

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031325\
 Data File : BM049712.D
 Acq On : 13 Mar 2025 12:58
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 13 14:43:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:27:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	315799	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	1024759	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	618823	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	1169651	20.000	ng	0.00
76) Chrysene-d12	21.427	240	1173482	20.000	ng	0.00
86) Perylene-d12	24.438	264	1084370	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	2416717	129.126	ng	0.00
7) Phenol-d6	6.981	99	2994230	127.482	ng	0.00
23) Nitrobenzene-d5	8.963	82	2583706	129.447	ng	0.00
42) 2,4,6-Tribromophenol	15.933	330	1073944	148.622	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	6475865	131.059	ng	0.00
79) Terphenyl-d14	19.809	244	9673323	138.909	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.287	88	500669	61.795	ng	99
3) Pyridine	3.687	79	1042114	50.301	ng	99
4) n-Nitrosodimethylamine	3.593	42	568214	62.064	ng	99
6) Aniline	7.140	93	1180576	59.996	ng	99
8) 2-Chlorophenol	7.375	128	1161936	62.692	ng	99
9) Benzaldehyde	6.945	77	582373	50.156	ng	99
10) Phenol	7.010	94	1429401	62.763	ng	98
11) bis(2-Chloroethyl)ether	7.234	93	1137868	61.698	ng	99
12) 1,3-Dichlorobenzene	7.698	146	1393806	61.881	ng	99
13) 1,4-Dichlorobenzene	7.845	146	1404557	61.813	ng	99
14) 1,2-Dichlorobenzene	8.163	146	1324220	61.320	ng	98
15) Benzyl Alcohol	8.045	79	944038	64.048	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.345	45	1292162	59.613	ng	100
17) 2-Methylphenol	8.257	107	851393	62.967	ng	99
18) Hexachloroethane	8.892	117	493239	61.468	ng	93
19) n-Nitroso-di-n-propyla...	8.616	70	865717	63.565	ng	99
20) 3+4-Methylphenols	8.581	107	1147270	63.315	ng	98
22) Acetophenone	8.628	105	1686019	63.809	ng	# 99
24) Nitrobenzene	9.004	77	1197256	63.615	ng	99
25) Isophorone	9.533	82	1988098	64.875	ng	99
26) 2-Nitrophenol	9.716	139	556011	69.411	ng	100
27) 2,4-Dimethylphenol	9.781	122	669470	65.658	ng	97
28) bis(2-Chloroethoxy)met...	10.016	93	1353615	62.714	ng	100
29) 2,4-Dichlorophenol	10.257	162	1085297	65.322	ng	98
30) 1,2,4-Trichlorobenzene	10.469	180	1314305	63.227	ng	99
31) Naphthalene	10.651	128	3372239	63.997	ng	100
32) Benzoic acid	9.933	122	611385	70.482	ng	98
33) 4-Chloroaniline	10.763	127	1140961	63.446	ng	99
34) Hexachlorobutadiene	10.945	225	820160	63.912	ng	98
35) Caprolactam	11.551	113	267177	69.264	ng	98
36) 4-Chloro-3-methylphenol	11.892	107	952831	66.827	ng	99
37) 2-Methylnaphthalene	12.269	142	2360362	64.061	ng	100
38) 1-Methylnaphthalene	12.486	142	2278919	64.106	ng	99
40) 1,2,4,5-Tetrachloroben...	12.639	216	1483366	65.259	ng	99
41) Hexachlorocyclopentadiene	12.622	237	557389	66.191	ng	97
43) 2,4,6-Trichlorophenol	12.880	196	863951	67.864	ng	98

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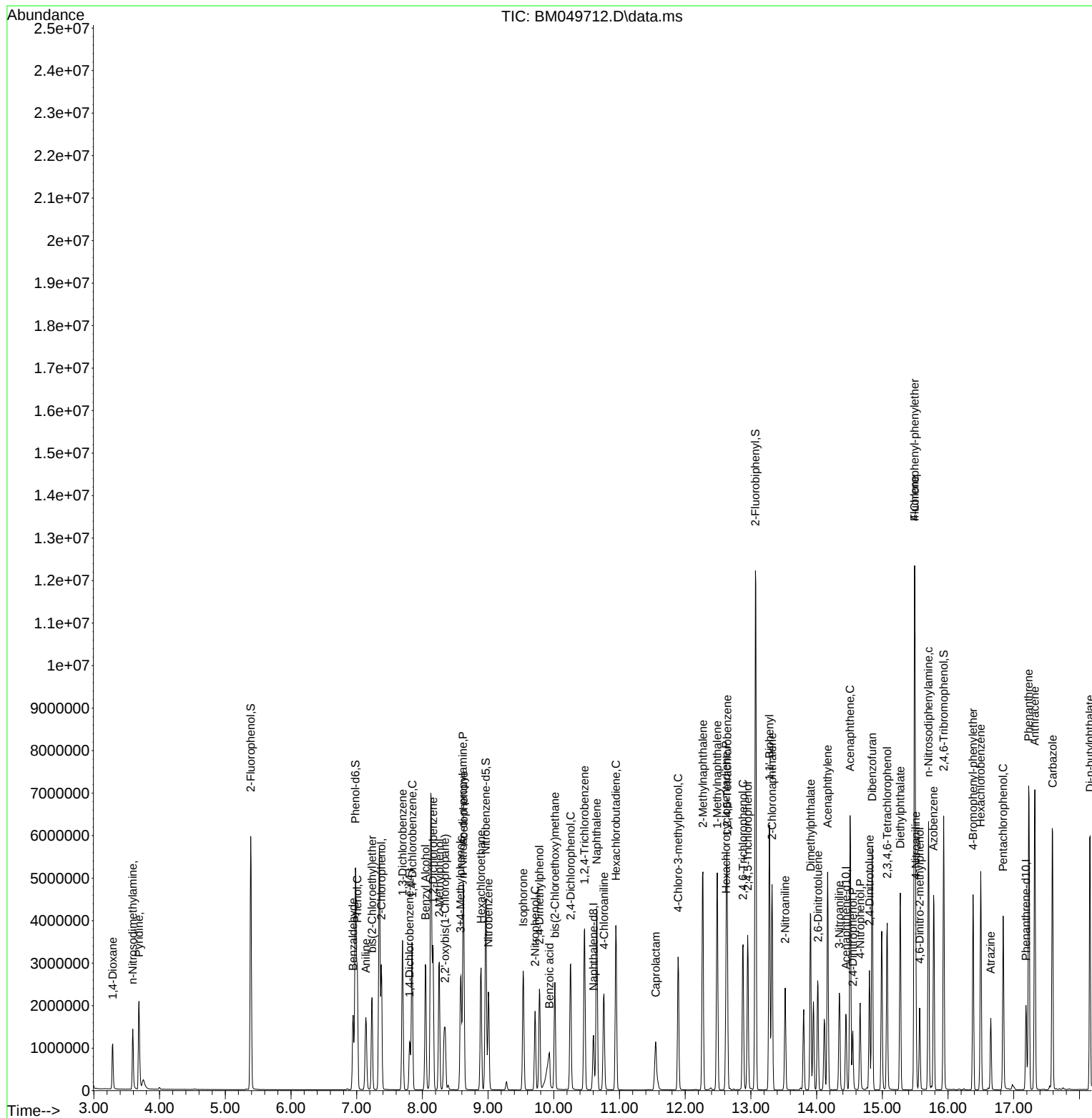
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.951	196	936029	67.377	ng	99
46) 1,1'-Biphenyl	13.280	154	3048618	63.921	ng	99
47) 2-Chloronaphthalene	13.321	162	2381008	64.138	ng	99
48) 2-Nitroaniline	13.521	65	578552	69.424	ng	99
49) Acenaphthylene	14.168	152	3384598	65.227	ng	99
50) Dimethylphthalate	13.910	163	2716983	63.771	ng	99
51) 2,6-Dinitrotoluene	14.021	165	563727	66.034	ng	95
52) Acenaphthene	14.510	154	2217160	65.221	ng	99
53) 3-Nitroaniline	14.345	138	556379	68.488	ng	98
54) 2,4-Dinitrophenol	14.551	184	295154	60.822	ng	97
55) Dibenzofuran	14.845	168	3632034	64.040	ng	99
56) 4-Nitrophenol	14.663	139	477486	67.524	ng	99
57) 2,4-Dinitrotoluene	14.804	165	763894	69.539	ng	99
58) Fluorene	15.492	166	3055405	66.168	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.074	232	777060	66.821	ng	100
60) Diethylphthalate	15.274	149	2576429	64.207	ng	99
61) 4-Chlorophenyl-phenyle...	15.492	204	1674356	66.402	ng	98
62) 4-Nitroaniline	15.510	138	598859	60.865	ng	97
63) Azobenzene	15.780	77	2482118	64.760	ng	100
65) 4,6-Dinitro-2-methylph...	15.568	198	417995	61.103	ng	96
66) n-Nitrosodiphenylamine	15.704	169	2302780	64.980	ng	100
67) 4-Bromophenyl-phenylether	16.380	248	881819	65.299	ng	99
68) Hexachlorobenzene	16.498	284	986543	64.964	ng	99
69) Atrazine	16.651	200	298973	38.281	ng	100
70) Pentachlorophenol	16.839	266	647404	67.839	ng	98
71) Phenanthrene	17.227	178	4268082	65.716	ng	100
72) Anthracene	17.321	178	4187832	66.580	ng	100
73) Carbazole	17.592	167	3826935	67.182	ng	99
74) Di-n-butylphthalate	18.162	149	4214218	67.499	ng	99
75) Fluoranthene	19.245	202	5199093	69.531	ng	100
77) Benzidine	19.427	184	771546	54.727	ng	99
78) Pyrene	19.609	202	5421531	66.127	ng	100
80) Butylbenzylphthalate	20.509	149	1729836	67.988	ng	100
81) Benzo(a)anthracene	21.409	228	5145212	65.644	ng	99
82) 3,3'-Dichlorobenzidine	21.333	252	1687314	66.120	ng	99
83) Chrysene	21.474	228	4892160	65.843	ng	100
84) Bis(2-ethylhexyl)phtha...	21.339	149	2633480	66.414	ng	99
85) Di-n-octyl phthalate	22.480	149	3977588	64.539	ng	99
87) Indeno(1,2,3-cd)pyrene	27.856	276	5301272	67.923	ng	100
88) Benzo(b)fluoranthene	23.491	252	4904977	67.158	ng	100
89) Benzo(k)fluoranthene	23.556	252	4810286	66.934	ng	99
90) Benzo(a)pyrene	24.303	252	4164433	67.883	ng	99
91) Dibenzo(a,h)anthracene	27.909	278	4403728	67.722	ng	99
92) Benzo(g,h,i)perylene	28.915	276	4374098	66.781	ng	99

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

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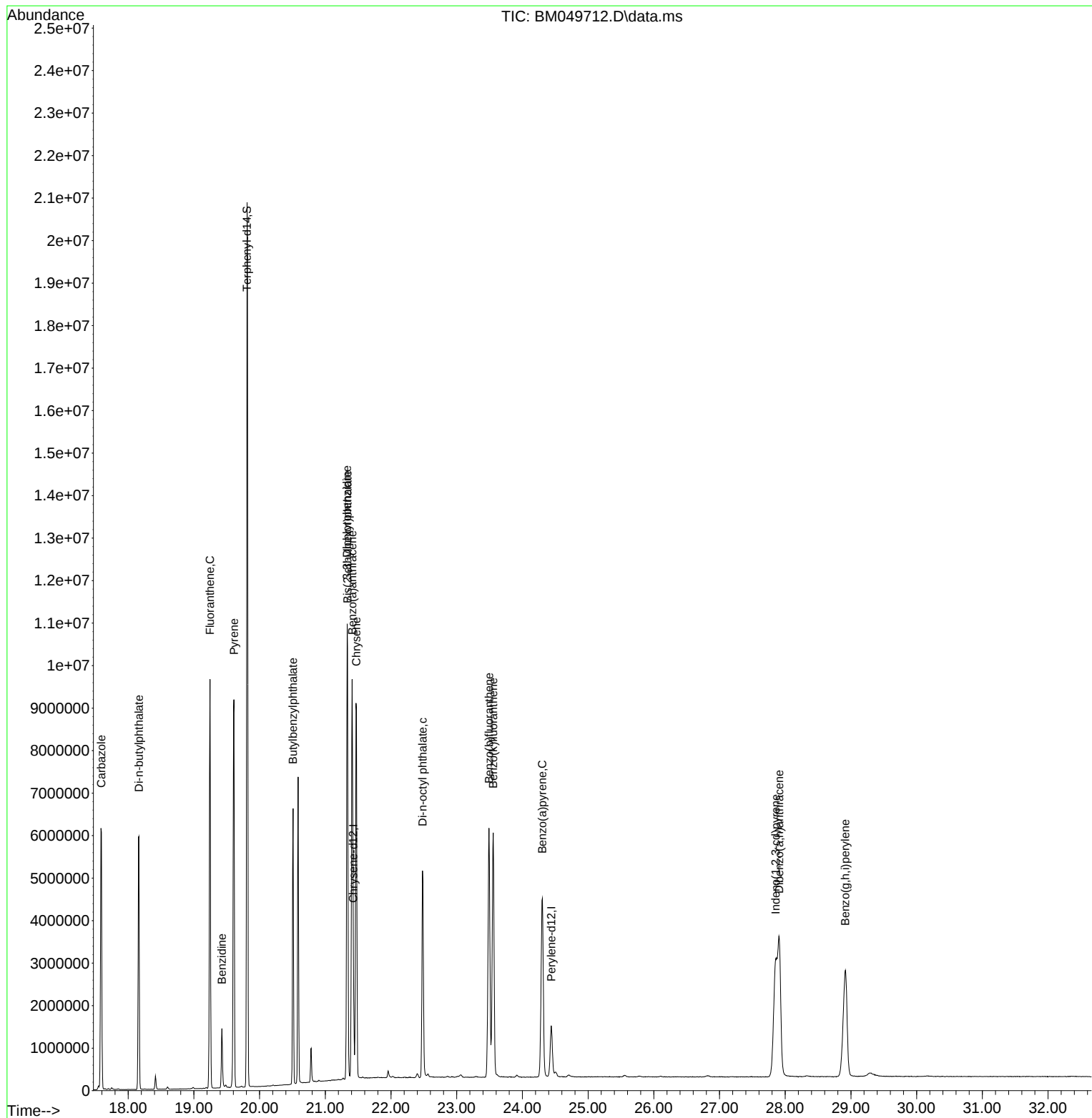
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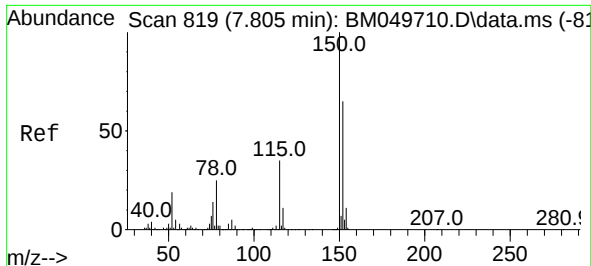


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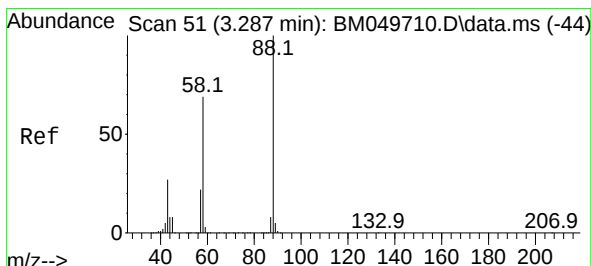
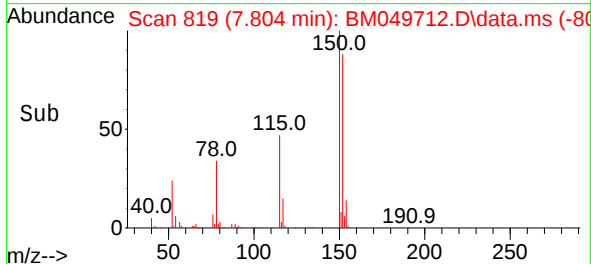
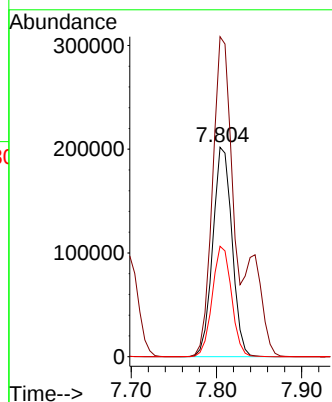
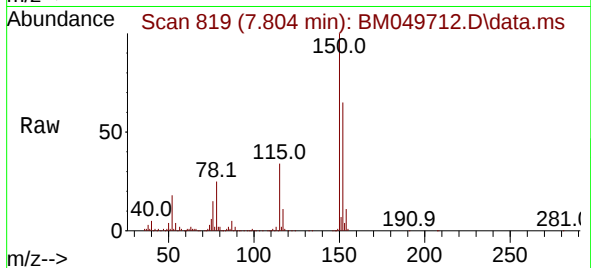




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.804 min Scan# 819
 Delta R.T. -0.001 min
 Lab File: BM049712.D
 Acq: 13 Mar 2025 12:58

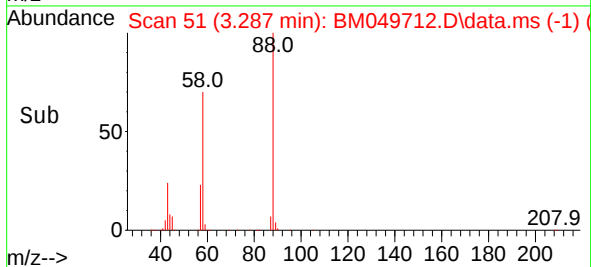
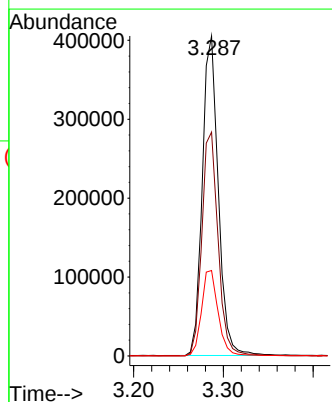
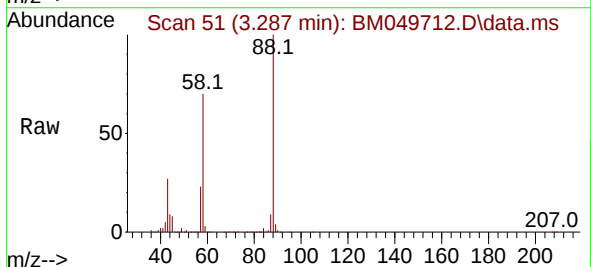
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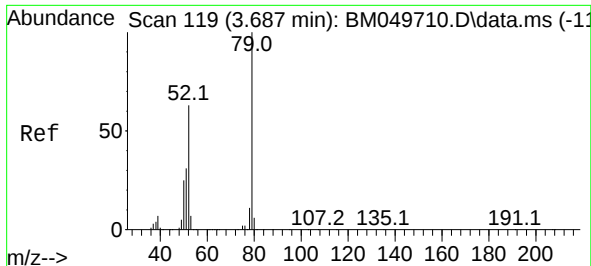
Tgt Ion:152 Resp: 315799
 Ion Ratio Lower Upper
 152 100
 150 152.8 123.8 185.8
 115 52.7 43.0 64.6



#2
 1,4-Dioxane
 Concen: 61.795 ng
 RT: 3.287 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: BM049712.D
 Acq: 13 Mar 2025 12:58

Tgt Ion: 88 Resp: 500669
 Ion Ratio Lower Upper
 88 100
 58 71.5 56.7 85.1
 43 27.9 22.6 34.0

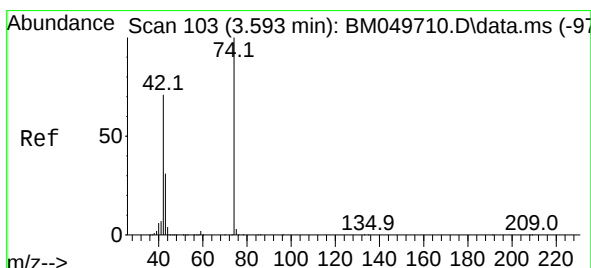
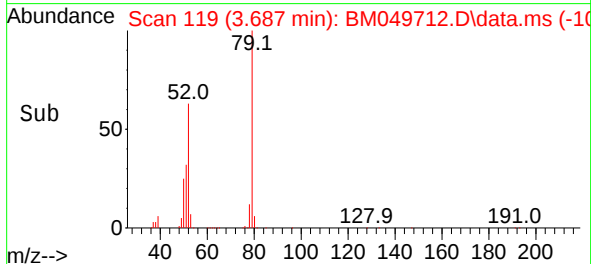
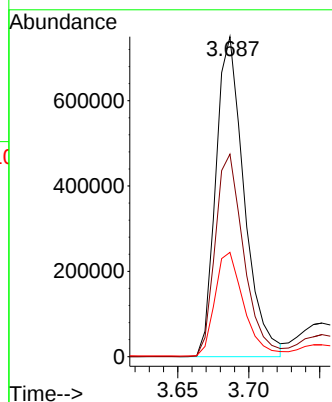
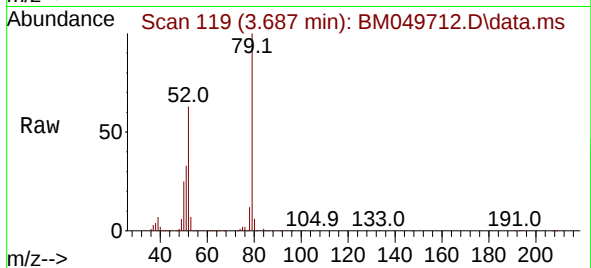




#3
Pyridine
Concen: 50.301 ng
RT: 3.687 min Scan# 119
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

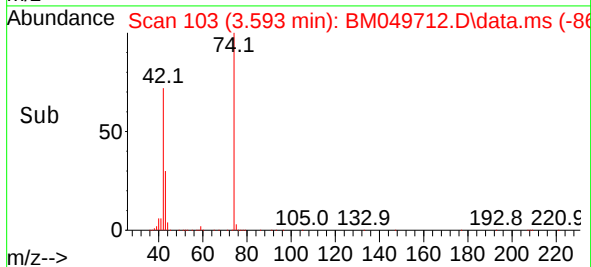
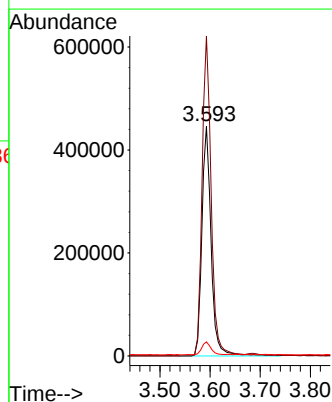
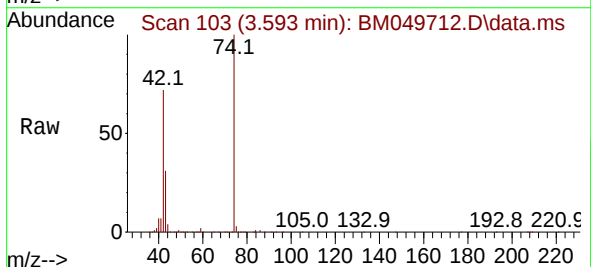
Instrument :
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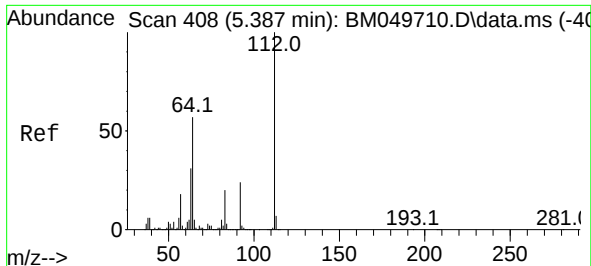
Tgt Ion: 79 Resp: 1042114
Ion Ratio Lower Upper
79 100
52 63.3 50.1 75.1
51 32.6 25.2 37.8



#4
n-Nitrosodimethylamine
Concen: 62.064 ng
RT: 3.593 min Scan# 103
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

Tgt Ion: 42 Resp: 568214
Ion Ratio Lower Upper
42 100
74 139.3 112.6 168.8
44 6.1 5.0 7.6

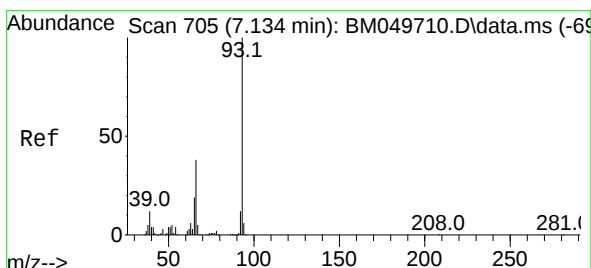
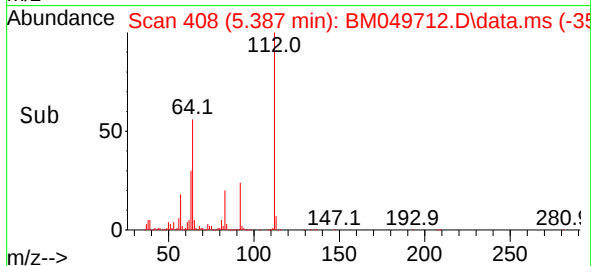
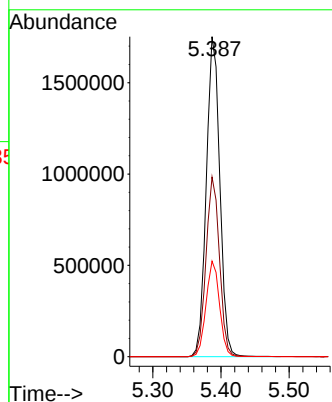
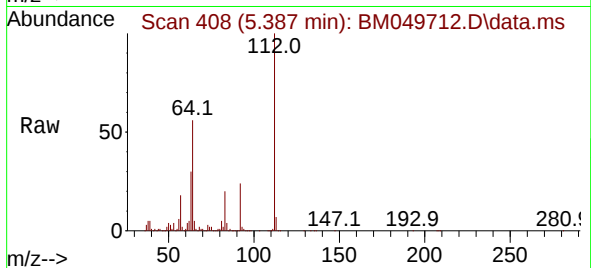




#5
2-Fluorophenol
Concen: 129.126 ng
RT: 5.387 min Scan# 408
Delta R.T. -0.000 min
Lab File: BM049712.D
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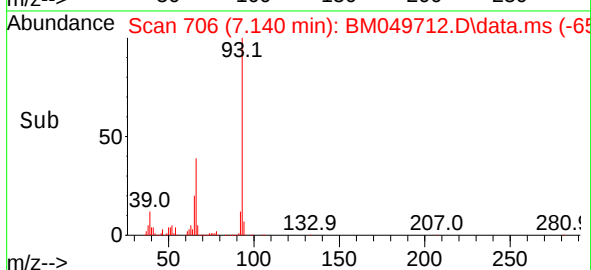
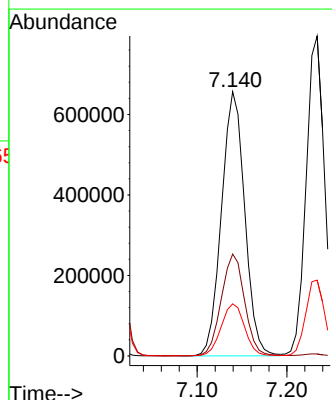
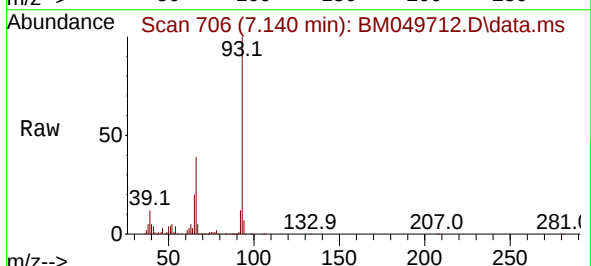
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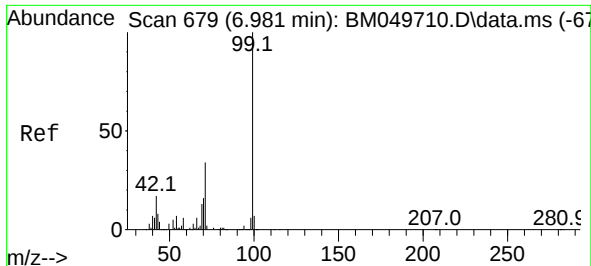
Tgt Ion:112 Resp: 2416717
Ion Ratio Lower Upper
112 100
64 56.1 45.3 67.9
63 29.9 24.4 36.6



