

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040225\
 Data File : BM049798.D
 Acq On : 02 Apr 2025 19:57
 Operator : RC/JU
 Sample : Q1664-03MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Apr 03 00:49:29 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	7.787	152	300045	20.000	ng	-0.02
21) Naphthalene-d8	10.581	136	1080754	20.000	ng	-0.02
39) Acenaphthene-d10	14.427	164	695223	20.000	ng	-0.02
64) Phenanthrene-d10	17.168	188	1362596	20.000	ng	-0.02
76) Chrysene-d12	21.403	240	1430633	20.000	ng	-0.02
86) Perylene-d12	24.403	264	1371215	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1820570	102.381	ng	-0.02
7) Phenol-d6	6.963	99	2687571	120.433	ng	-0.02
23) Nitrobenzene-d5	8.945	82	1677492	79.690	ng	-0.02
42) 2,4,6-Tribromophenol	15.916	330	750465	92.443	ng	-0.02
45) 2-Fluorobiphenyl	13.051	172	4235386	76.296	ng	-0.02
79) Terphenyl-d14	19.792	244	7040353	82.927	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.269	88	345916	44.936	ng	99
3) Pyridine	3.669	79	950059	48.326	ng	99
4) n-Nitrosodimethylamine	3.575	42	437212	50.262	ng	96
6) Aniline	7.116	93	659532	35.277	ng	99
8) 2-Chlorophenol	7.357	128	978280	55.554	ng	99
9) Benzaldehyde	6.922	77	627661	56.894	ng	100
10) Phenol	6.987	94	1266169	58.515	ng	99
11) bis(2-Chloroethyl)ether	7.210	93	953923	54.440	ng	99
12) 1,3-Dichlorobenzene	7.675	146	1114963	52.100	ng	99
13) 1,4-Dichlorobenzene	7.822	146	1133049	52.482	ng	98
14) 1,2-Dichlorobenzene	8.140	146	1083233	52.795	ng	99
15) Benzyl Alcohol	8.028	79	850861	60.758	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.316	45	1172978	56.956	ng	99
17) 2-Methylphenol	8.234	107	776131	60.415	ng	99
18) Hexachloroethane	8.869	117	405157	53.142	ng	96
19) n-Nitroso-di-n-propyla...	8.598	70	750669	58.011	ng	99
20) 3+4-Methylphenols	8.563	107	1057095	61.402	ng	100
22) Acetophenone	8.610	105	1441971	51.746	ng	99
24) Nitrobenzene	8.987	77	1055337	53.169	ng	98
25) Isophorone	9.516	82	1945511	60.196	ng	99
26) 2-Nitrophenol	9.698	139	478023	56.583	ng	98
27) 2,4-Dimethylphenol	9.763	122	662802	61.636	ng	99
28) bis(2-Chloroethoxy)met...	9.992	93	1222103	53.687	ng	99
29) 2,4-Dichlorophenol	10.234	162	978200	55.826	ng	99
30) 1,2,4-Trichlorobenzene	10.445	180	1105500	50.426	ng	99
31) Naphthalene	10.634	128	2803998	50.456	ng	100
32) Benzoic acid	9.898	122	578987	63.309	ng	98
33) 4-Chloroaniline	10.739	127	389141	20.518	ng	98
34) Hexachlorobutadiene	10.922	225	685013	50.615	ng	98
35) Caprolactam	11.522	113	258516	63.546	ng	97
36) 4-Chloro-3-methylphenol	11.875	107	884772	58.839	ng	100
37) 2-Methylnaphthalene	12.245	142	1861004	47.891	ng	98
38) 1-Methylnaphthalene	12.469	142	1959907	52.276	ng	100
40) 1,2,4,5-Tetrachloroben...	12.616	216	1322932	51.805	ng	98
41) Hexachlorocyclopentadiene	12.604	237	1428020	150.944	ng	99
43) 2,4,6-Trichlorophenol	12.857	196	809368	56.590	ng	99

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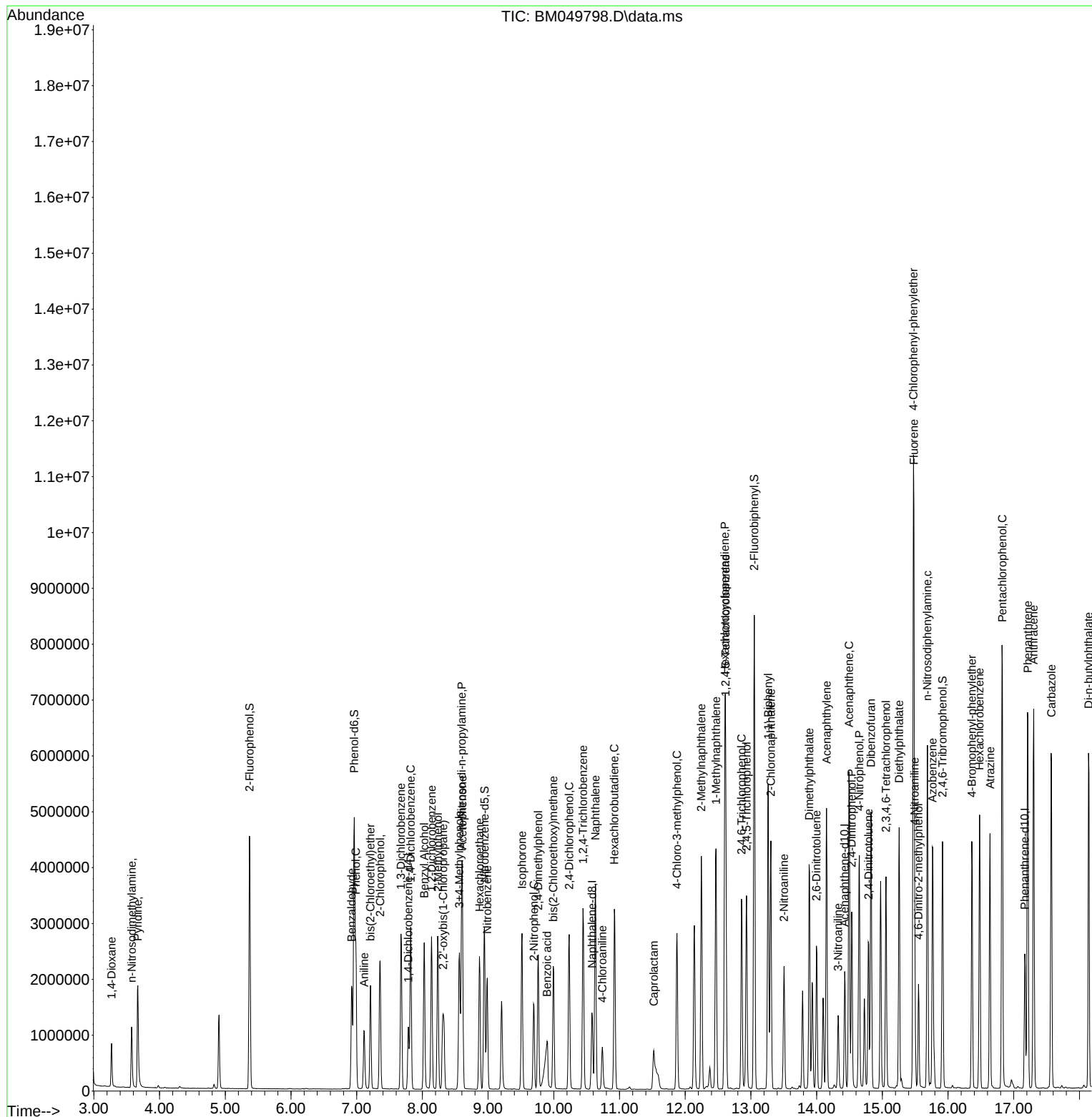
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	890069	57.028	ng	99
46) 1,1'-Biphenyl	13.263	154	2735288	51.049	ng	99
47) 2-Chloronaphthalene	13.304	162	2152277	51.606	ng	99
48) 2-Nitroaniline	13.504	65	564926	60.340	ng	99
49) Acenaphthylene	14.151	152	3322494	56.993	ng	100
50) Dimethylphthalate	13.886	163	2554966	53.378	ng	99
51) 2,6-Dinitrotoluene	13.998	165	538495	56.147	ng	98
52) Acenaphthene	14.492	154	1968455	51.478	ng	99
53) 3-Nitroaniline	14.327	138	314639	34.475	ng	95
54) 2,4-Dinitrophenol	14.533	184	653721	98.061	ng	98
55) Dibenzofuran	14.827	168	3199926	50.220	ng	99
56) 4-Nitrophenol	14.651	139	1019822	128.370	ng	98
57) 2,4-Dinitrotoluene	14.792	165	753182	61.030	ng	99
58) Fluorene	15.480	166	2821256	54.383	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.057	232	742619	56.842	ng	99
60) Diethylphthalate	15.257	149	2463725	54.651	ng	99
61) 4-Chlorophenyl-phenyle...	15.474	204	1522216	53.735	ng	99
62) 4-Nitroaniline	15.492	138	527095	48.498	ng	99
63) Azobenzene	15.763	77	2488700	57.796	ng	99
65) 4,6-Dinitro-2-methylph...	15.551	198	404706	53.086	ng	92
66) n-Nitrosodiphenylamine	15.686	169	2194801	53.164	ng	98
67) 4-Bromophenyl-phenylether	16.363	248	847792	53.889	ng	98
68) Hexachlorobenzene	16.480	284	954172	53.935	ng	99
69) Atrazine	16.639	200	798537	87.768	ng	99
70) Pentachlorophenol	16.827	266	1368549	123.098	ng	99
71) Phenanthrene	17.215	178	4147164	54.812	ng	100
72) Anthracene	17.304	178	4049681	55.267	ng	100
73) Carbazole	17.574	167	3725531	56.141	ng	100
74) Di-n-butylphthalate	18.139	149	4284273	58.904	ng	99
75) Fluoranthene	19.227	202	5038510	57.842	ng	100
77) Benzidine	19.409	184	559238	32.537	ng	99
78) Pyrene	19.592	202	5222522	52.250	ng	100
80) Butylbenzylphthalate	20.492	149	1893502	61.043	ng	98
81) Benzo(a)anthracene	21.386	228	5221360	54.641	ng	100
82) 3,3'-Dichlorobenzidine	21.309	252	944757	30.367	ng	98
83) Chrysene	21.450	228	4796380	52.951	ng	100
84) Bis(2-ethylhexyl)phtha...	21.315	149	2889532	59.773	ng	100
85) Di-n-octyl phthalate	22.456	149	4646221	61.837	ng	99
87) Indeno(1,2,3-cd)pyrene	27.791	276	5653397	57.282	ng	100
88) Benzo(b)fluoranthene	23.462	252	4935088	53.435	ng	99
89) Benzo(k)fluoranthene	23.521	252	4892618	53.838	ng	99
90) Benzo(a)pyrene	24.262	252	4567868	58.883	ng	99
91) Dibenzo(a,h)anthracene	27.844	278	4652577	56.582	ng	99
92) Benzo(g,h,i)perylene	28.844	276	4415458	53.310	ng	100

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

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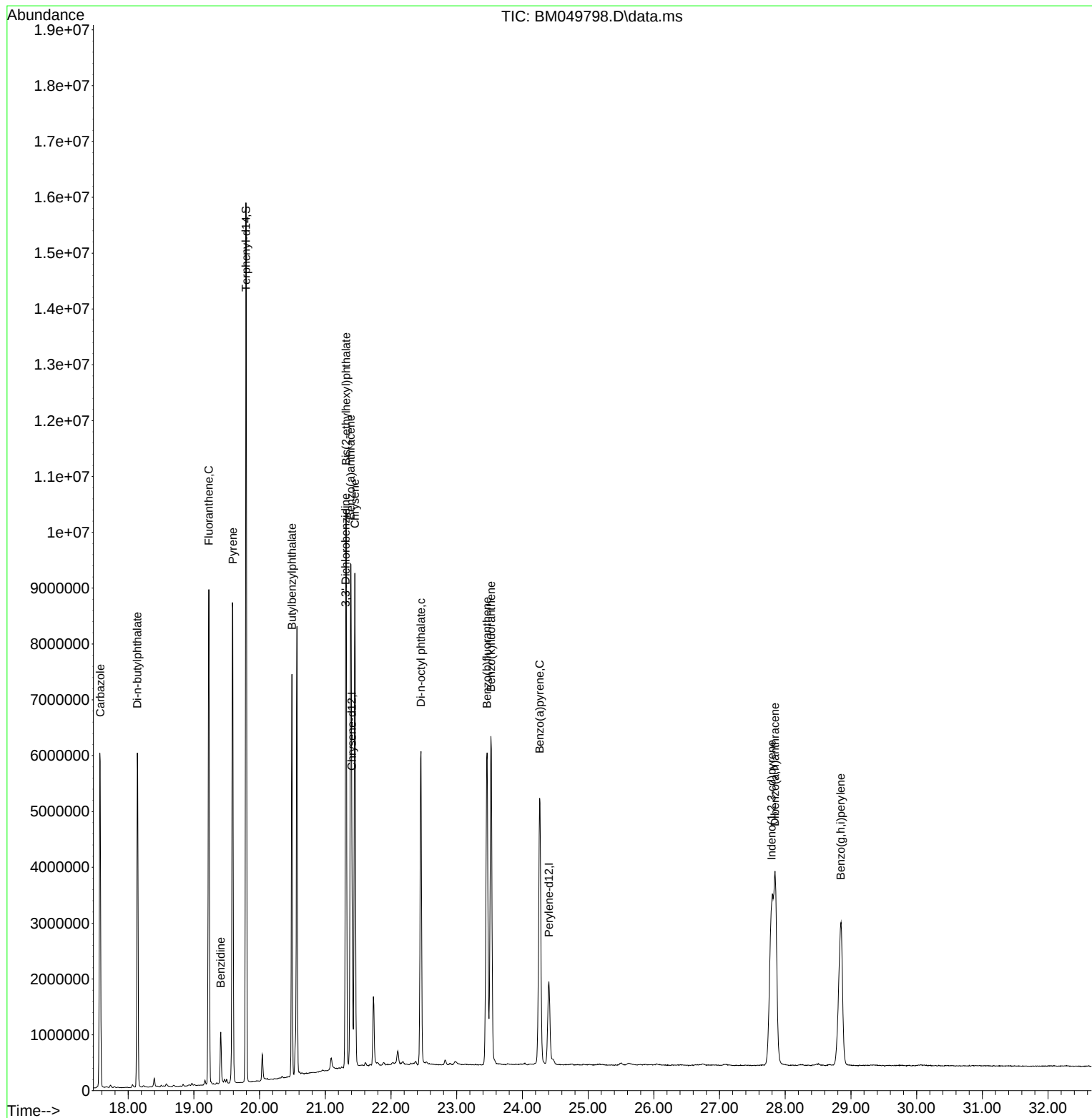
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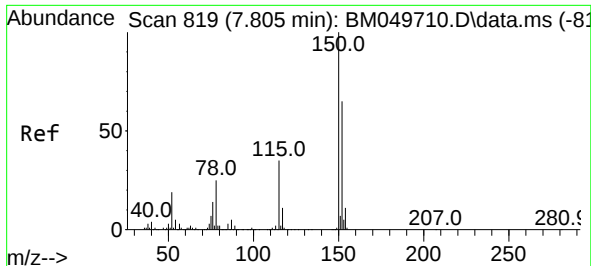


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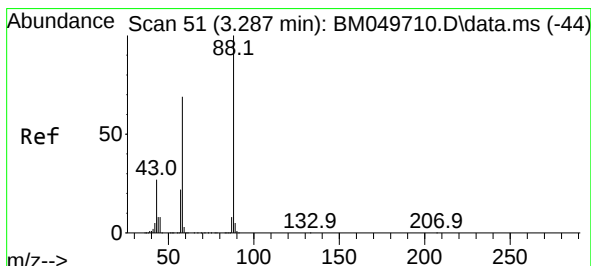
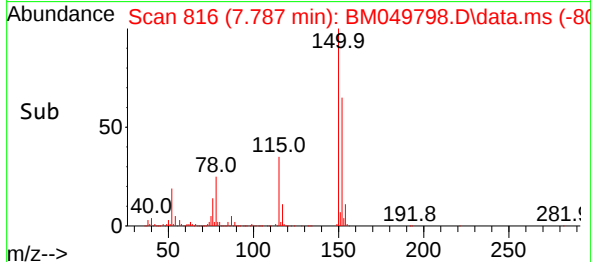
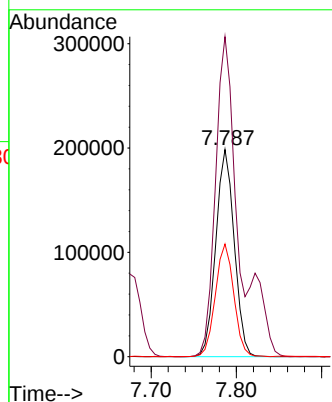
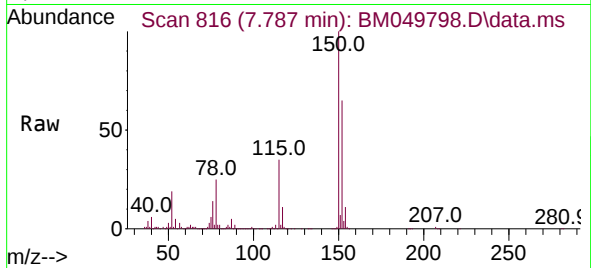




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.787 min Scan# 81
 Delta R.T. -0.018 min
 Lab File: BM049798.D
 Acq: 02 Apr 2025 19:57

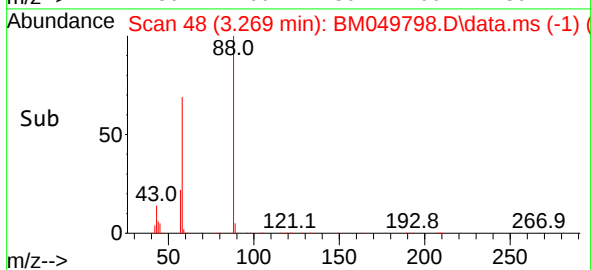
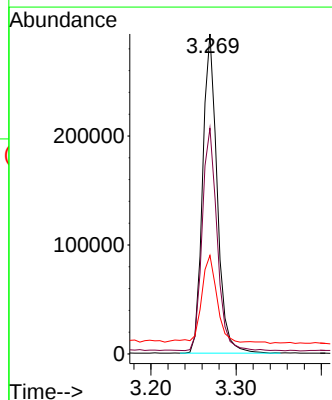
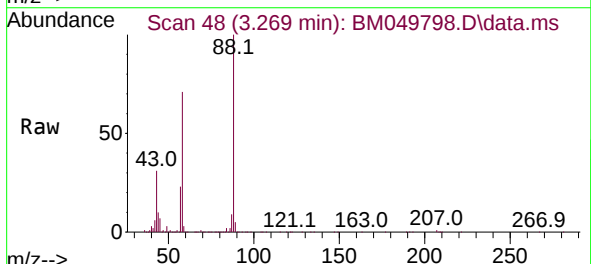
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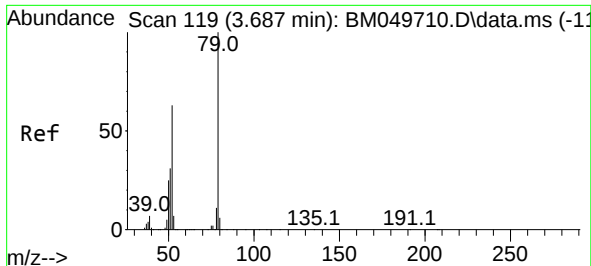
Tgt Ion:152 Resp: 300045
 Ion Ratio Lower Upper
 152 100
 150 154.4 123.8 185.8
 115 54.4 43.0 64.6



#2
 1,4-Dioxane
 Concen: 44.936 ng
 RT: 3.269 min Scan# 48
 Delta R.T. -0.018 min
 Lab File: BM049798.D
 Acq: 02 Apr 2025 19:57

Tgt Ion: 88 Resp: 345916
 Ion Ratio Lower Upper
 88 100
 58 72.1 56.7 85.1
 43 28.2 22.6 34.0



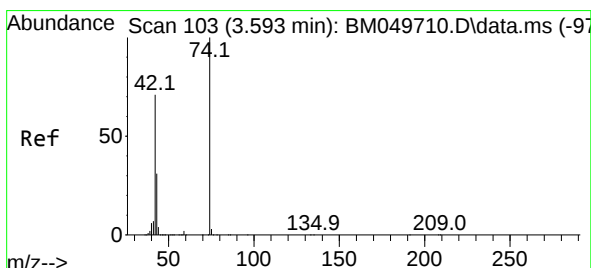
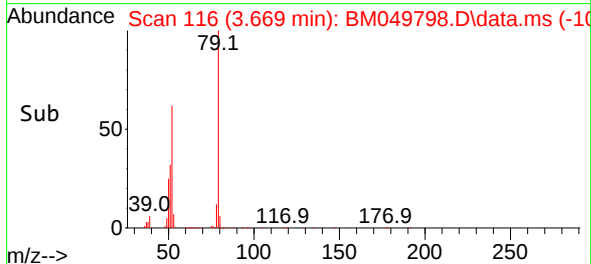
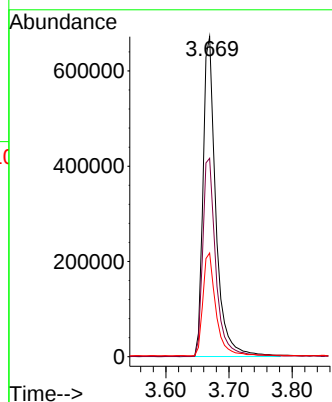
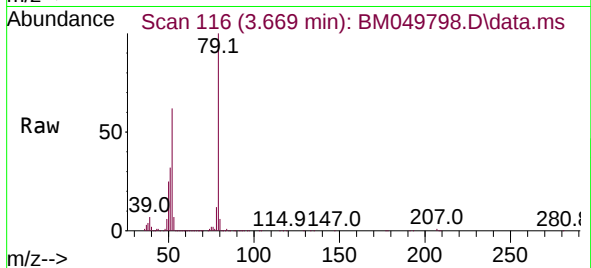


#3
 Pyridine
 Concen: 48.326 ng
 RT: 3.669 min Scan# 11
 Delta R.T. -0.018 min
 Lab File: BM049798.D
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Tgt Ion: 79 Resp: 950059

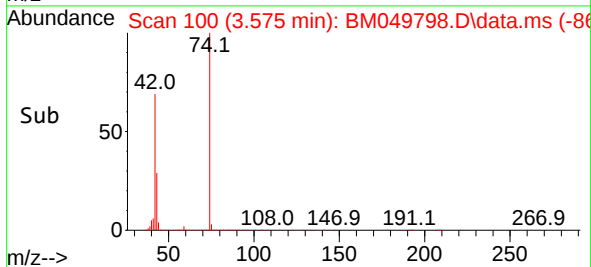
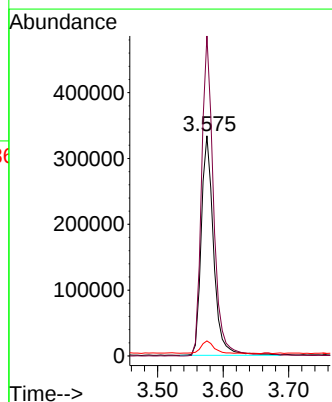
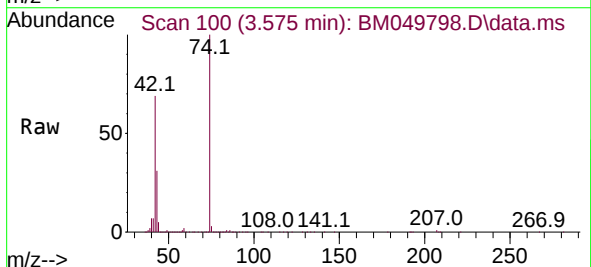
Ion	Ratio	Lower	Upper
79	100		
52	62.0	50.1	75.1
51	32.4	25.2	37.8

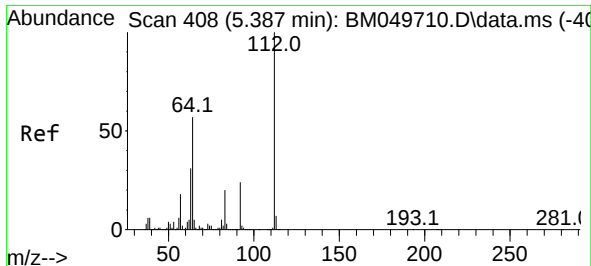


#4
 n-Nitrosodimethylamine
 Concen: 50.262 ng
 RT: 3.575 min Scan# 100
 Delta R.T. -0.018 min
 Lab File: BM049798.D
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Tgt Ion: 42 Resp: 437212

Ion	Ratio	Lower	Upper
42	100		
74	145.4	112.6	168.8
44	6.8	5.0	7.6

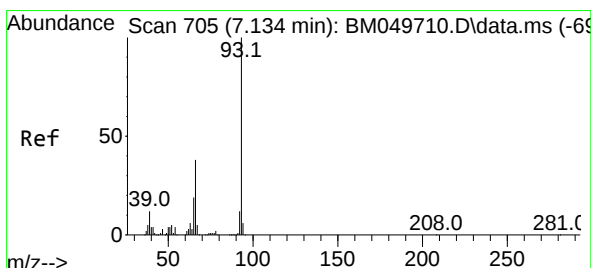
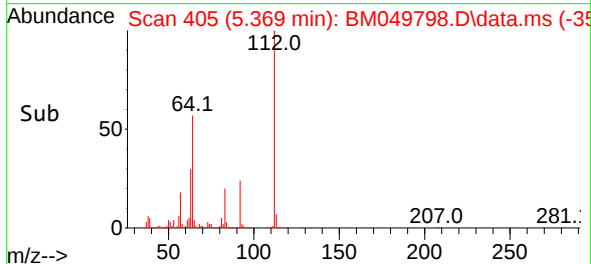
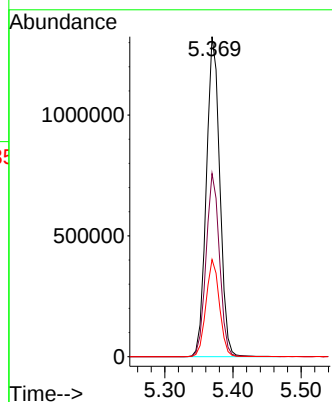
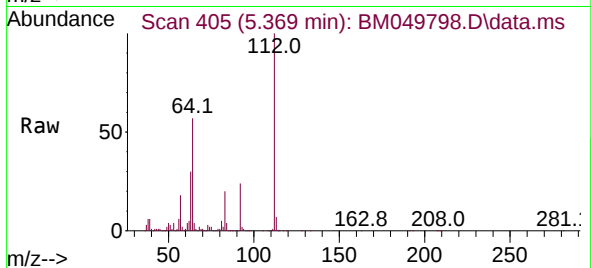




#5
2-Fluorophenol
Concen: 102.381 ng
RT: 5.369 min Scan# 408
Delta R.T. -0.018 min
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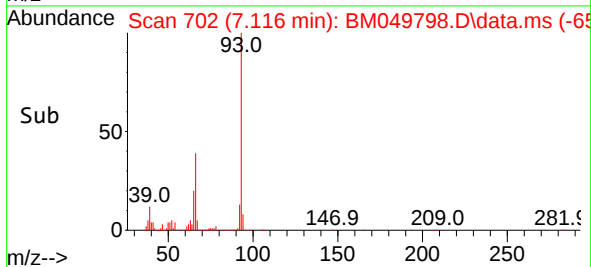
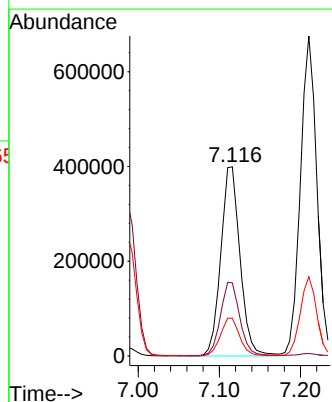
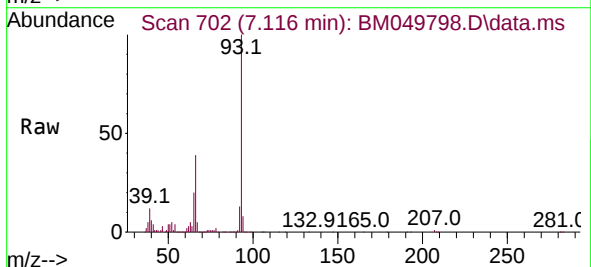
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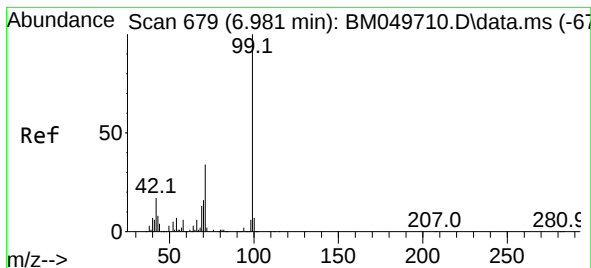
Tgt Ion:112 Resp: 1820570
Ion Ratio Lower Upper
112 100
64 57.2 45.3 67.9
63 30.3 24.4 36.6



