

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032924\
 Data File : BM044811.D
 Acq On : 29 Mar 2024 11:17
 Operator : MA/JU
 Sample : PB159812BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 29 12:36:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 29 01:24:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	91100	20.000	ng	0.00
21) Naphthalene-d8	10.451	136	344166	20.000	ng	0.00
39) Acenaphthene-d10	14.315	164	163414	20.000	ng	0.00
64) Phenanthrene-d10	17.074	188	279310	20.000	ng	0.00
76) Chrysene-d12	21.274	240	212382	20.000	ng	0.00
86) Perylene-d12	23.503	264	258213	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	865379	136.047	ng	0.00
7) Phenol-d6	6.851	99	1042794	126.387	ng	0.00
23) Nitrobenzene-d5	8.833	82	655968	85.921	ng	0.00
42) 2,4,6-Tribromophenol	15.815	330	244293	136.804	ng	0.00
45) 2-Fluorobiphenyl	12.933	172	1156591	90.649	ng	0.00
79) Terphenyl-d14	19.715	244	1117866	89.200	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.269	88	95175	37.862	ng	99
3) Pyridine	3.651	79	219570	31.083	ng	99
4) n-Nitrosodimethylamine	3.575	42	160188	43.220	ng	99
6) Aniline	7.016	93	226473	23.568	ng	97
8) 2-Chlorophenol	7.239	128	294148	45.654	ng	97
10) Phenol	6.881	94	371875	45.650	ng	97
11) bis(2-Chloroethyl)ether	7.116	93	287341	44.808	ng	96
12) 1,3-Dichlorobenzene	7.557	146	306893	45.593	ng	98
13) 1,4-Dichlorobenzene	7.704	146	316426	46.264	ng	99
14) 1,2-Dichlorobenzene	8.016	146	297777	45.162	ng	97
15) Benzyl Alcohol	7.922	79	246897	43.697	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.204	45	430912	44.492	ng	99
17) 2-Methylphenol	8.116	107	234067	40.702	ng	98
18) Hexachloroethane	8.728	117	125516	47.070	ng	97
19) n-Nitroso-di-n-propyla...	8.481	70	210221	42.105	ng	97
20) 3+4-Methylphenols	8.439	107	307241	39.536	ng	98
22) Acetophenone	8.498	105	427313	45.779	ng	98
24) Nitrobenzene	8.875	77	327223	43.875	ng	99
25) Isophorone	9.398	82	556509	45.205	ng	99
26) 2-Nitrophenol	9.575	139	146775	44.648	ng	97
27) 2,4-Dimethylphenol	9.633	122	209192	38.759	ng	100
28) bis(2-Chloroethoxy)met...	9.880	93	339981	43.929	ng	98
29) 2,4-Dichlorophenol	10.104	162	232721	44.429	ng	99
30) 1,2,4-Trichlorobenzene	10.310	180	254219	46.120	ng	99
31) Naphthalene	10.498	128	825855	43.684	ng	99
32) Benzoic acid	9.775	122	178312	44.011	ng	98
33) 4-Chloroaniline	10.627	127	128332	16.470	ng	98
34) Hexachlorobutadiene	10.763	225	150245	45.908	ng	100
35) Caprolactam	11.422	113	66386	43.501	ng	97
36) 4-Chloro-3-methylphenol	11.751	107	227604	41.787	ng	98
37) 2-Methylnaphthalene	12.116	142	505659	40.761	ng	99
38) 1-Methylnaphthalene	12.339	142	486667	42.089	ng	100
40) 1,2,4,5-Tetrachloroben...	12.486	216	253585	49.616	ng	98
41) Hexachlorocyclopentadiene	12.451	237	307657	112.163	ng	98
43) 2,4,6-Trichlorophenol	12.739	196	156357	45.711	ng	100
44) 2,4,5-Trichlorophenol	12.810	196	166100	42.165	ng	# 96

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032924\
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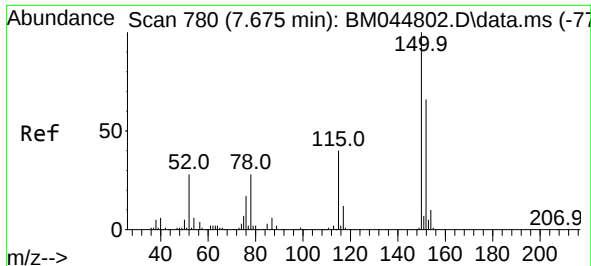
Quant Time: Mar 29 12:36:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 29 01:24:21 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.145	154	633350	47.891	ng	99
47) 2-Chloronaphthalene	13.186	162	474994	47.750	ng	98
48) 2-Nitroaniline	13.410	65	153912	44.669	ng	97
49) Acenaphthylene	14.039	152	754543	47.858	ng	100
50) Dimethylphthalate	13.792	163	516127	44.917	ng	98
51) 2,6-Dinitrotoluene	13.916	165	111126	44.625	ng	99
52) Acenaphthene	14.380	154	425312	45.599	ng	100
53) 3-Nitroaniline	14.245	138	79359	27.976	ng	96
54) 2,4-Dinitrophenol	14.457	184	136595	88.434	ng	97
55) Dibenzofuran	14.721	168	659252	45.049	ng	100
56) 4-Nitrophenol	14.557	139	212880	97.513	ng	100
57) 2,4-Dinitrotoluene	14.704	165	144535	46.260	ng	96
58) Fluorene	15.374	166	508021	45.175	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.951	232	129438	46.050	ng	99
60) Diethylphthalate	15.162	149	493241	45.721	ng	99
61) 4-Chlorophenyl-phenyle...	15.374	204	237493	44.506	ng	99
62) 4-Nitroaniline	15.410	138	112575	41.325	ng	98
63) Azobenzene	15.668	77	548281	45.606	ng	98
65) 4,6-Dinitro-2-methylph...	15.468	198	75578	43.480	ng	95
66) n-Nitrosodiphenylamine	15.592	169	410452	44.329	ng	98
67) 4-Bromophenyl-phenylether	16.268	248	136324	44.585	ng	98
68) Hexachlorobenzene	16.368	284	160343	48.447	ng	99
69) Atrazine	16.557	200	119465	47.208	ng	97
70) Pentachlorophenol	16.721	266	203685	92.982	ng	98
71) Phenanthrene	17.115	178	702474	45.081	ng	99
72) Anthracene	17.209	178	700813	44.526	ng	99
73) Carbazole	17.486	167	643972	45.820	ng	99
74) Di-n-butylphthalate	18.056	149	723358	46.865	ng	99
75) Fluoranthene	19.139	202	710725	45.693	ng	99
77) Benzidine	19.345	184	147591	32.230	ng	100
78) Pyrene	19.503	202	746745	44.124	ng	100
80) Butylbenzylphthalate	20.421	149	280276	45.536	ng	97
81) Benzo(a)anthracene	21.256	228	674144	45.537	ng	99
82) 3,3'-Dichlorobenzidine	21.197	252	204057	39.750	ng	96
83) Chrysene	21.309	228	630504	44.437	ng	99
84) Bis(2-ethylhexyl)phtha...	21.203	149	395028	47.085	ng #	99
85) Di-n-octyl phthalate	22.086	149	651715	45.905	ng	99
87) Indeno(1,2,3-cd)pyrene	25.762	276	1004269	51.201	ng	100
88) Benzo(b)fluoranthene	22.838	252	718310	49.092	ng	99
89) Benzo(k)fluoranthene	22.880	252	687537	46.794	ng	99
90) Benzo(a)pyrene	23.409	252	661335	44.537	ng	100
91) Dibenzo(a,h)anthracene	25.779	278	839450	51.676	ng	99
92) Benzo(g,h,i)perylene	26.450	276	851994	50.409	ng	100

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

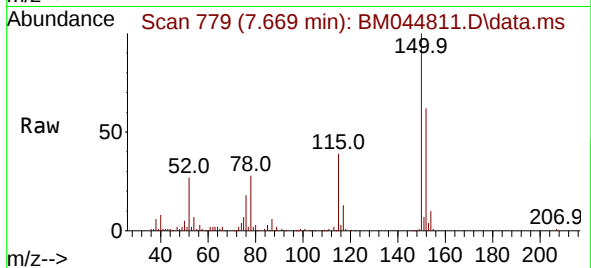
Quant Time: Mar 29 12:36:10 2024
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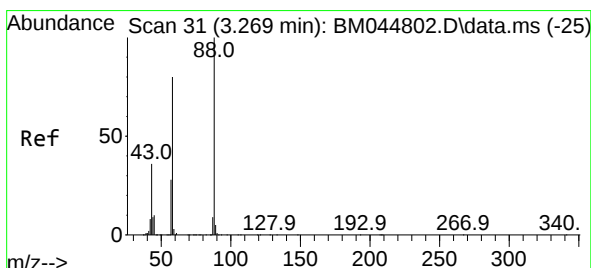
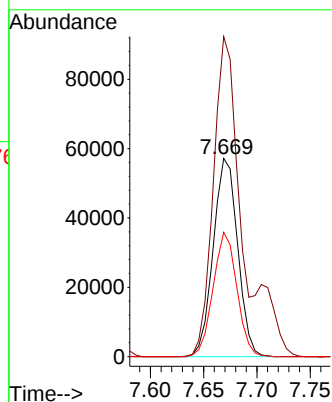
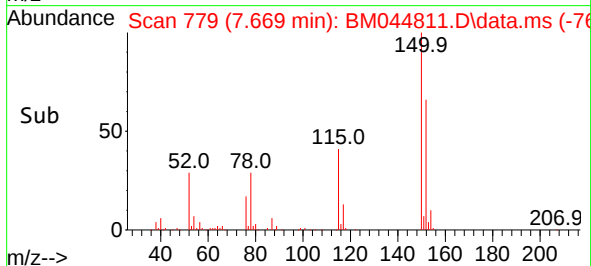


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM044811.D
Acq: 29 Mar 2024 11:17

Instrument :
BNA_M
ClientSampleId :

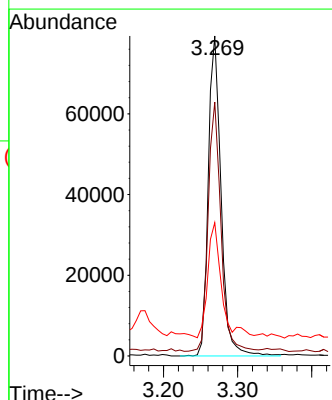
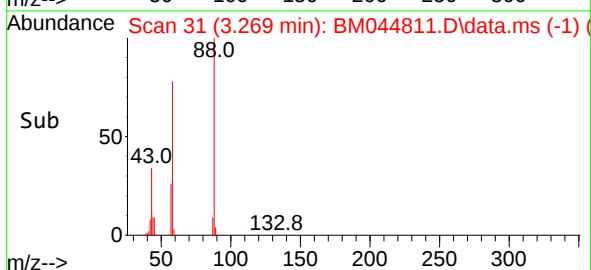
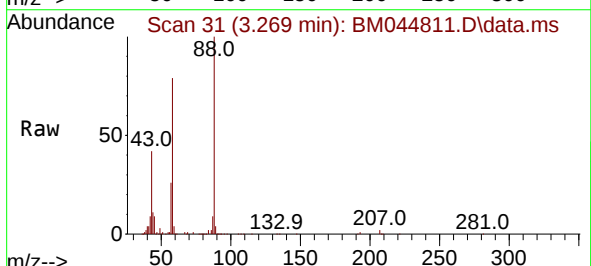


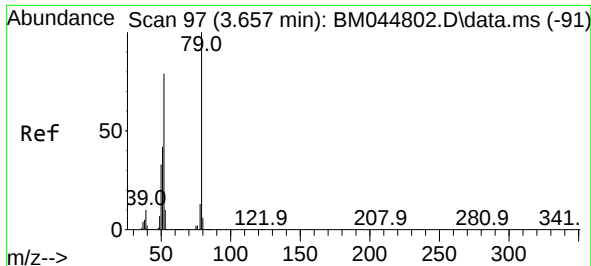
Tgt Ion:152 Resp: 91100
Ion Ratio Lower Upper
152 100
150 161.5 121.0 181.6
115 62.7 48.3 72.5



#2
1,4-Dioxane
Concen: 37.862 ng
RT: 3.269 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM044811.D
Acq: 29 Mar 2024 11:17

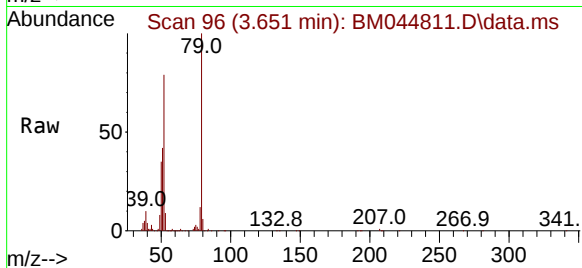
Tgt Ion: 88 Resp: 95175
Ion Ratio Lower Upper
88 100
58 77.4 63.4 95.0
43 35.8 28.6 43.0



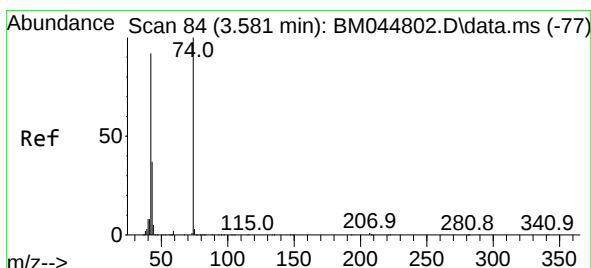
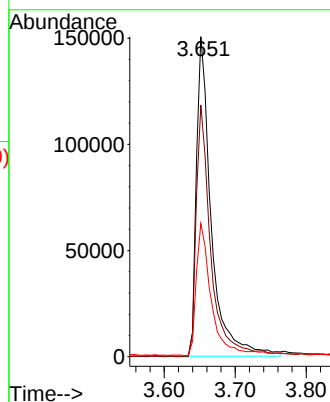
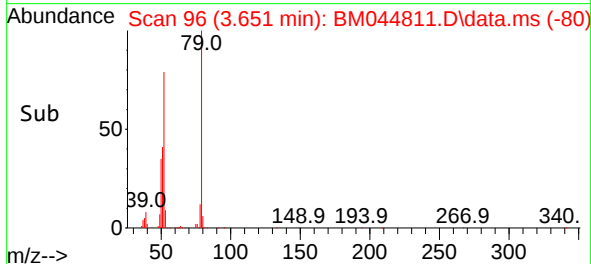


#3
 Pyridine
 Concen: 31.083 ng
 RT: 3.651 min Scan# 90
 Delta R.T. -0.006 min
 Lab File: BM044811.D
 Acq: 29 Mar 2024 11:17

Instrument :
 BNA_M
 ClientSampleId :

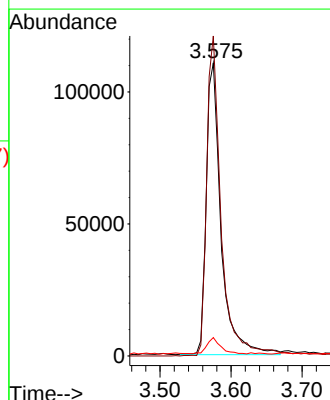
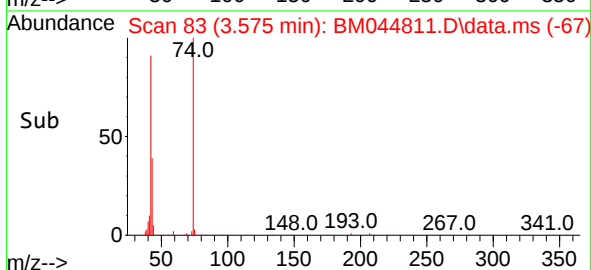
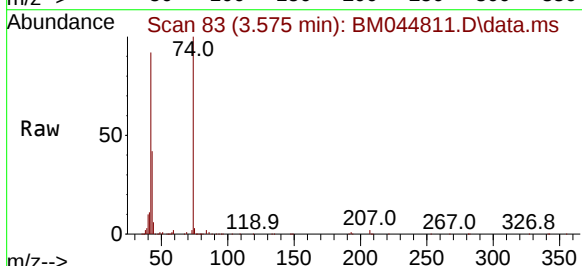


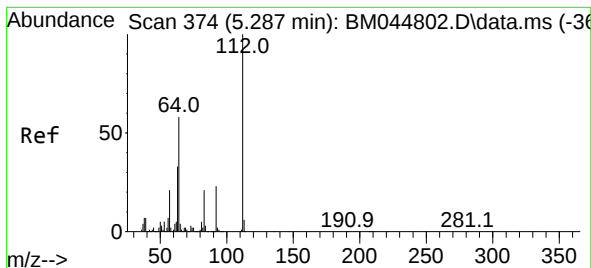
Tgt Ion: 79 Resp: 219570
 Ion Ratio Lower Upper
 79 100
 52 78.6 62.9 94.3
 51 41.6 34.2 51.2



#4
 n-Nitrosodimethylamine
 Concen: 43.220 ng
 RT: 3.575 min Scan# 83
 Delta R.T. -0.006 min
 Lab File: BM044811.D
 Acq: 29 Mar 2024 11:17

Tgt Ion: 42 Resp: 160188
 Ion Ratio Lower Upper
 42 100
 74 109.2 86.2 129.2
 44 6.3 5.0 7.4





#5

2-Fluorophenol

Concen: 136.047 ng

RT: 5.281 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM044811.D

Acq: 29 Mar 2024 11:17

Instrument :

BNA_M

ClientSampleId :

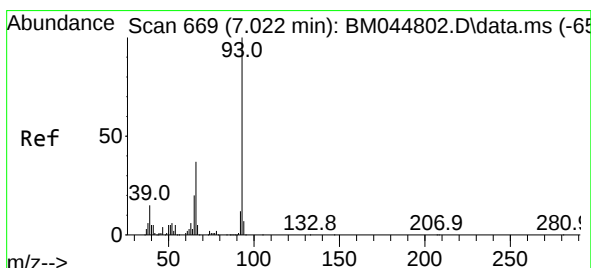
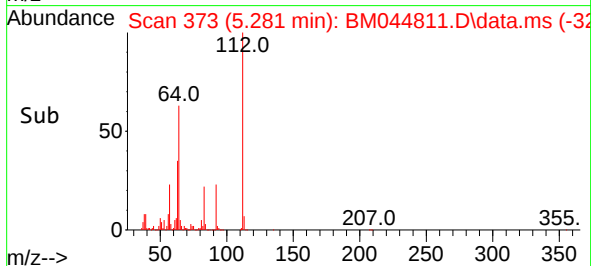
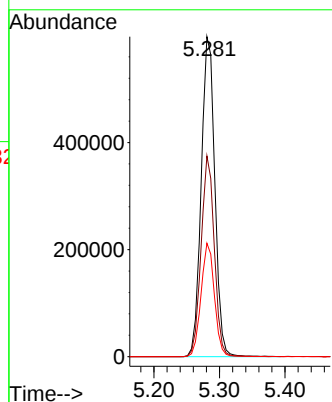
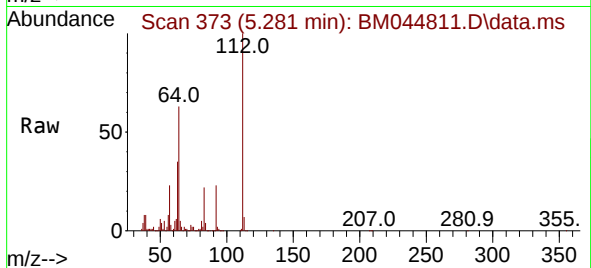
Tgt Ion:112 Resp: 865379

Ion Ratio Lower Upper

112 100

64 62.8 46.4 69.6

63 35.4 26.2 39.4



#6

Aniline

Concen: 23.568 ng

RT: 7.016 min Scan# 668

Delta R.T. -0.006 min

Lab File: BM044811.D

Acq: 29 Mar 2024 11:17

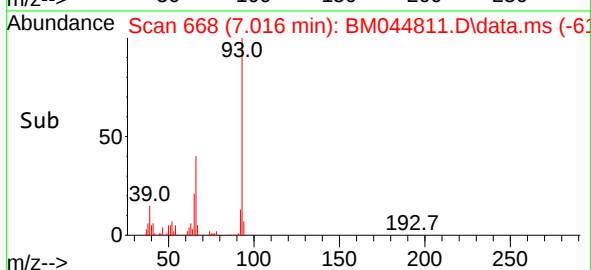
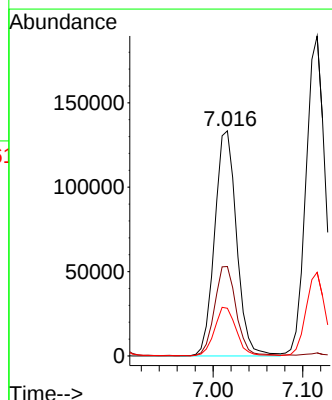
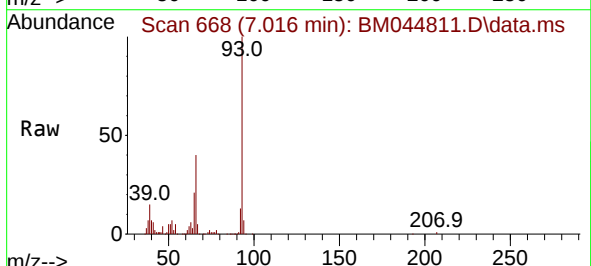
Tgt Ion: 93 Resp: 226473

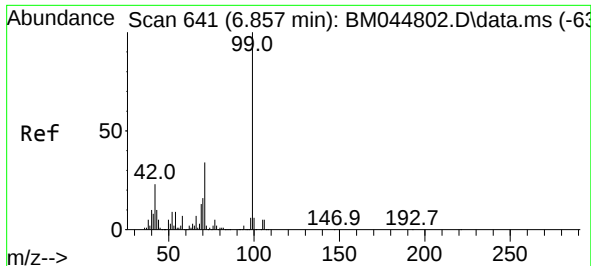
Ion Ratio Lower Upper

93 100

66 39.7 30.1 45.1

65 21.2 16.5 24.7

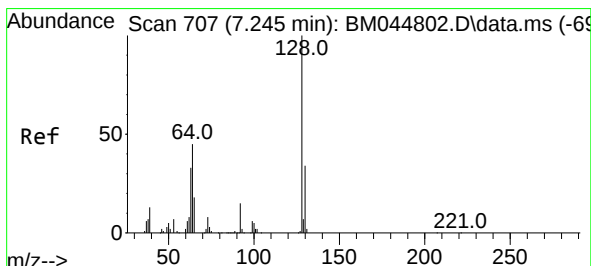
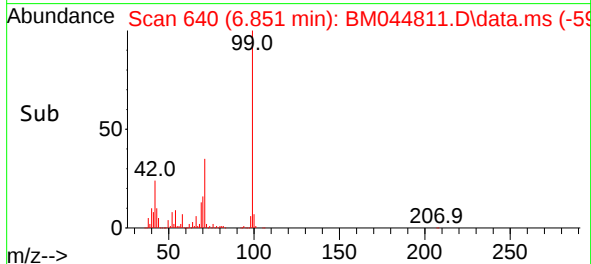
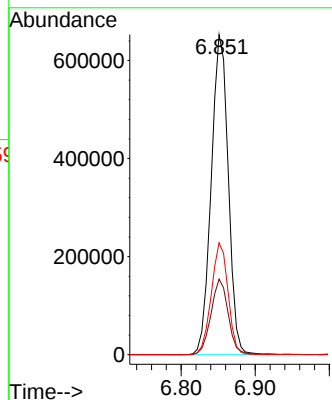
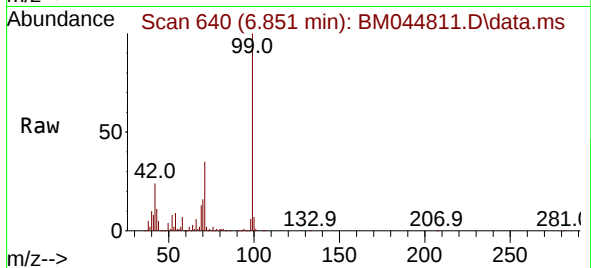




#7
Phenol-d6
Concen: 126.387 ng
RT: 6.851 min Scan# 641
Delta R.T. -0.006 min
Lab File: BM044811.D
Acq: 29 Mar 2024 11:17

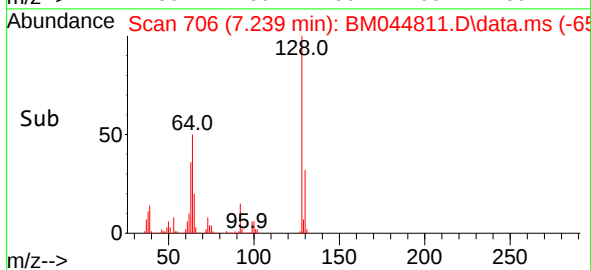
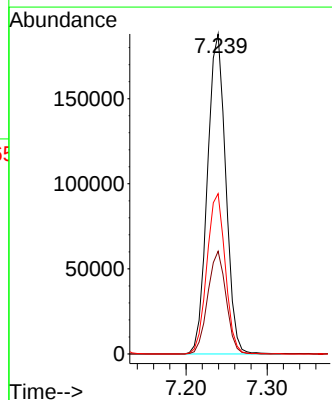
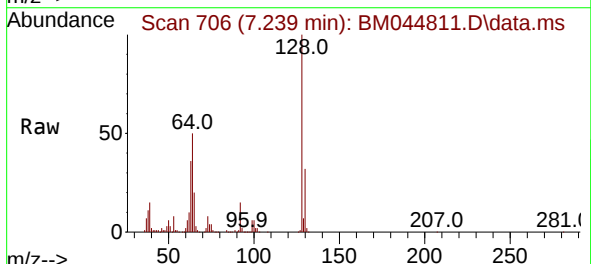
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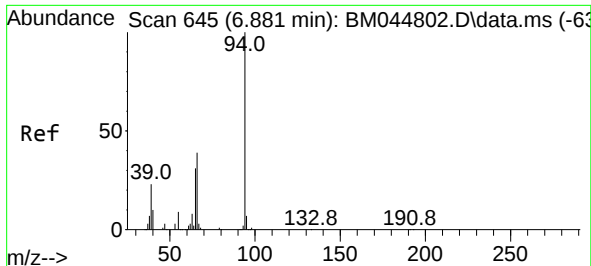
Tgt Ion: 99 Resp: 1042794
Ion Ratio Lower Upper
99 100
42 23.6 18.2 27.4
71 35.0 27.3 40.9



#8
2-Chlorophenol
Concen: 45.654 ng
RT: 7.239 min Scan# 706
Delta R.T. -0.006 min
Lab File: BM044811.D
Acq: 29 Mar 2024 11:17

Tgt Ion: 128 Resp: 294148
Ion Ratio Lower Upper
128 100
130 32.1 13.9 53.9
64 50.1 28.0 68.0

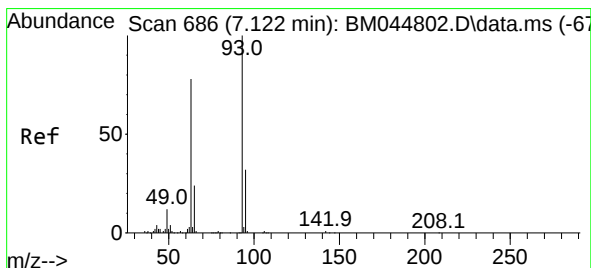
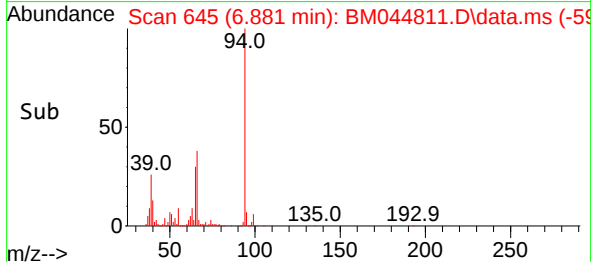
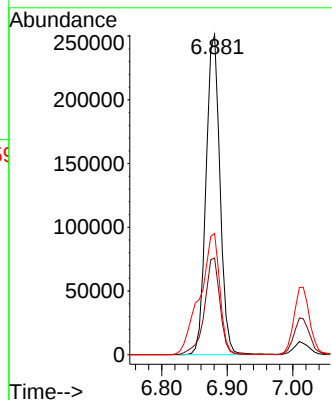
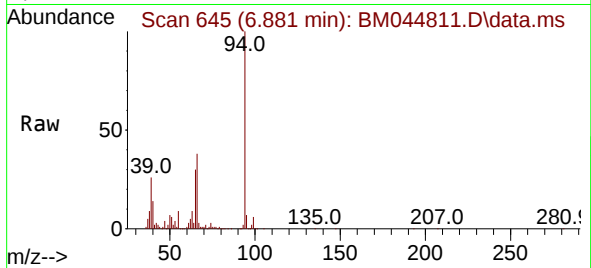




