

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032324\
 Data File : BM044733.D
 Acq On : 22 Mar 2024 14:07
 Operator : MA/JU
 Sample : PB159652BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB159652BS

Quant Time: Mar 22 15:03:48 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	197613	20.000	ng	-0.02
21) Naphthalene-d8	10.469	136	743856	20.000	ng	-0.02
39) Acenaphthene-d10	14.333	164	379651	20.000	ng	-0.02
64) Phenanthrene-d10	17.086	188	718200	20.000	ng	-0.02
76) Chrysene-d12	21.286	240	622754	20.000	ng	-0.02
86) Perylene-d12	23.527	264	678886	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	1275387	92.665	ng	0.00
7) Phenol-d6	6.875	99	1551967	87.648	ng	0.00
23) Nitrobenzene-d5	8.851	82	1392121	90.160	ng	-0.01
42) 2,4,6-Tribromophenol	15.833	330	410712	98.083	ng	-0.01
45) 2-Fluorobiphenyl	12.951	172	2598823	94.275	ng	-0.02
79) Terphenyl-d14	19.733	244	3304533	92.826	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.299	88	219599	37.959	ng	95
3) Pyridine	3.681	79	577266	36.083	ng	95
4) n-Nitrosodimethylamine	3.610	42	306305	47.775	ng	88
6) Aniline	7.034	93	561216	26.761	ng	98
8) 2-Chlorophenol	7.257	128	648184	47.282	ng	99
9) Benzaldehyde	6.851	77	174665	18.834	ng	98
10) Phenol	6.904	94	813064	45.978	ng	98
11) bis(2-Chloroethyl)ether	7.134	93	643987	44.602	ng	99
12) 1,3-Dichlorobenzene	7.575	146	698469	47.384	ng	97
13) 1,4-Dichlorobenzene	7.722	146	704783	47.440	ng	99
14) 1,2-Dichlorobenzene	8.034	146	673420	47.532	ng	98
15) Benzyl Alcohol	7.940	79	531800	45.683	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.222	45	899838	44.951	ng	99
17) 2-Methylphenol	8.134	107	518125	42.961	ng	98
18) Hexachloroethane	8.745	117	271849	49.497	ng	98
19) n-Nitroso-di-n-propyla...	8.498	70	429190	39.690	ng	95
20) 3+4-Methylphenols	8.463	107	694277	42.658	ng	98
22) Acetophenone	8.516	105	910207	46.576	ng	# 97
24) Nitrobenzene	8.892	77	697129	45.674	ng	99
25) Isophorone	9.416	82	1251787	46.988	ng	99
26) 2-Nitrophenol	9.592	139	324189	49.223	ng	97
27) 2,4-Dimethylphenol	9.657	122	554971	47.915	ng	100
28) bis(2-Chloroethoxy)met...	9.898	93	791281	44.728	ng	100
29) 2,4-Dichlorophenol	10.122	162	530103	48.021	ng	98
30) 1,2,4-Trichlorobenzene	10.328	180	559605	47.652	ng	99
31) Naphthalene	10.516	128	1840648	45.088	ng	100
32) Benzoic acid	9.810	122	348753	38.504	ng	99
33) 4-Chloroaniline	10.639	127	406199	23.718	ng	99
34) Hexachlorobutadiene	10.786	225	320115	48.889	ng	100
35) Caprolactam	11.451	113	94906	26.653	ng	95
36) 4-Chloro-3-methylphenol	11.769	107	541060	44.667	ng	99
37) 2-Methylnaphthalene	12.133	142	1186967	42.838	ng	98
38) 1-Methylnaphthalene	12.357	142	1100264	42.607	ng	98
40) 1,2,4,5-Tetrachloroben...	12.504	216	537568	49.896	ng	98
41) Hexachlorocyclopentadiene	12.475	237	804204	131.029	ng	100
43) 2,4,6-Trichlorophenol	12.757	196	371404	51.053	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032324\
 Data File : BM044733.D
 Acq On : 22 Mar 2024 14:07
 Operator : MA/JU
 Sample : PB159652BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB159652BS

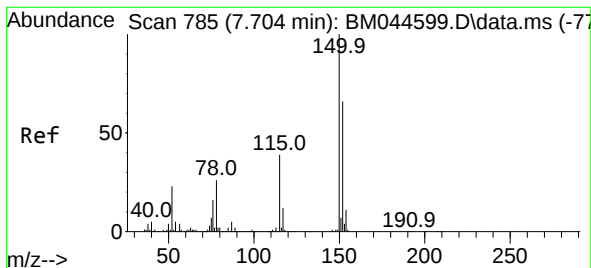
Quant Time: Mar 22 15:03:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 02:28:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.827	196	395647	45.899	ng	97
46) 1,1'-Biphenyl	13.163	154	1419246	47.797	ng	100
47) 2-Chloronaphthalene	13.204	162	1094752	49.859	ng	100
48) 2-Nitroaniline	13.422	65	365392	49.045	ng	98
49) Acenaphthylene	14.051	152	1720903	48.112	ng	99
50) Dimethylphthalate	13.810	163	1302056	45.852	ng	100
51) 2,6-Dinitrotoluene	13.927	165	278927	47.168	ng	97
52) Acenaphthene	14.398	154	1033203	47.784	ng	100
53) 3-Nitroaniline	14.263	138	225568	32.576	ng	100
54) 2,4-Dinitrophenol	14.469	184	340205	87.485	ng	97
55) Dibenzofuran	14.733	168	1588668	46.294	ng	99
56) 4-Nitrophenol	14.574	139	570741	100.360	ng	96
57) 2,4-Dinitrotoluene	14.721	165	379723	49.144	ng	91
58) Fluorene	15.386	166	1273786	47.665	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.963	232	325609	48.653	ng	100
60) Diethylphthalate	15.180	149	1317909	45.846	ng	99
61) 4-Chlorophenyl-phenyle...	15.386	204	607385	47.344	ng	99
62) 4-Nitroaniline	15.427	138	293076	42.371	ng	95
63) Azobenzene	15.680	77	1389991	46.778	ng	97
65) 4,6-Dinitro-2-methylph...	15.480	198	210139	46.656	ng	98
66) n-Nitrosodiphenylamine	15.610	169	1065024	47.581	ng	98
67) 4-Bromophenyl-phenylether	16.286	248	351824	47.360	ng	98
68) Hexachlorobenzene	16.380	284	402954	51.028	ng	99
69) Atrazine	16.574	200	362542	51.833	ng	98
70) Pentachlorophenol	16.739	266	536043	94.370	ng	99
71) Phenanthrene	17.133	178	1874095	47.219	ng	99
72) Anthracene	17.221	178	1877957	47.177	ng	99
73) Carbazole	17.504	167	1795127	47.882	ng	100
74) Di-n-butylphthalate	18.074	149	2296050	47.529	ng	99
75) Fluoranthene	19.156	202	2047893	46.158	ng	98
77) Benzidine	19.356	184	605318	37.609	ng	99
78) Pyrene	19.515	202	2165821	47.451	ng	100
80) Butylbenzylphthalate	20.439	149	992601	48.254	ng	97
81) Benzo(a)anthracene	21.274	228	2042769	47.143	ng	99
82) 3,3'-Dichlorobenzidine	21.215	252	580042	38.868	ng	98
83) Chrysene	21.327	228	1897426	45.825	ng	99
84) Bis(2-ethylhexyl)phtha...	21.221	149	1496212	48.280	ng	100
85) Di-n-octyl phthalate	22.109	149	2571926	47.845	ng	99
87) Indeno(1,2,3-cd)pyrene	25.797	276	2419333	49.296	ng	99
88) Benzo(b)fluoranthene	22.856	252	2080336	52.144	ng	99
89) Benzo(k)fluoranthene	22.903	252	2035180	49.621	ng	100
90) Benzo(a)pyrene	23.433	252	1817278	46.701	ng	99
91) Dibenzo(a,h)anthracene	25.815	278	2050256	49.554	ng	98
92) Benzo(g,h,i)perylene	26.485	276	1977704	48.558	ng	98

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

Quant Time: Mar 22 15:03:48 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.687 min Scan# 71

Delta R.T. -0.017 min

Lab File: BM044733.D

Acq: 22 Mar 2024 14:07

Instrument :

BNA_M

ClientSampleId :

PB159652BS

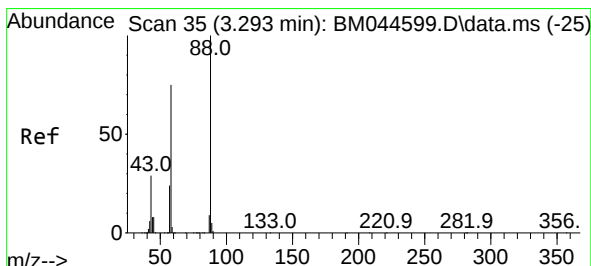
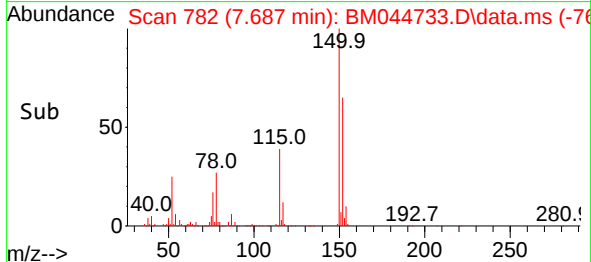
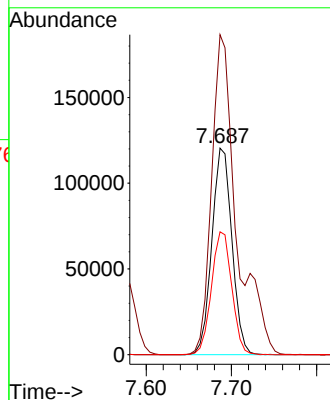
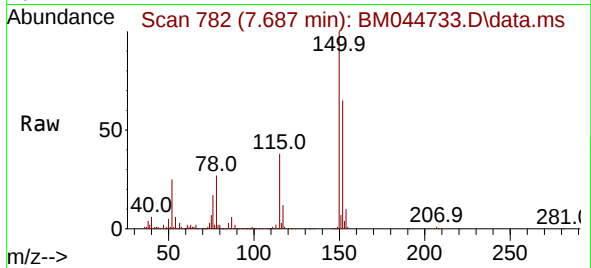
Tgt Ion:152 Resp: 197613

Ion Ratio Lower Upper

152 100

150 154.9 121.9 182.9

115 59.5 47.1 70.7



#2

1,4-Dioxane

Concen: 37.959 ng

RT: 3.299 min Scan# 36

Delta R.T. 0.006 min

Lab File: BM044733.D

Acq: 22 Mar 2024 14:07

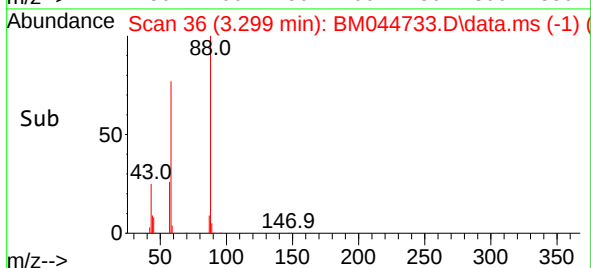
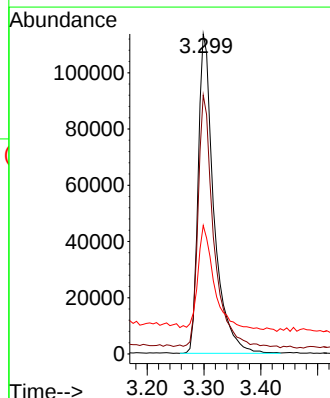
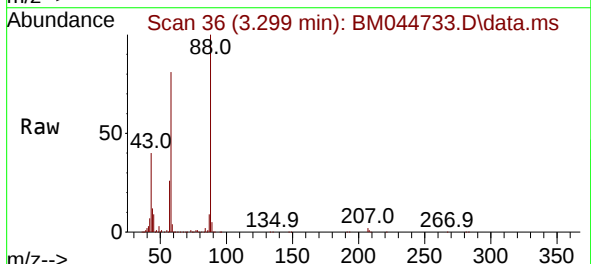
Tgt Ion: 88 Resp: 219599

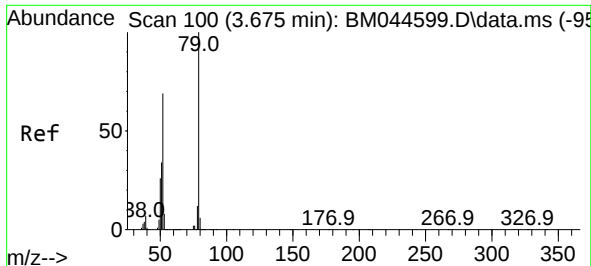
Ion Ratio Lower Upper

88 100

58 79.2 60.2 90.2

43 33.2 23.5 35.3

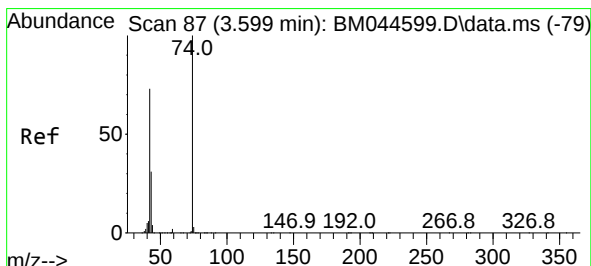
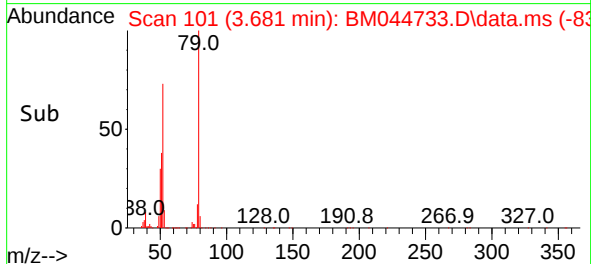
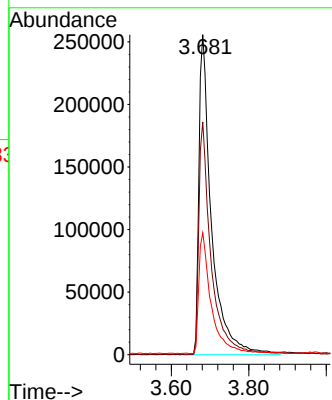
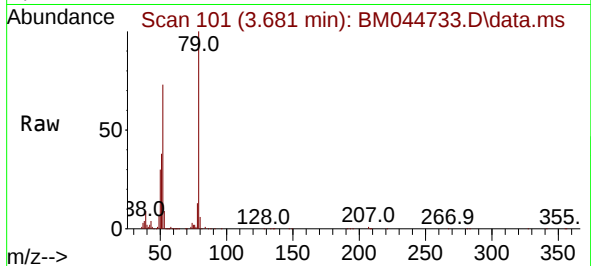




#3
 Pyridine
 Concen: 36.083 ng
 RT: 3.681 min Scan# 100
 Delta R.T. 0.006 min
 Lab File: BM044733.D
 Acq: 22 Mar 2024 14:07

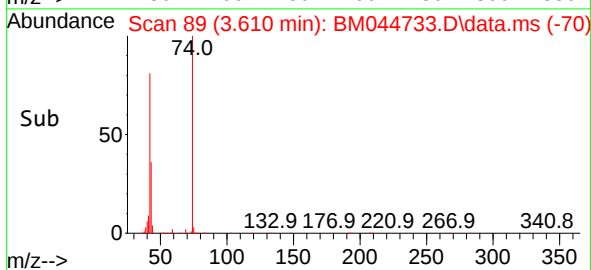
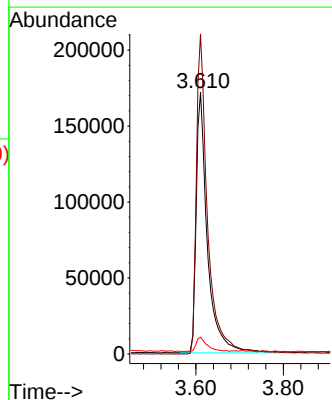
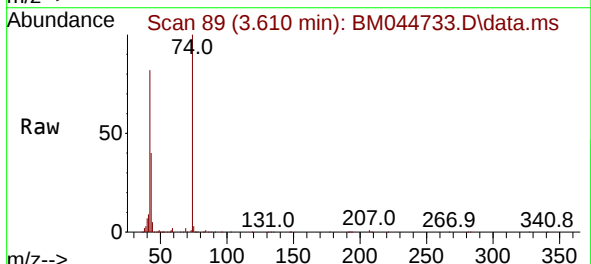
Instrument :
 BNA_M
 ClientSampleId :
 PB159652BS

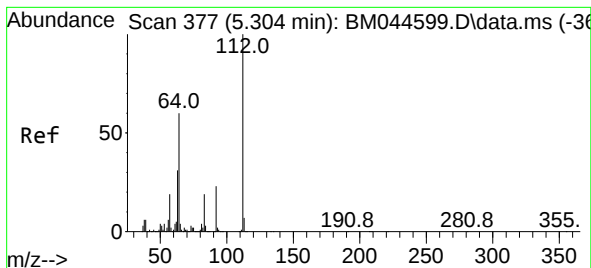
Tgt Ion: 79 Resp: 577266
 Ion Ratio Lower Upper
 79 100
 52 72.7 55.5 83.3
 51 38.1 27.7 41.5



#4
 n-Nitrosodimethylamine
 Concen: 47.775 ng
 RT: 3.610 min Scan# 89
 Delta R.T. 0.012 min
 Lab File: BM044733.D
 Acq: 22 Mar 2024 14:07

Tgt Ion: 42 Resp: 306305
 Ion Ratio Lower Upper
 42 100
 74 122.3 109.7 164.5
 44 6.4 5.4 8.0

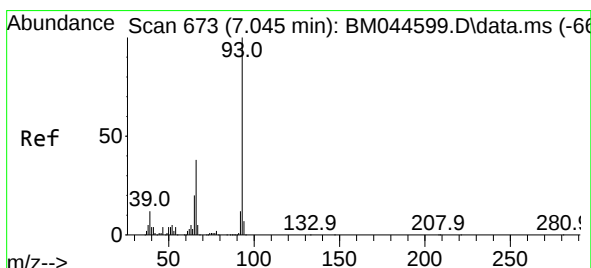
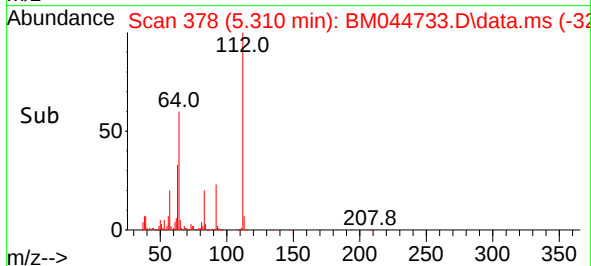
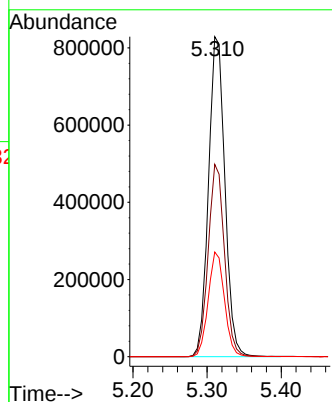
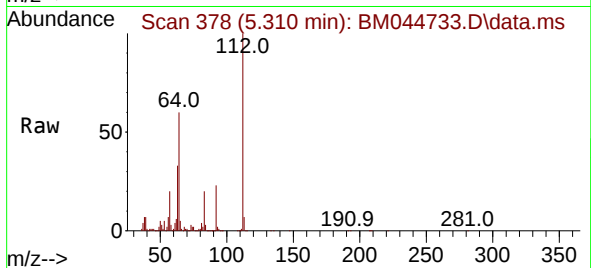




#5
2-Fluorophenol
Concen: 92.665 ng
RT: 5.310 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM044733.D
Acq: 22 Mar 2024 14:07

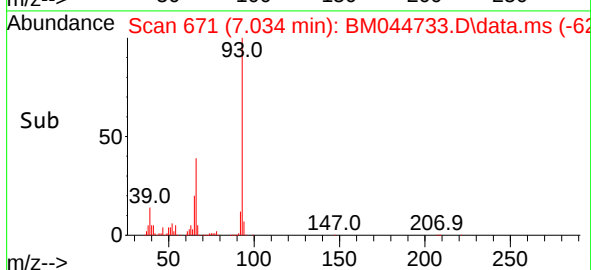
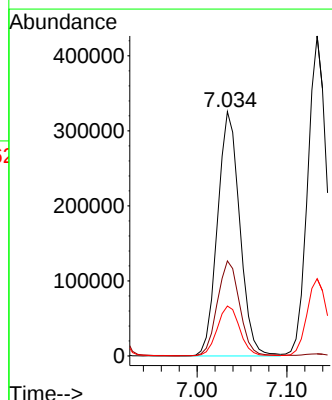
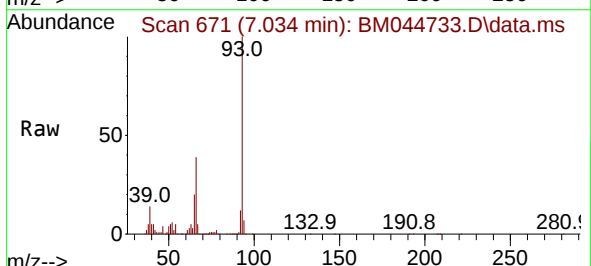
Instrument :
BNA_M
ClientSampleId :
PB159652BS

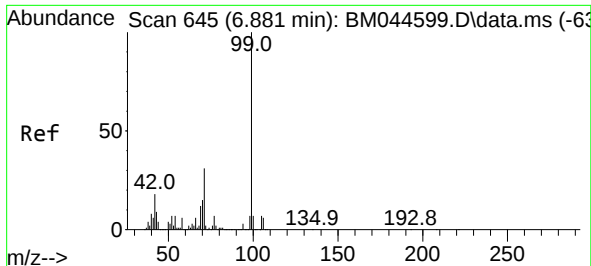
Tgt Ion:112 Resp: 1275387
Ion Ratio Lower Upper
112 100
64 60.1 47.9 71.9
63 32.7 25.0 37.4



#6
Aniline
Concen: 26.761 ng
RT: 7.034 min Scan# 671
Delta R.T. -0.012 min
Lab File: BM044733.D
Acq: 22 Mar 2024 14:07

Tgt Ion: 93 Resp: 561216
Ion Ratio Lower Upper
93 100
66 38.9 30.3 45.5
65 20.4 15.7 23.5

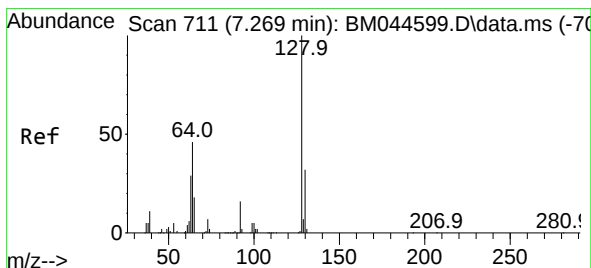
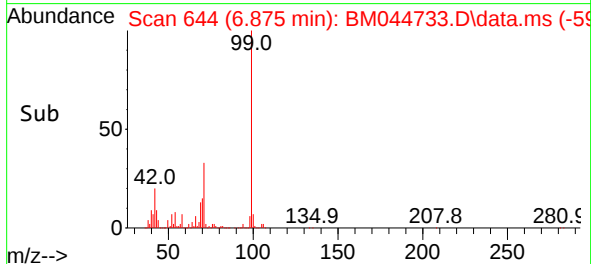
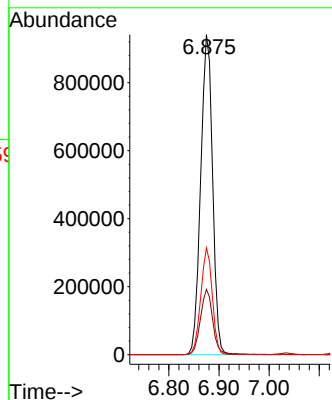
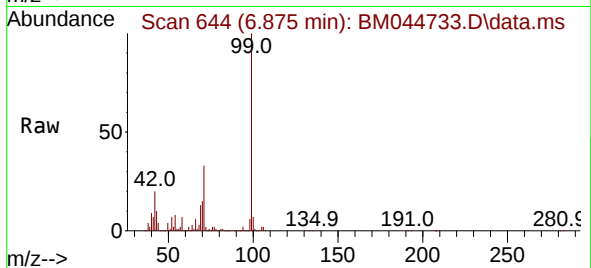




#7
Phenol-d6
Concen: 87.648 ng
RT: 6.875 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM044733.D
Acq: 22 Mar 2024 14:07

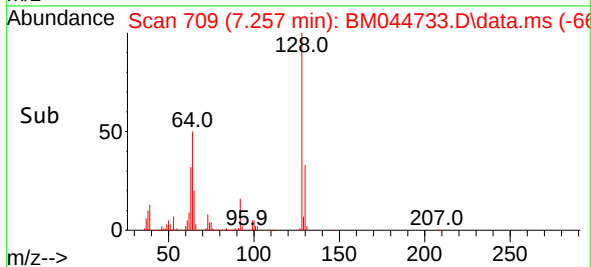
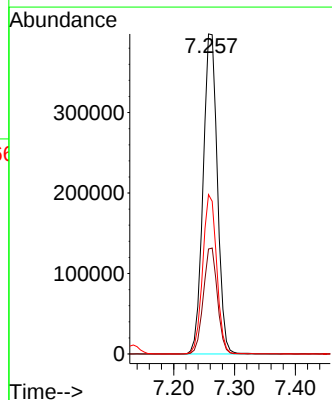
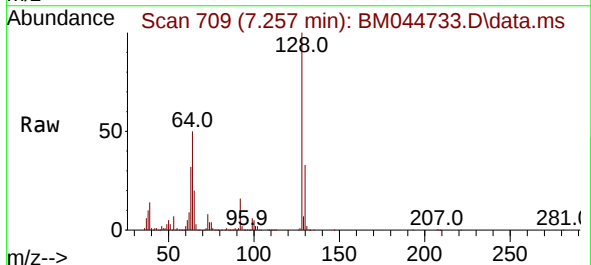
Instrument :
BNA_M
ClientSampleId :
PB159652BS

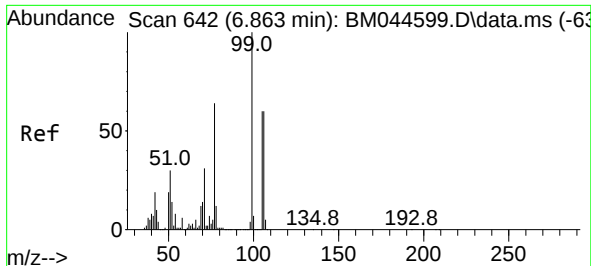
Tgt Ion: 99 Resp: 1551967
Ion Ratio Lower Upper
99 100
42 20.4 14.3 21.5
71 33.4 24.5 36.7



#8
2-Chlorophenol
Concen: 47.282 ng
RT: 7.257 min Scan# 709
Delta R.T. -0.012 min
Lab File: BM044733.D
Acq: 22 Mar 2024 14:07

Tgt Ion:128 Resp: 648184
Ion Ratio Lower Upper
128 100
130 32.8 12.4 52.4
64 49.8 29.4 69.4

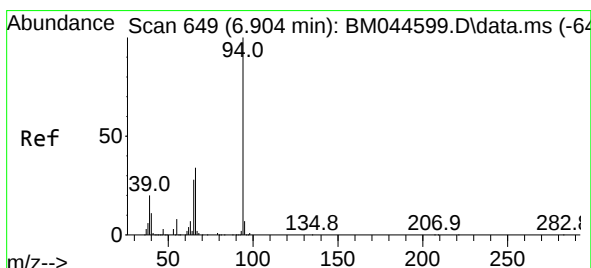
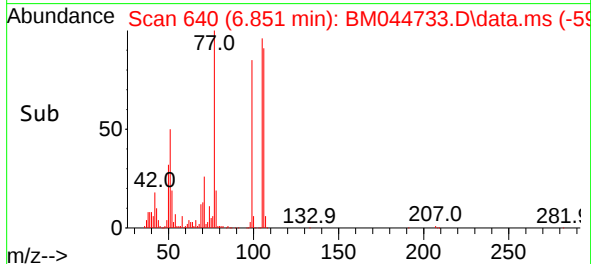
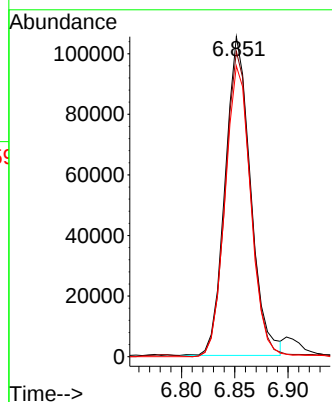
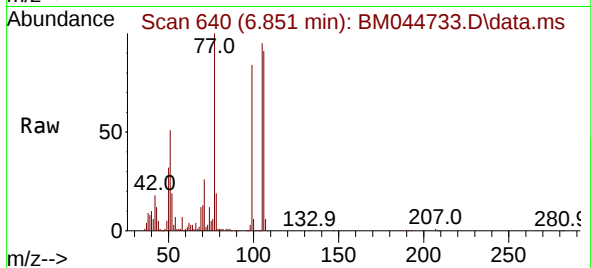