#6
Aniline
Concen: 35.277 ng
RT: 7.116 min Scan# 702
Delta R.T. -0.018 min
Lab File: BM049798.D
Acq: 02 Apr 2025 19:57

Tgt Ion: 93 Resp: 659532
Ion Ratio Lower Upper
93 100
66 38.7 30.6 46.0
65 20.0 15.4 23.2





#7

Phenol-d6

Concen: 120.433 ng

RT: 6.963 min Scan# 61

Delta R.T. -0.018 min

Lab File: BM049798.D

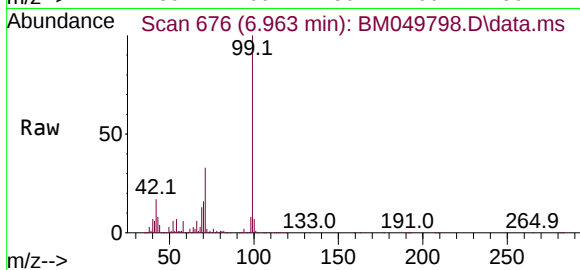
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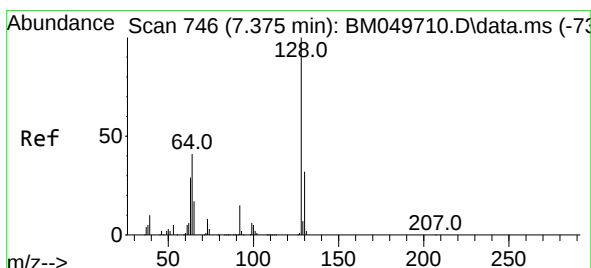
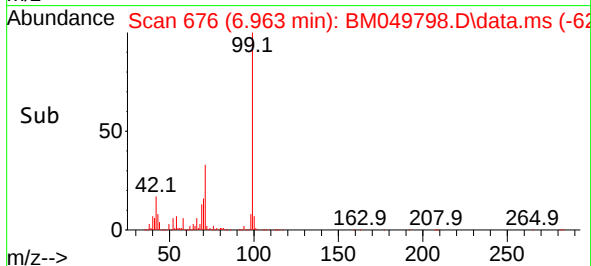
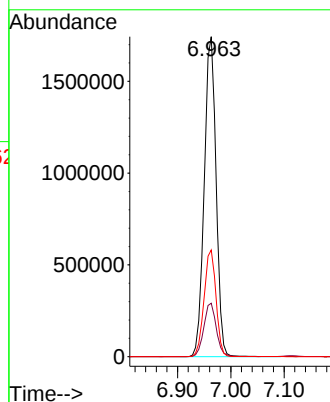
Tgt Ion: 99 Resp: 2687571

Ion Ratio Lower Upper

99 100

42 16.7 13.6 20.4

71 33.3 27.0 40.6



#8

2-Chlorophenol

Concen: 55.554 ng

RT: 7.357 min Scan# 743

Delta R.T. -0.018 min

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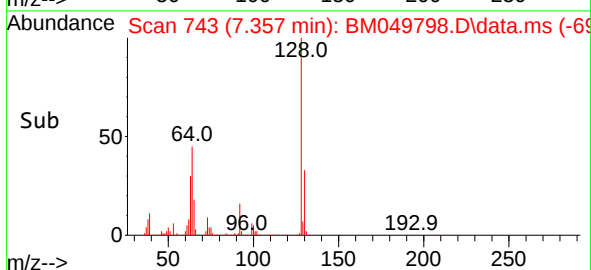
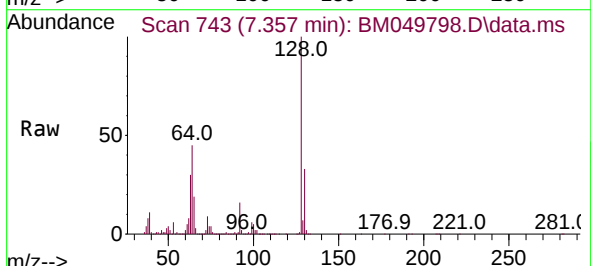
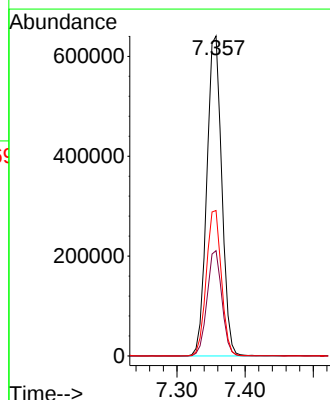
Tgt Ion:128 Resp: 978280

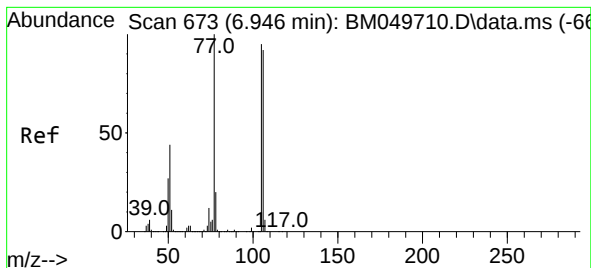
Ion Ratio Lower Upper

128 100

130 32.9 12.5 52.5

64 45.5 24.9 64.9

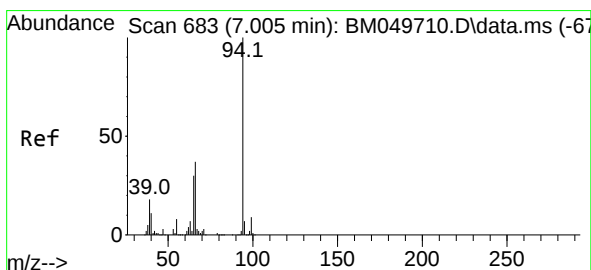
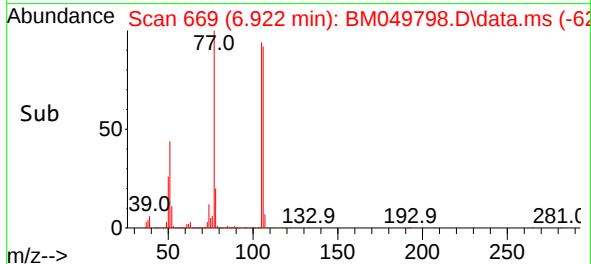
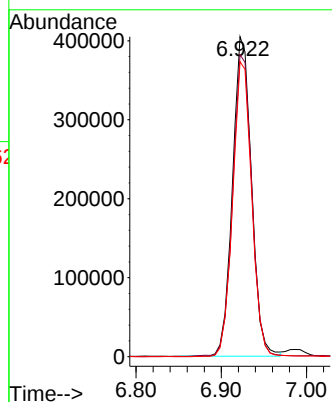
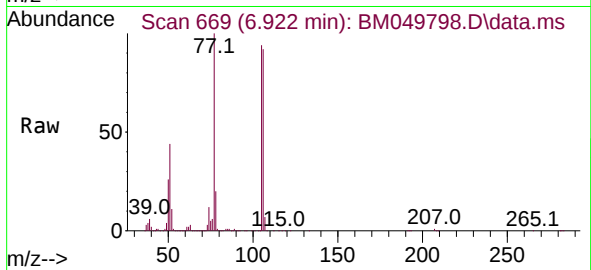




#9
Benzaldehyde
Concen: 56.894 ng
RT: 6.922 min Scan# 609
Delta R.T. -0.024 min
Lab File: BM049798.D
Acq: 02 Apr 2025 19:57

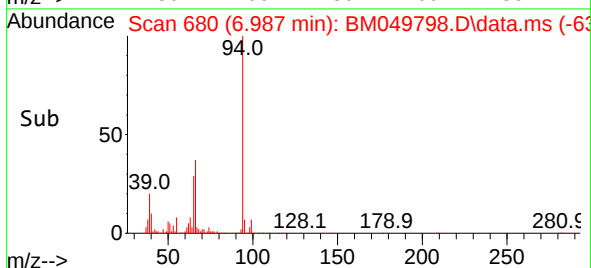
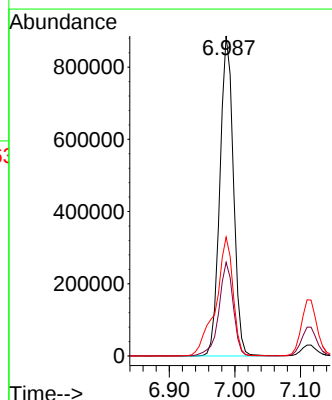
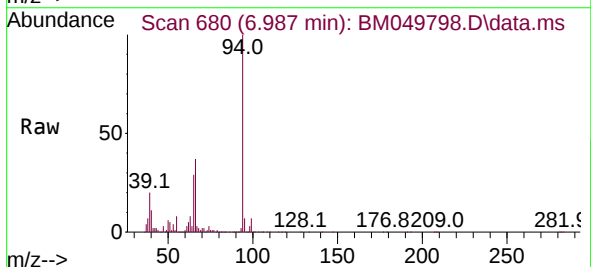
Instrument :
BNA_M
ClientSampleId :
P001-BBDGA-001-01MSD

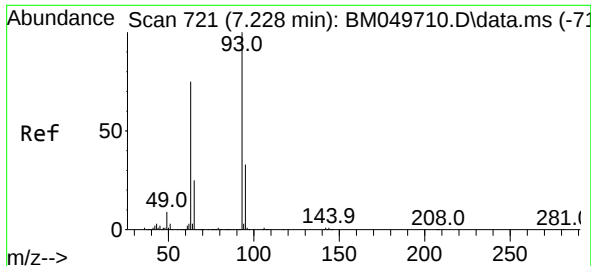
Tgt Ion: 77 Resp: 627661
Ion Ratio Lower Upper
77 100
105 94.3 75.0 115.0
106 92.2 72.3 112.3



#10
Phenol
Concen: 58.515 ng
RT: 6.987 min Scan# 680
Delta R.T. -0.018 min
Lab File: BM049798.D
Acq: 02 Apr 2025 19:57

Tgt Ion: 94 Resp: 1266169
Ion Ratio Lower Upper
94 100
65 29.2 10.4 50.4
66 37.2 17.1 57.1

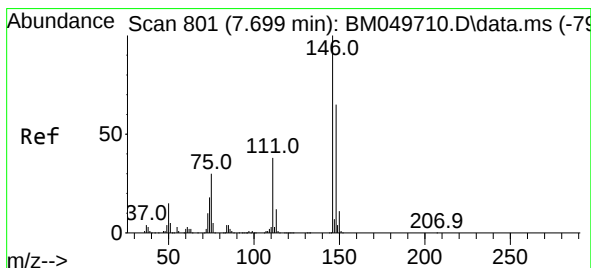
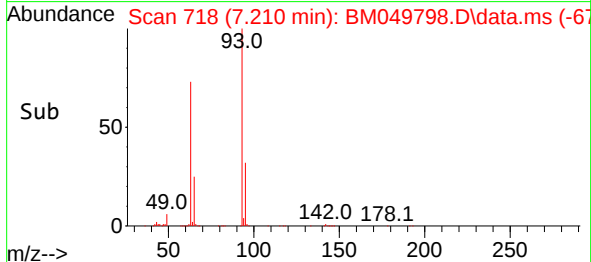
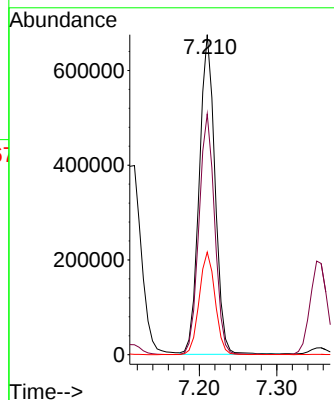
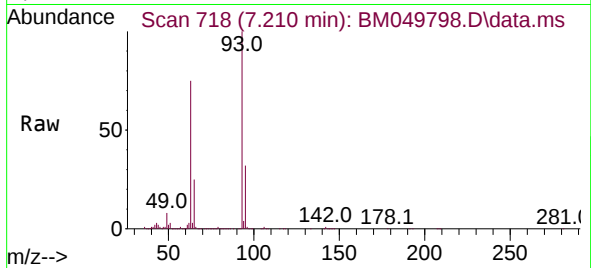




#11
bis(2-Chloroethyl)ether
Concen: 54.440 ng
RT: 7.210 min Scan# 718
Delta R.T. -0.018 min
Lab File: BM049798.D
Acq: 02 Apr 2025 19:57

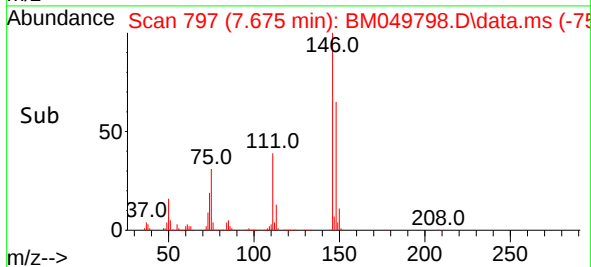
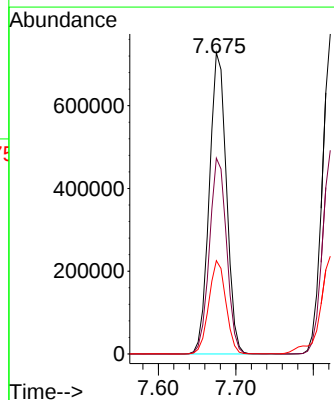
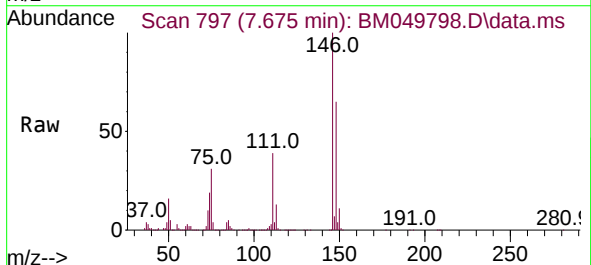
Instrument :
BNA_M
ClientSampleId :
P001-BBDGA-001-01MSD

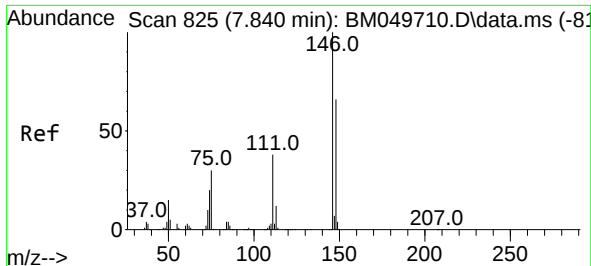
Tgt Ion: 93 Resp: 953923
Ion Ratio Lower Upper
93 100
63 75.2 54.8 94.8
95 32.1 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 52.100 ng
RT: 7.675 min Scan# 797
Delta R.T. -0.024 min
Lab File: BM049798.D
Acq: 02 Apr 2025 19:57

Tgt Ion:146 Resp: 1114963
Ion Ratio Lower Upper
146 100
148 65.0 52.3 78.5
75 31.0 24.2 36.2

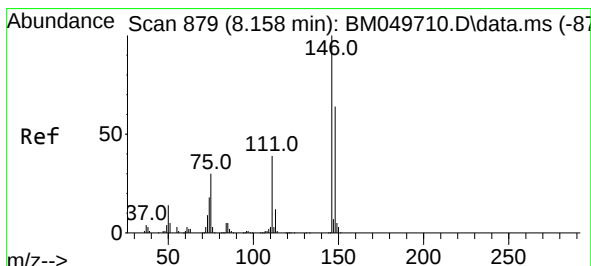
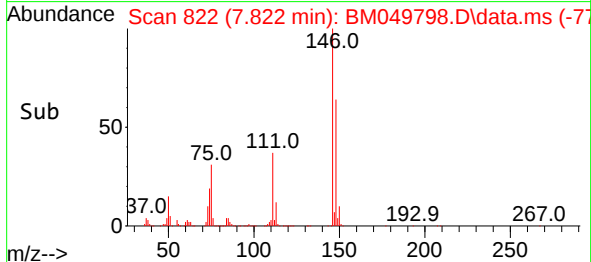
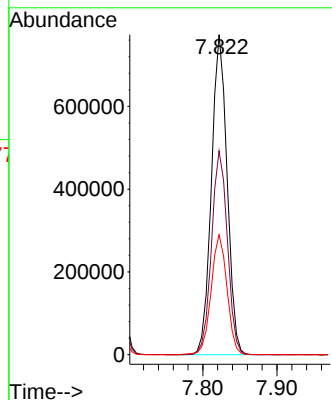
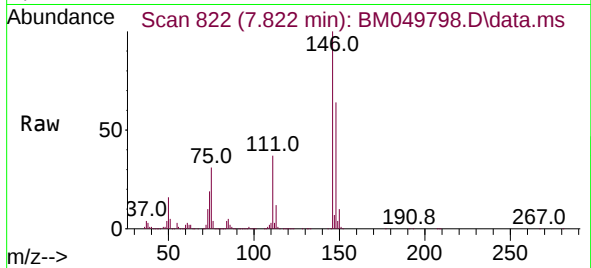




#13
1,4-Dichlorobenzene
Concen: 52.482 ng
RT: 7.822 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM049798.D
Acq: 02 Apr 2025 19:57

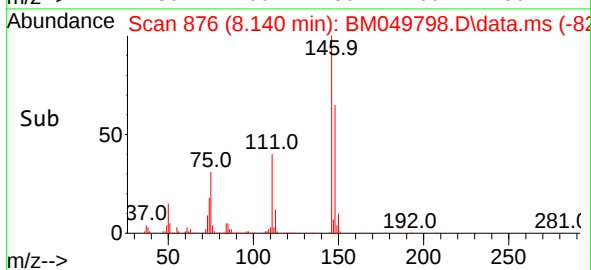
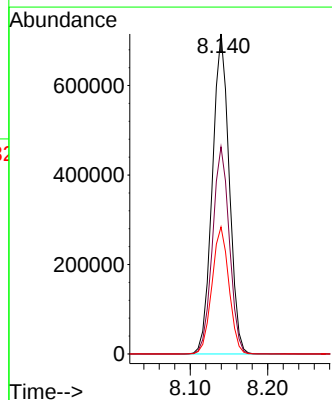
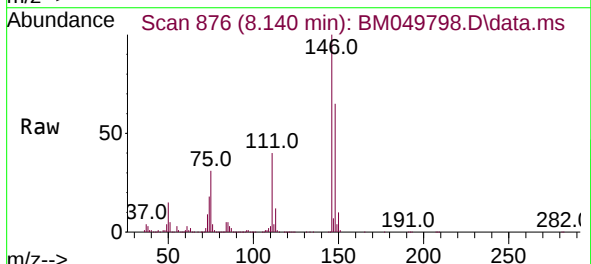
Instrument :
BNA_M
ClientSampleId :
P001-BBDGA-001-01MSD

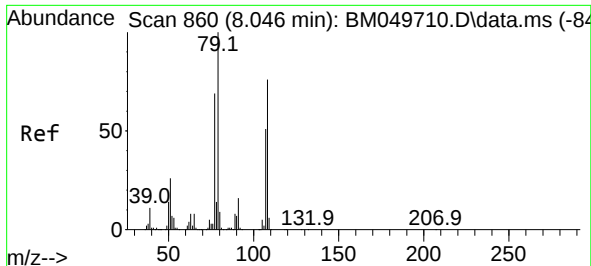
Tgt Ion:146 Resp: 1133049
Ion Ratio Lower Upper
146 100
148 63.6 52.6 79.0
111 37.5 30.8 46.2



#14
1,2-Dichlorobenzene
Concen: 52.795 ng
RT: 8.140 min Scan# 876
Delta R.T. -0.018 min
Lab File: BM049798.D
Acq: 02 Apr 2025 19:57

Tgt Ion:146 Resp: 1083233
Ion Ratio Lower Upper
146 100
148 64.8 50.9 76.3
111 39.7 31.0 46.6

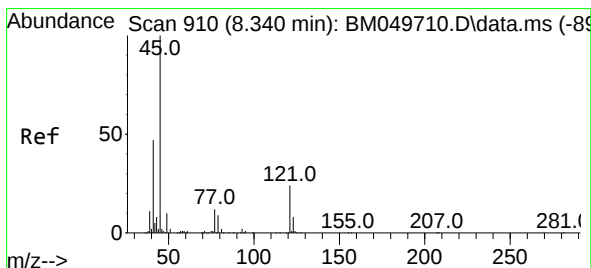
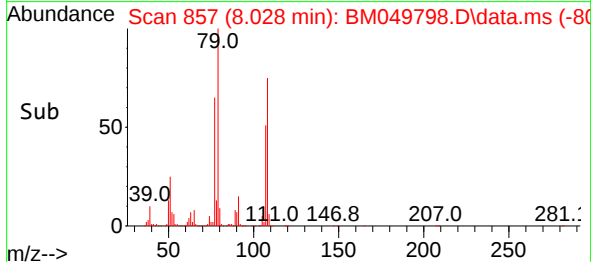
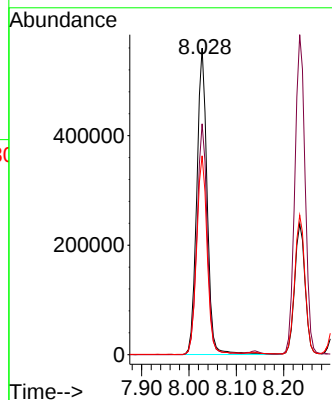
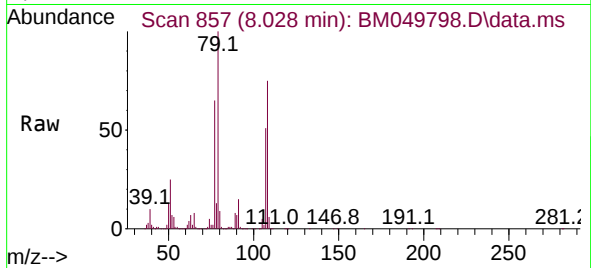




#15
Benzyl Alcohol
Concen: 60.758 ng
RT: 8.028 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM049798.D
Acq: 02 Apr 2025 19:57

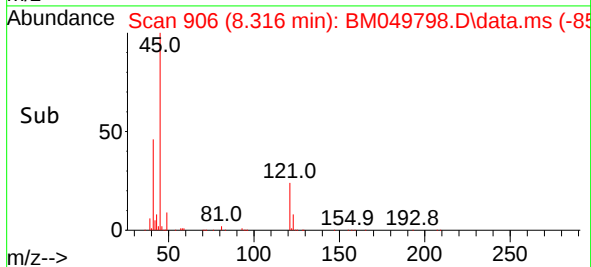
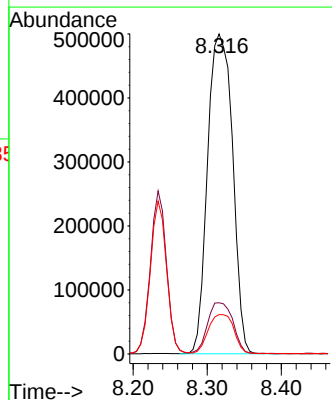
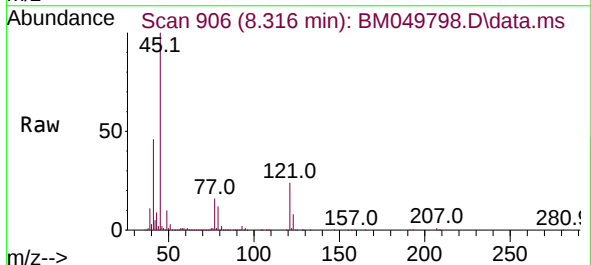
Instrument :
BNA_M
ClientSampleId :
P001-BBDGA-001-01MSD

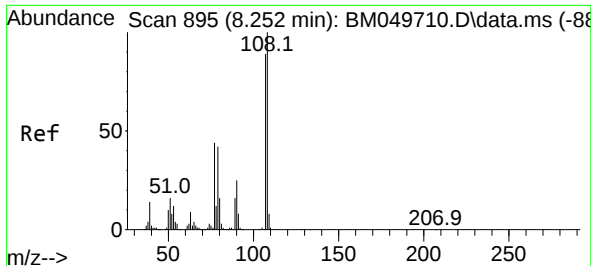
Tgt Ion: 79 Resp: 850861
Ion Ratio Lower Upper
79 100
108 75.3 60.7 91.1
77 64.9 55.4 83.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 56.956 ng
RT: 8.316 min Scan# 906
Delta R.T. -0.024 min
Lab File: BM049798.D
Acq: 02 Apr 2025 19:57

Tgt Ion: 45 Resp: 1172978
Ion Ratio Lower Upper
45 100
77 16.0 0.0 36.1
79 12.3 0.0 32.8

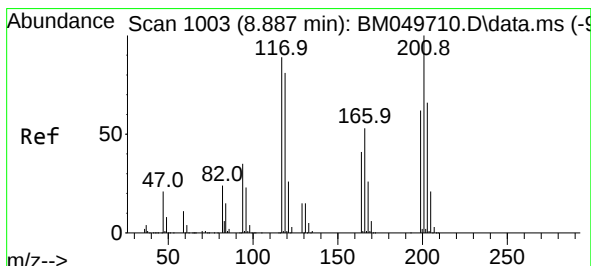
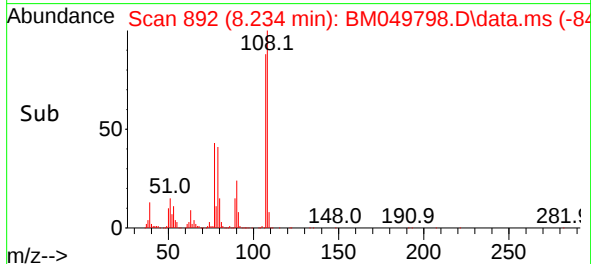
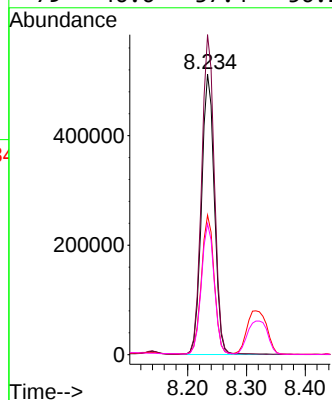
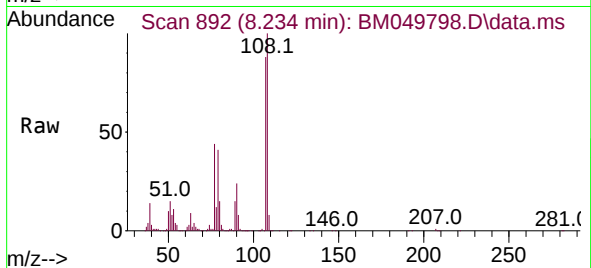




#17
2-Methylphenol
Concen: 60.415 ng
RT: 8.234 min Scan# 895
Delta R.T. -0.018 min
Lab File: BM049798.D
Acq: 02 Apr 2025 19:57

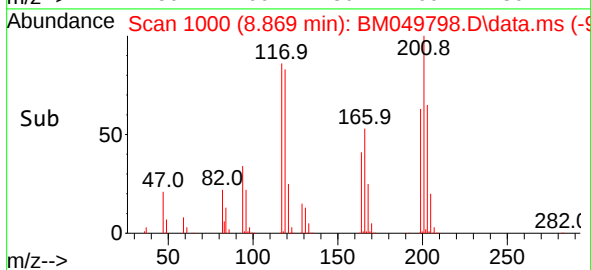
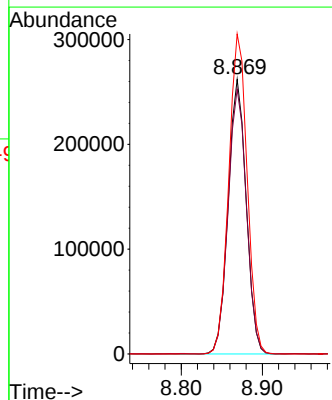
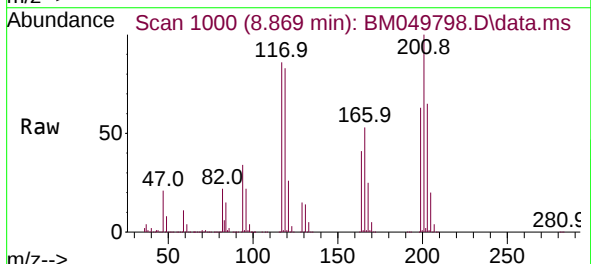
Instrument :
BNA_M
ClientSampleId :
P001-BBDGA-001-01MSD

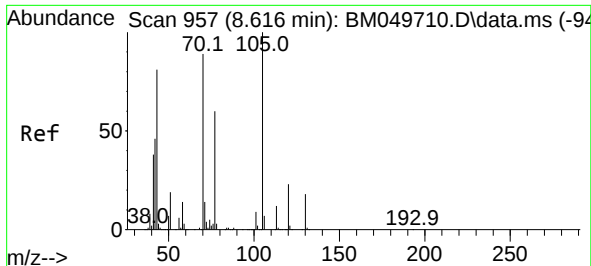
Tgt Ion:107 Resp: 776131
Ion Ratio Lower Upper
107 100
108 114.1 89.6 134.4
77 49.7 39.8 59.6
79 46.6 37.4 56.2



#18
Hexachloroethane
Concen: 53.142 ng
RT: 8.869 min Scan# 1000
Delta R.T. -0.018 min
Lab File: BM049798.D
Acq: 02 Apr 2025 19:57

Tgt Ion:117 Resp: 405157
Ion Ratio Lower Upper
117 100
119 96.4 73.1 109.7
201 116.5 90.0 135.0



