

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062824\
 Data File : BM046347.D
 Acq On : 28 Jun 2024 10:57
 Operator : MA/JU
 Sample : PB161765BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB161765BS

Quant Time: Jun 28 11:38:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 03:23:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.369	152	71082	20.000	ng	0.00
21) Naphthalene-d8	10.128	136	341375	20.000	ng	0.00
39) Acenaphthene-d10	14.016	164	231491	20.000	ng	0.00
64) Phenanthrene-d10	16.774	188	490497	20.000	ng	0.00
76) Chrysene-d12	20.992	240	504829	20.000	ng	0.00
86) Perylene-d12	23.668	264	576222	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.052	112	750403	169.693	ng	0.00
7) Phenol-d6	6.634	99	1027838	163.615	ng	0.00
23) Nitrobenzene-d5	8.534	82	719572	87.383	ng	0.00
42) 2,4,6-Tribromophenol	15.527	330	440050	156.311	ng	0.00
45) 2-Fluorobiphenyl	12.633	172	1485248	86.961	ng	0.00
79) Terphenyl-d14	19.427	244	2667524	87.424	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.028	88	64365	37.751	ng	97
3) Pyridine	3.416	79	165138	34.661	ng	99
4) n-Nitrosodimethylamine	3.334	42	179517	48.647	ng	98
6) Aniline	6.746	93	194578	34.106	ng	98
8) 2-Chlorophenol	6.969	128	264966	53.780	ng	99
10) Phenol	6.657	94	355237	57.143	ng	99
11) bis(2-Chloroethyl)ether	6.834	93	255039	50.520	ng	99
12) 1,3-Dichlorobenzene	7.263	146	248793	45.548	ng	100
13) 1,4-Dichlorobenzene	7.404	146	255114	45.389	ng	98
14) 1,2-Dichlorobenzene	7.716	146	254190	45.869	ng	98
15) Benzyl Alcohol	7.651	79	274407	53.135	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.899	45	435184	50.654	ng	96
17) 2-Methylphenol	7.875	107	238398	54.993	ng	99
18) Hexachloroethane	8.428	117	115183	45.491	ng	97
19) n-Nitroso-di-n-propyla...	8.198	70	242856	50.921	ng	99
20) 3+4-Methylphenols	8.204	107	335621	53.385	ng	97
22) Acetophenone	8.204	105	435743	45.697	ng	# 94
24) Nitrobenzene	8.575	77	361876	44.735	ng	97
25) Isophorone	9.104	82	649380	46.504	ng	99
26) 2-Nitrophenol	9.275	139	141892	49.009	ng	99
27) 2,4-Dimethylphenol	9.381	122	205548	56.628	ng	97
28) bis(2-Chloroethoxy)met...	9.581	93	365701	47.402	ng	99
29) 2,4-Dichlorophenol	9.822	162	265822	54.228	ng	96
30) 1,2,4-Trichlorobenzene	9.992	180	247886	44.659	ng	98
31) Naphthalene	10.181	128	853181	45.604	ng	100
32) Benzoic acid	9.616	122	201709	46.173	ng	96
33) 4-Chloroaniline	10.351	127	178535	27.243	ng	97
34) Hexachlorobutadiene	10.463	225	145889	42.633	ng	99
35) Caprolactam	11.169	113	36692	20.435	ng	# 87
36) 4-Chloro-3-methylphenol	11.492	107	321524	52.717	ng	98
37) 2-Methylnaphthalene	11.798	142	599970	47.552	ng	98
38) 1-Methylnaphthalene	12.028	142	561999	45.049	ng	99
40) 1,2,4,5-Tetrachloroben...	12.181	216	280199	45.371	ng	98
41) Hexachlorocyclopentadiene	12.157	237	291173	120.315	ng	99
43) 2,4,6-Trichlorophenol	12.451	196	208203	50.758	ng	98
44) 2,4,5-Trichlorophenol	12.545	196	235278	49.778	ng	99

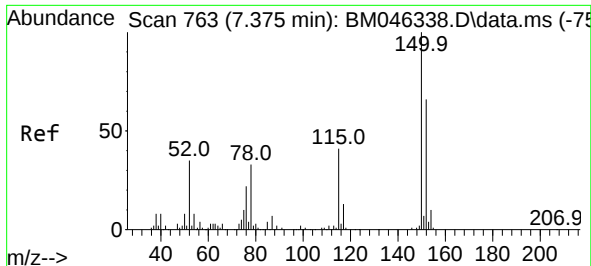
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	12.845	154	813427	46.936	ng	98
47) 2-Chloronaphthalene	12.875	162	612540	45.533	ng	99
48) 2-Nitroaniline	13.133	65	278493	52.145	ng	98
49) Acenaphthylene	13.739	152	1089197	52.517	ng	99
50) Dimethylphthalate	13.522	163	837882	49.513	ng	99
51) 2,6-Dinitrotoluene	13.633	165	180283	47.839	ng	97
52) Acenaphthene	14.080	154	611151	47.408	ng	99
53) 3-Nitroaniline	13.980	138	135515	35.591	ng	99
54) 2,4-Dinitrophenol	14.180	184	226472	100.430	ng	95
55) Dibenzofuran	14.427	168	1008759	48.835	ng	99
56) 4-Nitrophenol	14.345	139	336155	105.352	ng	92
57) 2,4-Dinitrotoluene	14.433	165	270198	49.545	ng	98
58) Fluorene	15.075	166	850034	48.109	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.675	232	206917	51.940	ng	99
60) Diethylphthalate	14.892	149	920098	49.426	ng	99
61) 4-Chlorophenyl-phenyle...	15.080	204	393775	47.878	ng	98
62) 4-Nitroaniline	15.163	138	184873	49.477	ng	96
63) Azobenzene	15.374	77	1130385	50.956	ng	98
65) 4,6-Dinitro-2-methylph...	15.198	198	142737	45.906	ng	96
66) n-Nitrosodiphenylamine	15.310	169	700261	49.152	ng	99
67) 4-Bromophenyl-phenylether	15.974	248	237462	47.413	ng	97
68) Hexachlorobenzene	16.080	284	271432	45.904	ng	96
69) Atrazine	16.286	200	223374	56.721	ng	98
70) Pentachlorophenol	16.445	266	399478	107.409	ng	97
71) Phenanthrene	16.816	178	1298658	49.755	ng	100
72) Anthracene	16.910	178	1286698	50.680	ng	100
73) Carbazole	17.204	167	1245997	49.842	ng	99
74) Di-n-butylphthalate	17.763	149	1663559	49.529	ng	100
75) Fluoranthene	18.839	202	1499963	48.632	ng	99
77) Benzidine	19.068	184	240747	45.962	ng	99
78) Pyrene	19.210	202	1588276	45.294	ng	99
80) Butylbenzylphthalate	20.139	149	815973	49.456	ng	96
81) Benzo(a)anthracene	20.980	228	1652834	49.910	ng	100
82) 3,3'-Dichlorobenzidine	20.927	252	462632	43.553	ng	99
83) Chrysene	21.033	228	1584060	50.015	ng	99
84) Bis(2-ethylhexyl)phtha...	20.927	149	1271877	45.272	ng	99
85) Di-n-octyl phthalate	21.933	149	2155268	51.672	ng	100
87) Indeno(1,2,3-cd)pyrene	26.621	276	2093894	56.657	ng	100
88) Benzo(b)fluoranthene	22.833	252	1807539	52.961	ng	99
89) Benzo(k)fluoranthene	22.892	252	1819595	53.595	ng	99
90) Benzo(a)pyrene	23.545	252	1694368	56.522	ng	99
91) Dibenzo(a,h)anthracene	26.662	278	1762227	57.106	ng	99
92) Benzo(g,h,i)perylene	27.538	276	1601833	52.407	ng	99

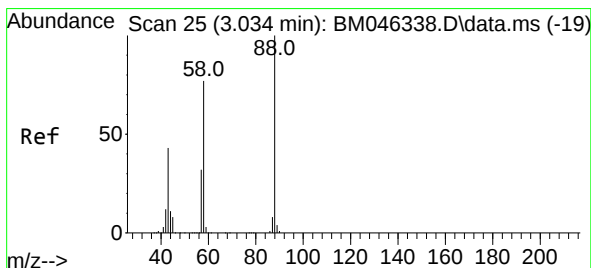
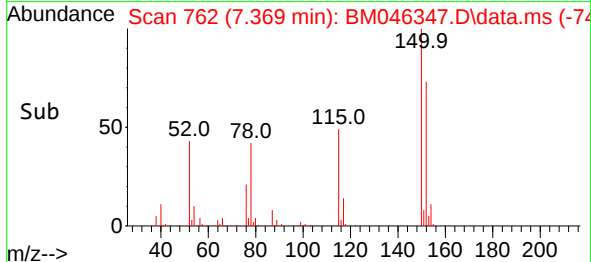
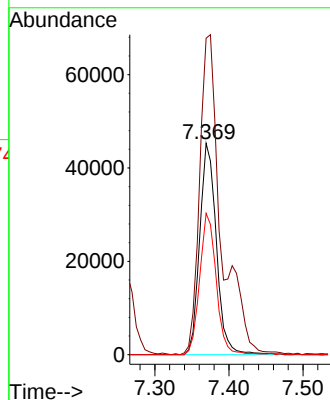
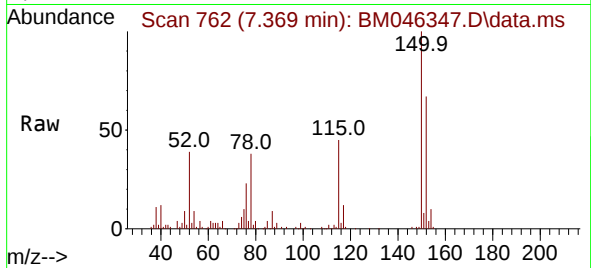
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.369 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM046347.D
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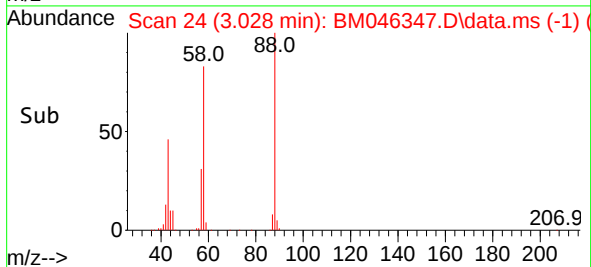
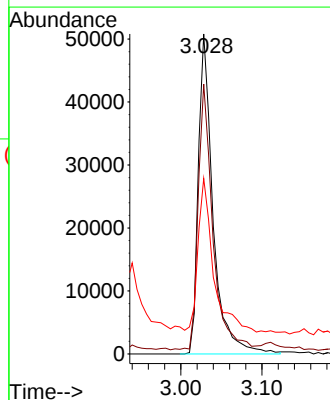
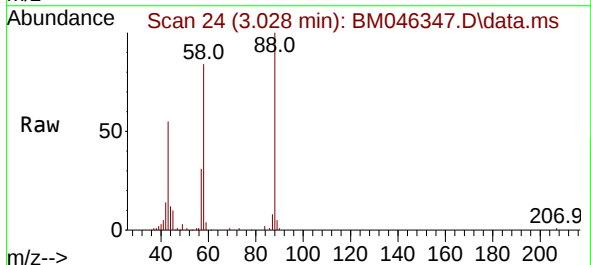
Instrument :
BNA_M
ClientSampleId :
PB161765BS

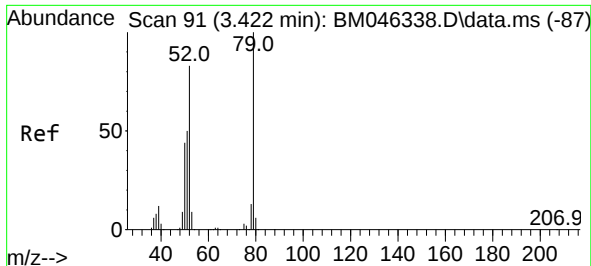
Tgt Ion:152 Resp: 71082
Ion Ratio Lower Upper
152 100
150 149.7 122.1 183.1
115 66.8 50.2 75.4



#2
1,4-Dioxane
Concen: 37.751 ng
RT: 3.028 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

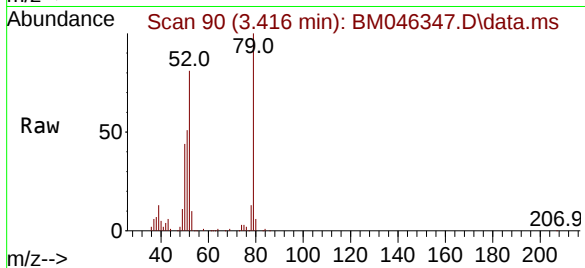
Tgt Ion: 88 Resp: 64365
Ion Ratio Lower Upper
88 100
58 82.0 65.2 97.8
43 53.6 38.4 57.6



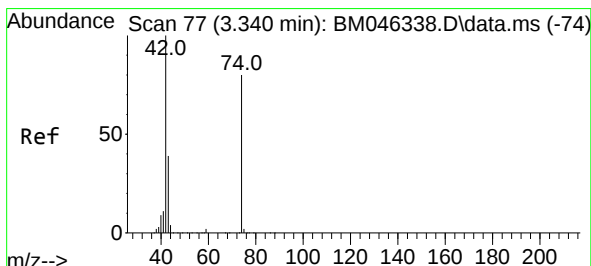
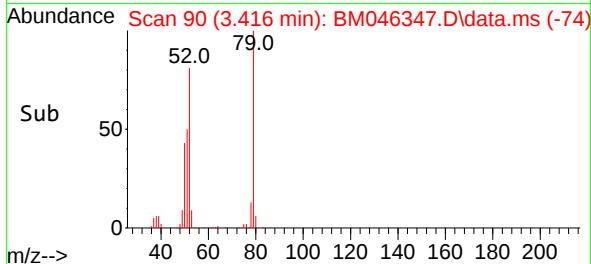
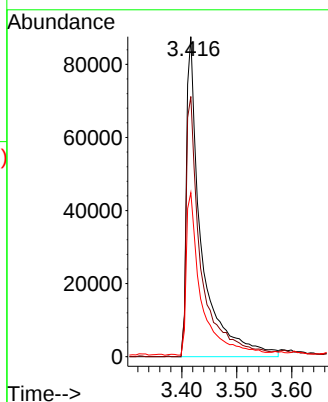


#3
Pyridine
Concen: 34.661 ng
RT: 3.416 min Scan# 90
Delta R.T. -0.006 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

Instrument :
BNA_M
ClientSampleId :
PB161765BS

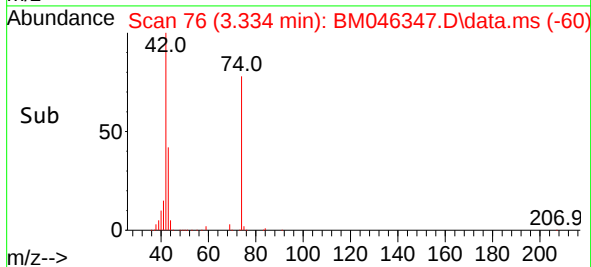
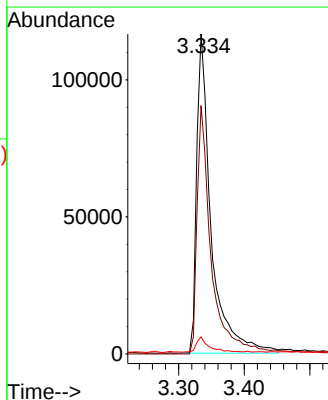
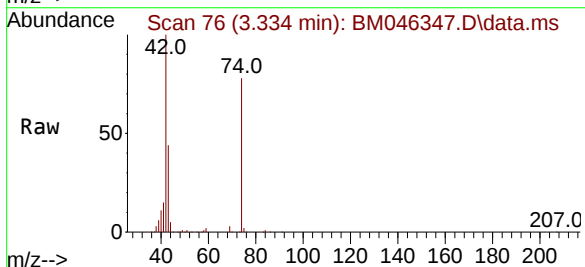


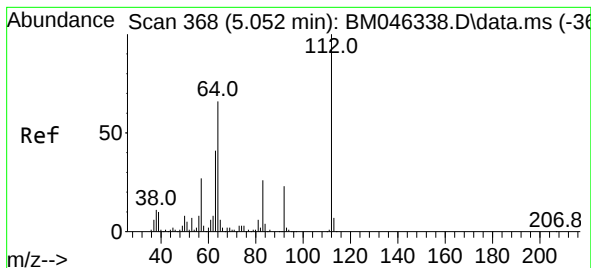
Tgt Ion: 79 Resp: 165138
Ion Ratio Lower Upper
79 100
52 81.3 66.4 99.6
51 51.2 40.8 61.2



#4
n-Nitrosodimethylamine
Concen: 48.647 ng
RT: 3.334 min Scan# 76
Delta R.T. -0.006 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

Tgt Ion: 42 Resp: 179517
Ion Ratio Lower Upper
42 100
74 77.6 63.6 95.4
44 5.3 3.8 5.6

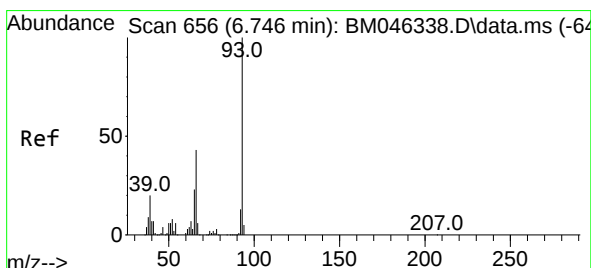
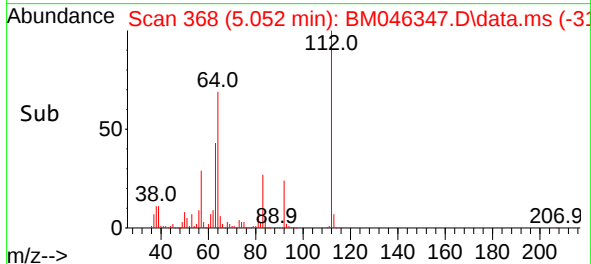
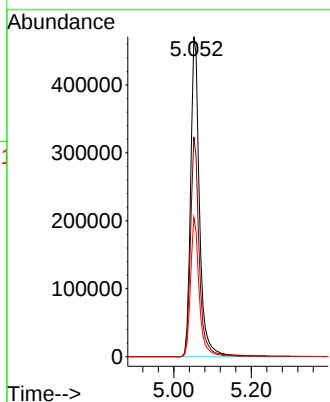
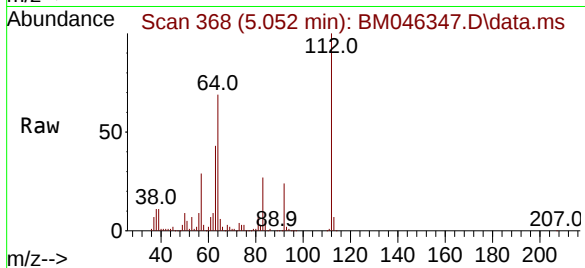




#5
2-Fluorophenol
Concen: 169.693 ng
RT: 5.052 min Scan# 368
Delta R.T. 0.000 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

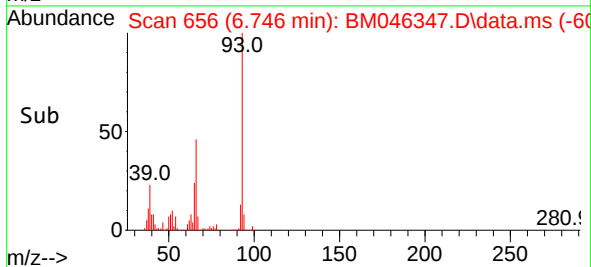
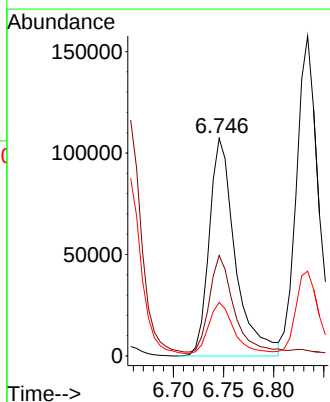
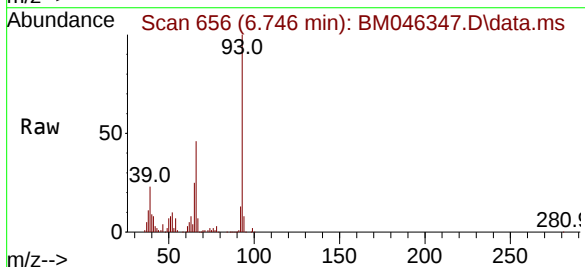
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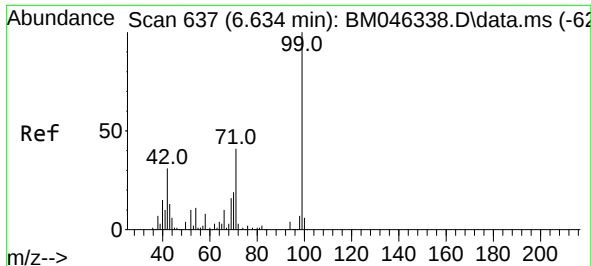
Tgt Ion: 112 Resp: 750403
Ion Ratio Lower Upper
112 100
64 68.7 52.8 79.2
63 43.5 32.9 49.3



#6
Aniline
Concen: 34.106 ng
RT: 6.746 min Scan# 656
Delta R.T. 0.000 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

Tgt Ion: 93 Resp: 194578
Ion Ratio Lower Upper
93 100
66 46.2 35.5 53.3
65 24.7 19.3 28.9



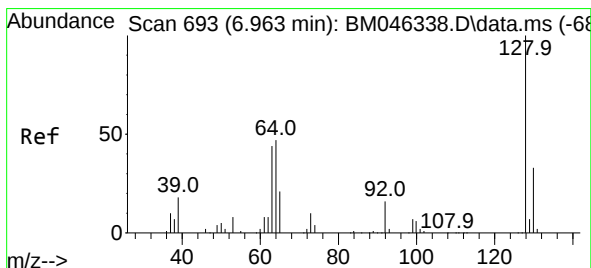
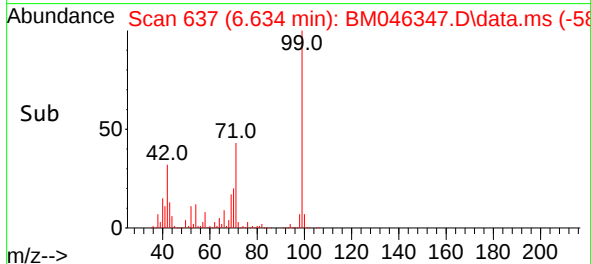
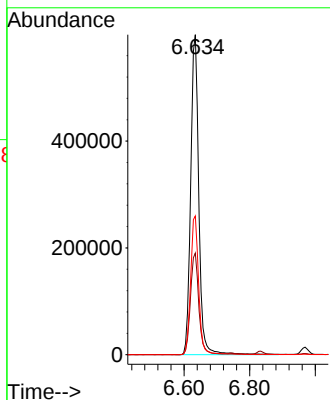
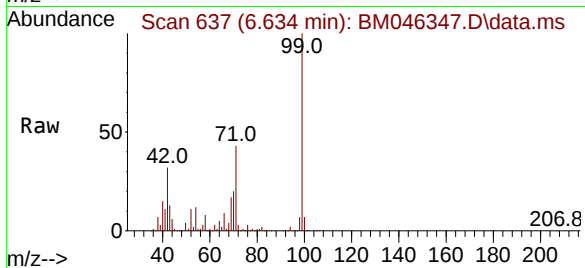


#7
Phenol-d6
Concen: 163.615 ng
RT: 6.634 min Scan# 613
Delta R.T. 0.000 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

Instrument :
BNA_M
ClientSampleId :
PB161765BS

Tgt Ion: 99 Resp: 1027838

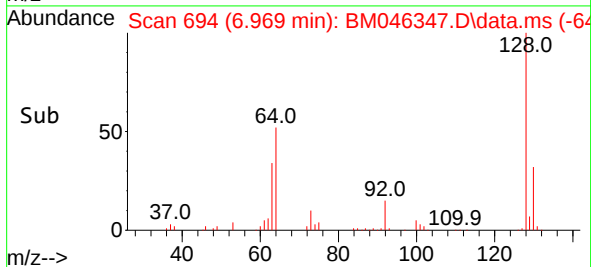
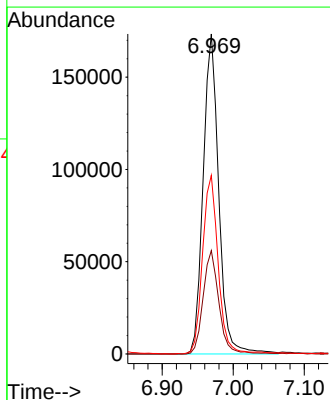
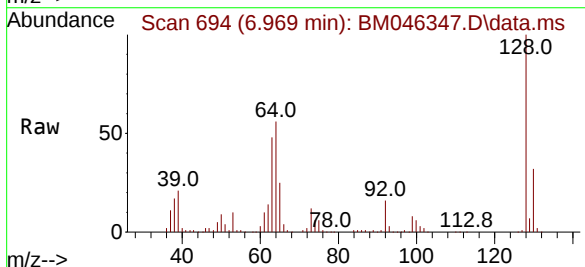
Ion	Ratio	Lower	Upper
99	100		
42	31.7	24.8	37.2
71	43.3	33.1	49.7

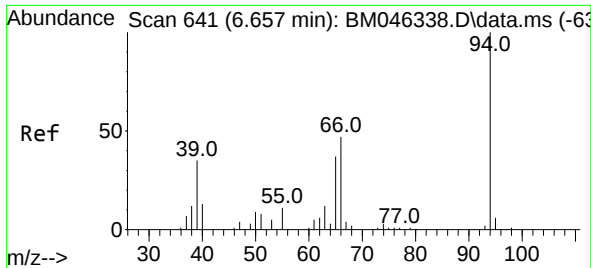


#8
2-Chlorophenol
Concen: 53.780 ng
RT: 6.969 min Scan# 694
Delta R.T. 0.006 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

Tgt Ion:128 Resp: 264966

Ion	Ratio	Lower	Upper
128	100		
130	32.3	13.0	53.0
64	55.8	36.5	76.5

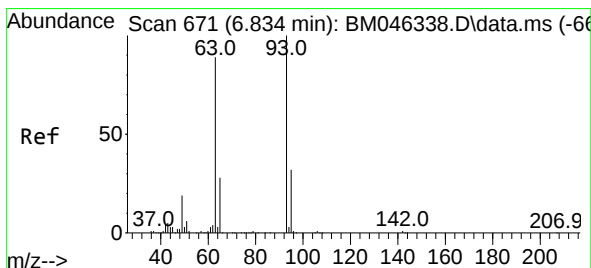
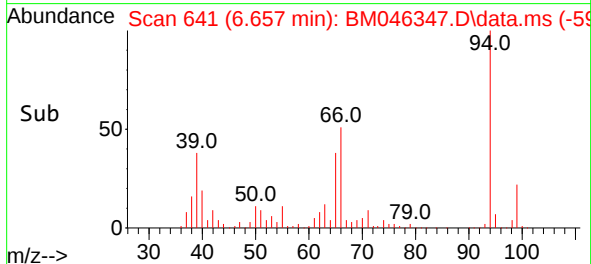
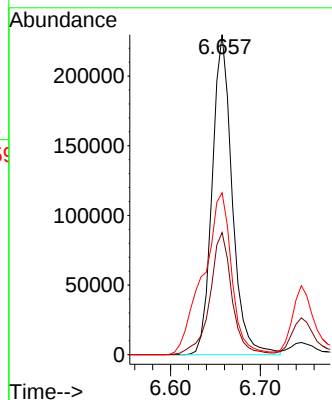
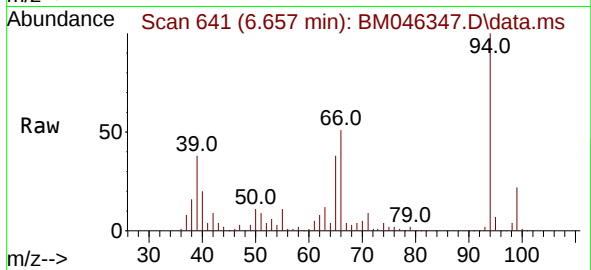




