

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
 Data File : BM047027.D
 Acq On : 06 Aug 2024 17:50
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 07 01:14:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 06 04:53:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.398	152	225868	20.000	ng/ul	0.00
20) Naphthalene-d8	10.157	136	943231	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.051	164	628254	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.810	188	1281888	20.000	ng/ul	0.00
79) Chrysene-d12	21.045	240	1045478	20.000	ng/ul	0.00
88) Perylene-d12	23.756	264	1252211	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.016	96	44914	7.878	ng/uL	0.00
4) Pyridine-d5	3.404	84	325320	20.919	ng/ul	0.00
7) Phenol-d5	6.604	99	381267	22.221	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.757	67	257479	22.807	ng/ul	0.00
11) 2-Chlorophenol-d4	6.940	132	313915	21.598	ng/ul	0.00
15) 4-Methylphenol-d8	8.122	113	307795	22.645	ng/ul	0.00
21) Nitrobenzene-d5	8.545	128	157159	20.764	ng/ul	0.00
24) 2-Nitrophenol-d4	9.257	143	176171	21.314	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.792	165	327610	20.644	ng/ul	0.00
31) 4-Chloroaniline-d4	10.304	131	434090	20.813	ng/ul	0.00
46) Dimethylphthalate-d6	13.480	166	935478	19.474	ng/ul	0.00
49) Acenaphthylene-d8	13.739	160	1100091	20.516	ng/ul	0.00
54) 4-Nitrophenol-d4	14.292	143	175883	18.937	ng/ul	0.00
60) Fluorene-d10	15.057	176	816353	19.866	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.198	200	152056	18.775	ng/ul	0.00
73) Anthracene-d10	16.910	188	1239187	20.392	ng/ul	0.00
81) Pyrene-d10	19.221	212	1312259	21.926	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.568	264	1336311	20.266	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.052	88	47789	7.533	ng/uL	97
5) Pyridine	3.428	79	325608	21.149	ng/ul	92
6) Benzaldehyde	6.557	77	232887	23.631	ng/ul	99
8) Phenol	6.628	94	396247	22.932	ng/ul	94
10) Bis(2-Chloroethyl)ether	6.845	93	333728	22.659	ng/ul	94
12) 2-Chlorophenol	6.969	128	321337	21.823	ng/ul	98
13) 2-Methylphenol	7.851	108	295515	22.451	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	7.922	45	429931	24.360	ng/ul	99
16) Acetophenone	8.216	105	478000	22.343	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.210	70	251171	22.264	ng/ul	97
18) 4-Methylphenol	8.181	108	327149	23.003	ng/ul	98
19) Hexachloroethane	8.451	117	147130	20.513	ng/ul	98
22) Nitrobenzene	8.586	77	404050	19.981	ng/ul	94
23) Isophorone	9.110	82	721192	20.843	ng/ul	98
25) 2-Nitrophenol	9.286	139	190961	21.119	ng/ul	96
26) 2,4-Dimethylphenol	9.363	107	351593	19.727	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.598	93	454139	21.291	ng/ul	99
29) 2,4-Dichlorophenol	9.816	162	322398	20.369	ng/ul	99
30) Naphthalene	10.204	128	1003953	20.103	ng/ul	100
32) 4-Chloroaniline	10.328	127	421915	20.831	ng/ul	99
33) Hexachlorobutadiene	10.492	225	209590	18.355	ng/ul	98
35) 4-Chloro-3-methylphenol	11.469	107	339877	20.825	ng/ul	99
36) 2-Methylnaphthalene	11.827	142	721031	20.677	ng/ul	100
37) 1-Methylnaphthalene	12.057	142	725648	20.556	ng/ul	98

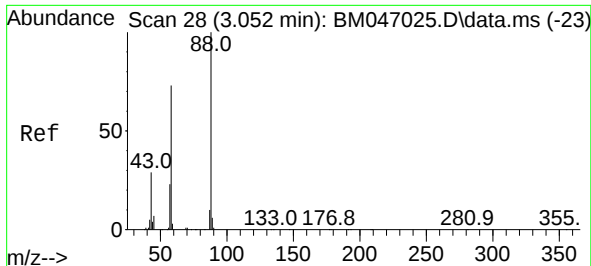
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

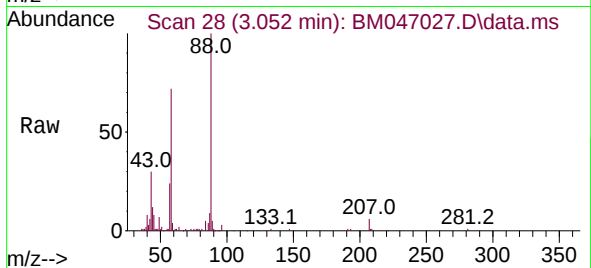
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.210	216	381194	19.347	ng/ul	99
40) Hexachlorocyclopentadiene	12.192	237	210226	16.197	ng/ul#	98
41) 2,4,6-Trichlorophenol	12.469	196	265945	20.621	ng/ul	98
42) 2,4,5-Trichlorophenol	12.539	196	284133	20.405	ng/ul	100
43) 1,1'-Biphenyl	12.874	154	942479	20.052	ng/ul	99
44) 2-Chloronaphthalene	12.910	162	757863	20.304	ng/ul	99
45) 2-Nitroaniline	13.133	65	237233	20.915	ng/ul	98
47) Dimethylphthalate	13.527	163	953900	19.789	ng/ul	99
48) 2,6-Dinitrotoluene	13.645	165	191545	20.441	ng/ul	92
50) Acenaphthylene	13.769	152	1131846	19.987	ng/ul	99
51) 3-Nitroaniline	13.974	138	198077	20.756	ng/ul	99
52) Acenaphthene	14.116	153	819063	20.062	ng/ul	99
53) 2,4-Dinitrophenol	14.186	184	106560	16.117	ng/ul	95
55) 4-Nitrophenol	14.310	109	158764	16.889	ng/ul	88
56) Dibenzofuran	14.457	168	1136717	19.839	ng/ul	96
57) 2,4-Dinitrotoluene	14.445	165	281382	19.650	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.692	232	231453	18.698	ng/ul	99
59) Diethylphthalate	14.916	149	985606	19.007	ng/ul	99
61) Fluorene	15.116	166	910530	19.267	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.121	204	427783	18.387	ng/ul	96
63) 4-Nitroaniline	15.145	138	174806	18.536	ng/ul	87
66) 4,6-Dinitro-2-methylph...	15.210	198	169630	19.141	ng/ul	97
67) N-Nitrosodiphenylamine	15.339	169	797929	21.000	ng/ul	99
68) 4-Bromophenyl-phenylether	16.015	248	279458	20.141	ng/ul	94
69) Hexachlorobenzene	16.115	284	328594	20.112	ng/ul	96
70) Atrazine	16.310	200	285853	19.175	ng/ul	98
71) Pentachlorophenol	16.468	266	208513	18.851	ng/ul	98
72) Phenanthrene	16.851	178	1443785	20.092	ng/ul	100
74) Anthracene	16.945	178	1451487	20.030	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.833	216	384964	20.872	ng/uL	97
76) Pentachlorobenzene	14.374	250	387867	20.317	ng/uL	99
77) Carbazole	17.221	167	1348248	20.069	ng/ul	100
78) Di-n-butylphthalate	17.809	149	1651823	19.336	ng/ul	98
80) Fluoranthene	18.886	202	1574321	22.011	ng/ul	99
82) Pyrene	19.251	202	1663548	21.828	ng/ul	96
83) Butylbenzylphthalate	20.192	149	706186	21.200	ng/ul	98
84) 3,3'-Dichlorobenzidine	20.968	252	473876	18.489	ng/ul	97
85) Benzo(a)anthracene	21.027	228	1561247	20.447	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	20.992	149	984966	20.255	ng/ul	99
87) Chrysene	21.086	228	1467013	20.145	ng/ul	99
89) Di-n-octyl phthalate	22.027	149	1659509	18.785	ng/ul	100
90) Benzo(b)fluoranthene	22.903	252	1574387	20.326	ng/ul	99
91) Benzo(k)fluoranthene	22.962	252	1571753	20.534	ng/ul	99
93) Benzo(a)pyrene	23.627	252	1473784	20.423	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.756	276	1872955	20.258	ng/ul	99
95) Dibenzo(a,h)anthracene	26.809	278	1515010	20.401	ng/ul	99
96) Benzo(g,h,i)perylene	27.685	276	1466162	20.071	ng/ul	98

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

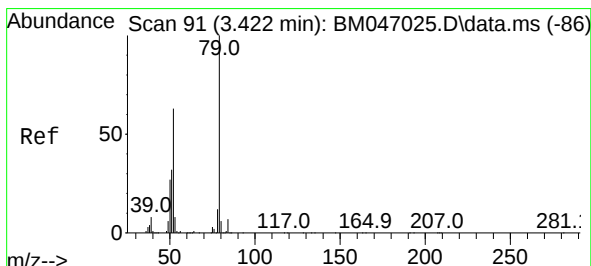
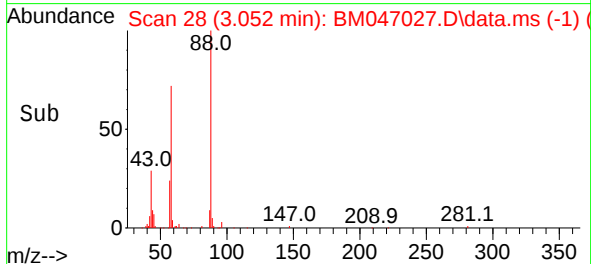
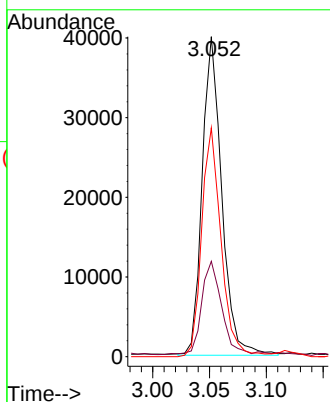


#2
1,4-Dioxane
Concen: 7.533 ng/uL
RT: 3.052 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM047027.D
Acq: 06 Aug 2024 17:50

Instrument :
BNA_M
ClientSampleId :

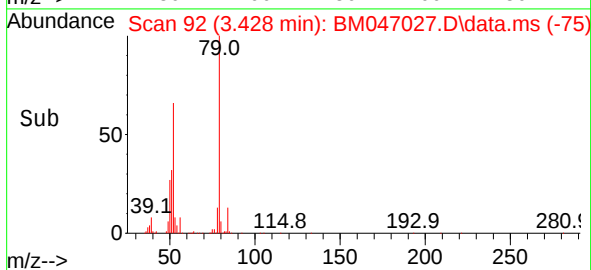
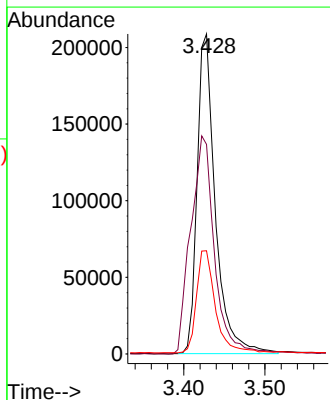
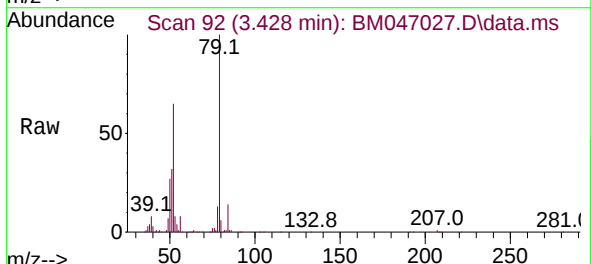


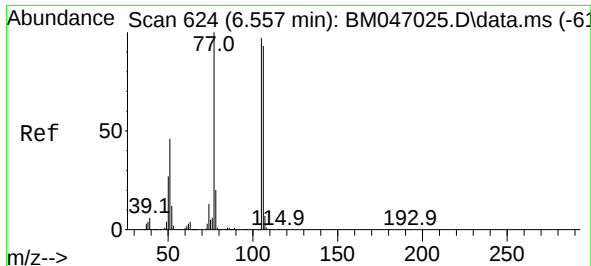
Tgt Ion: 88 Resp: 47789
Ion Ratio Lower Upper
88 100
43 29.8 24.9 37.3
58 71.5 59.7 89.5



#5
Pyridine
Concen: 21.149 ng/uL
RT: 3.428 min Scan# 92
Delta R.T. -0.000 min
Lab File: BM047027.D
Acq: 06 Aug 2024 17:50

Tgt Ion: 79 Resp: 325608
Ion Ratio Lower Upper
79 100
52 65.5 58.1 87.1
51 32.3 29.3 43.9

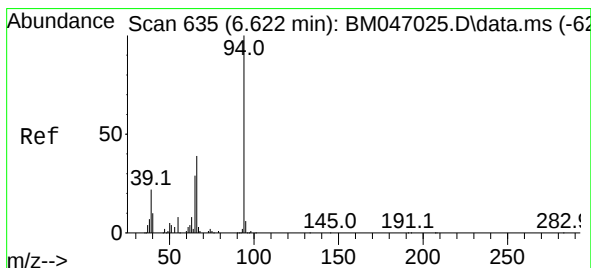
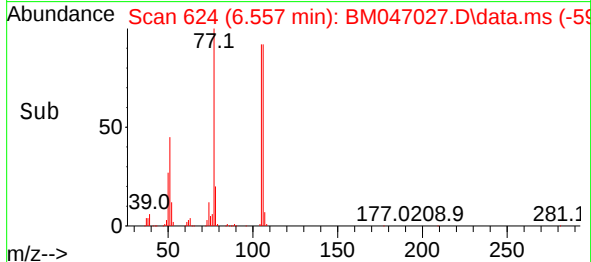
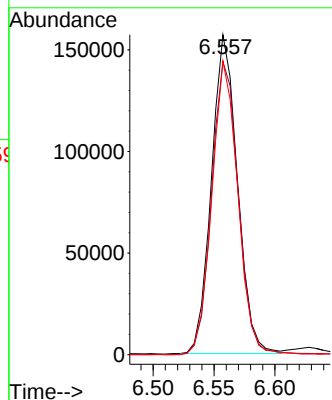
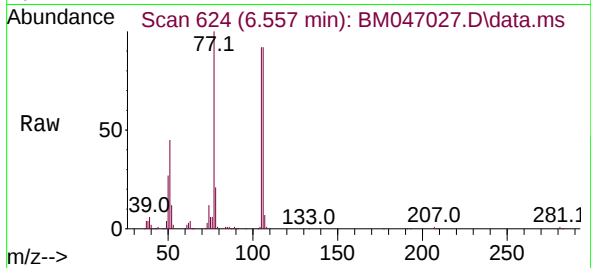




#6
Benzaldehyde
Concen: 23.631 ng/ul
RT: 6.557 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM047027.D
Acq: 06 Aug 2024 17:50

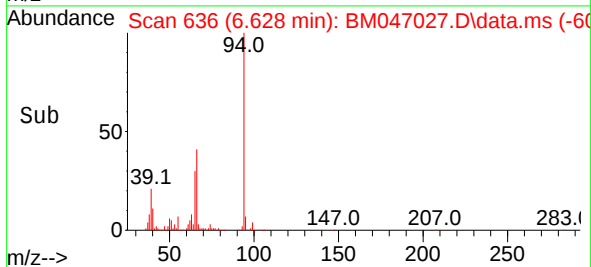
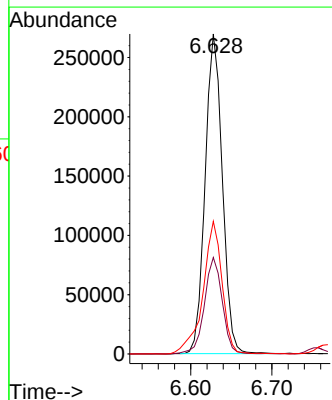
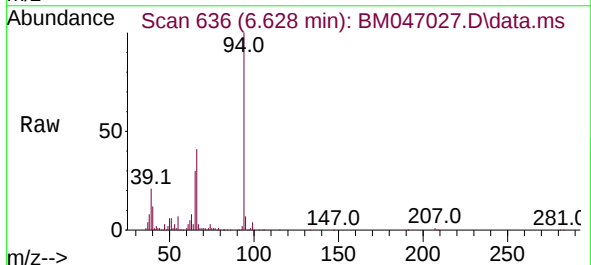
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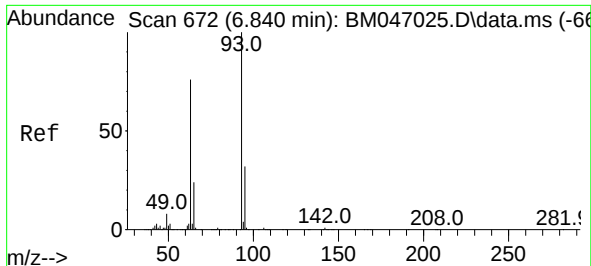
Tgt Ion: 77 Resp: 232887
Ion Ratio Lower Upper
77 100
105 91.6 74.7 112.1
106 91.8 74.2 111.2



#8
Phenol
Concen: 22.932 ng/ul
RT: 6.628 min Scan# 636
Delta R.T. -0.000 min
Lab File: BM047027.D
Acq: 06 Aug 2024 17:50

Tgt Ion: 94 Resp: 396247
Ion Ratio Lower Upper
94 100
65 30.1 25.1 37.7
66 41.4 37.7 56.5

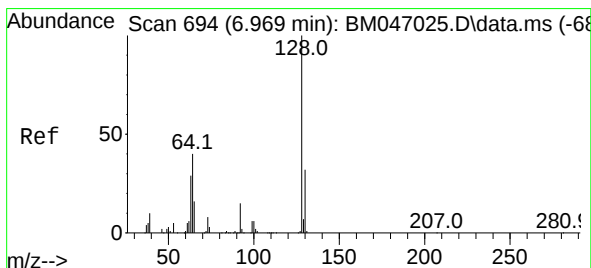
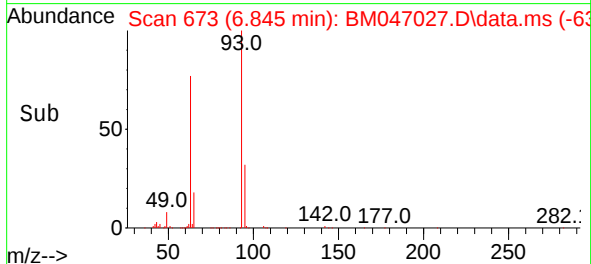
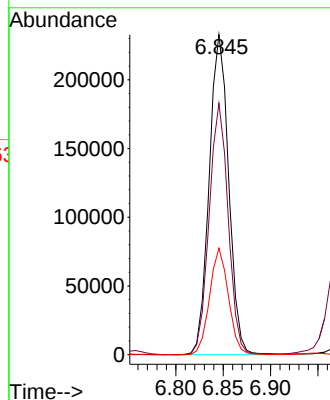
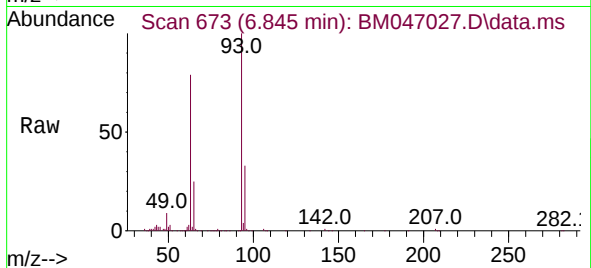




#10
Bis(2-Chloroethyl)ether
Concen: 22.659 ng/ul
RT: 6.845 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM047027.D
Acq: 06 Aug 2024 17:50

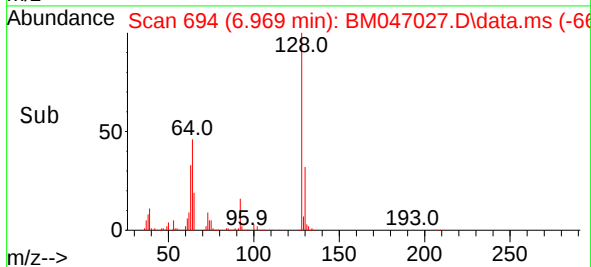
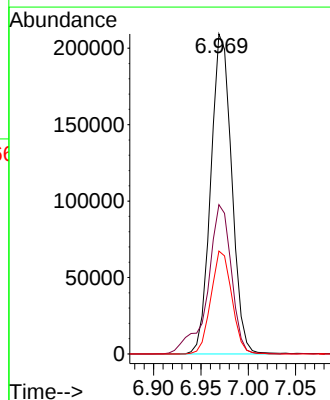
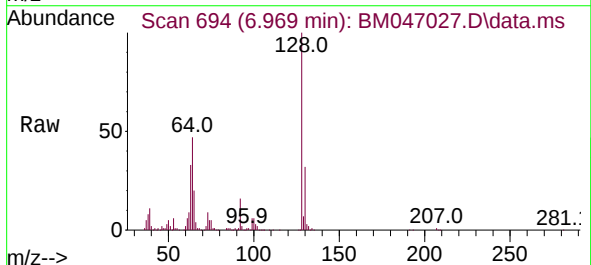
Instrument :
BNA_M
ClientSampleId :

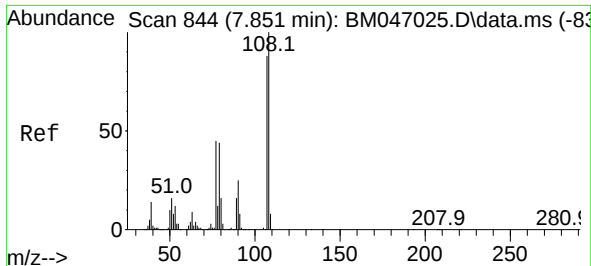
Tgt Ion: 93 Resp: 333728
Ion Ratio Lower Upper
93 100
63 78.5 59.0 88.6
95 33.3 24.0 36.0



#12
2-Chlorophenol
Concen: 21.823 ng/ul
RT: 6.969 min Scan# 694
Delta R.T. -0.000 min
Lab File: BM047027.D
Acq: 06 Aug 2024 17:50

Tgt Ion:128 Resp: 321337
Ion Ratio Lower Upper
128 100
64 46.6 37.0 55.4
130 32.1 24.1 36.1