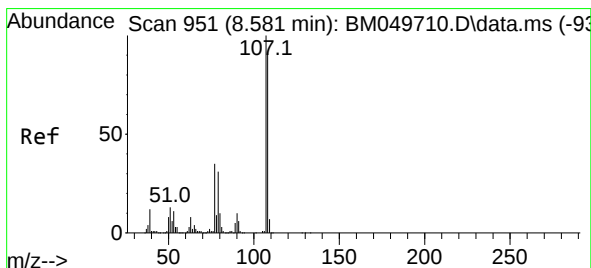
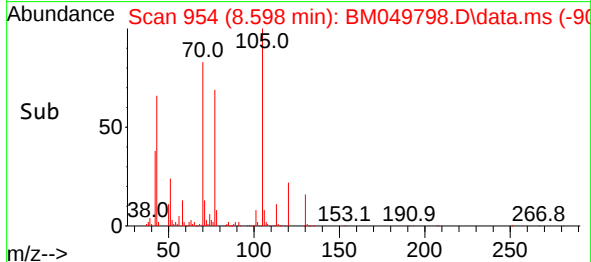
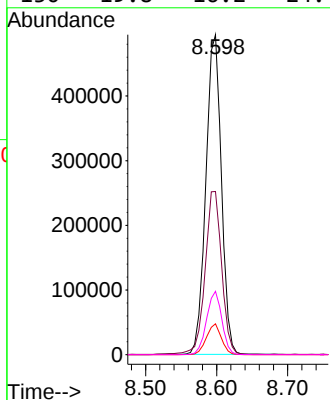
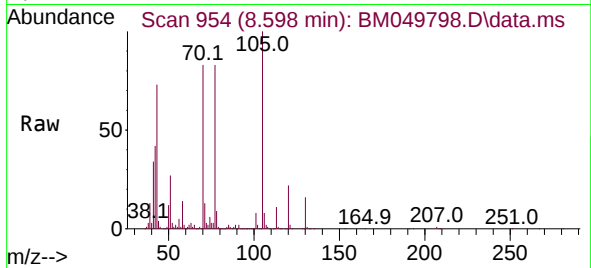


#19
n-Nitroso-di-n-propylamine
Concen: 58.011 ng
RT: 8.598 min Scan# 91
Delta R.T. -0.018 min
Lab File: BM049798.D
Acq: 02 Apr 2025 19:57

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

Tgt Ion: 70 Resp: 750669

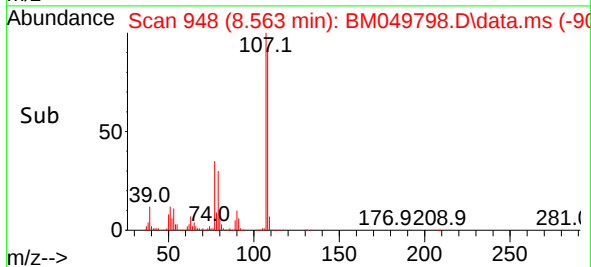
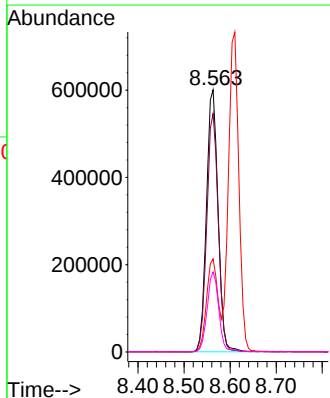
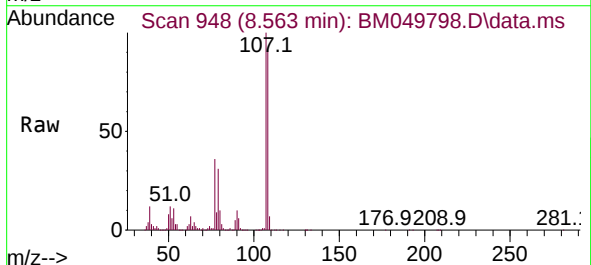
Ion	Ratio	Lower	Upper
70	100		
42	51.0	41.8	62.6
101	9.7	7.7	11.5
130	19.8	16.2	24.4

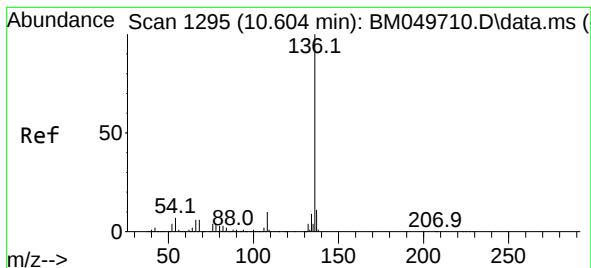


#20
3+4-Methylphenols
Concen: 61.402 ng
RT: 8.563 min Scan# 948
Delta R.T. -0.018 min
Lab File: BM049798.D
Acq: 02 Apr 2025 19:57

Tgt Ion: 107 Resp: 1057095

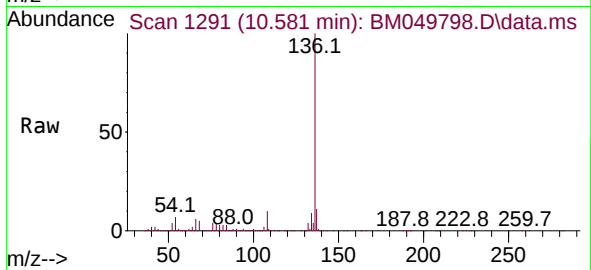
Ion	Ratio	Lower	Upper
107	100		
108	90.9	71.0	111.0
77	35.5	15.1	55.1
79	30.5	11.2	51.2





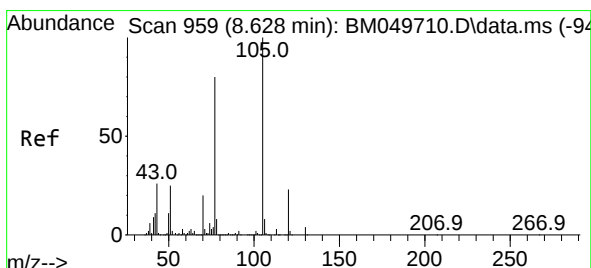
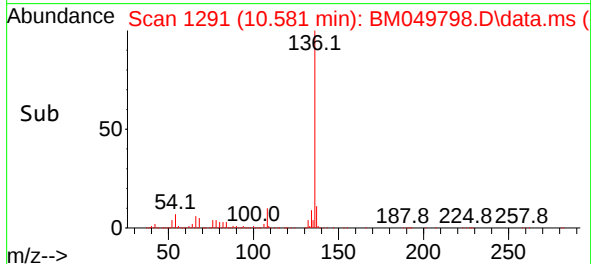
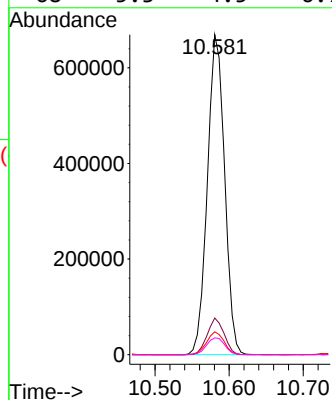
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 11
Delta R.T. -0.024 min
Lab File: BM049798.D
Acq: 02 Apr 2025 19:57

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



Tgt Ion:136 Resp: 1080754

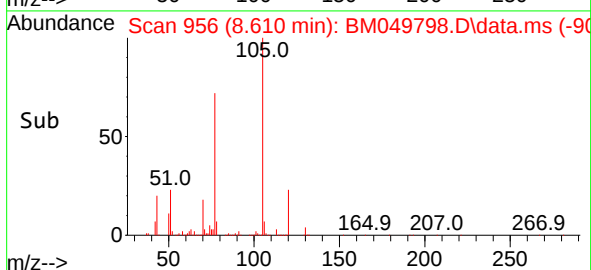
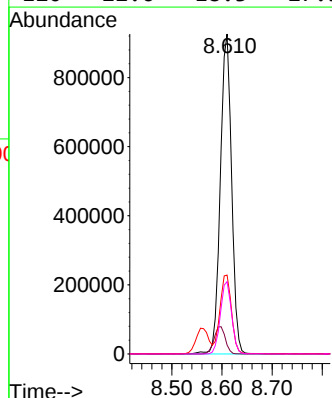
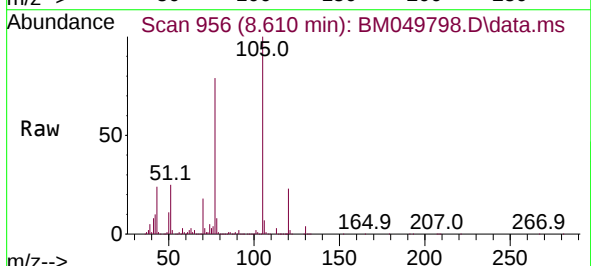
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	12.8
54	7.1	5.8	8.8
68	5.3	4.5	6.7

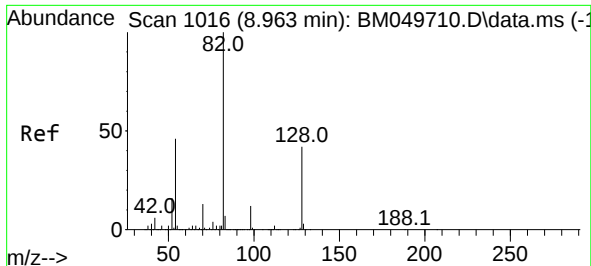


#22
Acetophenone
Concen: 51.746 ng
RT: 8.610 min Scan# 956
Delta R.T. -0.018 min
Lab File: BM049798.D
Acq: 02 Apr 2025 19:57

Tgt Ion:105 Resp: 1441971

Ion	Ratio	Lower	Upper
105	100		
71	2.8	2.5	3.7
51	24.6	19.9	29.9
120	22.6	18.3	27.5

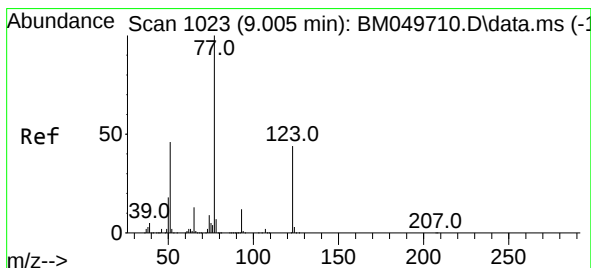
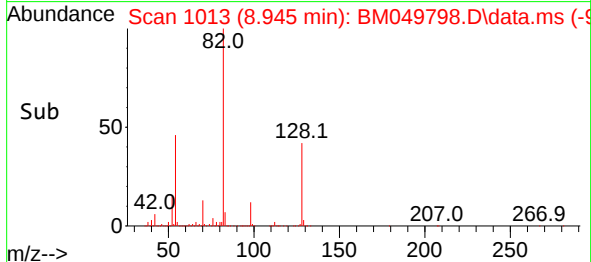
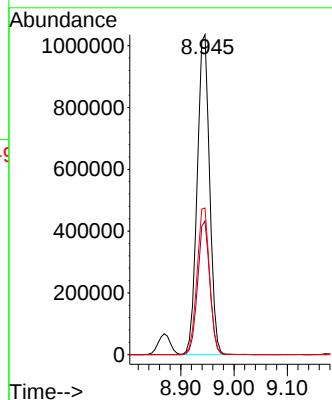
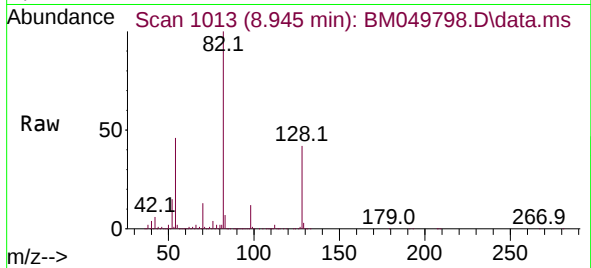




#23
Nitrobenzene-d5
Concen: 79.690 ng
RT: 8.945 min Scan# 1013
Delta R.T. -0.018 min
Lab File: BM049798.D
Acq: 02 Apr 2025 19:57

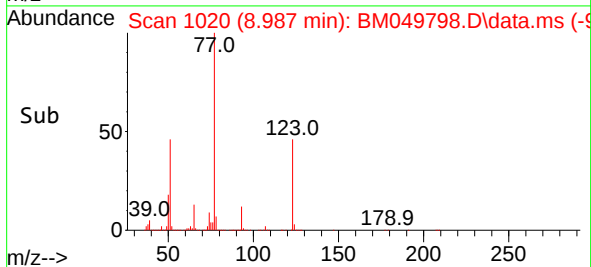
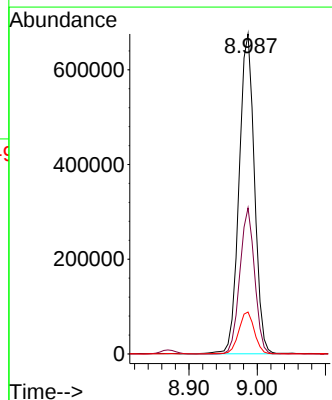
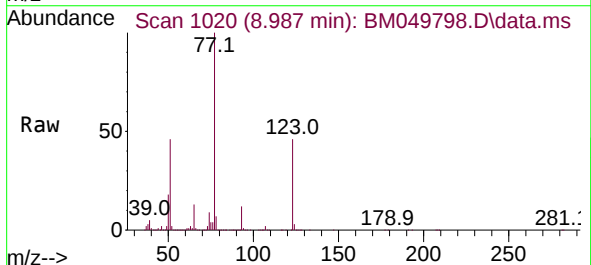
Instrument :
BNA_M
ClientSampleId :
P001-BBDGA-001-01MSD

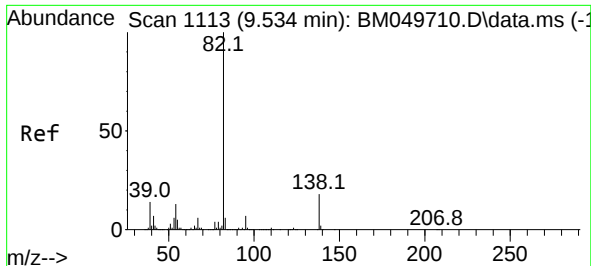
Tgt Ion: 82 Resp: 1677492
Ion Ratio Lower Upper
82 100
128 41.8 33.4 50.0
54 45.8 36.4 54.6



#24
Nitrobenzene
Concen: 53.169 ng
RT: 8.987 min Scan# 1020
Delta R.T. -0.018 min
Lab File: BM049798.D
Acq: 02 Apr 2025 19:57

Tgt Ion: 77 Resp: 1055337
Ion Ratio Lower Upper
77 100
123 45.6 34.9 52.3
65 13.1 10.6 15.8





#25

Isophorone

Concen: 60.196 ng

RT: 9.516 min Scan# 1110

Delta R.T. -0.018 min

Lab File: BM049798.D

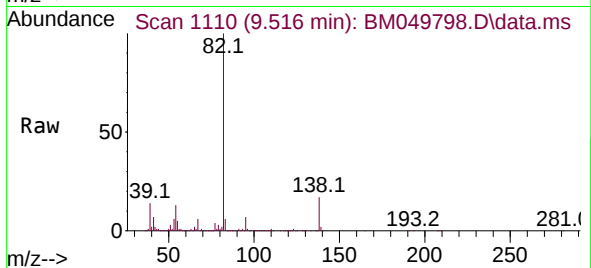
Acq: 02 Apr 2025 19:57

Instrument :

BNA_M

ClientSampleId :

P001-BBDGA-001-01MSD



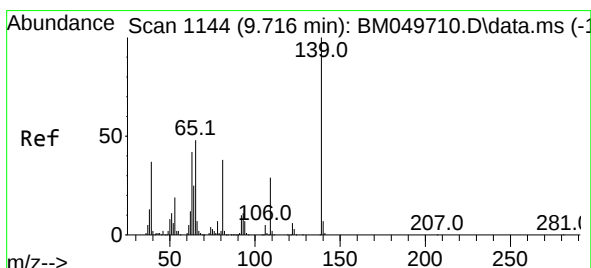
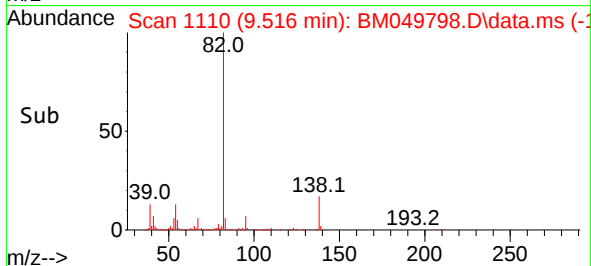
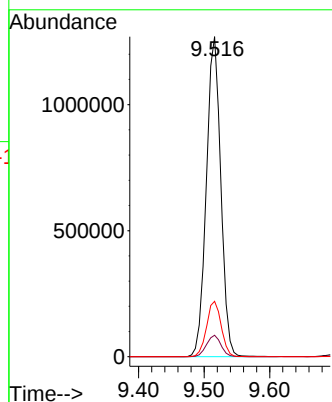
Tgt Ion: 82 Resp: 1945511

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 17.3 14.4 21.6



#26

2-Nitrophenol

Concen: 56.583 ng

RT: 9.698 min Scan# 1141

Delta R.T. -0.018 min

Lab File: BM049798.D

Acq: 02 Apr 2025 19:57

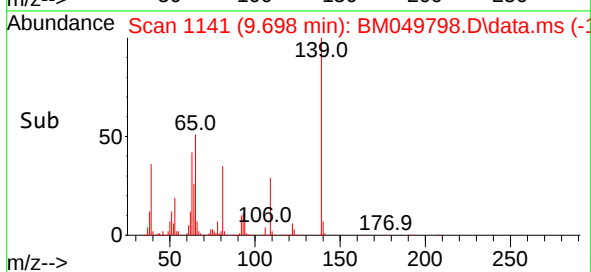
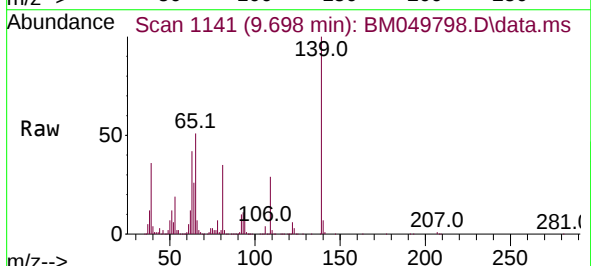
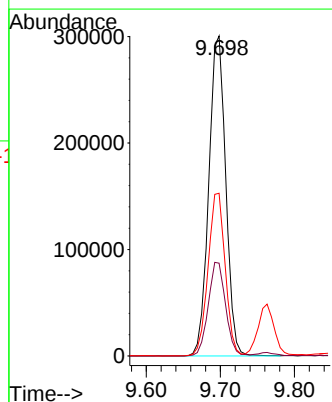
Tgt Ion: 139 Resp: 478023

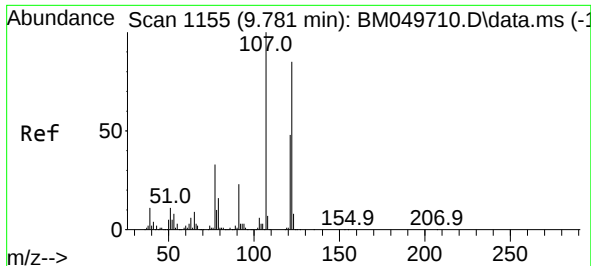
Ion Ratio Lower Upper

139 100

109 29.0 23.3 34.9

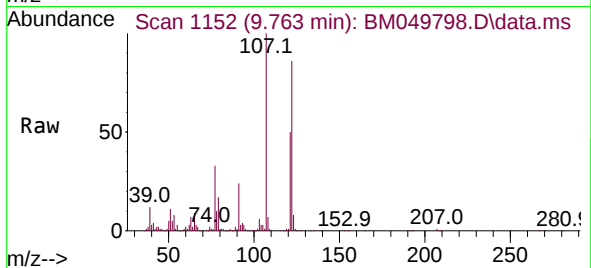
65 50.9 38.6 58.0



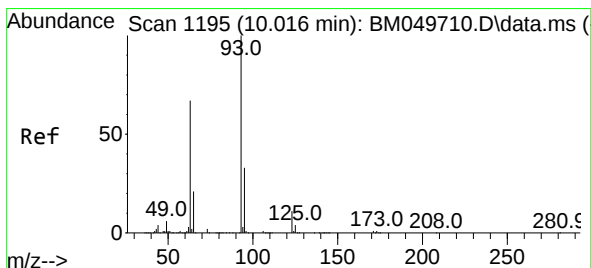
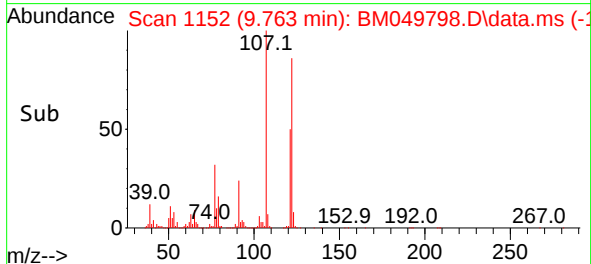
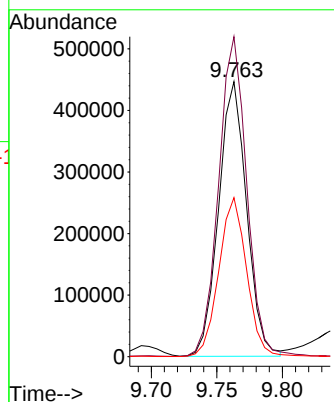


#27
2,4-Dimethylphenol
Concen: 61.636 ng
RT: 9.763 min Scan# 1152
Delta R.T. -0.018 min
Lab File: BM049798.D
Acq: 02 Apr 2025 19:57

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

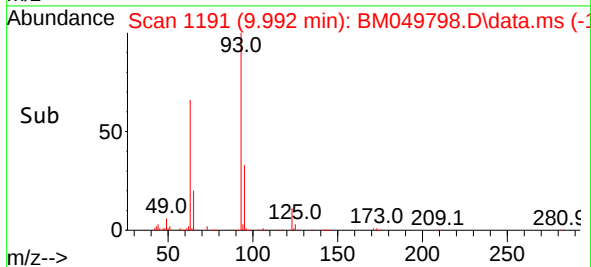
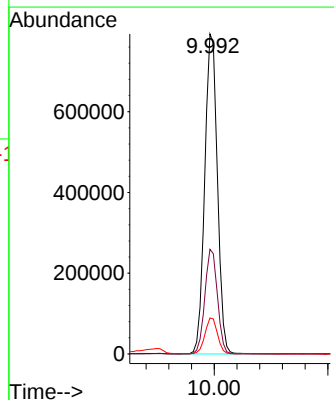
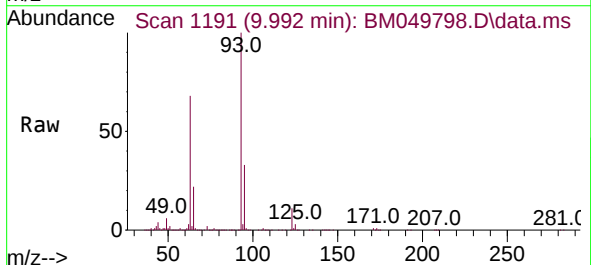


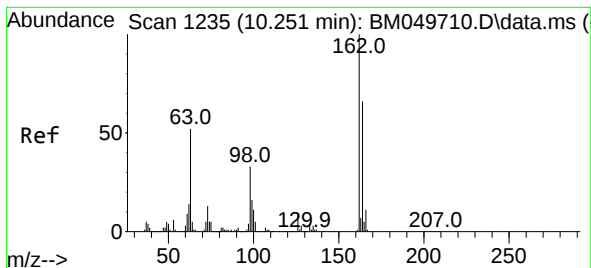
Tgt Ion:122 Resp: 662802
Ion Ratio Lower Upper
122 100
107 116.3 94.3 141.5
121 57.8 45.4 68.2



#28
bis(2-Chloroethoxy)methane
Concen: 53.687 ng
RT: 9.992 min Scan# 1191
Delta R.T. -0.024 min
Lab File: BM049798.D
Acq: 02 Apr 2025 19:57

Tgt Ion: 93 Resp: 1222103
Ion Ratio Lower Upper
93 100
95 32.7 26.6 40.0
123 11.3 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 55.826 ng

RT: 10.234 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM049798.D

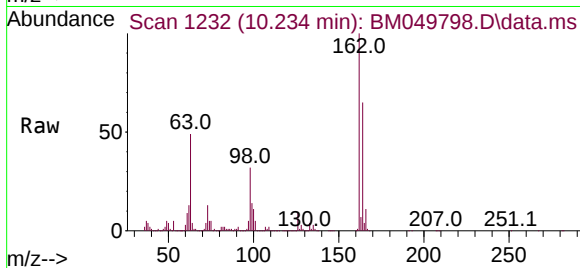
Acq: 02 Apr 2025 19:57

Instrument :

BNA_M

ClientSampleId :

P001-BBDGA-001-01MSD



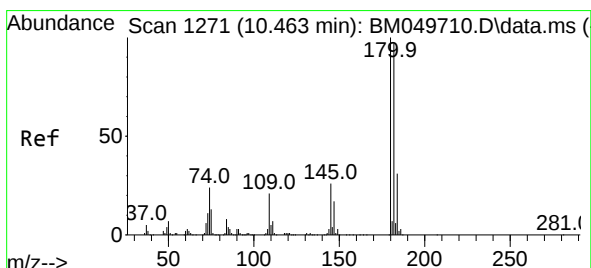
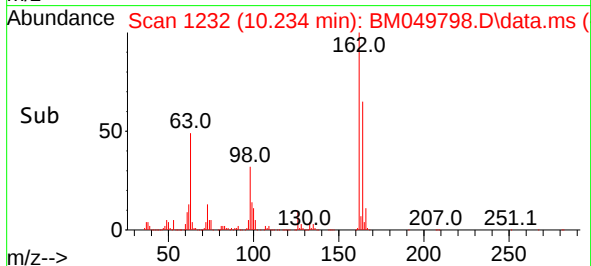
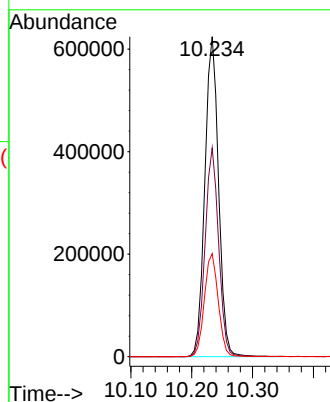
Tgt Ion:162 Resp: 978200

Ion Ratio Lower Upper

162 100

164 65.2 46.3 86.3

98 32.2 12.8 52.8



#30

1,2,4-Trichlorobenzene

Concen: 50.426 ng

RT: 10.445 min Scan# 1268

Delta R.T. -0.018 min

Lab File: BM049798.D

Acq: 02 Apr 2025 19:57

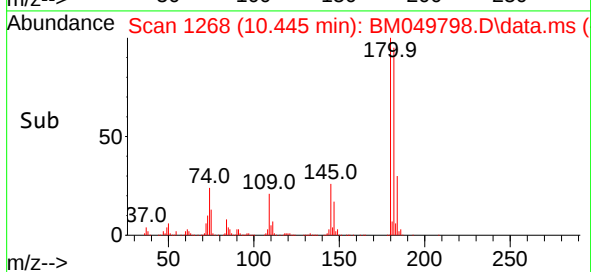
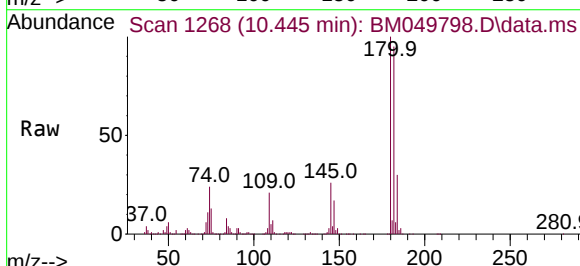
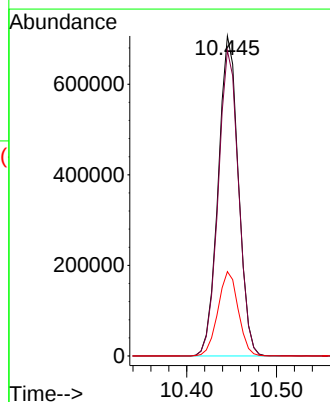
Tgt Ion:180 Resp: 1105500

