

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040225\
 Data File : BM049797.D
 Acq On : 02 Apr 2025 19:18
 Operator : RC/JU
 Sample : Q1664-02MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-BBDGA-001-01MS

Quant Time: Apr 03 00:48:52 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 14:55:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.786	152	289891	20.000	ng	-0.02
21) Naphthalene-d8	10.580	136	1002529	20.000	ng	-0.02
39) Acenaphthene-d10	14.427	164	624668	20.000	ng	-0.02
64) Phenanthrene-d10	17.168	188	1190364	20.000	ng	-0.02
76) Chrysene-d12	21.403	240	1305132	20.000	ng	-0.02
86) Perylene-d12	24.403	264	1260592	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1696210	98.729	ng	-0.02
7) Phenol-d6	6.963	99	2456804	113.949	ng	-0.02
23) Nitrobenzene-d5	8.945	82	1553440	79.555	ng	-0.02
42) 2,4,6-Tribromophenol	15.915	330	639003	87.604	ng	-0.02
45) 2-Fluorobiphenyl	13.051	172	3835452	76.896	ng	-0.02
79) Terphenyl-d14	19.792	244	6114689	78.950	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.269	88	331972	44.636	ng	99
3) Pyridine	3.669	79	910806	47.952	ng	99
4) n-Nitrosodimethylamine	3.575	42	424496	50.510	ng	97
6) Aniline	7.110	93	641150	35.495	ng	99
8) 2-Chlorophenol	7.351	128	918525	53.988	ng	99
9) Benzaldehyde	6.922	77	596604	55.973	ng	99
10) Phenol	6.987	94	1153490	55.175	ng	99
11) bis(2-Chloroethyl)ether	7.210	93	900879	53.214	ng	98
12) 1,3-Dichlorobenzene	7.675	146	1072052	51.850	ng	98
13) 1,4-Dichlorobenzene	7.822	146	1079874	51.771	ng	99
14) 1,2-Dichlorobenzene	8.139	146	1030492	51.983	ng	99
15) Benzyl Alcohol	8.028	79	759886	56.162	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.316	45	1111528	55.863	ng	99
17) 2-Methylphenol	8.234	107	709687	57.178	ng	100
18) Hexachloroethane	8.869	117	388088	52.686	ng	96
19) n-Nitroso-di-n-propyla...	8.598	70	700479	56.029	ng	100
20) 3+4-Methylphenols	8.563	107	962340	57.856	ng	99
22) Acetophenone	8.610	105	1339994	51.838	ng	100
24) Nitrobenzene	8.986	77	980711	53.265	ng	99
25) Isophorone	9.516	82	1766796	58.932	ng	100
26) 2-Nitrophenol	9.698	139	434234	55.411	ng	99
27) 2,4-Dimethylphenol	9.763	122	597465	59.896	ng	97
28) bis(2-Chloroethoxy)met...	9.992	93	1127448	53.394	ng	99
29) 2,4-Dichlorophenol	10.233	162	891632	54.856	ng	97
30) 1,2,4-Trichlorobenzene	10.445	180	1035473	50.918	ng	99
31) Naphthalene	10.633	128	2596639	50.371	ng	99
32) Benzoic acid	9.898	122	477817	56.324	ng	99
33) 4-Chloroaniline	10.739	127	291883	16.591	ng	98
34) Hexachlorobutadiene	10.922	225	642787	51.201	ng	98
35) Caprolactam	11.522	113	216736	57.433	ng	98
36) 4-Chloro-3-methylphenol	11.874	107	785170	56.289	ng	99
37) 2-Methylnaphthalene	12.245	142	1683449	46.702	ng	99
38) 1-Methylnaphthalene	12.469	142	1777920	51.122	ng	99
40) 1,2,4,5-Tetrachloroben...	12.616	216	1200153	52.305	ng	98
41) Hexachlorocyclopentadiene	12.604	237	1361685	160.189	ng	98
43) 2,4,6-Trichlorophenol	12.857	196	712499	55.443	ng	99

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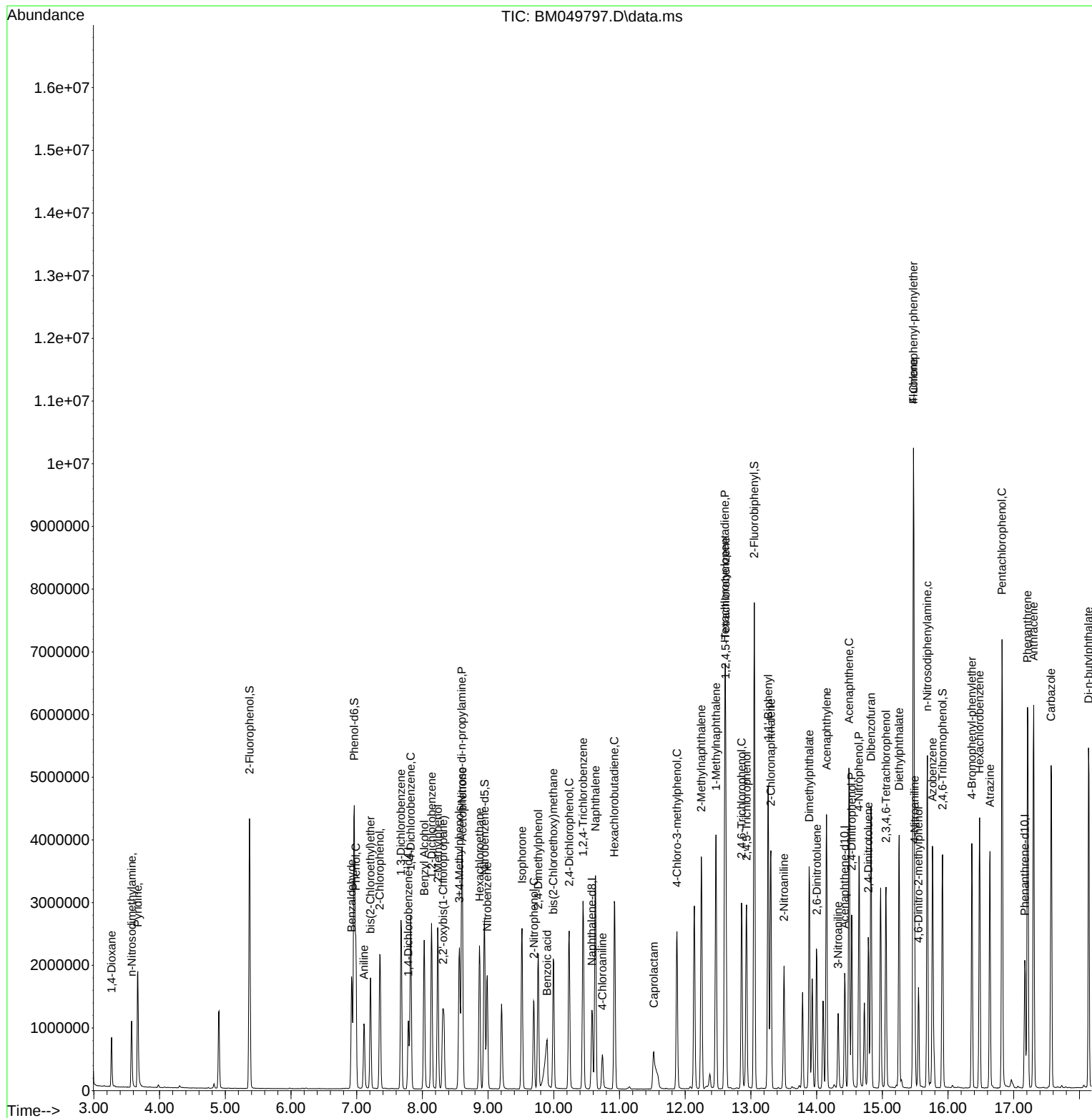
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	777486	55.441	ng	99
46) 1,1'-Biphenyl	13.263	154	2466811	51.238	ng	100
47) 2-Chloronaphthalene	13.304	162	1928046	51.451	ng	98
48) 2-Nitroaniline	13.504	65	484817	57.632	ng	98
49) Acenaphthylene	14.151	152	2941155	56.151	ng	99
50) Dimethylphthalate	13.886	163	2249656	52.308	ng	100
51) 2,6-Dinitrotoluene	14.004	165	469339	54.463	ng	95
52) Acenaphthene	14.492	154	1746477	50.832	ng	98
53) 3-Nitroaniline	14.327	138	275566	33.604	ng	96
54) 2,4-Dinitrophenol	14.533	184	550947	93.863	ng	99
55) Dibenzofuran	14.827	168	2792249	48.772	ng	100
56) 4-Nitrophenol	14.645	139	876762	122.828	ng	99
57) 2,4-Dinitrotoluene	14.786	165	656900	59.240	ng	95
58) Fluorene	15.474	166	2477421	53.149	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.057	232	642639	54.745	ng	99
60) Diethylphthalate	15.257	149	2155789	53.221	ng	99
61) 4-Chlorophenyl-phenyle...	15.474	204	1328231	52.183	ng	97
62) 4-Nitroaniline	15.492	138	458818	47.101	ng	99
63) Azobenzene	15.762	77	2186320	56.508	ng	99
65) 4,6-Dinitro-2-methylph...	15.551	198	341884	51.738	ng	93
66) n-Nitrosodiphenylamine	15.686	169	1925067	53.377	ng	99
67) 4-Bromophenyl-phenylether	16.362	248	726068	52.830	ng	99
68) Hexachlorobenzene	16.480	284	820993	53.122	ng	99
69) Atrazine	16.639	200	681338	85.721	ng	98
70) Pentachlorophenol	16.821	266	1164076	119.856	ng	99
71) Phenanthrene	17.209	178	3600322	54.469	ng	100
72) Anthracene	17.304	178	3548922	55.441	ng	100
73) Carbazole	17.568	167	3225290	55.635	ng	100
74) Di-n-butylphthalate	18.139	149	3712455	58.427	ng	99
75) Fluoranthene	19.227	202	4319512	56.762	ng	100
77) Benzidine	19.409	184	506542	32.305	ng	99
78) Pyrene	19.586	202	4532729	49.710	ng	100
80) Butylbenzylphthalate	20.492	149	1630738	57.628	ng	99
81) Benzo(a)anthracene	21.386	228	4659926	53.455	ng	99
82) 3,3'-Dichlorobenzidine	21.309	252	919581	32.400	ng	98
83) Chrysene	21.450	228	4334970	52.459	ng	99
84) Bis(2-ethylhexyl)phtha...	21.315	149	2555614	57.949	ng	100
85) Di-n-octyl phthalate	22.456	149	4187106	61.085	ng	100
87) Indeno(1,2,3-cd)pyrene	27.791	276	5373215	59.221	ng	100
88) Benzo(b)fluoranthene	23.462	252	4457784	52.503	ng	99
89) Benzo(k)fluoranthene	23.521	252	4453739	53.309	ng	99
90) Benzo(a)pyrene	24.262	252	4149647	58.186	ng	99
91) Dibenzo(a,h)anthracene	27.844	278	4395031	58.140	ng	100
92) Benzo(g,h,i)perylene	28.844	276	4233742	55.602	ng	99

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

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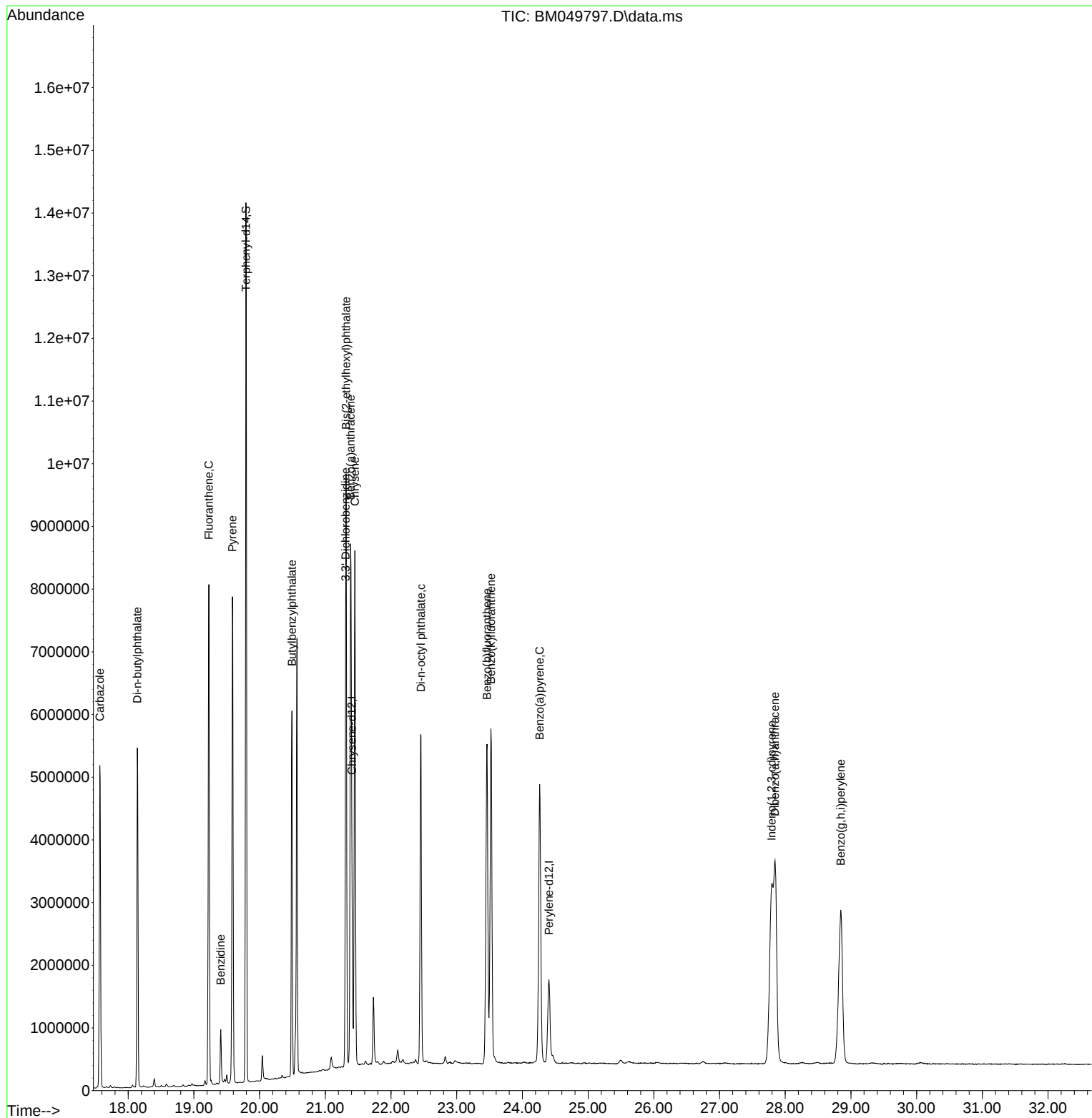
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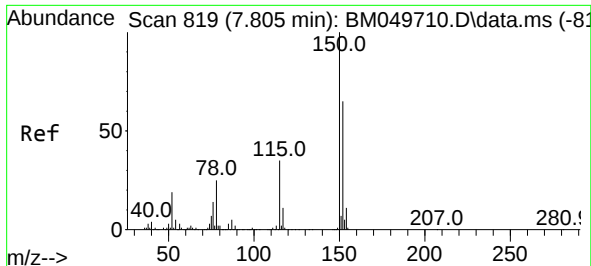


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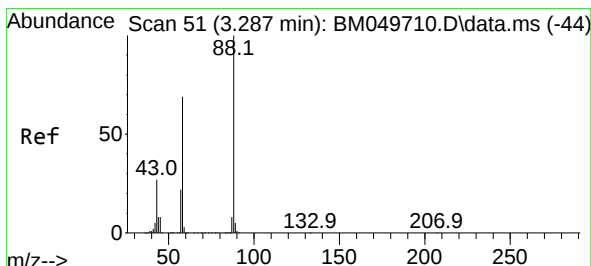
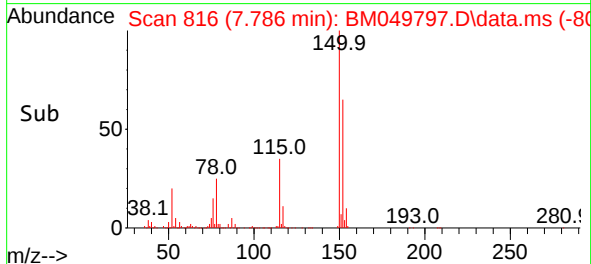
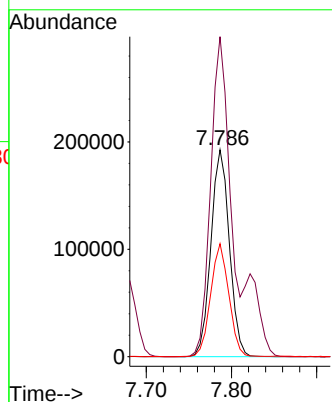
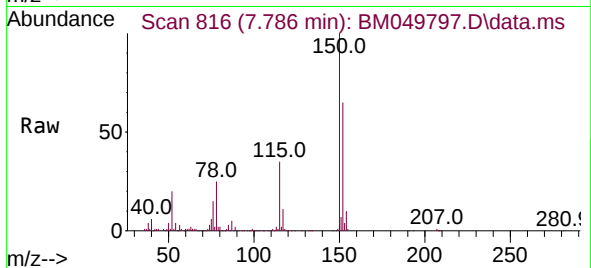




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.786 min Scan# 81
 Delta R.T. -0.019 min
 Lab File: BM049797.D
 Acq: 02 Apr 2025 19:18

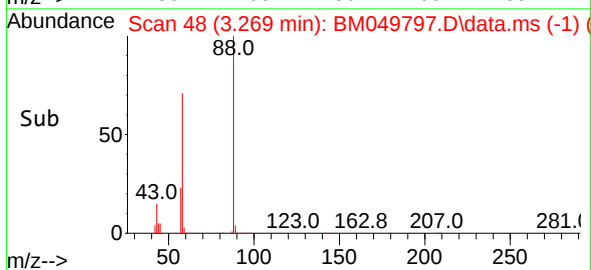
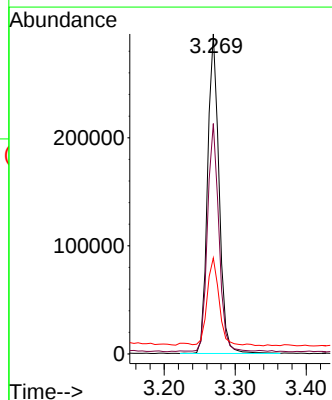
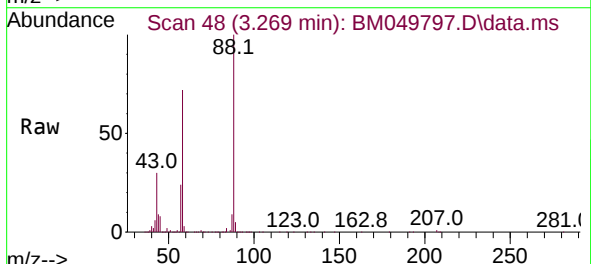
Instrument :
 BNA_M
 ClientSampleId :
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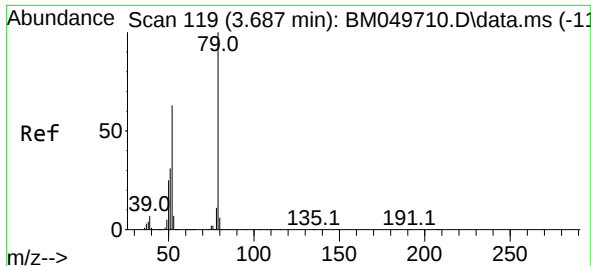
Tgt Ion:152 Resp: 289891
 Ion Ratio Lower Upper
 152 100
 150 154.7 123.8 185.8
 115 54.6 43.0 64.6



#2
 1,4-Dioxane
 Concen: 44.636 ng
 RT: 3.269 min Scan# 48
 Delta R.T. -0.018 min
 Lab File: BM049797.D
 Acq: 02 Apr 2025 19:18

Tgt Ion: 88 Resp: 331972
 Ion Ratio Lower Upper
 88 100
 58 71.4 56.7 85.1
 43 27.6 22.6 34.0





#3

Pyridine

Concen: 47.952 ng

RT: 3.669 min Scan# 11

Delta R.T. -0.018 min

Lab File: BM049797.D

Acq: 02 Apr 2025 19:18

Instrument :

BNA_M

ClientSampleId :

P001-BBDGA-001-01MS

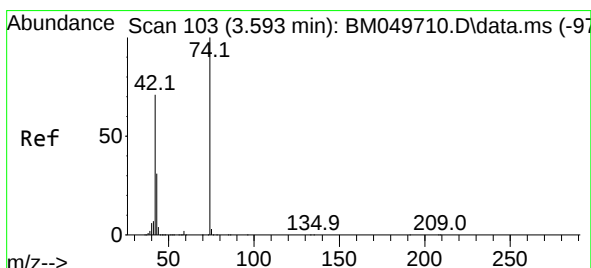
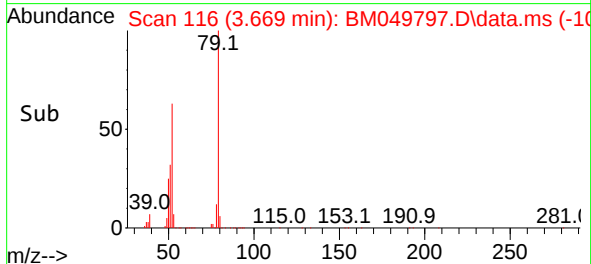
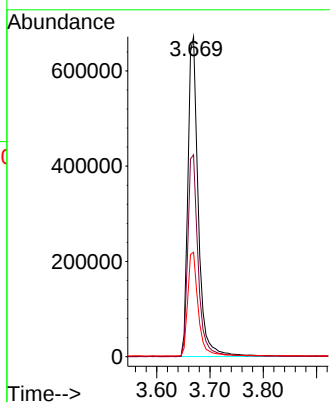
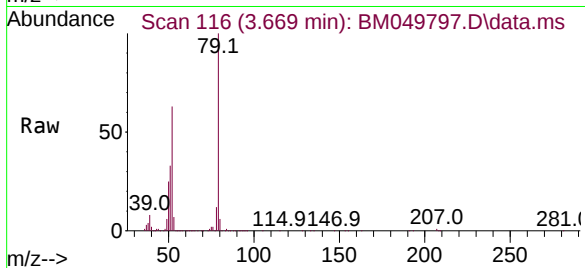
Tgt Ion: 79 Resp: 910806

Ion Ratio Lower Upper

79 100

52 63.1 50.1 75.1

51 32.7 25.2 37.8



#4

n-Nitrosodimethylamine

Concen: 50.510 ng

RT: 3.575 min Scan# 100

Delta R.T. -0.018 min

Lab File: BM049797.D

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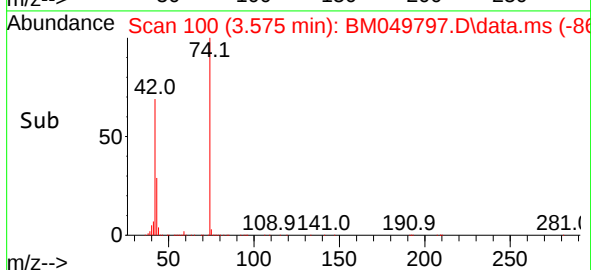
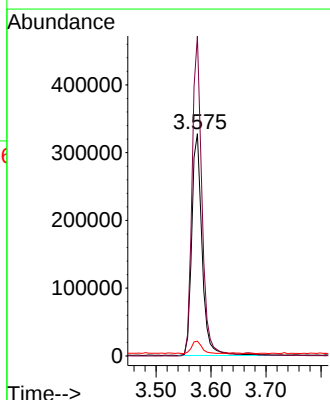
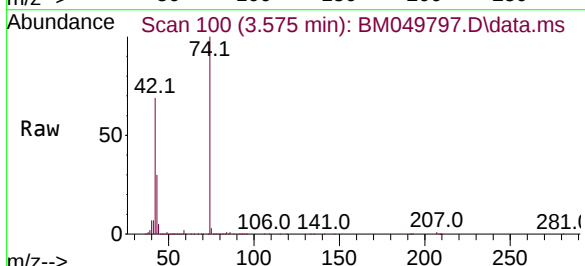
Tgt Ion: 42 Resp: 424496

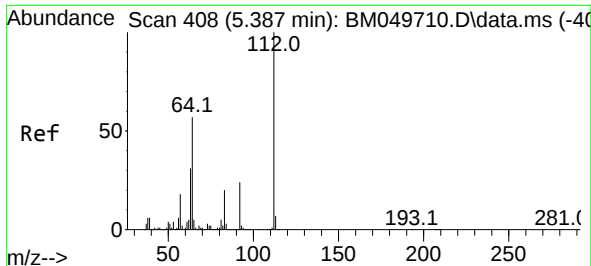
Ion Ratio Lower Upper

42 100

74 144.0 112.6 168.8

44 6.6 5.0 7.6

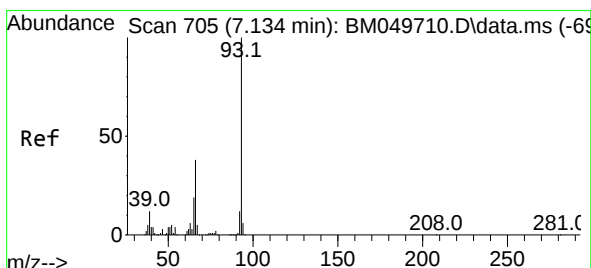
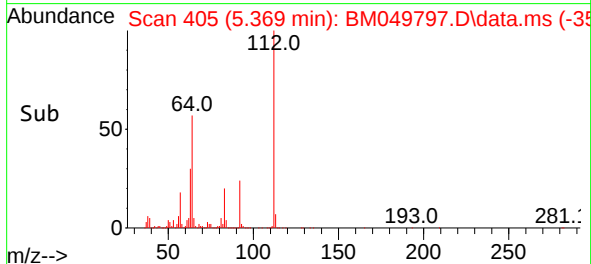
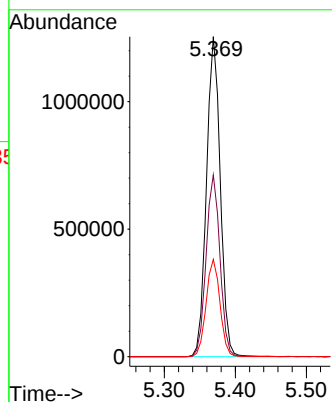
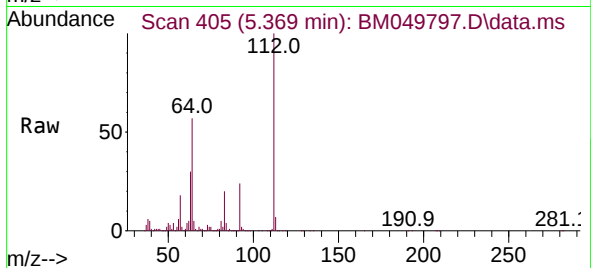




#5
2-Fluorophenol
Concen: 98.729 ng
RT: 5.369 min Scan# 408
Delta R.T. -0.018 min
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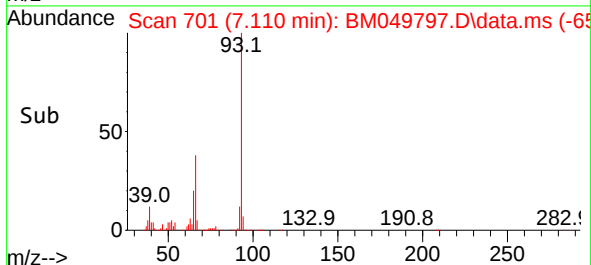
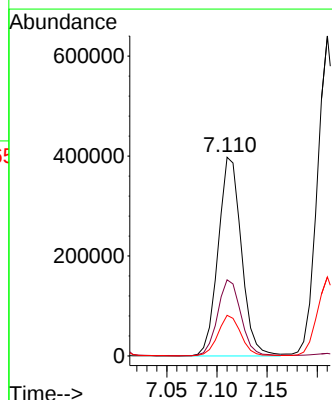
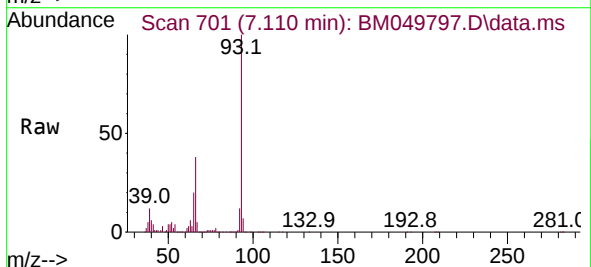
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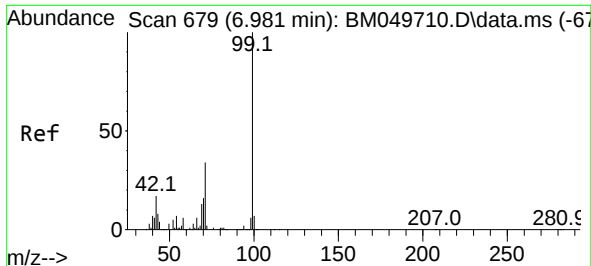
Tgt Ion:112 Resp: 1696210
Ion Ratio Lower Upper
112 100
64 56.8 45.3 67.9
63 30.4 24.4 36.6



#6
Aniline
Concen: 35.495 ng
RT: 7.110 min Scan# 701
Delta R.T. -0.024 min
Lab File: BM049797.D
Acq: 02 Apr 2025 19:18

