

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
 Data File : BM047865.D
 Acq On : 05 Oct 2024 06:51
 Operator : RC/JU
 Sample : PB163918BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 05 23:03:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 04 08:32:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	216805	20.000	ng/u1	0.00
20) Naphthalene-d8	10.592	136	884765	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.433	164	539077	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.168	188	1078315	20.000	ng/u1	0.00
79) Chrysene-d12	21.398	240	1066879	20.000	ng/u1	0.00
88) Perylene-d12	24.392	264	1152982	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	30147	4.494	ng/uL	0.00
4) Pyridine-d5	3.663	84	436113	22.201	ng/u1	0.00
7) Phenol-d5	6.963	99	502479	24.510	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	317751	21.842	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	415792	27.876	ng/u1	0.00
15) 4-Methylphenol-d8	8.504	113	386112	25.331	ng/u1	0.00
21) Nitrobenzene-d5	8.951	128	194162	27.562	ng/u1	0.00
24) 2-Nitrophenol-d4	9.675	143	196007	29.035	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	389613	28.891	ng/u1	0.00
31) 4-Chloroaniline-d4	10.722	131	532067	25.520	ng/u1	0.00
46) Dimethylphthalate-d6	13.839	166	1119164	28.635	ng/u1	0.00
49) Acenaphthylene-d8	14.128	160	1297458	27.999	ng/u1	0.00
54) 4-Nitrophenol-d4	14.627	143	221566	28.473	ng/u1	0.00
60) Fluorene-d10	15.422	176	963161	28.451	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	175092	27.748	ng/u1	0.00
73) Anthracene-d10	17.268	188	1469986	27.724	ng/u1	0.00
81) Pyrene-d10	19.557	212	1707368	28.197	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.186	264	1695196	28.337	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	72225	9.856	ng/uL	92
5) Pyridine	3.681	79	449201	21.721	ng/u1	94
6) Benzaldehyde	6.934	77	200271	17.963	ng/u1	98
8) Phenol	6.993	94	584996	26.818	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.222	93	457727	26.334	ng/u1	92
12) 2-Chlorophenol	7.363	128	472306	29.890	ng/u1	93
13) 2-Methylphenol	8.240	108	421520	27.712	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.322	45	704487	21.530	ng/u1	96
16) Acetophenone	8.616	105	700504	26.859	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.604	70	356467	25.805	ng/u1	91
18) 4-Methylphenol	8.569	108	472795	27.660	ng/u1	96
19) Hexachloroethane	8.881	117	202714	28.541	ng/u1	92
22) Nitrobenzene	8.993	77	517912	25.881	ng/u1	93
23) Isophorone	9.522	82	977907	27.318	ng/u1	96
25) 2-Nitrophenol	9.704	139	246732	31.948	ng/u1	88
26) 2,4-Dimethylphenol	9.769	107	375289	22.678	ng/u1	92
27) Bis(2-Chloroethoxy)met...	9.998	93	604031	27.588	ng/u1	98
29) 2,4-Dichlorophenol	10.240	162	434686	31.216	ng/u1	98
30) Naphthalene	10.640	128	1466036	28.807	ng/u1	99
32) 4-Chloroaniline	10.745	127	493021	24.016	ng/u1	100
33) Hexachlorobutadiene	10.934	225	266805	28.999	ng/u1	98
35) 4-Chloro-3-methylphenol	11.875	107	447704	31.059	ng/u1	96
36) 2-Methylnaphthalene	12.251	142	976713	30.205	ng/u1	98
37) 1-Methylnaphthalene	12.475	142	1010011	30.700	ng/u1	99

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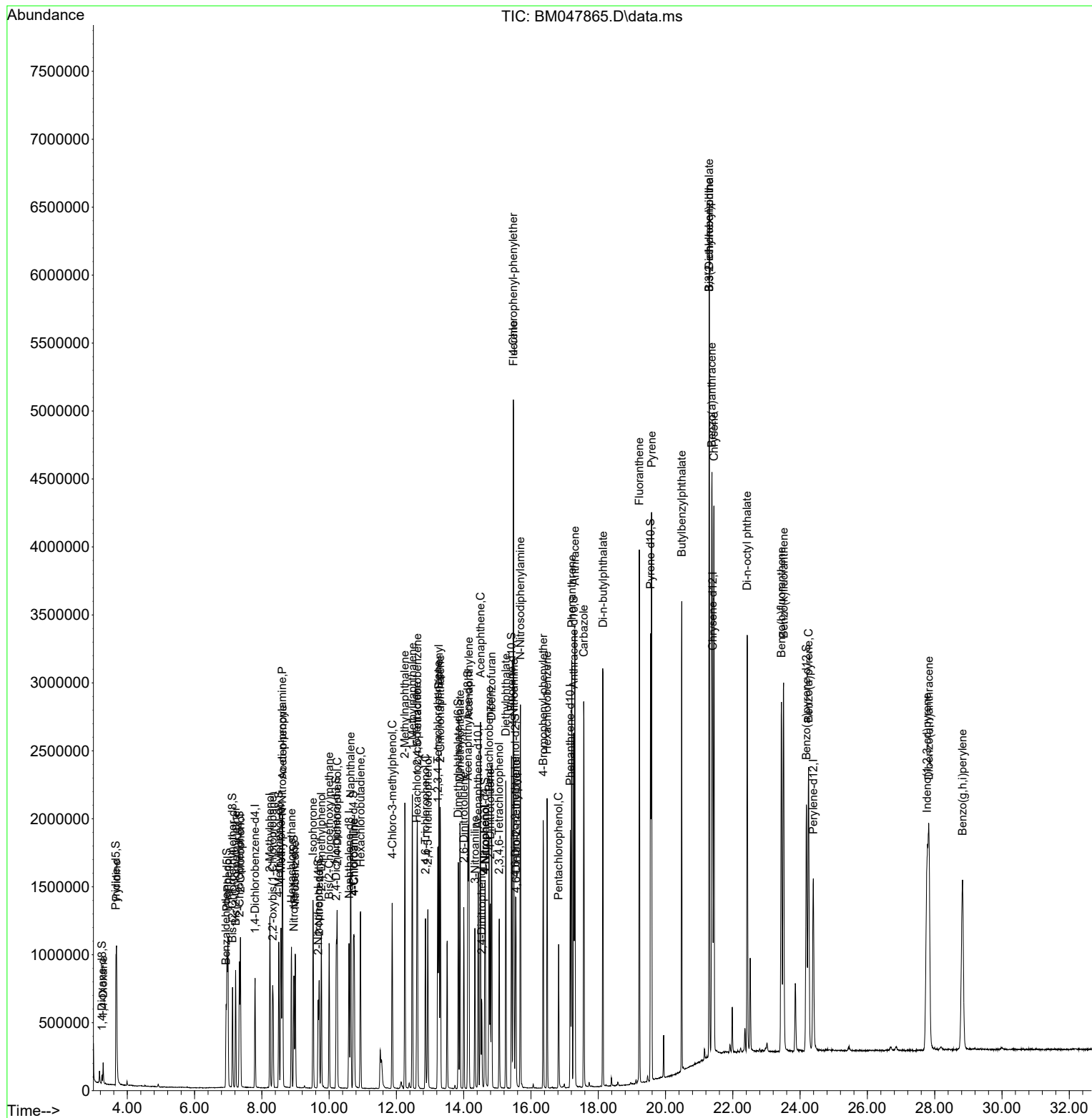
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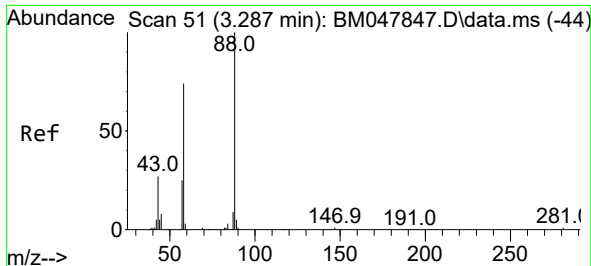
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 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 04 08:32:31 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.622	216	517342	29.481	ng/ul	95
40) Hexachlorocyclopentadiene	12.610	237	236846	22.315	ng/ul	99
41) 2,4,6-Trichlorophenol	12.863	196	281137	27.689	ng/ul	99
42) 2,4,5-Trichlorophenol	12.933	196	324692	29.244	ng/ul	96
43) 1,1'-Biphenyl	13.263	154	1291387	29.920	ng/ul	98
44) 2-Chloronaphthalene	13.304	162	994211	29.784	ng/ul	97
47) Dimethylphthalate	13.892	163	1237550	31.266	ng/ul	99
48) 2,6-Dinitrotoluene	14.004	165	235784	33.919	ng/ul	90
50) Acenaphthylene	14.151	152	1636804	31.321	ng/ul	99
51) 3-Nitroaniline	14.333	138	273306	32.485	ng/ul	90
52) Acenaphthene	14.498	153	1070522	28.979	ng/ul	97
53) 2,4-Dinitrophenol	14.533	184	123582	28.771	ng/ul#	83
55) 4-Nitrophenol	14.645	109	189932	29.071	ng/ul	87
56) Dibenzofuran	14.827	168	1521938	30.606	ng/ul	98
57) 2,4-Dinitrotoluene	14.792	165	359878	34.470	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	15.057	232	226630	25.895	ng/ul#	98
59) Diethylphthalate	15.251	149	1254242	31.670	ng/ul	99
61) Fluorene	15.480	166	1274115	30.711	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.474	204	606012	30.913	ng/ul	96
63) 4-Nitroaniline	15.492	138	302795	37.058	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.557	198	214735	30.711	ng/ul#	86
67) N-Nitrosodiphenylamine	15.686	169	1041007	30.981	ng/ul	100
68) 4-Bromophenyl-phenylether	16.363	248	351681	31.640	ng/ul	99
69) Hexachlorobenzene	16.480	284	417426	32.271	ng/ul	96
71) Pentachlorophenol	16.821	266	167570	20.373	ng/ul	98
72) Phenanthrene	17.216	178	1948855	30.819	ng/ul	100
74) Anthracene	17.304	178	1945324	30.161	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.233	216	535542	29.996	ng/uL	99
76) Pentachlorobenzene	14.751	250	452003	25.937	ng/uL	98
77) Carbazole	17.568	167	1812186	30.998	ng/ul	99
78) Di-n-butylphthalate	18.139	149	2191984	33.679	ng/ul	99
80) Fluoranthene	19.221	202	2238307	31.387	ng/ul	99
82) Pyrene	19.586	202	2448559	30.849	ng/ul	96
83) Butylbenzylphthalate	20.480	149	960103	34.215	ng/ul	88
84) 3,3'-Dichlorobenzidine	21.298	252	736096	32.652	ng/ul	99
85) Benzo(a)anthracene	21.374	228	2371301	31.744	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.298	149	1445446	34.309	ng/ul	99
87) Chrysene	21.439	228	2252864	30.936	ng/ul	99
89) Di-n-octyl phthalate	22.427	149	2457395	33.043	ng/ul	100
90) Benzo(b)fluoranthene	23.445	252	2300084	31.989	ng/ul	98
91) Benzo(k)fluoranthene	23.509	252	2332015	31.719	ng/ul	99
93) Benzo(a)pyrene	24.250	252	1974658	28.917	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.774	276	2705610	30.917	ng/ul	99
95) Dibenzo(a,h)anthracene	27.827	278	2226540	31.046	ng/ul	98
96) Benzo(g,h,i)perylene	28.827	276	2107101	30.731	ng/ul	98

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

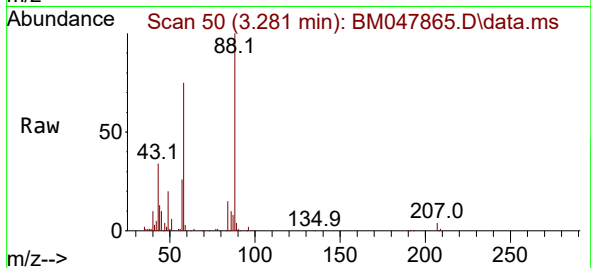
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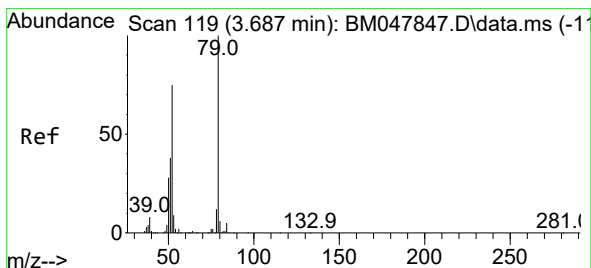
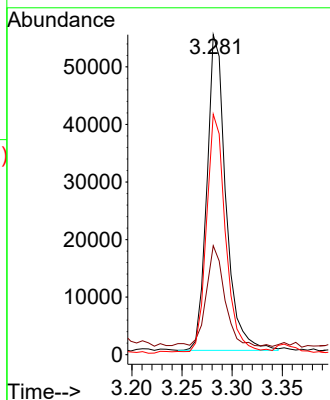
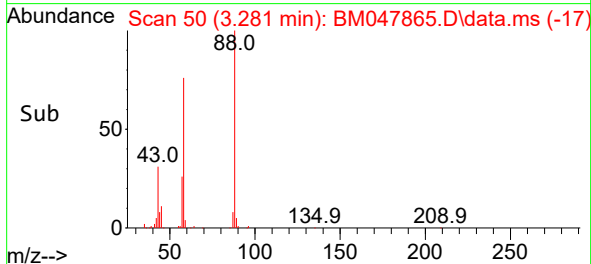


#2
1,4-Dioxane
Concen: 9.856 ng/uL
RT: 3.281 min Scan# 50
Delta R.T. -0.006 min
Lab File: BM047865.D
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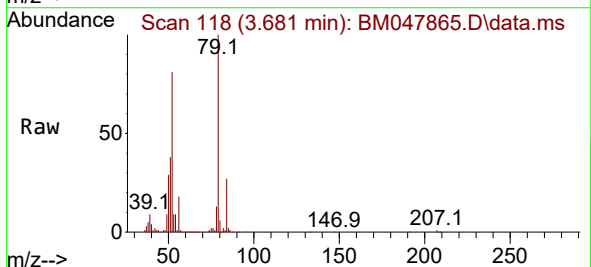
Instrument :
BNA_M
ClientSampleId :



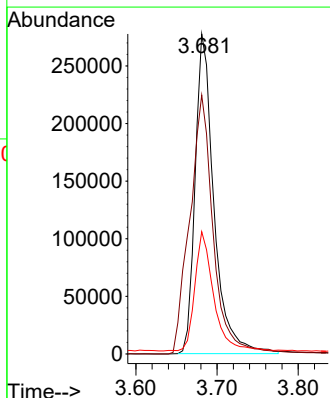
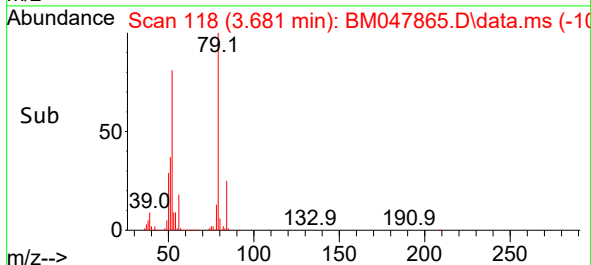
Tgt Ion: 88 Resp: 72225
Ion Ratio Lower Upper
88 100
43 34.1 29.1 43.7
58 75.2 67.7 101.5

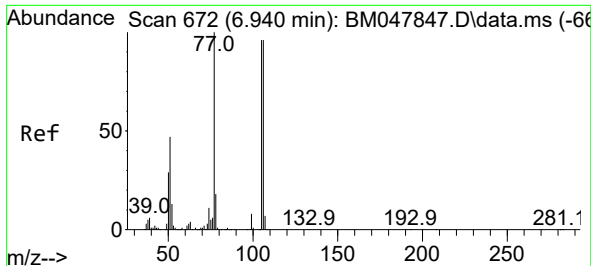


#5
Pyridine
Concen: 21.721 ng/uL
RT: 3.681 min Scan# 118
Delta R.T. -0.006 min
Lab File: BM047865.D
Acq: 05 Oct 2024 06:51



Tgt Ion: 79 Resp: 449201
Ion Ratio Lower Upper
79 100
52 80.9 69.4 104.2
51 38.2 32.6 49.0

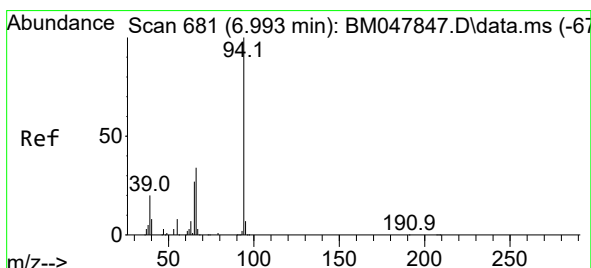
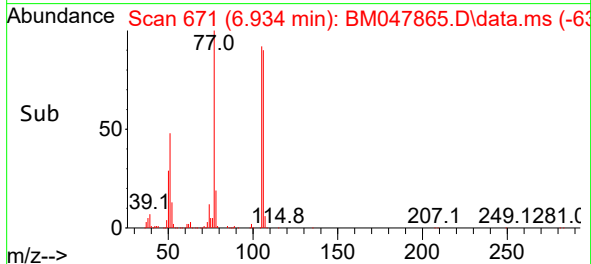
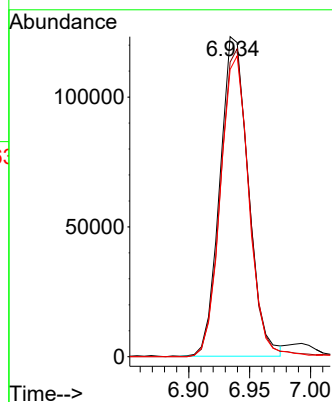
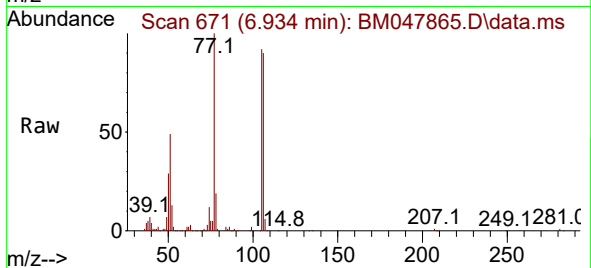




#6
Benzaldehyde
Concen: 17.963 ng/ul
RT: 6.934 min Scan# 672
Delta R.T. -0.006 min
Lab File: BM047865.D
Acq: 05 Oct 2024 06:51

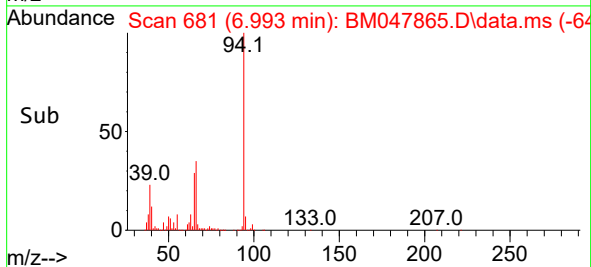
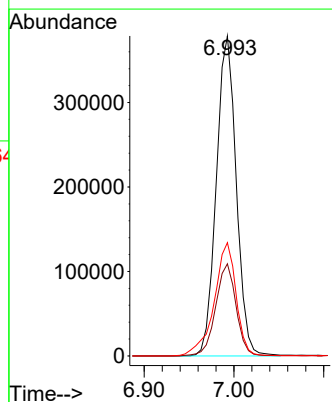
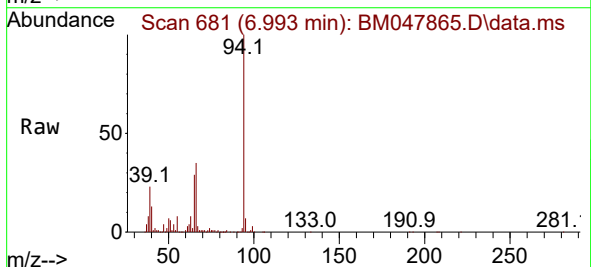
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ClientSampleId :

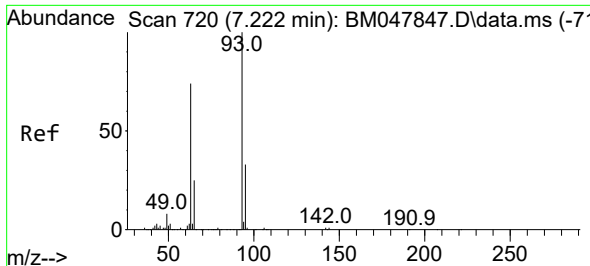
Tgt Ion: 77 Resp: 200271
Ion Ratio Lower Upper
77 100
105 92.1 72.2 108.2
106 89.7 70.7 106.1



#8
Phenol
Concen: 26.818 ng/ul
RT: 6.993 min Scan# 681
Delta R.T. 0.000 min
Lab File: BM047865.D
Acq: 05 Oct 2024 06:51

Tgt Ion: 94 Resp: 584996
Ion Ratio Lower Upper
94 100
65 28.8 26.3 39.5
66 35.4 30.5 45.7

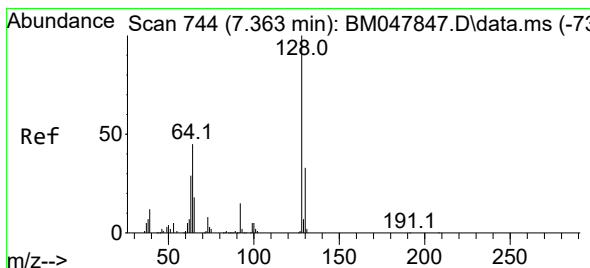
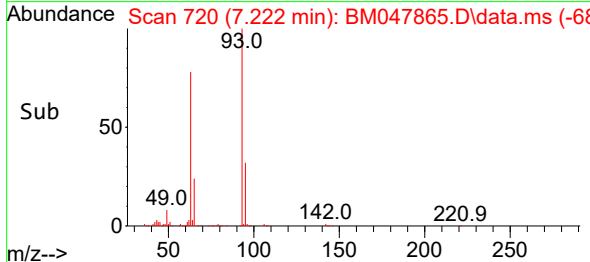
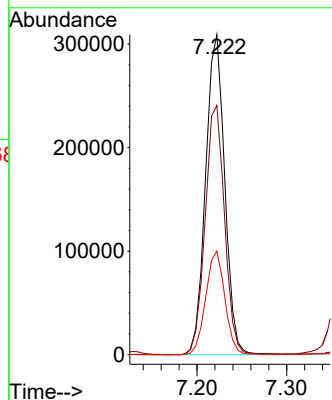
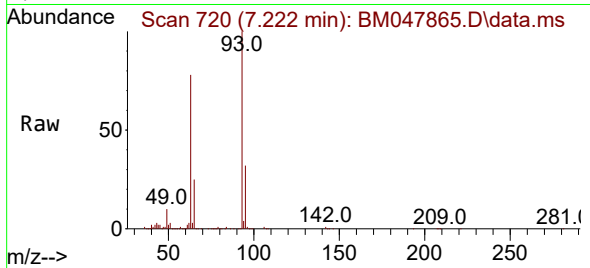