#10
Phenol
Concen: 45.650 ng
RT: 6.881 min Scan# 645
Delta R.T. 0.000 min
Lab File: BM044811.D
Acq: 29 Mar 2024 11:17

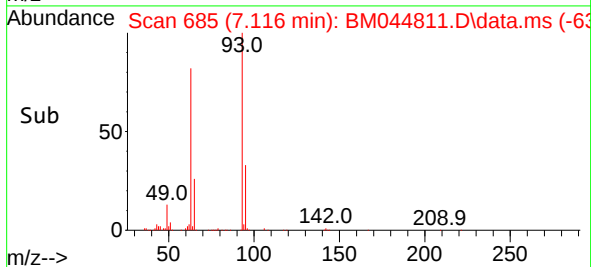
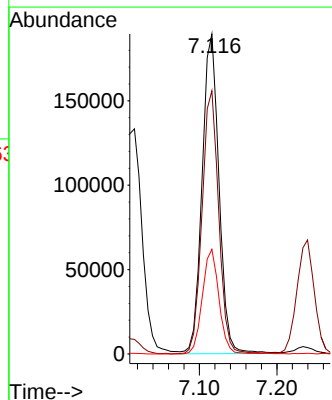
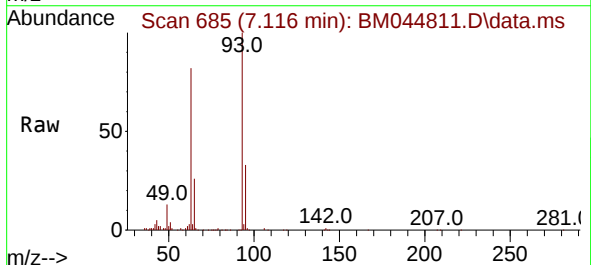
Instrument :
BNA_M
ClientSampleId :

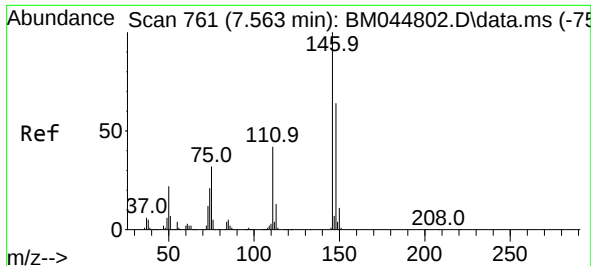
Tgt Ion: 94 Resp: 371875
Ion Ratio Lower Upper
94 100
65 30.2 11.3 51.3
66 37.9 20.2 60.2



#11
bis(2-Chloroethyl)ether
Concen: 44.808 ng
RT: 7.116 min Scan# 685
Delta R.T. -0.006 min
Lab File: BM044811.D
Acq: 29 Mar 2024 11:17

Tgt Ion: 93 Resp: 287341
Ion Ratio Lower Upper
93 100
63 82.2 57.8 97.8
95 32.7 11.6 51.6





#12

1,3-Dichlorobenzene

Concen: 45.593 ng

RT: 7.557 min Scan# 761

Delta R.T. -0.006 min

Lab File: BM044811.D

Acq: 29 Mar 2024 11:17

Instrument :

BNA_M

ClientSampleId :

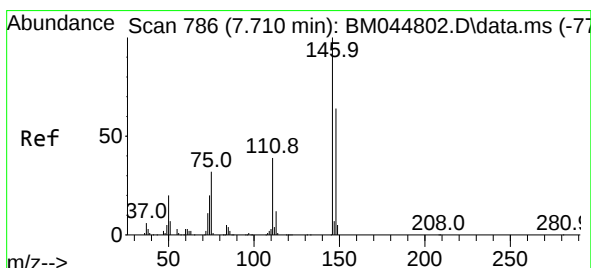
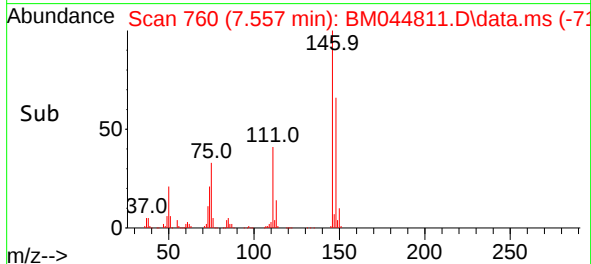
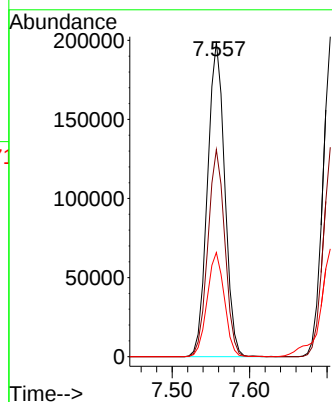
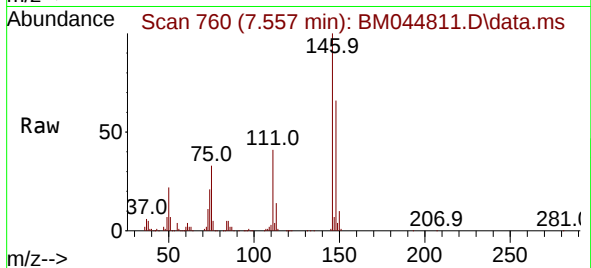
Tgt Ion:146 Resp: 306893

Ion Ratio Lower Upper

146 100

148 65.8 51.4 77.2

75 33.1 26.0 39.0



#13

1,4-Dichlorobenzene

Concen: 46.264 ng

RT: 7.704 min Scan# 785

Delta R.T. -0.006 min

Lab File: BM044811.D

Acq: 29 Mar 2024 11:17

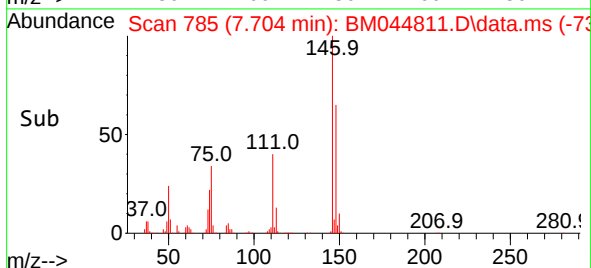
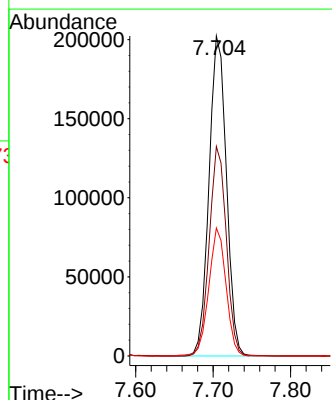
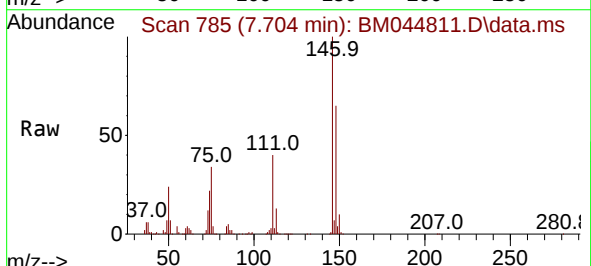
Tgt Ion:146 Resp: 316426

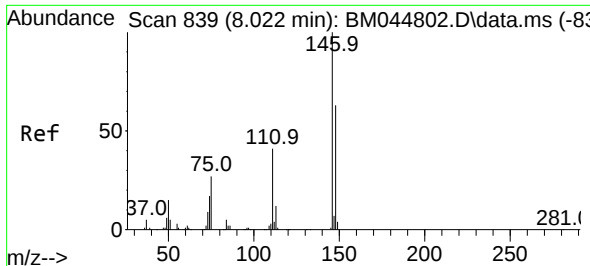
Ion Ratio Lower Upper

146 100

148 65.5 51.4 77.2

111 40.0 31.4 47.2

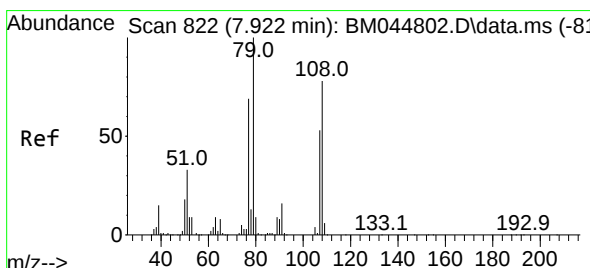
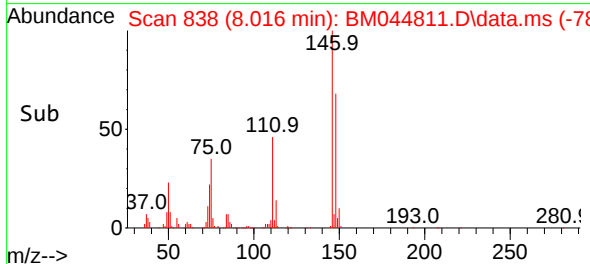
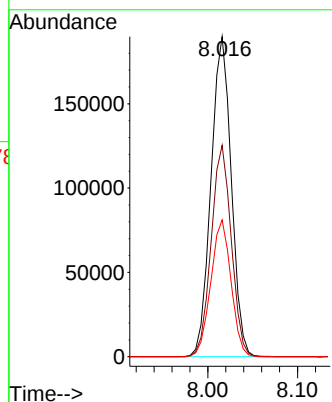
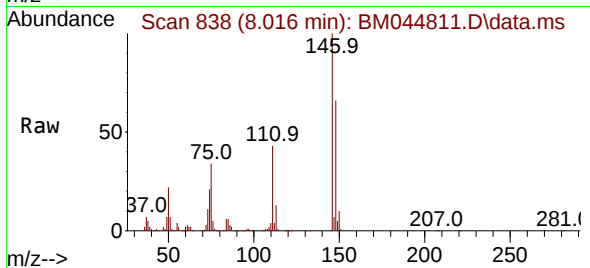




#14
1,2-Dichlorobenzene
Concen: 45.162 ng
RT: 8.016 min Scan# 811
Delta R.T. -0.006 min
Lab File: BM044811.D
Acq: 29 Mar 2024 11:17

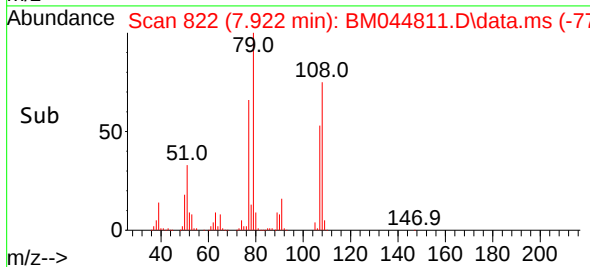
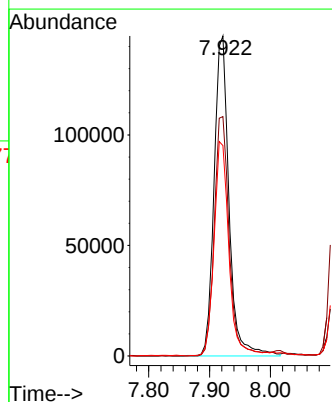
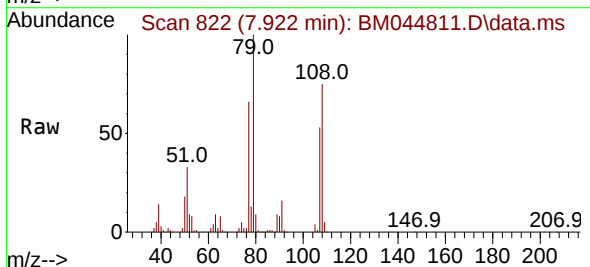
Instrument :
BNA_M
ClientSampleId :

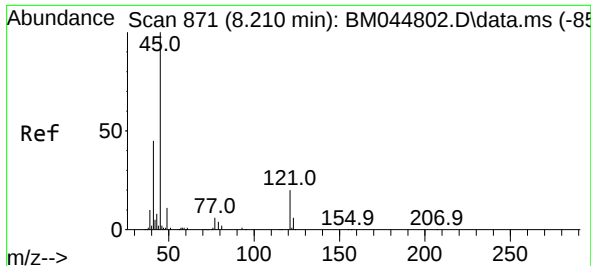
Tgt Ion:146 Resp: 297777
Ion Ratio Lower Upper
146 100
148 66.1 50.2 75.2
111 42.8 33.7 50.5



#15
Benzyl Alcohol
Concen: 43.697 ng
RT: 7.922 min Scan# 822
Delta R.T. 0.000 min
Lab File: BM044811.D
Acq: 29 Mar 2024 11:17

Tgt Ion: 79 Resp: 246897
Ion Ratio Lower Upper
79 100
108 74.8 62.2 93.2
77 65.7 55.1 82.7

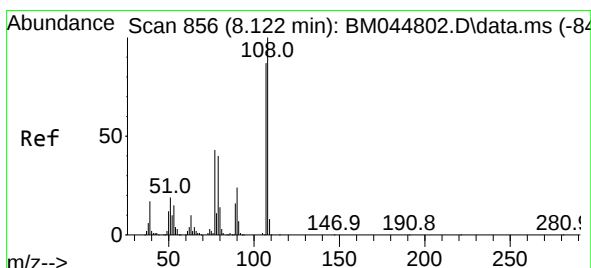
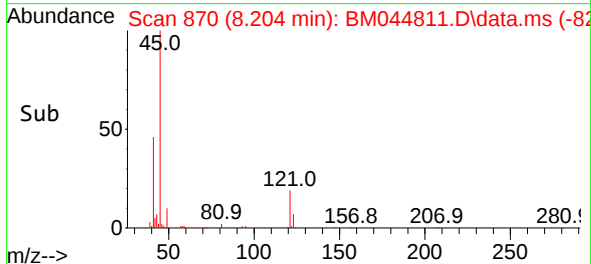
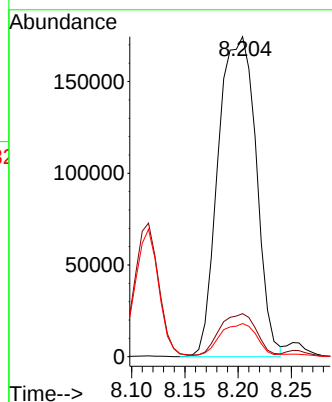
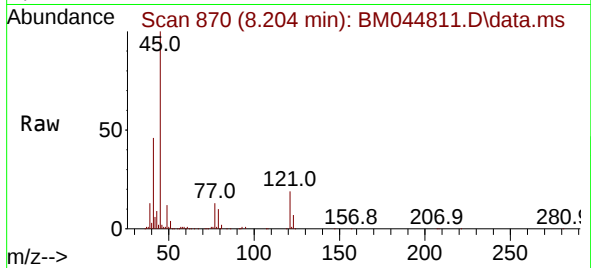




#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.492 ng
RT: 8.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM044811.D
Acq: 29 Mar 2024 11:17

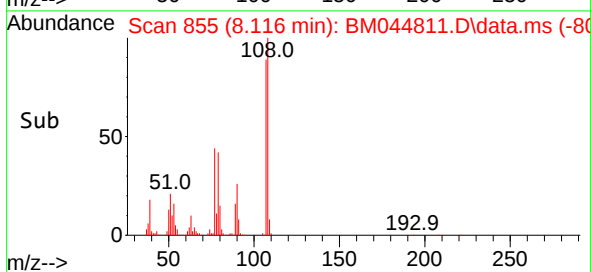
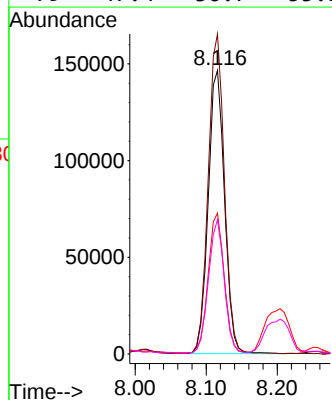
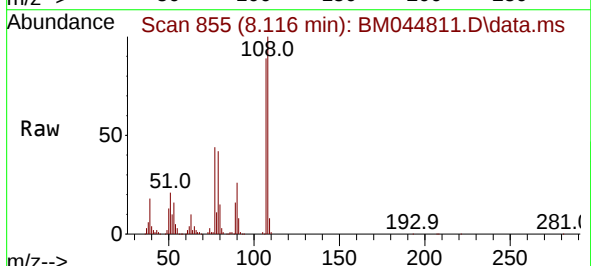
Instrument :
BNA_M
ClientSampleId :

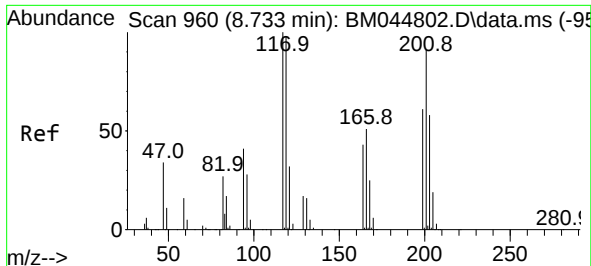
Tgt Ion: 45 Resp: 430912
Ion Ratio Lower Upper
45 100
77 13.4 0.0 33.0
79 10.3 0.0 30.4



#17
2-Methylphenol
Concen: 40.702 ng
RT: 8.116 min Scan# 855
Delta R.T. -0.006 min
Lab File: BM044811.D
Acq: 29 Mar 2024 11:17

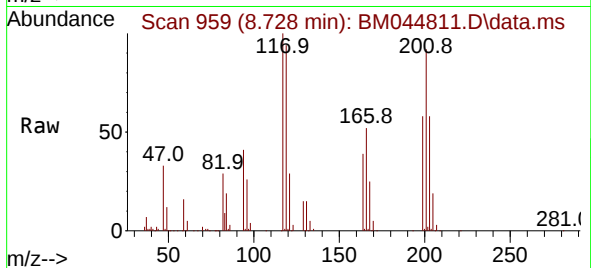
Tgt Ion: 107 Resp: 234067
Ion Ratio Lower Upper
107 100
108 112.8 91.5 137.3
77 49.6 39.1 58.7
79 47.4 36.7 55.1



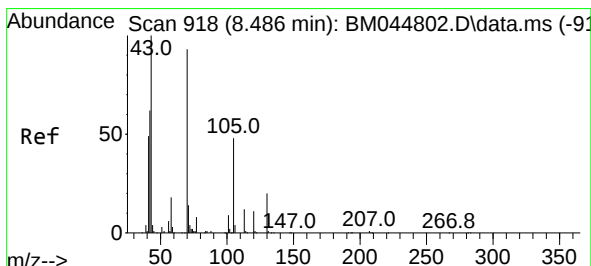
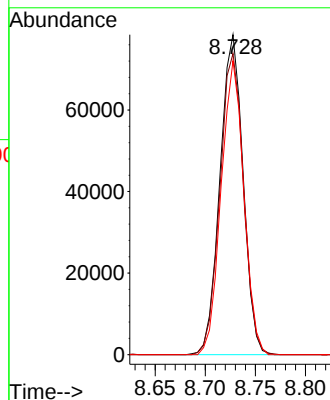
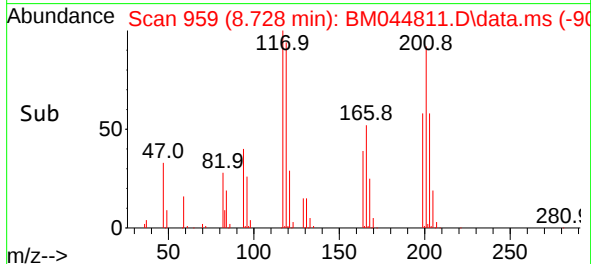


#18
Hexachloroethane
Concen: 47.070 ng
RT: 8.728 min Scan# 918
Delta R.T. -0.006 min
Lab File: BM044811.D
Acq: 29 Mar 2024 11:17

Instrument :
BNA_M
ClientSampleId :

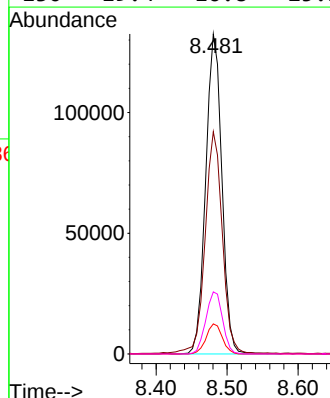
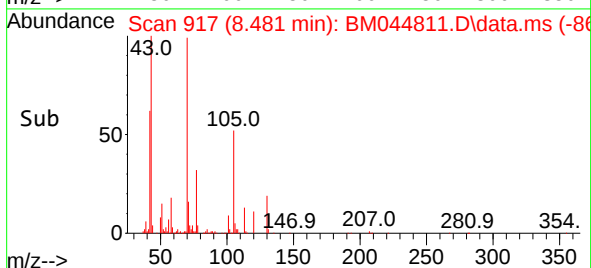
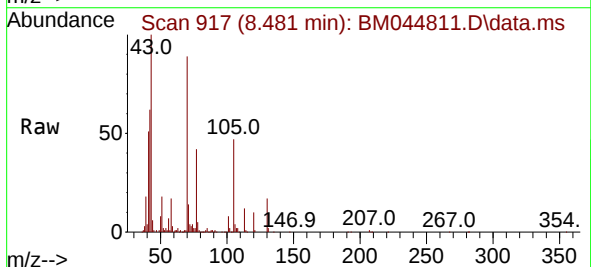


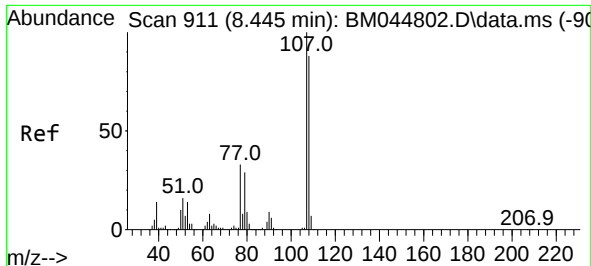
Tgt Ion:117 Resp: 125516
Ion Ratio Lower Upper
117 100
119 94.1 78.6 118.0
201 91.8 72.7 109.1



#19
n-Nitroso-di-n-propylamine
Concen: 42.105 ng
RT: 8.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BM044811.D
Acq: 29 Mar 2024 11:17

Tgt Ion: 70 Resp: 210221
Ion Ratio Lower Upper
70 100
42 69.5 53.6 80.4
101 9.4 7.5 11.3
130 19.4 16.8 25.2



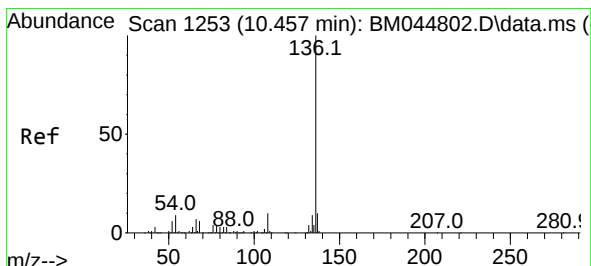
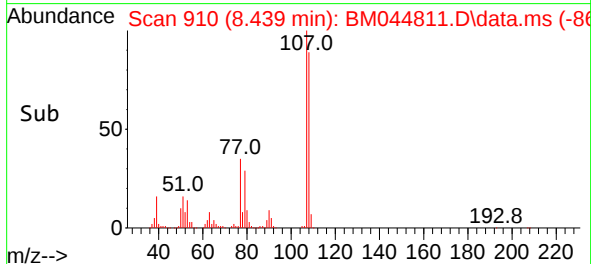
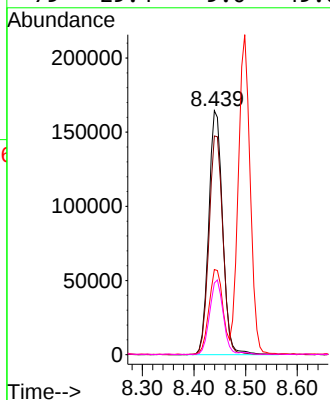
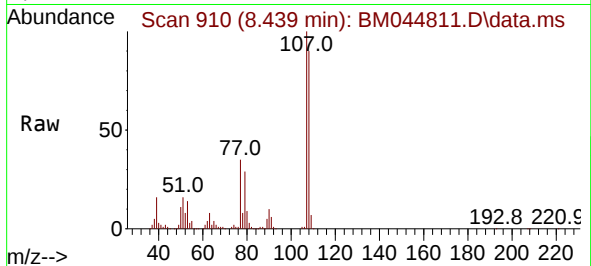


#20
3+4-Methylphenols
Concen: 39.536 ng
RT: 8.439 min Scan# 911
Delta R.T. -0.006 min
Lab File: BM044811.D
Acq: 29 Mar 2024 11:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:107 Resp: 307241

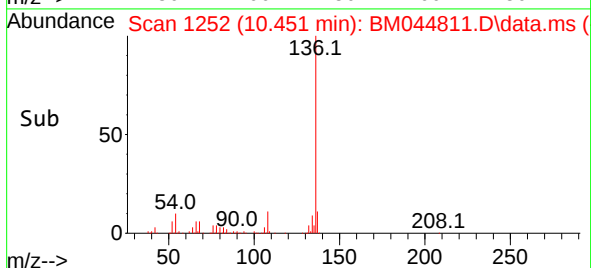
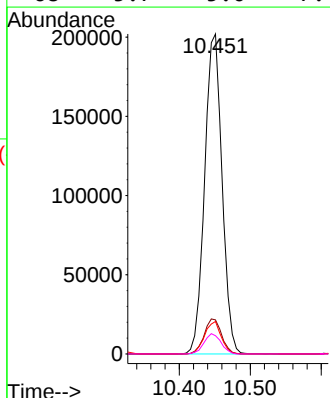
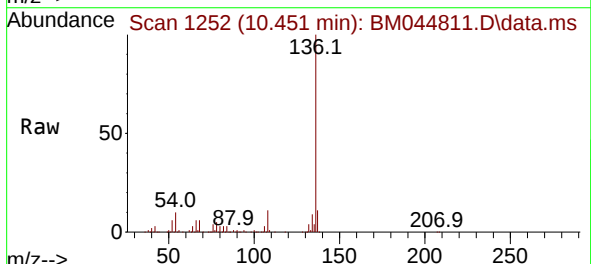
Ion	Ratio	Lower	Upper
107	100		
108	89.6	68.1	108.1
77	34.9	13.4	53.4
79	29.4	9.0	49.0

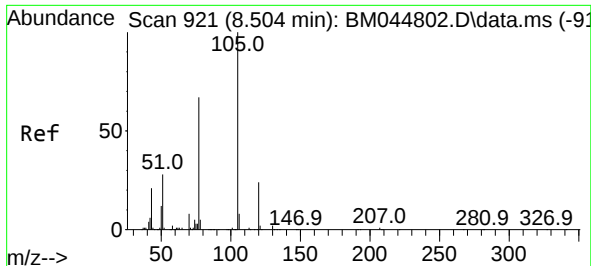


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.451 min Scan# 1252
Delta R.T. -0.006 min
Lab File: BM044811.D
Acq: 29 Mar 2024 11:17

Tgt Ion:136 Resp: 344166

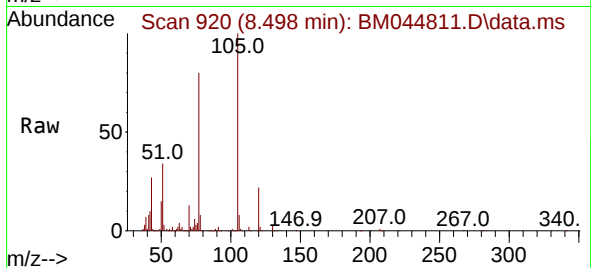
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	10.1	7.3	10.9
68	5.7	5.0	7.4