Tgt Ion: 93 Resp: 641150
Ion Ratio Lower Upper
93 100
66 38.4 30.6 46.0
65 20.4 15.4 23.2



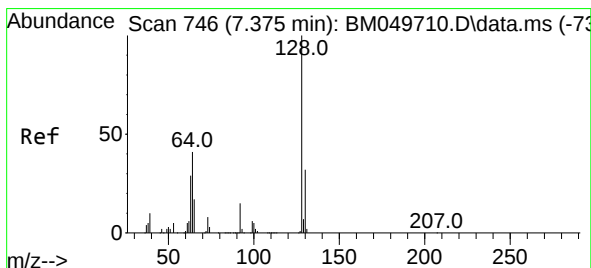
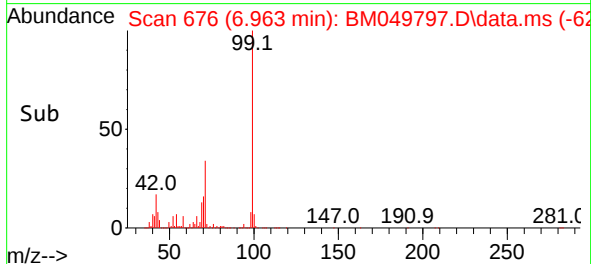
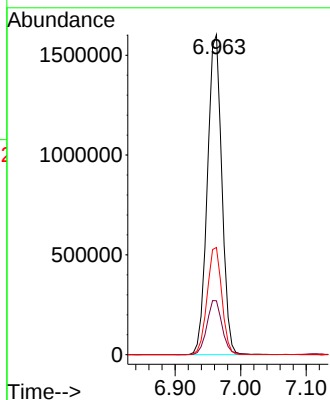
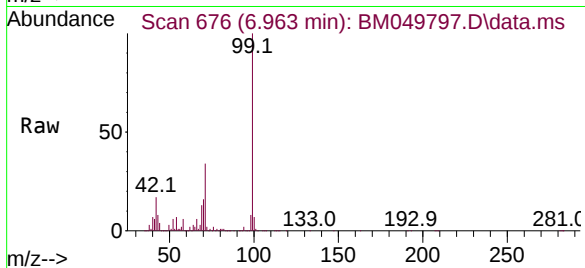


#7
Phenol-d6
Concen: 113.949 ng
RT: 6.963 min Scan# 61
Delta R.T. -0.018 min
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Instrument :
BNA_M
ClientSampleId :
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Tgt Ion: 99 Resp: 2456804

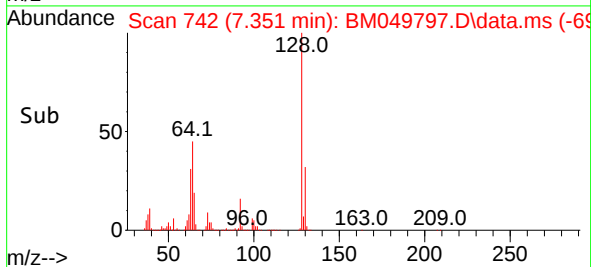
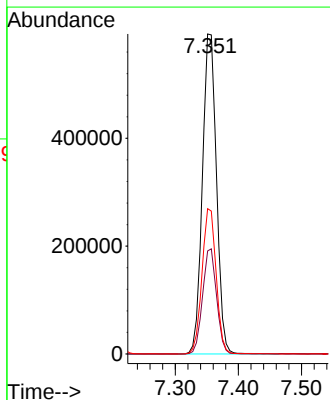
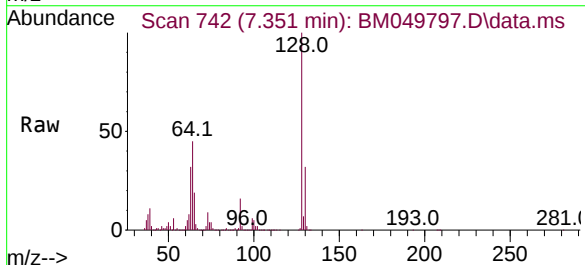
Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.6	20.4
71	33.5	27.0	40.6

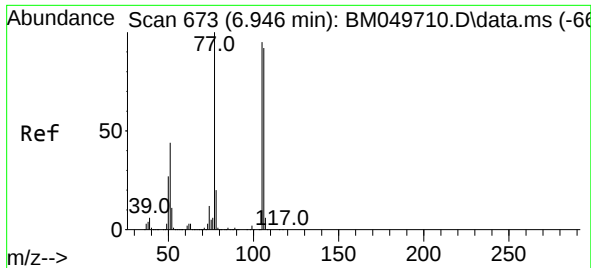


#8
2-Chlorophenol
Concen: 53.988 ng
RT: 7.351 min Scan# 742
Delta R.T. -0.024 min
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Tgt Ion: 128 Resp: 918525

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.5	52.5
64	45.4	24.9	64.9

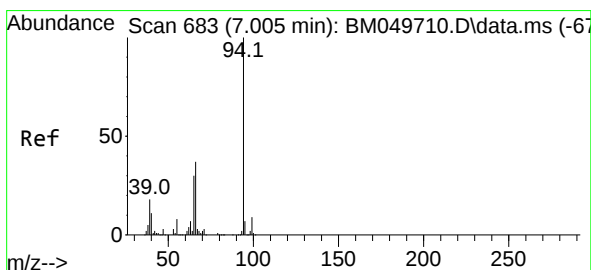
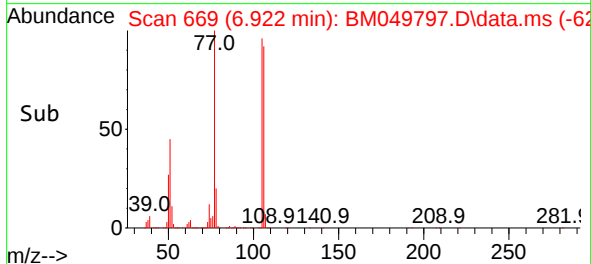
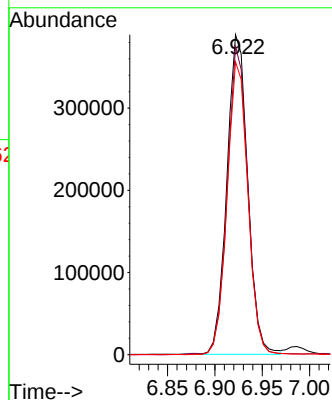
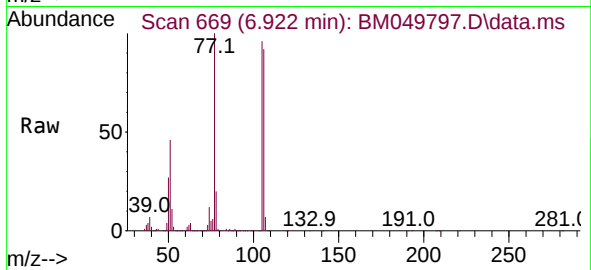




#9
Benzaldehyde
Concen: 55.973 ng
RT: 6.922 min Scan# 609
Delta R.T. -0.024 min
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Acq: 02 Apr 2025 19:18

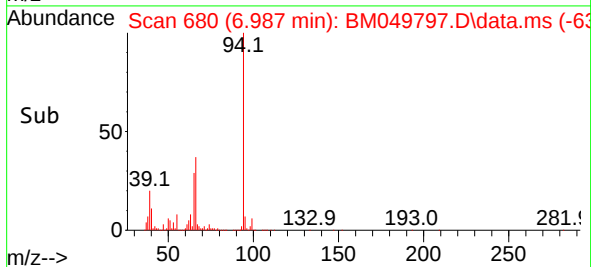
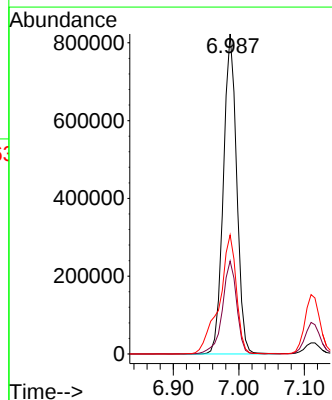
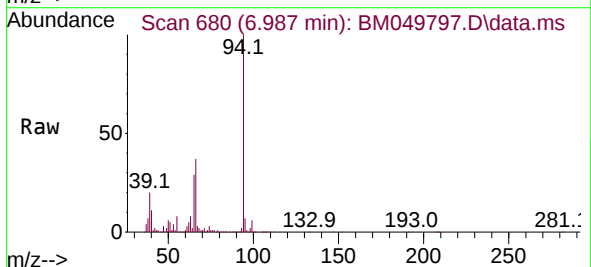
Instrument :
BNA_M
ClientSampleId :
P001-BBDGA-001-01MS

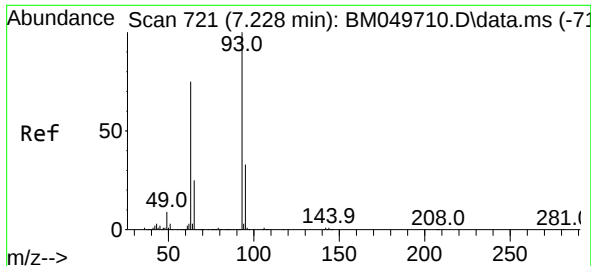
Tgt Ion: 77 Resp: 596604
Ion Ratio Lower Upper
77 100
105 96.2 75.0 115.0
106 91.5 72.3 112.3



#10
Phenol
Concen: 55.175 ng
RT: 6.987 min Scan# 680
Delta R.T. -0.018 min
Lab File: BM049797.D
Acq: 02 Apr 2025 19:18

Tgt Ion: 94 Resp: 1153490
Ion Ratio Lower Upper
94 100
65 29.0 10.4 50.4
66 37.2 17.1 57.1

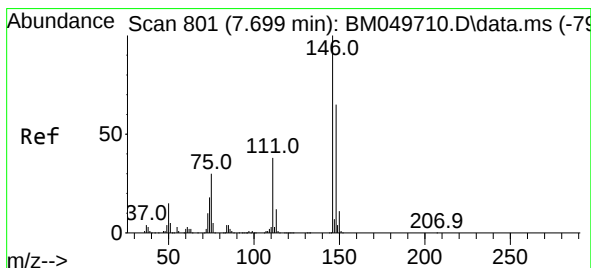
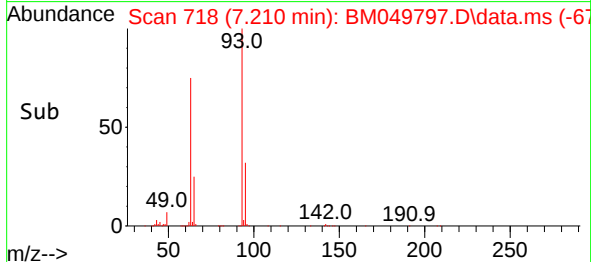
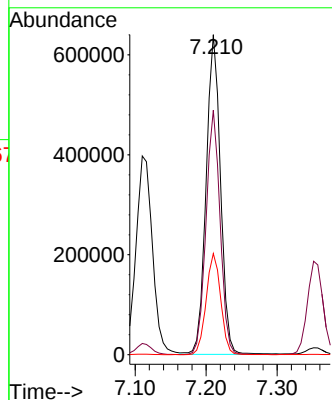
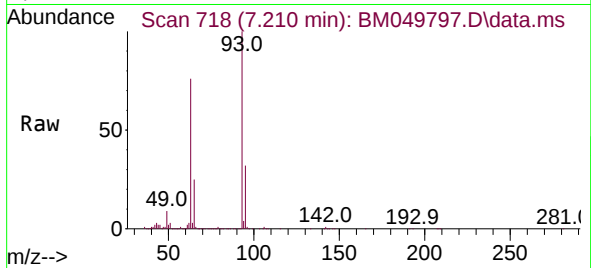




#11
bis(2-Chloroethyl)ether
Concen: 53.214 ng
RT: 7.210 min Scan# 718
Delta R.T. -0.018 min
Lab File: BM049797.D
Acq: 02 Apr 2025 19:18

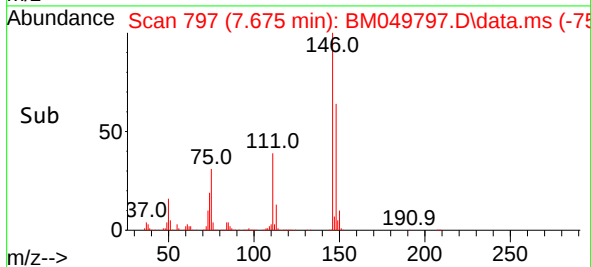
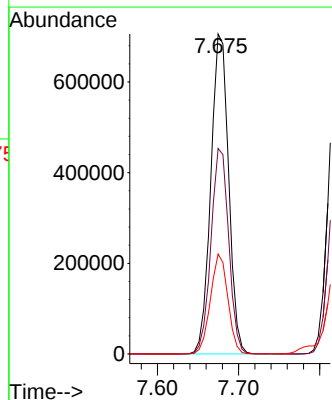
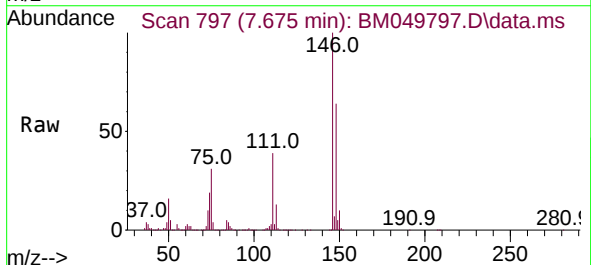
Instrument :
BNA_M
ClientSampleId :
P001-BBDGA-001-01MS

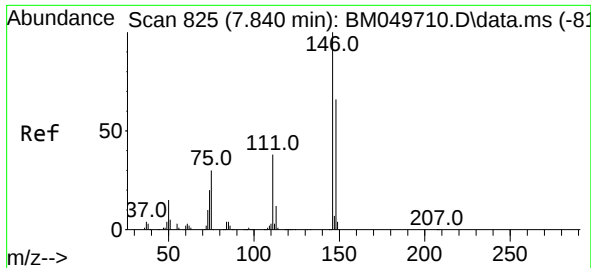
Tgt Ion: 93 Resp: 900879
Ion Ratio Lower Upper
93 100
63 76.4 54.8 94.8
95 31.6 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 51.850 ng
RT: 7.675 min Scan# 797
Delta R.T. -0.024 min
Lab File: BM049797.D
Acq: 02 Apr 2025 19:18

Tgt Ion: 146 Resp: 1072052
Ion Ratio Lower Upper
146 100
148 64.2 52.3 78.5
75 31.2 24.2 36.2

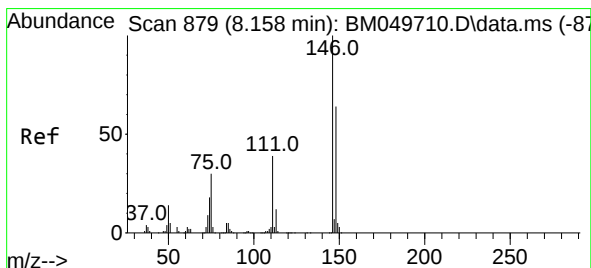
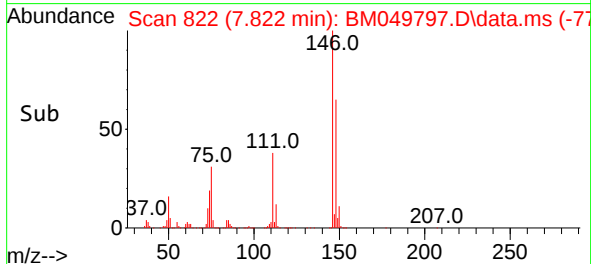
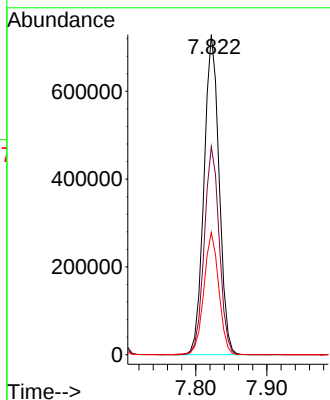
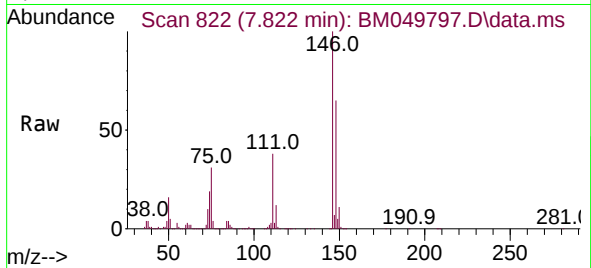




#13
 1,4-Dichlorobenzene
 Concen: 51.771 ng
 RT: 7.822 min Scan# 81
 Delta R.T. -0.018 min
 Lab File: BM049797.D
 Acq: 02 Apr 2025 19:18

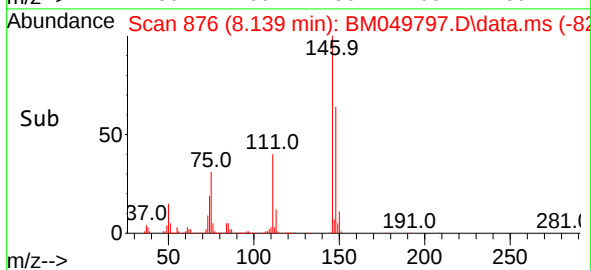
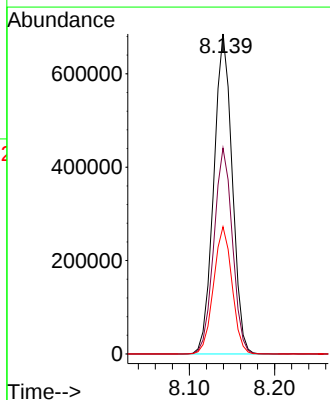
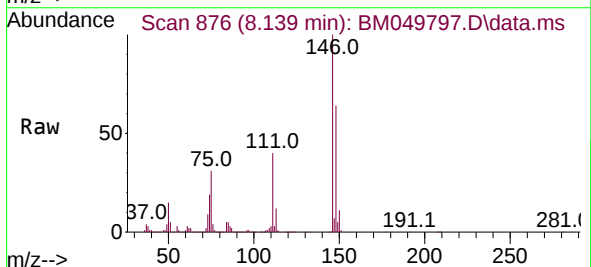
Instrument :
 BNA_M
 ClientSampleId :
 P001-BBDGA-001-01MS

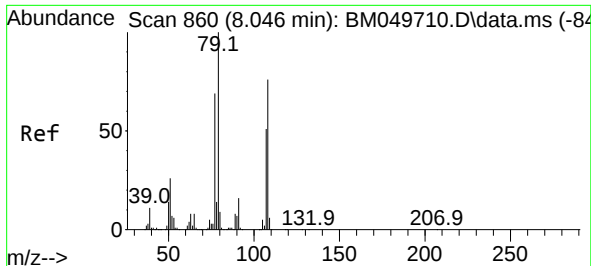
Tgt Ion:146 Resp: 1079874
 Ion Ratio Lower Upper
 146 100
 148 65.1 52.6 79.0
 111 38.2 30.8 46.2



#14
 1,2-Dichlorobenzene
 Concen: 51.983 ng
 RT: 8.139 min Scan# 876
 Delta R.T. -0.018 min
 Lab File: BM049797.D
 Acq: 02 Apr 2025 19:18

Tgt Ion:146 Resp: 1030492
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.9 76.3
 111 39.7 31.0 46.6

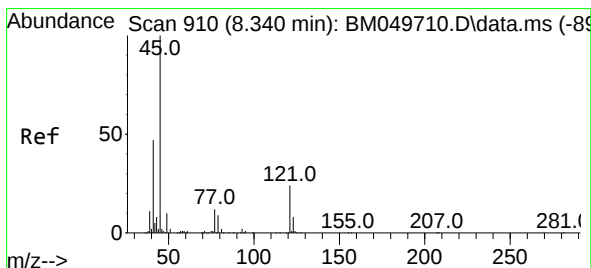
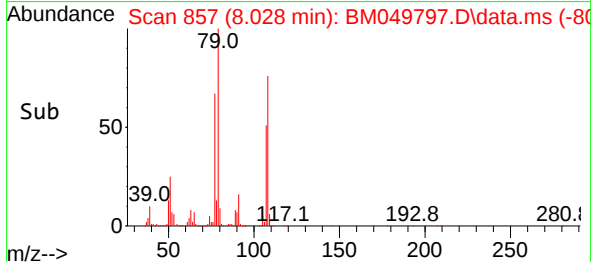
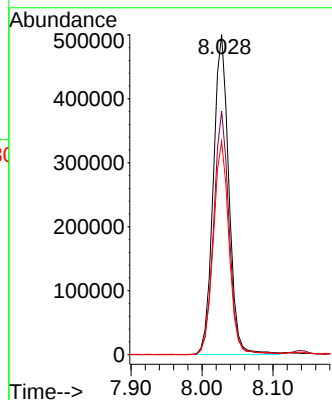
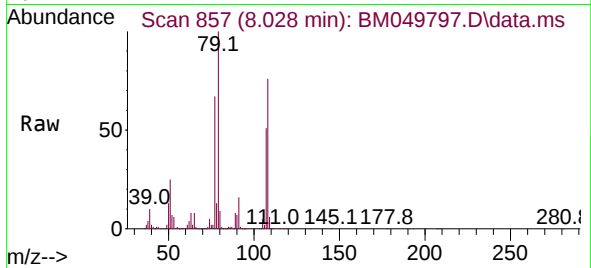




#15
Benzyl Alcohol
Concen: 56.162 ng
RT: 8.028 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM049797.D
Acq: 02 Apr 2025 19:18

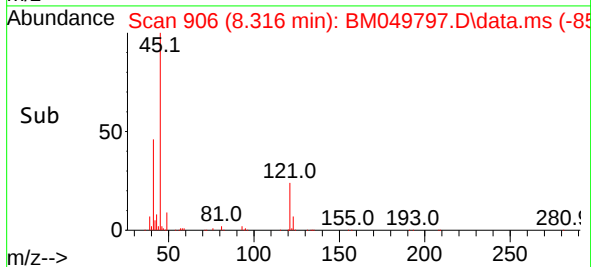
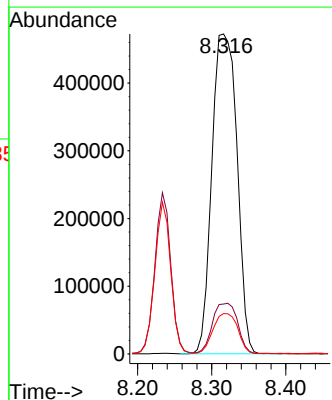
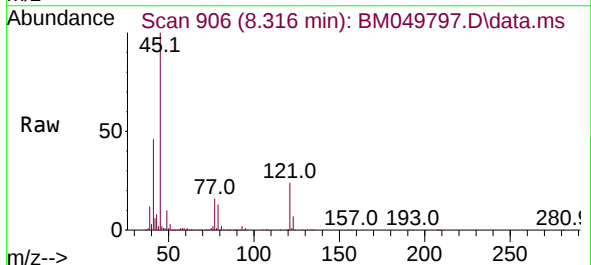
Instrument :
BNA_M
ClientSampleId :
P001-BBDGA-001-01MS

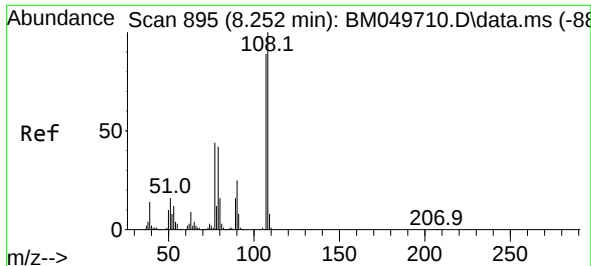
Tgt Ion: 79 Resp: 759886
Ion Ratio Lower Upper
79 100
108 76.1 60.7 91.1
77 66.6 55.4 83.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 55.863 ng
RT: 8.316 min Scan# 906
Delta R.T. -0.024 min
Lab File: BM049797.D
Acq: 02 Apr 2025 19:18

Tgt Ion: 45 Resp: 1111528
Ion Ratio Lower Upper
45 100
77 15.6 0.0 36.1
79 12.6 0.0 32.8

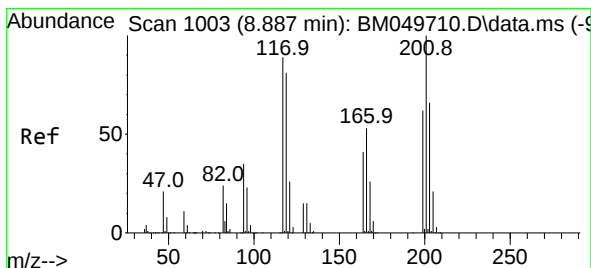
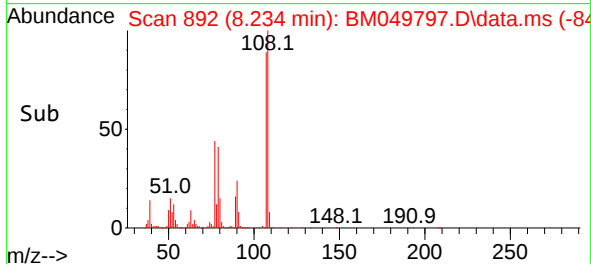
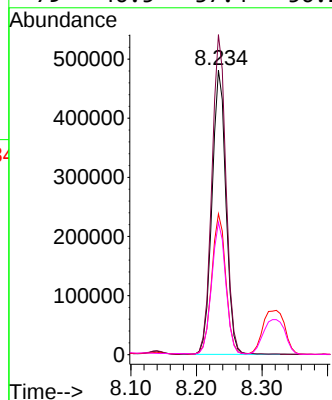
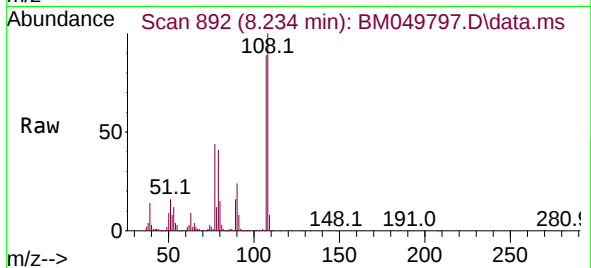




#17
2-Methylphenol
Concen: 57.178 ng
RT: 8.234 min Scan# 895
Delta R.T. -0.018 min
Lab File: BM049797.D
Acq: 02 Apr 2025 19:18

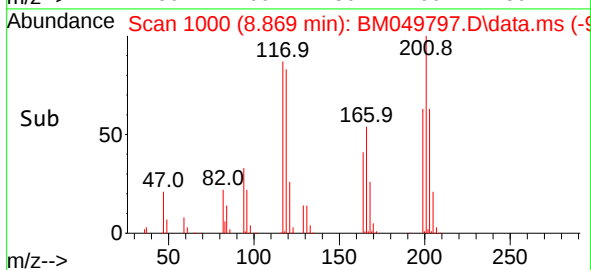
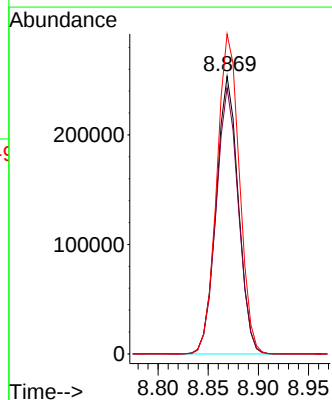
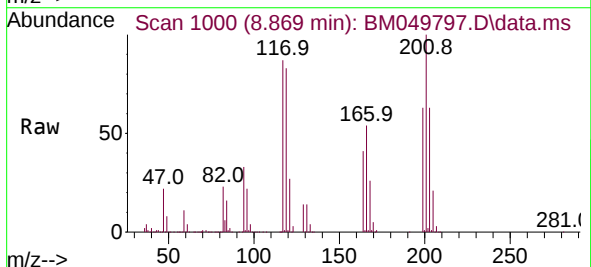
Instrument :
BNA_M
ClientSampleId :
P001-BBDGA-001-01MS

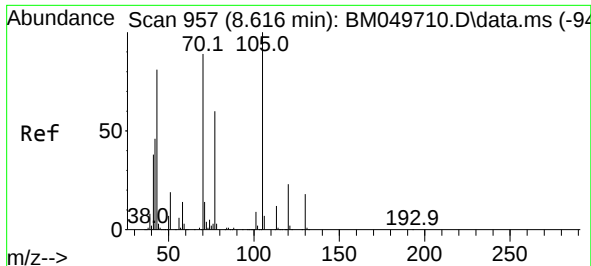
Tgt Ion:	107	Resp:	709687
Ion Ratio	Lower	Upper	
107	100		
108	112.5	89.6	134.4
77	49.5	39.8	59.6
79	46.5	37.4	56.2



#18
Hexachloroethane
Concen: 52.686 ng
RT: 8.869 min Scan# 1000
Delta R.T. -0.018 min
Lab File: BM049797.D
Acq: 02 Apr 2025 19:18

Tgt Ion:	117	Resp:	388088
Ion Ratio	Lower	Upper	
117	100		
119	95.9	73.1	109.7
201	115.2	90.0	135.0