#10
Bis(2-Chloroethyl)ether
Concen: 26.334 ng/ul
RT: 7.222 min Scan# 720
Delta R.T. 0.000 min
Lab File: BM047865.D
Acq: 05 Oct 2024 06:51

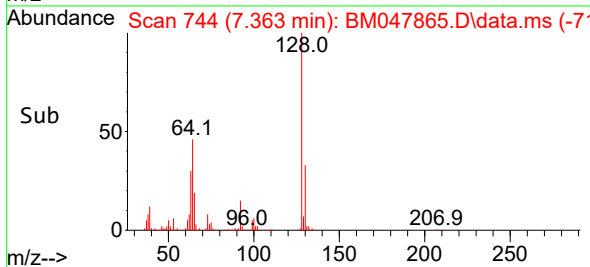
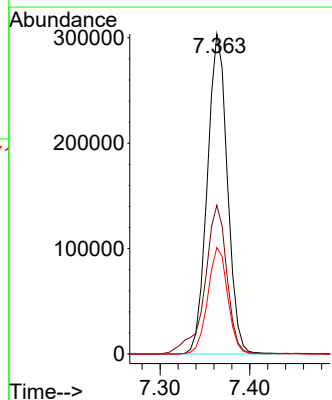
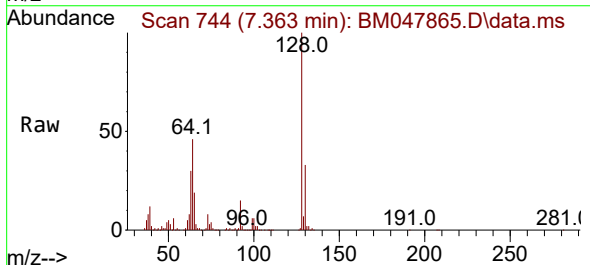
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ClientSampleId :

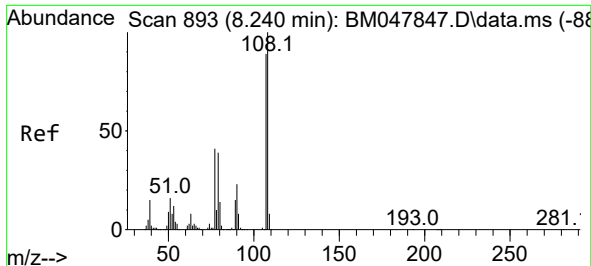
Tgt Ion: 93 Resp: 457727
Ion Ratio Lower Upper
93 100
63 77.9 69.4 104.2
95 32.4 25.0 37.6



#12
2-Chlorophenol
Concen: 29.890 ng/ul
RT: 7.363 min Scan# 744
Delta R.T. -0.006 min
Lab File: BM047865.D
Acq: 05 Oct 2024 06:51

Tgt Ion: 128 Resp: 472306
Ion Ratio Lower Upper
128 100
64 46.4 42.7 64.1
130 33.2 26.0 39.0

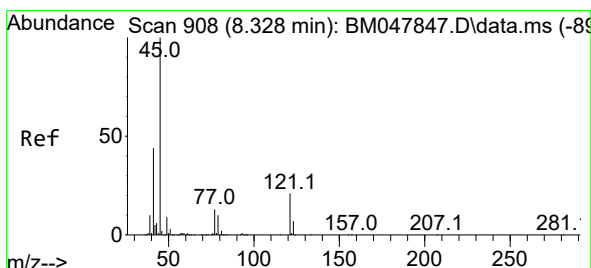
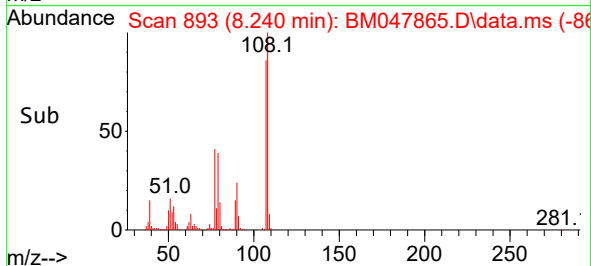
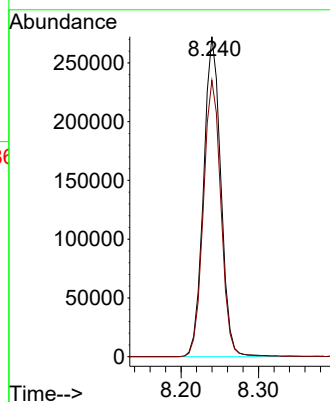
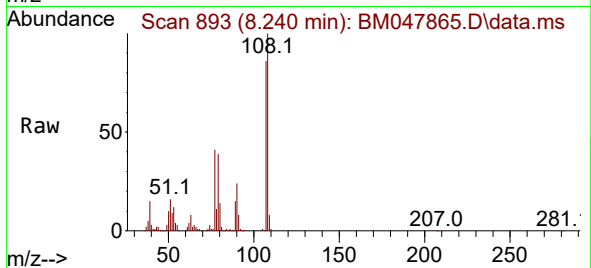




#13
2-Methylphenol
Concen: 27.712 ng/ul
RT: 8.240 min Scan# 893
Delta R.T. -0.006 min
Lab File: BM047865.D
Acq: 05 Oct 2024 06:51

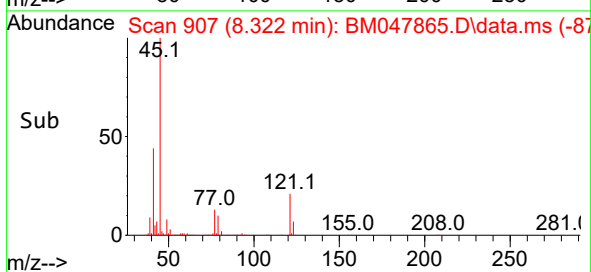
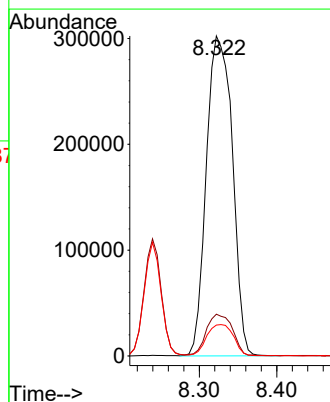
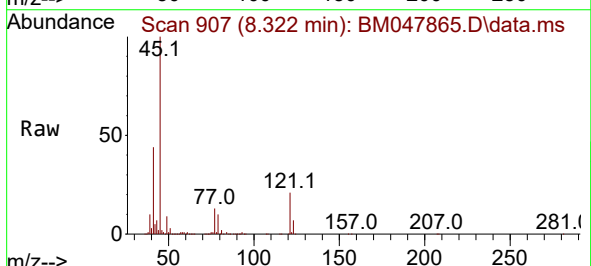
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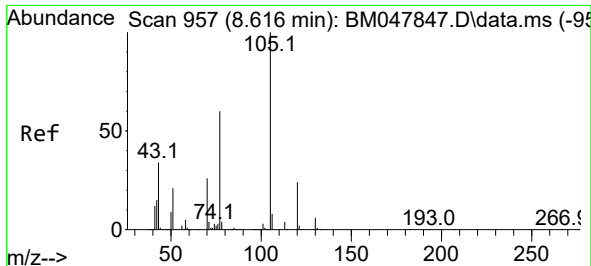
Tgt Ion:108 Resp: 421520
Ion Ratio Lower Upper
108 100
107 86.3 69.3 103.9



#14
2,2'-oxybis(1-Chloropropane)
Concen: 21.530 ng/ul
RT: 8.322 min Scan# 907
Delta R.T. 0.000 min
Lab File: BM047865.D
Acq: 05 Oct 2024 06:51

Tgt Ion: 45 Resp: 704487
Ion Ratio Lower Upper
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77 13.0 9.0 13.6
79 9.7 6.5 9.7

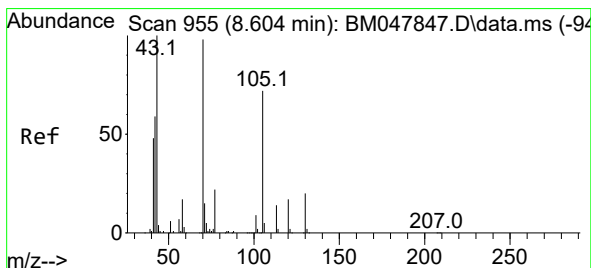
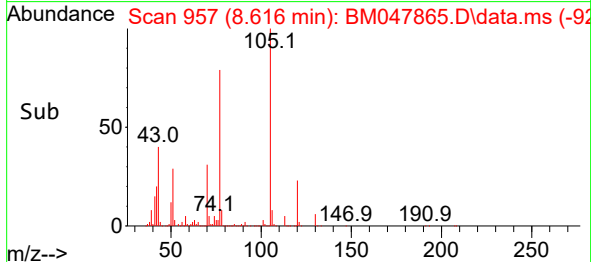
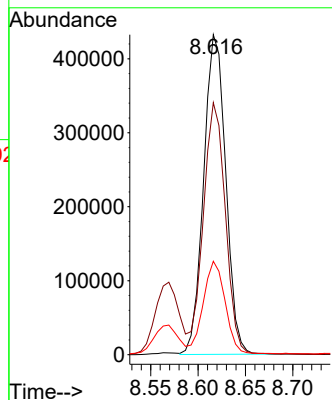
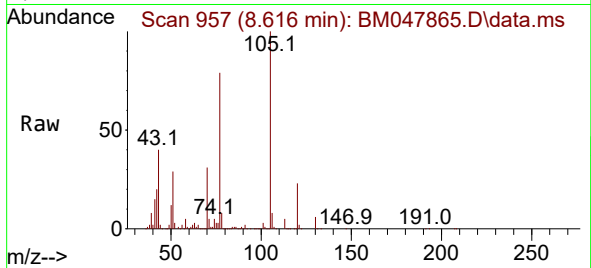




#16
Acetophenone
Concen: 26.859 ng/ul
RT: 8.616 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM047865.D
Acq: 05 Oct 2024 06:51

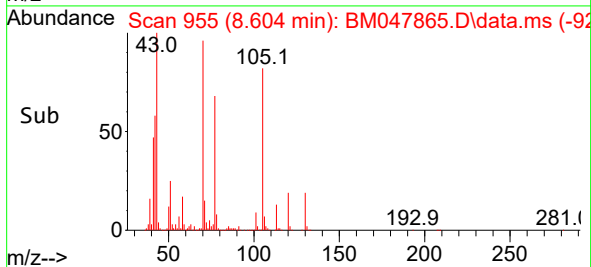
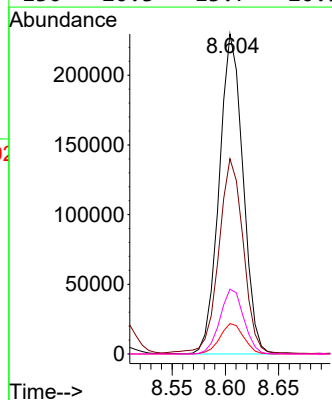
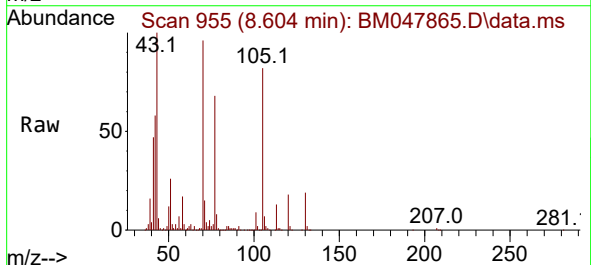
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BNA_M
ClientSampleId :

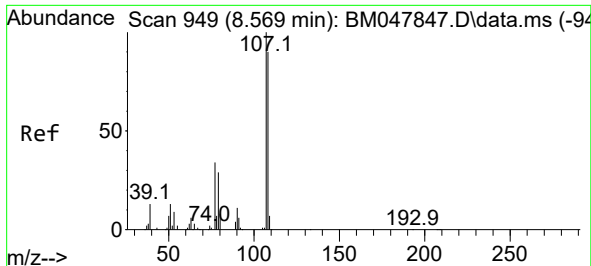
Tgt Ion:105 Resp: 700504
Ion Ratio Lower Upper
105 100
77 78.8 66.6 100.0
51 29.2 27.0 40.4



#17
N-Nitroso-di-n-propylamine
Concen: 25.805 ng/ul
RT: 8.604 min Scan# 955
Delta R.T. -0.006 min
Lab File: BM047865.D
Acq: 05 Oct 2024 06:51

Tgt Ion: 70 Resp: 356467
Ion Ratio Lower Upper
70 100
42 61.0 55.3 82.9
101 9.5 6.8 10.2
130 20.3 13.7 20.5

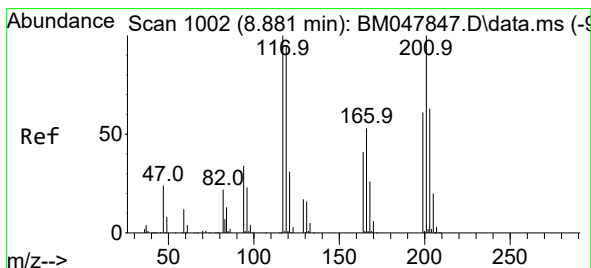
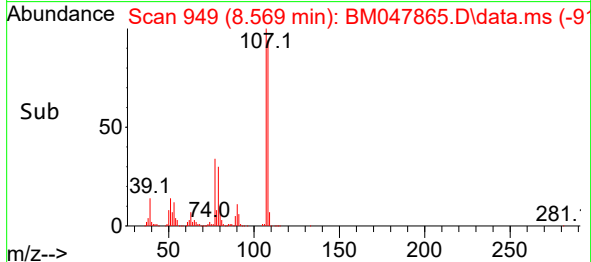
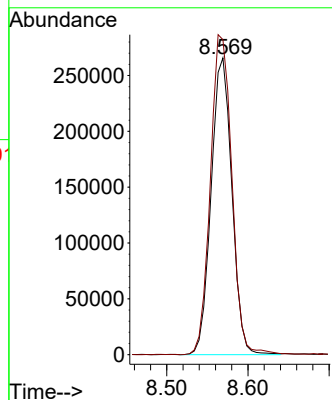
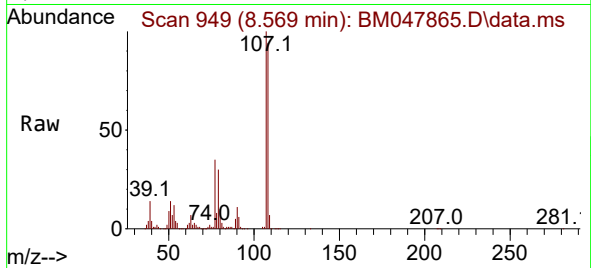




#18
4-Methylphenol
Concen: 27.660 ng/ul
RT: 8.569 min Scan# 949
Delta R.T. 0.000 min
Lab File: BM047865.D
Acq: 05 Oct 2024 06:51

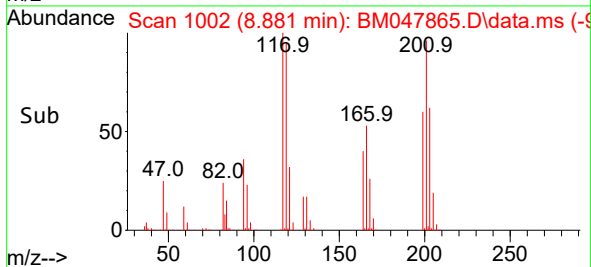
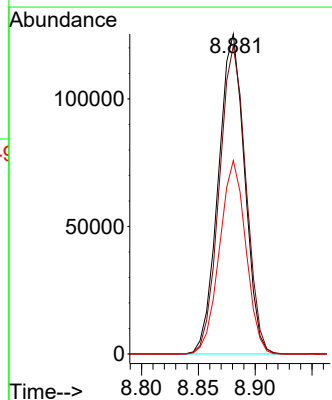
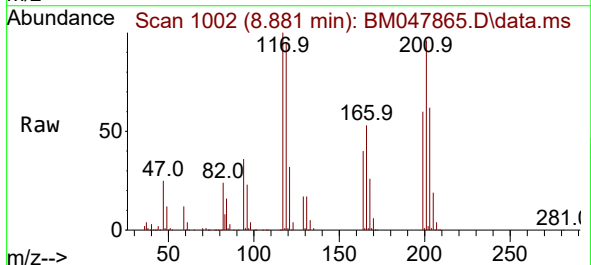
Instrument :
BNA_M
ClientSampleId :

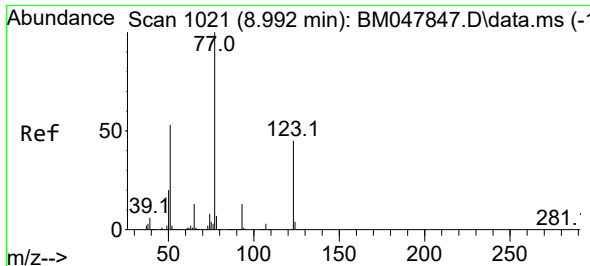
Tgt Ion:108 Resp: 472795
Ion Ratio Lower Upper
108 100
107 106.1 88.4 132.6



#19
Hexachloroethane
Concen: 28.541 ng/ul
RT: 8.881 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BM047865.D
Acq: 05 Oct 2024 06:51

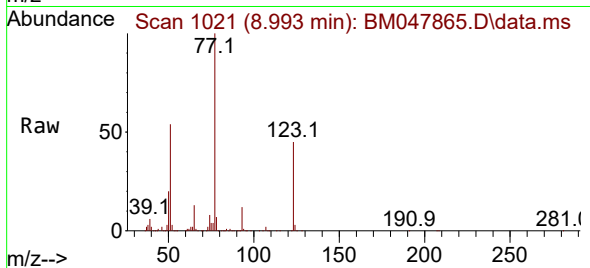
Tgt Ion:117 Resp: 202714
Ion Ratio Lower Upper
117 100
201 96.3 71.0 106.6
199 60.5 44.2 66.4



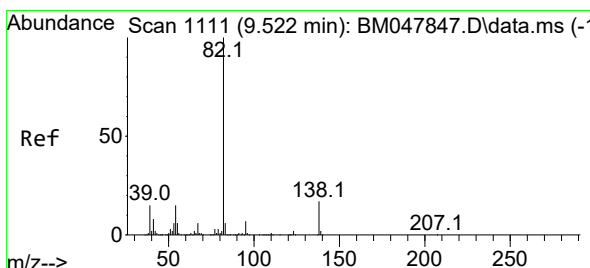
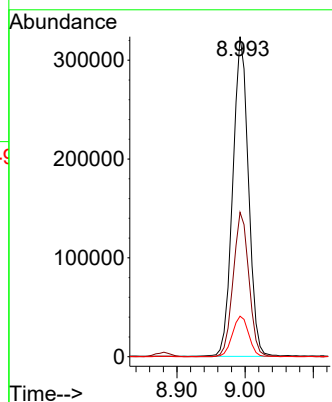
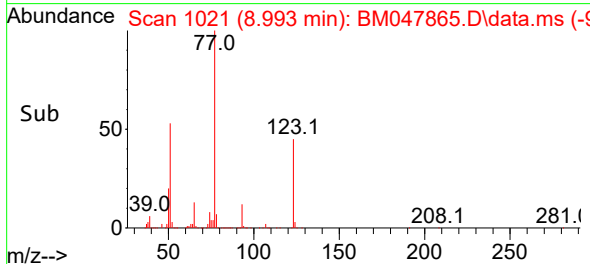


#22
Nitrobenzene
Concen: 25.881 ng/ul
RT: 8.993 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BM047865.D
Acq: 05 Oct 2024 06:51

Instrument :
BNA_M
ClientSampleId :

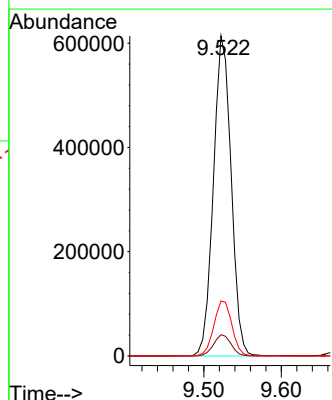
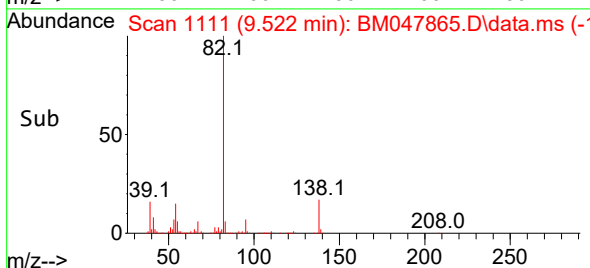
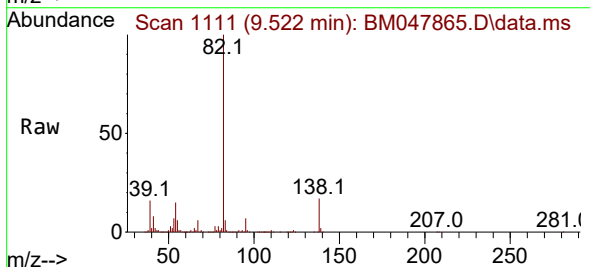


