

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031225\
 Data File : BM049703.D
 Acq On : 12 Mar 2025 21:17
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM031225

Quant Time: Mar 13 01:54:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 01:48:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	454353	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	1551523	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	971209	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	1840094	20.000	ng	0.00
76) Chrysene-d12	21.427	240	1816236	20.000	ng	0.00
86) Perylene-d12	24.444	264	1674480	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	2029327	75.489	ng	0.00
7) Phenol-d6	6.981	99	2576829	72.248	ng	0.00
23) Nitrobenzene-d5	8.963	82	2185694	73.265	ng	0.00
42) 2,4,6-Tribromophenol	15.933	330	1031990	76.185	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	5923717	81.514	ng	0.00
79) Terphenyl-d14	19.815	244	8779072	82.175	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.281	88	415227	36.885	ng 97
3) Pyridine	3.681	79	1095394m	35.509	ng
4) n-Nitrosodimethylamine	3.593	42	435134	33.478	ng 89
6) Aniline	7.140	93	1110074	36.709	ng 96
8) 2-Chlorophenol	7.375	128	1035267	37.778	ng 97
9) Benzaldehyde	6.946	77	571108	34.374	ng 97
10) Phenol	7.010	94	1239101	35.827	ng 96
11) bis(2-Chloroethyl)ether	7.234	93	988750	35.727	ng 99
12) 1,3-Dichlorobenzene	7.698	146	1233560	38.096	ng 98
13) 1,4-Dichlorobenzene	7.846	146	1239335	37.873	ng 98
14) 1,2-Dichlorobenzene	8.163	146	1189960	37.897	ng 97
15) Benzyl Alcohol	8.045	79	816668	35.157	ng 97
16) 2,2'-oxybis(1-Chloropr...	8.340	45	1090094	33.779	ng 98
17) 2-Methylphenol	8.257	107	766948	36.649	ng 98
18) Hexachloroethane	8.892	117	428011	37.346	ng 96
19) n-Nitroso-di-n-propyla...	8.616	70	732001	34.164	ng 96
20) 3+4-Methylphenols	8.581	107	1040241	36.113	ng 97
22) Acetophenone	8.628	105	1492148	37.149	ng # 97
24) Nitrobenzene	9.004	77	1031981	36.395	ng 98
25) Isophorone	9.534	82	1791773	36.497	ng 100
26) 2-Nitrophenol	9.716	139	514197	41.699	ng 93
27) 2,4-Dimethylphenol	9.781	122	625474	39.068	ng 99
28) bis(2-Chloroethoxy)met...	10.016	93	1233210	36.958	ng 99
29) 2,4-Dichlorophenol	10.257	162	1021254	39.745	ng 98
30) 1,2,4-Trichlorobenzene	10.469	180	1183996	38.468	ng 99
31) Naphthalene	10.651	128	3098142	38.680	ng 99
32) Benzoic acid	9.922	122	578485	38.833	ng 93
33) 4-Chloroaniline	10.763	127	1100056	38.297	ng 98
34) Hexachlorobutadiene	10.945	225	726766	38.687	ng 98
35) Caprolactam	11.545	113	256529	36.328	ng 97
36) 4-Chloro-3-methylphenol	11.892	107	874268	36.871	ng 99
37) 2-Methylnaphthalene	12.269	142	2200755	37.808	ng 98
38) 1-Methylnaphthalene	12.486	142	2135932	37.809	ng 100
40) 1,2,4,5-Tetrachloroben...	12.639	216	1347901	39.888	ng 99
41) Hexachlorocyclopentadiene	12.622	237	512335	42.035	ng 100
43) 2,4,6-Trichlorophenol	12.880	196	811561	41.064	ng 98

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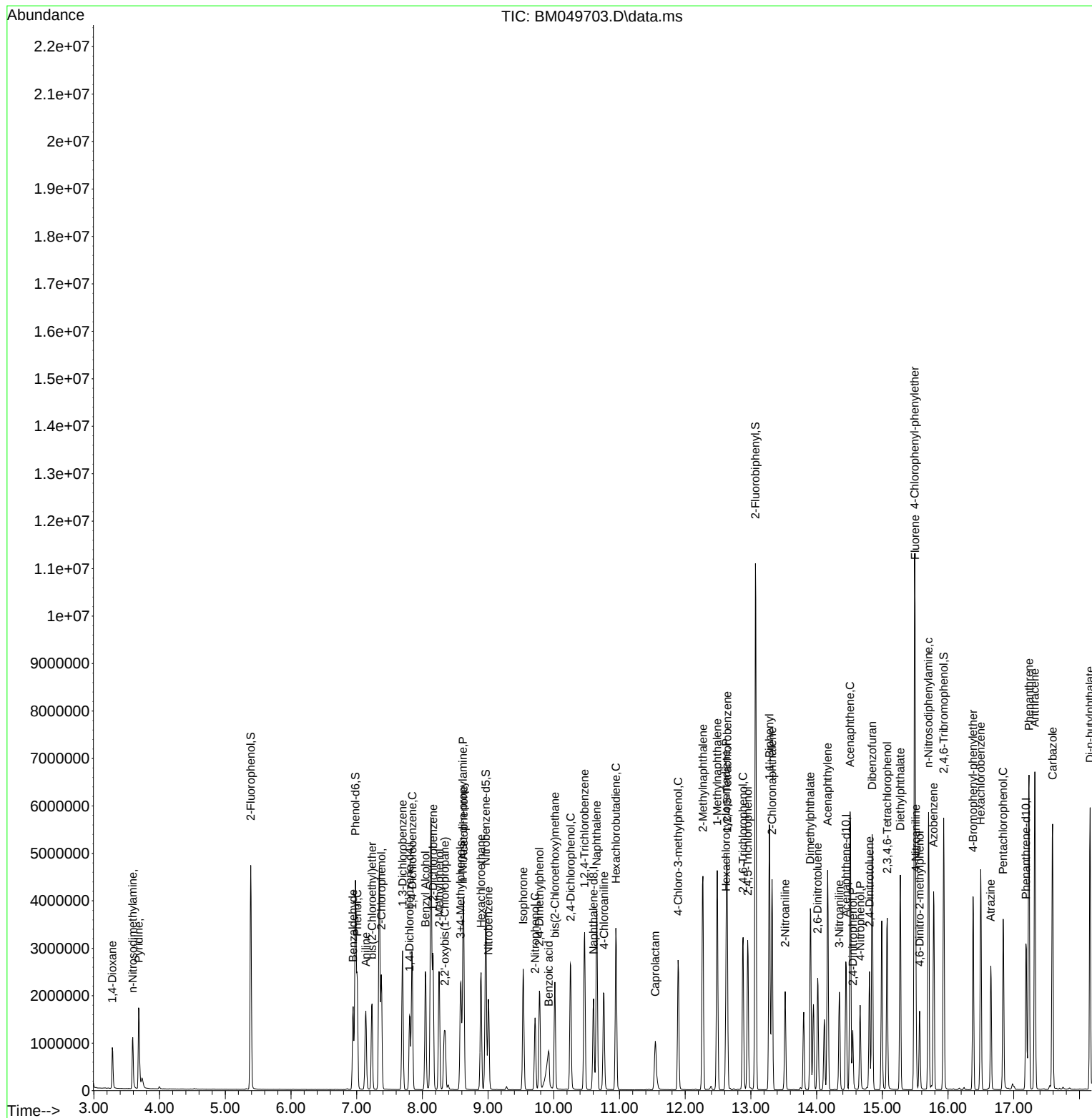
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.951	196	872401	40.078	ng	98
46) 1,1'-Biphenyl	13.280	154	2893812	40.135	ng	99
47) 2-Chloronaphthalene	13.322	162	2241971	39.931	ng	99
48) 2-Nitroaniline	13.522	65	503794	37.504	ng	90
49) Acenaphthylene	14.169	152	3243706	39.995	ng	99
50) Dimethylphthalate	13.904	163	2623953	38.384	ng	99
51) 2,6-Dinitrotoluene	14.016	165	551267	39.956	ng	94
52) Acenaphthene	14.510	154	2107256	39.460	ng	99
53) 3-Nitroaniline	14.345	138	534250	39.626	ng	96
54) 2,4-Dinitrophenol	14.551	184	284599	39.245	ng	93
55) Dibenzofuran	14.845	168	3481083	38.946	ng	99
56) 4-Nitrophenol	14.663	139	453463	38.290	ng	94
57) 2,4-Dinitrotoluene	14.804	165	735045	39.972	ng	97
58) Fluorene	15.498	166	2848859	38.673	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.074	232	739352	38.976	ng	99
60) Diethylphthalate	15.274	149	2508303	38.271	ng	99
61) 4-Chlorophenyl-phenyle...	15.492	204	1556345	38.411	ng	99
62) 4-Nitroaniline	15.510	138	563348	39.576	ng	95
63) Azobenzene	15.780	77	2237130	36.786	ng	98
65) 4,6-Dinitro-2-methylph...	15.569	198	396052	40.452	ng	97
66) n-Nitrosodiphenylamine	15.704	169	2245148	40.566	ng	99
67) 4-Bromophenyl-phenylether	16.380	248	847333	39.726	ng	97
68) Hexachlorobenzene	16.498	284	943219	39.482	ng	99
69) Atrazine	16.651	200	483525	38.734	ng	97
70) Pentachlorophenol	16.839	266	610376	40.622	ng	98
71) Phenanthrene	17.233	178	4032031	39.848	ng	100
72) Anthracene	17.321	178	4007823	40.537	ng	100
73) Carbazole	17.592	167	3628830	39.637	ng	99
74) Di-n-butylphthalate	18.162	149	4120842	41.816	ng	100
75) Fluoranthene	19.245	202	4775884	40.403	ng	99
77) Benzidine	19.427	184	882611	53.093	ng	100
78) Pyrene	19.609	202	4923894	40.202	ng	99
80) Butylbenzylphthalate	20.509	149	1659566	41.973	ng	95
81) Benzo(a)anthracene	21.409	228	4696557	40.057	ng	99
82) 3,3'-Dichlorobenzidine	21.333	252	1541885	42.604	ng	99
83) Chrysene	21.474	228	4472518	40.778	ng	99
84) Bis(2-ethylhexyl)phtha...	21.339	149	2624454	44.136	ng	99
85) Di-n-octyl phthalate	22.486	149	4011974	40.941	ng	98
87) Indeno(1,2,3-cd)pyrene	27.850	276	4581158	41.615	ng	99
88) Benzo(b)fluoranthene	23.492	252	4326960	37.718	ng	100
89) Benzo(k)fluoranthene	23.556	252	4395877	39.367	ng	100
90) Benzo(a)pyrene	24.303	252	3693632	38.707	ng	100
91) Dibenzo(a,h)anthracene	27.909	278	3824359	41.640	ng	99
92) Benzo(g,h,i)perylene	28.915	276	3773360	41.611	ng	100

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

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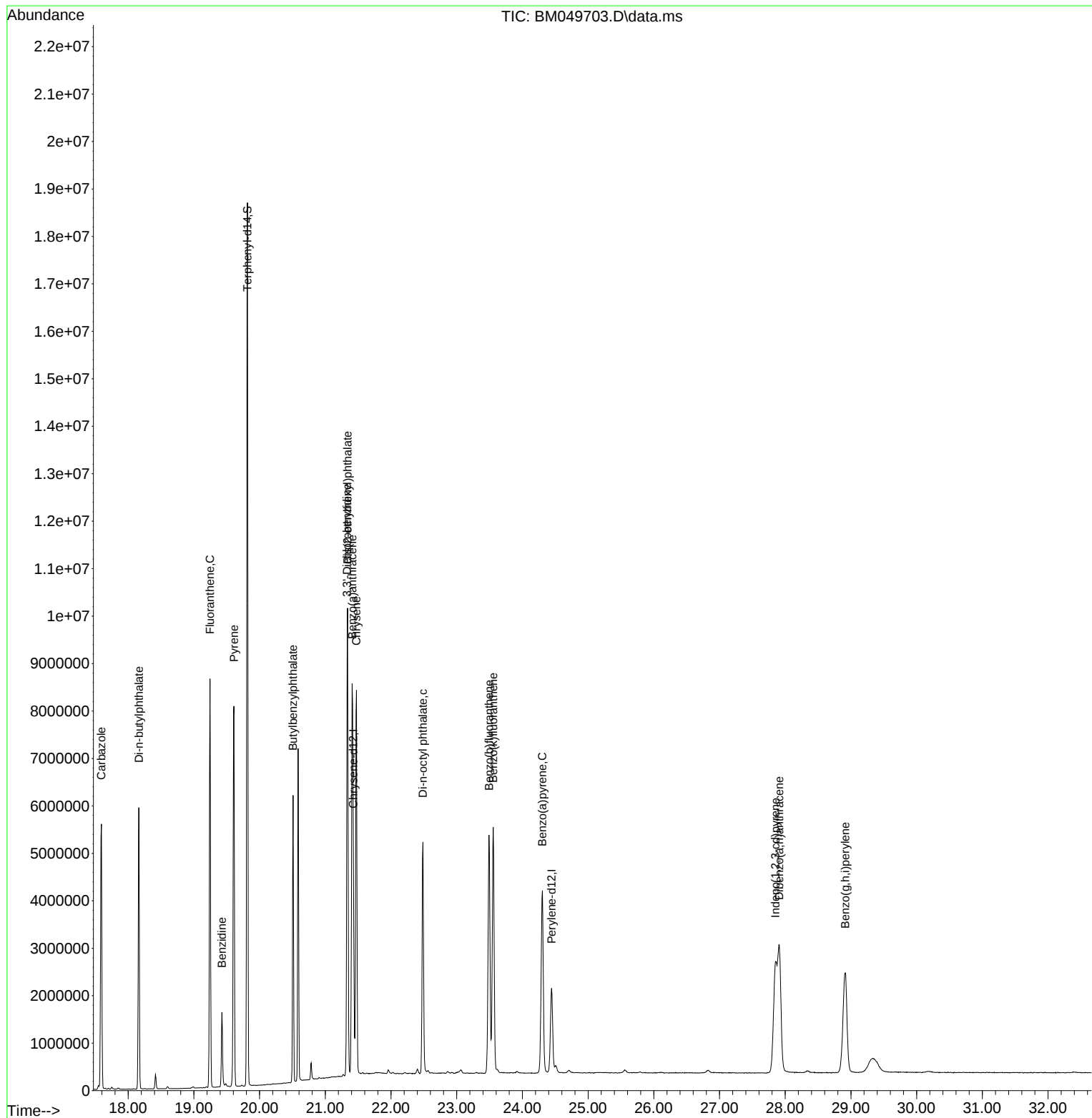
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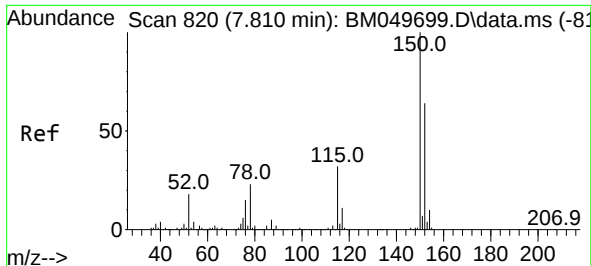


