

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031325\
 Data File : BM049711.D
 Acq On : 13 Mar 2025 12:19
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 13 14:42:28 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	343156	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	1142867	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	676067	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	1230919	20.000	ng	0.00
76) Chrysene-d12	21.427	240	1192033	20.000	ng	0.00
86) Perylene-d12	24.439	264	1121126	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	2126098	104.542	ng	0.00
7) Phenol-d6	6.981	99	2664041	104.381	ng	0.00
23) Nitrobenzene-d5	8.963	82	2304709	103.536	ng	0.00
42) 2,4,6-Tribromophenol	15.933	330	911616	115.476	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	5733658	106.213	ng	0.00
79) Terphenyl-d14	19.809	244	8058803	113.924	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.287	88	439502	49.921	ng	99
3) Pyridine	3.687	79	969131	43.049	ng	98
4) n-Nitrosodimethylamine	3.593	42	501117	50.371	ng	99
6) Aniline	7.140	93	1069294	50.009	ng	99
8) 2-Chlorophenol	7.375	128	1037349	51.508	ng	99
9) Benzaldehyde	6.946	77	587735	46.582	ng	98
10) Phenol	7.010	94	1267748	51.228	ng	97
11) bis(2-Chloroethyl)ether	7.234	93	1010944	50.446	ng	99
12) 1,3-Dichlorobenzene	7.698	146	1254499	51.256	ng	99
13) 1,4-Dichlorobenzene	7.846	146	1252803	50.739	ng	99
14) 1,2-Dichlorobenzene	8.163	146	1198091	51.057	ng	99
15) Benzyl Alcohol	8.046	79	838336	52.343	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.340	45	1173127	49.807	ng	99
17) 2-Methylphenol	8.257	107	763369	51.956	ng	99
18) Hexachloroethane	8.893	117	447960	51.375	ng	94
19) n-Nitroso-di-n-propyla...	8.616	70	773184	52.245	ng	98
20) 3+4-Methylphenols	8.581	107	1014565	51.528	ng	98
22) Acetophenone	8.628	105	1505469	51.088	ng	# 99
24) Nitrobenzene	9.004	77	1071054	51.028	ng	99
25) Isophorone	9.534	82	1769403	51.772	ng	100
26) 2-Nitrophenol	9.716	139	488752	54.709	ng	99
27) 2,4-Dimethylphenol	9.781	122	596007	52.413	ng	98
28) bis(2-Chloroethoxy)met...	10.016	93	1230419	51.115	ng	99
29) 2,4-Dichlorophenol	10.251	162	976969	52.725	ng	97
30) 1,2,4-Trichlorobenzene	10.469	180	1181673	50.972	ng	100
31) Naphthalene	10.651	128	3024467	51.466	ng	99
32) Benzoic acid	9.928	122	511116	52.834	ng	99
33) 4-Chloroaniline	10.763	127	1019020	50.809	ng	99
34) Hexachlorobutadiene	10.945	225	745756	52.109	ng	99
35) Caprolactam	11.545	113	226631	52.681	ng	96
36) 4-Chloro-3-methylphenol	11.892	107	825613	51.921	ng	99
37) 2-Methylnaphthalene	12.269	142	2099664	51.096	ng	99
38) 1-Methylnaphthalene	12.486	142	2032245	51.260	ng	99
40) 1,2,4,5-Tetrachloroben...	12.633	216	1320335	53.168	ng	99
41) Hexachlorocyclopentadiene	12.622	237	506457	55.050	ng	96
43) 2,4,6-Trichlorophenol	12.881	196	757946	54.496	ng	99

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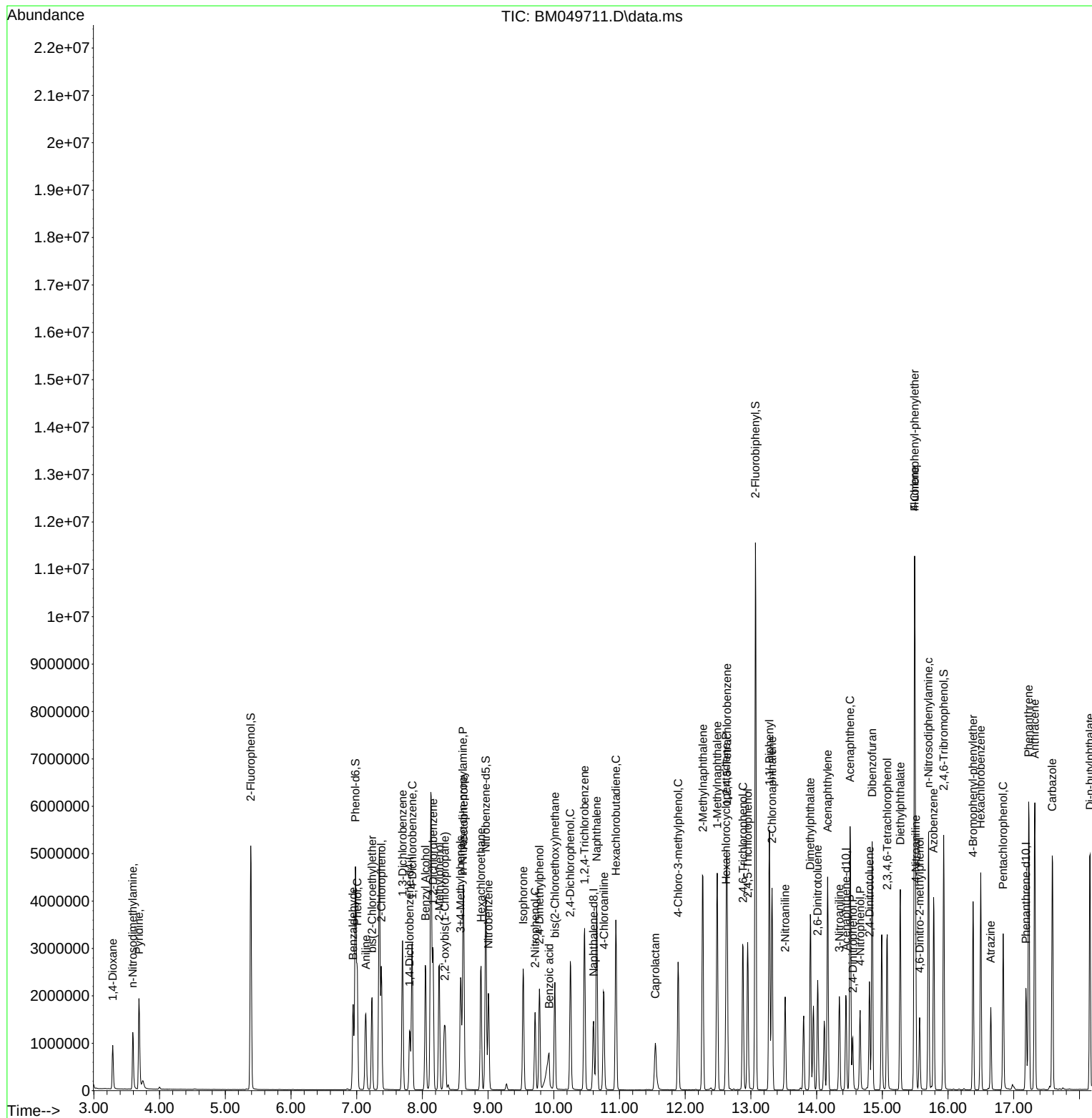
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.951	196	807292	53.190	ng	99
46) 1,1'-Biphenyl	13.280	154	2715061	52.107	ng	100
47) 2-Chloronaphthalene	13.322	162	2103079	51.855	ng	99
48) 2-Nitroaniline	13.522	65	496484	54.532	ng	98
49) Acenaphthylene	14.169	152	2966785	52.334	ng	100
50) Dimethylphthalate	13.904	163	2369244	50.900	ng	100
51) 2,6-Dinitrotoluene	14.016	165	487346	52.253	ng	98
52) Acenaphthene	14.510	154	1935920	52.126	ng	100
53) 3-Nitroaniline	14.345	138	468558	52.794	ng	98
54) 2,4-Dinitrophenol	14.551	184	245877	49.851	ng	97
55) Dibenzofuran	14.845	168	3181581	51.347	ng	99
56) 4-Nitrophenol	14.663	139	392805	50.845	ng	99
57) 2,4-Dinitrotoluene	14.804	165	640402	53.361	ng	99
58) Fluorene	15.492	166	2644175	52.414	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.074	232	665660	52.395	ng	99
60) Diethylphthalate	15.274	149	2261890	51.595	ng	99
61) 4-Chlorophenyl-phenyle...	15.492	204	1471150	53.403	ng	99
62) 4-Nitroaniline	15.510	138	502155	47.589	ng	99
63) Azobenzene	15.780	77	2173983	51.918	ng	99
65) 4,6-Dinitro-2-methylph...	15.569	198	336162	49.773	ng	96
66) n-Nitrosodiphenylamine	15.704	169	1980682	53.109	ng	98
67) 4-Bromophenyl-phenylether	16.380	248	765956	53.896	ng	99
68) Hexachlorobenzene	16.498	284	842630	52.726	ng	99
69) Atrazine	16.651	200	302033	36.748	ng	99
70) Pentachlorophenol	16.839	266	524923	52.267	ng	98
71) Phenanthrene	17.227	178	3564661	52.153	ng	100
72) Anthracene	17.321	178	3519355	53.168	ng	100
73) Carbazole	17.586	167	3125864	52.143	ng	100
74) Di-n-butylphthalate	18.163	149	3583163	54.535	ng	99
75) Fluoranthene	19.245	202	4164429	52.921	ng	100
77) Benzidine	19.427	184	815052	56.913	ng	99
78) Pyrene	19.604	202	4375693	52.541	ng	99
80) Butylbenzylphthalate	20.509	149	1436857	55.594	ng	99
81) Benzo(a)anthracene	21.409	228	4214500	52.933	ng	100
82) 3,3'-Dichlorobenzidine	21.333	252	1413811	54.540	ng	100
83) Chrysene	21.468	228	3970998	52.613	ng	99
84) Bis(2-ethylhexyl)phtha...	21.339	149	2296803	57.022	ng	99
85) Di-n-octyl phthalate	22.480	149	3414666	54.543	ng	100
87) Indeno(1,2,3-cd)pyrene	27.850	276	4391909	54.427	ng	100
88) Benzo(b)fluoranthene	23.492	252	4015121	53.172	ng	99
89) Benzo(k)fluoranthene	23.556	252	3946464	53.113	ng	99
90) Benzo(a)pyrene	24.303	252	3392495	53.487	ng	99
91) Dibenzo(a,h)anthracene	27.909	278	3641852	54.170	ng	99
92) Benzo(g,h,i)perylene	28.915	276	3633253	53.651	ng	99

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

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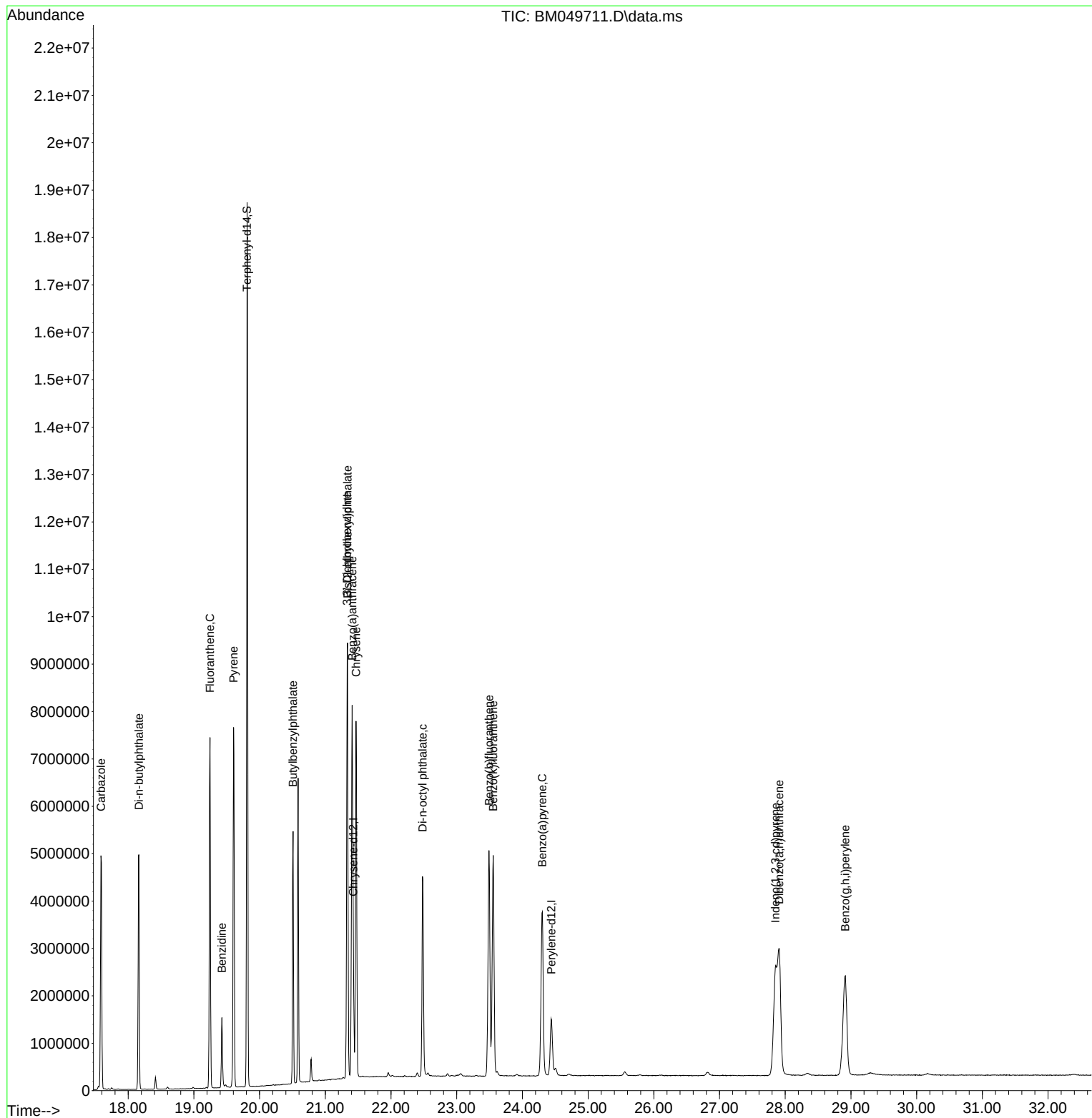
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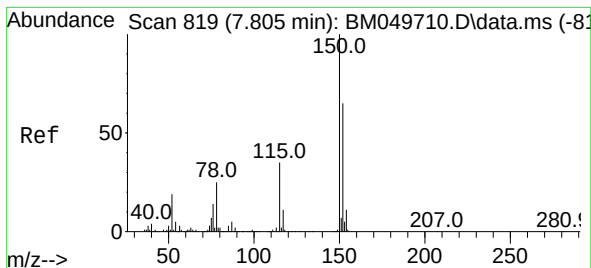


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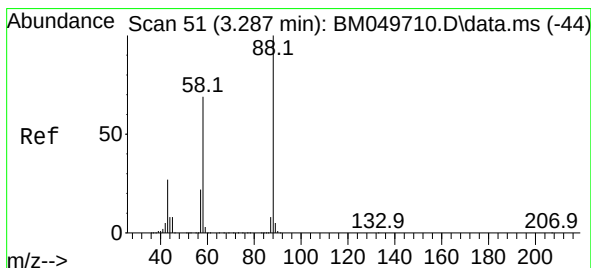
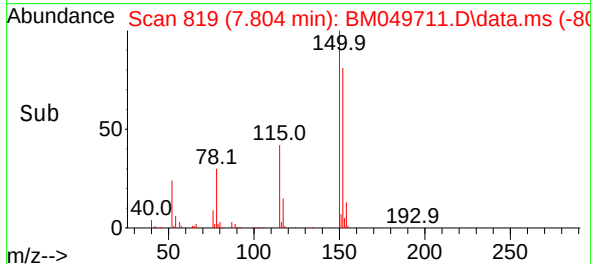
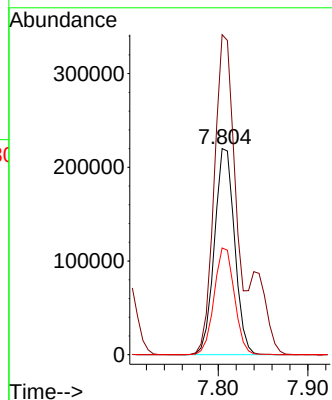
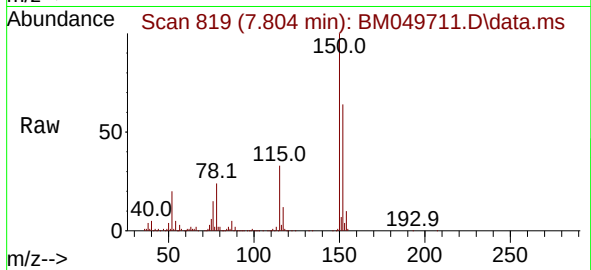




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.804 min Scan# 81
 Delta R.T. -0.001 min
 Lab File: BM049711.D
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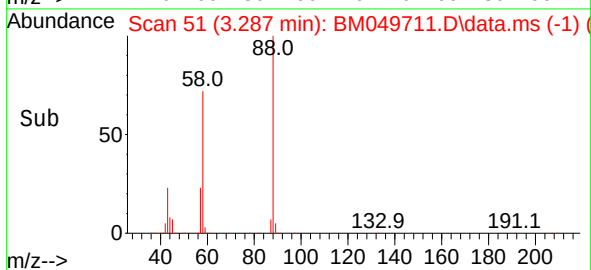
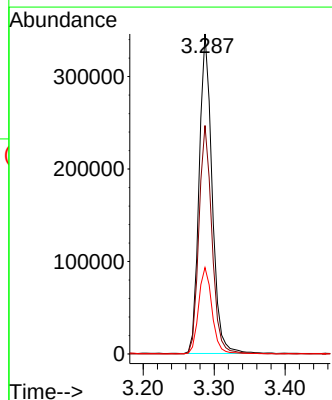
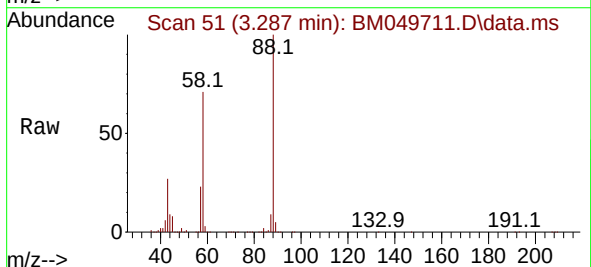
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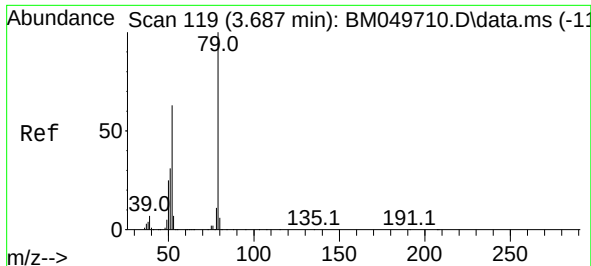
Tgt Ion:152 Resp: 343156
 Ion Ratio Lower Upper
 152 100
 150 155.2 123.8 185.8
 115 51.8 43.0 64.6



#2
 1,4-Dioxane
 Concen: 49.921 ng
 RT: 3.287 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: BM049711.D
 Acq: 13 Mar 2025 12:19

Tgt Ion: 88 Resp: 439502
 Ion Ratio Lower Upper
 88 100
 58 71.8 56.7 85.1
 43 27.9 22.6 34.0

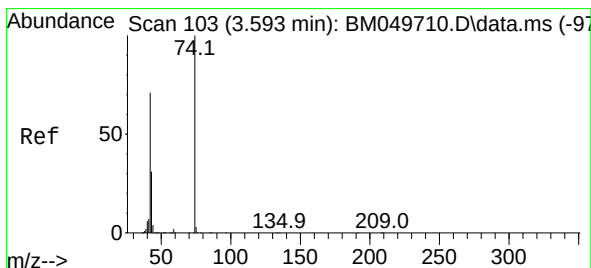
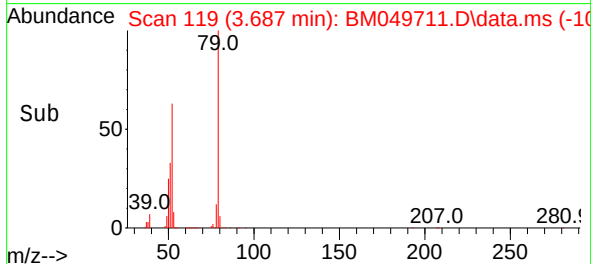
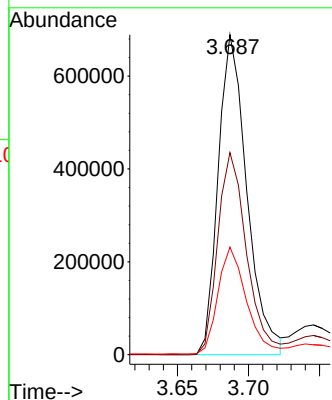
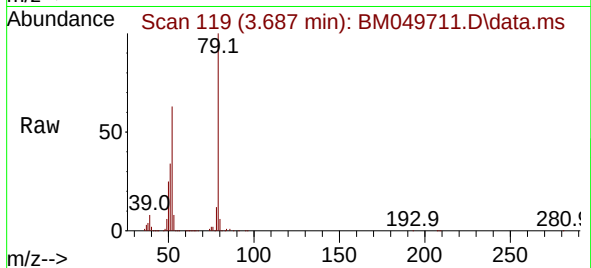




#3
 Pyridine
 Concen: 43.049 ng
 RT: 3.687 min Scan# 119
 Delta R.T. -0.000 min
 Lab File: BM049711.D
 Acq: 13 Mar 2025 12:19

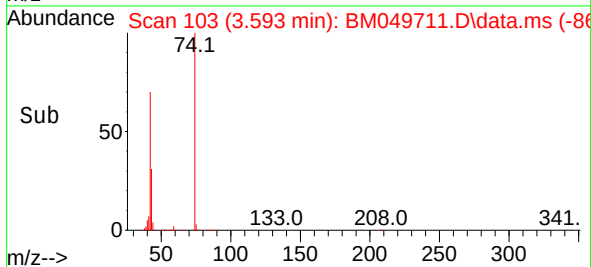
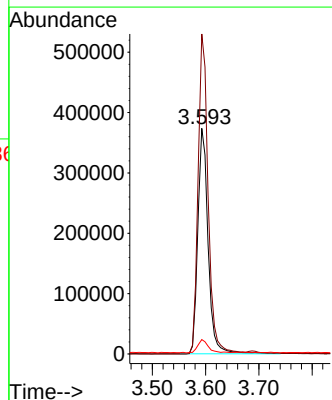
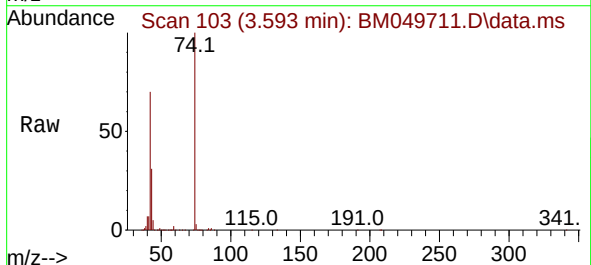
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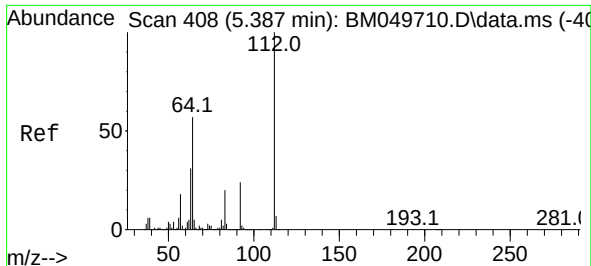
Tgt Ion: 79 Resp: 969131
 Ion Ratio Lower Upper
 79 100
 52 63.2 50.1 75.1
 51 33.6 25.2 37.8



#4
 n-Nitrosodimethylamine
 Concen: 50.371 ng
 RT: 3.593 min Scan# 103
 Delta R.T. -0.000 min
 Lab File: BM049711.D
 Acq: 13 Mar 2025 12:19

Tgt Ion: 42 Resp: 501117
 Ion Ratio Lower Upper
 42 100
 74 141.9 112.6 168.8
 44 6.4 5.0 7.6

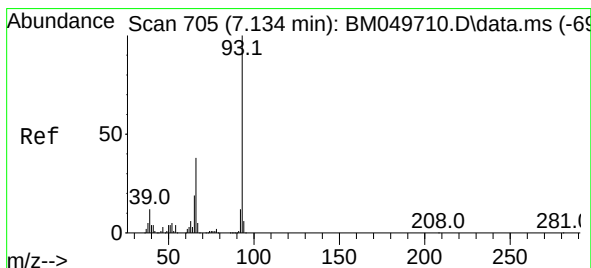
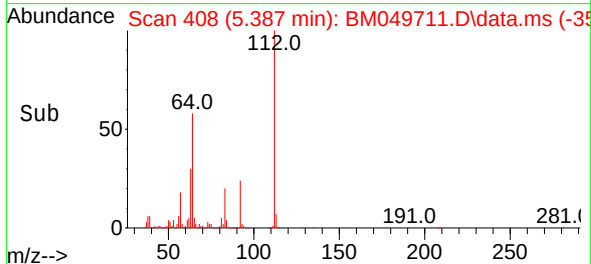
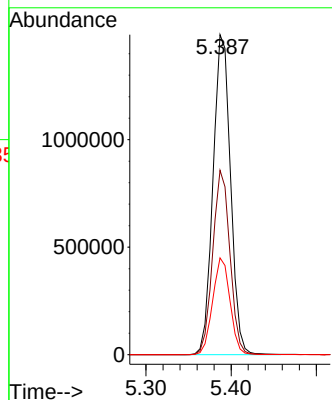
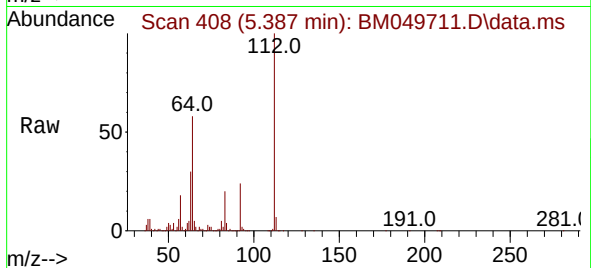




#5
2-Fluorophenol
Concen: 104.542 ng
RT: 5.387 min Scan# 408
Delta R.T. -0.000 min
Lab File: BM049711.D
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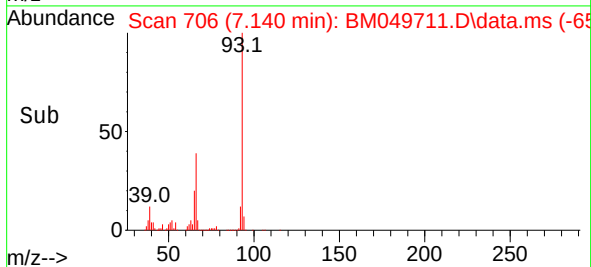
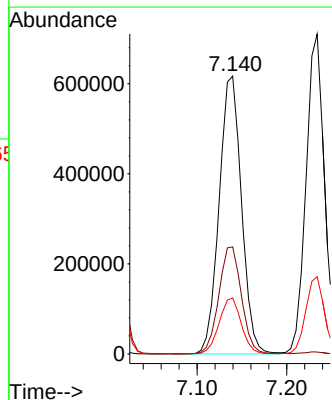
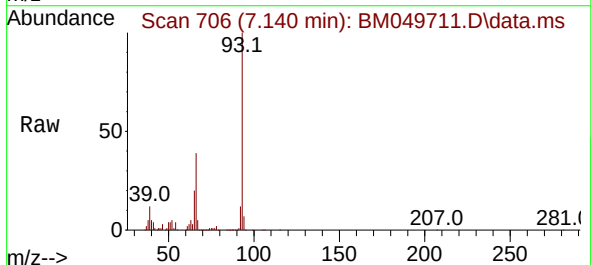
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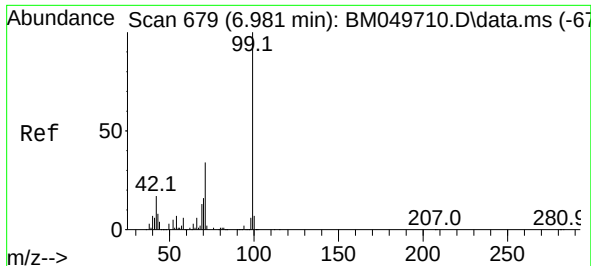
Tgt Ion:112 Resp: 2126098
Ion Ratio Lower Upper
112 100
64 57.6 45.3 67.9
63 30.2 24.4 36.6



