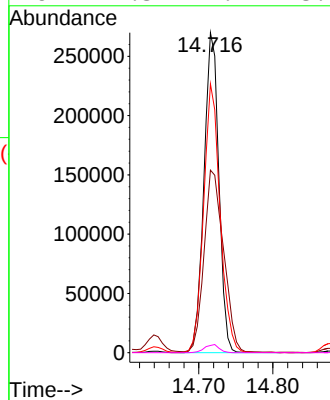
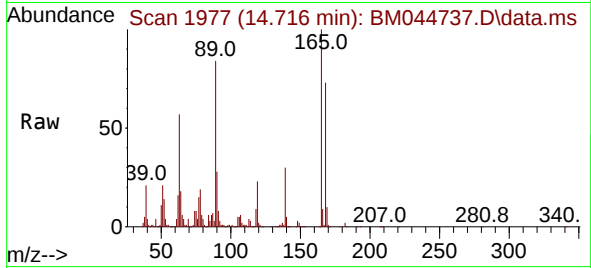




#57
2,4-Dinitrotoluene
Concen: 46.404 ng
RT: 14.716 min Scan# 1980
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

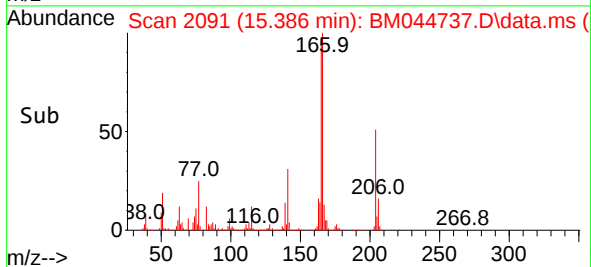
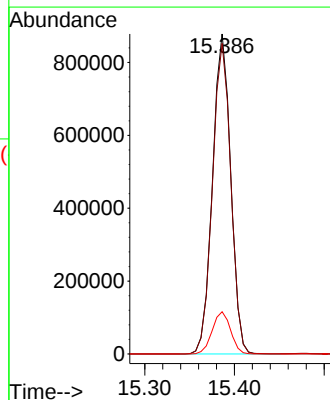
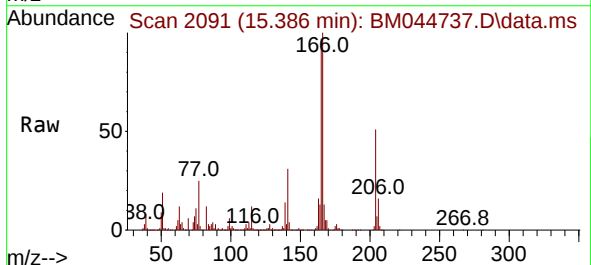
Instrument :
BNA_M
ClientSampleId :
PB159733BSD

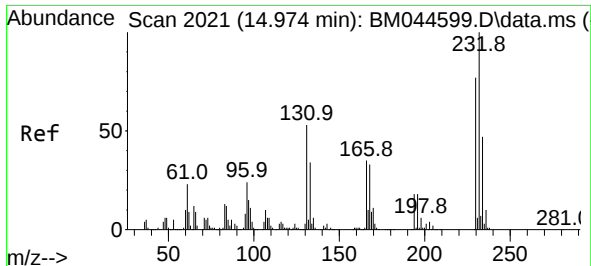
Tgt Ion:165 Resp: 378238
Ion Ratio Lower Upper
165 100
63 57.0 40.9 61.3
89 84.0 63.4 95.0
182 2.3 2.1 3.1



#58
Fluorene
Concen: 43.828 ng
RT: 15.386 min Scan# 2091
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

Tgt Ion:166 Resp: 1235579
Ion Ratio Lower Upper
166 100
165 97.0 77.7 116.5
167 13.2 10.8 16.2

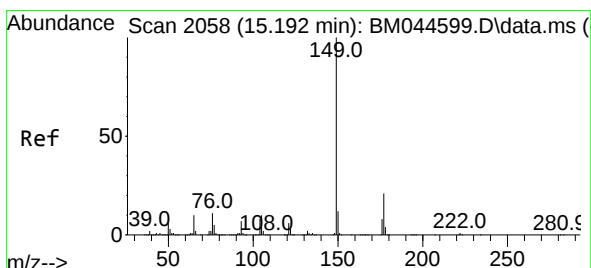
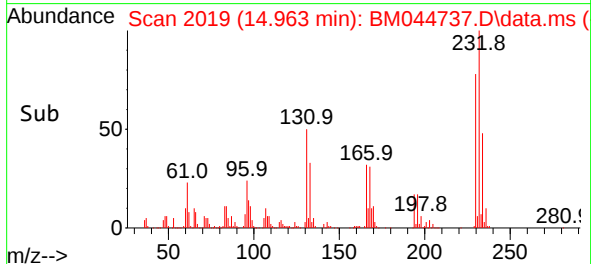
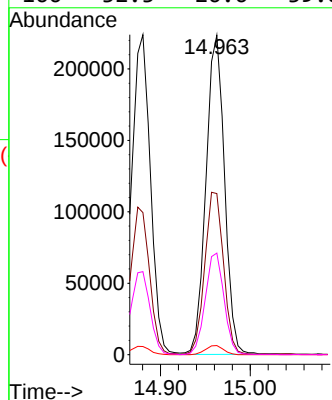
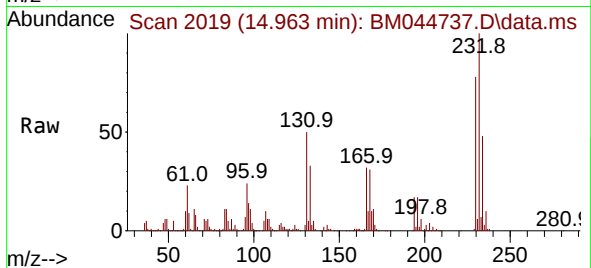




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.450 ng
RT: 14.963 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

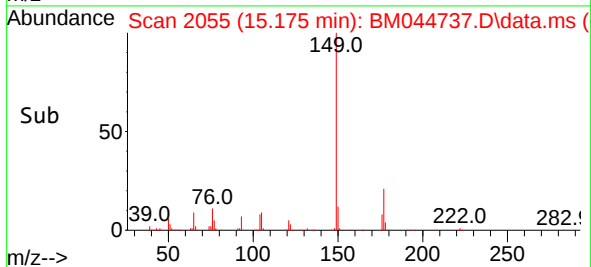
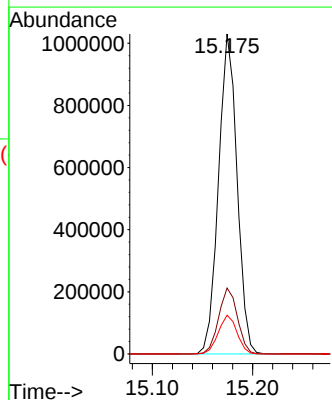
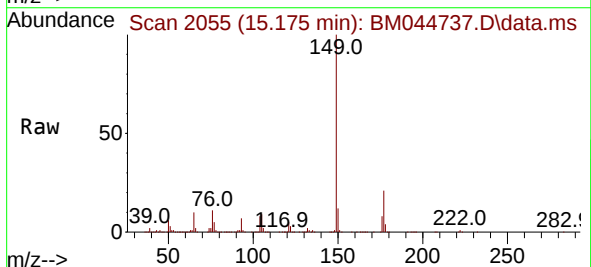
Instrument :
BNA_M
ClientSampleId :
PB159733BSD

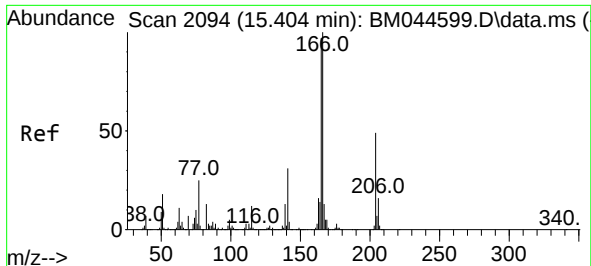
Tgt Ion:232 Resp: 320876
Ion Ratio Lower Upper
232 100
131 51.4 41.0 61.4
130 2.8 2.1 3.1
166 32.3 26.6 39.8



#60
Diethylphthalate
Concen: 43.558 ng
RT: 15.175 min Scan# 2055
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

Tgt Ion:149 Resp: 1320882
Ion Ratio Lower Upper
149 100
177 20.6 16.8 25.2
150 12.1 9.8 14.8

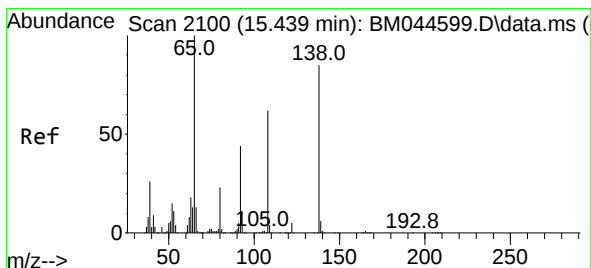
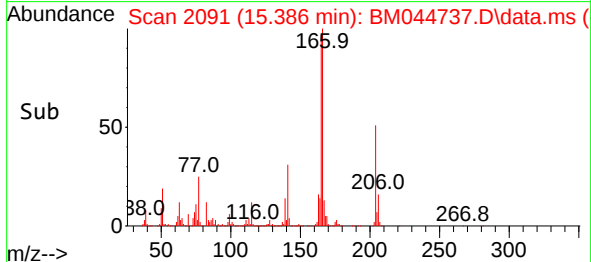
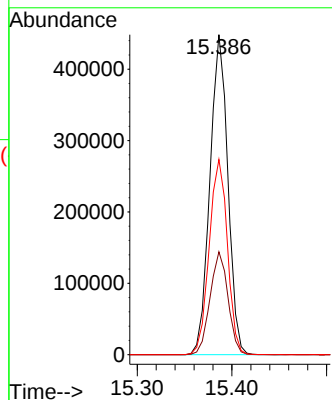
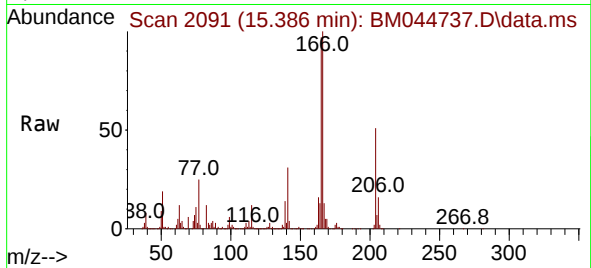




