

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102524\
 Data File : BM048233.D
 Acq On : 25 Oct 2024 12:58
 Operator : RC/JU
 Sample : PB164369BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB164369BSD

Quant Time: Oct 25 14:30:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 23 18:21:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	239298	20.000	ng	0.00
21) Naphthalene-d8	10.504	136	913341	20.000	ng	-0.01
39) Acenaphthene-d10	14.363	164	513456	20.000	ng	0.00
64) Phenanthrene-d10	17.104	188	916015	20.000	ng	0.00
76) Chrysene-d12	21.333	240	699111	20.000	ng	0.00
86) Perylene-d12	24.280	264	737917	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.305	112	2081138	146.189	ng	0.00
7) Phenol-d6	6.904	99	2505490	135.141	ng	0.00
23) Nitrobenzene-d5	8.875	82	1533785	94.819	ng	0.00
42) 2,4,6-Tribromophenol	15.857	330	829498	131.986	ng	0.00
45) 2-Fluorobiphenyl	12.981	172	3228427	96.484	ng	0.00
79) Terphenyl-d14	19.733	244	3755388	109.621	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.205	88	233263	40.029	ng	99
3) Pyridine	3.605	79	623685	40.290	ng	99
4) n-Nitrosodimethylamine	3.511	42	318581	48.471	ng	99
6) Aniline	7.052	93	758054	49.258	ng	98
8) 2-Chlorophenol	7.287	128	774078	50.049	ng	100
9) Benzaldehyde	6.863	77	129106	14.174	ng	100
10) Phenol	6.928	94	924498	49.564	ng	99
11) bis(2-Chloroethyl)ether	7.146	93	725750	48.849	ng	99
12) 1,3-Dichlorobenzene	7.604	146	823926	46.207	ng	99
13) 1,4-Dichlorobenzene	7.751	146	833847	46.031	ng	98
14) 1,2-Dichlorobenzene	8.069	146	809563	46.241	ng	99
15) Benzyl Alcohol	7.963	79	614029	51.914	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.240	45	1072710	49.363	ng	98
17) 2-Methylphenol	8.169	107	605318	48.837	ng	99
18) Hexachloroethane	8.793	117	306345	46.140	ng	95
19) n-Nitroso-di-n-propyla...	8.528	70	525529	44.805	ng	99
20) 3+4-Methylphenols	8.498	107	813980	47.407	ng	98
22) Acetophenone	8.540	105	1066939	47.865	ng	99
24) Nitrobenzene	8.916	77	784288	46.795	ng	99
25) Isophorone	9.445	82	1402532	47.302	ng	99
26) 2-Nitrophenol	9.628	139	391898	50.642	ng	99
27) 2,4-Dimethylphenol	9.693	122	572056	60.930	ng	100
28) bis(2-Chloroethoxy)met...	9.922	93	911890	48.601	ng	98
29) 2,4-Dichlorophenol	10.163	162	675572	50.020	ng	99
30) 1,2,4-Trichlorobenzene	10.375	180	710506	45.933	ng	99
31) Naphthalene	10.557	128	2223360	46.674	ng	99
32) Benzoic acid	9.863	122	446917	42.764	ng	98
33) 4-Chloroaniline	10.675	127	319702	20.693	ng	99
34) Hexachlorobutadiene	10.845	225	445942	46.516	ng	97
35) Caprolactam	11.469	113	181897	41.460	ng	94
36) 4-Chloro-3-methylphenol	11.810	107	647545	45.928	ng	99
37) 2-Methylnaphthalene	12.175	142	1480825	46.527	ng	99
38) 1-Methylnaphthalene	12.398	142	1375410	43.580	ng	100
40) 1,2,4,5-Tetrachloroben...	12.551	216	742646	50.604	ng	98
41) Hexachlorocyclopentadiene	12.528	237	1020250	205.439	ng	98
43) 2,4,6-Trichlorophenol	12.792	196	504377	51.788	ng	100

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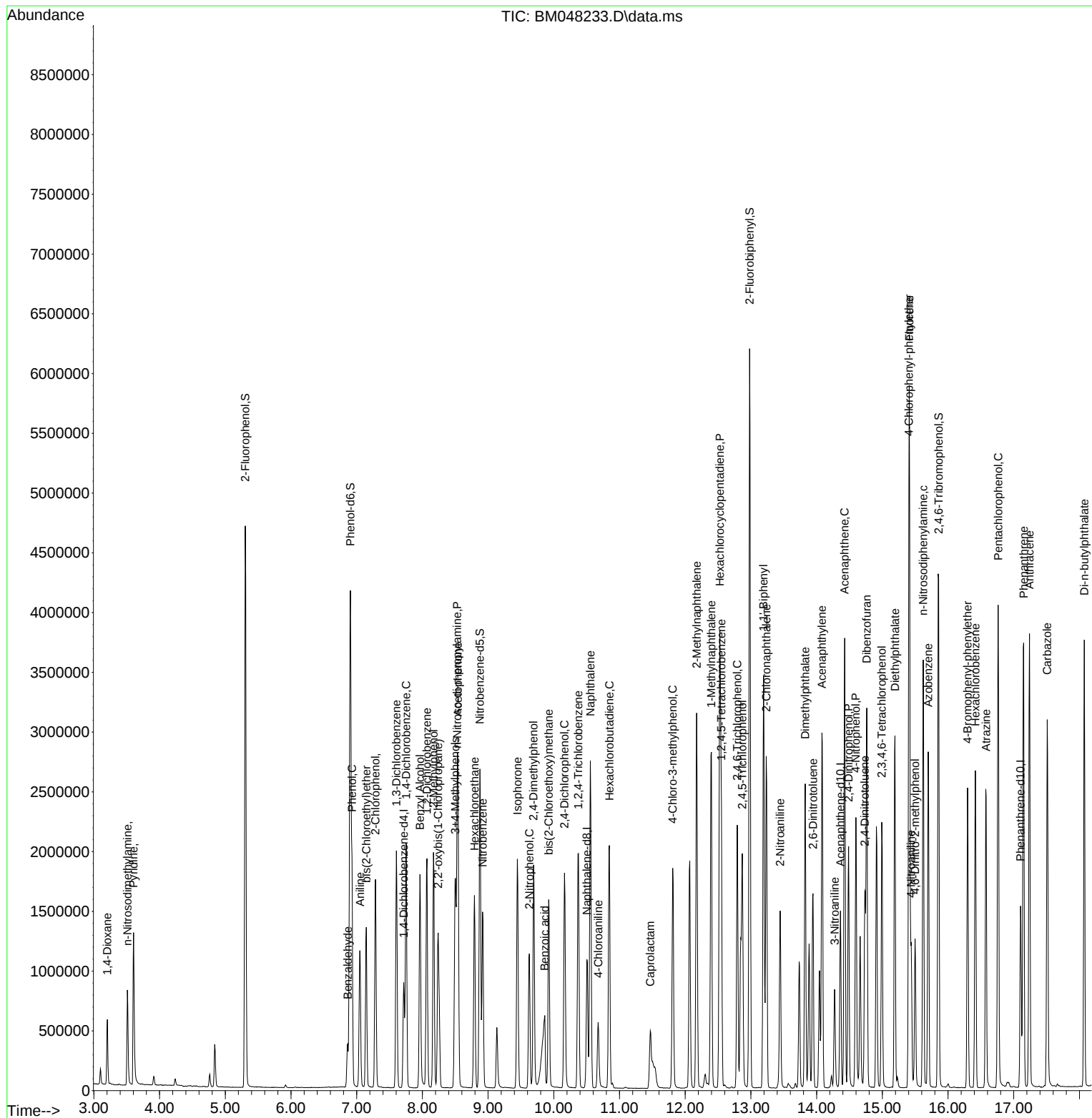
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.869	196	540050	49.726	ng	99
46) 1,1'-Biphenyl	13.192	154	1806463	49.278	ng	99
47) 2-Chloronaphthalene	13.233	162	1401582	48.490	ng	99
48) 2-Nitroaniline	13.445	65	393385	50.179	ng	98
49) Acenaphthylene	14.080	152	2178347	51.656	ng	99
50) Dimethylphthalate	13.828	163	1662733	47.436	ng	99
51) 2,6-Dinitrotoluene	13.945	165	360034	46.034	ng	97
52) Acenaphthene	14.428	154	1307350	48.791	ng	99
53) 3-Nitroaniline	14.275	138	215340	29.196	ng	99
54) 2,4-Dinitrophenol	14.486	184	439629	96.193	ng	99
55) Dibenzofuran	14.763	168	2020924	47.472	ng	99
56) 4-Nitrophenol	14.598	139	632429	96.074	ng	96
57) 2,4-Dinitrotoluene	14.733	165	481215	46.593	ng	100
58) Fluorene	15.410	166	1543051	45.839	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.992	232	434654	48.284	ng	99
60) Diethylphthalate	15.192	149	1634653	46.060	ng	99
61) 4-Chlorophenyl-phenyle...	15.404	204	785377	46.662	ng	98
62) 4-Nitroaniline	15.439	138	346297	45.366	ng	99
63) Azobenzene	15.698	77	1545366	48.584	ng	100
65) 4,6-Dinitro-2-methylph...	15.498	198	277984	52.303	ng	99
66) n-Nitrosodiphenylamine	15.622	169	1329437	52.868	ng	100
67) 4-Bromophenyl-phenylether	16.298	248	471288	50.746	ng	99
68) Hexachlorobenzene	16.416	284	550844	49.383	ng	99
69) Atrazine	16.580	200	451420	64.158	ng	98
70) Pentachlorophenol	16.763	266	712070	97.233	ng	100
71) Phenanthrene	17.151	178	2277951	50.221	ng	99
72) Anthracene	17.239	178	2309397	52.595	ng	99
73) Carbazole	17.510	167	2043704	47.479	ng	99
74) Di-n-butylphthalate	18.074	149	2603062	48.584	ng	100
75) Fluoranthene	19.162	202	2398028	44.320	ng	99
77) Benzidine	19.351	184	846649	104.934	ng	100
78) Pyrene	19.527	202	2548311	54.459	ng	100
80) Butylbenzylphthalate	20.427	149	1033558	52.820	ng	99
81) Benzo(a)anthracene	21.315	228	2272826	50.875	ng	99
82) 3,3'-Dichlorobenzidine	21.239	252	531097	34.706	ng	99
83) Chrysene	21.374	228	2146699	50.061	ng	100
84) Bis(2-ethylhexyl)phtha...	21.239	149	1475826	51.892	ng	99
85) Di-n-octyl phthalate	22.351	149	2440203	49.541	ng	100
87) Indeno(1,2,3-cd)pyrene	27.603	276	2639431	54.091	ng	100
88) Benzo(b)fluoranthene	23.350	252	2179954	51.524	ng	100
89) Benzo(k)fluoranthene	23.409	252	2154133	52.660	ng	99
90) Benzo(a)pyrene	24.145	252	2042425	55.526	ng	99
91) Dibenzo(a,h)anthracene	27.656	278	2177602	53.589	ng	99
92) Benzo(g,h,i)perylene	28.638	276	2034294	48.889	ng	99

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

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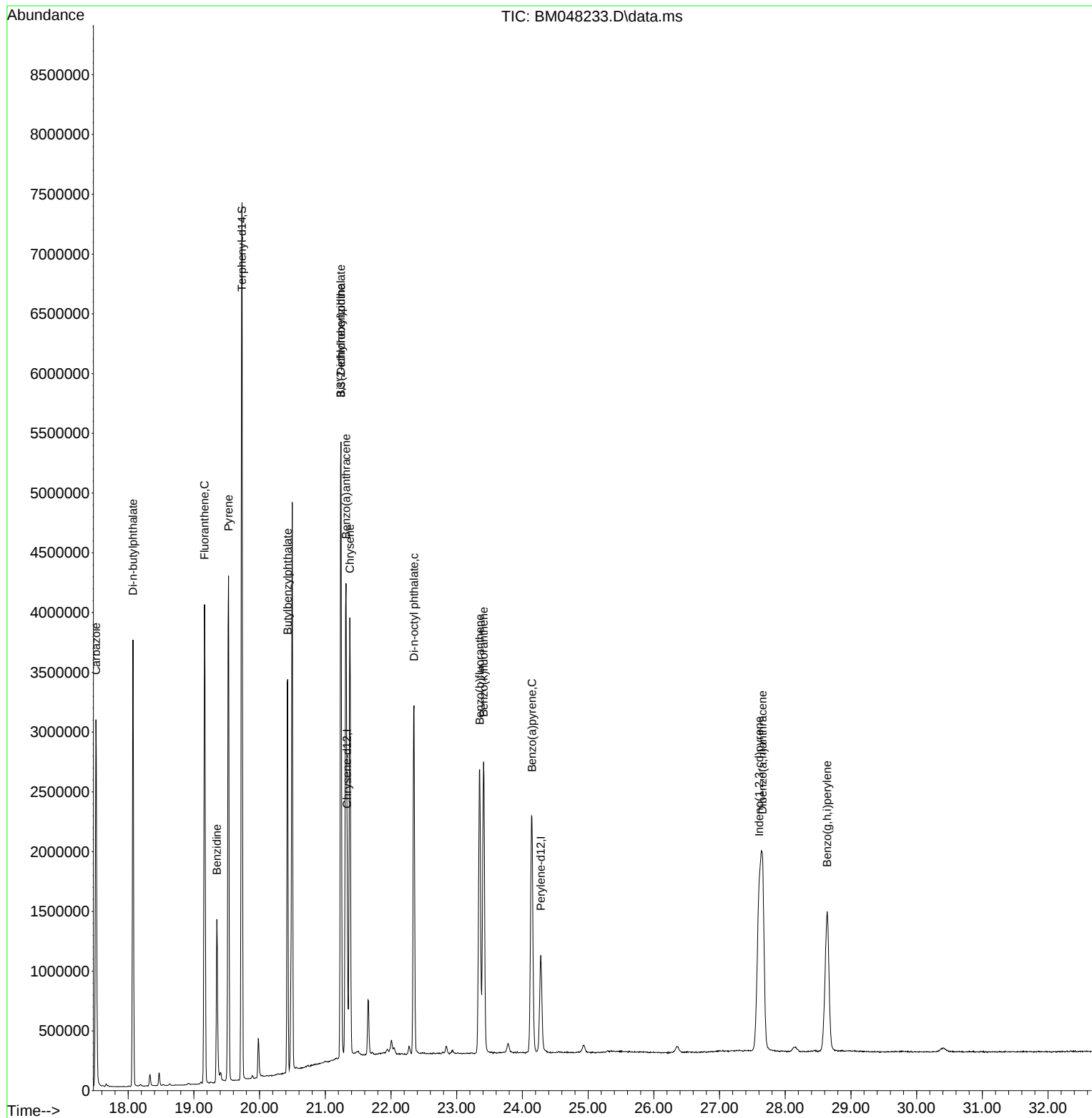
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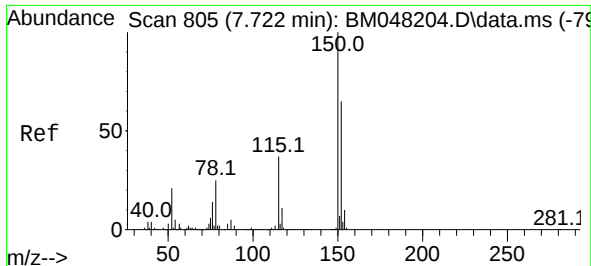


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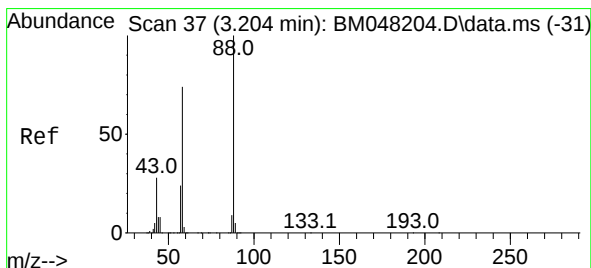
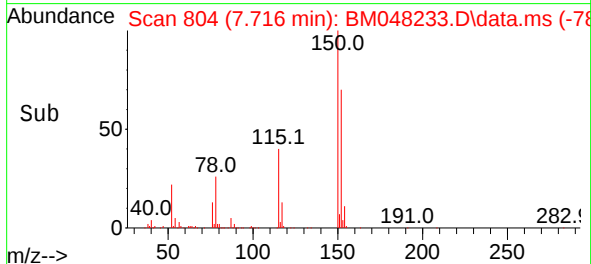
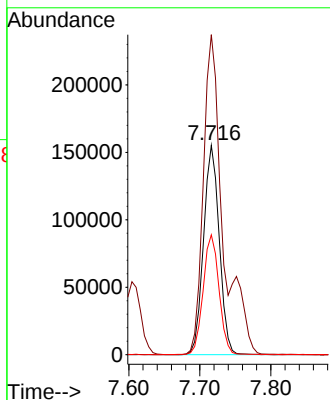
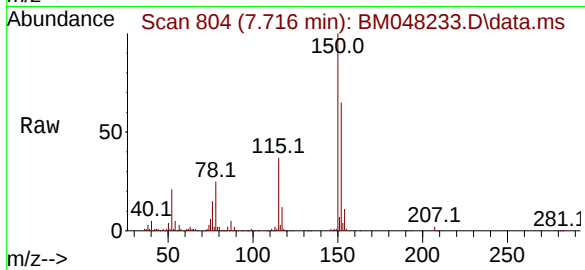




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.716 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM048233.D
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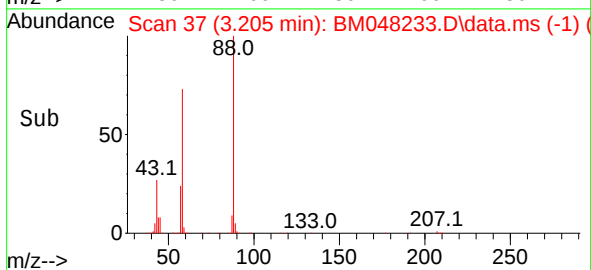
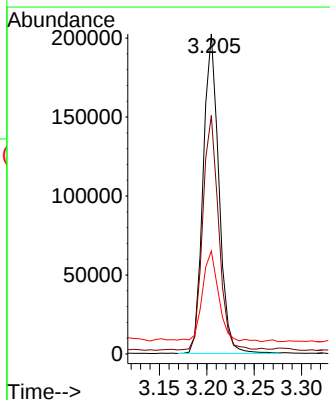
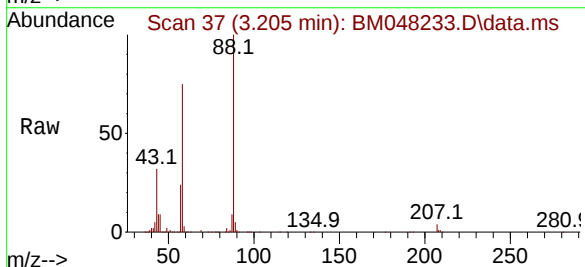
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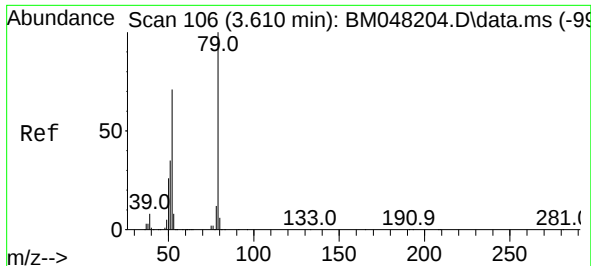
Tgt Ion:152 Resp: 239298
Ion Ratio Lower Upper
152 100
150 152.9 123.0 184.6
115 57.2 45.8 68.6



#2
1,4-Dioxane
Concen: 40.029 ng
RT: 3.205 min Scan# 37
Delta R.T. 0.000 min
Lab File: BM048233.D
Acq: 25 Oct 2024 12:58

Tgt Ion: 88 Resp: 233263
Ion Ratio Lower Upper
88 100
58 73.8 59.7 89.5
43 29.4 22.6 33.8

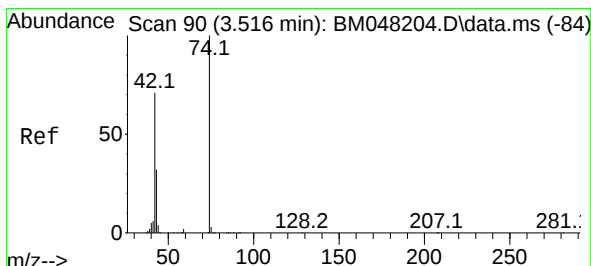
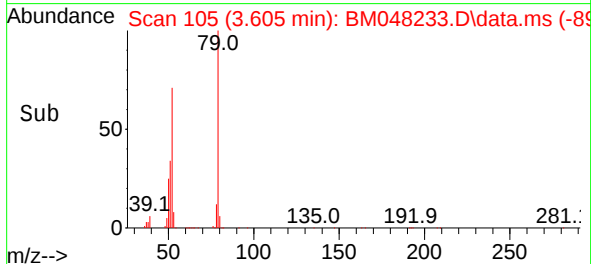
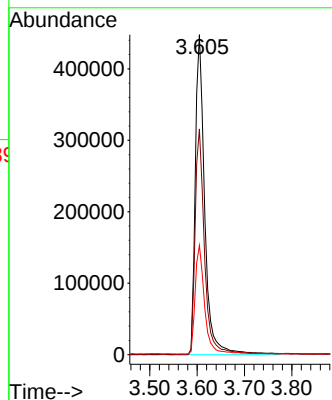
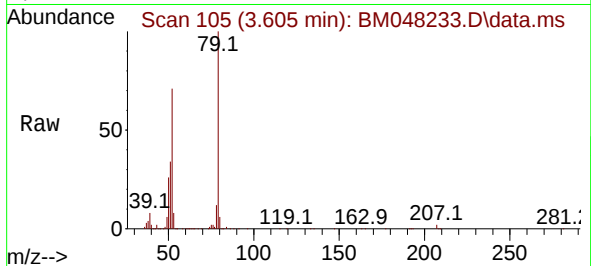




#3
Pyridine
Concen: 40.290 ng
RT: 3.605 min Scan# 106
Delta R.T. -0.006 min
Lab File: BM048233.D
Acq: 25 Oct 2024 12:58

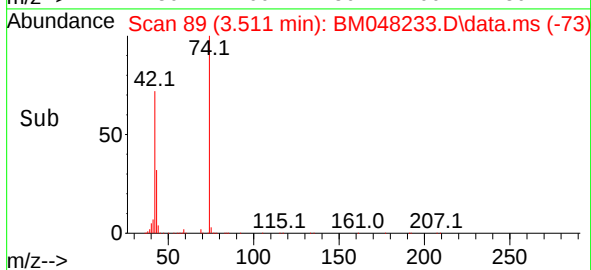
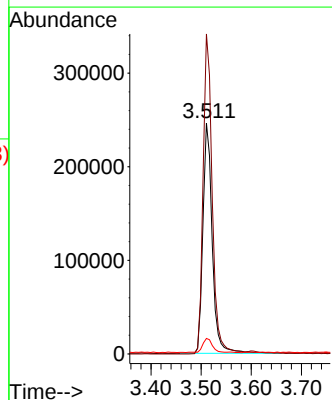
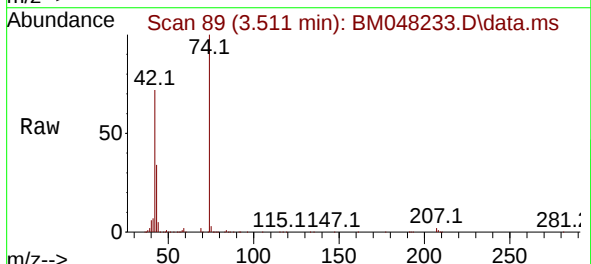
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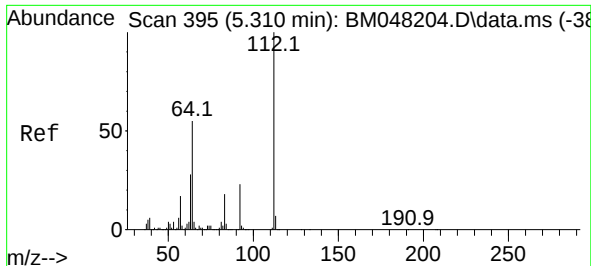
Tgt Ion: 79 Resp: 623685
Ion Ratio Lower Upper
79 100
52 70.5 56.5 84.7
51 34.2 28.5 42.7



#4
n-Nitrosodimethylamine
Concen: 48.471 ng
RT: 3.511 min Scan# 89
Delta R.T. -0.006 min
Lab File: BM048233.D
Acq: 25 Oct 2024 12:58

Tgt Ion: 42 Resp: 318581
Ion Ratio Lower Upper
42 100
74 138.6 111.8 167.6
44 6.7 6.0 9.0

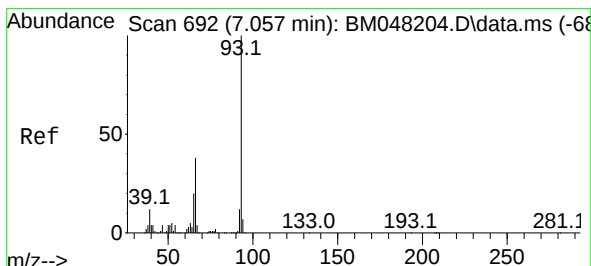
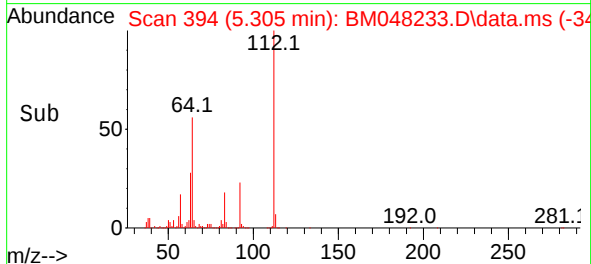
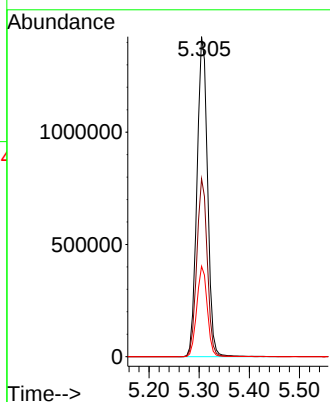
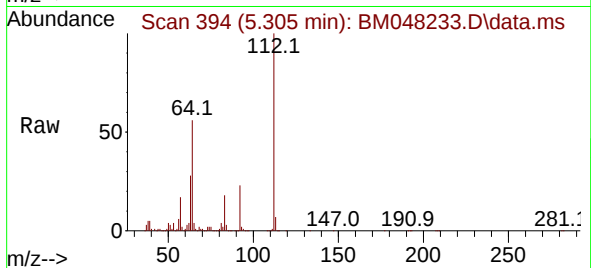




#5
2-Fluorophenol
Concen: 146.189 ng
RT: 5.305 min Scan# 395
Delta R.T. -0.006 min
Lab File: BM048233.D
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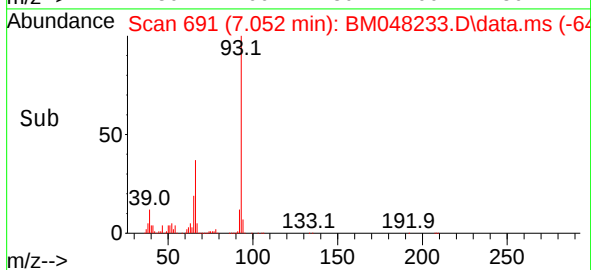
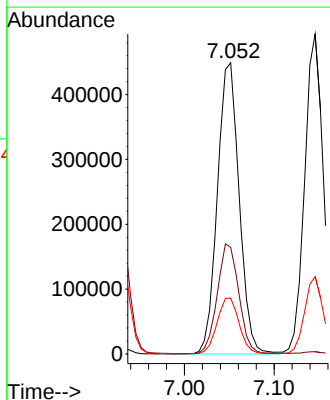
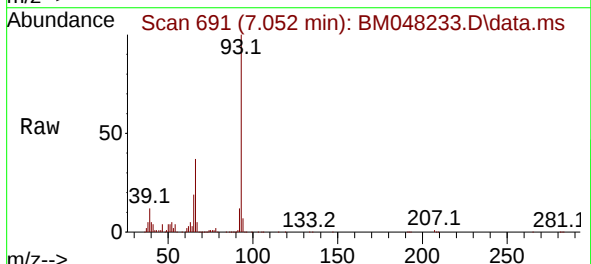
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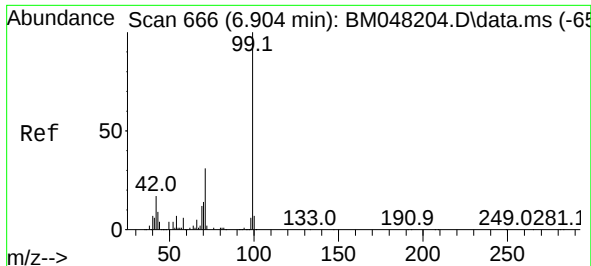
Tgt Ion:112 Resp: 2081138
Ion Ratio Lower Upper
112 100
64 55.6 44.2 66.2
63 28.3 22.7 34.1



#6
Aniline
Concen: 49.258 ng
RT: 7.052 min Scan# 691
Delta R.T. -0.006 min
Lab File: BM048233.D
Acq: 25 Oct 2024 12:58

