

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020524\
 Data File : BM043976.D
 Acq On : 05 Feb 2024 14:01
 Operator : MA/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 06 05:53:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 05:48:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	219867	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	1053396	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	670010	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	1512749	20.000	ng	0.00
76) Chrysene-d12	21.521	240	1643202	20.000	ng	0.00
86) Perylene-d12	23.933	264	2025061	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	1173949	78.848	ng	0.00
7) Phenol-d6	7.087	99	1791403	81.434	ng	0.00
23) Nitrobenzene-d5	9.092	82	1736468	79.464	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	667228	81.695	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	3855988	79.079	ng	0.00
79) Terphenyl-d14	19.962	244	7161461	84.132	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.393	88	222554	38.677	ng	100
3) Pyridine	3.793	79	770343	43.992	ng	100
4) n-Nitrosodimethylamine	3.716	42	303589	40.329	ng	100
6) Aniline	7.251	93	890352	40.678	ng	100
8) 2-Chlorophenol	7.487	128	658755	39.850	ng	100
9) Benzaldehyde	7.069	77	421132	40.050	ng	100
10) Phenol	7.116	94	882064	40.328	ng	100
11) bis(2-Chloroethyl)ether	7.357	93	686411	40.041	ng	100
12) 1,3-Dichlorobenzene	7.810	146	691327	38.735	ng	100
13) 1,4-Dichlorobenzene	7.957	146	707989	39.225	ng	100
14) 1,2-Dichlorobenzene	8.275	146	695324	39.062	ng	100
15) Benzyl Alcohol	8.169	79	613253	40.672	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.463	45	903031	39.396	ng	100
17) 2-Methylphenol	8.369	107	572771	40.966	ng	100
18) Hexachloroethane	8.998	117	267965	39.562	ng	100
19) n-Nitroso-di-n-propyla...	8.739	70	596043	41.177	ng	100
20) 3+4-Methylphenols	8.698	107	807028	40.895	ng	100
22) Acetophenone	8.757	105	1123607	39.366	ng	100
24) Nitrobenzene	9.134	77	863296	39.375	ng	100
25) Isophorone	9.663	82	1639665	40.307	ng	100
26) 2-Nitrophenol	9.845	139	359341	40.552	ng	100
27) 2,4-Dimethylphenol	9.904	122	492055	40.441	ng	100
28) bis(2-Chloroethoxy)met...	10.151	93	972731	39.157	ng	100
29) 2,4-Dichlorophenol	10.375	162	634541	40.888	ng	100
30) 1,2,4-Trichlorobenzene	10.586	180	684211	39.035	ng	100
31) Naphthalene	10.781	128	2289527	38.994	ng	100
32) Benzoic acid	10.022	122	473086	39.279	ng	100
33) 4-Chloroaniline	10.898	127	975798	40.434	ng	100
34) Hexachlorobutadiene	11.051	225	369348	38.636	ng	100
35) Caprolactam	11.680	113	266221	41.832	ng	100
36) 4-Chloro-3-methylphenol	12.016	107	779924	41.039	ng	100
37) 2-Methylnaphthalene	12.392	142	1608665	39.288	ng	100
38) 1-Methylnaphthalene	12.610	142	1612936	39.461	ng	100
40) 1,2,4,5-Tetrachloroben...	12.751	216	743261	39.113	ng	100
41) Hexachlorocyclopentadiene	12.727	237	252947	40.472	ng	100
43) 2,4,6-Trichlorophenol	12.998	196	528315	41.139	ng	100

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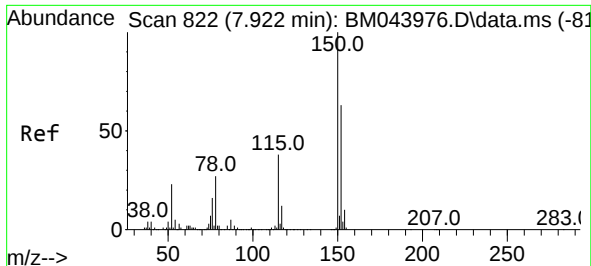
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.069	196	592522	40.441	ng	100
46) 1,1'-Biphenyl	13.404	154	2069808	39.284	ng	100
47) 2-Chloronaphthalene	13.445	162	1651761	39.310	ng	100
48) 2-Nitroaniline	13.657	65	563131	41.206	ng	100
49) Acenaphthylene	14.286	152	2577704	40.132	ng	100
50) Dimethylphthalate	14.039	163	2060966	39.601	ng	100
51) 2,6-Dinitrotoluene	14.157	165	467437	40.861	ng	100
52) Acenaphthene	14.633	154	1603078	39.370	ng	100
53) 3-Nitroaniline	14.486	138	551347	41.515	ng	100
54) 2,4-Dinitrophenol	14.686	184	231383	39.563	ng	100
55) Dibenzofuran	14.968	168	2483280	39.189	ng	100
56) 4-Nitrophenol	14.780	139	489733	42.197	ng	100
57) 2,4-Dinitrotoluene	14.939	165	661833	41.560	ng	100
58) Fluorene	15.616	166	2134062	39.879	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.192	232	513920	40.687	ng	100
60) Diethylphthalate	15.404	149	2152294	39.949	ng	100
61) 4-Chlorophenyl-phenyle...	15.616	204	995792	39.886	ng	100
62) 4-Nitroaniline	15.645	138	609294	41.961	ng	100
63) Azobenzene	15.910	77	2191067	40.718	ng	100
65) 4,6-Dinitro-2-methylph...	15.698	198	337262	39.832	ng	100
66) n-Nitrosodiphenylamine	15.833	169	1795084	39.836	ng	100
67) 4-Bromophenyl-phenylether	16.515	248	586544	39.359	ng	100
68) Hexachlorobenzene	16.610	284	694350	39.079	ng	100
69) Atrazine	16.792	200	523431	41.987	ng	100
70) Pentachlorophenol	16.962	266	487821	41.811	ng	100
71) Phenanthrene	17.362	178	3344350	39.692	ng	100
72) Anthracene	17.451	178	3323170	40.285	ng	100
73) Carbazole	17.727	167	3460577	40.507	ng	100
74) Di-n-butylphthalate	18.309	149	3850041	41.092	ng	100
75) Fluoranthene	19.380	202	4210322	40.407	ng	100
77) Benzidine	19.580	184	1155031	55.401	ng	100
78) Pyrene	19.745	202	4500227	39.842	ng	100
80) Butylbenzylphthalate	20.668	149	1858092	41.543	ng	100
81) Benzo(a)anthracene	21.503	228	4612916	40.015	ng	100
82) 3,3'-Dichlorobenzidine	21.445	252	1552116	42.107	ng	100
83) Chrysene	21.562	228	4406287	39.896	ng	100
84) Bis(2-ethylhexyl)phtha...	21.456	149	2782283	41.830	ng	100
85) Di-n-octyl phthalate	22.403	149	4809632	41.975	ng	100
87) Indeno(1,2,3-cd)pyrene	26.450	276	6235530	41.151	ng	100
88) Benzo(b)fluoranthene	23.197	252	5125781	40.240	ng	100
89) Benzo(k)fluoranthene	23.250	252	4863782	39.798	ng	100
90) Benzo(a)pyrene	23.827	252	4561980	40.517	ng	100
91) Dibenzo(a,h)anthracene	26.474	278	5137044	41.107	ng	100
92) Benzo(g,h,i)perylene	27.215	276	5227919	41.014	ng	100

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

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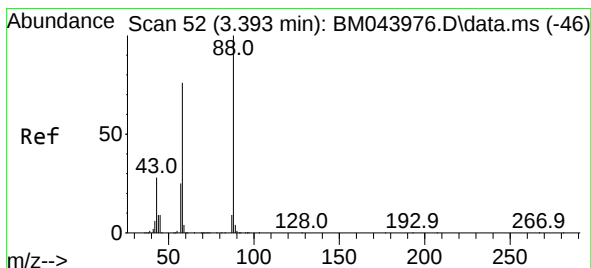
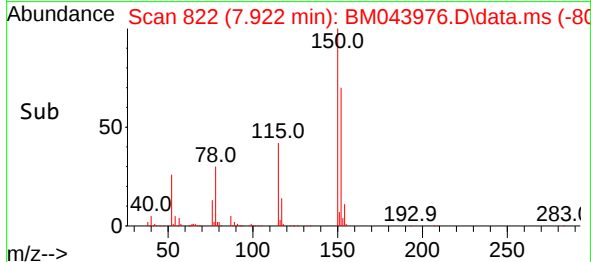
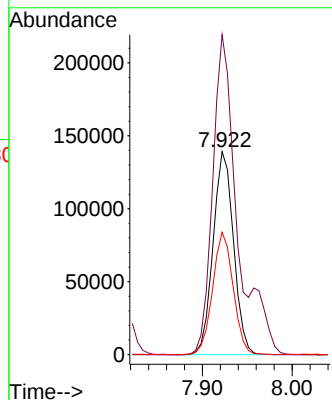
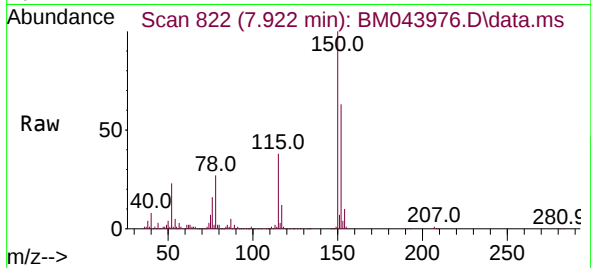




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM043976.D
Acq: 05 Feb 2024 14:01

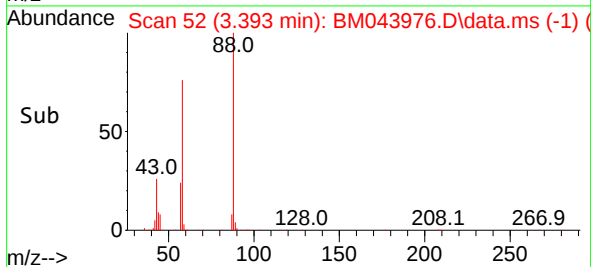
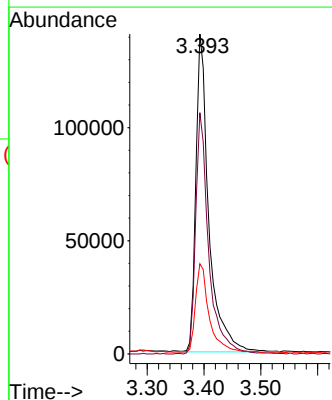
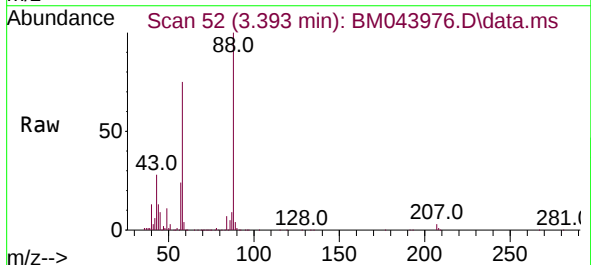
Instrument :
BNA_M
ClientSampleId :

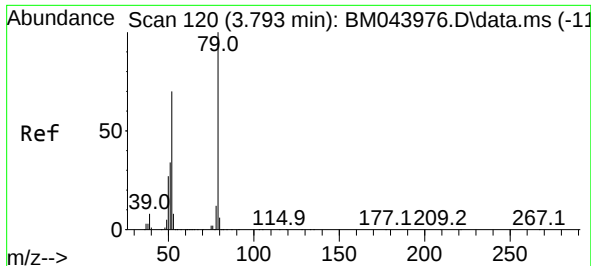
Tgt Ion:152 Resp: 219867
Ion Ratio Lower Upper
152 100
150 157.6 126.1 189.1
115 60.2 48.2 72.2



#2
1,4-Dioxane
Concen: 38.677 ng
RT: 3.393 min Scan# 52
Delta R.T. 0.000 min
Lab File: BM043976.D
Acq: 05 Feb 2024 14:01

Tgt Ion: 88 Resp: 222554
Ion Ratio Lower Upper
88 100
58 76.3 61.0 91.6
43 28.8 23.0 34.6

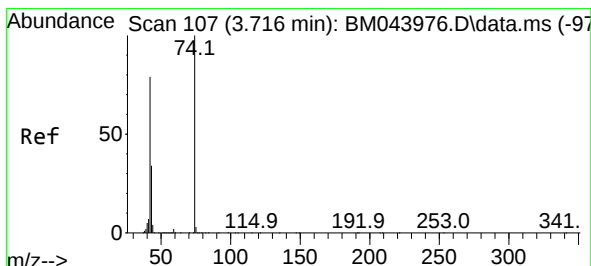
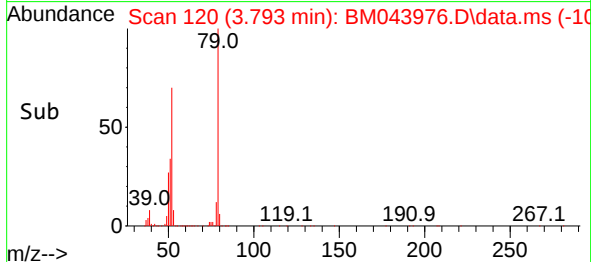
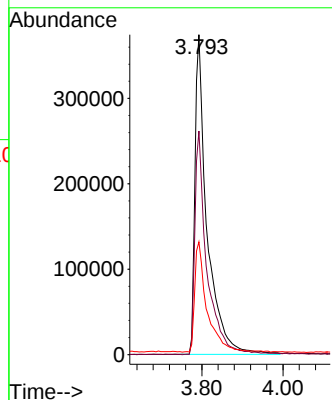
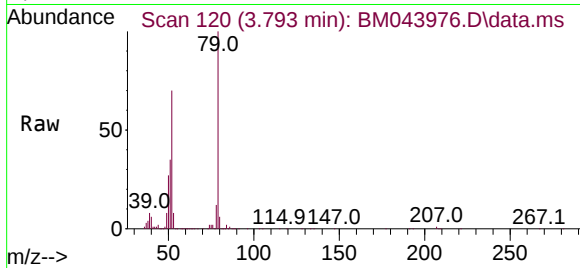




#3
Pyridine
Concen: 43.992 ng
RT: 3.793 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM043976.D
Acq: 05 Feb 2024 14:01

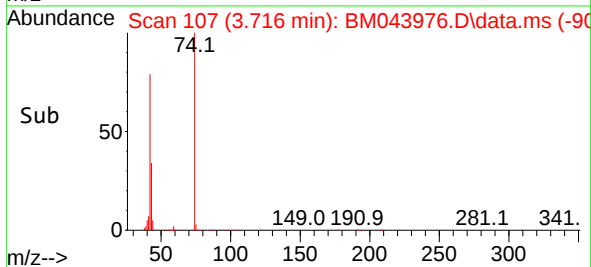
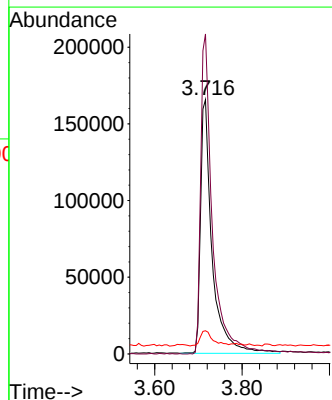
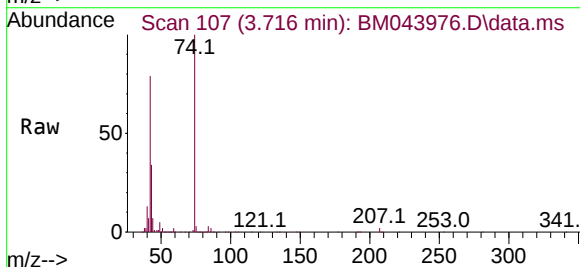
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BNA_M
ClientSampleId :

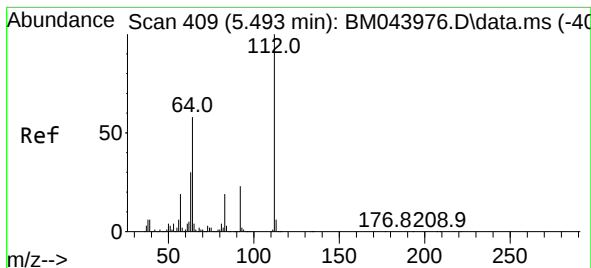
Tgt Ion: 79 Resp: 770343
Ion Ratio Lower Upper
79 100
52 69.9 55.9 83.9
51 35.2 28.2 42.2



#4
n-Nitrosodimethylamine
Concen: 40.329 ng
RT: 3.716 min Scan# 107
Delta R.T. 0.000 min
Lab File: BM043976.D
Acq: 05 Feb 2024 14:01

Tgt Ion: 42 Resp: 303589
Ion Ratio Lower Upper
42 100
74 125.9 100.7 151.1
44 9.1 7.3 10.9

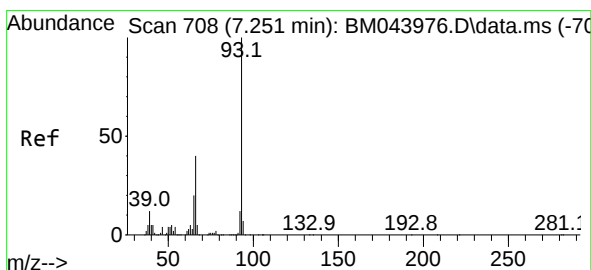
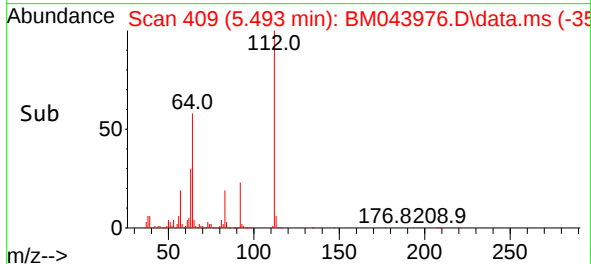
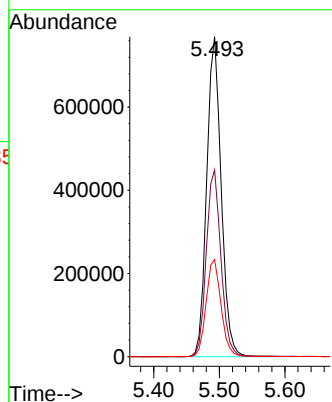
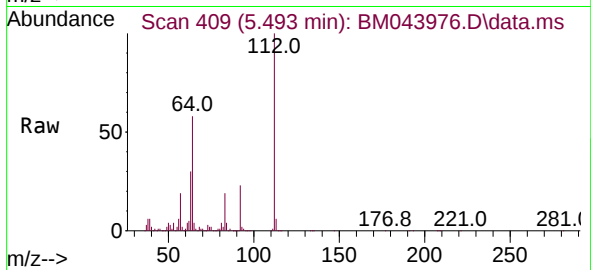




#5
2-Fluorophenol
Concen: 78.848 ng
RT: 5.493 min Scan# 409
Delta R.T. 0.000 min
Lab File: BM043976.D
Acq: 05 Feb 2024 14:01

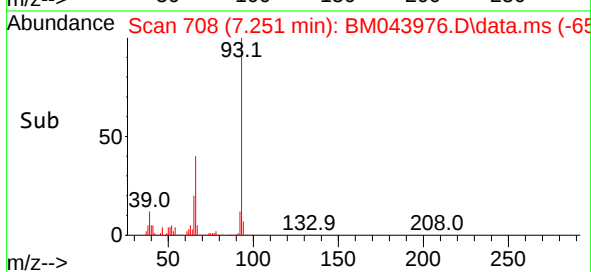
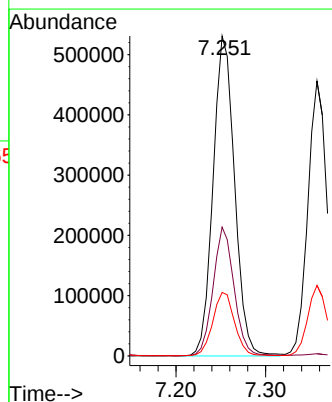
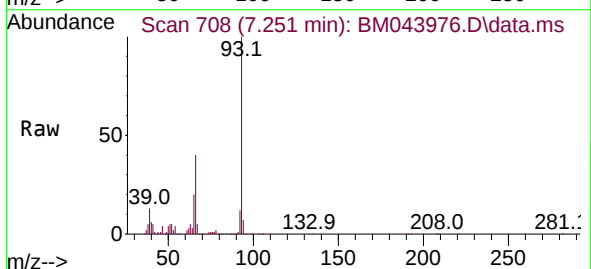
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BNA_M
ClientSampleId :

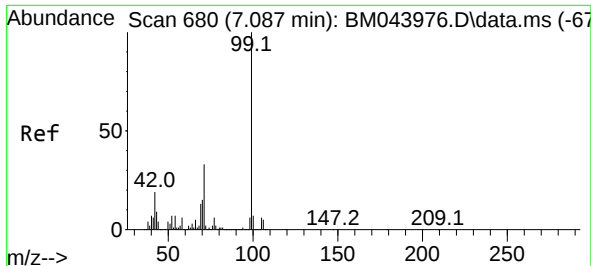
Tgt Ion:112 Resp: 1173949
Ion Ratio Lower Upper
112 100
64 58.3 46.6 70.0
63 30.3 24.2 36.4



#6
Aniline
Concen: 40.678 ng
RT: 7.251 min Scan# 708
Delta R.T. 0.000 min
Lab File: BM043976.D
Acq: 05 Feb 2024 14:01

Tgt Ion: 93 Resp: 890352
Ion Ratio Lower Upper
93 100
66 40.2 32.2 48.2
65 19.8 15.8 23.8

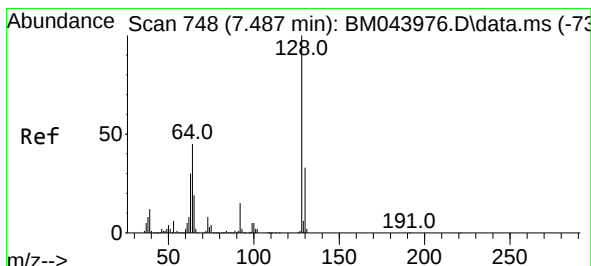
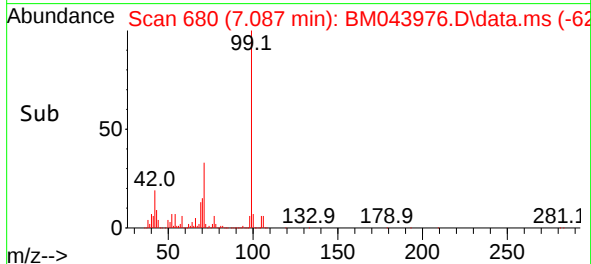
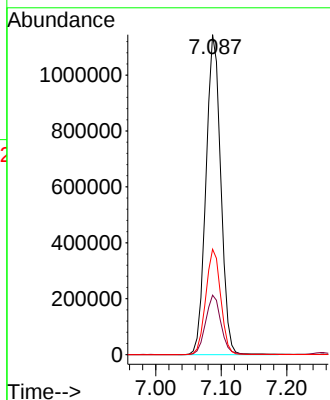
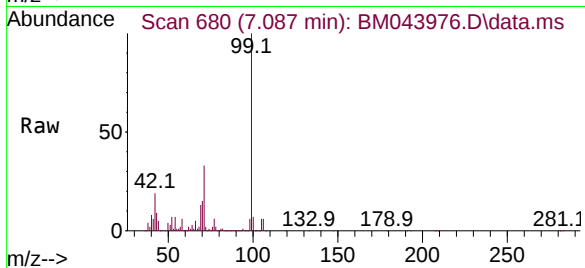




#7
Phenol-d6
Concen: 81.434 ng
RT: 7.087 min Scan# 680
Delta R.T. 0.000 min
Lab File: BM043976.D
Acq: 05 Feb 2024 14:01

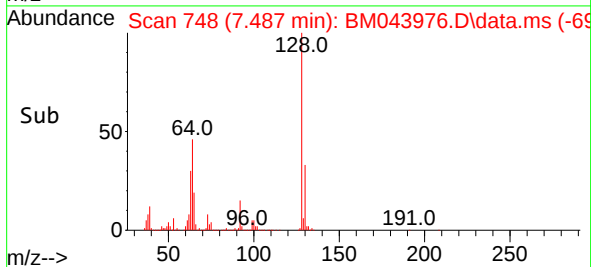
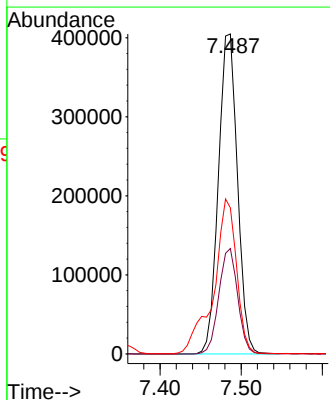
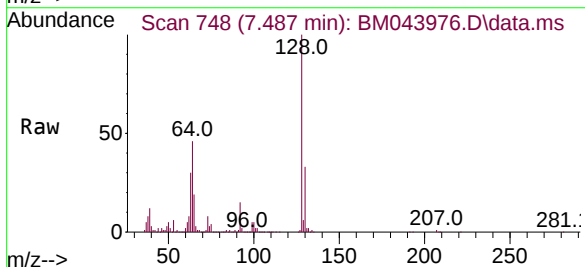
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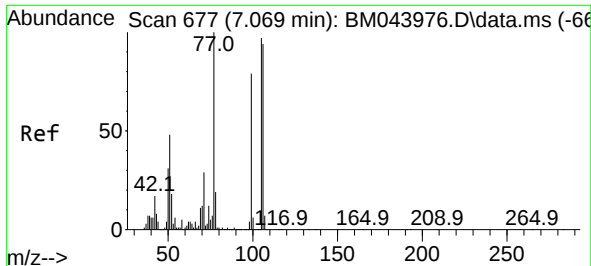
Tgt Ion: 99 Resp: 1791403
Ion Ratio Lower Upper
99 100
42 18.6 14.9 22.3
71 32.9 26.3 39.5



#8
2-Chlorophenol
Concen: 39.850 ng
RT: 7.487 min Scan# 748
Delta R.T. 0.000 min
Lab File: BM043976.D
Acq: 05 Feb 2024 14:01

Tgt Ion: 128 Resp: 658755
Ion Ratio Lower Upper
128 100
130 32.9 12.9 52.9
64 45.6 25.6 65.6

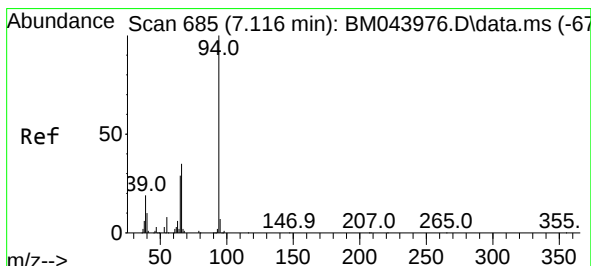
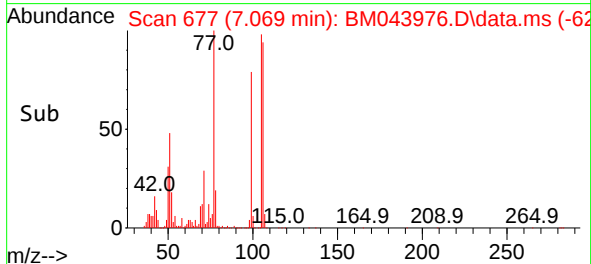
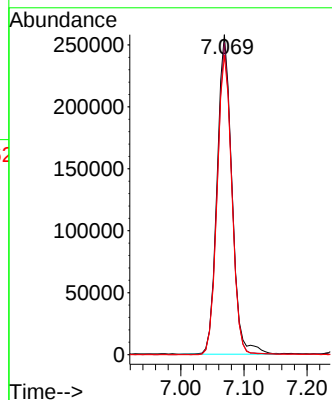
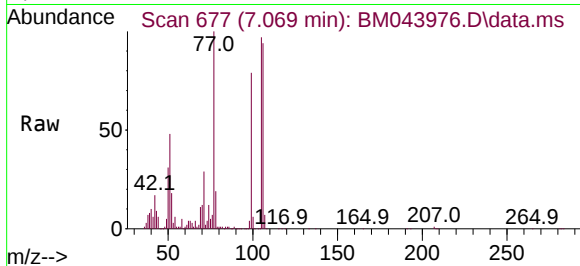