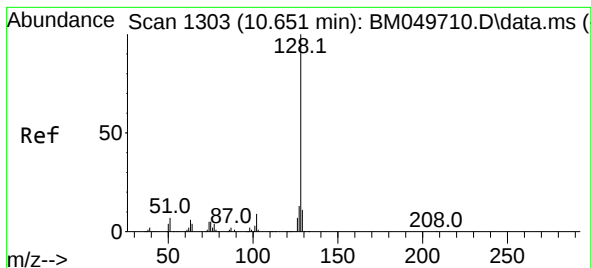
Ion Ratio Lower Upper

180 100

182 95.5 77.7 116.5

145 26.4 21.0 31.4

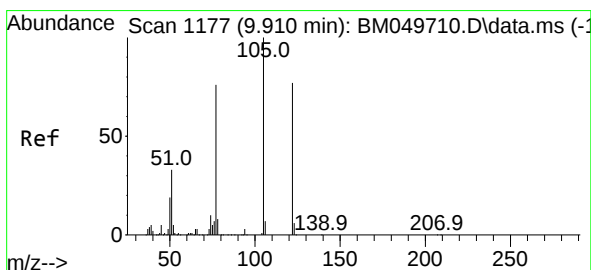
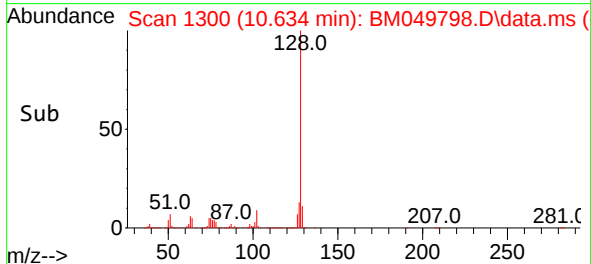
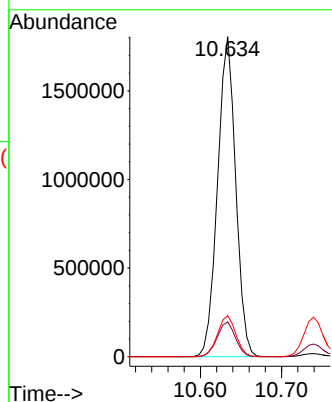
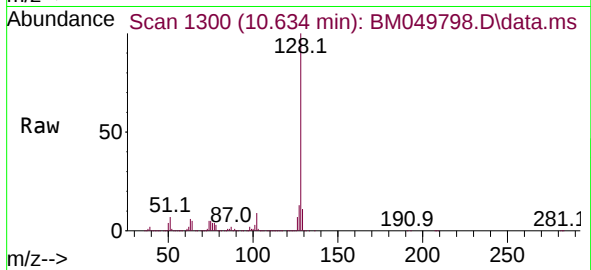




#31
Naphthalene
Concen: 50.456 ng
RT: 10.634 min Scan# 1175
Delta R.T. -0.018 min
Lab File: BM049798.D
Acq: 02 Apr 2025 19:57

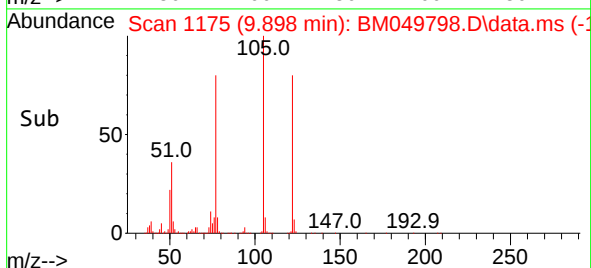
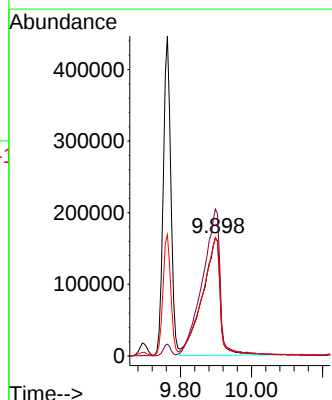
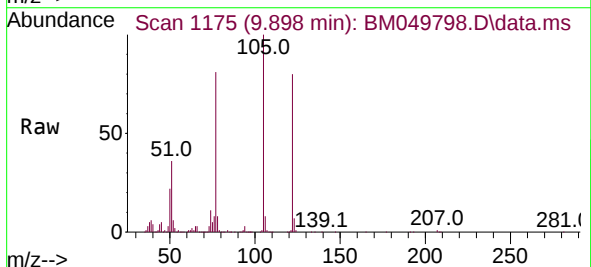
Instrument :
BNA_M
ClientSampleId :
P001-BBDGA-001-01MSD

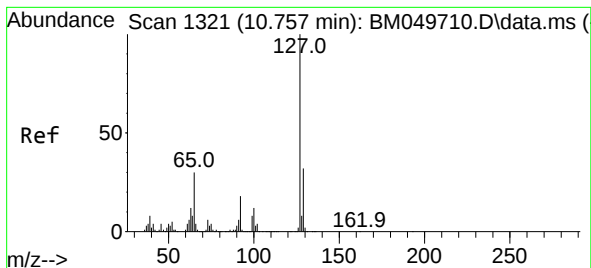
Tgt Ion:128 Resp: 2803998
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 12.8 10.4 15.6



#32
Benzoic acid
Concen: 63.309 ng
RT: 9.898 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BM049798.D
Acq: 02 Apr 2025 19:57

Tgt Ion:122 Resp: 578987
Ion Ratio Lower Upper
122 100
105 124.7 105.6 145.6
77 100.7 76.9 116.9





#33

4-Chloroaniline

Concen: 20.518 ng

RT: 10.739 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM049798.D

Acq: 02 Apr 2025 19:57

Instrument :

BNA_M

ClientSampleId :

P001-BBDGA-001-01MSD

Tgt Ion:127 Resp: 389141

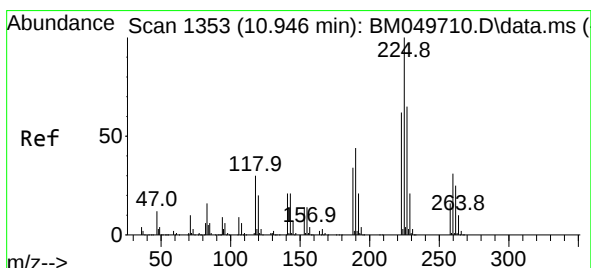
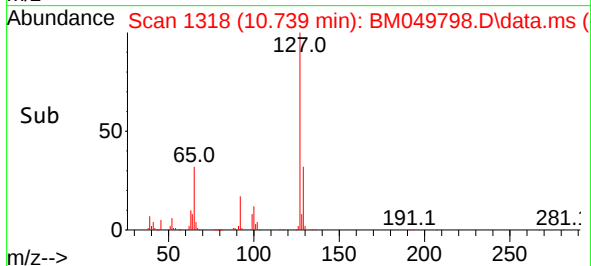
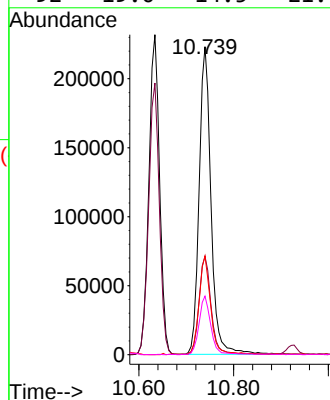
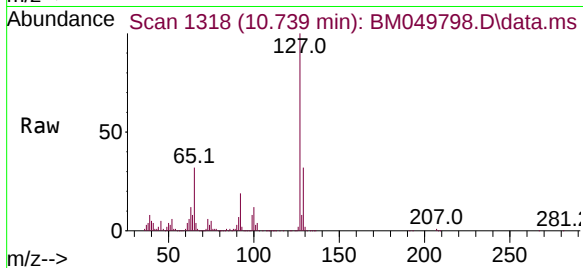
Ion Ratio Lower Upper

127 100

129 32.0 25.7 38.5

65 32.0 24.1 36.1

92 19.0 14.5 21.7



#34

Hexachlorobutadiene

Concen: 50.615 ng

RT: 10.922 min Scan# 1349

Delta R.T. -0.024 min

Lab File: BM049798.D

Acq: 02 Apr 2025 19:57

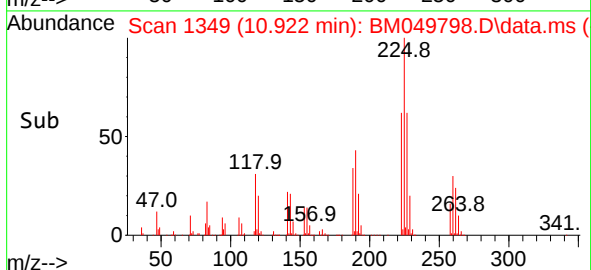
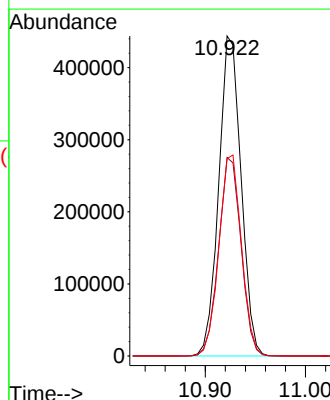
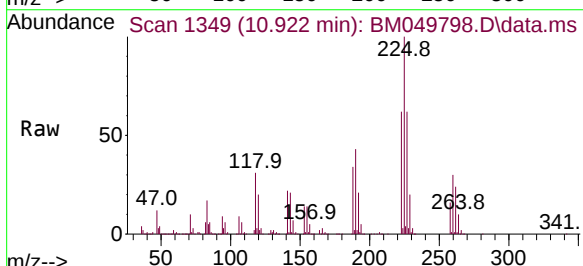
Tgt Ion:225 Resp: 685013

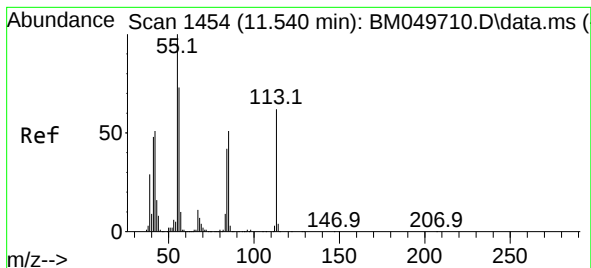
Ion Ratio Lower Upper

225 100

223 62.0 49.8 74.8

227 61.7 52.1 78.1





#35

Caprolactam

Concen: 63.546 ng

RT: 11.522 min Scan# 14

Delta R.T. -0.018 min

Lab File: BM049798.D

Acq: 02 Apr 2025 19:57

Instrument :

BNA_M

ClientSampleId :

P001-BBDGA-001-01MSD

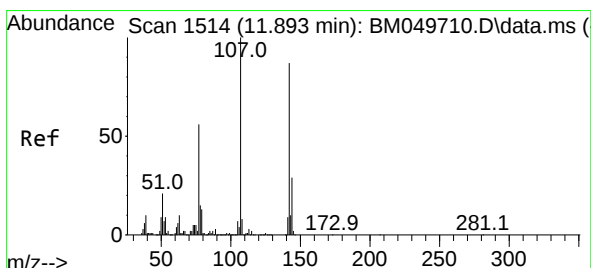
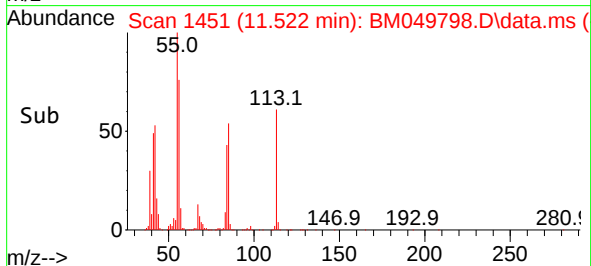
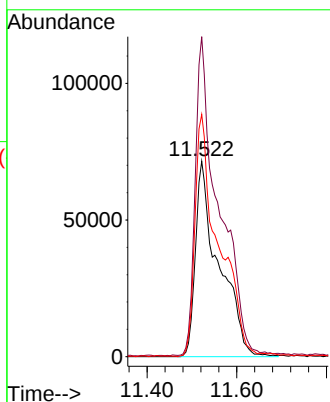
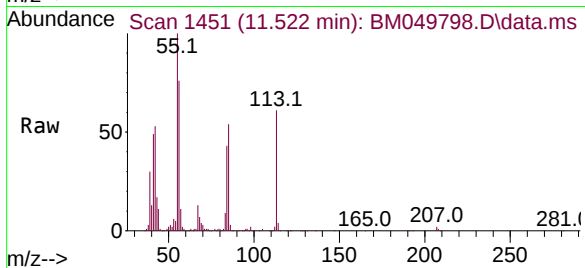
Tgt Ion:113 Resp: 258516

Ion Ratio Lower Upper

113 100

55 163.7 141.8 181.8

56 123.9 98.0 138.0



#36

4-Chloro-3-methylphenol

Concen: 58.839 ng

RT: 11.875 min Scan# 1511

Delta R.T. -0.018 min

Lab File: BM049798.D

Acq: 02 Apr 2025 19:57

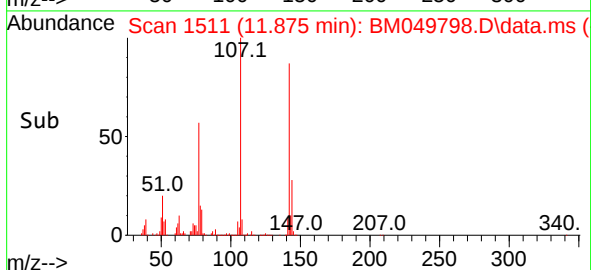
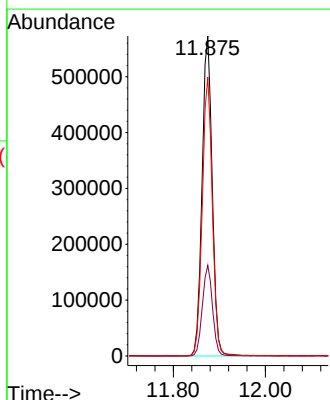
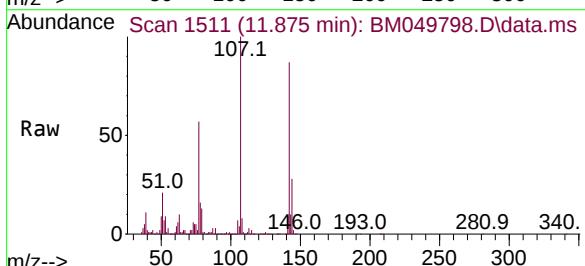
Tgt Ion:107 Resp: 884772

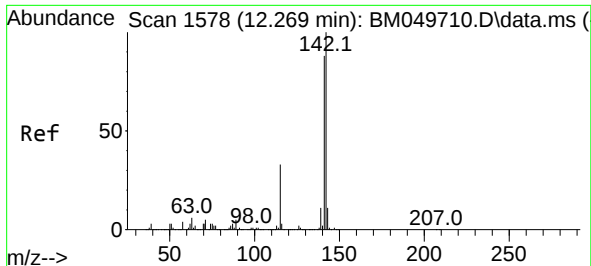
Ion Ratio Lower Upper

107 100

144 28.3 23.0 34.6

142 87.1 69.8 104.8

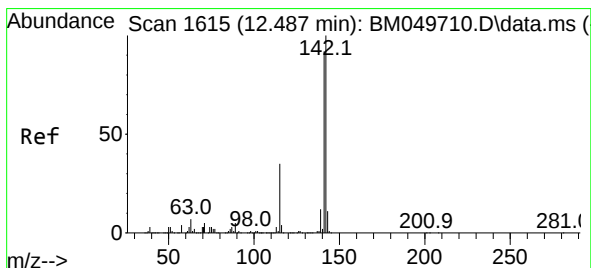
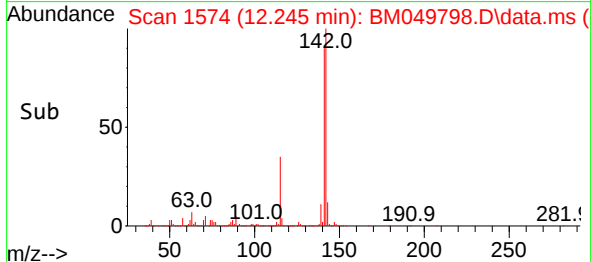
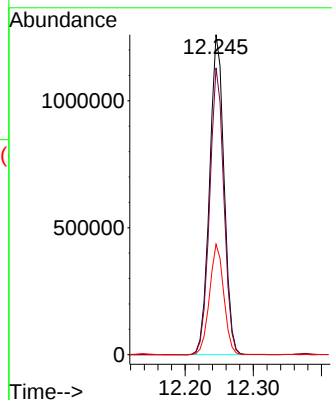
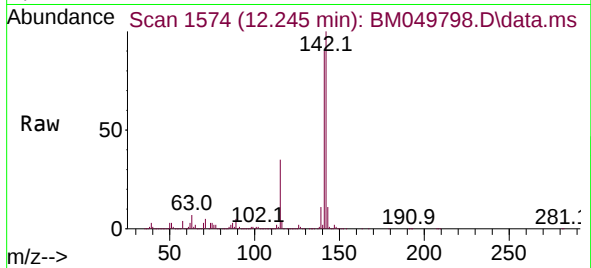




#37
2-Methylnaphthalene
Concen: 47.891 ng
RT: 12.245 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM049798.D
Acq: 02 Apr 2025 19:57

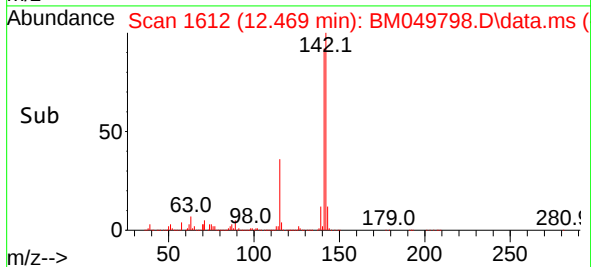
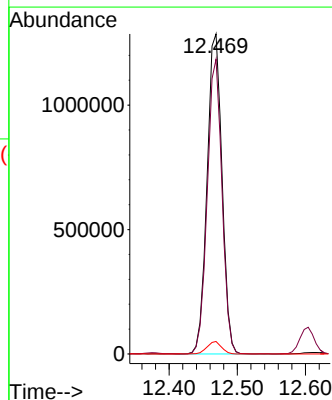
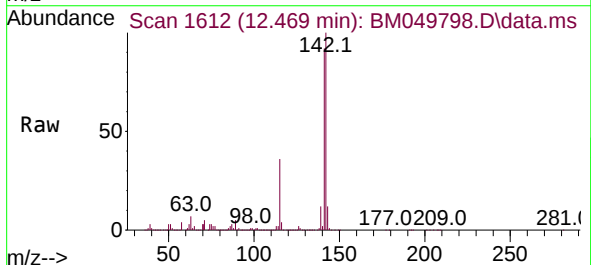
Instrument :
BNA_M
ClientSampleId :
P001-BBDGA-001-01MSD

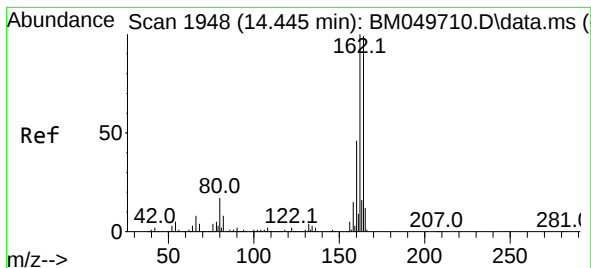
Tgt Ion:142 Resp: 1861004
Ion Ratio Lower Upper
142 100
141 89.6 70.5 105.7
115 34.5 26.5 39.7



#38
1-Methylnaphthalene
Concen: 52.276 ng
RT: 12.469 min Scan# 1612
Delta R.T. -0.018 min
Lab File: BM049798.D
Acq: 02 Apr 2025 19:57

Tgt Ion:142 Resp: 1959907
Ion Ratio Lower Upper
142 100
141 92.1 73.4 110.2
116 3.9 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.427 min Scan# 1945

Delta R.T. -0.018 min

Lab File: BM049798.D

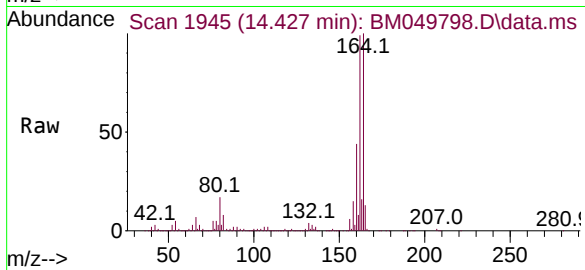
Acq: 02 Apr 2025 19:57

Instrument :

BNA_M

ClientSampleId :

P001-BBDGA-001-01MSD



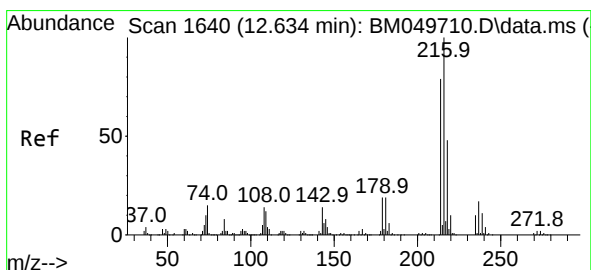
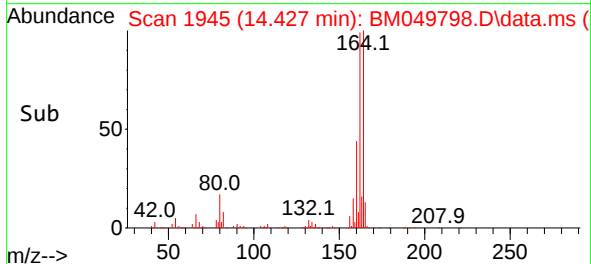
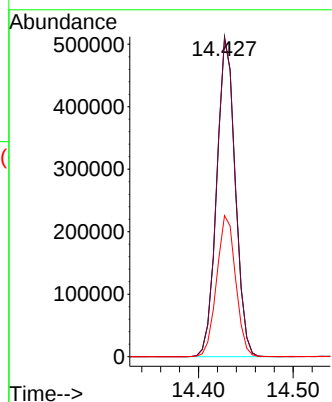
Tgt Ion:164 Resp: 695223

Ion Ratio Lower Upper

164 100

162 99.5 80.5 120.7

160 44.1 36.9 55.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.805 ng

RT: 12.616 min Scan# 1637

Delta R.T. -0.018 min

Lab File: BM049798.D

Acq: 02 Apr 2025 19:57

Tgt Ion:216 Resp: 1322932

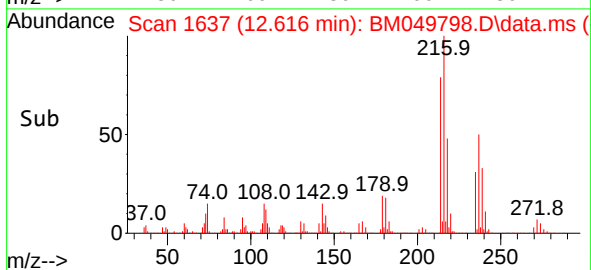
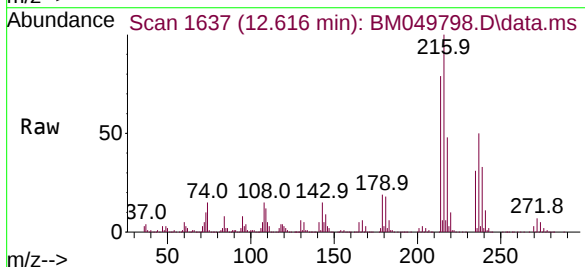
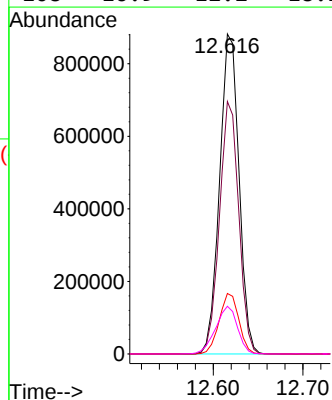
Ion Ratio Lower Upper

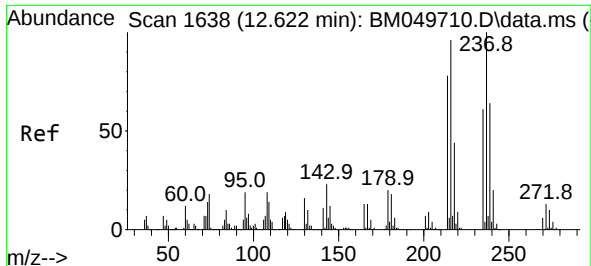
216 100

214 78.3 63.5 95.3

179 19.2 15.7 23.5

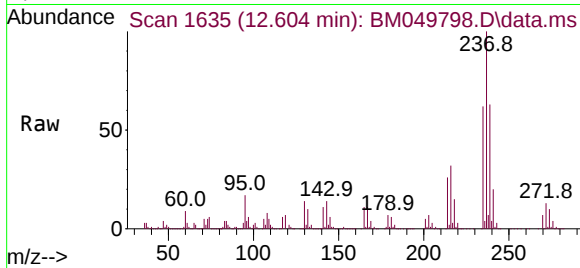
108 16.9 12.2 18.2



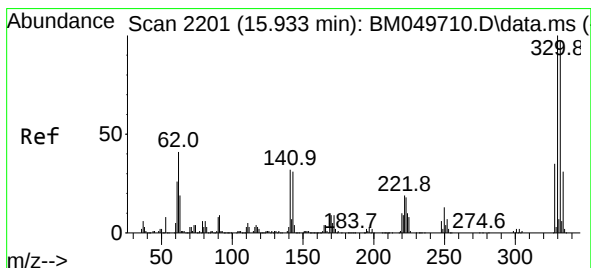
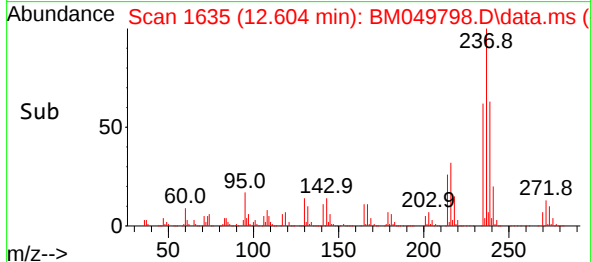
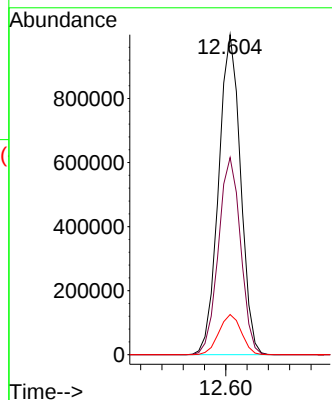


#41
Hexachlorocyclopentadiene
Concen: 150.944 ng
RT: 12.604 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM049798.D
Acq: 02 Apr 2025 19:57

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

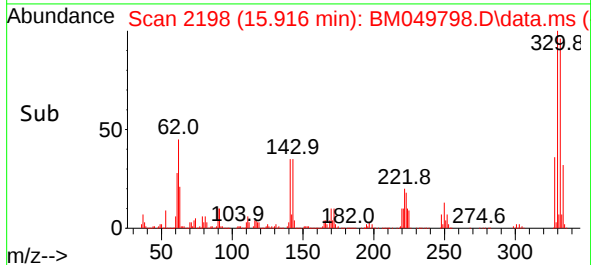
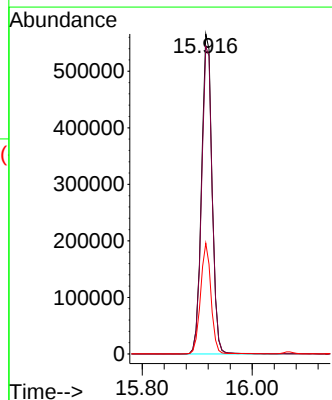
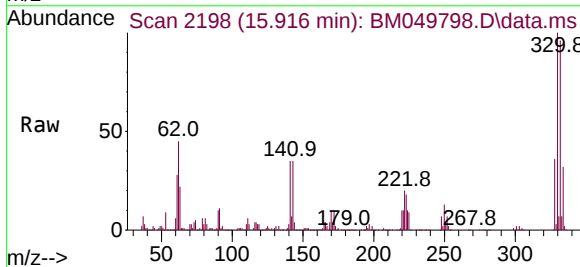


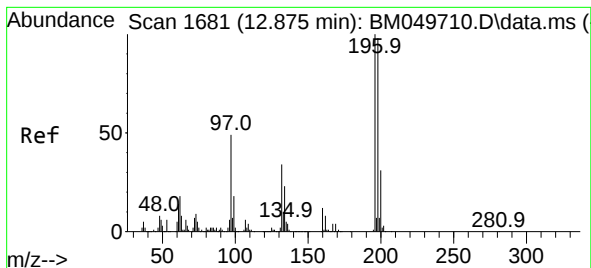
Tgt Ion:237 Resp: 1428020
Ion Ratio Lower Upper
237 100
235 61.6 41.1 81.1
272 12.6 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 92.443 ng
RT: 15.916 min Scan# 2198
Delta R.T. -0.017 min
Lab File: BM049798.D
Acq: 02 Apr 2025 19:57

Tgt Ion:330 Resp: 750465
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.4
141 34.6 27.8 41.6





#43

2,4,6-Trichlorophenol

Concen: 56.590 ng

RT: 12.857 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM049798.D

Acq: 02 Apr 2025 19:57

Instrument :

BNA_M

ClientSampleId :