#61
4-Chlorophenyl-phenylether
Concen: 43.604 ng
RT: 15.386 min Scan# 2091
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

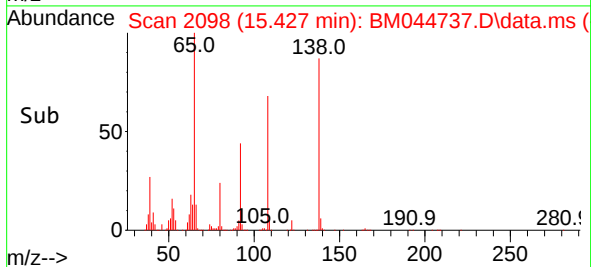
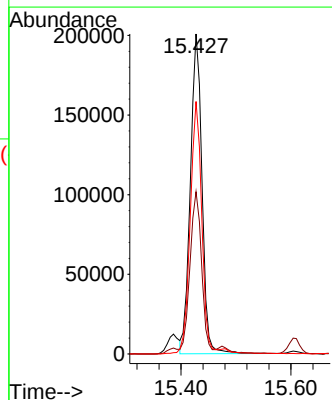
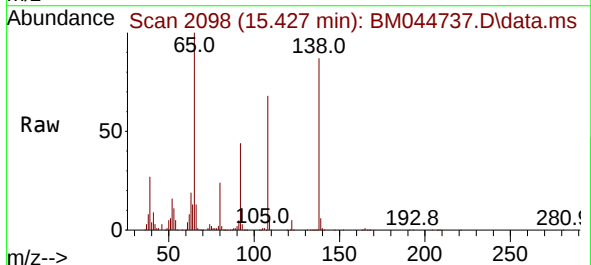
Instrument :
BNA_M
ClientSampleId :
PB159733BSD

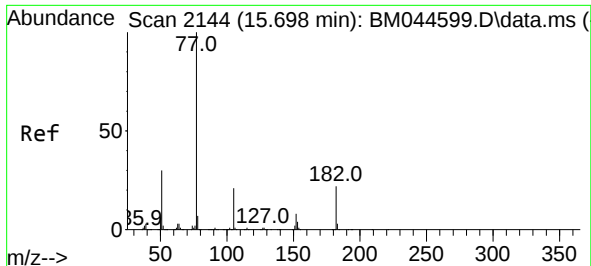
Tgt Ion:204 Resp: 590122
Ion Ratio Lower Upper
204 100
206 32.2 25.9 38.9
141 61.0 49.8 74.8



#62
4-Nitroaniline
Concen: 40.392 ng
RT: 15.427 min Scan# 2098
Delta R.T. -0.012 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

Tgt Ion:138 Resp: 294731
Ion Ratio Lower Upper
138 100
92 50.7 31.9 71.9
108 78.9 53.7 93.7

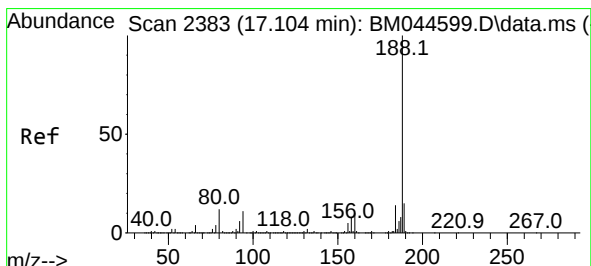
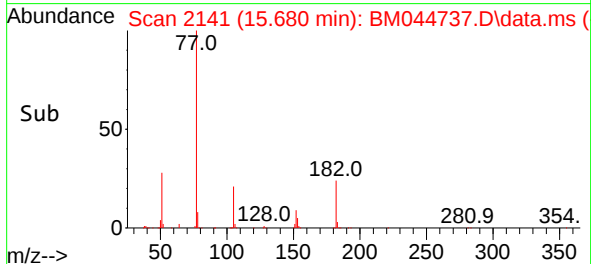
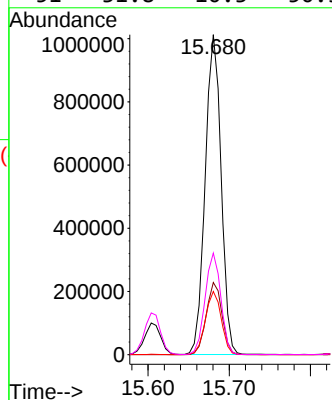
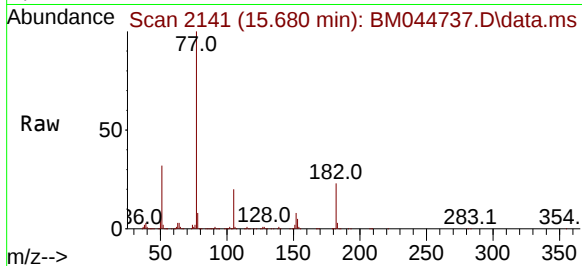




#63
Azobenzene
Concen: 43.892 ng
RT: 15.680 min Scan# 2141
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

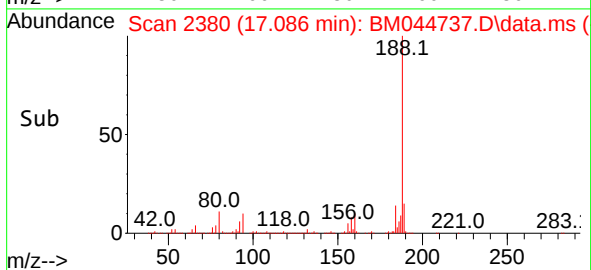
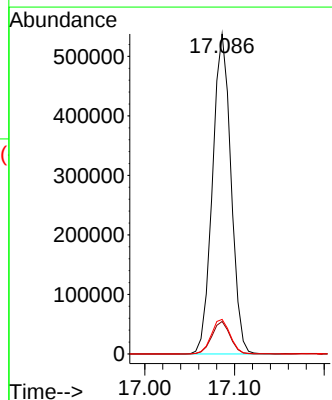
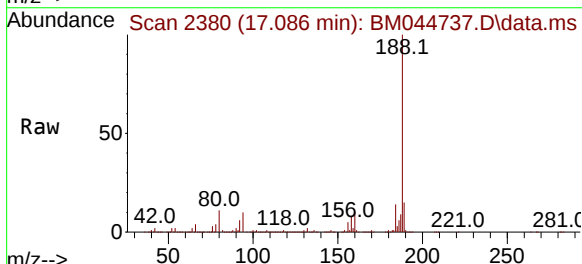
Instrument :
BNA_M
ClientSampleId :
PB159733BSD

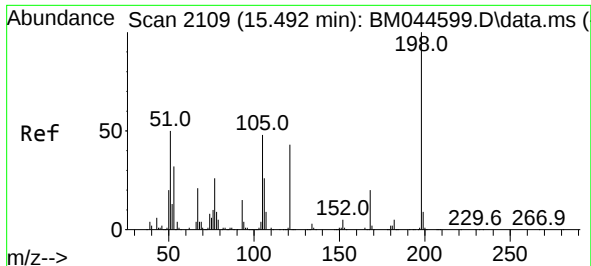
Tgt Ion: 77 Resp: 1375861
Ion Ratio Lower Upper
77 100
182 22.5 1.8 41.8
105 19.7 0.7 40.7
51 31.8 10.3 50.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.086 min Scan# 2380
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

Tgt Ion:188 Resp: 769275
Ion Ratio Lower Upper
188 100
94 10.1 8.4 12.6
80 10.8 9.4 14.0

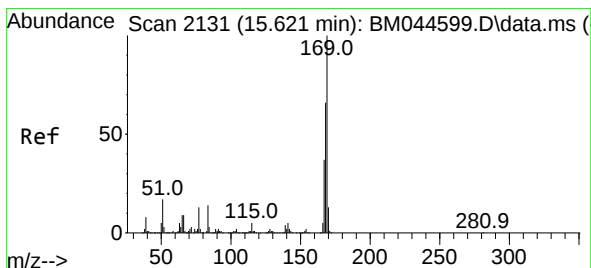
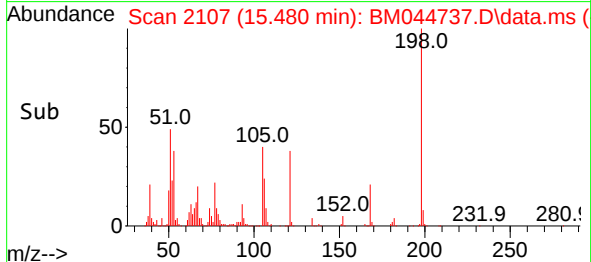
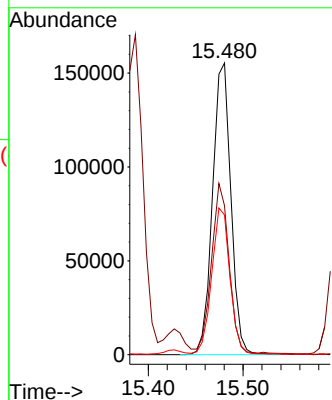
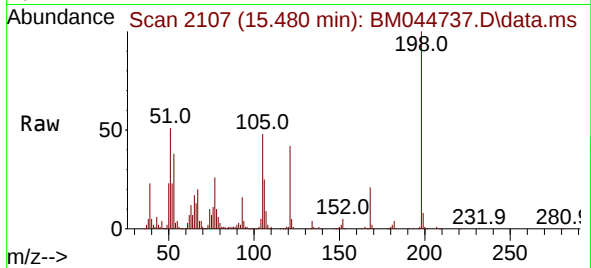




#65
4,6-Dinitro-2-methylphenol
Concen: 43.358 ng
RT: 15.480 min Scan# 2107
Delta R.T. -0.012 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