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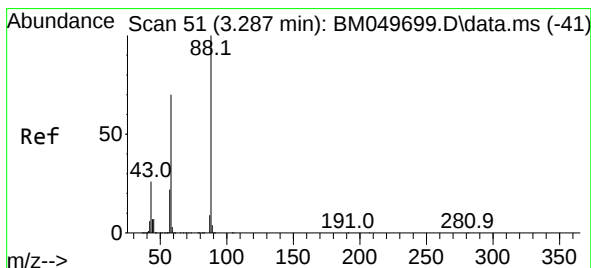
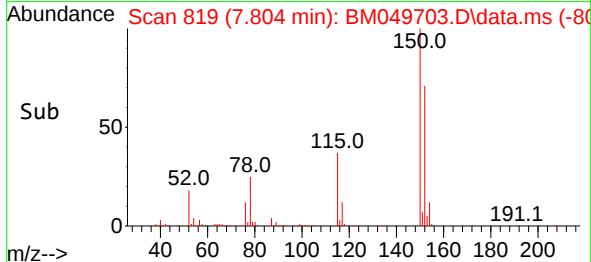
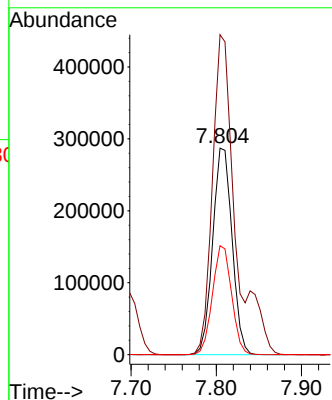
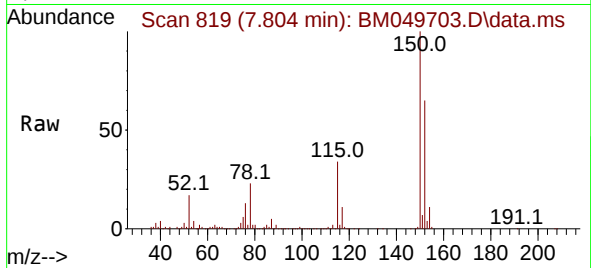




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM049703.D
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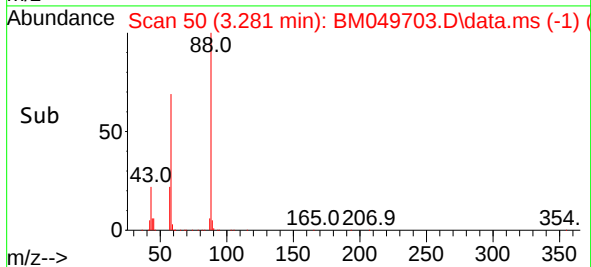
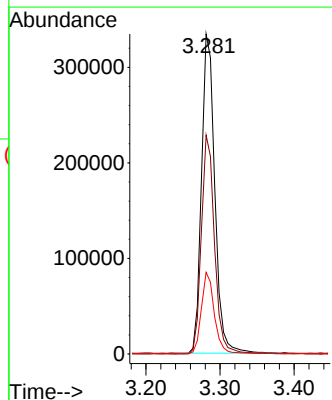
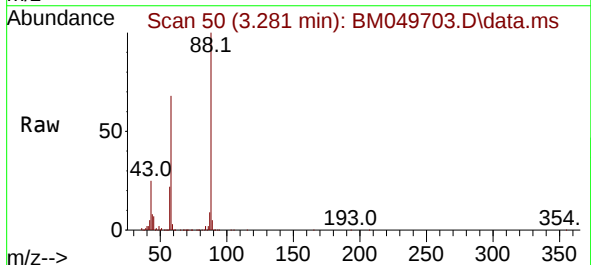
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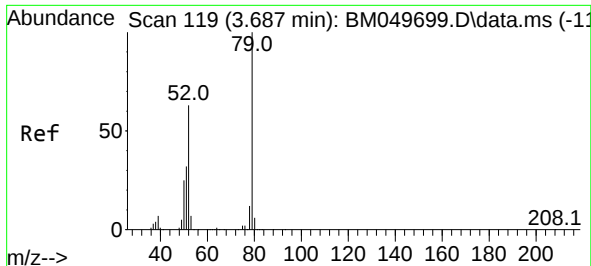
Tgt Ion:152 Resp: 454353
Ion Ratio Lower Upper
152 100
150 154.9 125.3 187.9
115 52.7 40.6 61.0



#2
1,4-Dioxane
Concen: 36.885 ng
RT: 3.281 min Scan# 50
Delta R.T. -0.006 min
Lab File: BM049703.D
Acq: 12 Mar 2025 21:17

Tgt Ion: 88 Resp: 415227
Ion Ratio Lower Upper
88 100
58 68.2 56.5 84.7
43 25.1 22.2 33.2

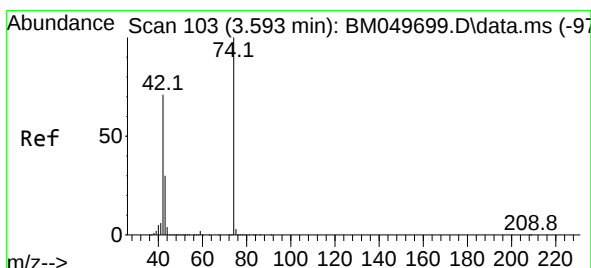
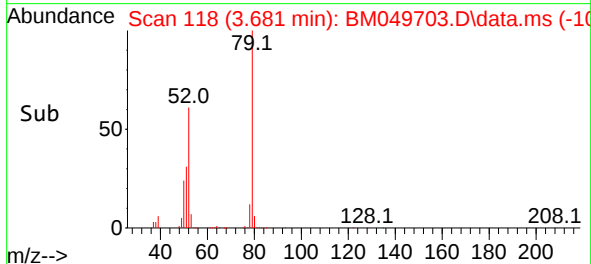
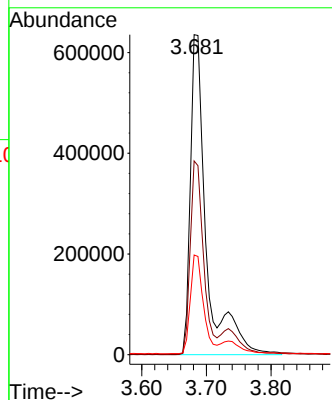
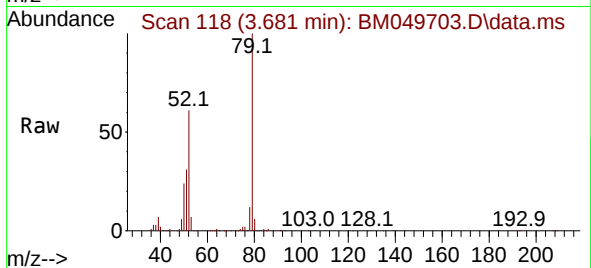




#3
Pyridine
Concen: 35.509 ng m
RT: 3.681 min Scan# 119
Delta R.T. -0.006 min
Lab File: BM049703.D
Acq: 12 Mar 2025 21:17

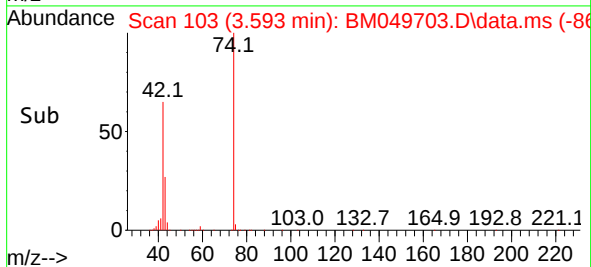
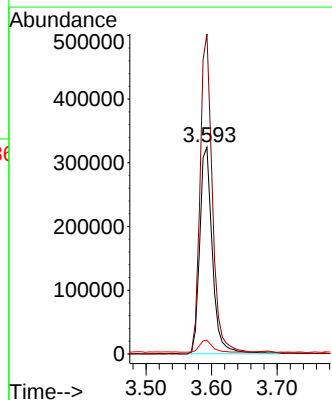
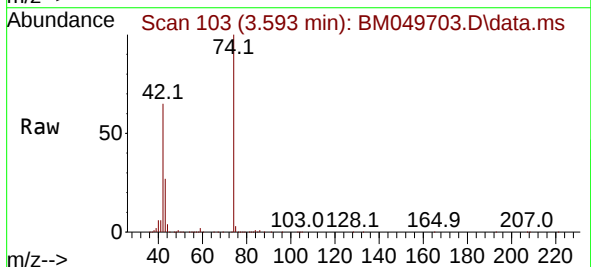
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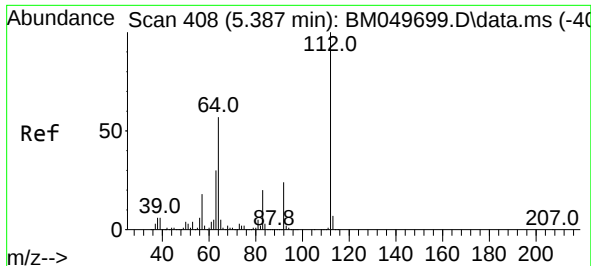
Tgt Ion: 79 Resp: 1095394
Ion Ratio Lower Upper
79 100
52 60.6 50.2 75.2
51 31.1 26.2 39.4



#4
n-Nitrosodimethylamine
Concen: 33.478 ng
RT: 3.593 min Scan# 103
Delta R.T. 0.000 min
Lab File: BM049703.D
Acq: 12 Mar 2025 21:17

Tgt Ion: 42 Resp: 435134
Ion Ratio Lower Upper
42 100
74 154.8 113.0 169.4
44 6.7 5.1 7.7

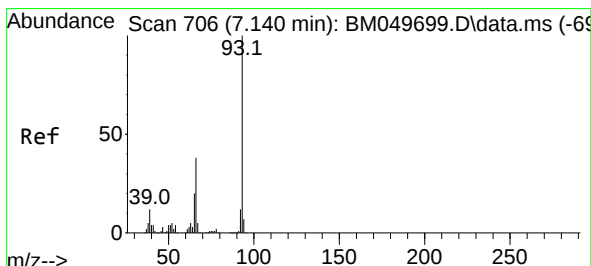
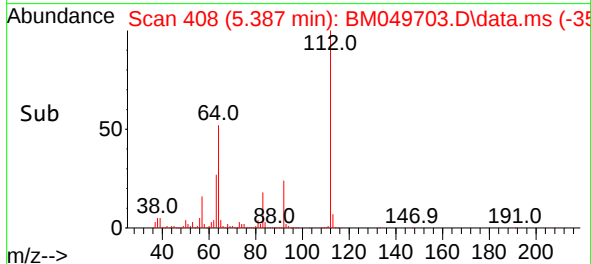
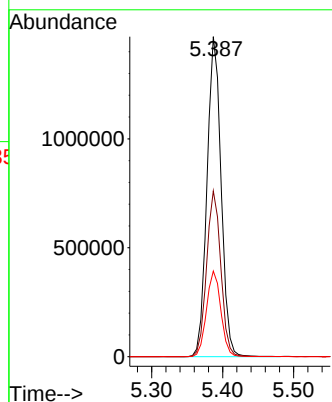
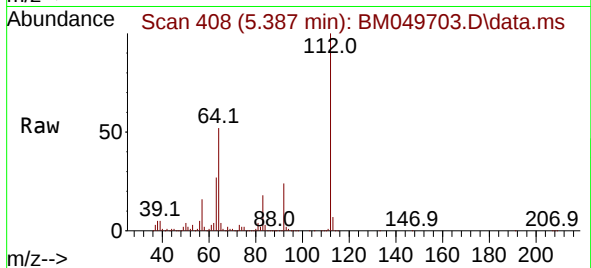




#5
2-Fluorophenol
Concen: 75.489 ng
RT: 5.387 min Scan# 408
Delta R.T. 0.000 min
Lab File: BM049703.D
Acq: 12 Mar 2025 21:17

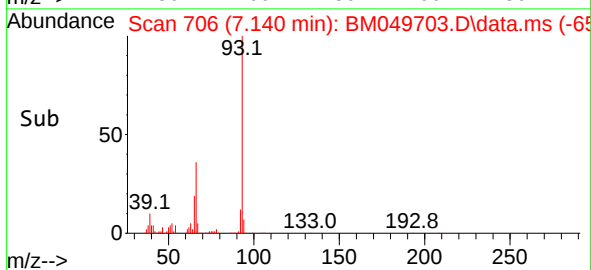
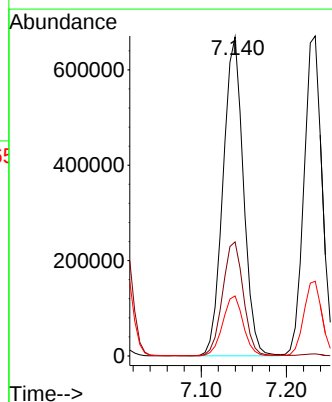
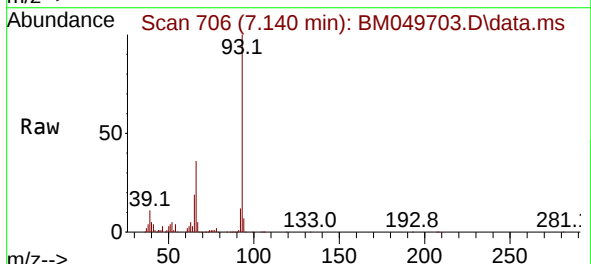
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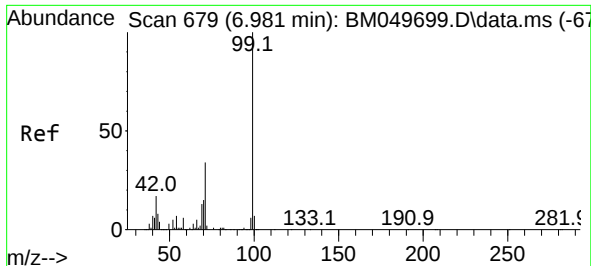
Tgt Ion:112 Resp: 2029327
Ion Ratio Lower Upper
112 100
64 51.8 45.7 68.5
63 26.8 24.0 36.0