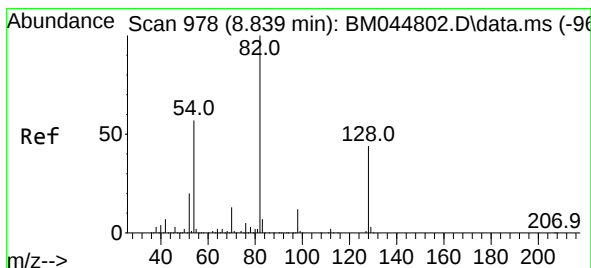
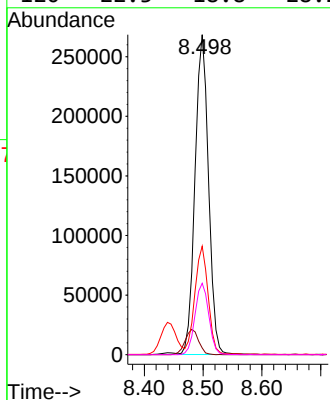
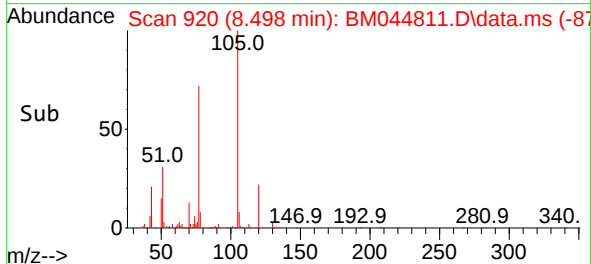


#22
Acetophenone
Concen: 45.779 ng
RT: 8.498 min Scan# 911
Delta R.T. -0.006 min
Lab File: BM044811.D
Acq: 29 Mar 2024 11:17

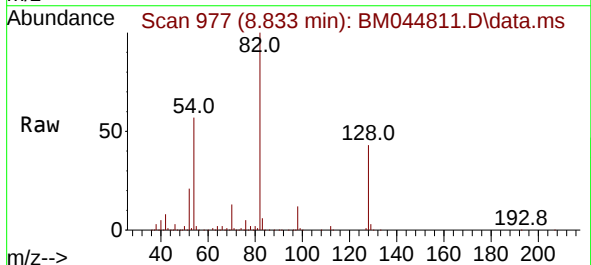
Instrument :
BNA_M
ClientSampleId :



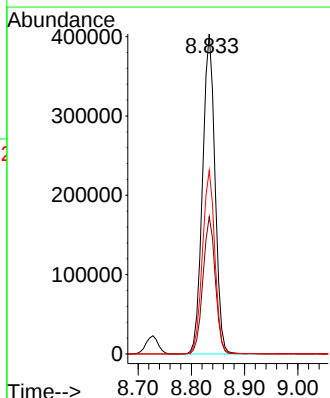
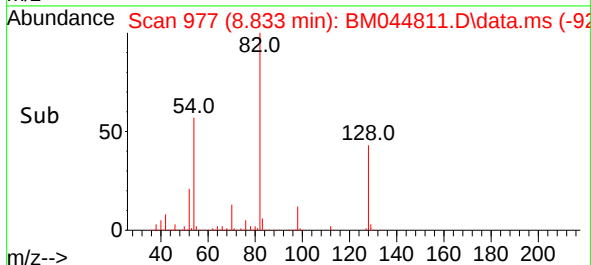
Tgt Ion:105 Resp: 427313
Ion Ratio Lower Upper
105 100
71 2.1 1.6 2.4
51 33.9 25.9 38.9
120 22.3 18.8 28.2

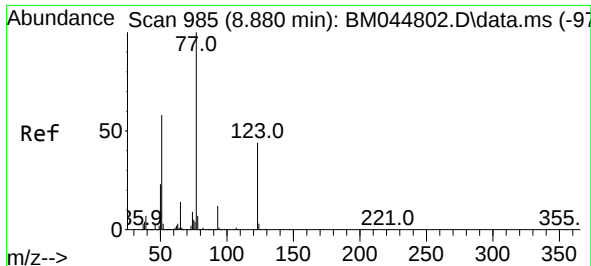


#23
Nitrobenzene-d5
Concen: 85.921 ng
RT: 8.833 min Scan# 977
Delta R.T. -0.006 min
Lab File: BM044811.D
Acq: 29 Mar 2024 11:17



Tgt Ion: 82 Resp: 655968
Ion Ratio Lower Upper
82 100
128 42.9 34.8 52.2
54 57.3 45.4 68.0

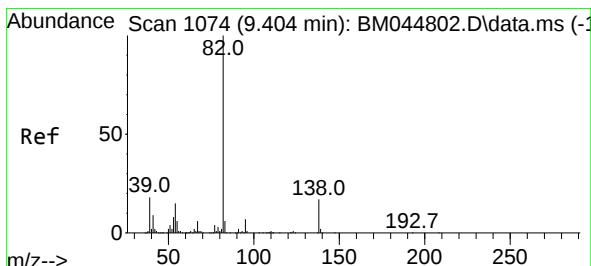
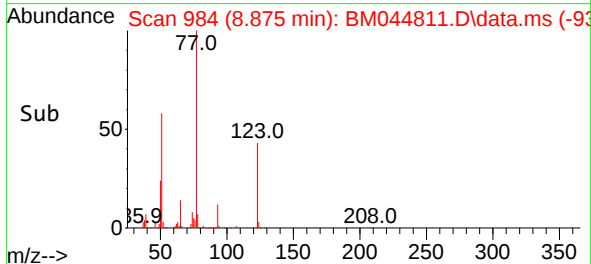
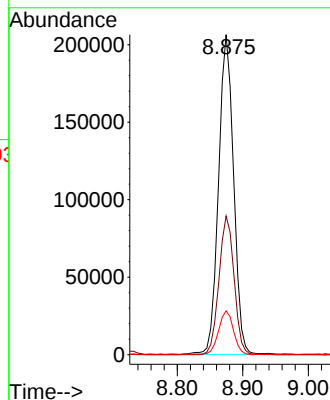
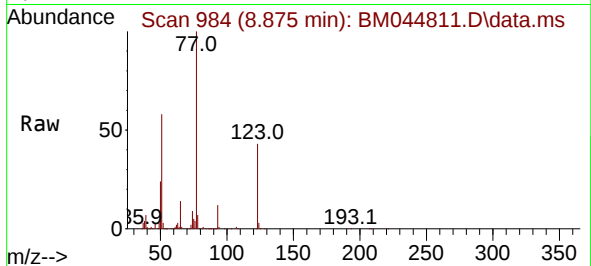




#24
Nitrobenzene
Concen: 43.875 ng
RT: 8.875 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM044811.D
Acq: 29 Mar 2024 11:17

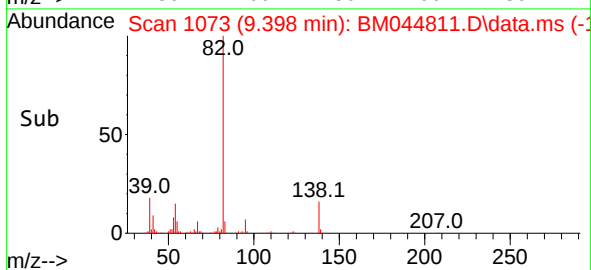
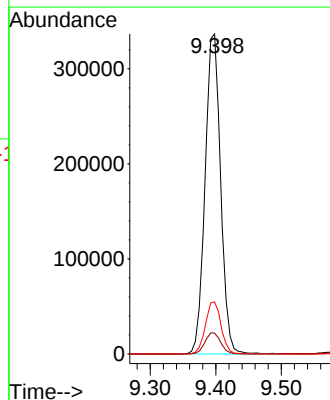
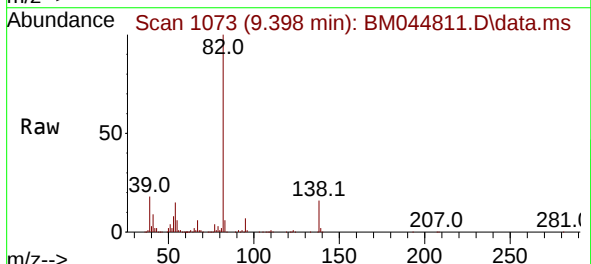
Instrument :
BNA_M
ClientSampleId :

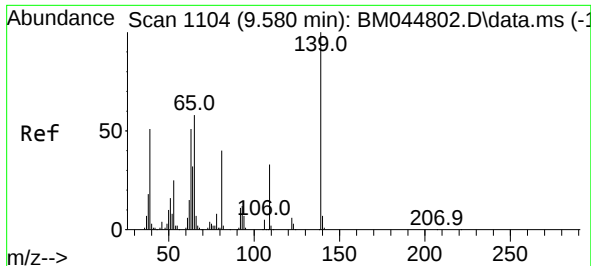
Tgt Ion: 77 Resp: 327223
Ion Ratio Lower Upper
77 100
123 43.4 35.1 52.7
65 13.7 11.4 17.2



#25
Isophorone
Concen: 45.205 ng
RT: 9.398 min Scan# 1073
Delta R.T. -0.006 min
Lab File: BM044811.D
Acq: 29 Mar 2024 11:17

Tgt Ion: 82 Resp: 556509
Ion Ratio Lower Upper
82 100
95 6.5 5.3 7.9
138 16.2 13.6 20.4

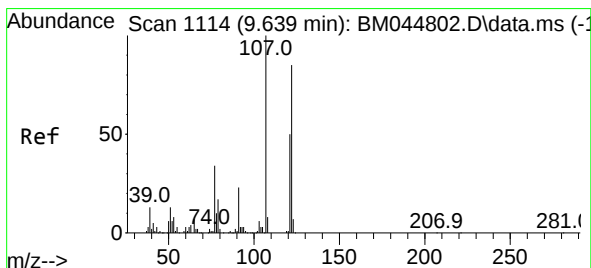
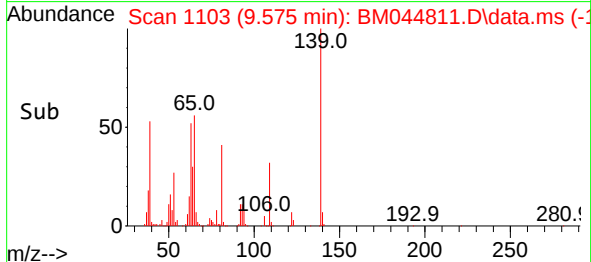
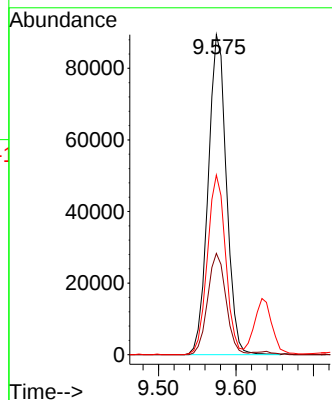
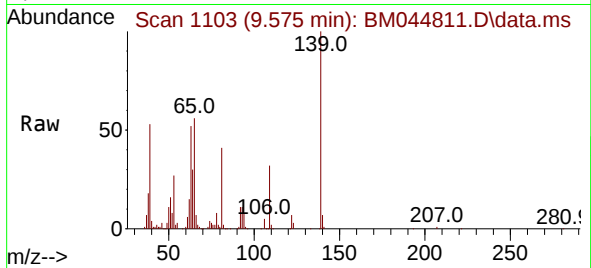




#26
2-Nitrophenol
Concen: 44.648 ng
RT: 9.575 min Scan# 1103
Delta R.T. -0.006 min
Lab File: BM044811.D
Acq: 29 Mar 2024 11:17

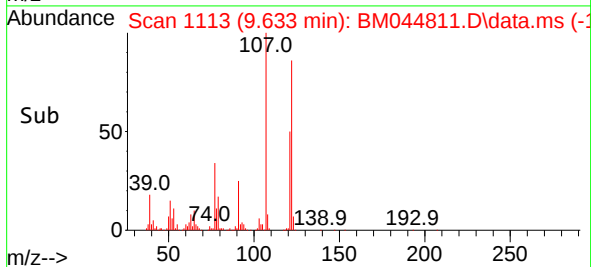
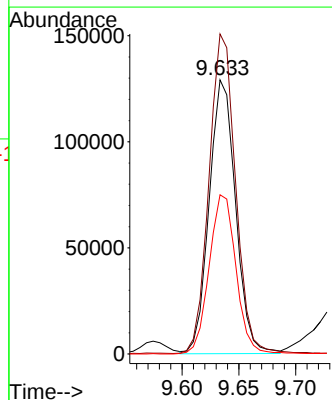
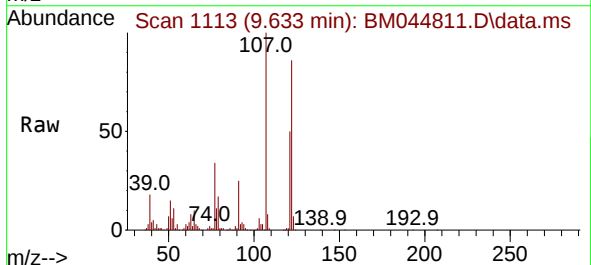
Instrument :
BNA_M
ClientSampleId :

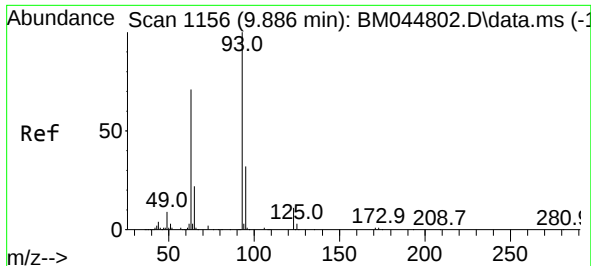
Tgt Ion:139 Resp: 146775
Ion Ratio Lower Upper
139 100
109 31.6 26.7 40.1
65 56.1 46.8 70.2



#27
2,4-Dimethylphenol
Concen: 38.759 ng
RT: 9.633 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BM044811.D
Acq: 29 Mar 2024 11:17

Tgt Ion:122 Resp: 209192
Ion Ratio Lower Upper
122 100
107 116.8 93.3 139.9
121 58.1 46.3 69.5

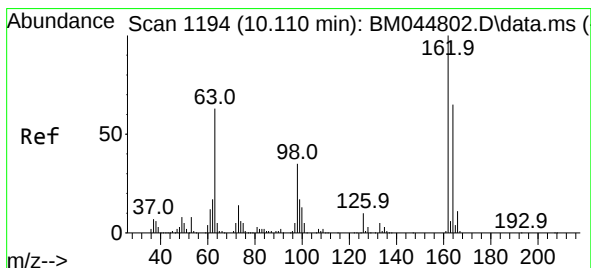
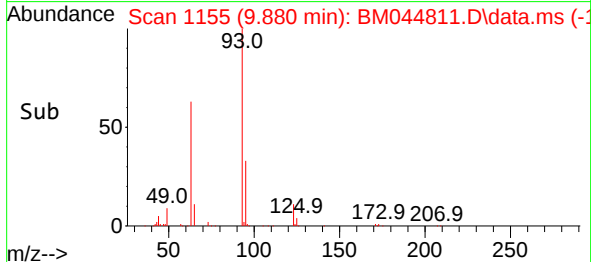
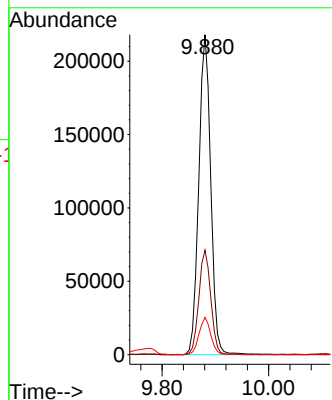
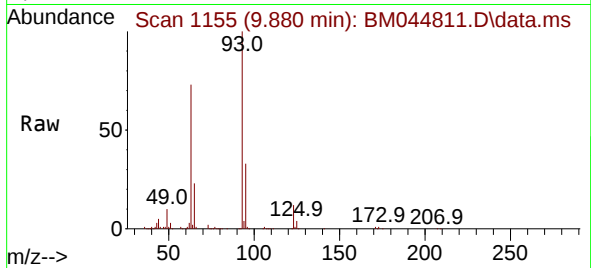




#28
bis(2-Chloroethoxy)methane
Concen: 43.929 ng
RT: 9.880 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BM044811.D
Acq: 29 Mar 2024 11:17

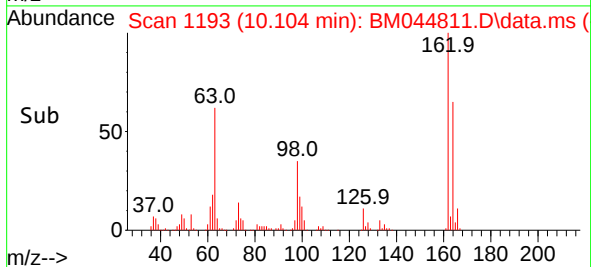
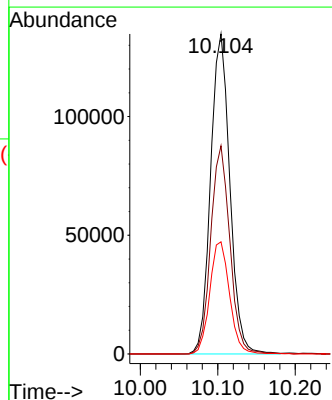
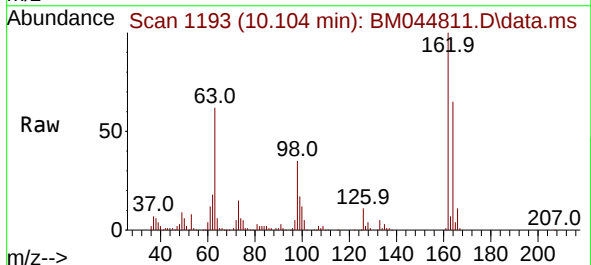
Instrument :
BNA_M
ClientSampleId :

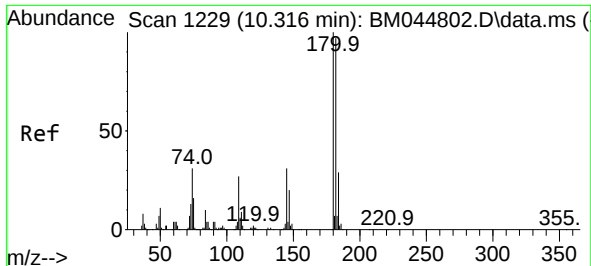
Tgt Ion: 93 Resp: 339981
Ion Ratio Lower Upper
93 100
95 32.6 25.4 38.2
123 11.6 8.7 13.1



#29
2,4-Dichlorophenol
Concen: 44.429 ng
RT: 10.104 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BM044811.D
Acq: 29 Mar 2024 11:17

Tgt Ion: 162 Resp: 232721
Ion Ratio Lower Upper
162 100
164 65.0 44.6 84.6
98 35.1 15.3 55.3

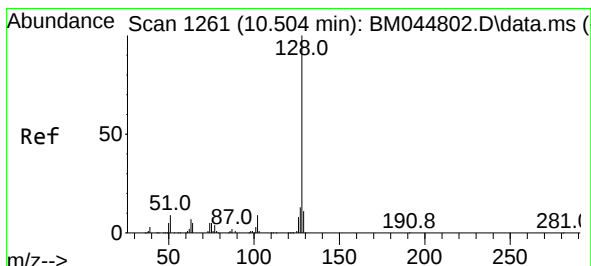
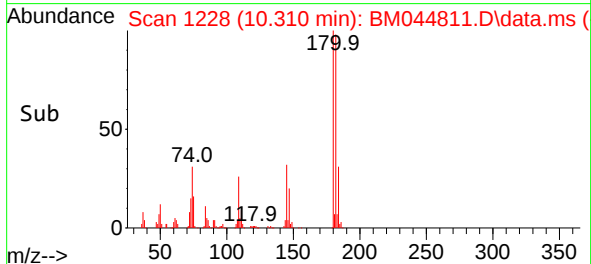
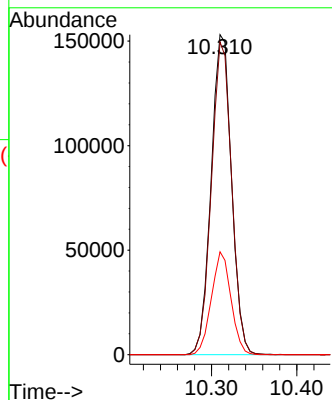
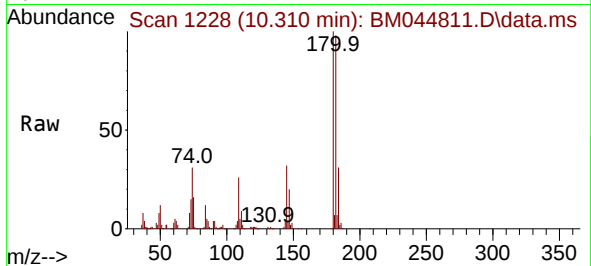




#30
1,2,4-Trichlorobenzene
Concen: 46.120 ng
RT: 10.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM044811.D
Acq: 29 Mar 2024 11:17

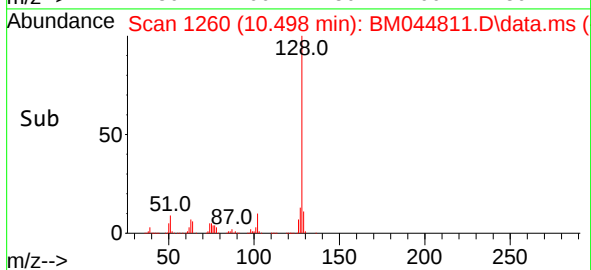
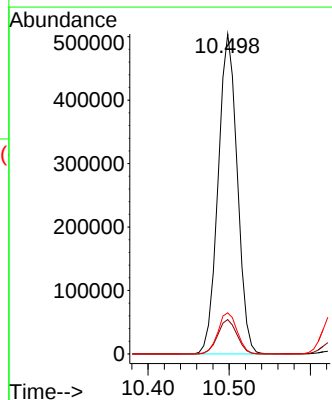
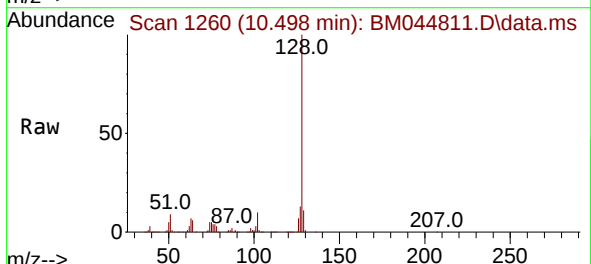
Instrument :
BNA_M
ClientSampleId :

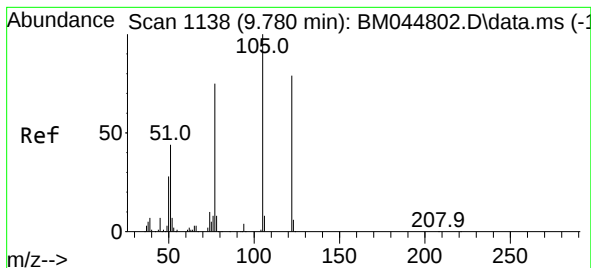
Tgt Ion:180 Resp: 254219
Ion Ratio Lower Upper
180 100
182 97.7 77.2 115.8
145 32.2 25.1 37.7



#31
Naphthalene
Concen: 43.684 ng
RT: 10.498 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BM044811.D
Acq: 29 Mar 2024 11:17

Tgt Ion:128 Resp: 825855
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 12.9 10.1 15.1





#32

Benzoic acid

Concen: 44.011 ng

RT: 9.775 min Scan# 1137

Delta R.T. -0.005 min

Lab File: BM044811.D

Acq: 29 Mar 2024 11:17

Instrument :

BNA_M

ClientSampleId :

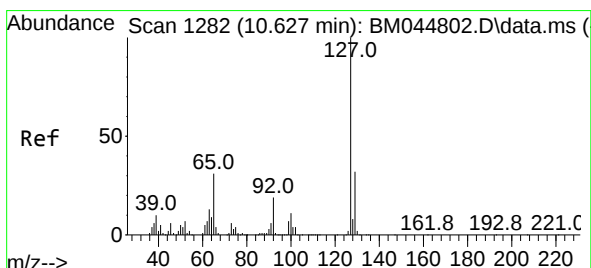
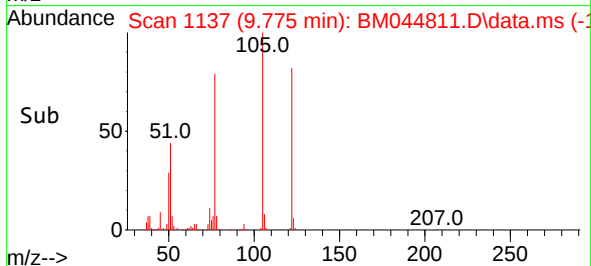
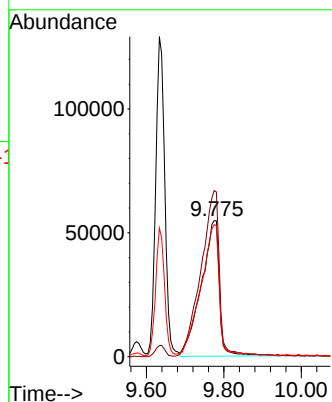
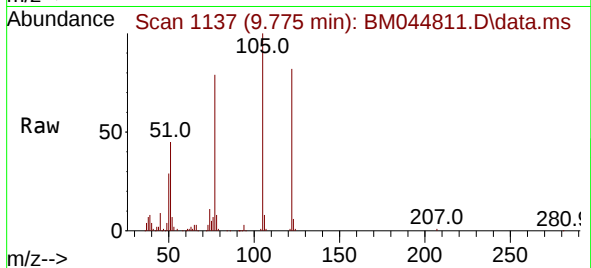
Tgt Ion:122 Resp: 178312

Ion Ratio Lower Upper

122 100

105 122.2 105.6 145.6

77 97.1 75.5 115.5



#33

4-Chloroaniline

Concen: 16.470 ng

RT: 10.627 min Scan# 1282

Delta R.T. 0.000 min

Lab File: BM044811.D

Acq: 29 Mar 2024 11:17

Tgt Ion:127 Resp: 128332

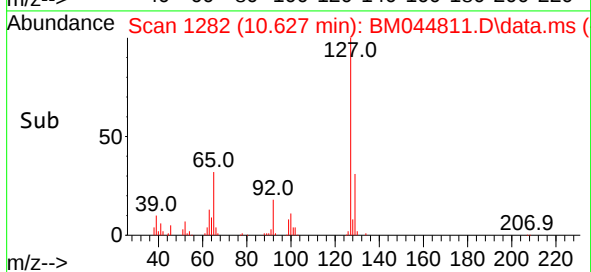
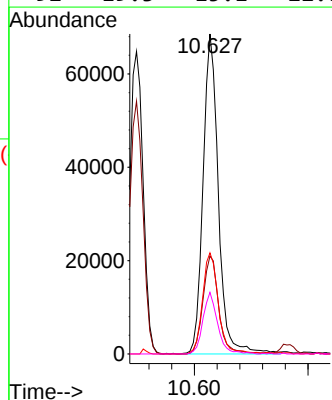
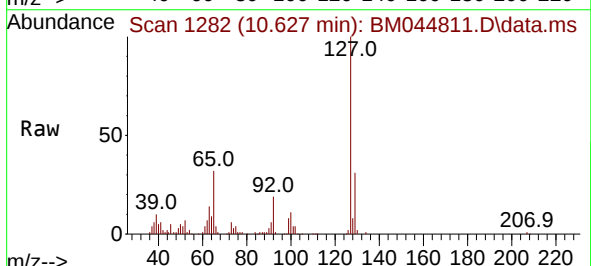
Ion Ratio Lower Upper