Tgt Ion: 93 Resp: 758054
Ion Ratio Lower Upper
93 100
66 36.6 30.2 45.2
65 19.2 16.2 24.2

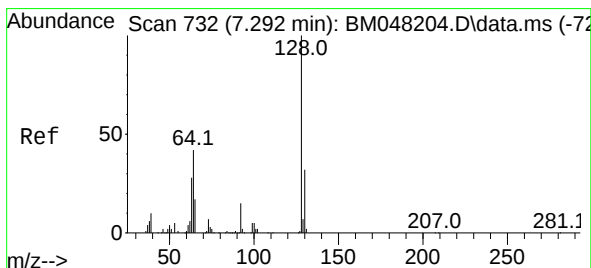
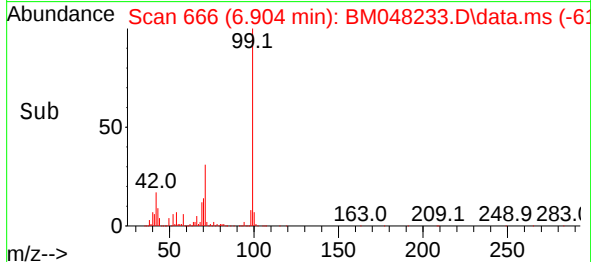
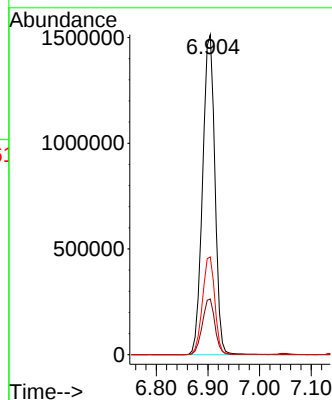
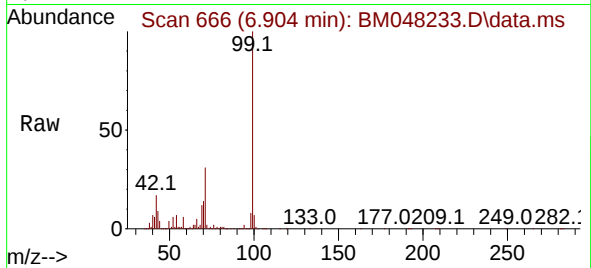




#7
Phenol-d6
Concen: 135.141 ng
RT: 6.904 min Scan# 666
Delta R.T. 0.000 min
Lab File: BM048233.D
Acq: 25 Oct 2024 12:58

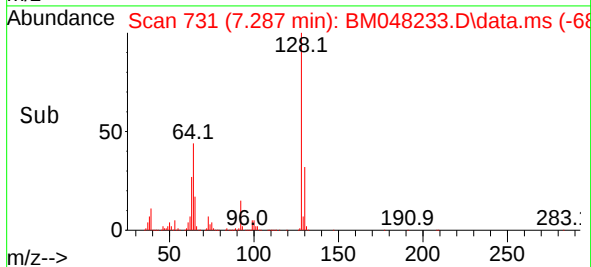
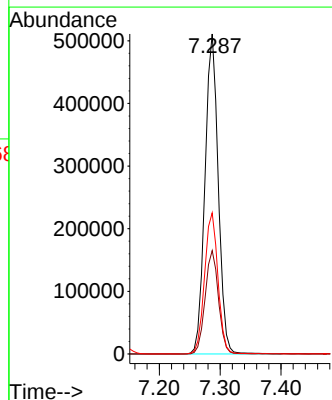
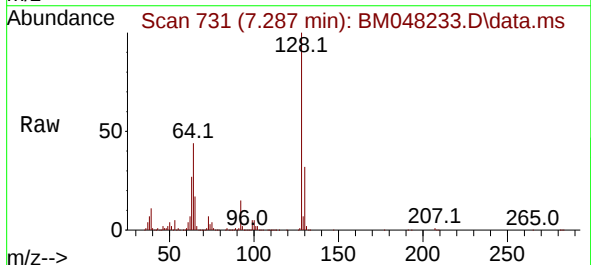
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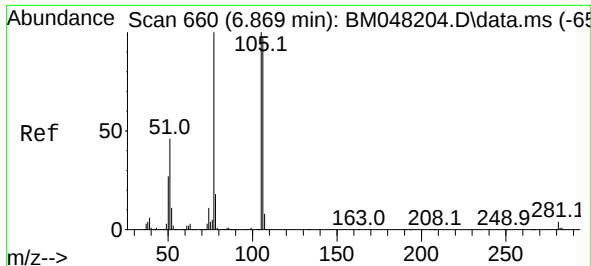
Tgt Ion: 99 Resp: 2505490
Ion Ratio Lower Upper
99 100
42 17.4 13.8 20.8
71 30.6 24.9 37.3



#8
2-Chlorophenol
Concen: 50.049 ng
RT: 7.287 min Scan# 731
Delta R.T. -0.006 min
Lab File: BM048233.D
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Tgt Ion:128 Resp: 774078
Ion Ratio Lower Upper
128 100
130 32.3 12.1 52.1
64 44.1 23.8 63.8

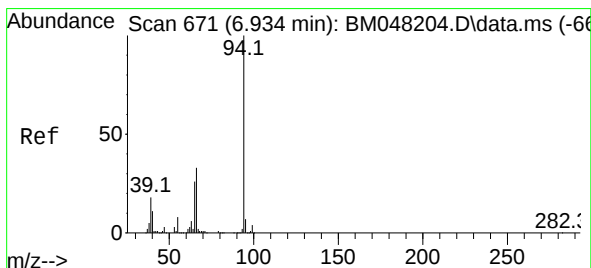
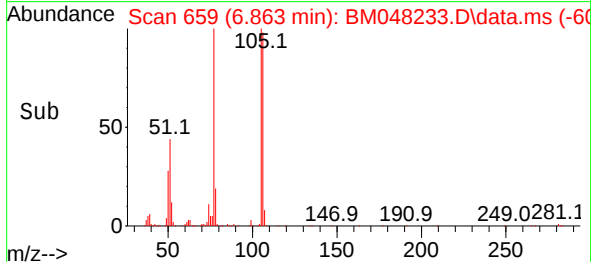
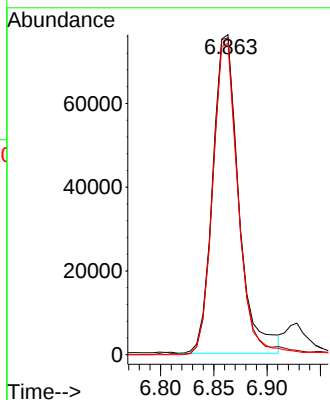
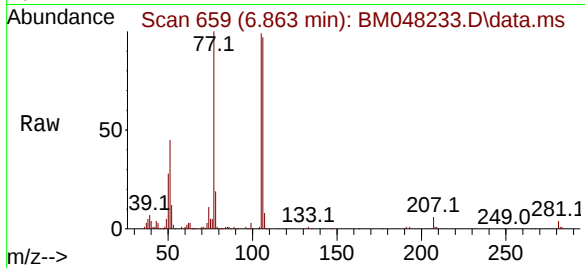




#9
Benzaldehyde
Concen: 14.174 ng
RT: 6.863 min Scan# 61
Delta R.T. -0.006 min
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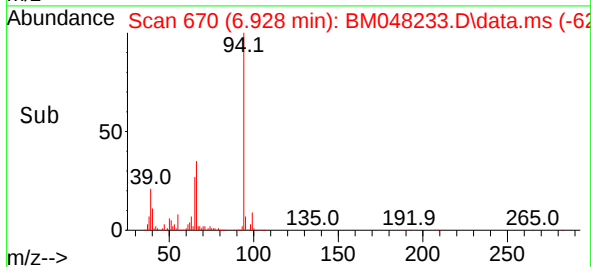
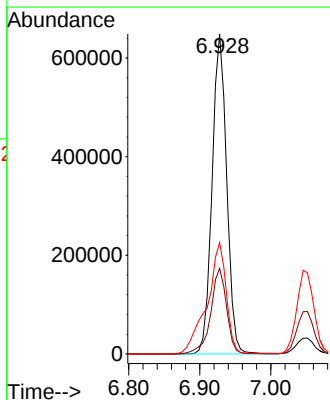
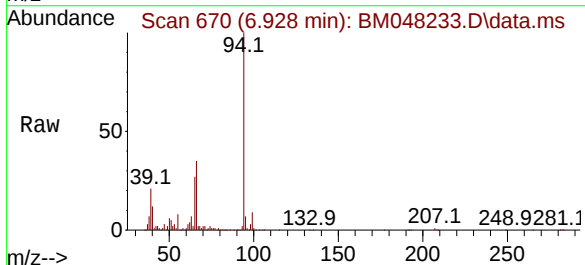
Instrument :
BNA_M
ClientSampleId :
PB164369BSD

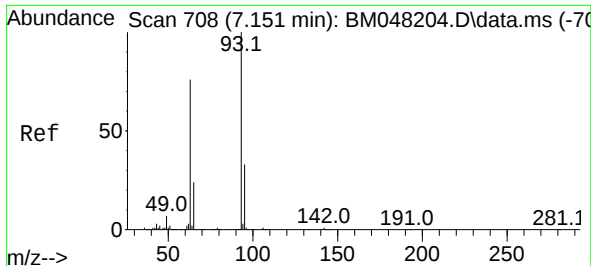
Tgt Ion: 77 Resp: 129106
Ion Ratio Lower Upper
77 100
105 99.0 79.6 119.6
106 97.2 77.0 117.0



#10
Phenol
Concen: 49.564 ng
RT: 6.928 min Scan# 670
Delta R.T. -0.006 min
Lab File: BM048233.D
Acq: 25 Oct 2024 12:58

Tgt Ion: 94 Resp: 924498
Ion Ratio Lower Upper
94 100
65 26.8 6.5 46.5
66 34.8 13.6 53.6

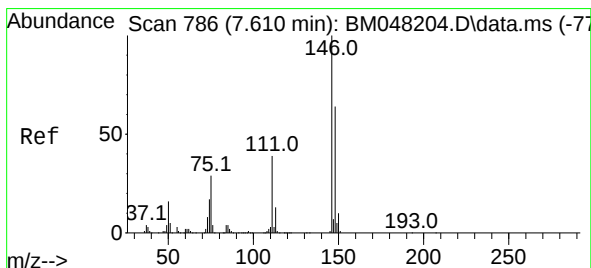
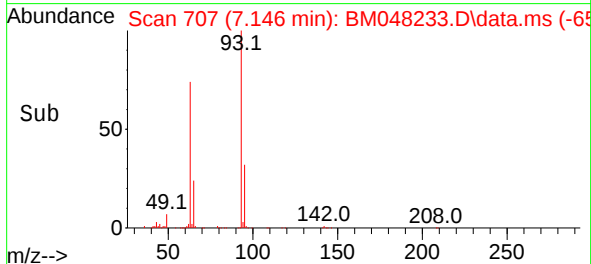
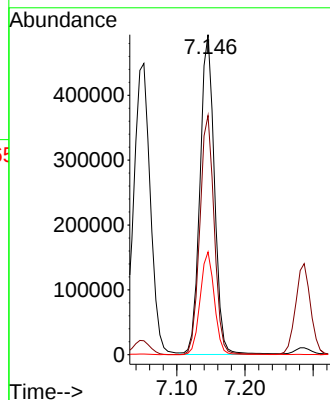
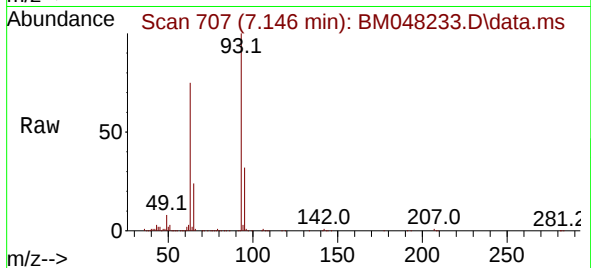




#11
bis(2-Chloroethyl)ether
Concen: 48.849 ng
RT: 7.146 min Scan# 708
Delta R.T. -0.006 min
Lab File: BM048233.D
Acq: 25 Oct 2024 12:58

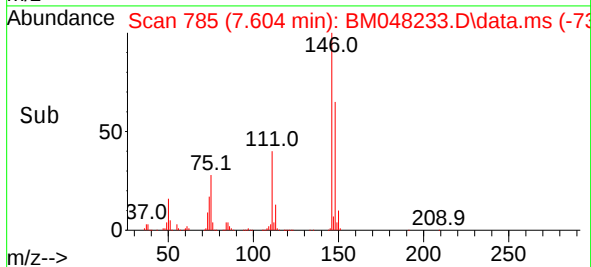
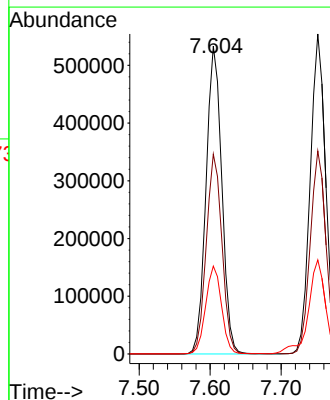
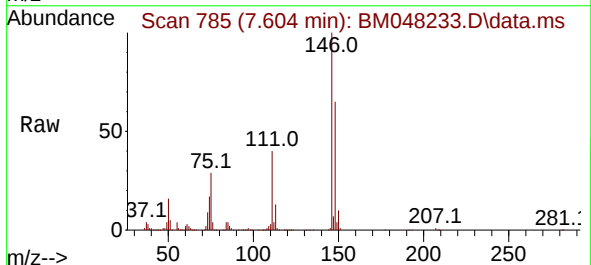
Instrument :
BNA_M
ClientSampleId :
PB164369BSD

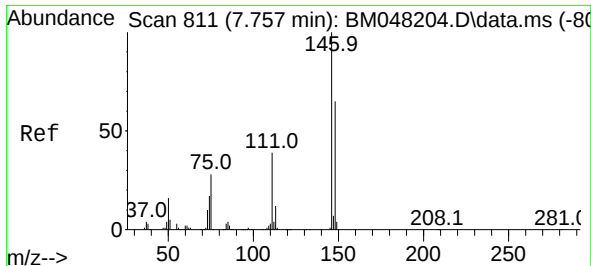
Tgt Ion: 93 Resp: 725750
Ion Ratio Lower Upper
93 100
63 74.8 55.3 95.3
95 32.1 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 46.207 ng
RT: 7.604 min Scan# 785
Delta R.T. -0.006 min
Lab File: BM048233.D
Acq: 25 Oct 2024 12:58

Tgt Ion:146 Resp: 823926
Ion Ratio Lower Upper
146 100
148 64.9 51.0 76.6
75 28.6 22.9 34.3





#13

1,4-Dichlorobenzene

Concen: 46.031 ng

RT: 7.751 min Scan# 811

Delta R.T. -0.006 min

Lab File: BM048233.D

Acq: 25 Oct 2024 12:58

Instrument :

BNA_M

ClientSampleId :

PB164369BSD

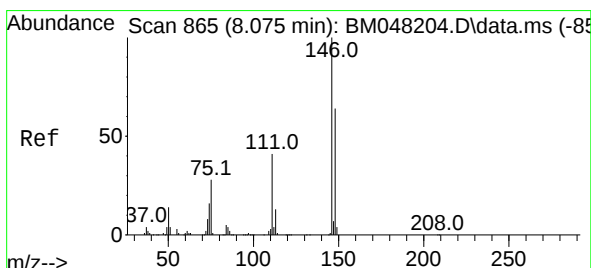
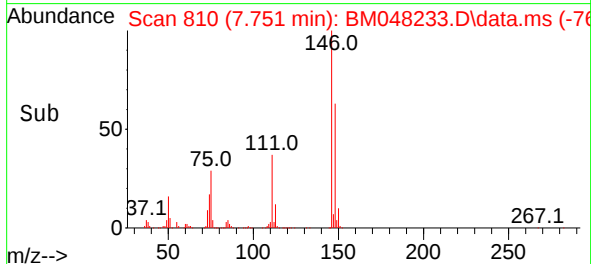
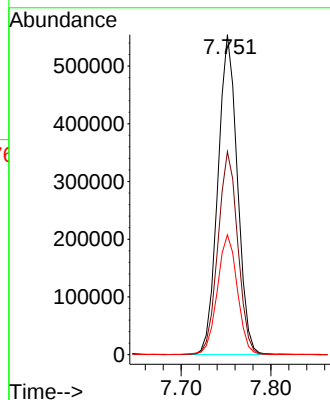
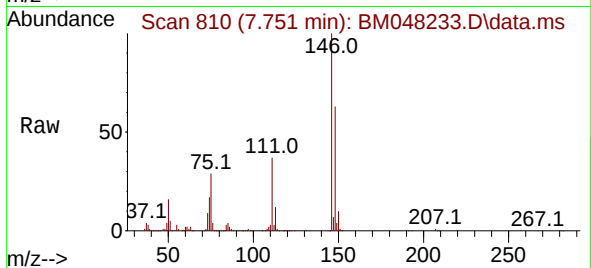
Tgt Ion:146 Resp: 833847

Ion Ratio Lower Upper

146 100

148 63.4 51.7 77.5

111 37.5 31.4 47.2



#14

1,2-Dichlorobenzene

Concen: 46.241 ng

RT: 8.069 min Scan# 864

Delta R.T. -0.006 min

Lab File: BM048233.D

Acq: 25 Oct 2024 12:58

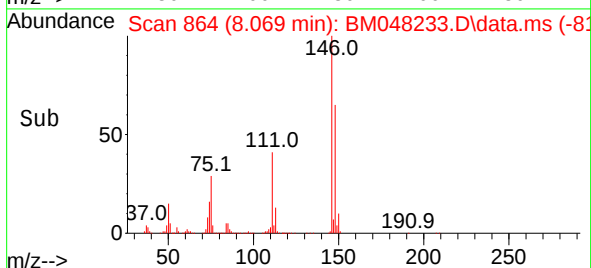
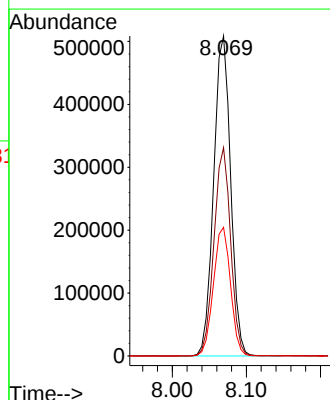
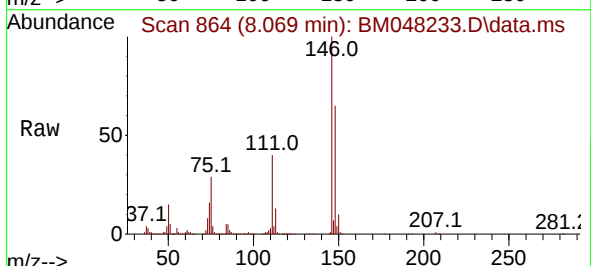
Tgt Ion:146 Resp: 809563

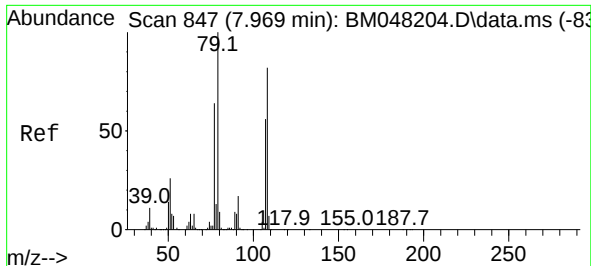
Ion Ratio Lower Upper

146 100

148 65.1 51.3 76.9

111 40.2 32.7 49.1

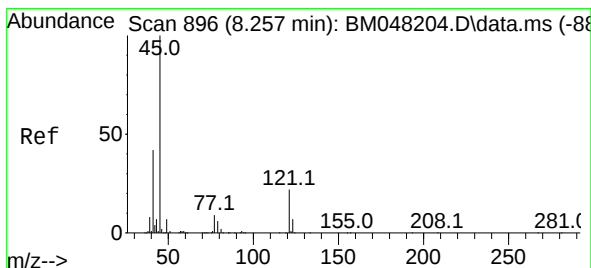
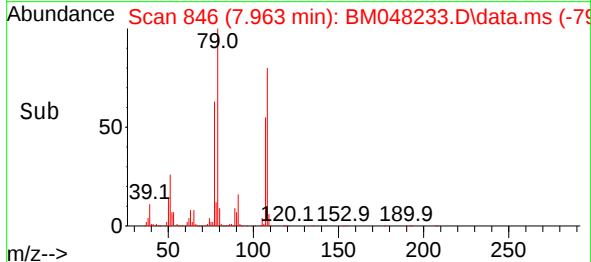
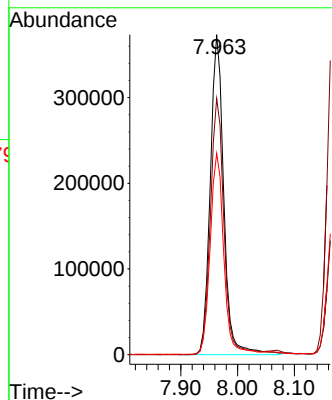
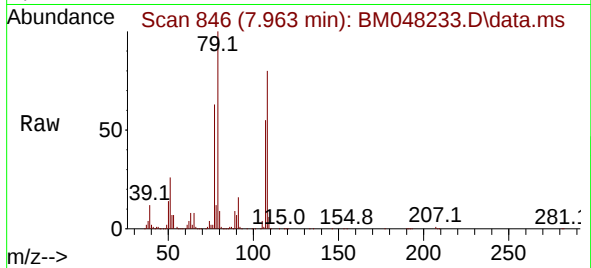




#15
Benzyl Alcohol
Concen: 51.914 ng
RT: 7.963 min Scan# 847
Delta R.T. -0.006 min
Lab File: BM048233.D
Acq: 25 Oct 2024 12:58

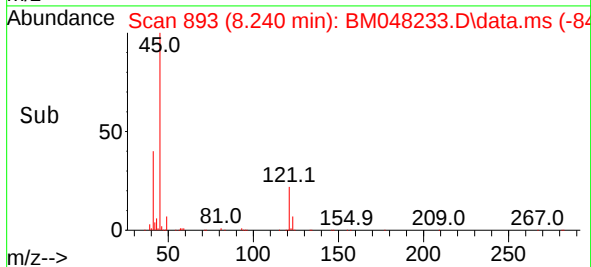
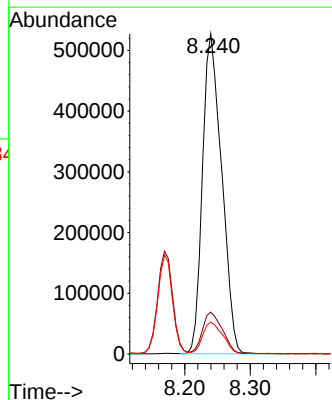
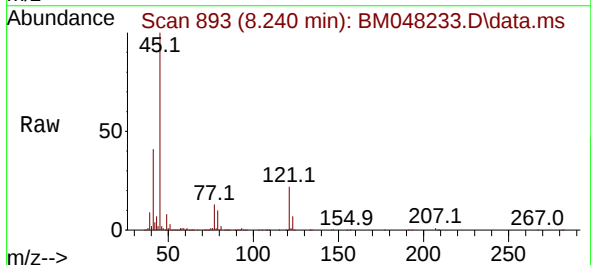
Instrument :
BNA_M
ClientSampleId :
PB164369BSD

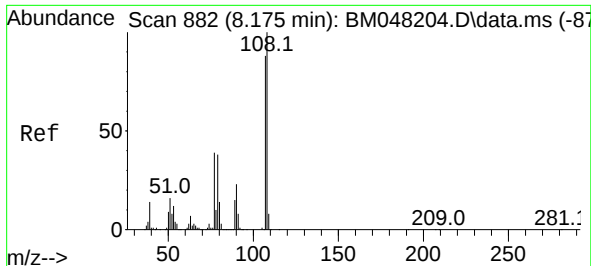
Tgt Ion: 79 Resp: 614029
Ion Ratio Lower Upper
79 100
108 80.0 65.2 97.8
77 62.9 51.4 77.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.363 ng
RT: 8.240 min Scan# 893
Delta R.T. -0.017 min
Lab File: BM048233.D
Acq: 25 Oct 2024 12:58

Tgt Ion: 45 Resp: 1072710
Ion Ratio Lower Upper
45 100
77 13.1 0.0 34.2
79 10.0 0.0 30.7

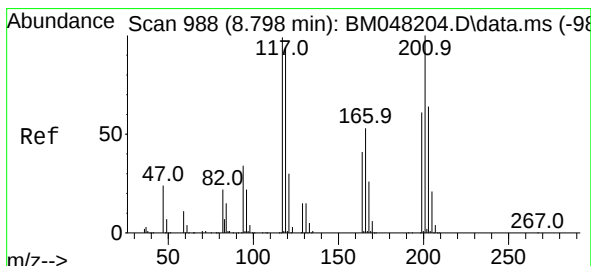
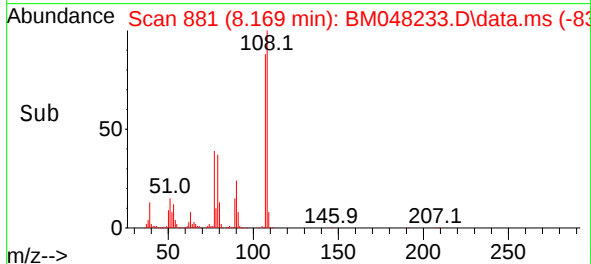
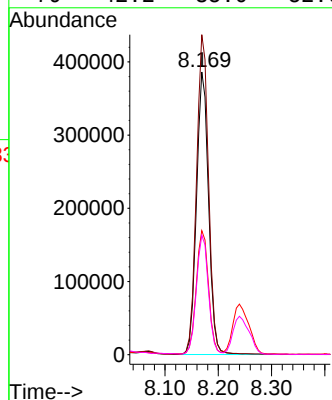
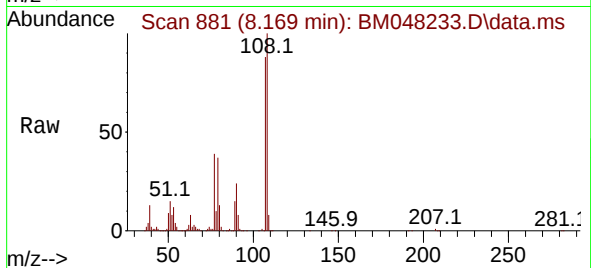




#17
2-Methylphenol
Concen: 48.837 ng
RT: 8.169 min Scan# 881
Delta R.T. -0.006 min
Lab File: BM048233.D
Acq: 25 Oct 2024 12:58

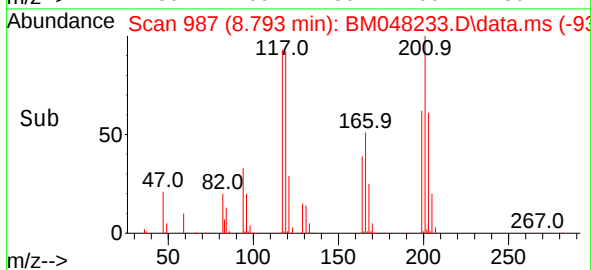
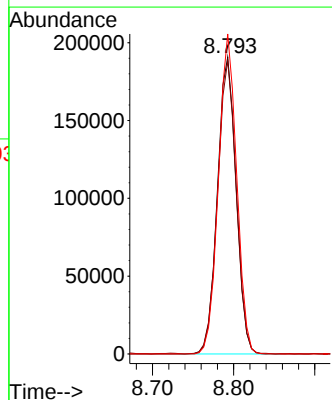
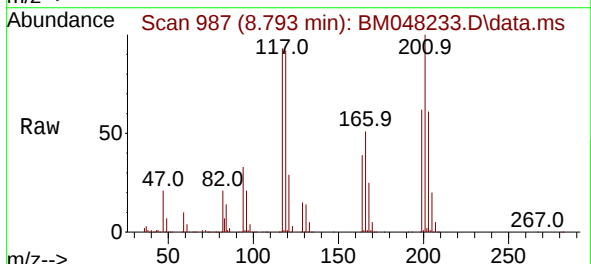
Instrument :
BNA_M
ClientSampleId :
PB164369BSD

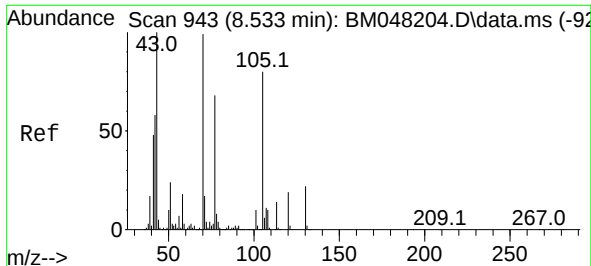
Tgt Ion:107 Resp: 605318
Ion Ratio Lower Upper
107 100
108 113.2 91.3 136.9
77 43.8 36.2 54.2
79 42.2 35.0 52.6



#18
Hexachloroethane
Concen: 46.140 ng
RT: 8.793 min Scan# 987
Delta R.T. -0.006 min
Lab File: BM048233.D
Acq: 25 Oct 2024 12:58

Tgt Ion:117 Resp: 306345
Ion Ratio Lower Upper
117 100
119 98.8 76.5 114.7
201 107.7 80.9 121.3