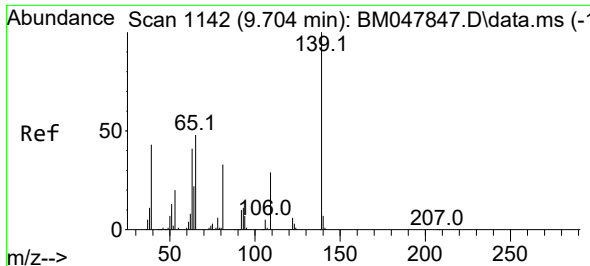
Tgt Ion: 77 Resp: 517912
Ion Ratio Lower Upper
77 100
123 45.1 31.7 47.5
65 12.7 11.1 16.7



#23
Isophorone
Concen: 27.318 ng/ul
RT: 9.522 min Scan# 1111
Delta R.T. -0.006 min
Lab File: BM047865.D
Acq: 05 Oct 2024 06:51

Tgt Ion: 82 Resp: 977907
Ion Ratio Lower Upper
82 100
95 6.7 4.9 7.3
138 17.2 12.0 18.0

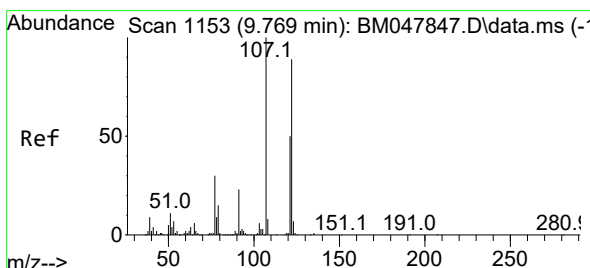
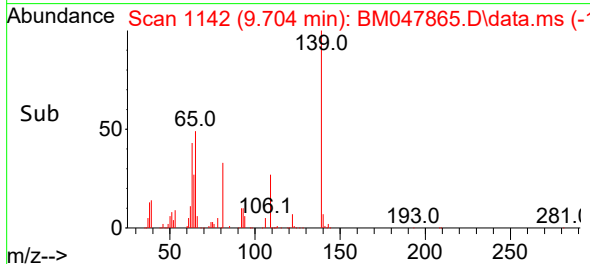
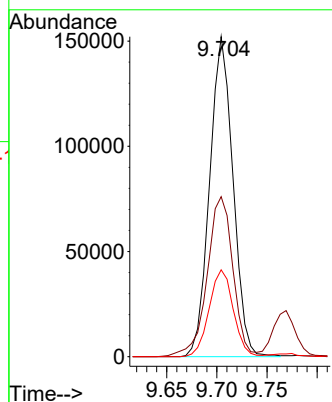
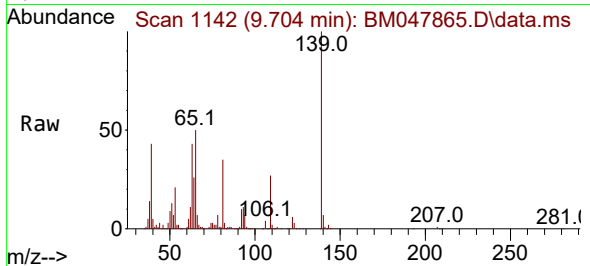




#25
2-Nitrophenol
Concen: 31.948 ng/ul
RT: 9.704 min Scan# 1142
Delta R.T. -0.006 min
Lab File: BM047865.D
Acq: 05 Oct 2024 06:51

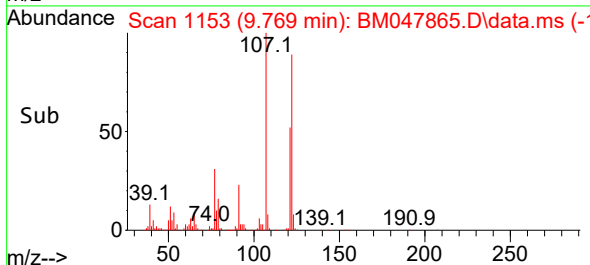
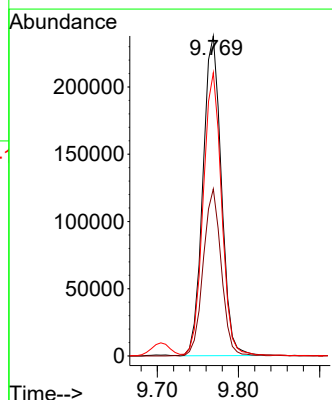
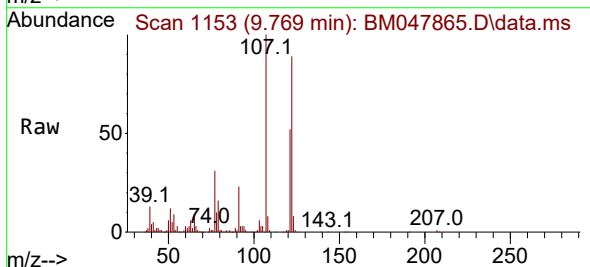
Instrument :
BNA_M
ClientSampleId :

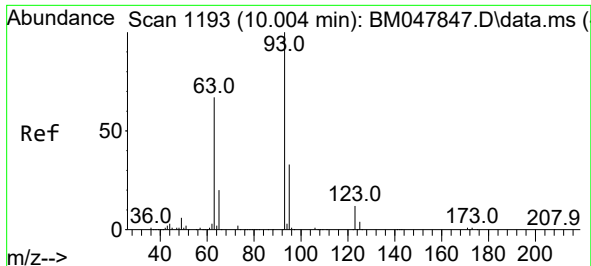
Tgt Ion:139 Resp: 246732
Ion Ratio Lower Upper
139 100
65 50.0 49.6 74.4
109 27.1 23.4 35.2



#26
2,4-Dimethylphenol
Concen: 22.678 ng/ul
RT: 9.769 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BM047865.D
Acq: 05 Oct 2024 06:51

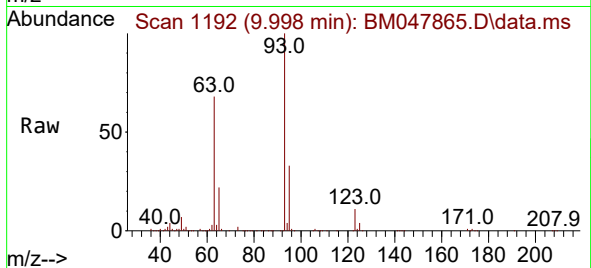
Tgt Ion:107 Resp: 375289
Ion Ratio Lower Upper
107 100
121 52.2 37.8 56.8
122 88.5 65.4 98.0



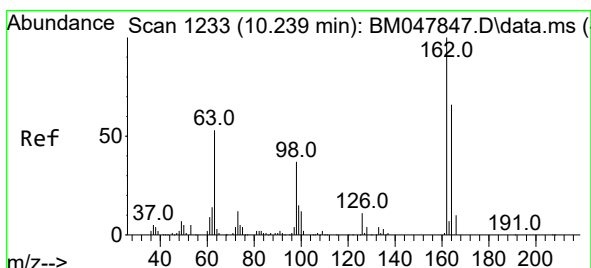
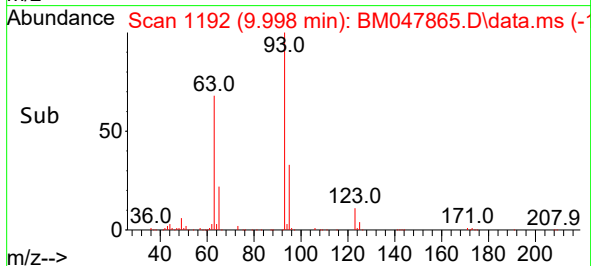
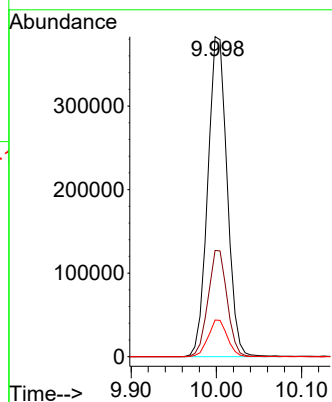


#27
Bis(2-Chloroethoxy)methane
Concen: 27.588 ng/ul
RT: 9.998 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BM047865.D
Acq: 05 Oct 2024 06:51

Instrument :
BNA_M
ClientSampleId :

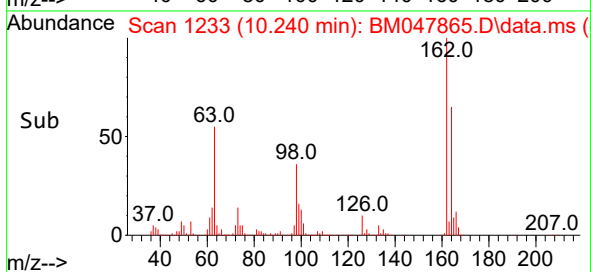
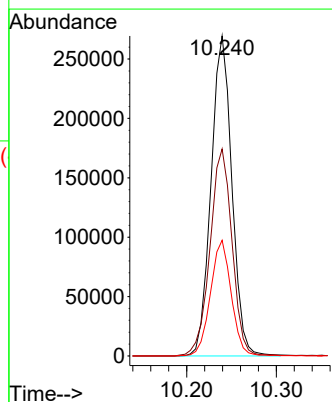
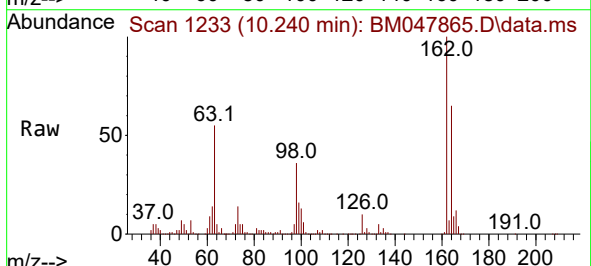


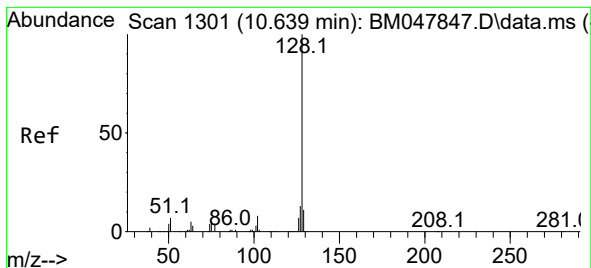
Tgt Ion: 93 Resp: 604031
Ion Ratio Lower Upper
93 100
95 33.2 27.1 40.7
123 11.5 8.2 12.4



#29
2,4-Dichlorophenol
Concen: 31.216 ng/ul
RT: 10.240 min Scan# 1233
Delta R.T. 0.000 min
Lab File: BM047865.D
Acq: 05 Oct 2024 06:51

Tgt Ion:162 Resp: 434686
Ion Ratio Lower Upper
162 100
164 64.7 52.2 78.2
98 36.2 30.6 46.0

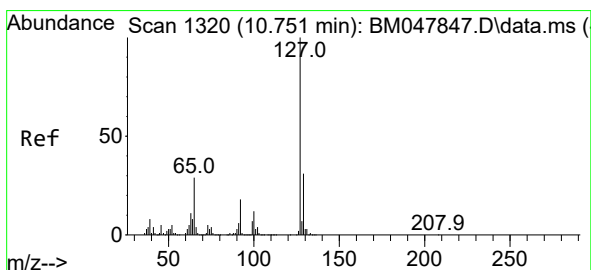
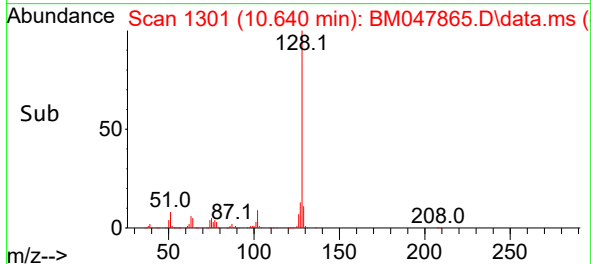
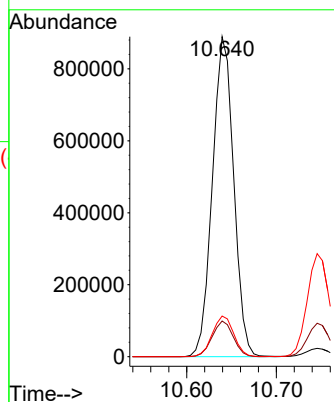
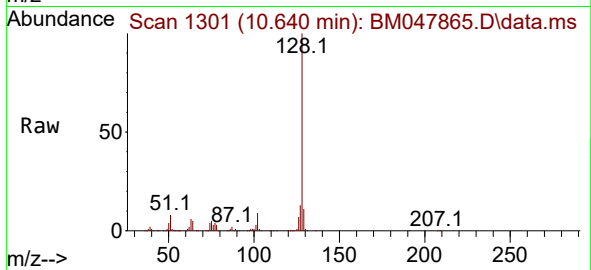




#30
Naphthalene
Concen: 28.807 ng/ul
RT: 10.640 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BM047865.D
Acq: 05 Oct 2024 06:51

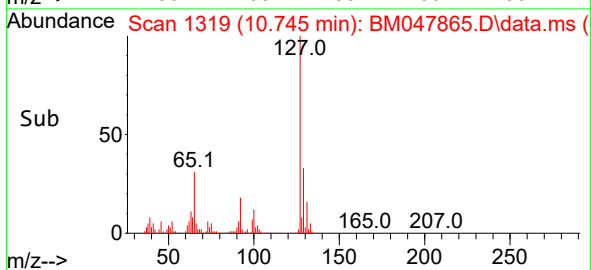
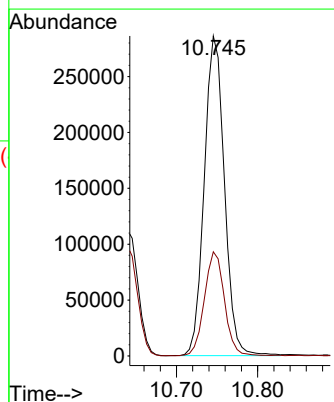
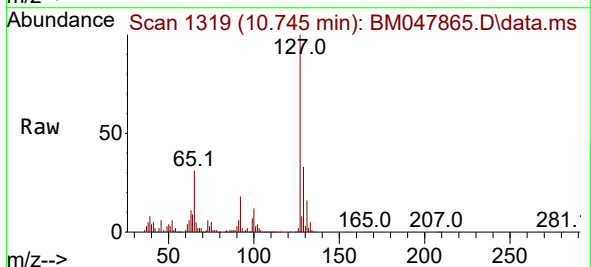
Instrument :
BNA_M
ClientSampleId :

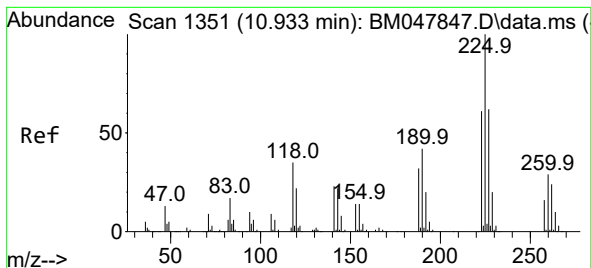
Tgt Ion:128 Resp: 1466036
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 12.7 10.4 15.6



#32
4-Chloroaniline
Concen: 24.016 ng/ul
RT: 10.745 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BM047865.D
Acq: 05 Oct 2024 06:51

Tgt Ion:127 Resp: 493021
Ion Ratio Lower Upper
127 100
129 32.5 25.9 38.9





#33

Hexachlorobutadiene

Concen: 28.999 ng/ul

RT: 10.934 min Scan# 1351

Delta R.T. 0.000 min

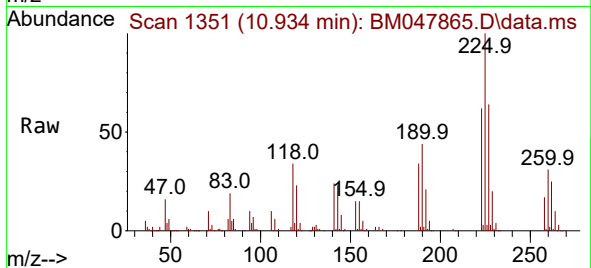
Lab File: BM047865.D

Acq: 05 Oct 2024 06:51

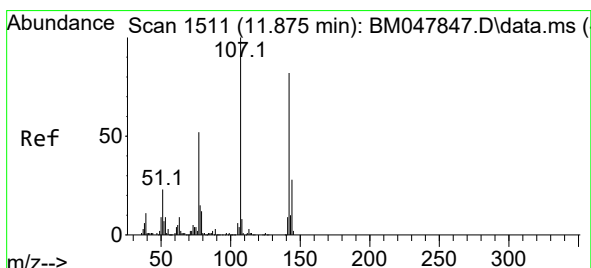
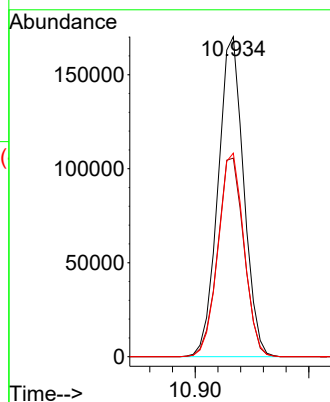
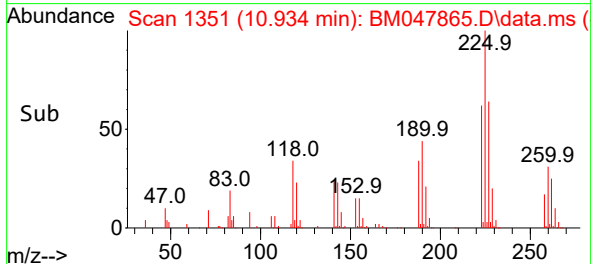
Instrument :

BNA_M

ClientSampleId :



Tgt Ion:	225	Resp:	266805
Ion Ratio	Lower	Upper	
225	100		
223	62.0	50.3	75.5
227	63.6	49.1	73.7



#35

4-Chloro-3-methylphenol

Concen: 31.059 ng/ul

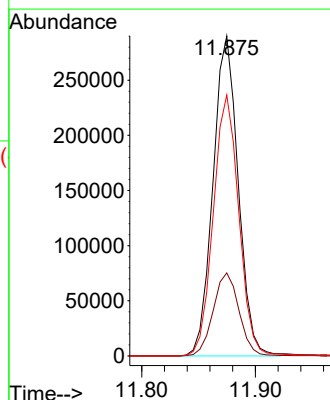
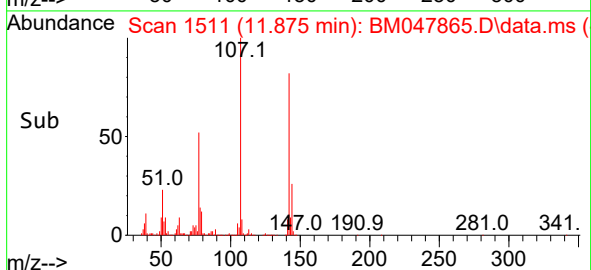
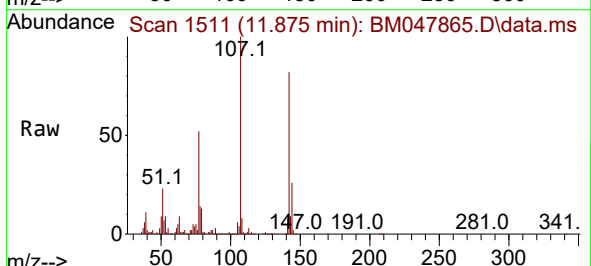
RT: 11.875 min Scan# 1511

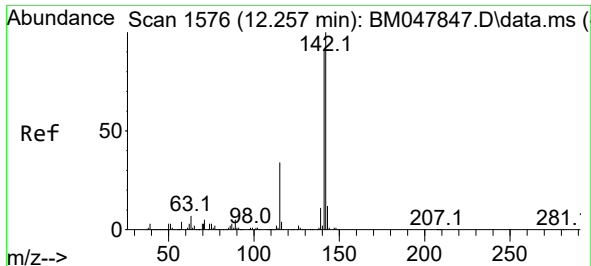
Delta R.T. 0.000 min

Lab File: BM047865.D

Acq: 05 Oct 2024 06:51

Tgt Ion:	107	Resp:	447704
Ion Ratio	Lower	Upper	
107	100		
144	26.0	18.7	28.1
142	81.6	62.7	94.1

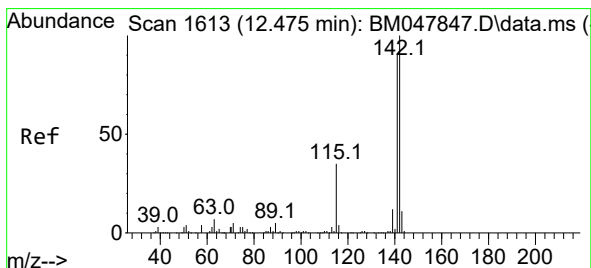
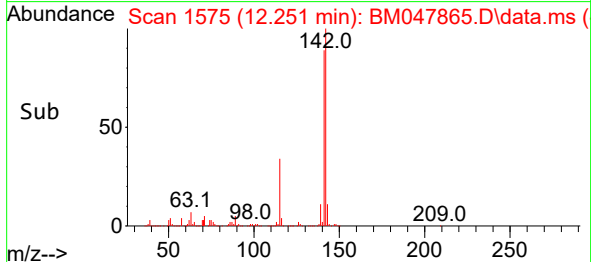
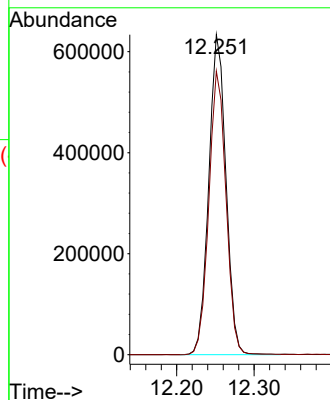
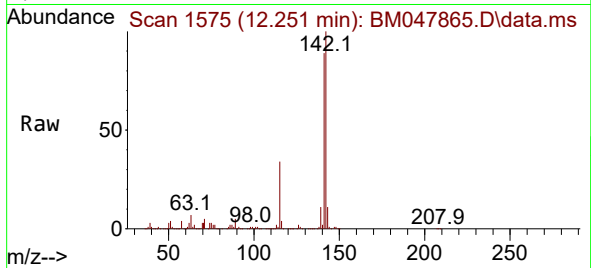




