

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092324\
 Data File : BM047603.D
 Acq On : 23 Sep 2024 14:25
 Operator : RC/JU
 Sample : P4135-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S1-6MSD

Quant Time: Sep 23 15:06:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM092024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 21 02:22:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	355159	20.000	ng	-0.01
21) Naphthalene-d8	10.634	136	1418426	20.000	ng	0.00
39) Acenaphthene-d10	14.469	164	728566	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1263087	20.000	ng	0.00
76) Chrysene-d12	21.427	240	1006113	20.000	ng	-0.01
86) Perylene-d12	24.450	264	911194	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	2837643	122.439	ng	-0.01
7) Phenol-d6	7.004	99	3733274	122.253	ng	0.00
23) Nitrobenzene-d5	8.992	82	2229949	78.261	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	809121	119.935	ng	0.00
45) 2-Fluorobiphenyl	13.092	172	4120426	80.024	ng	-0.01
79) Terphenyl-d14	19.821	244	4881203	87.050	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.311	88	460545	45.639	ng	99
3) Pyridine	3.710	79	1269007	45.366	ng	97
4) n-Nitrosodimethylamine	3.616	42	609652	52.562	ng	98
6) Aniline	7.157	93	1415747	54.117	ng	99
8) 2-Chlorophenol	7.404	128	1320061	54.407	ng	98
9) Benzaldehyde	6.969	77	201603	12.937	ng	97
10) Phenol	7.028	94	1722912	56.821	ng	100
11) bis(2-Chloroethyl)ether	7.257	93	1271991	52.193	ng	98
12) 1,3-Dichlorobenzene	7.728	146	1348967	50.275	ng	98
13) 1,4-Dichlorobenzene	7.875	146	1379311	50.805	ng	99
14) 1,2-Dichlorobenzene	8.187	146	1311759	50.126	ng	99
15) Benzyl Alcohol	8.075	79	1148149	58.273	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.357	45	1698080	54.663	ng	99
17) 2-Methylphenol	8.275	107	1059273	55.584	ng	98
18) Hexachloroethane	8.922	117	551799	50.119	ng	98
19) n-Nitroso-di-n-propyla...	8.645	70	1025534	54.826	ng	99
20) 3+4-Methylphenols	8.604	107	1431138	55.135	ng	98
22) Acetophenone	8.657	105	1942430	52.563	ng	99
24) Nitrobenzene	9.034	77	1456847	49.502	ng	99
25) Isophorone	9.563	82	2575839	54.094	ng	99
26) 2-Nitrophenol	9.745	139	590993	57.114	ng	97
27) 2,4-Dimethylphenol	9.804	122	1006873	68.265	ng	99
28) bis(2-Chloroethoxy)met...	10.039	93	1613936	52.685	ng	100
29) 2,4-Dichlorophenol	10.281	162	1052108	56.426	ng	98
30) 1,2,4-Trichlorobenzene	10.492	180	1050974	49.453	ng	100
31) Naphthalene	10.681	128	3882377	51.735	ng	100
32) Benzoic acid	9.939	122	739564	53.789	ng	99
33) 4-Chloroaniline	10.781	127	666393	25.188	ng	99
34) Hexachlorobutadiene	10.975	225	576997	49.890	ng	98
35) Caprolactam	11.563	113	180796	28.052	ng	98
36) 4-Chloro-3-methylphenol	11.910	107	1151095	54.108	ng	99
37) 2-Methylnaphthalene	12.292	142	2565550	54.416	ng	100
38) 1-Methylnaphthalene	12.510	142	2370238	50.677	ng	98
40) 1,2,4,5-Tetrachloroben...	12.663	216	1106483	57.550	ng	98
41) Hexachlorocyclopentadiene	12.651	237	1253389	197.455	ng	99
43) 2,4,6-Trichlorophenol	12.898	196	711787	56.963	ng	99

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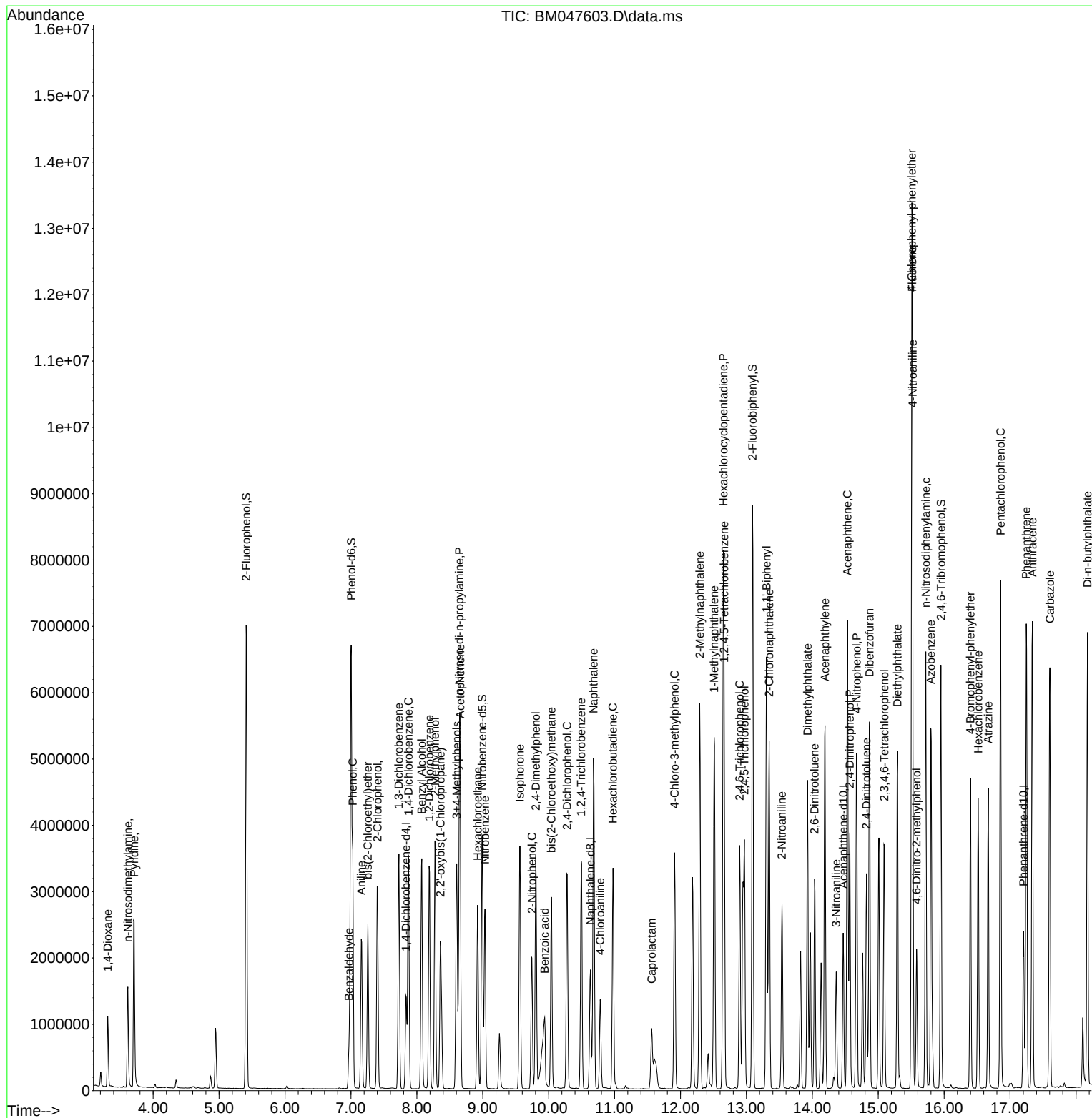
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	783154	55.759	ng	99
46) 1,1'-Biphenyl	13.304	154	3059759	54.380	ng	99
47) 2-Chloronaphthalene	13.345	162	2315612	52.597	ng	99
48) 2-Nitroaniline	13.539	65	743550	56.548	ng	98
49) Acenaphthylene	14.192	152	3692536	58.283	ng	100
50) Dimethylphthalate	13.927	163	2637940	52.440	ng	99
51) 2,6-Dinitrotoluene	14.033	165	541532	51.382	ng	95
52) Acenaphthene	14.533	154	2339570	55.898	ng	98
53) 3-Nitroaniline	14.363	138	389589	32.230	ng	98
54) 2,4-Dinitrophenol	14.569	184	614560	128.628	ng	97
55) Dibenzofuran	14.869	168	3291576	53.816	ng	99
56) 4-Nitrophenol	14.674	139	1189677	114.856	ng	92
57) 2,4-Dinitrotoluene	14.822	165	748149	53.273	ng	99
58) Fluorene	15.516	166	2936548	54.247	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.092	232	587950	54.763	ng	100
60) Diethylphthalate	15.292	149	2771187	51.673	ng	99
61) 4-Chlorophenyl-phenyle...	15.510	204	1277902	54.027	ng	98
62) 4-Nitroaniline	15.521	138	718422	52.748	ng	98
63) Azobenzene	15.798	77	3362625	57.353	ng	99
65) 4,6-Dinitro-2-methylph...	15.580	198	348156	58.171	ng	99
66) n-Nitrosodiphenylamine	15.721	169	2187675	57.990	ng	100
67) 4-Bromophenyl-phenylether	16.398	248	648806	56.546	ng	98
68) Hexachlorobenzene	16.516	284	710007	52.932	ng	99
69) Atrazine	16.668	200	644230	70.935	ng	98
70) Pentachlorophenol	16.857	266	1008867	119.834	ng	99
71) Phenanthrene	17.245	178	3855245	56.230	ng	99
72) Anthracene	17.339	178	3933843	60.559	ng	100
73) Carbazole	17.604	167	3615738	53.418	ng	100
74) Di-n-butylphthalate	18.174	149	4610428	56.314	ng	100
75) Fluoranthene	19.257	202	3991359	52.885	ng	100
77) Benzidine	19.433	184	1865042	136.117	ng	99
78) Pyrene	19.615	202	4255840	60.436	ng	100
80) Butylbenzylphthalate	20.509	149	1860144	60.678	ng	95
81) Benzo(a)anthracene	21.409	228	3688741	55.759	ng	100
82) 3,3'-Dichlorobenzidine	21.333	252	872520	42.469	ng	99
83) Chrysene	21.474	228	3459324	54.985	ng	100
84) Bis(2-ethylhexyl)phtha...	21.339	149	2772984	56.552	ng	99
85) Di-n-octyl phthalate	22.486	149	4151737	54.870	ng	99
87) Indeno(1,2,3-cd)pyrene	27.868	276	3565747	56.909	ng	99
88) Benzo(b)fluoranthene	23.497	252	3124390	54.556	ng	99
89) Benzo(k)fluoranthene	23.562	252	3188408	56.715	ng	100
90) Benzo(a)pyrene	24.309	252	2897976	59.684	ng	99
91) Dibenzo(a,h)anthracene	27.927	278	2930160	55.986	ng	99
92) Benzo(g,h,i)perylene	28.932	276	2673311	50.966	ng	98

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

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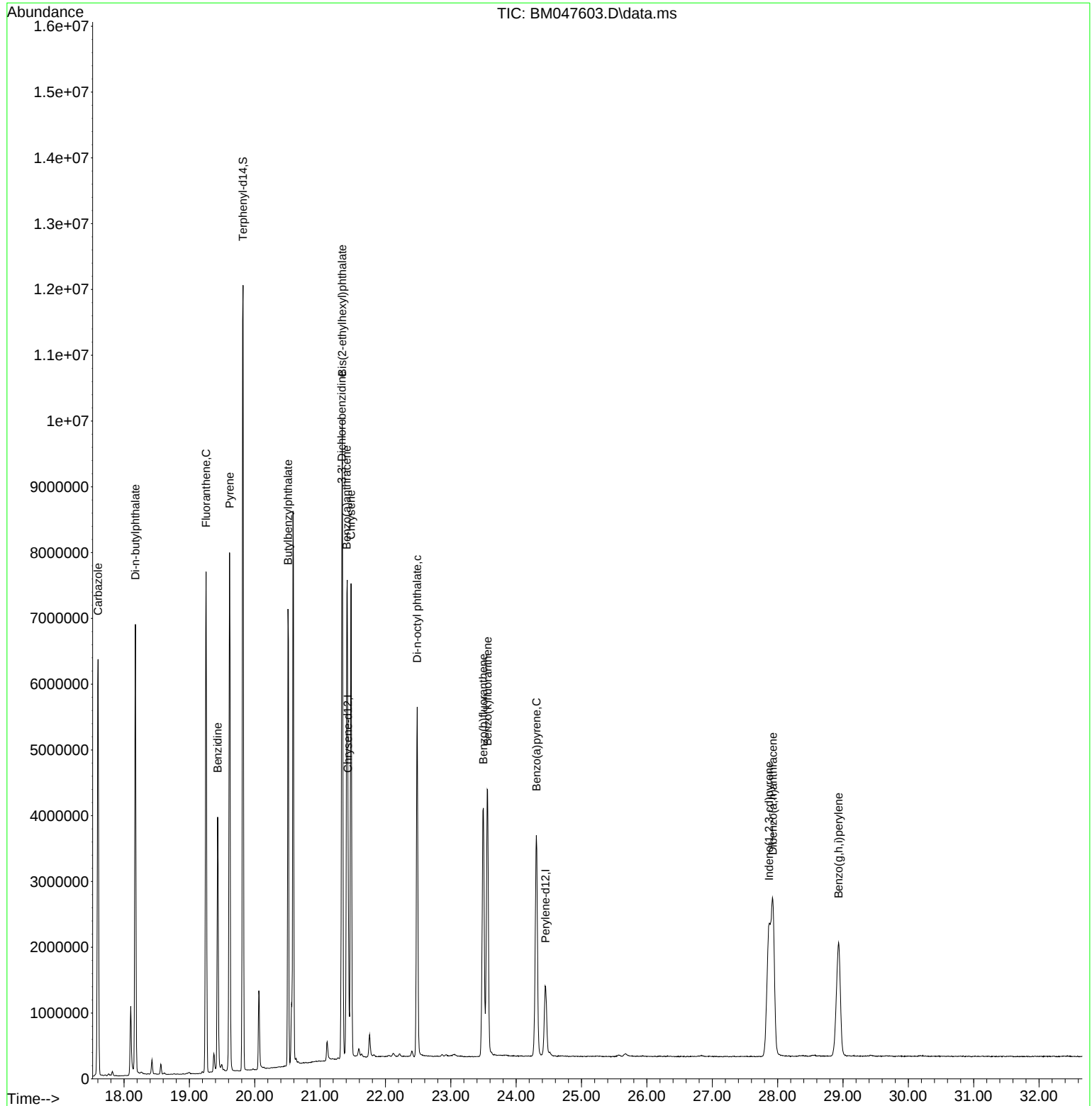
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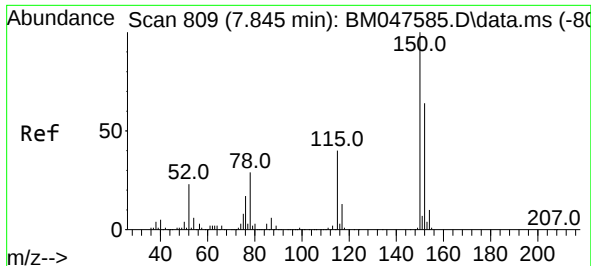


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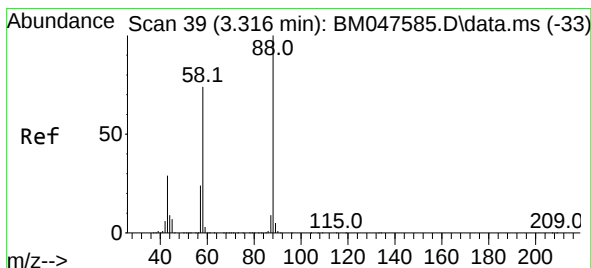
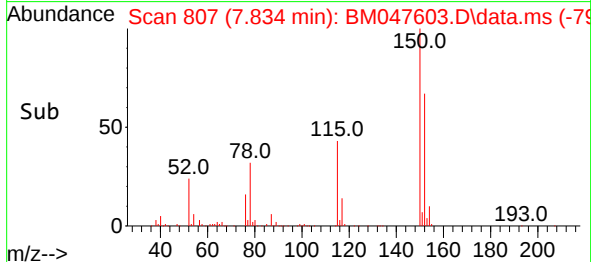
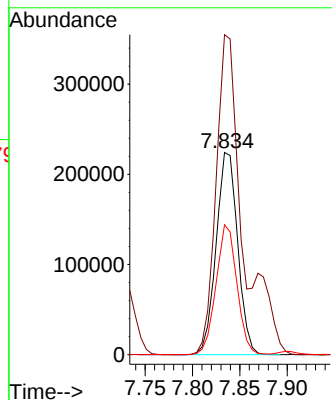
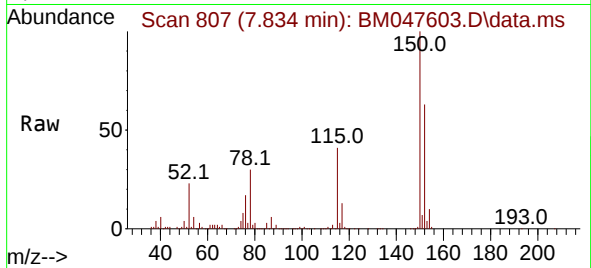




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.834 min Scan# 80
Delta R.T. -0.011 min
Lab File: BM047603.D
Acq: 23 Sep 2024 14:25

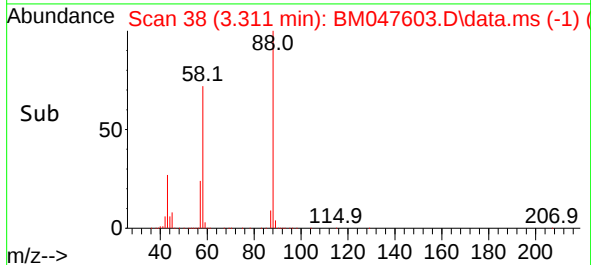
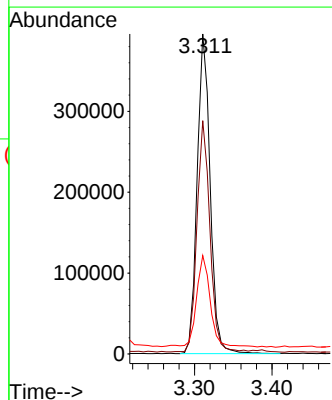
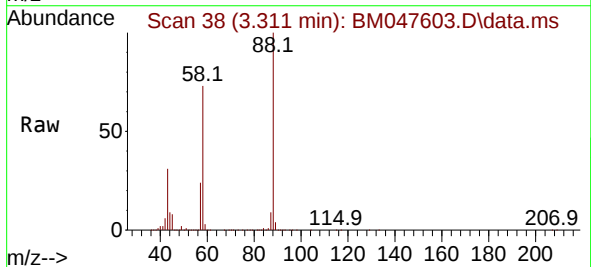
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BNA_M
ClientSampleId :
S1-6MSD

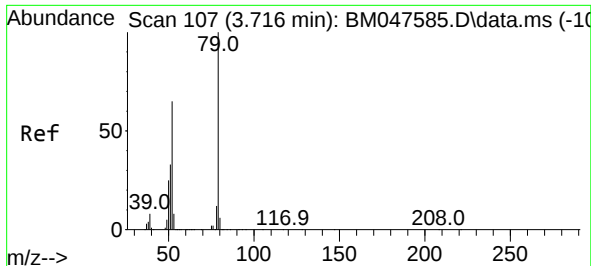
Tgt Ion:152 Resp: 355159
Ion Ratio Lower Upper
152 100
150 158.2 124.5 186.7
115 64.2 49.9 74.9



#2
1,4-Dioxane
Concen: 45.639 ng
RT: 3.311 min Scan# 38
Delta R.T. -0.006 min
Lab File: BM047603.D
Acq: 23 Sep 2024 14:25

Tgt Ion: 88 Resp: 460545
Ion Ratio Lower Upper
88 100
58 72.0 58.0 87.0
43 30.2 23.1 34.7

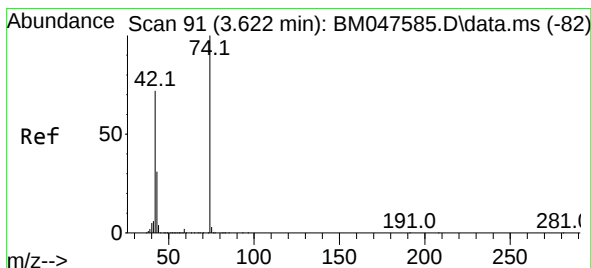
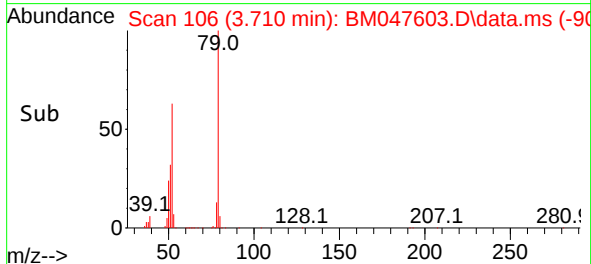
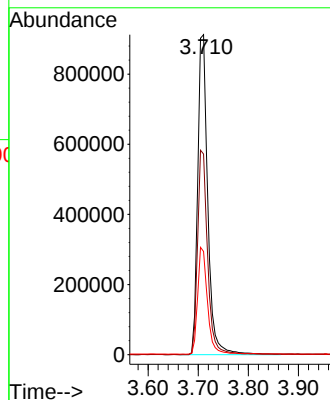
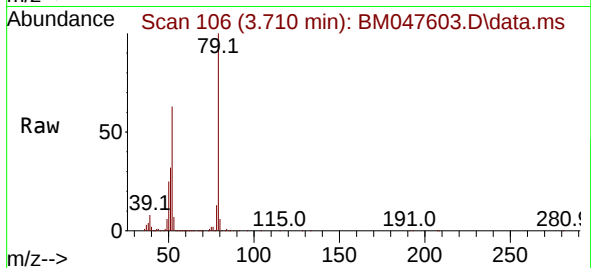




#3
Pyridine
Concen: 45.366 ng
RT: 3.710 min Scan# 10
Delta R.T. -0.006 min
Lab File: BM047603.D
Acq: 23 Sep 2024 14:25

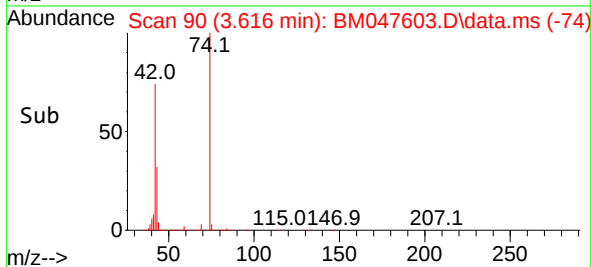
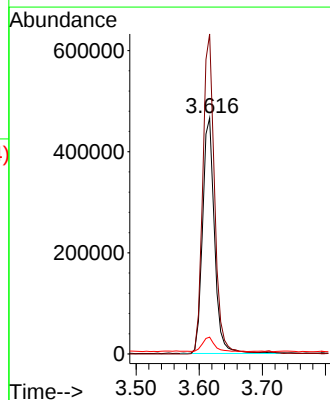
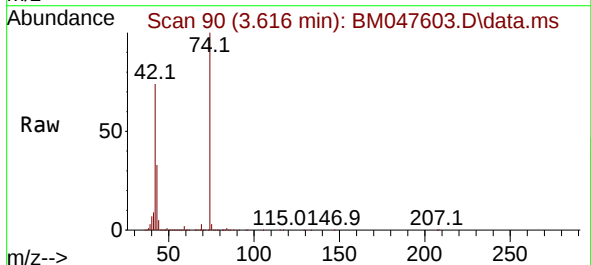
Instrument :
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ClientSampleId :
S1-6MSD

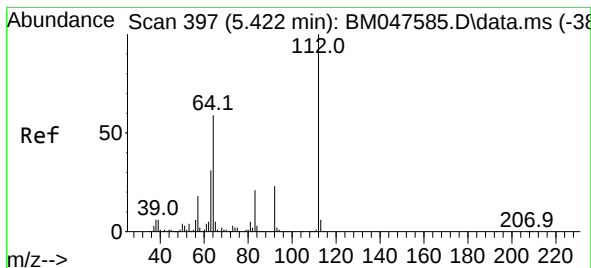
Tgt Ion: 79 Resp: 1269007
Ion Ratio Lower Upper
79 100
52 62.7 52.2 78.2
51 32.2 26.5 39.7



#4
n-Nitrosodimethylamine
Concen: 52.562 ng
RT: 3.616 min Scan# 90
Delta R.T. -0.006 min
Lab File: BM047603.D
Acq: 23 Sep 2024 14:25

Tgt Ion: 42 Resp: 609652
Ion Ratio Lower Upper
42 100
74 135.5 110.8 166.2
44 7.1 6.1 9.1





#5

2-Fluorophenol

Concen: 122.439 ng

RT: 5.410 min Scan# 395

Delta R.T. -0.012 min

Lab File: BM047603.D

Acq: 23 Sep 2024 14:25

Instrument :

BNA_M

ClientSampleId :

S1-6MSD

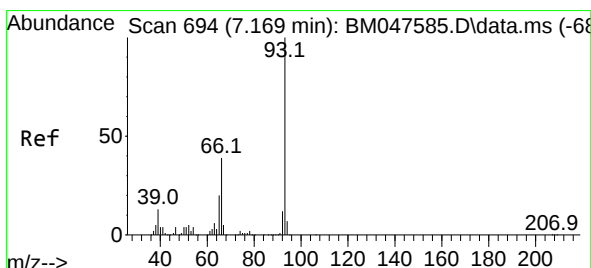
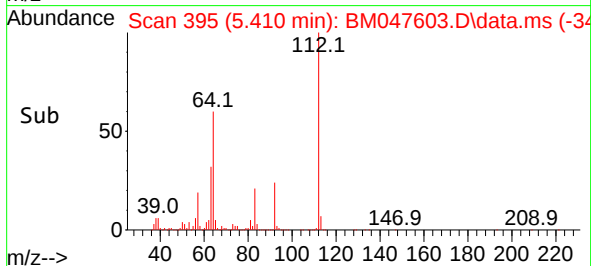
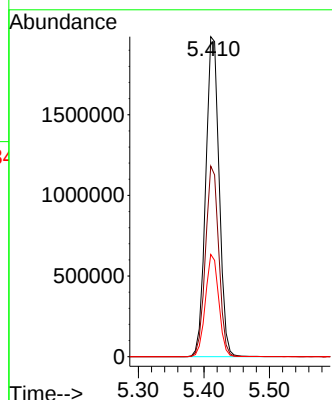
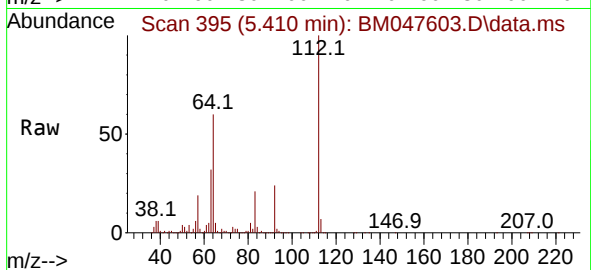
Tgt Ion:112 Resp: 2837643

Ion Ratio Lower Upper

112 100

64 59.6 46.8 70.2

63 32.0 25.2 37.8



#6

Aniline

Concen: 54.117 ng

RT: 7.157 min Scan# 692

Delta R.T. -0.012 min

Lab File: BM047603.D

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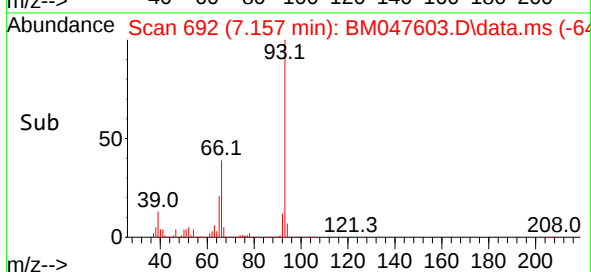
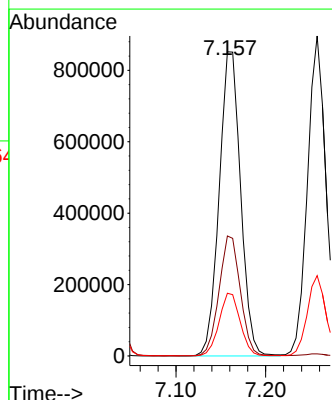
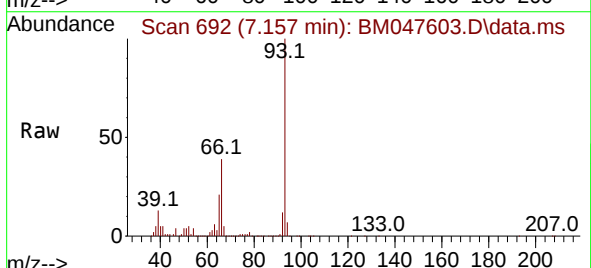
Tgt Ion: 93 Resp: 1415747