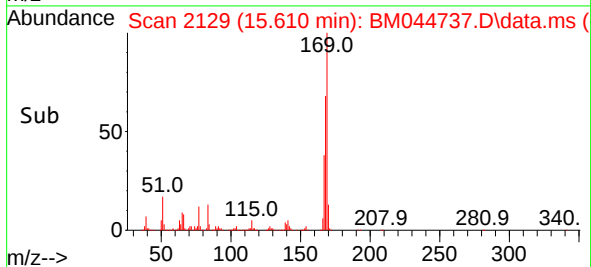
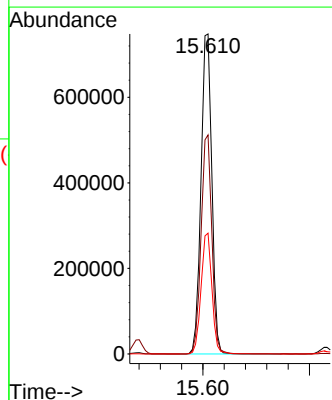
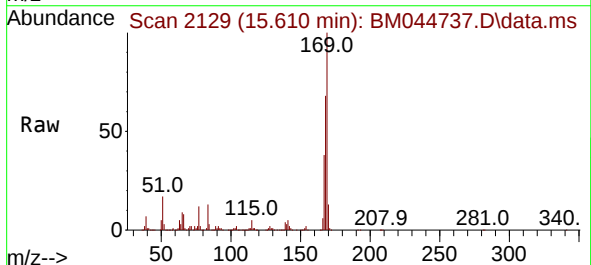
Instrument :
BNA_M
ClientSampleId :
PB159733BSD

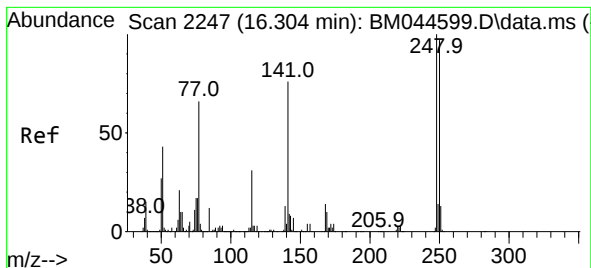
Tgt Ion:198 Resp: 209173
Ion Ratio Lower Upper
198 100
51 51.1 35.0 75.0
105 47.9 28.5 68.5



#66
n-Nitrosodiphenylamine
Concen: 43.928 ng
RT: 15.610 min Scan# 2129
Delta R.T. -0.011 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

Tgt Ion:169 Resp: 1053180
Ion Ratio Lower Upper
169 100
168 68.5 53.1 79.7
167 37.8 29.5 44.3

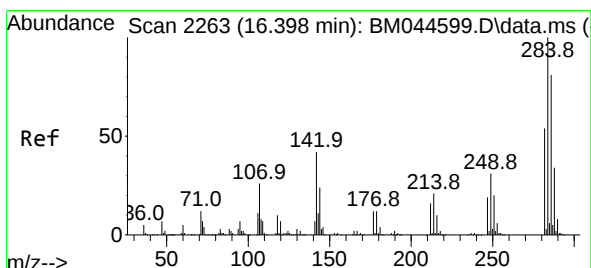
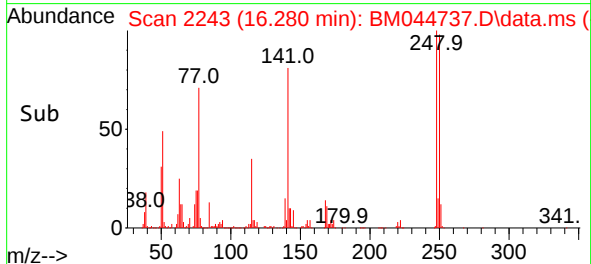
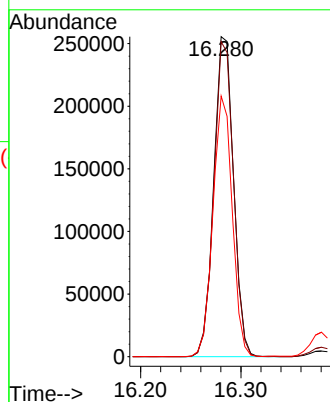
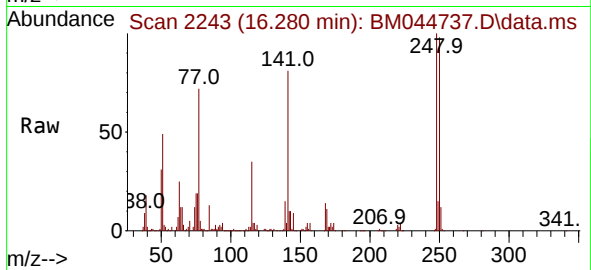




#67
4-Bromophenyl-phenylether
Concen: 44.015 ng
RT: 16.280 min Scan# 21
Delta R.T. -0.023 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

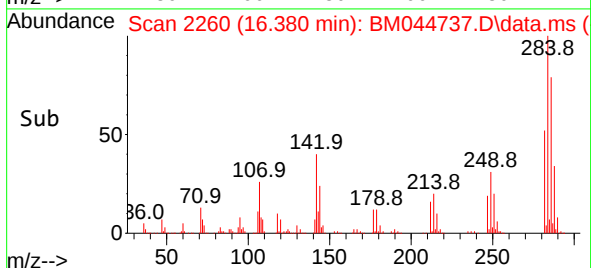
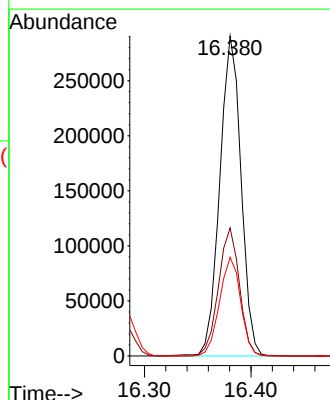
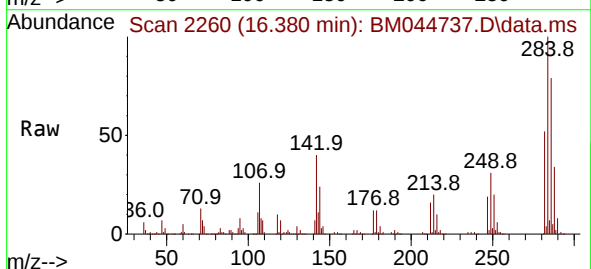
Instrument :
BNA_M
ClientSampleId :
PB159733BSD

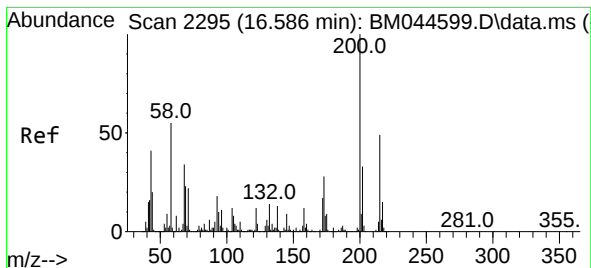
Tgt Ion:248 Resp: 350230
Ion Ratio Lower Upper
248 100
250 98.5 77.8 116.8
141 81.4 60.6 90.8



#68
Hexachlorobenzene
Concen: 47.439 ng
RT: 16.380 min Scan# 2260
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

Tgt Ion:284 Resp: 401255
Ion Ratio Lower Upper
284 100
142 40.0 33.7 50.5
249 30.8 24.8 37.2





#69

Atrazine

Concen: 39.470 ng

RT: 16.569 min Scan# 21

Delta R.T. -0.017 min

Lab File: BM044737.D

Acq: 22 Mar 2024 16:37

Instrument :

BNA_M

ClientSampleId :

PB159733BSD

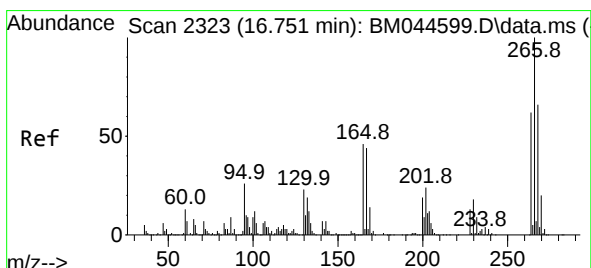
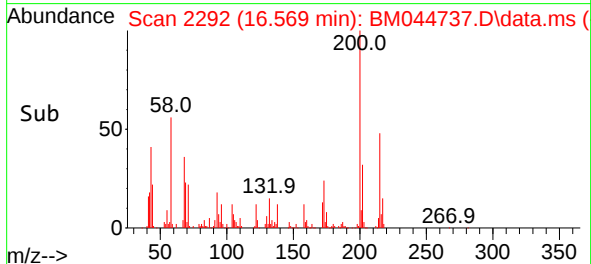
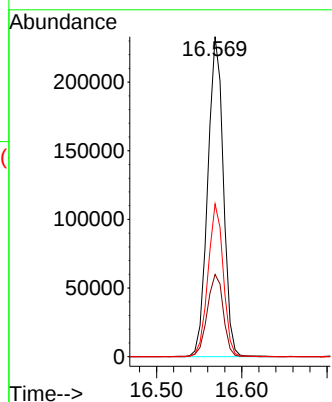
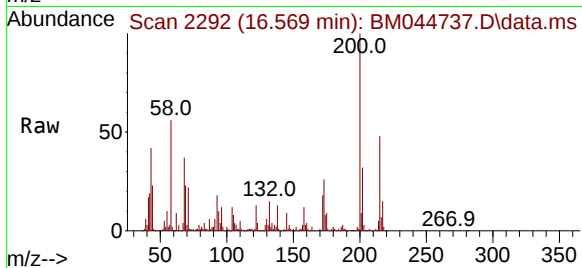
Tgt Ion:200 Resp: 295701

Ion Ratio Lower Upper

200 100

173 25.7 7.7 47.7

215 47.8 28.7 68.7



#70

Pentachlorophenol

Concen: 90.085 ng

RT: 16.733 min Scan# 2320

Delta R.T. -0.017 min

Lab File: BM044737.D

Acq: 22 Mar 2024 16:37

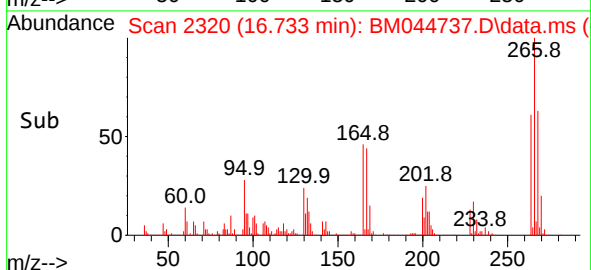
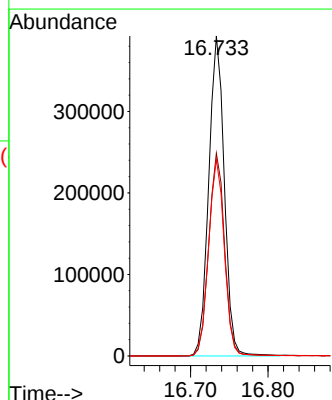
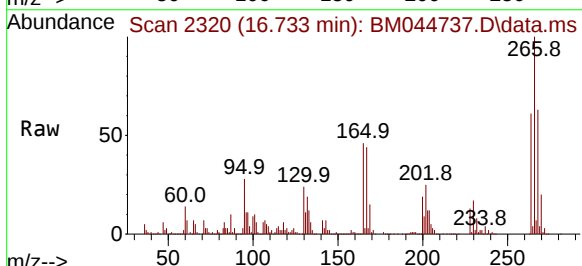
Tgt Ion:266 Resp: 548095