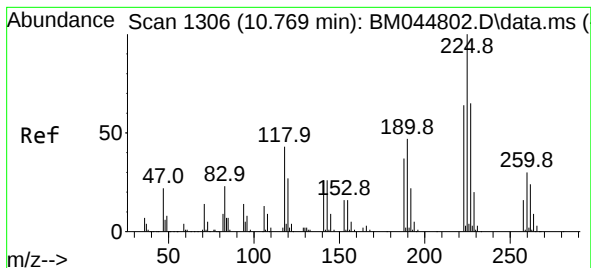
127 100

129 30.6 25.8 38.8

65 31.6 25.1 37.7

92 19.3 15.1 22.7





#34

Hexachlorobutadiene

Concen: 45.908 ng

RT: 10.763 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM044811.D

Acq: 29 Mar 2024 11:17

Instrument :

BNA_M

ClientSampleId :

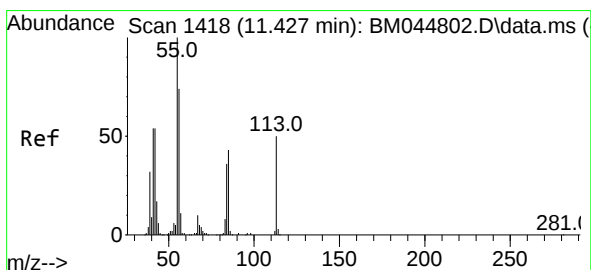
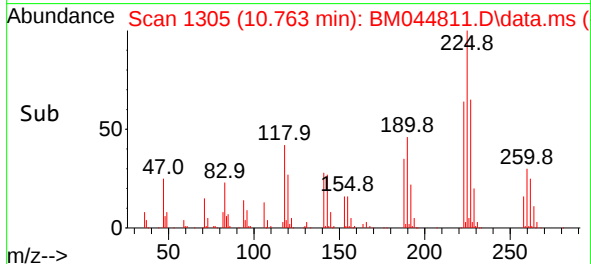
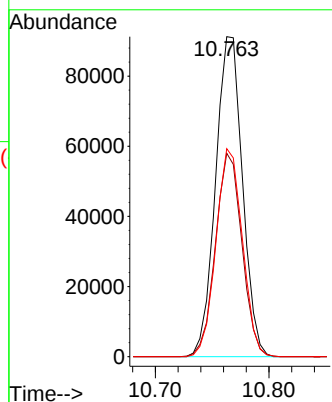
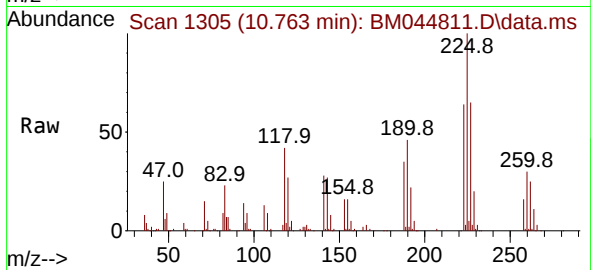
Tgt Ion:225 Resp: 150245

Ion Ratio Lower Upper

225 100

223 63.6 50.9 76.3

227 65.0 51.7 77.5



#35

Caprolactam

Concen: 43.501 ng

RT: 11.422 min Scan# 1417

Delta R.T. -0.006 min

Lab File: BM044811.D

Acq: 29 Mar 2024 11:17

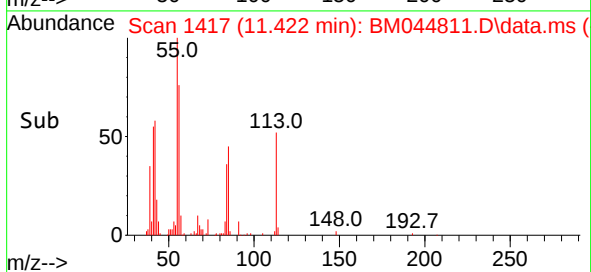
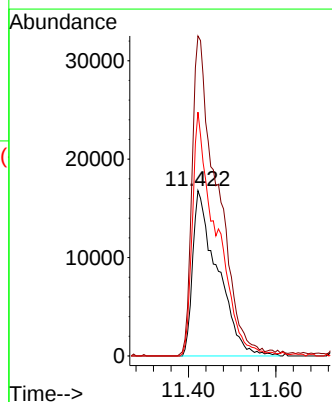
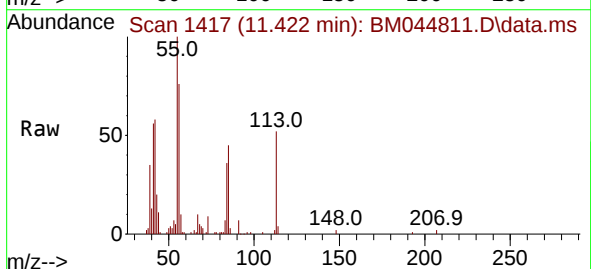
Tgt Ion:113 Resp: 66386

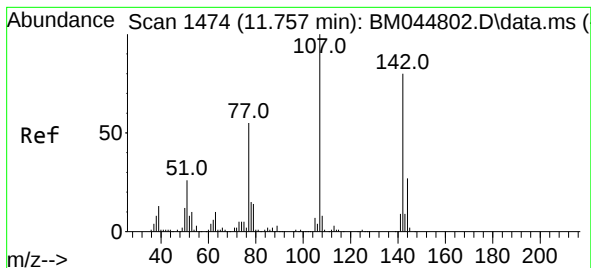
Ion Ratio Lower Upper

113 100

55 193.5 180.8 220.8

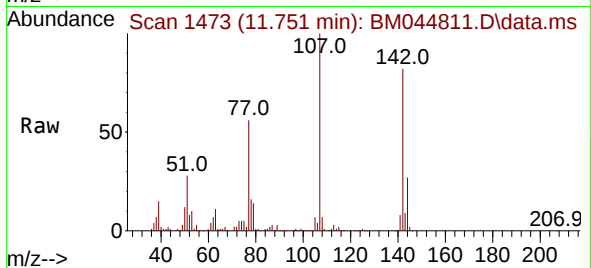
56 147.4 127.4 167.4



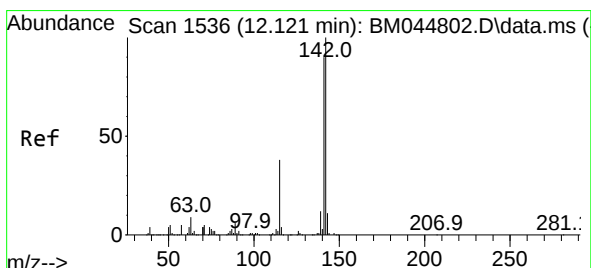
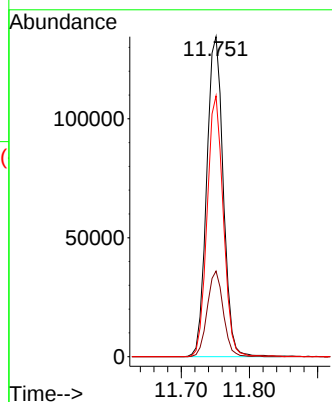
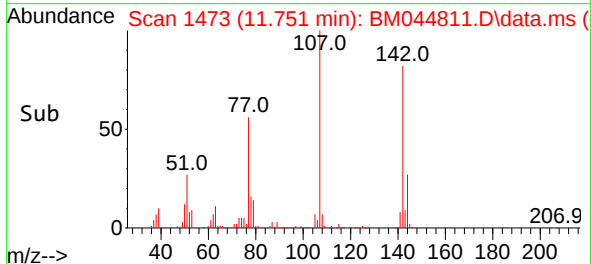


#36
4-Chloro-3-methylphenol
Concen: 41.787 ng
RT: 11.751 min Scan# 1473
Delta R.T. -0.006 min
Lab File: BM044811.D
Acq: 29 Mar 2024 11:17

Instrument :
BNA_M
ClientSampleId :

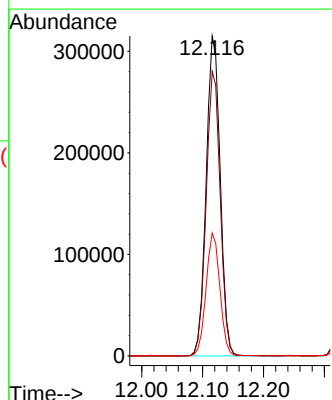
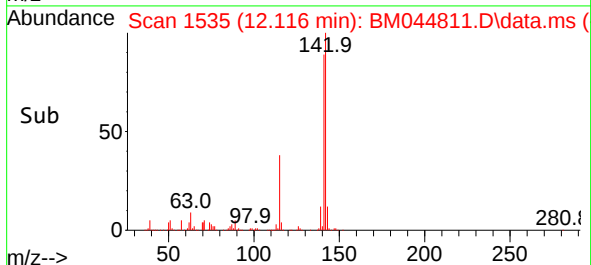
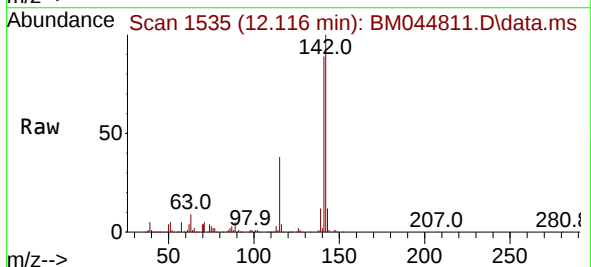


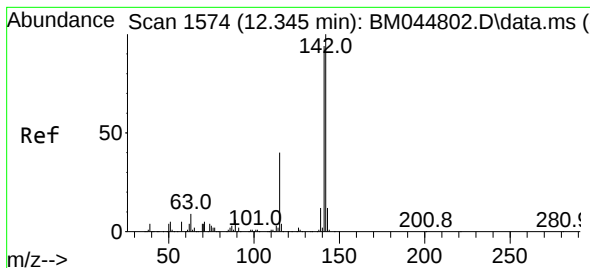
Tgt Ion:107 Resp: 227604
Ion Ratio Lower Upper
107 100
144 26.8 21.6 32.4
142 81.5 63.8 95.8



#37
2-Methylnaphthalene
Concen: 40.761 ng
RT: 12.116 min Scan# 1535
Delta R.T. -0.006 min
Lab File: BM044811.D
Acq: 29 Mar 2024 11:17

Tgt Ion:142 Resp: 505659
Ion Ratio Lower Upper
142 100
141 89.0 71.7 107.5
115 38.4 30.3 45.5





#38

1-Methylnaphthalene

Concen: 42.089 ng

RT: 12.339 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM044811.D

Acq: 29 Mar 2024 11:17

Instrument :

BNA_M

ClientSampleId :

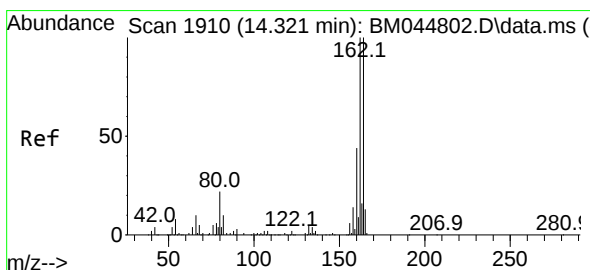
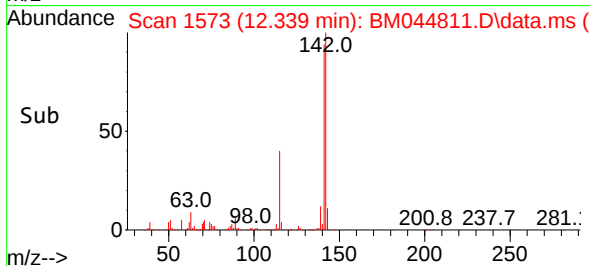
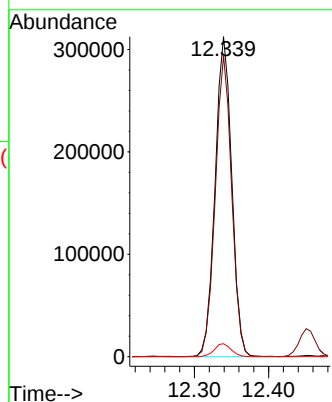
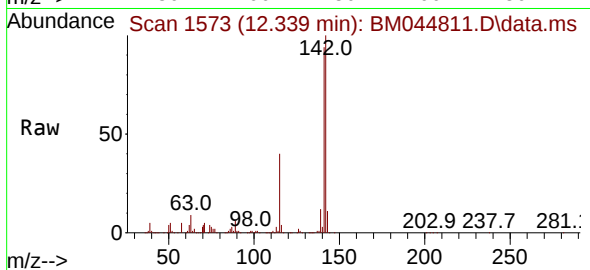
Tgt Ion:142 Resp: 486667

Ion Ratio Lower Upper

142 100

141 94.1 75.6 113.4

116 4.0 3.3 4.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.315 min Scan# 1909

Delta R.T. -0.006 min

Lab File: BM044811.D

Acq: 29 Mar 2024 11:17

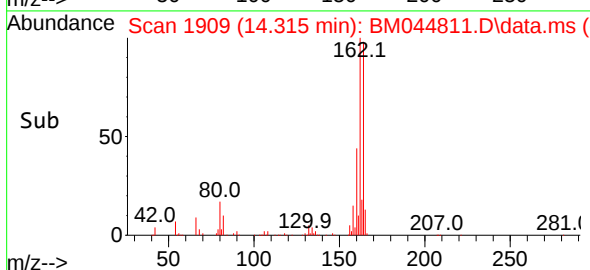
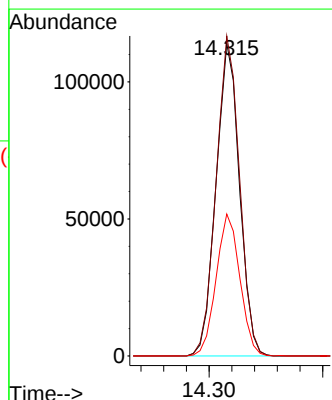
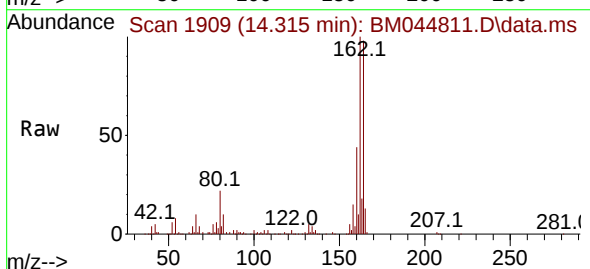
Tgt Ion:164 Resp: 163414

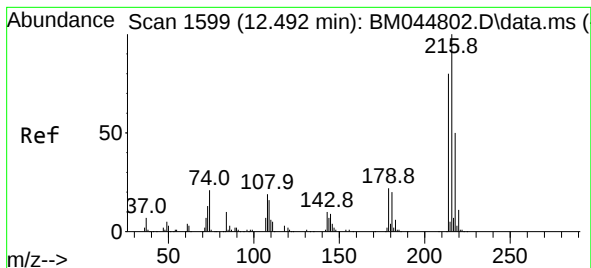
Ion Ratio Lower Upper

164 100

162 102.4 80.2 120.4

160 45.4 35.4 53.2





#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.616 ng

RT: 12.486 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM044811.D

Acq: 29 Mar 2024 11:17

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:216 Resp: 253585

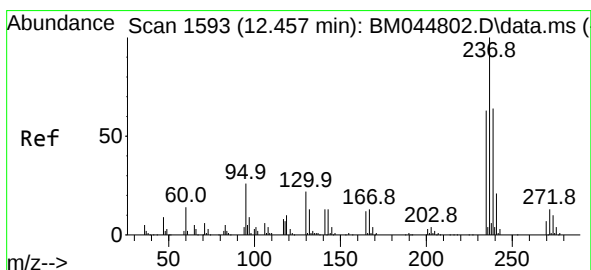
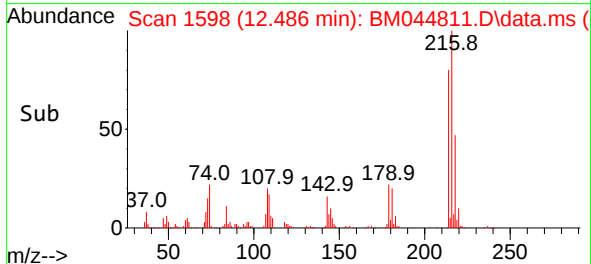
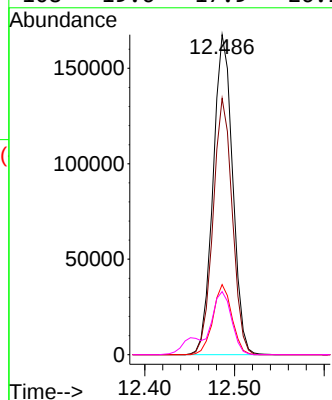
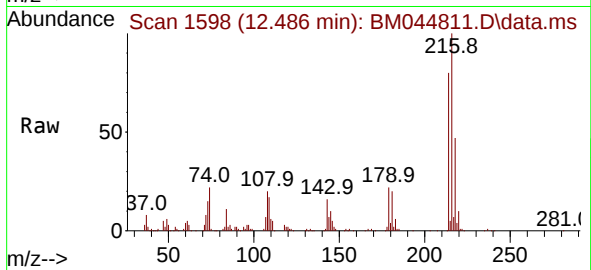
Ion Ratio Lower Upper

216 100

214 78.7 63.4 95.2

179 21.2 16.8 25.2

108 19.6 17.9 26.9



#41

Hexachlorocyclopentadiene

Concen: 112.163 ng

RT: 12.451 min Scan# 1592

Delta R.T. -0.006 min

Lab File: BM044811.D

Acq: 29 Mar 2024 11:17

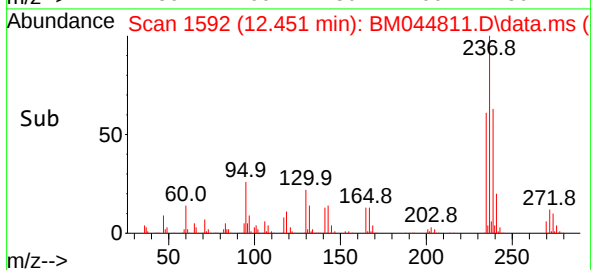
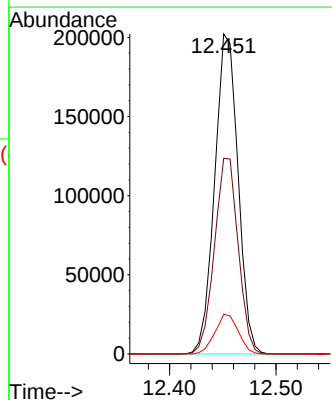
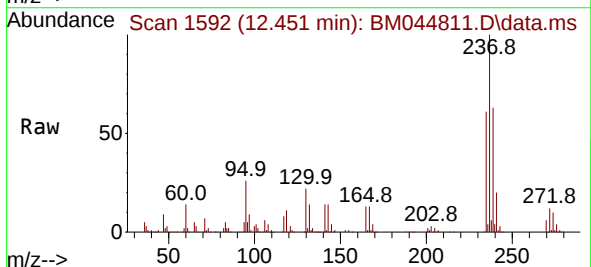
Tgt Ion:237 Resp: 307657

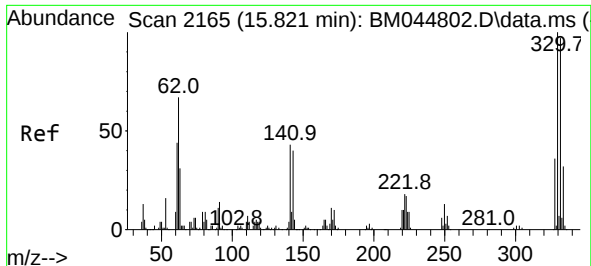
Ion Ratio Lower Upper

237 100

235 61.1 43.3 83.3

272 12.4 0.0 32.8





#42

2,4,6-Tribromophenol

Concen: 136.804 ng

RT: 15.815 min Scan# 2164

Delta R.T. -0.006 min

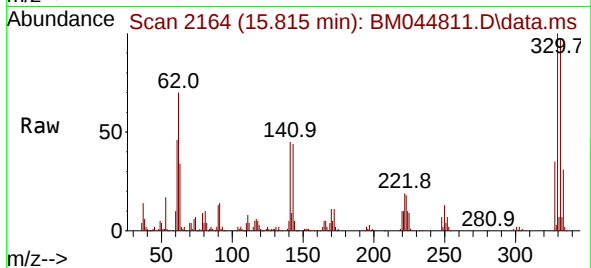
Lab File: BM044811.D

Acq: 29 Mar 2024 11:17

Instrument :

BNA_M

ClientSampleId :



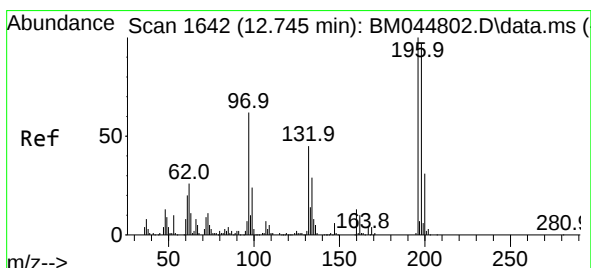
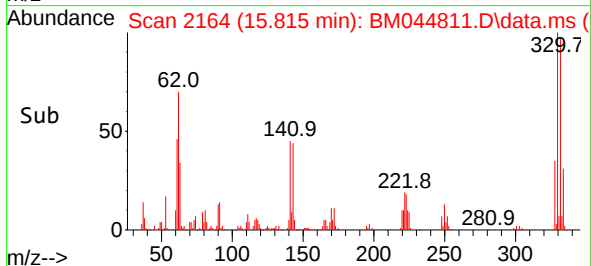
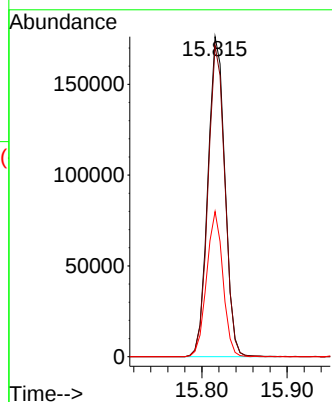
Tgt Ion:330 Resp: 244293

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.4

141 43.5 34.1 51.1



#43

2,4,6-Trichlorophenol

Concen: 45.711 ng

RT: 12.739 min Scan# 1641

Delta R.T. -0.006 min

Lab File: BM044811.D

Acq: 29 Mar 2024 11:17

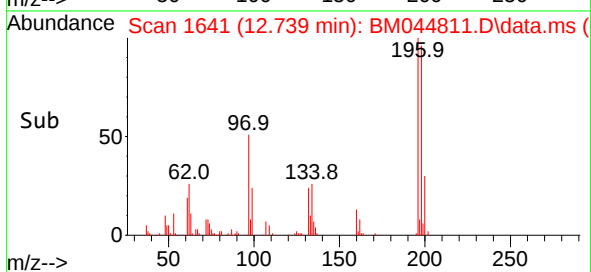
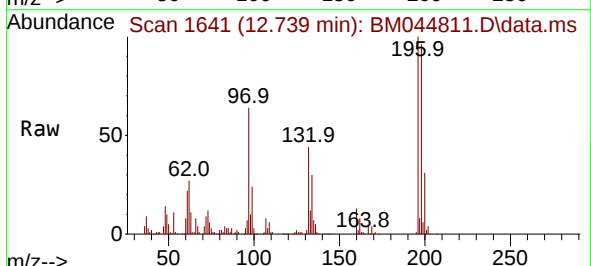
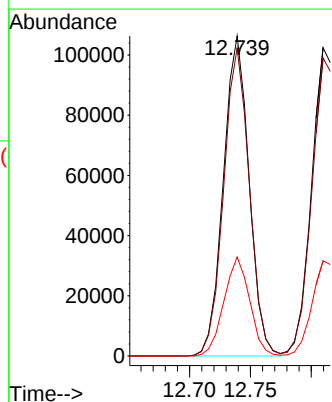
Tgt Ion:196 Resp: 156357

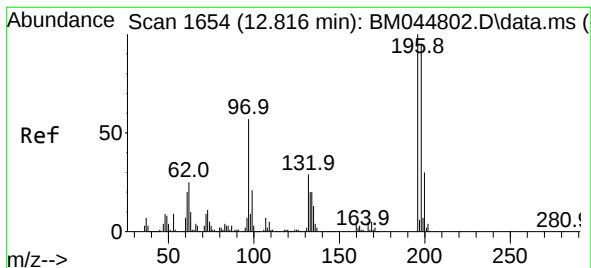
Ion Ratio Lower Upper

196 100

198 96.2 77.3 115.9

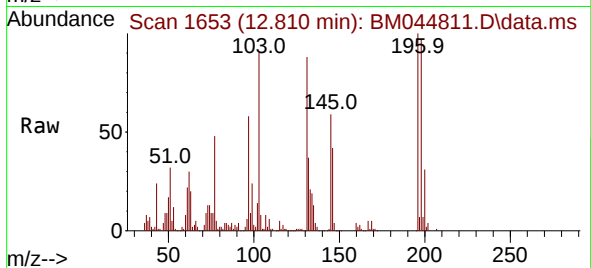
200 31.0 25.0 37.6



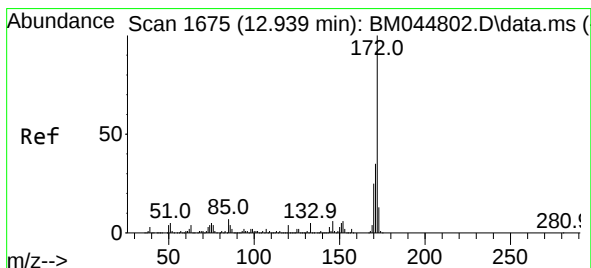
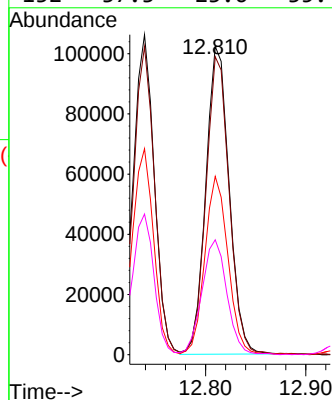
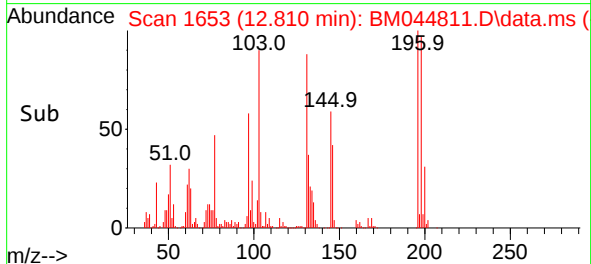


#44
2,4,5-Trichlorophenol
Concen: 42.165 ng
RT: 12.810 min Scan# 1653
Delta R.T. -0.006 min
Lab File: BM044811.D
Acq: 29 Mar 2024 11:17

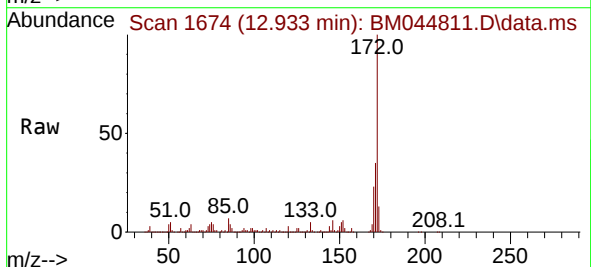
Instrument :
BNA_M
ClientSampleId :



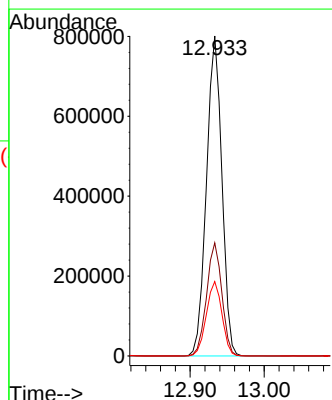
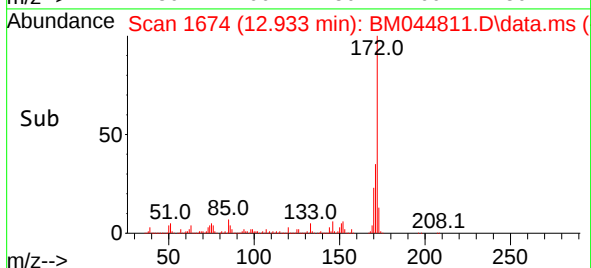
Tgt Ion:196 Resp: 166100
Ion Ratio Lower Upper
196 100
198 96.6 76.0 114.0
97 57.8 45.5 68.3
132 37.3 23.6 35.4#