#6
Aniline
Concen: 50.009 ng
RT: 7.140 min Scan# 706
Delta R.T. 0.006 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

Tgt Ion: 93 Resp: 1069294
Ion Ratio Lower Upper
93 100
66 38.5 30.6 46.0
65 20.2 15.4 23.2

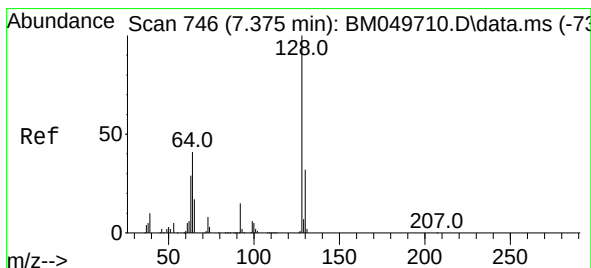
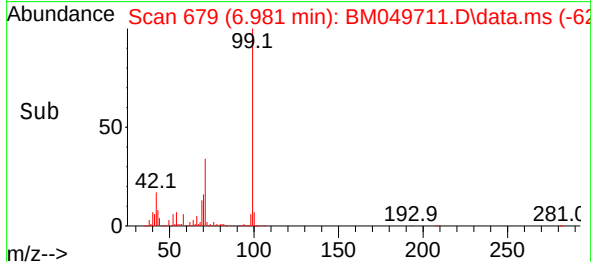
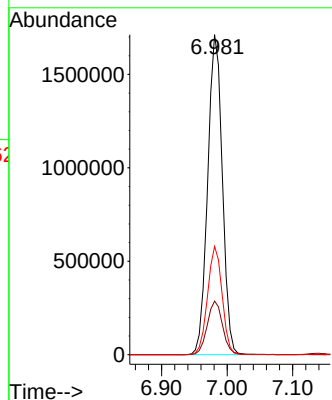
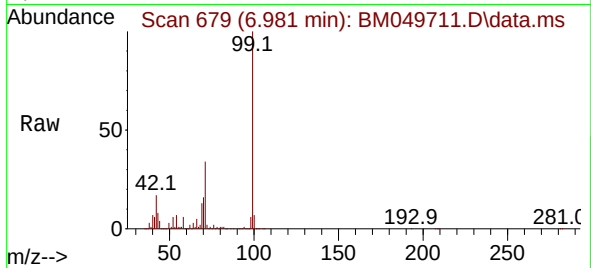




#7
Phenol-d6
Concen: 104.381 ng
RT: 6.981 min Scan# 679
Delta R.T. -0.000 min
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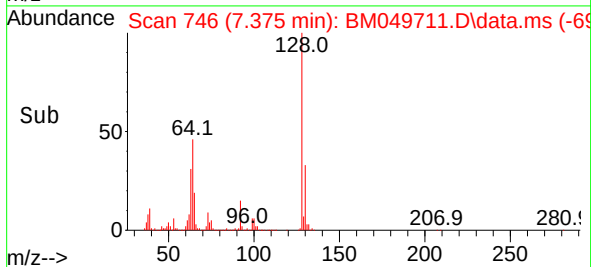
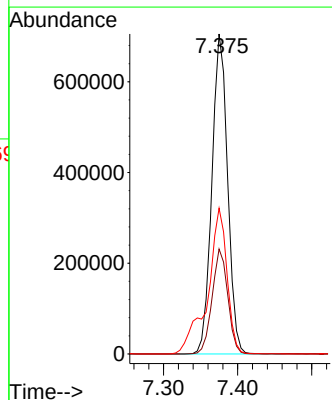
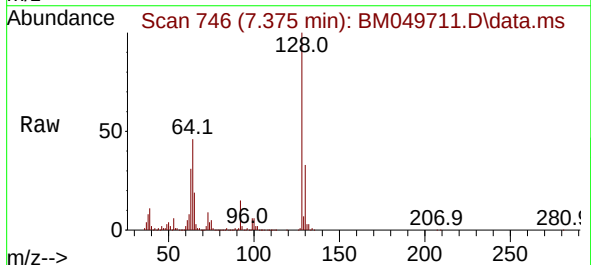
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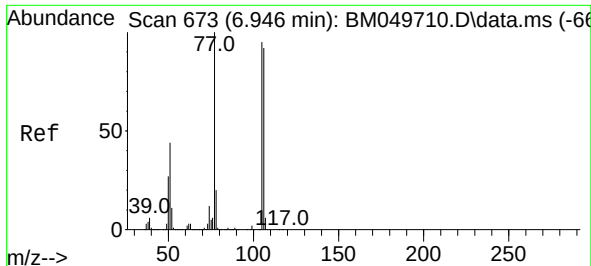
Tgt Ion: 99 Resp: 2664041
Ion Ratio Lower Upper
99 100
42 16.7 13.6 20.4
71 33.9 27.0 40.6



#8
2-Chlorophenol
Concen: 51.508 ng
RT: 7.375 min Scan# 746
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

Tgt Ion: 128 Resp: 1037349
Ion Ratio Lower Upper
128 100
130 32.8 12.5 52.5
64 45.5 24.9 64.9

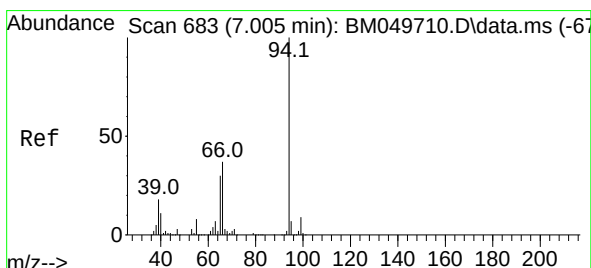
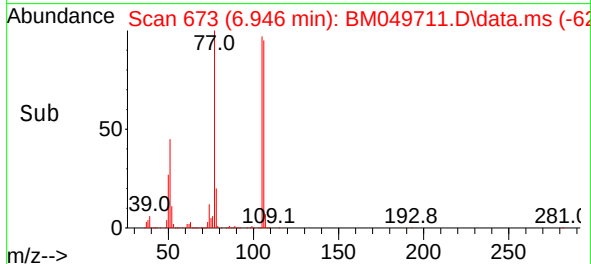
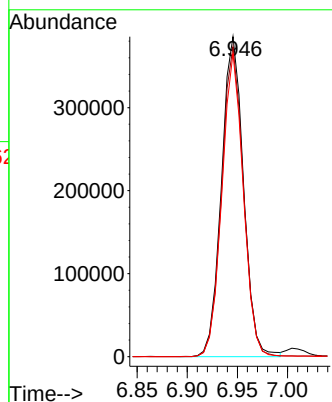
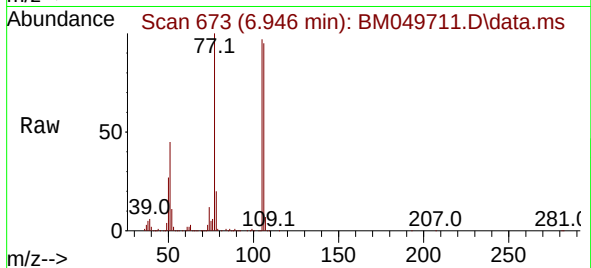




#9
Benzaldehyde
Concen: 46.582 ng
RT: 6.946 min Scan# 61
Delta R.T. -0.000 min
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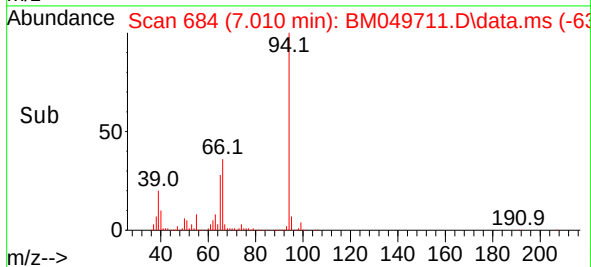
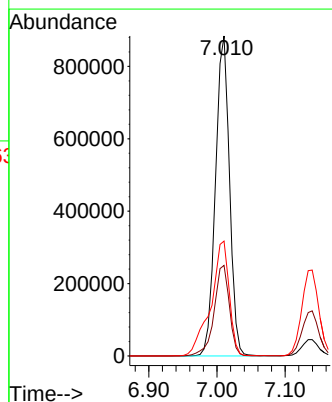
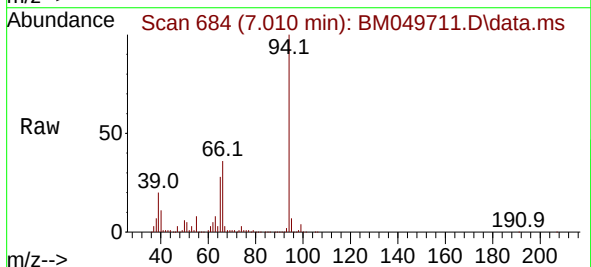
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BNA_M
ClientSampleId :

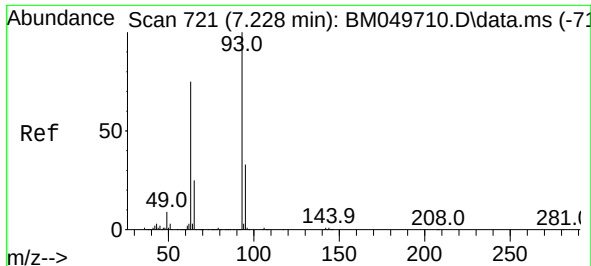
Tgt Ion: 77 Resp: 587735
Ion Ratio Lower Upper
77 100
105 96.9 75.0 115.0
106 94.7 72.3 112.3



#10
Phenol
Concen: 51.228 ng
RT: 7.010 min Scan# 684
Delta R.T. 0.006 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

Tgt Ion: 94 Resp: 1267748
Ion Ratio Lower Upper
94 100
65 28.3 10.4 50.4
66 35.9 17.1 57.1

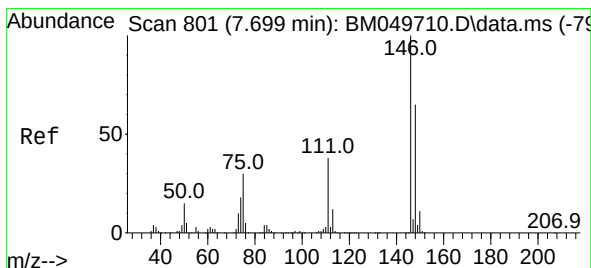
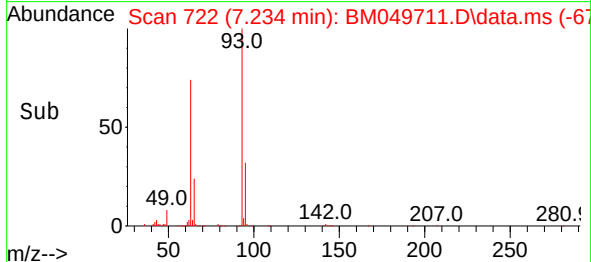
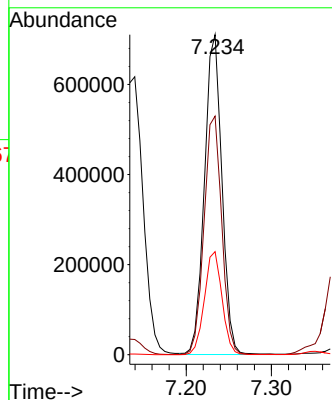
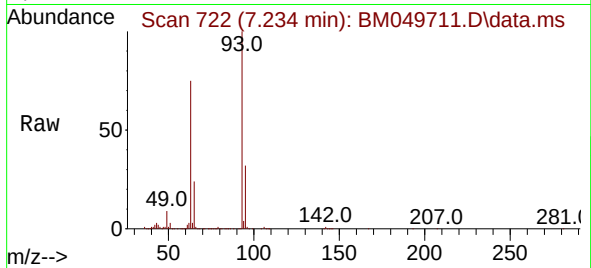




#11
bis(2-Chloroethyl)ether
Concen: 50.446 ng
RT: 7.234 min Scan# 721
Delta R.T. 0.006 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

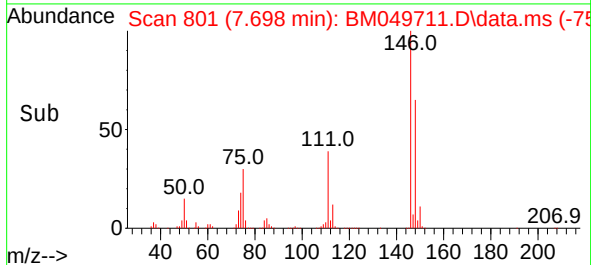
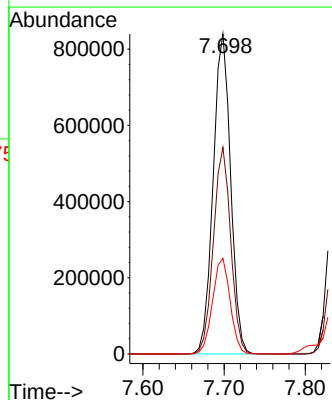
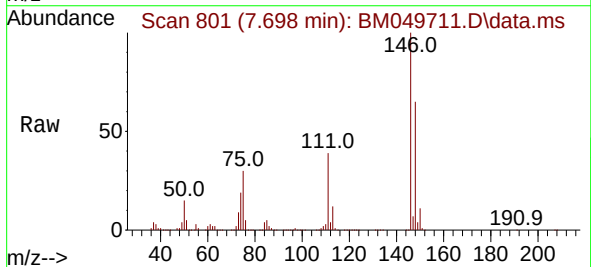
Instrument :
BNA_M
ClientSampleId :

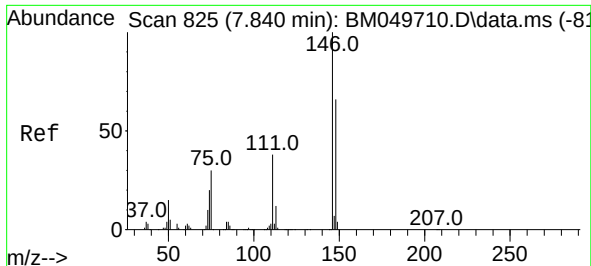
Tgt Ion: 93 Resp: 1010944
Ion Ratio Lower Upper
93 100
63 74.5 54.8 94.8
95 32.2 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 51.256 ng
RT: 7.698 min Scan# 801
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

Tgt Ion:146 Resp: 1254499
Ion Ratio Lower Upper
146 100
148 64.5 52.3 78.5
75 29.9 24.2 36.2





#13

1,4-Dichlorobenzene

Concen: 50.739 ng

RT: 7.846 min Scan# 81

Delta R.T. 0.006 min

Lab File: BM049711.D

Acq: 13 Mar 2025 12:19

Instrument :

BNA_M

ClientSampleId :

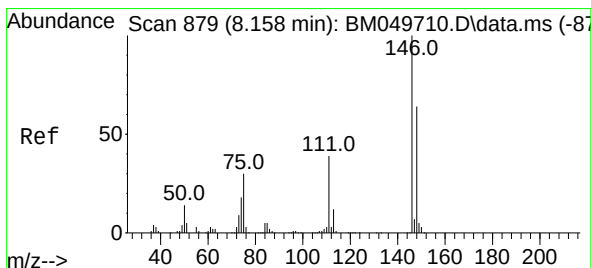
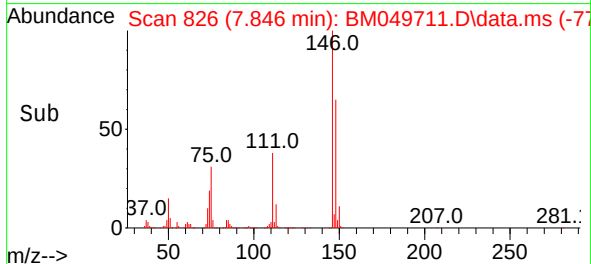
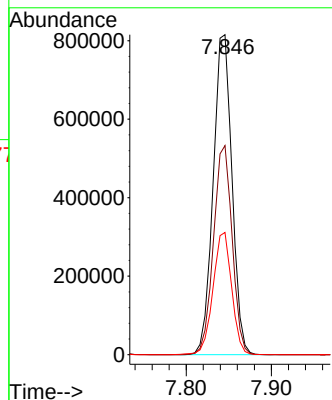
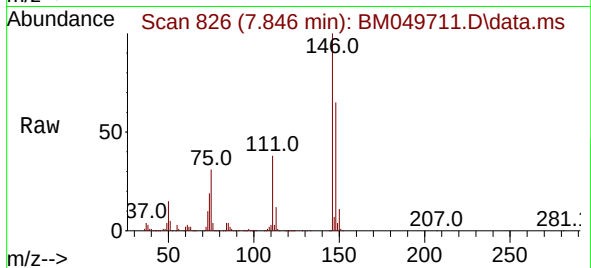
Tgt Ion:146 Resp: 1252803

Ion Ratio Lower Upper

146 100

148 65.3 52.6 79.0

111 38.2 30.8 46.2



#14

1,2-Dichlorobenzene

Concen: 51.057 ng

RT: 8.163 min Scan# 880

Delta R.T. 0.006 min

Lab File: BM049711.D

Acq: 13 Mar 2025 12:19

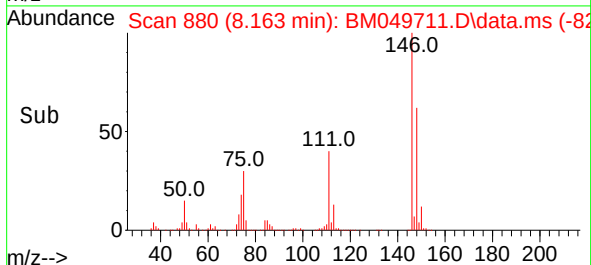
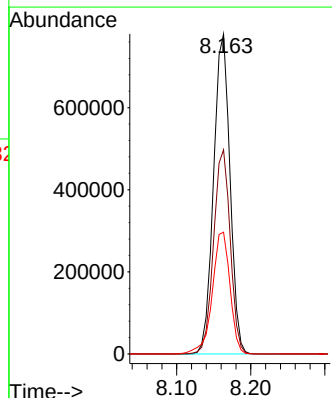
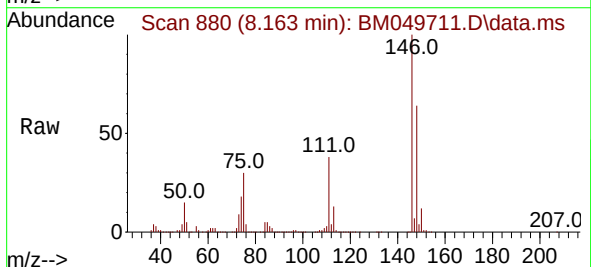
Tgt Ion:146 Resp: 1198091

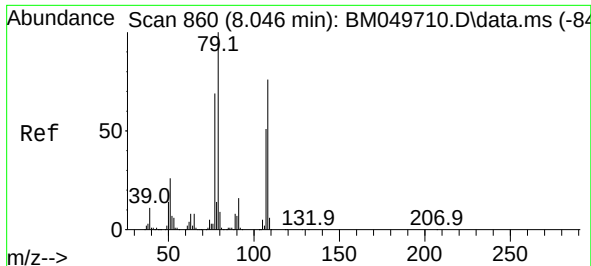
Ion Ratio Lower Upper

146 100

148 63.8 50.9 76.3

111 38.1 31.0 46.6

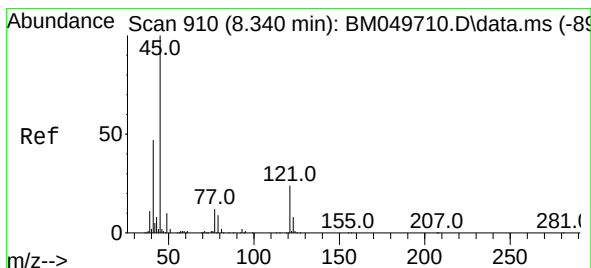
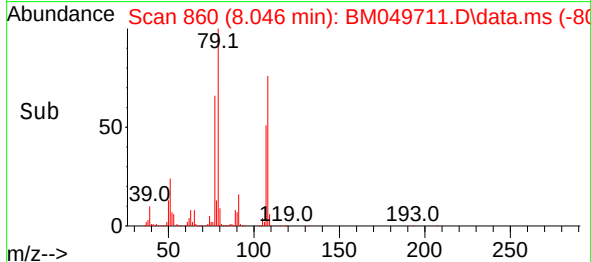
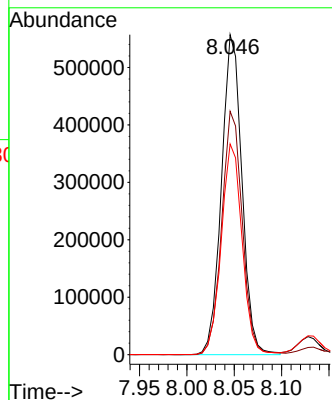
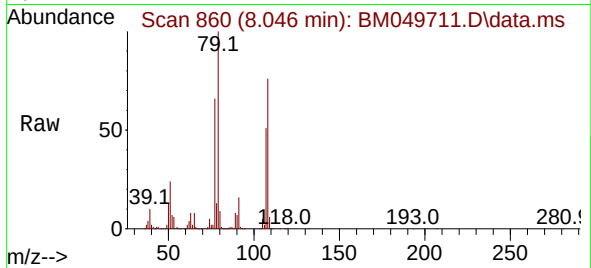




#15
Benzyl Alcohol
Concen: 52.343 ng
RT: 8.046 min Scan# 860
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

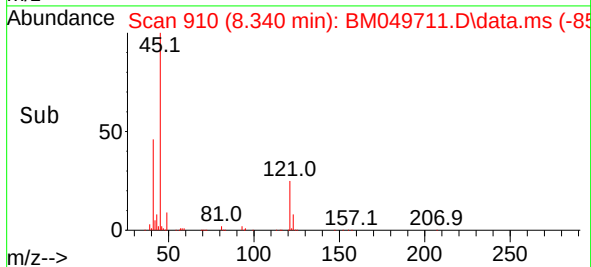
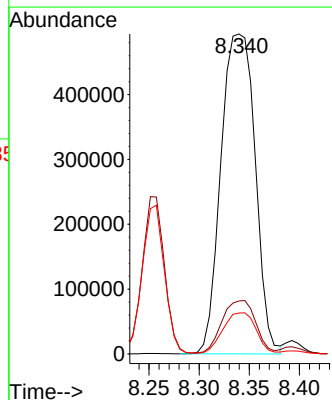
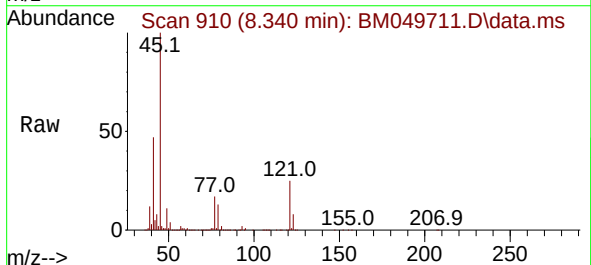
Instrument :
BNA_M
ClientSampleId :

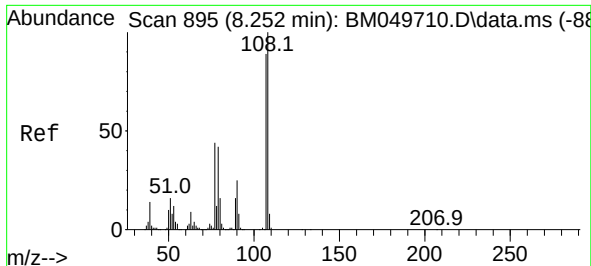
Tgt Ion: 79 Resp: 838336
Ion Ratio Lower Upper
79 100
108 76.1 60.7 91.1
77 65.8 55.4 83.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.807 ng
RT: 8.340 min Scan# 910
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

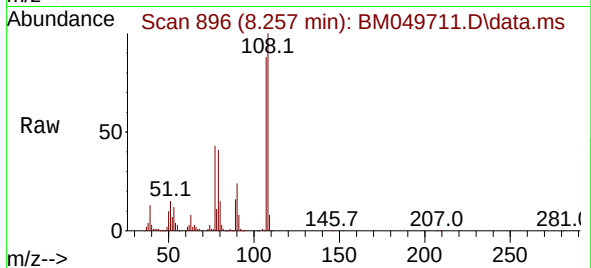
Tgt Ion: 45 Resp: 1173127
Ion Ratio Lower Upper
45 100
77 16.6 0.0 36.1
79 12.8 0.0 32.8



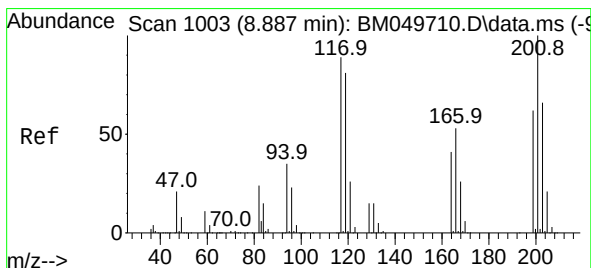
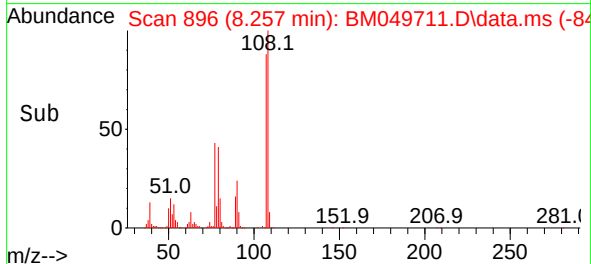
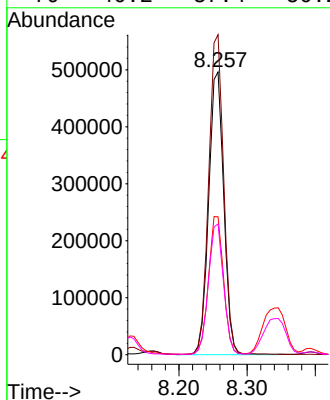


#17
2-Methylphenol
Concen: 51.956 ng
RT: 8.257 min Scan# 896
Delta R.T. 0.006 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

Instrument :
BNA_M
ClientSampleId :

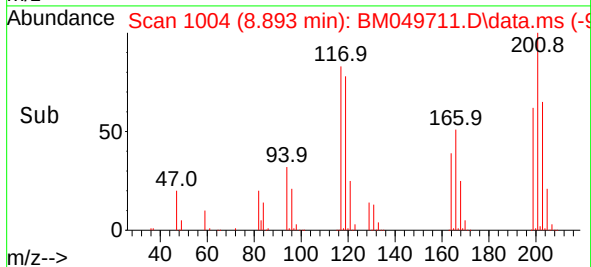
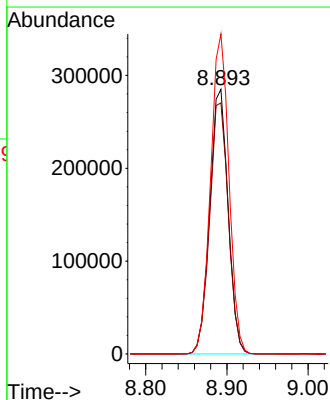
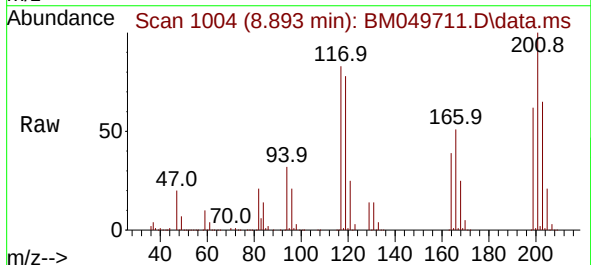


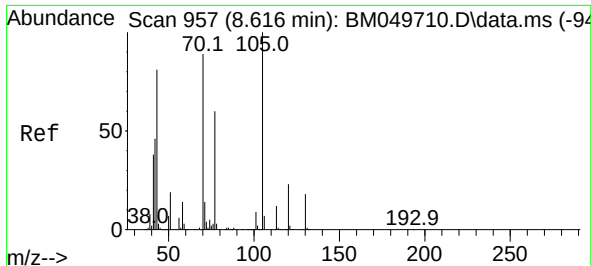
Tgt Ion:	107	Resp:	763369
Ion Ratio	Lower	Upper	
107	100		
108	113.2	89.6	134.4
77	48.8	39.8	59.6
79	46.2	37.4	56.2



#18
Hexachloroethane
Concen: 51.375 ng
RT: 8.893 min Scan# 1004
Delta R.T. 0.006 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

Tgt Ion:	117	Resp:	447960
Ion Ratio	Lower	Upper	
117	100		
119	94.9	73.1	109.7
201	121.0	90.0	135.0





#19

n-Nitroso-di-n-propylamine

Concen: 52.245 ng

RT: 8.616 min Scan# 957

Delta R.T. -0.000 min

Lab File: BM049711.D

Acq: 13 Mar 2025 12:19

Instrument :

BNA_M

ClientSampleId :

