

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032324\
 Data File : BM044739.D
 Acq On : 22 Mar 2024 17:50
 Operator : MA/JU
 Sample : P159682BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB159682BS

Quant Time: Mar 22 18:22:15 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	187517	20.000	ng	-0.02
21) Naphthalene-d8	10.463	136	708573	20.000	ng	-0.02
39) Acenaphthene-d10	14.327	164	376713	20.000	ng	-0.02
64) Phenanthrene-d10	17.086	188	684205	20.000	ng	-0.02
76) Chrysene-d12	21.286	240	588703	20.000	ng	-0.02
86) Perylene-d12	23.527	264	664511	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	1753701	134.277	ng	0.00
7) Phenol-d6	6.875	99	2115114	125.884	ng	0.00
23) Nitrobenzene-d5	8.851	82	1301788	88.508	ng	-0.01
42) 2,4,6-Tribromophenol	15.833	330	578604	139.255	ng	-0.01
45) 2-Fluorobiphenyl	12.945	172	2449315	89.544	ng	-0.02
79) Terphenyl-d14	19.727	244	3108148	92.360	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	206509	37.619	ng	94
3) Pyridine	3.681	79	527509	34.748	ng	95
4) n-Nitrosodimethylamine	3.610	42	283614	46.618	ng	87
6) Aniline	7.034	93	436745	21.947	ng	99
8) 2-Chlorophenol	7.257	128	611438	47.003	ng	99
9) Benzaldehyde	6.851	77	158222	17.980	ng	98
10) Phenol	6.898	94	761910	45.405	ng	97
11) bis(2-Chloroethyl)ether	7.134	93	600636	43.839	ng	98
12) 1,3-Dichlorobenzene	7.575	146	663184	47.413	ng	99
13) 1,4-Dichlorobenzene	7.722	146	674564	47.850	ng	99
14) 1,2-Dichlorobenzene	8.034	146	643120	47.837	ng	100
15) Benzyl Alcohol	7.940	79	501576	45.406	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.204	45	880231	46.339	ng	98
17) 2-Methylphenol	8.134	107	483162	42.219	ng	98
18) Hexachloroethane	8.745	117	261590	50.193	ng	99
19) n-Nitroso-di-n-propyla...	8.498	70	395074	38.502	ng	96
20) 3+4-Methylphenols	8.463	107	654335	42.369	ng	99
22) Acetophenone	8.516	105	867486	46.600	ng	# 98
24) Nitrobenzene	8.892	77	653460	44.945	ng	99
25) Isophorone	9.410	82	1158500	45.652	ng	100
26) 2-Nitrophenol	9.592	139	310626	49.512	ng	99
27) 2,4-Dimethylphenol	9.651	122	402539	36.485	ng	98
28) bis(2-Chloroethoxy)met...	9.898	93	738890	43.846	ng	99
29) 2,4-Dichlorophenol	10.116	162	501917	47.732	ng	99
30) 1,2,4-Trichlorobenzene	10.328	180	537066	48.010	ng	100
31) Naphthalene	10.516	128	1756808	45.177	ng	100
32) Benzoic acid	9.804	122	324548	37.699	ng	99
33) 4-Chloroaniline	10.639	127	328762	20.152	ng	99
34) Hexachlorobutadiene	10.781	225	303607	48.677	ng	99
35) Caprolactam	11.445	113	90861	26.787	ng	99
36) 4-Chloro-3-methylphenol	11.763	107	512913	44.452	ng	100
37) 2-Methylnaphthalene	12.133	142	1127763	42.728	ng	98
38) 1-Methylnaphthalene	12.351	142	1038413	42.214	ng	98
40) 1,2,4,5-Tetrachloroben...	12.498	216	521148	48.750	ng	99
41) Hexachlorocyclopentadiene	12.469	237	671952	110.335	ng	99
43) 2,4,6-Trichlorophenol	12.751	196	354188	49.067	ng	98

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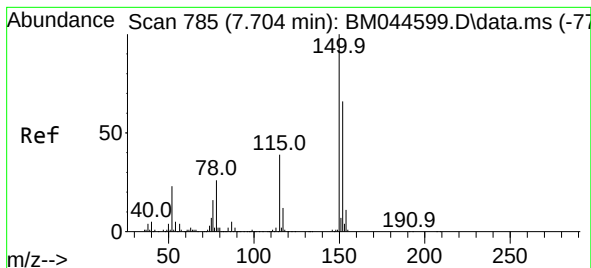
Quant Time: Mar 22 18:22:15 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.822	196	375644	43.918	ng	98
46) 1,1'-Biphenyl	13.157	154	1376719	46.727	ng	99
47) 2-Chloronaphthalene	13.198	162	1045269	47.976	ng	98
48) 2-Nitroaniline	13.422	65	342213	46.292	ng	99
49) Acenaphthylene	14.051	152	1714055	48.294	ng	100
50) Dimethylphthalate	13.804	163	1244141	44.154	ng	100
51) 2,6-Dinitrotoluene	13.927	165	266023	45.337	ng	99
52) Acenaphthene	14.398	154	954577	44.492	ng	99
53) 3-Nitroaniline	14.257	138	190271	27.692	ng	97
54) 2,4-Dinitrophenol	14.469	184	315985	82.179	ng	96
55) Dibenzofuran	14.733	168	1512518	44.419	ng	99
56) 4-Nitrophenol	14.569	139	509872	90.356	ng	94
57) 2,4-Dinitrotoluene	14.716	165	362738	47.312	ng	93
58) Fluorene	15.386	166	1188513	44.821	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.963	232	304490	45.852	ng	99
60) Diethylphthalate	15.174	149	1258044	44.105	ng	100
61) 4-Chlorophenyl-phenyle...	15.386	204	567055	44.545	ng	100
62) 4-Nitroaniline	15.427	138	276952	40.352	ng	96
63) Azobenzene	15.680	77	1339832	45.441	ng	99
65) 4,6-Dinitro-2-methylph...	15.480	198	203963	47.534	ng	97
66) n-Nitrosodiphenylamine	15.604	169	1014195	47.562	ng	99
67) 4-Bromophenyl-phenylether	16.280	248	332938	47.044	ng	95
68) Hexachlorobenzene	16.380	284	384407	51.098	ng	99
69) Atrazine	16.568	200	329416	49.437	ng	100
70) Pentachlorophenol	16.733	266	528460	97.657	ng	99
71) Phenanthrene	17.127	178	1762177	46.605	ng	99
72) Anthracene	17.221	178	1785817	47.092	ng	100
73) Carbazole	17.498	167	1690340	47.327	ng	99
74) Di-n-butylphthalate	18.068	149	2133469	46.358	ng	99
75) Fluoranthene	19.151	202	1907165	45.122	ng	98
77) Benzidine	19.351	184	762026	50.083	ng	99
78) Pyrene	19.515	202	2025469	46.943	ng	99
80) Butylbenzylphthalate	20.433	149	938051	48.240	ng	97
81) Benzo(a)anthracene	21.268	228	1942518	47.422	ng	99
82) 3,3'-Dichlorobenzidine	21.215	252	535121	37.931	ng	99
83) Chrysene	21.321	228	1818336	46.455	ng	99
84) Bis(2-ethylhexyl)phtha...	21.215	149	1389509	47.431	ng	99
85) Di-n-octyl phthalate	22.103	149	2403701	47.302	ng	100
87) Indeno(1,2,3-cd)pyrene	25.791	276	2318890	48.272	ng	98
88) Benzo(b)fluoranthene	22.856	252	1996771	51.132	ng	99
89) Benzo(k)fluoranthene	22.903	252	1865155	46.459	ng	99
90) Benzo(a)pyrene	23.427	252	1818432	47.741	ng	100
91) Dibenzo(a,h)anthracene	25.809	278	1914520	47.274	ng	98
92) Benzo(g,h,i)perylene	26.480	276	1811126	45.430	ng	98

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

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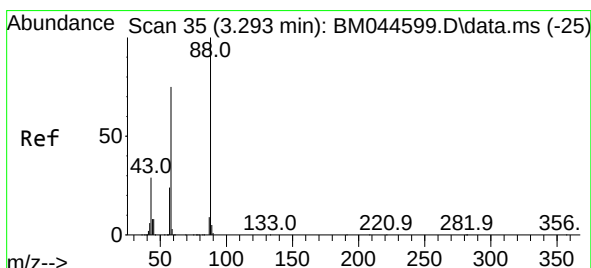
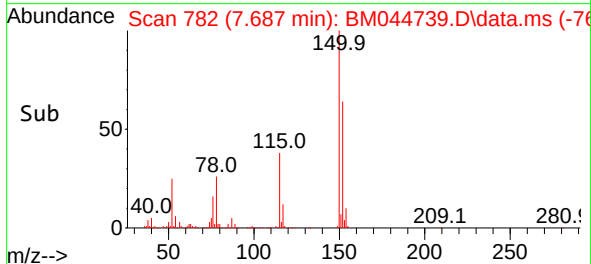
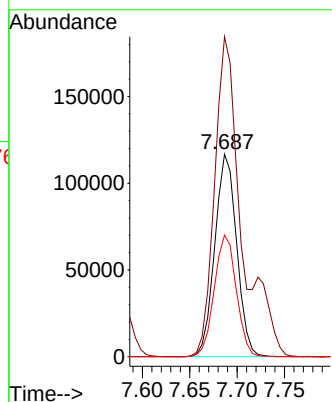
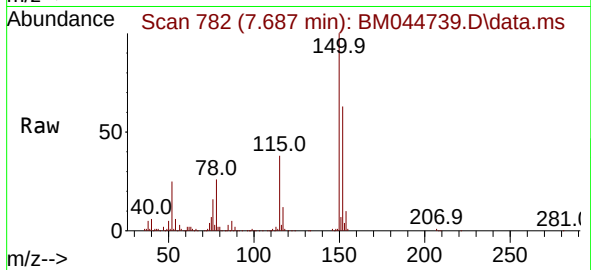




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.687 min Scan# 71
 Delta R.T. -0.017 min
 Lab File: BM044739.D
 Acq: 22 Mar 2024 17:50

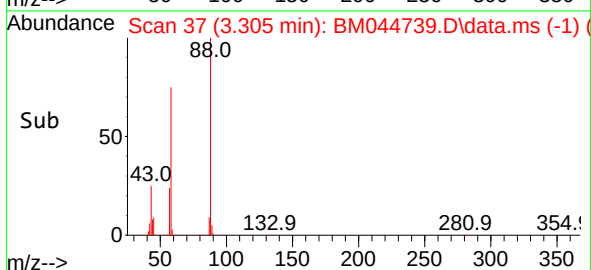
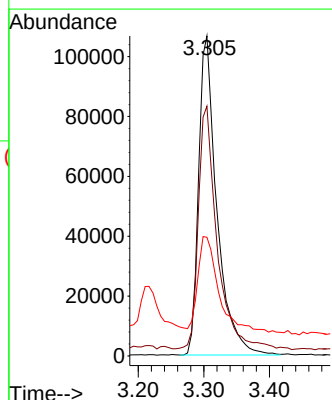
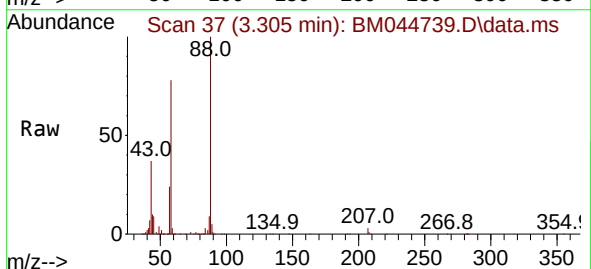
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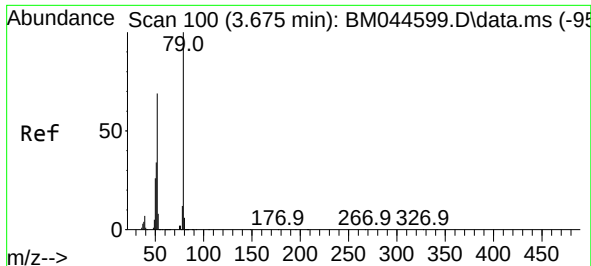
Tgt Ion:152 Resp: 187517
 Ion Ratio Lower Upper
 152 100
 150 158.0 121.9 182.9
 115 60.0 47.1 70.7



#2
 1,4-Dioxane
 Concen: 37.619 ng
 RT: 3.305 min Scan# 37
 Delta R.T. 0.012 min
 Lab File: BM044739.D
 Acq: 22 Mar 2024 17:50

Tgt Ion: 88 Resp: 206509
 Ion Ratio Lower Upper
 88 100
 58 79.2 60.2 90.2
 43 35.1 23.5 35.3

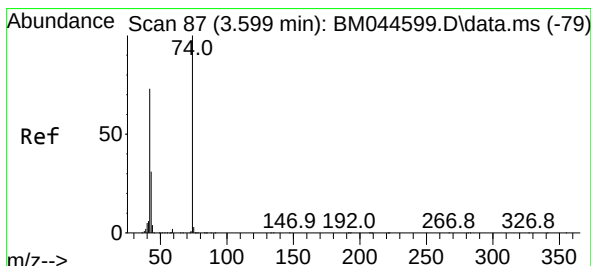
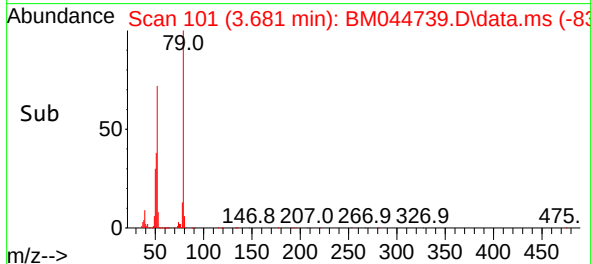
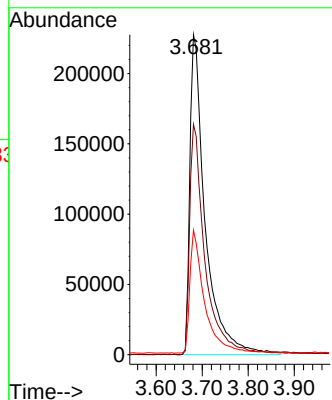
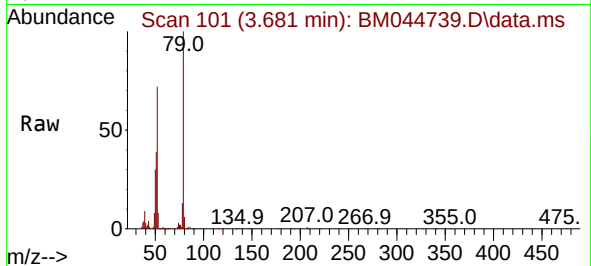




#3
Pyridine
Concen: 34.748 ng
RT: 3.681 min Scan# 10
Delta R.T. 0.006 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

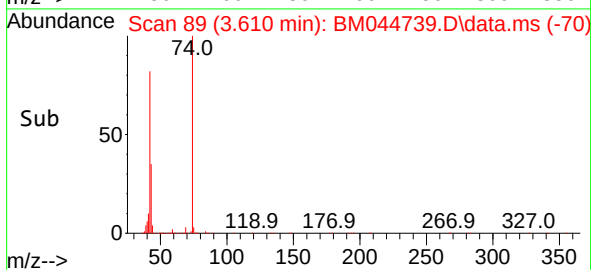
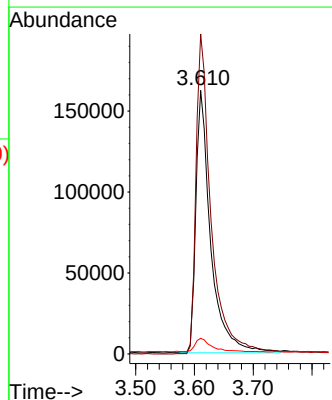
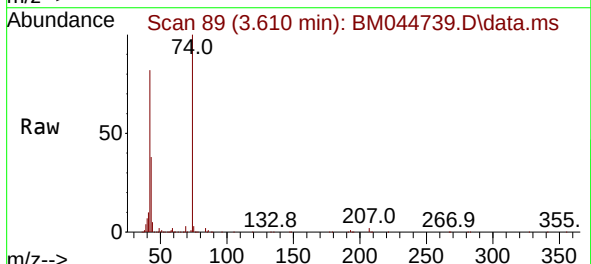
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ClientSampleId :
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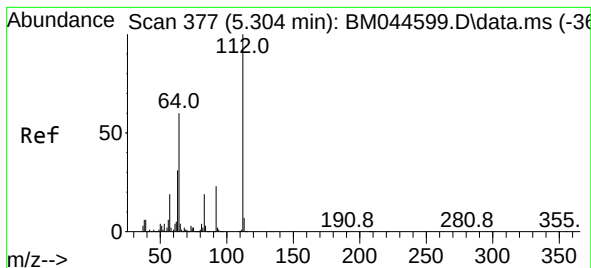
Tgt Ion: 79 Resp: 527509
Ion Ratio Lower Upper
79 100
52 72.0 55.5 83.3
51 38.9 27.7 41.5



#4
n-Nitrosodimethylamine
Concen: 46.618 ng
RT: 3.610 min Scan# 89
Delta R.T. 0.012 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

Tgt Ion: 42 Resp: 283614
Ion Ratio Lower Upper
42 100
74 121.4 109.7 164.5
44 6.0 5.4 8.0

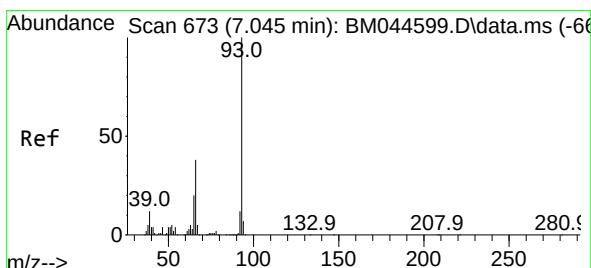
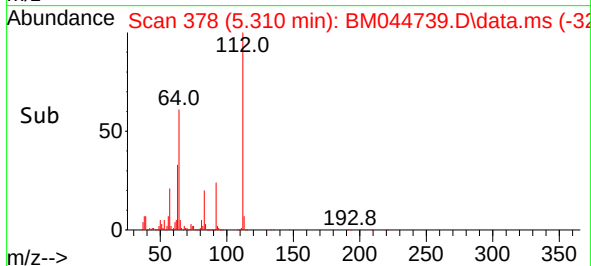
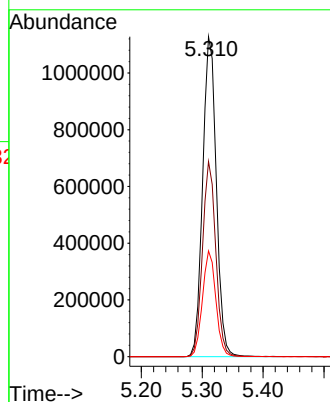
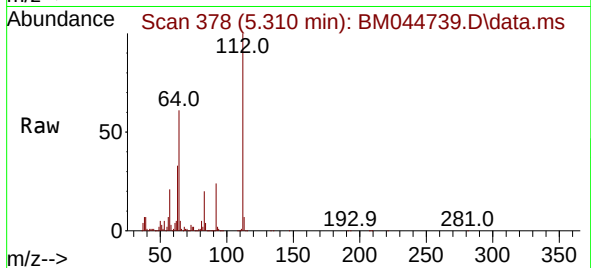




#5
2-Fluorophenol
Concen: 134.277 ng
RT: 5.310 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

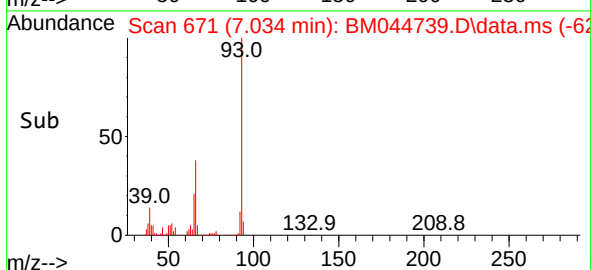
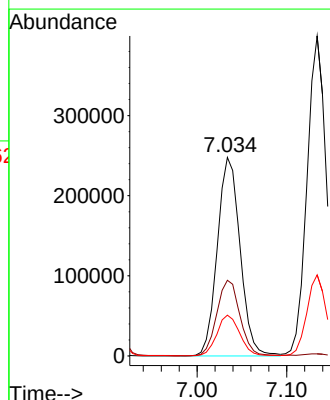
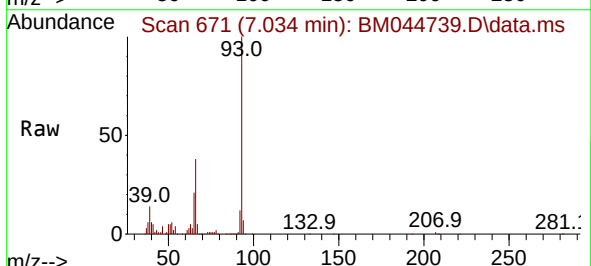
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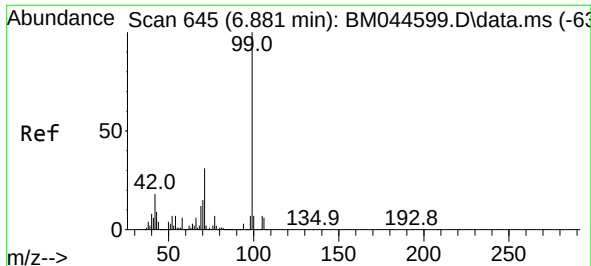
Tgt Ion:112 Resp: 1753701
Ion Ratio Lower Upper
112 100
64 61.0 47.9 71.9
63 33.1 25.0 37.4



#6
Aniline
Concen: 21.947 ng
RT: 7.034 min Scan# 671
Delta R.T. -0.012 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

Tgt Ion: 93 Resp: 436745
Ion Ratio Lower Upper
93 100
66 38.1 30.3 45.5
65 20.5 15.7 23.5

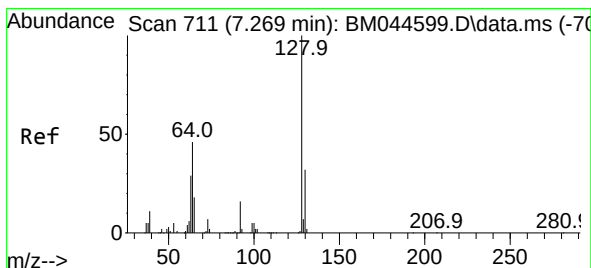
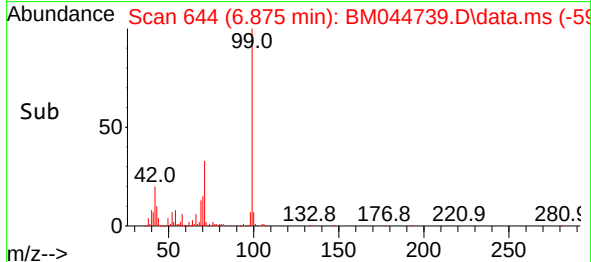
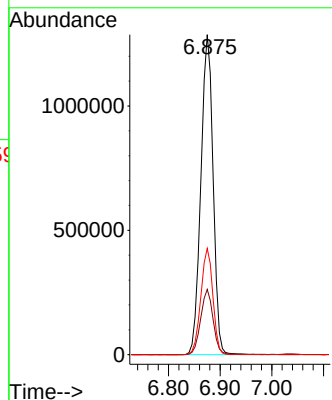
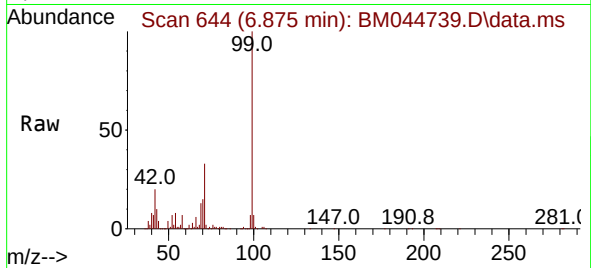




#7
Phenol-d6
Concen: 125.884 ng
RT: 6.875 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

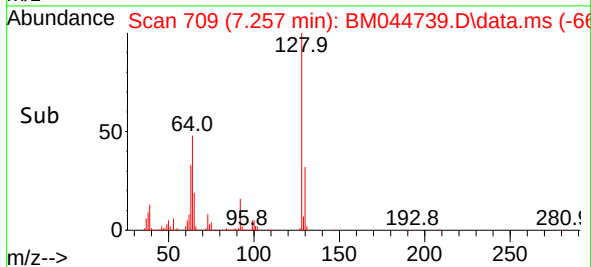
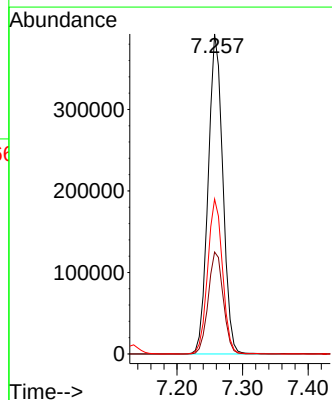
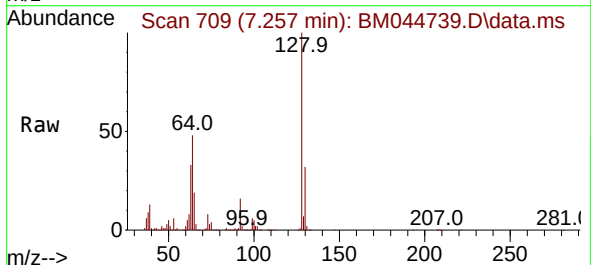
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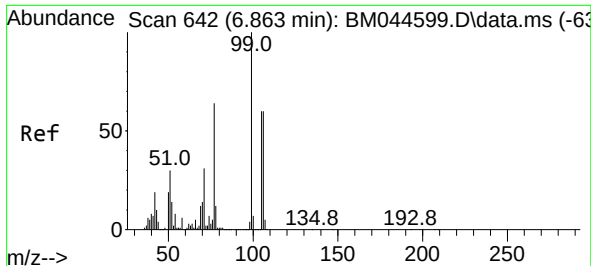
Tgt Ion: 99 Resp: 2115114
Ion Ratio Lower Upper
99 100
42 20.4 14.3 21.5
71 33.2 24.5 36.7



#8
2-Chlorophenol
Concen: 47.003 ng
RT: 7.257 min Scan# 709
Delta R.T. -0.012 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

Tgt Ion: 128 Resp: 611438
Ion Ratio Lower Upper
128 100
130 31.9 12.4 52.4
64 48.4 29.4 69.4

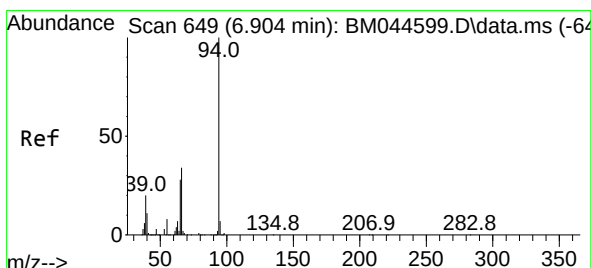
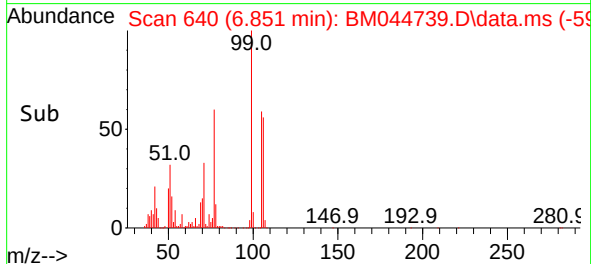
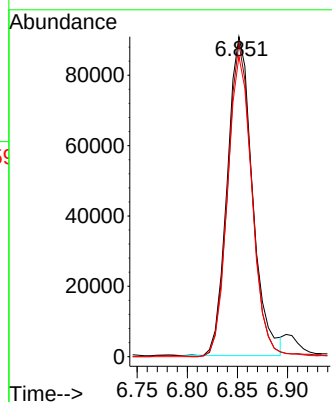
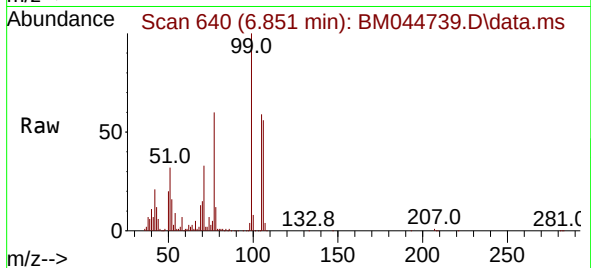