#36
2-Methylnaphthalene
Concen: 30.205 ng/ul
RT: 12.251 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM047865.D
Acq: 05 Oct 2024 06:51

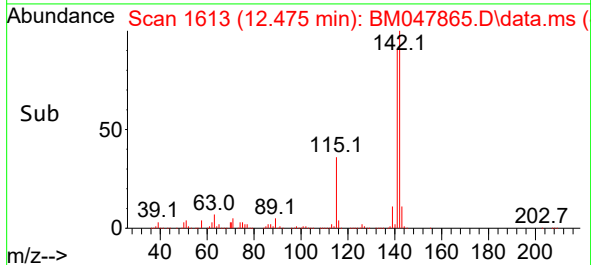
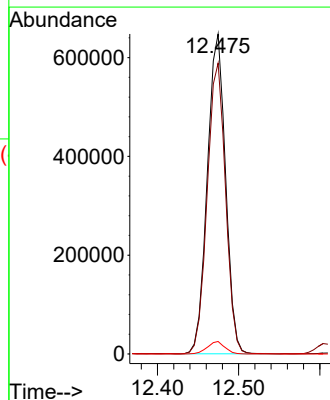
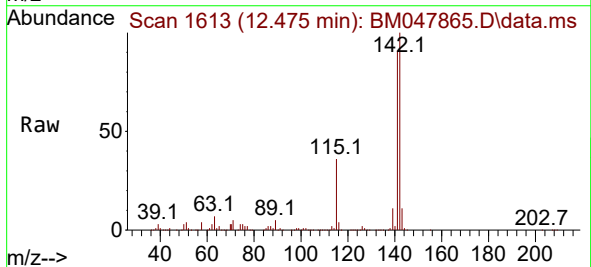
Instrument :
BNA_M
ClientSampleId :

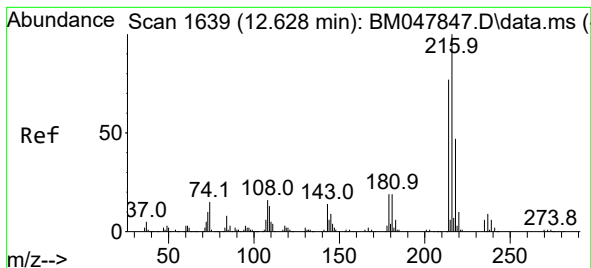
Tgt Ion:142 Resp: 976713
Ion Ratio Lower Upper
142 100
141 88.6 72.5 108.7



#37
1-Methylnaphthalene
Concen: 30.700 ng/ul
RT: 12.475 min Scan# 1613
Delta R.T. 0.000 min
Lab File: BM047865.D
Acq: 05 Oct 2024 06:51

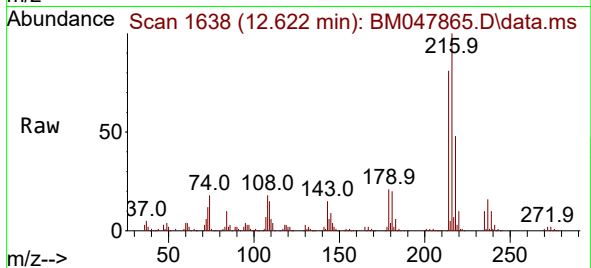
Tgt Ion:142 Resp: 1010011
Ion Ratio Lower Upper
142 100
141 90.9 73.4 110.2
116 3.9 3.0 4.6



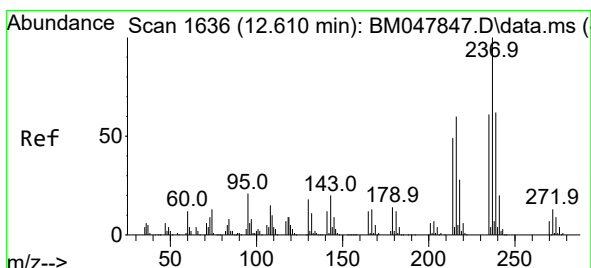
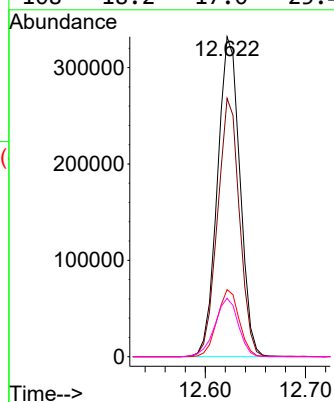
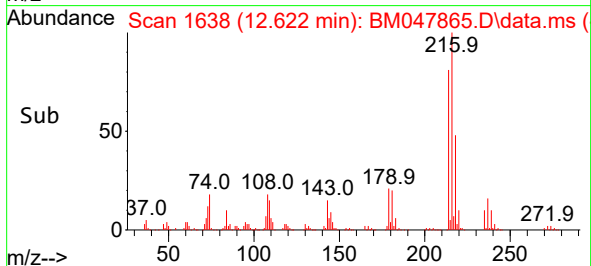


#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 29.481 ng/ul
 RT: 12.622 min Scan# 1638
 Delta R.T. -0.006 min
 Lab File: BM047865.D
 Acq: 05 Oct 2024 06:51

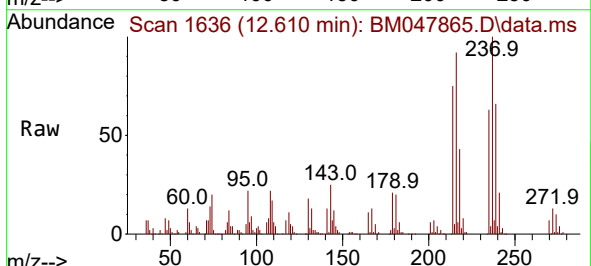
Instrument :
 BNA_M
 ClientSampleId :



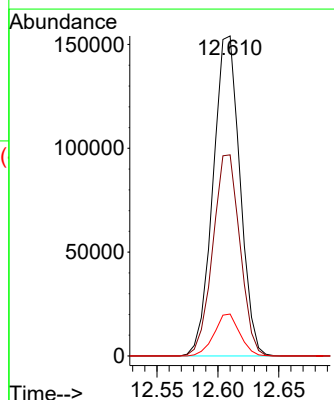
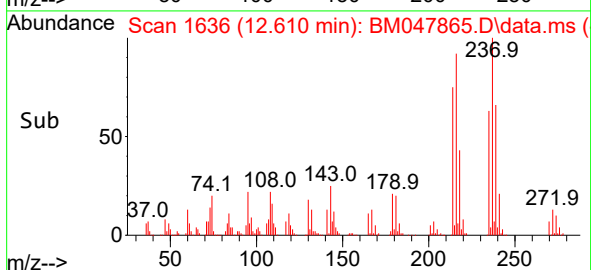
Tgt Ion:216 Resp: 517342
 Ion Ratio Lower Upper
 216 100
 214 80.7 61.0 91.4
 179 20.9 17.7 26.5
 108 18.2 17.0 25.4

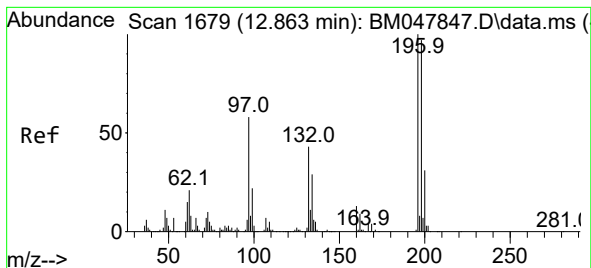


#40
 Hexachlorocyclopentadiene
 Concen: 22.315 ng/ul
 RT: 12.610 min Scan# 1636
 Delta R.T. 0.000 min
 Lab File: BM047865.D
 Acq: 05 Oct 2024 06:51



Tgt Ion:237 Resp: 236846
 Ion Ratio Lower Upper
 237 100
 235 62.8 49.8 74.6
 272 13.1 9.7 14.5





#41

2,4,6-Trichlorophenol

Concen: 27.689 ng/ul

RT: 12.863 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047865.D

Acq: 05 Oct 2024 06:51

Instrument :

BNA_M

ClientSampleId :

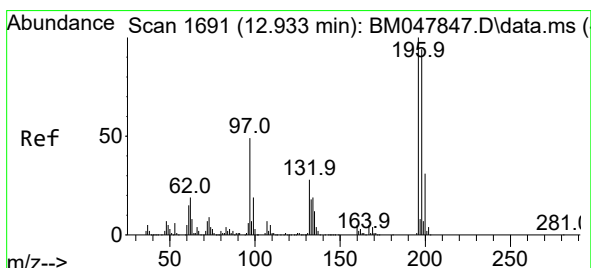
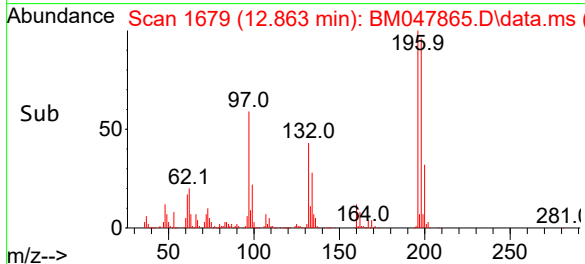
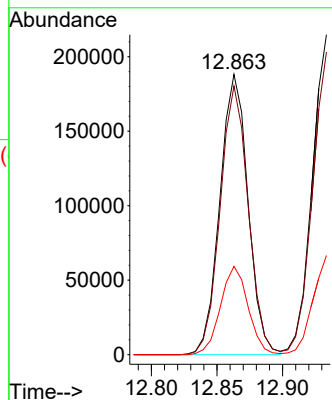
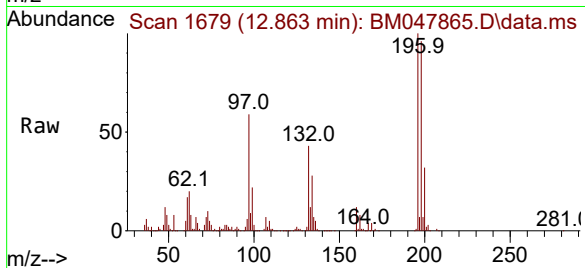
Tgt Ion:196 Resp: 281137

Ion Ratio Lower Upper

196 100

198 95.9 77.1 115.7

200 31.5 24.5 36.7



#42

2,4,5-Trichlorophenol

Concen: 29.244 ng/ul

RT: 12.933 min Scan# 1691

Delta R.T. -0.006 min

Lab File: BM047865.D

Acq: 05 Oct 2024 06:51

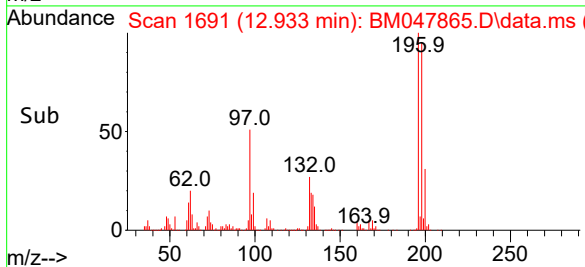
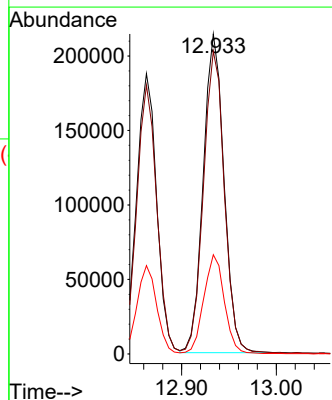
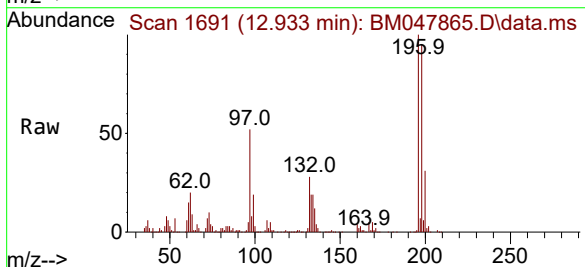
Tgt Ion:196 Resp: 324692

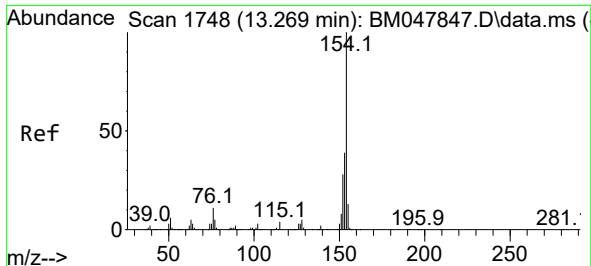
Ion Ratio Lower Upper

196 100

198 94.6 79.5 119.3

200 31.0 25.8 38.8

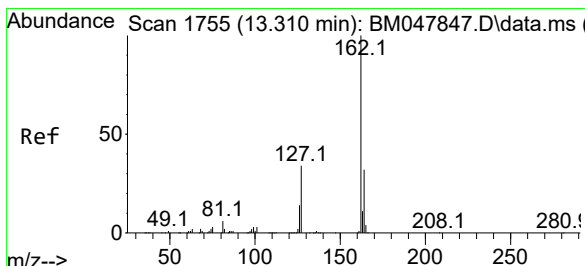
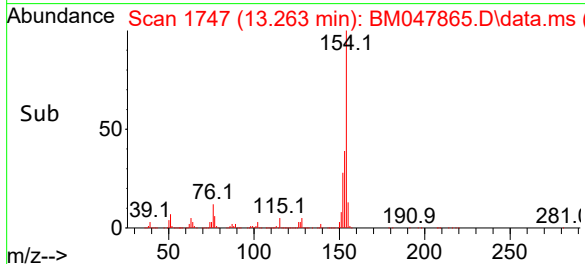
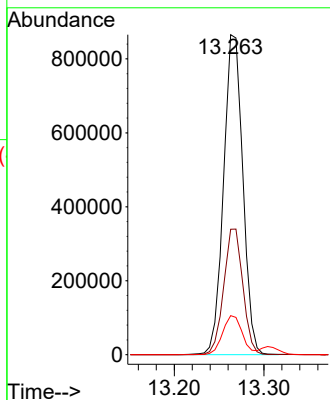
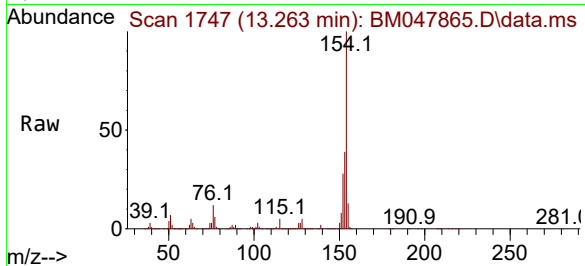




#43
1,1'-Biphenyl
Concen: 29.920 ng/ul
RT: 13.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM047865.D
Acq: 05 Oct 2024 06:51

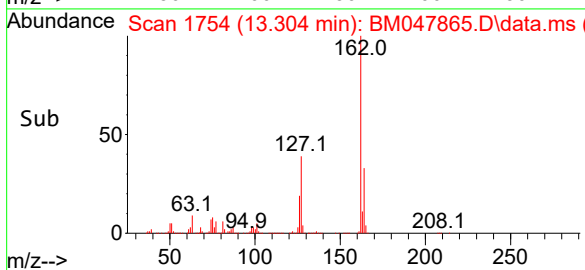
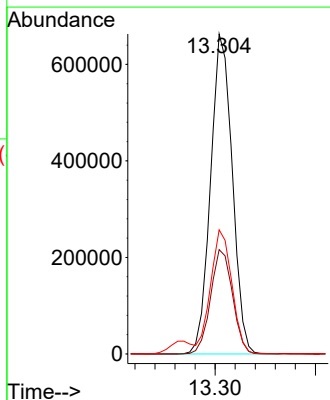
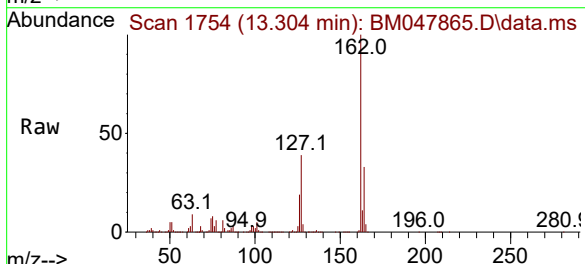
Instrument :
BNA_M
ClientSampleId :

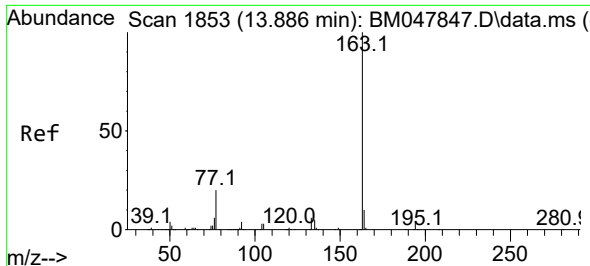
Tgt Ion:154 Resp: 1291387
Ion Ratio Lower Upper
154 100
153 39.2 31.1 46.7
76 12.2 12.1 18.1



#44
2-Chloronaphthalene
Concen: 29.784 ng/ul
RT: 13.304 min Scan# 1754
Delta R.T. -0.006 min
Lab File: BM047865.D
Acq: 05 Oct 2024 06:51

Tgt Ion:162 Resp: 994211
Ion Ratio Lower Upper
162 100
164 32.6 25.3 37.9
127 38.8 32.9 49.3

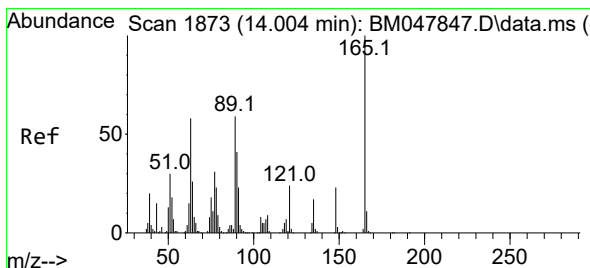
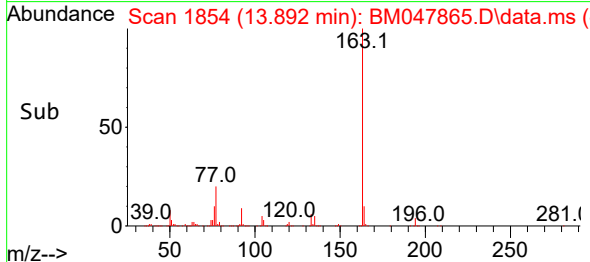
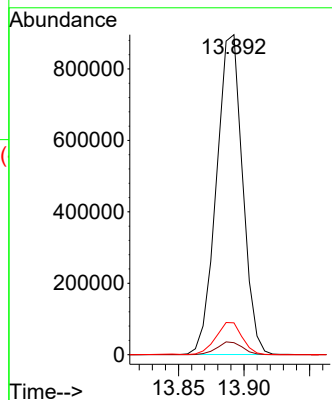
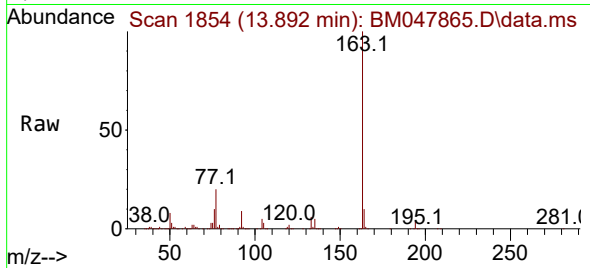




#47
Dimethylphthalate
Concen: 31.266 ng/ul
RT: 13.892 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BM047865.D
Acq: 05 Oct 2024 06:51

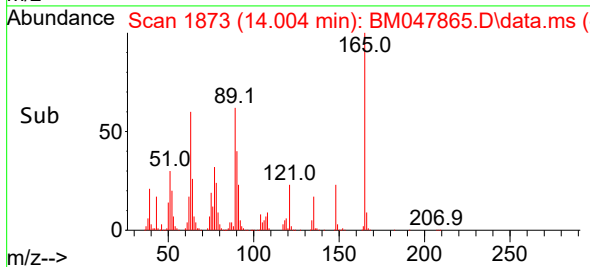
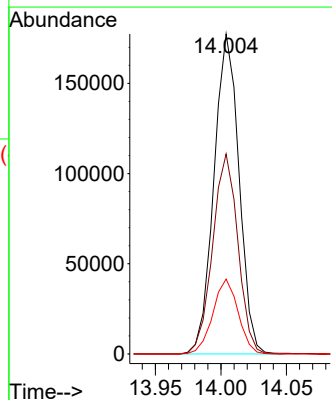
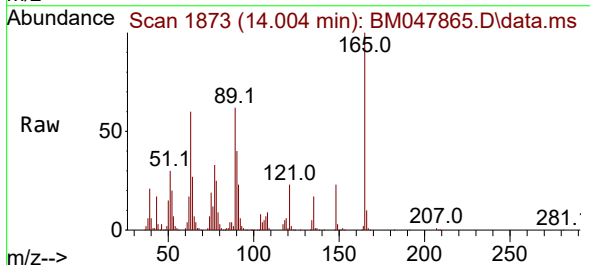
Instrument :
BNA_M
ClientSampleId :

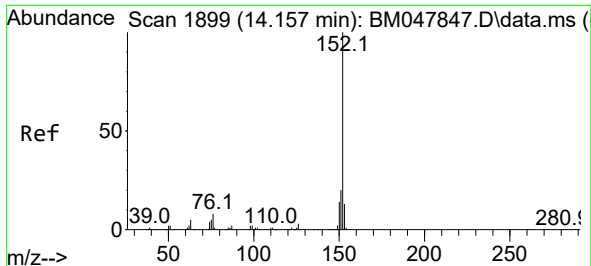
Tgt Ion:163 Resp: 1237550
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 9.9 7.8 11.6