Tgt Ion: 70 Resp: 773184

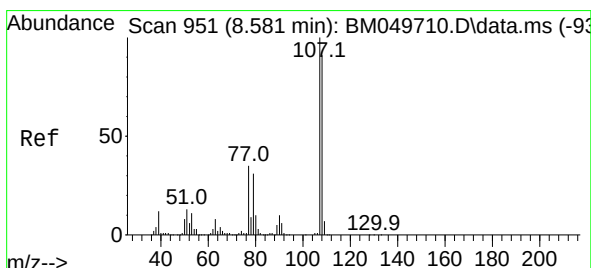
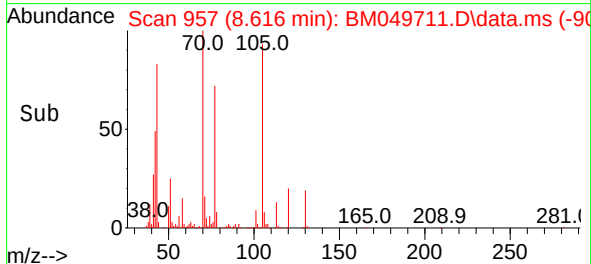
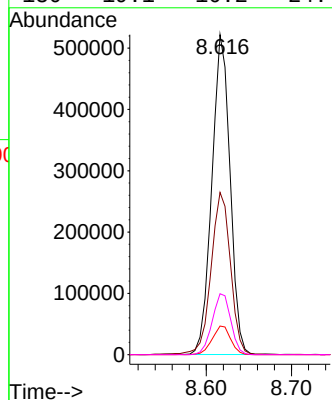
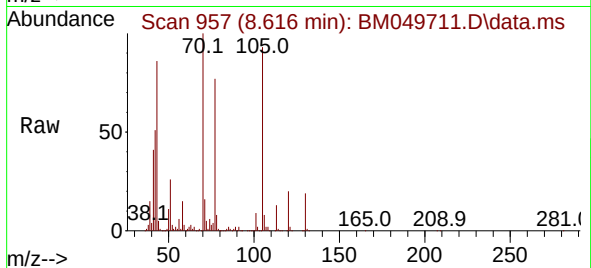
Ion Ratio Lower Upper

70 100

42 50.7 41.8 62.6

101 9.0 7.7 11.5

130 19.1 16.2 24.4



#20

3+4-Methylphenols

Concen: 51.528 ng

RT: 8.581 min Scan# 951

Delta R.T. -0.000 min

Lab File: BM049711.D

Acq: 13 Mar 2025 12:19

Tgt Ion:107 Resp: 1014565

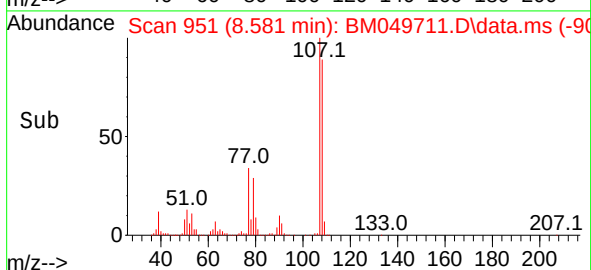
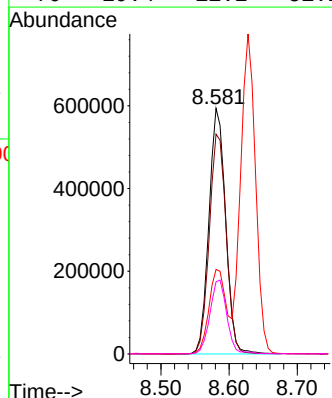
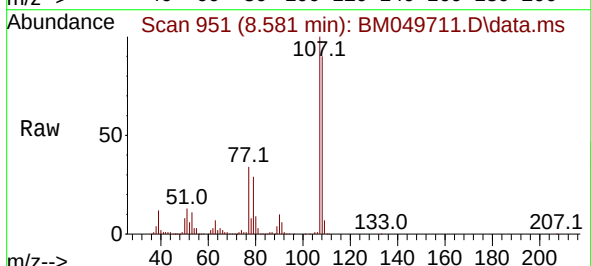
Ion Ratio Lower Upper

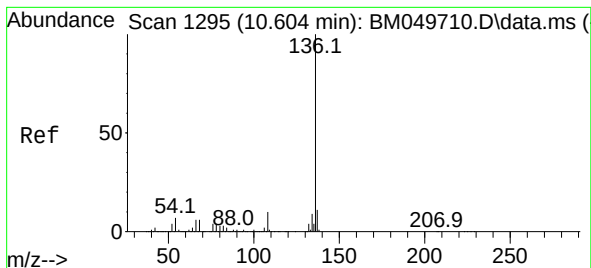
107 100

108 89.5 71.0 111.0

77 34.4 15.1 55.1

79 29.4 11.2 51.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.604 min Scan# 11

Delta R.T. -0.000 min

Lab File: BM049711.D

Acq: 13 Mar 2025 12:19

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:136 Resp: 1142867

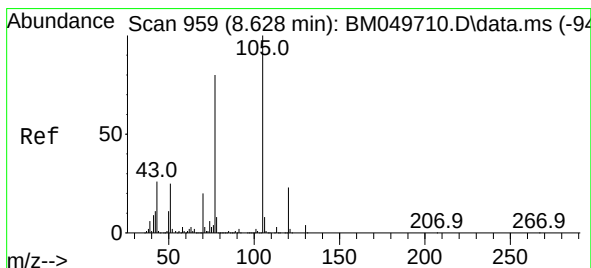
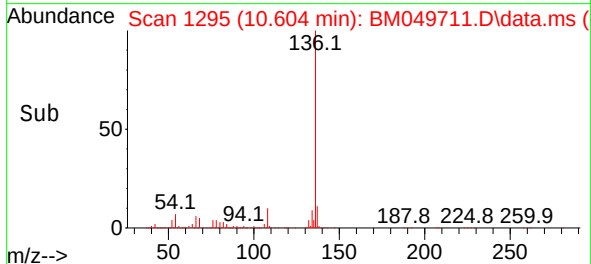
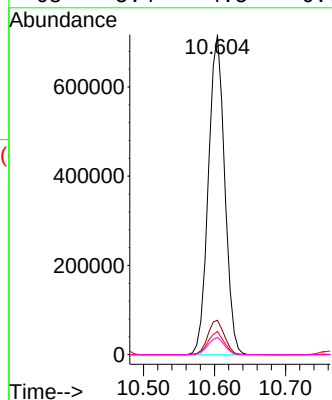
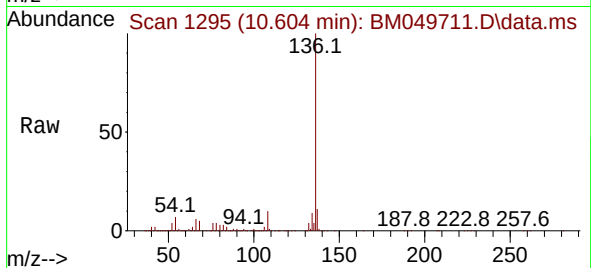
Ion Ratio Lower Upper

136 100

137 10.7 8.6 12.8

54 7.3 5.8 8.8

68 5.4 4.5 6.7



#22

Acetophenone

Concen: 51.088 ng

RT: 8.628 min Scan# 959

Delta R.T. -0.000 min

Lab File: BM049711.D

Acq: 13 Mar 2025 12:19

Tgt Ion:105 Resp: 1505469

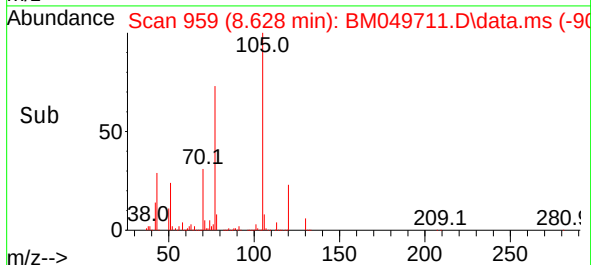
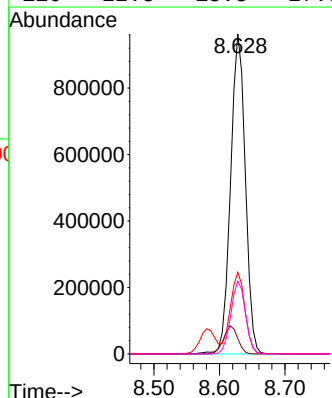
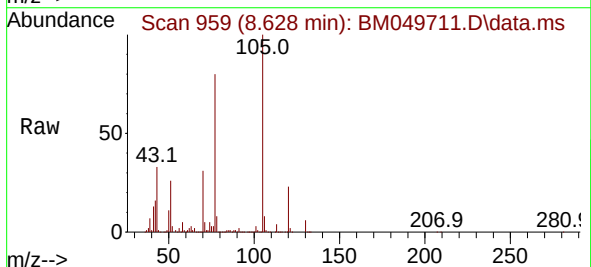
Ion Ratio Lower Upper

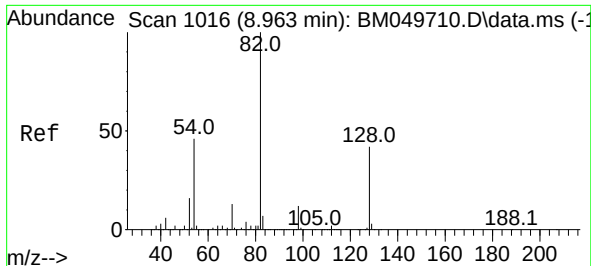
105 100

71 4.9 2.5 3.7#

51 25.5 19.9 29.9

120 22.8 18.3 27.5





#23

Nitrobenzene-d5

Concen: 103.536 ng

RT: 8.963 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BM049711.D

Acq: 13 Mar 2025 12:19

Instrument :

BNA_M

ClientSampleId :

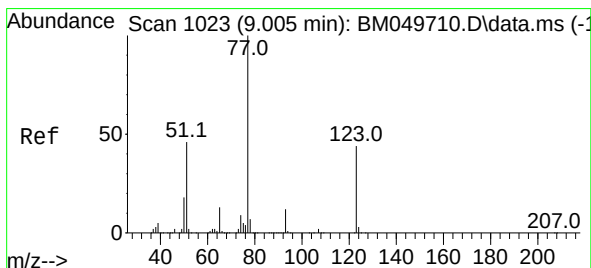
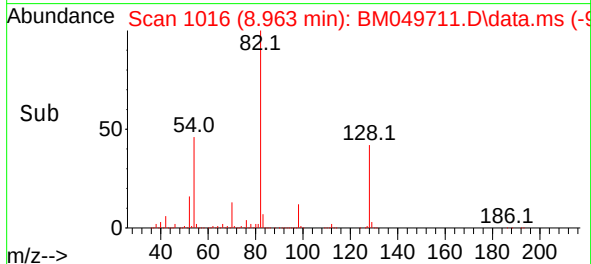
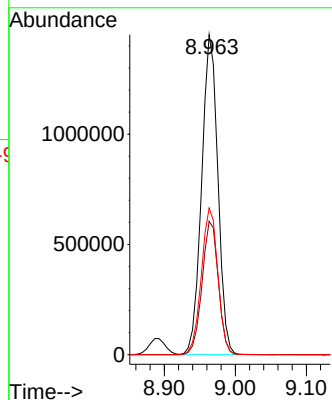
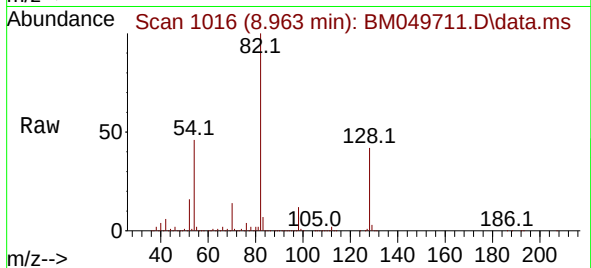
Tgt Ion: 82 Resp: 2304709

Ion Ratio Lower Upper

82 100

128 41.7 33.4 50.0

54 45.8 36.4 54.6



#24

Nitrobenzene

Concen: 51.028 ng

RT: 9.004 min Scan# 1023

Delta R.T. -0.000 min

Lab File: BM049711.D

Acq: 13 Mar 2025 12:19

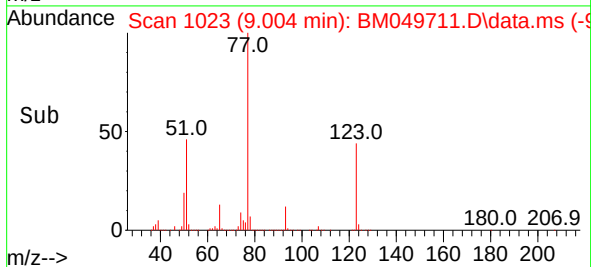
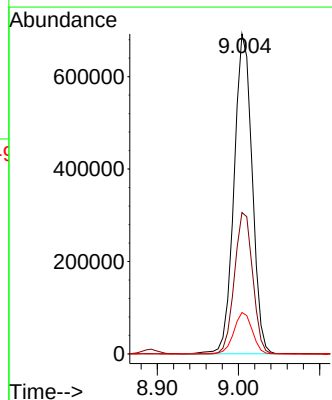
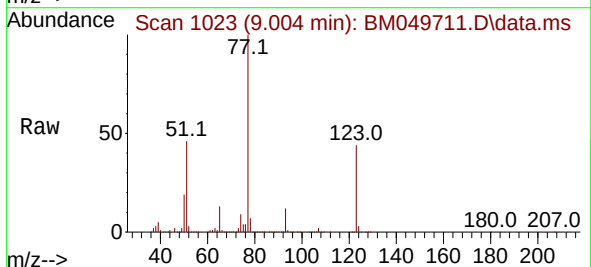
Tgt Ion: 77 Resp: 1071054

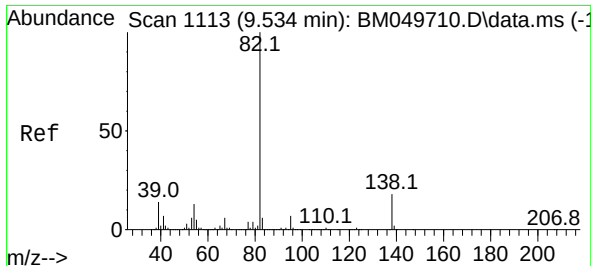
Ion Ratio Lower Upper

77 100

123 44.2 34.9 52.3

65 13.0 10.6 15.8

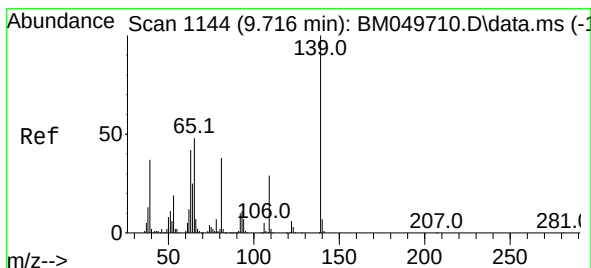
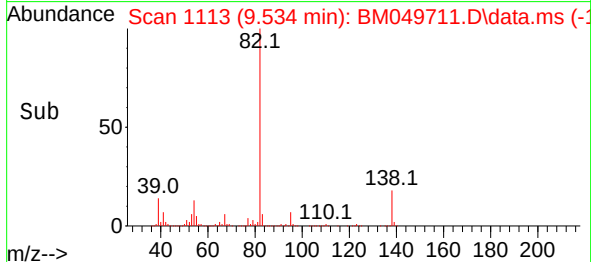
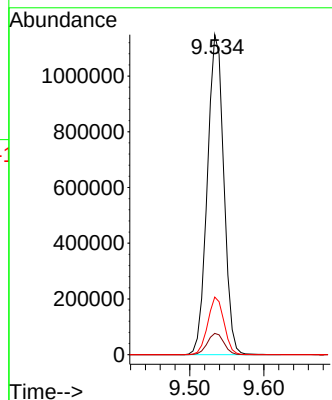
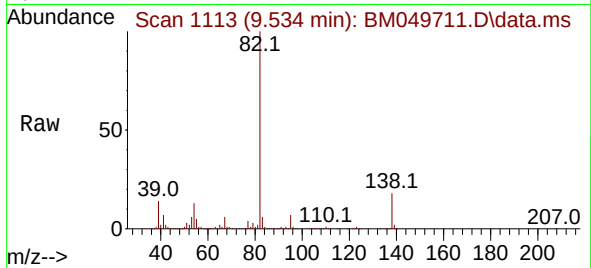




#25
Isophorone
Concen: 51.772 ng
RT: 9.534 min Scan# 1113
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

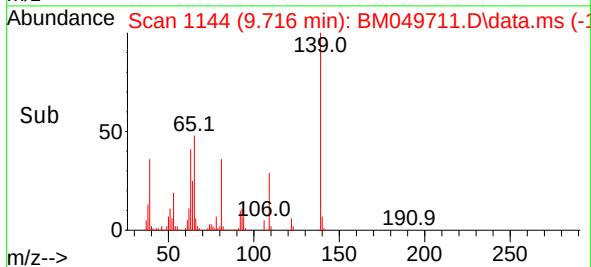
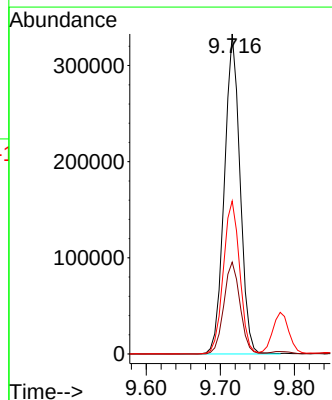
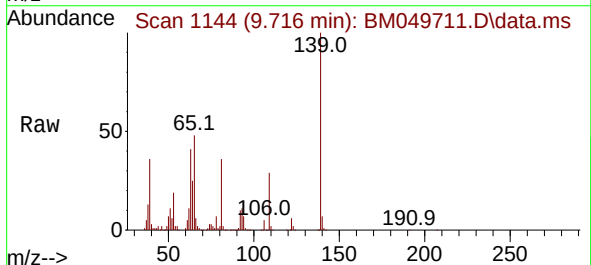
Instrument :
BNA_M
ClientSampleId :

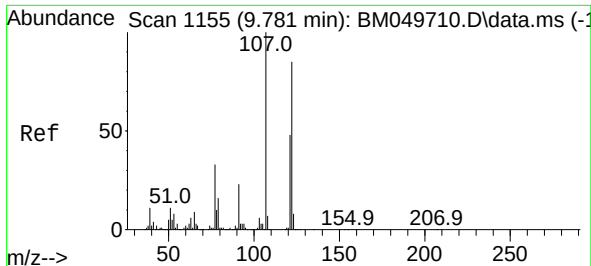
Tgt Ion: 82 Resp: 1769403
Ion Ratio Lower Upper
82 100
95 6.7 5.3 7.9
138 18.0 14.4 21.6



#26
2-Nitrophenol
Concen: 54.709 ng
RT: 9.716 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

Tgt Ion:139 Resp: 488752
Ion Ratio Lower Upper
139 100
109 28.7 23.3 34.9
65 47.8 38.6 58.0

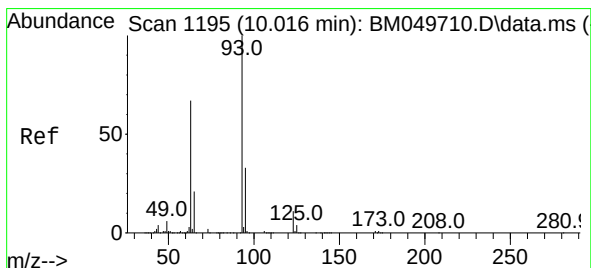
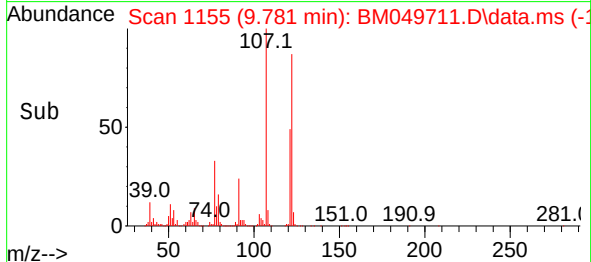
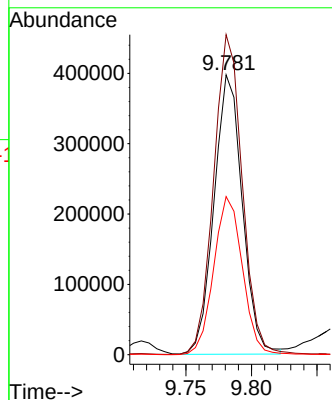
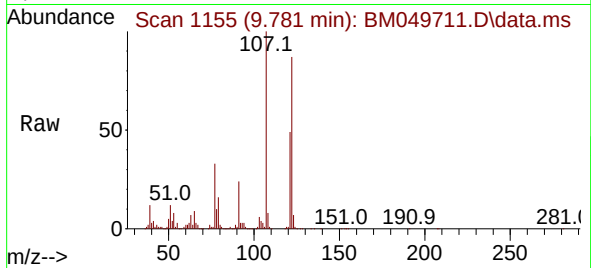




#27
2,4-Dimethylphenol
Concen: 52.413 ng
RT: 9.781 min Scan# 1155
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

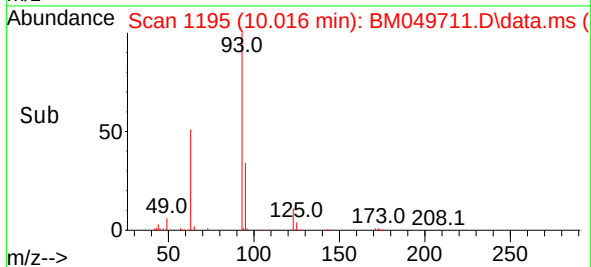
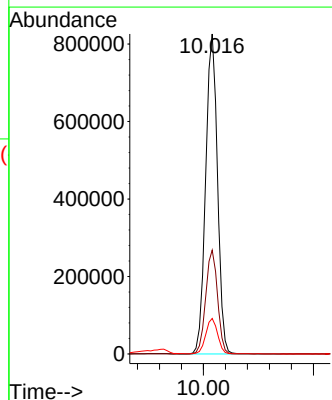
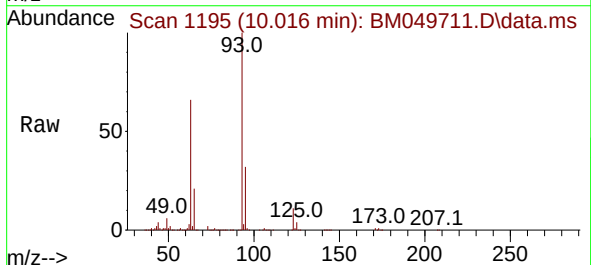
Instrument :
BNA_M
ClientSampleId :

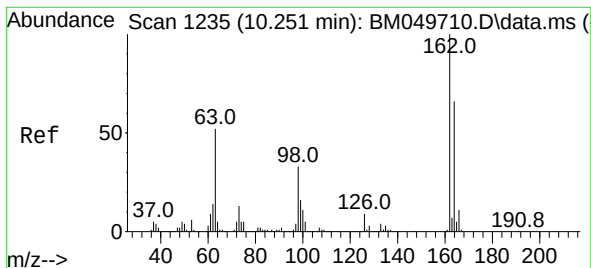
Tgt Ion:122 Resp: 596007
Ion Ratio Lower Upper
122 100
107 114.4 94.3 141.5
121 56.5 45.4 68.2



#28
bis(2-Chloroethoxy)methane
Concen: 51.115 ng
RT: 10.016 min Scan# 1195
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

Tgt Ion: 93 Resp: 1230419
Ion Ratio Lower Upper
93 100
95 32.4 26.6 40.0
123 11.1 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 52.725 ng

RT: 10.251 min Scan# 11

Delta R.T. -0.000 min

Lab File: BM049711.D

Acq: 13 Mar 2025 12:19

Instrument :

BNA_M

ClientSampleId :

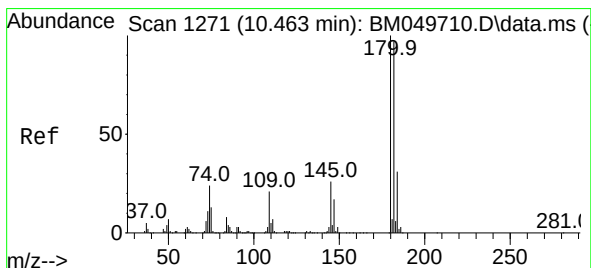
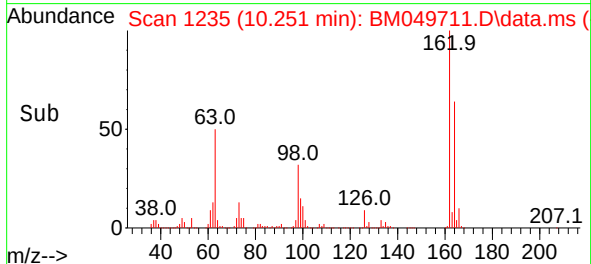
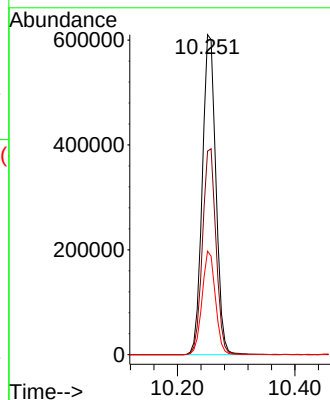
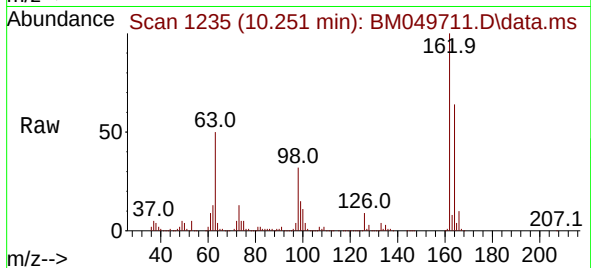
Tgt Ion:162 Resp: 976969

Ion Ratio Lower Upper

162 100

164 63.6 46.3 86.3

98 32.4 12.8 52.8



#30

1,2,4-Trichlorobenzene

Concen: 50.972 ng

RT: 10.469 min Scan# 1272

Delta R.T. 0.006 min

Lab File: BM049711.D

Acq: 13 Mar 2025 12:19

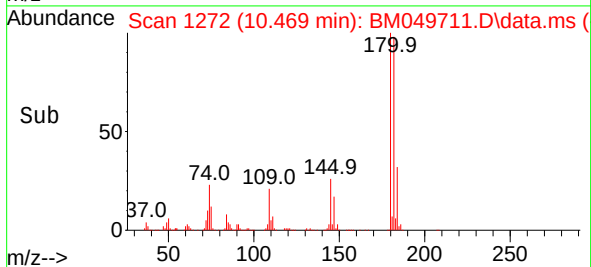
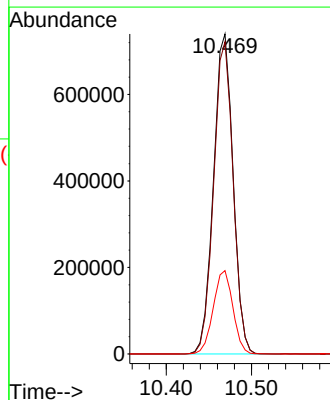
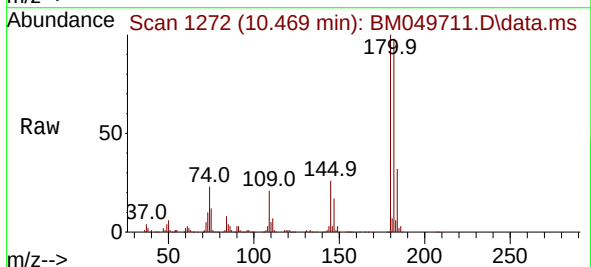
Tgt Ion:180 Resp: 1181673