#9
Benzaldehyde
Concen: 18.834 ng
RT: 6.851 min Scan# 642
Delta R.T. -0.012 min
Lab File: BM044733.D
Acq: 22 Mar 2024 14:07

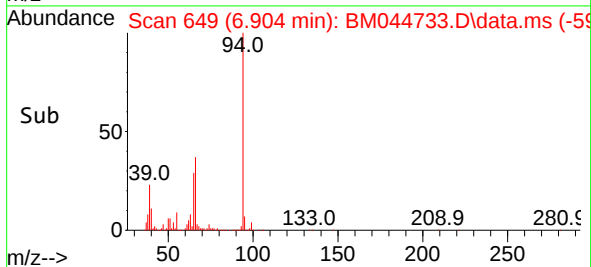
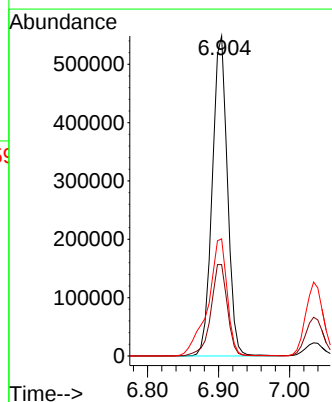
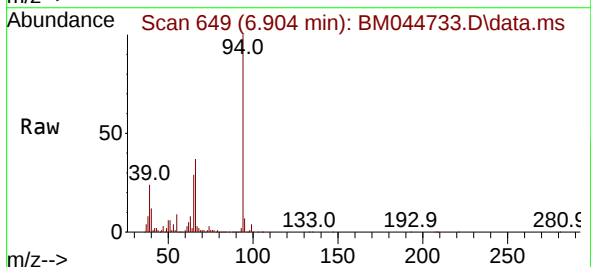
Instrument :
BNA_M
ClientSampleId :
PB159652BS

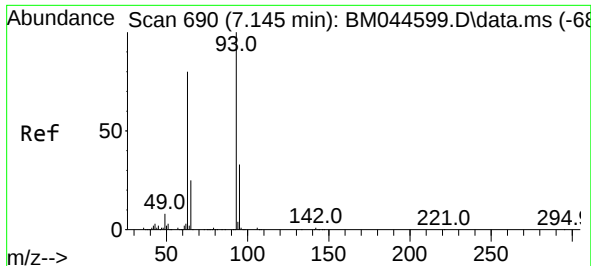
Tgt Ion: 77 Resp: 174665
Ion Ratio Lower Upper
77 100
105 95.4 74.4 114.4
106 90.9 74.1 114.1



#10
Phenol
Concen: 45.978 ng
RT: 6.904 min Scan# 649
Delta R.T. 0.000 min
Lab File: BM044733.D
Acq: 22 Mar 2024 14:07

Tgt Ion: 94 Resp: 813064
Ion Ratio Lower Upper
94 100
65 28.5 7.9 47.9
66 36.6 14.7 54.7





#11
bis(2-Chloroethyl)ether
Concen: 44.602 ng
RT: 7.134 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM044733.D
Acq: 22 Mar 2024 14:07

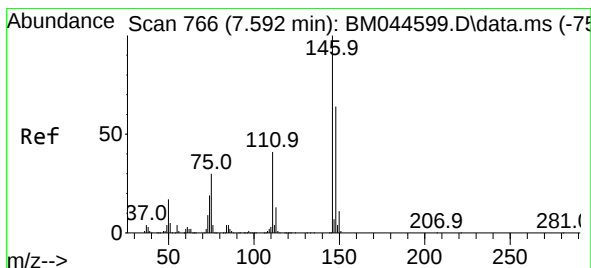
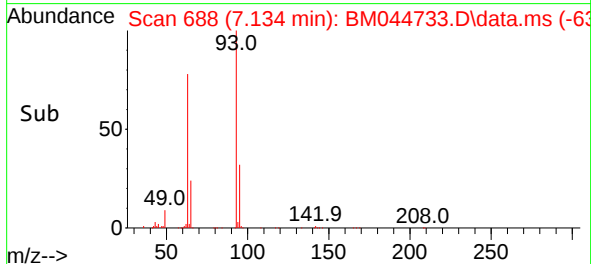
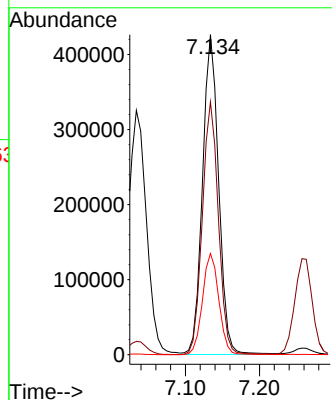
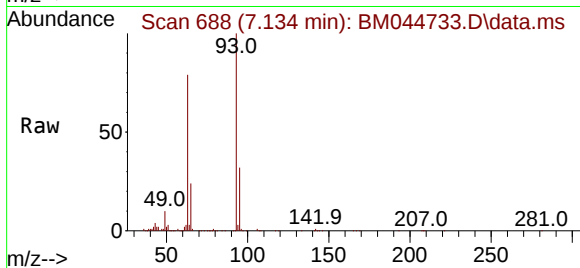
Instrument :

BNA_M

ClientSampleId :

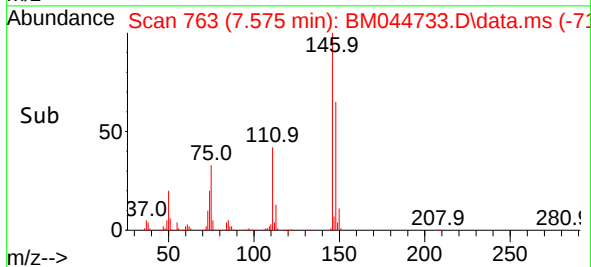
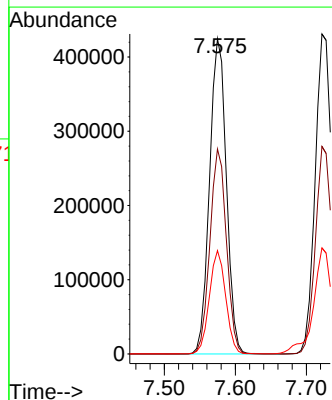
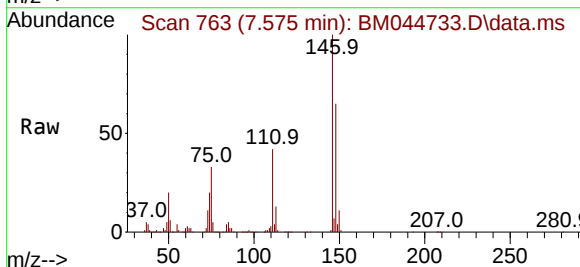
PB159652BS

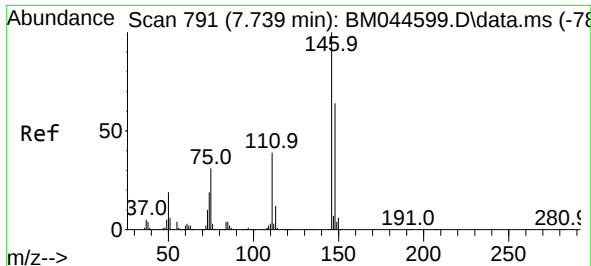
Tgt Ion: 93 Resp: 643987
Ion Ratio Lower Upper
93 100
63 79.0 59.8 99.8
95 31.7 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 47.384 ng
RT: 7.575 min Scan# 763
Delta R.T. -0.018 min
Lab File: BM044733.D
Acq: 22 Mar 2024 14:07

Tgt Ion: 146 Resp: 698469
Ion Ratio Lower Upper
146 100
148 65.0 50.9 76.3
75 32.8 24.1 36.1

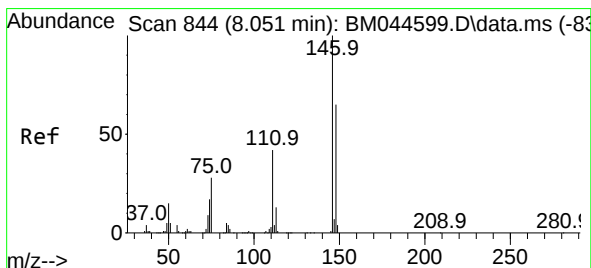
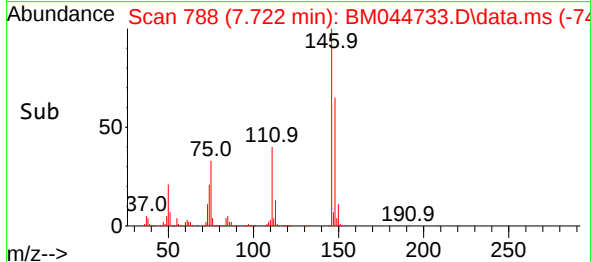
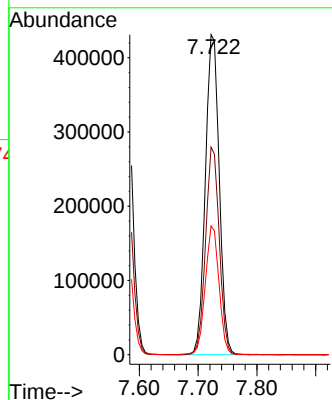
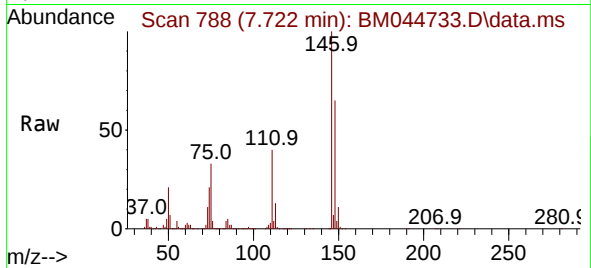




#13
1,4-Dichlorobenzene
Concen: 47.440 ng
RT: 7.722 min Scan# 70
Delta R.T. -0.018 min
Lab File: BM044733.D
Acq: 22 Mar 2024 14:07

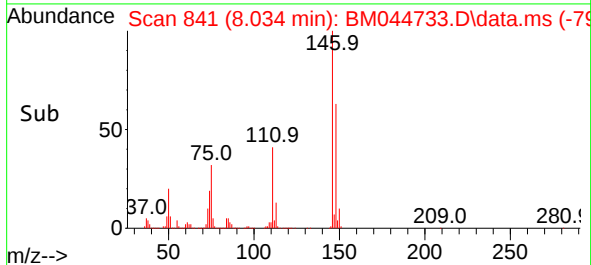
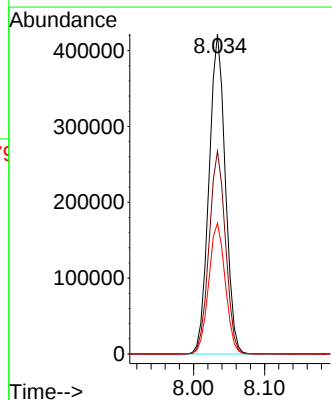
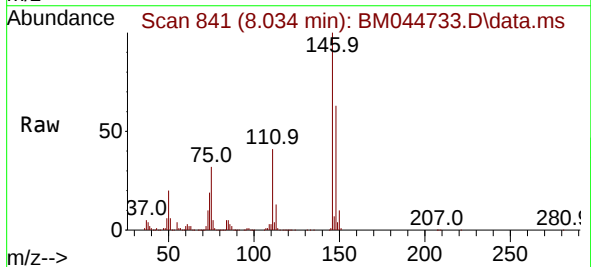
Instrument :
BNA_M
ClientSampleId :
PB159652BS

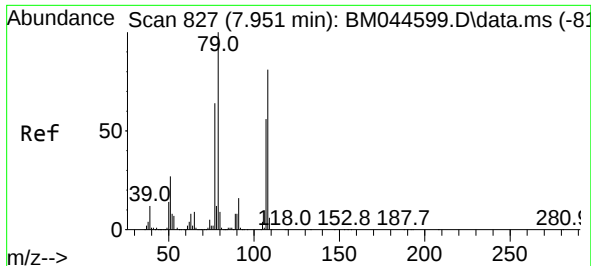
Tgt Ion:146 Resp: 704783
Ion Ratio Lower Upper
146 100
148 64.8 51.5 77.3
111 40.3 31.4 47.2



#14
1,2-Dichlorobenzene
Concen: 47.532 ng
RT: 8.034 min Scan# 841
Delta R.T. -0.018 min
Lab File: BM044733.D
Acq: 22 Mar 2024 14:07

Tgt Ion:146 Resp: 673420
Ion Ratio Lower Upper
146 100
148 63.4 51.8 77.8
111 40.9 33.4 50.2

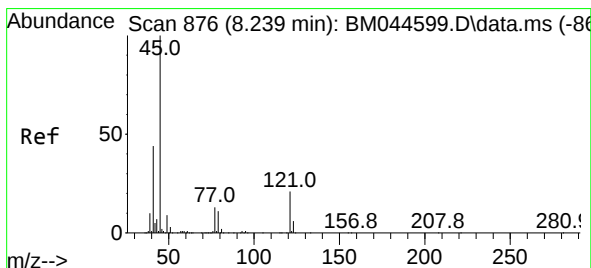
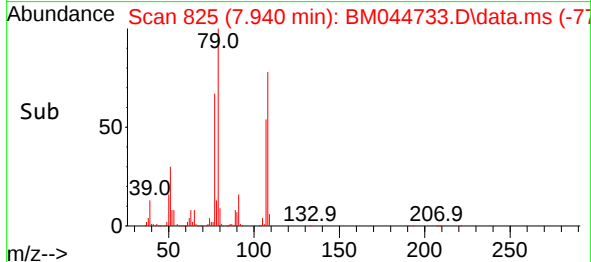
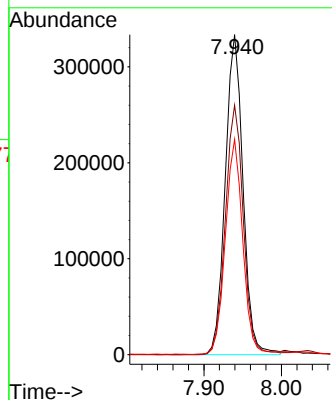
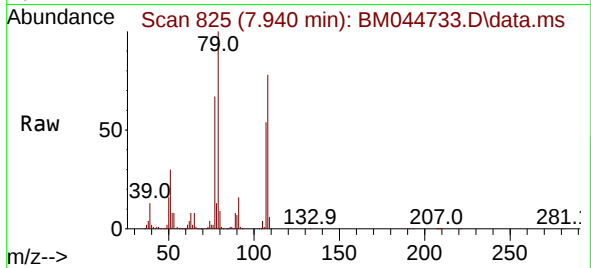




#15
Benzyl Alcohol
Concen: 45.683 ng
RT: 7.940 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM044733.D
Acq: 22 Mar 2024 14:07

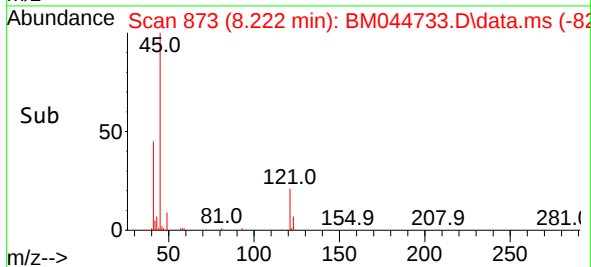
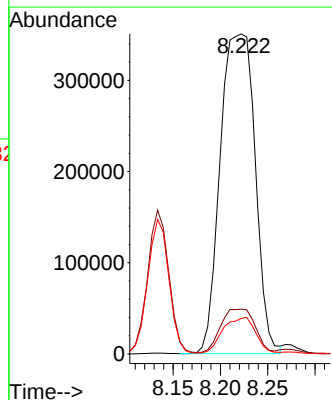
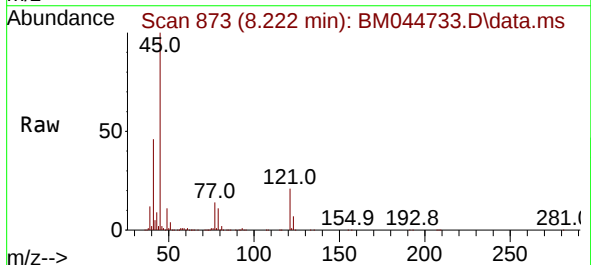
Instrument :
BNA_M
ClientSampleId :
PB159652BS

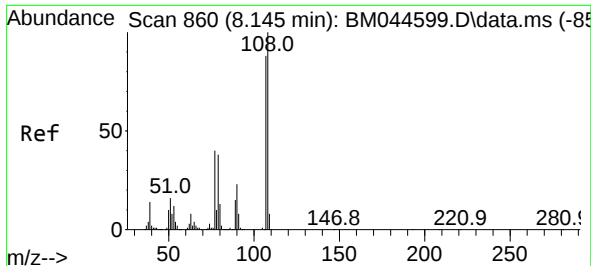
Tgt Ion: 79 Resp: 531800
Ion Ratio Lower Upper
79 100
108 78.0 65.0 97.6
77 67.2 51.7 77.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.951 ng
RT: 8.222 min Scan# 873
Delta R.T. -0.018 min
Lab File: BM044733.D
Acq: 22 Mar 2024 14:07

Tgt Ion: 45 Resp: 899838
Ion Ratio Lower Upper
45 100
77 14.0 0.0 33.7
79 11.1 0.0 31.2

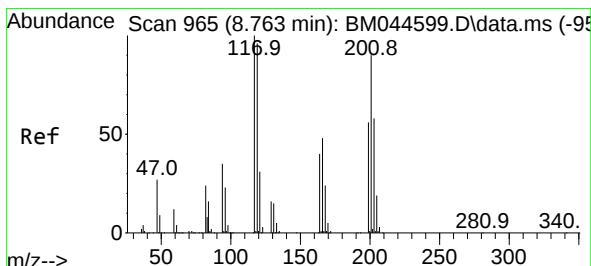
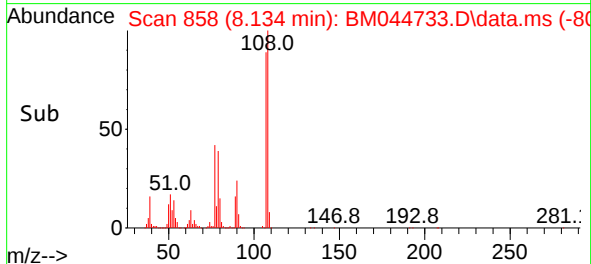
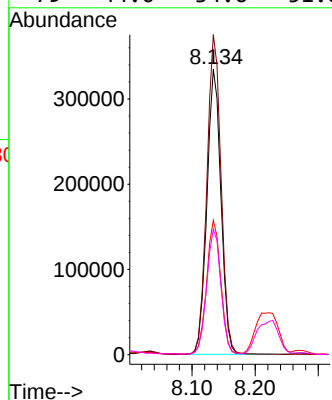
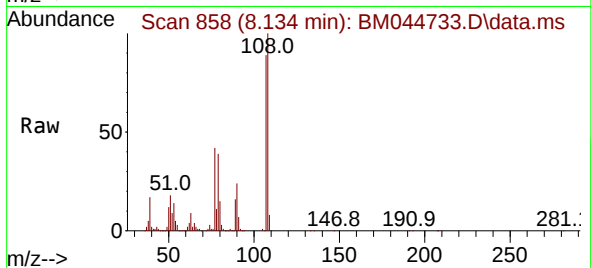




#17
2-Methylphenol
Concen: 42.961 ng
RT: 8.134 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM044733.D
Acq: 22 Mar 2024 14:07

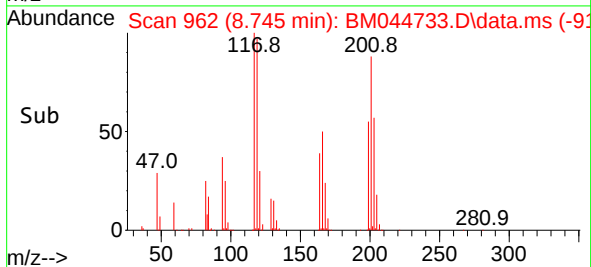
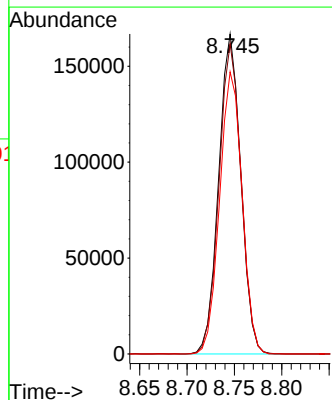
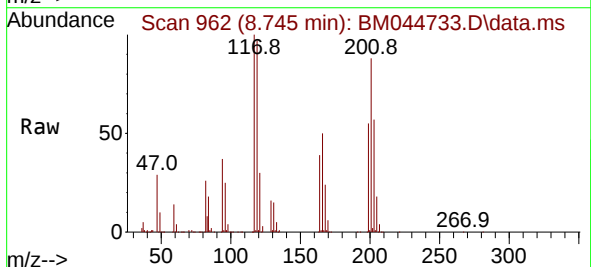
Instrument :
BNA_M
ClientSampleId :
PB159652BS

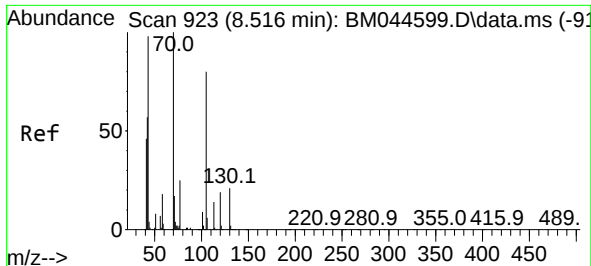
Tgt Ion:107 Resp: 518125
Ion Ratio Lower Upper
107 100
108 112.1 90.7 136.1
77 47.1 36.2 54.2
79 44.0 34.6 51.8



#18
Hexachloroethane
Concen: 49.497 ng
RT: 8.745 min Scan# 962
Delta R.T. -0.018 min
Lab File: BM044733.D
Acq: 22 Mar 2024 14:07

Tgt Ion:117 Resp: 271849
Ion Ratio Lower Upper
117 100
119 96.9 76.8 115.2
201 88.1 72.3 108.5

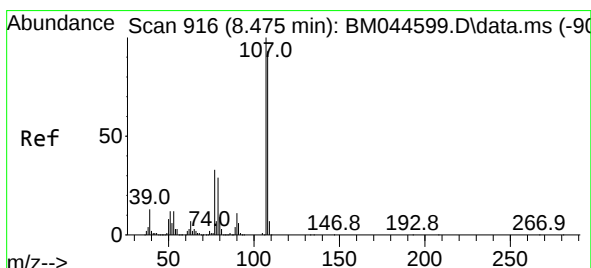
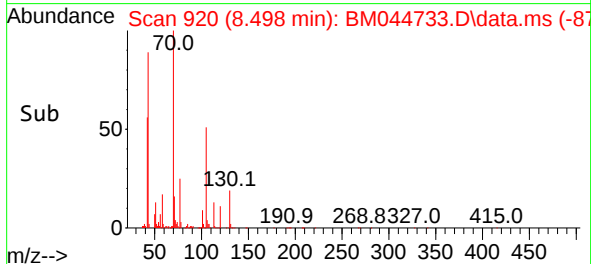
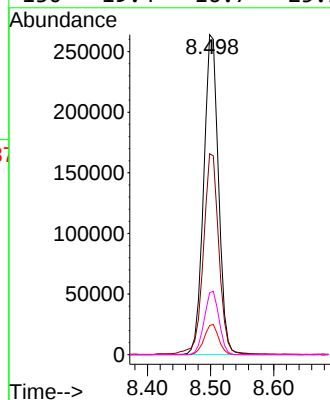
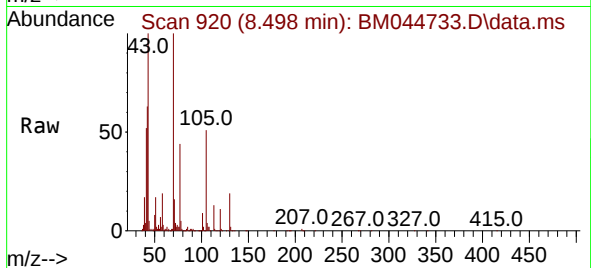




#19
n-Nitroso-di-n-propylamine
Concen: 39.690 ng
RT: 8.498 min Scan# 914
Delta R.T. -0.018 min
Lab File: BM044733.D
Acq: 22 Mar 2024 14:07

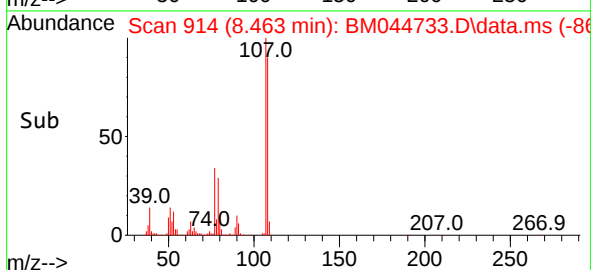
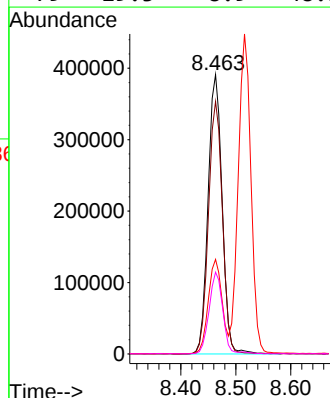
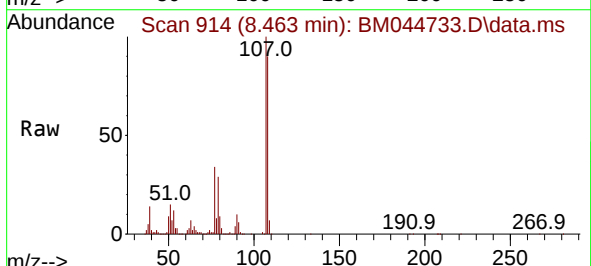
Instrument :
BNA_M
ClientSampleId :
PB159652BS

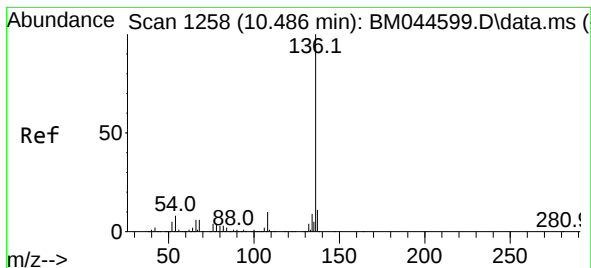
Tgt Ion: 70 Resp: 429190
Ion Ratio Lower Upper
70 100
42 62.8 46.6 69.8
101 9.1 7.6 11.4
130 19.4 16.7 25.1



#20
3+4-Methylphenols
Concen: 42.658 ng
RT: 8.463 min Scan# 914
Delta R.T. -0.012 min
Lab File: BM044733.D
Acq: 22 Mar 2024 14:07

Tgt Ion: 107 Resp: 694277
Ion Ratio Lower Upper
107 100
108 90.4 72.7 112.7
77 33.9 13.3 53.3
79 29.3 8.9 48.9