#48
2,6-Dinitrotoluene
Concen: 33.919 ng/ul
RT: 14.004 min Scan# 1873
Delta R.T. -0.006 min
Lab File: BM047865.D
Acq: 05 Oct 2024 06:51

Tgt Ion:165 Resp: 235784
Ion Ratio Lower Upper
165 100
89 62.5 58.5 87.7
121 23.4 20.2 30.2

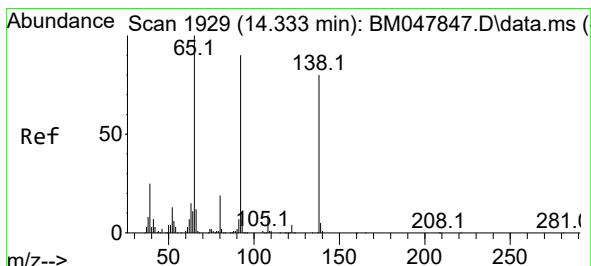
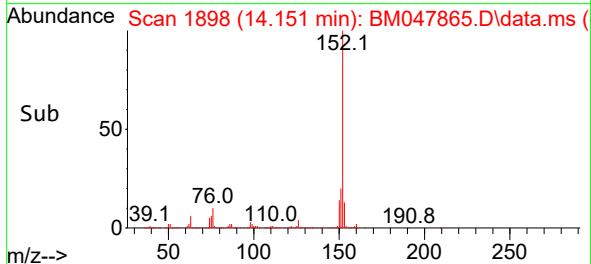
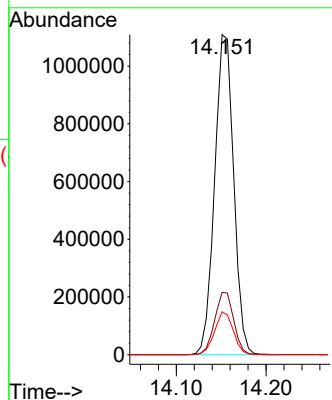
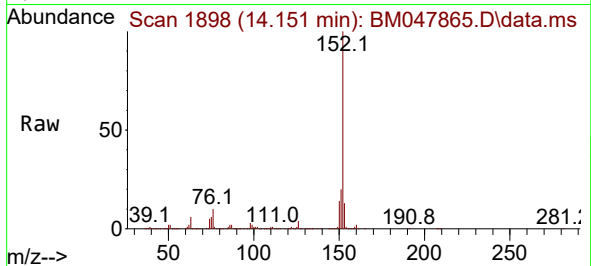




#50
Acenaphthylene
Concen: 31.321 ng/ul
RT: 14.151 min Scan# 1898
Delta R.T. -0.006 min
Lab File: BM047865.D
Acq: 05 Oct 2024 06:51

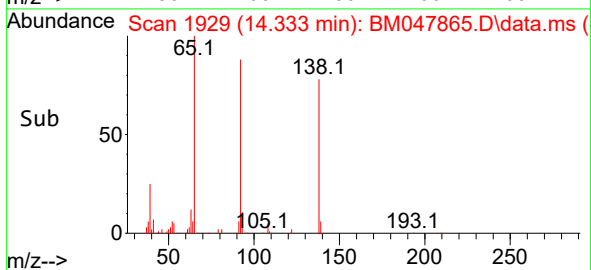
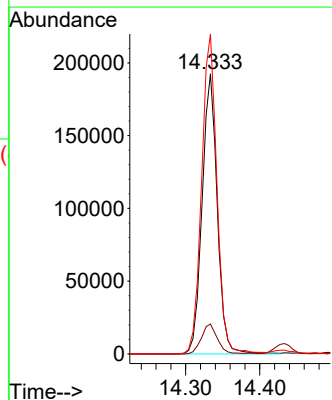
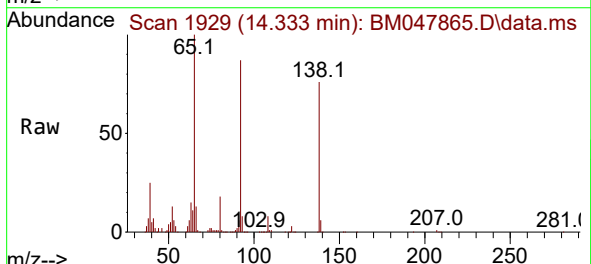
Instrument :
BNA_M
ClientSampleId :

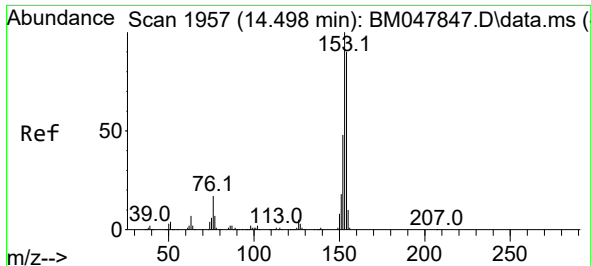
Tgt Ion:152 Resp: 1636804
Ion Ratio Lower Upper
152 100
151 19.5 16.2 24.2
153 13.4 10.7 16.1



#51
3-Nitroaniline
Concen: 32.485 ng/ul
RT: 14.333 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BM047865.D
Acq: 05 Oct 2024 06:51

Tgt Ion:138 Resp: 273306
Ion Ratio Lower Upper
138 100
108 10.7 9.0 13.6
92 114.2 101.5 152.3

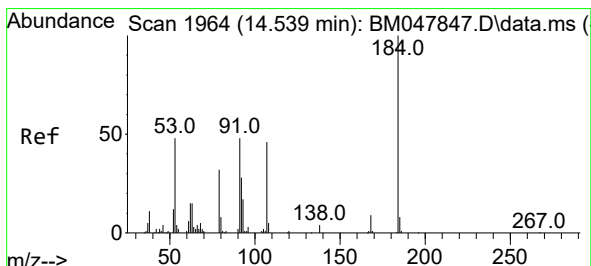
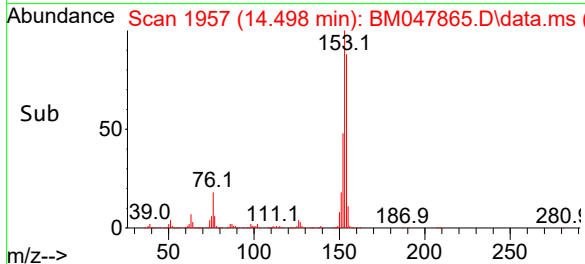
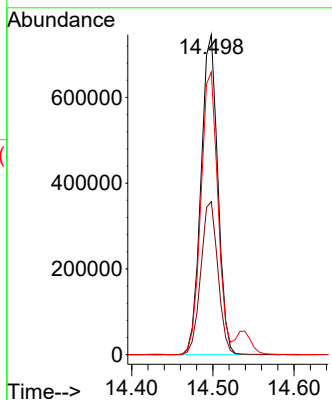
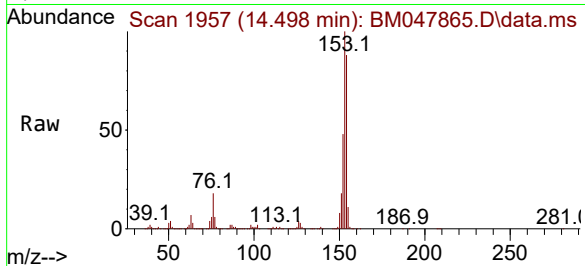




#52
Acenaphthene
Concen: 28.979 ng/ul
RT: 14.498 min Scan# 1957
Delta R.T. 0.000 min
Lab File: BM047865.D
Acq: 05 Oct 2024 06:51

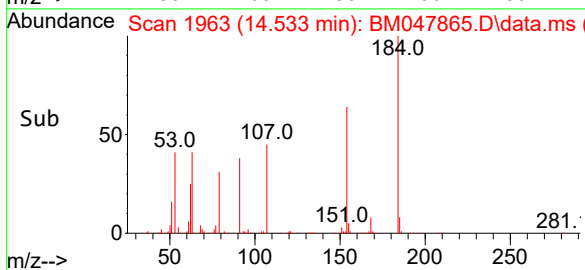
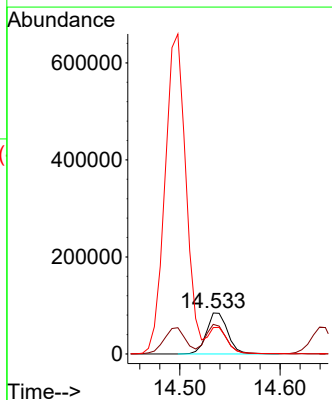
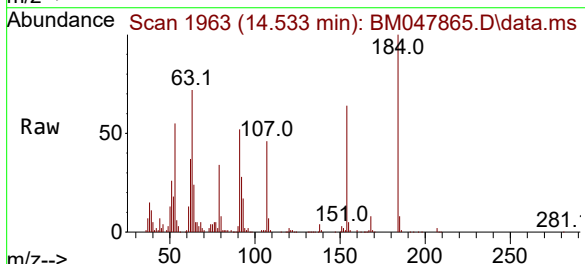
Instrument :
BNA_M
ClientSampleId :

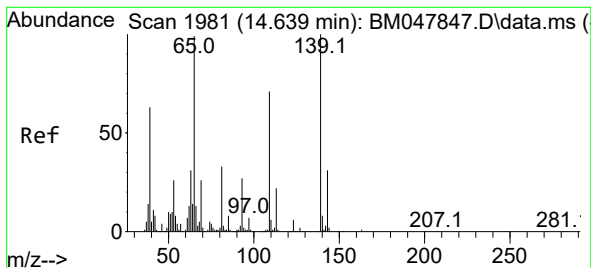
Tgt Ion:153 Resp: 1070522
Ion Ratio Lower Upper
153 100
152 47.8 39.7 59.5
154 88.4 72.6 108.8



#53
2,4-Dinitrophenol
Concen: 28.771 ng/ul
RT: 14.533 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BM047865.D
Acq: 05 Oct 2024 06:51

Tgt Ion:184 Resp: 123582
Ion Ratio Lower Upper
184 100
63 72.4 77.5 116.3#
154 64.4 55.8 83.6

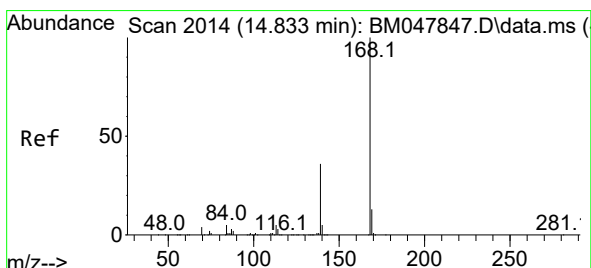
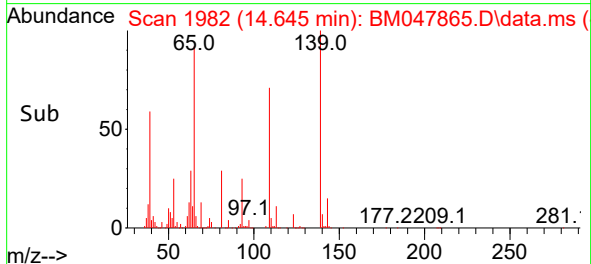
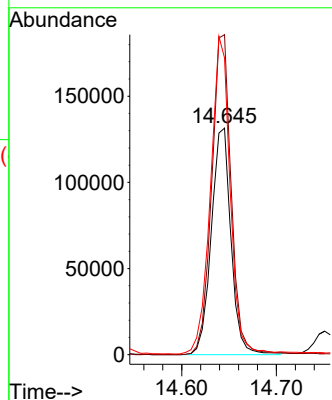
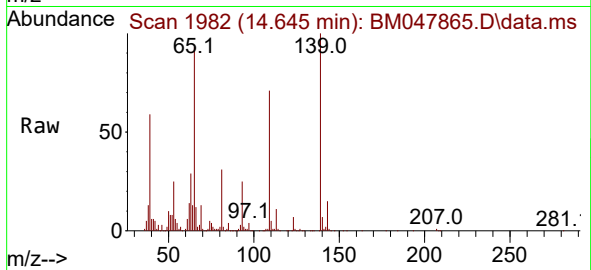




#55
4-Nitrophenol
Concen: 29.071 ng/ul
RT: 14.645 min Scan# 1981
Delta R.T. 0.000 min
Lab File: BM047865.D
Acq: 05 Oct 2024 06:51

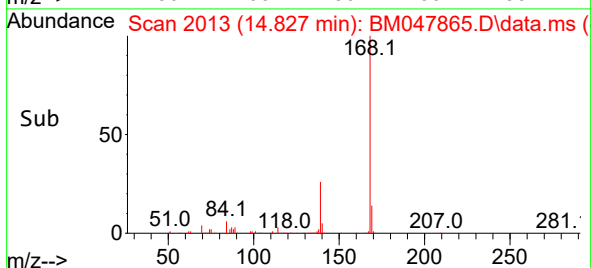
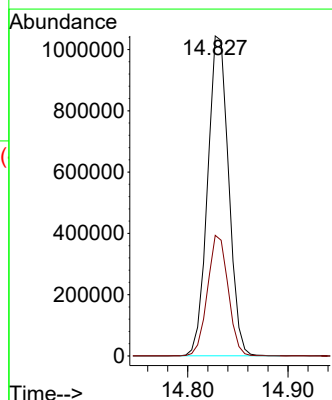
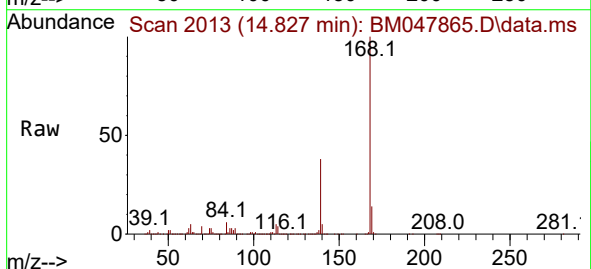
Instrument :
BNA_M
ClientSampleId :

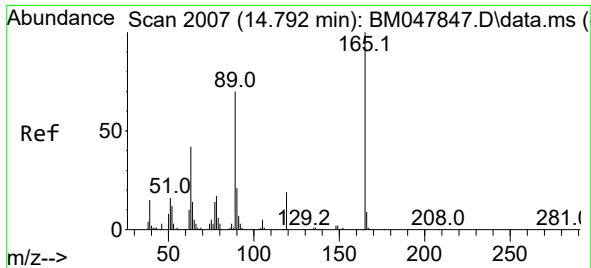
Tgt Ion:109 Resp: 189932
Ion Ratio Lower Upper
109 100
139 141.2 105.7 158.5
65 130.9 123.1 184.7



#56
Dibenzofuran
Concen: 30.606 ng/ul
RT: 14.827 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BM047865.D
Acq: 05 Oct 2024 06:51

Tgt Ion:168 Resp: 1521938
Ion Ratio Lower Upper
168 100
139 37.7 31.0 46.6

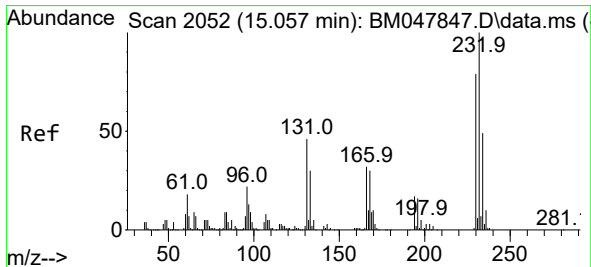
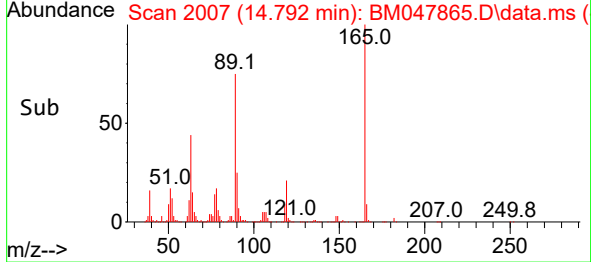
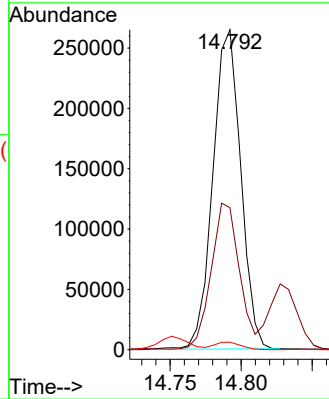
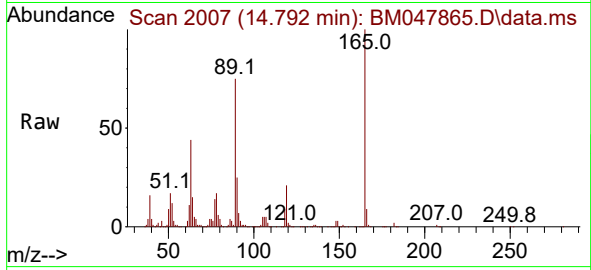




#57
2,4-Dinitrotoluene
Concen: 34.470 ng/ul
RT: 14.792 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BM047865.D
Acq: 05 Oct 2024 06:51

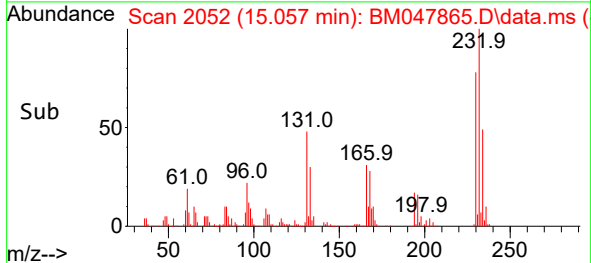
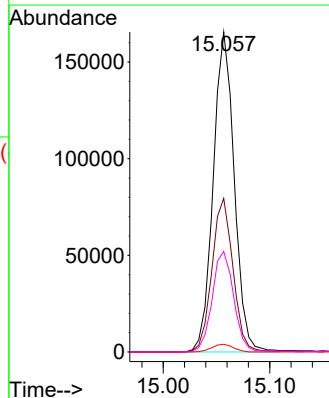
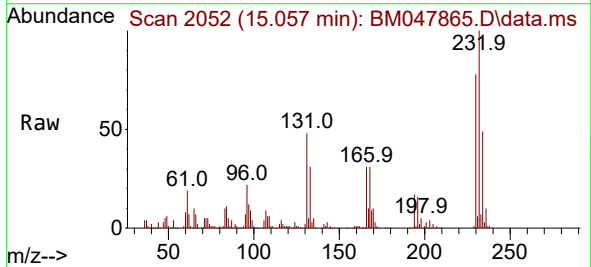
Instrument :
BNA_M
ClientSampleId :

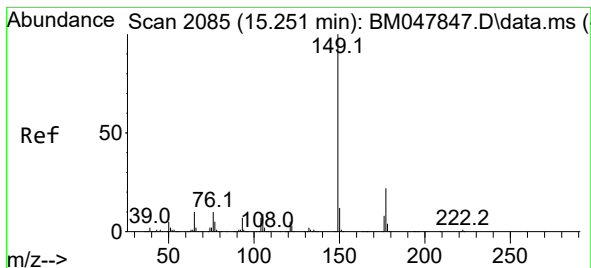
Tgt Ion:165 Resp: 359878
Ion Ratio Lower Upper
165 100
63 44.3 45.8 68.6#
182 2.3 1.7 2.5



#58
2,3,4,6-Tetrachlorophenol
Concen: 25.895 ng/ul
RT: 15.057 min Scan# 2052
Delta R.T. -0.006 min
Lab File: BM047865.D
Acq: 05 Oct 2024 06:51

Tgt Ion:232 Resp: 226630
Ion Ratio Lower Upper
232 100
131 48.0 40.2 60.4
130 2.4 2.6 4.0#
166 31.4 25.3 37.9





#59

Diethylphthalate

Concen: 31.670 ng/ul

RT: 15.251 min Scan# 2085

Delta R.T. -0.006 min

Lab File: BM047865.D

Acq: 05 Oct 2024 06:51

Instrument :

BNA_M

ClientSampleId :

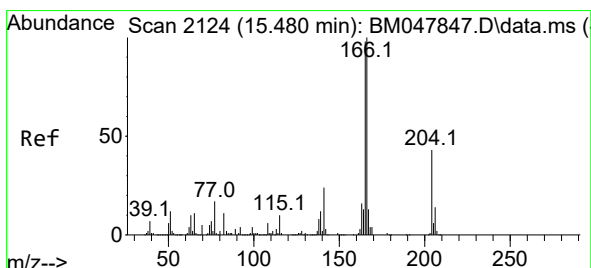
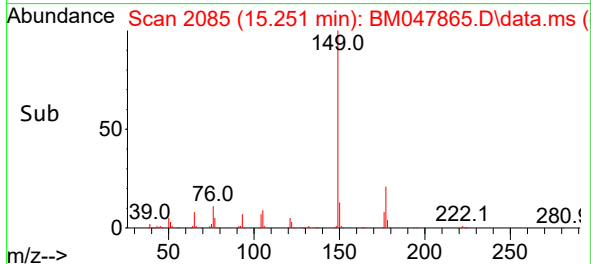
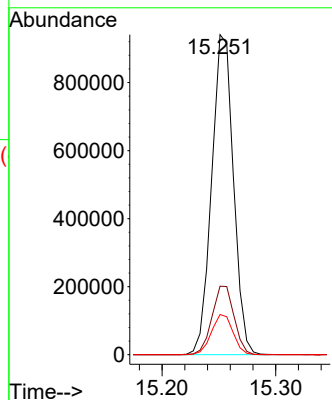
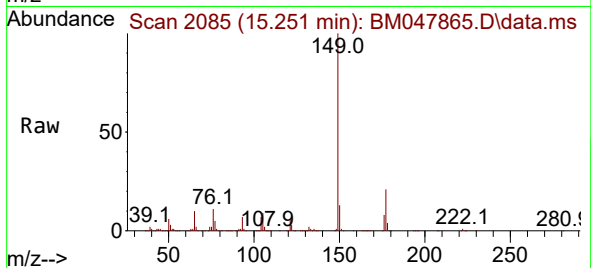
Tgt Ion:149 Resp: 1254242