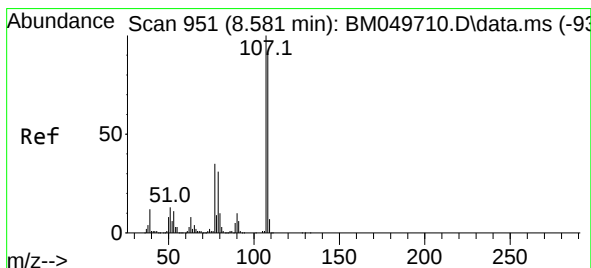
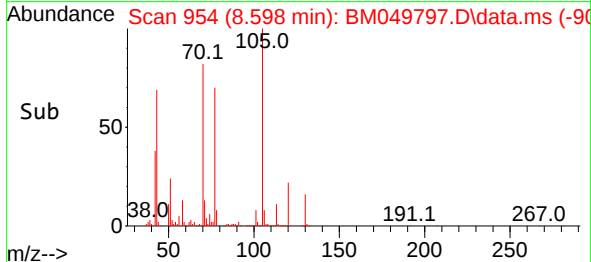
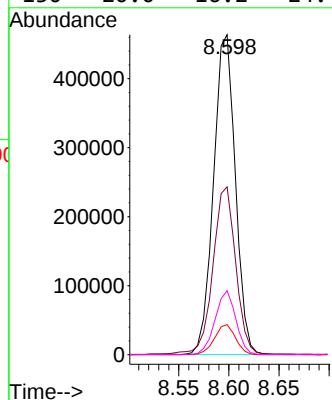
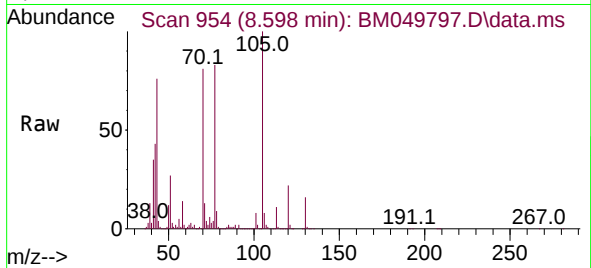




#19
n-Nitroso-di-n-propylamine
Concen: 56.029 ng
RT: 8.598 min Scan# 91
Delta R.T. -0.018 min
Lab File: BM049797.D
Acq: 02 Apr 2025 19:18

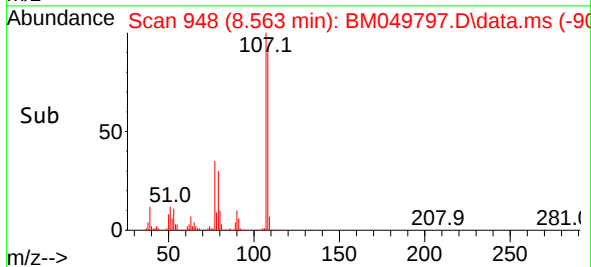
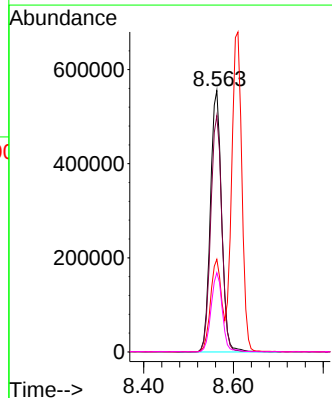
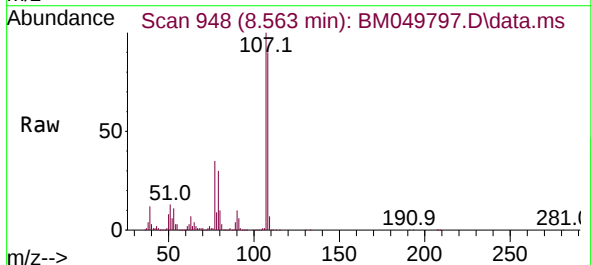
Instrument :
BNA_M
ClientSampleId :
P001-BBDGA-001-01MS

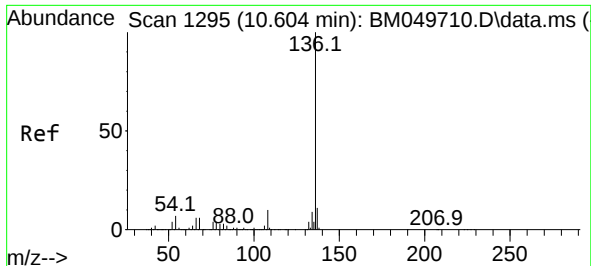
Tgt Ion: 70 Resp: 700479
Ion Ratio Lower Upper
70 100
42 52.4 41.8 62.6
101 9.4 7.7 11.5
130 20.0 16.2 24.4



#20
3+4-Methylphenols
Concen: 57.856 ng
RT: 8.563 min Scan# 948
Delta R.T. -0.018 min
Lab File: BM049797.D
Acq: 02 Apr 2025 19:18

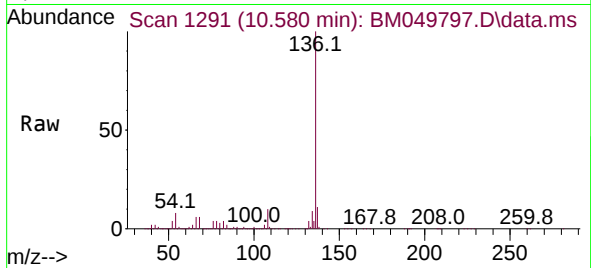
Tgt Ion:107 Resp: 962340
Ion Ratio Lower Upper
107 100
108 90.4 71.0 111.0
77 35.4 15.1 55.1
79 30.3 11.2 51.2





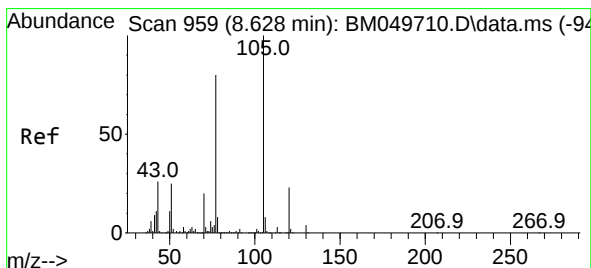
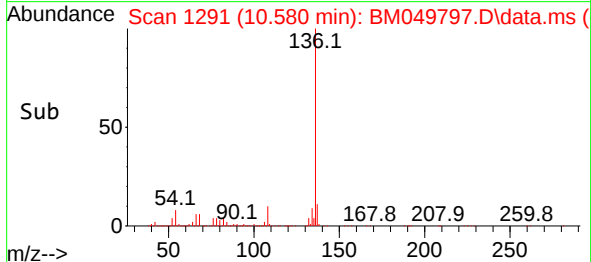
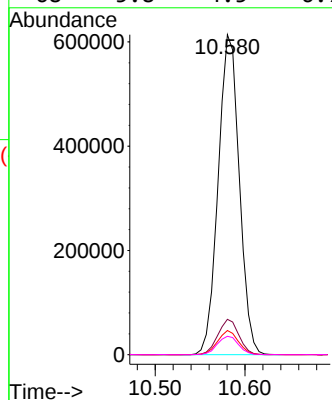
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.580 min Scan# 1291
Delta R.T. -0.024 min
Lab File: BM049797.D
Acq: 02 Apr 2025 19:18

Instrument :
BNA_M
ClientSampleId :
P001-BBDGA-001-01MS



Tgt Ion:136 Resp: 1002529

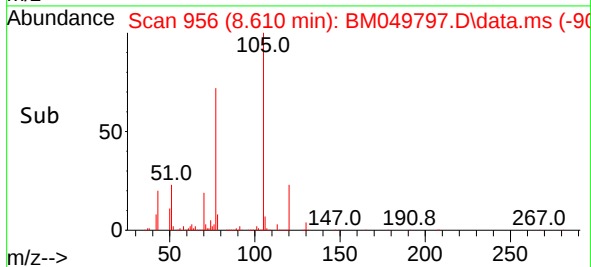
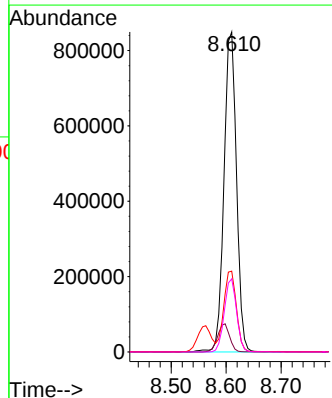
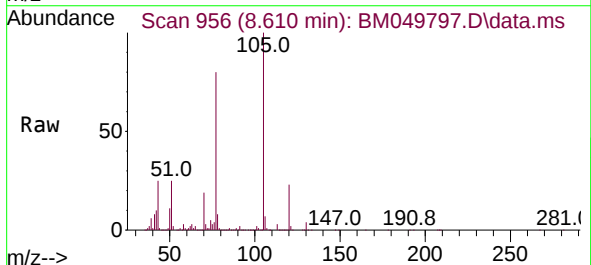
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	7.5	5.8	8.8
68	5.8	4.5	6.7

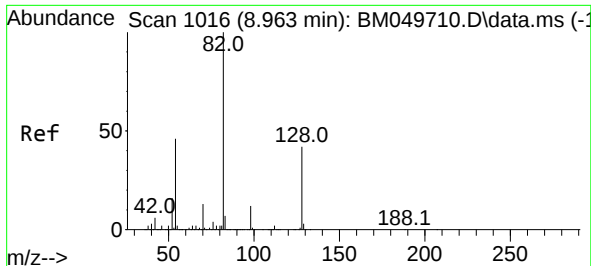


#22
Acetophenone
Concen: 51.838 ng
RT: 8.610 min Scan# 956
Delta R.T. -0.018 min
Lab File: BM049797.D
Acq: 02 Apr 2025 19:18

Tgt Ion:105 Resp: 1339994

Ion	Ratio	Lower	Upper
105	100		
71	2.9	2.5	3.7
51	25.2	19.9	29.9
120	22.9	18.3	27.5

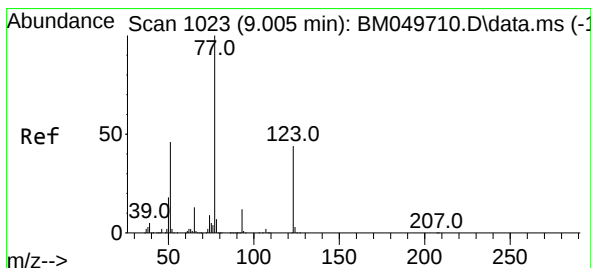
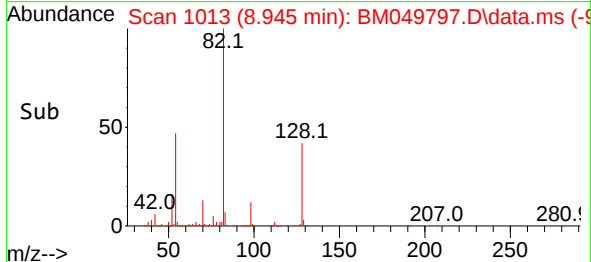
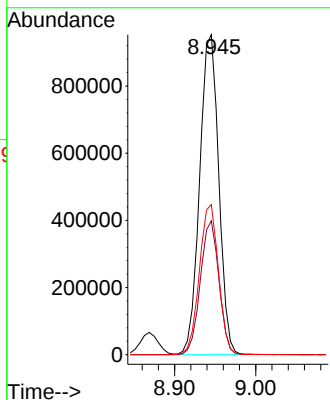
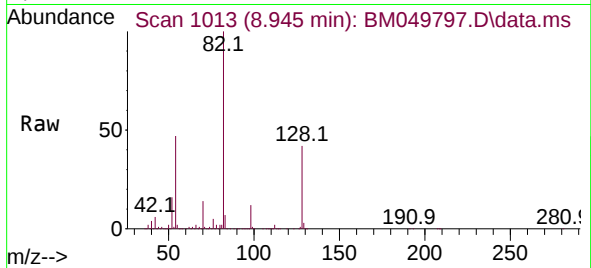




#23
Nitrobenzene-d5
Concen: 79.555 ng
RT: 8.945 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BM049797.D
Acq: 02 Apr 2025 19:18

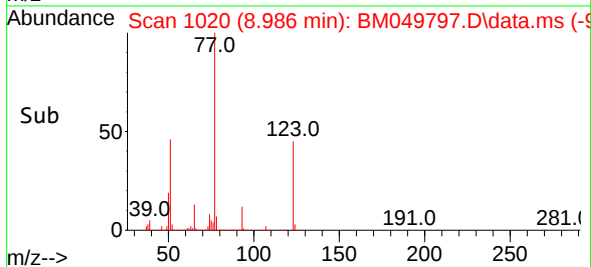
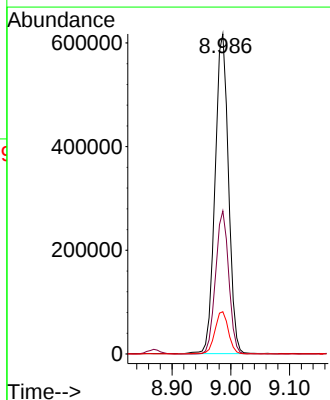
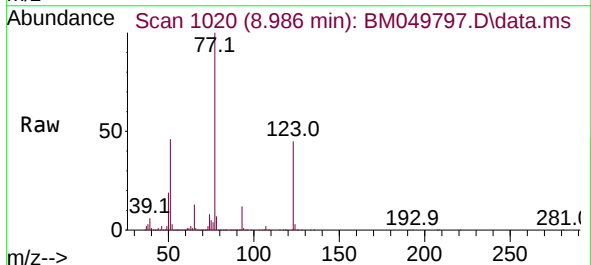
Instrument :
BNA_M
ClientSampleId :
P001-BBDGA-001-01MS

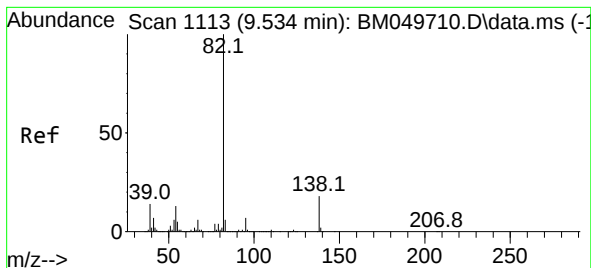
Tgt Ion: 82 Resp: 1553440
Ion Ratio Lower Upper
82 100
128 41.8 33.4 50.0
54 46.9 36.4 54.6



#24
Nitrobenzene
Concen: 53.265 ng
RT: 8.986 min Scan# 1020
Delta R.T. -0.018 min
Lab File: BM049797.D
Acq: 02 Apr 2025 19:18

Tgt Ion: 77 Resp: 980711
Ion Ratio Lower Upper
77 100
123 44.7 34.9 52.3
65 13.2 10.6 15.8





#25

Isophorone

Concen: 58.932 ng

RT: 9.516 min Scan# 1110

Delta R.T. -0.018 min

Lab File: BM049797.D

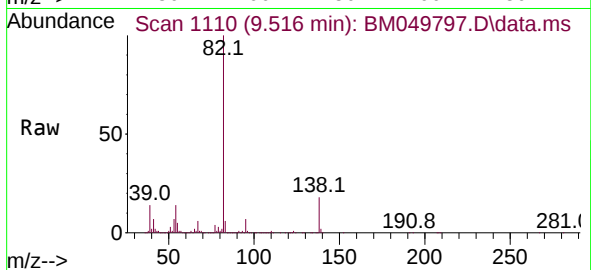
Acq: 02 Apr 2025 19:18

Instrument :

BNA_M

ClientSampleId :

P001-BBDGA-001-01MS



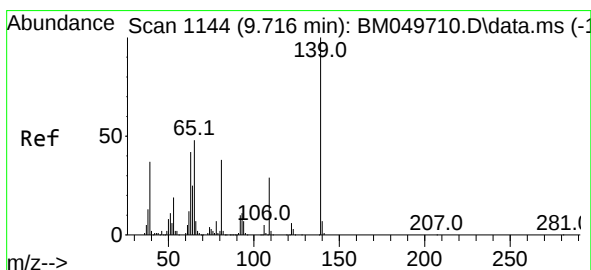
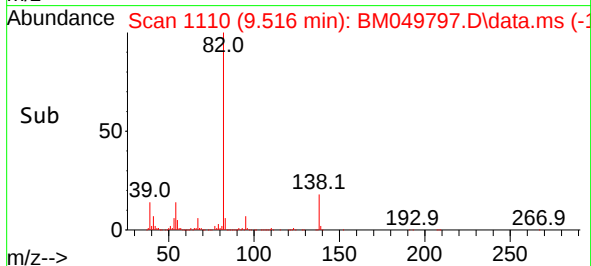
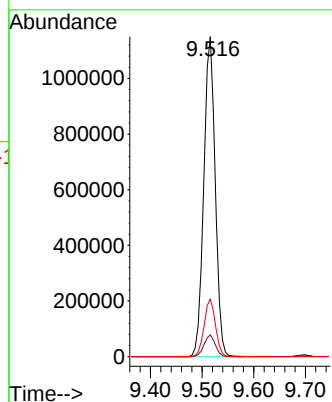
Tgt Ion: 82 Resp: 1766796

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 18.0 14.4 21.6



#26

2-Nitrophenol

Concen: 55.411 ng

RT: 9.698 min Scan# 1141

Delta R.T. -0.018 min

Lab File: BM049797.D

Acq: 02 Apr 2025 19:18

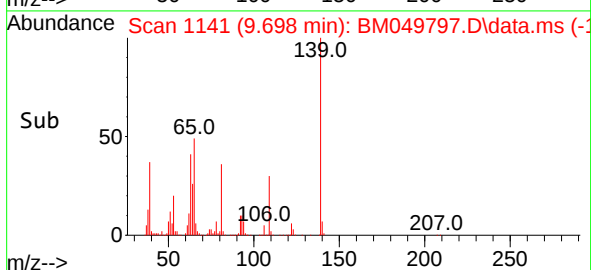
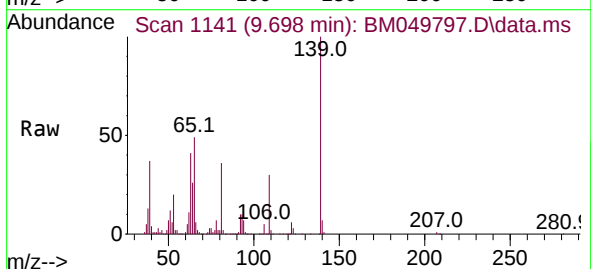
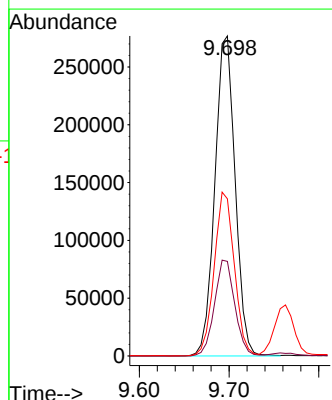
Tgt Ion:139 Resp: 434234

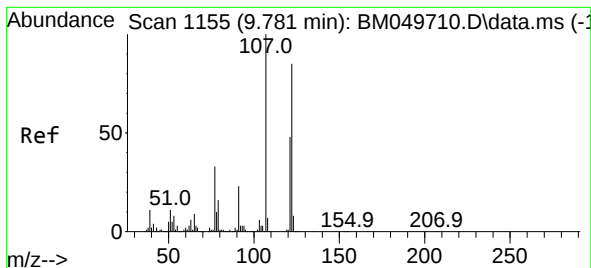
Ion Ratio Lower Upper

139 100

109 29.5 23.3 34.9

65 49.1 38.6 58.0

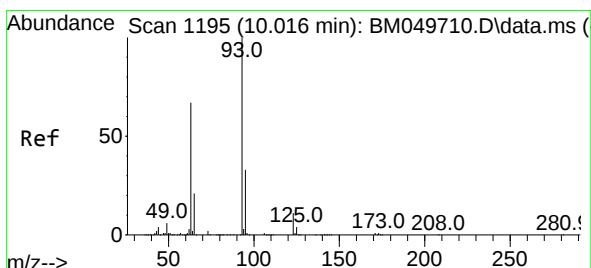
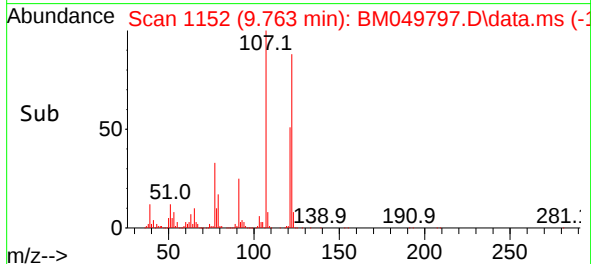
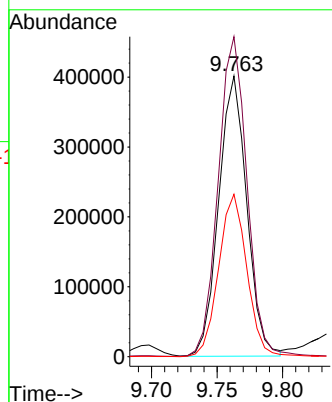
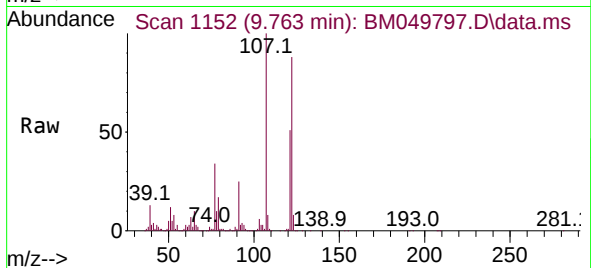




#27
2,4-Dimethylphenol
Concen: 59.896 ng
RT: 9.763 min Scan# 1152
Delta R.T. -0.018 min
Lab File: BM049797.D
Acq: 02 Apr 2025 19:18

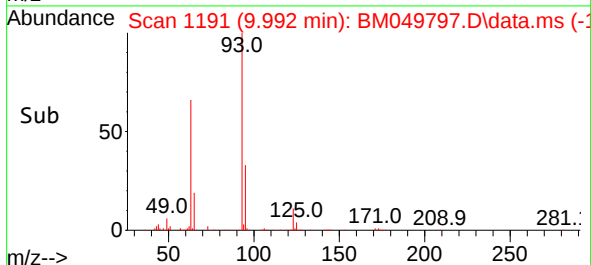
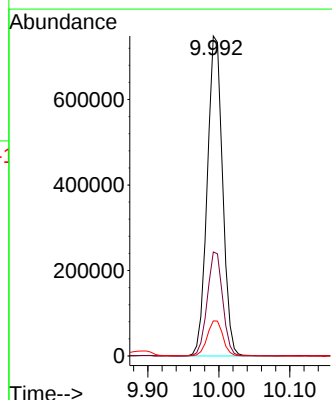
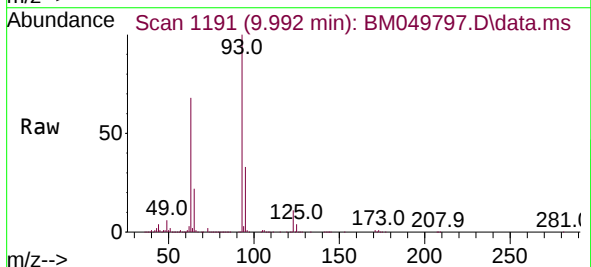
Instrument :
BNA_M
ClientSampleId :
P001-BBDGA-001-01MS

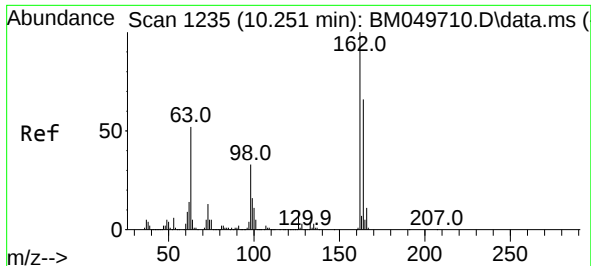
Tgt Ion:122 Resp: 597465
Ion Ratio Lower Upper
122 100
107 114.0 94.3 141.5
121 57.8 45.4 68.2



#28
bis(2-Chloroethoxy)methane
Concen: 53.394 ng
RT: 9.992 min Scan# 1191
Delta R.T. -0.024 min
Lab File: BM049797.D
Acq: 02 Apr 2025 19:18

Tgt Ion: 93 Resp: 1127448
Ion Ratio Lower Upper
93 100
95 32.5 26.6 40.0
123 11.0 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 54.856 ng

RT: 10.233 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM049797.D

Acq: 02 Apr 2025 19:18

Instrument :

BNA_M

ClientSampleId :

P001-BBDGA-001-01MS

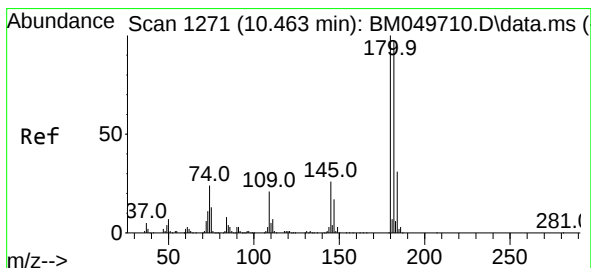
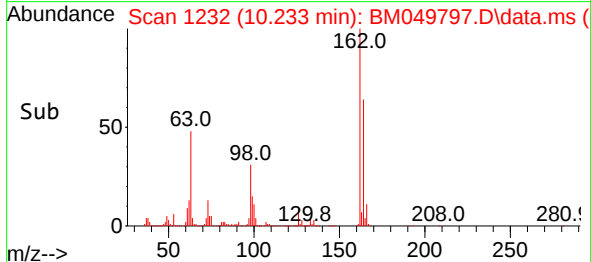
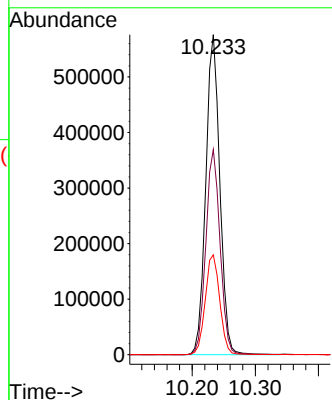
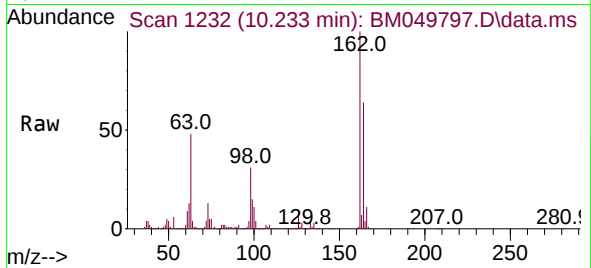
Tgt Ion:162 Resp: 891632

Ion Ratio Lower Upper

162 100

164 64.1 46.3 86.3

98 31.2 12.8 52.8



#30

1,2,4-Trichlorobenzene

Concen: 50.918 ng

RT: 10.445 min Scan# 1268

Delta R.T. -0.018 min

Lab File: BM049797.D

Acq: 02 Apr 2025 19:18

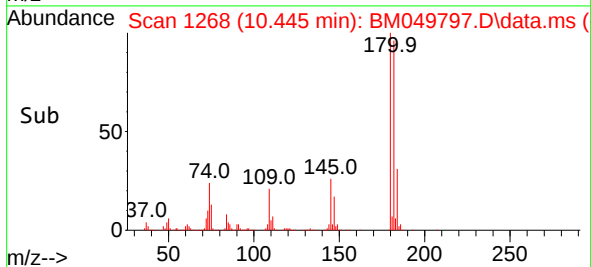
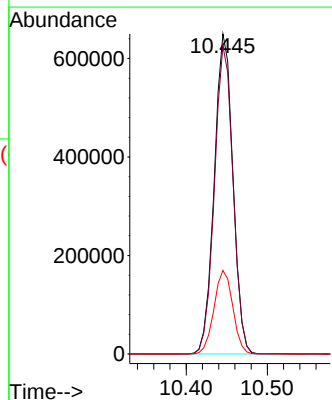
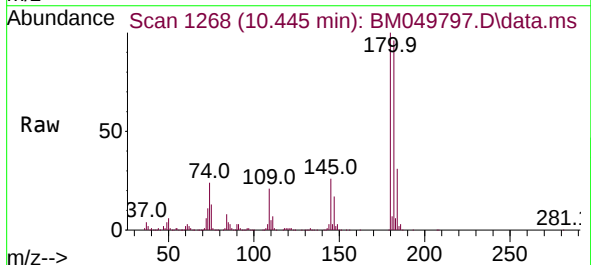
Tgt Ion:180 Resp: 1035473

