

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102524\
 Data File : BM048237.D
 Acq On : 25 Oct 2024 15:42
 Operator : RC/JU
 Sample : PB164369BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB164369BS

Quant Time: Oct 25 16:15:48 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	198559	20.000	ng	0.00
21) Naphthalene-d8	10.510	136	731104	20.000	ng	0.00
39) Acenaphthene-d10	14.363	164	398895	20.000	ng	0.00
64) Phenanthrene-d10	17.104	188	712540	20.000	ng	0.00
76) Chrysene-d12	21.333	240	616038	20.000	ng	0.00
86) Perylene-d12	24.280	264	708876	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.305	112	1703567	144.219	ng	0.00
7) Phenol-d6	6.899	99	2007808	130.517	ng	0.00
23) Nitrobenzene-d5	8.875	82	1249240	96.478	ng	0.00
42) 2,4,6-Tribromophenol	15.851	330	648289	132.778	ng	0.00
45) 2-Fluorobiphenyl	12.981	172	2572793	98.972	ng	0.00
79) Terphenyl-d14	19.727	244	3098083	102.629	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.205	88	209292	43.285	ng	99
3) Pyridine	3.605	79	543769	42.335	ng	99
4) n-Nitrosodimethylamine	3.511	42	273166	50.089	ng	99
6) Aniline	7.046	93	598377	46.860	ng	99
8) 2-Chlorophenol	7.287	128	621166	48.403	ng	99
9) Benzaldehyde	6.863	77	103315	13.670	ng	99
10) Phenol	6.928	94	739044	47.750	ng	100
11) bis(2-Chloroethyl)ether	7.146	93	594723	48.242	ng	99
12) 1,3-Dichlorobenzene	7.604	146	692926	46.834	ng	100
13) 1,4-Dichlorobenzene	7.752	146	703218	46.784	ng	98
14) 1,2-Dichlorobenzene	8.069	146	675931	46.530	ng	99
15) Benzyl Alcohol	7.963	79	489064	49.832	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.240	45	887225	49.204	ng	98
17) 2-Methylphenol	8.169	107	478037	46.481	ng	99
18) Hexachloroethane	8.793	117	258158	46.860	ng	98
19) n-Nitroso-di-n-propyla...	8.528	70	427366	43.912	ng	99
20) 3+4-Methylphenols	8.498	107	640983	44.991	ng	100
22) Acetophenone	8.540	105	865677	48.516	ng	99
24) Nitrobenzene	8.916	77	639420	47.661	ng	99
25) Isophorone	9.445	82	1114649	46.963	ng	100
26) 2-Nitrophenol	9.628	139	305570	49.329	ng	96
27) 2,4-Dimethylphenol	9.693	122	448080	59.622	ng	99
28) bis(2-Chloroethoxy)met...	9.922	93	720808	47.993	ng	99
29) 2,4-Dichlorophenol	10.163	162	529197	48.948	ng	98
30) 1,2,4-Trichlorobenzene	10.375	180	576417	46.553	ng	99
31) Naphthalene	10.557	128	1791362	46.979	ng	99
32) Benzoic acid	9.851	122	340001	40.643	ng	98
33) 4-Chloroaniline	10.675	127	244821	19.796	ng	99
34) Hexachlorobutadiene	10.845	225	365600	47.641	ng	98
35) Caprolactam	11.469	113	138443	39.421	ng	96
36) 4-Chloro-3-methylphenol	11.810	107	498365	44.158	ng	98
37) 2-Methylnaphthalene	12.175	142	1173125	46.047	ng	99
38) 1-Methylnaphthalene	12.392	142	1084221	42.917	ng	98
40) 1,2,4,5-Tetrachloroben...	12.551	216	592472	51.965	ng	# 98
41) Hexachlorocyclopentadiene	12.528	237	817728	211.949	ng	98
43) 2,4,6-Trichlorophenol	12.792	196	388315	51.322	ng	98

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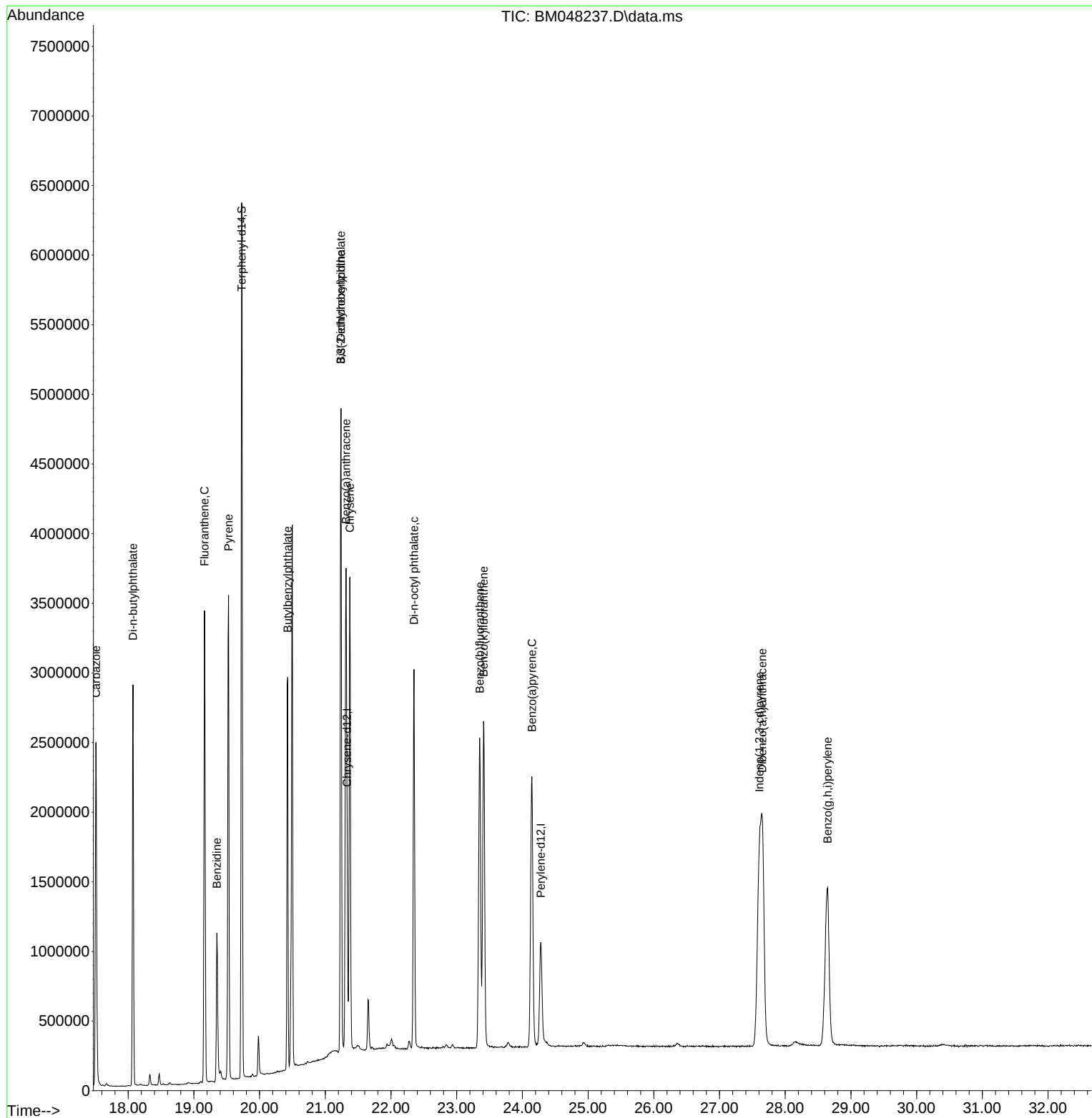
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.869	196	413494	49.007	ng	99
46) 1,1'-Biphenyl	13.192	154	1438193	50.499	ng	100
47) 2-Chloronaphthalene	13.233	162	1111001	49.475	ng	99
48) 2-Nitroaniline	13.445	65	303080	49.763	ng	97
49) Acenaphthylene	14.081	152	1713262	52.295	ng	99
50) Dimethylphthalate	13.822	163	1284546	47.172	ng	99
51) 2,6-Dinitrotoluene	13.945	165	275953	45.417	ng	98
52) Acenaphthene	14.428	154	1032626	49.606	ng	99
53) 3-Nitroaniline	14.275	138	171183	29.874	ng	99
54) 2,4-Dinitrophenol	14.486	184	331785	93.445	ng	97
55) Dibenzofuran	14.763	168	1607974	48.620	ng	99
56) 4-Nitrophenol	14.598	139	484899	94.818	ng	98
57) 2,4-Dinitrotoluene	14.733	165	366700	45.702	ng	99
58) Fluorene	15.410	166	1229017	46.996	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.992	232	337906	48.317	ng	99
60) Diethylphthalate	15.186	149	1248532	45.284	ng	100
61) 4-Chlorophenyl-phenyle...	15.404	204	615954	47.106	ng	98
62) 4-Nitroaniline	15.439	138	266271	44.901	ng	98
63) Azobenzene	15.698	77	1217591	49.273	ng	100
65) 4,6-Dinitro-2-methylph...	15.498	198	207072	50.087	ng	99
66) n-Nitrosodiphenylamine	15.622	169	1038366	53.085	ng	99
67) 4-Bromophenyl-phenylether	16.298	248	370969	51.351	ng	99
68) Hexachlorobenzene	16.416	284	430167	49.577	ng	100
69) Atrazine	16.574	200	348529	63.680	ng	98
70) Pentachlorophenol	16.763	266	557690	97.899	ng	99
71) Phenanthrene	17.145	178	1792677	50.808	ng	100
72) Anthracene	17.239	178	1835874	53.751	ng	100
73) Carbazole	17.510	167	1638769	48.943	ng	100
74) Di-n-butylphthalate	18.074	149	2010401	48.238	ng	100
75) Fluoranthene	19.163	202	1950971	46.354	ng	100
77) Benzidine	19.351	184	693232	97.505	ng	99
78) Pyrene	19.527	202	2076321	50.355	ng	99
80) Butylbenzylphthalate	20.427	149	854251	49.543	ng	99
81) Benzo(a)anthracene	21.315	228	1980643	50.313	ng	100
82) 3,3'-Dichlorobenzidine	21.239	252	503215	37.319	ng	100
83) Chrysene	21.374	228	1889892	50.015	ng	100
84) Bis(2-ethylhexyl)phtha...	21.239	149	1263594	50.421	ng	99
85) Di-n-octyl phthalate	22.351	149	2149398	49.521	ng	100
87) Indeno(1,2,3-cd)pyrene	27.609	276	2611543	55.712	ng	100
88) Benzo(b)fluoranthene	23.350	252	2008564	49.418	ng	100
89) Benzo(k)fluoranthene	23.409	252	2035238	51.792	ng	99
90) Benzo(a)pyrene	24.145	252	1941733	54.952	ng	99
91) Dibenzo(a,h)anthracene	27.650	278	2162109	55.388	ng	100
92) Benzo(g,h,i)perylene	28.644	276	2018651	50.501	ng	98

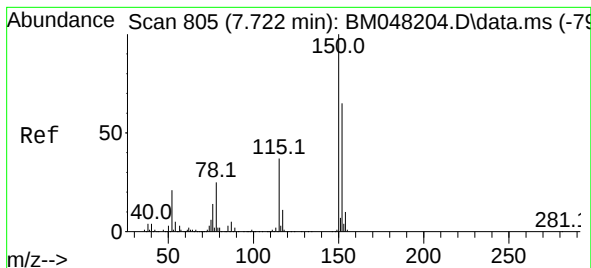
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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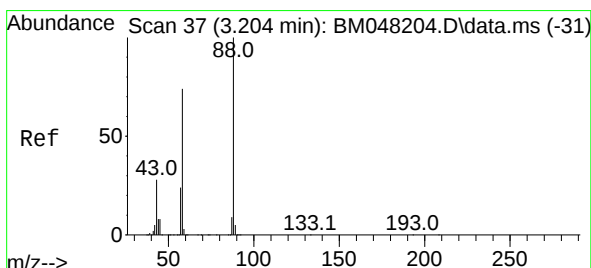
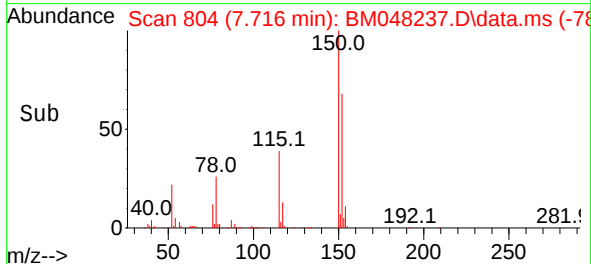
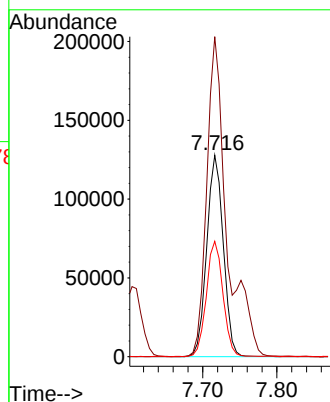
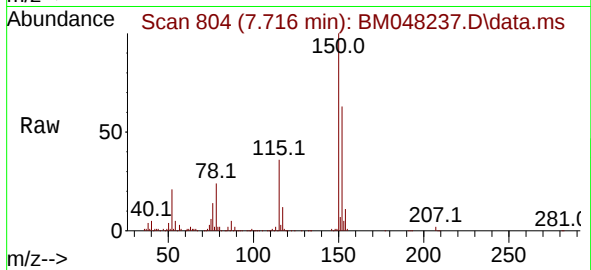




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.716 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM048237.D
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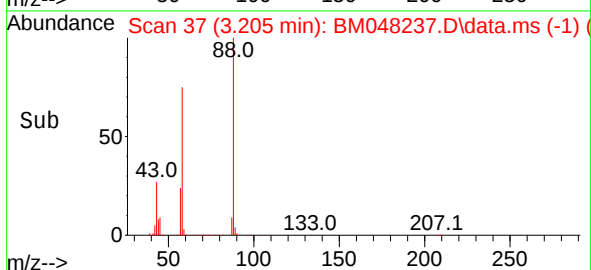
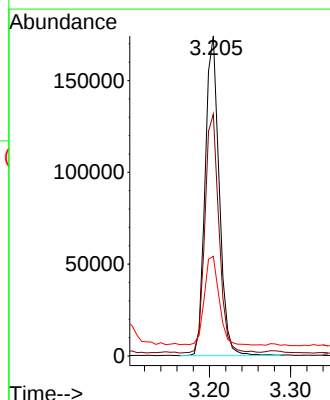
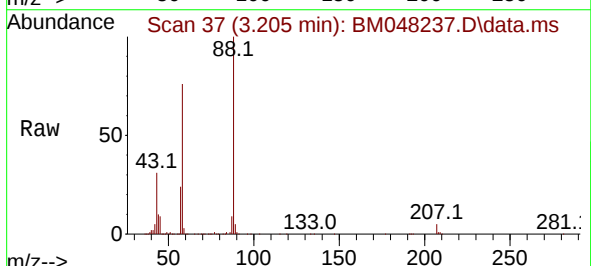
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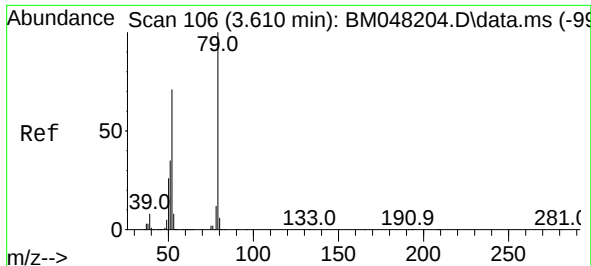
Tgt Ion:152 Resp: 198559
Ion Ratio Lower Upper
152 100
150 158.8 123.0 184.6
115 57.2 45.8 68.6



#2
1,4-Dioxane
Concen: 43.285 ng
RT: 3.205 min Scan# 37
Delta R.T. 0.000 min
Lab File: BM048237.D
Acq: 25 Oct 2024 15:42

Tgt Ion: 88 Resp: 209292
Ion Ratio Lower Upper
88 100
58 75.1 59.7 89.5
43 28.7 22.6 33.8

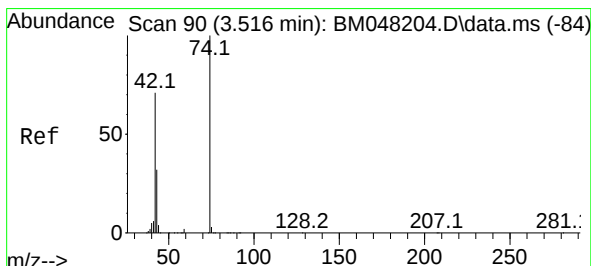
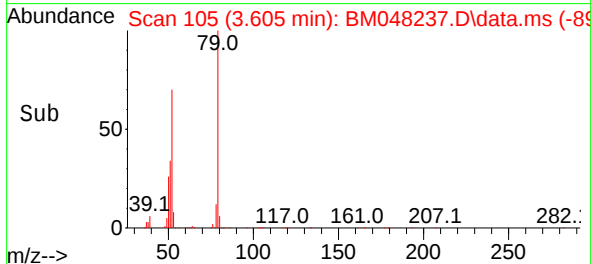
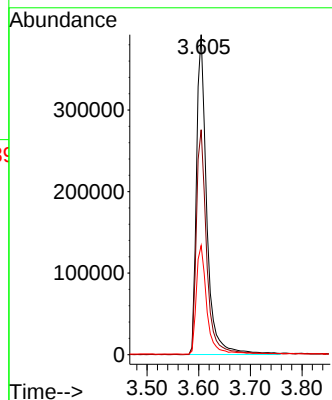
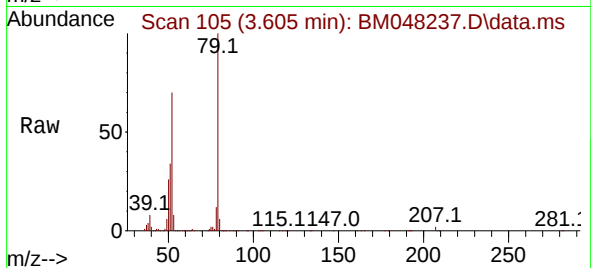




#3
Pyridine
Concen: 42.335 ng
RT: 3.605 min Scan# 106
Delta R.T. -0.006 min
Lab File: BM048237.D
Acq: 25 Oct 2024 15:42

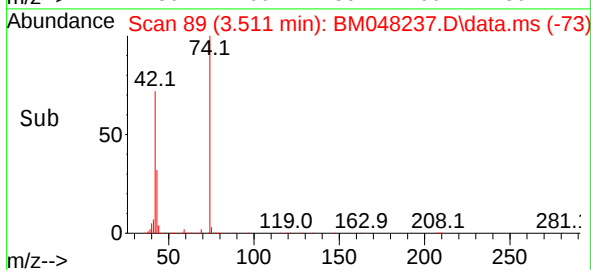
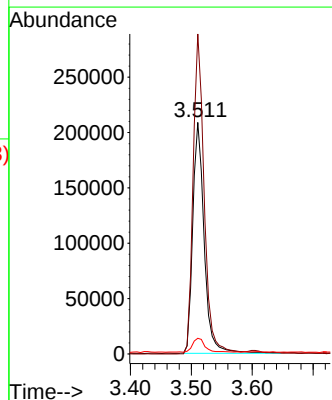
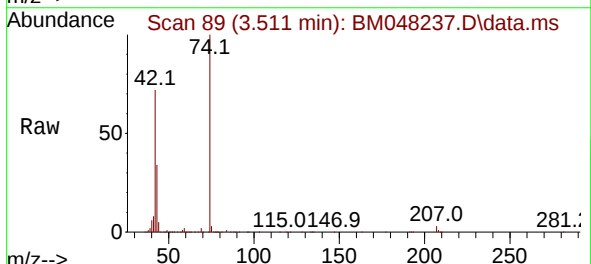
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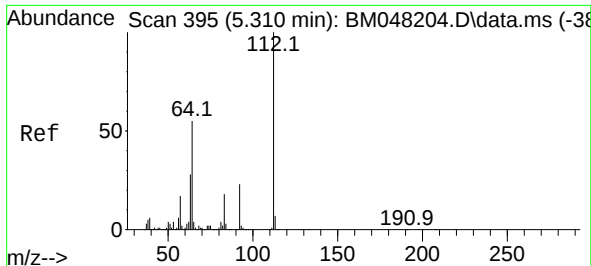
Tgt Ion: 79 Resp: 543769
Ion Ratio Lower Upper
79 100
52 70.3 56.5 84.7
51 34.1 28.5 42.7



#4
n-Nitrosodimethylamine
Concen: 50.089 ng
RT: 3.511 min Scan# 89
Delta R.T. -0.006 min
Lab File: BM048237.D
Acq: 25 Oct 2024 15:42

Tgt Ion: 42 Resp: 273166
Ion Ratio Lower Upper
42 100
74 138.2 111.8 167.6
44 6.8 6.0 9.0

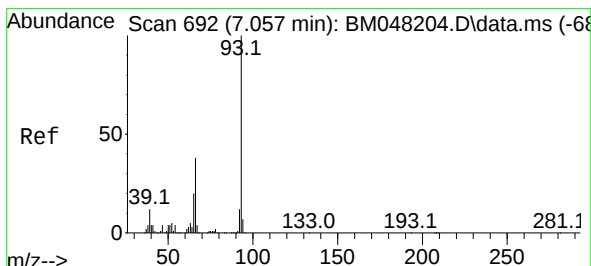
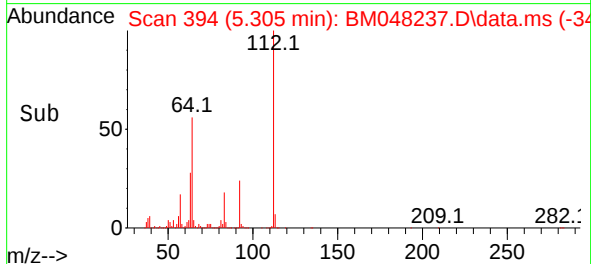
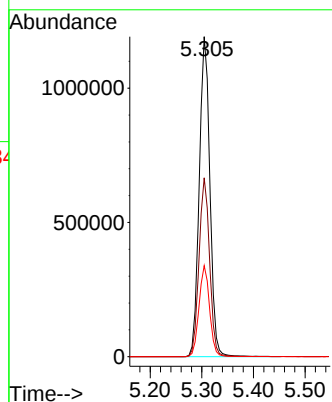
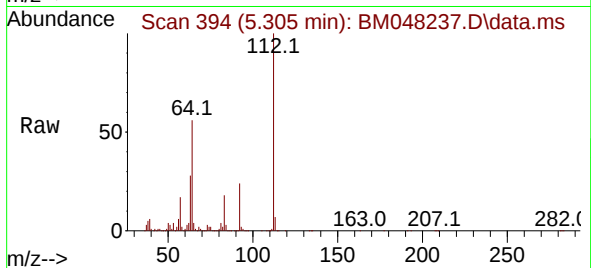




#5
2-Fluorophenol
Concen: 144.219 ng
RT: 5.305 min Scan# 395
Delta R.T. -0.006 min
Lab File: BM048237.D
Acq: 25 Oct 2024 15:42

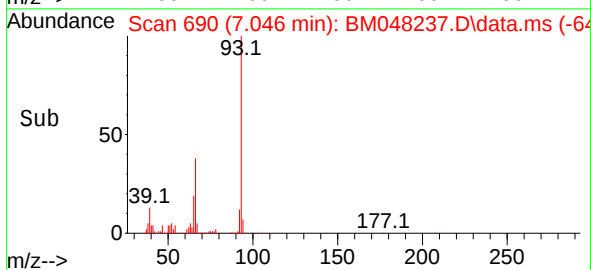
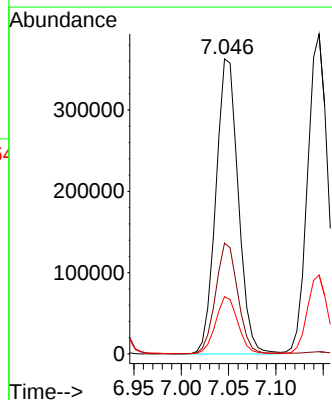
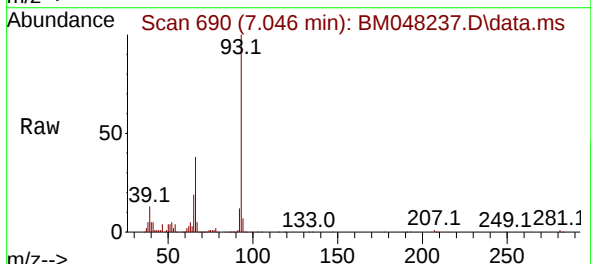
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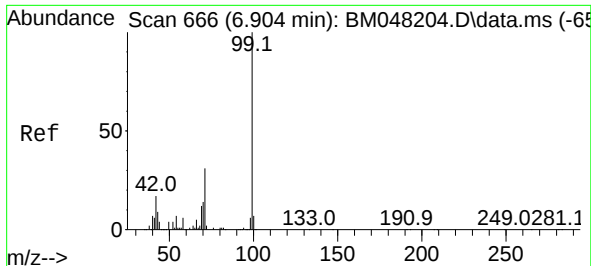
Tgt Ion:112 Resp: 1703567
Ion Ratio Lower Upper
112 100
64 55.9 44.2 66.2
63 28.4 22.7 34.1



#6
Aniline
Concen: 46.860 ng
RT: 7.046 min Scan# 690
Delta R.T. -0.011 min
Lab File: BM048237.D
Acq: 25 Oct 2024 15:42

Tgt Ion: 93 Resp: 598377
Ion Ratio Lower Upper
93 100
66 37.6 30.2 45.2
65 19.4 16.2 24.2

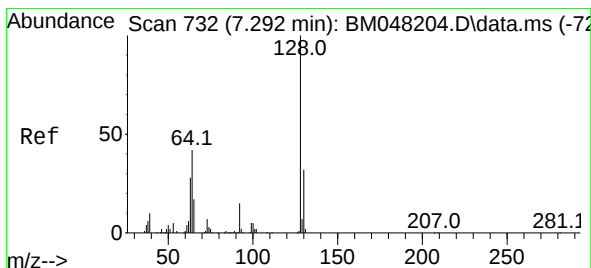
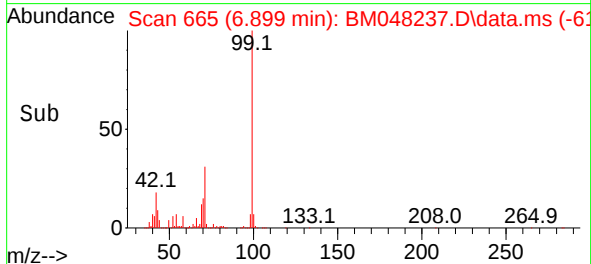
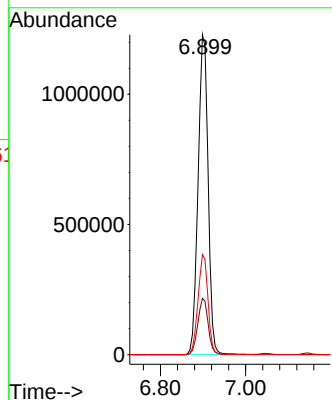
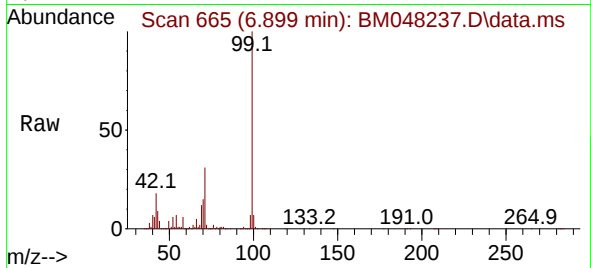




#7
Phenol-d6
Concen: 130.517 ng
RT: 6.899 min Scan# 665
Delta R.T. -0.006 min
Lab File: BM048237.D
Acq: 25 Oct 2024 15:42