#13

2-Methylphenol

Concen: 22.451 ng/ul

RT: 7.851 min Scan# 844

Delta R.T. -0.000 min

Lab File: BM047027.D

Acq: 06 Aug 2024 17:50

Instrument :

BNA_M

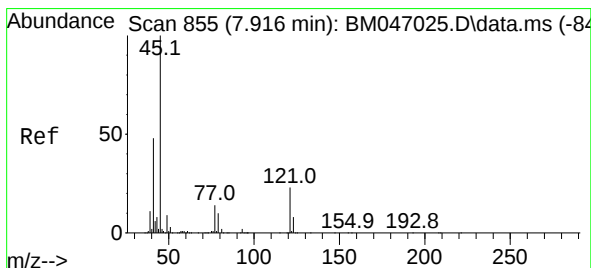
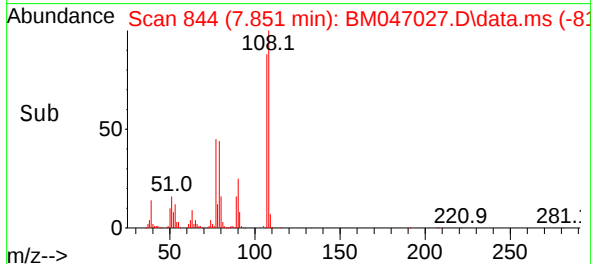
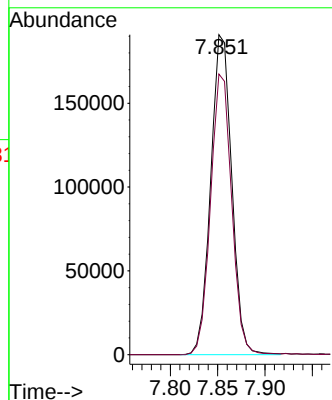
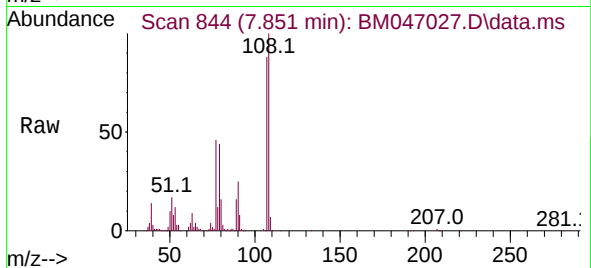
ClientSampleId :

Tgt Ion:108 Resp: 295515

Ion Ratio Lower Upper

108 100

107 87.7 67.4 101.0



#14

2,2'-oxybis(1-Chloropropane)

Concen: 24.360 ng/ul

RT: 7.922 min Scan# 856

Delta R.T. -0.000 min

Lab File: BM047027.D

Acq: 06 Aug 2024 17:50

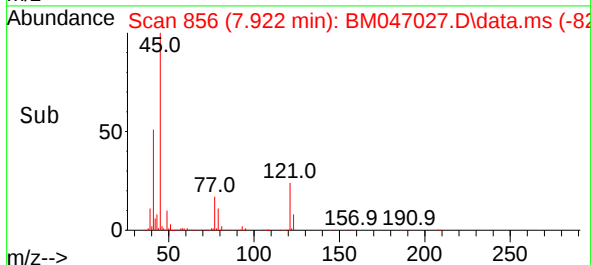
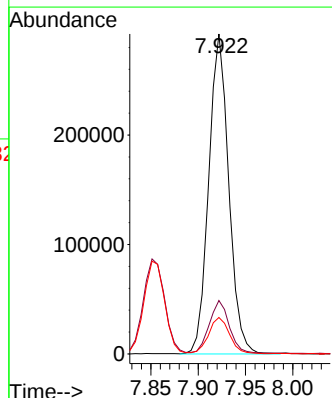
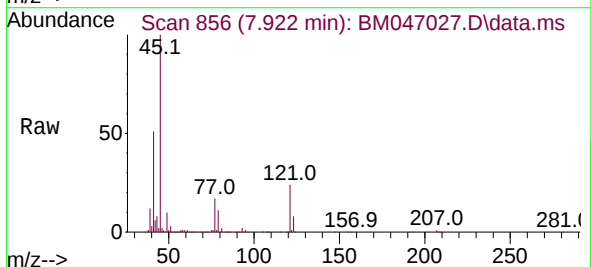
Tgt Ion: 45 Resp: 429931

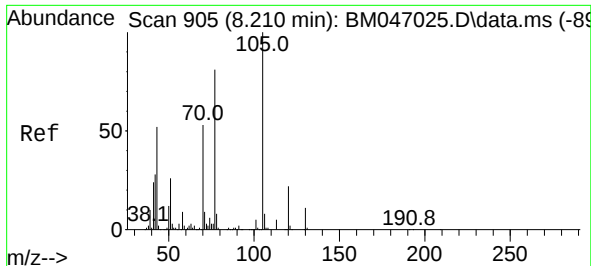
Ion Ratio Lower Upper

45 100

77 16.7 13.2 19.8

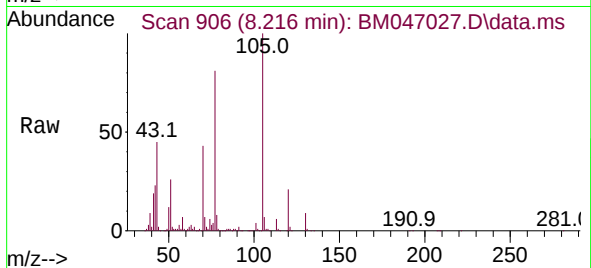
79 11.4 9.8 14.6



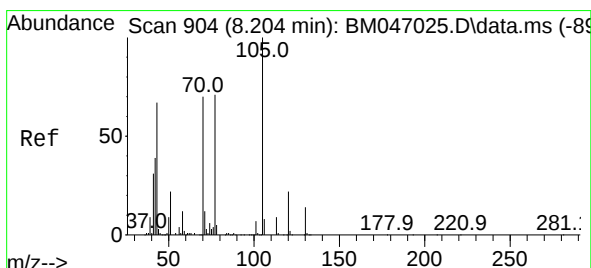
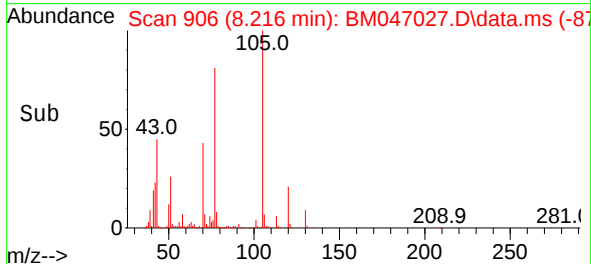
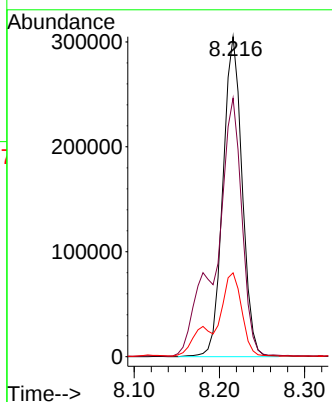


#16
Acetophenone
Concen: 22.343 ng/ul
RT: 8.216 min Scan# 906
Delta R.T. -0.000 min
Lab File: BM047027.D
Acq: 06 Aug 2024 17:50

Instrument :
BNA_M
ClientSampleId :

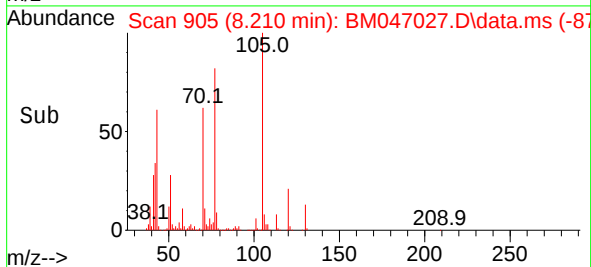
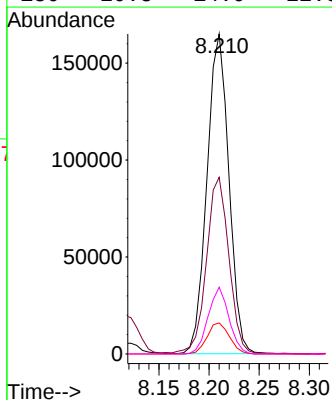
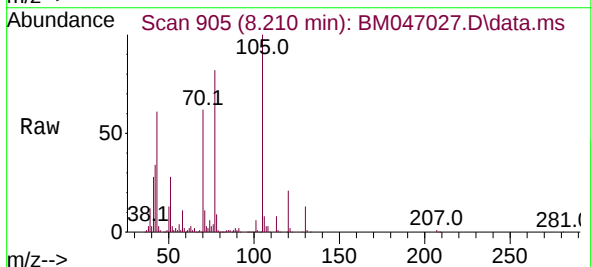


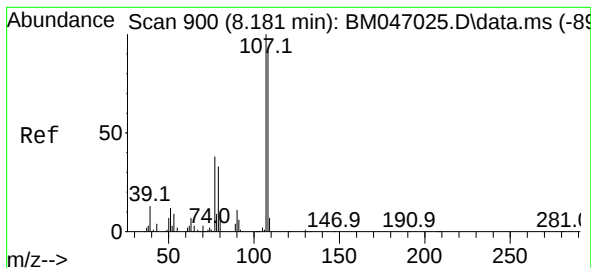
Tgt Ion:105 Resp: 478000
Ion Ratio Lower Upper
105 100
77 80.8 66.1 99.1
51 26.2 23.0 34.4



#17
N-Nitroso-di-n-propylamine
Concen: 22.264 ng/ul
RT: 8.210 min Scan# 905
Delta R.T. 0.006 min
Lab File: BM047027.D
Acq: 06 Aug 2024 17:50

Tgt Ion: 70 Resp: 251171
Ion Ratio Lower Upper
70 100
42 55.2 45.8 68.8
101 9.7 6.9 10.3
130 20.8 14.9 22.3

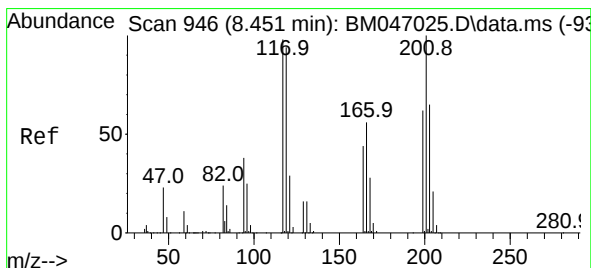
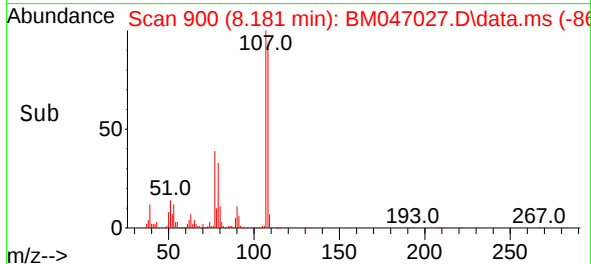
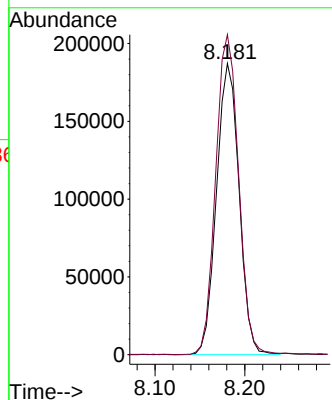
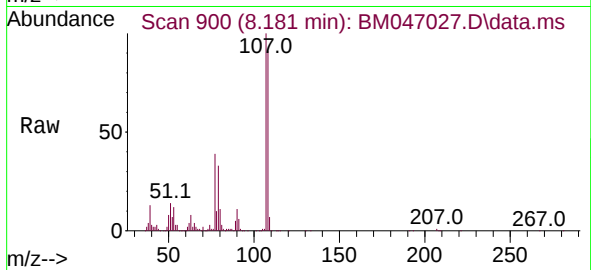




#18
4-Methylphenol
Concen: 23.003 ng/ul
RT: 8.181 min Scan# 900
Delta R.T. -0.000 min
Lab File: BM047027.D
Acq: 06 Aug 2024 17:50

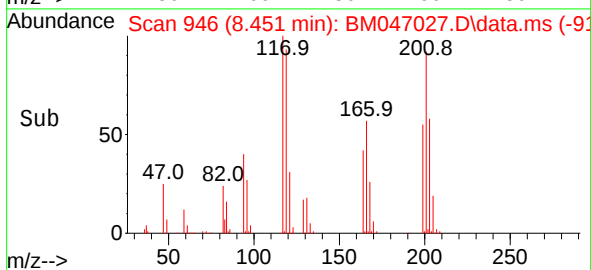
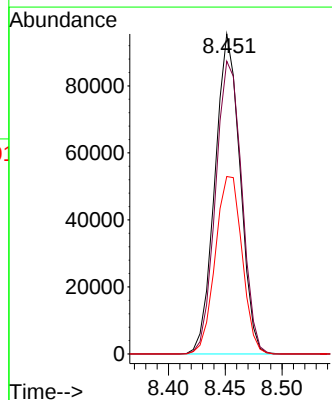
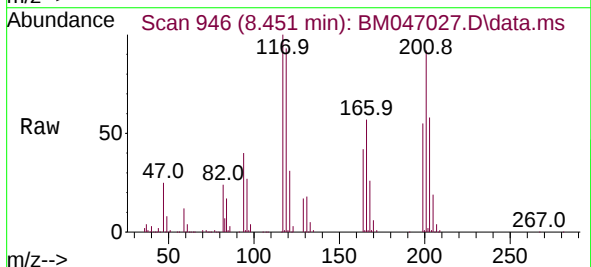
Instrument :
BNA_M
ClientSampleId :

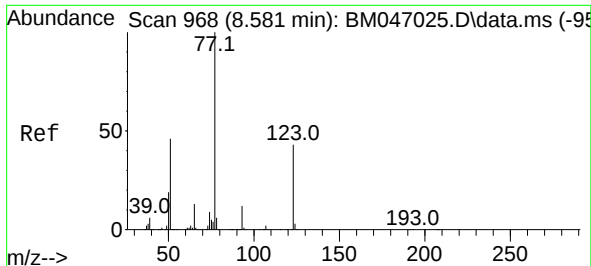
Tgt Ion:108 Resp: 327149
Ion Ratio Lower Upper
108 100
107 109.9 86.4 129.6



#19
Hexachloroethane
Concen: 20.513 ng/ul
RT: 8.451 min Scan# 946
Delta R.T. -0.000 min
Lab File: BM047027.D
Acq: 06 Aug 2024 17:50

Tgt Ion:117 Resp: 147130
Ion Ratio Lower Upper
117 100
201 91.5 72.7 109.1
199 55.5 46.9 70.3





#22

Nitrobenzene

Concen: 19.981 ng/ul

RT: 8.586 min Scan# 969

Delta R.T. 0.006 min

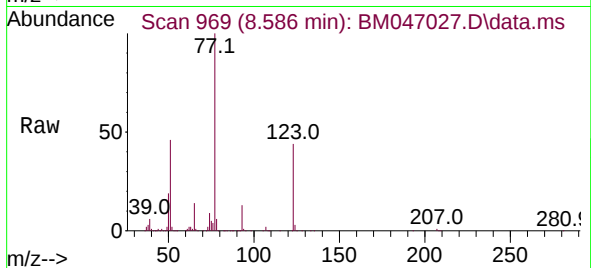
Lab File: BM047027.D

Acq: 06 Aug 2024 17:50

Instrument :

BNA_M

ClientSampleId :



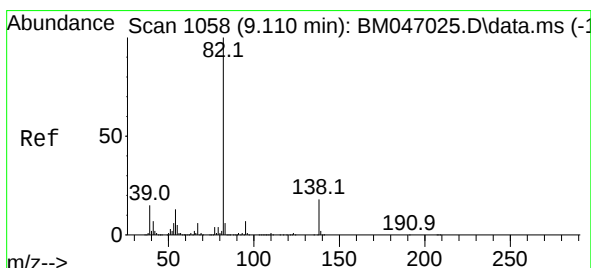
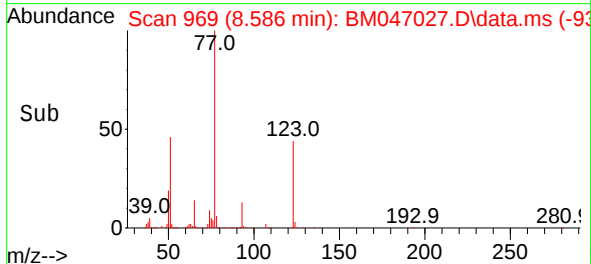
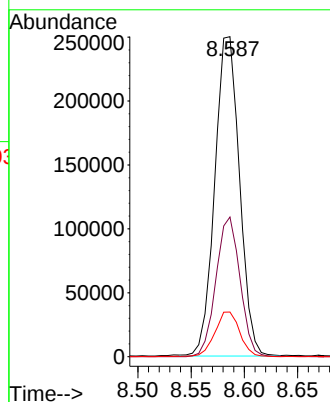
Tgt Ion: 77 Resp: 404050

Ion Ratio Lower Upper

77 100

123 43.6 31.4 47.2

65 14.0 12.1 18.1



#23

Isophorone

Concen: 20.843 ng/ul

RT: 9.110 min Scan# 1058

Delta R.T. -0.000 min

Lab File: BM047027.D

Acq: 06 Aug 2024 17:50

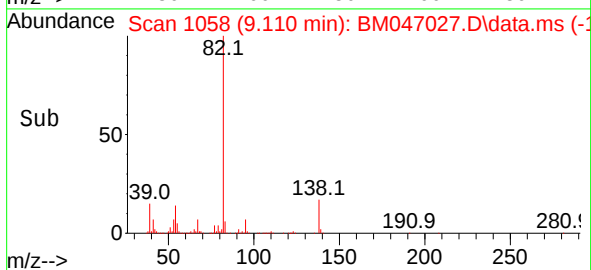
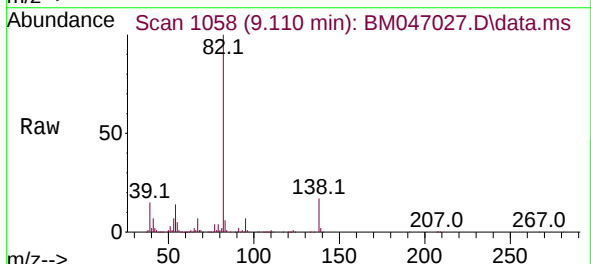
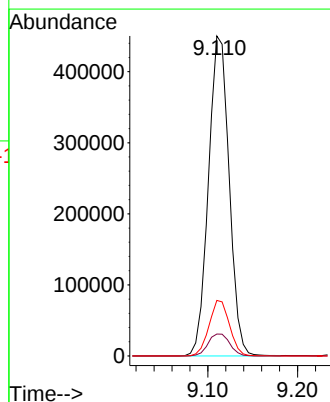
Tgt Ion: 82 Resp: 721192

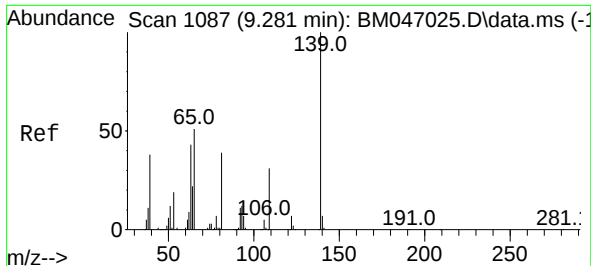
Ion Ratio Lower Upper

82 100

95 6.8 6.4 9.6

138 17.4 13.6 20.4

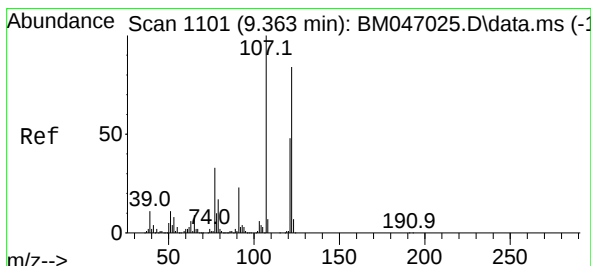
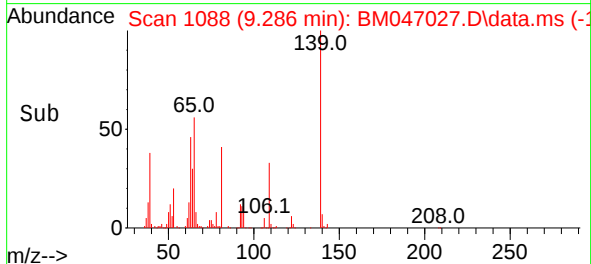
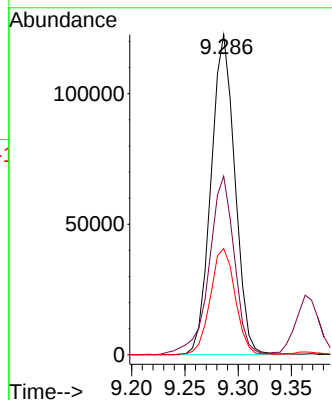
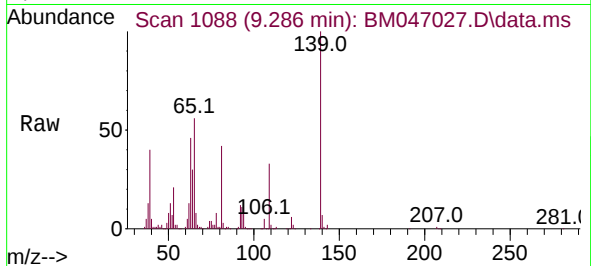




#25
2-Nitrophenol
Concen: 21.119 ng/ul
RT: 9.286 min Scan# 1108
Delta R.T. -0.000 min
Lab File: BM047027.D
Acq: 06 Aug 2024 17:50