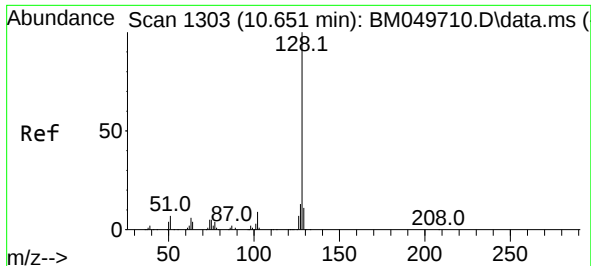
Ion Ratio Lower Upper

180 100

182 96.3 77.7 116.5

145 26.1 21.0 31.4

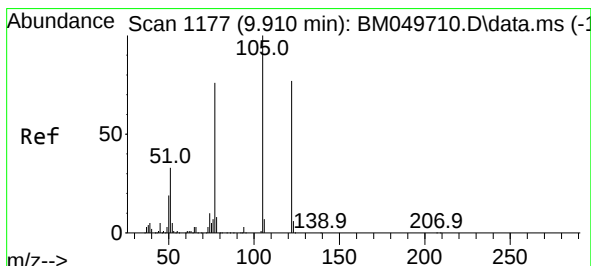
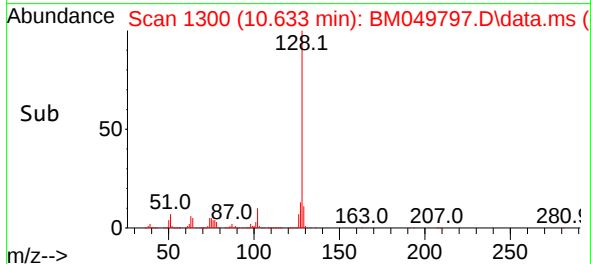
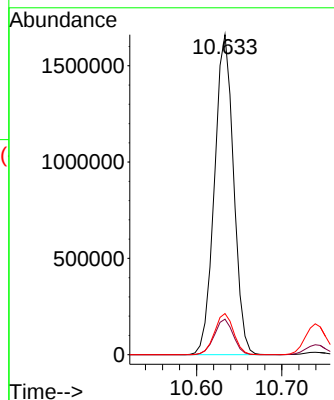
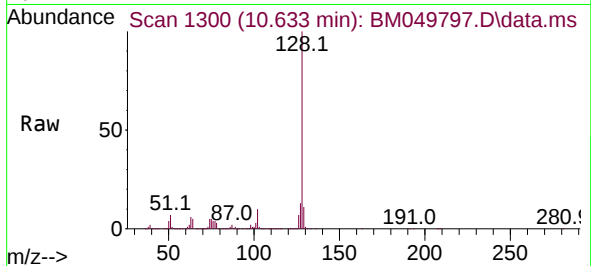




#31
Naphthalene
Concen: 50.371 ng
RT: 10.633 min Scan# 1175
Delta R.T. -0.018 min
Lab File: BM049797.D
Acq: 02 Apr 2025 19:18

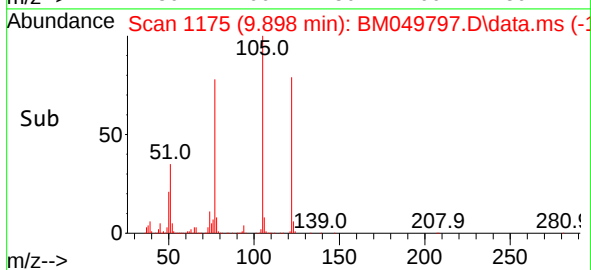
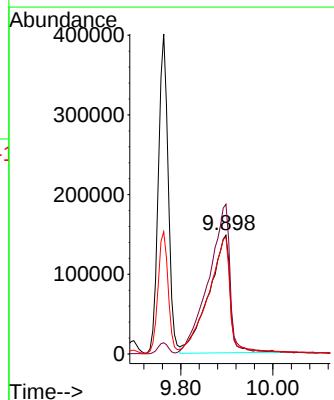
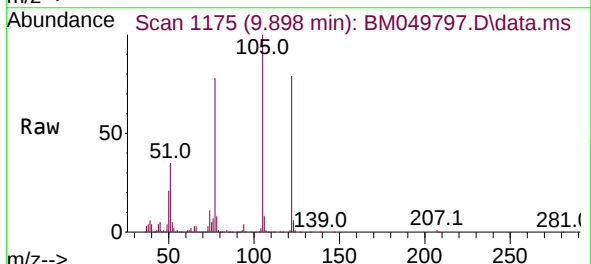
Instrument :
BNA_M
ClientSampleId :
P001-BBDGA-001-01MS

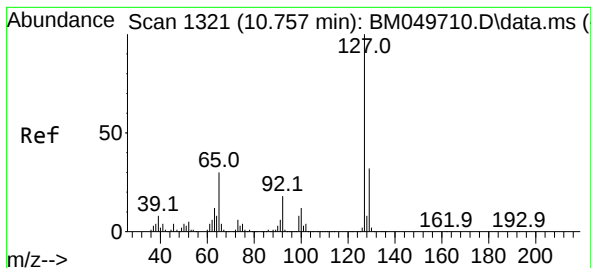
Tgt Ion:128 Resp: 2596639
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 12.9 10.4 15.6



#32
Benzoic acid
Concen: 56.324 ng
RT: 9.898 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BM049797.D
Acq: 02 Apr 2025 19:18

Tgt Ion:122 Resp: 477817
Ion Ratio Lower Upper
122 100
105 126.1 105.6 145.6
77 98.4 76.9 116.9





#33

4-Chloroaniline

Concen: 16.591 ng

RT: 10.739 min Scan# 11

Delta R.T. -0.018 min

Lab File: BM049797.D

Acq: 02 Apr 2025 19:18

Instrument :

BNA_M

ClientSampleId :

P001-BBDGA-001-01MS

Tgt Ion:127 Resp: 291883

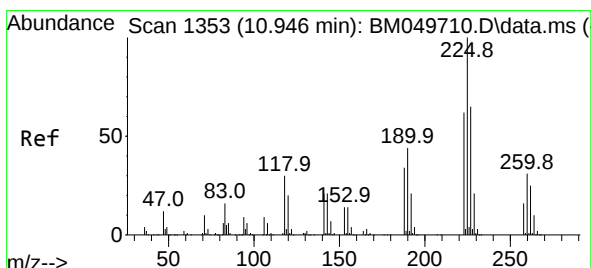
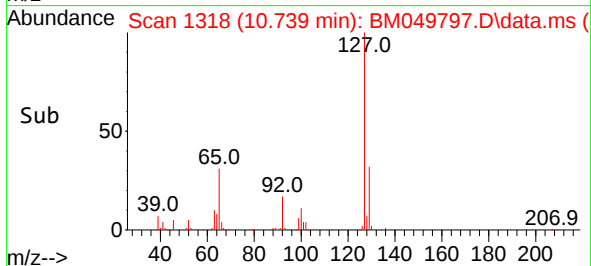
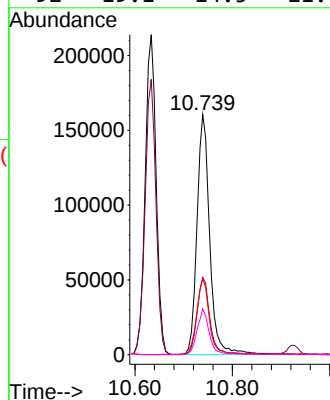
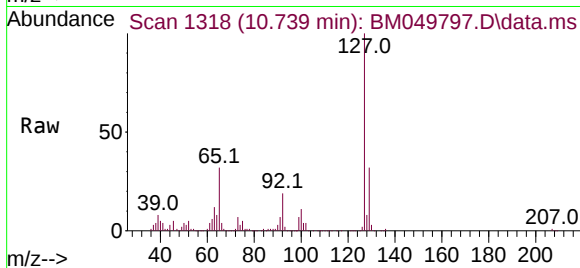
Ion Ratio Lower Upper

127 100

129 32.1 25.7 38.5

65 31.7 24.1 36.1

92 19.1 14.5 21.7



#34

Hexachlorobutadiene

Concen: 51.201 ng

RT: 10.922 min Scan# 1349

Delta R.T. -0.024 min

Lab File: BM049797.D

Acq: 02 Apr 2025 19:18

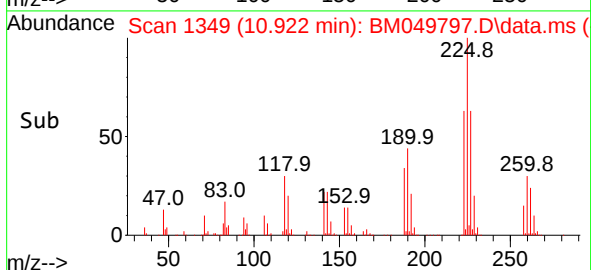
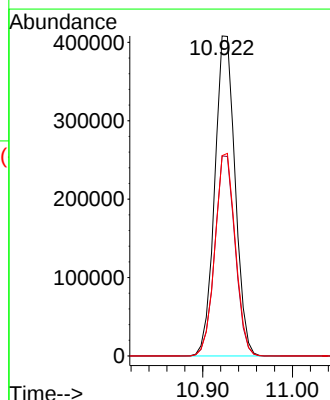
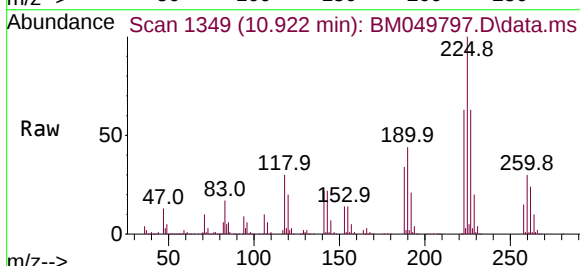
Tgt Ion:225 Resp: 642787

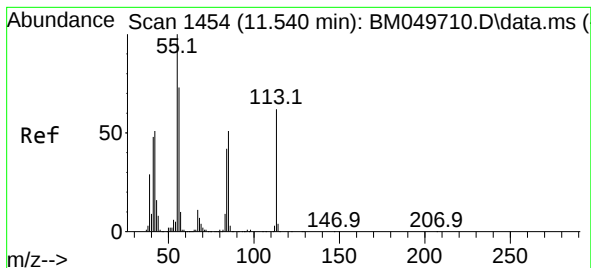
Ion Ratio Lower Upper

225 100

223 62.5 49.8 74.8

227 62.6 52.1 78.1





#35

Caprolactam

Concen: 57.433 ng

RT: 11.522 min Scan# 14

Delta R.T. -0.018 min

Lab File: BM049797.D

Acq: 02 Apr 2025 19:18

Instrument :

BNA_M

ClientSampleId :

P001-BBDGA-001-01MS

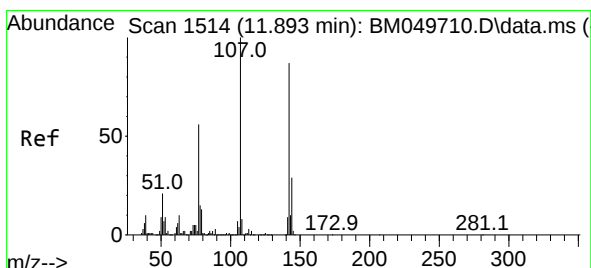
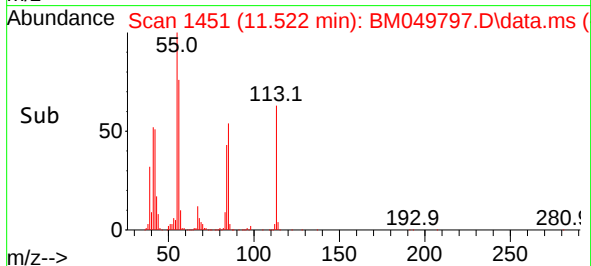
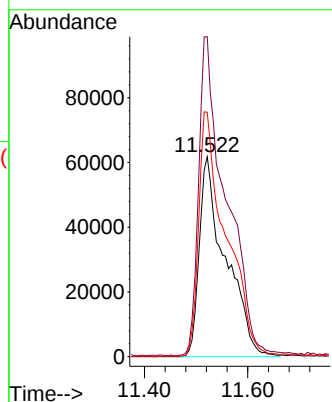
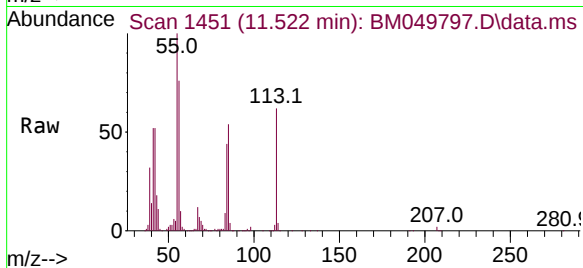
Tgt Ion:113 Resp: 216736

Ion Ratio Lower Upper

113 100

55 160.1 141.8 181.8

56 122.3 98.0 138.0



#36

4-Chloro-3-methylphenol

Concen: 56.289 ng

RT: 11.874 min Scan# 1511

Delta R.T. -0.018 min

Lab File: BM049797.D

Acq: 02 Apr 2025 19:18

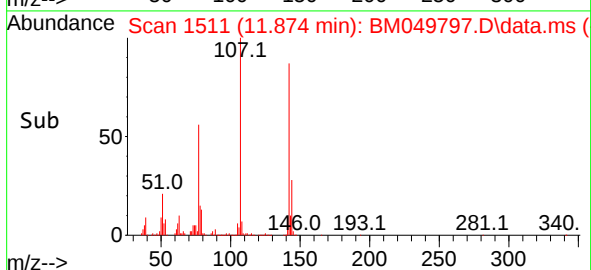
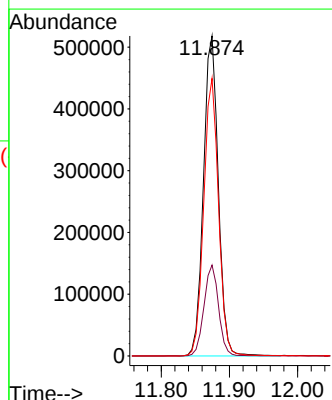
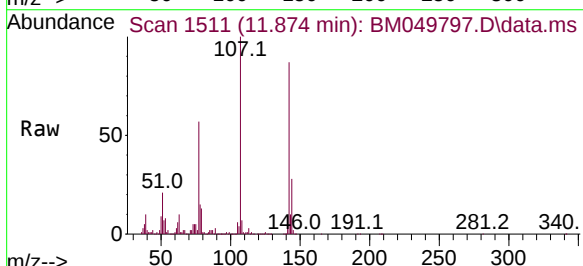
Tgt Ion:107 Resp: 785170

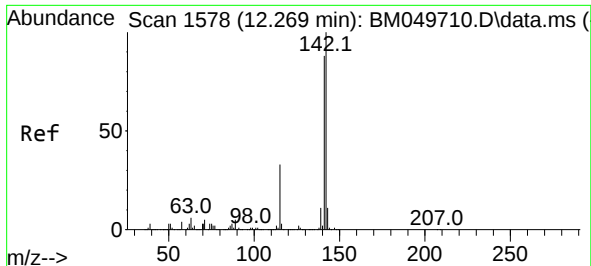
Ion Ratio Lower Upper

107 100

144 28.4 23.0 34.6

142 86.7 69.8 104.8

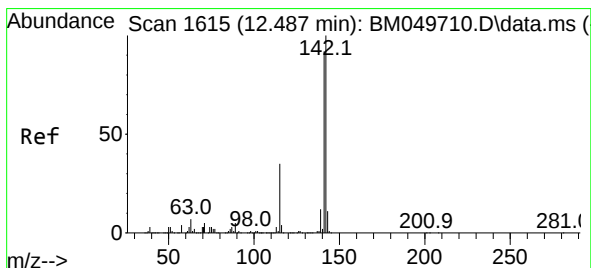
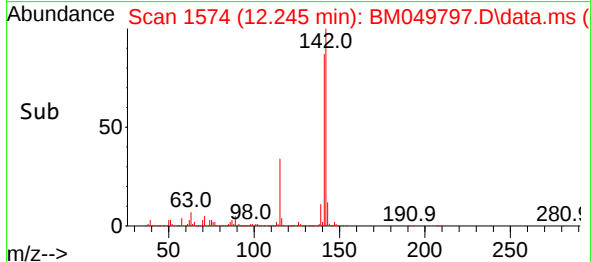
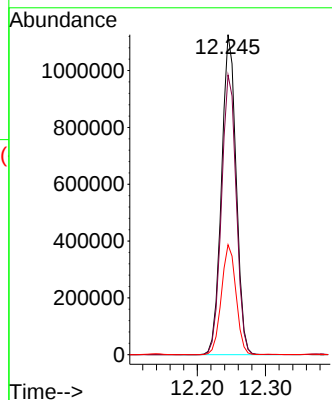
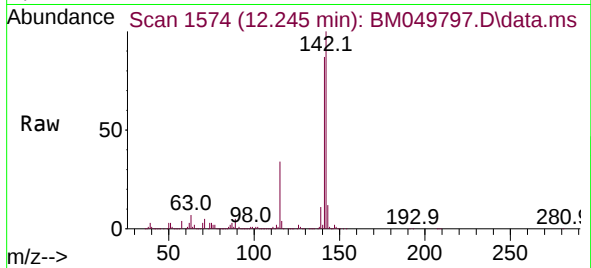




#37
2-Methylnaphthalene
Concen: 46.702 ng
RT: 12.245 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM049797.D
Acq: 02 Apr 2025 19:18

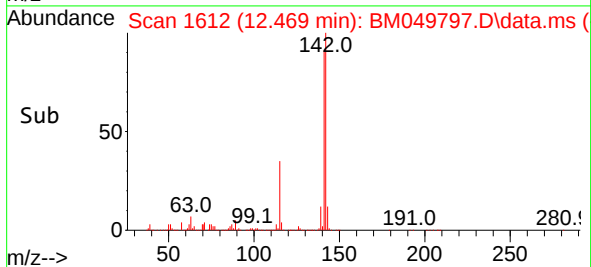
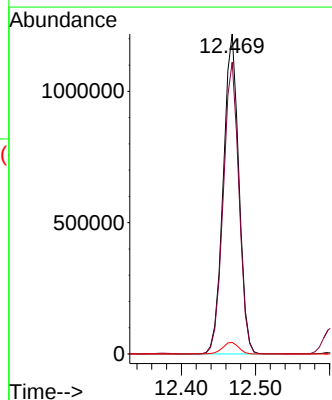
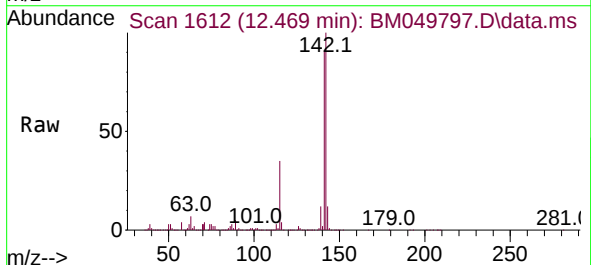
Instrument :
BNA_M
ClientSampleId :
P001-BBDGA-001-01MS

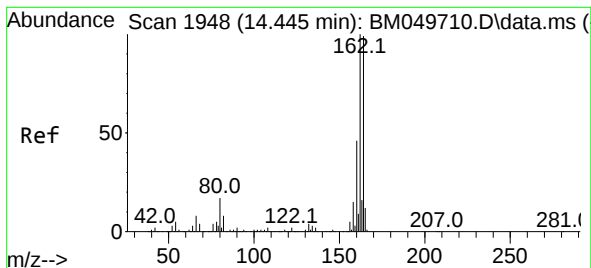
Tgt Ion:142 Resp: 1683449
Ion Ratio Lower Upper
142 100
141 87.4 70.5 105.7
115 34.3 26.5 39.7



#38
1-Methylnaphthalene
Concen: 51.122 ng
RT: 12.469 min Scan# 1612
Delta R.T. -0.018 min
Lab File: BM049797.D
Acq: 02 Apr 2025 19:18

Tgt Ion:142 Resp: 1777920
Ion Ratio Lower Upper
142 100
141 91.2 73.4 110.2
116 3.6 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.427 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM049797.D

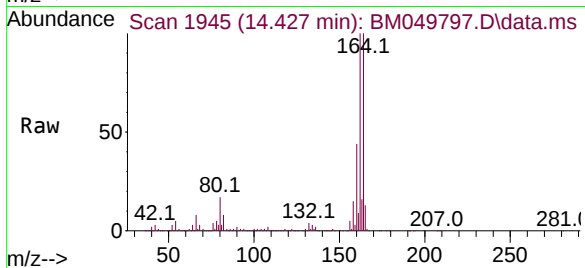
Acq: 02 Apr 2025 19:18

Instrument :

BNA_M

ClientSampleId :

P001-BBDGA-001-01MS



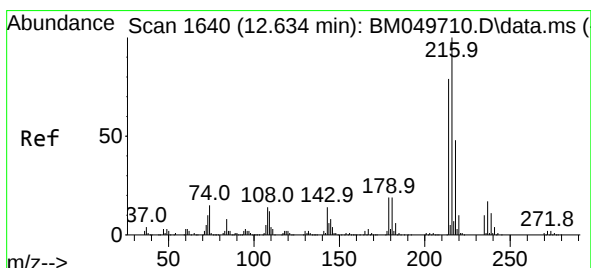
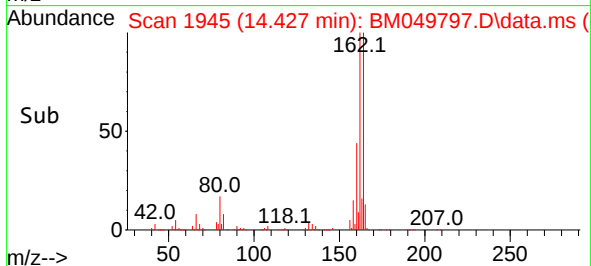
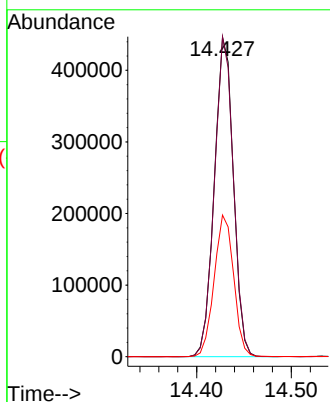
Tgt Ion:164 Resp: 624668

Ion Ratio Lower Upper

164 100

162 100.2 80.5 120.7

160 44.3 36.9 55.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.305 ng

RT: 12.616 min Scan# 1637

Delta R.T. -0.018 min

Lab File: BM049797.D

Acq: 02 Apr 2025 19:18

Tgt Ion:216 Resp: 1200153

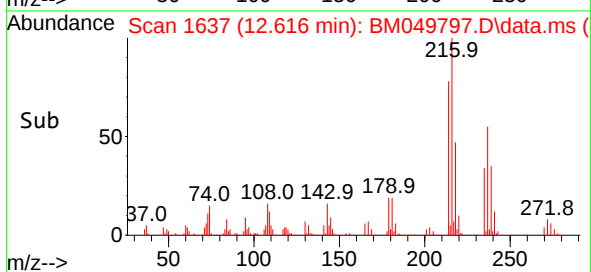
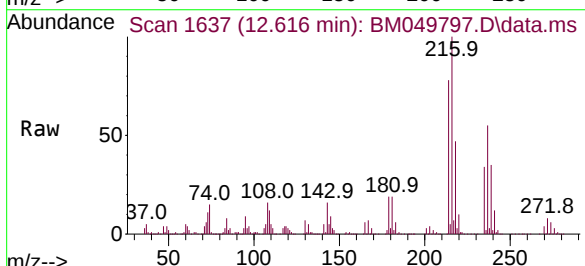
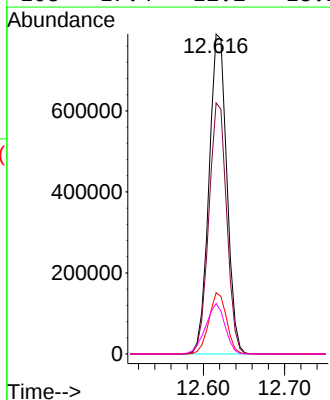
Ion Ratio Lower Upper

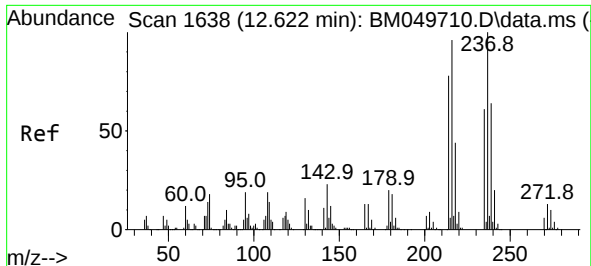
216 100

214 78.6 63.5 95.3

179 19.0 15.7 23.5

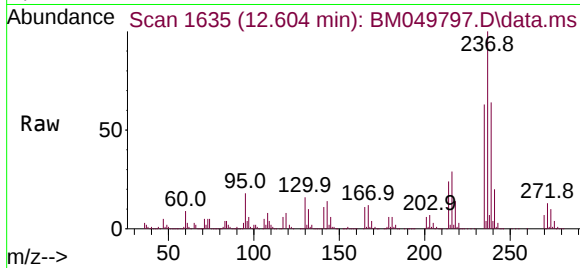
108 17.4 12.2 18.2



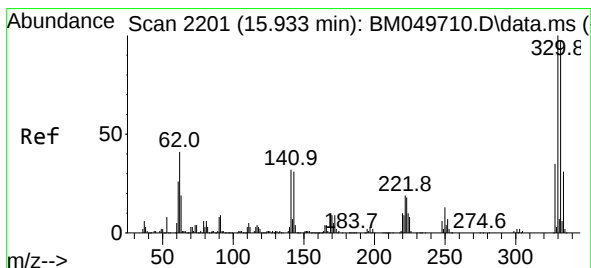
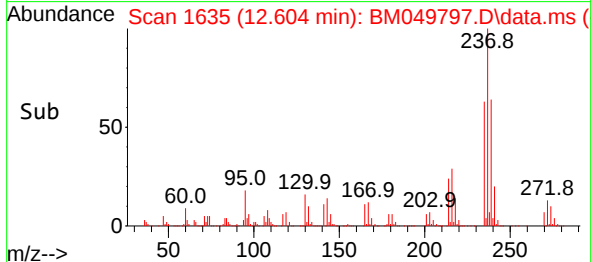
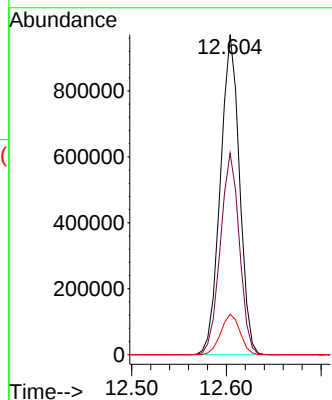


#41
Hexachlorocyclopentadiene
Concen: 160.189 ng
RT: 12.604 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM049797.D
Acq: 02 Apr 2025 19:18

Instrument :
BNA_M
ClientSampleId :
P001-BBDGA-001-01MS

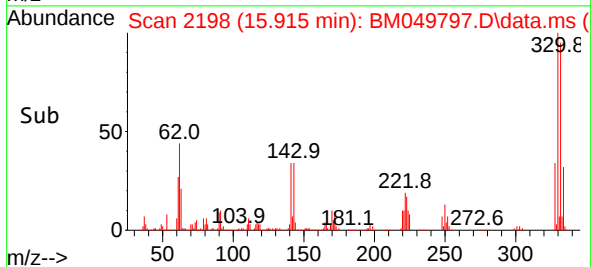
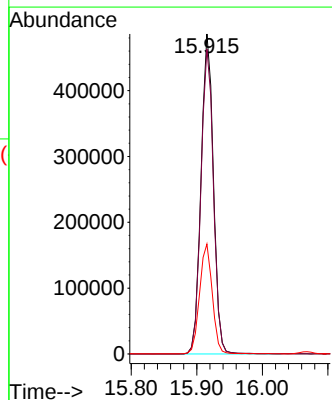
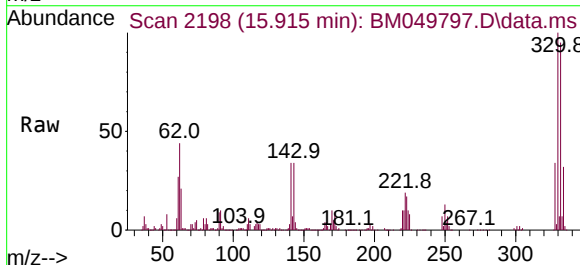


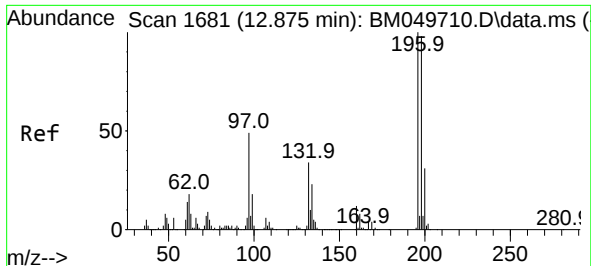
Tgt Ion:237 Resp: 1361685
Ion Ratio Lower Upper
237 100
235 63.0 41.1 81.1
272 12.7 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 87.604 ng
RT: 15.915 min Scan# 2198
Delta R.T. -0.018 min
Lab File: BM049797.D
Acq: 02 Apr 2025 19:18

Tgt Ion:330 Resp: 639003
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.4
141 35.2 27.8 41.6

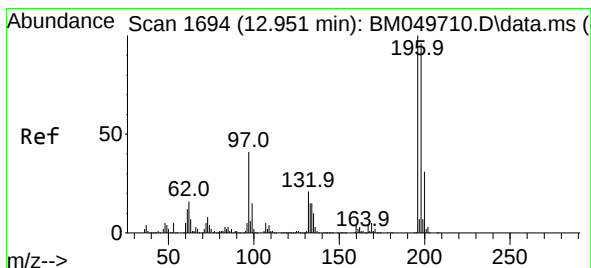
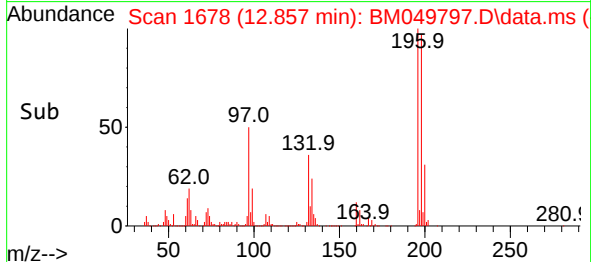
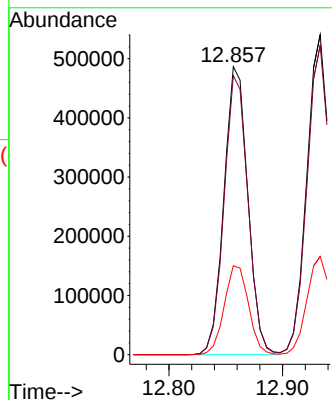
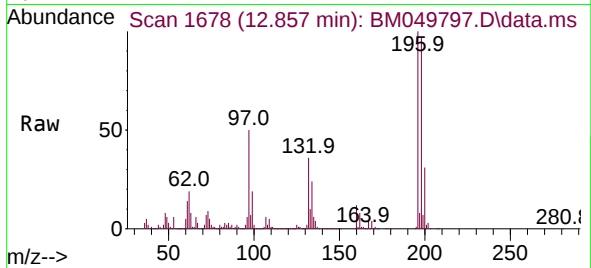