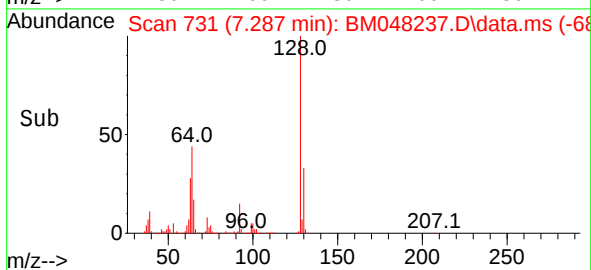
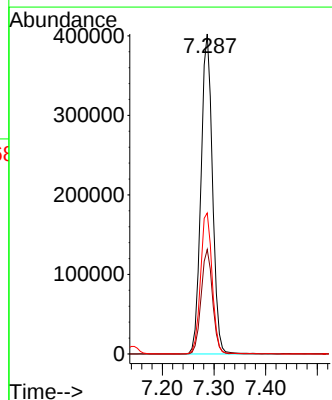
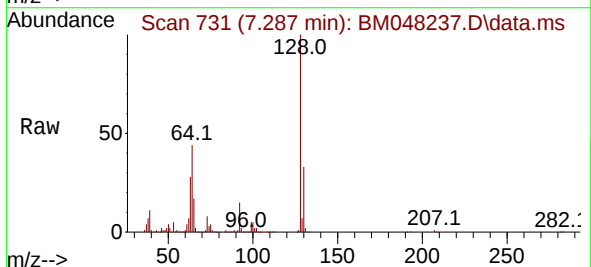
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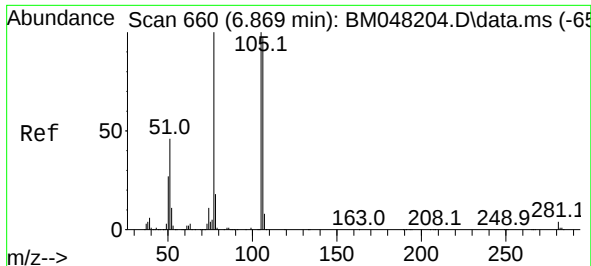
Tgt Ion: 99 Resp: 2007808
Ion Ratio Lower Upper
99 100
42 17.6 13.8 20.8
71 31.3 24.9 37.3



#8
2-Chlorophenol
Concen: 48.403 ng
RT: 7.287 min Scan# 731
Delta R.T. -0.006 min
Lab File: BM048237.D
Acq: 25 Oct 2024 15:42

Tgt Ion: 128 Resp: 621166
Ion Ratio Lower Upper
128 100
130 32.6 12.1 52.1
64 44.1 23.8 63.8

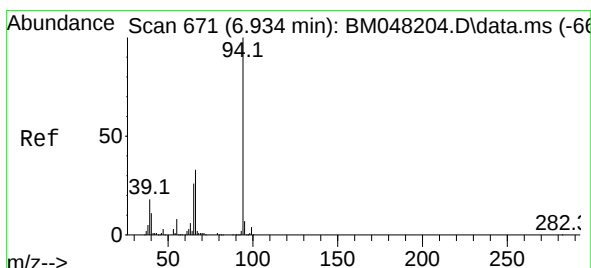
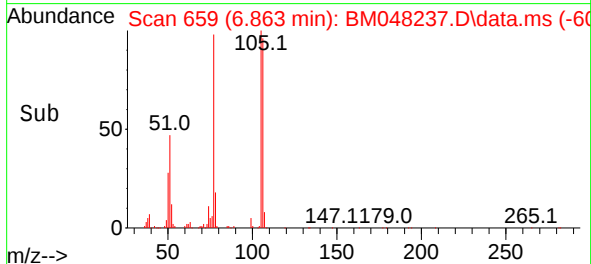
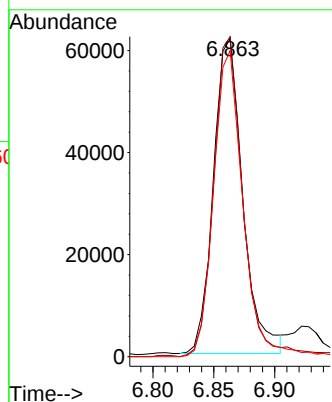
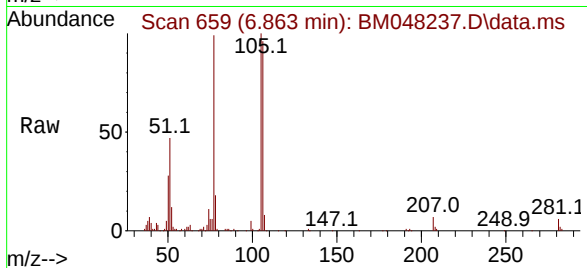




#9
Benzaldehyde
Concen: 13.670 ng
RT: 6.863 min Scan# 61
Delta R.T. -0.006 min
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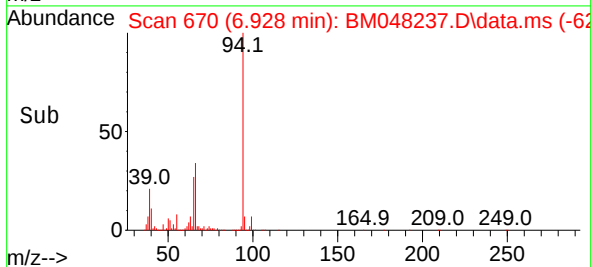
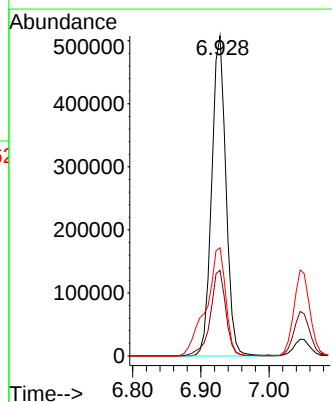
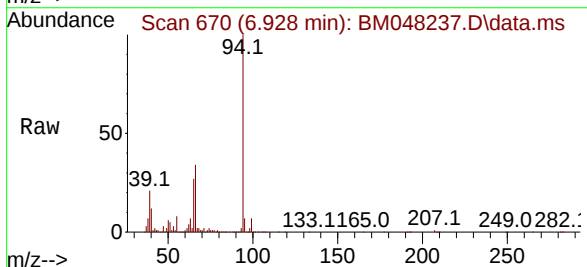
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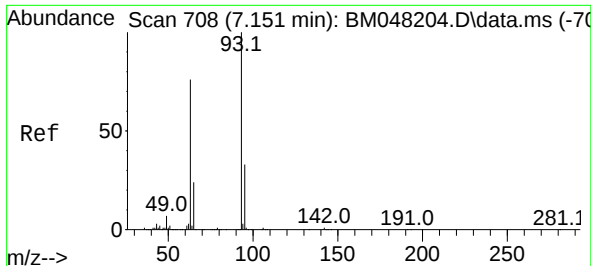
Tgt Ion: 77 Resp: 103315
Ion Ratio Lower Upper
77 100
105 100.6 79.6 119.6
106 96.3 77.0 117.0



#10
Phenol
Concen: 47.750 ng
RT: 6.928 min Scan# 670
Delta R.T. -0.006 min
Lab File: BM048237.D
Acq: 25 Oct 2024 15:42

Tgt Ion: 94 Resp: 739044
Ion Ratio Lower Upper
94 100
65 26.7 6.5 46.5
66 33.8 13.6 53.6





#11

bis(2-Chloroethyl)ether

Concen: 48.242 ng

RT: 7.146 min Scan# 708

Delta R.T. -0.006 min

Lab File: BM048237.D

Acq: 25 Oct 2024 15:42

Instrument :

BNA_M

ClientSampleId :

PB164369BS

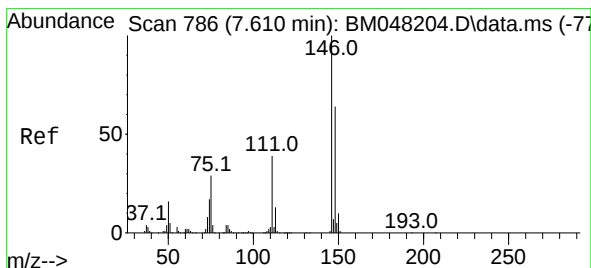
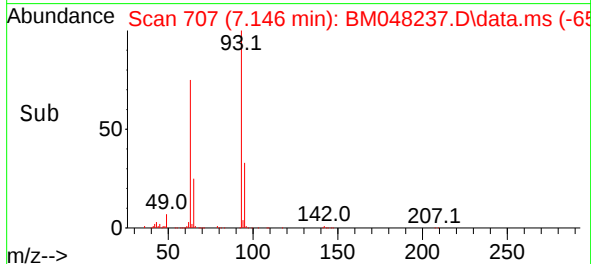
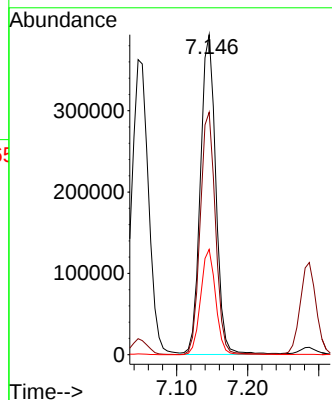
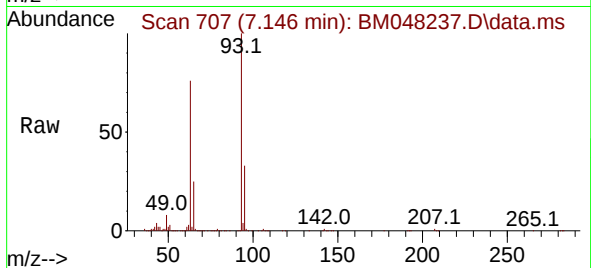
Tgt Ion: 93 Resp: 594723

Ion Ratio Lower Upper

93 100

63 75.7 55.3 95.3

95 32.9 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 46.834 ng

RT: 7.604 min Scan# 785

Delta R.T. -0.006 min

Lab File: BM048237.D

Acq: 25 Oct 2024 15:42

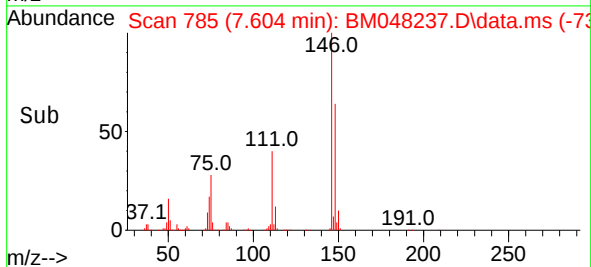
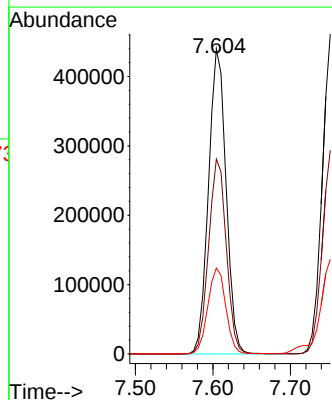
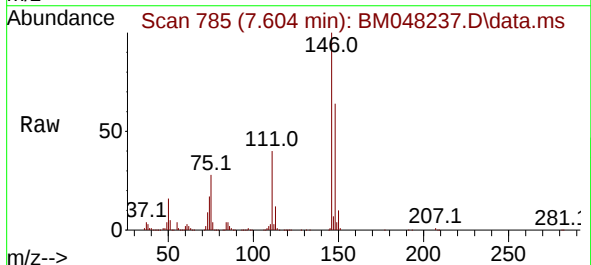
Tgt Ion:146 Resp: 692926

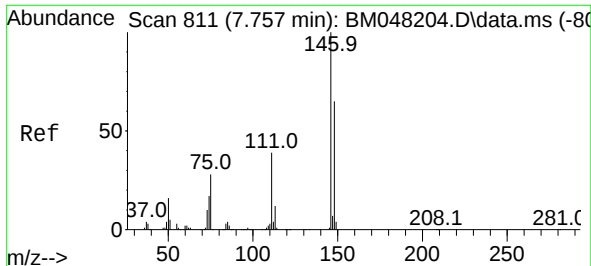
Ion Ratio Lower Upper

146 100

148 63.9 51.0 76.6

75 28.1 22.9 34.3

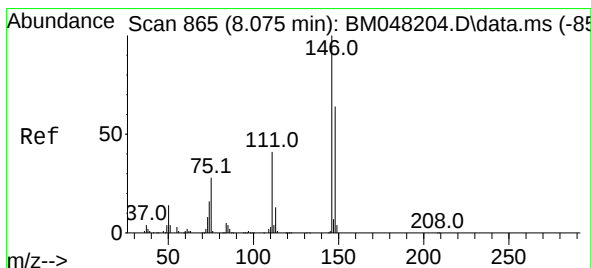
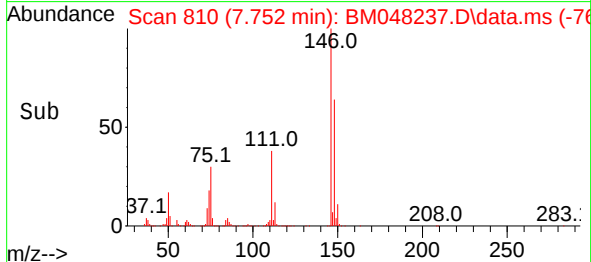
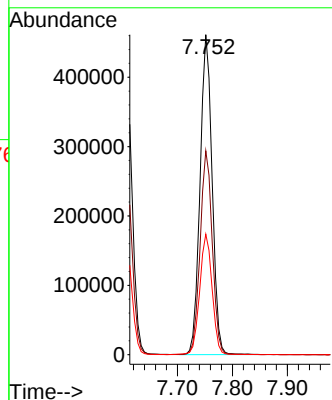
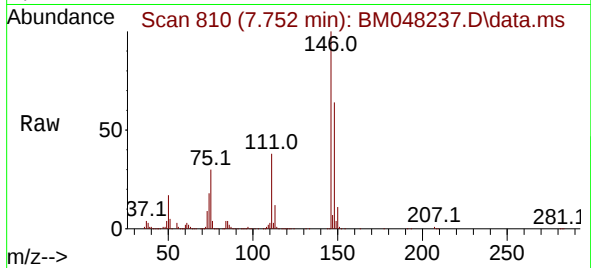




#13
1,4-Dichlorobenzene
Concen: 46.784 ng
RT: 7.752 min Scan# 811
Delta R.T. -0.006 min
Lab File: BM048237.D
Acq: 25 Oct 2024 15:42

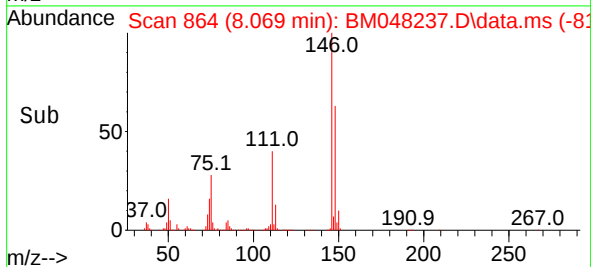
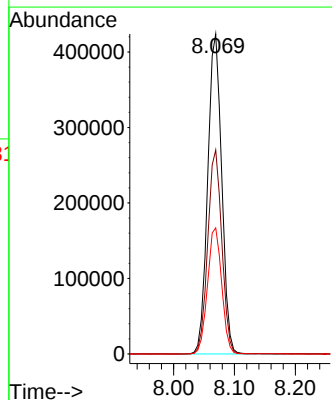
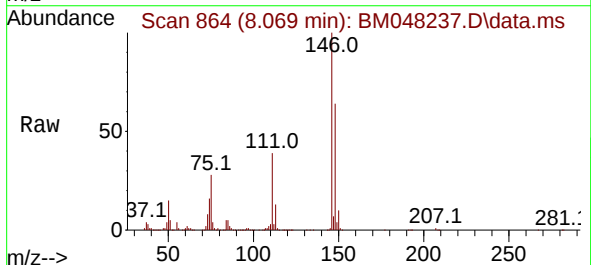
Instrument :
BNA_M
ClientSampleId :
PB164369BS

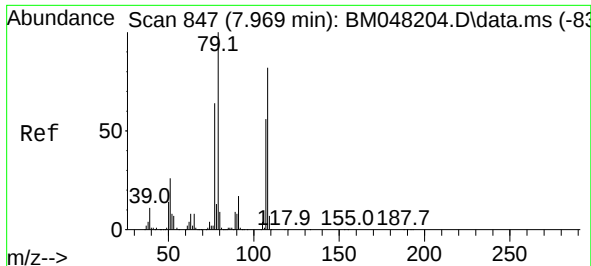
Tgt Ion:146 Resp: 703218
Ion Ratio Lower Upper
146 100
148 63.7 51.7 77.5
111 37.7 31.4 47.2



#14
1,2-Dichlorobenzene
Concen: 46.530 ng
RT: 8.069 min Scan# 864
Delta R.T. -0.006 min
Lab File: BM048237.D
Acq: 25 Oct 2024 15:42

Tgt Ion:146 Resp: 675931
Ion Ratio Lower Upper
146 100
148 63.7 51.3 76.9
111 39.4 32.7 49.1

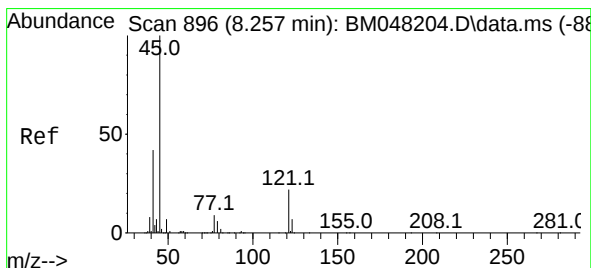
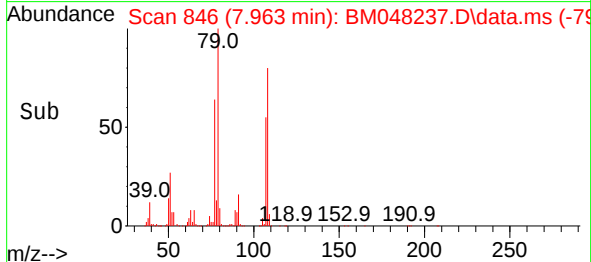
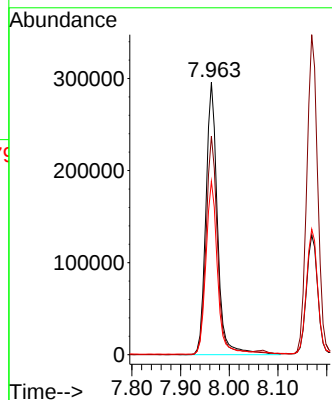
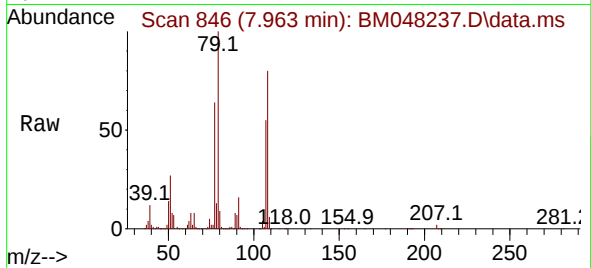




#15
Benzyl Alcohol
Concen: 49.832 ng
RT: 7.963 min Scan# 847
Delta R.T. -0.006 min
Lab File: BM048237.D
Acq: 25 Oct 2024 15:42

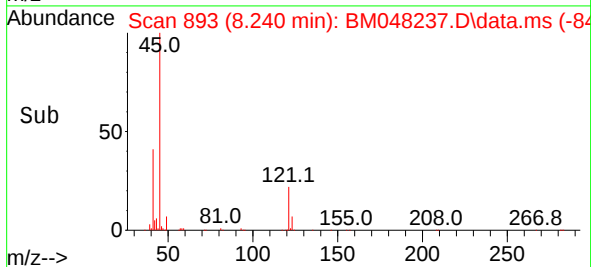
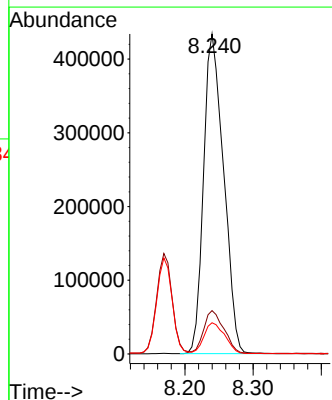
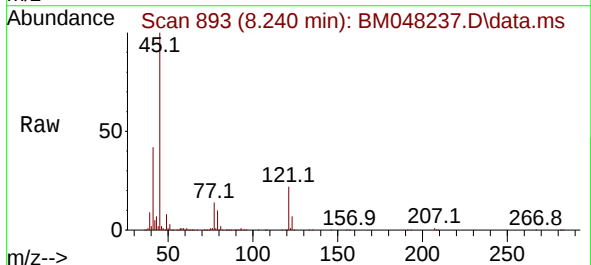
Instrument :
BNA_M
ClientSampleId :
PB164369BS

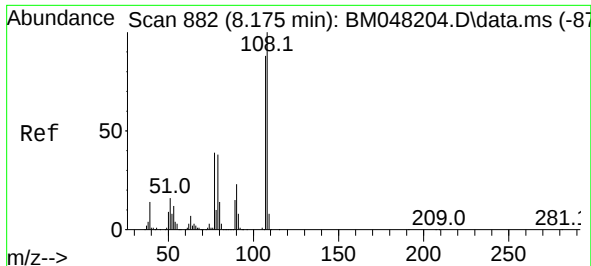
Tgt Ion: 79 Resp: 489064
Ion Ratio Lower Upper
79 100
108 80.3 65.2 97.8
77 63.7 51.4 77.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.204 ng
RT: 8.240 min Scan# 893
Delta R.T. -0.017 min
Lab File: BM048237.D
Acq: 25 Oct 2024 15:42

Tgt Ion: 45 Resp: 887225
Ion Ratio Lower Upper
45 100
77 13.5 0.0 34.2
79 9.8 0.0 30.7

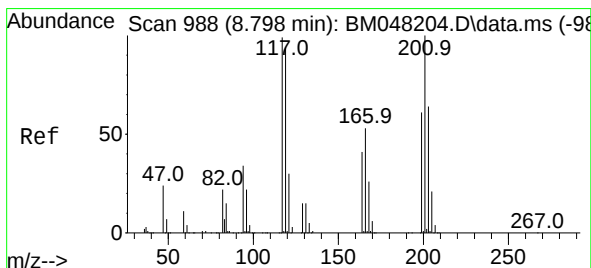
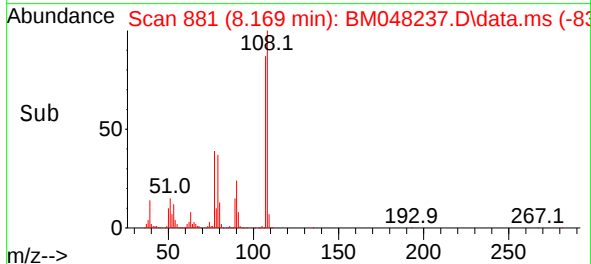
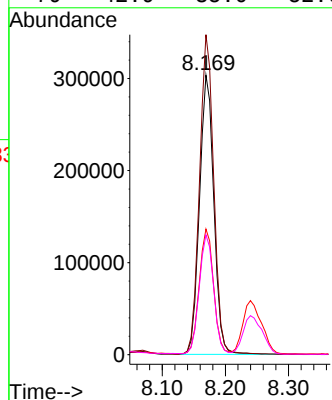
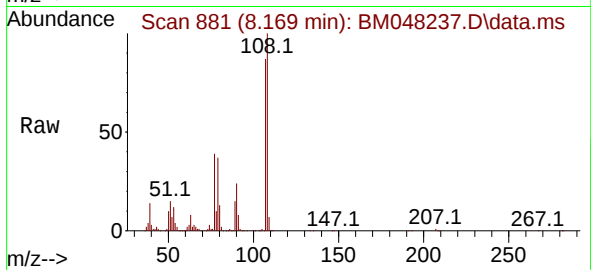




#17
2-Methylphenol
Concen: 46.481 ng
RT: 8.169 min Scan# 881
Delta R.T. -0.006 min
Lab File: BM048237.D
Acq: 25 Oct 2024 15:42

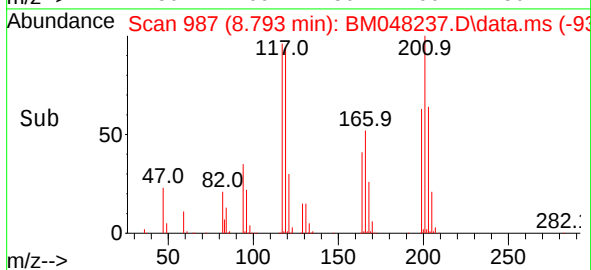
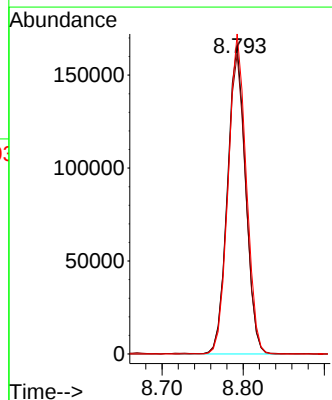
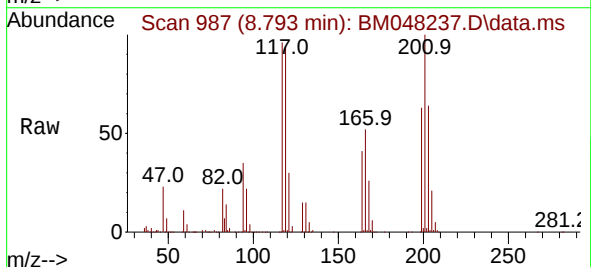
Instrument :
BNA_M
ClientSampleId :
PB164369BS

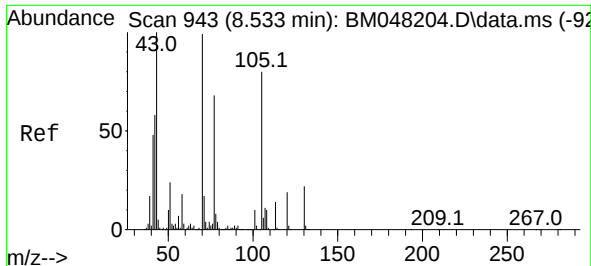
Tgt Ion:	107	Resp:	478037
Ion Ratio	Lower	Upper	
107	100		
108	114.5	91.3	136.9
77	44.9	36.2	54.2
79	42.9	35.0	52.6



#18
Hexachloroethane
Concen: 46.860 ng
RT: 8.793 min Scan# 987
Delta R.T. -0.006 min
Lab File: BM048237.D
Acq: 25 Oct 2024 15:42

Tgt Ion:	117	Resp:	258158
Ion Ratio	Lower	Upper	
117	100		
119	97.1	76.5	114.7
201	103.7	80.9	121.3

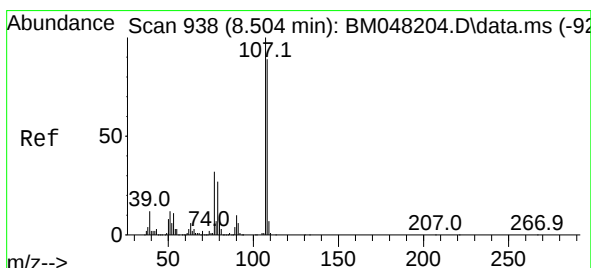
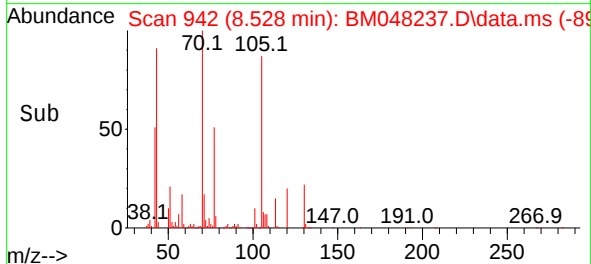
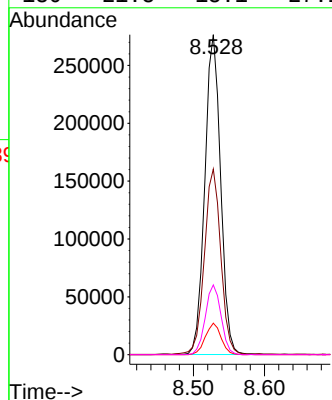
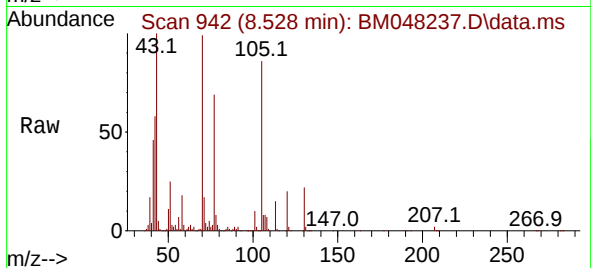




#19
n-Nitroso-di-n-propylamine
Concen: 43.912 ng
RT: 8.528 min Scan# 943
Delta R.T. -0.006 min
Lab File: BM048237.D
Acq: 25 Oct 2024 15:42