#6
Aniline
Concen: 59.996 ng
RT: 7.140 min Scan# 706
Delta R.T. 0.005 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

Tgt Ion: 93 Resp: 1180576
Ion Ratio Lower Upper
93 100
66 38.6 30.6 46.0
65 19.8 15.4 23.2

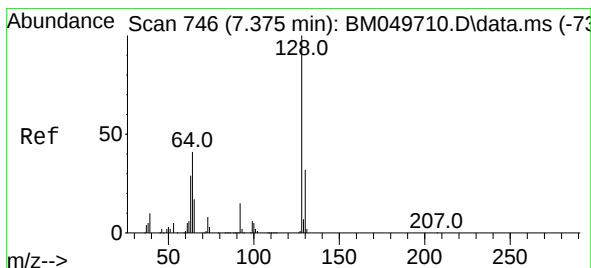
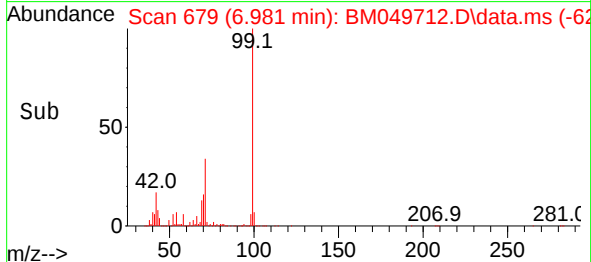
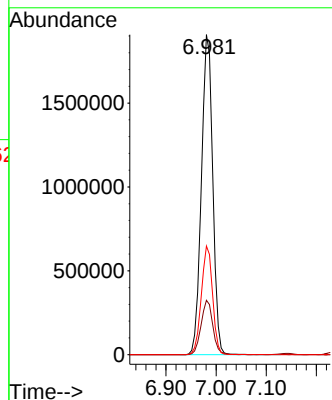
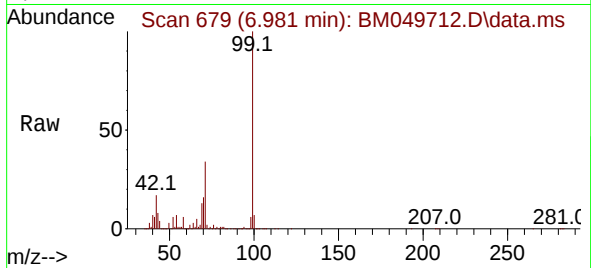




#7
Phenol-d6
Concen: 127.482 ng
RT: 6.981 min Scan# 679
Delta R.T. -0.000 min
Lab File: BM049712.D
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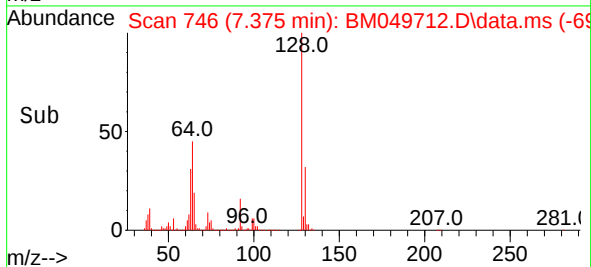
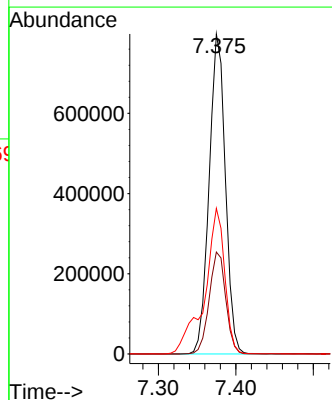
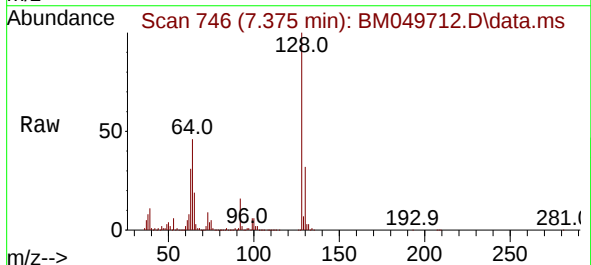
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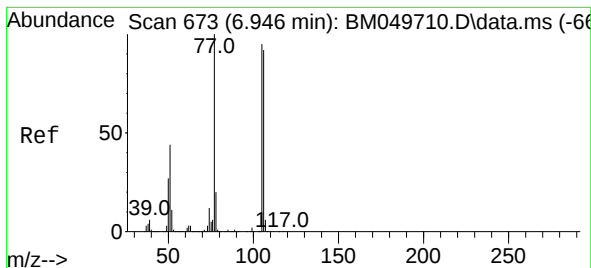
Tgt Ion: 99 Resp: 2994230
Ion Ratio Lower Upper
99 100
42 17.0 13.6 20.4
71 34.0 27.0 40.6



#8
2-Chlorophenol
Concen: 62.692 ng
RT: 7.375 min Scan# 746
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

Tgt Ion:128 Resp: 1161936
Ion Ratio Lower Upper
128 100
130 31.8 12.5 52.5
64 45.5 24.9 64.9





#9

Benzaldehyde

Concen: 50.156 ng

RT: 6.945 min Scan# 61

Delta R.T. -0.001 min

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Instrument :

BNA_M

ClientSampleId :

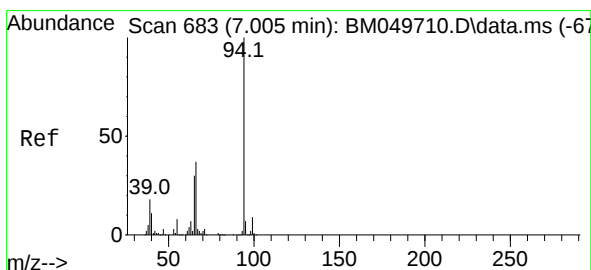
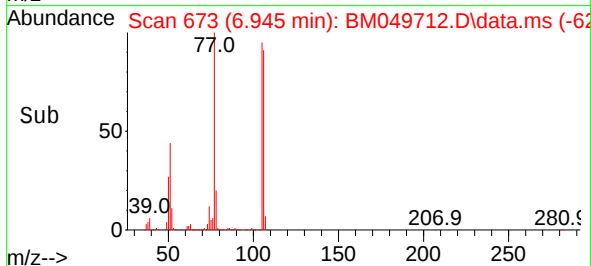
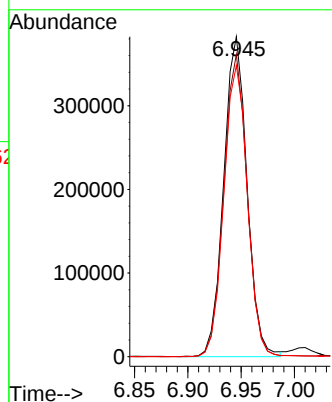
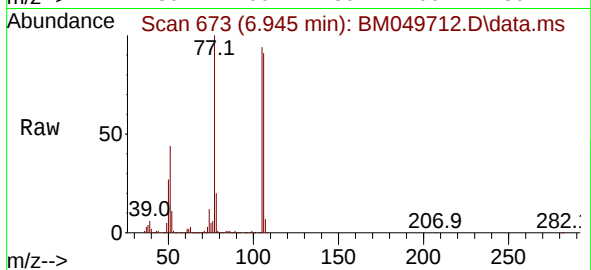
Tgt Ion: 77 Resp: 582373

Ion Ratio Lower Upper

77 100

105 94.5 75.0 115.0

106 91.0 72.3 112.3



#10

Phenol

Concen: 62.763 ng

RT: 7.010 min Scan# 684

Delta R.T. 0.005 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

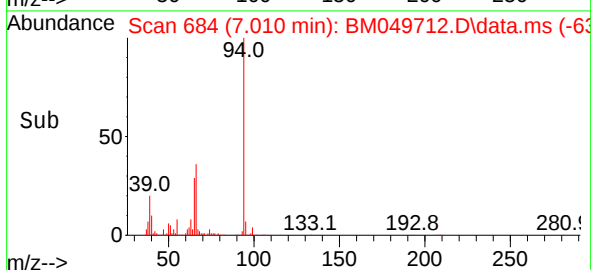
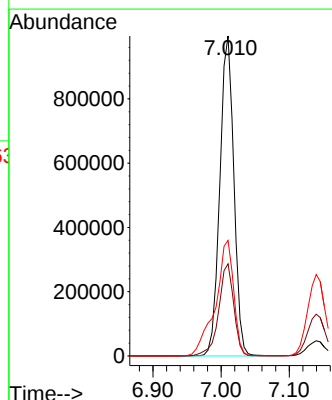
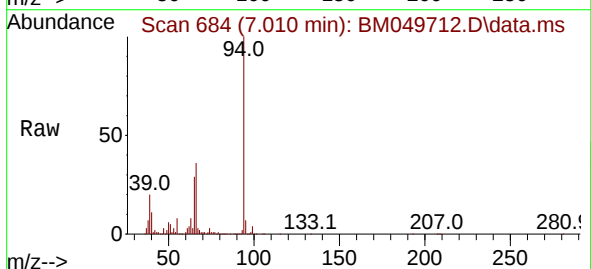
Tgt Ion: 94 Resp: 1429401

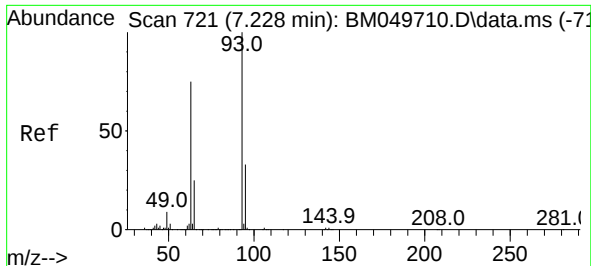
Ion Ratio Lower Upper

94 100

65 28.8 10.4 50.4

66 36.1 17.1 57.1

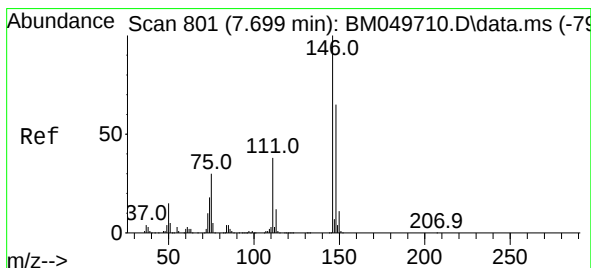
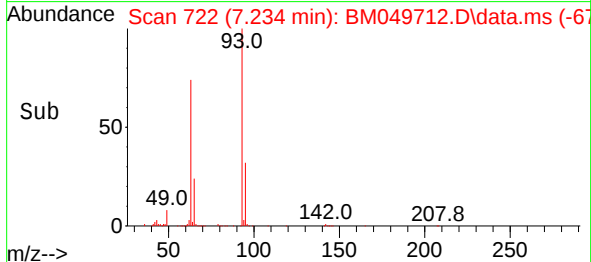
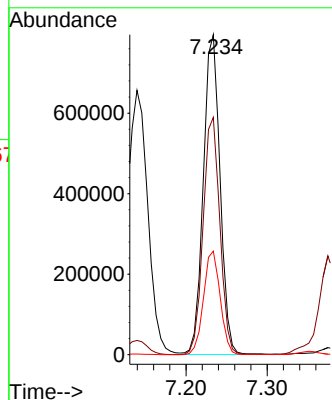
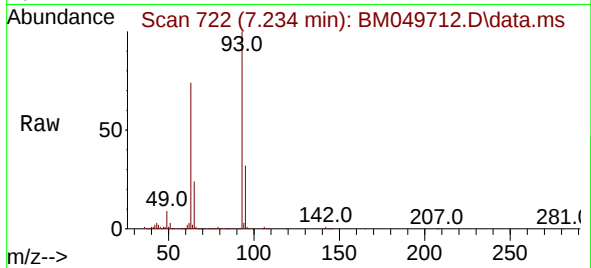




#11
bis(2-Chloroethyl)ether
Concen: 61.698 ng
RT: 7.234 min Scan# 721
Delta R.T. 0.005 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

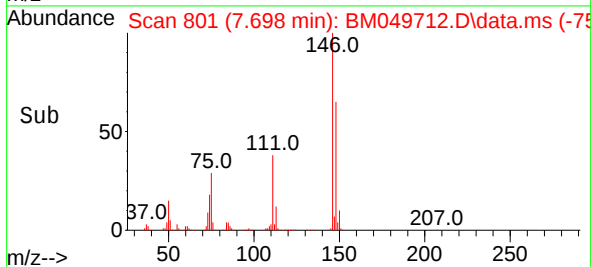
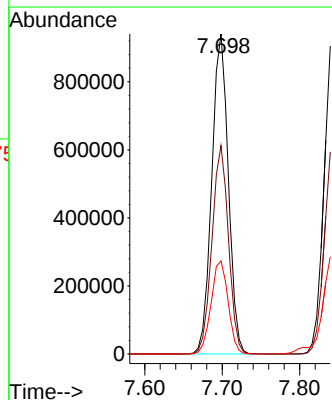
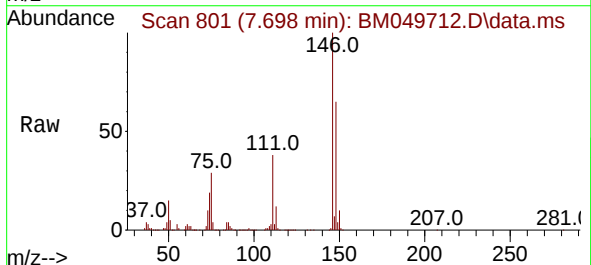
Instrument :
BNA_M
ClientSampleId :

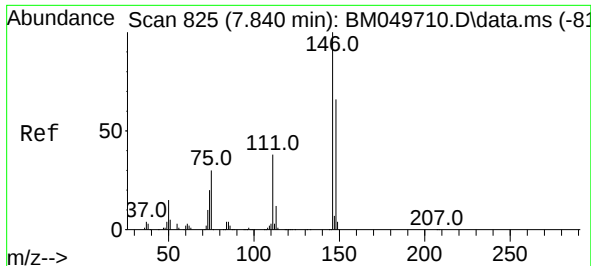
Tgt Ion: 93 Resp: 1137868
Ion Ratio Lower Upper
93 100
63 74.2 54.8 94.8
95 32.4 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 61.881 ng
RT: 7.698 min Scan# 801
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

Tgt Ion:146 Resp: 1393806
Ion Ratio Lower Upper
146 100
148 65.1 52.3 78.5
75 29.1 24.2 36.2

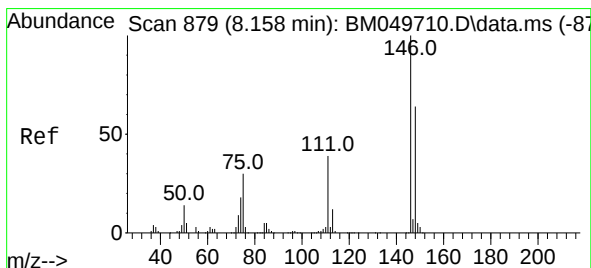
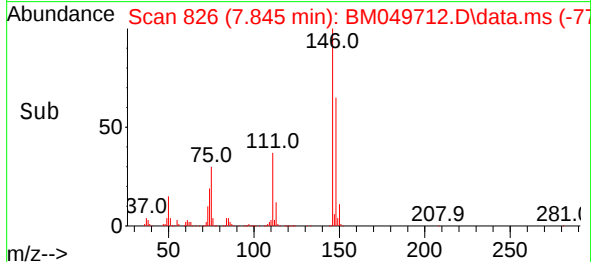
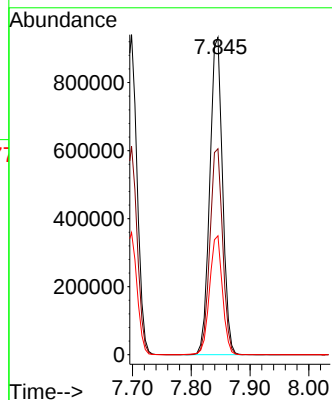
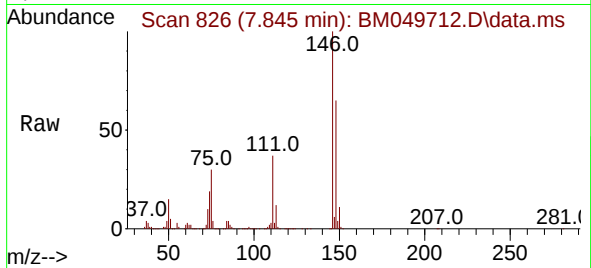




#13
1,4-Dichlorobenzene
Concen: 61.813 ng
RT: 7.845 min Scan# 81
Delta R.T. 0.005 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

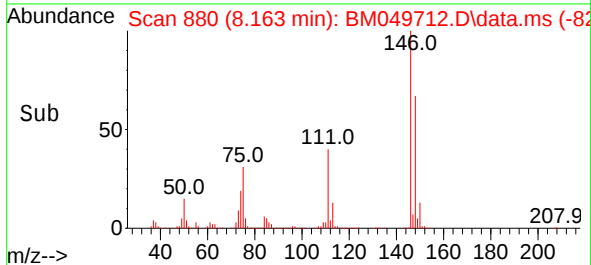
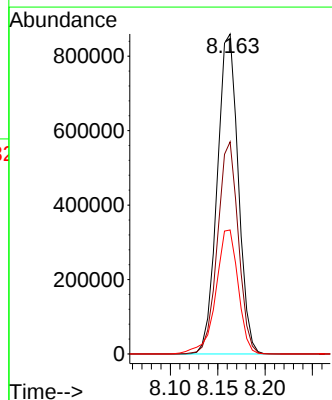
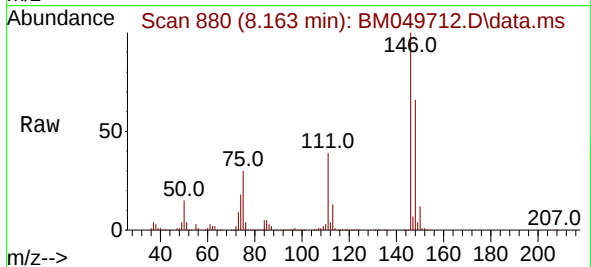
Instrument :
BNA_M
ClientSampleId :

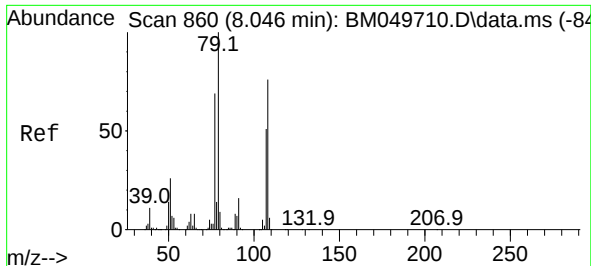
Tgt Ion:146 Resp: 1404557
Ion Ratio Lower Upper
146 100
148 64.9 52.6 79.0
111 37.4 30.8 46.2



#14
1,2-Dichlorobenzene
Concen: 61.320 ng
RT: 8.163 min Scan# 880
Delta R.T. 0.005 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

Tgt Ion:146 Resp: 1324220
Ion Ratio Lower Upper
146 100
148 66.3 50.9 76.3
111 38.8 31.0 46.6

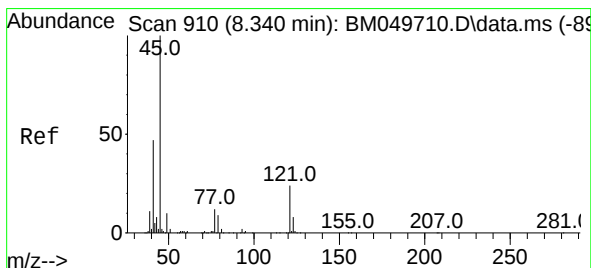
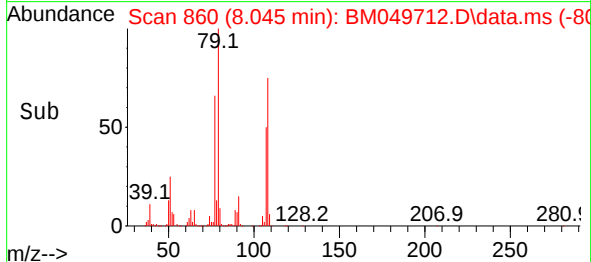
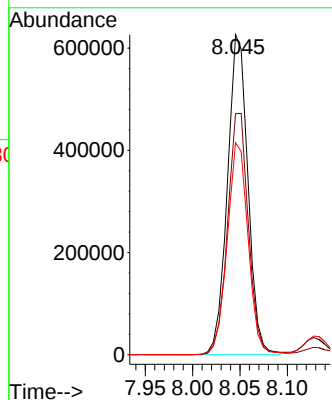
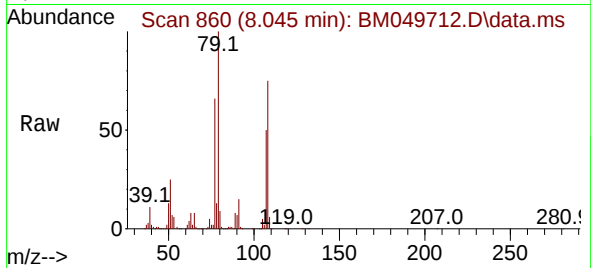




#15
Benzyl Alcohol
Concen: 64.048 ng
RT: 8.045 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

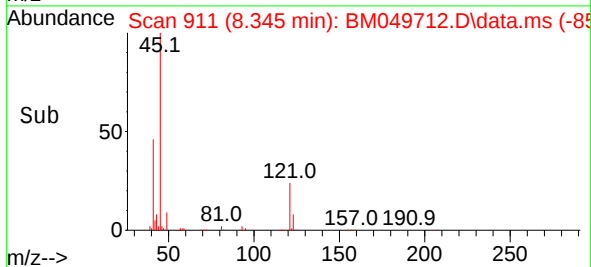
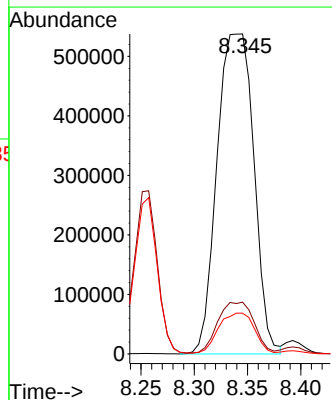
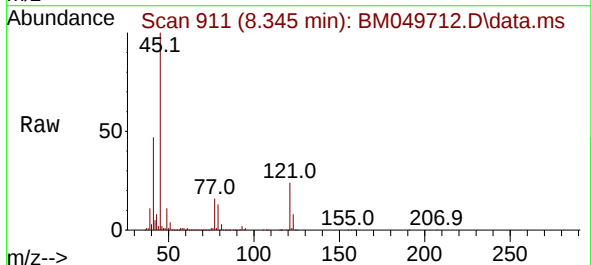
Instrument :
BNA_M
ClientSampleId :

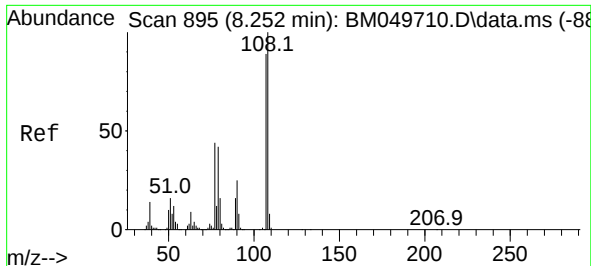
Tgt Ion: 79 Resp: 944038
Ion Ratio Lower Upper
79 100
108 75.3 60.7 91.1
77 66.3 55.4 83.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 59.613 ng
RT: 8.345 min Scan# 911
Delta R.T. 0.005 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

Tgt Ion: 45 Resp: 1292162
Ion Ratio Lower Upper
45 100
77 16.2 0.0 36.1
79 12.8 0.0 32.8



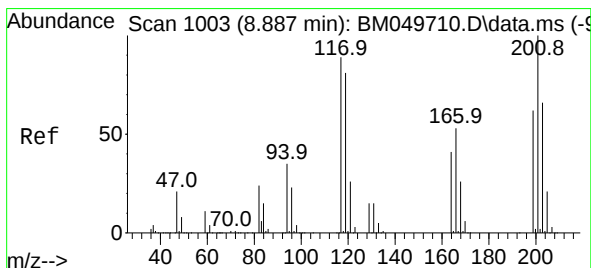
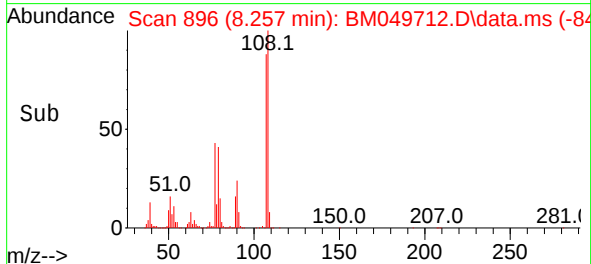
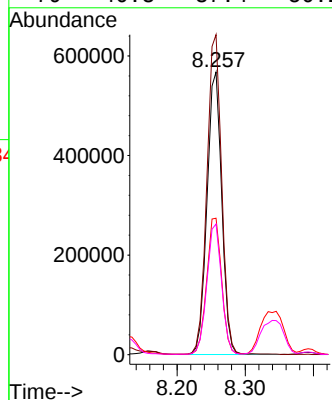
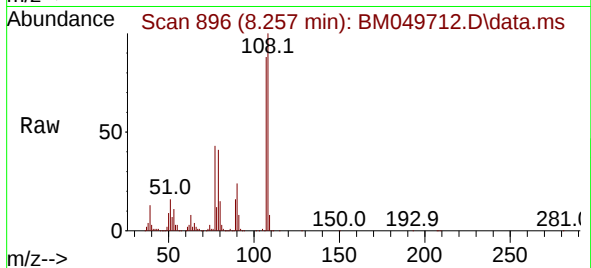


#17
2-Methylphenol
Concen: 62.967 ng
RT: 8.257 min Scan# 896
Delta R.T. 0.005 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:107 Resp: 851393

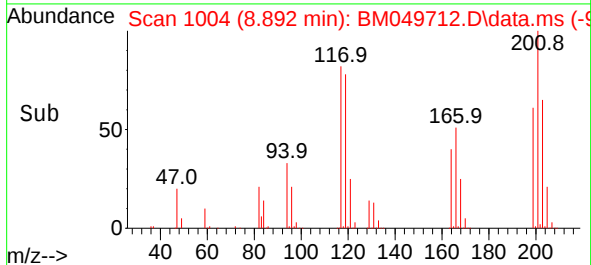
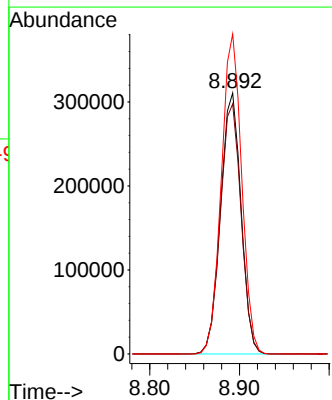
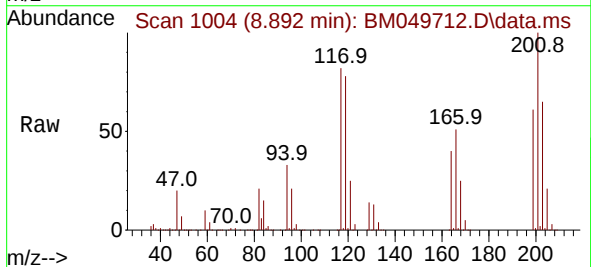
Ion	Ratio	Lower	Upper
107	100		
108	113.3	89.6	134.4
77	48.3	39.8	59.6
79	46.3	37.4	56.2

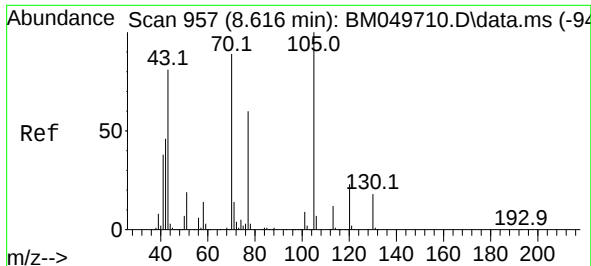


#18
Hexachloroethane
Concen: 61.468 ng
RT: 8.892 min Scan# 1004
Delta R.T. 0.005 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