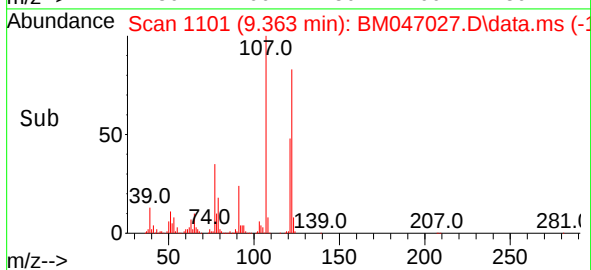
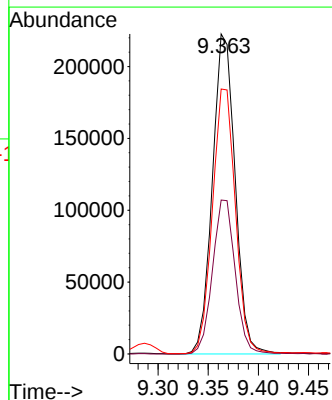
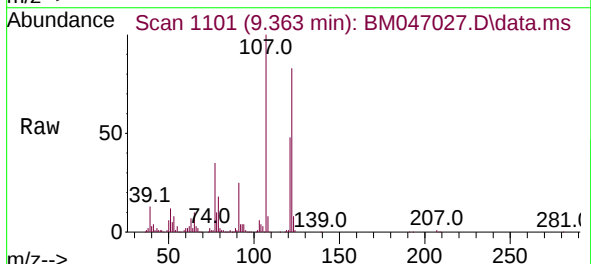
Instrument :
BNA_M
ClientSampleId :

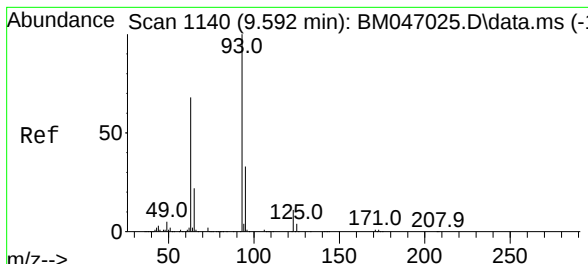
Tgt Ion:139 Resp: 190961
Ion Ratio Lower Upper
139 100
65 55.8 45.1 67.7
109 33.1 30.9 46.3



#26
2,4-Dimethylphenol
Concen: 19.727 ng/ul
RT: 9.363 min Scan# 1101
Delta R.T. -0.000 min
Lab File: BM047027.D
Acq: 06 Aug 2024 17:50

Tgt Ion:107 Resp: 351593
Ion Ratio Lower Upper
107 100
121 48.1 37.3 55.9
122 82.8 65.8 98.6



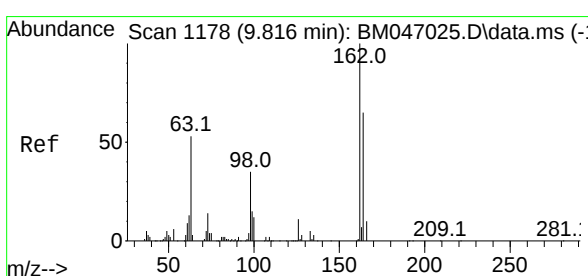
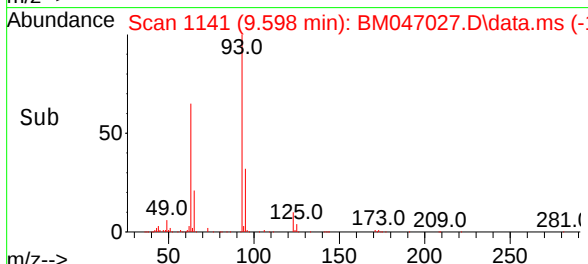
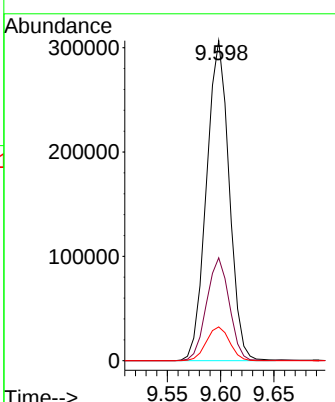
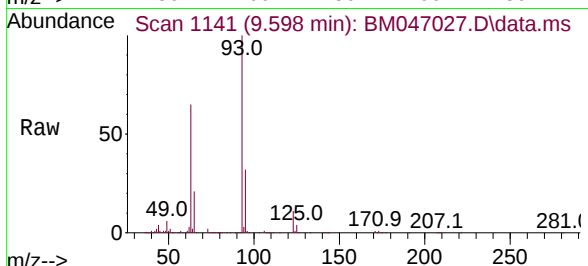


#27
 Bis(2-Chloroethoxy)methane
 Concen: 21.291 ng/ul
 RT: 9.598 min Scan# 1141
 Delta R.T. 0.006 min
 Lab File: BM047027.D
 Acq: 06 Aug 2024 17:50

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion: 93 Resp: 454139

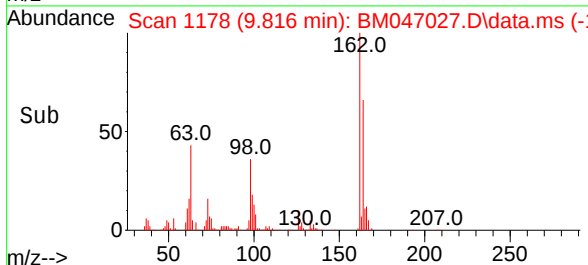
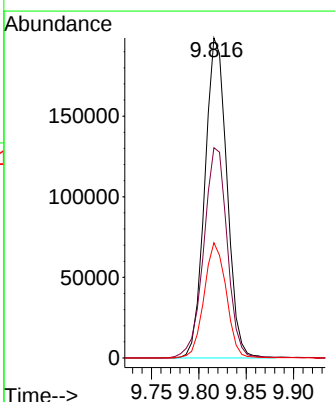
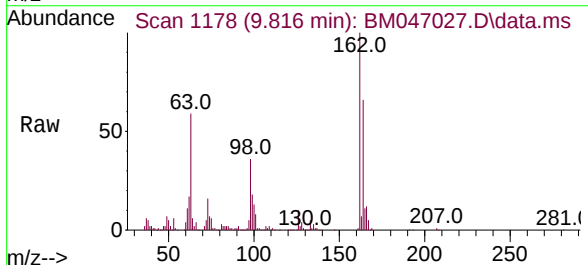
Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.1	39.1
123	10.6	9.1	13.7

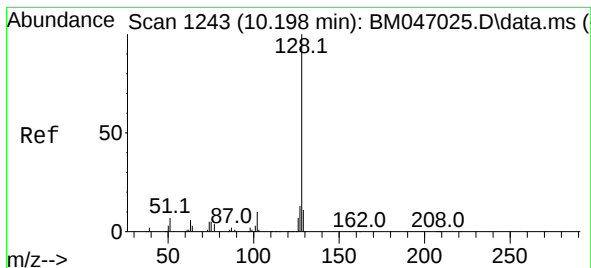


#29
 2,4-Dichlorophenol
 Concen: 20.369 ng/ul
 RT: 9.816 min Scan# 1178
 Delta R.T. -0.000 min
 Lab File: BM047027.D
 Acq: 06 Aug 2024 17:50

Tgt Ion: 162 Resp: 322398

Ion	Ratio	Lower	Upper
162	100		
164	65.7	53.3	79.9
98	36.0	29.6	44.4





#30

Naphthalene

Concen: 20.103 ng/ul

RT: 10.204 min Scan# 1244

Delta R.T. -0.000 min

Lab File: BM047027.D

Acq: 06 Aug 2024 17:50

Instrument :

BNA_M

ClientSampleId :

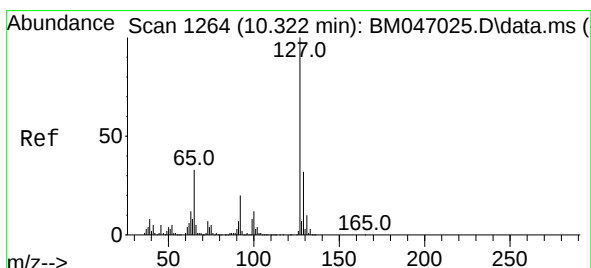
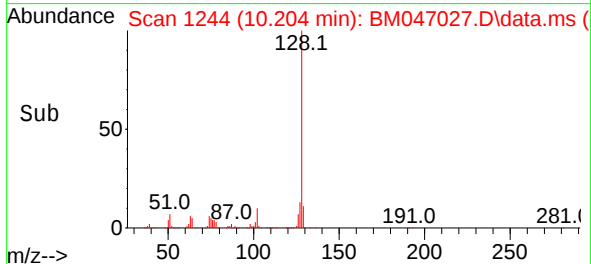
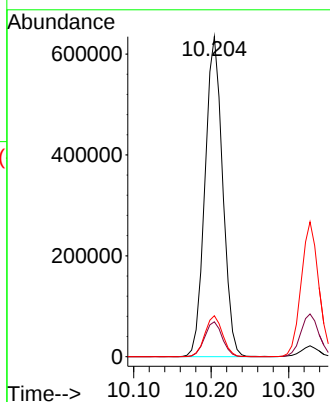
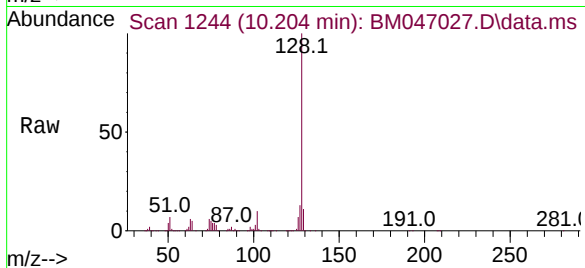
Tgt Ion:128 Resp: 1003953

Ion Ratio Lower Upper

128 100

129 10.9 8.6 13.0

127 12.8 10.4 15.6



#32

4-Chloroaniline

Concen: 20.831 ng/ul

RT: 10.328 min Scan# 1265

Delta R.T. -0.000 min

Lab File: BM047027.D

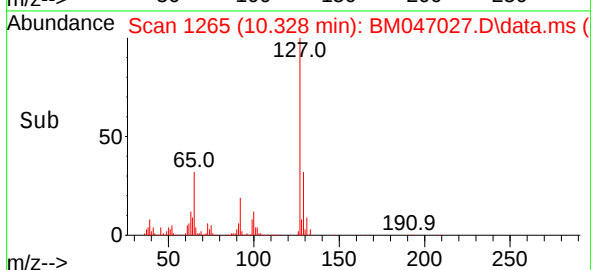
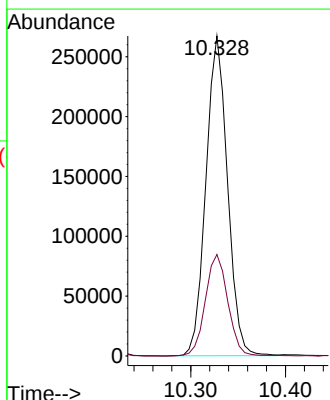
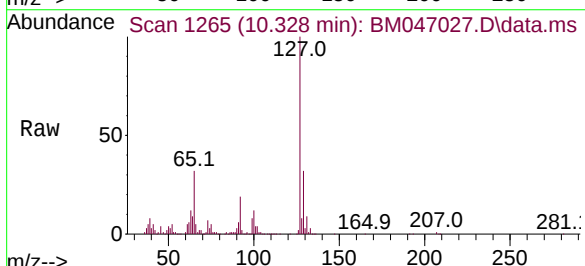
Acq: 06 Aug 2024 17:50

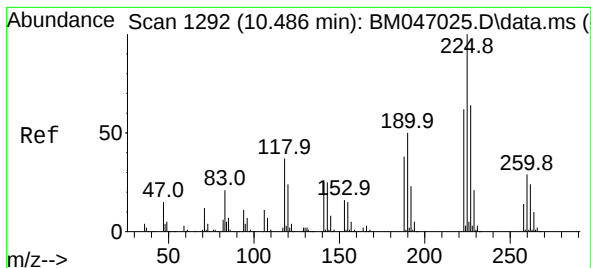
Tgt Ion:127 Resp: 421915

Ion Ratio Lower Upper

127 100

129 31.7 25.6 38.4





#33

Hexachlorobutadiene

Concen: 18.355 ng/ul

RT: 10.492 min Scan# 1293

Delta R.T. -0.000 min

Lab File: BM047027.D

Acq: 06 Aug 2024 17:50

Instrument :

BNA_M

ClientSampleId :

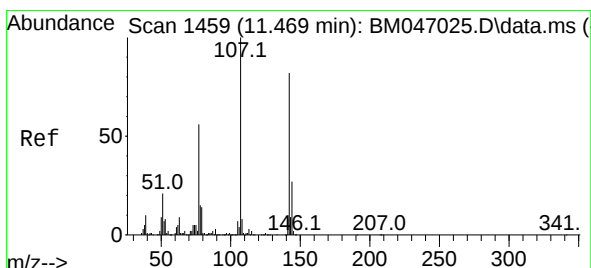
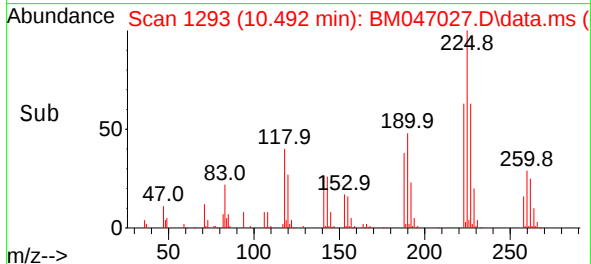
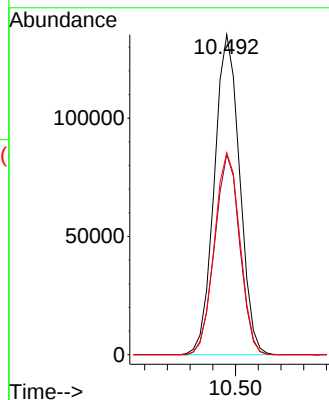
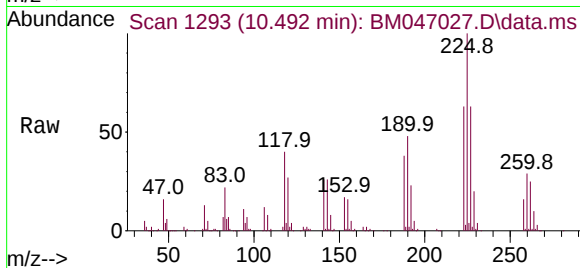
Tgt Ion:225 Resp: 209590

Ion Ratio Lower Upper

225 100

223 62.6 51.0 76.6

227 63.1 52.3 78.5



#35

4-Chloro-3-methylphenol

Concen: 20.825 ng/ul

RT: 11.469 min Scan# 1459

Delta R.T. -0.000 min

Lab File: BM047027.D

Acq: 06 Aug 2024 17:50

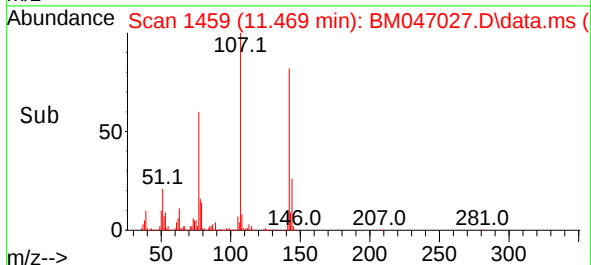
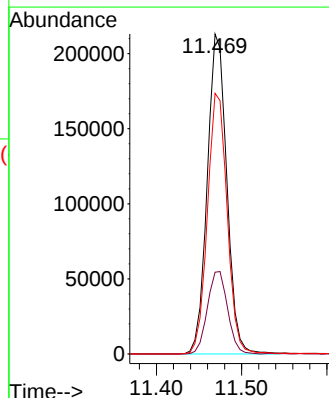
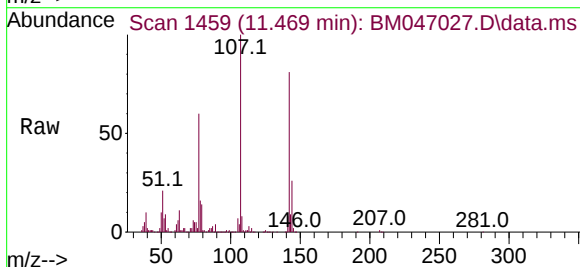
Tgt Ion:107 Resp: 339877

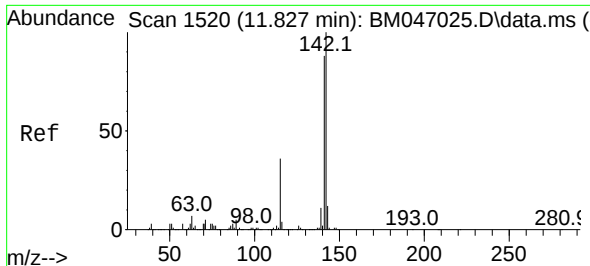
Ion Ratio Lower Upper

107 100

144 25.5 21.1 31.7

142 81.4 65.3 97.9





#36

2-Methylnaphthalene

Concen: 20.677 ng/ul

RT: 11.827 min Scan# 1520

Delta R.T. -0.000 min

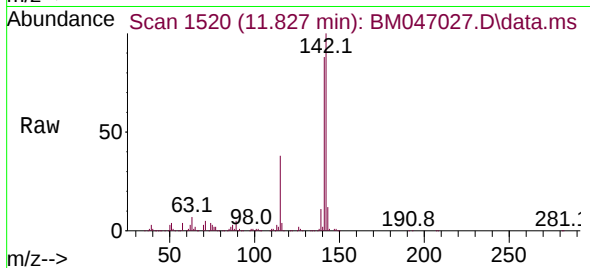
Lab File: BM047027.D

Acq: 06 Aug 2024 17:50

Instrument :

BNA_M

ClientSampleId :

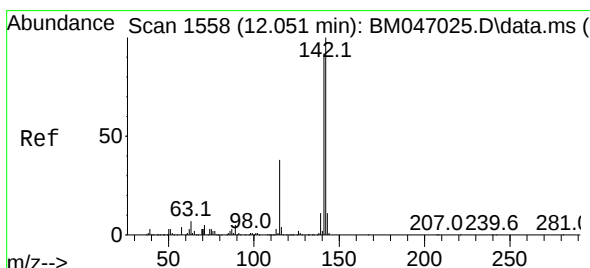
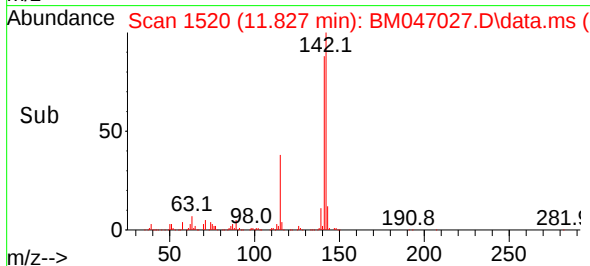
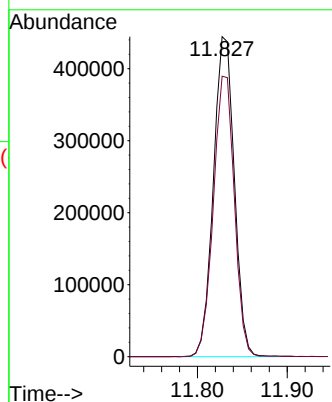


Tgt Ion:142 Resp: 721031

Ion Ratio Lower Upper

142 100

141 87.7 69.9 104.9



#37

1-Methylnaphthalene

Concen: 20.556 ng/ul

RT: 12.057 min Scan# 1559

Delta R.T. 0.006 min

Lab File: BM047027.D

Acq: 06 Aug 2024 17:50

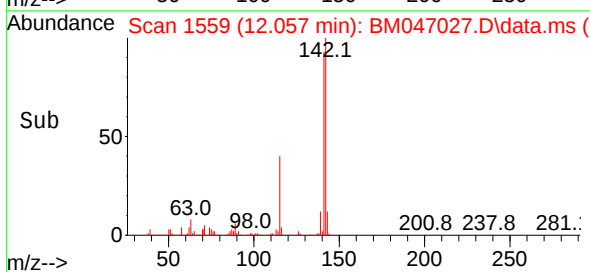
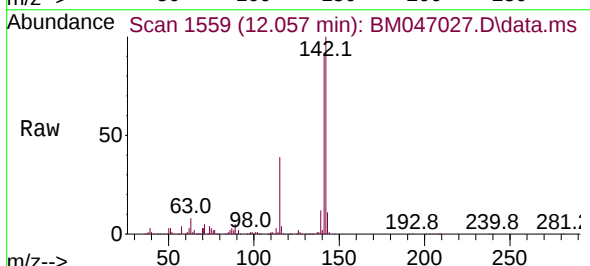
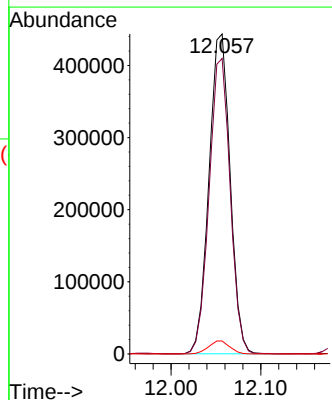
Tgt Ion:142 Resp: 725648

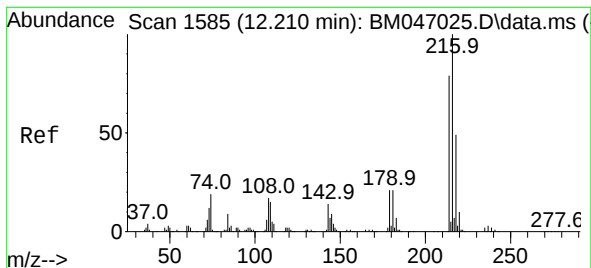
Ion Ratio Lower Upper

142 100

141 92.4 72.0 108.0

116 4.0 3.6 5.4

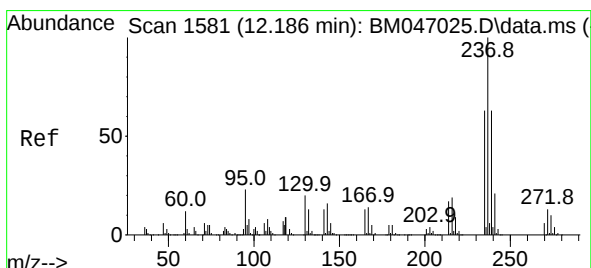
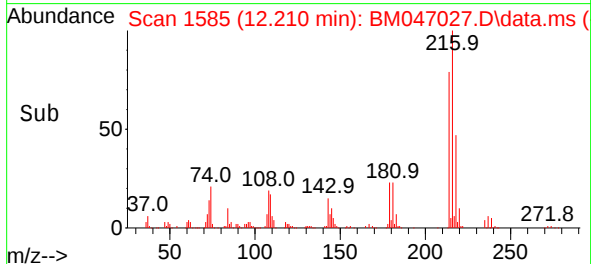
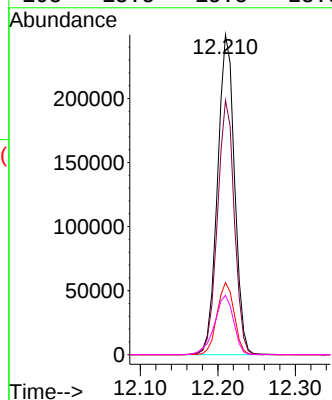
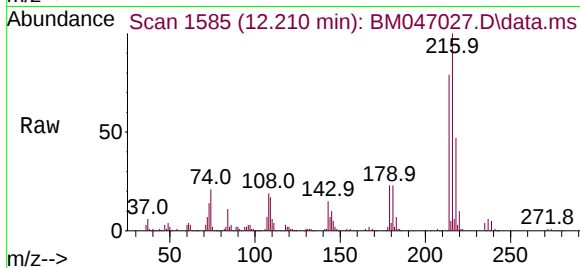