#9
Benzaldehyde
Concen: 40.050 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM043976.D
Acq: 05 Feb 2024 14:01

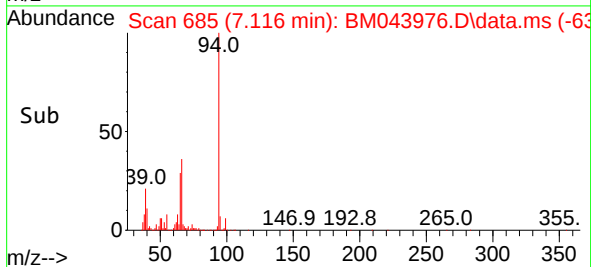
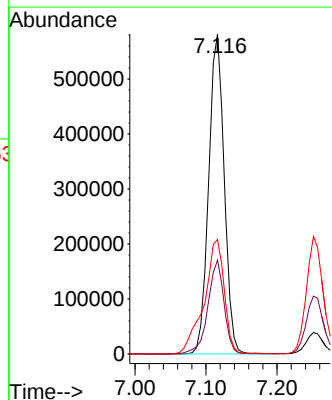
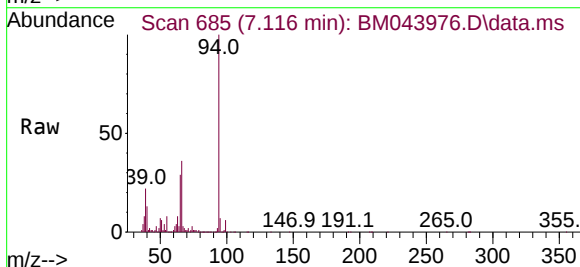
Instrument :
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ClientSampleId :

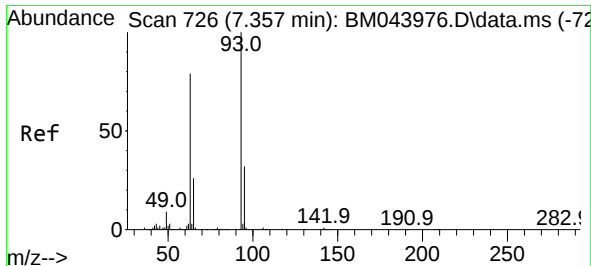
Tgt Ion: 77 Resp: 421132
Ion Ratio Lower Upper
77 100
105 97.4 77.4 117.4
106 93.5 73.5 113.5



#10
Phenol
Concen: 40.328 ng
RT: 7.116 min Scan# 685
Delta R.T. 0.000 min
Lab File: BM043976.D
Acq: 05 Feb 2024 14:01

Tgt Ion: 94 Resp: 882064
Ion Ratio Lower Upper
94 100
65 29.3 9.3 49.3
66 35.7 15.7 55.7

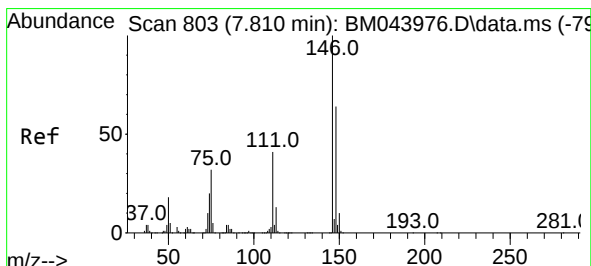
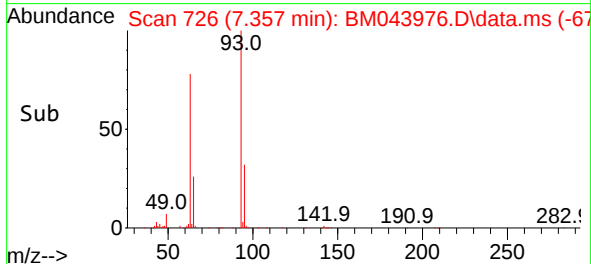
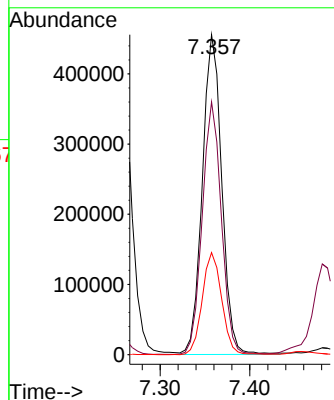
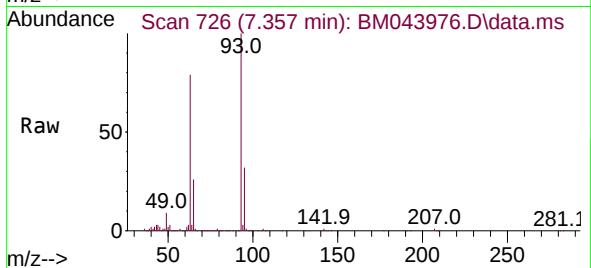




#11
bis(2-Chloroethyl)ether
Concen: 40.041 ng
RT: 7.357 min Scan# 726
Delta R.T. 0.000 min
Lab File: BM043976.D
Acq: 05 Feb 2024 14:01

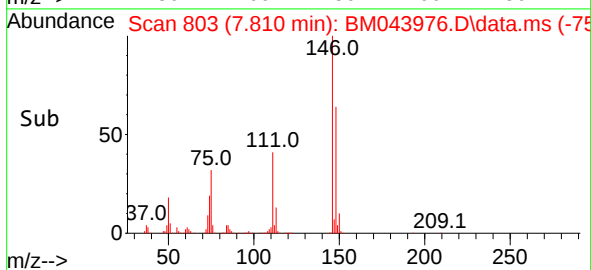
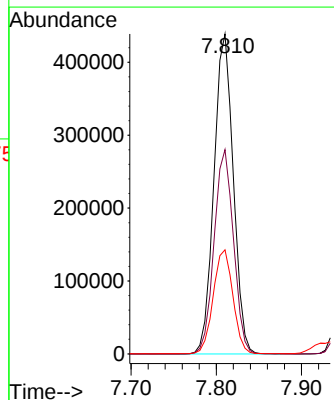
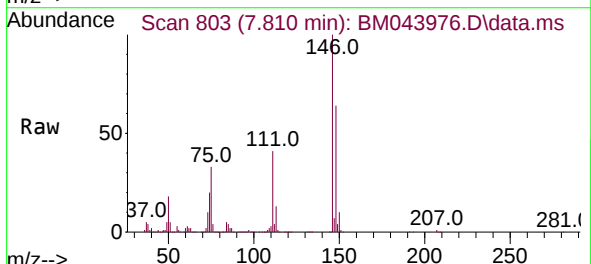
Instrument :
BNA_M
ClientSampleId :

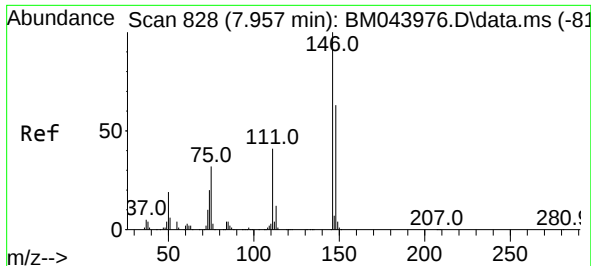
Tgt Ion: 93 Resp: 686411
Ion Ratio Lower Upper
93 100
63 79.0 59.0 99.0
95 31.9 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 38.735 ng
RT: 7.810 min Scan# 803
Delta R.T. 0.000 min
Lab File: BM043976.D
Acq: 05 Feb 2024 14:01

Tgt Ion:146 Resp: 691327
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.6
75 32.6 26.1 39.1





#13

1,4-Dichlorobenzene

Concen: 39.225 ng

RT: 7.957 min Scan# 81

Delta R.T. 0.000 min

Lab File: BM043976.D

Acq: 05 Feb 2024 14:01

Instrument :

BNA_M

ClientSampleId :

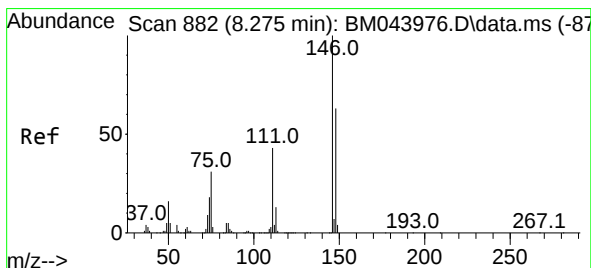
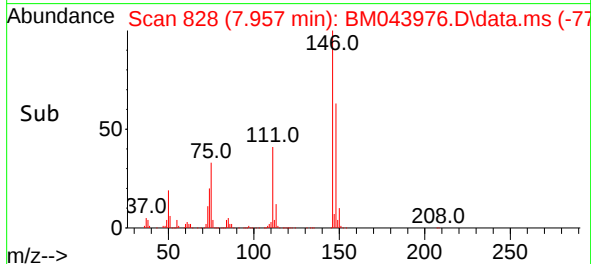
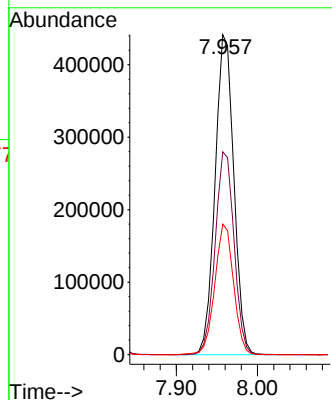
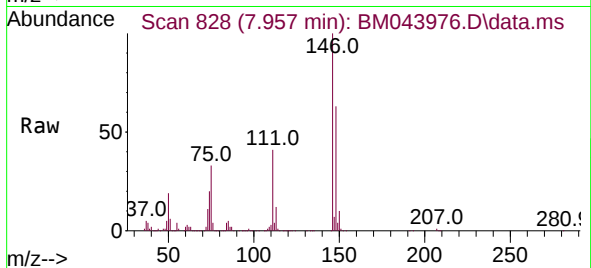
Tgt Ion:146 Resp: 707989

Ion Ratio Lower Upper

146 100

148 63.4 50.7 76.1

111 40.8 32.6 49.0



#14

1,2-Dichlorobenzene

Concen: 39.062 ng

RT: 8.275 min Scan# 882

Delta R.T. 0.000 min

Lab File: BM043976.D

Acq: 05 Feb 2024 14:01

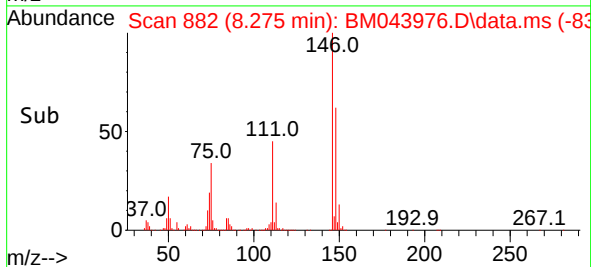
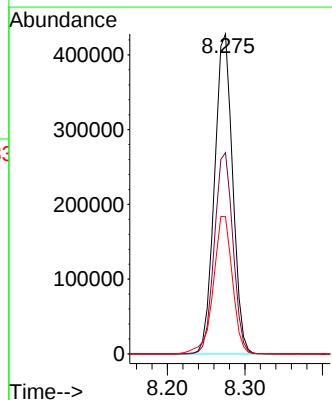
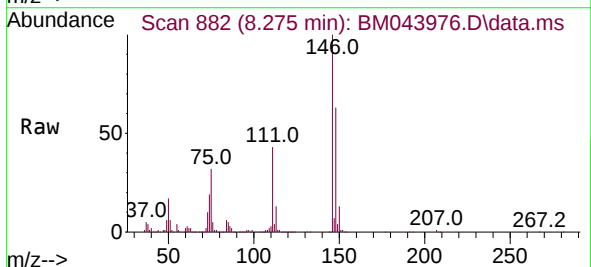
Tgt Ion:146 Resp: 695324

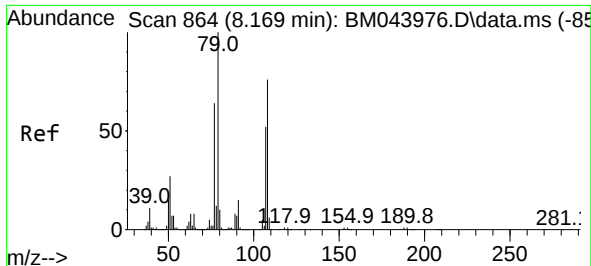
Ion Ratio Lower Upper

146 100

148 62.9 50.3 75.5

111 42.9 34.3 51.5

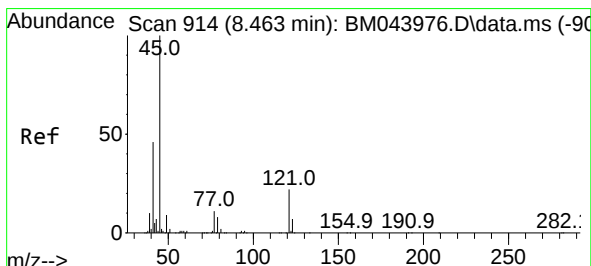
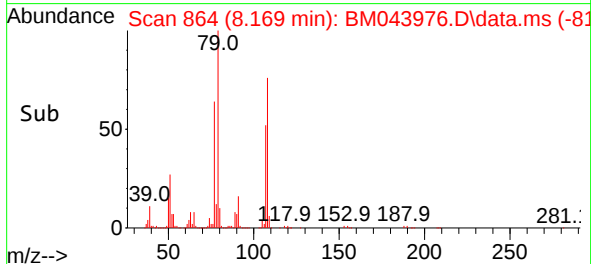
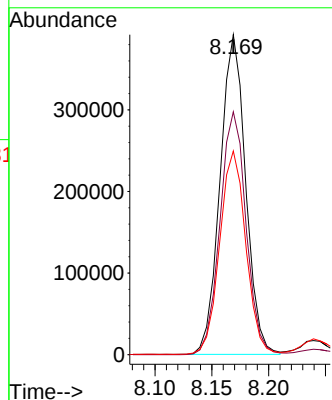
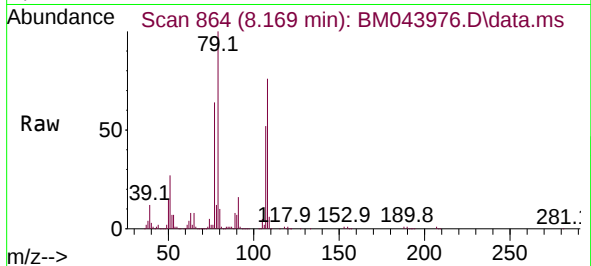




#15
Benzyl Alcohol
Concen: 40.672 ng
RT: 8.169 min Scan# 864
Delta R.T. 0.000 min
Lab File: BM043976.D
Acq: 05 Feb 2024 14:01

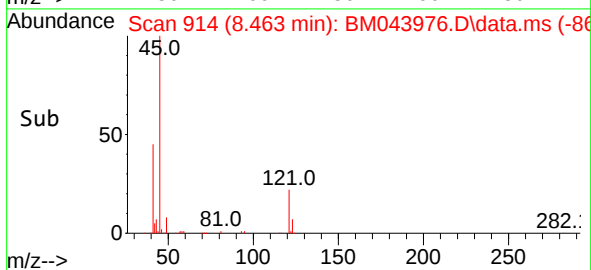
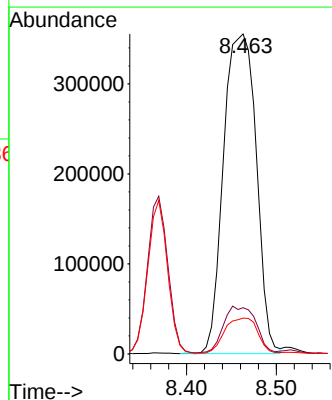
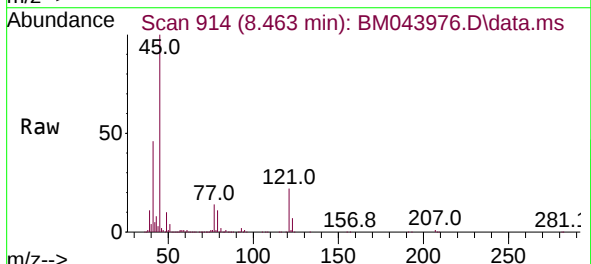
Instrument :
BNA_M
ClientSampleId :

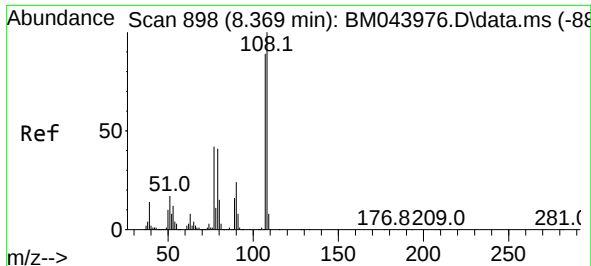
Tgt Ion: 79 Resp: 613253
Ion Ratio Lower Upper
79 100
108 75.9 60.7 91.1
77 63.6 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.396 ng
RT: 8.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BM043976.D
Acq: 05 Feb 2024 14:01

Tgt Ion: 45 Resp: 903031
Ion Ratio Lower Upper
45 100
77 14.4 0.0 34.4
79 11.2 0.0 31.2

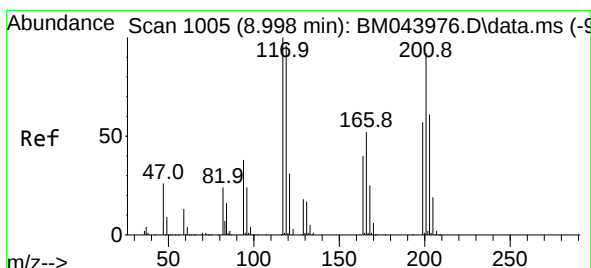
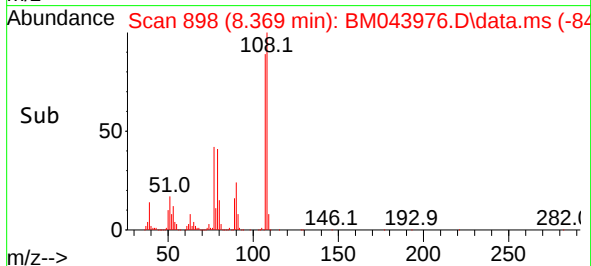
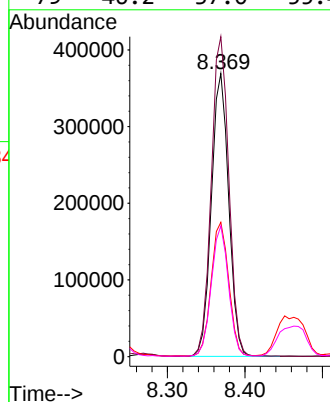
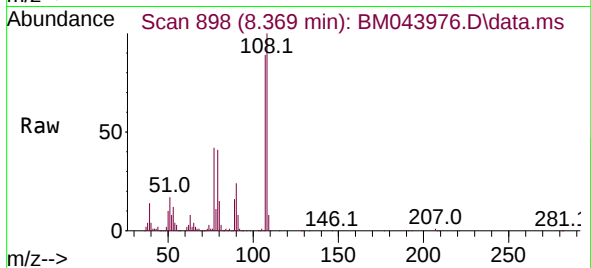




#17
2-Methylphenol
Concen: 40.966 ng
RT: 8.369 min Scan# 898
Delta R.T. 0.000 min
Lab File: BM043976.D
Acq: 05 Feb 2024 14:01

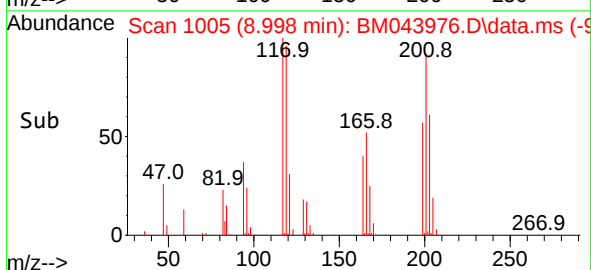
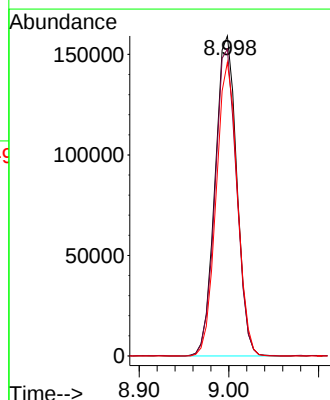
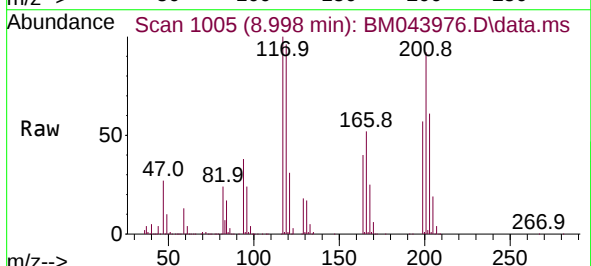
Instrument :
BNA_M
ClientSampleId :

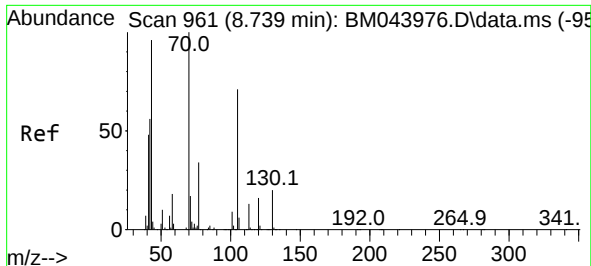
Tgt Ion:	107	Resp:	572771
Ion Ratio	Lower	Upper	
107	100		
108	113.0	90.4	135.6
77	47.5	38.0	57.0
79	46.2	37.0	55.4



#18
Hexachloroethane
Concen: 39.562 ng
RT: 8.998 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BM043976.D
Acq: 05 Feb 2024 14:01

Tgt Ion:	117	Resp:	267965
Ion Ratio	Lower	Upper	
117	100		
119	95.9	76.7	115.1
201	91.8	73.4	110.2

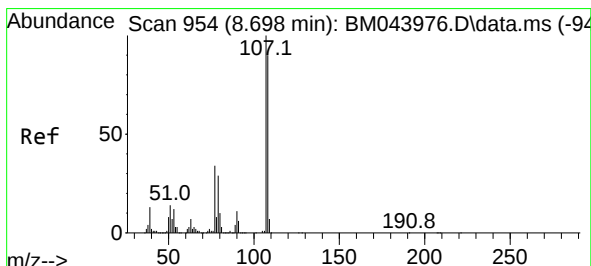
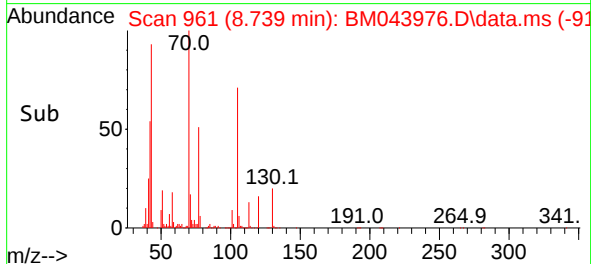
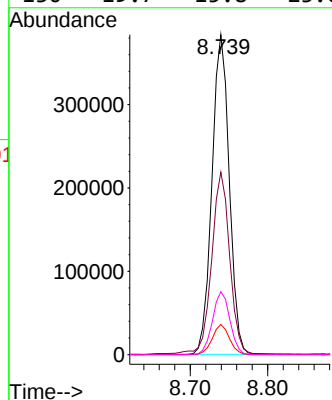
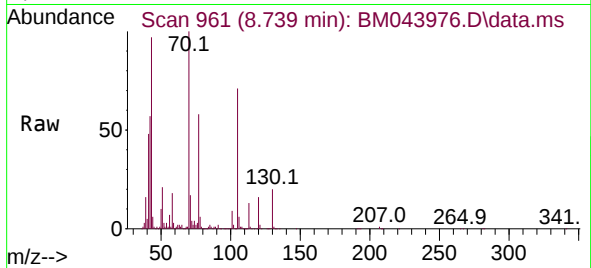




#19
n-Nitroso-di-n-propylamine
Concen: 41.177 ng
RT: 8.739 min Scan# 961
Delta R.T. 0.000 min
Lab File: BM043976.D
Acq: 05 Feb 2024 14:01

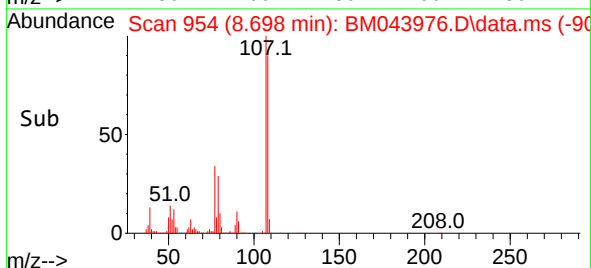
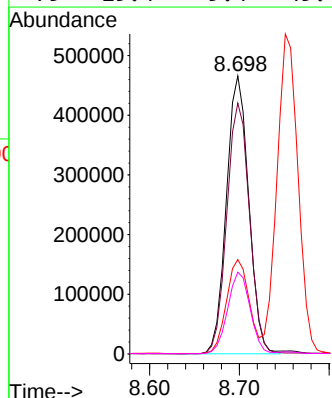
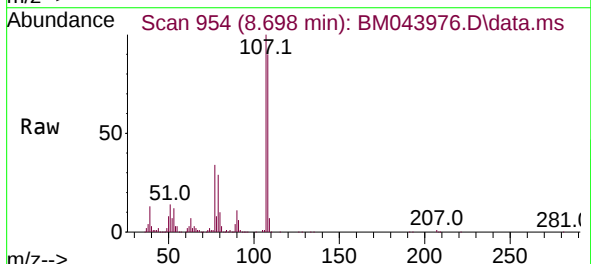
Instrument :
BNA_M
ClientSampleId :

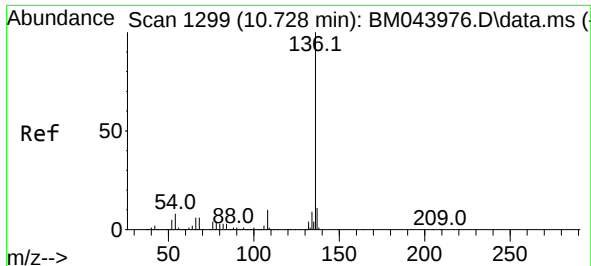
Tgt Ion: 70 Resp: 596043
Ion Ratio Lower Upper
70 100
42 57.0 45.6 68.4
101 9.4 7.5 11.3
130 19.7 15.8 23.6



#20
3+4-Methylphenols
Concen: 40.895 ng
RT: 8.698 min Scan# 954
Delta R.T. 0.000 min
Lab File: BM043976.D
Acq: 05 Feb 2024 14:01

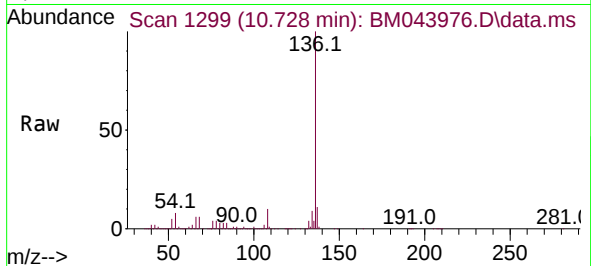
Tgt Ion: 107 Resp: 807028
Ion Ratio Lower Upper
107 100
108 90.3 70.3 110.3
77 34.0 14.0 54.0
79 29.4 9.4 49.4