Tgt Ion:117 Resp: 493239

Ion	Ratio	Lower	Upper
117	100		
119	95.8	73.1	109.7
201	122.6	90.0	135.0



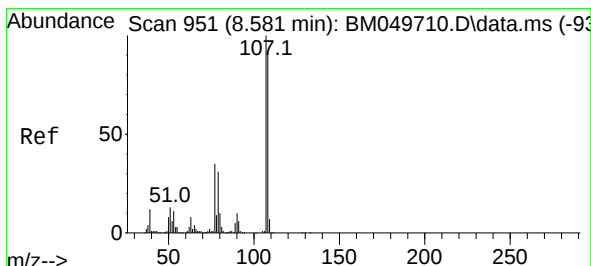
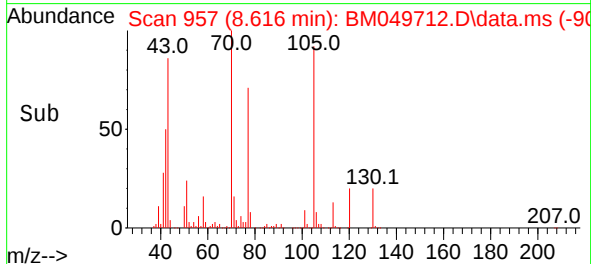
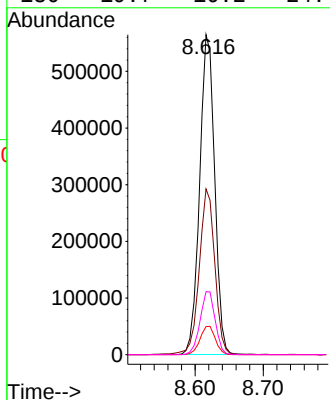
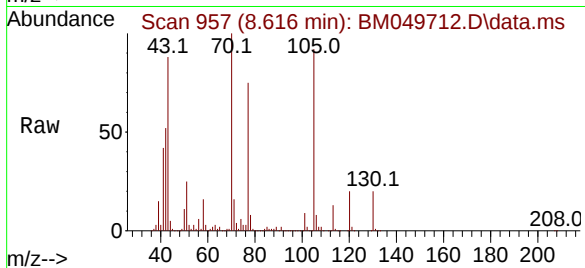


#19
n-Nitroso-di-n-propylamine
Concen: 63.565 ng
RT: 8.616 min Scan# 957
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 70 Resp: 865717

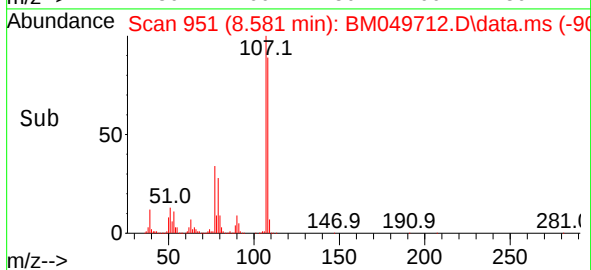
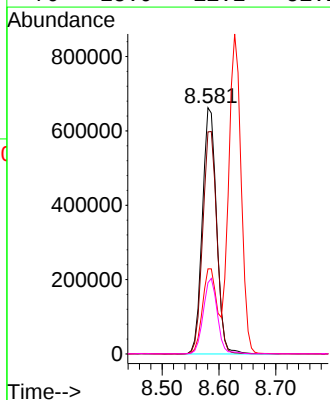
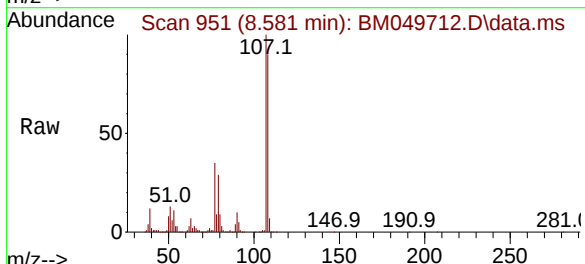
Ion	Ratio	Lower	Upper
70	100		
42	51.8	41.8	62.6
101	8.8	7.7	11.5
130	19.7	16.2	24.4

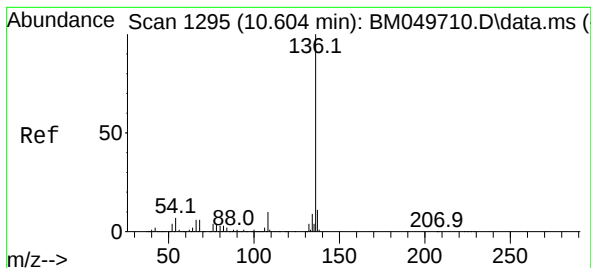


#20
3+4-Methylphenols
Concen: 63.315 ng
RT: 8.581 min Scan# 951
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

Tgt Ion: 107 Resp: 1147270

Ion	Ratio	Lower	Upper
107	100		
108	90.2	71.0	111.0
77	34.6	15.1	55.1
79	28.9	11.2	51.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.604 min Scan# 1295

Delta R.T. -0.000 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:136 Resp: 1024759

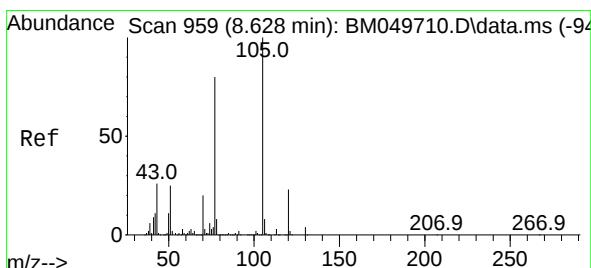
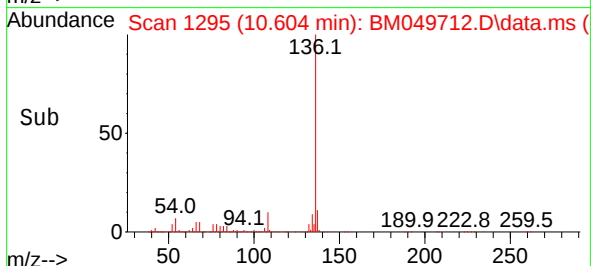
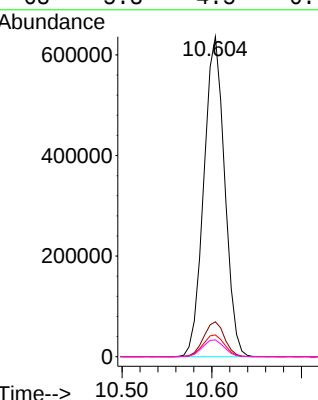
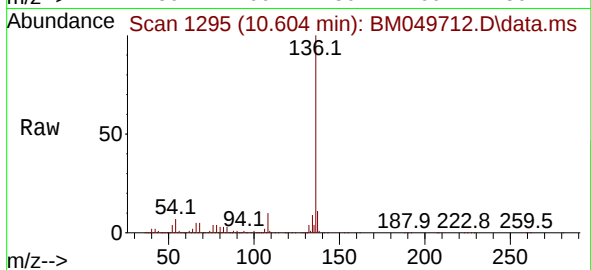
Ion Ratio Lower Upper

136 100

137 10.9 8.6 12.8

54 6.8 5.8 8.8

68 5.3 4.5 6.7



#22

Acetophenone

Concen: 63.809 ng

RT: 8.628 min Scan# 959

Delta R.T. -0.000 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

Tgt Ion:105 Resp: 1686019

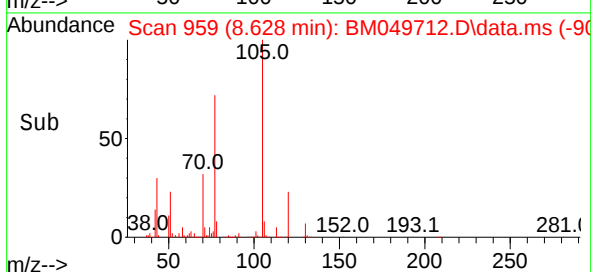
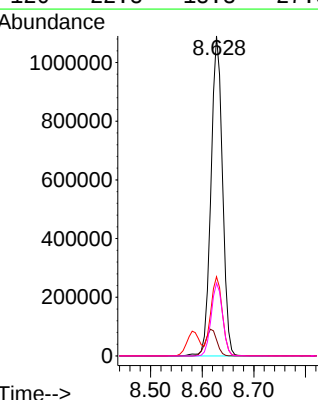
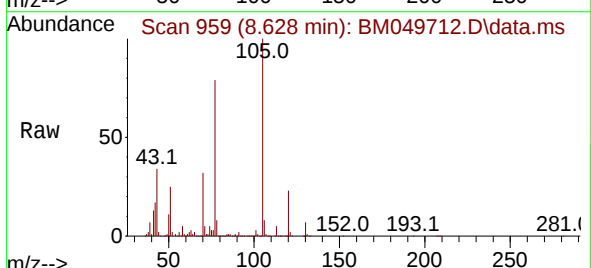
Ion Ratio Lower Upper

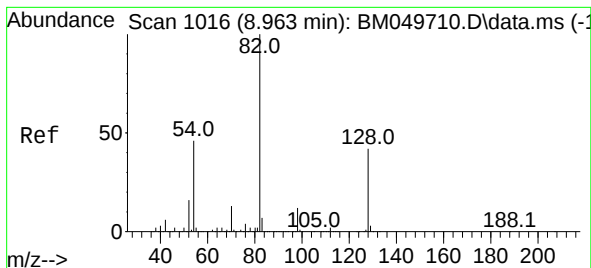
105 100

71 5.1 2.5 3.7#

51 24.7 19.9 29.9

120 22.8 18.3 27.5





#23

Nitrobenzene-d5

Concen: 129.447 ng

RT: 8.963 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

Instrument :

BNA_M

ClientSampleId :

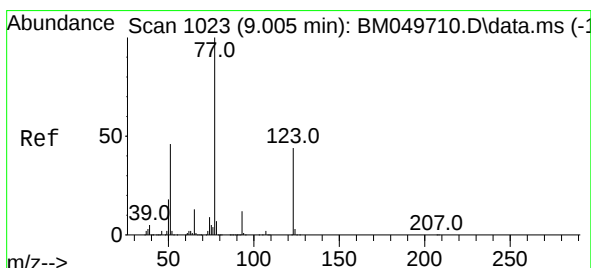
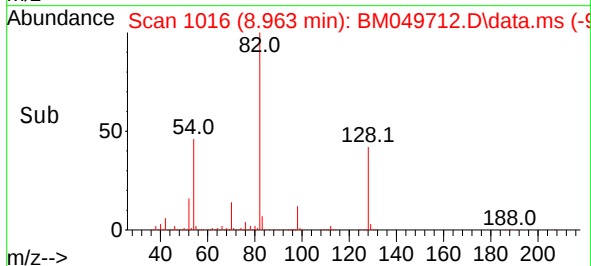
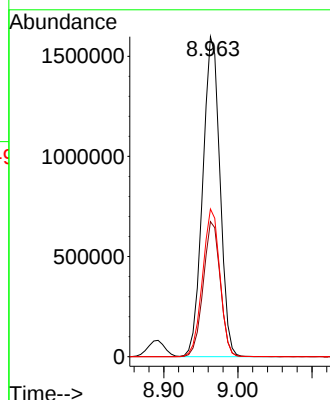
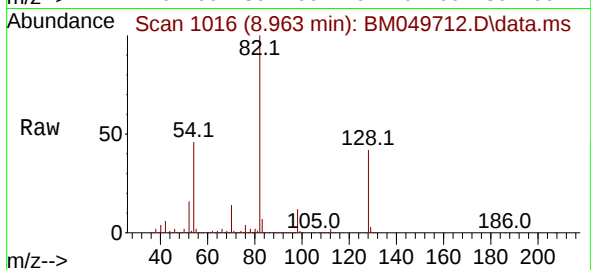
Tgt Ion: 82 Resp: 2583706

Ion Ratio Lower Upper

82 100

128 42.2 33.4 50.0

54 46.1 36.4 54.6



#24

Nitrobenzene

Concen: 63.615 ng

RT: 9.004 min Scan# 1023

Delta R.T. -0.000 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

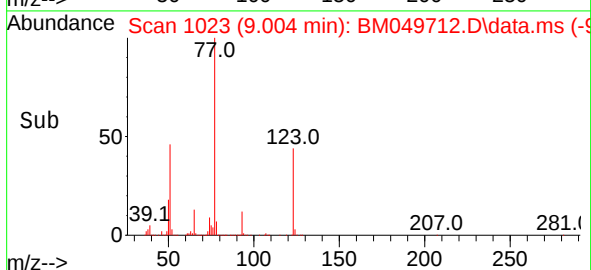
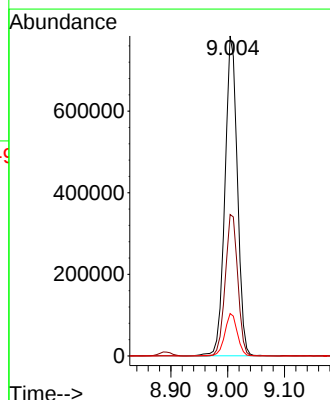
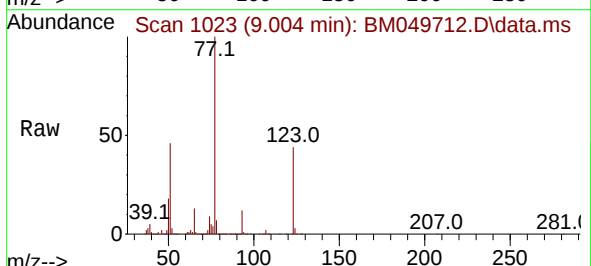
Tgt Ion: 77 Resp: 1197256

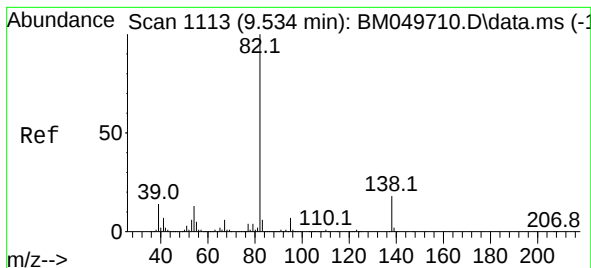
Ion Ratio Lower Upper

77 100

123 44.2 34.9 52.3

65 13.3 10.6 15.8





#25

Isophorone

Concen: 64.875 ng

RT: 9.533 min Scan# 1113

Delta R.T. -0.000 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

Instrument :

BNA_M

ClientSampleId :

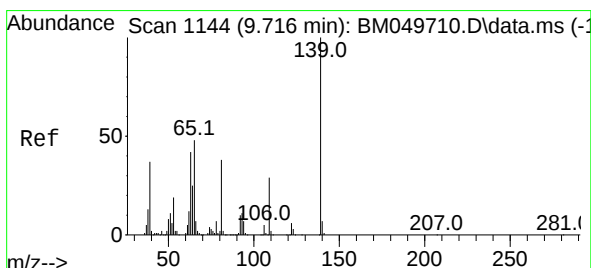
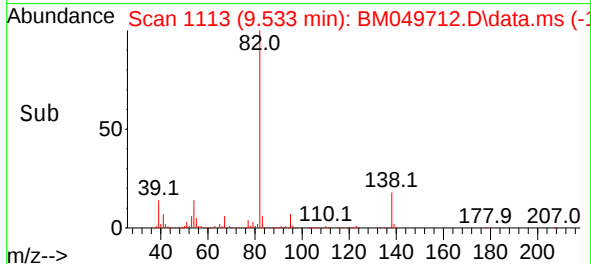
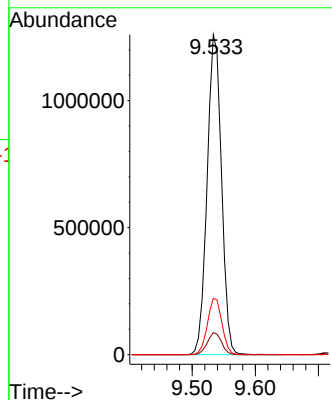
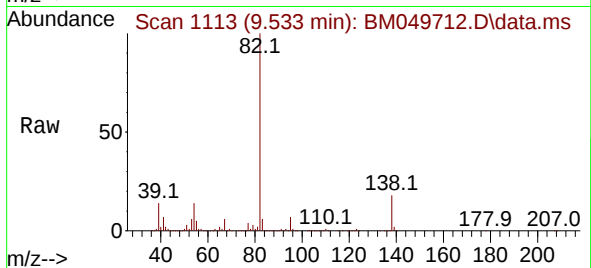
Tgt Ion: 82 Resp: 1988098

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

138 17.6 14.4 21.6



#26

2-Nitrophenol

Concen: 69.411 ng

RT: 9.716 min Scan# 1144

Delta R.T. -0.000 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

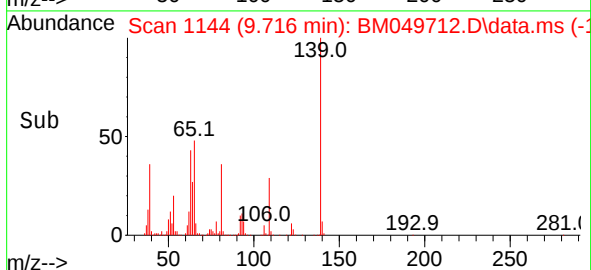
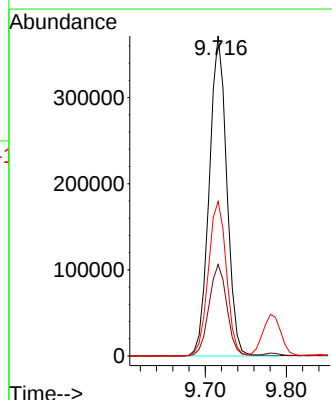
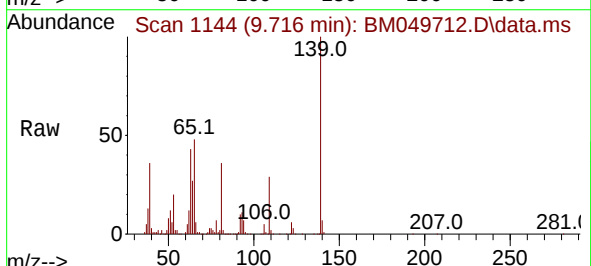
Tgt Ion:139 Resp: 556011

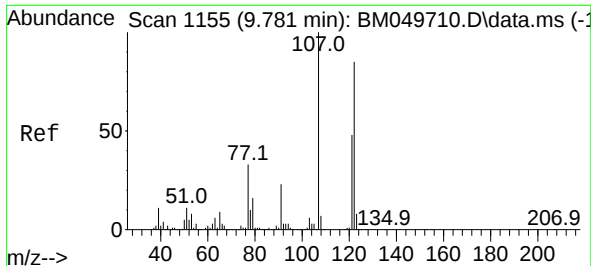
Ion Ratio Lower Upper

139 100

109 28.6 23.3 34.9

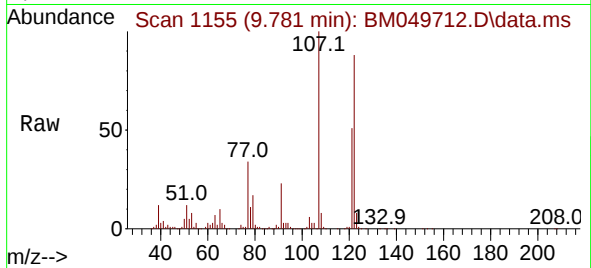
65 48.3 38.6 58.0



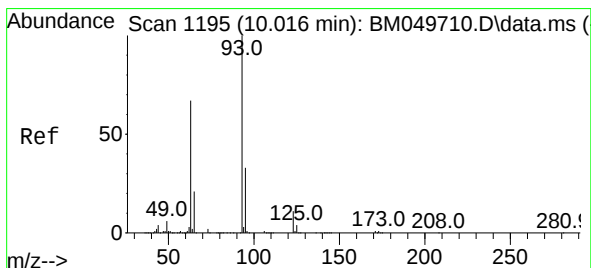
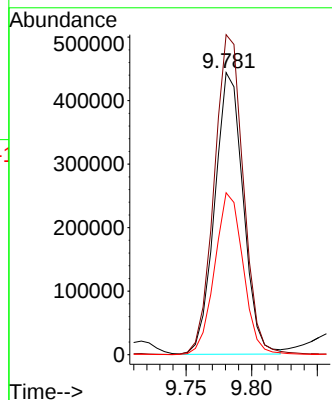
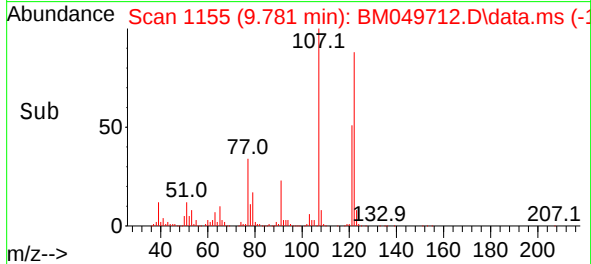


#27
2,4-Dimethylphenol
Concen: 65.658 ng
RT: 9.781 min Scan# 1155
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

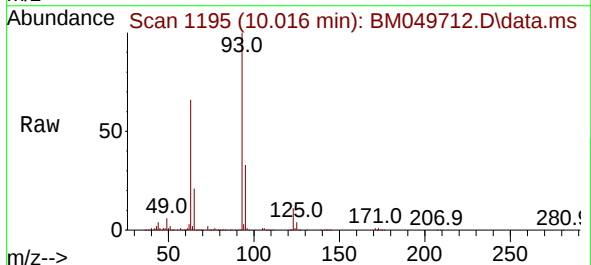
Instrument :
BNA_M
ClientSampleId :



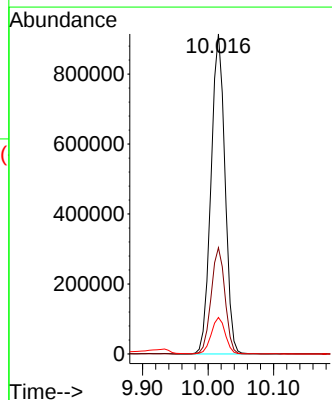
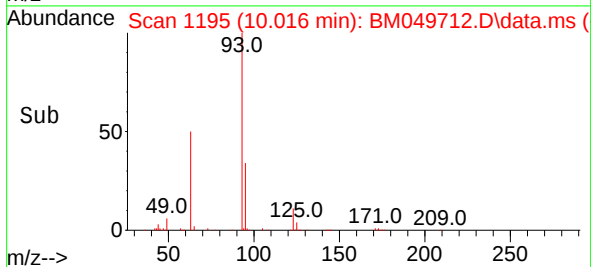
Tgt Ion:122 Resp: 669470
Ion Ratio Lower Upper
122 100
107 113.5 94.3 141.5
121 57.4 45.4 68.2

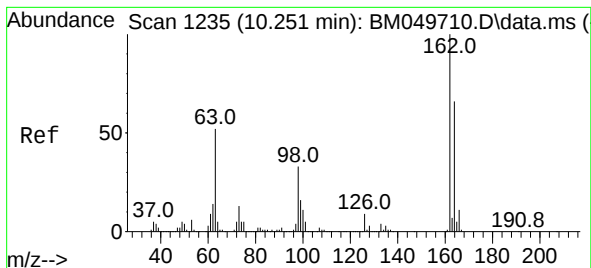


#28
bis(2-Chloroethoxy)methane
Concen: 62.714 ng
RT: 10.016 min Scan# 1195
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58



Tgt Ion: 93 Resp: 1353615
Ion Ratio Lower Upper
93 100
95 33.2 26.6 40.0
123 11.4 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 65.322 ng

RT: 10.257 min Scan# 1

Delta R.T. 0.005 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

Instrument :

BNA_M

ClientSampleId :

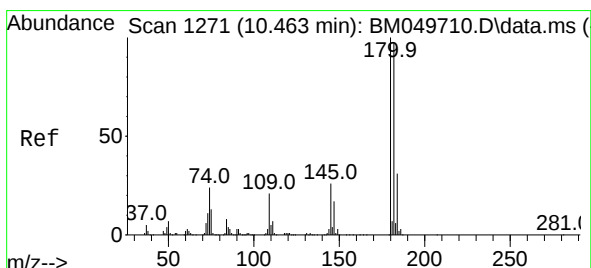
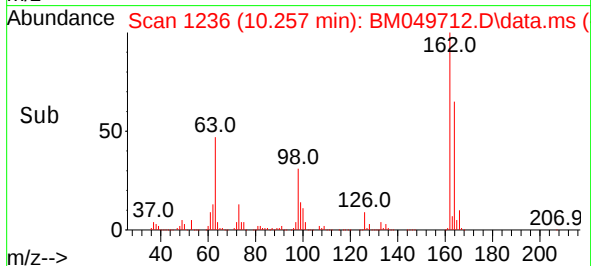
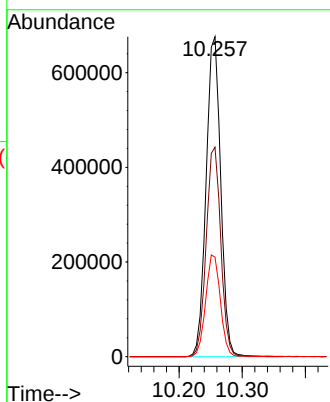
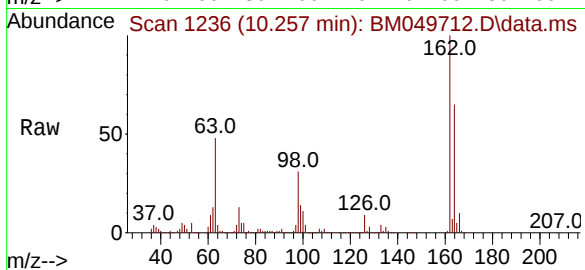
Tgt Ion:162 Resp: 1085297

Ion Ratio Lower Upper

162 100

164 65.5 46.3 86.3

98 31.1 12.8 52.8



#30

1,2,4-Trichlorobenzene

Concen: 63.227 ng

RT: 10.469 min Scan# 1272

Delta R.T. 0.005 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

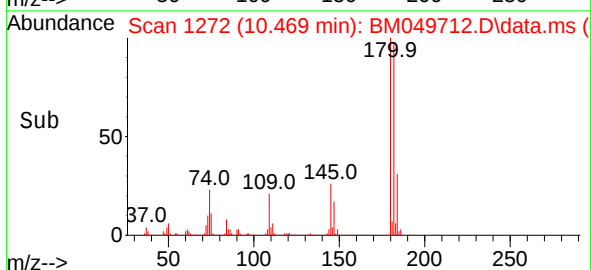
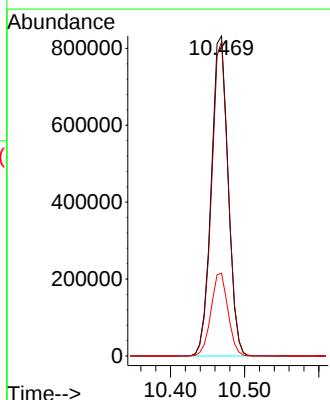
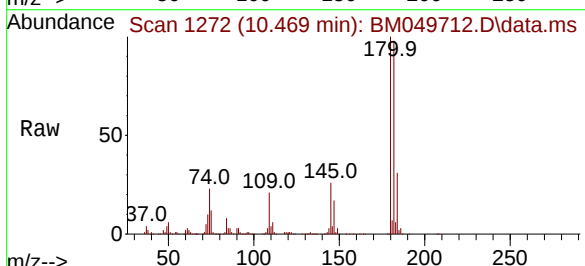
Tgt Ion:180 Resp: 1314305