P001-BBDGA-001-01MSD

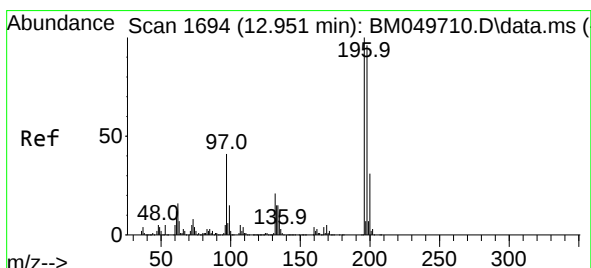
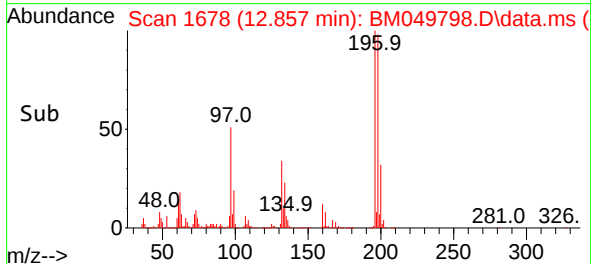
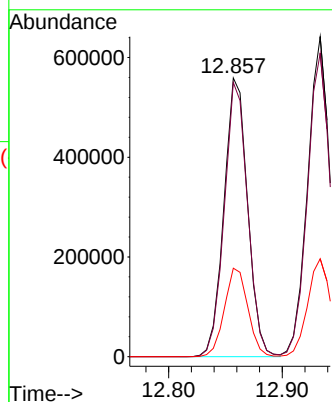
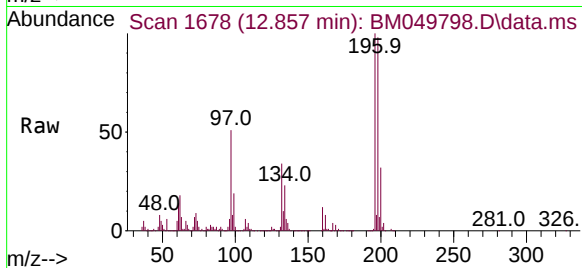
Tgt Ion:196 Resp: 809368

Ion Ratio Lower Upper

196 100

198 98.4 78.3 117.5

200 31.8 25.1 37.7



#44

2,4,5-Trichlorophenol

Concen: 57.028 ng

RT: 12.933 min Scan# 1691

Delta R.T. -0.018 min

Lab File: BM049798.D

Acq: 02 Apr 2025 19:57

Tgt Ion:196 Resp: 890069

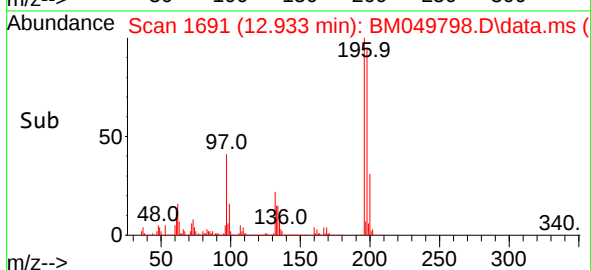
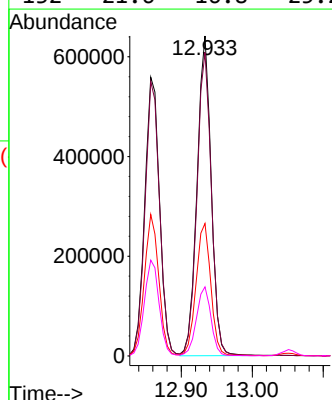
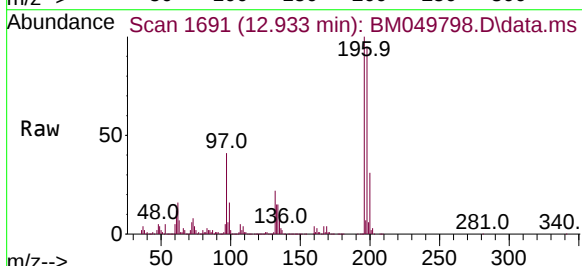
Ion Ratio Lower Upper

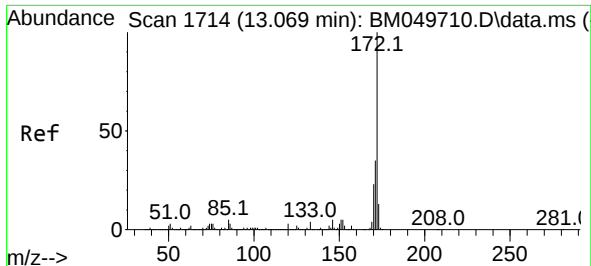
196 100

198 94.9 76.7 115.1

97 41.4 32.9 49.3

132 21.6 16.8 25.2

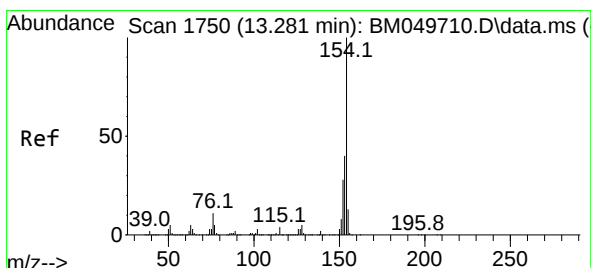
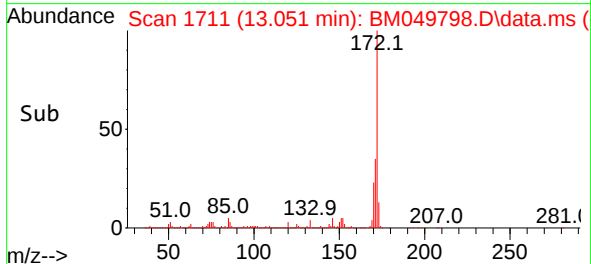
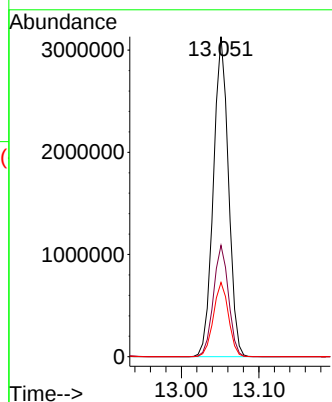
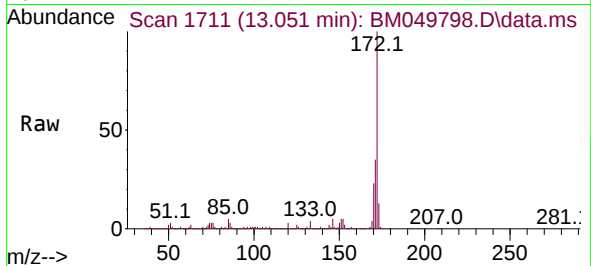




#45
2-Fluorobiphenyl
Concen: 76.296 ng
RT: 13.051 min Scan# 1711
Delta R.T. -0.018 min
Lab File: BM049798.D
Acq: 02 Apr 2025 19:57

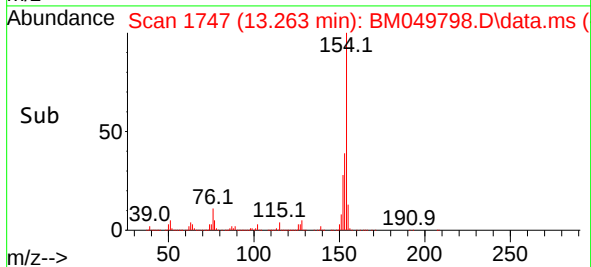
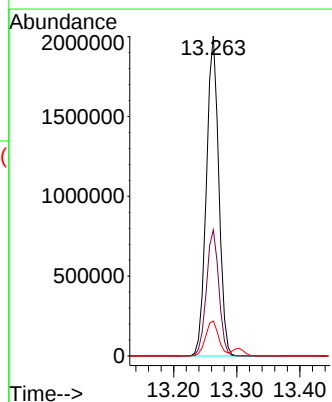
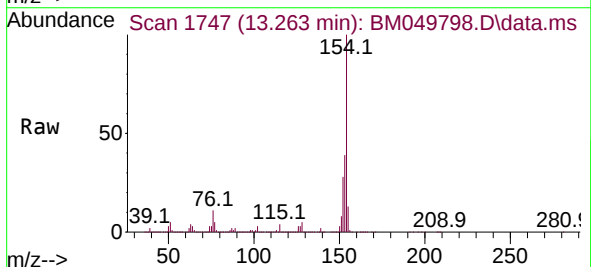
Instrument :
BNA_M
ClientSampleId :
P001-BBDGA-001-01MSD

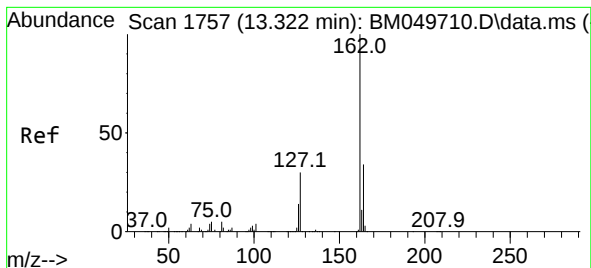
Tgt Ion:172 Resp: 4235386
Ion Ratio Lower Upper
172 100
171 34.8 27.9 41.9
170 23.2 18.6 28.0



#46
1,1'-Biphenyl
Concen: 51.049 ng
RT: 13.263 min Scan# 1747
Delta R.T. -0.018 min
Lab File: BM049798.D
Acq: 02 Apr 2025 19:57

Tgt Ion:154 Resp: 2735288
Ion Ratio Lower Upper
154 100
153 39.4 19.7 59.7
76 10.9 0.0 31.2





#47

2-Chloronaphthalene

Concen: 51.606 ng

RT: 13.304 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM049798.D

Acq: 02 Apr 2025 19:57

Instrument :

BNA_M

ClientSampleId :

P001-BBDGA-001-01MSD

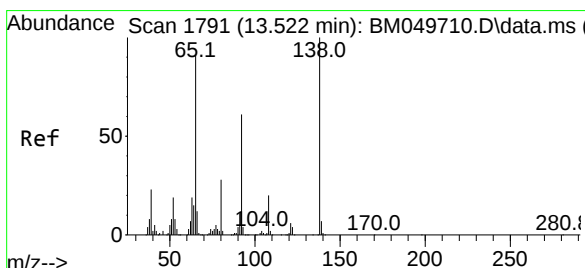
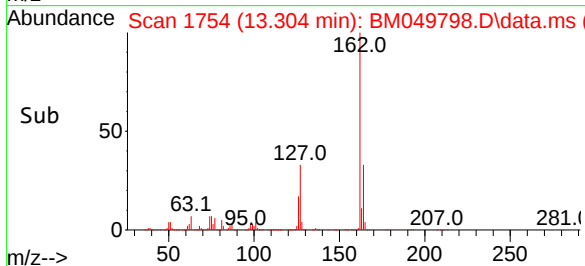
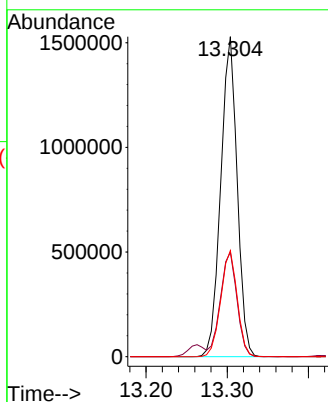
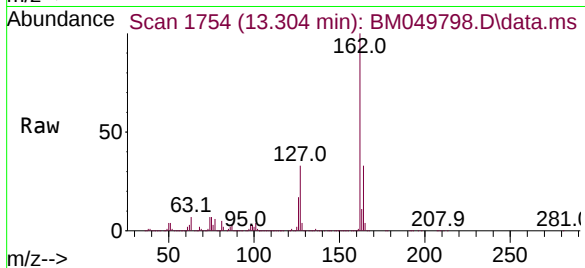
Tgt Ion:162 Resp: 2152277

Ion Ratio Lower Upper

162 100

127 32.7 25.8 38.6

164 33.2 27.1 40.7



#48

2-Nitroaniline

Concen: 60.340 ng

RT: 13.504 min Scan# 1788

Delta R.T. -0.018 min

Lab File: BM049798.D

Acq: 02 Apr 2025 19:57

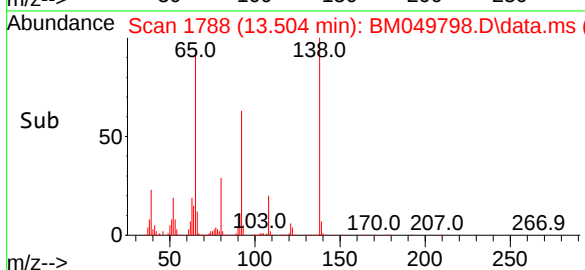
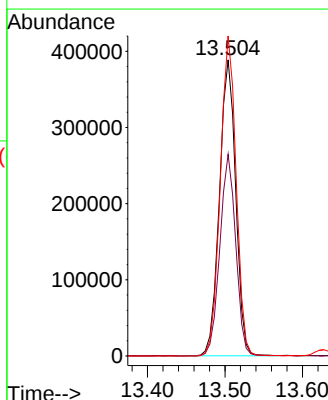
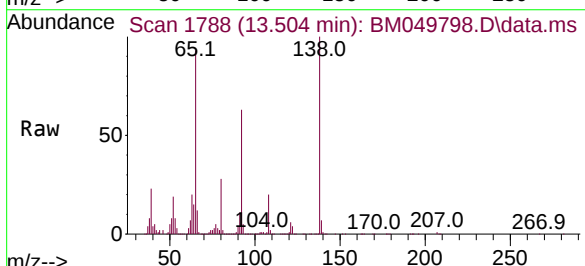
Tgt Ion: 65 Resp: 564926

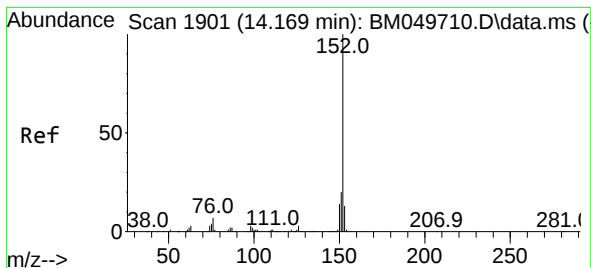
Ion Ratio Lower Upper

65 100

92 68.2 53.4 80.2

138 108.1 87.6 131.4





#49

Acenaphthylene

Concen: 56.993 ng

RT: 14.151 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM049798.D

Acq: 02 Apr 2025 19:57

Instrument :

BNA_M

ClientSampleId :

P001-BBDGA-001-01MSD

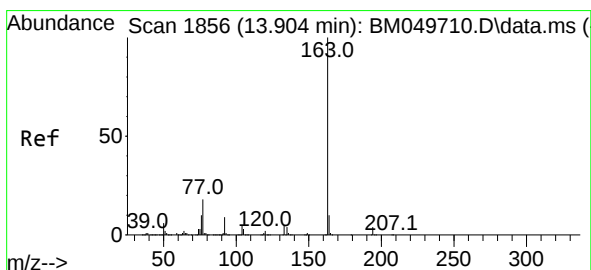
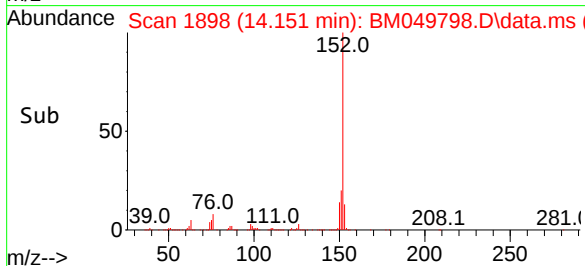
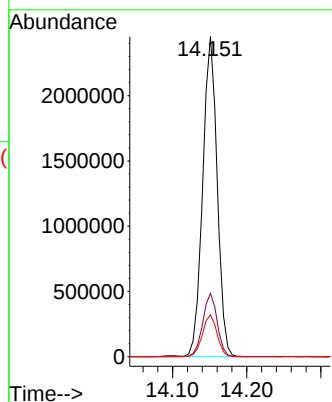
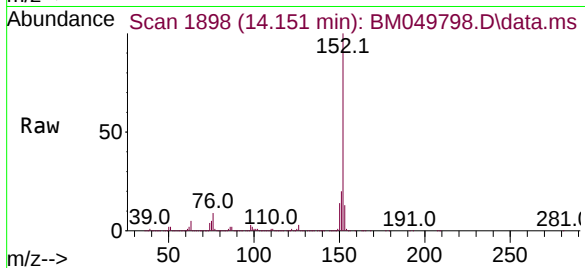
Tgt Ion:152 Resp: 3322494

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.8

153 13.1 10.2 15.4



#50

Dimethylphthalate

Concen: 53.378 ng

RT: 13.886 min Scan# 1853

Delta R.T. -0.018 min

Lab File: BM049798.D

Acq: 02 Apr 2025 19:57

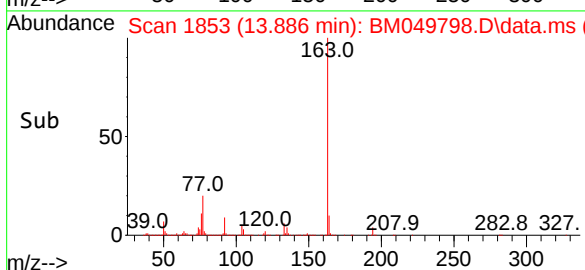
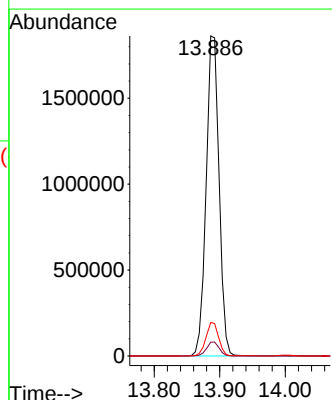
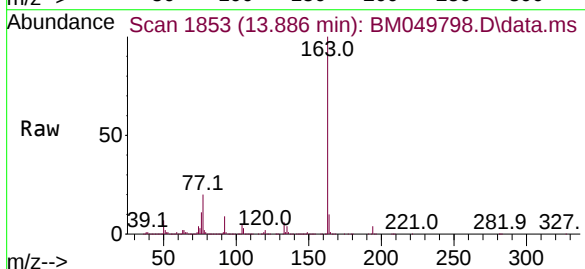
Tgt Ion:163 Resp: 2554966

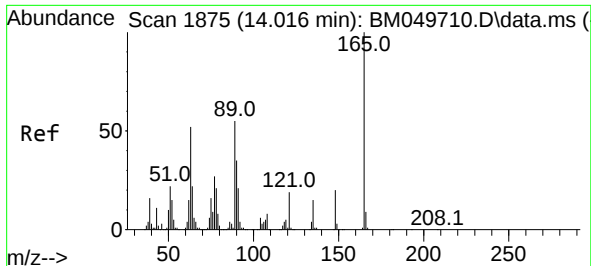
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 10.5 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 56.147 ng

RT: 13.998 min Scan# 1875

Delta R.T. -0.018 min

Lab File: BM049798.D

Acq: 02 Apr 2025 19:57

Instrument :

BNA_M

ClientSampleId :

P001-BBDGA-001-01MSD

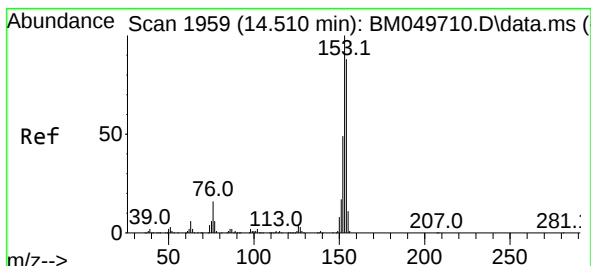
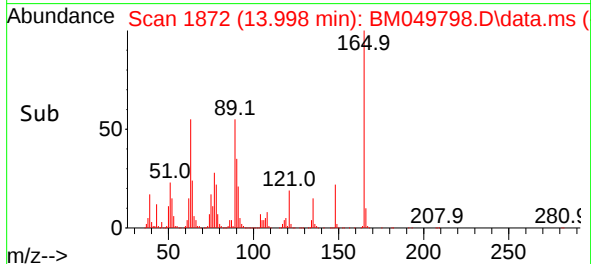
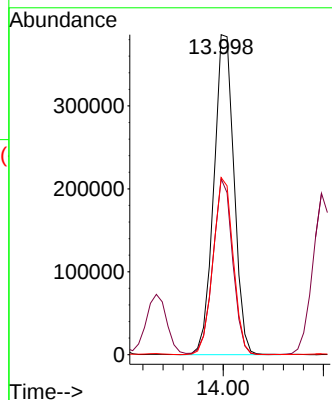
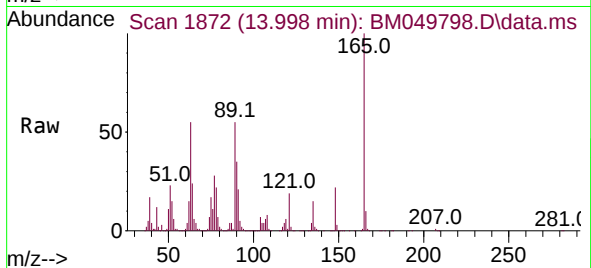
Tgt Ion:165 Resp: 538495

Ion Ratio Lower Upper

165 100

63 55.0 42.3 63.5

89 55.4 43.9 65.9



#52

Acenaphthene

Concen: 51.478 ng

RT: 14.492 min Scan# 1956

Delta R.T. -0.018 min

Lab File: BM049798.D

Acq: 02 Apr 2025 19:57

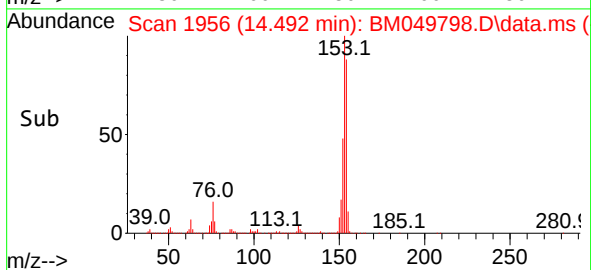
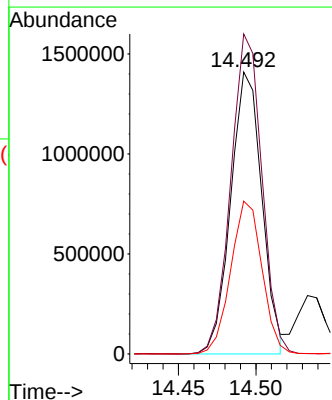
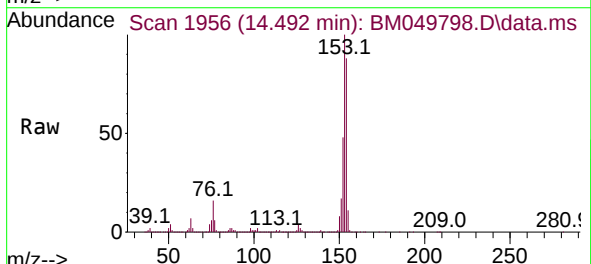
Tgt Ion:154 Resp: 1968455

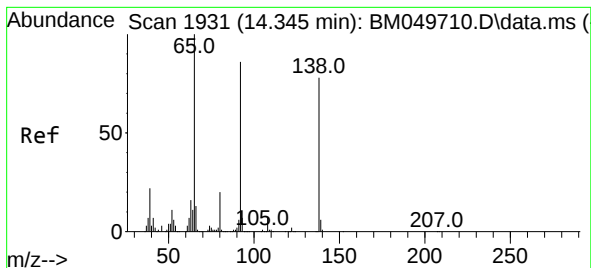
Ion Ratio Lower Upper

154 100

153 113.5 90.4 135.6

152 54.2 44.2 66.2

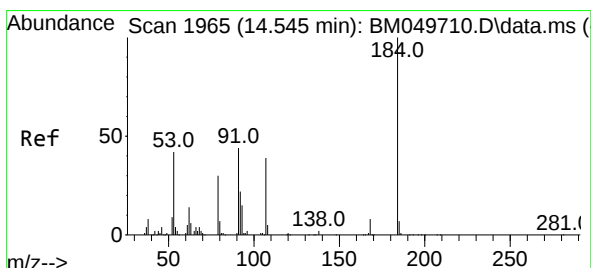
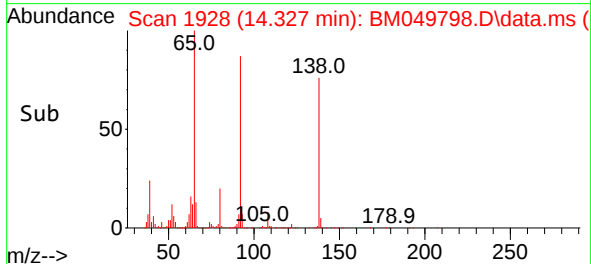
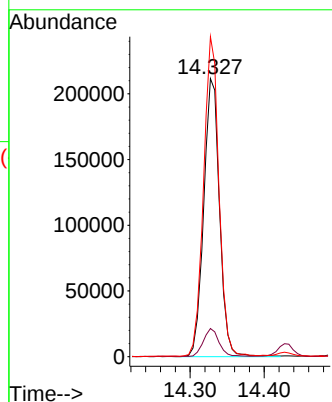
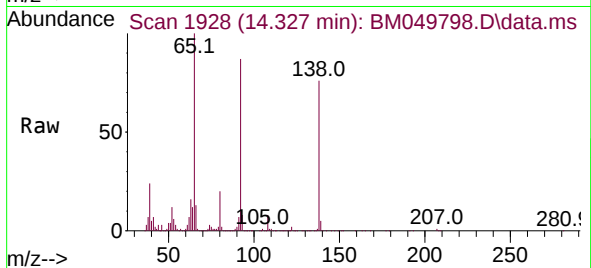




#53
3-Nitroaniline
Concen: 34.475 ng
RT: 14.327 min Scan# 1931
Delta R.T. -0.018 min
Lab File: BM049798.D
Acq: 02 Apr 2025 19:57

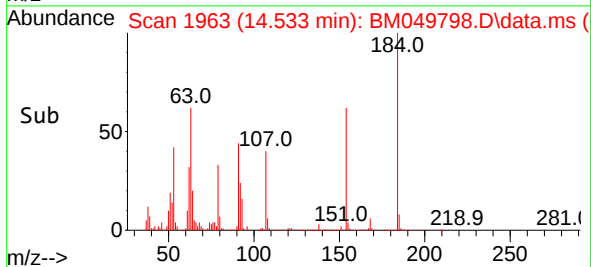
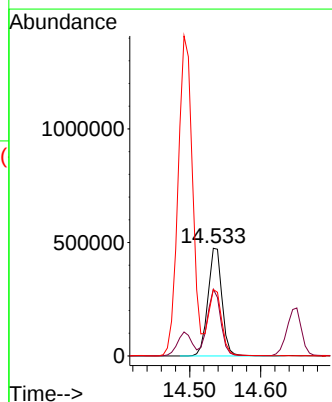
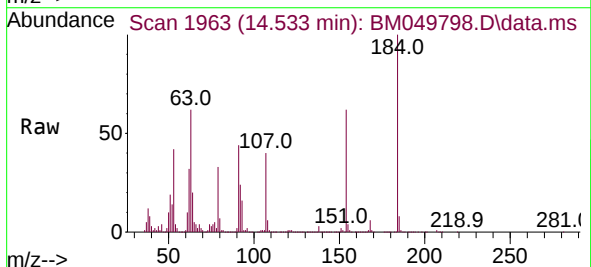
Instrument :
BNA_M
ClientSampleId :
P001-BBDGA-001-01MSD

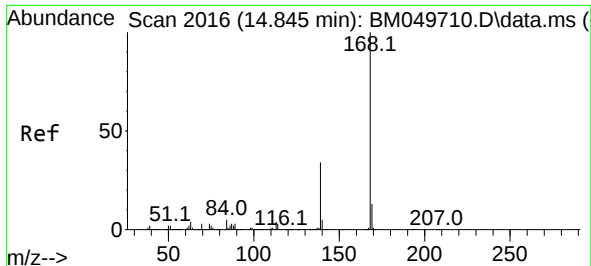
Tgt Ion:138 Resp: 314639
Ion Ratio Lower Upper
138 100
108 10.1 7.5 11.3
92 115.1 88.0 132.0



#54
2,4-Dinitrophenol
Concen: 98.061 ng
RT: 14.533 min Scan# 1963
Delta R.T. -0.012 min
Lab File: BM049798.D
Acq: 02 Apr 2025 19:57

Tgt Ion:184 Resp: 653721
Ion Ratio Lower Upper
184 100
63 62.0 47.2 70.8
154 61.7 49.9 74.9

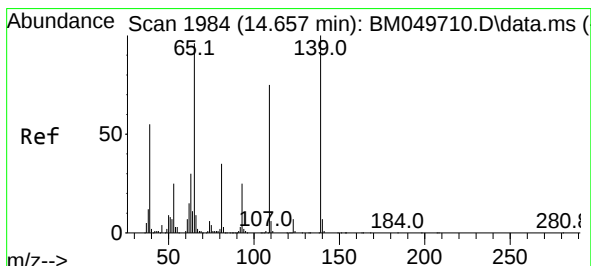
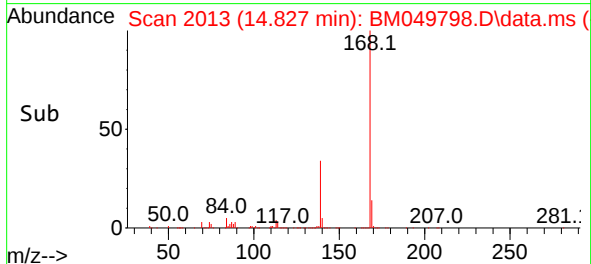
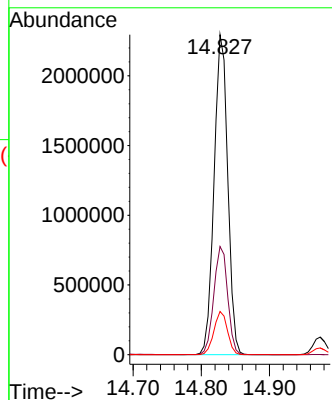
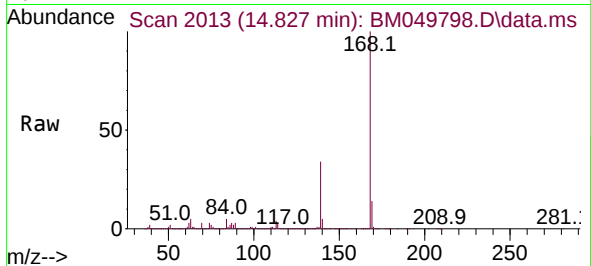