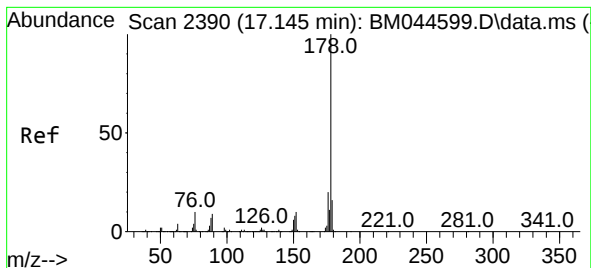
Ion Ratio Lower Upper

266 100

268 63.4 52.4 78.6

264 61.4 49.8 74.8





#71

Phenanthrene

Concen: 43.160 ng

RT: 17.127 min Scan# 21

Delta R.T. -0.017 min

Lab File: BM044737.D

Acq: 22 Mar 2024 16:37

Instrument :

BNA_M

ClientSampleId :

PB159733BSD

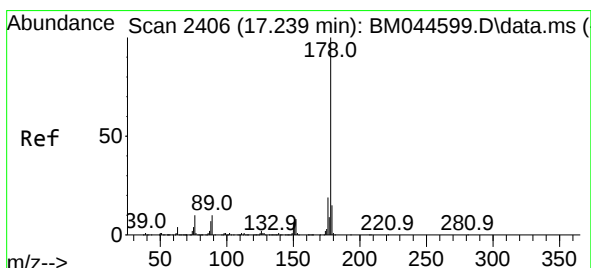
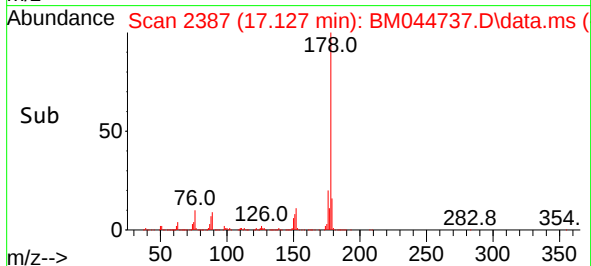
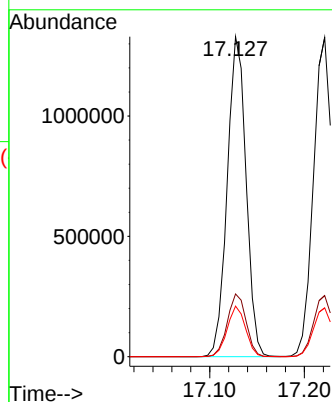
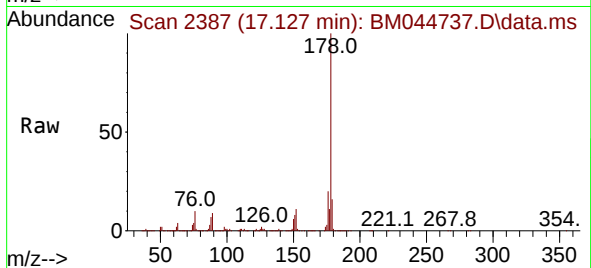
Tgt Ion:178 Resp: 1834796

Ion Ratio Lower Upper

178 100

176 19.6 15.7 23.5

179 15.8 12.4 18.6



#72

Anthracene

Concen: 43.779 ng

RT: 17.221 min Scan# 2403

Delta R.T. -0.017 min

Lab File: BM044737.D

Acq: 22 Mar 2024 16:37

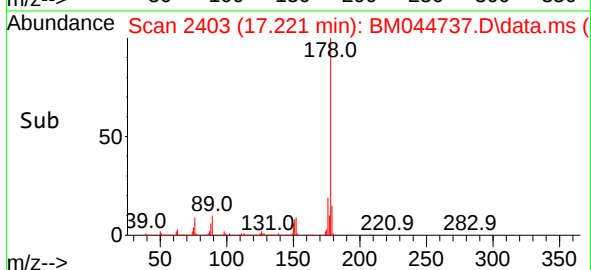
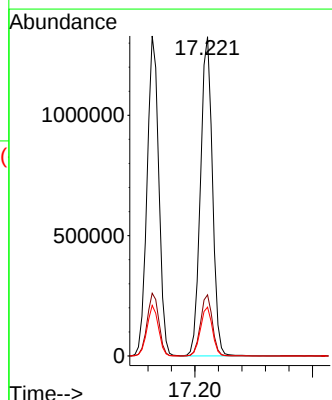
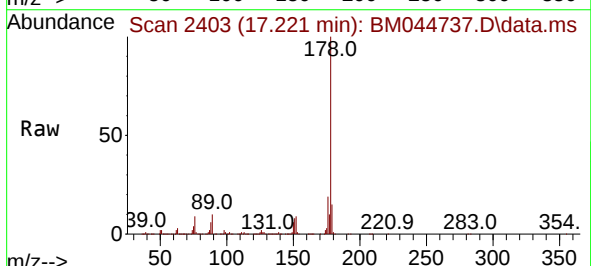
Tgt Ion:178 Resp: 1866616

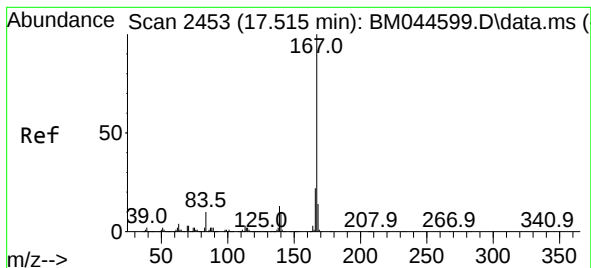
Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 15.3 12.2 18.4





#73

Carbazole

Concen: 44.031 ng

RT: 17.498 min Scan# 24

Delta R.T. -0.017 min

Lab File: BM044737.D

Acq: 22 Mar 2024 16:37

Instrument :

BNA_M

ClientSampleId :

PB159733BSD

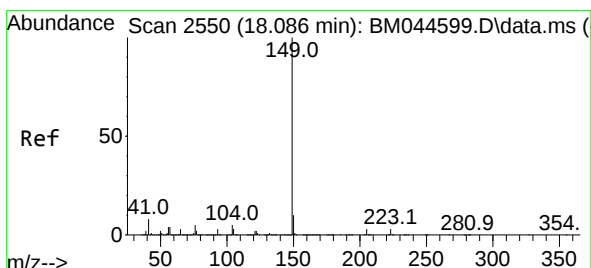
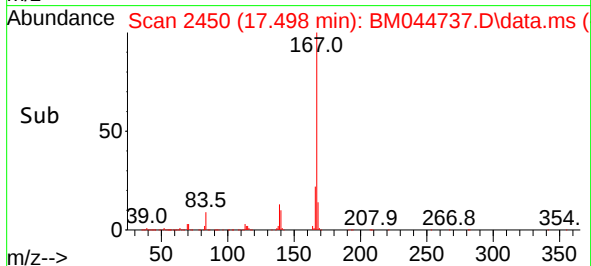
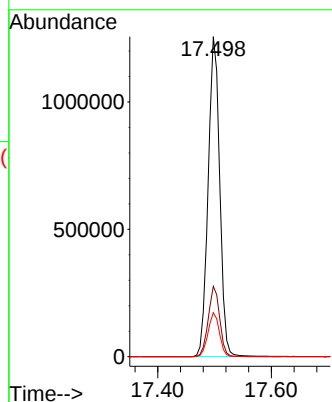
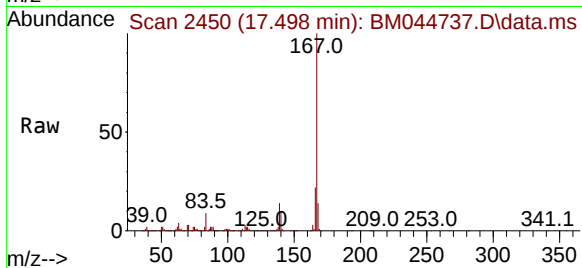
Tgt Ion:167 Resp: 1768145

Ion Ratio Lower Upper

167 100

166 22.0 17.2 25.8

139 13.8 10.6 15.8



#74

Di-n-butylphthalate

Concen: 44.201 ng

RT: 18.068 min Scan# 2547

Delta R.T. -0.017 min

Lab File: BM044737.D

Acq: 22 Mar 2024 16:37

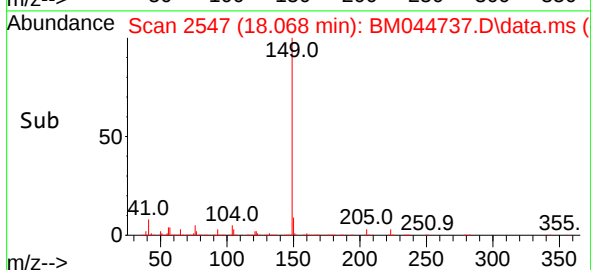
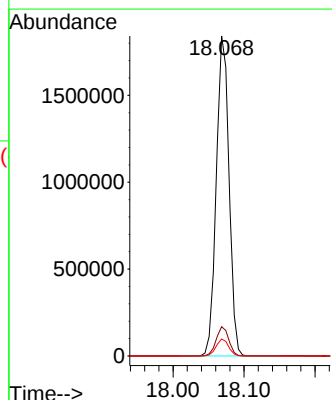
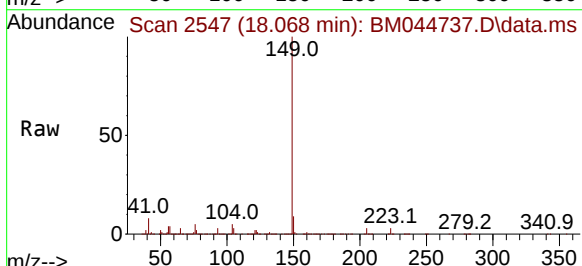
Tgt Ion:149 Resp: 2287133