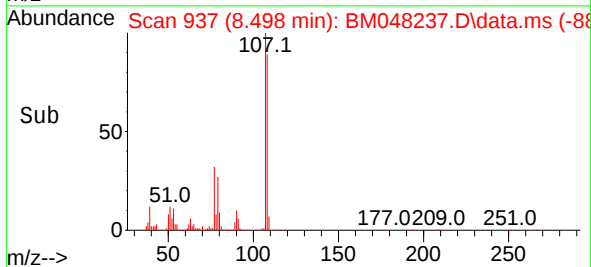
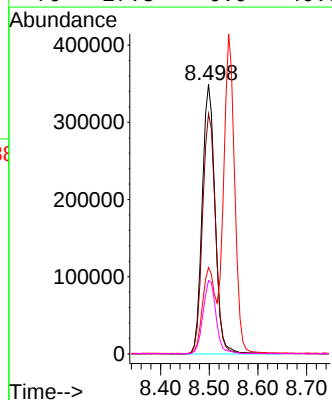
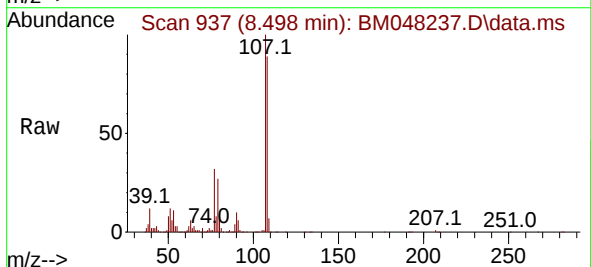
Instrument :
BNA_M
ClientSampleId :
PB164369BS

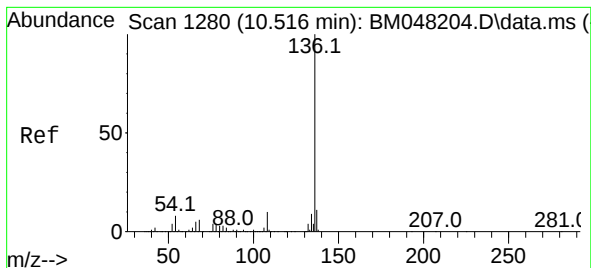
Tgt Ion: 70 Resp: 427366
Ion Ratio Lower Upper
70 100
42 58.0 47.0 70.6
101 9.8 7.8 11.6
130 21.8 18.1 27.1



#20
3+4-Methylphenols
Concen: 44.991 ng
RT: 8.498 min Scan# 937
Delta R.T. -0.006 min
Lab File: BM048237.D
Acq: 25 Oct 2024 15:42

Tgt Ion:107 Resp: 640983
Ion Ratio Lower Upper
107 100
108 89.2 69.0 109.0
77 32.0 12.3 52.3
79 27.3 6.9 46.9



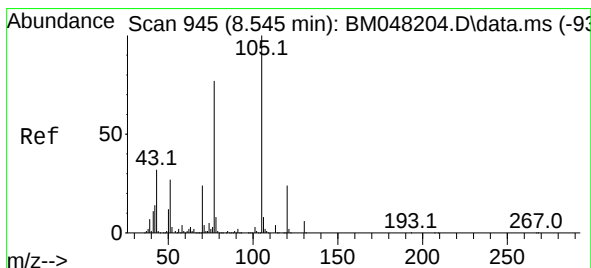
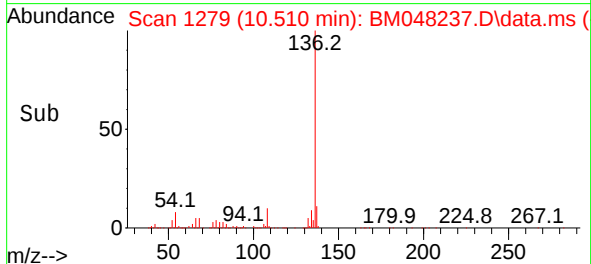
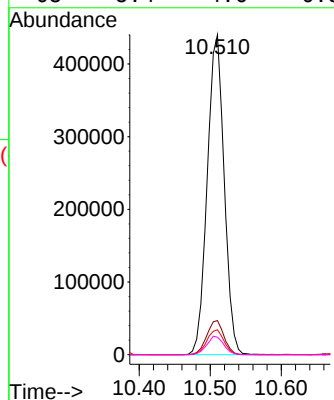
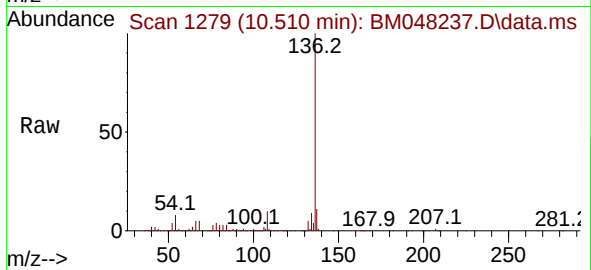


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.510 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BM048237.D
Acq: 25 Oct 2024 15:42

Instrument :
BNA_M
ClientSampleId :
PB164369BS

Tgt Ion:136 Resp: 731104

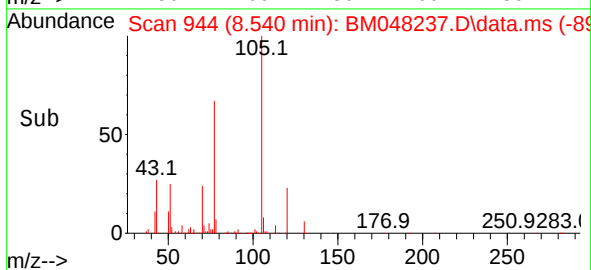
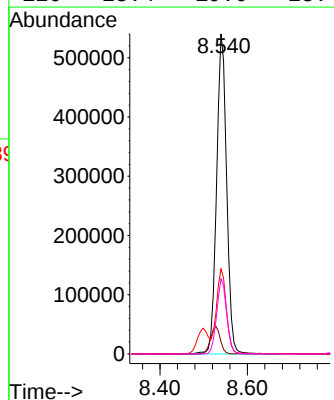
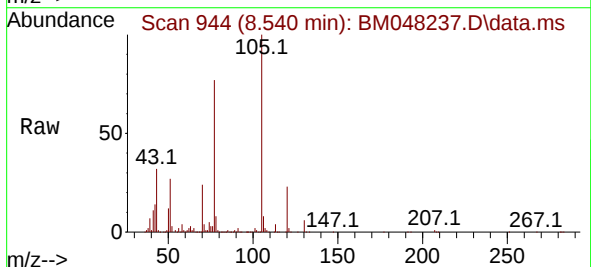
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.8	6.5	9.7
68	5.4	4.6	6.8

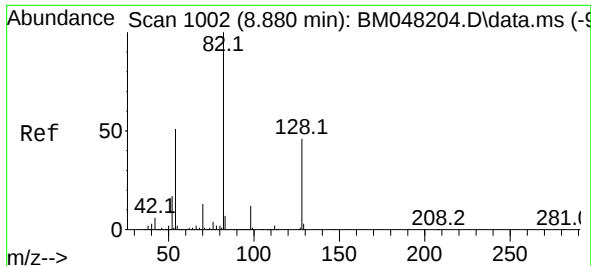


#22
Acetophenone
Concen: 48.516 ng
RT: 8.540 min Scan# 944
Delta R.T. -0.006 min
Lab File: BM048237.D
Acq: 25 Oct 2024 15:42

Tgt Ion:105 Resp: 865677

Ion	Ratio	Lower	Upper
105	100		
71	3.9	3.4	5.0
51	26.6	21.7	32.5
120	23.4	19.0	28.4





#23

Nitrobenzene-d5

Concen: 96.478 ng

RT: 8.875 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BM048237.D

Acq: 25 Oct 2024 15:42

Instrument :

BNA_M

ClientSampleId :

PB164369BS

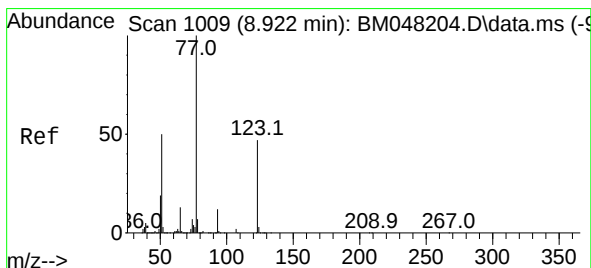
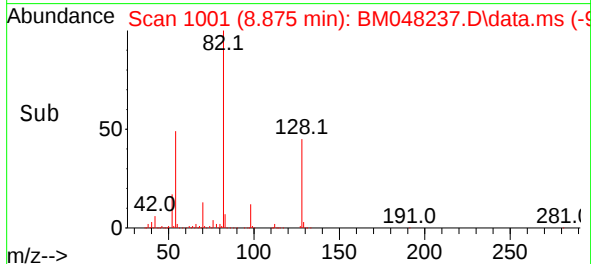
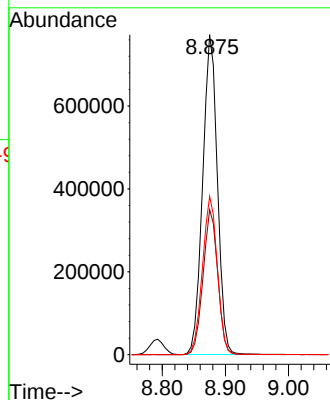
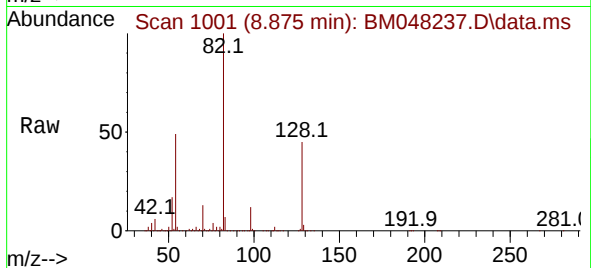
Tgt Ion: 82 Resp: 1249240

Ion Ratio Lower Upper

82 100

128 45.3 36.6 54.8

54 49.5 41.0 61.4



#24

Nitrobenzene

Concen: 47.661 ng

RT: 8.916 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BM048237.D

Acq: 25 Oct 2024 15:42

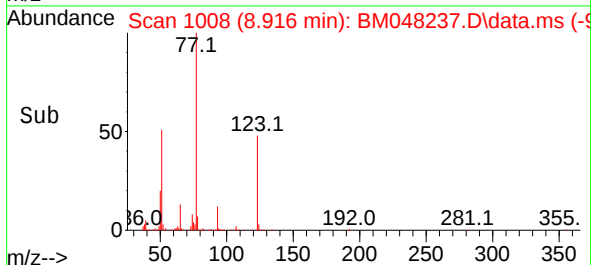
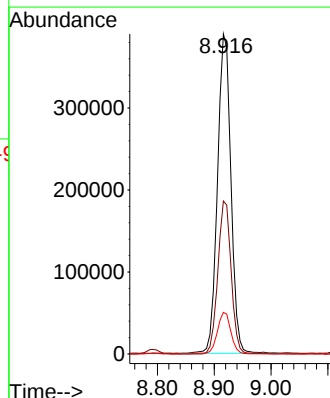
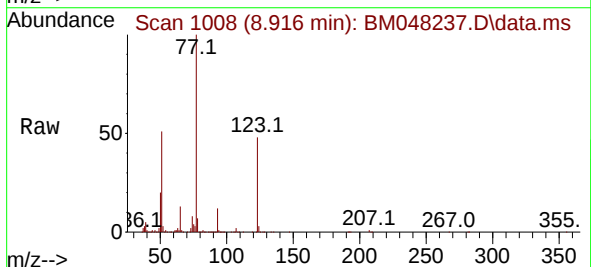
Tgt Ion: 77 Resp: 639420

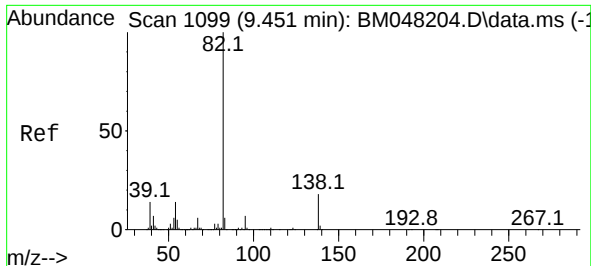
Ion Ratio Lower Upper

77 100

123 47.8 37.8 56.6

65 13.0 10.4 15.6





#25

Isophorone

Concen: 46.963 ng

RT: 9.445 min Scan# 1109

Delta R.T. -0.006 min

Lab File: BM048237.D

Acq: 25 Oct 2024 15:42

Instrument :

BNA_M

ClientSampleId :

PB164369BS

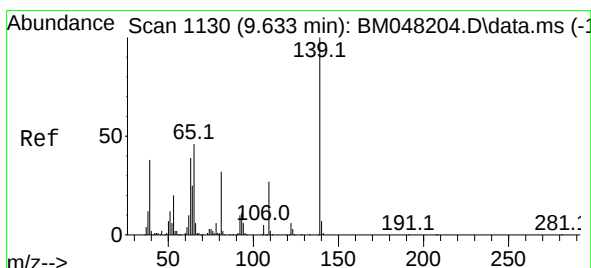
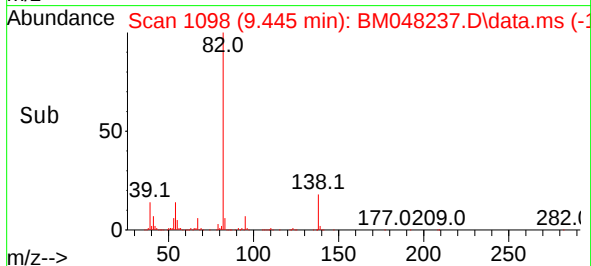
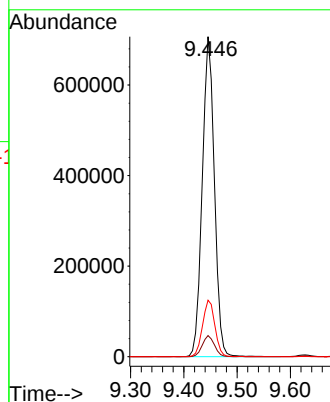
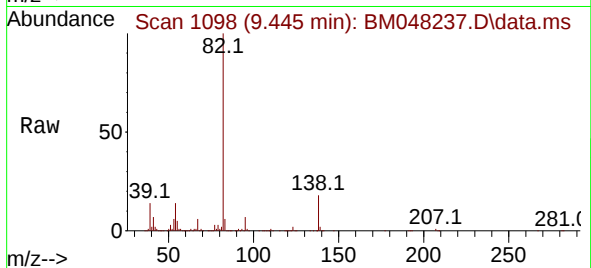
Tgt Ion: 82 Resp: 1114649

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

138 17.6 14.3 21.5



#26

2-Nitrophenol

Concen: 49.329 ng

RT: 9.628 min Scan# 1129

Delta R.T. -0.006 min

Lab File: BM048237.D

Acq: 25 Oct 2024 15:42

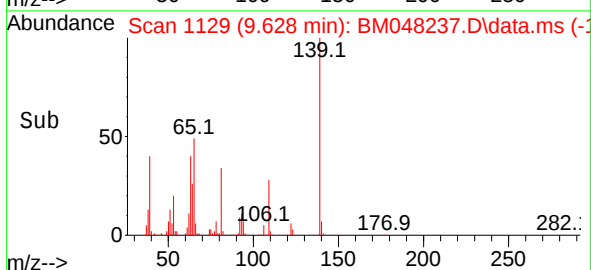
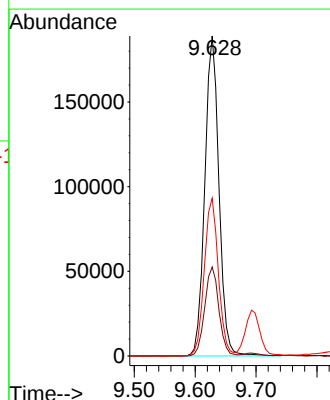
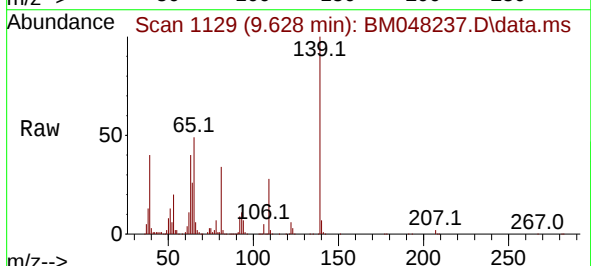
Tgt Ion:139 Resp: 305570

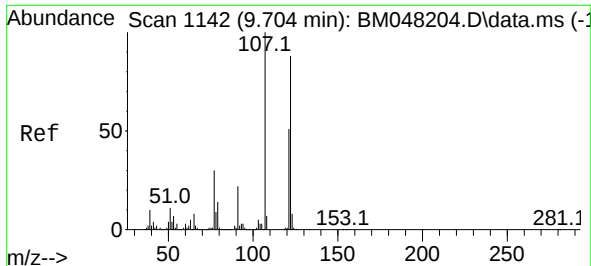
Ion Ratio Lower Upper

139 100

109 27.8 21.2 31.8

65 49.3 36.8 55.2





#27

2,4-Dimethylphenol

Concen: 59.622 ng

RT: 9.693 min Scan# 1140

Delta R.T. -0.011 min

Lab File: BM048237.D

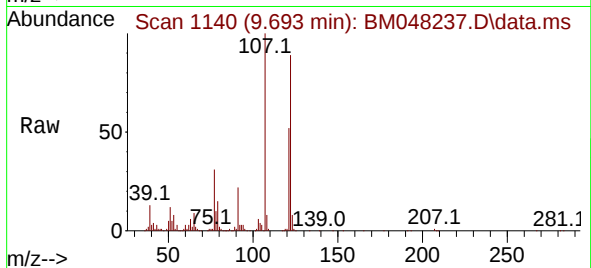
Acq: 25 Oct 2024 15:42

Instrument :

BNA_M

ClientSampleId :

PB164369BS



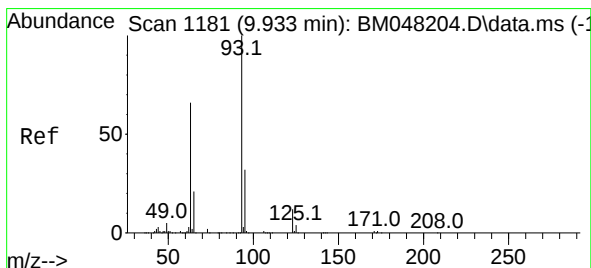
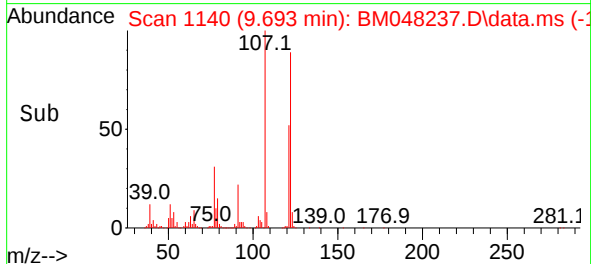
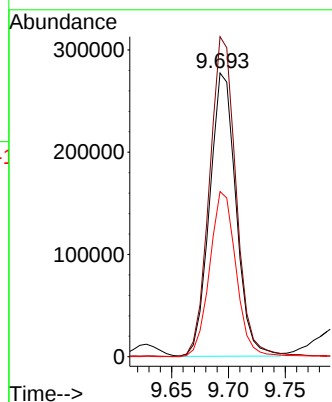
Tgt Ion:122 Resp: 448080

Ion Ratio Lower Upper

122 100

107 112.8 91.0 136.6

121 58.2 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 47.993 ng

RT: 9.922 min Scan# 1179

Delta R.T. -0.011 min

Lab File: BM048237.D

Acq: 25 Oct 2024 15:42

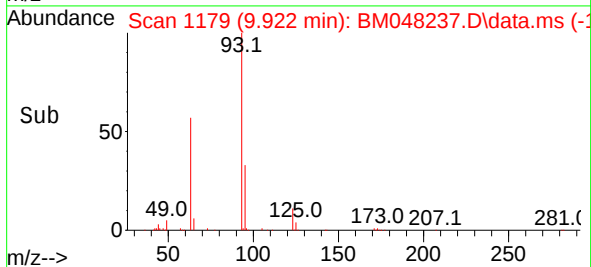
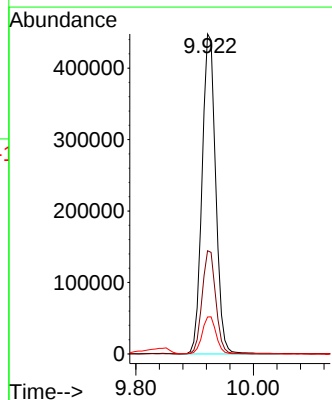
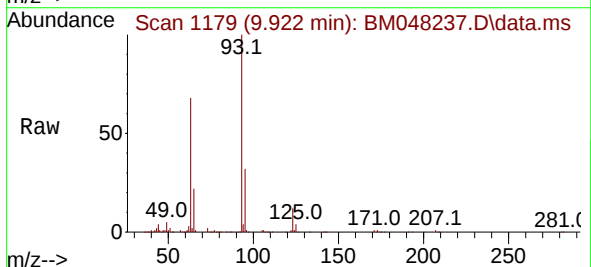
Tgt Ion: 93 Resp: 720808

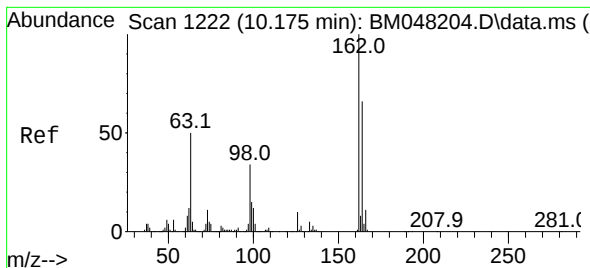
Ion Ratio Lower Upper

93 100

95 32.2 25.3 37.9

123 11.6 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 48.948 ng

RT: 10.163 min Scan# 1220

Delta R.T. -0.011 min

Lab File: BM048237.D

Acq: 25 Oct 2024 15:42

Instrument :

BNA_M

ClientSampleId :

PB164369BS

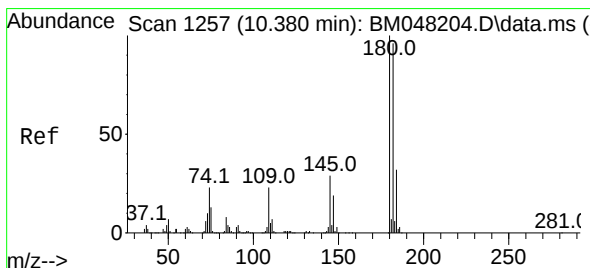
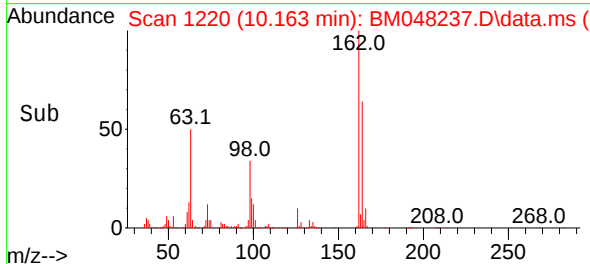
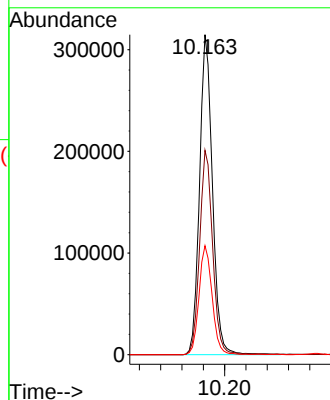
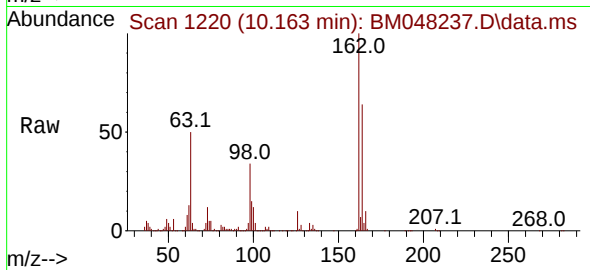
Tgt Ion:162 Resp: 529197

Ion Ratio Lower Upper

162 100

164 63.9 46.0 86.0

98 34.1 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 46.553 ng

RT: 10.375 min Scan# 1256

Delta R.T. -0.006 min

Lab File: BM048237.D

Acq: 25 Oct 2024 15:42

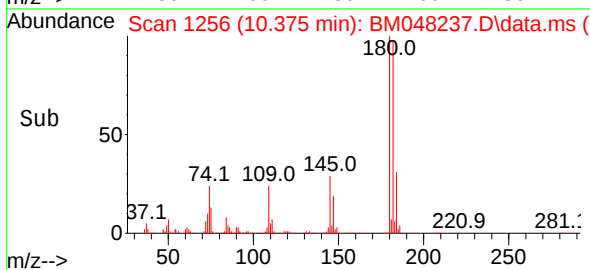
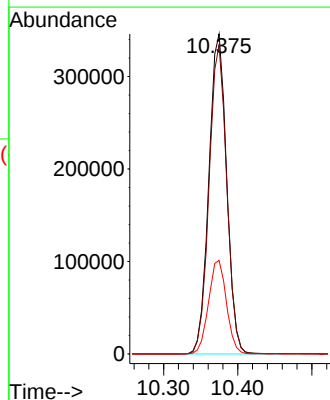
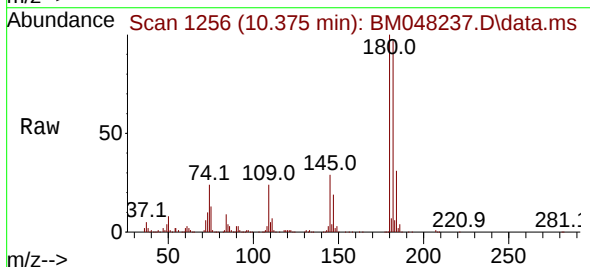
Tgt Ion:180 Resp: 576417

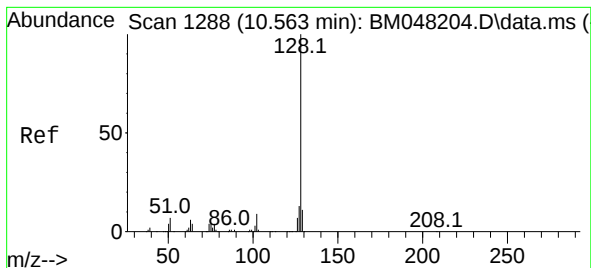
Ion Ratio Lower Upper

180 100

182 96.6 76.6 115.0

145 29.2 23.4 35.2





#31

Naphthalene

Concen: 46.979 ng

RT: 10.557 min Scan# 1128

Delta R.T. -0.006 min

Lab File: BM048237.D

Acq: 25 Oct 2024 15:42

Instrument :

BNA_M

ClientSampleId :

PB164369BS

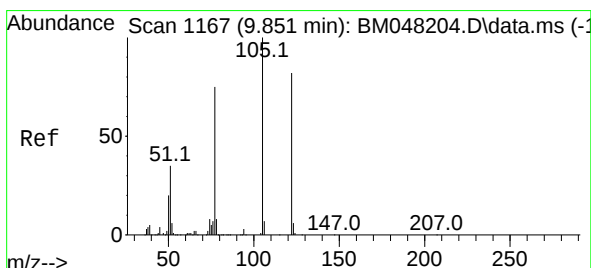
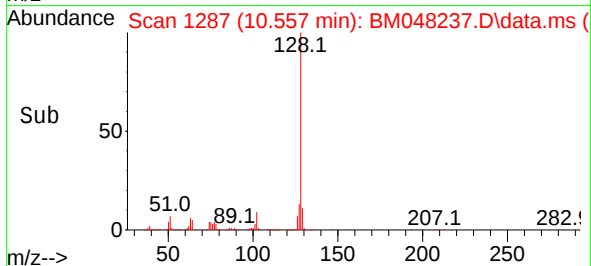
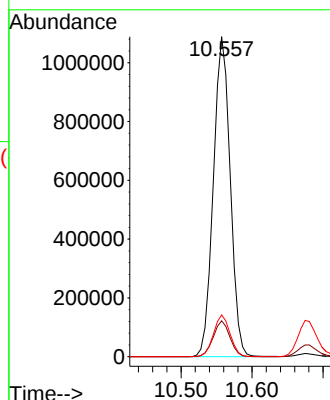
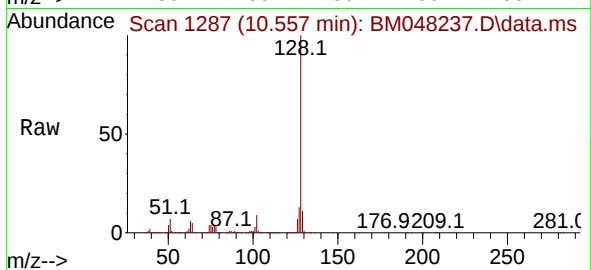
Tgt Ion:128 Resp: 1791362