#39
1,2,4,5-Tetrachlorobenzene
Concen: 19.347 ng/ul
RT: 12.210 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BM047027.D
Acq: 06 Aug 2024 17:50

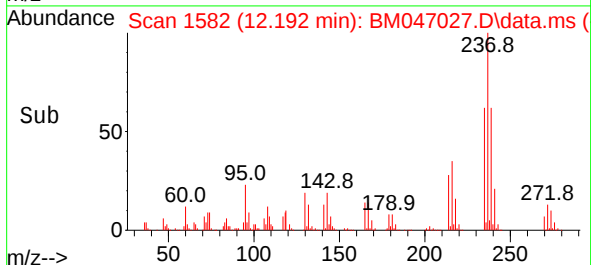
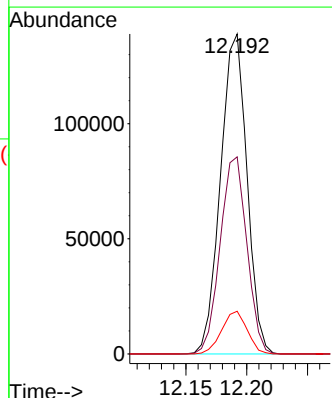
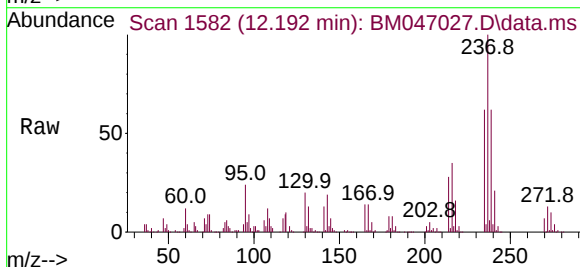
Instrument :
BNA_M
ClientSampleId :

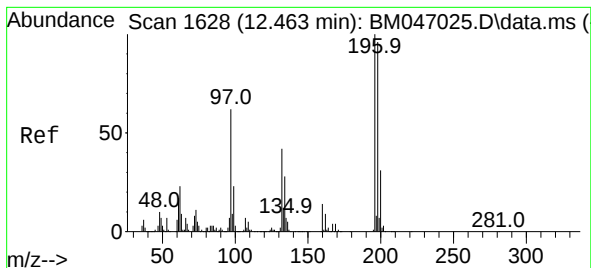
Tgt Ion:	216	Resp:	381194
Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.7	95.5
179	22.5	17.3	25.9
108	18.5	15.5	23.3



#40
Hexachlorocyclopentadiene
Concen: 16.197 ng/ul
RT: 12.192 min Scan# 1582
Delta R.T. 0.006 min
Lab File: BM047027.D
Acq: 06 Aug 2024 17:50

Tgt Ion:	237	Resp:	210226
Ion	Ratio	Lower	Upper
237	100		
235	61.6	48.4	72.6
272	13.3	8.8	13.2#





#41

2,4,6-Trichlorophenol

Concen: 20.621 ng/ul

RT: 12.469 min Scan# 1

Delta R.T. 0.006 min

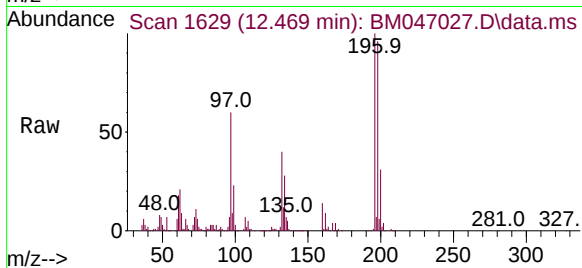
Lab File: BM047027.D

Acq: 06 Aug 2024 17:50

Instrument :

BNA_M

ClientSampleId :



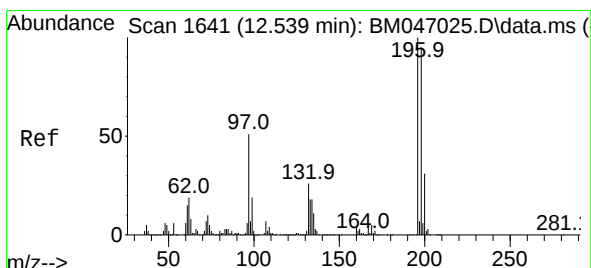
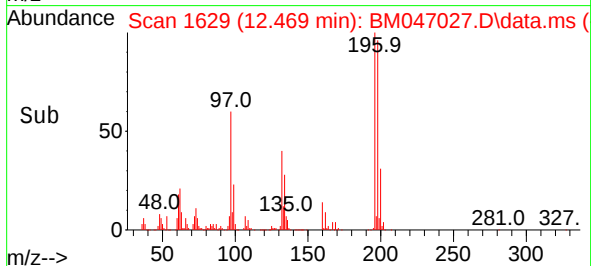
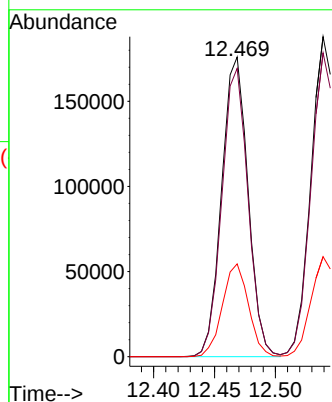
Tgt Ion:196 Resp: 265945

Ion Ratio Lower Upper

196 100

198 96.3 78.7 118.1

200 31.0 23.9 35.9



#42

2,4,5-Trichlorophenol

Concen: 20.405 ng/ul

RT: 12.539 min Scan# 1641

Delta R.T. -0.000 min

Lab File: BM047027.D

Acq: 06 Aug 2024 17:50

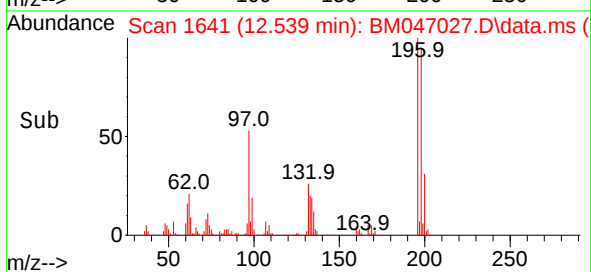
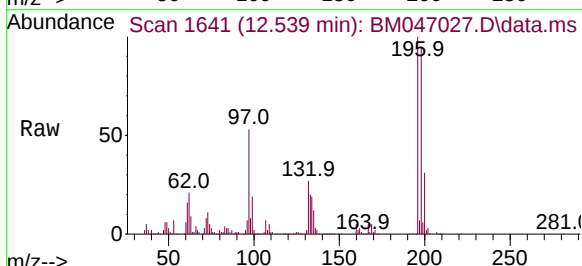
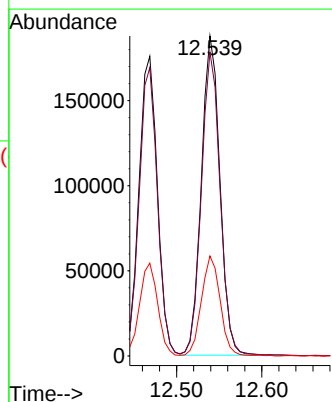
Tgt Ion:196 Resp: 284133

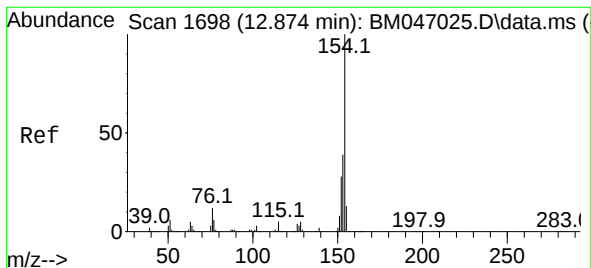
Ion Ratio Lower Upper

196 100

198 94.9 76.2 114.2

200 31.2 25.0 37.6





#43

1,1'-Biphenyl

Concen: 20.052 ng/ul

RT: 12.874 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM047027.D

Acq: 06 Aug 2024 17:50

Instrument :

BNA_M

ClientSampleId :

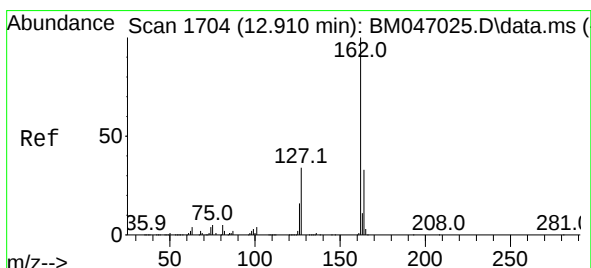
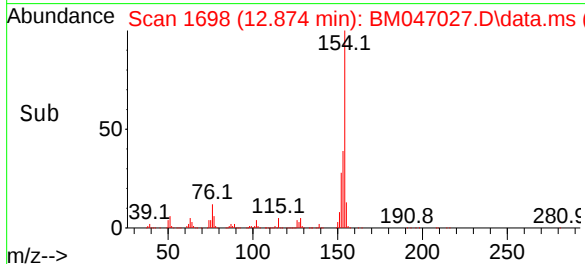
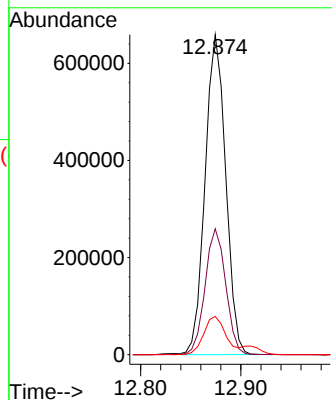
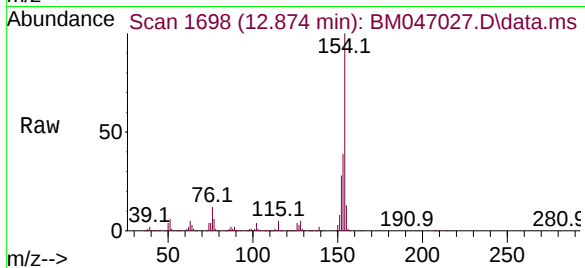
Tgt Ion:154 Resp: 942479

Ion Ratio Lower Upper

154 100

153 39.4 30.7 46.1

76 12.0 9.3 13.9



#44

2-Chloronaphthalene

Concen: 20.304 ng/ul

RT: 12.910 min Scan# 1704

Delta R.T. -0.000 min

Lab File: BM047027.D

Acq: 06 Aug 2024 17:50

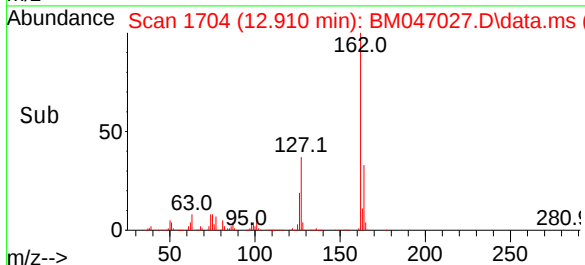
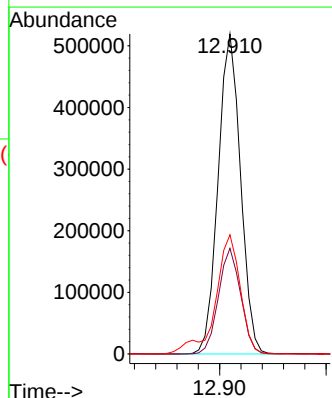
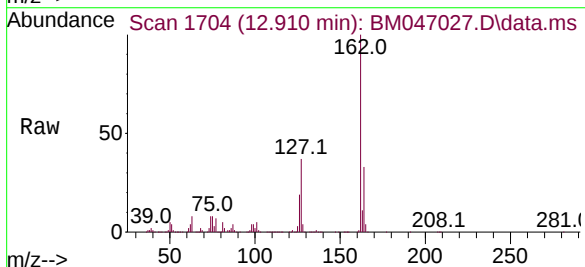
Tgt Ion:162 Resp: 757863

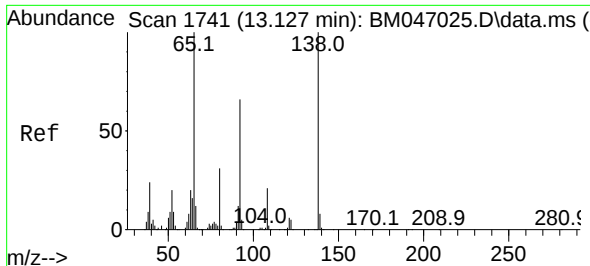
Ion Ratio Lower Upper

162 100

164 33.0 26.5 39.7

127 37.3 30.6 45.8

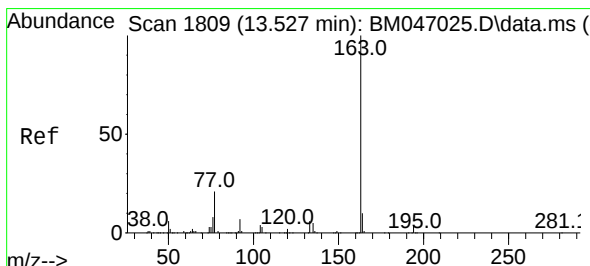
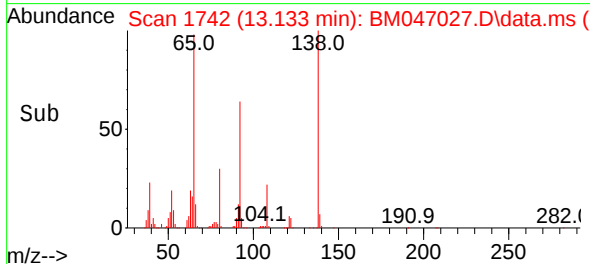
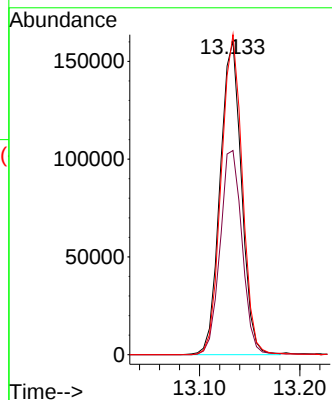
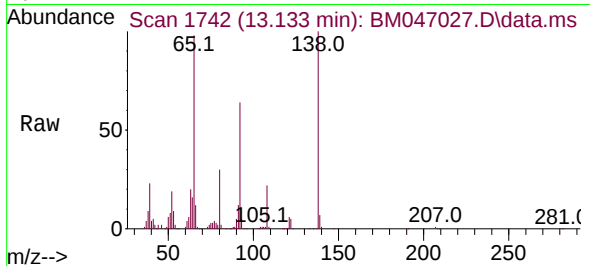




#45
2-Nitroaniline
Concen: 20.915 ng/ul
RT: 13.133 min Scan# 1742
Delta R.T. -0.000 min
Lab File: BM047027.D
Acq: 06 Aug 2024 17:50

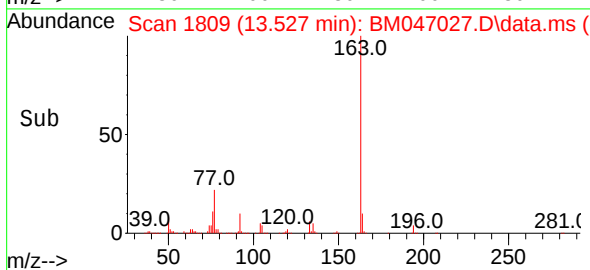
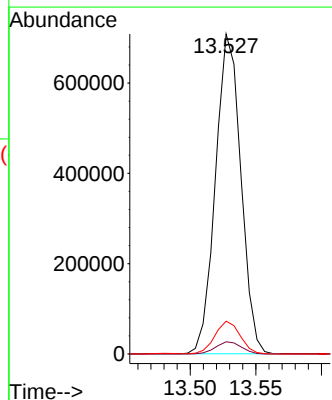
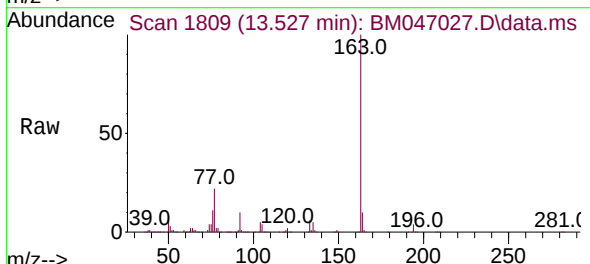
Instrument :
BNA_M
ClientSampleId :

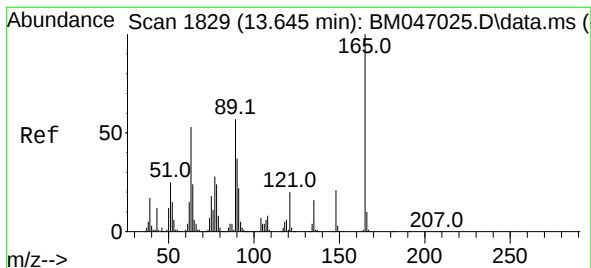
Tgt Ion: 65 Resp: 237233
Ion Ratio Lower Upper
65 100
92 65.1 54.0 81.0
138 102.0 81.0 121.4



#47
Dimethylphthalate
Concen: 19.789 ng/ul
RT: 13.527 min Scan# 1809
Delta R.T. -0.000 min
Lab File: BM047027.D
Acq: 06 Aug 2024 17:50

Tgt Ion:163 Resp: 953900
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.3 8.1 12.1





#48

2,6-Dinitrotoluene

Concen: 20.441 ng/ul

RT: 13.645 min Scan# 1829

Delta R.T. -0.000 min

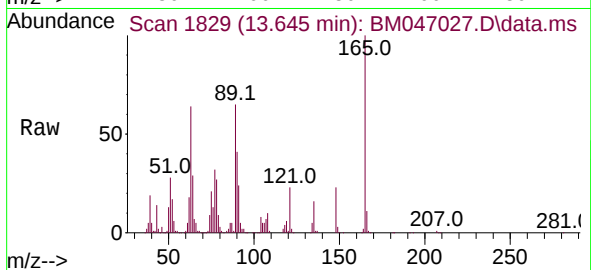
Lab File: BM047027.D

Acq: 06 Aug 2024 17:50

Instrument :

BNA_M

ClientSampleId :



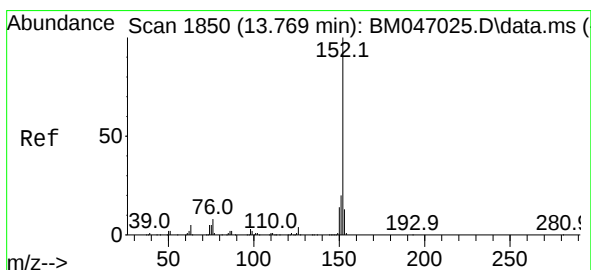
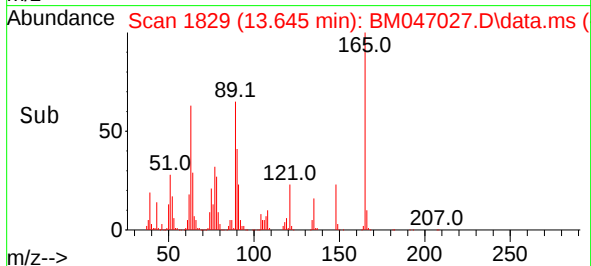
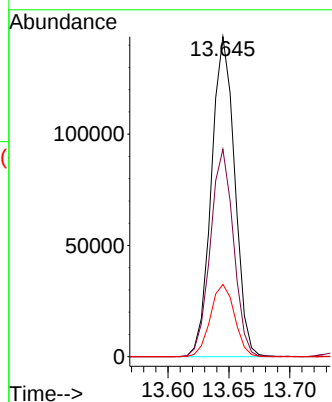
Tgt Ion:165 Resp: 191545

Ion Ratio Lower Upper

165 100

89 64.8 57.8 86.8

121 22.6 19.4 29.0



#50

Acenaphthylene

Concen: 19.987 ng/ul

RT: 13.769 min Scan# 1850

Delta R.T. -0.000 min

Lab File: BM047027.D

Acq: 06 Aug 2024 17:50

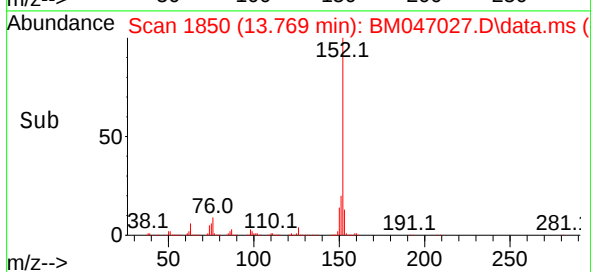
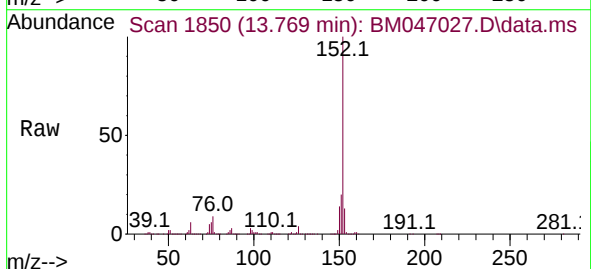
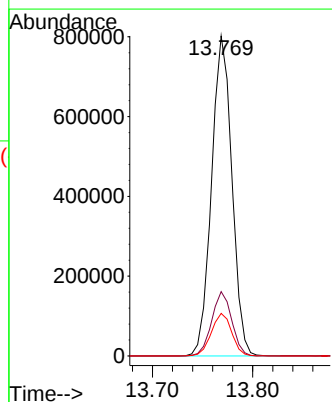
Tgt Ion:152 Resp: 1131846