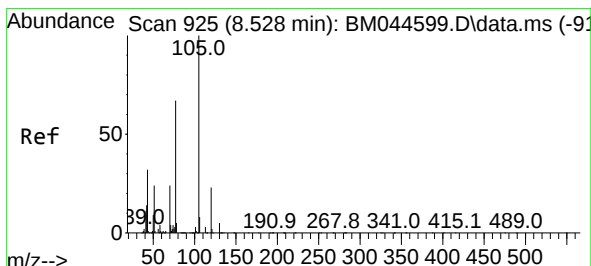
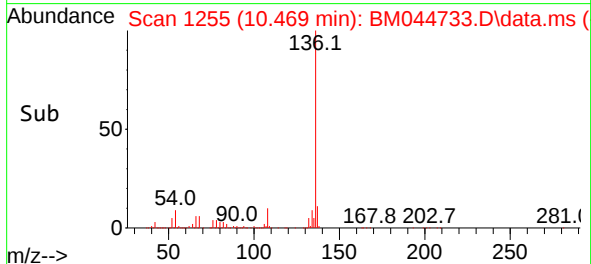
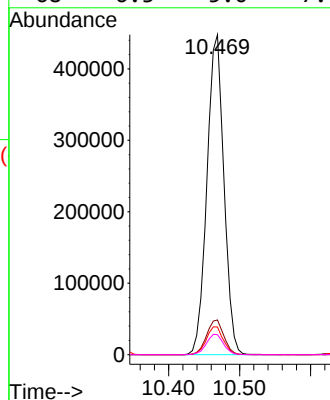
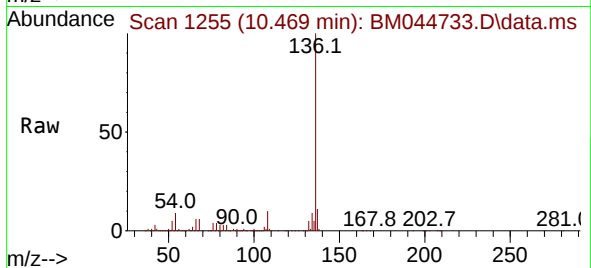




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.469 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM044733.D
Acq: 22 Mar 2024 14:07

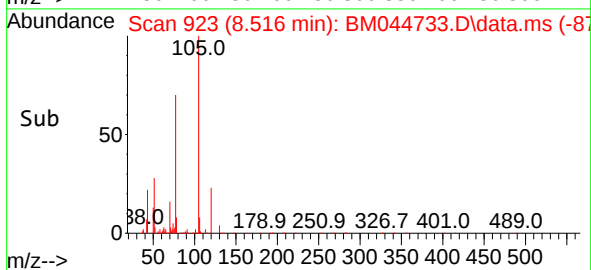
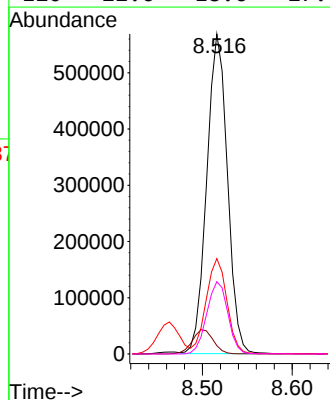
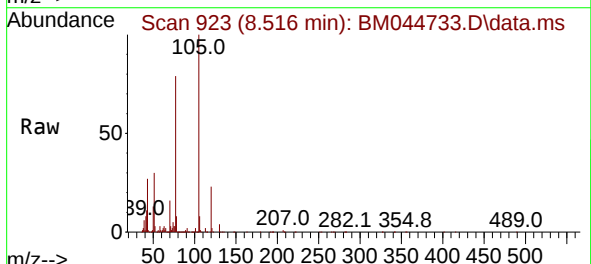
Instrument :
BNA_M
ClientSampleId :
PB159652BS

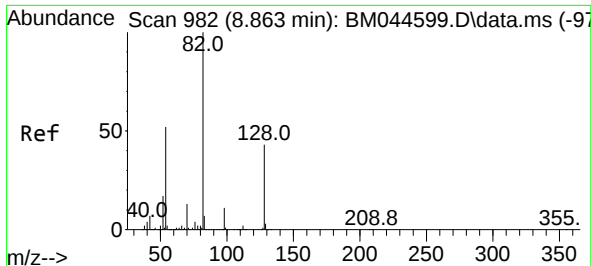
Tgt Ion:136 Resp: 743856
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.6 6.6 10.0
68 6.3 5.0 7.4



#22
Acetophenone
Concen: 46.576 ng
RT: 8.516 min Scan# 923
Delta R.T. -0.012 min
Lab File: BM044733.D
Acq: 22 Mar 2024 14:07

Tgt Ion:105 Resp: 910207
Ion Ratio Lower Upper
105 100
71 2.6 3.4 5.2#
51 29.8 22.2 33.4
120 22.6 18.6 27.8

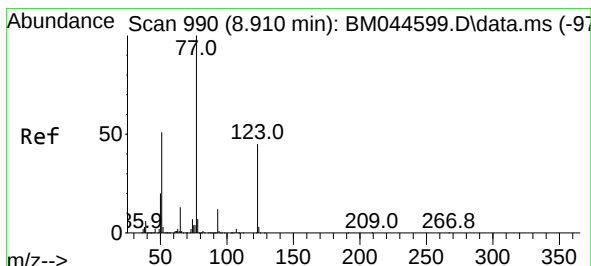
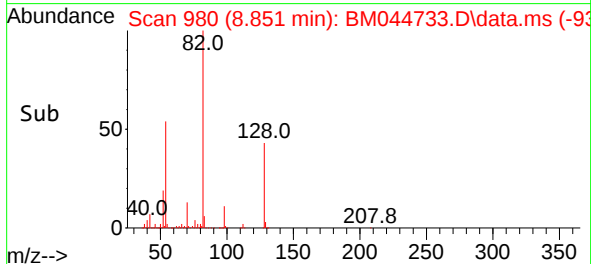
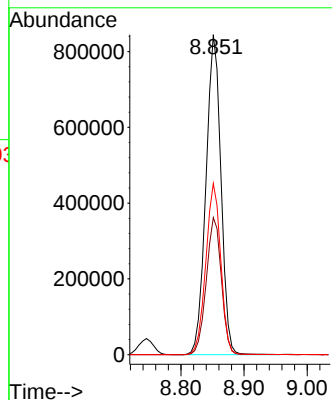
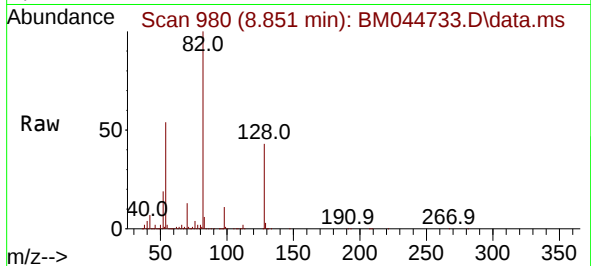




#23
Nitrobenzene-d5
Concen: 90.160 ng
RT: 8.851 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM044733.D
Acq: 22 Mar 2024 14:07

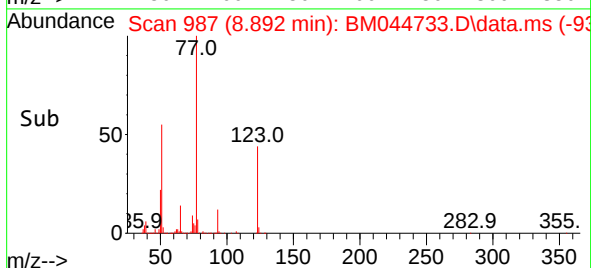
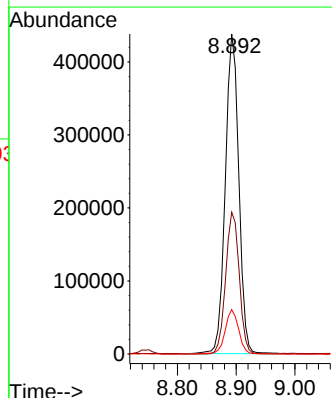
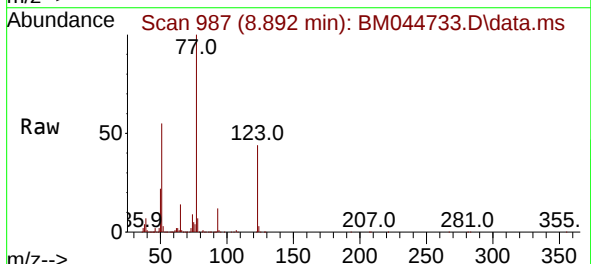
Instrument :
BNA_M
ClientSampleId :
PB159652BS

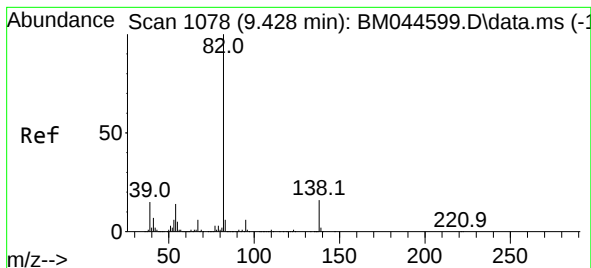
Tgt Ion: 82 Resp: 1392121
Ion Ratio Lower Upper
82 100
128 42.9 34.2 51.4
54 53.5 41.3 61.9



#24
Nitrobenzene
Concen: 45.674 ng
RT: 8.892 min Scan# 987
Delta R.T. -0.018 min
Lab File: BM044733.D
Acq: 22 Mar 2024 14:07

Tgt Ion: 77 Resp: 697129
Ion Ratio Lower Upper
77 100
123 44.3 35.9 53.9
65 13.8 10.7 16.1





#25

Isophorone

Concen: 46.988 ng

RT: 9.416 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM044733.D

Acq: 22 Mar 2024 14:07

Instrument :

BNA_M

ClientSampleId :

PB159652BS

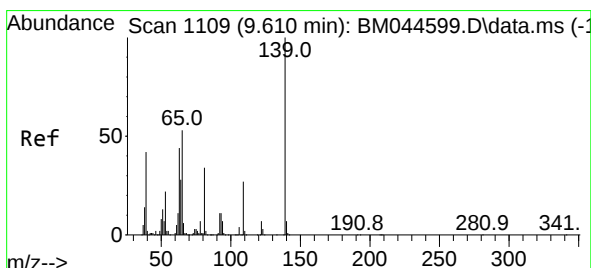
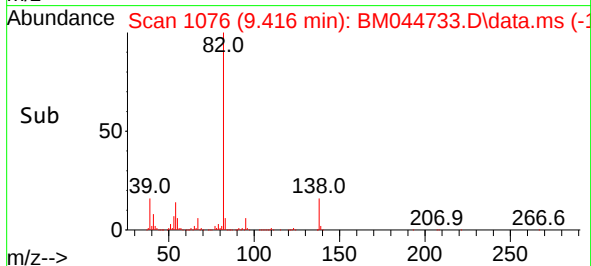
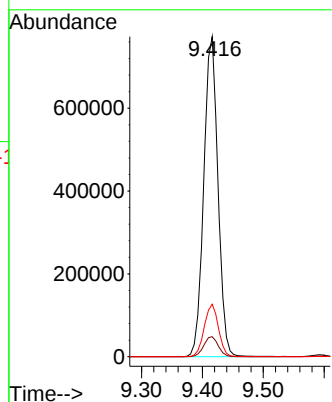
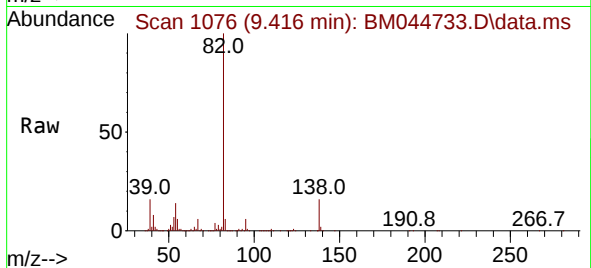
Tgt Ion: 82 Resp: 1251787

Ion Ratio Lower Upper

82 100

95 6.3 4.9 7.3

138 16.4 12.9 19.3



#26

2-Nitrophenol

Concen: 49.223 ng

RT: 9.592 min Scan# 1106

Delta R.T. -0.018 min

Lab File: BM044733.D

Acq: 22 Mar 2024 14:07

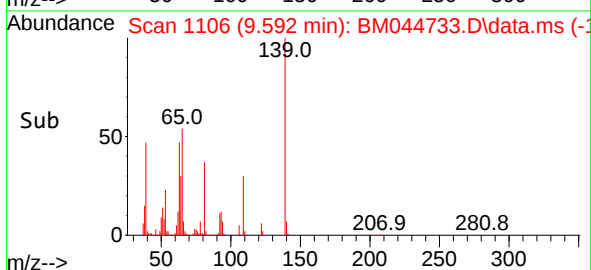
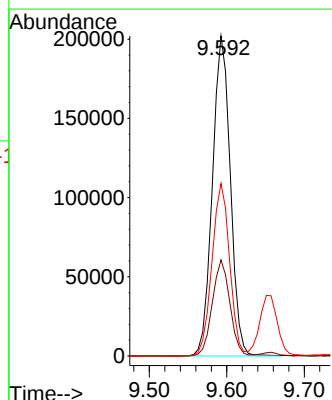
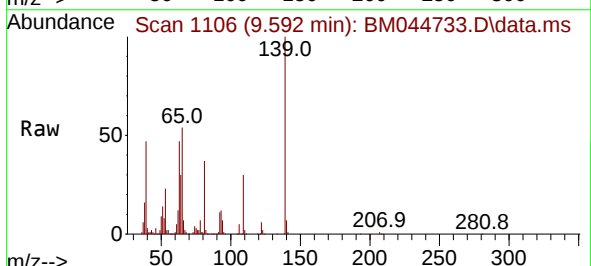
Tgt Ion:139 Resp: 324189

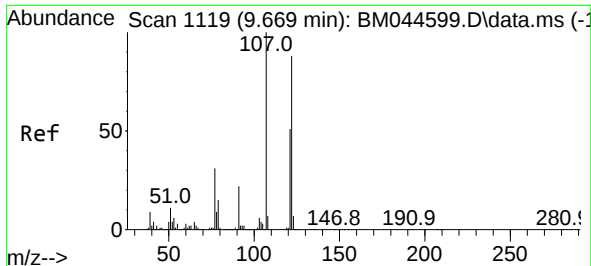
Ion Ratio Lower Upper

139 100

109 30.0 21.2 31.8

65 53.9 42.4 63.6

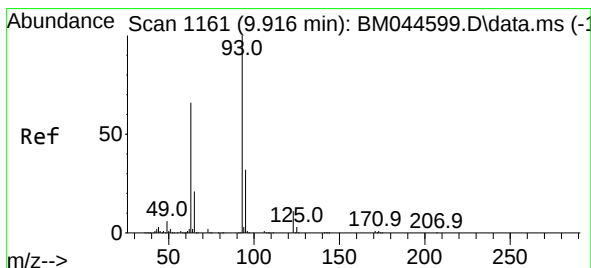
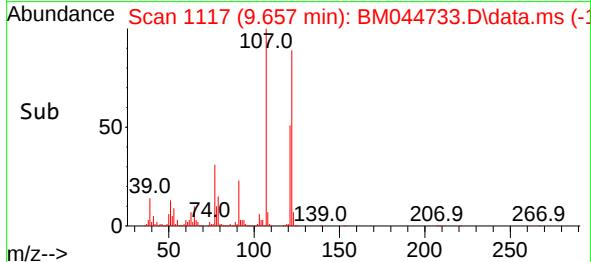
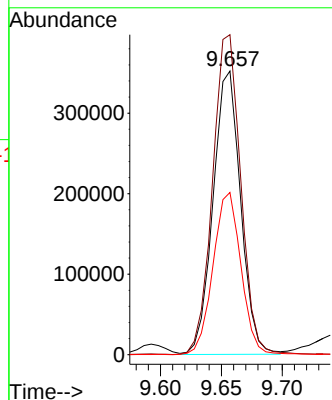
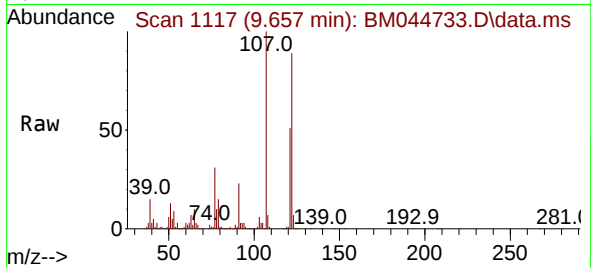




#27
2,4-Dimethylphenol
Concen: 47.915 ng
RT: 9.657 min Scan# 1117
Delta R.T. -0.012 min
Lab File: BM044733.D
Acq: 22 Mar 2024 14:07

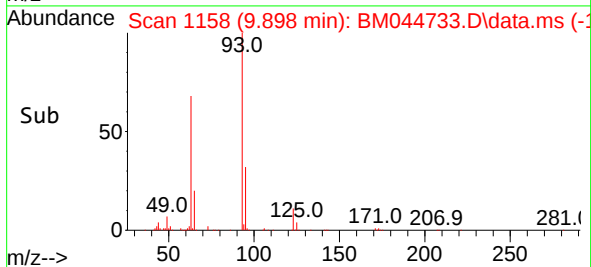
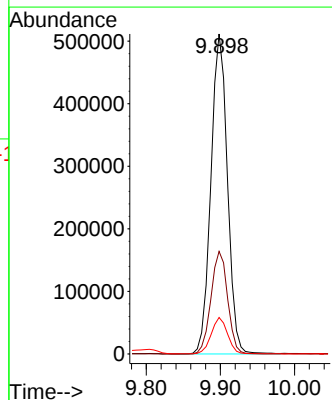
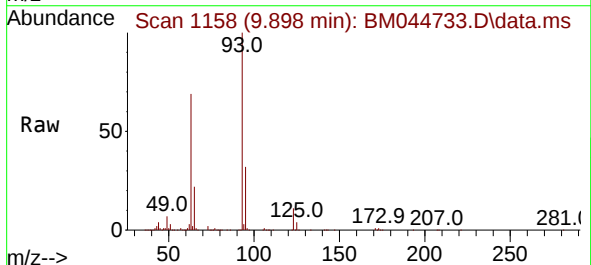
Instrument :
BNA_M
ClientSampleId :
PB159652BS

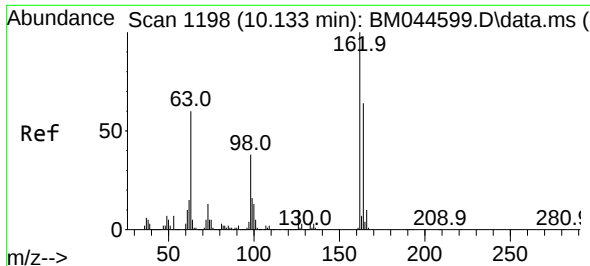
Tgt Ion:122 Resp: 554971
Ion Ratio Lower Upper
122 100
107 112.8 90.5 135.7
121 57.2 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 44.728 ng
RT: 9.898 min Scan# 1158
Delta R.T. -0.018 min
Lab File: BM044733.D
Acq: 22 Mar 2024 14:07

Tgt Ion: 93 Resp: 791281
Ion Ratio Lower Upper
93 100
95 32.0 25.8 38.6
123 11.4 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 48.021 ng

RT: 10.122 min Scan# 1196

Delta R.T. -0.012 min

Lab File: BM044733.D

Acq: 22 Mar 2024 14:07

Instrument :

BNA_M

ClientSampleId :

PB159652BS

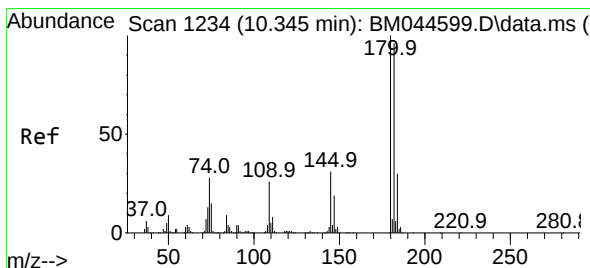
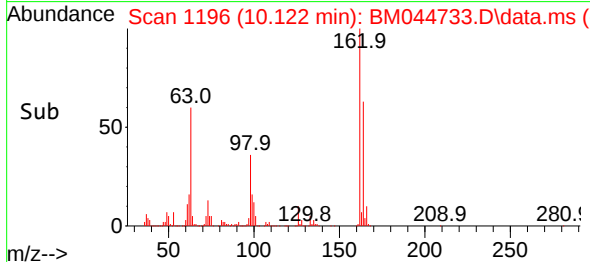
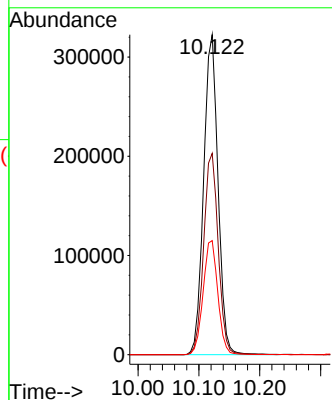
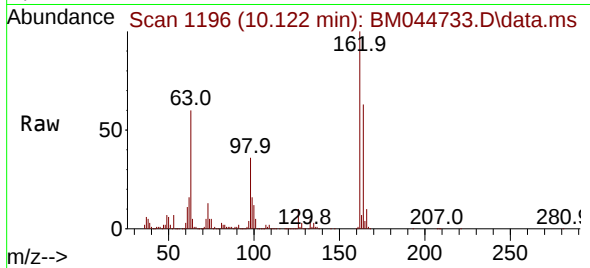
Tgt Ion:162 Resp: 530103

Ion Ratio Lower Upper

162 100

164 62.9 44.1 84.1

98 35.7 18.0 58.0



#30

1,2,4-Trichlorobenzene

Concen: 47.652 ng

RT: 10.328 min Scan# 1231

Delta R.T. -0.018 min

Lab File: BM044733.D

Acq: 22 Mar 2024 14:07

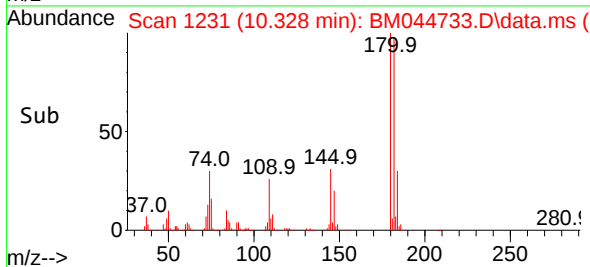
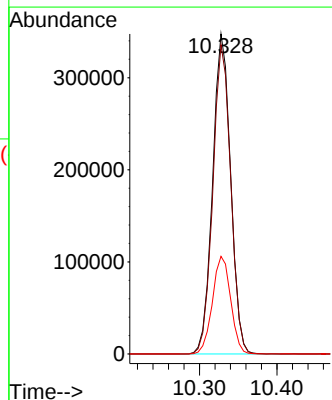
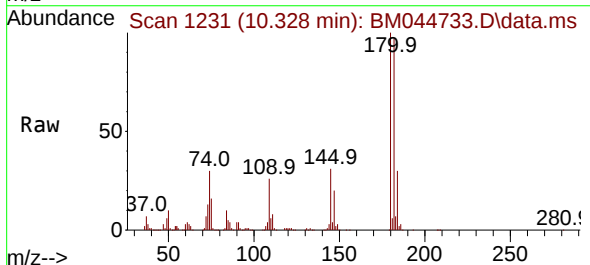
Tgt Ion:180 Resp: 559605

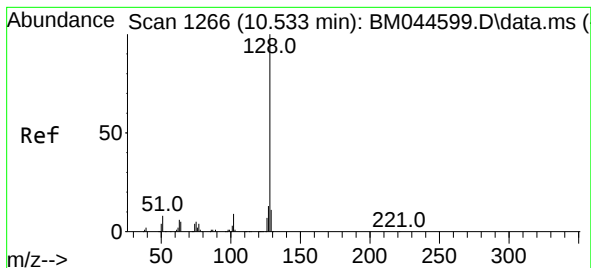
Ion Ratio Lower Upper

180 100

182 96.7 76.6 115.0

145 30.5 24.6 36.8

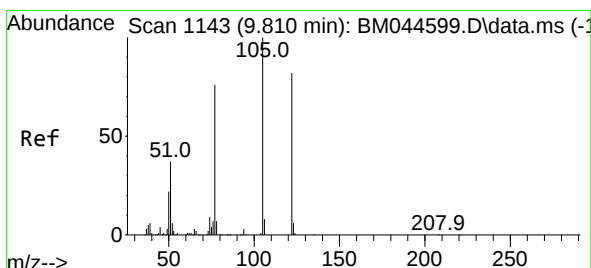
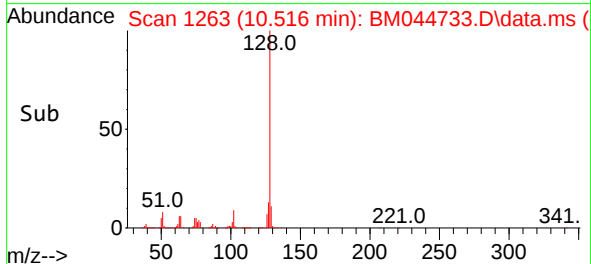
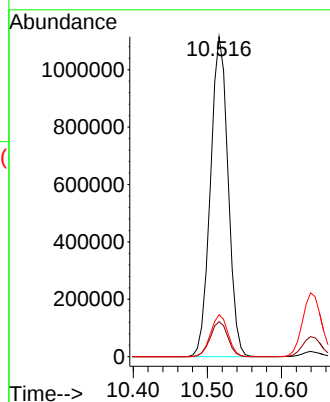
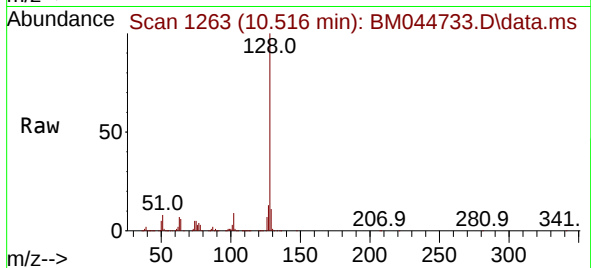




#31
Naphthalene
Concen: 45.088 ng
RT: 10.516 min Scan# 1263
Delta R.T. -0.018 min
Lab File: BM044733.D
Acq: 22 Mar 2024 14:07

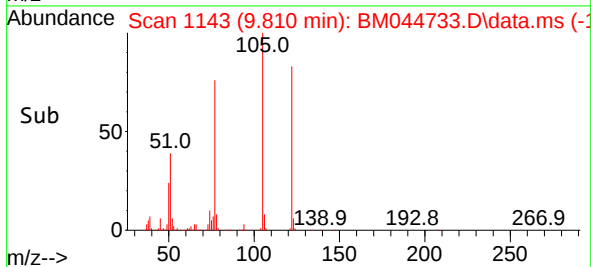
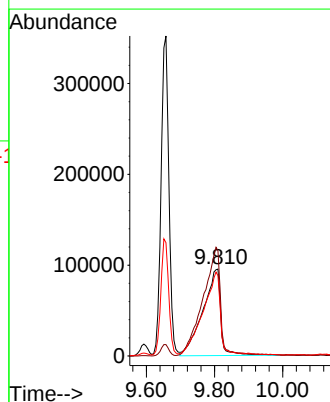
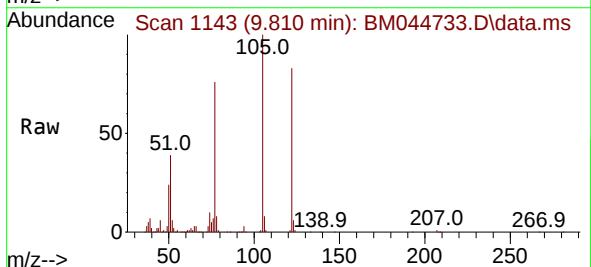
Instrument :
BNA_M
ClientSampleId :
PB159652BS

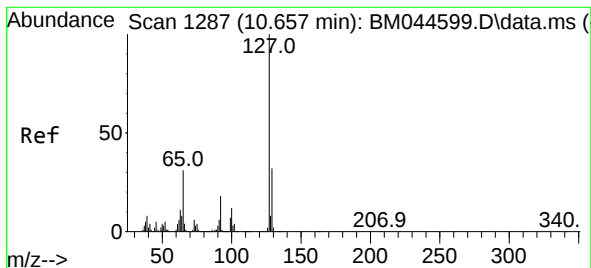
Tgt Ion:128 Resp: 1840648
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.1 10.2 15.4



#32
Benzoic acid
Concen: 38.504 ng
RT: 9.810 min Scan# 1143
Delta R.T. 0.000 min
Lab File: BM044733.D
Acq: 22 Mar 2024 14:07

Tgt Ion:122 Resp: 348753
Ion Ratio Lower Upper
122 100
105 120.9 100.0 140.0
77 92.4 72.5 112.5