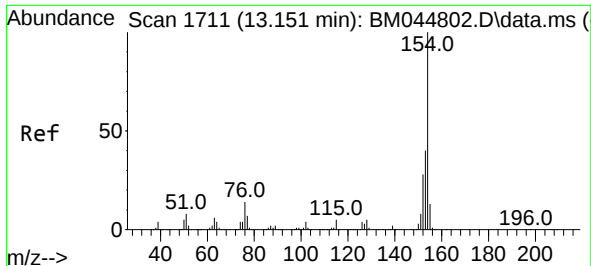


#45
2-Fluorobiphenyl
Concen: 90.649 ng
RT: 12.933 min Scan# 1674
Delta R.T. -0.006 min
Lab File: BM044811.D
Acq: 29 Mar 2024 11:17



Tgt Ion:172 Resp: 1156591
Ion Ratio Lower Upper
172 100
171 35.4 27.8 41.8
170 23.2 19.8 29.6

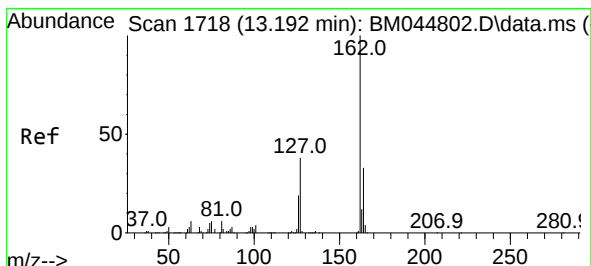
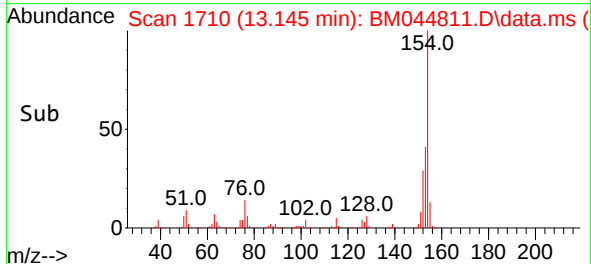
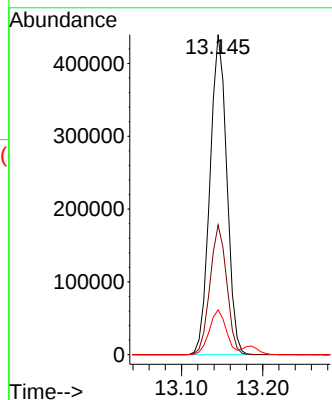
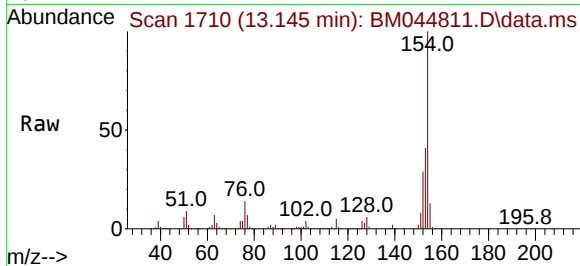




#46
1,1'-Biphenyl
Concen: 47.891 ng
RT: 13.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM044811.D
Acq: 29 Mar 2024 11:17

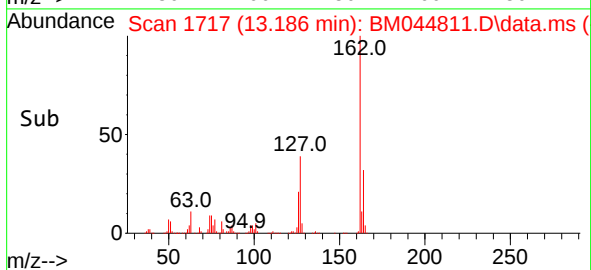
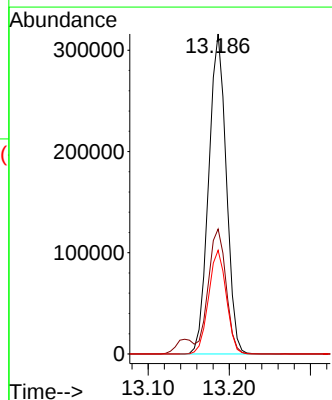
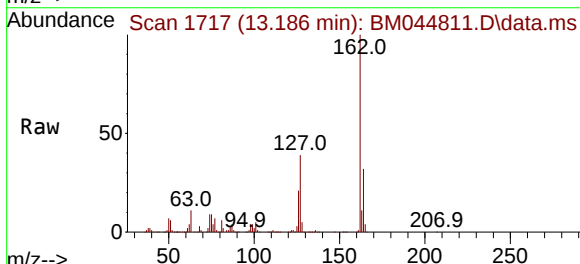
Instrument :
BNA_M
ClientSampleId :

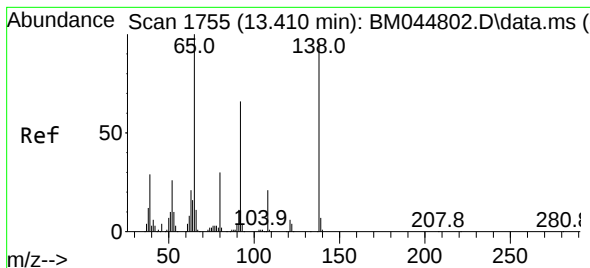
Tgt Ion:154 Resp: 633350
Ion Ratio Lower Upper
154 100
153 40.6 20.1 60.1
76 14.0 0.0 34.2



#47
2-Chloronaphthalene
Concen: 47.750 ng
RT: 13.186 min Scan# 1717
Delta R.T. -0.006 min
Lab File: BM044811.D
Acq: 29 Mar 2024 11:17

Tgt Ion:162 Resp: 474994
Ion Ratio Lower Upper
162 100
127 39.0 32.6 48.8
164 32.4 26.0 39.0





#48

2-Nitroaniline

Concen: 44.669 ng

RT: 13.410 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM044811.D

Acq: 29 Mar 2024 11:17

Instrument :

BNA_M

ClientSampleId :

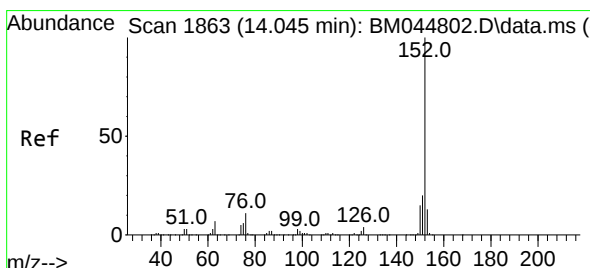
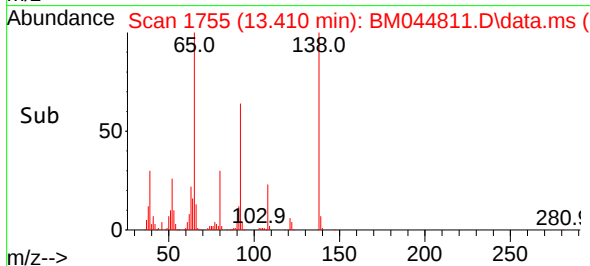
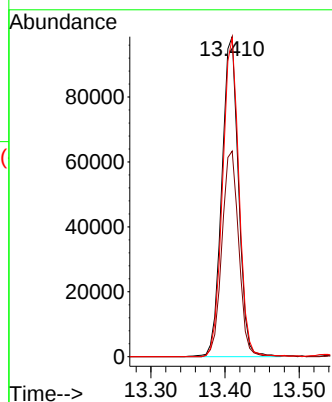
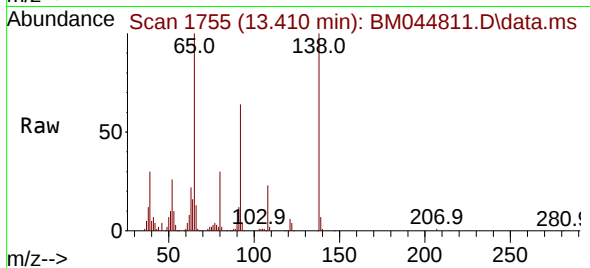
Tgt Ion: 65 Resp: 153912

Ion Ratio Lower Upper

65 100

92 64.3 52.4 78.6

138 99.6 76.9 115.3



#49

Acenaphthylene

Concen: 47.858 ng

RT: 14.039 min Scan# 1862

Delta R.T. -0.006 min

Lab File: BM044811.D

Acq: 29 Mar 2024 11:17

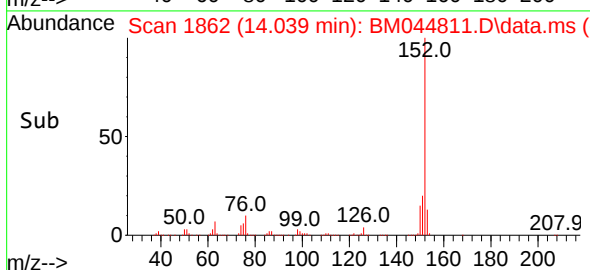
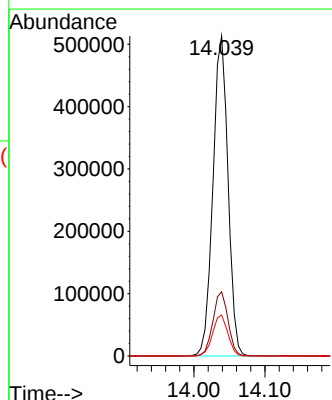
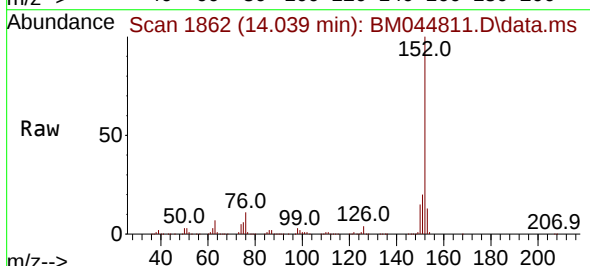
Tgt Ion:152 Resp: 754543

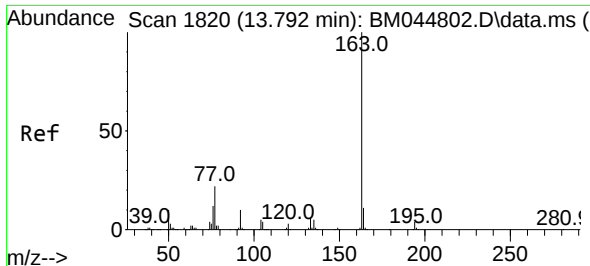
Ion Ratio Lower Upper

152 100

151 20.1 16.0 24.0

153 12.8 10.2 15.2

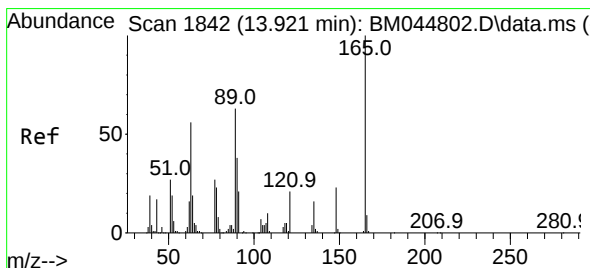
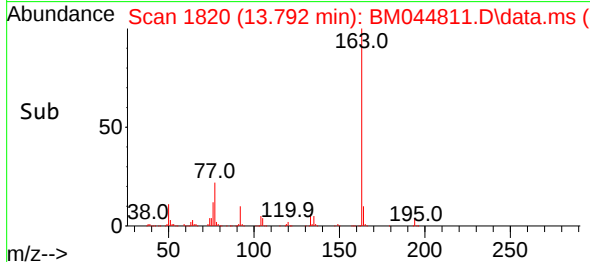
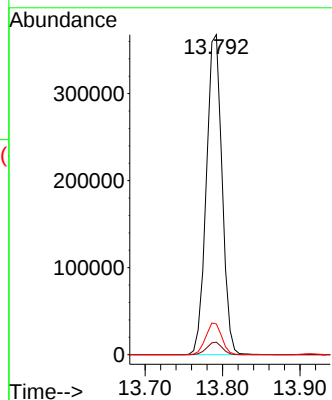
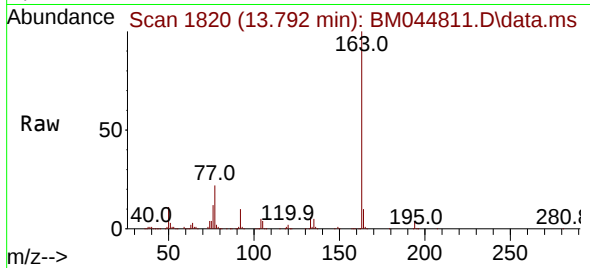




#50
Dimethylphthalate
Concen: 44.917 ng
RT: 13.792 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BM044811.D
Acq: 29 Mar 2024 11:17

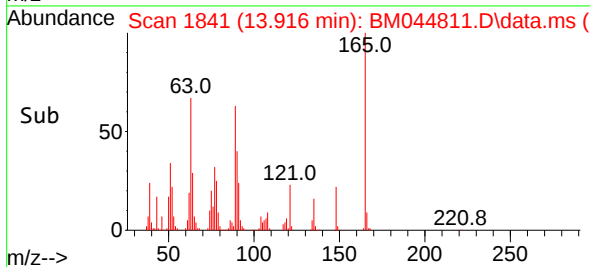
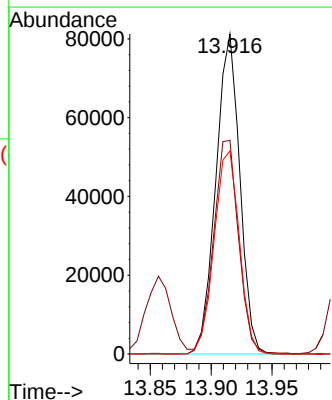
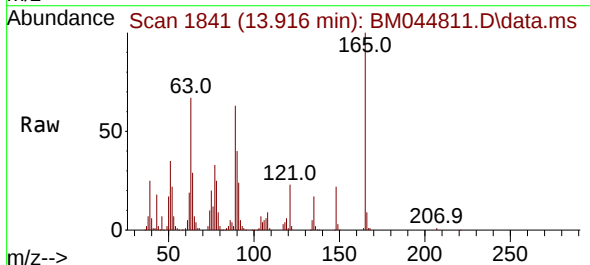
Instrument :
BNA_M
ClientSampleId :

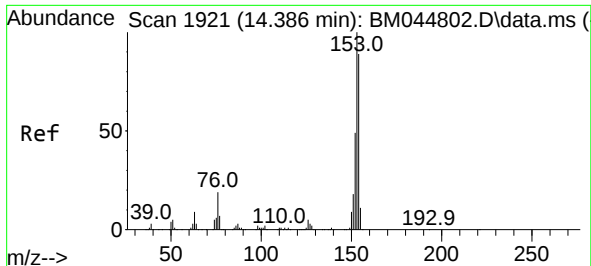
Tgt Ion:163 Resp: 516127
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 9.6 8.5 12.7



#51
2,6-Dinitrotoluene
Concen: 44.625 ng
RT: 13.916 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BM044811.D
Acq: 29 Mar 2024 11:17

Tgt Ion:165 Resp: 111126
Ion Ratio Lower Upper
165 100
63 66.7 53.8 80.6
89 63.5 50.4 75.6

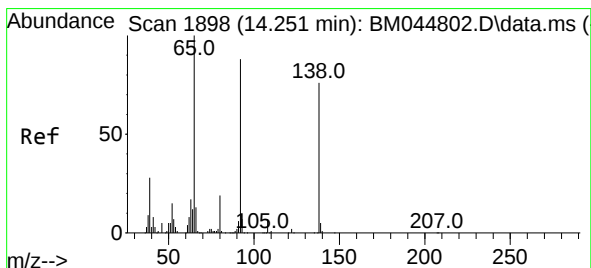
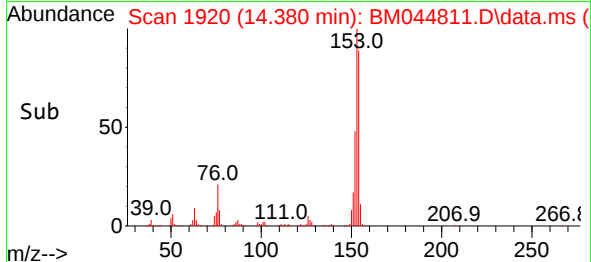
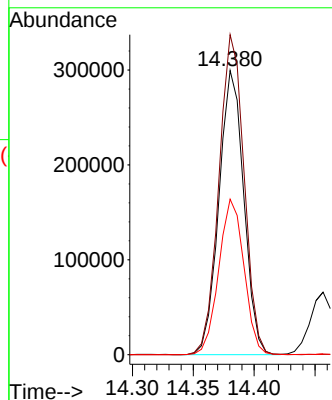
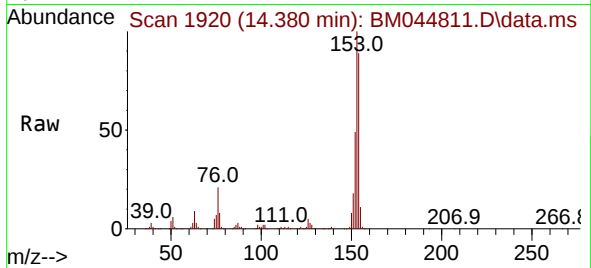




#52
Acenaphthene
Concen: 45.599 ng
RT: 14.380 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BM044811.D
Acq: 29 Mar 2024 11:17

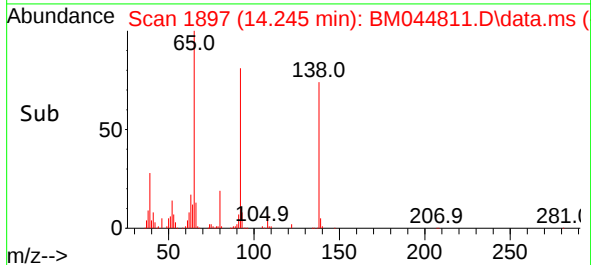
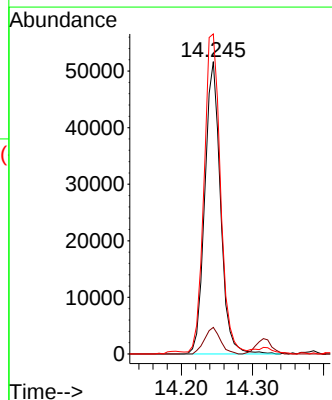
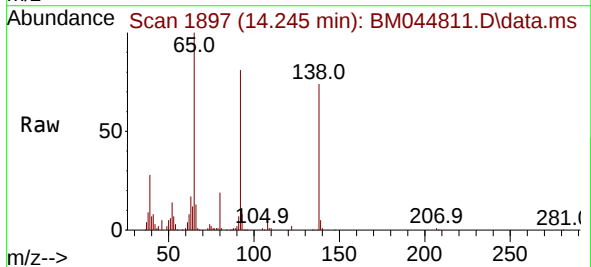
Instrument :
BNA_M
ClientSampleId :

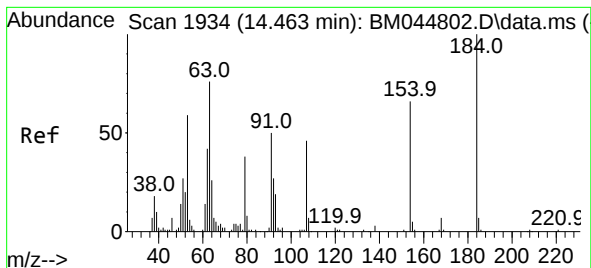
Tgt Ion:154 Resp: 425312
Ion Ratio Lower Upper
154 100
153 112.6 90.2 135.2
152 54.7 44.2 66.4



#53
3-Nitroaniline
Concen: 27.976 ng
RT: 14.245 min Scan# 1897
Delta R.T. -0.006 min
Lab File: BM044811.D
Acq: 29 Mar 2024 11:17

Tgt Ion:138 Resp: 79359
Ion Ratio Lower Upper
138 100
108 9.1 7.6 11.4
92 109.4 91.6 137.4

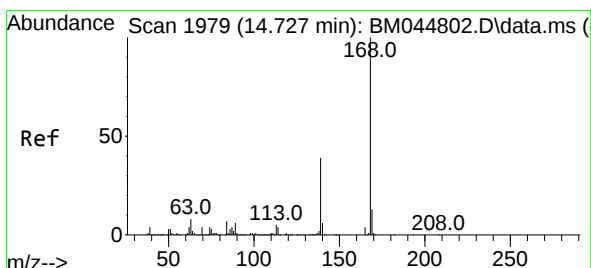
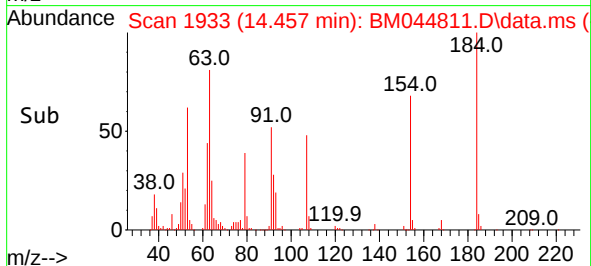
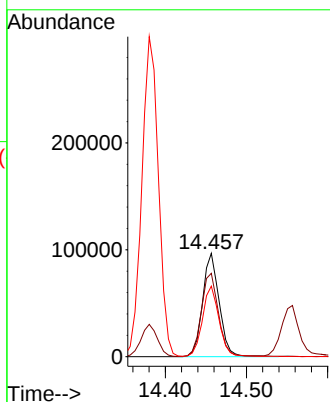
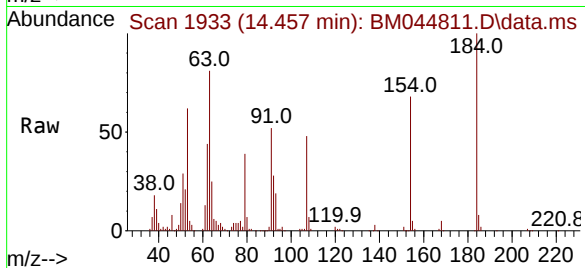




#54
2,4-Dinitrophenol
Concen: 88.434 ng
RT: 14.457 min Scan# 1933
Delta R.T. -0.006 min
Lab File: BM044811.D
Acq: 29 Mar 2024 11:17

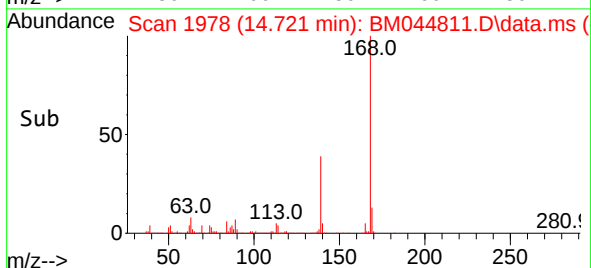
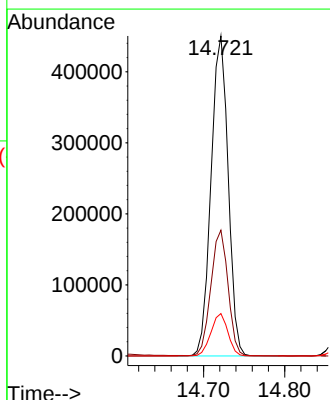
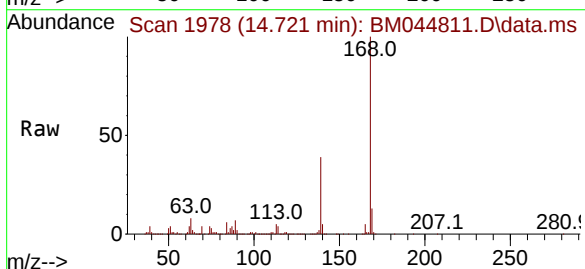
Instrument :
BNA_M
ClientSampleId :

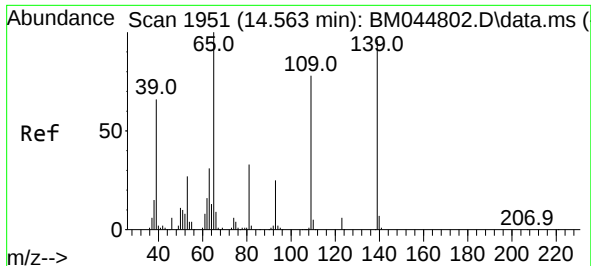
Tgt Ion:184 Resp: 136595
Ion Ratio Lower Upper
184 100
63 80.7 60.9 91.3
154 68.2 54.2 81.4



#55
Dibenzofuran
Concen: 45.049 ng
RT: 14.721 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BM044811.D
Acq: 29 Mar 2024 11:17

Tgt Ion:168 Resp: 659252
Ion Ratio Lower Upper
168 100
139 39.3 31.4 47.0
169 13.3 10.6 15.8

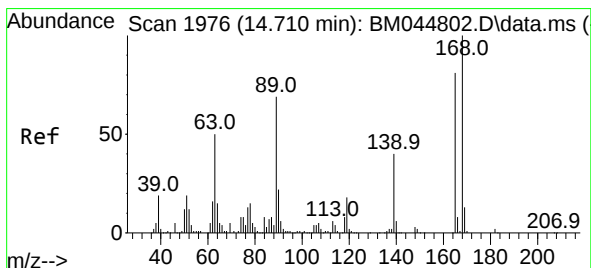
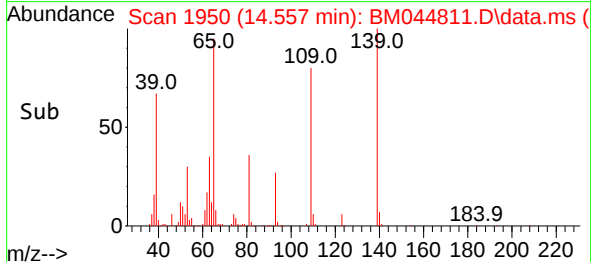
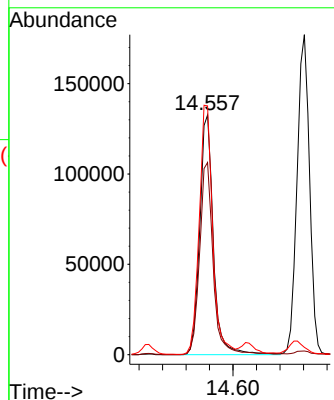
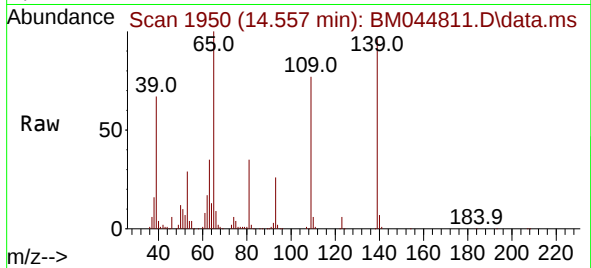




#56
4-Nitrophenol
Concen: 97.513 ng
RT: 14.557 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BM044811.D
Acq: 29 Mar 2024 11:17