#43
2,4,6-Trichlorophenol
Concen: 55.443 ng
RT: 12.857 min Scan# 1678
Delta R.T. -0.018 min
Lab File: BM049797.D
Acq: 02 Apr 2025 19:18

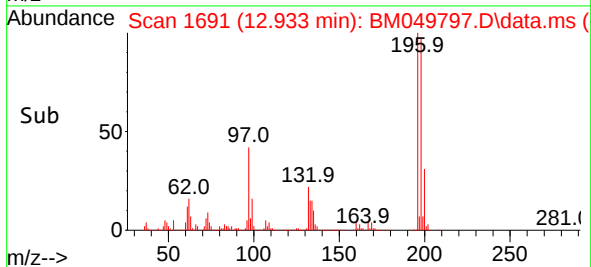
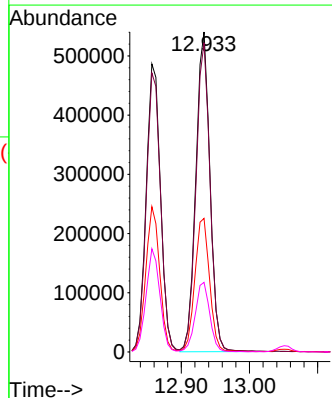
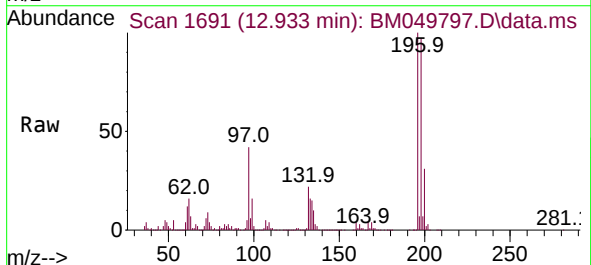
Instrument :
BNA_M
ClientSampleId :
P001-BBDGA-001-01MS

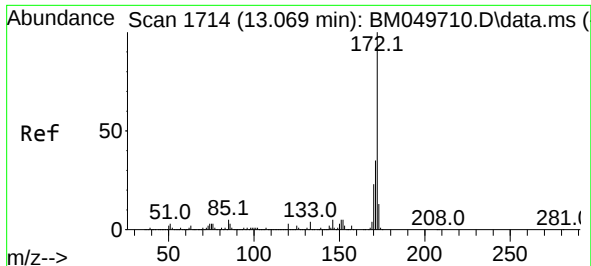
Tgt Ion:196 Resp: 712499
Ion Ratio Lower Upper
196 100
198 96.9 78.3 117.5
200 30.9 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 55.441 ng
RT: 12.933 min Scan# 1691
Delta R.T. -0.018 min
Lab File: BM049797.D
Acq: 02 Apr 2025 19:18

Tgt Ion:196 Resp: 777486
Ion Ratio Lower Upper
196 100
198 96.7 76.7 115.1
97 41.7 32.9 49.3
132 21.7 16.8 25.2

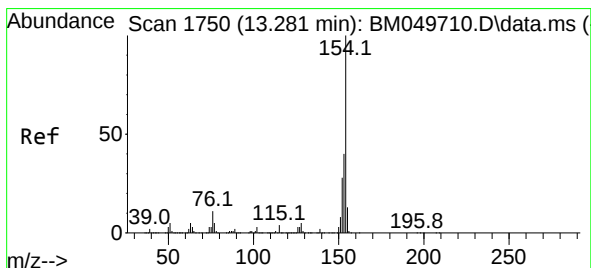
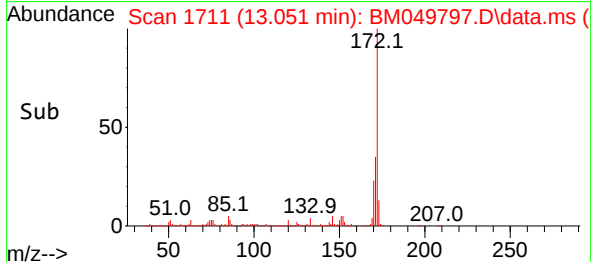
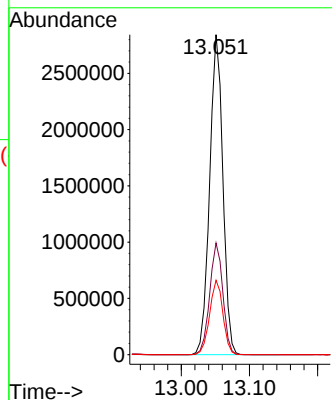
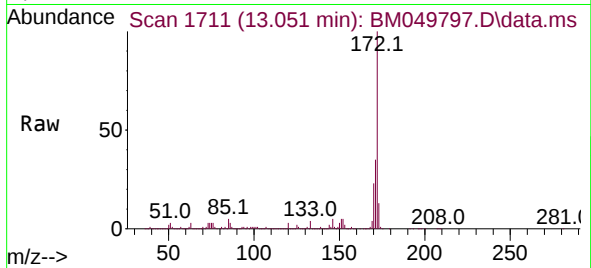




#45
2-Fluorobiphenyl
Concen: 76.896 ng
RT: 13.051 min Scan# 1711
Delta R.T. -0.018 min
Lab File: BM049797.D
Acq: 02 Apr 2025 19:18

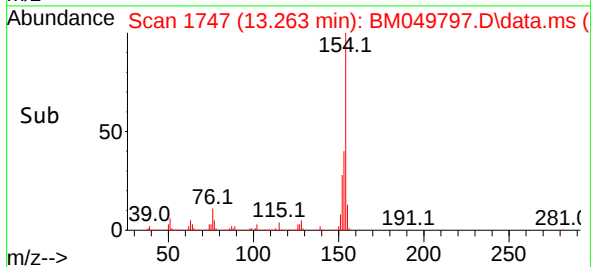
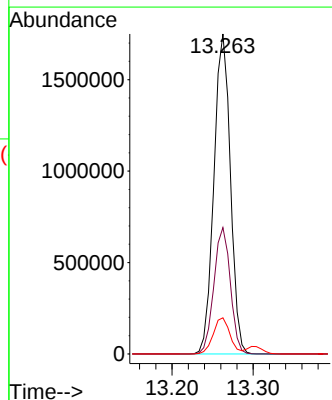
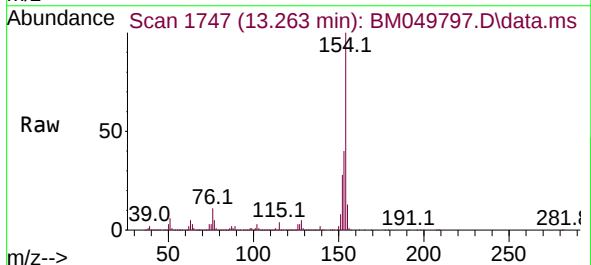
Instrument :
BNA_M
ClientSampleId :
P001-BBDGA-001-01MS

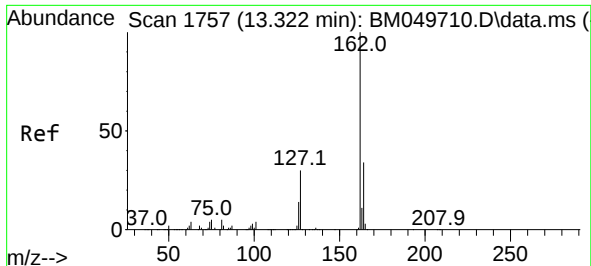
Tgt Ion:172 Resp: 3835452
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 23.3 18.6 28.0



#46
1,1'-Biphenyl
Concen: 51.238 ng
RT: 13.263 min Scan# 1747
Delta R.T. -0.018 min
Lab File: BM049797.D
Acq: 02 Apr 2025 19:18

Tgt Ion:154 Resp: 2466811
Ion Ratio Lower Upper
154 100
153 39.5 19.7 59.7
76 11.3 0.0 31.2

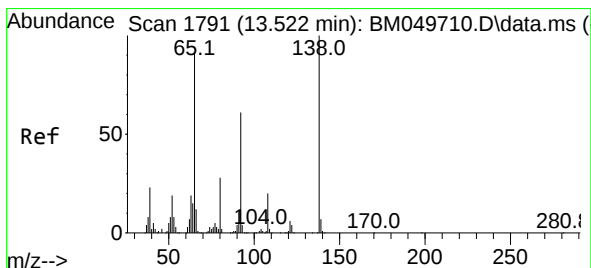
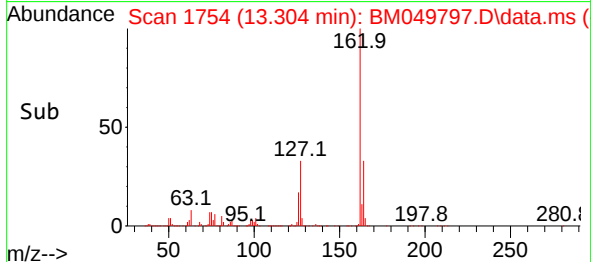
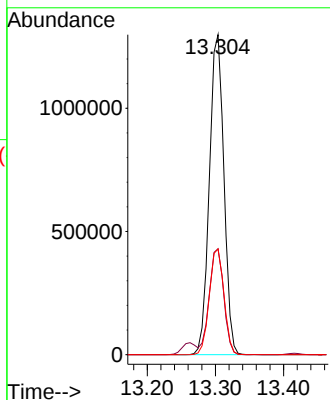
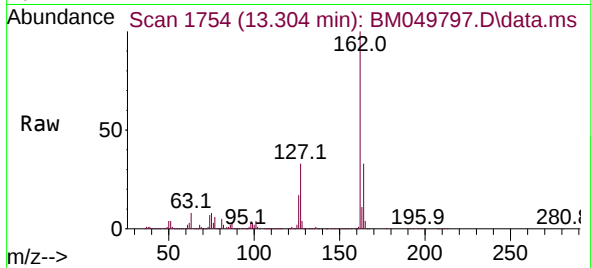




#47
2-Chloronaphthalene
Concen: 51.451 ng
RT: 13.304 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM049797.D
Acq: 02 Apr 2025 19:18

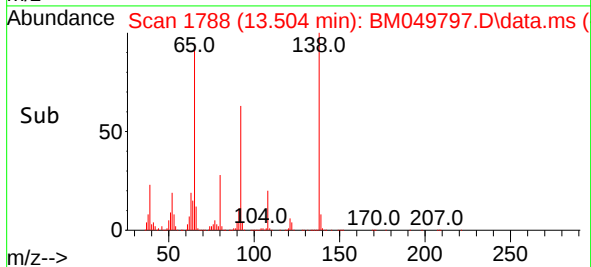
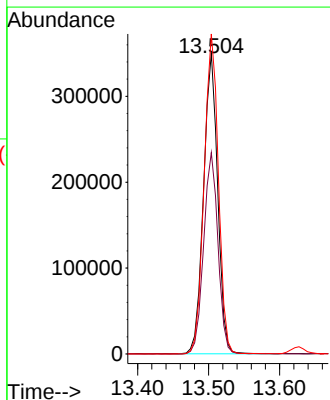
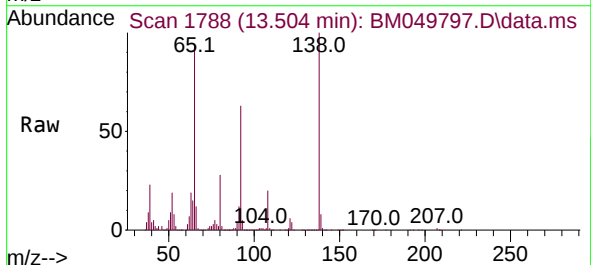
Instrument :
BNA_M
ClientSampleId :
P001-BBDGA-001-01MS

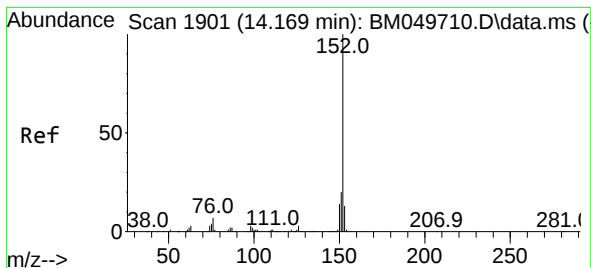
Tgt Ion:162 Resp: 1928046
Ion Ratio Lower Upper
162 100
127 33.1 25.8 38.6
164 33.0 27.1 40.7



#48
2-Nitroaniline
Concen: 57.632 ng
RT: 13.504 min Scan# 1788
Delta R.T. -0.018 min
Lab File: BM049797.D
Acq: 02 Apr 2025 19:18

Tgt Ion: 65 Resp: 484817
Ion Ratio Lower Upper
65 100
92 66.9 53.4 80.2
138 106.3 87.6 131.4





#49

Acenaphthylene

Concen: 56.151 ng

RT: 14.151 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM049797.D

Acq: 02 Apr 2025 19:18

Instrument :

BNA_M

ClientSampleId :

P001-BBDGA-001-01MS

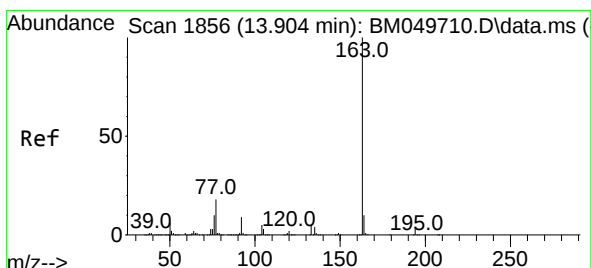
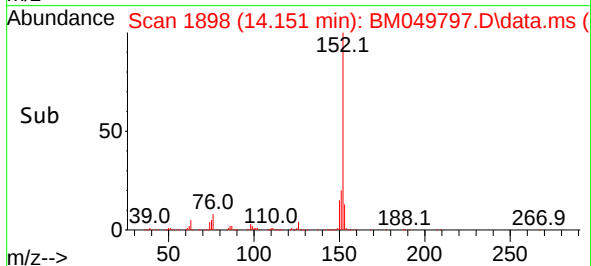
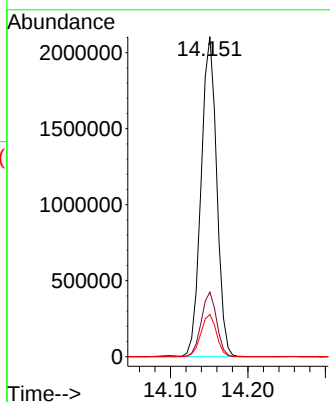
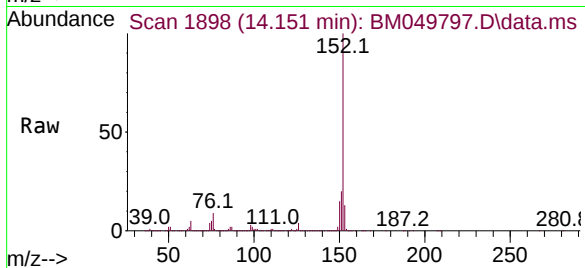
Tgt Ion:152 Resp: 2941155

Ion Ratio Lower Upper

152 100

151 20.2 15.8 23.8

153 13.2 10.2 15.4



#50

Dimethylphthalate

Concen: 52.308 ng

RT: 13.886 min Scan# 1853

Delta R.T. -0.018 min

Lab File: BM049797.D

Acq: 02 Apr 2025 19:18

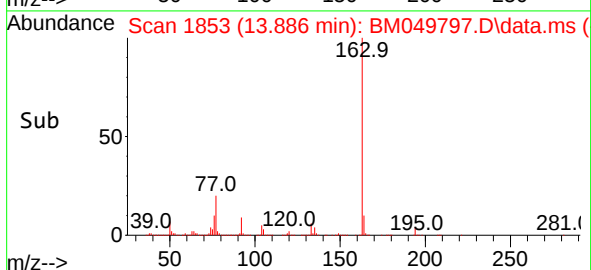
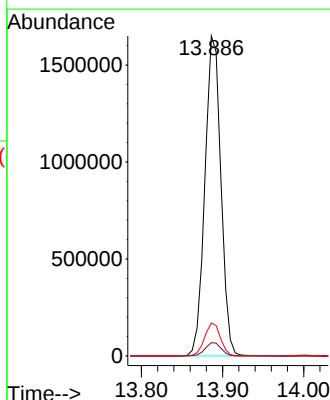
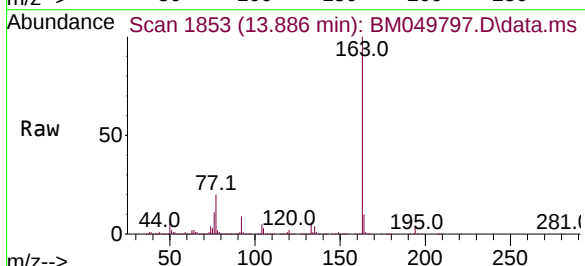
Tgt Ion:163 Resp: 2249656

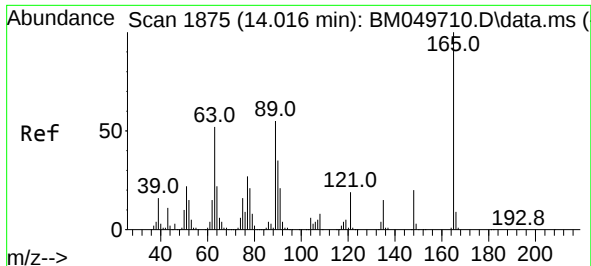
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 10.3 8.2 12.2

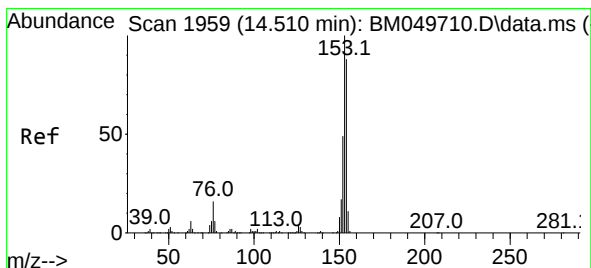
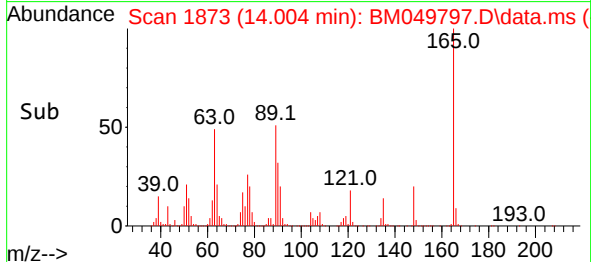
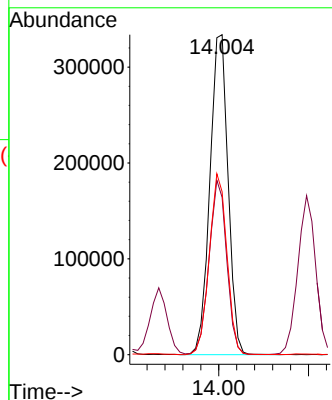
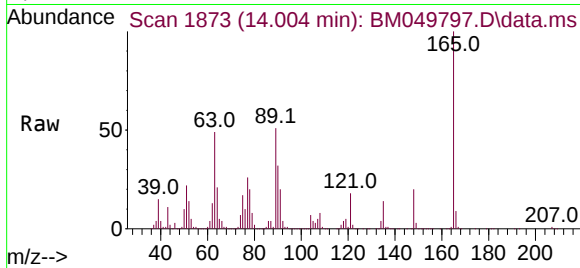




#51
2,6-Dinitrotoluene
Concen: 54.463 ng
RT: 14.004 min Scan# 1873
Delta R.T. -0.012 min
Lab File: BM049797.D
Acq: 02 Apr 2025 19:18

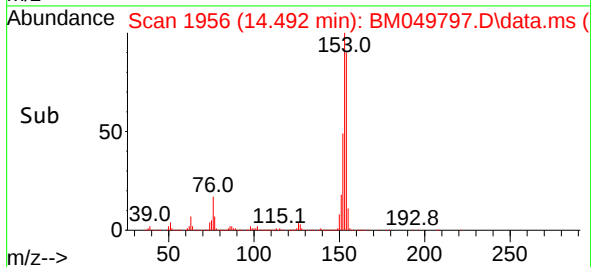
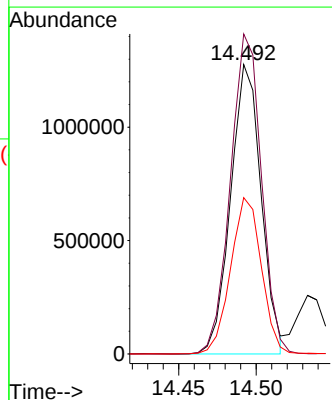
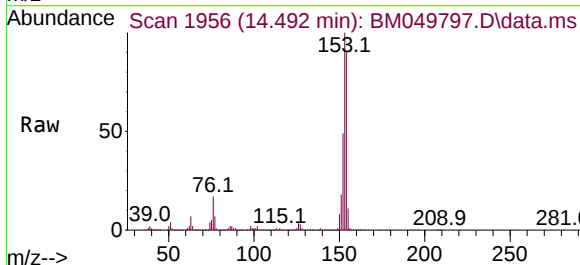
Instrument :
BNA_M
ClientSampleId :
P001-BBDGA-001-01MS

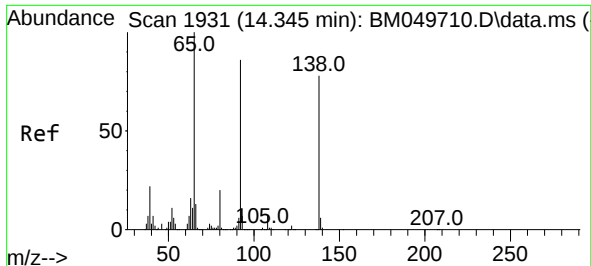
Tgt Ion:165 Resp: 469339
Ion Ratio Lower Upper
165 100
63 49.2 42.3 63.5
89 50.9 43.9 65.9



#52
Acenaphthene
Concen: 50.832 ng
RT: 14.492 min Scan# 1956
Delta R.T. -0.018 min
Lab File: BM049797.D
Acq: 02 Apr 2025 19:18

Tgt Ion:154 Resp: 1746477
Ion Ratio Lower Upper
154 100
153 110.5 90.4 135.6
152 54.0 44.2 66.2

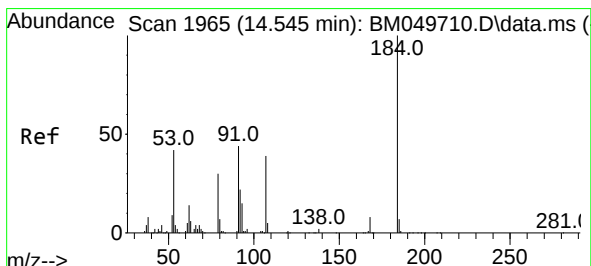
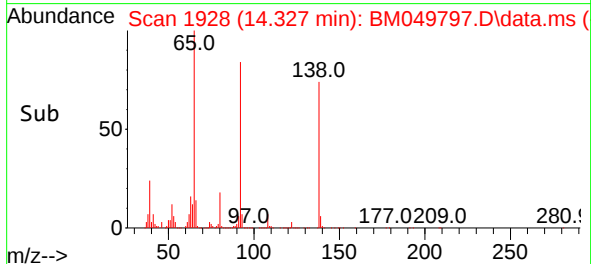
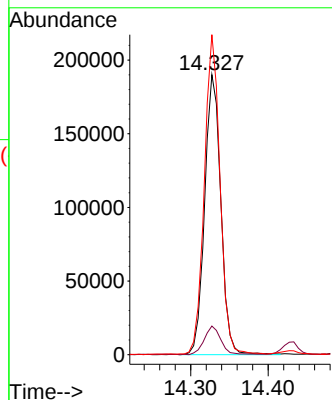
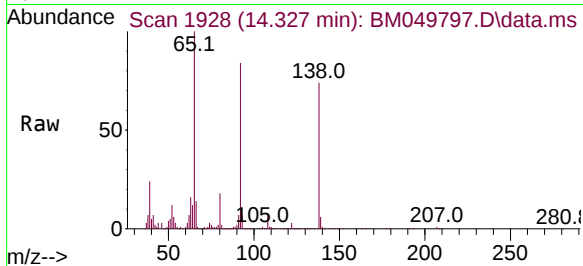




#53
3-Nitroaniline
Concen: 33.604 ng
RT: 14.327 min Scan# 1931
Delta R.T. -0.018 min
Lab File: BM049797.D
Acq: 02 Apr 2025 19:18

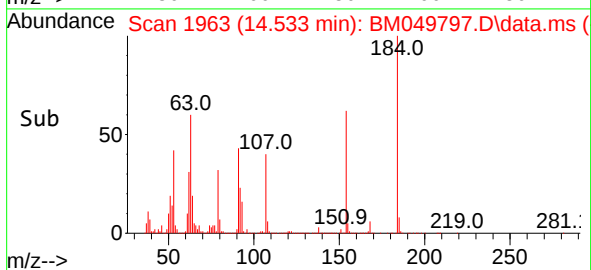
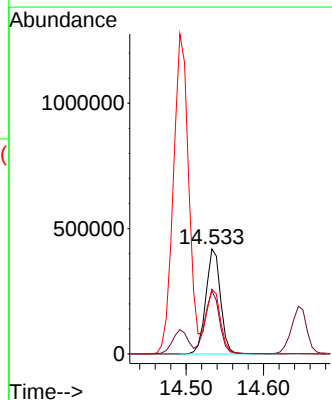
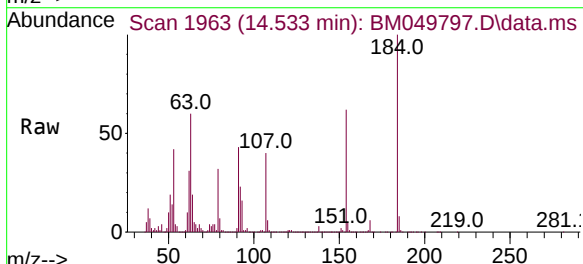
Instrument :
BNA_M
ClientSampleId :
P001-BBDGA-001-01MS

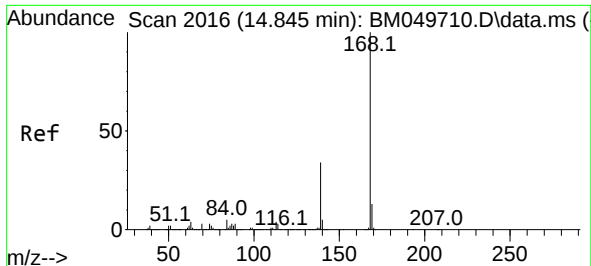
Tgt Ion:138 Resp: 275566
Ion Ratio Lower Upper
138 100
108 10.2 7.5 11.3
92 114.3 88.0 132.0



#54
2,4-Dinitrophenol
Concen: 93.863 ng
RT: 14.533 min Scan# 1963
Delta R.T. -0.012 min
Lab File: BM049797.D
Acq: 02 Apr 2025 19:18

Tgt Ion:184 Resp: 550947
Ion Ratio Lower Upper
184 100
63 60.1 47.2 70.8
154 61.7 49.9 74.9

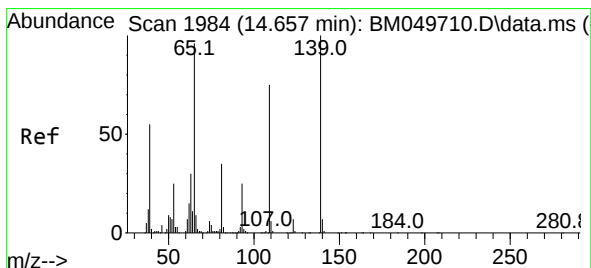
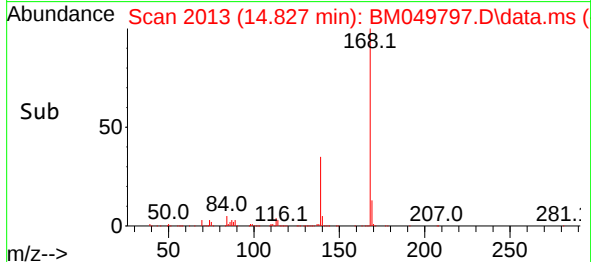
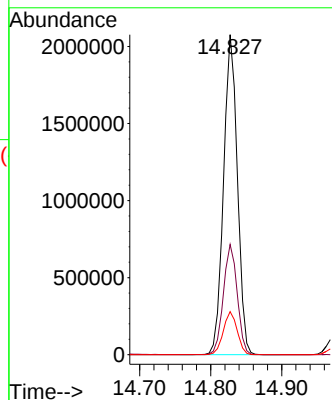
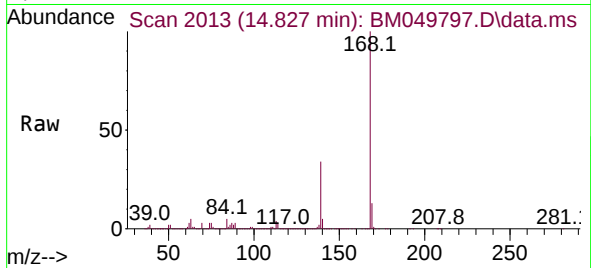