#9
Benzaldehyde
Concen: 17.980 ng
RT: 6.851 min Scan# 642
Delta R.T. -0.012 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

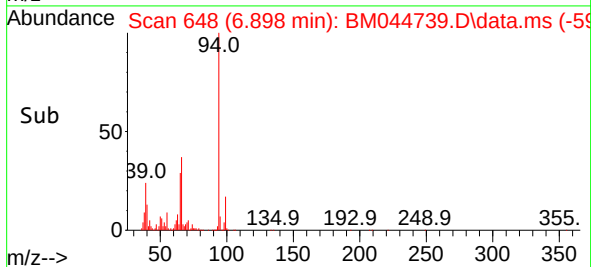
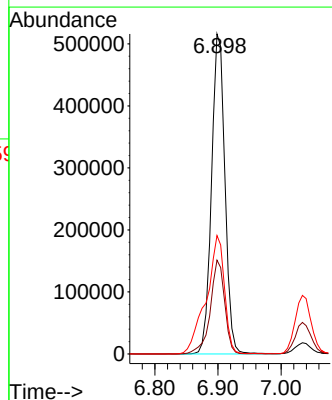
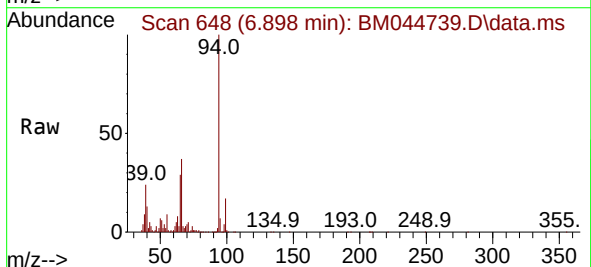
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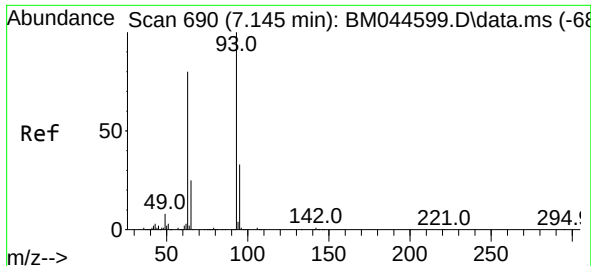
Tgt Ion: 77 Resp: 158222
Ion Ratio Lower Upper
77 100
105 98.0 74.4 114.4
106 93.8 74.1 114.1



#10
Phenol
Concen: 45.405 ng
RT: 6.898 min Scan# 648
Delta R.T. -0.006 min
Lab File: BM044739.D
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Tgt Ion: 94 Resp: 761910
Ion Ratio Lower Upper
94 100
65 29.3 7.9 47.9
66 37.0 14.7 54.7





#11
bis(2-Chloroethyl)ether
Concen: 43.839 ng
RT: 7.134 min Scan# 60
Delta R.T. -0.012 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

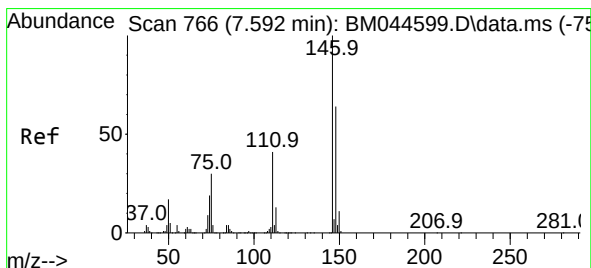
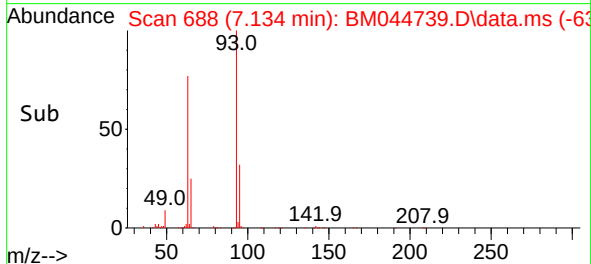
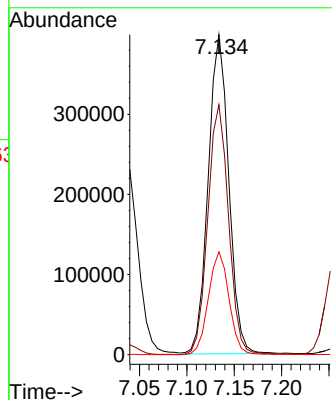
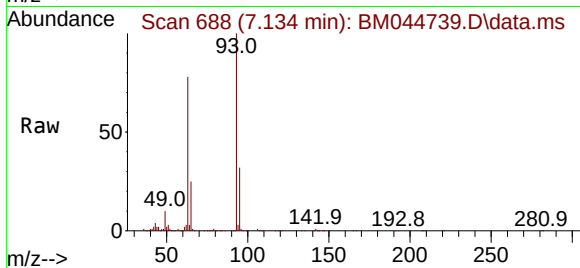
Instrument :

BNA_M

ClientSampleId :

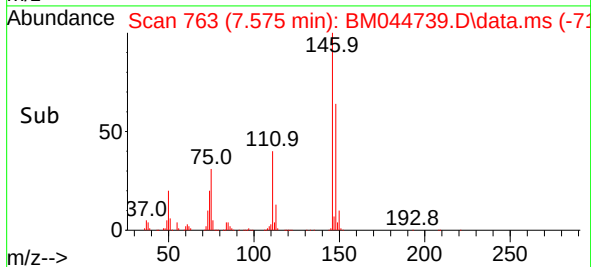
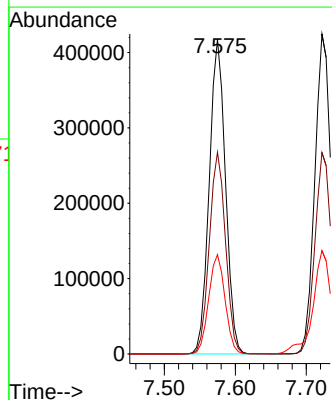
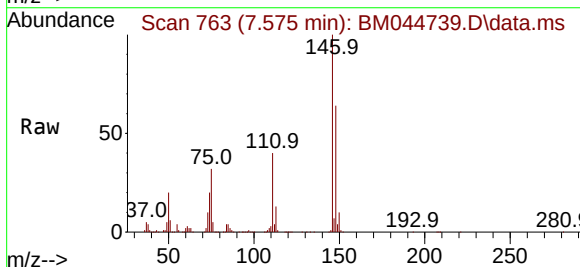
PB159682BS

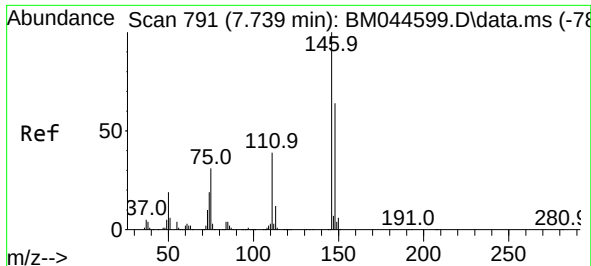
Tgt Ion: 93 Resp: 600636
Ion Ratio Lower Upper
93 100
63 78.1 59.8 99.8
95 32.2 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 47.413 ng
RT: 7.575 min Scan# 763
Delta R.T. -0.017 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

Tgt Ion: 146 Resp: 663184
Ion Ratio Lower Upper
146 100
148 64.1 50.9 76.3
75 31.5 24.1 36.1

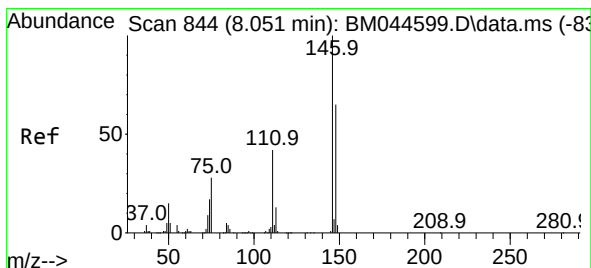
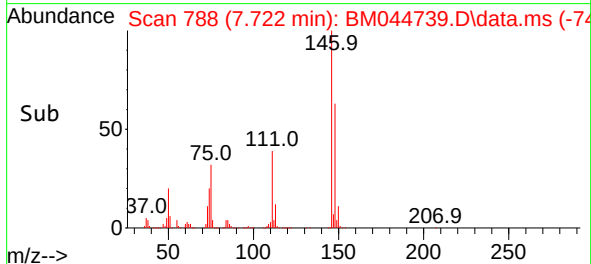
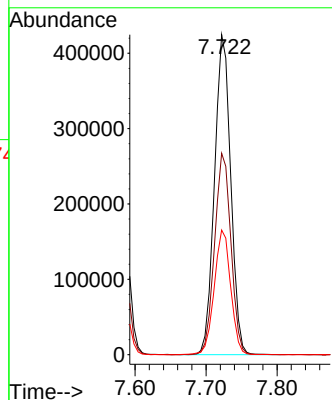
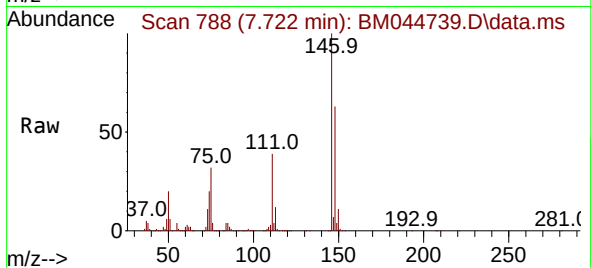




#13
1,4-Dichlorobenzene
Concen: 47.850 ng
RT: 7.722 min Scan# 71
Delta R.T. -0.017 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

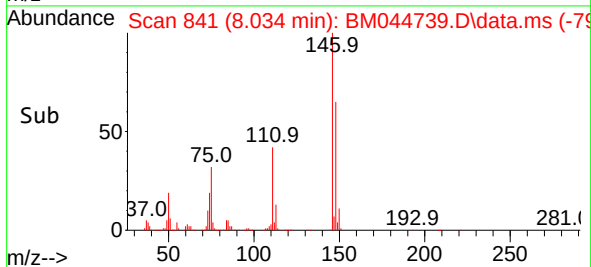
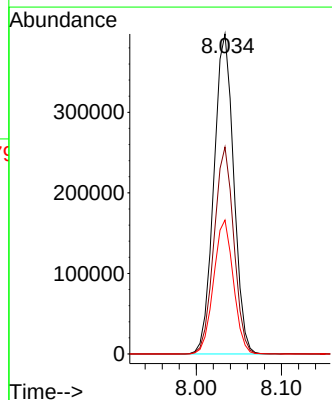
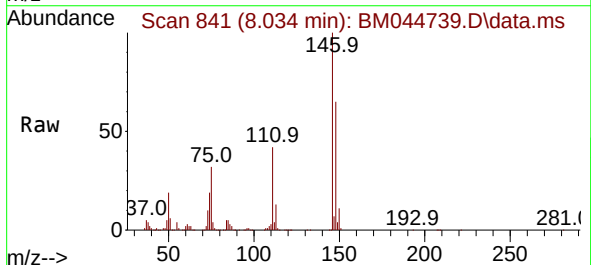
Instrument :
BNA_M
ClientSampleId :
PB159682BS

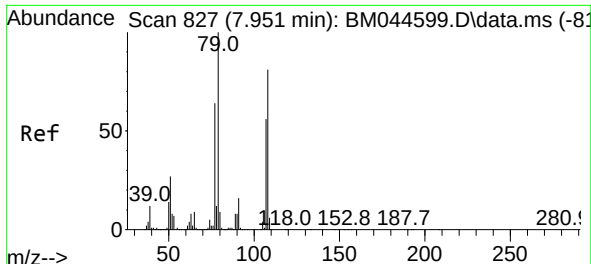
Tgt Ion:146 Resp: 674564
Ion Ratio Lower Upper
146 100
148 63.0 51.5 77.3
111 38.9 31.4 47.2



#14
1,2-Dichlorobenzene
Concen: 47.837 ng
RT: 8.034 min Scan# 841
Delta R.T. -0.018 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

Tgt Ion:146 Resp: 643120
Ion Ratio Lower Upper
146 100
148 64.7 51.8 77.8
111 41.9 33.4 50.2

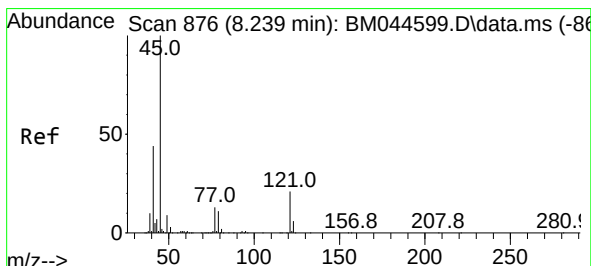
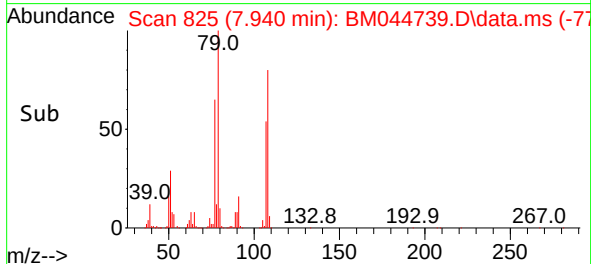
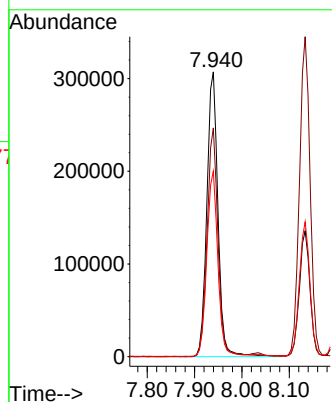
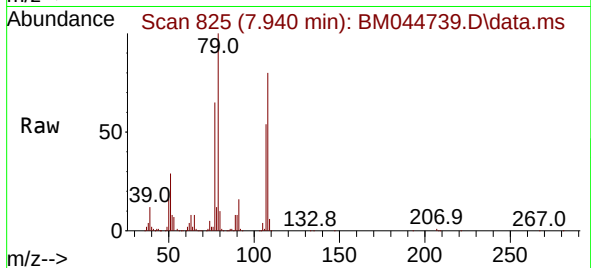




#15
Benzyl Alcohol
Concen: 45.406 ng
RT: 7.940 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

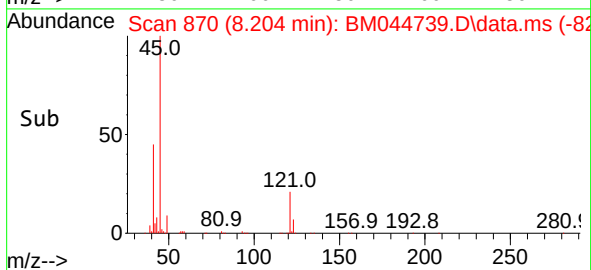
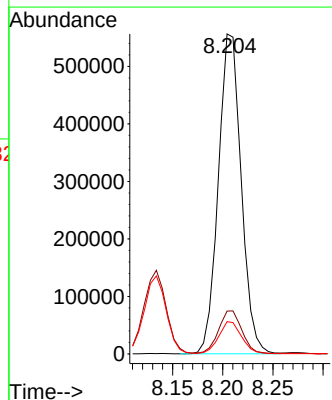
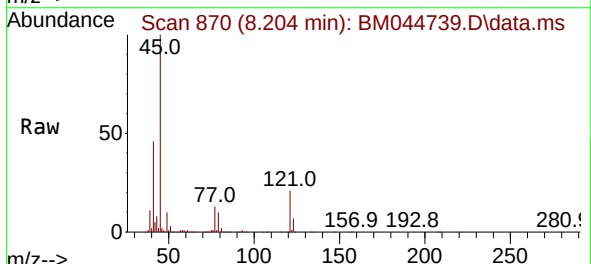
Instrument :
BNA_M
ClientSampleId :
PB159682BS

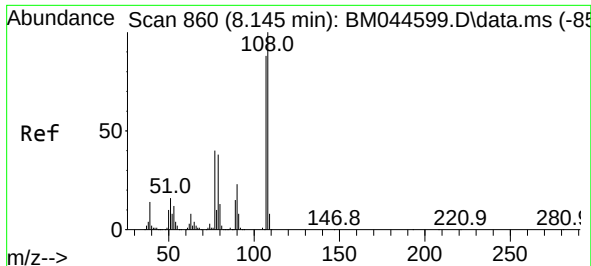
Tgt Ion: 79 Resp: 501576
Ion Ratio Lower Upper
79 100
108 80.3 65.0 97.6
77 65.1 51.7 77.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.339 ng
RT: 8.204 min Scan# 870
Delta R.T. -0.035 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

Tgt Ion: 45 Resp: 880231
Ion Ratio Lower Upper
45 100
77 13.4 0.0 33.7
79 10.1 0.0 31.2

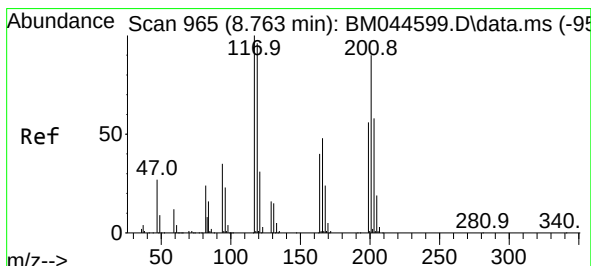
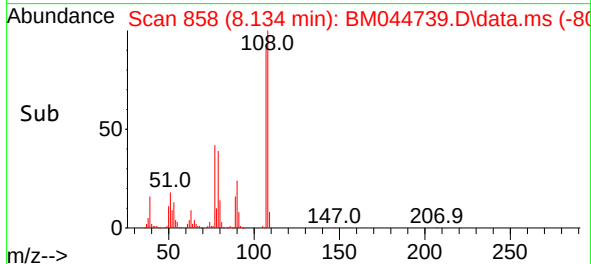
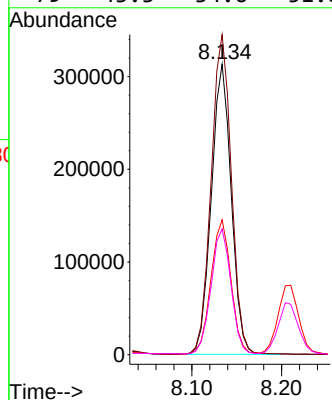
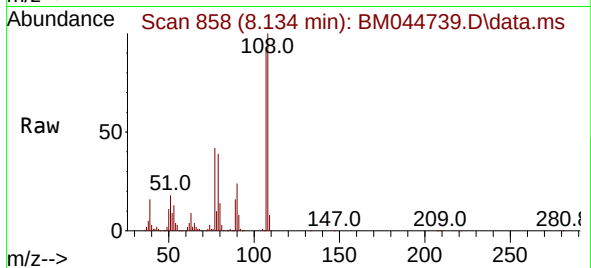




#17
2-Methylphenol
Concen: 42.219 ng
RT: 8.134 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

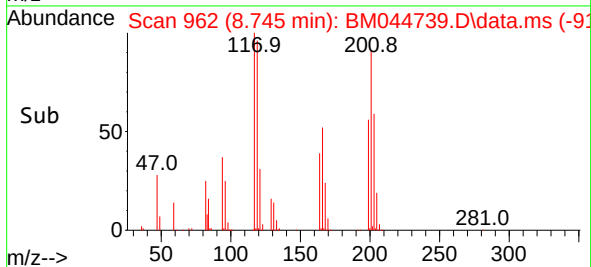
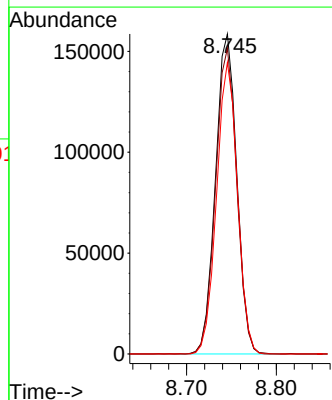
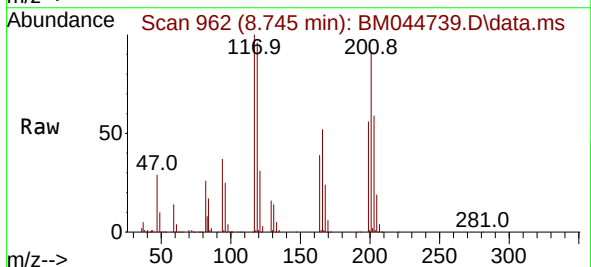
Instrument :
BNA_M
ClientSampleId :
PB159682BS

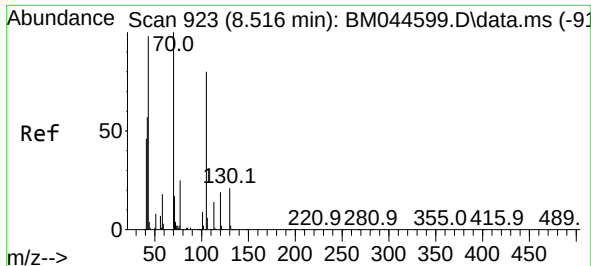
Tgt Ion:107 Resp: 483162
Ion Ratio Lower Upper
107 100
108 110.2 90.7 136.1
77 46.4 36.2 54.2
79 43.3 34.6 51.8



#18
Hexachloroethane
Concen: 50.193 ng
RT: 8.745 min Scan# 962
Delta R.T. -0.018 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

Tgt Ion:117 Resp: 261590
Ion Ratio Lower Upper
117 100
119 95.5 76.8 115.2
201 91.1 72.3 108.5

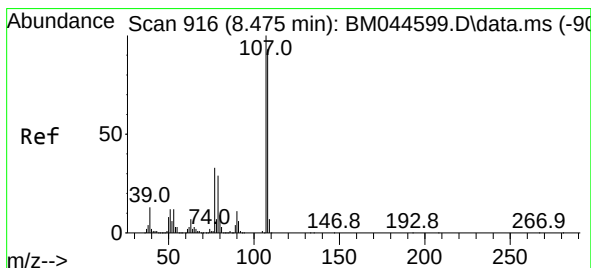
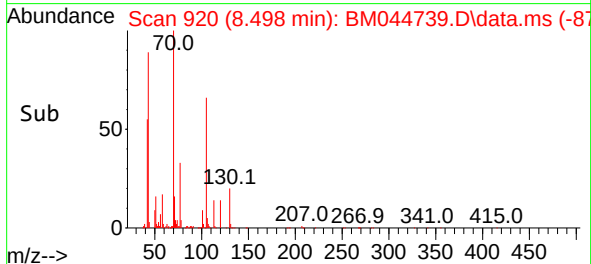
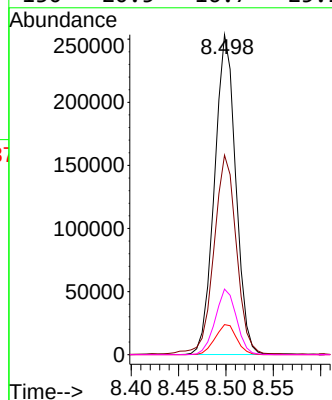
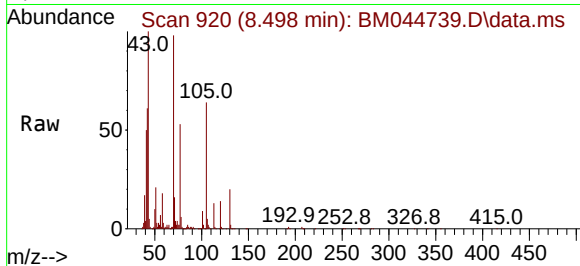




#19
n-Nitroso-di-n-propylamine
Concen: 38.502 ng
RT: 8.498 min Scan# 914
Delta R.T. -0.017 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

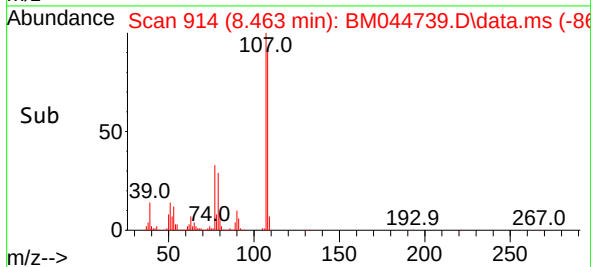
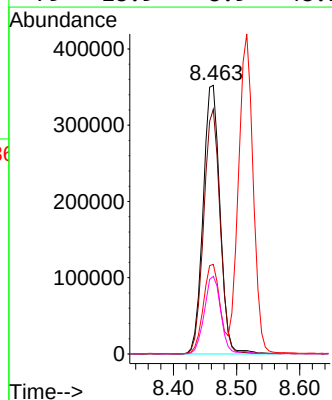
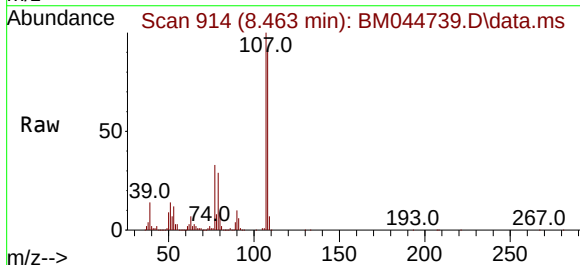
Instrument :
BNA_M
ClientSampleId :
PB159682BS

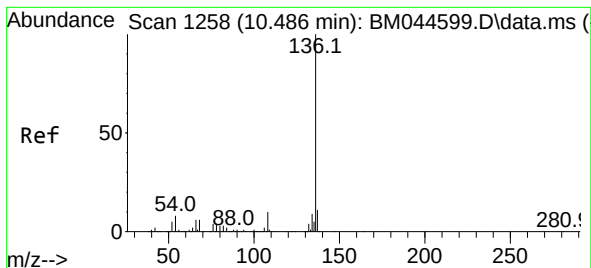
Tgt Ion: 70 Resp: 395074
Ion Ratio Lower Upper
70 100
42 62.3 46.6 69.8
101 9.4 7.6 11.4
130 20.5 16.7 25.1



#20
3+4-Methylphenols
Concen: 42.369 ng
RT: 8.463 min Scan# 914
Delta R.T. -0.012 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

Tgt Ion: 107 Resp: 654335
Ion Ratio Lower Upper
107 100
108 91.0 72.7 112.7
77 33.4 13.3 53.3
79 28.9 8.9 48.9

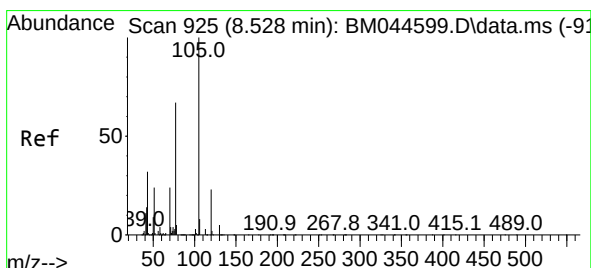
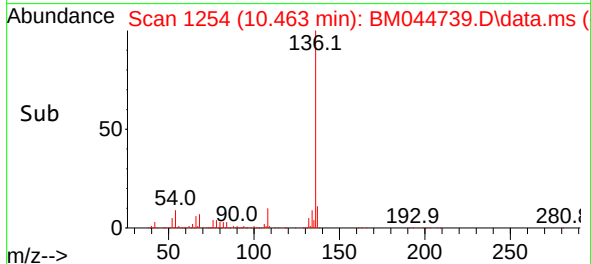
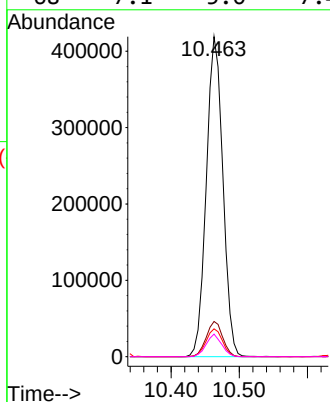
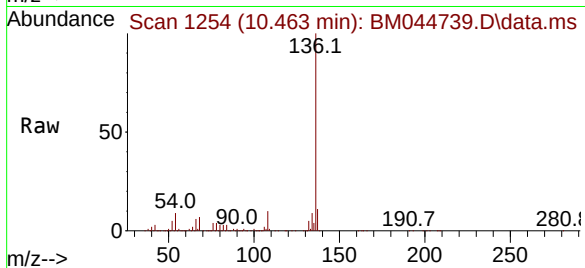