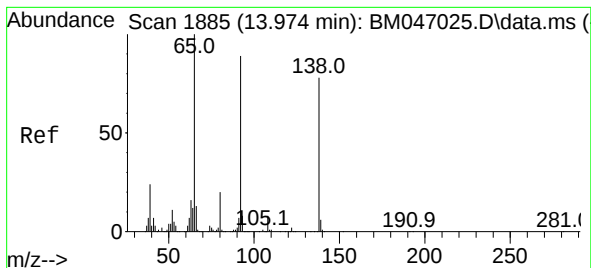
Ion Ratio Lower Upper

152 100

151 20.1 15.7 23.5

153 13.3 10.1 15.1

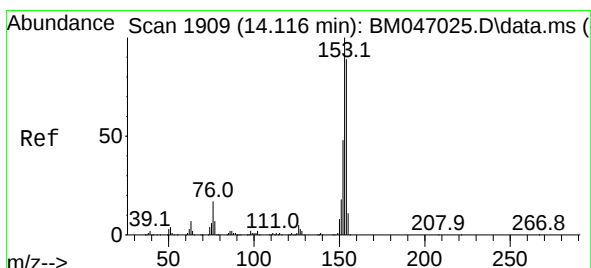
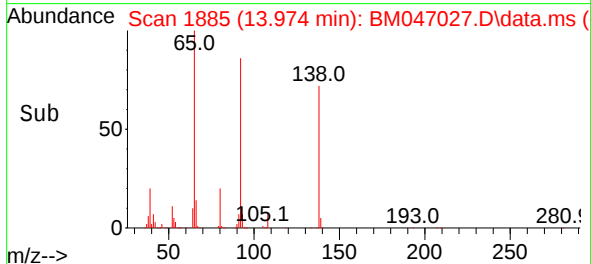
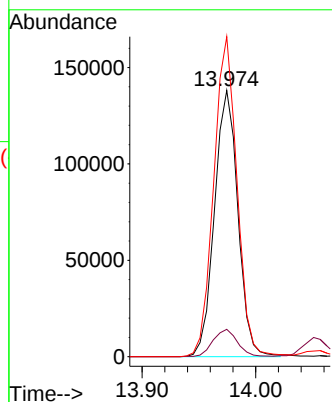
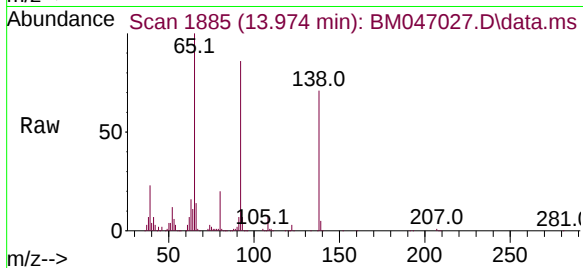




#51
3-Nitroaniline
Concen: 20.756 ng/ul
RT: 13.974 min Scan# 1885
Delta R.T. -0.000 min
Lab File: BM047027.D
Acq: 06 Aug 2024 17:50

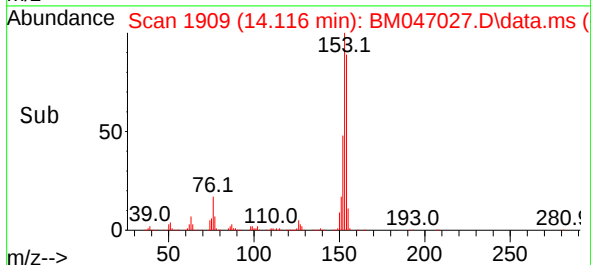
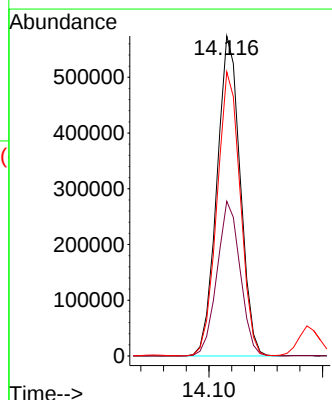
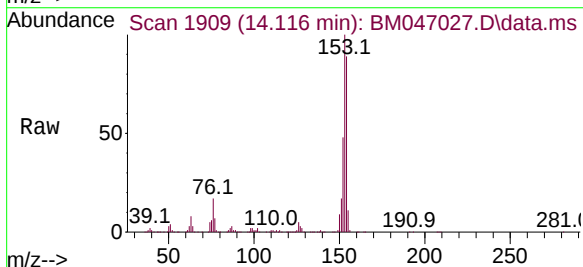
Instrument :
BNA_M
ClientSampleId :

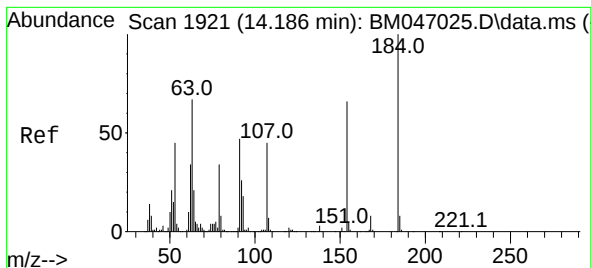
Tgt Ion:138 Resp: 198077
Ion Ratio Lower Upper
138 100
108 10.3 9.4 14.2
92 120.2 96.6 144.8



#52
Acenaphthene
Concen: 20.062 ng/ul
RT: 14.116 min Scan# 1909
Delta R.T. -0.000 min
Lab File: BM047027.D
Acq: 06 Aug 2024 17:50

Tgt Ion:153 Resp: 819063
Ion Ratio Lower Upper
153 100
152 48.3 38.2 57.2
154 88.8 70.1 105.1

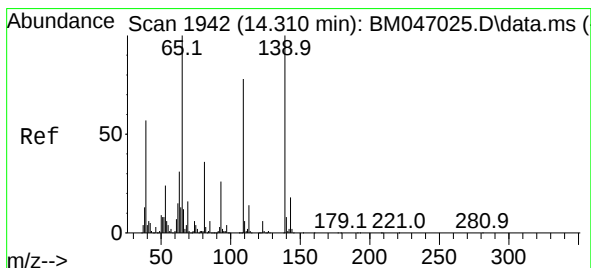
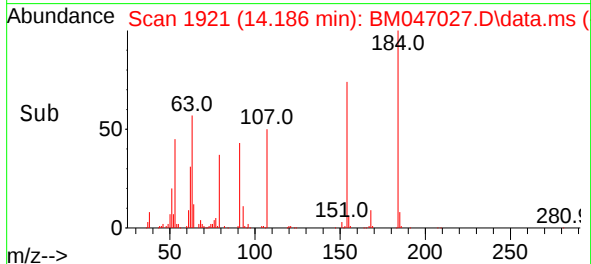
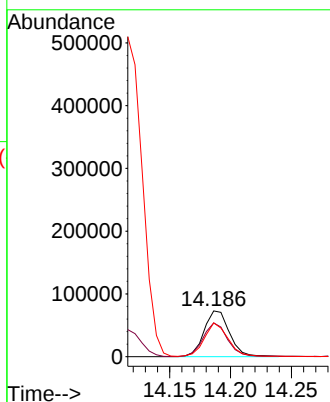
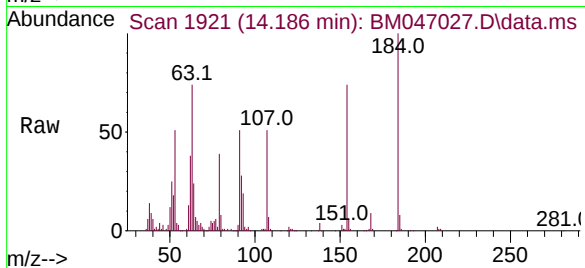




#53
2,4-Dinitrophenol
Concen: 16.117 ng/ul
RT: 14.186 min Scan# 1921
Delta R.T. -0.000 min
Lab File: BM047027.D
Acq: 06 Aug 2024 17:50

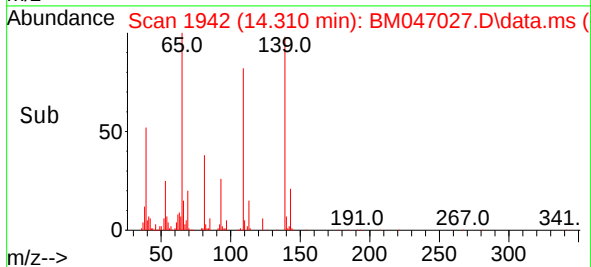
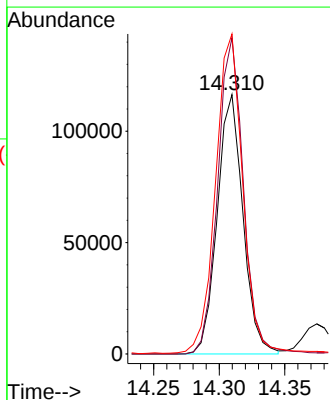
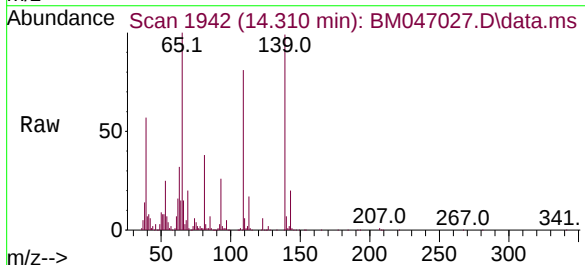
Instrument :
BNA_M
ClientSampleId :

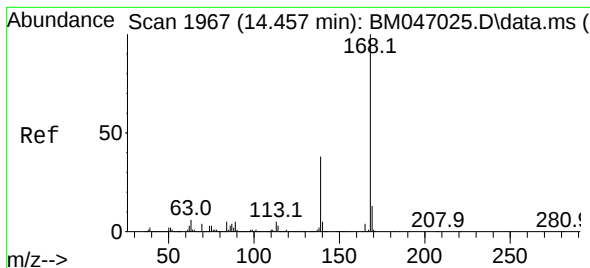
Tgt Ion:184 Resp: 106560
Ion Ratio Lower Upper
184 100
63 73.8 61.9 92.9
154 73.8 55.6 83.4



#55
4-Nitrophenol
Concen: 16.889 ng/ul
RT: 14.310 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BM047027.D
Acq: 06 Aug 2024 17:50

Tgt Ion:109 Resp: 158764
Ion Ratio Lower Upper
109 100
139 121.9 82.3 123.5
65 123.4 92.6 139.0





#56

Dibenzenofuran

Concen: 19.839 ng/ul

RT: 14.457 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM047027.D

Acq: 06 Aug 2024 17:50

Instrument :

BNA_M

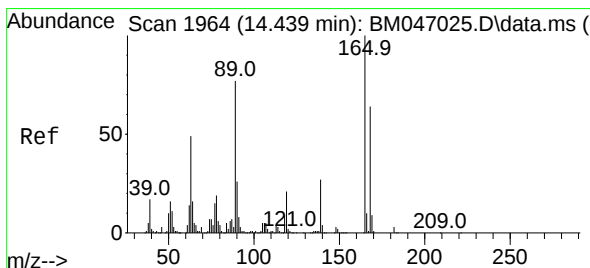
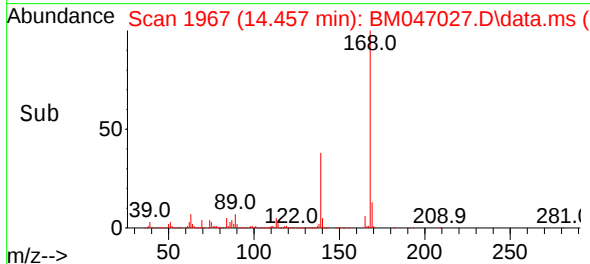
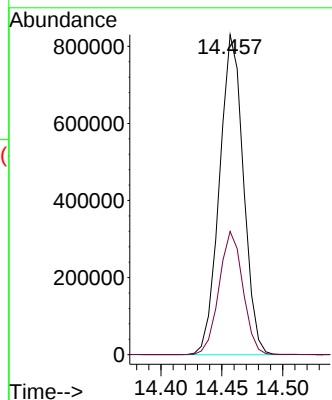
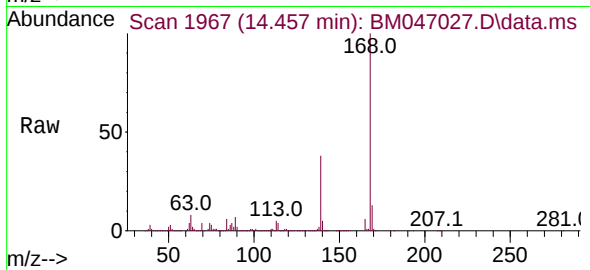
ClientSampleId :

Tgt Ion:168 Resp: 1136717

Ion Ratio Lower Upper

168 100

139 38.5 33.0 49.4



#57

2,4-Dinitrotoluene

Concen: 19.650 ng/ul

RT: 14.445 min Scan# 1965

Delta R.T. 0.006 min

Lab File: BM047027.D

Acq: 06 Aug 2024 17:50

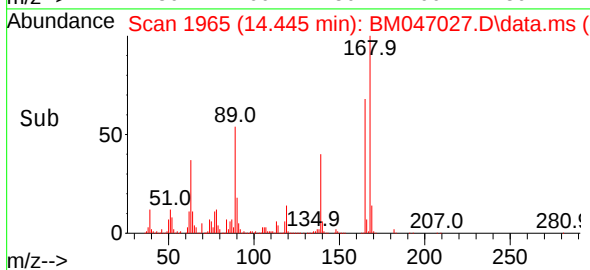
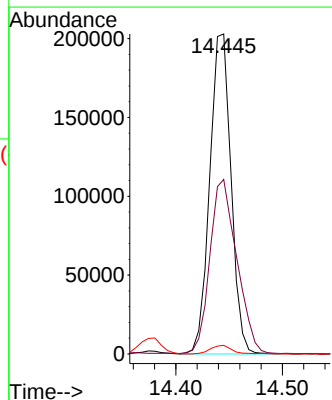
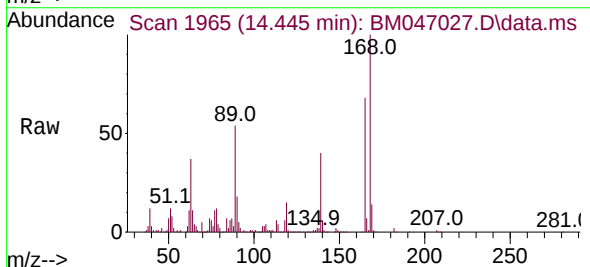
Tgt Ion:165 Resp: 281382

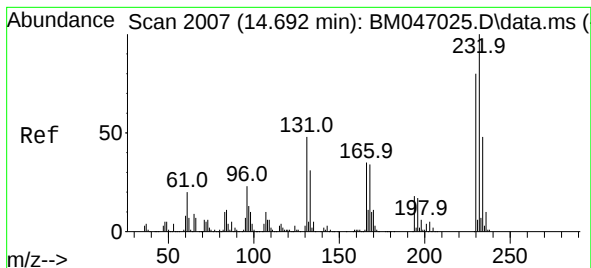
Ion Ratio Lower Upper

165 100

63 54.6 41.4 62.0

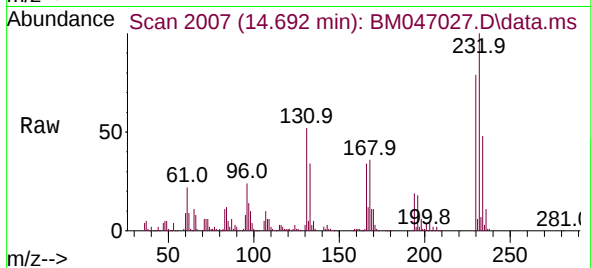
182 2.7 2.2 3.2



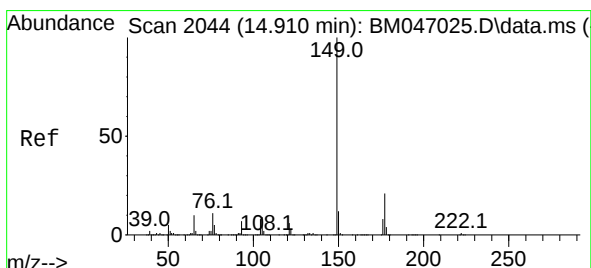
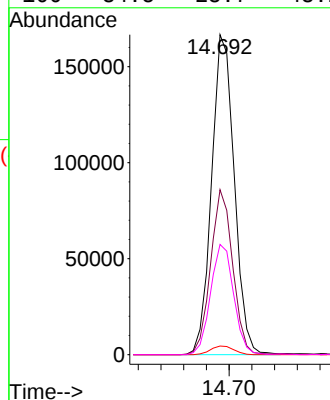
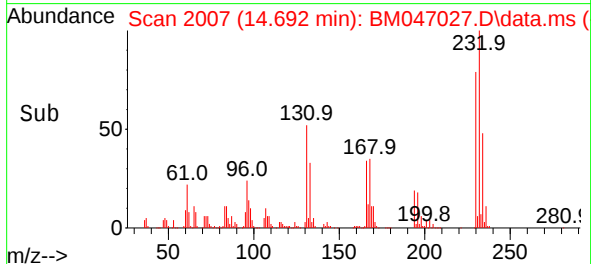


#58
2,3,4,6-Tetrachlorophenol
Concen: 18.698 ng/ul
RT: 14.692 min Scan# 2007
Delta R.T. -0.000 min
Lab File: BM047027.D
Acq: 06 Aug 2024 17:50

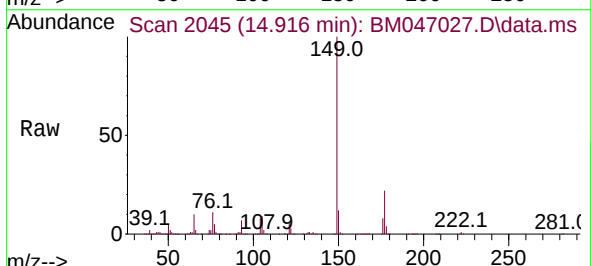
Instrument :
BNA_M
ClientSampleId :



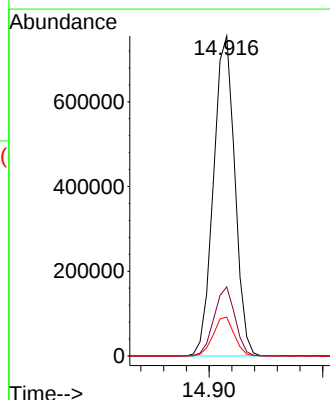
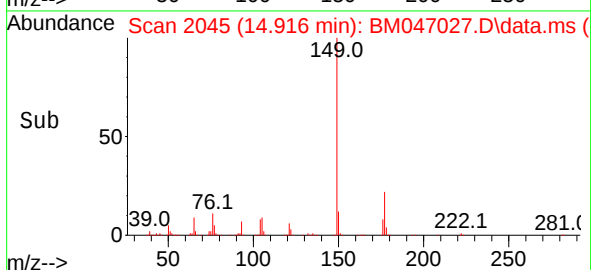
Tgt Ion:232 Resp: 231453
Ion Ratio Lower Upper
232 100
131 51.6 40.8 61.2
130 2.7 2.6 3.8
166 34.5 28.7 43.1

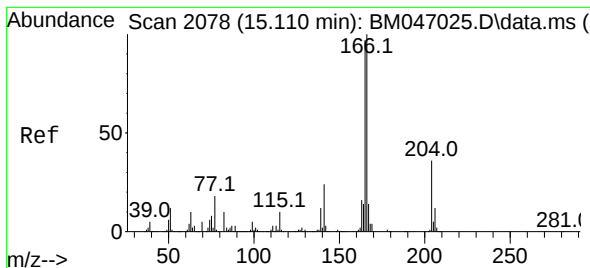


#59
Diethylphthalate
Concen: 19.007 ng/ul
RT: 14.916 min Scan# 2045
Delta R.T. -0.000 min
Lab File: BM047027.D
Acq: 06 Aug 2024 17:50



Tgt Ion:149 Resp: 985606
Ion Ratio Lower Upper
149 100
177 21.6 16.5 24.7
150 12.2 9.7 14.5





#61

Fluorene

Concen: 19.267 ng/ul

RT: 15.116 min Scan# 2078

Delta R.T. -0.000 min

Lab File: BM047027.D

Acq: 06 Aug 2024 17:50

Instrument :

BNA_M

ClientSampleId :

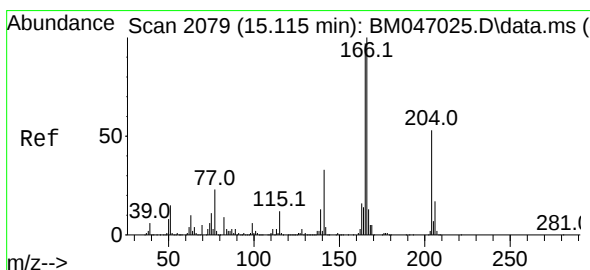
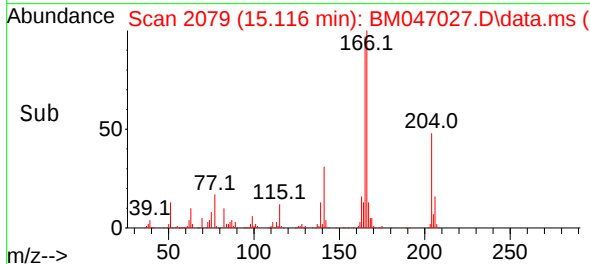
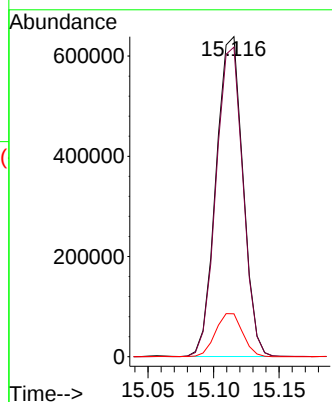
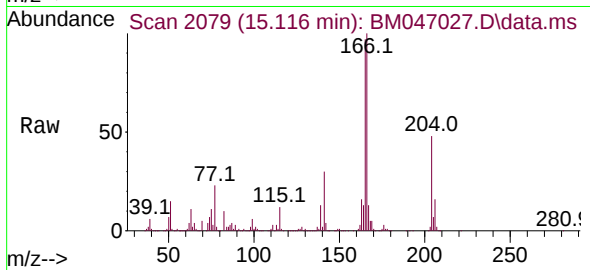
Tgt Ion:166 Resp: 910530