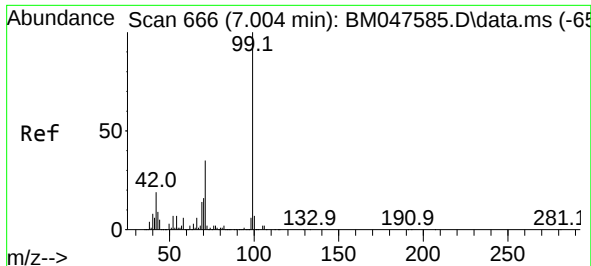
Ion Ratio Lower Upper

93 100

66 39.5 31.4 47.0

65 20.6 16.2 24.2



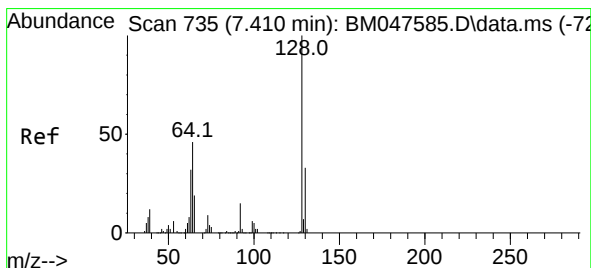
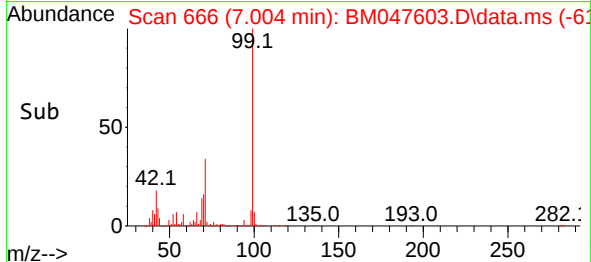
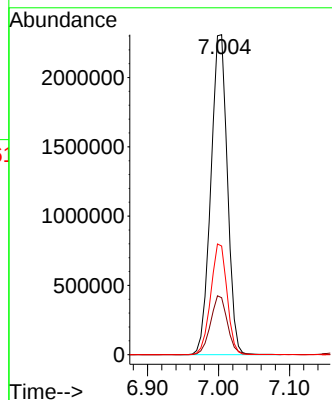
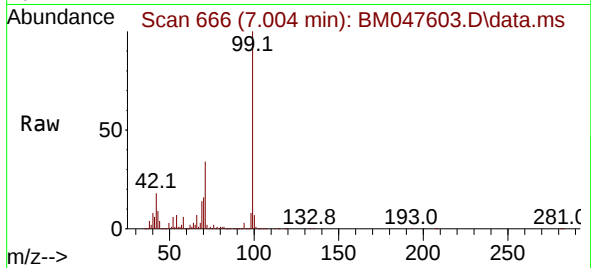


#7
Phenol-d6
Concen: 122.253 ng
RT: 7.004 min Scan# 666
Delta R.T. 0.000 min
Lab File: BM047603.D
Acq: 23 Sep 2024 14:25

Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 3733274

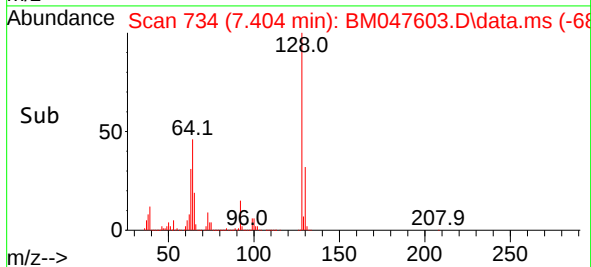
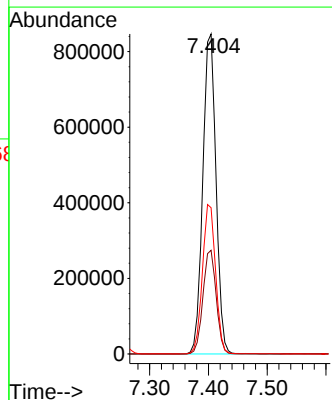
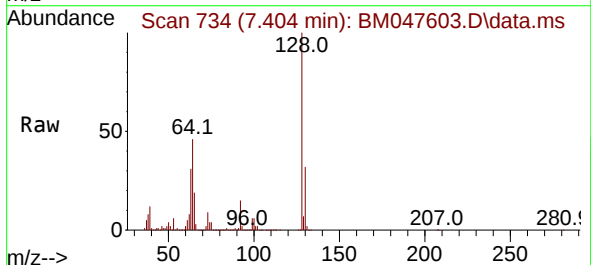
Ion	Ratio	Lower	Upper
99	100		
42	17.8	15.3	22.9
71	33.9	27.8	41.6

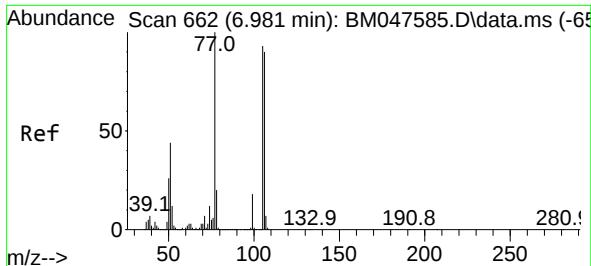


#8
2-Chlorophenol
Concen: 54.407 ng
RT: 7.404 min Scan# 734
Delta R.T. -0.006 min
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Tgt Ion:128 Resp: 1320061

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.6	52.6
64	45.7	27.6	67.6

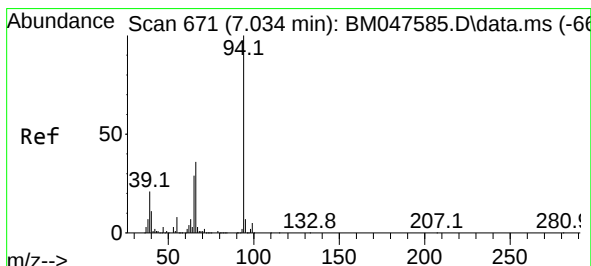
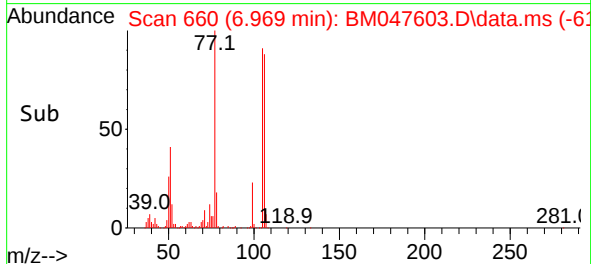
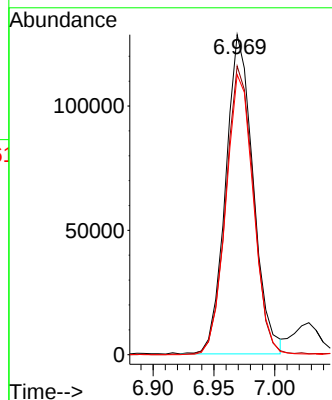
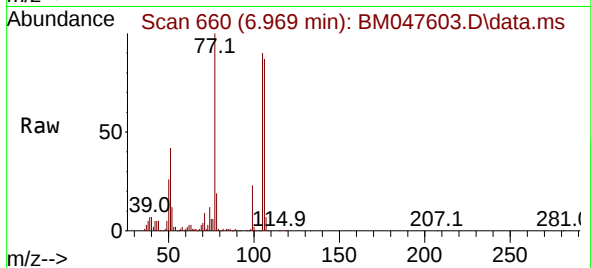




#9
Benzaldehyde
Concen: 12.937 ng
RT: 6.969 min Scan# 609
Delta R.T. -0.012 min
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Acq: 23 Sep 2024 14:25

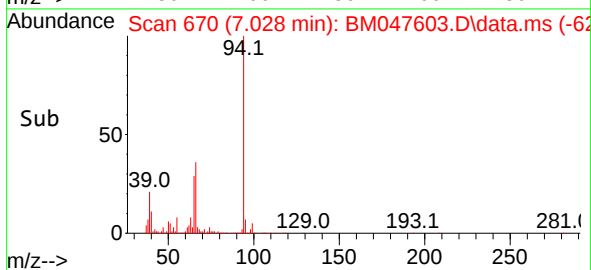
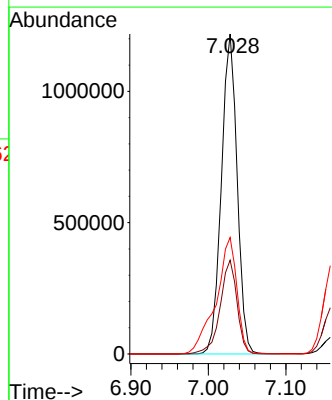
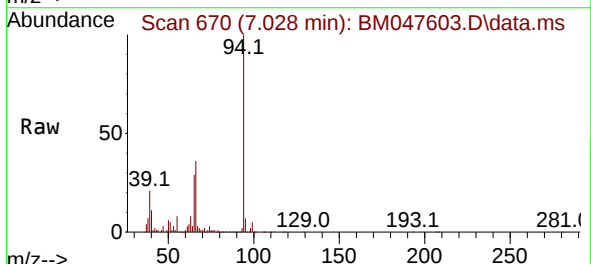
Instrument :
BNA_M
ClientSampleId :
S1-6MSD

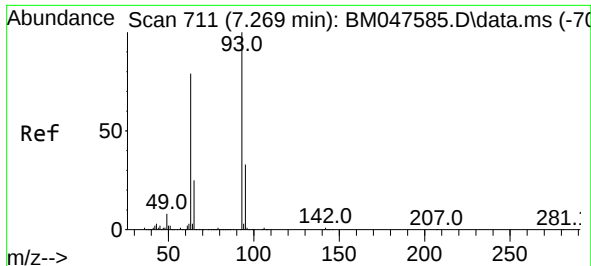
Tgt Ion: 77 Resp: 201603
Ion Ratio Lower Upper
77 100
105 90.2 73.0 113.0
106 87.5 70.3 110.3



#10
Phenol
Concen: 56.821 ng
RT: 7.028 min Scan# 670
Delta R.T. -0.006 min
Lab File: BM047603.D
Acq: 23 Sep 2024 14:25

Tgt Ion: 94 Resp: 1722912
Ion Ratio Lower Upper
94 100
65 29.3 9.1 49.1
66 36.4 16.5 56.5



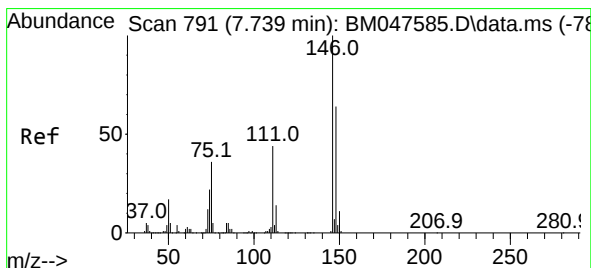
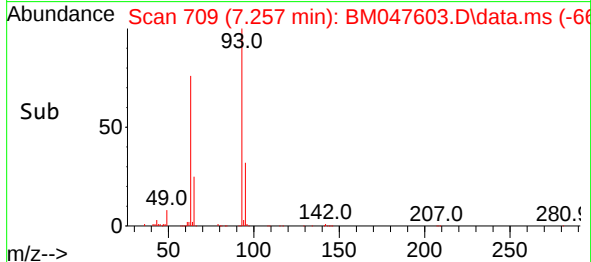
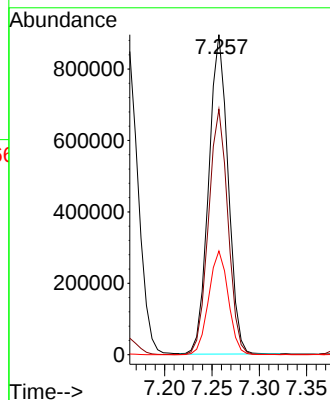
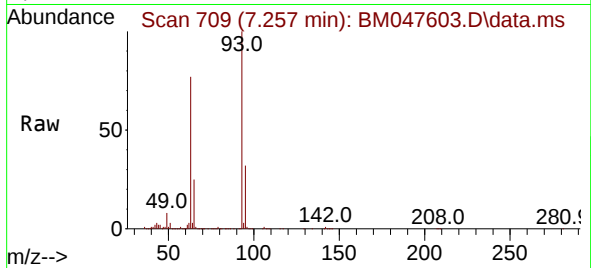


#11
bis(2-Chloroethyl)ether
Concen: 52.193 ng
RT: 7.257 min Scan# 709
Delta R.T. -0.012 min
Lab File: BM047603.D
Acq: 23 Sep 2024 14:25

Instrument :
BNA_M
ClientSampleId :
S1-6MSD

Tgt Ion: 93 Resp: 1271991

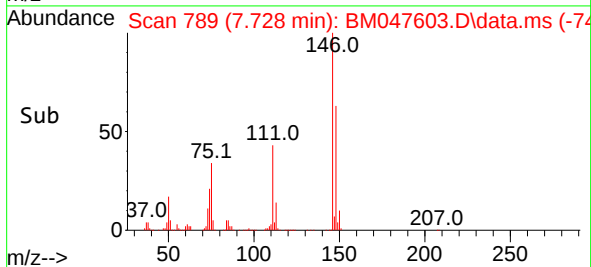
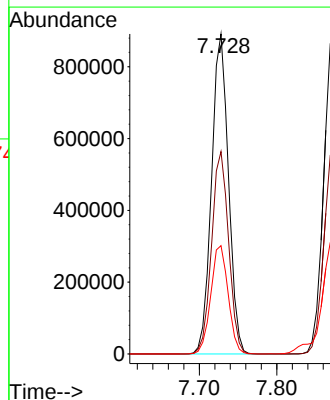
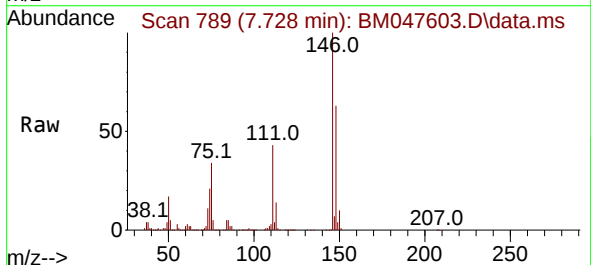
Ion	Ratio	Lower	Upper
93	100		
63	76.7	58.5	98.5
95	32.4	12.9	52.9

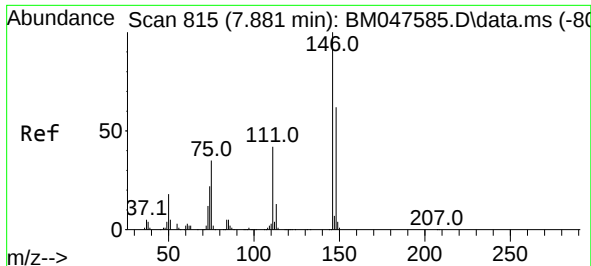


#12
1,3-Dichlorobenzene
Concen: 50.275 ng
RT: 7.728 min Scan# 789
Delta R.T. -0.012 min
Lab File: BM047603.D
Acq: 23 Sep 2024 14:25

Tgt Ion: 146 Resp: 1348967

Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.4	77.2
75	33.8	28.4	42.6





#13

1,4-Dichlorobenzene

Concen: 50.805 ng

RT: 7.875 min Scan# 814

Delta R.T. -0.006 min

Lab File: BM047603.D

Acq: 23 Sep 2024 14:25

Instrument :

BNA_M

ClientSampleId :

S1-6MSD

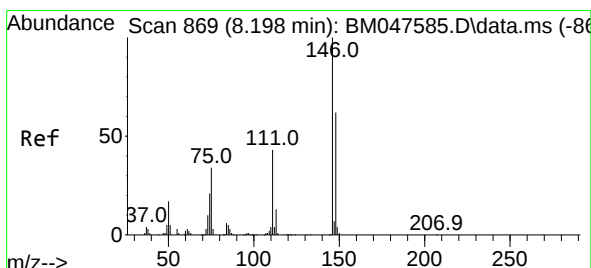
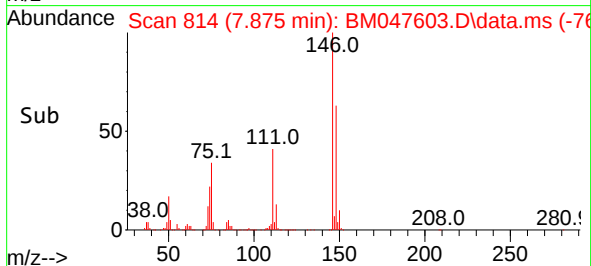
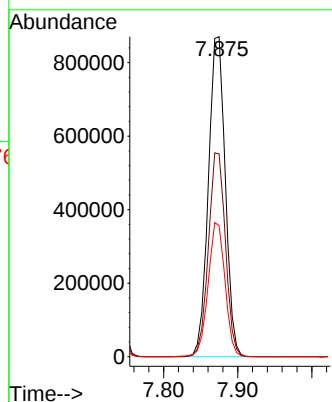
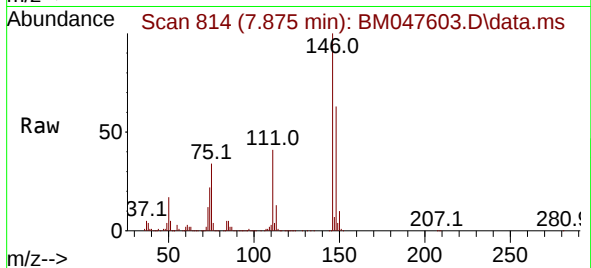
Tgt Ion:146 Resp: 1379311

Ion Ratio Lower Upper

146 100

148 63.4 49.8 74.6

111 41.0 33.3 49.9



#14

1,2-Dichlorobenzene

Concen: 50.126 ng

RT: 8.187 min Scan# 867

Delta R.T. -0.012 min

Lab File: BM047603.D

Acq: 23 Sep 2024 14:25

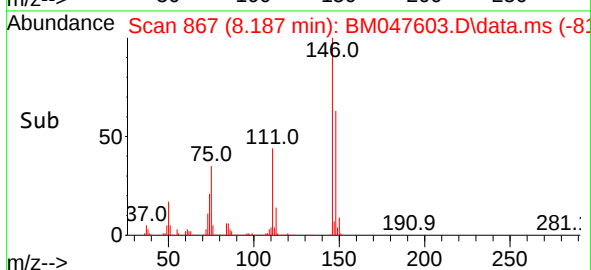
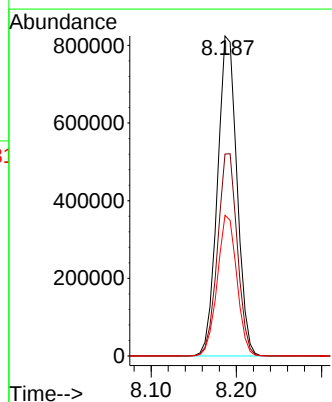
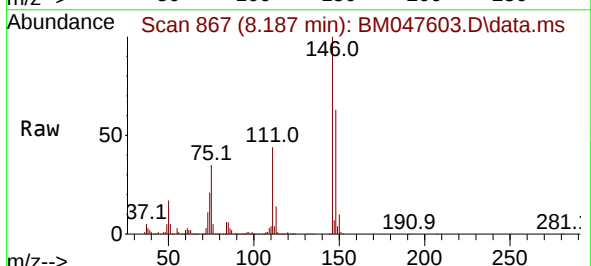
Tgt Ion:146 Resp: 1311759

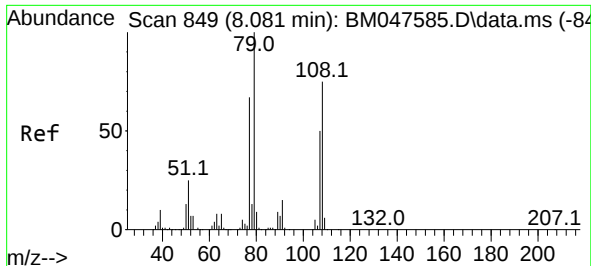
Ion Ratio Lower Upper

146 100

148 63.1 49.7 74.5

111 43.9 34.8 52.2

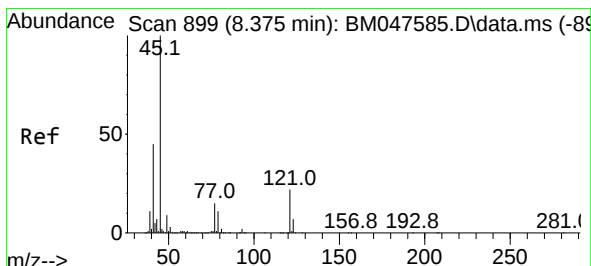
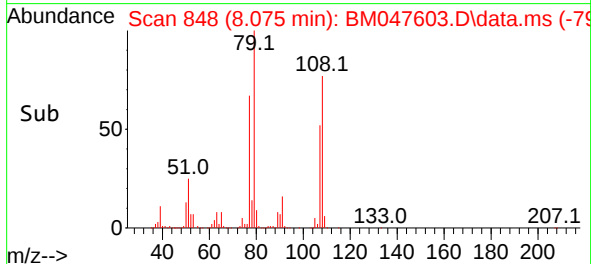
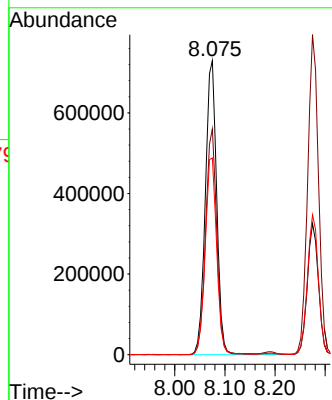
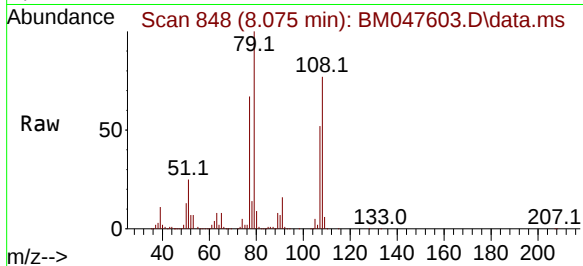




#15
Benzyl Alcohol
Concen: 58.273 ng
RT: 8.075 min Scan# 849
Delta R.T. -0.006 min
Lab File: BM047603.D
Acq: 23 Sep 2024 14:25

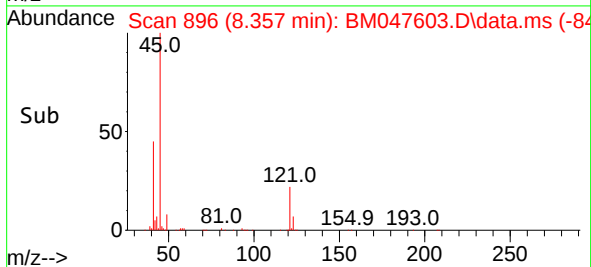
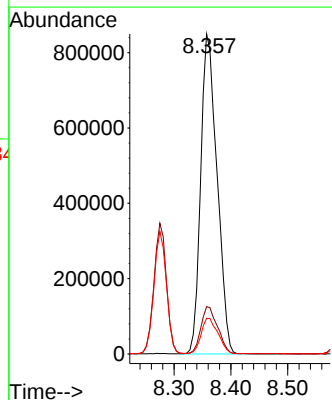
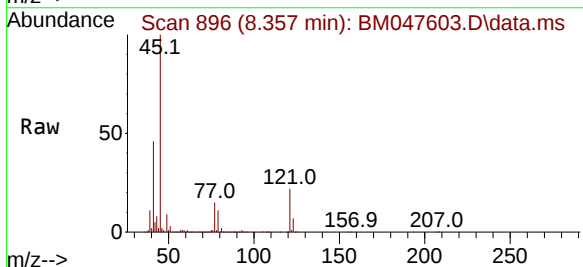
Instrument :
BNA_M
ClientSampleId :
S1-6MSD

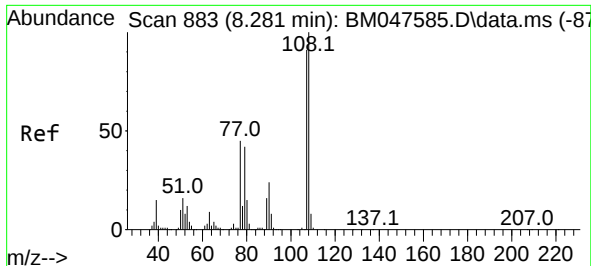
Tgt Ion: 79 Resp: 1148149
Ion Ratio Lower Upper
79 100
108 76.8 60.2 90.2
77 66.8 53.9 80.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 54.663 ng
RT: 8.357 min Scan# 896
Delta R.T. -0.017 min
Lab File: BM047603.D
Acq: 23 Sep 2024 14:25

Tgt Ion: 45 Resp: 1698080
Ion Ratio Lower Upper
45 100
77 14.8 0.0 35.5
79 11.1 0.0 31.6



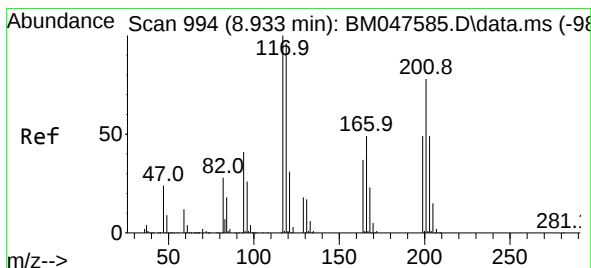
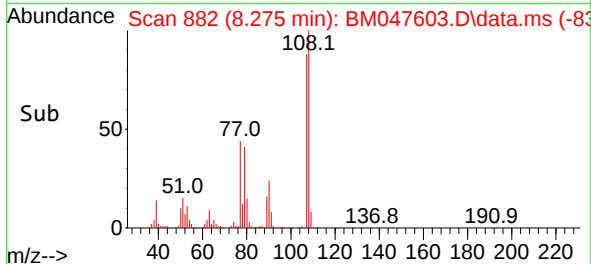
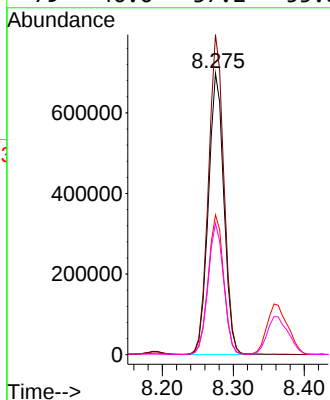
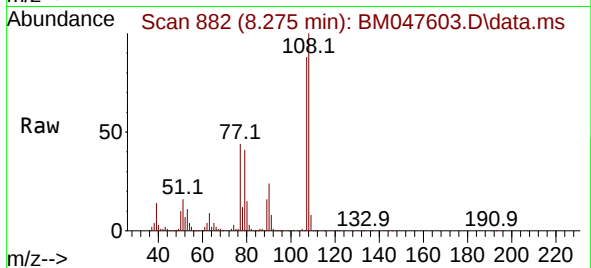


#17
2-Methylphenol
Concen: 55.584 ng
RT: 8.275 min Scan# 883
Delta R.T. -0.006 min
Lab File: BM047603.D
Acq: 23 Sep 2024 14:25

Instrument :
BNA_M
ClientSampleId :
S1-6MSD

Tgt Ion:107 Resp: 1059273

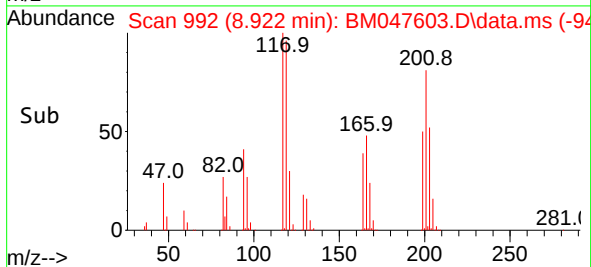
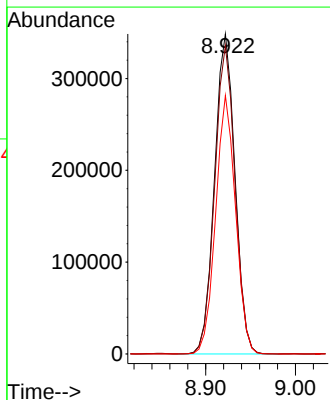
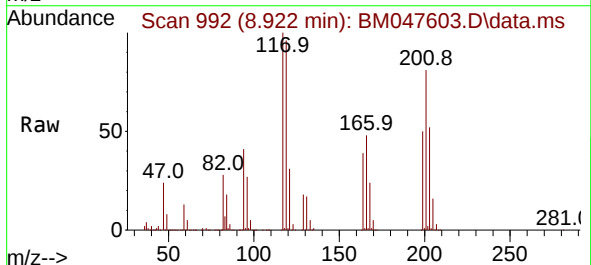
Ion	Ratio	Lower	Upper
107	100		
108	113.7	87.8	131.6
77	49.7	39.6	59.4
79	46.6	37.2	55.8

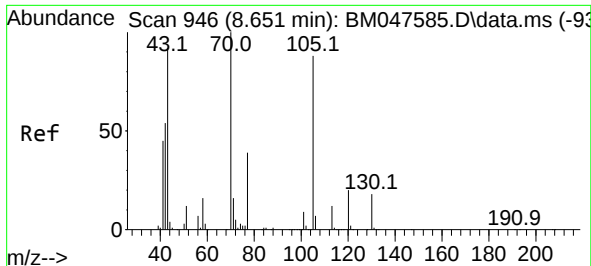


#18
Hexachloroethane
Concen: 50.119 ng
RT: 8.922 min Scan# 992
Delta R.T. -0.012 min
Lab File: BM047603.D
Acq: 23 Sep 2024 14:25