#33

4-Chloroaniline

Concen: 23.718 ng

RT: 10.639 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM044733.D

Acq: 22 Mar 2024 14:07

Instrument :

BNA_M

ClientSampleId :

PB159652BS

Tgt Ion:127 Resp: 406199

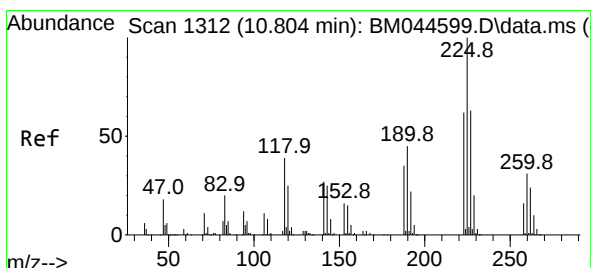
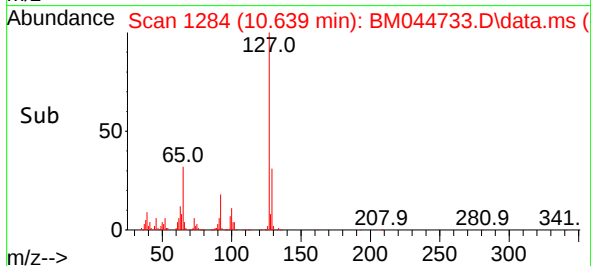
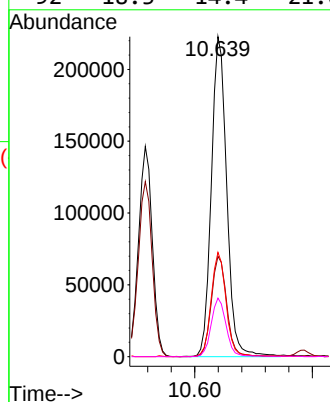
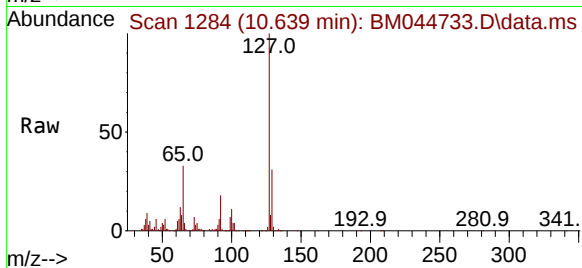
Ion Ratio Lower Upper

127 100

129 31.3 25.6 38.4

65 32.6 25.1 37.7

92 18.3 14.4 21.6



#34

Hexachlorobutadiene

Concen: 48.889 ng

RT: 10.786 min Scan# 1309

Delta R.T. -0.018 min

Lab File: BM044733.D

Acq: 22 Mar 2024 14:07

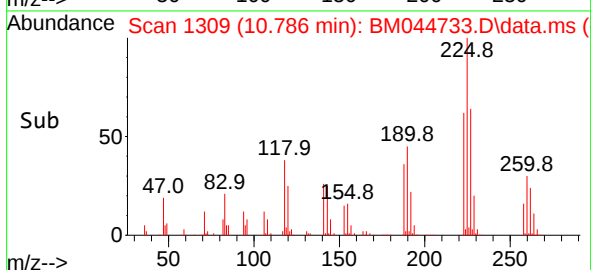
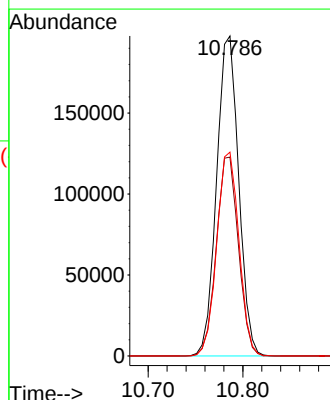
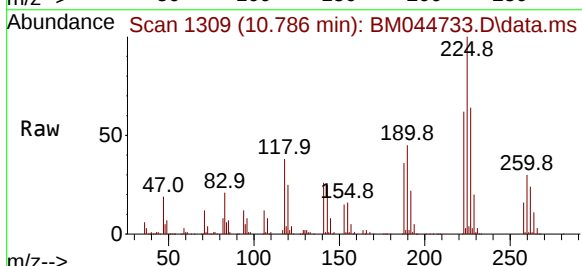
Tgt Ion:225 Resp: 320115

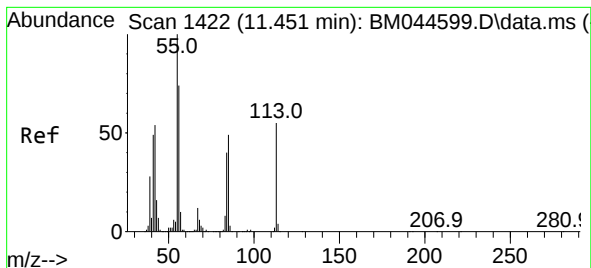
Ion Ratio Lower Upper

225 100

223 62.1 49.9 74.9

227 63.7 50.6 75.8





#35

Caprolactam

Concen: 26.653 ng

RT: 11.451 min Scan# 1422

Delta R.T. 0.000 min

Lab File: BM044733.D

Acq: 22 Mar 2024 14:07

Instrument :

BNA_M

ClientSampleId :

PB159652BS

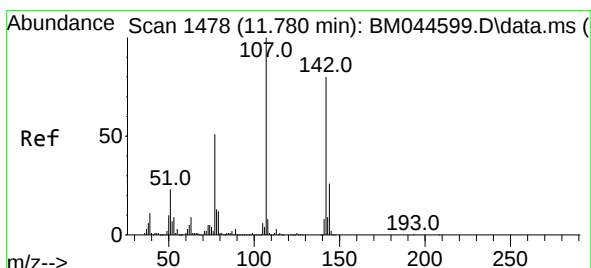
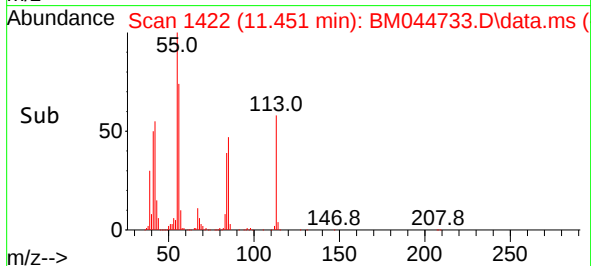
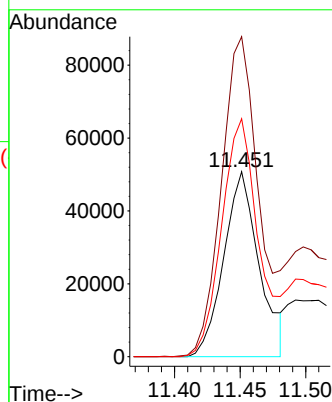
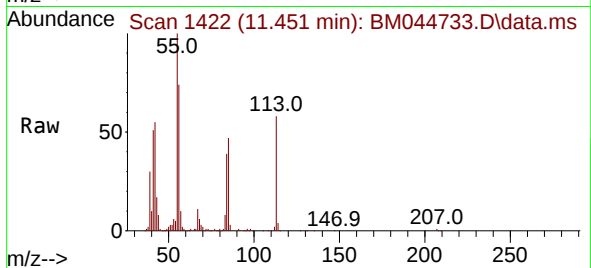
Tgt Ion:113 Resp: 94906

Ion Ratio Lower Upper

113 100

55 173.0 161.1 201.1

56 128.6 113.2 153.2



#36

4-Chloro-3-methylphenol

Concen: 44.667 ng

RT: 11.769 min Scan# 1476

Delta R.T. -0.012 min

Lab File: BM044733.D

Acq: 22 Mar 2024 14:07

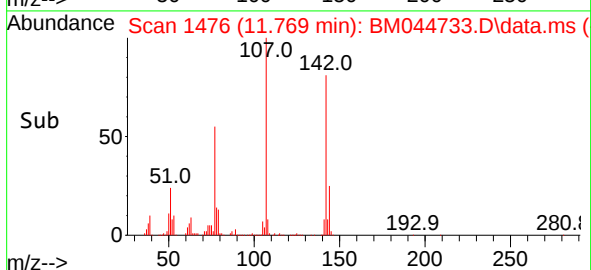
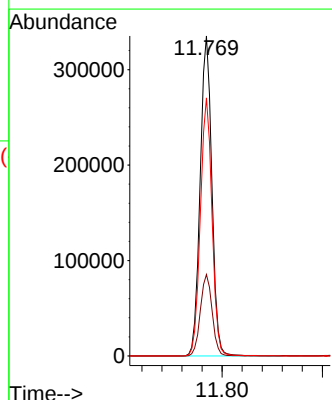
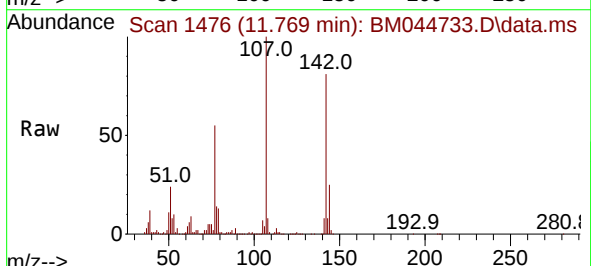
Tgt Ion:107 Resp: 541060

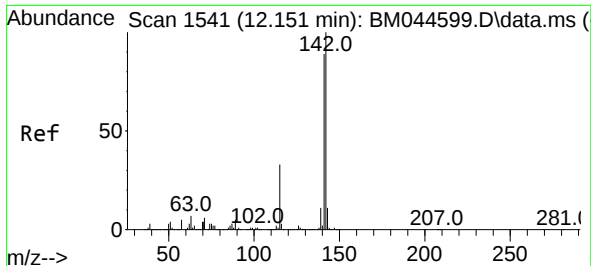
Ion Ratio Lower Upper

107 100

144 25.4 20.8 31.2

142 80.6 63.8 95.8

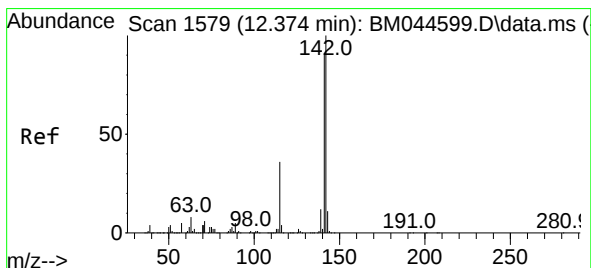
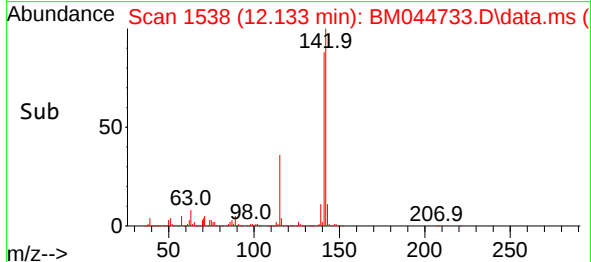
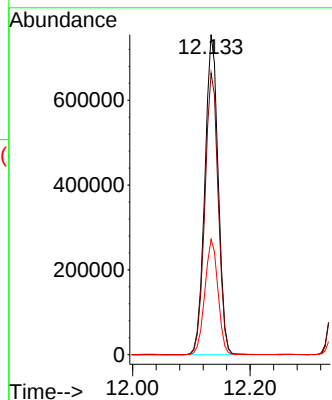
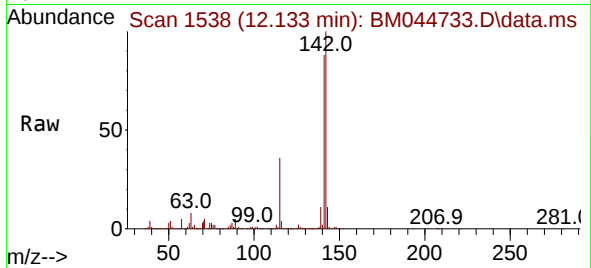




#37
2-Methylnaphthalene
Concen: 42.838 ng
RT: 12.133 min Scan# 1538
Delta R.T. -0.018 min
Lab File: BM044733.D
Acq: 22 Mar 2024 14:07

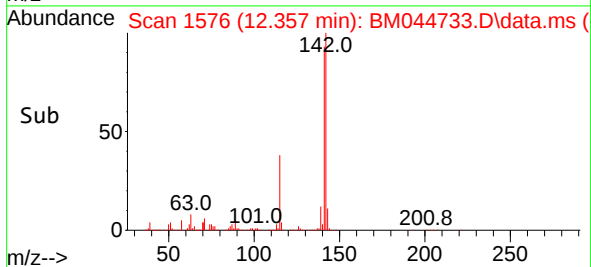
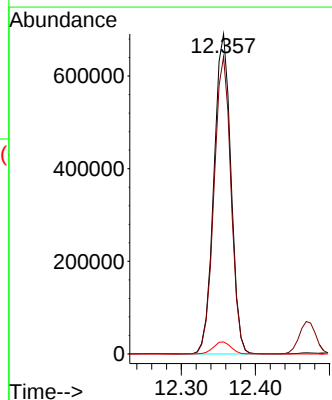
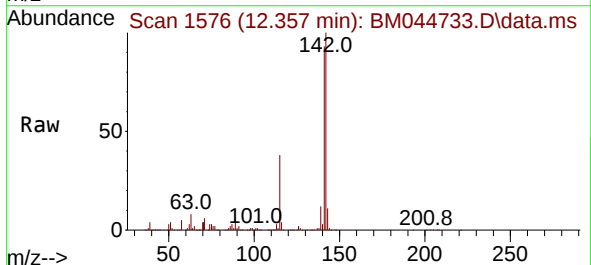
Instrument :
BNA_M
ClientSampleId :
PB159652BS

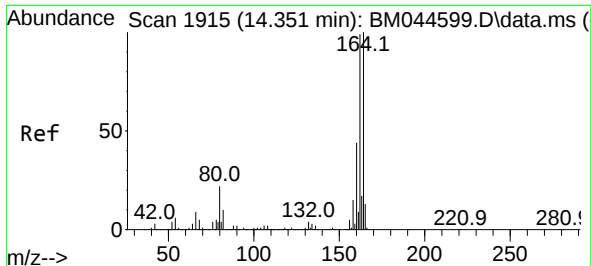
Tgt Ion:142 Resp: 1186967
Ion Ratio Lower Upper
142 100
141 88.1 71.0 106.6
115 36.1 26.6 40.0



#38
1-Methylnaphthalene
Concen: 42.607 ng
RT: 12.357 min Scan# 1576
Delta R.T. -0.018 min
Lab File: BM044733.D
Acq: 22 Mar 2024 14:07

Tgt Ion:142 Resp: 1100264
Ion Ratio Lower Upper
142 100
141 92.9 72.9 109.3
116 3.8 2.9 4.3

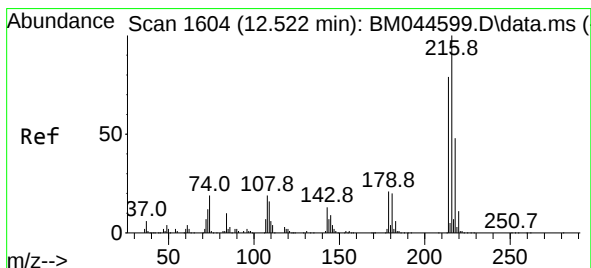
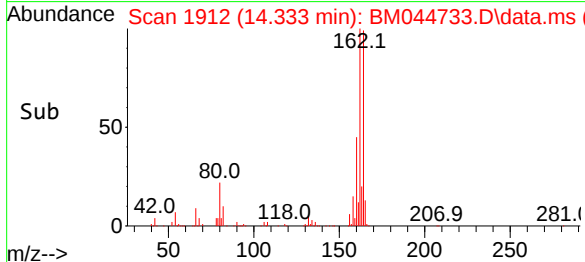
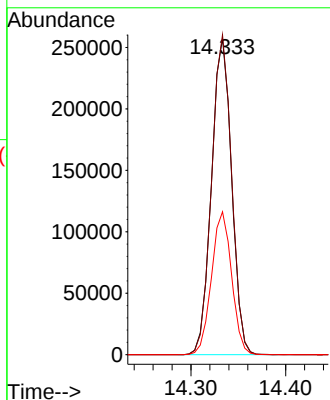
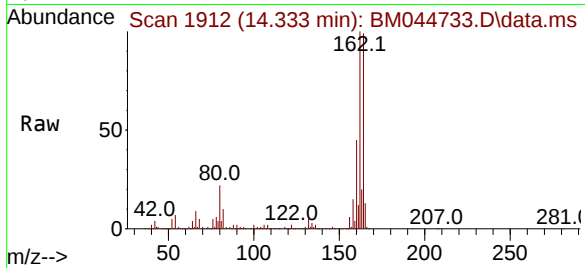




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.333 min Scan# 1915
Delta R.T. -0.018 min
Lab File: BM044733.D
Acq: 22 Mar 2024 14:07

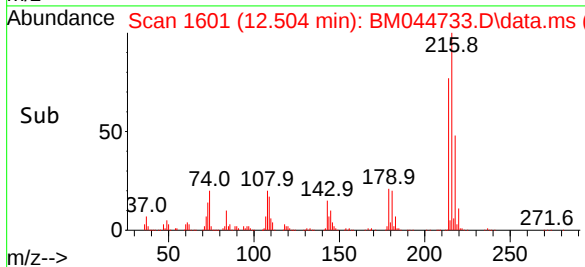
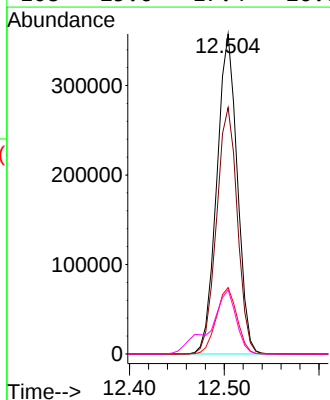
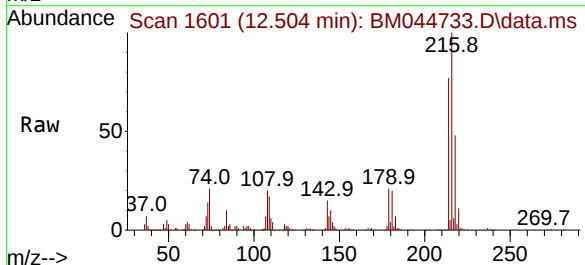
Instrument :
BNA_M
ClientSampleId :
PB159652BS

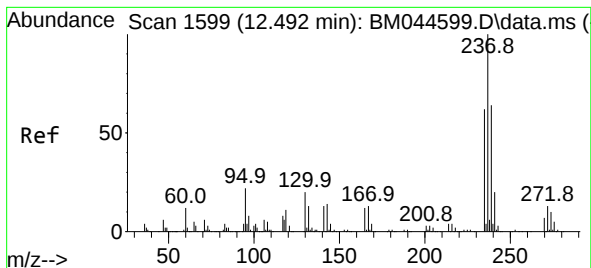
Tgt Ion:164 Resp: 379651
Ion Ratio Lower Upper
164 100
162 101.3 79.3 118.9
160 45.2 35.2 52.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.896 ng
RT: 12.504 min Scan# 1601
Delta R.T. -0.018 min
Lab File: BM044733.D
Acq: 22 Mar 2024 14:07

Tgt Ion:216 Resp: 537568
Ion Ratio Lower Upper
216 100
214 78.4 62.9 94.3
179 21.0 16.9 25.3
108 25.6 17.4 26.0

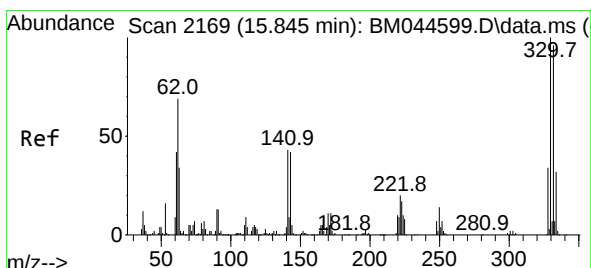
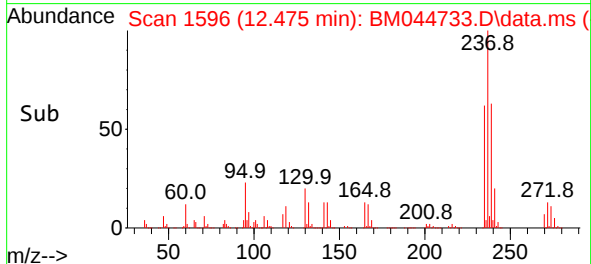
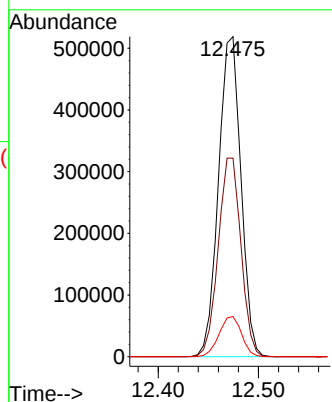
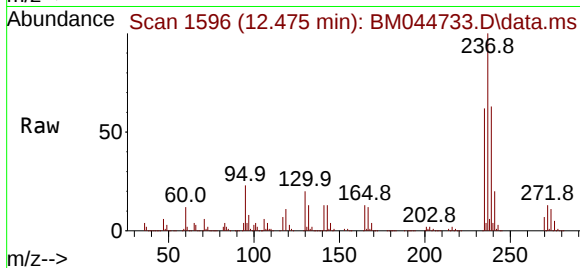




#41
Hexachlorocyclopentadiene
Concen: 131.029 ng
RT: 12.475 min Scan# 1596
Delta R.T. -0.018 min
Lab File: BM044733.D
Acq: 22 Mar 2024 14:07

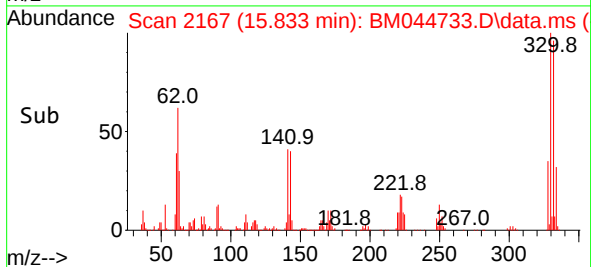
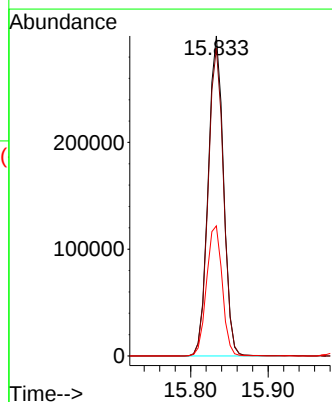
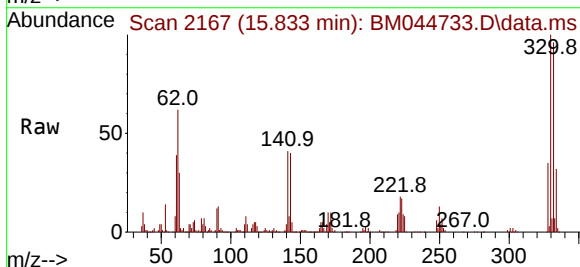
Instrument :
BNA_M
ClientSampleId :
PB159652BS

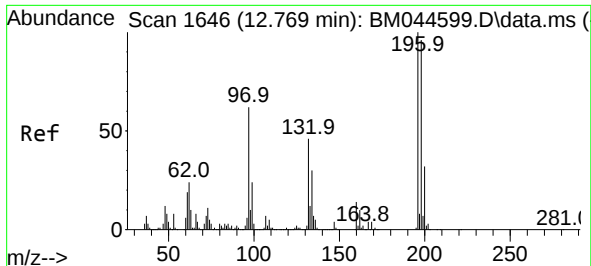
Tgt Ion:237 Resp: 804204
Ion Ratio Lower Upper
237 100
235 62.1 42.1 82.1
272 12.6 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 98.083 ng
RT: 15.833 min Scan# 2167
Delta R.T. -0.012 min
Lab File: BM044733.D
Acq: 22 Mar 2024 14:07

Tgt Ion:330 Resp: 410712
Ion Ratio Lower Upper
330 100
332 96.8 77.8 116.8
141 41.7 33.4 50.0

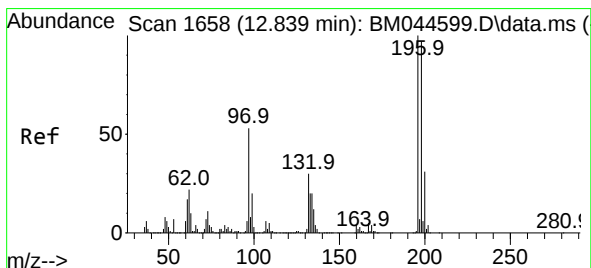
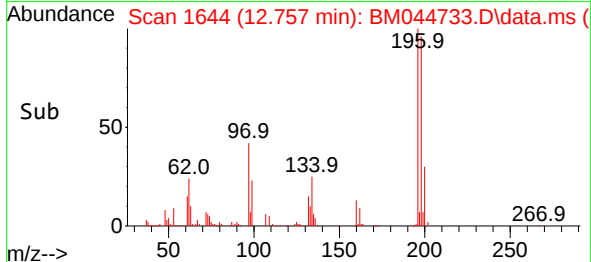
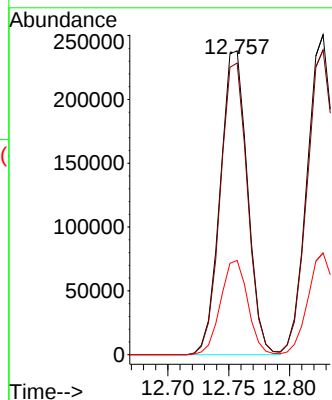
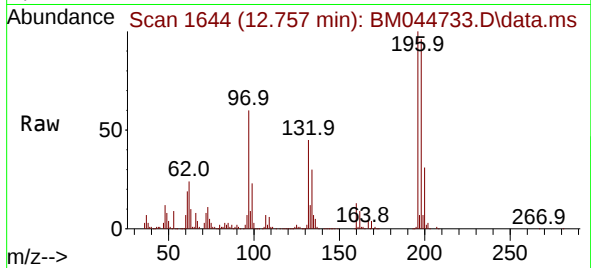




#43
2,4,6-Trichlorophenol
Concen: 51.053 ng
RT: 12.757 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM044733.D
Acq: 22 Mar 2024 14:07

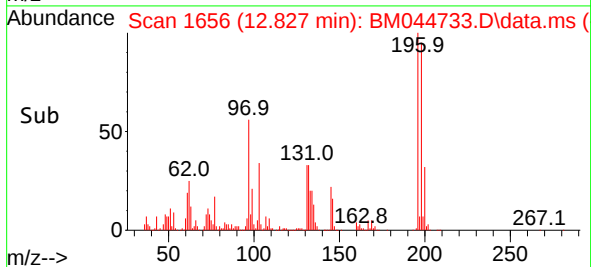
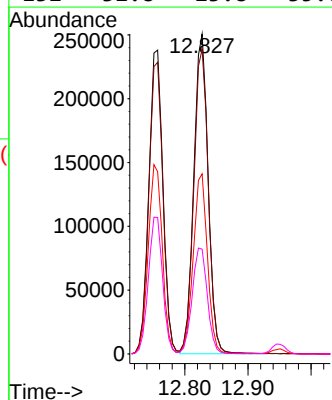
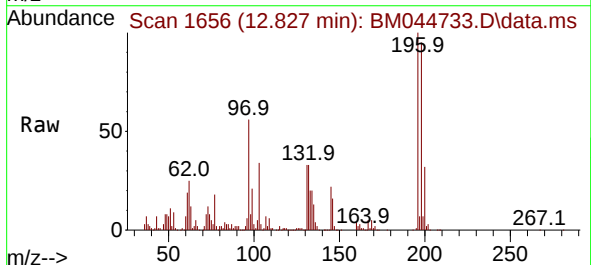
Instrument :
BNA_M
ClientSampleId :
PB159652BS

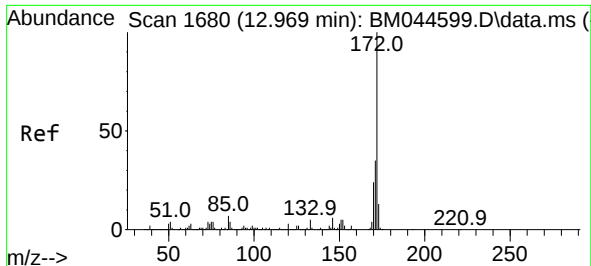
Tgt Ion:196 Resp: 371404
Ion Ratio Lower Upper
196 100
198 96.0 76.9 115.3
200 31.0 25.4 38.0