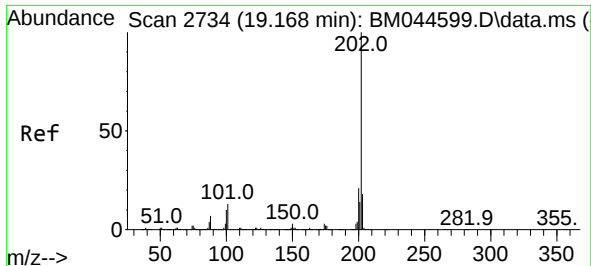
Ion Ratio Lower Upper

149 100

150 9.1 7.6 11.4

104 5.3 4.0 6.0

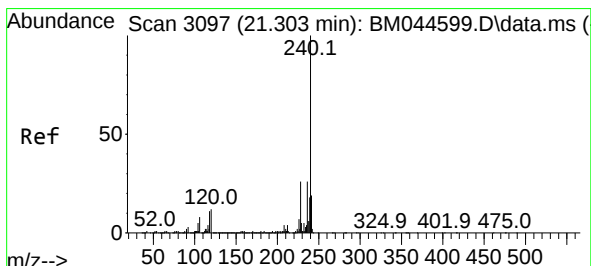
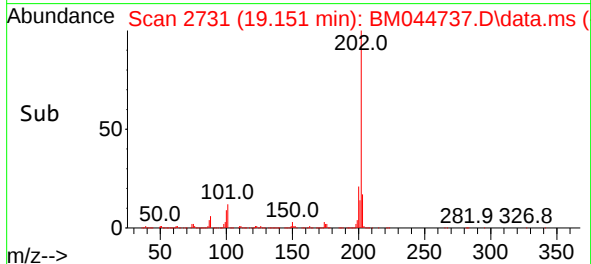
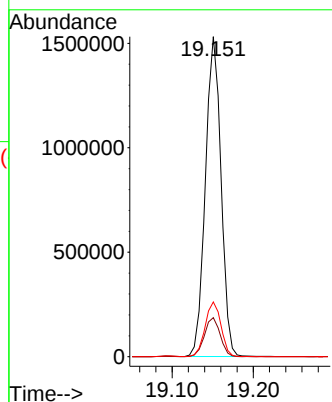
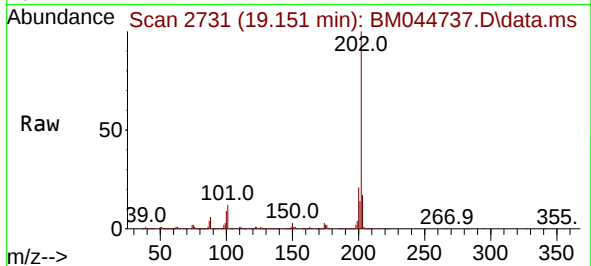




#75
Fluoranthene
Concen: 42.985 ng
RT: 19.151 min Scan# 21
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

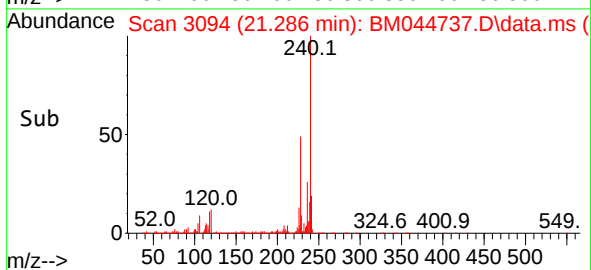
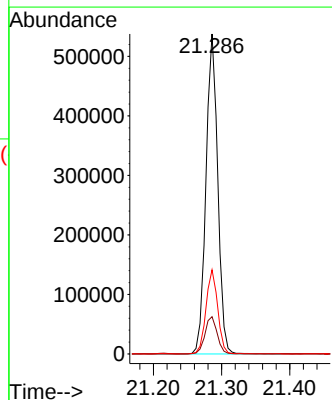
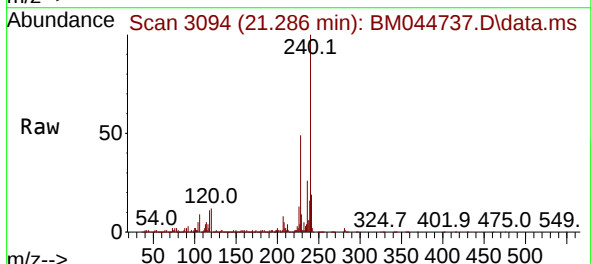
Instrument :
BNA_M
ClientSampleId :
PB159733BSD

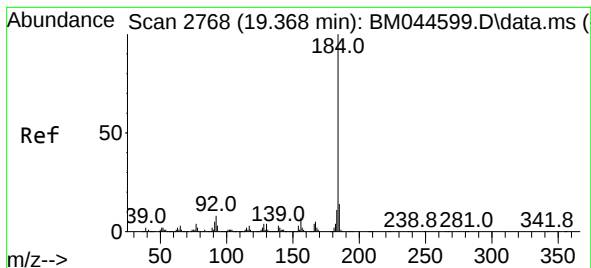
Tgt Ion:202 Resp: 2042748
Ion Ratio Lower Upper
202 100
101 12.2 0.0 33.3
203 17.1 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.286 min Scan# 3094
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

Tgt Ion:240 Resp: 646485
Ion Ratio Lower Upper
240 100
120 11.7 9.7 14.5
236 26.3 21.0 31.4





#77

Benzidine

Concen: 34.303 ng

RT: 19.357 min Scan# 21

Delta R.T. -0.011 min

Lab File: BM044737.D

Acq: 22 Mar 2024 16:37

Instrument :

BNA_M

ClientSampleId :

PB159733BSD

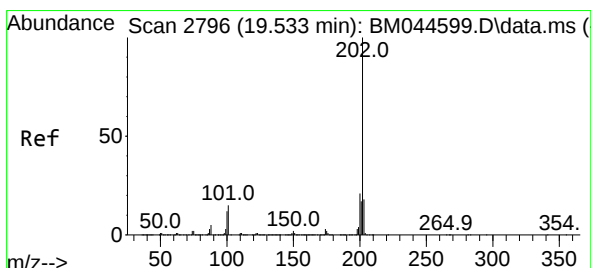
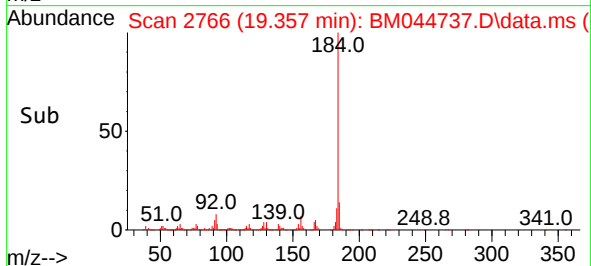
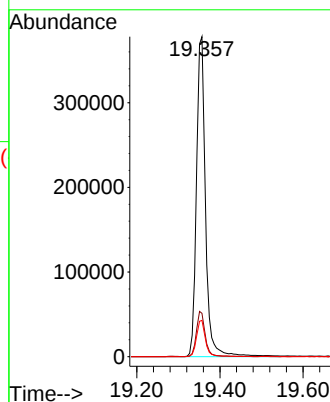
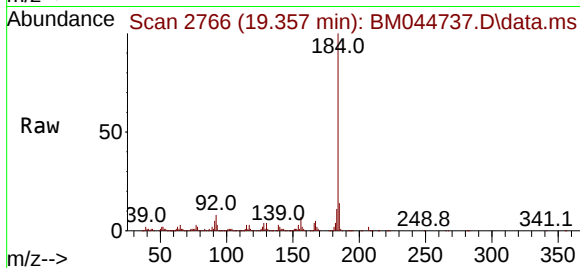
Tgt Ion:184 Resp: 573160

Ion Ratio Lower Upper

184 100

185 13.6 11.0 16.6

183 11.4 8.7 13.1



#78

Pyrene

Concen: 45.070 ng

RT: 19.515 min Scan# 2793

Delta R.T. -0.018 min

Lab File: BM044737.D

Acq: 22 Mar 2024 16:37

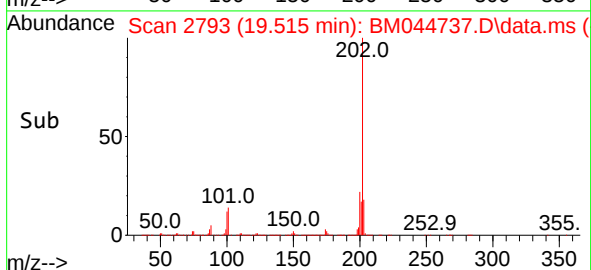
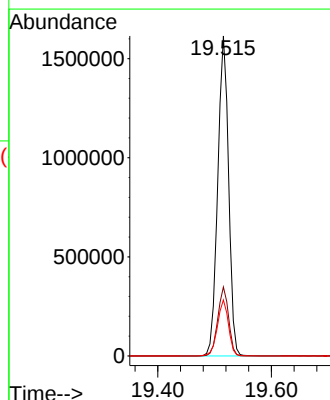
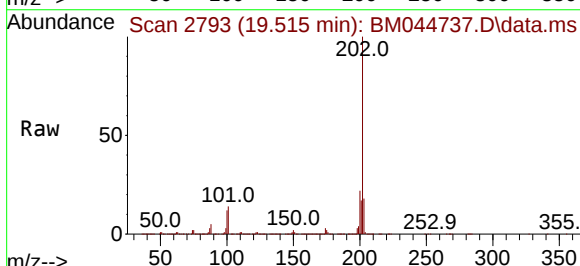
Tgt Ion:202 Resp: 2135496