#55
Dibenzenofuran
Concen: 48.772 ng
RT: 14.827 min Scan# 2016
Delta R.T. -0.018 min
Lab File: BM049797.D
Acq: 02 Apr 2025 19:18

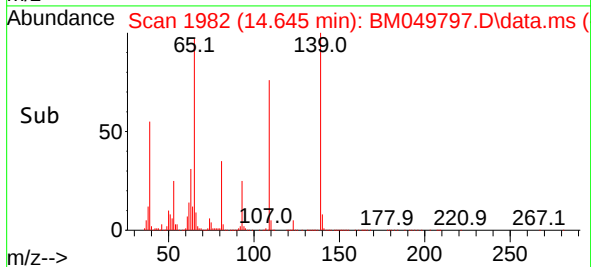
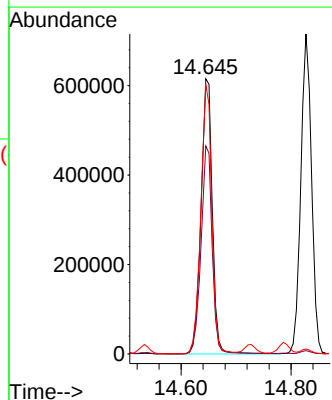
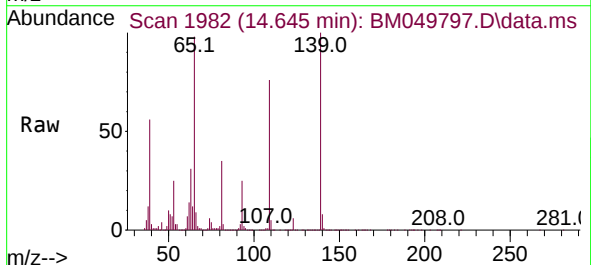
Instrument :
BNA_M
ClientSampleId :
P001-BBDGA-001-01MS

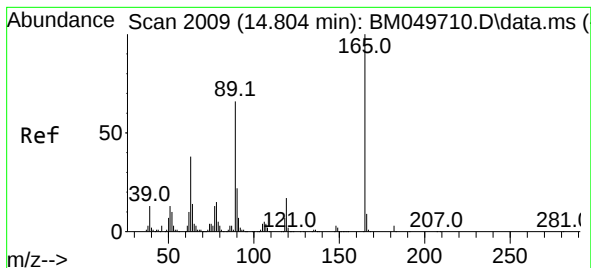
Tgt Ion:168 Resp: 2792249
Ion Ratio Lower Upper
168 100
139 34.4 27.4 41.0
169 13.5 10.7 16.1



#56
4-Nitrophenol
Concen: 122.828 ng
RT: 14.645 min Scan# 1982
Delta R.T. -0.012 min
Lab File: BM049797.D
Acq: 02 Apr 2025 19:18

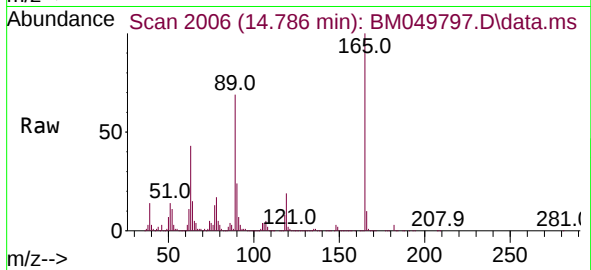
Tgt Ion:139 Resp: 876762
Ion Ratio Lower Upper
139 100
109 75.6 54.7 94.7
65 97.9 76.2 116.2



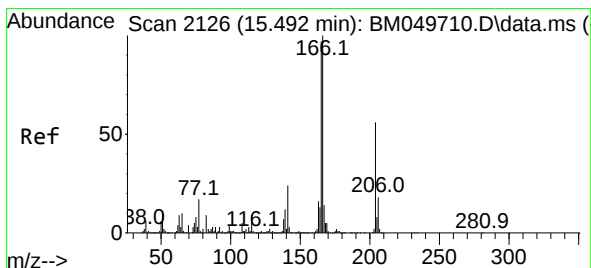
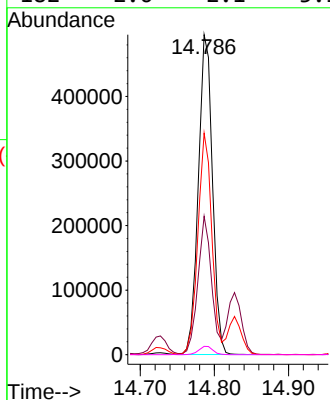
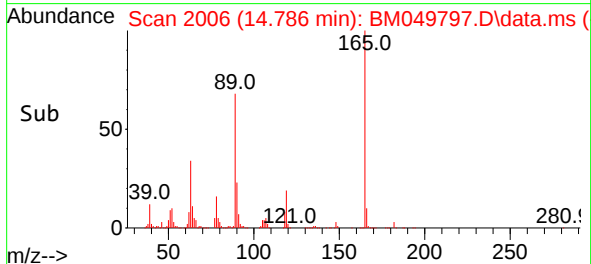


#57
2,4-Dinitrotoluene
Concen: 59.240 ng
RT: 14.786 min Scan# 2006
Delta R.T. -0.018 min
Lab File: BM049797.D
Acq: 02 Apr 2025 19:18

Instrument :
BNA_M
ClientSampleId :
P001-BBDGA-001-01MS

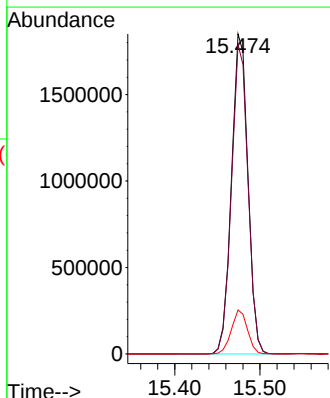
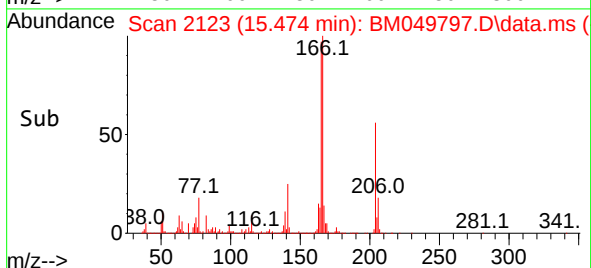
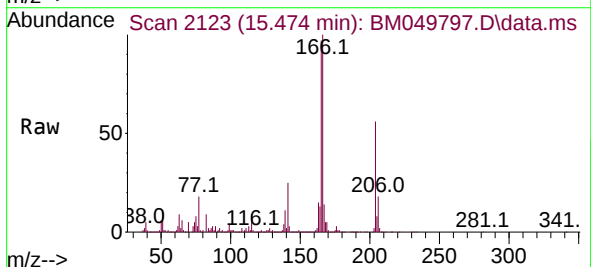


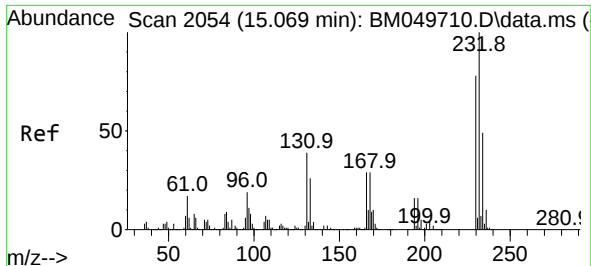
Tgt Ion:165 Resp: 656900
Ion Ratio Lower Upper
165 100
63 43.2 30.8 46.2
89 69.3 53.1 79.7
182 2.6 2.1 3.1



#58
Fluorene
Concen: 53.149 ng
RT: 15.474 min Scan# 2123
Delta R.T. -0.018 min
Lab File: BM049797.D
Acq: 02 Apr 2025 19:18

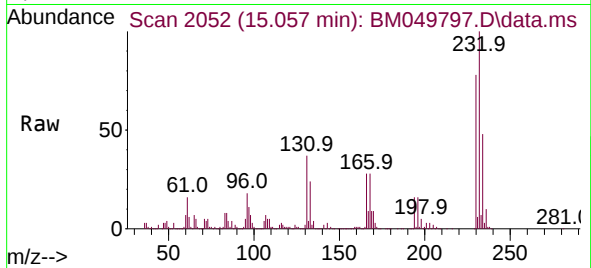
Tgt Ion:166 Resp: 2477421
Ion Ratio Lower Upper
166 100
165 96.7 77.5 116.3
167 13.7 10.9 16.3



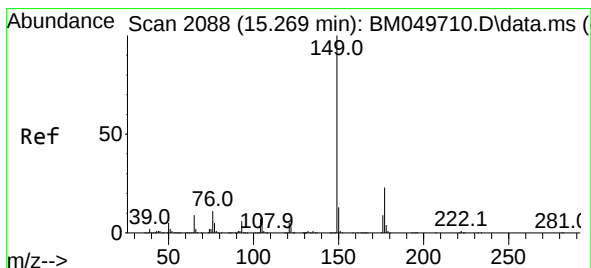
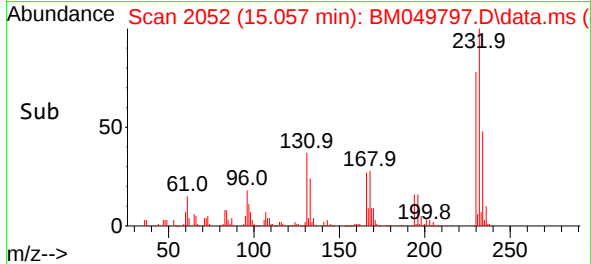
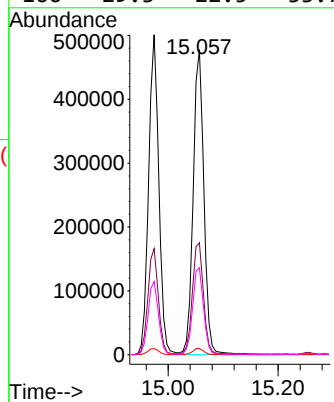


#59
2,3,4,6-Tetrachlorophenol
Concen: 54.745 ng
RT: 15.057 min Scan# 2052
Delta R.T. -0.012 min
Lab File: BM049797.D
Acq: 02 Apr 2025 19:18

Instrument :
BNA_M
ClientSampleId :
P001-BBDGA-001-01MS

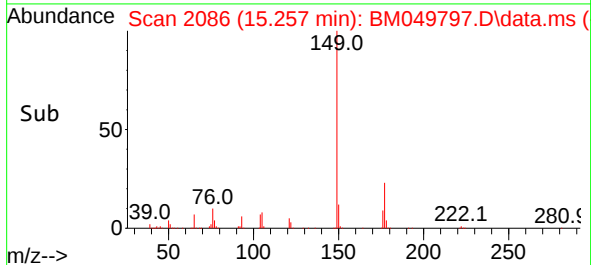
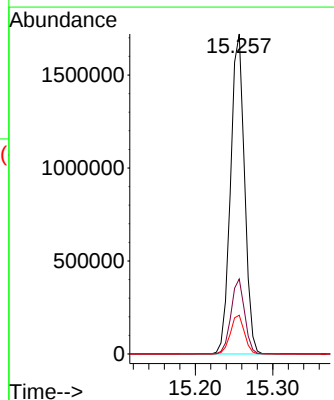
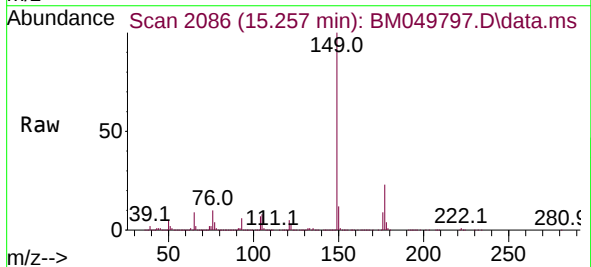


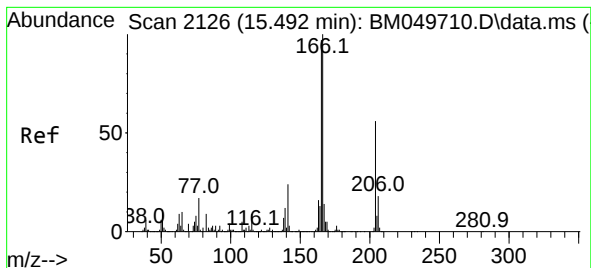
Tgt Ion:232 Resp: 642639
Ion Ratio Lower Upper
232 100
131 38.0 30.0 45.0
130 2.2 1.6 2.4
166 29.3 22.5 33.7



#60
Diethylphthalate
Concen: 53.221 ng
RT: 15.257 min Scan# 2086
Delta R.T. -0.012 min
Lab File: BM049797.D
Acq: 02 Apr 2025 19:18

Tgt Ion:149 Resp: 2155789
Ion Ratio Lower Upper
149 100
177 23.5 18.2 27.2
150 12.1 10.0 15.0

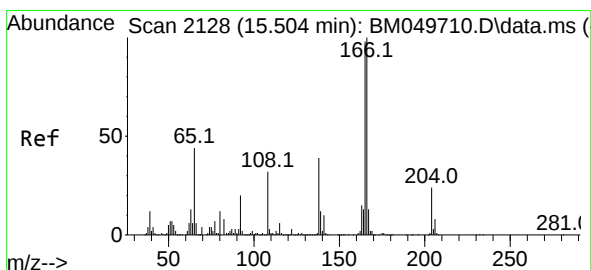
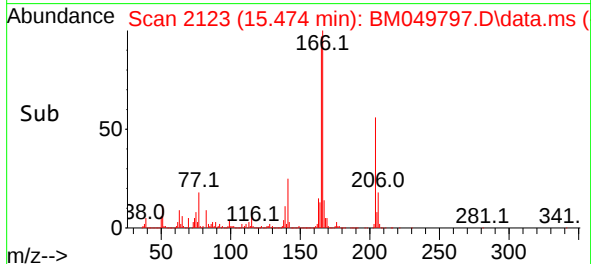
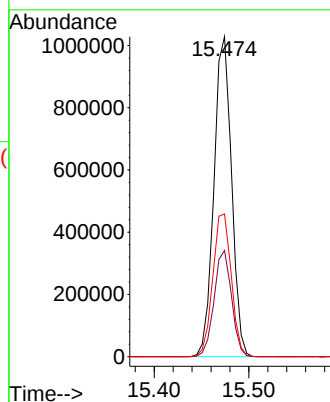
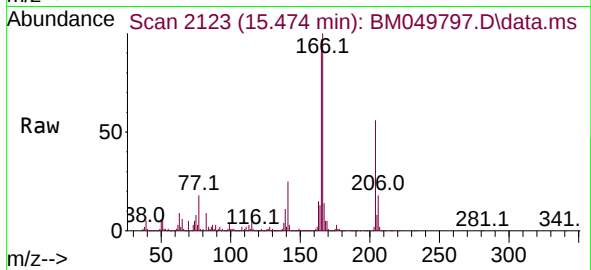




#61
4-Chlorophenyl-phenylether
Concen: 52.183 ng
RT: 15.474 min Scan# 2123
Delta R.T. -0.018 min
Lab File: BM049797.D
Acq: 02 Apr 2025 19:18

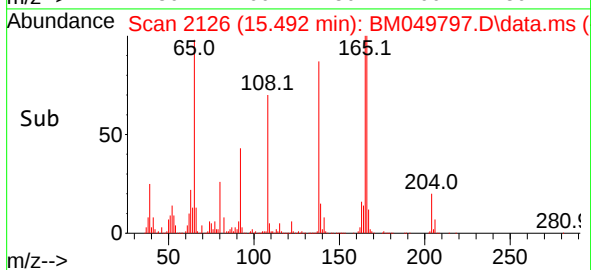
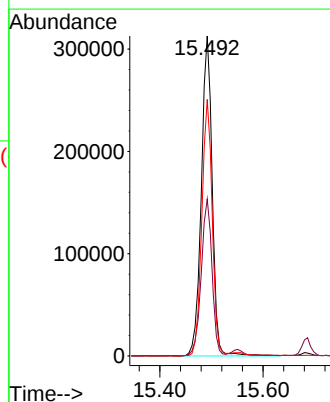
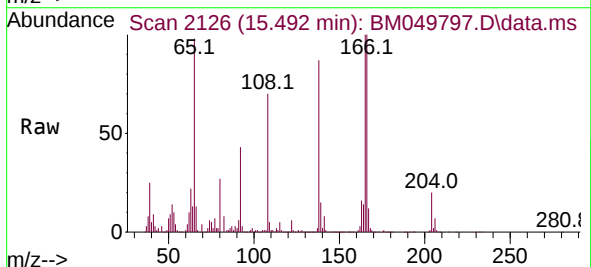
Instrument :
BNA_M
ClientSampleId :
P001-BBDGA-001-01MS

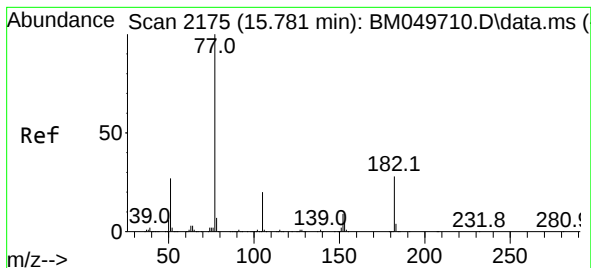
Tgt Ion:204 Resp: 1328231
Ion Ratio Lower Upper
204 100
206 33.2 25.2 37.8
141 44.6 34.5 51.7



#62
4-Nitroaniline
Concen: 47.101 ng
RT: 15.492 min Scan# 2126
Delta R.T. -0.012 min
Lab File: BM049797.D
Acq: 02 Apr 2025 19:18

Tgt Ion:138 Resp: 458818
Ion Ratio Lower Upper
138 100
92 49.0 29.8 69.8
108 80.1 61.3 101.3





#63

Azobenzene

Concen: 56.508 ng

RT: 15.762 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM049797.D

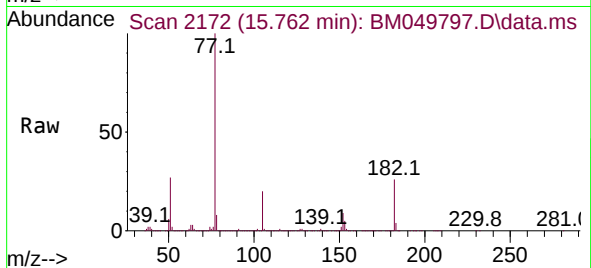
Acq: 02 Apr 2025 19:18

Instrument :

BNA_M

ClientSampleId :

P001-BBDGA-001-01MS



Tgt Ion: 77 Resp: 2186320

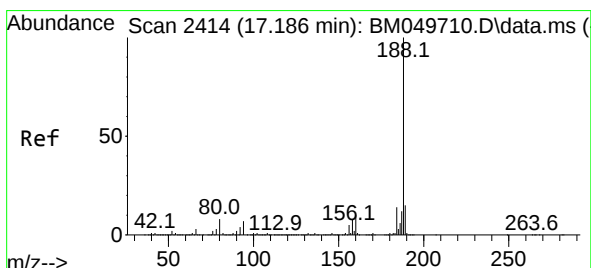
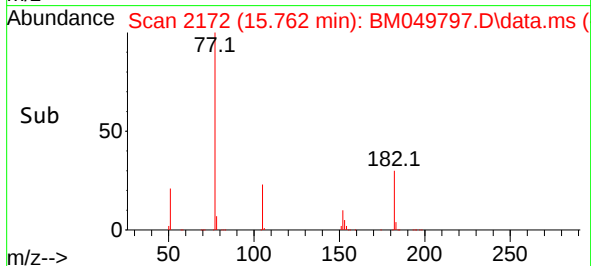
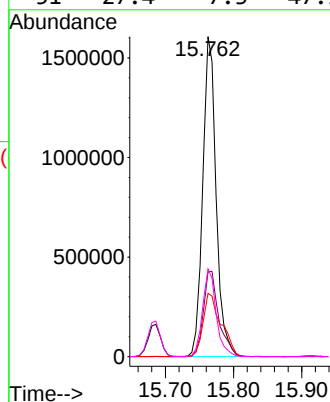
Ion Ratio Lower Upper

77 100

182 26.5 8.0 48.0

105 19.8 0.0 40.0

51 27.4 7.3 47.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.168 min Scan# 2411

Delta R.T. -0.018 min

Lab File: BM049797.D

Acq: 02 Apr 2025 19:18

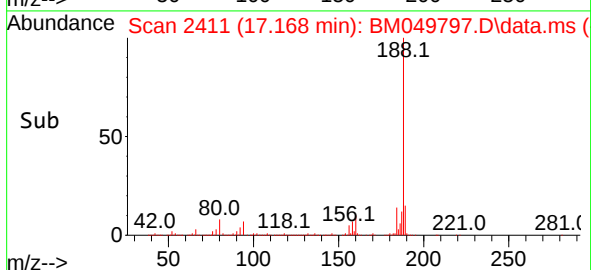
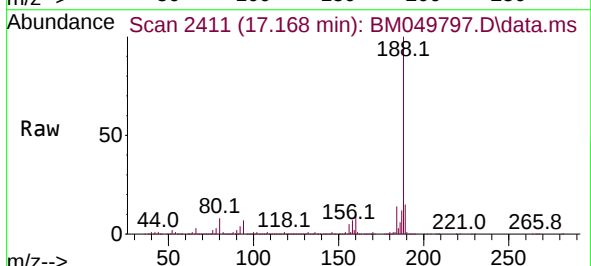
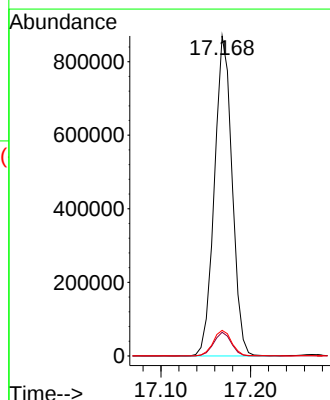
Tgt Ion:188 Resp: 1190364

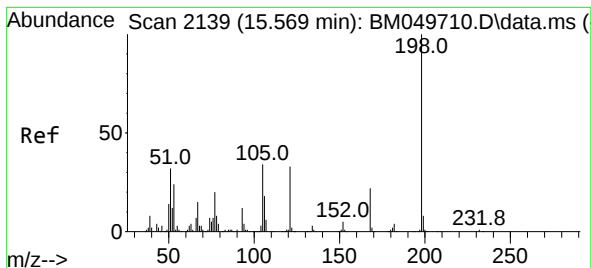
Ion Ratio Lower Upper

188 100

94 7.4 5.8 8.6

80 8.0 6.3 9.5

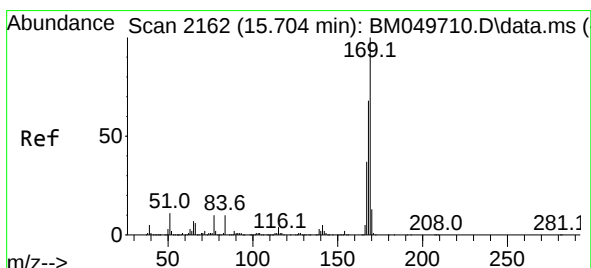
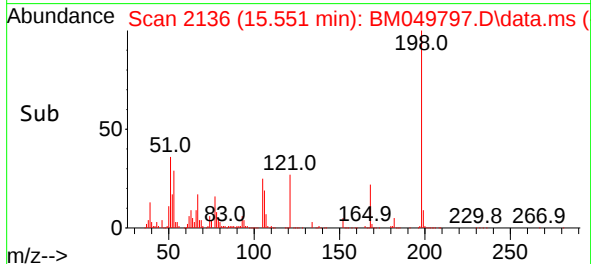
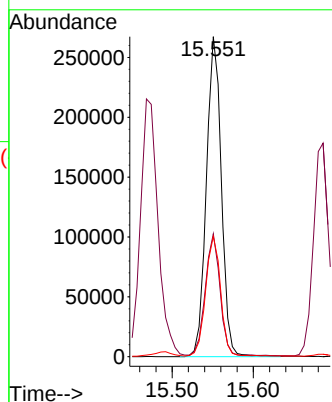
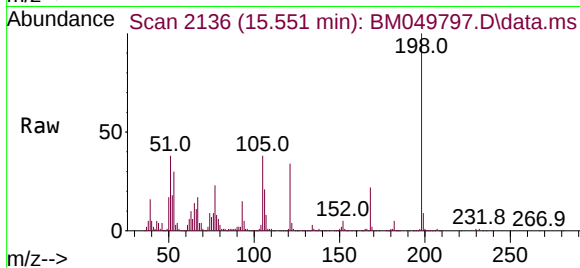




#65
4,6-Dinitro-2-methylphenol
Concen: 51.738 ng
RT: 15.551 min Scan# 2136
Delta R.T. -0.018 min
Lab File: BM049797.D
Acq: 02 Apr 2025 19:18

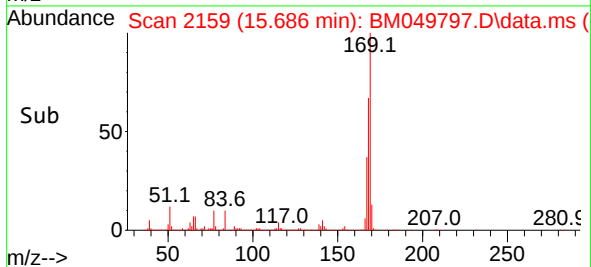
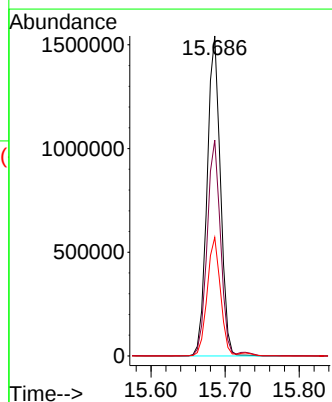
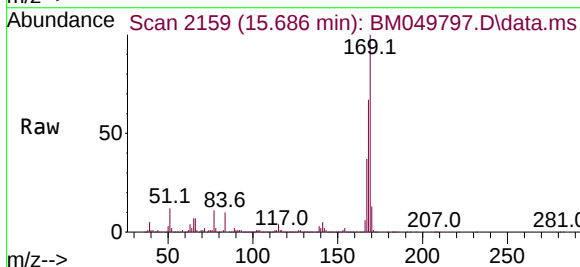
Instrument :
BNA_M
ClientSampleId :
P001-BBDGA-001-01MS

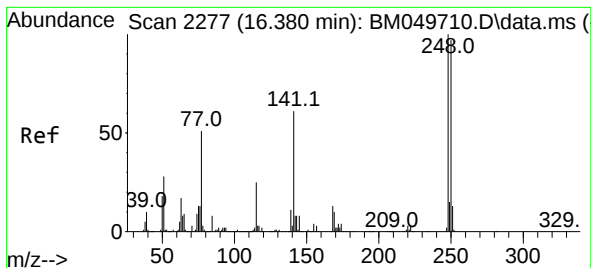
Tgt Ion:198 Resp: 341884
Ion Ratio Lower Upper
198 100
51 38.4 13.8 53.8
105 37.6 14.0 54.0



#66
n-Nitrosodiphenylamine
Concen: 53.377 ng
RT: 15.686 min Scan# 2159
Delta R.T. -0.018 min
Lab File: BM049797.D
Acq: 02 Apr 2025 19:18

Tgt Ion:169 Resp: 1925067
Ion Ratio Lower Upper
169 100
168 67.4 54.8 82.2
167 37.1 29.9 44.9

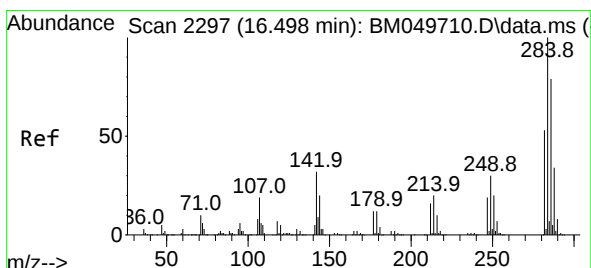
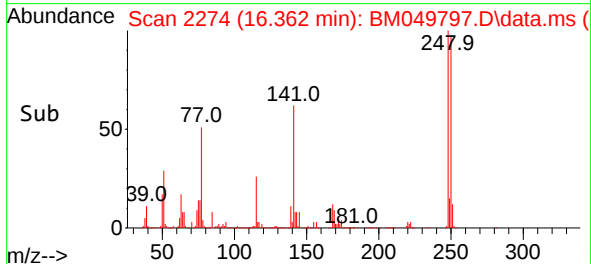
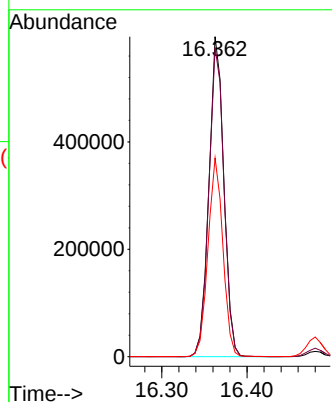
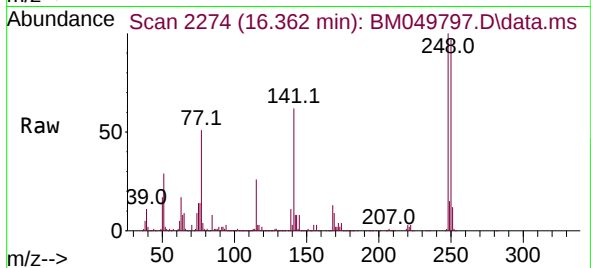




