

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032324\
 Data File : BM044743.D
 Acq On : 22 Mar 2024 20:16
 Operator : MA/JU
 Sample : PB159737BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB159737BS

Quant Time: Mar 22 23:02:43 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	195295	20.000	ng	-0.02
21) Naphthalene-d8	10.463	136	739047	20.000	ng	-0.02
39) Acenaphthene-d10	14.327	164	391511	20.000	ng	-0.02
64) Phenanthrene-d10	17.086	188	708062	20.000	ng	-0.02
76) Chrysene-d12	21.286	240	616039	20.000	ng	-0.02
86) Perylene-d12	23.521	264	698149	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	1861845	136.880	ng	0.00
7) Phenol-d6	6.875	99	2222782	127.023	ng	0.00
23) Nitrobenzene-d5	8.851	82	1368023	89.176	ng	-0.01
42) 2,4,6-Tribromophenol	15.833	330	610053	141.274	ng	-0.01
45) 2-Fluorobiphenyl	12.945	172	2551247	89.745	ng	-0.02
79) Terphenyl-d14	19.727	244	3232769	91.800	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.299	88	217005	37.956	ng	96
3) Pyridine	3.681	79	557204	35.242	ng	97
4) n-Nitrosodimethylamine	3.610	42	297153	46.898	ng	92
6) Aniline	7.034	93	452849	21.850	ng	99
8) 2-Chlorophenol	7.257	128	637934	47.086	ng	99
9) Benzaldehyde	6.851	77	171615	18.725	ng	98
10) Phenol	6.898	94	792908	45.370	ng	96
11) bis(2-Chloroethyl)ether	7.134	93	632245	44.309	ng	100
12) 1,3-Dichlorobenzene	7.575	146	690852	47.424	ng	99
13) 1,4-Dichlorobenzene	7.722	146	700523	47.713	ng	99
14) 1,2-Dichlorobenzene	8.034	146	670196	47.866	ng	100
15) Benzyl Alcohol	7.939	79	516194	44.868	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.204	45	918813	46.444	ng	98
17) 2-Methylphenol	8.134	107	502261	42.140	ng	99
18) Hexachloroethane	8.745	117	270897	49.909	ng	99
19) n-Nitroso-di-n-propyla...	8.498	70	414661	38.801	ng	94
20) 3+4-Methylphenols	8.457	107	679355	42.237	ng	96
22) Acetophenone	8.516	105	904566	46.589	ng	# 98
24) Nitrobenzene	8.892	77	683084	45.045	ng	99
25) Isophorone	9.410	82	1202914	45.447	ng	99
26) 2-Nitrophenol	9.592	139	320760	49.019	ng	98
27) 2,4-Dimethylphenol	9.651	122	414919	36.057	ng	98
28) bis(2-Chloroethoxy)met...	9.892	93	764114	43.473	ng	99
29) 2,4-Dichlorophenol	10.116	162	521677	47.566	ng	99
30) 1,2,4-Trichlorobenzene	10.328	180	558892	47.901	ng	99
31) Naphthalene	10.516	128	1830648	45.135	ng	100
32) Benzoic acid	9.804	122	338582	37.707	ng	99
33) 4-Chloroaniline	10.639	127	334932	19.684	ng	98
34) Hexachlorobutadiene	10.780	225	316883	48.711	ng	98
35) Caprolactam	11.445	113	97377	27.525	ng	95
36) 4-Chloro-3-methylphenol	11.763	107	531906	44.197	ng	100
37) 2-Methylnaphthalene	12.133	142	1169186	42.471	ng	98
38) 1-Methylnaphthalene	12.351	142	1088261	42.416	ng	99
40) 1,2,4,5-Tetrachloroben...	12.498	216	548709	49.388	ng	99
41) Hexachlorocyclopentadiene	12.469	237	697867	110.259	ng	100
43) 2,4,6-Trichlorophenol	12.751	196	370784	49.424	ng	98

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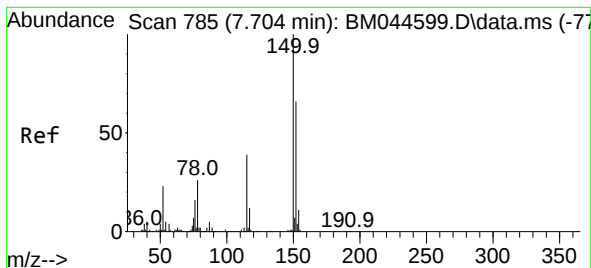
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.821	196	393501	44.267	ng	99
46) 1,1'-Biphenyl	13.157	154	1427446	46.617	ng	99
47) 2-Chloronaphthalene	13.198	162	1095606	48.386	ng	100
48) 2-Nitroaniline	13.421	65	357169	46.489	ng	98
49) Acenaphthylene	14.051	152	1780742	48.277	ng	100
50) Dimethylphthalate	13.804	163	1288842	44.012	ng	100
51) 2,6-Dinitrotoluene	13.927	165	276546	45.349	ng	99
52) Acenaphthene	14.392	154	995687	44.654	ng	99
53) 3-Nitroaniline	14.257	138	194402	27.224	ng	97
54) 2,4-Dinitrophenol	14.468	184	330128	82.588	ng	94
55) Dibenzofuran	14.733	168	1570262	44.372	ng	99
56) 4-Nitrophenol	14.568	139	530342	90.431	ng	95
57) 2,4-Dinitrotoluene	14.715	165	379995	47.689	ng	92
58) Fluorene	15.386	166	1247235	45.257	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.963	232	314515	45.571	ng	99
60) Diethylphthalate	15.174	149	1311190	44.231	ng	100
61) 4-Chlorophenyl-phenyle...	15.386	204	595109	44.982	ng	99
62) 4-Nitroaniline	15.427	138	288396	40.431	ng	96
63) Azobenzene	15.680	77	1399093	45.658	ng	98
65) 4,6-Dinitro-2-methylph...	15.474	198	209400	47.157	ng	95
66) n-Nitrosodiphenylamine	15.604	169	1049531	47.560	ng	99
67) 4-Bromophenyl-phenylether	16.280	248	347884	47.500	ng	97
68) Hexachlorobenzene	16.380	284	398864	51.233	ng	97
69) Atrazine	16.568	200	339470	49.230	ng	99
70) Pentachlorophenol	16.733	266	553950	98.919	ng	98
71) Phenanthrene	17.127	178	1833636	46.861	ng	100
72) Anthracene	17.221	178	1855808	47.289	ng	100
73) Carbazole	17.498	167	1760388	47.627	ng	99
74) Di-n-butylphthalate	18.068	149	2231650	46.857	ng	99
75) Fluoranthene	19.150	202	1987656	45.442	ng	99
77) Benzidine	19.350	184	749086	47.048	ng	99
78) Pyrene	19.515	202	2135640	47.300	ng	100
80) Butylbenzylphthalate	20.433	149	961306	47.242	ng	98
81) Benzo(a)anthracene	21.268	228	2028007	47.313	ng	99
82) 3,3'-Dichlorobenzidine	21.209	252	550014	37.257	ng	98
83) Chrysene	21.321	228	1903957	46.484	ng	99
84) Bis(2-ethylhexyl)phtha...	21.215	149	1454745	47.454	ng	98
85) Di-n-octyl phthalate	22.103	149	2504762	47.104	ng	100
87) Indeno(1,2,3-cd)pyrene	25.785	276	2438304	48.312	ng	98
88) Benzo(b)fluoranthene	22.856	252	2009650	48.982	ng	99
89) Benzo(k)fluoranthene	22.897	252	2048485	48.568	ng	100
90) Benzo(a)pyrene	23.427	252	1908901	47.702	ng	99
91) Dibenzo(a,h)anthracene	25.803	278	2016808	47.400	ng	98
92) Benzo(g,h,i)perylene	26.479	276	1896471	45.279	ng	98

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

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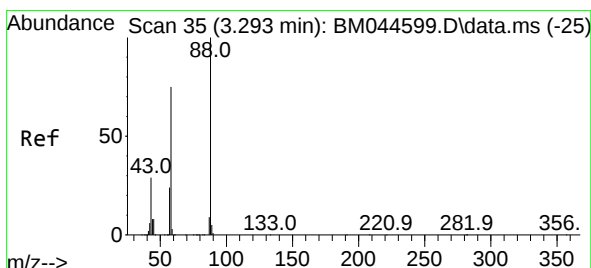
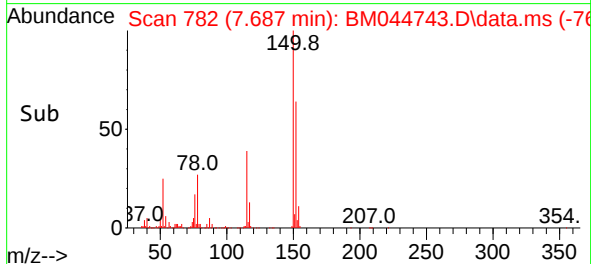
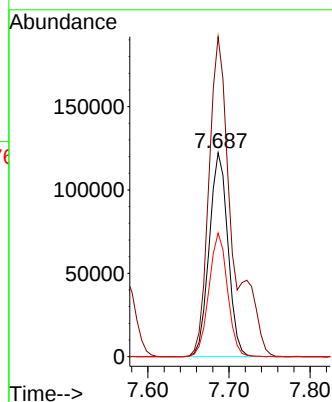
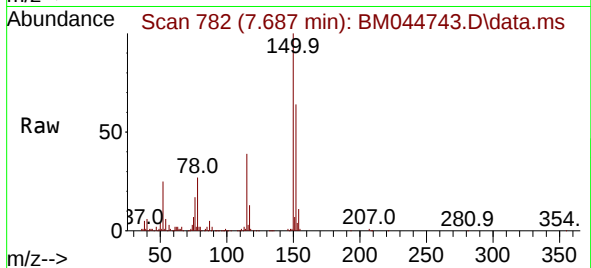




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.687 min Scan# 71
Delta R.T. -0.017 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

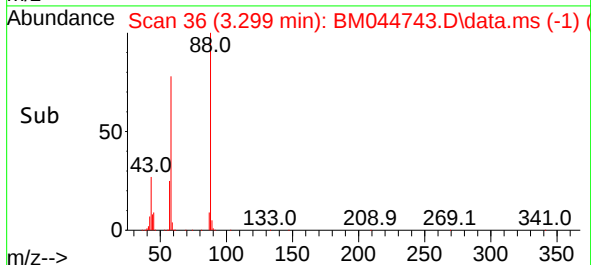
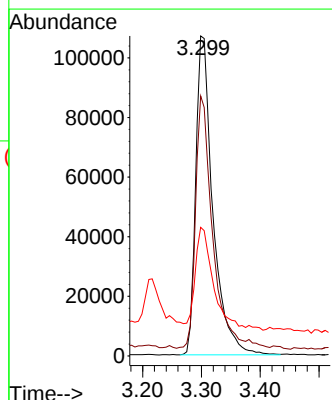
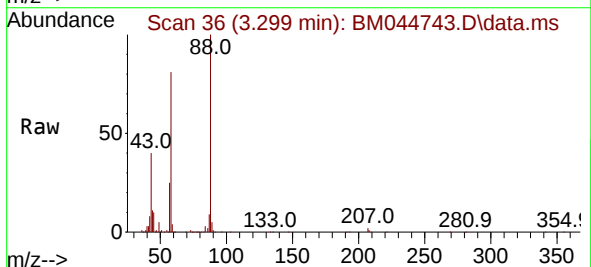
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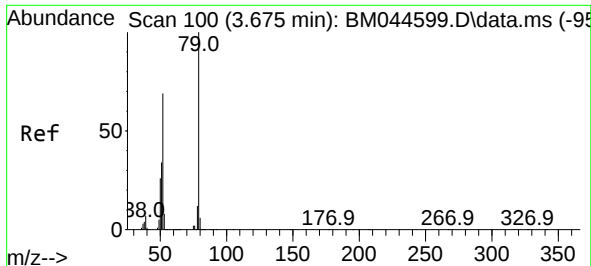
Tgt Ion:152 Resp: 195295
Ion Ratio Lower Upper
152 100
150 156.9 121.9 182.9
115 60.6 47.1 70.7



#2
1,4-Dioxane
Concen: 37.956 ng
RT: 3.299 min Scan# 36
Delta R.T. 0.006 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

Tgt Ion: 88 Resp: 217005
Ion Ratio Lower Upper
88 100
58 78.9 60.2 90.2
43 31.6 23.5 35.3

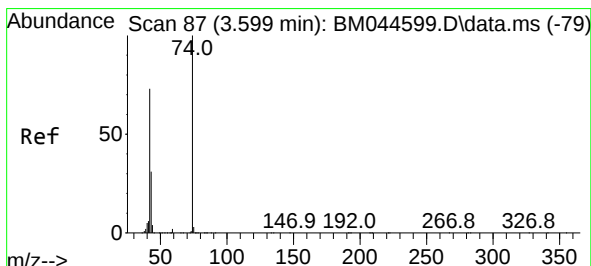
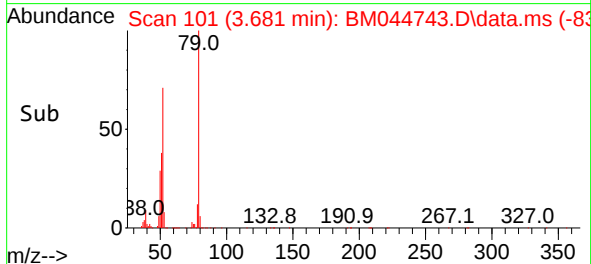
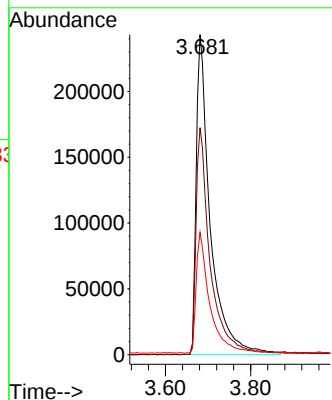
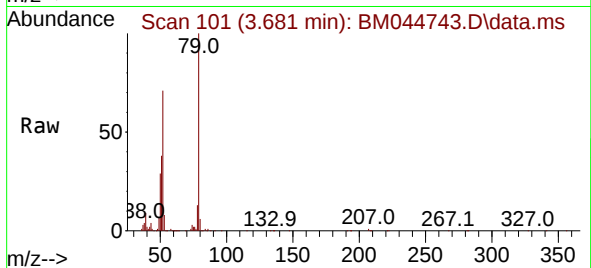




#3
Pyridine
Concen: 35.242 ng
RT: 3.681 min Scan# 100
Delta R.T. 0.006 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

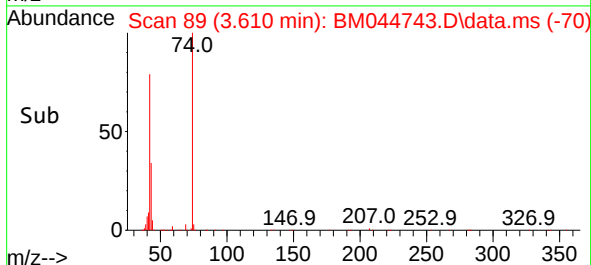
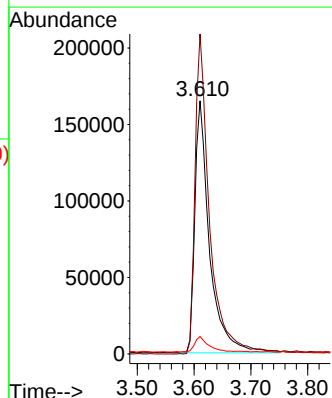
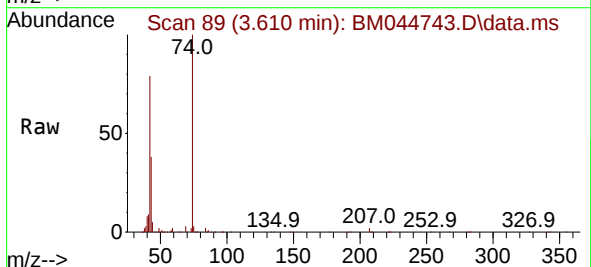
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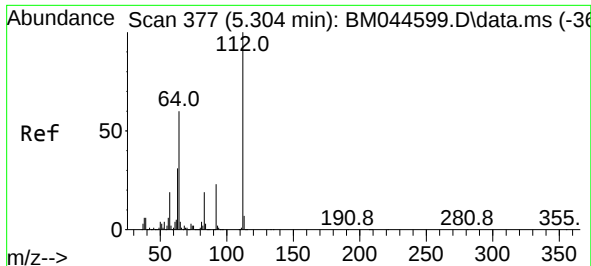
Tgt Ion: 79 Resp: 557204
Ion Ratio Lower Upper
79 100
52 70.9 55.5 83.3
51 38.2 27.7 41.5



#4
n-Nitrosodimethylamine
Concen: 46.898 ng
RT: 3.610 min Scan# 89
Delta R.T. 0.012 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

Tgt Ion: 42 Resp: 297153
Ion Ratio Lower Upper
42 100
74 126.4 109.7 164.5
44 6.9 5.4 8.0

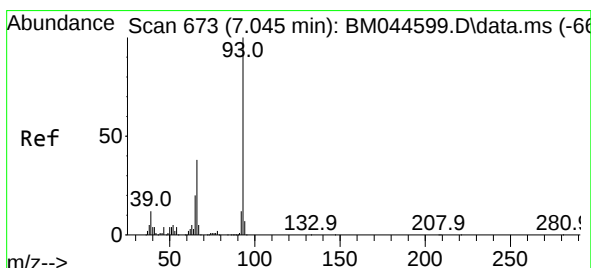
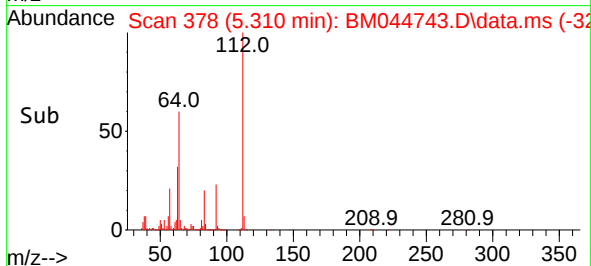
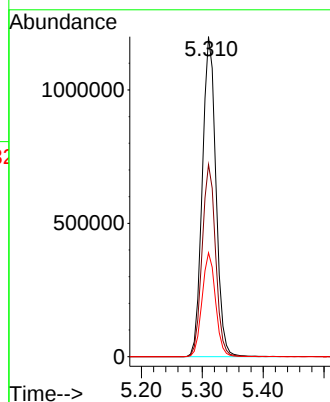
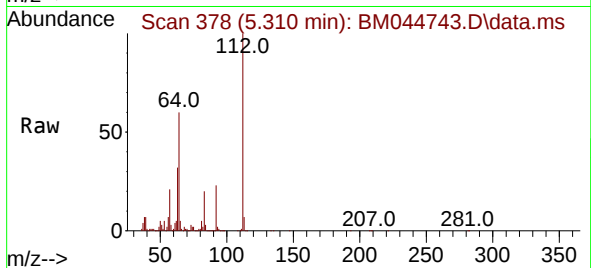




#5
2-Fluorophenol
Concen: 136.880 ng
RT: 5.310 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

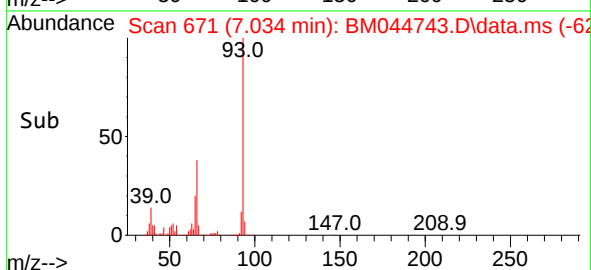
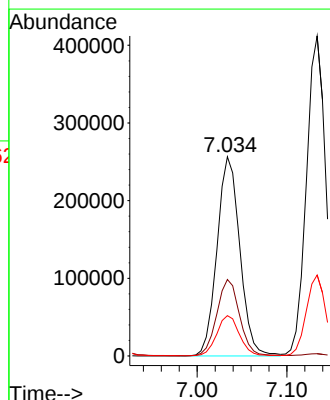
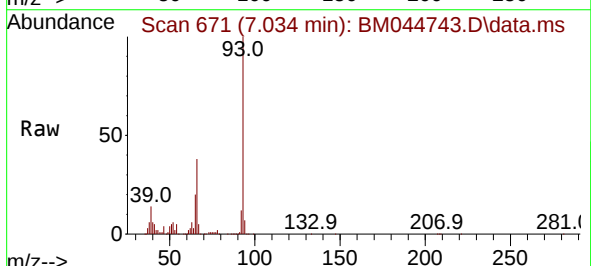
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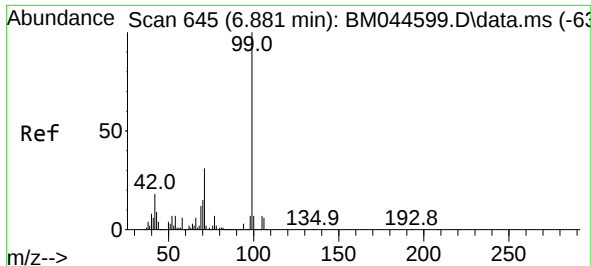
Tgt Ion:112 Resp: 1861845
Ion Ratio Lower Upper
112 100
64 60.0 47.9 71.9
63 32.5 25.0 37.4



#6
Aniline
Concen: 21.850 ng
RT: 7.034 min Scan# 671
Delta R.T. -0.012 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

Tgt Ion: 93 Resp: 452849
Ion Ratio Lower Upper
93 100
66 38.4 30.3 45.5
65 20.2 15.7 23.5

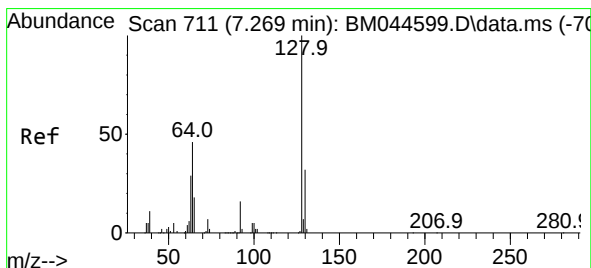
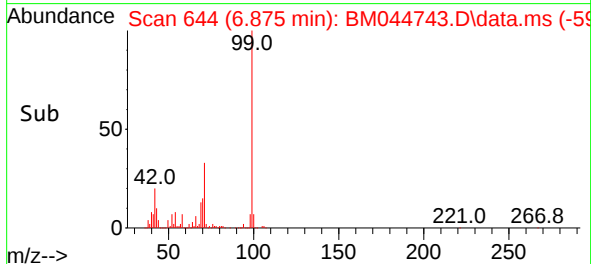
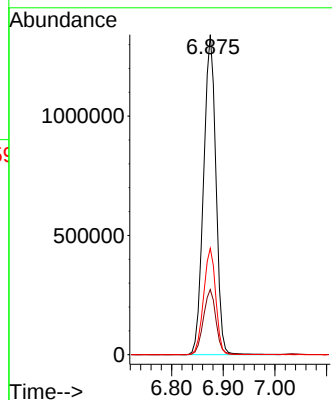
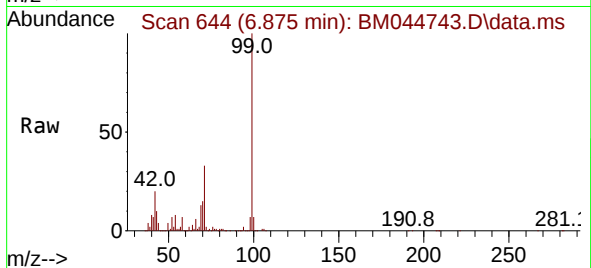




#7
Phenol-d6
Concen: 127.023 ng
RT: 6.875 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

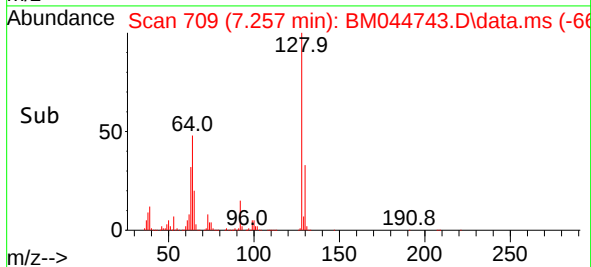
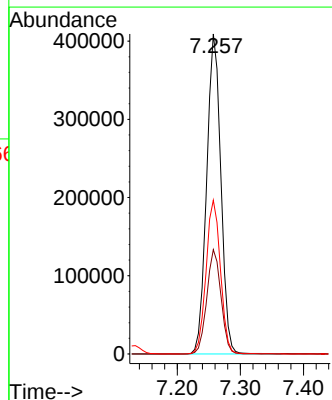
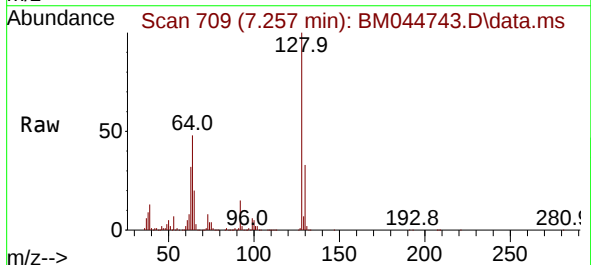
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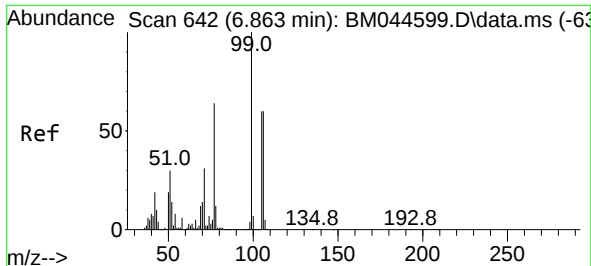
Tgt Ion: 99 Resp: 2222782
Ion Ratio Lower Upper
99 100
42 20.3 14.3 21.5
71 33.3 24.5 36.7



#8
2-Chlorophenol
Concen: 47.086 ng
RT: 7.257 min Scan# 709
Delta R.T. -0.012 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

Tgt Ion: 128 Resp: 637934
Ion Ratio Lower Upper
128 100
130 32.6 12.4 52.4
64 48.1 29.4 69.4

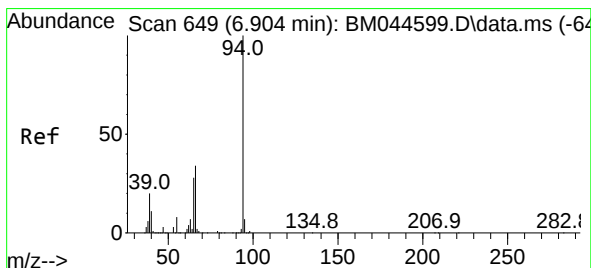
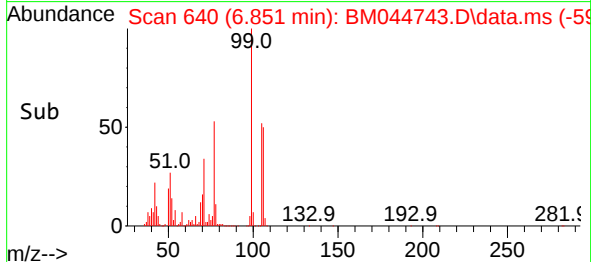
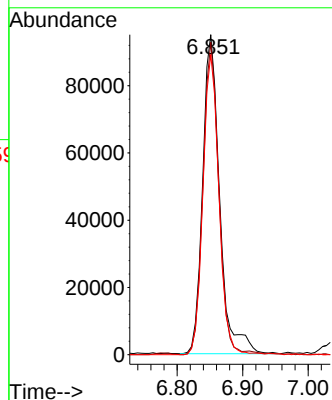
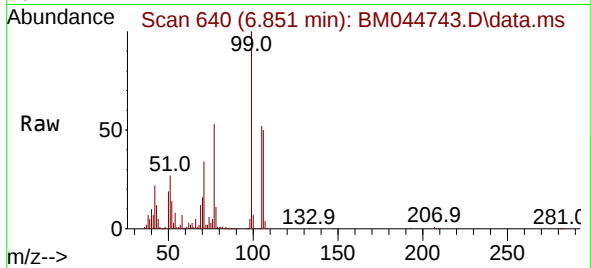