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.463 min Scan# 11
Delta R.T. -0.023 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

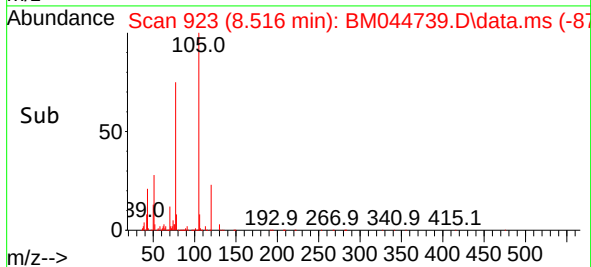
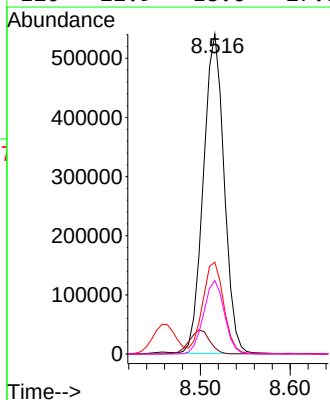
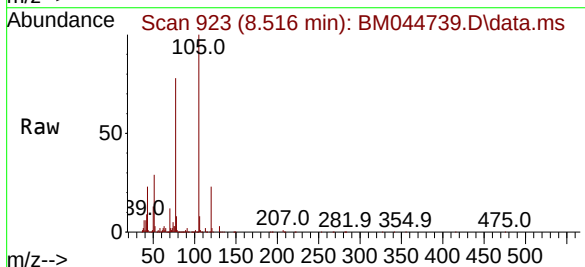
Instrument :
BNA_M
ClientSampleId :
PB159682BS

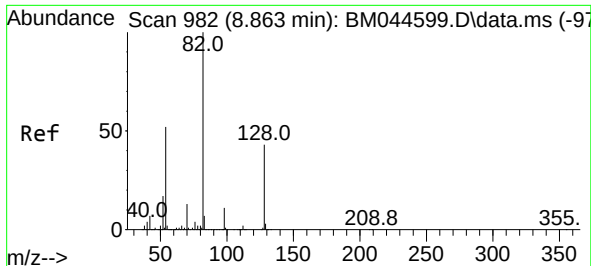
Tgt Ion:136 Resp: 708573
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.7 6.6 10.0
68 7.1 5.0 7.4



#22
Acetophenone
Concen: 46.600 ng
RT: 8.516 min Scan# 923
Delta R.T. -0.012 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

Tgt Ion:105 Resp: 867486
Ion Ratio Lower Upper
105 100
71 2.0 3.4 5.2#
51 28.7 22.2 33.4
120 22.9 18.6 27.8

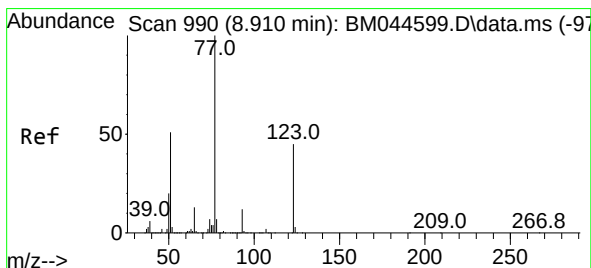
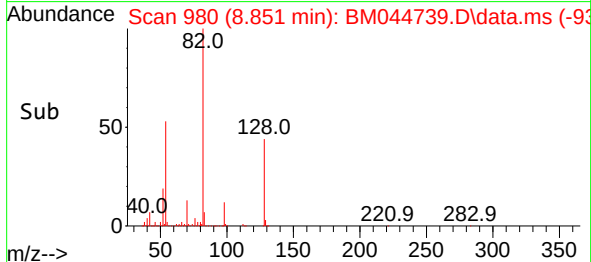
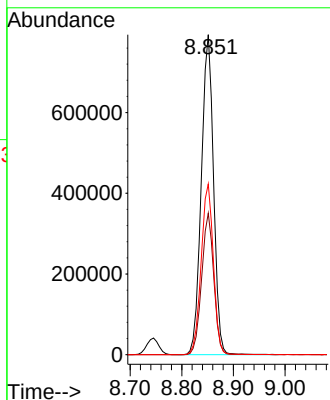
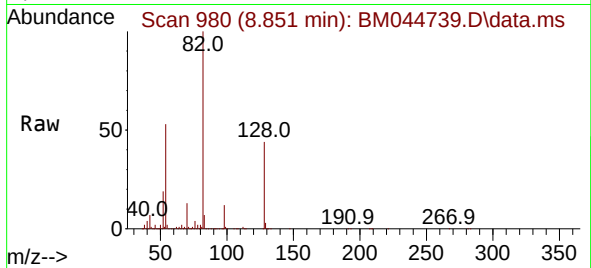




#23
Nitrobenzene-d5
Concen: 88.508 ng
RT: 8.851 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

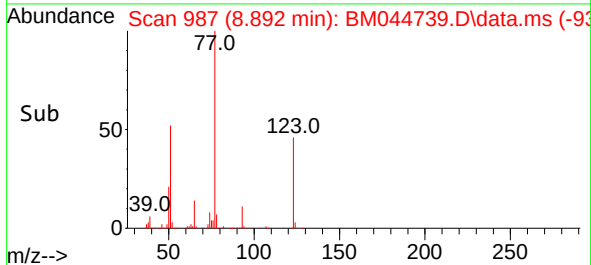
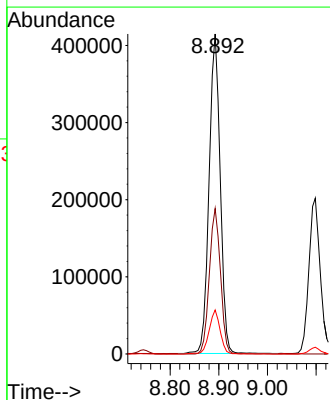
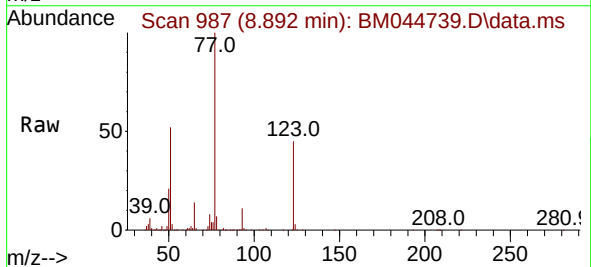
Instrument :
BNA_M
ClientSampleId :
PB159682BS

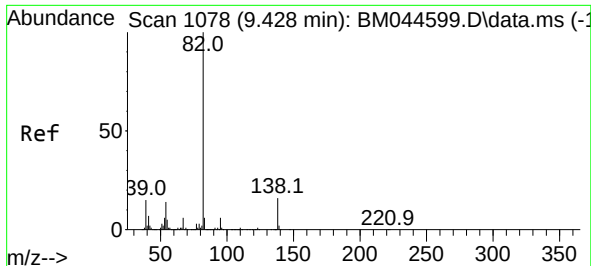
Tgt Ion: 82 Resp: 1301788
Ion Ratio Lower Upper
82 100
128 44.2 34.2 51.4
54 53.4 41.3 61.9



#24
Nitrobenzene
Concen: 44.945 ng
RT: 8.892 min Scan# 987
Delta R.T. -0.018 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

Tgt Ion: 77 Resp: 653460
Ion Ratio Lower Upper
77 100
123 45.4 35.9 53.9
65 13.8 10.7 16.1

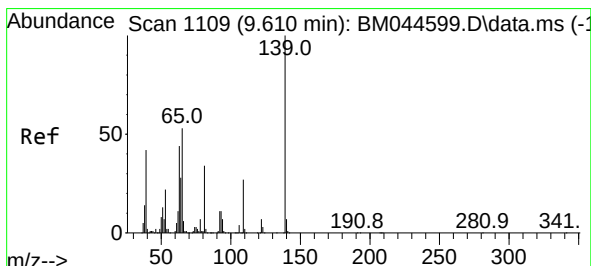
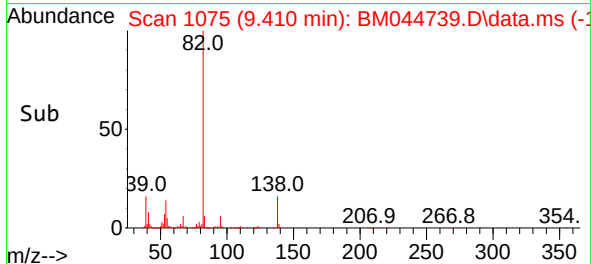
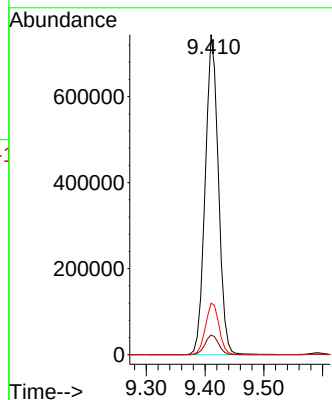
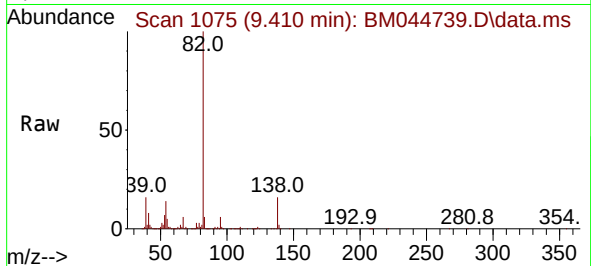




#25
Isophorone
Concen: 45.652 ng
RT: 9.410 min Scan# 1075
Delta R.T. -0.018 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

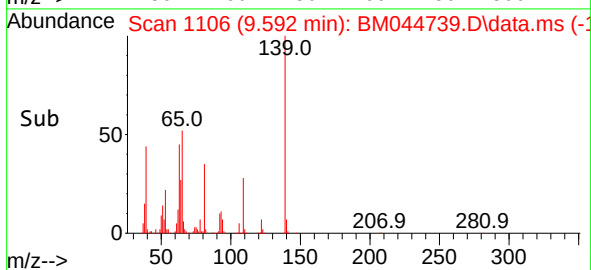
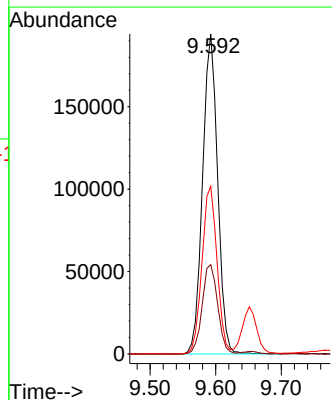
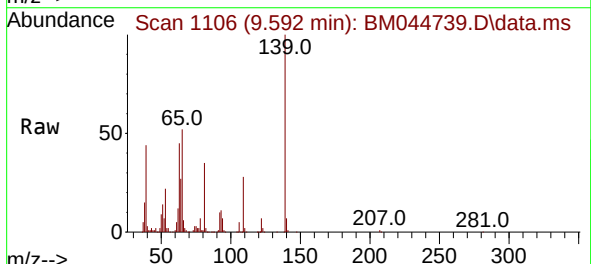
Instrument :
BNA_M
ClientSampleId :
PB159682BS

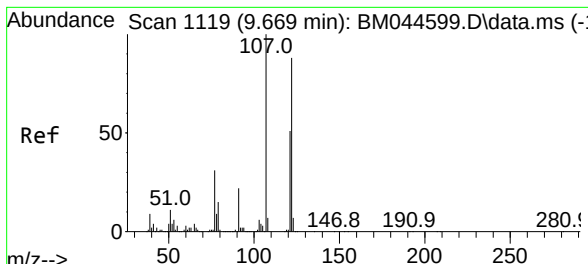
Tgt Ion: 82 Resp: 1158500
Ion Ratio Lower Upper
82 100
95 6.2 4.9 7.3
138 16.1 12.9 19.3



#26
2-Nitrophenol
Concen: 49.512 ng
RT: 9.592 min Scan# 1106
Delta R.T. -0.017 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

Tgt Ion: 139 Resp: 310626
Ion Ratio Lower Upper
139 100
109 27.9 21.2 31.8
65 52.4 42.4 63.6



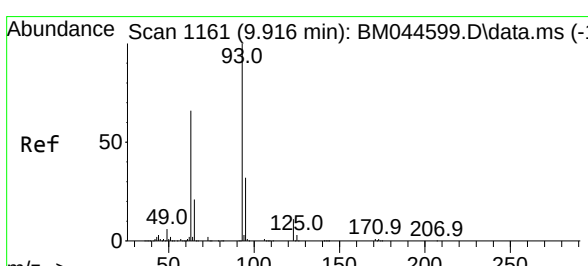
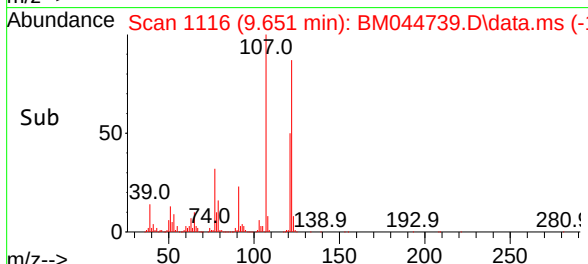
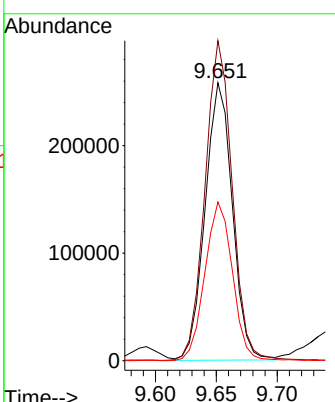
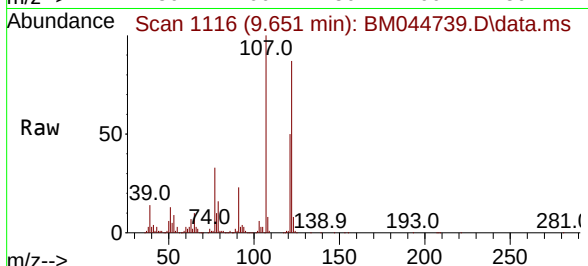


#27
 2,4-Dimethylphenol
 Concen: 36.485 ng
 RT: 9.651 min Scan# 1116
 Delta R.T. -0.017 min
 Lab File: BM044739.D
 Acq: 22 Mar 2024 17:50

Instrument :
 BNA_M
 ClientSampleId :
 PB159682BS

Tgt Ion:122 Resp: 402539

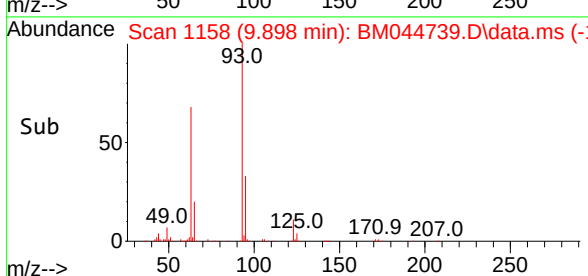
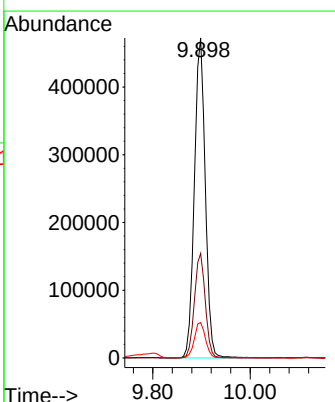
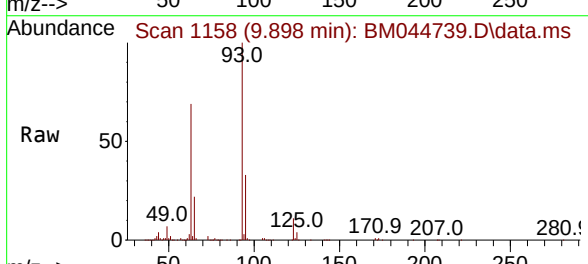
Ion	Ratio	Lower	Upper
122	100		
107	115.2	90.5	135.7
121	57.1	46.2	69.4

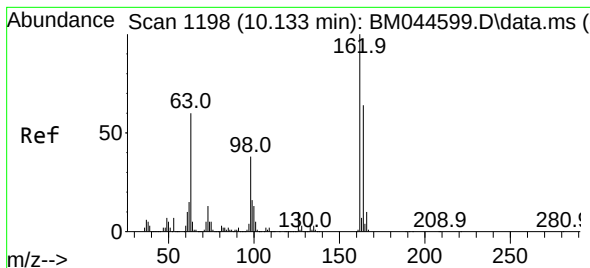


#28
 bis(2-Chloroethoxy)methane
 Concen: 43.846 ng
 RT: 9.898 min Scan# 1158
 Delta R.T. -0.018 min
 Lab File: BM044739.D
 Acq: 22 Mar 2024 17:50

Tgt Ion: 93 Resp: 738890

Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.8	38.6
123	11.0	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 47.732 ng

RT: 10.116 min Scan# 1195

Delta R.T. -0.018 min

Lab File: BM044739.D

Acq: 22 Mar 2024 17:50

Instrument :

BNA_M

ClientSampleId :

PB159682BS

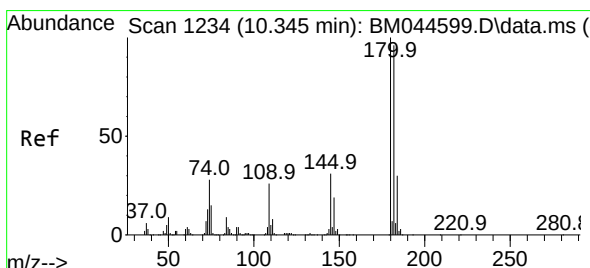
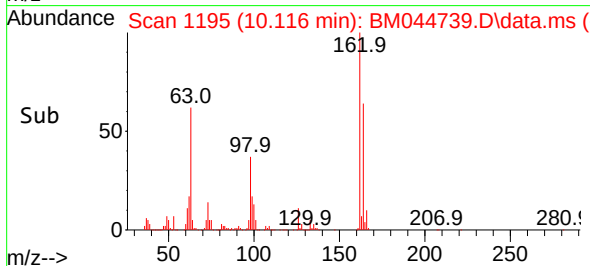
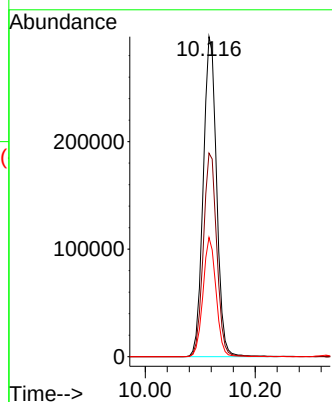
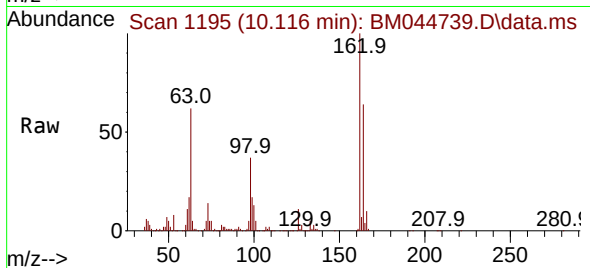
Tgt Ion:162 Resp: 501917

Ion Ratio Lower Upper

162 100

164 63.6 44.1 84.1

98 37.2 18.0 58.0



#30

1,2,4-Trichlorobenzene

Concen: 48.010 ng

RT: 10.328 min Scan# 1231

Delta R.T. -0.018 min

Lab File: BM044739.D

Acq: 22 Mar 2024 17:50

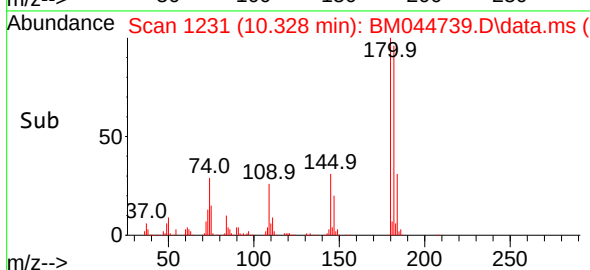
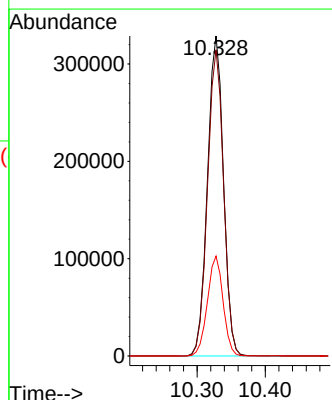
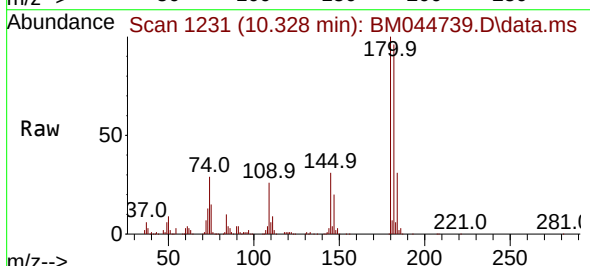
Tgt Ion:180 Resp: 537066

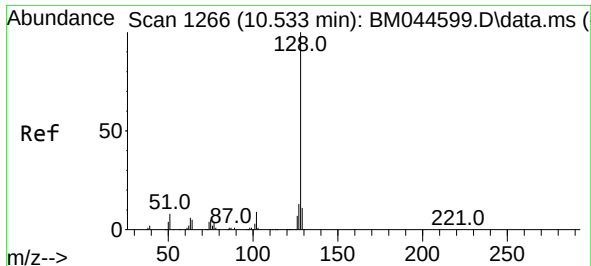
Ion Ratio Lower Upper

180 100

182 95.7 76.6 115.0

145 31.2 24.6 36.8

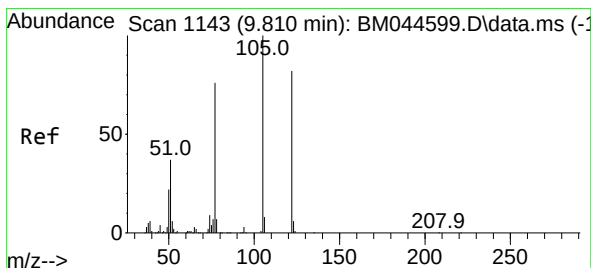
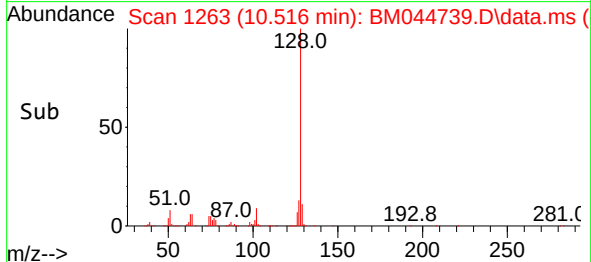
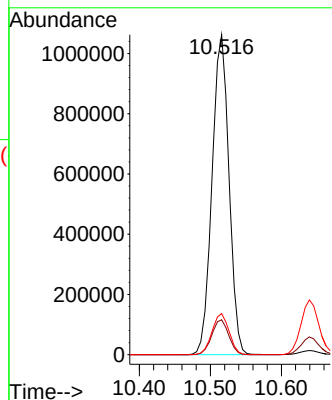
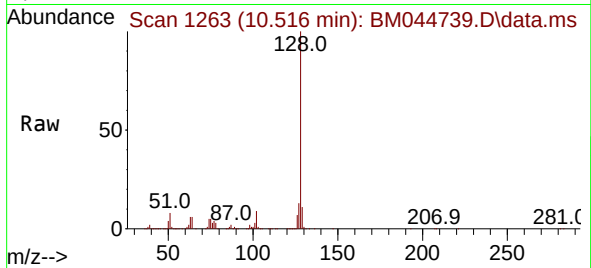




#31
Naphthalene
Concen: 45.177 ng
RT: 10.516 min Scan# 11
Delta R.T. -0.017 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

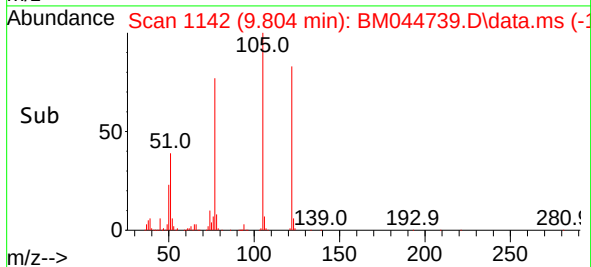
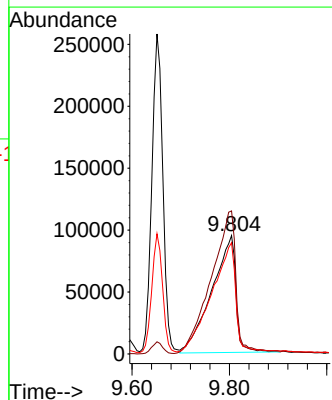
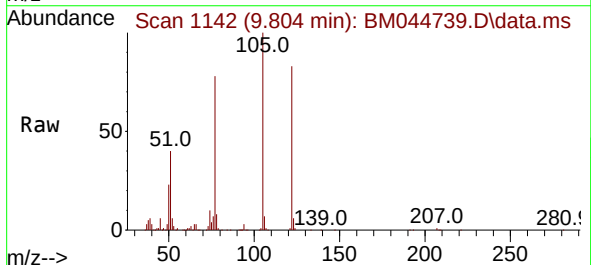
Instrument :
BNA_M
ClientSampleId :
PB159682BS

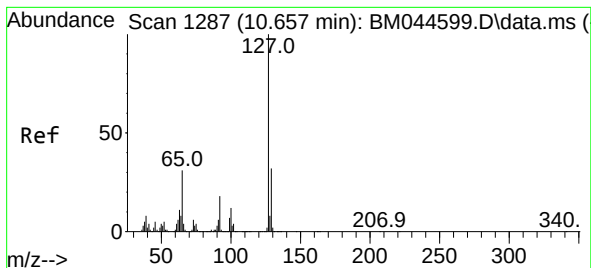
Tgt Ion:128 Resp: 1756808
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 12.9 10.2 15.4



#32
Benzoic acid
Concen: 37.699 ng
RT: 9.804 min Scan# 1142
Delta R.T. -0.006 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

Tgt Ion:122 Resp: 324548
Ion Ratio Lower Upper
122 100
105 120.9 100.0 140.0
77 93.9 72.5 112.5





#33

4-Chloroaniline

Concen: 20.152 ng

RT: 10.639 min Scan# 11

Delta R.T. -0.018 min

Lab File: BM044739.D

Acq: 22 Mar 2024 17:50

Instrument :

BNA_M

ClientSampleId :