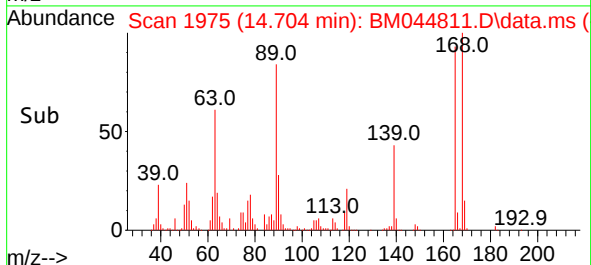
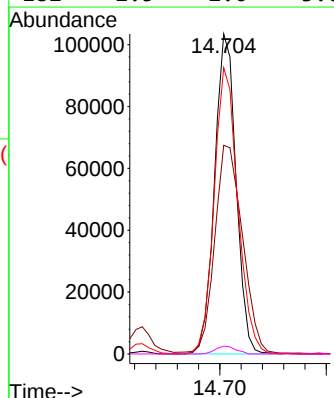
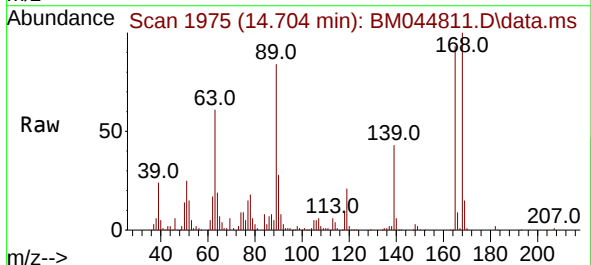
Instrument :
BNA_M
ClientSampleId :

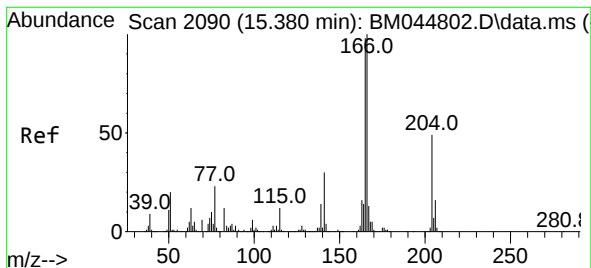
Tgt Ion:139 Resp: 212880
Ion Ratio Lower Upper
139 100
109 80.1 60.6 100.6
65 103.8 83.8 123.8



#57
2,4-Dinitrotoluene
Concen: 46.260 ng
RT: 14.704 min Scan# 1975
Delta R.T. -0.006 min
Lab File: BM044811.D
Acq: 29 Mar 2024 11:17

Tgt Ion:165 Resp: 144535
Ion Ratio Lower Upper
165 100
63 65.2 49.9 74.9
89 89.5 68.6 102.8
182 2.5 2.0 3.0





#58

Fluorene

Concen: 45.175 ng

RT: 15.374 min Scan# 2090

Delta R.T. -0.006 min

Lab File: BM044811.D

Acq: 29 Mar 2024 11:17

Instrument :

BNA_M

ClientSampleId :

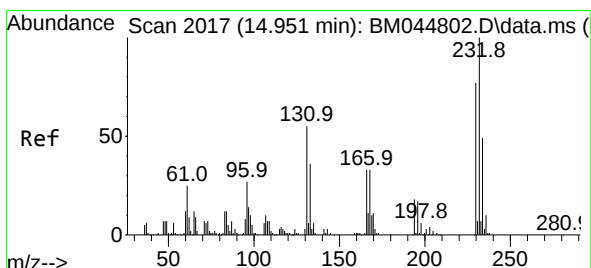
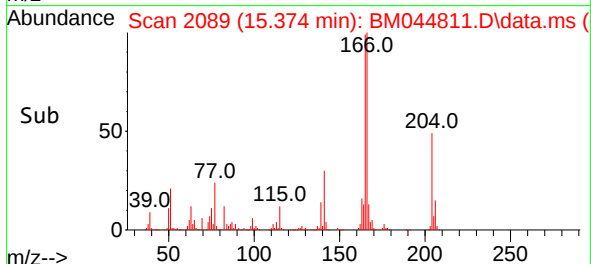
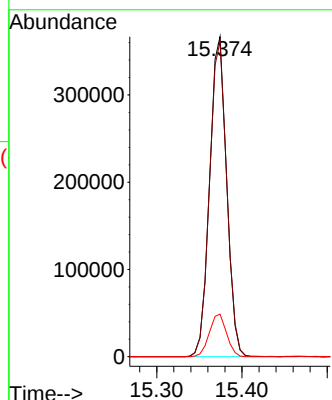
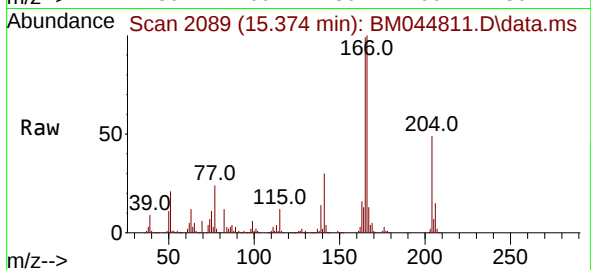
Tgt Ion:166 Resp: 508021

Ion Ratio Lower Upper

166 100

165 98.5 78.6 117.8

167 13.3 10.8 16.2



#59

2,3,4,6-Tetrachlorophenol

Concen: 46.050 ng

RT: 14.951 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BM044811.D

Acq: 29 Mar 2024 11:17

Tgt Ion:232 Resp: 129438

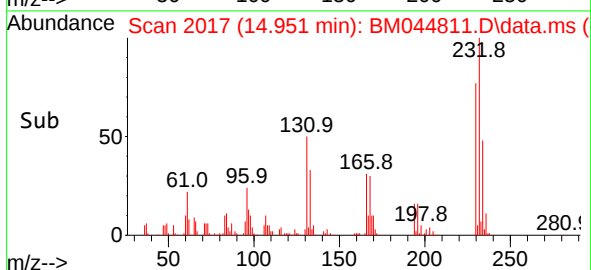
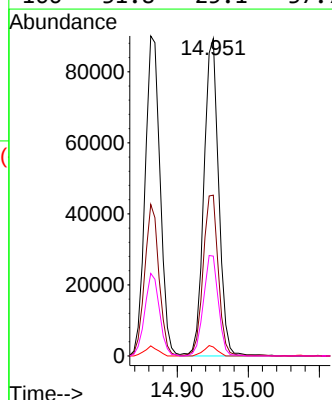
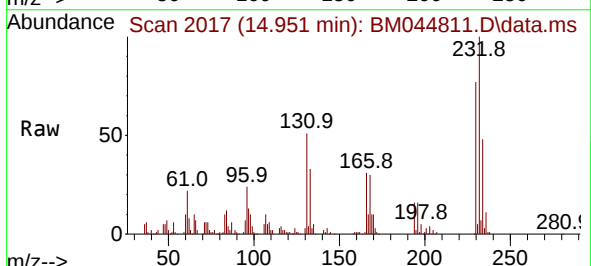
Ion Ratio Lower Upper

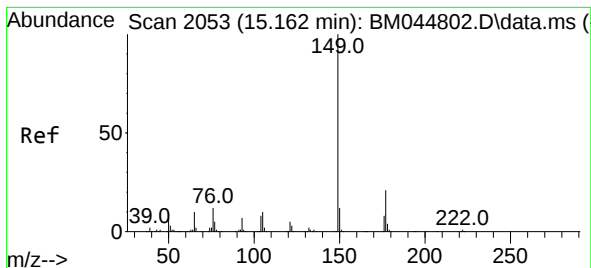
232 100

131 51.3 42.0 63.0

130 3.0 2.2 3.2

166 31.8 25.1 37.7





#60

Diethylphthalate

Concen: 45.721 ng

RT: 15.162 min Scan# 2053

Delta R.T. 0.000 min

Lab File: BM044811.D

Acq: 29 Mar 2024 11:17

Instrument :

BNA_M

ClientSampleId :

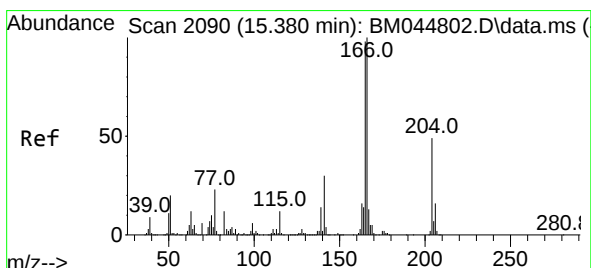
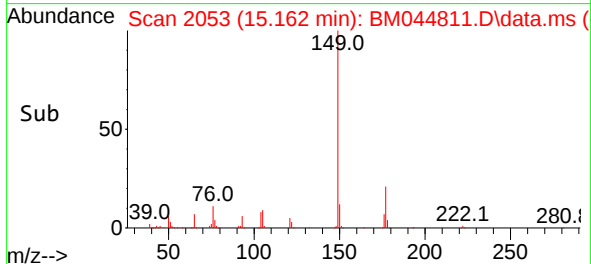
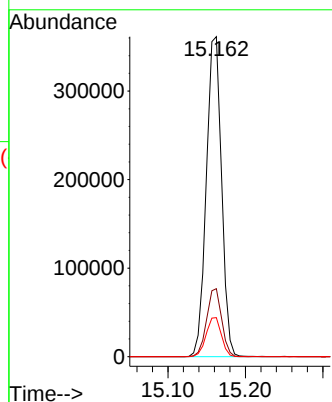
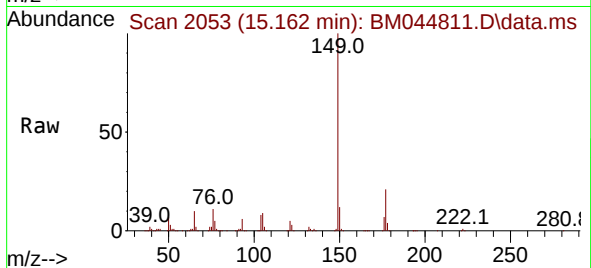
Tgt Ion:149 Resp: 493241

Ion Ratio Lower Upper

149 100

177 21.2 16.4 24.6

150 12.2 9.8 14.8



#61

4-Chlorophenyl-phenylether

Concen: 44.506 ng

RT: 15.374 min Scan# 2089

Delta R.T. -0.006 min

Lab File: BM044811.D

Acq: 29 Mar 2024 11:17

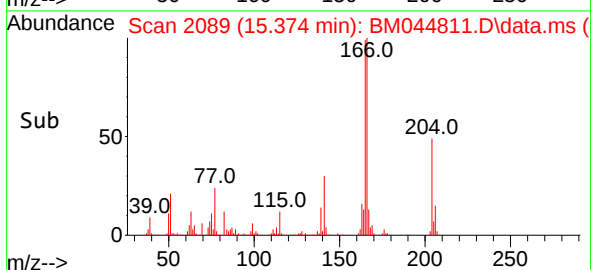
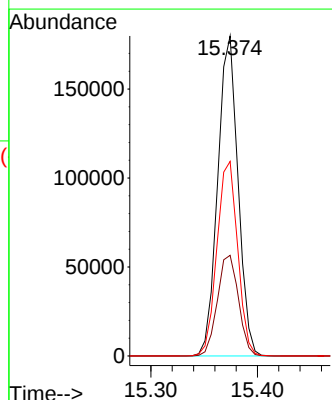
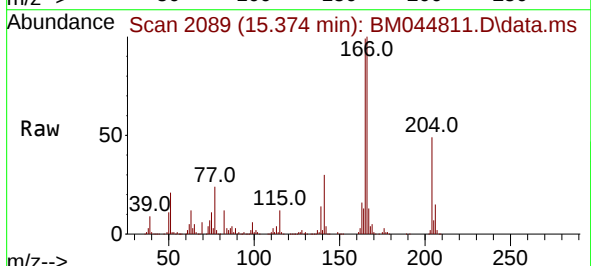
Tgt Ion:204 Resp: 237493

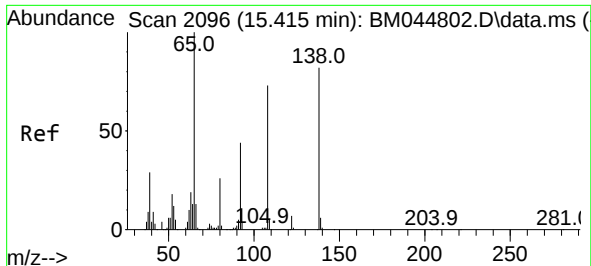
Ion Ratio Lower Upper

204 100

206 31.5 25.5 38.3

141 60.8 49.5 74.3

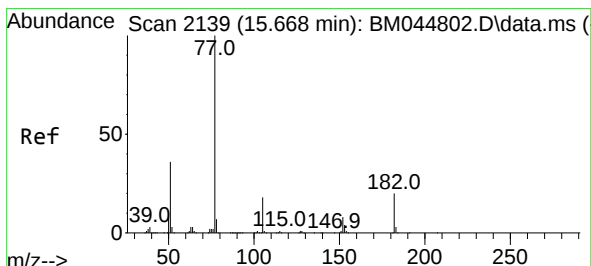
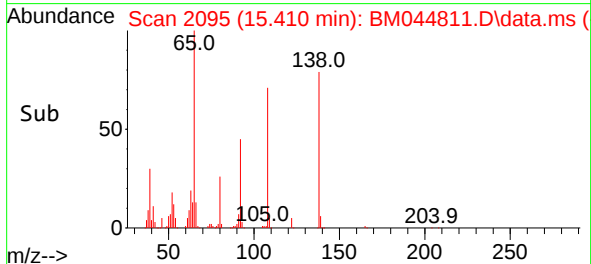
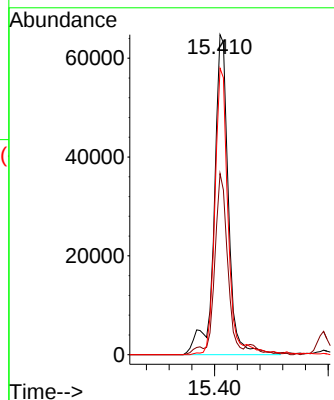
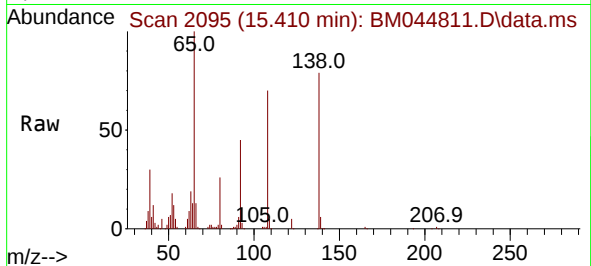




#62
4-Nitroaniline
Concen: 41.325 ng
RT: 15.410 min Scan# 2096
Delta R.T. -0.006 min
Lab File: BM044811.D
Acq: 29 Mar 2024 11:17

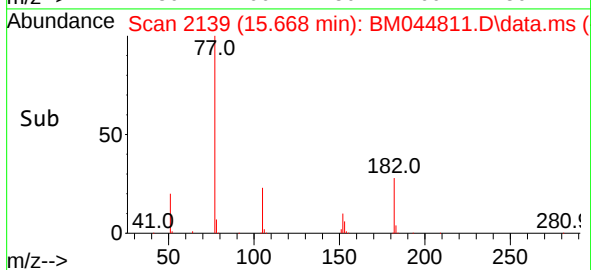
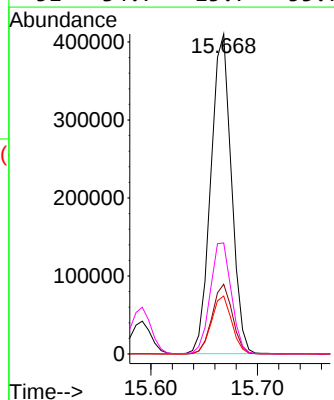
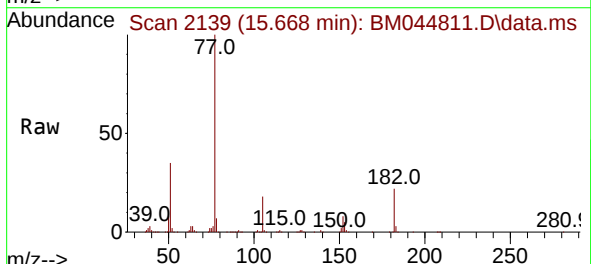
Instrument :
BNA_M
ClientSampleId :

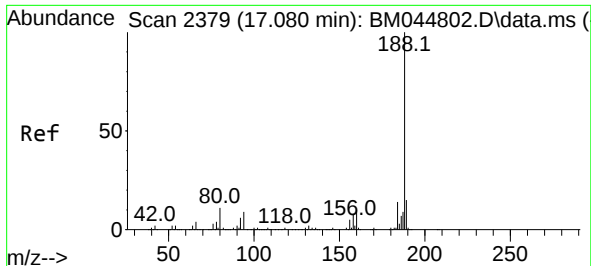
Tgt Ion:138 Resp: 112575
Ion Ratio Lower Upper
138 100
92 56.6 34.4 74.4
108 89.5 68.8 108.8



#63
Azobenzene
Concen: 45.606 ng
RT: 15.668 min Scan# 2139
Delta R.T. 0.000 min
Lab File: BM044811.D
Acq: 29 Mar 2024 11:17

Tgt Ion: 77 Resp: 548281
Ion Ratio Lower Upper
77 100
182 21.8 0.3 40.3
105 18.1 0.0 38.4
51 34.7 15.7 55.7

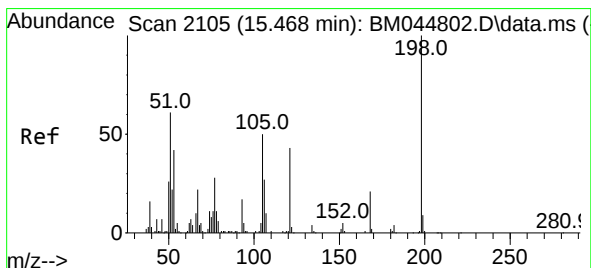
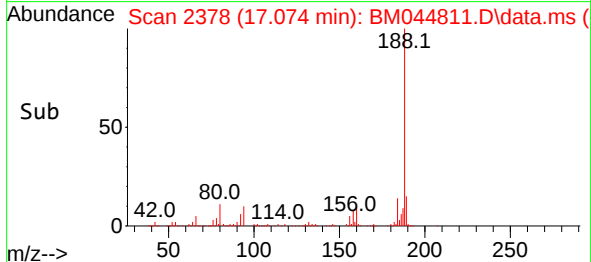
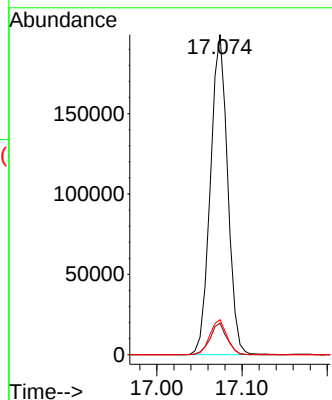
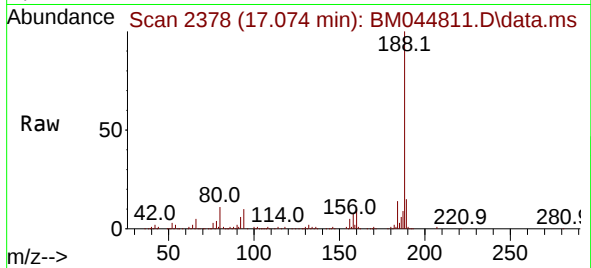




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.074 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM044811.D
Acq: 29 Mar 2024 11:17

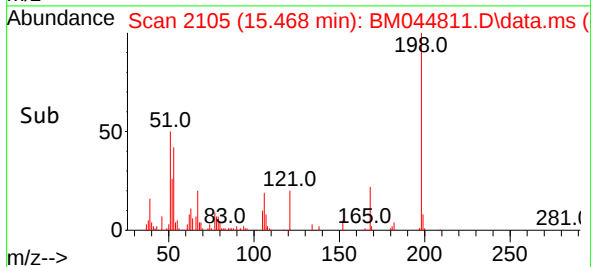
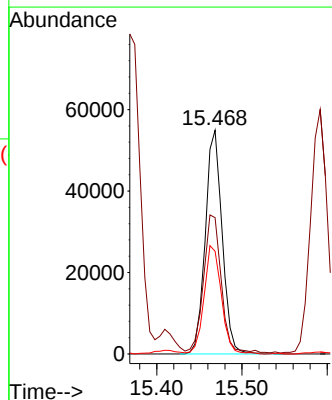
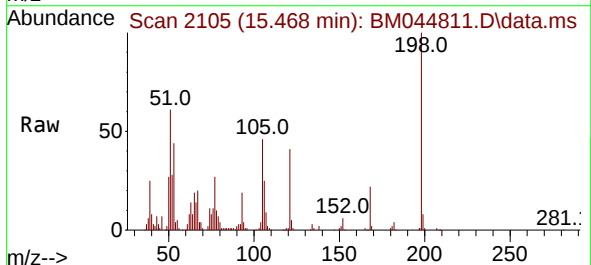
Instrument :
BNA_M
ClientSampleId :

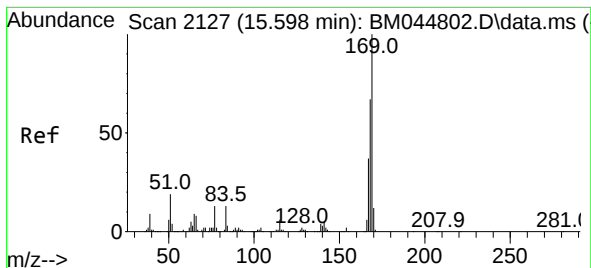
Tgt Ion:188 Resp: 279310
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.0
80 10.9 8.6 12.8



#65
4,6-Dinitro-2-methylphenol
Concen: 43.480 ng
RT: 15.468 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BM044811.D
Acq: 29 Mar 2024 11:17

Tgt Ion:198 Resp: 75578
Ion Ratio Lower Upper
198 100
51 61.0 44.2 84.2
105 45.9 30.9 70.9





#66

n-Nitrosodiphenylamine

Concen: 44.329 ng

RT: 15.592 min Scan# 21

Delta R.T. -0.006 min

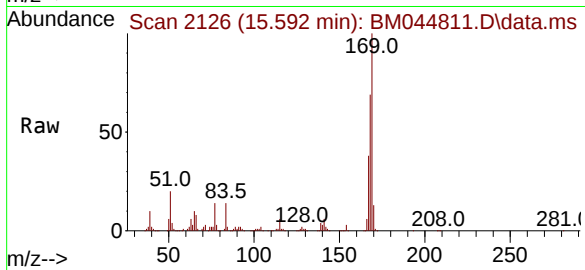
Lab File: BM044811.D

Acq: 29 Mar 2024 11:17

Instrument :

BNA_M

ClientSampleId :



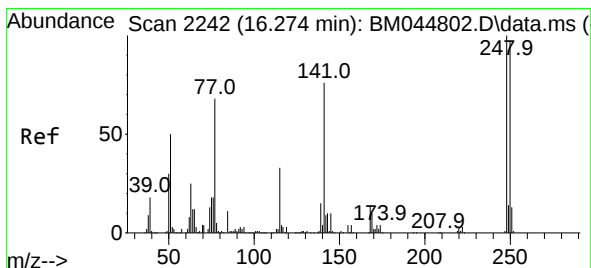
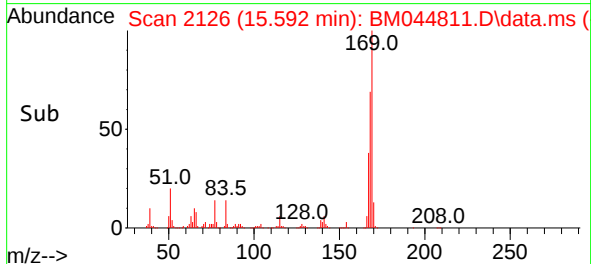
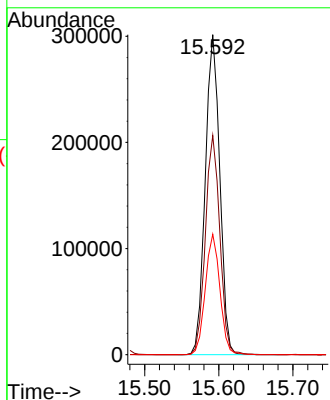
Tgt Ion:169 Resp: 410452

Ion Ratio Lower Upper

169 100

168 68.5 53.4 80.2

167 37.7 29.4 44.2



#67

4-Bromophenyl-phenylether

Concen: 44.585 ng

RT: 16.268 min Scan# 2241

Delta R.T. -0.006 min

Lab File: BM044811.D

Acq: 29 Mar 2024 11:17

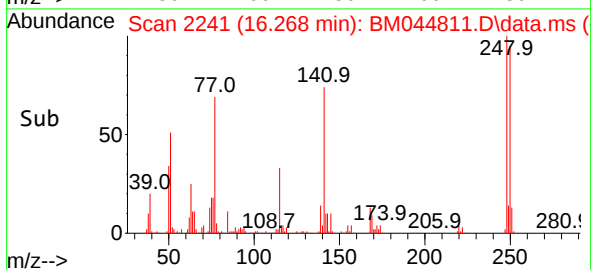
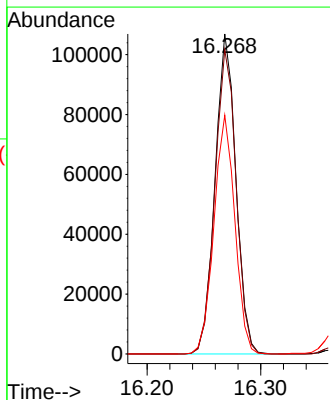
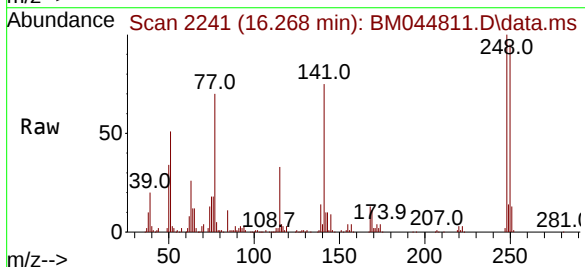
Tgt Ion:248 Resp: 136324

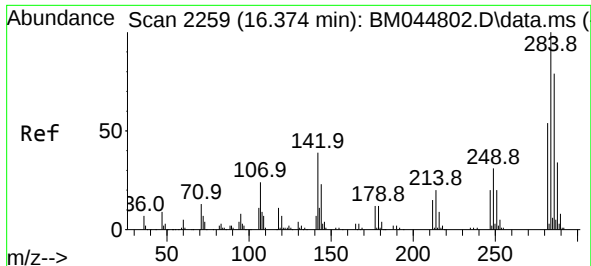
Ion Ratio Lower Upper

248 100

250 95.0 77.7 116.5

141 74.6 60.7 91.1

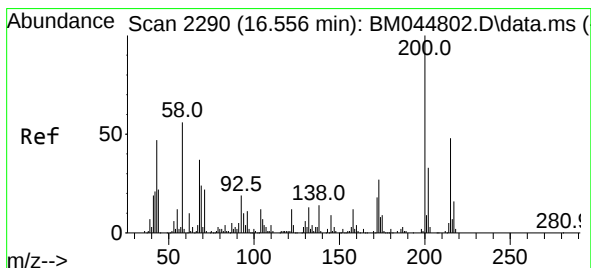
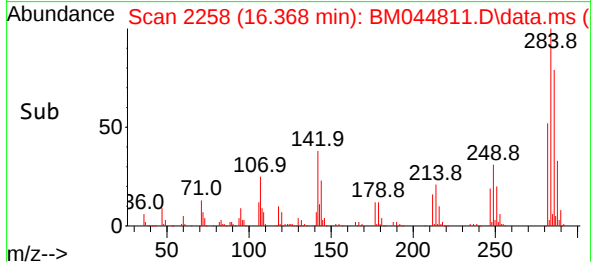
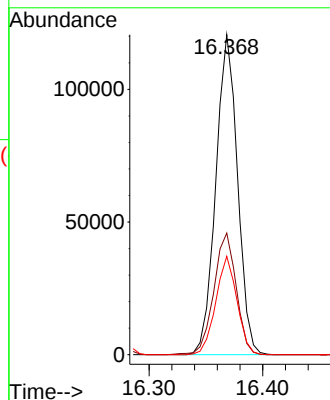
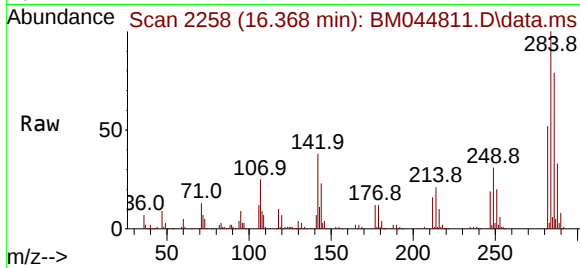