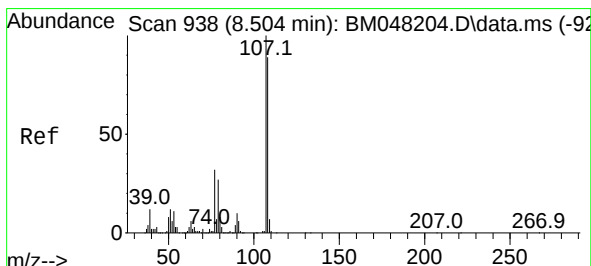
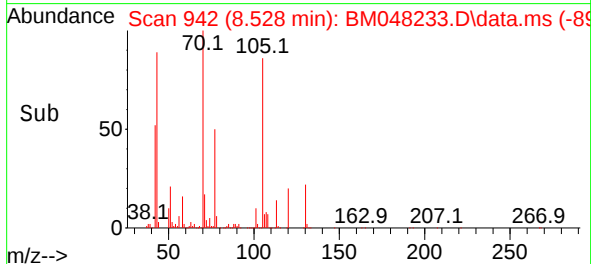
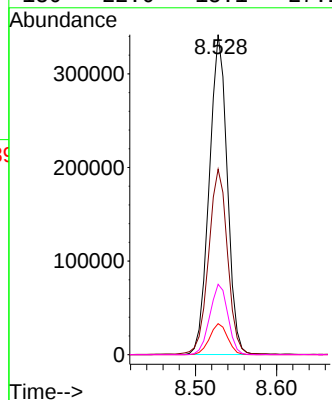
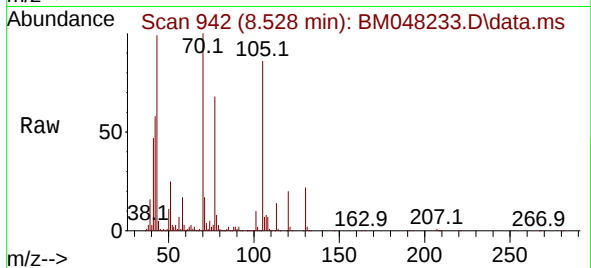




#19
n-Nitroso-di-n-propylamine
Concen: 44.805 ng
RT: 8.528 min Scan# 941
Delta R.T. -0.006 min
Lab File: BM048233.D
Acq: 25 Oct 2024 12:58

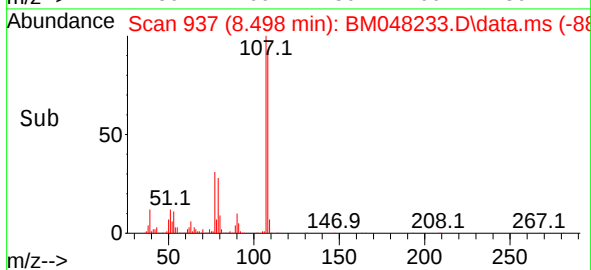
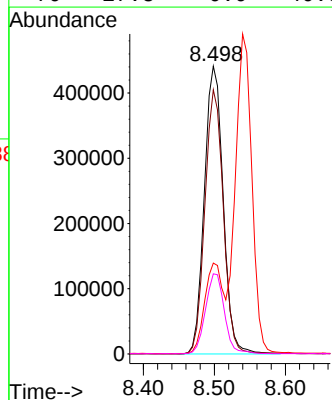
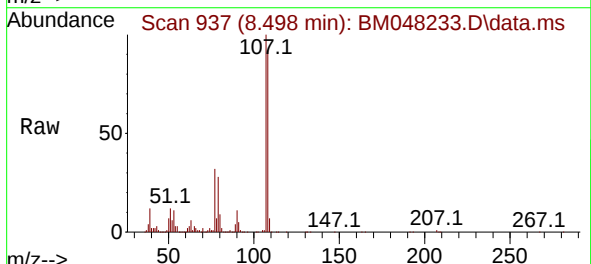
Instrument :
BNA_M
ClientSampleId :
PB164369BSD

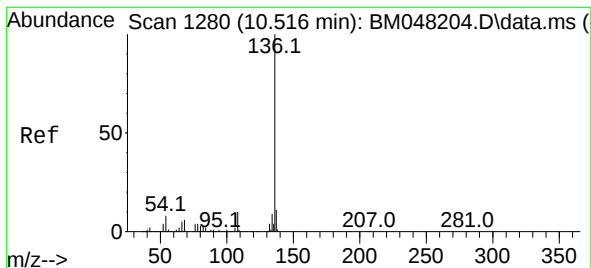
Tgt Ion: 70 Resp: 525529
Ion Ratio Lower Upper
70 100
42 58.0 47.0 70.6
101 9.7 7.8 11.6
130 22.0 18.1 27.1



#20
3+4-Methylphenols
Concen: 47.407 ng
RT: 8.498 min Scan# 937
Delta R.T. -0.006 min
Lab File: BM048233.D
Acq: 25 Oct 2024 12:58

Tgt Ion: 107 Resp: 813980
Ion Ratio Lower Upper
107 100
108 91.8 69.0 109.0
77 31.6 12.3 52.3
79 27.8 6.9 46.9

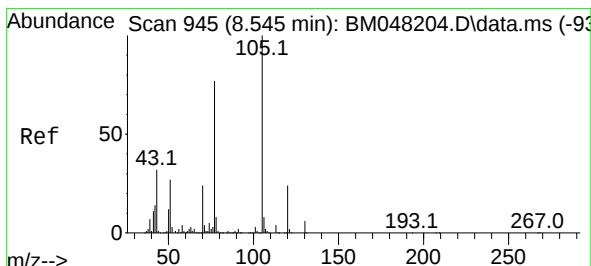
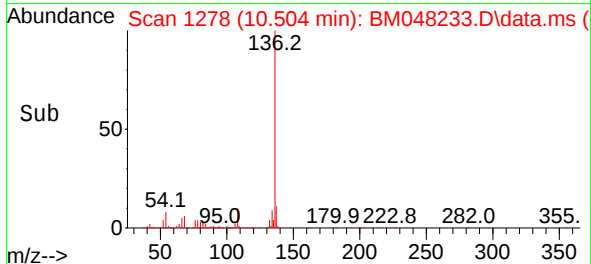
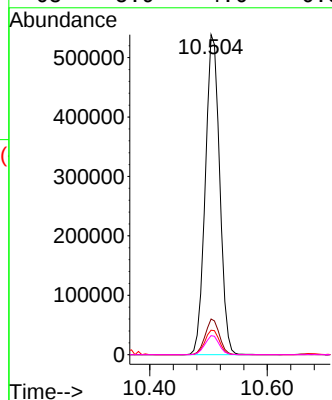
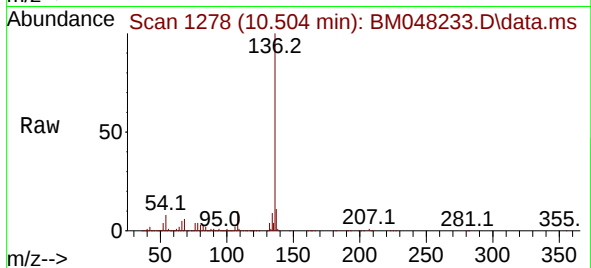




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.504 min Scan# 1278
Delta R.T. -0.011 min
Lab File: BM048233.D
Acq: 25 Oct 2024 12:58

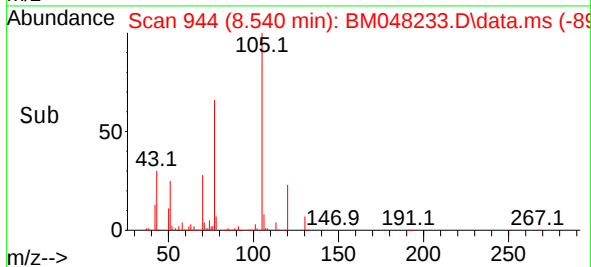
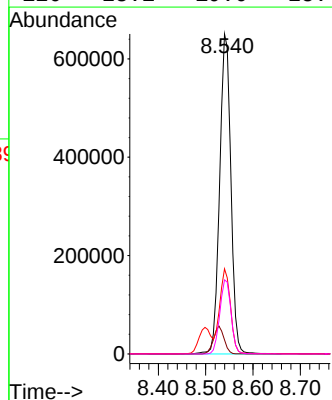
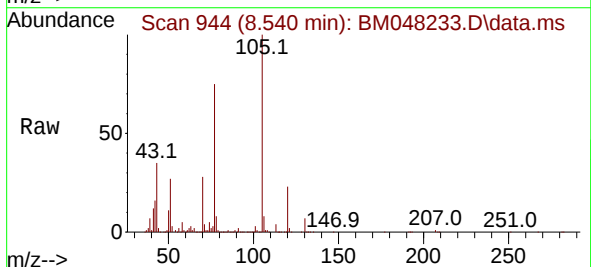
Instrument :
BNA_M
ClientSampleId :
PB164369BSD

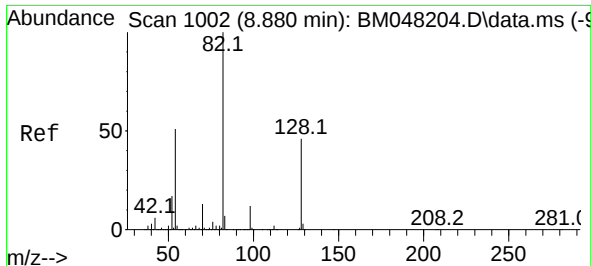
Tgt Ion:136 Resp: 913341
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.6 6.5 9.7
68 5.9 4.6 6.8



#22
Acetophenone
Concen: 47.865 ng
RT: 8.540 min Scan# 944
Delta R.T. -0.006 min
Lab File: BM048233.D
Acq: 25 Oct 2024 12:58

Tgt Ion:105 Resp: 1066939
Ion Ratio Lower Upper
105 100
71 4.4 3.4 5.0
51 26.6 21.7 32.5
120 23.1 19.0 28.4





#23

Nitrobenzene-d5

Concen: 94.819 ng

RT: 8.875 min Scan# 1001

Delta R.T. -0.006 min

Lab File: BM048233.D

Acq: 25 Oct 2024 12:58

Instrument :

BNA_M

ClientSampleId :

PB164369BSD

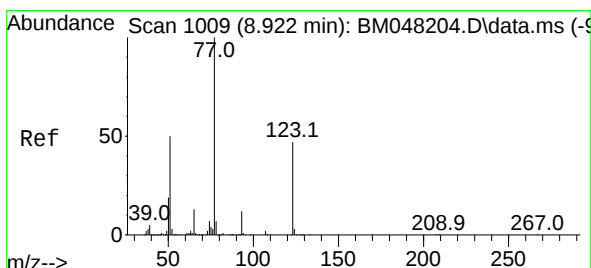
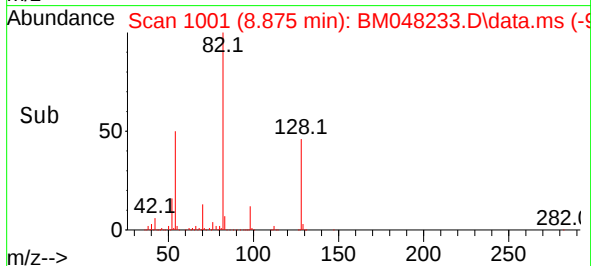
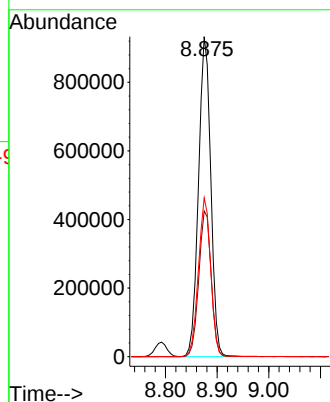
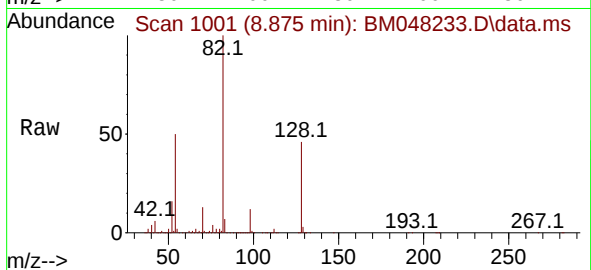
Tgt Ion: 82 Resp: 1533785

Ion Ratio Lower Upper

82 100

128 45.6 36.6 54.8

54 49.7 41.0 61.4



#24

Nitrobenzene

Concen: 46.795 ng

RT: 8.916 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BM048233.D

Acq: 25 Oct 2024 12:58

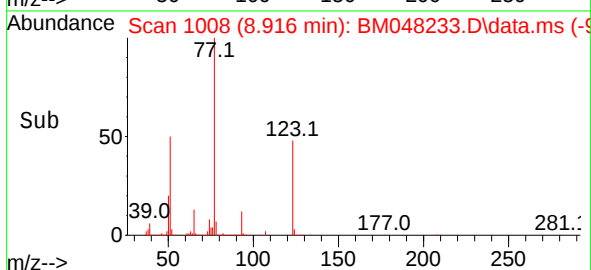
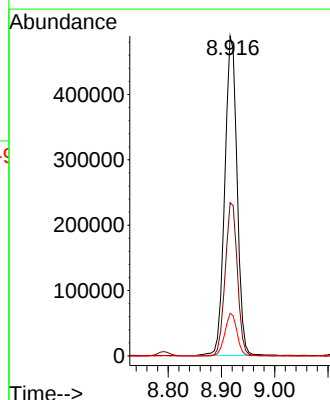
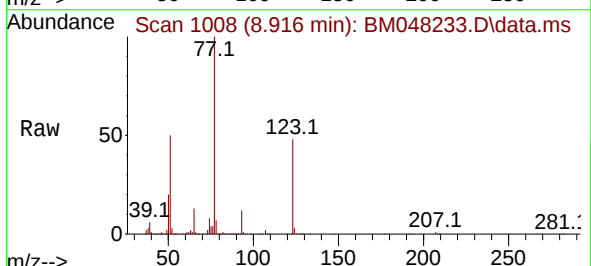
Tgt Ion: 77 Resp: 784288

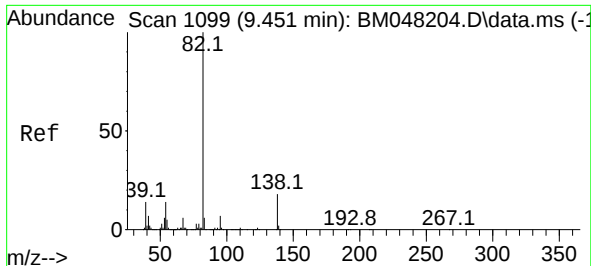
Ion Ratio Lower Upper

77 100

123 47.9 37.8 56.6

65 13.4 10.4 15.6

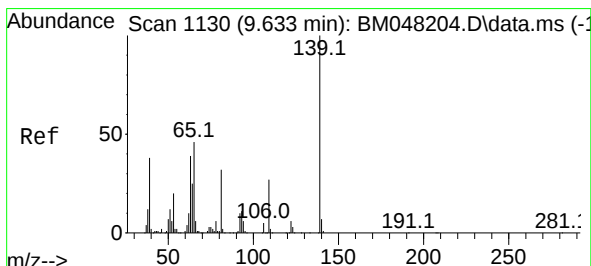
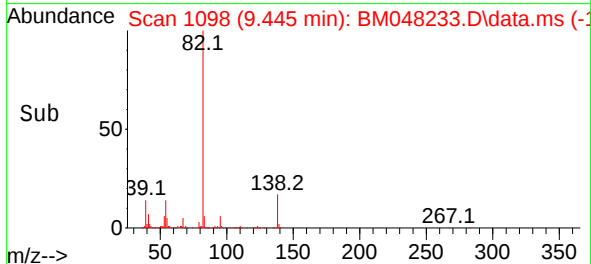
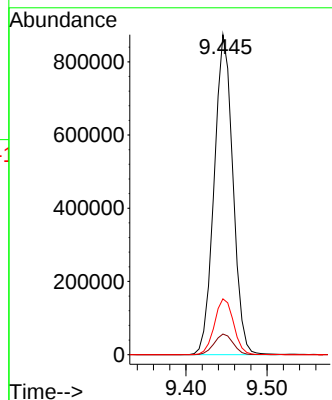
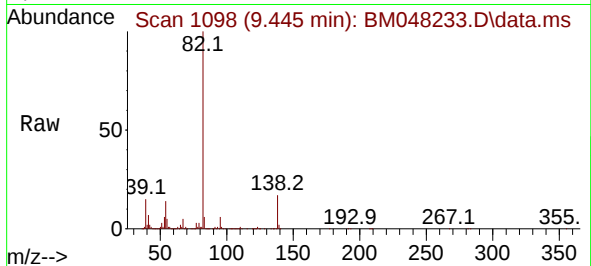




#25
Isophorone
Concen: 47.302 ng
RT: 9.445 min Scan# 1099
Delta R.T. -0.006 min
Lab File: BM048233.D
Acq: 25 Oct 2024 12:58

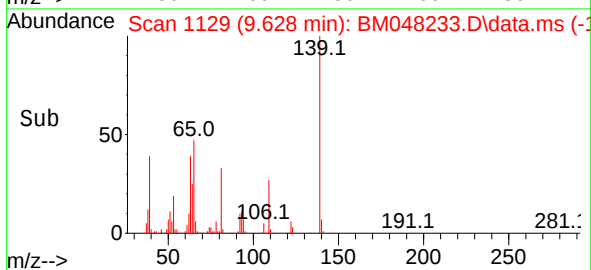
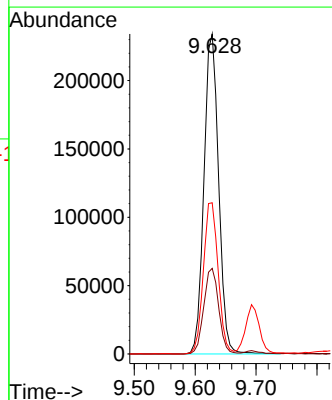
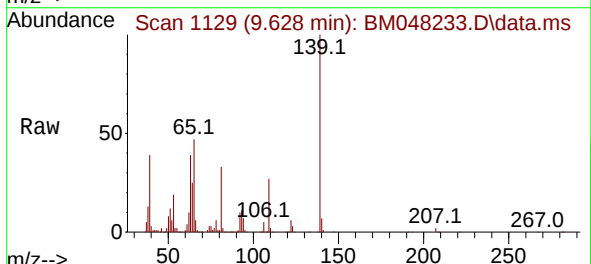
Instrument :
BNA_M
ClientSampleId :
PB164369BSD

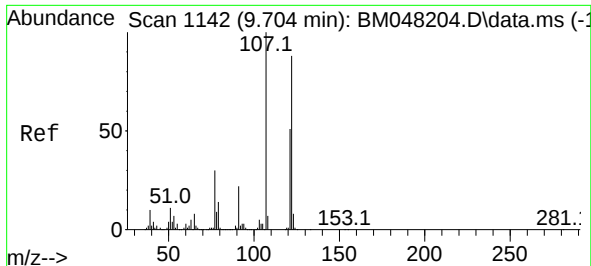
Tgt Ion: 82 Resp: 1402532
Ion Ratio Lower Upper
82 100
95 6.4 5.3 7.9
138 17.5 14.3 21.5



#26
2-Nitrophenol
Concen: 50.642 ng
RT: 9.628 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BM048233.D
Acq: 25 Oct 2024 12:58

Tgt Ion: 139 Resp: 391898
Ion Ratio Lower Upper
139 100
109 26.8 21.2 31.8
65 47.2 36.8 55.2





#27

2,4-Dimethylphenol

Concen: 60.930 ng

RT: 9.693 min Scan# 1142

Delta R.T. -0.011 min

Lab File: BM048233.D

Acq: 25 Oct 2024 12:58

Instrument :

BNA_M

ClientSampleId :

PB164369BSD

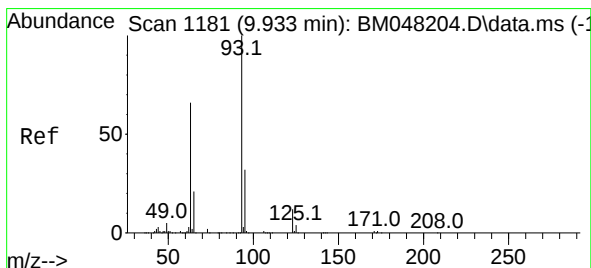
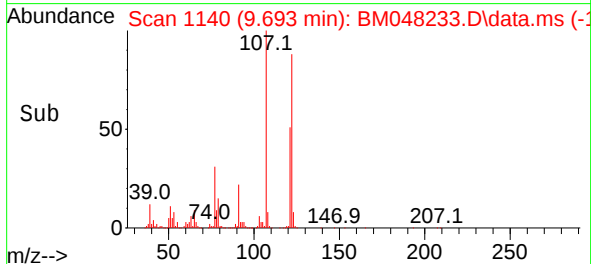
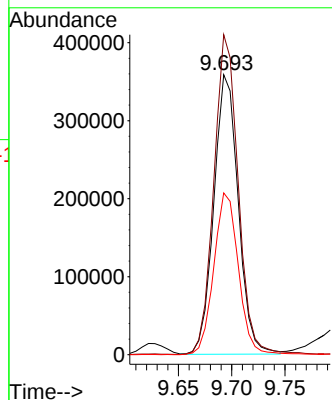
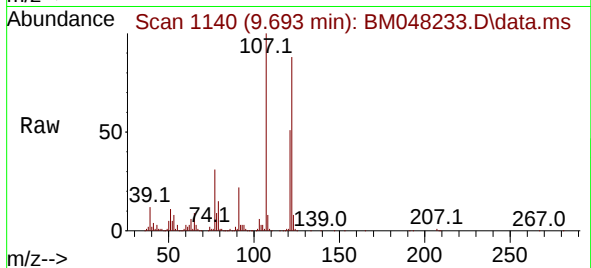
Tgt Ion:122 Resp: 572056

Ion Ratio Lower Upper

122 100

107 114.3 91.0 136.6

121 57.8 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 48.601 ng

RT: 9.922 min Scan# 1179

Delta R.T. -0.011 min

Lab File: BM048233.D

Acq: 25 Oct 2024 12:58

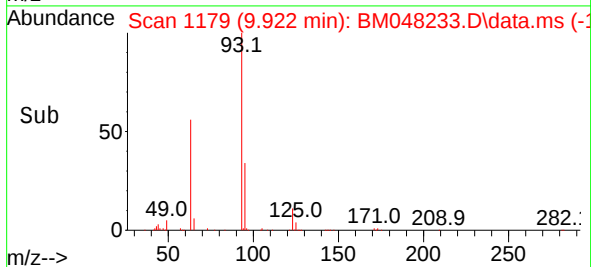
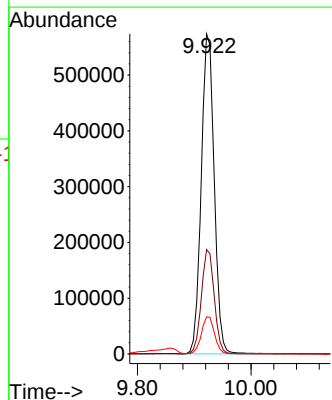
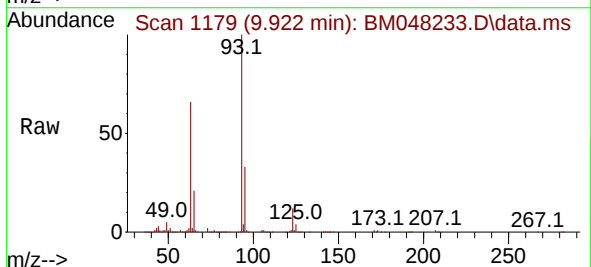
Tgt Ion: 93 Resp: 911890

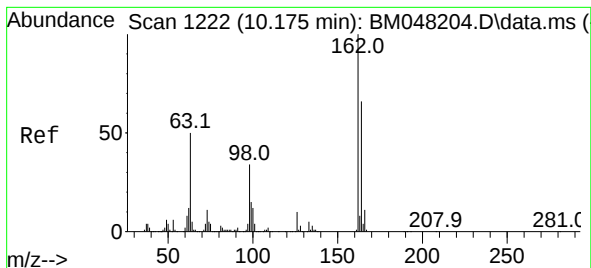
Ion Ratio Lower Upper

93 100

95 32.6 25.3 37.9

123 11.6 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 50.020 ng

RT: 10.163 min Scan# 1220

Delta R.T. -0.011 min

Lab File: BM048233.D

Acq: 25 Oct 2024 12:58

Instrument :

BNA_M

ClientSampleId :

PB164369BSD

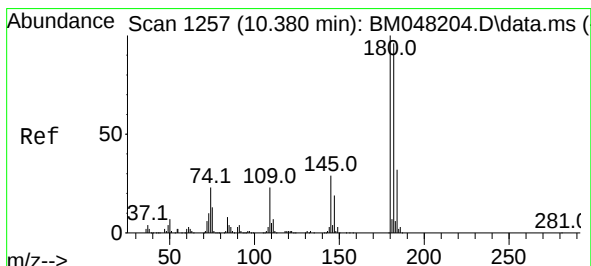
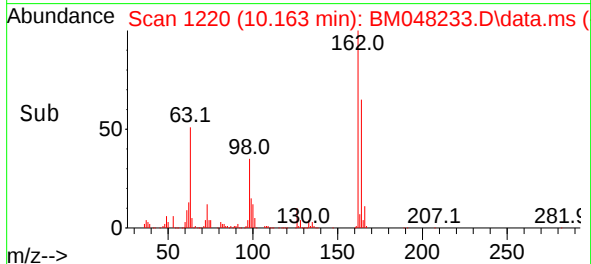
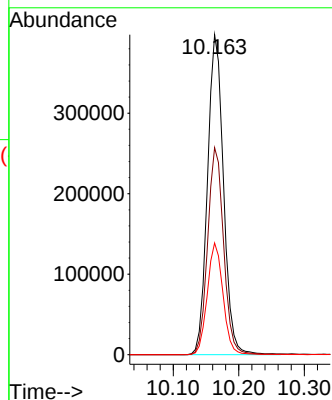
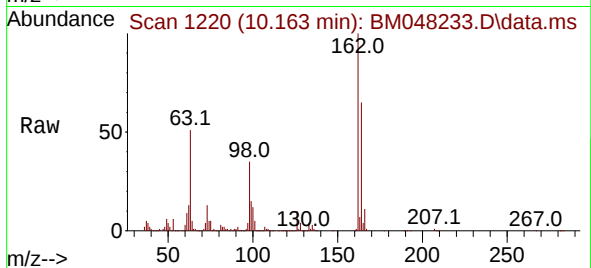
Tgt Ion:162 Resp: 675572

Ion Ratio Lower Upper

162 100

164 64.7 46.0 86.0

98 34.9 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 45.933 ng

RT: 10.375 min Scan# 1256

Delta R.T. -0.006 min

Lab File: BM048233.D

Acq: 25 Oct 2024 12:58

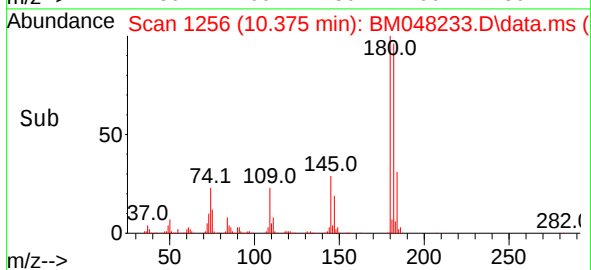
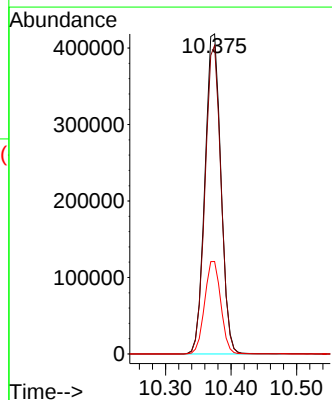
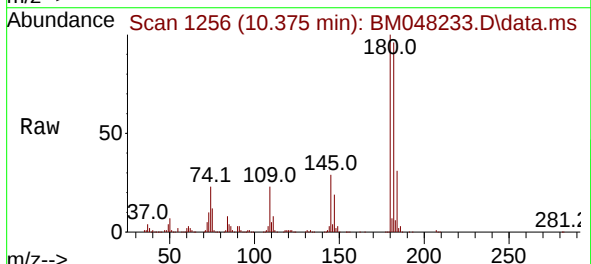
Tgt Ion:180 Resp: 710506

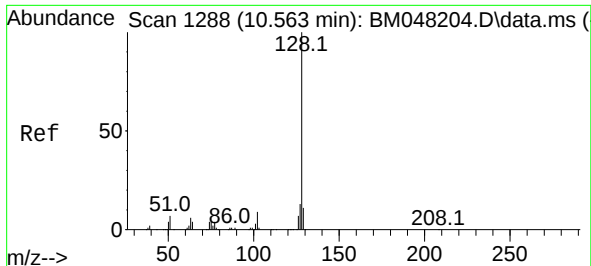
Ion Ratio Lower Upper

180 100

182 96.4 76.6 115.0

145 28.9 23.4 35.2





#31

Naphthalene

Concen: 46.674 ng

RT: 10.557 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BM048233.D

Acq: 25 Oct 2024 12:58

Instrument :