#44
2,4,5-Trichlorophenol
Concen: 45.899 ng
RT: 12.827 min Scan# 1656
Delta R.T. -0.012 min
Lab File: BM044733.D
Acq: 22 Mar 2024 14:07

Tgt Ion:196 Resp: 395647
Ion Ratio Lower Upper
196 100
198 95.3 77.7 116.5
97 56.3 42.8 64.2
132 32.8 23.8 35.6

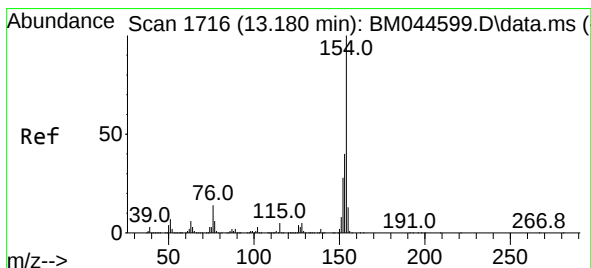
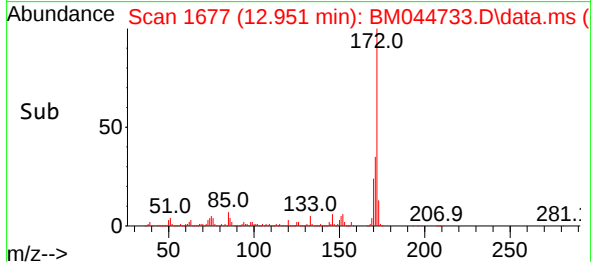
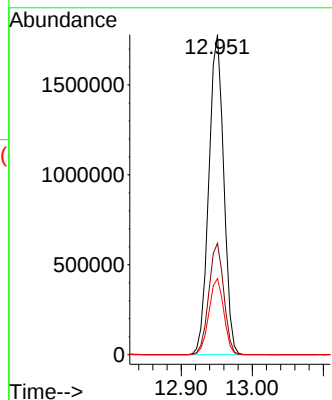
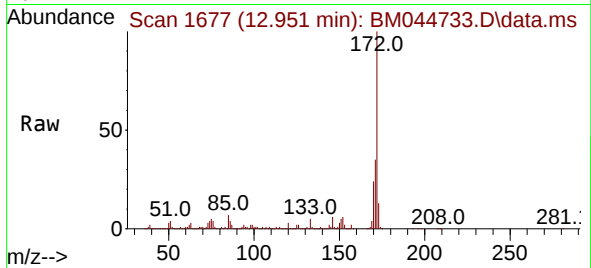




#45
2-Fluorobiphenyl
Concen: 94.275 ng
RT: 12.951 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM044733.D
Acq: 22 Mar 2024 14:07

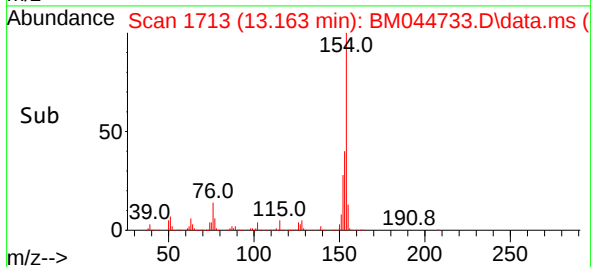
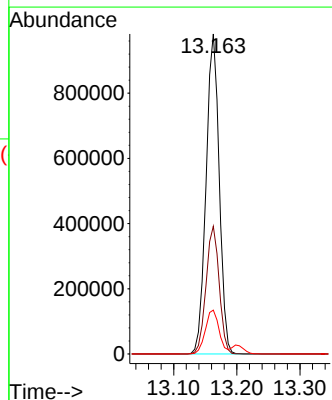
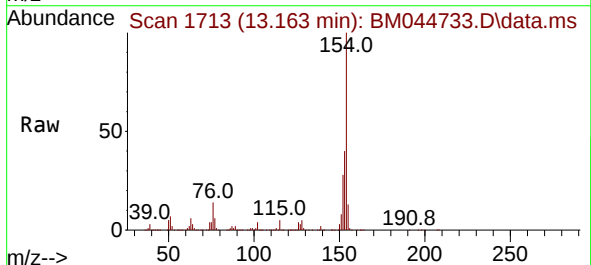
Instrument :
BNA_M
ClientSampleId :
PB159652BS

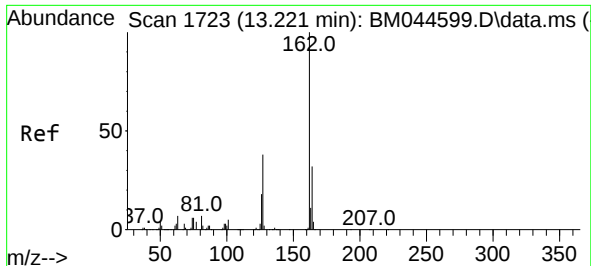
Tgt Ion:172 Resp: 2598823
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.2
170 23.8 19.0 28.6



#46
1,1'-Biphenyl
Concen: 47.797 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.018 min
Lab File: BM044733.D
Acq: 22 Mar 2024 14:07

Tgt Ion:154 Resp: 1419246
Ion Ratio Lower Upper
154 100
153 39.9 19.9 59.9
76 13.7 0.0 34.0

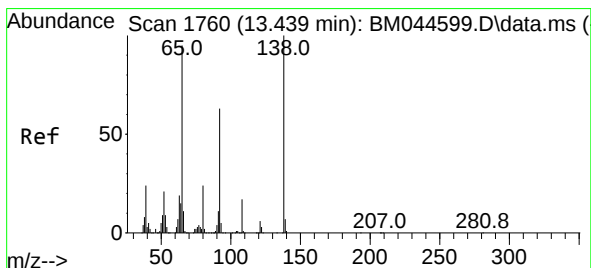
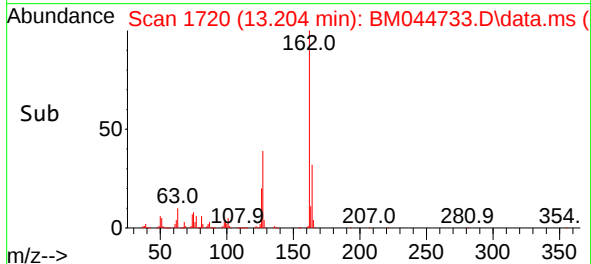
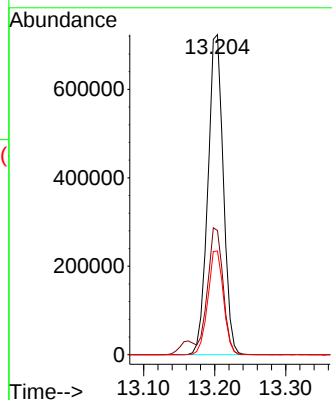
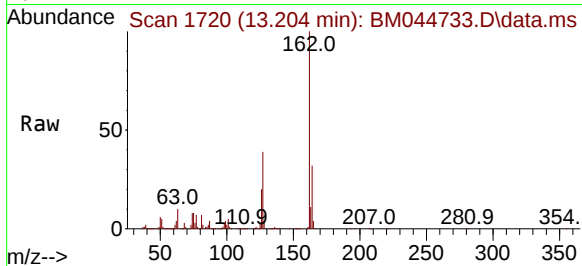




#47
2-Chloronaphthalene
Concen: 49.859 ng
RT: 13.204 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM044733.D
Acq: 22 Mar 2024 14:07

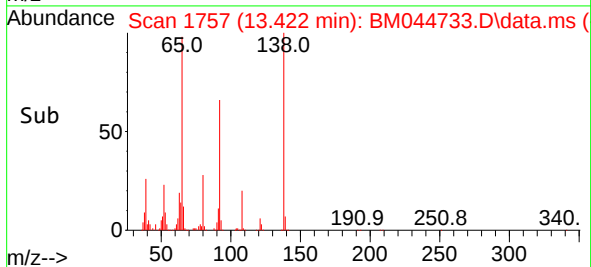
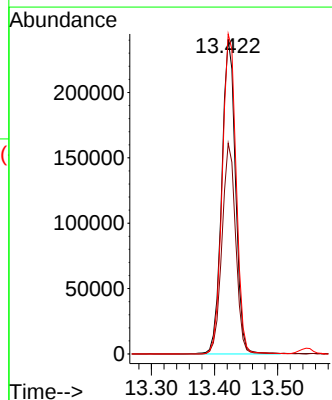
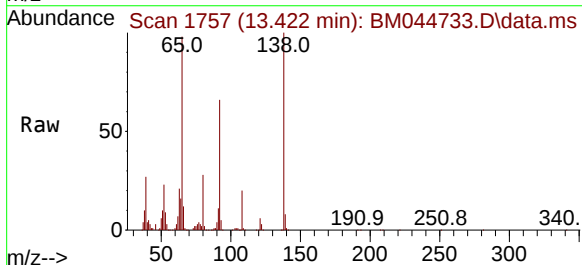
Instrument :
BNA_M
ClientSampleId :
PB159652BS

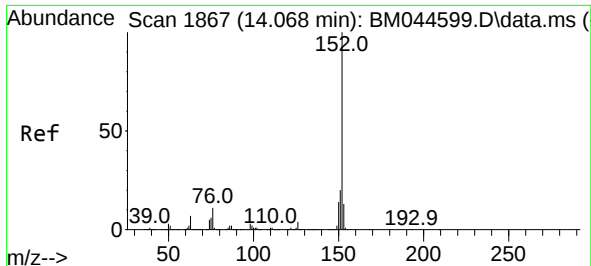
Tgt Ion:162 Resp: 1094752
Ion Ratio Lower Upper
162 100
127 38.8 31.4 47.0
164 32.4 25.8 38.8



#48
2-Nitroaniline
Concen: 49.045 ng
RT: 13.422 min Scan# 1757
Delta R.T. -0.017 min
Lab File: BM044733.D
Acq: 22 Mar 2024 14:07

Tgt Ion: 65 Resp: 365392
Ion Ratio Lower Upper
65 100
92 67.0 53.3 79.9
138 101.7 84.3 126.5

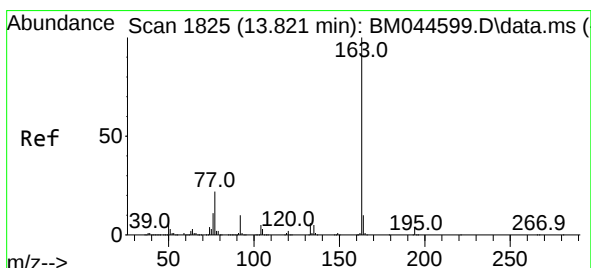
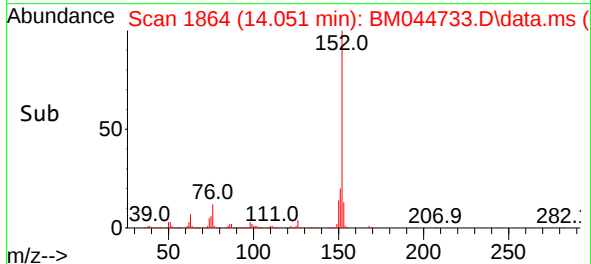
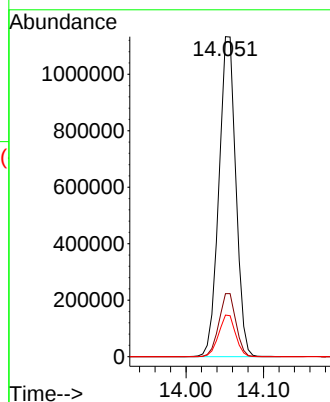
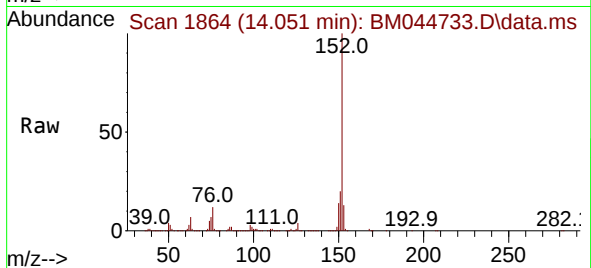




#49
Acenaphthylene
Concen: 48.112 ng
RT: 14.051 min Scan# 1864
Delta R.T. -0.018 min
Lab File: BM044733.D
Acq: 22 Mar 2024 14:07

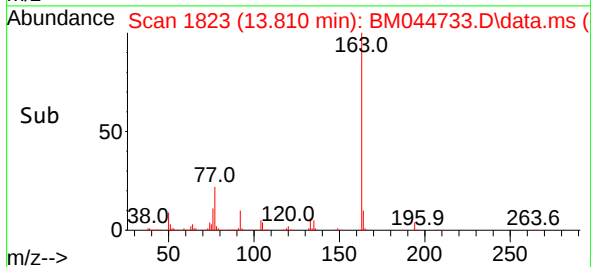
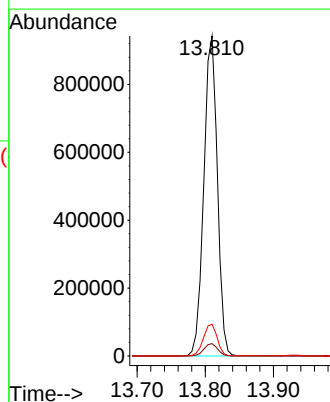
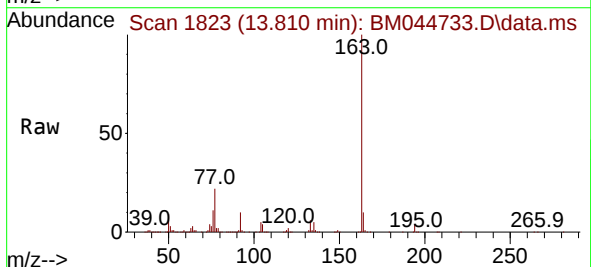
Instrument :
BNA_M
ClientSampleId :
PB159652BS

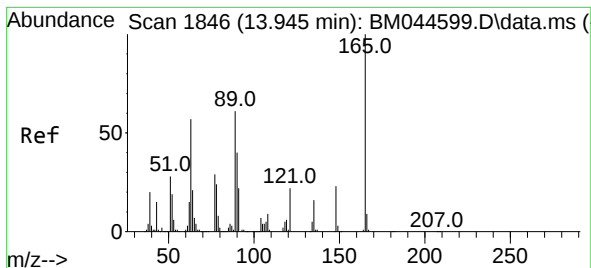
Tgt Ion:152 Resp: 1720903
Ion Ratio Lower Upper
152 100
151 19.7 16.0 24.0
153 13.0 10.6 15.8



#50
Dimethylphthalate
Concen: 45.852 ng
RT: 13.810 min Scan# 1823
Delta R.T. -0.011 min
Lab File: BM044733.D
Acq: 22 Mar 2024 14:07

Tgt Ion:163 Resp: 1302056
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 9.9 8.0 12.0

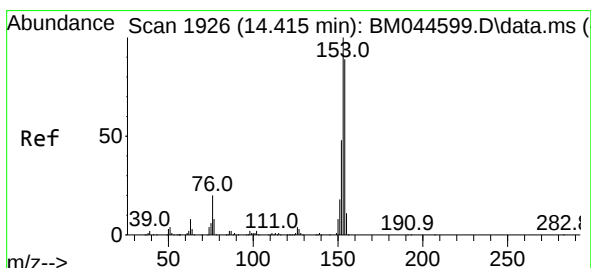
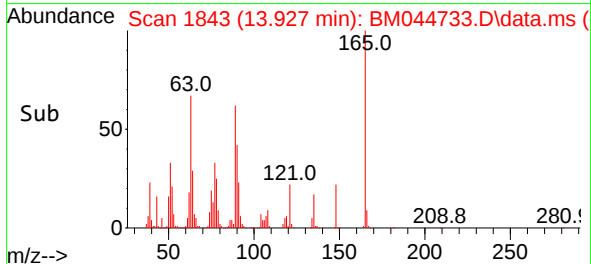
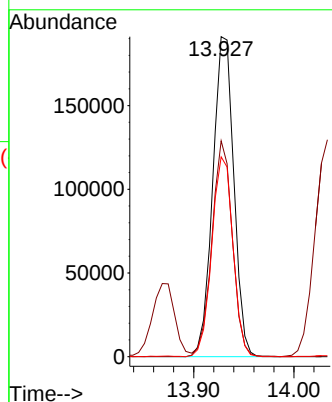
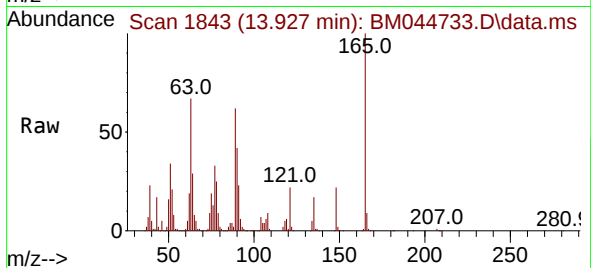




#51
2,6-Dinitrotoluene
Concen: 47.168 ng
RT: 13.927 min Scan# 1843
Delta R.T. -0.018 min
Lab File: BM044733.D
Acq: 22 Mar 2024 14:07

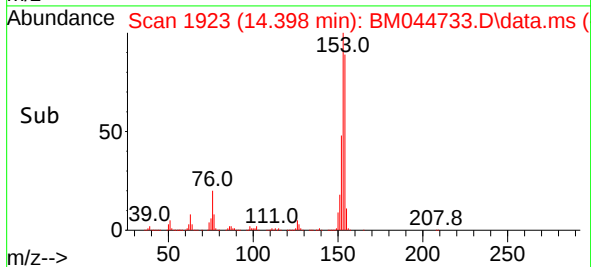
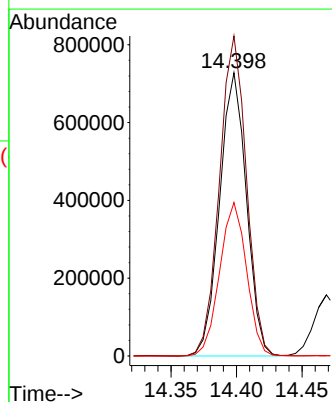
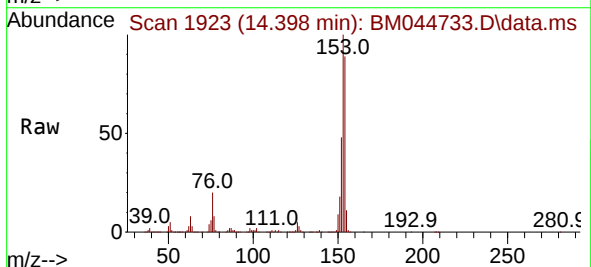
Instrument :
BNA_M
ClientSampleId :
PB159652BS

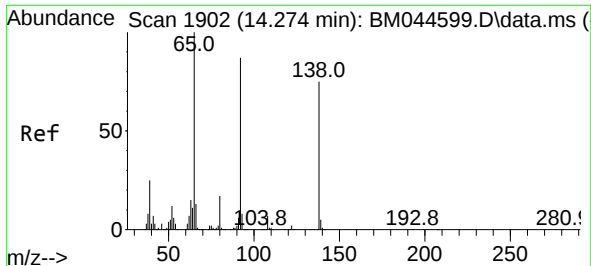
Tgt Ion:165 Resp: 278927
Ion Ratio Lower Upper
165 100
63 67.4 50.4 75.6
89 62.4 49.3 73.9



#52
Acenaphthene
Concen: 47.784 ng
RT: 14.398 min Scan# 1923
Delta R.T. -0.018 min
Lab File: BM044733.D
Acq: 22 Mar 2024 14:07

Tgt Ion:154 Resp: 1033203
Ion Ratio Lower Upper
154 100
153 113.0 90.3 135.5
152 54.1 43.1 64.7

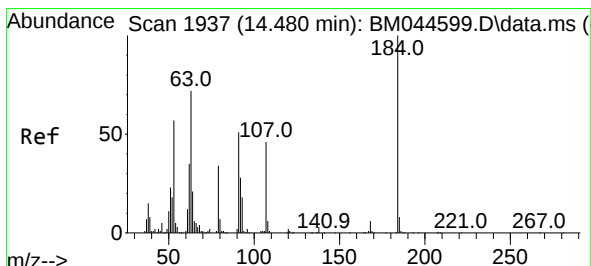
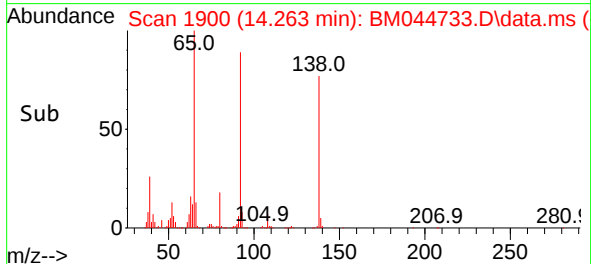
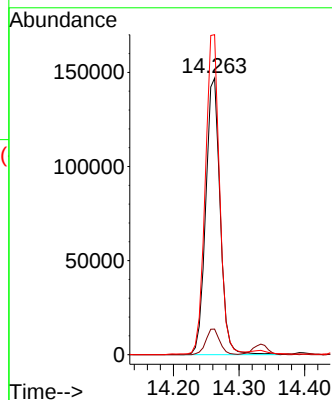
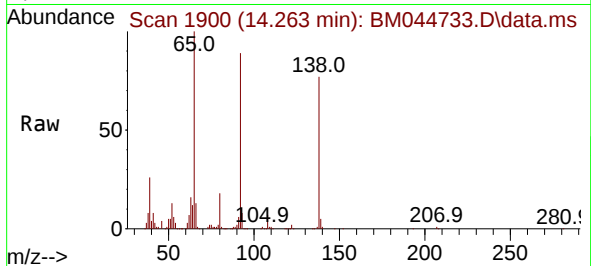




#53
3-Nitroaniline
Concen: 32.576 ng
RT: 14.263 min Scan# 1902
Delta R.T. -0.011 min
Lab File: BM044733.D
Acq: 22 Mar 2024 14:07

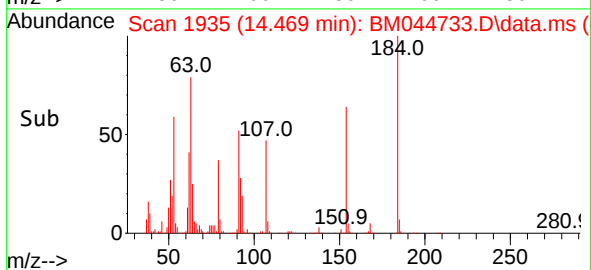
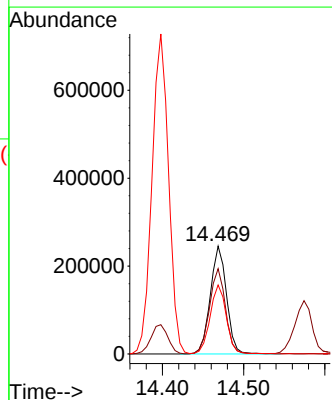
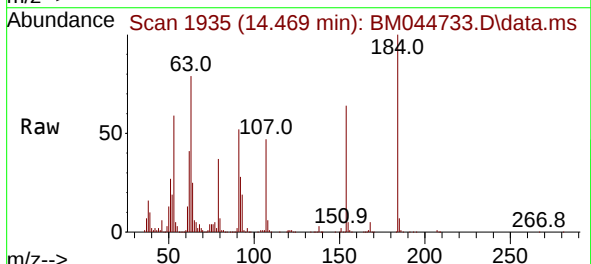
Instrument :
BNA_M
ClientSampleId :
PB159652BS

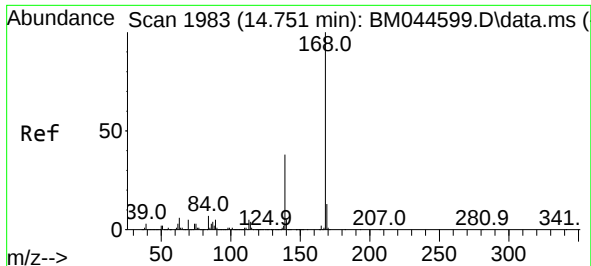
Tgt Ion:138 Resp: 225568
Ion Ratio Lower Upper
138 100
108 9.3 7.5 11.3
92 115.7 92.8 139.2



#54
2,4-Dinitrophenol
Concen: 87.485 ng
RT: 14.469 min Scan# 1935
Delta R.T. -0.011 min
Lab File: BM044733.D
Acq: 22 Mar 2024 14:07

Tgt Ion:184 Resp: 340205
Ion Ratio Lower Upper
184 100
63 79.0 62.2 93.2
154 64.0 47.9 71.9

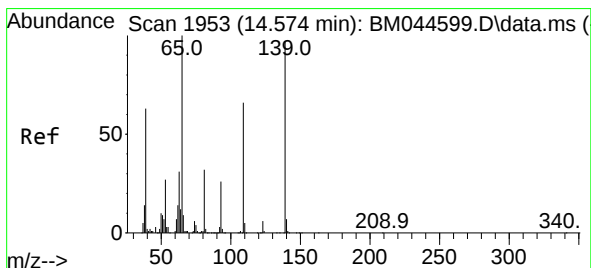
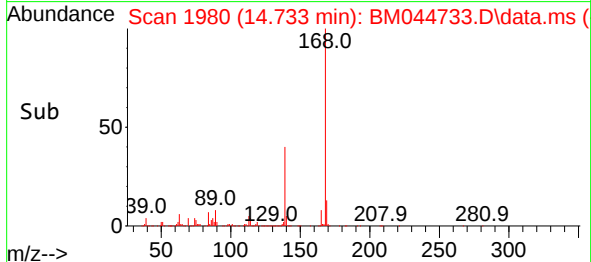
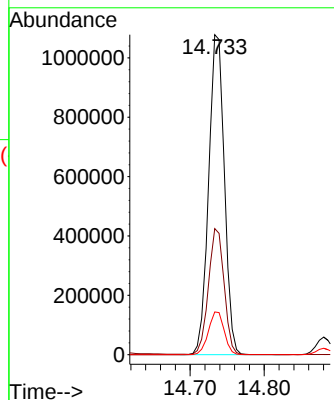
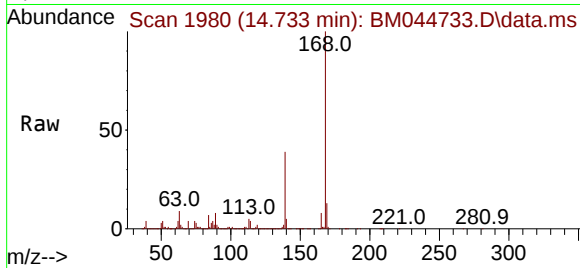




#55
 Dibenzenofuran
 Concen: 46.294 ng
 RT: 14.733 min Scan# 1980
 Delta R.T. -0.018 min
 Lab File: BM044733.D
 Acq: 22 Mar 2024 14:07

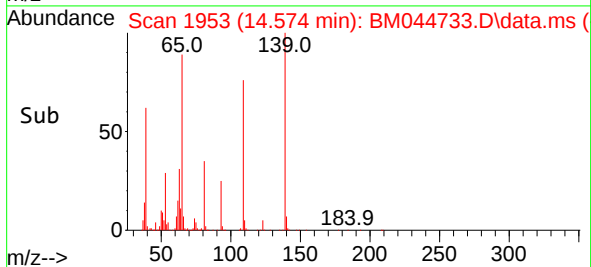
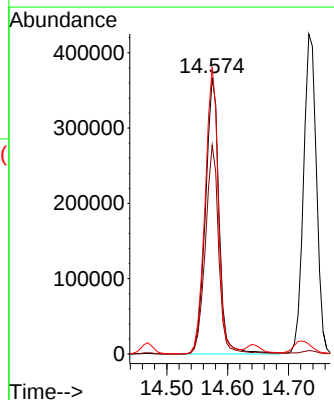
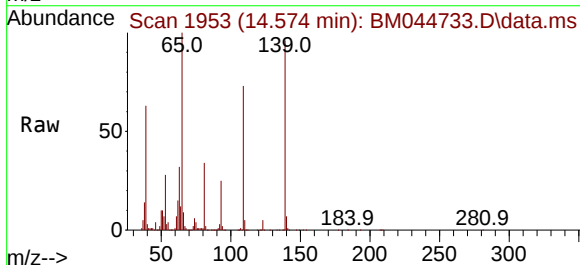
Instrument :
 BNA_M
 ClientSampleId :
 PB159652BS