PB159682BS

Tgt Ion:127 Resp: 328762

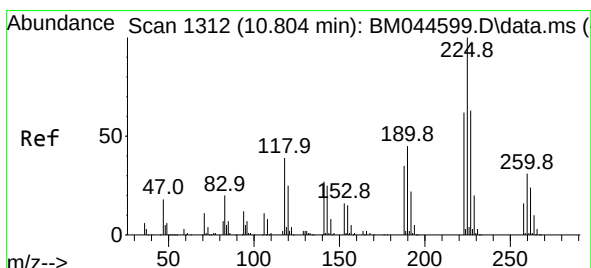
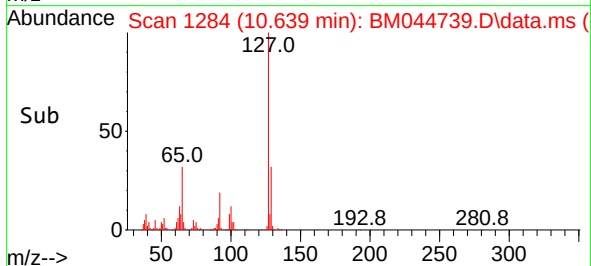
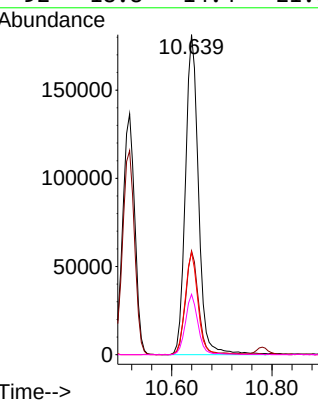
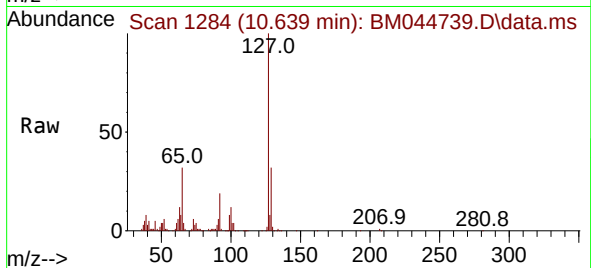
Ion Ratio Lower Upper

127 100

129 32.4 25.6 38.4

65 32.0 25.1 37.7

92 18.8 14.4 21.6



#34

Hexachlorobutadiene

Concen: 48.677 ng

RT: 10.781 min Scan# 1308

Delta R.T. -0.023 min

Lab File: BM044739.D

Acq: 22 Mar 2024 17:50

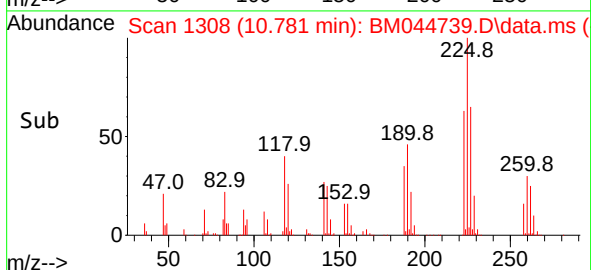
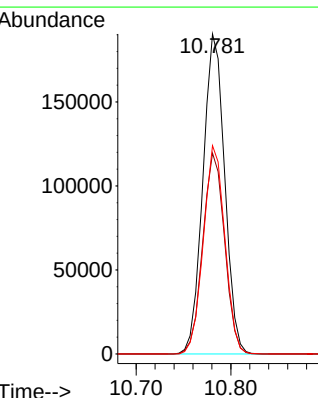
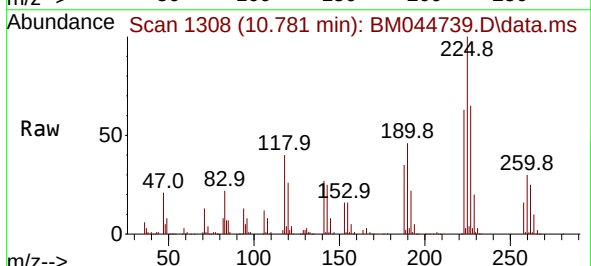
Tgt Ion:225 Resp: 303607

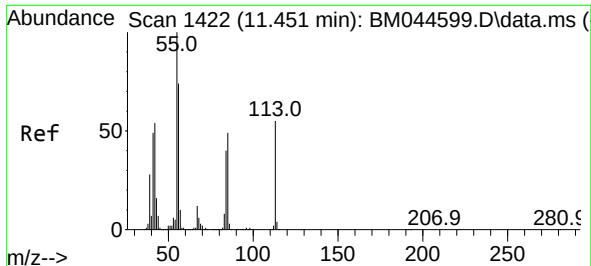
Ion Ratio Lower Upper

225 100

223 62.7 49.9 74.9

227 65.1 50.6 75.8

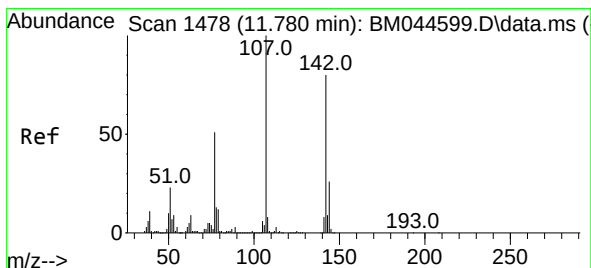
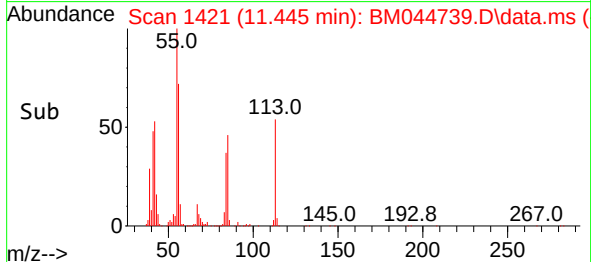
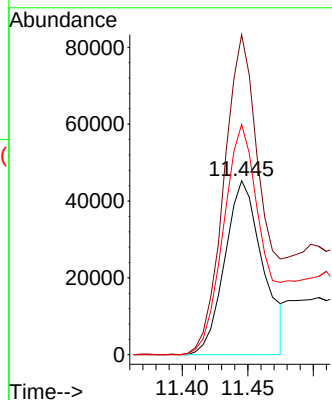
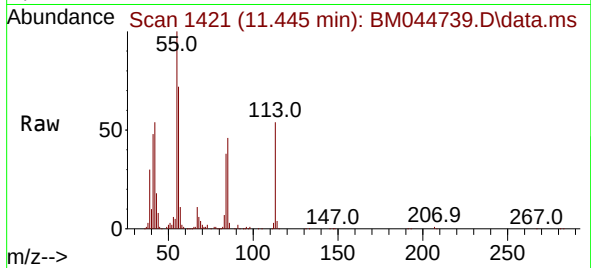




#35
Caprolactam
Concen: 26.787 ng
RT: 11.445 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

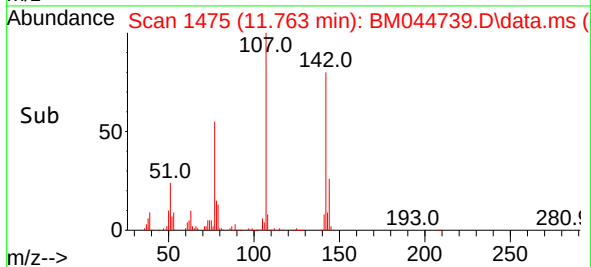
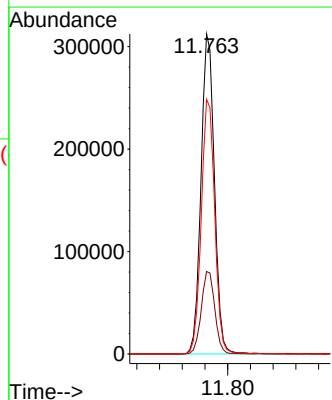
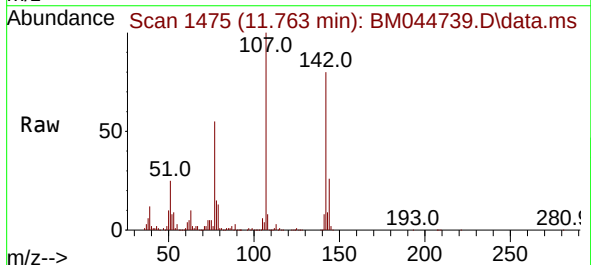
Instrument :
BNA_M
ClientSampleId :
PB159682BS

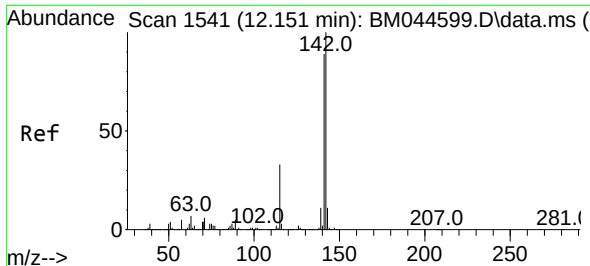
Tgt Ion:113 Resp: 90861
Ion Ratio Lower Upper
113 100
55 183.9 161.1 201.1
56 132.4 113.2 153.2



#36
4-Chloro-3-methylphenol
Concen: 44.452 ng
RT: 11.763 min Scan# 1475
Delta R.T. -0.018 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

Tgt Ion:107 Resp: 512913
Ion Ratio Lower Upper
107 100
144 25.7 20.8 31.2
142 79.6 63.8 95.8

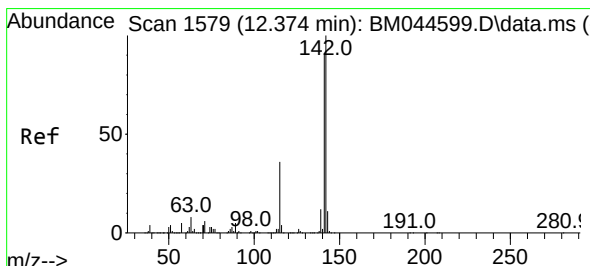
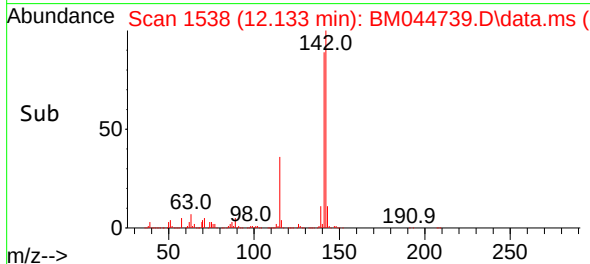
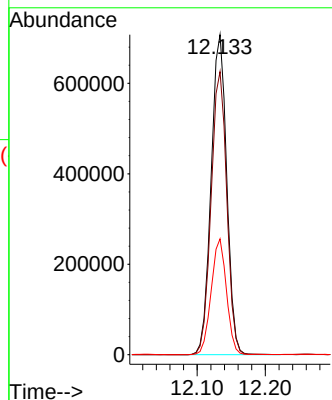
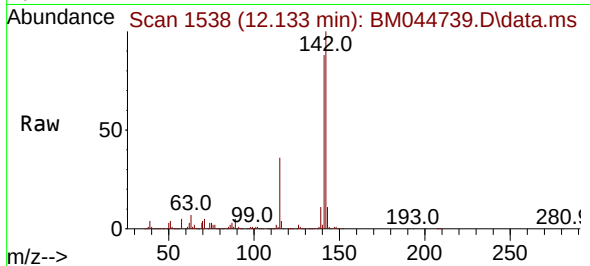




#37
2-Methylnaphthalene
Concen: 42.728 ng
RT: 12.133 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

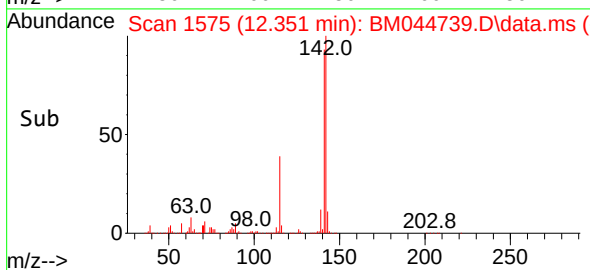
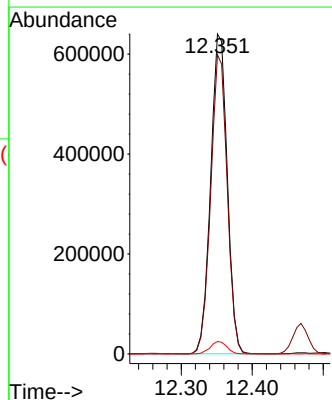
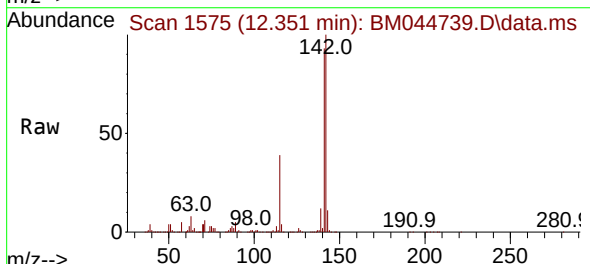
Instrument :
BNA_M
ClientSampleId :
PB159682BS

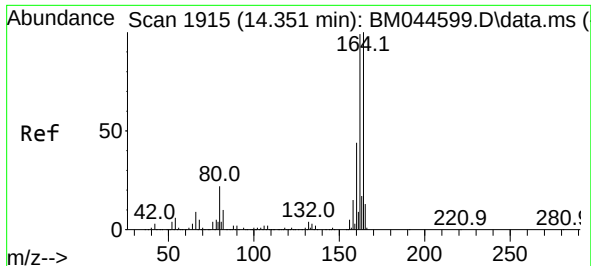
Tgt Ion:142 Resp: 1127763
Ion Ratio Lower Upper
142 100
141 88.5 71.0 106.6
115 36.2 26.6 40.0



#38
1-Methylnaphthalene
Concen: 42.214 ng
RT: 12.351 min Scan# 1575
Delta R.T. -0.023 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

Tgt Ion:142 Resp: 1038413
Ion Ratio Lower Upper
142 100
141 93.5 72.9 109.3
116 3.9 2.9 4.3

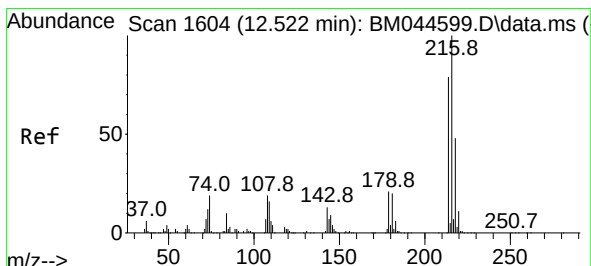
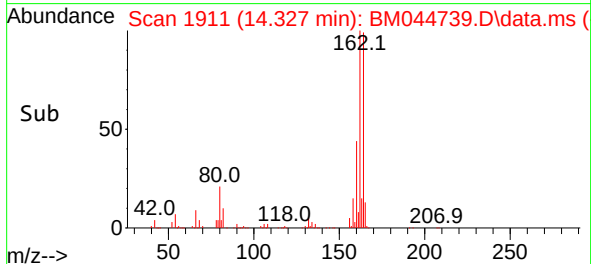
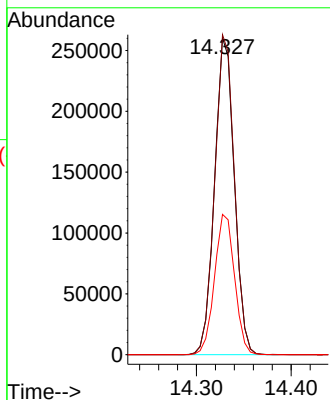
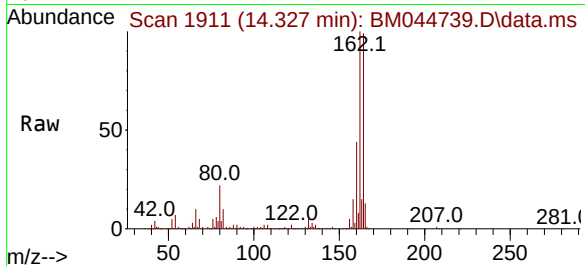




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.327 min Scan# 1911
Delta R.T. -0.023 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

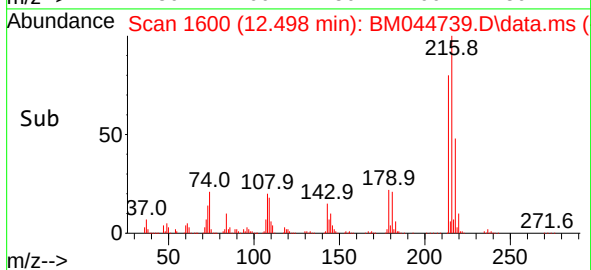
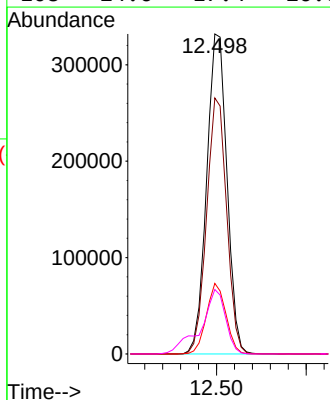
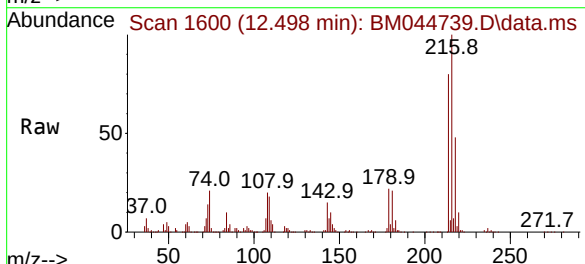
Instrument :
BNA_M
ClientSampleId :
PB159682BS

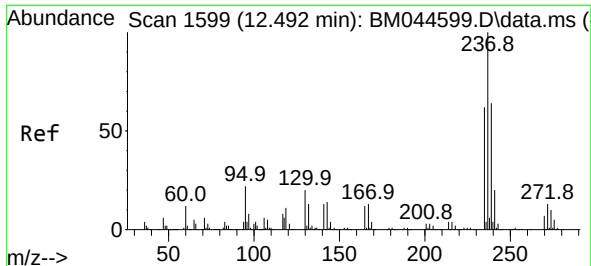
Tgt Ion:164 Resp: 376713
Ion Ratio Lower Upper
164 100
162 101.1 79.3 118.9
160 44.3 35.2 52.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.750 ng
RT: 12.498 min Scan# 1600
Delta R.T. -0.023 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

Tgt Ion:216 Resp: 521148
Ion Ratio Lower Upper
216 100
214 79.0 62.9 94.3
179 21.2 16.9 25.3
108 24.6 17.4 26.0

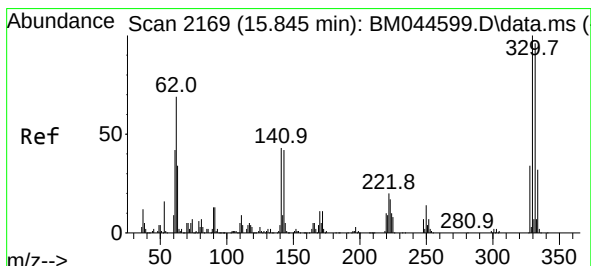
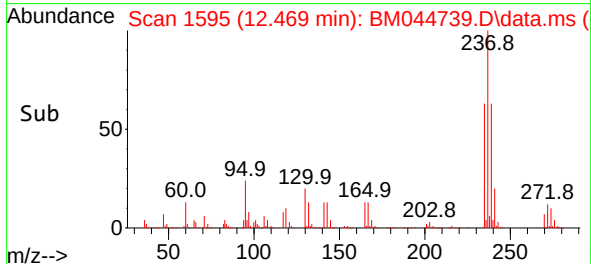
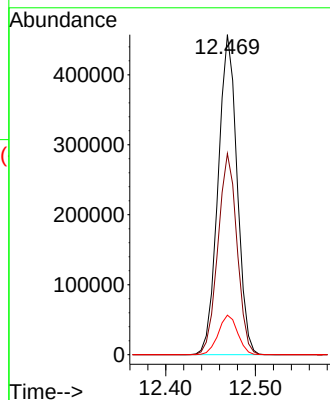
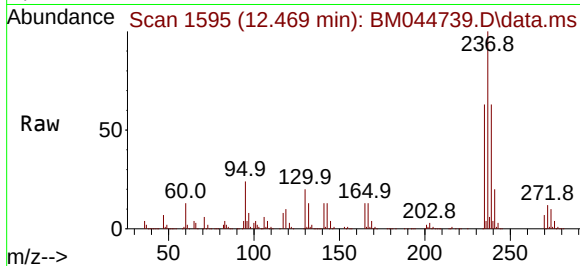




#41
Hexachlorocyclopentadiene
Concen: 110.335 ng
RT: 12.469 min Scan# 1
Delta R.T. -0.023 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

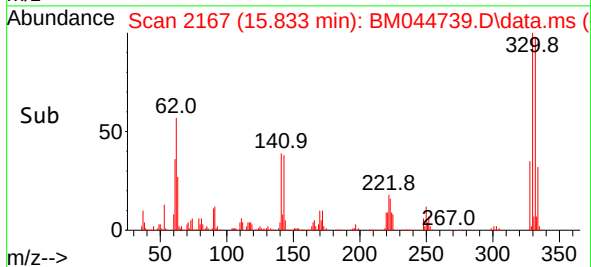
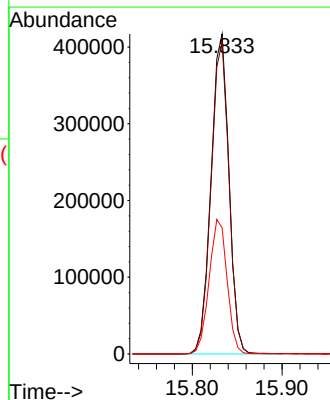
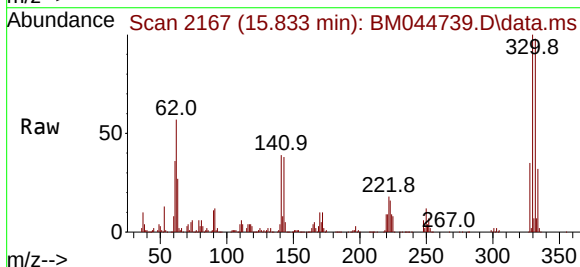
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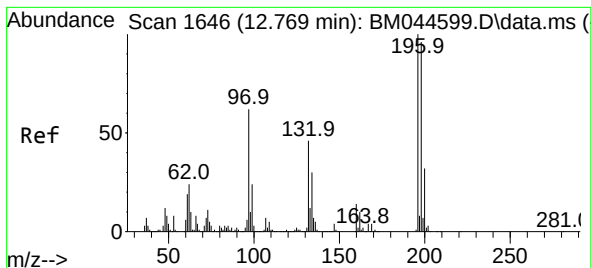
Tgt Ion:237 Resp: 671952
Ion Ratio Lower Upper
237 100
235 62.9 42.1 82.1
272 12.4 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 139.255 ng
RT: 15.833 min Scan# 2167
Delta R.T. -0.012 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

Tgt Ion:330 Resp: 578604
Ion Ratio Lower Upper
330 100
332 97.2 77.8 116.8
141 42.2 33.4 50.0





#43

2,4,6-Trichlorophenol

Concen: 49.067 ng

RT: 12.751 min Scan# 1

Delta R.T. -0.017 min

Lab File: BM044739.D

Acq: 22 Mar 2024 17:50

Instrument :

BNA_M

ClientSampleId :

PB159682BS

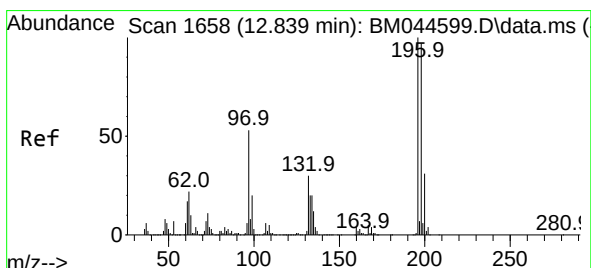
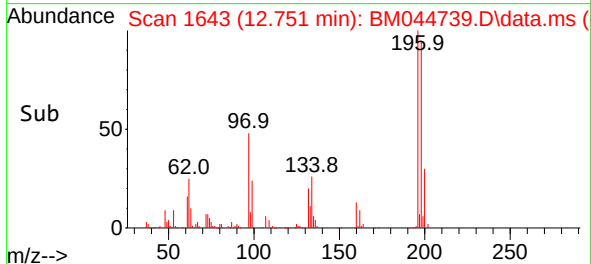
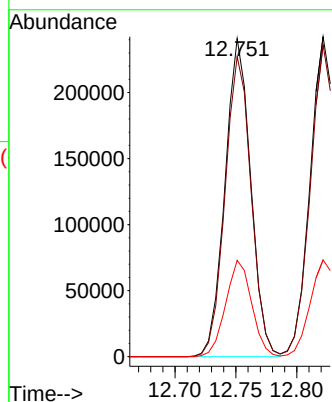
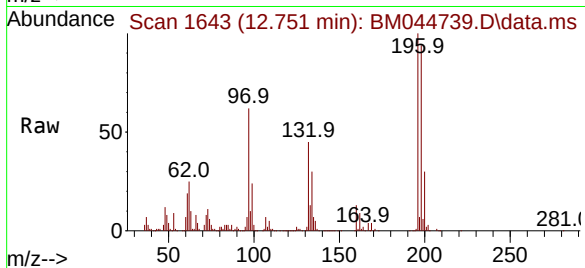
Tgt Ion:196 Resp: 354188

Ion Ratio Lower Upper

196 100

198 94.3 76.9 115.3

200 30.3 25.4 38.0



#44

2,4,5-Trichlorophenol

Concen: 43.918 ng

RT: 12.822 min Scan# 1655

Delta R.T. -0.017 min

Lab File: BM044739.D

Acq: 22 Mar 2024 17:50

Tgt Ion:196 Resp: 375644

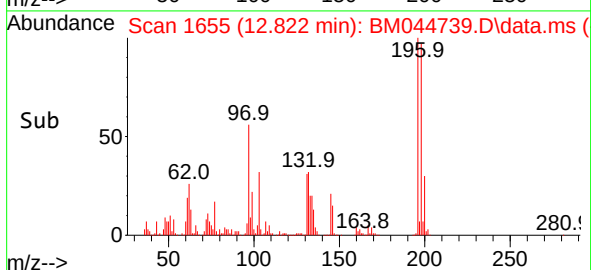
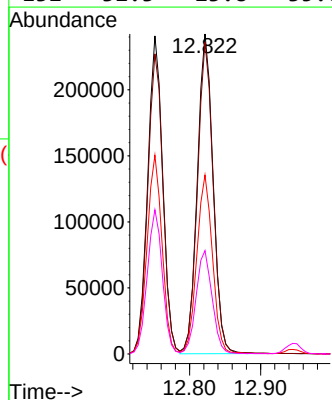
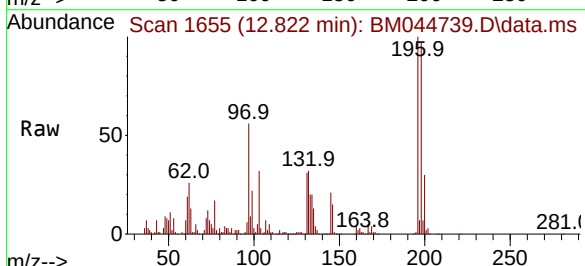
Ion Ratio Lower Upper

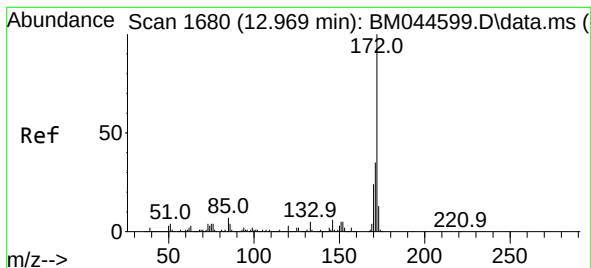
196 100

198 97.4 77.7 116.5

97 55.9 42.8 64.2

132 32.3 23.8 35.6





#45

2-Fluorobiphenyl

Concen: 89.544 ng

RT: 12.945 min Scan# 1

Delta R.T. -0.023 min

Lab File: BM044739.D

Acq: 22 Mar 2024 17:50

Instrument :

BNA_M

ClientSampleId :