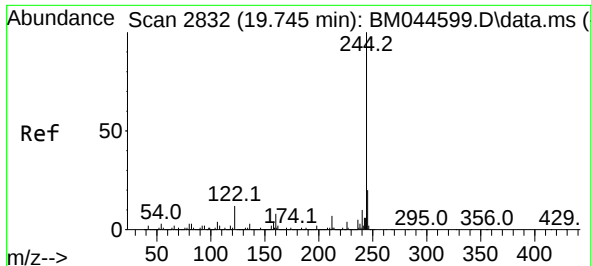
Ion Ratio Lower Upper

202 100

200 21.5 17.0 25.4

203 17.5 14.1 21.1

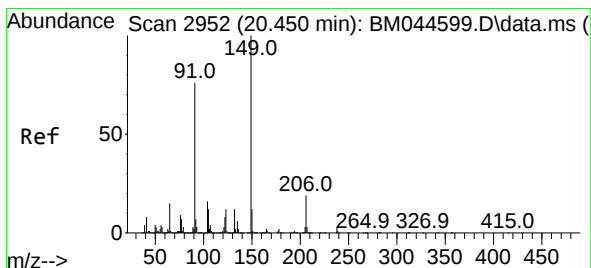
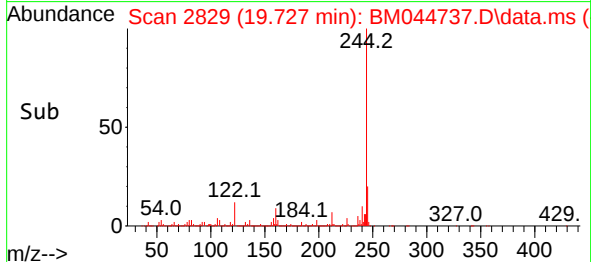
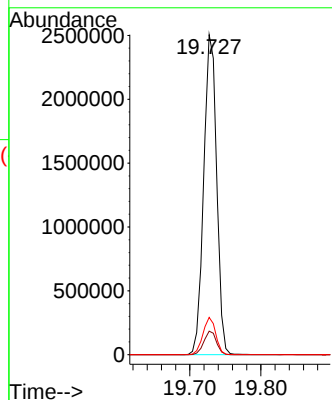
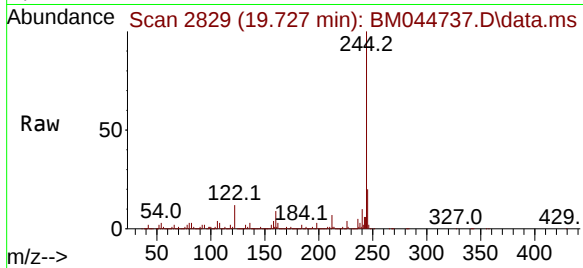




#79
 Terphenyl-d14
 Concen: 86.097 ng
 RT: 19.727 min Scan# 21
 Delta R.T. -0.017 min
 Lab File: BM044737.D
 Acq: 22 Mar 2024 16:37

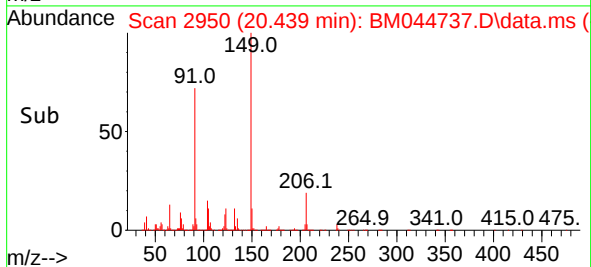
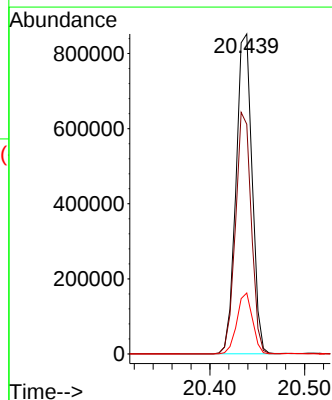
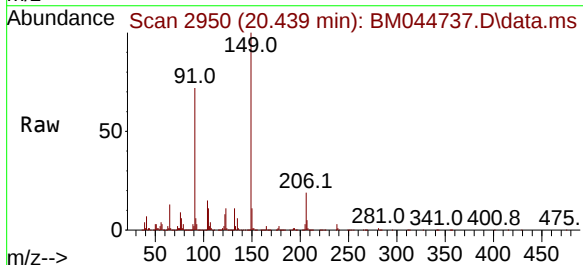
Instrument :
 BNA_M
 ClientSampleId :
 PB159733BSD

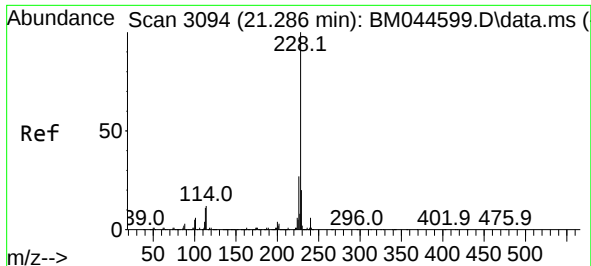
Tgt Ion:244 Resp: 3181763
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.5 8.3
 122 11.7 9.7 14.5



#80
 Butylbenzylphthalate
 Concen: 46.896 ng
 RT: 20.439 min Scan# 2950
 Delta R.T. -0.012 min
 Lab File: BM044737.D
 Acq: 22 Mar 2024 16:37

Tgt Ion:149 Resp: 1001424
 Ion Ratio Lower Upper
 149 100
 91 71.8 61.0 91.6
 206 19.0 15.0 22.6

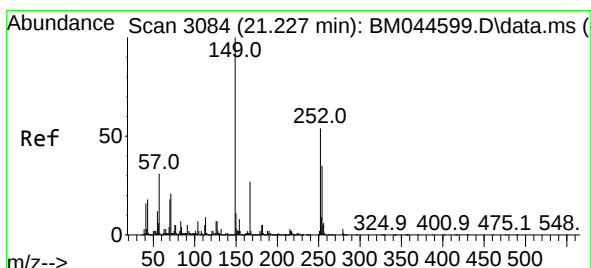
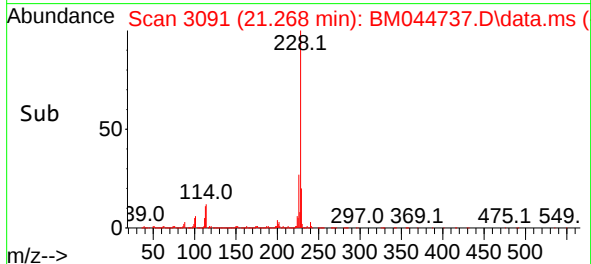
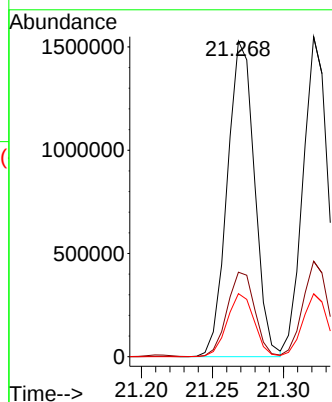
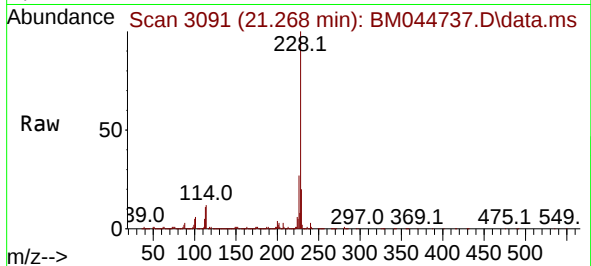




#81
Benzo(a)anthracene
Concen: 45.414 ng
RT: 21.268 min Scan# 3091
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

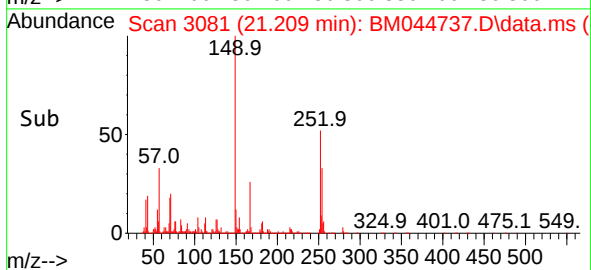
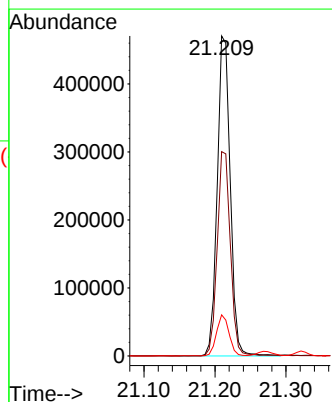
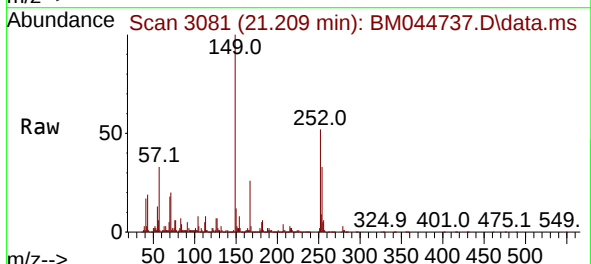
Instrument :
BNA_M
ClientSampleId :
PB159733BSD

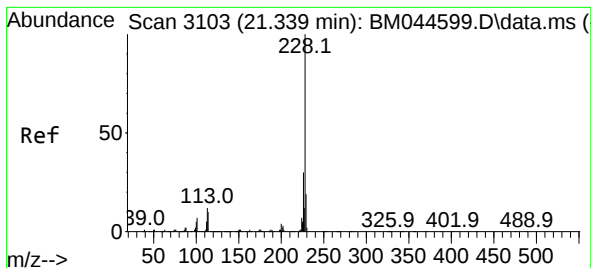
Tgt Ion:228 Resp: 2042812
Ion Ratio Lower Upper
228 100
226 26.8 21.9 32.9
229 20.0 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 38.522 ng
RT: 21.209 min Scan# 3081
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

Tgt Ion:252 Resp: 596800
Ion Ratio Lower Upper
252 100
254 63.8 51.4 77.0
126 12.9 9.8 14.6





#83

Chrysene

Concen: 43.923 ng

RT: 21.321 min Scan# 31

Delta R.T. -0.017 min

Lab File: BM044737.D

Acq: 22 Mar 2024 16:37

Instrument :

BNA_M

ClientSampleId :