#6
Aniline
Concen: 36.709 ng
RT: 7.140 min Scan# 706
Delta R.T. 0.000 min
Lab File: BM049703.D
Acq: 12 Mar 2025 21:17

Tgt Ion: 93 Resp: 1110074
Ion Ratio Lower Upper
93 100
66 35.8 30.9 46.3
65 18.8 16.2 24.2

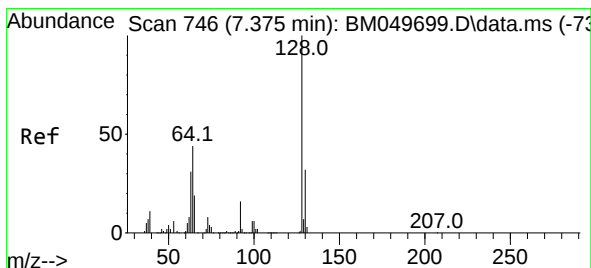
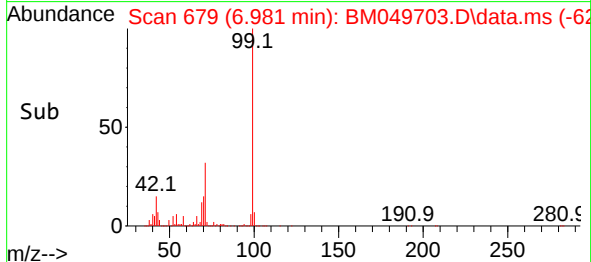
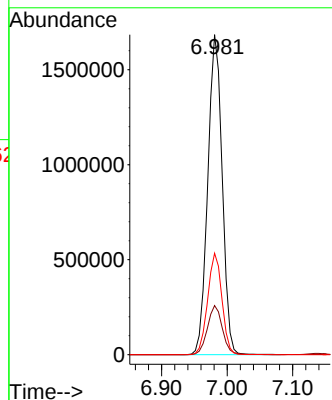
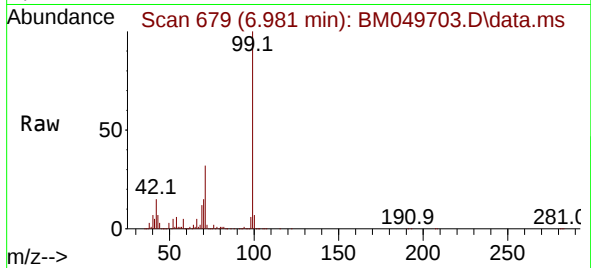




#7
Phenol-d6
Concen: 72.248 ng
RT: 6.981 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM049703.D
Acq: 12 Mar 2025 21:17

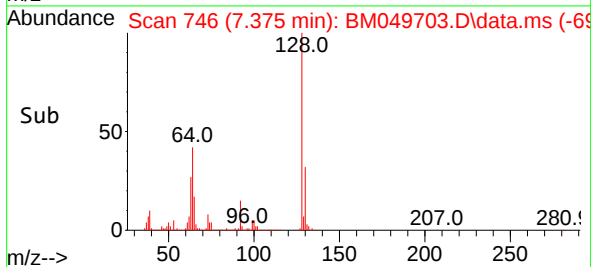
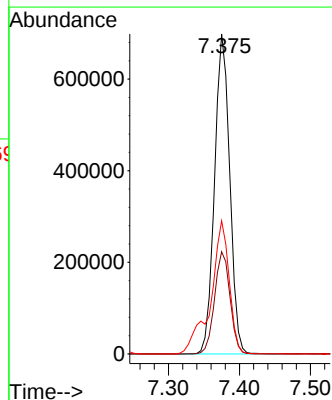
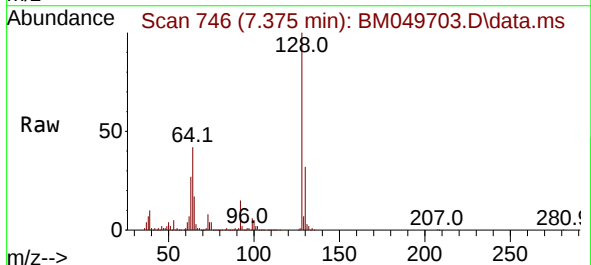
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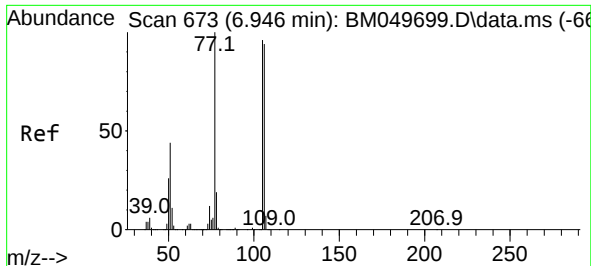
Tgt Ion: 99 Resp: 2576829
Ion Ratio Lower Upper
99 100
42 15.3 13.5 20.3
71 31.7 27.2 40.8



#8
2-Chlorophenol
Concen: 37.778 ng
RT: 7.375 min Scan# 746
Delta R.T. 0.000 min
Lab File: BM049703.D
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Tgt Ion: 128 Resp: 1035267
Ion Ratio Lower Upper
128 100
130 31.9 12.2 52.2
64 41.6 25.2 65.2

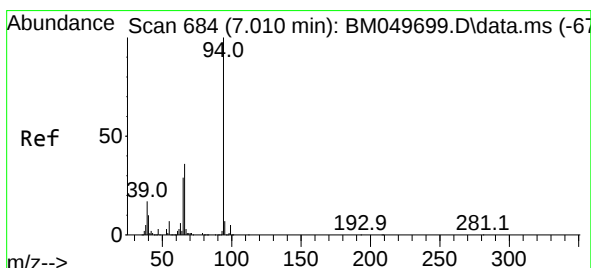
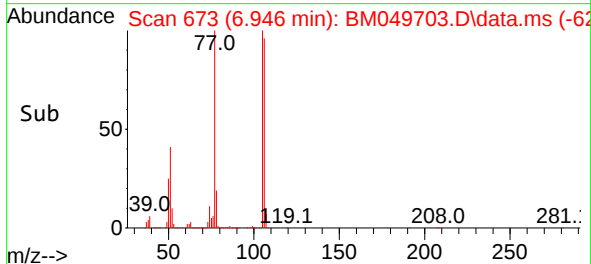
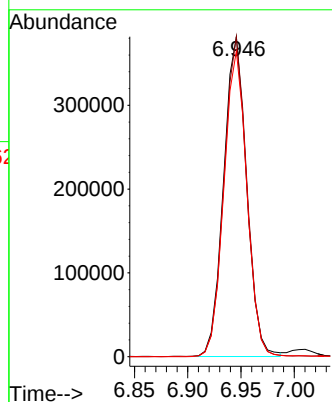
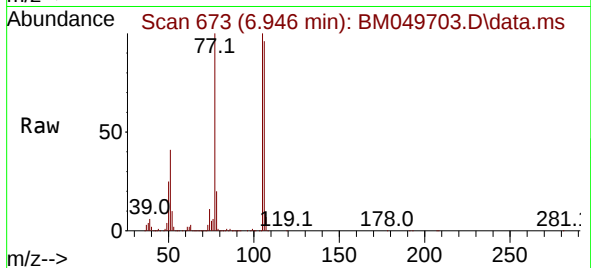




#9
Benzaldehyde
Concen: 34.374 ng
RT: 6.946 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM049703.D
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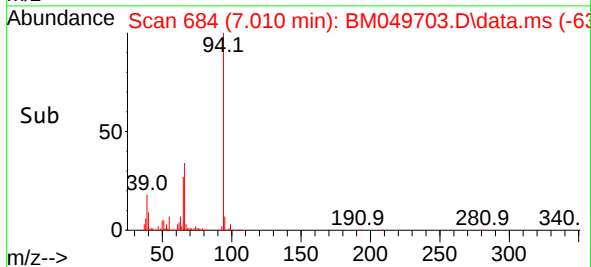
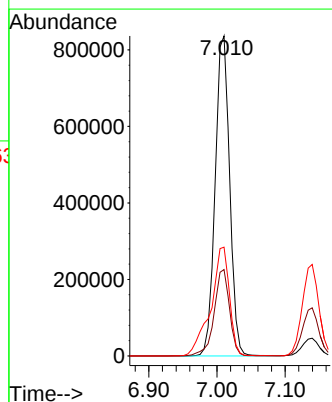
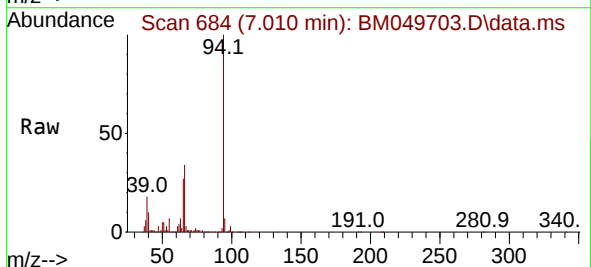
Instrument :
BNA_M
ClientSampleId :
ICVBM031225

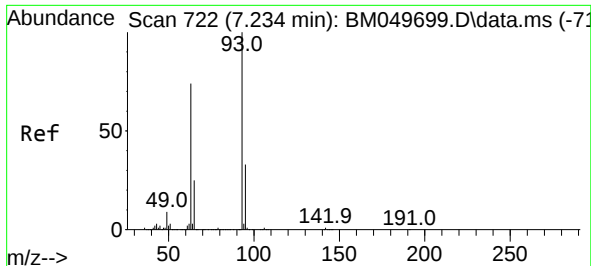
Tgt Ion: 77 Resp: 571108
Ion Ratio Lower Upper
77 100
105 100.2 75.7 115.7
106 95.7 73.9 113.9



#10
Phenol
Concen: 35.827 ng
RT: 7.010 min Scan# 684
Delta R.T. 0.000 min
Lab File: BM049703.D
Acq: 12 Mar 2025 21:17

Tgt Ion: 94 Resp: 1239101
Ion Ratio Lower Upper
94 100
65 27.0 8.7 48.7
66 34.0 16.4 56.4

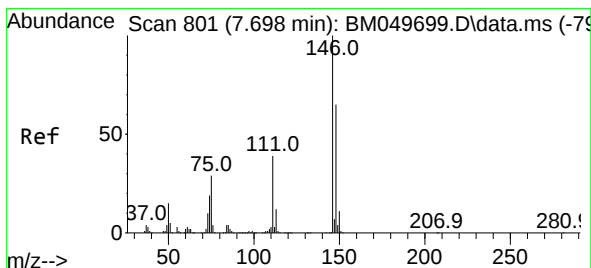
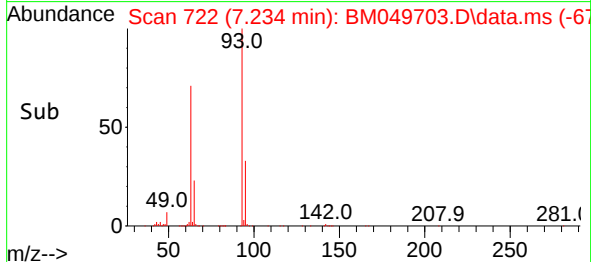
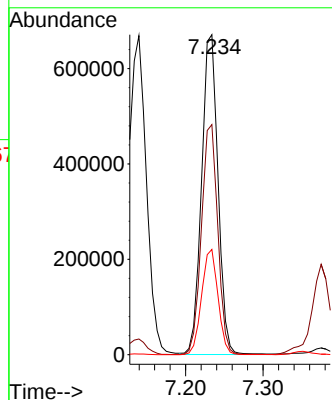
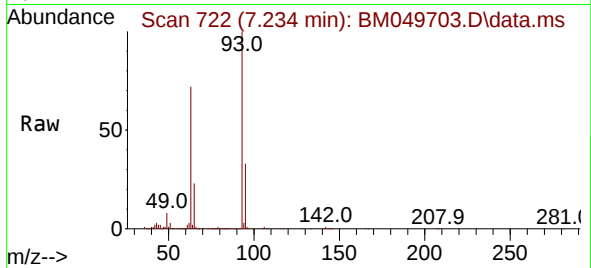




#11
bis(2-Chloroethyl)ether
Concen: 35.727 ng
RT: 7.234 min Scan# 722
Delta R.T. 0.000 min
Lab File: BM049703.D
Acq: 12 Mar 2025 21:17

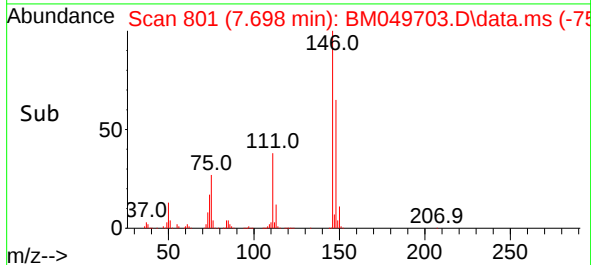
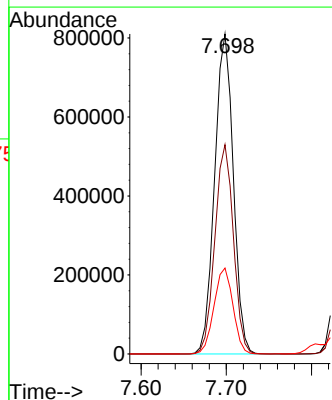
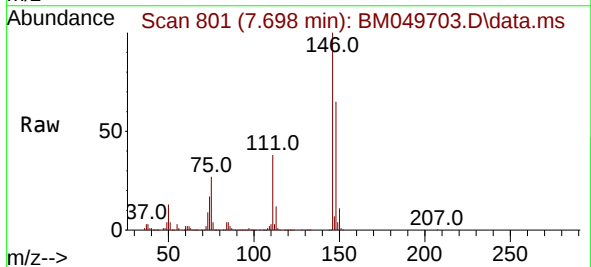
Instrument :
BNA_M
ClientSampleId :
ICVBM031225