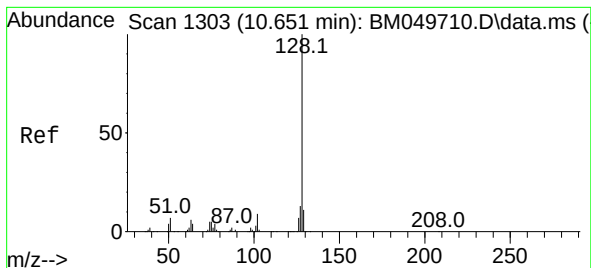
Ion Ratio Lower Upper

180 100

182 97.6 77.7 116.5

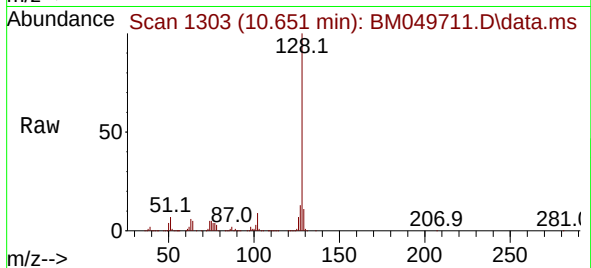
145 26.0 21.0 31.4



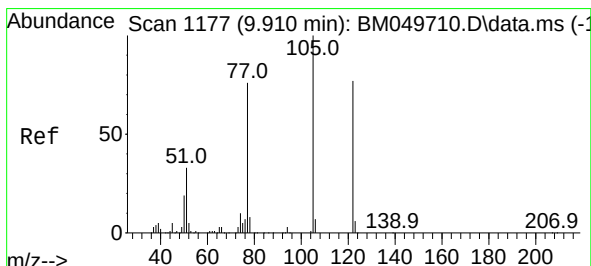
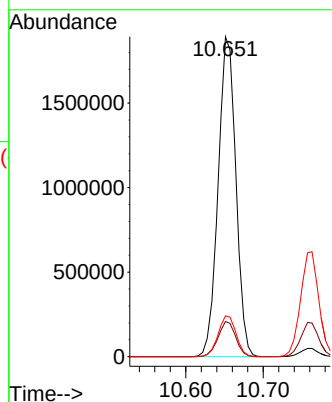
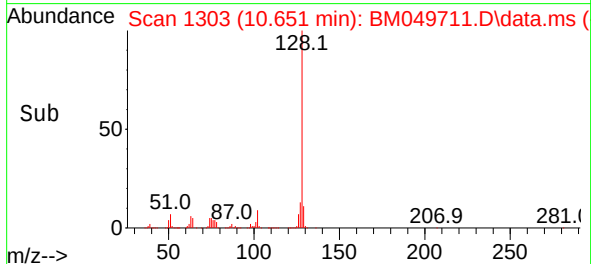


#31
Naphthalene
Concen: 51.466 ng
RT: 10.651 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

Instrument :
BNA_M
ClientSampleId :

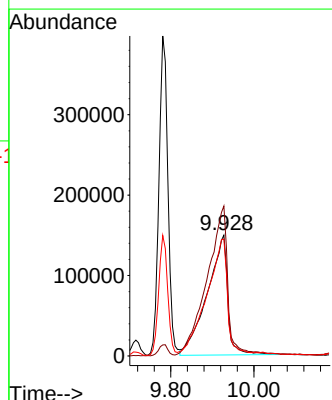
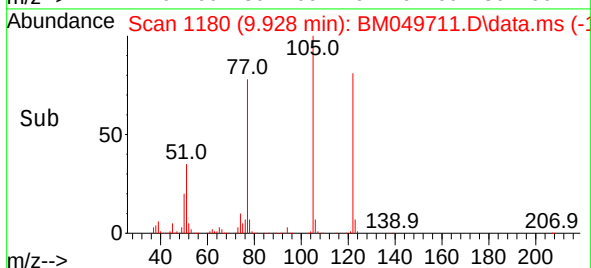
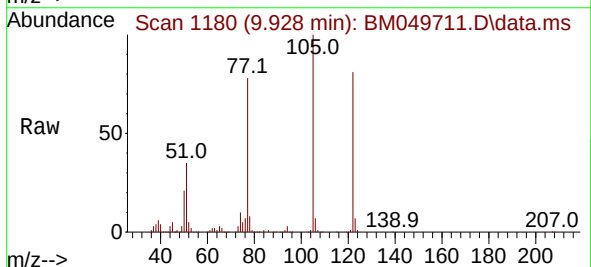


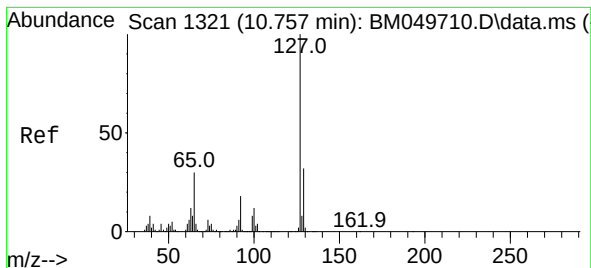
Tgt Ion:128 Resp: 3024467
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 12.7 10.4 15.6



#32
Benzoic acid
Concen: 52.834 ng
RT: 9.928 min Scan# 1180
Delta R.T. 0.018 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

Tgt Ion:122 Resp: 511116
Ion Ratio Lower Upper
122 100
105 124.2 105.6 145.6
77 96.9 76.9 116.9





#33

4-Chloroaniline

Concen: 50.809 ng

RT: 10.763 min Scan# 1322

Delta R.T. 0.006 min

Lab File: BM049711.D

Acq: 13 Mar 2025 12:19

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:127 Resp: 1019020

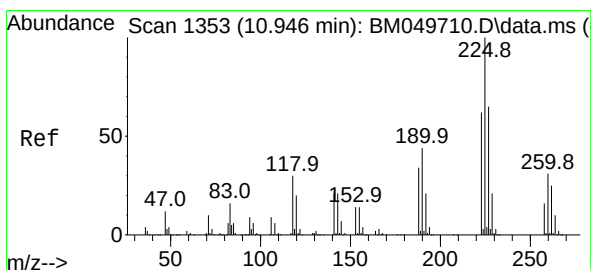
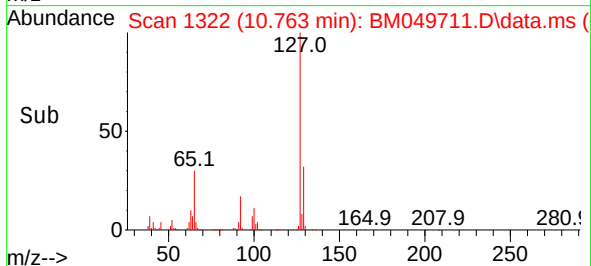
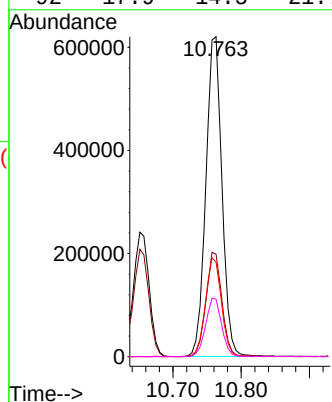
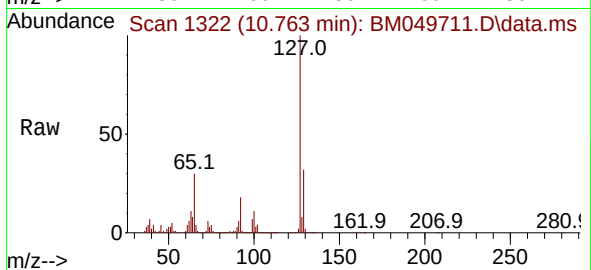
Ion Ratio Lower Upper

127 100

129 32.0 25.7 38.5

65 29.6 24.1 36.1

92 17.9 14.5 21.7



#34

Hexachlorobutadiene

Concen: 52.109 ng

RT: 10.945 min Scan# 1353

Delta R.T. -0.000 min

Lab File: BM049711.D

Acq: 13 Mar 2025 12:19

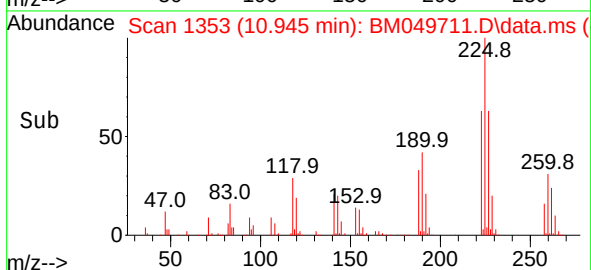
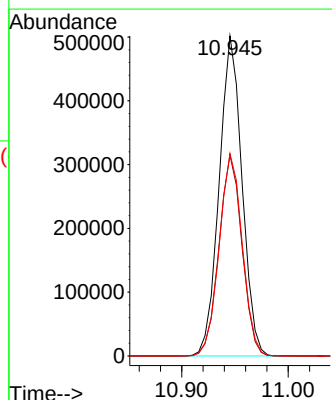
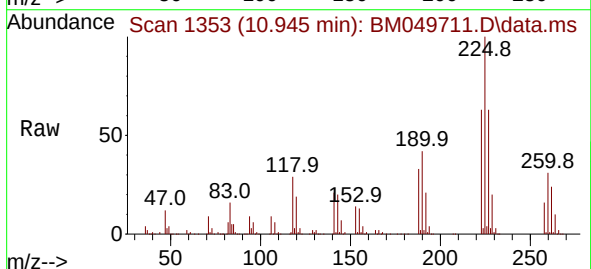
Tgt Ion:225 Resp: 745756

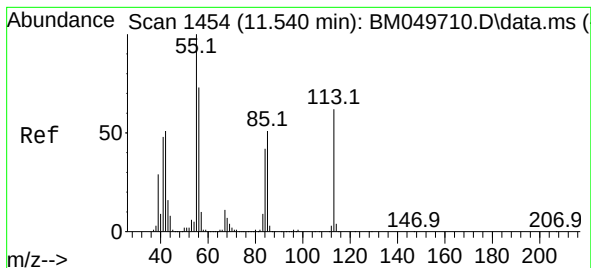
Ion Ratio Lower Upper

225 100

223 62.8 49.8 74.8

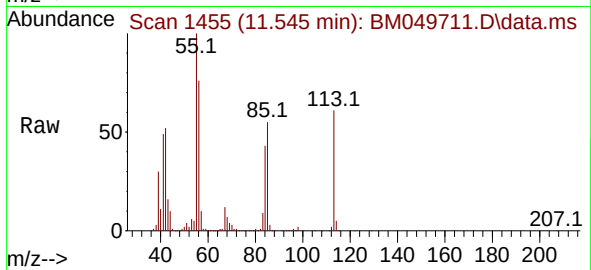
227 63.3 52.1 78.1



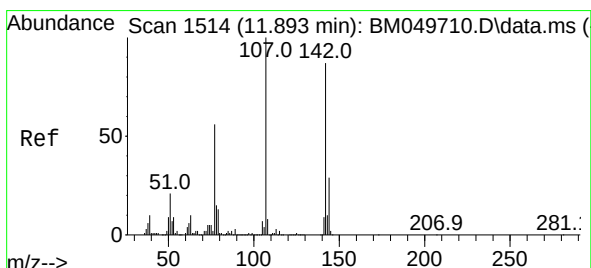
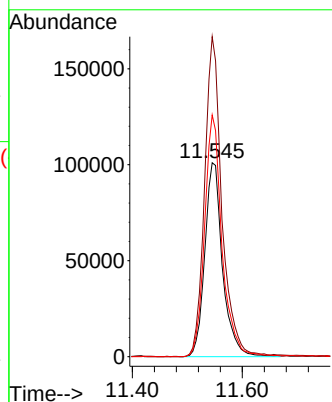
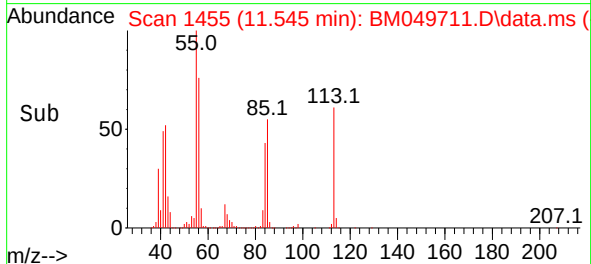


#35
Caprolactam
Concen: 52.681 ng
RT: 11.545 min Scan# 1455
Delta R.T. 0.006 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

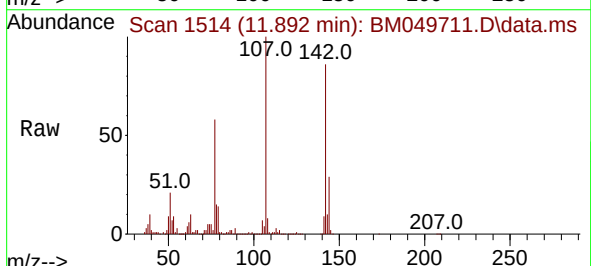
Instrument :
BNA_M
ClientSampleId :



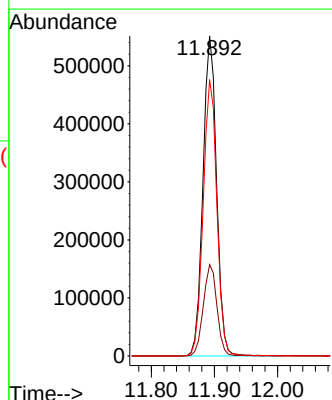
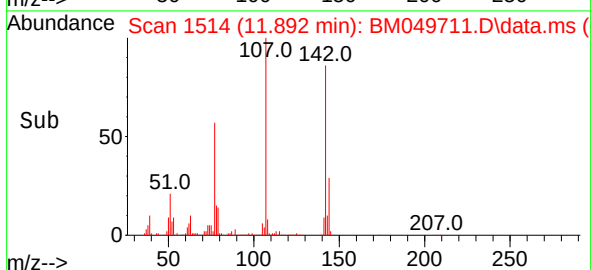
Tgt Ion:113 Resp: 226631
Ion Ratio Lower Upper
113 100
55 165.0 141.8 181.8
56 124.7 98.0 138.0

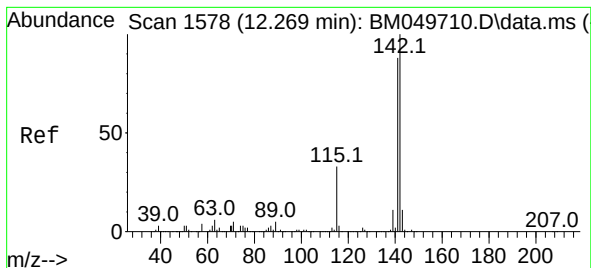


#36
4-Chloro-3-methylphenol
Concen: 51.921 ng
RT: 11.892 min Scan# 1514
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19



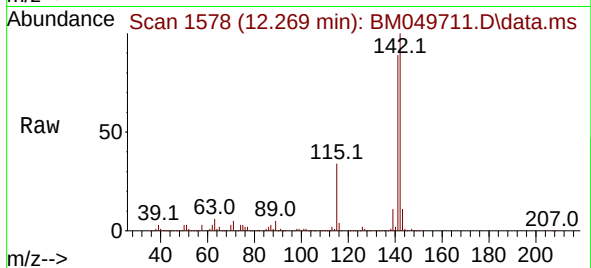
Tgt Ion:107 Resp: 825613
Ion Ratio Lower Upper
107 100
144 28.6 23.0 34.6
142 86.4 69.8 104.8



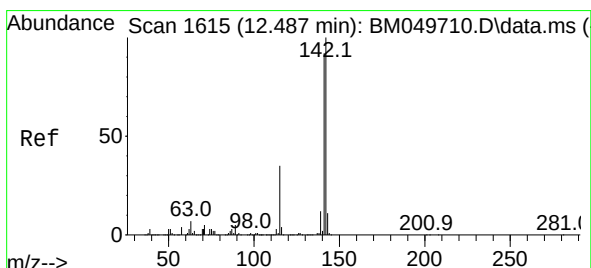
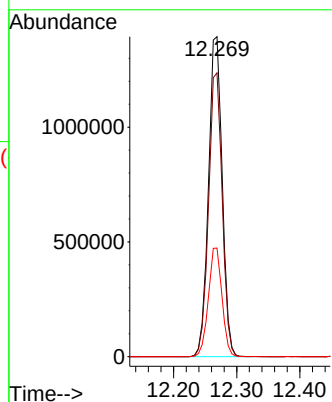
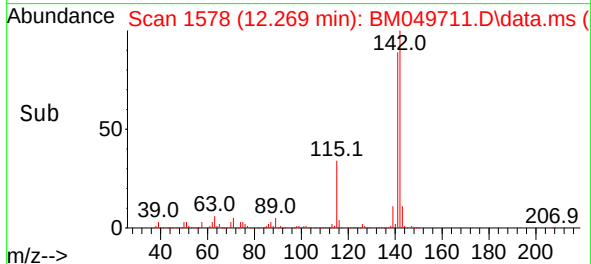


#37
2-Methylnaphthalene
Concen: 51.096 ng
RT: 12.269 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

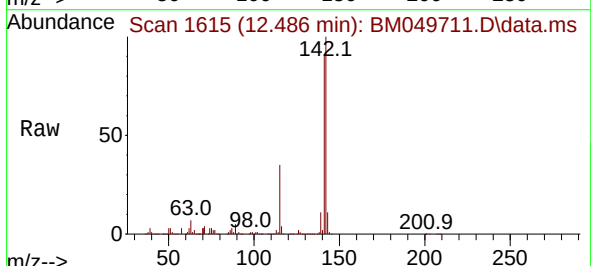
Instrument :
BNA_M
ClientSampleId :



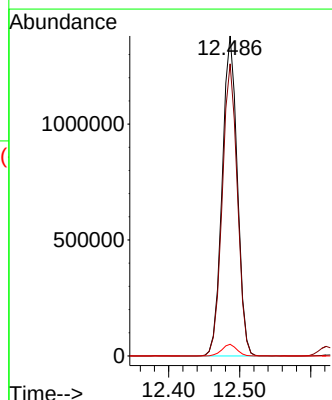
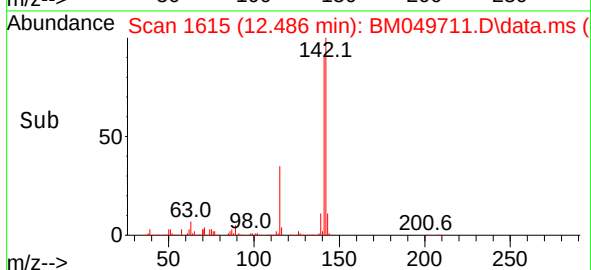
Tgt Ion:142 Resp: 2099664
Ion Ratio Lower Upper
142 100
141 88.7 70.5 105.7
115 34.0 26.5 39.7

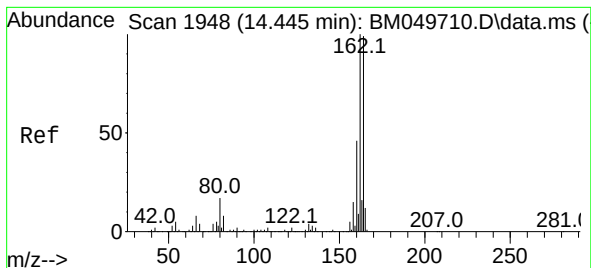


#38
1-Methylnaphthalene
Concen: 51.260 ng
RT: 12.486 min Scan# 1615
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19



Tgt Ion:142 Resp: 2032245
Ion Ratio Lower Upper
142 100
141 91.3 73.4 110.2
116 3.7 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: BM049711.D

Acq: 13 Mar 2025 12:19

Instrument :

BNA_M

ClientSampleId :

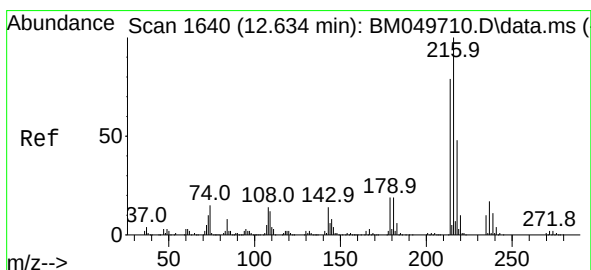
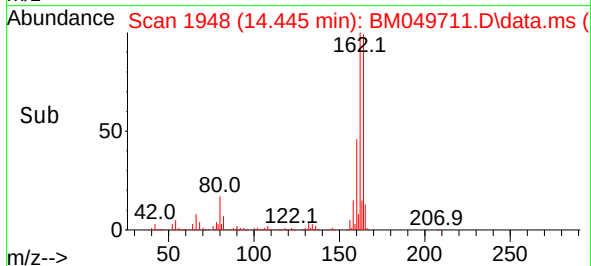
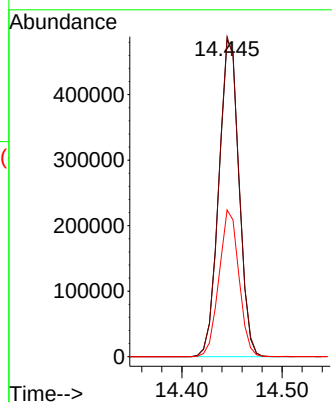
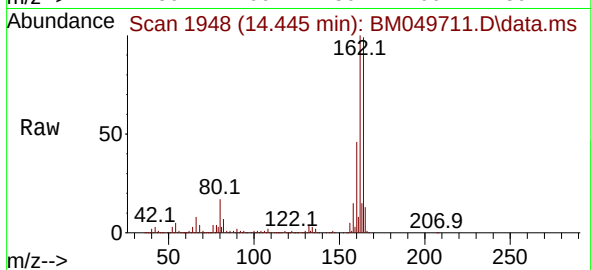
Tgt Ion:164 Resp: 676067

Ion Ratio Lower Upper

164 100

162 101.0 80.5 120.7

160 46.3 36.9 55.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 53.168 ng

RT: 12.633 min Scan# 1640

Delta R.T. -0.000 min

Lab File: BM049711.D

Acq: 13 Mar 2025 12:19

Tgt Ion:216 Resp: 1320335

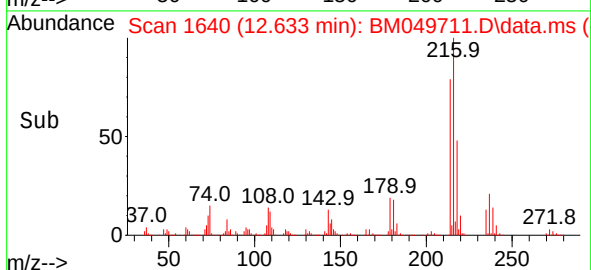
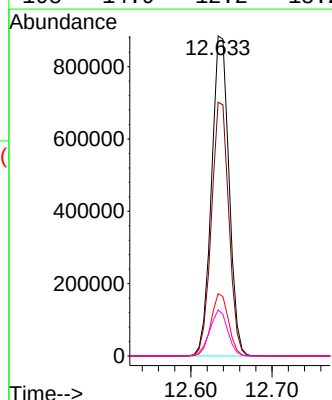
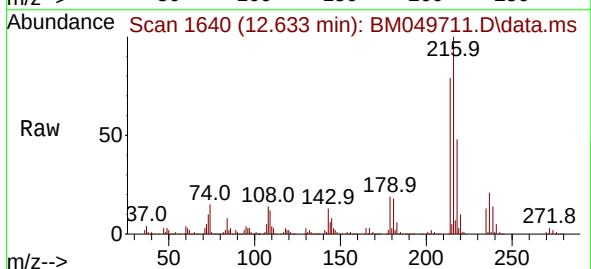
Ion Ratio Lower Upper

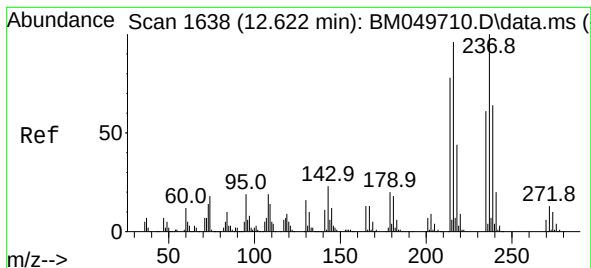
216 100

214 78.9 63.5 95.3

179 19.4 15.7 23.5

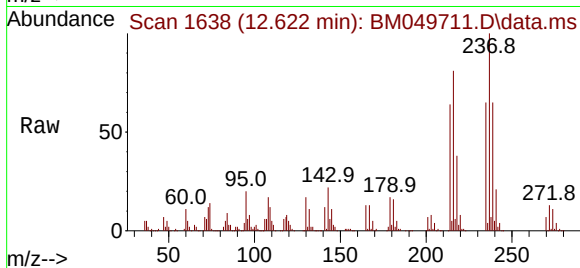
108 14.9 12.2 18.2



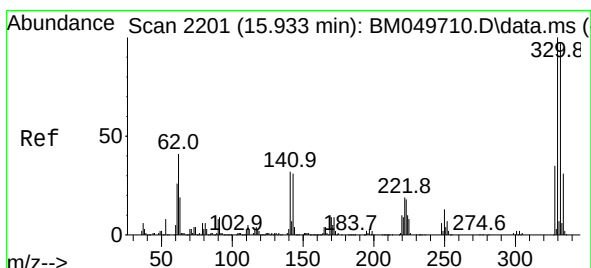
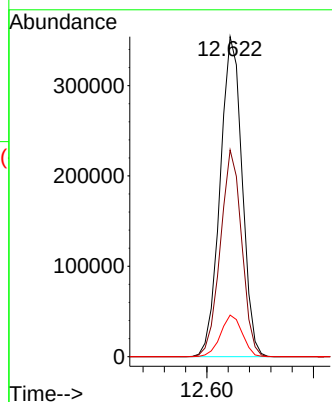
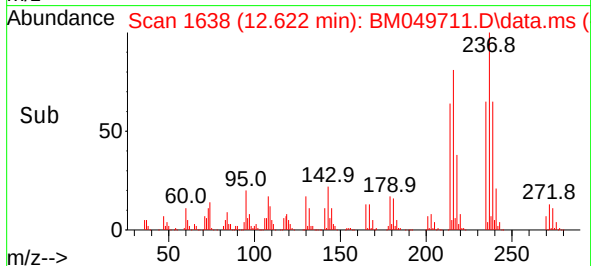


#41
Hexachlorocyclopentadiene
Concen: 55.050 ng
RT: 12.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

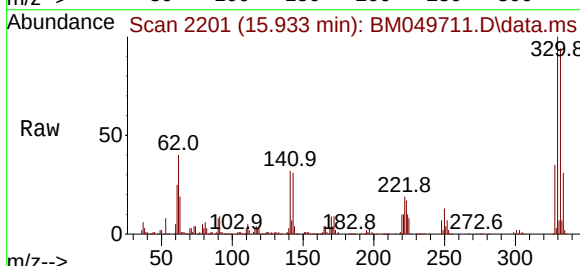
Instrument :
BNA_M
ClientSampleId :



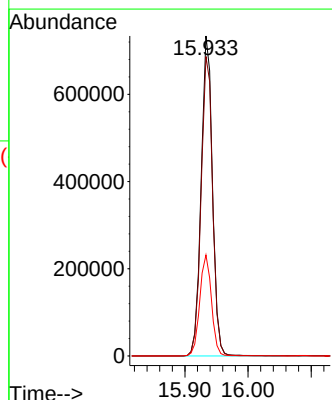
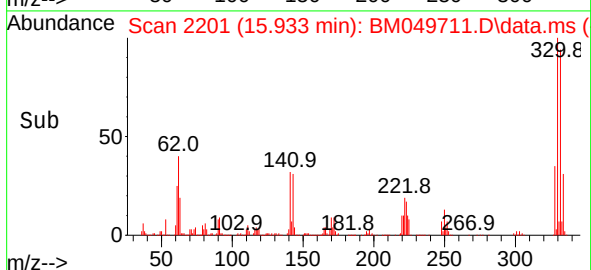
Tgt Ion:237 Resp: 506457
Ion Ratio Lower Upper
237 100
235 64.6 41.1 81.1
272 13.0 0.0 32.5

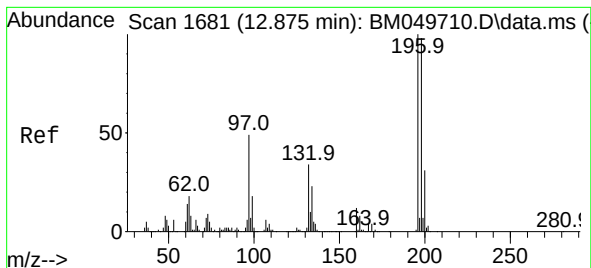


#42
2,4,6-Tribromophenol
Concen: 115.476 ng
RT: 15.933 min Scan# 2201
Delta R.T. 0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19



Tgt Ion:330 Resp: 911616
Ion Ratio Lower Upper
330 100
332 95.0 77.0 115.4
141 32.6 27.8 41.6





#43

2,4,6-Trichlorophenol

Concen: 54.496 ng

RT: 12.881 min Scan# 1

Delta R.T. 0.006 min

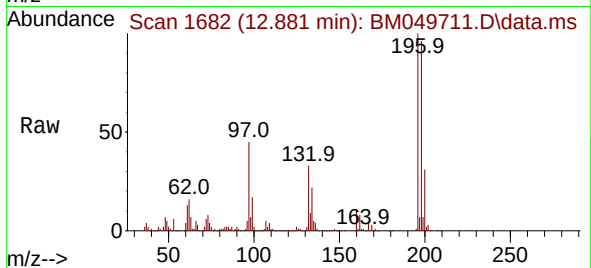
Lab File: BM049711.D

Acq: 13 Mar 2025 12:19

Instrument :

BNA_M

ClientSampleId :