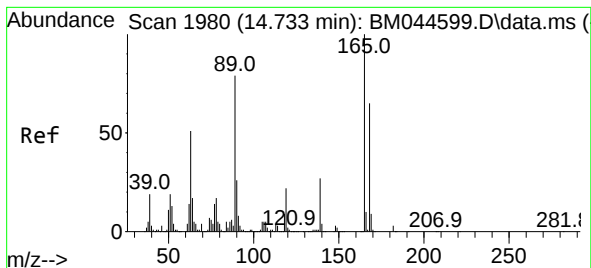
Tgt Ion:168 Resp: 1588668
 Ion Ratio Lower Upper
 168 100
 139 39.4 30.6 46.0
 169 13.4 10.6 16.0



#56
 4-Nitrophenol
 Concen: 100.360 ng
 RT: 14.574 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: BM044733.D
 Acq: 22 Mar 2024 14:07

Tgt Ion:139 Resp: 570741
 Ion Ratio Lower Upper
 139 100
 109 75.7 48.0 88.0
 65 104.0 83.5 123.5

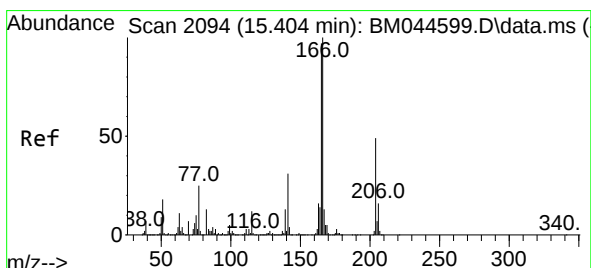
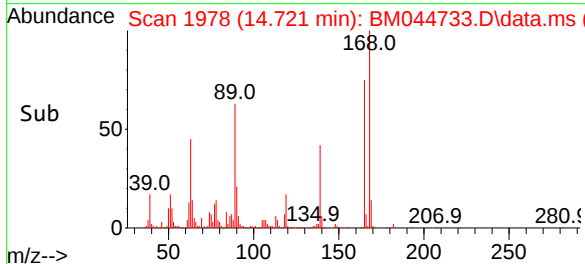
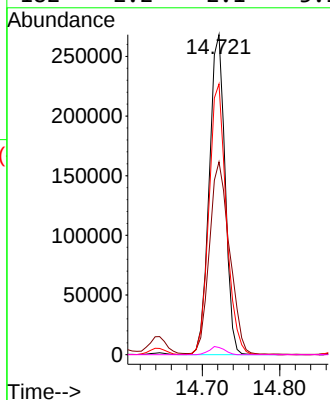
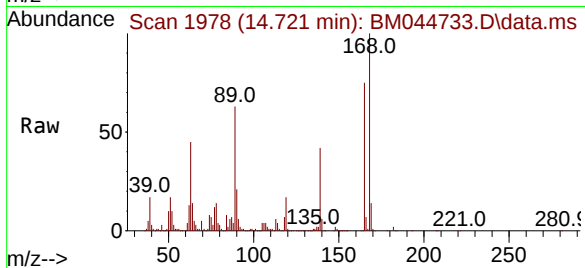




#57
2,4-Dinitrotoluene
Concen: 49.144 ng
RT: 14.721 min Scan# 1980
Delta R.T. -0.012 min
Lab File: BM044733.D
Acq: 22 Mar 2024 14:07

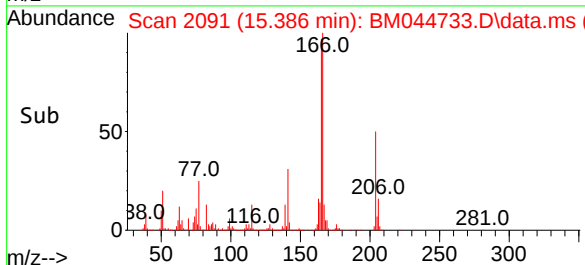
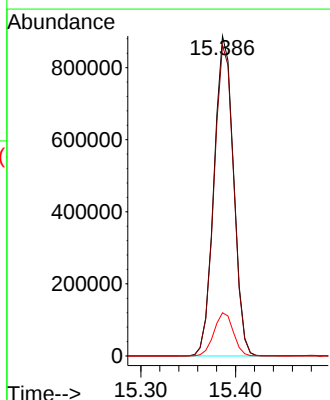
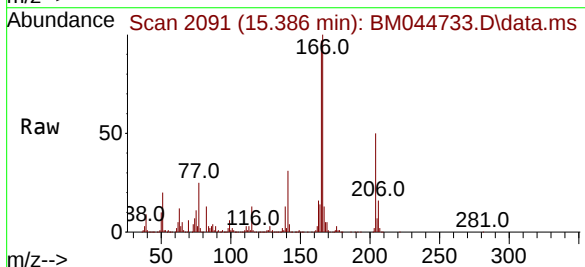
Instrument :
BNA_M
ClientSampleId :
PB159652BS

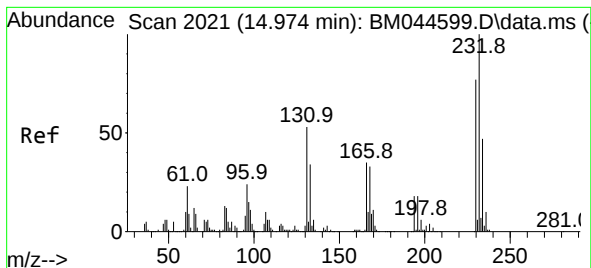
Tgt Ion:165 Resp: 379723
Ion Ratio Lower Upper
165 100
63 60.2 40.9 61.3
89 84.6 63.4 95.0
182 2.2 2.1 3.1



#58
Fluorene
Concen: 47.665 ng
RT: 15.386 min Scan# 2091
Delta R.T. -0.018 min
Lab File: BM044733.D
Acq: 22 Mar 2024 14:07

Tgt Ion:166 Resp: 1273786
Ion Ratio Lower Upper
166 100
165 97.2 77.7 116.5
167 13.5 10.8 16.2

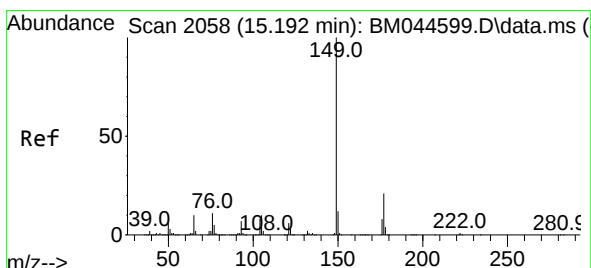
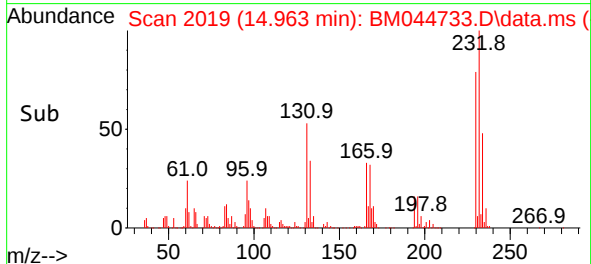
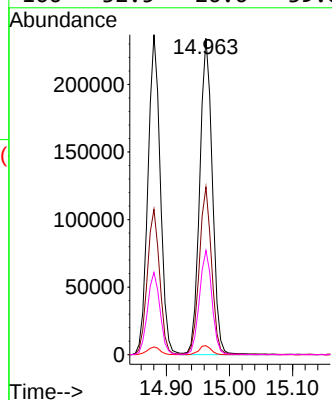
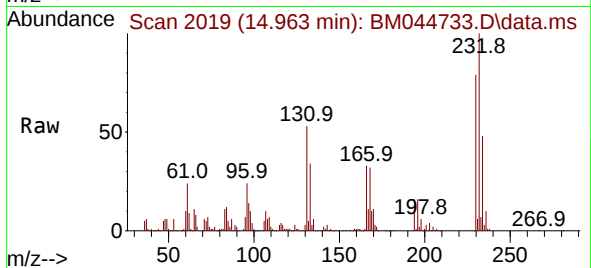




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.653 ng
RT: 14.963 min Scan# 20
Delta R.T. -0.012 min
Lab File: BM044733.D
Acq: 22 Mar 2024 14:07

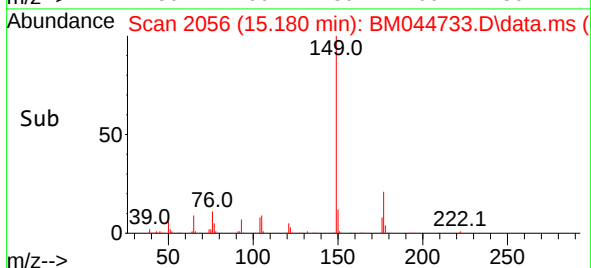
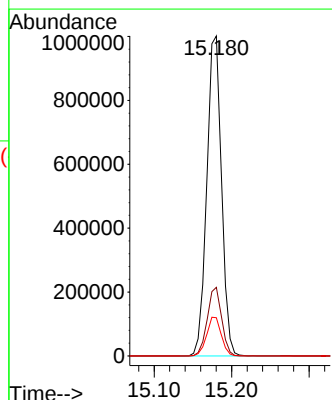
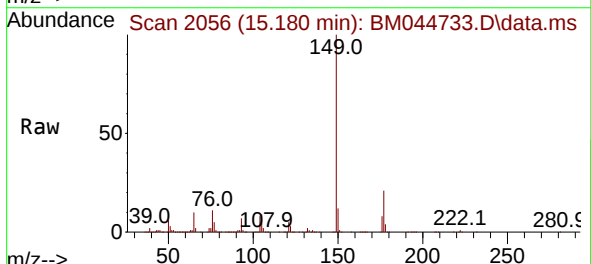
Instrument :
BNA_M
ClientSampleId :
PB159652BS

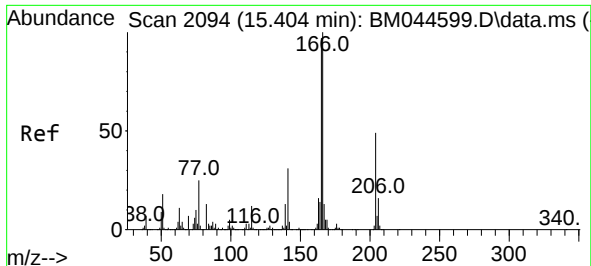
Tgt Ion:232 Resp: 325609
Ion Ratio Lower Upper
232 100
131 51.2 41.0 61.4
130 2.7 2.1 3.1
166 32.5 26.6 39.8



#60
Diethylphthalate
Concen: 45.846 ng
RT: 15.180 min Scan# 2056
Delta R.T. -0.012 min
Lab File: BM044733.D
Acq: 22 Mar 2024 14:07

Tgt Ion:149 Resp: 1317909
Ion Ratio Lower Upper
149 100
177 21.4 16.8 25.2
150 12.0 9.8 14.8

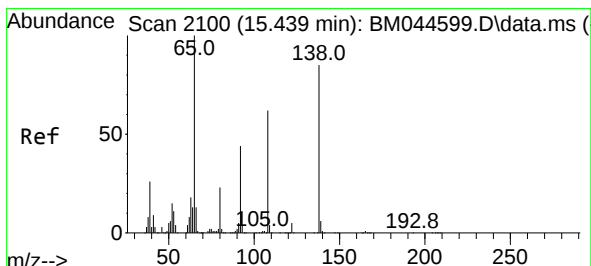
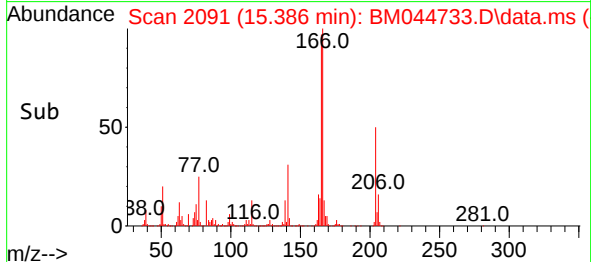
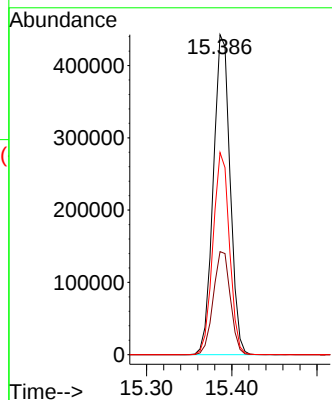
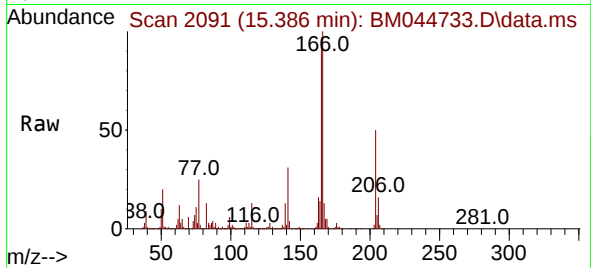




#61
4-Chlorophenyl-phenylether
Concen: 47.344 ng
RT: 15.386 min Scan# 2094
Delta R.T. -0.018 min
Lab File: BM044733.D
Acq: 22 Mar 2024 14:07

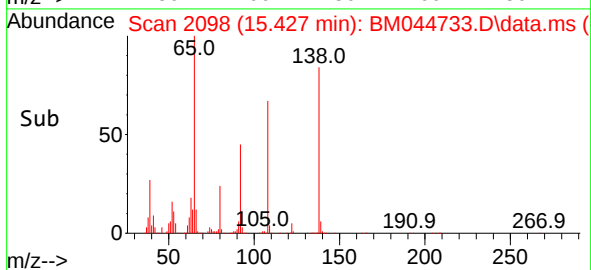
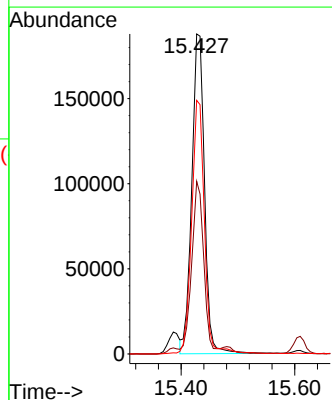
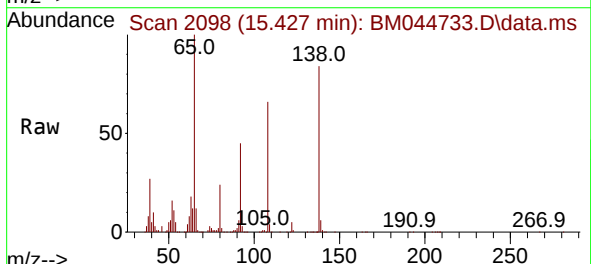
Instrument :
BNA_M
ClientSampleId :
PB159652BS

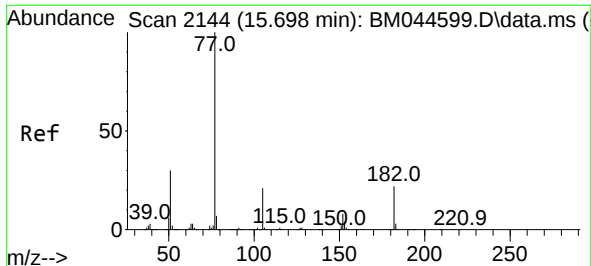
Tgt Ion:204 Resp: 607385
Ion Ratio Lower Upper
204 100
206 32.2 25.9 38.9
141 63.2 49.8 74.8



#62
4-Nitroaniline
Concen: 42.371 ng
RT: 15.427 min Scan# 2098
Delta R.T. -0.012 min
Lab File: BM044733.D
Acq: 22 Mar 2024 14:07

Tgt Ion:138 Resp: 293076
Ion Ratio Lower Upper
138 100
92 53.9 31.9 71.9
108 79.3 53.7 93.7



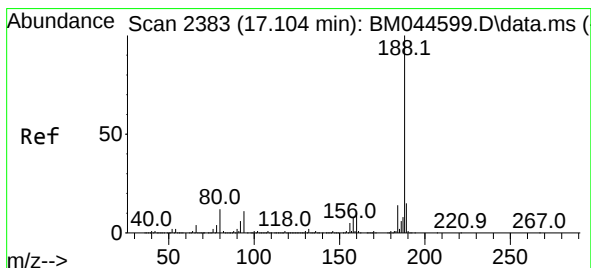
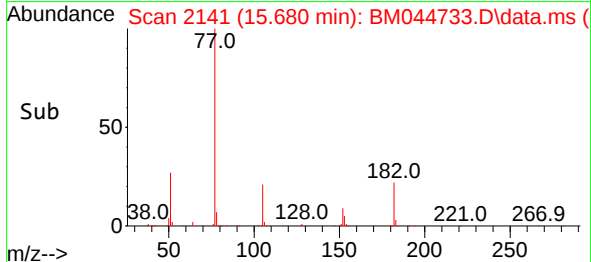
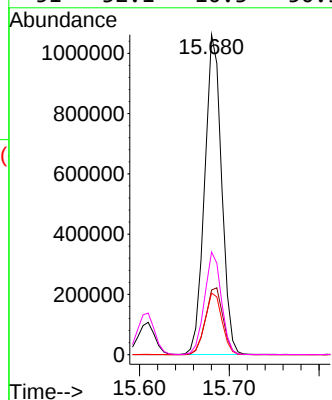
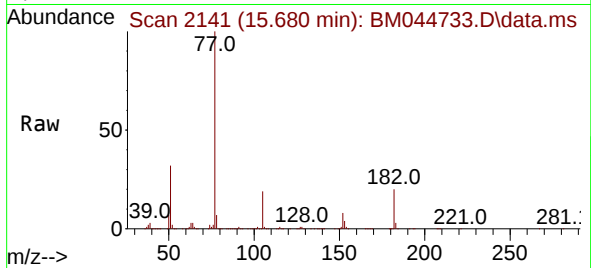


#63
 Azobenzene
 Concen: 46.778 ng
 RT: 15.680 min Scan# 2144
 Delta R.T. -0.018 min
 Lab File: BM044733.D
 Acq: 22 Mar 2024 14:07

Instrument :
 BNA_M
 ClientSampleId :
 PB159652BS

Tgt Ion: 77 Resp: 1389991

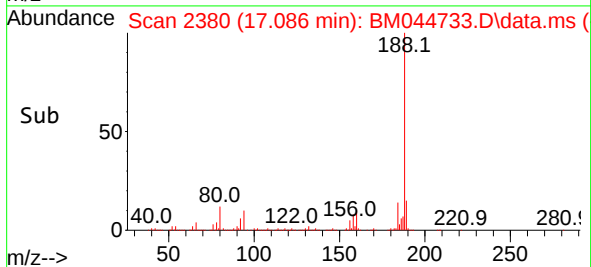
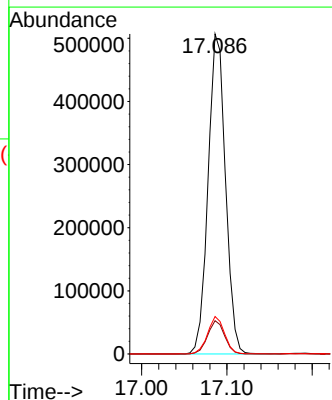
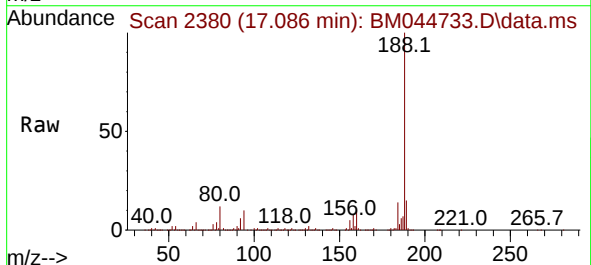
Ion	Ratio	Lower	Upper
77	100		
182	20.2	1.8	41.8
105	19.3	0.7	40.7
51	32.1	10.3	50.3

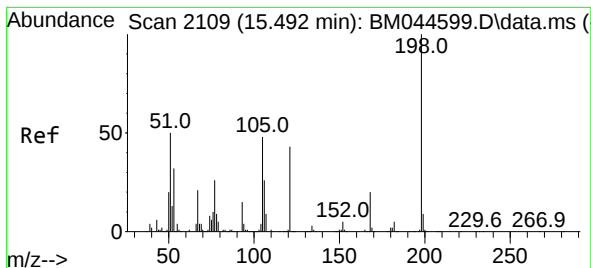


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.086 min Scan# 2380
 Delta R.T. -0.018 min
 Lab File: BM044733.D
 Acq: 22 Mar 2024 14:07

Tgt Ion: 188 Resp: 718200

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.4	12.6
80	11.7	9.4	14.0

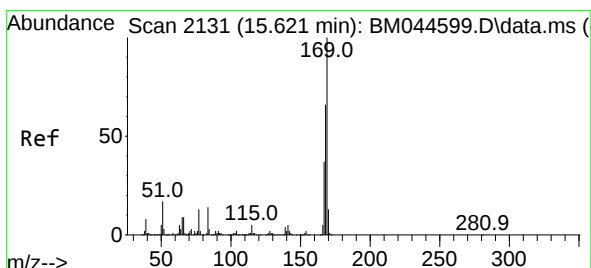
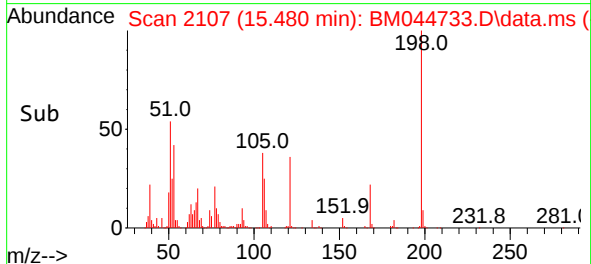
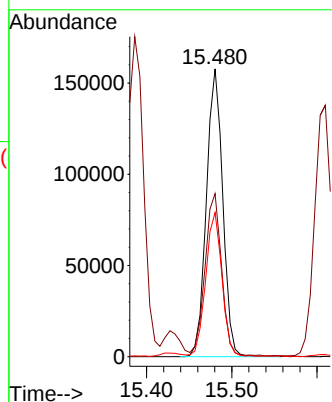
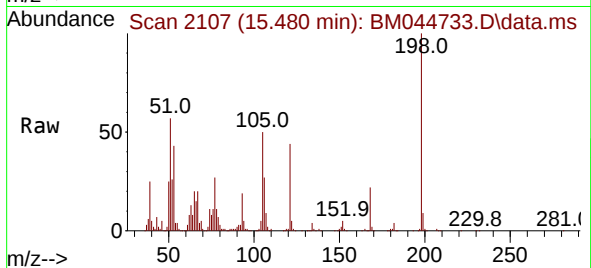




#65
4,6-Dinitro-2-methylphenol
Concen: 46.656 ng
RT: 15.480 min Scan# 2107
Delta R.T. -0.012 min
Lab File: BM044733.D
Acq: 22 Mar 2024 14:07

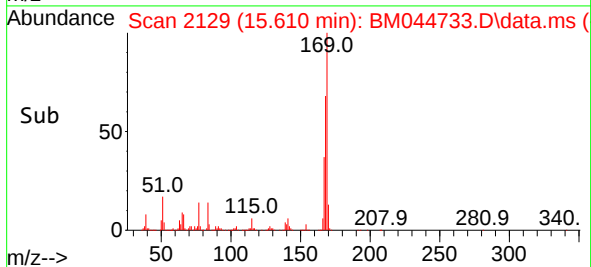
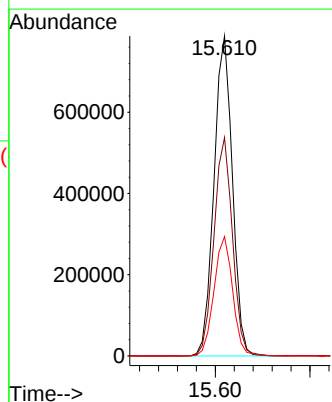
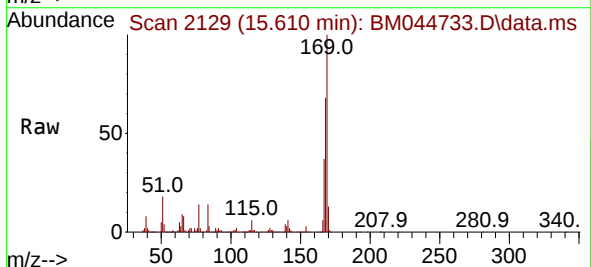
Instrument :
BNA_M
ClientSampleId :
PB159652BS

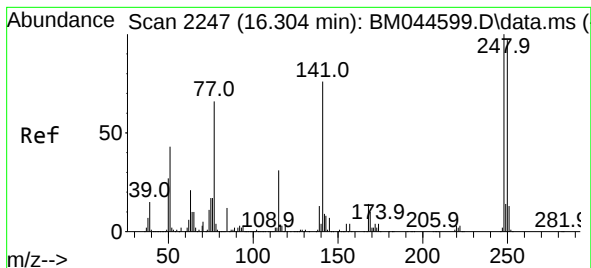
Tgt Ion:198 Resp: 210139
Ion Ratio Lower Upper
198 100
51 56.6 35.0 75.0
105 50.1 28.5 68.5



#66
n-Nitrosodiphenylamine
Concen: 47.581 ng
RT: 15.610 min Scan# 2129
Delta R.T. -0.011 min
Lab File: BM044733.D
Acq: 22 Mar 2024 14:07

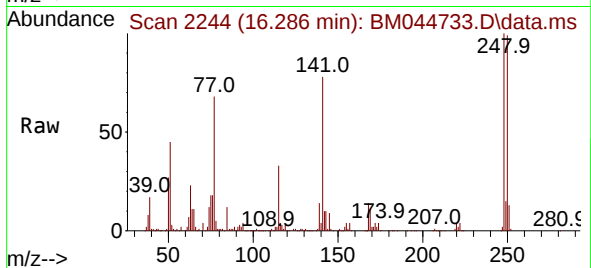
Tgt Ion:169 Resp: 1065024
Ion Ratio Lower Upper
169 100
168 68.2 53.1 79.7
167 37.3 29.5 44.3



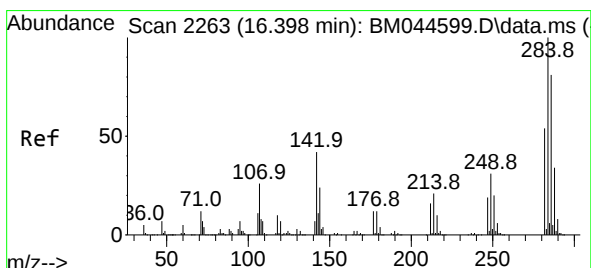
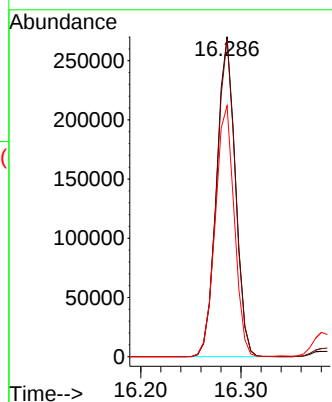
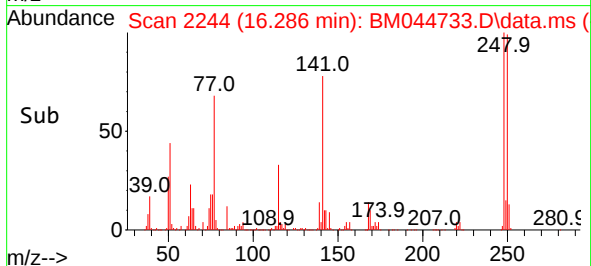


#67
4-Bromophenyl-phenylether
Concen: 47.360 ng
RT: 16.286 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM044733.D
Acq: 22 Mar 2024 14:07