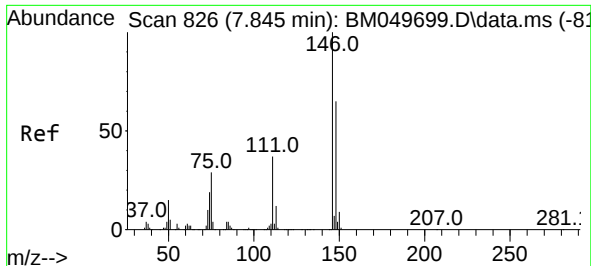
Tgt Ion: 93 Resp: 988750
Ion Ratio Lower Upper
93 100
63 71.9 53.5 93.5
95 32.9 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 38.096 ng
RT: 7.698 min Scan# 801
Delta R.T. 0.000 min
Lab File: BM049703.D
Acq: 12 Mar 2025 21:17

Tgt Ion:146 Resp: 1233560
Ion Ratio Lower Upper
146 100
148 65.4 51.8 77.8
75 26.8 23.4 35.2

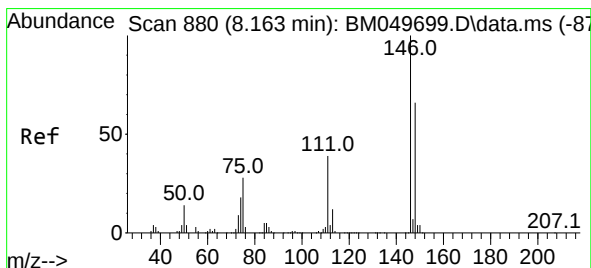
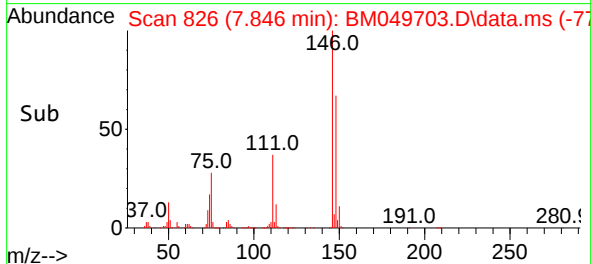
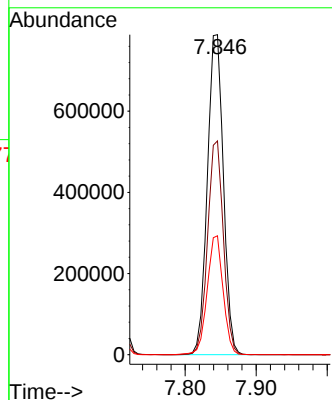
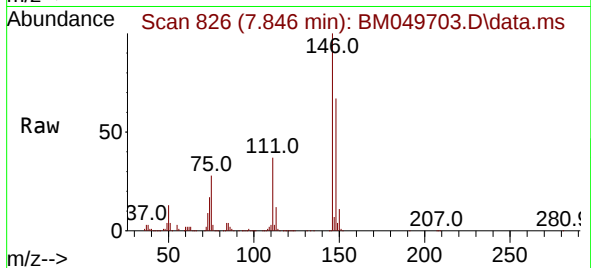




#13
1,4-Dichlorobenzene
Concen: 37.873 ng
RT: 7.846 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM049703.D
Acq: 12 Mar 2025 21:17

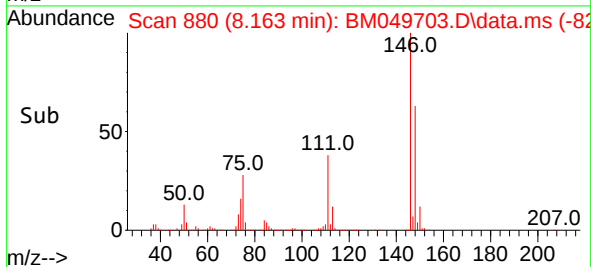
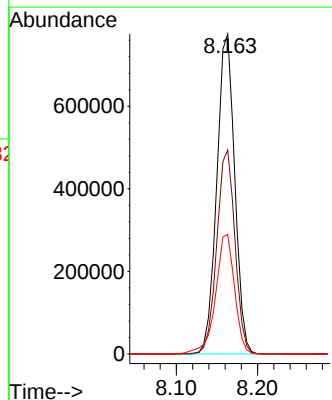
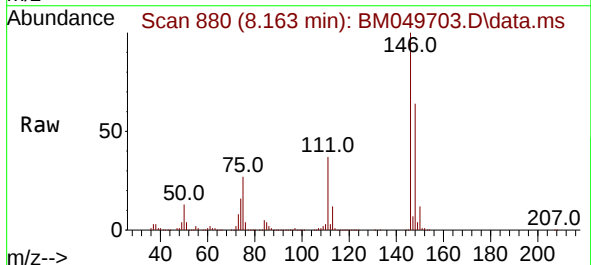
Instrument :
BNA_M
ClientSampleId :
ICVBM031225

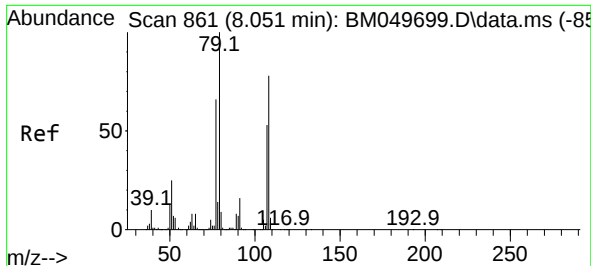
Tgt Ion:146 Resp: 1239335
Ion Ratio Lower Upper
146 100
148 66.8 52.0 78.0
111 37.1 29.6 44.4



#14
1,2-Dichlorobenzene
Concen: 37.897 ng
RT: 8.163 min Scan# 880
Delta R.T. 0.000 min
Lab File: BM049703.D
Acq: 12 Mar 2025 21:17

Tgt Ion:146 Resp: 1189960
Ion Ratio Lower Upper
146 100
148 63.8 52.8 79.2
111 37.4 31.6 47.4

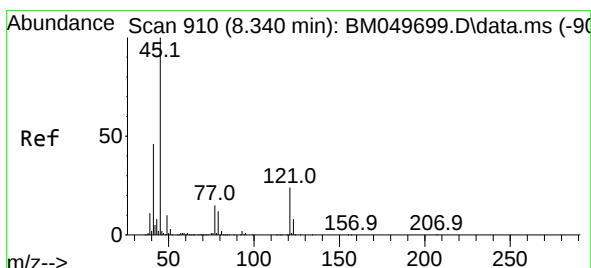
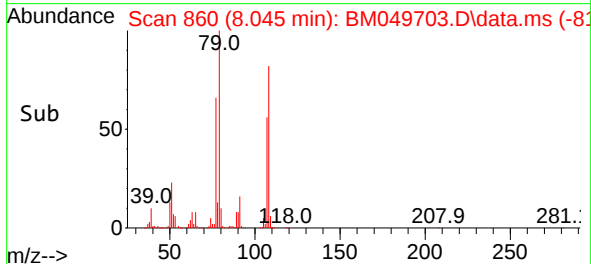
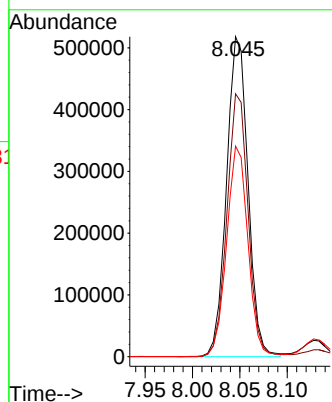
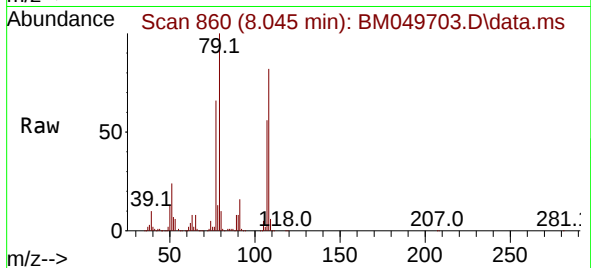




#15
Benzyl Alcohol
Concen: 35.157 ng
RT: 8.045 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM049703.D
Acq: 12 Mar 2025 21:17

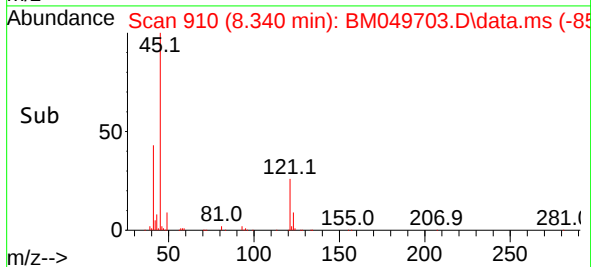
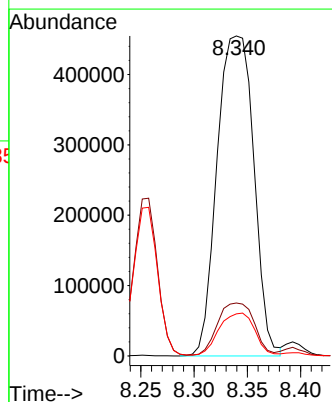
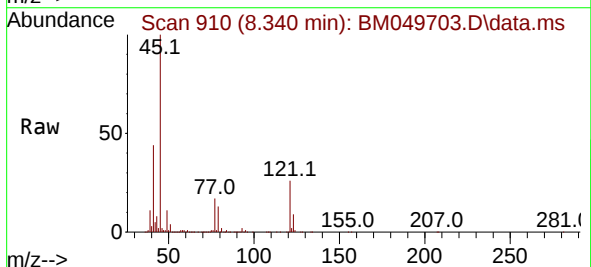
Instrument :
BNA_M
ClientSampleId :
ICVBM031225

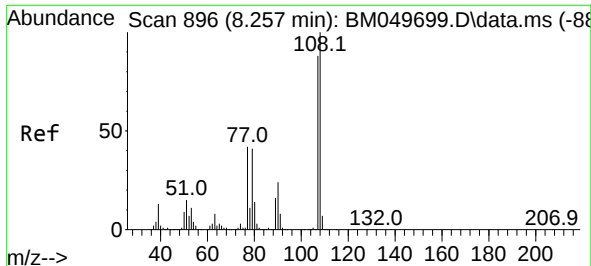
Tgt Ion: 79 Resp: 816668
Ion Ratio Lower Upper
79 100
108 82.1 62.5 93.7
77 65.8 53.0 79.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.779 ng
RT: 8.340 min Scan# 910
Delta R.T. 0.000 min
Lab File: BM049703.D
Acq: 12 Mar 2025 21:17

Tgt Ion: 45 Resp: 1090094
Ion Ratio Lower Upper
45 100
77 16.6 0.0 35.8
79 13.2 0.0 32.3



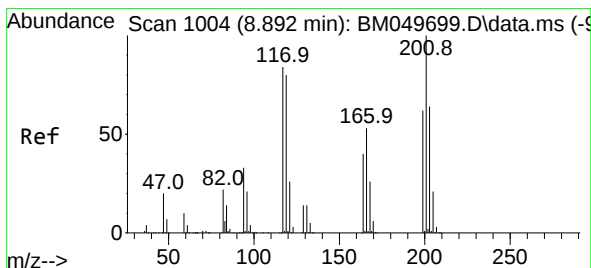
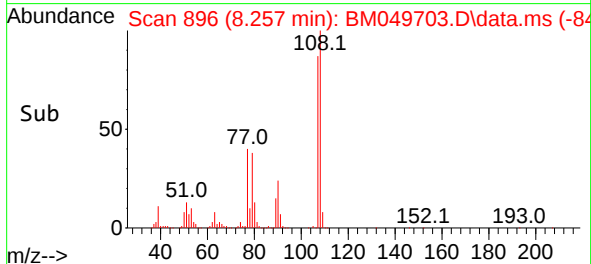
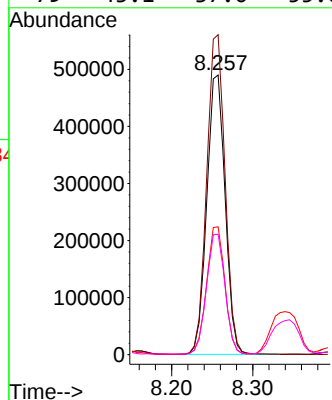
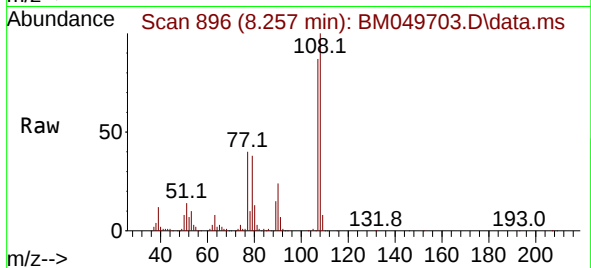


#17
2-Methylphenol
Concen: 36.649 ng
RT: 8.257 min Scan# 896
Delta R.T. 0.000 min
Lab File: BM049703.D
Acq: 12 Mar 2025 21:17

Instrument :
BNA_M
ClientSampleId :
ICVBM031225

Tgt Ion:107 Resp: 766948

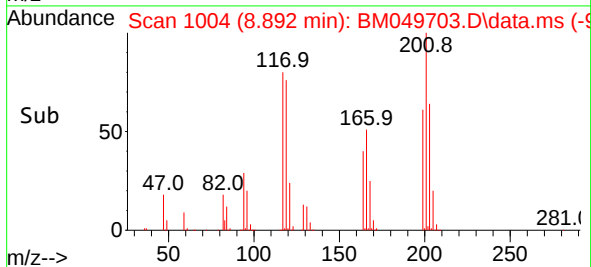
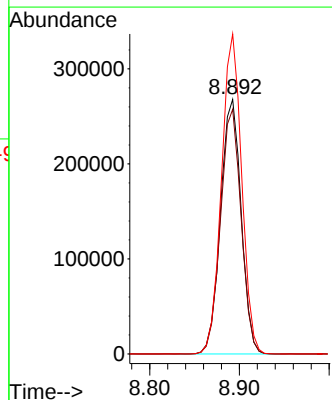
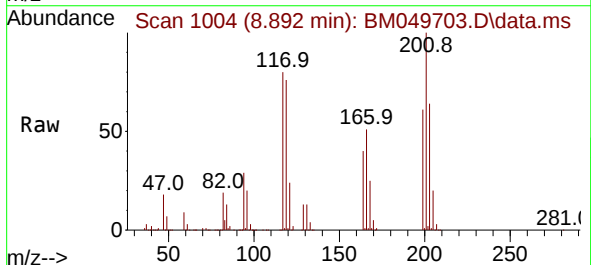
Ion	Ratio	Lower	Upper
107	100		
108	114.4	91.0	136.4
77	45.7	38.2	57.4
79	43.1	37.0	55.6