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

127 13.1 10.2 15.2



#32

Benzoic acid

Concen: 40.643 ng

RT: 9.851 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BM048237.D

Acq: 25 Oct 2024 15:42

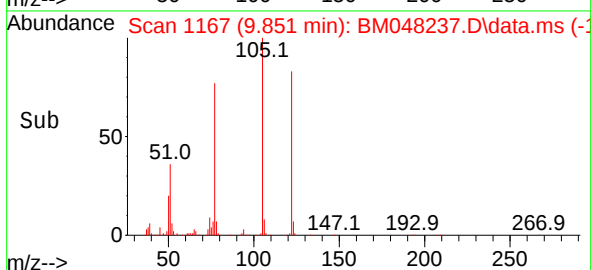
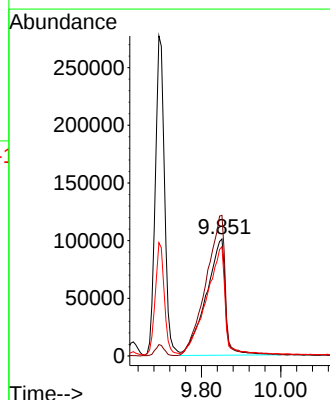
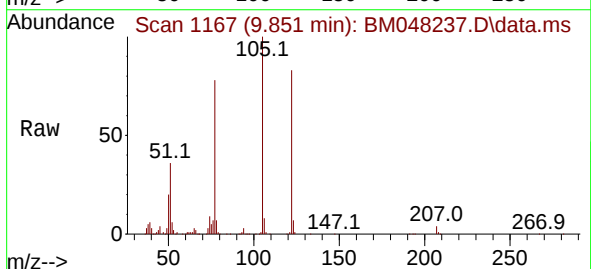
Tgt Ion:122 Resp: 340001

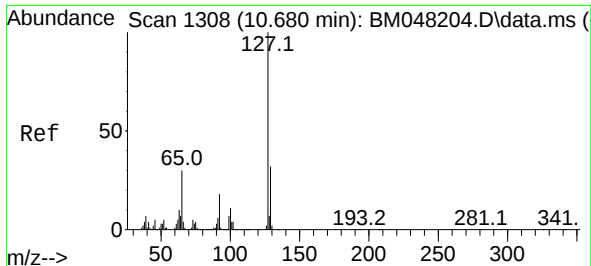
Ion Ratio Lower Upper

122 100

105 120.2 99.3 139.3

77 93.4 70.4 110.4





#33

4-Chloroaniline

Concen: 19.796 ng

RT: 10.675 min Scan# 1307

Delta R.T. -0.006 min

Lab File: BM048237.D

Acq: 25 Oct 2024 15:42

Instrument :

BNA_M

ClientSampleId :

PB164369BS

Tgt Ion:127 Resp: 244821

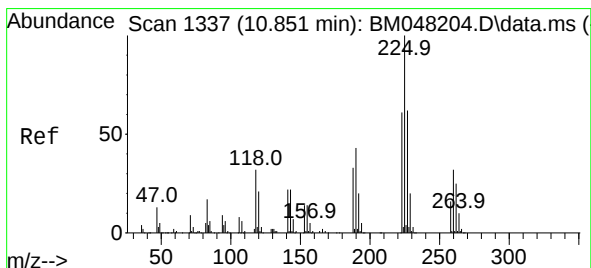
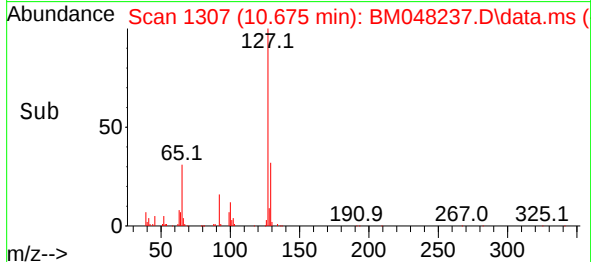
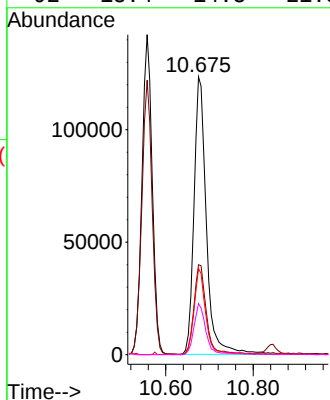
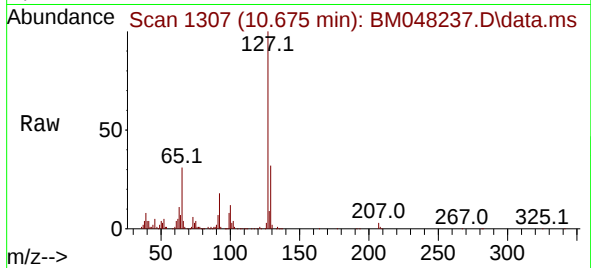
Ion Ratio Lower Upper

127 100

129 32.4 25.8 38.6

65 31.0 23.7 35.5

92 18.4 14.3 21.5



#34

Hexachlorobutadiene

Concen: 47.641 ng

RT: 10.845 min Scan# 1336

Delta R.T. -0.006 min

Lab File: BM048237.D

Acq: 25 Oct 2024 15:42

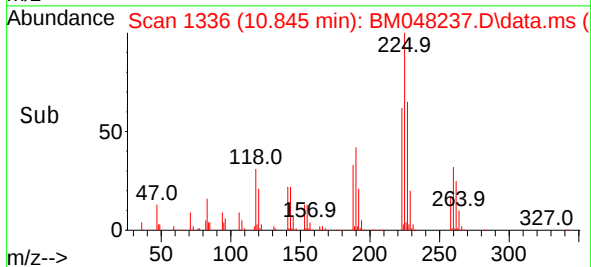
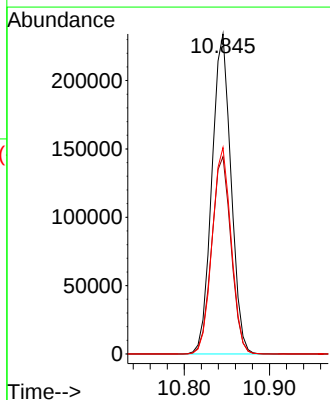
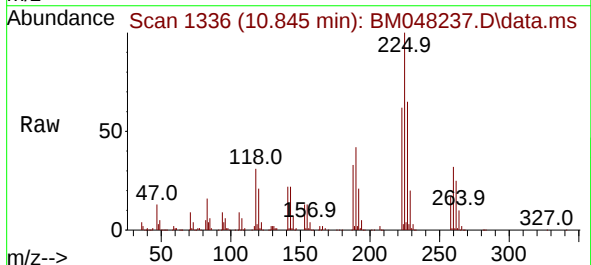
Tgt Ion:225 Resp: 365600

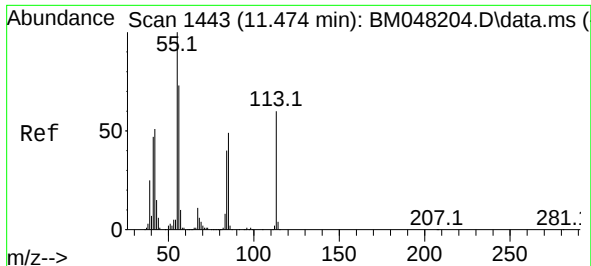
Ion Ratio Lower Upper

225 100

223 61.7 48.6 73.0

227 64.5 49.6 74.4





#35

Caprolactam

Concen: 39.421 ng

RT: 11.469 min Scan# 1443

Delta R.T. -0.006 min

Lab File: BM048237.D

Acq: 25 Oct 2024 15:42

Instrument :

BNA_M

ClientSampleId :

PB164369BS

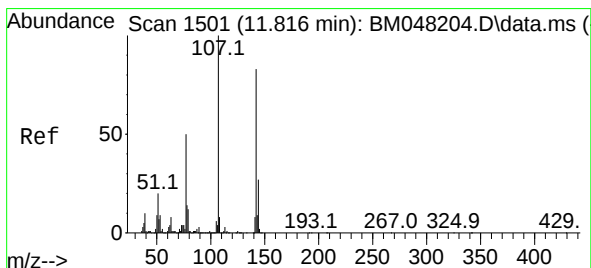
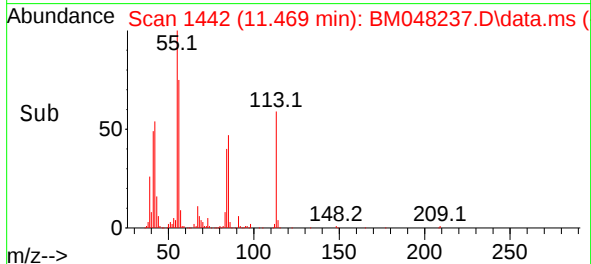
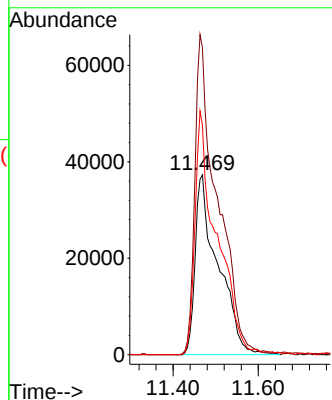
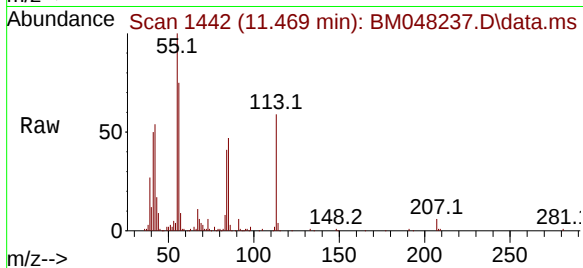
Tgt Ion:113 Resp: 138443

Ion Ratio Lower Upper

113 100

55 170.5 146.1 186.1

56 127.6 101.9 141.9



#36

4-Chloro-3-methylphenol

Concen: 44.158 ng

RT: 11.810 min Scan# 1500

Delta R.T. -0.006 min

Lab File: BM048237.D

Acq: 25 Oct 2024 15:42

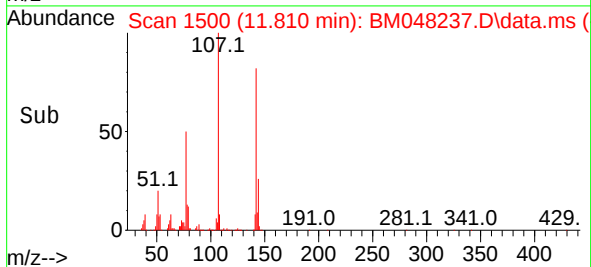
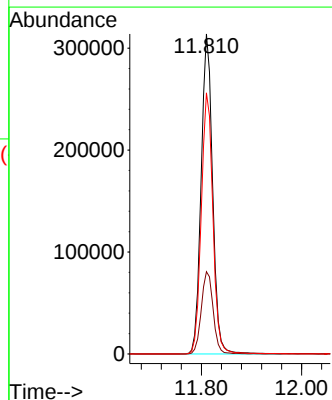
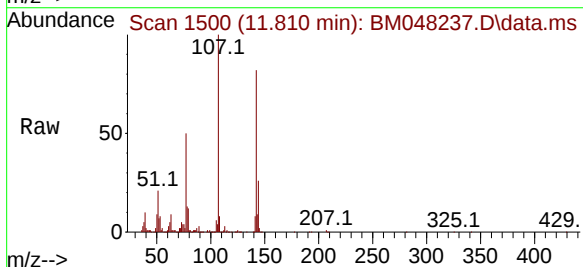
Tgt Ion:107 Resp: 498365

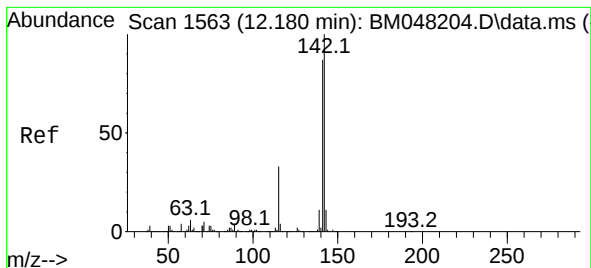
Ion Ratio Lower Upper

107 100

144 25.7 21.5 32.3

142 81.6 66.8 100.2





#37

2-Methylnaphthalene

Concen: 46.047 ng

RT: 12.175 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM048237.D

Acq: 25 Oct 2024 15:42

Instrument :

BNA_M

ClientSampleId :

PB164369BS

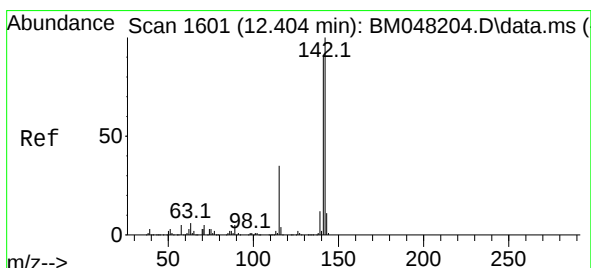
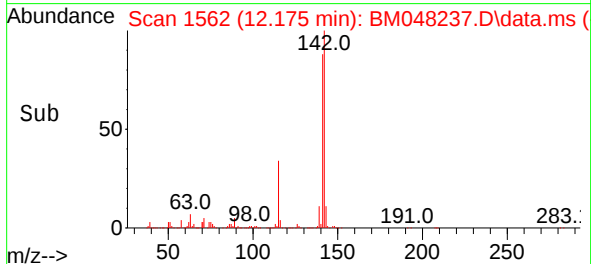
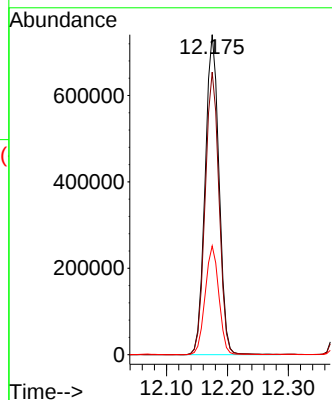
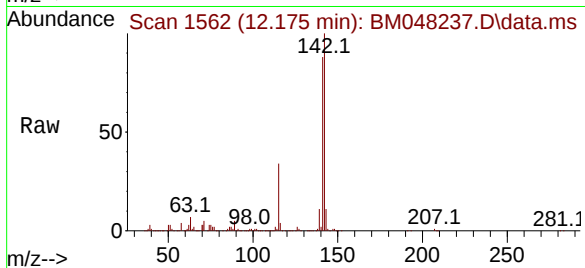
Tgt Ion:142 Resp: 1173125

Ion Ratio Lower Upper

142 100

141 88.3 69.8 104.6

115 34.0 26.3 39.5



#38

1-Methylnaphthalene

Concen: 42.917 ng

RT: 12.392 min Scan# 1599

Delta R.T. -0.011 min

Lab File: BM048237.D

Acq: 25 Oct 2024 15:42

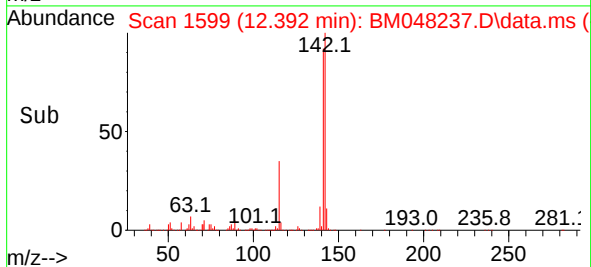
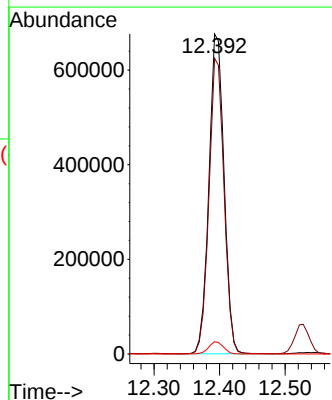
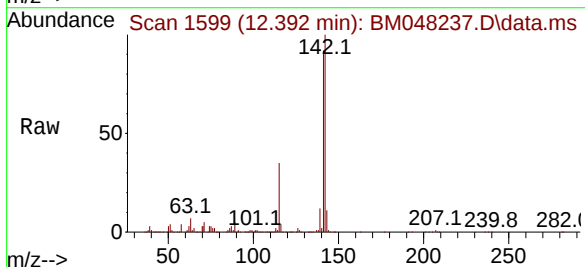
Tgt Ion:142 Resp: 1084221

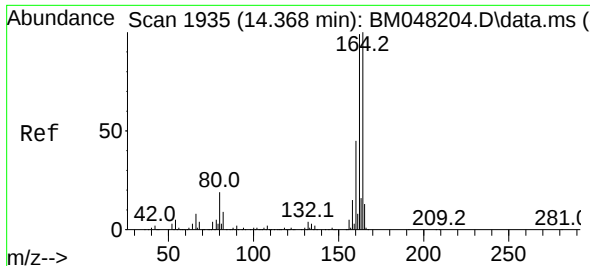
Ion Ratio Lower Upper

142 100

141 92.4 72.7 109.1

116 3.9 2.9 4.3

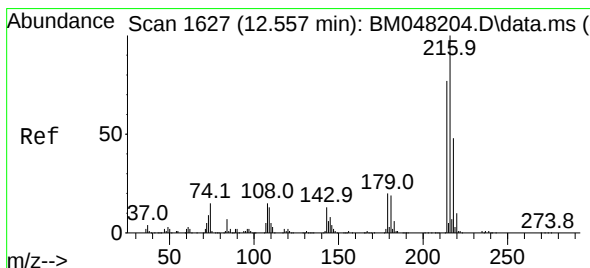
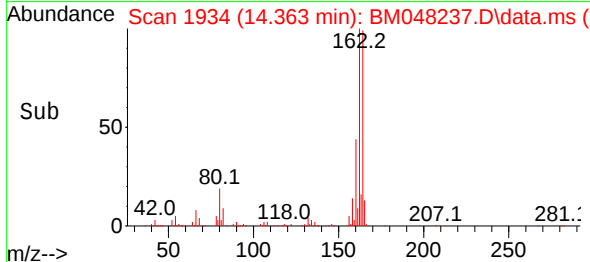
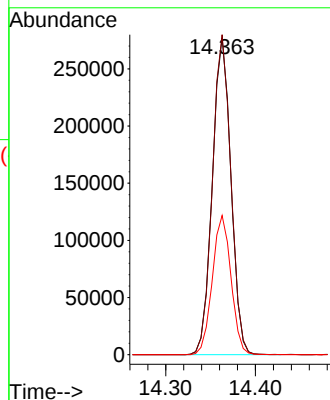
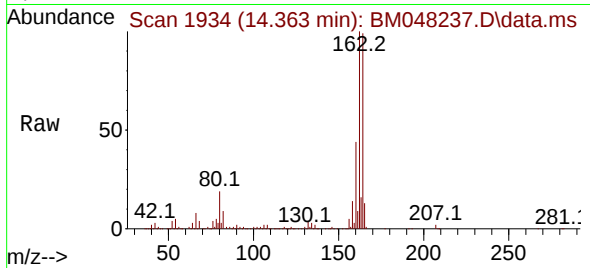




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.363 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BM048237.D
Acq: 25 Oct 2024 15:42

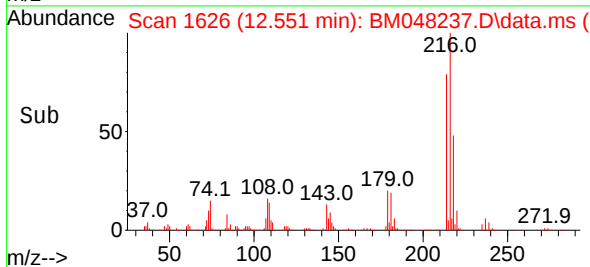
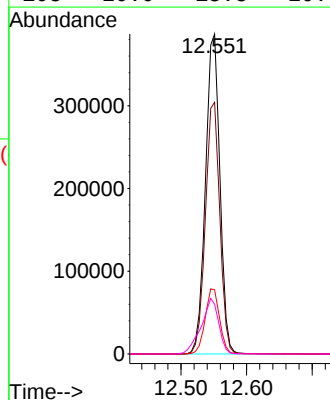
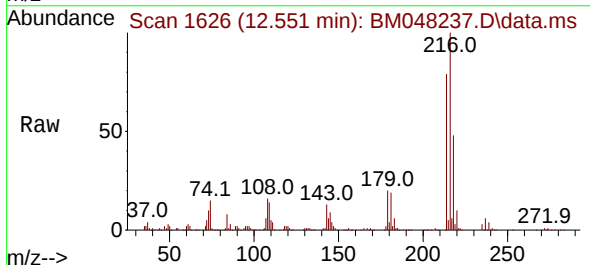
Instrument :
BNA_M
ClientSampleId :
PB164369BS

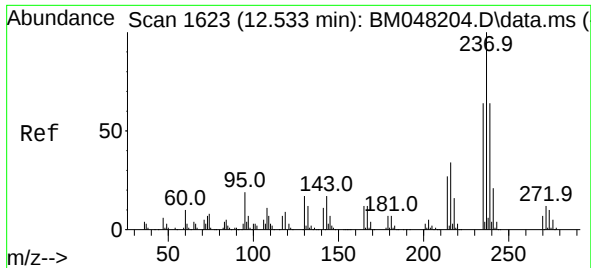
Tgt Ion:164 Resp: 398895
Ion Ratio Lower Upper
164 100
162 101.0 79.1 118.7
160 44.0 35.8 53.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.965 ng
RT: 12.551 min Scan# 1626
Delta R.T. -0.006 min
Lab File: BM048237.D
Acq: 25 Oct 2024 15:42

Tgt Ion:216 Resp: 592472
Ion Ratio Lower Upper
216 100
214 78.7 62.2 93.2
179 20.4 16.0 24.0
108 20.9 13.8 20.8#

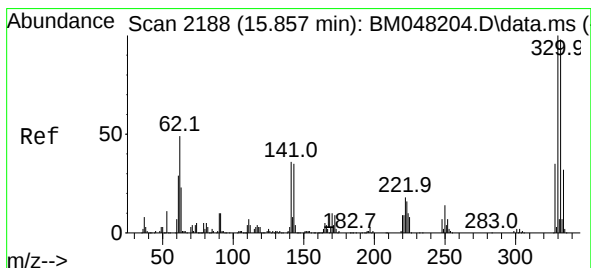
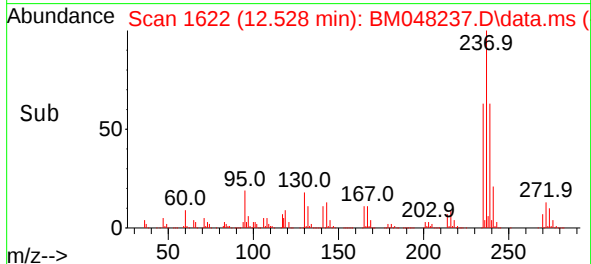
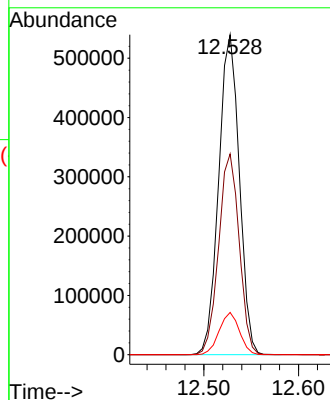
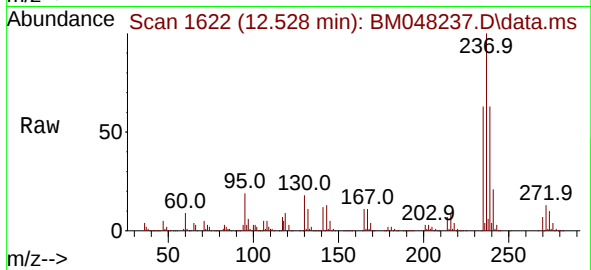




#41
Hexachlorocyclopentadiene
Concen: 211.949 ng
RT: 12.528 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM048237.D
Acq: 25 Oct 2024 15:42

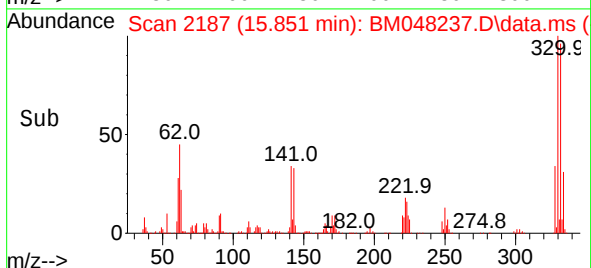
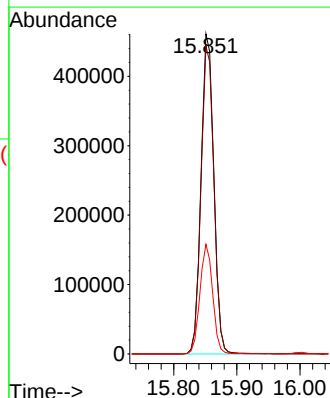
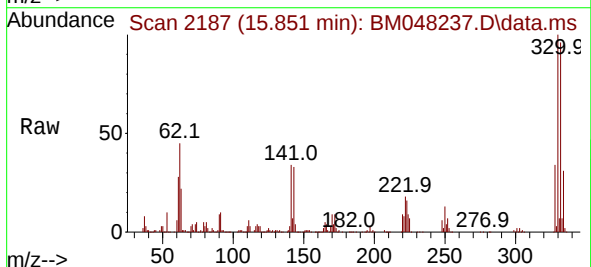
Instrument :
BNA_M
ClientSampleId :
PB164369BS

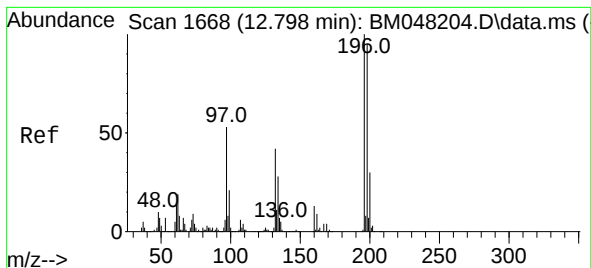
Tgt Ion:237 Resp: 817728
Ion Ratio Lower Upper
237 100
235 62.7 44.2 84.2
272 13.2 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 132.778 ng
RT: 15.851 min Scan# 2187
Delta R.T. -0.006 min
Lab File: BM048237.D
Acq: 25 Oct 2024 15:42

Tgt Ion:330 Resp: 648289
Ion Ratio Lower Upper
330 100
332 96.8 77.5 116.3
141 34.1 27.5 41.3





#43

2,4,6-Trichlorophenol

Concen: 51.322 ng

RT: 12.792 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM048237.D

Acq: 25 Oct 2024 15:42

Instrument :

BNA_M

ClientSampleId :

PB164369BS

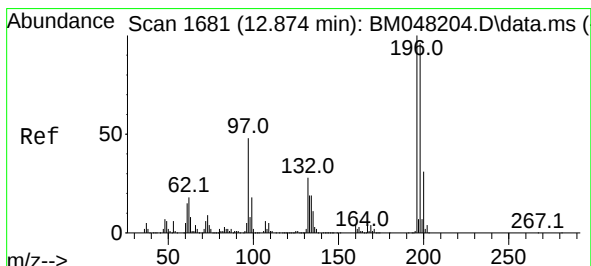
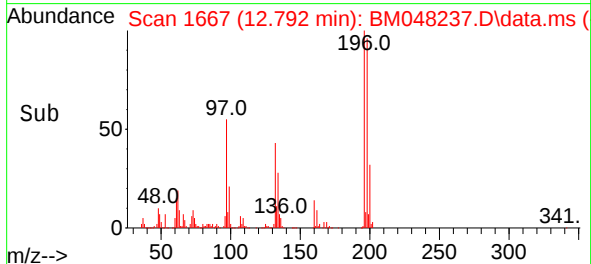
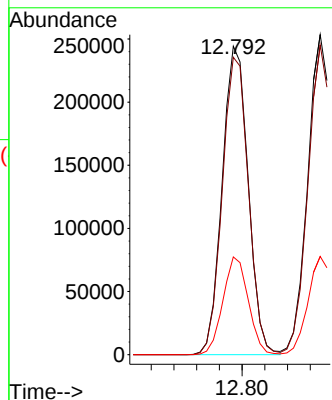
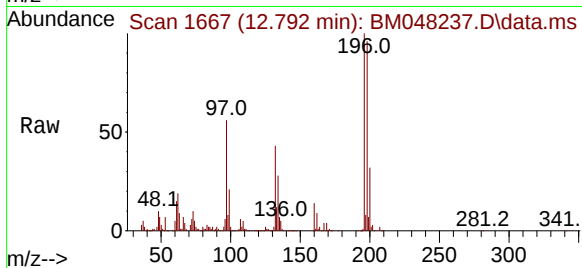
Tgt Ion:196 Resp: 388315