PB159682BS

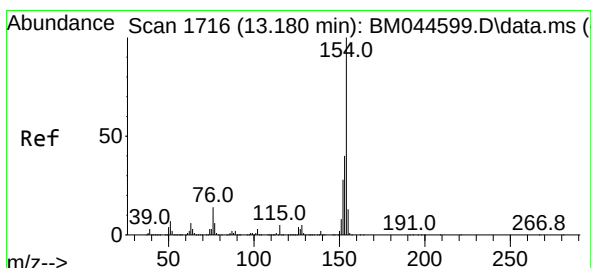
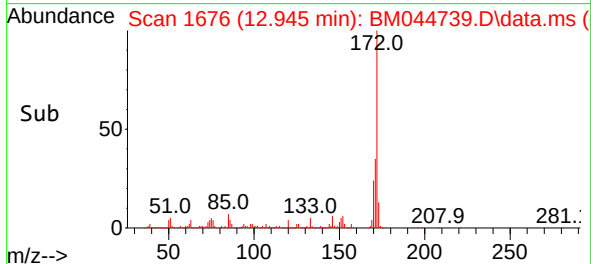
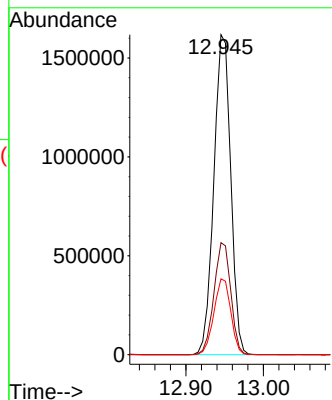
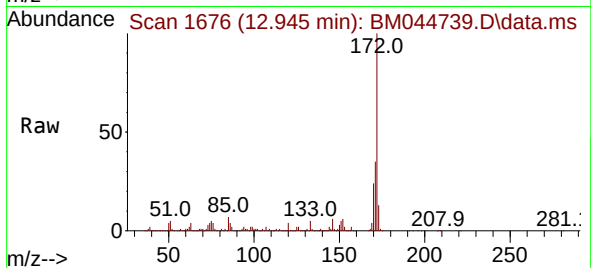
Tgt Ion:172 Resp: 2449315

Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.2

170 23.7 19.0 28.6



#46

1,1'-Biphenyl

Concen: 46.727 ng

RT: 13.157 min Scan# 1712

Delta R.T. -0.023 min

Lab File: BM044739.D

Acq: 22 Mar 2024 17:50

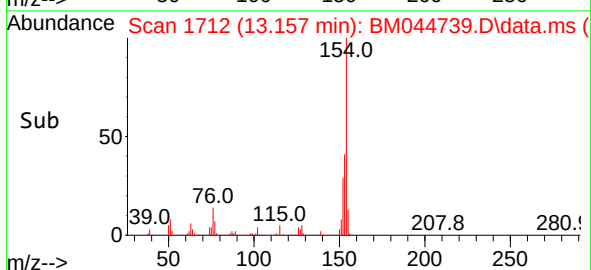
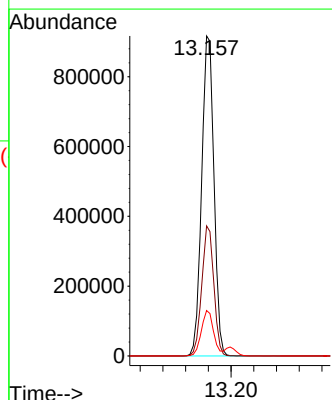
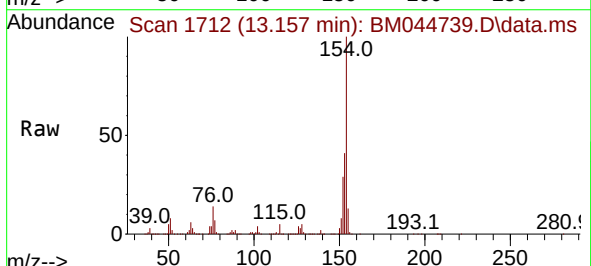
Tgt Ion:154 Resp: 1376719

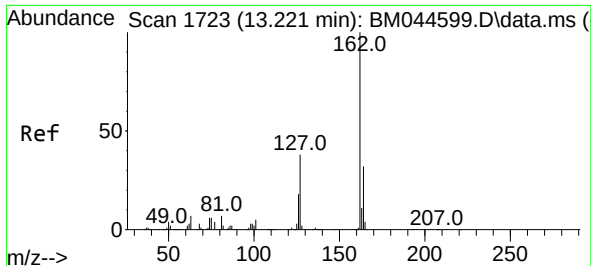
Ion Ratio Lower Upper

154 100

153 40.6 19.9 59.9

76 14.2 0.0 34.0





#47

2-Chloronaphthalene

Concen: 47.976 ng

RT: 13.198 min Scan# 1

Delta R.T. -0.023 min

Lab File: BM044739.D

Acq: 22 Mar 2024 17:50

Instrument :

BNA_M

ClientSampleId :

PB159682BS

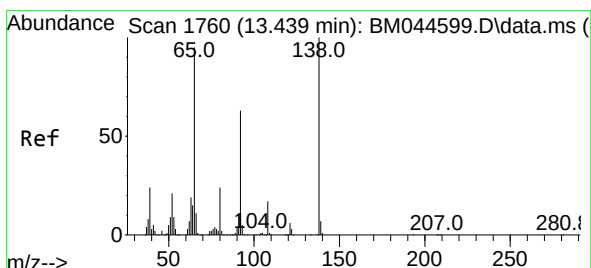
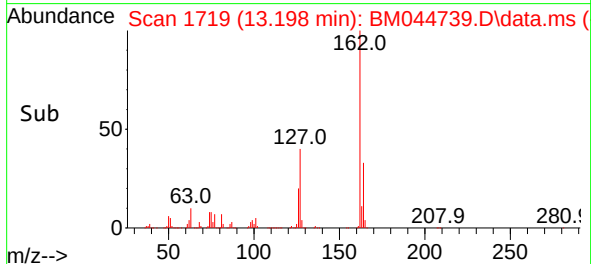
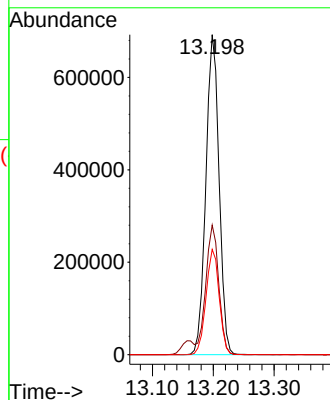
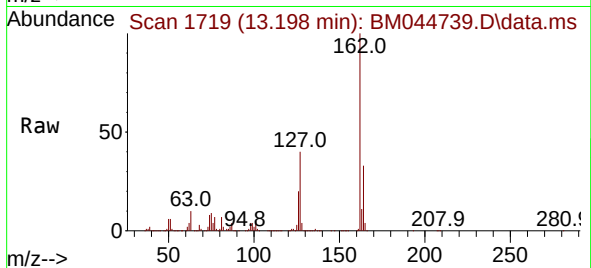
Tgt Ion:162 Resp: 1045269

Ion Ratio Lower Upper

162 100

127 40.5 31.4 47.0

164 32.9 25.8 38.8



#48

2-Nitroaniline

Concen: 46.292 ng

RT: 13.422 min Scan# 1757

Delta R.T. -0.017 min

Lab File: BM044739.D

Acq: 22 Mar 2024 17:50

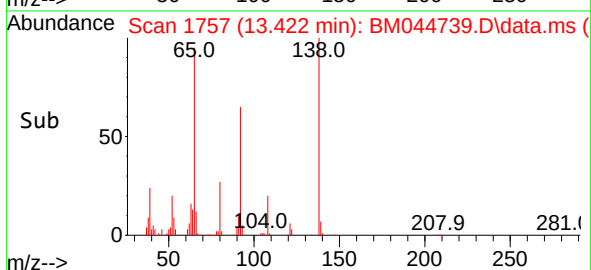
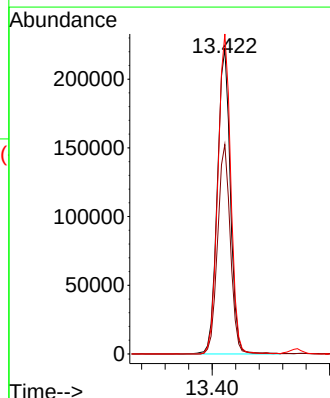
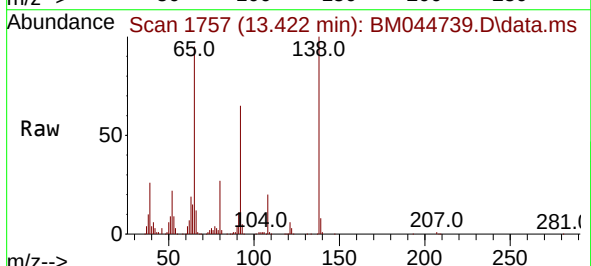
Tgt Ion: 65 Resp: 342213

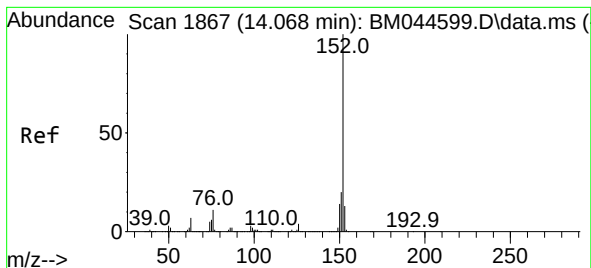
Ion Ratio Lower Upper

65 100

92 68.6 53.3 79.9

138 104.7 84.3 126.5





#49

Acenaphthylene

Concen: 48.294 ng

RT: 14.051 min Scan# 1864

Delta R.T. -0.017 min

Lab File: BM044739.D

Acq: 22 Mar 2024 17:50

Instrument :

BNA_M

ClientSampleId :

PB159682BS

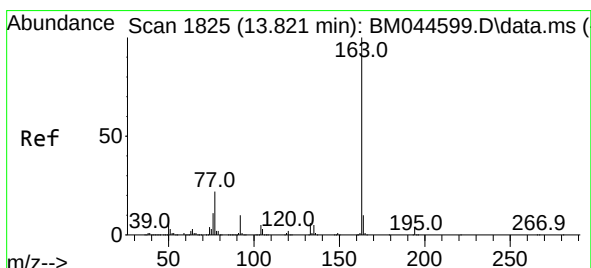
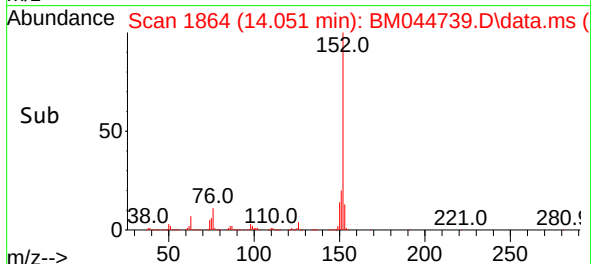
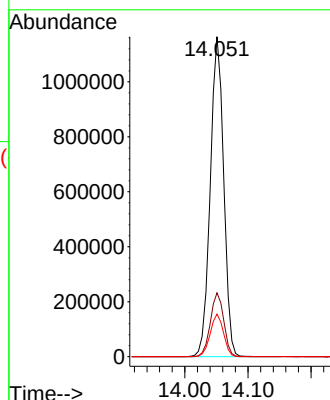
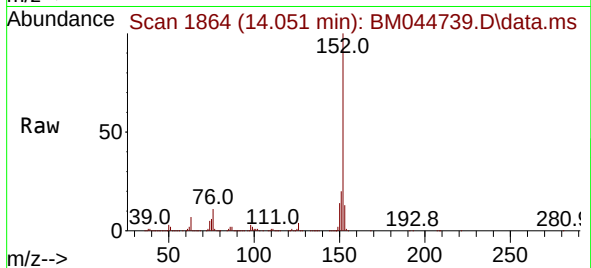
Tgt Ion:152 Resp: 1714055

Ion Ratio Lower Upper

152 100

151 20.0 16.0 24.0

153 13.3 10.6 15.8



#50

Dimethylphthalate

Concen: 44.154 ng

RT: 13.804 min Scan# 1822

Delta R.T. -0.017 min

Lab File: BM044739.D

Acq: 22 Mar 2024 17:50

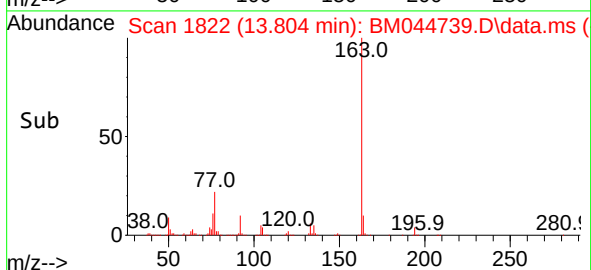
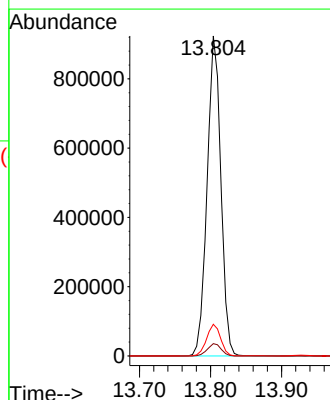
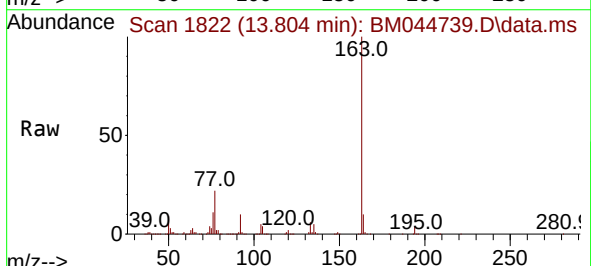
Tgt Ion:163 Resp: 1244141

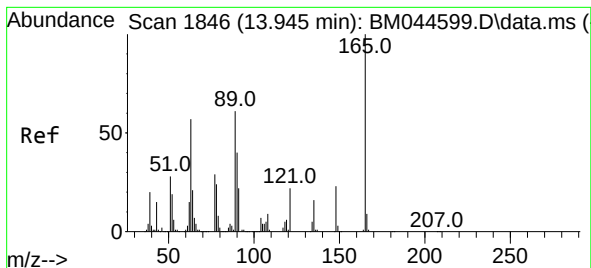
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

164 9.9 8.0 12.0

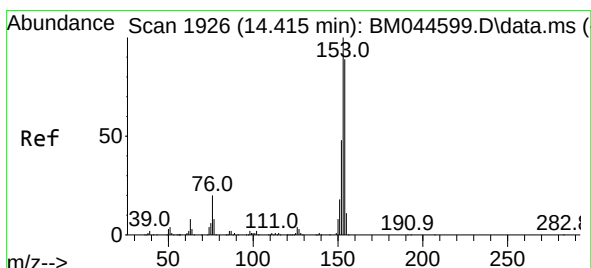
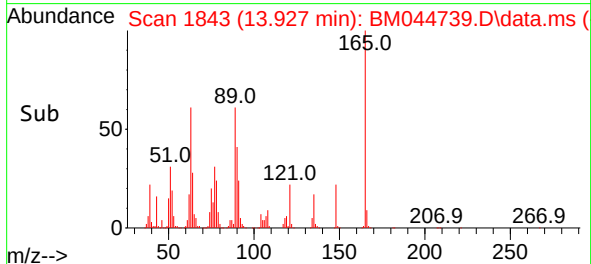
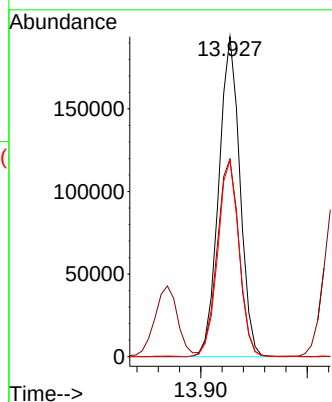
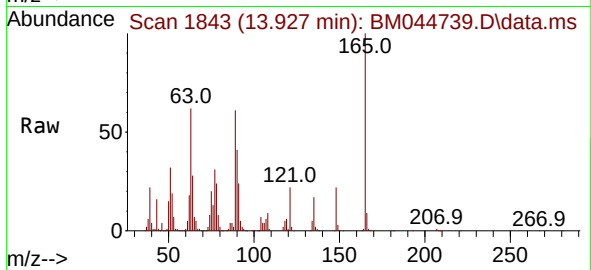




#51
2,6-Dinitrotoluene
Concen: 45.337 ng
RT: 13.927 min Scan# 1843
Delta R.T. -0.018 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

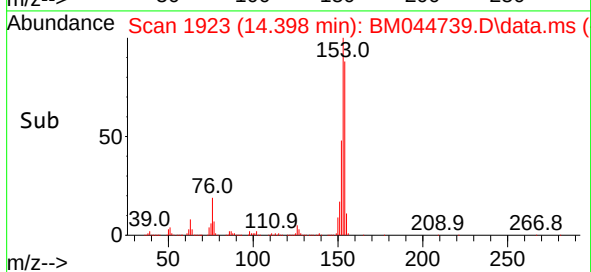
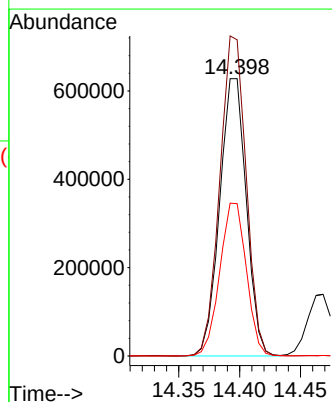
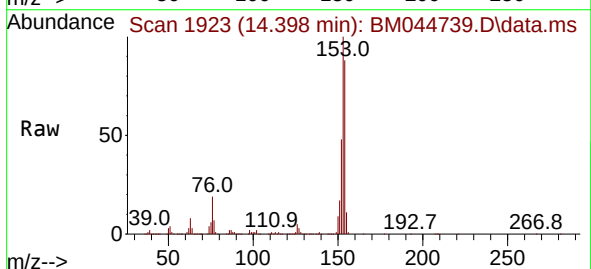
Instrument :
BNA_M
ClientSampleId :
PB159682BS

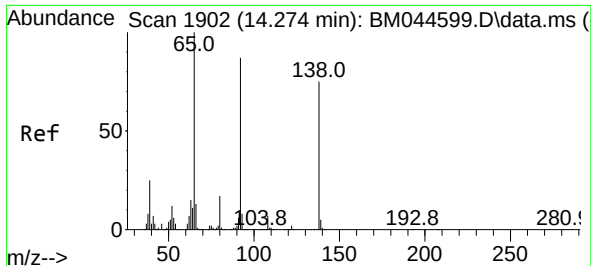
Tgt Ion:165 Resp: 266023
Ion Ratio Lower Upper
165 100
63 61.7 50.4 75.6
89 61.3 49.3 73.9



#52
Acenaphthene
Concen: 44.492 ng
RT: 14.398 min Scan# 1923
Delta R.T. -0.017 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

Tgt Ion:154 Resp: 954577
Ion Ratio Lower Upper
154 100
153 114.1 90.3 135.5
152 54.9 43.1 64.7

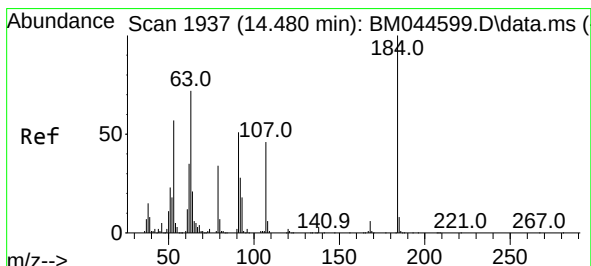
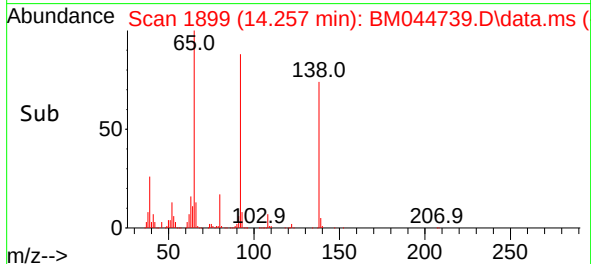
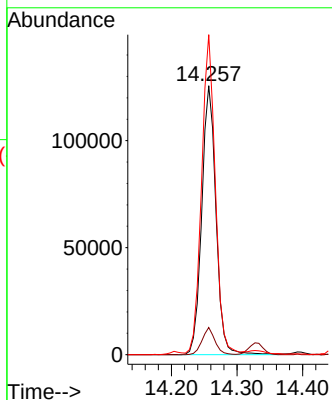
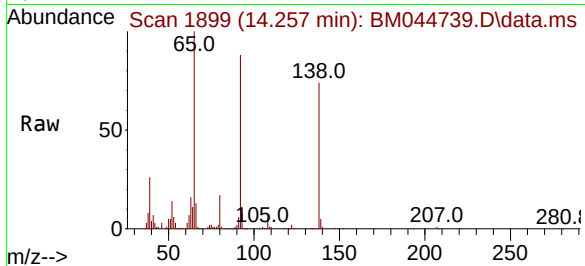




#53
3-Nitroaniline
Concen: 27.692 ng
RT: 14.257 min Scan# 1899
Delta R.T. -0.017 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

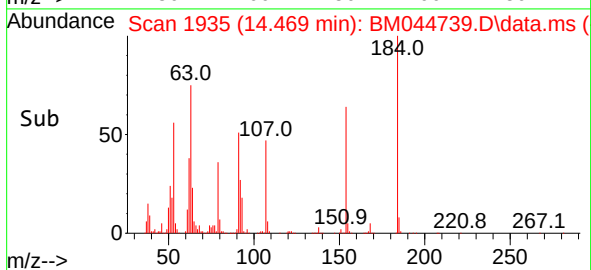
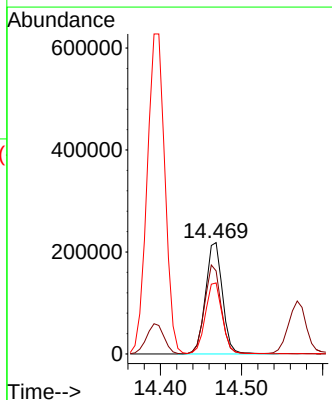
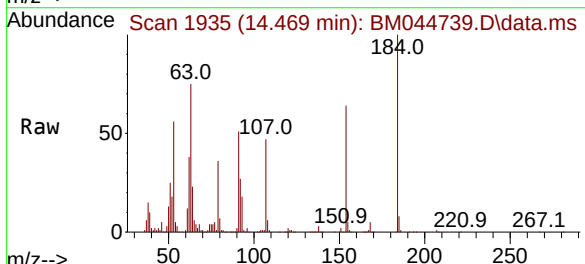
Instrument :
BNA_M
ClientSampleId :
PB159682BS

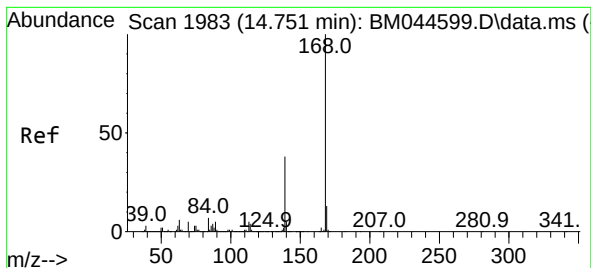
Tgt Ion:138 Resp: 190271
Ion Ratio Lower Upper
138 100
108 10.1 7.5 11.3
92 119.0 92.8 139.2



#54
2,4-Dinitrophenol
Concen: 82.179 ng
RT: 14.469 min Scan# 1935
Delta R.T. -0.011 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

Tgt Ion:184 Resp: 315985
Ion Ratio Lower Upper
184 100
63 74.5 62.2 93.2
154 63.8 47.9 71.9





#55

Dibenzenofuran

Concen: 44.419 ng

RT: 14.733 min Scan# 1980

Delta R.T. -0.018 min

Lab File: BM044739.D

Acq: 22 Mar 2024 17:50

Instrument :

BNA_M

ClientSampleId :

PB159682BS

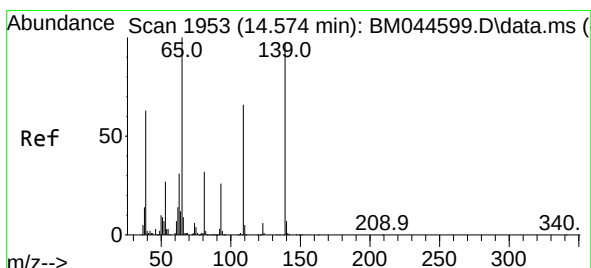
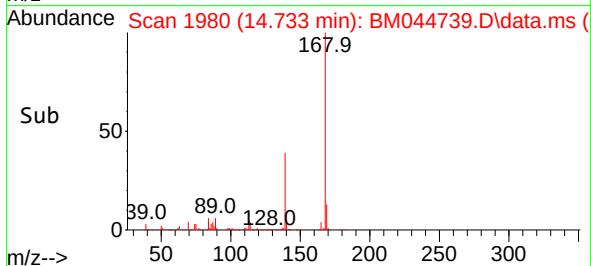
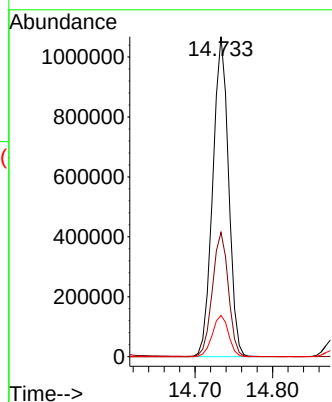
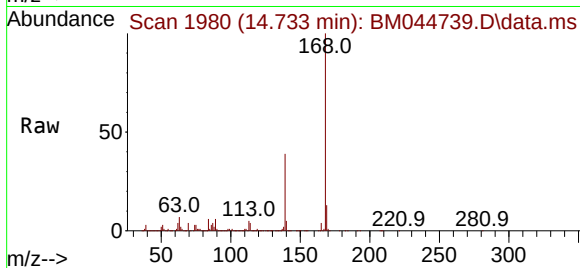
Tgt Ion:168 Resp: 1512518

Ion Ratio Lower Upper

168 100

139 38.8 30.6 46.0

169 12.9 10.6 16.0



#56

4-Nitrophenol

Concen: 90.356 ng

RT: 14.569 min Scan# 1952

Delta R.T. -0.005 min

Lab File: BM044739.D

Acq: 22 Mar 2024 17:50

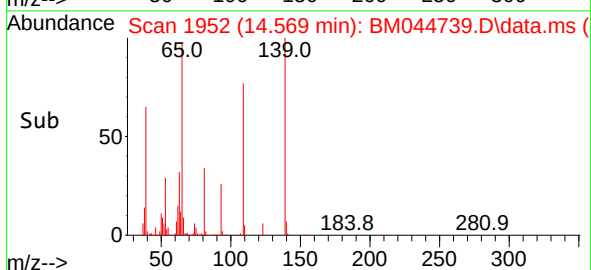
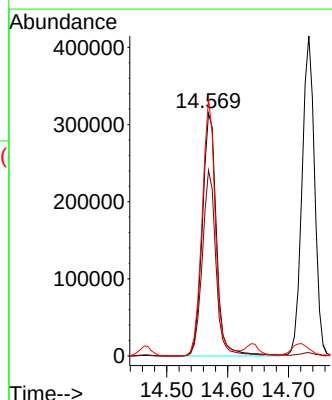
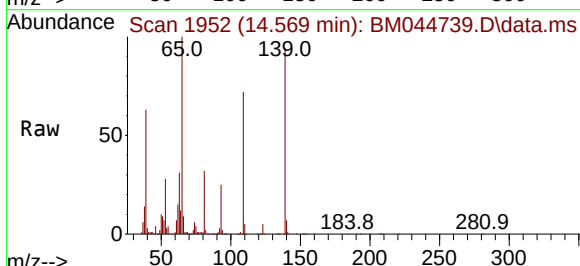
Tgt Ion:139 Resp: 509872