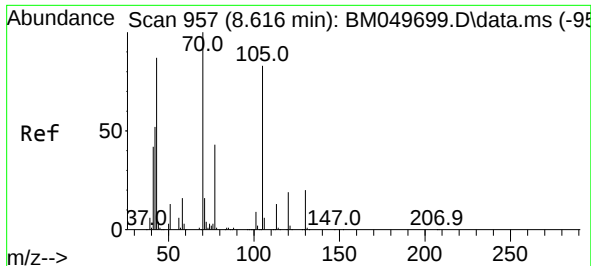


#18
Hexachloroethane
Concen: 37.346 ng
RT: 8.892 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BM049703.D
Acq: 12 Mar 2025 21:17

Tgt Ion:117 Resp: 428011

Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.0	114.0
201	125.7	95.3	142.9



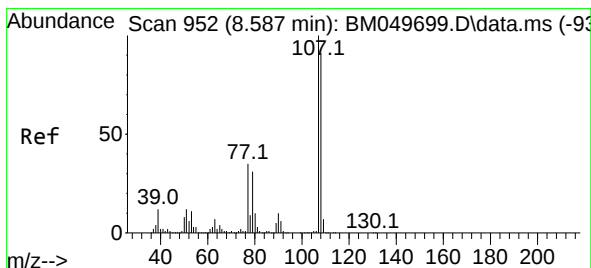
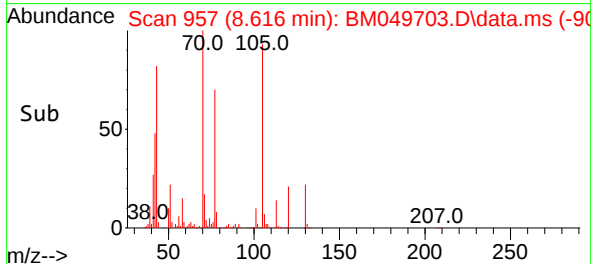
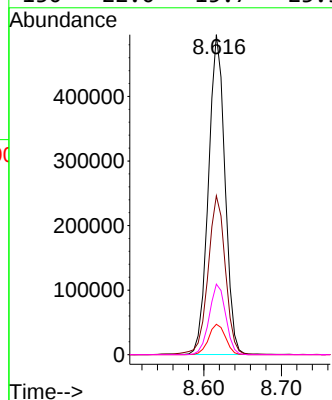
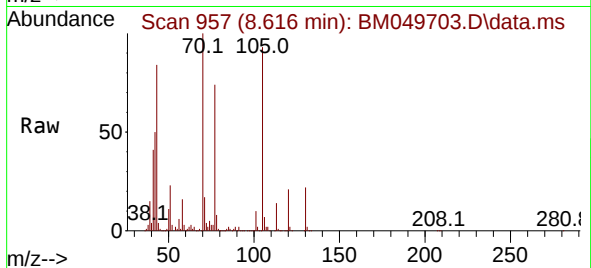


#19
n-Nitroso-di-n-propylamine
Concen: 34.164 ng
RT: 8.616 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM049703.D
Acq: 12 Mar 2025 21:17

Instrument :
BNA_M
ClientSampleId :
ICVBM031225

Tgt Ion: 70 Resp: 732001

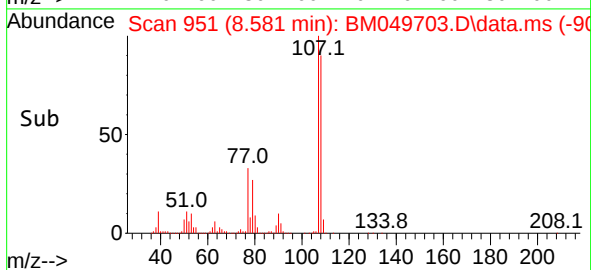
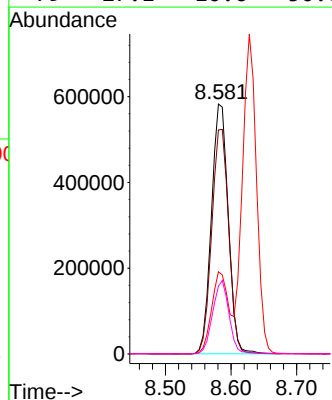
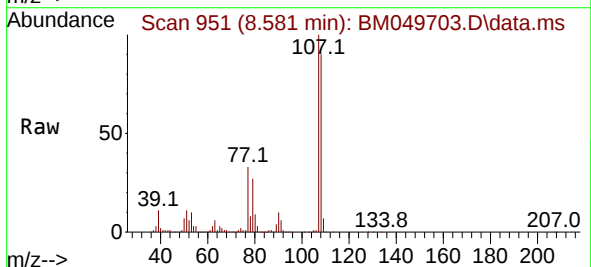
Ion	Ratio	Lower	Upper
70	100		
42	49.7	41.9	62.9
101	9.5	7.4	11.2
130	22.0	15.7	23.5

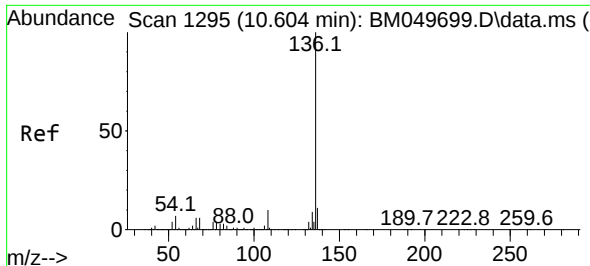


#20
3+4-Methylphenols
Concen: 36.113 ng
RT: 8.581 min Scan# 951
Delta R.T. -0.006 min
Lab File: BM049703.D
Acq: 12 Mar 2025 21:17

Tgt Ion: 107 Resp: 1040241

Ion	Ratio	Lower	Upper
107	100		
108	89.6	71.2	111.2
77	32.9	14.6	54.6
79	27.1	10.6	50.6



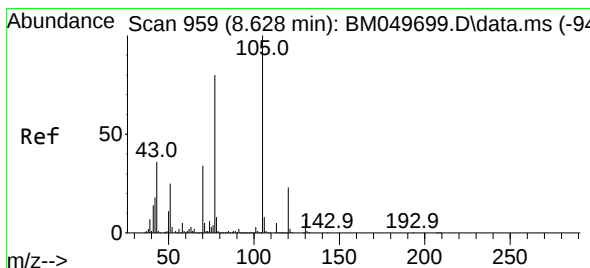
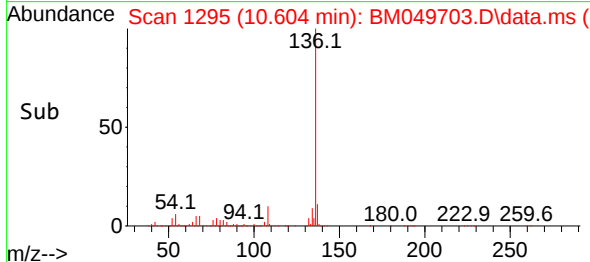
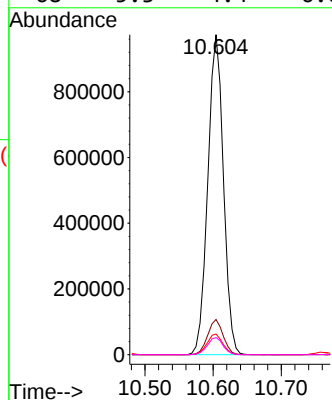
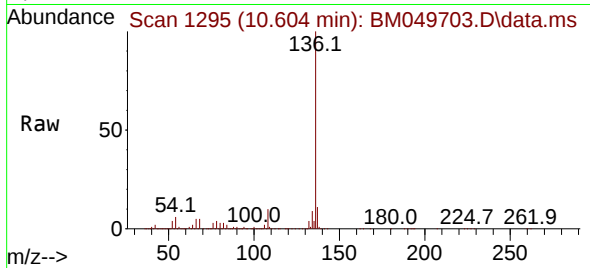


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM049703.D
Acq: 12 Mar 2025 21:17

Instrument :
BNA_M
ClientSampleId :
ICVBM031225

Tgt Ion:136 Resp: 1551523

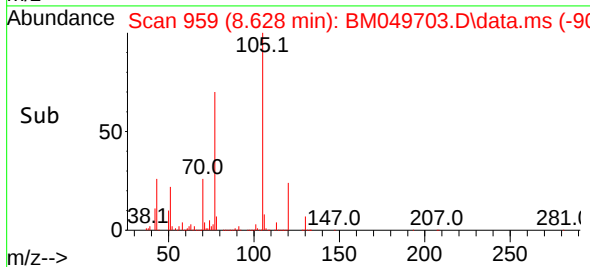
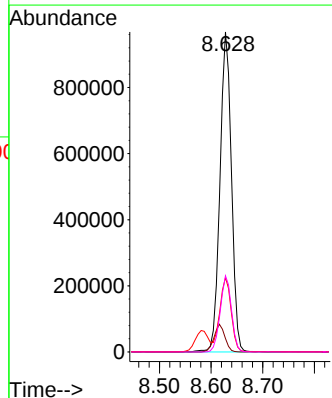
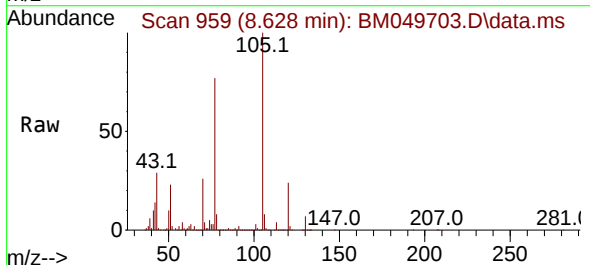
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.5	5.7	8.5
68	5.3	4.4	6.6

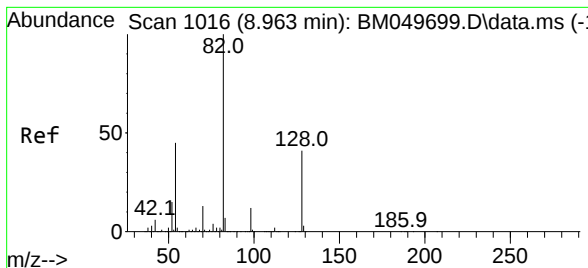


#22
Acetophenone
Concen: 37.149 ng
RT: 8.628 min Scan# 959
Delta R.T. 0.000 min
Lab File: BM049703.D
Acq: 12 Mar 2025 21:17

Tgt Ion:105 Resp: 1492148

Ion	Ratio	Lower	Upper
105	100		
71	4.2	4.4	6.6#
51	23.2	20.1	30.1
120	23.8	18.5	27.7





#23

Nitrobenzene-d5

Concen: 73.265 ng

RT: 8.963 min Scan# 1016

Delta R.T. 0.000 min

Lab File: BM049703.D

Acq: 12 Mar 2025 21:17

Instrument :

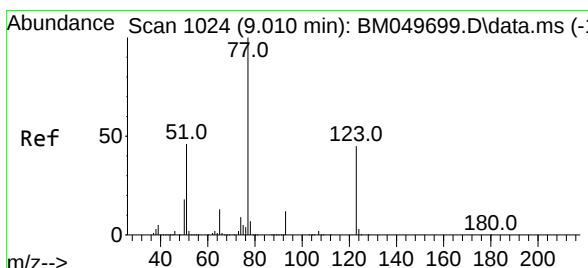
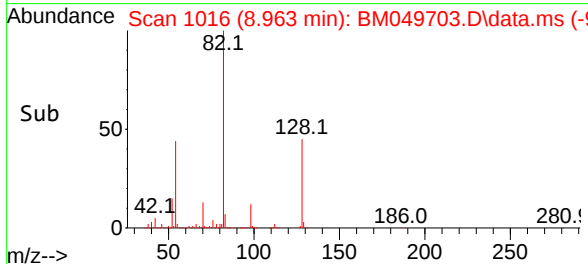
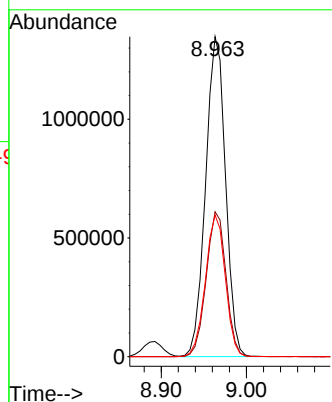
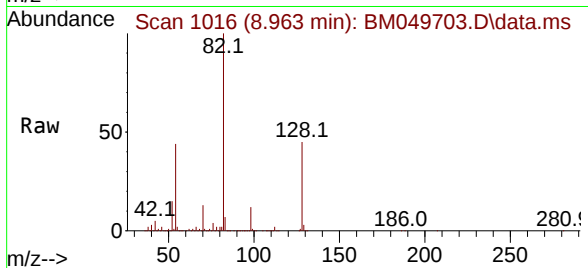
BNA_M

ClientSampleId :

ICVBM031225

Tgt Ion: 82 Resp: 2185694

Ion	Ratio	Lower	Upper
82	100		
128	45.3	32.8	49.2
54	44.3	36.3	54.5



#24

Nitrobenzene

Concen: 36.395 ng

RT: 9.004 min Scan# 1023

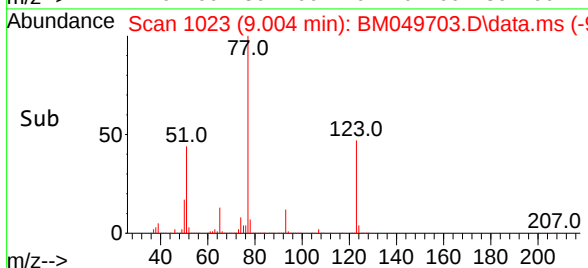
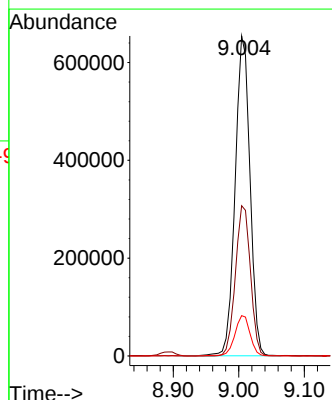
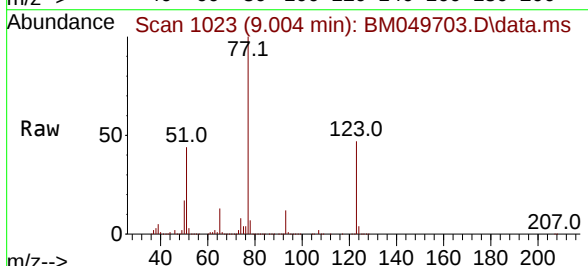
Delta R.T. -0.006 min