#9
Benzaldehyde
Concen: 18.725 ng
RT: 6.851 min Scan# 642
Delta R.T. -0.012 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

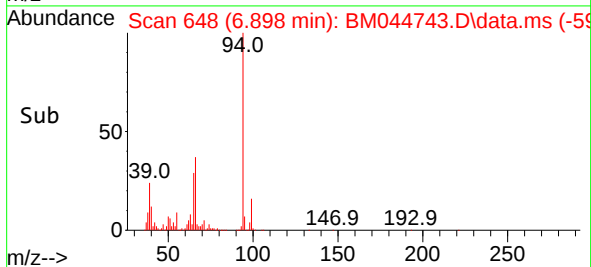
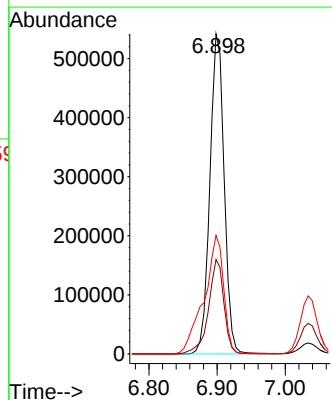
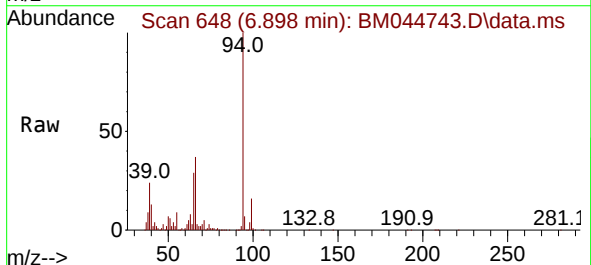
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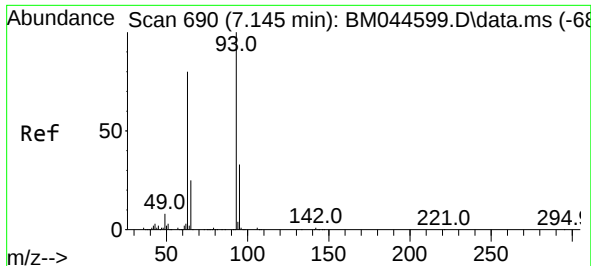
Tgt Ion: 77 Resp: 171615
Ion Ratio Lower Upper
77 100
105 97.6 74.4 114.4
106 93.8 74.1 114.1



#10
Phenol
Concen: 45.370 ng
RT: 6.898 min Scan# 648
Delta R.T. -0.006 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

Tgt Ion: 94 Resp: 792908
Ion Ratio Lower Upper
94 100
65 29.5 7.9 47.9
66 37.0 14.7 54.7

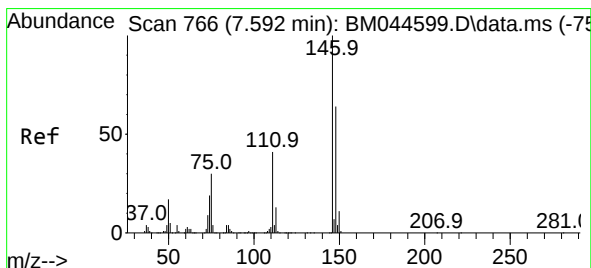
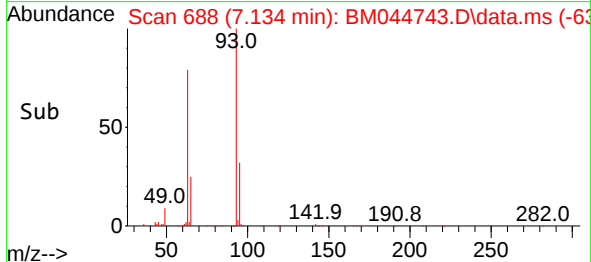
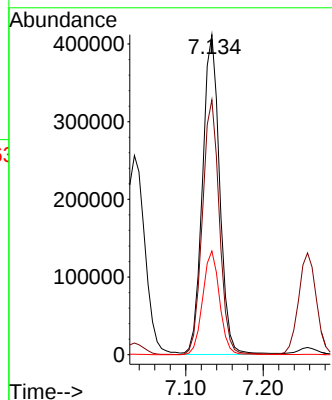
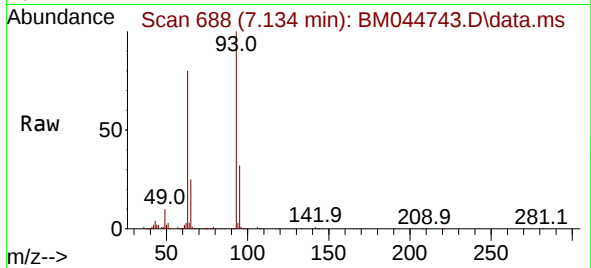




#11
bis(2-Chloroethyl)ether
Concen: 44.309 ng
RT: 7.134 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

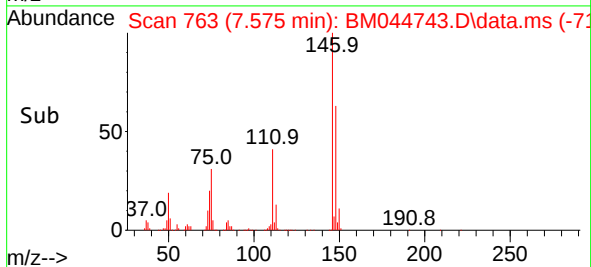
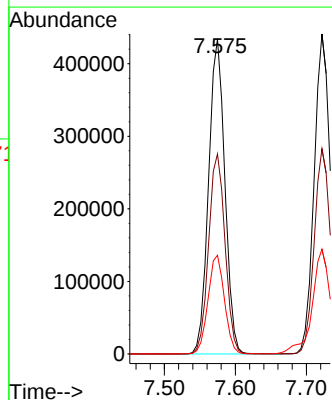
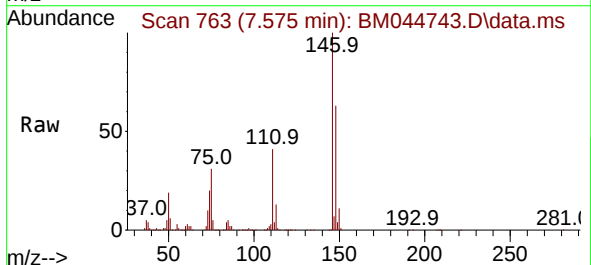
Instrument :
BNA_M
ClientSampleId :
PB159737BS

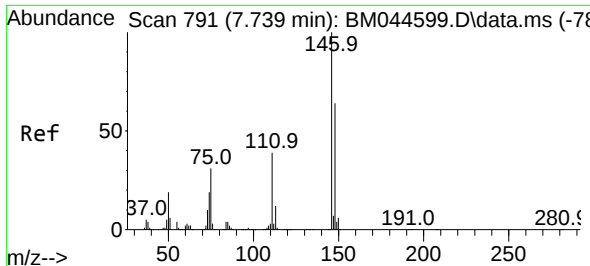
Tgt Ion: 93 Resp: 632245
Ion Ratio Lower Upper
93 100
63 79.7 59.8 99.8
95 32.4 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 47.424 ng
RT: 7.575 min Scan# 763
Delta R.T. -0.018 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

Tgt Ion:146 Resp: 690852
Ion Ratio Lower Upper
146 100
148 63.5 50.9 76.3
75 31.4 24.1 36.1

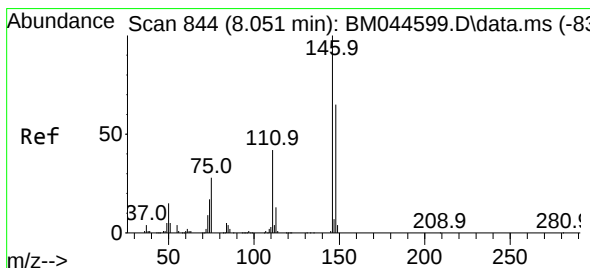
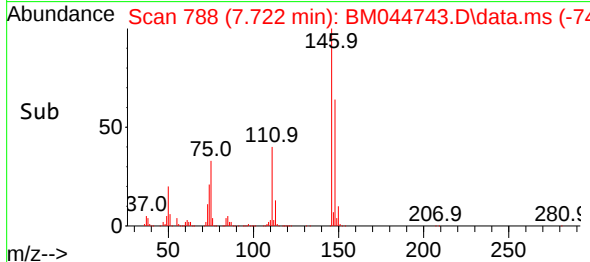
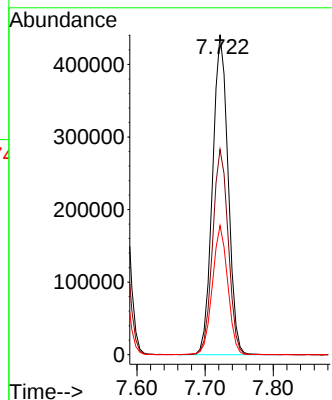
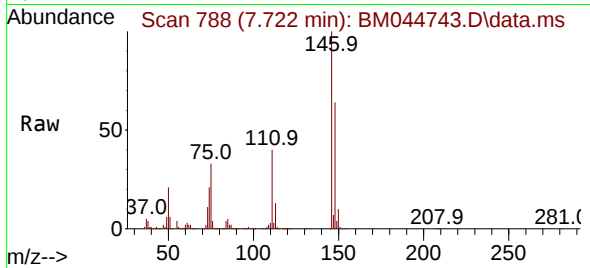




#13
1,4-Dichlorobenzene
Concen: 47.713 ng
RT: 7.722 min Scan# 71
Delta R.T. -0.018 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

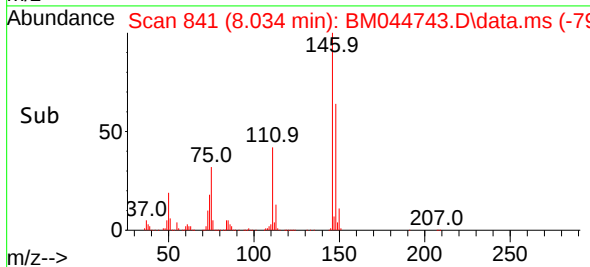
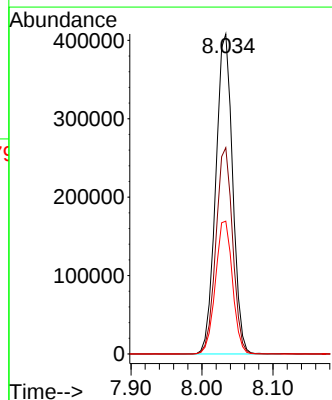
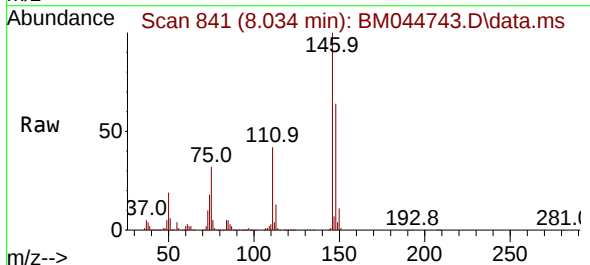
Instrument :
BNA_M
ClientSampleId :
PB159737BS

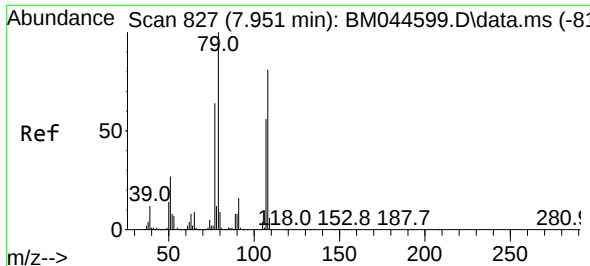
Tgt Ion:146 Resp: 700523
Ion Ratio Lower Upper
146 100
148 64.2 51.5 77.3
111 40.3 31.4 47.2



#14
1,2-Dichlorobenzene
Concen: 47.866 ng
RT: 8.034 min Scan# 841
Delta R.T. -0.018 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

Tgt Ion:146 Resp: 670196
Ion Ratio Lower Upper
146 100
148 64.5 51.8 77.8
111 41.5 33.4 50.2

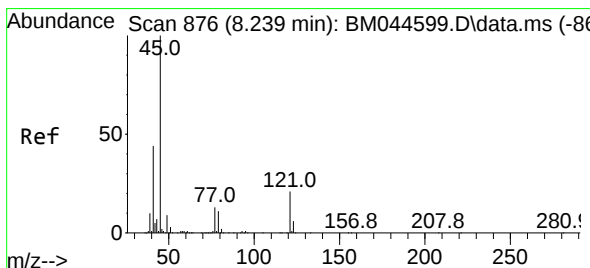
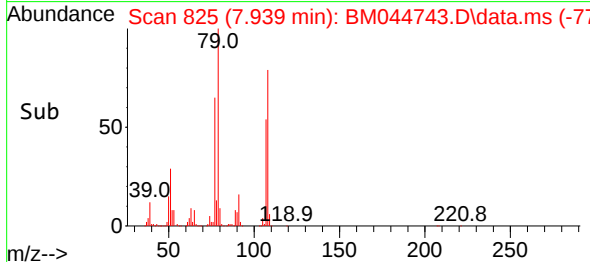
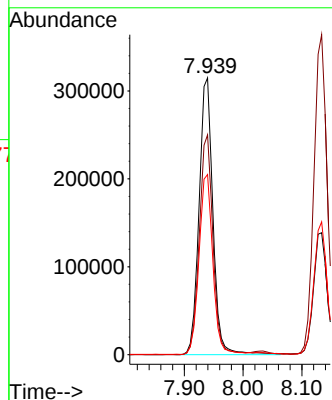
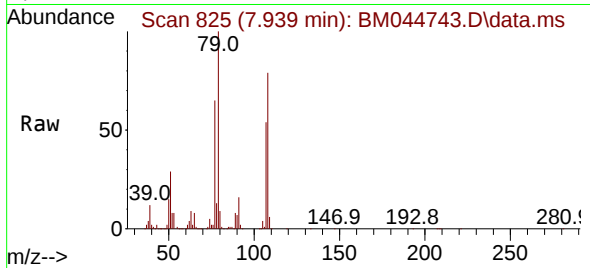




#15
Benzyl Alcohol
Concen: 44.868 ng
RT: 7.939 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

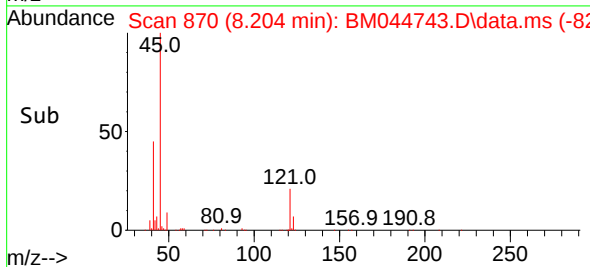
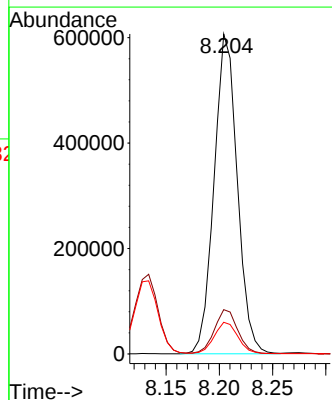
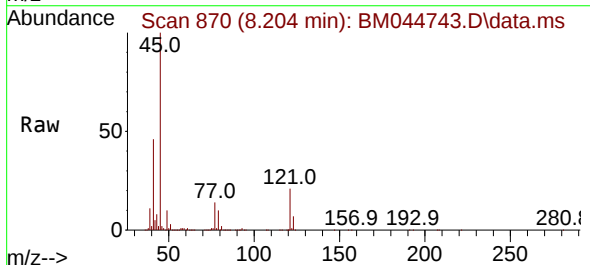
Instrument :
BNA_M
ClientSampleId :
PB159737BS

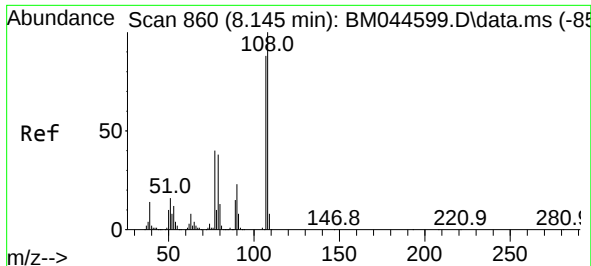
Tgt Ion: 79 Resp: 516194
Ion Ratio Lower Upper
79 100
108 79.4 65.0 97.6
77 65.1 51.7 77.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.444 ng
RT: 8.204 min Scan# 870
Delta R.T. -0.035 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

Tgt Ion: 45 Resp: 918813
Ion Ratio Lower Upper
45 100
77 13.8 0.0 33.7
79 9.9 0.0 31.2

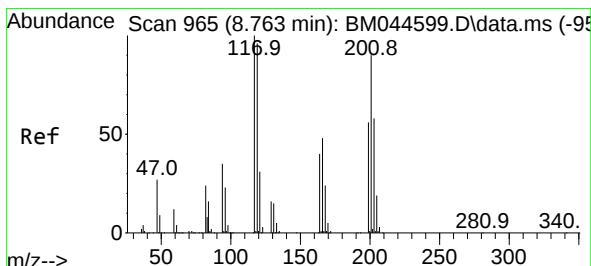
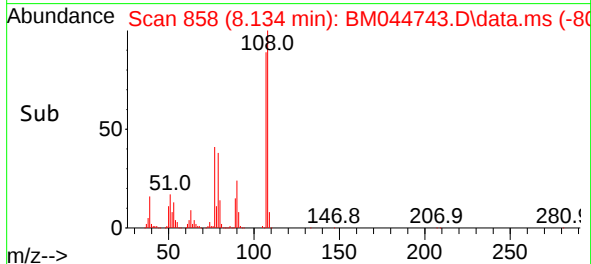
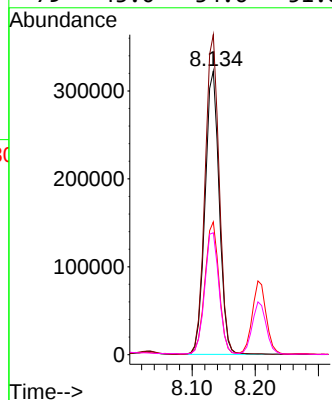
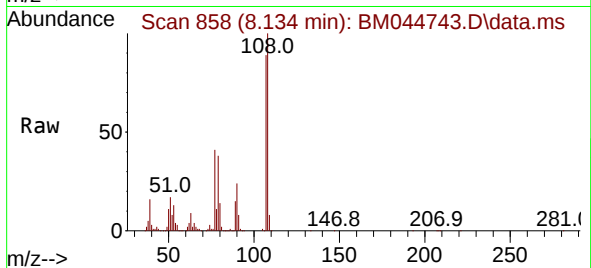




#17
2-Methylphenol
Concen: 42.140 ng
RT: 8.134 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

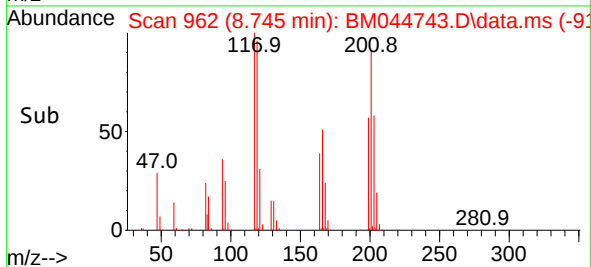
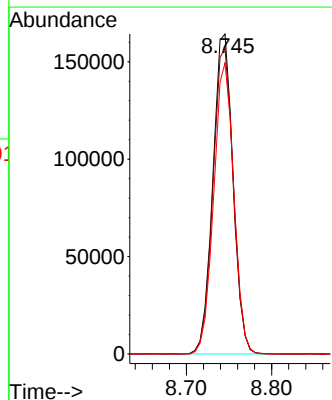
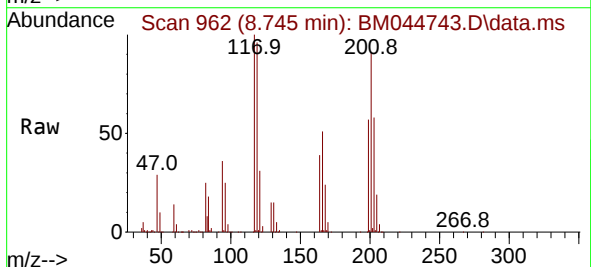
Instrument :
BNA_M
ClientSampleId :
PB159737BS

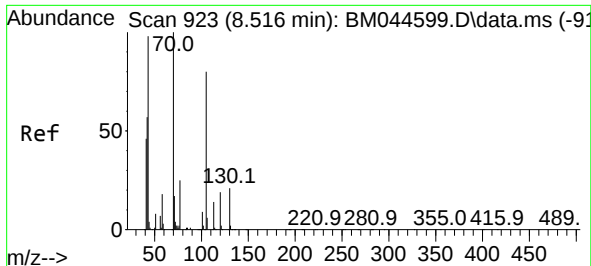
Tgt Ion:107 Resp: 502261
Ion Ratio Lower Upper
107 100
108 112.8 90.7 136.1
77 46.8 36.2 54.2
79 43.0 34.6 51.8



#18
Hexachloroethane
Concen: 49.909 ng
RT: 8.745 min Scan# 962
Delta R.T. -0.018 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

Tgt Ion:117 Resp: 270897
Ion Ratio Lower Upper
117 100
119 95.6 76.8 115.2
201 91.0 72.3 108.5





#19

n-Nitroso-di-n-propylamine

Concen: 38.801 ng

RT: 8.498 min Scan# 91

Delta R.T. -0.018 min

Lab File: BM044743.D

Acq: 22 Mar 2024 20:16

Instrument :

BNA_M

ClientSampleId :

PB159737BS

Tgt Ion: 70 Resp: 414661

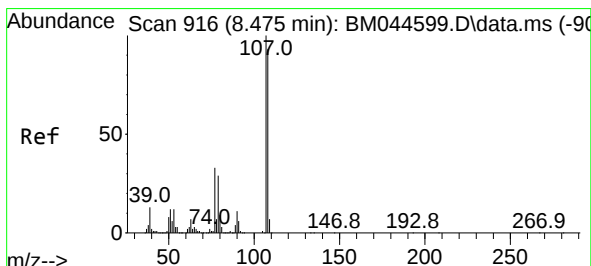
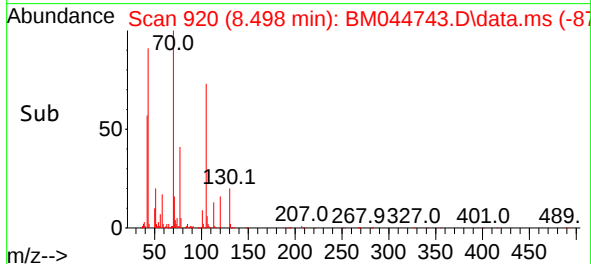
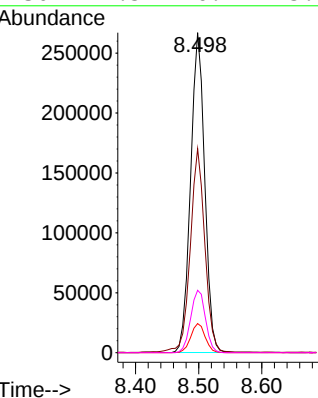
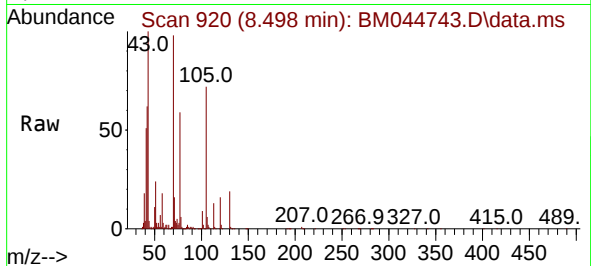
Ion Ratio Lower Upper

70 100

42 63.8 46.6 69.8

101 9.1 7.6 11.4

130 19.5 16.7 25.1



#20

3+4-Methylphenols

Concen: 42.237 ng

RT: 8.457 min Scan# 913

Delta R.T. -0.018 min

Lab File: BM044743.D

Acq: 22 Mar 2024 20:16

Tgt Ion: 107 Resp: 679355

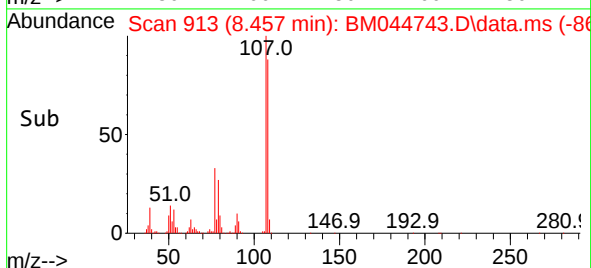
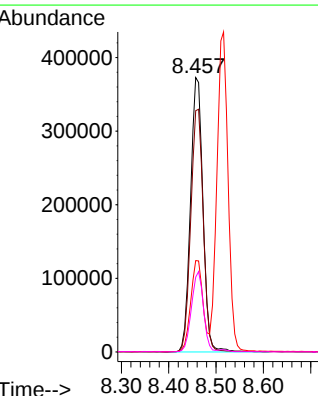
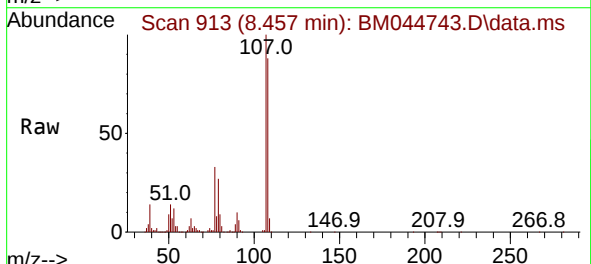
Ion Ratio Lower Upper

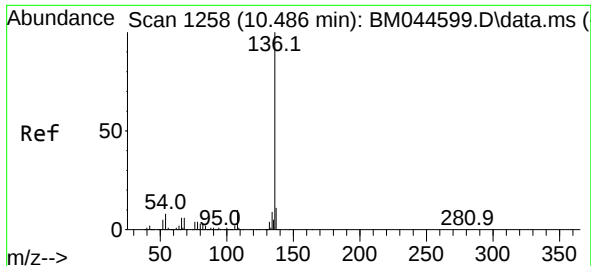
107 100

108 87.9 72.7 112.7

77 33.3 13.3 53.3

79 27.3 8.9 48.9

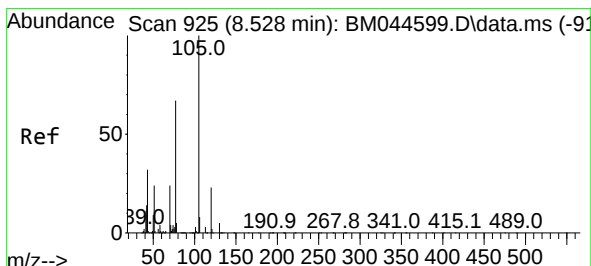
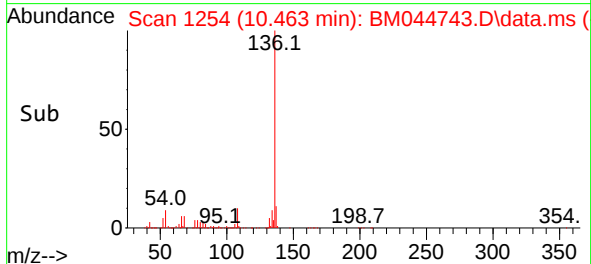
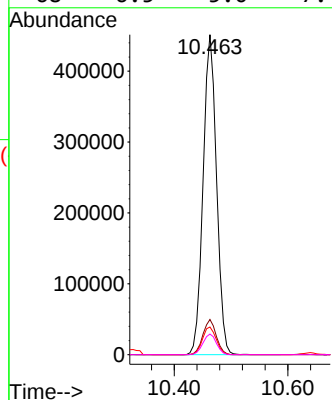
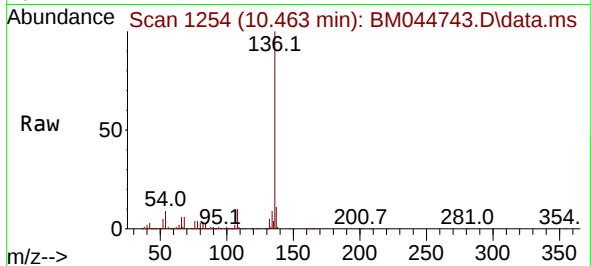