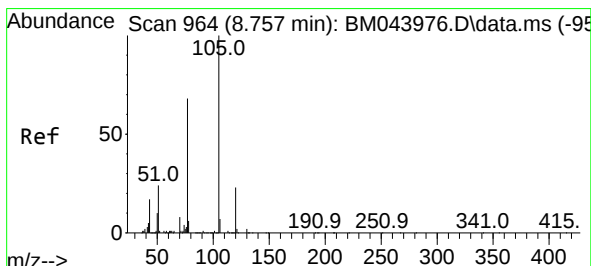
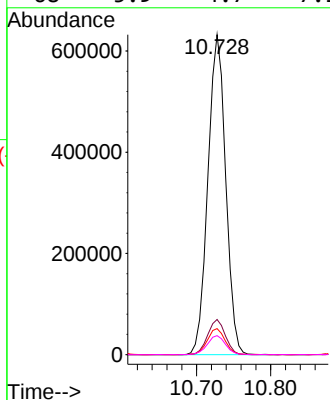
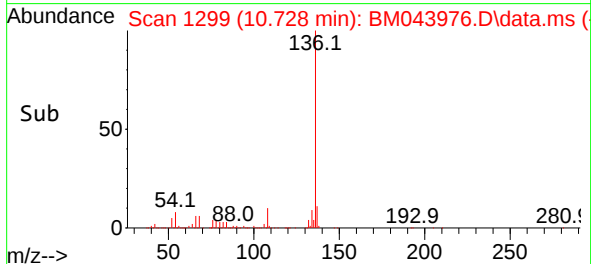


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 1299
Delta R.T. -0.000 min
Lab File: BM043976.D
Acq: 05 Feb 2024 14:01

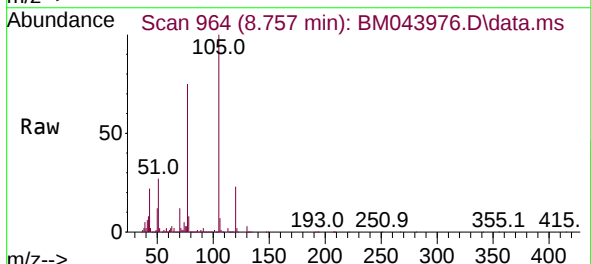
Instrument :
BNA_M
ClientSampleId :



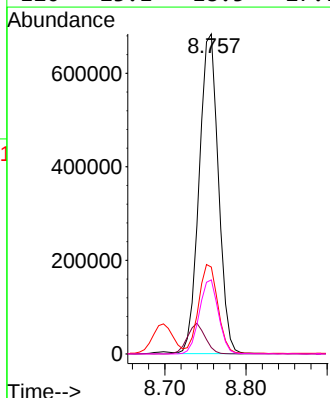
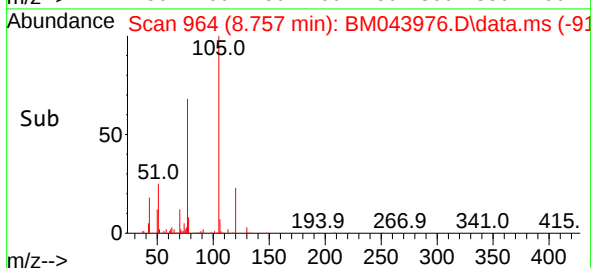
Tgt Ion:136 Resp: 1053396
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.1 6.5 9.7
68 5.9 4.7 7.1

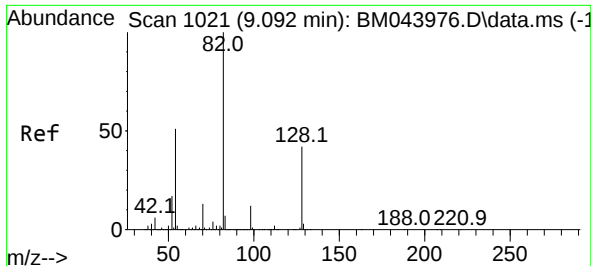


#22
Acetophenone
Concen: 39.366 ng
RT: 8.757 min Scan# 964
Delta R.T. 0.000 min
Lab File: BM043976.D
Acq: 05 Feb 2024 14:01



Tgt Ion:105 Resp: 1123607
Ion Ratio Lower Upper
105 100
71 2.0 1.6 2.4
51 27.2 21.8 32.6
120 23.1 18.5 27.7



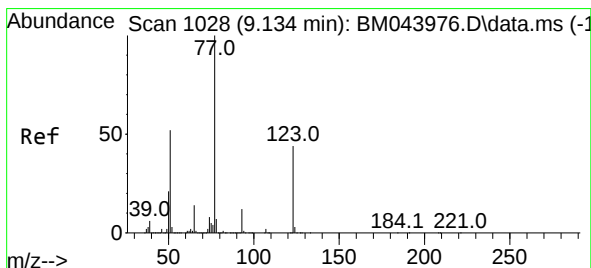
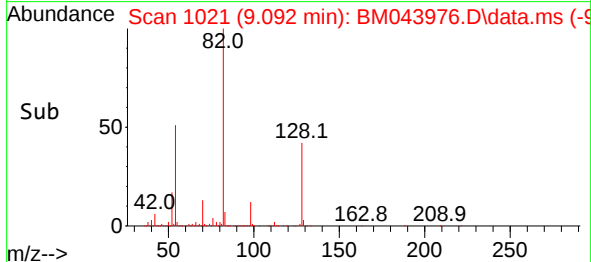
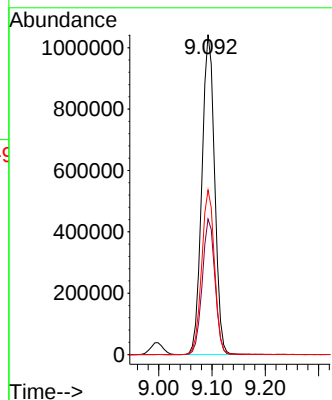
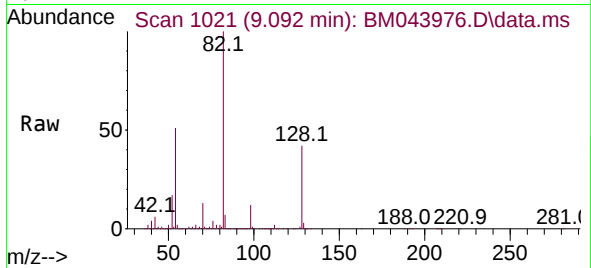


#23
 Nitrobenzene-d5
 Concen: 79.464 ng
 RT: 9.092 min Scan# 1021
 Delta R.T. 0.000 min
 Lab File: BM043976.D
 Acq: 05 Feb 2024 14:01

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion: 82 Resp: 1736468

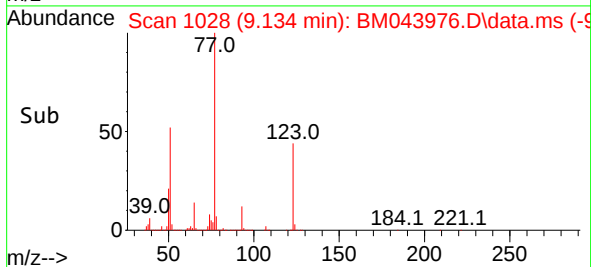
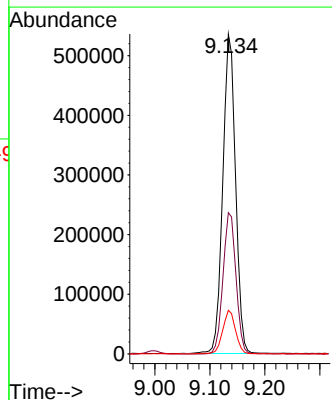
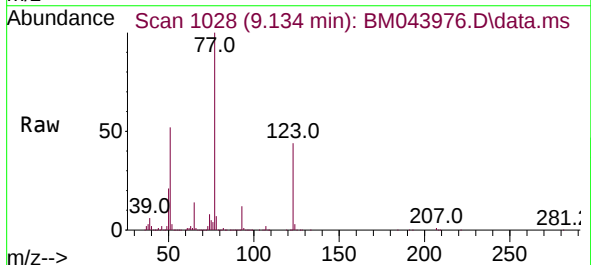
Ion	Ratio	Lower	Upper
82	100		
128	42.4	33.9	50.9
54	51.4	41.1	61.7

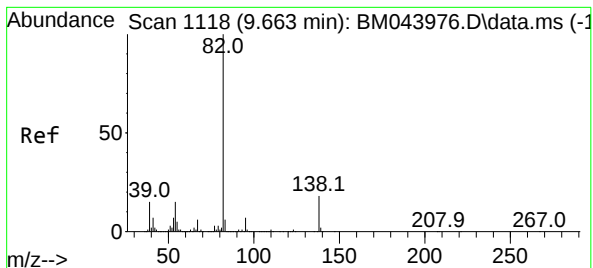


#24
 Nitrobenzene
 Concen: 39.375 ng
 RT: 9.134 min Scan# 1028
 Delta R.T. 0.000 min
 Lab File: BM043976.D
 Acq: 05 Feb 2024 14:01

Tgt Ion: 77 Resp: 863296

Ion	Ratio	Lower	Upper
77	100		
123	44.1	35.3	52.9
65	13.6	10.9	16.3





#25

Isophorone

Concen: 40.307 ng

RT: 9.663 min Scan# 1118

Delta R.T. 0.000 min

Lab File: BM043976.D

Acq: 05 Feb 2024 14:01

Instrument :

BNA_M

ClientSampleId :

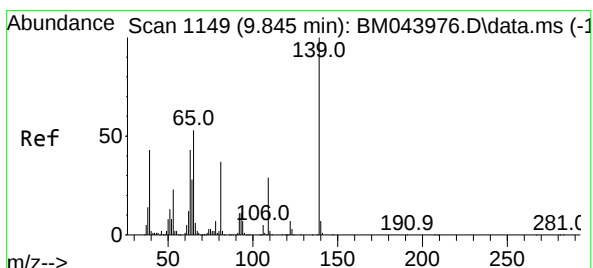
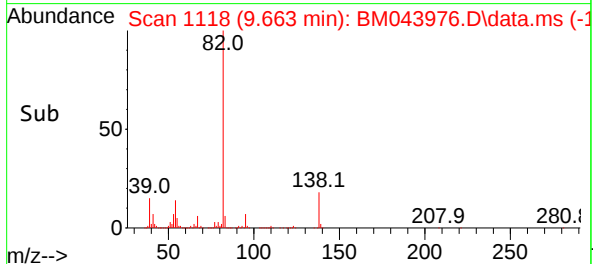
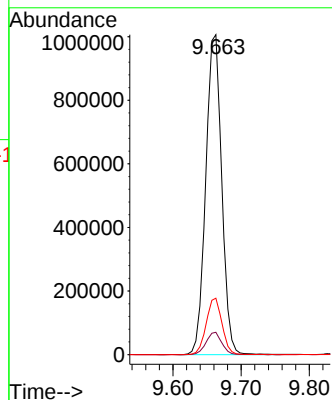
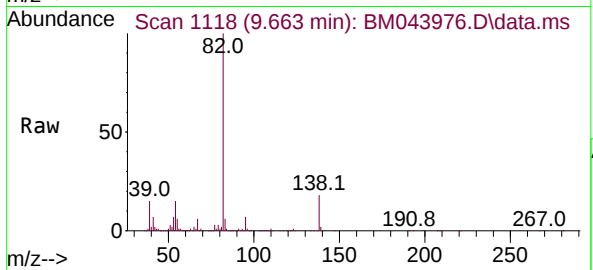
Tgt Ion: 82 Resp: 1639665

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

138 17.7 14.2 21.2



#26

2-Nitrophenol

Concen: 40.552 ng

RT: 9.845 min Scan# 1149

Delta R.T. 0.000 min

Lab File: BM043976.D

Acq: 05 Feb 2024 14:01

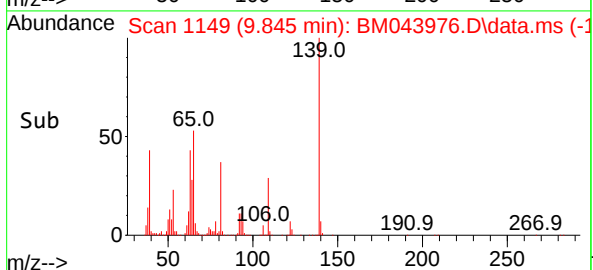
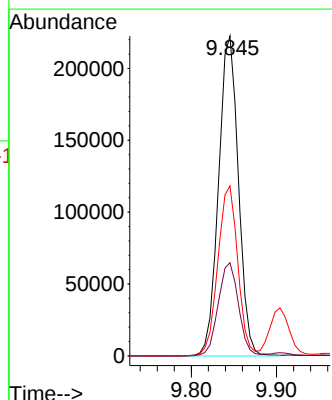
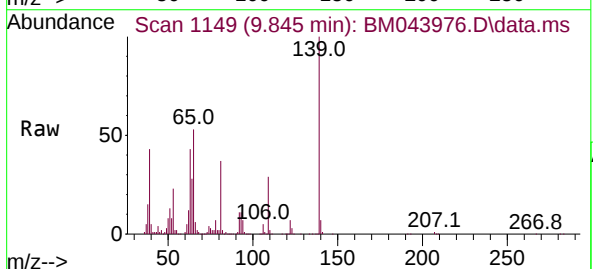
Tgt Ion:139 Resp: 359341

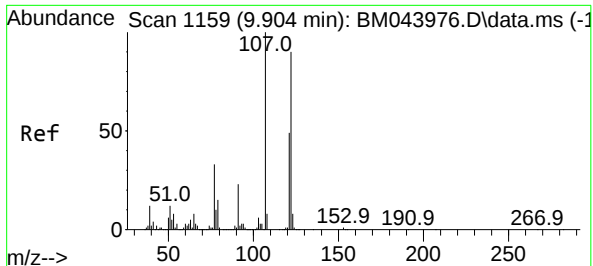
Ion Ratio Lower Upper

139 100

109 29.1 23.3 34.9

65 53.1 42.5 63.7





#27

2,4-Dimethylphenol

Concen: 40.441 ng

RT: 9.904 min Scan# 1159

Delta R.T. 0.000 min

Lab File: BM043976.D

Acq: 05 Feb 2024 14:01

Instrument :

BNA_M

ClientSampleId :

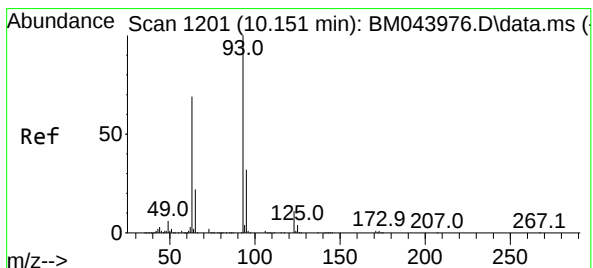
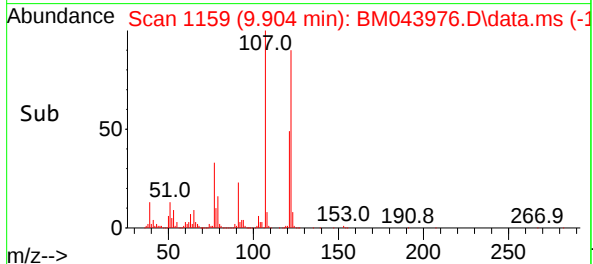
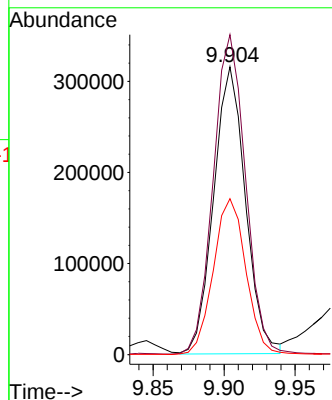
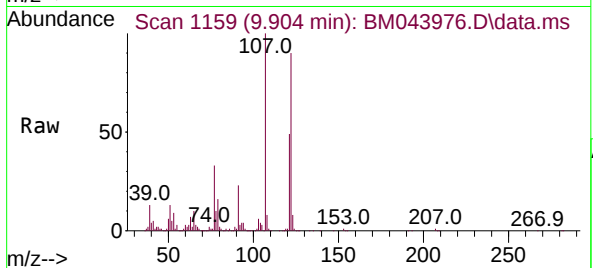
Tgt Ion:122 Resp: 492055

Ion Ratio Lower Upper

122 100

107 111.2 89.0 133.4

121 54.2 43.4 65.0



#28

bis(2-Chloroethoxy)methane

Concen: 39.157 ng

RT: 10.151 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BM043976.D

Acq: 05 Feb 2024 14:01

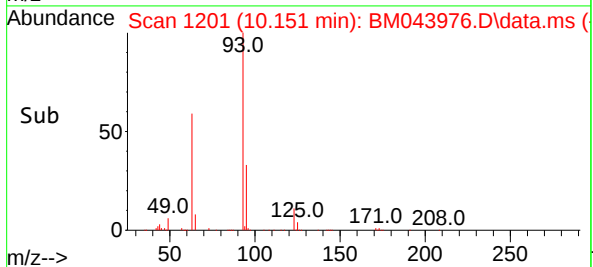
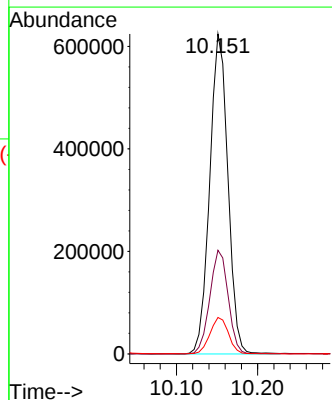
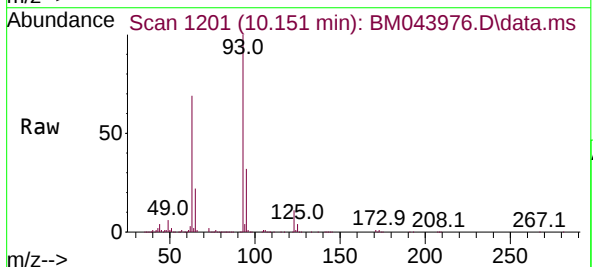
Tgt Ion: 93 Resp: 972731

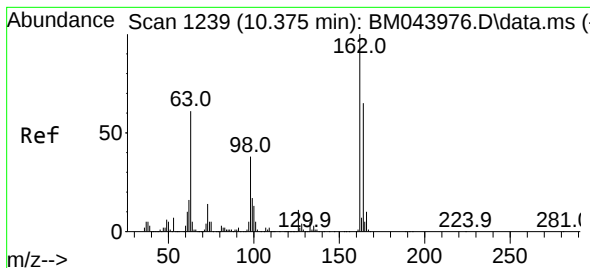
Ion Ratio Lower Upper

93 100

95 32.4 25.9 38.9

123 11.4 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 40.888 ng

RT: 10.375 min Scan# 1239

Delta R.T. 0.000 min

Lab File: BM043976.D

Acq: 05 Feb 2024 14:01

Instrument :

BNA_M

ClientSampleId :

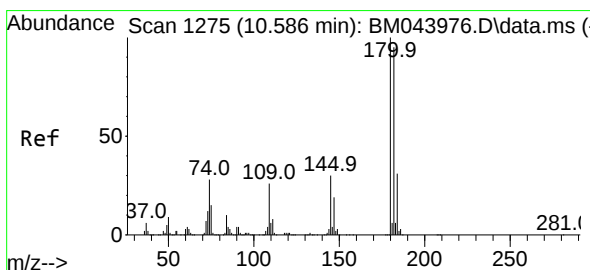
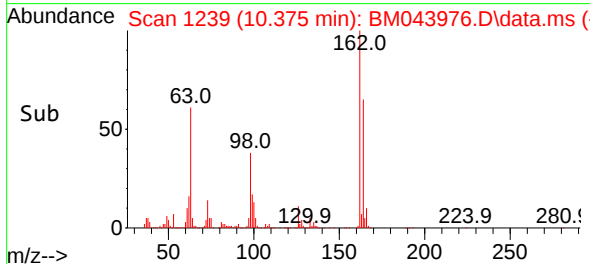
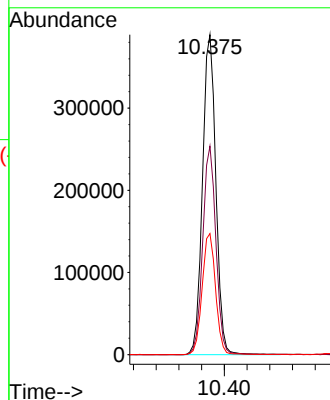
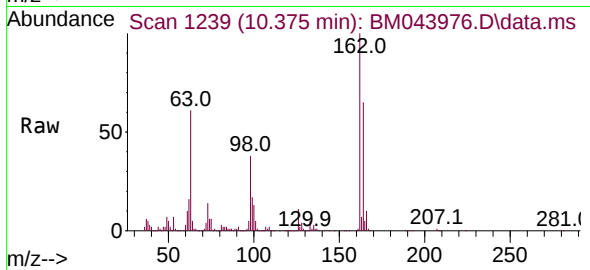
Tgt Ion:162 Resp: 634541

Ion Ratio Lower Upper

162 100

164 65.1 45.1 85.1

98 37.8 17.8 57.8



#30

1,2,4-Trichlorobenzene

Concen: 39.035 ng

RT: 10.586 min Scan# 1275

Delta R.T. 0.000 min

Lab File: BM043976.D

Acq: 05 Feb 2024 14:01

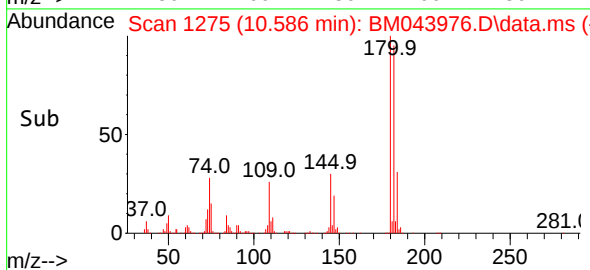
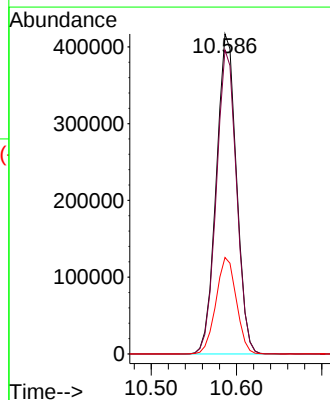
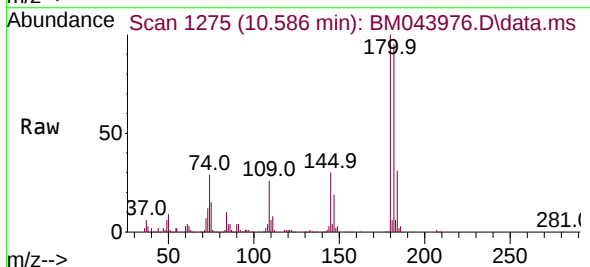
Tgt Ion:180 Resp: 684211

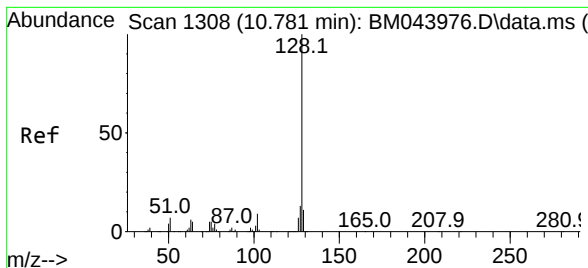
Ion Ratio Lower Upper

180 100

182 95.0 76.0 114.0

145 30.2 24.2 36.2

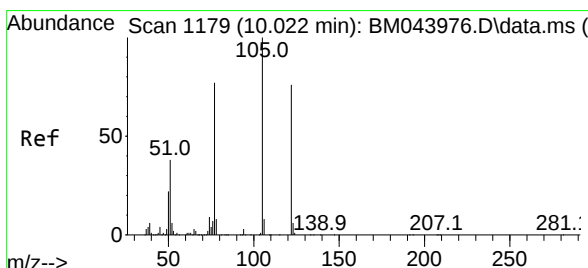
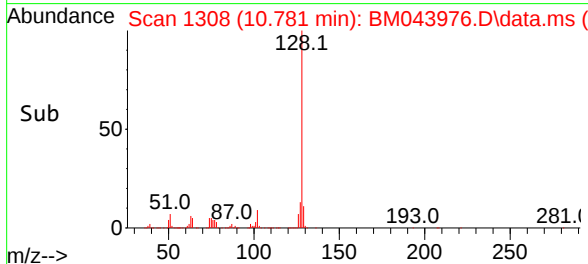
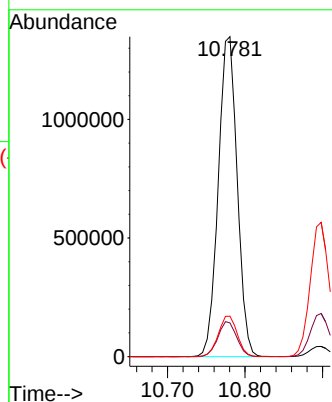
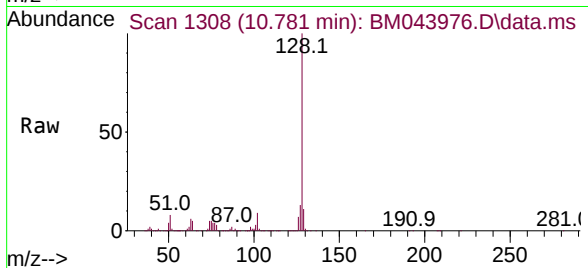




#31
Naphthalene
Concen: 38.994 ng
RT: 10.781 min Scan# 1308
Delta R.T. 0.000 min
Lab File: BM043976.D
Acq: 05 Feb 2024 14:01

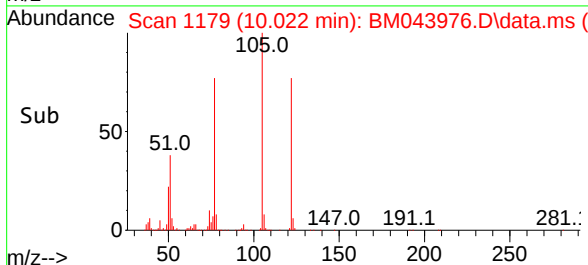
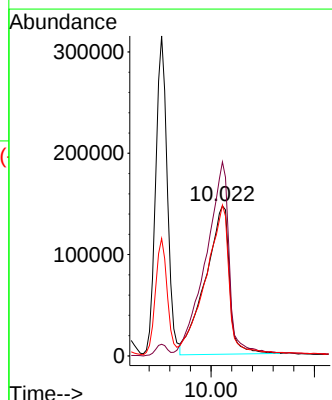
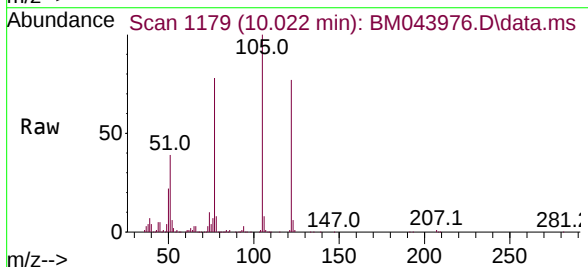
Instrument :
BNA_M
ClientSampleId :

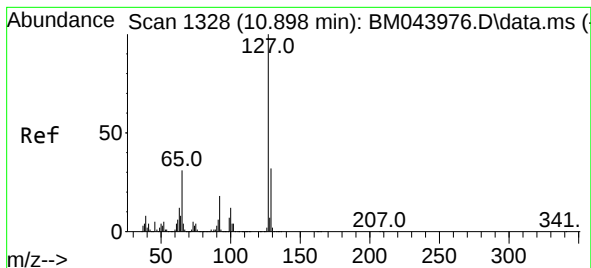
Tgt Ion:128 Resp: 2289527
Ion Ratio Lower Upper
128 100
129 10.5 8.4 12.6
127 12.6 10.1 15.1



#32
Benzoic acid
Concen: 39.279 ng
RT: 10.022 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BM043976.D
Acq: 05 Feb 2024 14:01

Tgt Ion:122 Resp: 473086
Ion Ratio Lower Upper
122 100
105 129.4 109.4 149.4
77 100.5 80.5 120.5