#10
Phenol
Concen: 57.143 ng
RT: 6.657 min Scan# 641
Delta R.T. 0.000 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

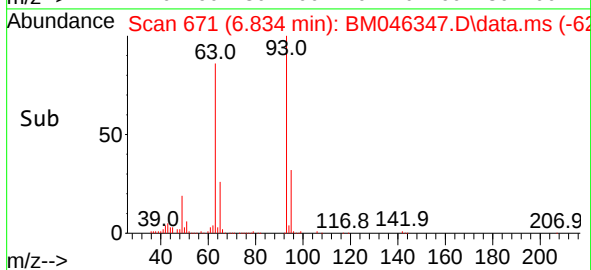
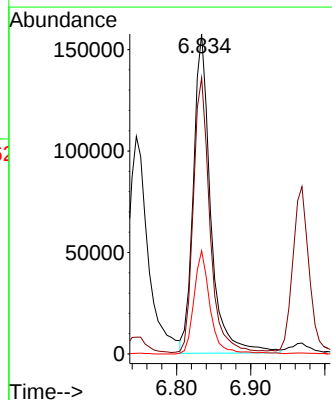
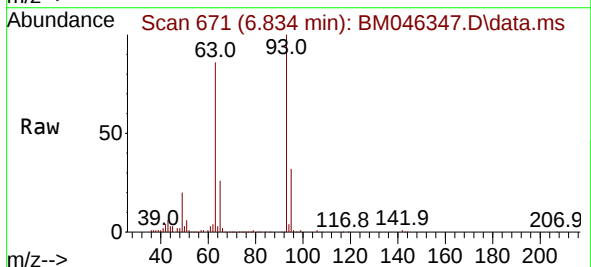
Instrument :
BNA_M
ClientSampleId :
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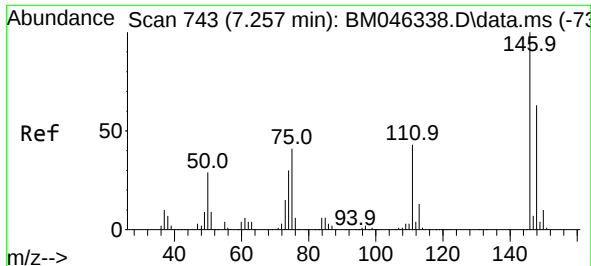
Tgt Ion: 94 Resp: 355237
Ion Ratio Lower Upper
94 100
65 38.1 17.6 57.6
66 50.6 29.9 69.9



#11
bis(2-Chloroethyl)ether
Concen: 50.520 ng
RT: 6.834 min Scan# 671
Delta R.T. 0.000 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

Tgt Ion: 93 Resp: 255039
Ion Ratio Lower Upper
93 100
63 86.3 67.2 107.2
95 32.2 11.4 51.4





#12

1,3-Dichlorobenzene

Concen: 45.548 ng

RT: 7.263 min Scan# 743

Delta R.T. 0.006 min

Lab File: BM046347.D

Acq: 28 Jun 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB161765BS

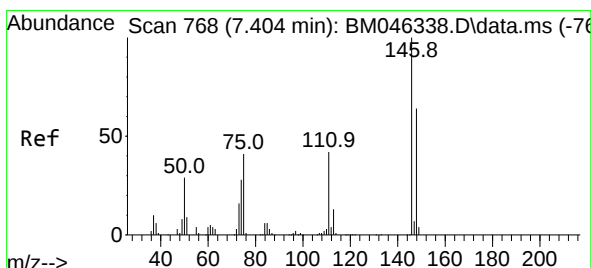
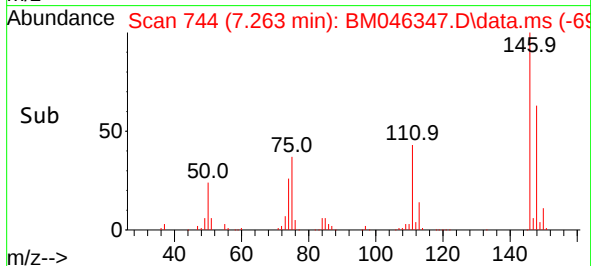
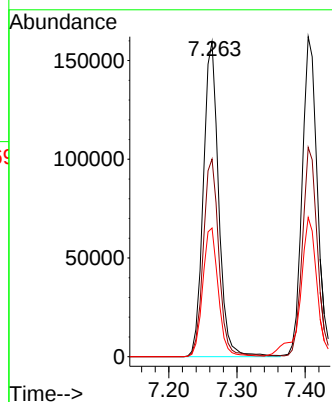
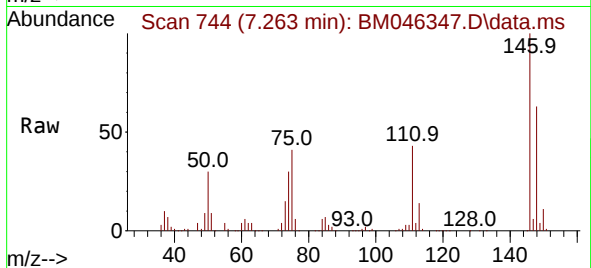
Tgt Ion:146 Resp: 248793

Ion Ratio Lower Upper

146 100

148 62.8 50.6 75.8

75 40.8 32.6 49.0



#13

1,4-Dichlorobenzene

Concen: 45.389 ng

RT: 7.404 min Scan# 768

Delta R.T. 0.000 min

Lab File: BM046347.D

Acq: 28 Jun 2024 10:57

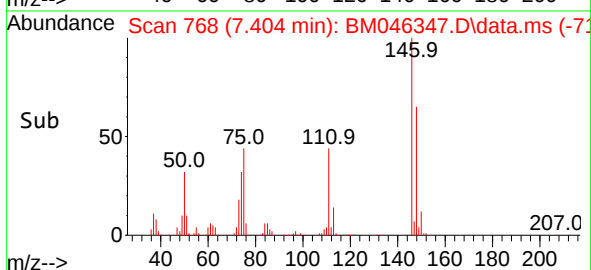
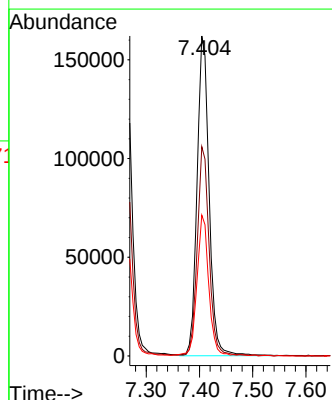
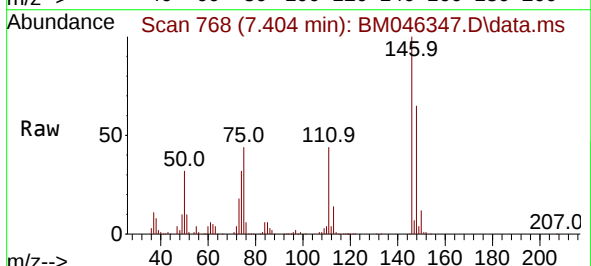
Tgt Ion:146 Resp: 255114

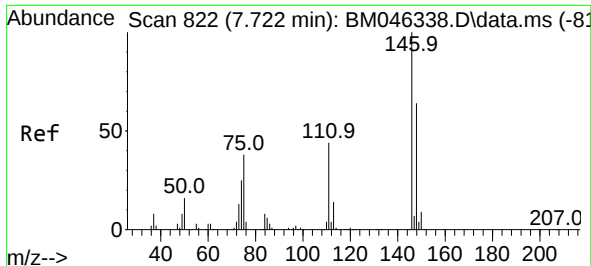
Ion Ratio Lower Upper

146 100

148 65.4 51.4 77.0

111 44.0 33.7 50.5

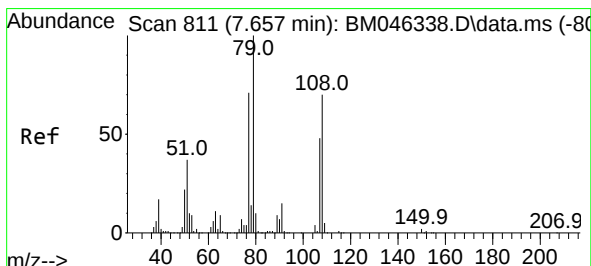
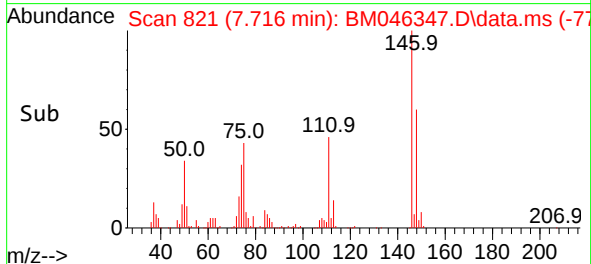
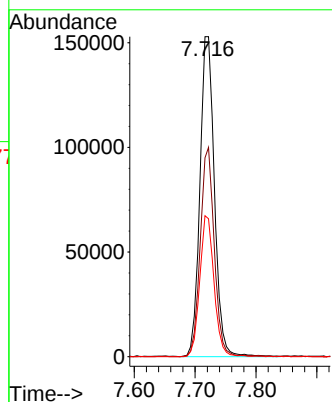
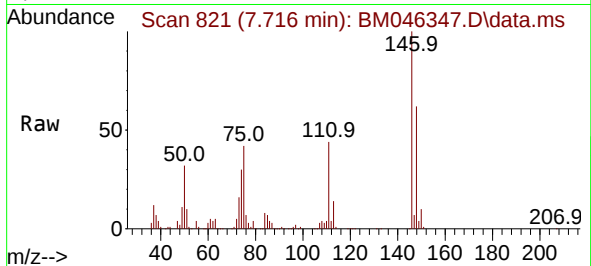




#14
1,2-Dichlorobenzene
Concen: 45.869 ng
RT: 7.716 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

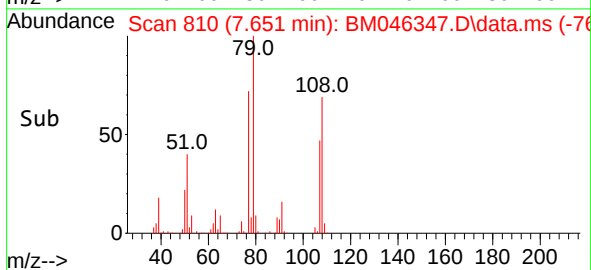
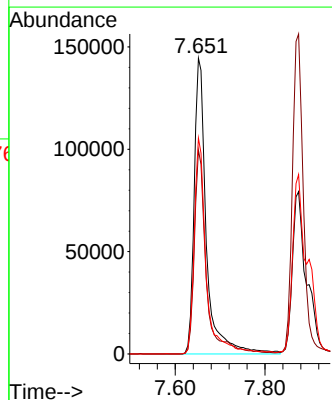
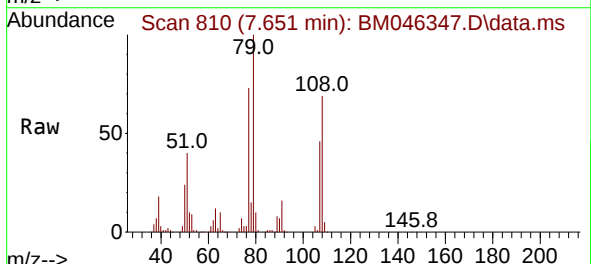
Instrument :
BNA_M
ClientSampleId :
PB161765BS

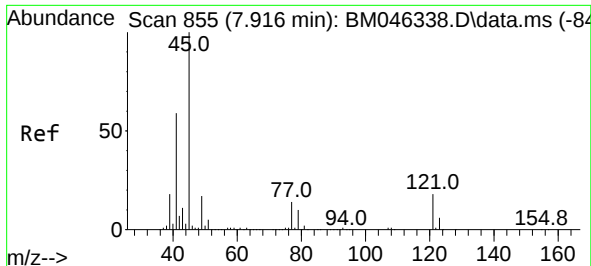
Tgt Ion:146 Resp: 254190
Ion Ratio Lower Upper
146 100
148 62.2 51.3 76.9
111 44.1 35.4 53.2



#15
Benzyl Alcohol
Concen: 53.135 ng
RT: 7.651 min Scan# 810
Delta R.T. -0.006 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

Tgt Ion: 79 Resp: 274407
Ion Ratio Lower Upper
79 100
108 68.9 56.1 84.1
77 73.0 56.9 85.3

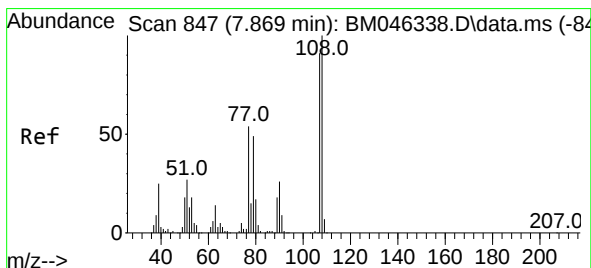
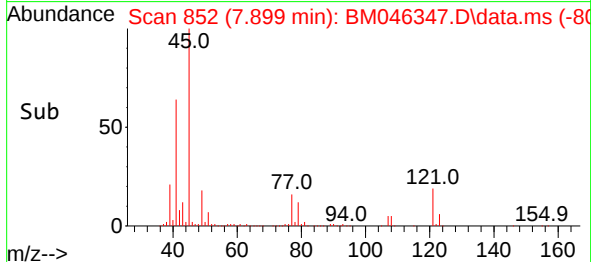
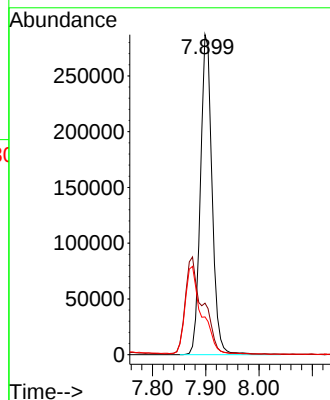
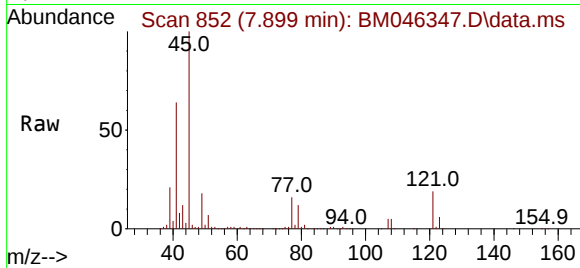




#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.654 ng
RT: 7.899 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

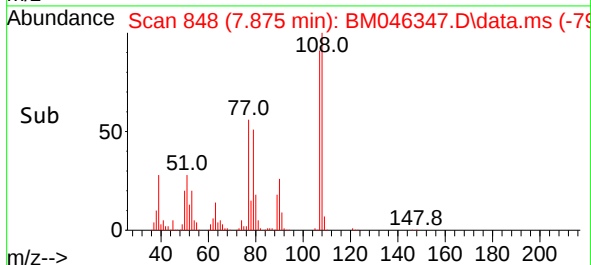
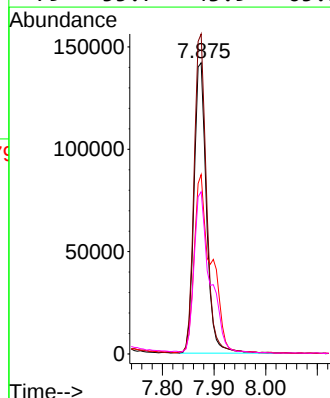
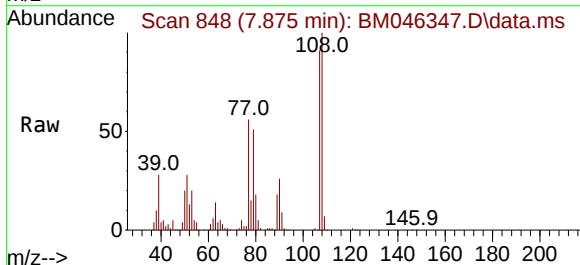
Instrument :
BNA_M
ClientSampleId :
PB161765BS

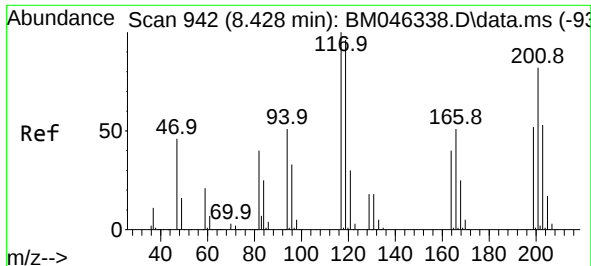
Tgt Ion: 45 Resp: 435184
Ion Ratio Lower Upper
45 100
77 16.1 0.0 34.3
79 11.8 0.0 30.8



#17
2-Methylphenol
Concen: 54.993 ng
RT: 7.875 min Scan# 848
Delta R.T. 0.006 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

Tgt Ion: 107 Resp: 238398
Ion Ratio Lower Upper
107 100
108 109.9 88.1 132.1
77 61.6 47.5 71.3
79 55.7 43.9 65.9

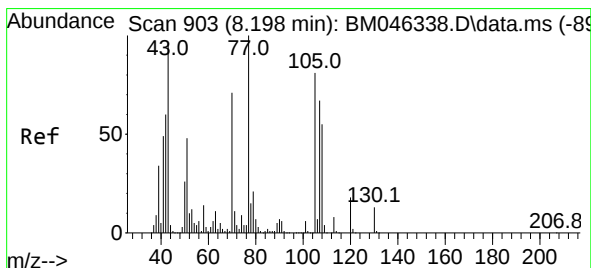
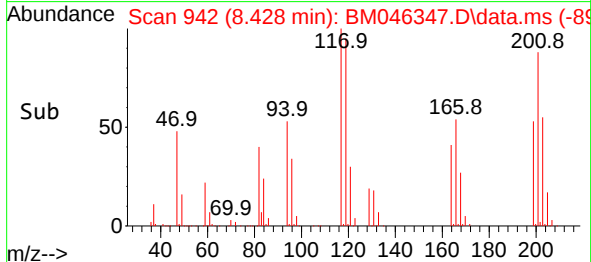
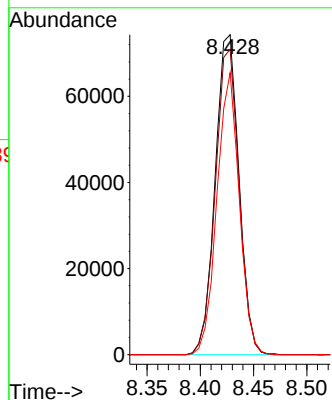
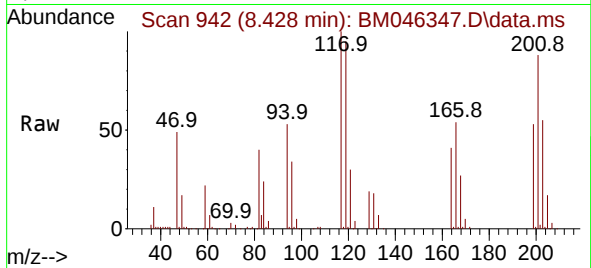




#18
Hexachloroethane
Concen: 45.491 ng
RT: 8.428 min Scan# 942
Delta R.T. 0.000 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

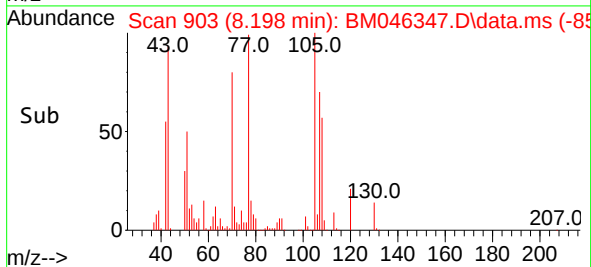
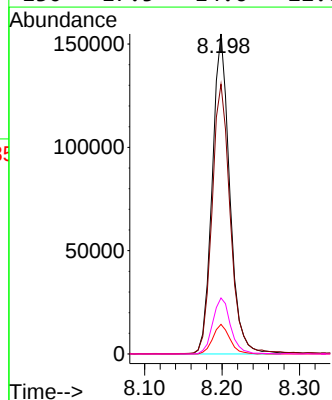
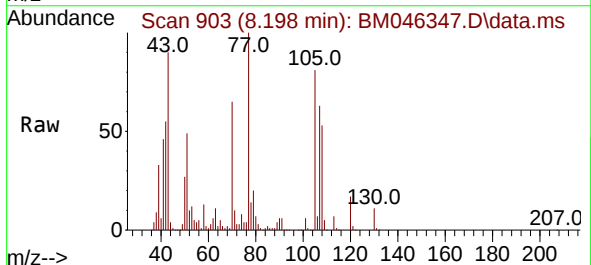
Instrument :
BNA_M
ClientSampleId :
PB161765BS

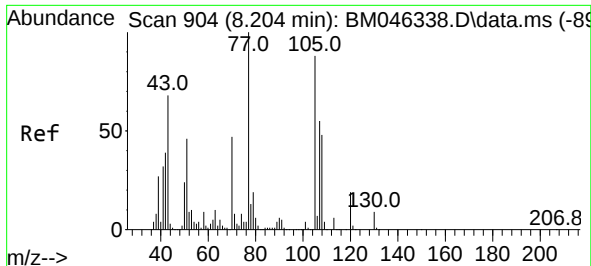
Tgt Ion:117 Resp: 115183
Ion Ratio Lower Upper
117 100
119 95.4 76.9 115.3
201 89.7 67.2 100.8



#19
n-Nitroso-di-n-propylamine
Concen: 50.921 ng
RT: 8.198 min Scan# 903
Delta R.T. 0.000 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

Tgt Ion: 70 Resp: 242856
Ion Ratio Lower Upper
70 100
42 84.3 67.0 100.6
101 9.3 7.3 10.9
130 17.5 14.6 22.0

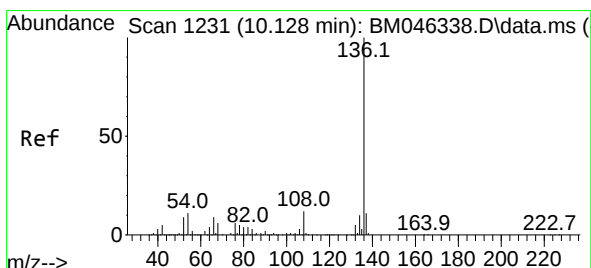
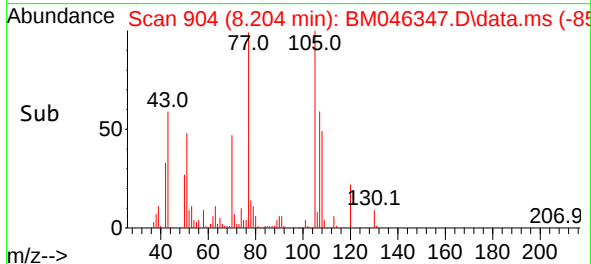
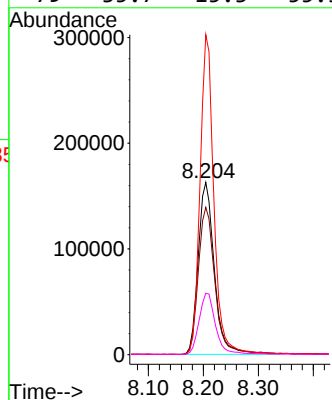
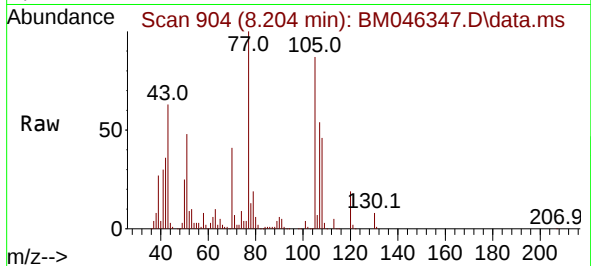




#20
3+4-Methylphenols
Concen: 53.385 ng
RT: 8.204 min Scan# 904
Delta R.T. 0.000 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

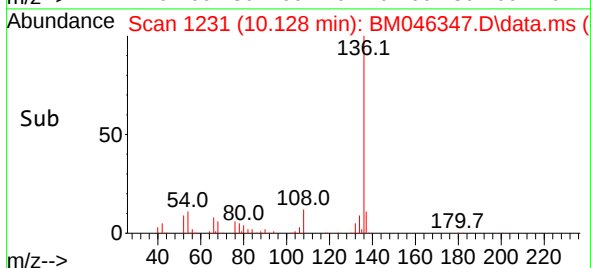
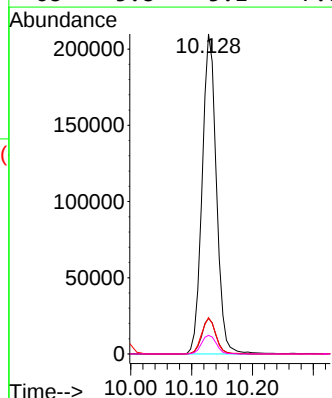
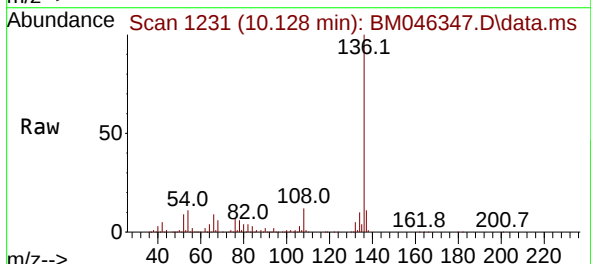
Instrument :
BNA_M
ClientSampleId :
PB161765BS

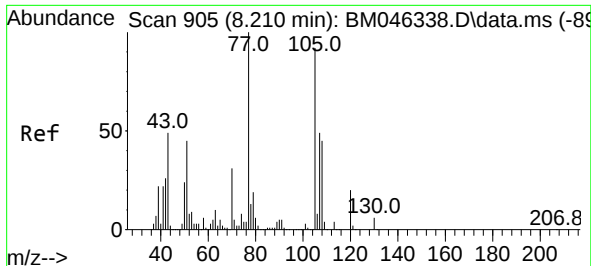
Tgt Ion:	107	Resp:	335621
Ion	Ratio	Lower	Upper
107	100		
108	85.5	67.7	107.7
77	185.7	161.4	201.4
79	35.7	15.3	55.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.128 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

Tgt Ion:	136	Resp:	341375
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	11.4	9.0	13.4
68	5.8	5.1	7.7