Ion Ratio Lower Upper

166 100

165 96.7 79.5 119.3

167 13.4 11.5 17.3



#62

4-Chlorophenyl-phenylether

Concen: 18.387 ng/ul

RT: 15.121 min Scan# 2080

Delta R.T. -0.000 min

Lab File: BM047027.D

Acq: 06 Aug 2024 17:50

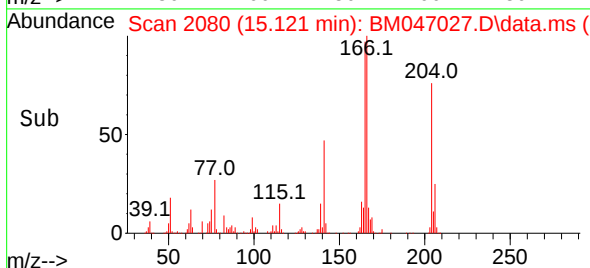
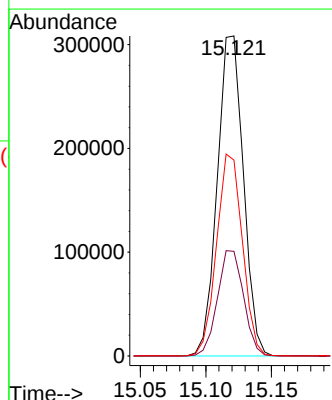
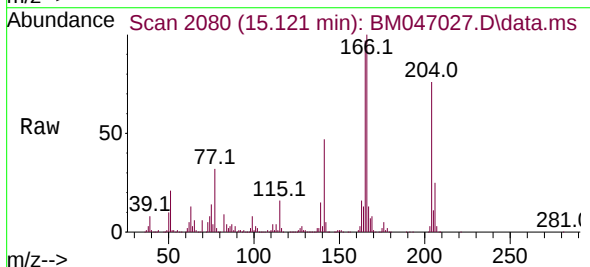
Tgt Ion:204 Resp: 427783

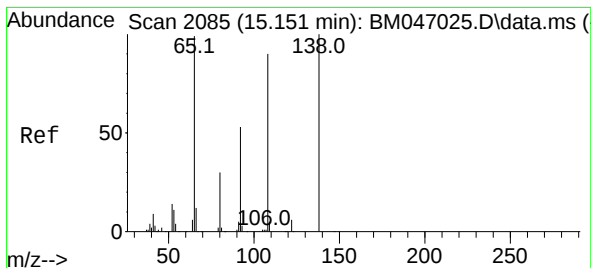
Ion Ratio Lower Upper

204 100

206 32.7 27.0 40.4

141 61.2 52.2 78.4

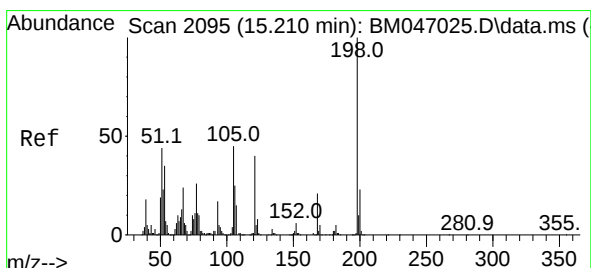
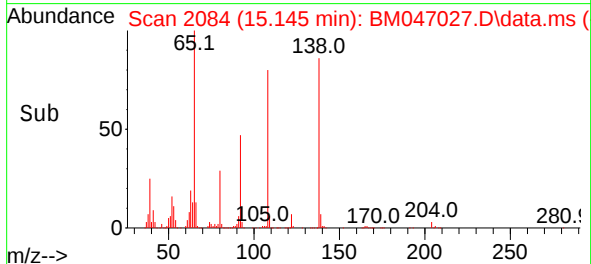
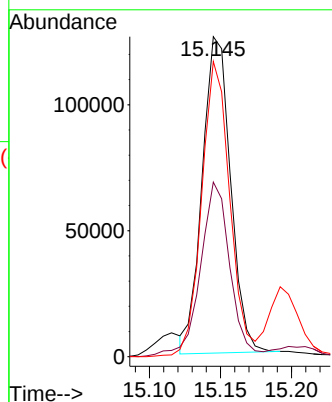
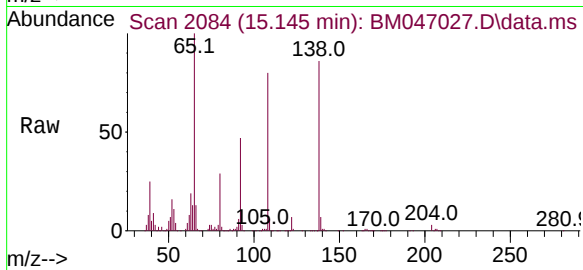




#63
4-Nitroaniline
Concen: 18.536 ng/ul
RT: 15.145 min Scan# 2085
Delta R.T. -0.000 min
Lab File: BM047027.D
Acq: 06 Aug 2024 17:50

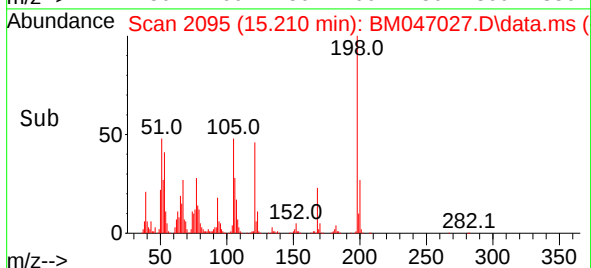
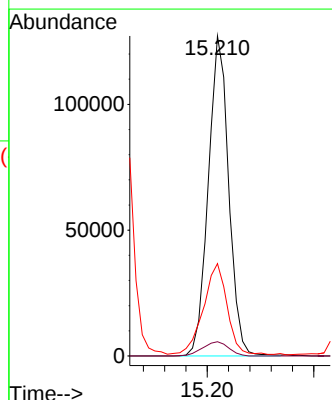
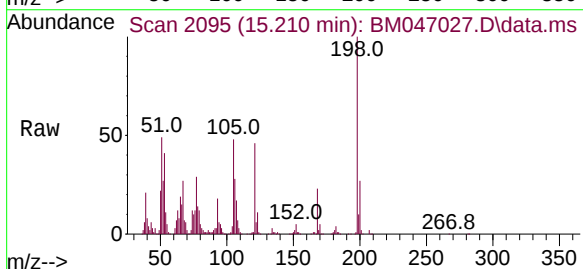
Instrument :
BNA_M
ClientSampleId :

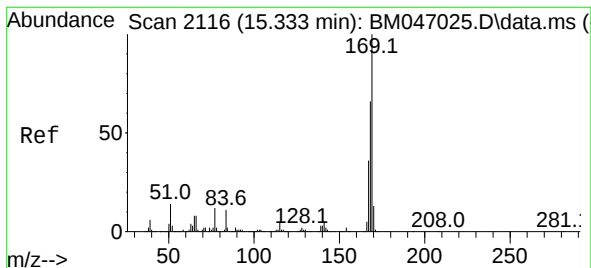
Tgt Ion:138 Resp: 174806
Ion Ratio Lower Upper
138 100
92 54.6 47.7 71.5
108 92.2 87.3 130.9



#66
4,6-Dinitro-2-methylphenol
Concen: 19.141 ng/ul
RT: 15.210 min Scan# 2095
Delta R.T. -0.000 min
Lab File: BM047027.D
Acq: 06 Aug 2024 17:50

Tgt Ion:198 Resp: 169630
Ion Ratio Lower Upper
198 100
182 4.5 3.6 5.4
77 28.9 24.4 36.6





#67

N-Nitrosodiphenylamine

Concen: 21.000 ng/ul

RT: 15.339 min Scan# 2116

Delta R.T. -0.000 min

Lab File: BM047027.D

Acq: 06 Aug 2024 17:50

Instrument :

BNA_M

ClientSampleId :

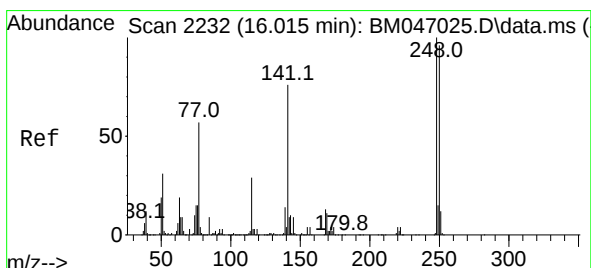
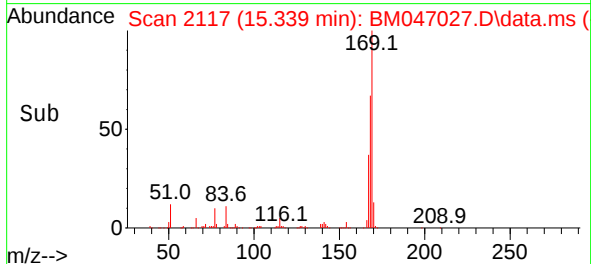
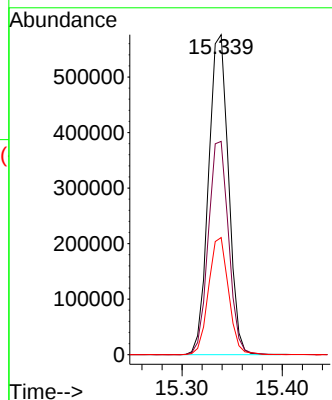
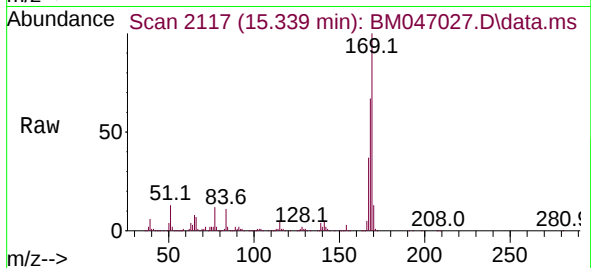
Tgt Ion:169 Resp: 797929

Ion Ratio Lower Upper

169 100

168 66.7 54.0 81.0

167 36.6 30.2 45.2



#68

4-Bromophenyl-phenylether

Concen: 20.141 ng/ul

RT: 16.015 min Scan# 2232

Delta R.T. -0.000 min

Lab File: BM047027.D

Acq: 06 Aug 2024 17:50

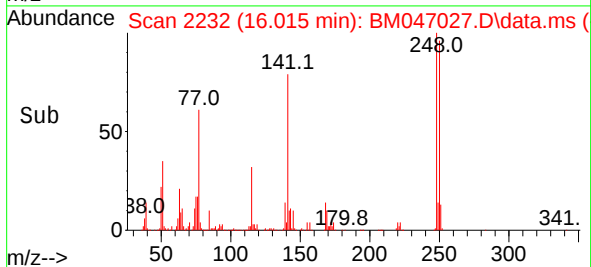
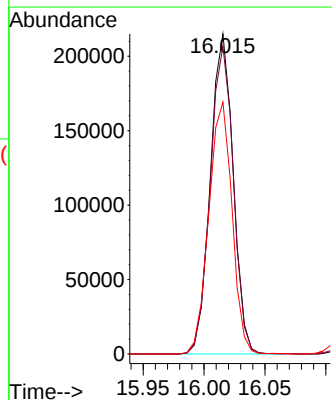
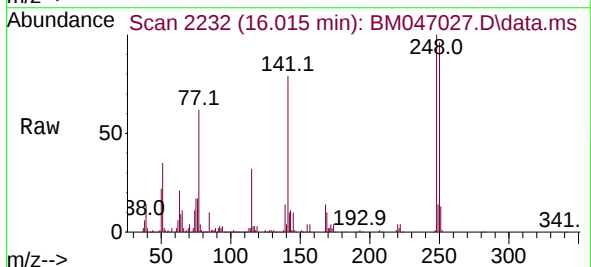
Tgt Ion:248 Resp: 279458

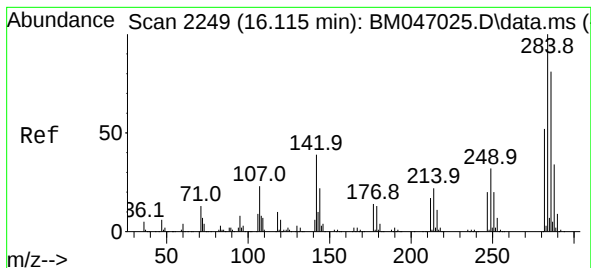
Ion Ratio Lower Upper

248 100

250 96.2 80.7 121.1

141 78.7 68.6 103.0





#69

Hexachlorobenzene

Concen: 20.112 ng/ul

RT: 16.115 min Scan# 2249

Delta R.T. -0.006 min

Lab File: BM047027.D

Acq: 06 Aug 2024 17:50

Instrument :

BNA_M

ClientSampleId :

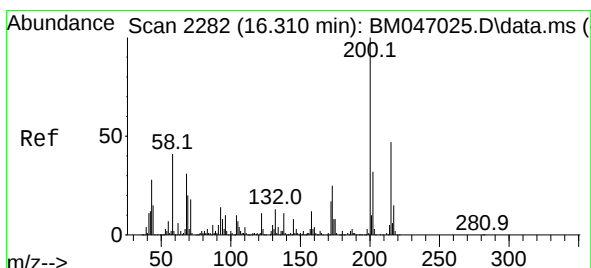
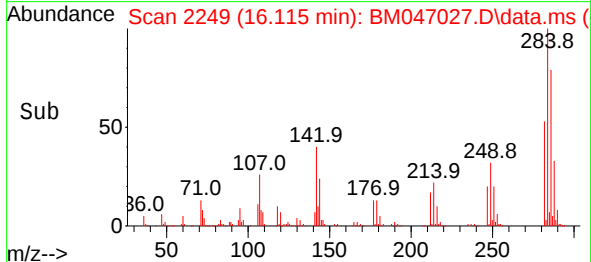
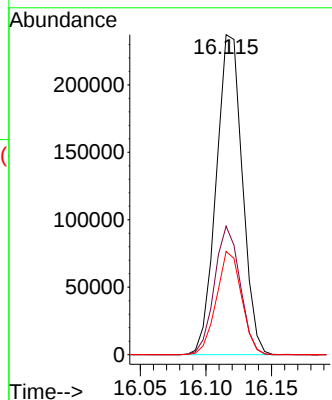
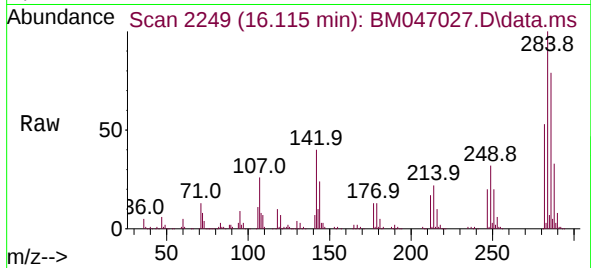
Tgt Ion:284 Resp: 328594

Ion Ratio Lower Upper

284 100

142 40.1 30.0 45.0

249 32.2 24.6 36.8



#70

Atrazine

Concen: 19.175 ng/ul

RT: 16.310 min Scan# 2282

Delta R.T. -0.000 min

Lab File: BM047027.D

Acq: 06 Aug 2024 17:50

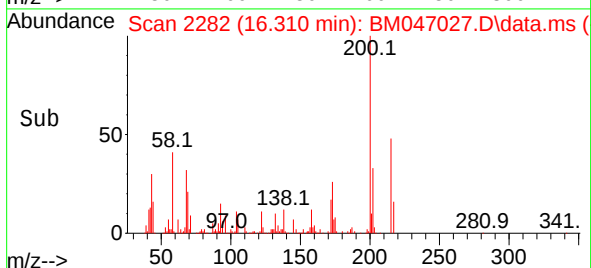
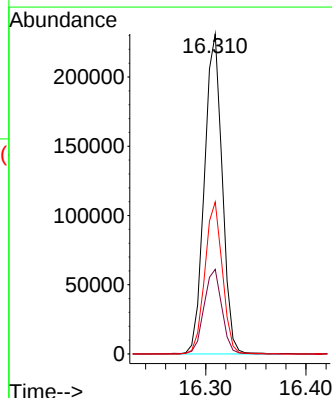
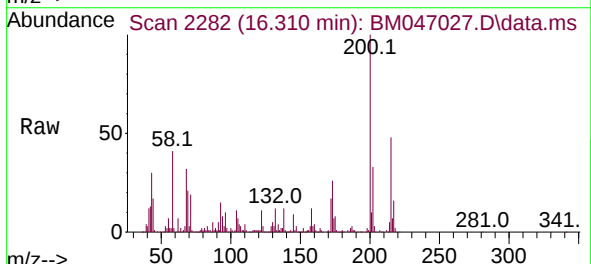
Tgt Ion:200 Resp: 285853

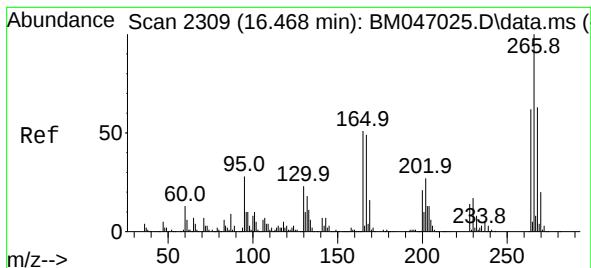
Ion Ratio Lower Upper

200 100

173 26.4 21.4 32.0

215 47.5 36.7 55.1





#71

Pentachlorophenol

Concen: 18.851 ng/ul

RT: 16.468 min Scan# 2309

Delta R.T. -0.006 min

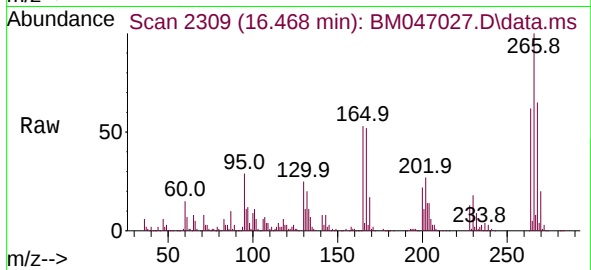
Lab File: BM047027.D

Acq: 06 Aug 2024 17:50

Instrument :

BNA_M

ClientSampleId :



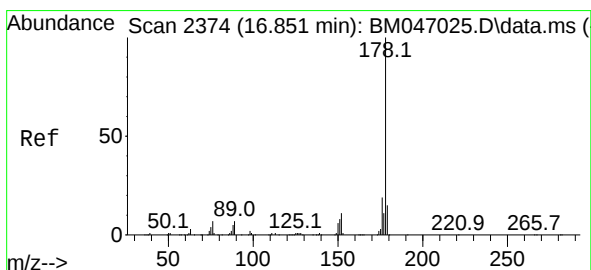
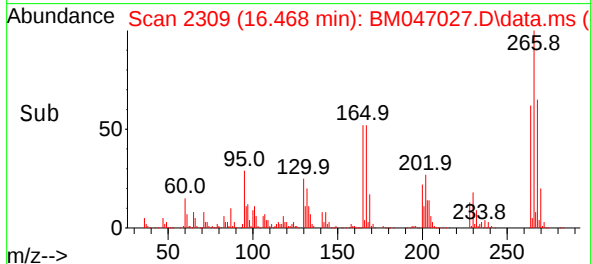
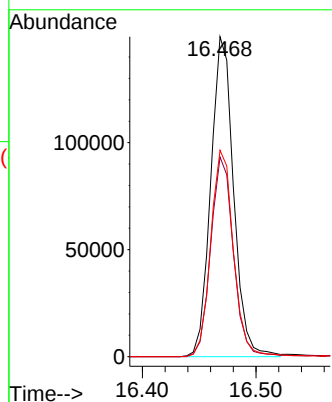
Tgt Ion:266 Resp: 208513

Ion Ratio Lower Upper

266 100

264 62.4 50.7 76.1

268 64.5 53.0 79.6



#72

Phenanthrene

Concen: 20.092 ng/ul

RT: 16.851 min Scan# 2374

Delta R.T. -0.006 min

Lab File: BM047027.D

Acq: 06 Aug 2024 17:50

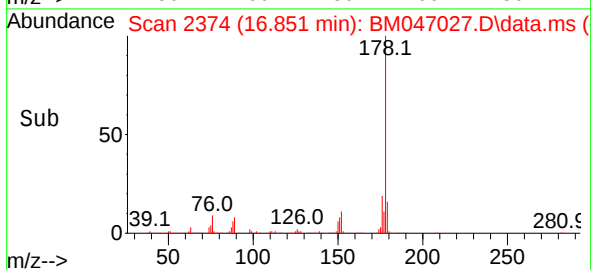
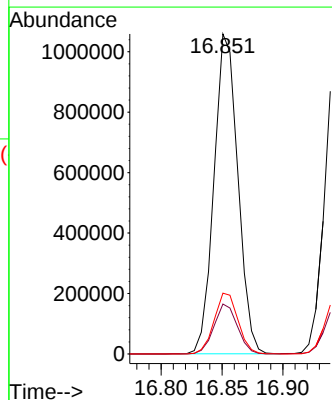
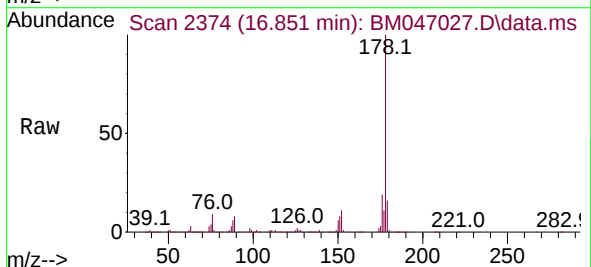
Tgt Ion:178 Resp: 1443785

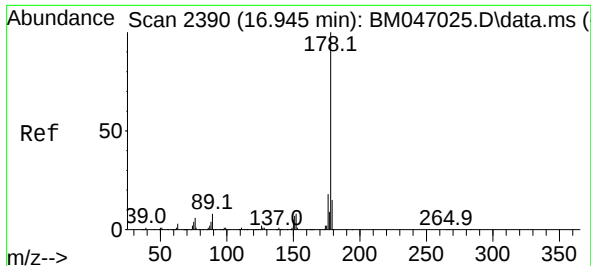
Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