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.463 min Scan# 1254
Delta R.T. -0.024 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

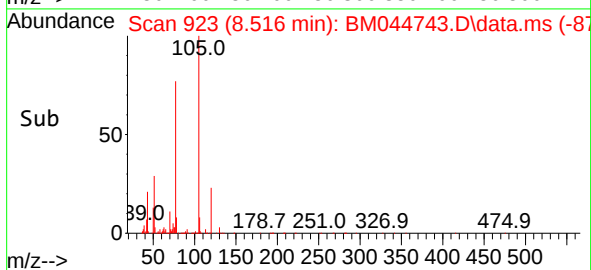
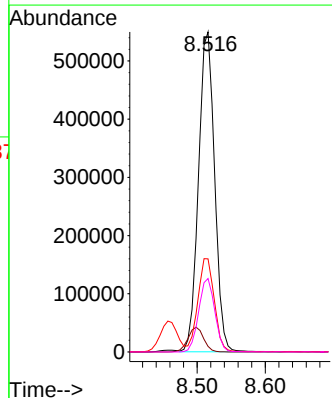
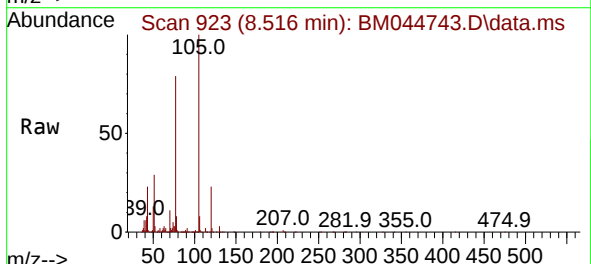
Instrument :
BNA_M
ClientSampleId :
PB159737BS

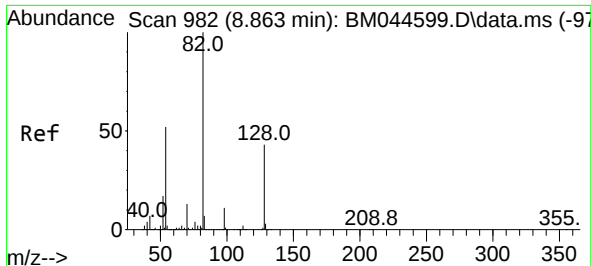
Tgt Ion:136 Resp: 739047
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.6 6.6 10.0
68 6.5 5.0 7.4



#22
Acetophenone
Concen: 46.589 ng
RT: 8.516 min Scan# 923
Delta R.T. -0.012 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

Tgt Ion:105 Resp: 904566
Ion Ratio Lower Upper
105 100
71 1.8 3.4 5.2#
51 29.1 22.2 33.4
120 23.0 18.6 27.8

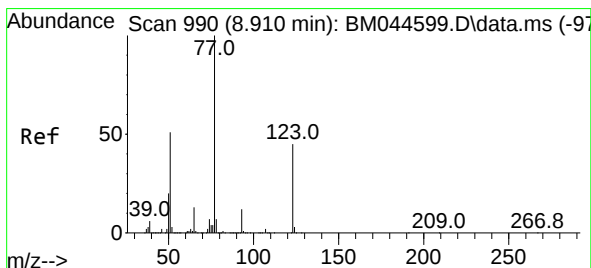
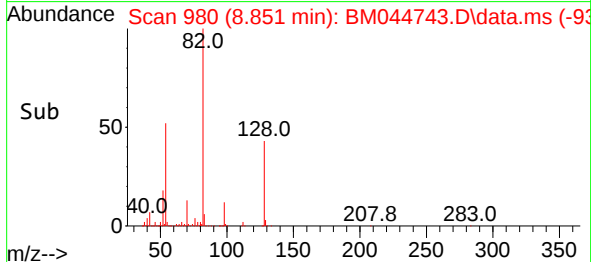
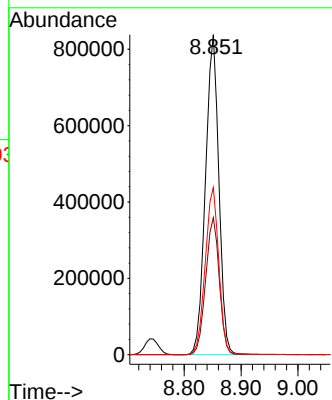
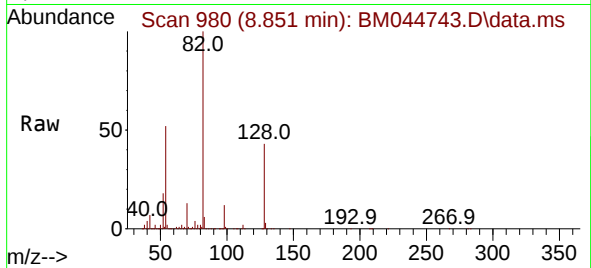




#23
Nitrobenzene-d5
Concen: 89.176 ng
RT: 8.851 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

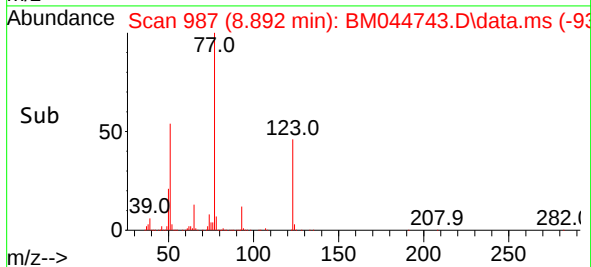
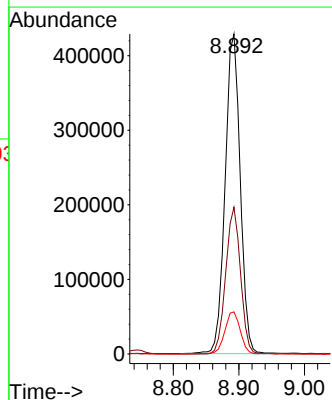
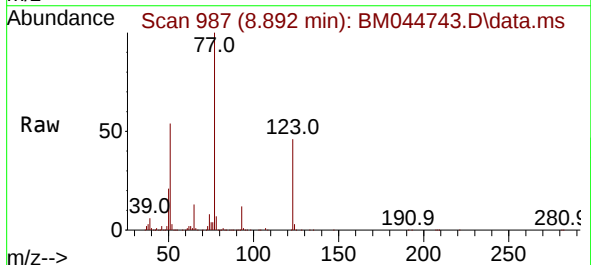
Instrument :
BNA_M
ClientSampleId :
PB159737BS

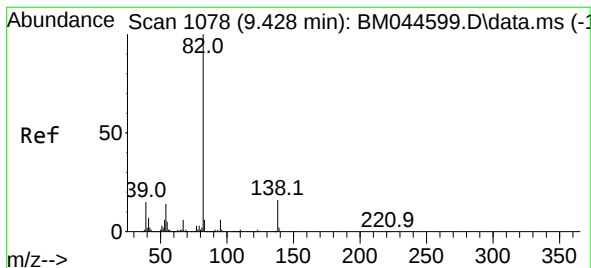
Tgt Ion: 82 Resp: 1368023
Ion Ratio Lower Upper
82 100
128 42.8 34.2 51.4
54 52.2 41.3 61.9



#24
Nitrobenzene
Concen: 45.045 ng
RT: 8.892 min Scan# 987
Delta R.T. -0.018 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

Tgt Ion: 77 Resp: 683084
Ion Ratio Lower Upper
77 100
123 45.8 35.9 53.9
65 13.2 10.7 16.1





#25

Isophorone

Concen: 45.447 ng

RT: 9.410 min Scan# 1106

Delta R.T. -0.018 min

Lab File: BM044743.D

Acq: 22 Mar 2024 20:16

Instrument :

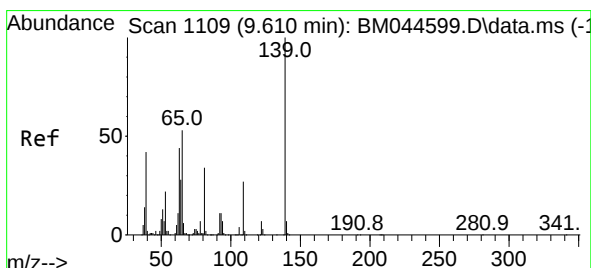
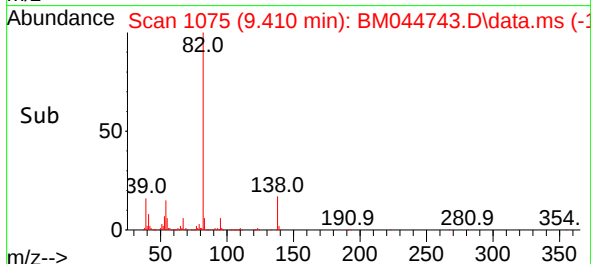
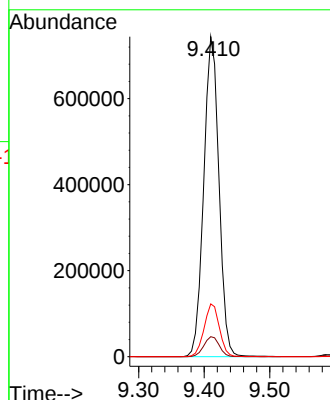
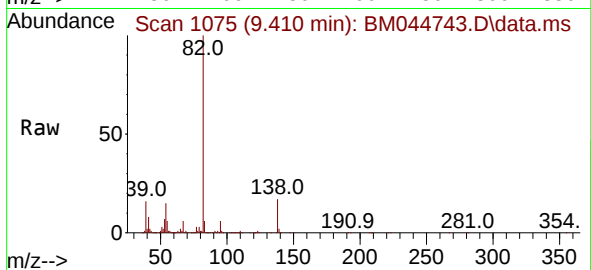
BNA_M

ClientSampleId :

PB159737BS

Tgt Ion: 82 Resp: 1202914

Ion	Ratio	Lower	Upper
82	100		
95	6.3	4.9	7.3
138	16.5	12.9	19.3



#26

2-Nitrophenol

Concen: 49.019 ng

RT: 9.592 min Scan# 1106

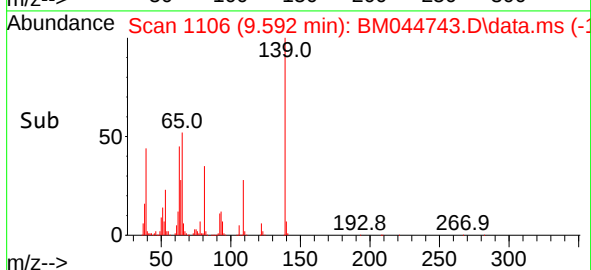
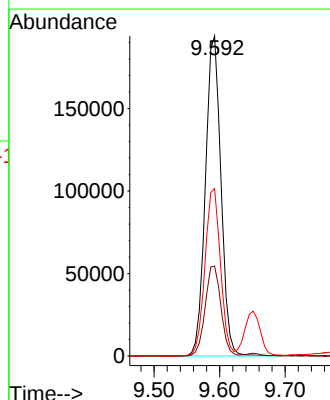
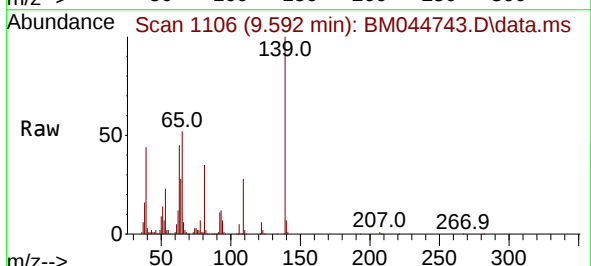
Delta R.T. -0.018 min

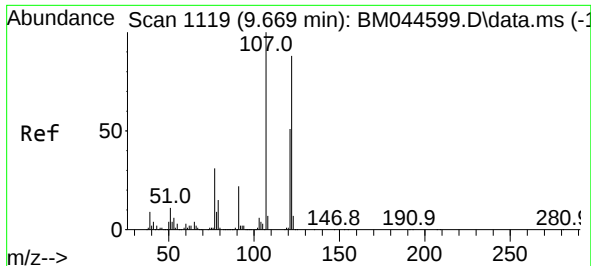
Lab File: BM044743.D

Acq: 22 Mar 2024 20:16

Tgt Ion:139 Resp: 320760

Ion	Ratio	Lower	Upper
139	100		
109	28.1	21.2	31.8
65	52.4	42.4	63.6

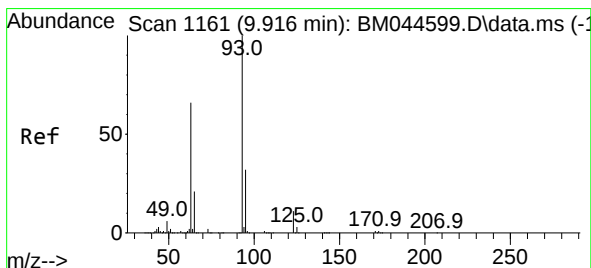
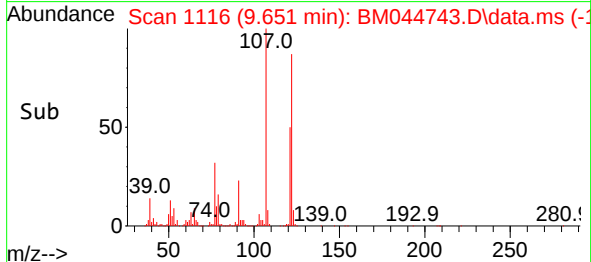
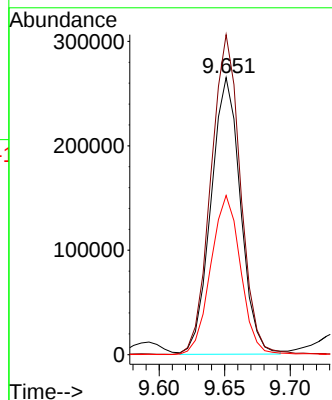
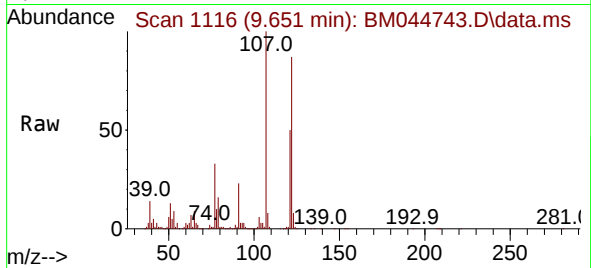




#27
2,4-Dimethylphenol
Concen: 36.057 ng
RT: 9.651 min Scan# 1116
Delta R.T. -0.018 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

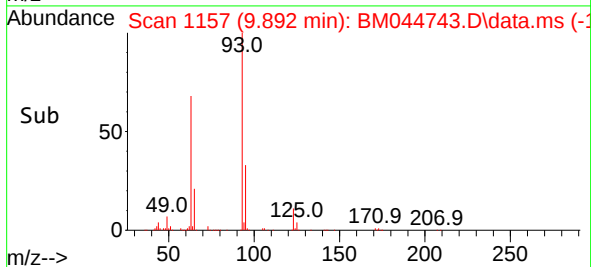
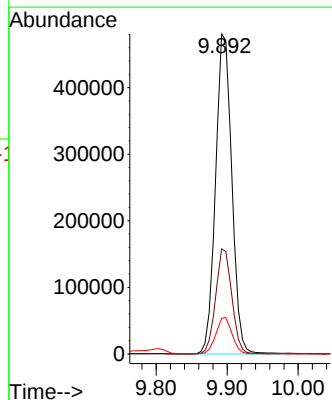
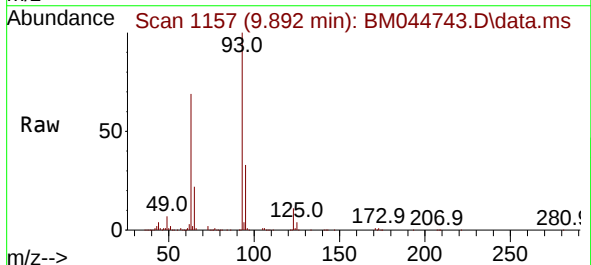
Instrument :
BNA_M
ClientSampleId :
PB159737BS

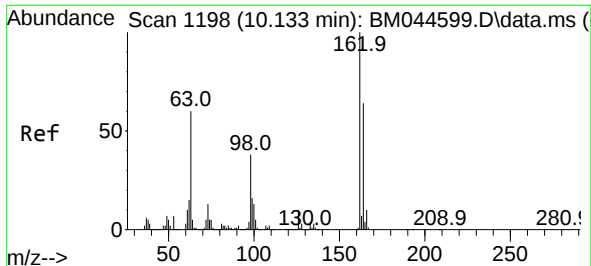
Tgt Ion:122 Resp: 414919
Ion Ratio Lower Upper
122 100
107 115.5 90.5 135.7
121 57.4 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 43.473 ng
RT: 9.892 min Scan# 1157
Delta R.T. -0.024 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

Tgt Ion: 93 Resp: 764114
Ion Ratio Lower Upper
93 100
95 32.8 25.8 38.6
123 11.1 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 47.566 ng

RT: 10.116 min Scan# 1195

Delta R.T. -0.018 min

Lab File: BM044743.D

Acq: 22 Mar 2024 20:16

Instrument :

BNA_M

ClientSampleId :

PB159737BS

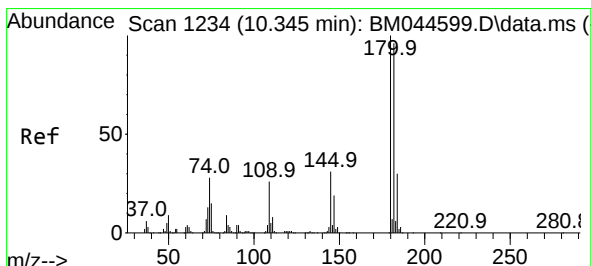
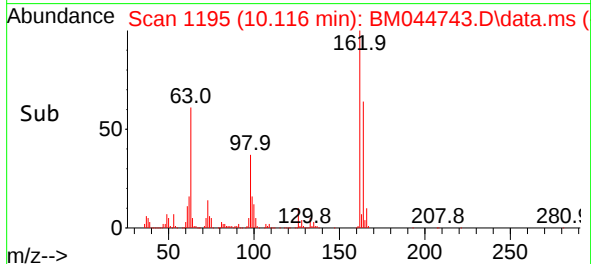
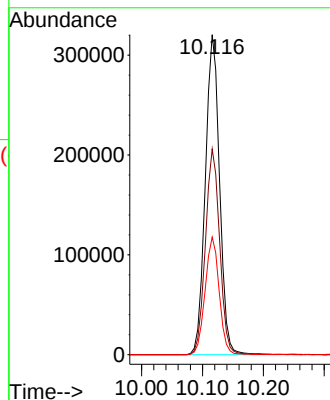
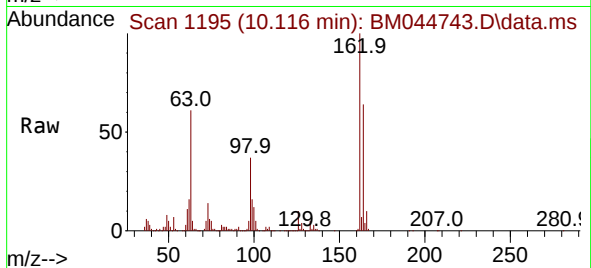
Tgt Ion:162 Resp: 521677

Ion Ratio Lower Upper

162 100

164 64.3 44.1 84.1

98 36.7 18.0 58.0



#30

1,2,4-Trichlorobenzene

Concen: 47.901 ng

RT: 10.328 min Scan# 1231

Delta R.T. -0.018 min

Lab File: BM044743.D

Acq: 22 Mar 2024 20:16

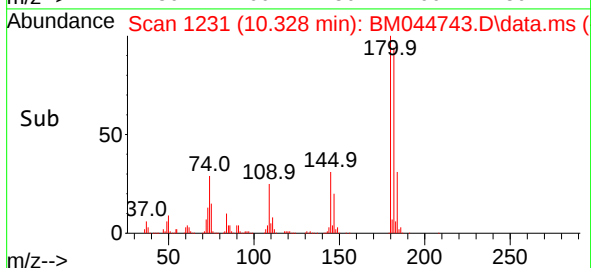
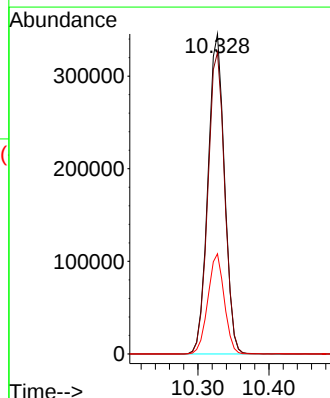
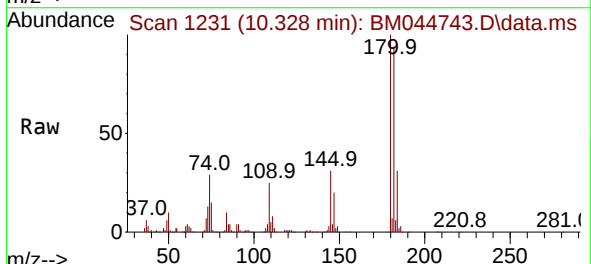
Tgt Ion:180 Resp: 558892

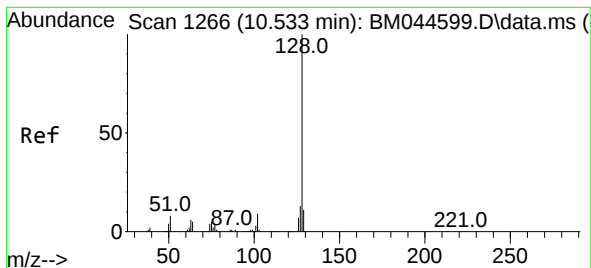
Ion Ratio Lower Upper

180 100

182 94.3 76.6 115.0

145 31.3 24.6 36.8

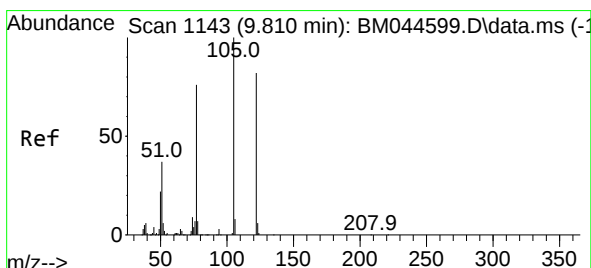
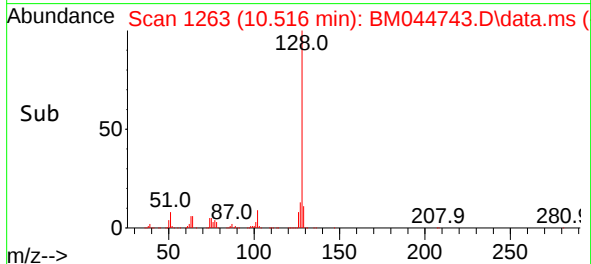
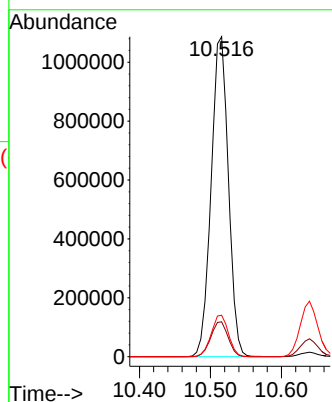
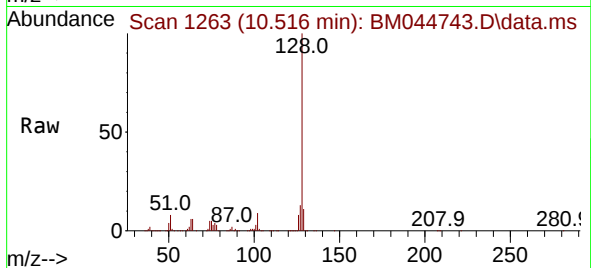




#31
Naphthalene
Concen: 45.135 ng
RT: 10.516 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

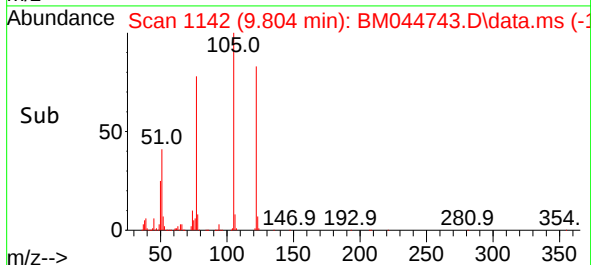
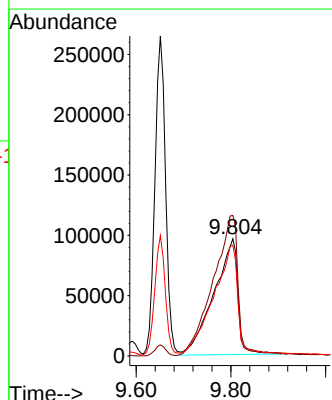
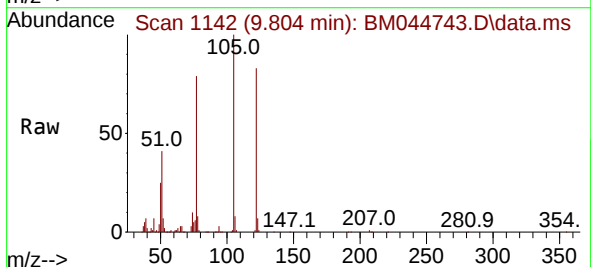
Instrument :
BNA_M
ClientSampleId :
PB159737BS

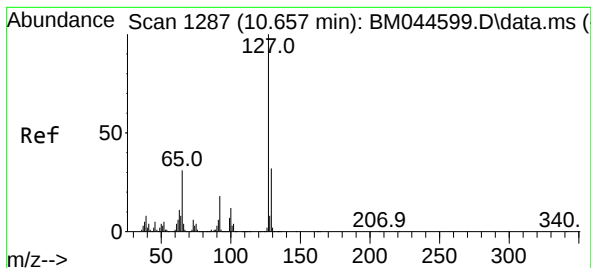
Tgt Ion:128 Resp: 1830648
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.0 10.2 15.4



#32
Benzoic acid
Concen: 37.707 ng
RT: 9.804 min Scan# 1142
Delta R.T. -0.006 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

Tgt Ion:122 Resp: 338582
Ion Ratio Lower Upper
122 100
105 119.9 100.0 140.0
77 94.5 72.5 112.5





#33

4-Chloroaniline

Concen: 19.684 ng

RT: 10.639 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM044743.D

Acq: 22 Mar 2024 20:16

Instrument :

BNA_M

ClientSampleId :