#68
Hexachlorobenzene
Concen: 48.447 ng
RT: 16.368 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM044811.D
Acq: 29 Mar 2024 11:17

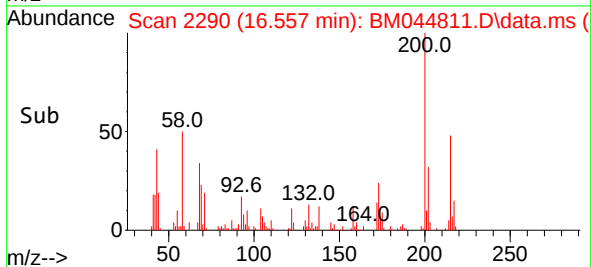
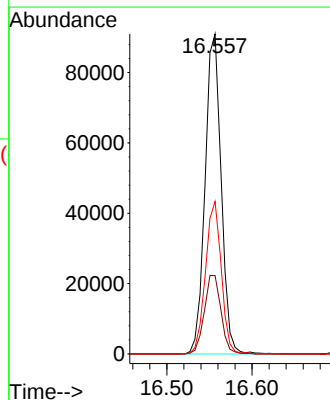
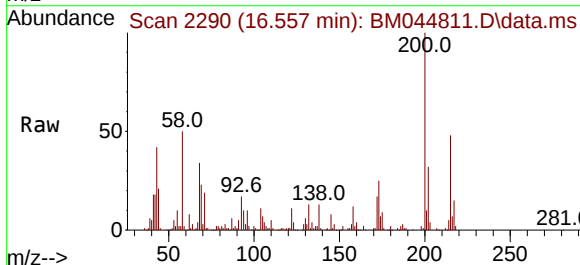
Instrument :
BNA_M
ClientSampleId :

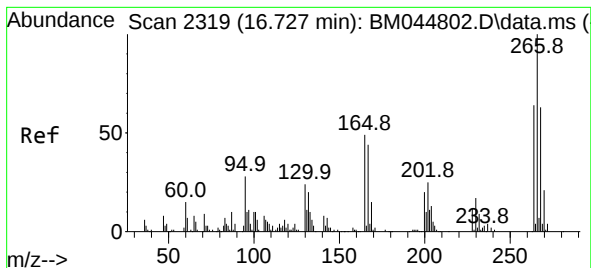
Tgt Ion:284 Resp: 160343
Ion Ratio Lower Upper
284 100
142 38.0 31.0 46.4
249 30.8 24.6 37.0



#69
Atrazine
Concen: 47.208 ng
RT: 16.557 min Scan# 2290
Delta R.T. 0.000 min
Lab File: BM044811.D
Acq: 29 Mar 2024 11:17

Tgt Ion:200 Resp: 119465
Ion Ratio Lower Upper
200 100
173 24.5 7.5 47.5
215 47.7 28.4 68.4





#70

Pentachlorophenol

Concen: 92.982 ng

RT: 16.721 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM044811.D

Acq: 29 Mar 2024 11:17

Instrument :

BNA_M

ClientSampleId :

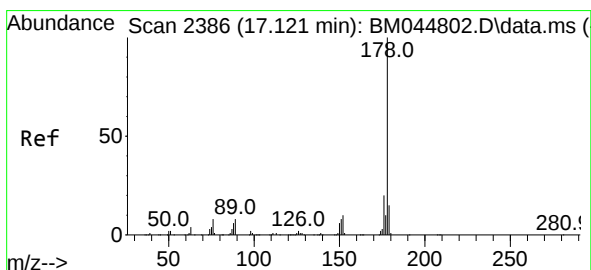
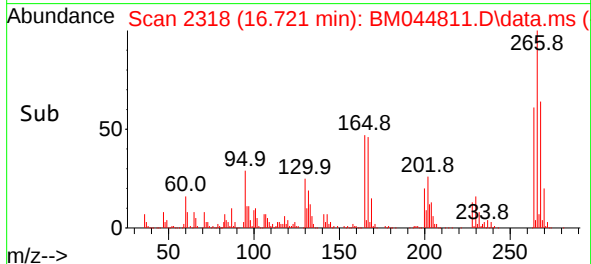
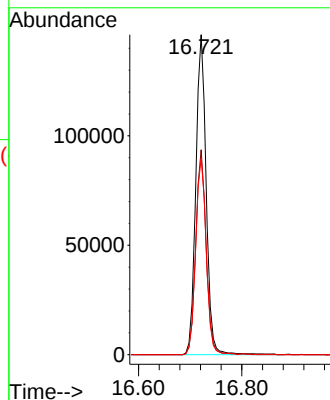
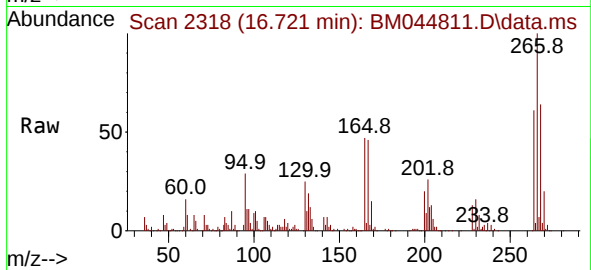
Tgt Ion:266 Resp: 203685

Ion Ratio Lower Upper

266 100

268 64.1 50.6 75.8

264 61.3 51.3 76.9



#71

Phenanthrene

Concen: 45.081 ng

RT: 17.115 min Scan# 2385

Delta R.T. -0.006 min

Lab File: BM044811.D

Acq: 29 Mar 2024 11:17

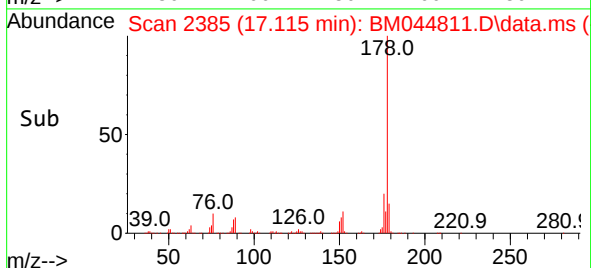
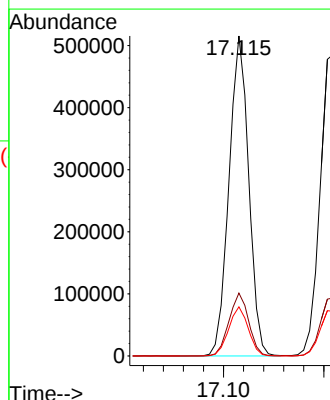
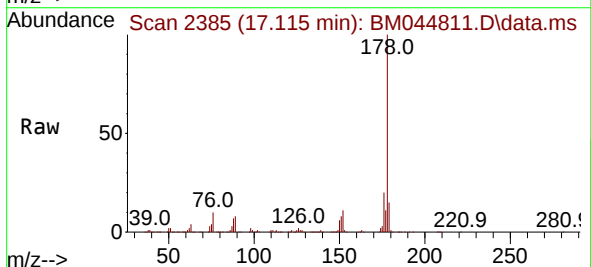
Tgt Ion:178 Resp: 702474

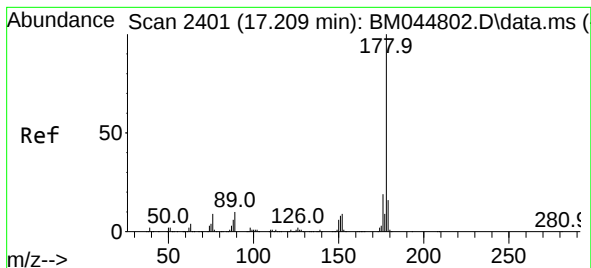
Ion Ratio Lower Upper

178 100

176 19.7 16.0 24.0

179 15.4 12.2 18.2





#72

Anthracene

Concen: 44.526 ng

RT: 17.209 min Scan# 2401

Delta R.T. 0.000 min

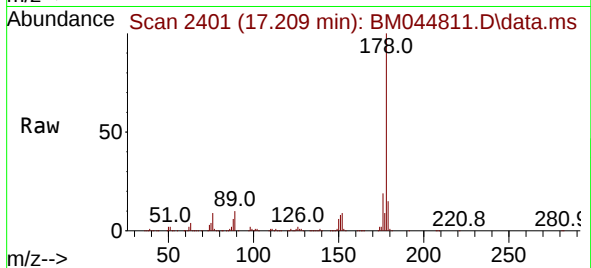
Lab File: BM044811.D

Acq: 29 Mar 2024 11:17

Instrument :

BNA_M

ClientSampleId :



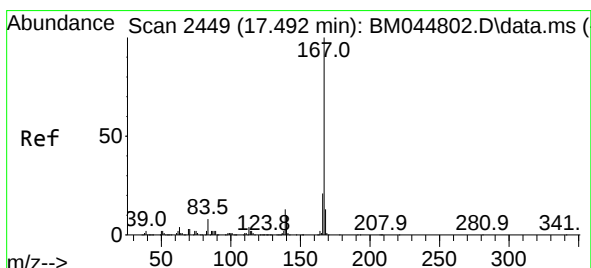
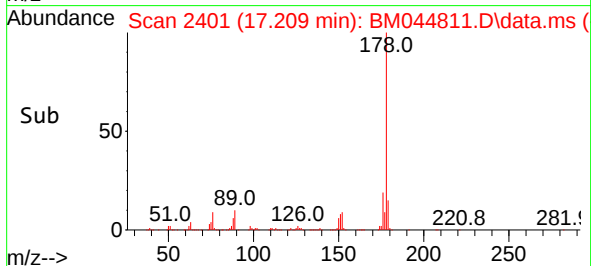
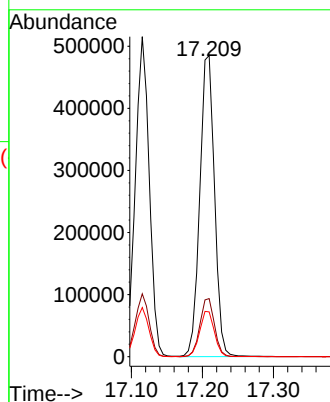
Tgt Ion:178 Resp: 700813

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

179 14.9 12.8 19.2



#73

Carbazole

Concen: 45.820 ng

RT: 17.486 min Scan# 2448

Delta R.T. -0.006 min

Lab File: BM044811.D

Acq: 29 Mar 2024 11:17

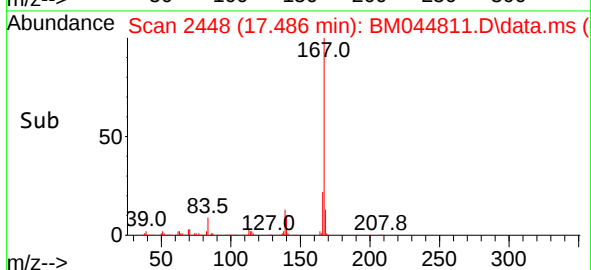
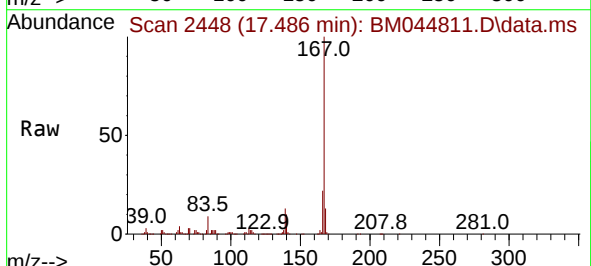
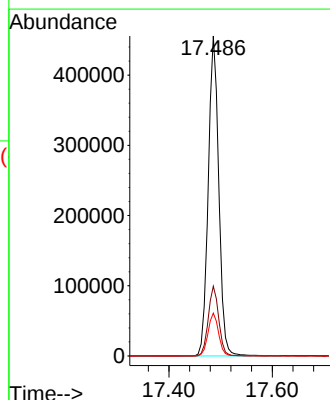
Tgt Ion:167 Resp: 643972

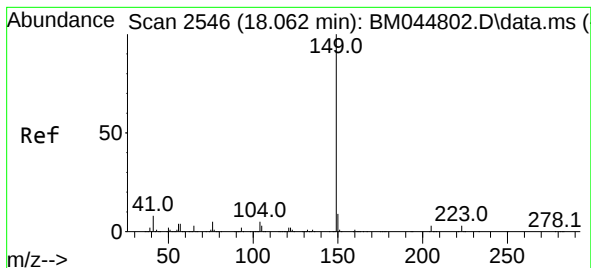
Ion Ratio Lower Upper

167 100

166 21.8 17.0 25.6

139 13.4 10.6 16.0





#74

Di-n-butylphthalate

Concen: 46.865 ng

RT: 18.056 min Scan# 2

Delta R.T. -0.006 min

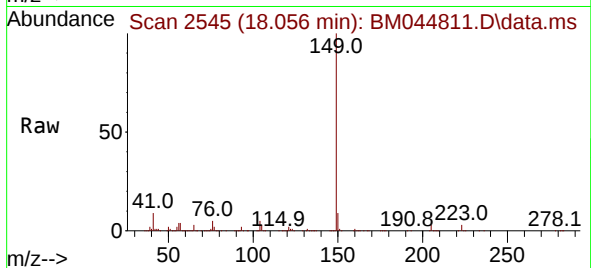
Lab File: BM044811.D

Acq: 29 Mar 2024 11:17

Instrument :

BNA_M

ClientSampleId :



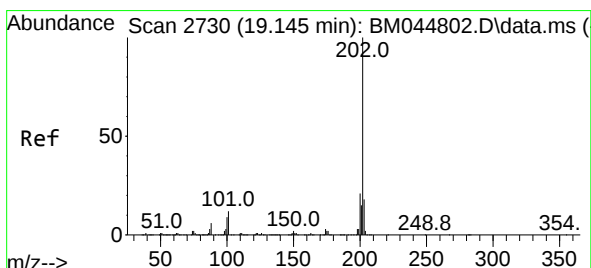
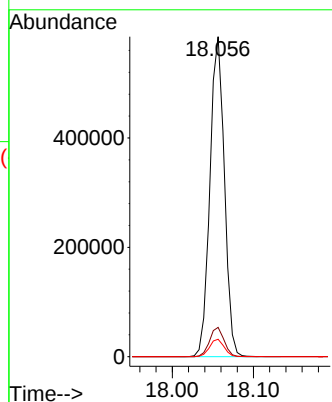
Tgt Ion:149 Resp: 723358

Ion	Ratio	Lower	Upper
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149	100		
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150	9.1	7.1	10.7
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104	5.5	4.2	6.4
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#75

Fluoranthene

Concen: 45.693 ng

RT: 19.139 min Scan# 2729

Delta R.T. -0.006 min

Lab File: BM044811.D

Acq: 29 Mar 2024 11:17

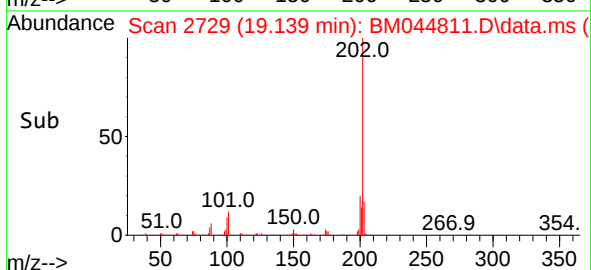
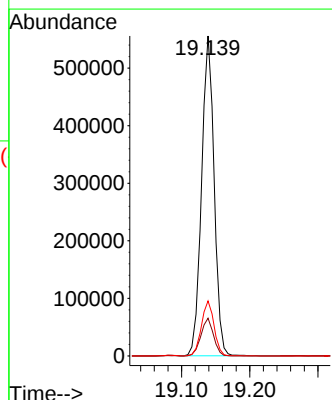
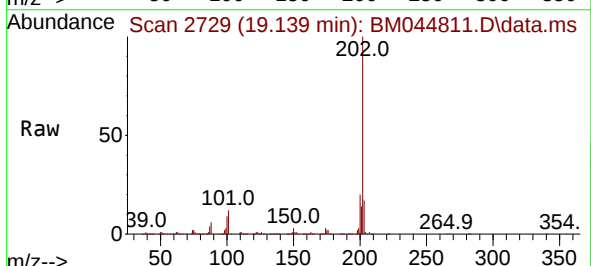
Tgt Ion:202 Resp: 710725

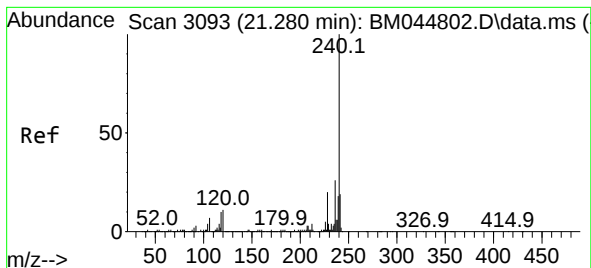
Ion	Ratio	Lower	Upper
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202	100		
-----	-----	--	--

101	11.8	0.0	32.2
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203	17.2	0.0	37.6
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#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.274 min Scan# 30

Delta R.T. -0.006 min

Lab File: BM044811.D

Acq: 29 Mar 2024 11:17

Instrument :

BNA_M

ClientSampleId :

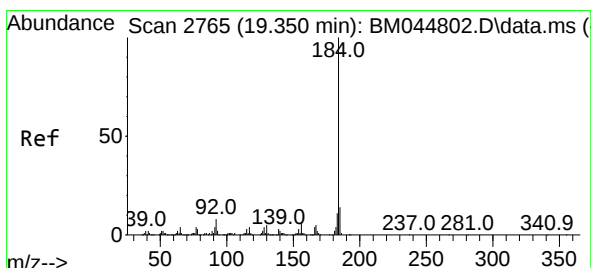
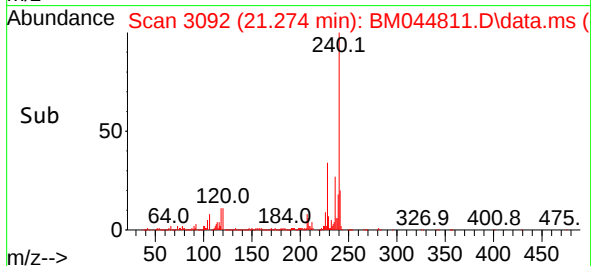
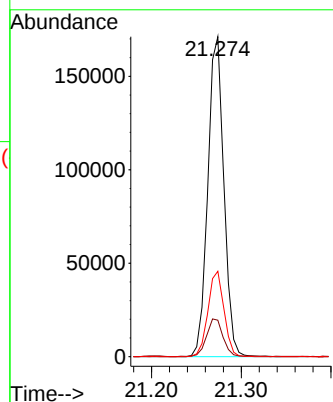
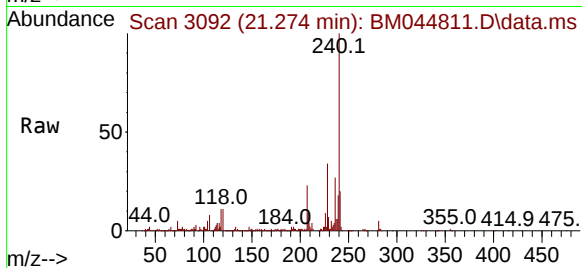
Tgt Ion:240 Resp: 212382

Ion Ratio Lower Upper

240 100

120 11.4 8.6 12.8

236 26.7 20.8 31.2



#77

Benzidine

Concen: 32.230 ng

RT: 19.345 min Scan# 2764

Delta R.T. -0.006 min

Lab File: BM044811.D

Acq: 29 Mar 2024 11:17

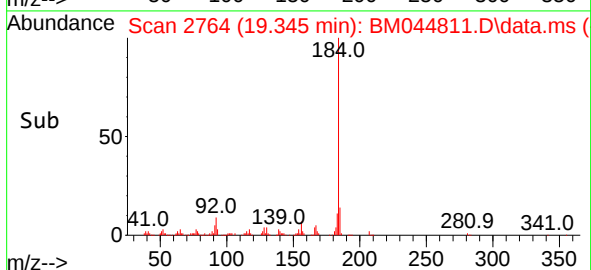
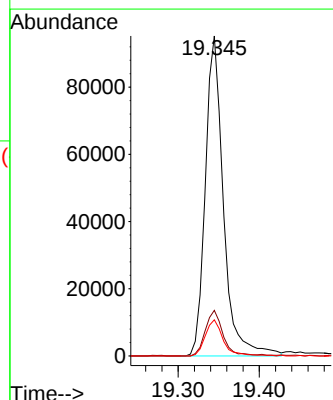
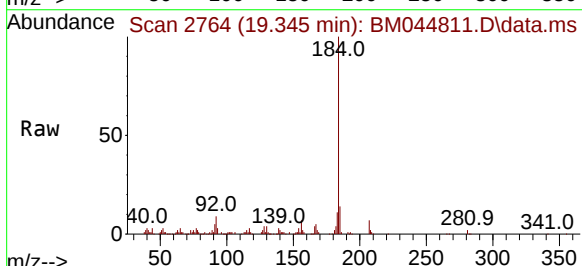
Tgt Ion:184 Resp: 147591

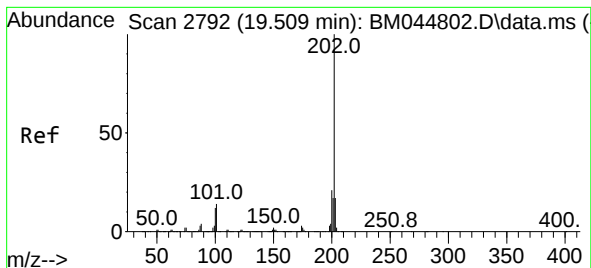
Ion Ratio Lower Upper

184 100

185 14.3 11.2 16.8

183 11.3 9.0 13.6





#78

Pyrene

Concen: 44.124 ng

RT: 19.503 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM044811.D

Acq: 29 Mar 2024 11:17

Instrument :

BNA_M

ClientSampleId :

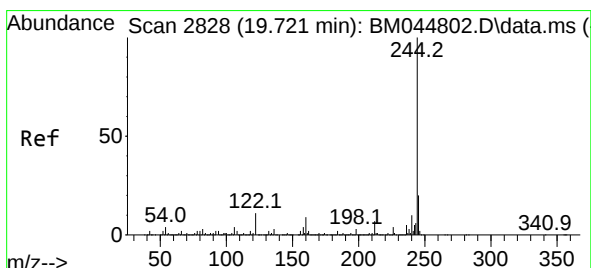
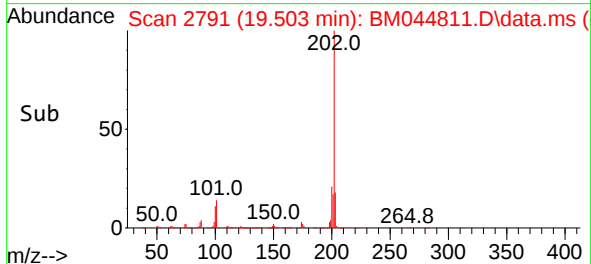
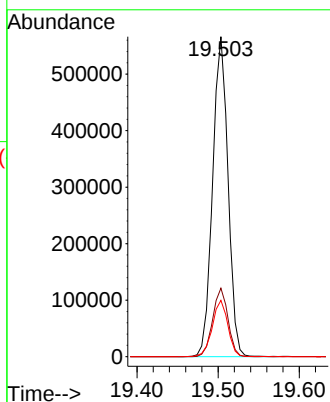
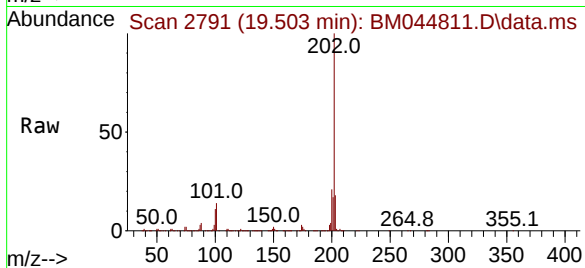
Tgt Ion:202 Resp: 746745

Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.4

203 17.6 13.9 20.9



#79

Terphenyl-d14

Concen: 89.200 ng

RT: 19.715 min Scan# 2827

Delta R.T. -0.006 min

Lab File: BM044811.D

Acq: 29 Mar 2024 11:17

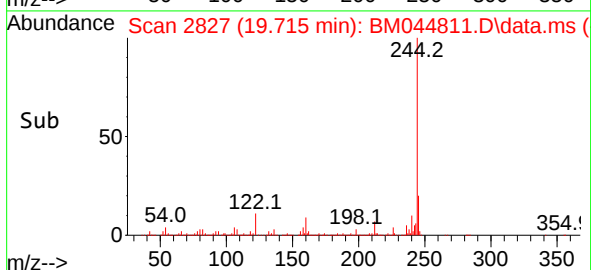
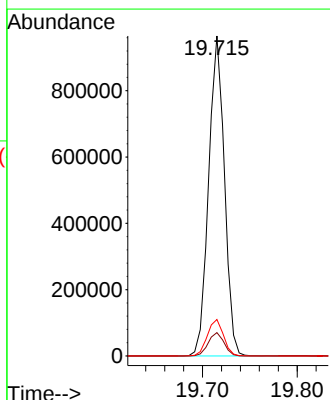
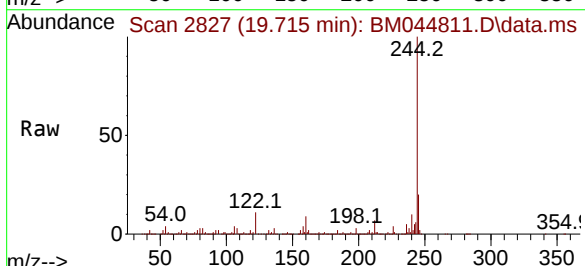
Tgt Ion:244 Resp: 1117866

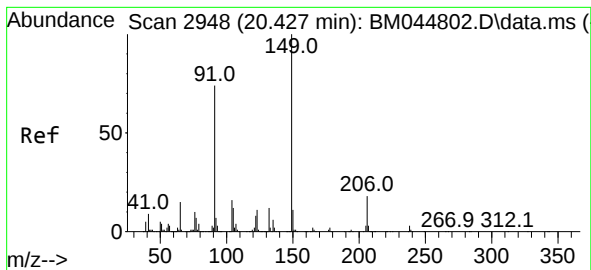
Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 11.4 8.8 13.2





#80

Butylbenzylphthalate

Concen: 45.536 ng

RT: 20.421 min Scan# 2947

Delta R.T. -0.006 min

Lab File: BM044811.D

Acq: 29 Mar 2024 11:17

Instrument :

BNA_M

ClientSampleId :

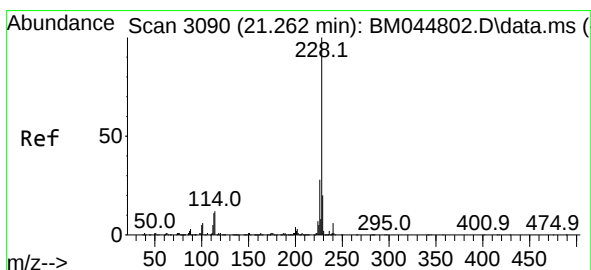
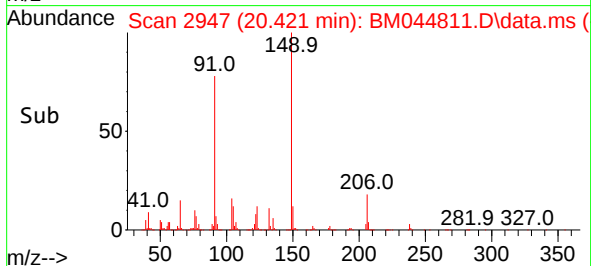
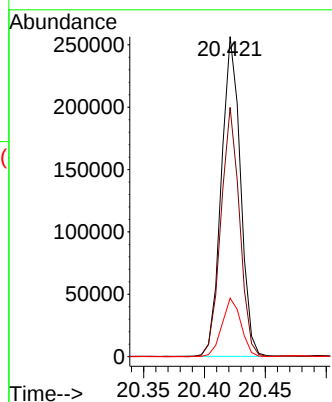
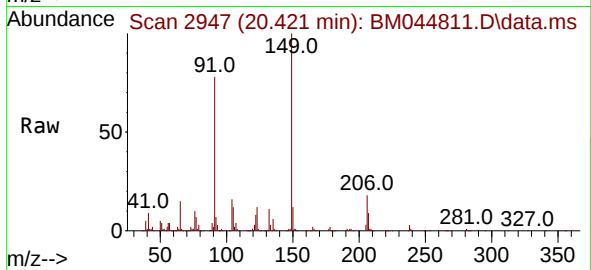
Tgt Ion:149 Resp: 280276