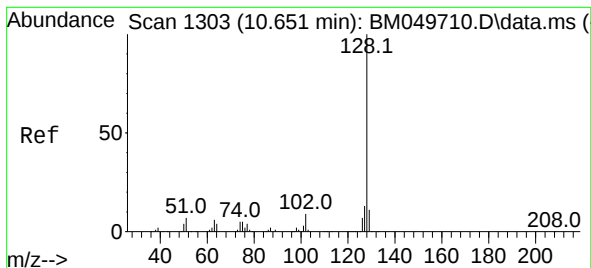
Ion Ratio Lower Upper

180 100

182 98.2 77.7 116.5

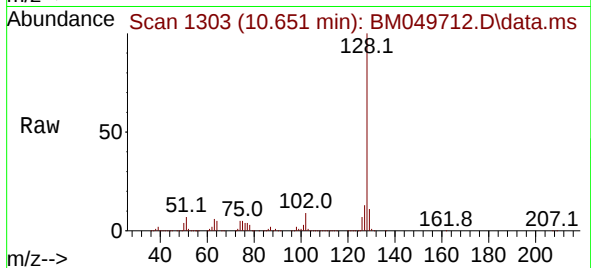
145 25.8 21.0 31.4



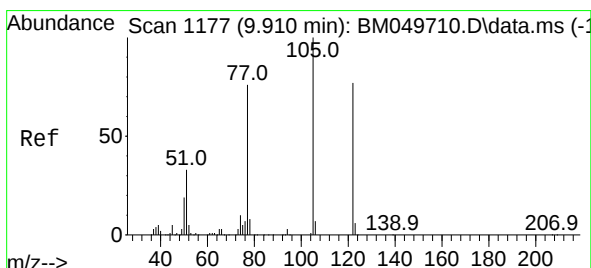
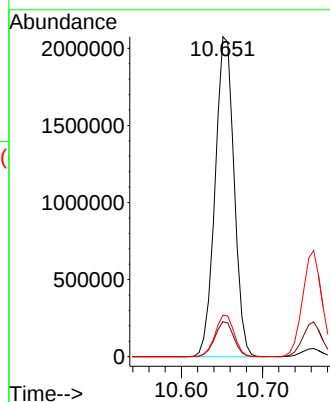
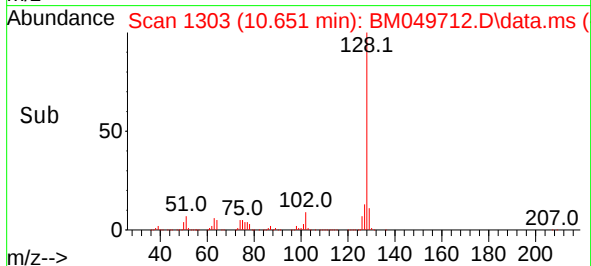


#31
Naphthalene
Concen: 63.997 ng
RT: 10.651 min Scan# 1181
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

Instrument :
BNA_M
ClientSampleId :

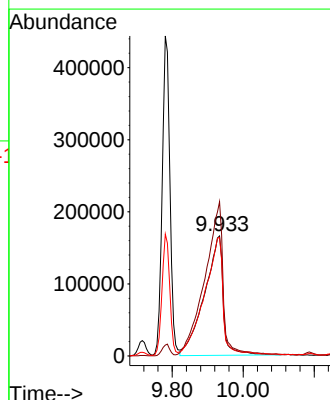
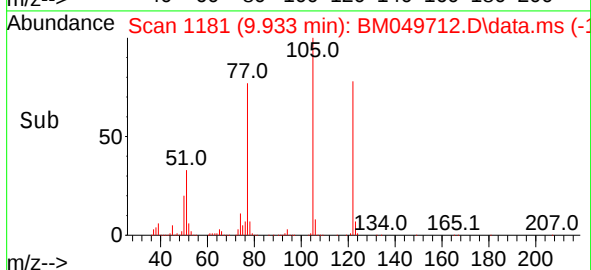
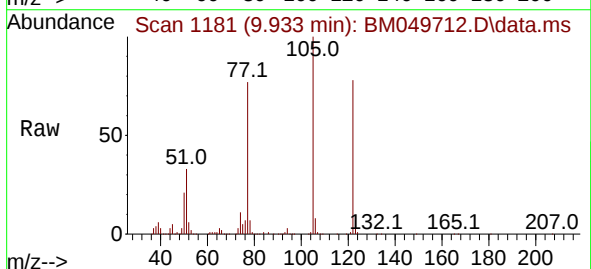


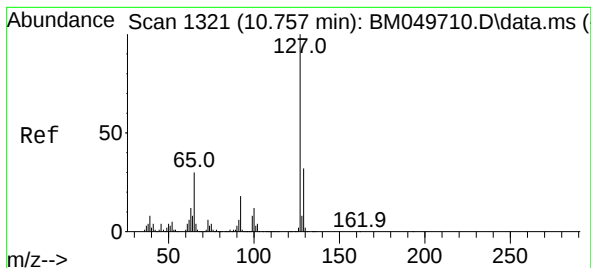
Tgt Ion:128 Resp: 3372239
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 70.482 ng
RT: 9.933 min Scan# 1181
Delta R.T. 0.023 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

Tgt Ion:122 Resp: 611385
Ion Ratio Lower Upper
122 100
105 128.5 105.6 145.6
77 98.8 76.9 116.9





#33

4-Chloroaniline

Concen: 63.446 ng

RT: 10.763 min Scan# 11

Delta R.T. 0.005 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:127 Resp: 1140961

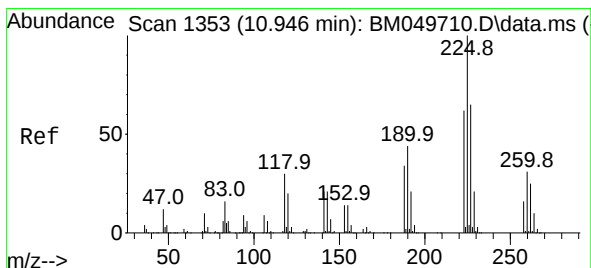
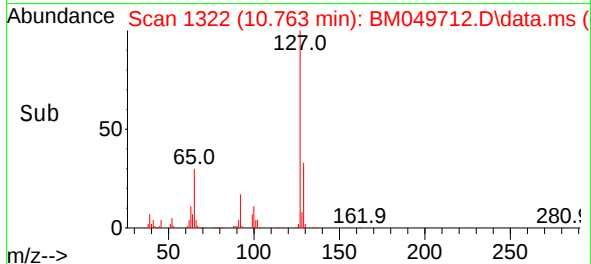
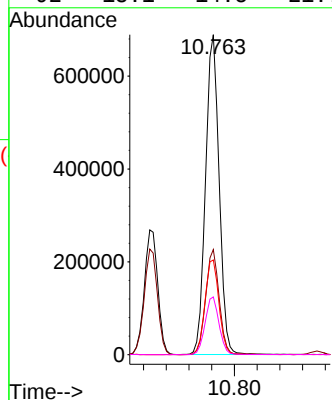
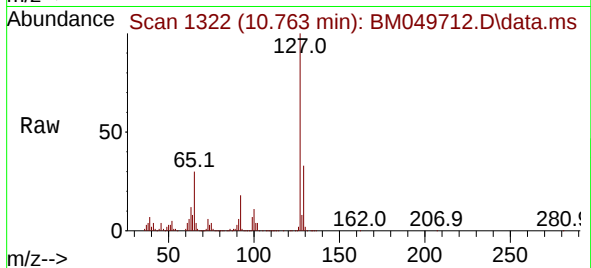
Ion Ratio Lower Upper

127 100

129 32.8 25.7 38.5

65 29.6 24.1 36.1

92 18.1 14.5 21.7



#34

Hexachlorobutadiene

Concen: 63.912 ng

RT: 10.945 min Scan# 1353

Delta R.T. -0.000 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

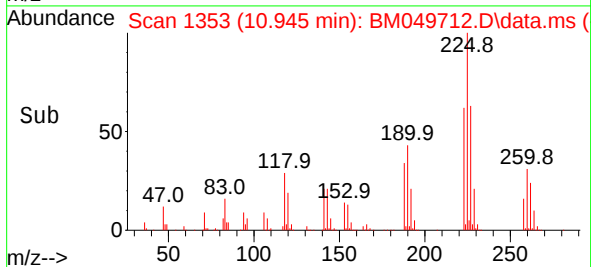
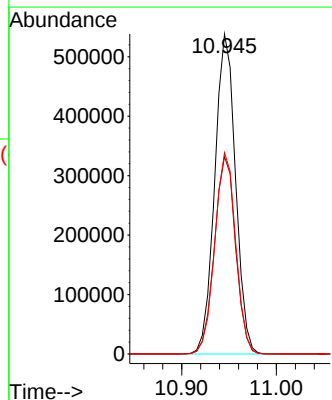
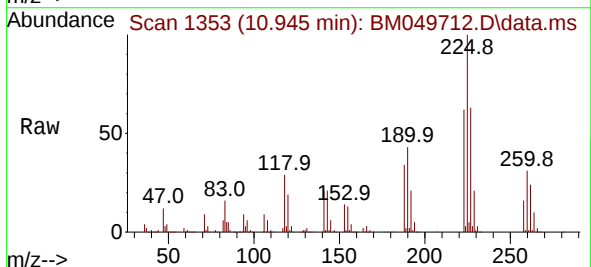
Tgt Ion:225 Resp: 820160

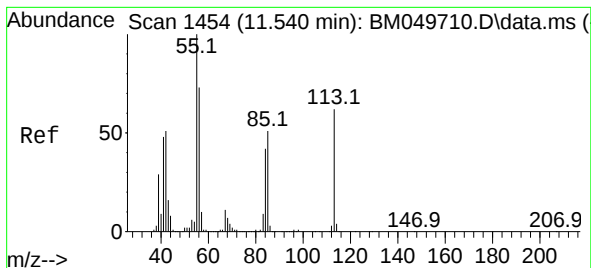
Ion Ratio Lower Upper

225 100

223 61.7 49.8 74.8

227 62.9 52.1 78.1





#35

Caprolactam

Concen: 69.264 ng

RT: 11.551 min Scan# 1456

Delta R.T. 0.011 min

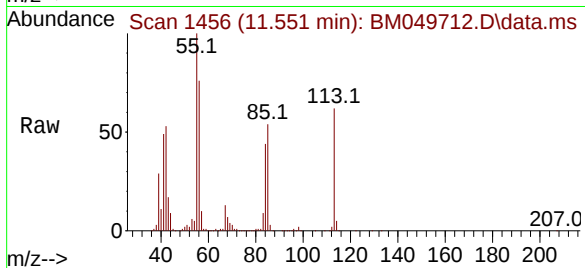
Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

Instrument :

BNA_M

ClientSampleId :



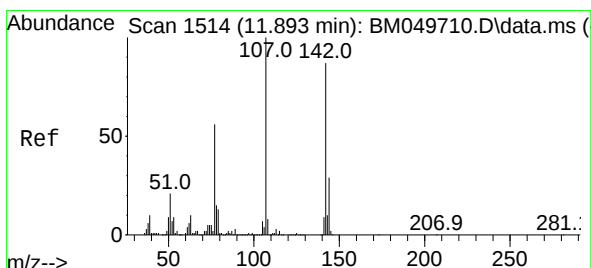
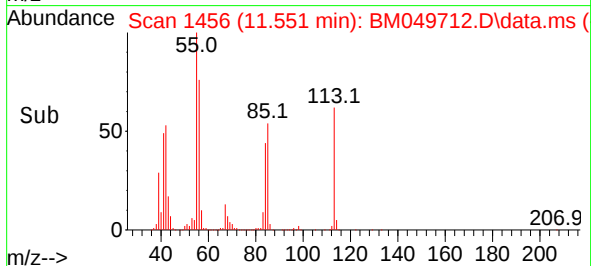
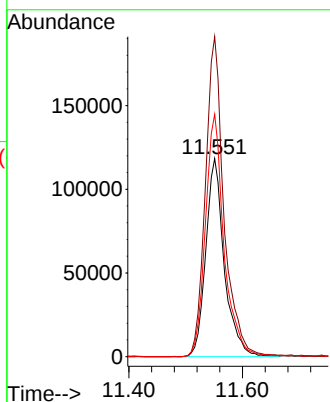
Tgt Ion:113 Resp: 267177

Ion Ratio Lower Upper

113 100

55 161.5 141.8 181.8

56 122.3 98.0 138.0



#36

4-Chloro-3-methylphenol

Concen: 66.827 ng

RT: 11.892 min Scan# 1514

Delta R.T. -0.000 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

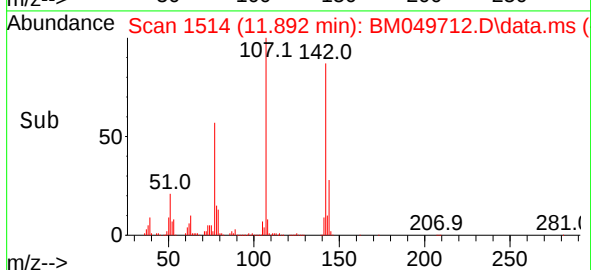
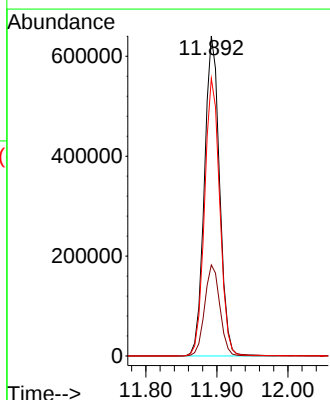
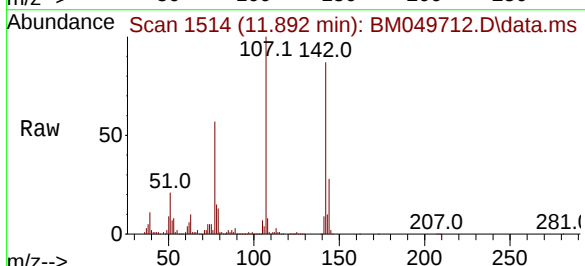
Tgt Ion:107 Resp: 952831

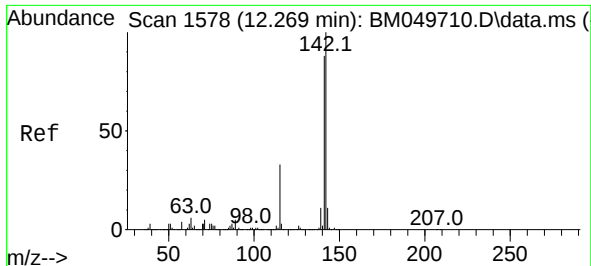
Ion Ratio Lower Upper

107 100

144 28.5 23.0 34.6

142 86.7 69.8 104.8





#37

2-Methylnaphthalene

Concen: 64.061 ng

RT: 12.269 min Scan# 1578

Delta R.T. -0.000 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

Instrument :

BNA_M

ClientSampleId :

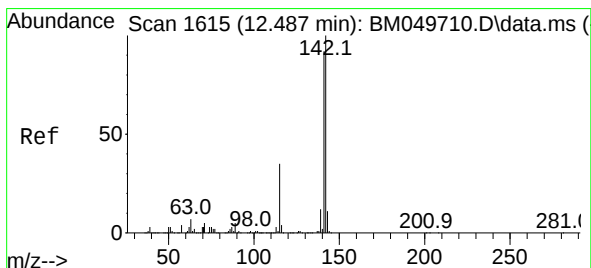
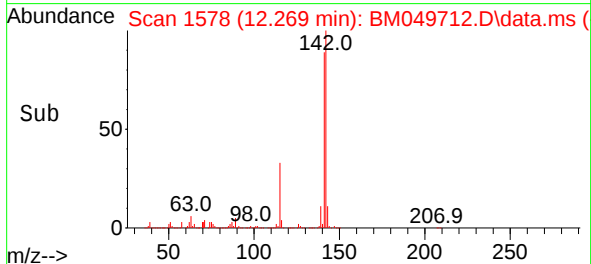
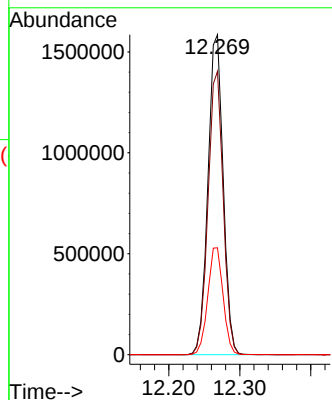
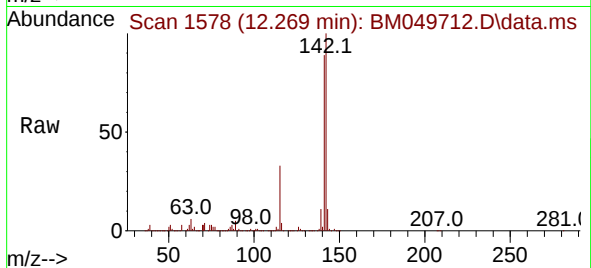
Tgt Ion:142 Resp: 2360362

Ion Ratio Lower Upper

142 100

141 88.5 70.5 105.7

115 33.4 26.5 39.7



#38

1-Methylnaphthalene

Concen: 64.106 ng

RT: 12.486 min Scan# 1615

Delta R.T. -0.000 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

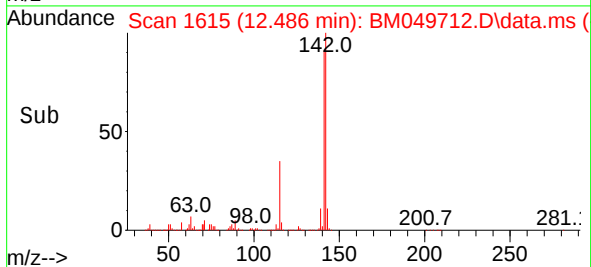
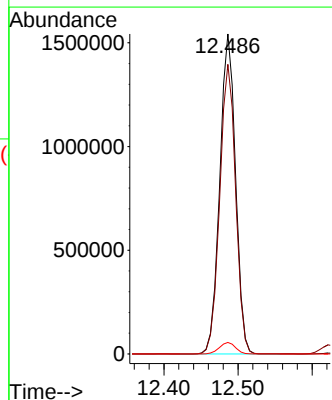
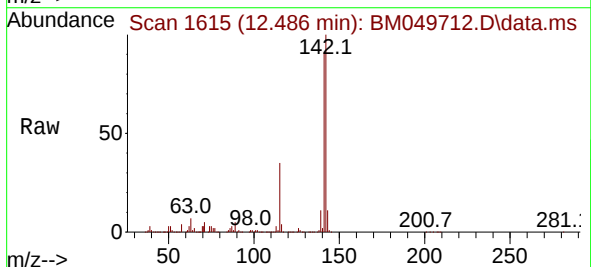
Tgt Ion:142 Resp: 2278919

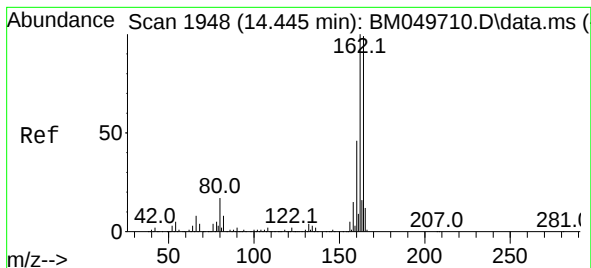
Ion Ratio Lower Upper

142 100

141 90.5 73.4 110.2

116 3.6 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.445 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

Instrument :

BNA_M

ClientSampleId :

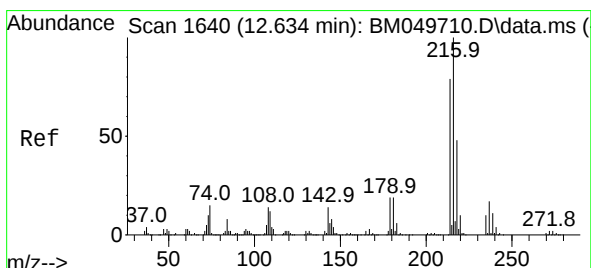
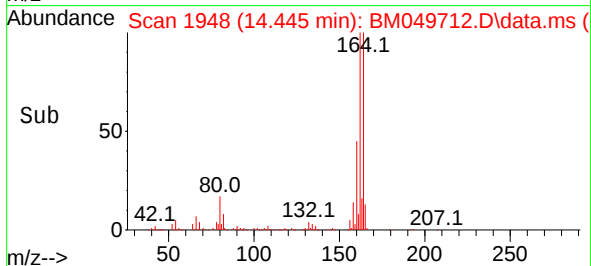
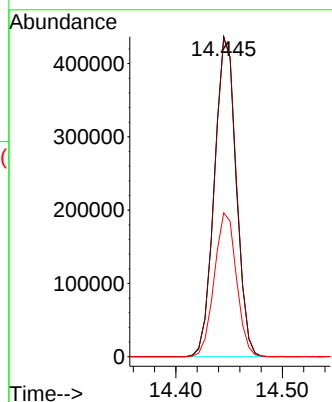
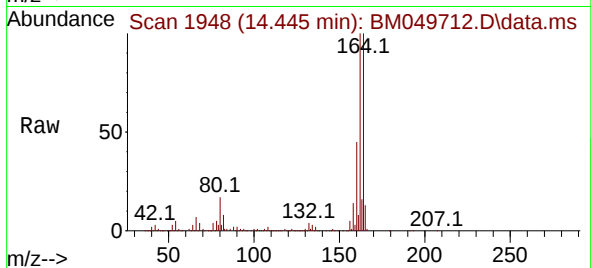
Tgt Ion:164 Resp: 618823

Ion Ratio Lower Upper

164 100

162 99.5 80.5 120.7

160 44.9 36.9 55.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 65.259 ng

RT: 12.639 min Scan# 1641

Delta R.T. 0.005 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

Tgt Ion:216 Resp: 1483366

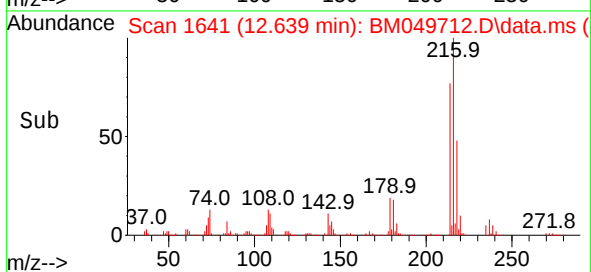
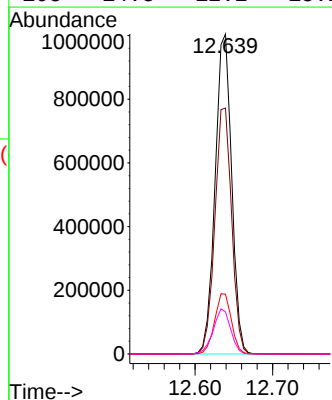
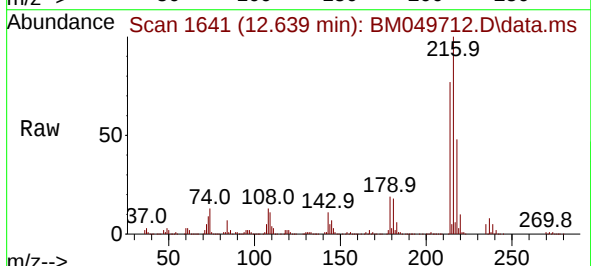
Ion Ratio Lower Upper

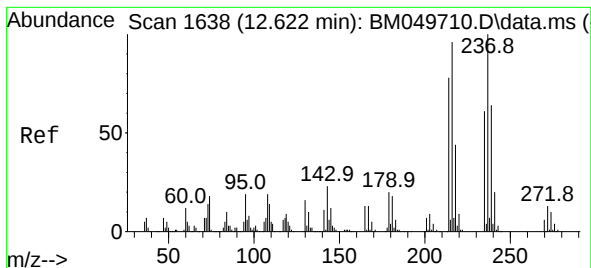
216 100

214 78.1 63.5 95.3

179 19.1 15.7 23.5

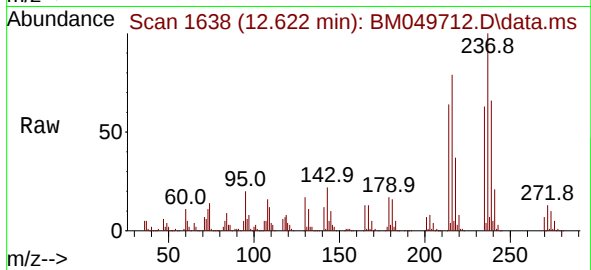
108 14.8 12.2 18.2



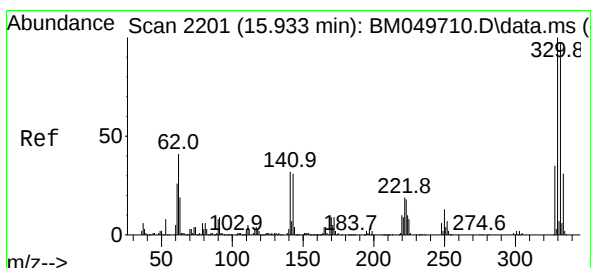
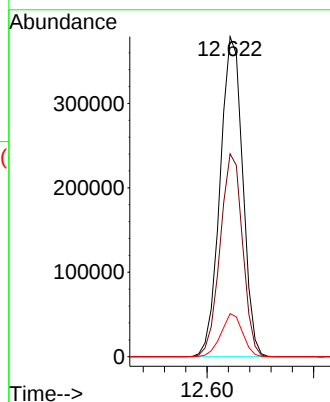
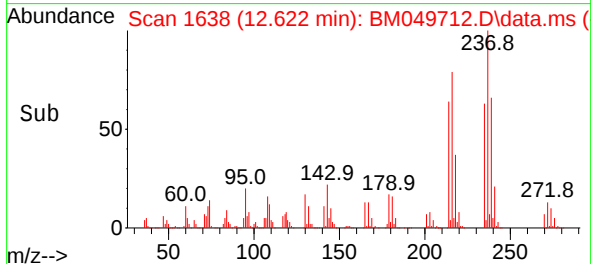


#41
Hexachlorocyclopentadiene
Concen: 66.191 ng
RT: 12.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

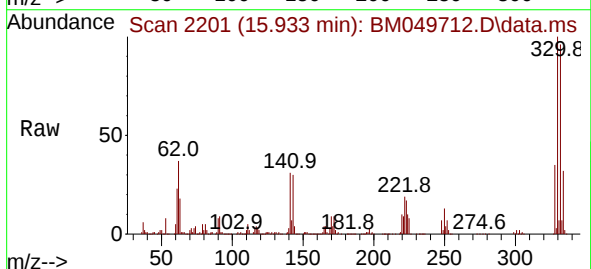
Instrument :
BNA_M
ClientSampleId :



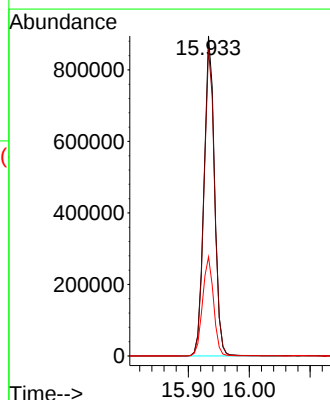
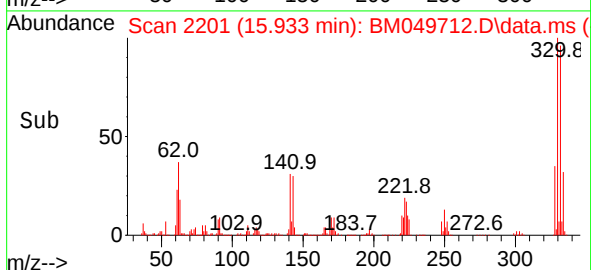
Tgt Ion:237 Resp: 557389
Ion Ratio Lower Upper
237 100
235 63.4 41.1 81.1
272 13.5 0.0 32.5

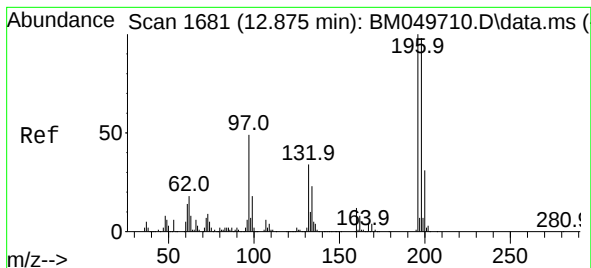


#42
2,4,6-Tribromophenol
Concen: 148.622 ng
RT: 15.933 min Scan# 2201
Delta R.T. 0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58



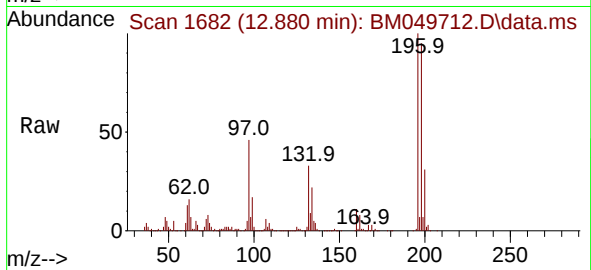
Tgt Ion:330 Resp: 1073944
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.4
141 32.4 27.8 41.6