#67
4-Bromophenyl-phenylether
Concen: 52.830 ng
RT: 16.362 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM049797.D
Acq: 02 Apr 2025 19:18

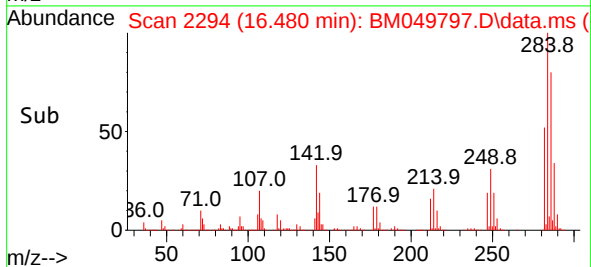
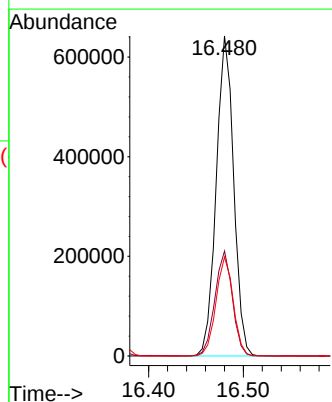
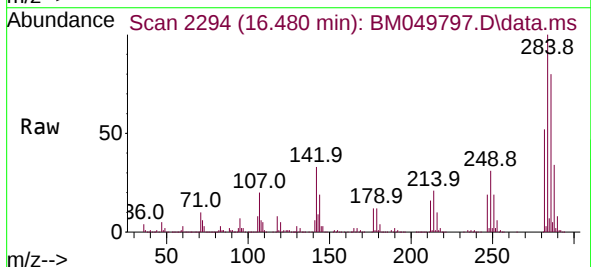
Instrument :
BNA_M
ClientSampleId :
P001-BBDGA-001-01MS

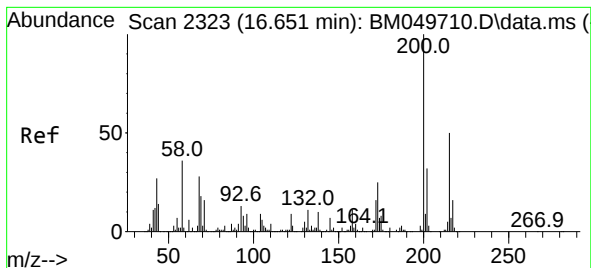
Tgt Ion:248 Resp: 726068
Ion Ratio Lower Upper
248 100
250 96.6 77.9 116.9
141 62.1 48.6 73.0



#68
Hexachlorobenzene
Concen: 53.122 ng
RT: 16.480 min Scan# 2294
Delta R.T. -0.018 min
Lab File: BM049797.D
Acq: 02 Apr 2025 19:18

Tgt Ion:284 Resp: 820993
Ion Ratio Lower Upper
284 100
142 32.8 25.5 38.3
249 30.9 24.2 36.2





#69

Atrazine

Concen: 85.721 ng

RT: 16.639 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM049797.D

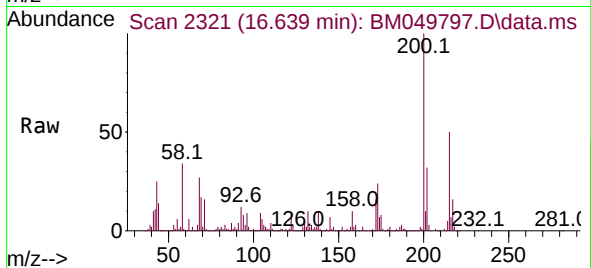
Acq: 02 Apr 2025 19:18

Instrument :

BNA_M

ClientSampleId :

P001-BBDGA-001-01MS



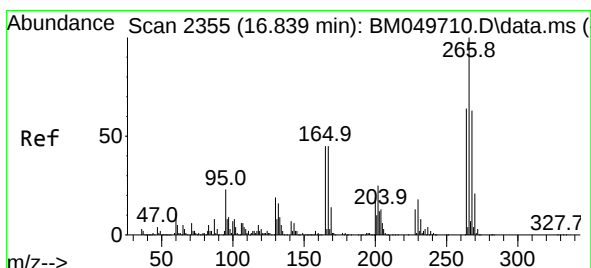
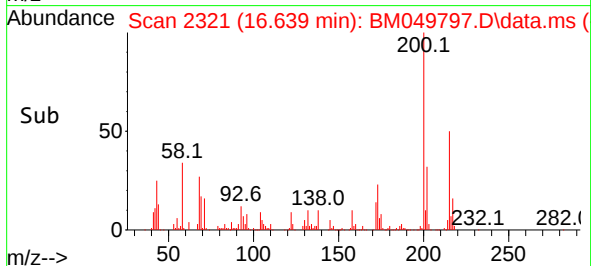
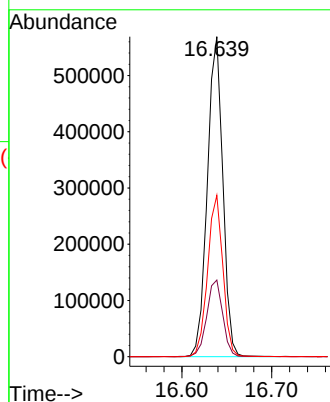
Tgt Ion:200 Resp: 681338

Ion Ratio Lower Upper

200 100

173 23.9 5.4 45.4

215 50.4 29.8 69.8



#70

Pentachlorophenol

Concen: 119.856 ng

RT: 16.821 min Scan# 2352

Delta R.T. -0.018 min

Lab File: BM049797.D

Acq: 02 Apr 2025 19:18

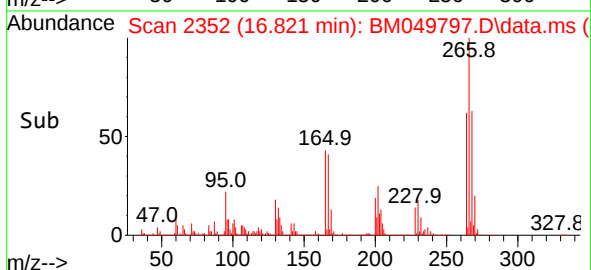
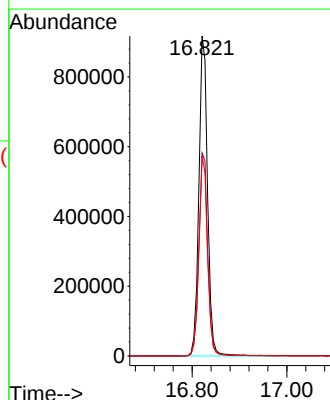
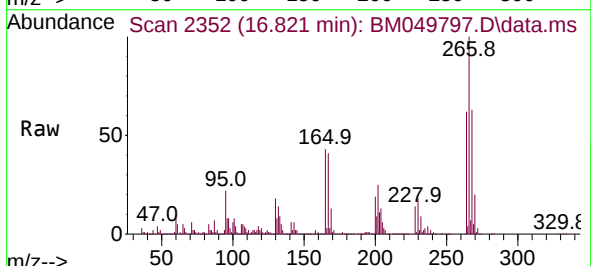
Tgt Ion:266 Resp: 1164076

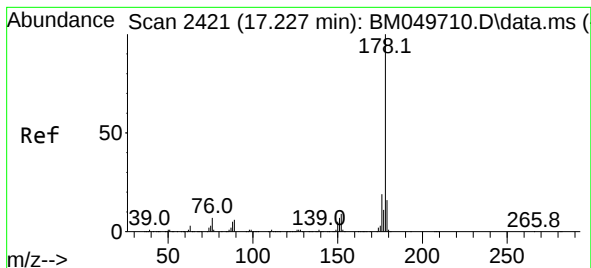
Ion Ratio Lower Upper

266 100

268 63.4 50.2 75.2

264 62.5 51.3 76.9





#71

Phenanthrene

Concen: 54.469 ng

RT: 17.209 min Scan# 2418

Delta R.T. -0.018 min

Lab File: BM049797.D

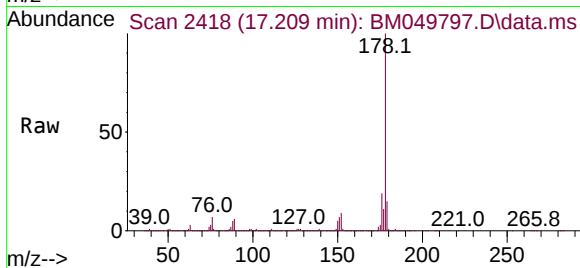
Acq: 02 Apr 2025 19:18

Instrument :

BNA_M

ClientSampleId :

P001-BBDGA-001-01MS



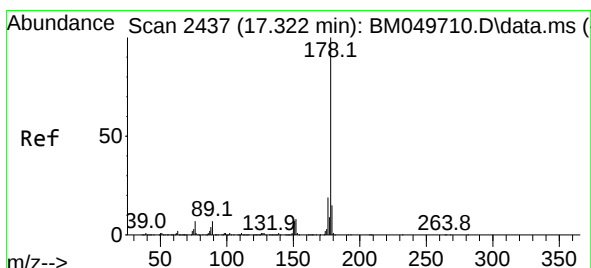
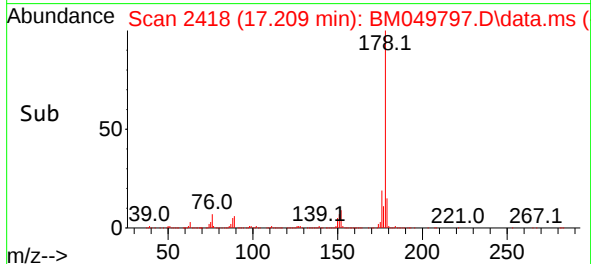
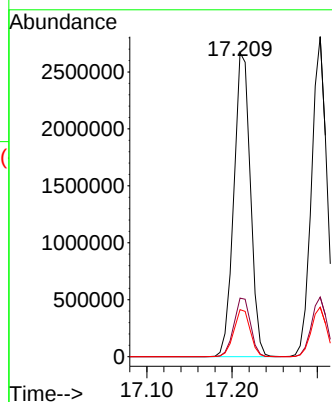
Tgt Ion:178 Resp: 3600322

Ion Ratio Lower Upper

178 100

176 19.2 15.5 23.3

179 15.4 12.5 18.7



#72

Anthracene

Concen: 55.441 ng

RT: 17.304 min Scan# 2434

Delta R.T. -0.018 min

Lab File: BM049797.D

Acq: 02 Apr 2025 19:18

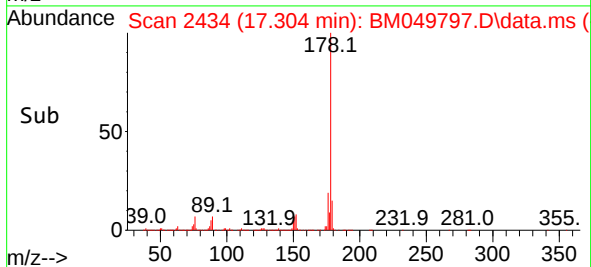
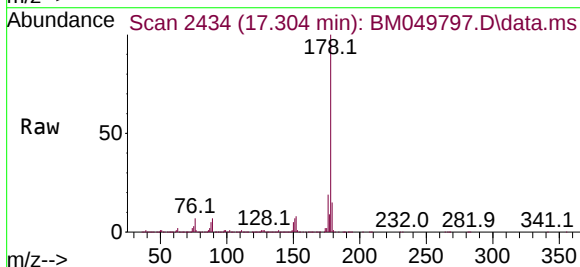
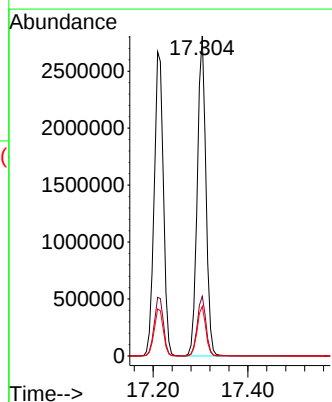
Tgt Ion:178 Resp: 3548922

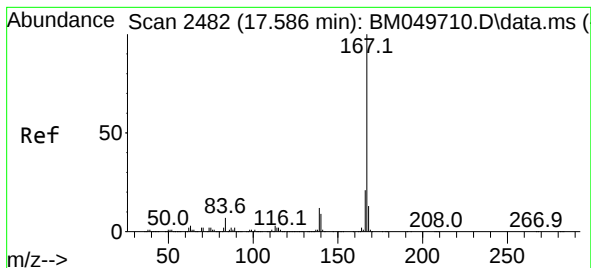
Ion Ratio Lower Upper

178 100

176 18.6 15.1 22.7

179 15.5 12.4 18.6





#73

Carbazole

Concen: 55.635 ng

RT: 17.568 min Scan# 24

Delta R.T. -0.018 min

Lab File: BM049797.D

Acq: 02 Apr 2025 19:18

Instrument :

BNA_M

ClientSampleId :

P001-BBDGA-001-01MS

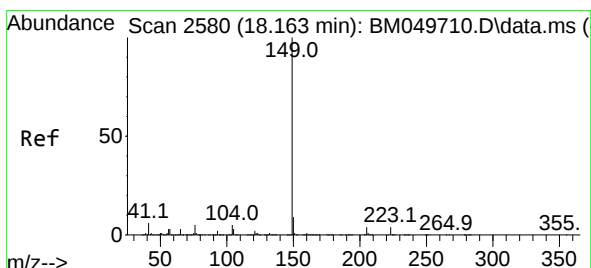
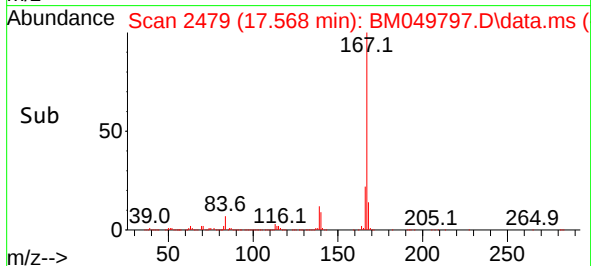
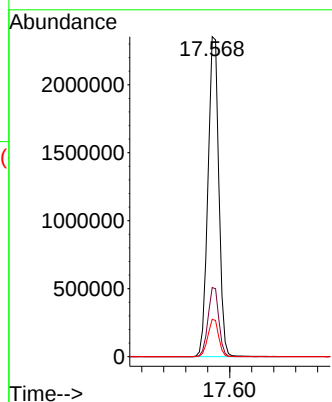
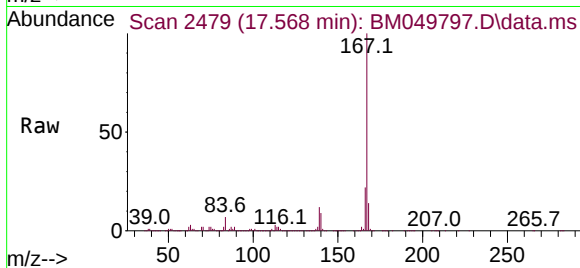
Tgt Ion:167 Resp: 3225290

Ion Ratio Lower Upper

167 100

166 21.6 17.0 25.6

139 11.7 9.4 14.2



#74

Di-n-butylphthalate

Concen: 58.427 ng

RT: 18.139 min Scan# 2576

Delta R.T. -0.024 min

Lab File: BM049797.D

Acq: 02 Apr 2025 19:18

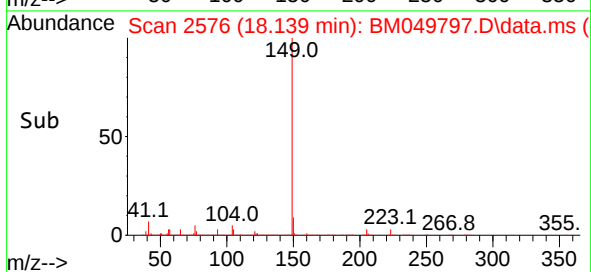
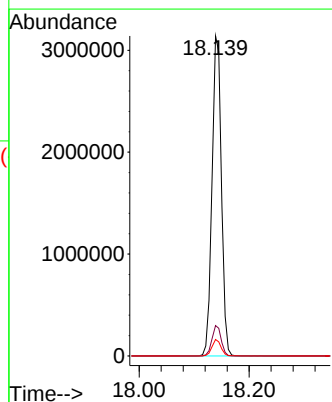
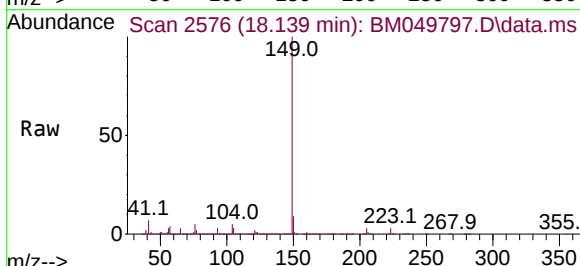
Tgt Ion:149 Resp: 3712455

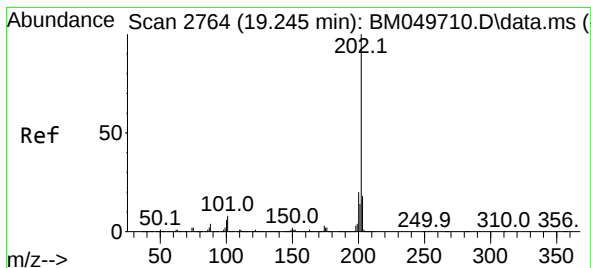
Ion Ratio Lower Upper

149 100

150 9.5 7.2 10.8

104 5.1 3.9 5.9





#75

Fluoranthene

Concen: 56.762 ng

RT: 19.227 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM049797.D

Acq: 02 Apr 2025 19:18

Instrument :

BNA_M

ClientSampleId :

P001-BBDGA-001-01MS

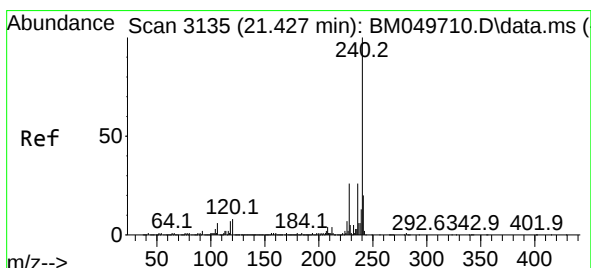
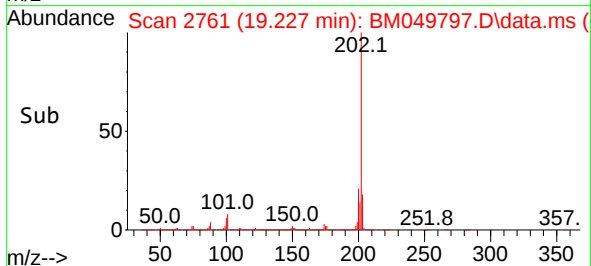
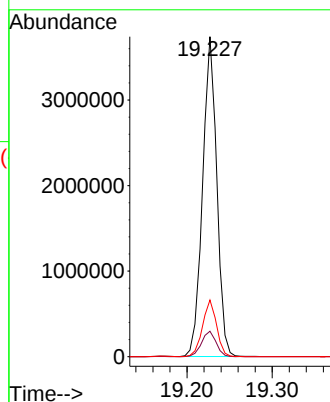
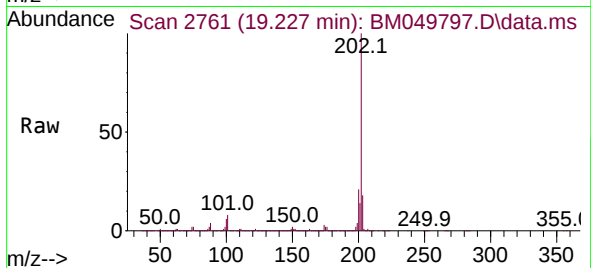
Tgt Ion:202 Resp: 4319512

Ion Ratio Lower Upper

202 100

101 8.0 0.0 27.8

203 17.7 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.403 min Scan# 3131

Delta R.T. -0.024 min

Lab File: BM049797.D

Acq: 02 Apr 2025 19:18

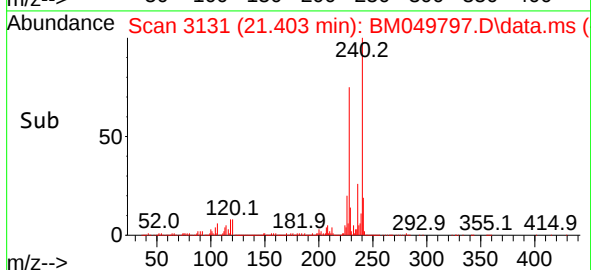
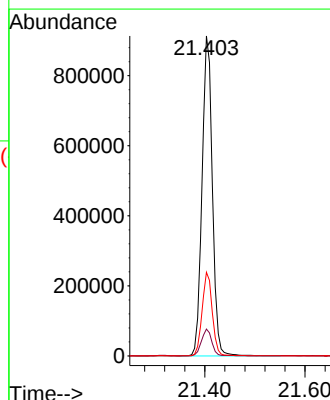
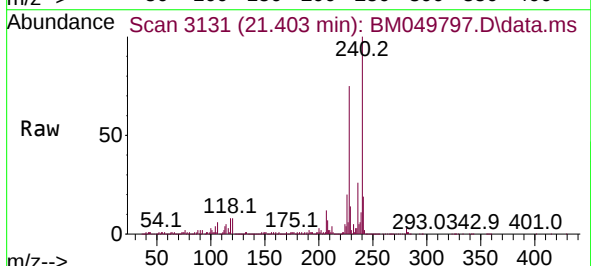
Tgt Ion:240 Resp: 1305132

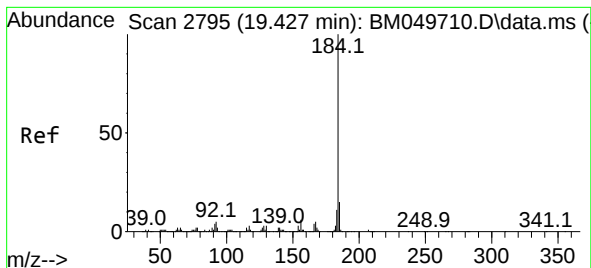
Ion Ratio Lower Upper

240 100

120 8.4 6.5 9.7

236 26.2 20.7 31.1





#77

Benzidine

Concen: 32.305 ng

RT: 19.409 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM049797.D

Acq: 02 Apr 2025 19:18

Instrument :

BNA_M

ClientSampleId :

P001-BBDGA-001-01MS

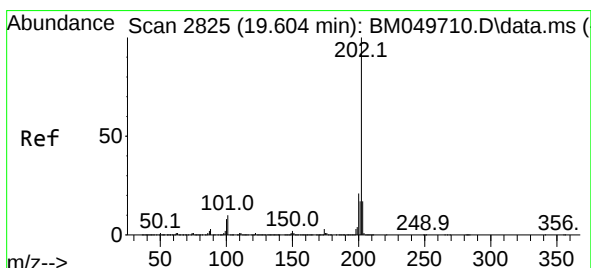
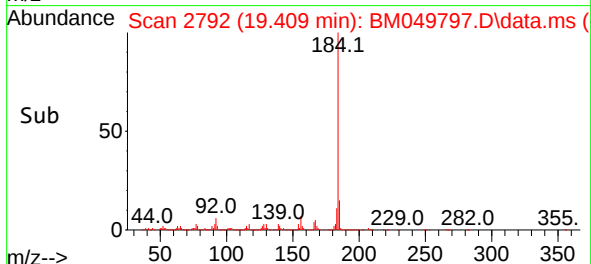
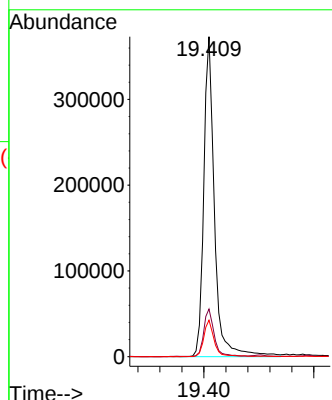
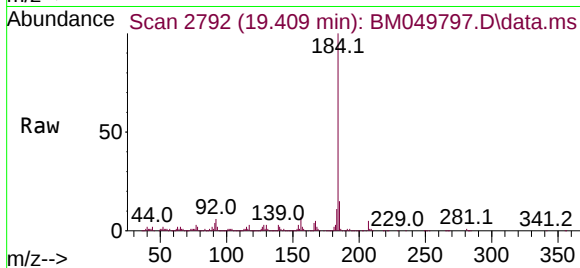
Tgt Ion:184 Resp: 506542

Ion Ratio Lower Upper

184 100

185 14.9 11.7 17.5

183 11.4 8.8 13.2



#78

Pyrene

Concen: 49.710 ng

RT: 19.586 min Scan# 2822

Delta R.T. -0.018 min

Lab File: BM049797.D

Acq: 02 Apr 2025 19:18

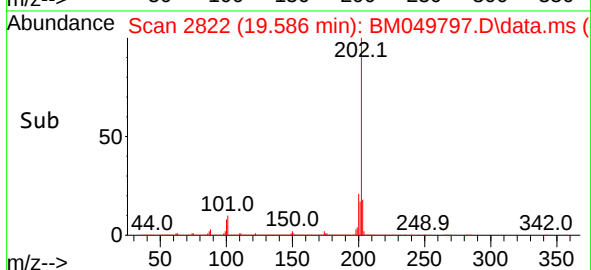
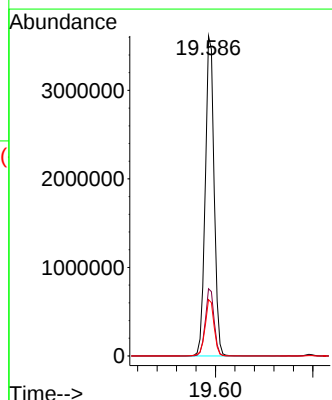
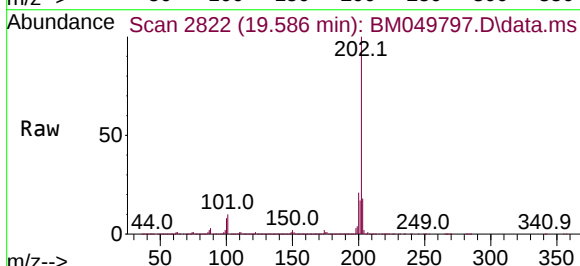
Tgt Ion:202 Resp: 4532729

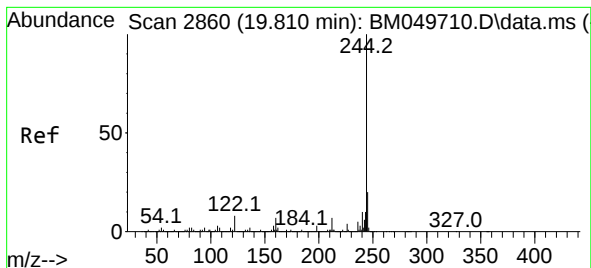
Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.4

203 17.6 14.0 21.0





#79

Terphenyl-d14

Concen: 78.950 ng

RT: 19.792 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM049797.D

Acq: 02 Apr 2025 19:18

Instrument :

BNA_M

ClientSampleId :

P001-BBDGA-001-01MS

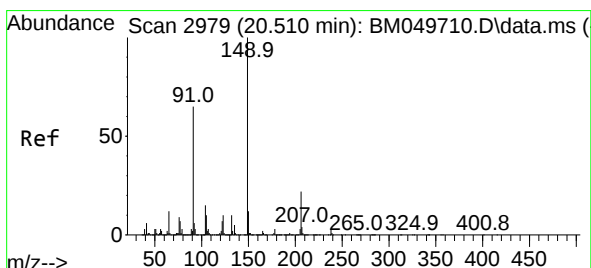
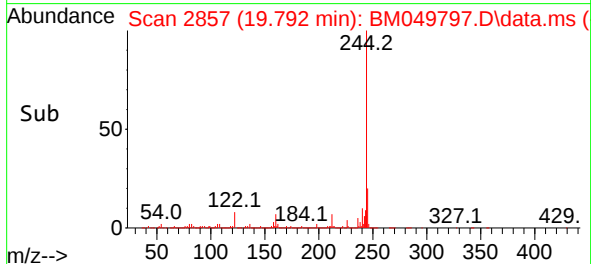
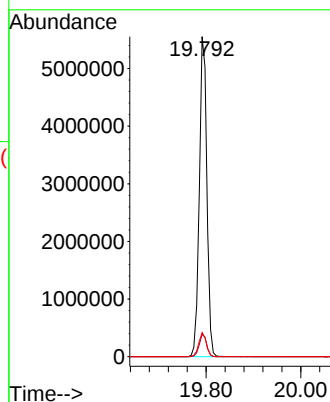
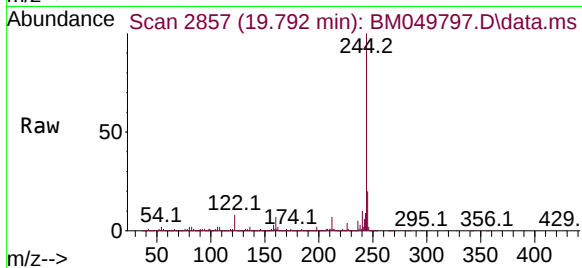
Tgt Ion:244 Resp: 6114689