Ion Ratio Lower Upper

196 100

198 96.4 76.2 114.2

200 31.7 24.2 36.2



#44

2,4,5-Trichlorophenol

Concen: 49.007 ng

RT: 12.869 min Scan# 1680

Delta R.T. -0.006 min

Lab File: BM048237.D

Acq: 25 Oct 2024 15:42

Tgt Ion:196 Resp: 413494

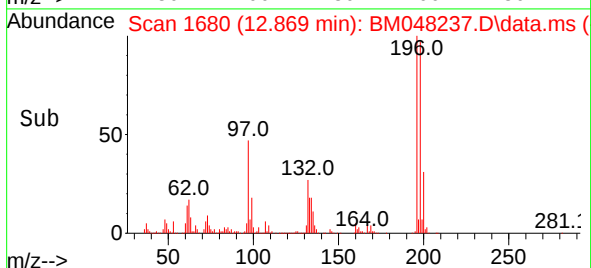
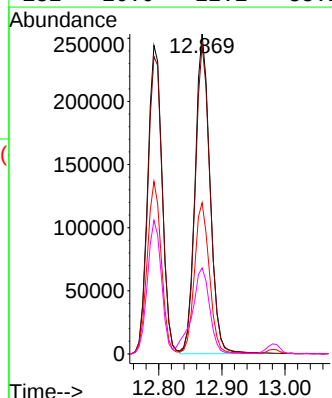
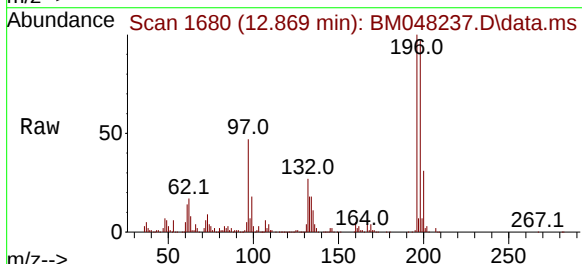
Ion Ratio Lower Upper

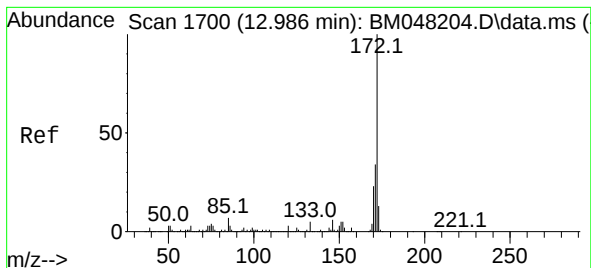
196 100

198 96.7 76.7 115.1

97 47.2 38.5 57.7

132 26.9 22.2 33.2





#45

2-Fluorobiphenyl

Concen: 98.972 ng

RT: 12.981 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM048237.D

Acq: 25 Oct 2024 15:42

Instrument :

BNA_M

ClientSampleId :

PB164369BS

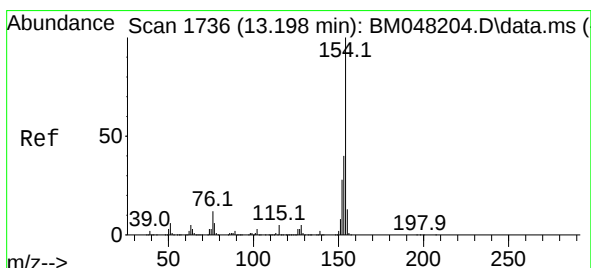
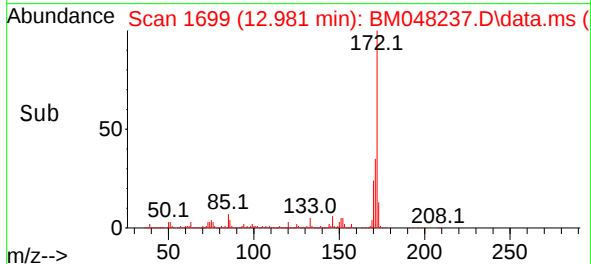
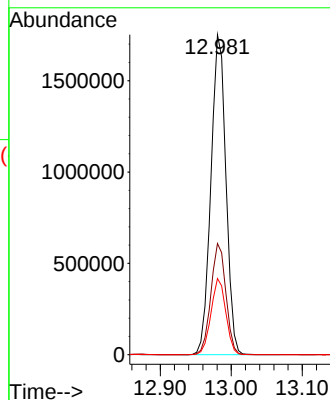
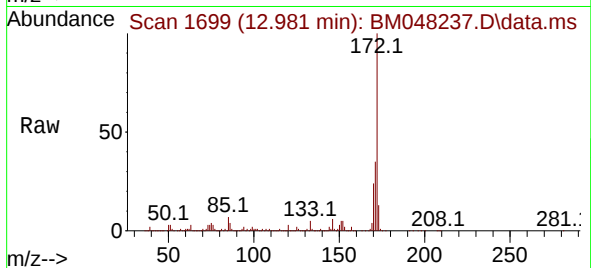
Tgt Ion:172 Resp: 2572793

Ion Ratio Lower Upper

172 100

171 34.8 27.4 41.0

170 23.8 18.5 27.7



#46

1,1'-Biphenyl

Concen: 50.499 ng

RT: 13.192 min Scan# 1735

Delta R.T. -0.006 min

Lab File: BM048237.D

Acq: 25 Oct 2024 15:42

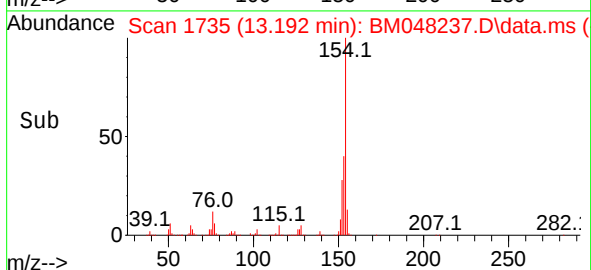
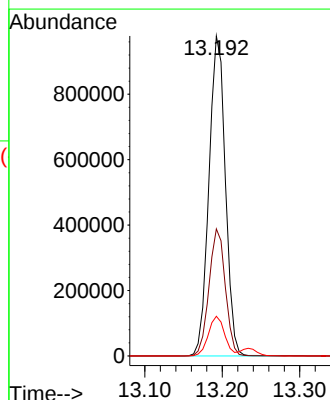
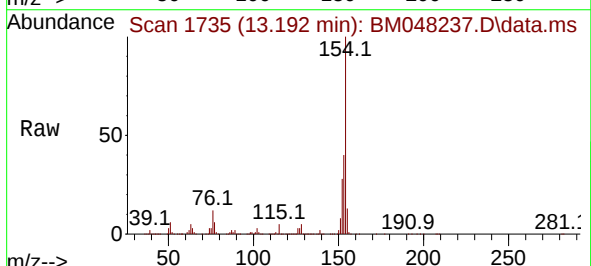
Tgt Ion:154 Resp: 1438193

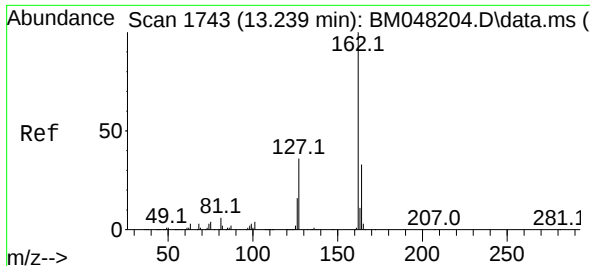
Ion Ratio Lower Upper

154 100

153 39.7 19.9 59.9

76 12.4 0.0 32.4





#47

2-Chloronaphthalene

Concen: 49.475 ng

RT: 13.233 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM048237.D

Acq: 25 Oct 2024 15:42

Instrument :

BNA_M

ClientSampleId :

PB164369BS

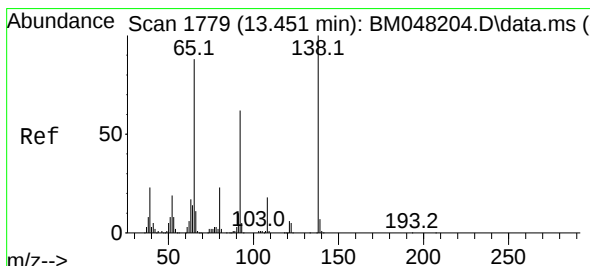
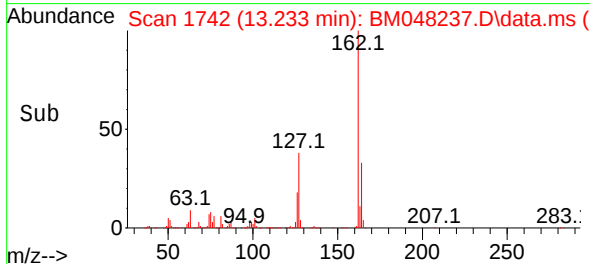
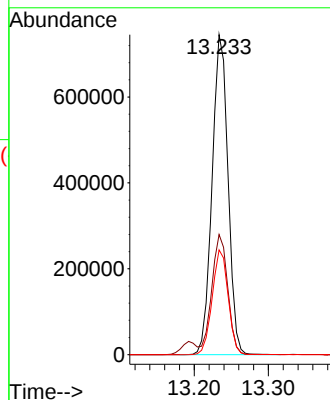
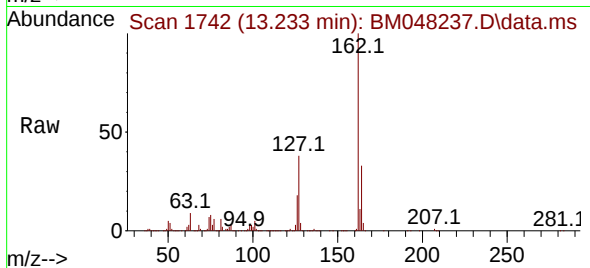
Tgt Ion:162 Resp: 1111001

Ion Ratio Lower Upper

162 100

127 37.6 31.0 46.6

164 32.7 26.2 39.4



#48

2-Nitroaniline

Concen: 49.763 ng

RT: 13.445 min Scan# 1778

Delta R.T. -0.006 min

Lab File: BM048237.D

Acq: 25 Oct 2024 15:42

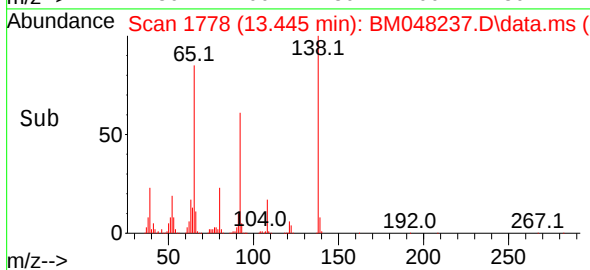
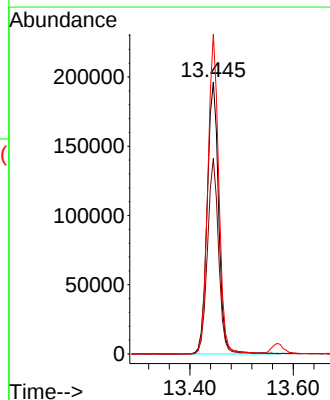
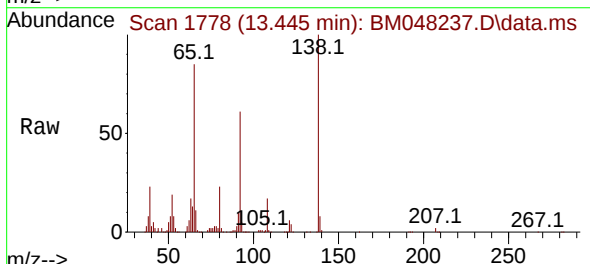
Tgt Ion: 65 Resp: 303080

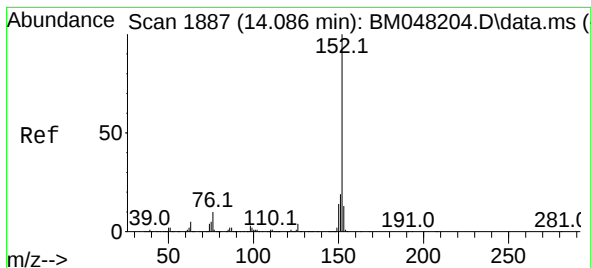
Ion Ratio Lower Upper

65 100

92 71.9 56.0 84.0

138 117.7 90.8 136.2





#49

Acenaphthylene

Concen: 52.295 ng

RT: 14.081 min Scan# 1886

Delta R.T. -0.006 min

Lab File: BM048237.D

Acq: 25 Oct 2024 15:42

Instrument :

BNA_M

ClientSampleId :

PB164369BS

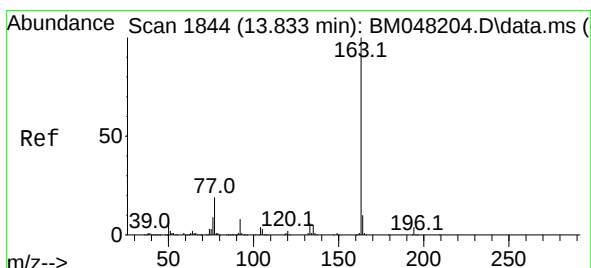
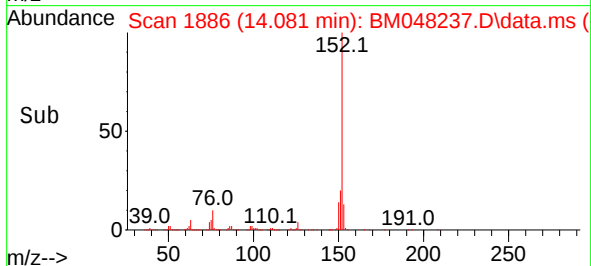
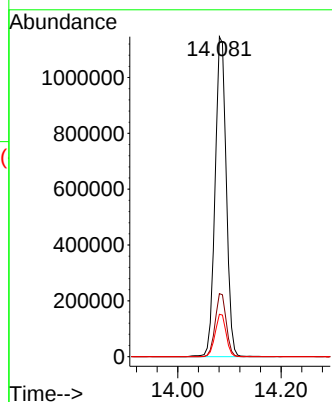
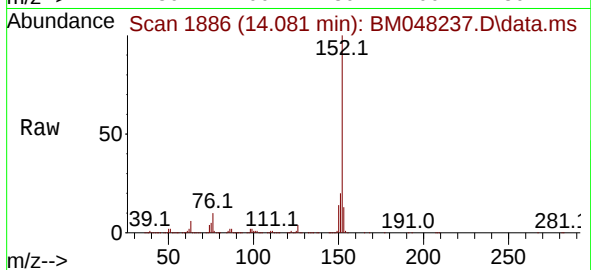
Tgt Ion:152 Resp: 1713262

Ion Ratio Lower Upper

152 100

151 19.7 15.4 23.2

153 13.3 10.5 15.7



#50

Dimethylphthalate

Concen: 47.172 ng

RT: 13.822 min Scan# 1842

Delta R.T. -0.011 min

Lab File: BM048237.D

Acq: 25 Oct 2024 15:42

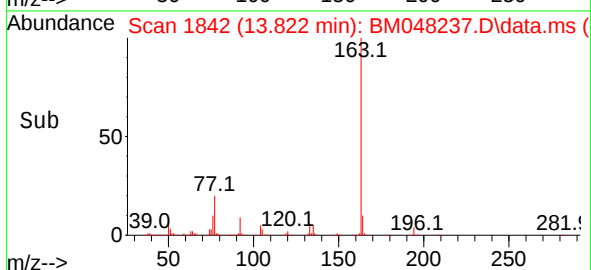
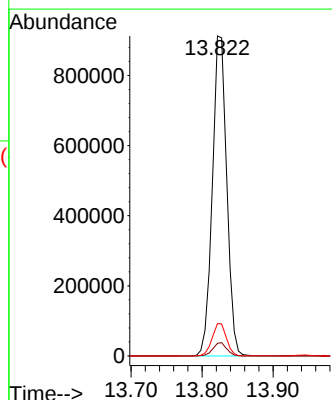
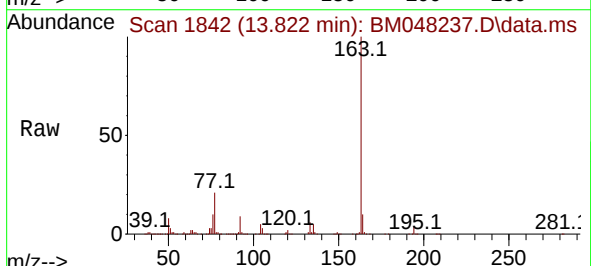
Tgt Ion:163 Resp: 1284546

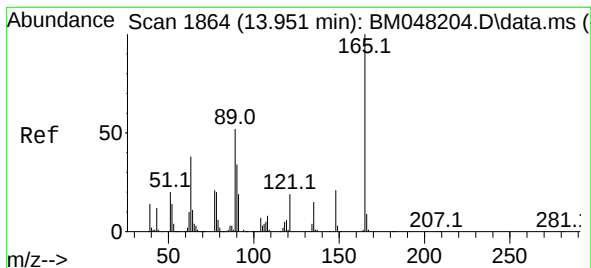
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.1 7.8 11.6

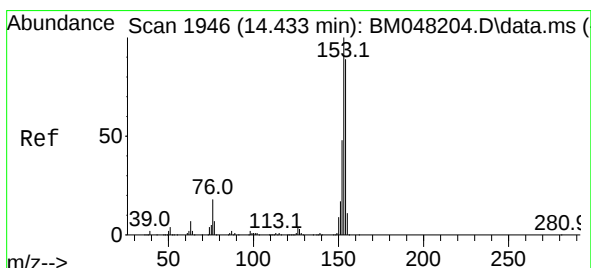
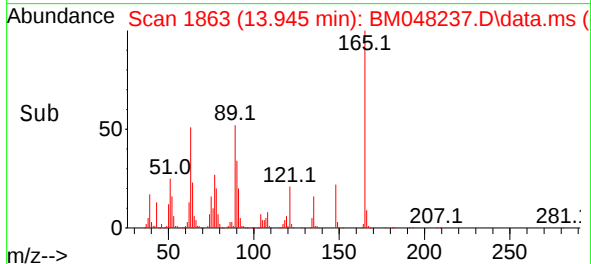
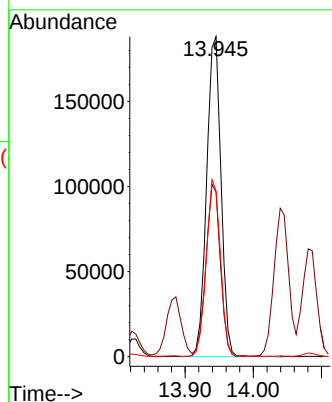
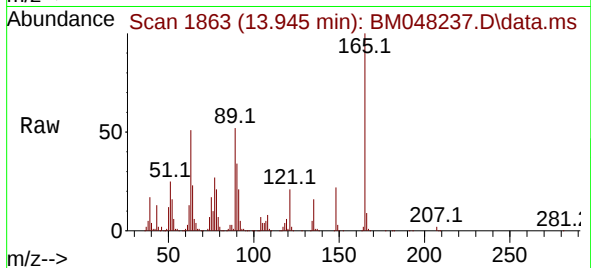




#51
2,6-Dinitrotoluene
Concen: 45.417 ng
RT: 13.945 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BM048237.D
Acq: 25 Oct 2024 15:42

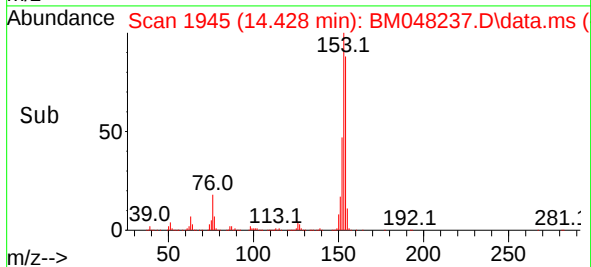
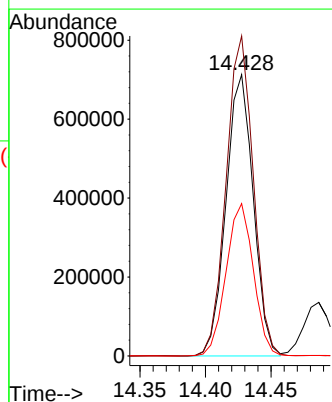
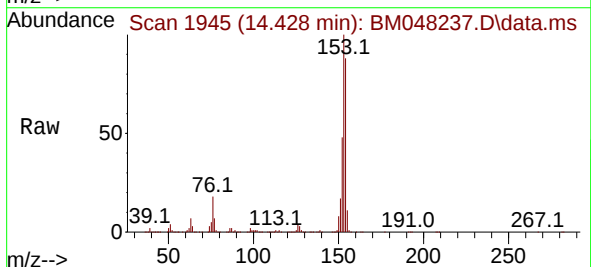
Instrument :
BNA_M
ClientSampleId :
PB164369BS

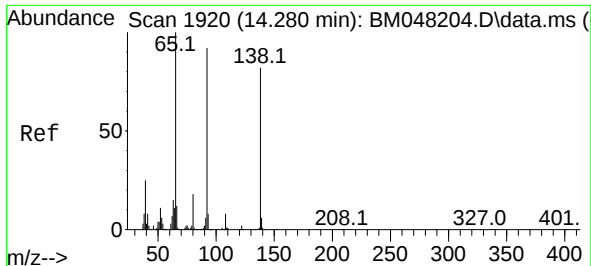
Tgt Ion:165 Resp: 275953
Ion Ratio Lower Upper
165 100
63 51.5 39.5 59.3
89 51.8 41.8 62.6



#52
Acenaphthene
Concen: 49.606 ng
RT: 14.428 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BM048237.D
Acq: 25 Oct 2024 15:42

Tgt Ion:154 Resp: 1032626
Ion Ratio Lower Upper
154 100
153 113.7 90.4 135.6
152 54.1 43.6 65.4





#53

3-Nitroaniline

Concen: 29.874 ng

RT: 14.275 min Scan# 1919

Delta R.T. -0.006 min

Lab File: BM048237.D

Acq: 25 Oct 2024 15:42

Instrument :

BNA_M

ClientSampleId :

PB164369BS

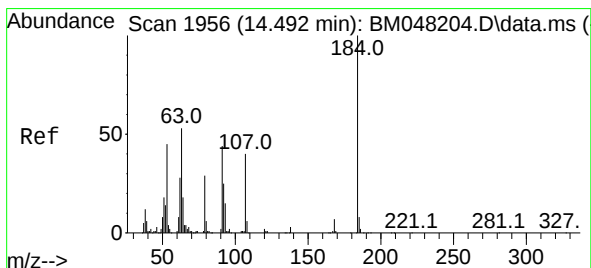
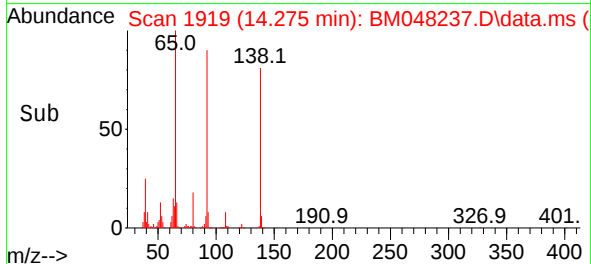
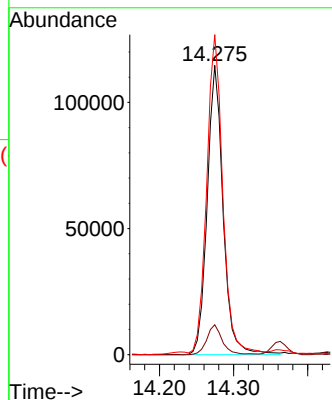
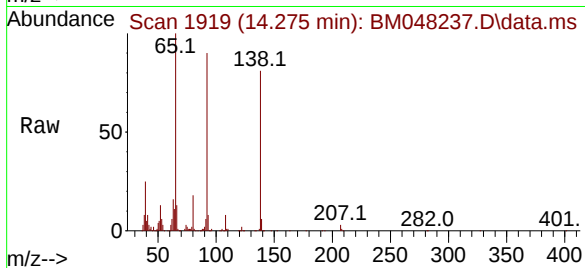
Tgt Ion:138 Resp: 171183

Ion Ratio Lower Upper

138 100

108 10.4 7.5 11.3

92 110.6 89.7 134.5



#54

2,4-Dinitrophenol

Concen: 93.445 ng

RT: 14.486 min Scan# 1955

Delta R.T. -0.006 min

Lab File: BM048237.D

Acq: 25 Oct 2024 15:42

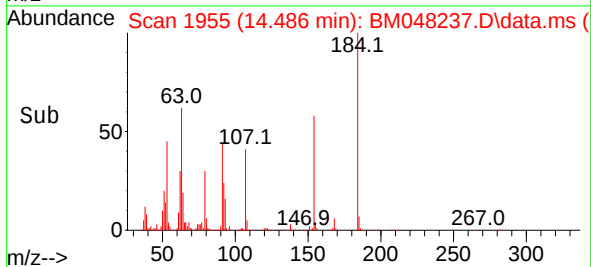
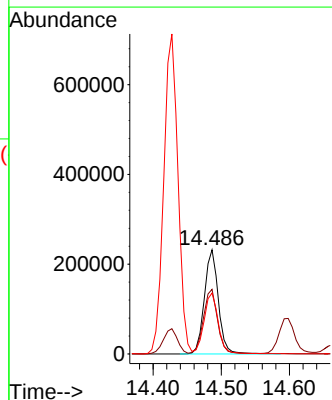
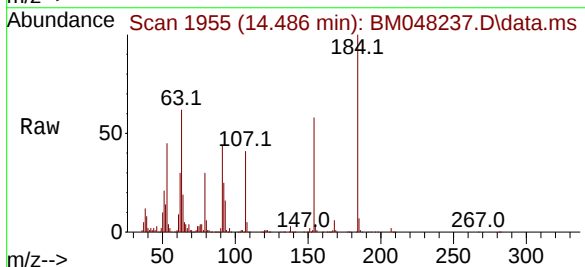
Tgt Ion:184 Resp: 331785

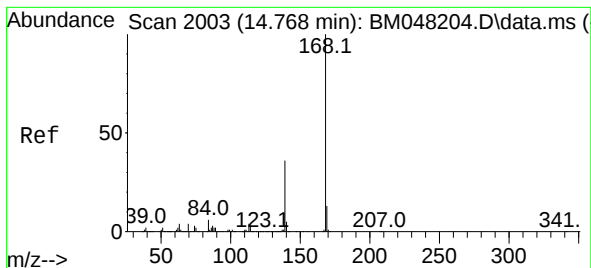
Ion Ratio Lower Upper

184 100

63 62.1 47.2 70.8

154 58.5 46.0 69.0





#55

Dibenzenofuran

Concen: 48.620 ng

RT: 14.763 min Scan# 20

Delta R.T. -0.006 min

Lab File: BM048237.D

Acq: 25 Oct 2024 15:42

Instrument :

BNA_M

ClientSampleId :

PB164369BS

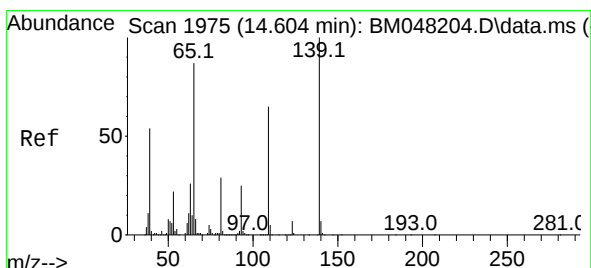
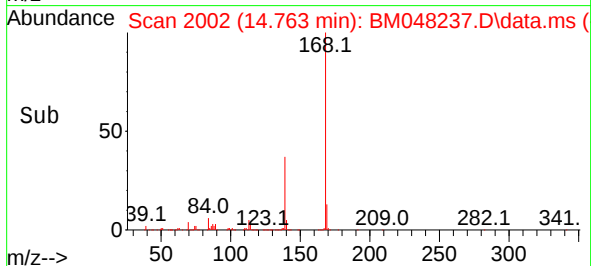
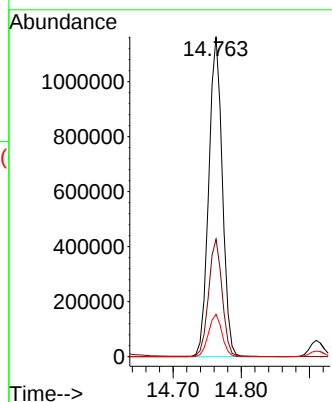
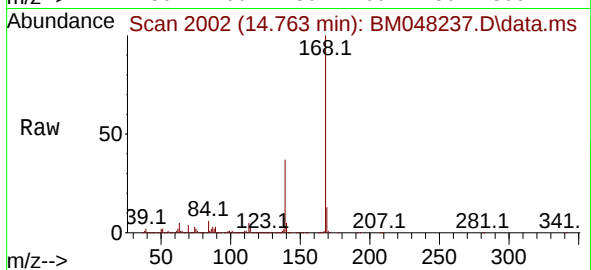
Tgt Ion:168 Resp: 1607974