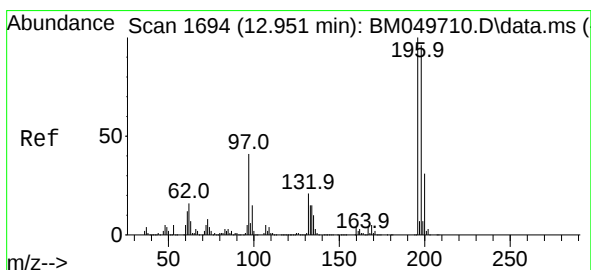
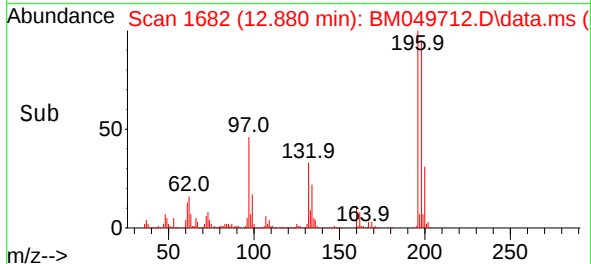
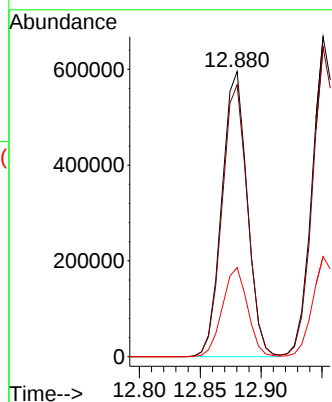


#43
2,4,6-Trichlorophenol
Concen: 67.864 ng
RT: 12.880 min Scan# 1682
Delta R.T. 0.005 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

Instrument :
BNA_M
ClientSampleId :

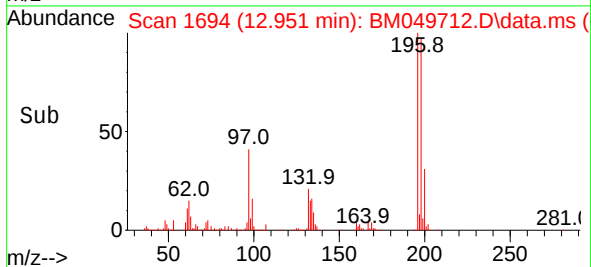
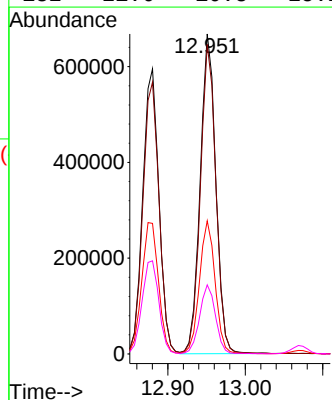
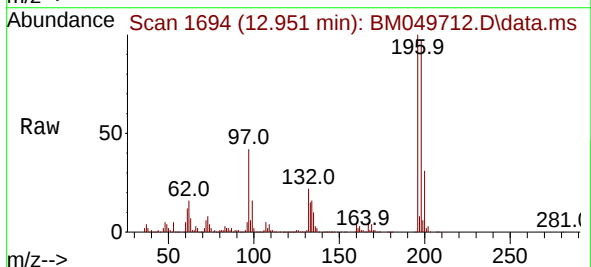


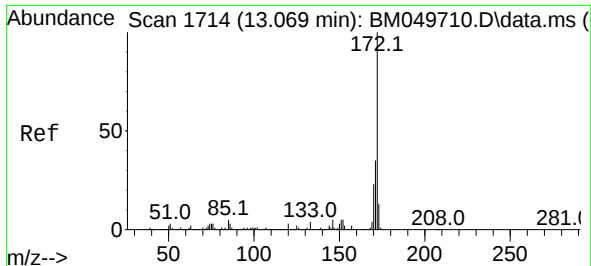
Tgt Ion:196 Resp: 863951
Ion Ratio Lower Upper
196 100
198 95.4 78.3 117.5
200 31.3 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 67.377 ng
RT: 12.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

Tgt Ion:196 Resp: 936029
Ion Ratio Lower Upper
196 100
198 96.7 76.7 115.1
97 41.6 32.9 49.3
132 21.6 16.8 25.2





#45

2-Fluorobiphenyl

Concen: 131.059 ng

RT: 13.069 min Scan# 1714

Delta R.T. -0.000 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

Instrument :

BNA_M

ClientSampleId :

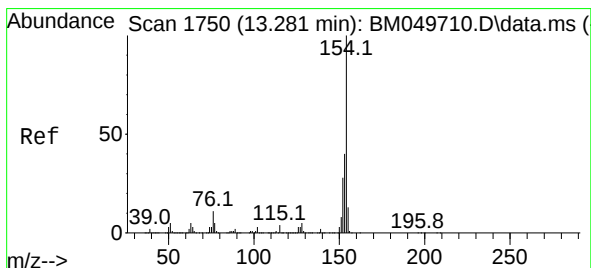
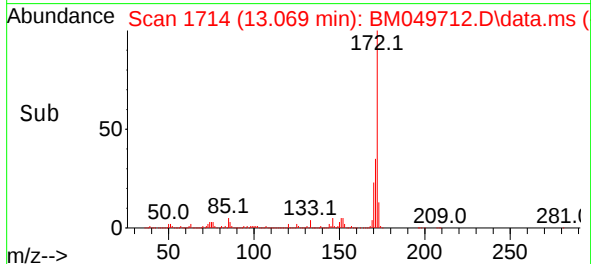
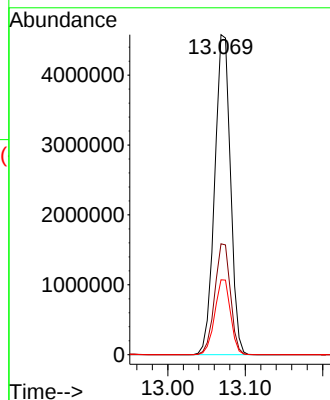
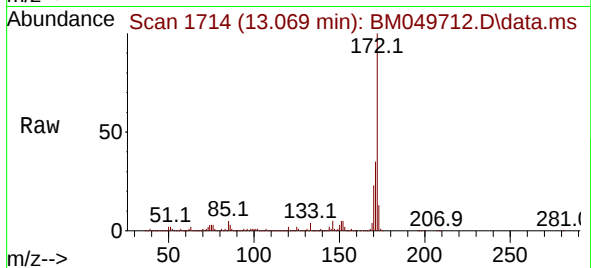
Tgt Ion:172 Resp: 6475865

Ion Ratio Lower Upper

172 100

171 34.7 27.9 41.9

170 23.4 18.6 28.0



#46

1,1'-Biphenyl

Concen: 63.921 ng

RT: 13.280 min Scan# 1750

Delta R.T. -0.000 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

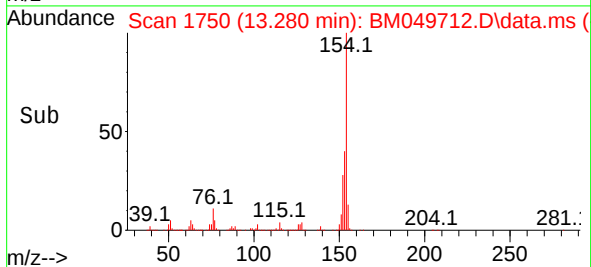
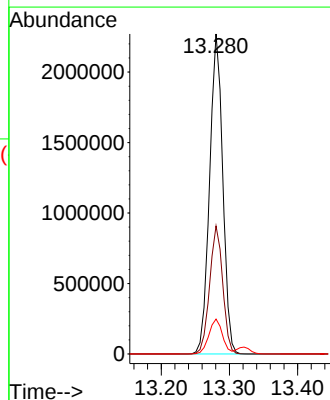
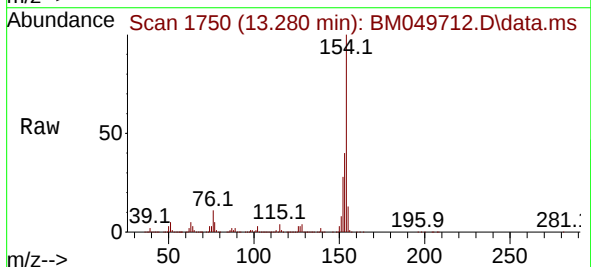
Tgt Ion:154 Resp: 3048618

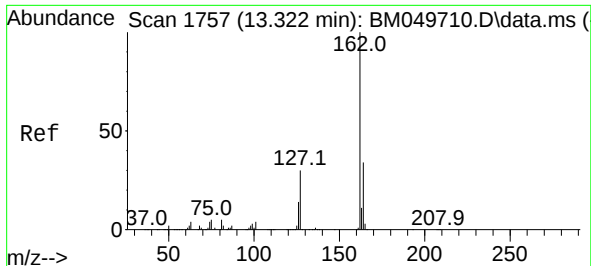
Ion Ratio Lower Upper

154 100

153 40.0 19.7 59.7

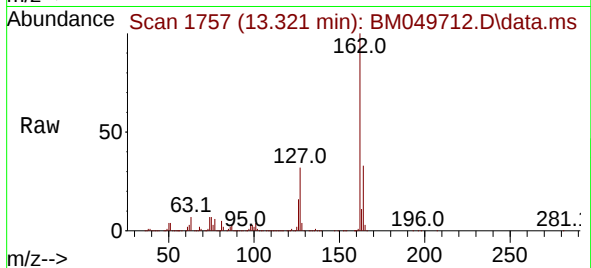
76 10.9 0.0 31.2



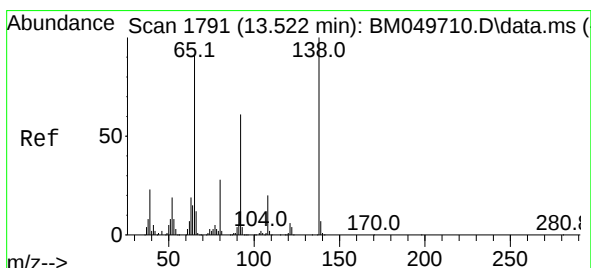
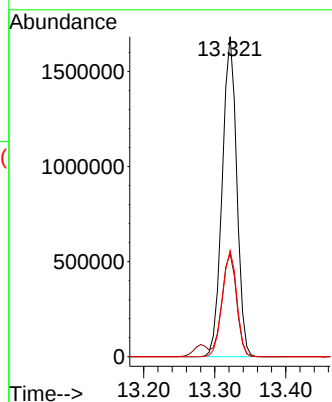
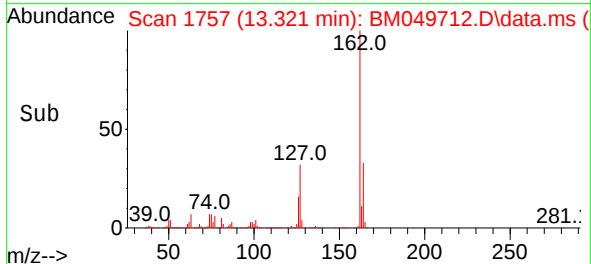


#47
2-Chloronaphthalene
Concen: 64.138 ng
RT: 13.321 min Scan# 1757
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

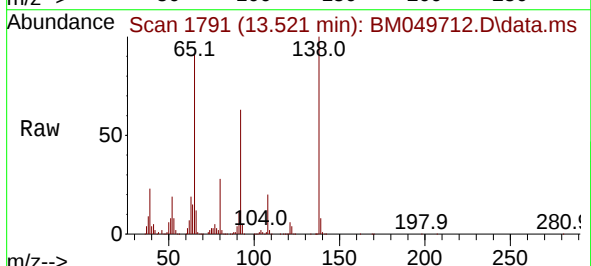
Instrument :
BNA_M
ClientSampleId :



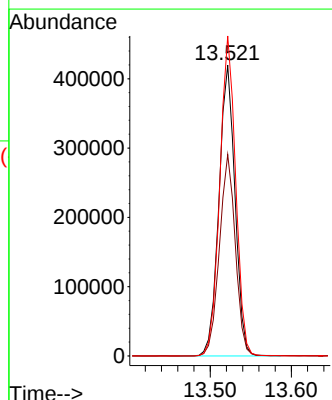
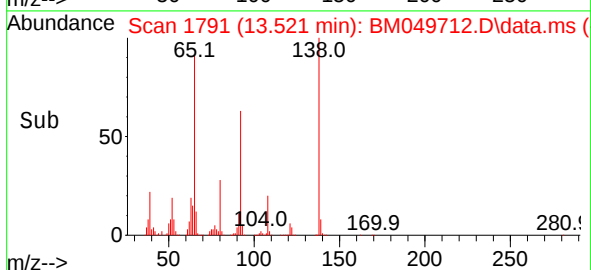
Tgt Ion:162 Resp: 2381008
Ion Ratio Lower Upper
162 100
127 32.2 25.8 38.6
164 33.2 27.1 40.7

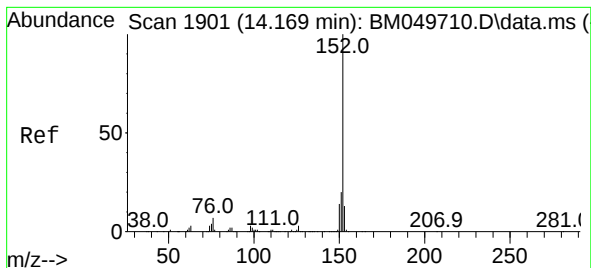


#48
2-Nitroaniline
Concen: 69.424 ng
RT: 13.521 min Scan# 1791
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58



Tgt Ion: 65 Resp: 578552
Ion Ratio Lower Upper
65 100
92 69.3 53.4 80.2
138 110.0 87.6 131.4





#49

Acenaphthylene

Concen: 65.227 ng

RT: 14.168 min Scan# 1901

Delta R.T. -0.000 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

Instrument :

BNA_M

ClientSampleId :

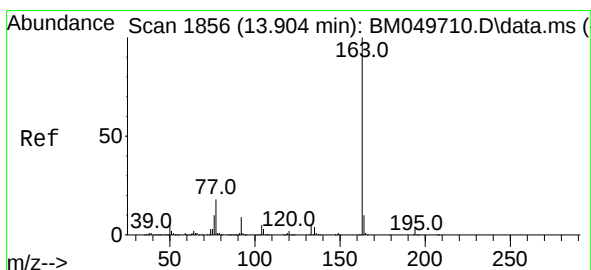
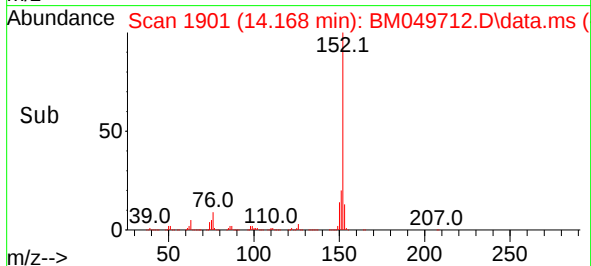
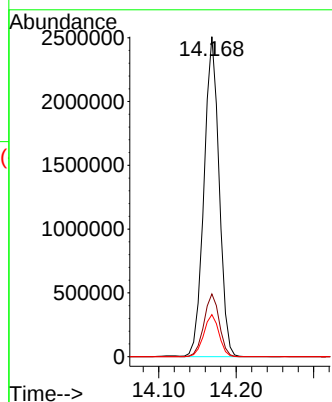
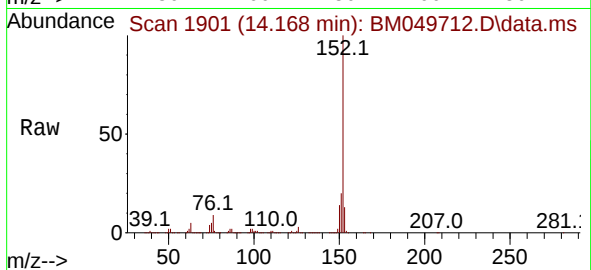
Tgt Ion:152 Resp: 3384598

Ion Ratio Lower Upper

152 100

151 19.6 15.8 23.8

153 13.1 10.2 15.4



#50

Dimethylphthalate

Concen: 63.771 ng

RT: 13.910 min Scan# 1857

Delta R.T. 0.005 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

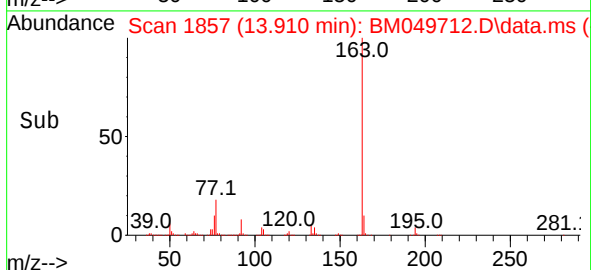
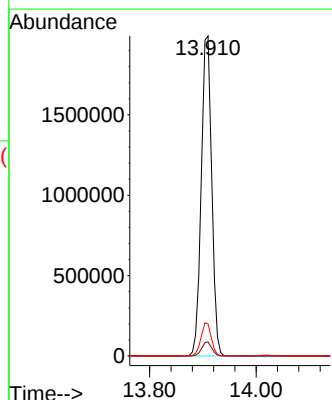
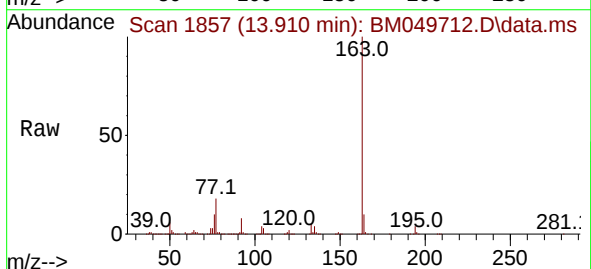
Tgt Ion:163 Resp: 2716983

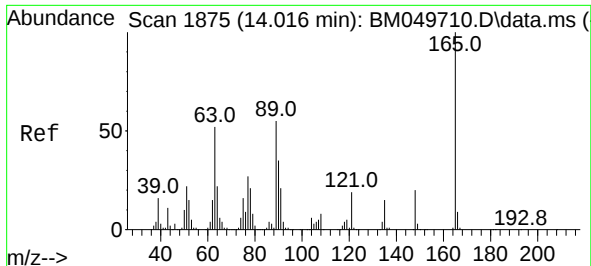
Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.0

164 10.0 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 66.034 ng

RT: 14.021 min Scan# 1

Delta R.T. 0.005 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

Instrument :

BNA_M

ClientSampleId :

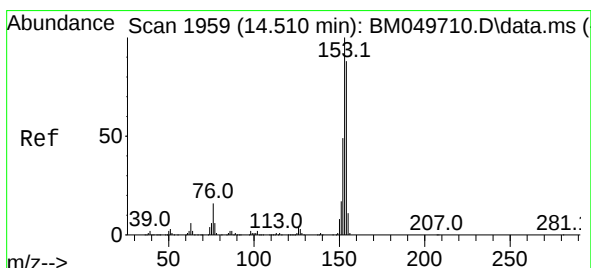
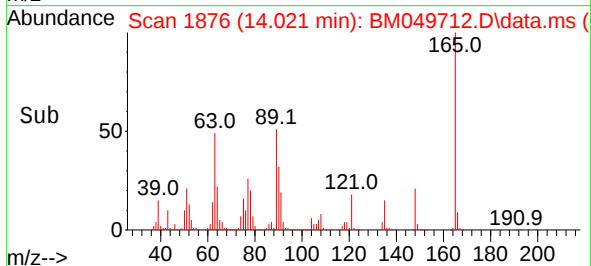
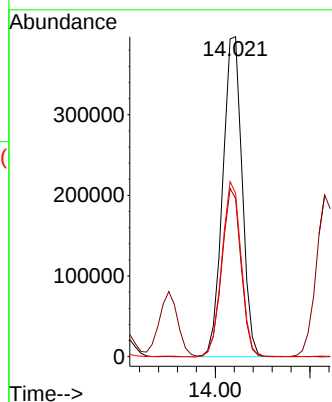
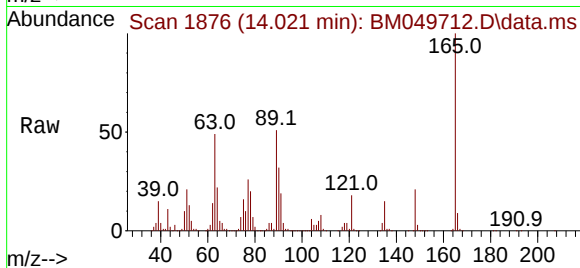
Tgt Ion:165 Resp: 563727

Ion Ratio Lower Upper

165 100

63 49.5 42.3 63.5

89 51.1 43.9 65.9



#52

Acenaphthene

Concen: 65.221 ng

RT: 14.510 min Scan# 1959

Delta R.T. -0.000 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

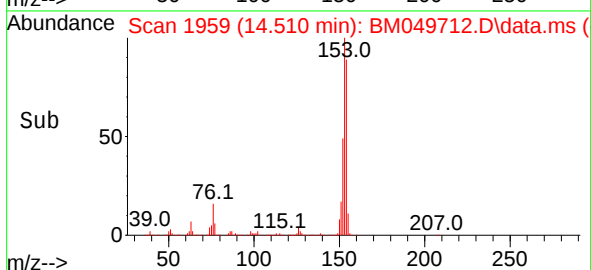
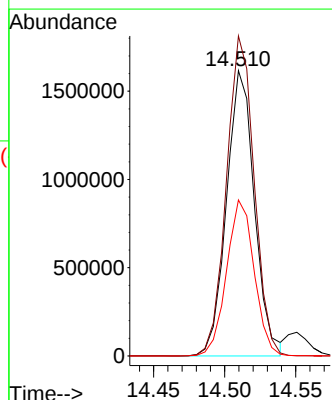
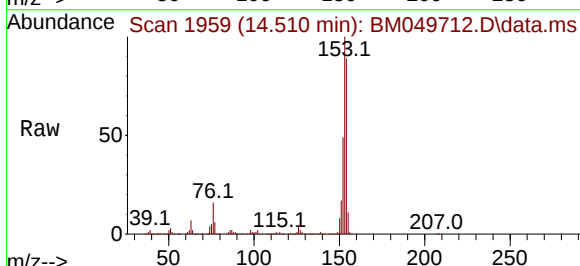
Tgt Ion:154 Resp: 2217160

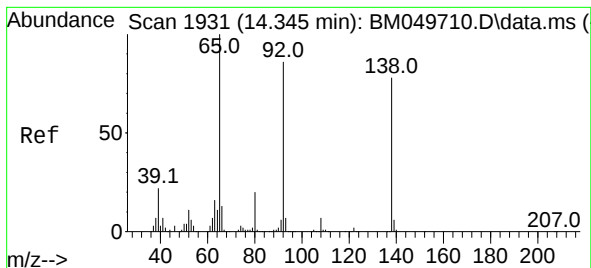
Ion Ratio Lower Upper

154 100

153 112.2 90.4 135.6

152 54.7 44.2 66.2





#53

3-Nitroaniline

Concen: 68.488 ng

RT: 14.345 min Scan# 1931

Delta R.T. -0.000 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

Instrument :

BNA_M

ClientSampleId :

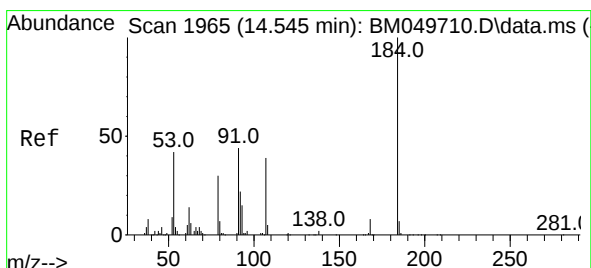
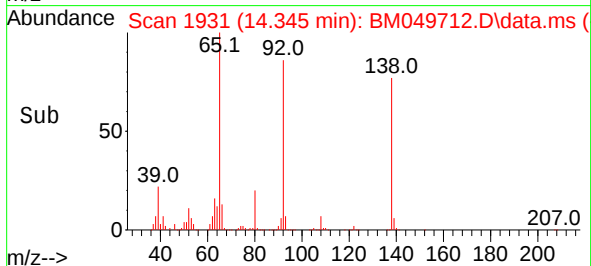
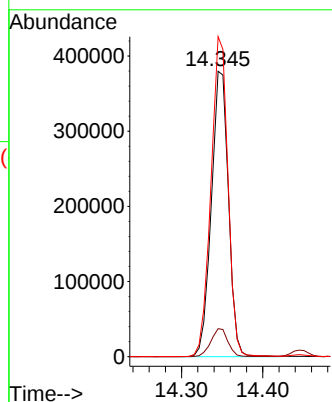
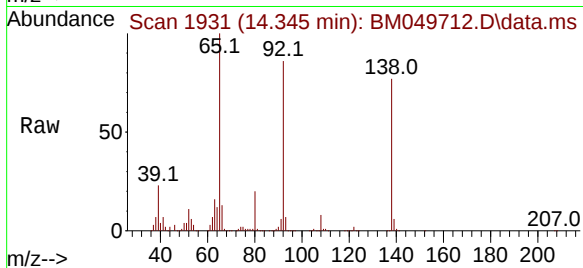
Tgt Ion:138 Resp: 556379

Ion Ratio Lower Upper

138 100

108 9.8 7.5 11.3

92 112.1 88.0 132.0



#54

2,4-Dinitrophenol

Concen: 60.822 ng

RT: 14.551 min Scan# 1966

Delta R.T. 0.006 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

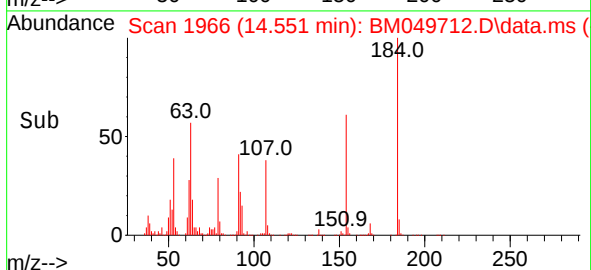
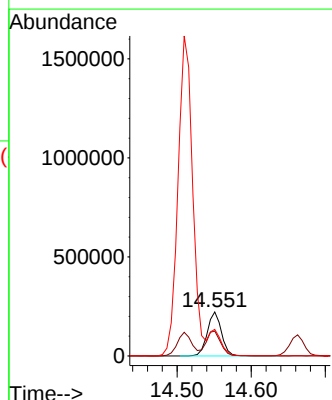
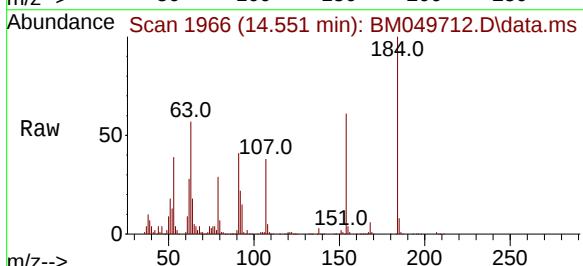
Tgt Ion:184 Resp: 295154

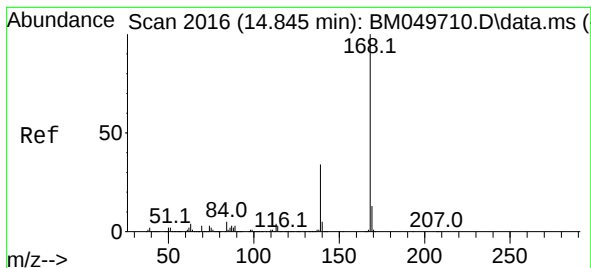
Ion Ratio Lower Upper

184 100

63 56.9 47.2 70.8

154 60.6 49.9 74.9





#55

Dibenzenofuran

Concen: 64.040 ng

RT: 14.845 min Scan# 2016

Delta R.T. -0.000 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

Instrument :

BNA_M

ClientSampleId :

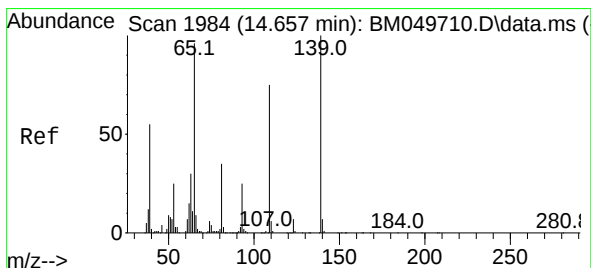
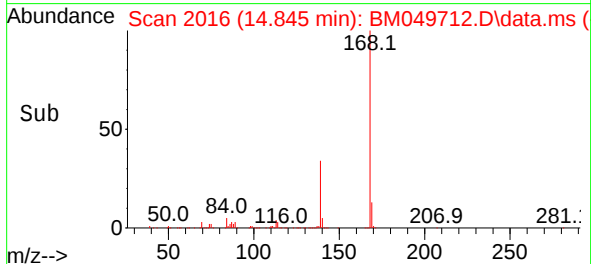
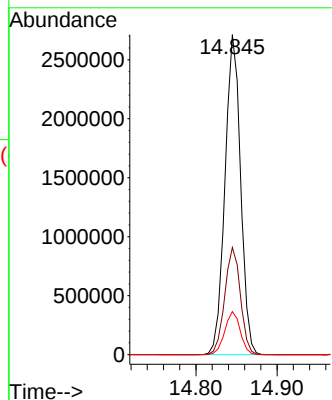
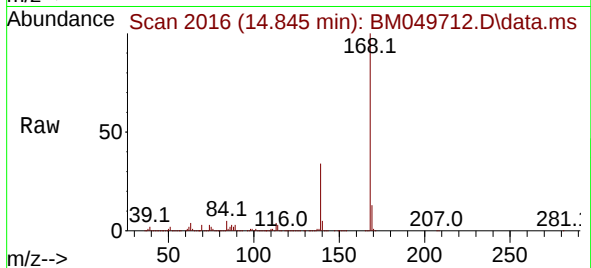
Tgt Ion:168 Resp: 3632034