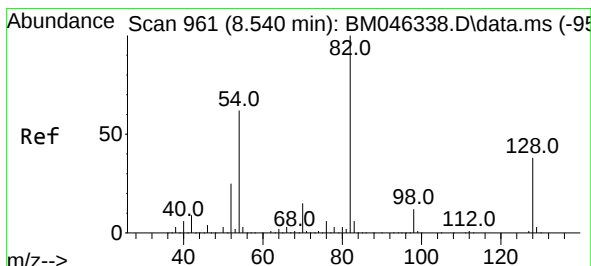
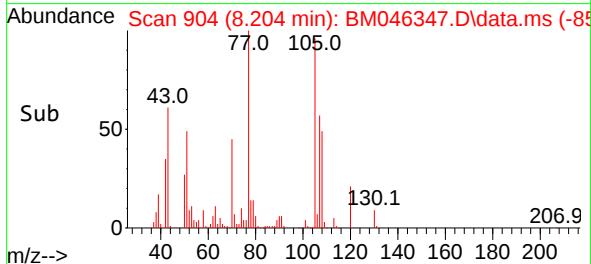
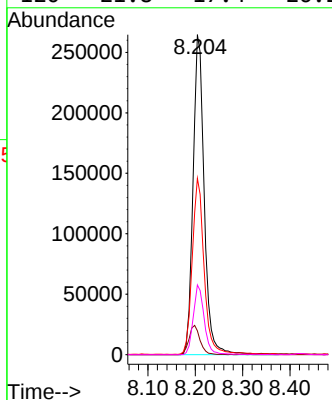
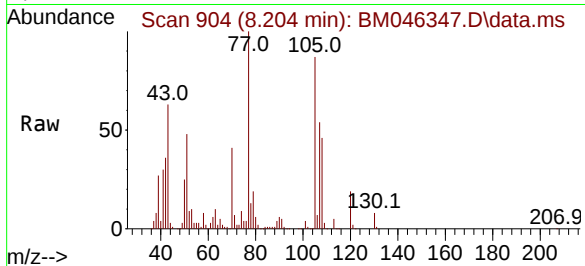




#22
Acetophenone
Concen: 45.697 ng
RT: 8.204 min Scan# 905
Delta R.T. -0.006 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

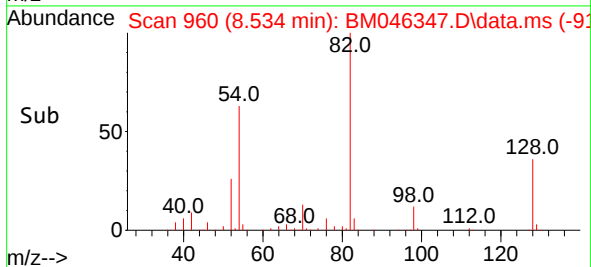
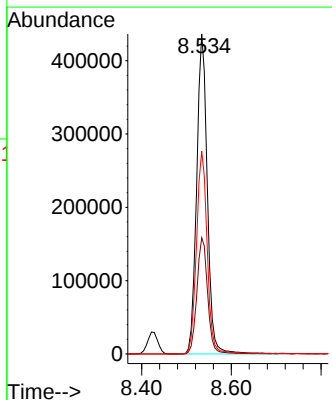
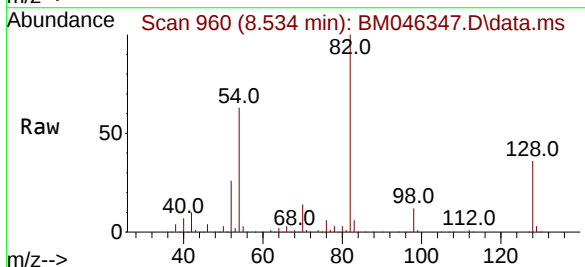
Instrument :
BNA_M
ClientSampleId :
PB161765BS

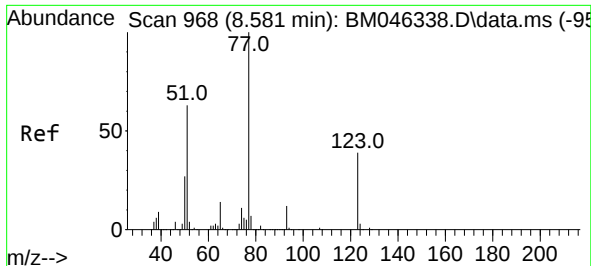
Tgt Ion:105 Resp: 435743
Ion Ratio Lower Upper
105 100
71 7.5 4.2 6.2#
51 55.1 39.4 59.0
120 21.8 17.4 26.2



#23
Nitrobenzene-d5
Concen: 87.383 ng
RT: 8.534 min Scan# 960
Delta R.T. -0.006 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

Tgt Ion: 82 Resp: 719572
Ion Ratio Lower Upper
82 100
128 36.3 30.6 46.0
54 63.4 49.6 74.4

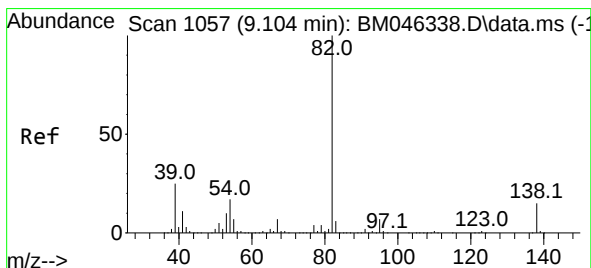
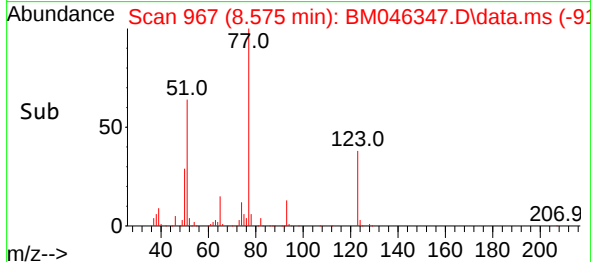
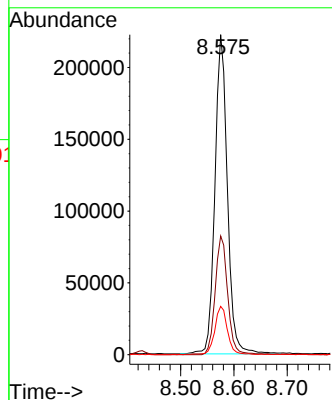
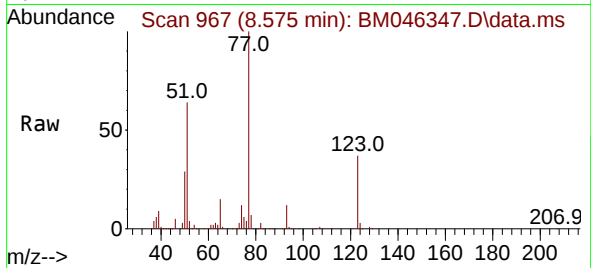




#24
Nitrobenzene
Concen: 44.735 ng
RT: 8.575 min Scan# 90
Delta R.T. -0.006 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

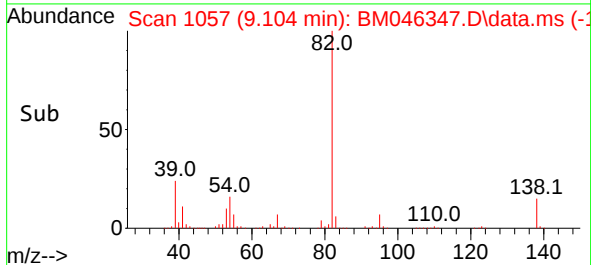
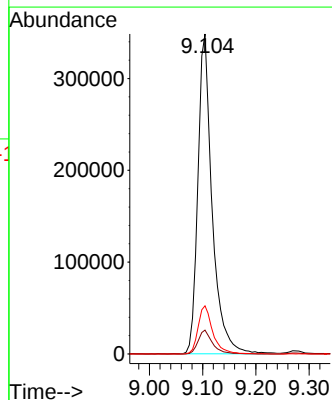
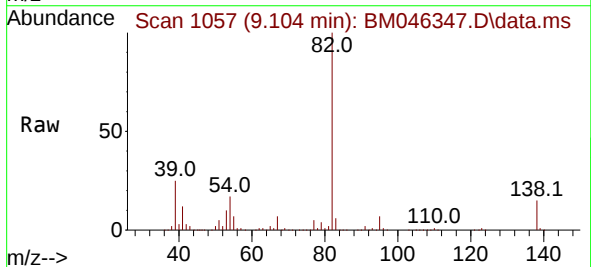
Instrument :
BNA_M
ClientSampleId :
PB161765BS

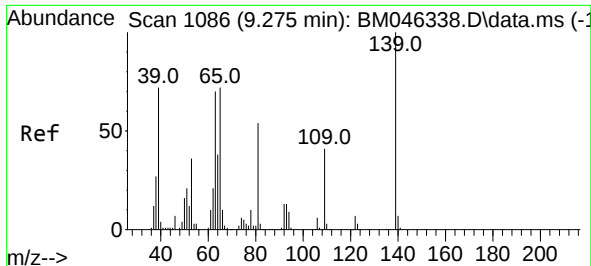
Tgt Ion: 77 Resp: 361876
Ion Ratio Lower Upper
77 100
123 37.1 31.4 47.0
65 15.1 11.5 17.3



#25
Isophorone
Concen: 46.504 ng
RT: 9.104 min Scan# 1057
Delta R.T. 0.000 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

Tgt Ion: 82 Resp: 649380
Ion Ratio Lower Upper
82 100
95 7.4 5.7 8.5
138 15.1 12.2 18.2

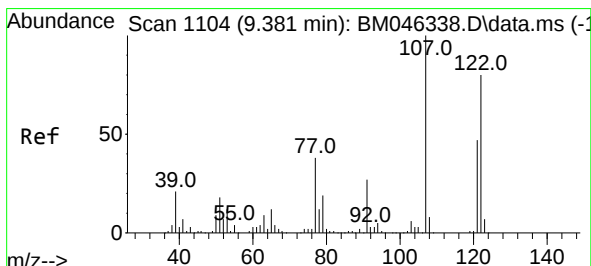
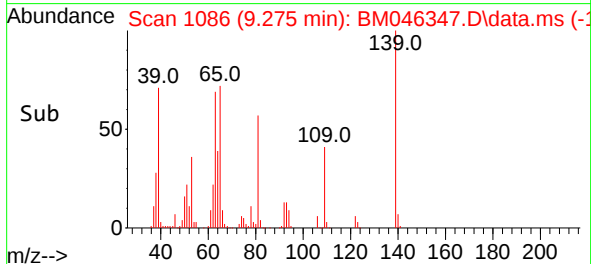
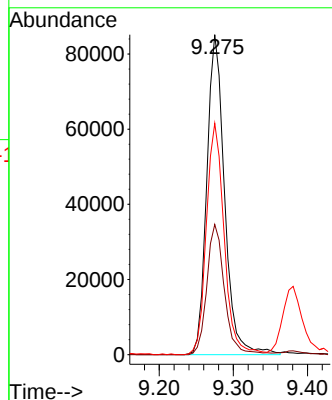
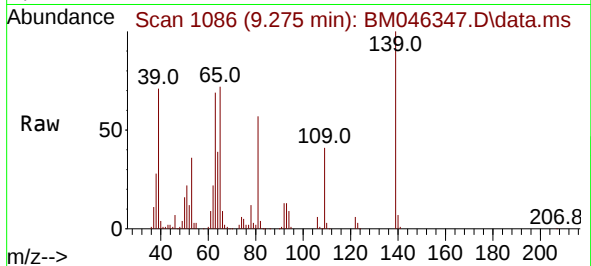




#26
2-Nitrophenol
Concen: 49.009 ng
RT: 9.275 min Scan# 1086
Delta R.T. 0.000 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

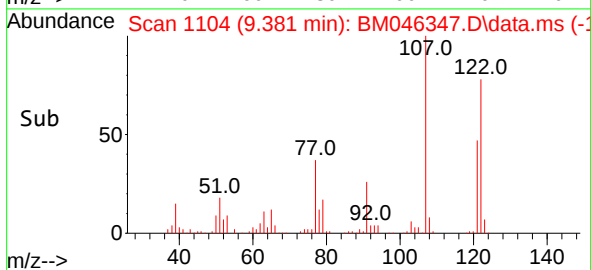
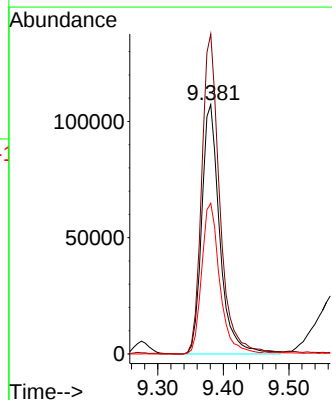
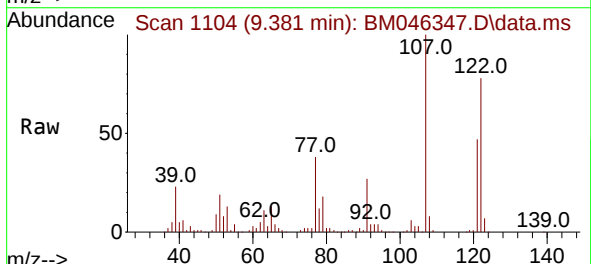
Instrument :
BNA_M
ClientSampleId :
PB161765BS

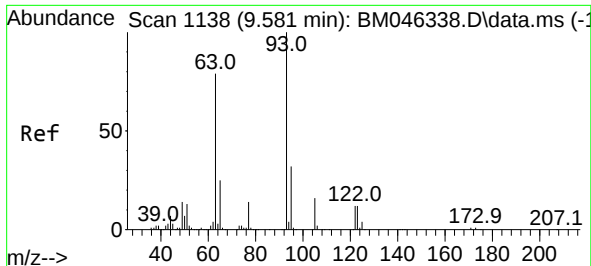
Tgt Ion:139 Resp: 141892
Ion Ratio Lower Upper
139 100
109 40.7 32.9 49.3
65 72.3 57.4 86.2



#27
2,4-Dimethylphenol
Concen: 56.628 ng
RT: 9.381 min Scan# 1104
Delta R.T. -0.000 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

Tgt Ion:122 Resp: 205548
Ion Ratio Lower Upper
122 100
107 128.4 99.5 149.3
121 60.5 47.2 70.8

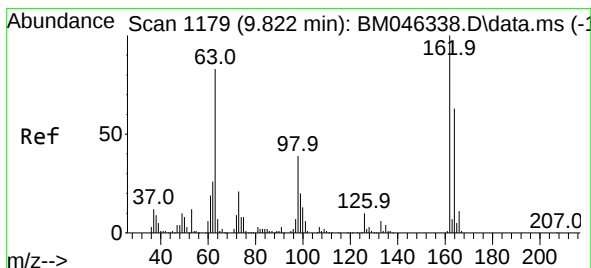
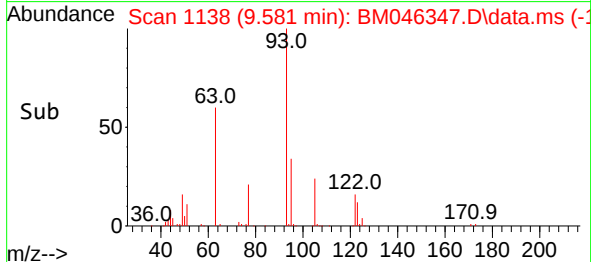
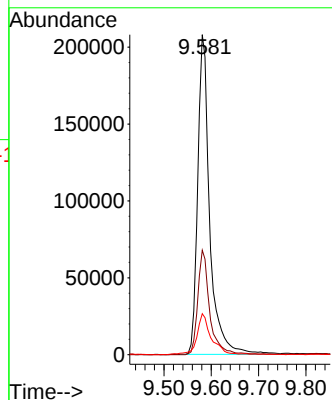
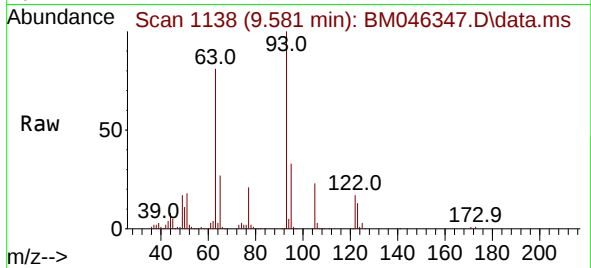




#28
bis(2-Chloroethoxy)methane
Concen: 47.402 ng
RT: 9.581 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

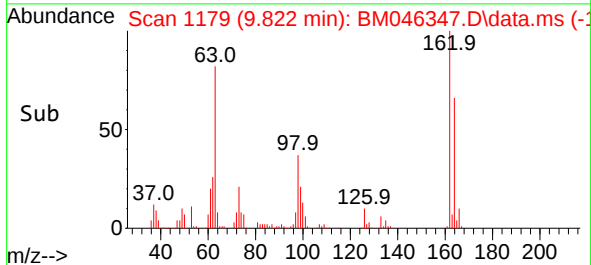
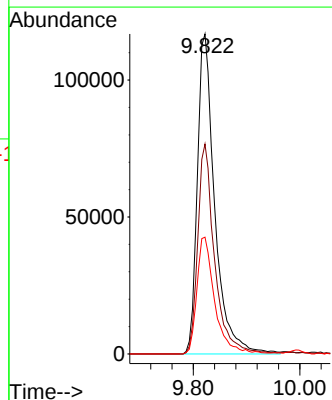
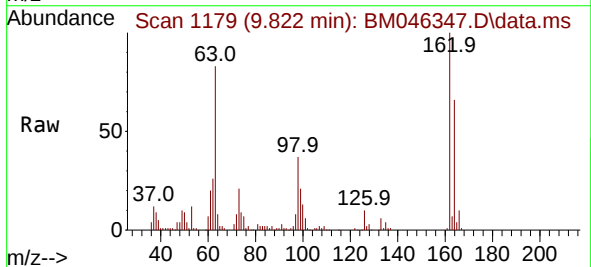
Instrument :
BNA_M
ClientSampleId :
PB161765BS

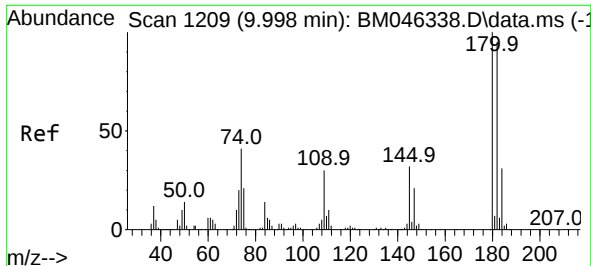
Tgt Ion: 93 Resp: 365701
Ion Ratio Lower Upper
93 100
95 32.6 25.6 38.4
123 12.8 9.5 14.3



#29
2,4-Dichlorophenol
Concen: 54.228 ng
RT: 9.822 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

Tgt Ion: 162 Resp: 265822
Ion Ratio Lower Upper
162 100
164 65.6 42.7 82.7
98 36.5 19.1 59.1

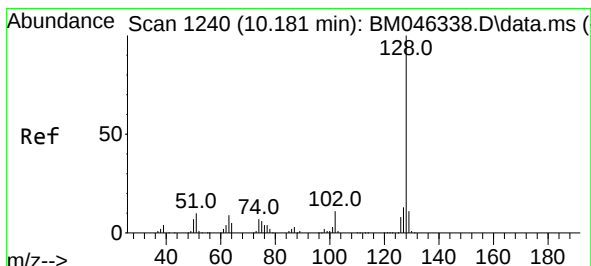
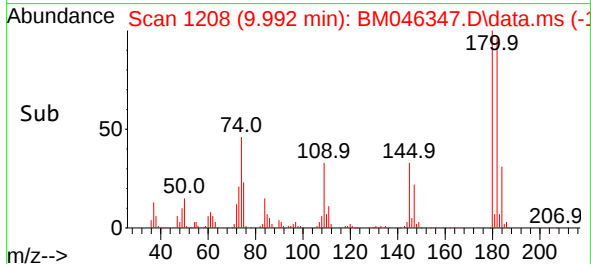
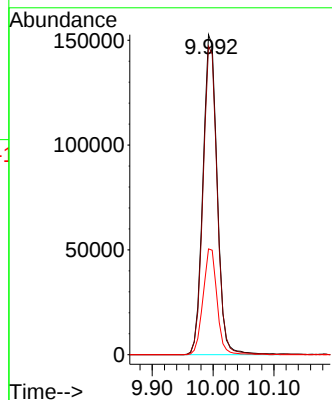
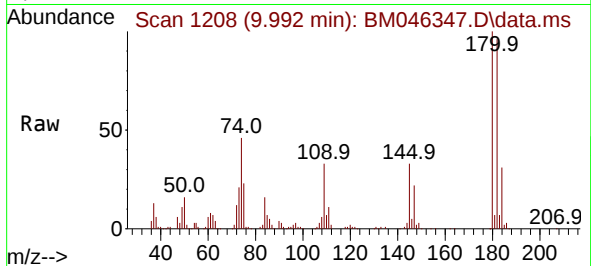




#30
1,2,4-Trichlorobenzene
Concen: 44.659 ng
RT: 9.992 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

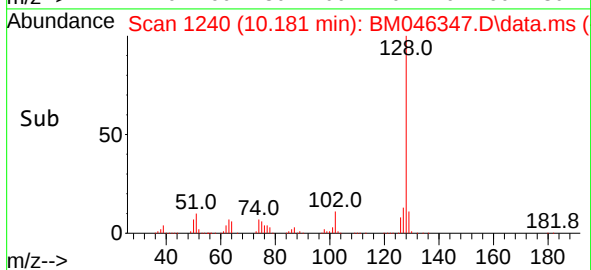
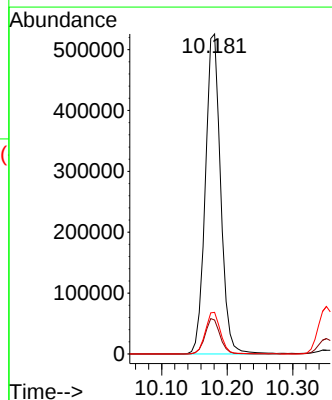
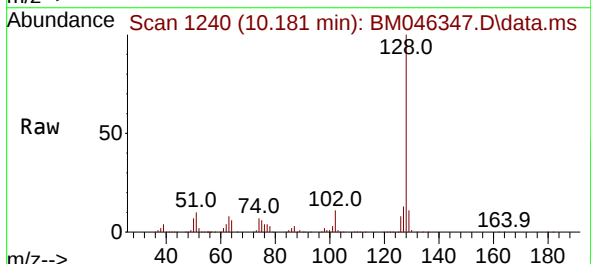
Instrument :
BNA_M
ClientSampleId :
PB161765BS

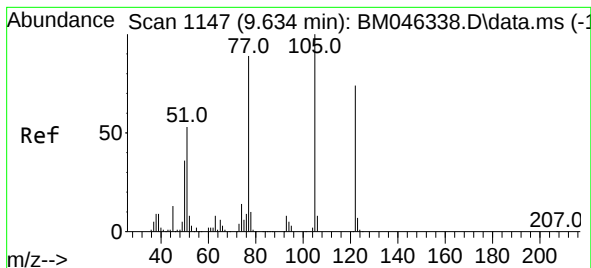
Tgt Ion:180 Resp: 247886
Ion Ratio Lower Upper
180 100
182 96.4 75.6 113.4
145 33.0 26.0 39.0



#31
Naphthalene
Concen: 45.604 ng
RT: 10.181 min Scan# 1240
Delta R.T. 0.000 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

Tgt Ion:128 Resp: 853181
Ion Ratio Lower Upper
128 100
129 10.6 8.4 12.6
127 13.0 10.3 15.5





#32

Benzoic acid

Concen: 46.173 ng

RT: 9.616 min Scan# 1144

Delta R.T. -0.018 min

Lab File: BM046347.D

Acq: 28 Jun 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB161765BS

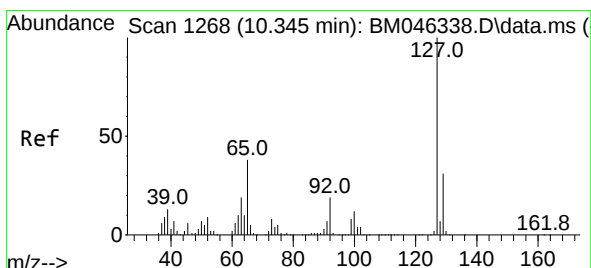
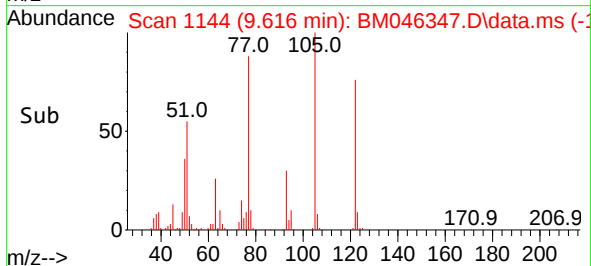
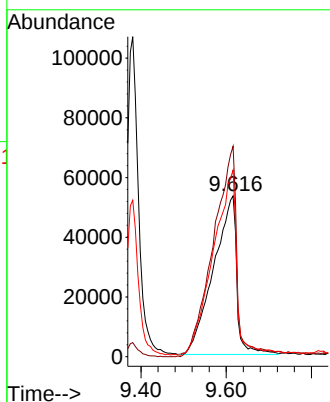
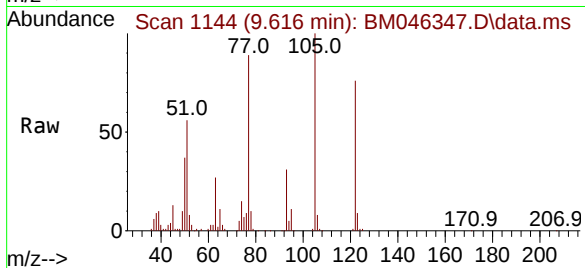
Tgt Ion:122 Resp: 201709

Ion Ratio Lower Upper

122 100

105 130.9 115.0 155.0

77 116.1 100.1 140.1



#33

4-Chloroaniline

Concen: 27.243 ng

RT: 10.351 min Scan# 1269

Delta R.T. 0.006 min

Lab File: BM046347.D

Acq: 28 Jun 2024 10:57

Tgt Ion:127 Resp: 178535

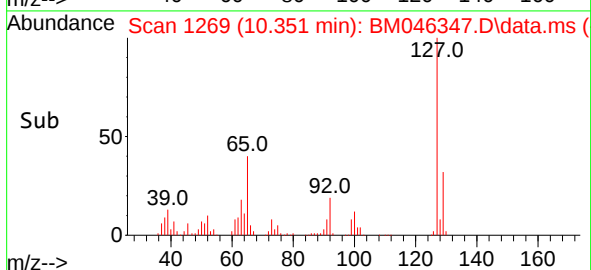
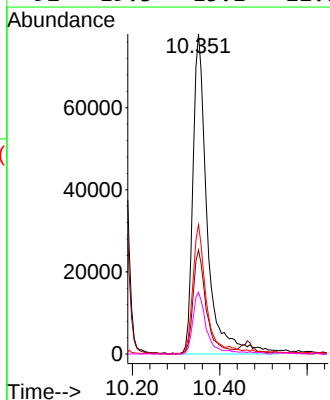
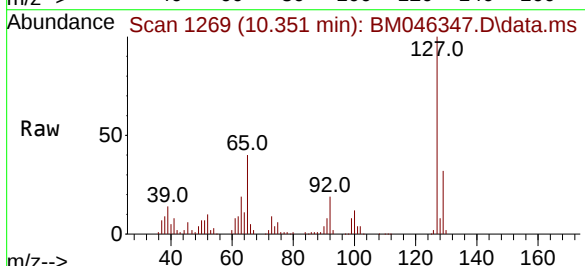
Ion Ratio Lower Upper