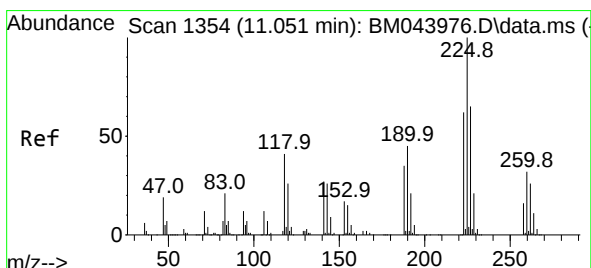
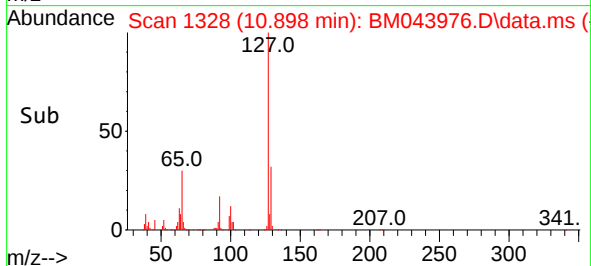
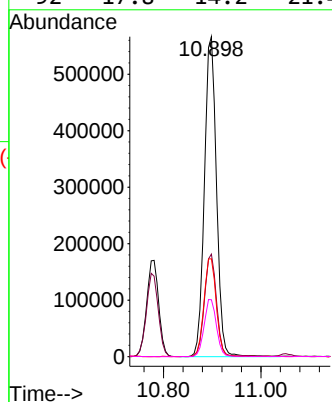
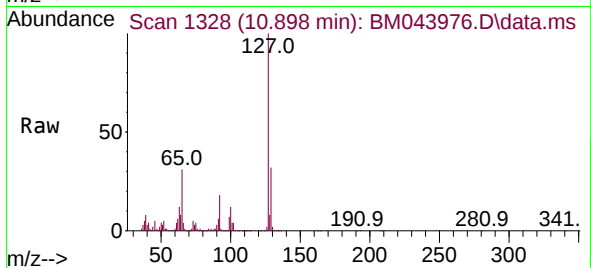




#33
4-Chloroaniline
Concen: 40.434 ng
RT: 10.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BM043976.D
Acq: 05 Feb 2024 14:01

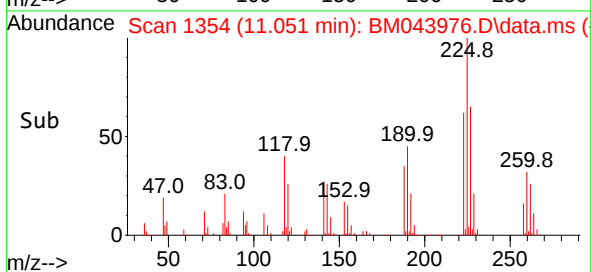
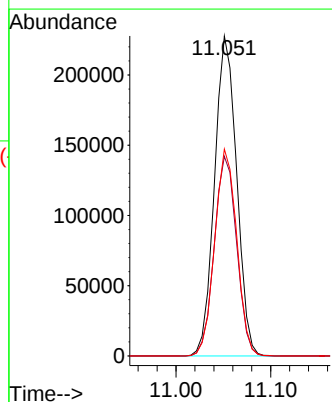
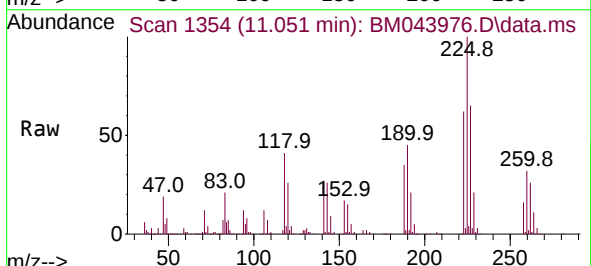
Instrument :
BNA_M
ClientSampleId :

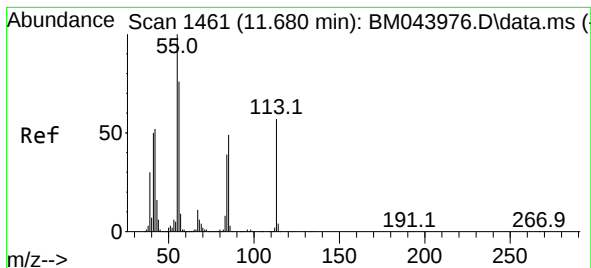
Tgt Ion:	127	Resp:	975798
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.6	38.4
65	30.6	24.5	36.7
92	17.8	14.2	21.4



#34
Hexachlorobutadiene
Concen: 38.636 ng
RT: 11.051 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BM043976.D
Acq: 05 Feb 2024 14:01

Tgt Ion:	225	Resp:	369348
Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.8	74.8
227	64.6	51.7	77.5

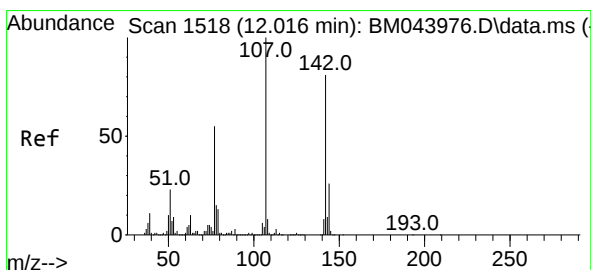
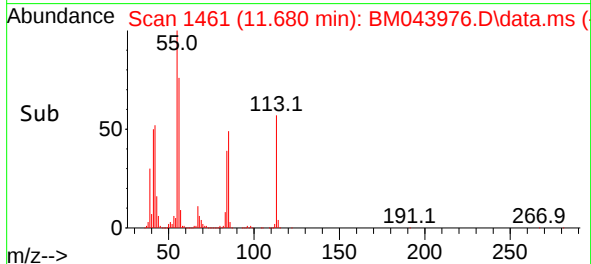
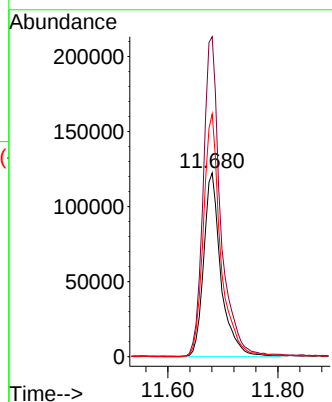
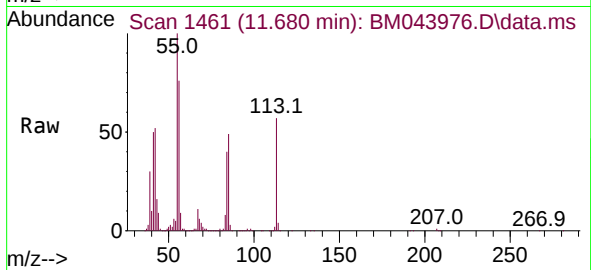




#35
Caprolactam
Concen: 41.832 ng
RT: 11.680 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BM043976.D
Acq: 05 Feb 2024 14:01

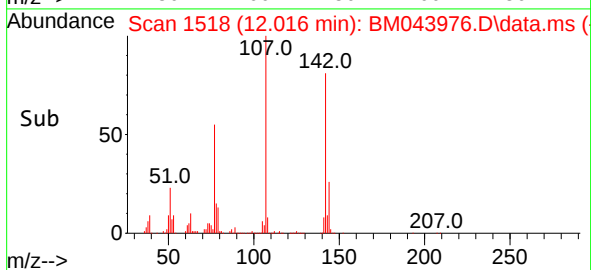
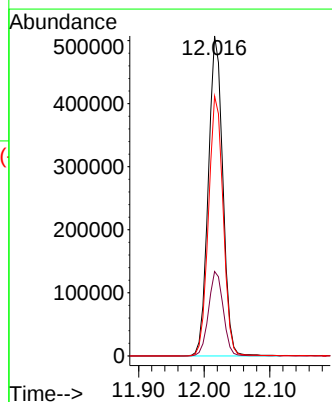
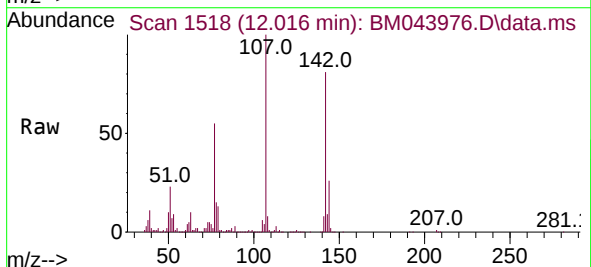
Instrument :
BNA_M
ClientSampleId :

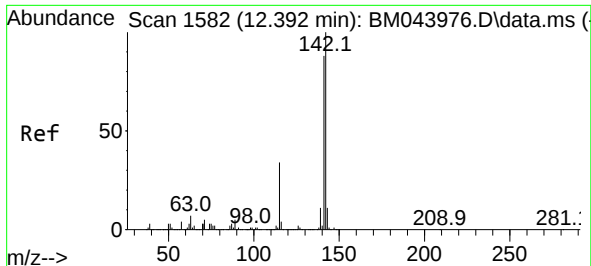
Tgt Ion:113 Resp: 266221
Ion Ratio Lower Upper
113 100
55 174.3 154.3 194.3
56 132.2 112.2 152.2



#36
4-Chloro-3-methylphenol
Concen: 41.039 ng
RT: 12.016 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BM043976.D
Acq: 05 Feb 2024 14:01

Tgt Ion:107 Resp: 779924
Ion Ratio Lower Upper
107 100
144 26.4 21.1 31.7
142 81.2 65.0 97.4

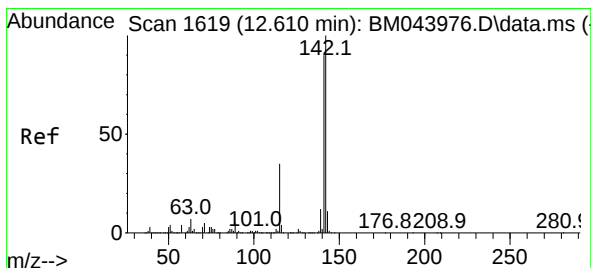
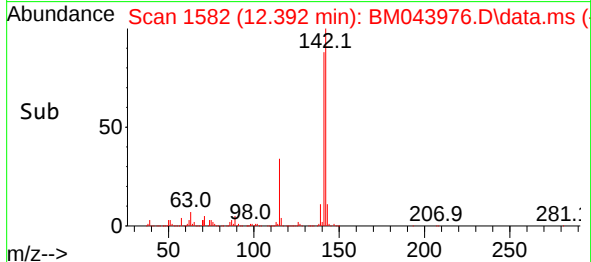
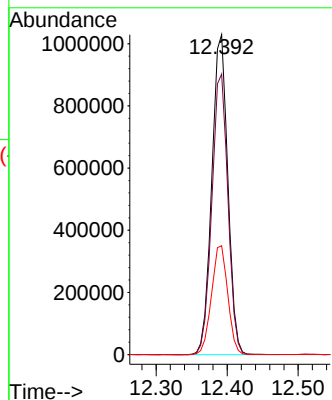
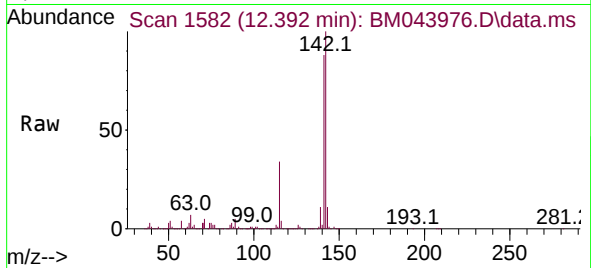




#37
2-Methylnaphthalene
Concen: 39.288 ng
RT: 12.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BM043976.D
Acq: 05 Feb 2024 14:01

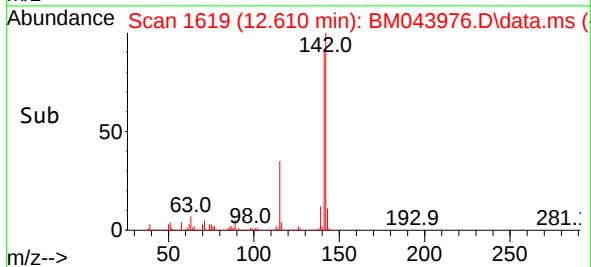
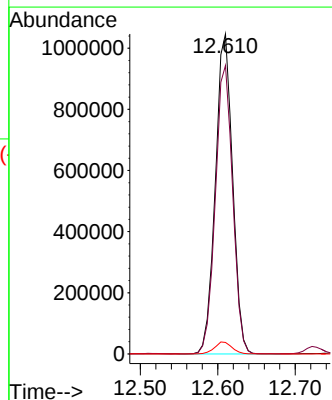
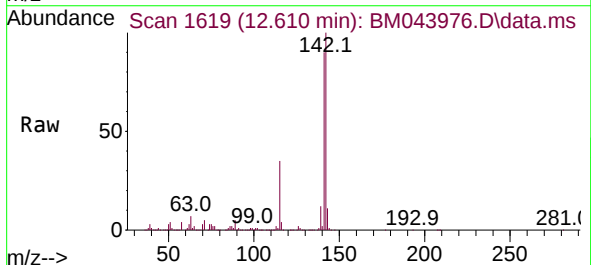
Instrument :
BNA_M
ClientSampleId :

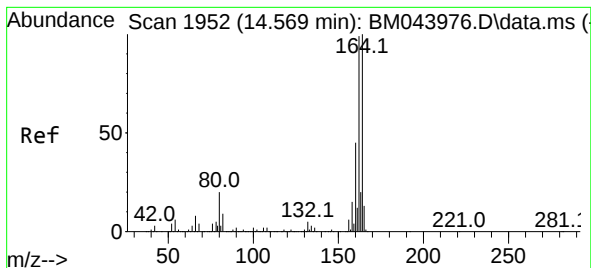
Tgt Ion:142 Resp: 1608665
Ion Ratio Lower Upper
142 100
141 87.7 70.2 105.2
115 34.0 27.2 40.8



#38
1-Methylnaphthalene
Concen: 39.461 ng
RT: 12.610 min Scan# 1619
Delta R.T. 0.000 min
Lab File: BM043976.D
Acq: 05 Feb 2024 14:01

Tgt Ion:142 Resp: 1612936
Ion Ratio Lower Upper
142 100
141 90.1 72.1 108.1
116 3.6 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.569 min Scan# 1952

Delta R.T. -0.000 min

Lab File: BM043976.D

Acq: 05 Feb 2024 14:01

Instrument :

BNA_M

ClientSampleId :

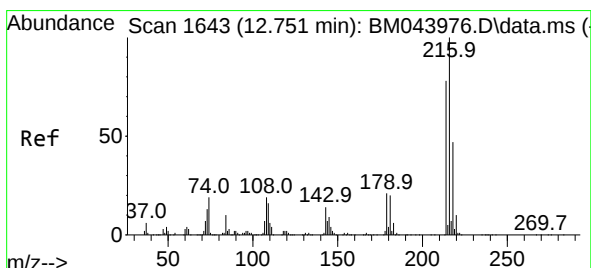
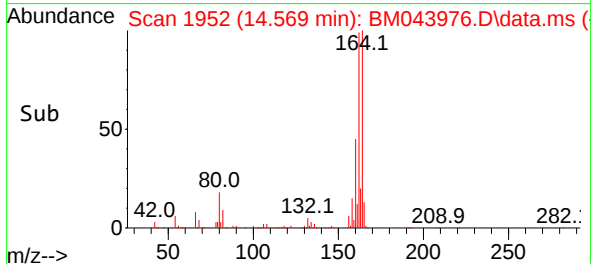
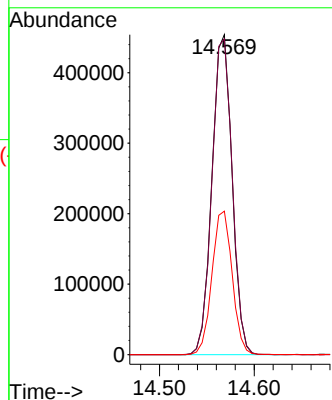
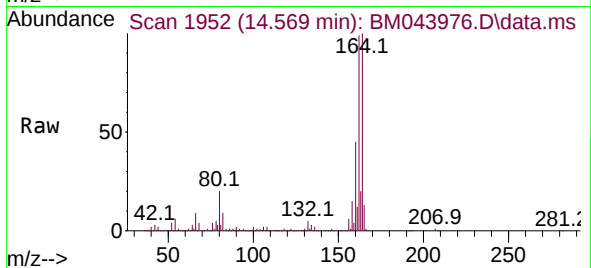
Tgt Ion:164 Resp: 670010

Ion Ratio Lower Upper

164 100

162 98.7 79.0 118.4

160 44.8 35.8 53.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.113 ng

RT: 12.751 min Scan# 1643

Delta R.T. 0.000 min

Lab File: BM043976.D

Acq: 05 Feb 2024 14:01

Tgt Ion:216 Resp: 743261

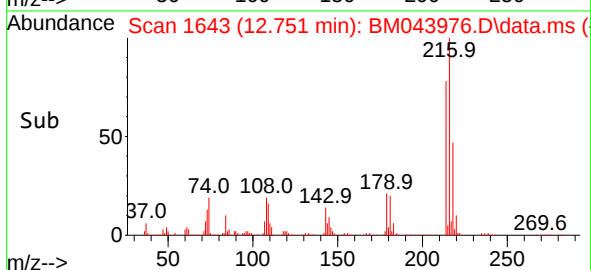
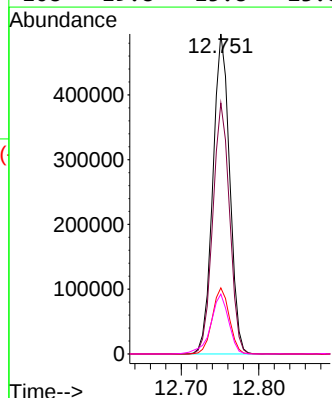
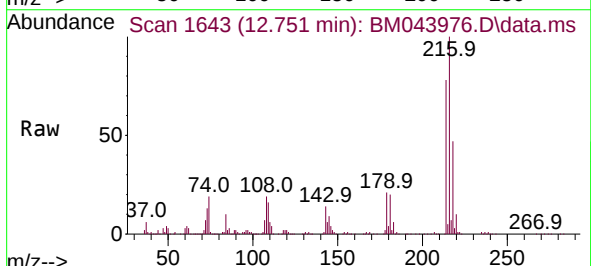
Ion Ratio Lower Upper

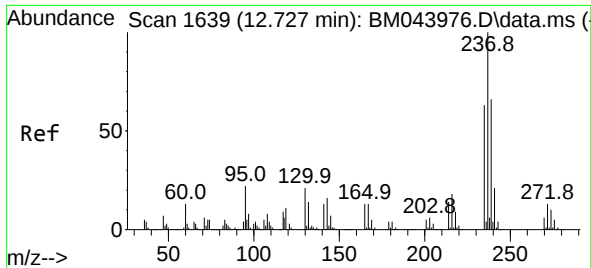
216 100

214 78.3 62.6 94.0

179 20.9 16.7 25.1

108 19.8 15.8 23.8

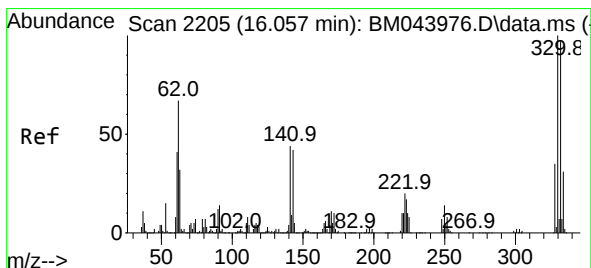
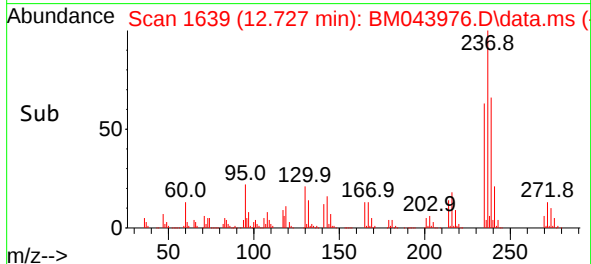
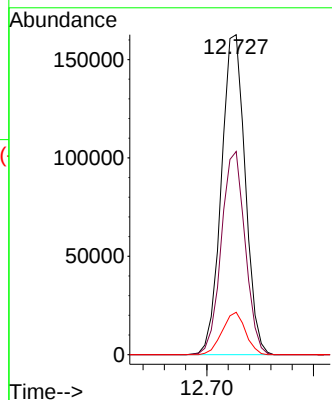
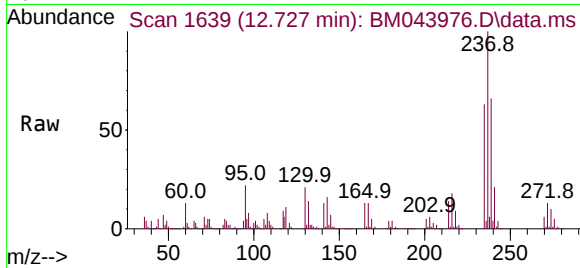




#41
Hexachlorocyclopentadiene
Concen: 40.472 ng
RT: 12.727 min Scan# 1639
Delta R.T. 0.000 min
Lab File: BM043976.D
Acq: 05 Feb 2024 14:01

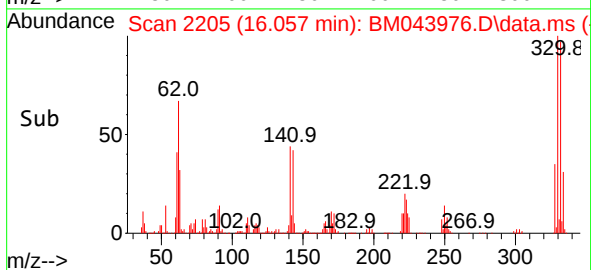
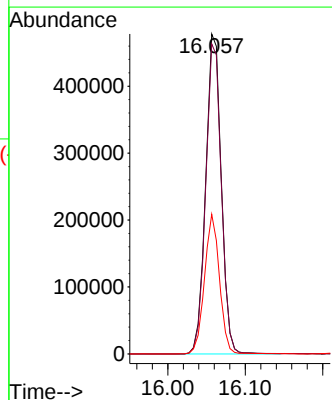
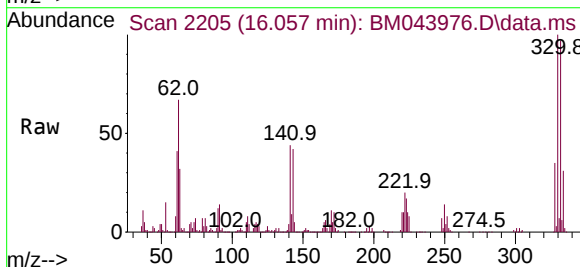
Instrument :
BNA_M
ClientSampleId :

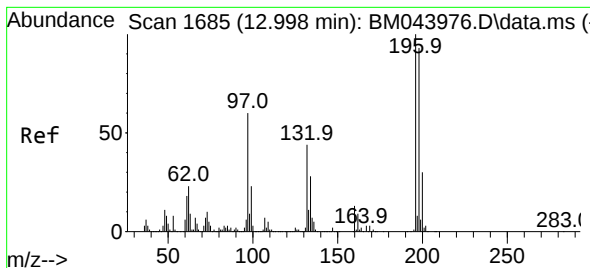
Tgt Ion:237 Resp: 252947
Ion Ratio Lower Upper
237 100
235 63.5 43.5 83.5
272 13.2 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 81.695 ng
RT: 16.057 min Scan# 2205
Delta R.T. 0.000 min
Lab File: BM043976.D
Acq: 05 Feb 2024 14:01

Tgt Ion:330 Resp: 667228
Ion Ratio Lower Upper
330 100
332 97.0 77.6 116.4
141 41.9 33.5 50.3





#43

2,4,6-Trichlorophenol

Concen: 41.139 ng

RT: 12.998 min Scan# 1685

Delta R.T. 0.000 min

Lab File: BM043976.D

Acq: 05 Feb 2024 14:01

Instrument :

BNA_M

ClientSampleId :

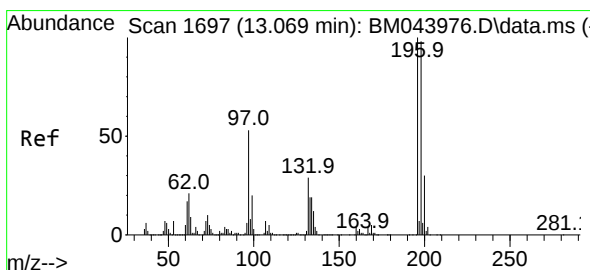
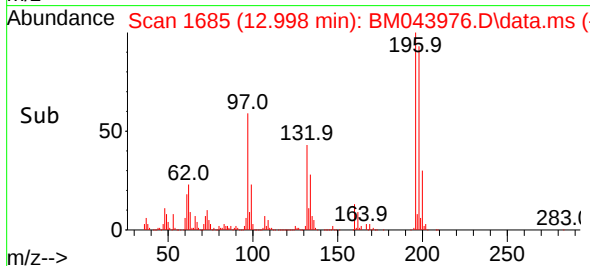
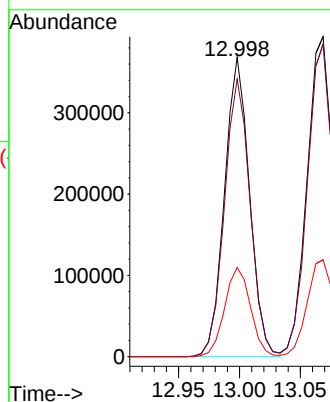
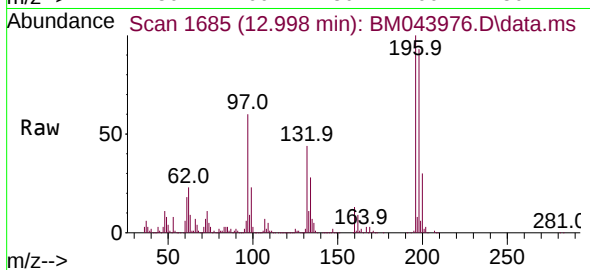
Tgt Ion:196 Resp: 528315

Ion Ratio Lower Upper

196 100

198 92.7 74.2 111.2

200 29.8 23.8 35.8



#44

2,4,5-Trichlorophenol

Concen: 40.441 ng

RT: 13.069 min Scan# 1697

Delta R.T. 0.000 min

Lab File: BM043976.D

Acq: 05 Feb 2024 14:01

Tgt Ion:196 Resp: 592522

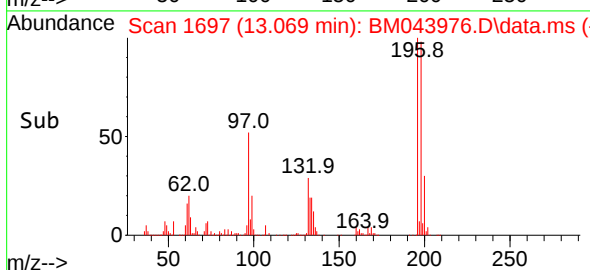
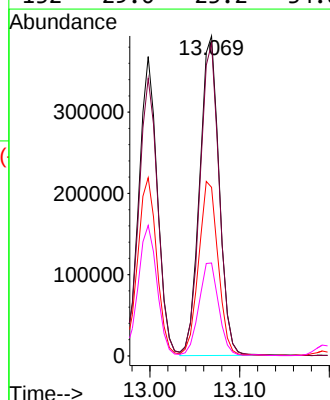
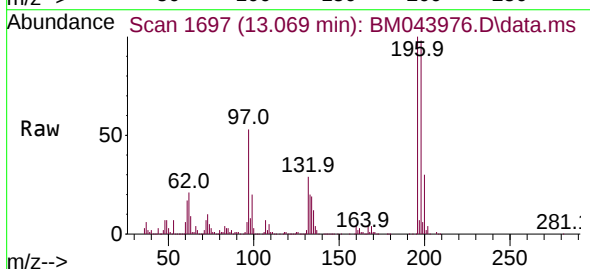
Ion Ratio Lower Upper