Ion Ratio Lower Upper

168 100

139 33.5 27.4 41.0

169 13.4 10.7 16.1



#56

4-Nitrophenol

Concen: 67.524 ng

RT: 14.663 min Scan# 1985

Delta R.T. 0.006 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

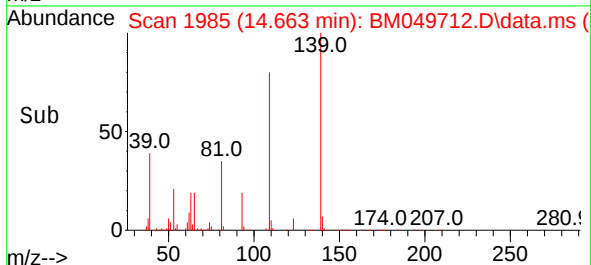
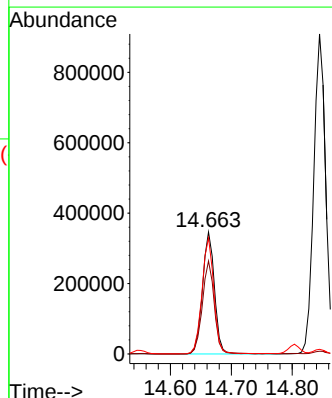
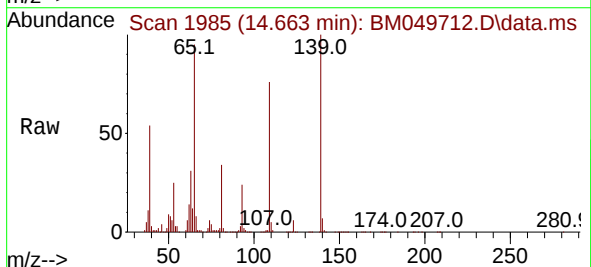
Tgt Ion:139 Resp: 477486

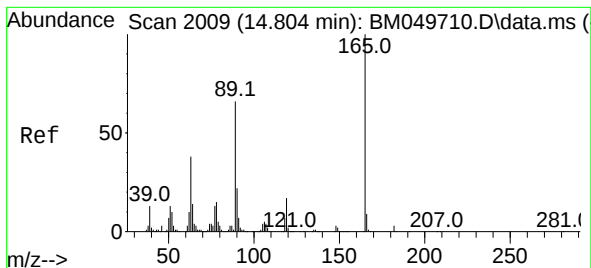
Ion Ratio Lower Upper

139 100

109 76.2 54.7 94.7

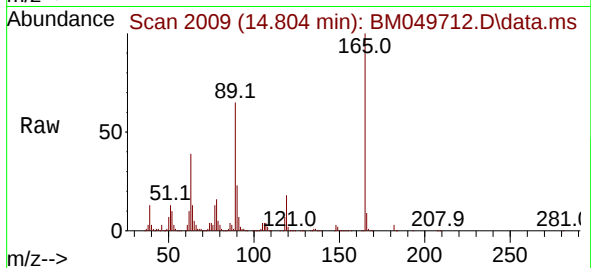
65 95.3 76.2 116.2



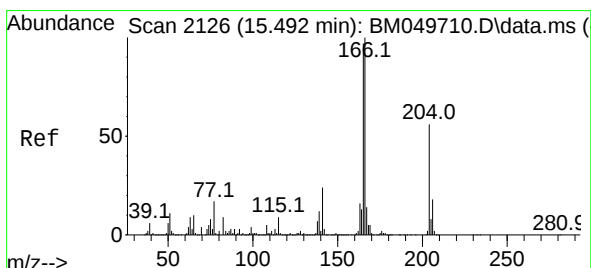
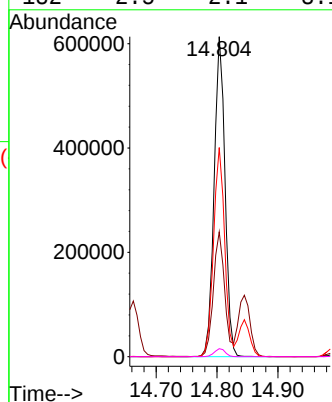
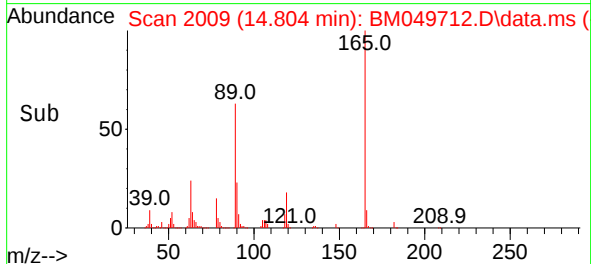


#57
2,4-Dinitrotoluene
Concen: 69.539 ng
RT: 14.804 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

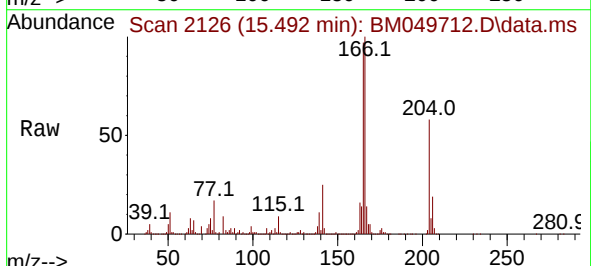
Instrument :
BNA_M
ClientSampleId :



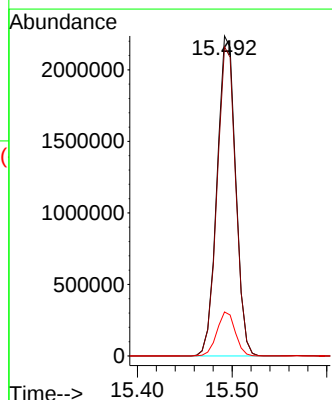
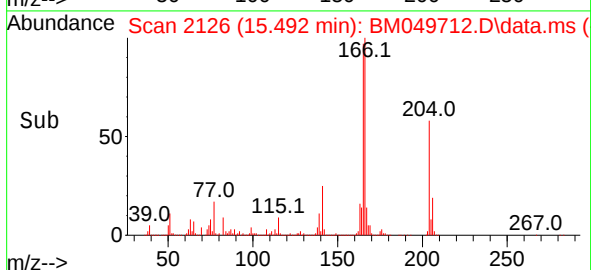
Tgt Ion:165 Resp: 763894
Ion Ratio Lower Upper
165 100
63 39.0 30.8 46.2
89 65.4 53.1 79.7
182 2.5 2.1 3.1

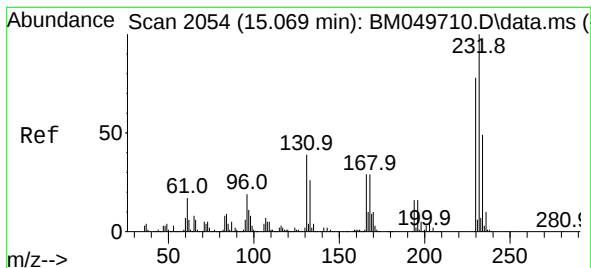


#58
Fluorene
Concen: 66.168 ng
RT: 15.492 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58



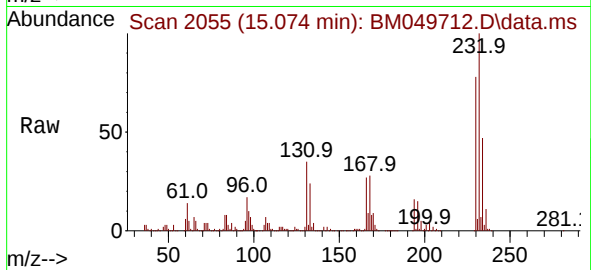
Tgt Ion:166 Resp: 3055405
Ion Ratio Lower Upper
166 100
165 96.6 77.5 116.3
167 13.8 10.9 16.3



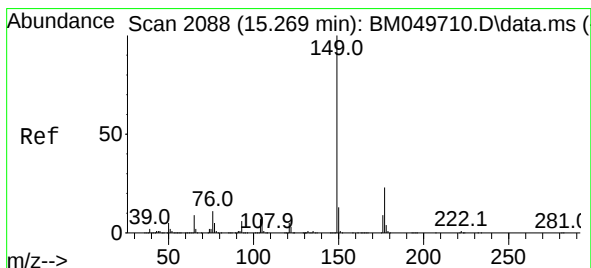
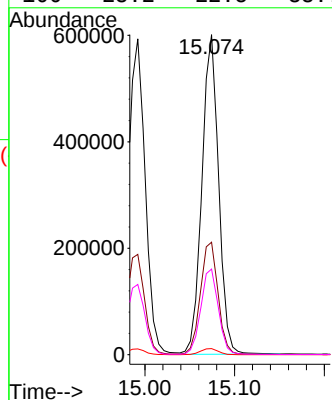
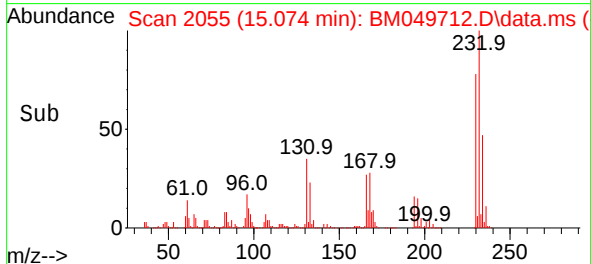


#59
2,3,4,6-Tetrachlorophenol
Concen: 66.821 ng
RT: 15.074 min Scan# 2055
Delta R.T. 0.005 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

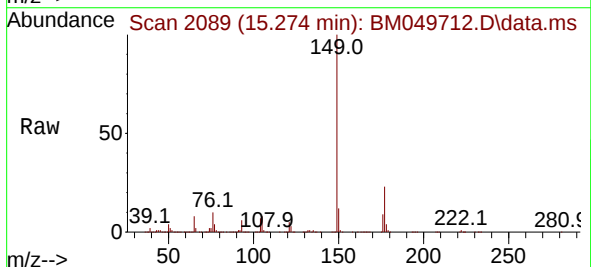
Instrument :
BNA_M
ClientSampleId :



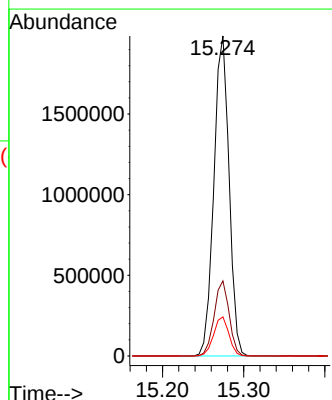
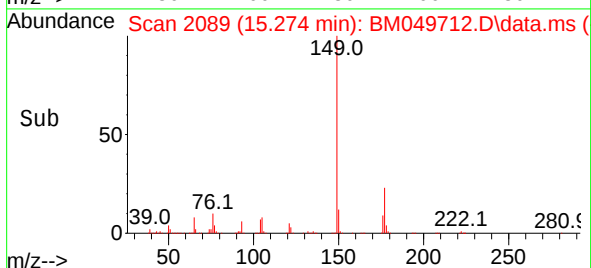
Tgt Ion:232 Resp: 777060
Ion Ratio Lower Upper
232 100
131 37.2 30.0 45.0
130 2.1 1.6 2.4
166 28.2 22.5 33.7

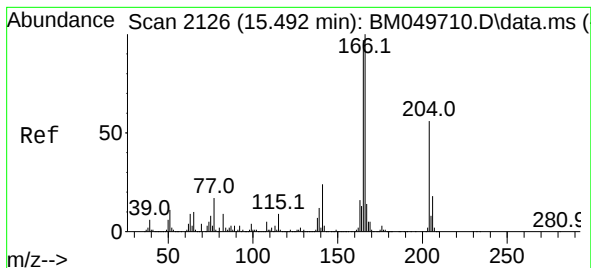


#60
Diethylphthalate
Concen: 64.207 ng
RT: 15.274 min Scan# 2089
Delta R.T. 0.005 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58



Tgt Ion:149 Resp: 2576429
Ion Ratio Lower Upper
149 100
177 23.5 18.2 27.2
150 12.2 10.0 15.0

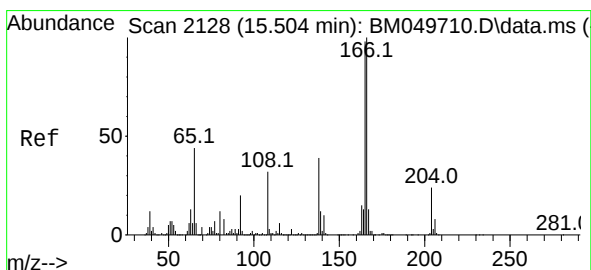
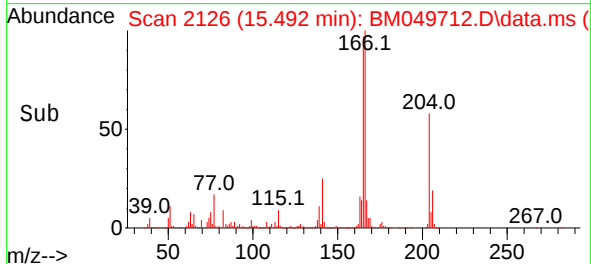
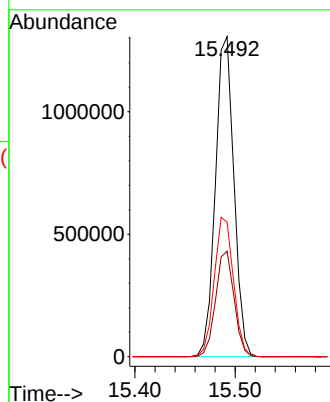
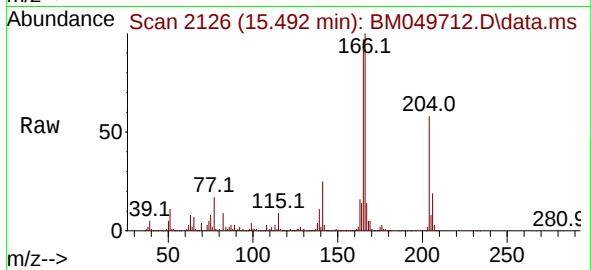




#61
4-Chlorophenyl-phenylether
Concen: 66.402 ng
RT: 15.492 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

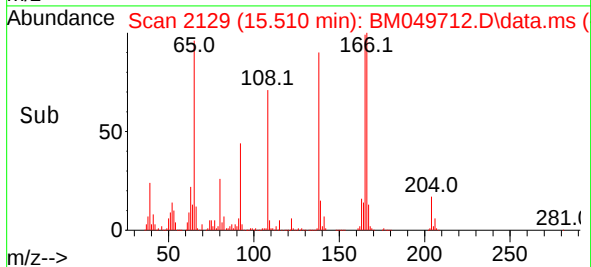
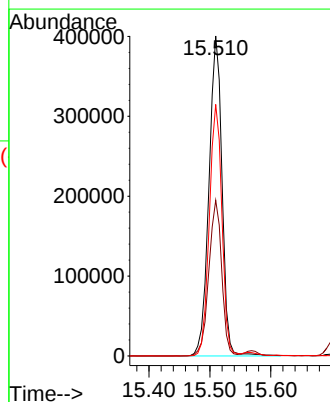
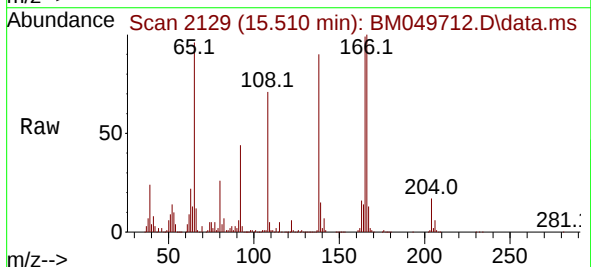
Instrument :
BNA_M
ClientSampleId :

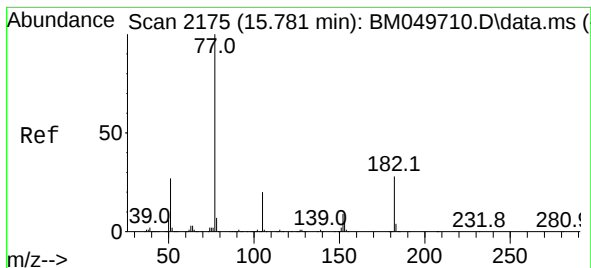
Tgt Ion:204 Resp: 1674356
Ion Ratio Lower Upper
204 100
206 33.0 25.2 37.8
141 42.1 34.5 51.7



#62
4-Nitroaniline
Concen: 60.865 ng
RT: 15.510 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

Tgt Ion:138 Resp: 598859
Ion Ratio Lower Upper
138 100
92 48.6 29.8 69.8
108 78.6 61.3 101.3





#63

Azobenzene

Concen: 64.760 ng

RT: 15.780 min Scan# 2175

Delta R.T. -0.000 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

Instrument :

BNA_M

ClientSampleId :

Tgt Ion: 77 Resp: 2482118

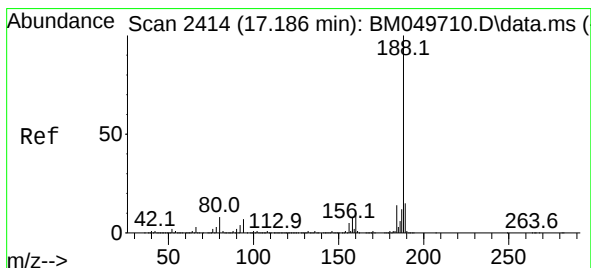
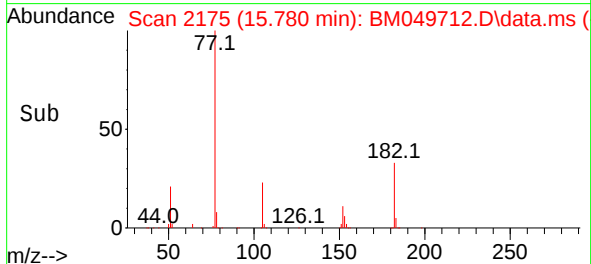
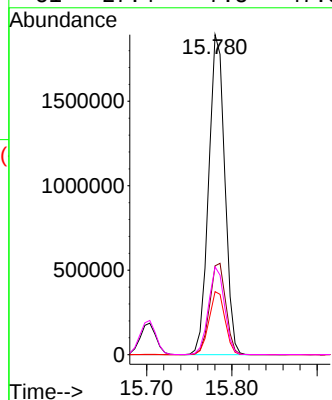
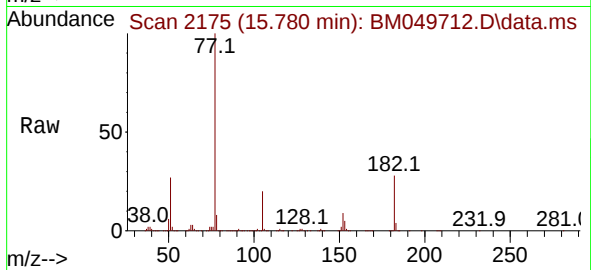
Ion Ratio Lower Upper

77 100

182 27.8 8.0 48.0

105 19.7 0.0 40.0

51 27.4 7.3 47.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.186 min Scan# 2414

Delta R.T. -0.000 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

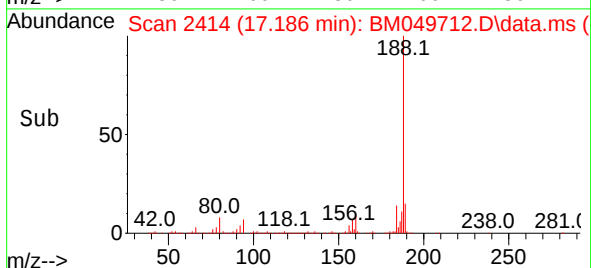
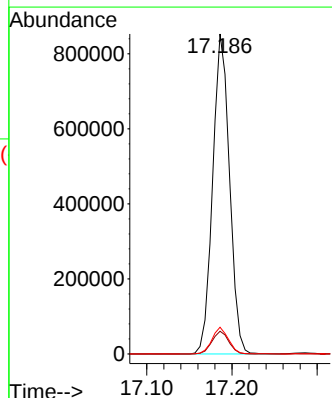
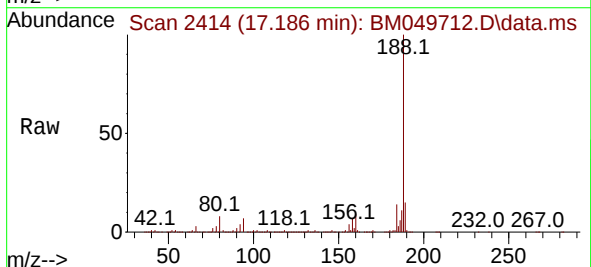
Tgt Ion:188 Resp: 1169651

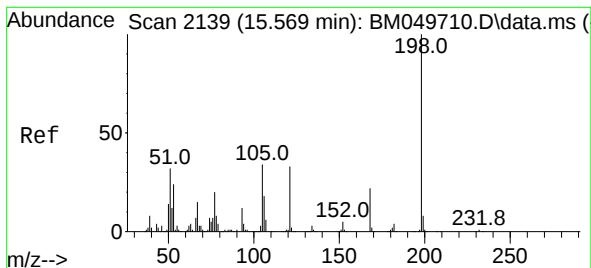
Ion Ratio Lower Upper

188 100

94 7.1 5.8 8.6

80 8.3 6.3 9.5

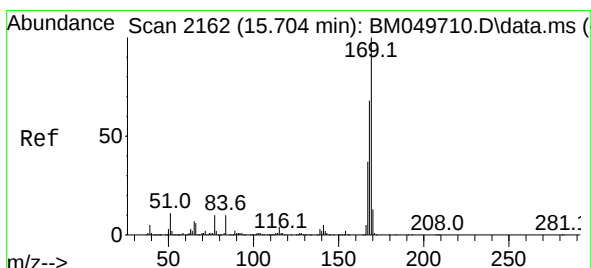
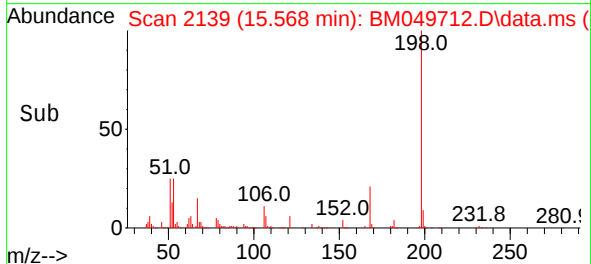
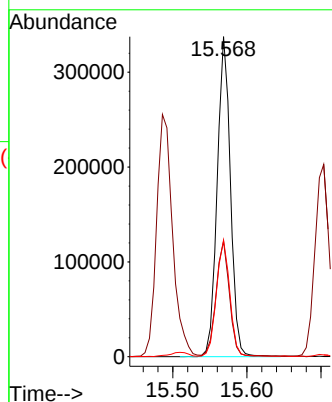
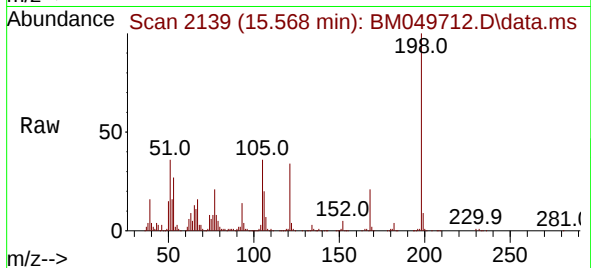




#65
4,6-Dinitro-2-methylphenol
Concen: 61.103 ng
RT: 15.568 min Scan# 2139
Delta R.T. -0.001 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

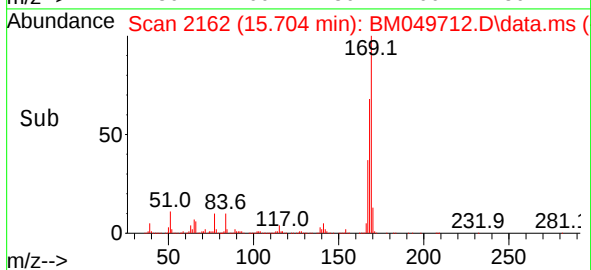
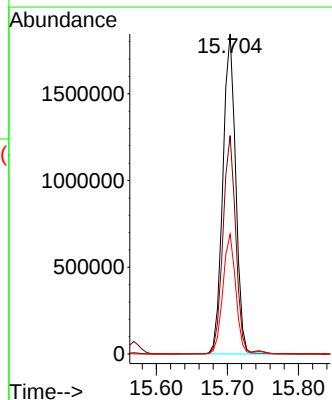
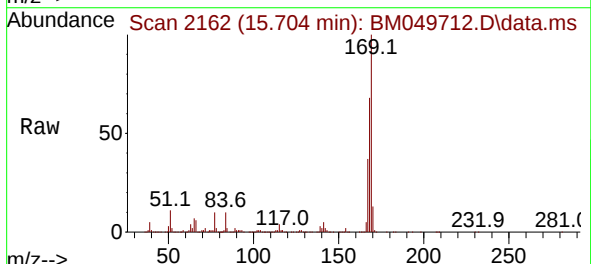
Instrument :
BNA_M
ClientSampleId :

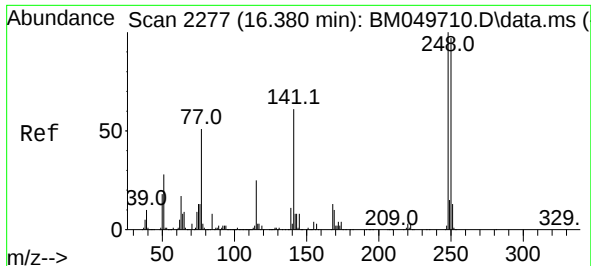
Tgt Ion:198 Resp: 417995
Ion Ratio Lower Upper
198 100
51 36.1 13.8 53.8
105 36.4 14.0 54.0



#66
n-Nitrosodiphenylamine
Concen: 64.980 ng
RT: 15.704 min Scan# 2162
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

Tgt Ion:169 Resp: 2302780
Ion Ratio Lower Upper
169 100
168 68.3 54.8 82.2
167 37.4 29.9 44.9





#67

4-Bromophenyl-phenylether

Concen: 65.299 ng

RT: 16.380 min Scan# 2277

Delta R.T. -0.000 min

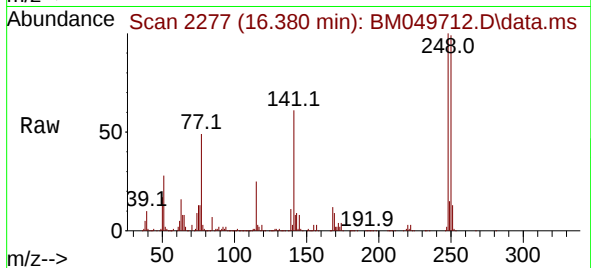
Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

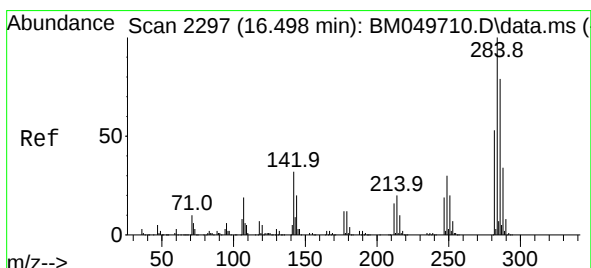
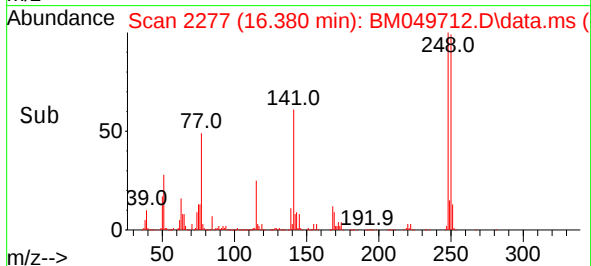
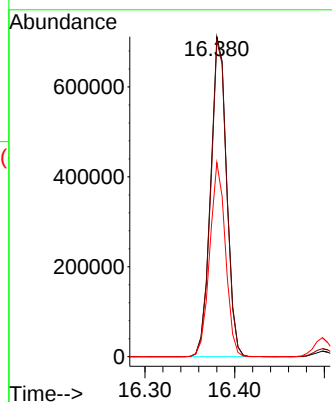
Instrument :