Ion Ratio Lower Upper

149 100

91 77.9 59.5 89.3

206 18.3 14.6 21.8



#81

Benzo(a)anthracene

Concen: 45.537 ng

RT: 21.256 min Scan# 3089

Delta R.T. -0.006 min

Lab File: BM044811.D

Acq: 29 Mar 2024 11:17

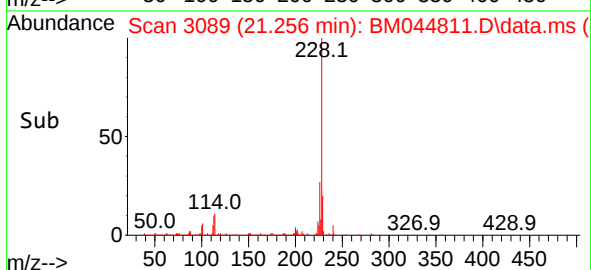
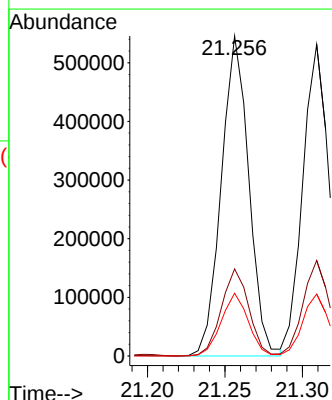
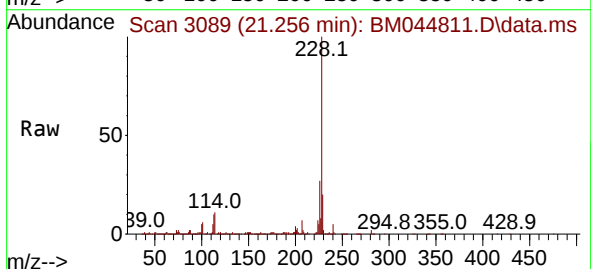
Tgt Ion:228 Resp: 674144

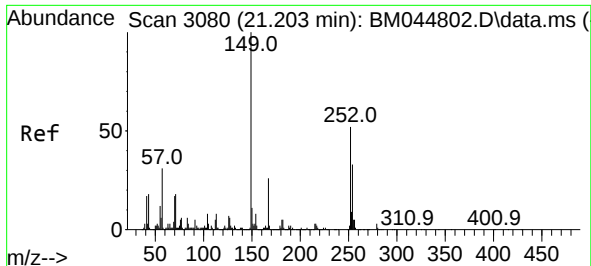
Ion Ratio Lower Upper

228 100

226 27.2 22.1 33.1

229 19.6 15.8 23.8

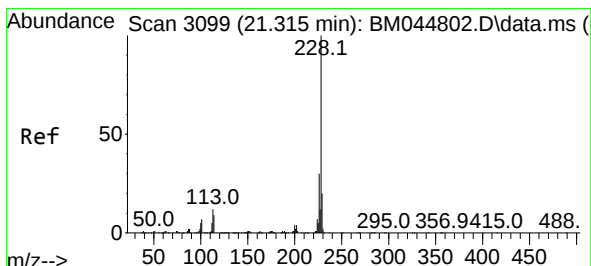
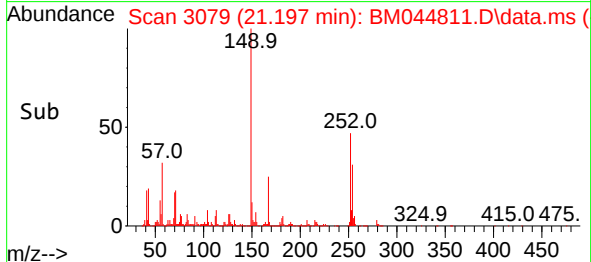
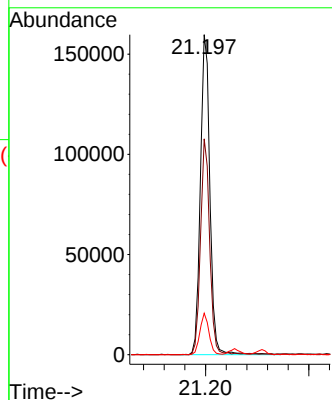
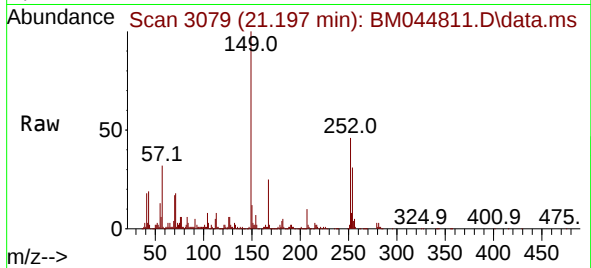




#82
 3,3'-Dichlorobenzidine
 Concen: 39.750 ng
 RT: 21.197 min Scan# 3080
 Delta R.T. -0.006 min
 Lab File: BM044811.D
 Acq: 29 Mar 2024 11:17

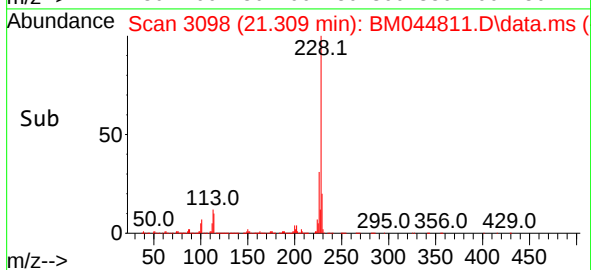
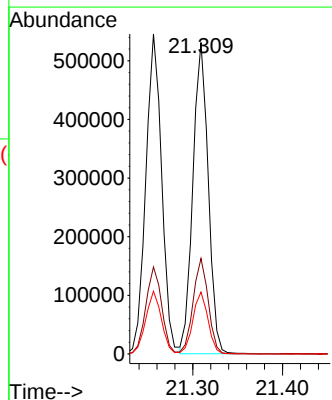
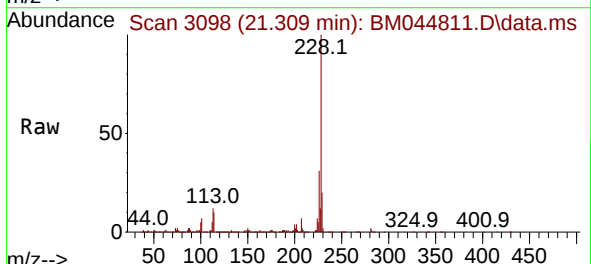
Instrument :
 BNA_M
 ClientSampleId :

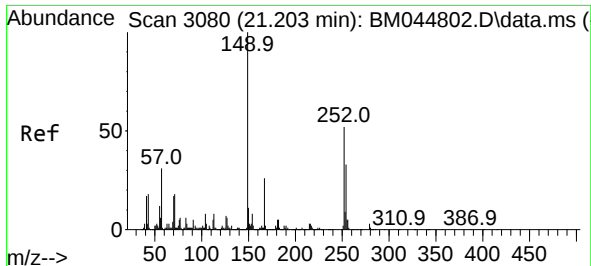
Tgt Ion:252 Resp: 204057
 Ion Ratio Lower Upper
 252 100
 254 67.5 51.0 76.4
 126 13.0 10.0 15.0



#83
 Chrysene
 Concen: 44.437 ng
 RT: 21.309 min Scan# 3098
 Delta R.T. -0.006 min
 Lab File: BM044811.D
 Acq: 29 Mar 2024 11:17

Tgt Ion:228 Resp: 630504
 Ion Ratio Lower Upper
 228 100
 226 30.6 23.7 35.5
 229 19.9 15.7 23.5

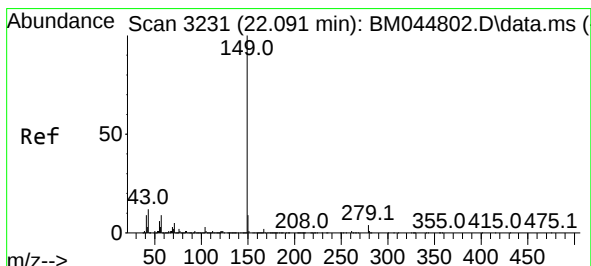
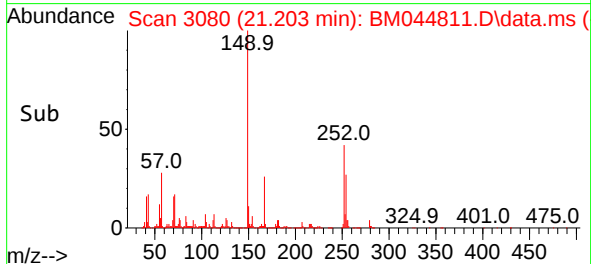
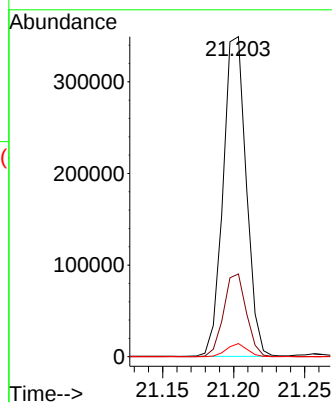
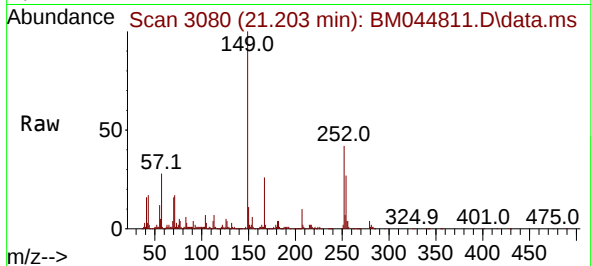




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.085 ng
 RT: 21.203 min Scan# 3080
 Delta R.T. 0.000 min
 Lab File: BM044811.D
 Acq: 29 Mar 2024 11:17

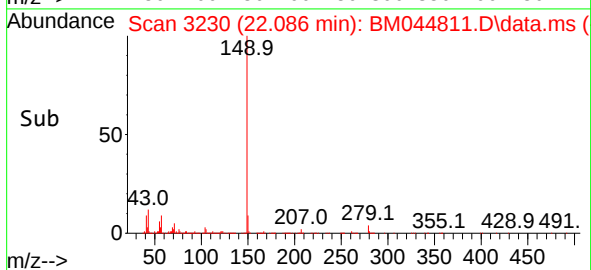
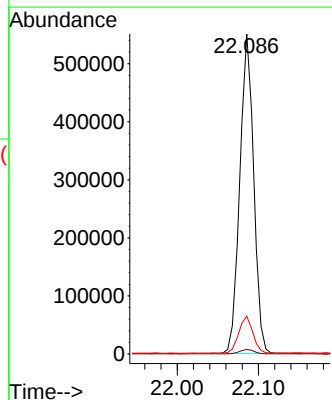
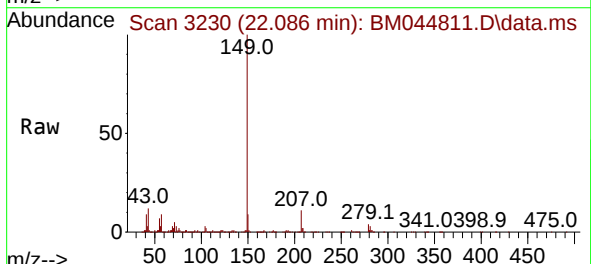
Instrument :
 BNA_M
 ClientSampleId :

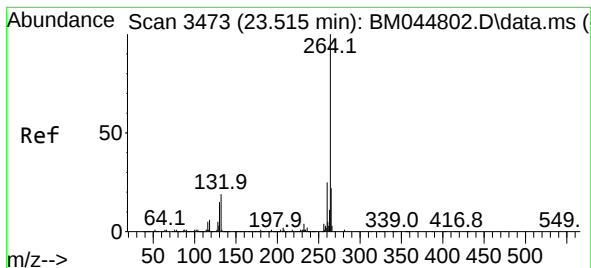
Tgt Ion:149 Resp: 395028
 Ion Ratio Lower Upper
 149 100
 167 25.9 20.5 30.7
 279 4.1 2.7 4.1#



#85
 Di-n-octyl phthalate
 Concen: 45.905 ng
 RT: 22.086 min Scan# 3230
 Delta R.T. -0.006 min
 Lab File: BM044811.D
 Acq: 29 Mar 2024 11:17

Tgt Ion:149 Resp: 651715
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.3 1.9
 43 11.9 9.3 13.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.503 min Scan# 34

Delta R.T. -0.012 min

Lab File: BM044811.D

Acq: 29 Mar 2024 11:17

Instrument :

BNA_M

ClientSampleId :

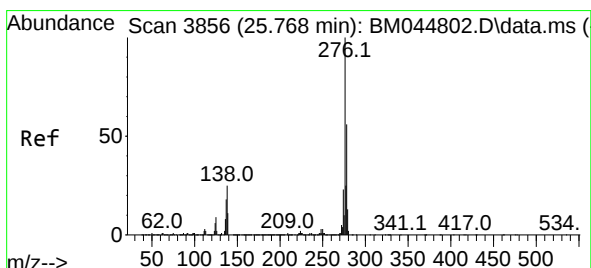
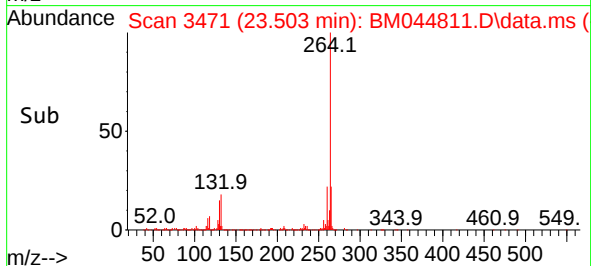
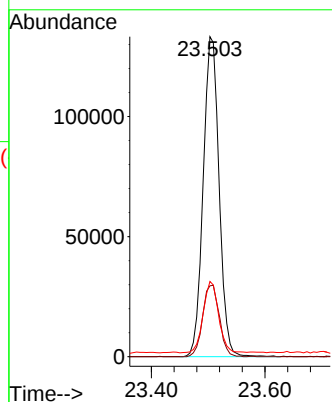
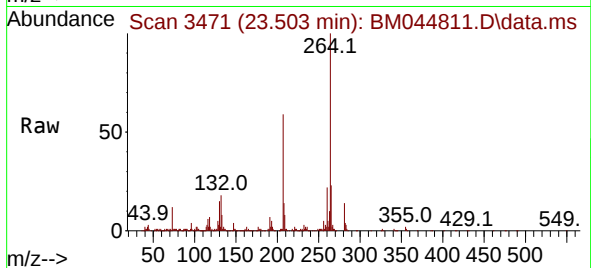
Tgt Ion:264 Resp: 258213

Ion Ratio Lower Upper

264 100

260 22.2 19.7 29.5

265 23.5 18.9 28.3



#87

Indeno(1,2,3-cd)pyrene

Concen: 51.201 ng

RT: 25.762 min Scan# 3855

Delta R.T. -0.006 min

Lab File: BM044811.D

Acq: 29 Mar 2024 11:17

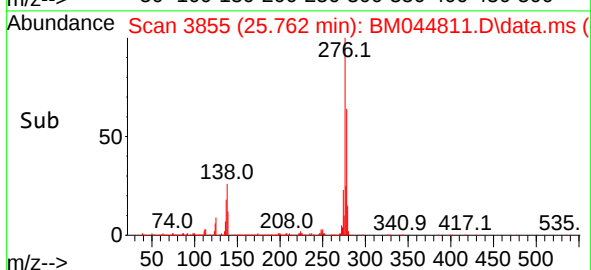
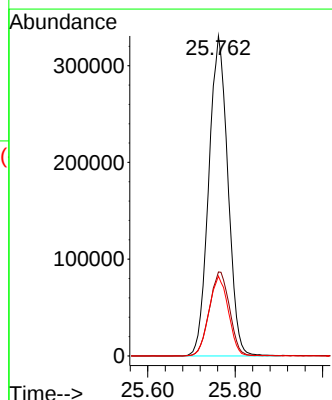
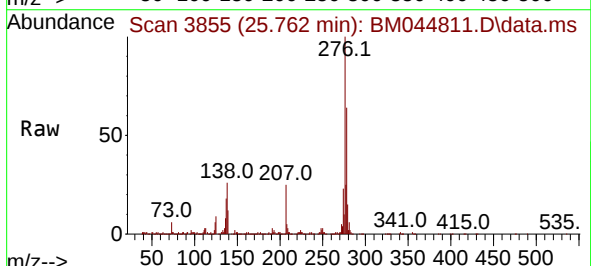
Tgt Ion:276 Resp: 1004269

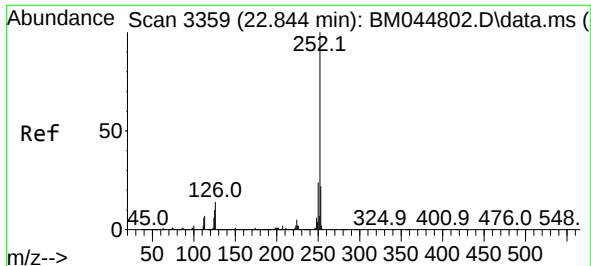
Ion Ratio Lower Upper

276 100

138 27.9 22.2 33.2

277 25.3 20.2 30.4

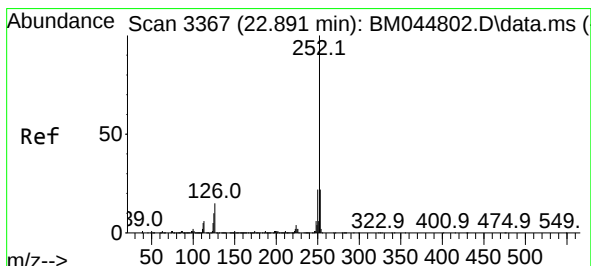
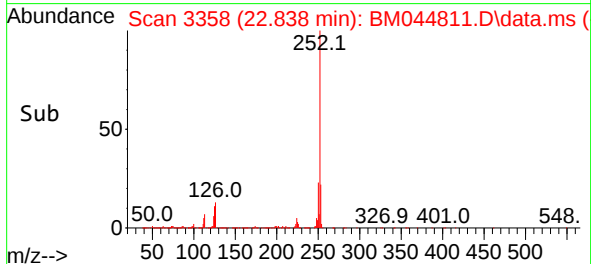
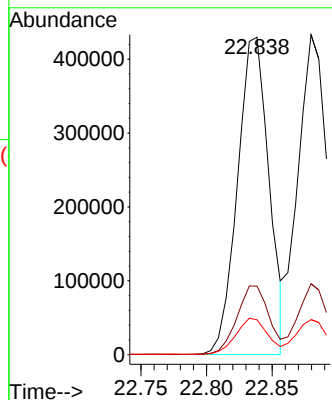
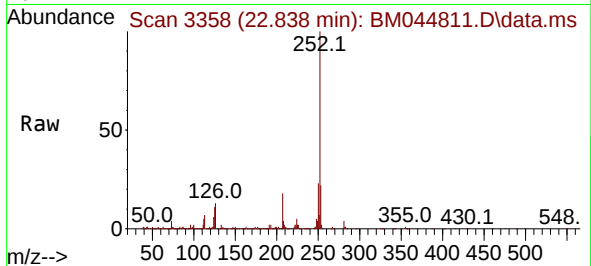




#88
Benzo(b)fluoranthene
Concen: 49.092 ng
RT: 22.838 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM044811.D
Acq: 29 Mar 2024 11:17

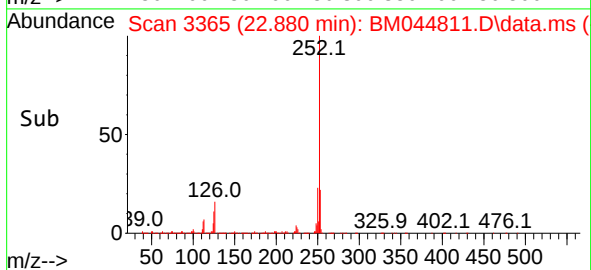
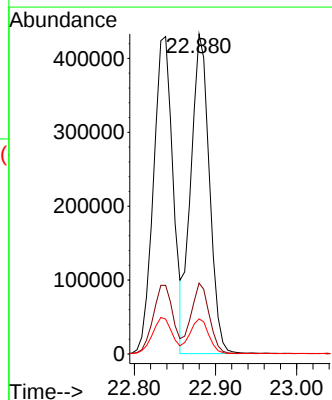
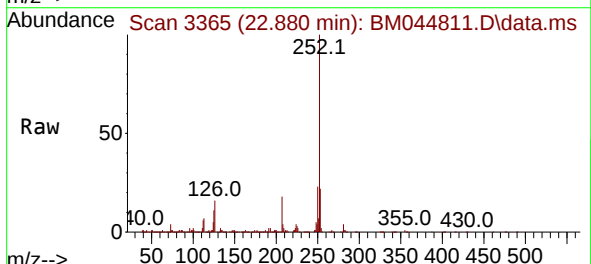
Instrument :
BNA_M
ClientSampleId :

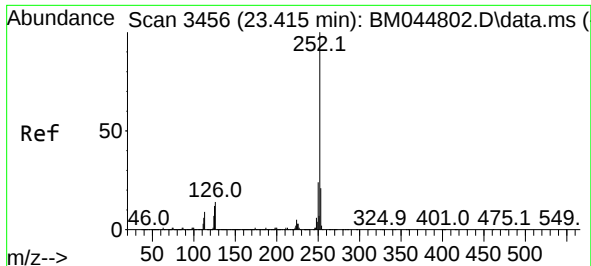
Tgt Ion:252 Resp: 718310
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 11.0 8.6 12.8



#89
Benzo(k)fluoranthene
Concen: 46.794 ng
RT: 22.880 min Scan# 3365
Delta R.T. -0.012 min
Lab File: BM044811.D
Acq: 29 Mar 2024 11:17

Tgt Ion:252 Resp: 687537
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 11.0 8.3 12.5

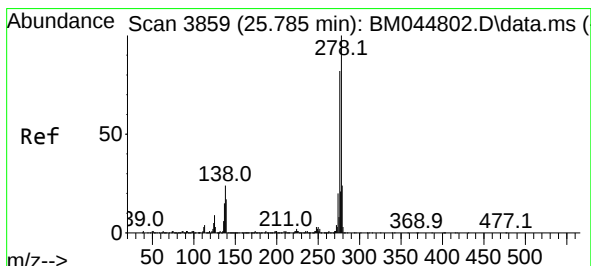
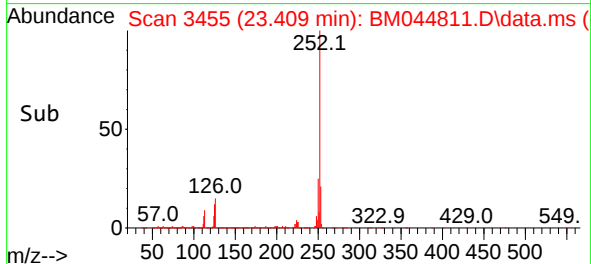
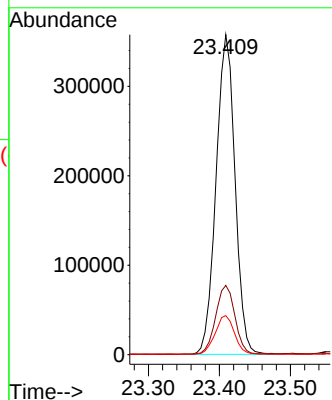
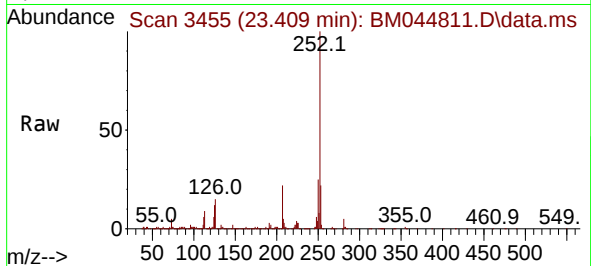




#90
Benzo(a)pyrene
Concen: 44.537 ng
RT: 23.409 min Scan# 3456
Delta R.T. -0.006 min
Lab File: BM044811.D
Acq: 29 Mar 2024 11:17

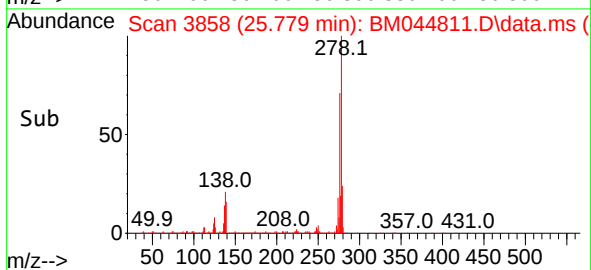
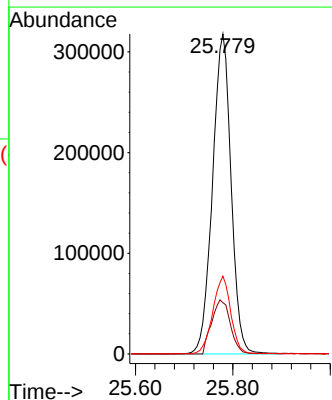
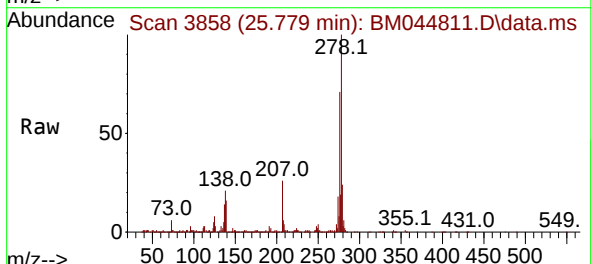
Instrument :
BNA_M
ClientSampleId :

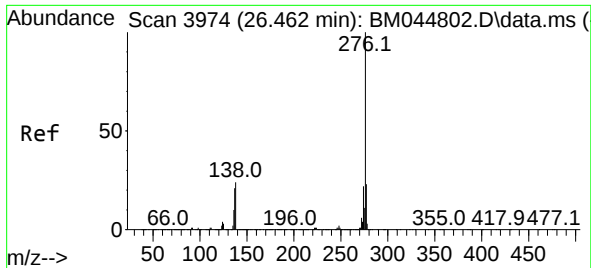
Tgt Ion:252 Resp: 661335
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 12.2 9.8 14.8



#91
Dibenzo(a,h)anthracene
Concen: 51.676 ng
RT: 25.779 min Scan# 3858
Delta R.T. -0.006 min
Lab File: BM044811.D
Acq: 29 Mar 2024 11:17

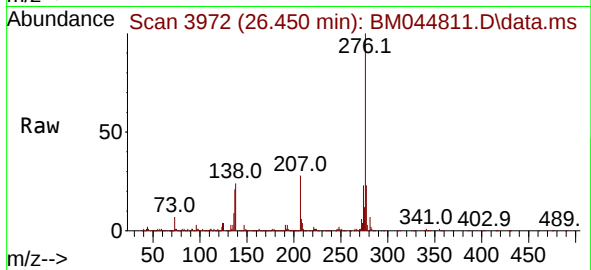
Tgt Ion:278 Resp: 839450
Ion Ratio Lower Upper
278 100
139 16.0 13.6 20.4
279 24.3 19.6 29.4





#92
 Benzo(g,h,i)perylene
 Concen: 50.409 ng
 RT: 26.450 min Scan# 3972
 Delta R.T. -0.012 min
 Lab File: BM044811.D
 Acq: 29 Mar 2024 11:17

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion: 276 Resp: 851994

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.6	28.0
138	24.2	19.2	28.8