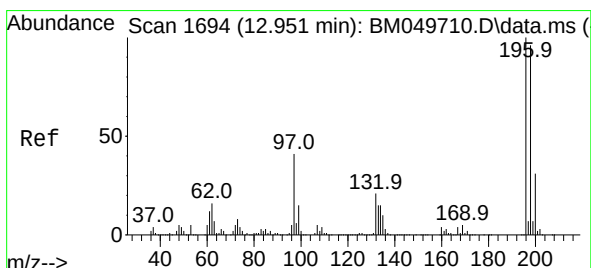
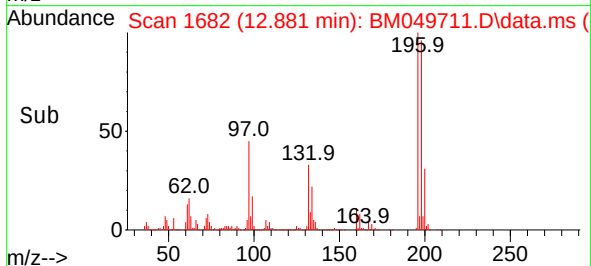
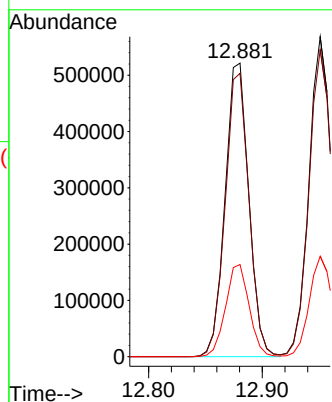
Tgt Ion:196 Resp: 757946

Ion Ratio Lower Upper

196 100

198 96.5 78.3 117.5

200 31.4 25.1 37.7



#44

2,4,5-Trichlorophenol

Concen: 53.190 ng

RT: 12.951 min Scan# 1694

Delta R.T. -0.000 min

Lab File: BM049711.D

Acq: 13 Mar 2025 12:19

Tgt Ion:196 Resp: 807292

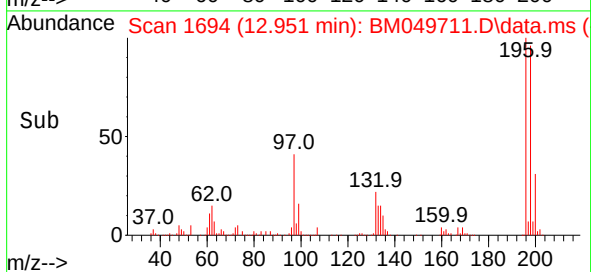
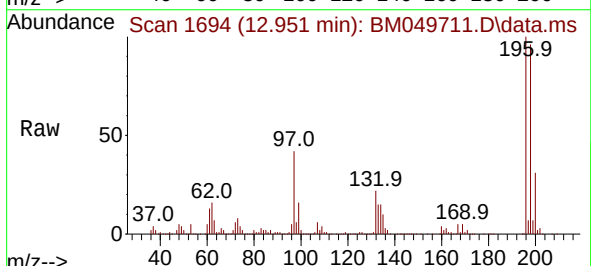
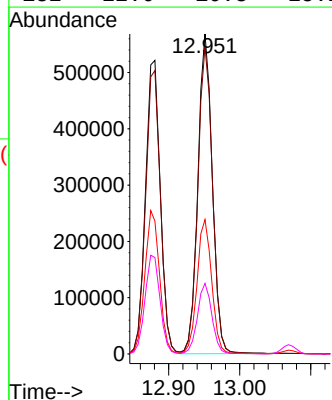
Ion Ratio Lower Upper

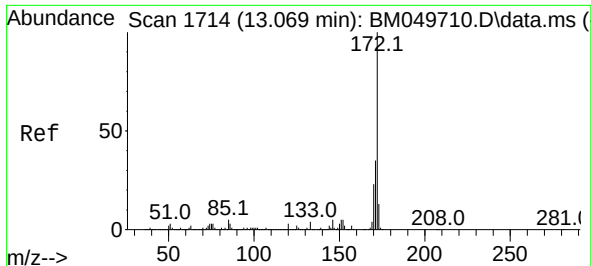
196 100

198 96.0 76.7 115.1

97 42.0 32.9 49.3

132 22.0 16.8 25.2

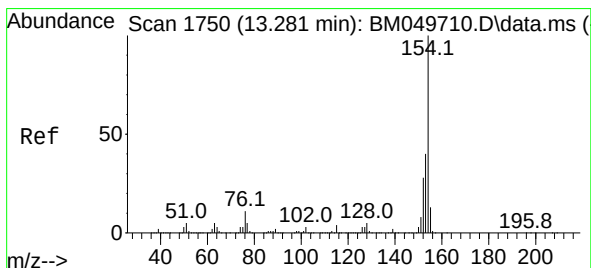
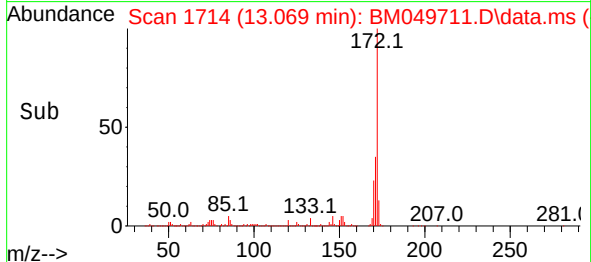
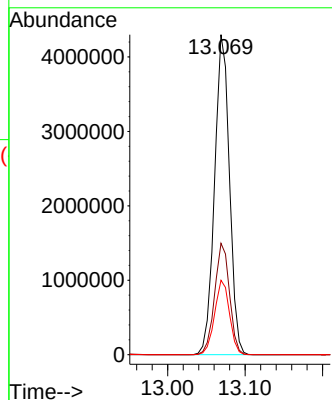
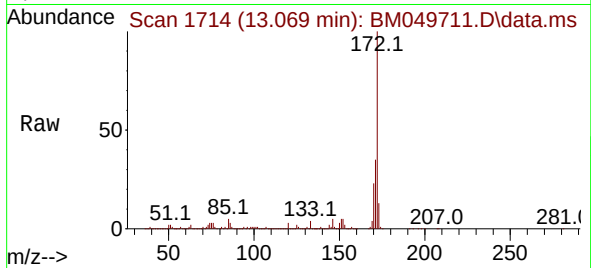




#45
2-Fluorobiphenyl
Concen: 106.213 ng
RT: 13.069 min Scan# 1714
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

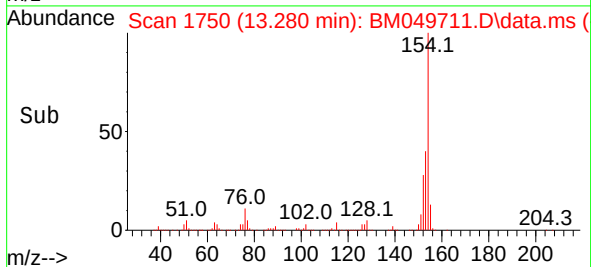
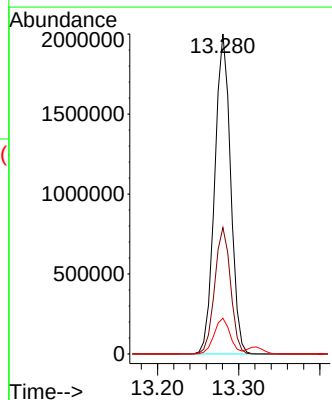
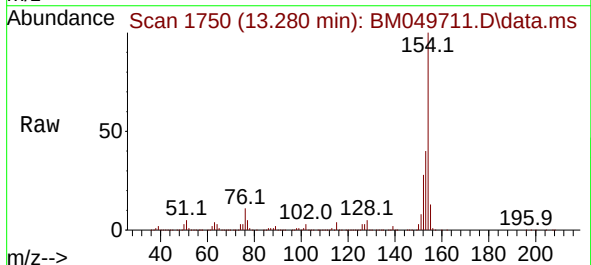
Instrument :
BNA_M
ClientSampleId :

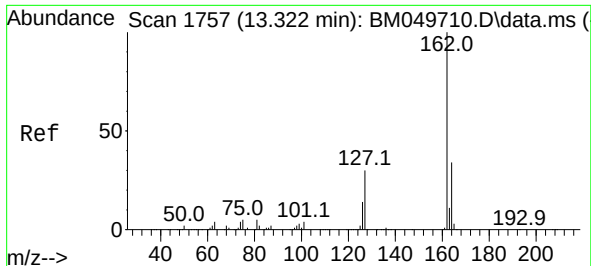
Tgt Ion:172 Resp: 5733658
Ion Ratio Lower Upper
172 100
171 34.8 27.9 41.9
170 23.2 18.6 28.0



#46
1,1'-Biphenyl
Concen: 52.107 ng
RT: 13.280 min Scan# 1750
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

Tgt Ion:154 Resp: 2715061
Ion Ratio Lower Upper
154 100
153 39.5 19.7 59.7
76 11.1 0.0 31.2





#47

2-Chloronaphthalene

Concen: 51.855 ng

RT: 13.322 min Scan# 1

Delta R.T. -0.000 min

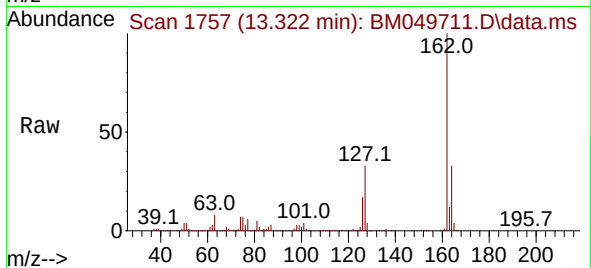
Lab File: BM049711.D

Acq: 13 Mar 2025 12:19

Instrument :

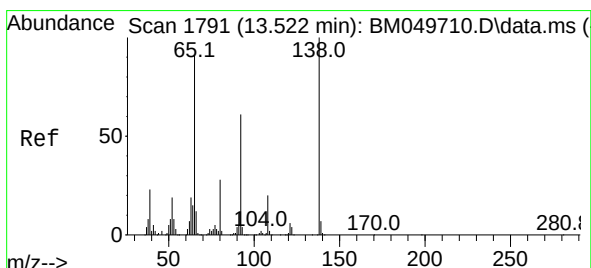
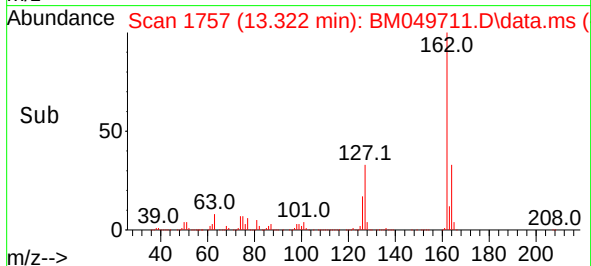
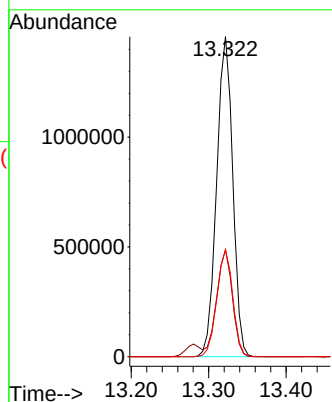
BNA_M

ClientSampleId :



Tgt Ion:162 Resp: 2103079

Ion	Ratio	Lower	Upper
162	100		
127	33.4	25.8	38.6
164	33.5	27.1	40.7



#48

2-Nitroaniline

Concen: 54.532 ng

RT: 13.522 min Scan# 1791

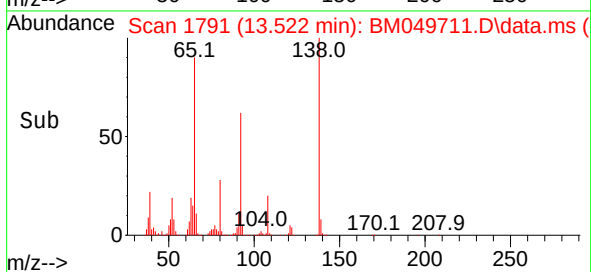
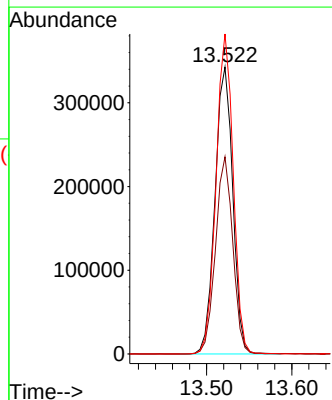
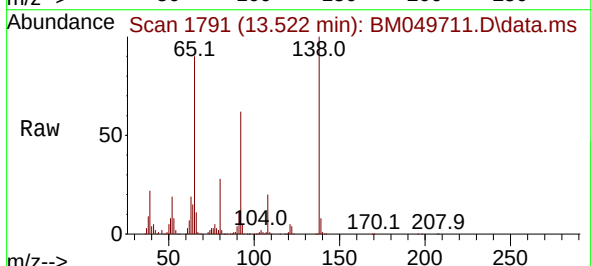
Delta R.T. -0.000 min

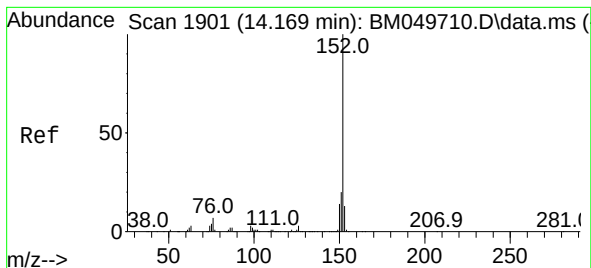
Lab File: BM049711.D

Acq: 13 Mar 2025 12:19

Tgt Ion: 65 Resp: 496484

Ion	Ratio	Lower	Upper
65	100		
92	68.7	53.4	80.2
138	111.5	87.6	131.4





#49

Acenaphthylene

Concen: 52.334 ng

RT: 14.169 min Scan# 1901

Delta R.T. -0.000 min

Lab File: BM049711.D

Acq: 13 Mar 2025 12:19

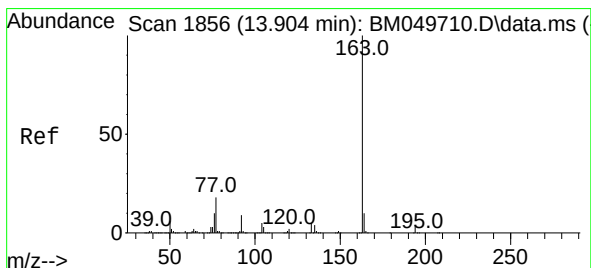
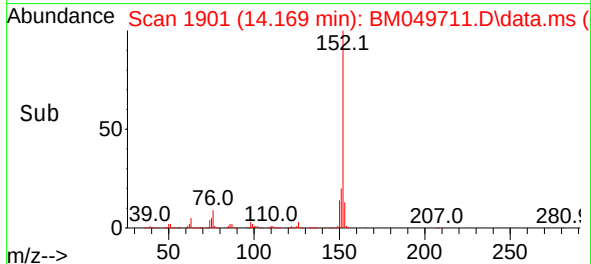
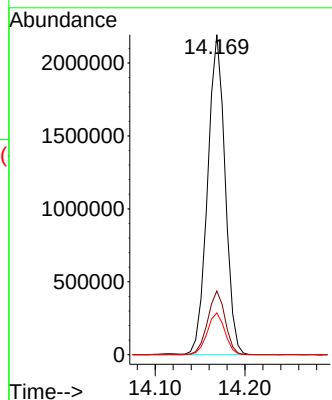
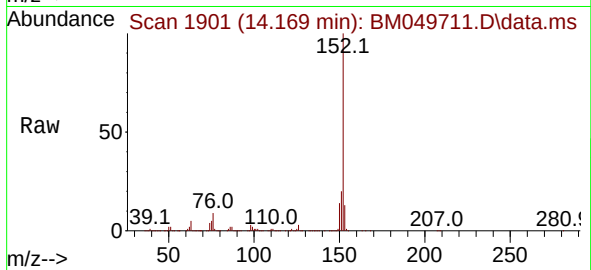
Instrument :

BNA_M

ClientSampleId :

Tgt Ion:152 Resp: 2966785

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.8
153	13.1	10.2	15.4



#50

Dimethylphthalate

Concen: 50.900 ng

RT: 13.904 min Scan# 1856

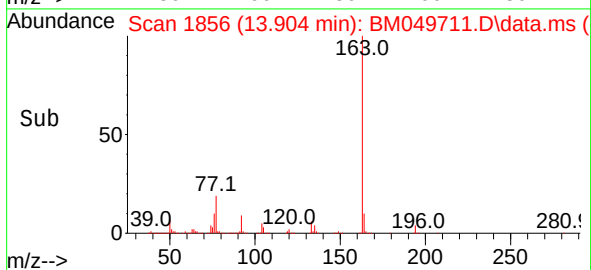
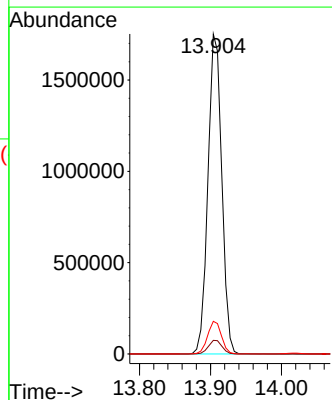
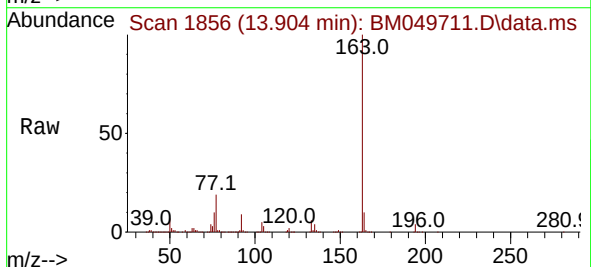
Delta R.T. -0.000 min

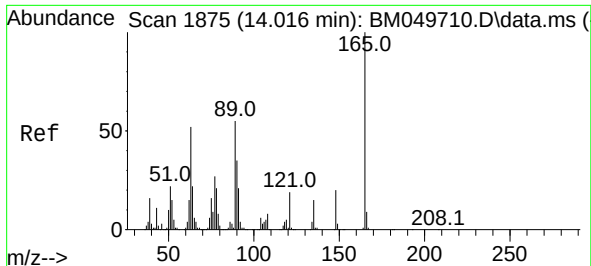
Lab File: BM049711.D

Acq: 13 Mar 2025 12:19

Tgt Ion:163 Resp: 2369244

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.2	8.2	12.2

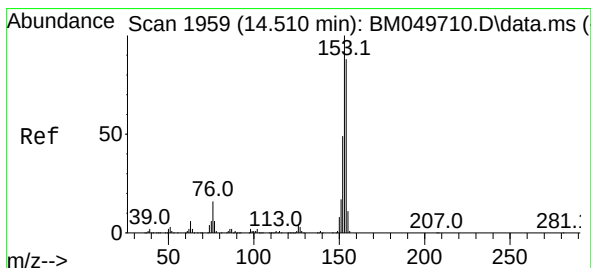
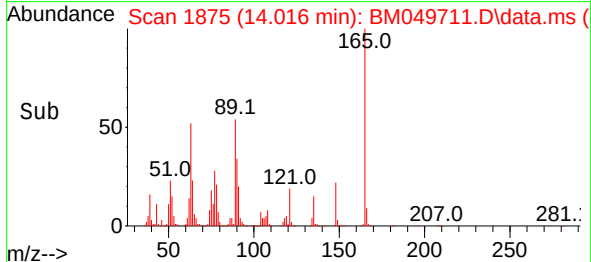
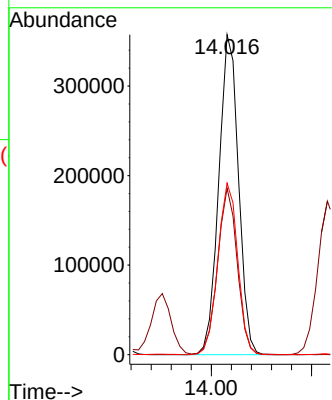
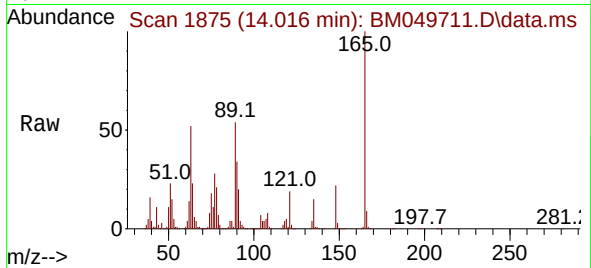




#51
2,6-Dinitrotoluene
Concen: 52.253 ng
RT: 14.016 min Scan# 1875
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

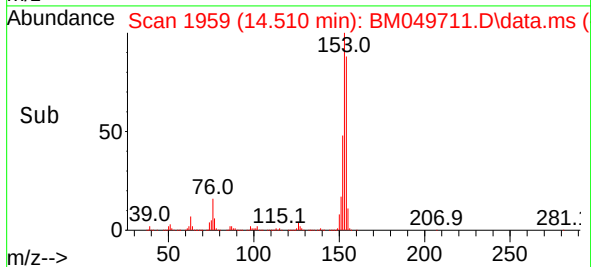
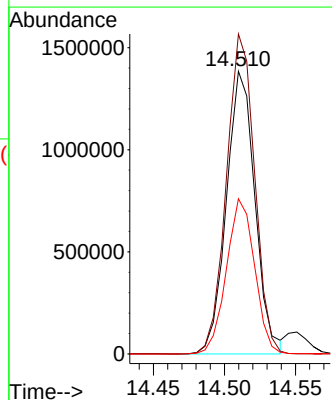
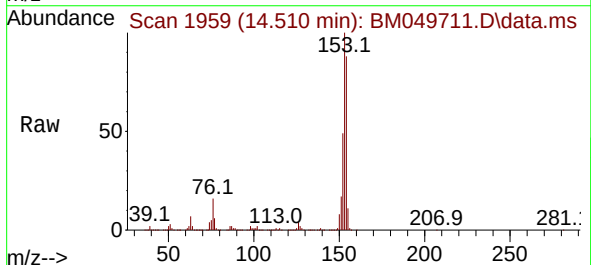
Instrument :
BNA_M
ClientSampleId :

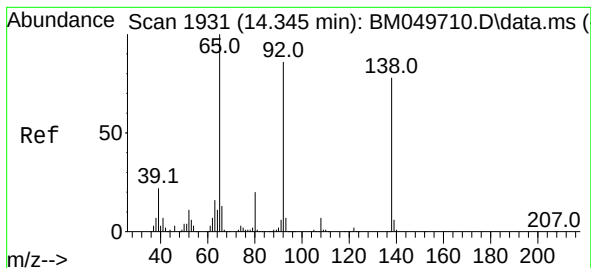
Tgt Ion:165 Resp: 487346
Ion Ratio Lower Upper
165 100
63 52.0 42.3 63.5
89 53.6 43.9 65.9



#52
Acenaphthene
Concen: 52.126 ng
RT: 14.510 min Scan# 1959
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

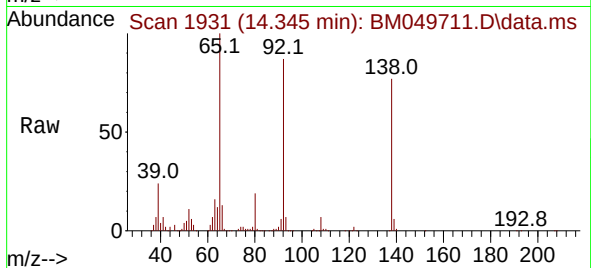
Tgt Ion:154 Resp: 1935920
Ion Ratio Lower Upper
154 100
153 113.2 90.4 135.6
152 54.9 44.2 66.2



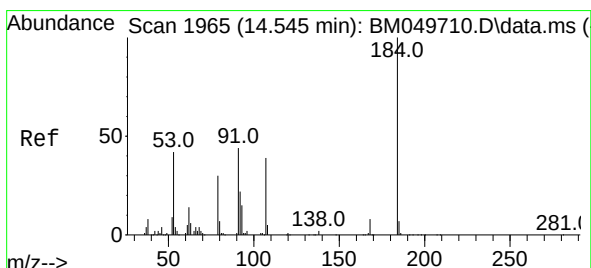
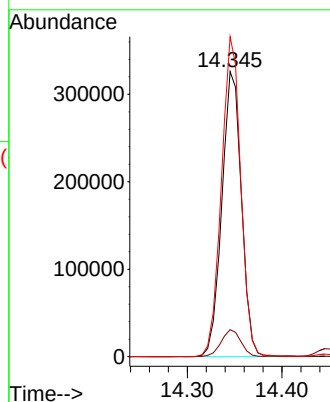
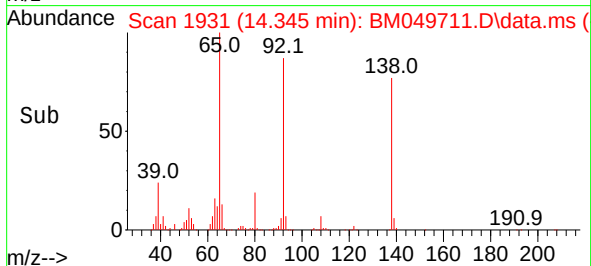


#53
3-Nitroaniline
Concen: 52.794 ng
RT: 14.345 min Scan# 1931
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

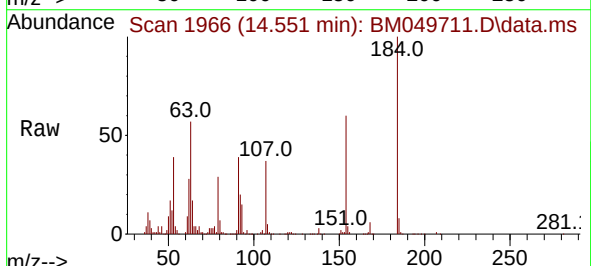
Instrument :
BNA_M
ClientSampleId :



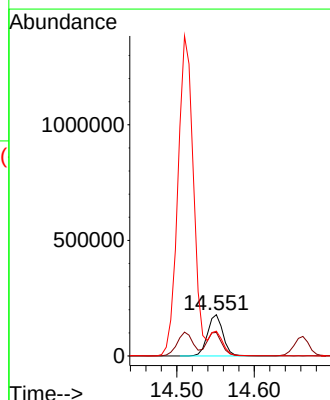
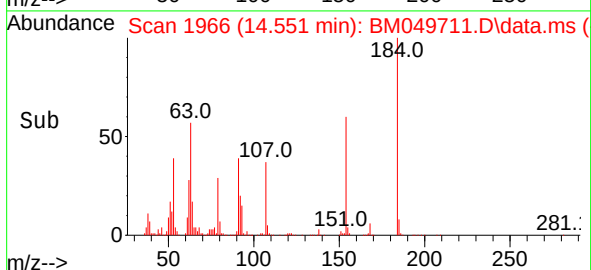
Tgt Ion:138 Resp: 468558
Ion Ratio Lower Upper
138 100
108 9.5 7.5 11.3
92 112.2 88.0 132.0

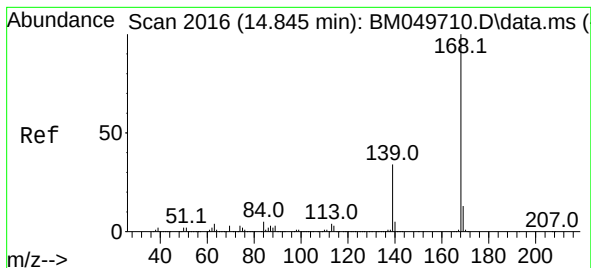


#54
2,4-Dinitrophenol
Concen: 49.851 ng
RT: 14.551 min Scan# 1966
Delta R.T. 0.006 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19



Tgt Ion:184 Resp: 245877
Ion Ratio Lower Upper
184 100
63 57.0 47.2 70.8
154 60.1 49.9 74.9





#55

Dibenzenofuran

Concen: 51.347 ng

RT: 14.845 min Scan# 2016

Delta R.T. -0.000 min

Lab File: BM049711.D

Acq: 13 Mar 2025 12:19

Instrument :

BNA_M

ClientSampleId :

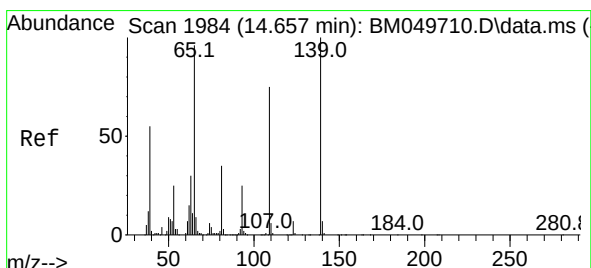
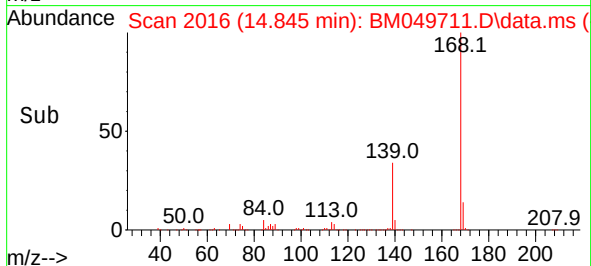
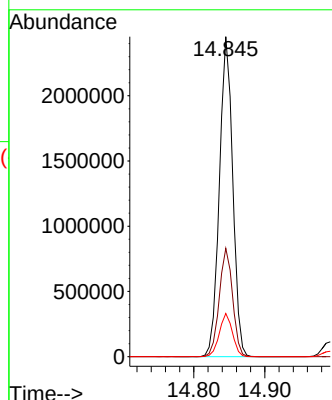
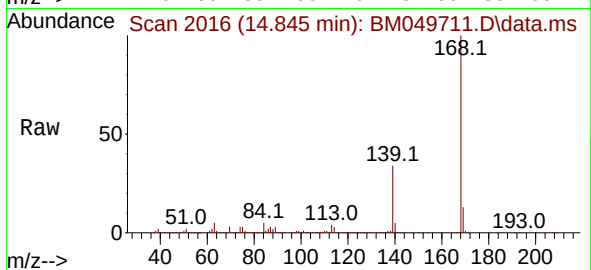
Tgt Ion:168 Resp: 3181581