Instrument :
BNA_M
ClientSampleId :
PB159652BS

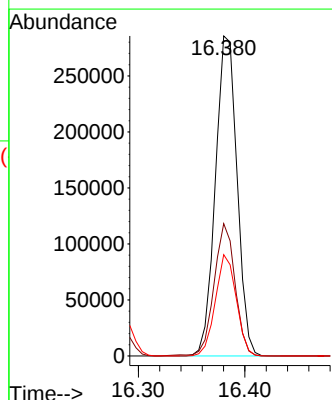
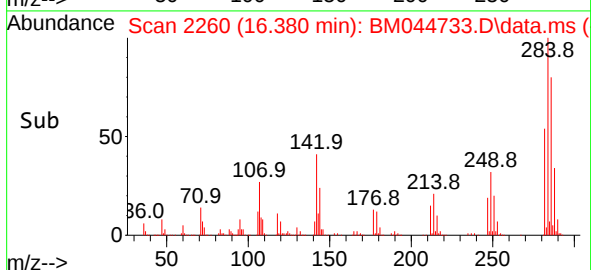
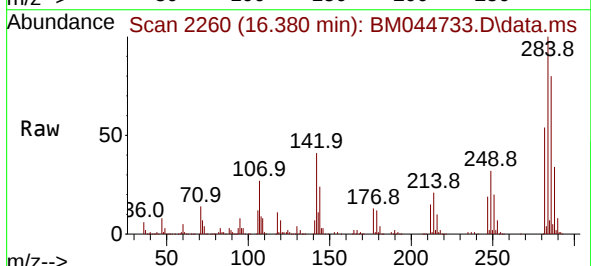


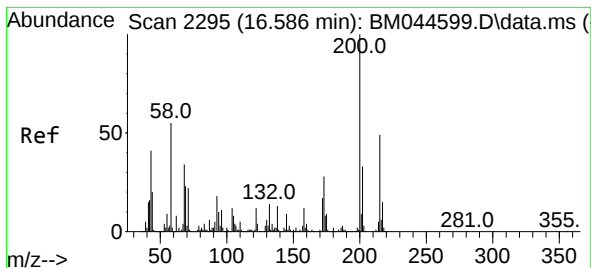
Tgt Ion:248 Resp: 351824
Ion Ratio Lower Upper
248 100
250 99.2 77.8 116.8
141 78.5 60.6 90.8



#68
Hexachlorobenzene
Concen: 51.028 ng
RT: 16.380 min Scan# 2260
Delta R.T. -0.018 min
Lab File: BM044733.D
Acq: 22 Mar 2024 14:07

Tgt Ion:284 Resp: 402954
Ion Ratio Lower Upper
284 100
142 41.3 33.7 50.5
249 31.7 24.8 37.2





#69

Atrazine

Concen: 51.833 ng

RT: 16.574 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM044733.D

Acq: 22 Mar 2024 14:07

Instrument :

BNA_M

ClientSampleId :

PB159652BS

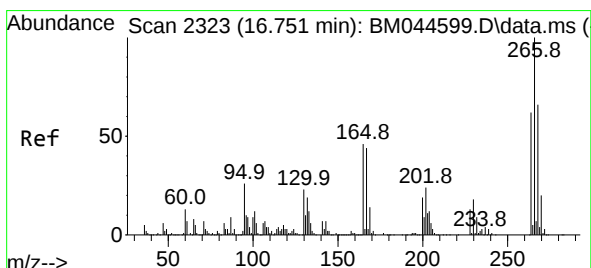
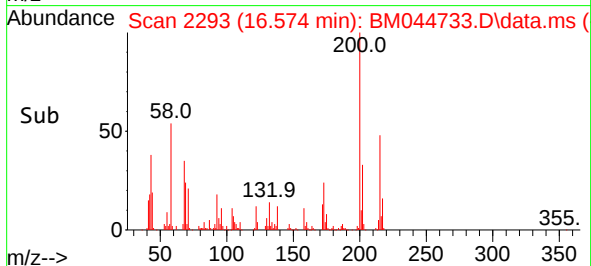
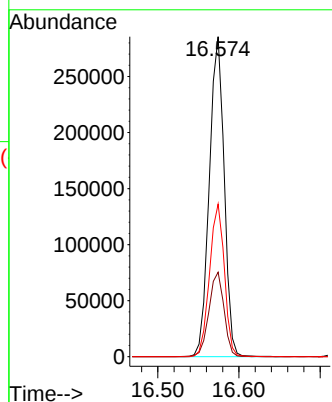
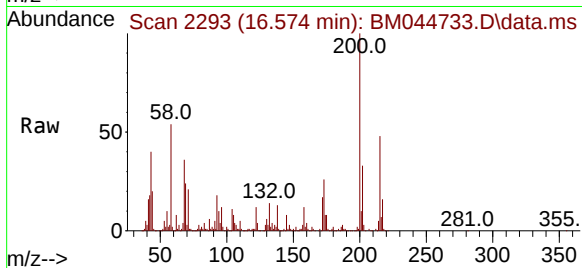
Tgt Ion:200 Resp: 362542

Ion Ratio Lower Upper

200 100

173 26.4 7.7 47.7

215 47.7 28.7 68.7



#70

Pentachlorophenol

Concen: 94.370 ng

RT: 16.739 min Scan# 2321

Delta R.T. -0.012 min

Lab File: BM044733.D

Acq: 22 Mar 2024 14:07

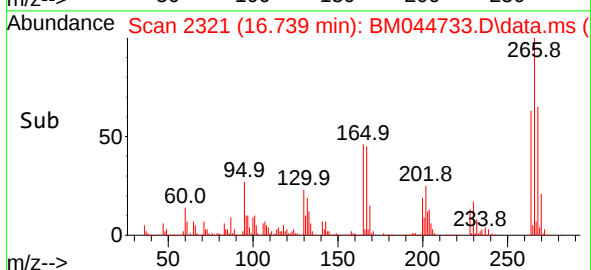
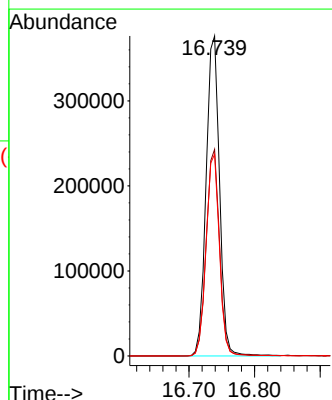
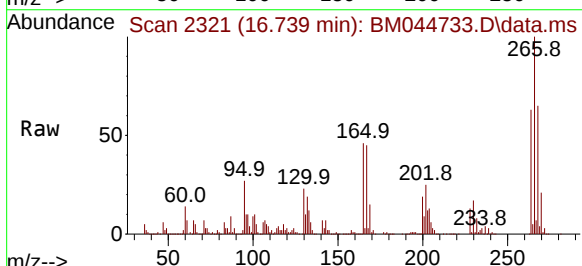
Tgt Ion:266 Resp: 536043

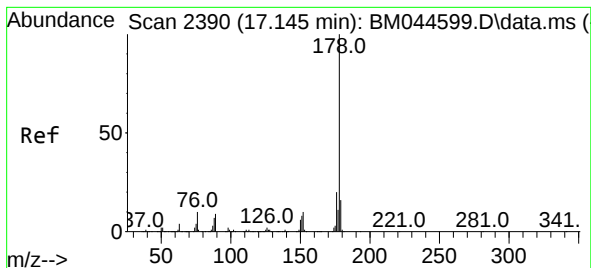
Ion Ratio Lower Upper

266 100

268 64.6 52.4 78.6

264 63.0 49.8 74.8





#71

Phenanthrene

Concen: 47.219 ng

RT: 17.133 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM044733.D

Acq: 22 Mar 2024 14:07

Instrument :

BNA_M

ClientSampleId :

PB159652BS

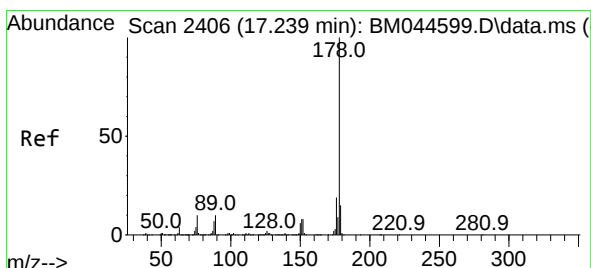
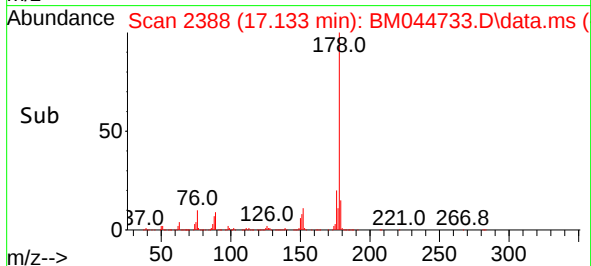
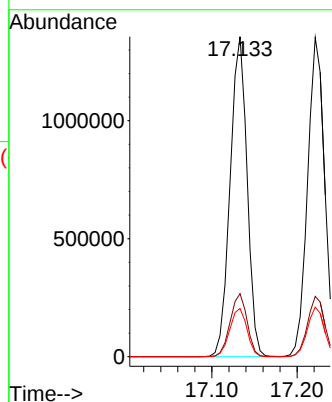
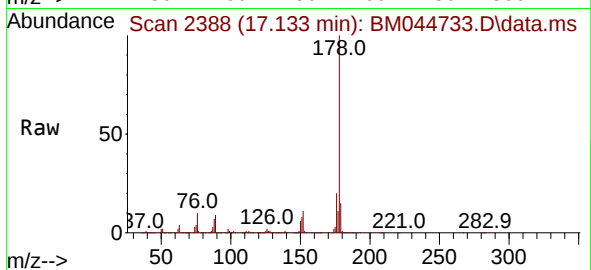
Tgt Ion:178 Resp: 1874095

Ion Ratio Lower Upper

178 100

176 19.7 15.7 23.5

179 15.1 12.4 18.6



#72

Anthracene

Concen: 47.177 ng

RT: 17.221 min Scan# 2403

Delta R.T. -0.018 min

Lab File: BM044733.D

Acq: 22 Mar 2024 14:07

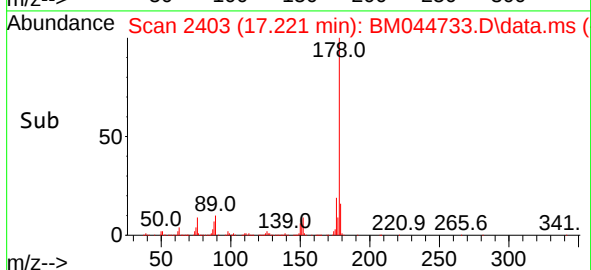
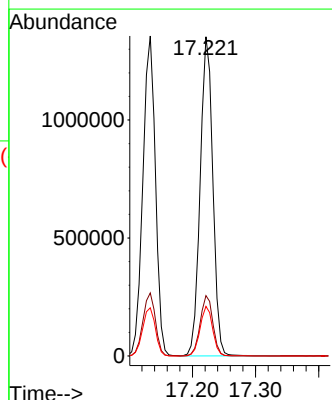
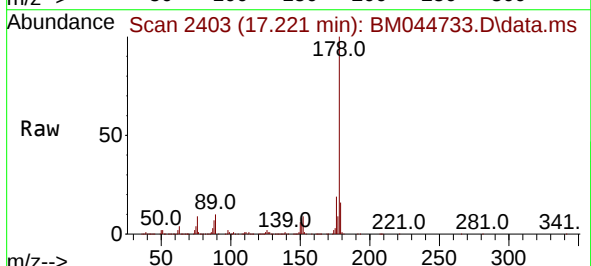
Tgt Ion:178 Resp: 1877957

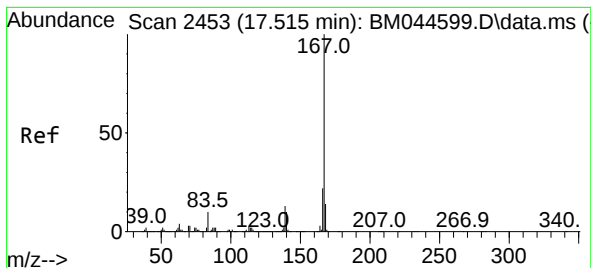
Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

179 15.5 12.2 18.4





#73

Carbazole

Concen: 47.882 ng

RT: 17.504 min Scan# 24

Delta R.T. -0.012 min

Lab File: BM044733.D

Acq: 22 Mar 2024 14:07

Instrument :

BNA_M

ClientSampleId :

PB159652BS

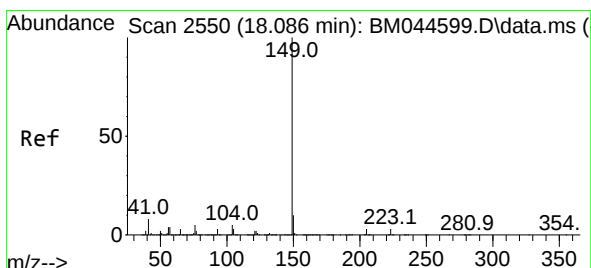
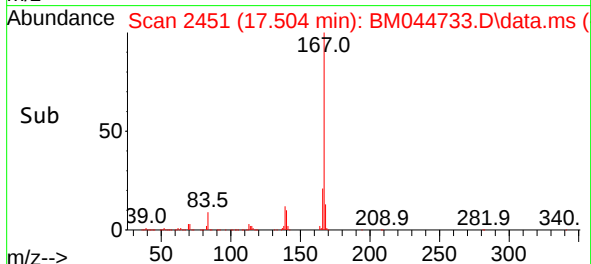
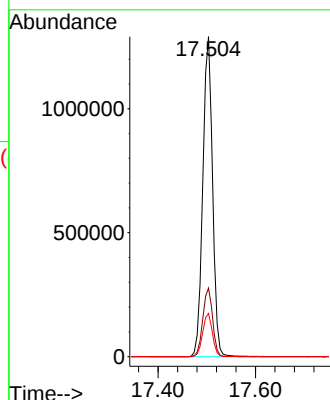
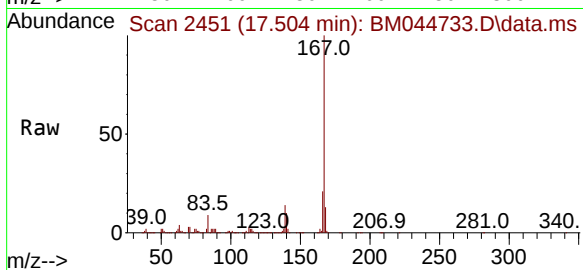
Tgt Ion:167 Resp: 1795127

Ion Ratio Lower Upper

167 100

166 21.4 17.2 25.8

139 13.5 10.6 15.8



#74

Di-n-butylphthalate

Concen: 47.529 ng

RT: 18.074 min Scan# 2548

Delta R.T. -0.012 min

Lab File: BM044733.D

Acq: 22 Mar 2024 14:07

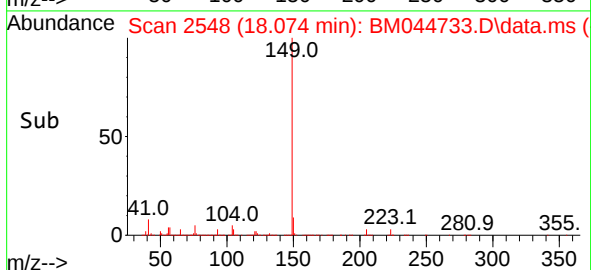
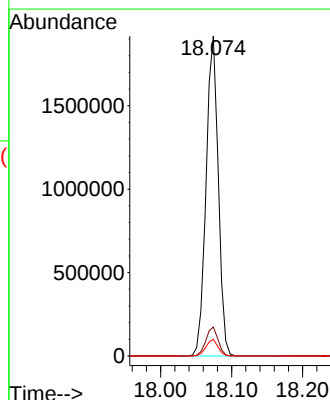
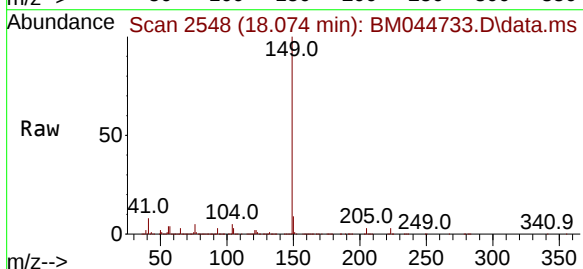
Tgt Ion:149 Resp: 2296050

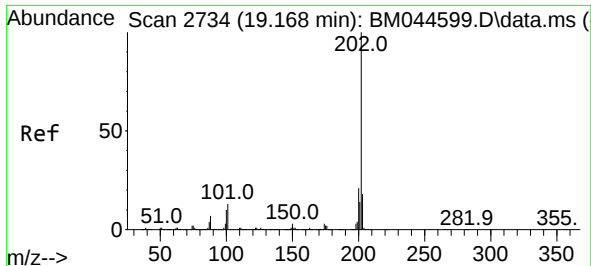
Ion Ratio Lower Upper

149 100

150 9.1 7.6 11.4

104 5.2 4.0 6.0





#75
Fluoranthene
Concen: 46.158 ng
RT: 19.156 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM044733.D
Acq: 22 Mar 2024 14:07

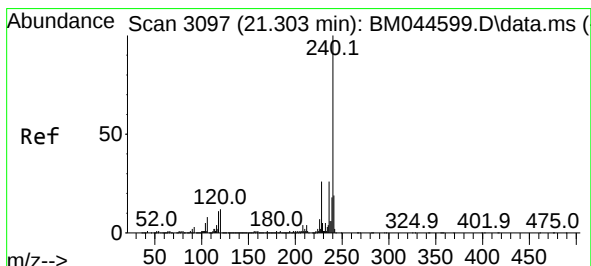
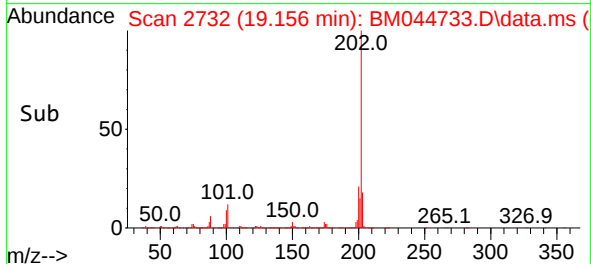
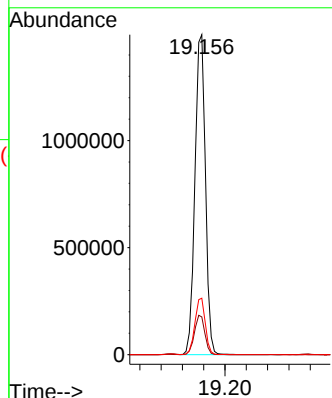
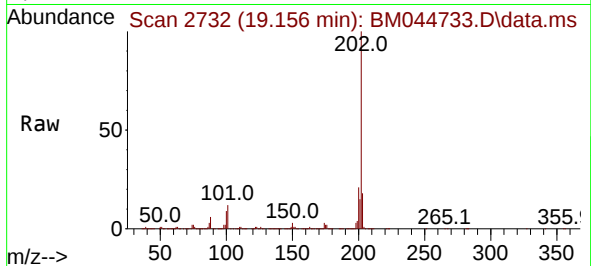
Instrument :

BNA_M

ClientSampleId :

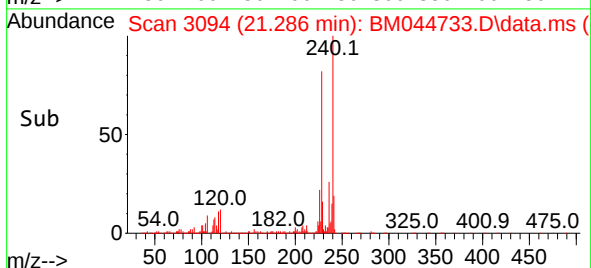
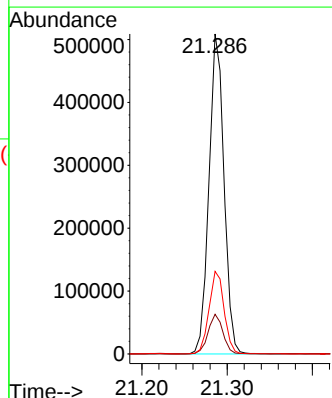
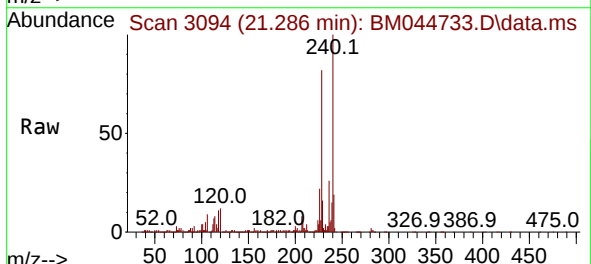
PB159652BS

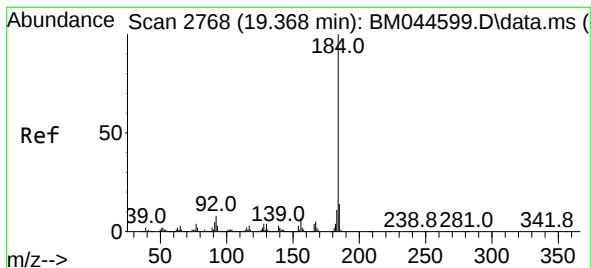
Tgt Ion:202 Resp: 2047893
Ion Ratio Lower Upper
202 100
101 11.8 0.0 33.3
203 17.7 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.286 min Scan# 3094
Delta R.T. -0.018 min
Lab File: BM044733.D
Acq: 22 Mar 2024 14:07

Tgt Ion:240 Resp: 622754
Ion Ratio Lower Upper
240 100
120 12.4 9.7 14.5
236 25.8 21.0 31.4





#77

Benzidine

Concen: 37.609 ng

RT: 19.356 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM044733.D

Acq: 22 Mar 2024 14:07

Instrument :

BNA_M

ClientSampleId :

PB159652BS

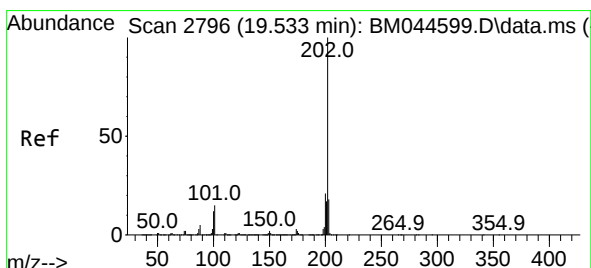
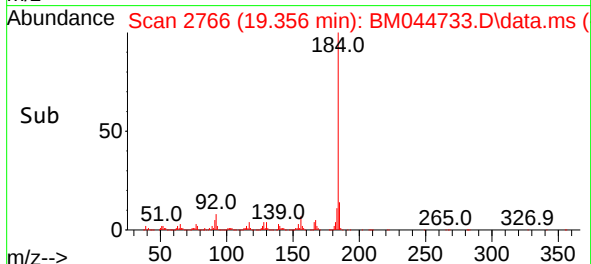
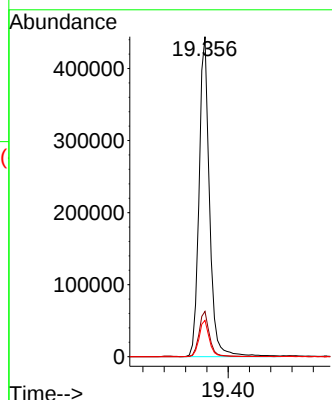
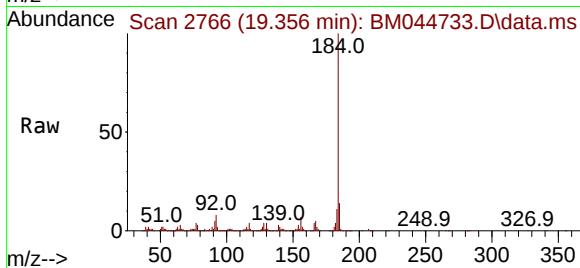
Tgt Ion:184 Resp: 605318

Ion Ratio Lower Upper

184 100

185 14.2 11.0 16.6

183 11.3 8.7 13.1



#78

Pyrene

Concen: 47.451 ng

RT: 19.515 min Scan# 2793

Delta R.T. -0.018 min

Lab File: BM044733.D

Acq: 22 Mar 2024 14:07

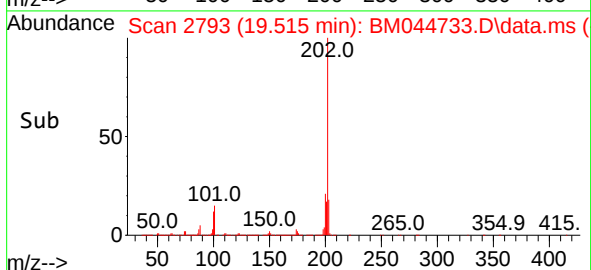
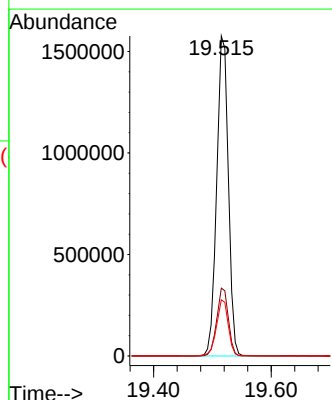
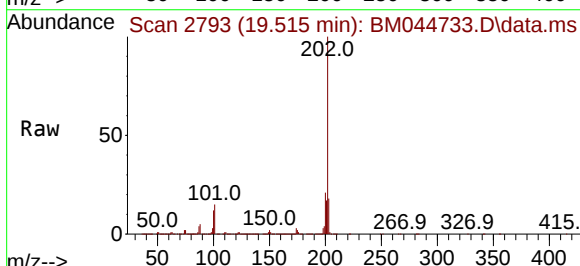
Tgt Ion:202 Resp: 2165821

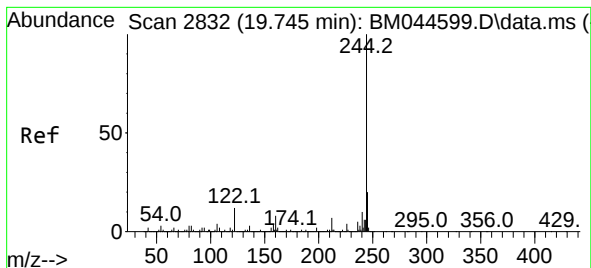
Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.4

203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 92.826 ng

RT: 19.733 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM044733.D

Acq: 22 Mar 2024 14:07

Instrument :

BNA_M

ClientSampleId :

PB159652BS

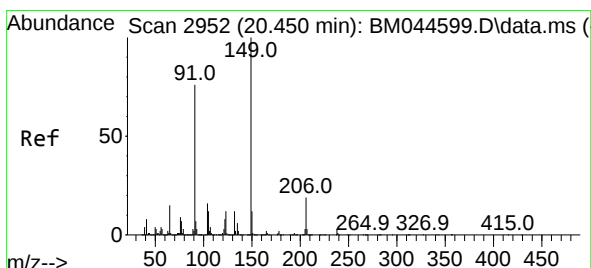
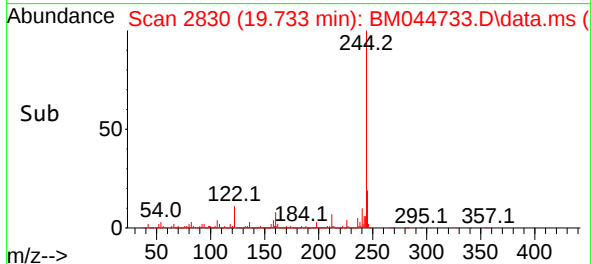
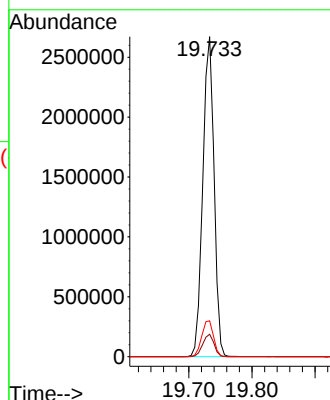
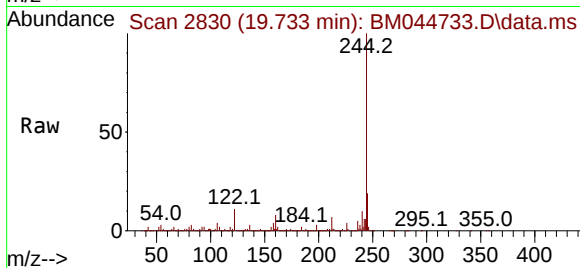
Tgt Ion:244 Resp: 3304533