PB159737BS

Tgt Ion:127 Resp: 334932

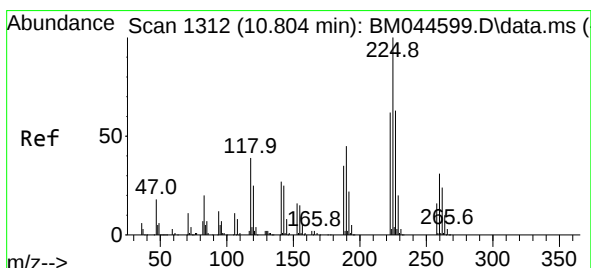
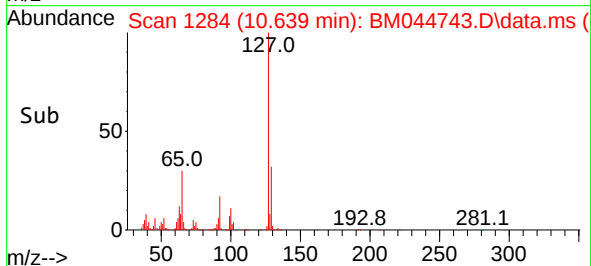
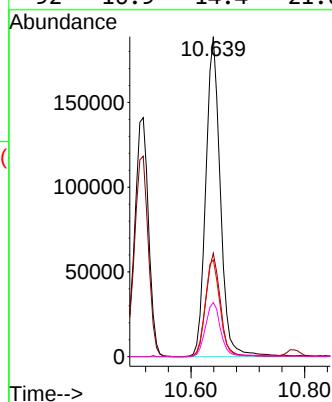
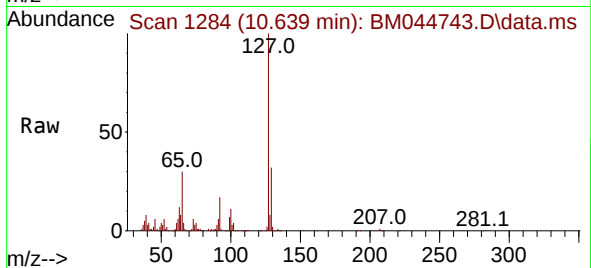
Ion Ratio Lower Upper

127 100

129 32.3 25.6 38.4

65 30.2 25.1 37.7

92 16.9 14.4 21.6



#34

Hexachlorobutadiene

Concen: 48.711 ng

RT: 10.780 min Scan# 1308

Delta R.T. -0.024 min

Lab File: BM044743.D

Acq: 22 Mar 2024 20:16

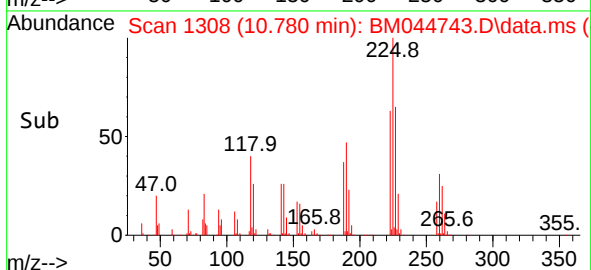
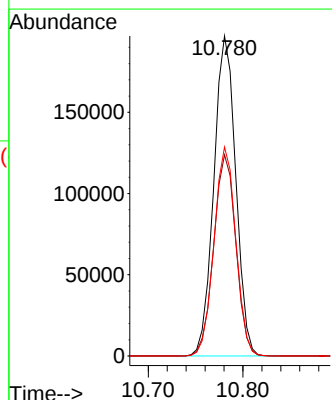
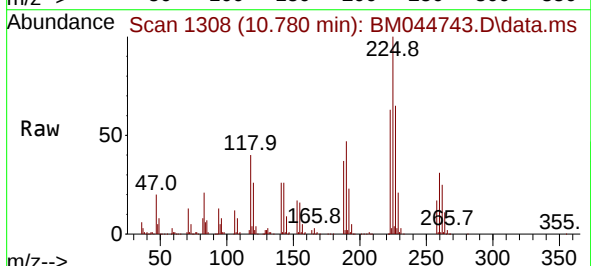
Tgt Ion:225 Resp: 316883

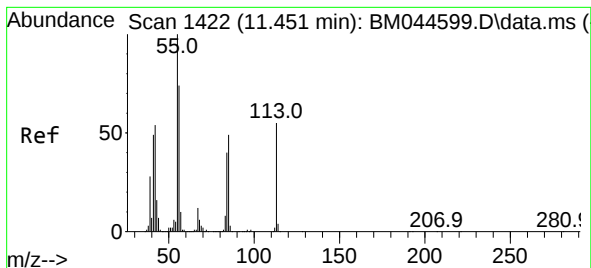
Ion Ratio Lower Upper

225 100

223 62.9 49.9 74.9

227 65.3 50.6 75.8

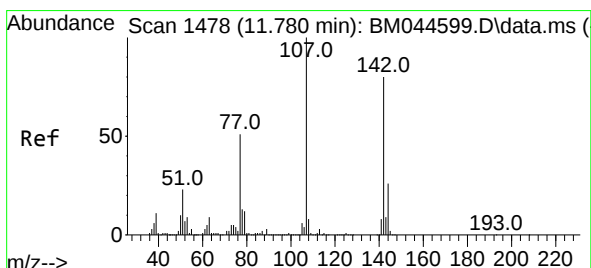
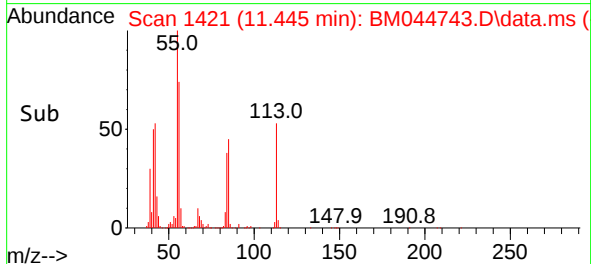
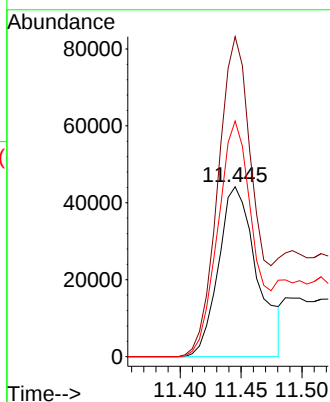
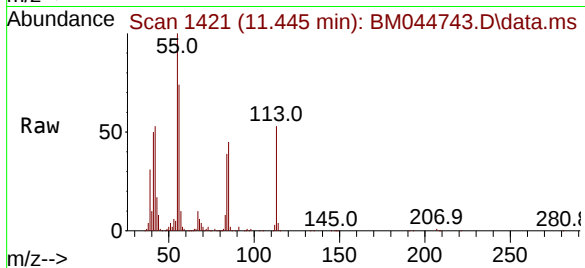




#35
Caprolactam
Concen: 27.525 ng
RT: 11.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

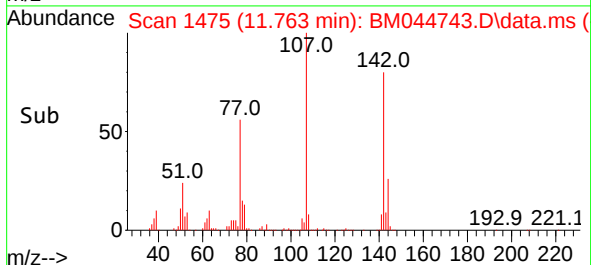
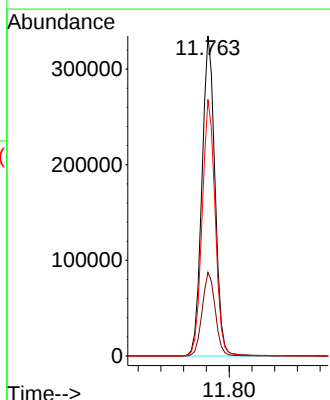
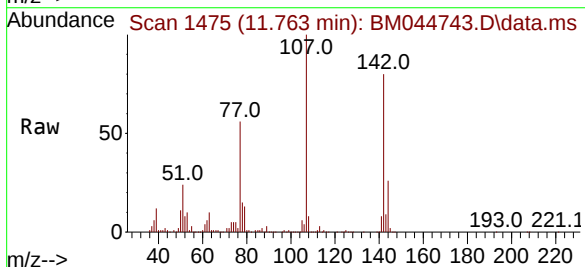
Instrument :
BNA_M
ClientSampleId :
PB159737BS

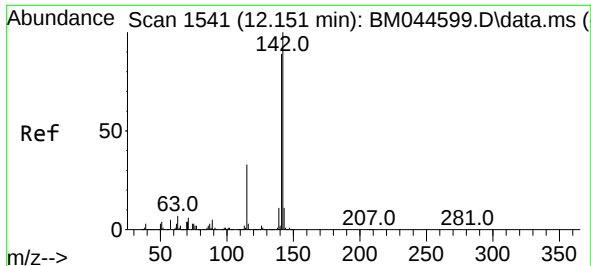
Tgt Ion:113 Resp: 97377
Ion Ratio Lower Upper
113 100
55 188.3 161.1 201.1
56 138.7 113.2 153.2



#36
4-Chloro-3-methylphenol
Concen: 44.197 ng
RT: 11.763 min Scan# 1475
Delta R.T. -0.018 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

Tgt Ion:107 Resp: 531906
Ion Ratio Lower Upper
107 100
144 26.2 20.8 31.2
142 80.1 63.8 95.8

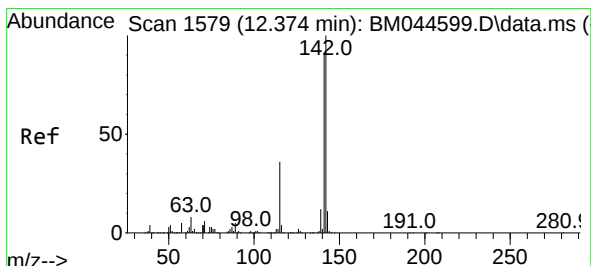
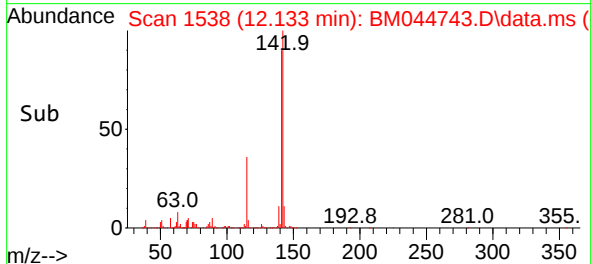
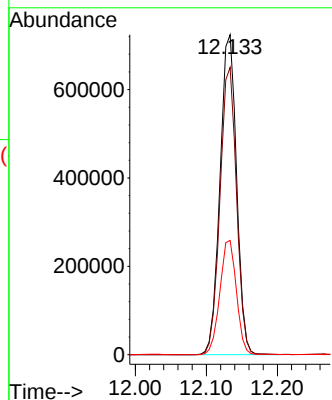
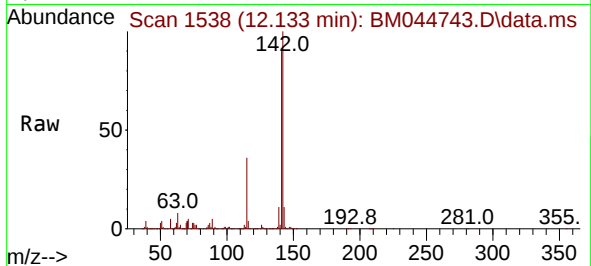




#37
2-Methylnaphthalene
Concen: 42.471 ng
RT: 12.133 min Scan# 1538
Delta R.T. -0.018 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

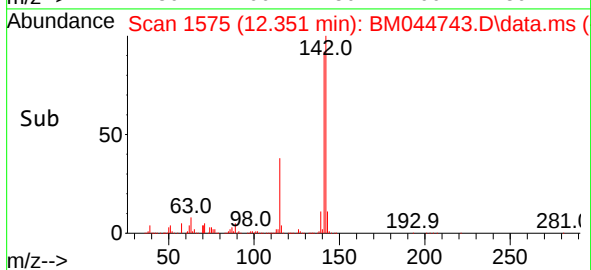
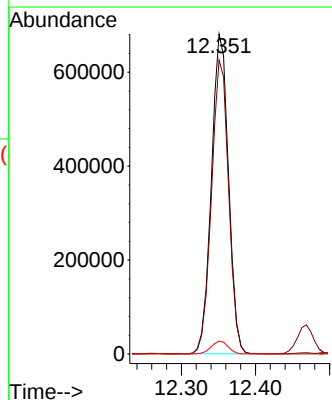
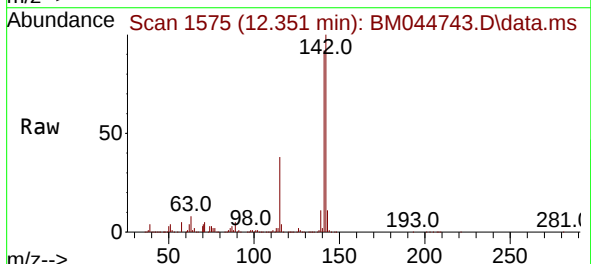
Instrument :
BNA_M
ClientSampleId :
PB159737BS

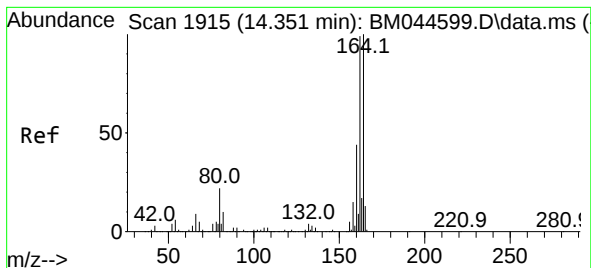
Tgt Ion:142 Resp: 1169186
Ion Ratio Lower Upper
142 100
141 89.8 71.0 106.6
115 35.7 26.6 40.0



#38
1-Methylnaphthalene
Concen: 42.416 ng
RT: 12.351 min Scan# 1575
Delta R.T. -0.024 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

Tgt Ion:142 Resp: 1088261
Ion Ratio Lower Upper
142 100
141 91.8 72.9 109.3
116 4.0 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.327 min Scan# 1915

Delta R.T. -0.024 min

Lab File: BM044743.D

Acq: 22 Mar 2024 20:16

Instrument :

BNA_M

ClientSampleId :

PB159737BS

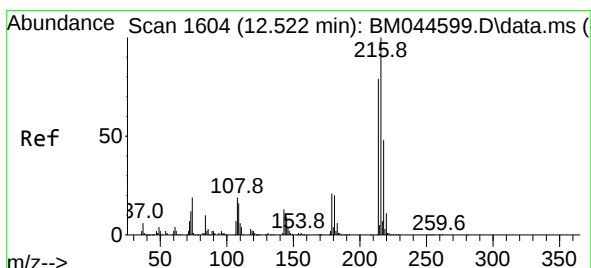
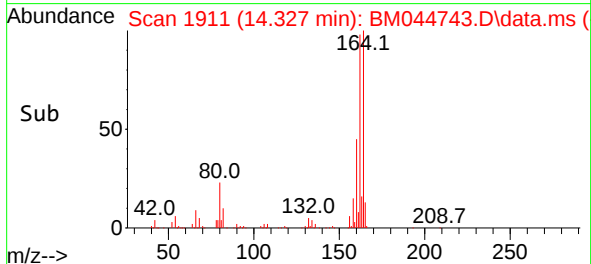
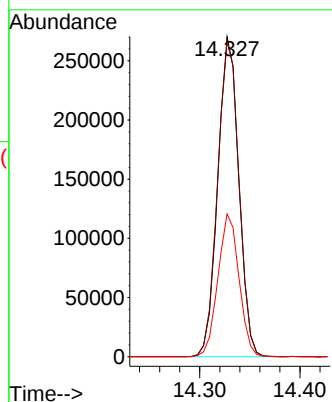
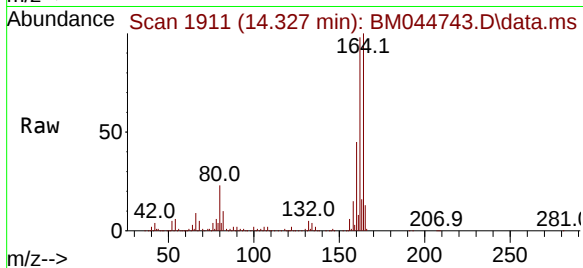
Tgt Ion:164 Resp: 391511

Ion Ratio Lower Upper

164 100

162 98.4 79.3 118.9

160 44.6 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.388 ng

RT: 12.498 min Scan# 1600

Delta R.T. -0.024 min

Lab File: BM044743.D

Acq: 22 Mar 2024 20:16

Tgt Ion:216 Resp: 548709

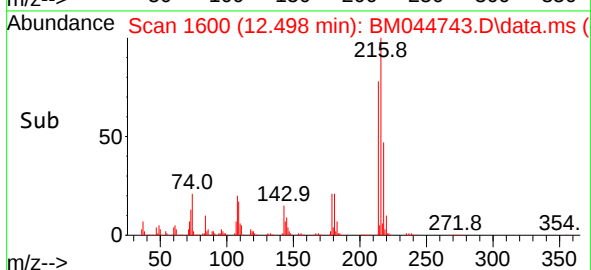
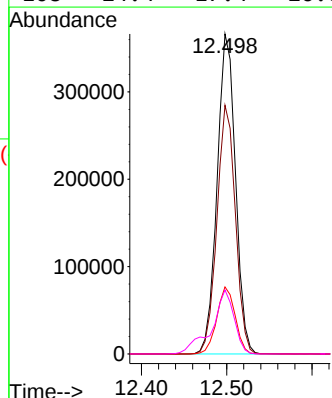
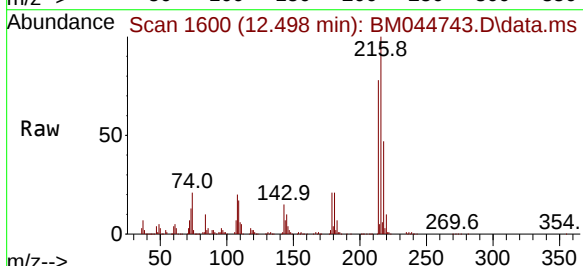
Ion Ratio Lower Upper

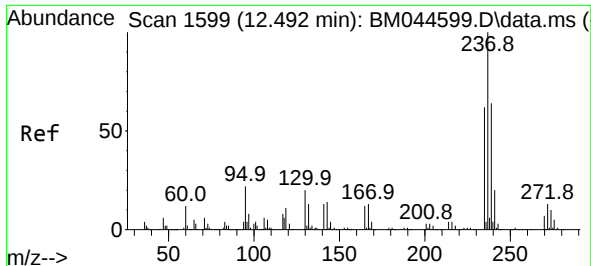
216 100

214 78.1 62.9 94.3

179 21.0 16.9 25.3

108 24.4 17.4 26.0

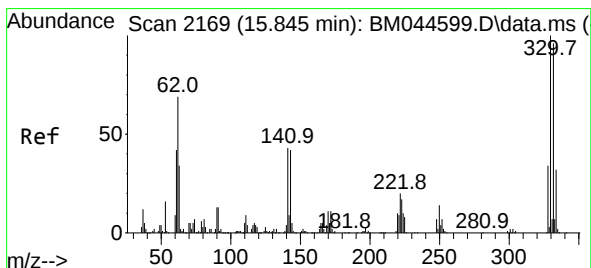
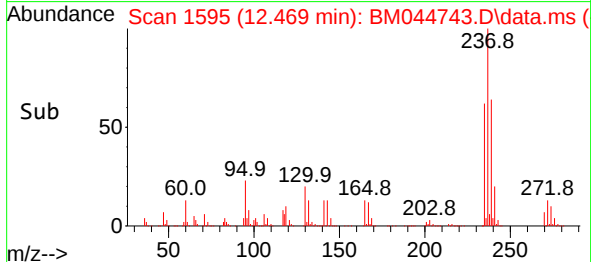
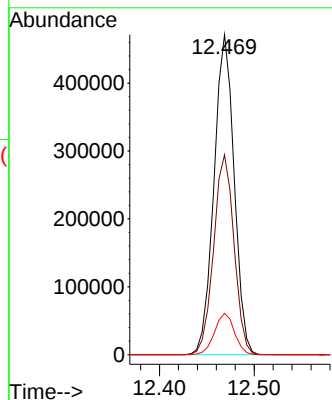
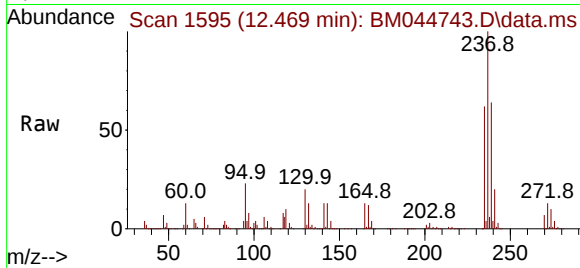




#41
Hexachlorocyclopentadiene
Concen: 110.259 ng
RT: 12.469 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

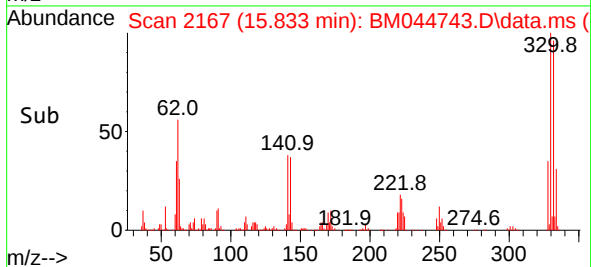
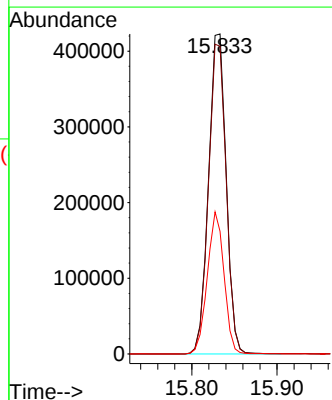
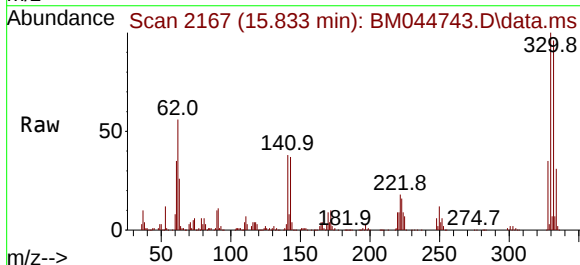
Instrument :
BNA_M
ClientSampleId :
PB159737BS

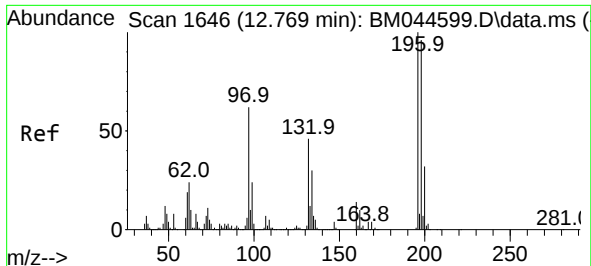
Tgt Ion:237 Resp: 697867
Ion Ratio Lower Upper
237 100
235 62.5 42.1 82.1
272 12.9 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 141.274 ng
RT: 15.833 min Scan# 2167
Delta R.T. -0.012 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

Tgt Ion:330 Resp: 610053
Ion Ratio Lower Upper
330 100
332 97.0 77.8 116.8
141 42.1 33.4 50.0





#43

2,4,6-Trichlorophenol

Concen: 49.424 ng

RT: 12.751 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM044743.D

Acq: 22 Mar 2024 20:16

Instrument :

BNA_M

ClientSampleId :

PB159737BS

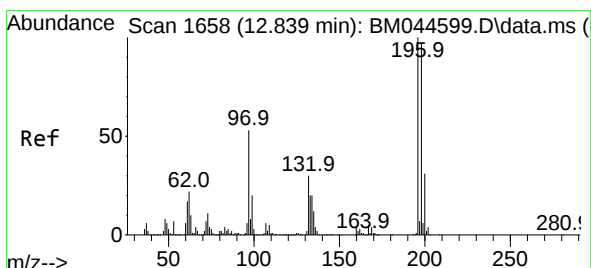
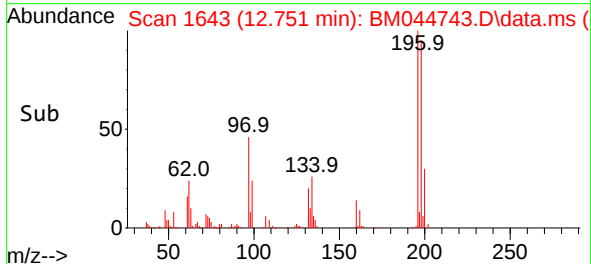
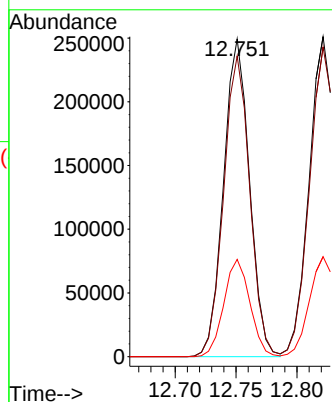
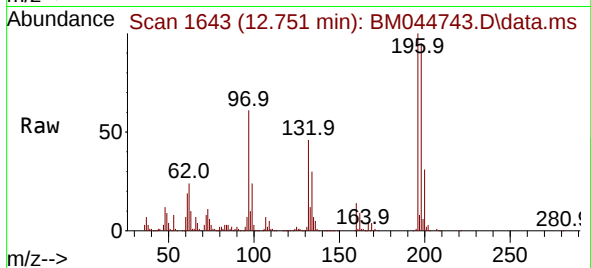
Tgt Ion:196 Resp: 370784

Ion Ratio Lower Upper

196 100

198 94.6 76.9 115.3

200 30.6 25.4 38.0



#44

2,4,5-Trichlorophenol

Concen: 44.267 ng

RT: 12.821 min Scan# 1655

Delta R.T. -0.018 min

Lab File: BM044743.D

Acq: 22 Mar 2024 20:16

Tgt Ion:196 Resp: 393501

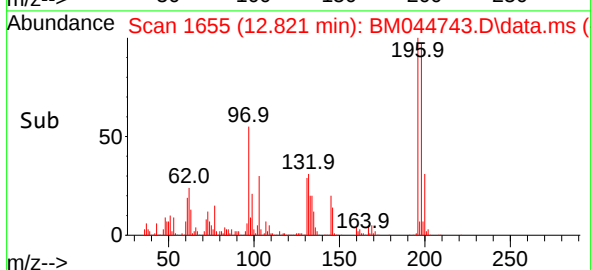
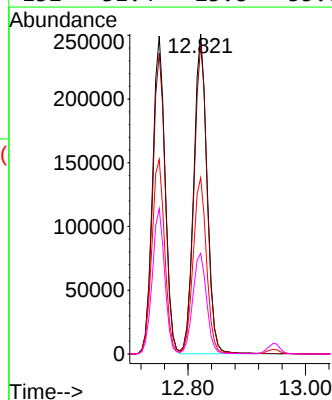
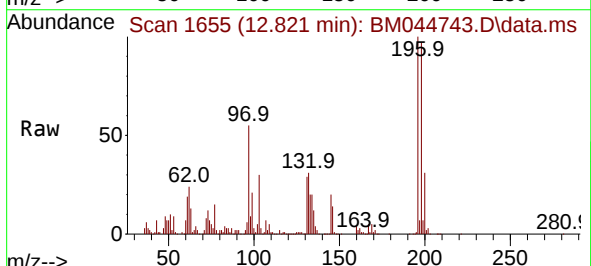
Ion Ratio Lower Upper