BNA_M

ClientSampleId :

PB164369BSD

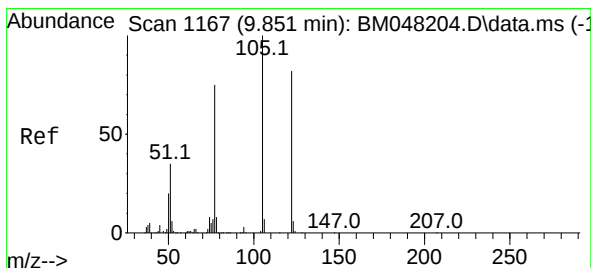
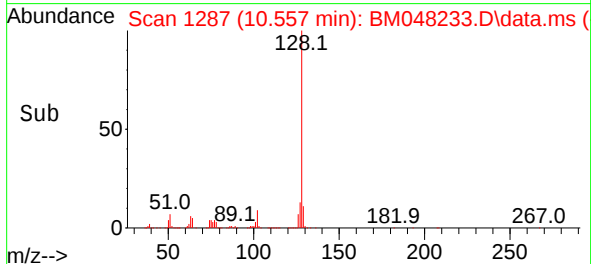
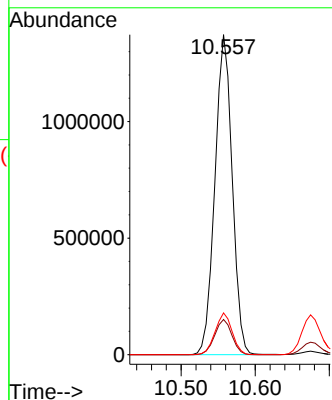
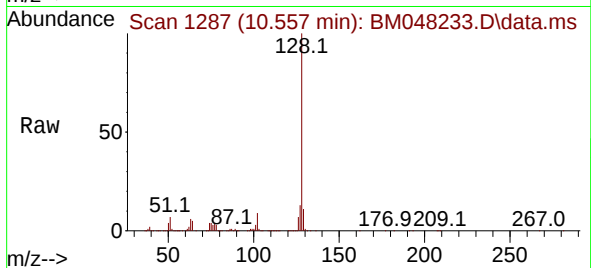
Tgt Ion:128 Resp: 2223360

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 13.1 10.2 15.2



#32

Benzoic acid

Concen: 42.764 ng

RT: 9.863 min Scan# 1169

Delta R.T. 0.012 min

Lab File: BM048233.D

Acq: 25 Oct 2024 12:58

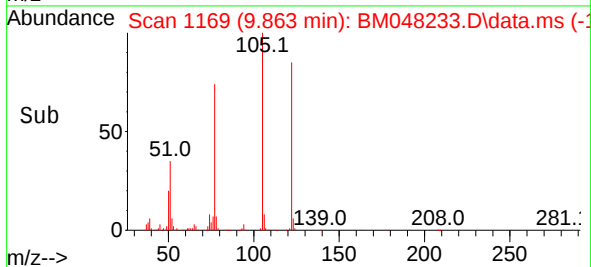
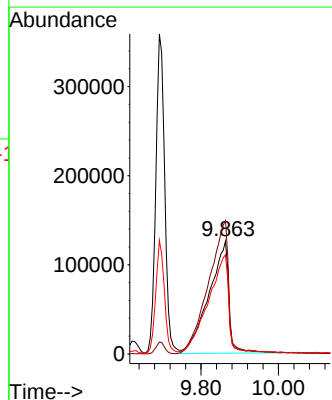
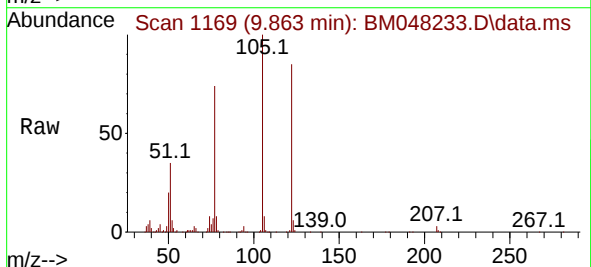
Tgt Ion:122 Resp: 446917

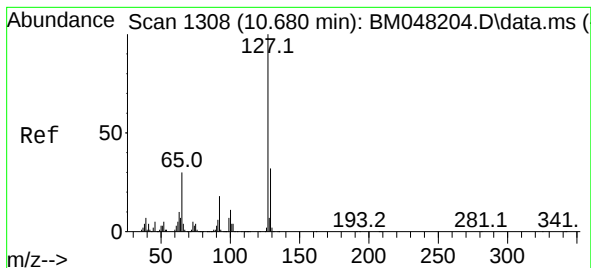
Ion Ratio Lower Upper

122 100

105 118.2 99.3 139.3

77 88.0 70.4 110.4





#33

4-Chloroaniline

Concen: 20.693 ng

RT: 10.675 min Scan# 1307

Delta R.T. -0.006 min

Lab File: BM048233.D

Acq: 25 Oct 2024 12:58

Instrument :

BNA_M

ClientSampleId :

PB164369BSD

Tgt Ion:127 Resp: 319702

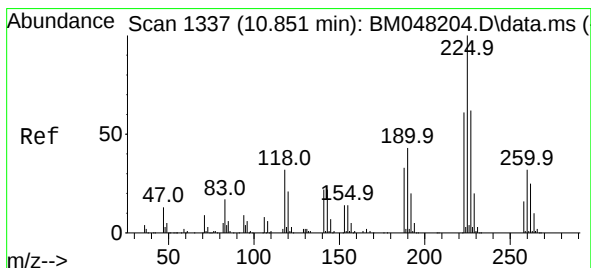
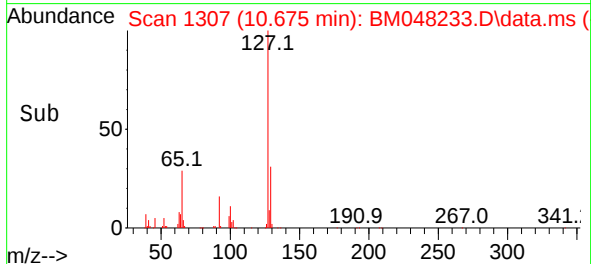
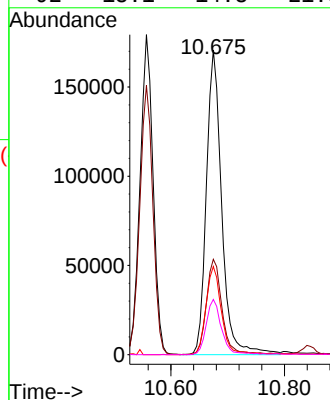
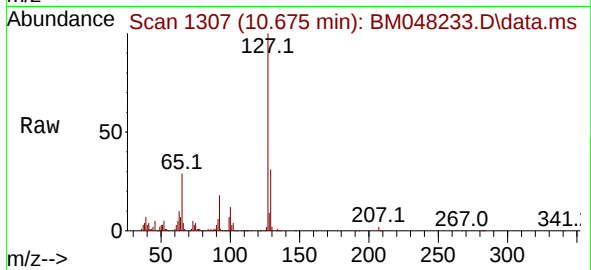
Ion Ratio Lower Upper

127 100

129 31.3 25.8 38.6

65 29.0 23.7 35.5

92 18.1 14.3 21.5



#34

Hexachlorobutadiene

Concen: 46.516 ng

RT: 10.845 min Scan# 1336

Delta R.T. -0.006 min

Lab File: BM048233.D

Acq: 25 Oct 2024 12:58

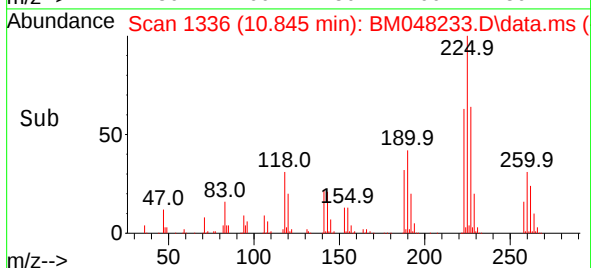
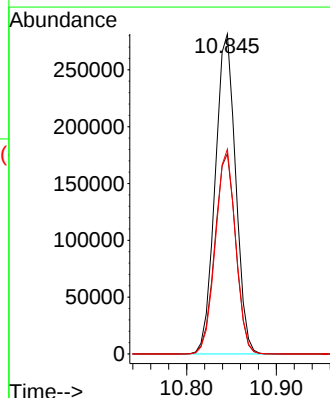
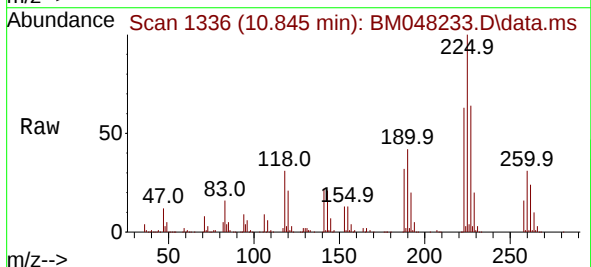
Tgt Ion:225 Resp: 445942

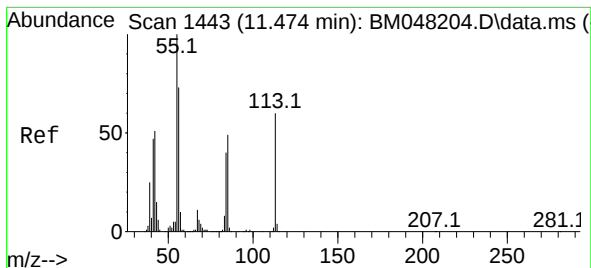
Ion Ratio Lower Upper

225 100

223 62.6 48.6 73.0

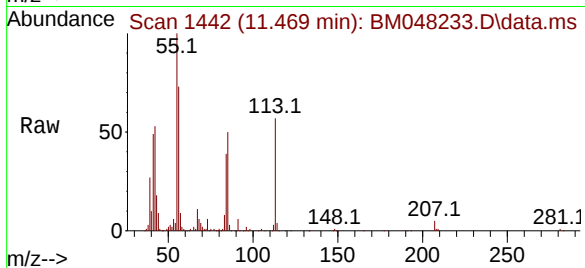
227 64.0 49.6 74.4



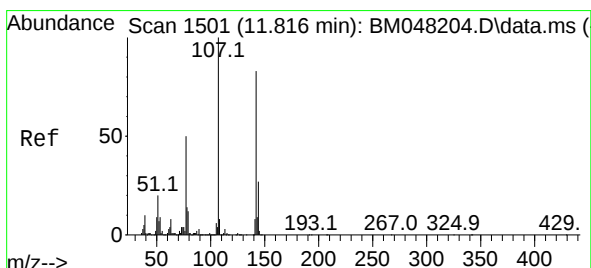
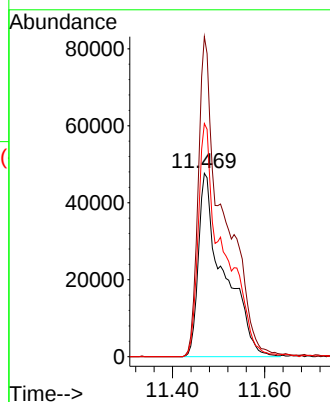
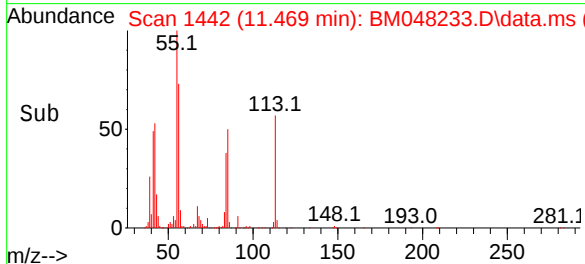


#35
Caprolactam
Concen: 41.460 ng
RT: 11.469 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BM048233.D
Acq: 25 Oct 2024 12:58

Instrument :
BNA_M
ClientSampleId :
PB164369BSD

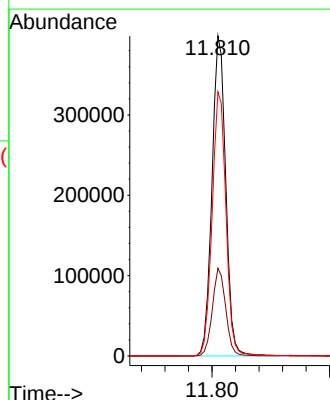
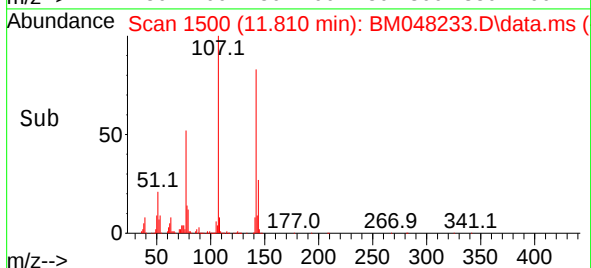
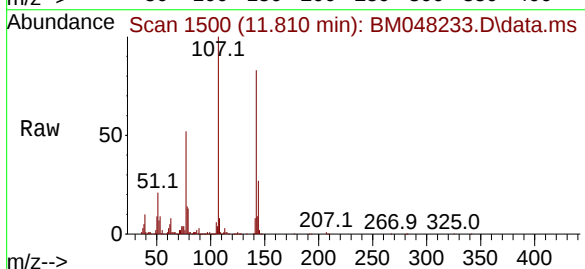


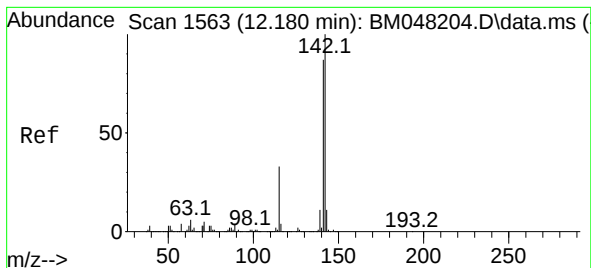
Tgt Ion:113 Resp: 181897
Ion Ratio Lower Upper
113 100
55 174.4 146.1 186.1
56 127.1 101.9 141.9



#36
4-Chloro-3-methylphenol
Concen: 45.928 ng
RT: 11.810 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BM048233.D
Acq: 25 Oct 2024 12:58

Tgt Ion:107 Resp: 647545
Ion Ratio Lower Upper
107 100
144 27.4 21.5 32.3
142 82.6 66.8 100.2

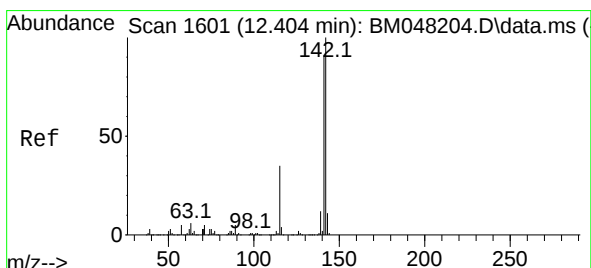
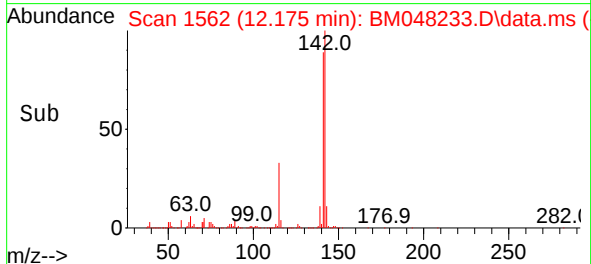
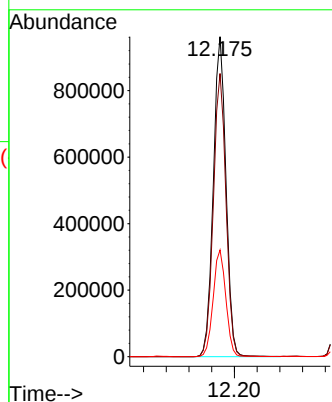
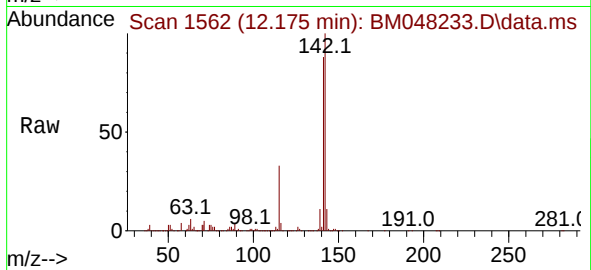




#37
2-Methylnaphthalene
Concen: 46.527 ng
RT: 12.175 min Scan# 1562
Delta R.T. -0.006 min
Lab File: BM048233.D
Acq: 25 Oct 2024 12:58

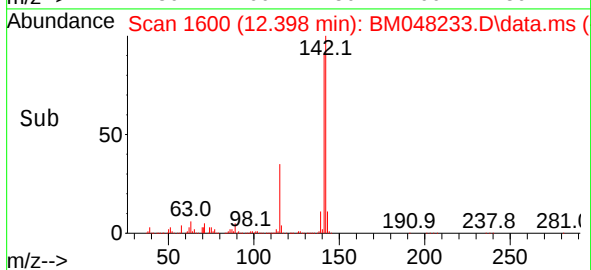
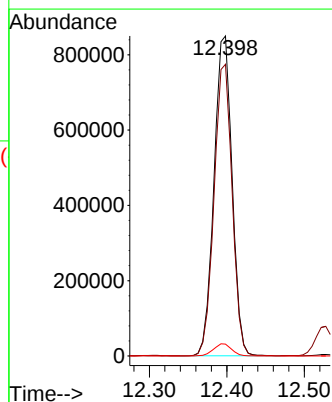
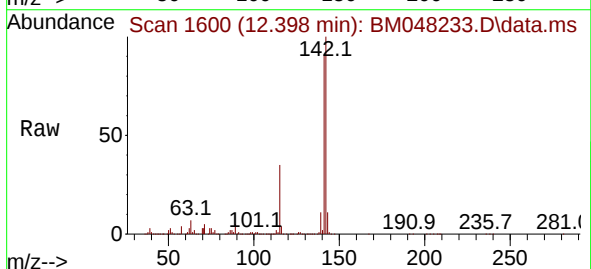
Instrument :
BNA_M
ClientSampleId :
PB164369BSD

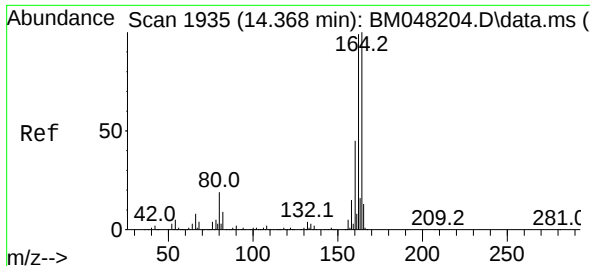
Tgt Ion:142 Resp: 1480825
Ion Ratio Lower Upper
142 100
141 88.5 69.8 104.6
115 33.3 26.3 39.5



#38
1-Methylnaphthalene
Concen: 43.580 ng
RT: 12.398 min Scan# 1600
Delta R.T. -0.006 min
Lab File: BM048233.D
Acq: 25 Oct 2024 12:58

Tgt Ion:142 Resp: 1375410
Ion Ratio Lower Upper
142 100
141 91.2 72.7 109.1
116 3.7 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.363 min Scan# 1935

Delta R.T. -0.006 min

Lab File: BM048233.D

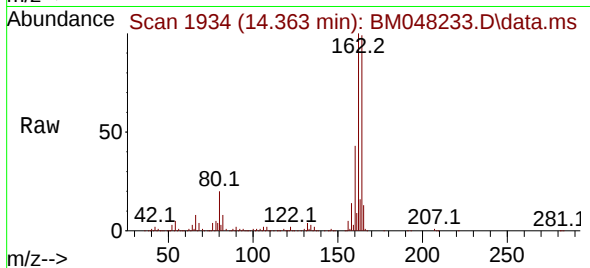
Acq: 25 Oct 2024 12:58

Instrument :

BNA_M

ClientSampleId :

PB164369BSD



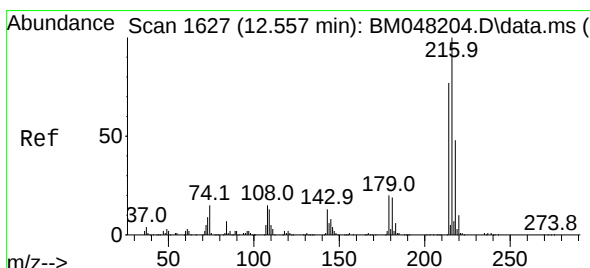
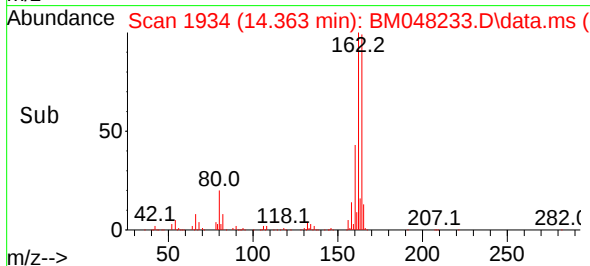
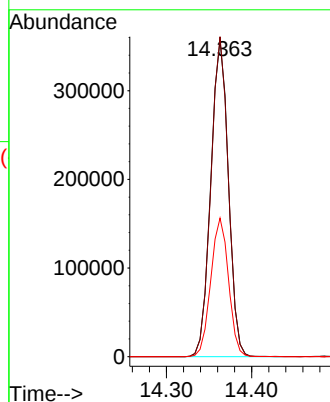
Tgt Ion:164 Resp: 513456

Ion Ratio Lower Upper

164 100

162 101.1 79.1 118.7

160 43.8 35.8 53.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.604 ng

RT: 12.551 min Scan# 1626

Delta R.T. -0.006 min

Lab File: BM048233.D

Acq: 25 Oct 2024 12:58

Tgt Ion:216 Resp: 742646

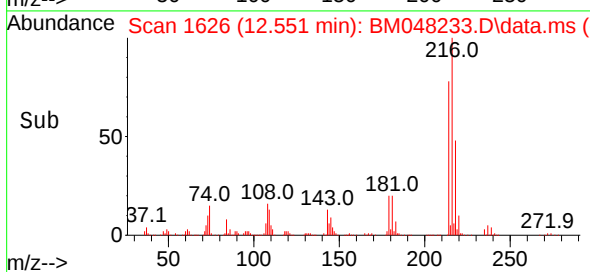
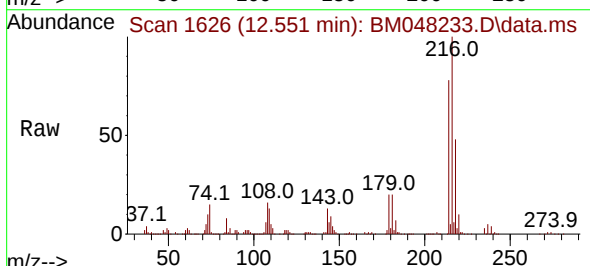
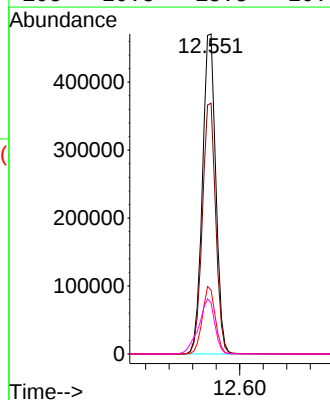
Ion Ratio Lower Upper

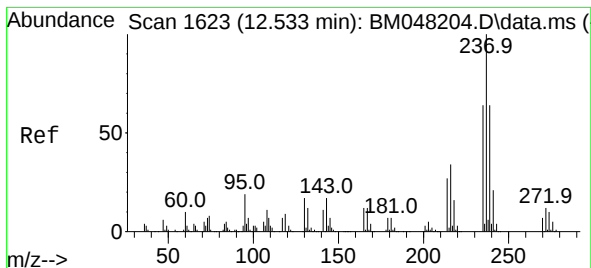
216 100

214 78.4 62.2 93.2

179 20.5 16.0 24.0

108 20.8 13.8 20.8

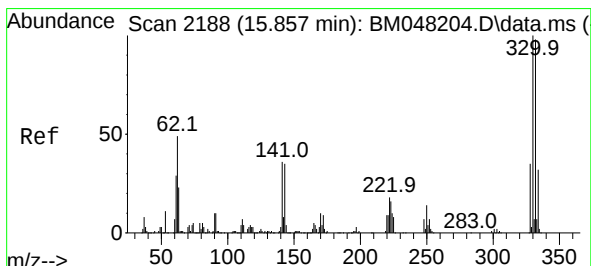
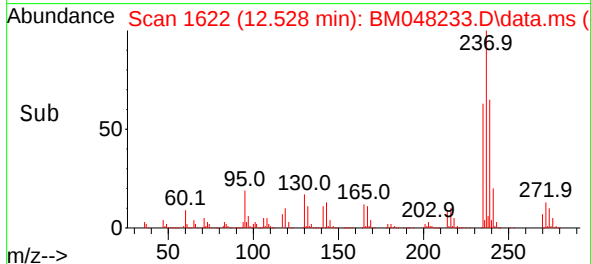
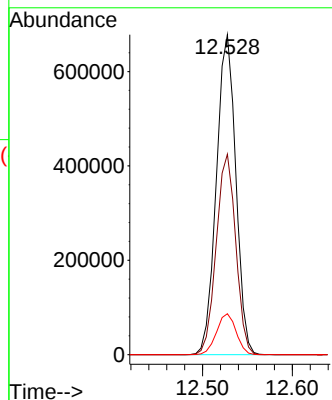
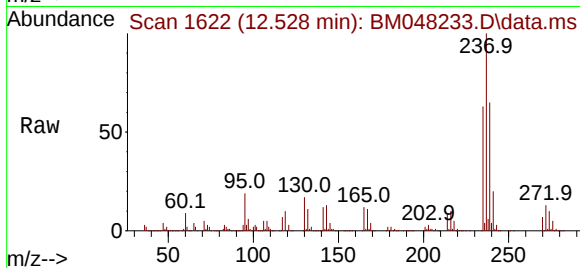




#41
Hexachlorocyclopentadiene
Concen: 205.439 ng
RT: 12.528 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM048233.D
Acq: 25 Oct 2024 12:58

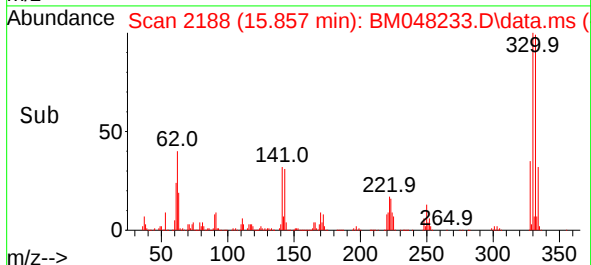
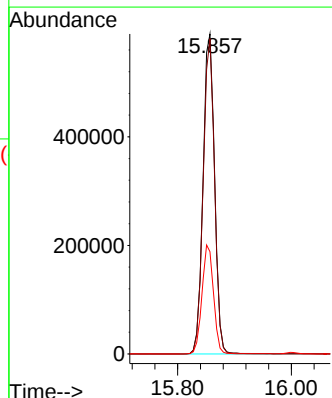
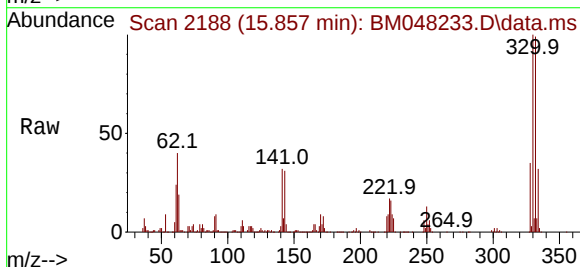
Instrument :
BNA_M
ClientSampleId :
PB164369BSD

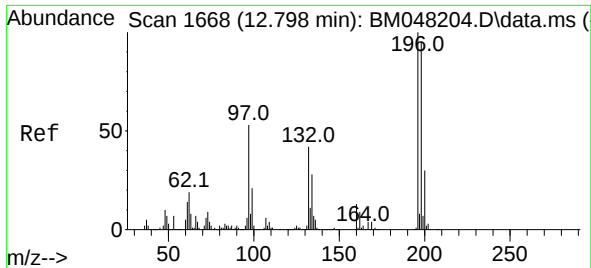
Tgt Ion:237 Resp: 1020250
Ion Ratio Lower Upper
237 100
235 62.7 44.2 84.2
272 12.8 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 131.986 ng
RT: 15.857 min Scan# 2188
Delta R.T. 0.000 min
Lab File: BM048233.D
Acq: 25 Oct 2024 12:58

Tgt Ion:330 Resp: 829498
Ion Ratio Lower Upper
330 100
332 97.0 77.5 116.3
141 34.2 27.5 41.3





#43

2,4,6-Trichlorophenol

Concen: 51.788 ng

RT: 12.792 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM048233.D

Acq: 25 Oct 2024 12:58

Instrument :

BNA_M

ClientSampleId :