#55
Dibenzenofuran
Concen: 50.220 ng
RT: 14.827 min Scan# 20
Delta R.T. -0.018 min
Lab File: BM049798.D
Acq: 02 Apr 2025 19:57

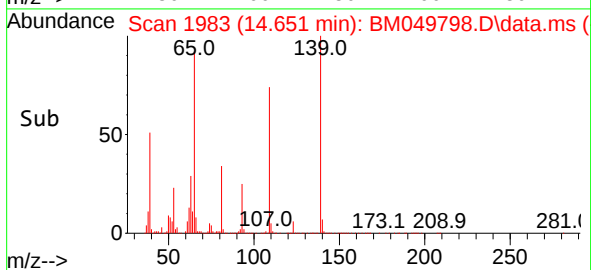
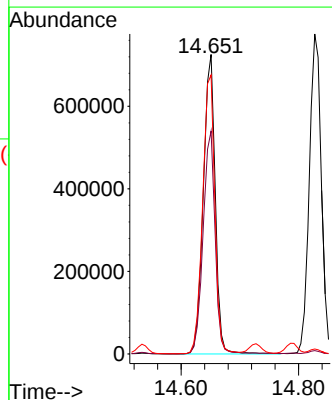
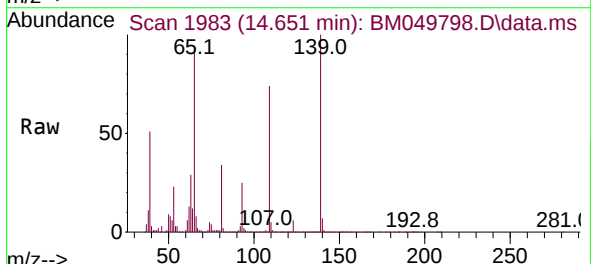
Instrument :
BNA_M
ClientSampleId :
P001-BBDGA-001-01MSD

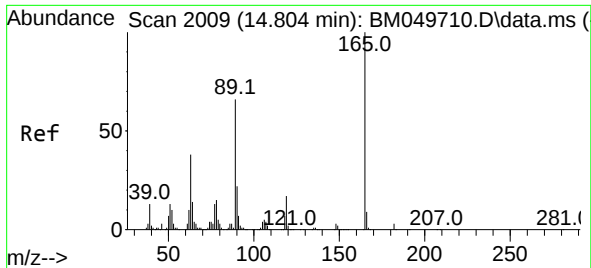
Tgt Ion:168 Resp: 3199926
Ion Ratio Lower Upper
168 100
139 33.8 27.4 41.0
169 13.5 10.7 16.1



#56
4-Nitrophenol
Concen: 128.370 ng
RT: 14.651 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BM049798.D
Acq: 02 Apr 2025 19:57

Tgt Ion:139 Resp: 1019822
Ion Ratio Lower Upper
139 100
109 74.4 54.7 94.7
65 93.2 76.2 116.2

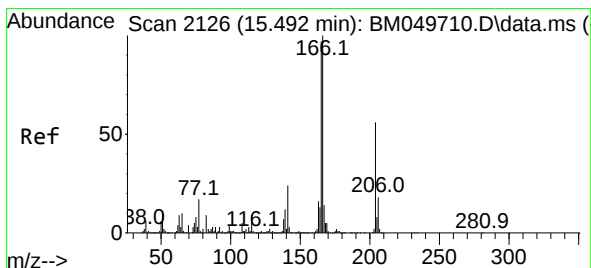
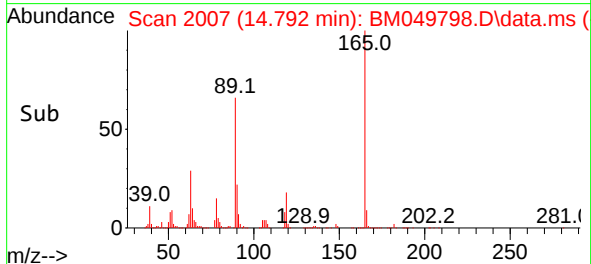
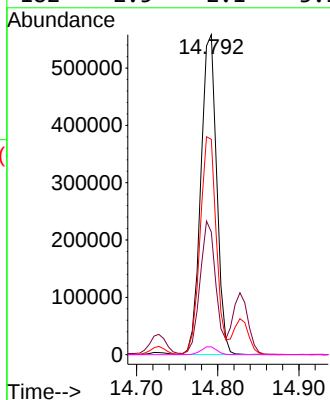
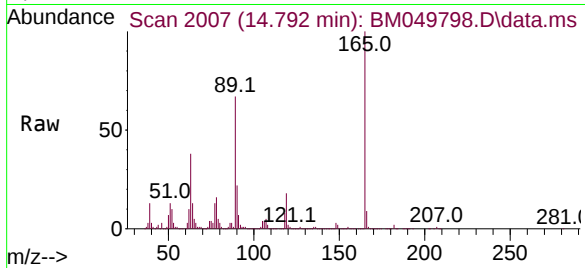




#57
2,4-Dinitrotoluene
Concen: 61.030 ng
RT: 14.792 min Scan# 20
Delta R.T. -0.012 min
Lab File: BM049798.D
Acq: 02 Apr 2025 19:57

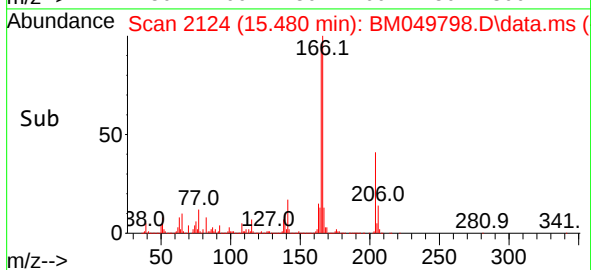
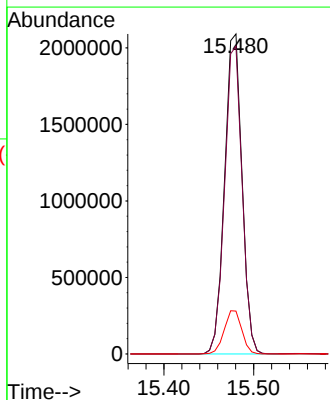
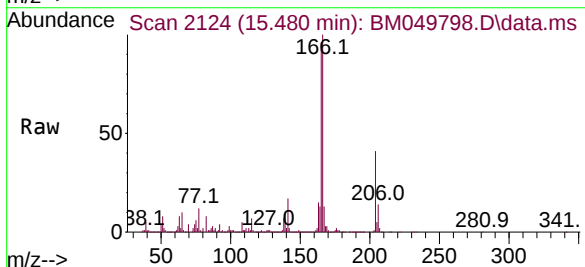
Instrument :
BNA_M
ClientSampleId :
P001-BBDGA-001-01MSD

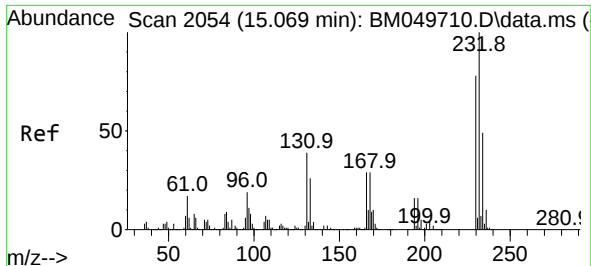
Tgt Ion:165 Resp: 753182
Ion Ratio Lower Upper
165 100
63 38.3 30.8 46.2
89 67.3 53.1 79.7
182 2.5 2.1 3.1



#58
Fluorene
Concen: 54.383 ng
RT: 15.480 min Scan# 2124
Delta R.T. -0.012 min
Lab File: BM049798.D
Acq: 02 Apr 2025 19:57

Tgt Ion:166 Resp: 2821256
Ion Ratio Lower Upper
166 100
165 96.1 77.5 116.3
167 13.4 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 56.842 ng

RT: 15.057 min Scan# 2052

Delta R.T. -0.012 min

Lab File: BM049798.D

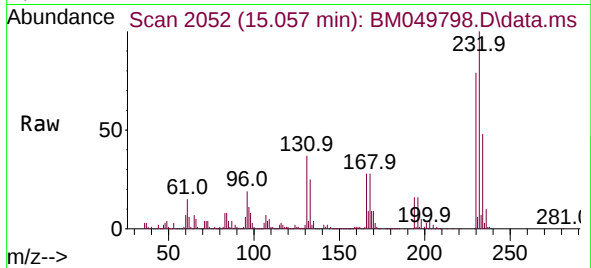
Acq: 02 Apr 2025 19:57

Instrument :

BNA_M

ClientSampleId :

P001-BBDGA-001-01MSD



Tgt Ion:232 Resp: 742619

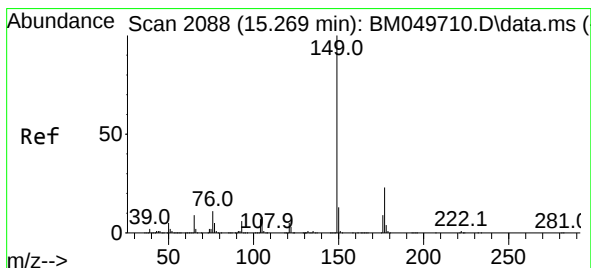
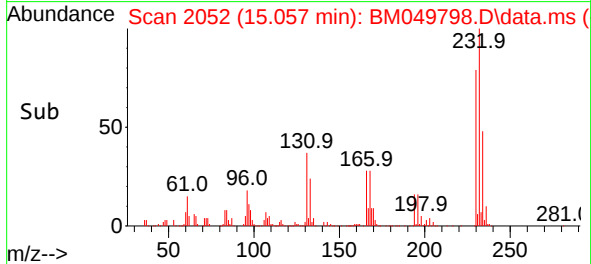
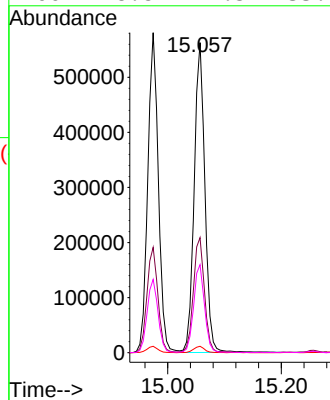
Ion Ratio Lower Upper

232 100

131 38.1 30.0 45.0

130 2.1 1.6 2.4

166 28.8 22.5 33.7



#60

Diethylphthalate

Concen: 54.651 ng

RT: 15.257 min Scan# 2086

Delta R.T. -0.012 min

Lab File: BM049798.D

Acq: 02 Apr 2025 19:57

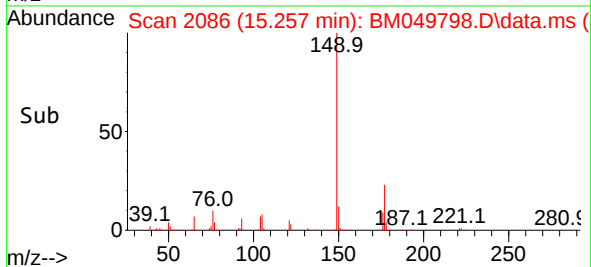
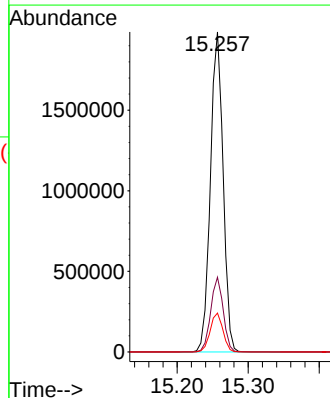
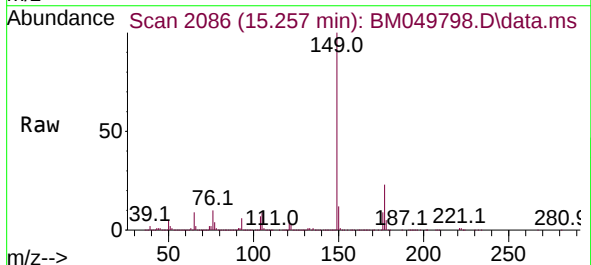
Tgt Ion:149 Resp: 2463725

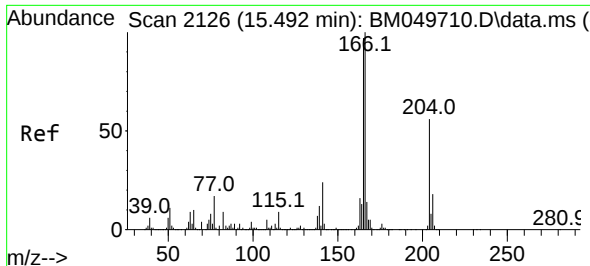
Ion Ratio Lower Upper

149 100

177 23.3 18.2 27.2

150 12.1 10.0 15.0

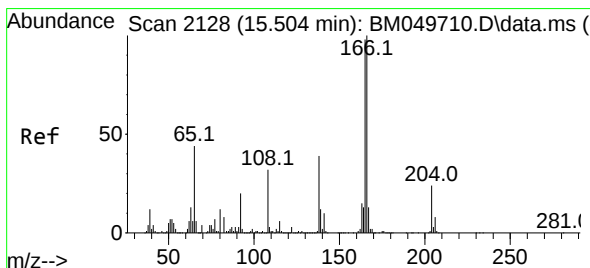
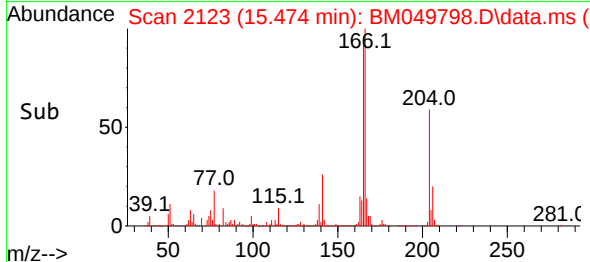
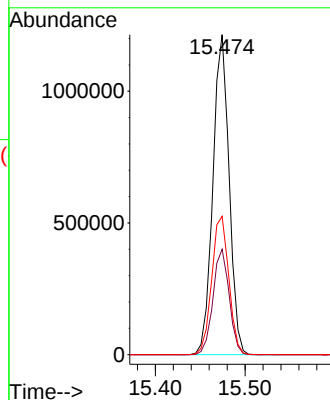
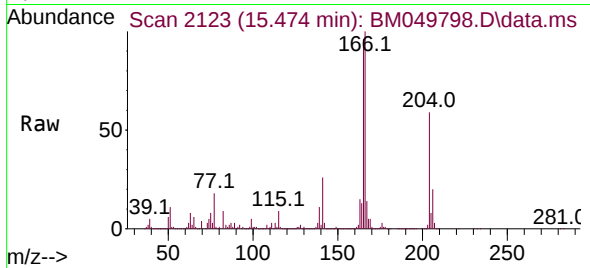




#61
4-Chlorophenyl-phenylether
Concen: 53.735 ng
RT: 15.474 min Scan# 2123
Delta R.T. -0.018 min
Lab File: BM049798.D
Acq: 02 Apr 2025 19:57

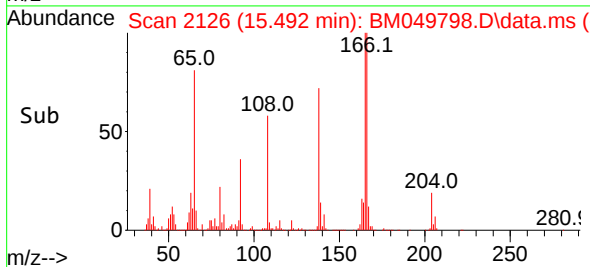
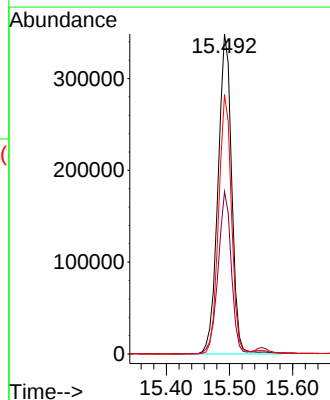
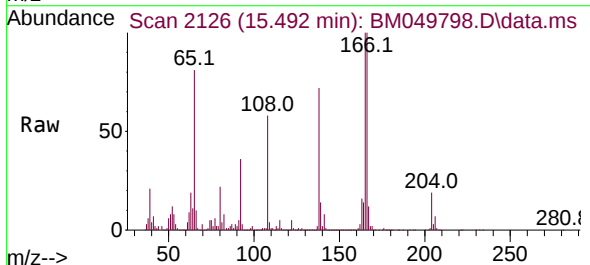
Instrument :
BNA_M
ClientSampleId :
P001-BBDGA-001-01MSD

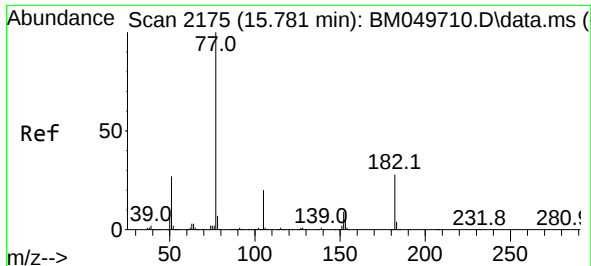
Tgt Ion:204 Resp: 1522216
Ion Ratio Lower Upper
204 100
206 32.9 25.2 37.8
141 43.2 34.5 51.7



#62
4-Nitroaniline
Concen: 48.498 ng
RT: 15.492 min Scan# 2126
Delta R.T. -0.012 min
Lab File: BM049798.D
Acq: 02 Apr 2025 19:57

Tgt Ion:138 Resp: 527095
Ion Ratio Lower Upper
138 100
92 50.8 29.8 69.8
108 81.1 61.3 101.3

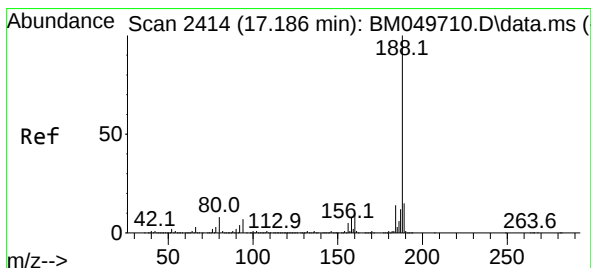
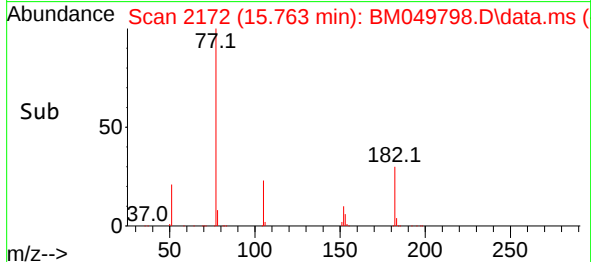
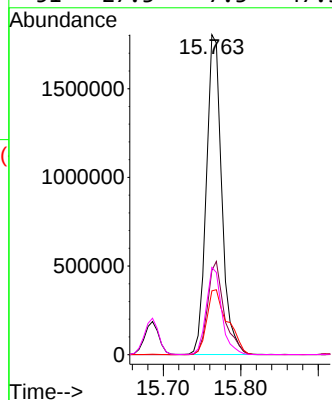
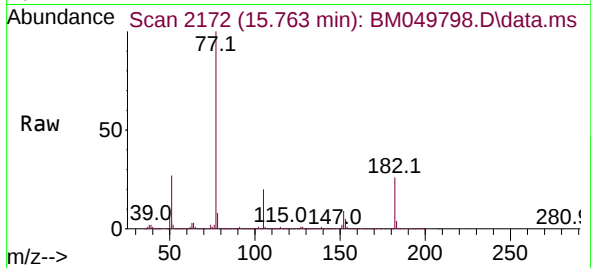




#63
Azobenzene
Concen: 57.796 ng
RT: 15.763 min Scan# 2172
Delta R.T. -0.018 min
Lab File: BM049798.D
Acq: 02 Apr 2025 19:57

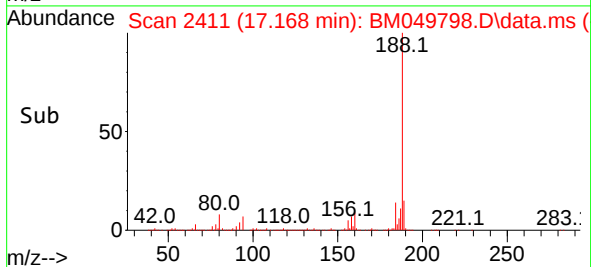
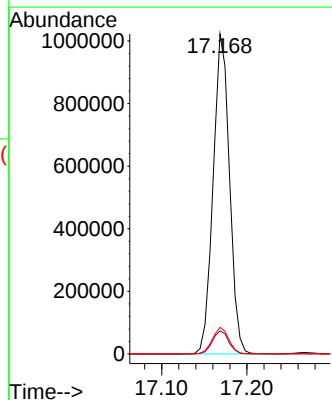
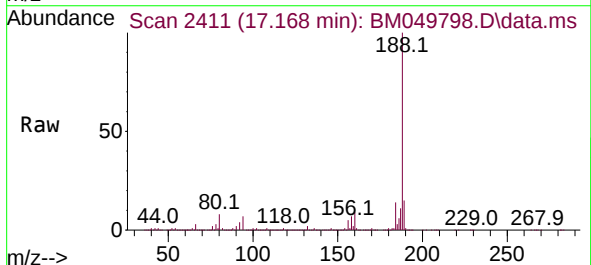
Instrument :
BNA_M
ClientSampleId :
P001-BBDGA-001-01MSD

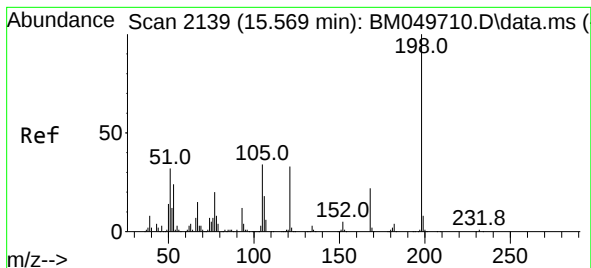
Tgt Ion: 77 Resp: 2488700
Ion Ratio Lower Upper
77 100
182 26.3 8.0 48.0
105 19.9 0.0 40.0
51 27.3 7.3 47.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.168 min Scan# 2411
Delta R.T. -0.018 min
Lab File: BM049798.D
Acq: 02 Apr 2025 19:57

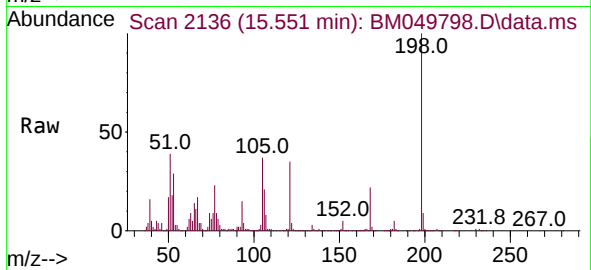
Tgt Ion: 188 Resp: 1362596
Ion Ratio Lower Upper
188 100
94 7.2 5.8 8.6
80 8.3 6.3 9.5



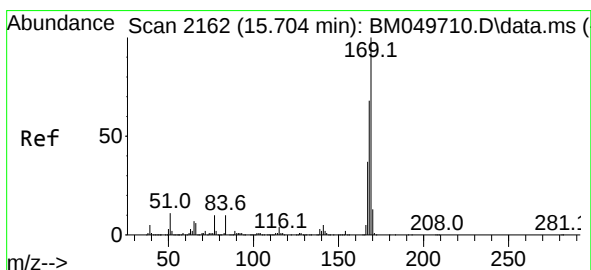
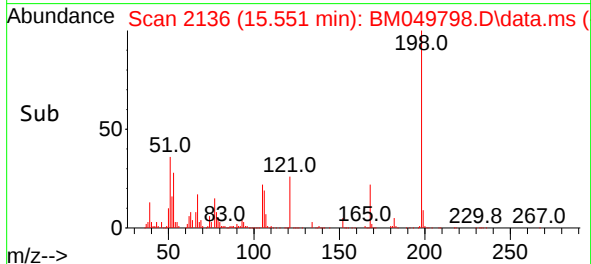
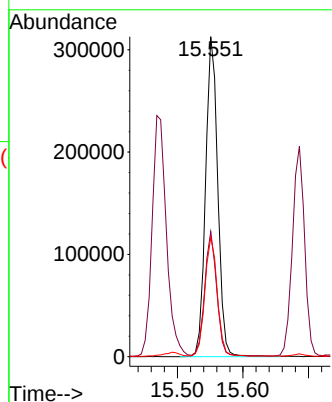


#65
4,6-Dinitro-2-methylphenol
Concen: 53.086 ng
RT: 15.551 min Scan# 2136
Delta R.T. -0.018 min
Lab File: BM049798.D
Acq: 02 Apr 2025 19:57

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

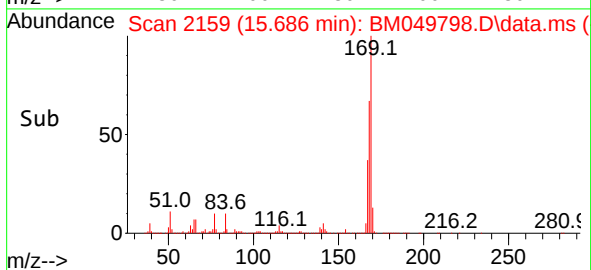
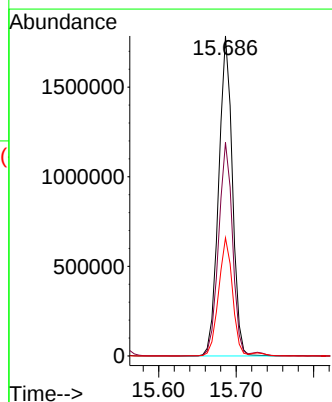
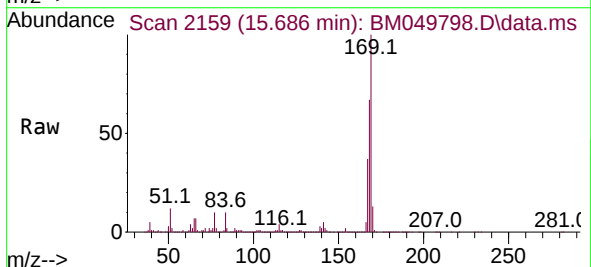


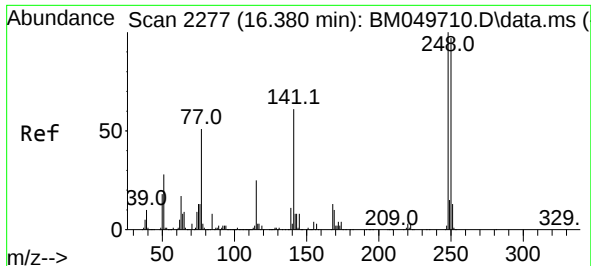
Tgt Ion:198 Resp: 404706
Ion Ratio Lower Upper
198 100
51 39.1 13.8 53.8
105 37.4 14.0 54.0



#66
n-Nitrosodiphenylamine
Concen: 53.164 ng
RT: 15.686 min Scan# 2159
Delta R.T. -0.018 min
Lab File: BM049798.D
Acq: 02 Apr 2025 19:57

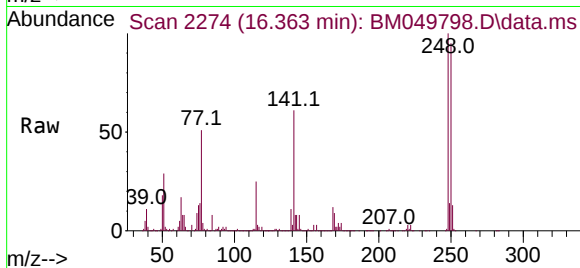
Tgt Ion:169 Resp: 2194801
Ion Ratio Lower Upper
169 100
168 66.7 54.8 82.2
167 36.9 29.9 44.9