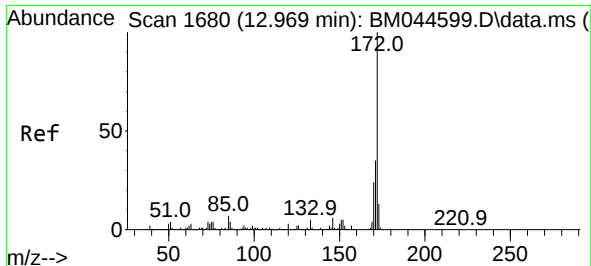
196 100

198 96.8 77.7 116.5

97 55.0 42.8 64.2

132 31.4 23.8 35.6

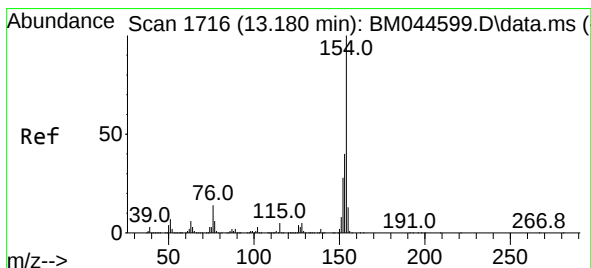
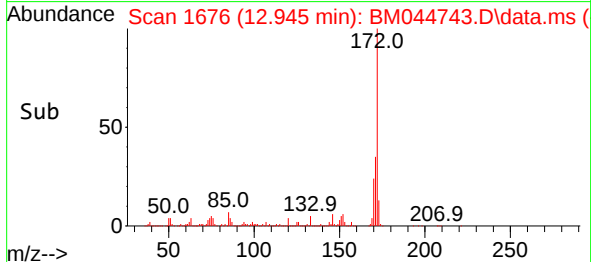
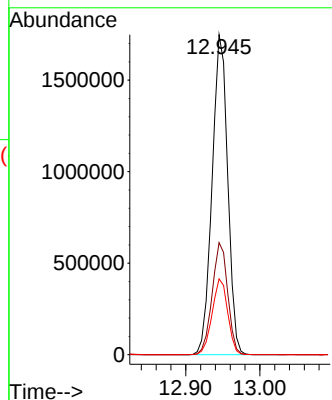
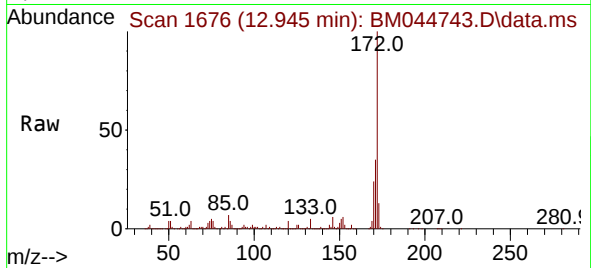




#45
2-Fluorobiphenyl
Concen: 89.745 ng
RT: 12.945 min Scan# 1
Delta R.T. -0.023 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

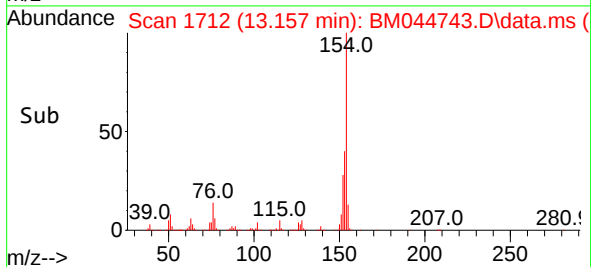
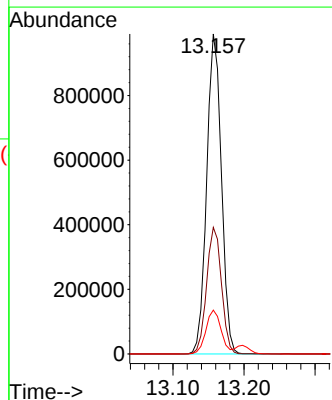
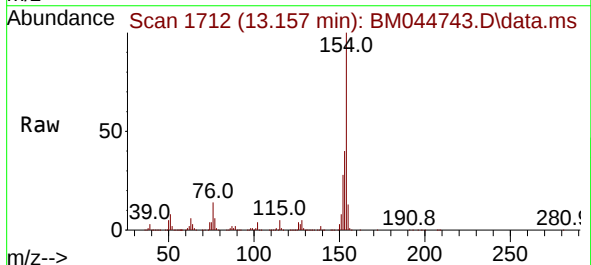
Instrument :
BNA_M
ClientSampleId :
PB159737BS

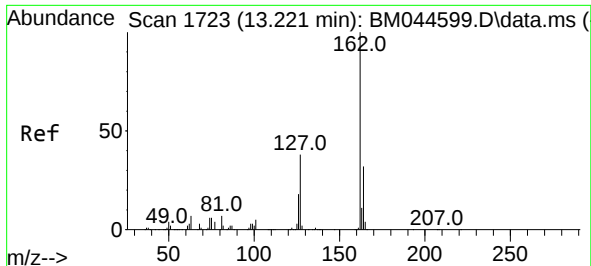
Tgt Ion:172 Resp: 2551247
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.2
170 23.7 19.0 28.6



#46
1,1'-Biphenyl
Concen: 46.617 ng
RT: 13.157 min Scan# 1712
Delta R.T. -0.024 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

Tgt Ion:154 Resp: 1427446
Ion Ratio Lower Upper
154 100
153 39.6 19.9 59.9
76 13.7 0.0 34.0

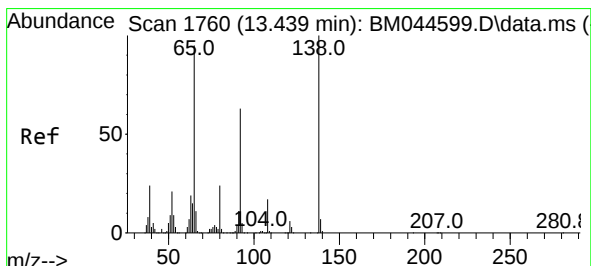
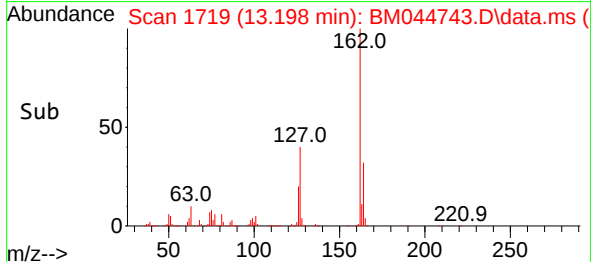
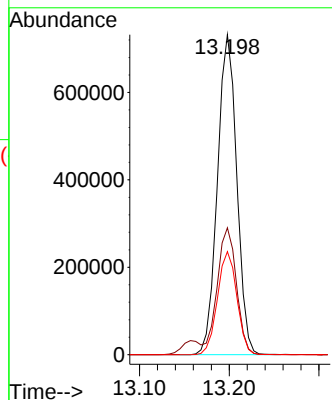
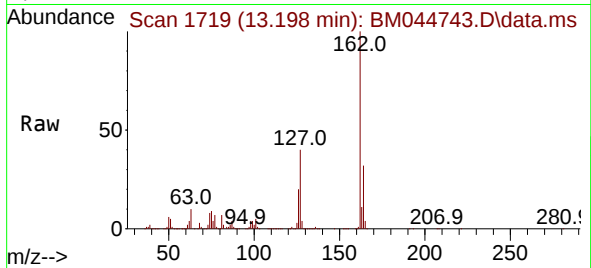




#47
2-Chloronaphthalene
Concen: 48.386 ng
RT: 13.198 min Scan# 1719
Delta R.T. -0.024 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

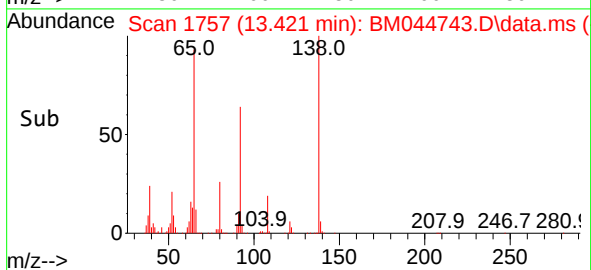
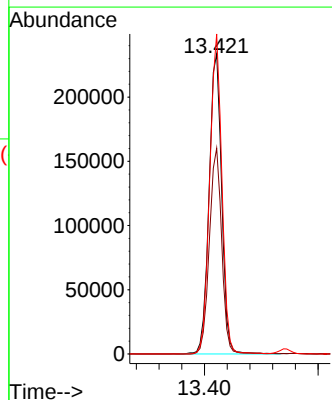
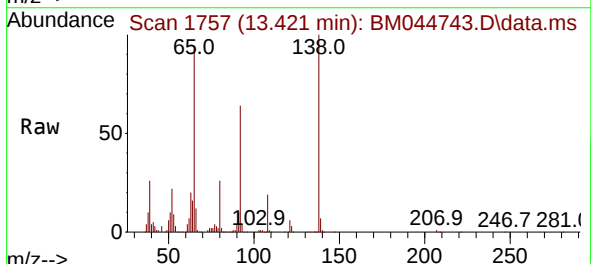
Instrument :
BNA_M
ClientSampleId :
PB159737BS

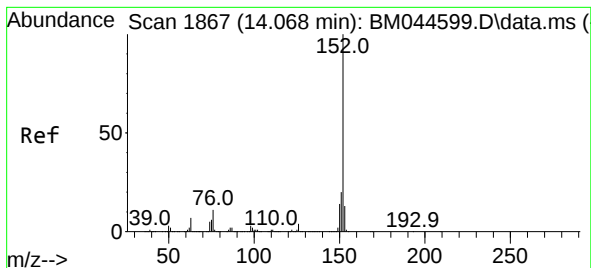
Tgt Ion:162 Resp: 1095606
Ion Ratio Lower Upper
162 100
127 39.6 31.4 47.0
164 32.2 25.8 38.8



#48
2-Nitroaniline
Concen: 46.489 ng
RT: 13.421 min Scan# 1757
Delta R.T. -0.018 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

Tgt Ion: 65 Resp: 357169
Ion Ratio Lower Upper
65 100
92 68.6 53.3 79.9
138 106.6 84.3 126.5





#49

Acenaphthylene

Concen: 48.277 ng

RT: 14.051 min Scan# 1864

Delta R.T. -0.018 min

Lab File: BM044743.D

Acq: 22 Mar 2024 20:16

Instrument :

BNA_M

ClientSampleId :

PB159737BS

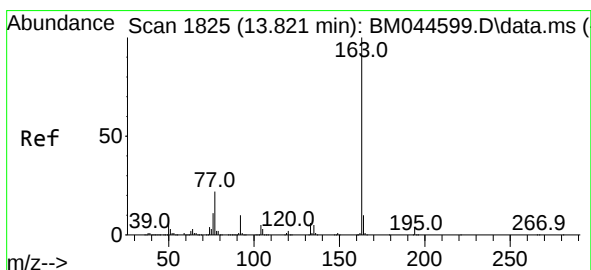
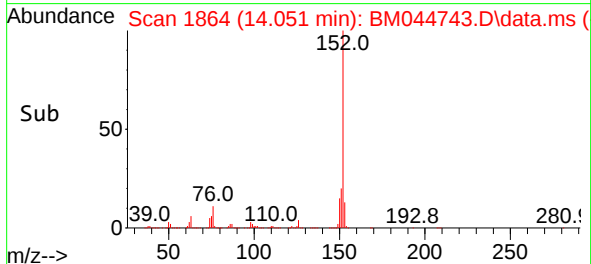
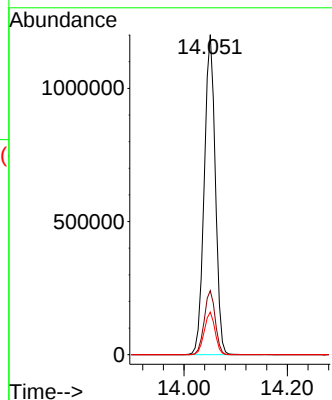
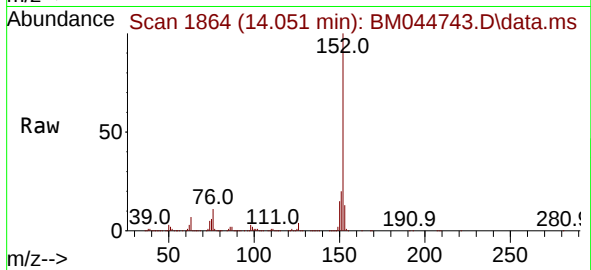
Tgt Ion:152 Resp: 1780742

Ion Ratio Lower Upper

152 100

151 20.0 16.0 24.0

153 13.3 10.6 15.8



#50

Dimethylphthalate

Concen: 44.012 ng

RT: 13.804 min Scan# 1822

Delta R.T. -0.017 min

Lab File: BM044743.D

Acq: 22 Mar 2024 20:16

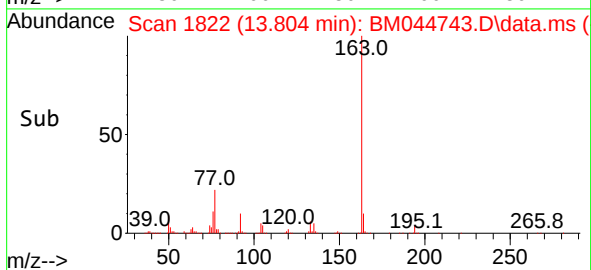
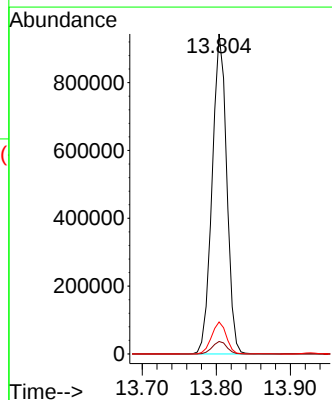
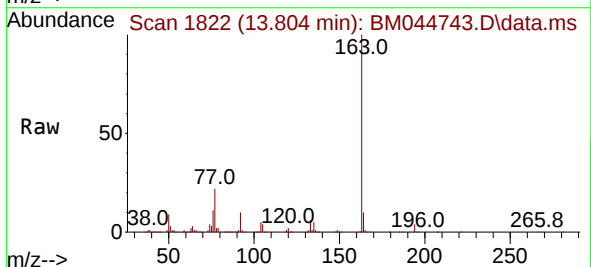
Tgt Ion:163 Resp: 1288842

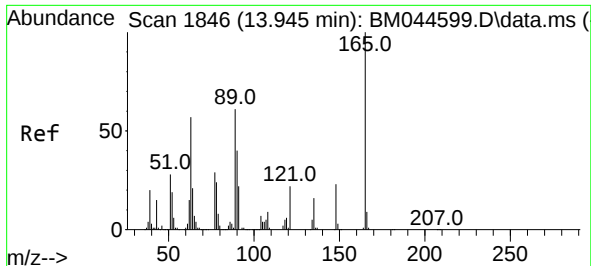
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

164 10.0 8.0 12.0

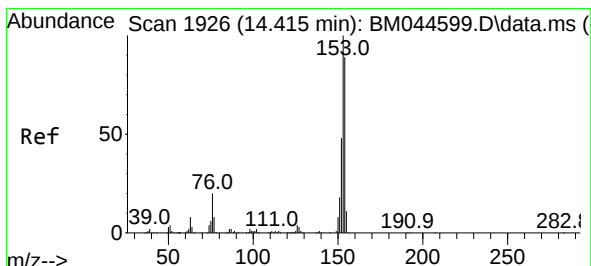
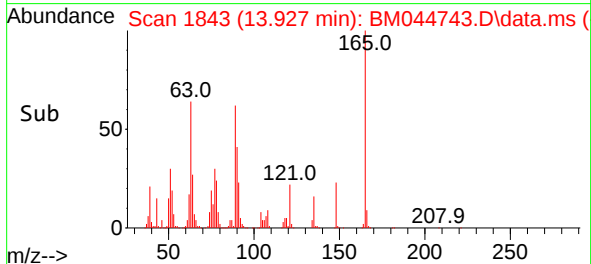
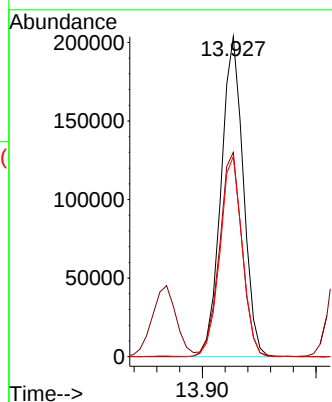
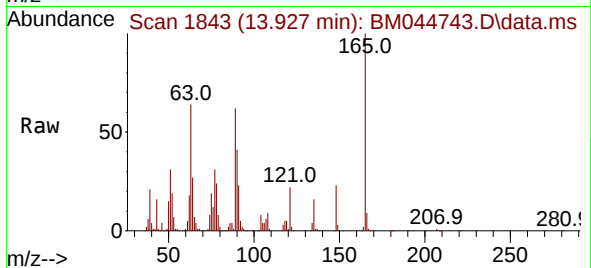




#51
2,6-Dinitrotoluene
Concen: 45.349 ng
RT: 13.927 min Scan# 1843
Delta R.T. -0.018 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

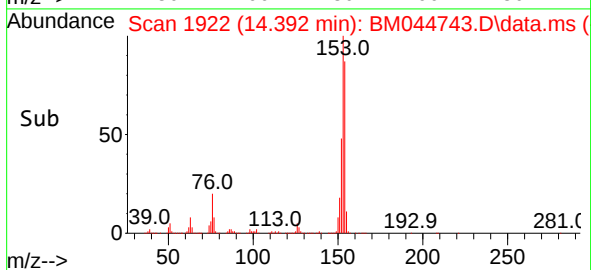
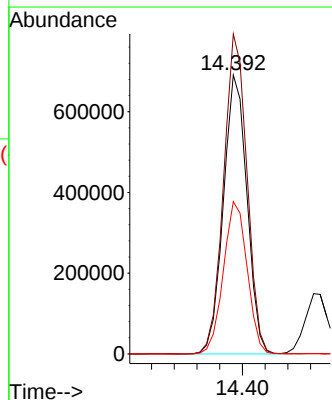
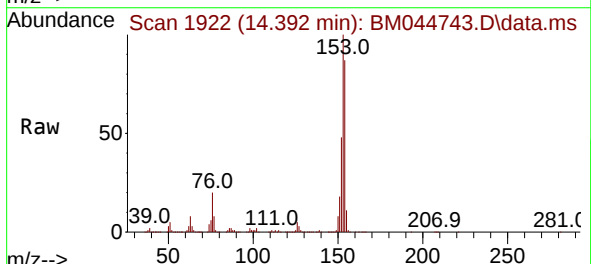
Instrument :
BNA_M
ClientSampleId :
PB159737BS

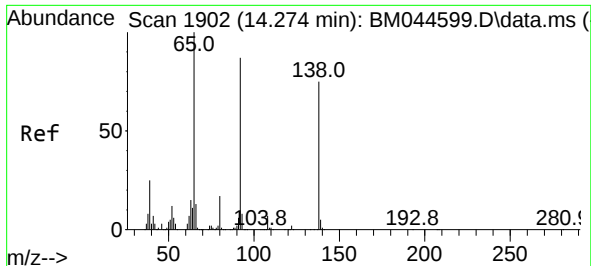
Tgt Ion:165 Resp: 276546
Ion Ratio Lower Upper
165 100
63 63.9 50.4 75.6
89 62.5 49.3 73.9



#52
Acenaphthene
Concen: 44.654 ng
RT: 14.392 min Scan# 1922
Delta R.T. -0.023 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

Tgt Ion:154 Resp: 995687
Ion Ratio Lower Upper
154 100
153 114.7 90.3 135.5
152 54.6 43.1 64.7

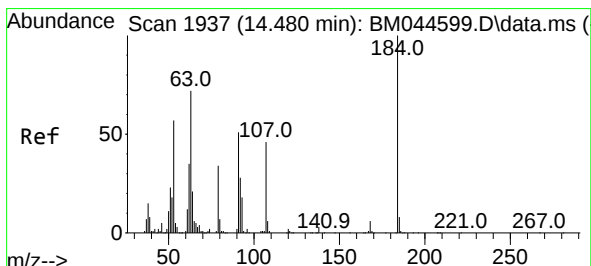
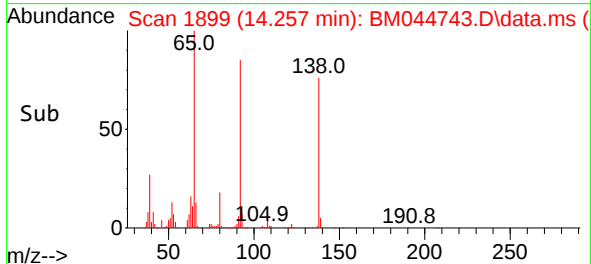
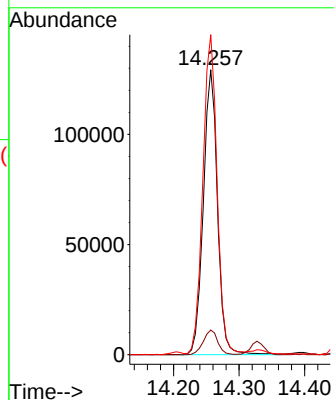
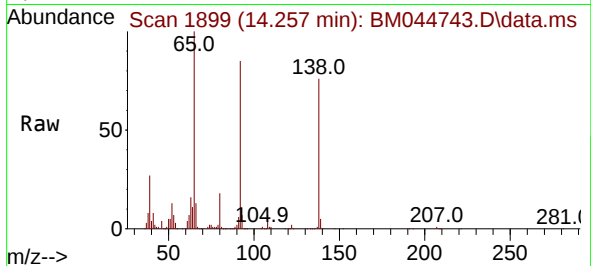




#53
3-Nitroaniline
Concen: 27.224 ng
RT: 14.257 min Scan# 11
Delta R.T. -0.017 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

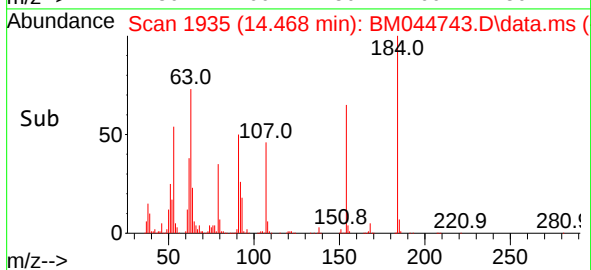
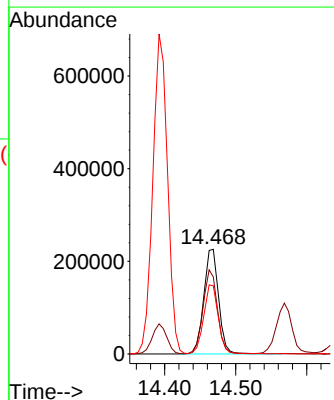
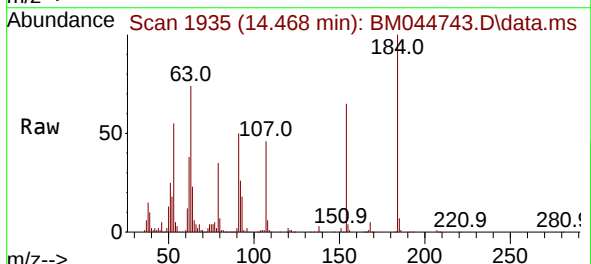
Instrument :
BNA_M
ClientSampleId :
PB159737BS

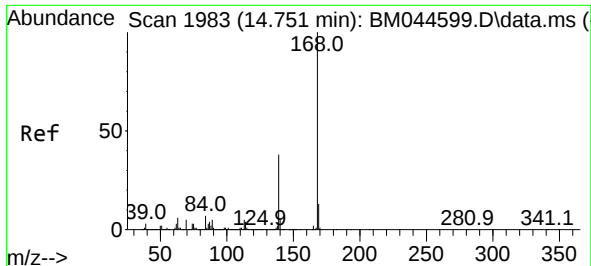
Tgt Ion:138 Resp: 194402
Ion Ratio Lower Upper
138 100
108 8.7 7.5 11.3
92 112.3 92.8 139.2



#54
2,4-Dinitrophenol
Concen: 82.588 ng
RT: 14.468 min Scan# 1935
Delta R.T. -0.012 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

Tgt Ion:184 Resp: 330128
Ion Ratio Lower Upper
184 100
63 73.5 62.2 93.2
154 65.2 47.9 71.9

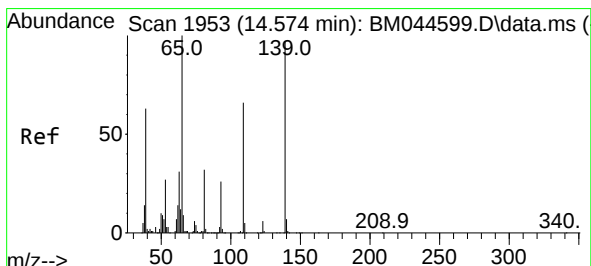
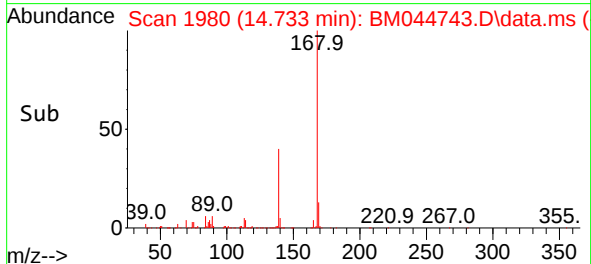
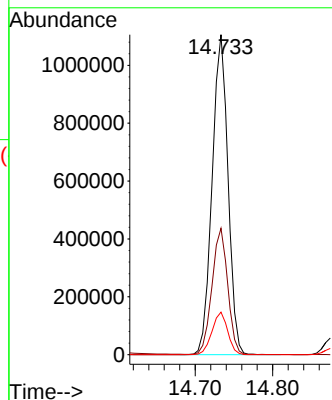
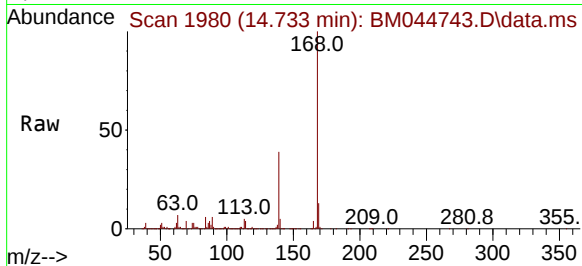




#55
Dibenzenofuran
Concen: 44.372 ng
RT: 14.733 min Scan# 1980
Delta R.T. -0.018 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

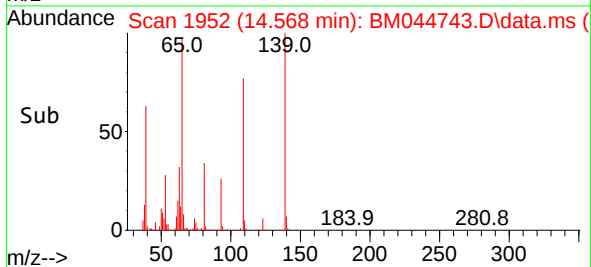
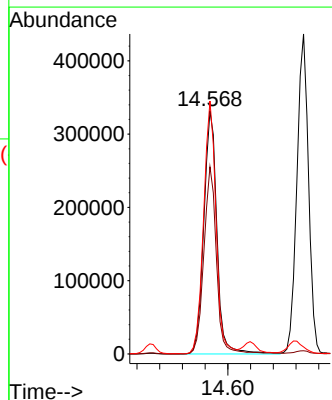
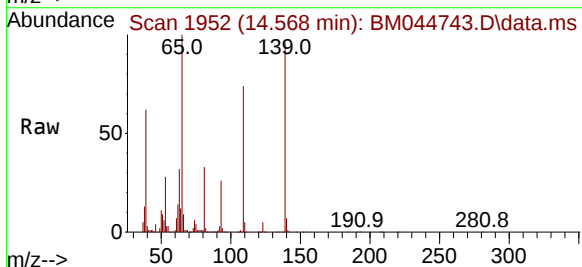
Instrument :
BNA_M
ClientSampleId :
PB159737BS

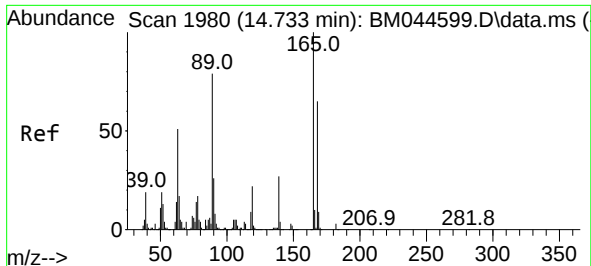
Tgt Ion:168 Resp: 1570262
Ion Ratio Lower Upper
168 100
139 39.5 30.6 46.0
169 13.3 10.6 16.0