PB164369BSD

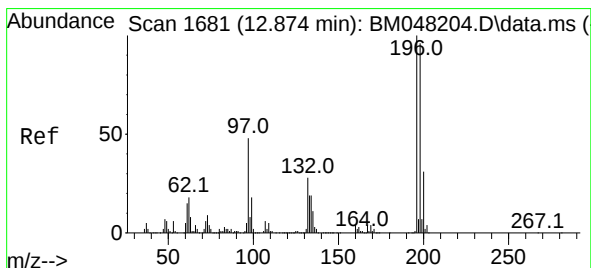
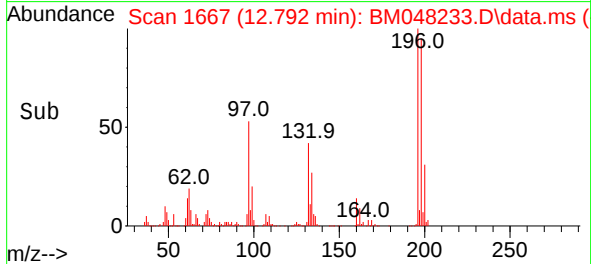
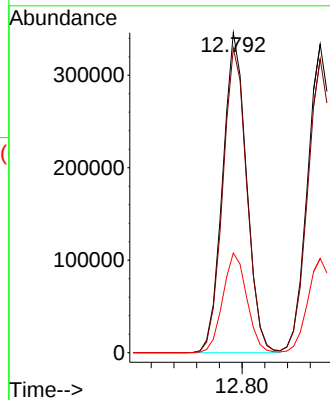
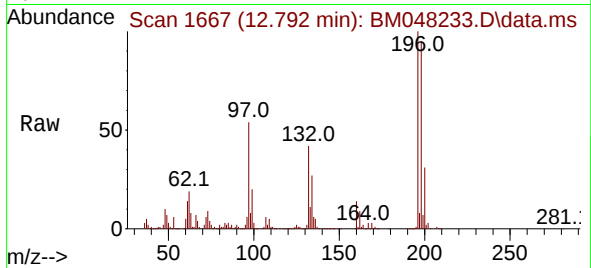
Tgt Ion:196 Resp: 504377

Ion Ratio Lower Upper

196 100

198 95.2 76.2 114.2

200 31.2 24.2 36.2



#44

2,4,5-Trichlorophenol

Concen: 49.726 ng

RT: 12.869 min Scan# 1680

Delta R.T. -0.006 min

Lab File: BM048233.D

Acq: 25 Oct 2024 12:58

Tgt Ion:196 Resp: 540050

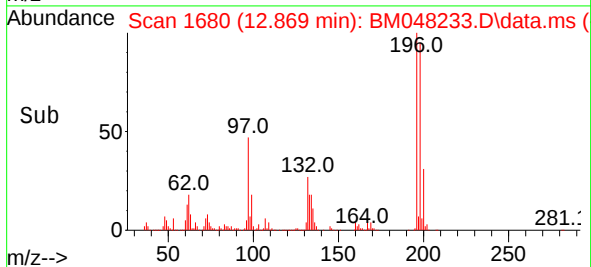
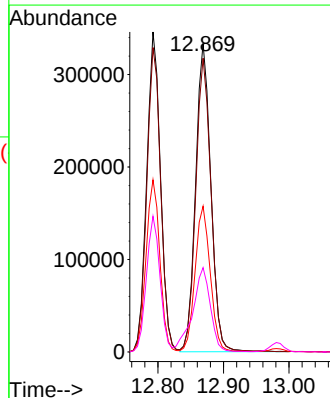
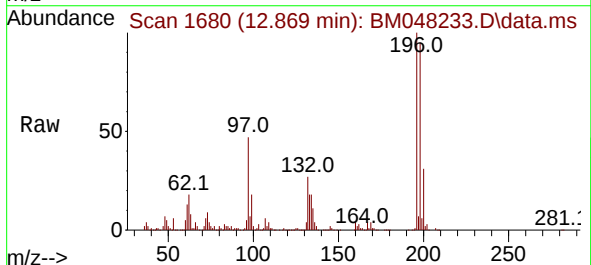
Ion Ratio Lower Upper

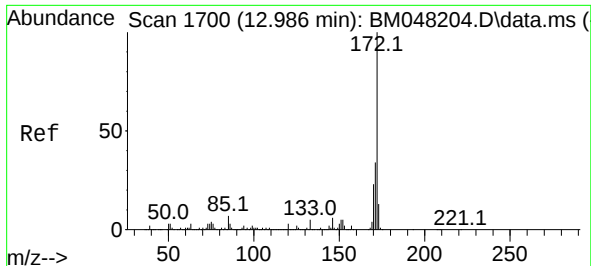
196 100

198 95.2 76.7 115.1

97 47.2 38.5 57.7

132 27.4 22.2 33.2





#45

2-Fluorobiphenyl

Concen: 96.484 ng

RT: 12.981 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM048233.D

Acq: 25 Oct 2024 12:58

Instrument :

BNA_M

ClientSampleId :

PB164369BSD

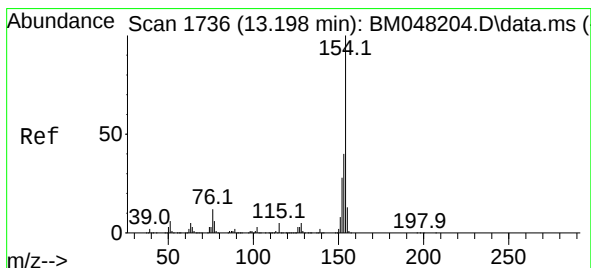
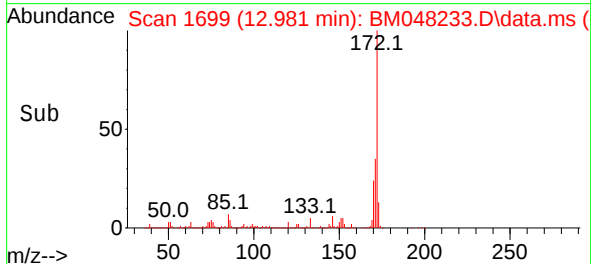
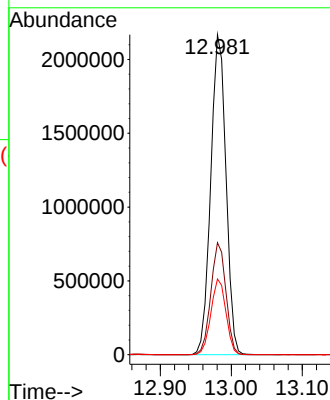
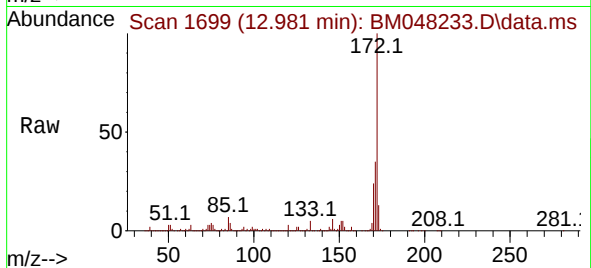
Tgt Ion:172 Resp: 3228427

Ion Ratio Lower Upper

172 100

171 35.0 27.4 41.0

170 23.7 18.5 27.7



#46

1,1'-Biphenyl

Concen: 49.278 ng

RT: 13.192 min Scan# 1735

Delta R.T. -0.006 min

Lab File: BM048233.D

Acq: 25 Oct 2024 12:58

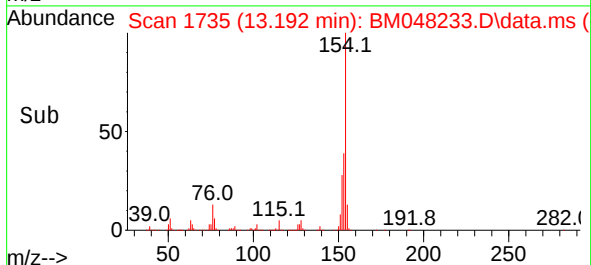
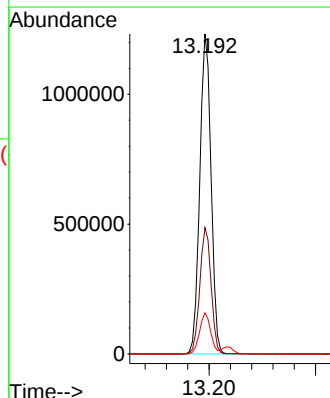
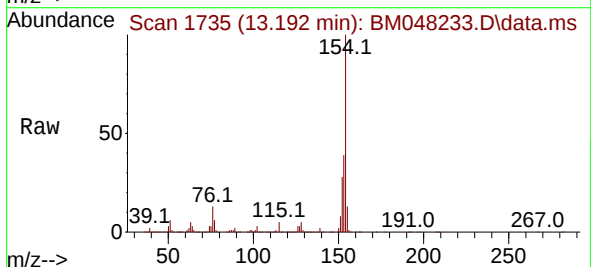
Tgt Ion:154 Resp: 1806463

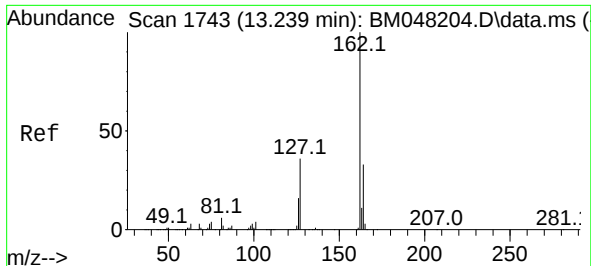
Ion Ratio Lower Upper

154 100

153 39.5 19.9 59.9

76 12.8 0.0 32.4

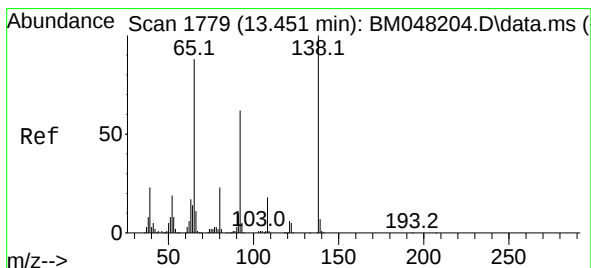
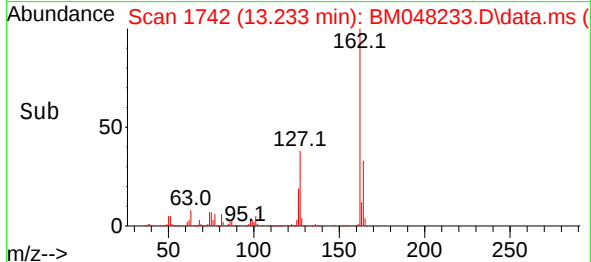
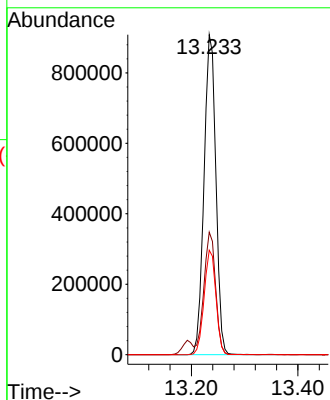
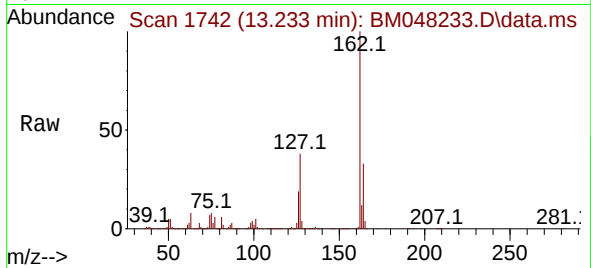




#47
2-Chloronaphthalene
Concen: 48.490 ng
RT: 13.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM048233.D
Acq: 25 Oct 2024 12:58

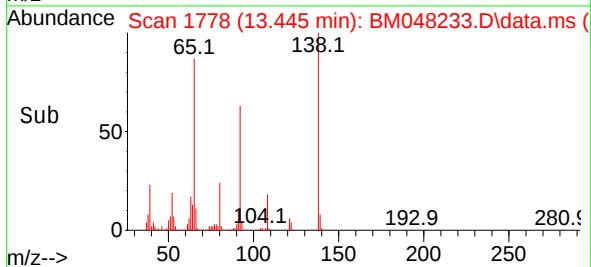
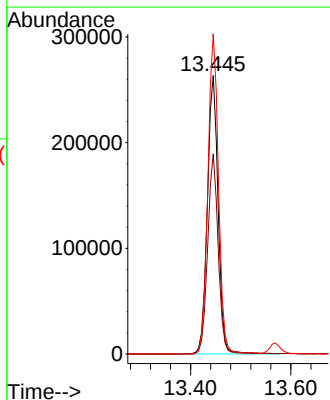
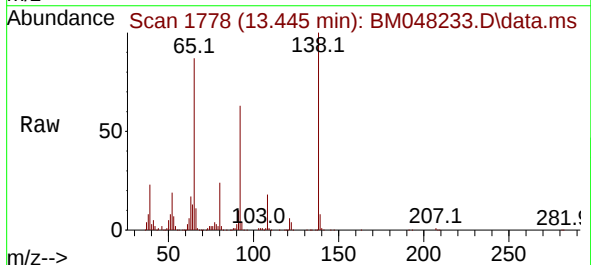
Instrument :
BNA_M
ClientSampleId :
PB164369BSD

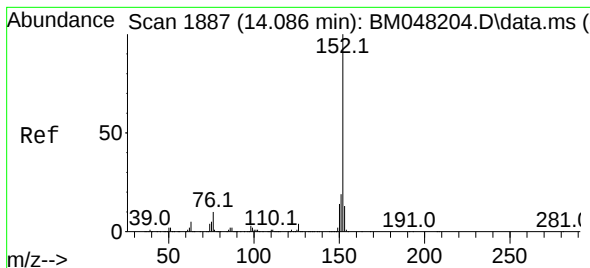
Tgt Ion:162 Resp: 1401582
Ion Ratio Lower Upper
162 100
127 38.3 31.0 46.6
164 32.6 26.2 39.4



#48
2-Nitroaniline
Concen: 50.179 ng
RT: 13.445 min Scan# 1778
Delta R.T. -0.006 min
Lab File: BM048233.D
Acq: 25 Oct 2024 12:58

Tgt Ion: 65 Resp: 393385
Ion Ratio Lower Upper
65 100
92 71.9 56.0 84.0
138 115.0 90.8 136.2





#49

Acenaphthylene

Concen: 51.656 ng

RT: 14.080 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM048233.D

Acq: 25 Oct 2024 12:58

Instrument :

BNA_M

ClientSampleId :

PB164369BSD

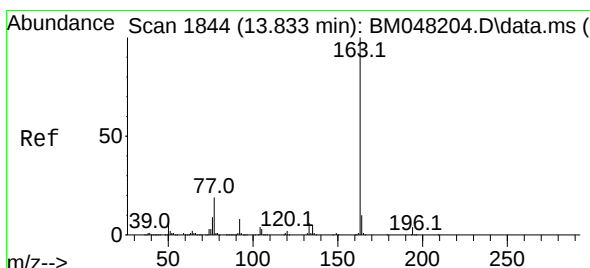
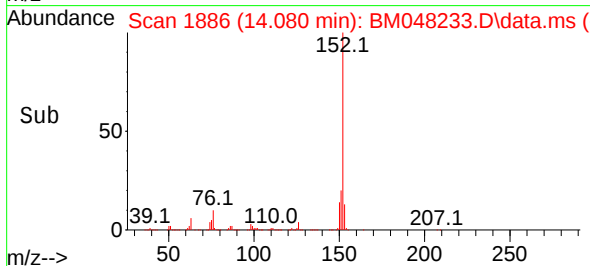
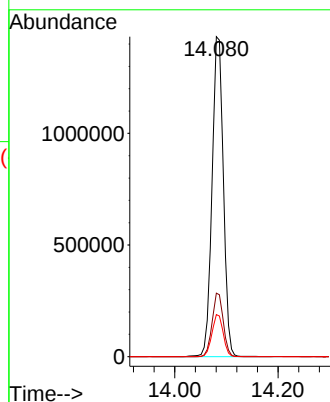
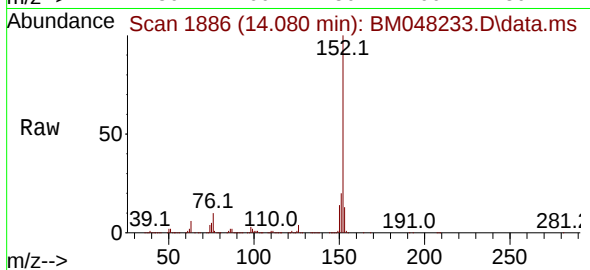
Tgt Ion:152 Resp: 2178347

Ion Ratio Lower Upper

152 100

151 19.8 15.4 23.2

153 13.1 10.5 15.7



#50

Dimethylphthalate

Concen: 47.436 ng

RT: 13.828 min Scan# 1843

Delta R.T. -0.006 min

Lab File: BM048233.D

Acq: 25 Oct 2024 12:58

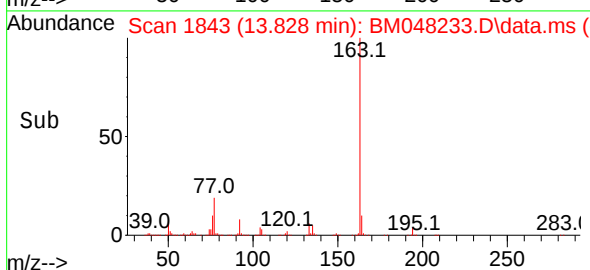
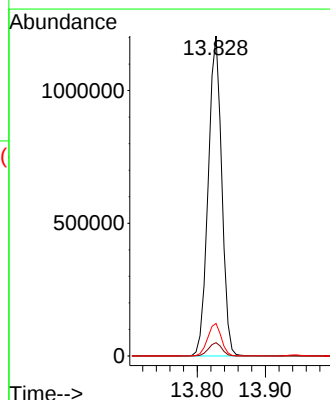
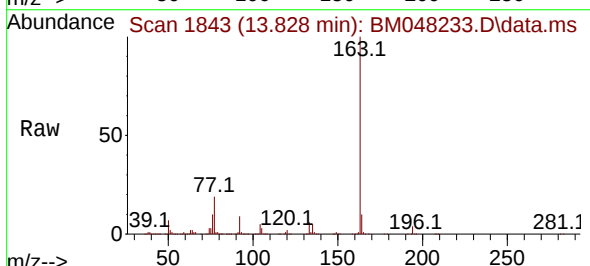
Tgt Ion:163 Resp: 1662733

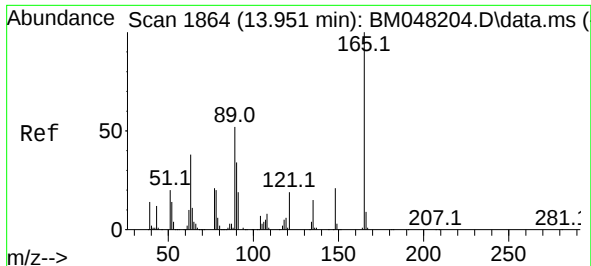
Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

164 10.1 7.8 11.6

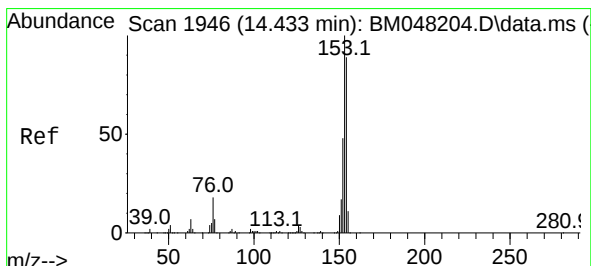
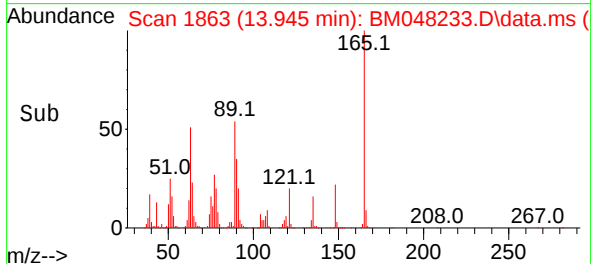
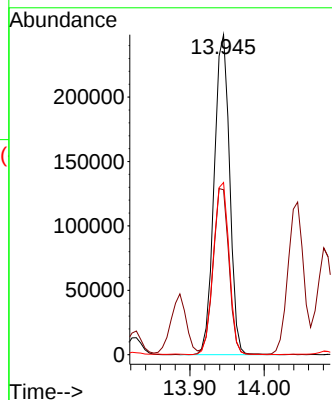
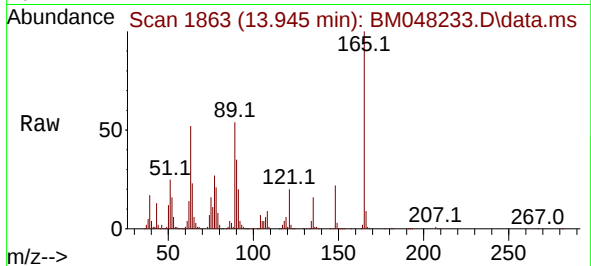




#51
2,6-Dinitrotoluene
Concen: 46.034 ng
RT: 13.945 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BM048233.D
Acq: 25 Oct 2024 12:58

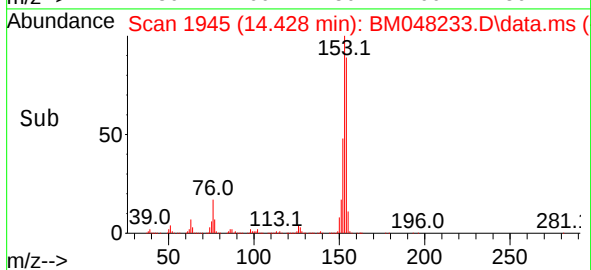
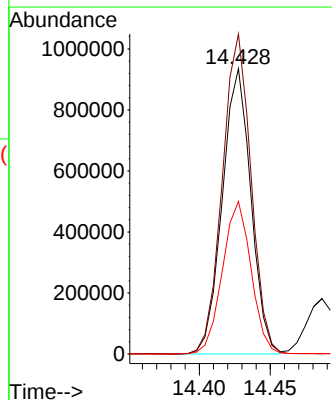
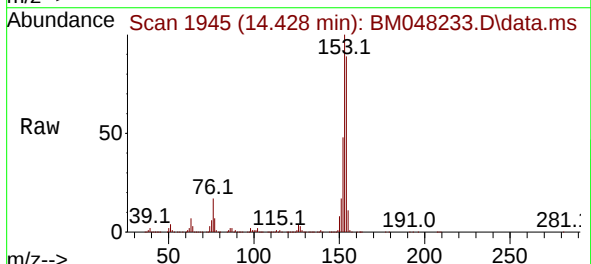
Instrument :
BNA_M
ClientSampleId :
PB164369BSD

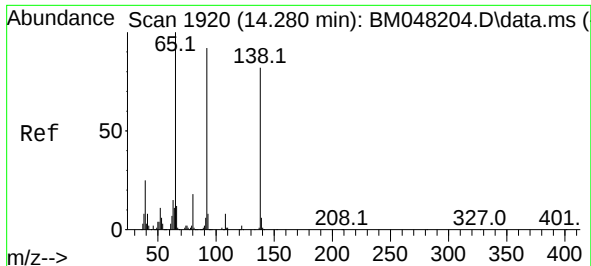
Tgt Ion:165 Resp: 360034
Ion Ratio Lower Upper
165 100
63 51.5 39.5 59.3
89 53.8 41.8 62.6



#52
Acenaphthene
Concen: 48.791 ng
RT: 14.428 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BM048233.D
Acq: 25 Oct 2024 12:58

Tgt Ion:154 Resp: 1307350
Ion Ratio Lower Upper
154 100
153 112.2 90.4 135.6
152 53.4 43.6 65.4

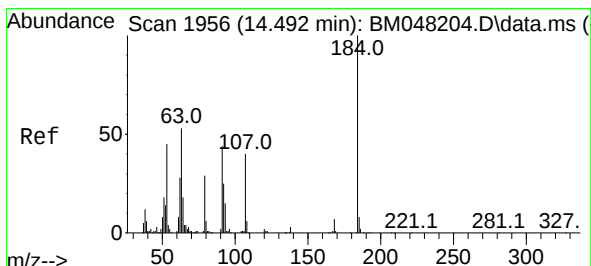
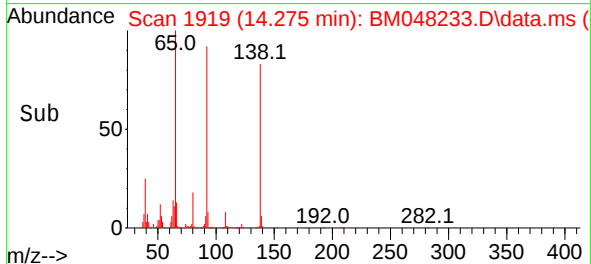
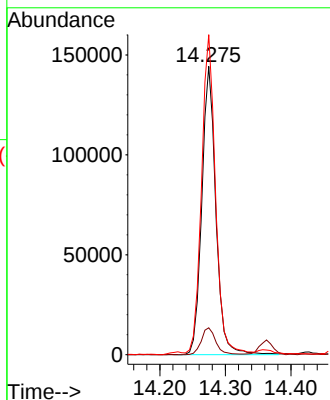
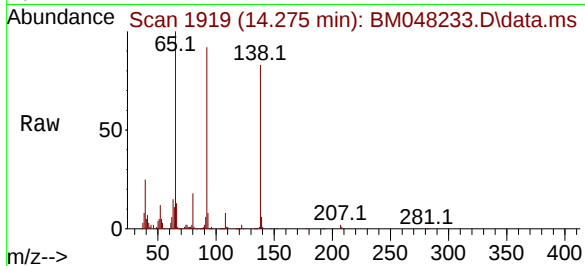




#53
3-Nitroaniline
Concen: 29.196 ng
RT: 14.275 min Scan# 1919
Delta R.T. -0.006 min
Lab File: BM048233.D
Acq: 25 Oct 2024 12:58

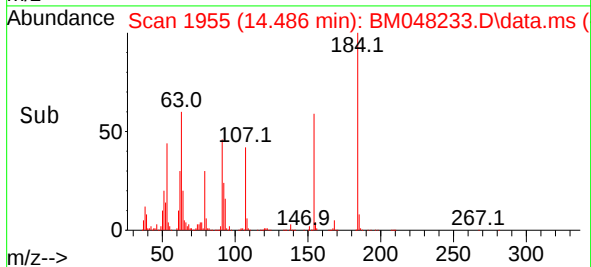
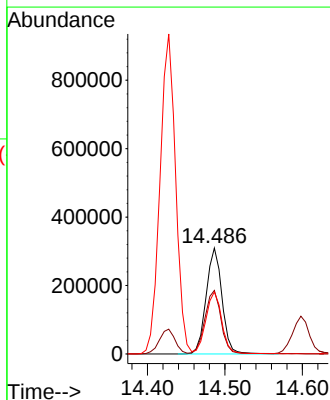
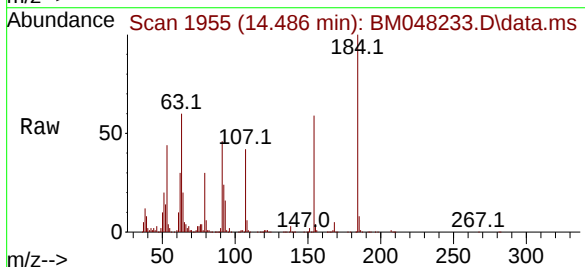
Instrument :
BNA_M
ClientSampleId :
PB164369BSD

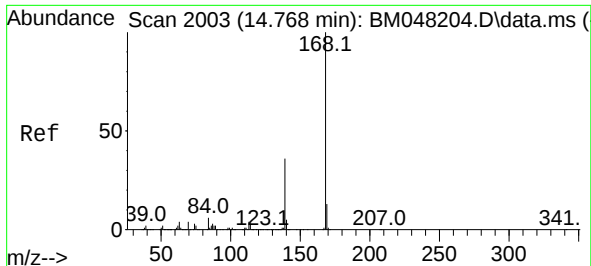
Tgt Ion:138 Resp: 215340
Ion Ratio Lower Upper
138 100
108 9.3 7.5 11.3
92 111.0 89.7 134.5



#54
2,4-Dinitrophenol
Concen: 96.193 ng
RT: 14.486 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BM048233.D
Acq: 25 Oct 2024 12:58

Tgt Ion:184 Resp: 439629
Ion Ratio Lower Upper
184 100
63 60.0 47.2 70.8
154 58.6 46.0 69.0