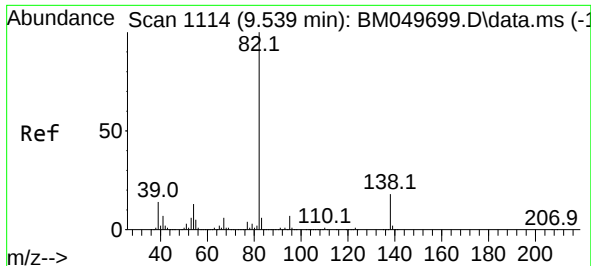
Lab File: BM049703.D

Acq: 12 Mar 2025 21:17

Tgt Ion: 77 Resp: 1031981

Ion	Ratio	Lower	Upper
77	100		
123	46.9	36.6	54.8
65	12.6	10.4	15.6

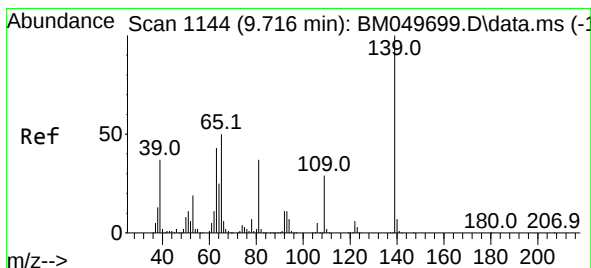
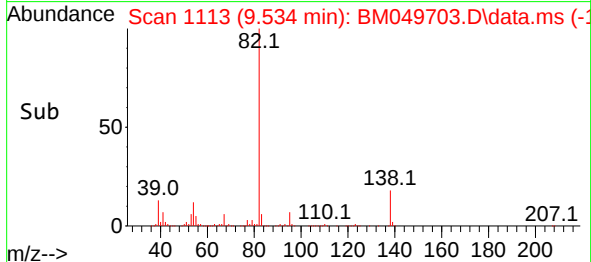
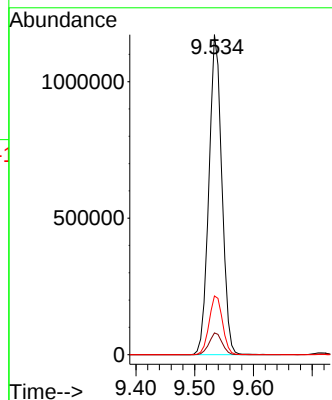
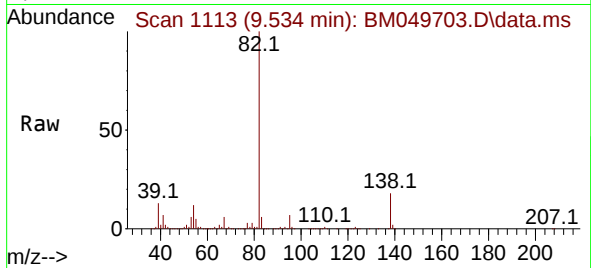




#25
Isophorone
Concen: 36.497 ng
RT: 9.534 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BM049703.D
Acq: 12 Mar 2025 21:17

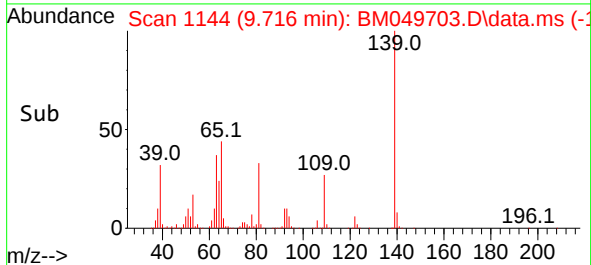
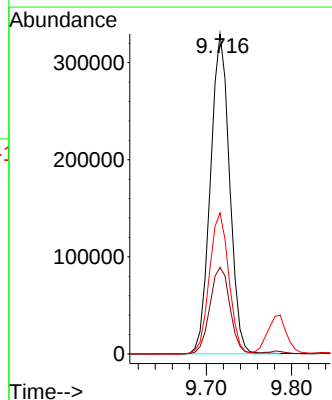
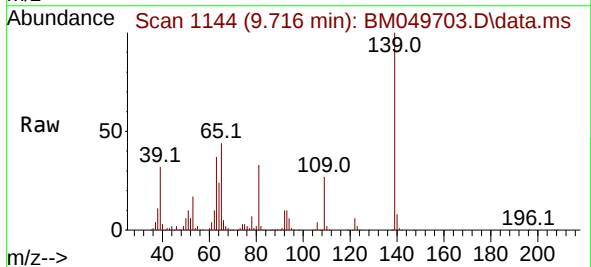
Instrument :
BNA_M
ClientSampleId :
ICVBM031225

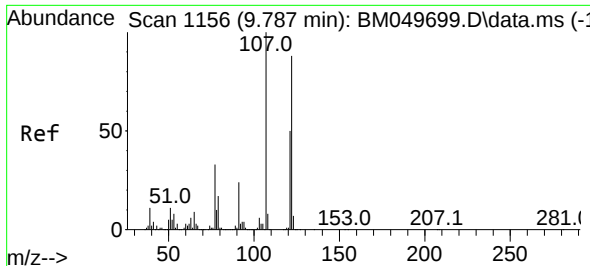
Tgt Ion: 82 Resp: 1791773
Ion Ratio Lower Upper
82 100
95 6.8 5.3 7.9
138 18.4 14.7 22.1



#26
2-Nitrophenol
Concen: 41.699 ng
RT: 9.716 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BM049703.D
Acq: 12 Mar 2025 21:17

Tgt Ion:139 Resp: 514197
Ion Ratio Lower Upper
139 100
109 27.1 23.3 34.9
65 44.1 39.9 59.9

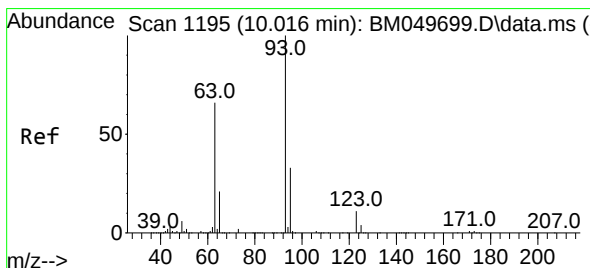
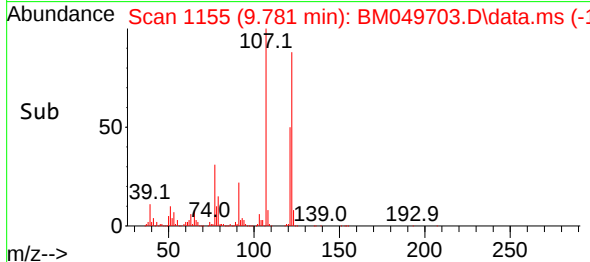
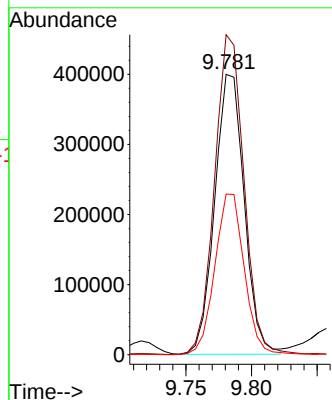
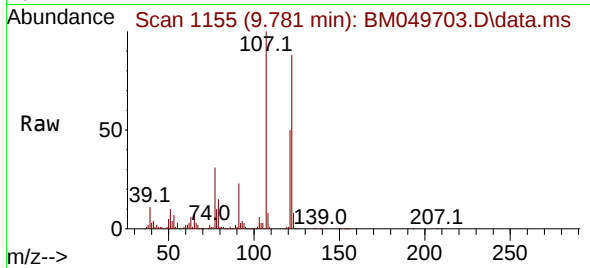




#27
2,4-Dimethylphenol
Concen: 39.068 ng
RT: 9.781 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BM049703.D
Acq: 12 Mar 2025 21:17

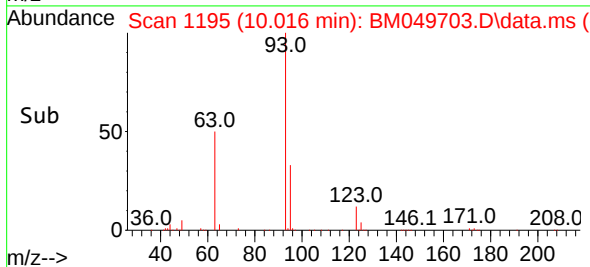
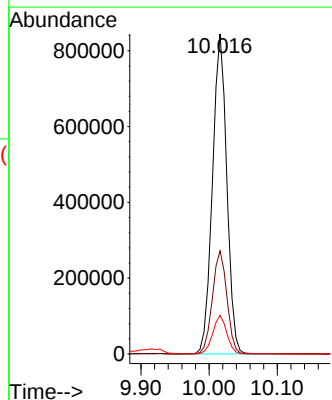
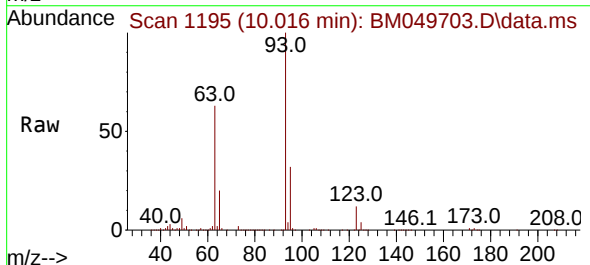
Instrument :
BNA_M
ClientSampleId :
ICVBM031225

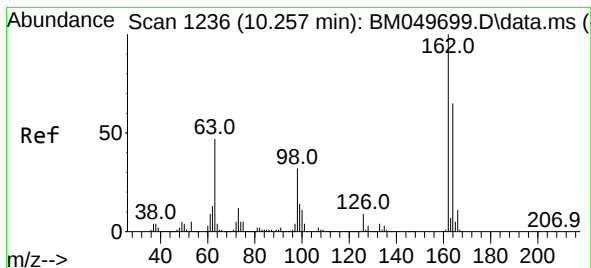
Tgt Ion:122 Resp: 625474
Ion Ratio Lower Upper
122 100
107 114.1 90.5 135.7
121 57.3 45.3 67.9



#28
bis(2-Chloroethoxy)methane
Concen: 36.958 ng
RT: 10.016 min Scan# 1195
Delta R.T. 0.000 min
Lab File: BM049703.D
Acq: 12 Mar 2025 21:17

Tgt Ion: 93 Resp: 1233210
Ion Ratio Lower Upper
93 100
95 32.2 26.1 39.1
123 12.1 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 39.745 ng

RT: 10.257 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM049703.D

Acq: 12 Mar 2025 21:17

Instrument :

BNA_M

ClientSampleId :

ICVBM031225

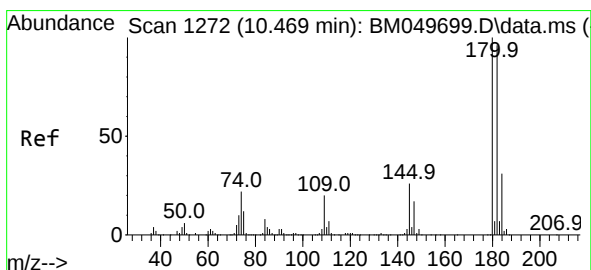
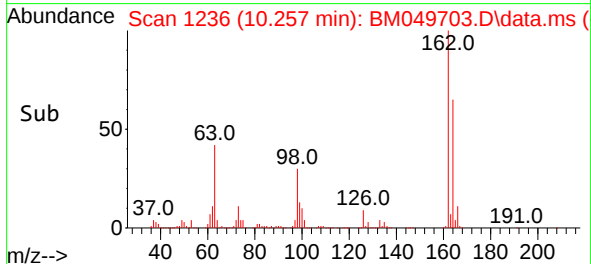
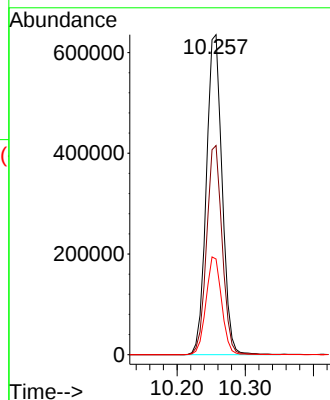
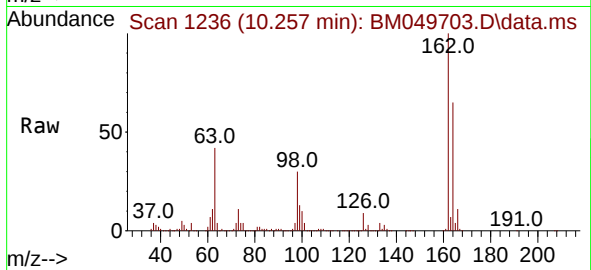
Tgt Ion:162 Resp: 1021254

Ion Ratio Lower Upper

162 100

164 65.4 45.5 85.5

98 29.9 12.4 52.4



#30

1,2,4-Trichlorobenzene

Concen: 38.468 ng

RT: 10.469 min Scan# 1272

Delta R.T. 0.000 min

Lab File: BM049703.D

Acq: 12 Mar 2025 21:17

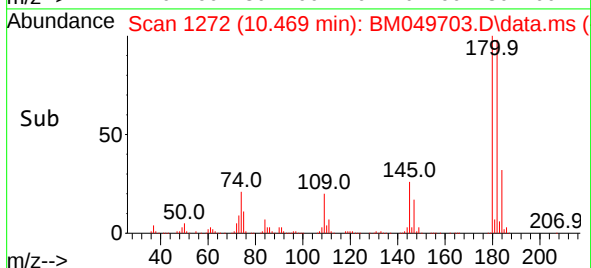
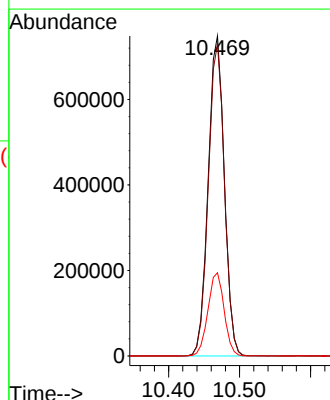
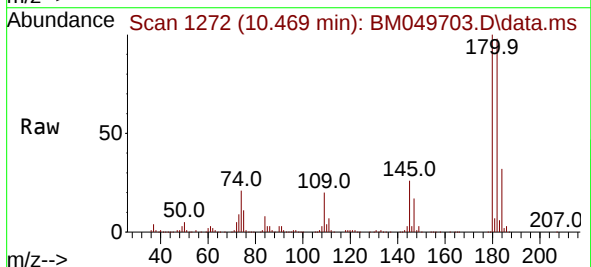
Tgt Ion:180 Resp: 1183996