Ion Ratio Lower Upper

168 100

139 36.7 29.0 43.6

169 13.2 10.4 15.6



#56

4-Nitrophenol

Concen: 94.818 ng

RT: 14.598 min Scan# 1974

Delta R.T. -0.006 min

Lab File: BM048237.D

Acq: 25 Oct 2024 15:42

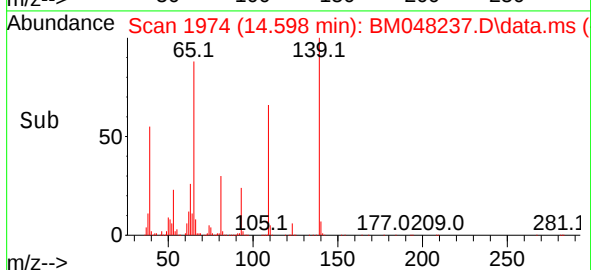
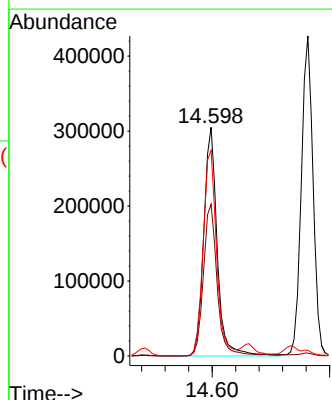
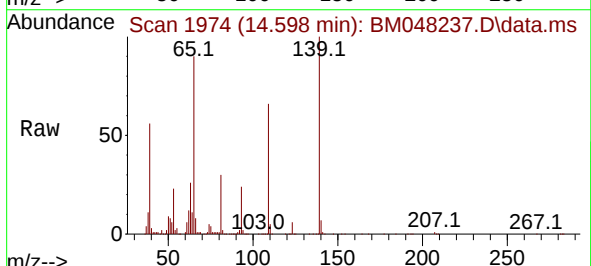
Tgt Ion:139 Resp: 484899

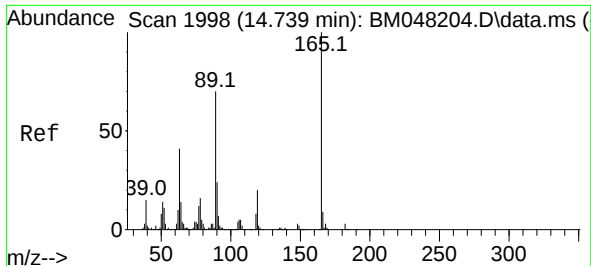
Ion Ratio Lower Upper

139 100

109 66.4 45.4 85.4

65 89.9 67.3 107.3

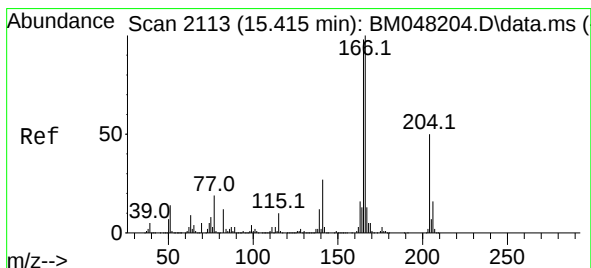
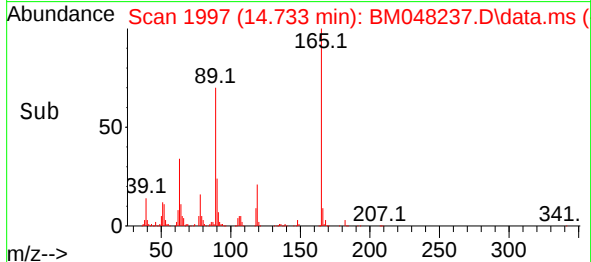
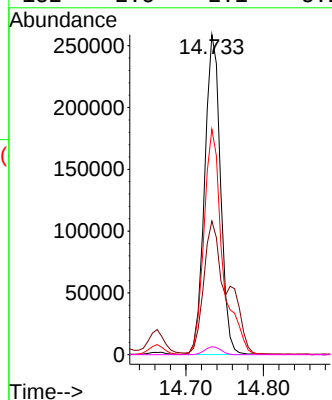
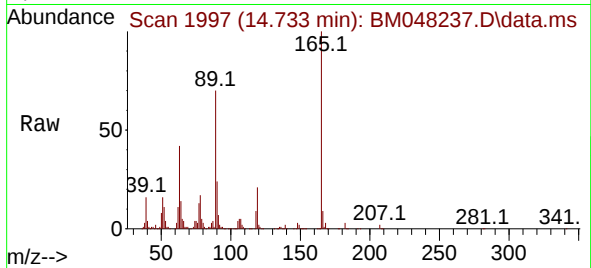




#57
2,4-Dinitrotoluene
Concen: 45.702 ng
RT: 14.733 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BM048237.D
Acq: 25 Oct 2024 15:42

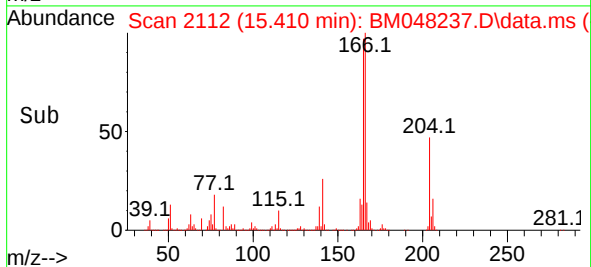
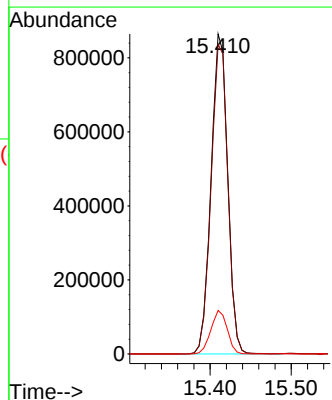
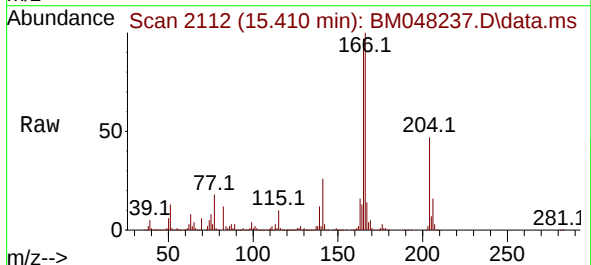
Instrument :
BNA_M
ClientSampleId :
PB164369BS

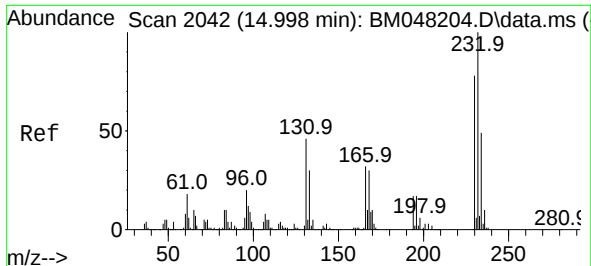
Tgt Ion:165 Resp: 366700
Ion Ratio Lower Upper
165 100
63 41.7 33.0 49.4
89 70.5 55.8 83.6
182 2.5 2.1 3.1



#58
Fluorene
Concen: 46.996 ng
RT: 15.410 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BM048237.D
Acq: 25 Oct 2024 15:42

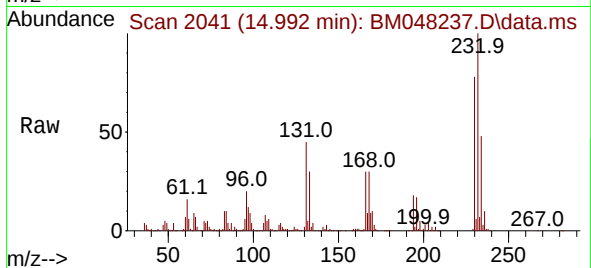
Tgt Ion:166 Resp: 1229017
Ion Ratio Lower Upper
166 100
165 96.8 78.4 117.6
167 13.6 10.8 16.2



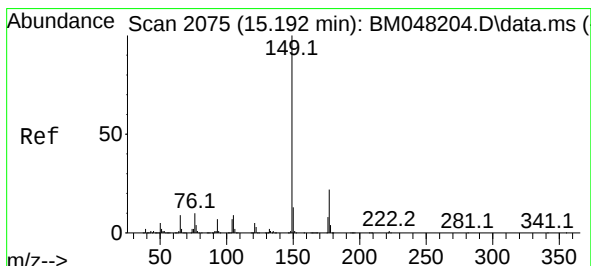
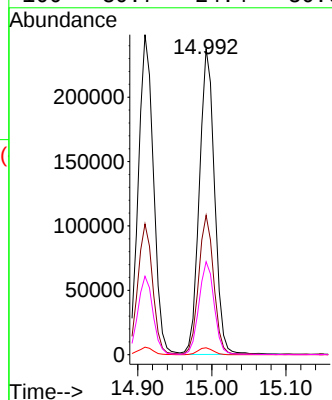
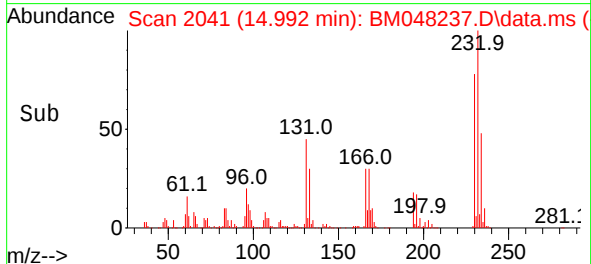


#59
2,3,4,6-Tetrachlorophenol
Concen: 48.317 ng
RT: 14.992 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BM048237.D
Acq: 25 Oct 2024 15:42

Instrument :
BNA_M
ClientSampleId :
PB164369BS

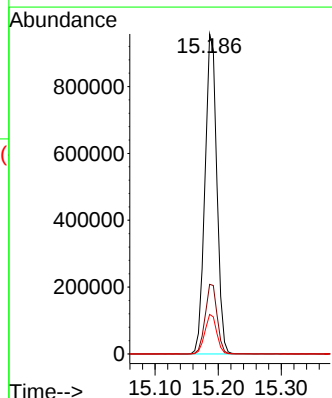
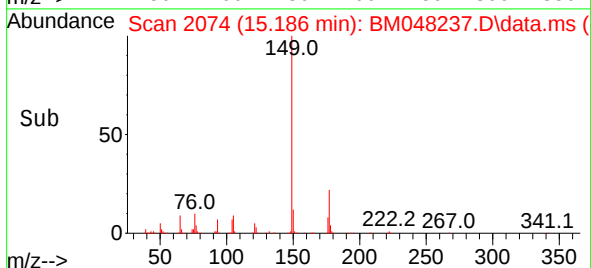
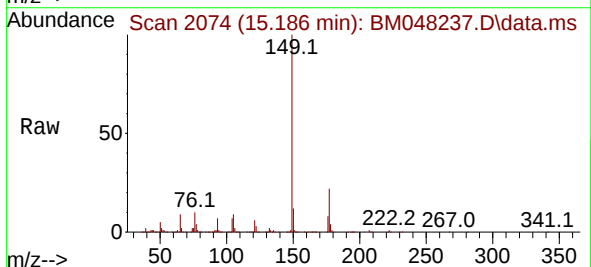


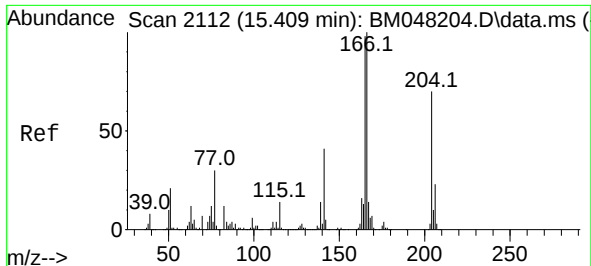
Tgt Ion:232 Resp: 337906
Ion Ratio Lower Upper
232 100
131 45.3 35.5 53.3
130 2.3 1.8 2.6
166 30.7 24.4 36.6



#60
Diethylphthalate
Concen: 45.284 ng
RT: 15.186 min Scan# 2074
Delta R.T. -0.006 min
Lab File: BM048237.D
Acq: 25 Oct 2024 15:42

Tgt Ion:149 Resp: 1248532
Ion Ratio Lower Upper
149 100
177 21.7 17.5 26.3
150 12.3 10.1 15.1

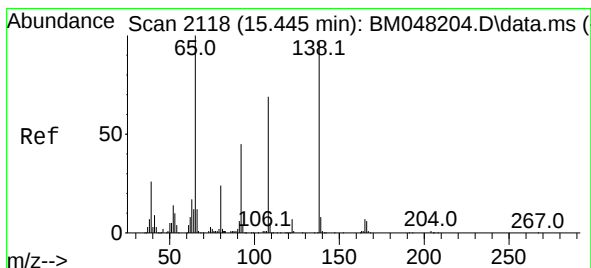
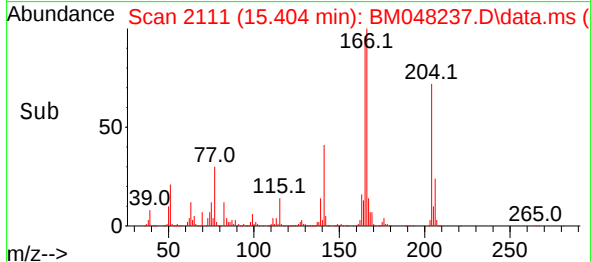
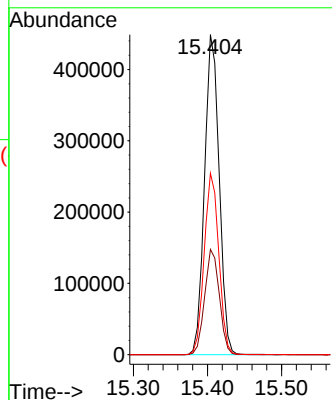
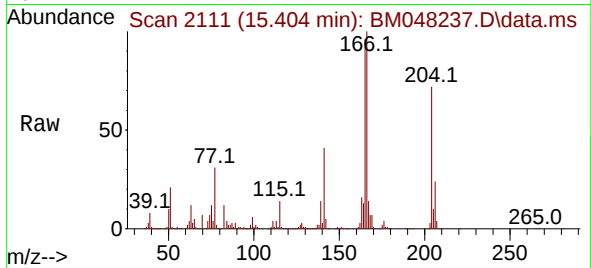




#61
4-Chlorophenyl-phenylether
Concen: 47.106 ng
RT: 15.404 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BM048237.D
Acq: 25 Oct 2024 15:42

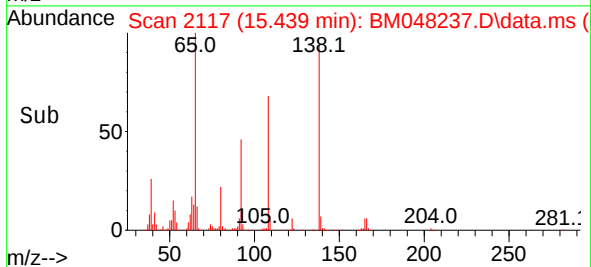
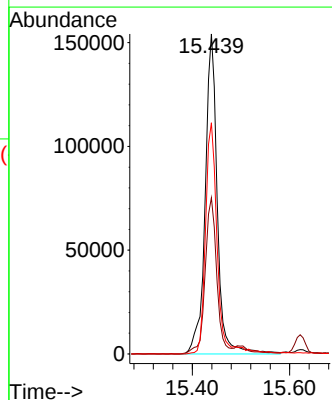
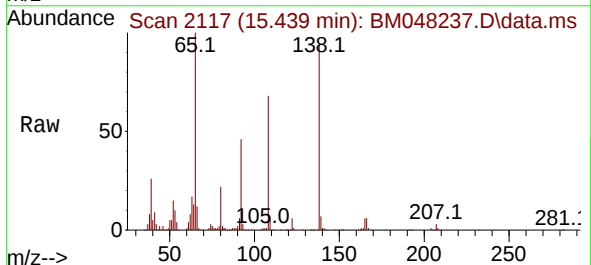
Instrument :
BNA_M
ClientSampleId :
PB164369BS

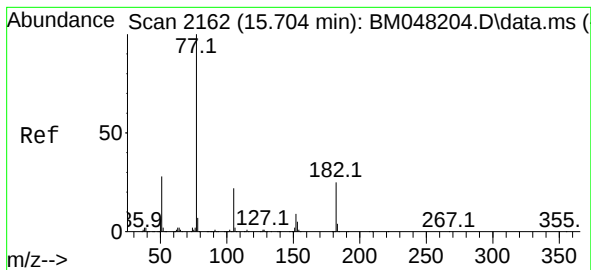
Tgt Ion:204 Resp: 615954
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.4
141 56.7 47.0 70.6



#62
4-Nitroaniline
Concen: 44.901 ng
RT: 15.439 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BM048237.D
Acq: 25 Oct 2024 15:42

Tgt Ion:138 Resp: 266271
Ion Ratio Lower Upper
138 100
92 48.8 26.9 66.9
108 72.3 51.3 91.3





#63

Azobenzene

Concen: 49.273 ng

RT: 15.698 min Scan# 2161

Delta R.T. -0.006 min

Lab File: BM048237.D

Acq: 25 Oct 2024 15:42

Instrument :

BNA_M

ClientSampleId :

PB164369BS

Tgt Ion: 77 Resp: 1217591

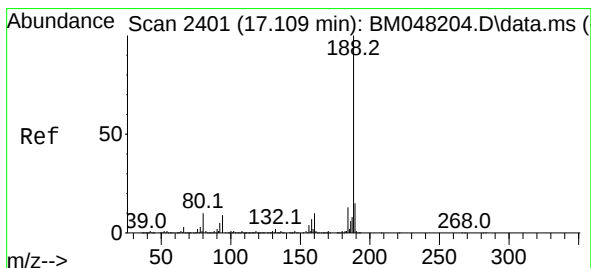
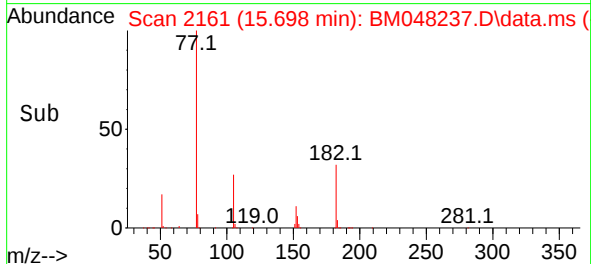
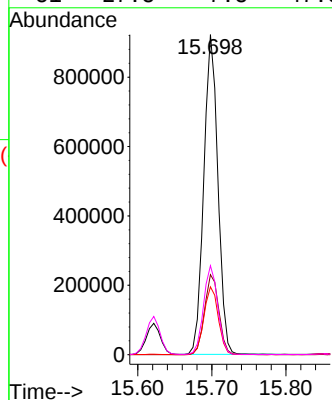
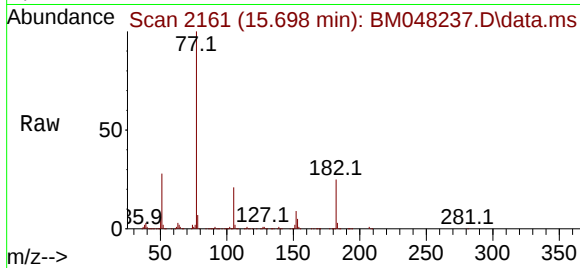
Ion Ratio Lower Upper

77 100

182 25.0 5.3 45.3

105 21.2 1.6 41.6

51 27.8 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: BM048237.D

Acq: 25 Oct 2024 15:42

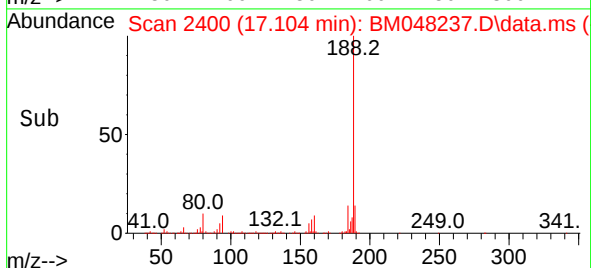
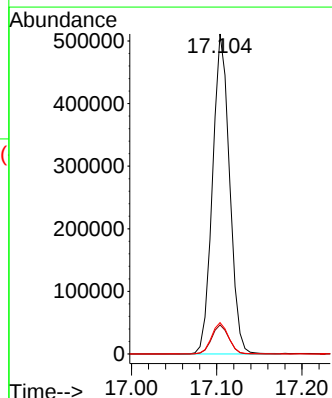
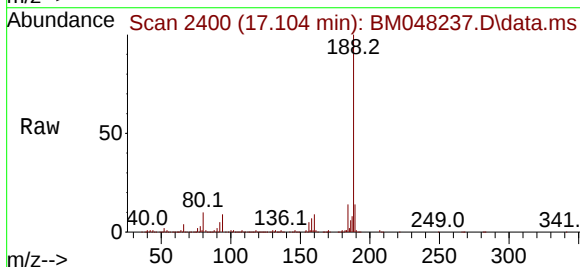
Tgt Ion: 188 Resp: 712540

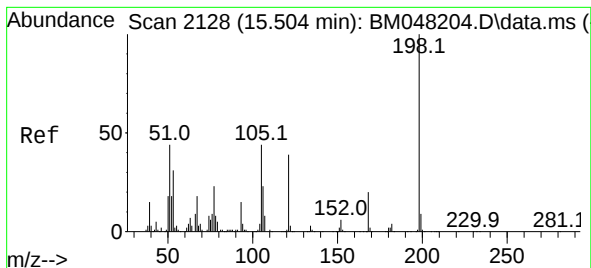
Ion Ratio Lower Upper

188 100

94 9.1 7.3 10.9

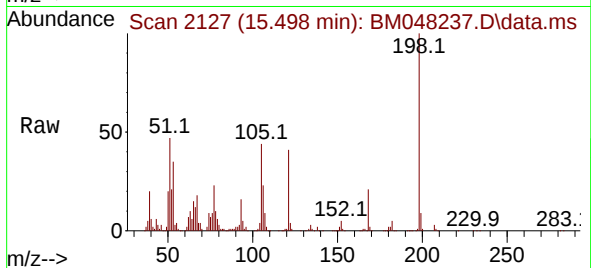
80 9.8 8.0 12.0



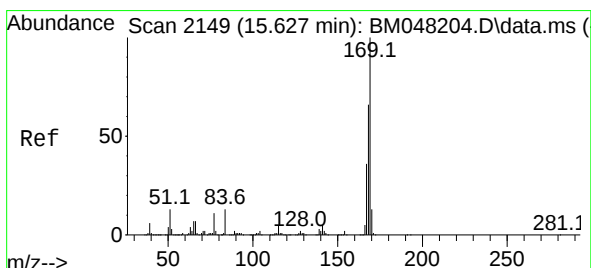
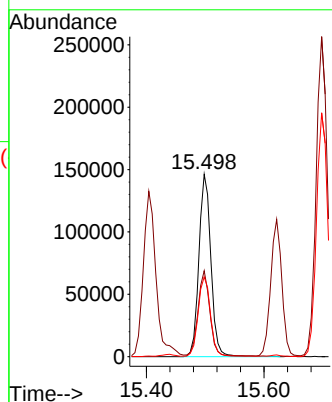
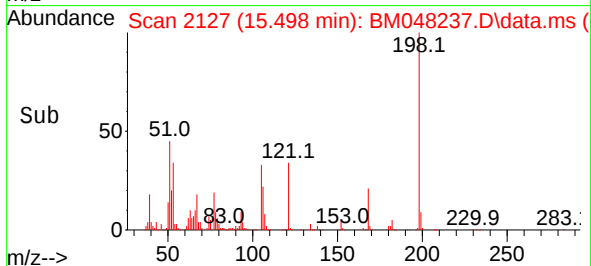


#65
4,6-Dinitro-2-methylphenol
Concen: 50.087 ng
RT: 15.498 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BM048237.D
Acq: 25 Oct 2024 15:42

Instrument :
BNA_M
ClientSampleId :
PB164369BS

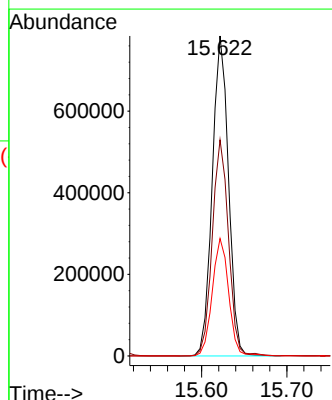
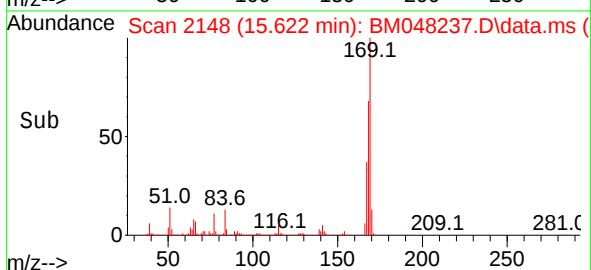
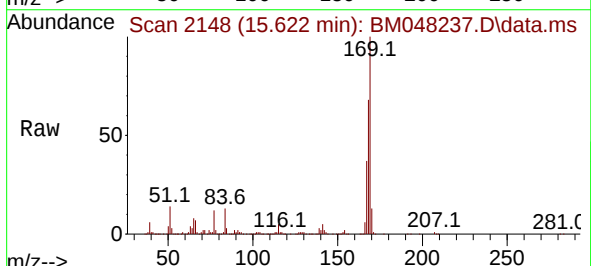


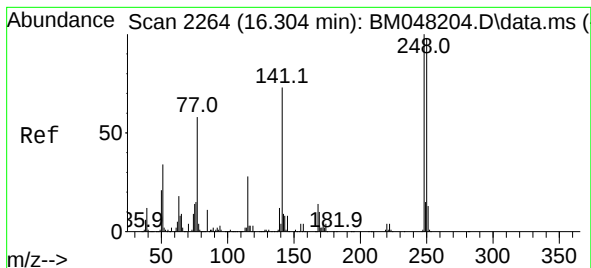
Tgt Ion:198 Resp: 207072
Ion Ratio Lower Upper
198 100
51 47.1 25.4 65.4
105 43.8 23.9 63.9



#66
n-Nitrosodiphenylamine
Concen: 53.085 ng
RT: 15.622 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BM048237.D
Acq: 25 Oct 2024 15:42

Tgt Ion:169 Resp: 1038366
Ion Ratio Lower Upper
169 100
168 67.6 52.9 79.3
167 36.7 29.3 43.9

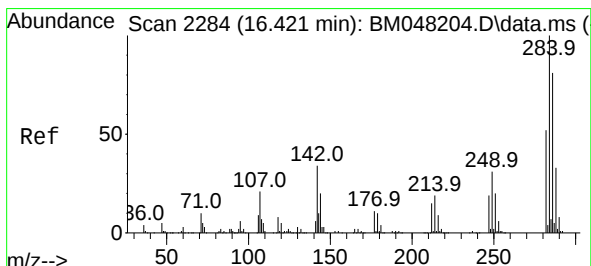
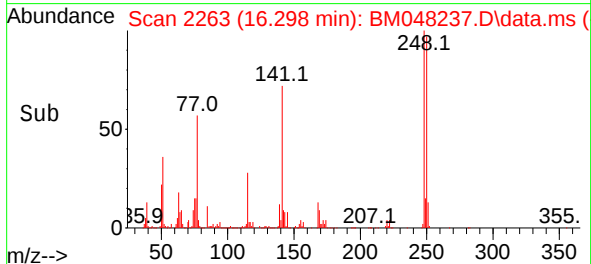
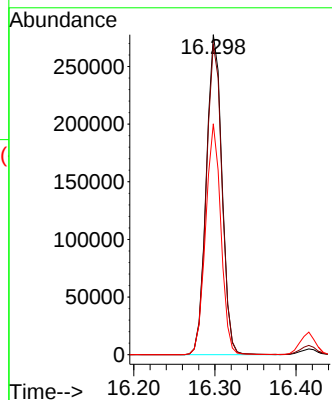
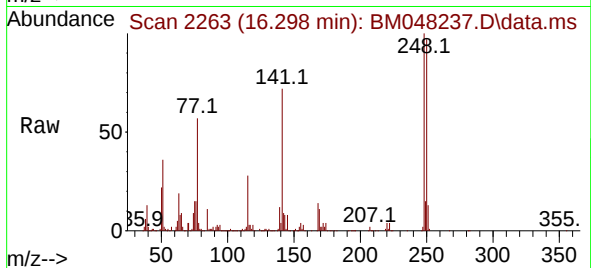