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 7.6 6.0 9.0



#80

Butylbenzylphthalate

Concen: 57.628 ng

RT: 20.492 min Scan# 2976

Delta R.T. -0.018 min

Lab File: BM049797.D

Acq: 02 Apr 2025 19:18

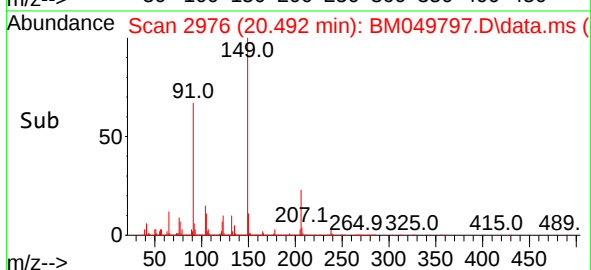
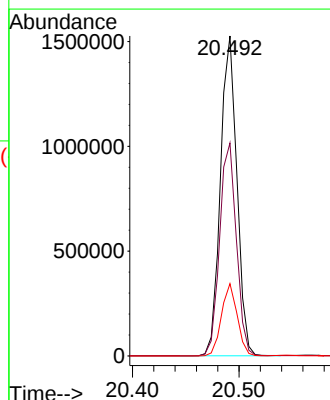
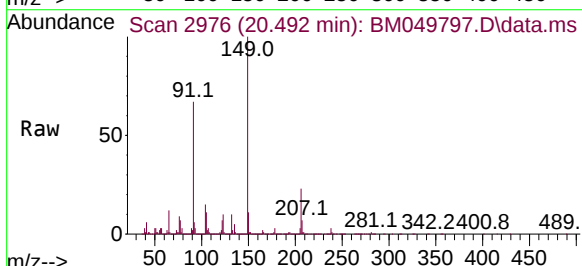
Tgt Ion:149 Resp: 1630738

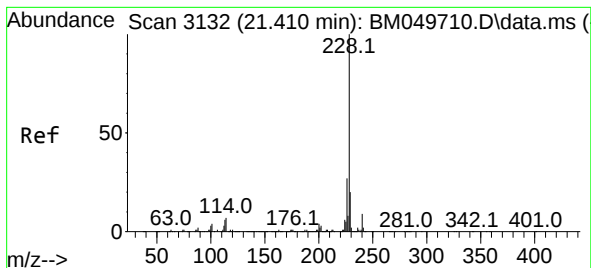
Ion Ratio Lower Upper

149 100

91 66.5 52.2 78.4

206 22.6 17.6 26.4





#81

Benzo(a)anthracene

Concen: 53.455 ng

RT: 21.386 min Scan# 3115

Delta R.T. -0.024 min

Lab File: BM049797.D

Acq: 02 Apr 2025 19:18

Instrument :

BNA_M

ClientSampleId :

P001-BBDGA-001-01MS

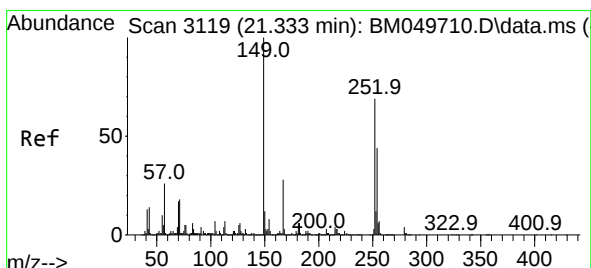
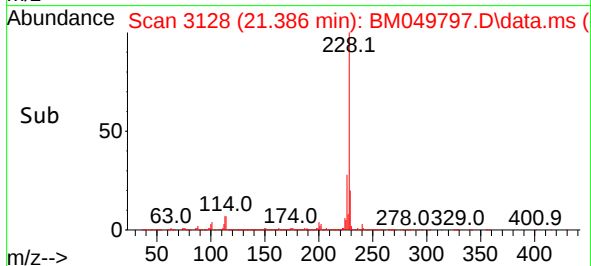
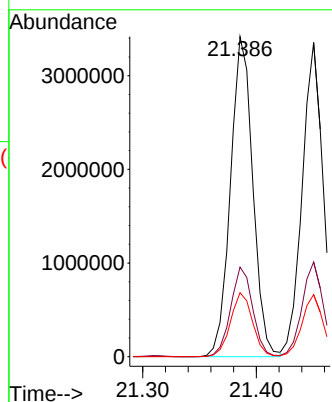
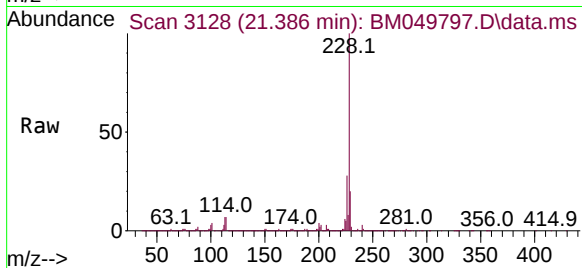
Tgt Ion:228 Resp: 4659926

Ion Ratio Lower Upper

228 100

226 28.0 22.0 33.0

229 20.0 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 32.400 ng

RT: 21.309 min Scan# 3115

Delta R.T. -0.024 min

Lab File: BM049797.D

Acq: 02 Apr 2025 19:18

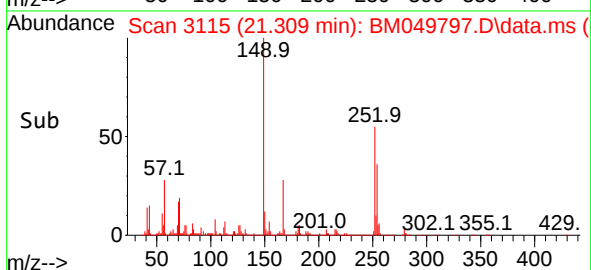
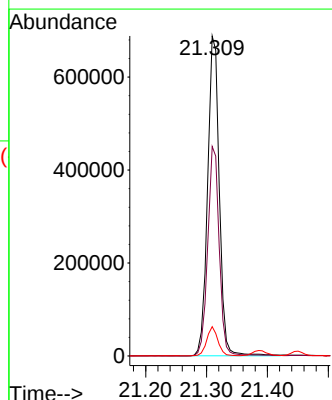
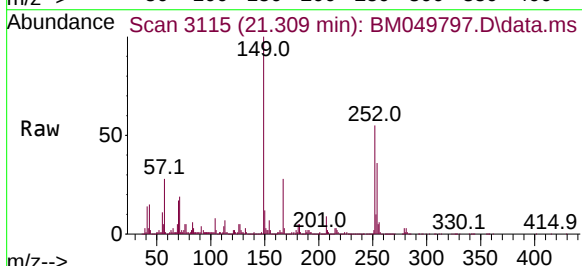
Tgt Ion:252 Resp: 919581

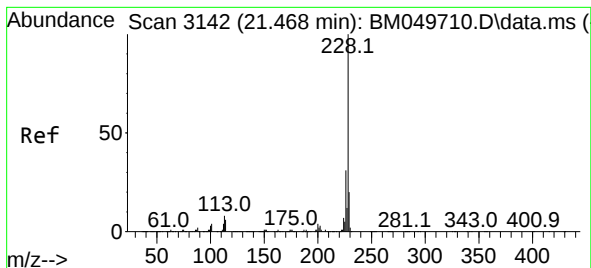
Ion Ratio Lower Upper

252 100

254 65.5 51.0 76.4

126 9.2 6.3 9.5





#83

Chrysene

Concen: 52.459 ng

RT: 21.450 min Scan# 3116

Delta R.T. -0.018 min

Lab File: BM049797.D

Acq: 02 Apr 2025 19:18

Instrument :

BNA_M

ClientSampleId :

P001-BBDGA-001-01MS

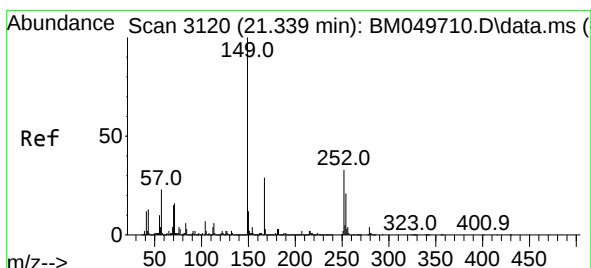
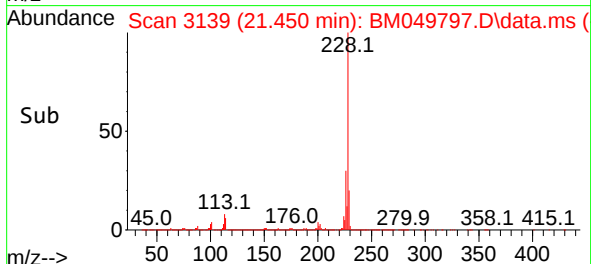
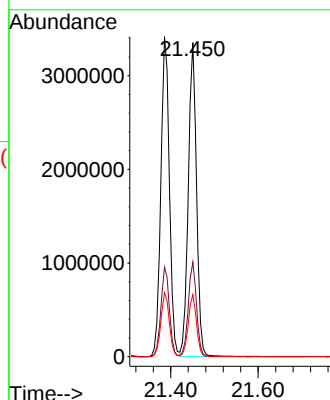
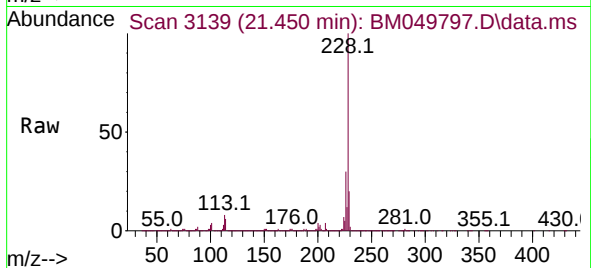
Tgt Ion:228 Resp: 4334970

Ion Ratio Lower Upper

228 100

226 30.1 24.5 36.7

229 19.8 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.949 ng

RT: 21.315 min Scan# 3116

Delta R.T. -0.024 min

Lab File: BM049797.D

Acq: 02 Apr 2025 19:18

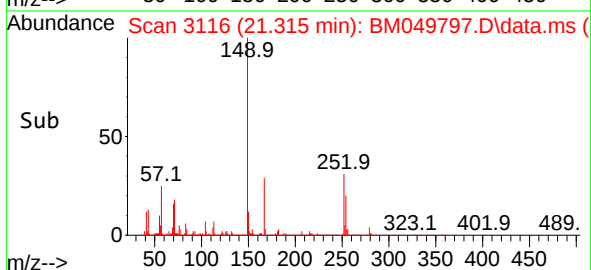
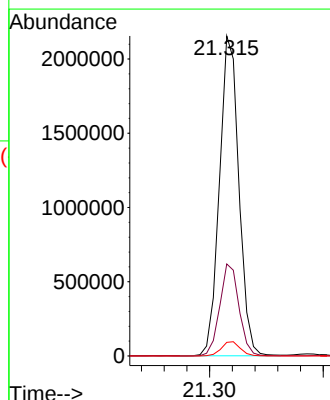
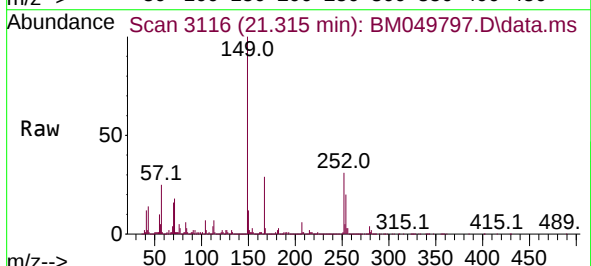
Tgt Ion:149 Resp: 2555614

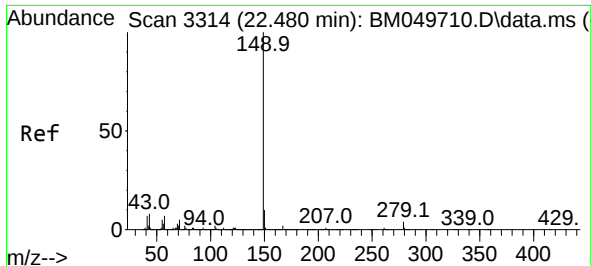
Ion Ratio Lower Upper

149 100

167 28.8 22.9 34.3

279 4.3 3.5 5.3

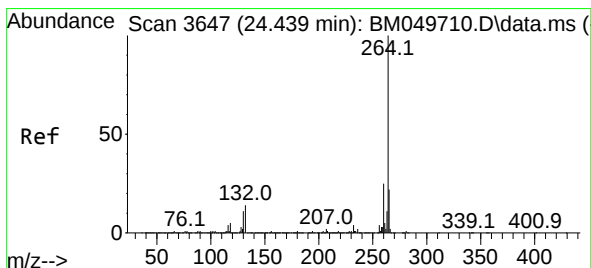
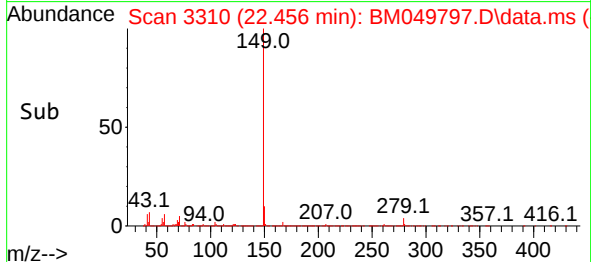
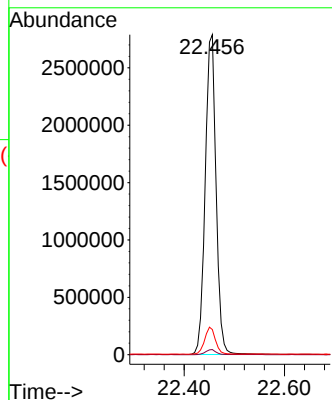
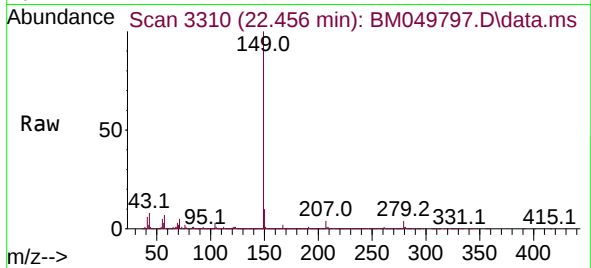




#85
Di-n-octyl phthalate
Concen: 61.085 ng
RT: 22.456 min Scan# 31
Delta R.T. -0.024 min
Lab File: BM049797.D
Acq: 02 Apr 2025 19:18

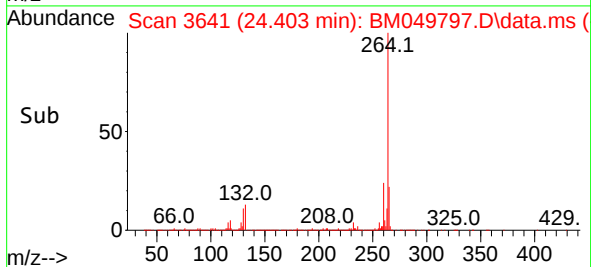
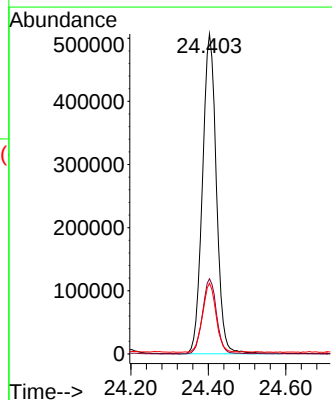
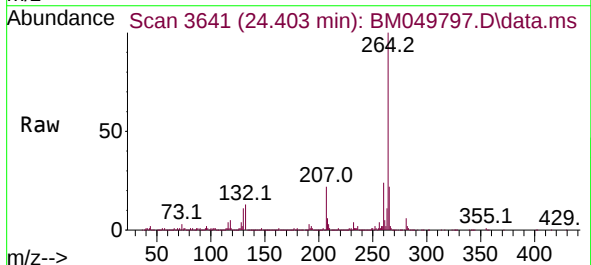
Instrument :
BNA_M
ClientSampleId :
P001-BBDGA-001-01MS

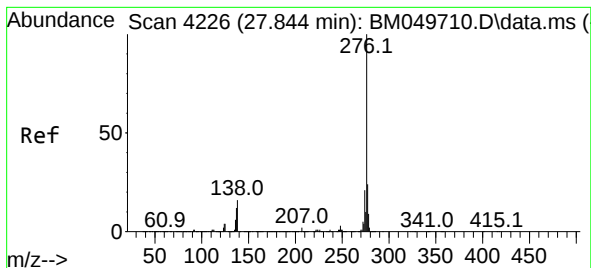
Tgt Ion:149 Resp: 4187106
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 8.4 6.8 10.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.403 min Scan# 3641
Delta R.T. -0.036 min
Lab File: BM049797.D
Acq: 02 Apr 2025 19:18

Tgt Ion:264 Resp: 1260592
Ion Ratio Lower Upper
264 100
260 23.5 19.6 29.4
265 22.1 18.2 27.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 59.221 ng

RT: 27.791 min Scan# 41

Delta R.T. -0.053 min

Lab File: BM049797.D

Acq: 02 Apr 2025 19:18

Instrument :

BNA_M

ClientSampleId :

P001-BBDGA-001-01MS

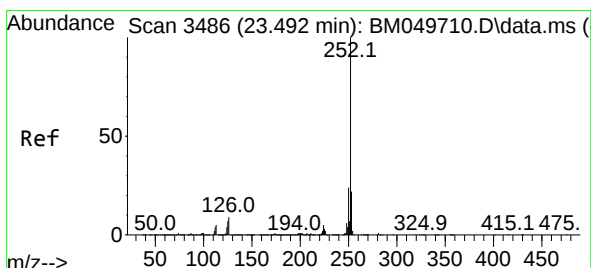
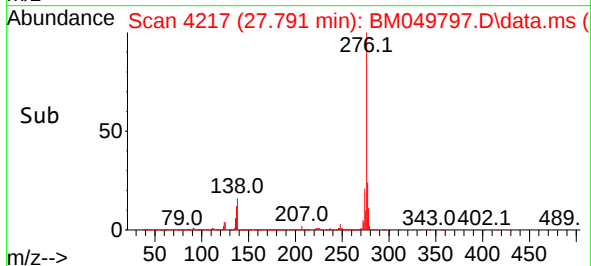
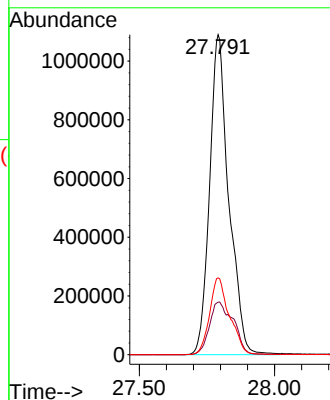
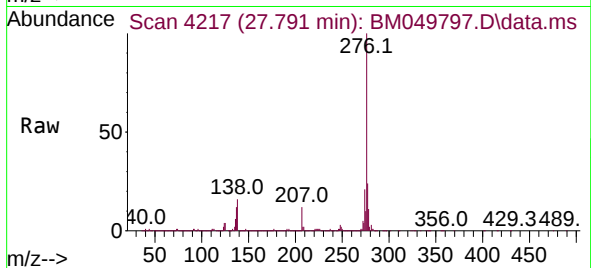
Tgt Ion:276 Resp: 5373215

Ion Ratio Lower Upper

276 100

138 20.5 16.3 24.5

277 25.1 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 52.503 ng

RT: 23.462 min Scan# 3481

Delta R.T. -0.030 min

Lab File: BM049797.D

Acq: 02 Apr 2025 19:18

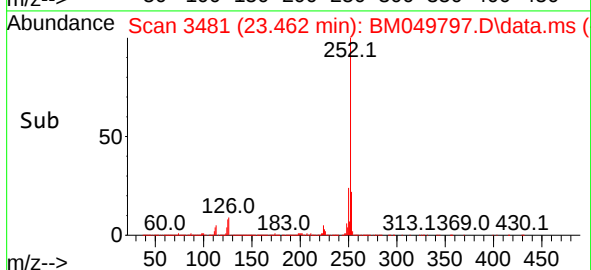
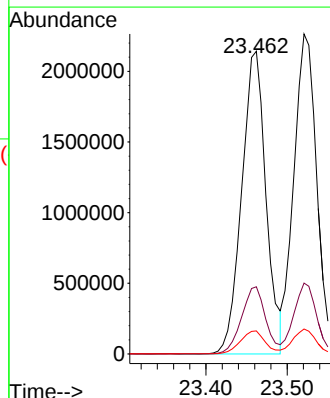
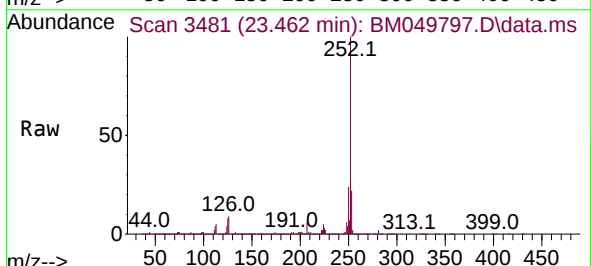
Tgt Ion:252 Resp: 4457784

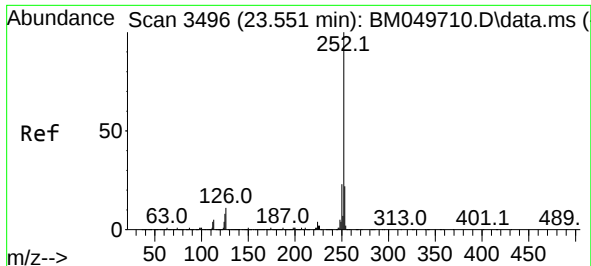
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 7.6 5.9 8.9

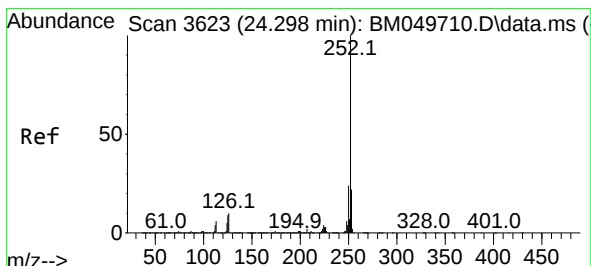
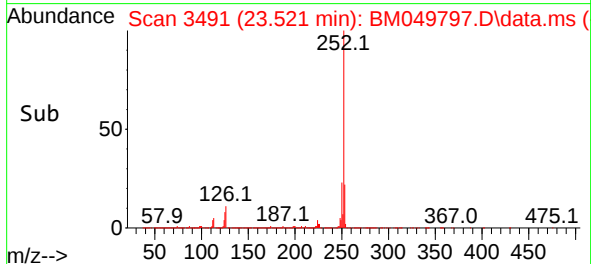
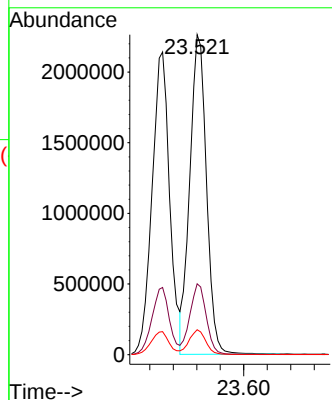
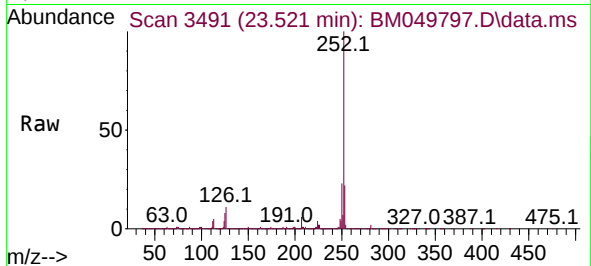




#89
Benzo(k)fluoranthene
Concen: 53.309 ng
RT: 23.521 min Scan# 3496
Delta R.T. -0.030 min
Lab File: BM049797.D
Acq: 02 Apr 2025 19:18

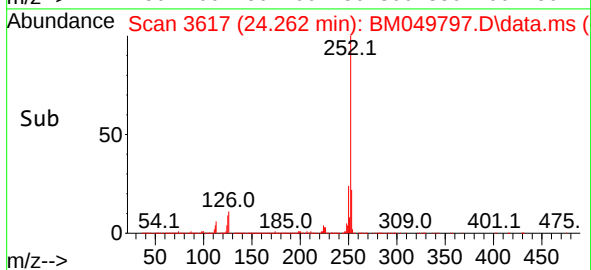
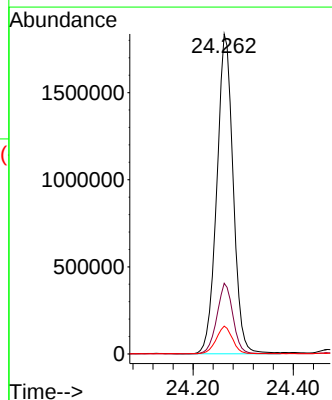
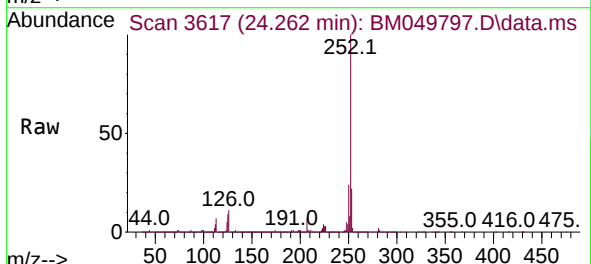
Instrument :
BNA_M
ClientSampleId :
P001-BBDGA-001-01MS

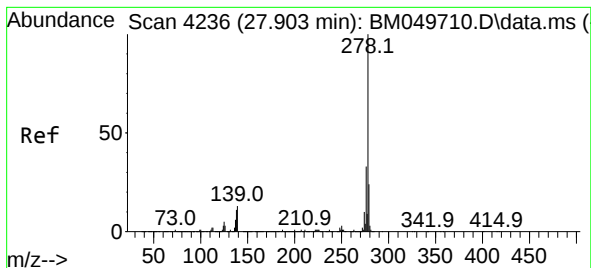
Tgt Ion:252 Resp: 4453739
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 7.8 6.2 9.2



#90
Benzo(a)pyrene
Concen: 58.186 ng
RT: 24.262 min Scan# 3617
Delta R.T. -0.036 min
Lab File: BM049797.D
Acq: 02 Apr 2025 19:18

Tgt Ion:252 Resp: 4149647
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 8.7 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 58.140 ng

RT: 27.844 min Scan# 4395

Delta R.T. -0.059 min

Lab File: BM049797.D

Acq: 02 Apr 2025 19:18

Instrument :

BNA_M

ClientSampleId :

P001-BBDGA-001-01MS

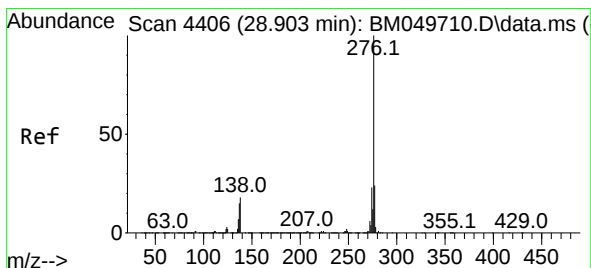
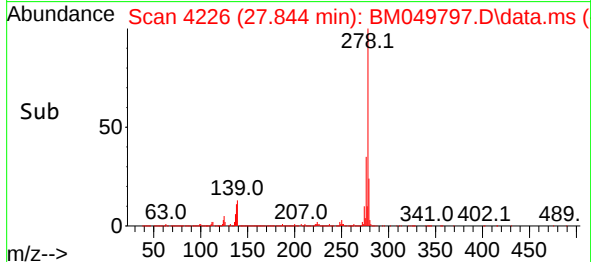
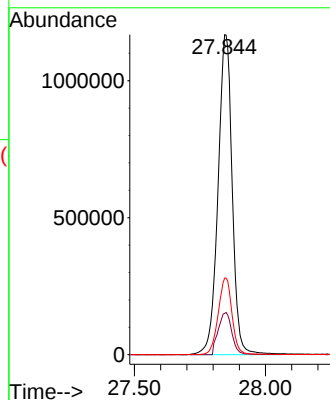
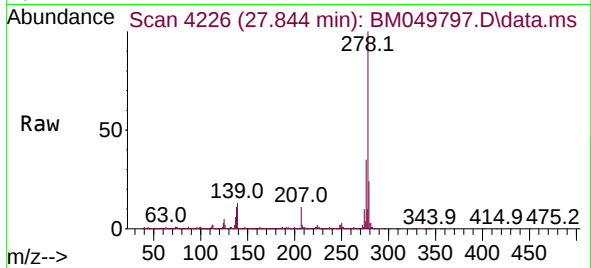
Tgt Ion:278 Resp: 4395031

Ion Ratio Lower Upper

278 100

139 12.9 10.1 15.1

279 23.9 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 55.602 ng

RT: 28.844 min Scan# 4396

Delta R.T. -0.059 min

Lab File: BM049797.D

Acq: 02 Apr 2025 19:18

Tgt Ion:276 Resp: 4233742

Ion Ratio Lower Upper

276 100

277 23.4 18.8 28.2

138 18.4 14.0 21.0