Ion Ratio Lower Upper

168 100

139 33.9 27.4 41.0

169 13.5 10.7 16.1



#56

4-Nitrophenol

Concen: 50.845 ng

RT: 14.663 min Scan# 1985

Delta R.T. 0.006 min

Lab File: BM049711.D

Acq: 13 Mar 2025 12:19

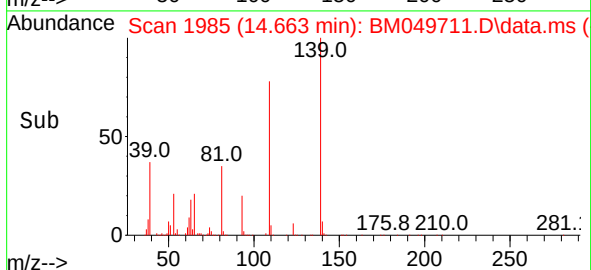
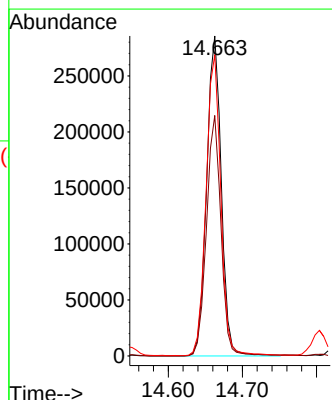
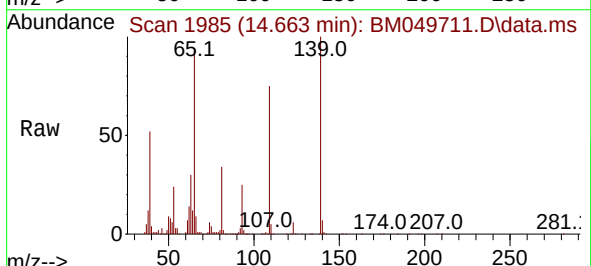
Tgt Ion:139 Resp: 392805

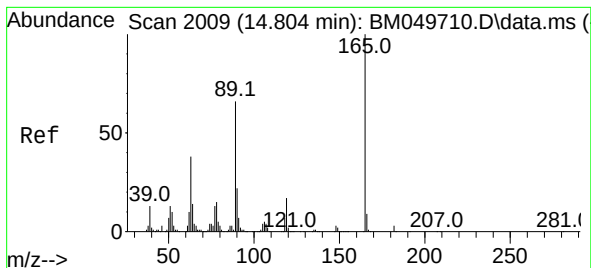
Ion Ratio Lower Upper

139 100

109 75.2 54.7 94.7

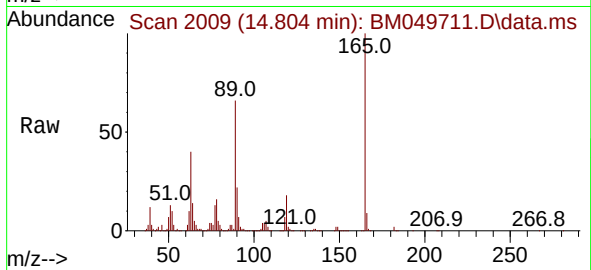
65 94.1 76.2 116.2



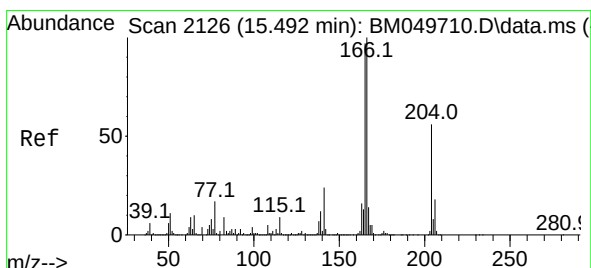
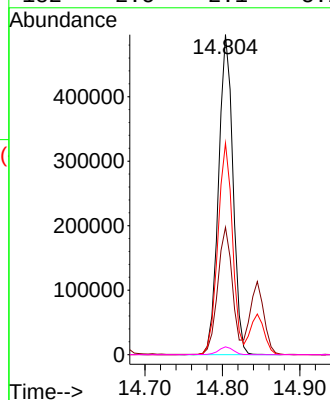
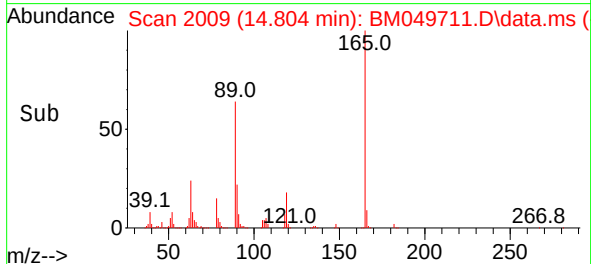


#57
2,4-Dinitrotoluene
Concen: 53.361 ng
RT: 14.804 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

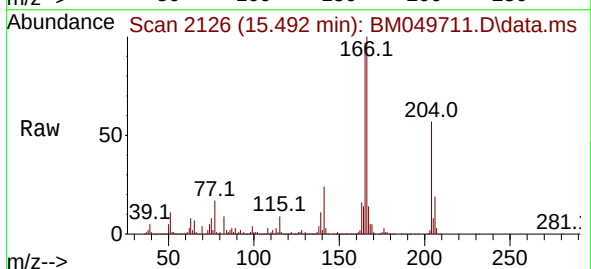
Instrument :
BNA_M
ClientSampleId :



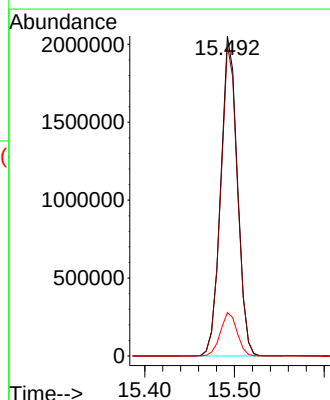
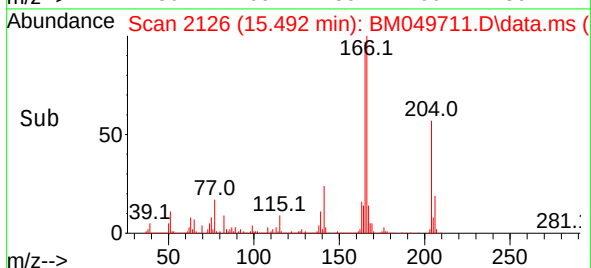
Tgt Ion:165 Resp: 640402
Ion Ratio Lower Upper
165 100
63 39.8 30.8 46.2
89 66.1 53.1 79.7
182 2.5 2.1 3.1

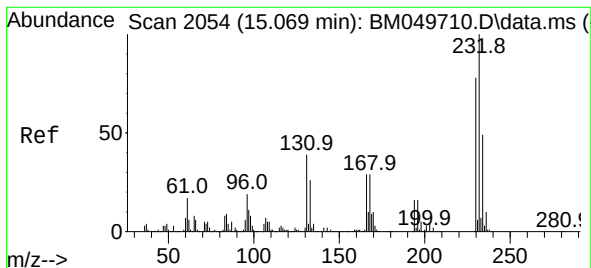


#58
Fluorene
Concen: 52.414 ng
RT: 15.492 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19



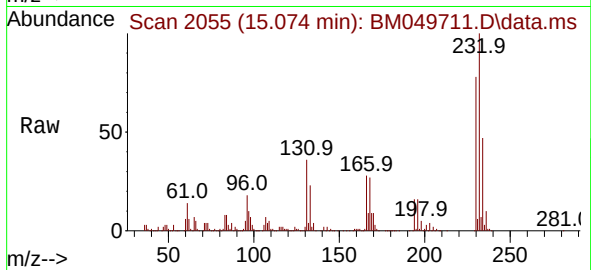
Tgt Ion:166 Resp: 2644175
Ion Ratio Lower Upper
166 100
165 97.3 77.5 116.3
167 13.6 10.9 16.3



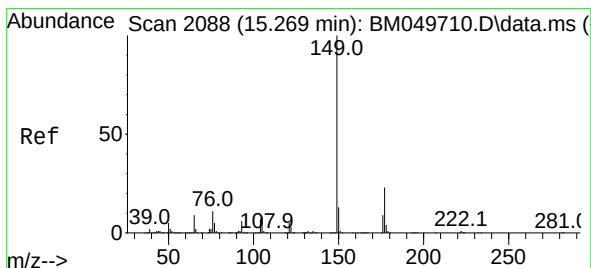
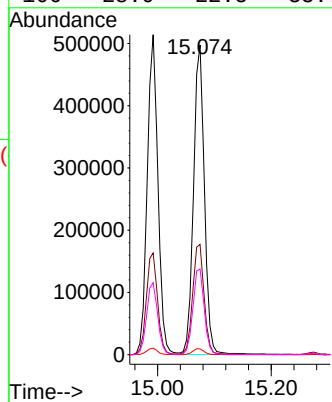
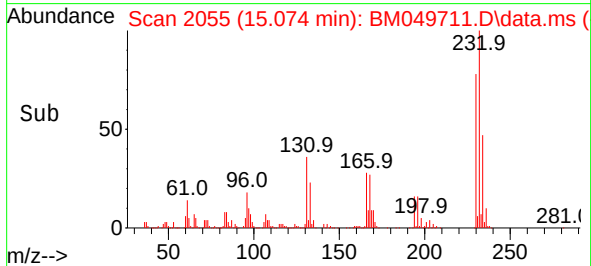


#59
2,3,4,6-Tetrachlorophenol
Concen: 52.395 ng
RT: 15.074 min Scan# 2055
Delta R.T. 0.006 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

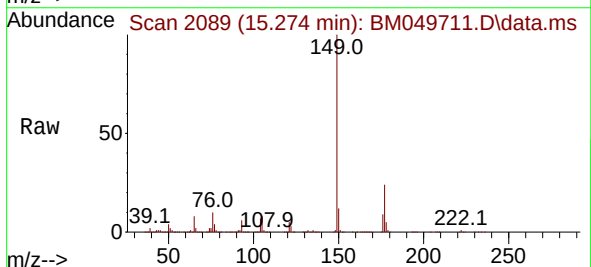
Instrument :
BNA_M
ClientSampleId :



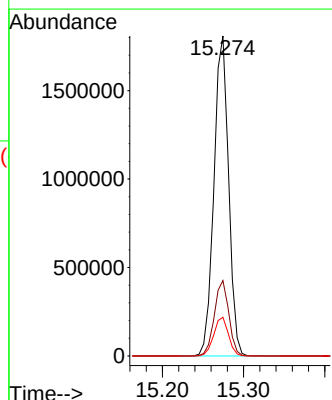
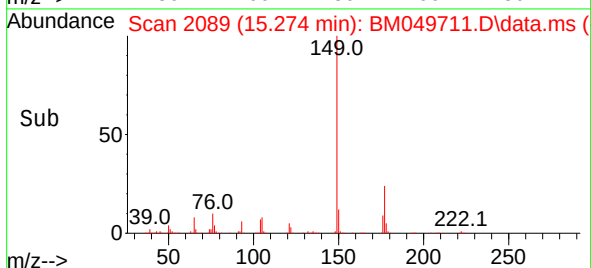
Tgt Ion:232 Resp: 665660
Ion Ratio Lower Upper
232 100
131 37.3 30.0 45.0
130 2.1 1.6 2.4
166 28.9 22.5 33.7

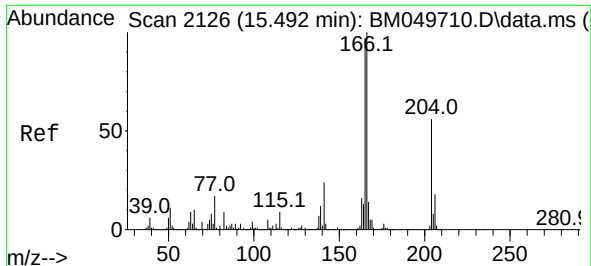


#60
Diethylphthalate
Concen: 51.595 ng
RT: 15.274 min Scan# 2089
Delta R.T. 0.006 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19



Tgt Ion:149 Resp: 2261890
Ion Ratio Lower Upper
149 100
177 23.6 18.2 27.2
150 12.1 10.0 15.0

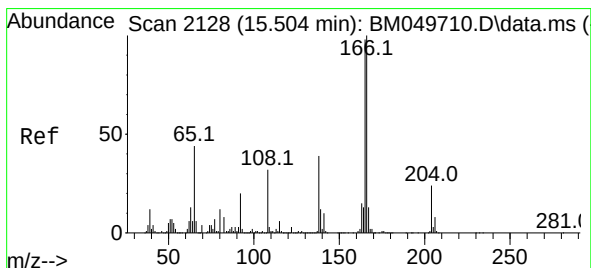
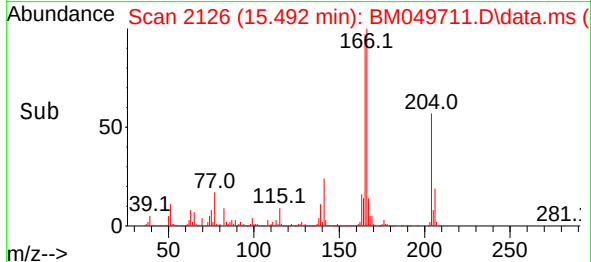
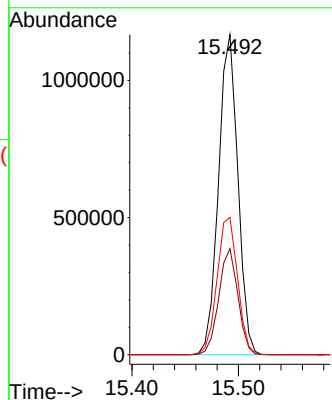
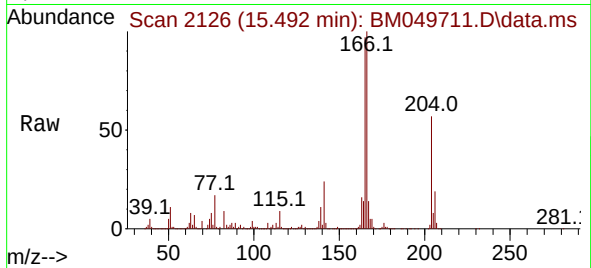




#61
4-Chlorophenyl-phenylether
Concen: 53.403 ng
RT: 15.492 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

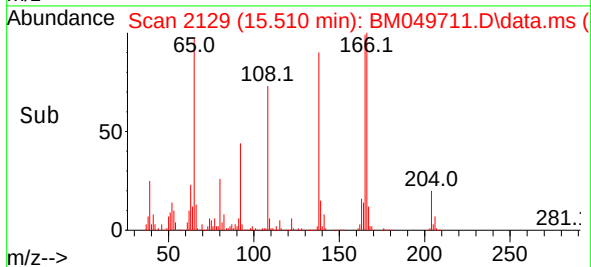
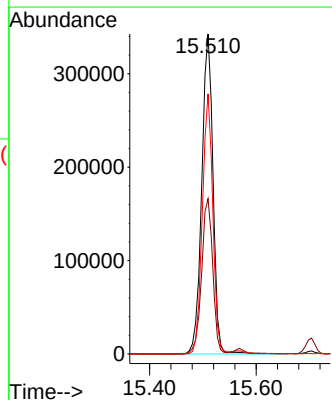
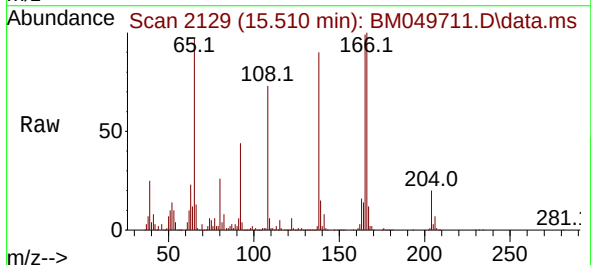
Instrument :
BNA_M
ClientSampleId :

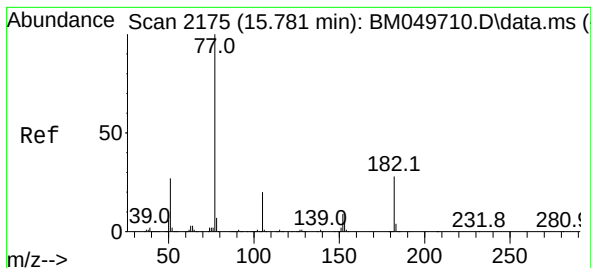
Tgt Ion:204 Resp: 1471150
Ion Ratio Lower Upper
204 100
206 33.1 25.2 37.8
141 42.9 34.5 51.7



#62
4-Nitroaniline
Concen: 47.589 ng
RT: 15.510 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

Tgt Ion:138 Resp: 502155
Ion Ratio Lower Upper
138 100
92 48.5 29.8 69.8
108 81.3 61.3 101.3





#63

Azobenzene

Concen: 51.918 ng

RT: 15.780 min Scan# 2175

Delta R.T. -0.000 min

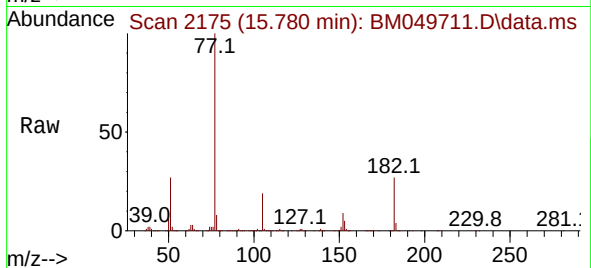
Lab File: BM049711.D

Acq: 13 Mar 2025 12:19

Instrument :

BNA_M

ClientSampleId :



Tgt Ion: 77 Resp: 2173983

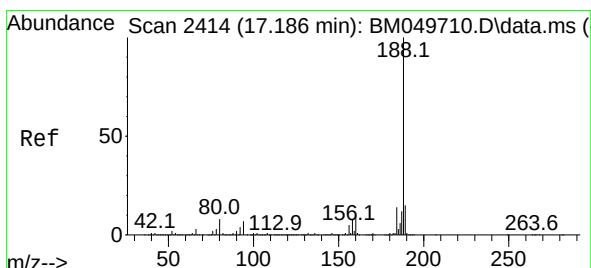
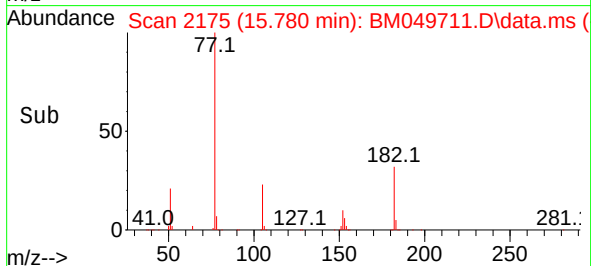
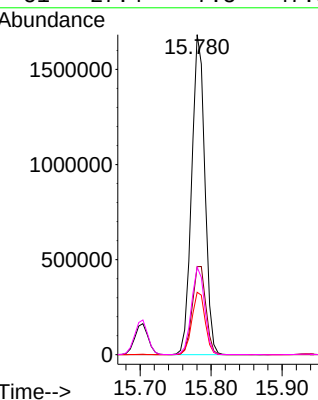
Ion Ratio Lower Upper

77 100

182 27.5 8.0 48.0

105 19.5 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: BM049711.D

Acq: 13 Mar 2025 12:19

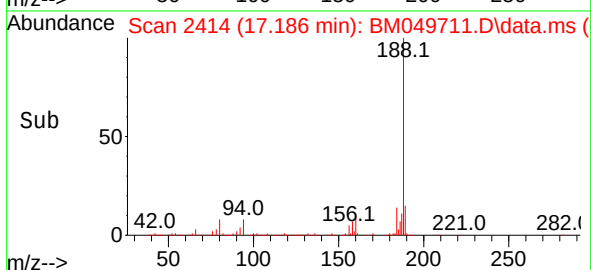
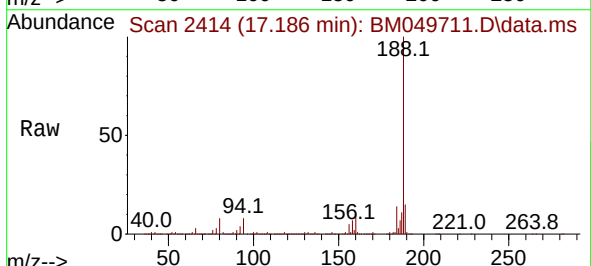
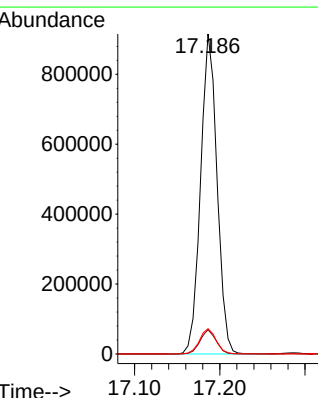
Tgt Ion:188 Resp: 1230919

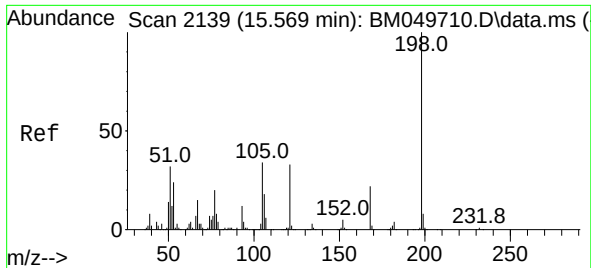
Ion Ratio Lower Upper

188 100

94 7.6 5.8 8.6

80 7.9 6.3 9.5

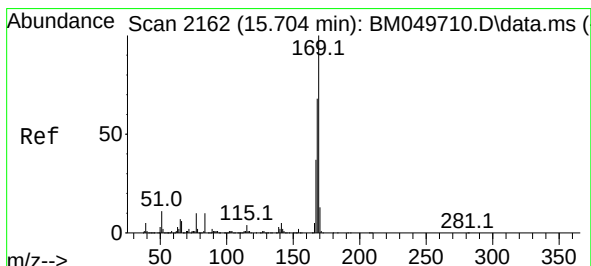
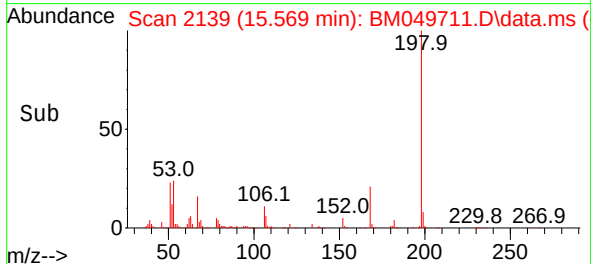
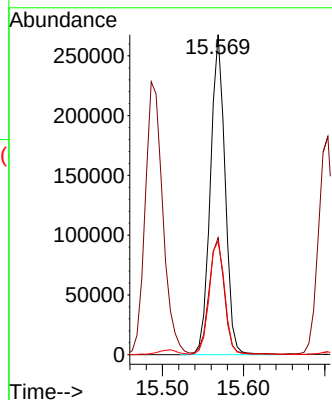
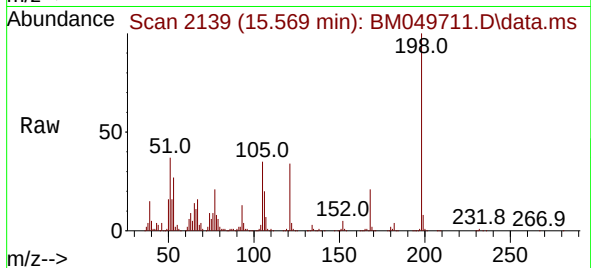




#65
4,6-Dinitro-2-methylphenol
Concen: 49.773 ng
RT: 15.569 min Scan# 2139
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

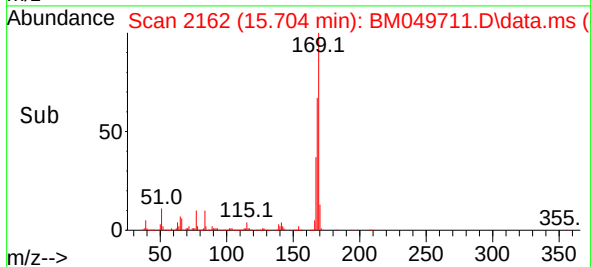
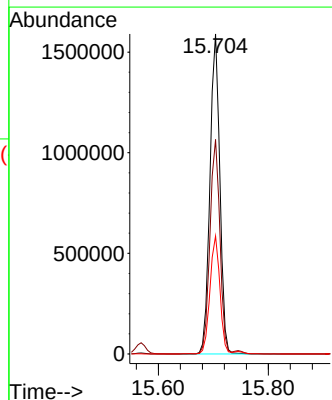
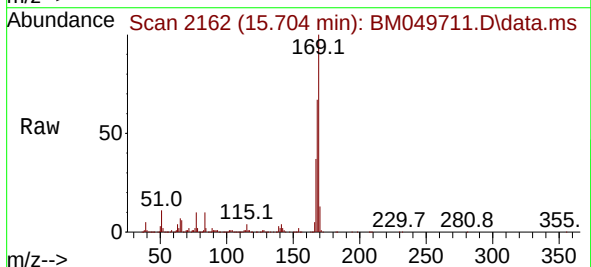
Instrument :
BNA_M
ClientSampleId :

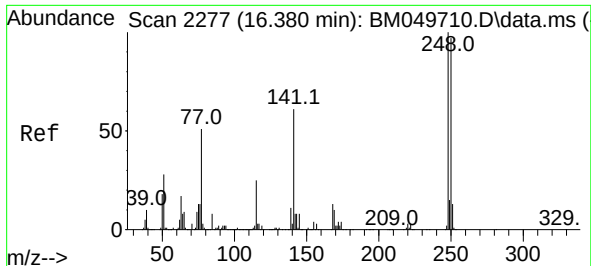
Tgt Ion:198 Resp: 336162
Ion Ratio Lower Upper
198 100
51 36.5 13.8 53.8
105 35.3 14.0 54.0



#66
n-Nitrosodiphenylamine
Concen: 53.109 ng
RT: 15.704 min Scan# 2162
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

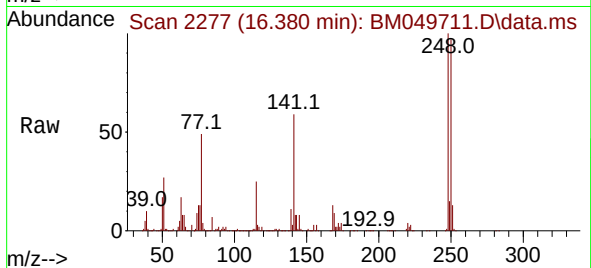
Tgt Ion:169 Resp: 1980682
Ion Ratio Lower Upper
169 100
168 67.0 54.8 82.2
167 36.9 29.9 44.9



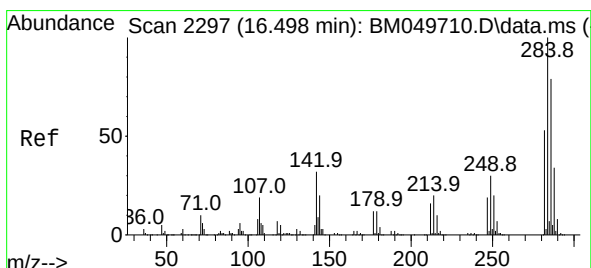
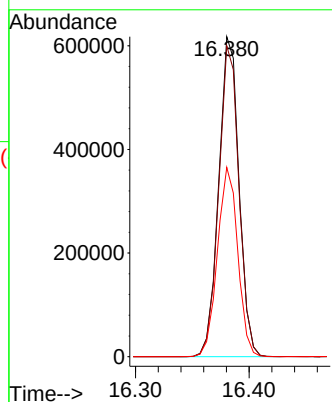
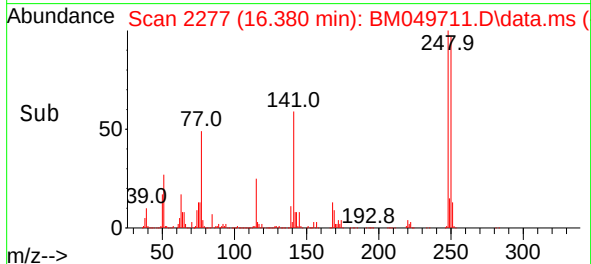