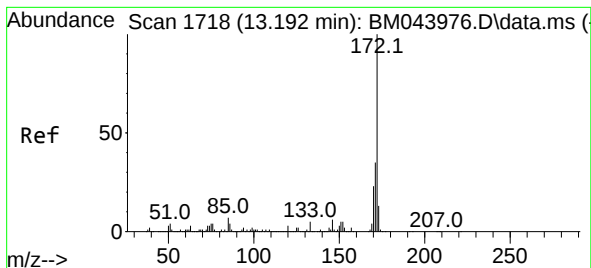
196 100

198 97.6 78.1 117.1

97 52.7 42.2 63.2

132 29.0 23.2 34.8

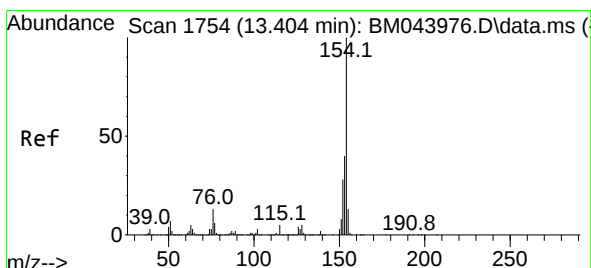
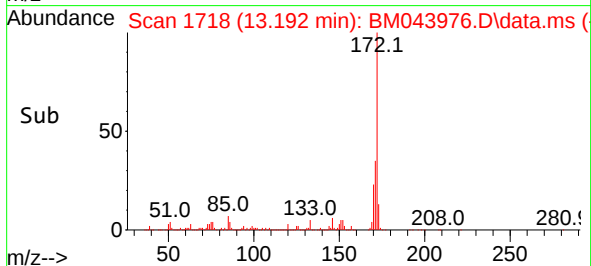
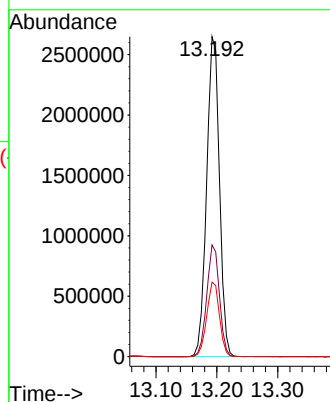
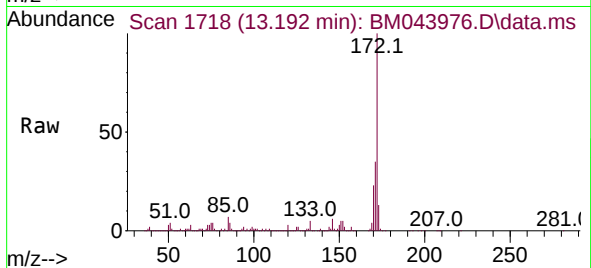




#45
2-Fluorobiphenyl
Concen: 79.079 ng
RT: 13.192 min Scan# 1718
Delta R.T. 0.000 min
Lab File: BM043976.D
Acq: 05 Feb 2024 14:01

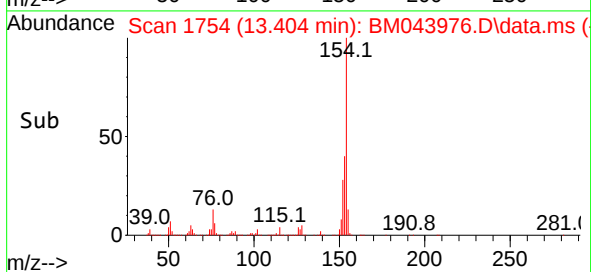
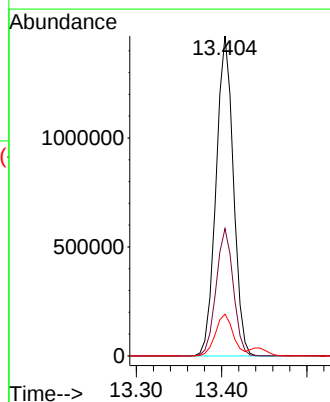
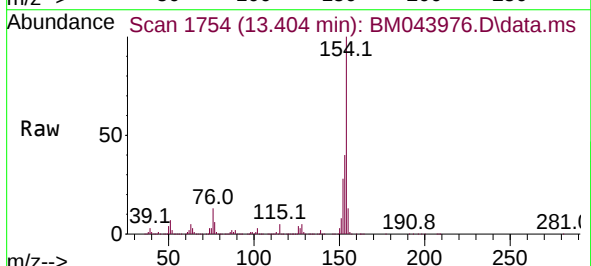
Instrument :
BNA_M
ClientSampleId :

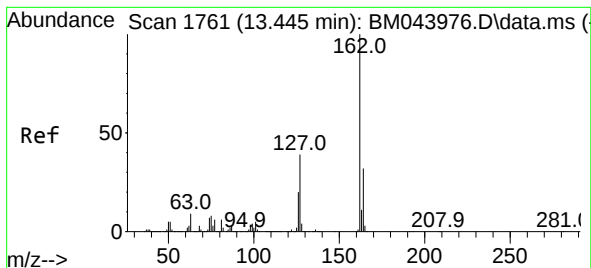
Tgt Ion:172 Resp: 3855988
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 23.3 18.6 28.0



#46
1,1'-Biphenyl
Concen: 39.284 ng
RT: 13.404 min Scan# 1754
Delta R.T. 0.000 min
Lab File: BM043976.D
Acq: 05 Feb 2024 14:01

Tgt Ion:154 Resp: 2069808
Ion Ratio Lower Upper
154 100
153 39.8 19.8 59.8
76 13.0 0.0 33.0

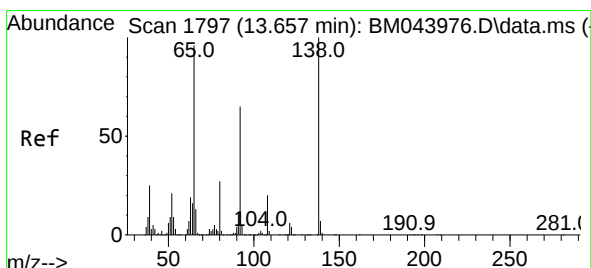
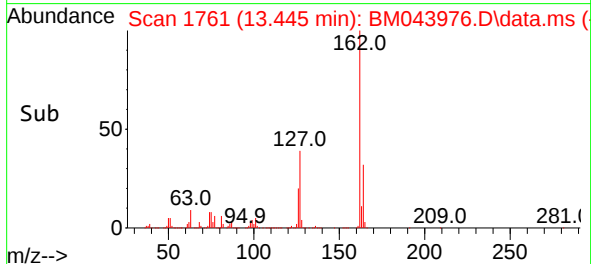
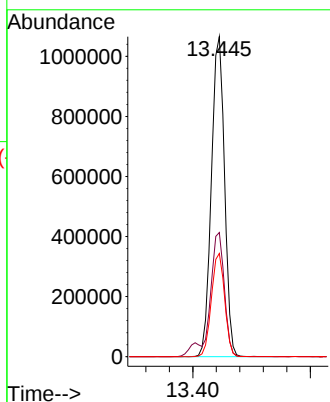
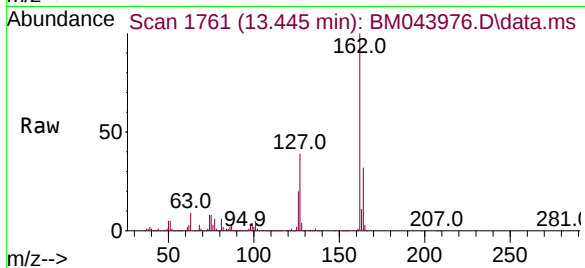




#47
2-Chloronaphthalene
Concen: 39.310 ng
RT: 13.445 min Scan# 1761
Delta R.T. 0.000 min
Lab File: BM043976.D
Acq: 05 Feb 2024 14:01

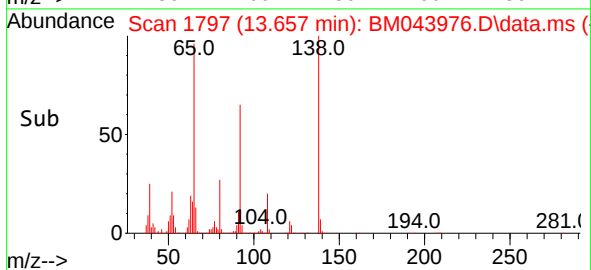
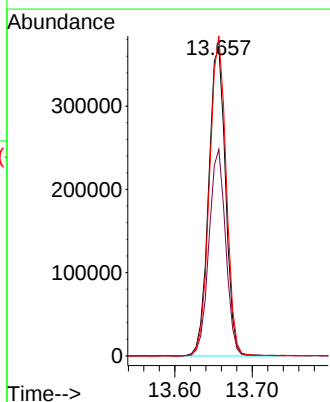
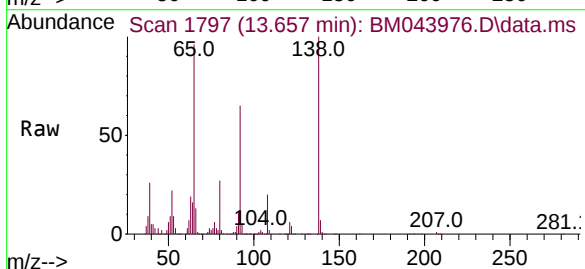
Instrument :
BNA_M
ClientSampleId :

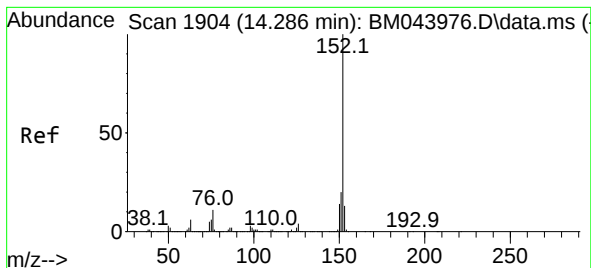
Tgt Ion:162 Resp: 1651761
Ion Ratio Lower Upper
162 100
127 38.8 31.0 46.6
164 32.2 25.8 38.6



#48
2-Nitroaniline
Concen: 41.206 ng
RT: 13.657 min Scan# 1797
Delta R.T. 0.000 min
Lab File: BM043976.D
Acq: 05 Feb 2024 14:01

Tgt Ion: 65 Resp: 563131
Ion Ratio Lower Upper
65 100
92 67.0 53.6 80.4
138 103.8 83.0 124.6





#49

Acenaphthylene

Concen: 40.132 ng

RT: 14.286 min Scan# 1904

Delta R.T. 0.000 min

Lab File: BM043976.D

Acq: 05 Feb 2024 14:01

Instrument :

BNA_M

ClientSampleId :

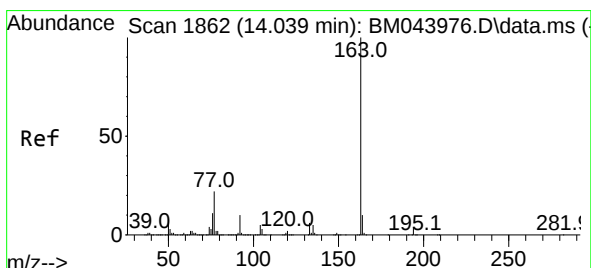
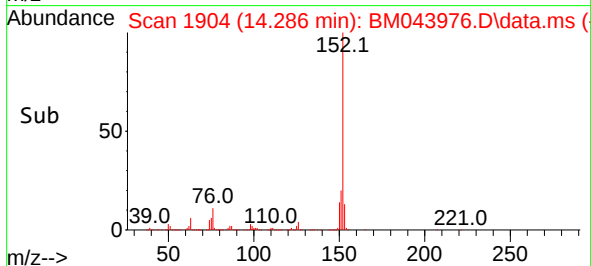
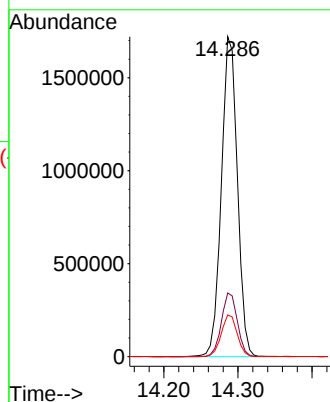
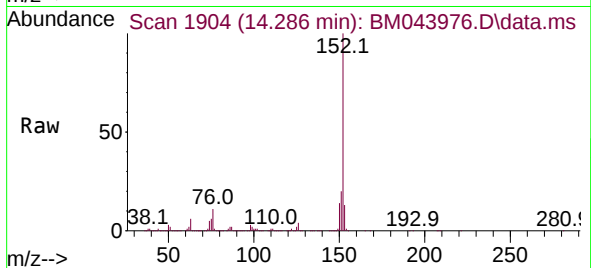
Tgt Ion:152 Resp: 2577704

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 13.0 10.4 15.6



#50

Dimethylphthalate

Concen: 39.601 ng

RT: 14.039 min Scan# 1862

Delta R.T. 0.000 min

Lab File: BM043976.D

Acq: 05 Feb 2024 14:01

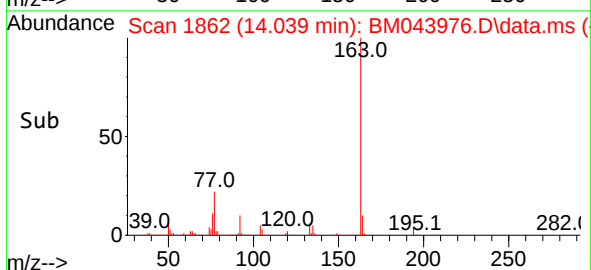
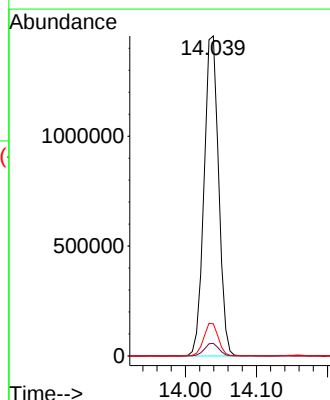
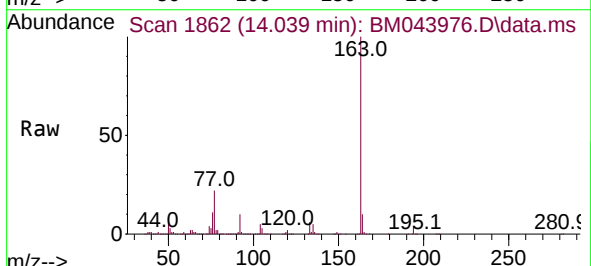
Tgt Ion:163 Resp: 2060966

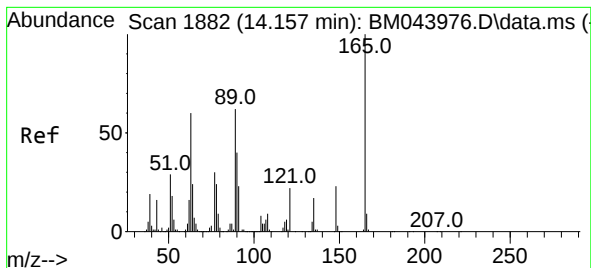
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.0 8.0 12.0

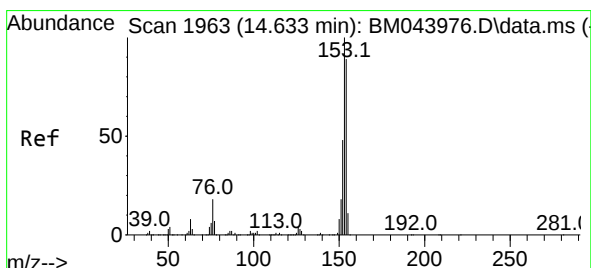
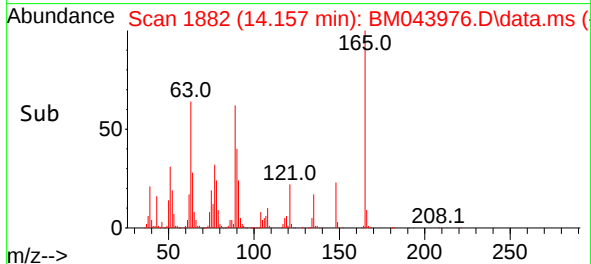
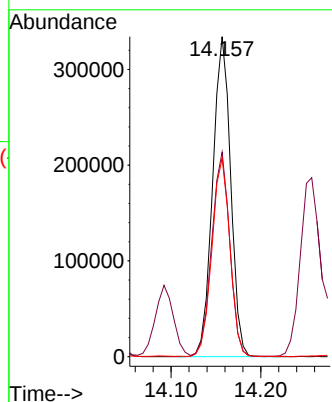
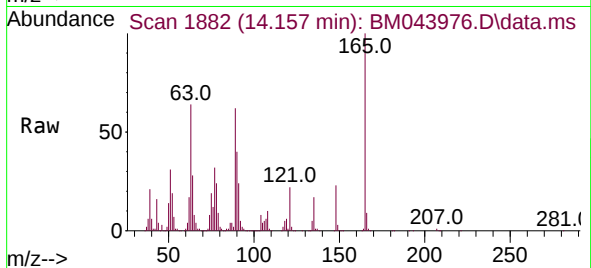




#51
2,6-Dinitrotoluene
Concen: 40.861 ng
RT: 14.157 min Scan# 1882
Delta R.T. 0.000 min
Lab File: BM043976.D
Acq: 05 Feb 2024 14:01

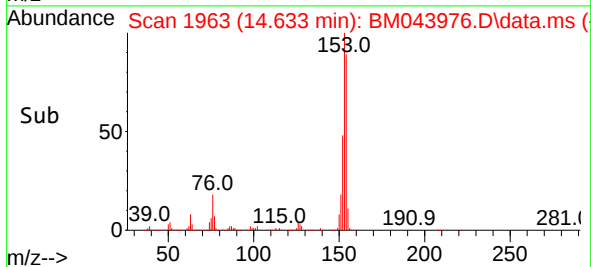
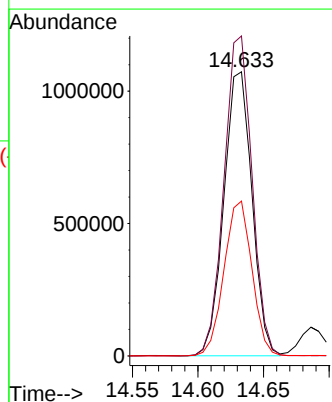
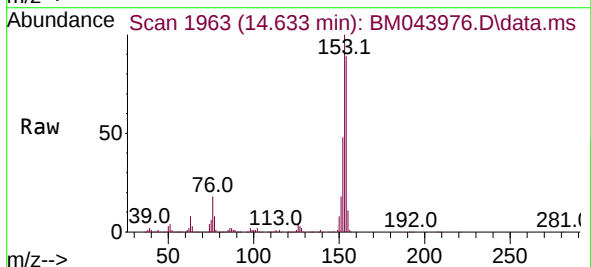
Instrument :
BNA_M
ClientSampleId :

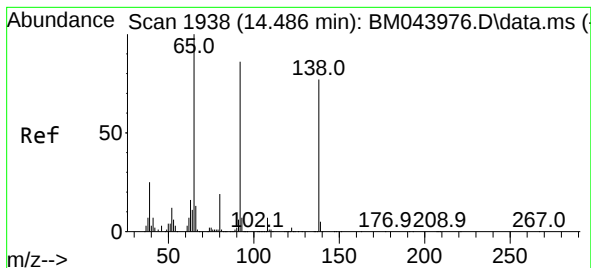
Tgt Ion:165 Resp: 467437
Ion Ratio Lower Upper
165 100
63 63.9 51.1 76.7
89 61.9 49.5 74.3



#52
Acenaphthene
Concen: 39.370 ng
RT: 14.633 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BM043976.D
Acq: 05 Feb 2024 14:01

Tgt Ion:154 Resp: 1603078
Ion Ratio Lower Upper
154 100
153 112.6 90.1 135.1
152 54.5 43.6 65.4

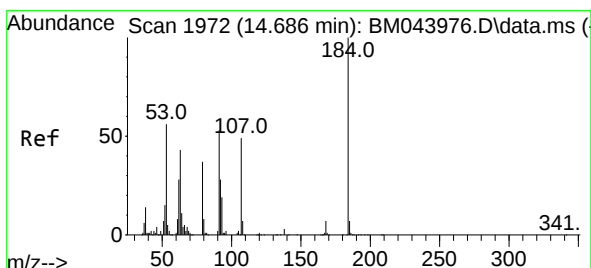
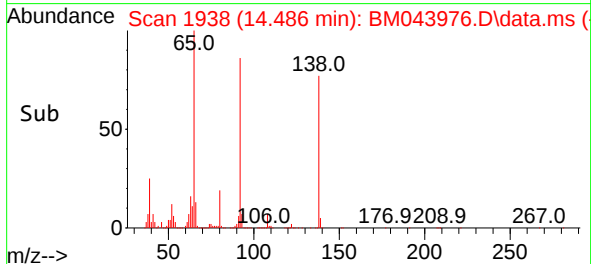
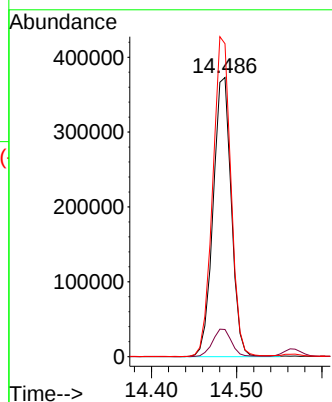
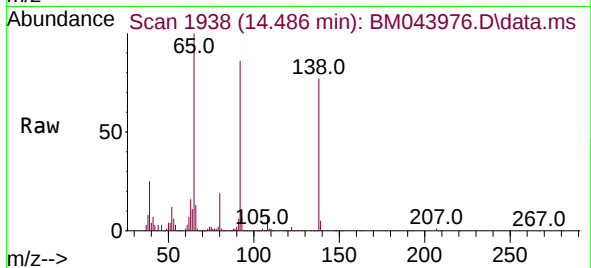




#53
3-Nitroaniline
Concen: 41.515 ng
RT: 14.486 min Scan# 1938
Delta R.T. 0.000 min
Lab File: BM043976.D
Acq: 05 Feb 2024 14:01

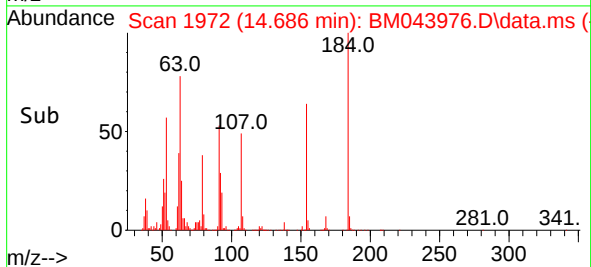
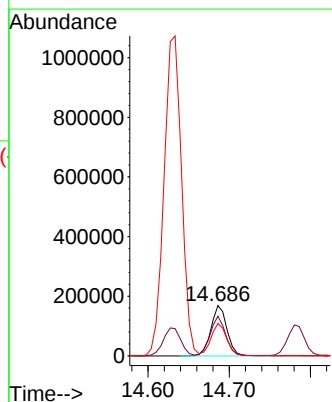
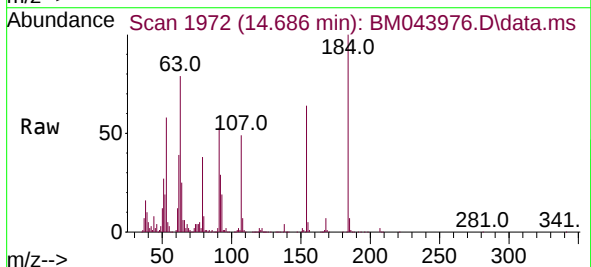
Instrument :
BNA_M
ClientSampleId :

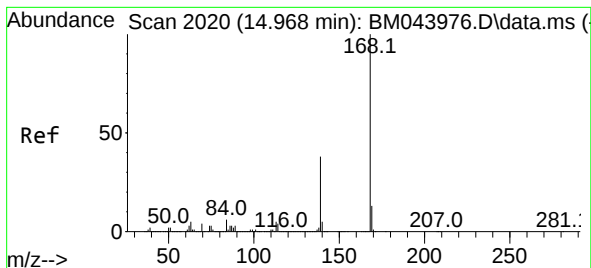
Tgt Ion:138 Resp: 551347
Ion Ratio Lower Upper
138 100
108 9.7 7.8 11.6
92 112.1 89.7 134.5



#54
2,4-Dinitrophenol
Concen: 39.563 ng
RT: 14.686 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BM043976.D
Acq: 05 Feb 2024 14:01

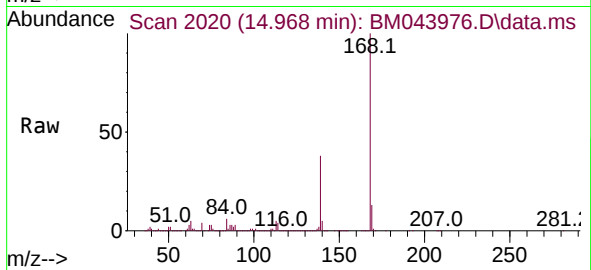
Tgt Ion:184 Resp: 231383
Ion Ratio Lower Upper
184 100
63 78.5 62.8 94.2
154 64.3 51.4 77.2



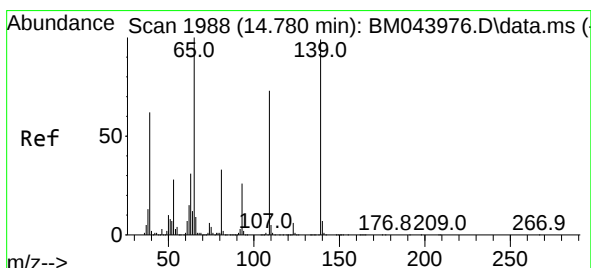
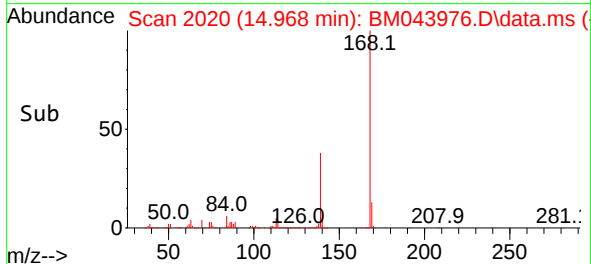
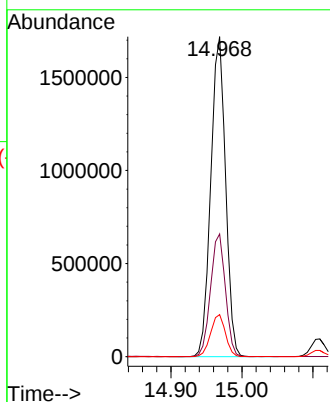


#55
Dibenzofuran
Concen: 39.189 ng
RT: 14.968 min Scan# 20
Delta R.T. 0.000 min
Lab File: BM043976.D
Acq: 05 Feb 2024 14:01

Instrument :
BNA_M
ClientSampleId :

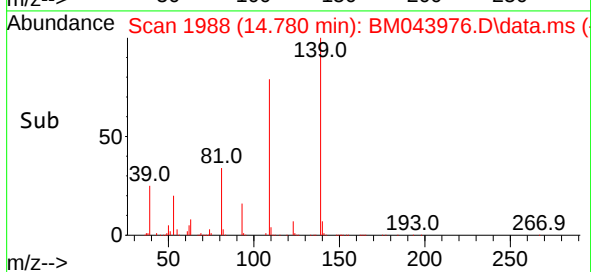
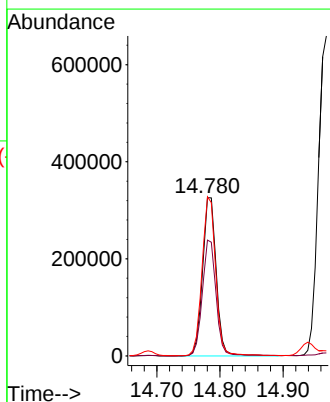
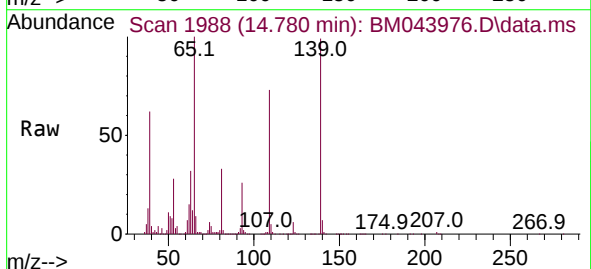