#56
4-Nitrophenol
Concen: 90.431 ng
RT: 14.568 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

Tgt Ion:139 Resp: 530342
Ion Ratio Lower Upper
139 100
109 77.1 48.0 88.0
65 104.2 83.5 123.5

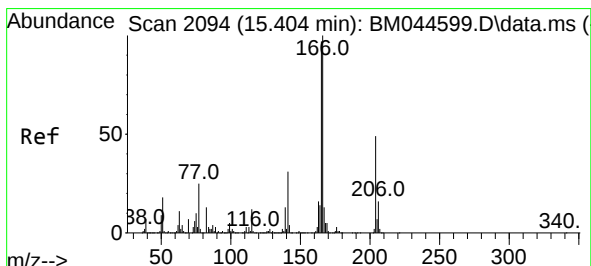
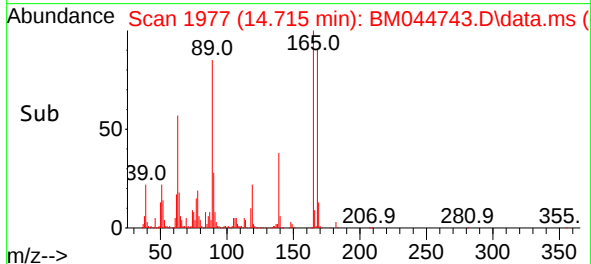
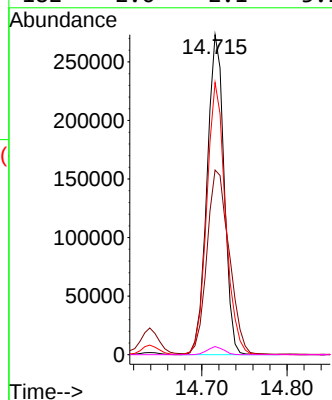
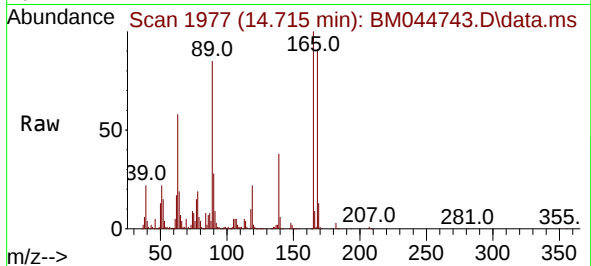




#57
2,4-Dinitrotoluene
Concen: 47.689 ng
RT: 14.715 min Scan# 1980
Delta R.T. -0.018 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

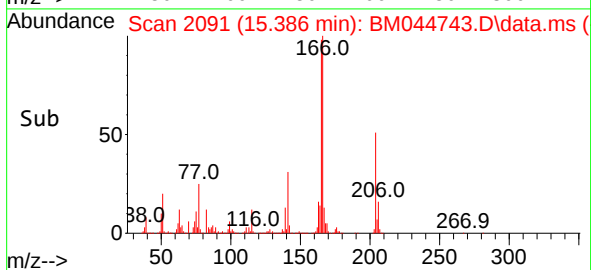
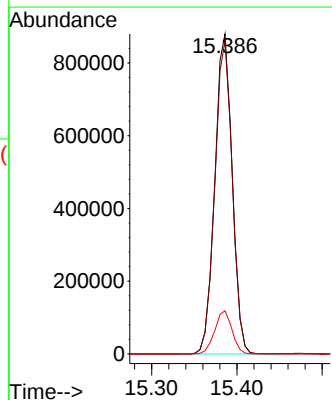
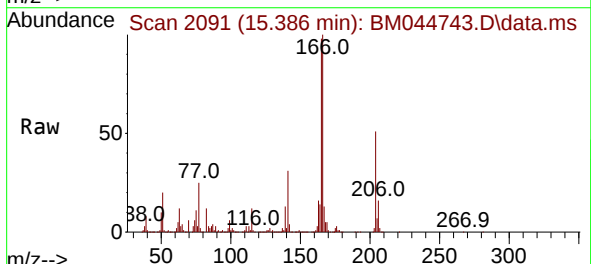
Instrument :
BNA_M
ClientSampleId :
PB159737BS

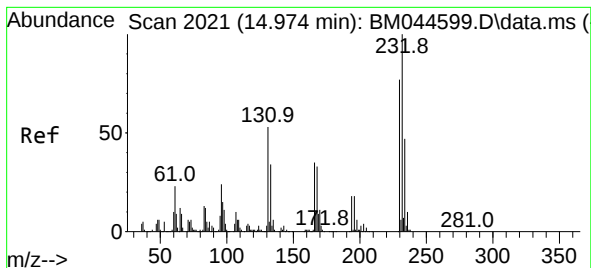
Tgt Ion:165 Resp: 379995
Ion Ratio Lower Upper
165 100
63 57.7 40.9 61.3
89 85.1 63.4 95.0
182 2.6 2.1 3.1



#58
Fluorene
Concen: 45.257 ng
RT: 15.386 min Scan# 2091
Delta R.T. -0.018 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

Tgt Ion:166 Resp: 1247235
Ion Ratio Lower Upper
166 100
165 97.9 77.7 116.5
167 13.5 10.8 16.2

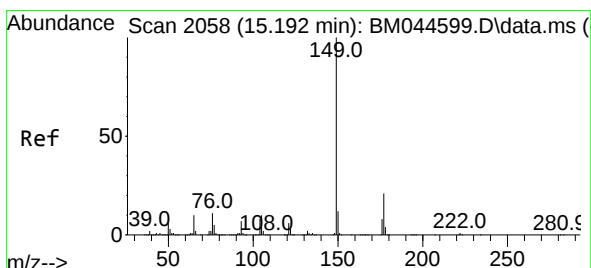
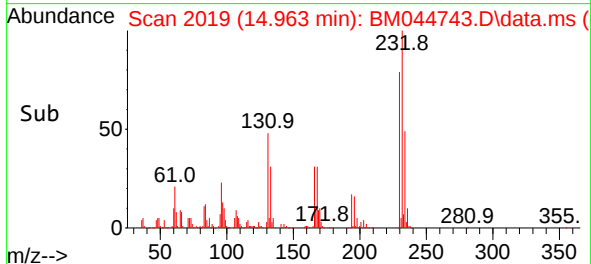
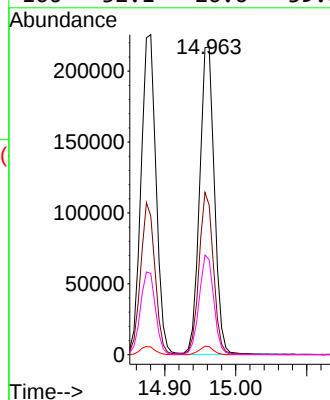
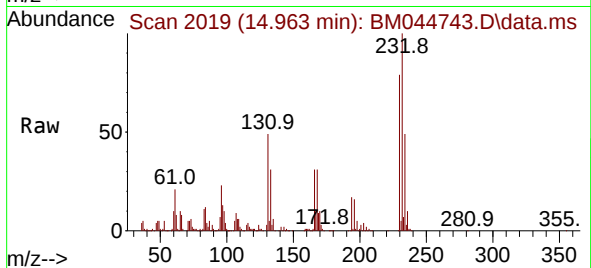




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.571 ng
RT: 14.963 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

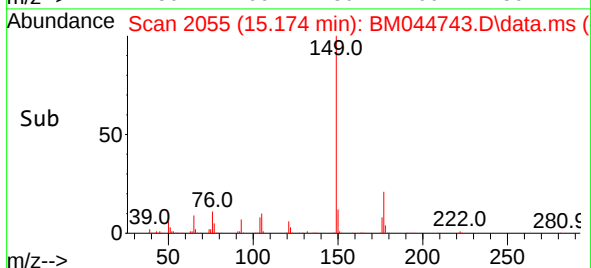
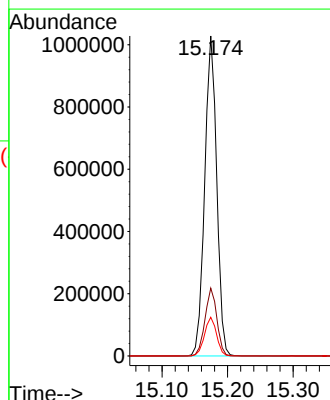
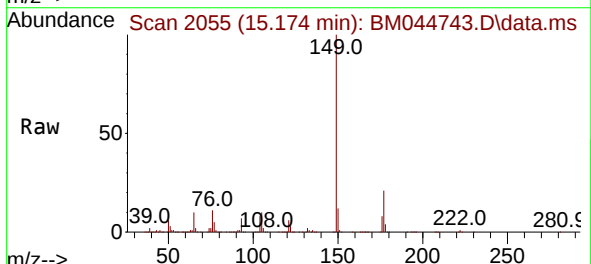
Instrument :
BNA_M
ClientSampleId :
PB159737BS

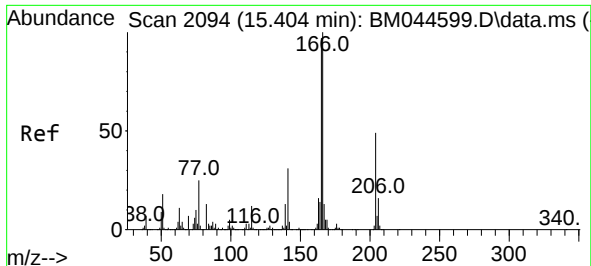
Tgt Ion:232	Resp:	314515
Ion Ratio	Lower	Upper
232	100	
131	51.5	41.0 61.4
130	2.6	2.1 3.1
166	32.1	26.6 39.8



#60
Diethylphthalate
Concen: 44.231 ng
RT: 15.174 min Scan# 2055
Delta R.T. -0.018 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

Tgt Ion:149	Resp:	1311190
Ion Ratio	Lower	Upper
149	100	
177	21.2	16.8 25.2
150	12.1	9.8 14.8

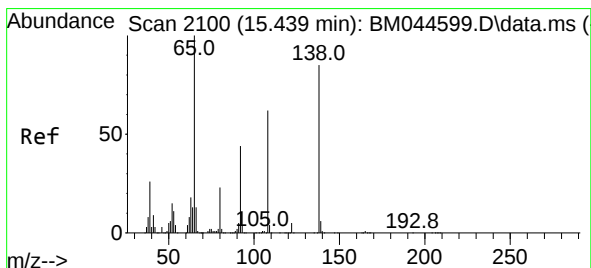
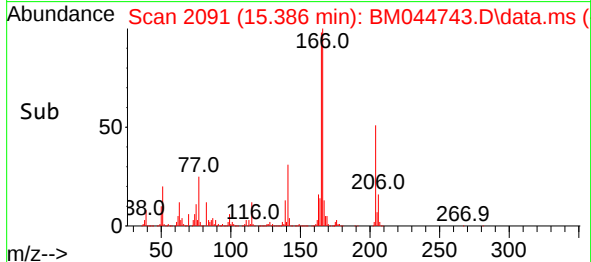
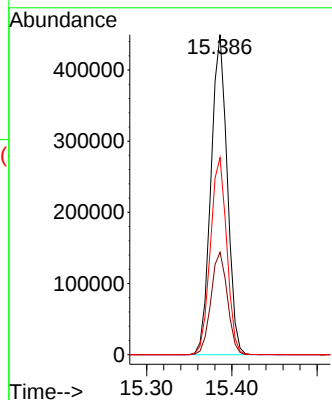
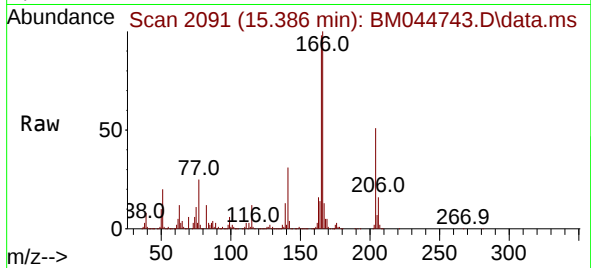




#61
4-Chlorophenyl-phenylether
Concen: 44.982 ng
RT: 15.386 min Scan# 2091
Delta R.T. -0.018 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

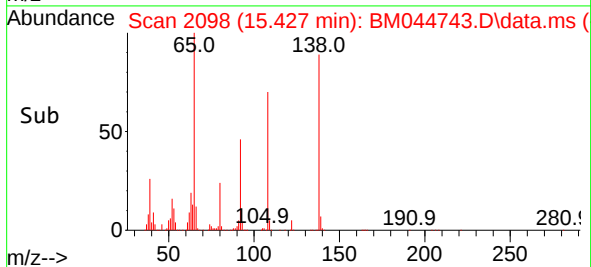
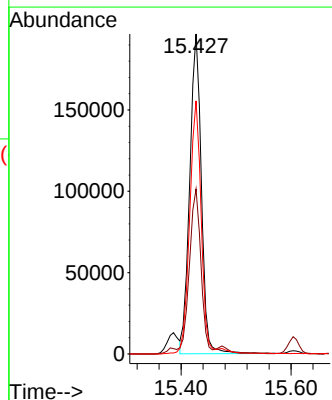
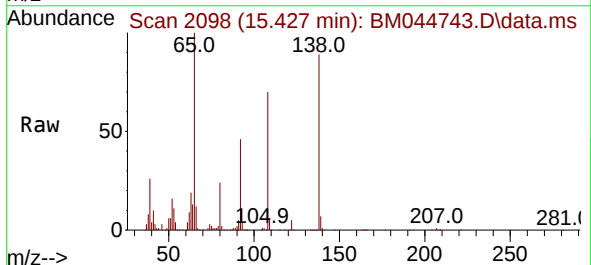
Instrument :
BNA_M
ClientSampleId :
PB159737BS

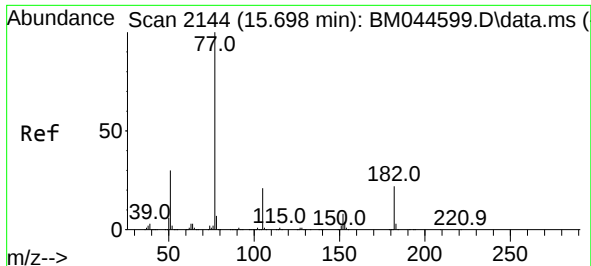
Tgt Ion:204 Resp: 595109
Ion Ratio Lower Upper
204 100
206 32.0 25.9 38.9
141 61.6 49.8 74.8



#62
4-Nitroaniline
Concen: 40.431 ng
RT: 15.427 min Scan# 2098
Delta R.T. -0.012 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

Tgt Ion:138 Resp: 288396
Ion Ratio Lower Upper
138 100
92 51.5 31.9 71.9
108 79.1 53.7 93.7

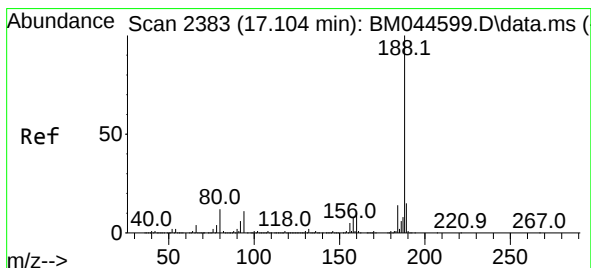
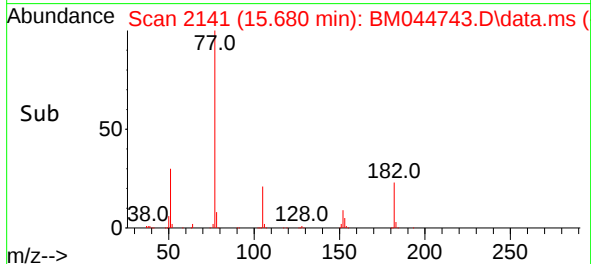
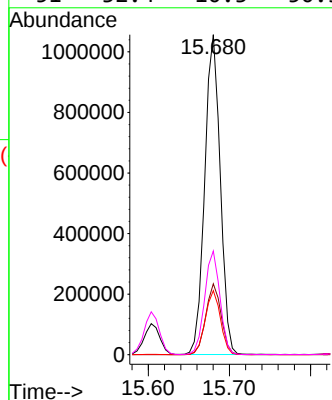
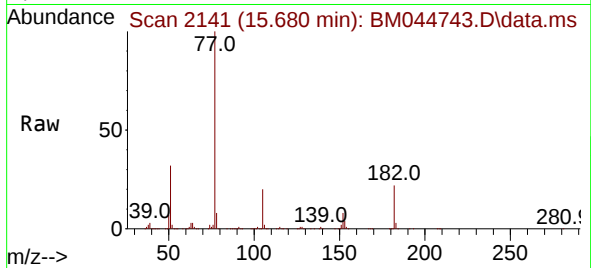




#63
Azobenzene
Concen: 45.658 ng
RT: 15.680 min Scan# 2144
Delta R.T. -0.018 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

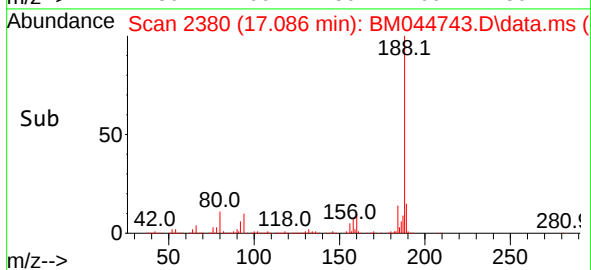
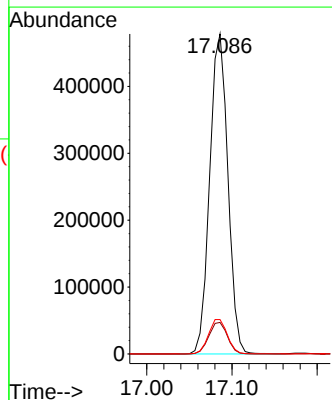
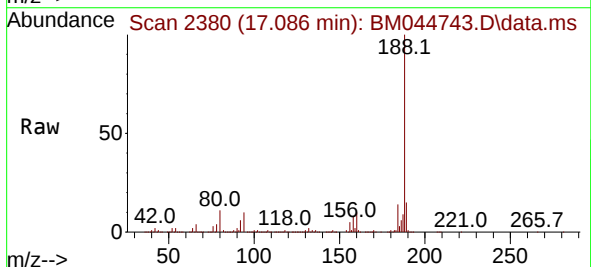
Instrument :
BNA_M
ClientSampleId :
PB159737BS

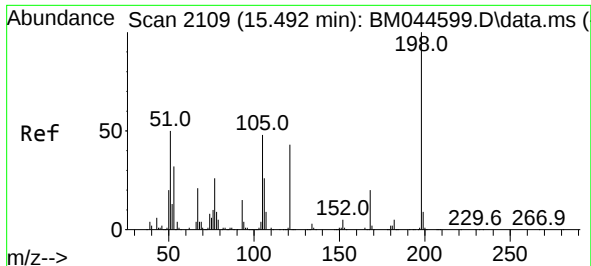
Tgt Ion: 77 Resp: 1399093
Ion Ratio Lower Upper
77 100
182 22.1 1.8 41.8
105 20.0 0.7 40.7
51 32.4 10.3 50.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.086 min Scan# 2380
Delta R.T. -0.018 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

Tgt Ion:188 Resp: 708062
Ion Ratio Lower Upper
188 100
94 9.8 8.4 12.6
80 10.7 9.4 14.0

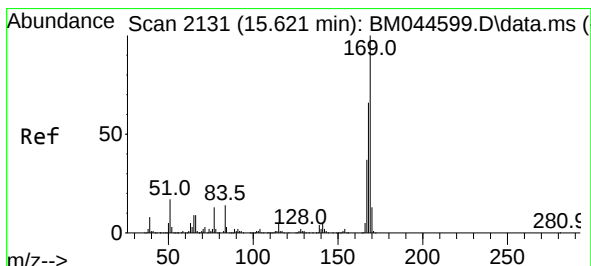
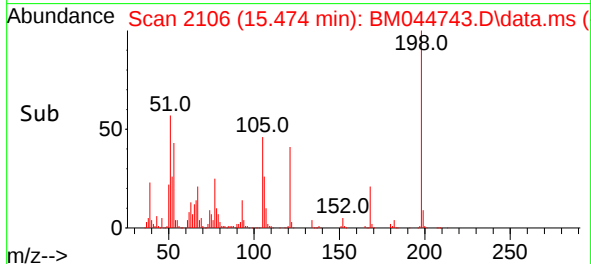
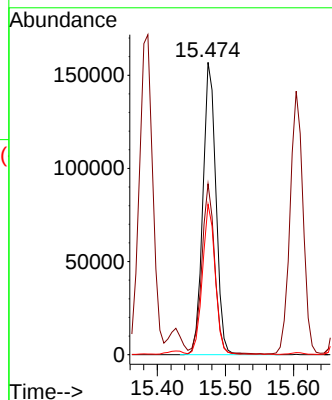
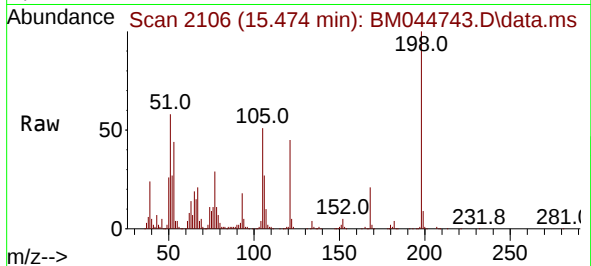




#65
4,6-Dinitro-2-methylphenol
Concen: 47.157 ng
RT: 15.474 min Scan# 2106
Delta R.T. -0.018 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

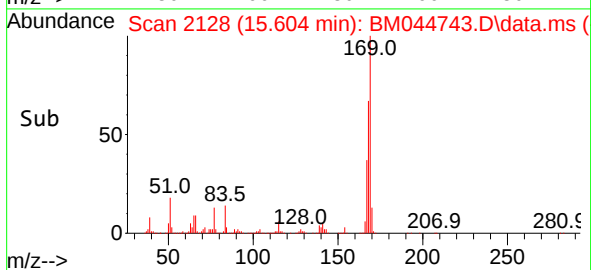
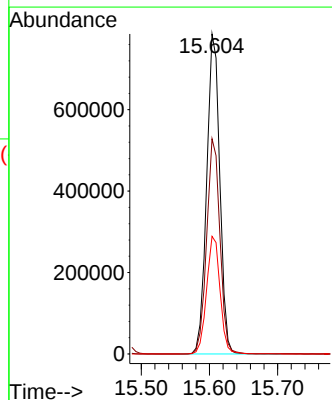
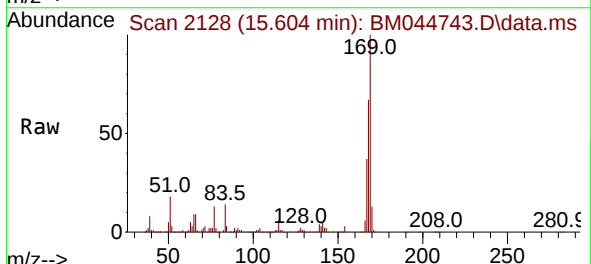
Instrument :
BNA_M
ClientSampleId :
PB159737BS

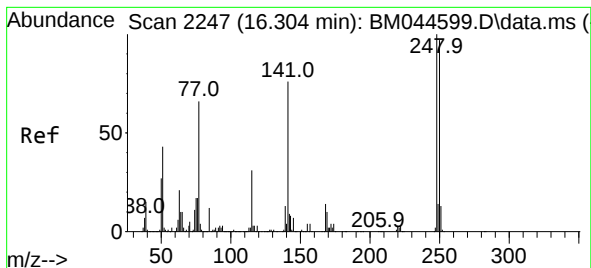
Tgt Ion:198 Resp: 209400
Ion Ratio Lower Upper
198 100
51 58.5 35.0 75.0
105 51.5 28.5 68.5



#66
n-Nitrosodiphenylamine
Concen: 47.560 ng
RT: 15.604 min Scan# 2128
Delta R.T. -0.017 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

Tgt Ion:169 Resp: 1049531
Ion Ratio Lower Upper
169 100
168 67.2 53.1 79.7
167 36.7 29.5 44.3

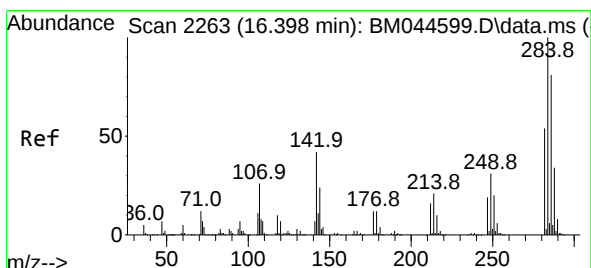
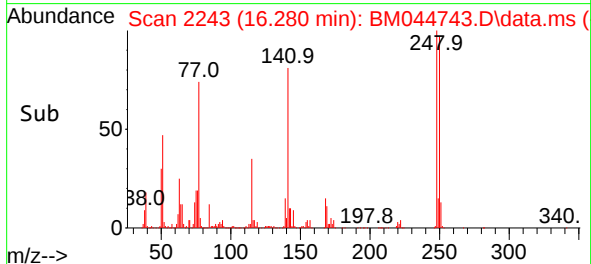
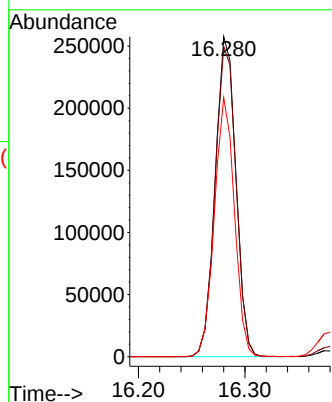
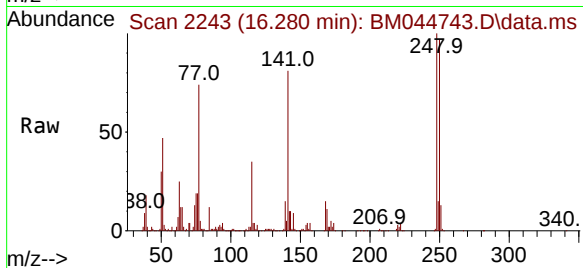




#67
4-Bromophenyl-phenylether
Concen: 47.500 ng
RT: 16.280 min Scan# 21
Delta R.T. -0.024 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

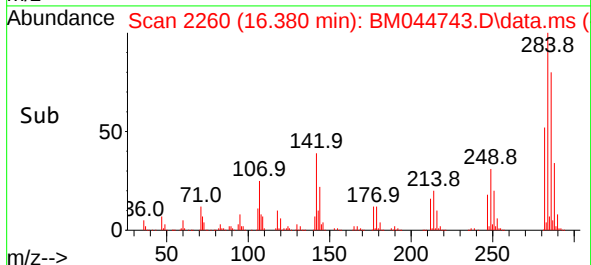
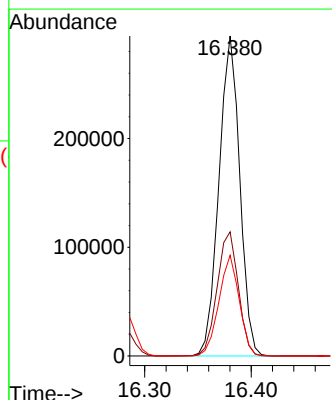
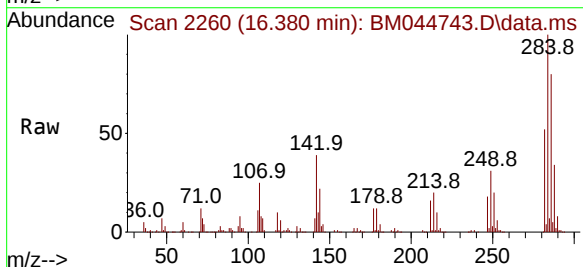
Instrument :
BNA_M
ClientSampleId :
PB159737BS