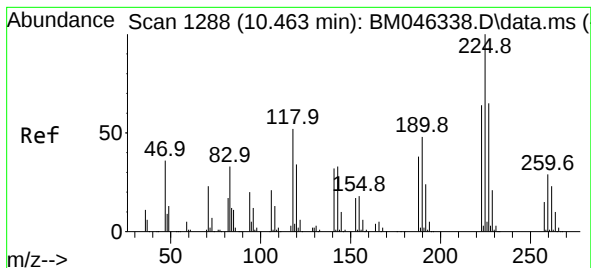
127 100

129 32.5 25.0 37.4

65 40.5 30.2 45.4

92 19.3 15.1 22.7

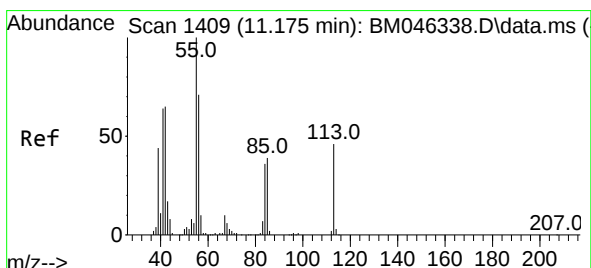
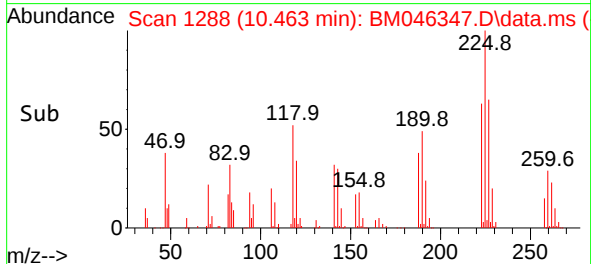
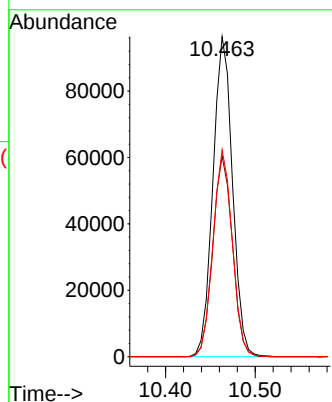
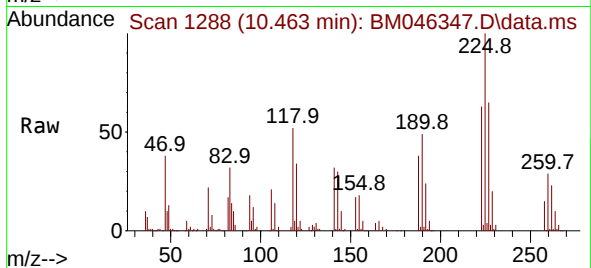




#34
Hexachlorobutadiene
Concen: 42.633 ng
RT: 10.463 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

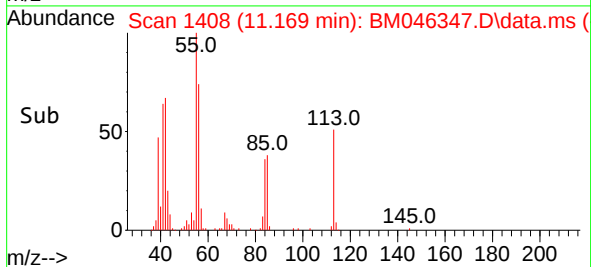
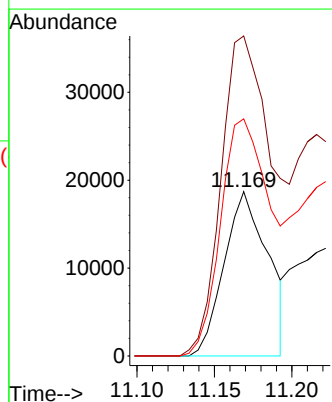
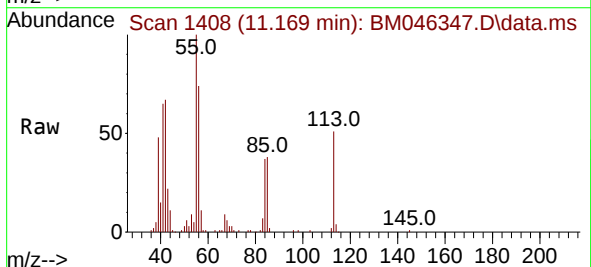
Instrument :
BNA_M
ClientSampleId :
PB161765BS

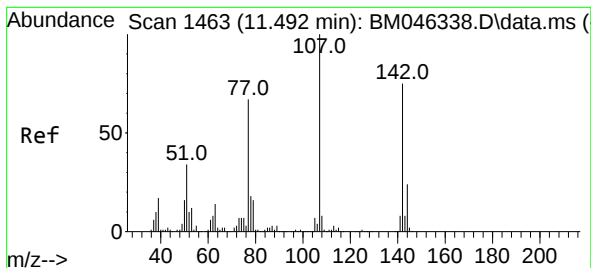
Tgt Ion:225 Resp: 145889
Ion Ratio Lower Upper
225 100
223 62.7 50.8 76.2
227 64.7 51.6 77.4



#35
Caprolactam
Concen: 20.435 ng
RT: 11.169 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

Tgt Ion:113 Resp: 36692
Ion Ratio Lower Upper
113 100
55 194.8 199.3 239.3#
56 144.3 136.8 176.8

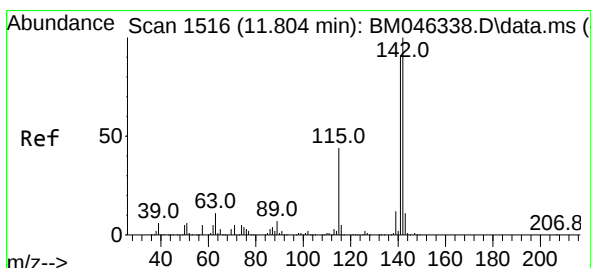
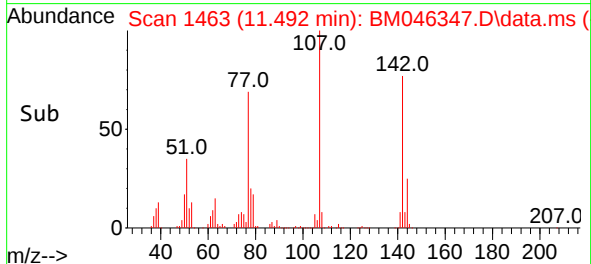
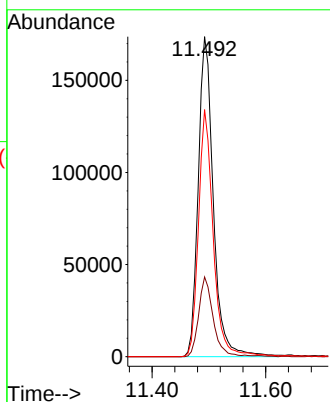
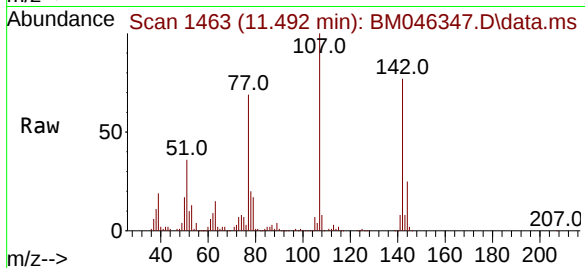




#36
4-Chloro-3-methylphenol
Concen: 52.717 ng
RT: 11.492 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

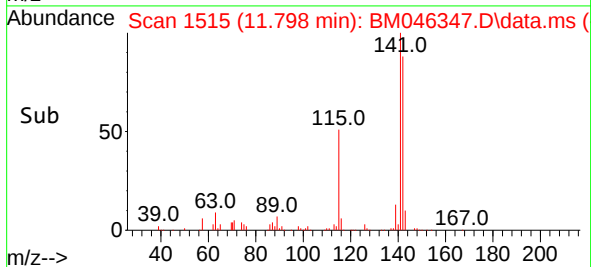
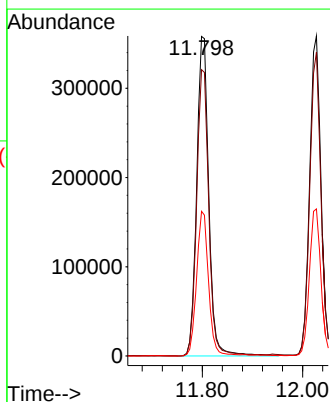
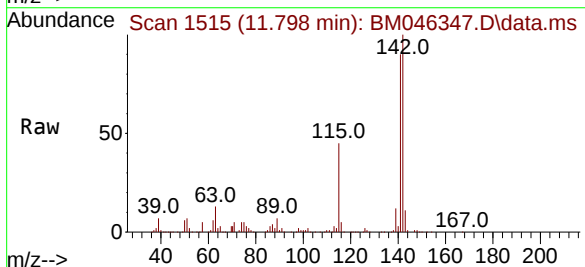
Instrument :
BNA_M
ClientSampleId :
PB161765BS

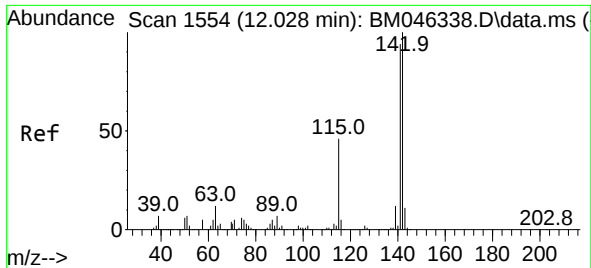
Tgt Ion:107 Resp: 321524
Ion Ratio Lower Upper
107 100
144 24.9 19.0 28.4
142 77.2 60.1 90.1



#37
2-Methylnaphthalene
Concen: 47.552 ng
RT: 11.798 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

Tgt Ion:142 Resp: 599970
Ion Ratio Lower Upper
142 100
141 89.6 72.8 109.2
115 45.3 34.8 52.2

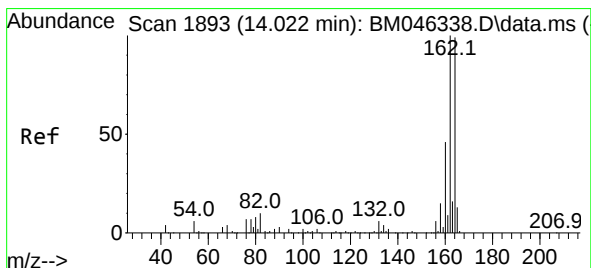
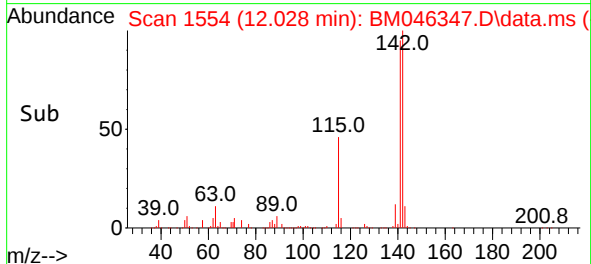
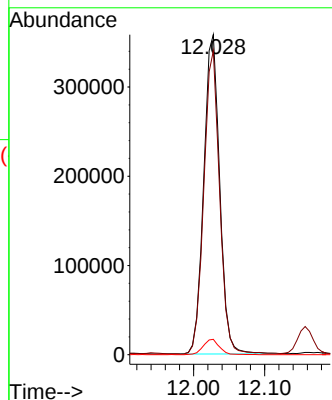
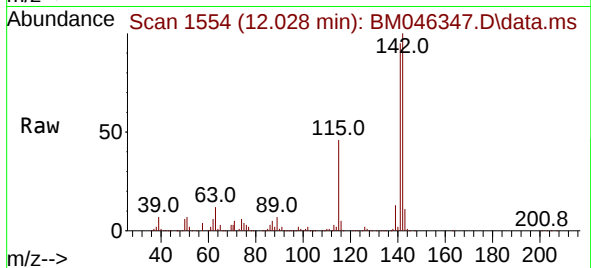




#38
1-Methylnaphthalene
Concen: 45.049 ng
RT: 12.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

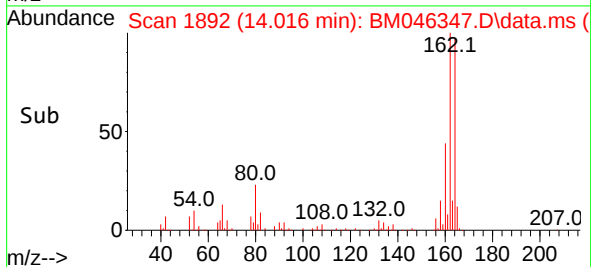
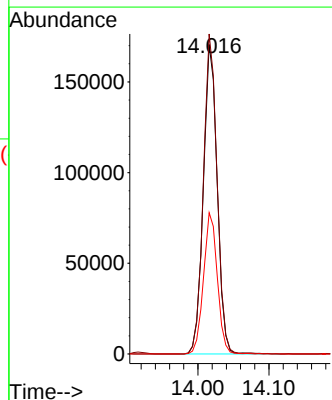
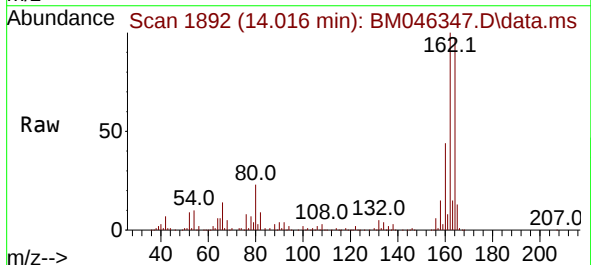
Instrument :
BNA_M
ClientSampleId :
PB161765BS

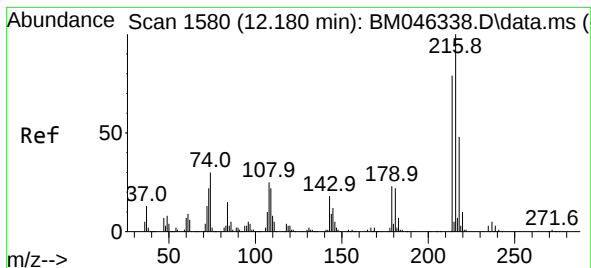
Tgt Ion:142 Resp: 561999
Ion Ratio Lower Upper
142 100
141 94.9 75.3 112.9
116 4.8 3.8 5.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.016 min Scan# 1892
Delta R.T. -0.006 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

Tgt Ion:164 Resp: 231491
Ion Ratio Lower Upper
164 100
162 103.4 80.5 120.7
160 45.7 37.0 55.6





#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.371 ng

RT: 12.181 min Scan# 1

Delta R.T. 0.001 min

Lab File: BM046347.D

Acq: 28 Jun 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB161765BS

Tgt Ion:216 Resp: 280199

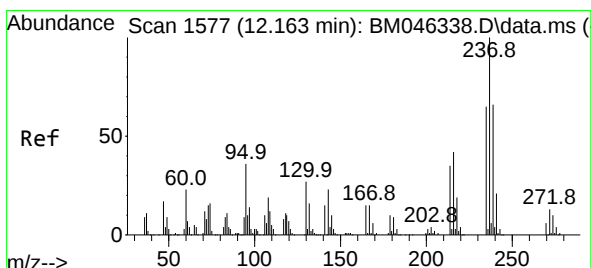
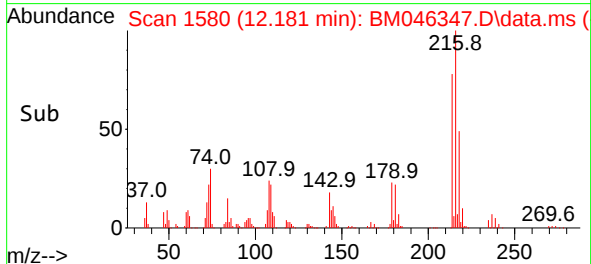
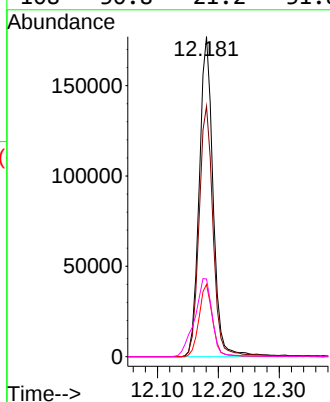
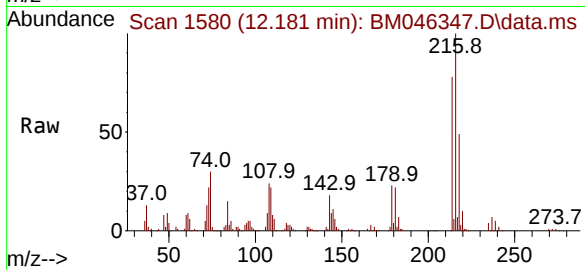
Ion Ratio Lower Upper

216 100

214 79.6 63.4 95.2

179 22.5 17.9 26.9

108 30.8 21.2 31.8



#41

Hexachlorocyclopentadiene

Concen: 120.315 ng

RT: 12.157 min Scan# 1576

Delta R.T. -0.006 min

Lab File: BM046347.D

Acq: 28 Jun 2024 10:57

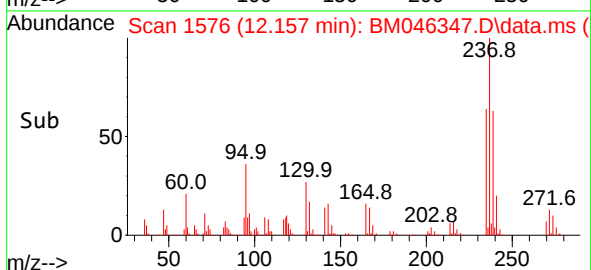
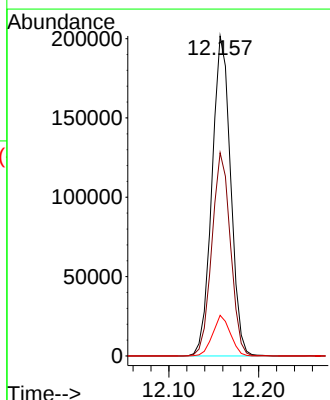
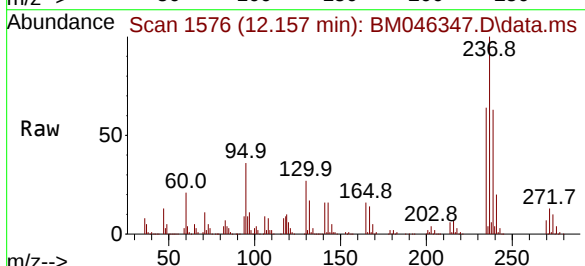
Tgt Ion:237 Resp: 291173

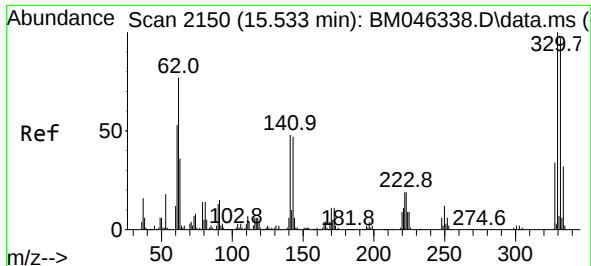
Ion Ratio Lower Upper

237 100

235 63.5 44.5 84.5

272 12.7 0.0 33.4





#42

2,4,6-Tribromophenol

Concen: 156.311 ng

RT: 15.527 min Scan# 2150

Delta R.T. -0.006 min

Lab File: BM046347.D

Acq: 28 Jun 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB161765BS

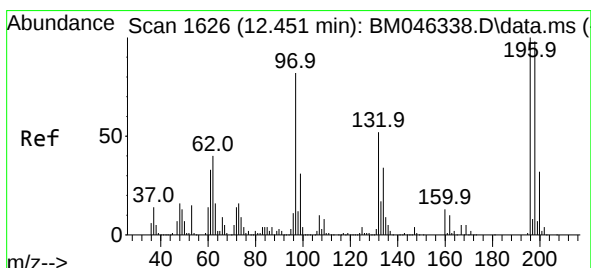
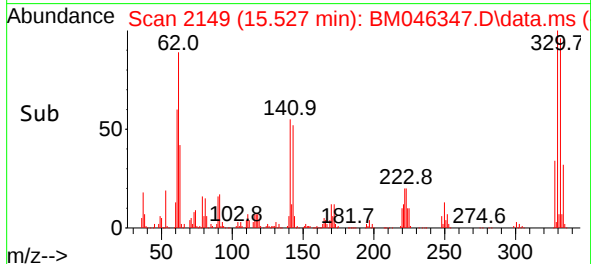
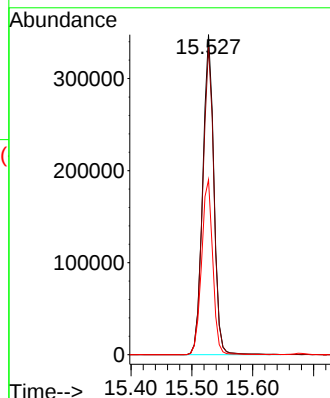
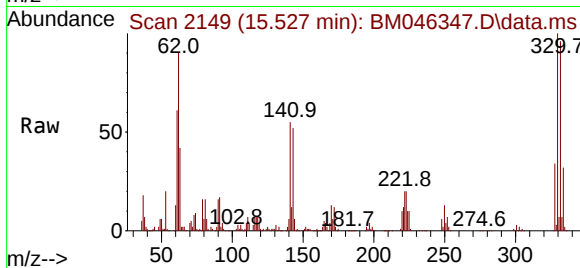
Tgt Ion:330 Resp: 440050

Ion Ratio Lower Upper

330 100

332 96.3 77.8 116.6

141 54.9 43.2 64.8



#43

2,4,6-Trichlorophenol

Concen: 50.758 ng

RT: 12.451 min Scan# 1626

Delta R.T. 0.000 min

Lab File: BM046347.D

Acq: 28 Jun 2024 10:57

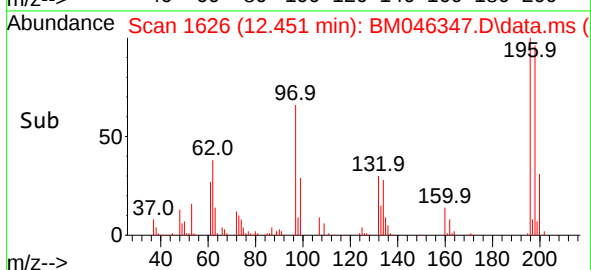
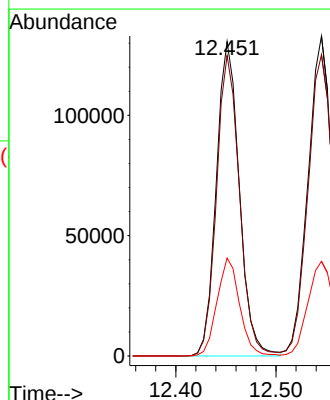
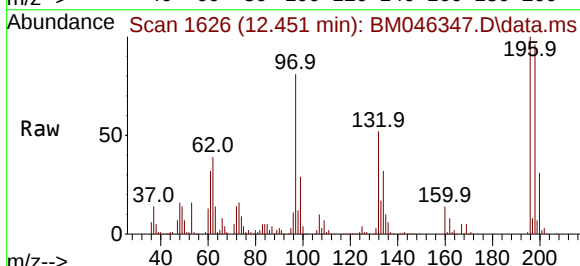
Tgt Ion:196 Resp: 208203

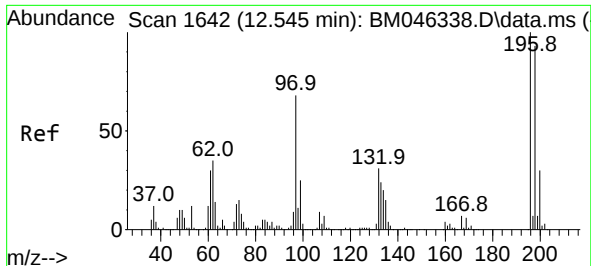
Ion Ratio Lower Upper

196 100

198 95.6 78.7 118.1

200 31.2 25.5 38.3

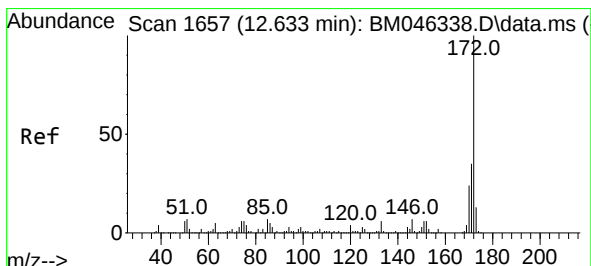
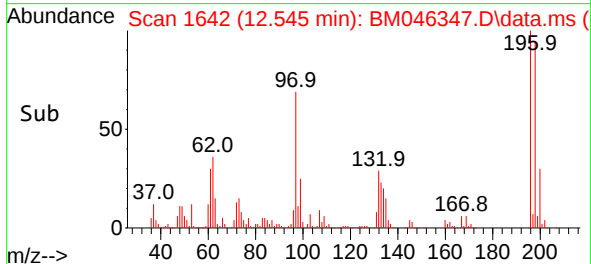
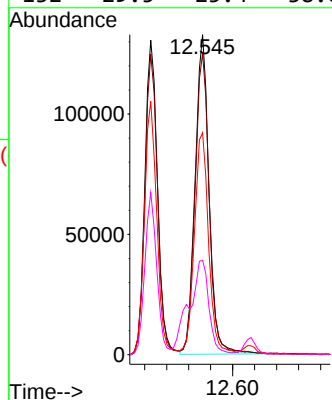
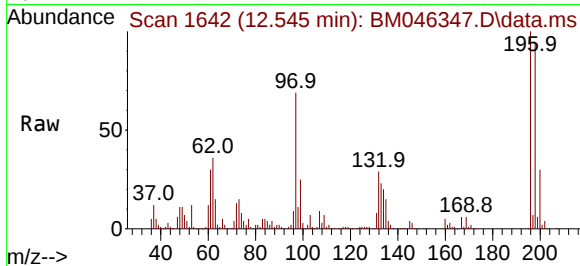




#44
 2,4,5-Trichlorophenol
 Concen: 49.778 ng
 RT: 12.545 min Scan# 1642
 Delta R.T. 0.000 min
 Lab File: BM046347.D
 Acq: 28 Jun 2024 10:57

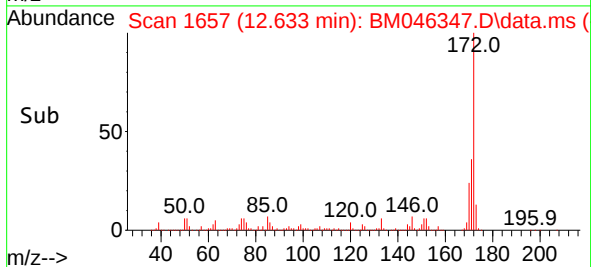
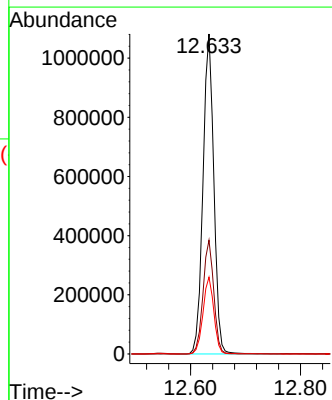
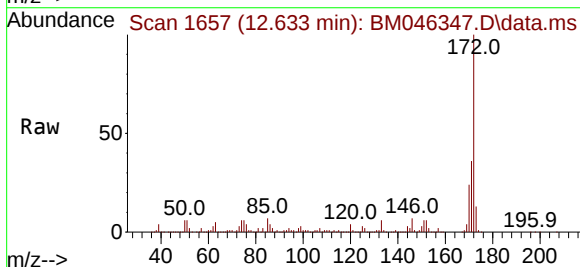
Instrument :
 BNA_M
 ClientSampleId :
 PB161765BS