BNA_M

ClientSampleId :



Tgt Ion:	248	Resp:	881819
Ion Ratio	Lower	Upper	
248	100		
250	98.8	77.9	116.9
141	60.7	48.6	73.0



#68

Hexachlorobenzene

Concen: 64.964 ng

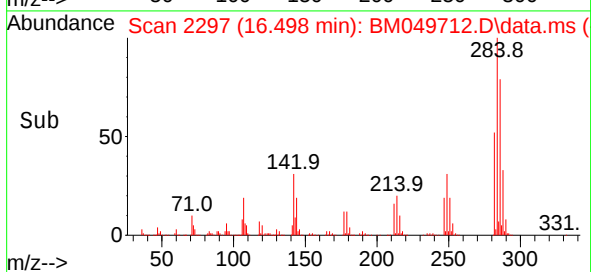
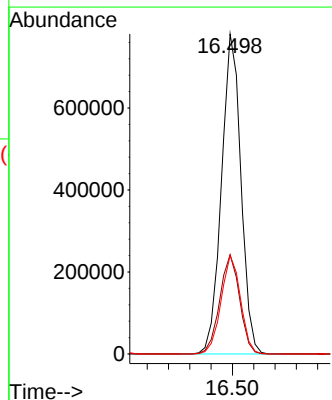
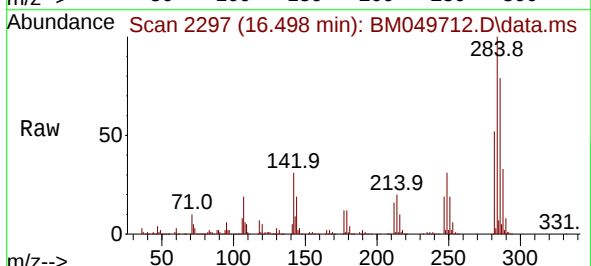
RT: 16.498 min Scan# 2297

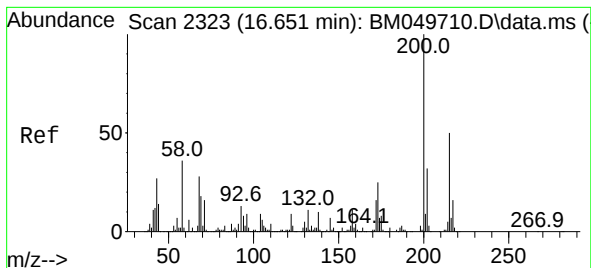
Delta R.T. -0.000 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

Tgt Ion:	284	Resp:	986543
Ion Ratio	Lower	Upper	
284	100		
142	31.0	25.5	38.3
249	30.9	24.2	36.2





#69

Atrazine

Concen: 38.281 ng

RT: 16.651 min Scan# 2323

Delta R.T. -0.000 min

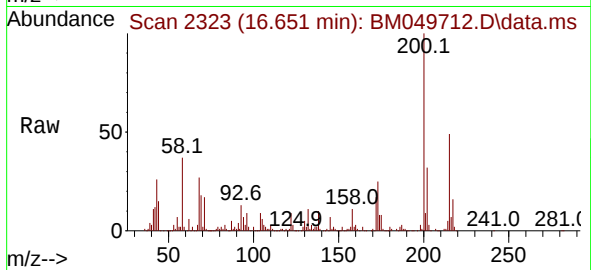
Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

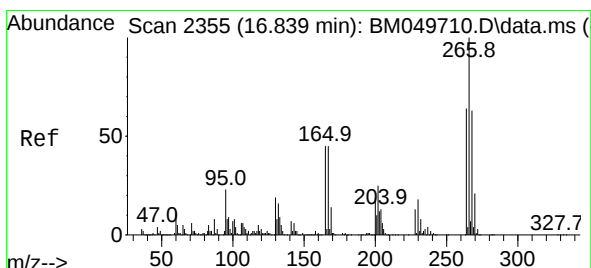
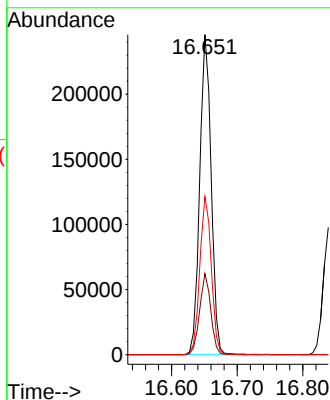
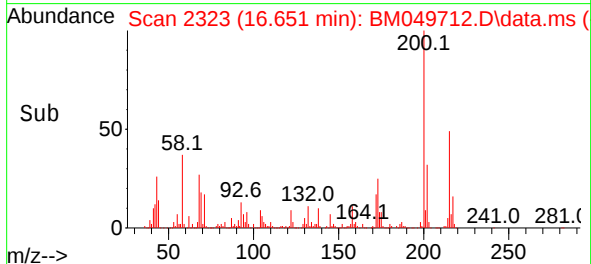
Instrument :

BNA_M

ClientSampleId :



Tgt Ion:	200	Resp:	298973
Ion Ratio	Lower	Upper	
200	100		
173	25.4	5.4	45.4
215	49.4	29.8	69.8



#70

Pentachlorophenol

Concen: 67.839 ng

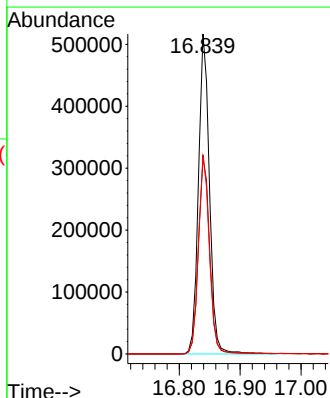
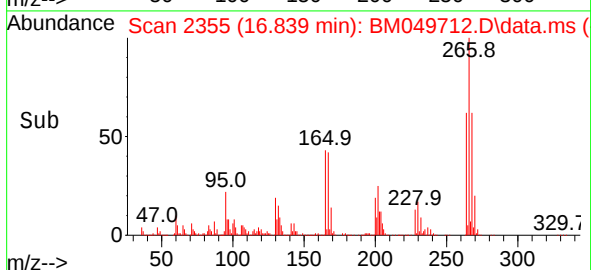
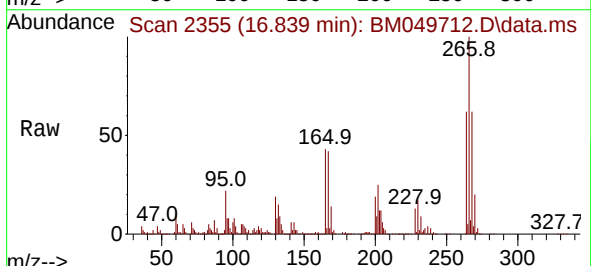
RT: 16.839 min Scan# 2355

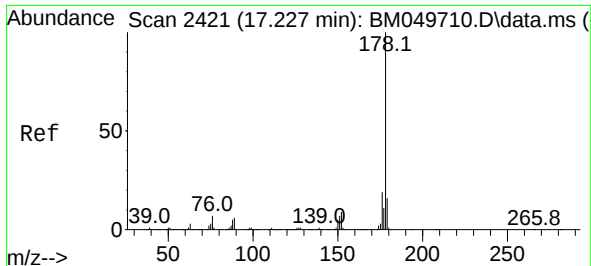
Delta R.T. -0.000 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

Tgt Ion:	266	Resp:	647404
Ion Ratio	Lower	Upper	
266	100		
268	61.5	50.2	75.2
264	62.3	51.3	76.9

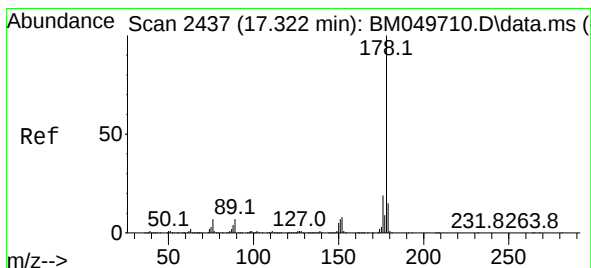
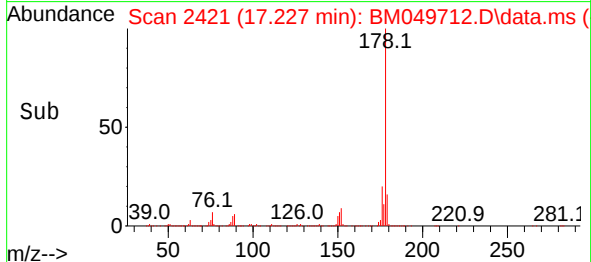
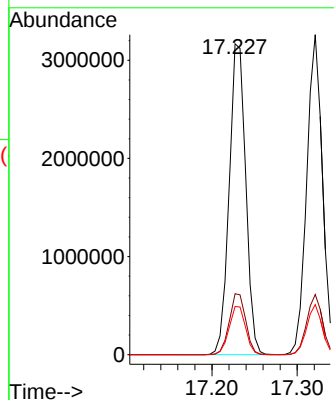
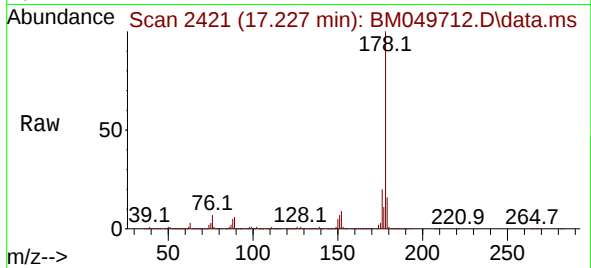




#71
Phenanthrene
Concen: 65.716 ng
RT: 17.227 min Scan# 2421
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

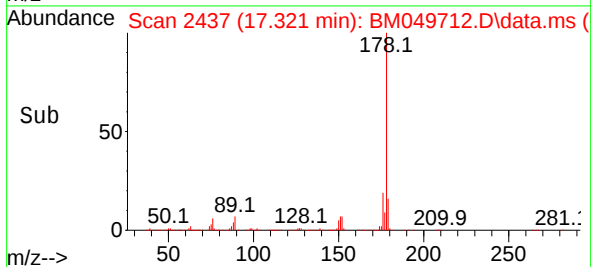
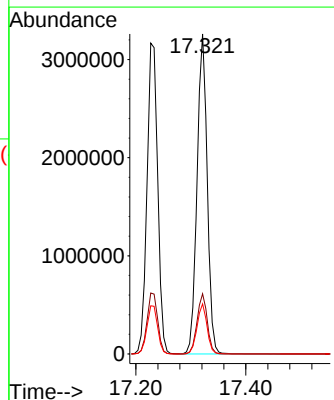
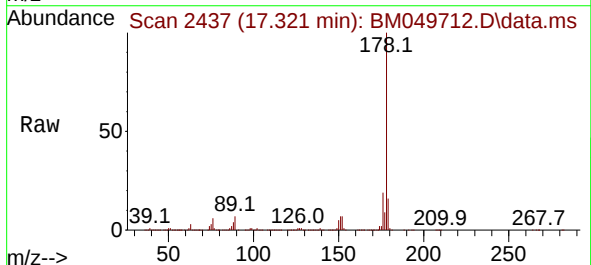
Instrument :
BNA_M
ClientSampleId :

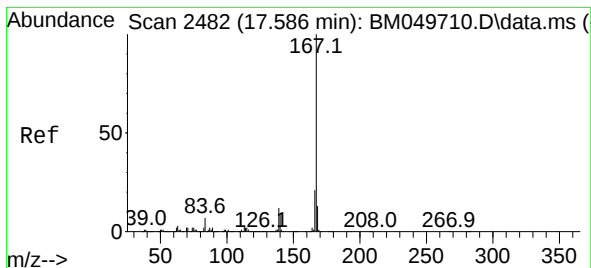
Tgt Ion:178 Resp: 4268082
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.5 12.5 18.7



#72
Anthracene
Concen: 66.580 ng
RT: 17.321 min Scan# 2437
Delta R.T. -0.000 min
Lab File: BM049712.D
Acq: 13 Mar 2025 12:58

Tgt Ion:178 Resp: 4187832
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.7 12.4 18.6





#73

Carbazole

Concen: 67.182 ng

RT: 17.592 min Scan# 2482

Delta R.T. 0.005 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

Instrument :

BNA_M

ClientSampleId :

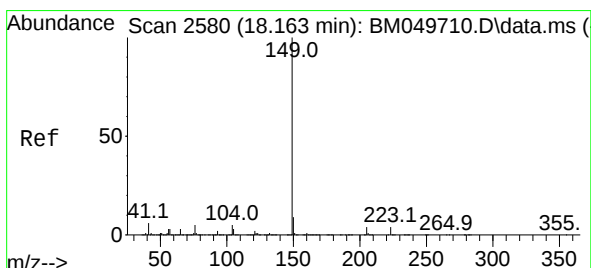
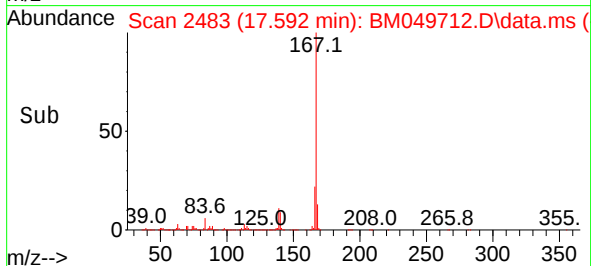
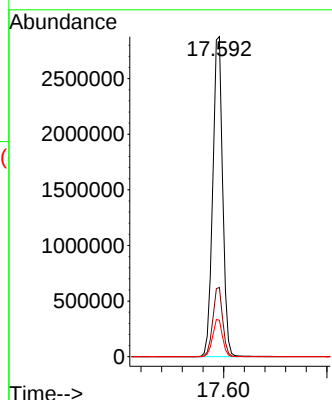
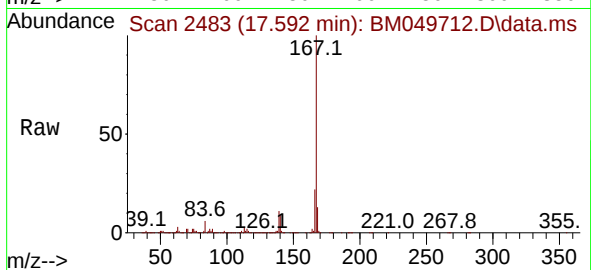
Tgt Ion:167 Resp: 3826935

Ion Ratio Lower Upper

167 100

166 21.6 17.0 25.6

139 11.4 9.4 14.2



#74

Di-n-butylphthalate

Concen: 67.499 ng

RT: 18.162 min Scan# 2580

Delta R.T. -0.000 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

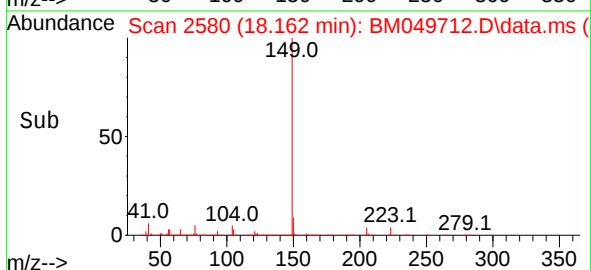
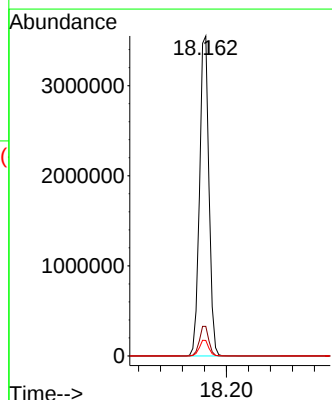
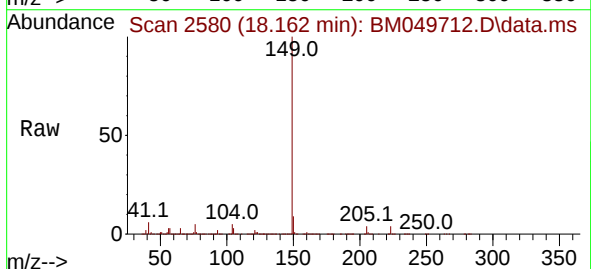
Tgt Ion:149 Resp: 4214218

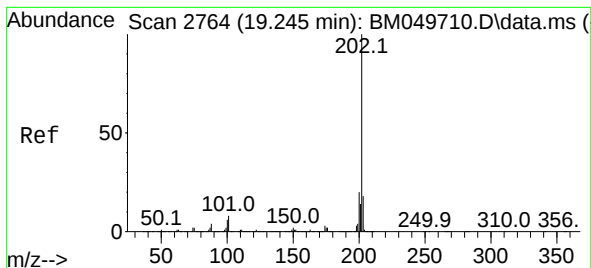
Ion Ratio Lower Upper

149 100

150 9.2 7.2 10.8

104 4.8 3.9 5.9





#75

Fluoranthene

Concen: 69.531 ng

RT: 19.245 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

Instrument :

BNA_M

ClientSampleId :

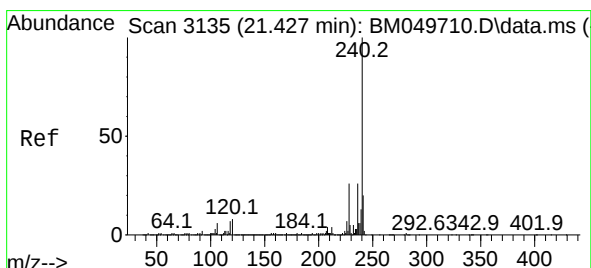
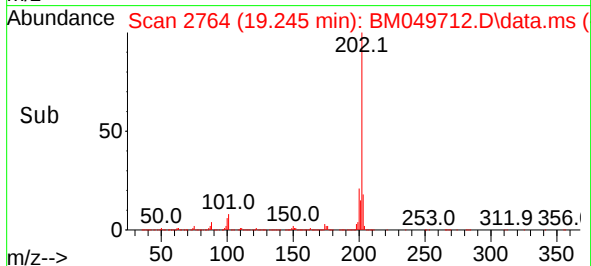
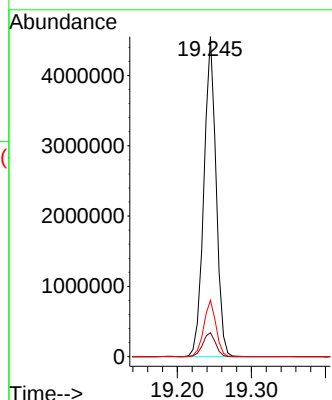
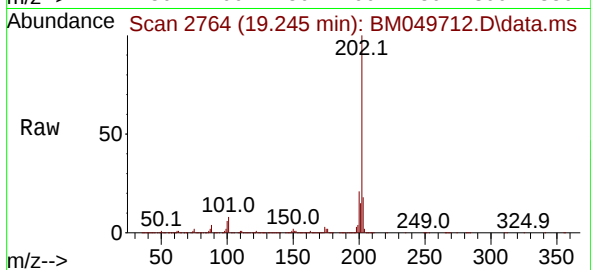
Tgt Ion:202 Resp: 5199093

Ion Ratio Lower Upper

202 100

101 7.5 0.0 27.8

203 17.7 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.427 min Scan# 3135

Delta R.T. -0.000 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

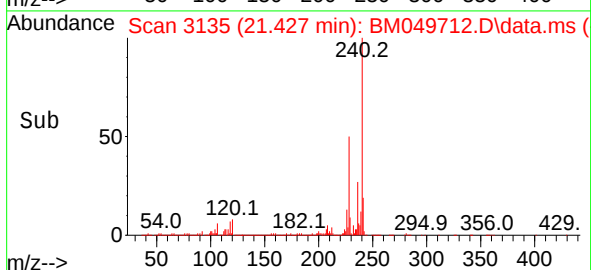
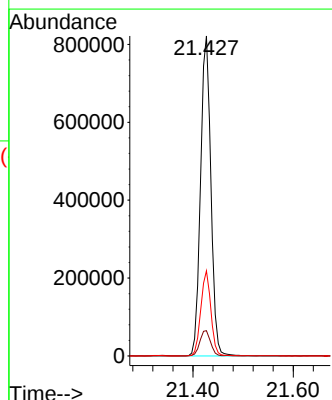
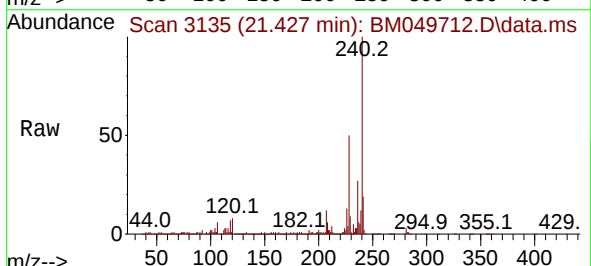
Tgt Ion:240 Resp: 1173482

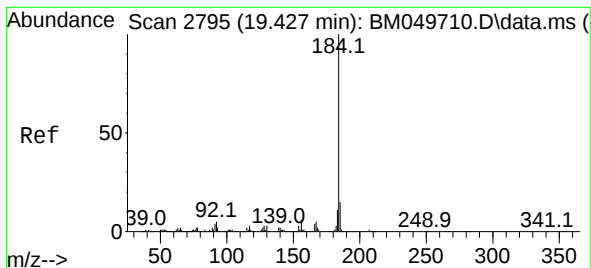
Ion Ratio Lower Upper

240 100

120 7.9 6.5 9.7

236 26.6 20.7 31.1





#77

Benzidine

Concen: 54.727 ng

RT: 19.427 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

Instrument :

BNA_M

ClientSampleId :

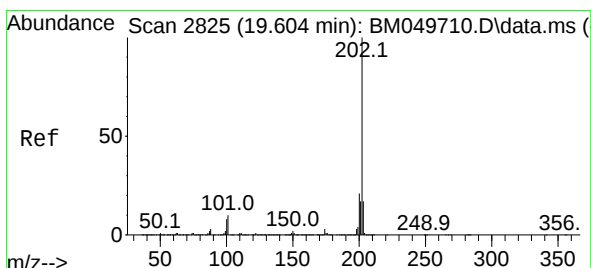
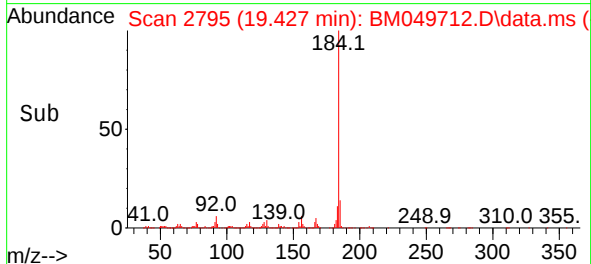
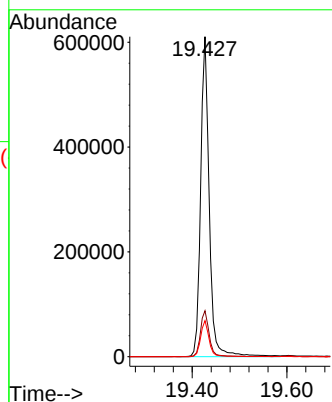
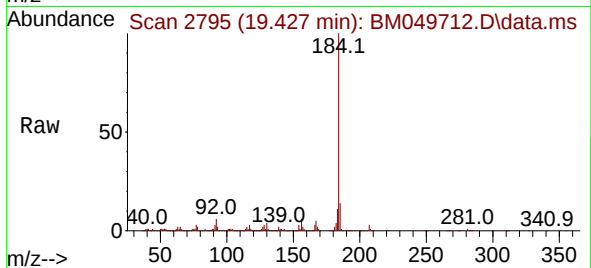
Tgt Ion:184 Resp: 771546

Ion Ratio Lower Upper

184 100

185 14.3 11.7 17.5

183 11.2 8.8 13.2



#78

Pyrene

Concen: 66.127 ng

RT: 19.609 min Scan# 2826

Delta R.T. 0.005 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

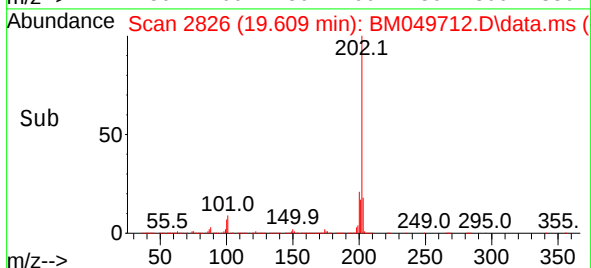
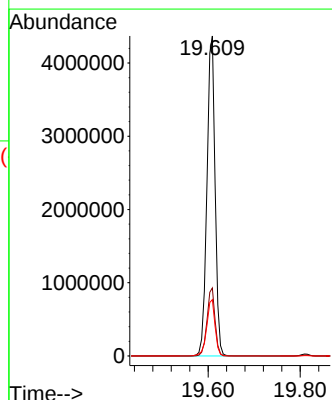
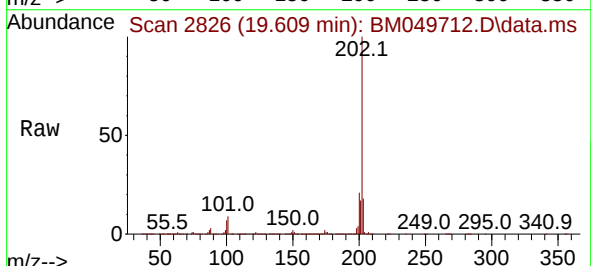
Tgt Ion:202 Resp: 5421531

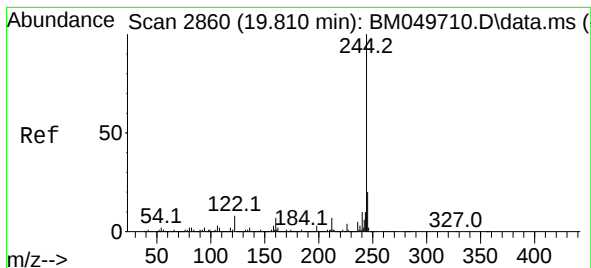
Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.4

203 17.6 14.0 21.0





#79

Terphenyl-d14

Concen: 138.909 ng

RT: 19.809 min Scan# 2

Delta R.T. -0.000 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

Instrument :

BNA_M

ClientSampleId :

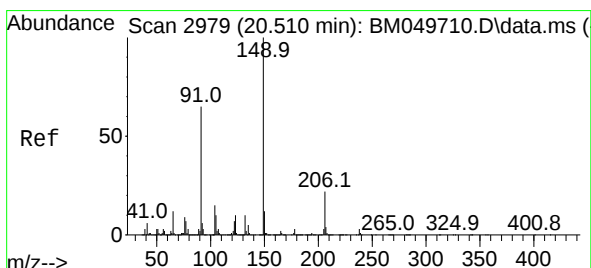
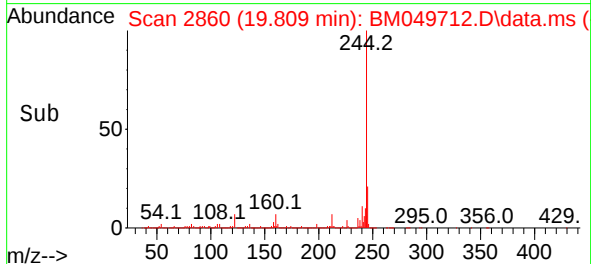
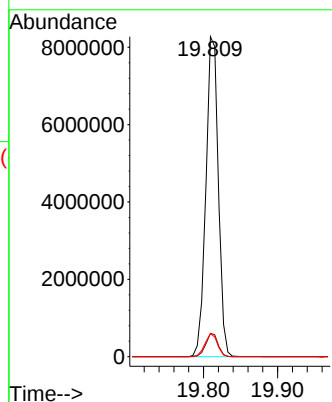
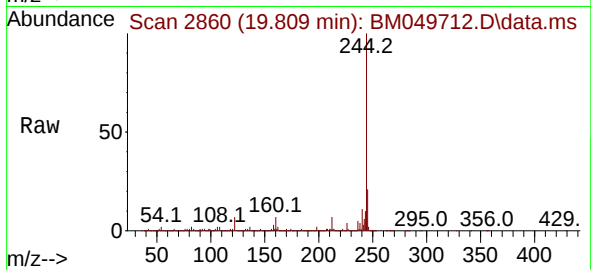
Tgt Ion:244 Resp: 9673323