Tgt Ion:117 Resp: 551799

Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.2	115.8
201	80.8	62.3	93.5

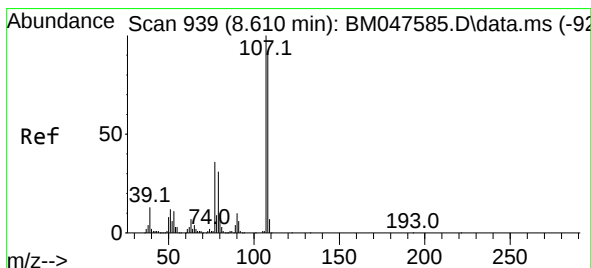
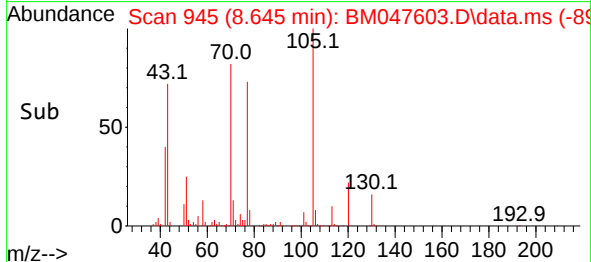
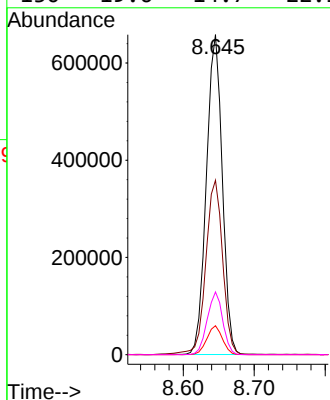
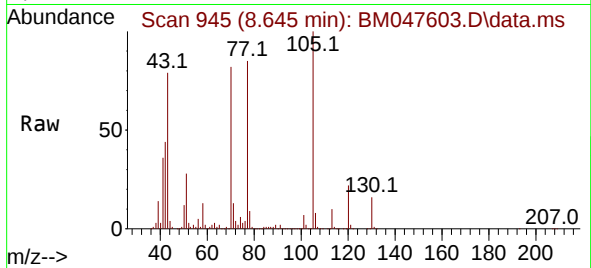




#19
n-Nitroso-di-n-propylamine
Concen: 54.826 ng
RT: 8.645 min Scan# 946
Delta R.T. -0.006 min
Lab File: BM047603.D
Acq: 23 Sep 2024 14:25

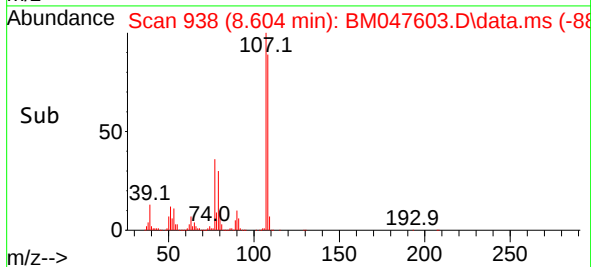
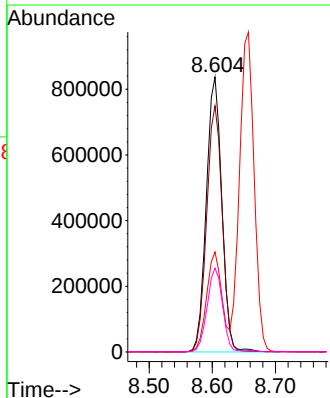
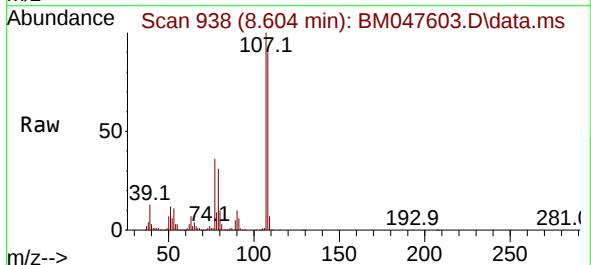
Instrument :
BNA_M
ClientSampleId :
S1-6MSD

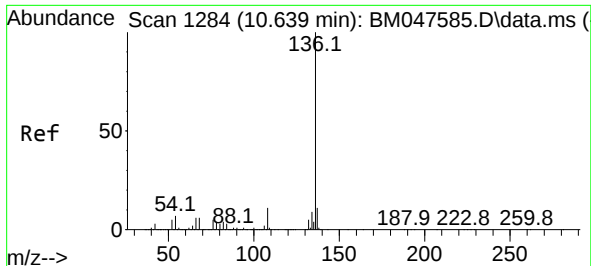
Tgt Ion: 70 Resp: 1025534
Ion Ratio Lower Upper
70 100
42 54.5 44.2 66.2
101 9.1 7.0 10.4
130 19.6 14.7 22.1



#20
3+4-Methylphenols
Concen: 55.135 ng
RT: 8.604 min Scan# 938
Delta R.T. -0.006 min
Lab File: BM047603.D
Acq: 23 Sep 2024 14:25

Tgt Ion:107 Resp: 1431138
Ion Ratio Lower Upper
107 100
108 89.5 71.8 111.8
77 36.4 16.1 56.1
79 30.5 11.5 51.5

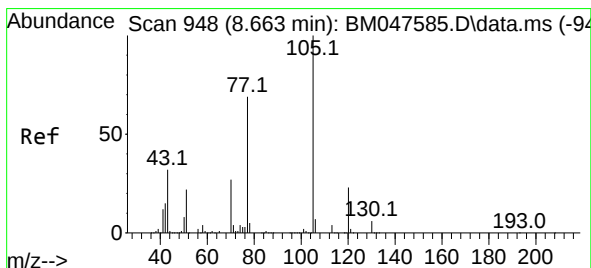
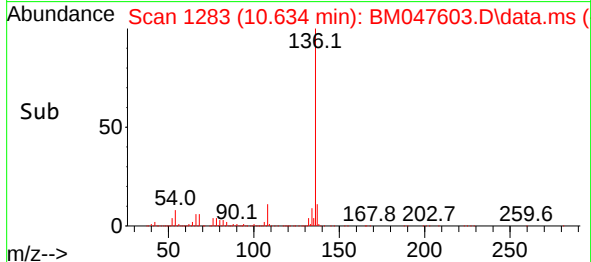
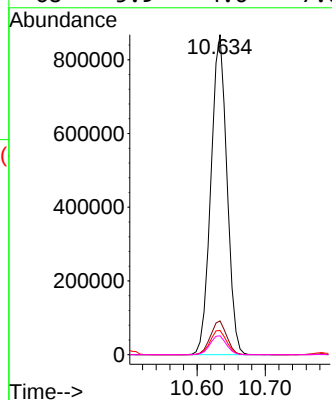
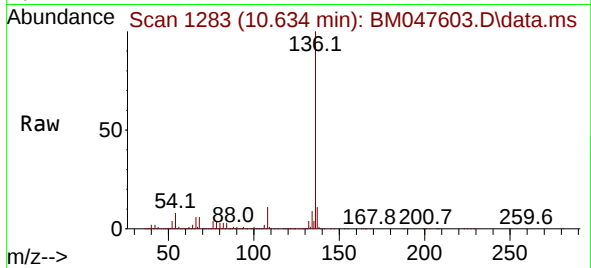




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.634 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047603.D
Acq: 23 Sep 2024 14:25

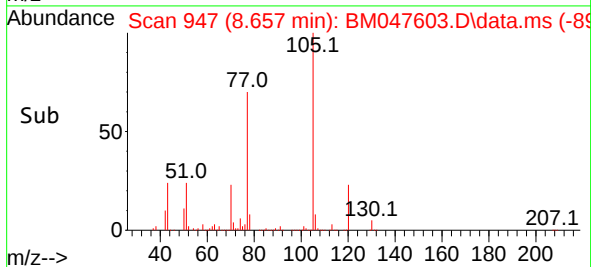
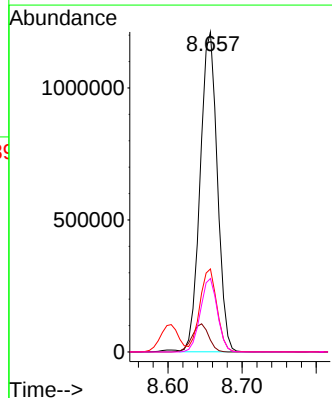
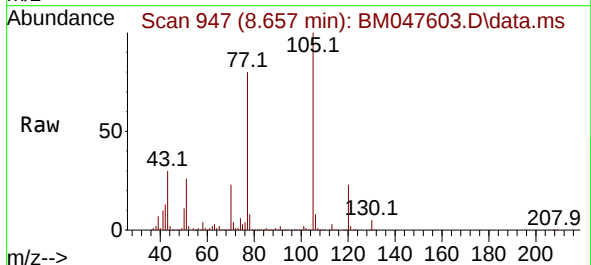
Instrument :
BNA_M
ClientSampleId :
S1-6MSD

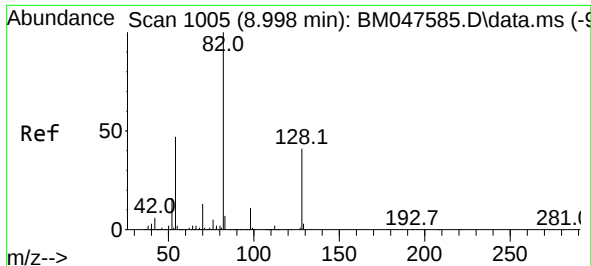
Tgt Ion:136 Resp: 1418426
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.4
54 7.5 6.0 9.0
68 5.9 4.6 7.0



#22
Acetophenone
Concen: 52.563 ng
RT: 8.657 min Scan# 947
Delta R.T. -0.006 min
Lab File: BM047603.D
Acq: 23 Sep 2024 14:25

Tgt Ion:105 Resp: 1942430
Ion Ratio Lower Upper
105 100
71 3.7 3.4 5.2
51 26.0 21.4 32.2
120 22.9 18.2 27.2

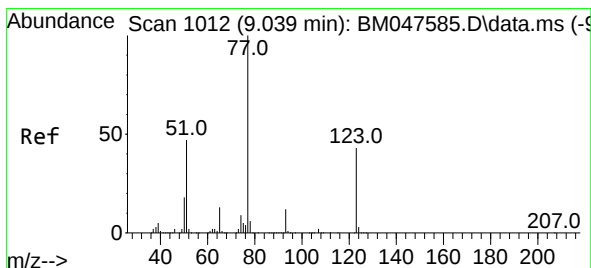
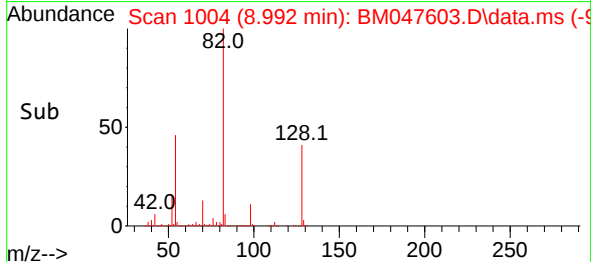
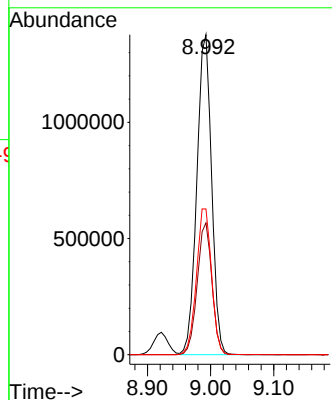
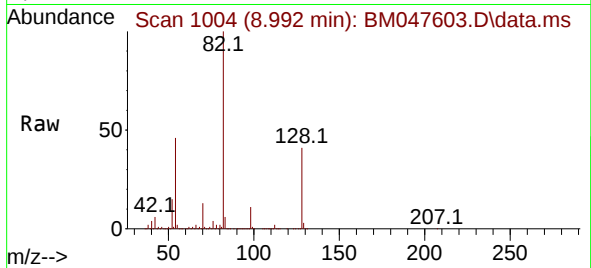




#23
Nitrobenzene-d5
Concen: 78.261 ng
RT: 8.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BM047603.D
Acq: 23 Sep 2024 14:25

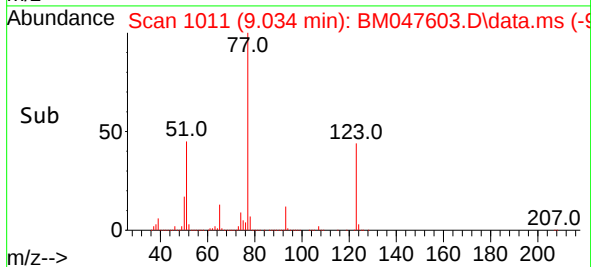
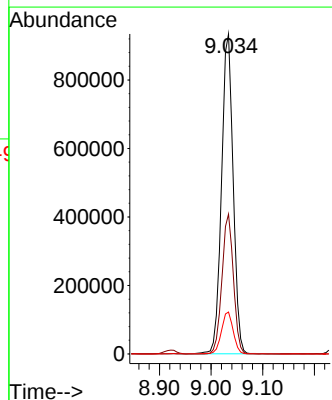
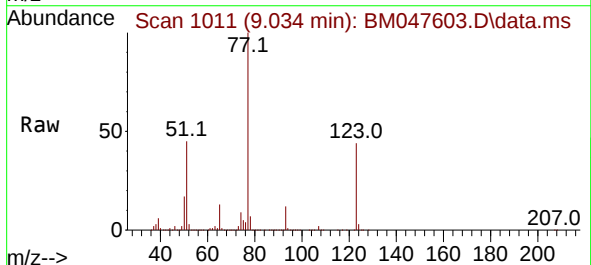
Instrument :
BNA_M
ClientSampleId :
S1-6MSD

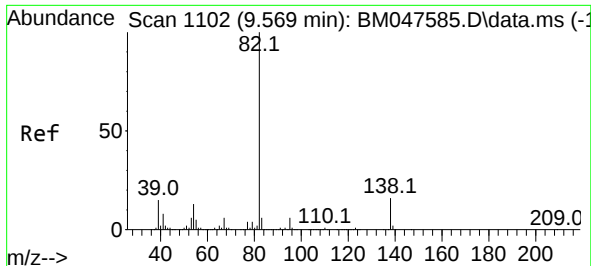
Tgt Ion: 82 Resp: 2229949
Ion Ratio Lower Upper
82 100
128 41.2 32.5 48.7
54 45.5 37.5 56.3



#24
Nitrobenzene
Concen: 49.502 ng
RT: 9.034 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BM047603.D
Acq: 23 Sep 2024 14:25

Tgt Ion: 77 Resp: 1456847
Ion Ratio Lower Upper
77 100
123 43.7 34.1 51.1
65 13.1 10.7 16.1

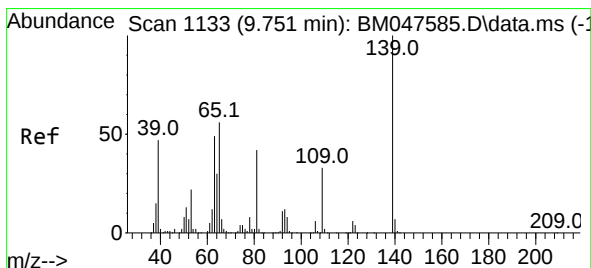
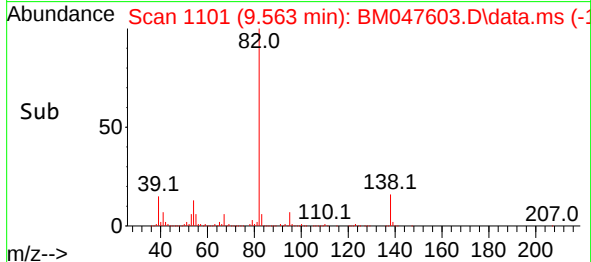
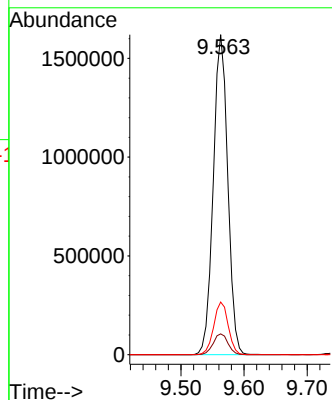
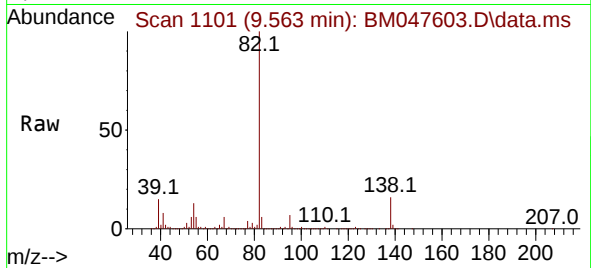




#25
Isophorone
Concen: 54.094 ng
RT: 9.563 min Scan# 1101
Delta R.T. -0.006 min
Lab File: BM047603.D
Acq: 23 Sep 2024 14:25

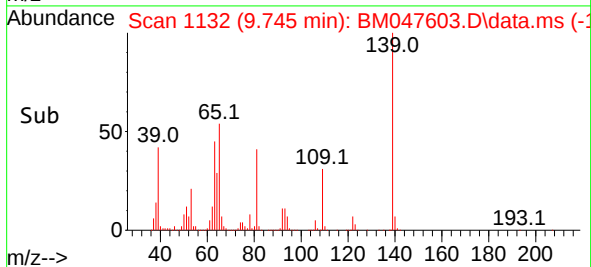
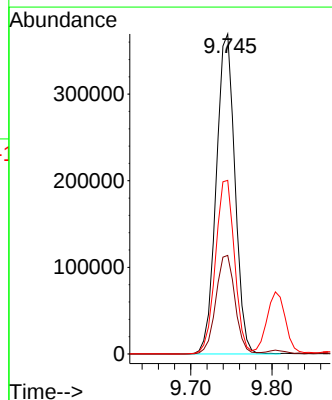
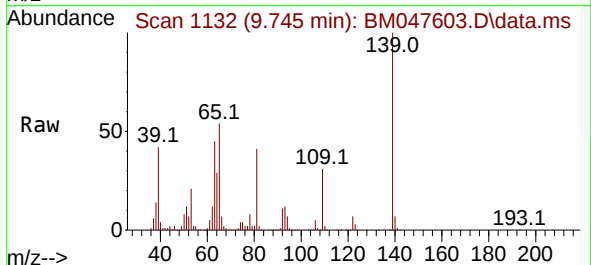
Instrument :
BNA_M
ClientSampleId :
S1-6MSD

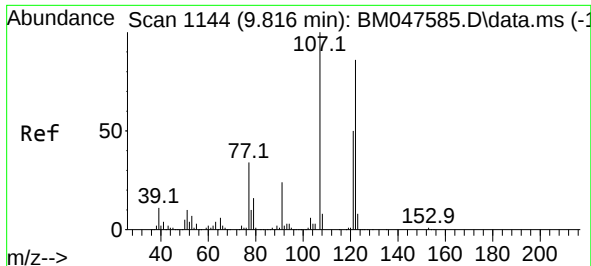
Tgt Ion: 82 Resp: 2575839
Ion Ratio Lower Upper
82 100
95 6.5 5.0 7.6
138 16.4 12.9 19.3



#26
2-Nitrophenol
Concen: 57.114 ng
RT: 9.745 min Scan# 1132
Delta R.T. -0.006 min
Lab File: BM047603.D
Acq: 23 Sep 2024 14:25

Tgt Ion: 139 Resp: 590993
Ion Ratio Lower Upper
139 100
109 30.8 26.1 39.1
65 54.3 44.7 67.1





#27

2,4-Dimethylphenol

Concen: 68.265 ng

RT: 9.804 min Scan# 1144

Delta R.T. -0.012 min

Lab File: BM047603.D

Acq: 23 Sep 2024 14:25

Instrument :

BNA_M

ClientSampleId :

S1-6MSD

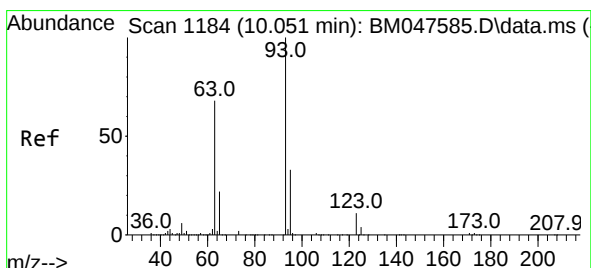
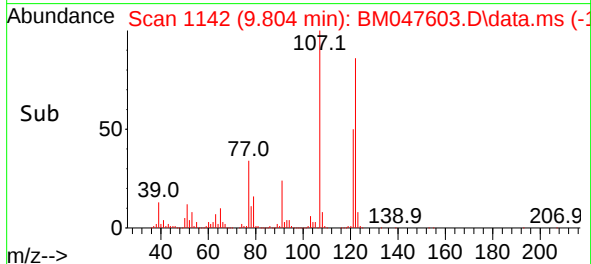
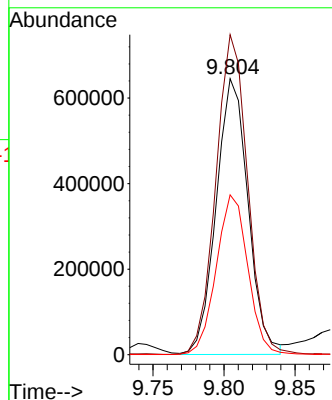
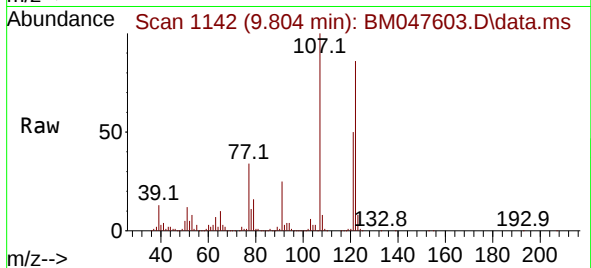
Tgt Ion:122 Resp: 1006873

Ion Ratio Lower Upper

122 100

107 116.0 92.2 138.2

121 57.9 45.8 68.6



#28

bis(2-Chloroethoxy)methane

Concen: 52.685 ng

RT: 10.039 min Scan# 1182

Delta R.T. -0.012 min

Lab File: BM047603.D

Acq: 23 Sep 2024 14:25

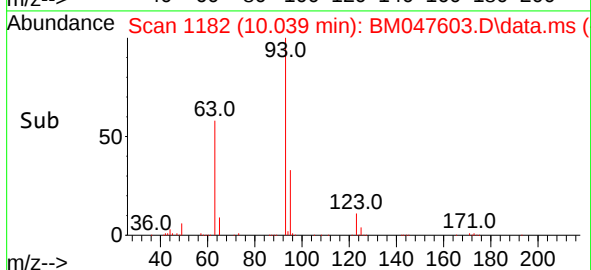
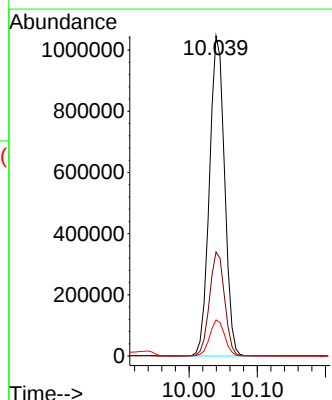
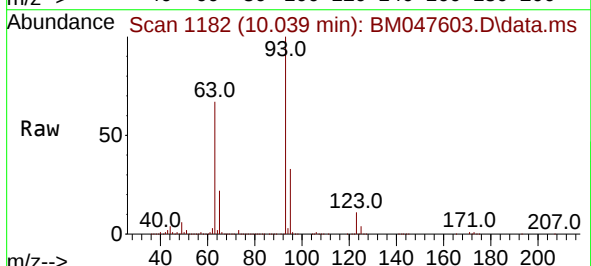
Tgt Ion: 93 Resp: 1613936

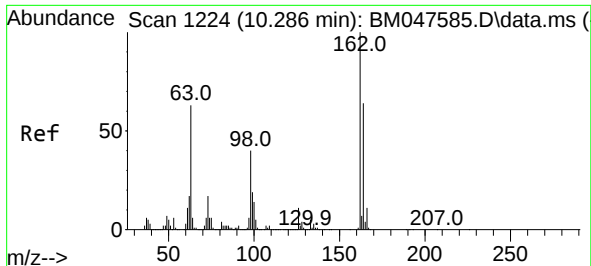
Ion Ratio Lower Upper

93 100

95 32.5 26.2 39.4

123 11.3 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 56.426 ng

RT: 10.281 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047603.D

Acq: 23 Sep 2024 14:25

Instrument :

BNA_M

ClientSampleId :

S1-6MSD

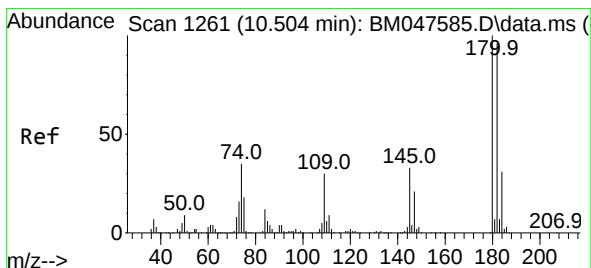
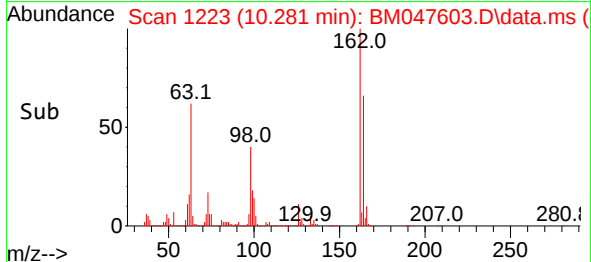
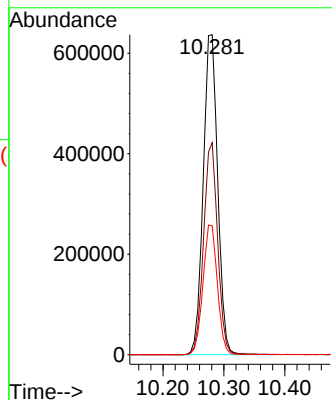
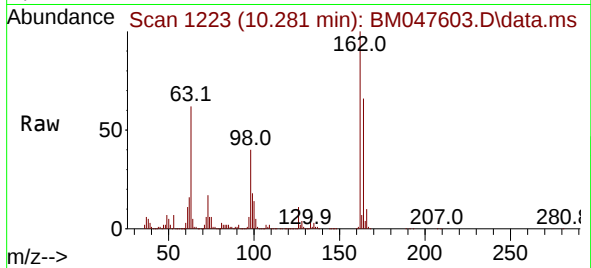
Tgt Ion:162 Resp: 1052108

Ion Ratio Lower Upper

162 100

164 66.2 43.9 83.9

98 40.3 20.3 60.3



#30

1,2,4-Trichlorobenzene

Concen: 49.453 ng

RT: 10.492 min Scan# 1259

Delta R.T. -0.012 min

Lab File: BM047603.D

Acq: 23 Sep 2024 14:25

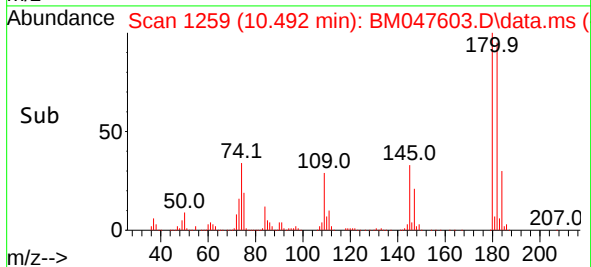
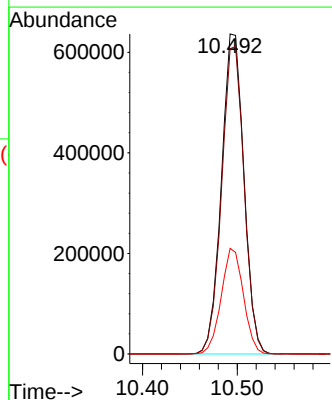
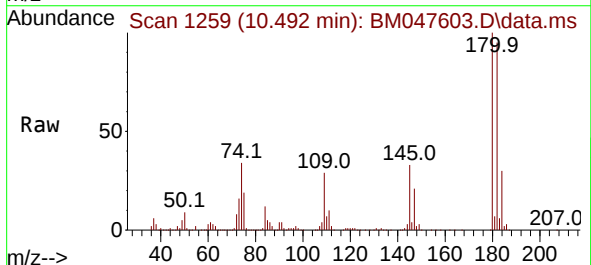
Tgt Ion:180 Resp: 1050974