176 19.0 15.3 22.9

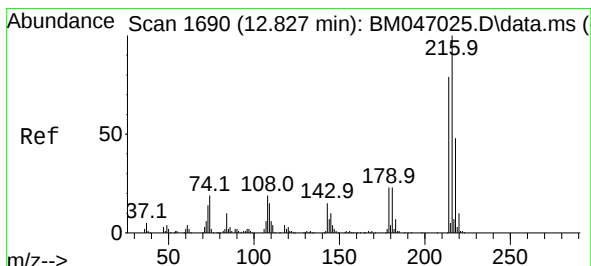
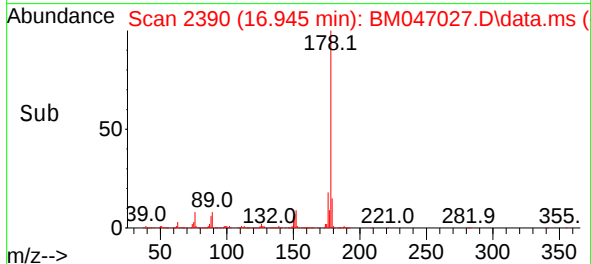
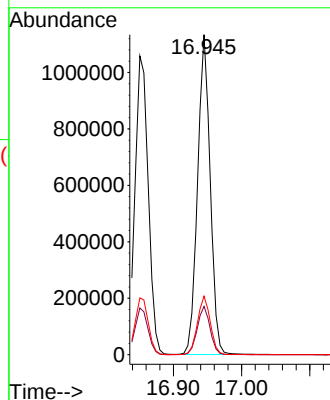
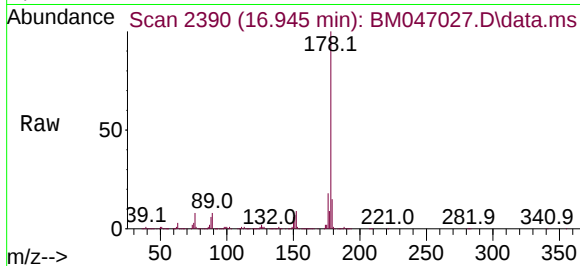




#74
 Anthracene
 Concen: 20.030 ng/ul
 RT: 16.945 min Scan# 2390
 Delta R.T. -0.000 min
 Lab File: BM047027.D
 Acq: 06 Aug 2024 17:50

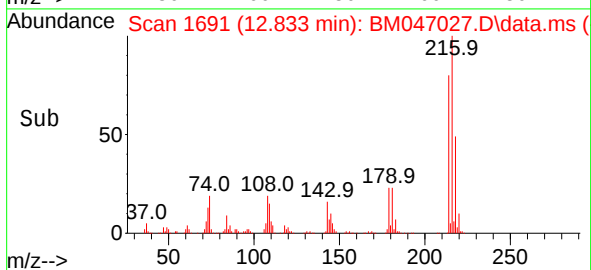
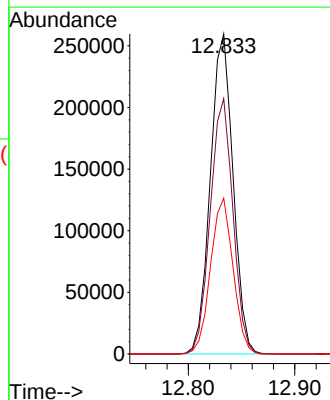
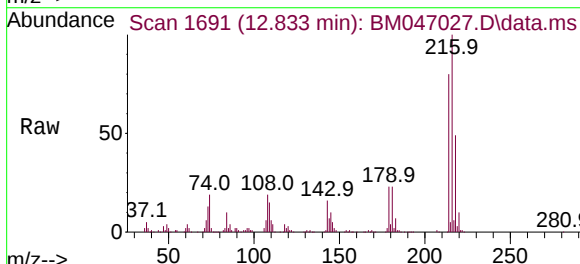
Instrument :
 BNA_M
 ClientSampleId :

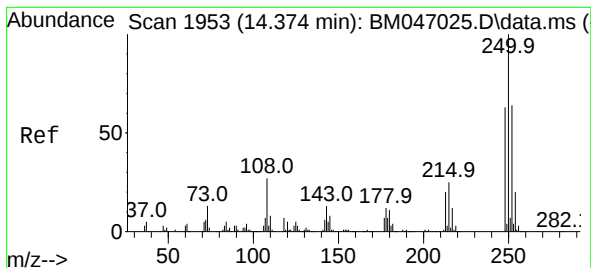
Tgt Ion:178 Resp: 1451487
 Ion Ratio Lower Upper
 178 100
 179 15.1 12.2 18.2
 176 18.3 14.6 22.0



#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 20.872 ng/uL
 RT: 12.833 min Scan# 1691
 Delta R.T. -0.000 min
 Lab File: BM047027.D
 Acq: 06 Aug 2024 17:50

Tgt Ion:216 Resp: 384964
 Ion Ratio Lower Upper
 216 100
 214 79.8 67.0 100.6
 218 48.7 38.7 58.1





#76

Pentachlorobenzene

Concen: 20.317 ng/uL

RT: 14.374 min Scan# 1953

Delta R.T. -0.000 min

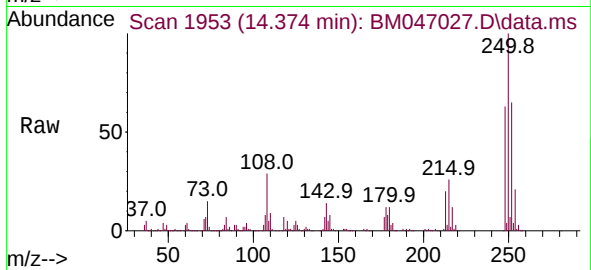
Lab File: BM047027.D

Acq: 06 Aug 2024 17:50

Instrument :

BNA_M

ClientSampleId :



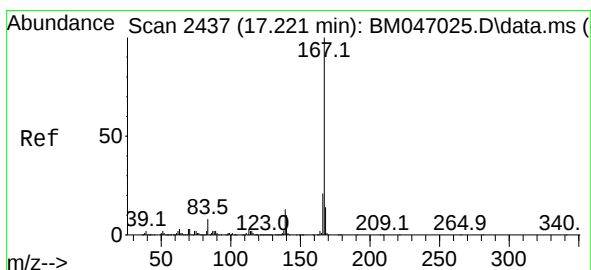
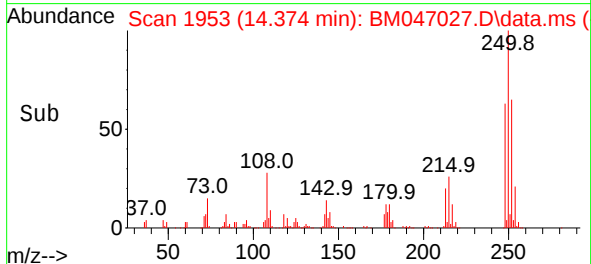
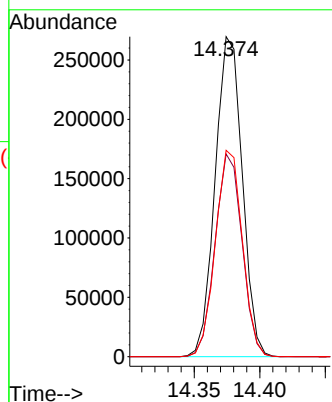
Tgt Ion:250 Resp: 387867

Ion Ratio Lower Upper

250 100

248 63.4 49.6 74.4

252 64.5 51.4 77.0



#77

Carbazole

Concen: 20.069 ng/uL

RT: 17.221 min Scan# 2437

Delta R.T. -0.006 min

Lab File: BM047027.D

Acq: 06 Aug 2024 17:50

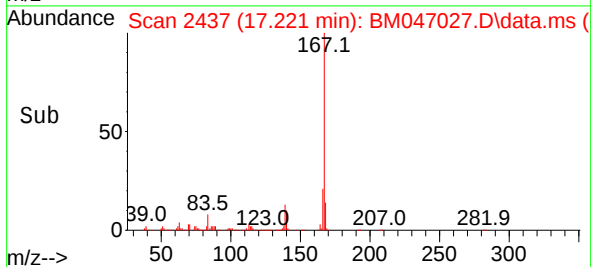
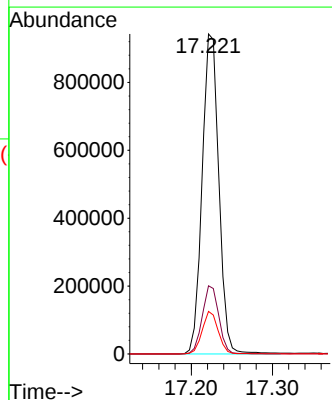
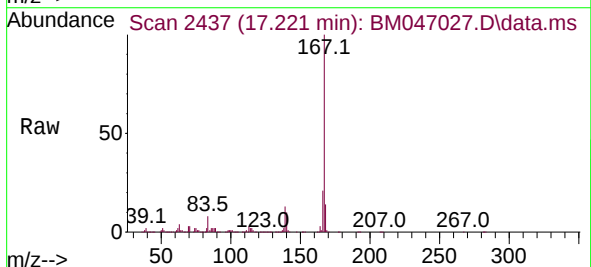
Tgt Ion:167 Resp: 1348248

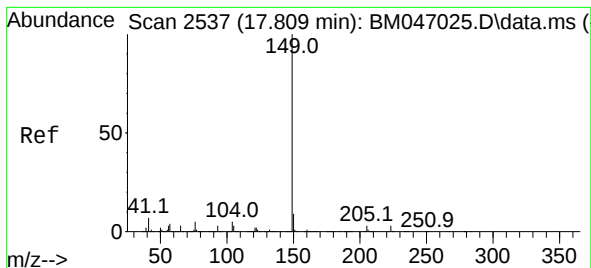
Ion Ratio Lower Upper

167 100

166 21.3 17.0 25.4

139 13.3 10.6 16.0





#78

Di-n-butylphthalate

Concen: 19.336 ng/ul

RT: 17.809 min Scan# 2537

Delta R.T. -0.006 min

Lab File: BM047027.D

Acq: 06 Aug 2024 17:50

Instrument :

BNA_M

ClientSampleId :

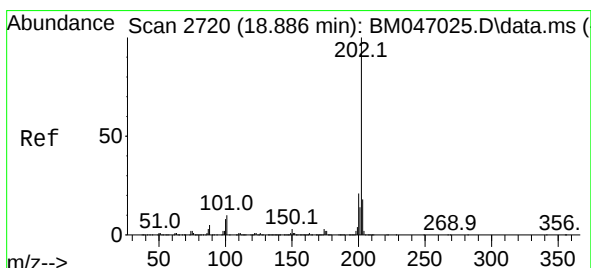
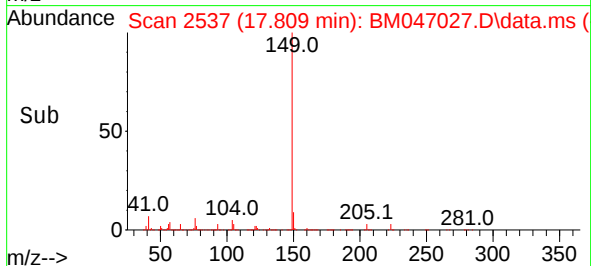
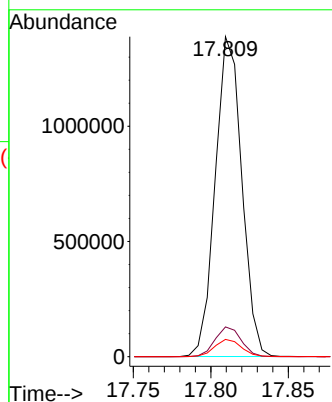
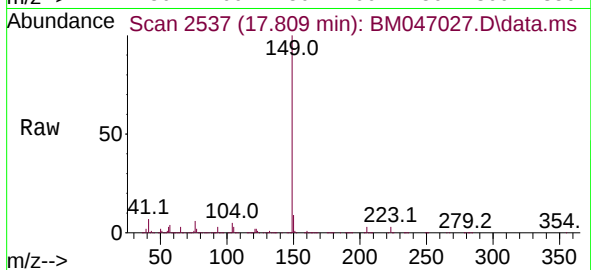
Tgt Ion:149 Resp: 1651823

Ion Ratio Lower Upper

149 100

150 9.3 7.0 10.6

104 5.4 4.8 7.2



#80

Fluoranthene

Concen: 22.011 ng/ul

RT: 18.886 min Scan# 2720

Delta R.T. -0.000 min

Lab File: BM047027.D

Acq: 06 Aug 2024 17:50

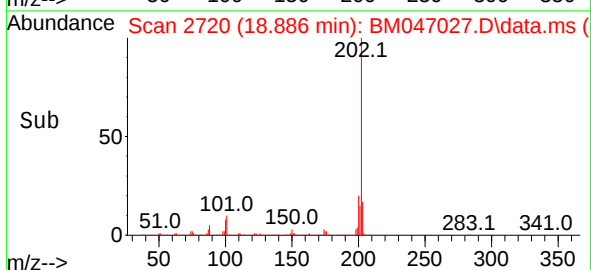
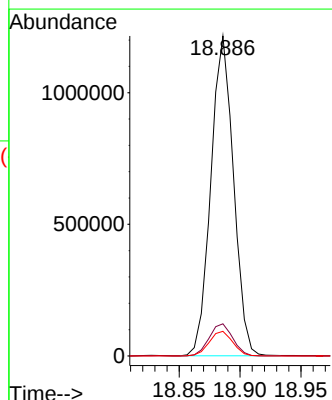
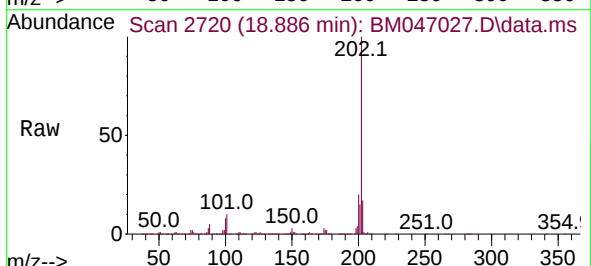
Tgt Ion:202 Resp: 1574321

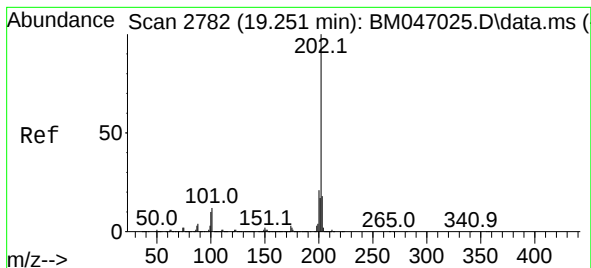
Ion Ratio Lower Upper

202 100

101 10.0 7.8 11.6

100 7.7 5.9 8.9





#82

Pyrene

Concen: 21.828 ng/ul

RT: 19.251 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047027.D

Acq: 06 Aug 2024 17:50

Instrument :

BNA_M

ClientSampleId :

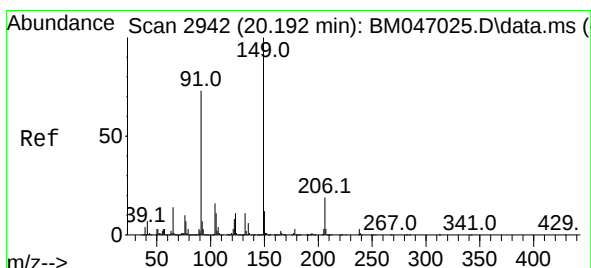
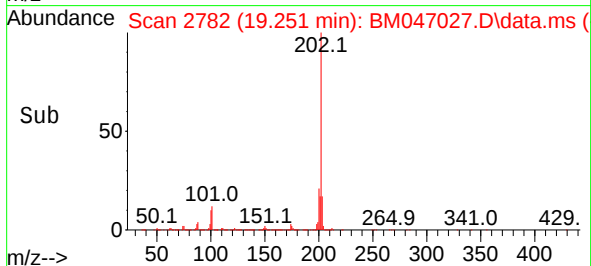
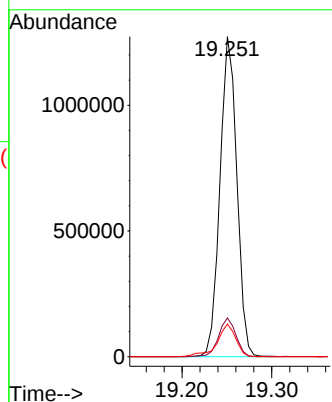
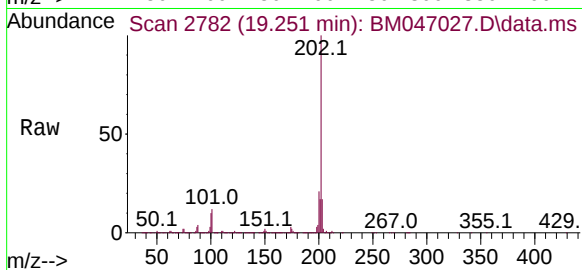
Tgt Ion:202 Resp: 1663548

Ion Ratio Lower Upper

202 100

101 12.1 8.7 13.1

100 10.2 6.8 10.2



#83

Butylbenzylphthalate

Concen: 21.200 ng/ul

RT: 20.192 min Scan# 2942

Delta R.T. -0.000 min

Lab File: BM047027.D

Acq: 06 Aug 2024 17:50

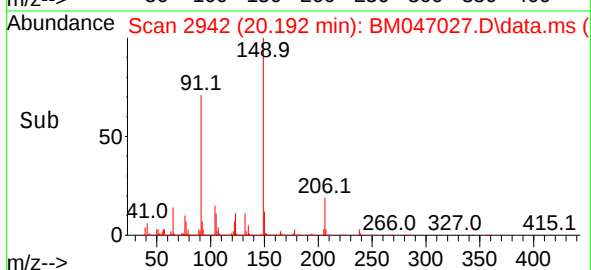
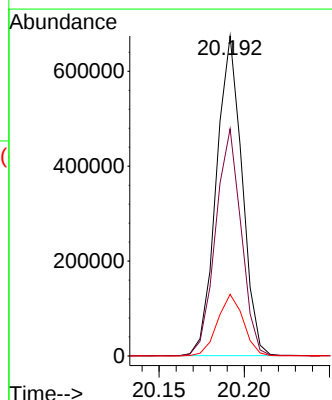
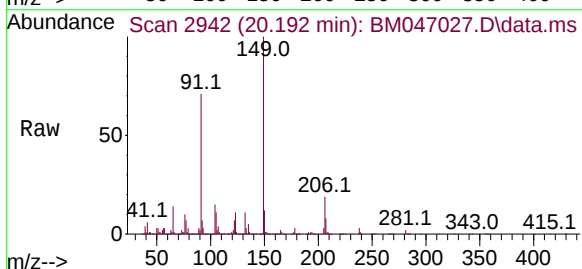
Tgt Ion:149 Resp: 706186

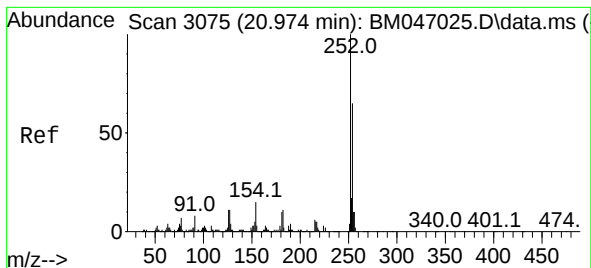
Ion Ratio Lower Upper

149 100

91 71.0 55.3 82.9

206 19.3 16.2 24.4





#84

3,3'-Dichlorobenzidine

Concen: 18.489 ng/ul

RT: 20.968 min Scan# 3074

Delta R.T. -0.006 min

Lab File: BM047027.D

Acq: 06 Aug 2024 17:50

Instrument :

BNA_M

ClientSampleId :

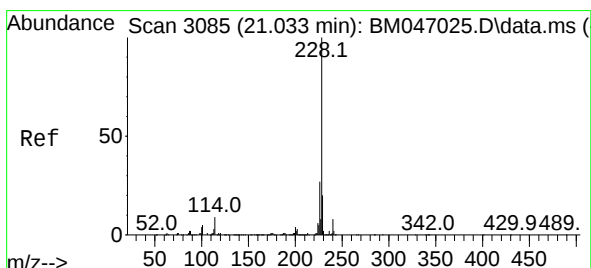
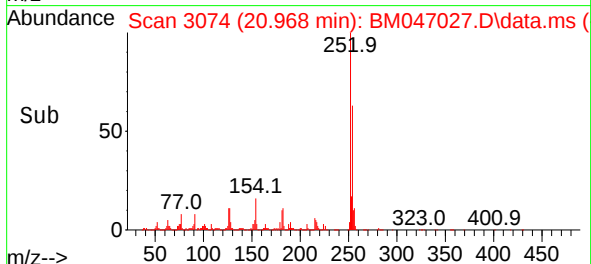
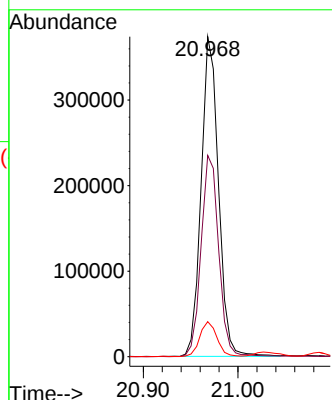
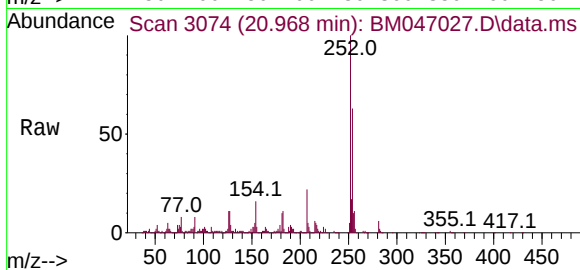
Tgt Ion:252 Resp: 473876