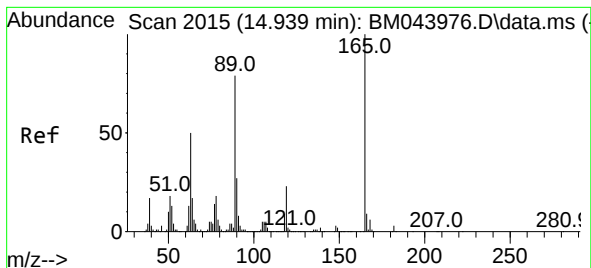
Tgt Ion:168 Resp: 2483280
Ion Ratio Lower Upper
168 100
139 38.4 30.7 46.1
169 13.1 10.5 15.7



#56
4-Nitrophenol
Concen: 42.197 ng
RT: 14.780 min Scan# 1988
Delta R.T. 0.000 min
Lab File: BM043976.D
Acq: 05 Feb 2024 14:01

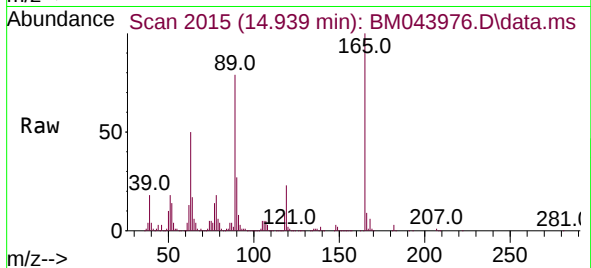
Tgt Ion:139 Resp: 489733
Ion Ratio Lower Upper
139 100
109 73.2 53.2 93.2
65 100.7 80.7 120.7



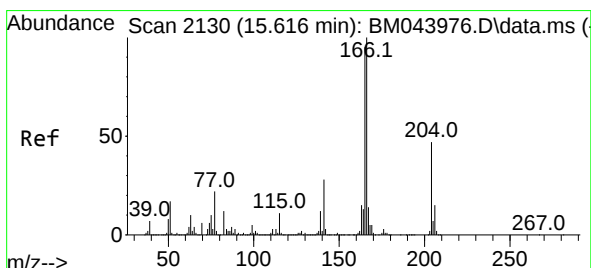
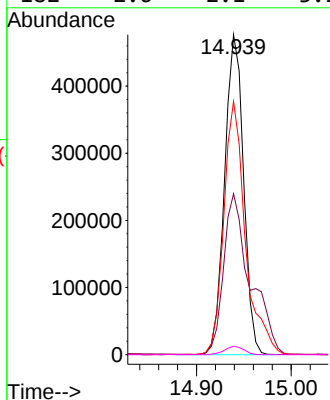
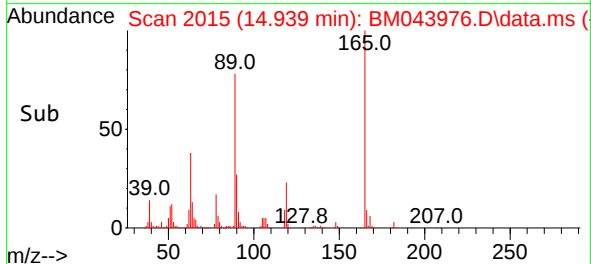


#57
2,4-Dinitrotoluene
Concen: 41.560 ng
RT: 14.939 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BM043976.D
Acq: 05 Feb 2024 14:01

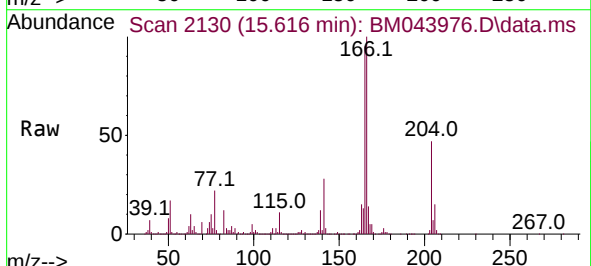
Instrument :
BNA_M
ClientSampleId :



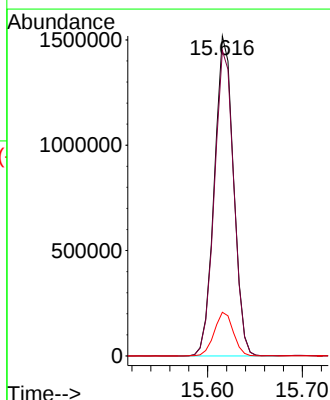
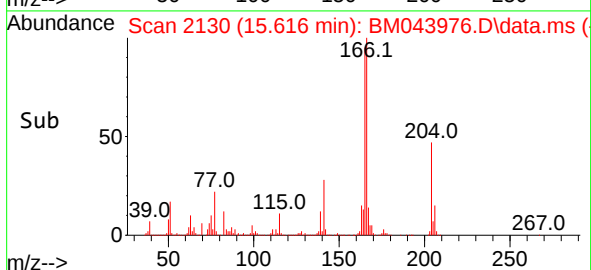
Tgt Ion:165 Resp: 661833
Ion Ratio Lower Upper
165 100
63 50.3 40.2 60.4
89 79.1 63.3 94.9
182 2.6 2.1 3.1

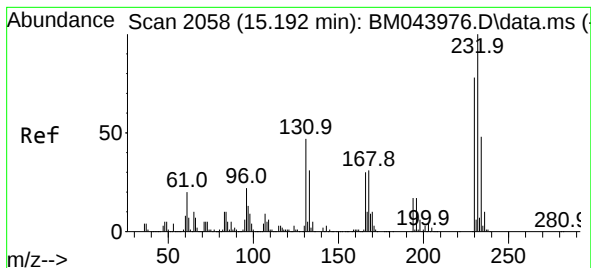


#58
Fluorene
Concen: 39.879 ng
RT: 15.616 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BM043976.D
Acq: 05 Feb 2024 14:01



Tgt Ion:166 Resp: 2134062
Ion Ratio Lower Upper
166 100
165 95.4 76.3 114.5
167 13.6 10.9 16.3

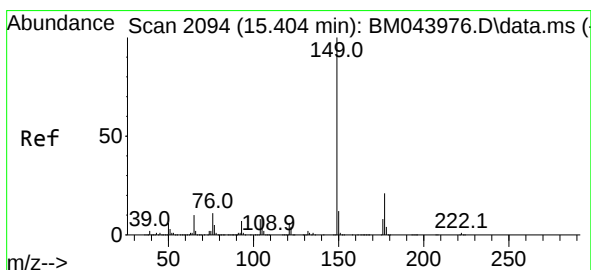
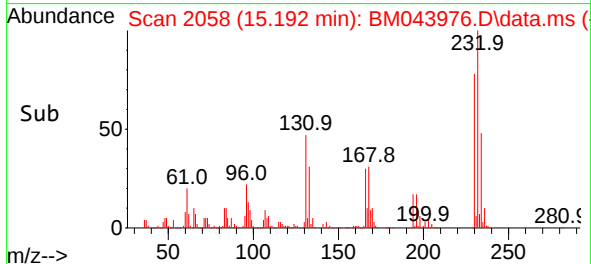
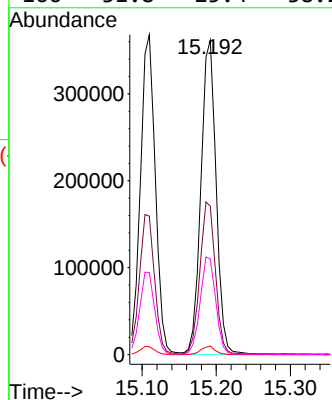
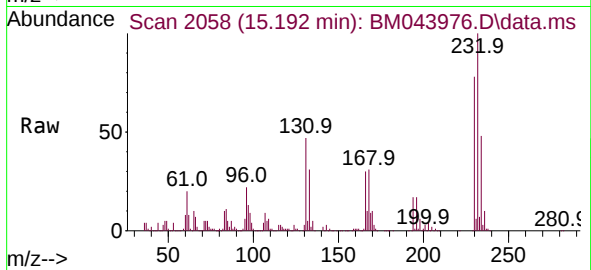




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.687 ng
RT: 15.192 min Scan# 2058
Delta R.T. 0.000 min
Lab File: BM043976.D
Acq: 05 Feb 2024 14:01

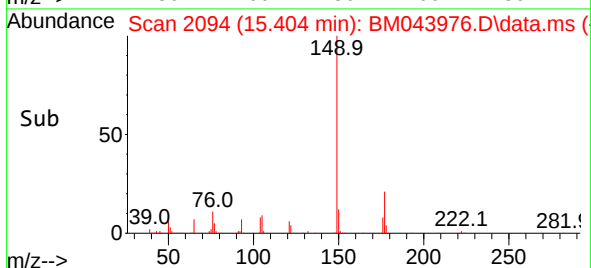
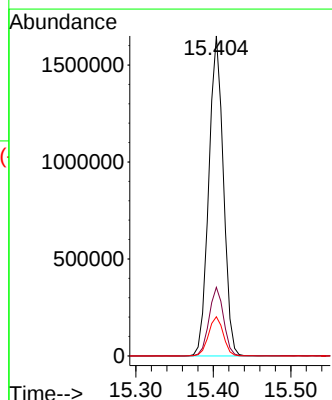
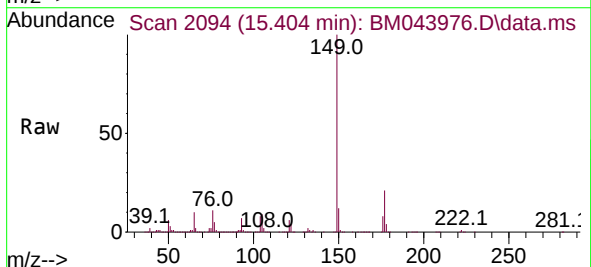
Instrument :
BNA_M
ClientSampleId :

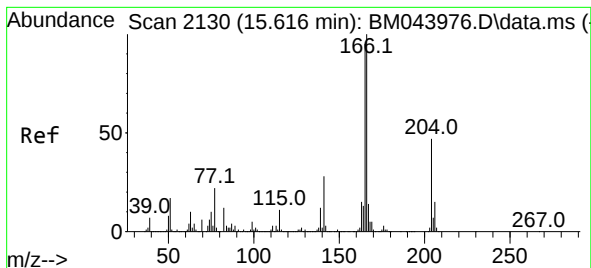
Tgt Ion:232 Resp: 513920
Ion Ratio Lower Upper
232 100
131 49.7 39.8 59.6
130 2.5 2.0 3.0
166 31.8 25.4 38.2



#60
Diethylphthalate
Concen: 39.949 ng
RT: 15.404 min Scan# 2094
Delta R.T. 0.000 min
Lab File: BM043976.D
Acq: 05 Feb 2024 14:01

Tgt Ion:149 Resp: 2152294
Ion Ratio Lower Upper
149 100
177 21.4 17.1 25.7
150 12.2 9.8 14.6

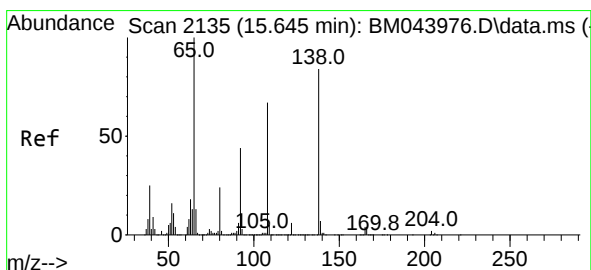
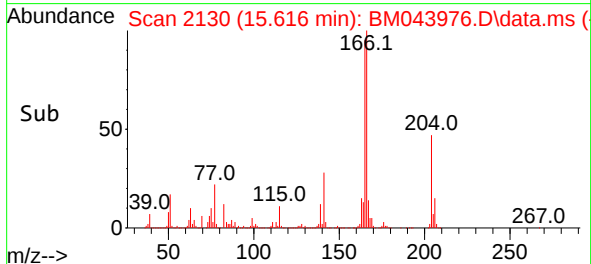
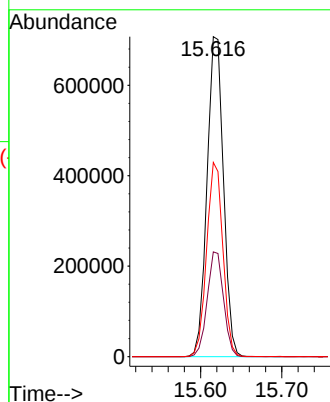
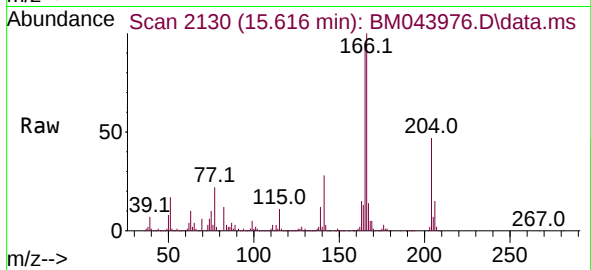




#61
4-Chlorophenyl-phenylether
Concen: 39.886 ng
RT: 15.616 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BM043976.D
Acq: 05 Feb 2024 14:01

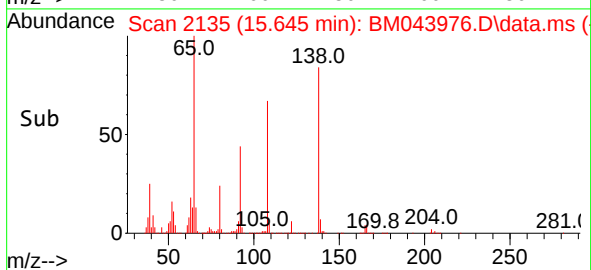
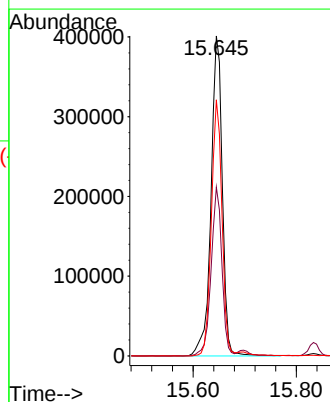
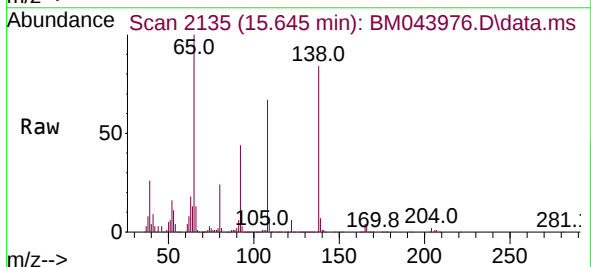
Instrument :
BNA_M
ClientSampleId :

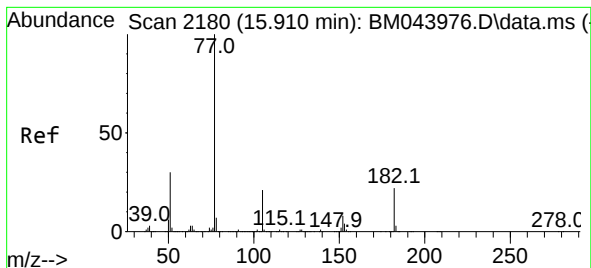
Tgt Ion:204 Resp: 995792
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 60.7 48.6 72.8



#62
4-Nitroaniline
Concen: 41.961 ng
RT: 15.645 min Scan# 2135
Delta R.T. 0.000 min
Lab File: BM043976.D
Acq: 05 Feb 2024 14:01

Tgt Ion:138 Resp: 609294
Ion Ratio Lower Upper
138 100
92 52.7 32.7 72.7
108 80.0 60.0 100.0





#63

Azobenzene

Concen: 40.718 ng

RT: 15.910 min Scan# 2180

Delta R.T. 0.000 min

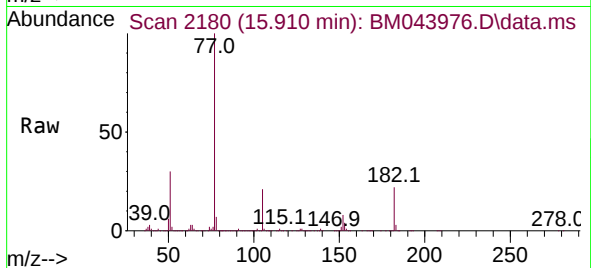
Lab File: BM043976.D

Acq: 05 Feb 2024 14:01

Instrument :

BNA_M

ClientSampleId :



Tgt Ion: 77 Resp: 2191067

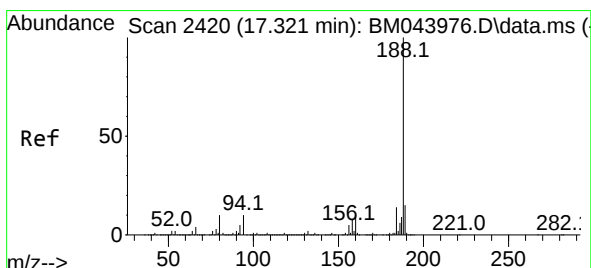
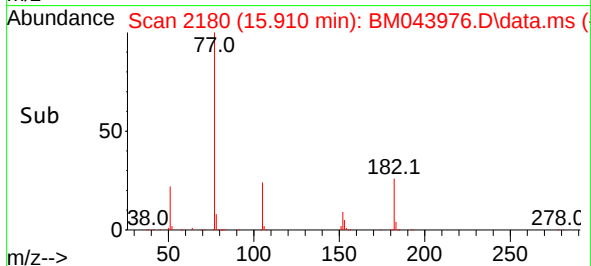
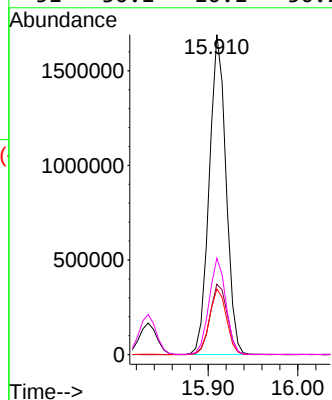
Ion Ratio Lower Upper

77 100

182 22.0 2.0 42.0

105 20.5 0.5 40.5

51 30.1 10.1 50.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.321 min Scan# 2420

Delta R.T. 0.000 min

Lab File: BM043976.D

Acq: 05 Feb 2024 14:01

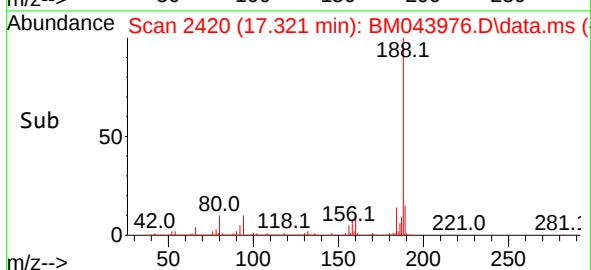
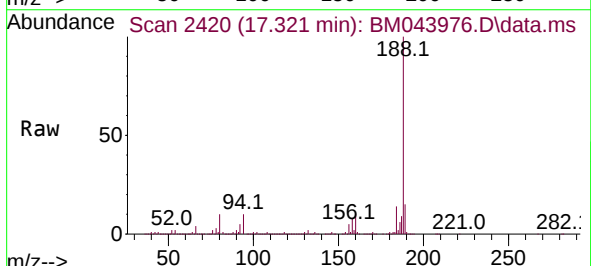
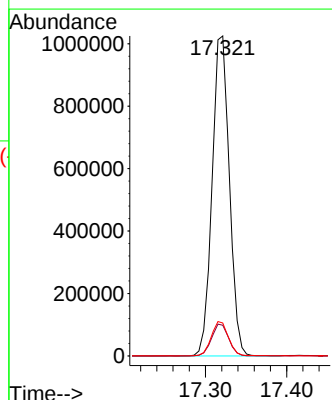
Tgt Ion:188 Resp: 1512749

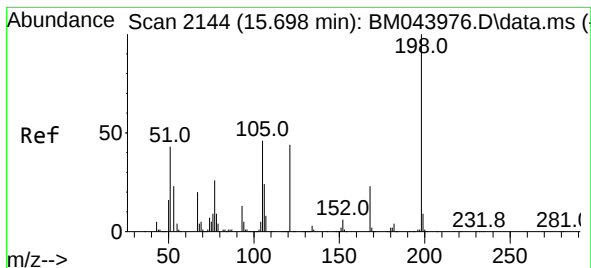
Ion Ratio Lower Upper

188 100

94 9.6 7.7 11.5

80 10.3 8.2 12.4

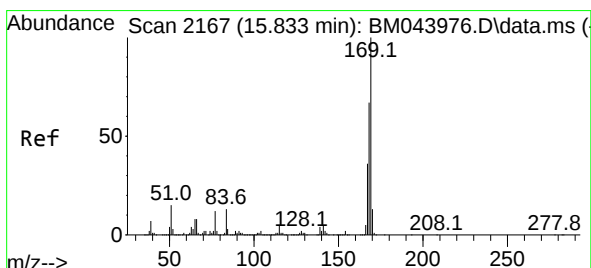
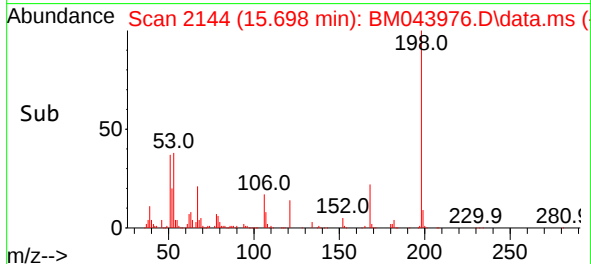
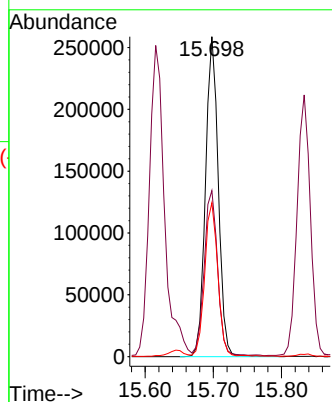
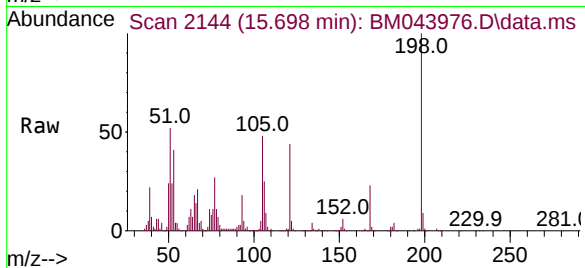




#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.832 ng
 RT: 15.698 min Scan# 2144
 Delta R.T. -0.000 min
 Lab File: BM043976.D
 Acq: 05 Feb 2024 14:01

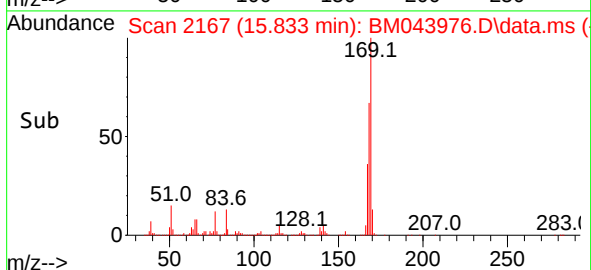
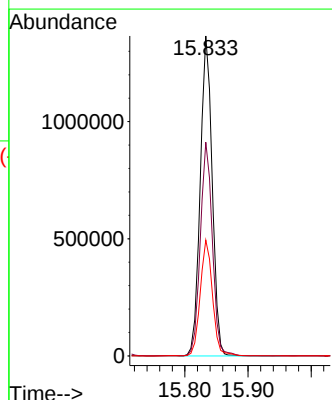
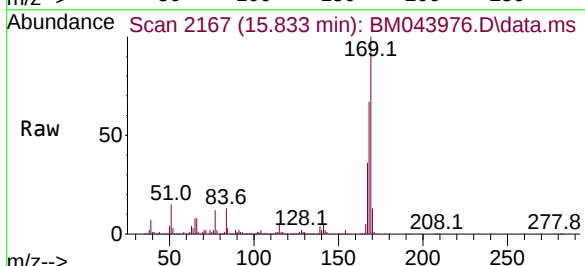
Instrument :
 BNA_M
 ClientSampleId :

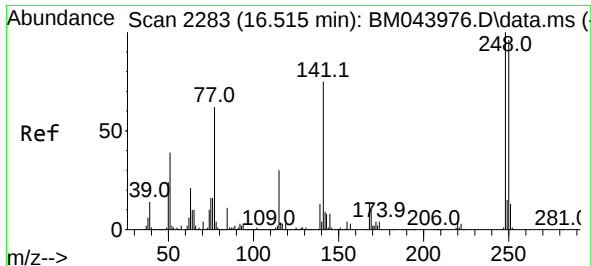
Tgt Ion:198 Resp: 337262
 Ion Ratio Lower Upper
 198 100
 51 51.9 31.9 71.9
 105 48.1 28.1 68.1



#66
 n-Nitrosodiphenylamine
 Concen: 39.836 ng
 RT: 15.833 min Scan# 2167
 Delta R.T. 0.000 min
 Lab File: BM043976.D
 Acq: 05 Feb 2024 14:01

Tgt Ion:169 Resp: 1795084
 Ion Ratio Lower Upper
 169 100
 168 66.8 53.4 80.2
 167 36.2 29.0 43.4

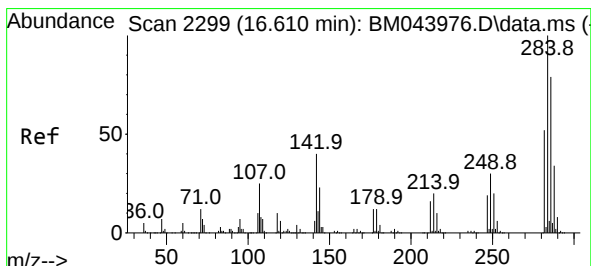
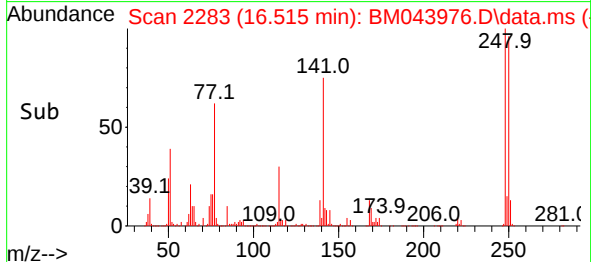
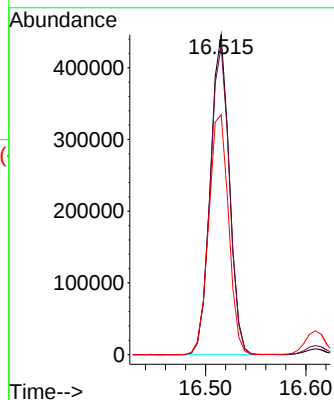
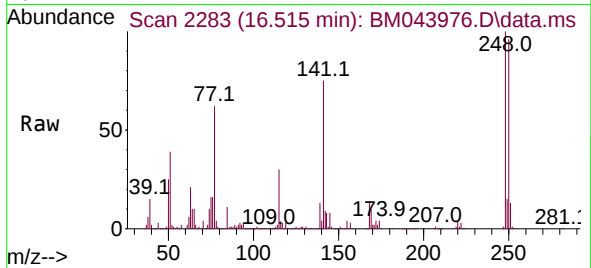




#67
4-Bromophenyl-phenylether
Concen: 39.359 ng
RT: 16.515 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BM043976.D
Acq: 05 Feb 2024 14:01

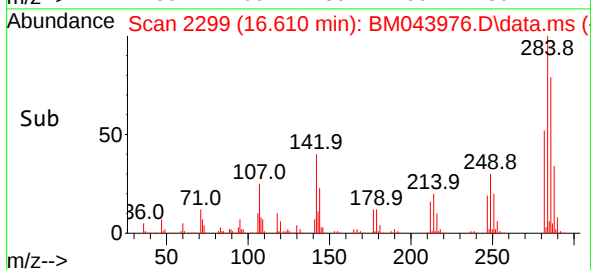
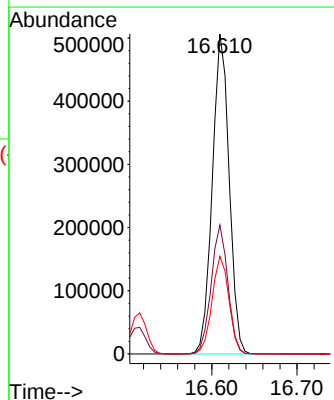
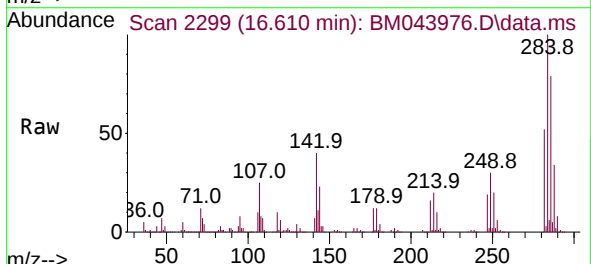
Instrument :
BNA_M
ClientSampleId :