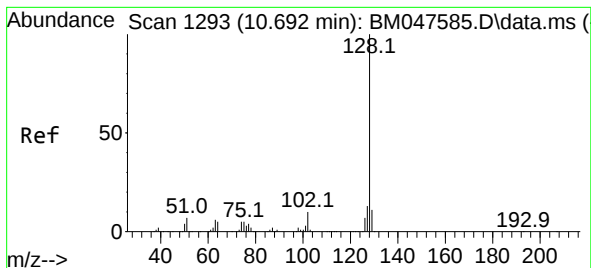
Ion Ratio Lower Upper

180 100

182 95.4 76.6 115.0

145 33.0 26.2 39.2

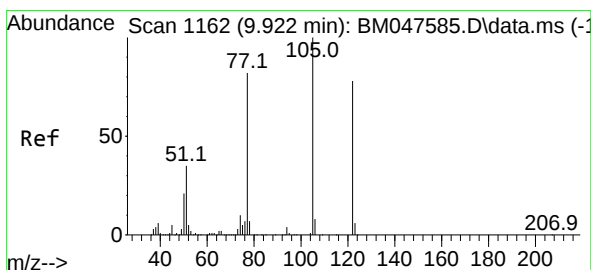
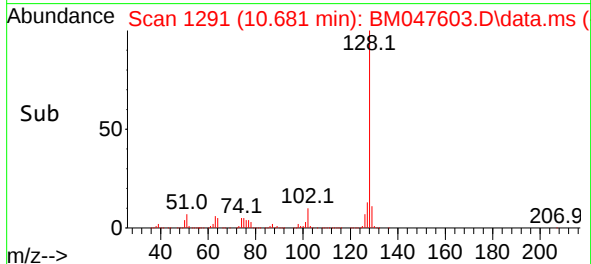
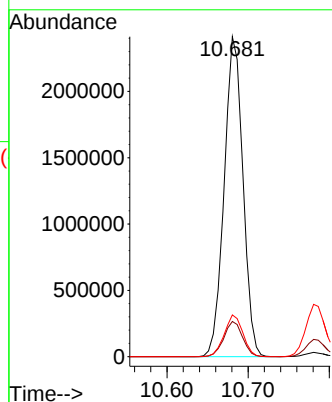
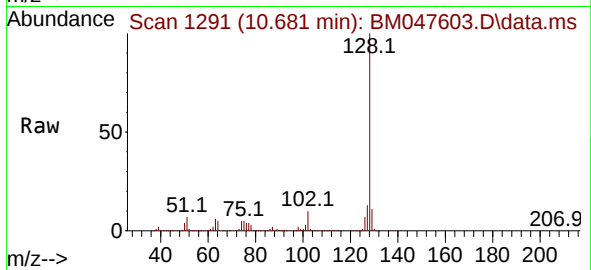




#31
Naphthalene
Concen: 51.735 ng
RT: 10.681 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BM047603.D
Acq: 23 Sep 2024 14:25

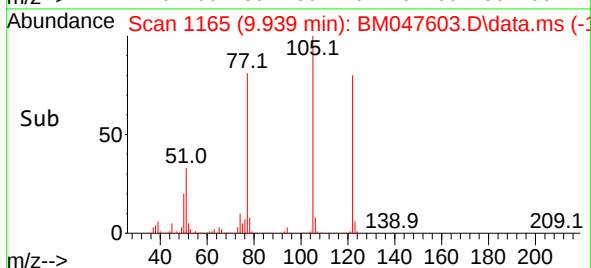
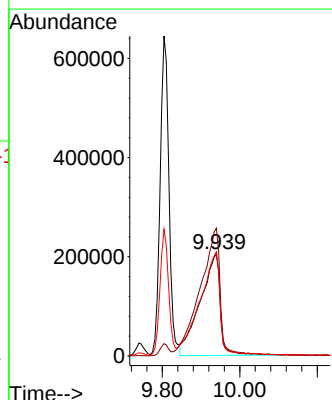
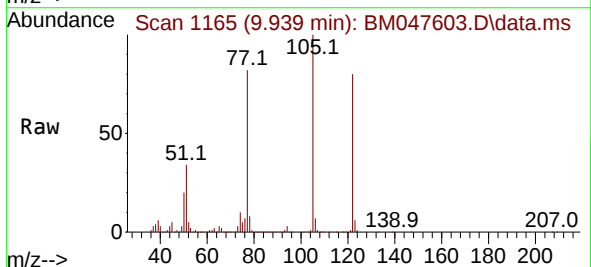
Instrument :
BNA_M
ClientSampleId :
S1-6MSD

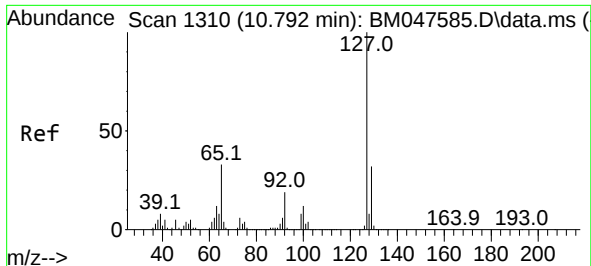
Tgt Ion:128 Resp: 3882377
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.1 10.3 15.5



#32
Benzoic acid
Concen: 53.789 ng
RT: 9.939 min Scan# 1165
Delta R.T. 0.018 min
Lab File: BM047603.D
Acq: 23 Sep 2024 14:25

Tgt Ion:122 Resp: 739564
Ion Ratio Lower Upper
122 100
105 125.5 103.1 143.1
77 102.3 82.4 122.4

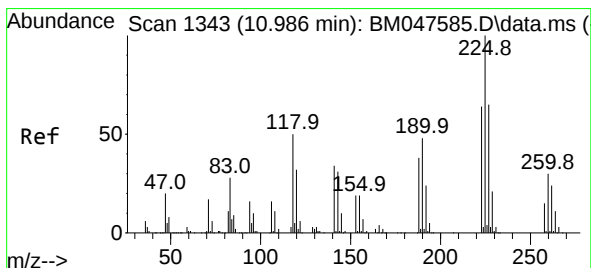
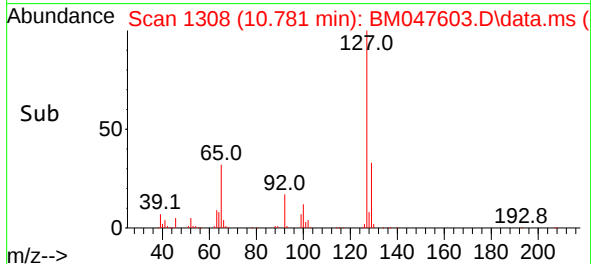
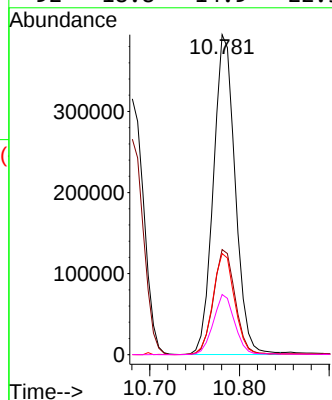
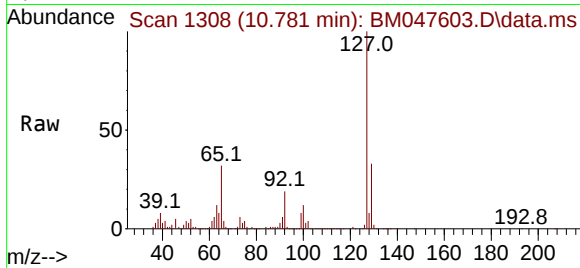




#33
4-Chloroaniline
Concen: 25.188 ng
RT: 10.781 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM047603.D
Acq: 23 Sep 2024 14:25

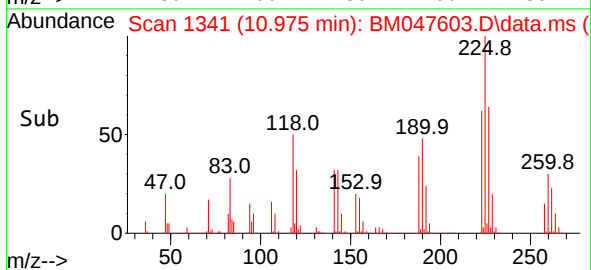
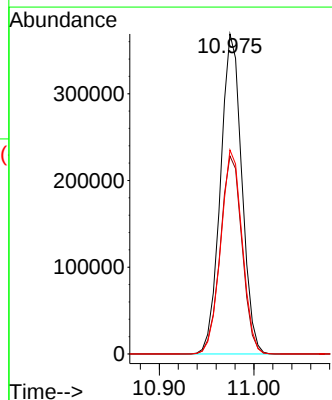
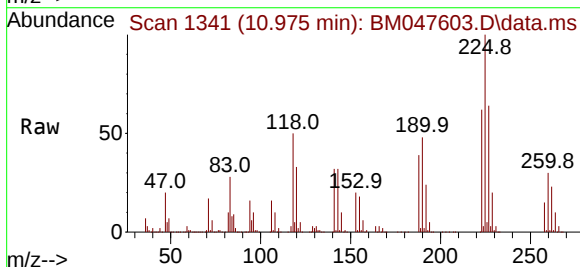
Instrument :
BNA_M
ClientSampleId :
S1-6MSD

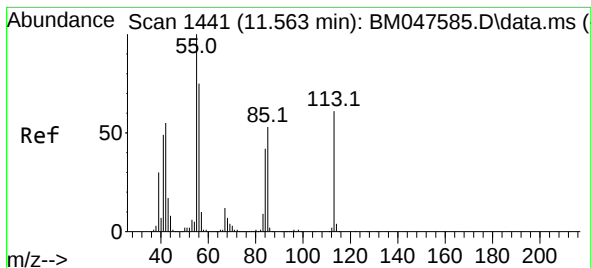
Tgt Ion:127	Resp: 666393
Ion Ratio	Lower Upper
127 100	
129 32.9	25.6 38.4
65 31.6	26.1 39.1
92 18.8	14.9 22.3



#34
Hexachlorobutadiene
Concen: 49.890 ng
RT: 10.975 min Scan# 1341
Delta R.T. -0.012 min
Lab File: BM047603.D
Acq: 23 Sep 2024 14:25

Tgt Ion:225	Resp: 576997
Ion Ratio	Lower Upper
225 100	
223 61.9	51.4 77.0
227 63.8	52.1 78.1

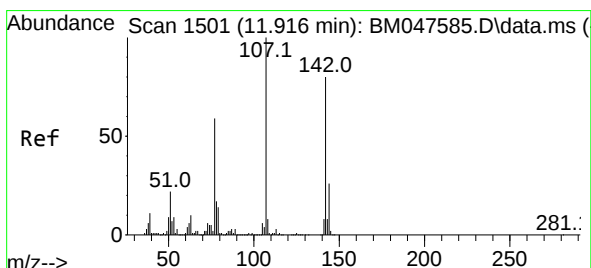
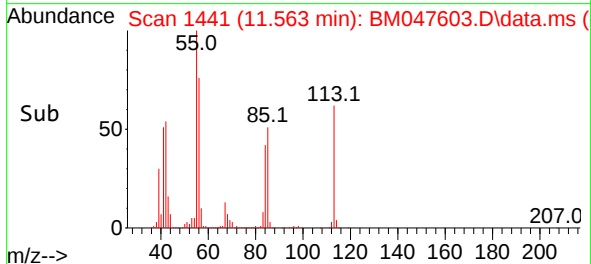
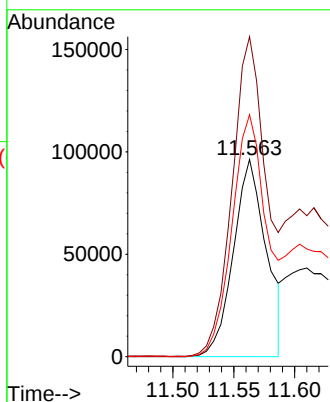
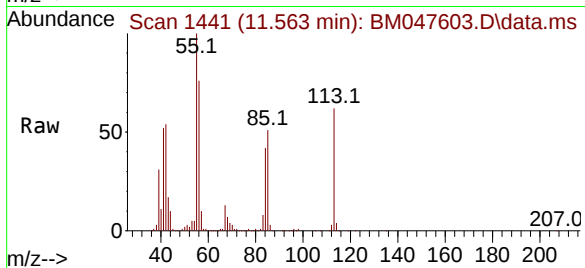




#35
Caprolactam
Concen: 28.052 ng
RT: 11.563 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BM047603.D
Acq: 23 Sep 2024 14:25

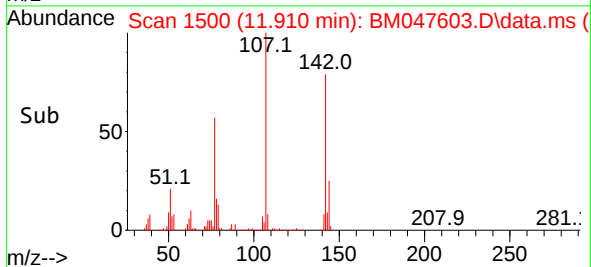
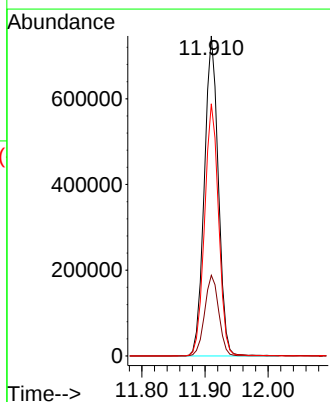
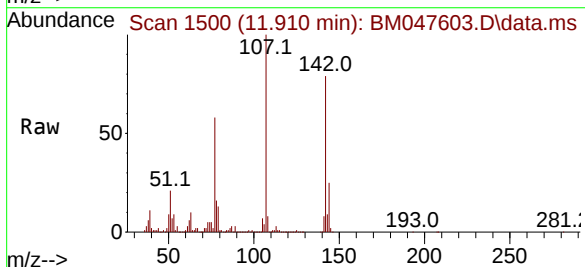
Instrument :
BNA_M
ClientSampleId :
S1-6MSD

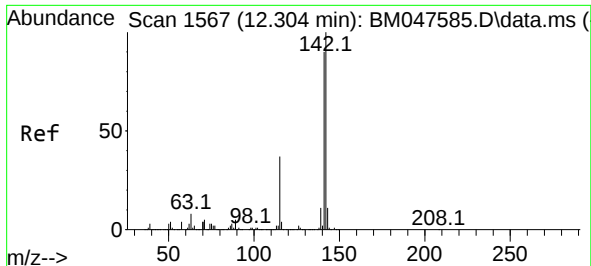
Tgt Ion:113 Resp: 180796
Ion Ratio Lower Upper
113 100
55 162.2 145.5 185.5
56 122.7 103.9 143.9



#36
4-Chloro-3-methylphenol
Concen: 54.108 ng
RT: 11.910 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BM047603.D
Acq: 23 Sep 2024 14:25

Tgt Ion:107 Resp: 1151095
Ion Ratio Lower Upper
107 100
144 25.2 20.7 31.1
142 78.8 63.9 95.9

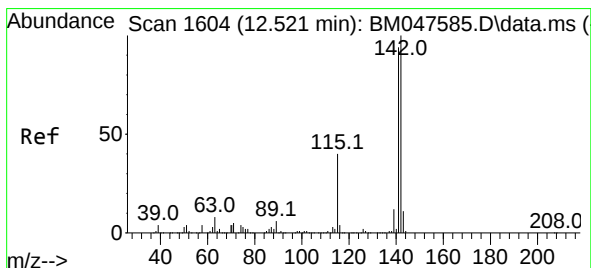
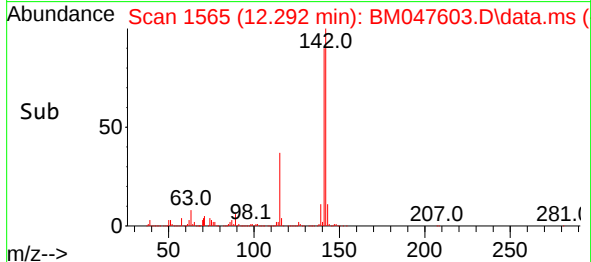
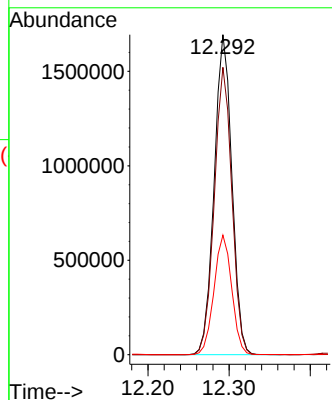
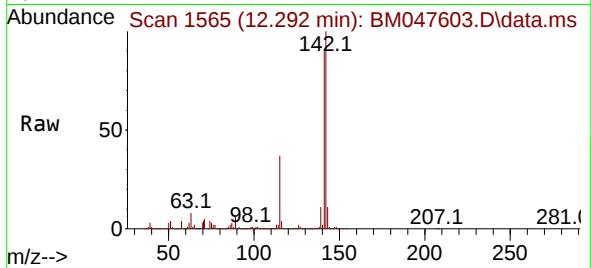




#37
2-Methylnaphthalene
Concen: 54.416 ng
RT: 12.292 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM047603.D
Acq: 23 Sep 2024 14:25

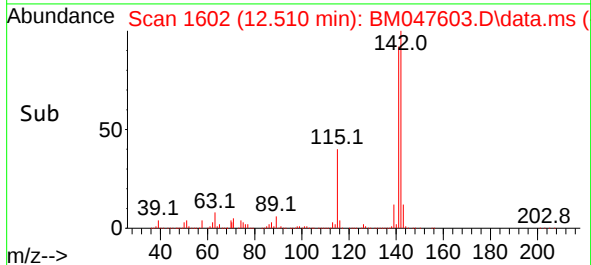
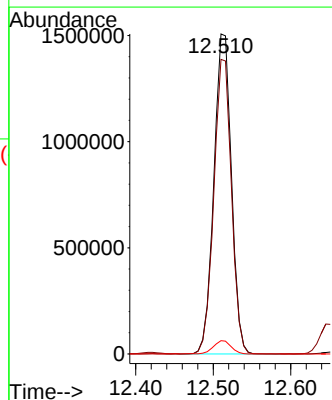
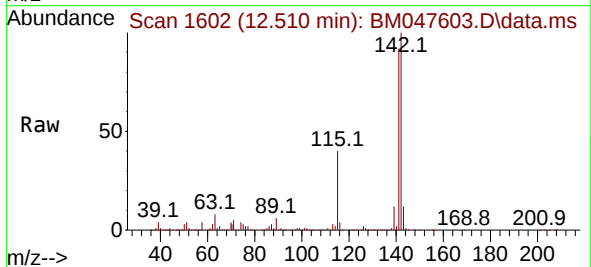
Instrument :
BNA_M
ClientSampleId :
S1-6MSD

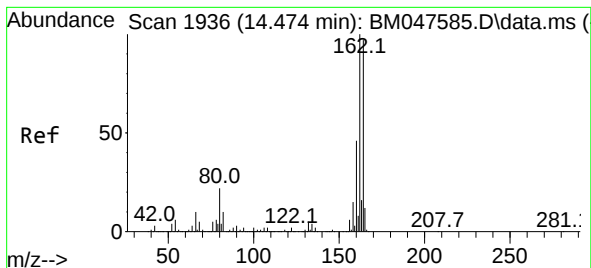
Tgt Ion:142 Resp: 2565550
Ion Ratio Lower Upper
142 100
141 89.8 71.7 107.5
115 37.4 29.5 44.3



#38
1-Methylnaphthalene
Concen: 50.677 ng
RT: 12.510 min Scan# 1602
Delta R.T. -0.012 min
Lab File: BM047603.D
Acq: 23 Sep 2024 14:25

Tgt Ion:142 Resp: 2370238
Ion Ratio Lower Upper
142 100
141 92.1 75.3 112.9
116 4.1 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.469 min Scan# 1936

Delta R.T. -0.005 min

Lab File: BM047603.D

Acq: 23 Sep 2024 14:25

Instrument :

BNA_M

ClientSampleId :

S1-6MSD

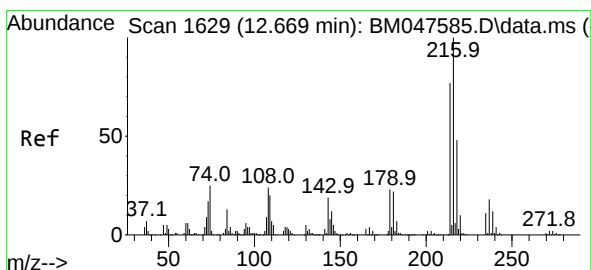
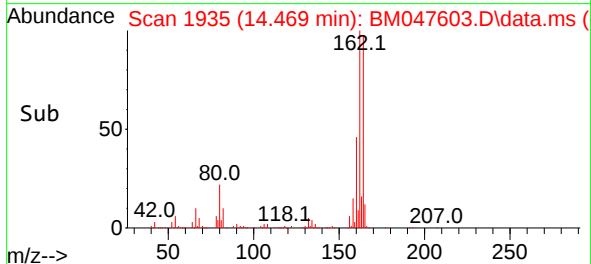
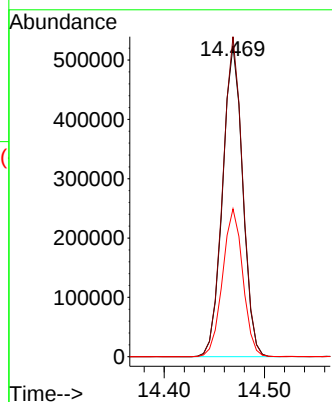
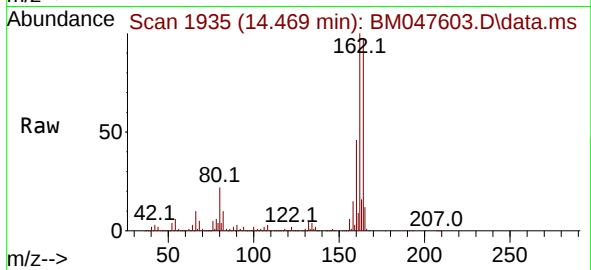
Tgt Ion:164 Resp: 728566

Ion Ratio Lower Upper

164 100

162 102.9 82.6 123.8

160 47.6 37.8 56.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 57.550 ng

RT: 12.663 min Scan# 1628

Delta R.T. -0.006 min

Lab File: BM047603.D

Acq: 23 Sep 2024 14:25

Tgt Ion:216 Resp: 1106483

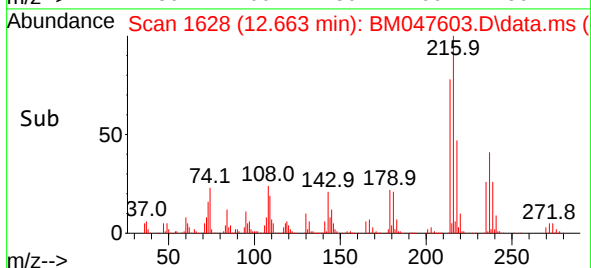
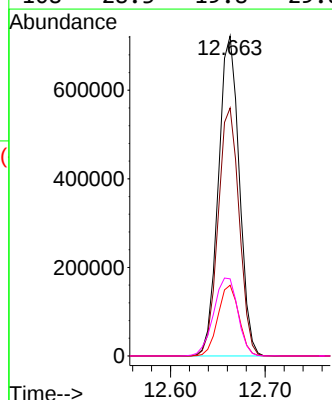
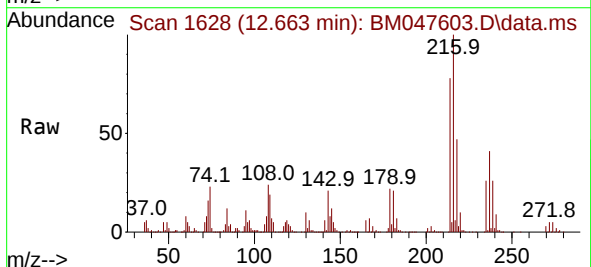
Ion Ratio Lower Upper

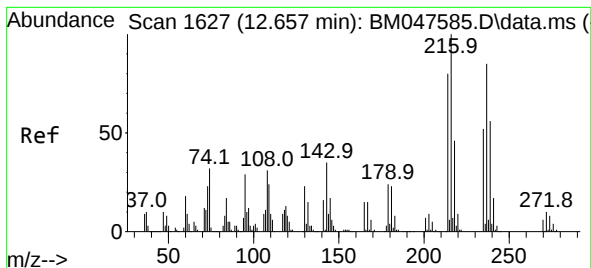
216 100

214 78.2 62.8 94.2

179 22.3 18.5 27.7

108 28.3 19.8 29.8





#41

Hexachlorocyclopentadiene

Concen: 197.455 ng

RT: 12.651 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047603.D

Acq: 23 Sep 2024 14:25

Instrument :

BNA_M

ClientSampleId :

S1-6MSD

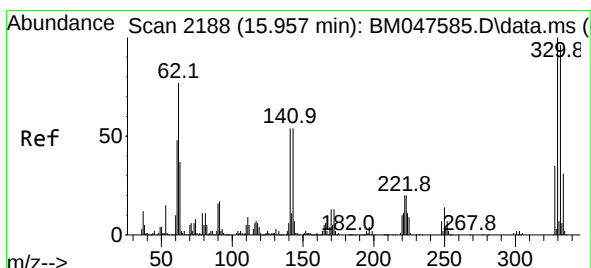
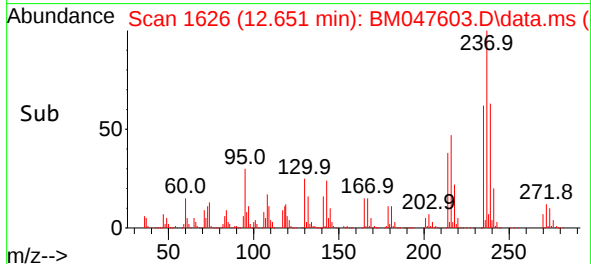
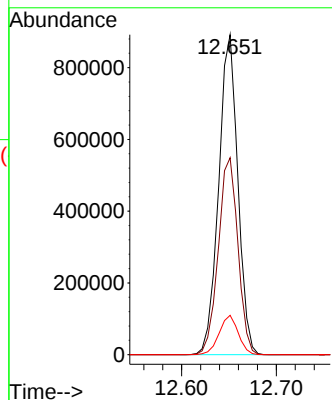
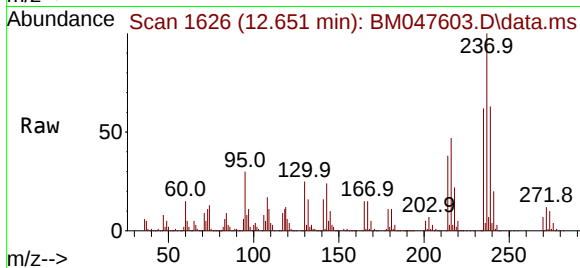
Tgt Ion:237 Resp: 1253389

Ion Ratio Lower Upper

237 100

235 61.6 41.2 81.2

272 12.3 0.0 32.0



#42

2,4,6-Tribromophenol

Concen: 119.935 ng

RT: 15.951 min Scan# 2187

Delta R.T. -0.006 min

Lab File: BM047603.D

Acq: 23 Sep 2024 14:25

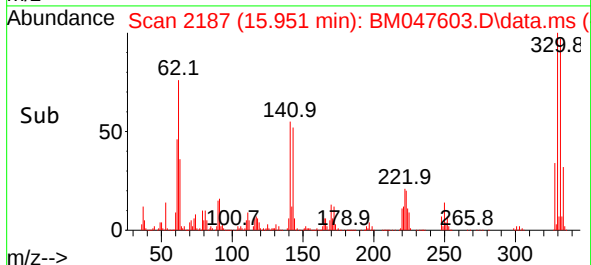
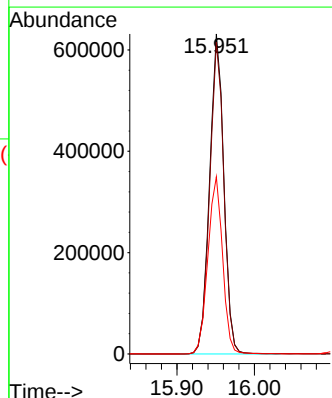
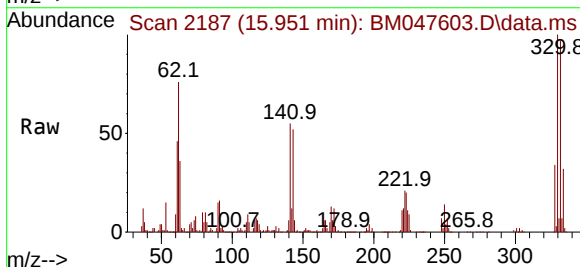
Tgt Ion:330 Resp: 809121

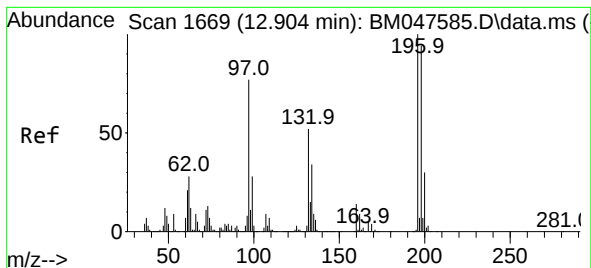
Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.4

141 57.0 45.9 68.9





#43

2,4,6-Trichlorophenol

Concen: 56.963 ng

RT: 12.898 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047603.D

Acq: 23 Sep 2024 14:25

Instrument :

BNA_M

ClientSampleId :