Ion Ratio Lower Upper

252 100

254 62.9 52.6 78.8

126 11.0 8.8 13.2



#85

Benzo(a)anthracene

Concen: 20.447 ng/ul

RT: 21.027 min Scan# 3084

Delta R.T. -0.006 min

Lab File: BM047027.D

Acq: 06 Aug 2024 17:50

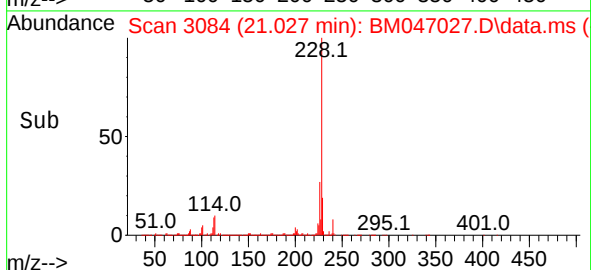
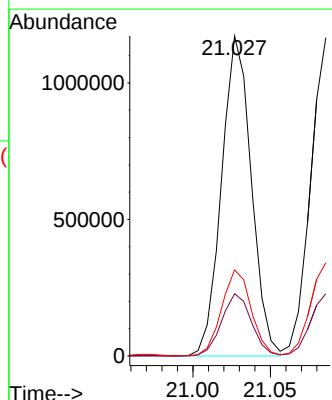
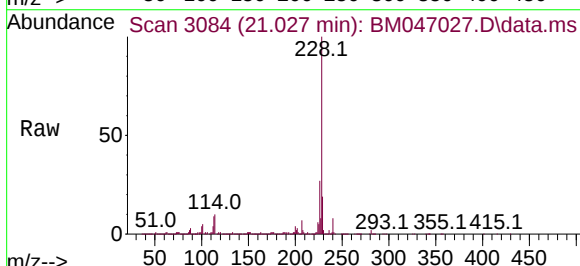
Tgt Ion:228 Resp: 1561247

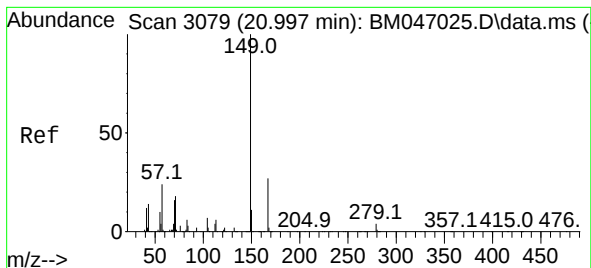
Ion Ratio Lower Upper

228 100

229 19.5 15.5 23.3

226 26.9 21.2 31.8





#86

Bis(2-ethylhexyl)phthalate

Concen: 20.255 ng/ul

RT: 20.992 min Scan# 3078

Delta R.T. -0.000 min

Lab File: BM047027.D

Acq: 06 Aug 2024 17:50

Instrument :

BNA_M

ClientSampleId :

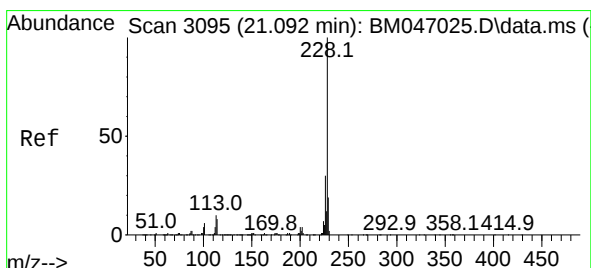
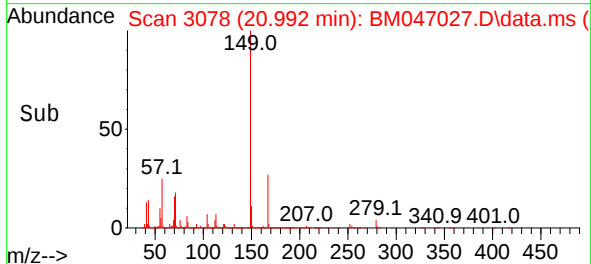
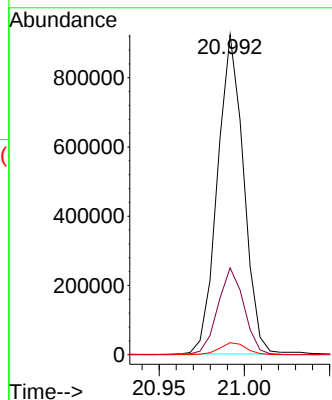
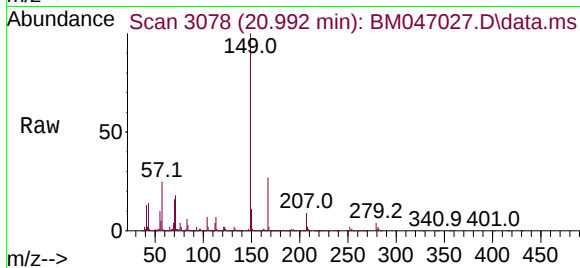
Tgt Ion:149 Resp: 984966

Ion Ratio Lower Upper

149 100

167 27.1 21.3 31.9

279 3.8 3.3 4.9



#87

Chrysene

Concen: 20.145 ng/ul

RT: 21.086 min Scan# 3094

Delta R.T. -0.000 min

Lab File: BM047027.D

Acq: 06 Aug 2024 17:50

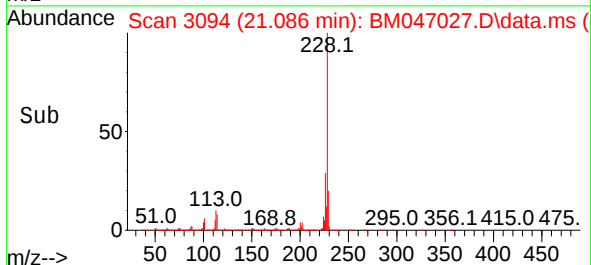
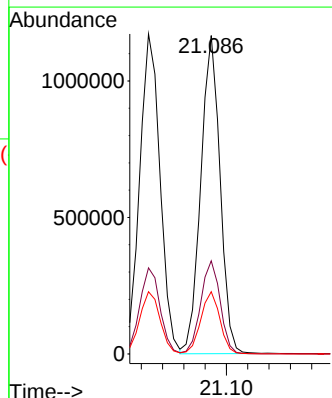
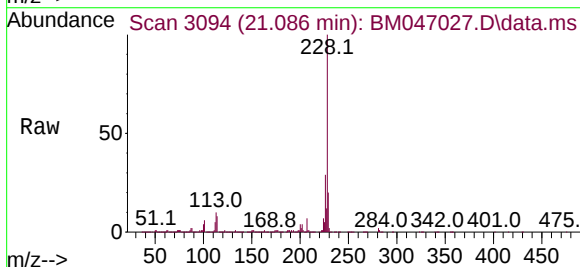
Tgt Ion:228 Resp: 1467013

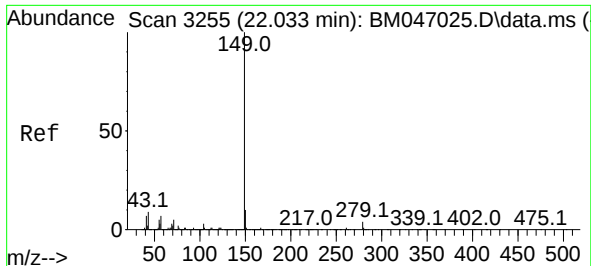
Ion Ratio Lower Upper

228 100

226 29.3 24.0 36.0

229 19.6 15.5 23.3





#89

Di-n-octyl phthalate

Concen: 18.785 ng/ul

RT: 22.027 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM047027.D

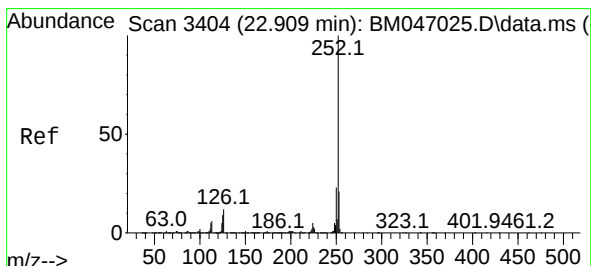
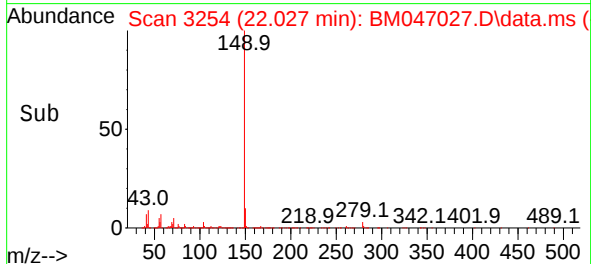
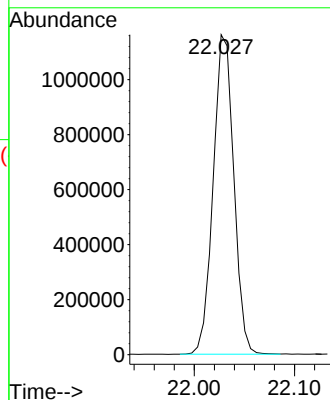
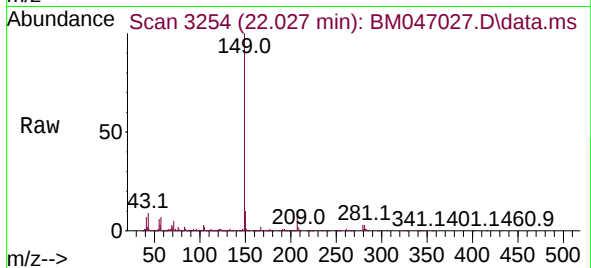
Acq: 06 Aug 2024 17:50

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:149 Resp: 1659509



#90

Benzo(b)fluoranthene

Concen: 20.326 ng/ul

RT: 22.903 min Scan# 3403

Delta R.T. -0.006 min

Lab File: BM047027.D

Acq: 06 Aug 2024 17:50

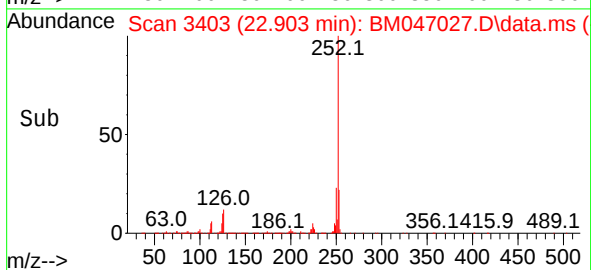
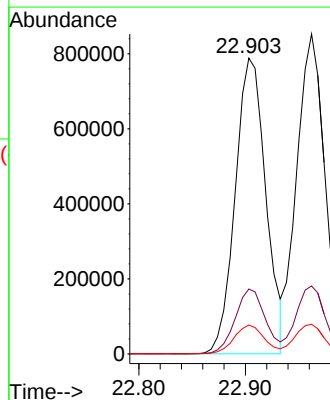
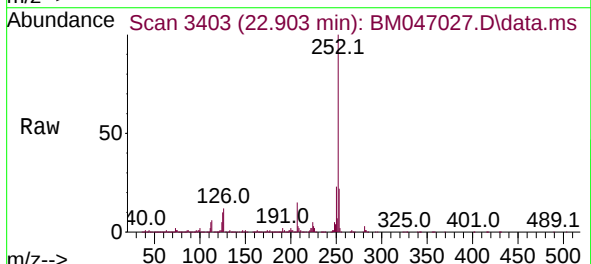
Tgt Ion:252 Resp: 1574387

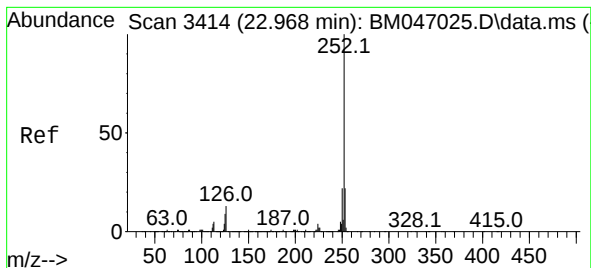
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 9.8 7.0 10.6





#91

Benzo(k)fluoranthene

Concen: 20.534 ng/ul

RT: 22.962 min Scan# 3414

Delta R.T. -0.006 min

Lab File: BM047027.D

Acq: 06 Aug 2024 17:50

Instrument :

BNA_M

ClientSampleId :

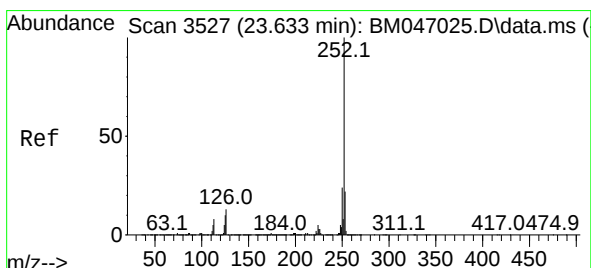
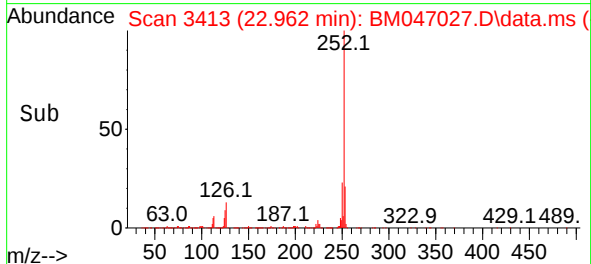
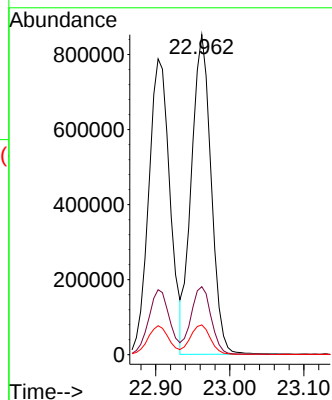
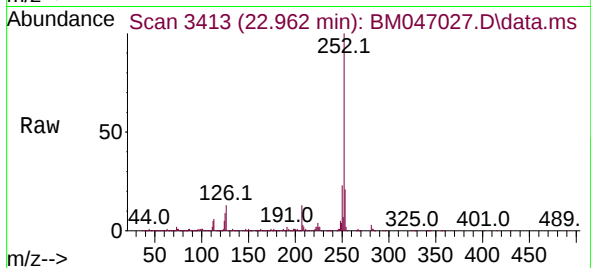
Tgt Ion:252 Resp: 1571753

Ion Ratio Lower Upper

252 100

253 21.2 17.0 25.6

125 9.3 6.9 10.3



#93

Benzo(a)pyrene

Concen: 20.423 ng/ul

RT: 23.627 min Scan# 3526

Delta R.T. -0.006 min

Lab File: BM047027.D

Acq: 06 Aug 2024 17:50

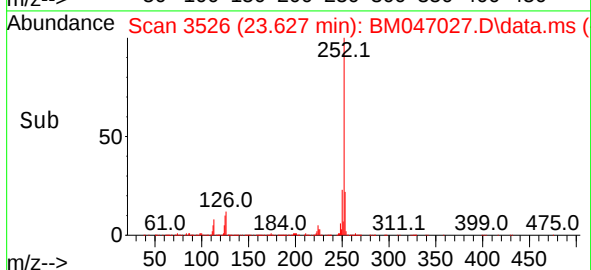
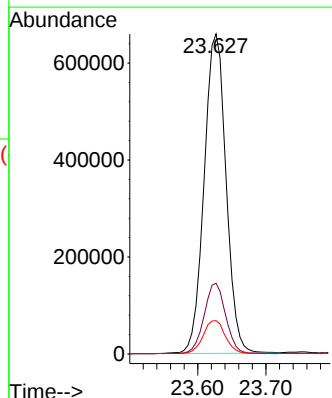
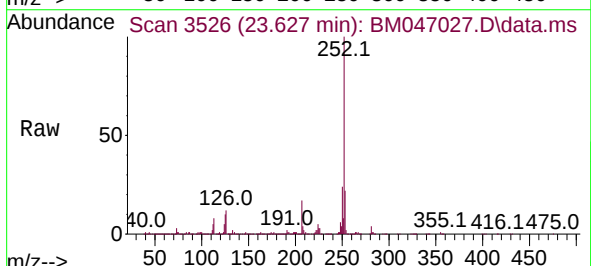
Tgt Ion:252 Resp: 1473784

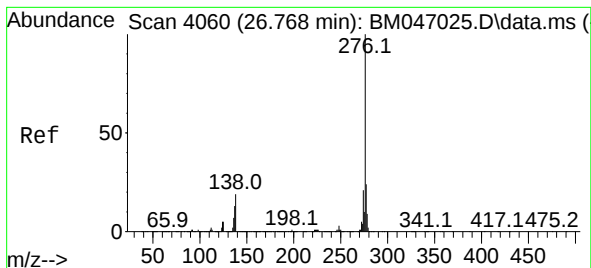
Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.2

125 10.4 8.1 12.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 20.258 ng/ul

RT: 26.756 min Scan# 4058

Delta R.T. -0.012 min

Lab File: BM047027.D

Acq: 06 Aug 2024 17:50

Instrument :

BNA_M

ClientSampleId :

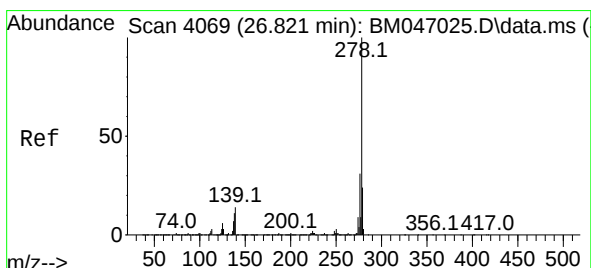
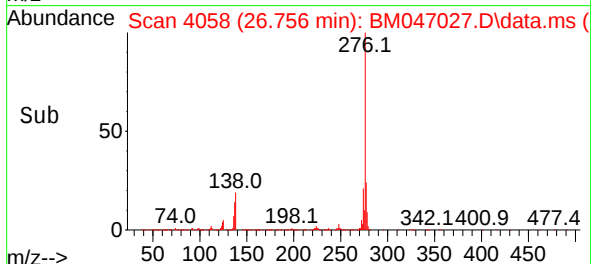
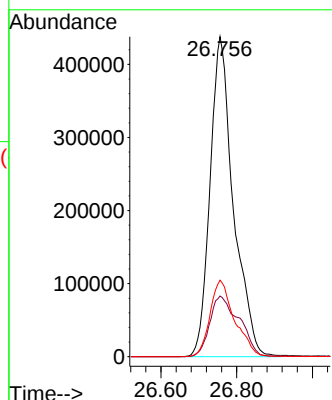
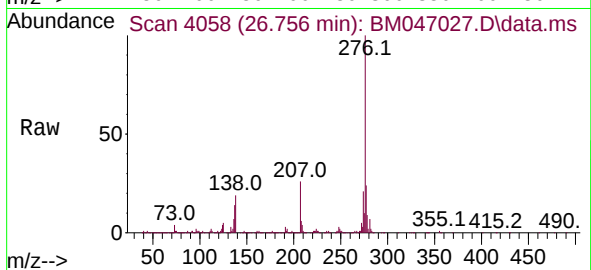
Tgt Ion:276 Resp: 1872955

Ion Ratio Lower Upper

276 100

138 19.0 14.7 22.1

277 23.9 19.3 28.9



#95

Dibenzo(a,h)anthracene

Concen: 20.401 ng/ul

RT: 26.809 min Scan# 4067

Delta R.T. -0.012 min

Lab File: BM047027.D

Acq: 06 Aug 2024 17:50

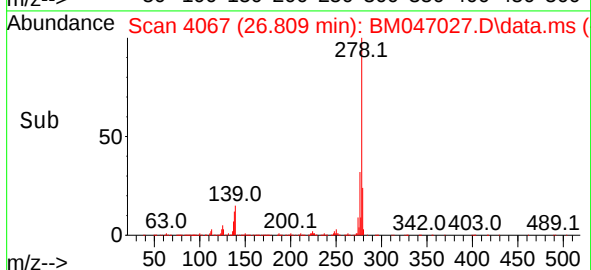
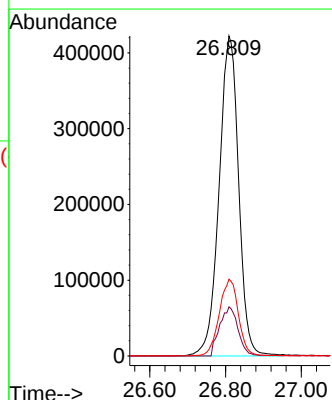
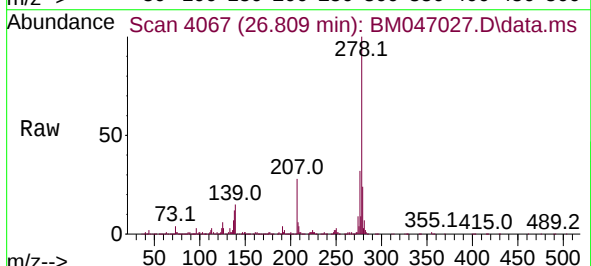
Tgt Ion:278 Resp: 1515010

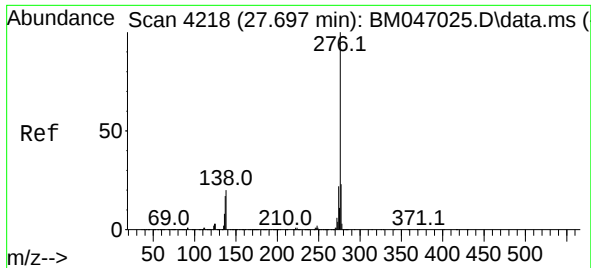
Ion Ratio Lower Upper

278 100

139 15.4 11.4 17.0

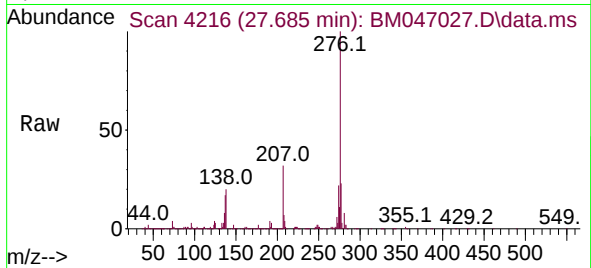
279 24.0 19.4 29.0





#96
 Benzo(g,h,i)perylene
 Concen: 20.071 ng/ul
 RT: 27.685 min Scan# 41
 Delta R.T. -0.012 min
 Lab File: BM047027.D
 Acq: 06 Aug 2024 17:50

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:276 Resp: 1466162

Ion	Ratio	Lower	Upper
276	100		
138	20.3	14.7	22.1
277	23.5	18.6	27.8