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

122 7.2 6.0 9.0



#80

Butylbenzylphthalate

Concen: 67.988 ng

RT: 20.509 min Scan# 2979

Delta R.T. -0.000 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

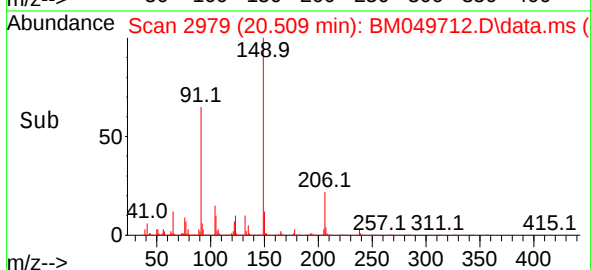
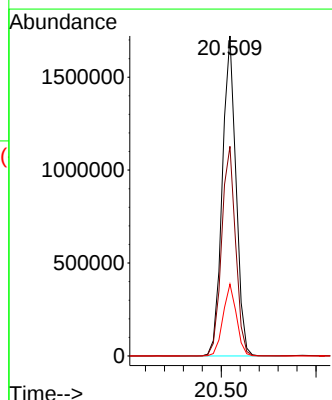
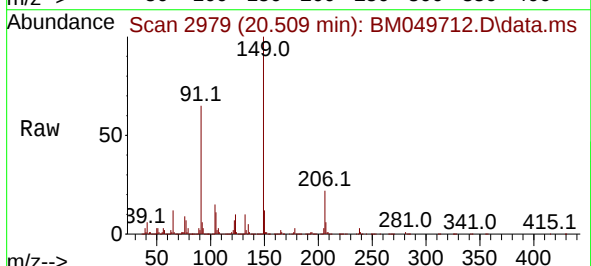
Tgt Ion:149 Resp: 1729836

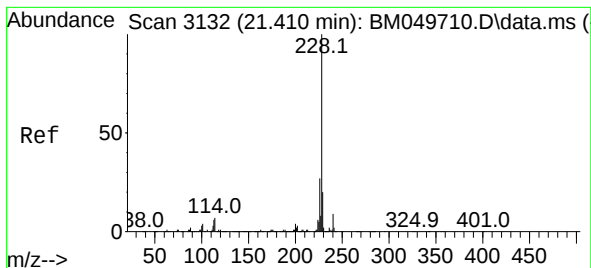
Ion Ratio Lower Upper

149 100

91 65.5 52.2 78.4

206 22.4 17.6 26.4





#81

Benzo(a)anthracene

Concen: 65.644 ng

RT: 21.409 min Scan# 3119

Delta R.T. -0.000 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

Instrument :

BNA_M

ClientSampleId :

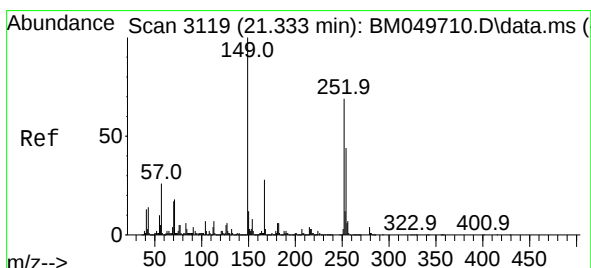
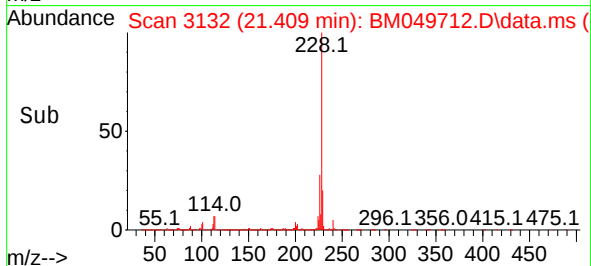
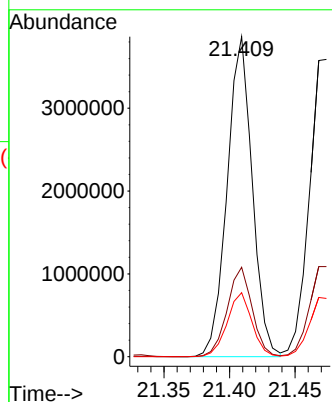
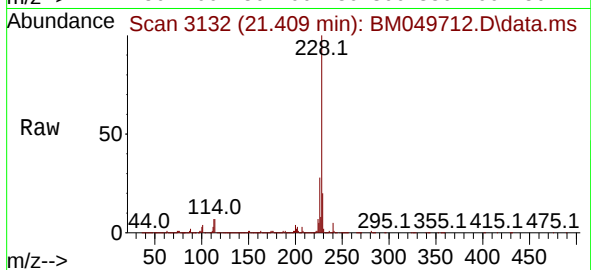
Tgt Ion:228 Resp: 5145212

Ion Ratio Lower Upper

228 100

226 28.0 22.0 33.0

229 20.0 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 66.120 ng

RT: 21.333 min Scan# 3119

Delta R.T. -0.000 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

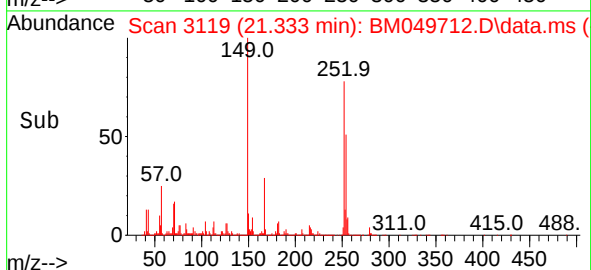
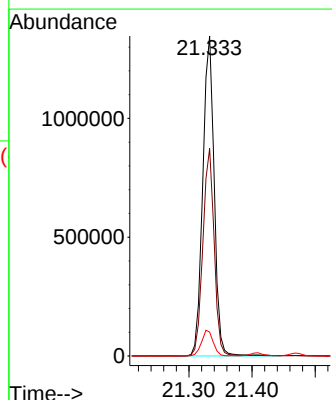
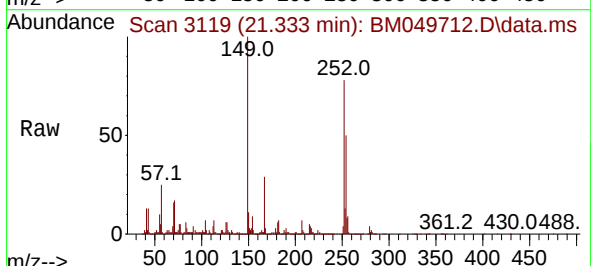
Tgt Ion:252 Resp: 1687314

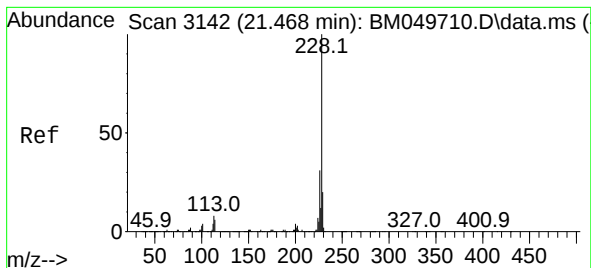
Ion Ratio Lower Upper

252 100

254 64.9 51.0 76.4

126 7.5 6.3 9.5





#83

Chrysene

Concen: 65.843 ng

RT: 21.474 min Scan# 3143

Delta R.T. 0.005 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

Instrument :

BNA_M

ClientSampleId :

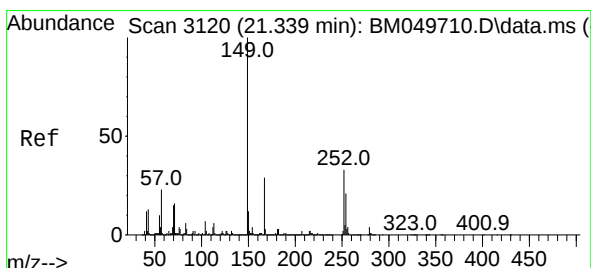
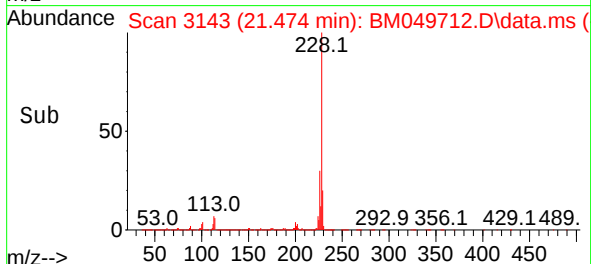
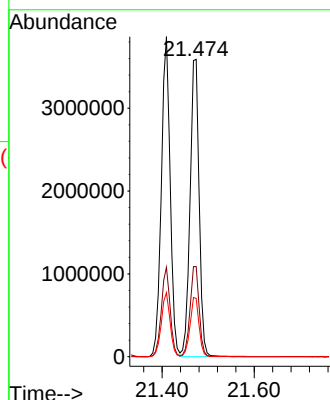
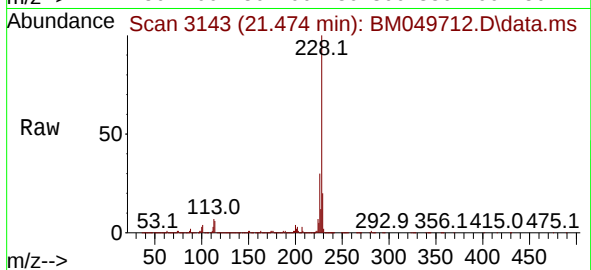
Tgt Ion:228 Resp: 4892160

Ion Ratio Lower Upper

228 100

226 30.3 24.5 36.7

229 19.6 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 66.414 ng

RT: 21.339 min Scan# 3120

Delta R.T. -0.000 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

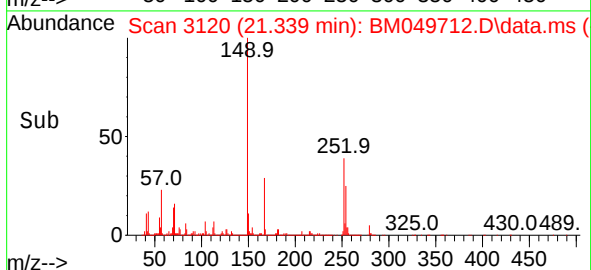
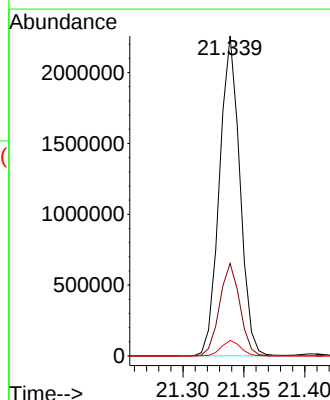
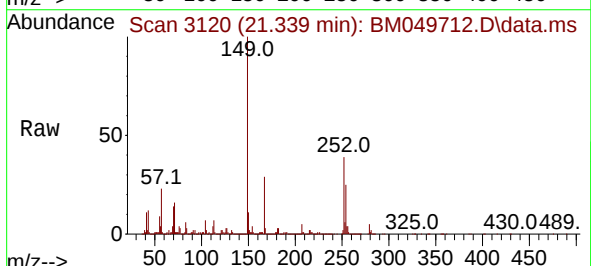
Tgt Ion:149 Resp: 2633480

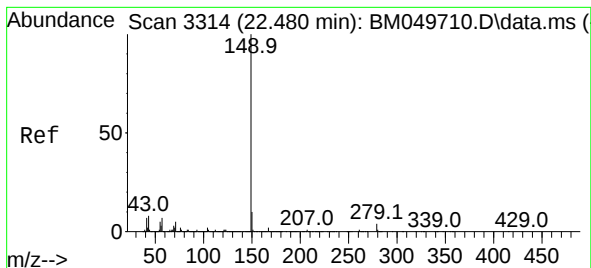
Ion Ratio Lower Upper

149 100

167 28.9 22.9 34.3

279 4.8 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 64.539 ng

RT: 22.480 min Scan# 3314

Delta R.T. -0.000 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

Instrument :

BNA_M

ClientSampleId :

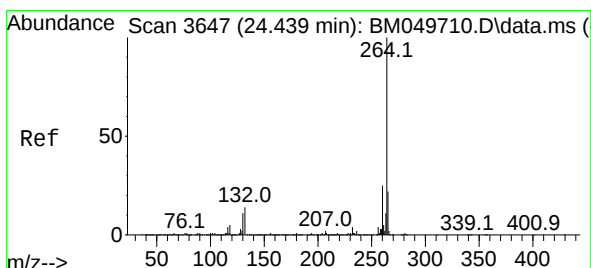
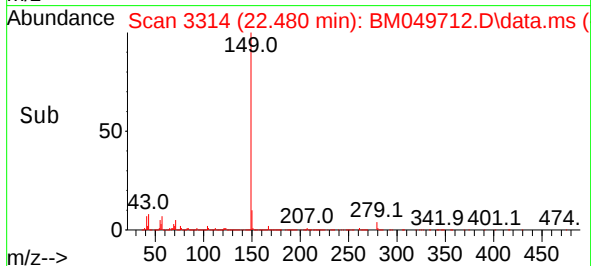
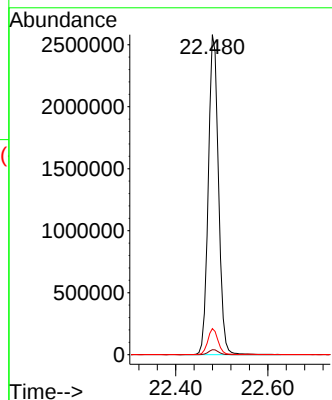
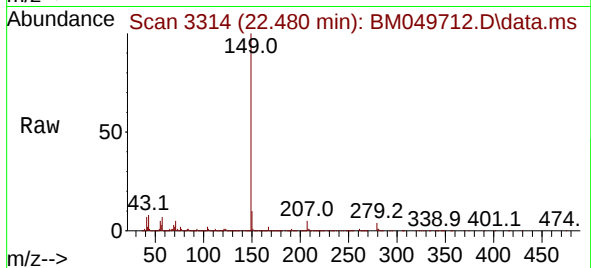
Tgt Ion:149 Resp: 3977588

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.2 6.8 10.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.438 min Scan# 3647

Delta R.T. -0.000 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

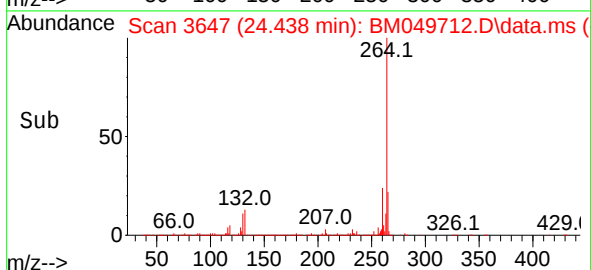
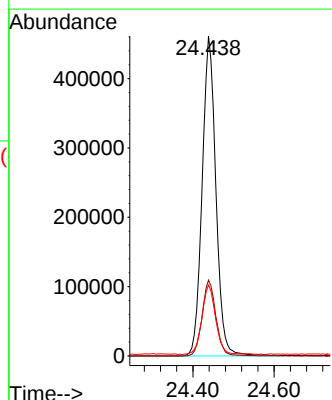
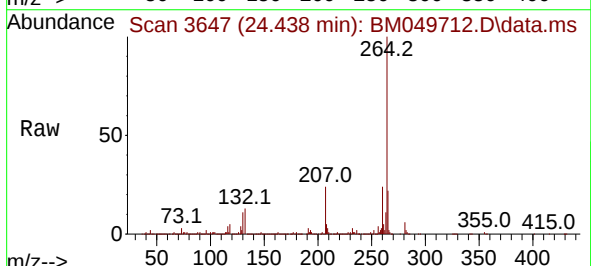
Tgt Ion:264 Resp: 1084370

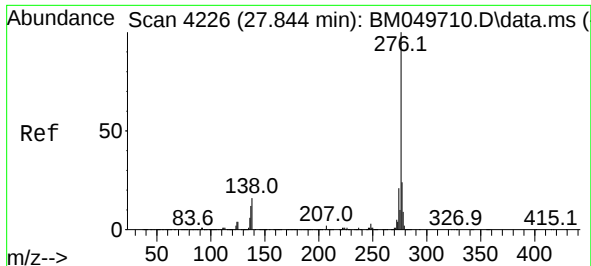
Ion Ratio Lower Upper

264 100

260 23.7 19.6 29.4

265 22.2 18.2 27.2

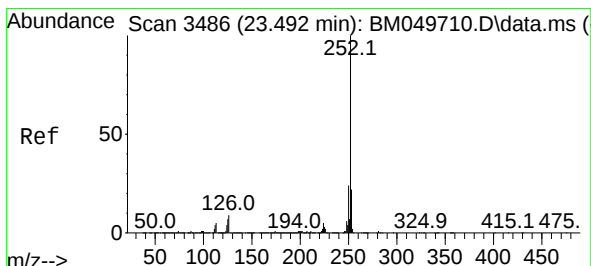
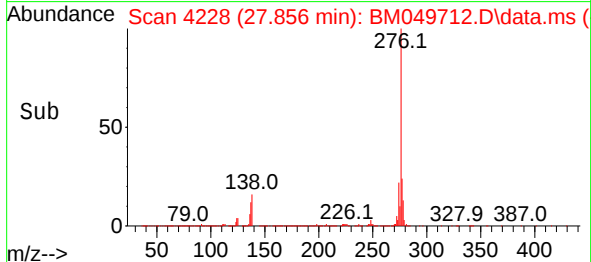
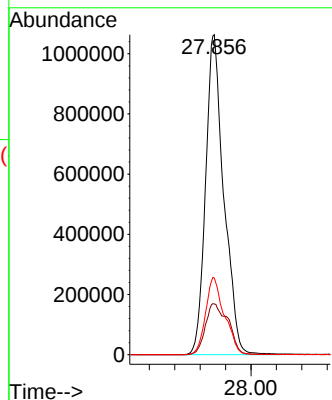
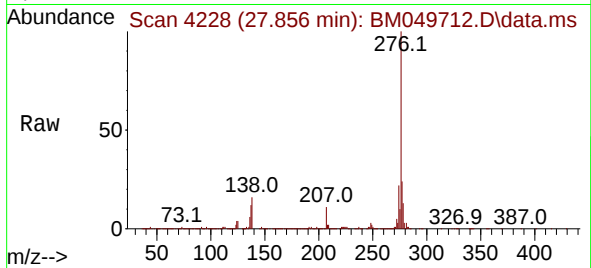




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 67.923 ng
 RT: 27.856 min Scan# 41
 Delta R.T. 0.011 min
 Lab File: BM049712.D
 Acq: 13 Mar 2025 12:58

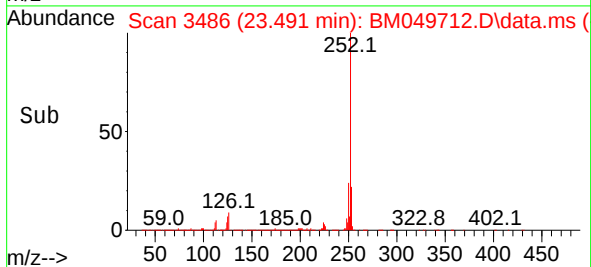
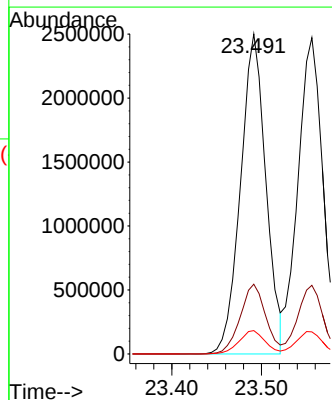
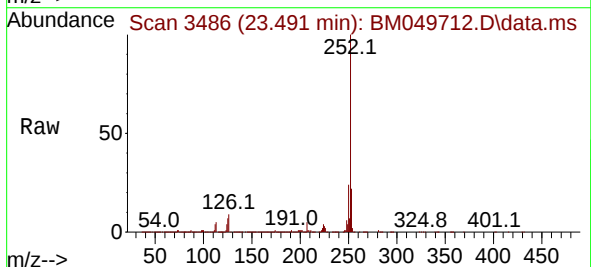
Instrument :
 BNA_M
 ClientSampleId :

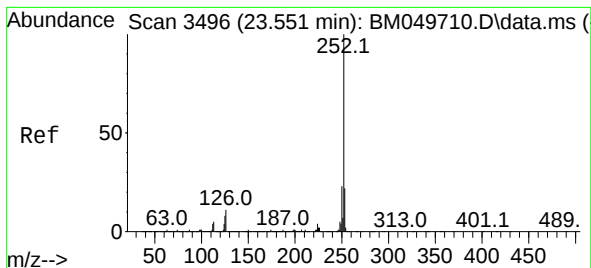
Tgt Ion:276 Resp: 5301272
 Ion Ratio Lower Upper
 276 100
 138 20.0 16.3 24.5
 277 24.9 19.9 29.9



#88
 Benzo(b)fluoranthene
 Concen: 67.158 ng
 RT: 23.491 min Scan# 3486
 Delta R.T. -0.000 min
 Lab File: BM049712.D
 Acq: 13 Mar 2025 12:58

Tgt Ion:252 Resp: 4904977
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.4 26.0
 125 7.3 5.9 8.9





#89

Benzo(k)fluoranthene

Concen: 66.934 ng

RT: 23.556 min Scan# 3496

Delta R.T. 0.005 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

Instrument :

BNA_M

ClientSampleId :

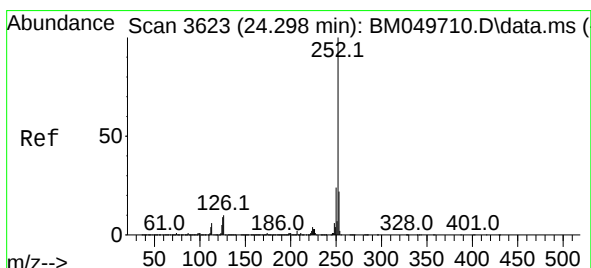
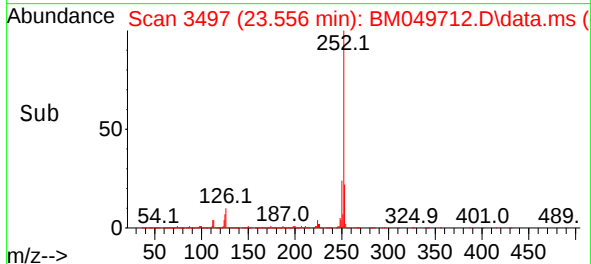
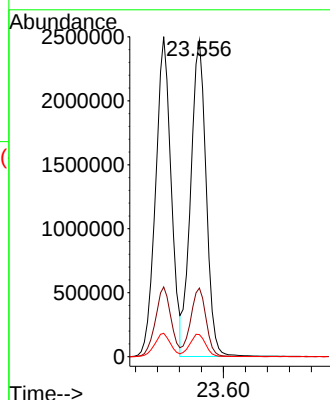
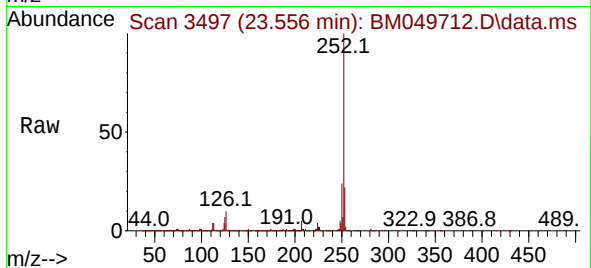
Tgt Ion:252 Resp: 4810286

Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 7.0 6.2 9.2



#90

Benzo(a)pyrene

Concen: 67.883 ng

RT: 24.303 min Scan# 3624

Delta R.T. 0.006 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

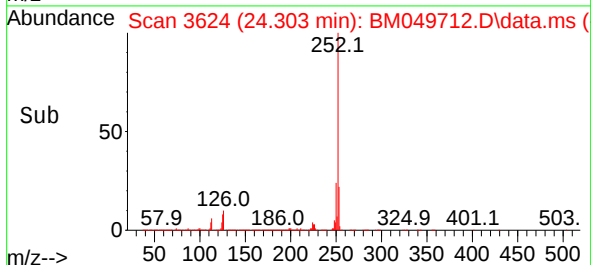
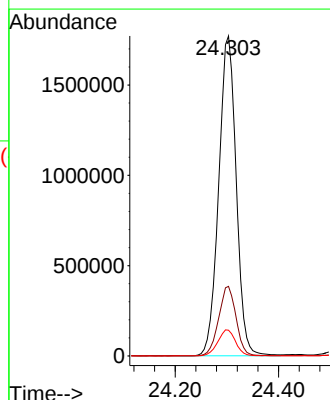
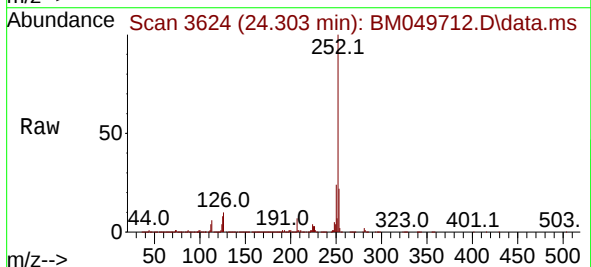
Tgt Ion:252 Resp: 4164433

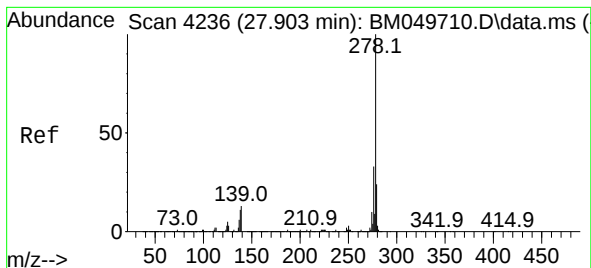
Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 8.0 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 67.722 ng

RT: 27.909 min Scan# 4407

Delta R.T. 0.005 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

Instrument :

BNA_M

ClientSampleId :

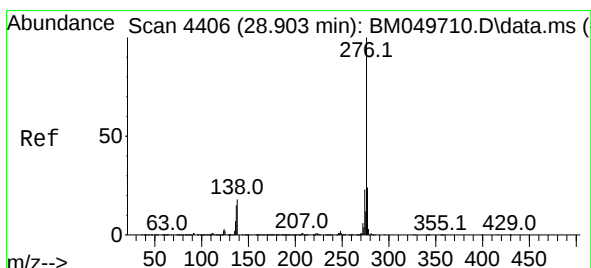
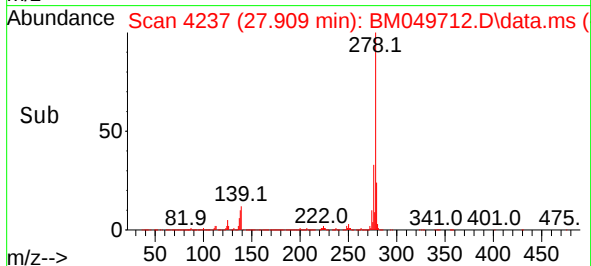
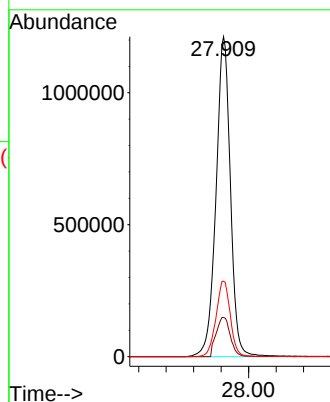
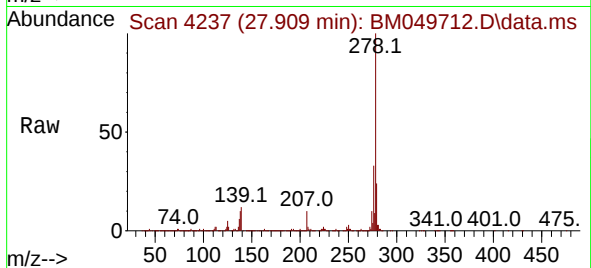
Tgt Ion:278 Resp: 4403728

Ion Ratio Lower Upper

278 100

139 12.3 10.1 15.1

279 23.6 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 66.781 ng

RT: 28.915 min Scan# 4408

Delta R.T. 0.011 min

Lab File: BM049712.D

Acq: 13 Mar 2025 12:58

Tgt Ion:276 Resp: 4374098

Ion Ratio Lower Upper

276 100

277 24.0 18.8 28.2

138 17.2 14.0 21.0