#67
4-Bromophenyl-phenylether
Concen: 51.351 ng
RT: 16.298 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM048237.D
Acq: 25 Oct 2024 15:42

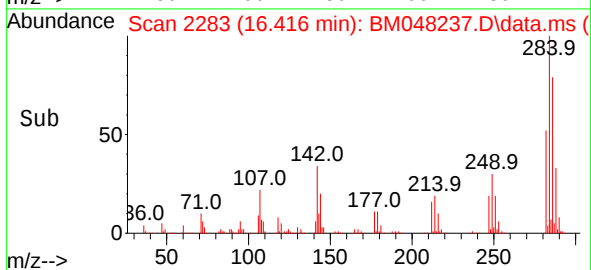
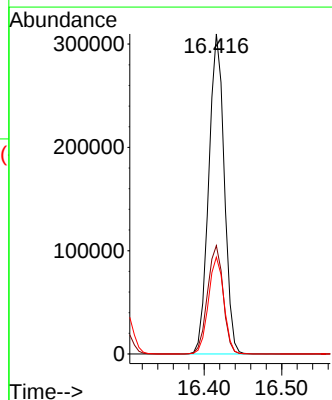
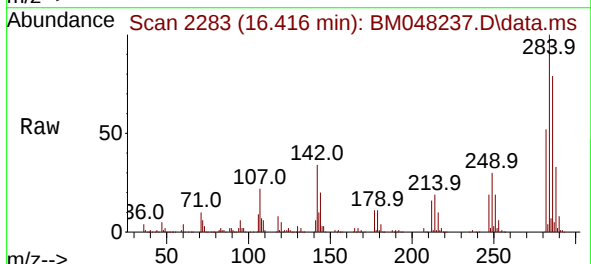
Instrument :
BNA_M
ClientSampleId :
PB164369BS

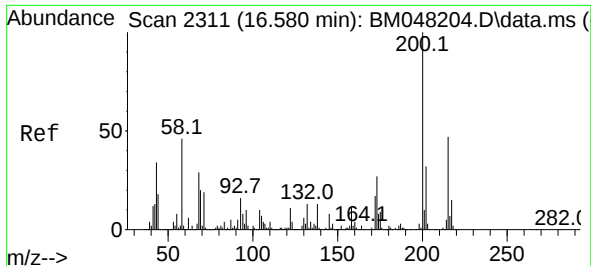
Tgt Ion:248 Resp: 370969
Ion Ratio Lower Upper
248 100
250 96.9 78.3 117.5
141 72.2 58.0 87.0



#68
Hexachlorobenzene
Concen: 49.577 ng
RT: 16.416 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BM048237.D
Acq: 25 Oct 2024 15:42

Tgt Ion:284 Resp: 430167
Ion Ratio Lower Upper
284 100
142 33.8 27.0 40.4
249 30.3 24.6 36.8





#69

Atrazine

Concen: 63.680 ng

RT: 16.574 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM048237.D

Acq: 25 Oct 2024 15:42

Instrument :

BNA_M

ClientSampleId :

PB164369BS

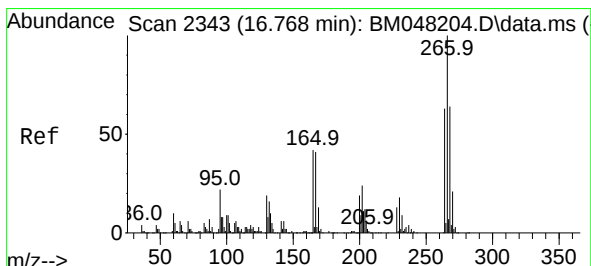
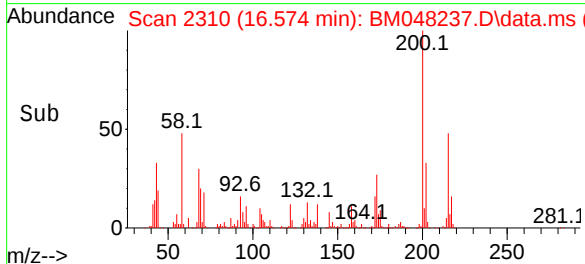
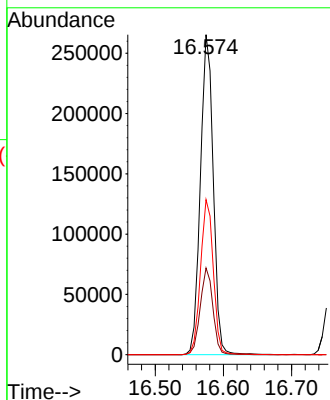
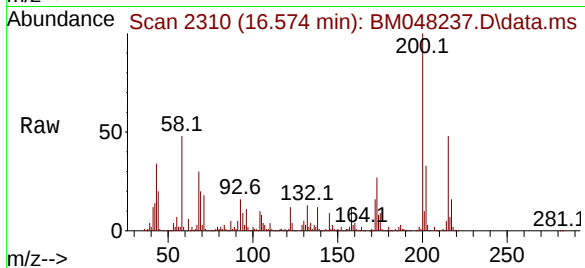
Tgt Ion:200 Resp: 348529

Ion Ratio Lower Upper

200 100

173 27.1 6.5 46.5

215 48.4 27.2 67.2



#70

Pentachlorophenol

Concen: 97.899 ng

RT: 16.763 min Scan# 2342

Delta R.T. -0.006 min

Lab File: BM048237.D

Acq: 25 Oct 2024 15:42

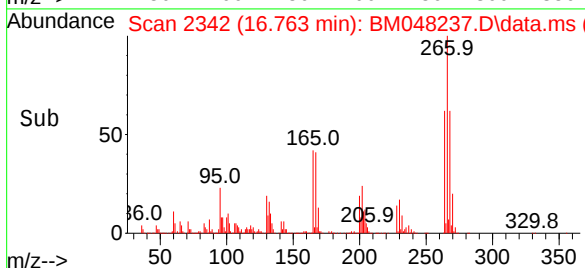
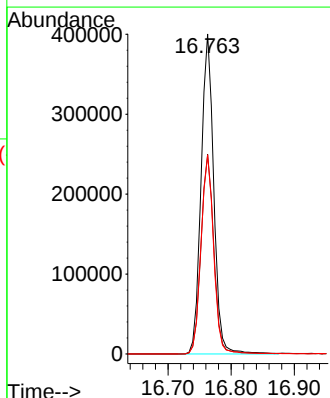
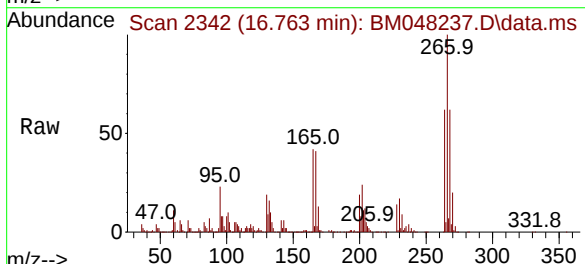
Tgt Ion:266 Resp: 557690

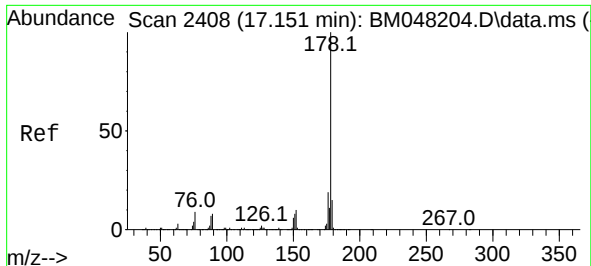
Ion Ratio Lower Upper

266 100

268 62.4 50.8 76.2

264 62.1 50.2 75.2

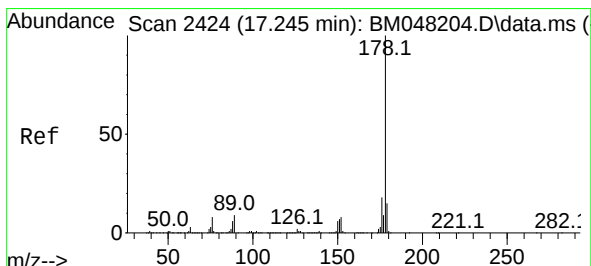
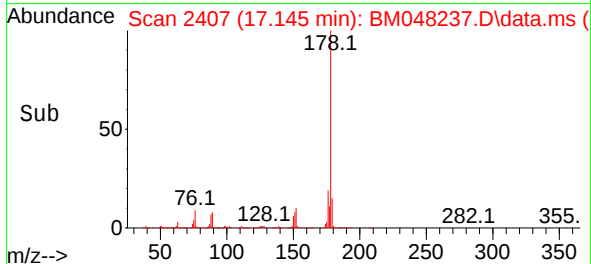
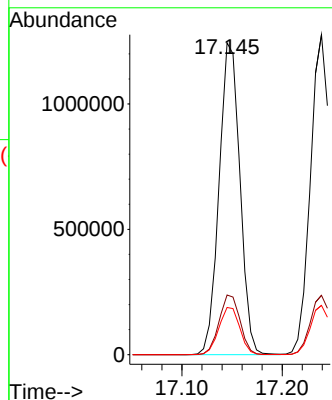
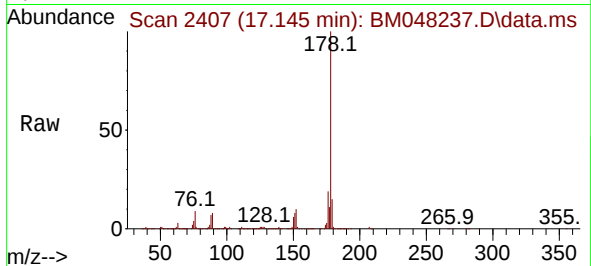




#71
Phenanthrene
Concen: 50.808 ng
RT: 17.145 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BM048237.D
Acq: 25 Oct 2024 15:42

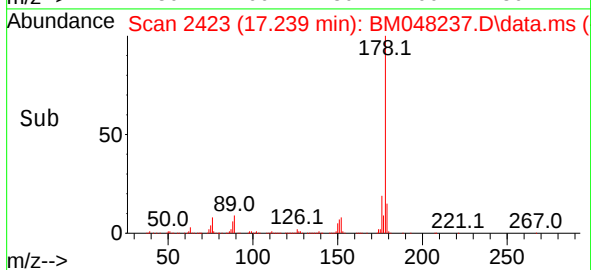
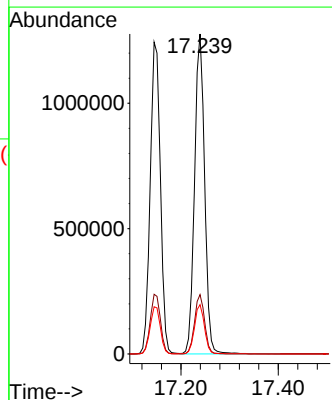
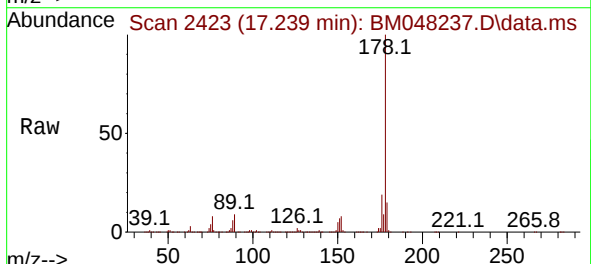
Instrument :
BNA_M
ClientSampleId :
PB164369BS

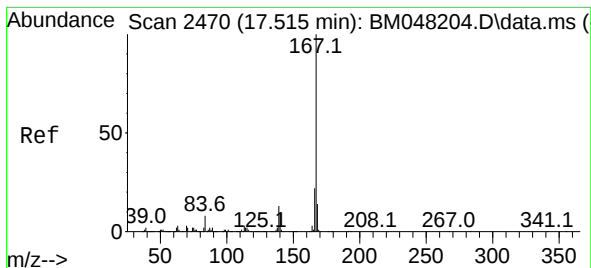
Tgt Ion:178 Resp: 1792677
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.2 12.4 18.6



#72
Anthracene
Concen: 53.751 ng
RT: 17.239 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BM048237.D
Acq: 25 Oct 2024 15:42

Tgt Ion:178 Resp: 1835874
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.4 12.2 18.2





#73

Carbazole

Concen: 48.943 ng

RT: 17.510 min Scan# 2469

Delta R.T. -0.006 min

Lab File: BM048237.D

Acq: 25 Oct 2024 15:42

Instrument :

BNA_M

ClientSampleId :

PB164369BS

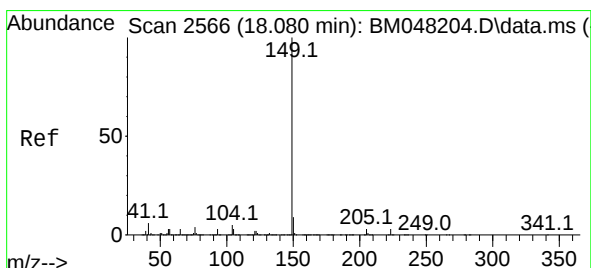
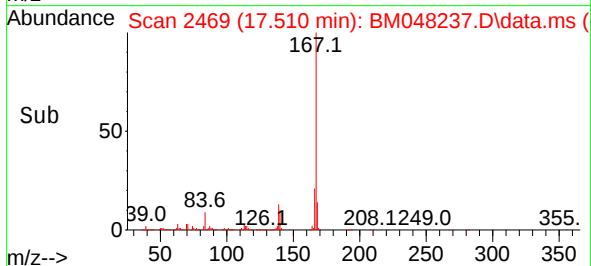
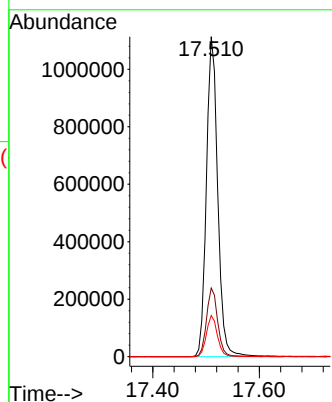
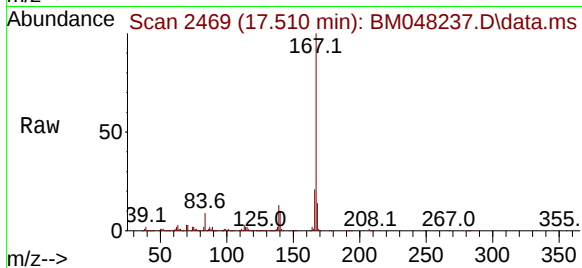
Tgt Ion:167 Resp: 1638769

Ion Ratio Lower Upper

167 100

166 21.4 17.2 25.8

139 12.9 10.4 15.6



#74

Di-n-butylphthalate

Concen: 48.238 ng

RT: 18.074 min Scan# 2565

Delta R.T. -0.006 min

Lab File: BM048237.D

Acq: 25 Oct 2024 15:42

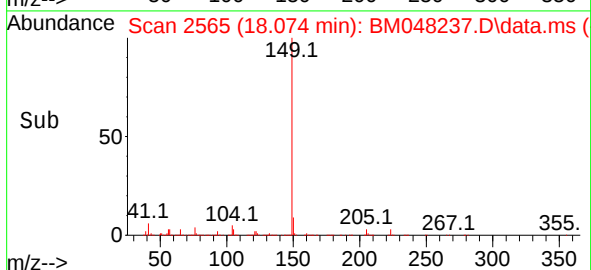
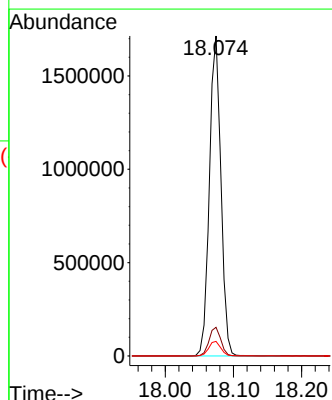
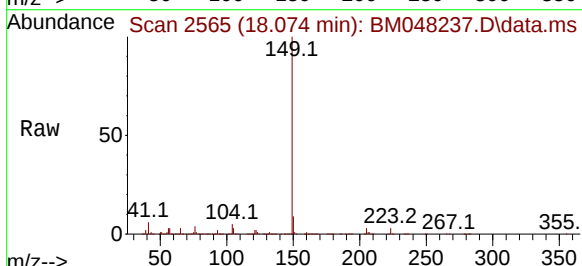
Tgt Ion:149 Resp: 2010401

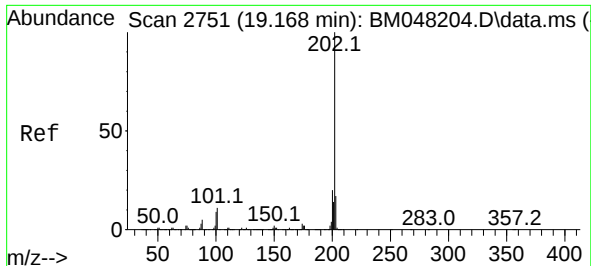
Ion Ratio Lower Upper

149 100

150 8.9 7.2 10.8

104 4.6 3.8 5.6

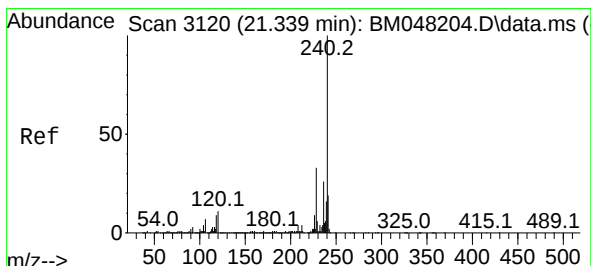
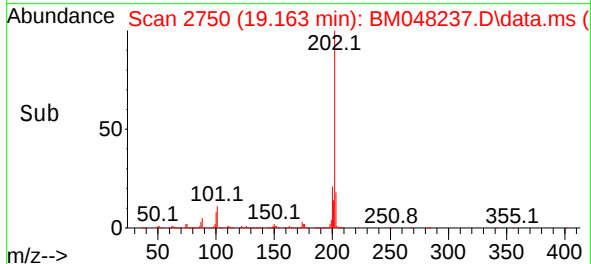
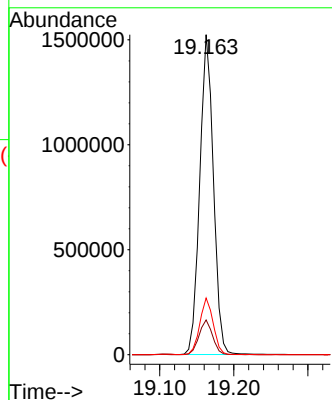
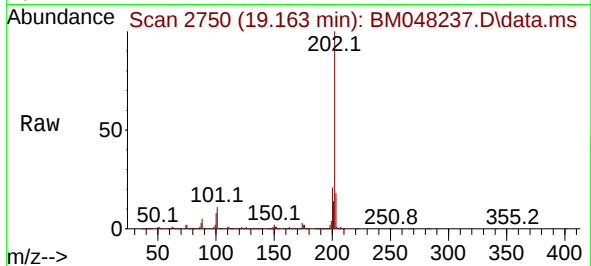




#75
Fluoranthene
Concen: 46.354 ng
RT: 19.163 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM048237.D
Acq: 25 Oct 2024 15:42

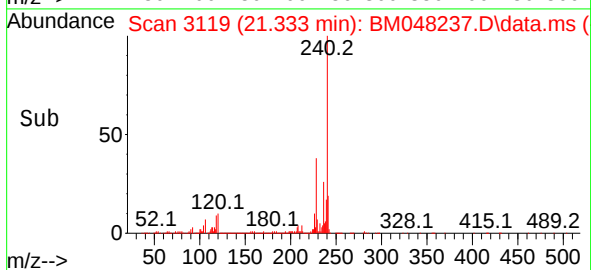
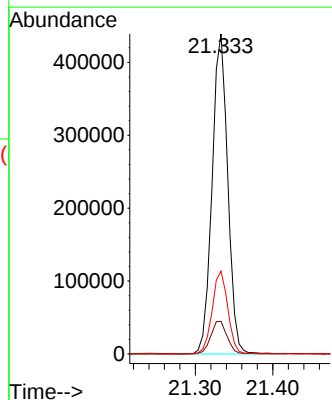
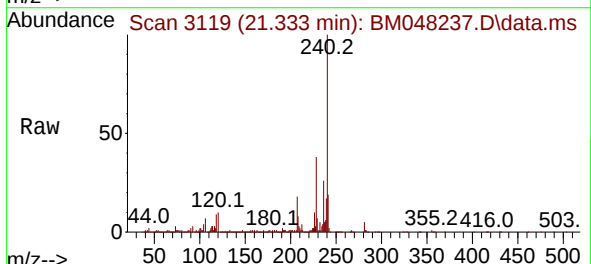
Instrument :
BNA_M
ClientSampleId :
PB164369BS

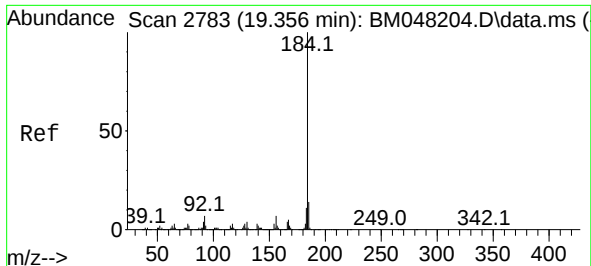
Tgt Ion:202 Resp: 1950971
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.0
203 17.7 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.333 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BM048237.D
Acq: 25 Oct 2024 15:42

Tgt Ion:240 Resp: 616038
Ion Ratio Lower Upper
240 100
120 10.2 8.6 13.0
236 25.9 20.7 31.1

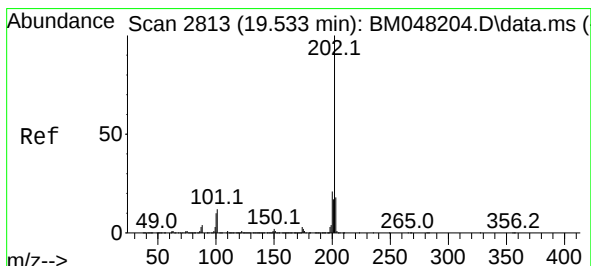
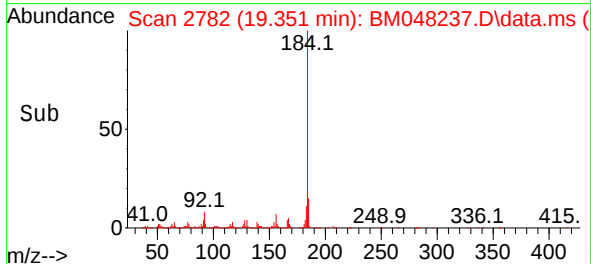
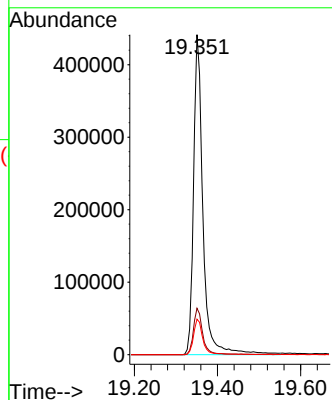
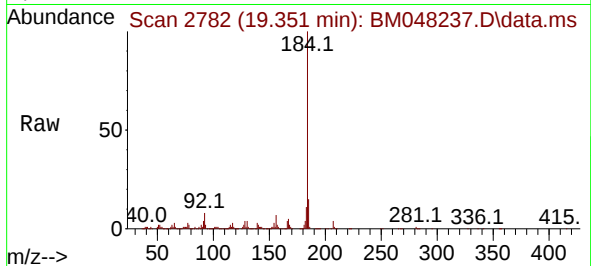




#77
Benzidine
Concen: 97.505 ng
RT: 19.351 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM048237.D
Acq: 25 Oct 2024 15:42

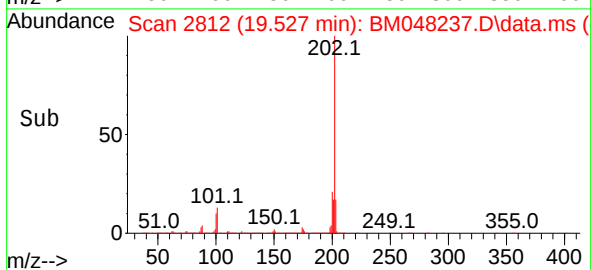
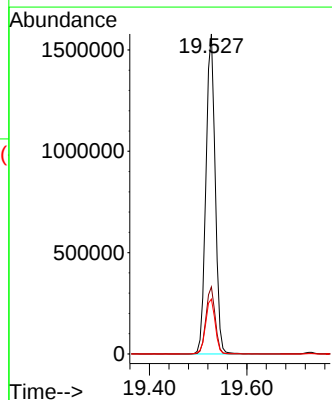
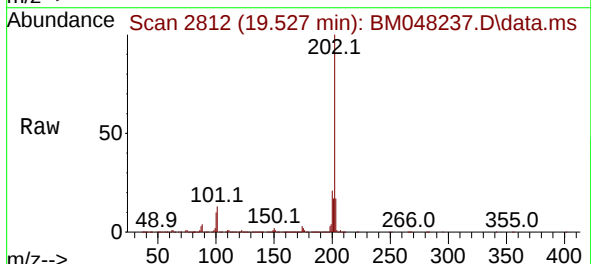
Instrument :
BNA_M
ClientSampleId :
PB164369BS

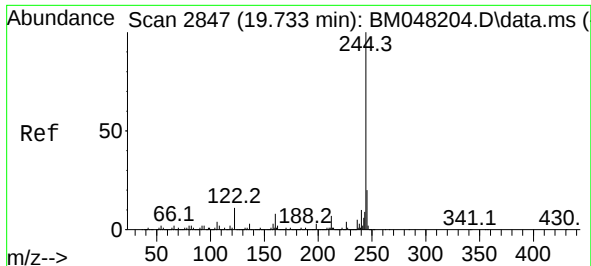
Tgt Ion:184 Resp: 693232
Ion Ratio Lower Upper
184 100
185 14.5 11.4 17.0
183 11.1 9.0 13.4



#78
Pyrene
Concen: 50.355 ng
RT: 19.527 min Scan# 2812
Delta R.T. -0.006 min
Lab File: BM048237.D
Acq: 25 Oct 2024 15:42

Tgt Ion:202 Resp: 2076321
Ion Ratio Lower Upper
202 100
200 21.0 16.9 25.3
203 17.1 14.1 21.1

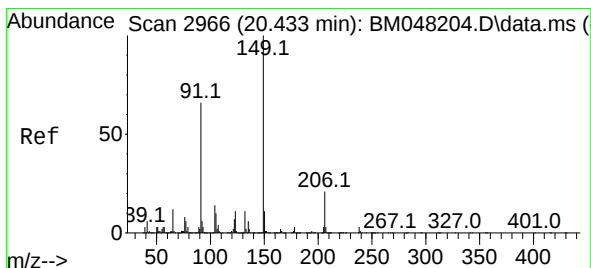
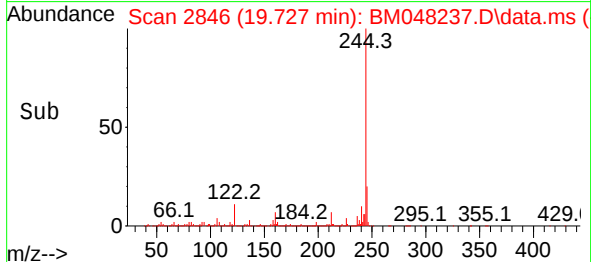
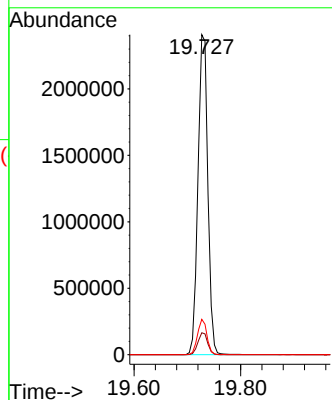
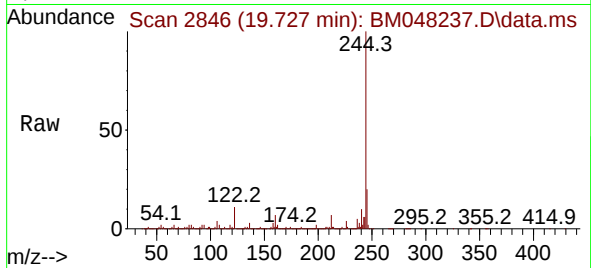




#79
 Terphenyl-d14
 Concen: 102.629 ng
 RT: 19.727 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM048237.D
 Acq: 25 Oct 2024 15:42