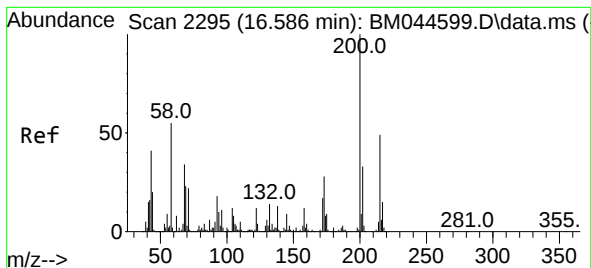
Tgt Ion:248 Resp: 347884
Ion Ratio Lower Upper
248 100
250 97.0 77.8 116.8
141 80.9 60.6 90.8



#68
Hexachlorobenzene
Concen: 51.233 ng
RT: 16.380 min Scan# 2260
Delta R.T. -0.018 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

Tgt Ion:284 Resp: 398864
Ion Ratio Lower Upper
284 100
142 38.8 33.7 50.5
249 31.4 24.8 37.2





#69

Atrazine

Concen: 49.230 ng

RT: 16.568 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM044743.D

Acq: 22 Mar 2024 20:16

Instrument :

BNA_M

ClientSampleId :

PB159737BS

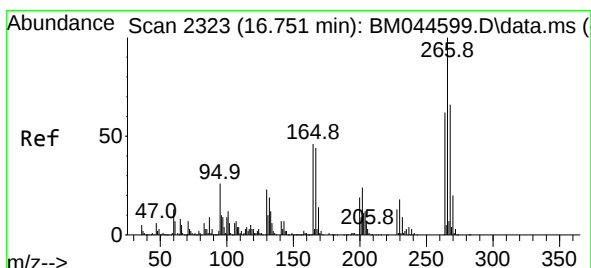
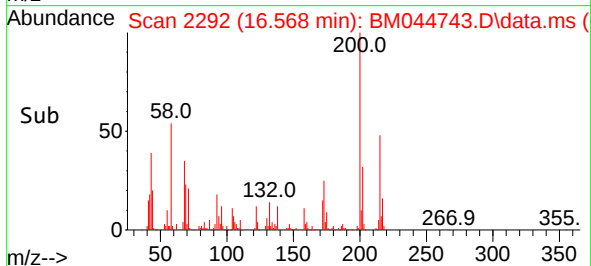
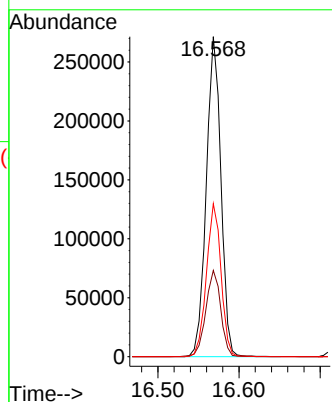
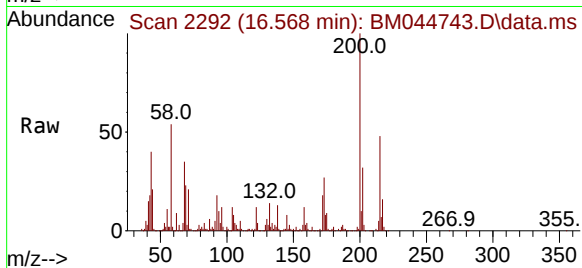
Tgt Ion:200 Resp: 339470

Ion Ratio Lower Upper

200 100

173 26.9 7.7 47.7

215 47.8 28.7 68.7



#70

Pentachlorophenol

Concen: 98.919 ng

RT: 16.733 min Scan# 2320

Delta R.T. -0.018 min

Lab File: BM044743.D

Acq: 22 Mar 2024 20:16

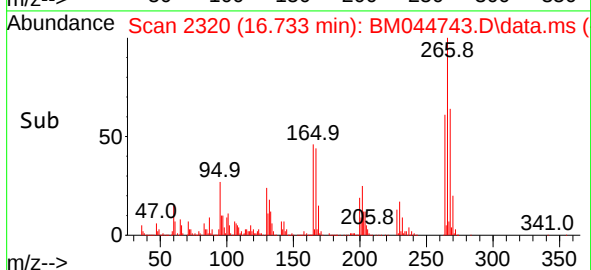
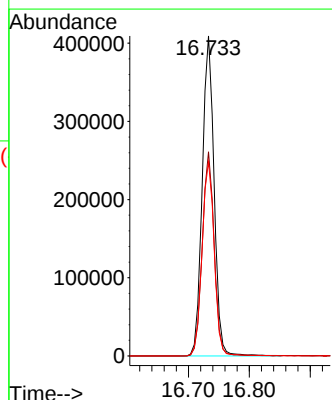
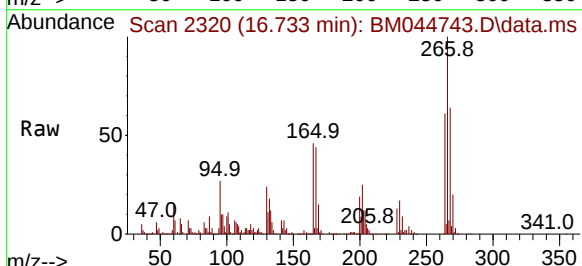
Tgt Ion:266 Resp: 553950

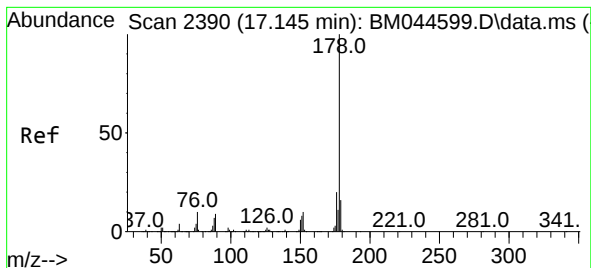
Ion Ratio Lower Upper

266 100

268 63.8 52.4 78.6

264 60.7 49.8 74.8

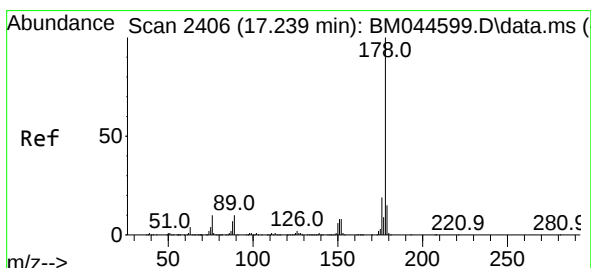
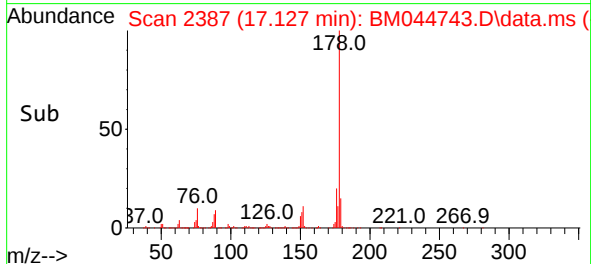
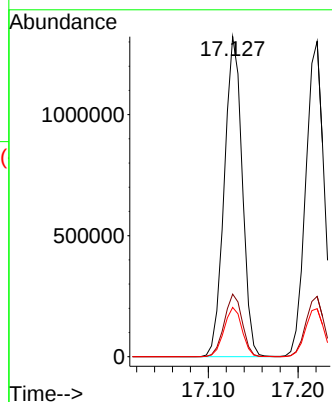
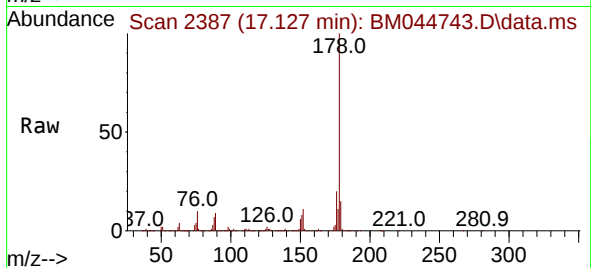




#71
Phenanthrene
Concen: 46.861 ng
RT: 17.127 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

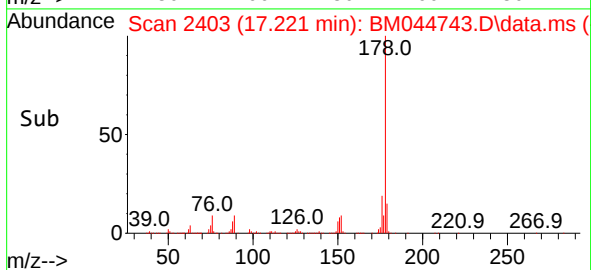
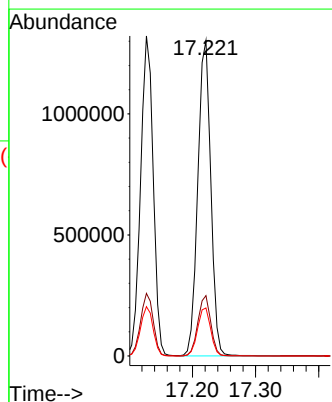
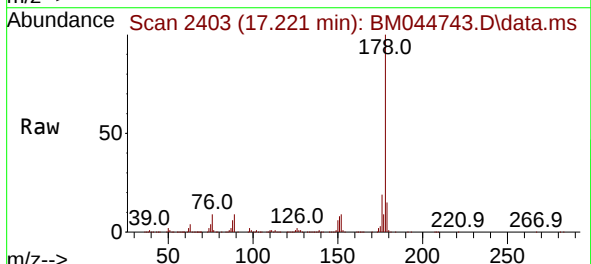
Instrument :
BNA_M
ClientSampleId :
PB159737BS

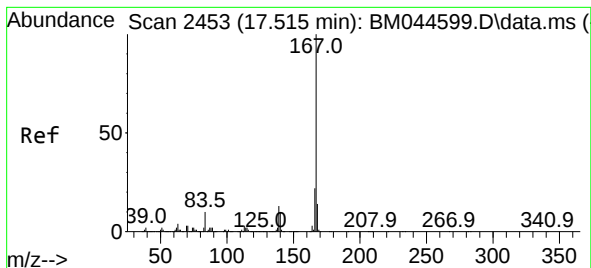
Tgt Ion:178 Resp: 1833636
Ion Ratio Lower Upper
178 100
176 19.6 15.7 23.5
179 15.4 12.4 18.6



#72
Anthracene
Concen: 47.289 ng
RT: 17.221 min Scan# 2403
Delta R.T. -0.018 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

Tgt Ion:178 Resp: 1855808
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.2 12.2 18.4





#73

Carbazole

Concen: 47.627 ng

RT: 17.498 min Scan# 24

Delta R.T. -0.018 min

Lab File: BM044743.D

Acq: 22 Mar 2024 20:16

Instrument :

BNA_M

ClientSampleId :

PB159737BS

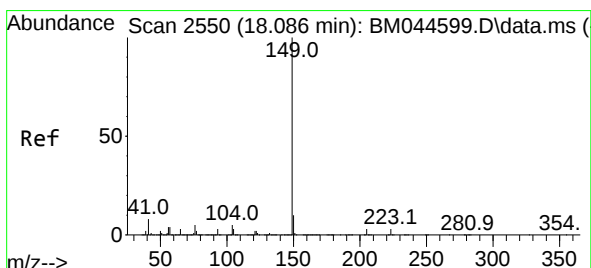
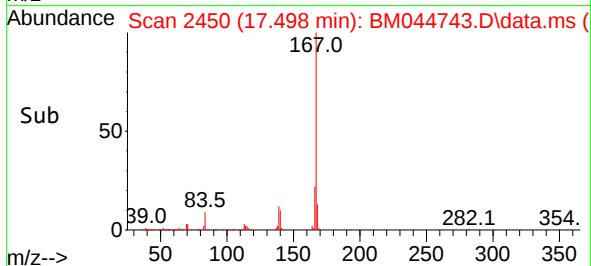
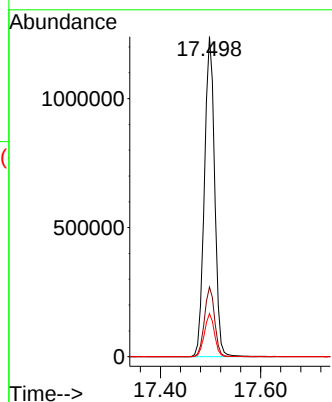
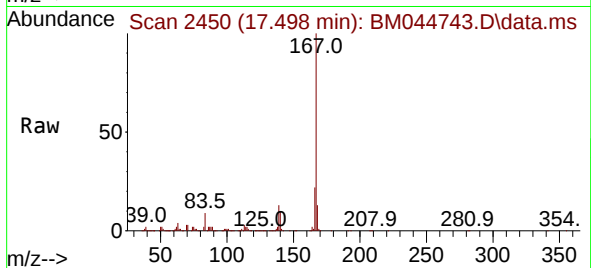
Tgt Ion:167 Resp: 1760388

Ion Ratio Lower Upper

167 100

166 21.8 17.2 25.8

139 13.5 10.6 15.8



#74

Di-n-butylphthalate

Concen: 46.857 ng

RT: 18.068 min Scan# 2547

Delta R.T. -0.018 min

Lab File: BM044743.D

Acq: 22 Mar 2024 20:16

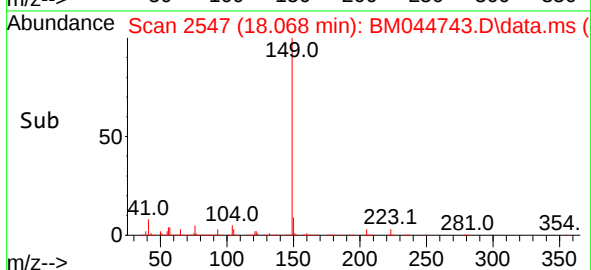
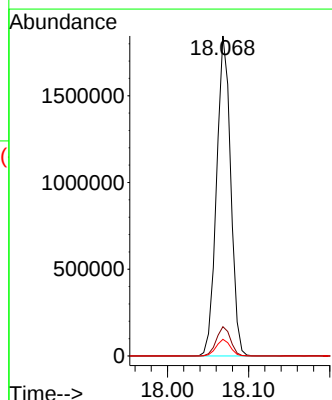
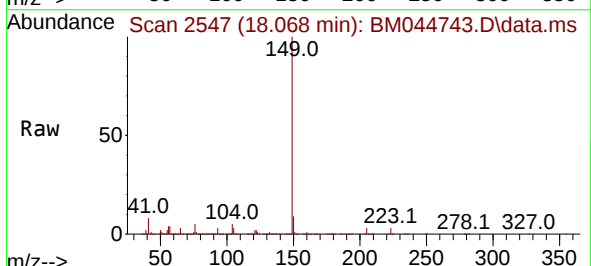
Tgt Ion:149 Resp: 2231650

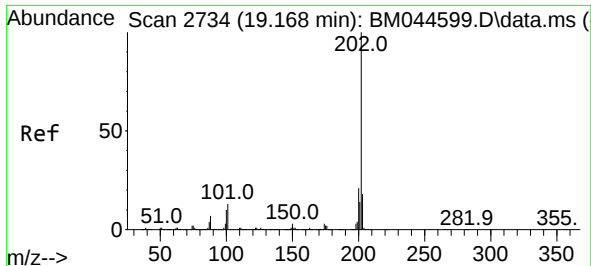
Ion Ratio Lower Upper

149 100

150 9.1 7.6 11.4

104 5.2 4.0 6.0

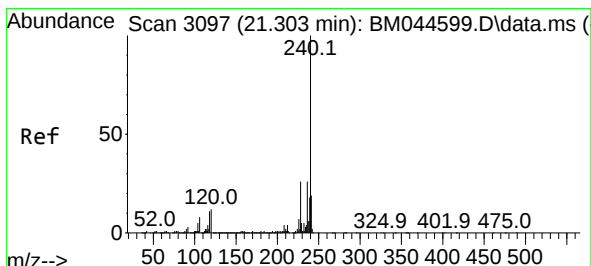
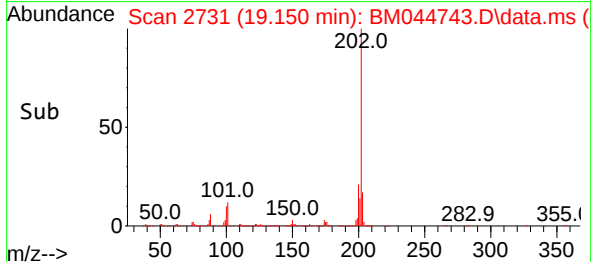
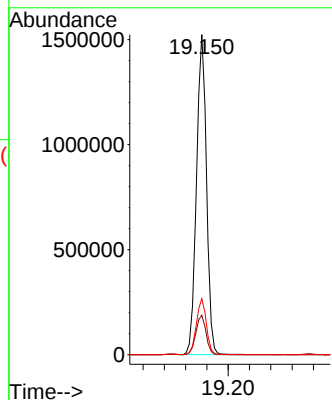
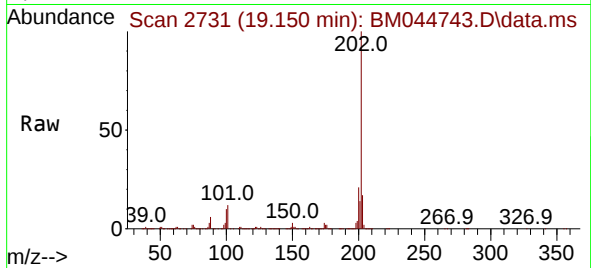




#75
Fluoranthene
Concen: 45.442 ng
RT: 19.150 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

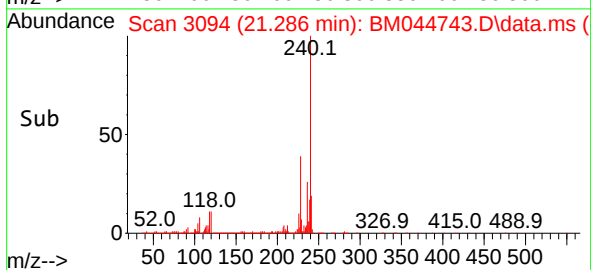
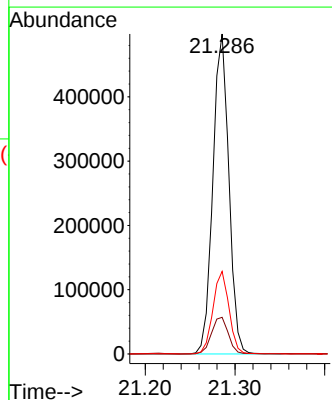
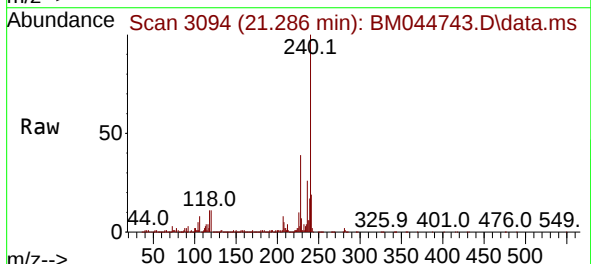
Instrument :
BNA_M
ClientSampleId :
PB159737BS

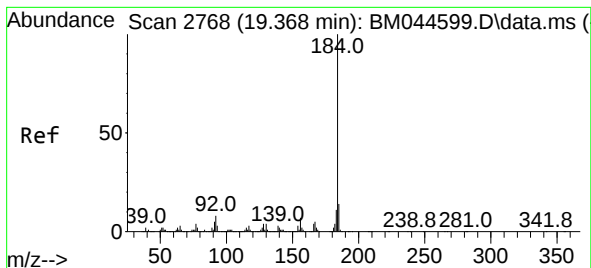
Tgt Ion:202 Resp: 1987656
Ion Ratio Lower Upper
202 100
101 12.4 0.0 33.3
203 17.5 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.286 min Scan# 3094
Delta R.T. -0.018 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

Tgt Ion:240 Resp: 616039
Ion Ratio Lower Upper
240 100
120 11.5 9.7 14.5
236 25.8 21.0 31.4





#77

Benzidine

Concen: 47.048 ng

RT: 19.350 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM044743.D

Acq: 22 Mar 2024 20:16

Instrument :

BNA_M

ClientSampleId :

PB159737BS

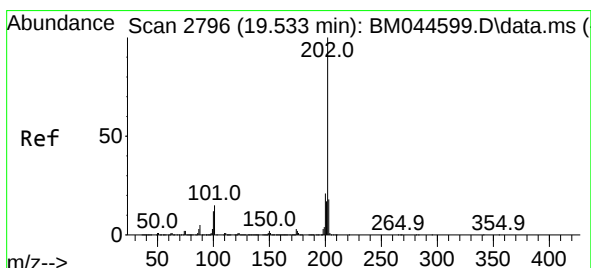
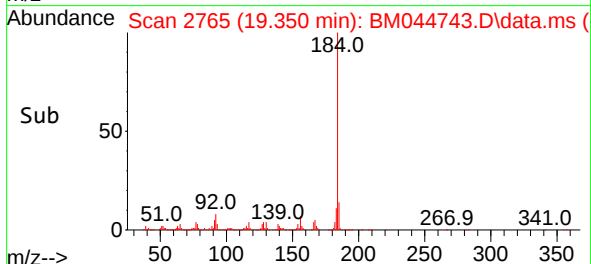
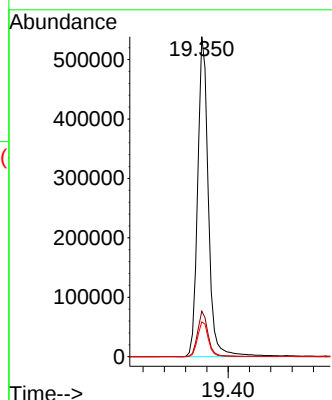
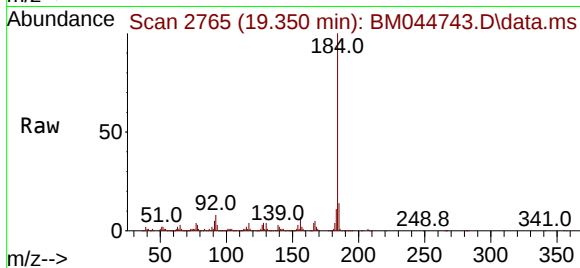
Tgt Ion:184 Resp: 749086

Ion Ratio Lower Upper

184 100

185 14.2 11.0 16.6

183 10.9 8.7 13.1



#78

Pyrene

Concen: 47.300 ng

RT: 19.515 min Scan# 2793

Delta R.T. -0.018 min

Lab File: BM044743.D

Acq: 22 Mar 2024 20:16

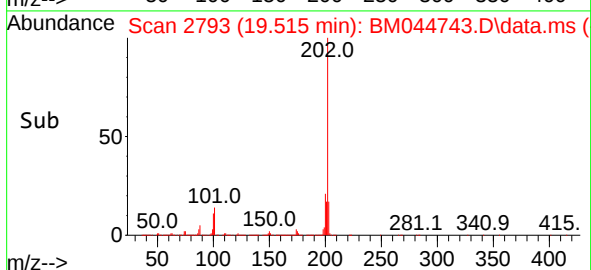
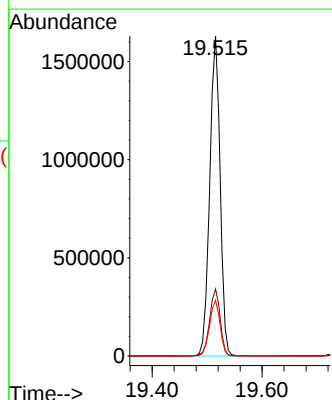
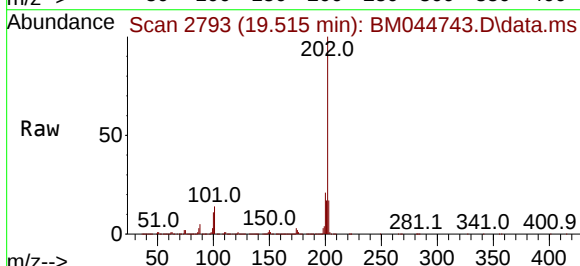
Tgt Ion:202 Resp: 2135640

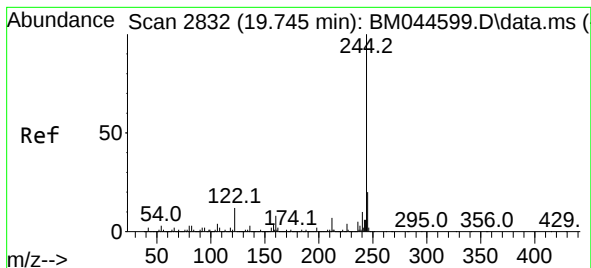
Ion Ratio Lower Upper

202 100

200 20.9 17.0 25.4

203 17.4 14.1 21.1





#79

Terphenyl-d14

Concen: 91.800 ng

RT: 19.727 min Scan# 2829

Delta R.T. -0.018 min

Lab File: BM044743.D

Acq: 22 Mar 2024 20:16

Instrument :

BNA_M

ClientSampleId :

PB159737BS

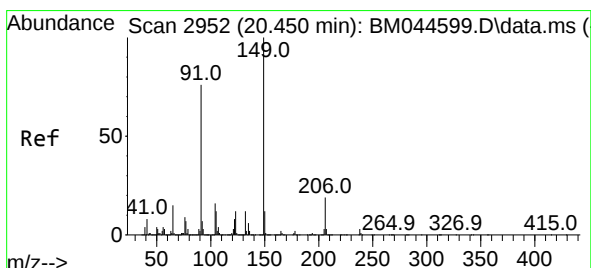
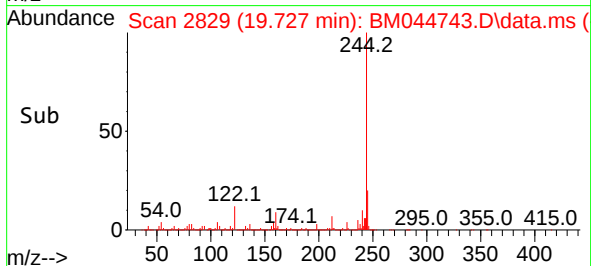
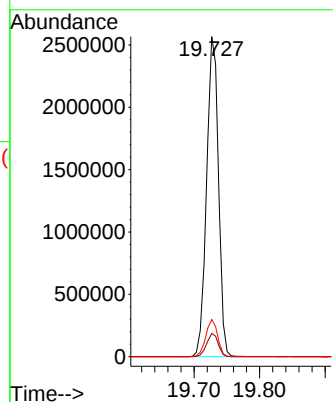
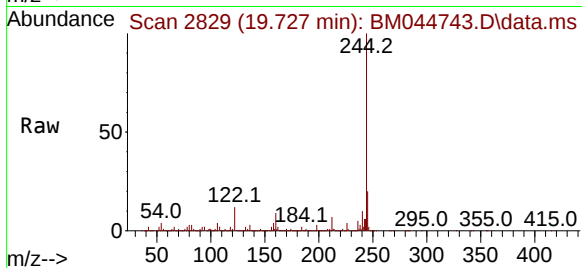
Tgt Ion:244 Resp: 3232769

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

122 11.6 9.7 14.5



#80

Butylbenzylphthalate

Concen: 47.242 ng

RT: 20.433 min Scan# 2949

Delta R.T. -0.018 min

Lab File: BM044743.D

Acq: 22 Mar 2024 20:16

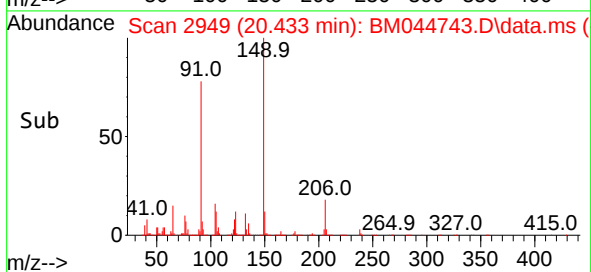
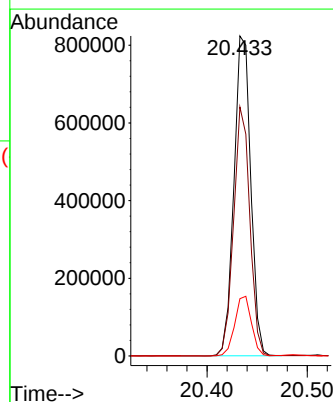
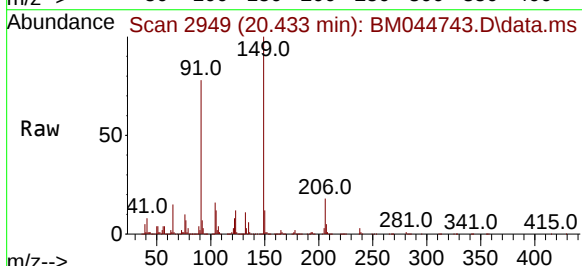
Tgt Ion:149 Resp: 961306