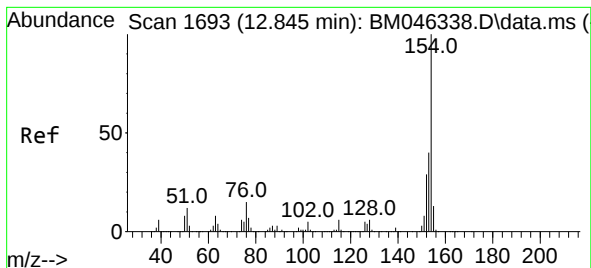
Tgt Ion:	196	Resp:	235278
Ion	Ratio	Lower	Upper
196	100		
198	94.1	74.7	112.1
97	69.4	54.6	82.0
132	29.5	25.4	38.0



#45
 2-Fluorobiphenyl
 Concen: 86.961 ng
 RT: 12.633 min Scan# 1657
 Delta R.T. 0.000 min
 Lab File: BM046347.D
 Acq: 28 Jun 2024 10:57

Tgt Ion:	172	Resp:	1485248
Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.1	42.1
170	24.0	19.4	29.0





#46

1,1'-Biphenyl

Concen: 46.936 ng

RT: 12.845 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM046347.D

Acq: 28 Jun 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB161765BS

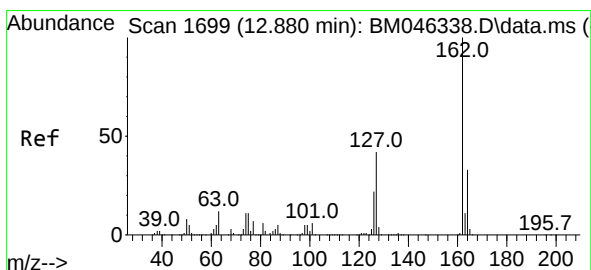
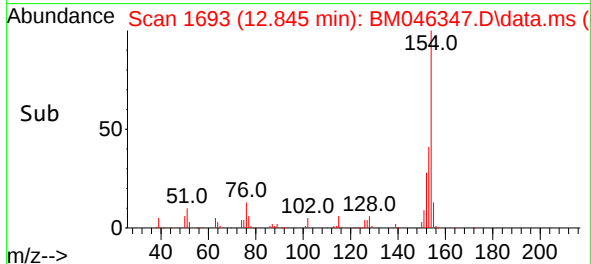
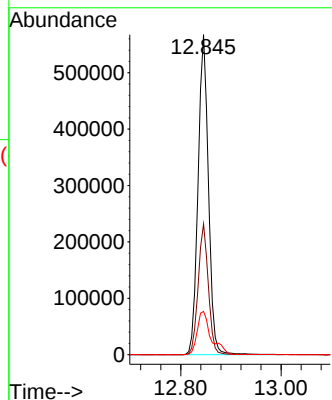
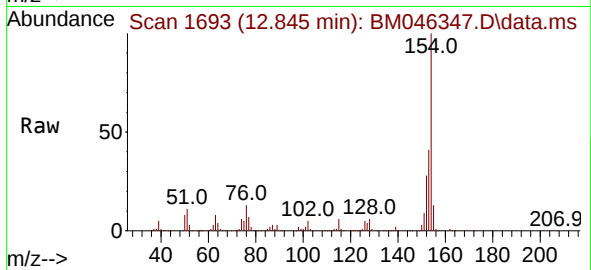
Tgt Ion:154 Resp: 813427

Ion Ratio Lower Upper

154 100

153 40.8 19.8 59.8

76 13.5 0.0 34.8



#47

2-Chloronaphthalene

Concen: 45.533 ng

RT: 12.875 min Scan# 1698

Delta R.T. -0.005 min

Lab File: BM046347.D

Acq: 28 Jun 2024 10:57

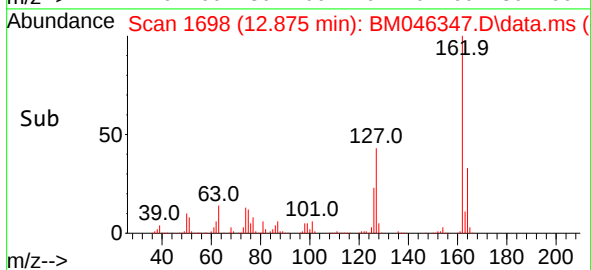
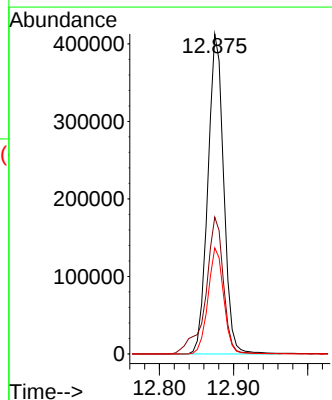
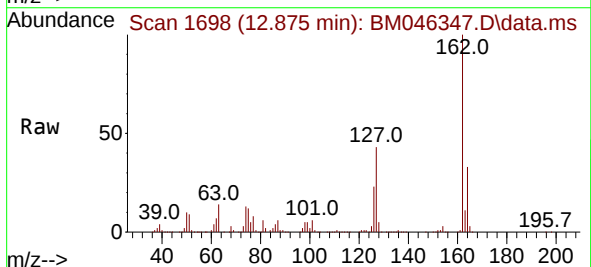
Tgt Ion:162 Resp: 612540

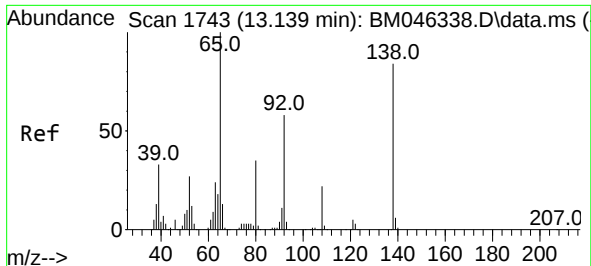
Ion Ratio Lower Upper

162 100

127 42.8 34.1 51.1

164 33.1 26.1 39.1

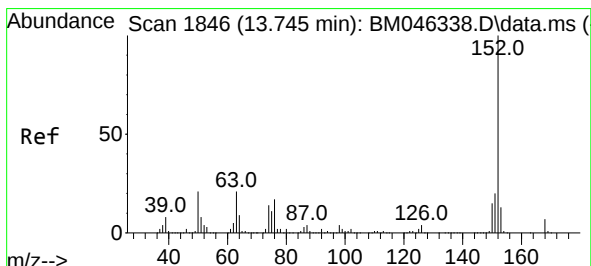
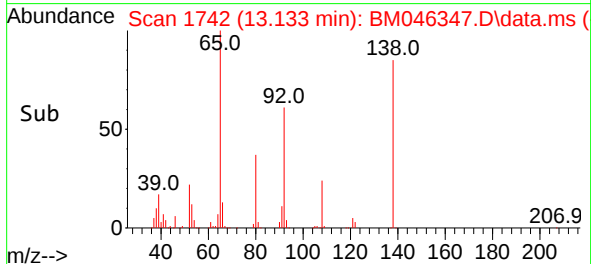
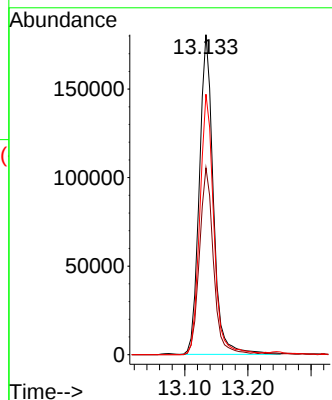
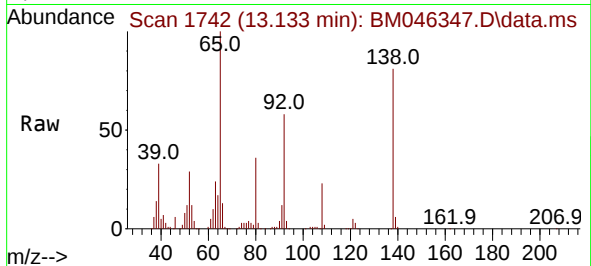




#48
2-Nitroaniline
Concen: 52.145 ng
RT: 13.133 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

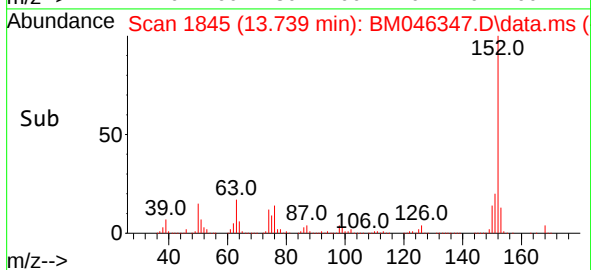
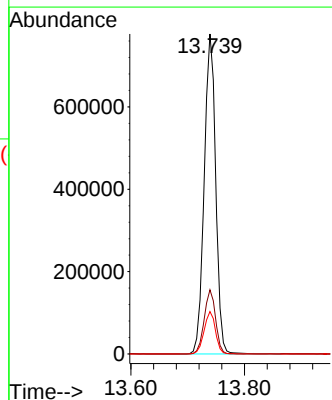
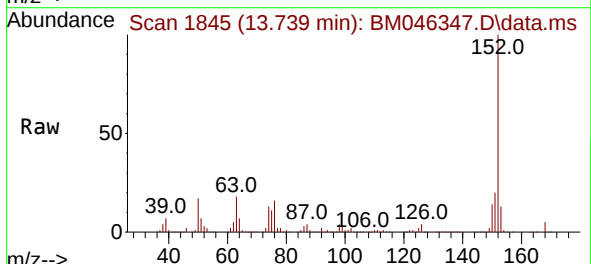
Instrument :
BNA_M
ClientSampleId :
PB161765BS

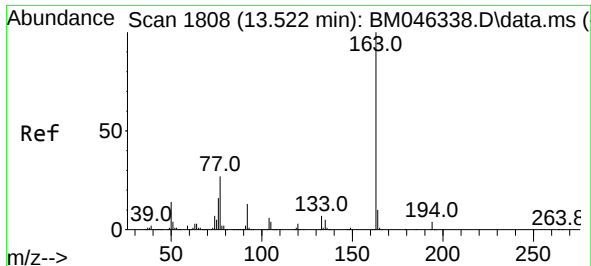
Tgt Ion: 65 Resp: 278493
Ion Ratio Lower Upper
65 100
92 58.4 46.7 70.1
138 81.4 67.3 100.9



#49
Acenaphthylene
Concen: 52.517 ng
RT: 13.739 min Scan# 1845
Delta R.T. -0.006 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

Tgt Ion:152 Resp: 1089197
Ion Ratio Lower Upper
152 100
151 20.1 15.7 23.5
153 13.3 10.4 15.6

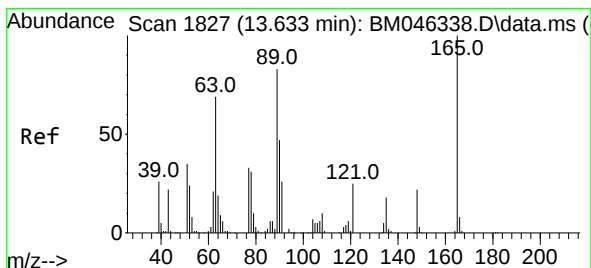
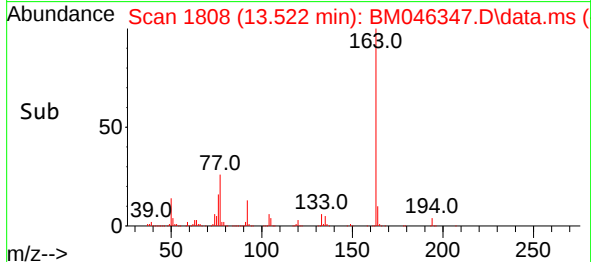
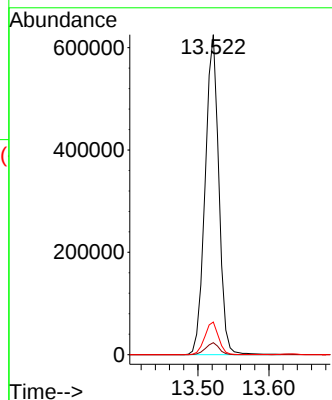
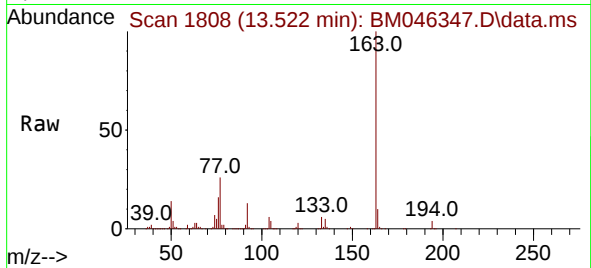




#50
Dimethylphthalate
Concen: 49.513 ng
RT: 13.522 min Scan# 1808
Delta R.T. 0.000 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

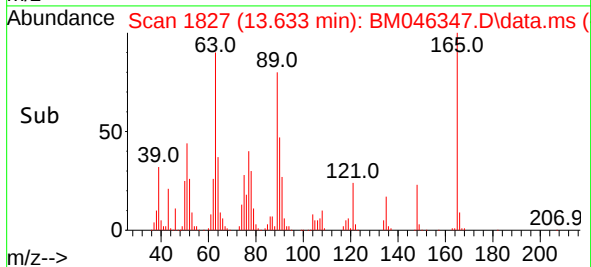
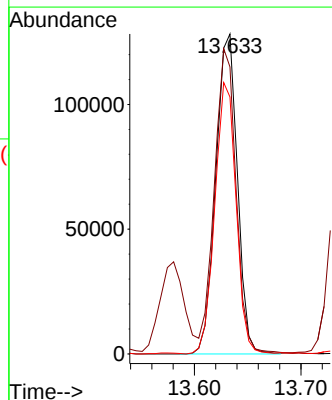
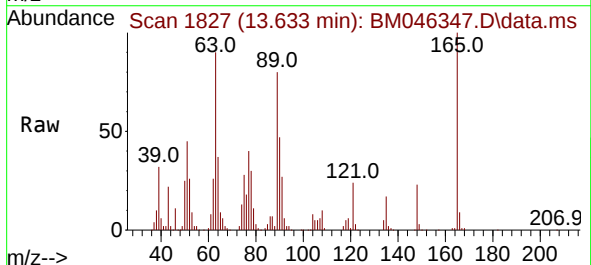
Instrument :
BNA_M
ClientSampleId :
PB161765BS

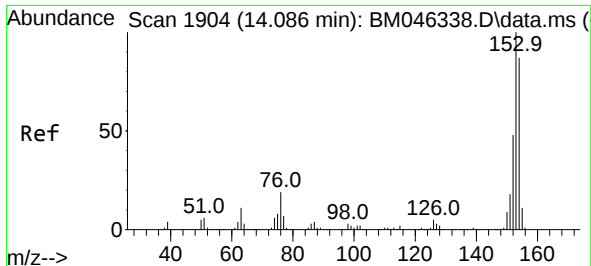
Tgt Ion:163 Resp: 837882
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.2 7.8 11.8



#51
2,6-Dinitrotoluene
Concen: 47.839 ng
RT: 13.633 min Scan# 1827
Delta R.T. 0.000 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

Tgt Ion:165 Resp: 180283
Ion Ratio Lower Upper
165 100
63 89.7 74.4 111.6
89 80.3 66.2 99.2

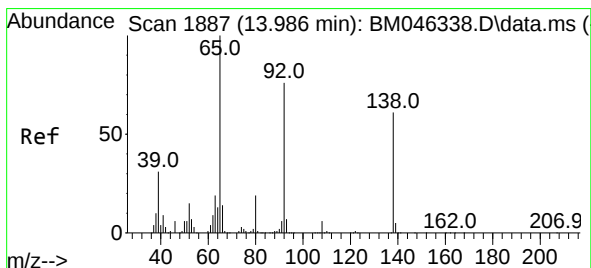
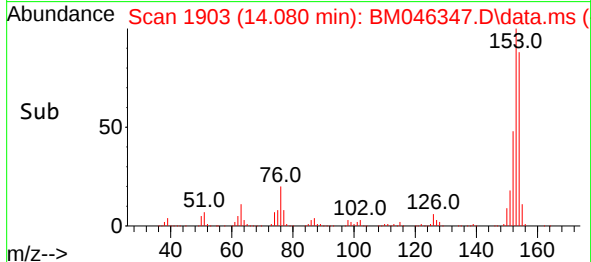
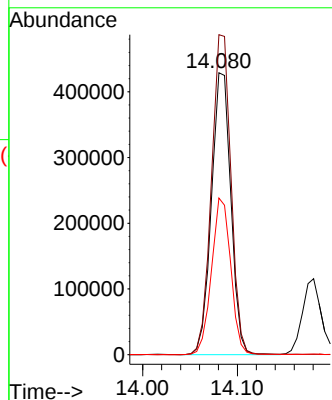
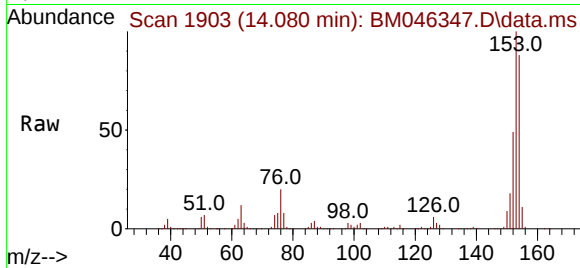




#52
Acenaphthene
Concen: 47.408 ng
RT: 14.080 min Scan# 1904
Delta R.T. -0.006 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

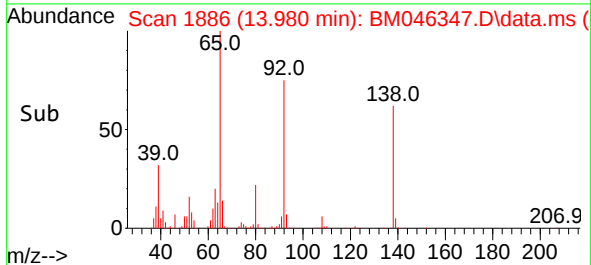
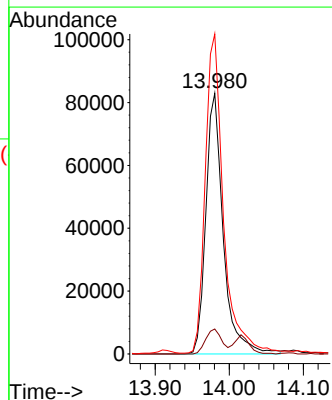
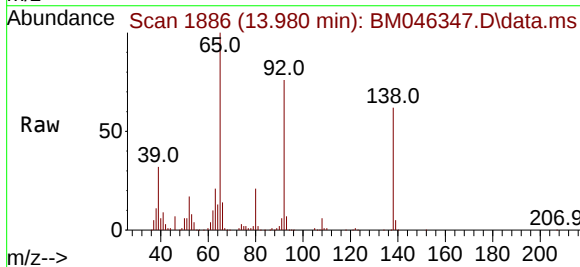
Instrument :
BNA_M
ClientSampleId :
PB161765BS

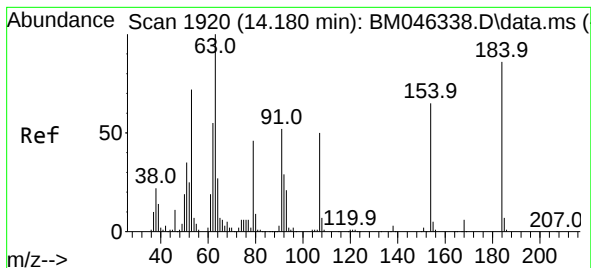
Tgt Ion:154 Resp: 611151
Ion Ratio Lower Upper
154 100
153 113.5 92.0 138.0
152 55.5 44.4 66.6



#53
3-Nitroaniline
Concen: 35.591 ng
RT: 13.980 min Scan# 1886
Delta R.T. -0.006 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

Tgt Ion:138 Resp: 135515
Ion Ratio Lower Upper
138 100
108 9.6 7.4 11.0
92 122.7 99.3 148.9

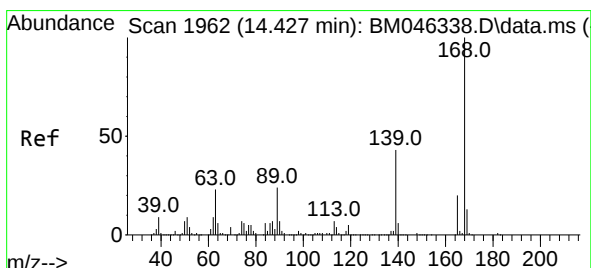
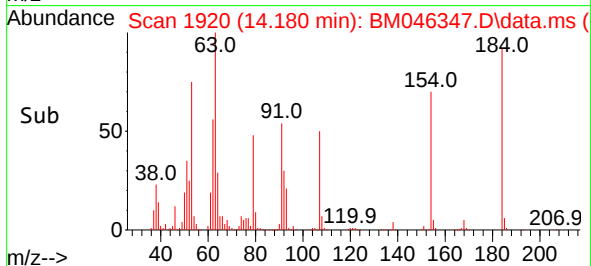
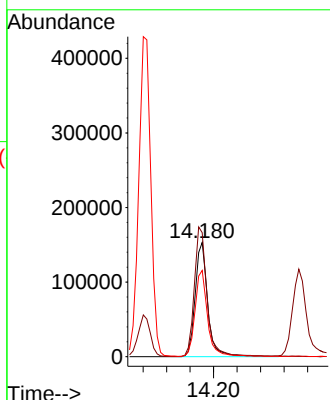
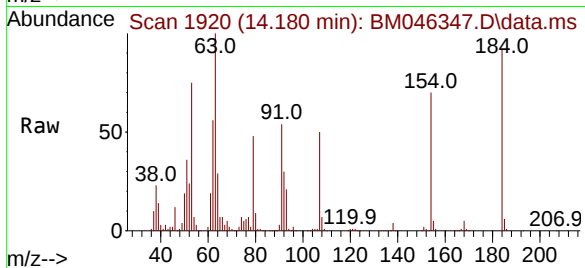




#54
2,4-Dinitrophenol
Concen: 100.430 ng
RT: 14.180 min Scan# 1920
Delta R.T. 0.000 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

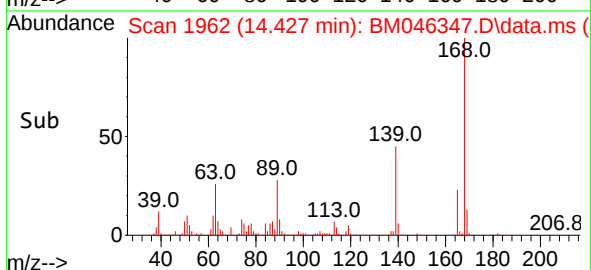
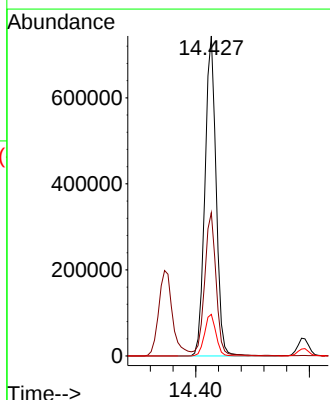
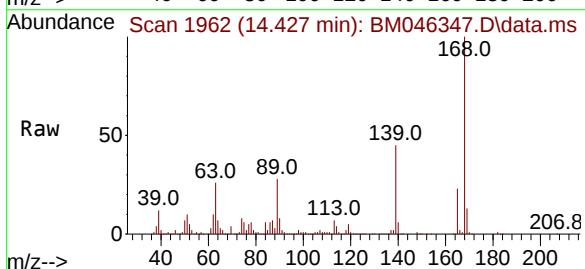
Instrument :
BNA_M
ClientSampleId :
PB161765BS

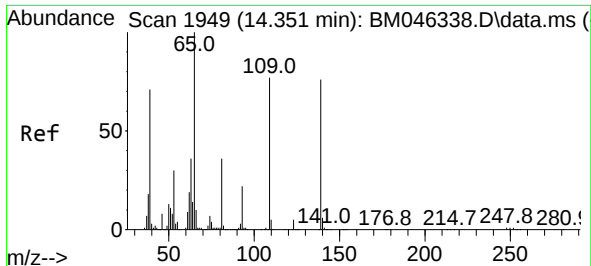
Tgt Ion:184 Resp: 226472
Ion Ratio Lower Upper
184 100
63 108.7 93.5 140.3
154 75.5 61.2 91.8



#55
Dibenzofuran
Concen: 48.835 ng
RT: 14.427 min Scan# 1962
Delta R.T. 0.000 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

Tgt Ion:168 Resp: 1008759
Ion Ratio Lower Upper
168 100
139 44.8 35.4 53.2
169 13.0 10.7 16.1

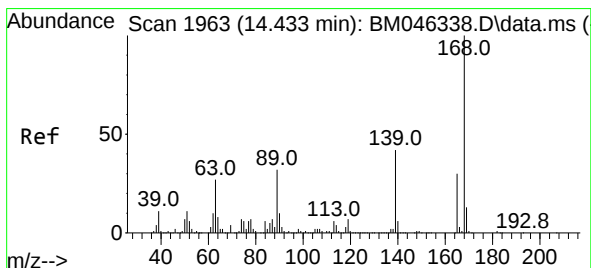
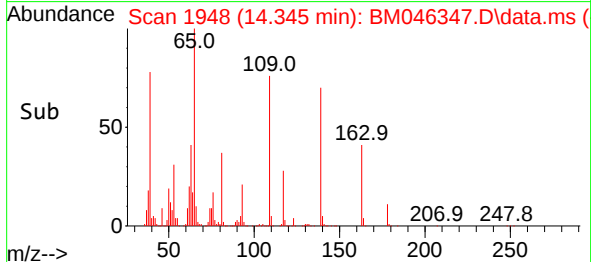
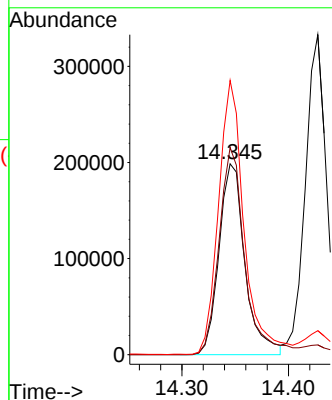
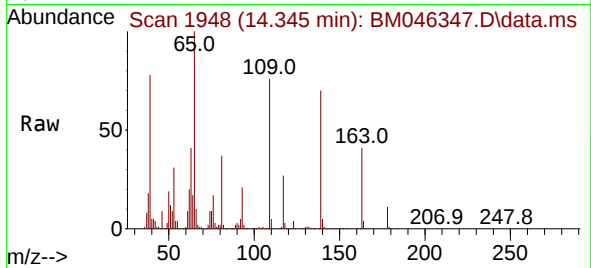




#56
4-Nitrophenol
Concen: 105.352 ng
RT: 14.345 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

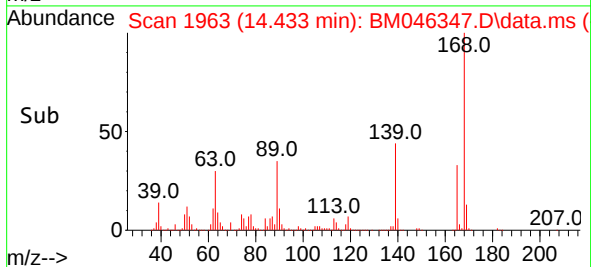
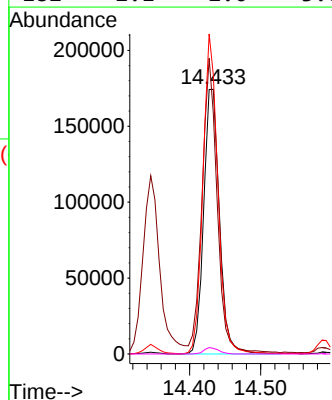
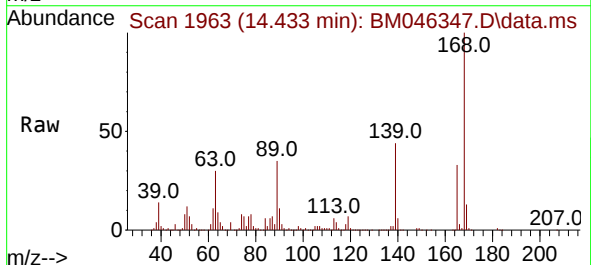
Instrument :
BNA_M
ClientSampleId :
PB161765BS