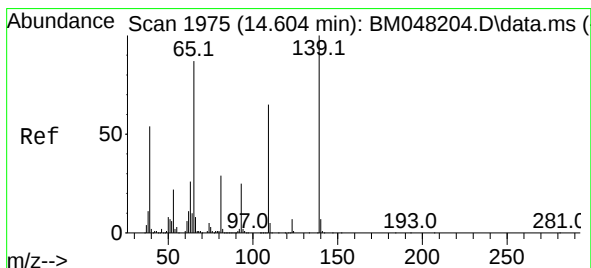
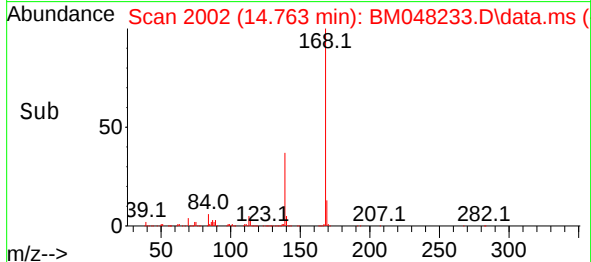
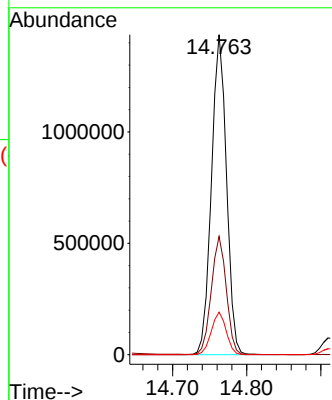
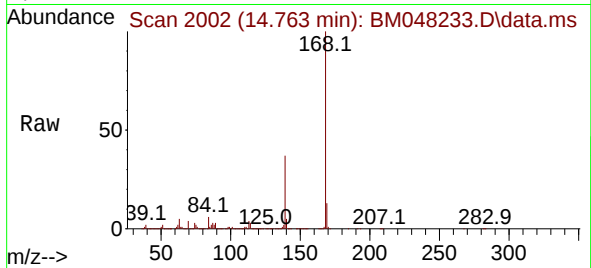




#55
Dibenzofuran
Concen: 47.472 ng
RT: 14.763 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM048233.D
Acq: 25 Oct 2024 12:58

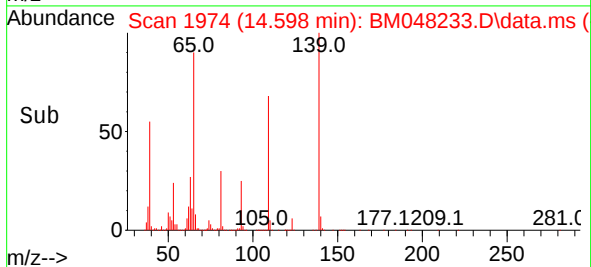
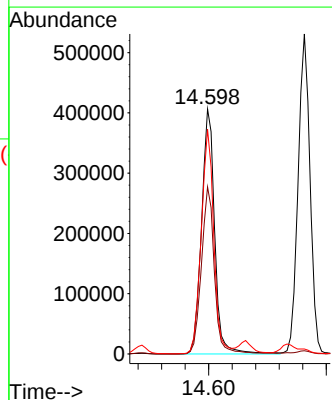
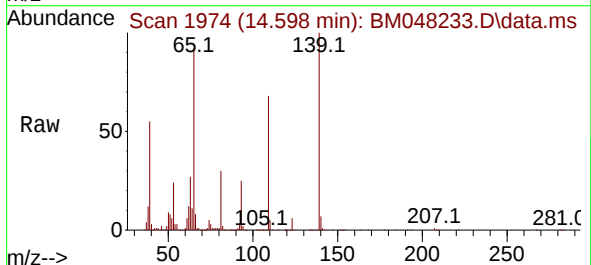
Instrument :
BNA_M
ClientSampleId :
PB164369BSD

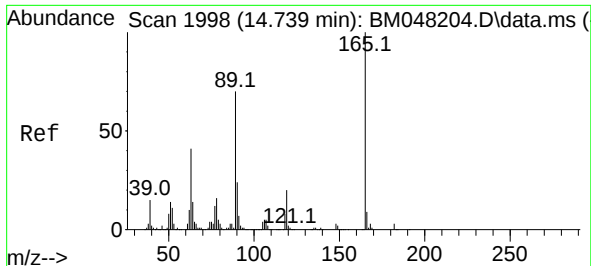
Tgt Ion:168 Resp: 2020924
Ion Ratio Lower Upper
168 100
139 37.0 29.0 43.6
169 13.3 10.4 15.6



#56
4-Nitrophenol
Concen: 96.074 ng
RT: 14.598 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BM048233.D
Acq: 25 Oct 2024 12:58

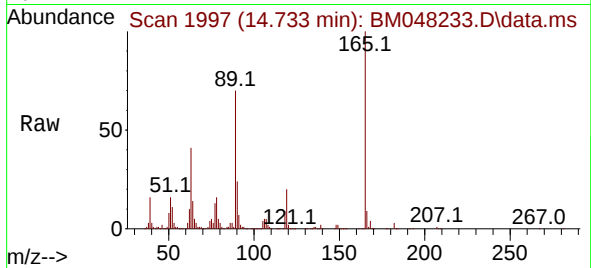
Tgt Ion:139 Resp: 632429
Ion Ratio Lower Upper
139 100
109 68.2 45.4 85.4
65 91.7 67.3 107.3



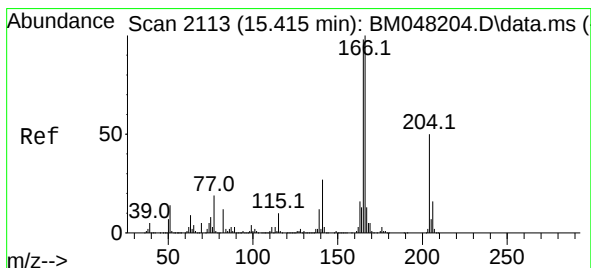
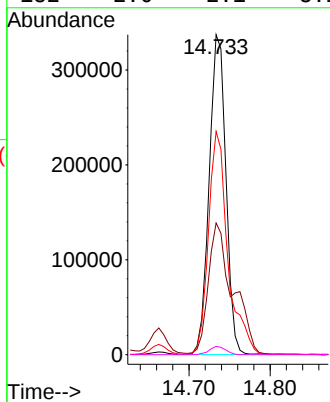
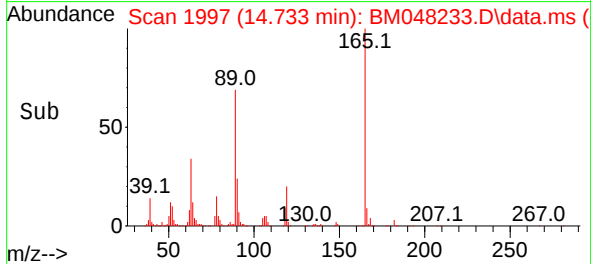


#57
2,4-Dinitrotoluene
Concen: 46.593 ng
RT: 14.733 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BM048233.D
Acq: 25 Oct 2024 12:58

Instrument :
BNA_M
ClientSampleId :
PB164369BSD

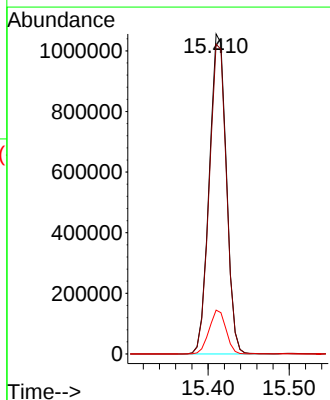
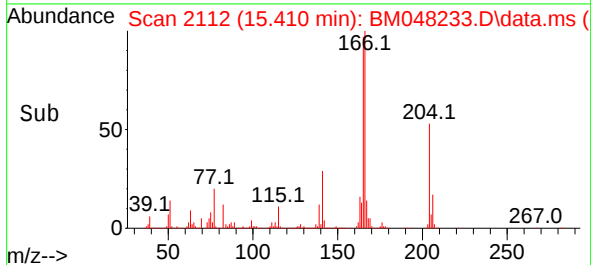
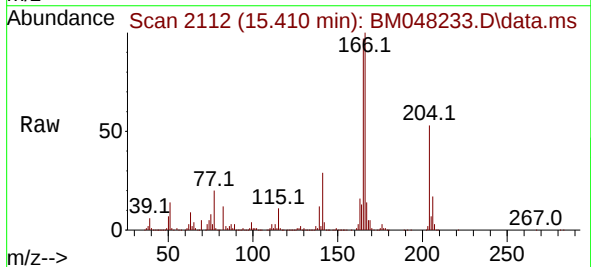


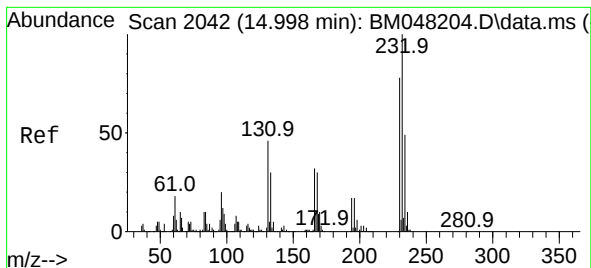
Tgt Ion:165 Resp: 481215
Ion Ratio Lower Upper
165 100
63 41.2 33.0 49.4
89 69.8 55.8 83.6
182 2.6 2.1 3.1



#58
Fluorene
Concen: 45.839 ng
RT: 15.410 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BM048233.D
Acq: 25 Oct 2024 12:58

Tgt Ion:166 Resp: 1543051
Ion Ratio Lower Upper
166 100
165 96.8 78.4 117.6
167 13.7 10.8 16.2

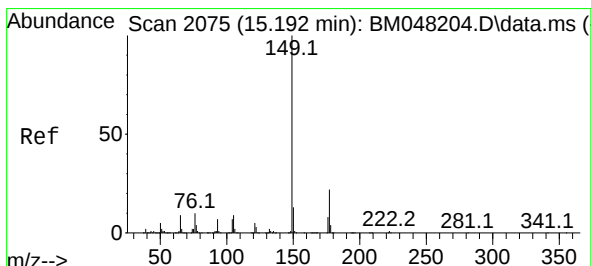
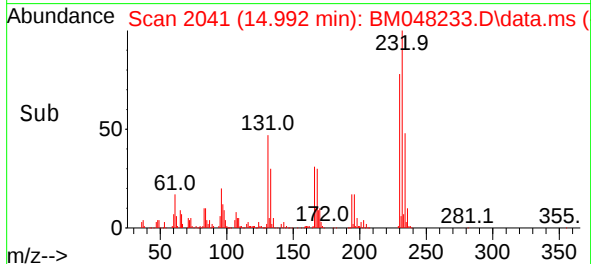
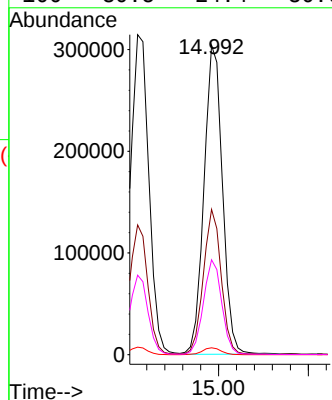
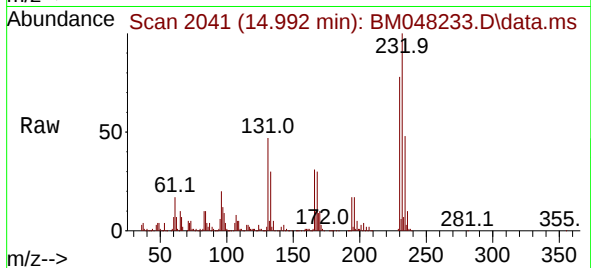




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.284 ng
RT: 14.992 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BM048233.D
Acq: 25 Oct 2024 12:58

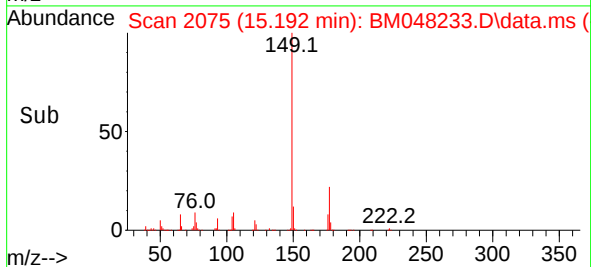
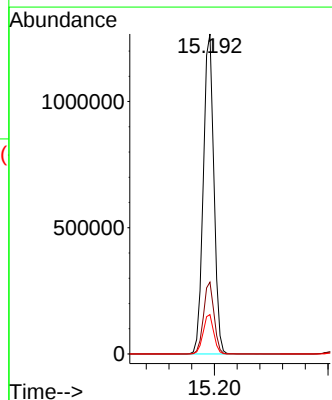
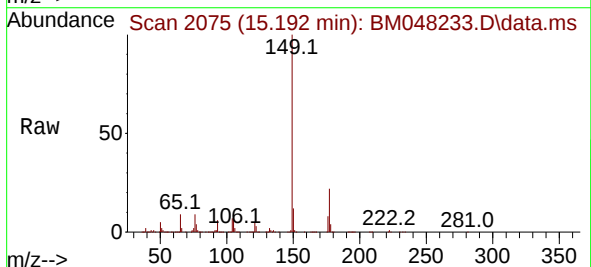
Instrument :
BNA_M
ClientSampleId :
PB164369BSD

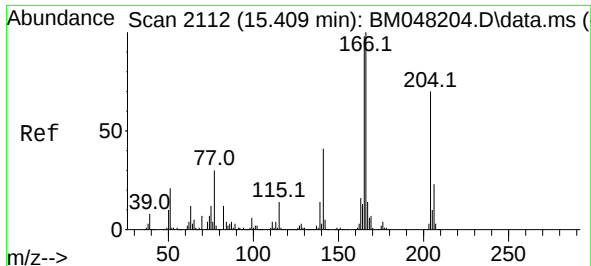
Tgt Ion:232 Resp: 434654
Ion Ratio Lower Upper
232 100
131 45.6 35.5 53.3
130 2.3 1.8 2.6
166 30.5 24.4 36.6



#60
Diethylphthalate
Concen: 46.060 ng
RT: 15.192 min Scan# 2075
Delta R.T. 0.000 min
Lab File: BM048233.D
Acq: 25 Oct 2024 12:58

Tgt Ion:149 Resp: 1634653
Ion Ratio Lower Upper
149 100
177 22.5 17.5 26.3
150 12.3 10.1 15.1

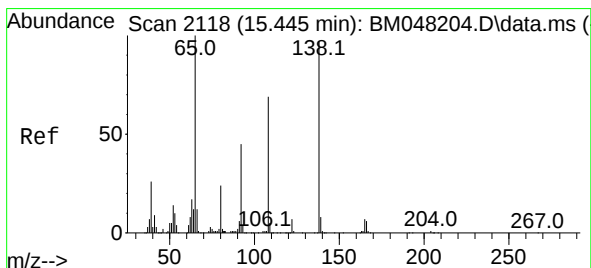
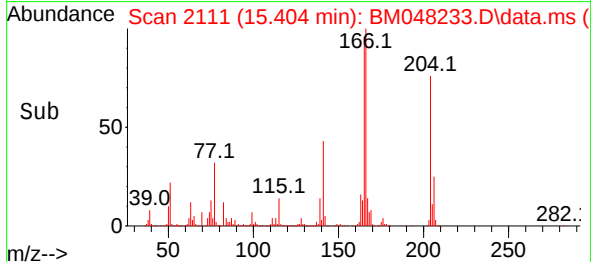
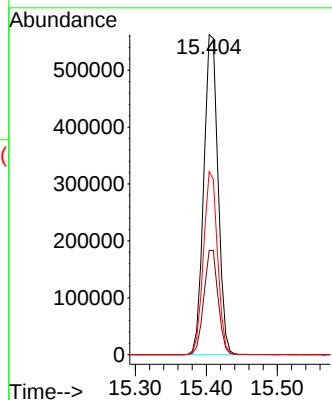
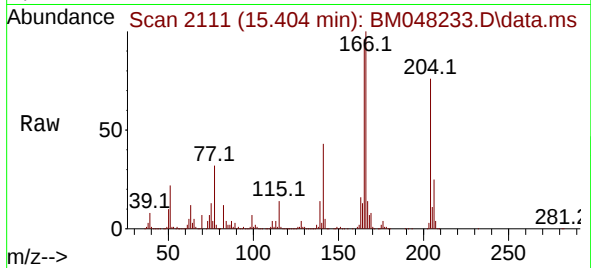




#61
4-Chlorophenyl-phenylether
Concen: 46.662 ng
RT: 15.404 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BM048233.D
Acq: 25 Oct 2024 12:58

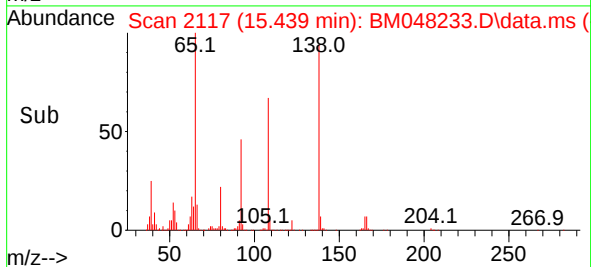
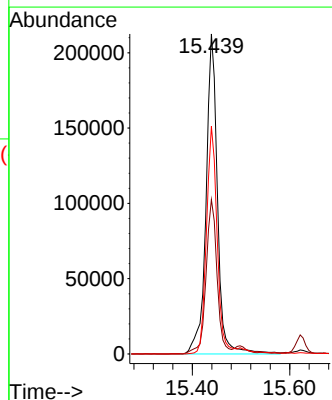
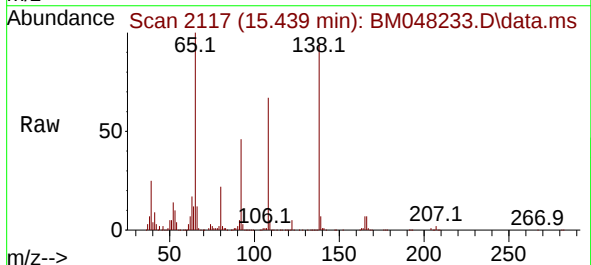
Instrument :
BNA_M
ClientSampleId :
PB164369BSD

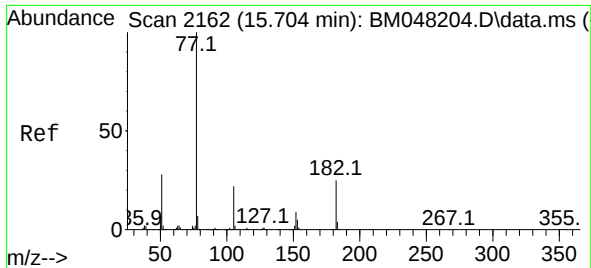
Tgt Ion:204 Resp: 785377
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.4
141 57.2 47.0 70.6



#62
4-Nitroaniline
Concen: 45.366 ng
RT: 15.439 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BM048233.D
Acq: 25 Oct 2024 12:58

Tgt Ion:138 Resp: 346297
Ion Ratio Lower Upper
138 100
92 48.3 26.9 66.9
108 71.2 51.3 91.3

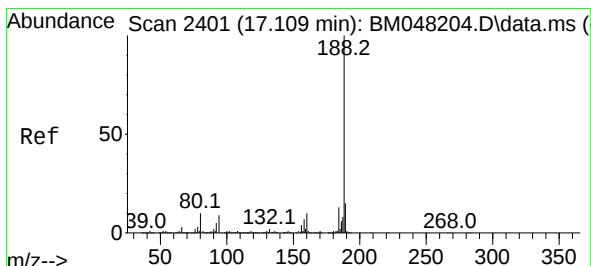
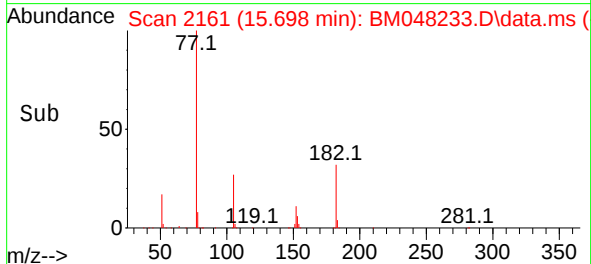
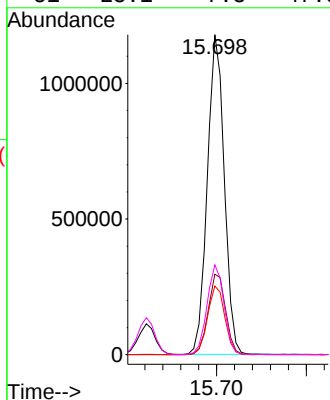
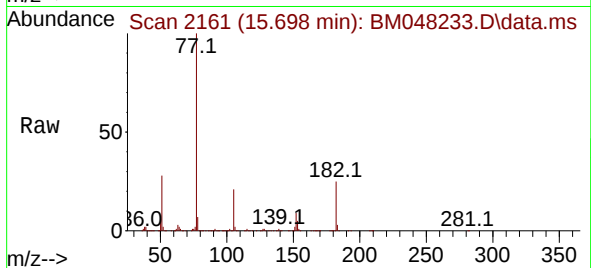




#63
Azobenzene
Concen: 48.584 ng
RT: 15.698 min Scan# 2161
Delta R.T. -0.006 min
Lab File: BM048233.D
Acq: 25 Oct 2024 12:58

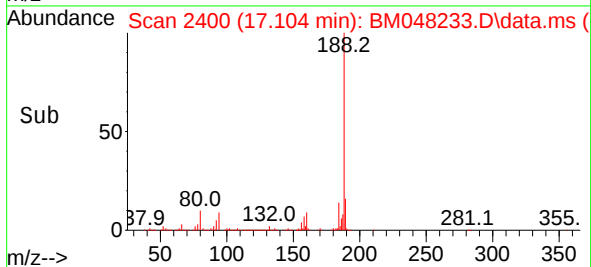
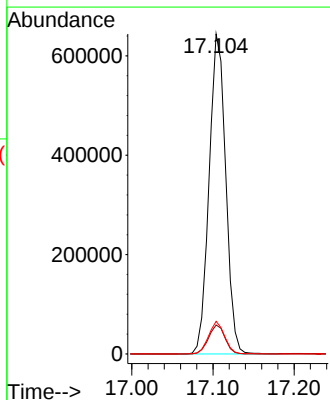
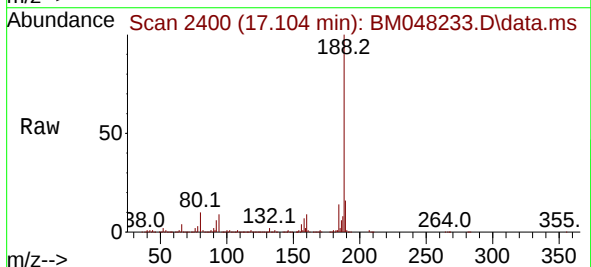
Instrument :
BNA_M
ClientSampleId :
PB164369BSD

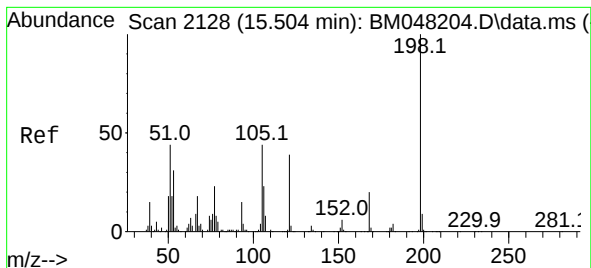
Tgt Ion: 77 Resp: 1545366
Ion Ratio Lower Upper
77 100
182 25.2 5.3 45.3
105 21.5 1.6 41.6
51 28.1 7.8 47.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.104 min Scan# 2400
Delta R.T. -0.006 min
Lab File: BM048233.D
Acq: 25 Oct 2024 12:58

Tgt Ion:188 Resp: 916015
Ion Ratio Lower Upper
188 100
94 9.1 7.3 10.9
80 10.2 8.0 12.0

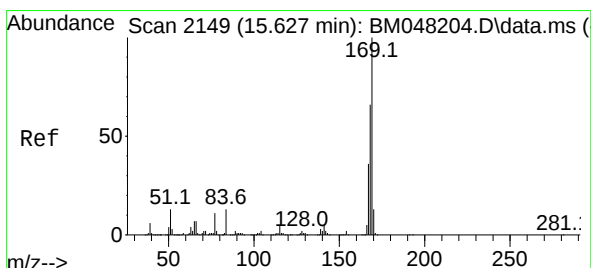
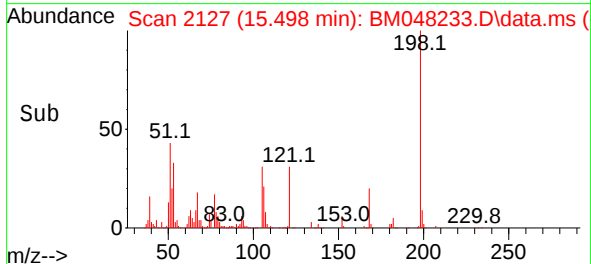
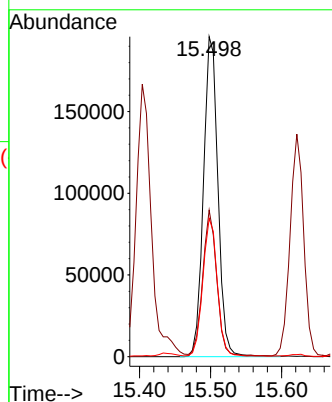
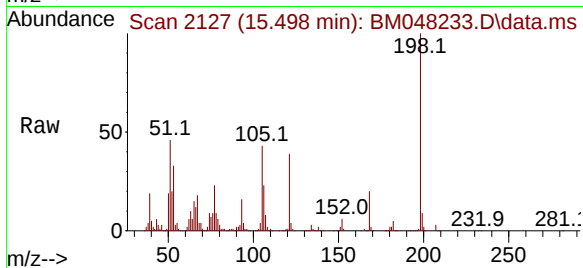




#65
4,6-Dinitro-2-methylphenol
Concen: 52.303 ng
RT: 15.498 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BM048233.D
Acq: 25 Oct 2024 12:58

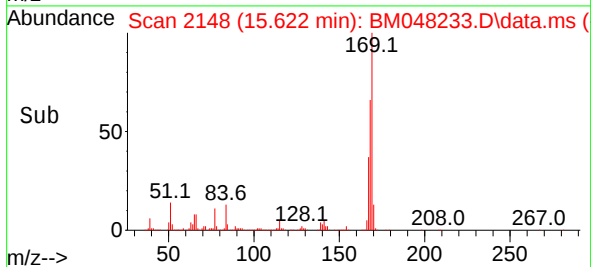
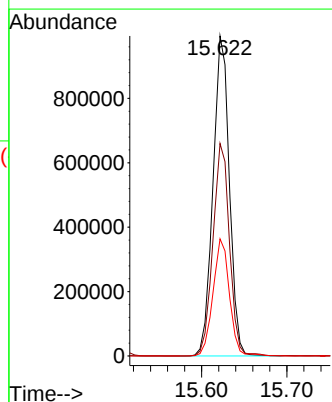
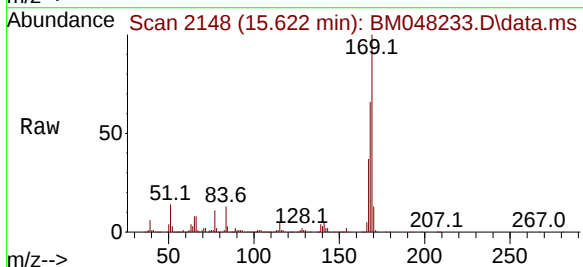
Instrument :
BNA_M
ClientSampleId :
PB164369BSD

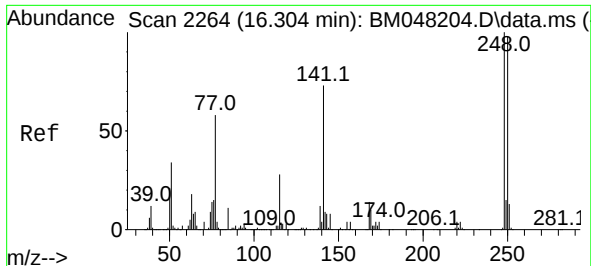
Tgt Ion:198 Resp: 277984
Ion Ratio Lower Upper
198 100
51 45.8 25.4 65.4
105 43.2 23.9 63.9



#66
n-Nitrosodiphenylamine
Concen: 52.868 ng
RT: 15.622 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BM048233.D
Acq: 25 Oct 2024 12:58

Tgt Ion:169 Resp: 1329437
Ion Ratio Lower Upper
169 100
168 66.4 52.9 79.3
167 36.6 29.3 43.9

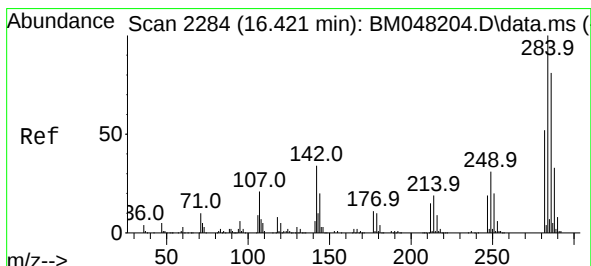
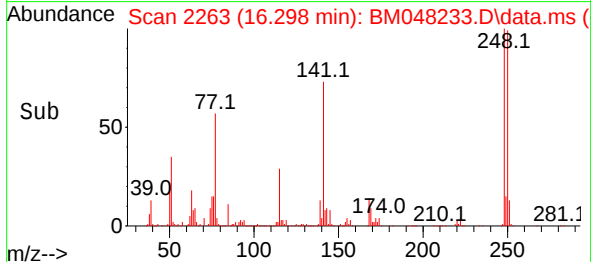
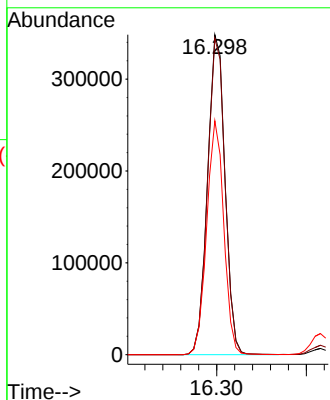
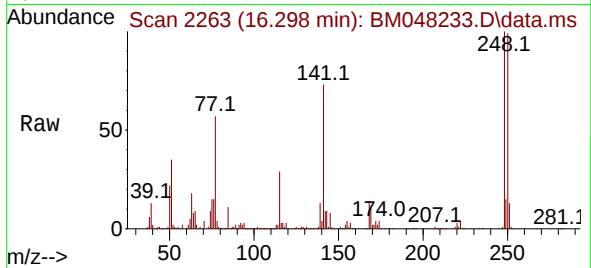