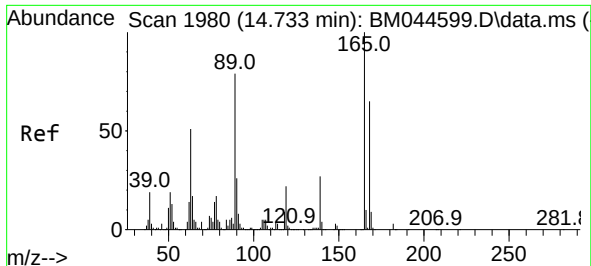
Ion Ratio Lower Upper

139 100

109 76.5 48.0 88.0

65 106.0 83.5 123.5

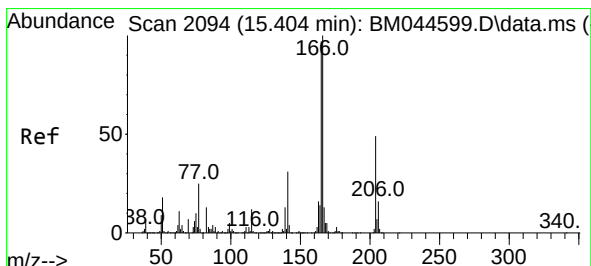
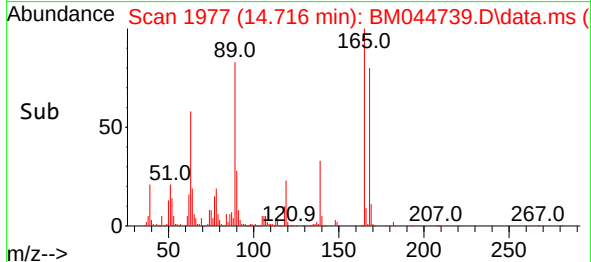
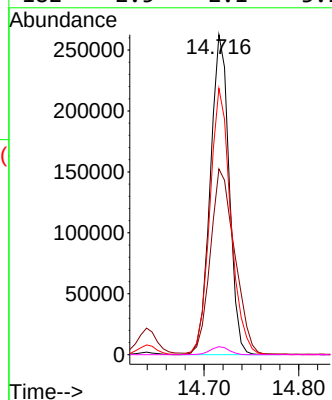
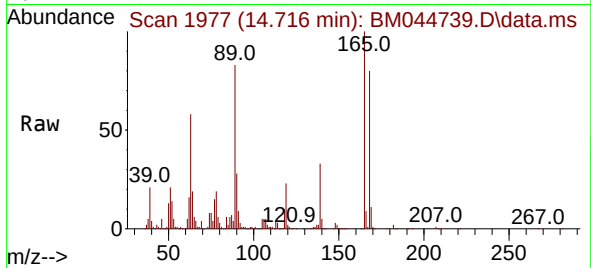




#57
2,4-Dinitrotoluene
Concen: 47.312 ng
RT: 14.716 min Scan# 1980
Delta R.T. -0.018 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

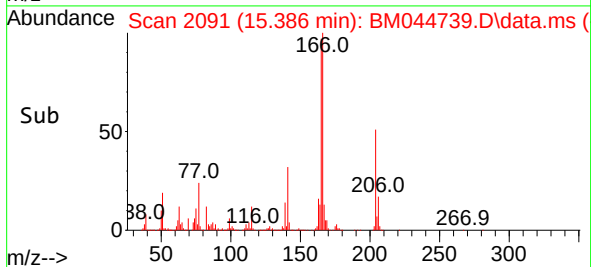
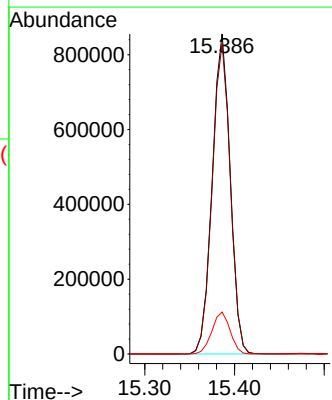
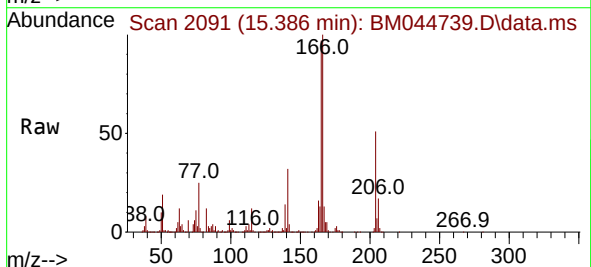
Instrument :
BNA_M
ClientSampleId :
PB159682BS

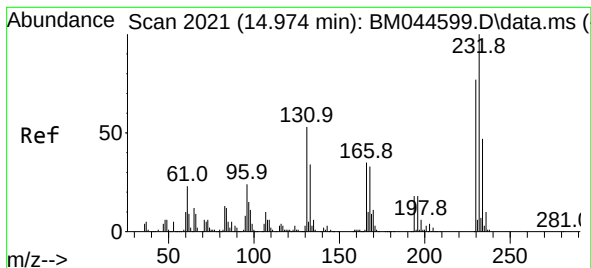
Tgt Ion:165 Resp: 362738
Ion Ratio Lower Upper
165 100
63 58.0 40.9 61.3
89 83.2 63.4 95.0
182 2.5 2.1 3.1



#58
Fluorene
Concen: 44.821 ng
RT: 15.386 min Scan# 2091
Delta R.T. -0.018 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

Tgt Ion:166 Resp: 1188513
Ion Ratio Lower Upper
166 100
165 97.0 77.7 116.5
167 13.1 10.8 16.2

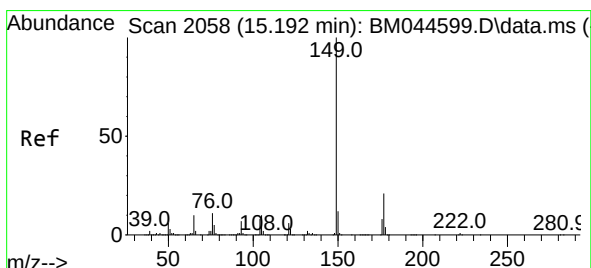
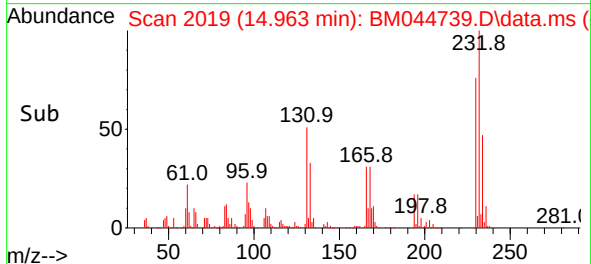
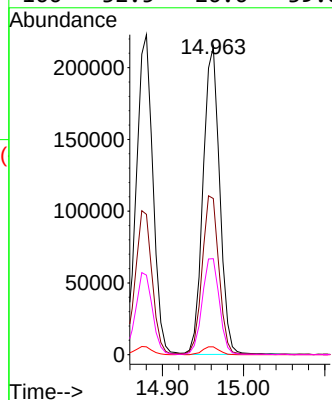
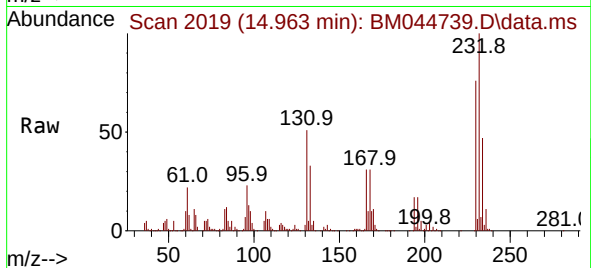




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.852 ng
RT: 14.963 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

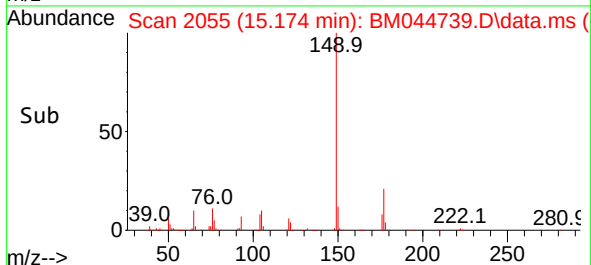
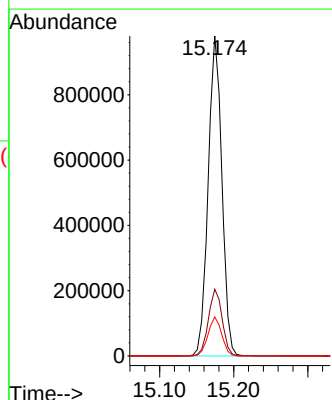
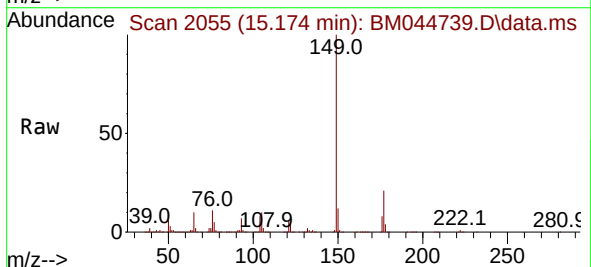
Instrument :
BNA_M
ClientSampleId :
PB159682BS

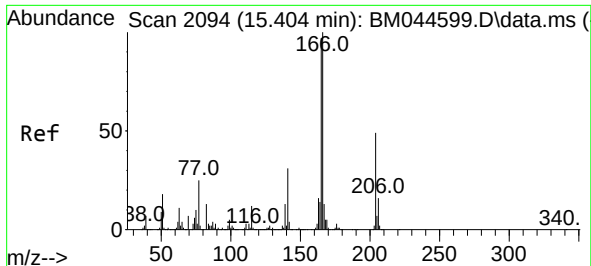
Tgt Ion:232 Resp: 304490
Ion Ratio Lower Upper
232 100
131 52.0 41.0 61.4
130 2.6 2.1 3.1
166 32.5 26.6 39.8



#60
Diethylphthalate
Concen: 44.105 ng
RT: 15.174 min Scan# 2055
Delta R.T. -0.017 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

Tgt Ion:149 Resp: 1258044
Ion Ratio Lower Upper
149 100
177 20.9 16.8 25.2
150 12.2 9.8 14.8

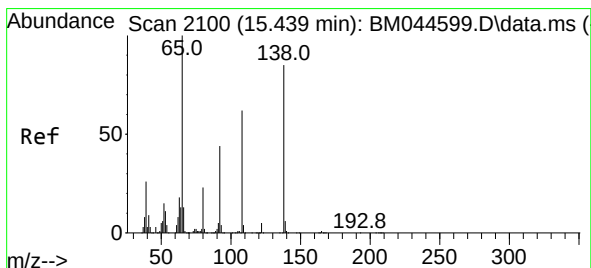
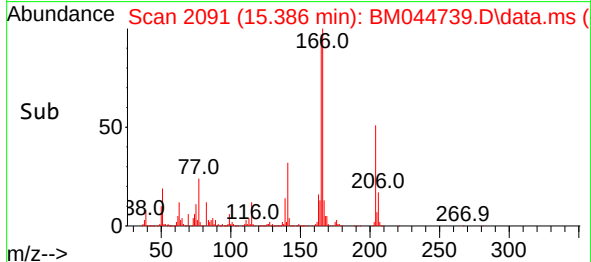
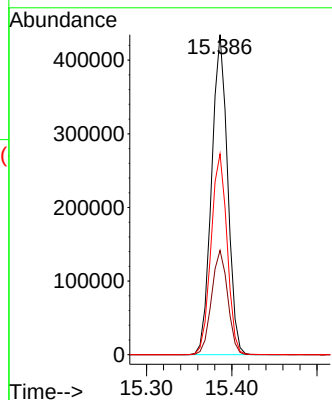
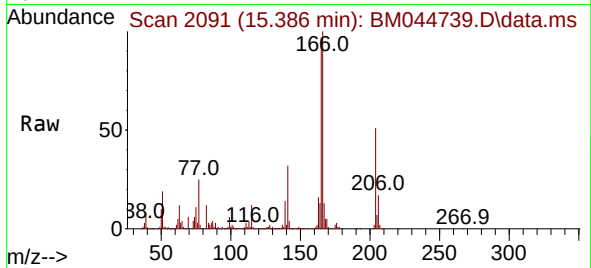




#61
4-Chlorophenyl-phenylether
Concen: 44.545 ng
RT: 15.386 min Scan# 2091
Delta R.T. -0.018 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

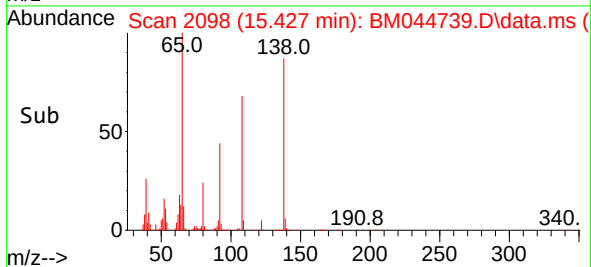
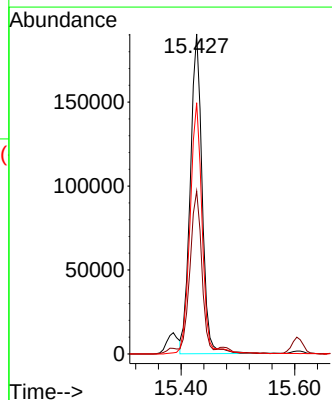
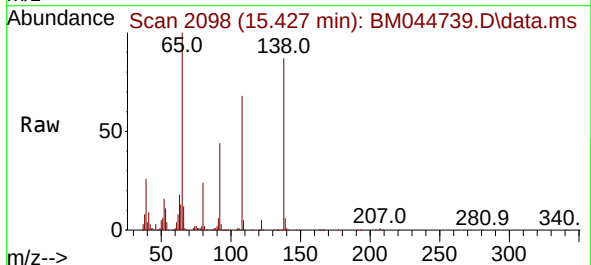
Instrument :
BNA_M
ClientSampleId :
PB159682BS

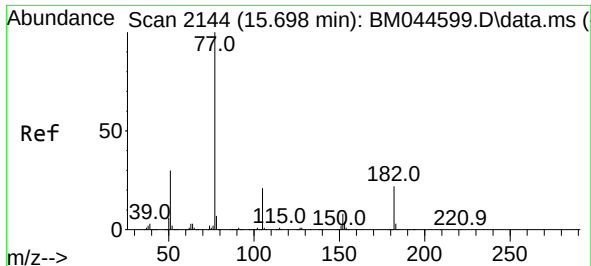
Tgt Ion:204 Resp: 567055
Ion Ratio Lower Upper
204 100
206 32.6 25.9 38.9
141 62.7 49.8 74.8



#62
4-Nitroaniline
Concen: 40.352 ng
RT: 15.427 min Scan# 2098
Delta R.T. -0.012 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

Tgt Ion:138 Resp: 276952
Ion Ratio Lower Upper
138 100
92 50.9 31.9 71.9
108 78.5 53.7 93.7

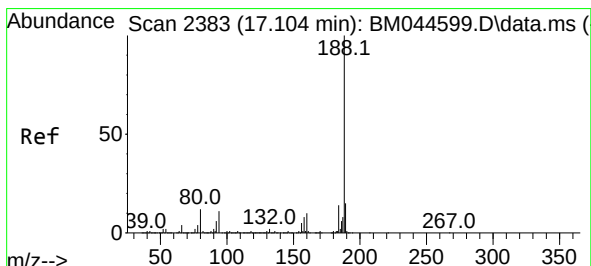
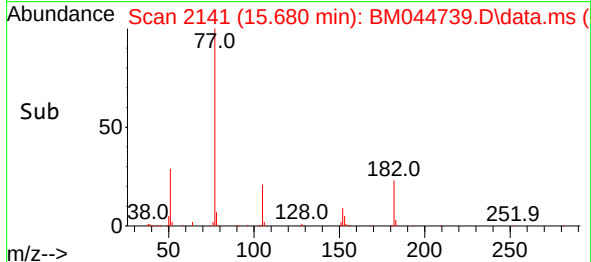
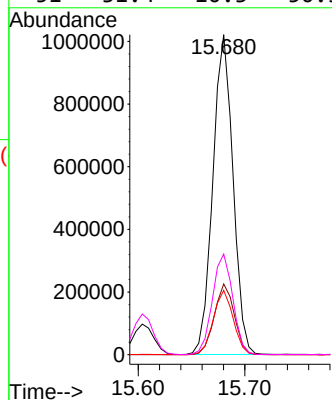
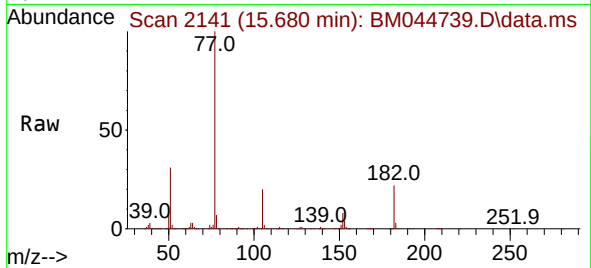




#63
Azobenzene
Concen: 45.441 ng
RT: 15.680 min Scan# 2144
Delta R.T. -0.017 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

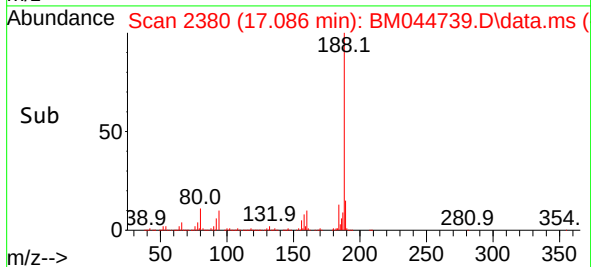
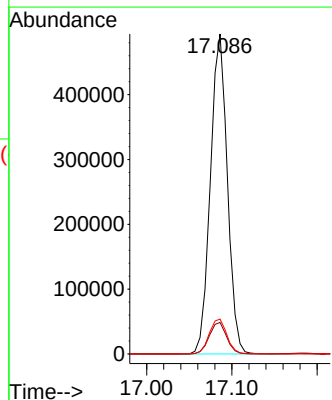
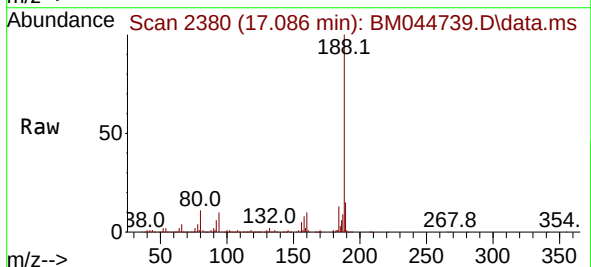
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ClientSampleId :
PB159682BS

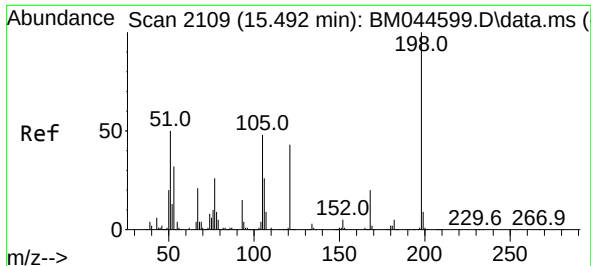
Tgt Ion: 77 Resp: 1339832
Ion Ratio Lower Upper
77 100
182 22.1 1.8 41.8
105 20.1 0.7 40.7
51 31.4 10.3 50.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.086 min Scan# 2380
Delta R.T. -0.017 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

Tgt Ion: 188 Resp: 684205
Ion Ratio Lower Upper
188 100
94 9.9 8.4 12.6
80 10.9 9.4 14.0

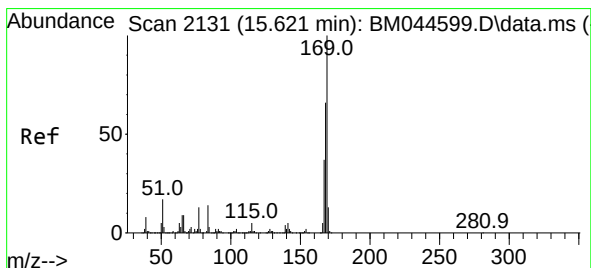
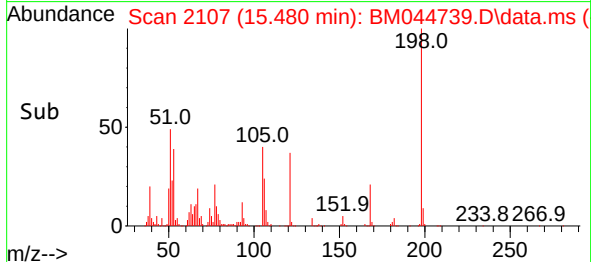
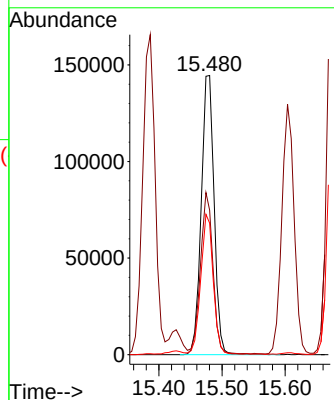
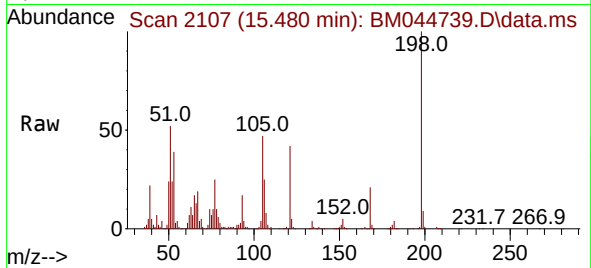




#65
4,6-Dinitro-2-methylphenol
Concen: 47.534 ng
RT: 15.480 min Scan# 2107
Delta R.T. -0.012 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

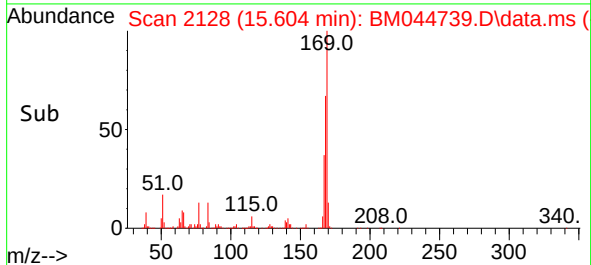
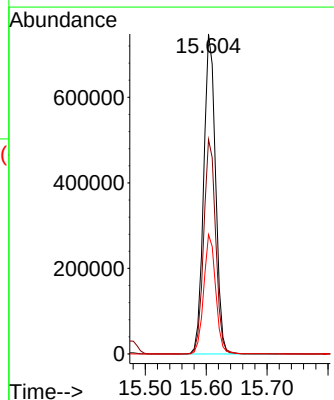
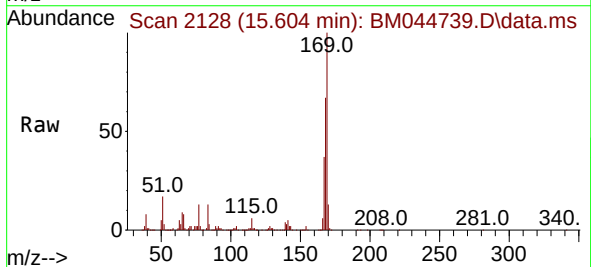
Instrument :
BNA_M
ClientSampleId :
PB159682BS

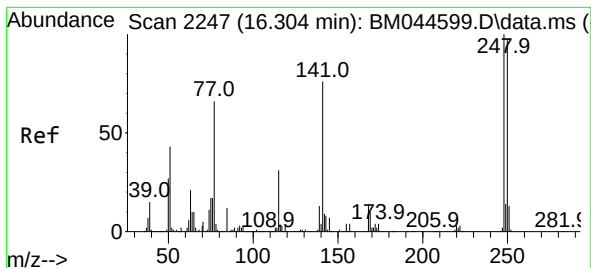
Tgt Ion:198 Resp: 203963
Ion Ratio Lower Upper
198 100
51 51.8 35.0 75.0
105 47.1 28.5 68.5



#66
n-Nitrosodiphenylamine
Concen: 47.562 ng
RT: 15.604 min Scan# 2128
Delta R.T. -0.017 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

Tgt Ion:169 Resp: 1014195
Ion Ratio Lower Upper
169 100
168 67.0 53.1 79.7
167 37.3 29.5 44.3

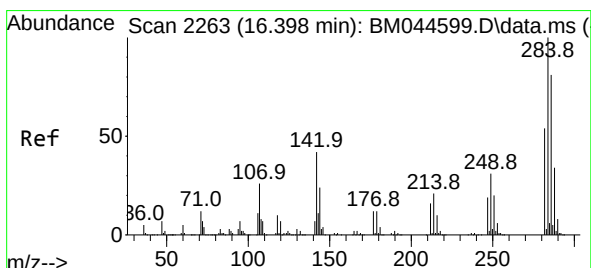
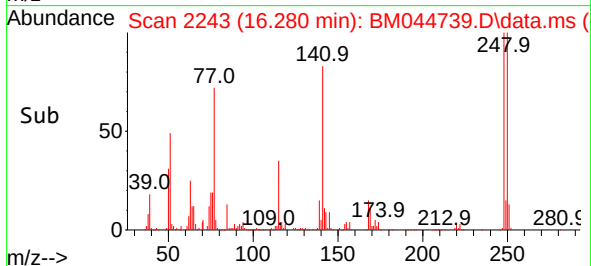
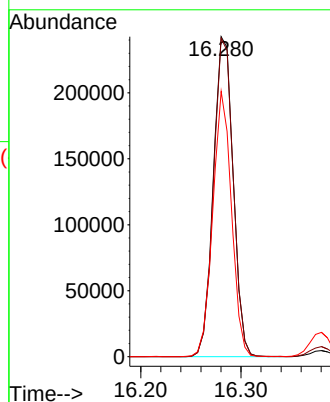
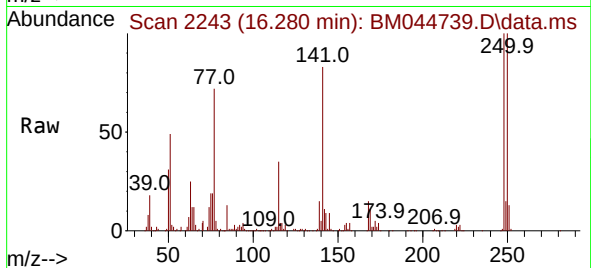




#67
4-Bromophenyl-phenylether
Concen: 47.044 ng
RT: 16.280 min Scan# 21
Delta R.T. -0.023 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

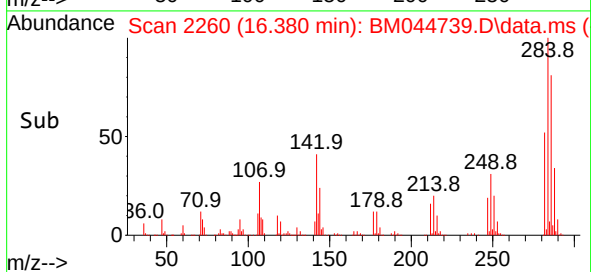
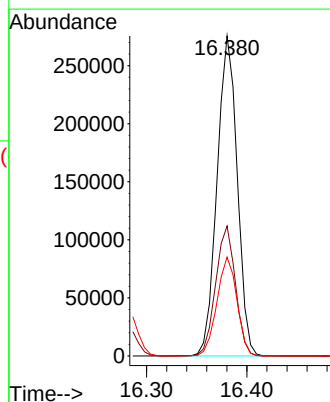
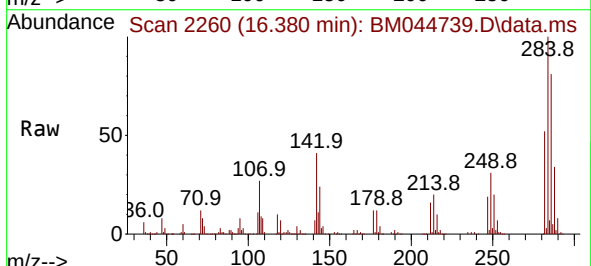
Instrument :
BNA_M
ClientSampleId :
PB159682BS