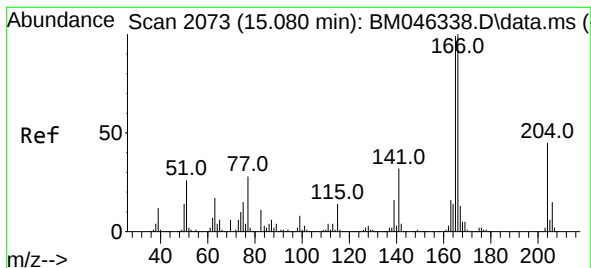
Tgt Ion:139 Resp: 336155
Ion Ratio Lower Upper
139 100
109 108.5 82.0 122.0
65 143.7 112.0 152.0



#57
2,4-Dinitrotoluene
Concen: 49.545 ng
RT: 14.433 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

Tgt Ion:165 Resp: 270198
Ion Ratio Lower Upper
165 100
63 90.9 74.2 111.2
89 105.4 86.1 129.1
182 2.1 2.0 3.0





#58

Fluorene

Concen: 48.109 ng

RT: 15.075 min Scan# 20

Delta R.T. -0.006 min

Lab File: BM046347.D

Acq: 28 Jun 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB161765BS

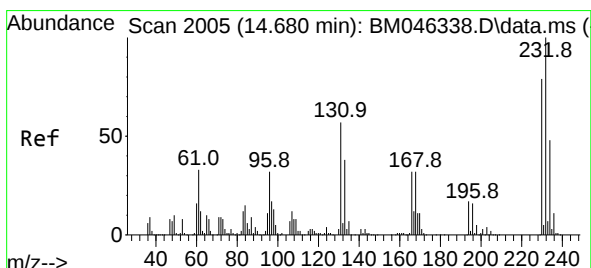
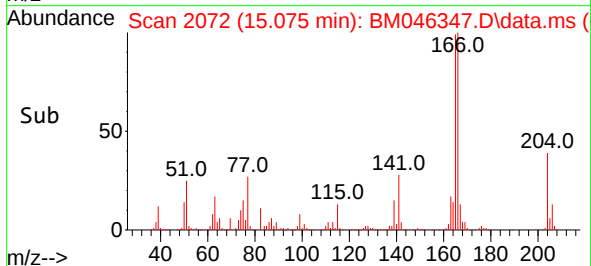
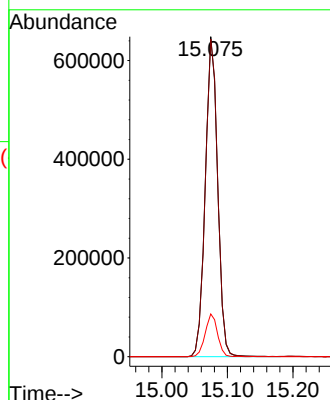
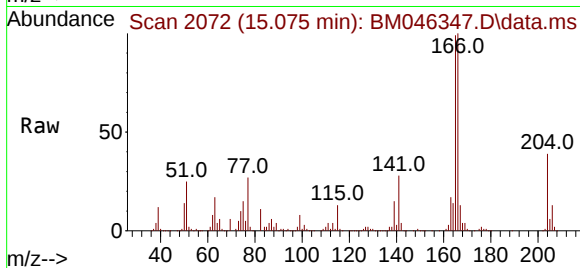
Tgt Ion:166 Resp: 850034

Ion Ratio Lower Upper

166 100

165 99.3 79.4 119.0

167 13.4 10.7 16.1



#59

2,3,4,6-Tetrachlorophenol

Concen: 51.940 ng

RT: 14.675 min Scan# 2004

Delta R.T. -0.006 min

Lab File: BM046347.D

Acq: 28 Jun 2024 10:57

Tgt Ion:232 Resp: 206917

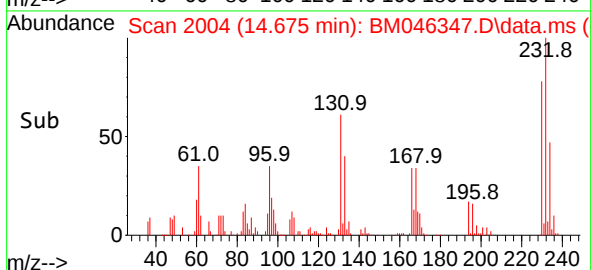
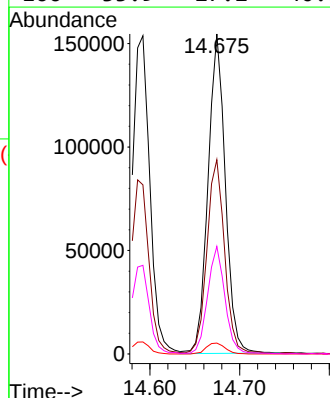
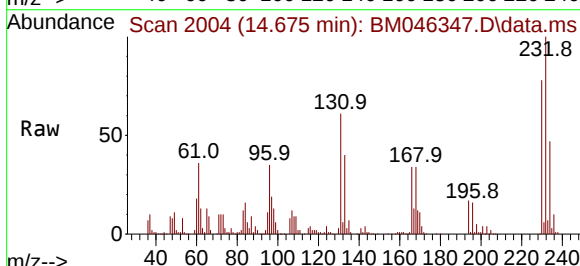
Ion Ratio Lower Upper

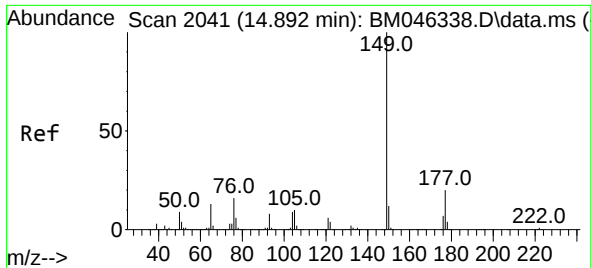
232 100

131 61.7 48.3 72.5

130 3.8 2.7 4.1

166 33.9 27.2 40.8

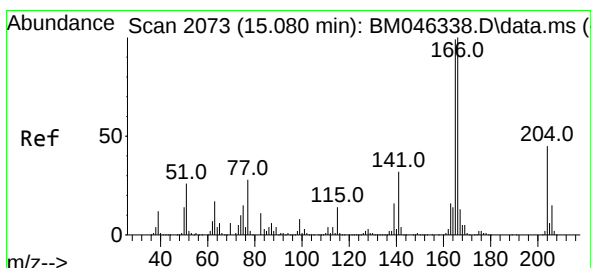
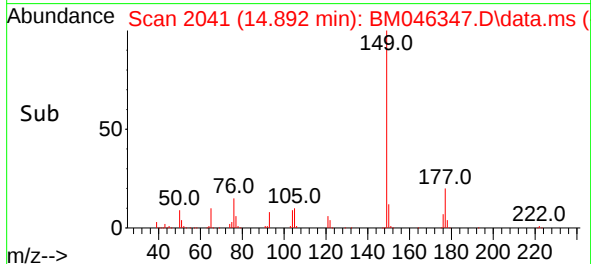
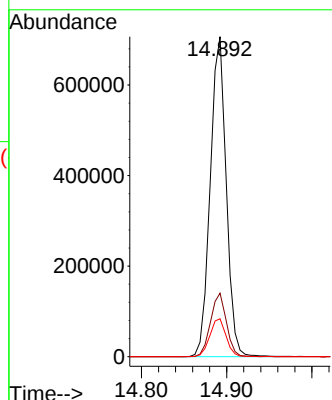
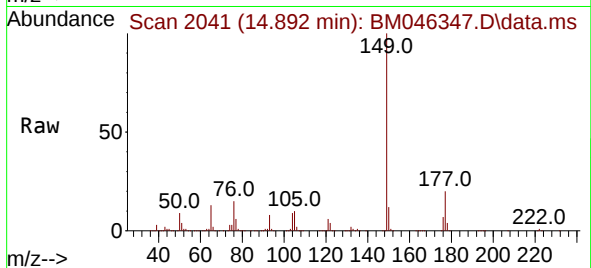




#60
Diethylphthalate
Concen: 49.426 ng
RT: 14.892 min Scan# 2041
Delta R.T. 0.000 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

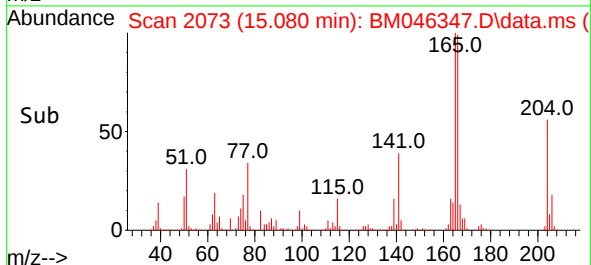
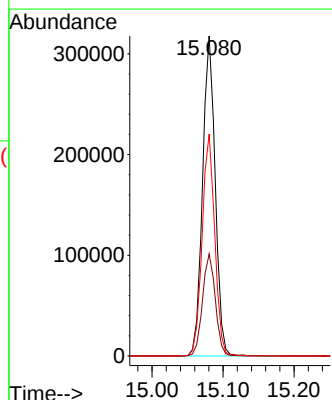
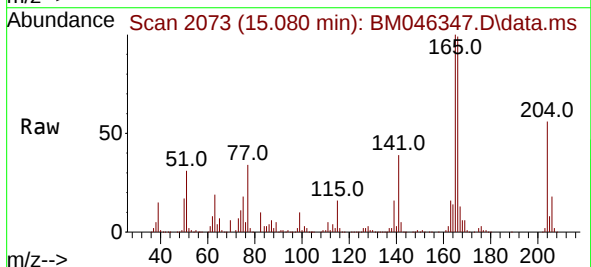
Instrument :
BNA_M
ClientSampleId :
PB161765BS

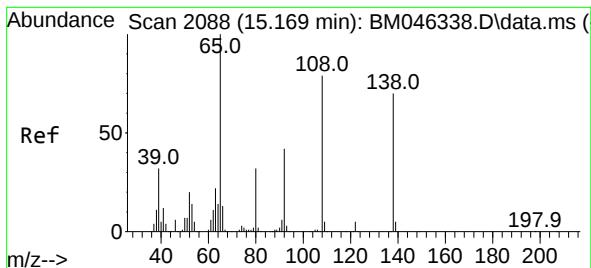
Tgt Ion:149 Resp: 920098
Ion Ratio Lower Upper
149 100
177 19.9 15.8 23.8
150 11.9 9.9 14.9



#61
4-Chlorophenyl-phenylether
Concen: 47.878 ng
RT: 15.080 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

Tgt Ion:204 Resp: 393775
Ion Ratio Lower Upper
204 100
206 31.9 25.8 38.8
141 69.4 57.4 86.2

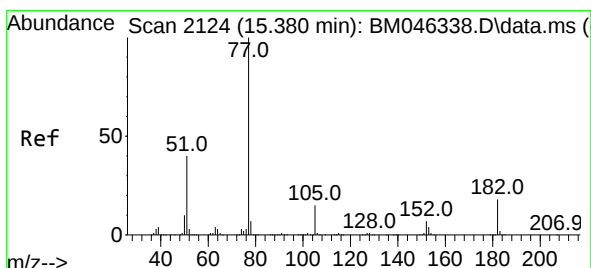
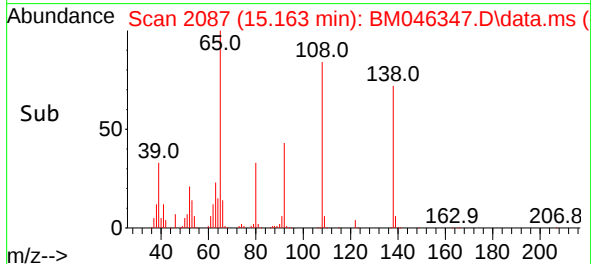
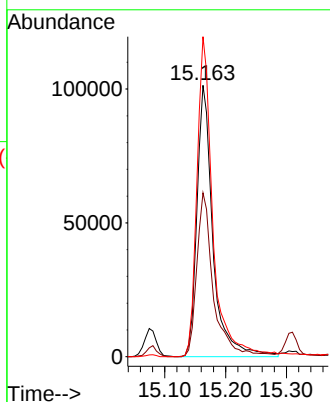
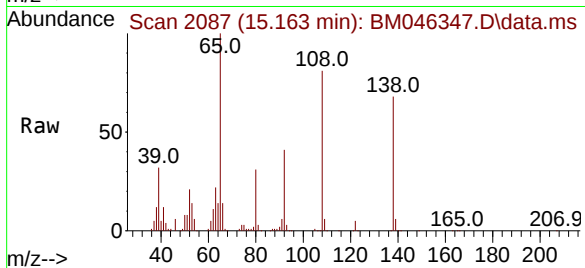




#62
4-Nitroaniline
Concen: 49.477 ng
RT: 15.163 min Scan# 2088
Delta R.T. -0.006 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

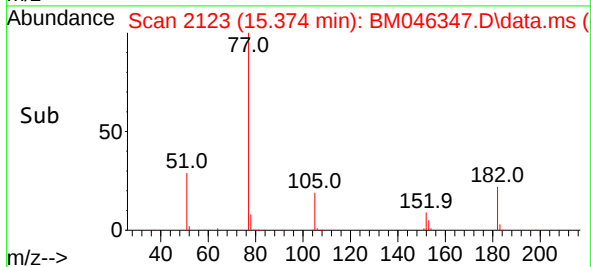
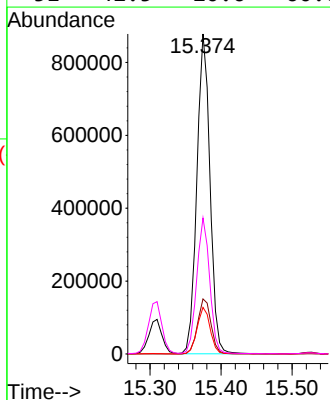
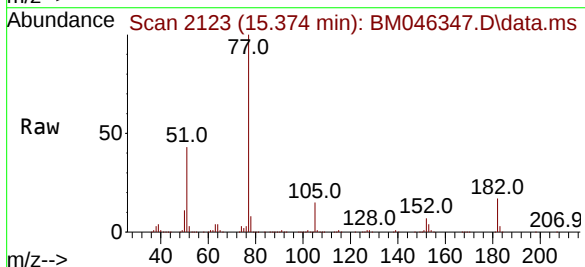
Instrument :
BNA_M
ClientSampleId :
PB161765BS

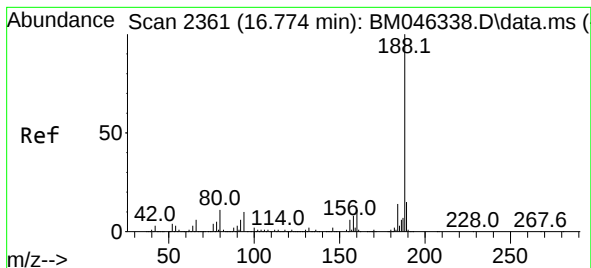
Tgt Ion:138 Resp: 184873
Ion Ratio Lower Upper
138 100
92 60.4 39.5 79.5
108 117.9 91.6 131.6



#63
Azobenzene
Concen: 50.956 ng
RT: 15.374 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

Tgt Ion: 77 Resp: 1130385
Ion Ratio Lower Upper
77 100
182 17.2 0.0 37.9
105 14.6 0.0 35.1
51 42.5 20.6 60.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.774 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM046347.D

Acq: 28 Jun 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB161765BS

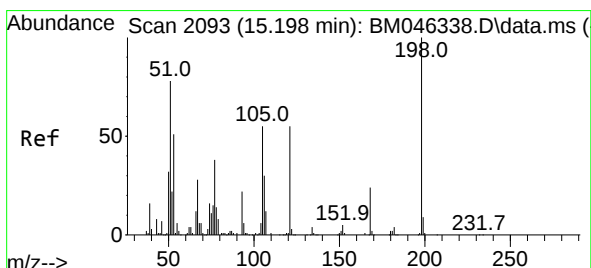
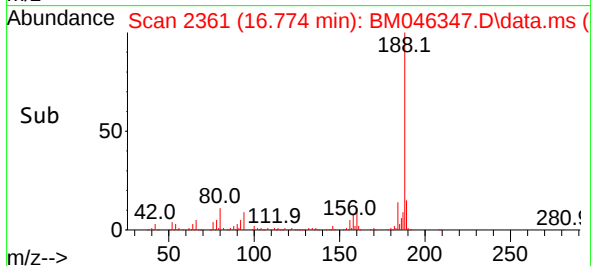
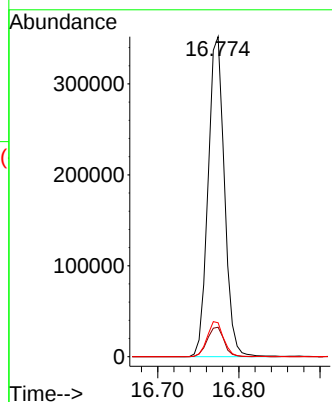
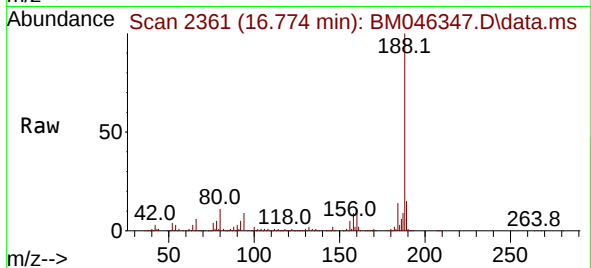
Tgt Ion:188 Resp: 490497

Ion Ratio Lower Upper

188 100

94 9.2 7.9 11.9

80 10.6 9.0 13.6



#65

4,6-Dinitro-2-methylphenol

Concen: 45.906 ng

RT: 15.198 min Scan# 2093

Delta R.T. 0.000 min

Lab File: BM046347.D

Acq: 28 Jun 2024 10:57

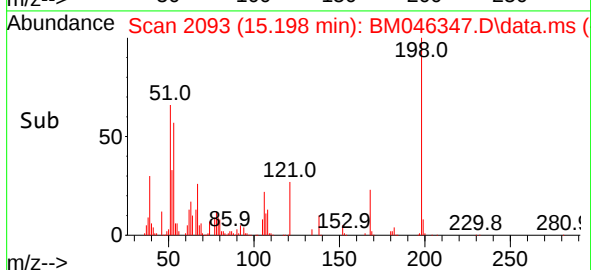
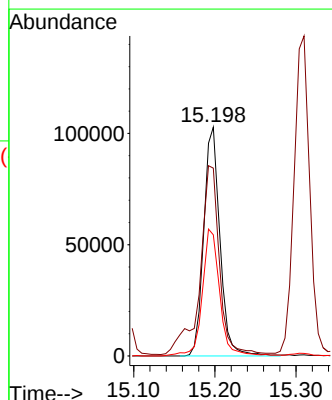
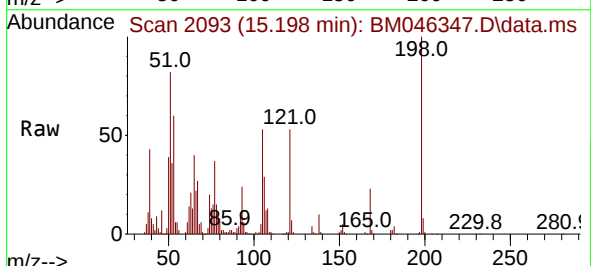
Tgt Ion:198 Resp: 142737

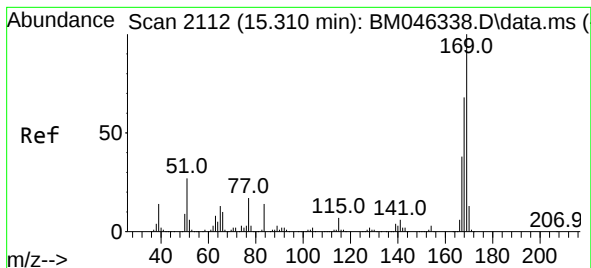
Ion Ratio Lower Upper

198 100

51 82.1 65.1 105.1

105 53.0 36.0 76.0





#66

n-Nitrosodiphenylamine

Concen: 49.152 ng

RT: 15.310 min Scan# 2112

Delta R.T. -0.000 min

Lab File: BM046347.D

Acq: 28 Jun 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB161765BS

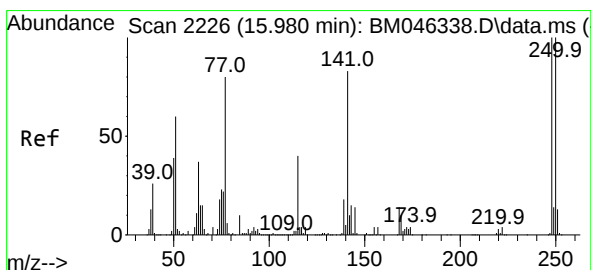
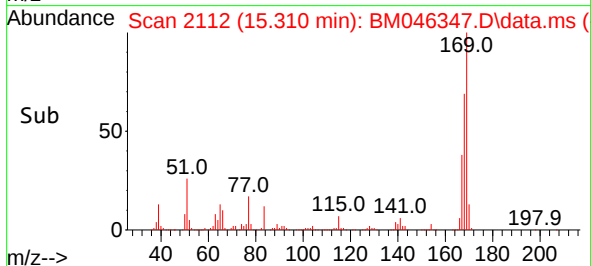
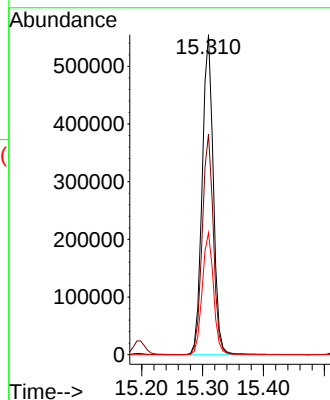
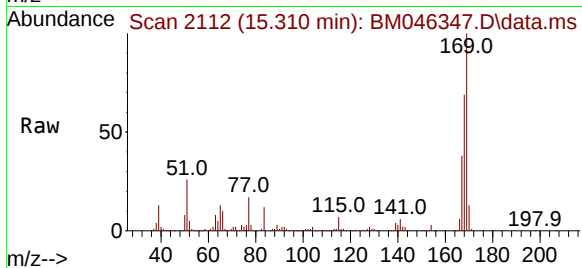
Tgt Ion:169 Resp: 700261

Ion Ratio Lower Upper

169 100

168 68.9 54.2 81.4

167 38.1 30.2 45.2



#67

4-Bromophenyl-phenylether

Concen: 47.413 ng

RT: 15.974 min Scan# 2225

Delta R.T. -0.006 min

Lab File: BM046347.D

Acq: 28 Jun 2024 10:57

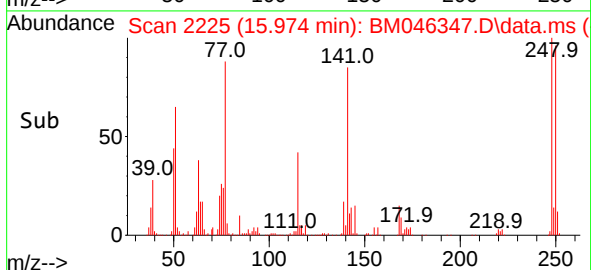
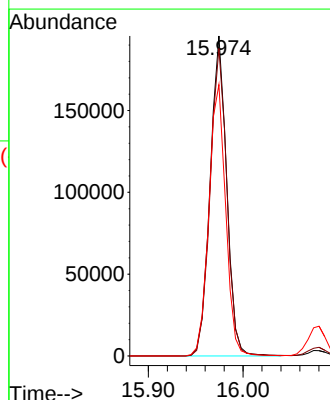
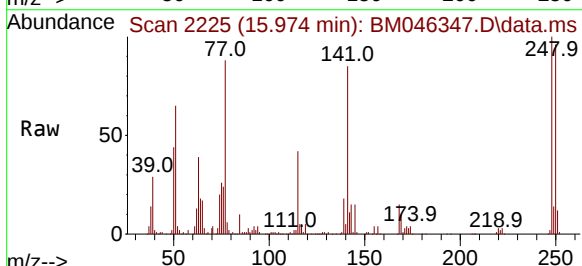
Tgt Ion:248 Resp: 237462

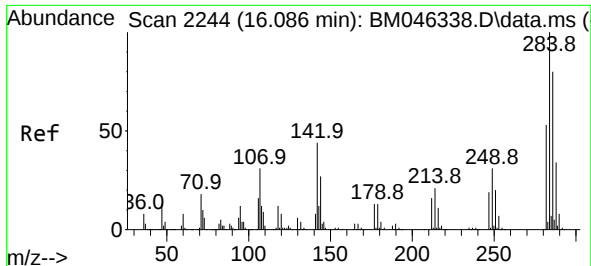
Ion Ratio Lower Upper

248 100

250 96.1 79.8 119.6

141 84.8 66.2 99.2

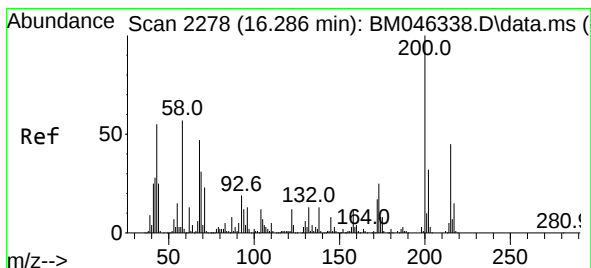
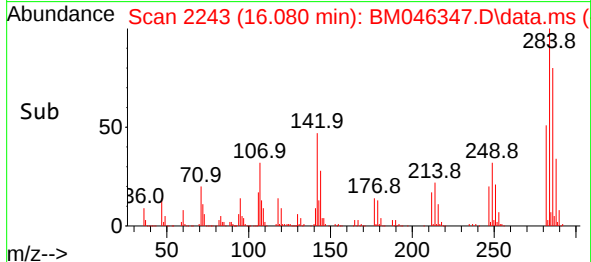
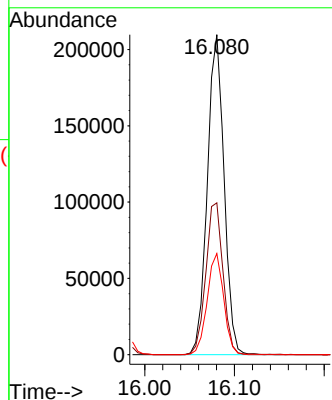
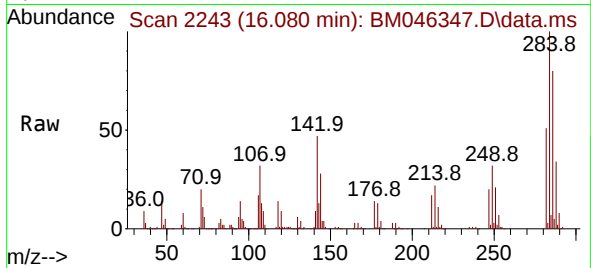




#68
Hexachlorobenzene
Concen: 45.904 ng
RT: 16.080 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