S1-6MSD

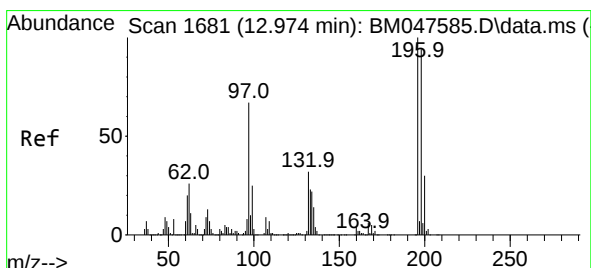
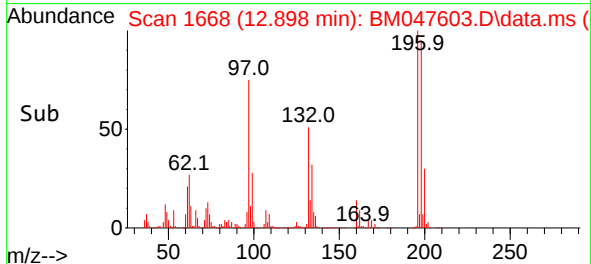
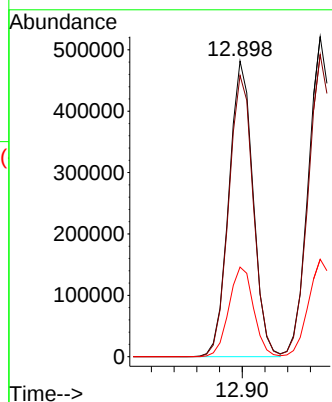
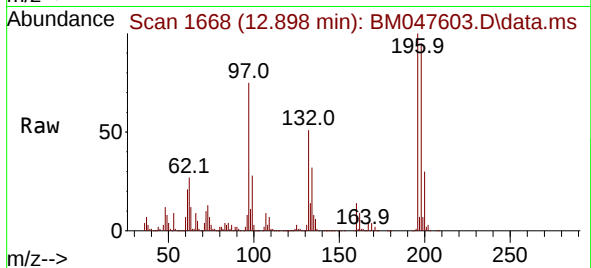
Tgt Ion:196 Resp: 711787

Ion Ratio Lower Upper

196 100

198 95.2 75.5 113.3

200 30.3 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 55.759 ng

RT: 12.969 min Scan# 1680

Delta R.T. -0.006 min

Lab File: BM047603.D

Acq: 23 Sep 2024 14:25

Tgt Ion:196 Resp: 783154

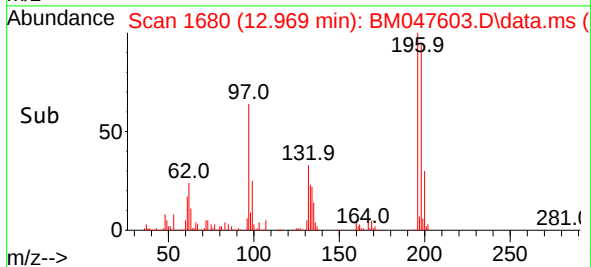
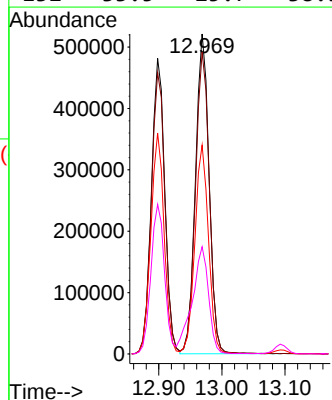
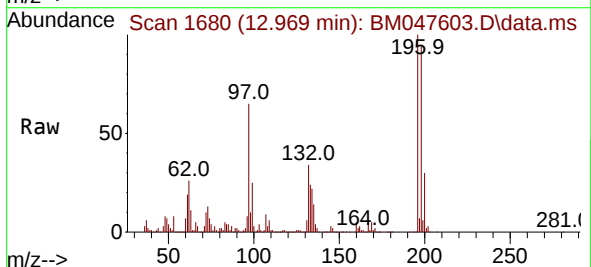
Ion Ratio Lower Upper

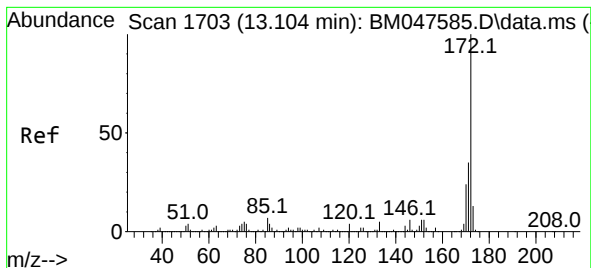
196 100

198 94.4 75.5 113.3

97 65.3 53.5 80.3

132 33.5 25.7 38.5





#45

2-Fluorobiphenyl

Concen: 80.024 ng

RT: 13.092 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM047603.D

Acq: 23 Sep 2024 14:25

Instrument :

BNA_M

ClientSampleId :

S1-6MSD

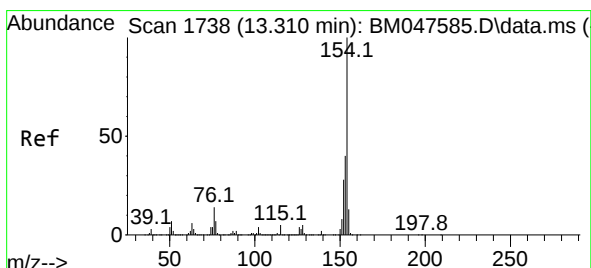
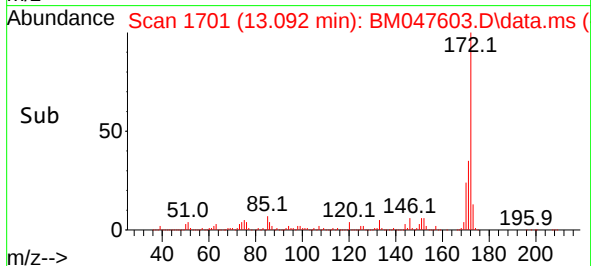
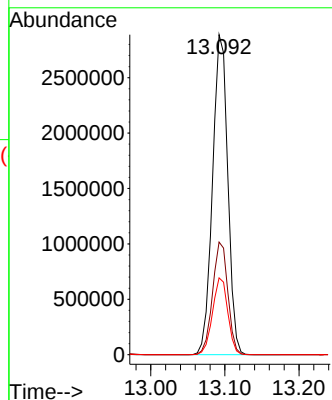
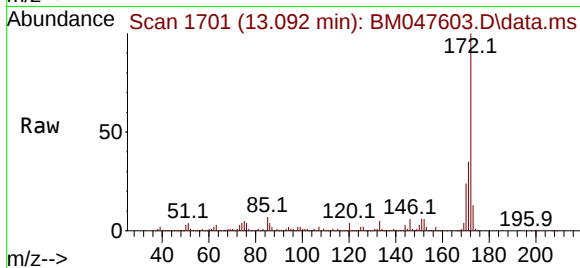
Tgt Ion:172 Resp: 4120426

Ion Ratio Lower Upper

172 100

171 35.2 28.1 42.1

170 24.0 19.0 28.6



#46

1,1'-Biphenyl

Concen: 54.380 ng

RT: 13.304 min Scan# 1737

Delta R.T. -0.006 min

Lab File: BM047603.D

Acq: 23 Sep 2024 14:25

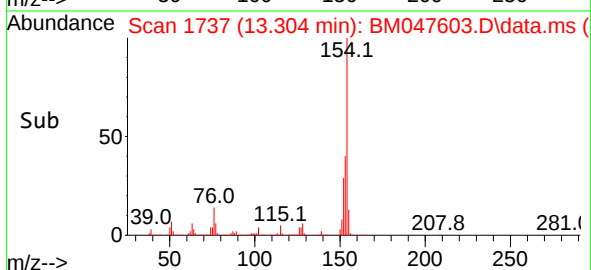
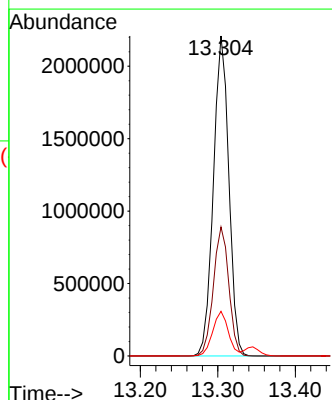
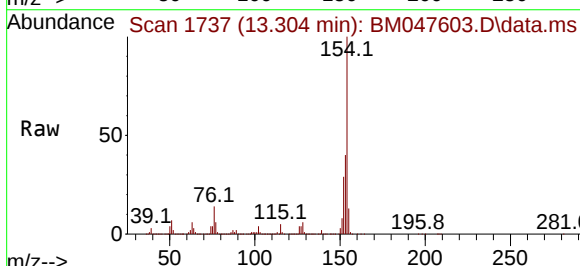
Tgt Ion:154 Resp: 3059759

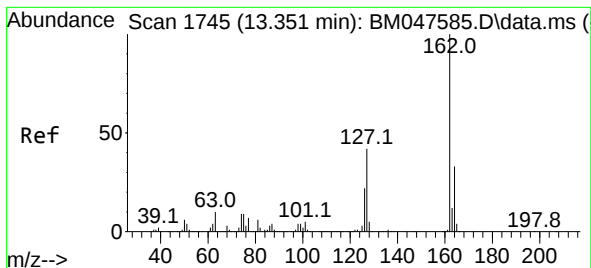
Ion Ratio Lower Upper

154 100

153 40.3 19.9 59.9

76 13.9 0.0 34.5





#47

2-Chloronaphthalene

Concen: 52.597 ng

RT: 13.345 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047603.D

Acq: 23 Sep 2024 14:25

Instrument :

BNA_M

ClientSampleId :

S1-6MSD

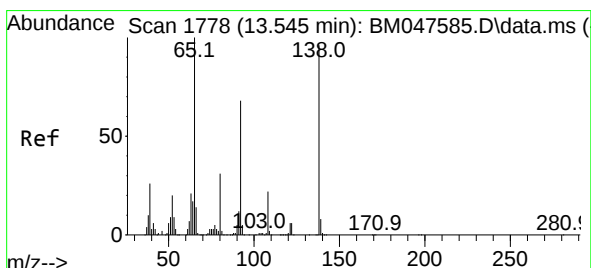
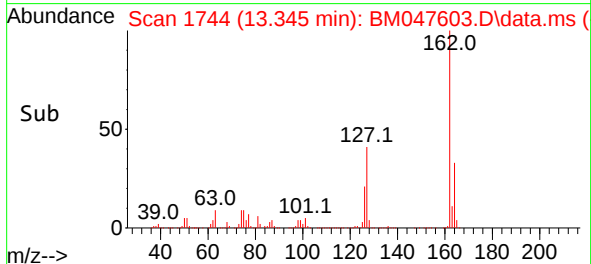
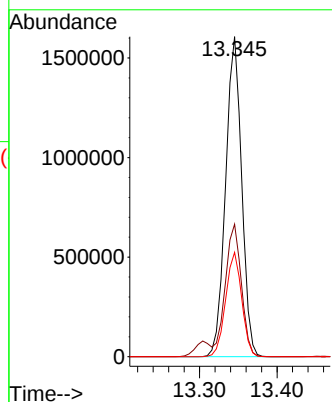
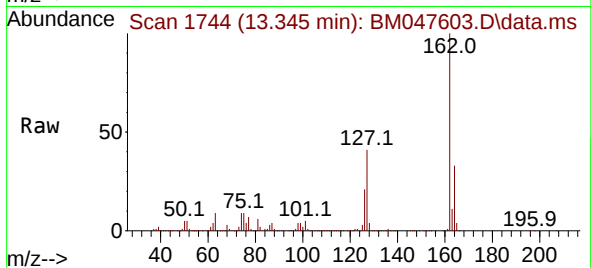
Tgt Ion:162 Resp: 2315612

Ion Ratio Lower Upper

162 100

127 41.4 33.8 50.6

164 32.6 26.2 39.4



#48

2-Nitroaniline

Concen: 56.548 ng

RT: 13.539 min Scan# 1777

Delta R.T. -0.006 min

Lab File: BM047603.D

Acq: 23 Sep 2024 14:25

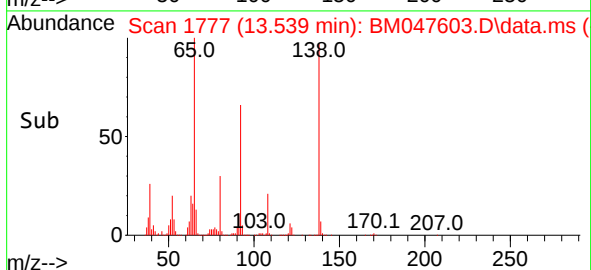
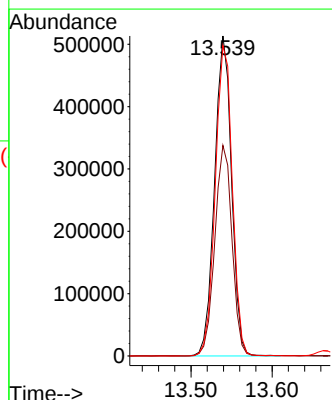
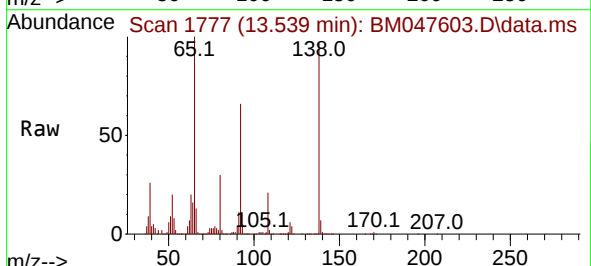
Tgt Ion: 65 Resp: 743550

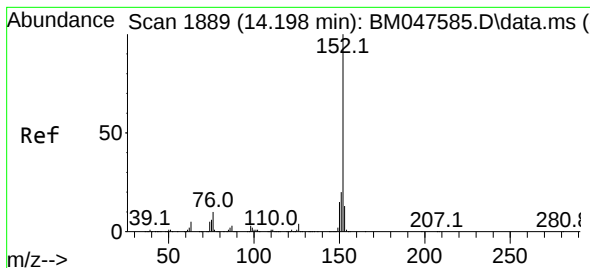
Ion Ratio Lower Upper

65 100

92 65.8 54.2 81.4

138 97.0 76.6 114.8





#49

Acenaphthylene

Concen: 58.283 ng

RT: 14.192 min Scan# 1888

Delta R.T. -0.006 min

Lab File: BM047603.D

Acq: 23 Sep 2024 14:25

Instrument :

BNA_M

ClientSampleId :

S1-6MSD

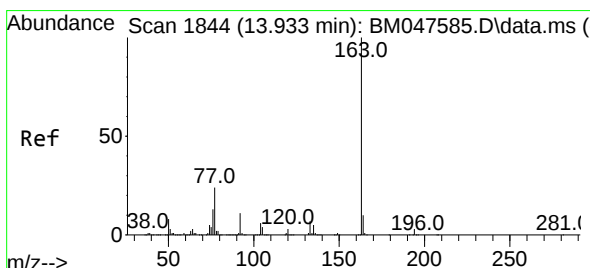
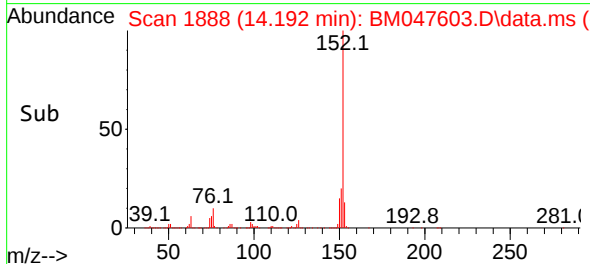
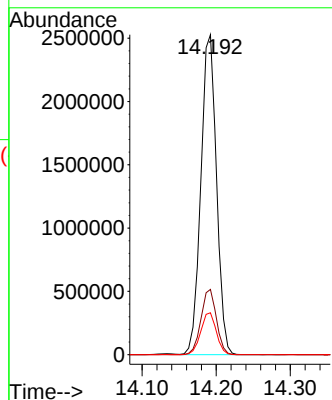
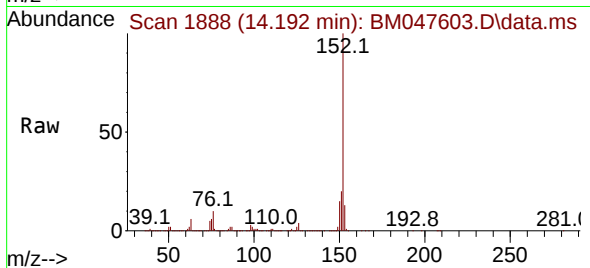
Tgt Ion:152 Resp: 3692536

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.2

153 13.1 10.4 15.6



#50

Dimethylphthalate

Concen: 52.440 ng

RT: 13.927 min Scan# 1843

Delta R.T. -0.006 min

Lab File: BM047603.D

Acq: 23 Sep 2024 14:25

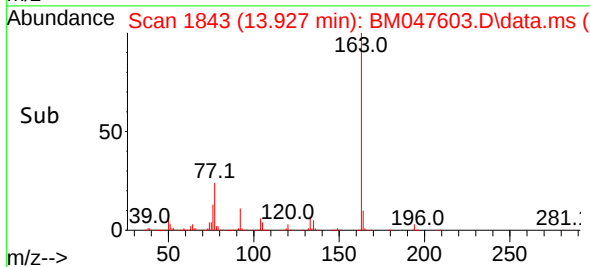
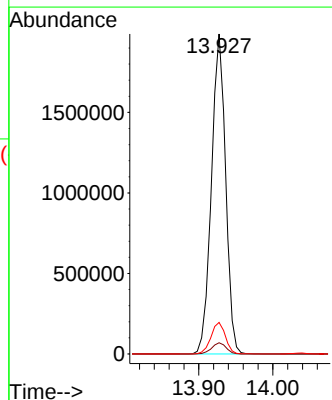
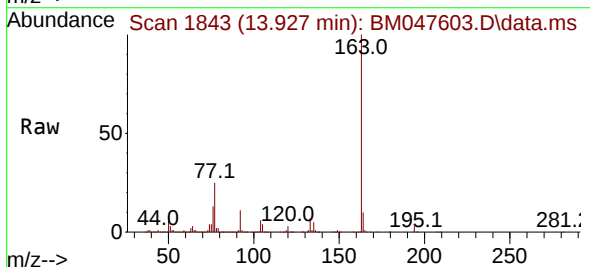
Tgt Ion:163 Resp: 2637940

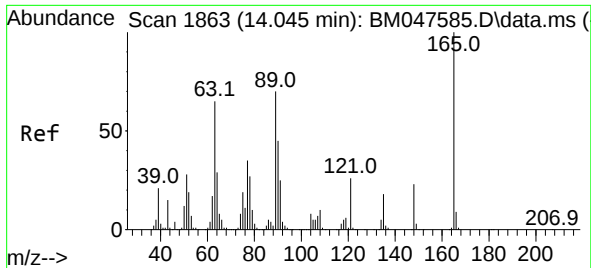
Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

164 9.8 8.2 12.2

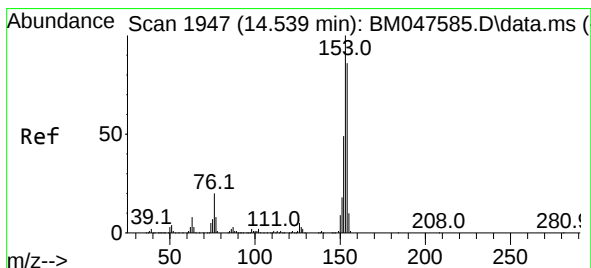
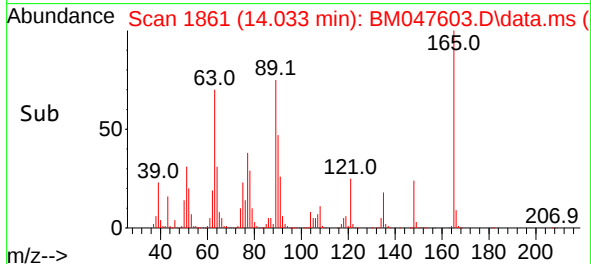
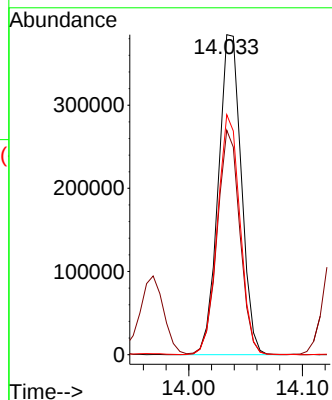
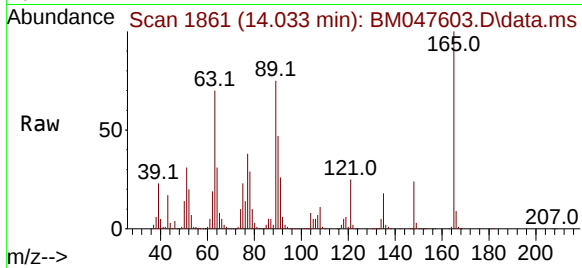




#51
2,6-Dinitrotoluene
Concen: 51.382 ng
RT: 14.033 min Scan# 1861
Delta R.T. -0.012 min
Lab File: BM047603.D
Acq: 23 Sep 2024 14:25

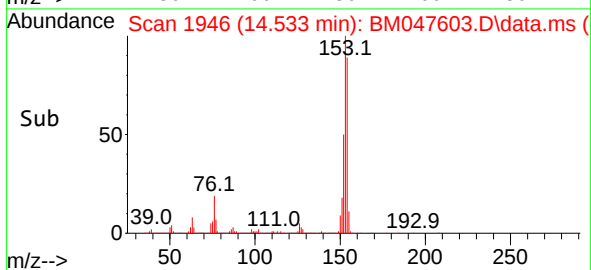
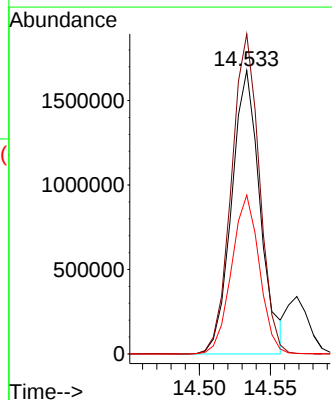
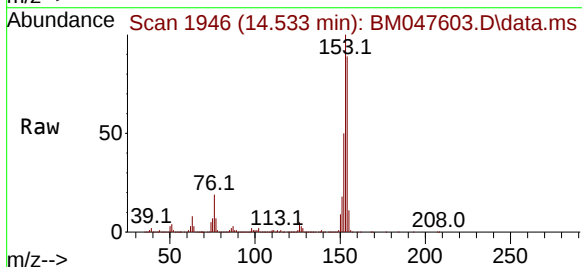
Instrument :
BNA_M
ClientSampleId :
S1-6MSD

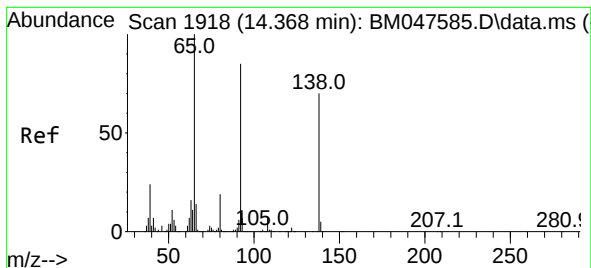
Tgt Ion:165 Resp: 541532
Ion Ratio Lower Upper
165 100
63 70.2 53.0 79.6
89 75.0 56.4 84.6



#52
Acenaphthene
Concen: 55.898 ng
RT: 14.533 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BM047603.D
Acq: 23 Sep 2024 14:25

Tgt Ion:154 Resp: 2339570
Ion Ratio Lower Upper
154 100
153 112.9 92.8 139.2
152 56.0 45.7 68.5

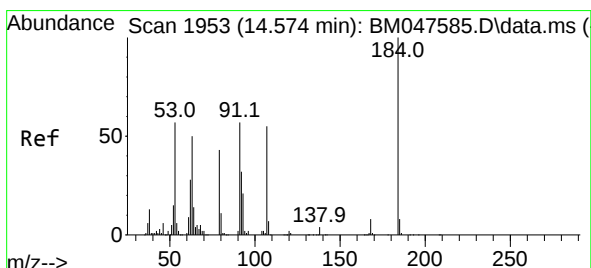
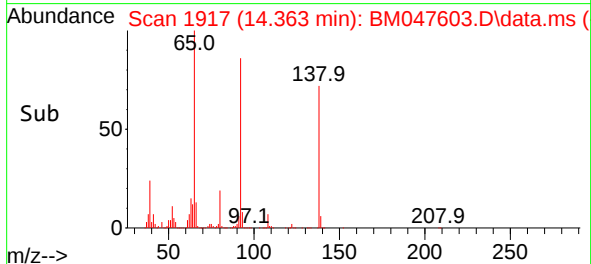
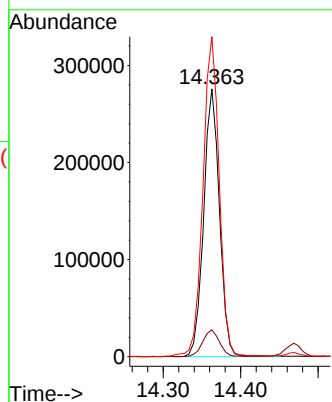
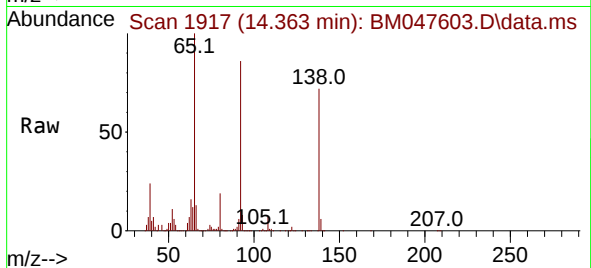




#53
3-Nitroaniline
Concen: 32.230 ng
RT: 14.363 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BM047603.D
Acq: 23 Sep 2024 14:25

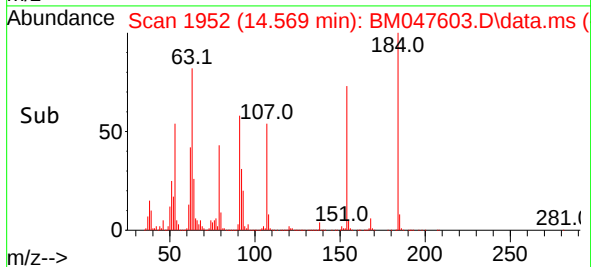
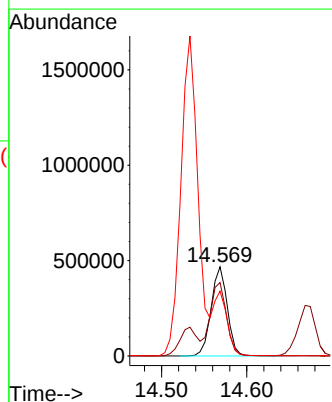
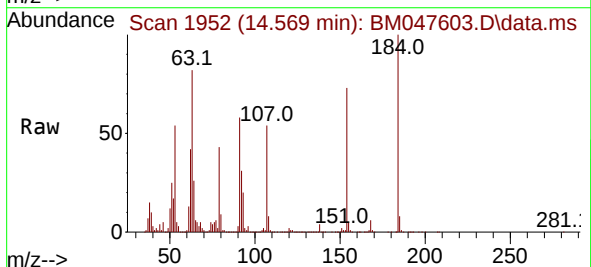
Instrument :
BNA_M
ClientSampleId :
S1-6MSD

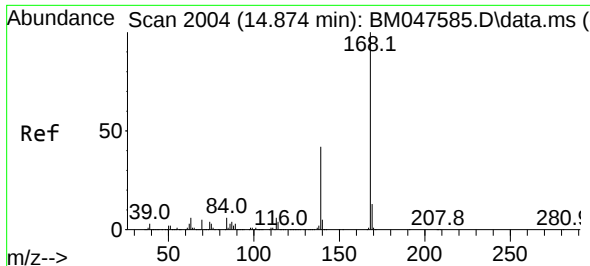
Tgt Ion:138 Resp: 389589
Ion Ratio Lower Upper
138 100
108 10.0 8.3 12.5
92 119.5 97.0 145.6



#54
2,4-Dinitrophenol
Concen: 128.628 ng
RT: 14.569 min Scan# 1952
Delta R.T. -0.005 min
Lab File: BM047603.D
Acq: 23 Sep 2024 14:25

Tgt Ion:184 Resp: 614560
Ion Ratio Lower Upper
184 100
63 82.3 69.0 103.6
154 72.6 59.7 89.5

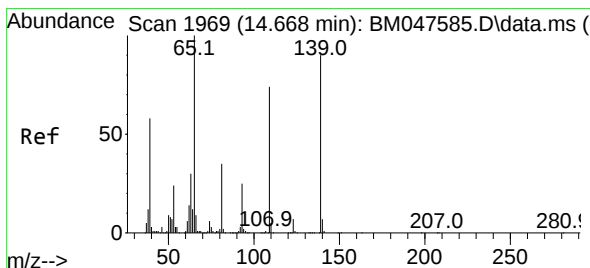
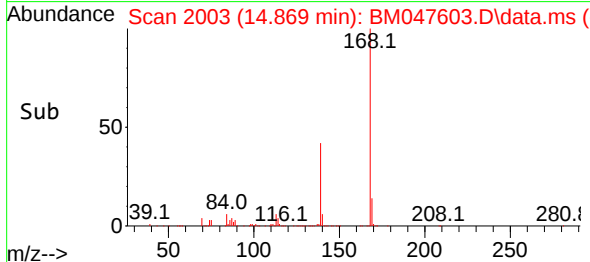
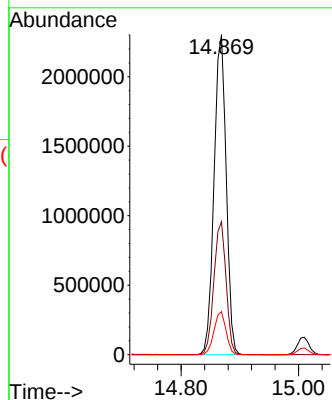
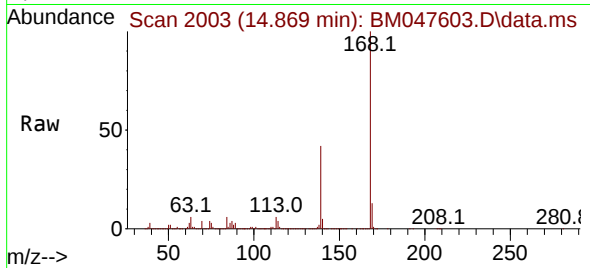