PB159733BSD

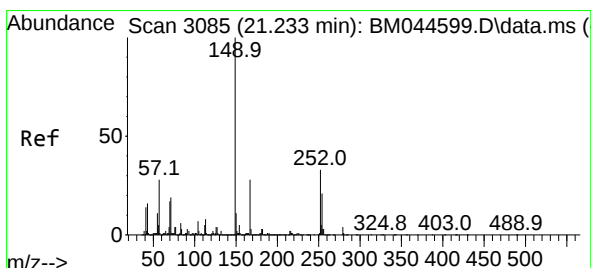
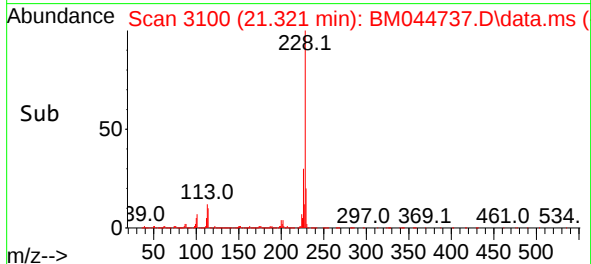
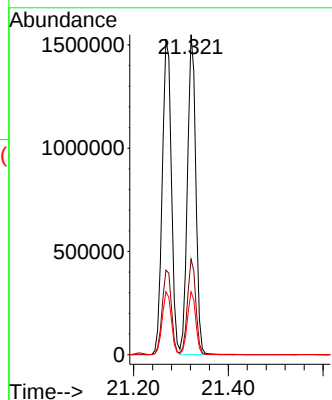
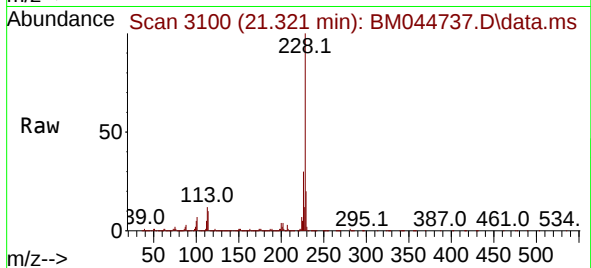
Tgt Ion:228 Resp: 1887974

Ion Ratio Lower Upper

228 100

226 29.8 23.6 35.4

229 19.7 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.863 ng

RT: 21.215 min Scan# 3082

Delta R.T. -0.017 min

Lab File: BM044737.D

Acq: 22 Mar 2024 16:37

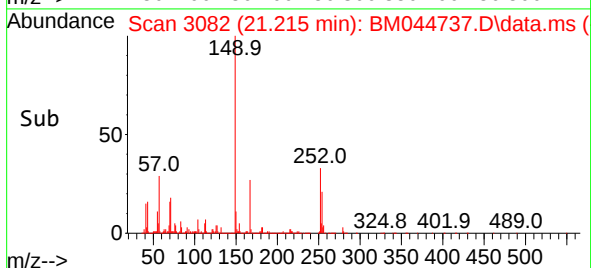
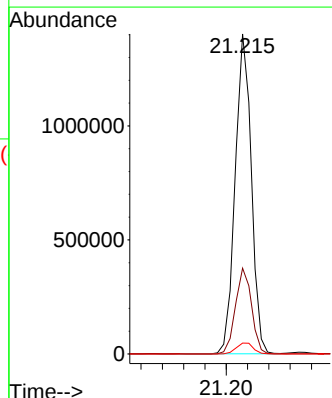
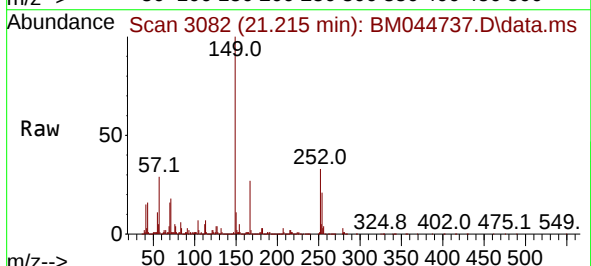
Tgt Ion:149 Resp: 1475462

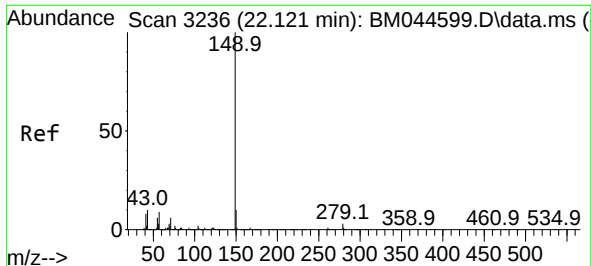
Ion Ratio Lower Upper

149 100

167 26.8 22.1 33.1

279 3.4 3.0 4.4

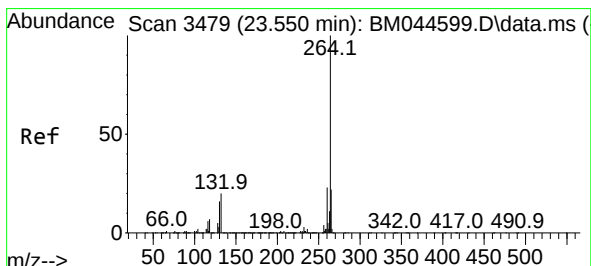
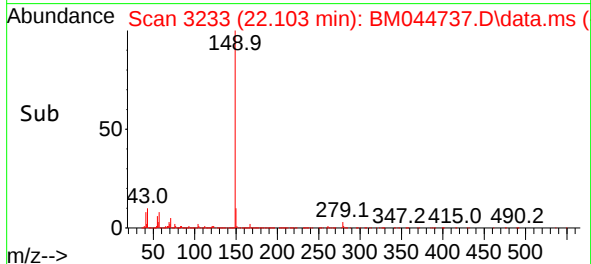
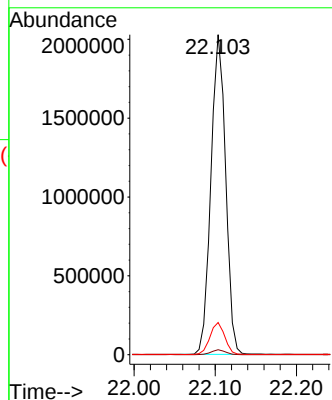
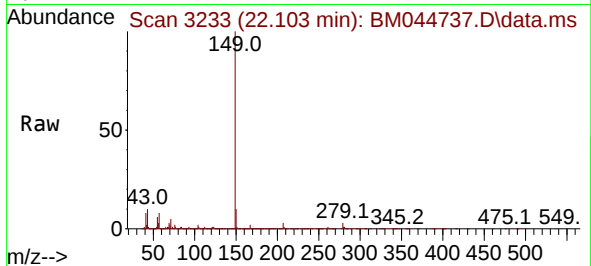




#85
Di-n-octyl phthalate
Concen: 45.609 ng
RT: 22.103 min Scan# 31
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

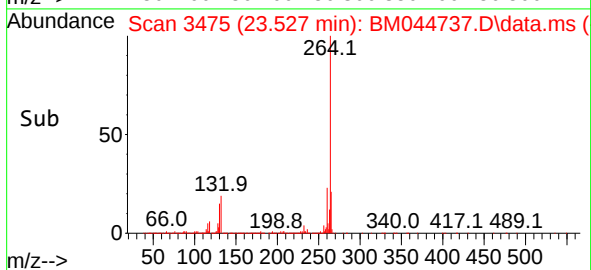
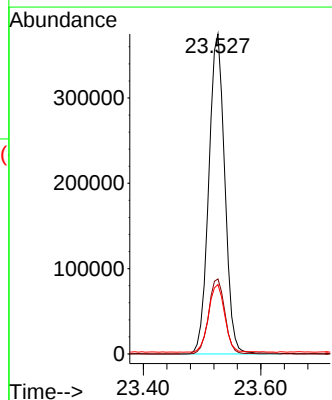
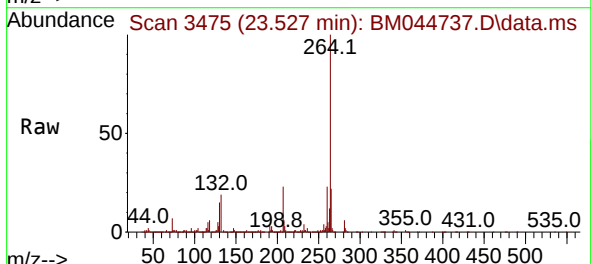
Instrument :
BNA_M
ClientSampleId :
PB159733BSD

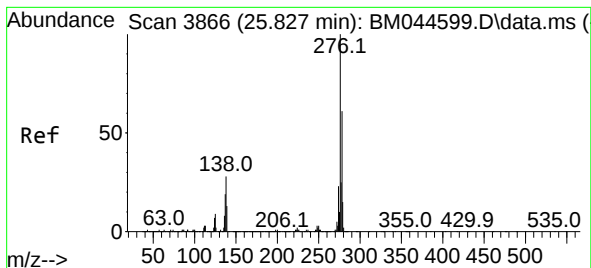
Tgt Ion:149 Resp: 2545106
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.0 7.9 11.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.527 min Scan# 3475
Delta R.T. -0.023 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

Tgt Ion:264 Resp: 708950
Ion Ratio Lower Upper
264 100
260 23.4 18.3 27.5
265 21.7 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.190 ng

RT: 25.791 min Scan# 31

Delta R.T. -0.035 min

Lab File: BM044737.D

Acq: 22 Mar 2024 16:37

Instrument :

BNA_M

ClientSampleId :

PB159733BSD

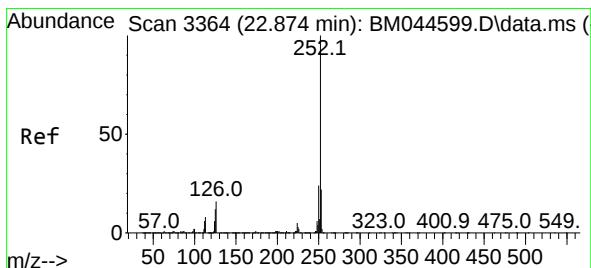
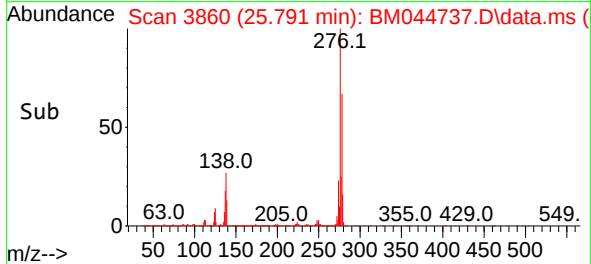
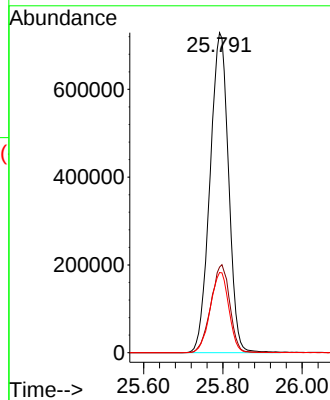
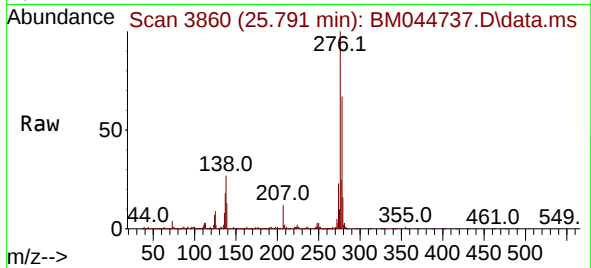
Tgt Ion:276 Resp: 2367291