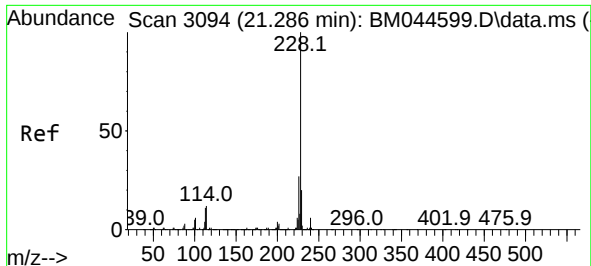
Ion Ratio Lower Upper

149 100

91 77.8 61.0 91.6

206 17.9 15.0 22.6

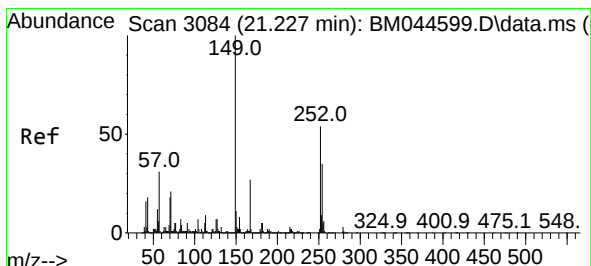
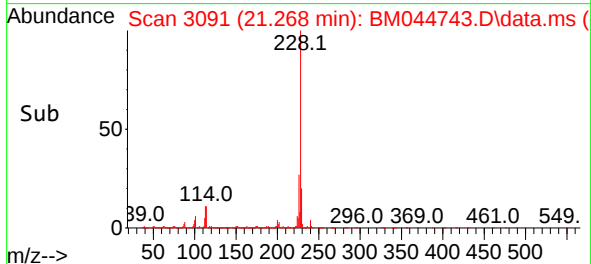
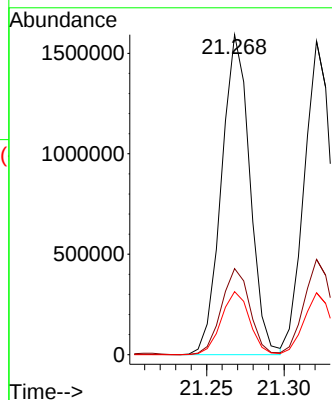
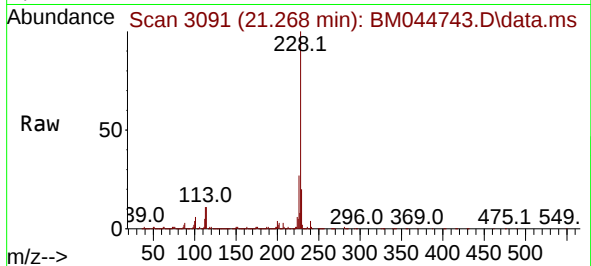




#81
Benzo(a)anthracene
Concen: 47.313 ng
RT: 21.268 min Scan# 3091
Delta R.T. -0.018 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

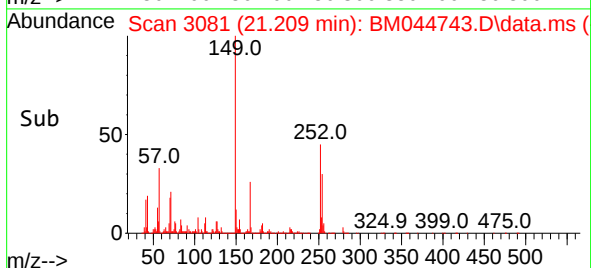
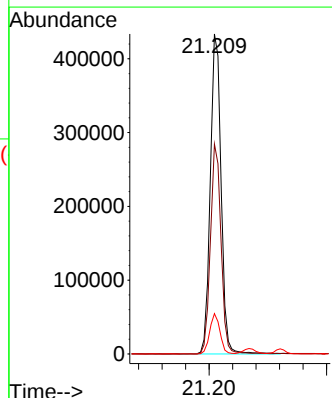
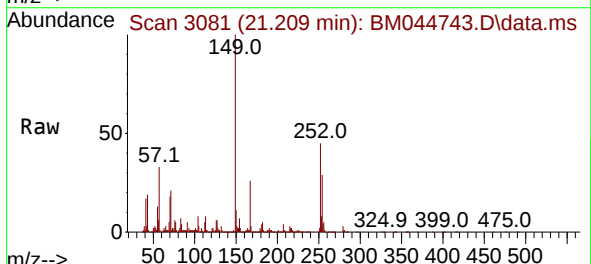
Instrument :
BNA_M
ClientSampleId :
PB159737BS

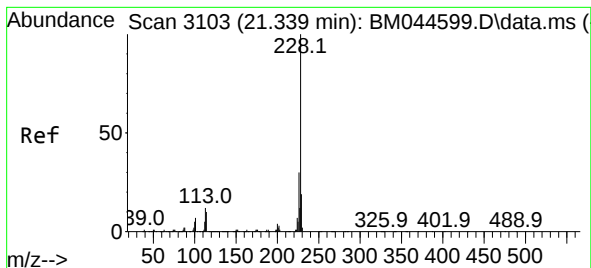
Tgt Ion:228 Resp: 2028007
Ion Ratio Lower Upper
228 100
226 26.9 21.9 32.9
229 19.7 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 37.257 ng
RT: 21.209 min Scan# 3081
Delta R.T. -0.018 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

Tgt Ion:252 Resp: 550014
Ion Ratio Lower Upper
252 100
254 65.6 51.4 77.0
126 12.6 9.8 14.6





#83

Chrysene

Concen: 46.484 ng

RT: 21.321 min Scan# 31

Delta R.T. -0.018 min

Lab File: BM044743.D

Acq: 22 Mar 2024 20:16

Instrument :

BNA_M

ClientSampleId :

PB159737BS

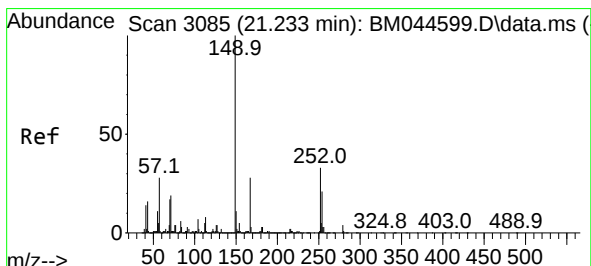
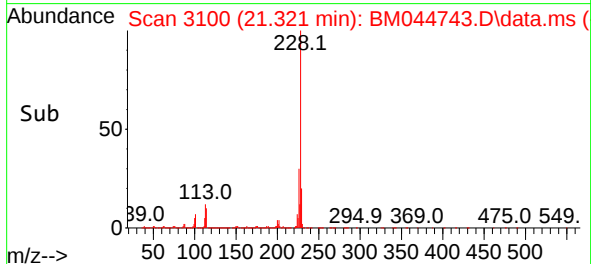
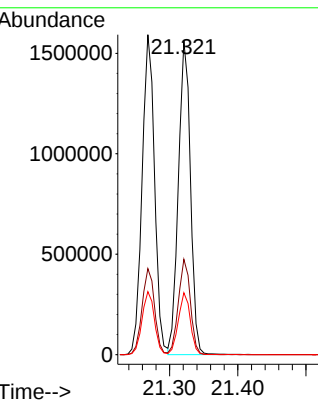
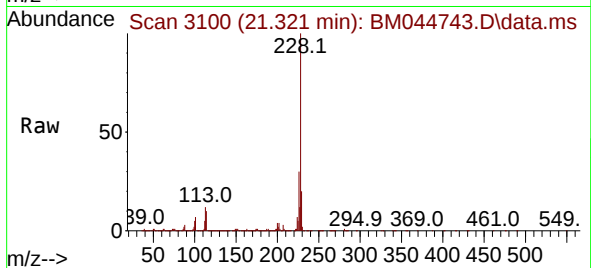
Tgt Ion:228 Resp: 1903957

Ion Ratio Lower Upper

228 100

226 30.4 23.6 35.4

229 19.7 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.454 ng

RT: 21.215 min Scan# 3082

Delta R.T. -0.018 min

Lab File: BM044743.D

Acq: 22 Mar 2024 20:16

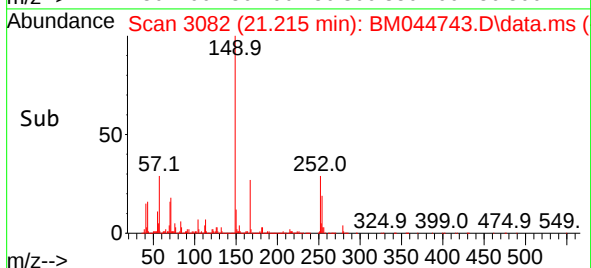
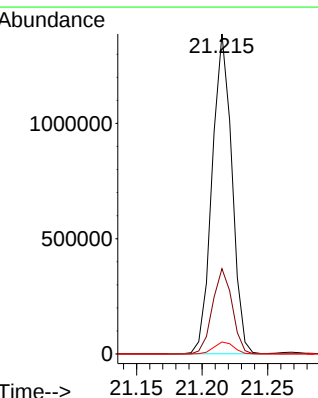
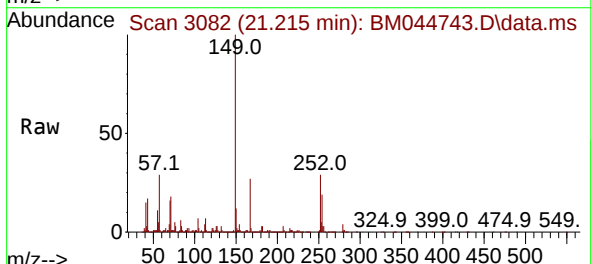
Tgt Ion:149 Resp: 1454745

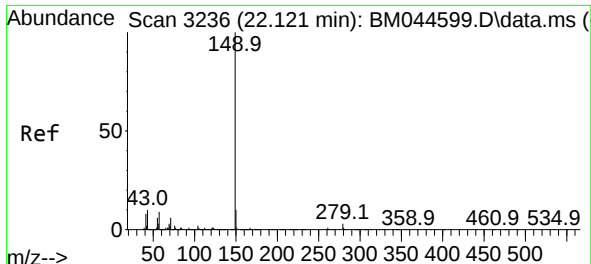
Ion Ratio Lower Upper

149 100

167 26.7 22.1 33.1

279 3.8 3.0 4.4

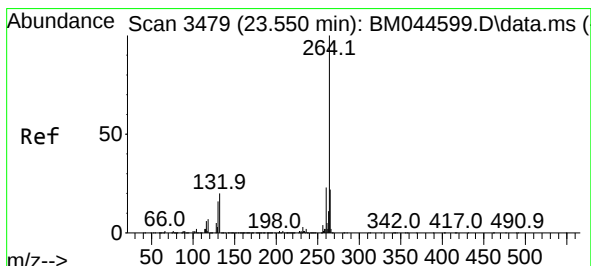
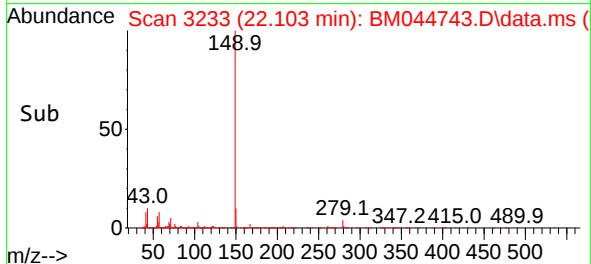
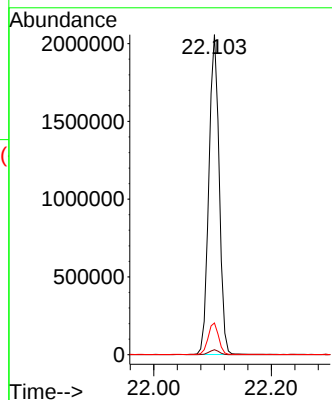
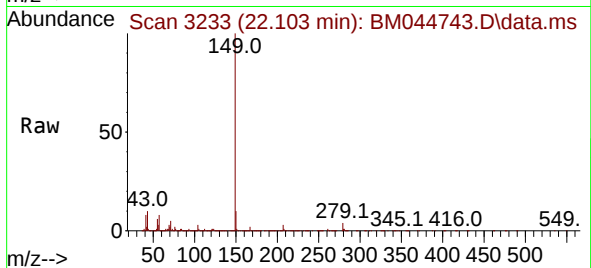




#85
Di-n-octyl phthalate
Concen: 47.104 ng
RT: 22.103 min Scan# 31
Delta R.T. -0.018 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

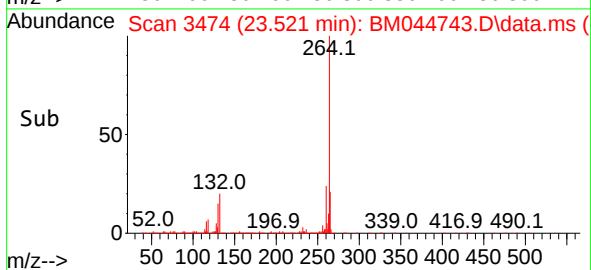
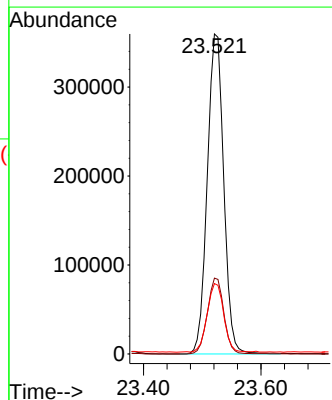
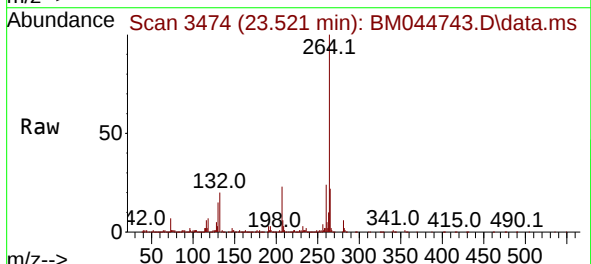
Instrument :
BNA_M
ClientSampleId :
PB159737BS

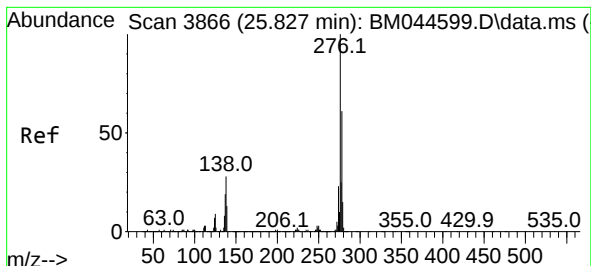
Tgt Ion:149 Resp: 2504762
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.0 7.9 11.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.521 min Scan# 3474
Delta R.T. -0.029 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

Tgt Ion:264 Resp: 698149
Ion Ratio Lower Upper
264 100
260 23.7 18.3 27.5
265 22.0 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.312 ng

RT: 25.785 min Scan# 3

Delta R.T. -0.041 min

Lab File: BM044743.D

Acq: 22 Mar 2024 20:16

Instrument :

BNA_M

ClientSampleId :

PB159737BS

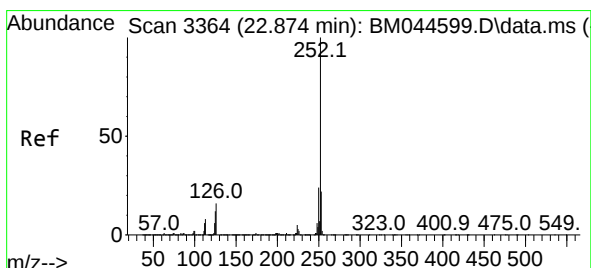
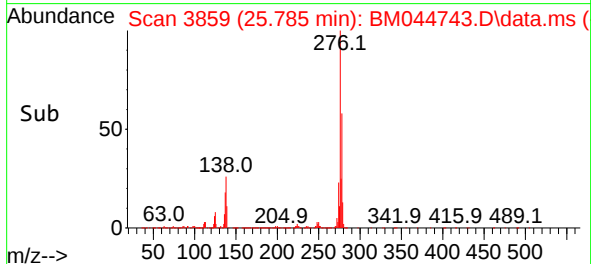
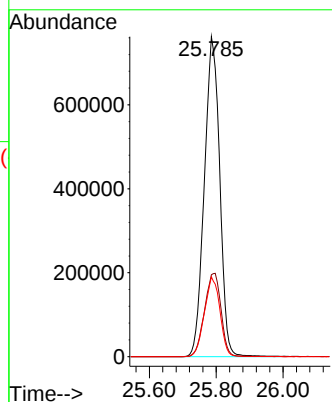
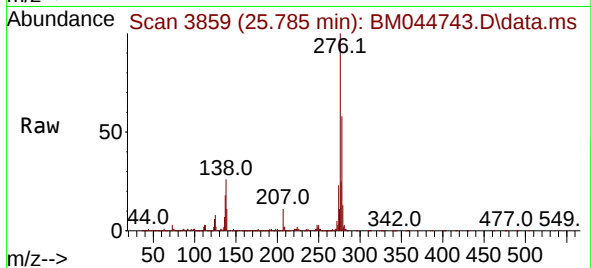
Tgt Ion:276 Resp: 2438304

Ion Ratio Lower Upper

276 100

138 27.9 23.6 35.4

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 48.982 ng

RT: 22.856 min Scan# 3361

Delta R.T. -0.018 min

Lab File: BM044743.D

Acq: 22 Mar 2024 20:16

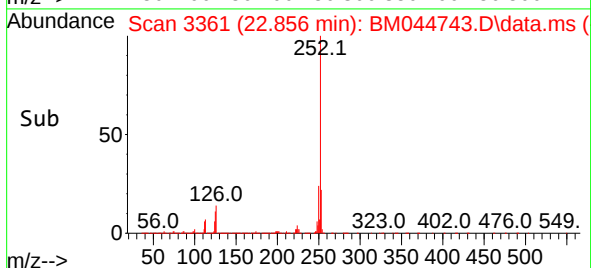
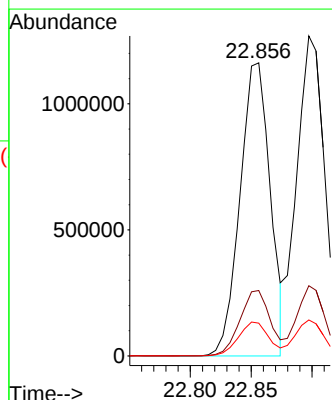
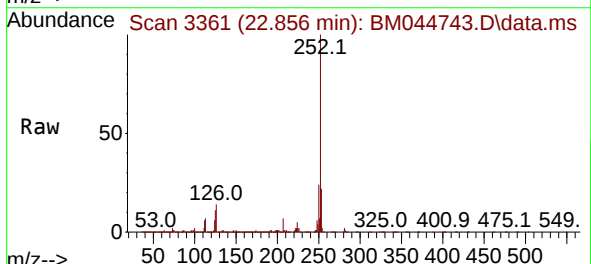
Tgt Ion:252 Resp: 2009650

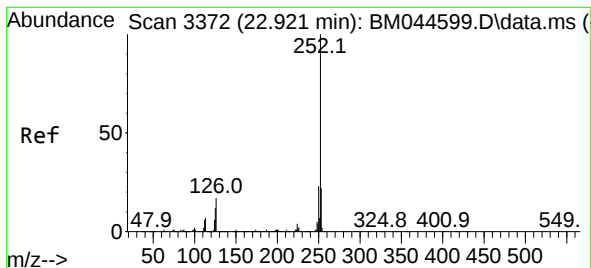
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

125 11.2 9.6 14.4





#89

Benzo(k)fluoranthene

Concen: 48.568 ng

RT: 22.897 min Scan# 31

Delta R.T. -0.024 min

Lab File: BM044743.D

Acq: 22 Mar 2024 20:16

Instrument :

BNA_M

ClientSampleId :

PB159737BS

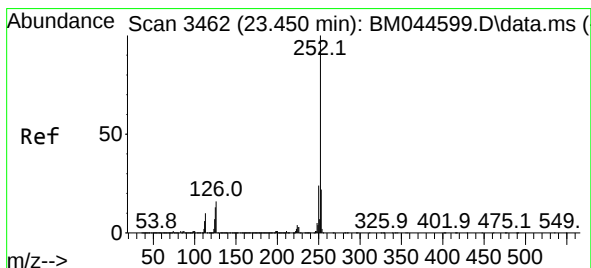
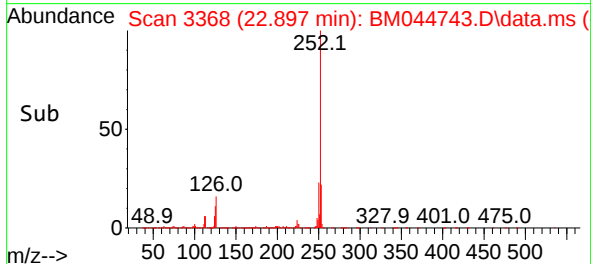
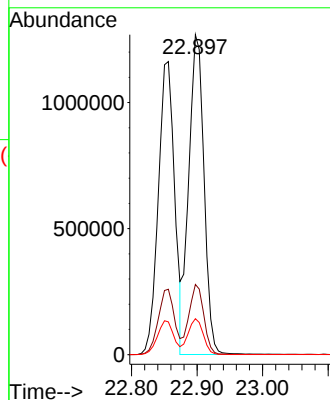
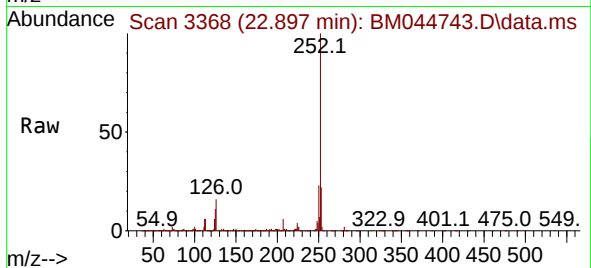
Tgt Ion:252 Resp: 2048485

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 11.3 9.4 14.0



#90

Benzo(a)pyrene

Concen: 47.702 ng

RT: 23.427 min Scan# 3458

Delta R.T. -0.024 min

Lab File: BM044743.D

Acq: 22 Mar 2024 20:16

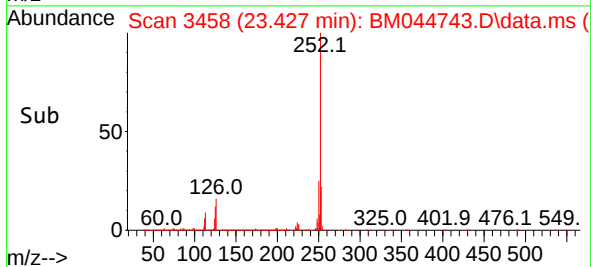
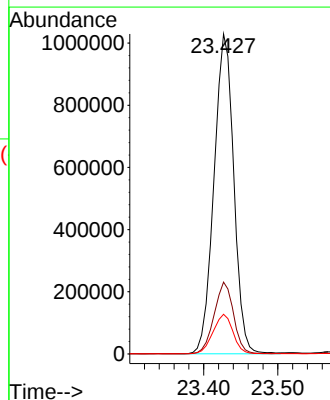
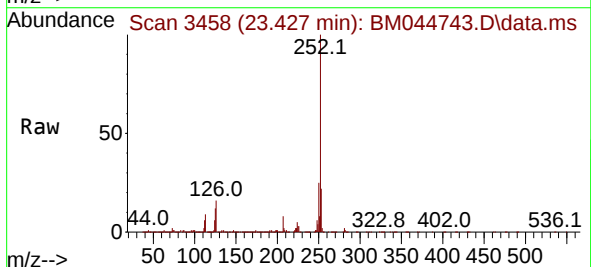
Tgt Ion:252 Resp: 1908901

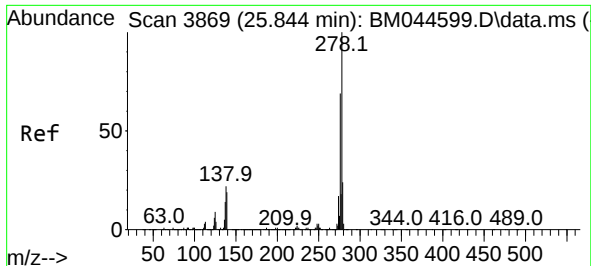
Ion Ratio Lower Upper

252 100

253 22.5 17.7 26.5

125 12.4 10.5 15.7

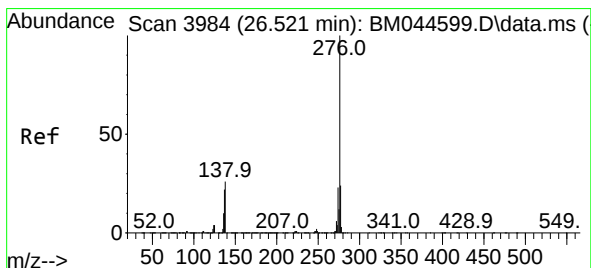
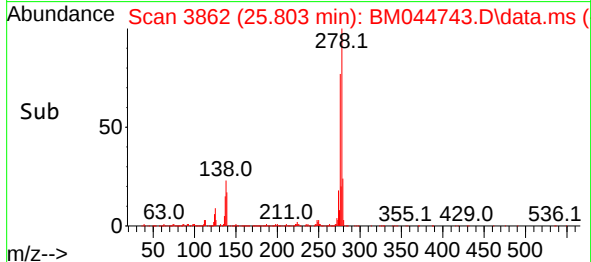
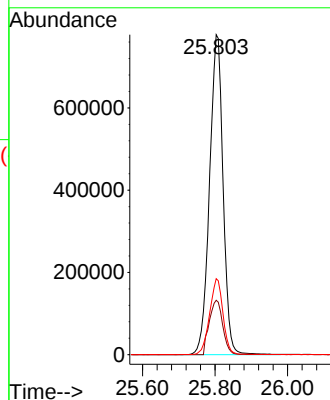
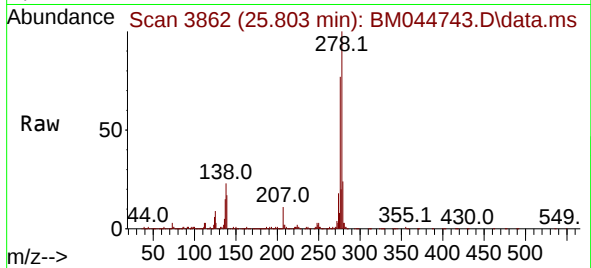




#91
Dibenzo(a,h)anthracene
Concen: 47.400 ng
RT: 25.803 min Scan# 31
Delta R.T. -0.041 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

Instrument :
BNA_M
ClientSampleId :
PB159737BS

Tgt Ion:278 Resp: 2016808
Ion Ratio Lower Upper
278 100
139 17.0 15.0 22.6
279 23.7 19.3 28.9



#92
Benzo(g,h,i)perylene
Concen: 45.279 ng
RT: 26.479 min Scan# 3977
Delta R.T. -0.041 min
Lab File: BM044743.D
Acq: 22 Mar 2024 20:16

Tgt Ion:276 Resp: 1896471
Ion Ratio Lower Upper
276 100
277 23.8 19.3 28.9
138 24.3 20.7 31.1