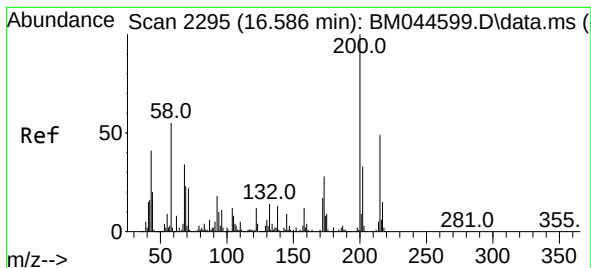
Tgt Ion:248 Resp: 332938
Ion Ratio Lower Upper
248 100
250 99.5 77.8 116.8
141 82.9 60.6 90.8



#68
Hexachlorobenzene
Concen: 51.098 ng
RT: 16.380 min Scan# 2260
Delta R.T. -0.018 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

Tgt Ion:284 Resp: 384407
Ion Ratio Lower Upper
284 100
142 40.6 33.7 50.5
249 30.9 24.8 37.2





#69

Atrazine

Concen: 49.437 ng

RT: 16.568 min Scan# 21

Delta R.T. -0.017 min

Lab File: BM044739.D

Acq: 22 Mar 2024 17:50

Instrument :

BNA_M

ClientSampleId :

PB159682BS

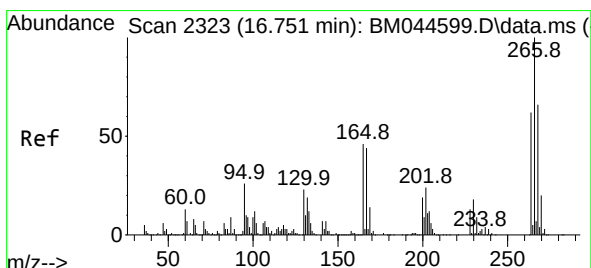
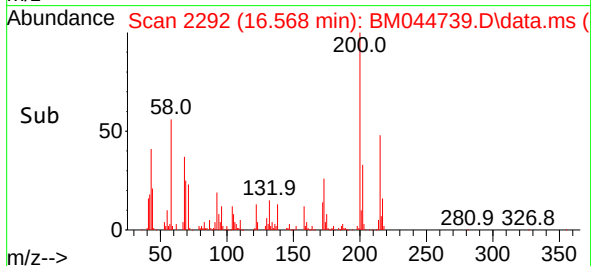
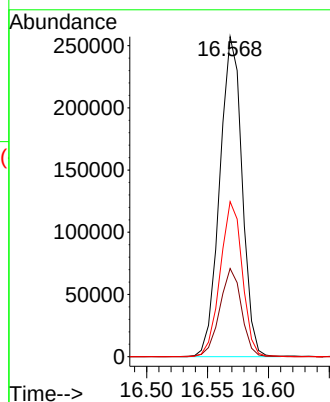
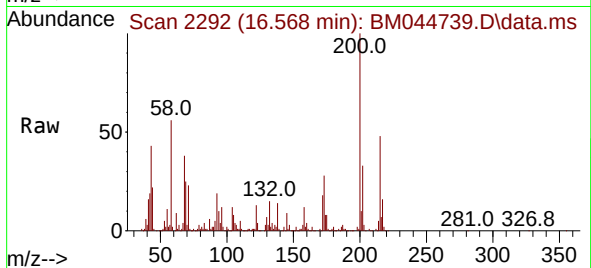
Tgt Ion:200 Resp: 329416

Ion Ratio Lower Upper

200 100

173 27.6 7.7 47.7

215 48.4 28.7 68.7



#70

Pentachlorophenol

Concen: 97.657 ng

RT: 16.733 min Scan# 2320

Delta R.T. -0.017 min

Lab File: BM044739.D

Acq: 22 Mar 2024 17:50

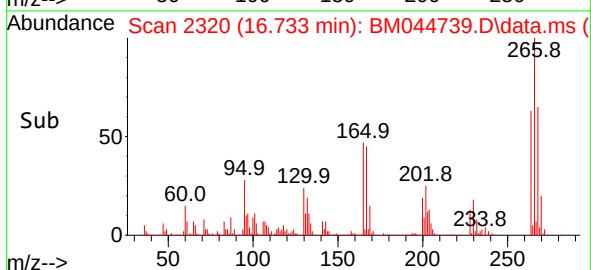
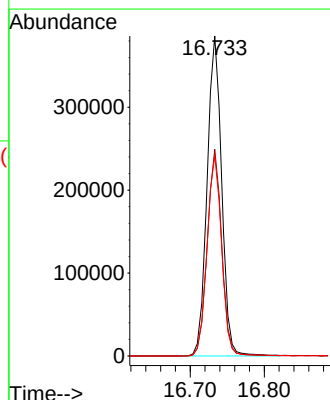
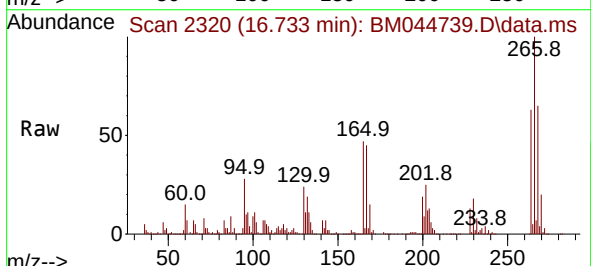
Tgt Ion:266 Resp: 528460

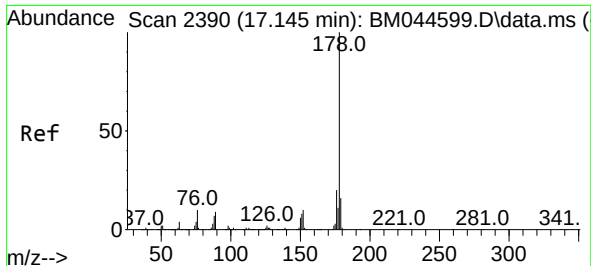
Ion Ratio Lower Upper

266 100

268 64.5 52.4 78.6

264 62.5 49.8 74.8

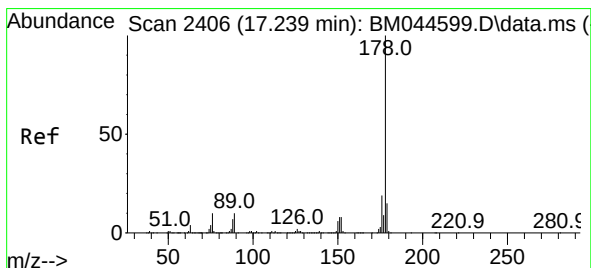
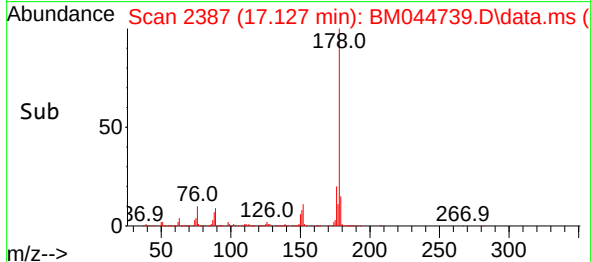
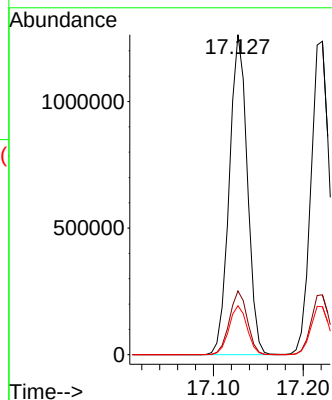
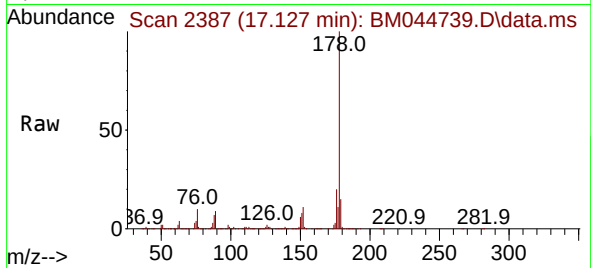




#71
Phenanthrene
Concen: 46.605 ng
RT: 17.127 min Scan# 21
Delta R.T. -0.017 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

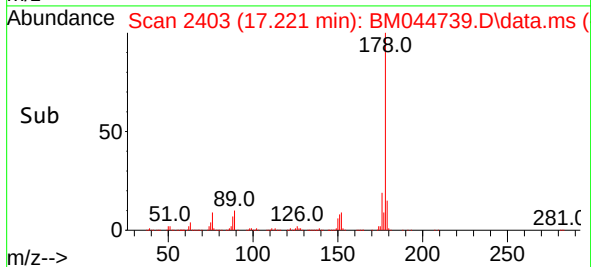
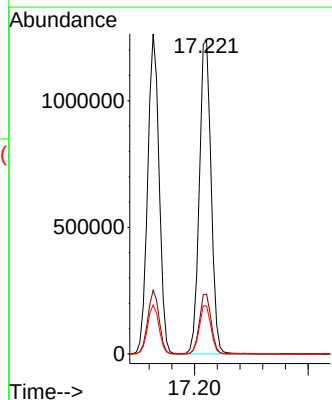
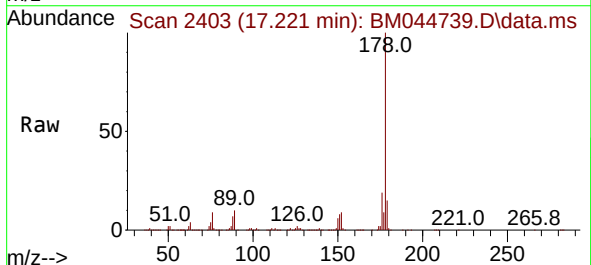
Instrument :
BNA_M
ClientSampleId :
PB159682BS

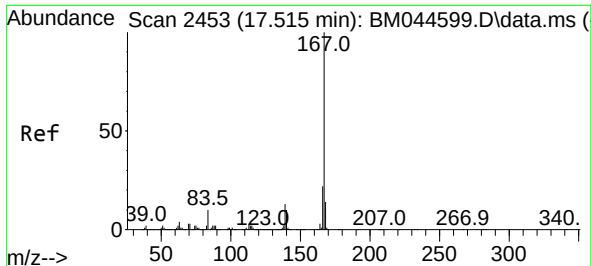
Tgt Ion:178 Resp: 1762177
Ion Ratio Lower Upper
178 100
176 19.9 15.7 23.5
179 15.3 12.4 18.6



#72
Anthracene
Concen: 47.092 ng
RT: 17.221 min Scan# 2403
Delta R.T. -0.017 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

Tgt Ion:178 Resp: 1785817
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.3 12.2 18.4

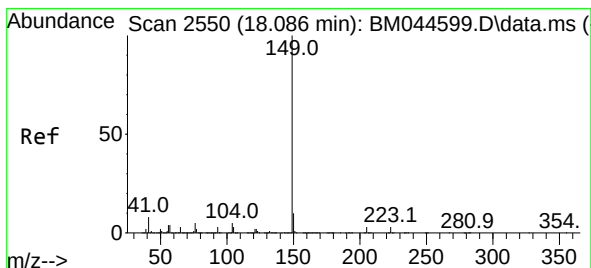
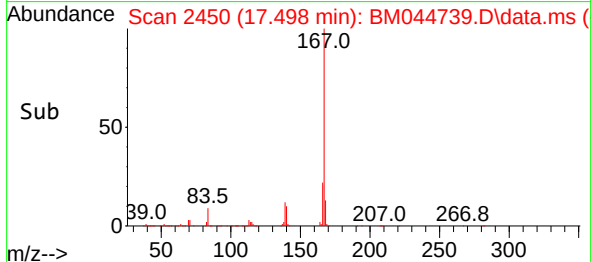
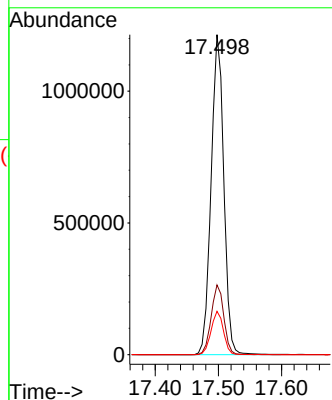
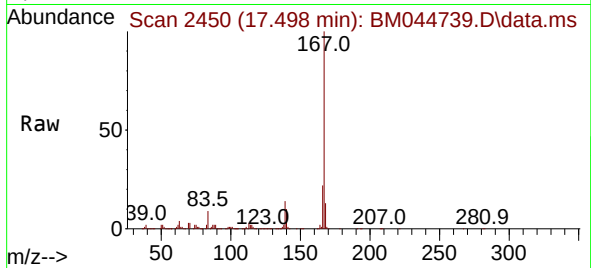




#73
 Carbazole
 Concen: 47.327 ng
 RT: 17.498 min Scan# 24
 Delta R.T. -0.017 min
 Lab File: BM044739.D
 Acq: 22 Mar 2024 17:50

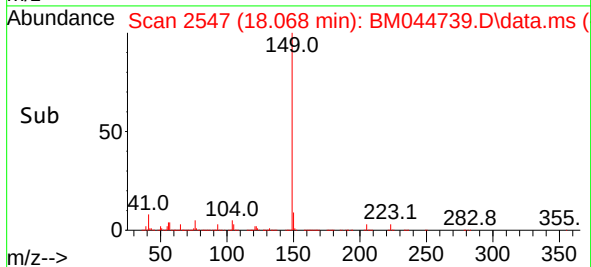
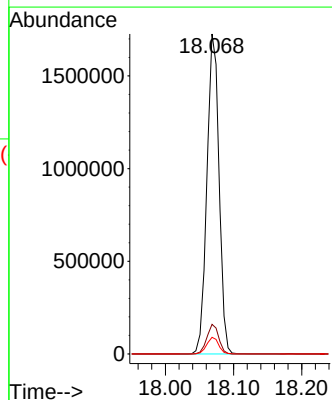
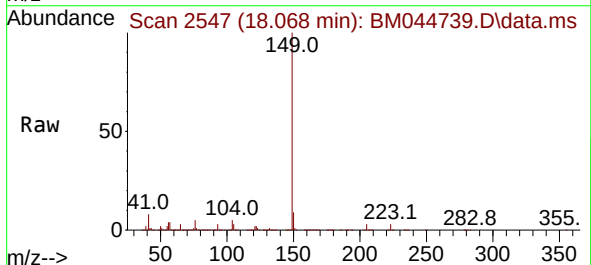
Instrument :
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 ClientSampleId :
 PB159682BS

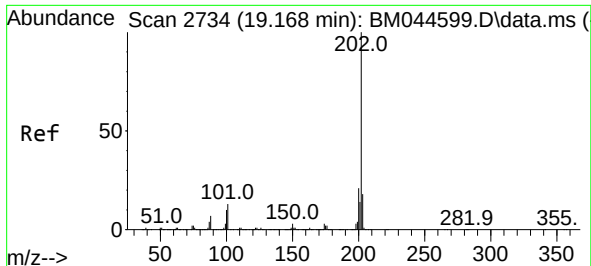
Tgt Ion:167 Resp: 1690340
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.2 25.8
 139 13.6 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 46.358 ng
 RT: 18.068 min Scan# 2547
 Delta R.T. -0.017 min
 Lab File: BM044739.D
 Acq: 22 Mar 2024 17:50

Tgt Ion:149 Resp: 2133469
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.6 11.4
 104 5.2 4.0 6.0

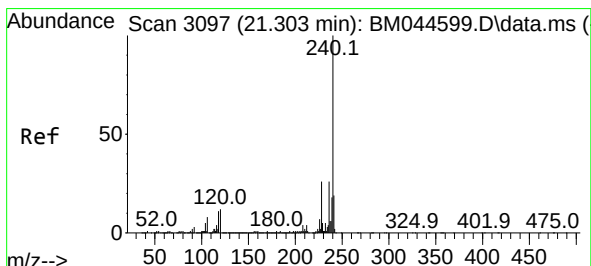
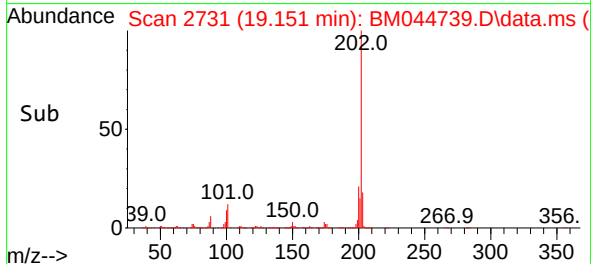
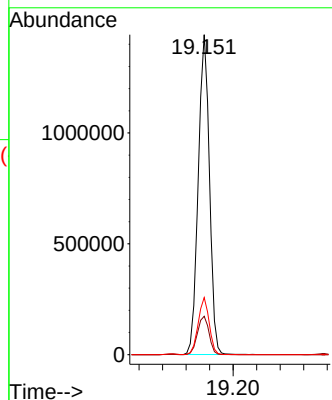
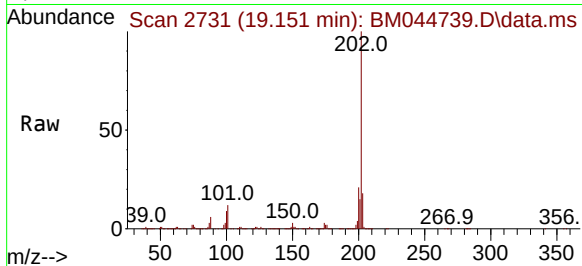




#75
Fluoranthene
Concen: 45.122 ng
RT: 19.151 min Scan# 21
Delta R.T. -0.017 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

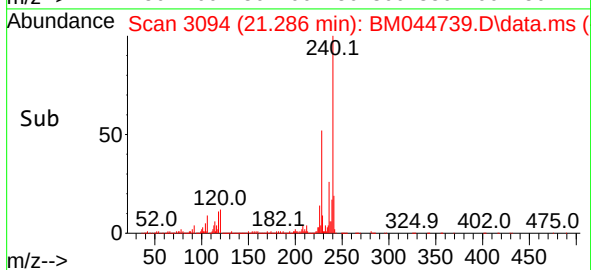
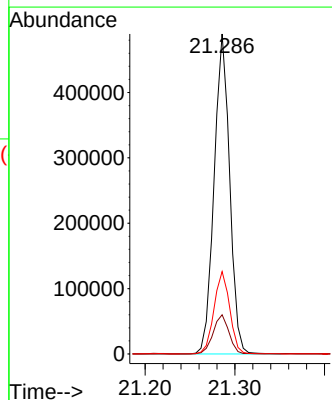
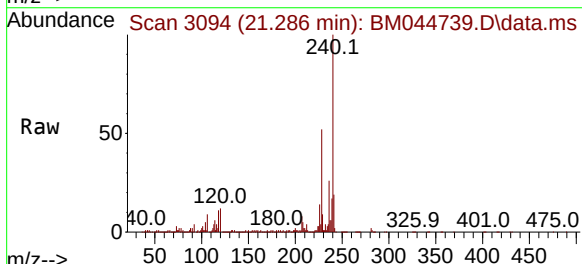
Instrument :
BNA_M
ClientSampleId :
PB159682BS

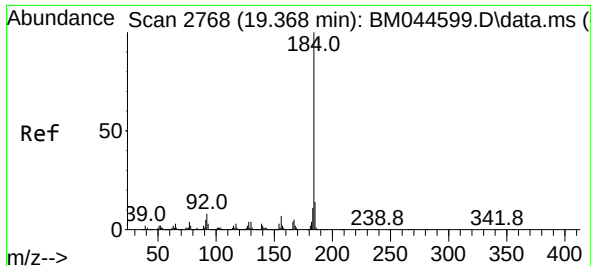
Tgt Ion:202 Resp: 1907165
Ion Ratio Lower Upper
202 100
101 12.0 0.0 33.3
203 17.9 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.286 min Scan# 3094
Delta R.T. -0.017 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

Tgt Ion:240 Resp: 588703
Ion Ratio Lower Upper
240 100
120 12.3 9.7 14.5
236 25.7 21.0 31.4

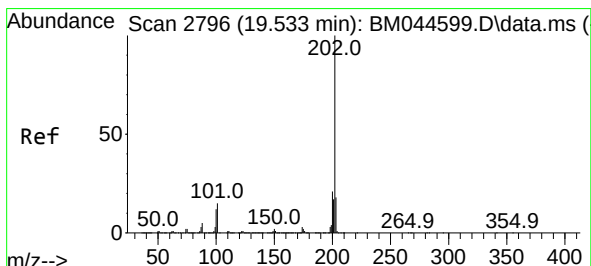
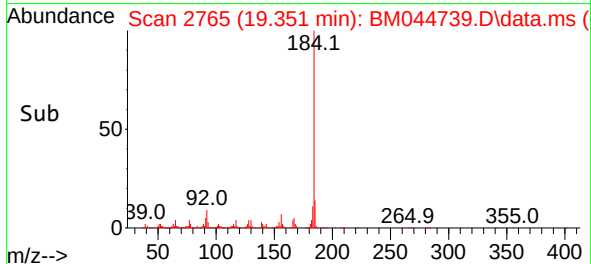
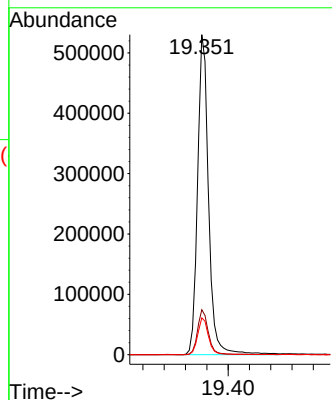
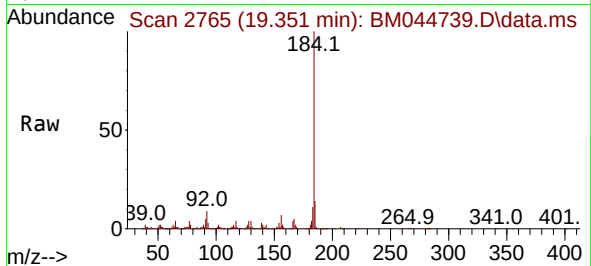




#77
Benzidine
Concen: 50.083 ng
RT: 19.351 min Scan# 21
Delta R.T. -0.017 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

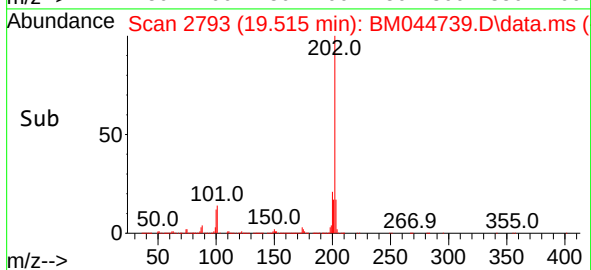
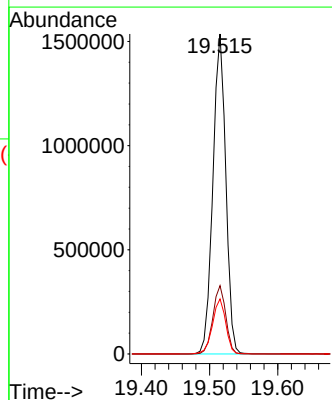
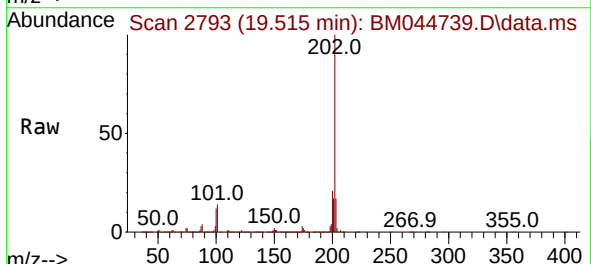
Instrument :
BNA_M
ClientSampleId :
PB159682BS

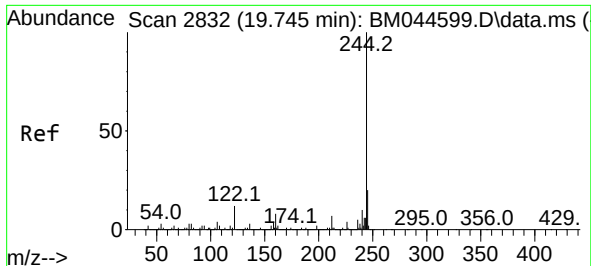
Tgt Ion:184 Resp: 762026
Ion Ratio Lower Upper
184 100
185 14.1 11.0 16.6
183 11.5 8.7 13.1



#78
Pyrene
Concen: 46.943 ng
RT: 19.515 min Scan# 2793
Delta R.T. -0.018 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

Tgt Ion:202 Resp: 2025469
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.4
203 17.2 14.1 21.1

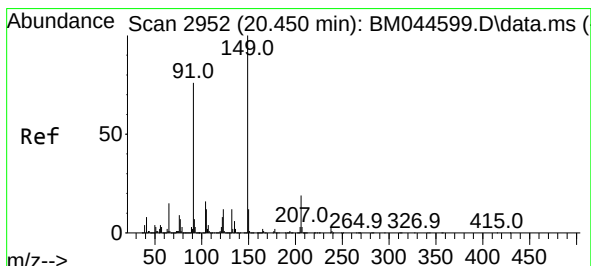
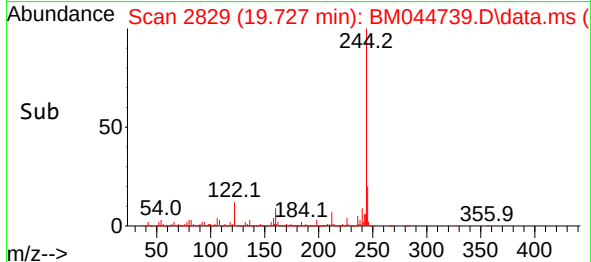
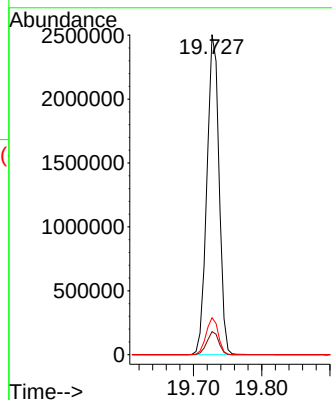
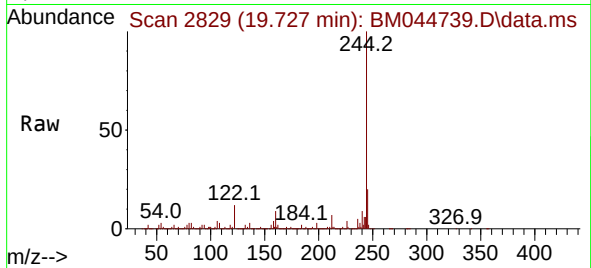




#79
 Terphenyl-d14
 Concen: 92.360 ng
 RT: 19.727 min Scan# 21
 Delta R.T. -0.017 min
 Lab File: BM044739.D
 Acq: 22 Mar 2024 17:50