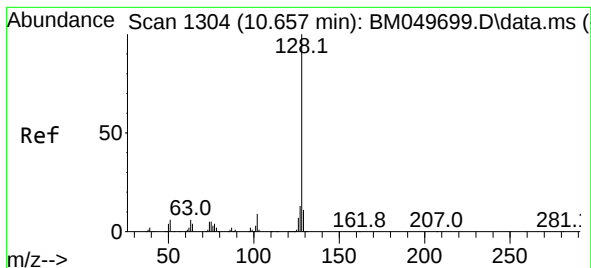
Ion Ratio Lower Upper

180 100

182 97.6 77.1 115.7

145 26.0 20.6 31.0





#31

Naphthalene

Concen: 38.680 ng

RT: 10.651 min Scan# 1179

Delta R.T. -0.006 min

Lab File: BM049703.D

Acq: 12 Mar 2025 21:17

Instrument :

BNA_M

ClientSampleId :

ICVBM031225

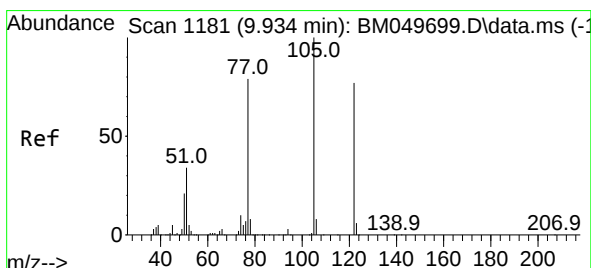
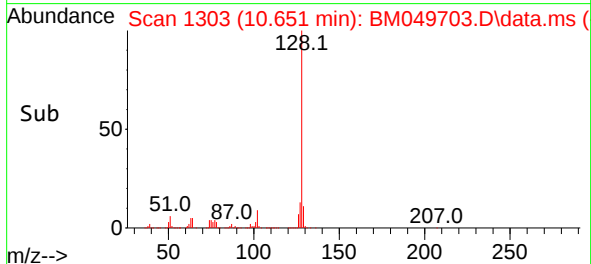
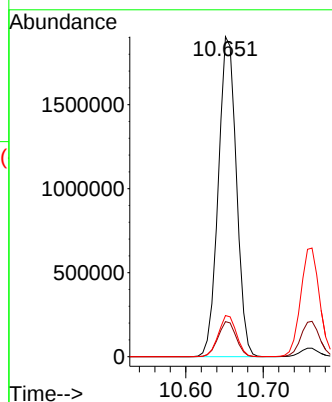
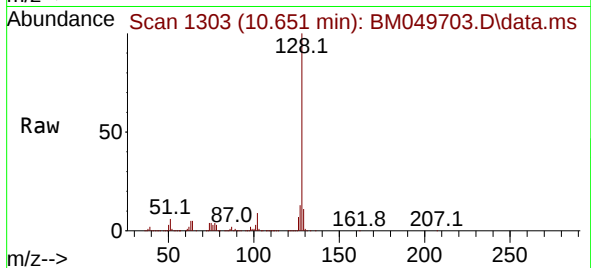
Tgt Ion:128 Resp: 3098142

Ion Ratio Lower Upper

128 100

129 11.0 8.6 12.8

127 12.8 10.4 15.6



#32

Benzoic acid

Concen: 38.833 ng

RT: 9.922 min Scan# 1179

Delta R.T. -0.012 min

Lab File: BM049703.D

Acq: 12 Mar 2025 21:17

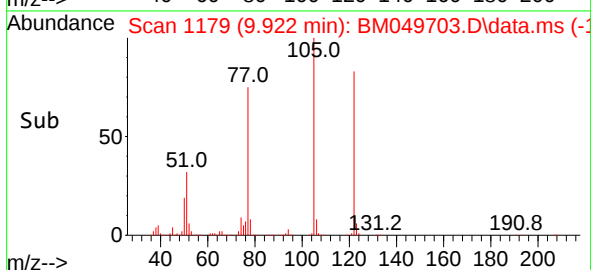
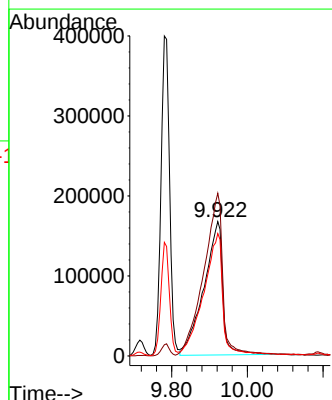
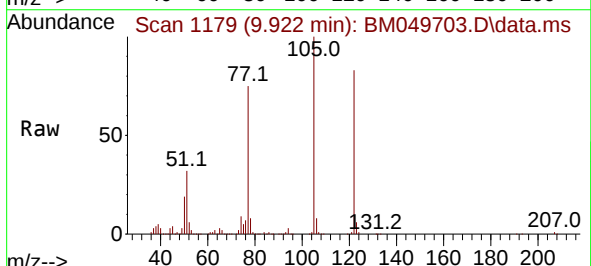
Tgt Ion:122 Resp: 578485

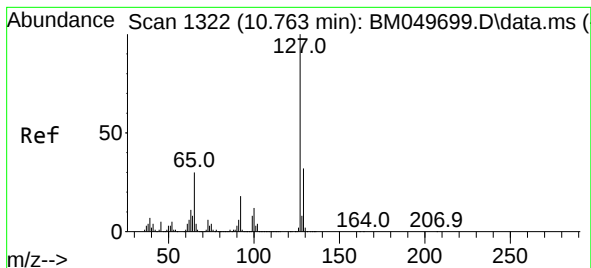
Ion Ratio Lower Upper

122 100

105 121.1 106.1 146.1

77 91.1 80.2 120.2



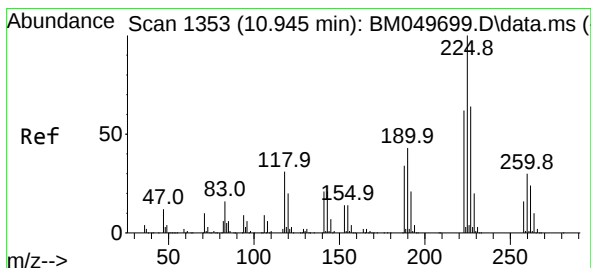
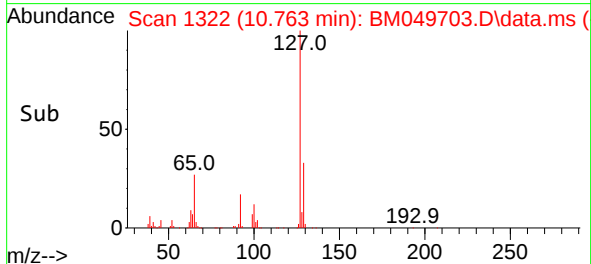
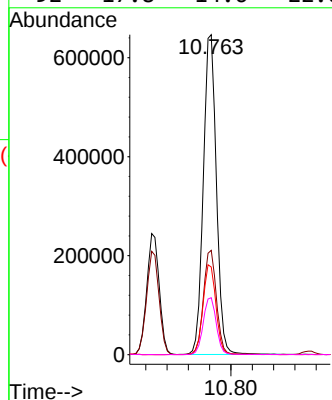
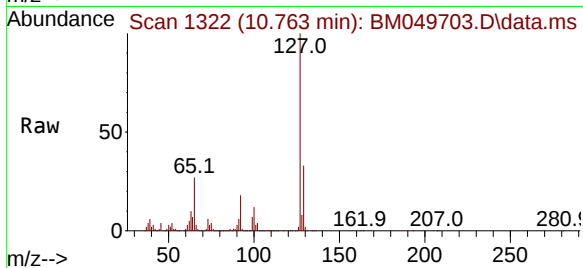


#33
4-Chloroaniline
Concen: 38.297 ng
RT: 10.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM049703.D
Acq: 12 Mar 2025 21:17

Instrument :
BNA_M
ClientSampleId :
ICVBM031225

Tgt Ion:127 Resp: 1100056

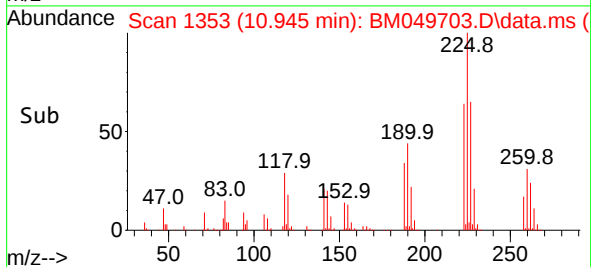
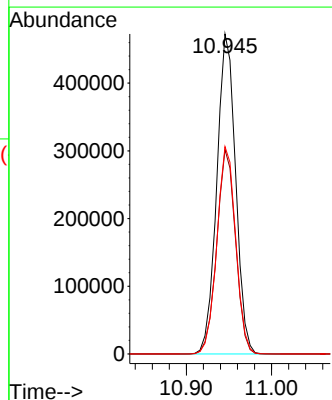
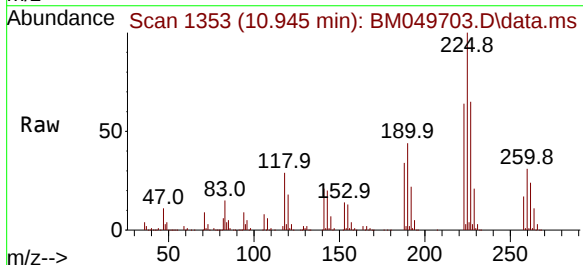
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.8	38.6
65	27.4	23.8	35.6
92	17.8	14.6	22.0

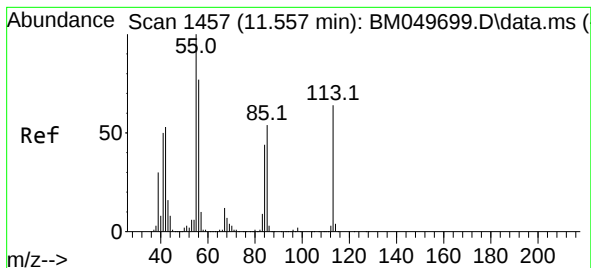


#34
Hexachlorobutadiene
Concen: 38.687 ng
RT: 10.945 min Scan# 1353
Delta R.T. 0.000 min
Lab File: BM049703.D
Acq: 12 Mar 2025 21:17

Tgt Ion:225 Resp: 726766

Ion	Ratio	Lower	Upper
225	100		
223	63.9	49.4	74.0
227	64.8	51.0	76.6





#35

Caprolactam

Concen: 36.328 ng

RT: 11.545 min Scan# 1457

Delta R.T. -0.012 min

Lab File: BM049703.D

Acq: 12 Mar 2025 21:17

Instrument :

BNA_M

ClientSampleId :

ICVBM031225

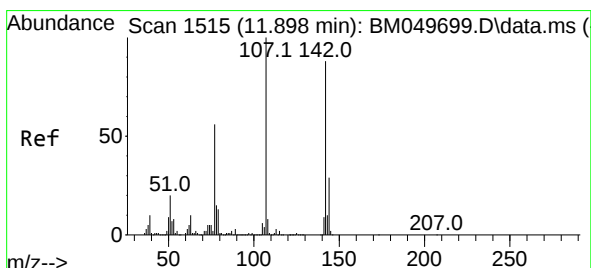
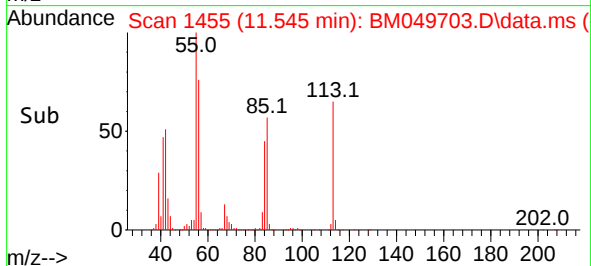
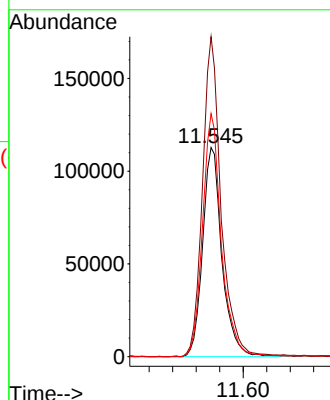
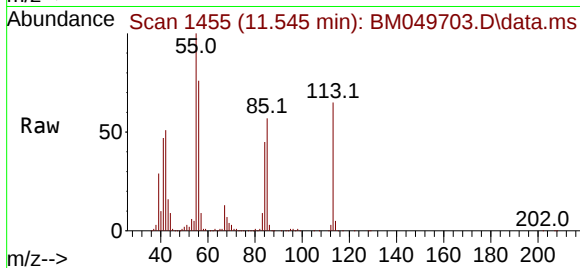
Tgt Ion:113 Resp: 256529