#67
4-Bromophenyl-phenylether
Concen: 50.746 ng
RT: 16.298 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM048233.D
Acq: 25 Oct 2024 12:58

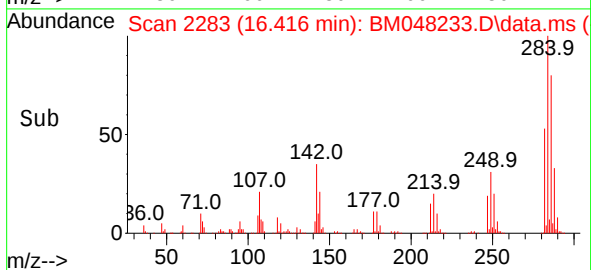
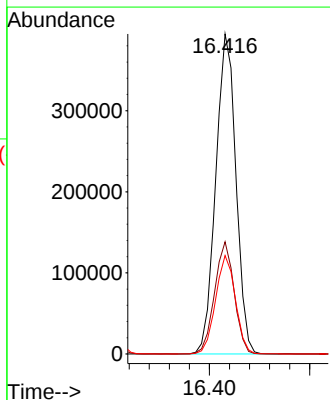
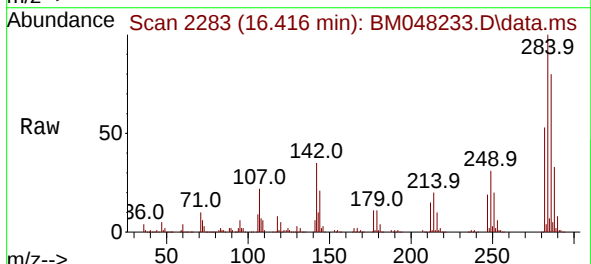
Instrument :
BNA_M
ClientSampleId :
PB164369BSD

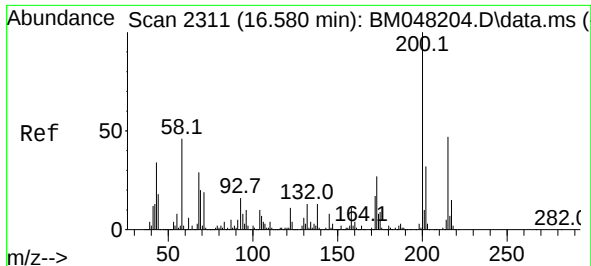
Tgt Ion:248 Resp: 471288
Ion Ratio Lower Upper
248 100
250 98.8 78.3 117.5
141 73.1 58.0 87.0



#68
Hexachlorobenzene
Concen: 49.383 ng
RT: 16.416 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BM048233.D
Acq: 25 Oct 2024 12:58

Tgt Ion:284 Resp: 550844
Ion Ratio Lower Upper
284 100
142 35.1 27.0 40.4
249 30.8 24.6 36.8

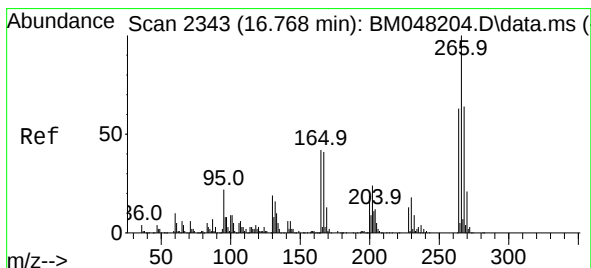
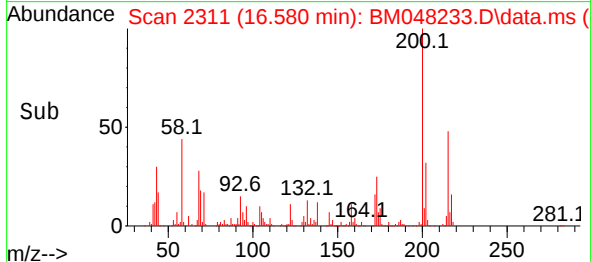
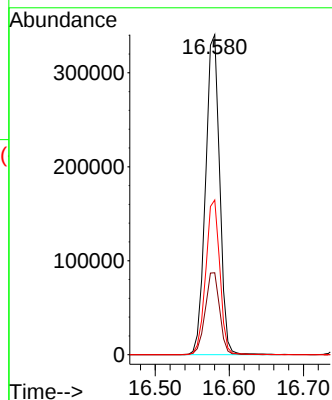
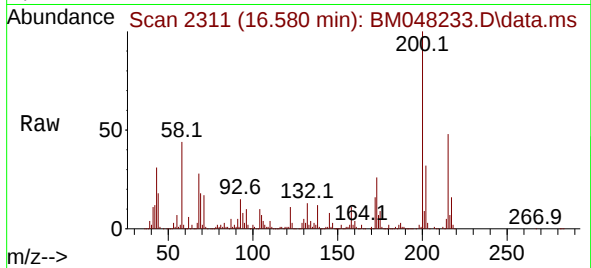




#69
 Atrazine
 Concen: 64.158 ng
 RT: 16.580 min Scan# 2311
 Delta R.T. 0.000 min
 Lab File: BM048233.D
 Acq: 25 Oct 2024 12:58

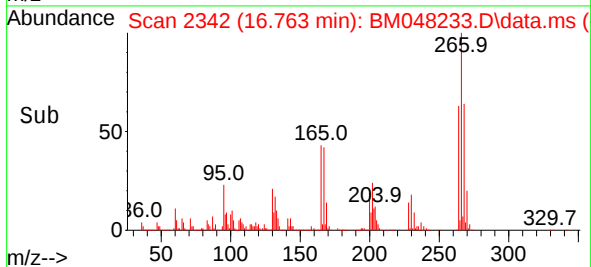
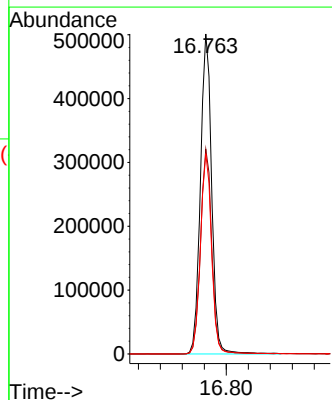
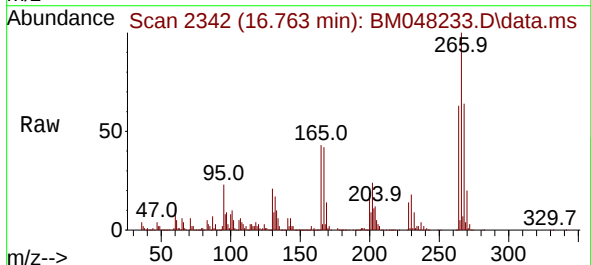
Instrument :
 BNA_M
 ClientSampleId :
 PB164369BSD

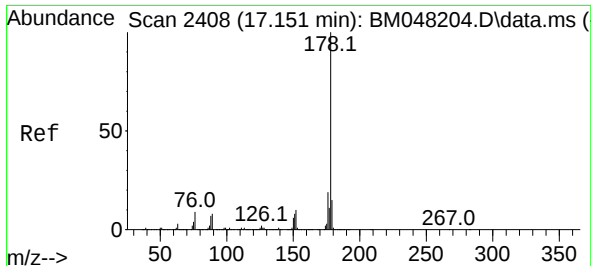
Tgt Ion:200 Resp: 451420
 Ion Ratio Lower Upper
 200 100
 173 25.6 6.5 46.5
 215 48.3 27.2 67.2



#70
 Pentachlorophenol
 Concen: 97.233 ng
 RT: 16.763 min Scan# 2342
 Delta R.T. -0.006 min
 Lab File: BM048233.D
 Acq: 25 Oct 2024 12:58

Tgt Ion:266 Resp: 712070
 Ion Ratio Lower Upper
 266 100
 268 64.0 50.8 76.2
 264 62.6 50.2 75.2

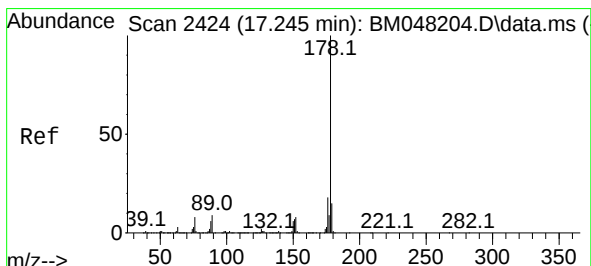
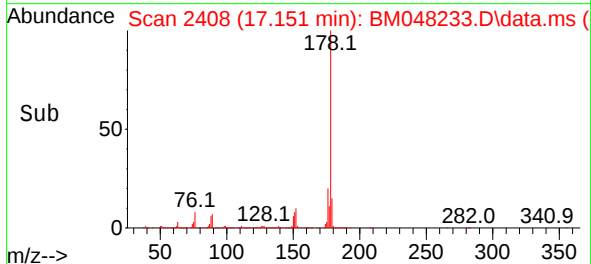
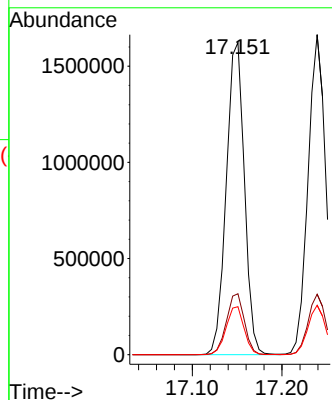
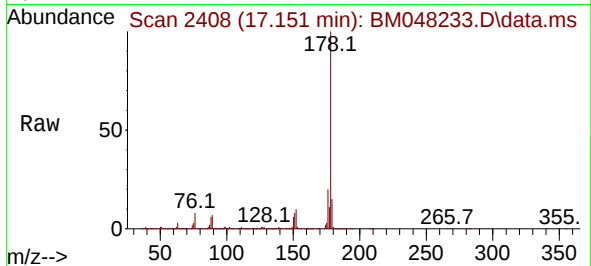




#71
Phenanthrene
Concen: 50.221 ng
RT: 17.151 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BM048233.D
Acq: 25 Oct 2024 12:58

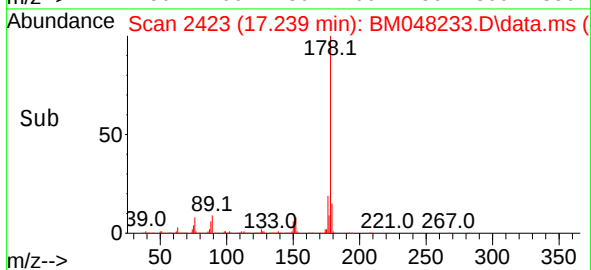
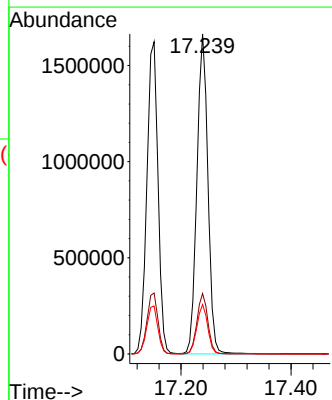
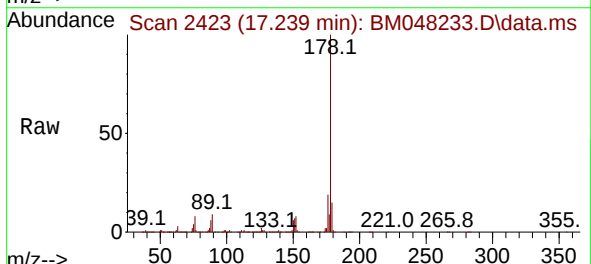
Instrument :
BNA_M
ClientSampleId :
PB164369BSD

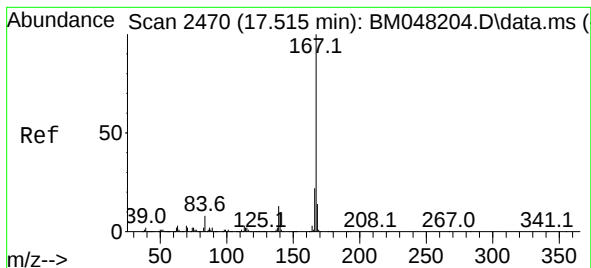
Tgt Ion:178 Resp: 2277951
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.0
179 15.4 12.4 18.6



#72
Anthracene
Concen: 52.595 ng
RT: 17.239 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BM048233.D
Acq: 25 Oct 2024 12:58

Tgt Ion:178 Resp: 2309397
Ion Ratio Lower Upper
178 100
176 18.9 14.8 22.2
179 15.5 12.2 18.2





#73

Carbazole

Concen: 47.479 ng

RT: 17.510 min Scan# 2469

Delta R.T. -0.006 min

Lab File: BM048233.D

Acq: 25 Oct 2024 12:58

Instrument :

BNA_M

ClientSampleId :

PB164369BSD

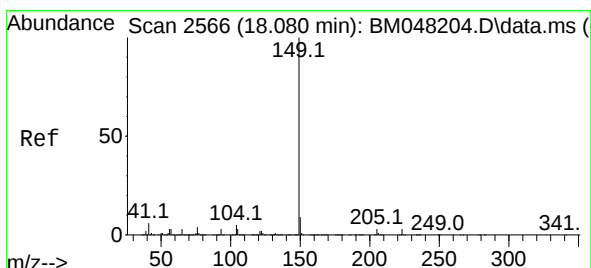
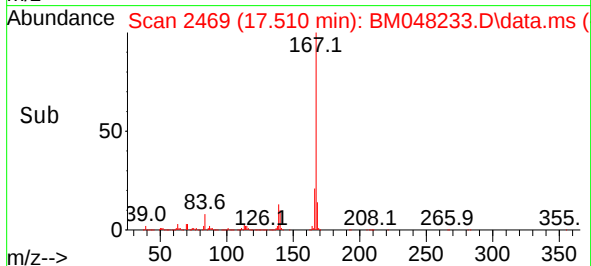
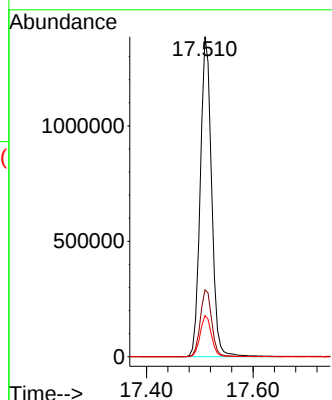
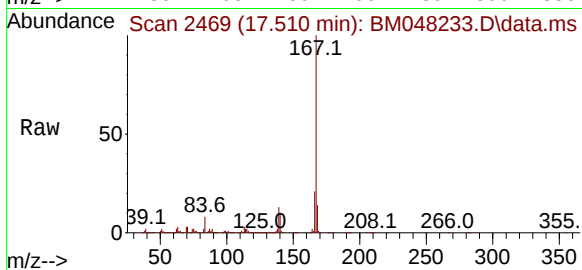
Tgt Ion:167 Resp: 2043704

Ion Ratio Lower Upper

167 100

166 20.9 17.2 25.8

139 12.9 10.4 15.6



#74

Di-n-butylphthalate

Concen: 48.584 ng

RT: 18.074 min Scan# 2565

Delta R.T. -0.006 min

Lab File: BM048233.D

Acq: 25 Oct 2024 12:58

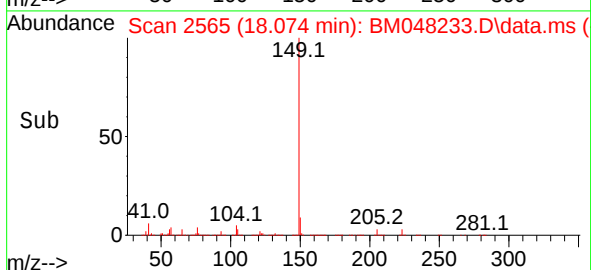
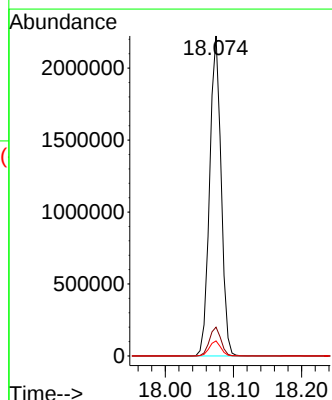
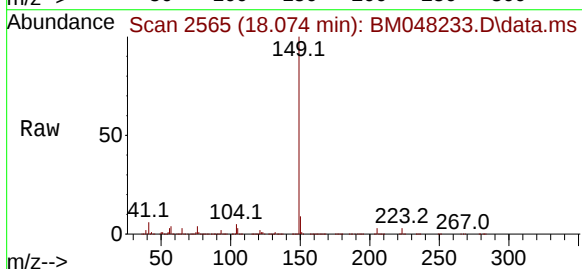
Tgt Ion:149 Resp: 2603062

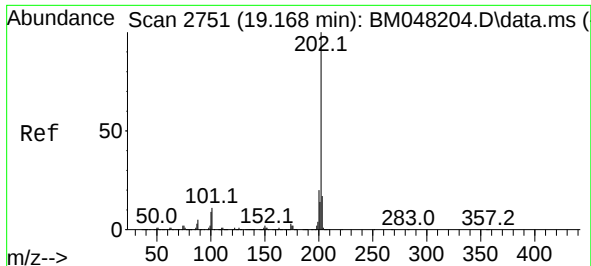
Ion Ratio Lower Upper

149 100

150 9.0 7.2 10.8

104 4.7 3.8 5.6

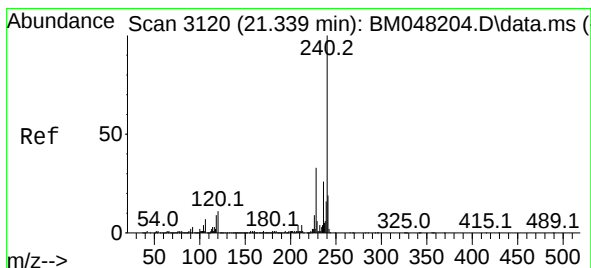
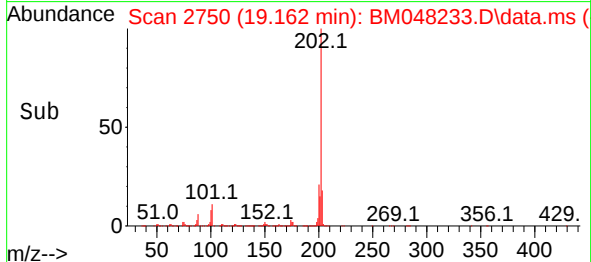
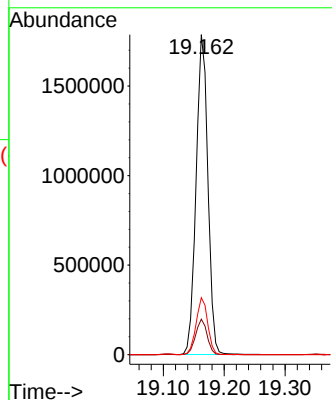
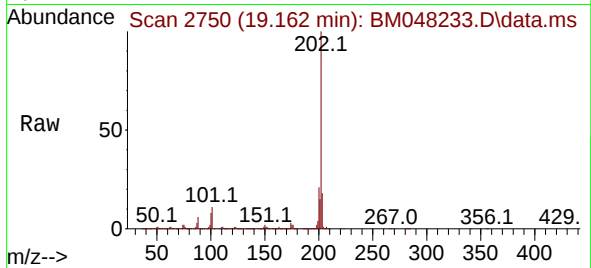




#75
Fluoranthene
Concen: 44.320 ng
RT: 19.162 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM048233.D
Acq: 25 Oct 2024 12:58

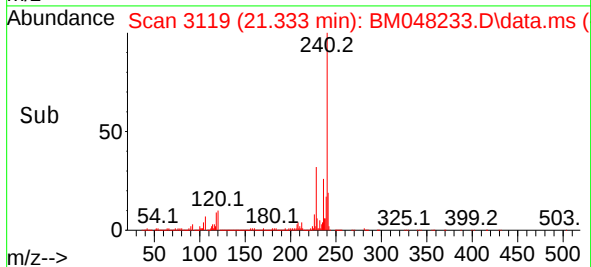
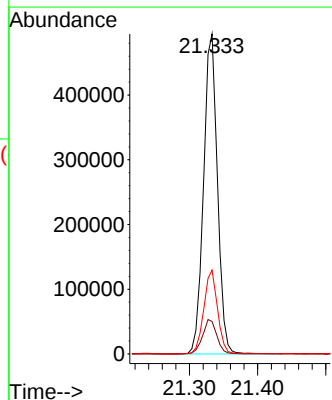
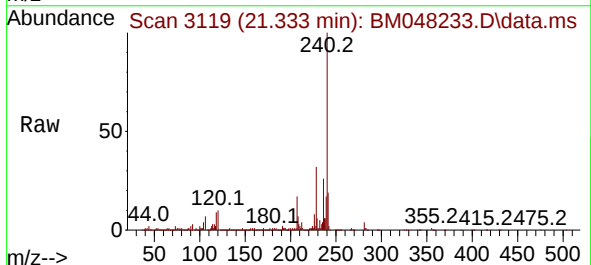
Instrument :
BNA_M
ClientSampleId :
PB164369BSD

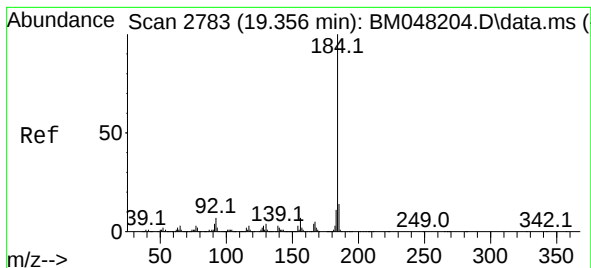
Tgt Ion:202 Resp: 2398028
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.0
203 17.8 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.333 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BM048233.D
Acq: 25 Oct 2024 12:58

Tgt Ion:240 Resp: 699111
Ion Ratio Lower Upper
240 100
120 10.2 8.6 13.0
236 26.2 20.7 31.1





#77

Benzidine

Concen: 104.934 ng

RT: 19.351 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM048233.D

Acq: 25 Oct 2024 12:58

Instrument :

BNA_M

ClientSampleId :

PB164369BSD

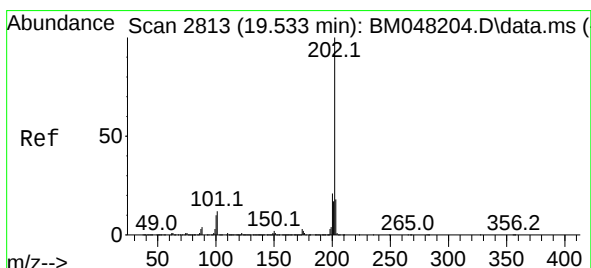
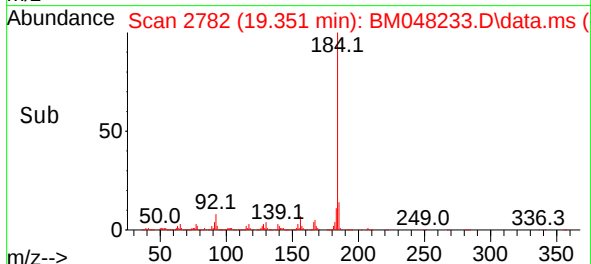
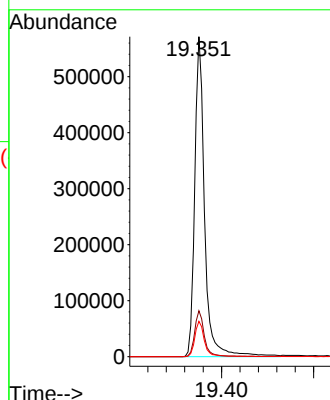
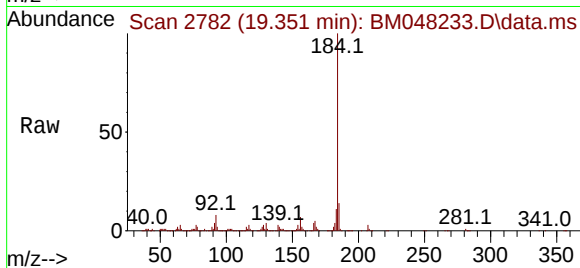
Tgt Ion:184 Resp: 846649

Ion Ratio Lower Upper

184 100

185 14.3 11.4 17.0

183 11.1 9.0 13.4



#78

Pyrene

Concen: 54.459 ng

RT: 19.527 min Scan# 2812

Delta R.T. -0.006 min

Lab File: BM048233.D

Acq: 25 Oct 2024 12:58

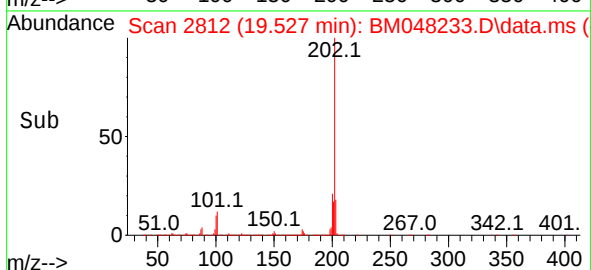
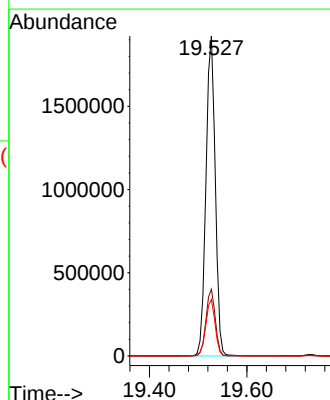
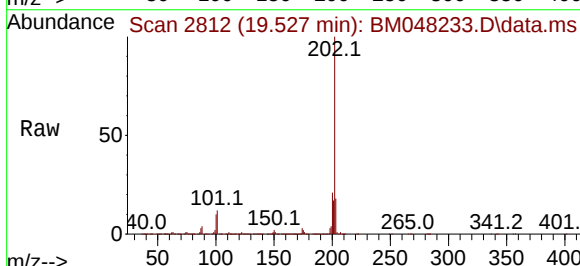
Tgt Ion:202 Resp: 2548311

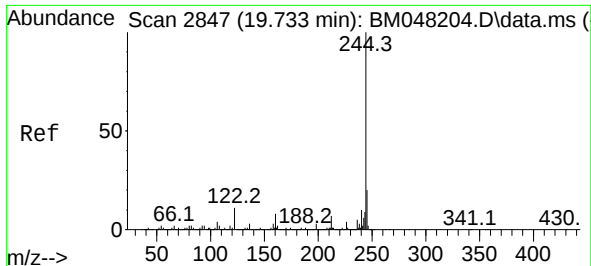
Ion Ratio Lower Upper

202 100

200 20.9 16.9 25.3

203 17.6 14.1 21.1

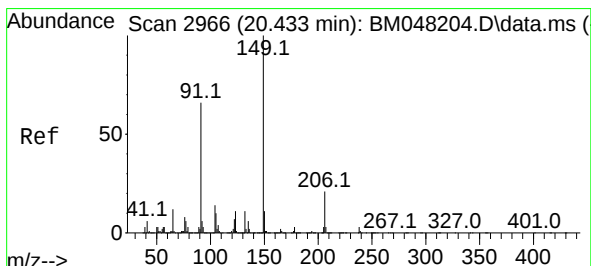
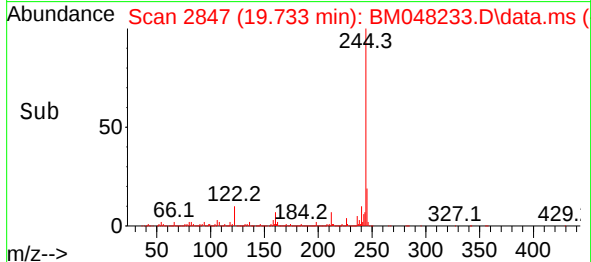
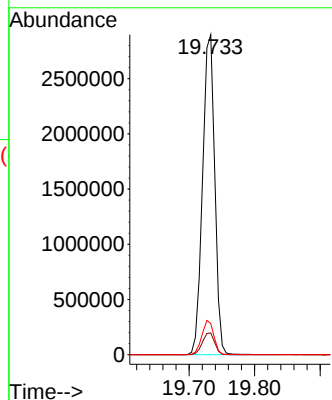
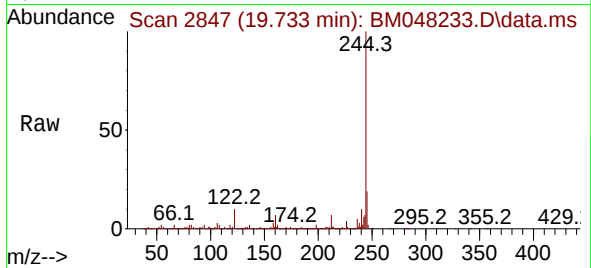