#55
Dibenzenofuran
Concen: 53.816 ng
RT: 14.869 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM047603.D
Acq: 23 Sep 2024 14:25

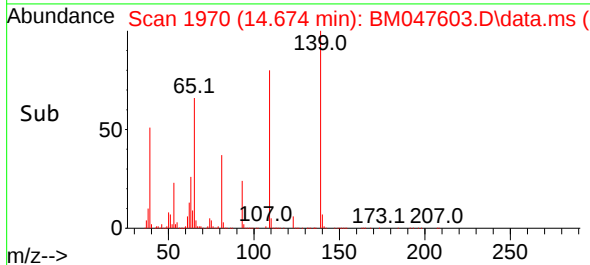
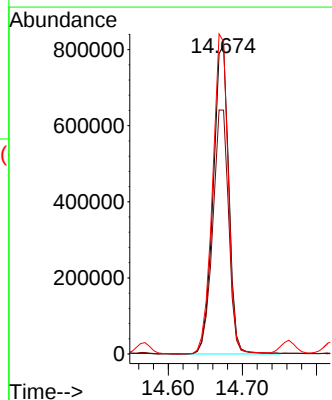
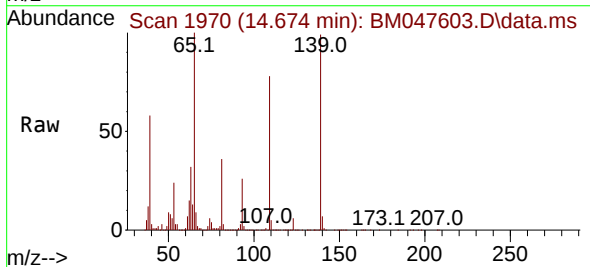
Instrument :
BNA_M
ClientSampleId :
S1-6MSD

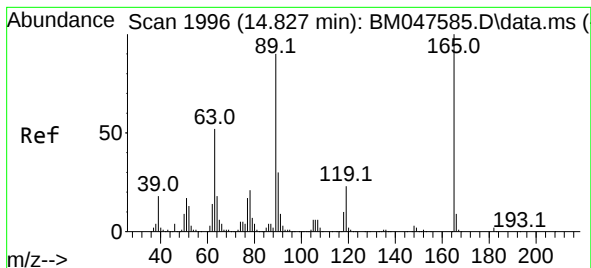
Tgt Ion:168 Resp: 3291576
Ion Ratio Lower Upper
168 100
139 41.6 33.4 50.2
169 13.5 10.4 15.6



#56
4-Nitrophenol
Concen: 114.856 ng
RT: 14.674 min Scan# 1970
Delta R.T. 0.006 min
Lab File: BM047603.D
Acq: 23 Sep 2024 14:25

Tgt Ion:139 Resp: 1189677
Ion Ratio Lower Upper
139 100
109 78.9 63.1 103.1
65 101.1 91.8 131.8

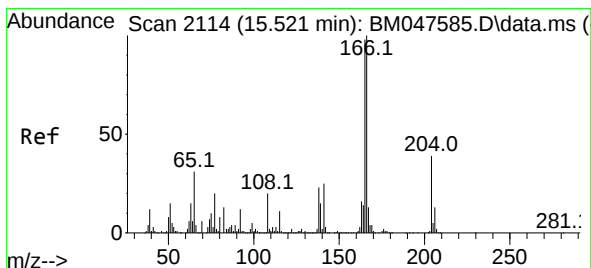
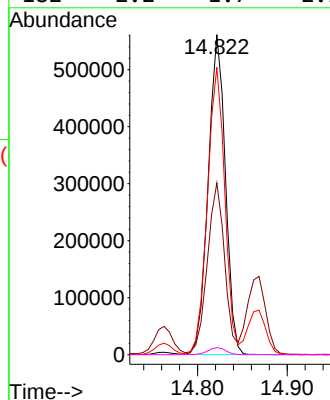
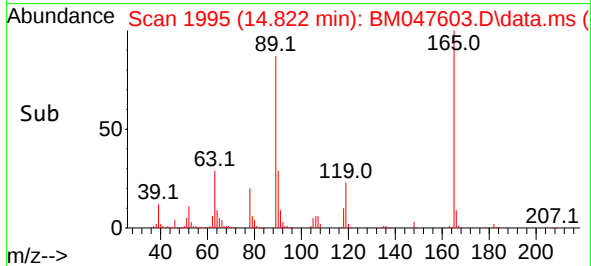
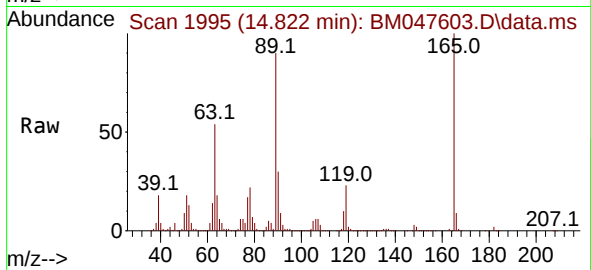




#57
2,4-Dinitrotoluene
Concen: 53.273 ng
RT: 14.822 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BM047603.D
Acq: 23 Sep 2024 14:25

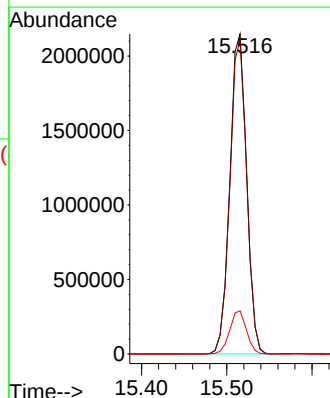
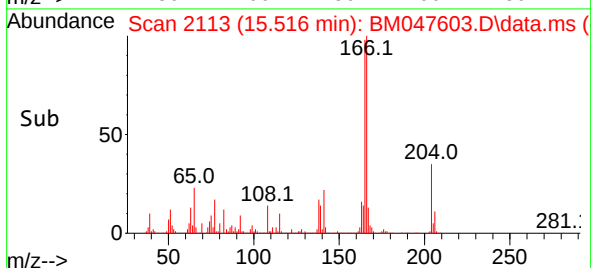
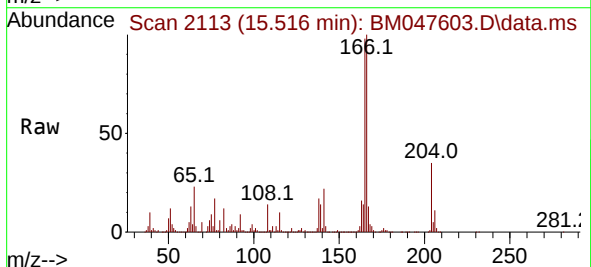
Instrument :
BNA_M
ClientSampleId :
S1-6MSD

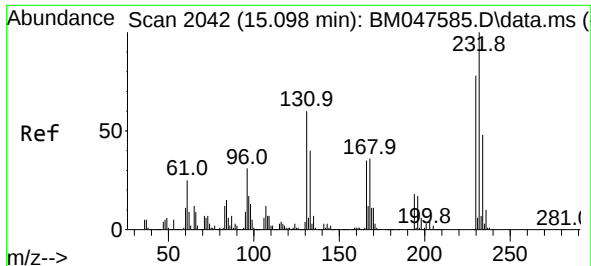
Tgt Ion:165 Resp: 748149
Ion Ratio Lower Upper
165 100
63 53.6 41.6 62.4
89 89.8 71.7 107.5
182 2.2 1.7 2.5



#58
Fluorene
Concen: 54.247 ng
RT: 15.516 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BM047603.D
Acq: 23 Sep 2024 14:25

Tgt Ion:166 Resp: 2936548
Ion Ratio Lower Upper
166 100
165 98.2 78.4 117.6
167 13.5 10.5 15.7

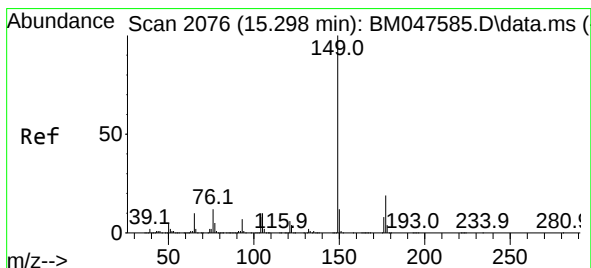
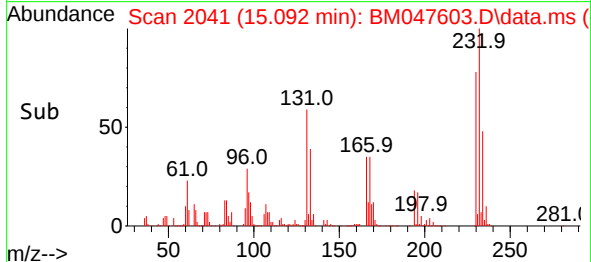
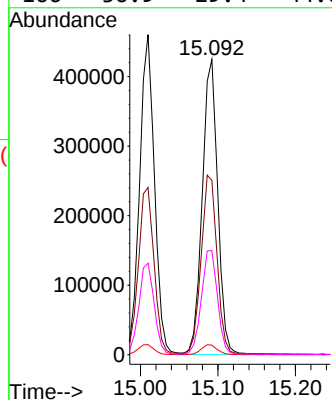
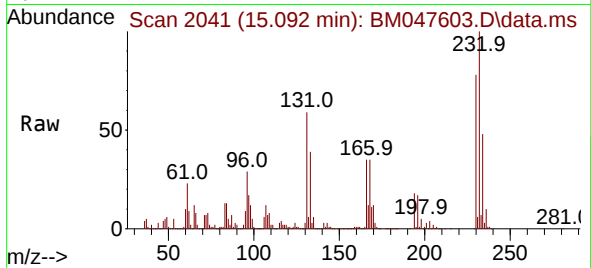




#59
2,3,4,6-Tetrachlorophenol
Concen: 54.763 ng
RT: 15.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BM047603.D
Acq: 23 Sep 2024 14:25

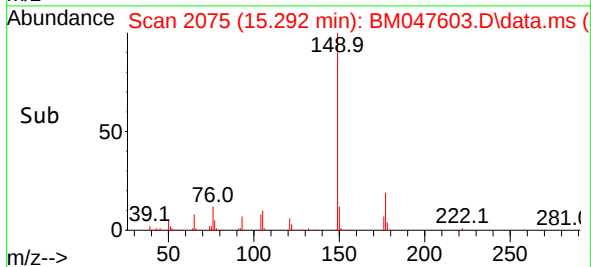
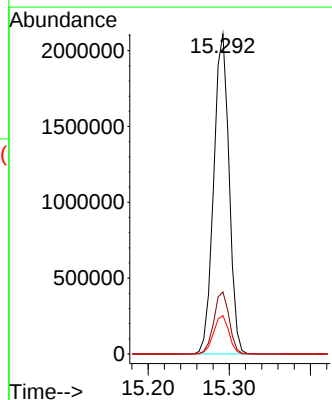
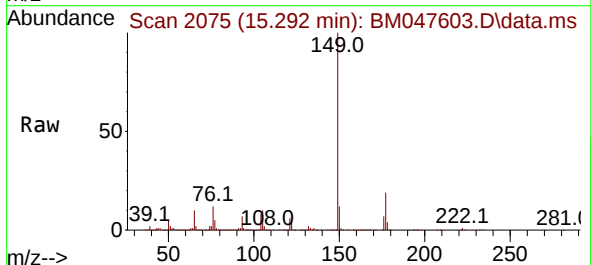
Instrument :
BNA_M
ClientSampleId :
S1-6MSD

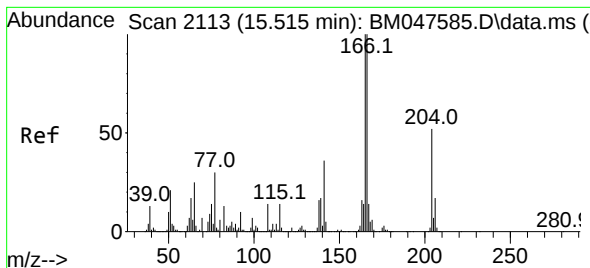
Tgt Ion:232 Resp: 587950
Ion Ratio Lower Upper
232 100
131 62.5 50.3 75.5
130 3.5 3.0 4.4
166 36.9 29.4 44.0



#60
Diethylphthalate
Concen: 51.673 ng
RT: 15.292 min Scan# 2075
Delta R.T. -0.006 min
Lab File: BM047603.D
Acq: 23 Sep 2024 14:25

Tgt Ion:149 Resp: 2771187
Ion Ratio Lower Upper
149 100
177 19.4 15.4 23.0
150 12.0 9.4 14.0

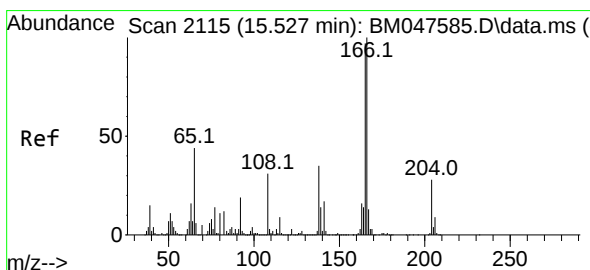
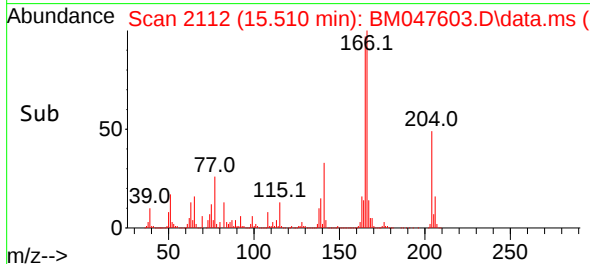
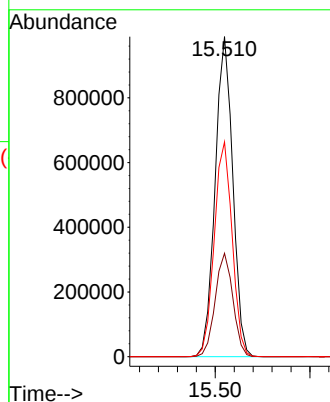
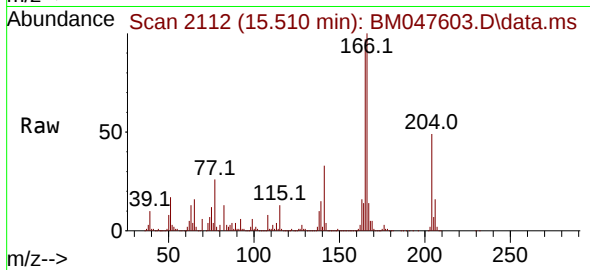




#61
4-Chlorophenyl-phenylether
Concen: 54.027 ng
RT: 15.510 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BM047603.D
Acq: 23 Sep 2024 14:25

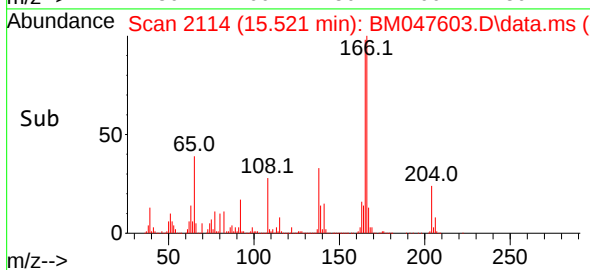
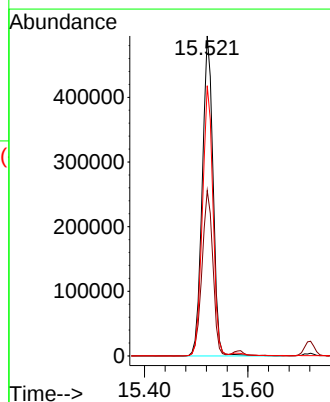
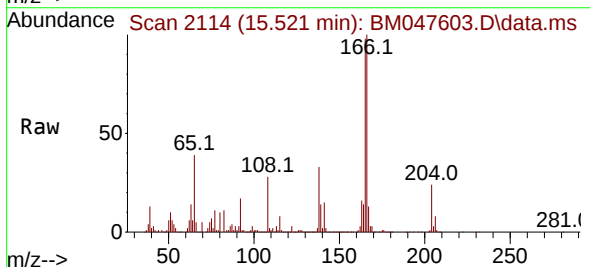
Instrument :
BNA_M
ClientSampleId :
S1-6MSD

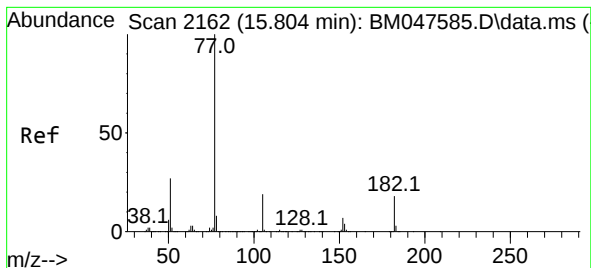
Tgt Ion:204 Resp: 1277902
Ion Ratio Lower Upper
204 100
206 32.3 26.2 39.2
141 67.1 55.3 82.9



#62
4-Nitroaniline
Concen: 52.748 ng
RT: 15.521 min Scan# 2114
Delta R.T. -0.006 min
Lab File: BM047603.D
Acq: 23 Sep 2024 14:25

Tgt Ion:138 Resp: 718422
Ion Ratio Lower Upper
138 100
92 51.7 33.3 73.3
108 84.4 66.2 106.2





#63

Azobenzene

Concen: 57.353 ng

RT: 15.798 min Scan# 2161

Delta R.T. -0.006 min

Lab File: BM047603.D

Acq: 23 Sep 2024 14:25

Instrument :

BNA_M

ClientSampleId :

S1-6MSD

Tgt Ion: 77 Resp: 3362625

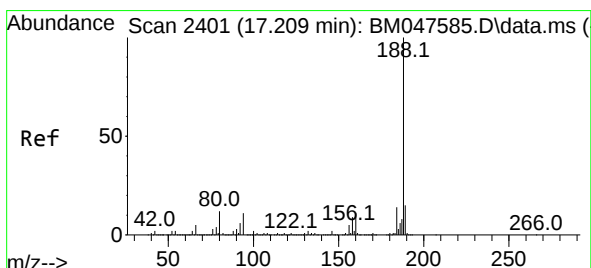
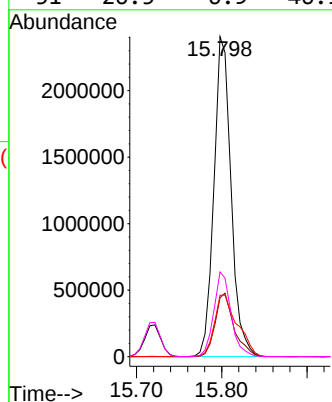
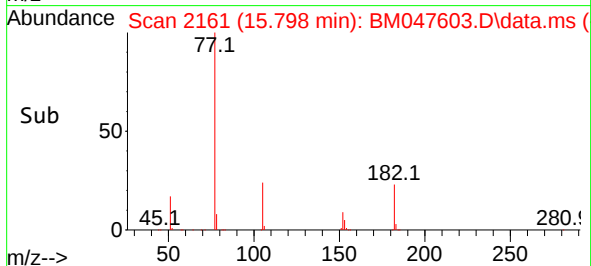
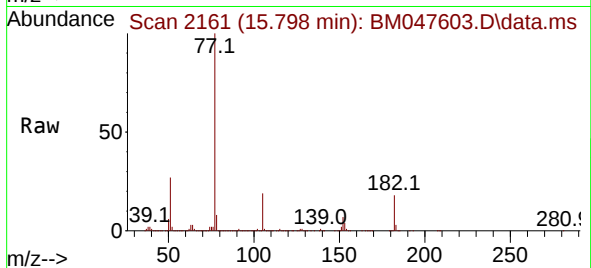
Ion Ratio Lower Upper

77 100

182 18.4 0.0 38.2

105 19.2 0.0 38.8

51 26.5 6.9 46.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.204 min Scan# 2400

Delta R.T. -0.005 min

Lab File: BM047603.D

Acq: 23 Sep 2024 14:25

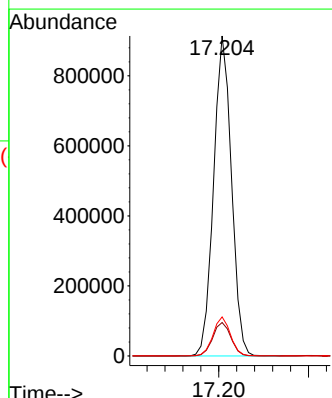
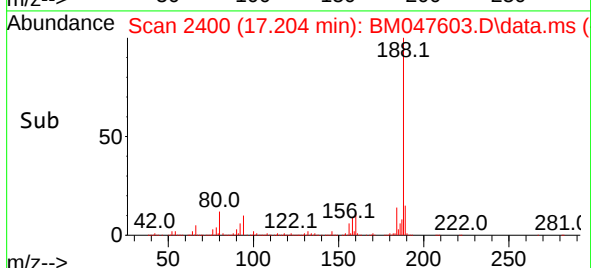
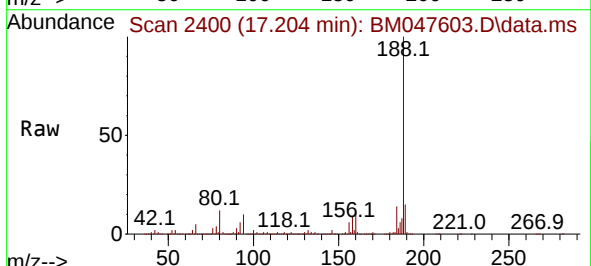
Tgt Ion:188 Resp: 1263087

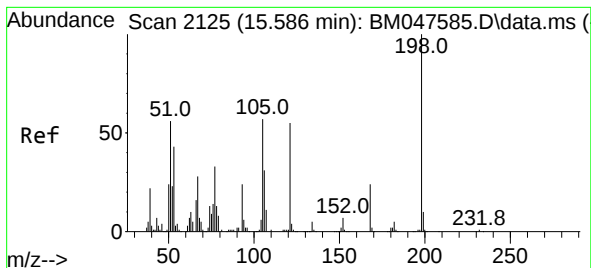
Ion Ratio Lower Upper

188 100

94 10.4 8.6 13.0

80 12.2 9.9 14.9

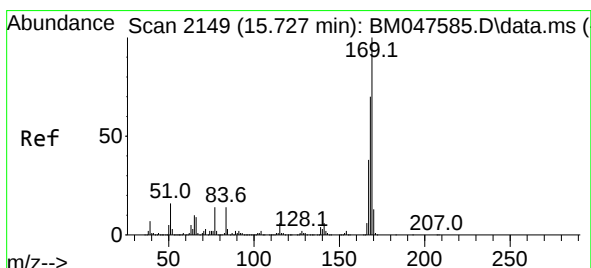
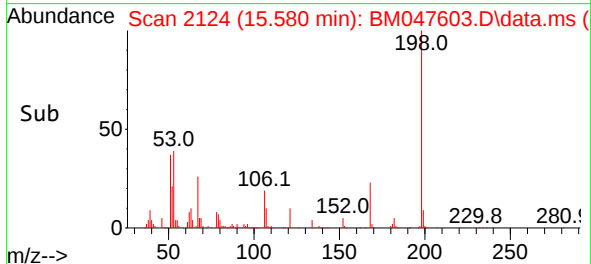
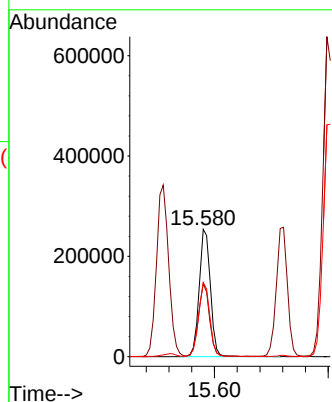
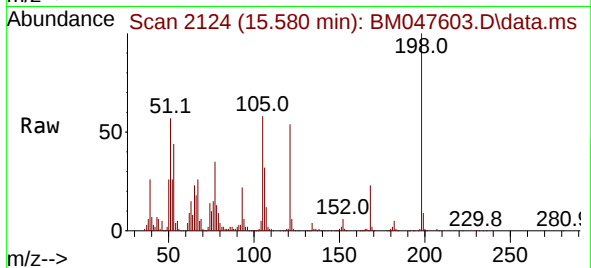




#65
4,6-Dinitro-2-methylphenol
Concen: 58.171 ng
RT: 15.580 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BM047603.D
Acq: 23 Sep 2024 14:25

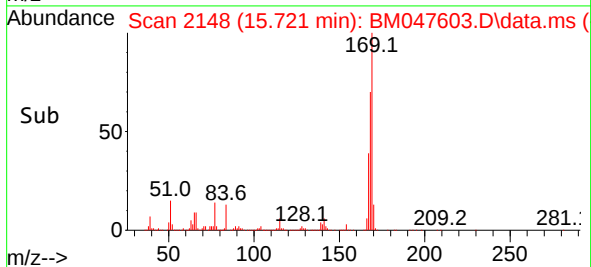
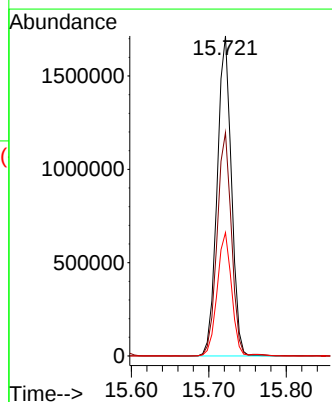
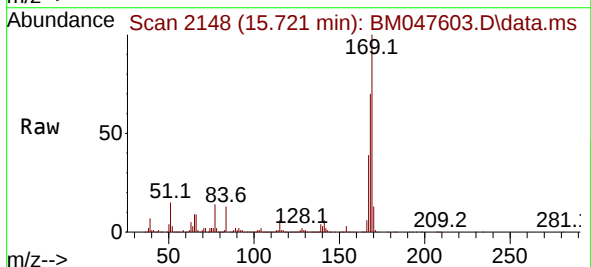
Instrument :
BNA_M
ClientSampleId :
S1-6MSD

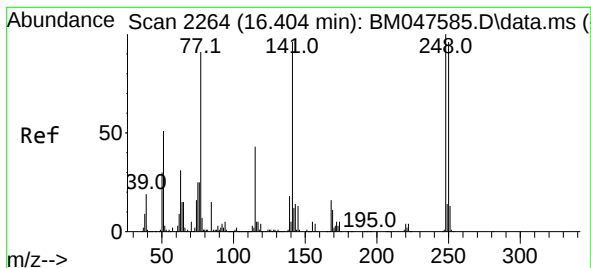
Tgt Ion:198 Resp: 348156
Ion Ratio Lower Upper
198 100
51 57.3 38.2 78.2
105 58.3 38.0 78.0



#66
n-Nitrosodiphenylamine
Concen: 57.990 ng
RT: 15.721 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BM047603.D
Acq: 23 Sep 2024 14:25

Tgt Ion:169 Resp: 2187675
Ion Ratio Lower Upper
169 100
168 69.8 55.8 83.8
167 38.5 30.7 46.1

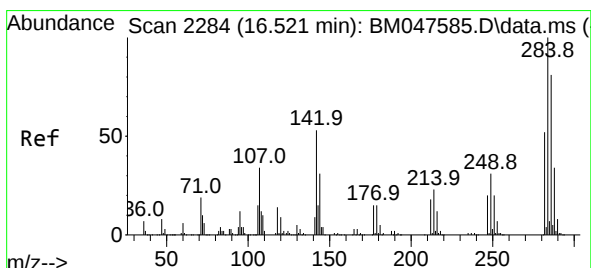
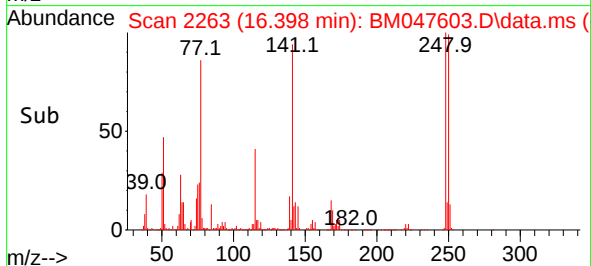
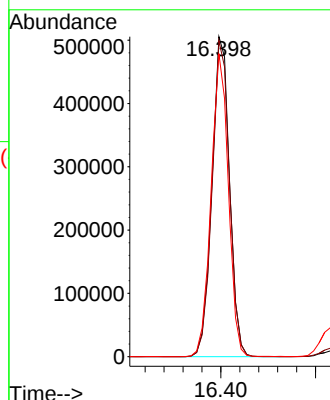
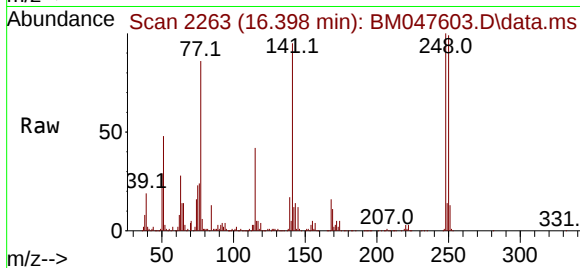