Ion Ratio Lower Upper

149 100

177 21.4 16.9 25.3

150 12.5 9.2 13.8



#61

Fluorene

Concen: 30.711 ng/ul

RT: 15.480 min Scan# 2124

Delta R.T. 0.000 min

Lab File: BM047865.D

Acq: 05 Oct 2024 06:51

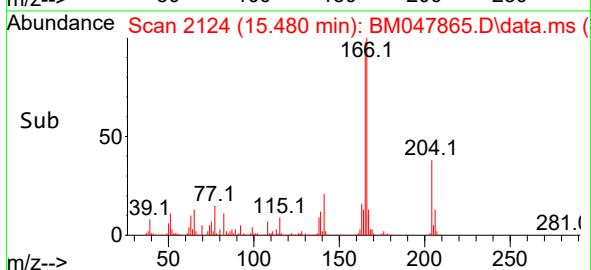
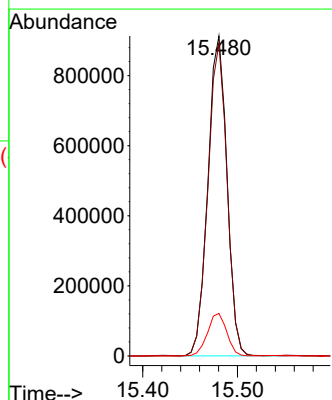
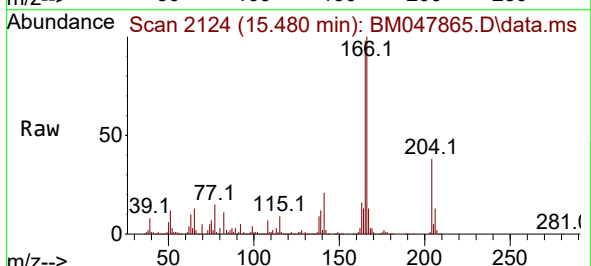
Tgt Ion:166 Resp: 1274115

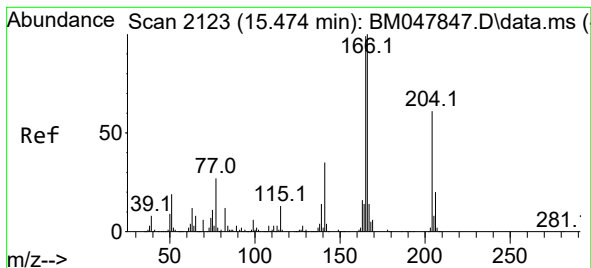
Ion Ratio Lower Upper

166 100

165 97.7 77.8 116.6

167 13.3 10.8 16.2

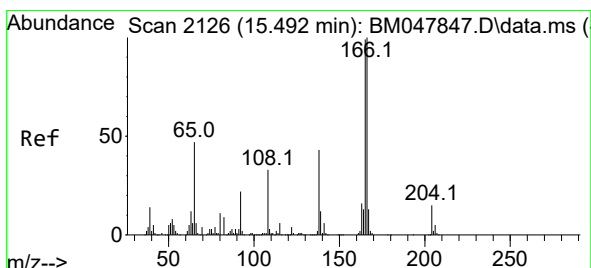
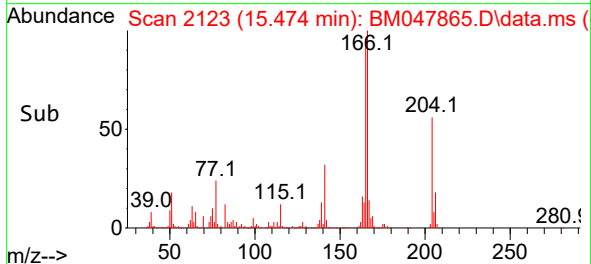
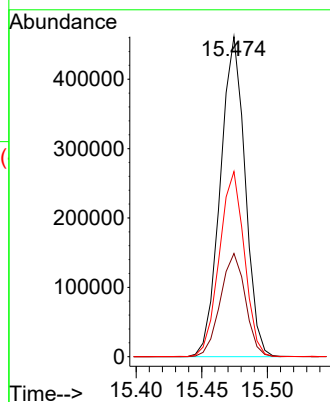
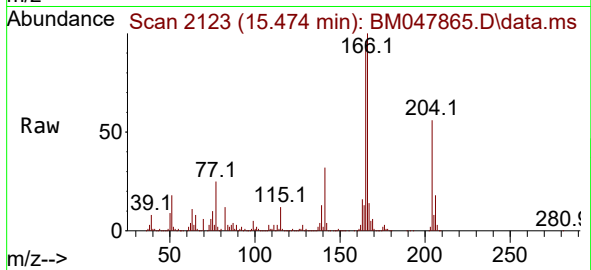




#62
4-Chlorophenyl-phenylether
Concen: 30.913 ng/ul
RT: 15.474 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BM047865.D
Acq: 05 Oct 2024 06:51

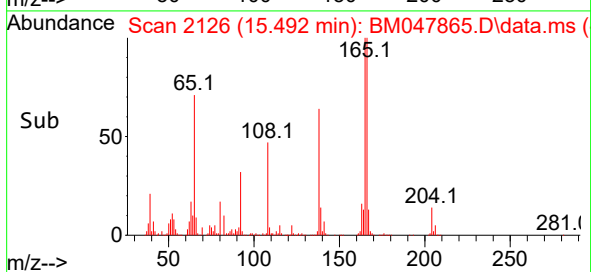
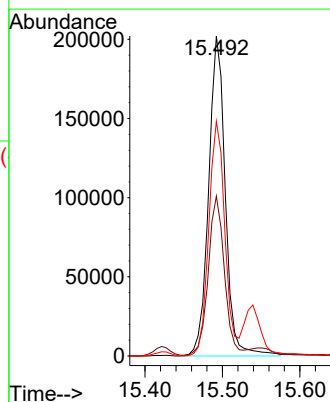
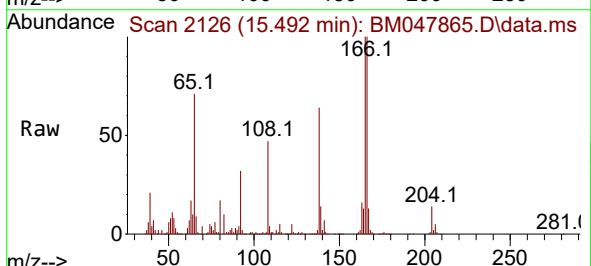
Instrument :
BNA_M
ClientSampleId :

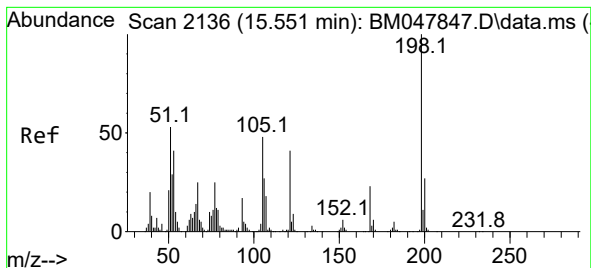
Tgt Ion:204 Resp: 606012
Ion Ratio Lower Upper
204 100
206 32.3 27.0 40.4
141 57.8 49.2 73.8



#63
4-Nitroaniline
Concen: 37.058 ng/ul
RT: 15.492 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BM047865.D
Acq: 05 Oct 2024 06:51

Tgt Ion:138 Resp: 302795
Ion Ratio Lower Upper
138 100
92 49.9 44.9 67.3
108 73.4 62.4 93.6

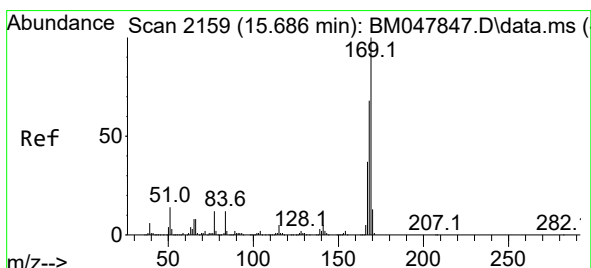
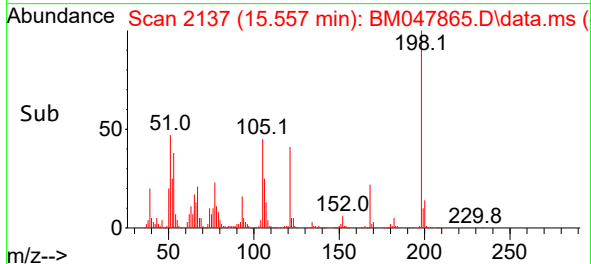
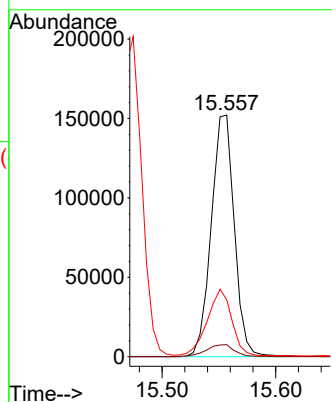
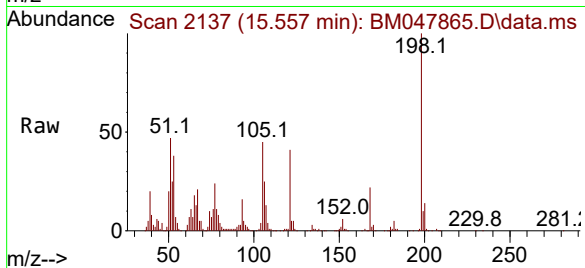




#66
4,6-Dinitro-2-methylphenol
Concen: 30.711 ng/ul
RT: 15.557 min Scan# 2136
Delta R.T. 0.000 min
Lab File: BM047865.D
Acq: 05 Oct 2024 06:51

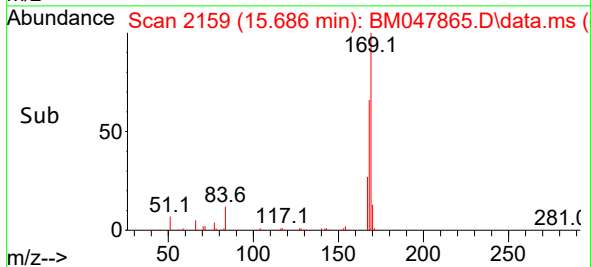
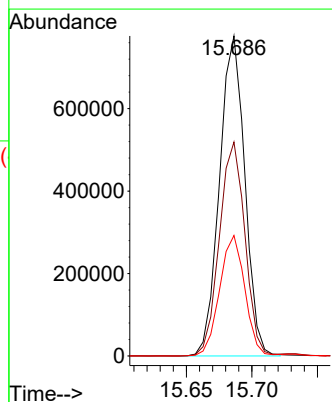
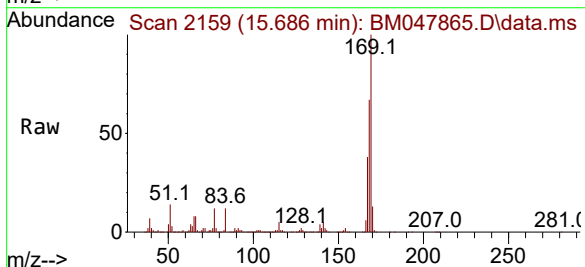
Instrument :
BNA_M
ClientSampleId :

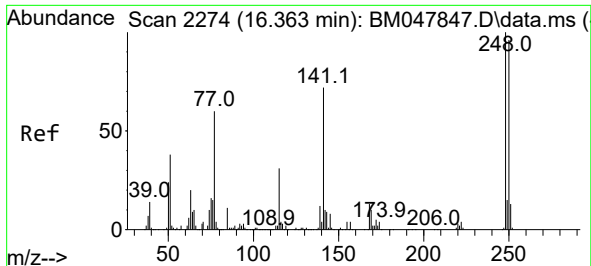
Tgt Ion:198 Resp: 214735
Ion Ratio Lower Upper
198 100
182 5.0 5.1 7.7#
77 23.6 26.2 39.2#



#67
N-Nitrosodiphenylamine
Concen: 30.981 ng/ul
RT: 15.686 min Scan# 2159
Delta R.T. 0.000 min
Lab File: BM047865.D
Acq: 05 Oct 2024 06:51

Tgt Ion:169 Resp: 1041007
Ion Ratio Lower Upper
169 100
168 66.8 53.5 80.3
167 37.7 30.0 45.0

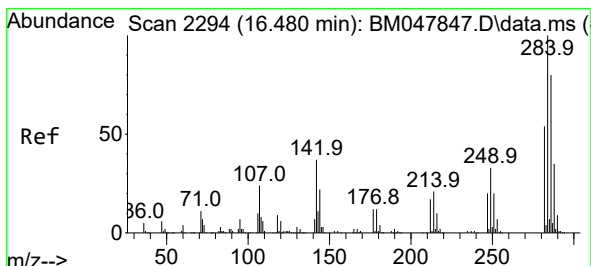
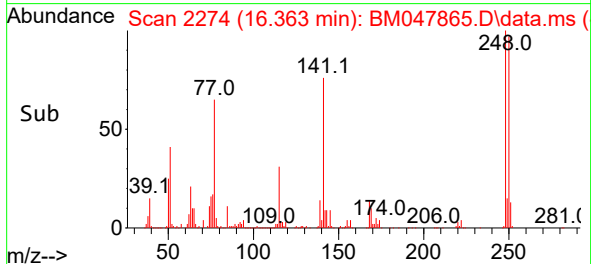
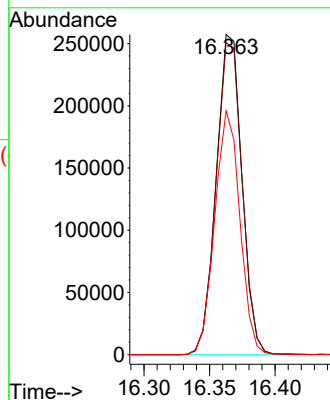
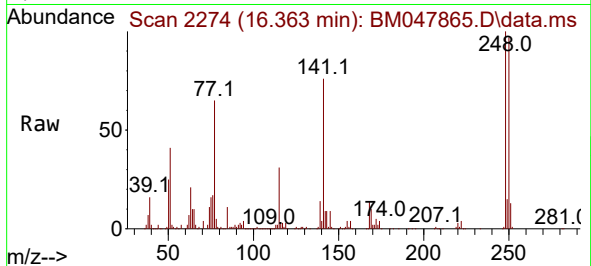




#68
4-Bromophenyl-phenylether
Concen: 31.640 ng/ul
RT: 16.363 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047865.D
Acq: 05 Oct 2024 06:51

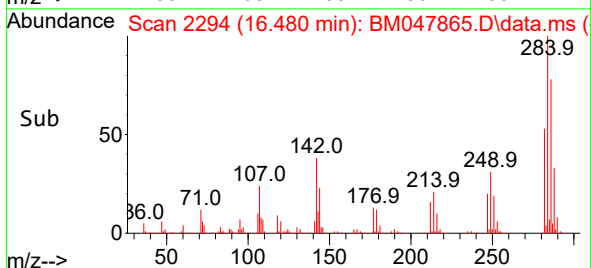
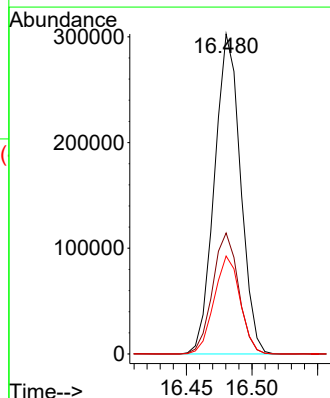
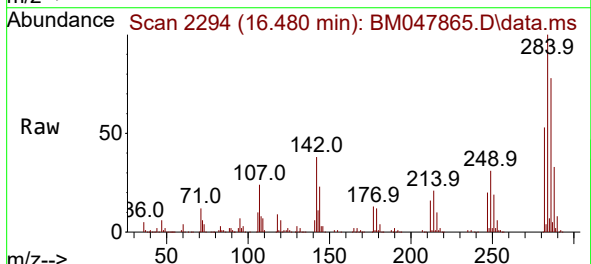
Instrument :
BNA_M
ClientSampleId :

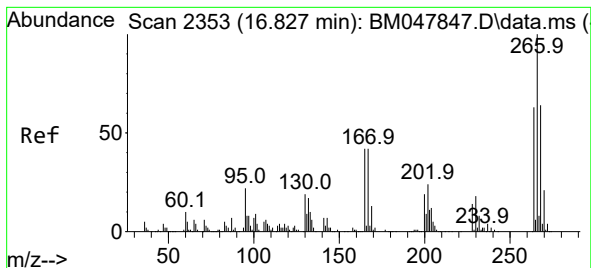
Tgt Ion:248 Resp: 351681
Ion Ratio Lower Upper
248 100
250 97.5 76.5 114.7
141 76.2 60.8 91.2



#69
Hexachlorobenzene
Concen: 32.271 ng/ul
RT: 16.480 min Scan# 2294
Delta R.T. -0.006 min
Lab File: BM047865.D
Acq: 05 Oct 2024 06:51

Tgt Ion:284 Resp: 417426
Ion Ratio Lower Upper
284 100
142 37.8 32.4 48.6
249 30.6 26.3 39.5





#71

Pentachlorophenol

Concen: 20.373 ng/ul

RT: 16.821 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047865.D

Acq: 05 Oct 2024 06:51

Instrument :

BNA_M

ClientSampleId :

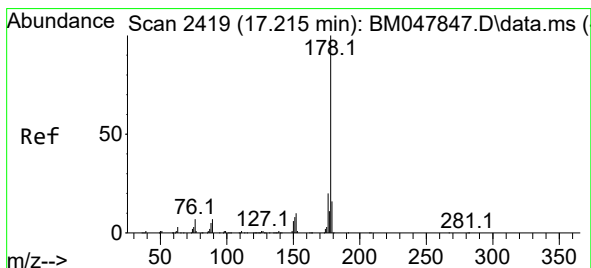
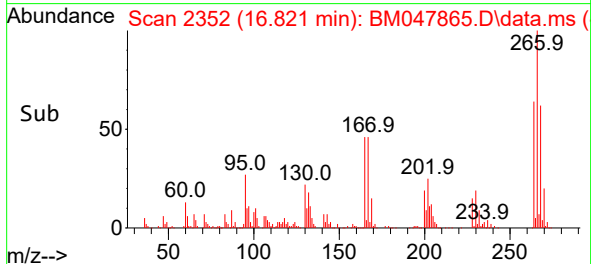
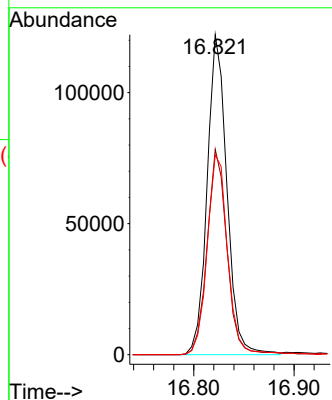
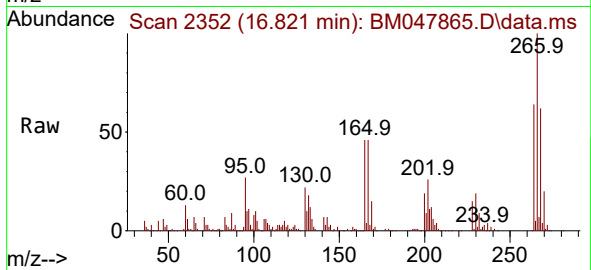
Tgt Ion:266 Resp: 167570

Ion Ratio Lower Upper

266 100

264 64.2 50.2 75.2

268 62.5 50.9 76.3



#72

Phenanthrene

Concen: 30.819 ng/ul

RT: 17.216 min Scan# 2419

Delta R.T. 0.000 min

Lab File: BM047865.D

Acq: 05 Oct 2024 06:51

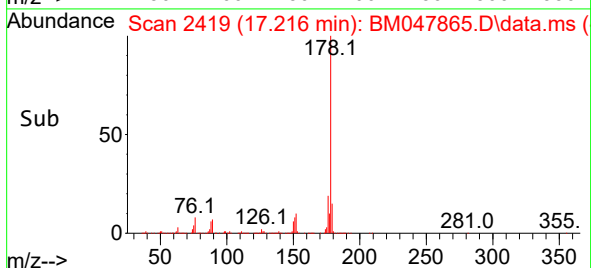
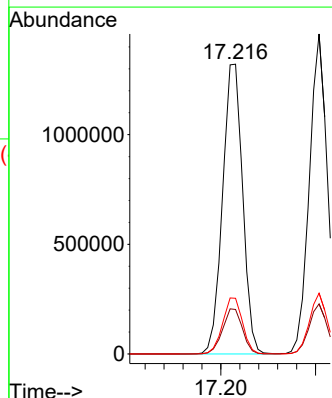
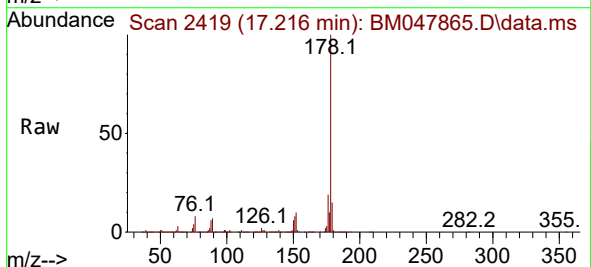
Tgt Ion:178 Resp: 1948855

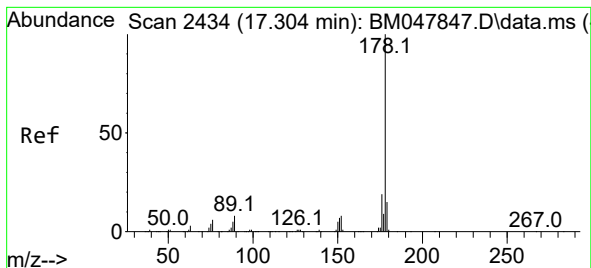
Ion Ratio Lower Upper

178 100

179 15.3 12.0 18.0

176 19.2 15.4 23.0





#74

Anthracene

Concen: 30.161 ng/uI

RT: 17.304 min Scan# 2434

Delta R.T. 0.000 min

Lab File: BM047865.D

Acq: 05 Oct 2024 06:51

Instrument :