#79
 Terphenyl-d14
 Concen: 109.621 ng
 RT: 19.733 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM048233.D
 Acq: 25 Oct 2024 12:58

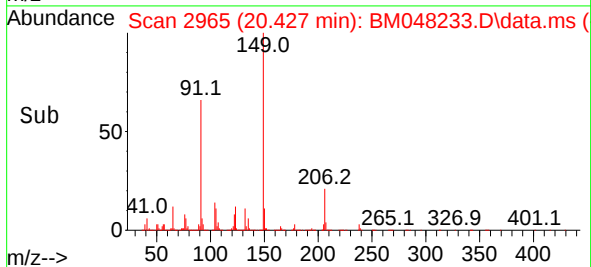
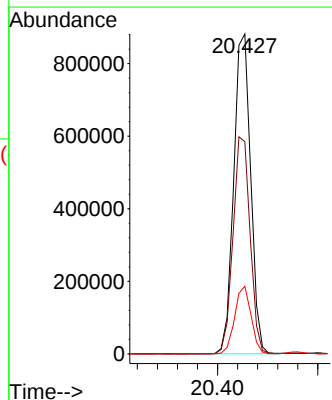
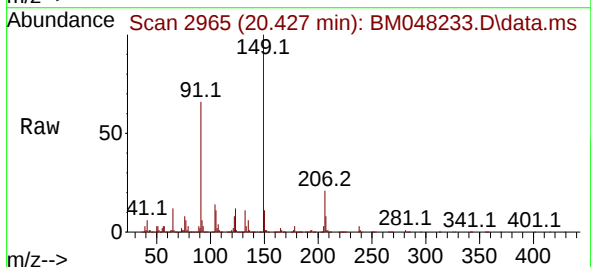
Instrument :
 BNA_M
 ClientSampleId :
 PB164369BSD

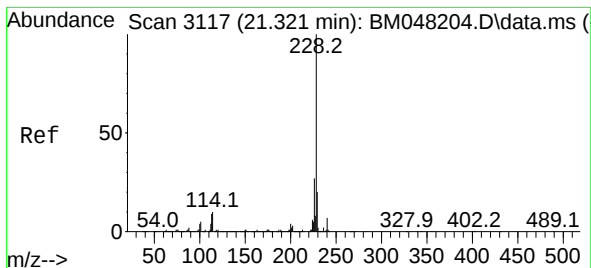
Tgt Ion:244 Resp: 3755388
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 9.8 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 52.820 ng
 RT: 20.427 min Scan# 2965
 Delta R.T. -0.006 min
 Lab File: BM048233.D
 Acq: 25 Oct 2024 12:58

Tgt Ion:149 Resp: 1033558
 Ion Ratio Lower Upper
 149 100
 91 66.4 52.5 78.7
 206 21.1 17.0 25.6





#81

Benzo(a)anthracene

Concen: 50.875 ng

RT: 21.315 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BM048233.D

Acq: 25 Oct 2024 12:58

Instrument :

BNA_M

ClientSampleId :

PB164369BSD

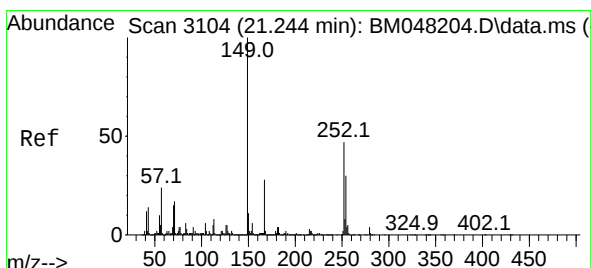
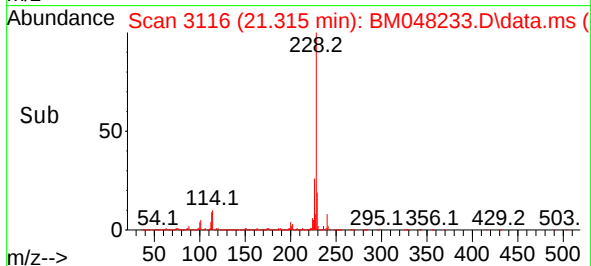
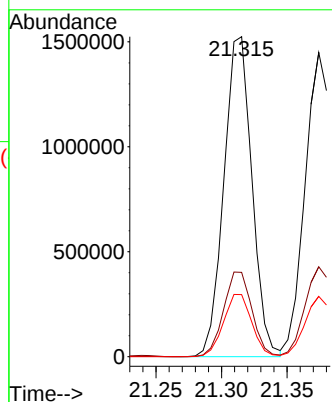
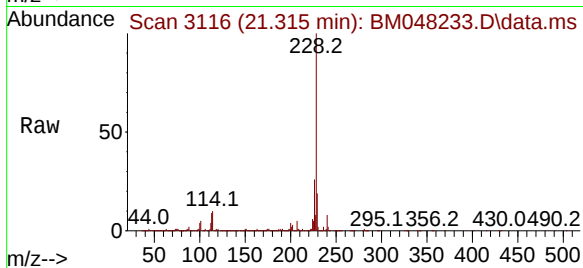
Tgt Ion:228 Resp: 2272826

Ion Ratio Lower Upper

228 100

226 26.4 21.5 32.3

229 19.4 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 34.706 ng

RT: 21.239 min Scan# 3103

Delta R.T. -0.006 min

Lab File: BM048233.D

Acq: 25 Oct 2024 12:58

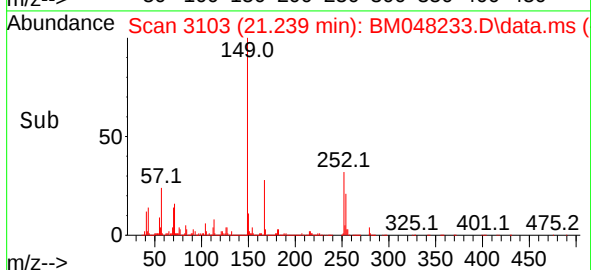
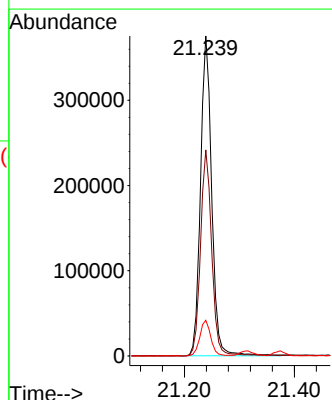
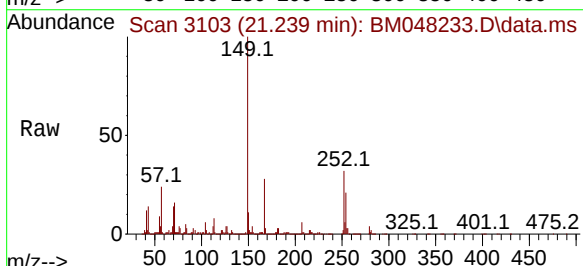
Tgt Ion:252 Resp: 531097

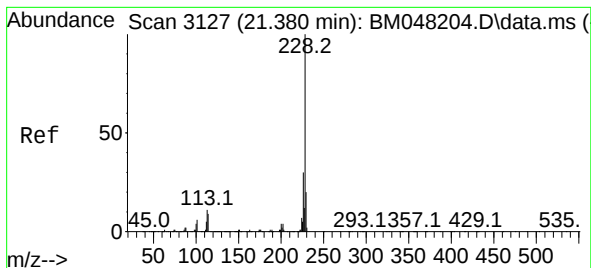
Ion Ratio Lower Upper

252 100

254 64.4 51.8 77.8

126 11.2 8.8 13.2





#83

Chrysene

Concen: 50.061 ng

RT: 21.374 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM048233.D

Acq: 25 Oct 2024 12:58

Instrument :

BNA_M

ClientSampleId :

PB164369BSD

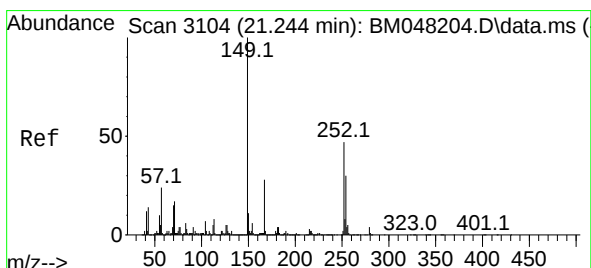
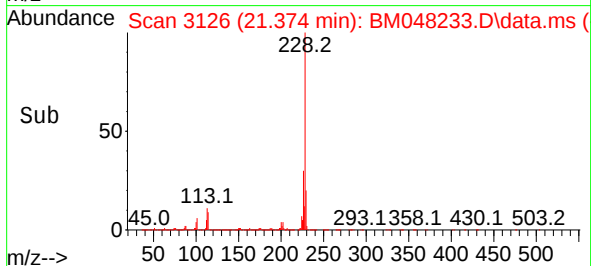
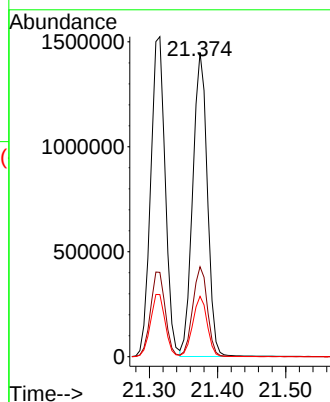
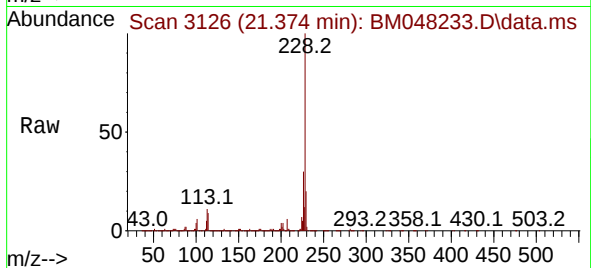
Tgt Ion:228 Resp: 2146699

Ion Ratio Lower Upper

228 100

226 29.6 23.5 35.3

229 19.8 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.892 ng

RT: 21.239 min Scan# 3103

Delta R.T. -0.006 min

Lab File: BM048233.D

Acq: 25 Oct 2024 12:58

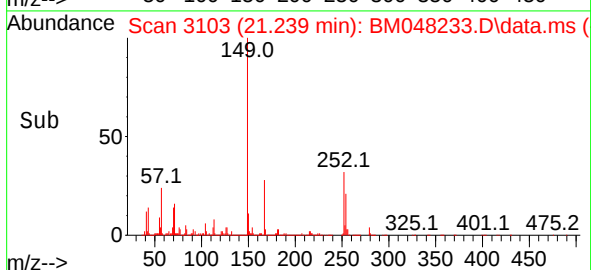
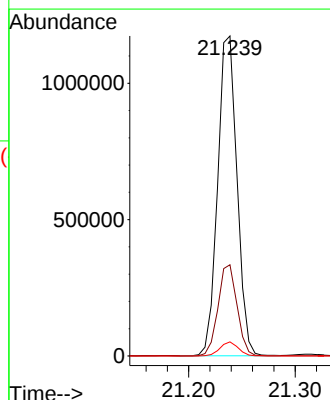
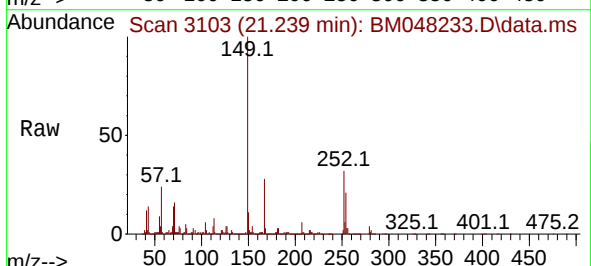
Tgt Ion:149 Resp: 1475826

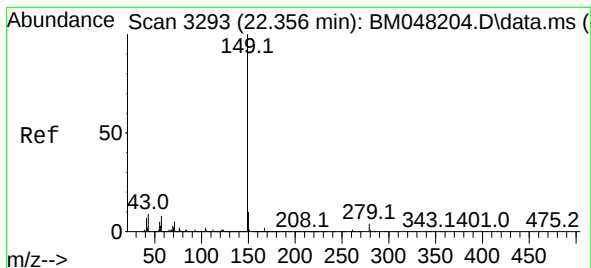
Ion Ratio Lower Upper

149 100

167 28.5 22.5 33.7

279 4.4 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 49.541 ng

RT: 22.351 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM048233.D

Acq: 25 Oct 2024 12:58

Instrument :

BNA_M

ClientSampleId :

PB164369BSD

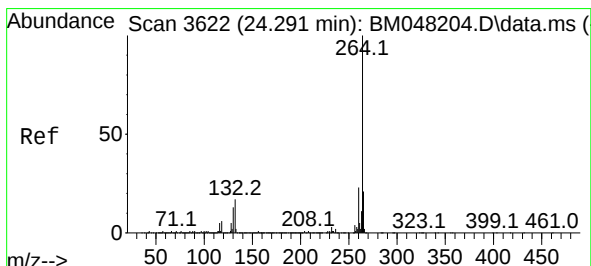
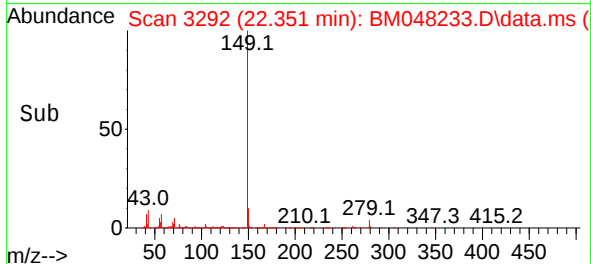
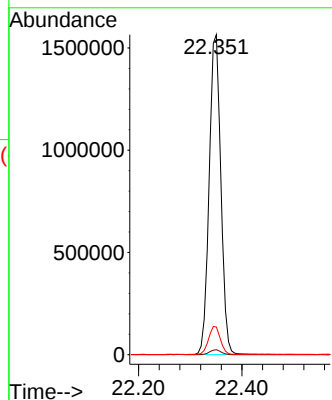
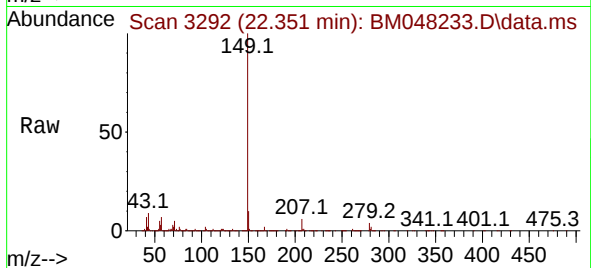
Tgt Ion:149 Resp: 2440203

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 8.9 7.3 10.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.280 min Scan# 3620

Delta R.T. -0.011 min

Lab File: BM048233.D

Acq: 25 Oct 2024 12:58

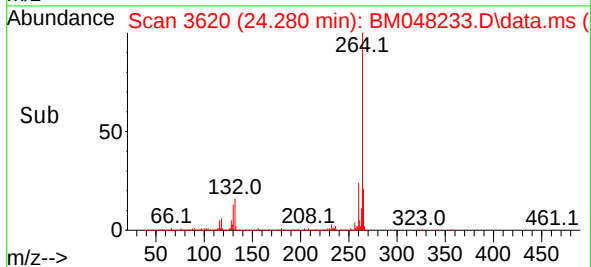
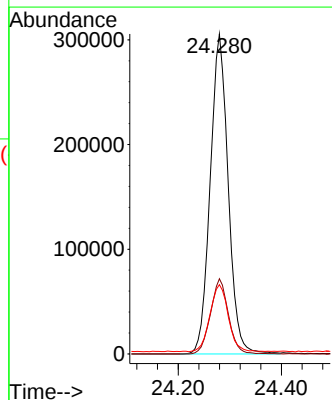
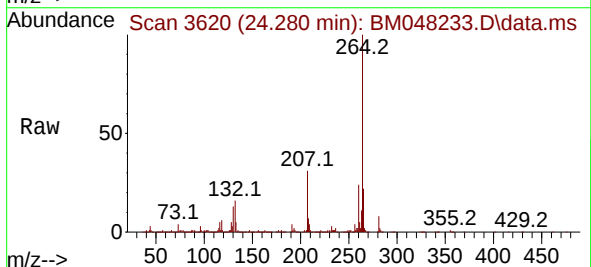
Tgt Ion:264 Resp: 737917

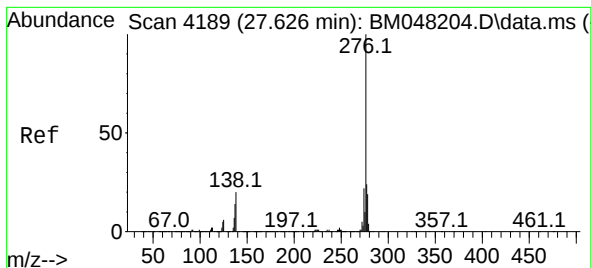
Ion Ratio Lower Upper

264 100

260 23.5 18.6 27.8

265 21.6 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 54.091 ng

RT: 27.603 min Scan# 41

Delta R.T. -0.023 min

Lab File: BM048233.D

Acq: 25 Oct 2024 12:58

Instrument :

BNA_M

ClientSampleId :

PB164369BSD

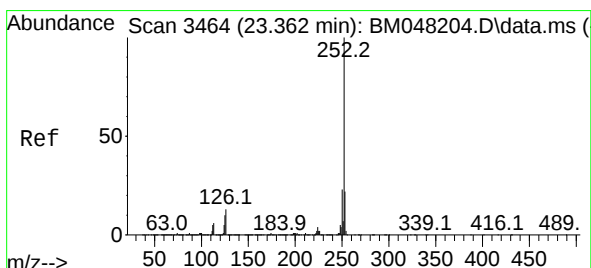
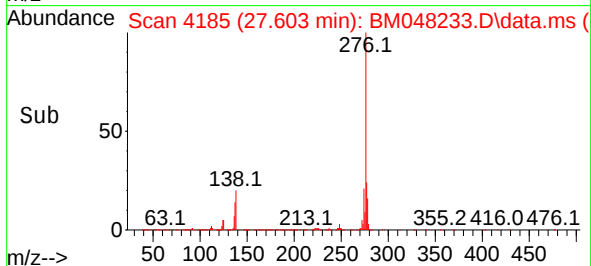
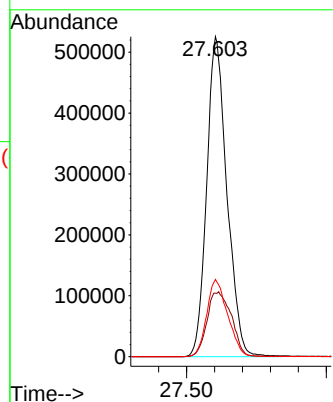
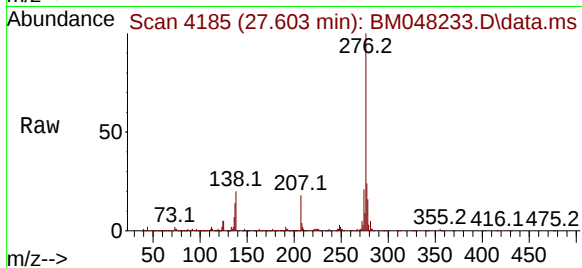
Tgt Ion:276 Resp: 2639431

Ion Ratio Lower Upper

276 100

138 24.5 19.8 29.6

277 25.1 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 51.524 ng

RT: 23.350 min Scan# 3462

Delta R.T. -0.011 min

Lab File: BM048233.D

Acq: 25 Oct 2024 12:58

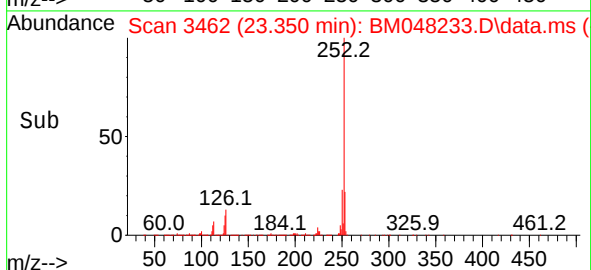
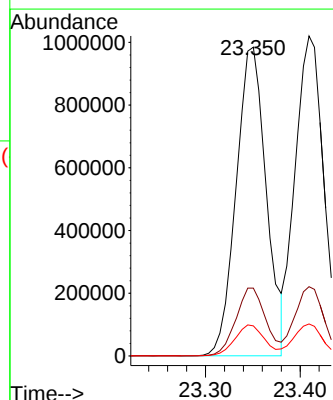
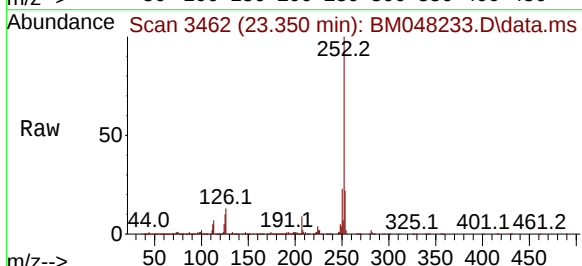
Tgt Ion:252 Resp: 2179954

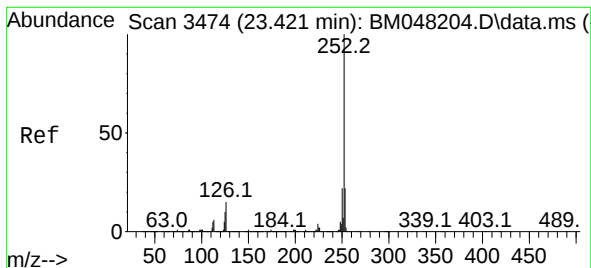
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 9.8 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 52.660 ng

RT: 23.409 min Scan# 34

Delta R.T. -0.011 min

Lab File: BM048233.D

Acq: 25 Oct 2024 12:58

Instrument :

BNA_M

ClientSampleId :

PB164369BSD

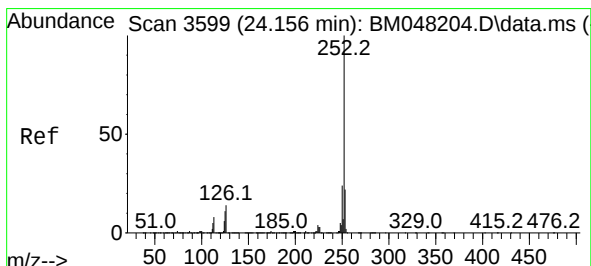
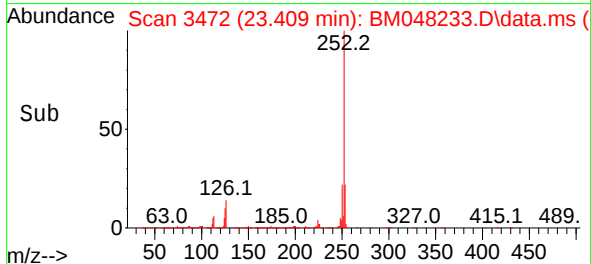
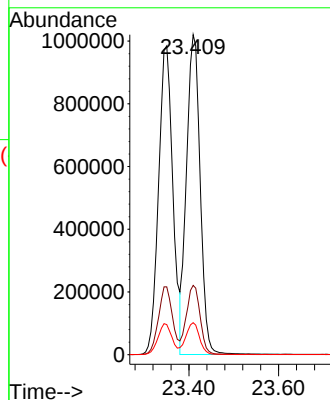
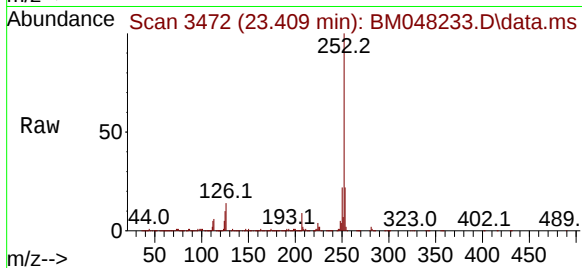
Tgt Ion:252 Resp: 2154133

Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.8

125 10.0 7.8 11.6



#90

Benzo(a)pyrene

Concen: 55.526 ng

RT: 24.145 min Scan# 3597

Delta R.T. -0.011 min

Lab File: BM048233.D

Acq: 25 Oct 2024 12:58

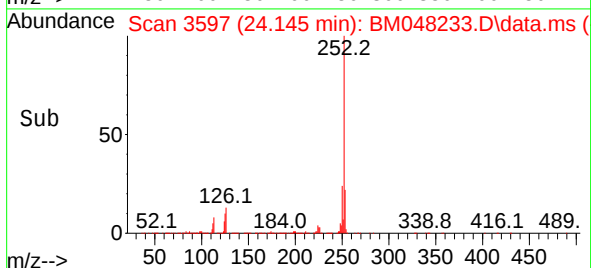
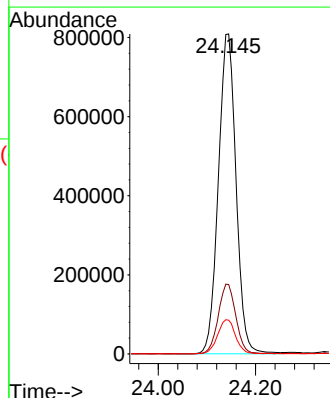
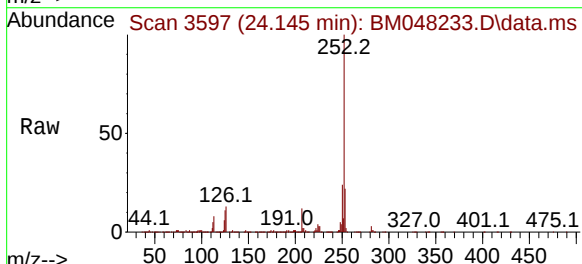
Tgt Ion:252 Resp: 2042425

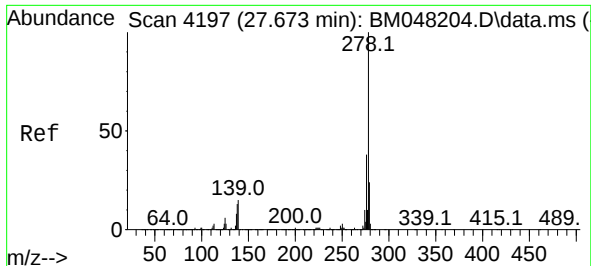
Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 10.5 8.8 13.2

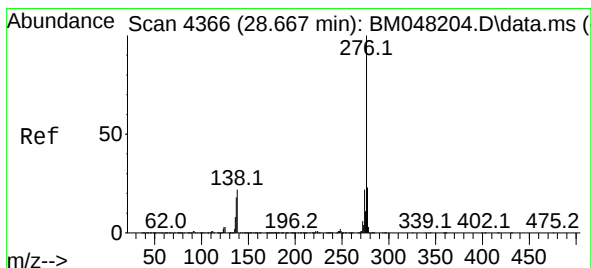
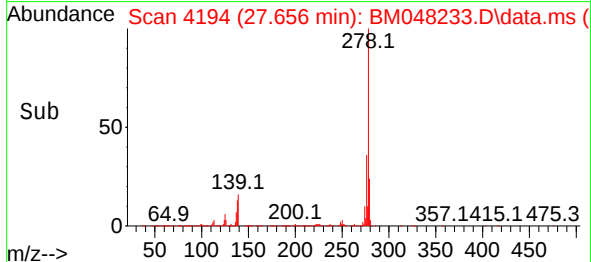
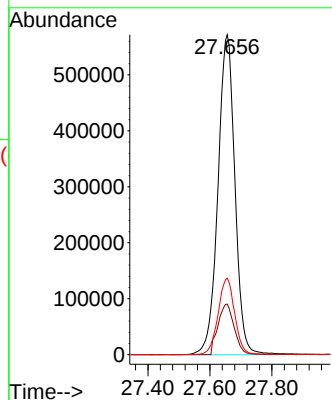
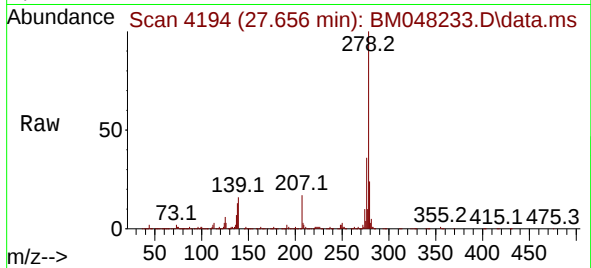




#91
 Dibenzo(a,h)anthracene
 Concen: 53.589 ng
 RT: 27.656 min Scan# 4194
 Delta R.T. -0.017 min
 Lab File: BM048233.D
 Acq: 25 Oct 2024 12:58

Instrument :
 BNA_M
 ClientSampleId :
 PB164369BSD

Tgt Ion:278 Resp: 2177602
 Ion Ratio Lower Upper
 278 100
 139 15.8 12.2 18.4
 279 23.9 19.0 28.6



#92
 Benzo(g,h,i)perylene
 Concen: 48.889 ng
 RT: 28.638 min Scan# 4361
 Delta R.T. -0.029 min
 Lab File: BM048233.D
 Acq: 25 Oct 2024 12:58

Tgt Ion:276 Resp: 2034294
 Ion Ratio Lower Upper
 276 100
 277 23.8 18.5 27.7
 138 21.7 17.5 26.3