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 11.2 9.7 14.5



#80

Butylbenzylphthalate

Concen: 48.254 ng

RT: 20.439 min Scan# 2950

Delta R.T. -0.012 min

Lab File: BM044733.D

Acq: 22 Mar 2024 14:07

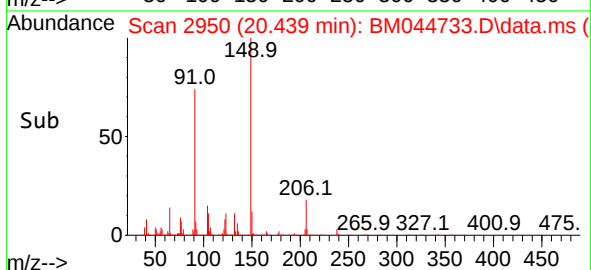
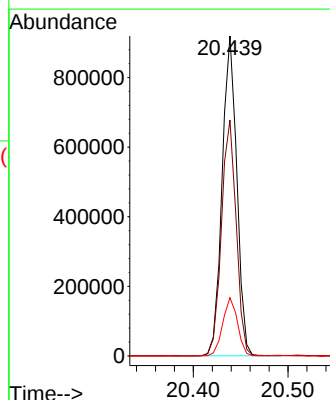
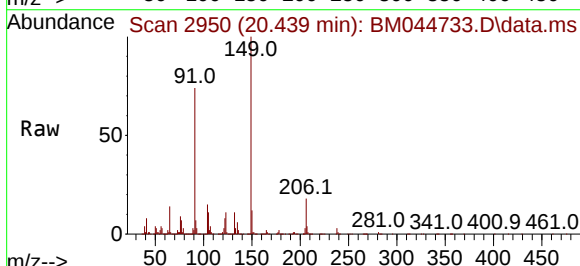
Tgt Ion:149 Resp: 992601

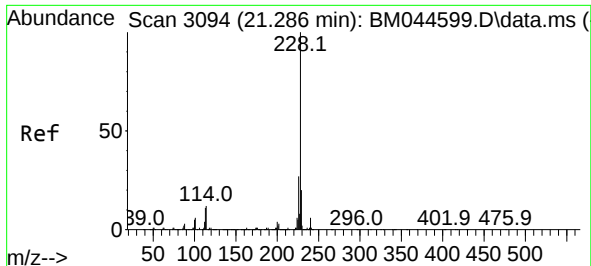
Ion Ratio Lower Upper

149 100

91 73.7 61.0 91.6

206 18.2 15.0 22.6

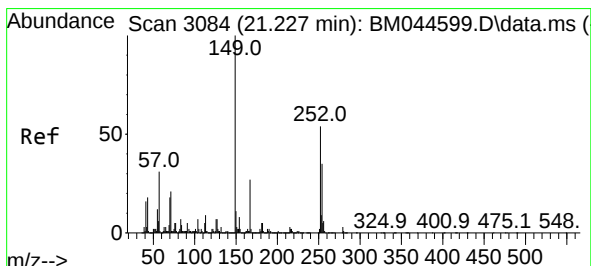
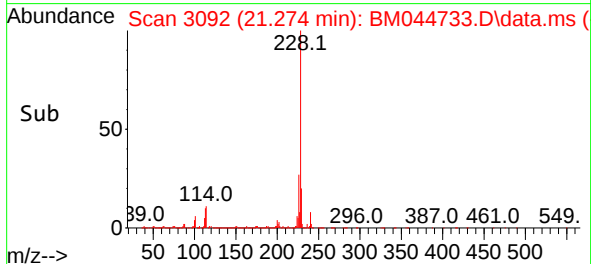
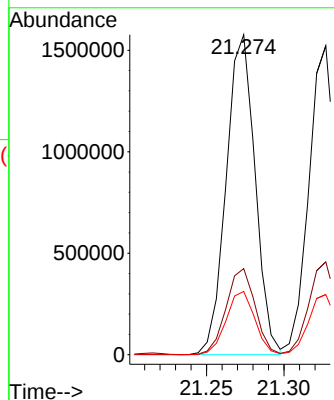
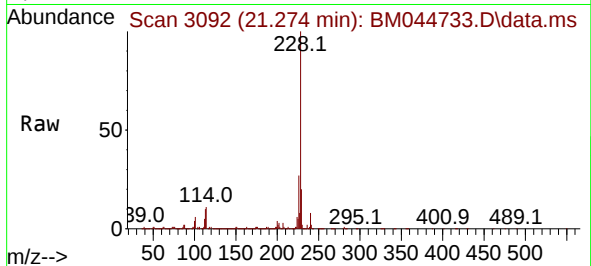




#81
Benzo(a)anthracene
Concen: 47.143 ng
RT: 21.274 min Scan# 3094
Delta R.T. -0.012 min
Lab File: BM044733.D
Acq: 22 Mar 2024 14:07

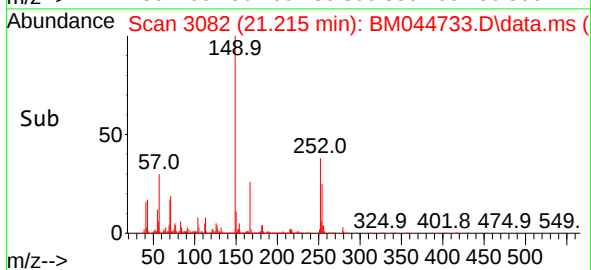
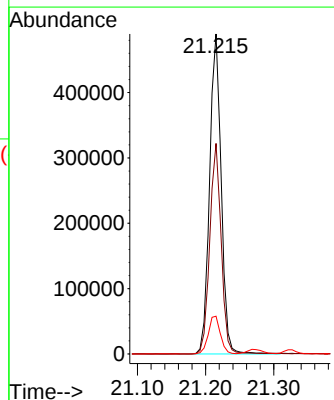
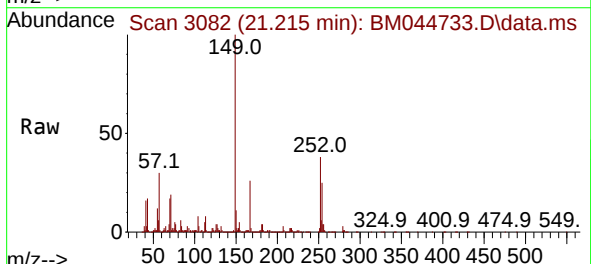
Instrument :
BNA_M
ClientSampleId :
PB159652BS

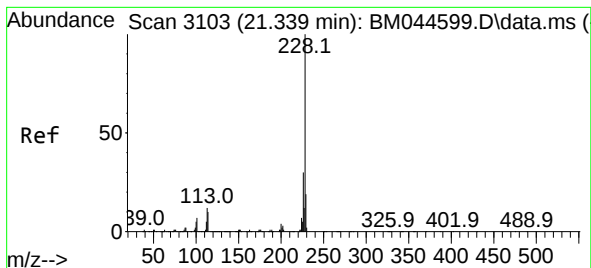
Tgt Ion:228 Resp: 2042769
Ion Ratio Lower Upper
228 100
226 26.9 21.9 32.9
229 19.7 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 38.868 ng
RT: 21.215 min Scan# 3082
Delta R.T. -0.012 min
Lab File: BM044733.D
Acq: 22 Mar 2024 14:07

Tgt Ion:252 Resp: 580042
Ion Ratio Lower Upper
252 100
254 65.8 51.4 77.0
126 11.8 9.8 14.6





#83

Chrysene

Concen: 45.825 ng

RT: 21.327 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM044733.D

Acq: 22 Mar 2024 14:07

Instrument :

BNA_M

ClientSampleId :

PB159652BS

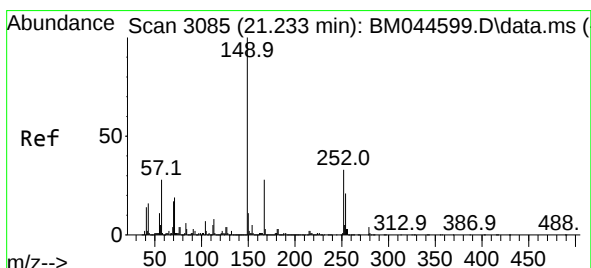
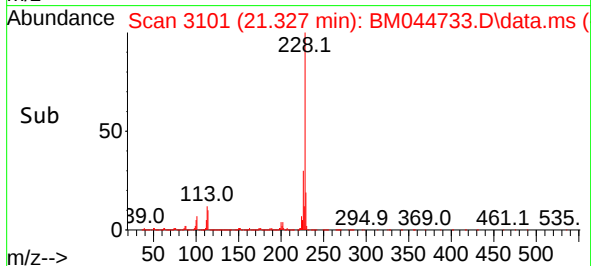
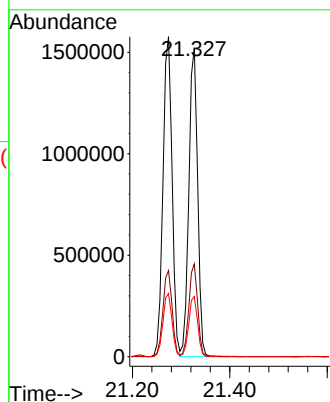
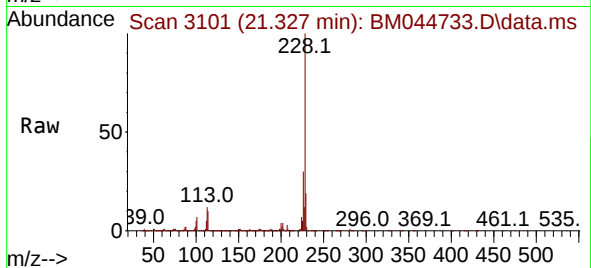
Tgt Ion:228 Resp: 1897426

Ion Ratio Lower Upper

228 100

226 30.0 23.6 35.4

229 19.5 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.280 ng

RT: 21.221 min Scan# 3083

Delta R.T. -0.012 min

Lab File: BM044733.D

Acq: 22 Mar 2024 14:07

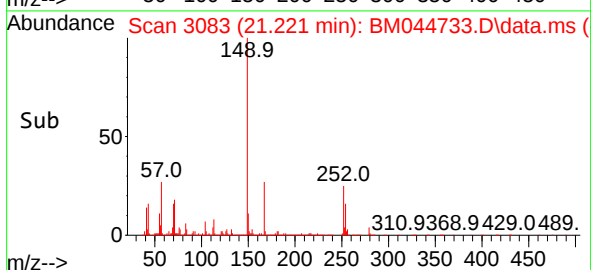
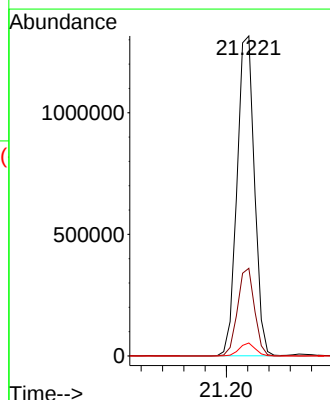
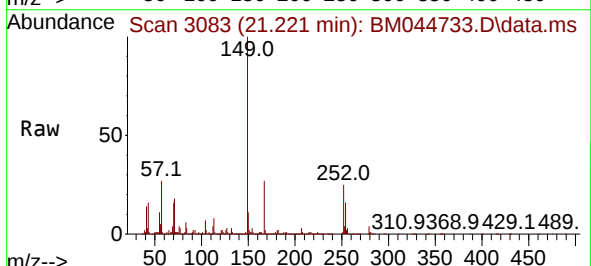
Tgt Ion:149 Resp: 1496212

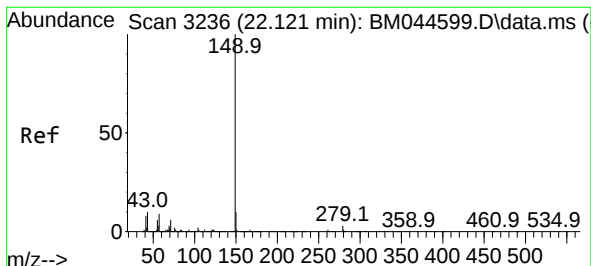
Ion Ratio Lower Upper

149 100

167 27.4 22.1 33.1

279 4.1 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 47.845 ng

RT: 22.109 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM044733.D

Acq: 22 Mar 2024 14:07

Instrument :

BNA_M

ClientSampleId :

PB159652BS

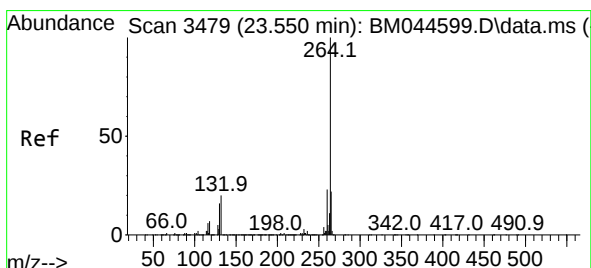
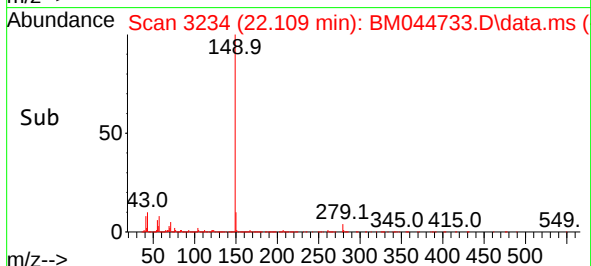
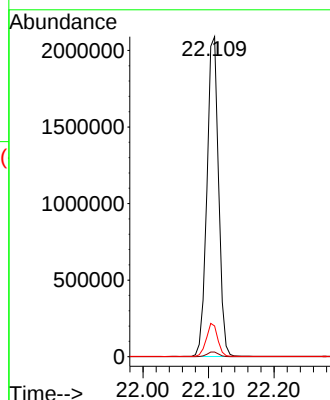
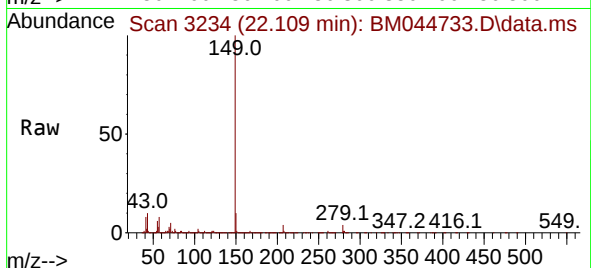
Tgt Ion:149 Resp: 2571926

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.2 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.527 min Scan# 3475

Delta R.T. -0.023 min

Lab File: BM044733.D

Acq: 22 Mar 2024 14:07

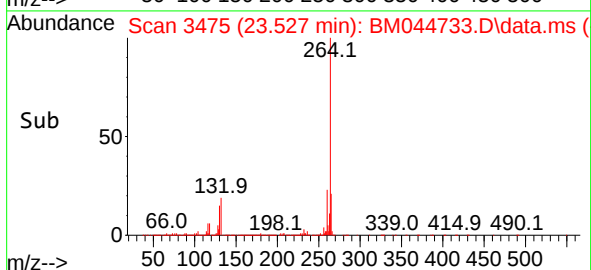
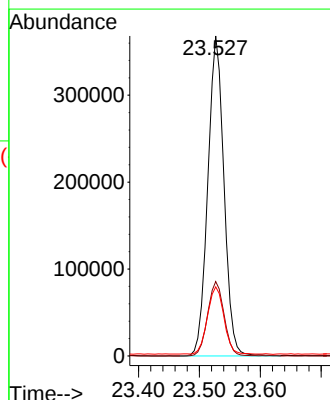
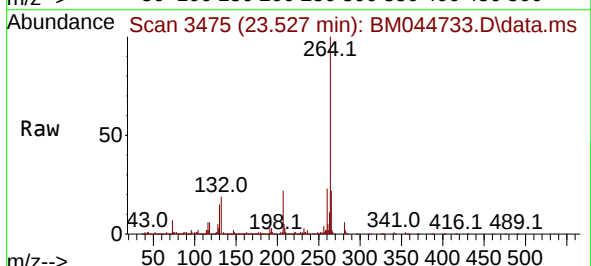
Tgt Ion:264 Resp: 678886

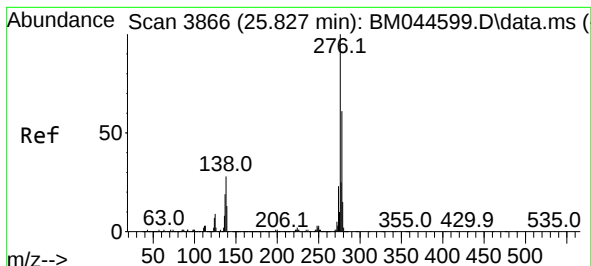
Ion Ratio Lower Upper

264 100

260 23.3 18.3 27.5

265 21.6 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.296 ng

RT: 25.797 min Scan# 3

Delta R.T. -0.029 min

Lab File: BM044733.D

Acq: 22 Mar 2024 14:07

Instrument :

BNA_M

ClientSampleId :

PB159652BS

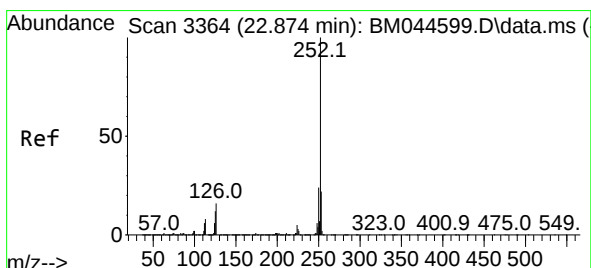
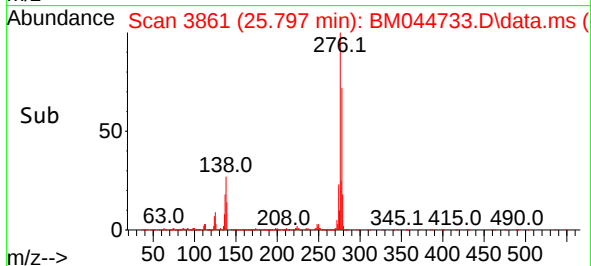
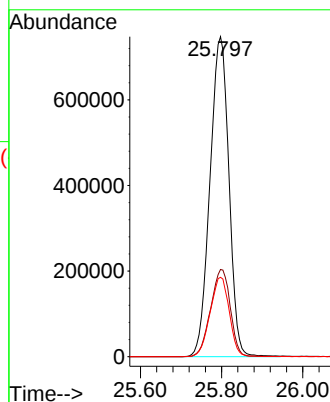
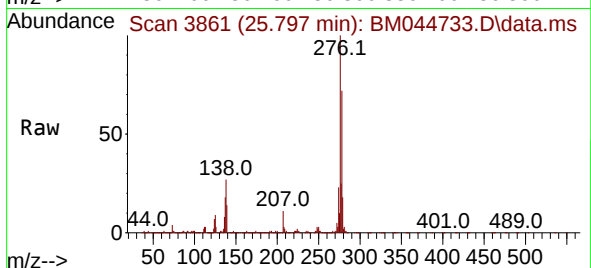
Tgt Ion:276 Resp: 2419333

Ion Ratio Lower Upper

276 100

138 28.3 23.6 35.4

277 25.1 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 52.144 ng

RT: 22.856 min Scan# 3361

Delta R.T. -0.018 min

Lab File: BM044733.D

Acq: 22 Mar 2024 14:07

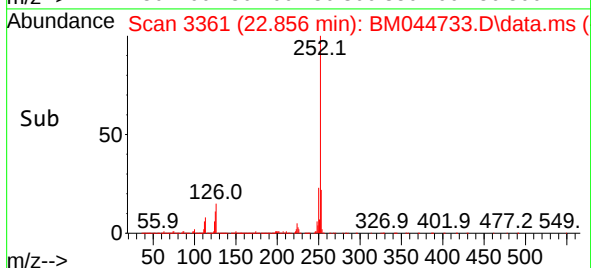
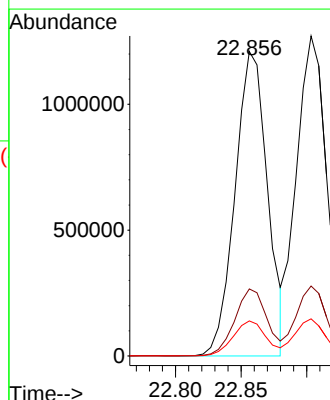
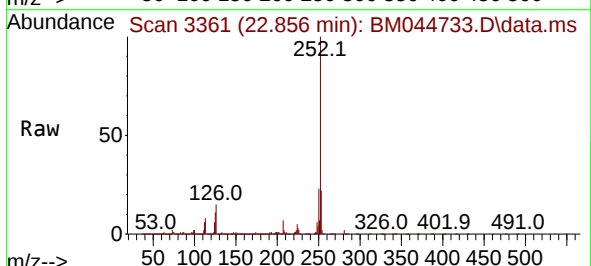
Tgt Ion:252 Resp: 2080336

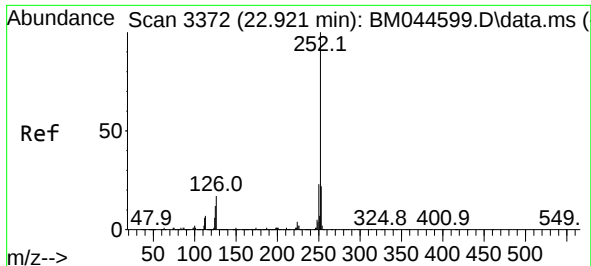
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

125 11.5 9.6 14.4

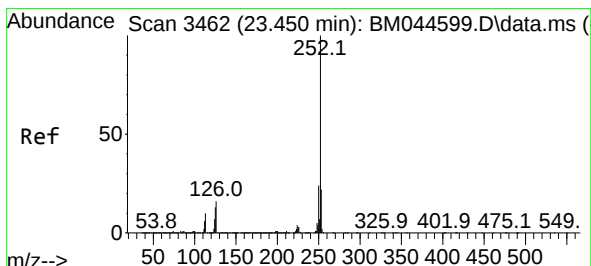
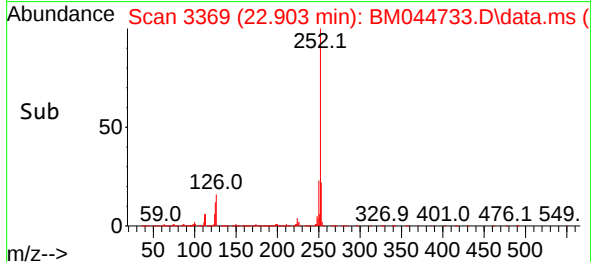
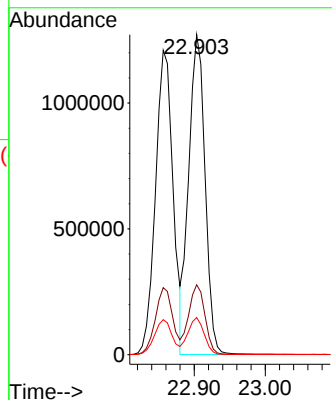
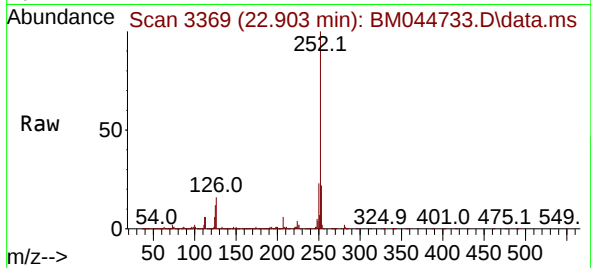




#89
Benzo(k)fluoranthene
Concen: 49.621 ng
RT: 22.903 min Scan# 31
Delta R.T. -0.018 min
Lab File: BM044733.D
Acq: 22 Mar 2024 14:07

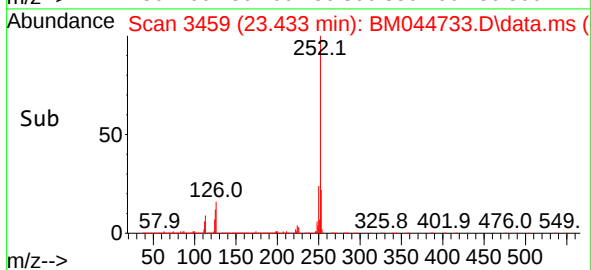
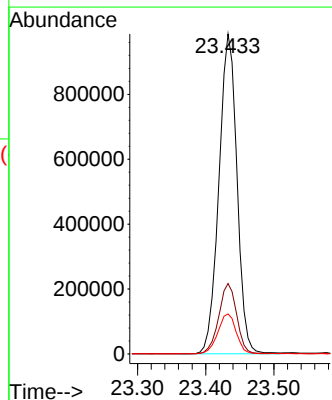
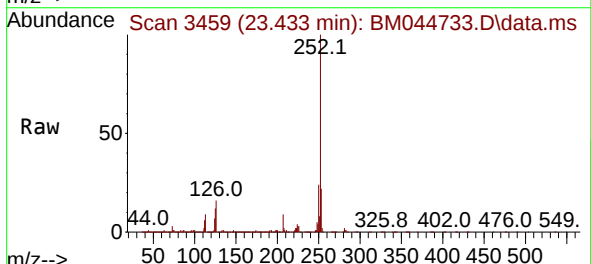
Instrument :
BNA_M
ClientSampleId :
PB159652BS

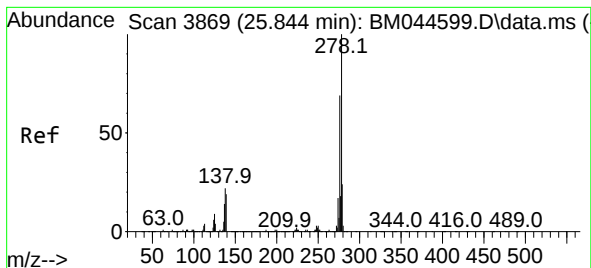
Tgt Ion:252 Resp: 2035180
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 11.6 9.4 14.0



#90
Benzo(a)pyrene
Concen: 46.701 ng
RT: 23.433 min Scan# 3459
Delta R.T. -0.018 min
Lab File: BM044733.D
Acq: 22 Mar 2024 14:07

Tgt Ion:252 Resp: 1817278
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 12.5 10.5 15.7





#91

Dibenzo(a,h)anthracene

Concen: 49.554 ng

RT: 25.815 min Scan# 31

Delta R.T. -0.029 min

Lab File: BM044733.D

Acq: 22 Mar 2024 14:07

Instrument :

BNA_M

ClientSampleId :

PB159652BS

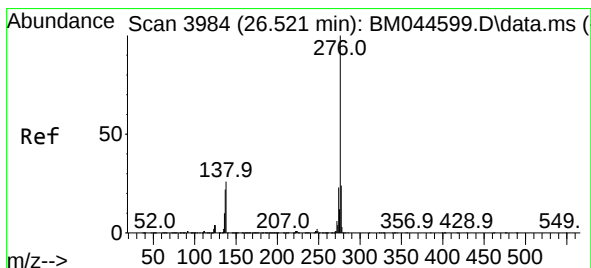
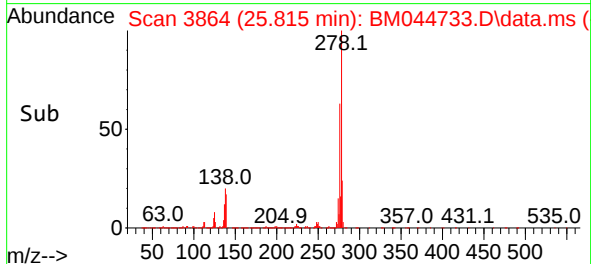
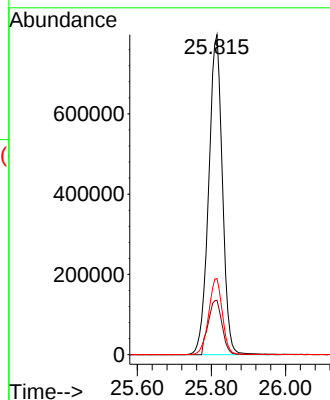
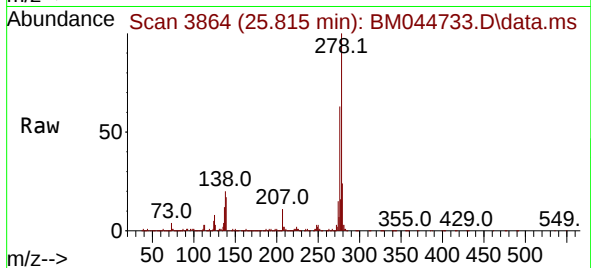
Tgt Ion:278 Resp: 2050256

Ion Ratio Lower Upper

278 100

139 17.0 15.0 22.6

279 23.8 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 48.558 ng

RT: 26.485 min Scan# 3978

Delta R.T. -0.035 min

Lab File: BM044733.D

Acq: 22 Mar 2024 14:07

Tgt Ion:276 Resp: 1977704

Ion Ratio Lower Upper

276 100

277 23.8 19.3 28.9

138 24.5 20.7 31.1