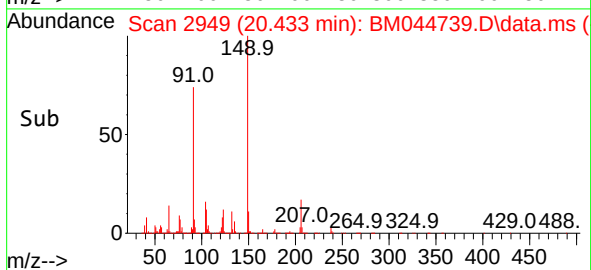
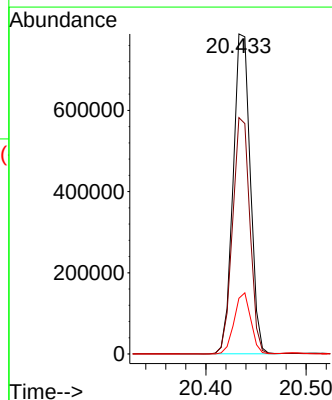
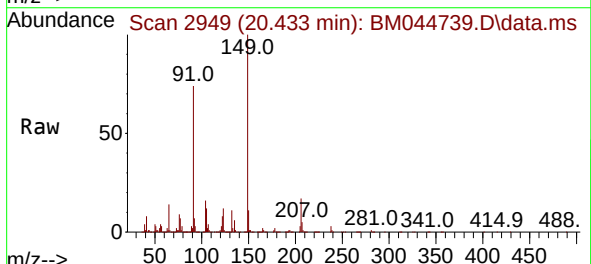
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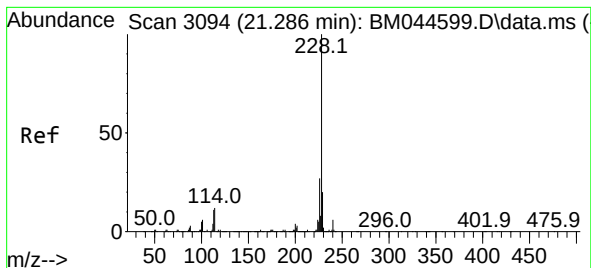
Tgt Ion:244 Resp: 3108148
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.5 8.3
 122 11.6 9.7 14.5



#80
 Butylbenzylphthalate
 Concen: 48.240 ng
 RT: 20.433 min Scan# 2949
 Delta R.T. -0.017 min
 Lab File: BM044739.D
 Acq: 22 Mar 2024 17:50

Tgt Ion:149 Resp: 938051
 Ion Ratio Lower Upper
 149 100
 91 73.8 61.0 91.6
 206 17.4 15.0 22.6





#81

Benzo(a)anthracene

Concen: 47.422 ng

RT: 21.268 min Scan# 3094

Delta R.T. -0.017 min

Lab File: BM044739.D

Acq: 22 Mar 2024 17:50

Instrument :

BNA_M

ClientSampleId :

PB159682BS

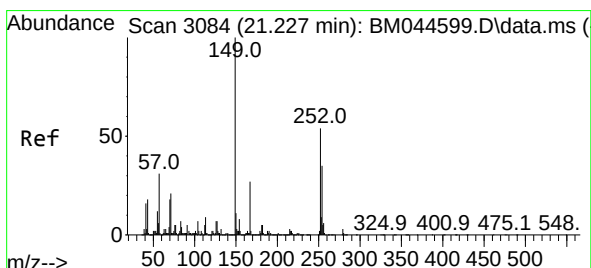
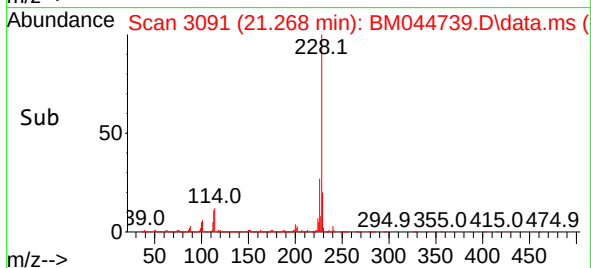
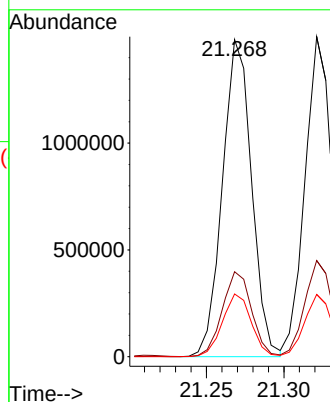
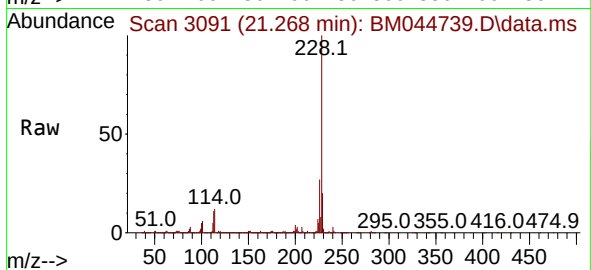
Tgt Ion:228 Resp: 1942518

Ion Ratio Lower Upper

228 100

226 26.8 21.9 32.9

229 19.8 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 37.931 ng

RT: 21.215 min Scan# 3082

Delta R.T. -0.012 min

Lab File: BM044739.D

Acq: 22 Mar 2024 17:50

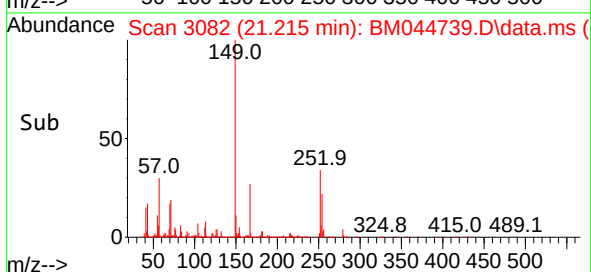
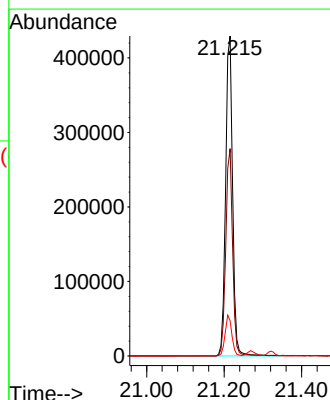
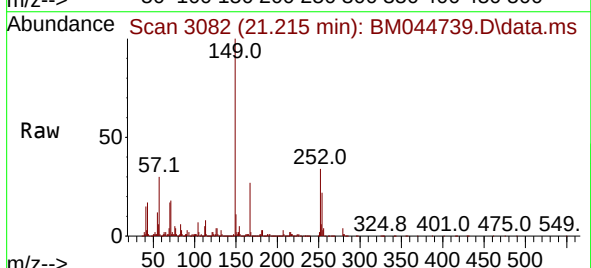
Tgt Ion:252 Resp: 535121

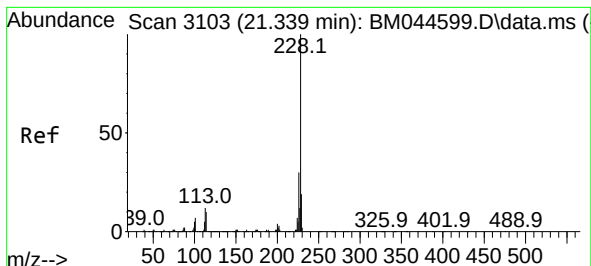
Ion Ratio Lower Upper

252 100

254 64.8 51.4 77.0

126 11.0 9.8 14.6





#83

Chrysene

Concen: 46.455 ng

RT: 21.321 min Scan# 31

Delta R.T. -0.017 min

Lab File: BM044739.D

Acq: 22 Mar 2024 17:50

Instrument :

BNA_M

ClientSampleId :

PB159682BS

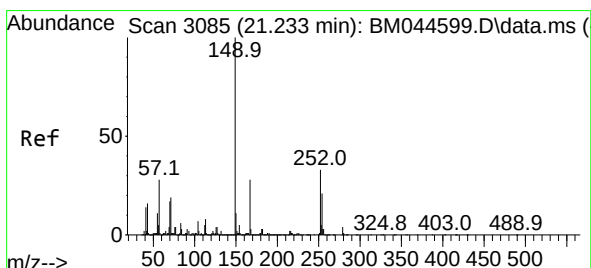
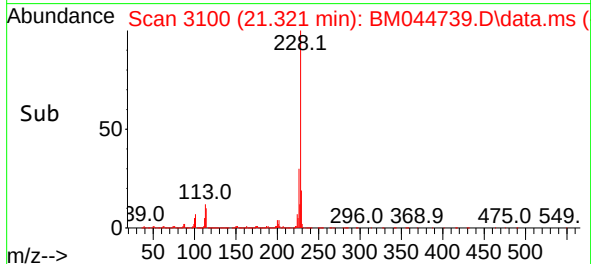
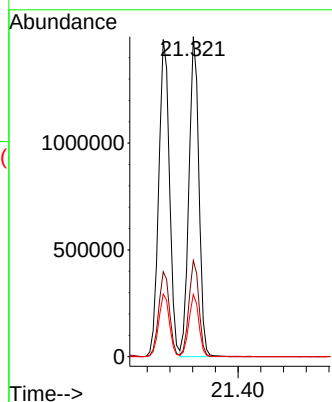
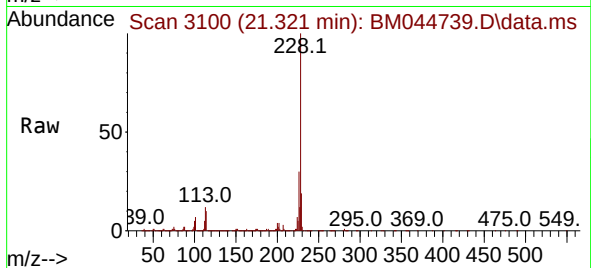
Tgt Ion:228 Resp: 1818336

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: 47.431 ng

RT: 21.215 min Scan# 3082

Delta R.T. -0.018 min

Lab File: BM044739.D

Acq: 22 Mar 2024 17:50

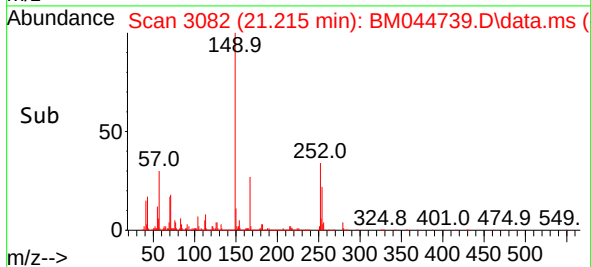
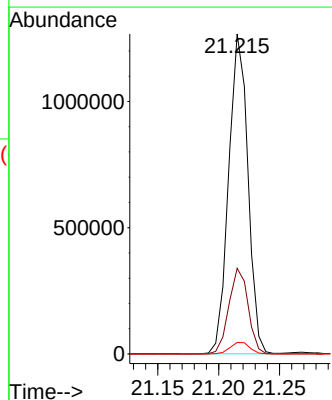
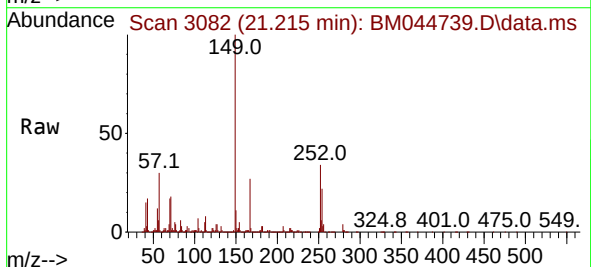
Tgt Ion:149 Resp: 1389509

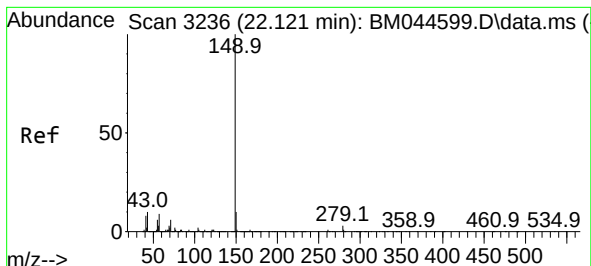
Ion Ratio Lower Upper

149 100

167 26.7 22.1 33.1

279 3.6 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 47.302 ng

RT: 22.103 min Scan# 31

Delta R.T. -0.017 min

Lab File: BM044739.D

Acq: 22 Mar 2024 17:50

Instrument :

BNA_M

ClientSampleId :

PB159682BS

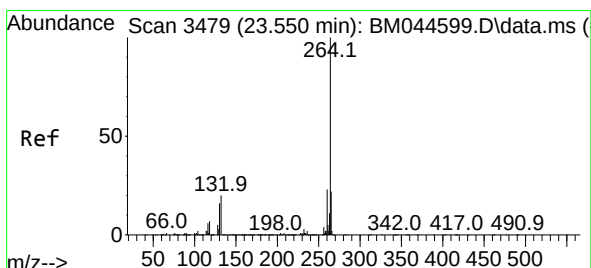
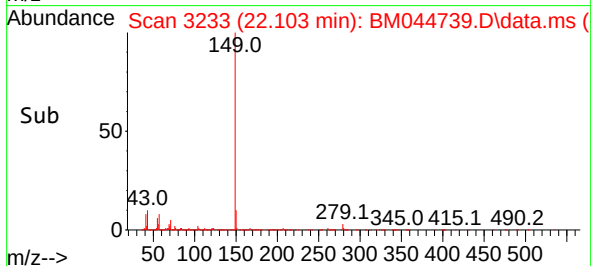
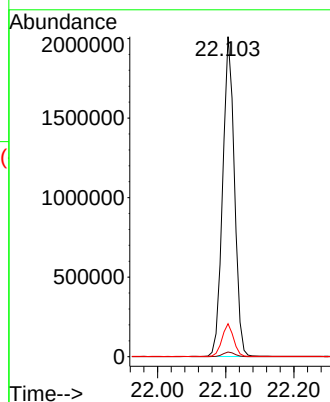
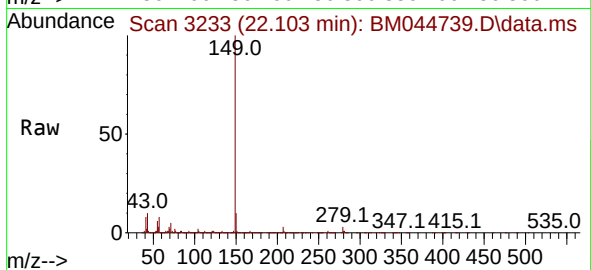
Tgt Ion:149 Resp: 2403701

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.0 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.527 min Scan# 3475

Delta R.T. -0.023 min

Lab File: BM044739.D

Acq: 22 Mar 2024 17:50

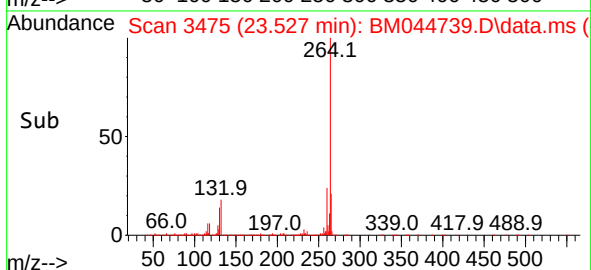
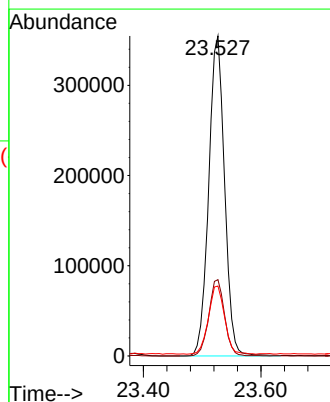
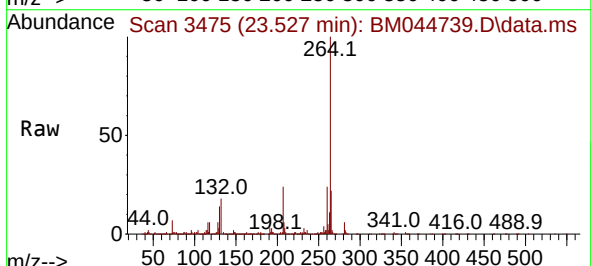
Tgt Ion:264 Resp: 664511

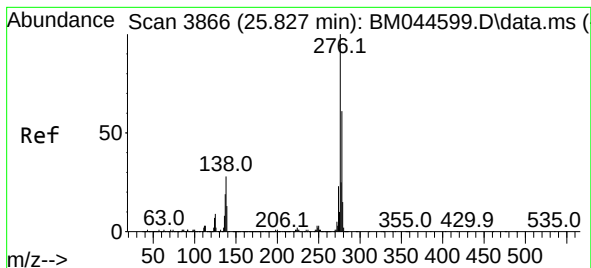
Ion Ratio Lower Upper

264 100

260 23.8 18.3 27.5

265 21.8 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.272 ng

RT: 25.791 min Scan# 3

Delta R.T. -0.035 min

Lab File: BM044739.D

Acq: 22 Mar 2024 17:50

Instrument :

BNA_M

ClientSampleId :

PB159682BS

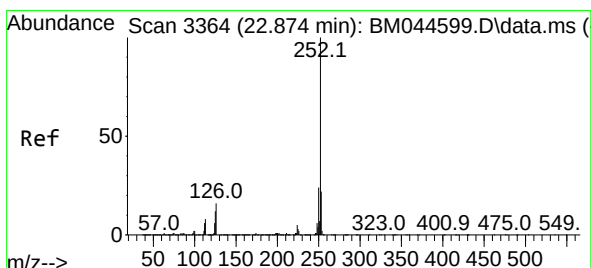
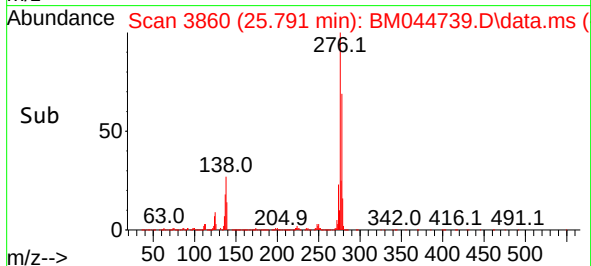
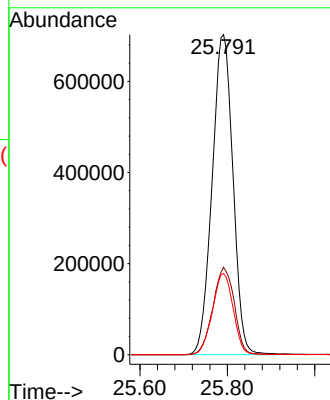
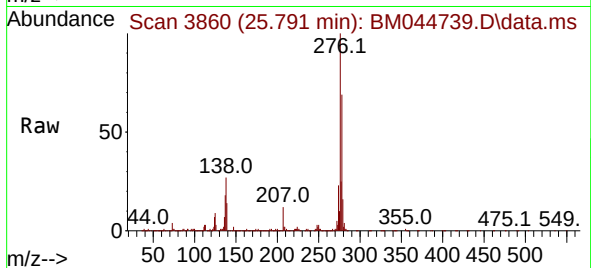
Tgt Ion:276 Resp: 2318890

Ion Ratio Lower Upper

276 100

138 28.0 23.6 35.4

277 25.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 51.132 ng

RT: 22.856 min Scan# 3361

Delta R.T. -0.018 min

Lab File: BM044739.D

Acq: 22 Mar 2024 17:50

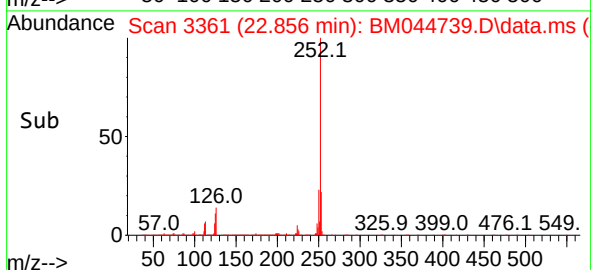
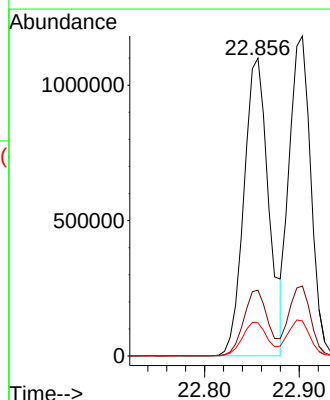
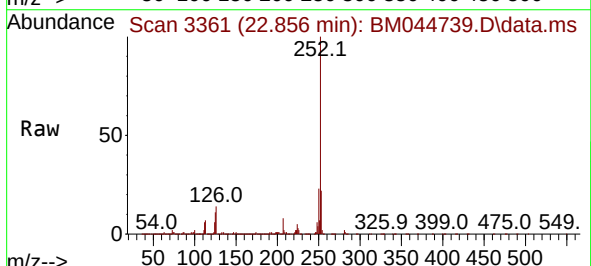
Tgt Ion:252 Resp: 1996771

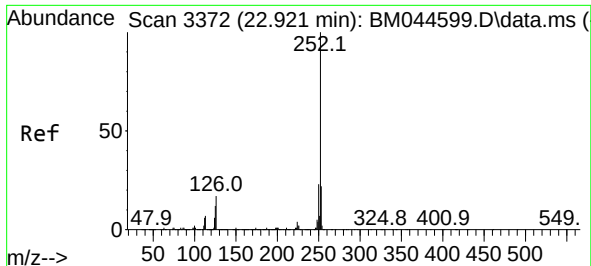
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 11.1 9.6 14.4

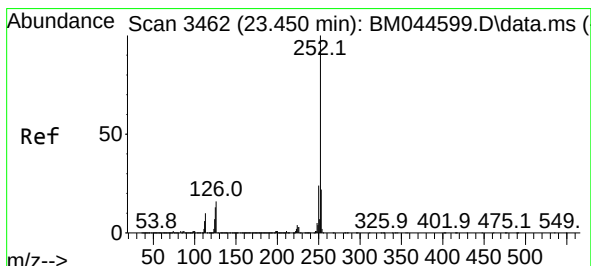
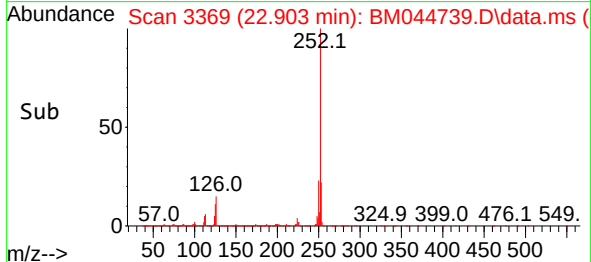
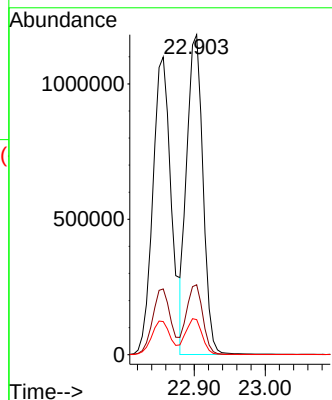
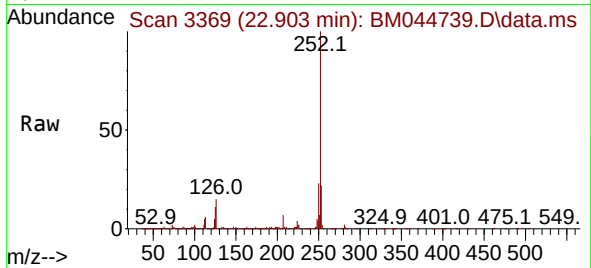




#89
Benzo(k)fluoranthene
Concen: 46.459 ng
RT: 22.903 min Scan# 31
Delta R.T. -0.017 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

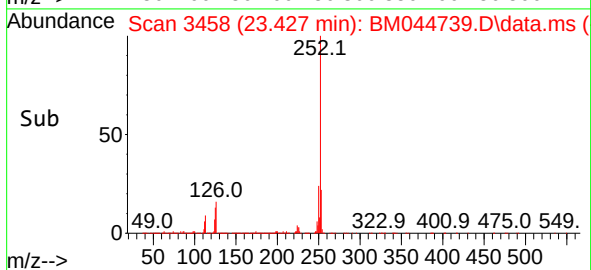
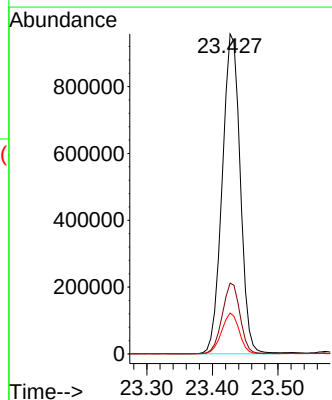
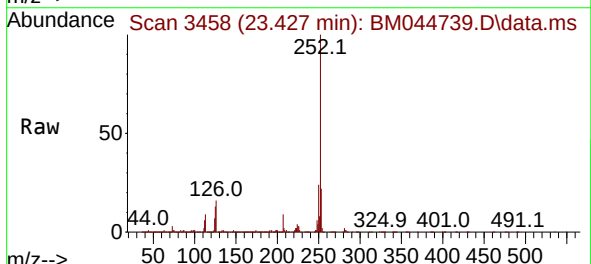
Instrument :
BNA_M
ClientSampleId :
PB159682BS

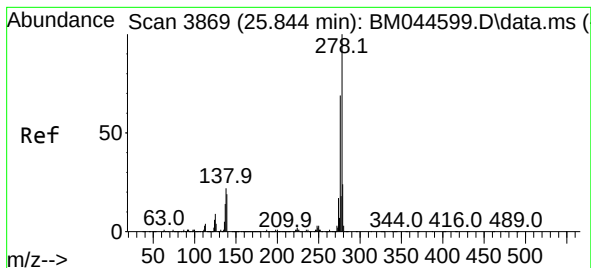
Tgt Ion:252 Resp: 1865155
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 11.0 9.4 14.0



#90
Benzo(a)pyrene
Concen: 47.741 ng
RT: 23.427 min Scan# 3458
Delta R.T. -0.023 min
Lab File: BM044739.D
Acq: 22 Mar 2024 17:50

Tgt Ion:252 Resp: 1818432
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 12.8 10.5 15.7





#91

Dibenzo(a,h)anthracene

Concen: 47.274 ng

RT: 25.809 min Scan# 31

Delta R.T. -0.035 min

Lab File: BM044739.D

Acq: 22 Mar 2024 17:50

Instrument :

BNA_M

ClientSampleId :

PB159682BS

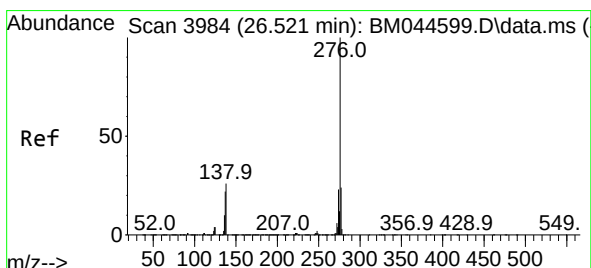
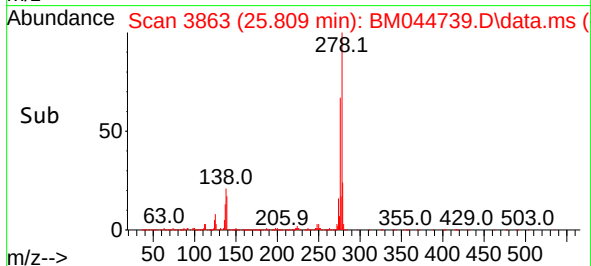
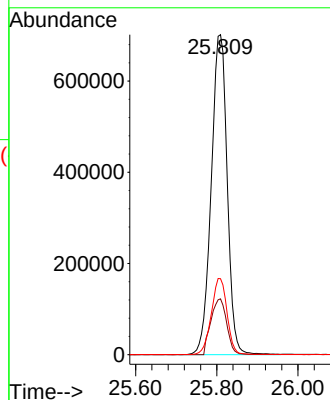
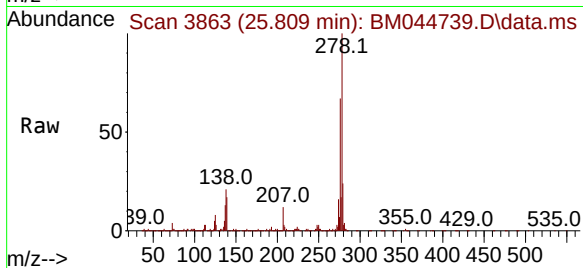
Tgt Ion:278 Resp: 1914520

Ion Ratio Lower Upper

278 100

139 17.4 15.0 22.6

279 23.7 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 45.430 ng

RT: 26.480 min Scan# 3977

Delta R.T. -0.041 min

Lab File: BM044739.D

Acq: 22 Mar 2024 17:50

Tgt Ion:276 Resp: 1811126

Ion Ratio Lower Upper

276 100

277 23.7 19.3 28.9

138 24.2 20.7 31.1