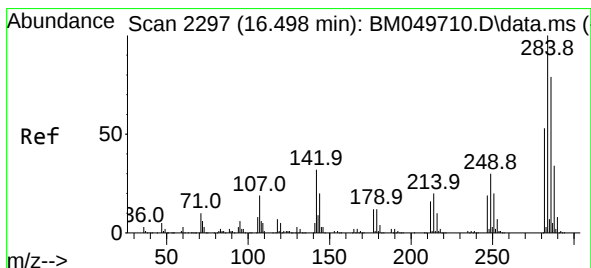
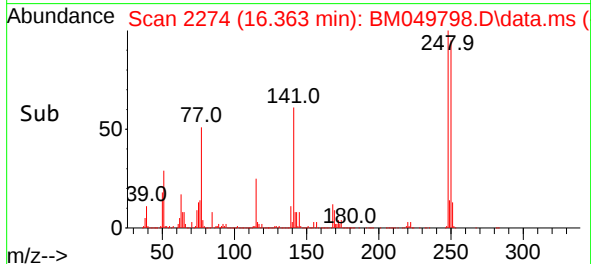
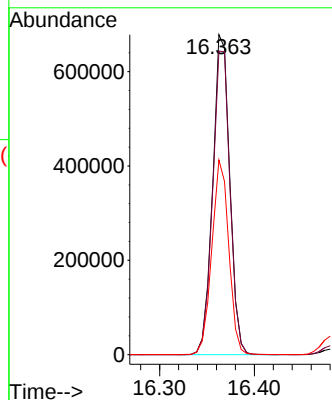


#67
4-Bromophenyl-phenylether
Concen: 53.889 ng
RT: 16.363 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM049798.D
Acq: 02 Apr 2025 19:57

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

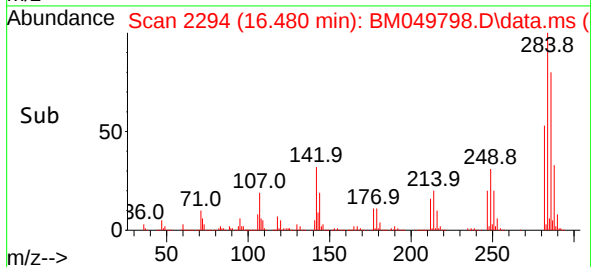
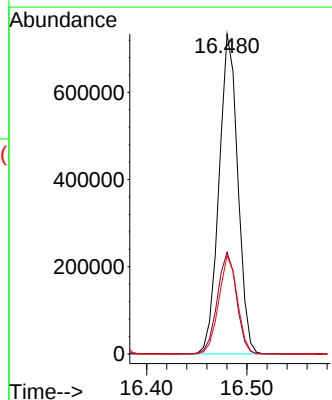
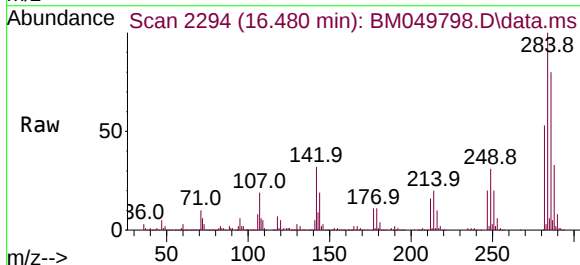


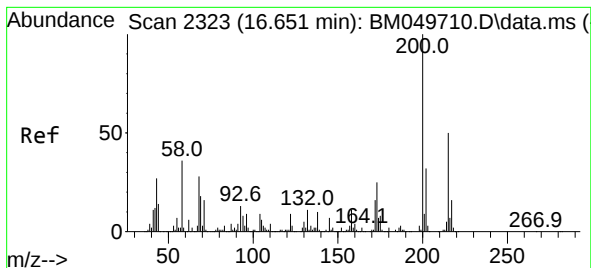
Tgt Ion:248 Resp: 847792
Ion Ratio Lower Upper
248 100
250 94.9 77.9 116.9
141 60.9 48.6 73.0



#68
Hexachlorobenzene
Concen: 53.935 ng
RT: 16.480 min Scan# 2294
Delta R.T. -0.018 min
Lab File: BM049798.D
Acq: 02 Apr 2025 19:57

Tgt Ion:284 Resp: 954172
Ion Ratio Lower Upper
284 100
142 31.8 25.5 38.3
249 30.8 24.2 36.2





#69

Atrazine

Concen: 87.768 ng

RT: 16.639 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM049798.D

Acq: 02 Apr 2025 19:57

Instrument :

BNA_M

ClientSampleId :

P001-BBDGA-001-01MSD

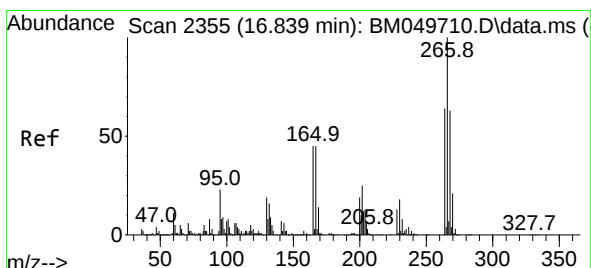
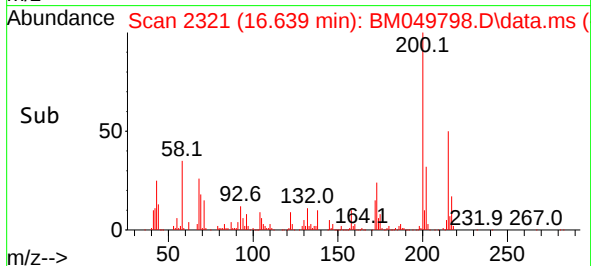
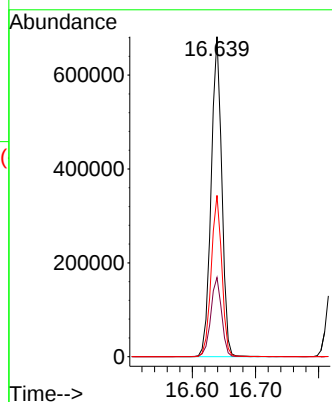
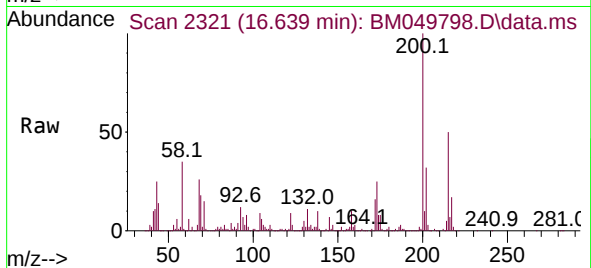
Tgt Ion:200 Resp: 798537

Ion Ratio Lower Upper

200 100

173 24.8 5.4 45.4

215 50.4 29.8 69.8



#70

Pentachlorophenol

Concen: 123.098 ng

RT: 16.827 min Scan# 2353

Delta R.T. -0.012 min

Lab File: BM049798.D

Acq: 02 Apr 2025 19:57

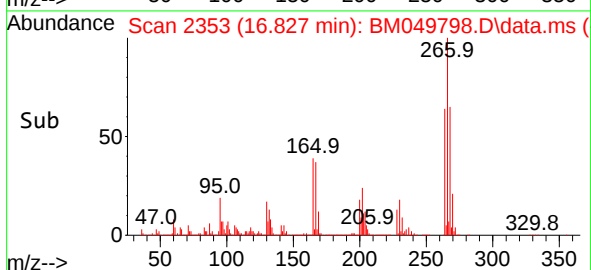
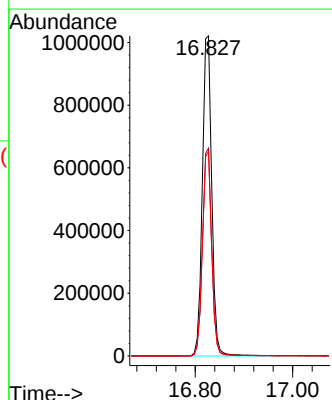
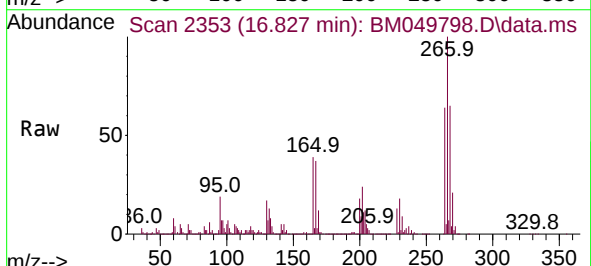
Tgt Ion:266 Resp: 1368549

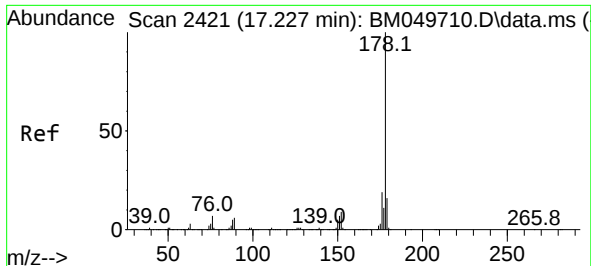
Ion Ratio Lower Upper

266 100

268 64.9 50.2 75.2

264 64.0 51.3 76.9

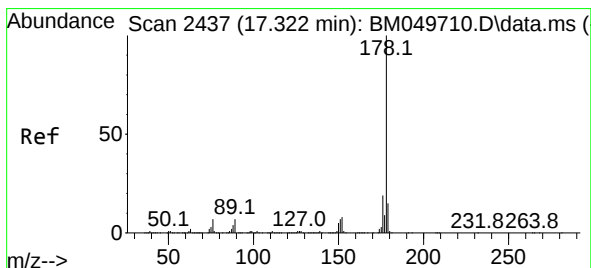
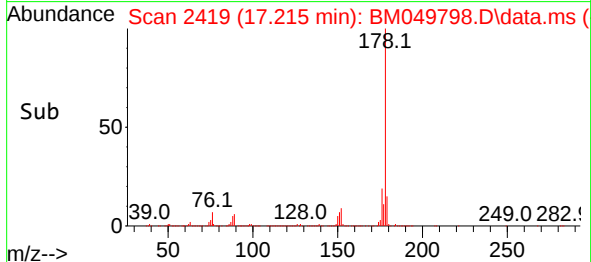
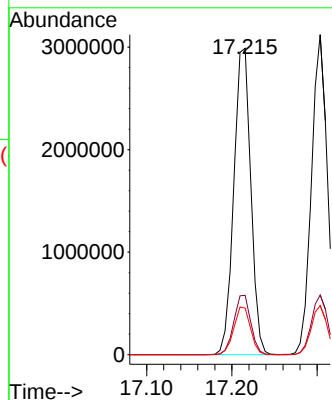
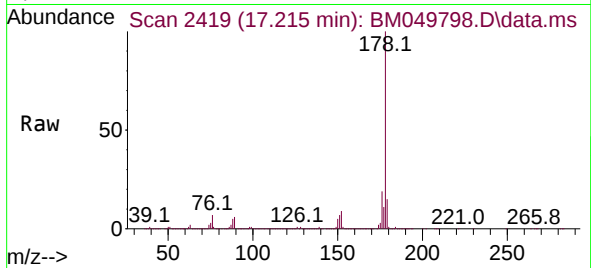




#71
Phenanthrene
Concen: 54.812 ng
RT: 17.215 min Scan# 2421
Delta R.T. -0.012 min
Lab File: BM049798.D
Acq: 02 Apr 2025 19:57

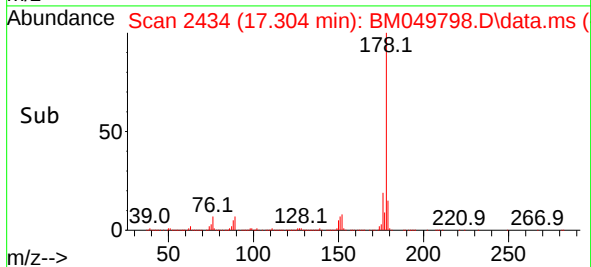
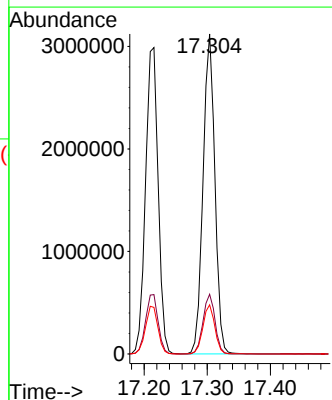
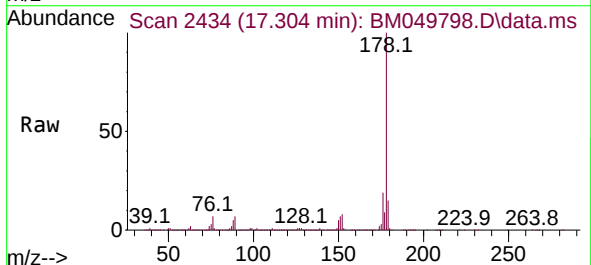
Instrument :
BNA_M
ClientSampleId :
P001-BBDGA-001-01MSD

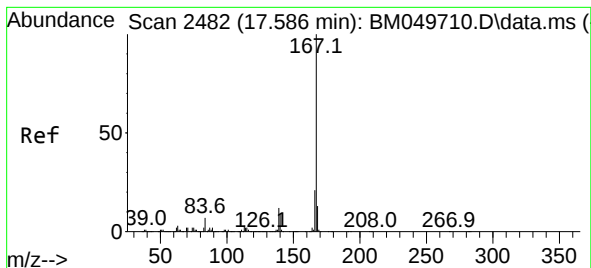
Tgt Ion:178 Resp: 4147164
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.2 12.5 18.7



#72
Anthracene
Concen: 55.267 ng
RT: 17.304 min Scan# 2434
Delta R.T. -0.018 min
Lab File: BM049798.D
Acq: 02 Apr 2025 19:57

Tgt Ion:178 Resp: 4049681
Ion Ratio Lower Upper
178 100
176 18.6 15.1 22.7
179 15.4 12.4 18.6





#73

Carbazole

Concen: 56.141 ng

RT: 17.574 min Scan# 24

Delta R.T. -0.012 min

Lab File: BM049798.D

Acq: 02 Apr 2025 19:57

Instrument :

BNA_M

ClientSampleId :

P001-BBDGA-001-01MSD

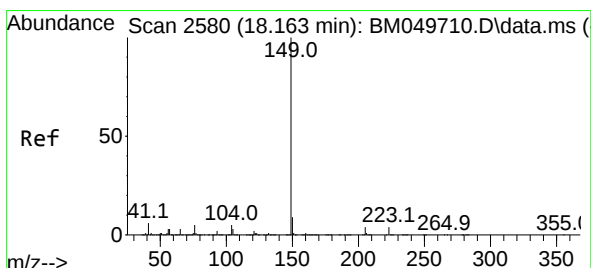
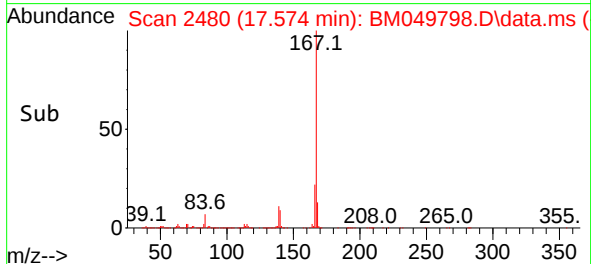
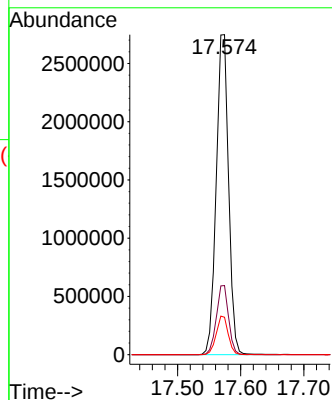
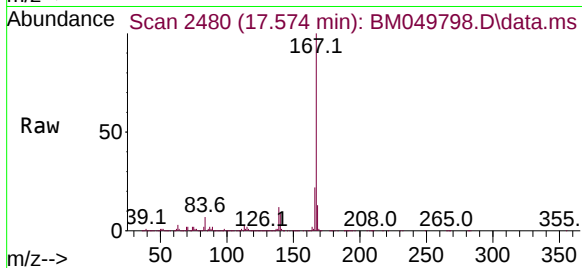
Tgt Ion:167 Resp: 3725531

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: 58.904 ng

RT: 18.139 min Scan# 2576

Delta R.T. -0.024 min

Lab File: BM049798.D

Acq: 02 Apr 2025 19:57

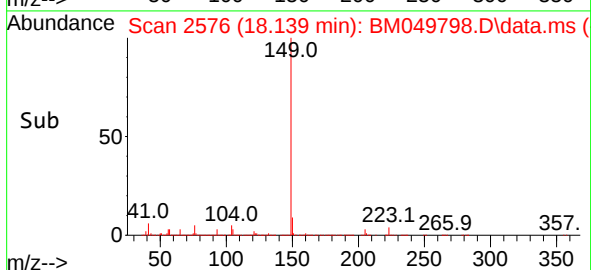
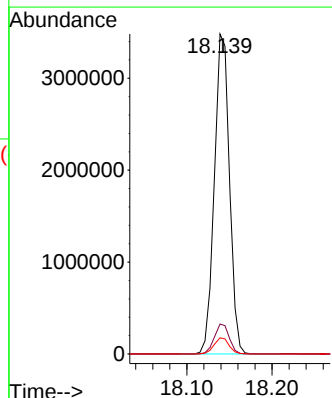
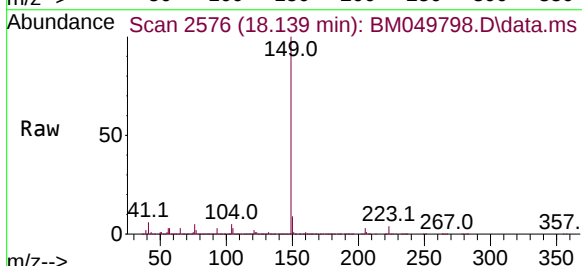
Tgt Ion:149 Resp: 4284273

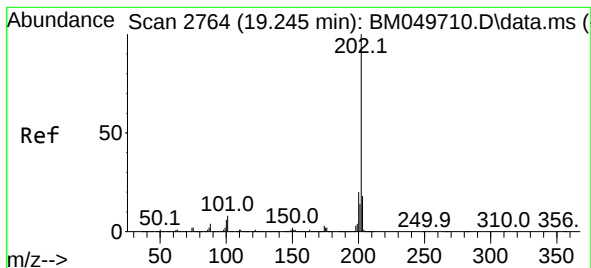
Ion Ratio Lower Upper

149 100

150 9.4 7.2 10.8

104 5.1 3.9 5.9





#75

Fluoranthene

Concen: 57.842 ng

RT: 19.227 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM049798.D

Acq: 02 Apr 2025 19:57

Instrument :

BNA_M

ClientSampleId :

P001-BBDGA-001-01MSD

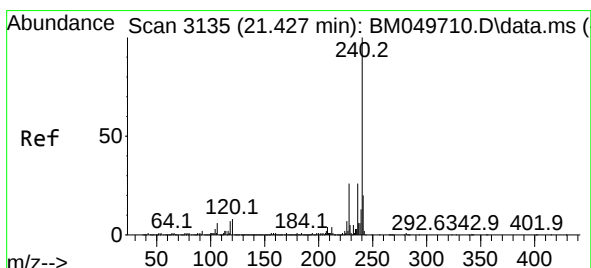
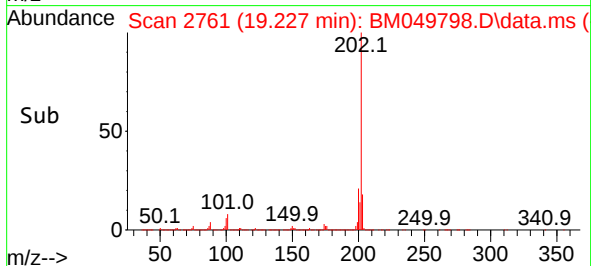
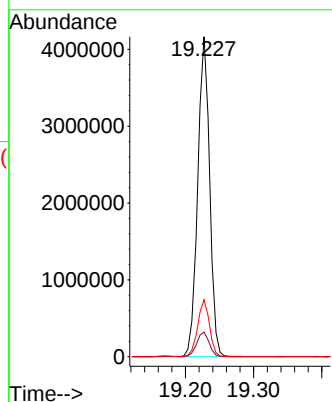
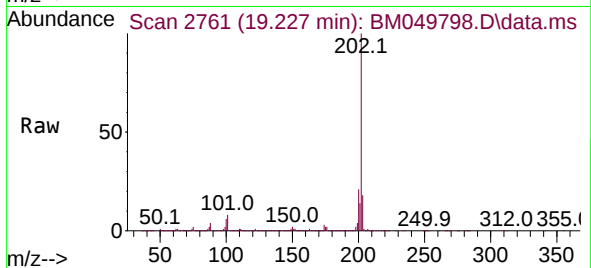
Tgt Ion:202 Resp: 5038510

Ion Ratio Lower Upper

202 100

101 7.7 0.0 27.8

203 17.8 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: BM049798.D

Acq: 02 Apr 2025 19:57

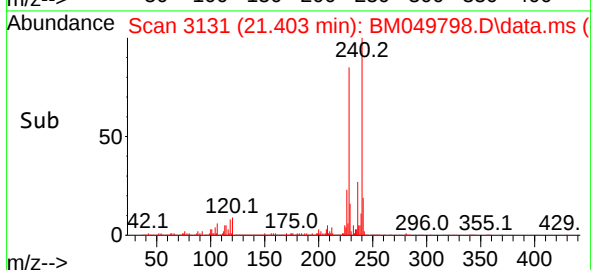
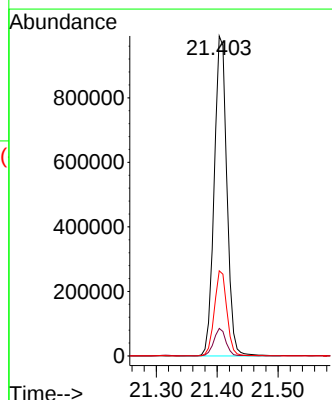
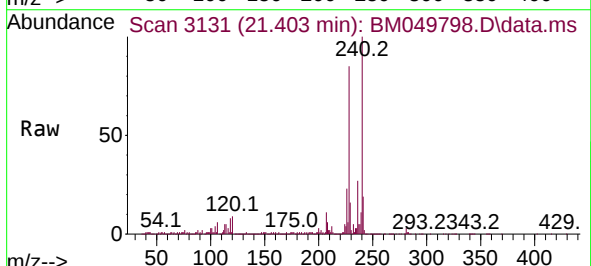
Tgt Ion:240 Resp: 1430633

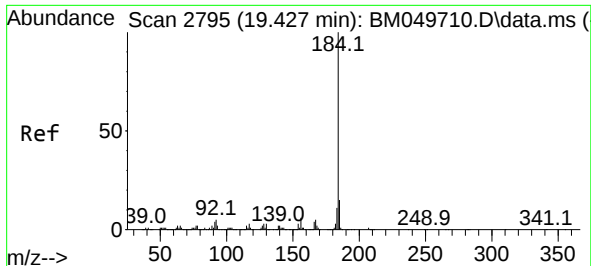
Ion Ratio Lower Upper

240 100

120 8.6 6.5 9.7

236 26.6 20.7 31.1

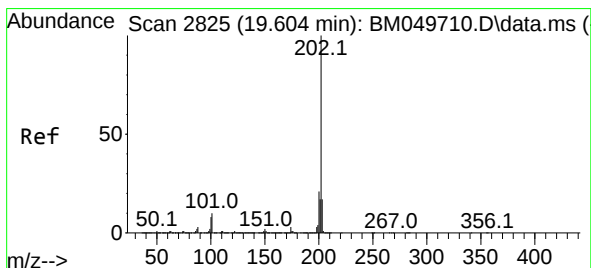
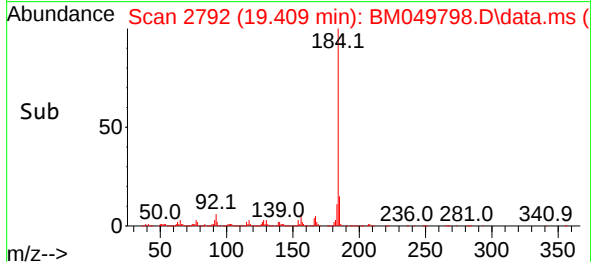
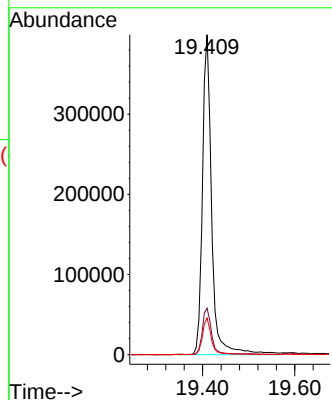
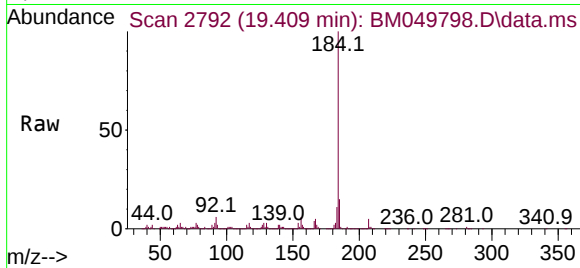




#77
Benzidine
Concen: 32.537 ng
RT: 19.409 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM049798.D
Acq: 02 Apr 2025 19:57

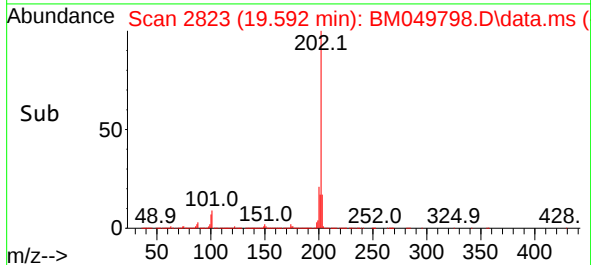
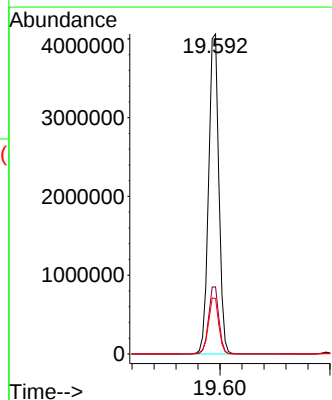
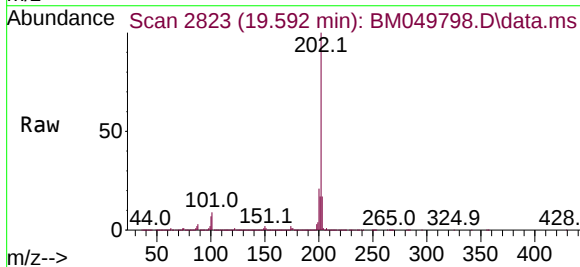
Instrument :
BNA_M
ClientSampleId :
P001-BBDGA-001-01MSD

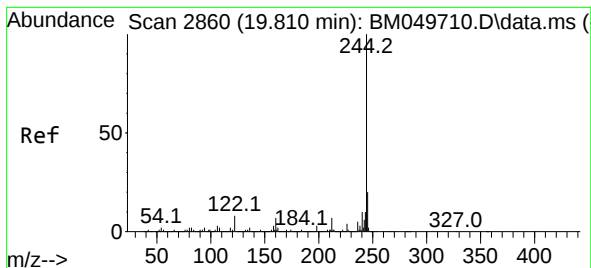
Tgt Ion:184 Resp: 559238
Ion Ratio Lower Upper
184 100
185 14.5 11.7 17.5
183 11.4 8.8 13.2



#78
Pyrene
Concen: 52.250 ng
RT: 19.592 min Scan# 2823
Delta R.T. -0.012 min
Lab File: BM049798.D
Acq: 02 Apr 2025 19:57

Tgt Ion:202 Resp: 5222522
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.4
203 17.3 14.0 21.0





#79

Terphenyl-d14

Concen: 82.927 ng

RT: 19.792 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM049798.D

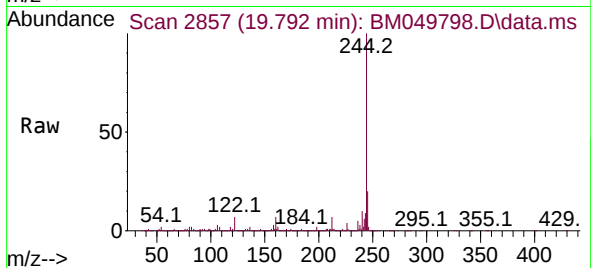
Acq: 02 Apr 2025 19:57

Instrument :

BNA_M

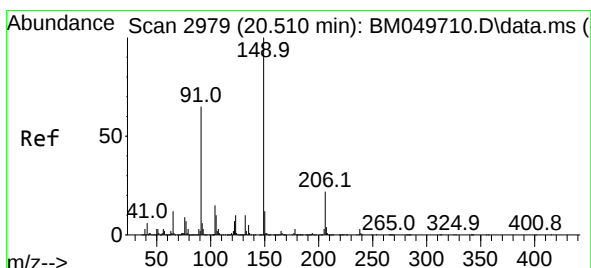
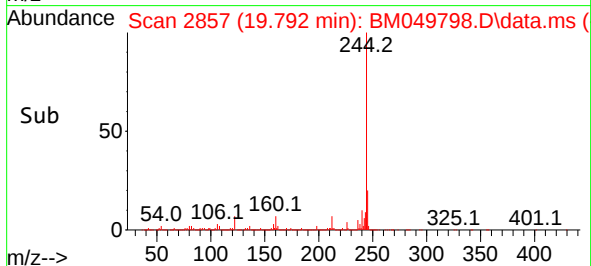
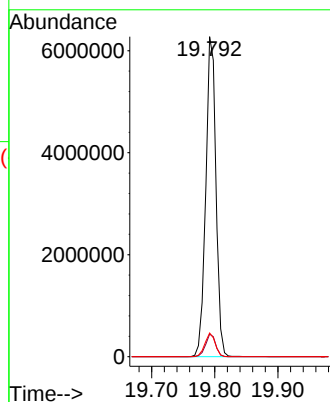
ClientSampleId :