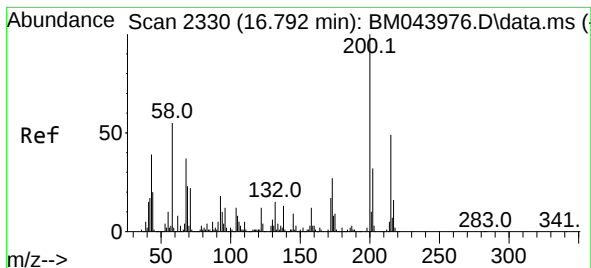
Tgt Ion:248 Resp: 586544
Ion Ratio Lower Upper
248 100
250 96.2 77.0 115.4
141 74.9 59.9 89.9



#68
Hexachlorobenzene
Concen: 39.079 ng
RT: 16.610 min Scan# 2299
Delta R.T. 0.000 min
Lab File: BM043976.D
Acq: 05 Feb 2024 14:01

Tgt Ion:284 Resp: 694350
Ion Ratio Lower Upper
284 100
142 40.3 32.2 48.4
249 30.5 24.4 36.6





#69

Atrazine

Concen: 41.987 ng

RT: 16.792 min Scan# 2330

Delta R.T. 0.000 min

Lab File: BM043976.D

Acq: 05 Feb 2024 14:01

Instrument :

BNA_M

ClientSampleId :

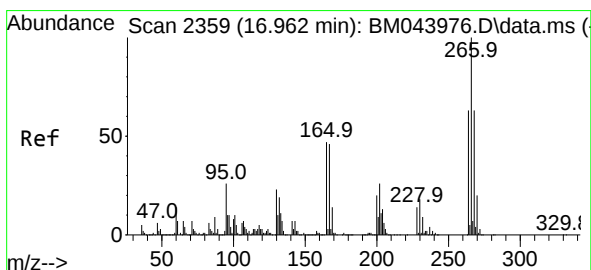
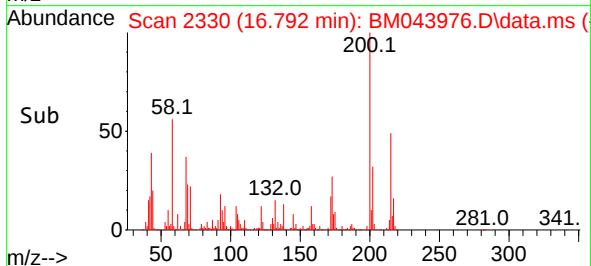
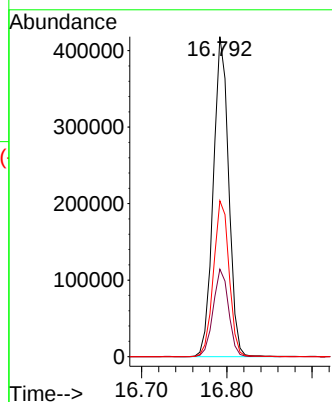
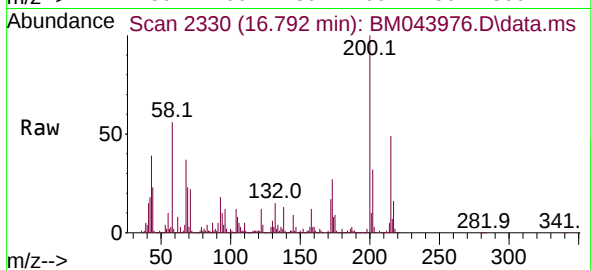
Tgt Ion:200 Resp: 523431

Ion Ratio Lower Upper

200 100

173 27.3 7.3 47.3

215 48.7 28.7 68.7



#70

Pentachlorophenol

Concen: 41.811 ng

RT: 16.962 min Scan# 2359

Delta R.T. 0.000 min

Lab File: BM043976.D

Acq: 05 Feb 2024 14:01

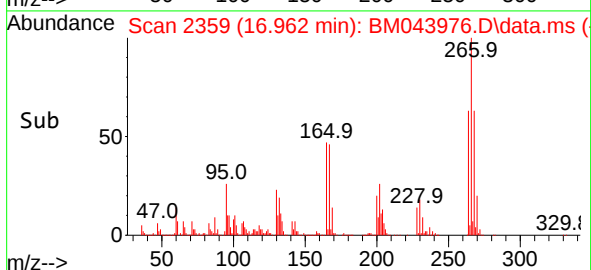
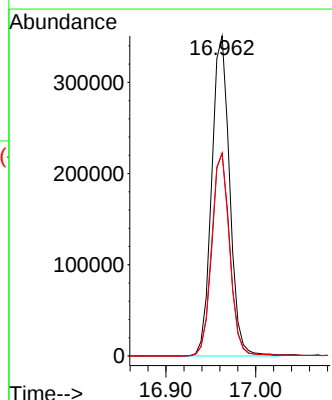
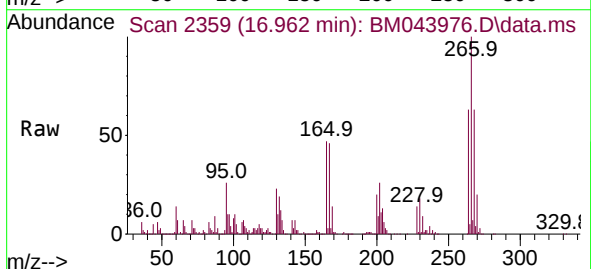
Tgt Ion:266 Resp: 487821

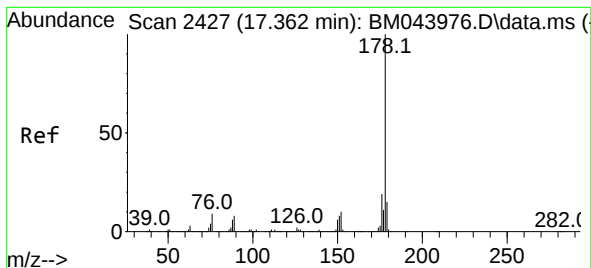
Ion Ratio Lower Upper

266 100

268 63.3 50.6 76.0

264 63.3 50.6 76.0





#71

Phenanthrene

Concen: 39.692 ng

RT: 17.362 min Scan# 2427

Delta R.T. 0.000 min

Lab File: BM043976.D

Acq: 05 Feb 2024 14:01

Instrument :

BNA_M

ClientSampleId :

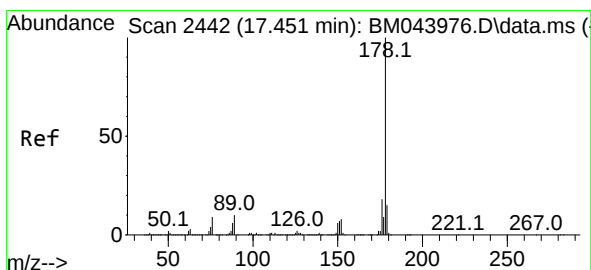
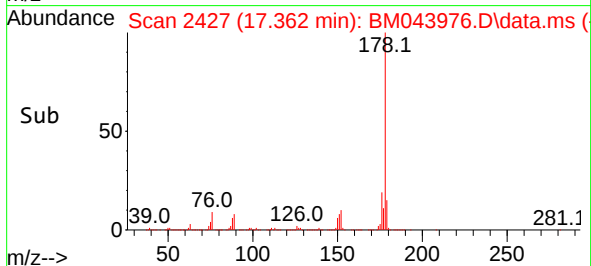
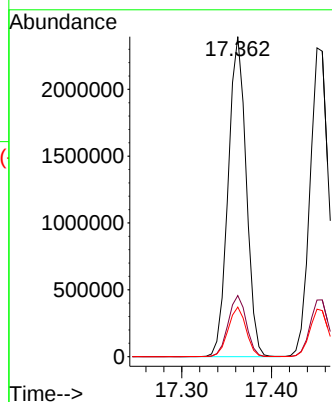
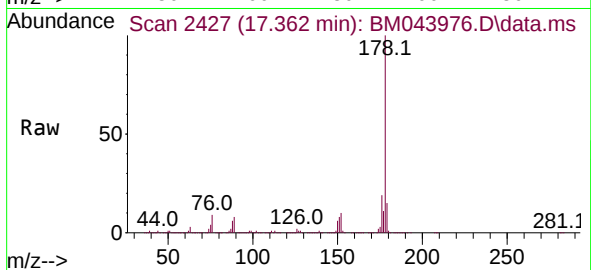
Tgt Ion:178 Resp: 3344350

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 15.5 12.4 18.6



#72

Anthracene

Concen: 40.285 ng

RT: 17.451 min Scan# 2442

Delta R.T. 0.000 min

Lab File: BM043976.D

Acq: 05 Feb 2024 14:01

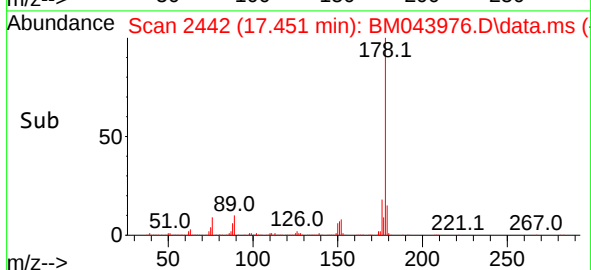
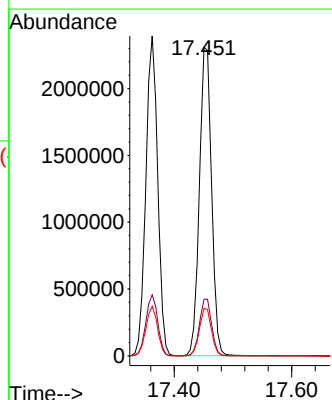
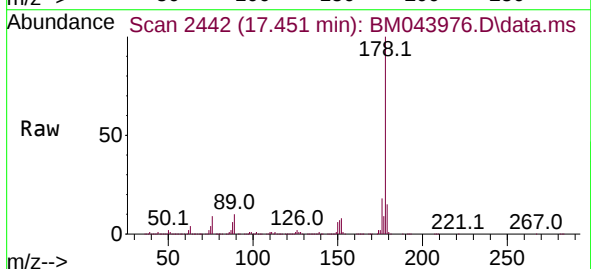
Tgt Ion:178 Resp: 3323170

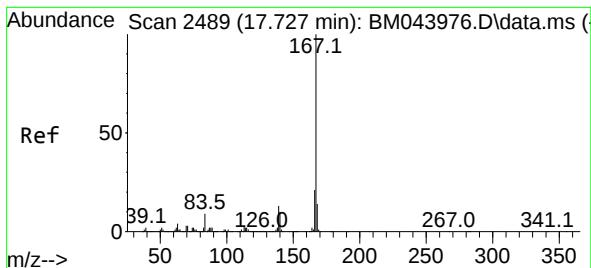
Ion Ratio Lower Upper

178 100

176 18.3 14.6 22.0

179 15.3 12.2 18.4





#73

Carbazole

Concen: 40.507 ng

RT: 17.727 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM043976.D

Acq: 05 Feb 2024 14:01

Instrument :

BNA_M

ClientSampleId :

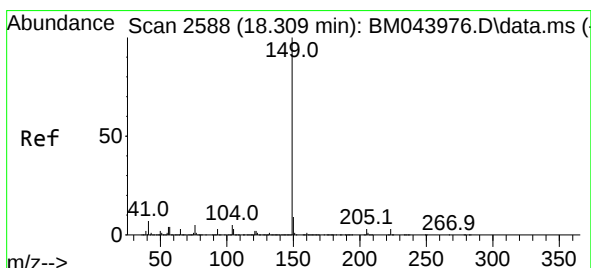
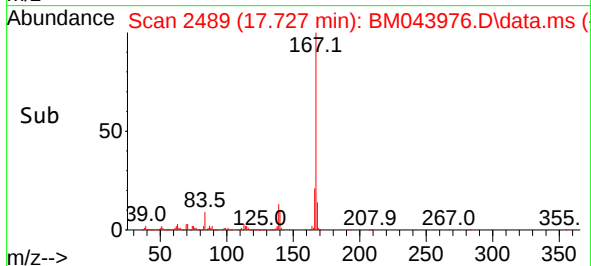
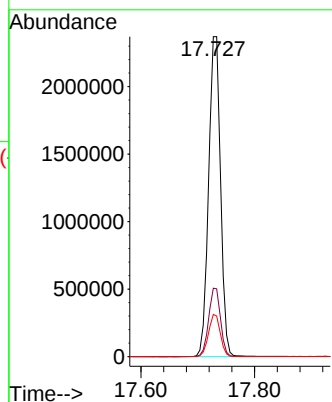
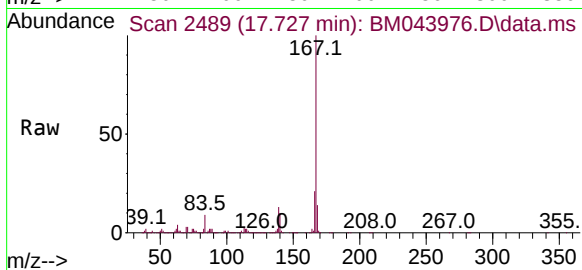
Tgt Ion:167 Resp: 3460577

Ion Ratio Lower Upper

167 100

166 21.4 17.1 25.7

139 13.2 10.6 15.8



#74

Di-n-butylphthalate

Concen: 41.092 ng

RT: 18.309 min Scan# 2588

Delta R.T. 0.000 min

Lab File: BM043976.D

Acq: 05 Feb 2024 14:01

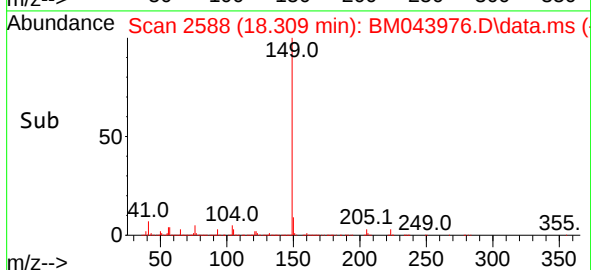
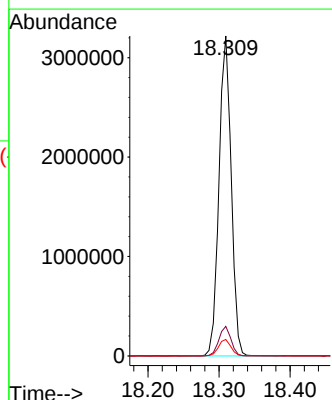
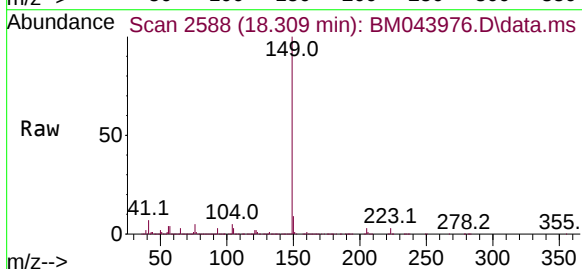
Tgt Ion:149 Resp: 3850041

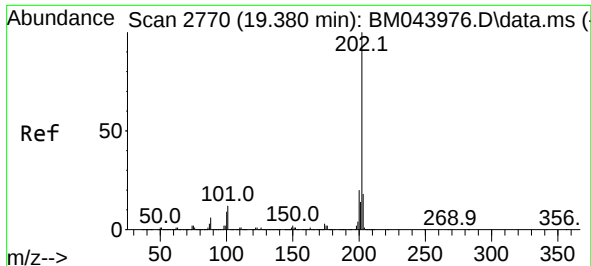
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 5.1 4.1 6.1

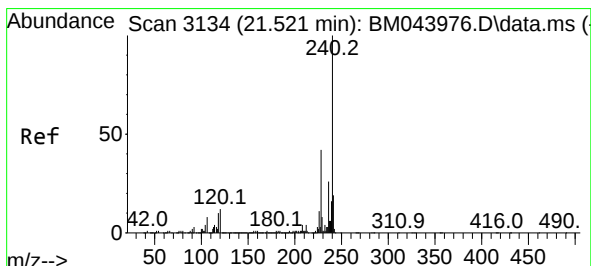
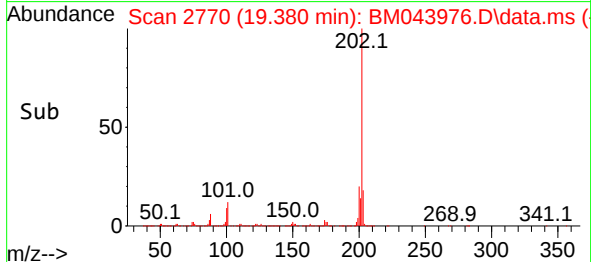
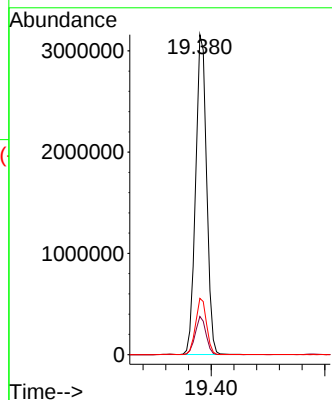
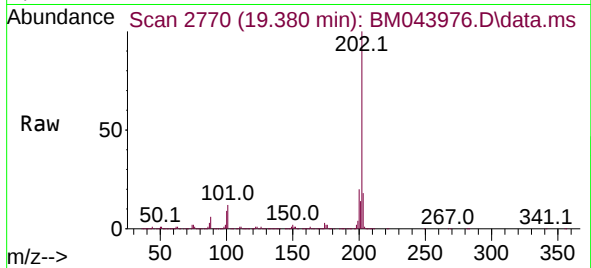




#75
Fluoranthene
Concen: 40.407 ng
RT: 19.380 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM043976.D
Acq: 05 Feb 2024 14:01

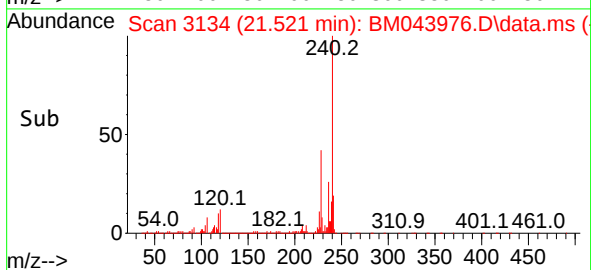
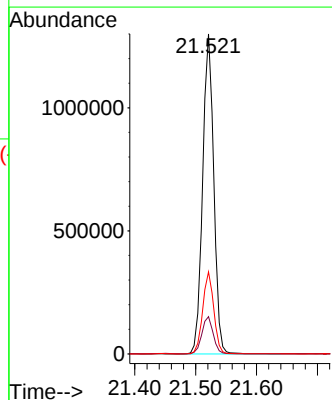
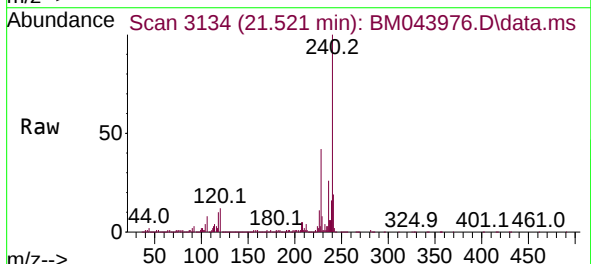
Instrument :
BNA_M
ClientSampleId :

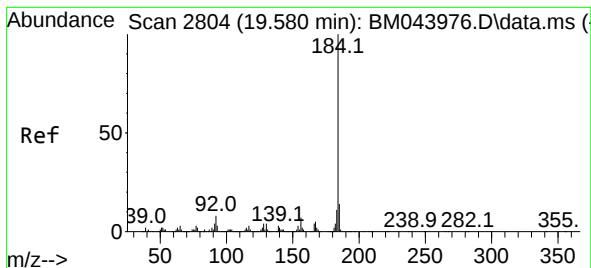
Tgt Ion:202 Resp: 4210322
Ion Ratio Lower Upper
202 100
101 11.9 0.0 31.9
203 17.6 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.521 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BM043976.D
Acq: 05 Feb 2024 14:01

Tgt Ion:240 Resp: 1643202
Ion Ratio Lower Upper
240 100
120 11.6 9.3 13.9
236 25.6 20.5 30.7





#77

Benzidine

Concen: 55.401 ng

RT: 19.580 min Scan# 2804

Delta R.T. -0.000 min

Lab File: BM043976.D

Acq: 05 Feb 2024 14:01

Instrument :

BNA_M

ClientSampleId :

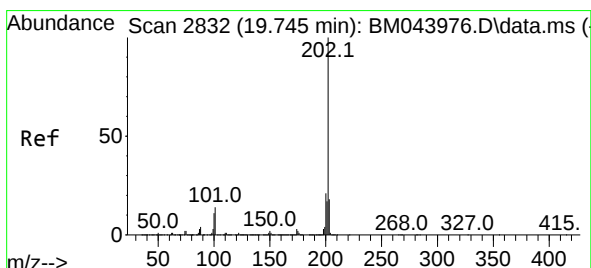
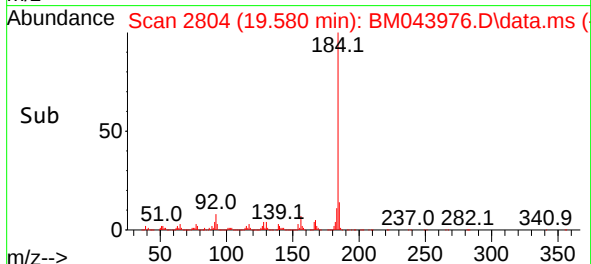
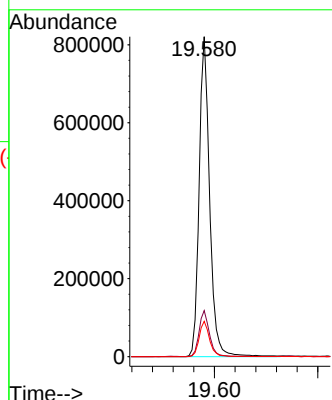
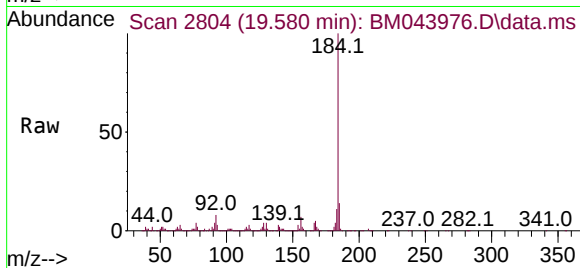
Tgt Ion:184 Resp: 1155031

Ion Ratio Lower Upper

184 100

185 14.4 11.5 17.3

183 11.1 8.9 13.3



#78

Pyrene

Concen: 39.842 ng

RT: 19.745 min Scan# 2832

Delta R.T. 0.000 min

Lab File: BM043976.D

Acq: 05 Feb 2024 14:01

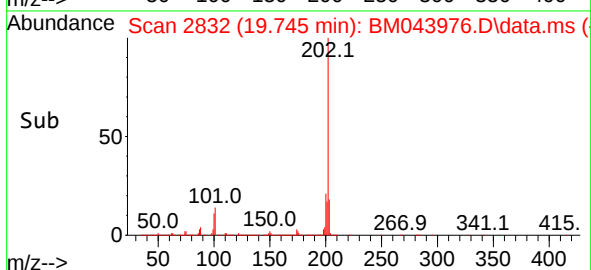
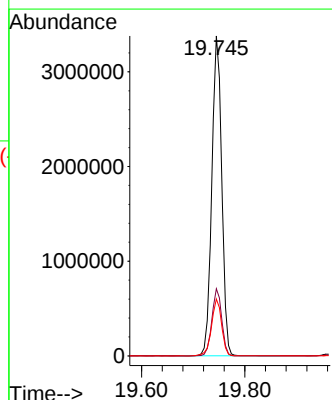
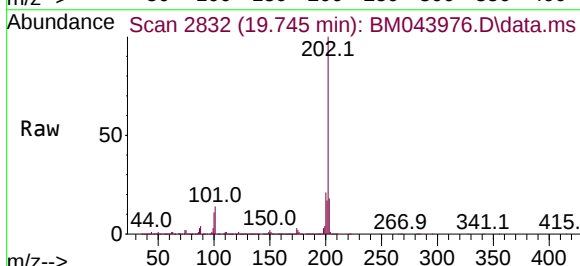
Tgt Ion:202 Resp: 4500227

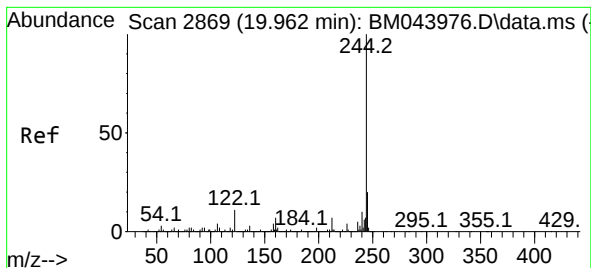
Ion Ratio Lower Upper

202 100

200 21.0 16.8 25.2

203 17.8 14.2 21.4





#79

Terphenyl-d14

Concen: 84.132 ng

RT: 19.962 min Scan# 2869

Delta R.T. 0.000 min

Lab File: BM043976.D

Acq: 05 Feb 2024 14:01

Instrument :

BNA_M

ClientSampleId :

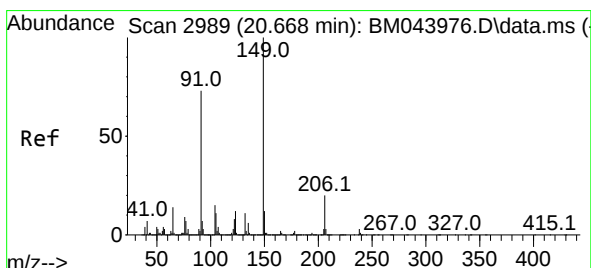
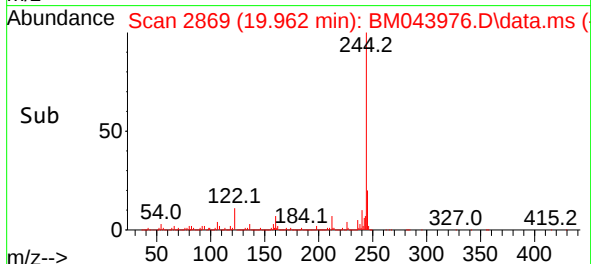
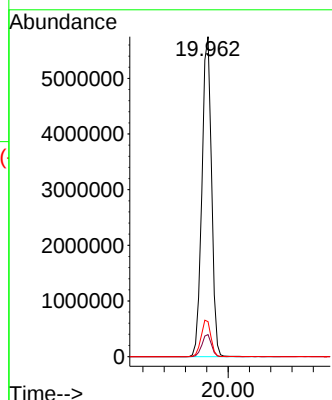
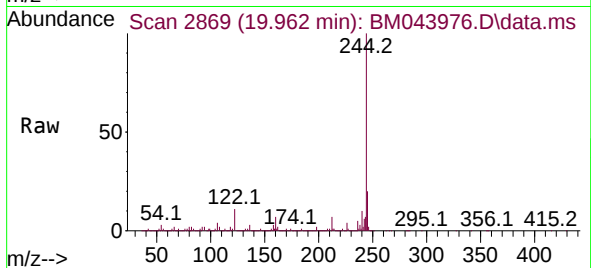
Tgt Ion:244 Resp: 7161461