#67
4-Bromophenyl-phenylether
Concen: 56.546 ng
RT: 16.398 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047603.D
Acq: 23 Sep 2024 14:25

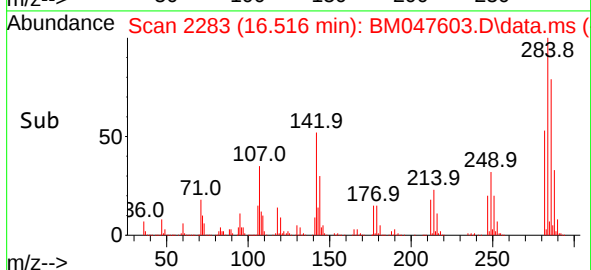
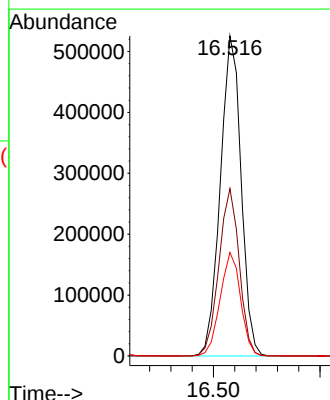
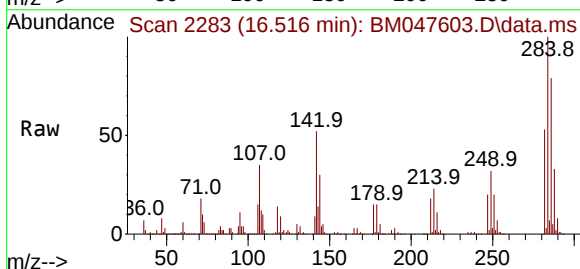
Instrument :
BNA_M
ClientSampleId :
S1-6MSD

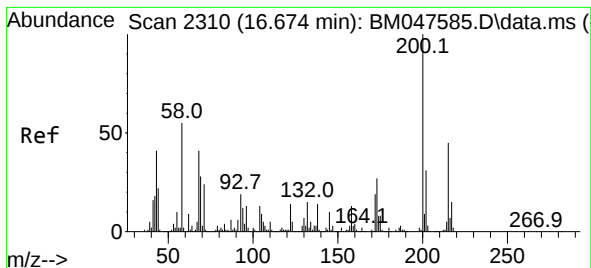
Tgt Ion:248 Resp: 648806
Ion Ratio Lower Upper
248 100
250 98.8 76.7 115.1
141 94.7 76.7 115.1



#68
Hexachlorobenzene
Concen: 52.932 ng
RT: 16.516 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BM047603.D
Acq: 23 Sep 2024 14:25

Tgt Ion:284 Resp: 710007
Ion Ratio Lower Upper
284 100
142 52.3 42.5 63.7
249 32.4 25.0 37.6





#69

Atrazine

Concen: 70.935 ng

RT: 16.668 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047603.D

Acq: 23 Sep 2024 14:25

Instrument :

BNA_M

ClientSampleId :

S1-6MSD

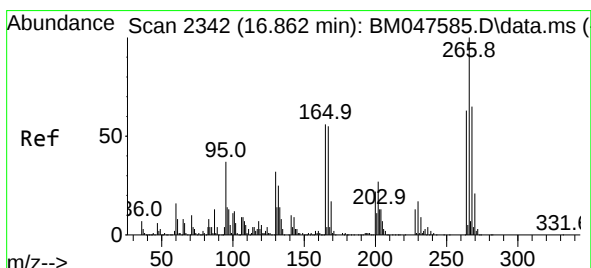
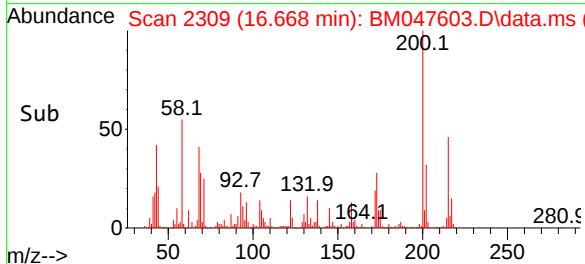
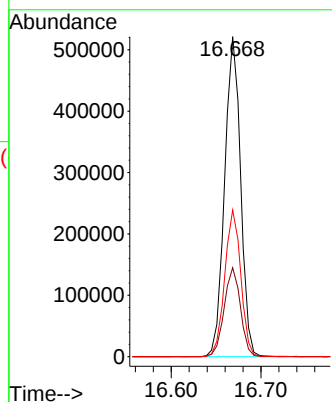
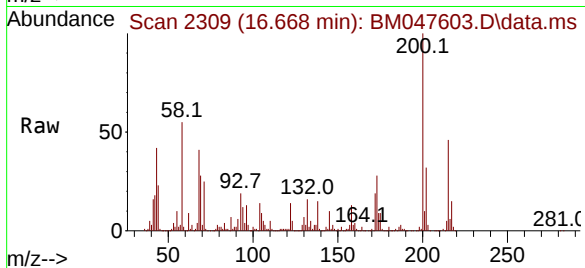
Tgt Ion:200 Resp: 644230

Ion Ratio Lower Upper

200 100

173 27.8 7.4 47.4

215 45.9 24.5 64.5



#70

Pentachlorophenol

Concen: 119.834 ng

RT: 16.857 min Scan# 2341

Delta R.T. -0.006 min

Lab File: BM047603.D

Acq: 23 Sep 2024 14:25

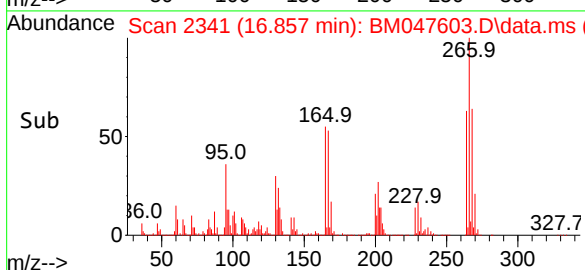
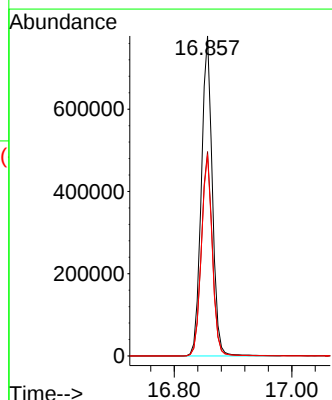
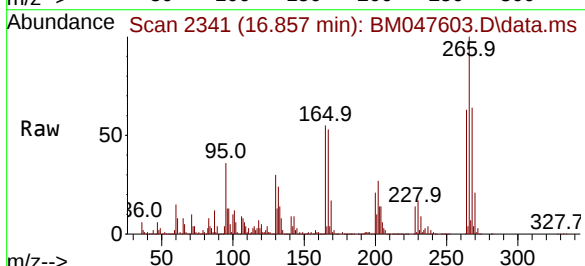
Tgt Ion:266 Resp: 1008867

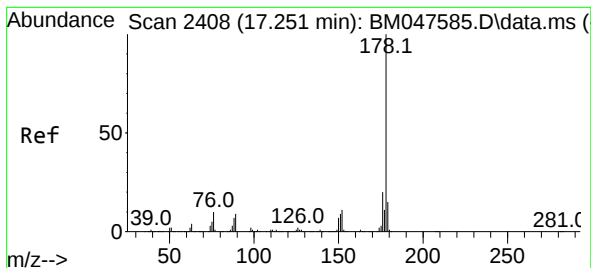
Ion Ratio Lower Upper

266 100

268 63.9 52.2 78.4

264 62.9 50.0 75.0





#71

Phenanthrene

Concen: 56.230 ng

RT: 17.245 min Scan# 2407

Delta R.T. -0.006 min

Lab File: BM047603.D

Acq: 23 Sep 2024 14:25

Instrument :

BNA_M

ClientSampleId :

S1-6MSD

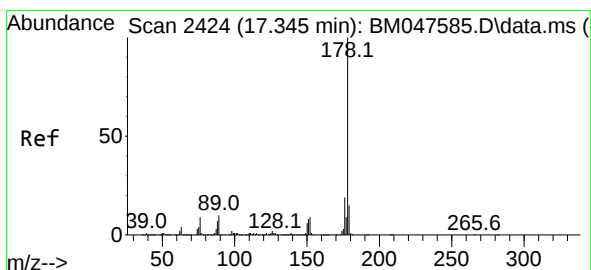
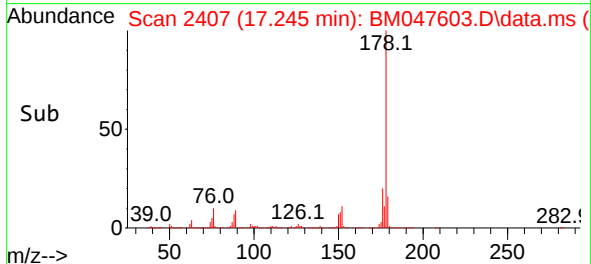
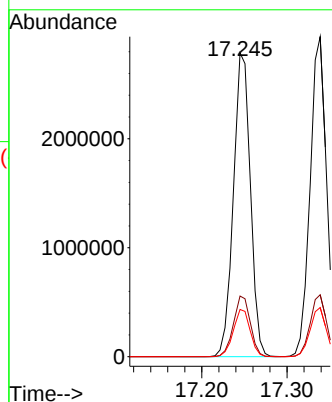
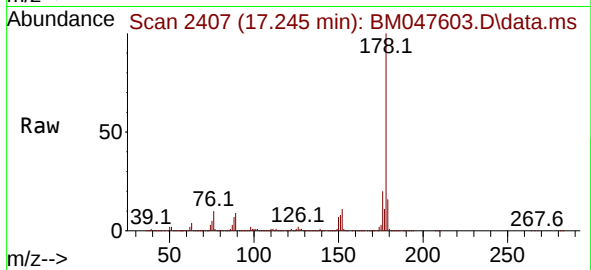
Tgt Ion:178 Resp: 3855245

Ion Ratio Lower Upper

178 100

176 20.0 15.8 23.8

179 15.6 12.2 18.2



#72

Anthracene

Concen: 60.559 ng

RT: 17.339 min Scan# 2423

Delta R.T. -0.006 min

Lab File: BM047603.D

Acq: 23 Sep 2024 14:25

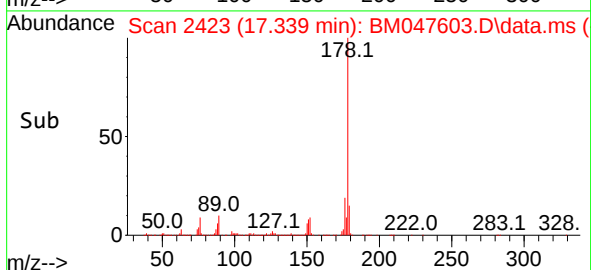
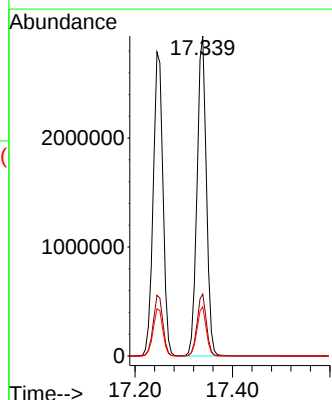
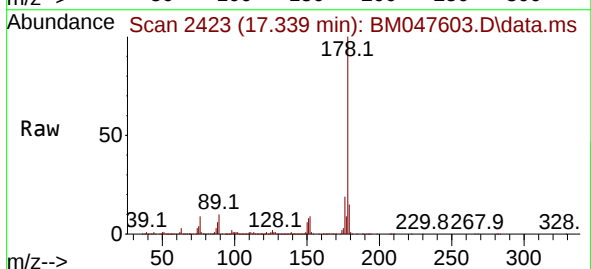
Tgt Ion:178 Resp: 3933843

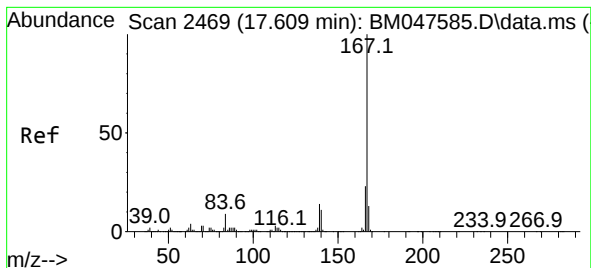
Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

179 15.3 12.2 18.2





#73

Carbazole

Concen: 53.418 ng

RT: 17.604 min Scan# 2468

Delta R.T. -0.006 min

Lab File: BM047603.D

Acq: 23 Sep 2024 14:25

Instrument :

BNA_M

ClientSampleId :

S1-6MSD

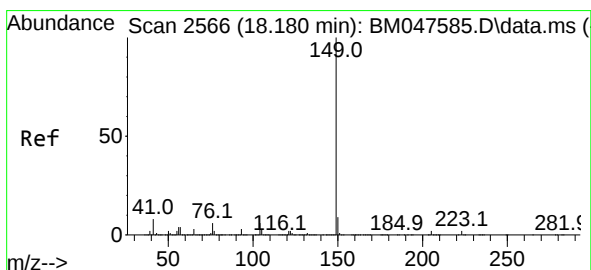
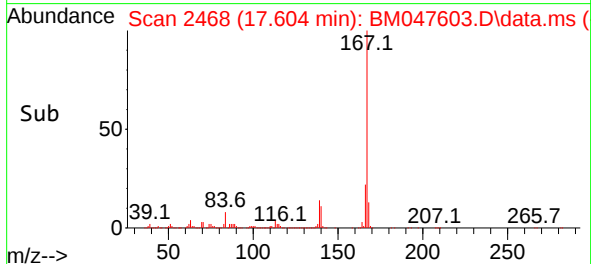
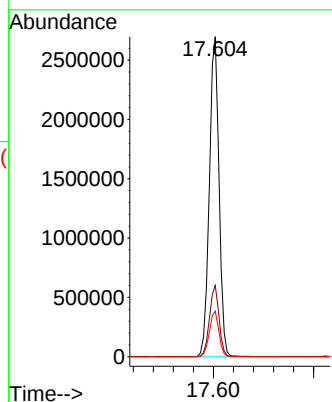
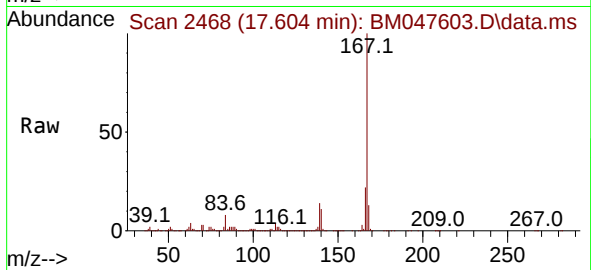
Tgt Ion:167 Resp: 3615738

Ion Ratio Lower Upper

167 100

166 22.2 18.0 27.0

139 14.2 11.3 16.9



#74

Di-n-butylphthalate

Concen: 56.314 ng

RT: 18.174 min Scan# 2565

Delta R.T. -0.006 min

Lab File: BM047603.D

Acq: 23 Sep 2024 14:25

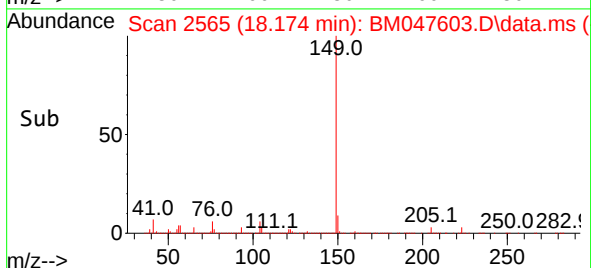
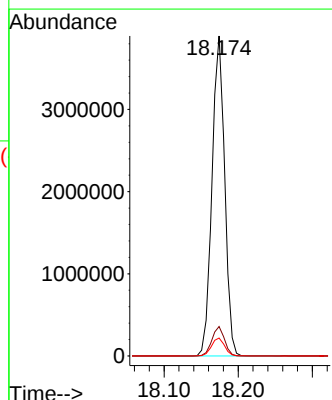
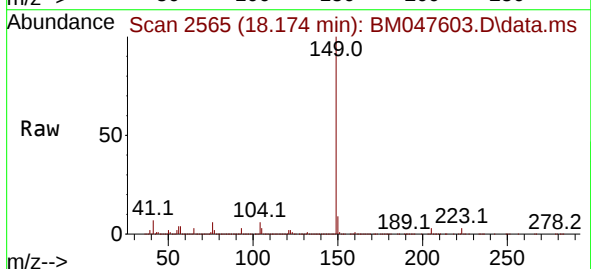
Tgt Ion:149 Resp: 4610428

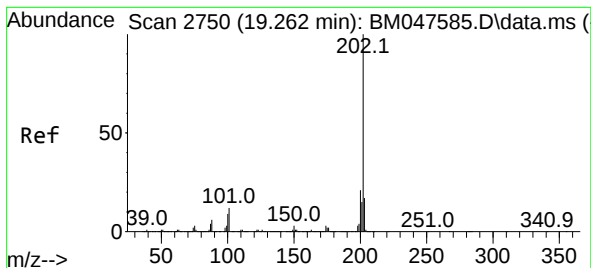
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 5.6 4.7 7.1





#75

Fluoranthene

Concen: 52.885 ng

RT: 19.257 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047603.D

Acq: 23 Sep 2024 14:25

Instrument :

BNA_M

ClientSampleId :

S1-6MSD

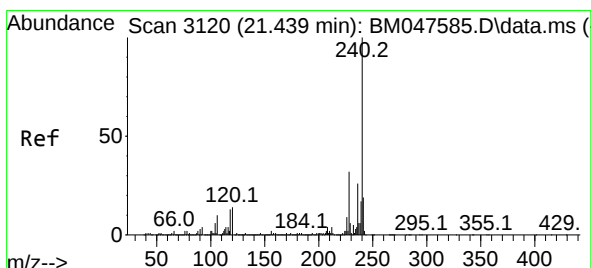
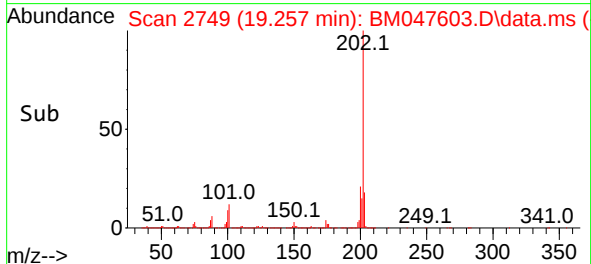
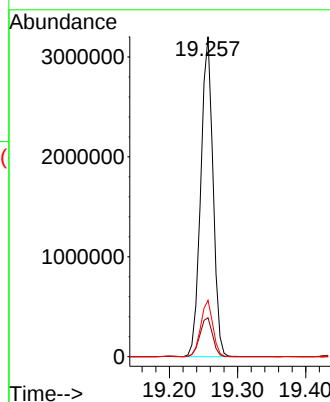
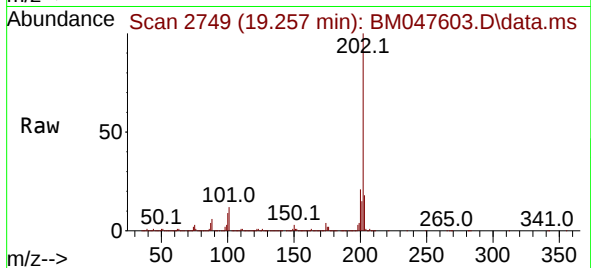
Tgt Ion:202 Resp: 3991359

Ion Ratio Lower Upper

202 100

101 12.2 0.0 32.2

203 17.6 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.427 min Scan# 3118

Delta R.T. -0.012 min

Lab File: BM047603.D

Acq: 23 Sep 2024 14:25

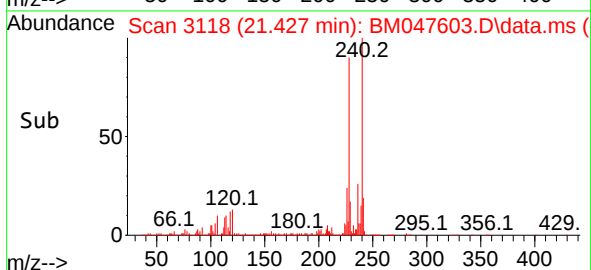
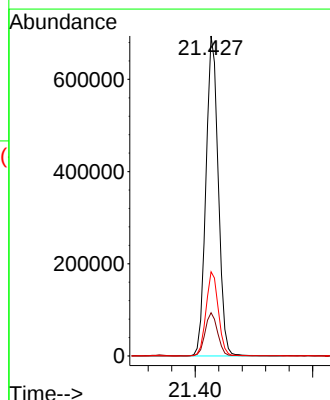
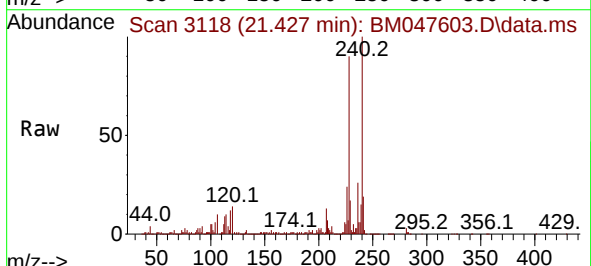
Tgt Ion:240 Resp: 1006113

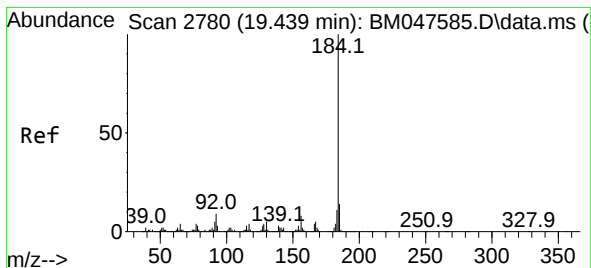
Ion Ratio Lower Upper

240 100

120 13.5 10.8 16.2

236 26.3 20.8 31.2





#77

Benzidine

Concen: 136.117 ng

RT: 19.433 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047603.D

Acq: 23 Sep 2024 14:25

Instrument :

BNA_M

ClientSampleId :

S1-6MSD

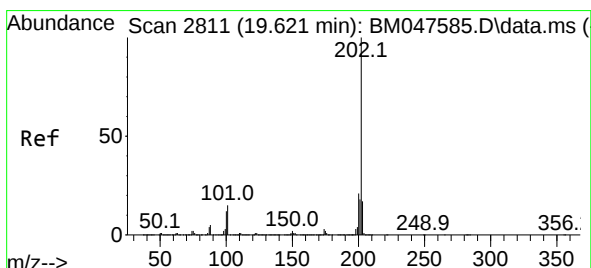
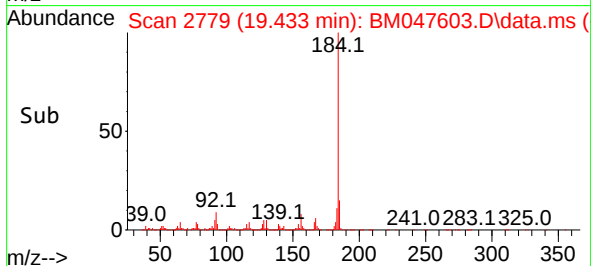
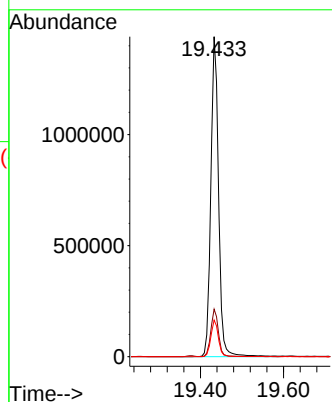
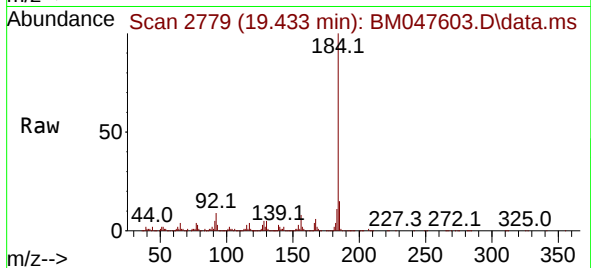
Tgt Ion:184 Resp: 1865042

Ion Ratio Lower Upper

184 100

185 14.8 11.5 17.3

183 11.4 8.7 13.1



#78

Pyrene

Concen: 60.436 ng

RT: 19.615 min Scan# 2810

Delta R.T. -0.006 min

Lab File: BM047603.D

Acq: 23 Sep 2024 14:25

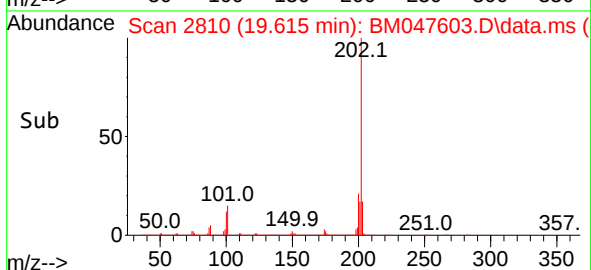
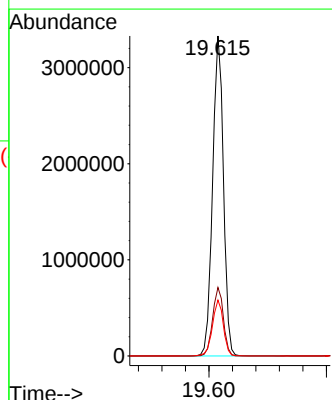
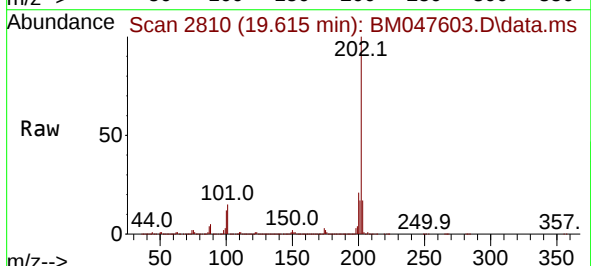
Tgt Ion:202 Resp: 4255840

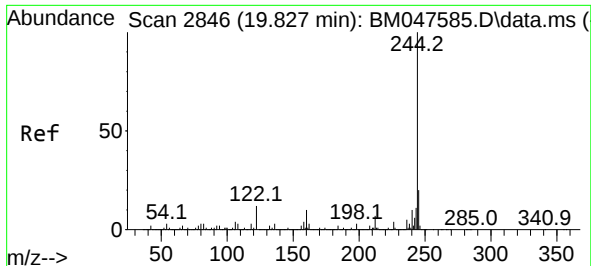
Ion Ratio Lower Upper

202 100

200 21.4 17.2 25.8

203 17.5 13.8 20.8

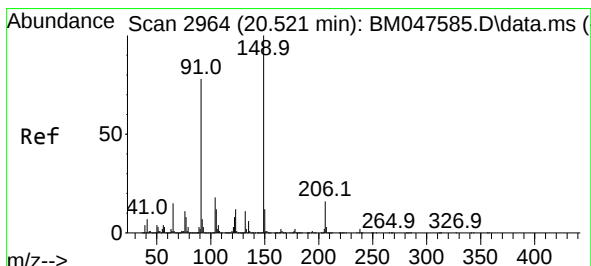
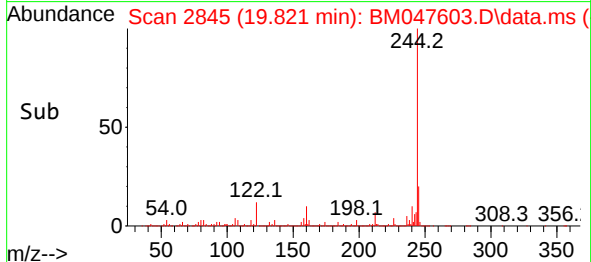
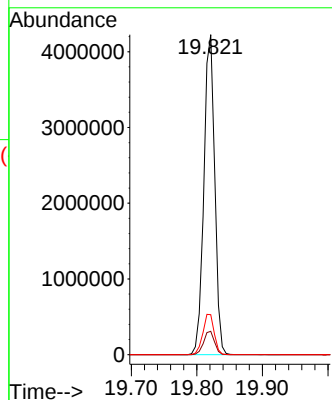
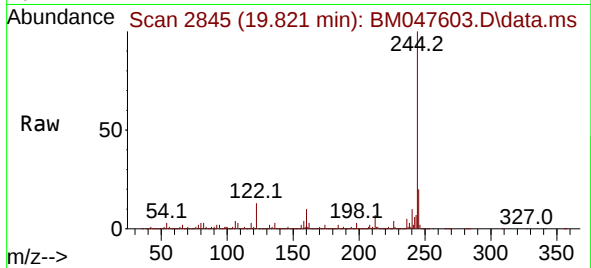