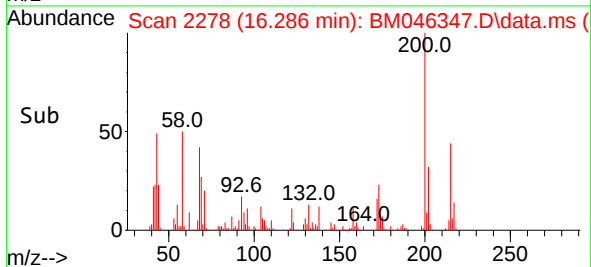
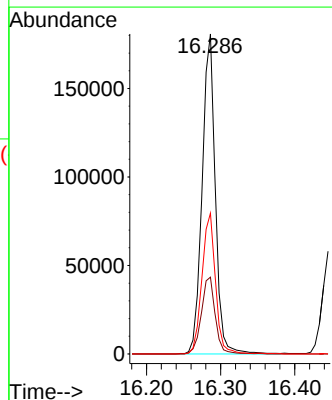
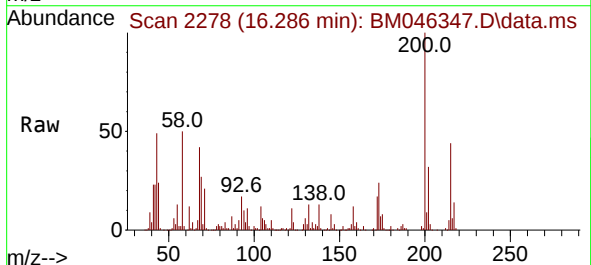
Instrument :
BNA_M
ClientSampleId :
PB161765BS

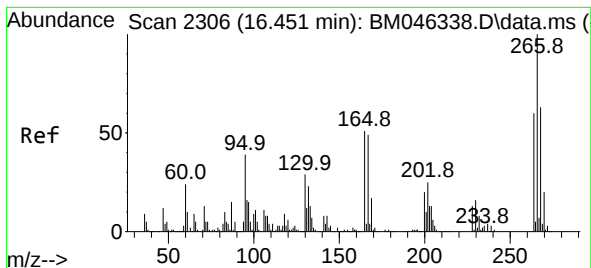
Tgt Ion:284 Resp: 271432
Ion Ratio Lower Upper
284 100
142 47.5 34.8 52.2
249 31.6 24.5 36.7



#69
Atrazine
Concen: 56.721 ng
RT: 16.286 min Scan# 2278
Delta R.T. 0.000 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

Tgt Ion:200 Resp: 223374
Ion Ratio Lower Upper
200 100
173 24.0 4.9 44.9
215 44.0 25.0 65.0





#70

Pentachlorophenol

Concen: 107.409 ng

RT: 16.445 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM046347.D

Acq: 28 Jun 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB161765BS

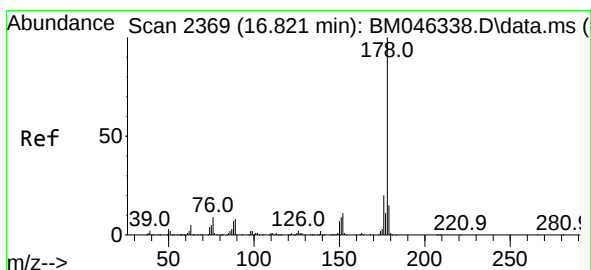
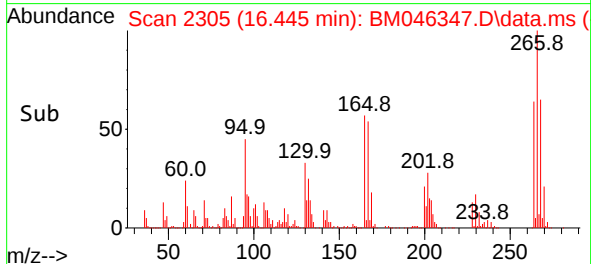
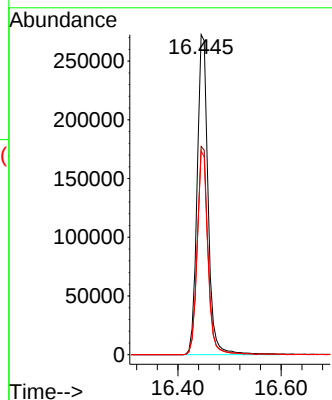
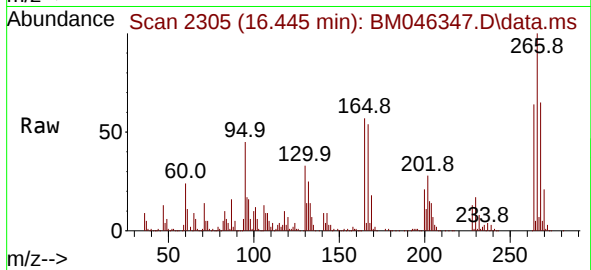
Tgt Ion:266 Resp: 399478

Ion Ratio Lower Upper

266 100

268 65.1 50.3 75.5

264 63.7 48.4 72.6



#71

Phenanthrene

Concen: 49.755 ng

RT: 16.816 min Scan# 2368

Delta R.T. -0.006 min

Lab File: BM046347.D

Acq: 28 Jun 2024 10:57

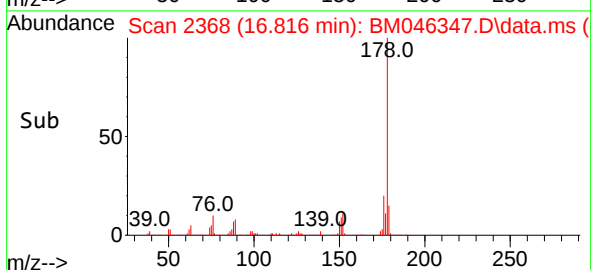
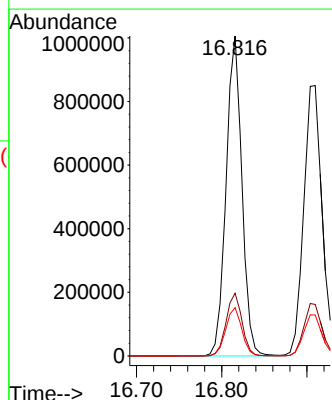
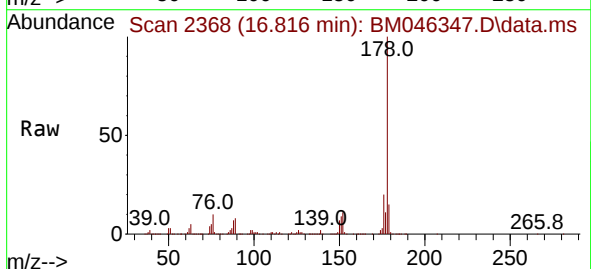
Tgt Ion:178 Resp: 1298658

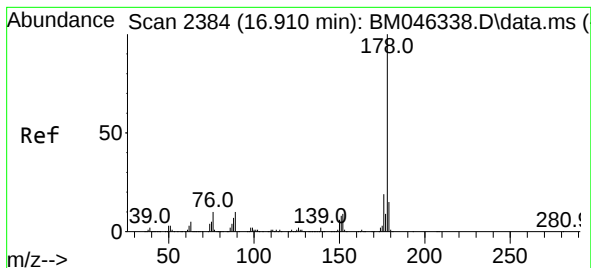
Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.8

179 15.1 12.2 18.4





#72

Anthracene

Concen: 50.680 ng

RT: 16.910 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM046347.D

Acq: 28 Jun 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB161765BS

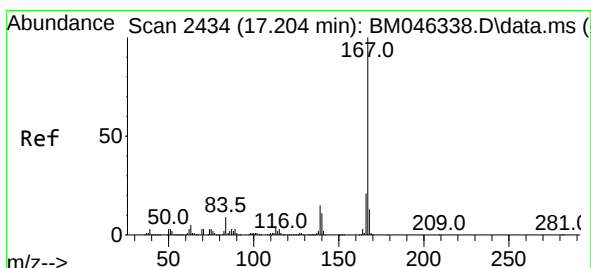
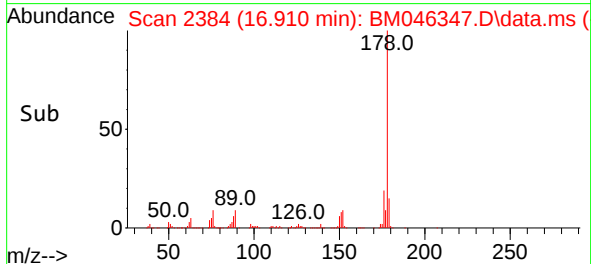
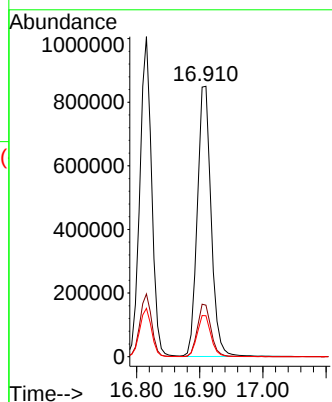
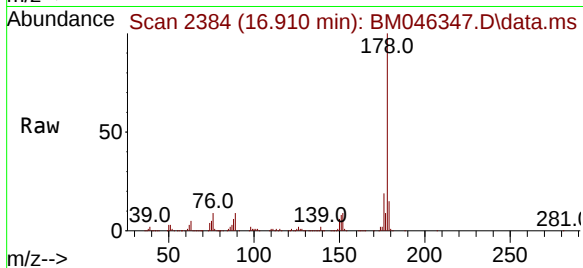
Tgt Ion:178 Resp: 1286698

Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

179 15.2 12.0 18.0



#73

Carbazole

Concen: 49.842 ng

RT: 17.204 min Scan# 2434

Delta R.T. 0.000 min

Lab File: BM046347.D

Acq: 28 Jun 2024 10:57

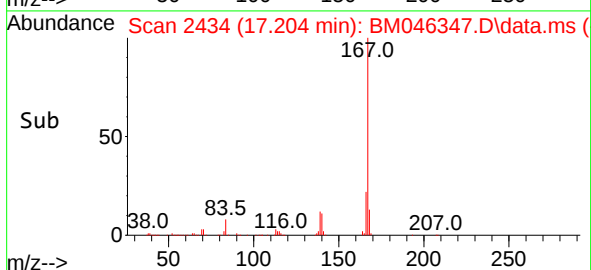
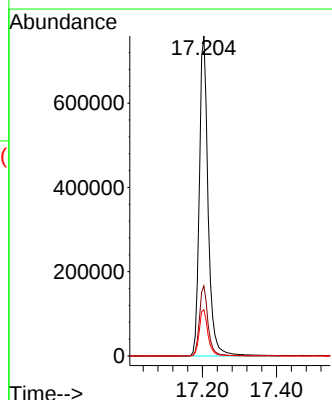
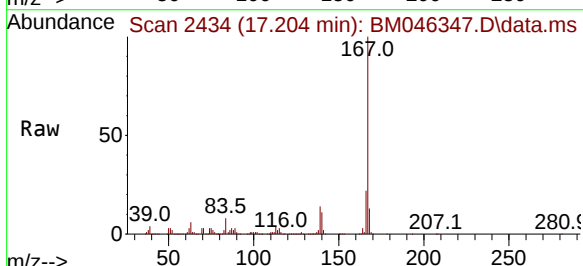
Tgt Ion:167 Resp: 1245997

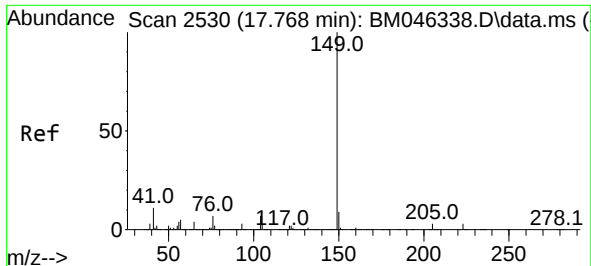
Ion Ratio Lower Upper

167 100

166 21.9 17.1 25.7

139 14.5 11.8 17.6

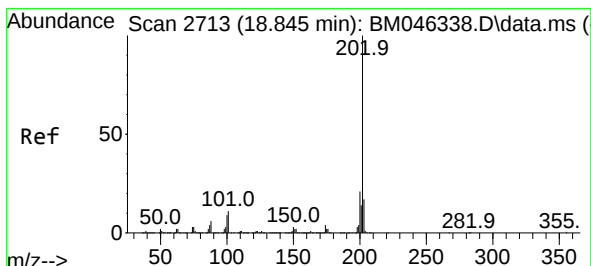
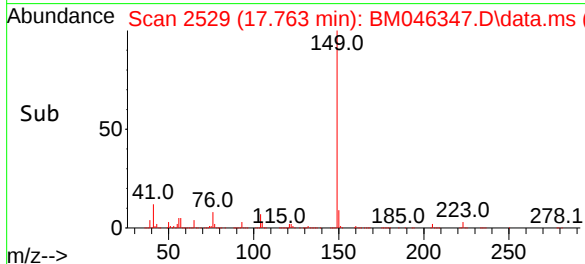
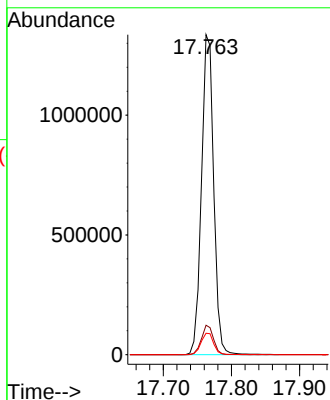
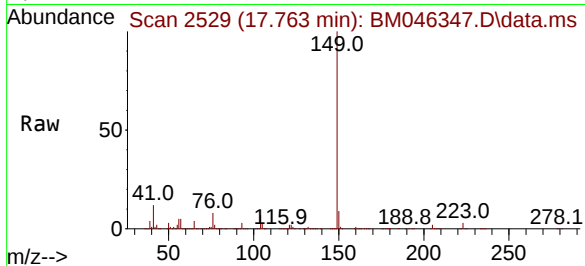




#74
Di-n-butylphthalate
Concen: 49.529 ng
RT: 17.763 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

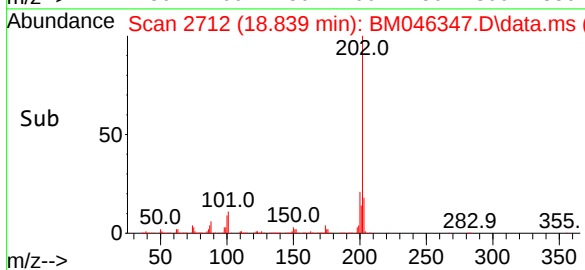
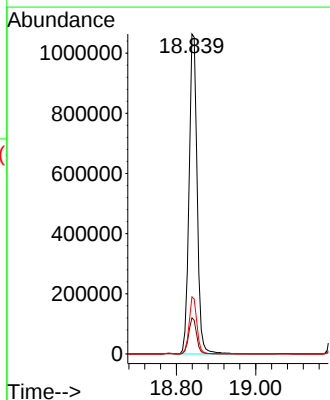
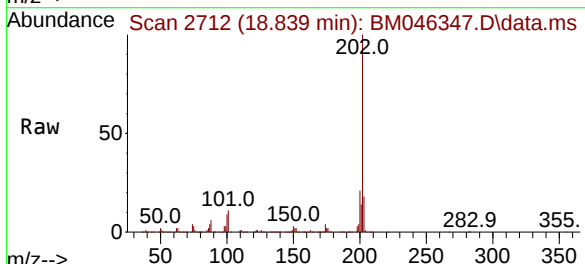
Instrument :
BNA_M
ClientSampleId :
PB161765BS

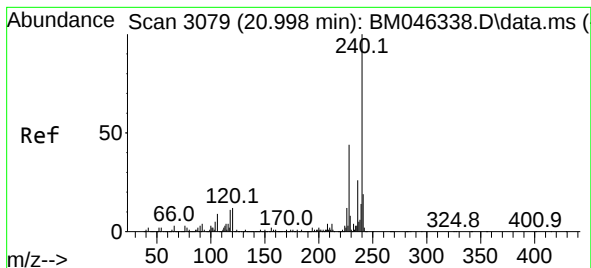
Tgt Ion:149 Resp: 1663559
Ion Ratio Lower Upper
149 100
150 9.2 7.2 10.8
104 6.7 5.4 8.2



#75
Fluoranthene
Concen: 48.632 ng
RT: 18.839 min Scan# 2712
Delta R.T. -0.006 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

Tgt Ion:202 Resp: 1499963
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.4
203 17.9 0.0 37.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 20.992 min Scan# 30

Delta R.T. -0.006 min

Lab File: BM046347.D

Acq: 28 Jun 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB161765BS

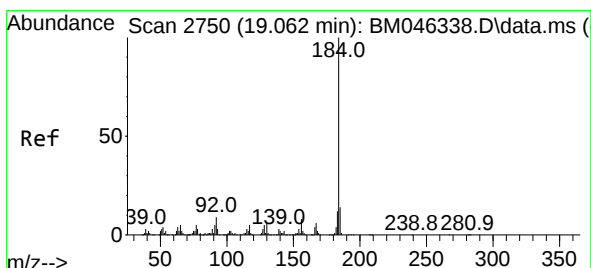
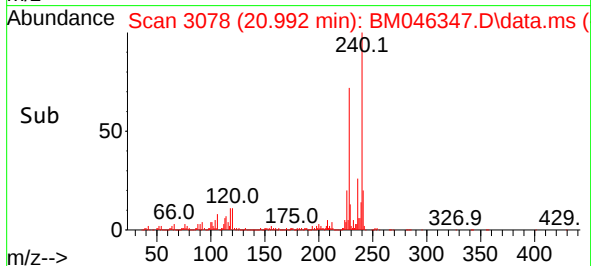
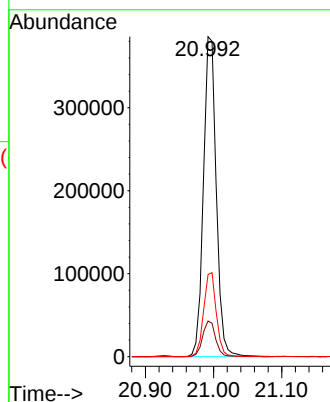
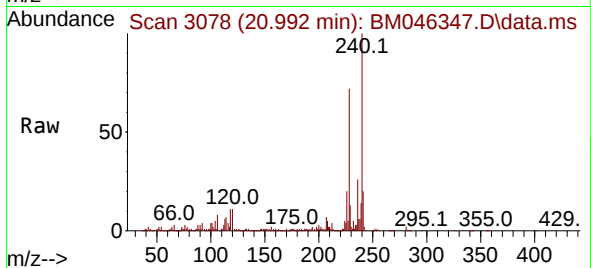
Tgt Ion:240 Resp: 504829

Ion Ratio Lower Upper

240 100

120 11.2 9.3 13.9

236 25.7 20.5 30.7



#77

Benzidine

Concen: 45.962 ng

RT: 19.068 min Scan# 2751

Delta R.T. 0.006 min

Lab File: BM046347.D

Acq: 28 Jun 2024 10:57

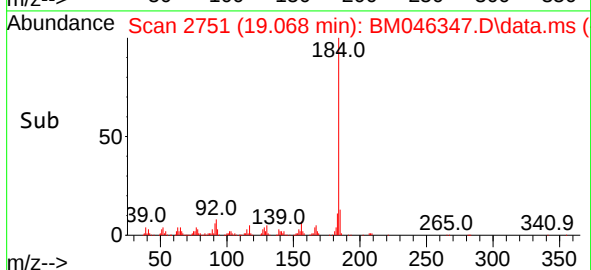
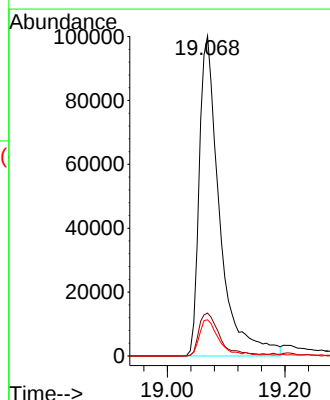
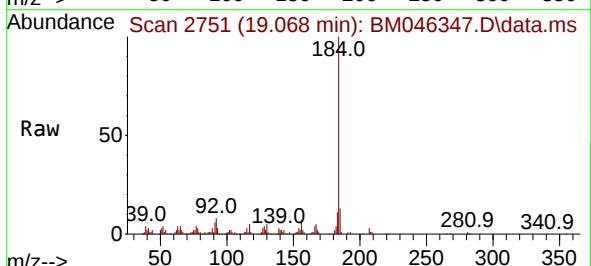
Tgt Ion:184 Resp: 240747

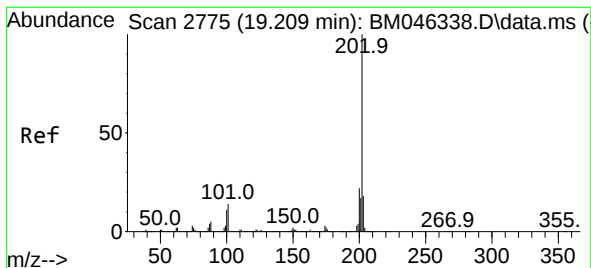
Ion Ratio Lower Upper

184 100

185 13.4 11.1 16.7

183 11.3 9.4 14.2





#78

Pyrene

Concen: 45.294 ng

RT: 19.210 min Scan# 21

Delta R.T. 0.001 min

Lab File: BM046347.D

Acq: 28 Jun 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB161765BS

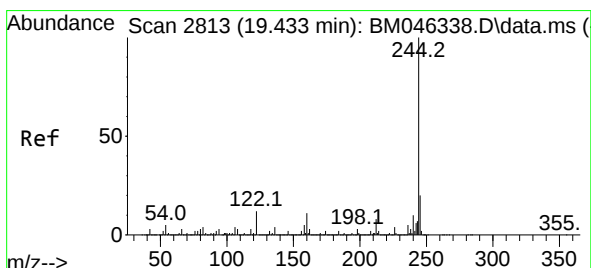
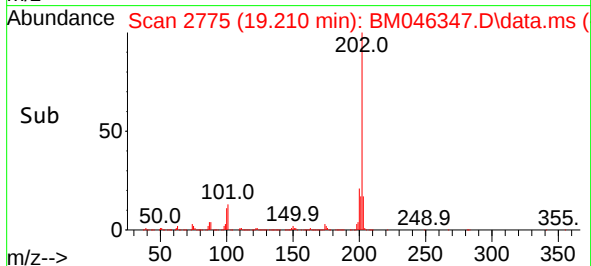
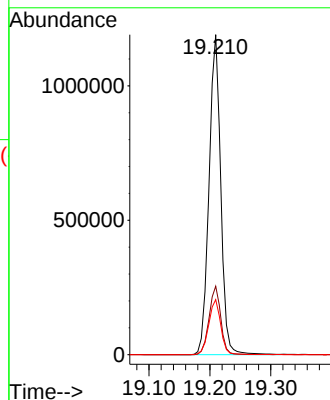
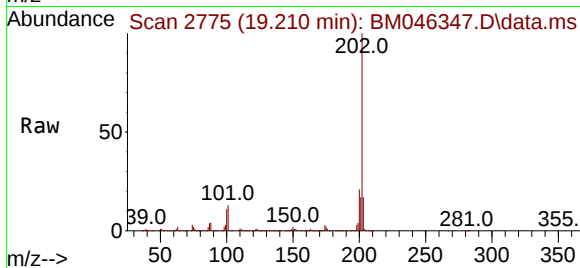
Tgt Ion:202 Resp: 1588276

Ion Ratio Lower Upper

202 100

200 21.4 17.3 25.9

203 17.2 14.3 21.5



#79

Terphenyl-d14

Concen: 87.424 ng

RT: 19.427 min Scan# 2812

Delta R.T. -0.006 min

Lab File: BM046347.D

Acq: 28 Jun 2024 10:57

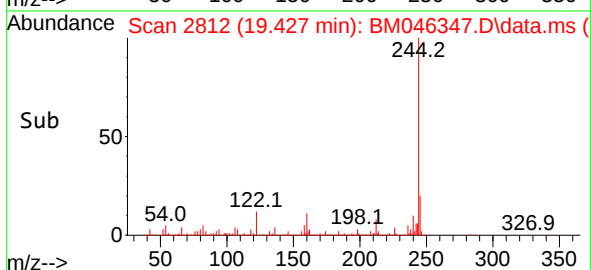
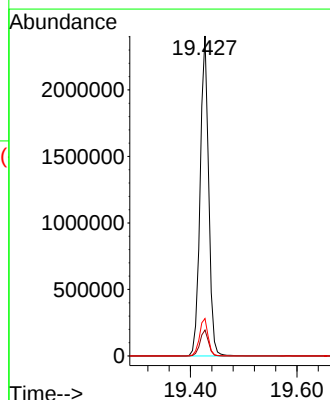
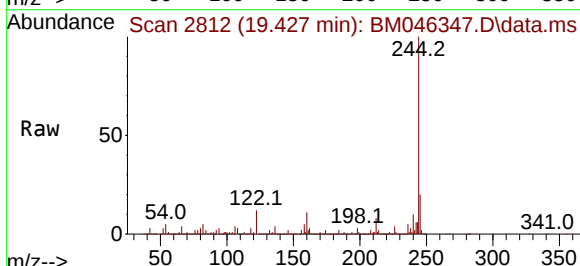
Tgt Ion:244 Resp: 2667524

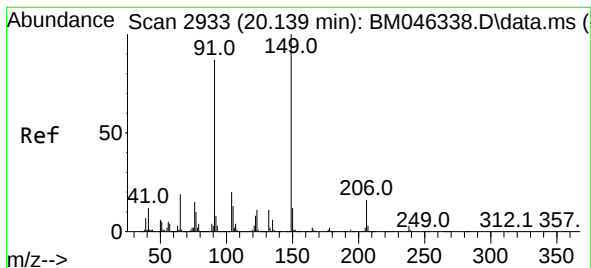
Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

122 11.7 9.4 14.0





#80

Butylbenzylphthalate

Concen: 49.456 ng

RT: 20.139 min Scan# 2933

Delta R.T. -0.000 min

Lab File: BM046347.D

Acq: 28 Jun 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB161765BS

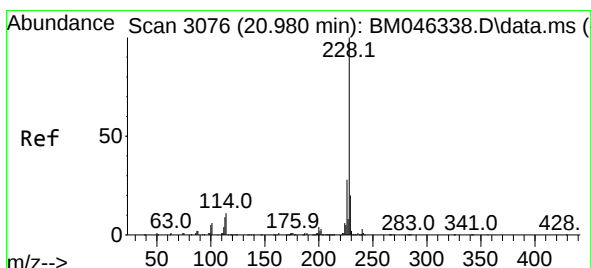
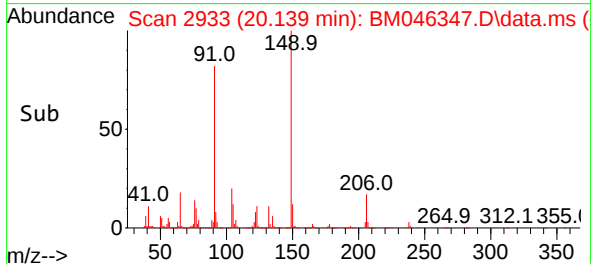
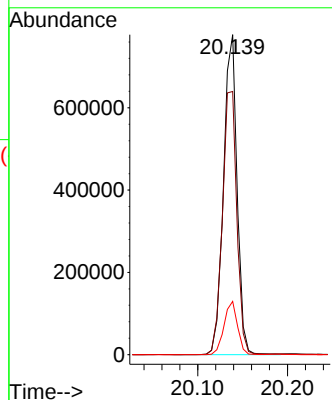
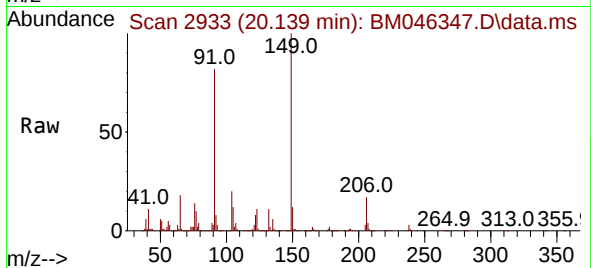
Tgt Ion:149 Resp: 815973