#67
4-Bromophenyl-phenylether
Concen: 53.896 ng
RT: 16.380 min Scan# 2277
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

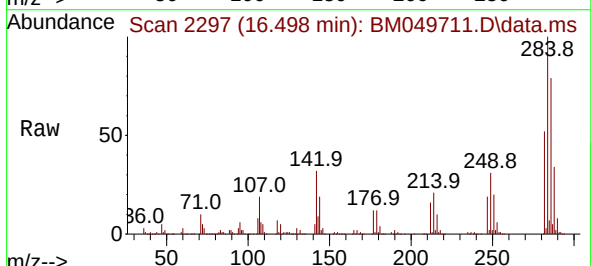
Instrument :
BNA_M
ClientSampleId :



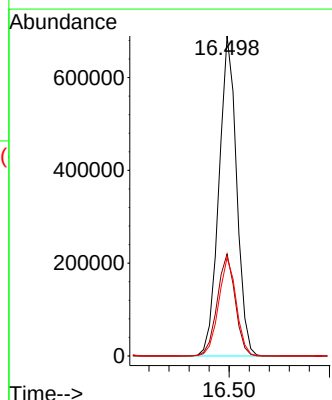
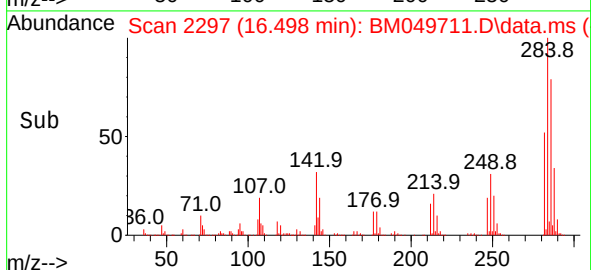
Tgt Ion:248 Resp: 765956
Ion Ratio Lower Upper
248 100
250 97.1 77.9 116.9
141 59.1 48.6 73.0

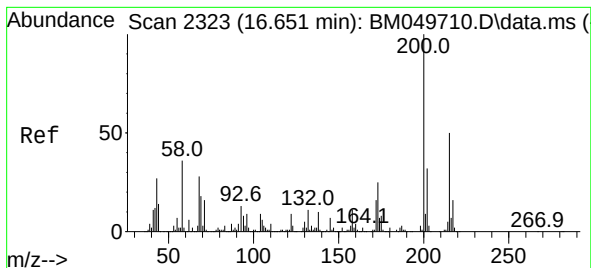


#68
Hexachlorobenzene
Concen: 52.726 ng
RT: 16.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19



Tgt Ion:284 Resp: 842630
Ion Ratio Lower Upper
284 100
142 31.9 25.5 38.3
249 30.8 24.2 36.2





#69

Atrazine

Concen: 36.748 ng

RT: 16.651 min Scan# 2323

Delta R.T. -0.000 min

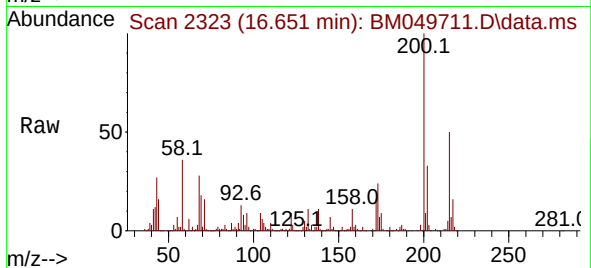
Lab File: BM049711.D

Acq: 13 Mar 2025 12:19

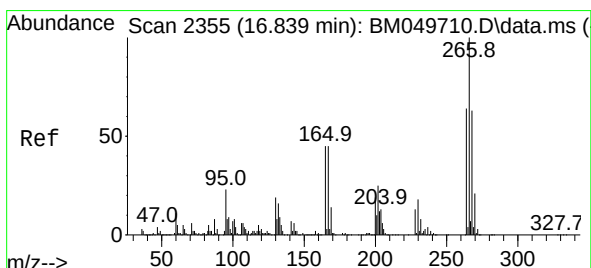
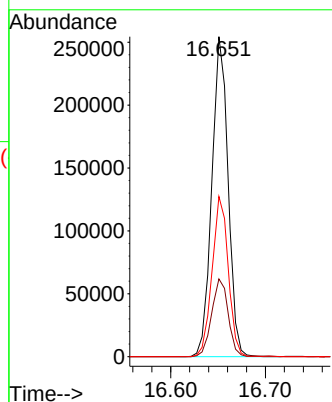
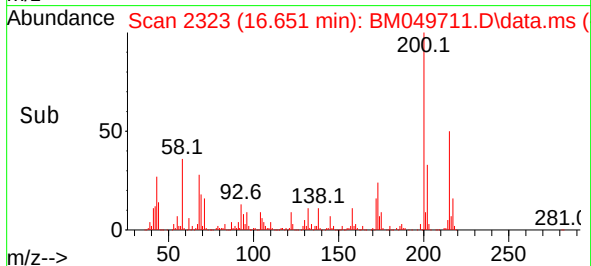
Instrument :

BNA_M

ClientSampleId :



Tgt Ion:	200	Resp:	302033
Ion Ratio	Lower	Upper	
200	100		
173	24.3	5.4	45.4
215	50.0	29.8	69.8



#70

Pentachlorophenol

Concen: 52.267 ng

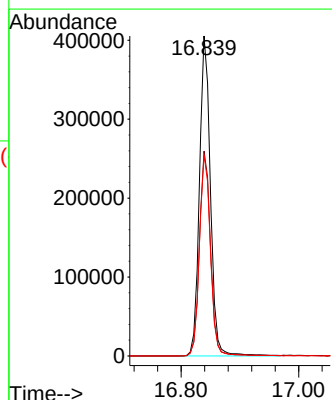
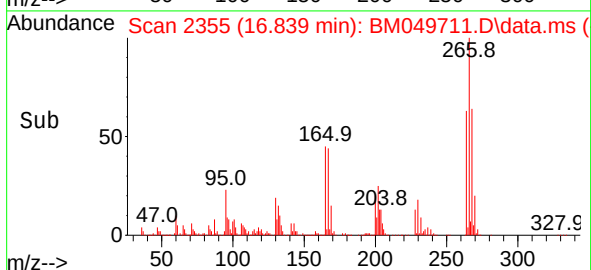
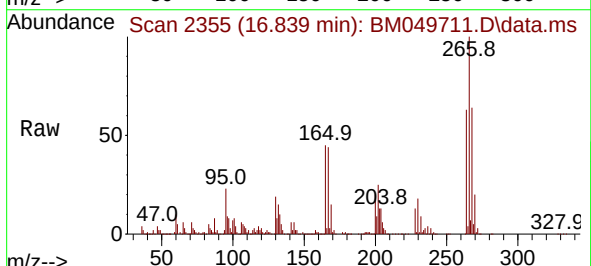
RT: 16.839 min Scan# 2355

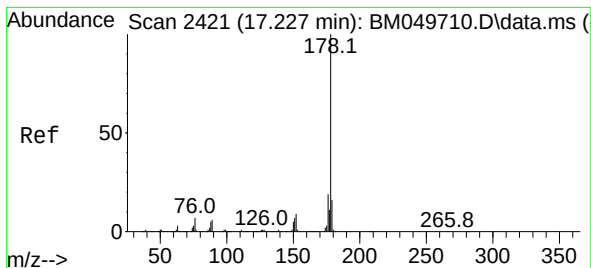
Delta R.T. 0.000 min

Lab File: BM049711.D

Acq: 13 Mar 2025 12:19

Tgt Ion:	266	Resp:	524923
Ion Ratio	Lower	Upper	
266	100		
268	64.0	50.2	75.2
264	62.8	51.3	76.9





#71

Phenanthrene

Concen: 52.153 ng

RT: 17.227 min Scan# 2421

Delta R.T. -0.000 min

Lab File: BM049711.D

Acq: 13 Mar 2025 12:19

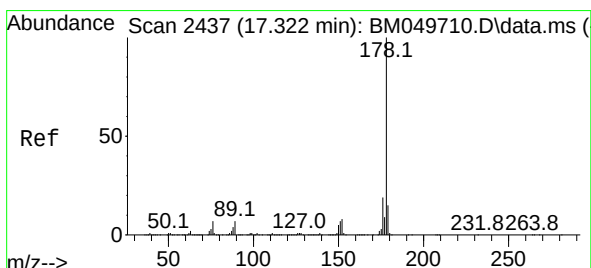
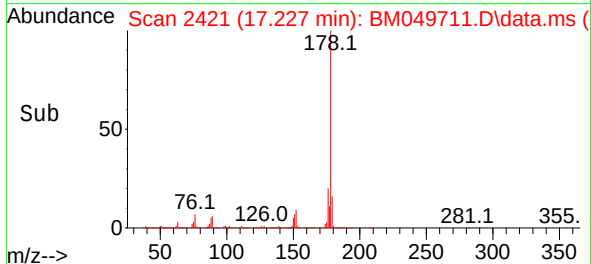
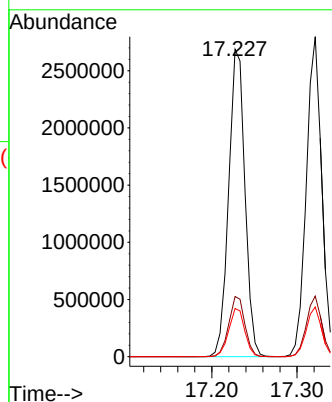
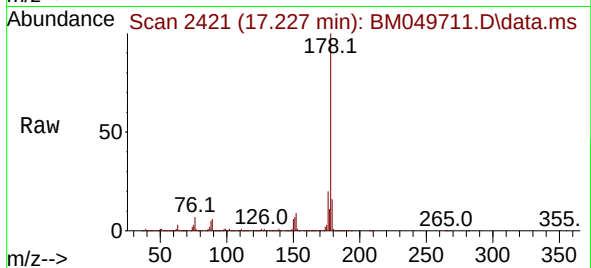
Instrument :

BNA_M

ClientSampleId :

Tgt Ion:178 Resp: 3564661

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.5	23.3
179	15.7	12.5	18.7



#72

Anthracene

Concen: 53.168 ng

RT: 17.321 min Scan# 2437

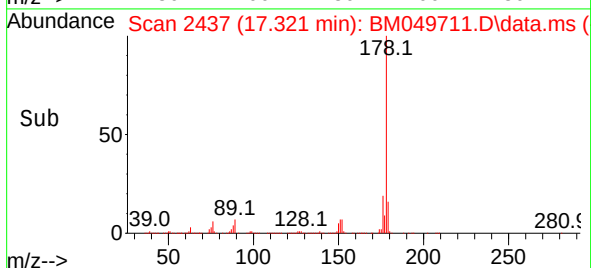
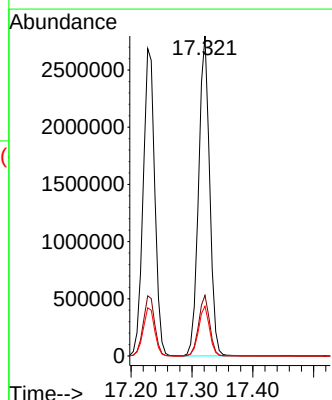
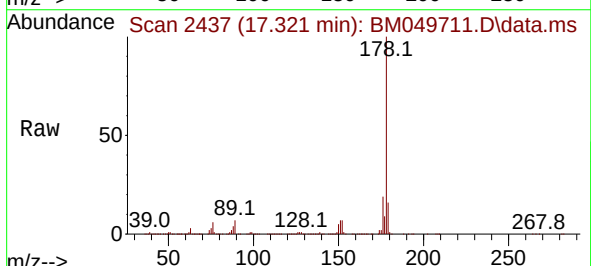
Delta R.T. -0.000 min

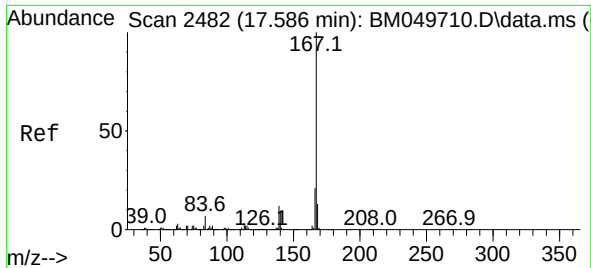
Lab File: BM049711.D

Acq: 13 Mar 2025 12:19

Tgt Ion:178 Resp: 3519355

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	15.6	12.4	18.6

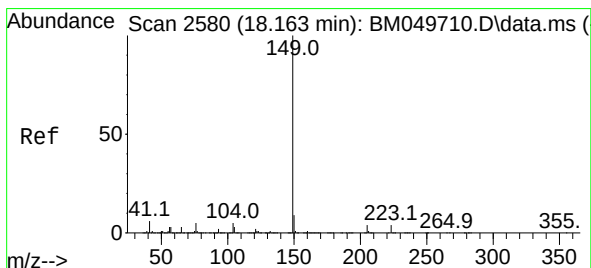
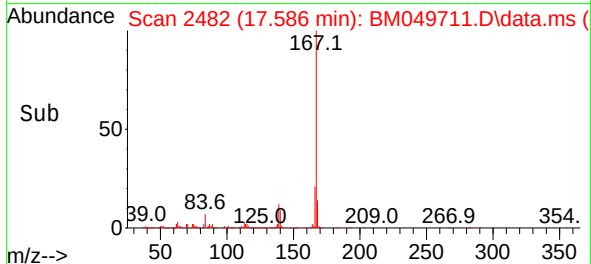
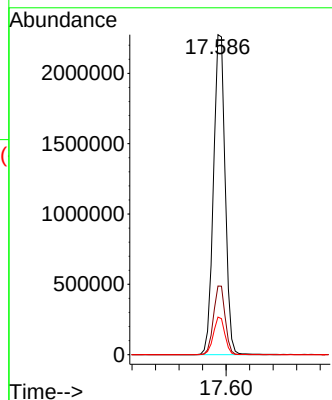
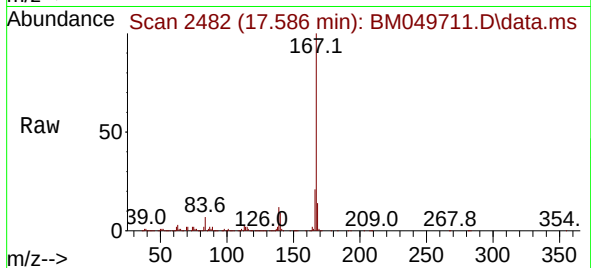




#73
 Carbazole
 Concen: 52.143 ng
 RT: 17.586 min Scan# 2482
 Delta R.T. -0.000 min
 Lab File: BM049711.D
 Acq: 13 Mar 2025 12:19

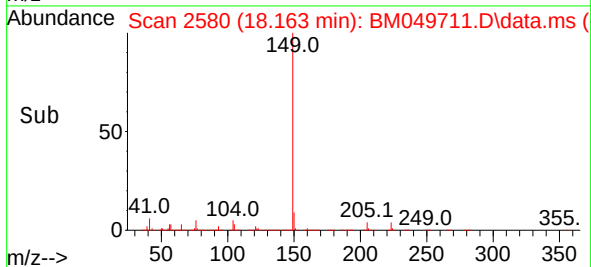
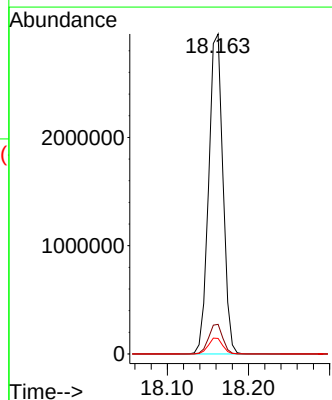
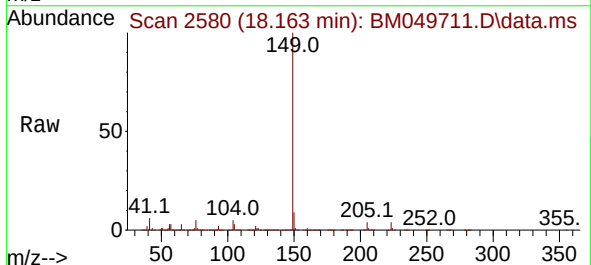
Instrument :
 BNA_M
 ClientSampleId :

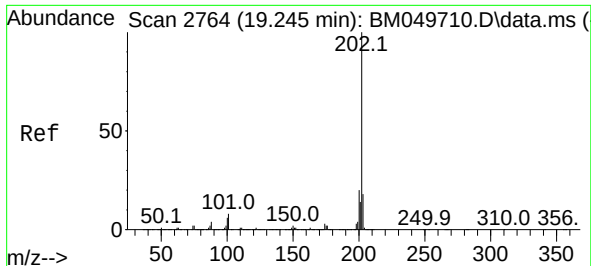
Tgt Ion:167 Resp: 3125864
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.0 25.6
 139 11.8 9.4 14.2



#74
 Di-n-butylphthalate
 Concen: 54.535 ng
 RT: 18.163 min Scan# 2580
 Delta R.T. -0.000 min
 Lab File: BM049711.D
 Acq: 13 Mar 2025 12:19

Tgt Ion:149 Resp: 3583163
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.2 10.8
 104 4.8 3.9 5.9

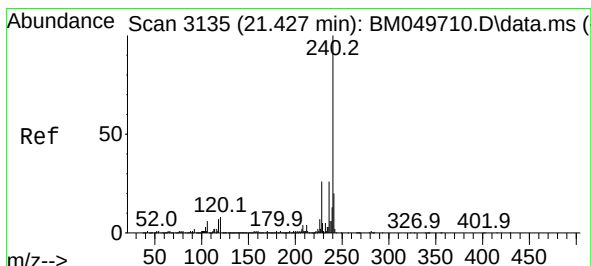
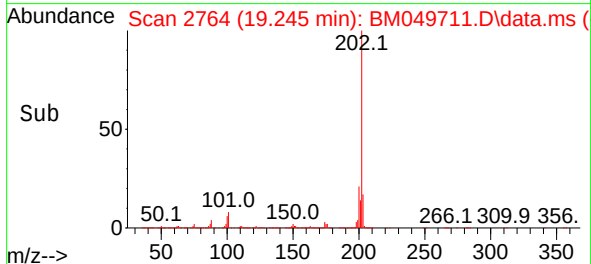
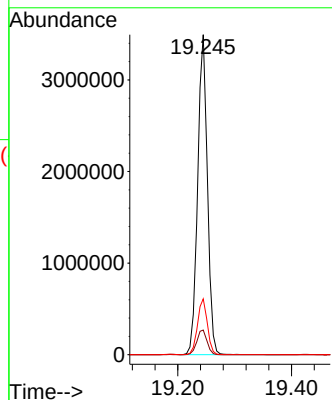
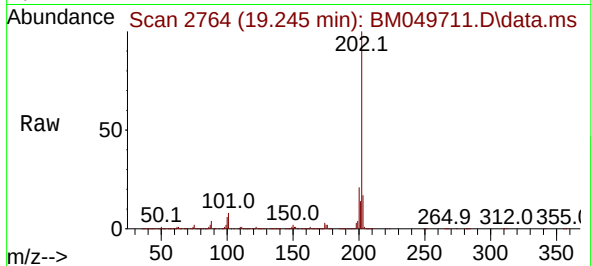




#75
Fluoranthene
Concen: 52.921 ng
RT: 19.245 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

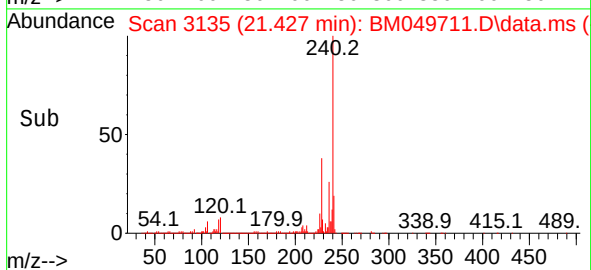
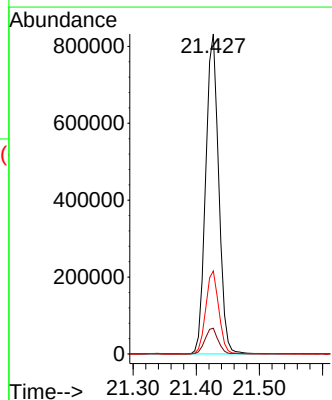
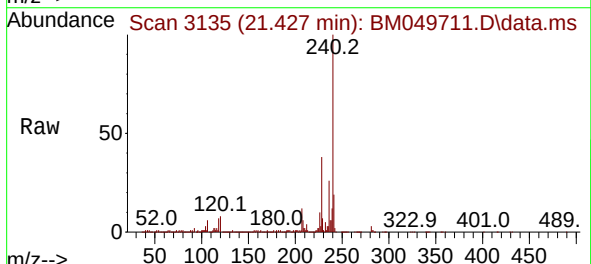
Instrument :
BNA_M
ClientSampleId :

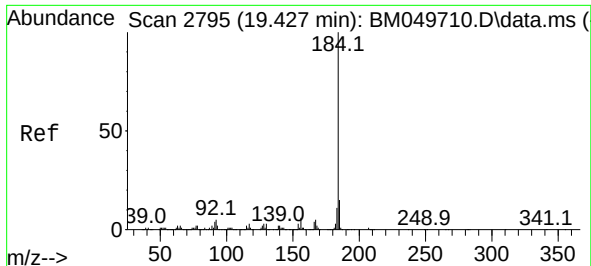
Tgt Ion:202 Resp: 4164429
Ion Ratio Lower Upper
202 100
101 7.7 0.0 27.8
203 17.4 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.427 min Scan# 3135
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

Tgt Ion:240 Resp: 1192033
Ion Ratio Lower Upper
240 100
120 8.0 6.5 9.7
236 25.9 20.7 31.1

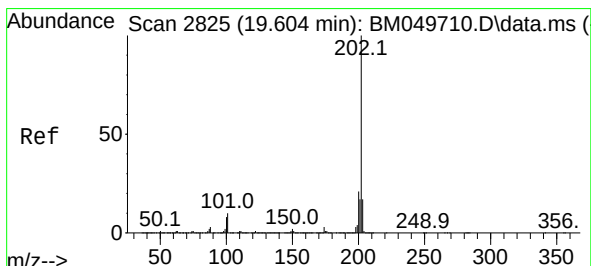
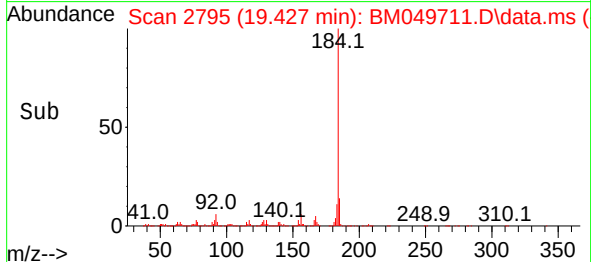
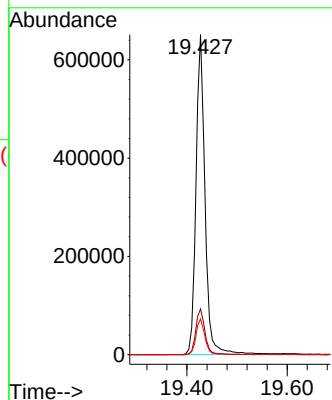
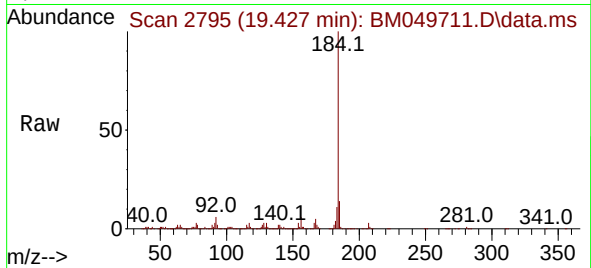




#77
Benzidine
Concen: 56.913 ng
RT: 19.427 min Scan# 2795
Delta R.T. 0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

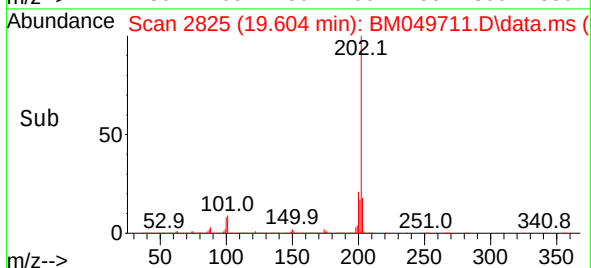
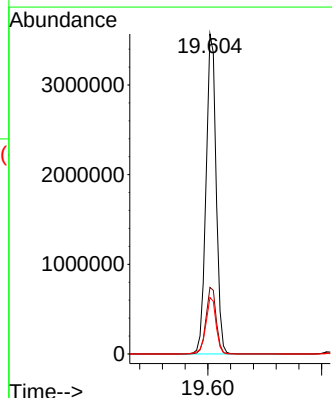
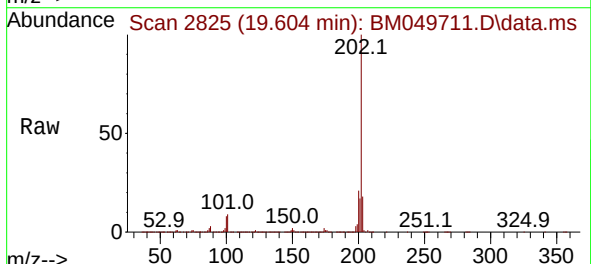
Instrument :
BNA_M
ClientSampleId :

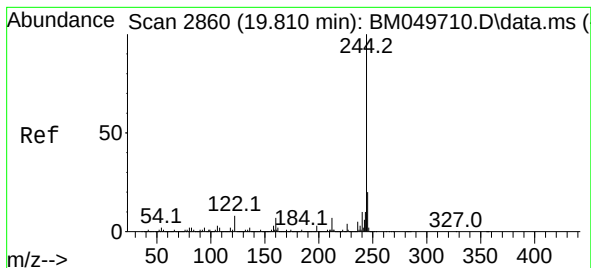
Tgt Ion:184 Resp: 815052
Ion Ratio Lower Upper
184 100
185 14.3 11.7 17.5
183 11.2 8.8 13.2



#78
Pyrene
Concen: 52.541 ng
RT: 19.604 min Scan# 2825
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

Tgt Ion:202 Resp: 4375693
Ion Ratio Lower Upper
202 100
200 20.8 17.0 25.4
203 17.7 14.0 21.0





#79

Terphenyl-d14

Concen: 113.924 ng

RT: 19.809 min Scan# 2

Delta R.T. -0.000 min

Lab File: BM049711.D

Acq: 13 Mar 2025 12:19

Instrument :

BNA_M

ClientSampleId :

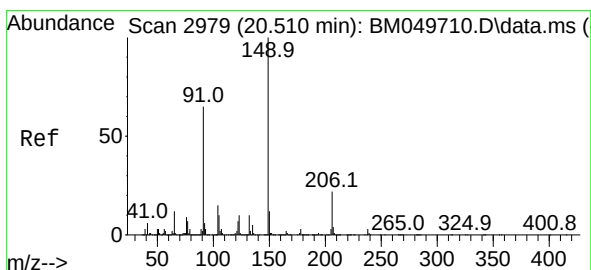
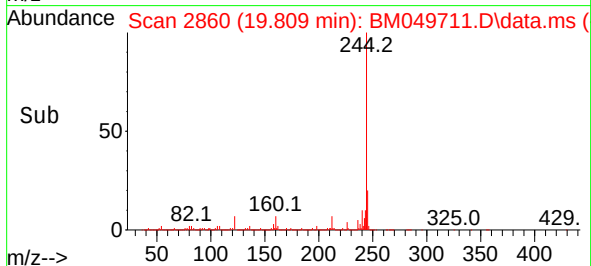
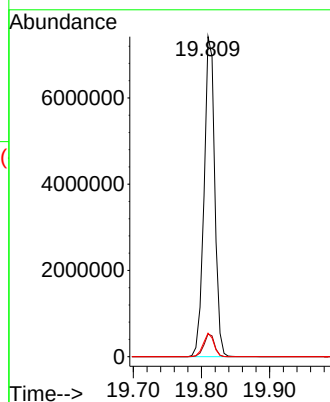
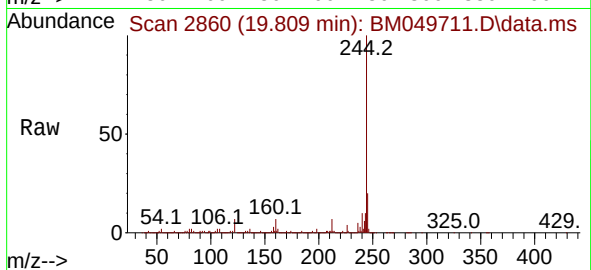
Tgt Ion:244 Resp: 8058803