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 10.9 8.7 13.1



#80

Butylbenzylphthalate

Concen: 41.543 ng

RT: 20.668 min Scan# 2989

Delta R.T. 0.000 min

Lab File: BM043976.D

Acq: 05 Feb 2024 14:01

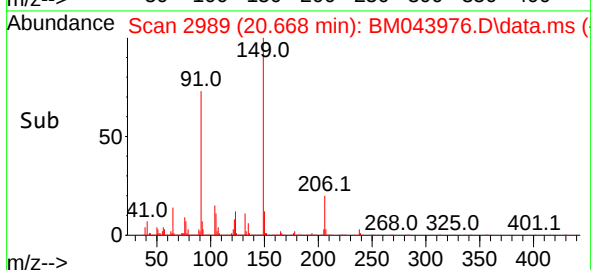
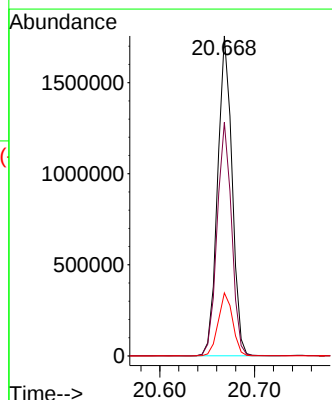
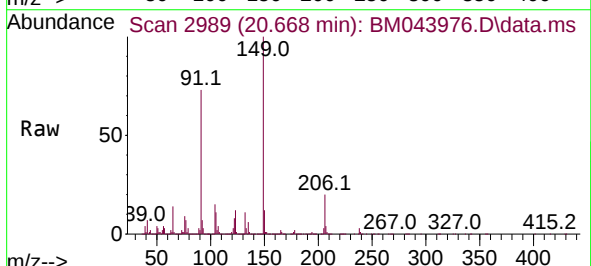
Tgt Ion:149 Resp: 1858092

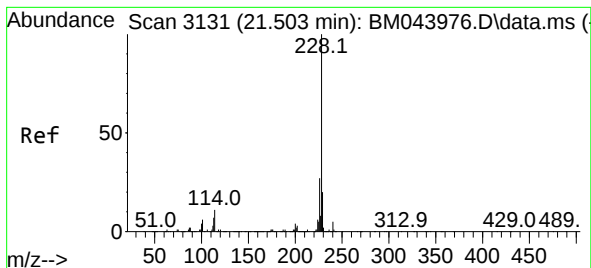
Ion Ratio Lower Upper

149 100

91 73.0 58.4 87.6

206 19.7 15.8 23.6





#81

Benzo(a)anthracene

Concen: 40.015 ng

RT: 21.503 min Scan# 3131

Delta R.T. 0.000 min

Lab File: BM043976.D

Acq: 05 Feb 2024 14:01

Instrument :

BNA_M

ClientSampleId :

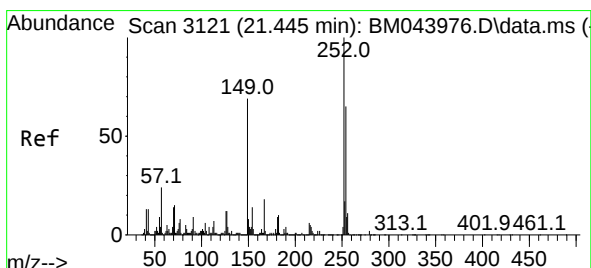
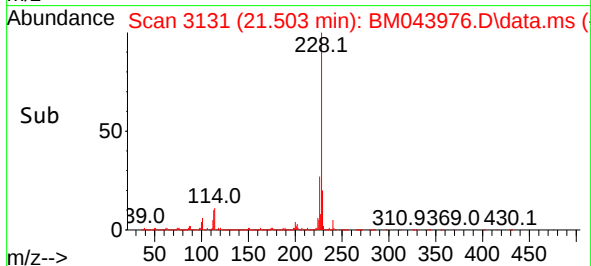
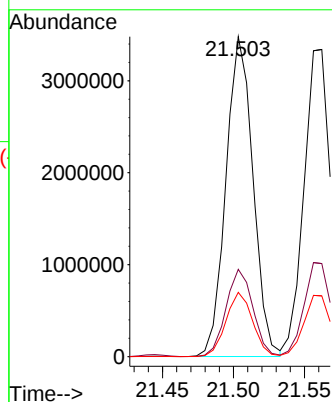
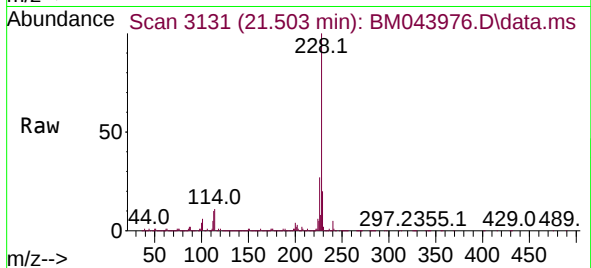
Tgt Ion:228 Resp: 4612916

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

229 20.1 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 42.107 ng

RT: 21.445 min Scan# 3121

Delta R.T. 0.000 min

Lab File: BM043976.D

Acq: 05 Feb 2024 14:01

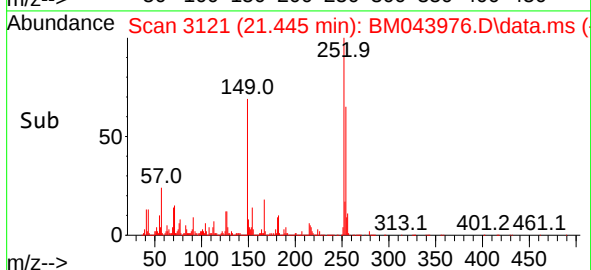
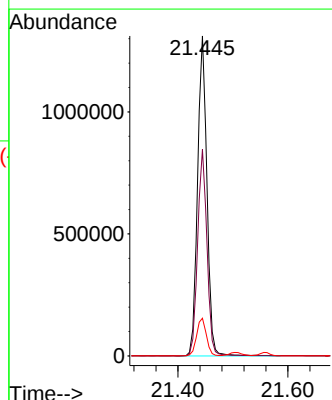
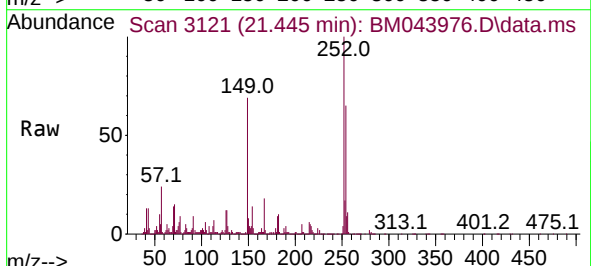
Tgt Ion:252 Resp: 1552116

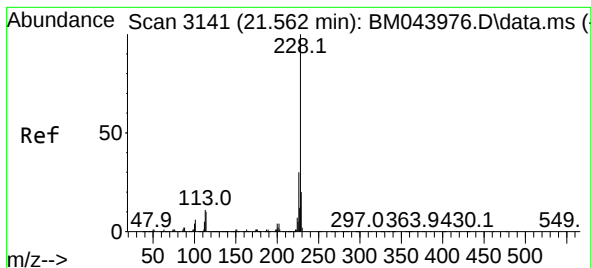
Ion Ratio Lower Upper

252 100

254 64.5 51.6 77.4

126 11.8 9.4 14.2





#83

Chrysene

Concen: 39.896 ng

RT: 21.562 min Scan# 3141

Delta R.T. 0.000 min

Lab File: BM043976.D

Acq: 05 Feb 2024 14:01

Instrument :

BNA_M

ClientSampleId :

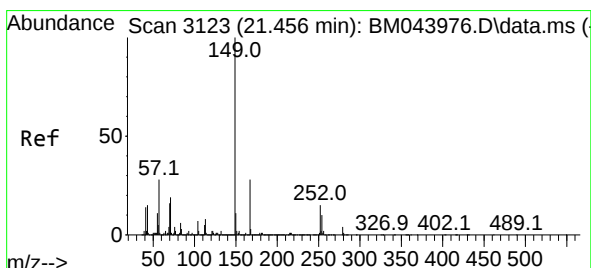
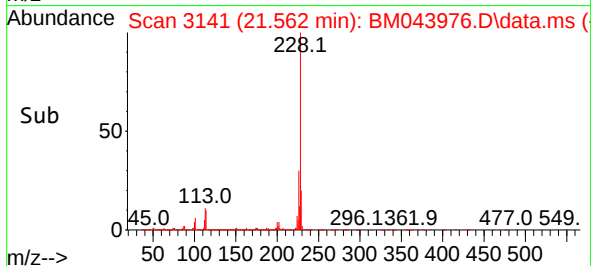
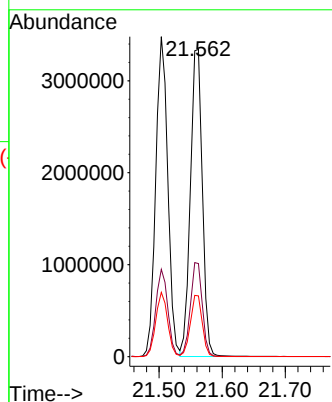
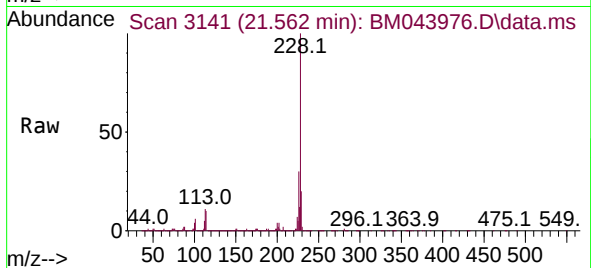
Tgt Ion:228 Resp: 4406287

Ion Ratio Lower Upper

228 100

226 30.3 24.2 36.4

229 19.8 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.830 ng

RT: 21.456 min Scan# 3123

Delta R.T. 0.000 min

Lab File: BM043976.D

Acq: 05 Feb 2024 14:01

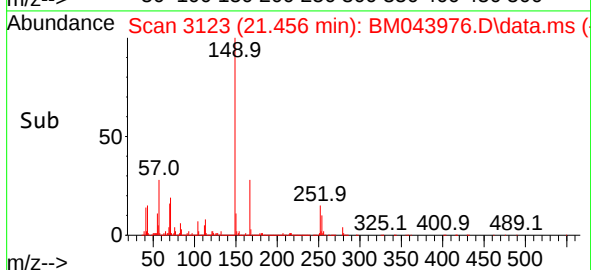
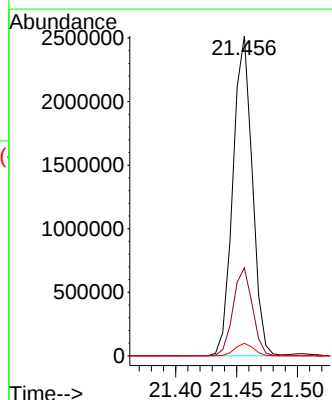
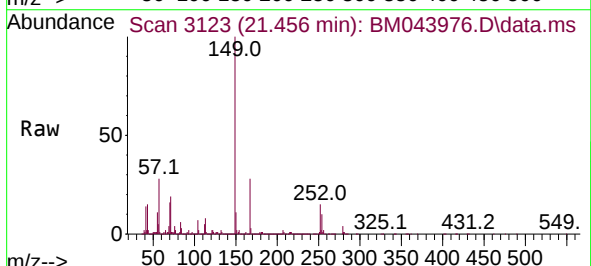
Tgt Ion:149 Resp: 2782283

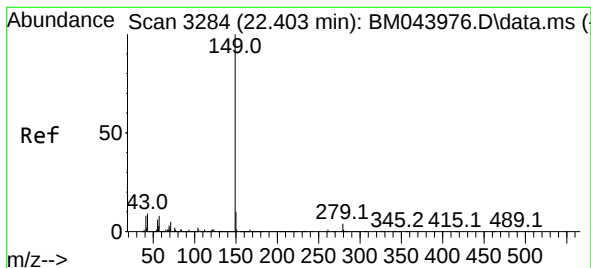
Ion Ratio Lower Upper

149 100

167 27.5 22.0 33.0

279 3.9 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 41.975 ng

RT: 22.403 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM043976.D

Acq: 05 Feb 2024 14:01

Instrument :

BNA_M

ClientSampleId :

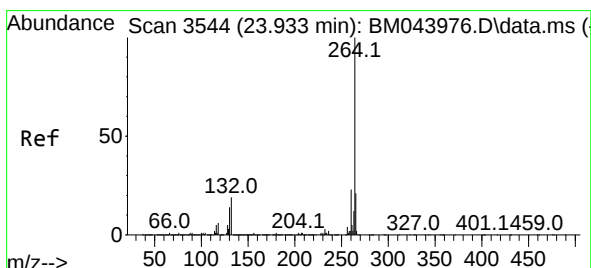
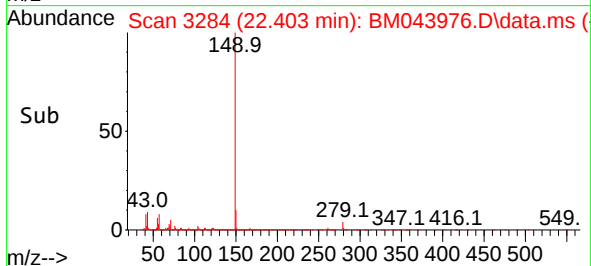
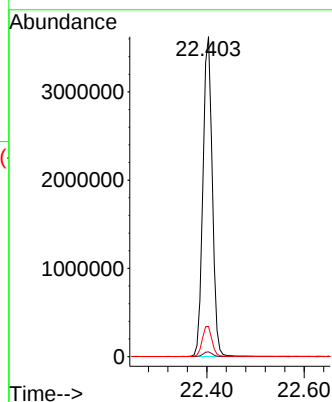
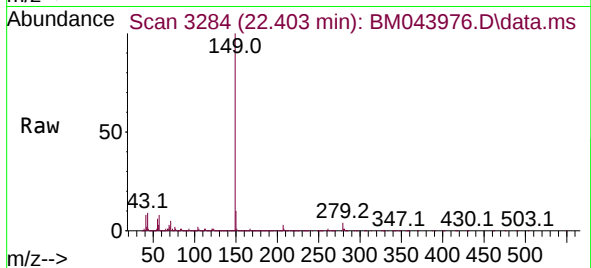
Tgt Ion:149 Resp: 4809632

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 9.9 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.933 min Scan# 3544

Delta R.T. 0.000 min

Lab File: BM043976.D

Acq: 05 Feb 2024 14:01

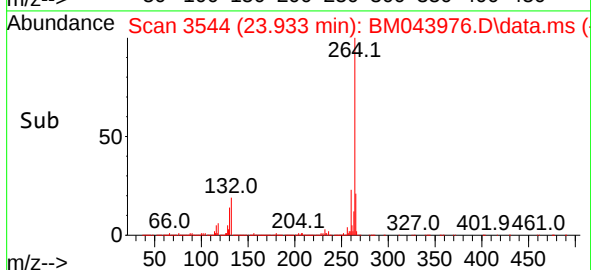
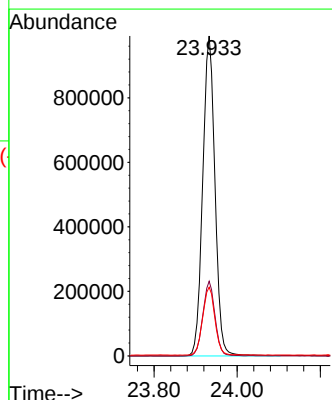
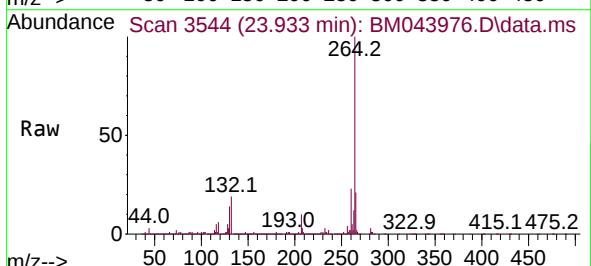
Tgt Ion:264 Resp: 2025061

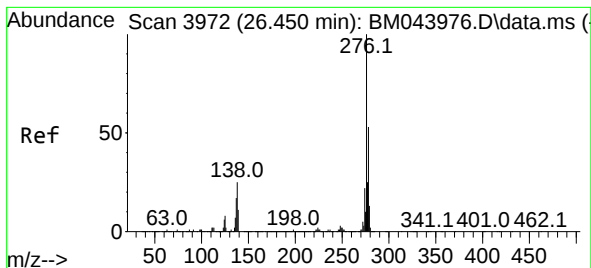
Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

265 21.5 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.151 ng

RT: 26.450 min Scan# 3972

Delta R.T. 0.000 min

Lab File: BM043976.D

Acq: 05 Feb 2024 14:01

Instrument :

BNA_M

ClientSampleId :

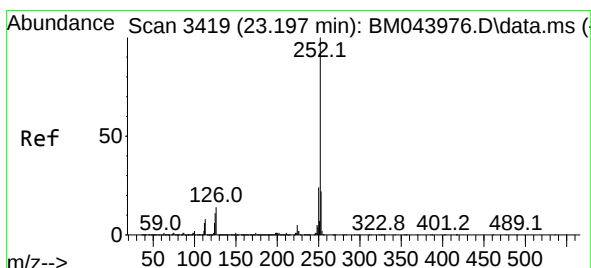
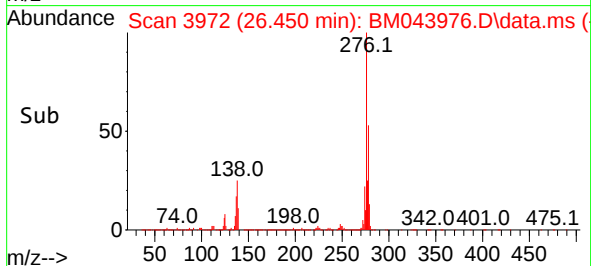
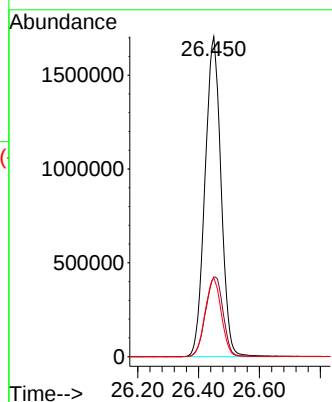
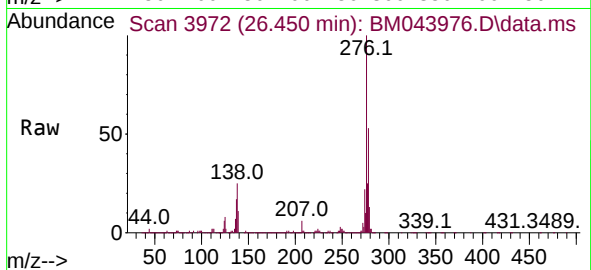
Tgt Ion:276 Resp: 6235530

Ion Ratio Lower Upper

276 100

138 27.2 21.8 32.6

277 24.9 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 40.240 ng

RT: 23.197 min Scan# 3419

Delta R.T. 0.000 min

Lab File: BM043976.D

Acq: 05 Feb 2024 14:01

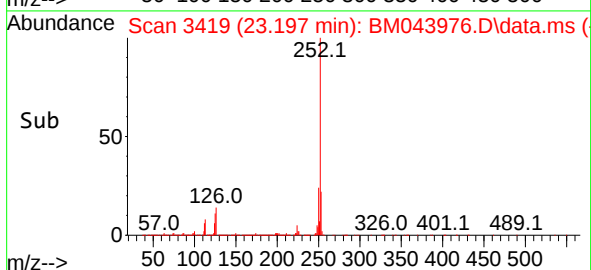
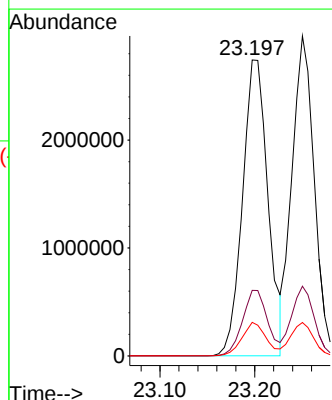
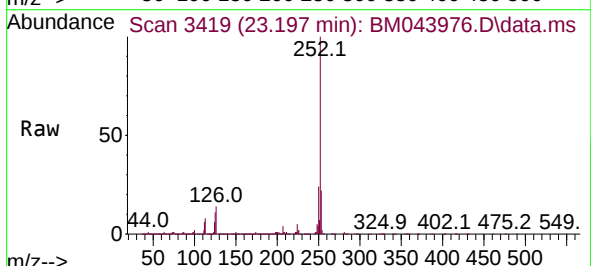
Tgt Ion:252 Resp: 5125781

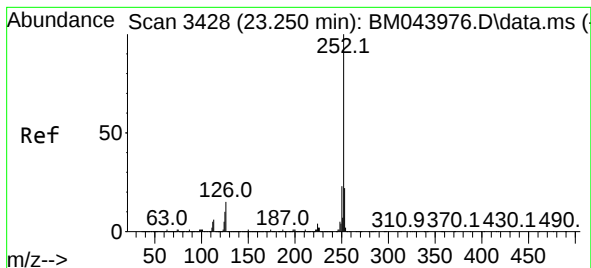
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 11.3 9.0 13.6





#89

Benzo(k)fluoranthene

Concen: 39.798 ng

RT: 23.250 min Scan# 34

Delta R.T. 0.000 min

Lab File: BM043976.D

Acq: 05 Feb 2024 14:01

Instrument :

BNA_M

ClientSampleId :

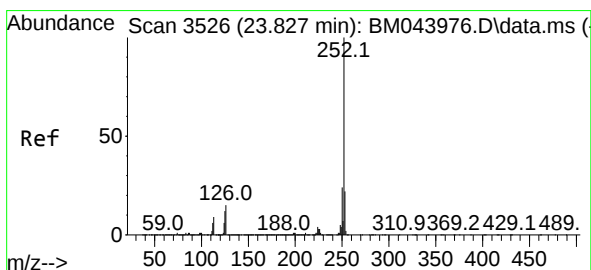
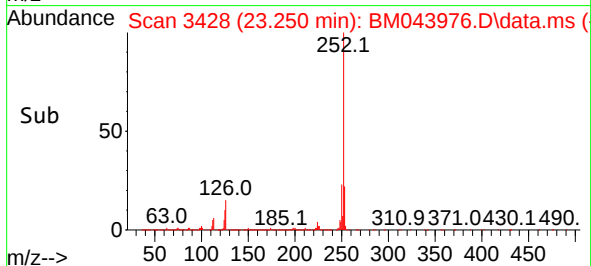
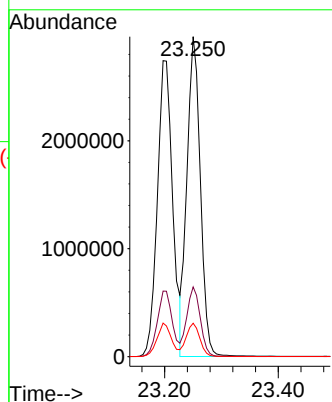
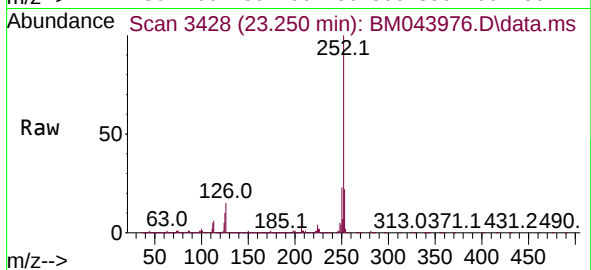
Tgt Ion:252 Resp: 4863782

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 10.4 8.3 12.5



#90

Benzo(a)pyrene

Concen: 40.517 ng

RT: 23.827 min Scan# 3526

Delta R.T. 0.000 min

Lab File: BM043976.D

Acq: 05 Feb 2024 14:01

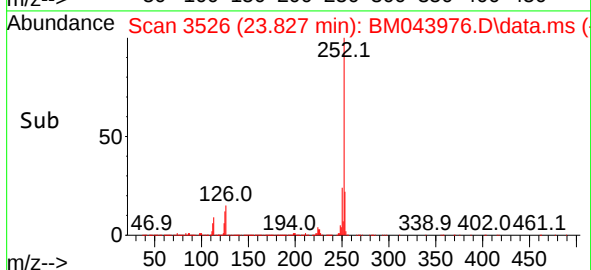
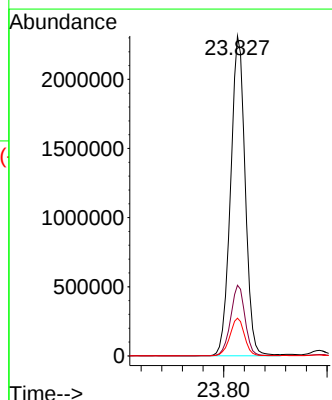
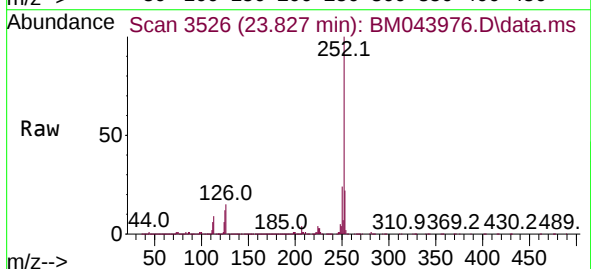
Tgt Ion:252 Resp: 4561980

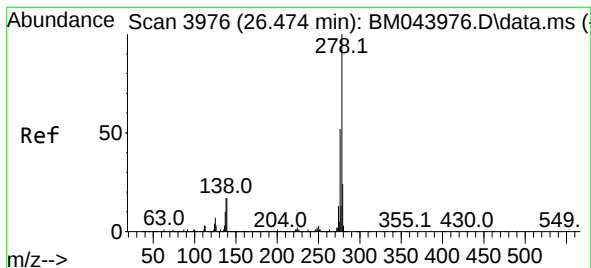
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 11.8 9.4 14.2

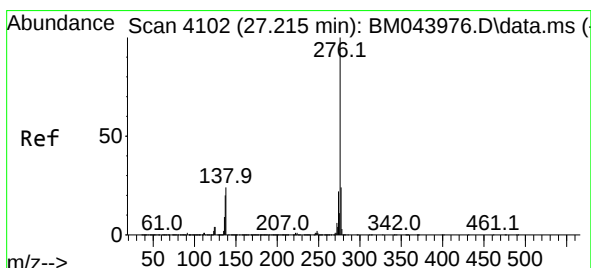
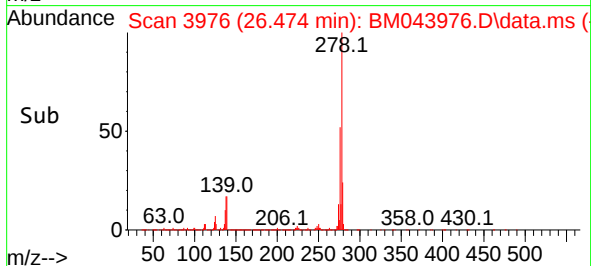
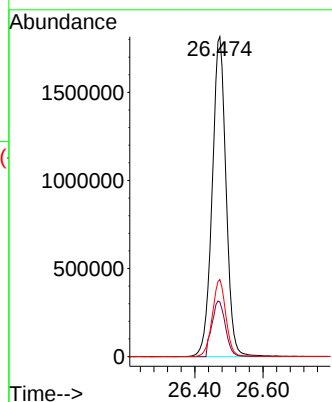
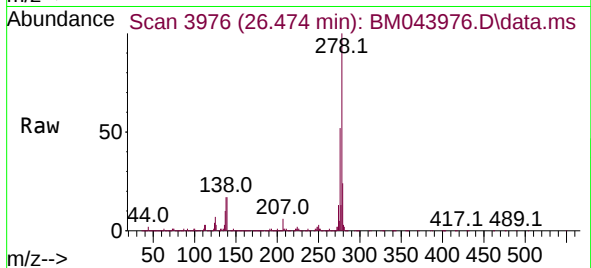




#91
Dibenzo(a,h)anthracene
Concen: 41.107 ng
RT: 26.474 min Scan# 3976
Delta R.T. 0.000 min
Lab File: BM043976.D
Acq: 05 Feb 2024 14:01

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 5137044
Ion Ratio Lower Upper
278 100
139 17.1 13.7 20.5
279 24.1 19.3 28.9



#92
Benzo(g,h,i)perylene
Concen: 41.014 ng
RT: 27.215 min Scan# 4102
Delta R.T. 0.000 min
Lab File: BM043976.D
Acq: 05 Feb 2024 14:01

Tgt Ion:276 Resp: 5227919
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.4
138 23.5 18.8 28.2