Ion Ratio Lower Upper

149 100

91 82.2 69.5 104.3

206 16.7 13.0 19.6



#81

Benzo(a)anthracene

Concen: 49.910 ng

RT: 20.980 min Scan# 3076

Delta R.T. 0.000 min

Lab File: BM046347.D

Acq: 28 Jun 2024 10:57

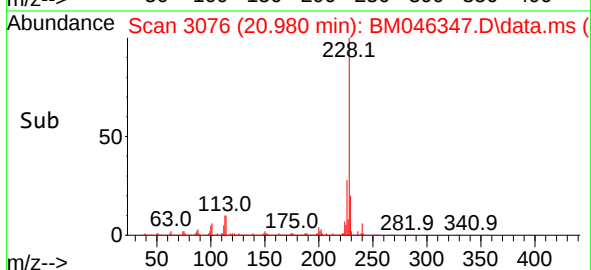
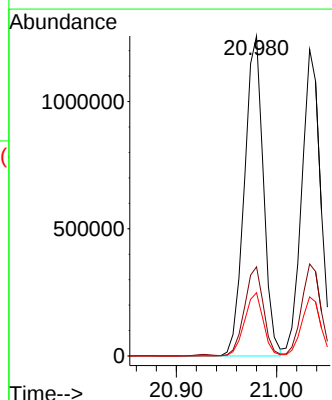
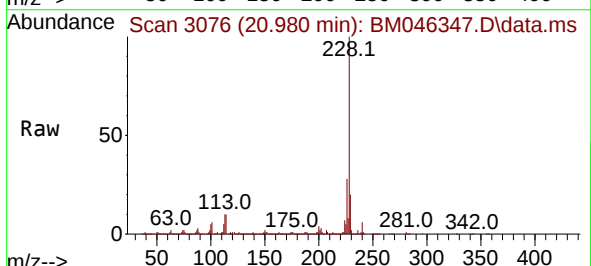
Tgt Ion:228 Resp: 1652834

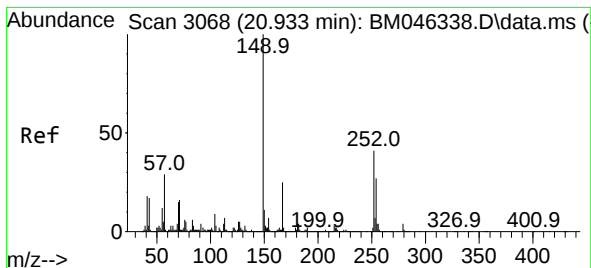
Ion Ratio Lower Upper

228 100

226 27.9 22.5 33.7

229 19.8 15.9 23.9

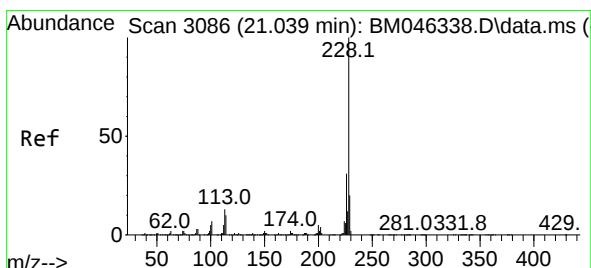
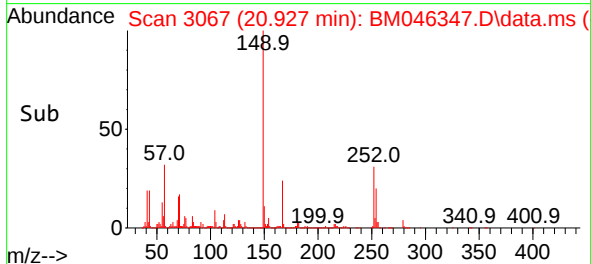
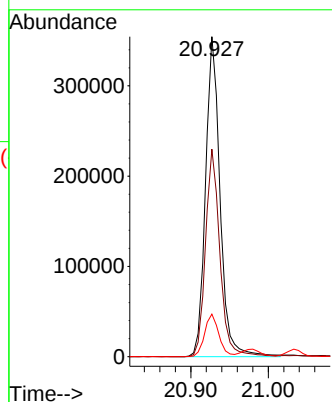
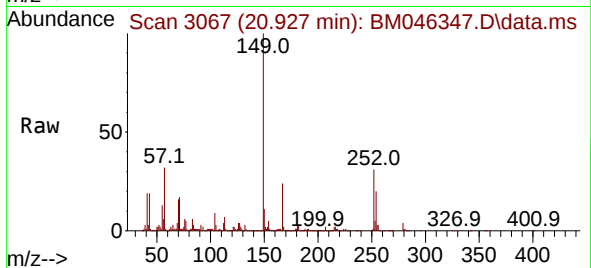




#82
 3,3'-Dichlorobenzidine
 Concen: 43.553 ng
 RT: 20.927 min Scan# 3067
 Delta R.T. -0.006 min
 Lab File: BM046347.D
 Acq: 28 Jun 2024 10:57

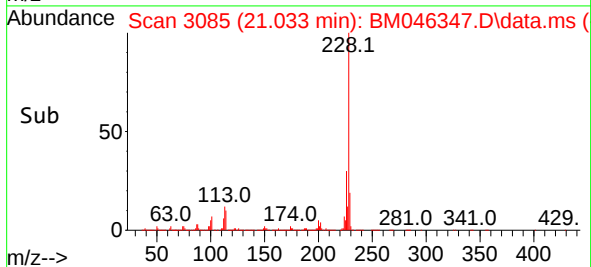
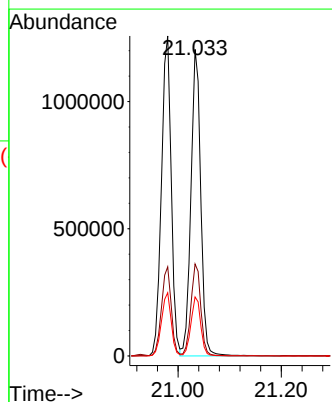
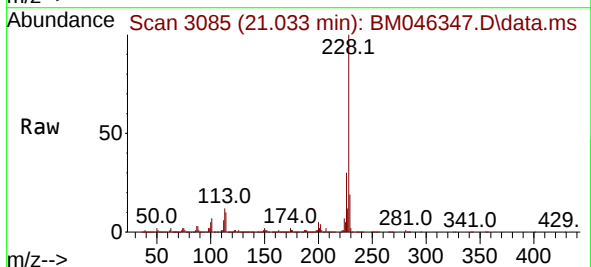
Instrument :
 BNA_M
 ClientSampleId :
 PB161765BS

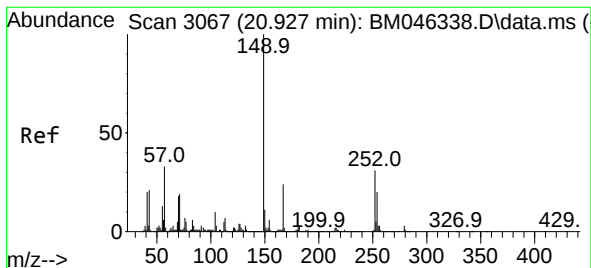
Tgt Ion:252 Resp: 462632
 Ion Ratio Lower Upper
 252 100
 254 64.8 52.6 79.0
 126 13.3 10.2 15.4



#83
 Chrysene
 Concen: 50.015 ng
 RT: 21.033 min Scan# 3085
 Delta R.T. -0.006 min
 Lab File: BM046347.D
 Acq: 28 Jun 2024 10:57

Tgt Ion:228 Resp: 1584060
 Ion Ratio Lower Upper
 228 100
 226 30.0 24.6 36.8
 229 19.3 15.9 23.9

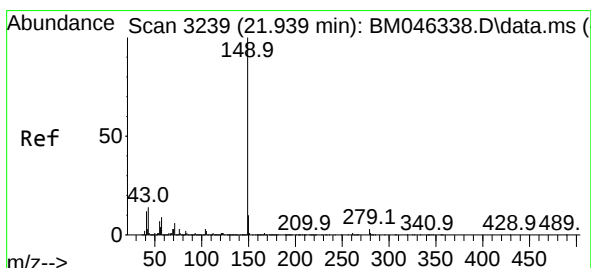
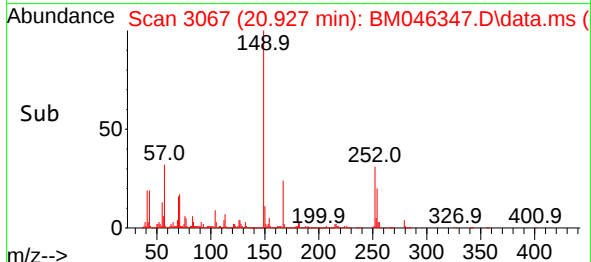
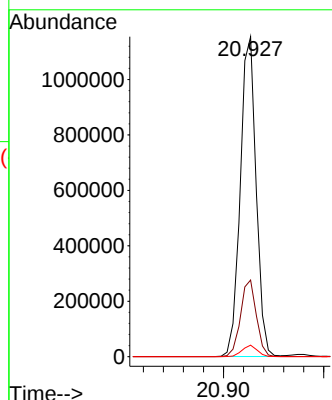
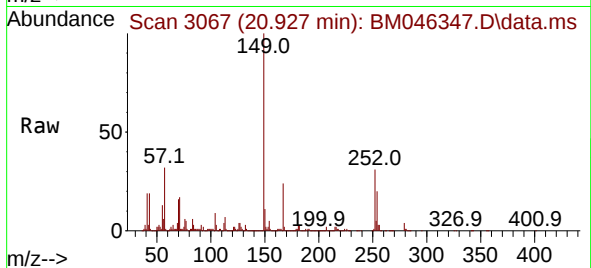




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.272 ng
 RT: 20.927 min Scan# 3067
 Delta R.T. 0.000 min
 Lab File: BM046347.D
 Acq: 28 Jun 2024 10:57

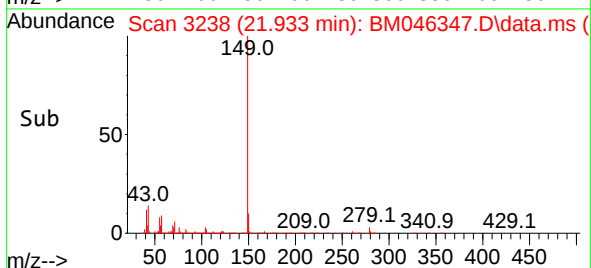
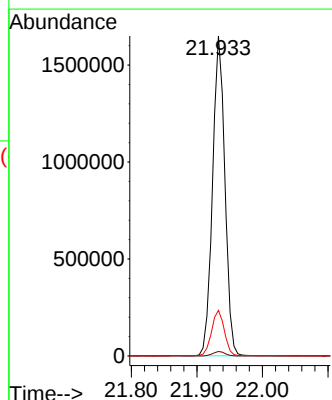
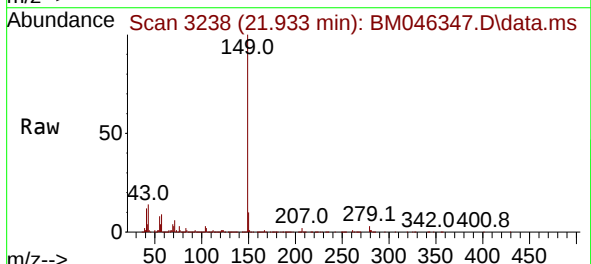
Instrument :
 BNA_M
 ClientSampleId :
 PB161765BS

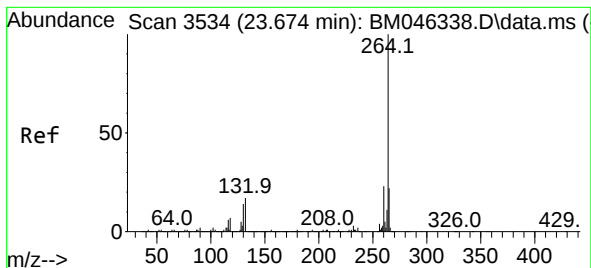
Tgt Ion:149 Resp: 1271877
 Ion Ratio Lower Upper
 149 100
 167 23.9 19.6 29.4
 279 3.6 2.6 4.0



#85
 Di-n-octyl phthalate
 Concen: 51.672 ng
 RT: 21.933 min Scan# 3238
 Delta R.T. -0.006 min
 Lab File: BM046347.D
 Acq: 28 Jun 2024 10:57

Tgt Ion:149 Resp: 2155268
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.1 1.7
 43 14.6 11.6 17.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.668 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM046347.D

Acq: 28 Jun 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB161765BS

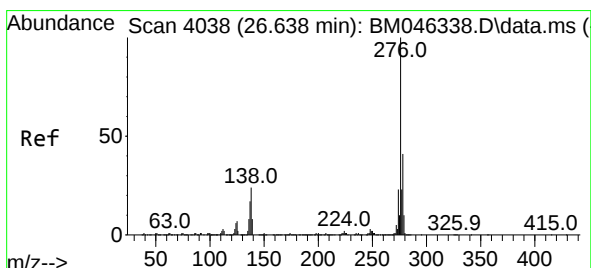
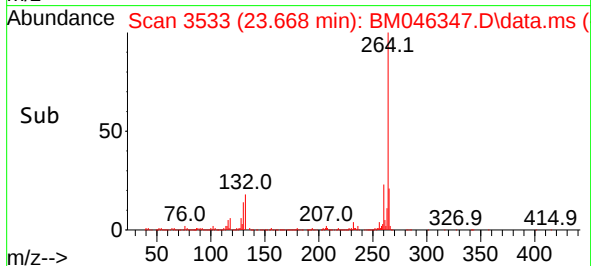
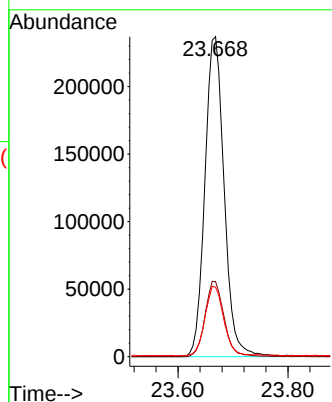
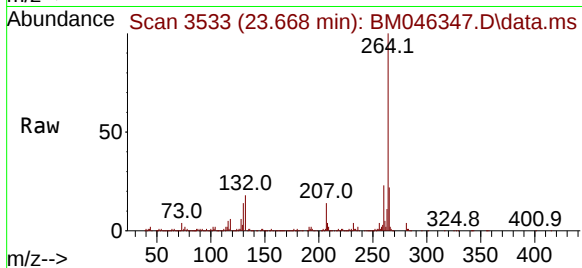
Tgt Ion:264 Resp: 576222

Ion Ratio Lower Upper

264 100

260 23.5 18.5 27.7

265 21.7 17.7 26.5



#87

Indeno(1,2,3-cd)pyrene

Concen: 56.657 ng

RT: 26.621 min Scan# 4035

Delta R.T. -0.018 min

Lab File: BM046347.D

Acq: 28 Jun 2024 10:57

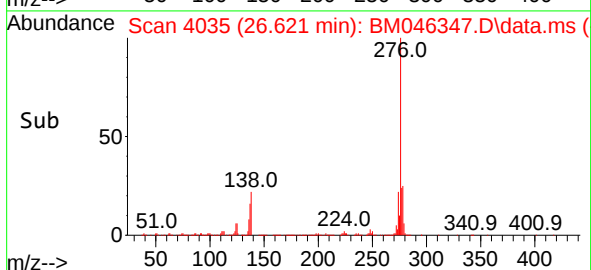
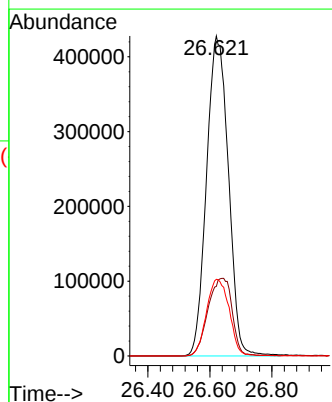
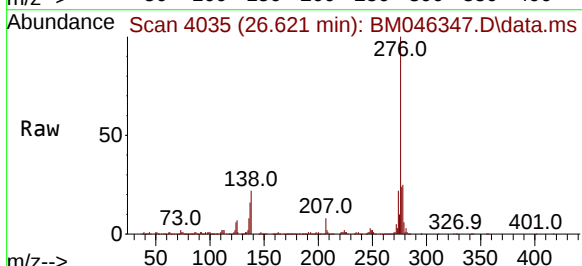
Tgt Ion:276 Resp: 2093894

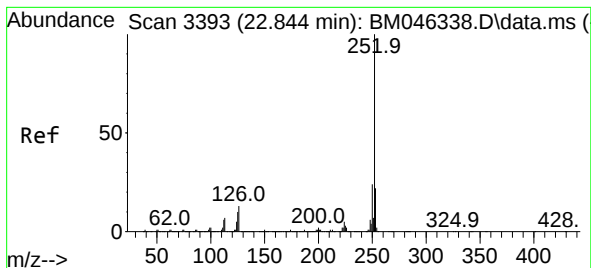
Ion Ratio Lower Upper

276 100

138 26.7 21.4 32.2

277 25.0 19.8 29.8





#88

Benzo(b)fluoranthene

Concen: 52.961 ng

RT: 22.833 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM046347.D

Acq: 28 Jun 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB161765BS

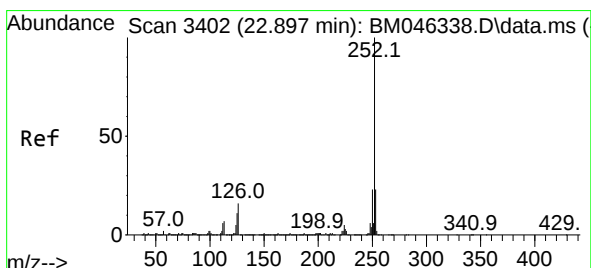
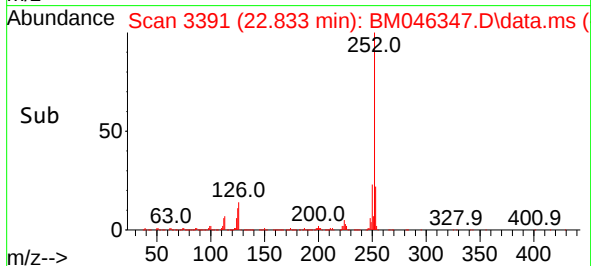
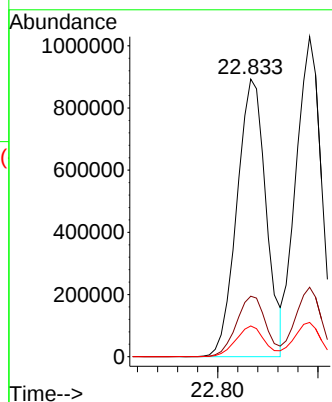
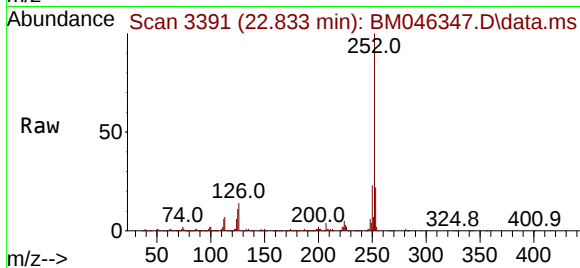
Tgt Ion:252 Resp: 1807539

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 11.0 8.4 12.6



#89

Benzo(k)fluoranthene

Concen: 53.595 ng

RT: 22.892 min Scan# 3401

Delta R.T. -0.006 min

Lab File: BM046347.D

Acq: 28 Jun 2024 10:57

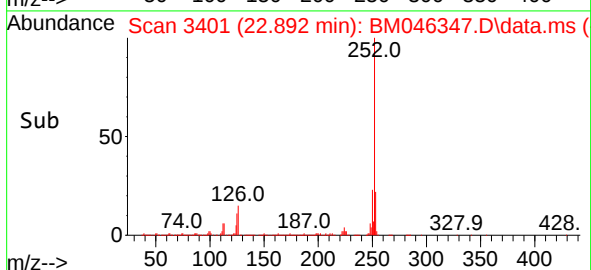
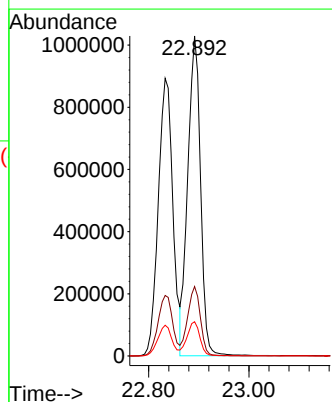
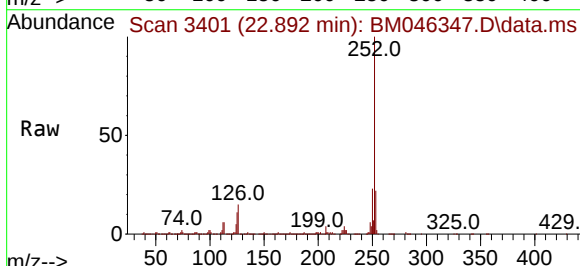
Tgt Ion:252 Resp: 1819595

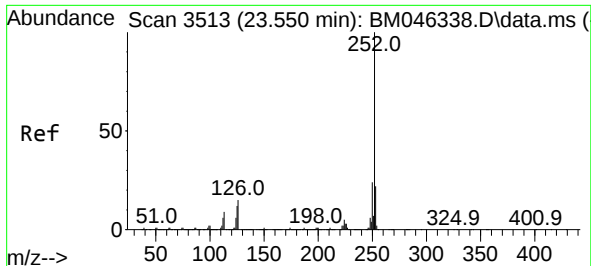
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.8

125 10.7 8.9 13.3

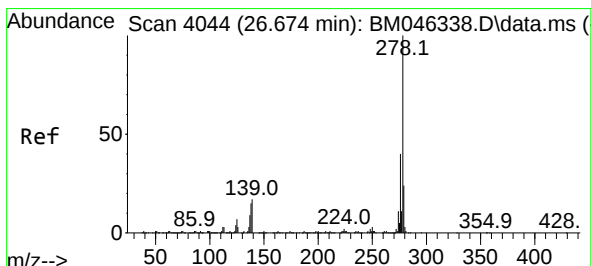
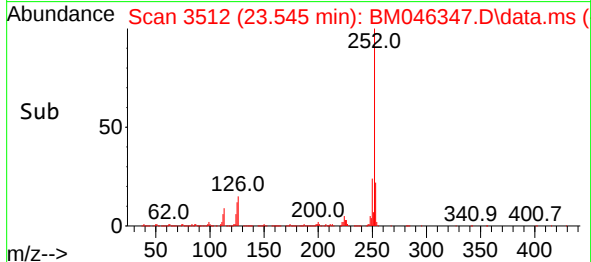
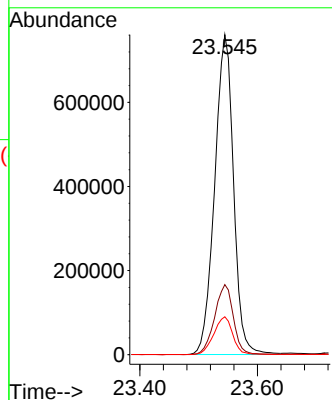
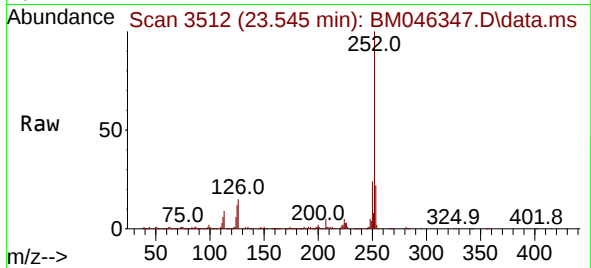




#90
Benzo(a)pyrene
Concen: 56.522 ng
RT: 23.545 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

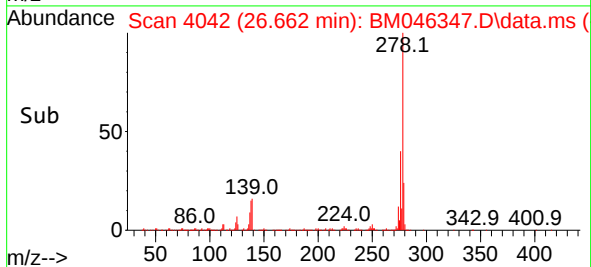
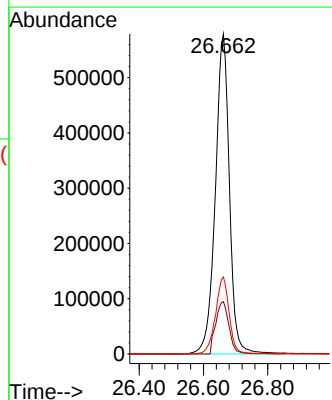
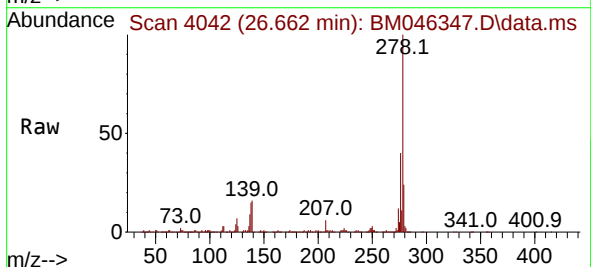
Instrument :
BNA_M
ClientSampleId :
PB161765BS

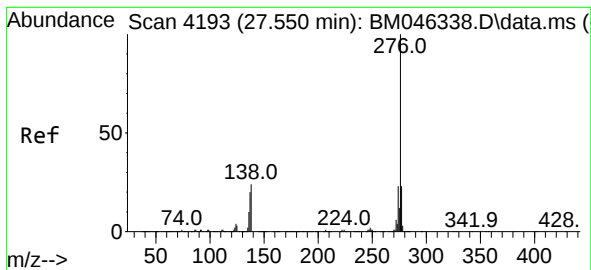
Tgt Ion:252 Resp: 1694368
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 11.9 9.8 14.6



#91
Dibenzo(a,h)anthracene
Concen: 57.106 ng
RT: 26.662 min Scan# 4042
Delta R.T. -0.012 min
Lab File: BM046347.D
Acq: 28 Jun 2024 10:57

Tgt Ion:278 Resp: 1762227
Ion Ratio Lower Upper
278 100
139 16.4 13.7 20.5
279 24.0 19.3 28.9





#92

Benzo(g,h,i)perylene

Concen: 52.407 ng

RT: 27.538 min Scan# 41

Delta R.T. -0.012 min

Lab File: BM046347.D

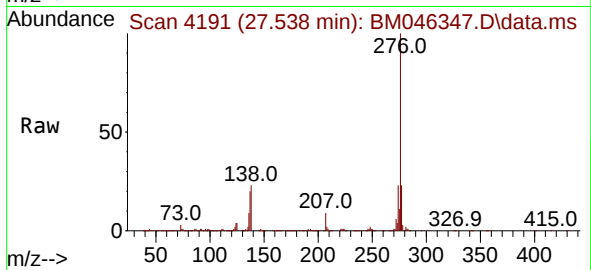
Acq: 28 Jun 2024 10:57

Instrument :

BNA_M

ClientSampleId :

PB161765BS



Tgt Ion:276 Resp: 1601833

Ion Ratio Lower Upper

276 100

277 23.2 18.5 27.7

138 22.7 19.0 28.4