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 7.4 6.0 9.0



#80

Butylbenzylphthalate

Concen: 55.594 ng

RT: 20.509 min Scan# 2979

Delta R.T. -0.000 min

Lab File: BM049711.D

Acq: 13 Mar 2025 12:19

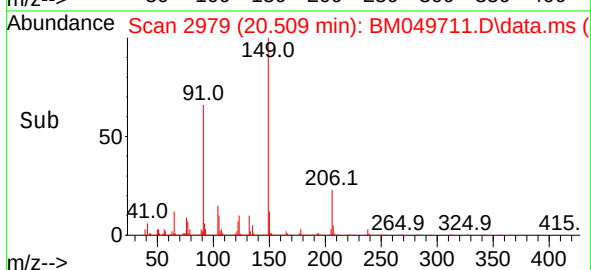
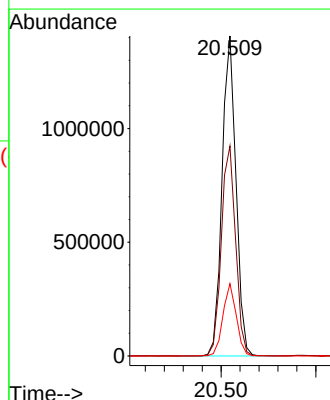
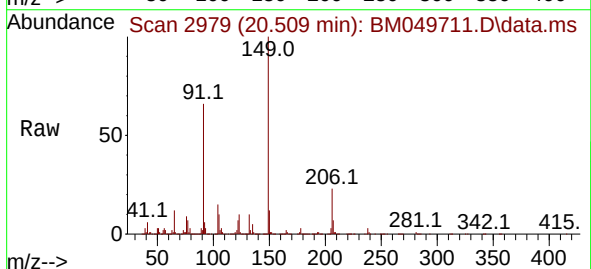
Tgt Ion:149 Resp: 1436857

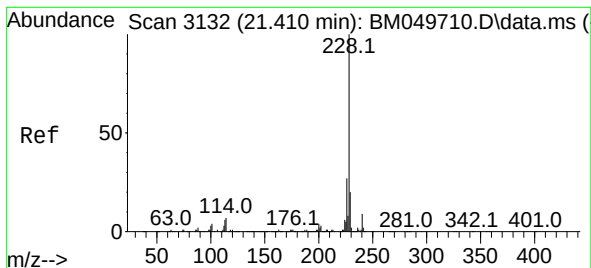
Ion Ratio Lower Upper

149 100

91 65.6 52.2 78.4

206 22.6 17.6 26.4





#81

Benzo(a)anthracene

Concen: 52.933 ng

RT: 21.409 min Scan# 3132

Delta R.T. -0.000 min

Lab File: BM049711.D

Acq: 13 Mar 2025 12:19

Instrument :

BNA_M

ClientSampleId :

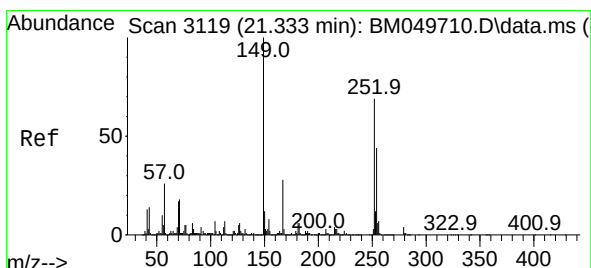
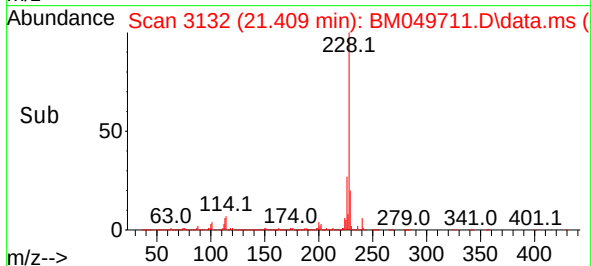
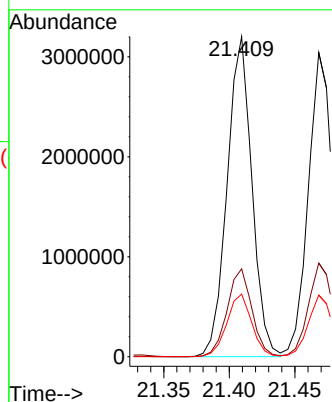
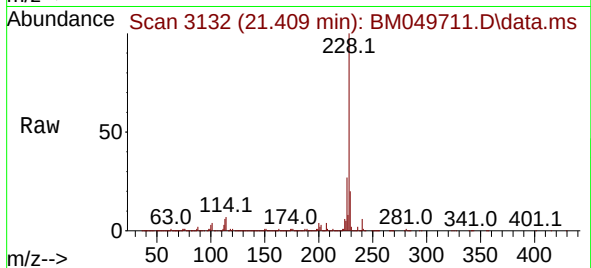
Tgt Ion:228 Resp: 4214500

Ion Ratio Lower Upper

228 100

226 27.5 22.0 33.0

229 19.6 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 54.540 ng

RT: 21.333 min Scan# 3119

Delta R.T. -0.000 min

Lab File: BM049711.D

Acq: 13 Mar 2025 12:19

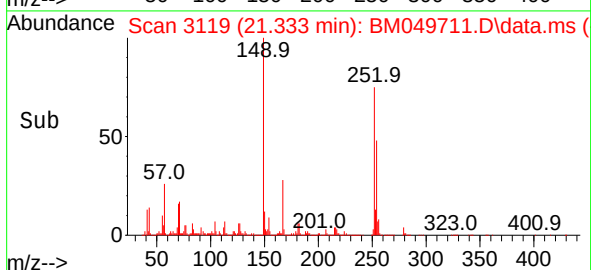
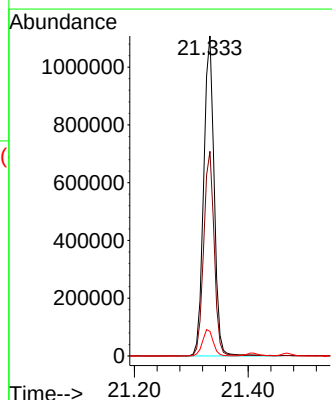
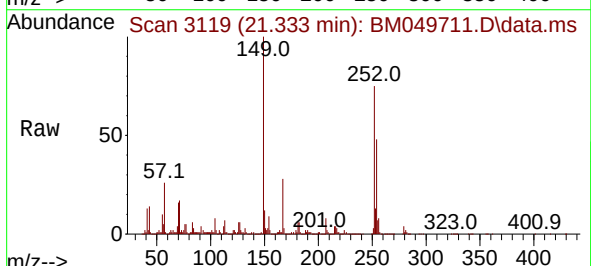
Tgt Ion:252 Resp: 1413811

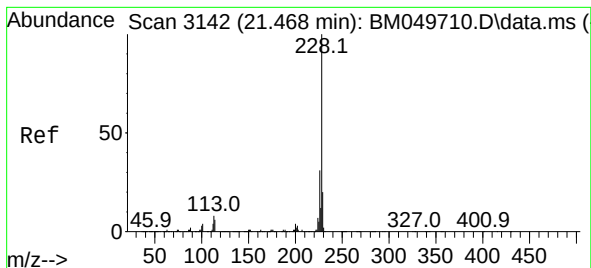
Ion Ratio Lower Upper

252 100

254 64.0 51.0 76.4

126 7.7 6.3 9.5





#83

Chrysene

Concen: 52.613 ng

RT: 21.468 min Scan# 3142

Delta R.T. -0.000 min

Lab File: BM049711.D

Acq: 13 Mar 2025 12:19

Instrument :

BNA_M

ClientSampleId :

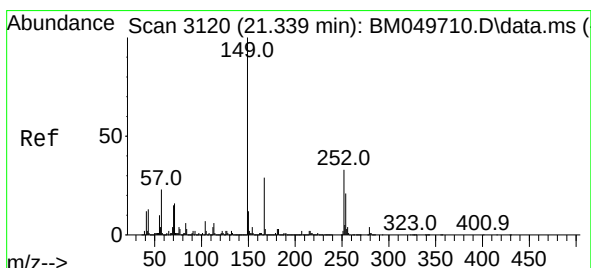
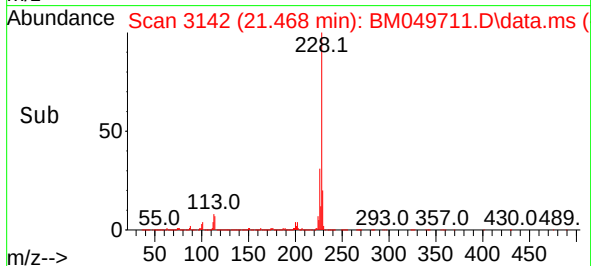
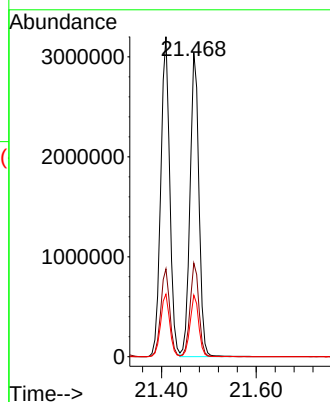
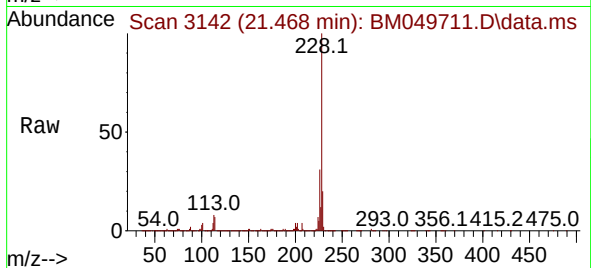
Tgt Ion:228 Resp: 3970998

Ion Ratio Lower Upper

228 100

226 30.8 24.5 36.7

229 20.3 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.022 ng

RT: 21.339 min Scan# 3120

Delta R.T. -0.000 min

Lab File: BM049711.D

Acq: 13 Mar 2025 12:19

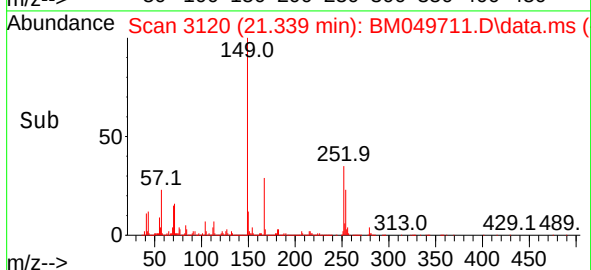
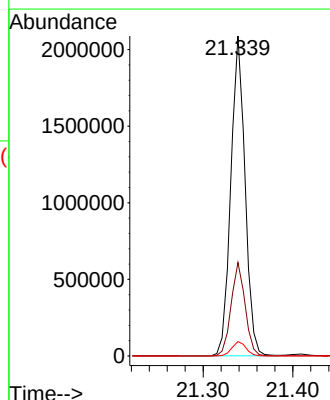
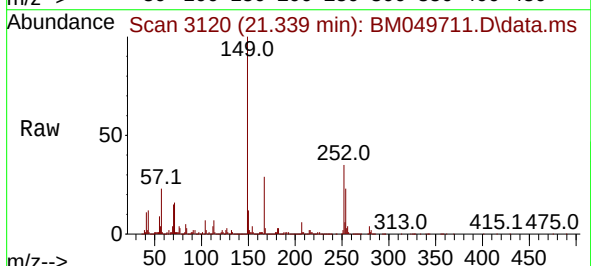
Tgt Ion:149 Resp: 2296803

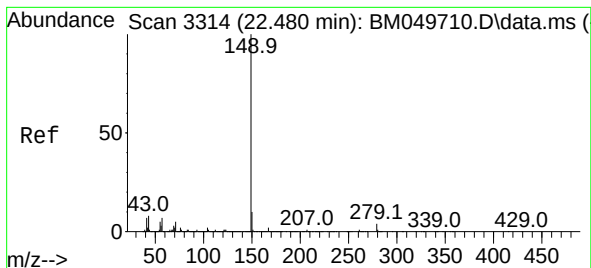
Ion Ratio Lower Upper

149 100

167 29.2 22.9 34.3

279 4.5 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 54.543 ng

RT: 22.480 min Scan# 3314

Delta R.T. -0.000 min

Lab File: BM049711.D

Acq: 13 Mar 2025 12:19

Instrument :

BNA_M

ClientSampleId :

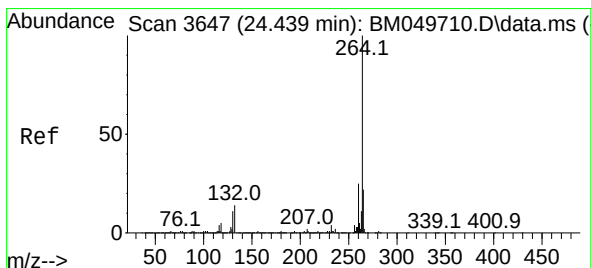
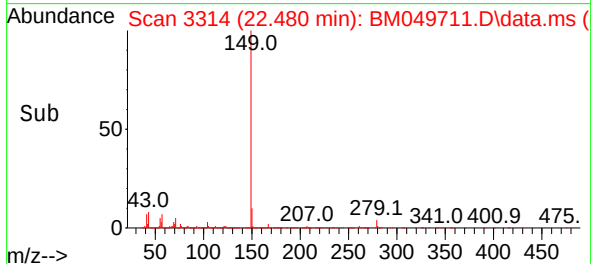
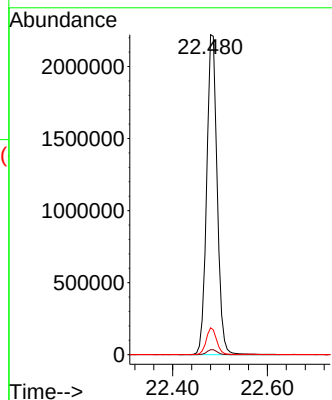
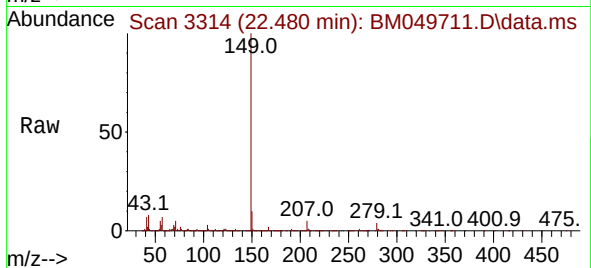
Tgt Ion:149 Resp: 3414666

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.3 6.8 10.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.439 min Scan# 3647

Delta R.T. -0.000 min

Lab File: BM049711.D

Acq: 13 Mar 2025 12:19

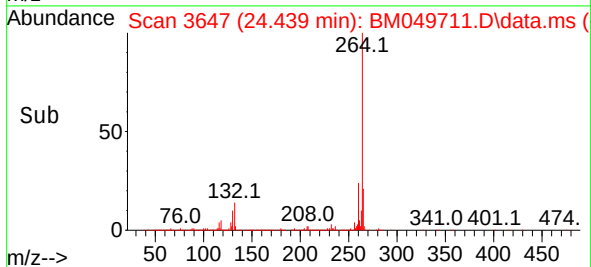
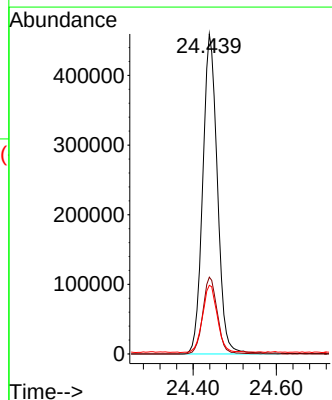
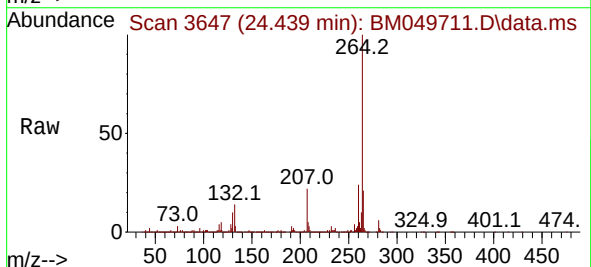
Tgt Ion:264 Resp: 1121126

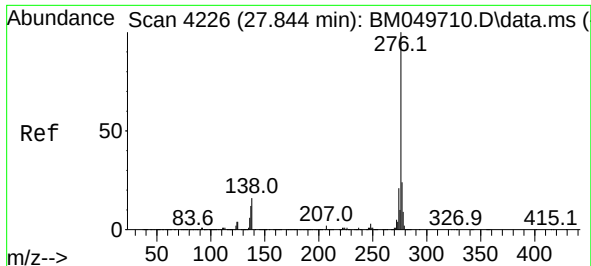
Ion Ratio Lower Upper

264 100

260 24.0 19.6 29.4

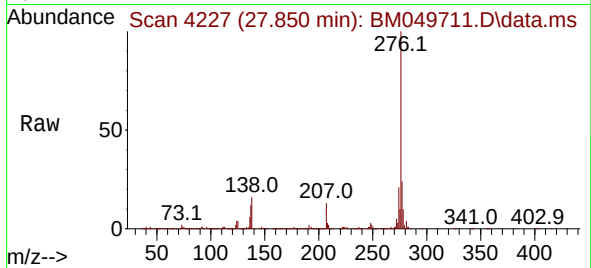
265 21.4 18.2 27.2



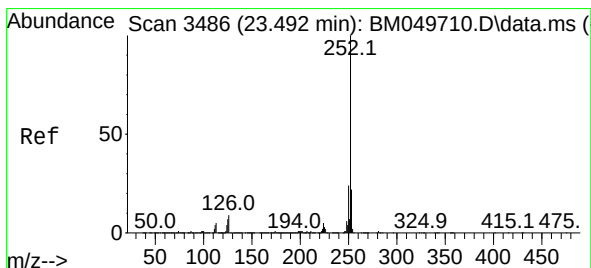
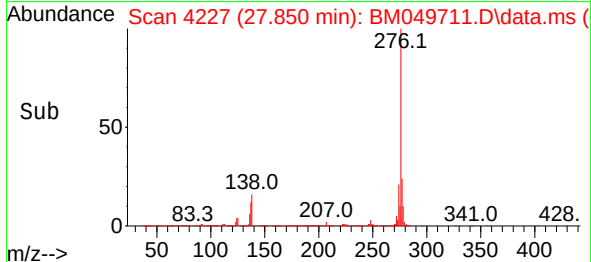
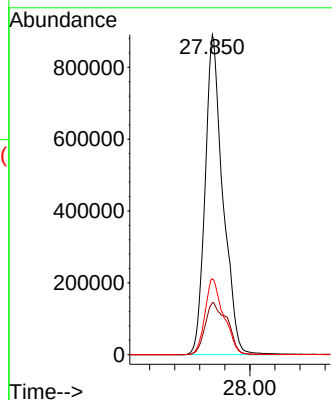


#87
Indeno(1,2,3-cd)pyrene
Concen: 54.427 ng
RT: 27.850 min Scan# 4227
Delta R.T. 0.006 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

Instrument :
BNA_M
ClientSampleId :

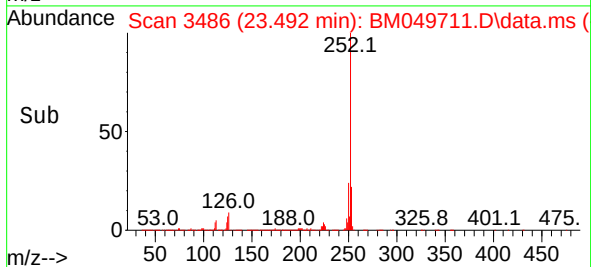
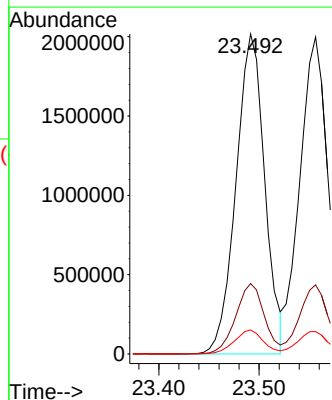
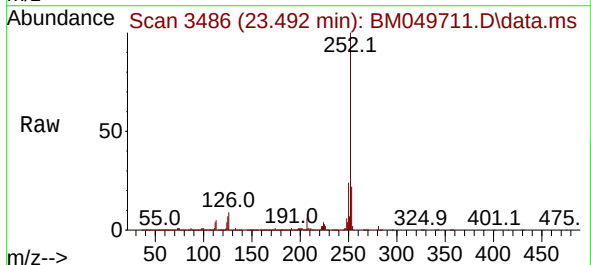


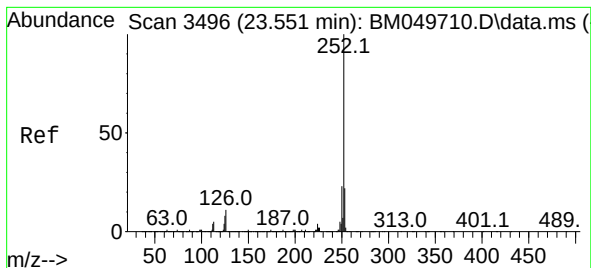
Tgt Ion:276 Resp: 4391909
Ion Ratio Lower Upper
276 100
138 20.2 16.3 24.5
277 24.8 19.9 29.9



#88
Benzo(b)fluoranthene
Concen: 53.172 ng
RT: 23.492 min Scan# 3486
Delta R.T. -0.000 min
Lab File: BM049711.D
Acq: 13 Mar 2025 12:19

Tgt Ion:252 Resp: 4015121
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 7.5 5.9 8.9





#89

Benzo(k)fluoranthene

Concen: 53.113 ng

RT: 23.556 min Scan# 3496

Delta R.T. 0.006 min

Lab File: BM049711.D

Acq: 13 Mar 2025 12:19

Instrument :

BNA_M

ClientSampleId :

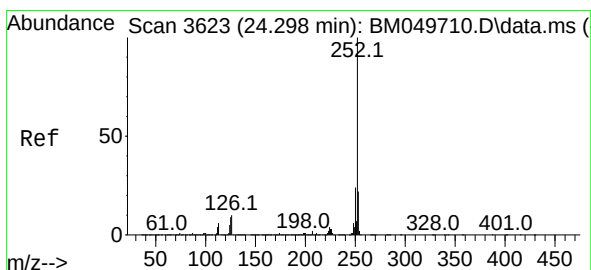
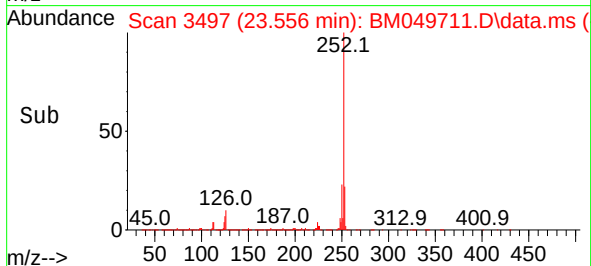
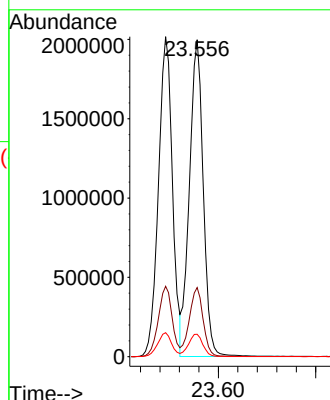
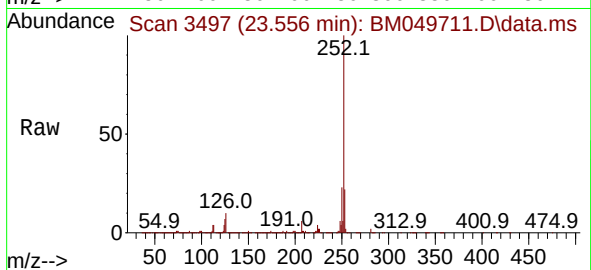
Tgt Ion:252 Resp: 3946464

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 7.1 6.2 9.2



#90

Benzo(a)pyrene

Concen: 53.487 ng

RT: 24.303 min Scan# 3624

Delta R.T. 0.006 min

Lab File: BM049711.D

Acq: 13 Mar 2025 12:19

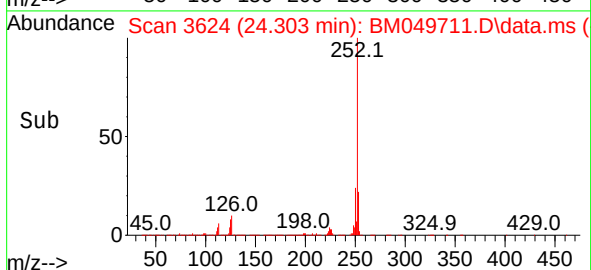
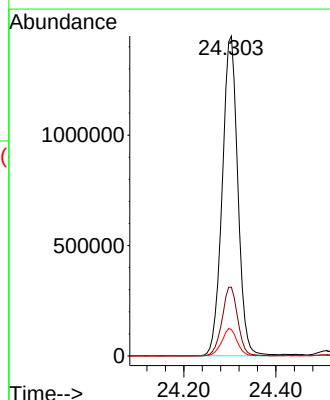
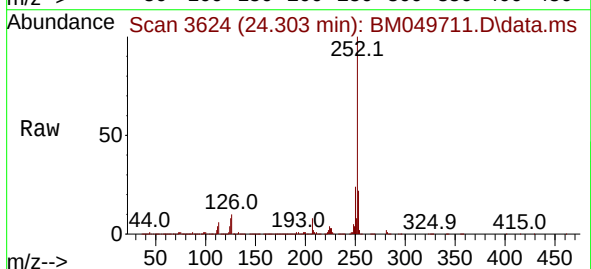
Tgt Ion:252 Resp: 3392495

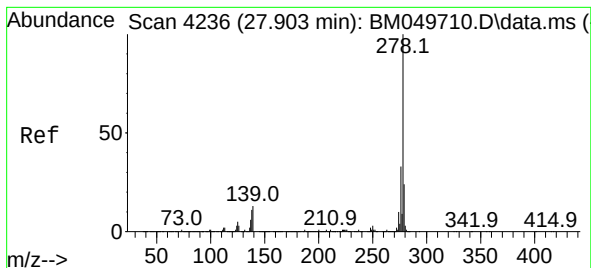
Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

125 8.2 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 54.170 ng

RT: 27.909 min Scan# 41

Delta R.T. 0.006 min

Lab File: BM049711.D

Acq: 13 Mar 2025 12:19

Instrument :

BNA_M

ClientSampleId :

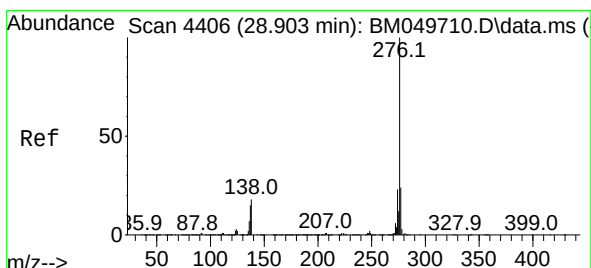
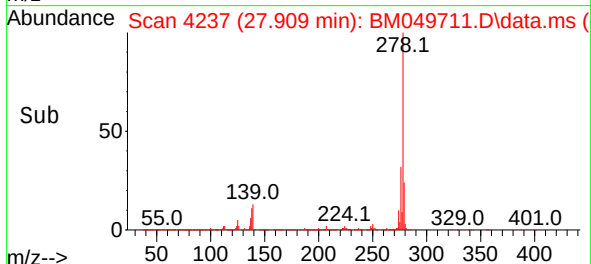
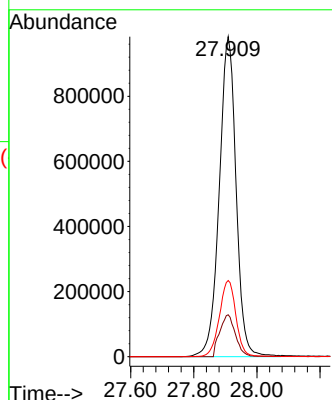
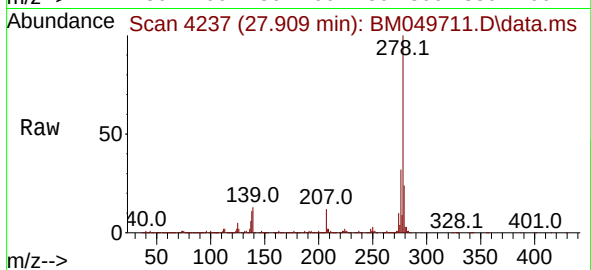
Tgt Ion:278 Resp: 3641852

Ion Ratio Lower Upper

278 100

139 13.1 10.1 15.1

279 23.8 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 53.651 ng

RT: 28.915 min Scan# 4408

Delta R.T. 0.012 min

Lab File: BM049711.D

Acq: 13 Mar 2025 12:19

Tgt Ion:276 Resp: 3633253

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 17.0 14.0 21.0