BNA_M

ClientSampleId :

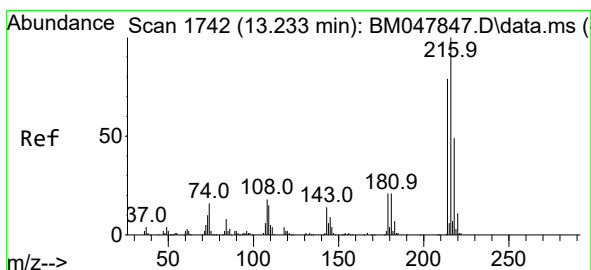
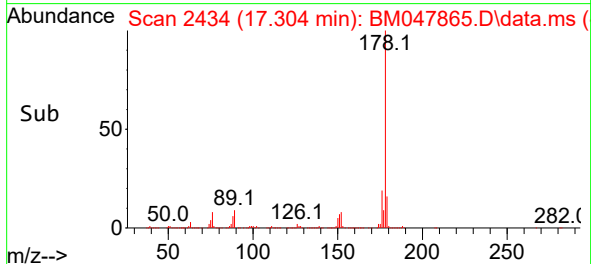
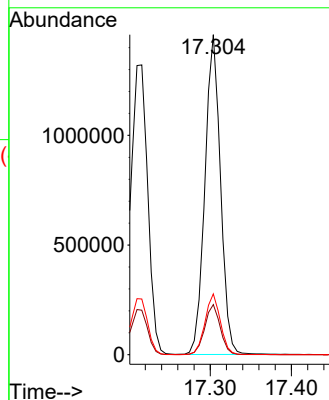
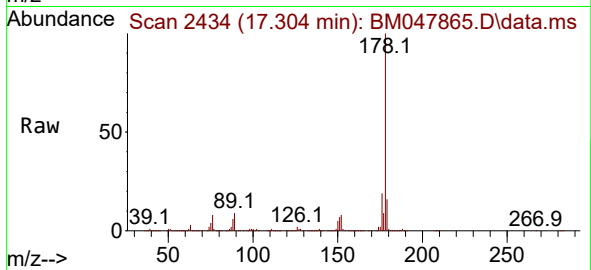
Tgt Ion:178 Resp: 1945324

Ion Ratio Lower Upper

178 100

179 15.6 12.4 18.6

176 19.0 14.7 22.1



#75

1,2,3,4-Tetrachlorobenzene

Concen: 29.996 ng/uI

RT: 13.233 min Scan# 1742

Delta R.T. 0.000 min

Lab File: BM047865.D

Acq: 05 Oct 2024 06:51

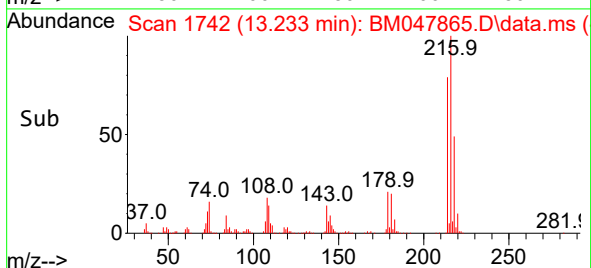
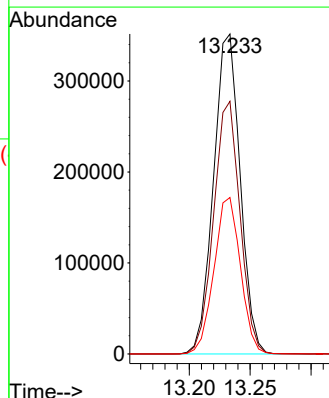
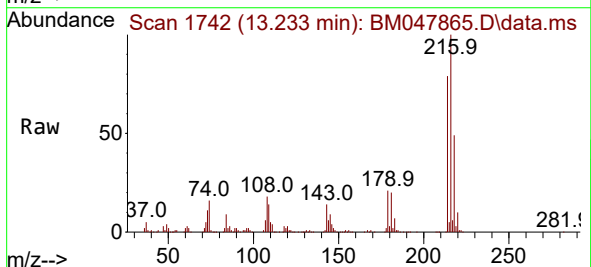
Tgt Ion:216 Resp: 535542

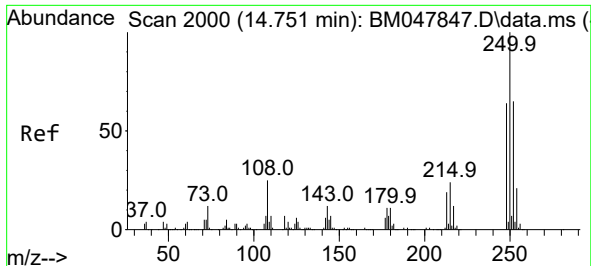
Ion Ratio Lower Upper

216 100

214 78.9 63.0 94.4

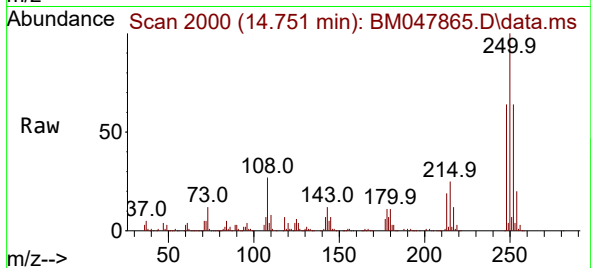
218 48.9 37.6 56.4



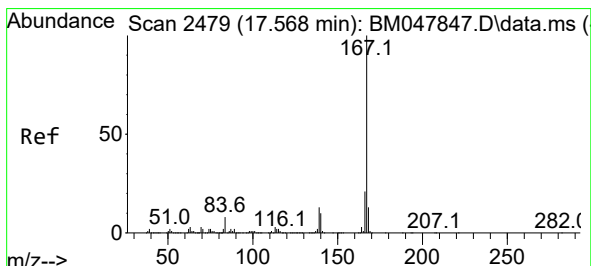
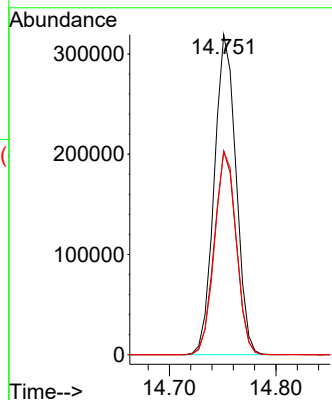
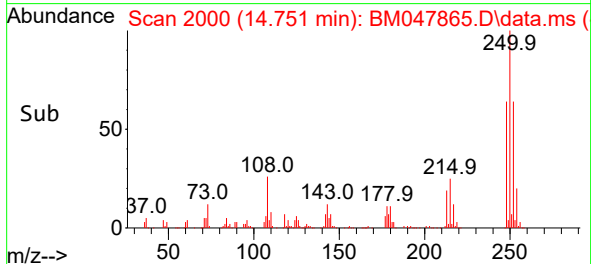


#76
 Pentachlorobenzene
 Concen: 25.937 ng/uL
 RT: 14.751 min Scan# 2000
 Delta R.T. -0.006 min
 Lab File: BM047865.D
 Acq: 05 Oct 2024 06:51

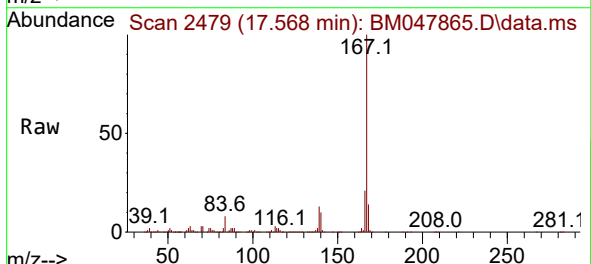
Instrument :
 BNA_M
 ClientSampleId :



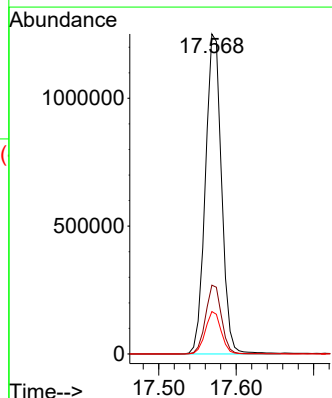
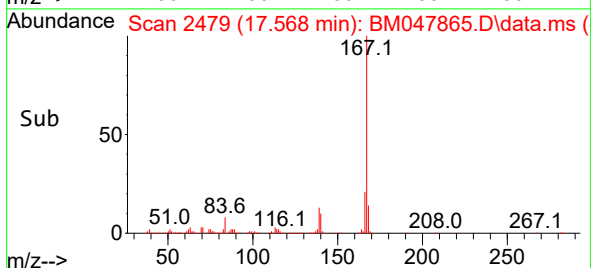
Tgt Ion:250 Resp: 452003
 Ion Ratio Lower Upper
 250 100
 248 63.6 50.2 75.2
 252 63.7 49.4 74.0

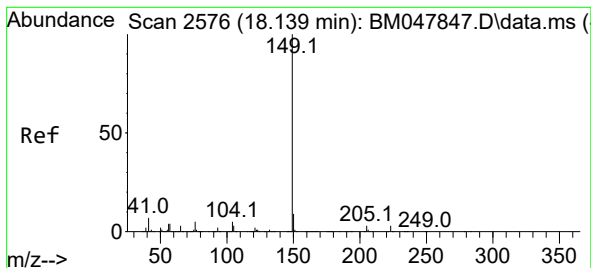


#77
 Carbazole
 Concen: 30.998 ng/uL
 RT: 17.568 min Scan# 2479
 Delta R.T. -0.006 min
 Lab File: BM047865.D
 Acq: 05 Oct 2024 06:51



Tgt Ion:167 Resp: 1812186
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.4 26.0
 139 13.2 10.9 16.3





#78

Di-n-butylphthalate

Concen: 33.679 ng/ul

RT: 18.139 min Scan# 2191984

Delta R.T. 0.000 min

Lab File: BM047865.D

Acq: 05 Oct 2024 06:51

Instrument :

BNA_M

ClientSampleId :

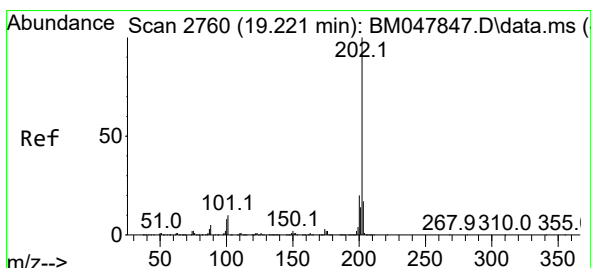
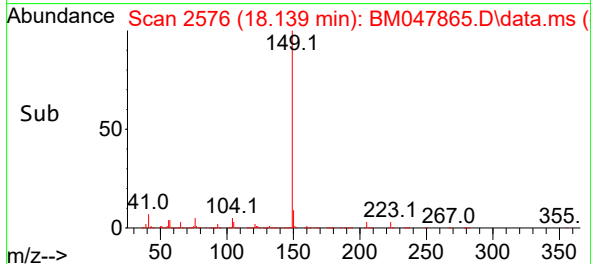
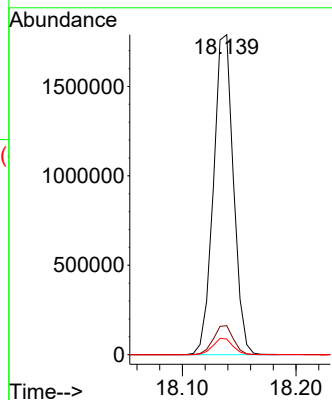
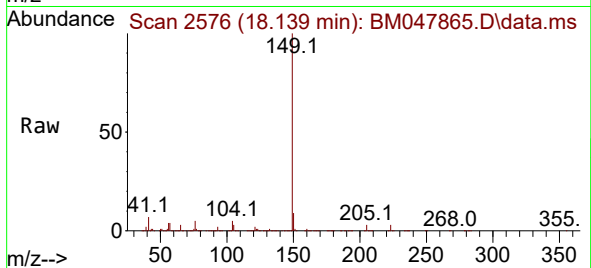
Tgt Ion:149 Resp: 2191984

Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

104 4.9 4.6 7.0



#80

Fluoranthene

Concen: 31.387 ng/ul

RT: 19.221 min Scan# 2760

Delta R.T. -0.006 min

Lab File: BM047865.D

Acq: 05 Oct 2024 06:51

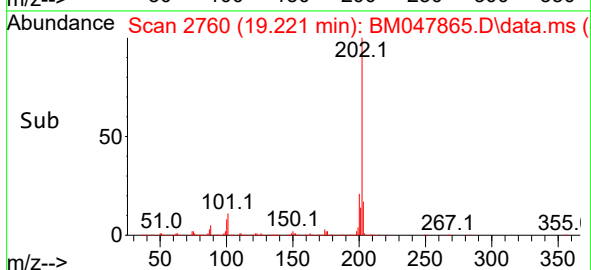
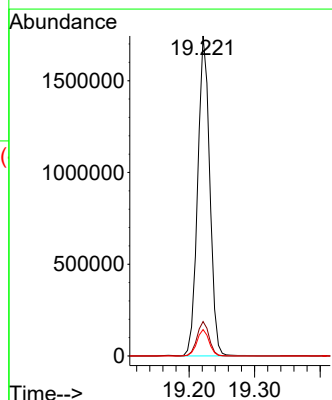
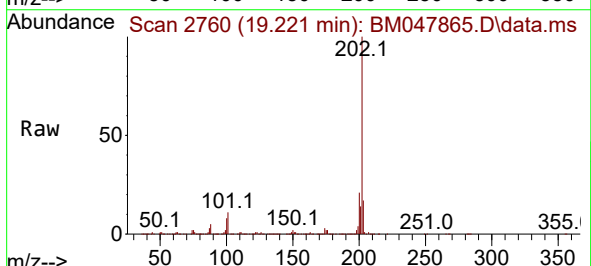
Tgt Ion:202 Resp: 2238307

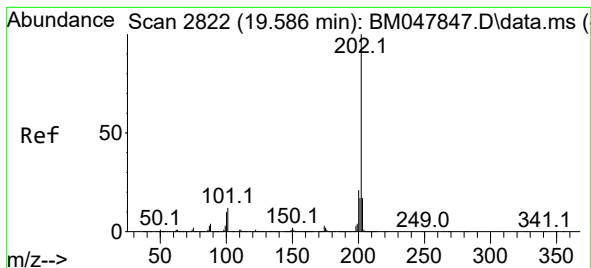
Ion Ratio Lower Upper

202 100

101 10.7 9.0 13.4

100 8.3 6.8 10.2





#82

Pyrene

Concen: 30.849 ng/ul

RT: 19.586 min Scan# 2

Delta R.T. 0.000 min

Lab File: BM047865.D

Acq: 05 Oct 2024 06:51

Instrument :

BNA_M

ClientSampleId :

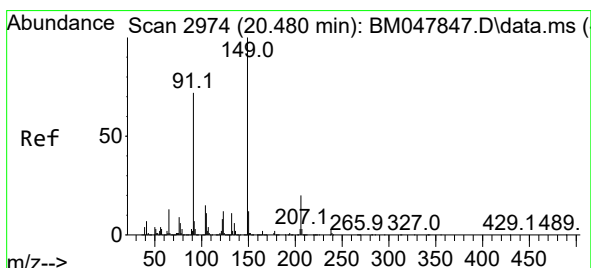
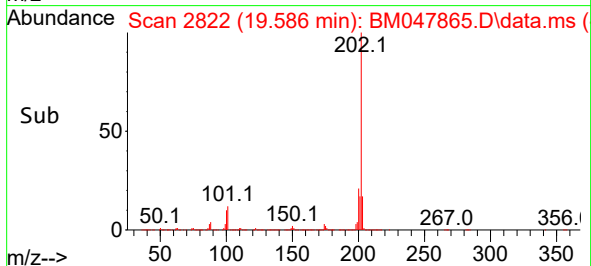
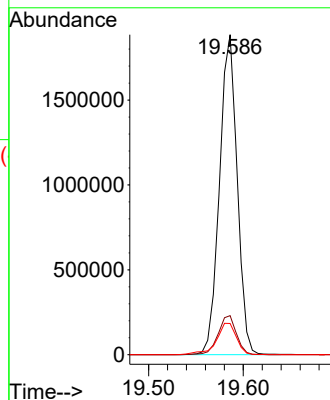
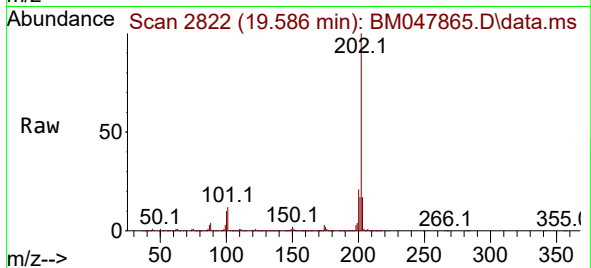
Tgt Ion:202 Resp: 2448559

Ion Ratio Lower Upper

202 100

101 12.2 10.9 16.3

100 9.8 9.4 14.2



#83

Butylbenzylphthalate

Concen: 34.215 ng/ul

RT: 20.480 min Scan# 2974

Delta R.T. 0.000 min

Lab File: BM047865.D

Acq: 05 Oct 2024 06:51

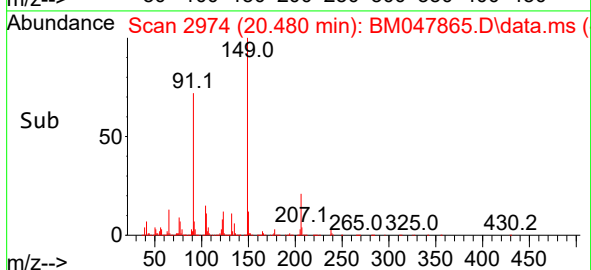
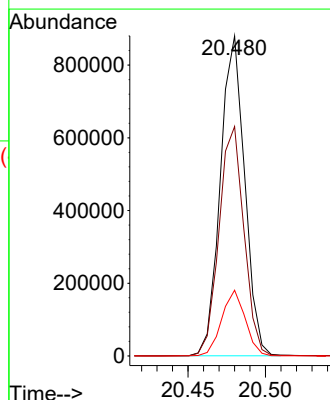
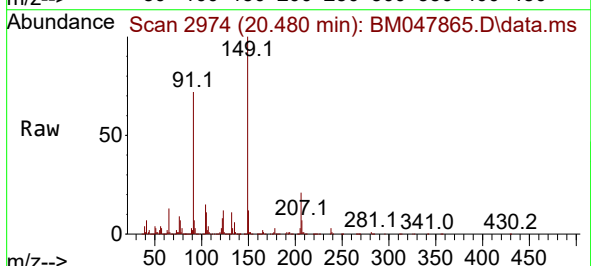
Tgt Ion:149 Resp: 960103

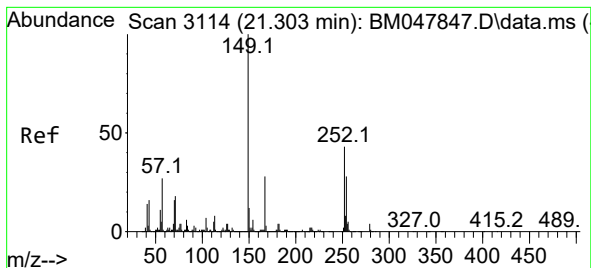
Ion Ratio Lower Upper

149 100

91 71.7 66.9 100.3

206 20.6 14.4 21.6





#84

3,3'-Dichlorobenzidine

Concen: 32.652 ng/ul

RT: 21.298 min Scan# 3113

Delta R.T. -0.006 min

Lab File: BM047865.D

Acq: 05 Oct 2024 06:51

Instrument :

BNA_M

ClientSampleId :

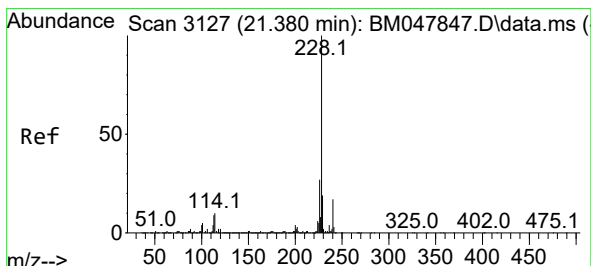
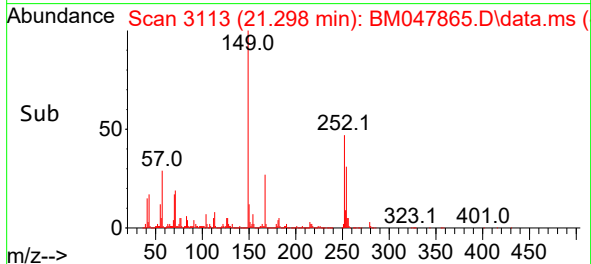
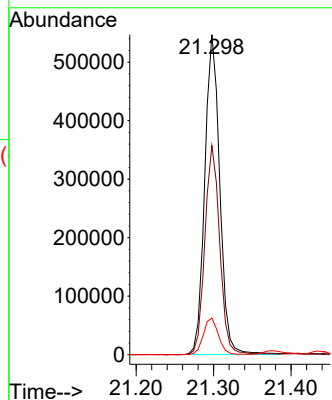
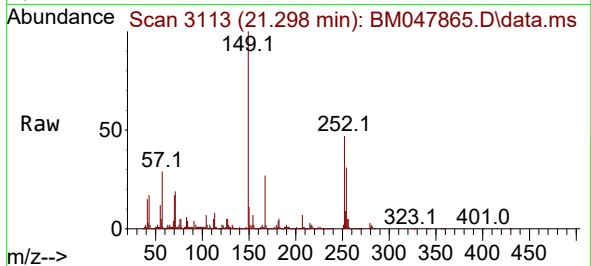
Tgt Ion:252 Resp: 736096