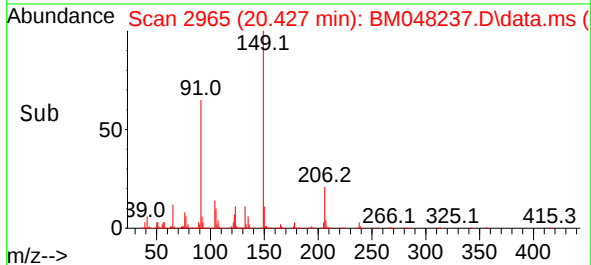
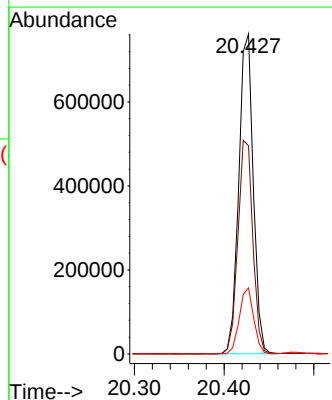
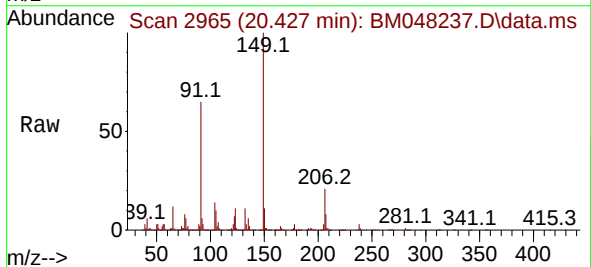
Instrument :
 BNA_M
 ClientSampleId :
 PB164369BS

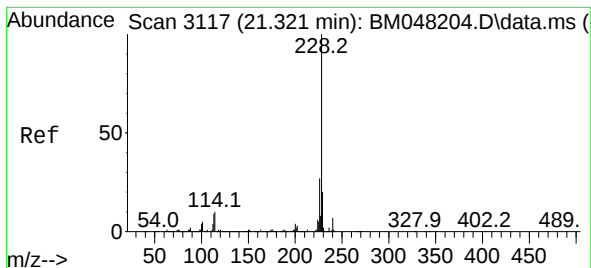
Tgt Ion:244 Resp: 3098083
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 11.1 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 49.543 ng
 RT: 20.427 min Scan# 2965
 Delta R.T. -0.006 min
 Lab File: BM048237.D
 Acq: 25 Oct 2024 15:42

Tgt Ion:149 Resp: 854251
 Ion Ratio Lower Upper
 149 100
 91 65.0 52.5 78.7
 206 20.7 17.0 25.6





#81

Benzo(a)anthracene

Concen: 50.313 ng

RT: 21.315 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BM048237.D

Acq: 25 Oct 2024 15:42

Instrument :

BNA_M

ClientSampleId :

PB164369BS

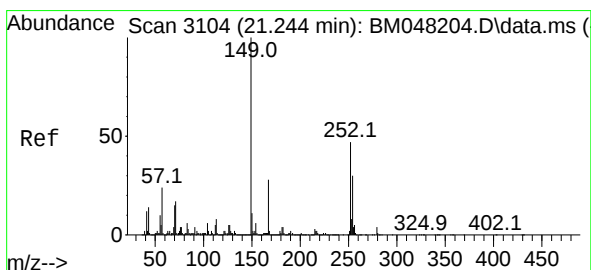
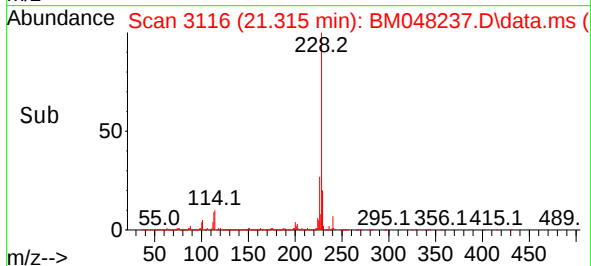
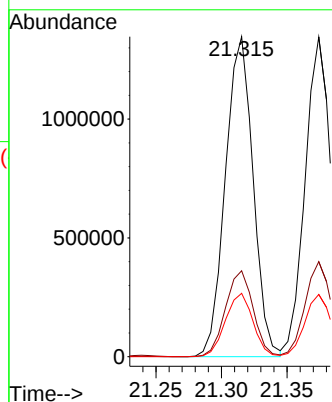
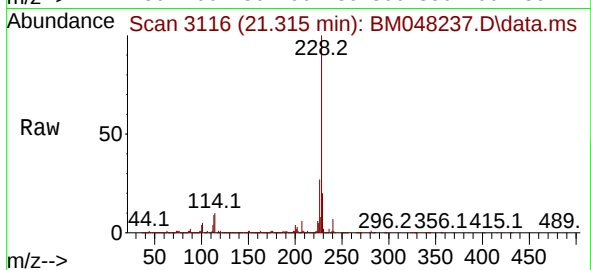
Tgt Ion:228 Resp: 1980643

Ion Ratio Lower Upper

228 100

226 26.8 21.5 32.3

229 19.8 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 37.319 ng

RT: 21.239 min Scan# 3103

Delta R.T. -0.006 min

Lab File: BM048237.D

Acq: 25 Oct 2024 15:42

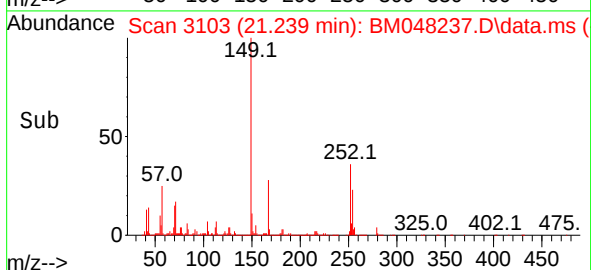
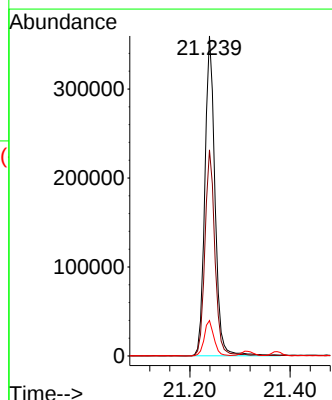
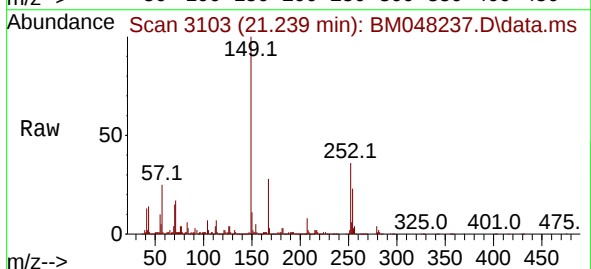
Tgt Ion:252 Resp: 503215

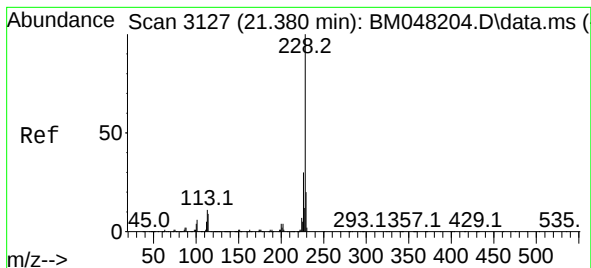
Ion Ratio Lower Upper

252 100

254 64.4 51.8 77.8

126 11.0 8.8 13.2





#83

Chrysene

Concen: 50.015 ng

RT: 21.374 min Scan# 3127

Delta R.T. -0.006 min

Lab File: BM048237.D

Acq: 25 Oct 2024 15:42

Instrument :

BNA_M

ClientSampleId :

PB164369BS

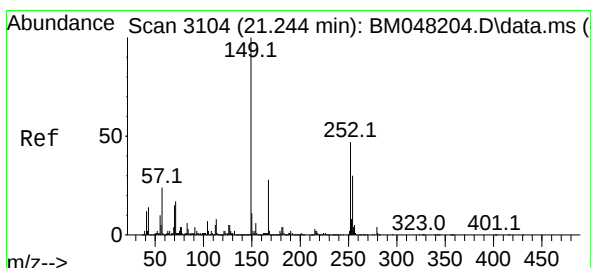
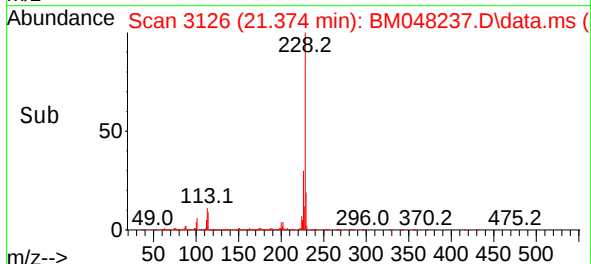
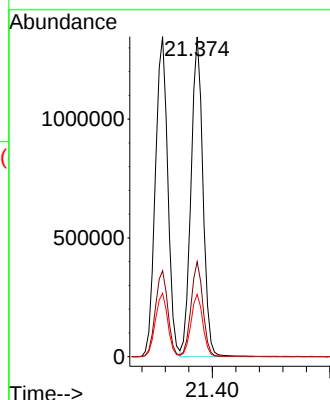
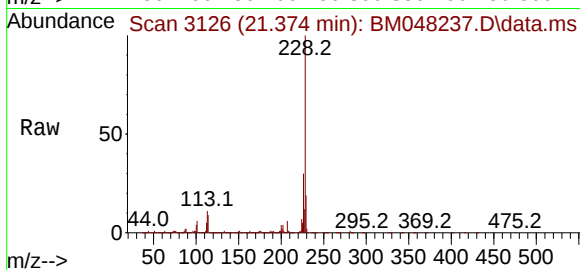
Tgt Ion:228 Resp: 1889892

Ion Ratio Lower Upper

228 100

226 29.7 23.5 35.3

229 19.5 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.421 ng

RT: 21.239 min Scan# 3103

Delta R.T. -0.006 min

Lab File: BM048237.D

Acq: 25 Oct 2024 15:42

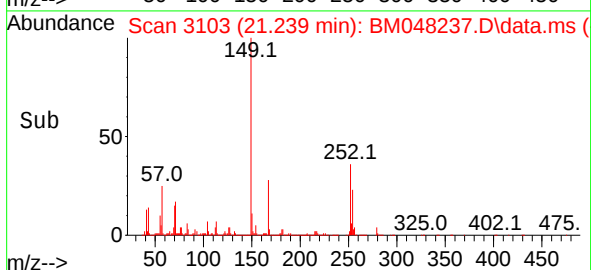
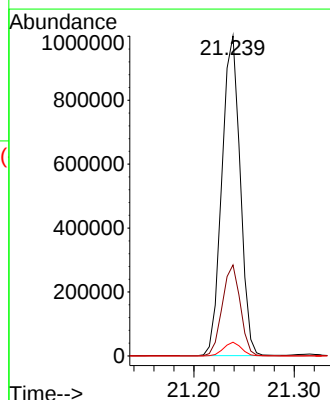
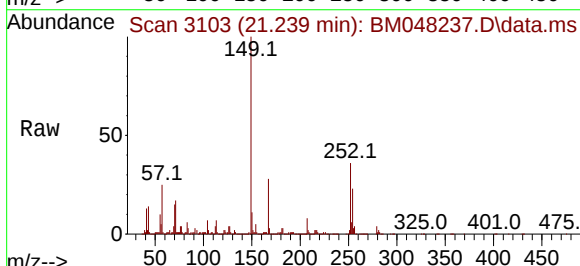
Tgt Ion:149 Resp: 1263594

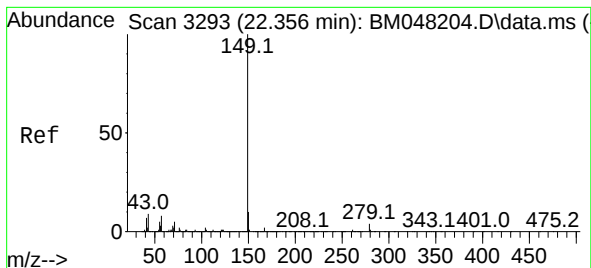
Ion Ratio Lower Upper

149 100

167 28.4 22.5 33.7

279 4.3 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 49.521 ng

RT: 22.351 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM048237.D

Acq: 25 Oct 2024 15:42

Instrument :

BNA_M

ClientSampleId :

PB164369BS

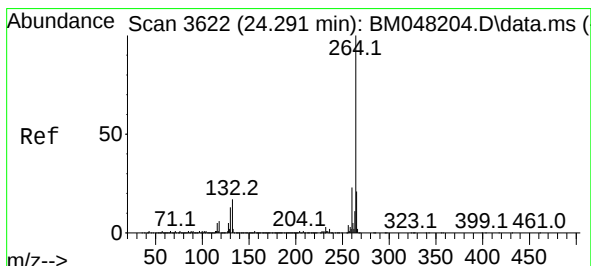
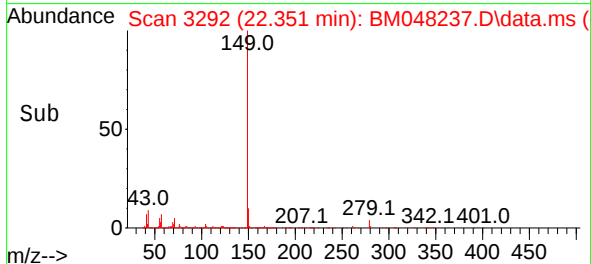
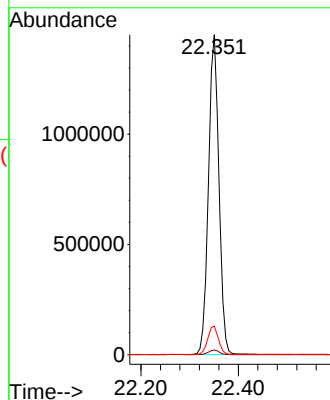
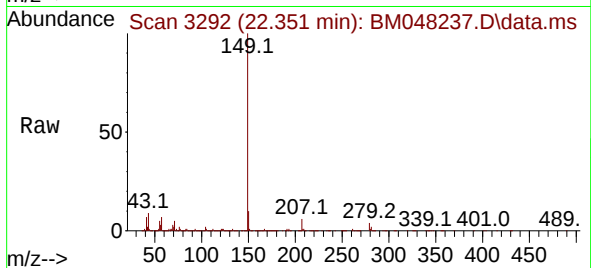
Tgt Ion:149 Resp: 2149398

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 9.1 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: BM048237.D

Acq: 25 Oct 2024 15:42

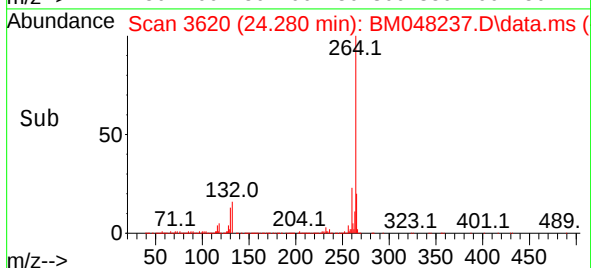
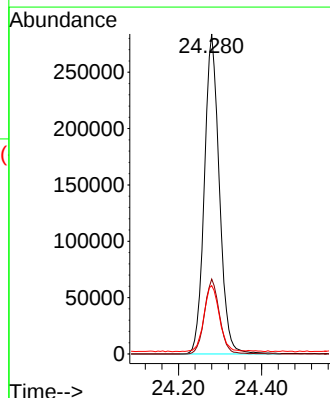
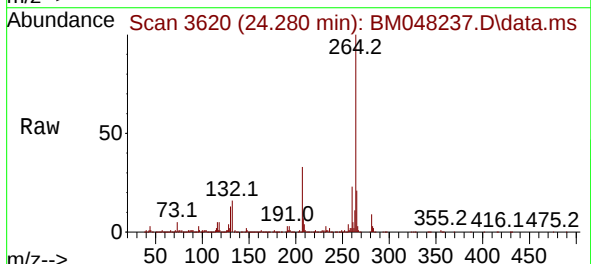
Tgt Ion:264 Resp: 708876

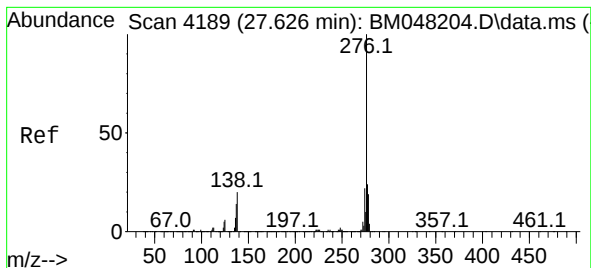
Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 21.3 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 55.712 ng

RT: 27.609 min Scan# 41

Delta R.T. -0.017 min

Lab File: BM048237.D

Acq: 25 Oct 2024 15:42

Instrument :

BNA_M

ClientSampleId :

PB164369BS

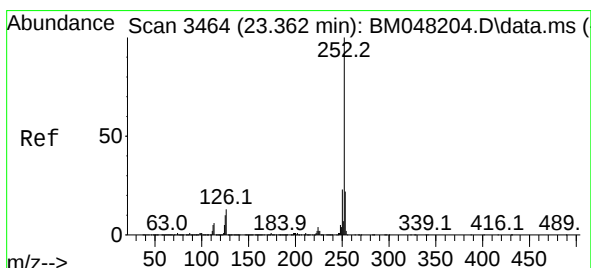
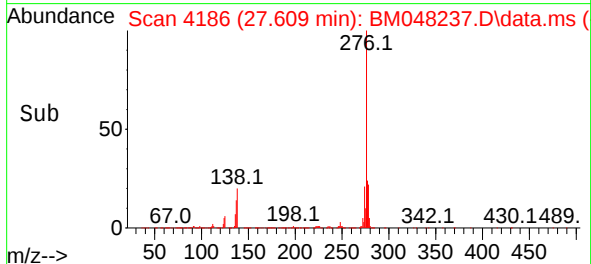
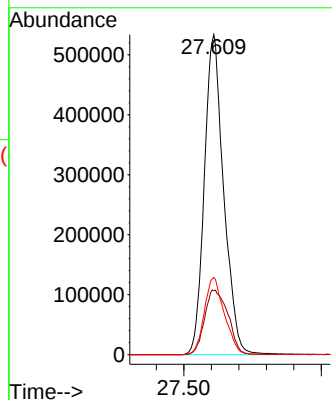
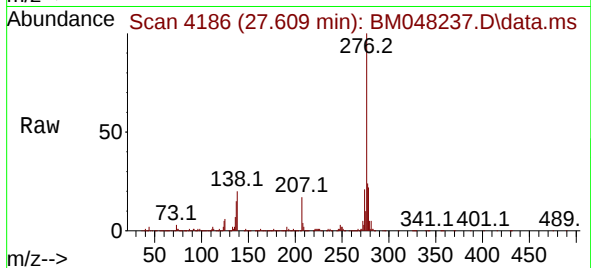
Tgt Ion:276 Resp: 2611543

Ion Ratio Lower Upper

276 100

138 24.5 19.8 29.6

277 25.0 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 49.418 ng

RT: 23.350 min Scan# 3462

Delta R.T. -0.011 min

Lab File: BM048237.D

Acq: 25 Oct 2024 15:42

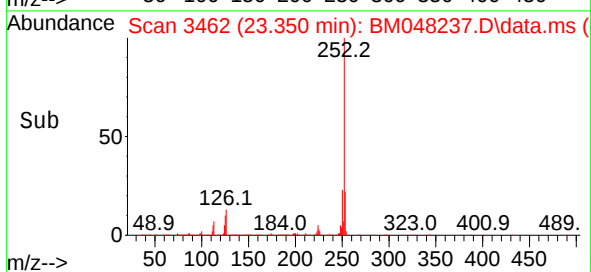
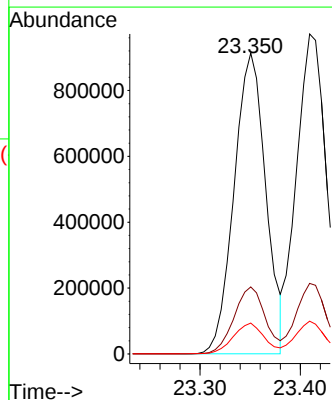
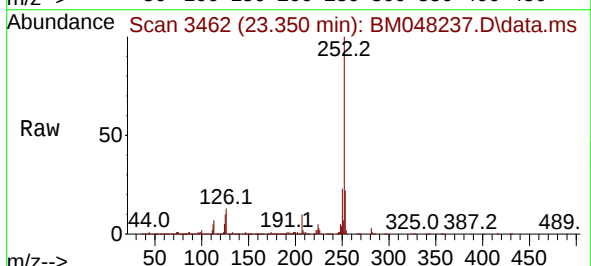
Tgt Ion:252 Resp: 2008564

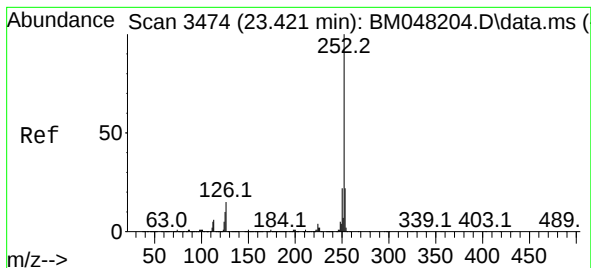
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

125 10.2 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 51.792 ng

RT: 23.409 min Scan# 3474

Delta R.T. -0.011 min

Lab File: BM048237.D

Acq: 25 Oct 2024 15:42

Instrument :

BNA_M

ClientSampleId :

PB164369BS

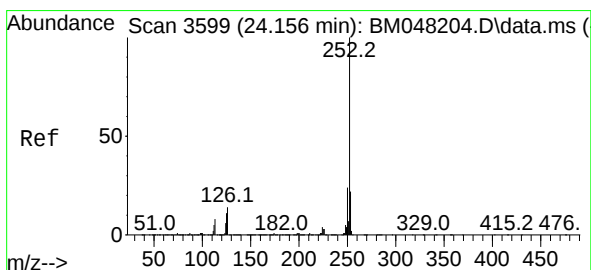
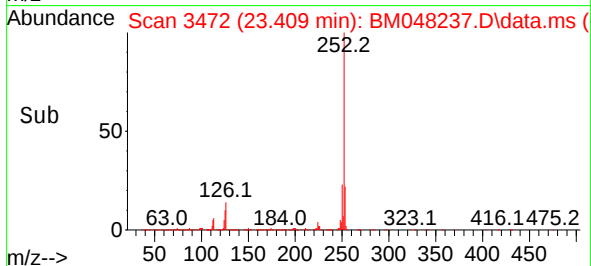
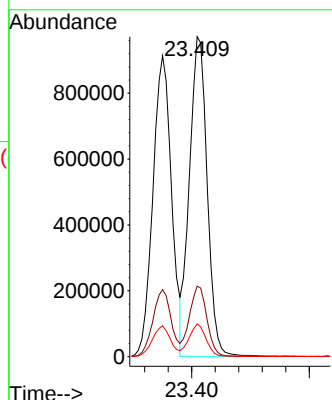
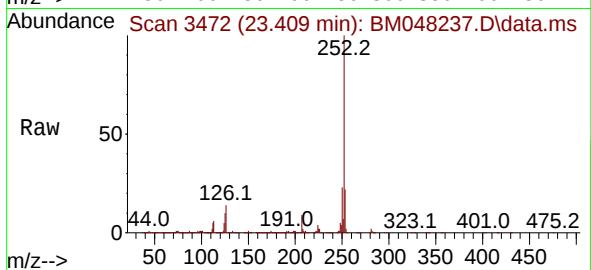
Tgt Ion:252 Resp: 2035238

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 10.3 7.8 11.6



#90

Benzo(a)pyrene

Concen: 54.952 ng

RT: 24.145 min Scan# 3597

Delta R.T. -0.011 min

Lab File: BM048237.D

Acq: 25 Oct 2024 15:42

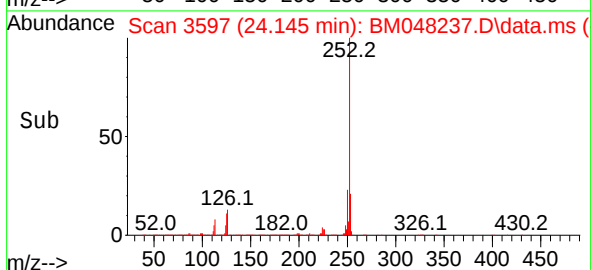
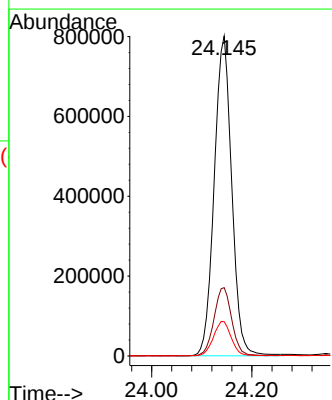
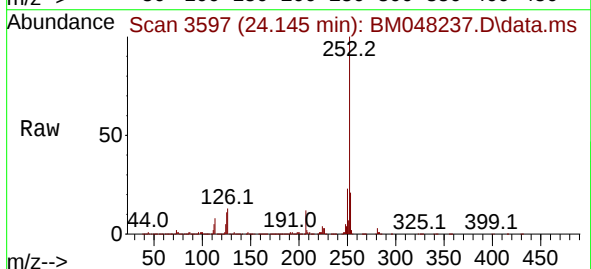
Tgt Ion:252 Resp: 1941733

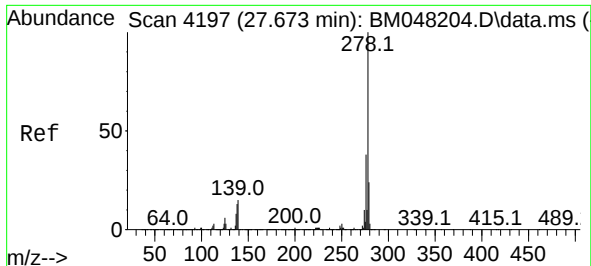
Ion Ratio Lower Upper

252 100

253 21.3 17.3 25.9

125 10.7 8.8 13.2

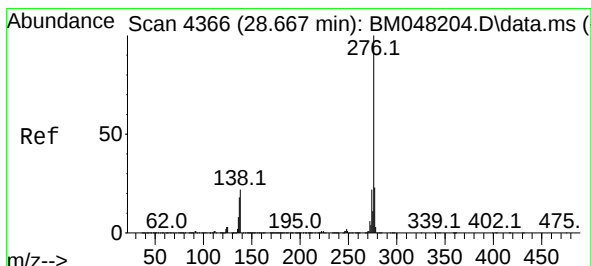
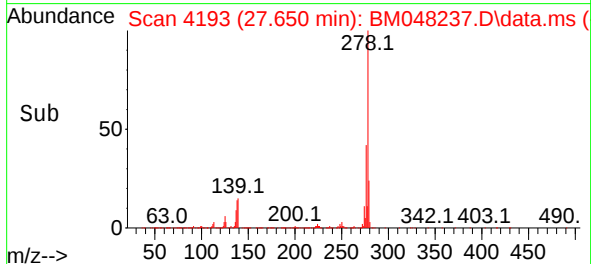
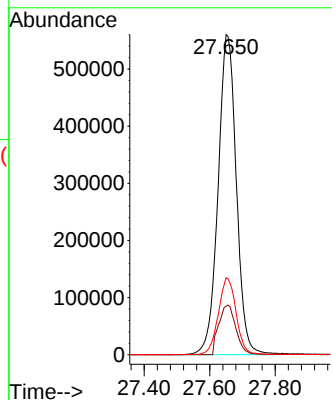
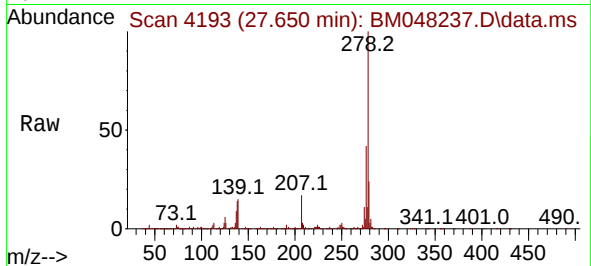




#91
Dibenzo(a,h)anthracene
Concen: 55.388 ng
RT: 27.650 min Scan# 4193
Delta R.T. -0.023 min
Lab File: BM048237.D
Acq: 25 Oct 2024 15:42

Instrument :
BNA_M
ClientSampleId :
PB164369BS

Tgt Ion:278 Resp: 2162109
Ion Ratio Lower Upper
278 100
139 15.1 12.2 18.4
279 24.1 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 50.501 ng
RT: 28.644 min Scan# 4362
Delta R.T. -0.023 min
Lab File: BM048237.D
Acq: 25 Oct 2024 15:42

Tgt Ion:276 Resp: 2018651
Ion Ratio Lower Upper
276 100
277 23.7 18.5 27.7
138 20.2 17.5 26.3