Ion Ratio Lower Upper

276 100

138 28.1 23.6 35.4

277 25.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 50.703 ng

RT: 22.856 min Scan# 3361

Delta R.T. -0.017 min

Lab File: BM044737.D

Acq: 22 Mar 2024 16:37

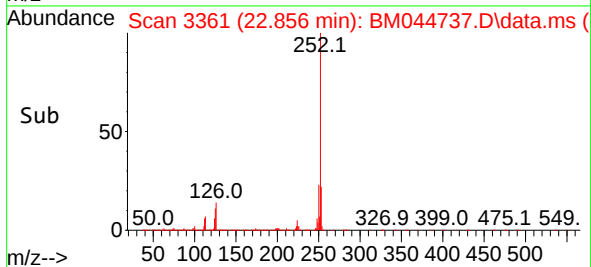
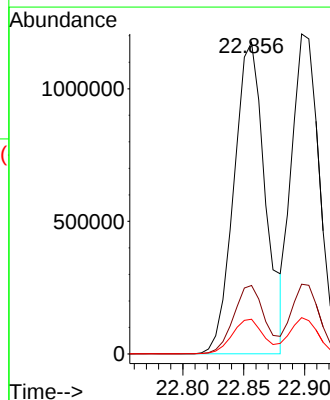
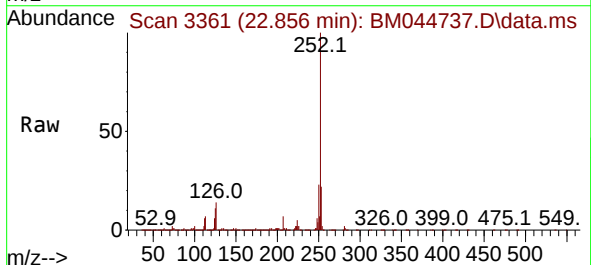
Tgt Ion:252 Resp: 2112426

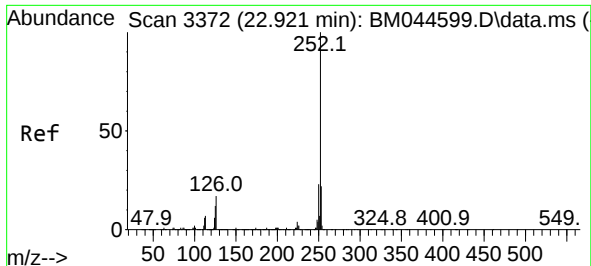
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

125 11.2 9.6 14.4

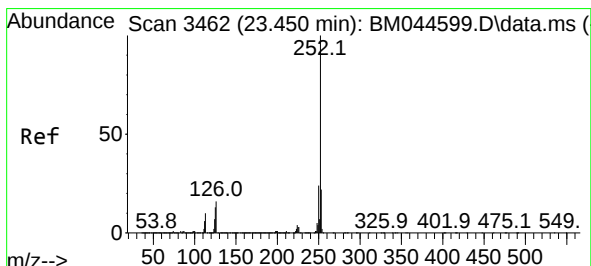
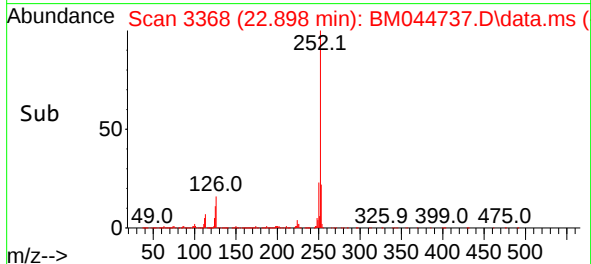
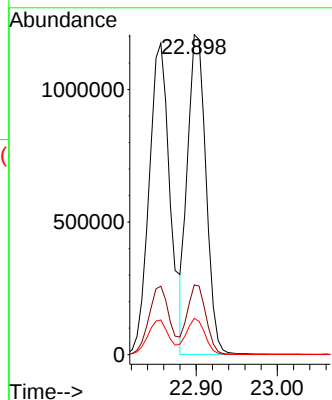
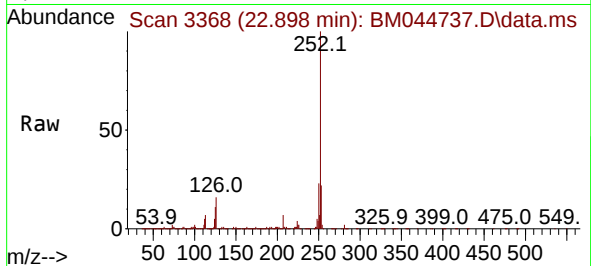




#89
Benzo(k)fluoranthene
Concen: 44.608 ng
RT: 22.898 min Scan# 31
Delta R.T. -0.023 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

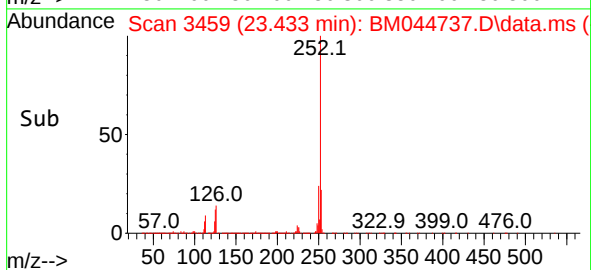
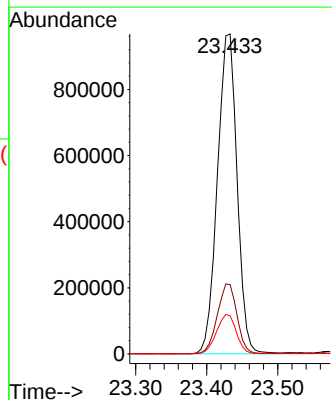
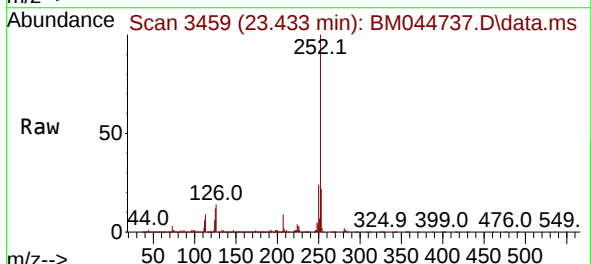
Instrument :
BNA_M
ClientSampleId :
PB159733BSD

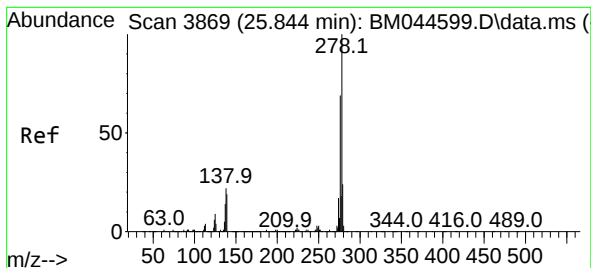
Tgt Ion:252 Resp: 1910593
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 11.3 9.4 14.0



#90
Benzo(a)pyrene
Concen: 45.643 ng
RT: 23.433 min Scan# 3459
Delta R.T. -0.017 min
Lab File: BM044737.D
Acq: 22 Mar 2024 16:37

Tgt Ion:252 Resp: 1854783
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 11.9 10.5 15.7





#91

Dibenzo(a,h)anthracene

Concen: 45.948 ng

RT: 25.809 min Scan# 3

Delta R.T. -0.035 min

Lab File: BM044737.D

Acq: 22 Mar 2024 16:37

Instrument :

BNA_M

ClientSampleId :

PB159733BSD

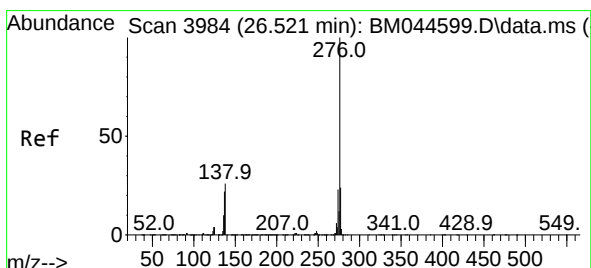
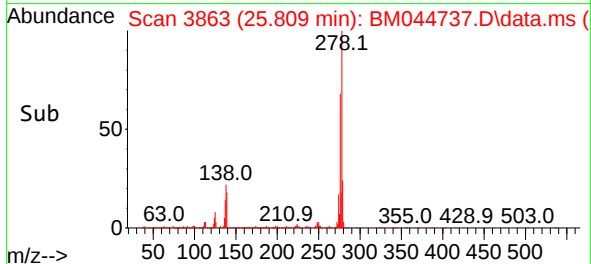
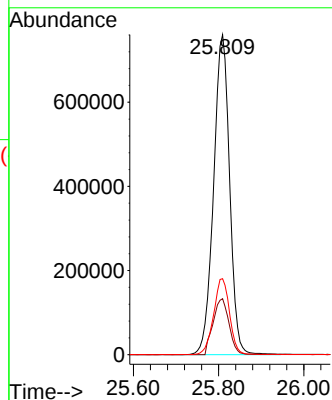
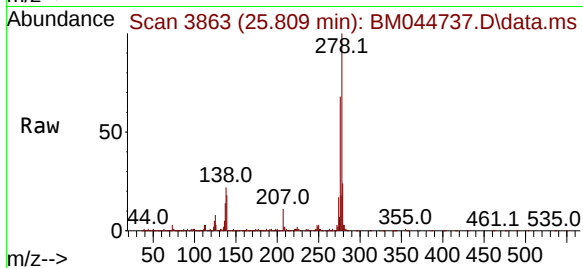
Tgt Ion:278 Resp: 1985254

Ion Ratio Lower Upper

278 100

139 17.5 15.0 22.6

279 23.8 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 44.743 ng

RT: 26.480 min Scan# 3977

Delta R.T. -0.041 min

Lab File: BM044737.D

Acq: 22 Mar 2024 16:37

Tgt Ion:276 Resp: 1902997

Ion Ratio Lower Upper

276 100

277 23.7 19.3 28.9

138 23.5 20.7 31.1