Ion Ratio Lower Upper

252 100

254 65.4 51.5 77.3

126 11.5 9.4 14.0



#85

Benzo(a)anthracene

Concen: 31.744 ng/ul

RT: 21.374 min Scan# 3126

Delta R.T. -0.006 min

Lab File: BM047865.D

Acq: 05 Oct 2024 06:51

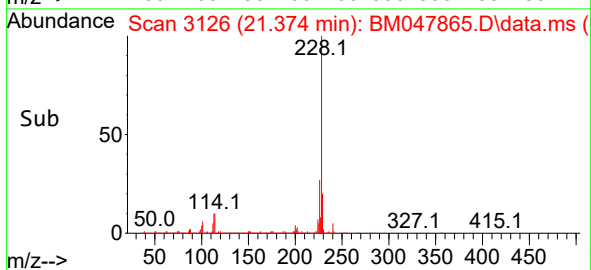
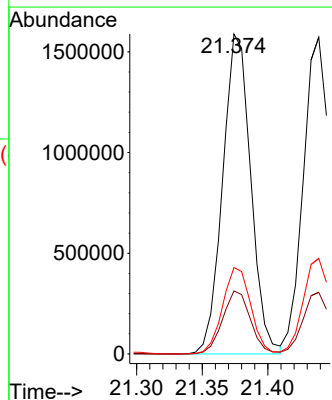
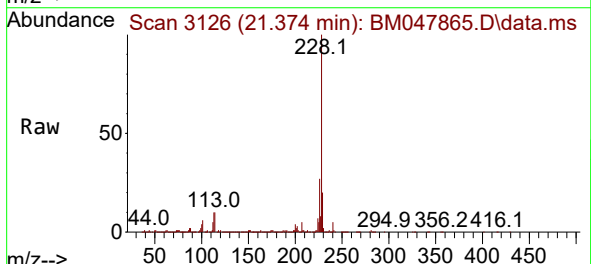
Tgt Ion:228 Resp: 2371301

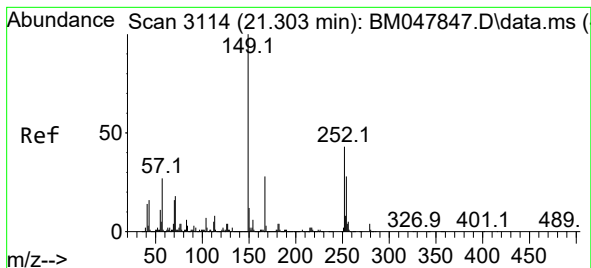
Ion Ratio Lower Upper

228 100

229 19.7 15.6 23.4

226 27.0 21.9 32.9

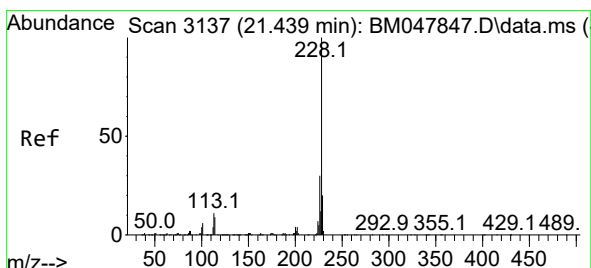
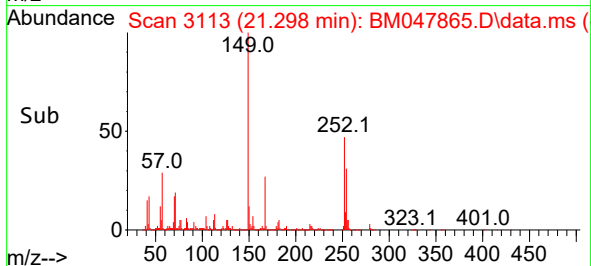
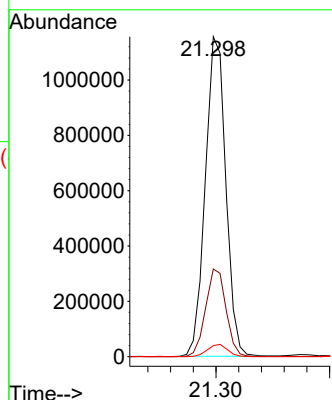
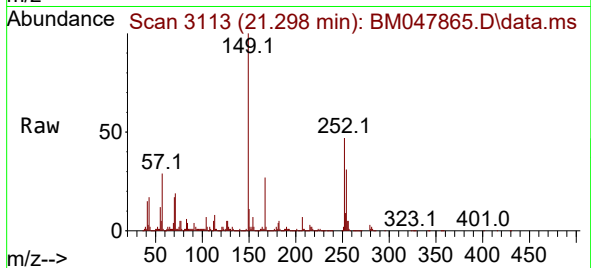




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 34.309 ng/ul
 RT: 21.298 min Scan# 3113
 Delta R.T. -0.006 min
 Lab File: BM047865.D
 Acq: 05 Oct 2024 06:51

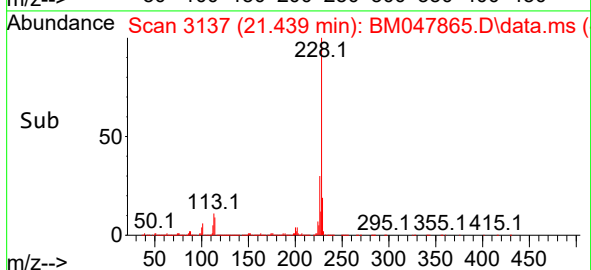
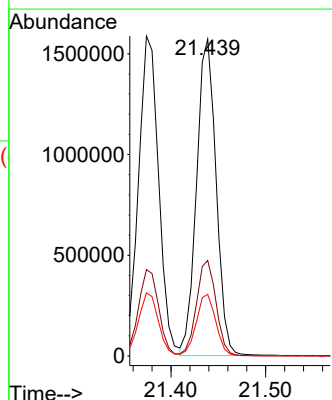
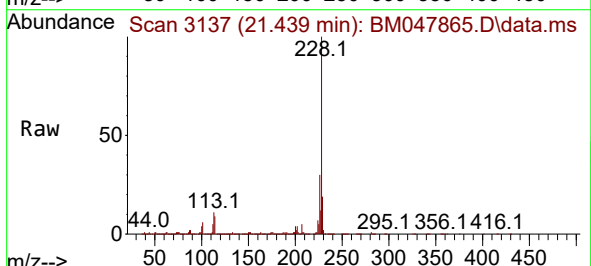
Instrument :
 BNA_M
 ClientSampleId :

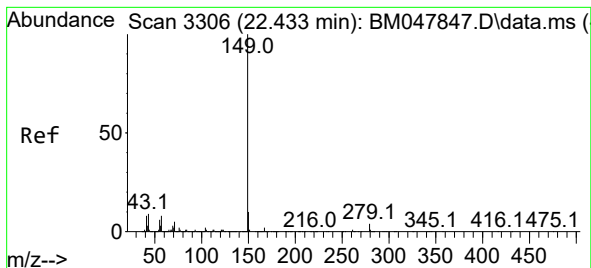
Tgt Ion:149 Resp: 1445446
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.3 31.9
 279 3.4 2.7 4.1



#87
 Chrysene
 Concen: 30.936 ng/ul
 RT: 21.439 min Scan# 3137
 Delta R.T. 0.000 min
 Lab File: BM047865.D
 Acq: 05 Oct 2024 06:51

Tgt Ion:228 Resp: 2252864
 Ion Ratio Lower Upper
 228 100
 226 30.1 23.6 35.4
 229 19.4 15.3 22.9





#89

Di-n-octyl phthalate

Concen: 33.043 ng/ul

RT: 22.427 min Scan# 3306

Delta R.T. -0.006 min

Lab File: BM047865.D

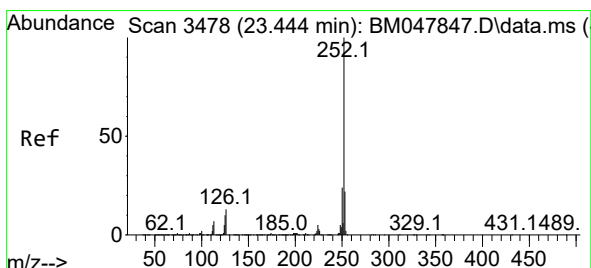
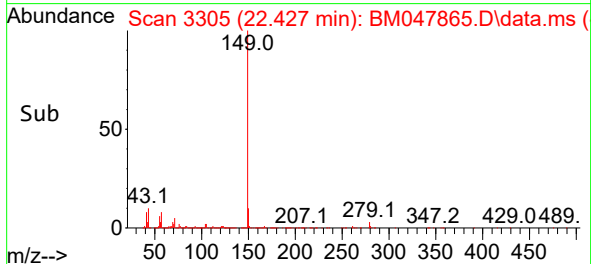
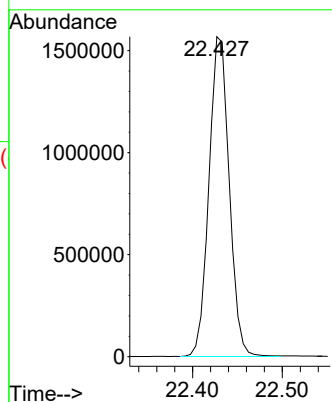
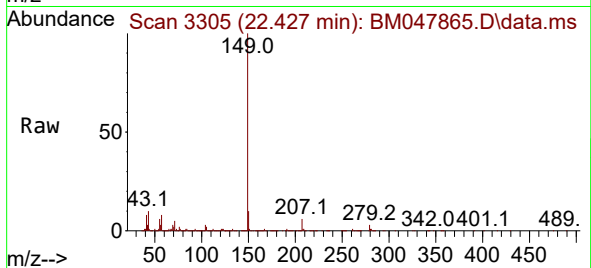
Acq: 05 Oct 2024 06:51

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:149 Resp: 2457395



#90

Benzo(b)fluoranthene

Concen: 31.989 ng/ul

RT: 23.445 min Scan# 3478

Delta R.T. -0.006 min

Lab File: BM047865.D

Acq: 05 Oct 2024 06:51

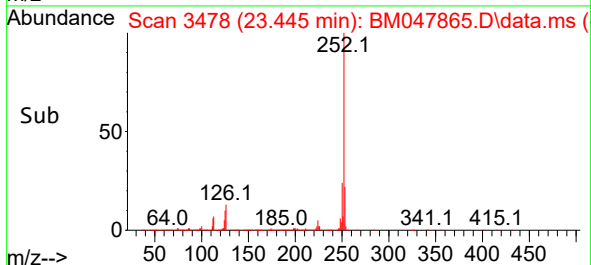
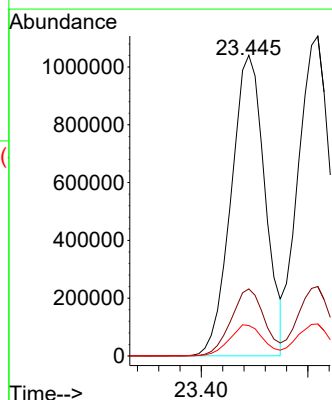
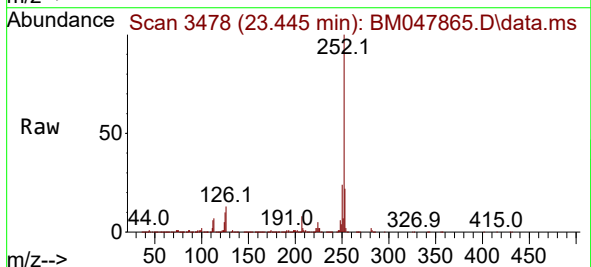
Tgt Ion:252 Resp: 2300084

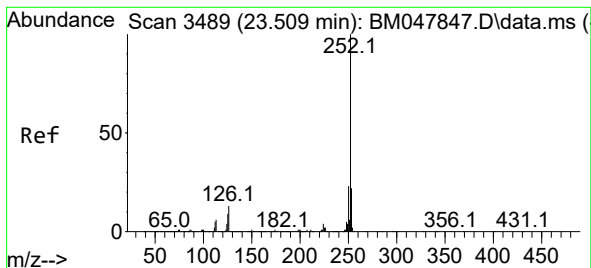
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

125 10.1 9.0 13.4





#91

Benzo(k)fluoranthene

Concen: 31.719 ng/ul

RT: 23.509 min Scan# 3489

Delta R.T. 0.000 min

Lab File: BM047865.D

Acq: 05 Oct 2024 06:51

Instrument :

BNA_M

ClientSampleId :

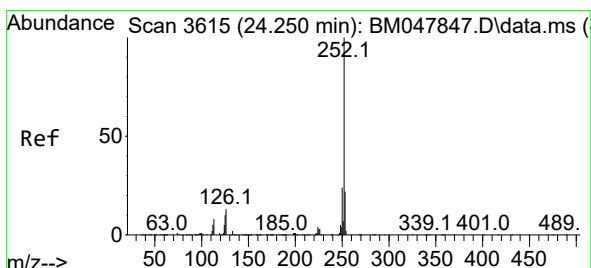
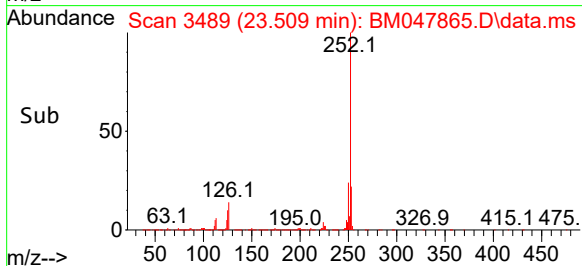
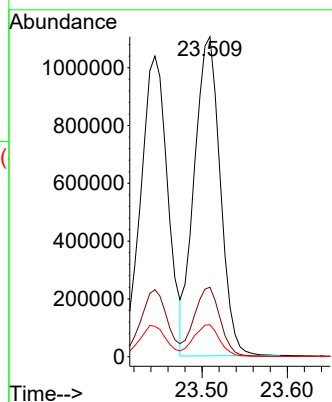
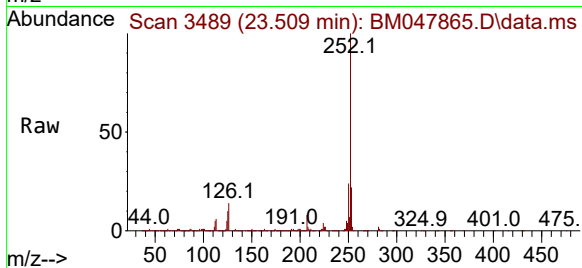
Tgt Ion:252 Resp: 2332015

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 10.0 8.9 13.3



#93

Benzo(a)pyrene

Concen: 28.917 ng/ul

RT: 24.250 min Scan# 3615

Delta R.T. -0.006 min

Lab File: BM047865.D

Acq: 05 Oct 2024 06:51

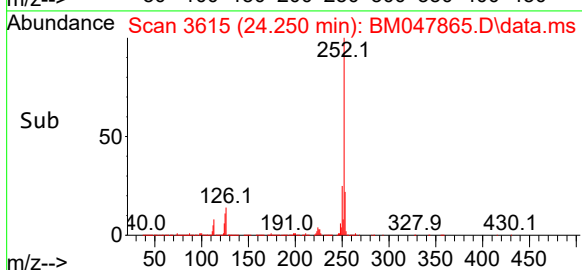
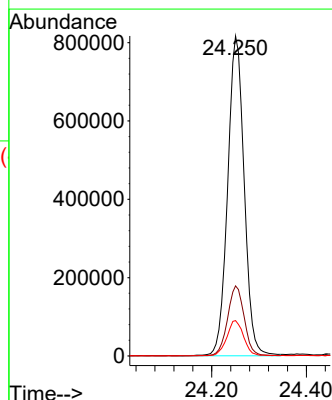
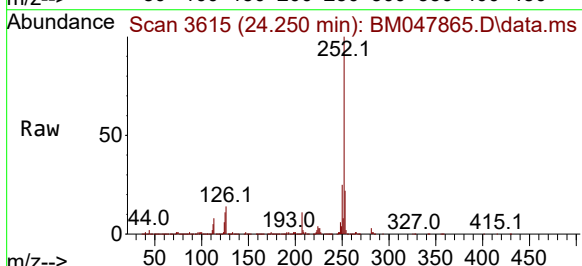
Tgt Ion:252 Resp: 1974658

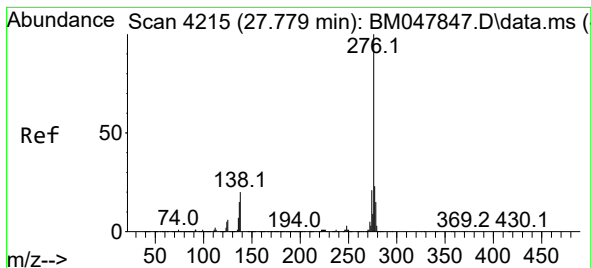
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 11.1 10.1 15.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 30.917 ng/ul

RT: 27.774 min Scan# 41

Delta R.T. -0.006 min

Lab File: BM047865.D

Acq: 05 Oct 2024 06:51

Instrument :

BNA_M

ClientSampleId :

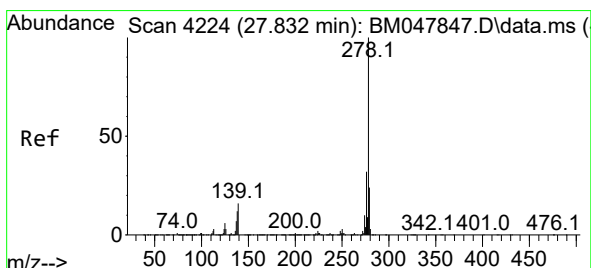
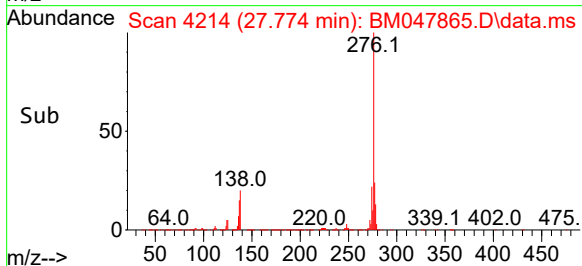
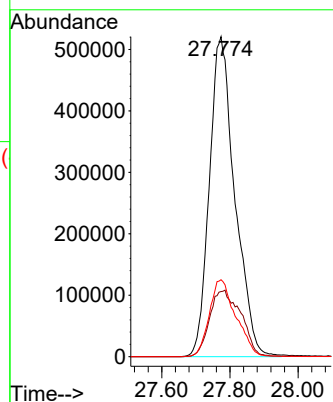
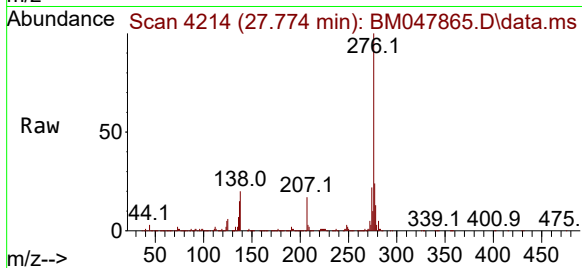
Tgt Ion:276 Resp: 2705610

Ion Ratio Lower Upper

276 100

138 20.4 16.9 25.3

277 24.1 18.9 28.3



#95

Dibenzo(a,h)anthracene

Concen: 31.046 ng/ul

RT: 27.827 min Scan# 4223

Delta R.T. -0.011 min

Lab File: BM047865.D

Acq: 05 Oct 2024 06:51

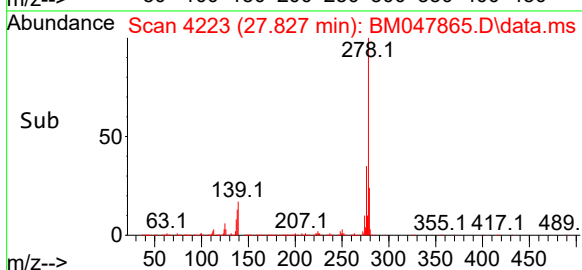
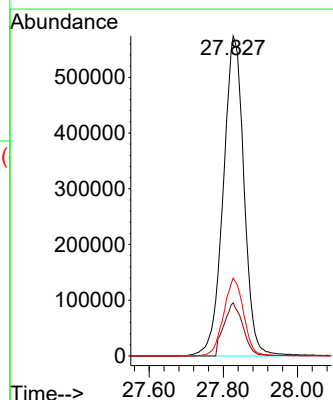
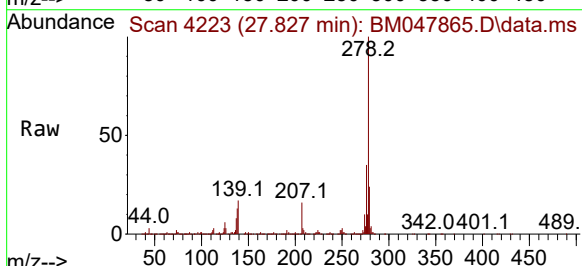
Tgt Ion:278 Resp: 2226540

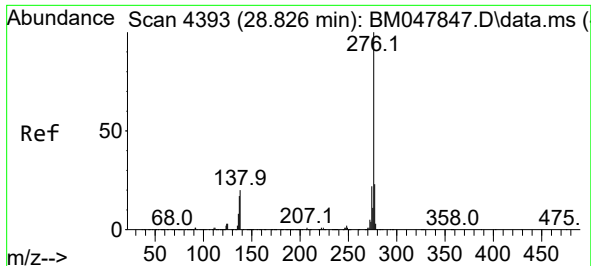
Ion Ratio Lower Upper

278 100

139 16.6 13.4 20.2

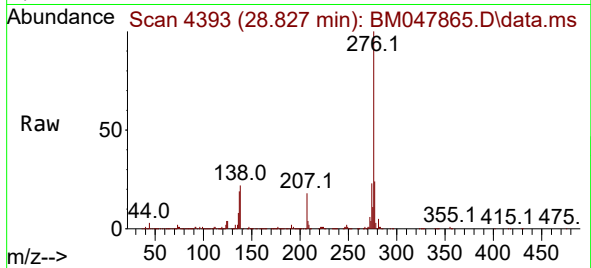
279 24.3 18.4 27.6





#96
 Benzo(g,h,i)perylene
 Concen: 30.731 ng/ul
 RT: 28.827 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: BM047865.D
 Acq: 05 Oct 2024 06:51

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:276 Resp: 2107101

Ion	Ratio	Lower	Upper
276	100		
138	22.1	18.7	28.1
277	23.6	18.3	27.5