P001-BBDGA-001-01MSD



Tgt Ion:244 Resp: 7040353

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	7.4	6.0	9.0



#80

Butylbenzylphthalate

Concen: 61.043 ng

RT: 20.492 min Scan# 2976

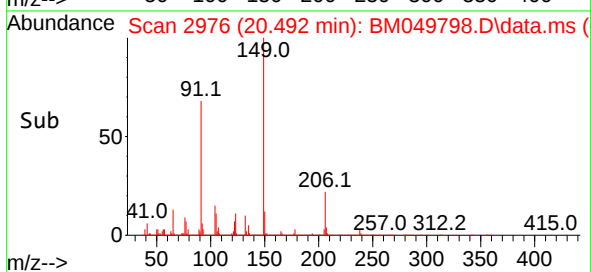
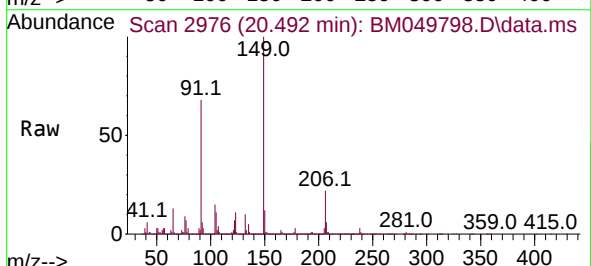
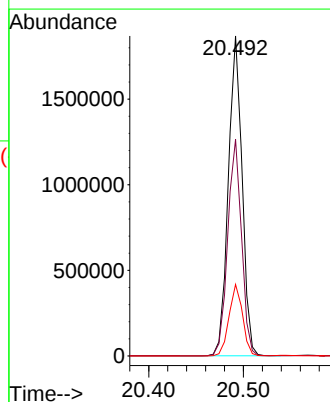
Delta R.T. -0.018 min

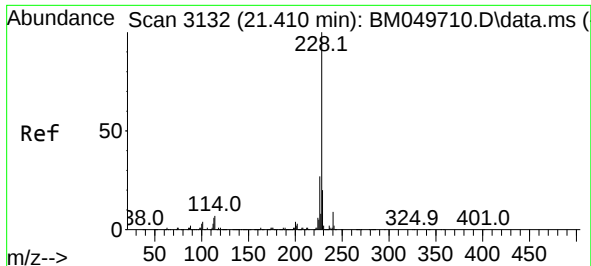
Lab File: BM049798.D

Acq: 02 Apr 2025 19:57

Tgt Ion:149 Resp: 1893502

Ion	Ratio	Lower	Upper
149	100		
91	67.7	52.2	78.4
206	22.3	17.6	26.4

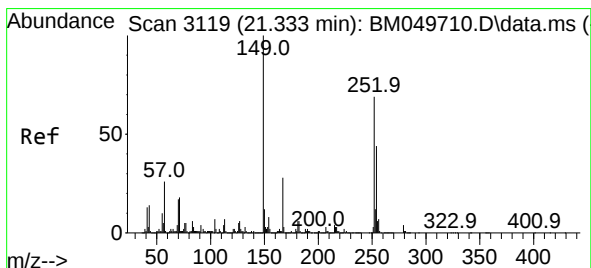
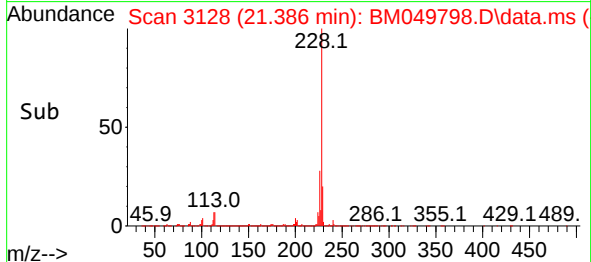
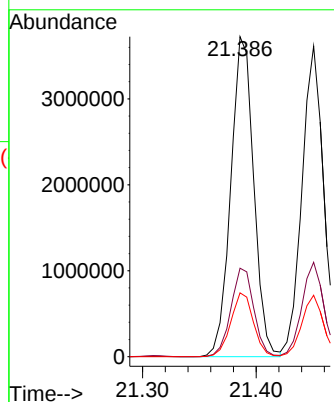
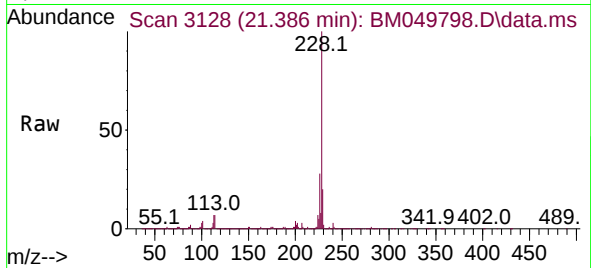




#81
Benzo(a)anthracene
Concen: 54.641 ng
RT: 21.386 min Scan# 3112
Delta R.T. -0.024 min
Lab File: BM049798.D
Acq: 02 Apr 2025 19:57

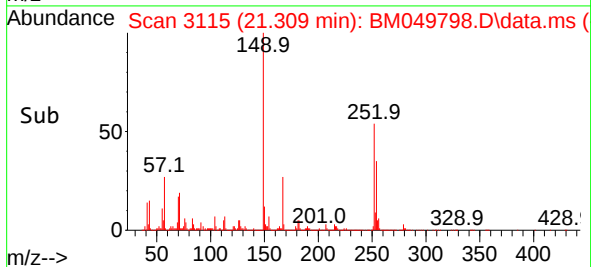
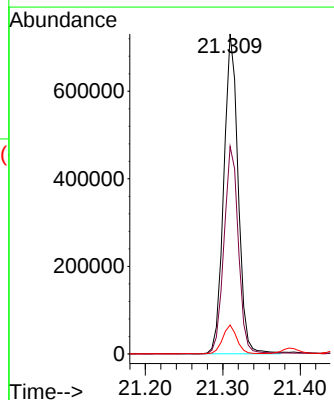
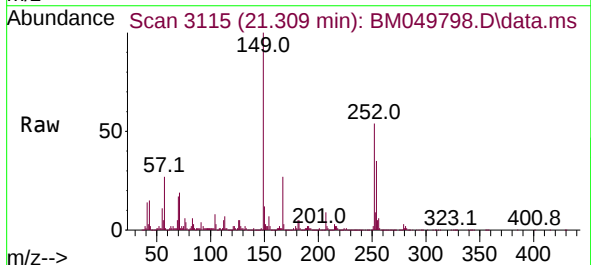
Instrument :
BNA_M
ClientSampleId :
P001-BBDGA-001-01MSD

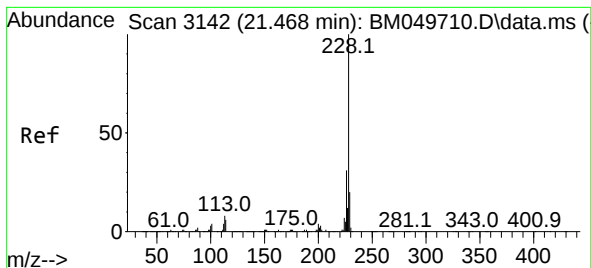
Tgt Ion:228 Resp: 5221360
Ion Ratio Lower Upper
228 100
226 27.7 22.0 33.0
229 20.0 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 30.367 ng
RT: 21.309 min Scan# 3115
Delta R.T. -0.024 min
Lab File: BM049798.D
Acq: 02 Apr 2025 19:57

Tgt Ion:252 Resp: 944757
Ion Ratio Lower Upper
252 100
254 64.9 51.0 76.4
126 9.0 6.3 9.5





#83

Chrysene

Concen: 52.951 ng

RT: 21.450 min Scan# 31

Delta R.T. -0.018 min

Lab File: BM049798.D

Acq: 02 Apr 2025 19:57

Instrument :

BNA_M

ClientSampleId :

P001-BBDGA-001-01MSD

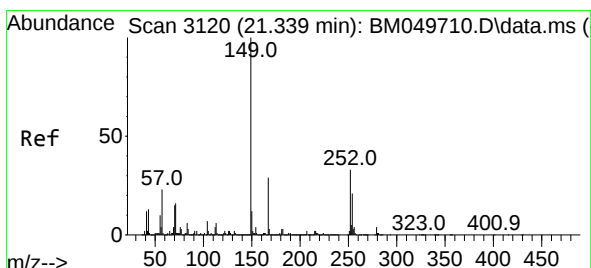
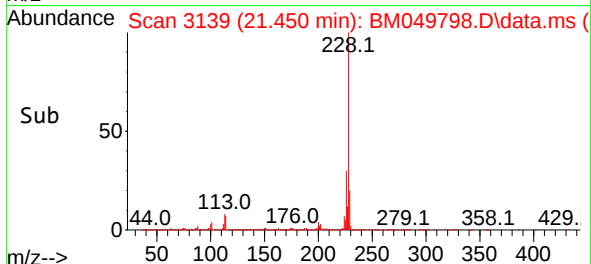
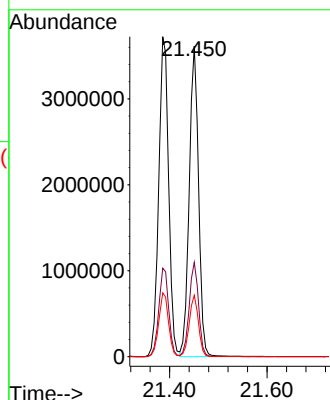
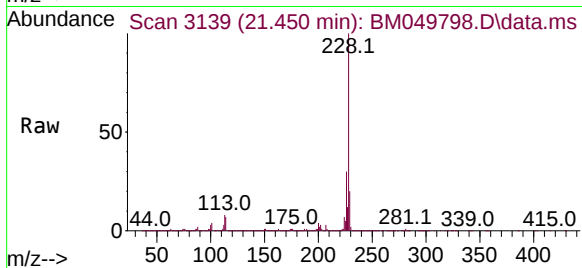
Tgt Ion:228 Resp: 4796380

Ion Ratio Lower Upper

228 100

226 30.4 24.5 36.7

229 19.8 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.773 ng

RT: 21.315 min Scan# 3116

Delta R.T. -0.024 min

Lab File: BM049798.D

Acq: 02 Apr 2025 19:57

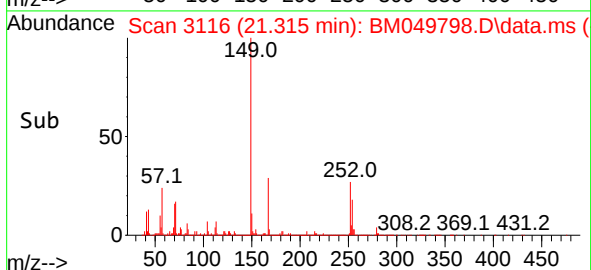
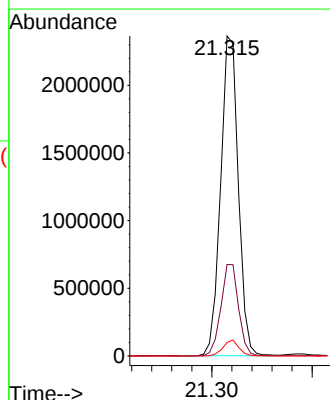
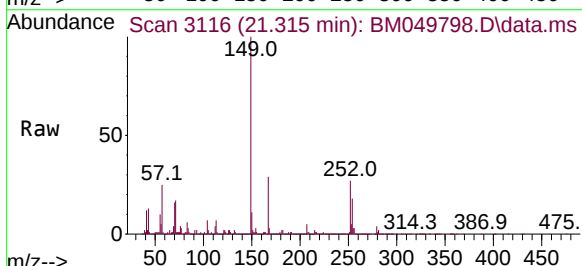
Tgt Ion:149 Resp: 2889532

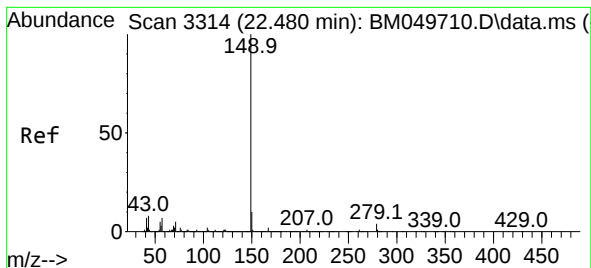
Ion Ratio Lower Upper

149 100

167 28.6 22.9 34.3

279 4.2 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 61.837 ng

RT: 22.456 min Scan# 31

Delta R.T. -0.024 min

Lab File: BM049798.D

Acq: 02 Apr 2025 19:57

Instrument :

BNA_M

ClientSampleId :

P001-BBDGA-001-01MSD

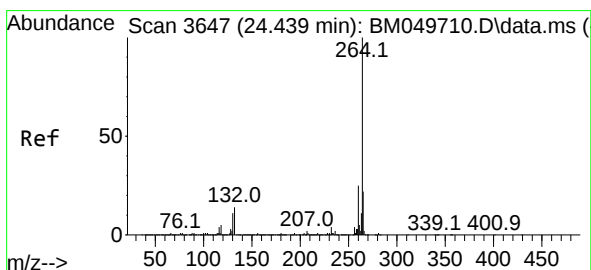
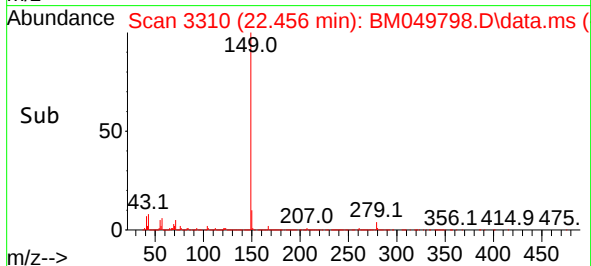
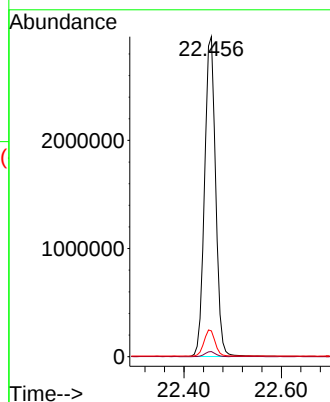
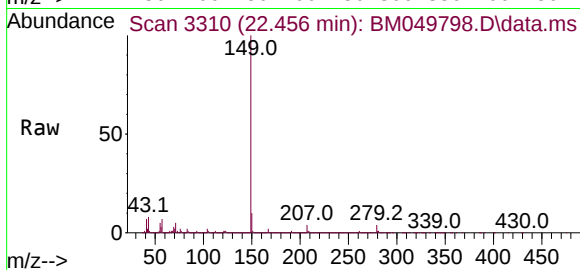
Tgt Ion:149 Resp: 4646221

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 8.2 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: BM049798.D

Acq: 02 Apr 2025 19:57

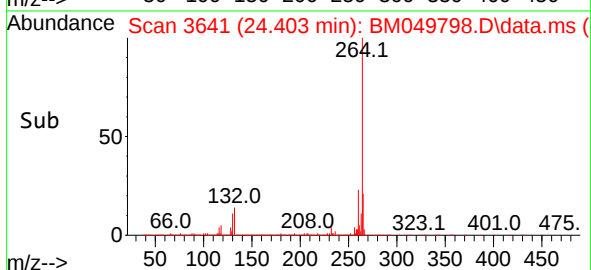
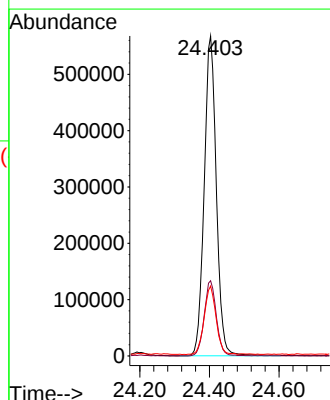
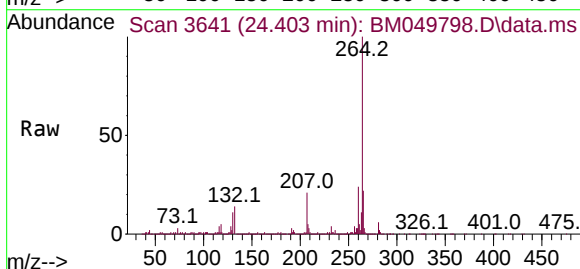
Tgt Ion:264 Resp: 1371215

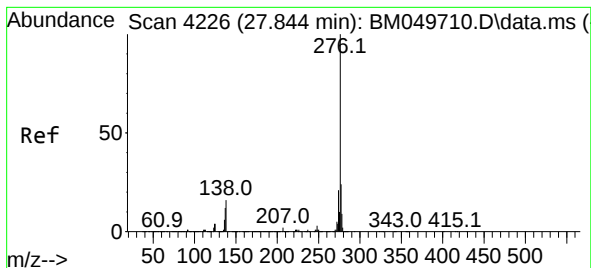
Ion Ratio Lower Upper

264 100

260 23.5 19.6 29.4

265 21.9 18.2 27.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 57.282 ng

RT: 27.791 min Scan# 41

Delta R.T. -0.053 min

Lab File: BM049798.D

Acq: 02 Apr 2025 19:57

Instrument :

BNA_M

ClientSampleId :

P001-BBDGA-001-01MSD

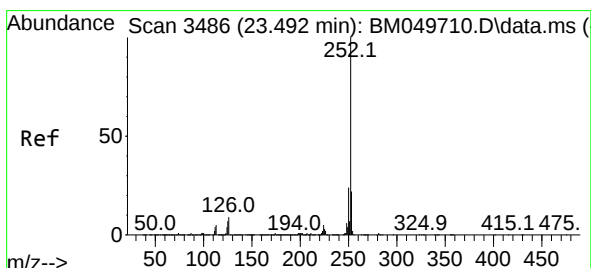
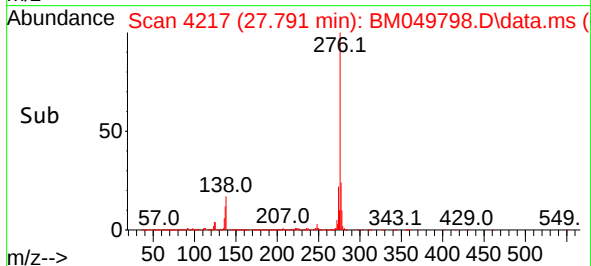
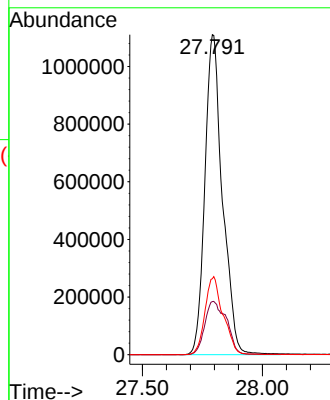
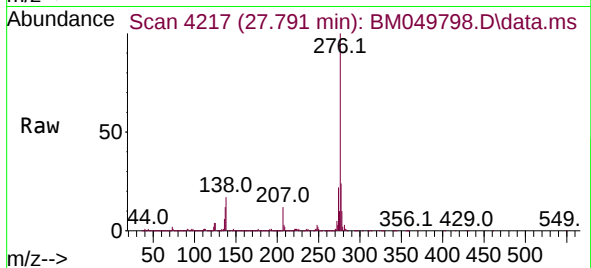
Tgt Ion:276 Resp: 5653397

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: 53.435 ng

RT: 23.462 min Scan# 3481

Delta R.T. -0.030 min

Lab File: BM049798.D

Acq: 02 Apr 2025 19:57

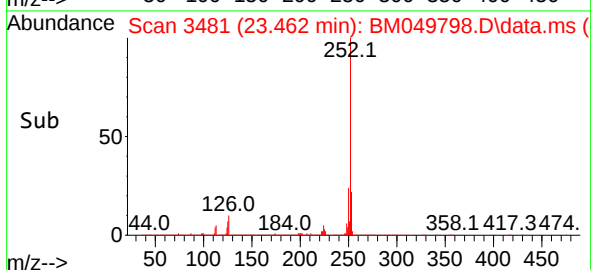
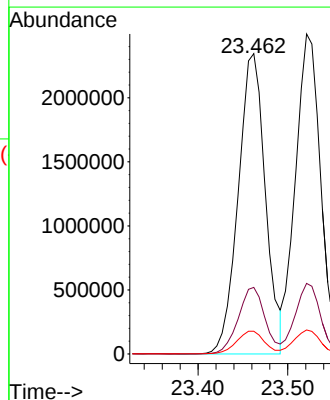
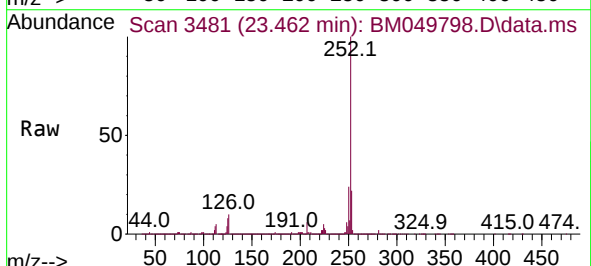
Tgt Ion:252 Resp: 4935088

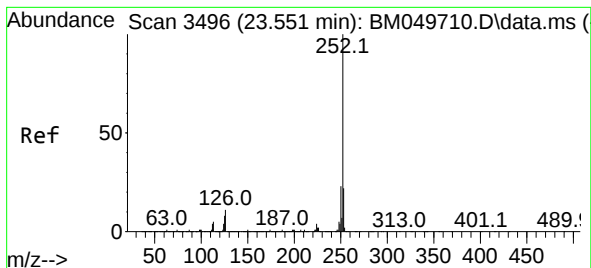
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 7.5 5.9 8.9





#89

Benzo(k)fluoranthene

Concen: 53.838 ng

RT: 23.521 min Scan# 34

Delta R.T. -0.030 min

Lab File: BM049798.D

Acq: 02 Apr 2025 19:57

Instrument :

BNA_M

ClientSampleId :

P001-BBDGA-001-01MSD

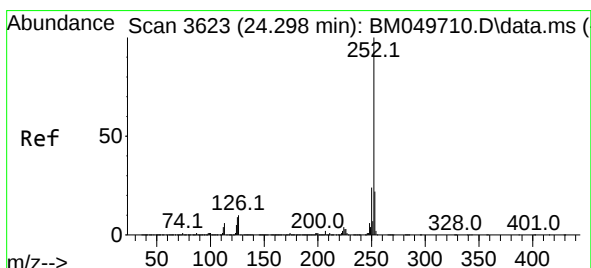
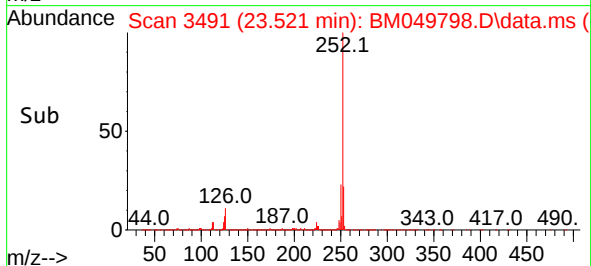
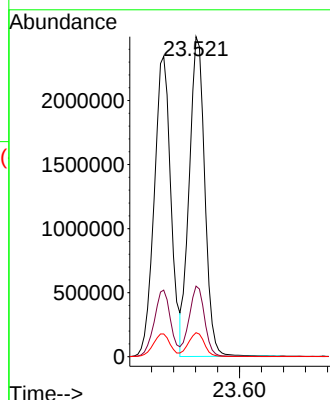
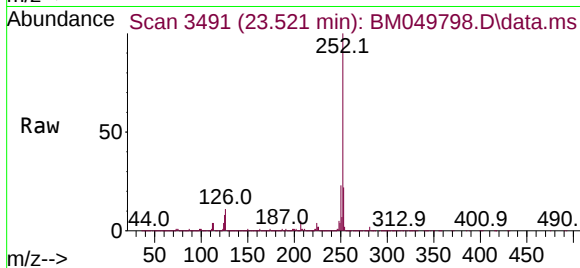
Tgt Ion:252 Resp: 4892618

Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 7.5 6.2 9.2



#90

Benzo(a)pyrene

Concen: 58.883 ng

RT: 24.262 min Scan# 3617

Delta R.T. -0.036 min

Lab File: BM049798.D

Acq: 02 Apr 2025 19:57

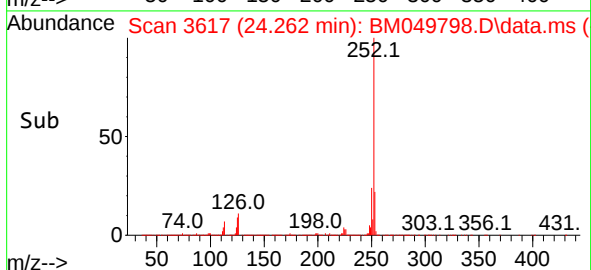
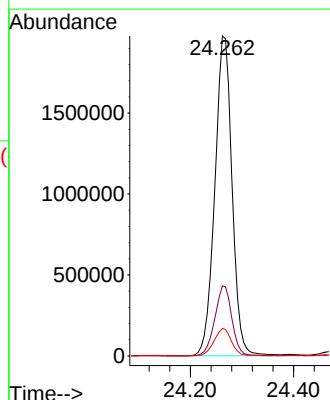
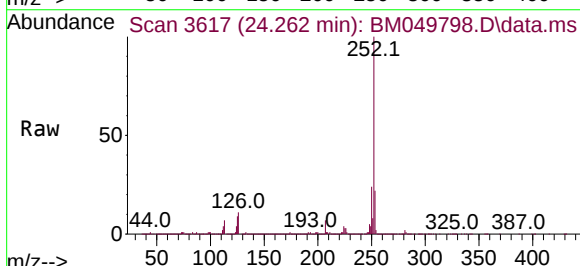
Tgt Ion:252 Resp: 4567868

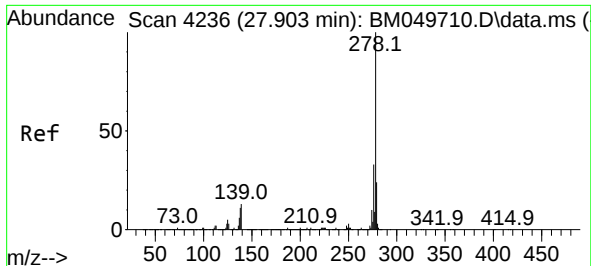
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 8.6 7.0 10.6

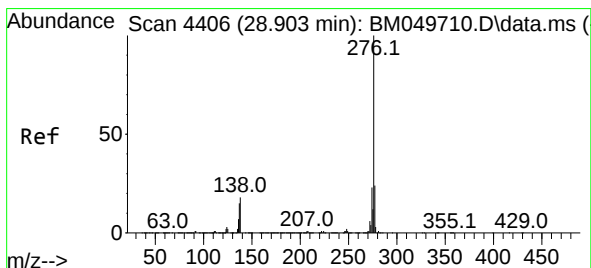
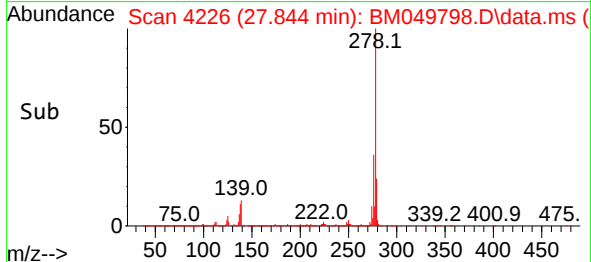
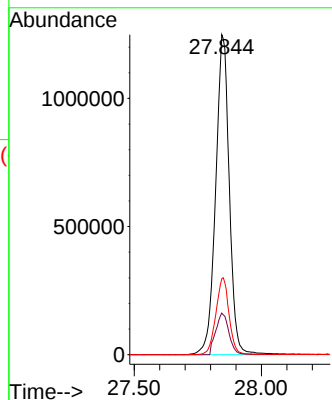
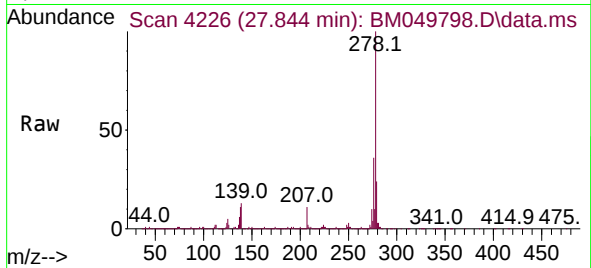




#91
Dibenzo(a,h)anthracene
Concen: 56.582 ng
RT: 27.844 min Scan# 41
Delta R.T. -0.059 min
Lab File: BM049798.D
Acq: 02 Apr 2025 19:57

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

Tgt Ion:278 Resp: 4652577
Ion Ratio Lower Upper
278 100
139 13.0 10.1 15.1
279 23.8 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 53.310 ng
RT: 28.844 min Scan# 4396
Delta R.T. -0.059 min
Lab File: BM049798.D
Acq: 02 Apr 2025 19:57

Tgt Ion:276 Resp: 4415458
Ion Ratio Lower Upper
276 100
277 23.5 18.8 28.2
138 17.8 14.0 21.0