#79
 Terphenyl-d14
 Concen: 87.050 ng
 RT: 19.821 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM047603.D
 Acq: 23 Sep 2024 14:25

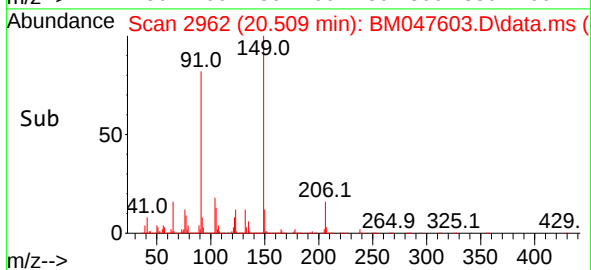
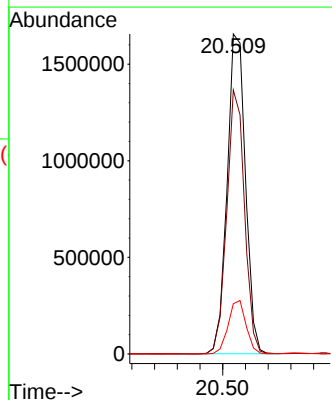
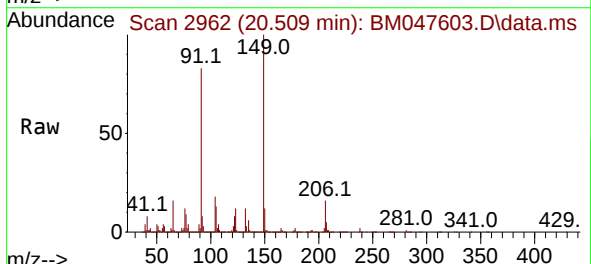
Instrument :
 BNA_M
 ClientSampleId :
 S1-6MSD

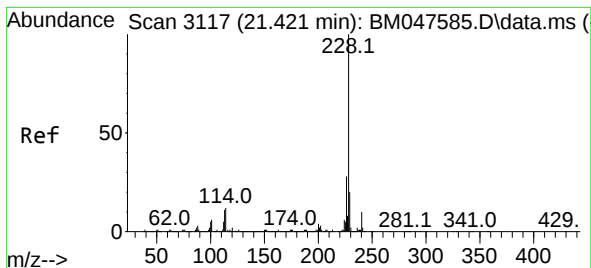
Tgt Ion:244 Resp: 4881203
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 12.5 10.0 15.0



#80
 Butylbenzylphthalate
 Concen: 60.678 ng
 RT: 20.509 min Scan# 2962
 Delta R.T. -0.012 min
 Lab File: BM047603.D
 Acq: 23 Sep 2024 14:25

Tgt Ion:149 Resp: 1860144
 Ion Ratio Lower Upper
 149 100
 91 82.5 62.3 93.5
 206 15.7 13.0 19.6





#81

Benzo(a)anthracene

Concen: 55.759 ng

RT: 21.409 min Scan# 3115

Delta R.T. -0.012 min

Lab File: BM047603.D

Acq: 23 Sep 2024 14:25

Instrument :

BNA_M

ClientSampleId :

S1-6MSD

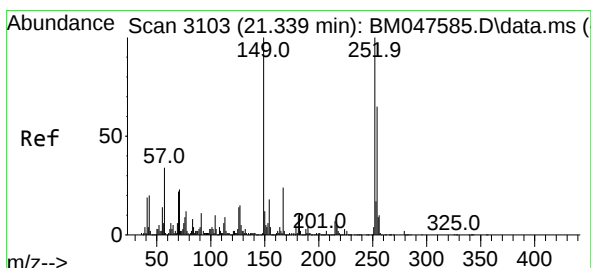
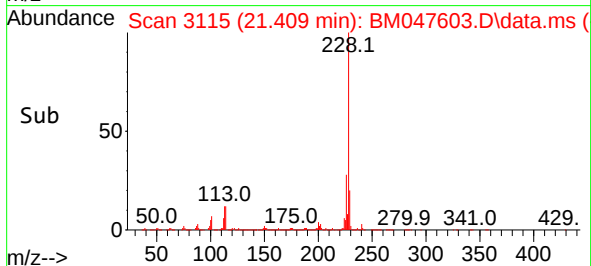
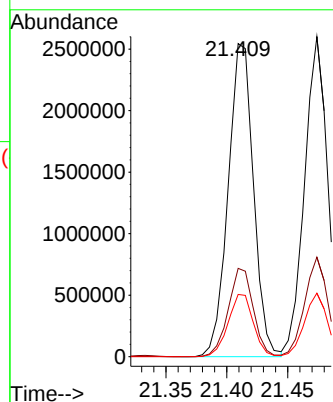
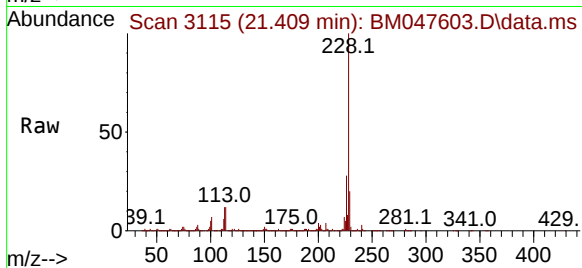
Tgt Ion:228 Resp: 3688741

Ion Ratio Lower Upper

228 100

226 28.2 22.4 33.6

229 19.8 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 42.469 ng

RT: 21.333 min Scan# 3102

Delta R.T. -0.006 min

Lab File: BM047603.D

Acq: 23 Sep 2024 14:25

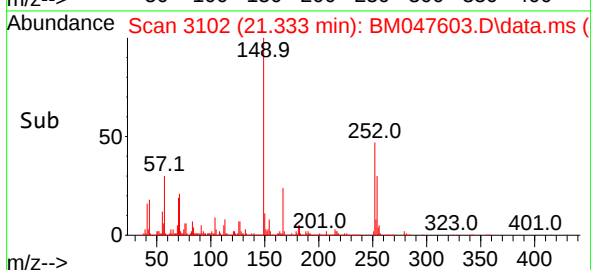
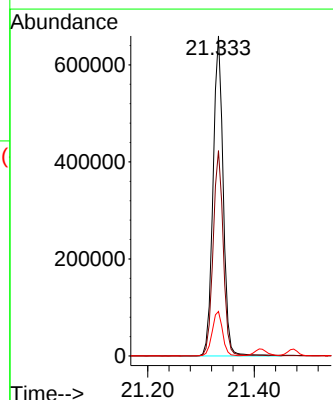
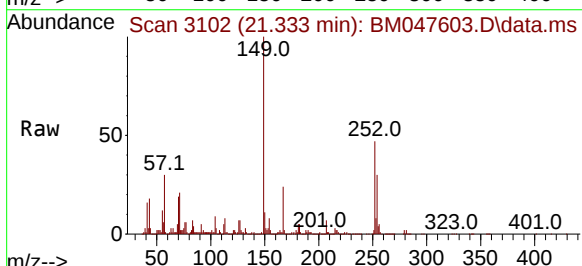
Tgt Ion:252 Resp: 872520

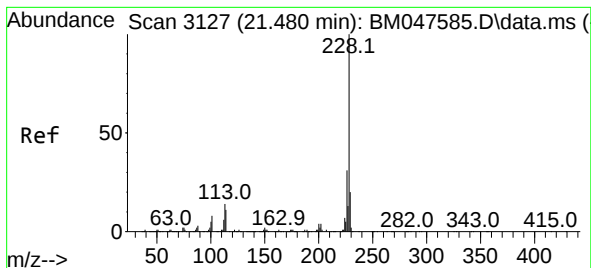
Ion Ratio Lower Upper

252 100

254 64.1 52.3 78.5

126 13.9 11.4 17.0





#83

Chrysene

Concen: 54.985 ng

RT: 21.474 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM047603.D

Acq: 23 Sep 2024 14:25

Instrument :

BNA_M

ClientSampleId :

S1-6MSD

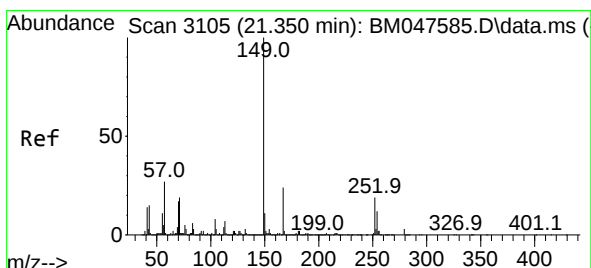
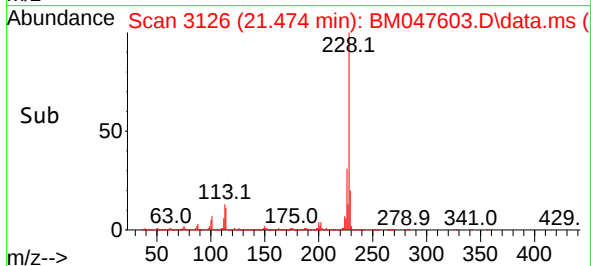
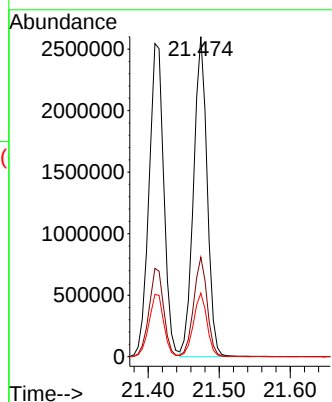
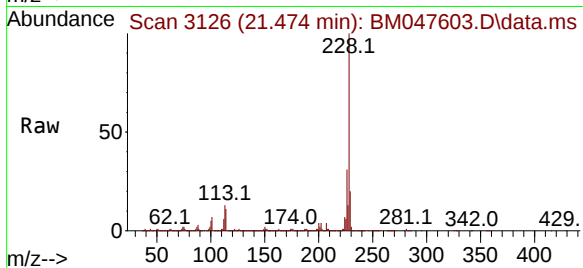
Tgt Ion:228 Resp: 3459324

Ion Ratio Lower Upper

228 100

226 31.1 24.9 37.3

229 19.8 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.552 ng

RT: 21.339 min Scan# 3103

Delta R.T. -0.012 min

Lab File: BM047603.D

Acq: 23 Sep 2024 14:25

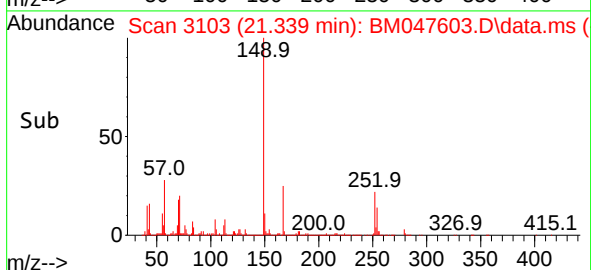
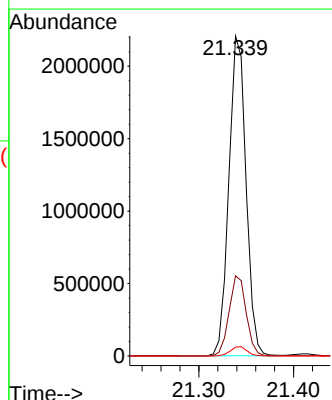
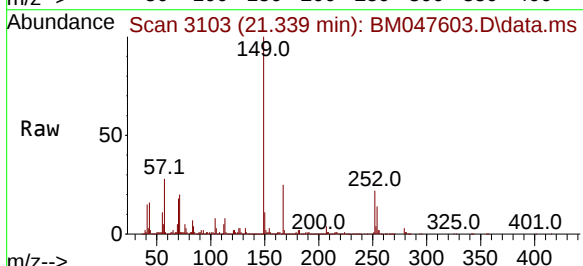
Tgt Ion:149 Resp: 2772984

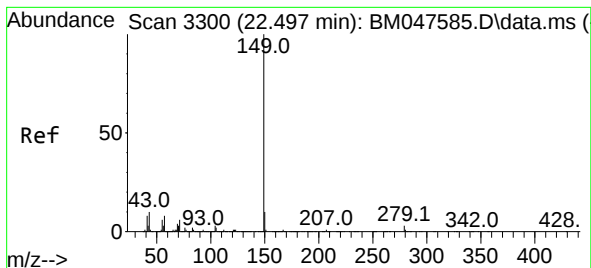
Ion Ratio Lower Upper

149 100

167 25.0 19.5 29.3

279 2.7 2.3 3.5





#85

Di-n-octyl phthalate

Concen: 54.870 ng

RT: 22.486 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM047603.D

Acq: 23 Sep 2024 14:25

Instrument :

BNA_M

ClientSampleId :

S1-6MSD

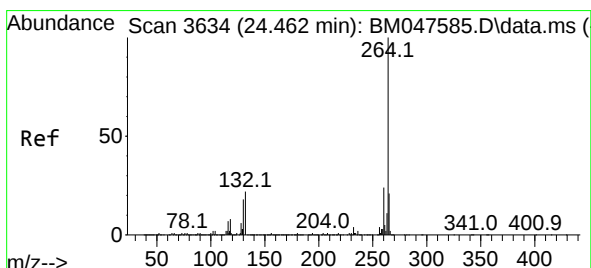
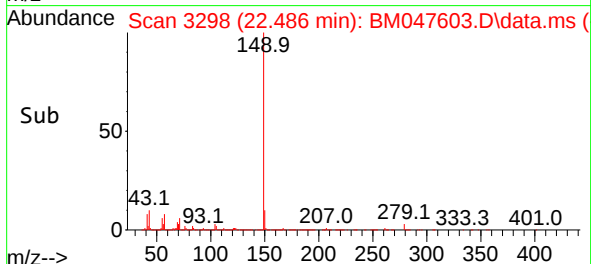
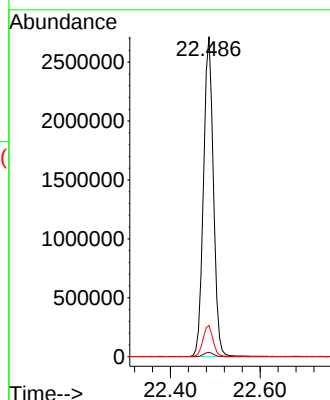
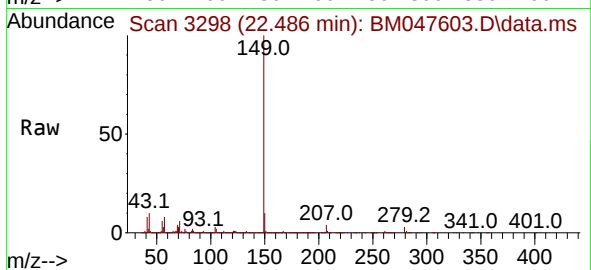
Tgt Ion:149 Resp: 4151737

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

43 9.8 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.450 min Scan# 3632

Delta R.T. -0.012 min

Lab File: BM047603.D

Acq: 23 Sep 2024 14:25

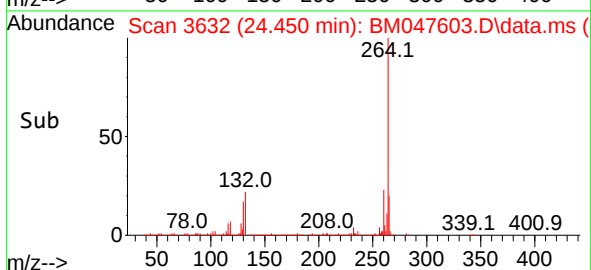
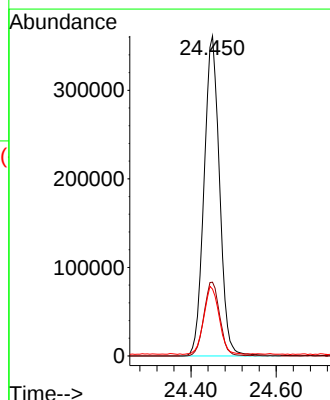
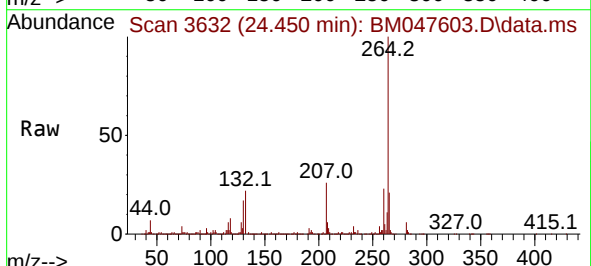
Tgt Ion:264 Resp: 911194

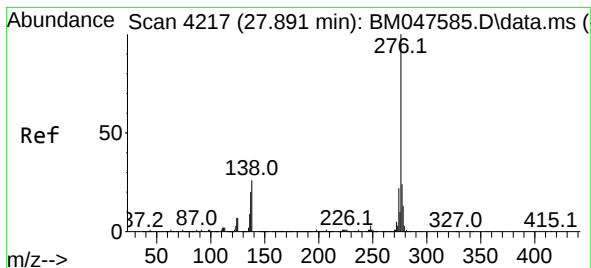
Ion Ratio Lower Upper

264 100

260 23.1 18.9 28.3

265 20.9 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 56.909 ng

RT: 27.868 min Scan# 41

Delta R.T. -0.023 min

Lab File: BM047603.D

Acq: 23 Sep 2024 14:25

Instrument :

BNA_M

ClientSampleId :

S1-6MSD

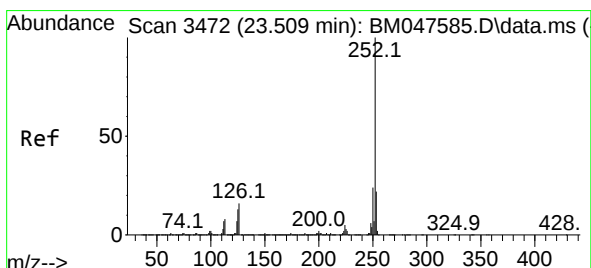
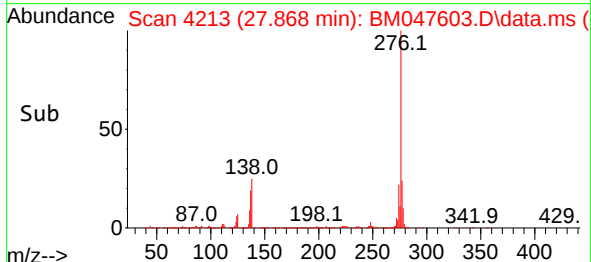
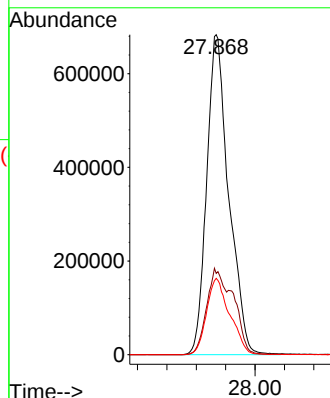
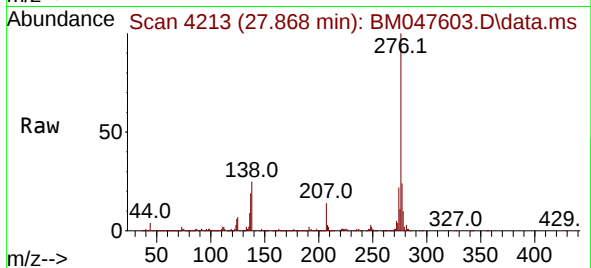
Tgt Ion:276 Resp: 3565747

Ion Ratio Lower Upper

276 100

138 21.6 18.1 27.1

277 25.1 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 54.556 ng

RT: 23.497 min Scan# 3470

Delta R.T. -0.012 min

Lab File: BM047603.D

Acq: 23 Sep 2024 14:25

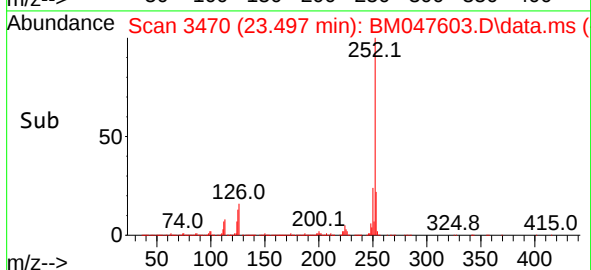
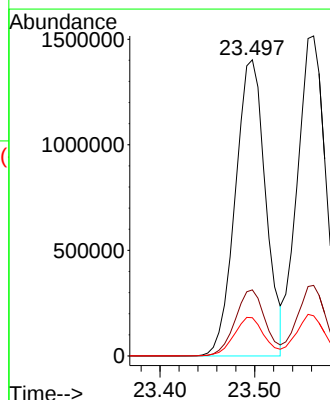
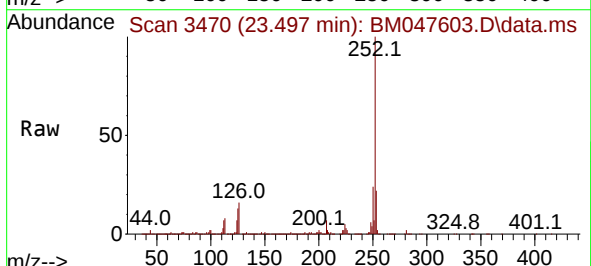
Tgt Ion:252 Resp: 3124390

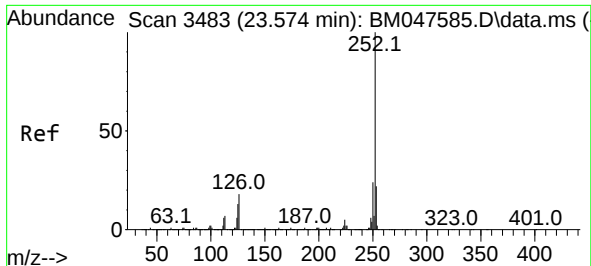
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 12.9 10.2 15.2

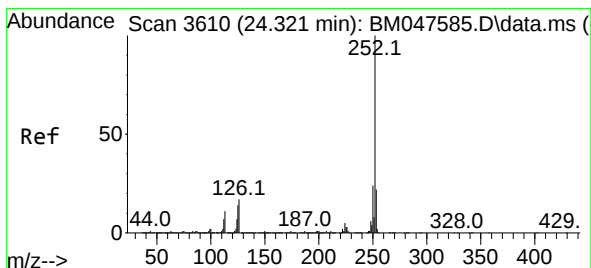
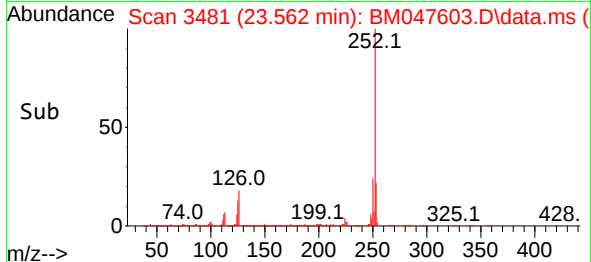
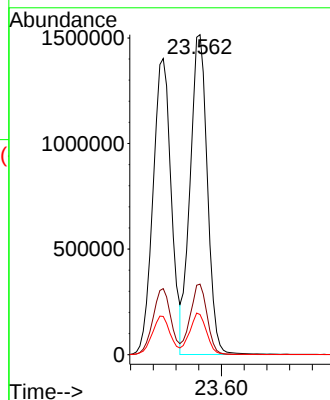
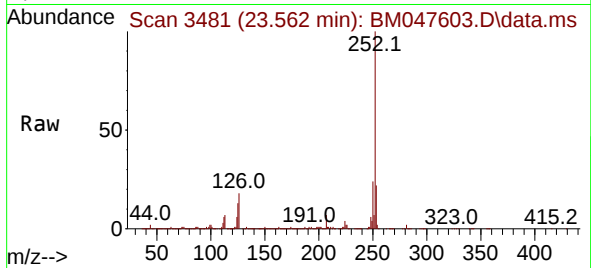




#89
Benzo(k)fluoranthene
Concen: 56.715 ng
RT: 23.562 min Scan# 34
Delta R.T. -0.012 min
Lab File: BM047603.D
Acq: 23 Sep 2024 14:25

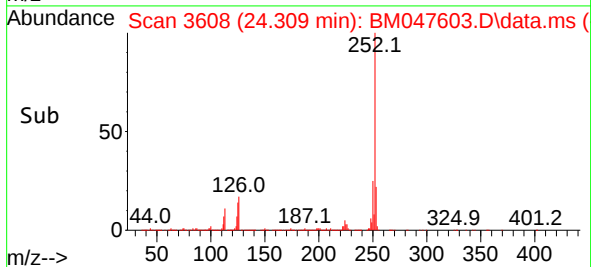
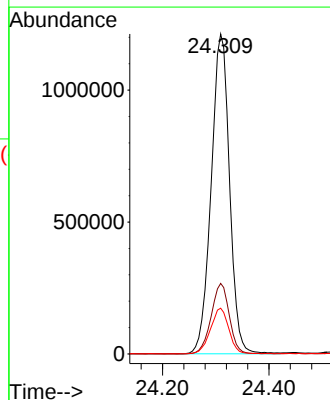
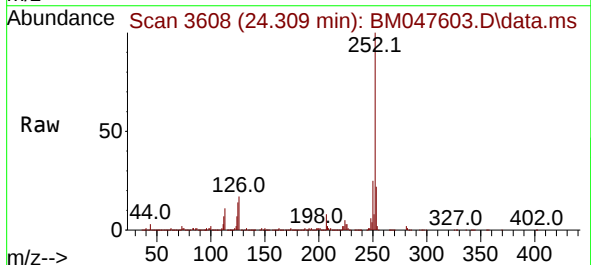
Instrument :
BNA_M
ClientSampleId :
S1-6MSD

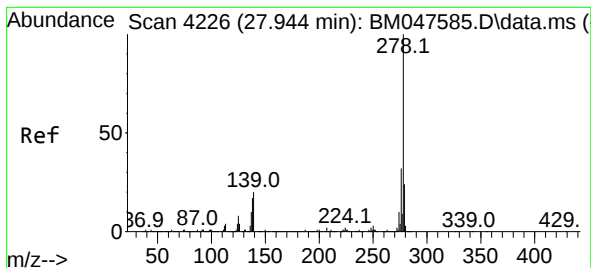
Tgt Ion:252 Resp: 3188408
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 12.6 10.2 15.4



#90
Benzo(a)pyrene
Concen: 59.684 ng
RT: 24.309 min Scan# 3608
Delta R.T. -0.012 min
Lab File: BM047603.D
Acq: 23 Sep 2024 14:25

Tgt Ion:252 Resp: 2897976
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 14.3 11.5 17.3





#91

Dibenzo(a,h)anthracene

Concen: 55.986 ng

RT: 27.927 min Scan# 41

Delta R.T. -0.017 min

Lab File: BM047603.D

Acq: 23 Sep 2024 14:25

Instrument :

BNA_M

ClientSampleId :

S1-6MSD

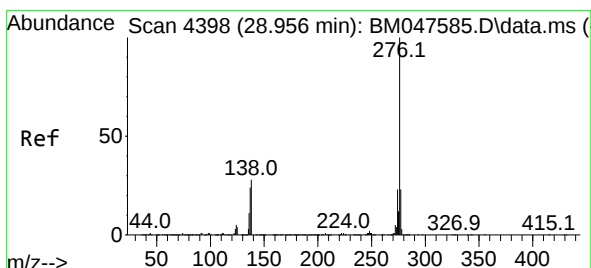
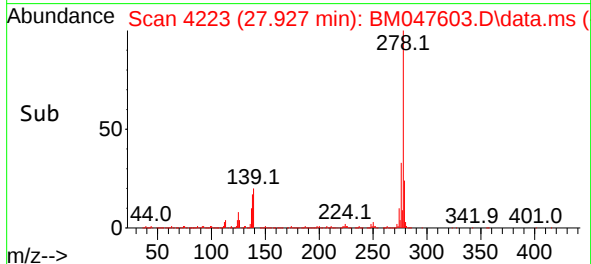
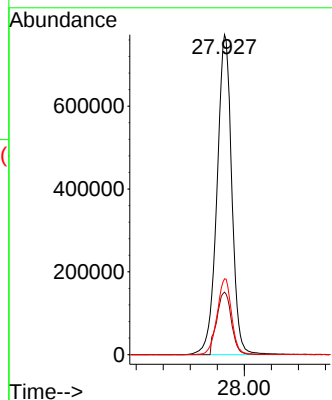
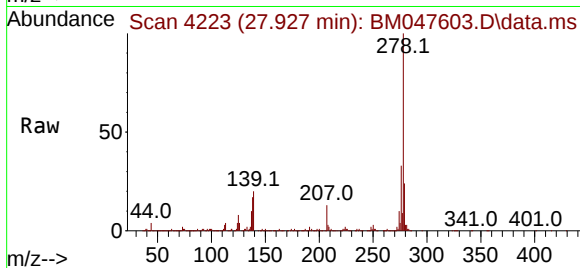
Tgt Ion:278 Resp: 2930160

Ion Ratio Lower Upper

278 100

139 19.5 16.4 24.6

279 23.7 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 50.966 ng

RT: 28.932 min Scan# 4394

Delta R.T. -0.023 min

Lab File: BM047603.D

Acq: 23 Sep 2024 14:25

Tgt Ion:276 Resp: 2673311

Ion Ratio Lower Upper

276 100

277 24.3 18.3 27.5

138 28.2 22.3 33.5