Ion Ratio Lower Upper

113 100

55 153.0 136.4 176.4

56 116.2 100.3 140.3



#36

4-Chloro-3-methylphenol

Concen: 36.871 ng

RT: 11.892 min Scan# 1514

Delta R.T. -0.006 min

Lab File: BM049703.D

Acq: 12 Mar 2025 21:17

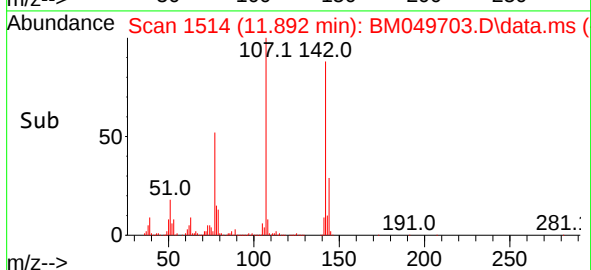
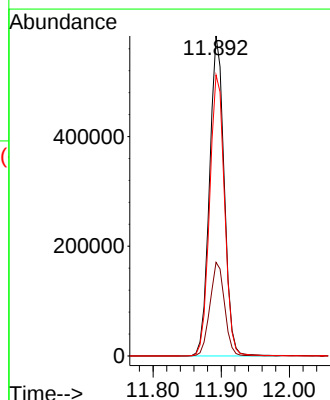
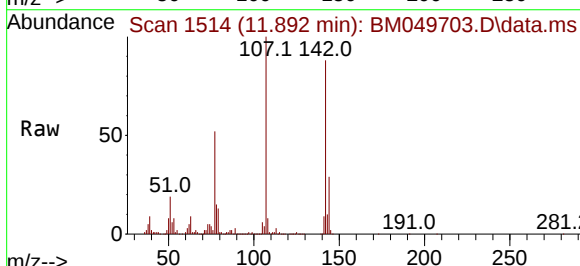
Tgt Ion:107 Resp: 874268

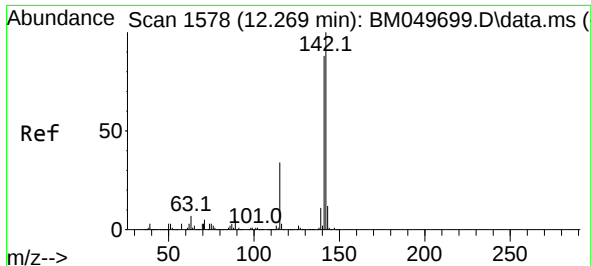
Ion Ratio Lower Upper

107 100

144 29.2 23.1 34.7

142 87.8 70.7 106.1

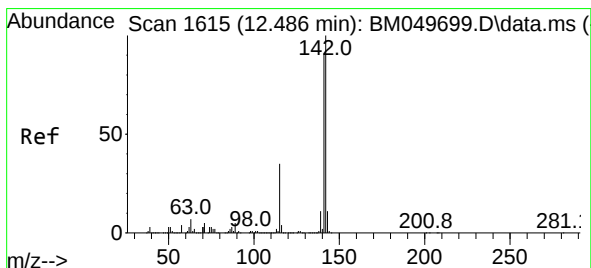
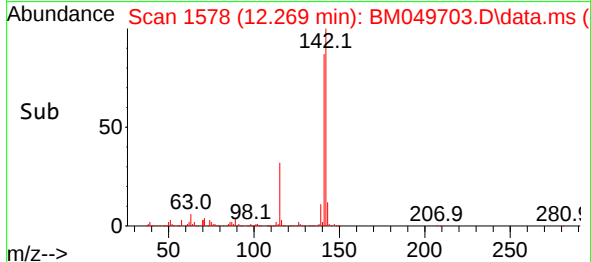
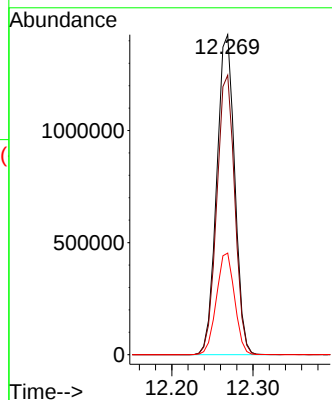
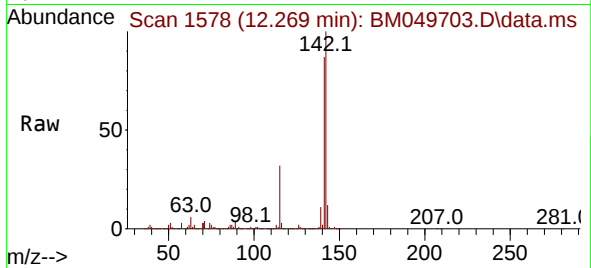




#37
2-Methylnaphthalene
Concen: 37.808 ng
RT: 12.269 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BM049703.D
Acq: 12 Mar 2025 21:17

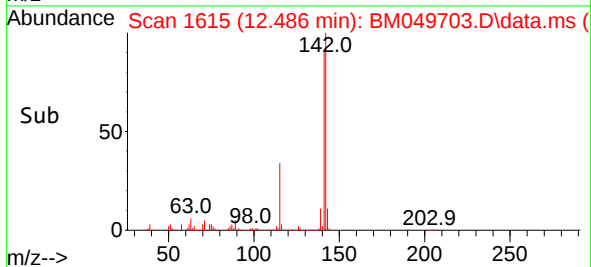
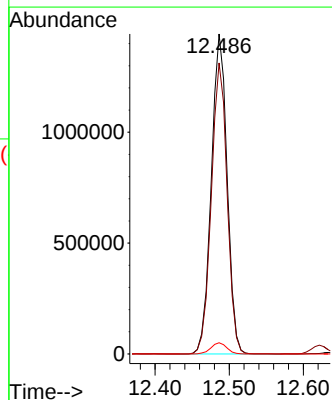
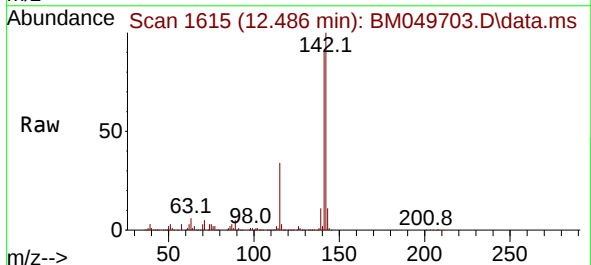
Instrument :
BNA_M
ClientSampleId :
ICVBM031225

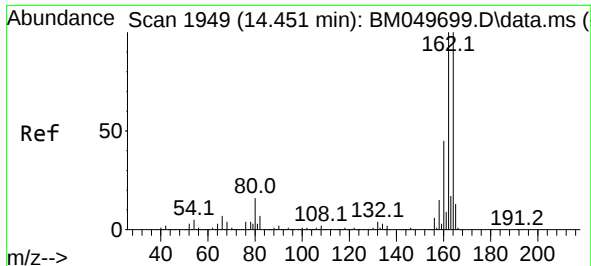
Tgt Ion:142 Resp: 2200755
Ion Ratio Lower Upper
142 100
141 87.3 70.6 106.0
115 31.7 27.0 40.4



#38
1-Methylnaphthalene
Concen: 37.809 ng
RT: 12.486 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BM049703.D
Acq: 12 Mar 2025 21:17

Tgt Ion:142 Resp: 2135932
Ion Ratio Lower Upper
142 100
141 91.0 72.6 109.0
116 3.5 3.0 4.6

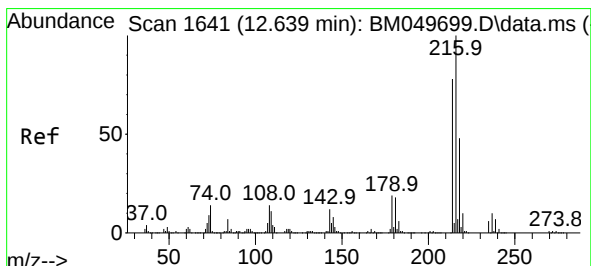
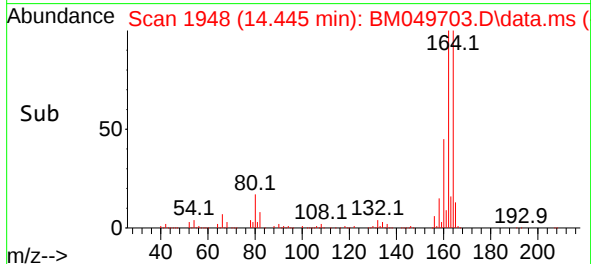
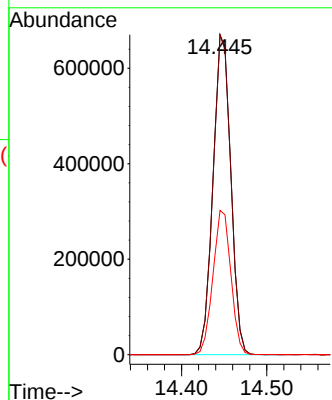
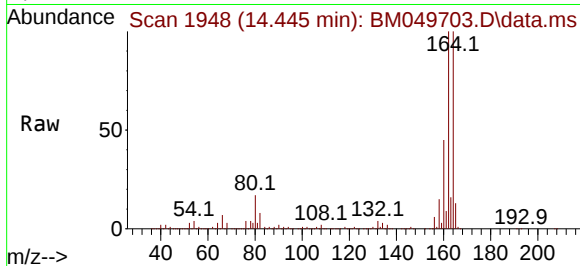




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BM049703.D
Acq: 12 Mar 2025 21:17

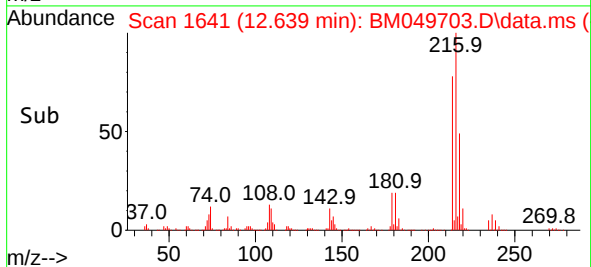
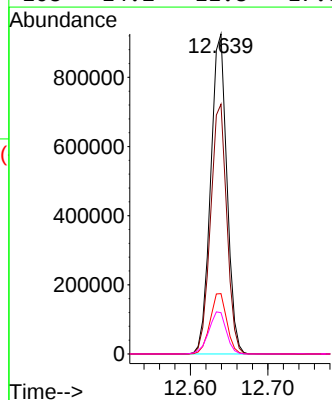
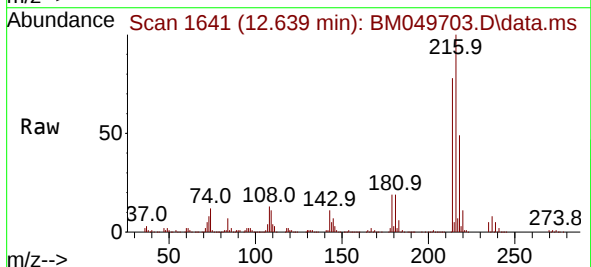
Instrument :
BNA_M
ClientSampleId :
ICVBM031225

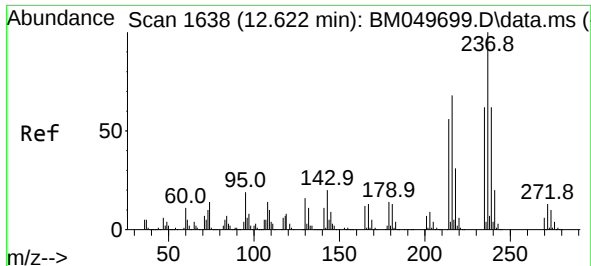
Tgt Ion:164 Resp: 971209
Ion Ratio Lower Upper
164 100
162 99.9 79.8 119.8
160 45.1 36.4 54.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.888 ng
RT: 12.639 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BM049703.D
Acq: 12 Mar 2025 21:17

Tgt Ion:216 Resp: 1347901
Ion Ratio Lower Upper
216 100
214 78.0 63.2 94.8
179 19.4 15.6 23.4
108 14.2 11.8 17.8

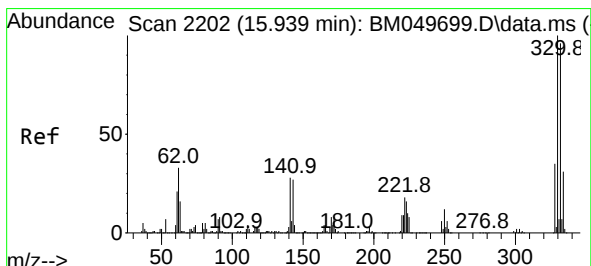
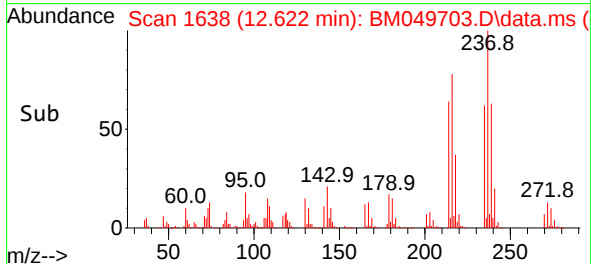
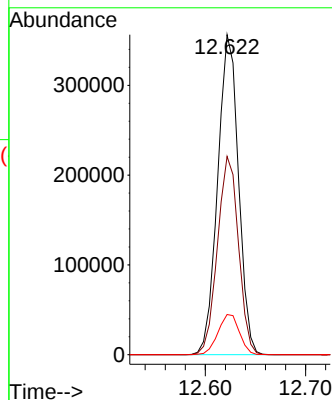
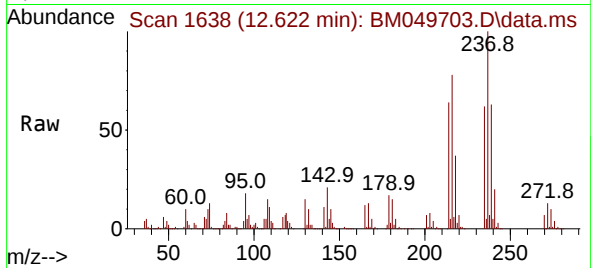




#41
Hexachlorocyclopentadiene
Concen: 42.035 ng
RT: 12.622 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM049703.D
Acq: 12 Mar 2025 21:17

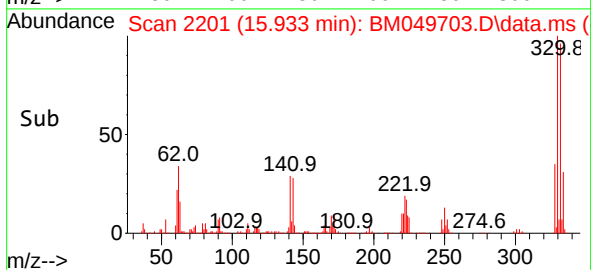
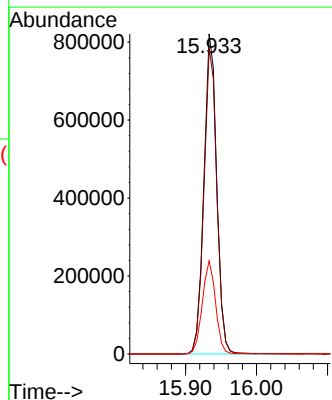
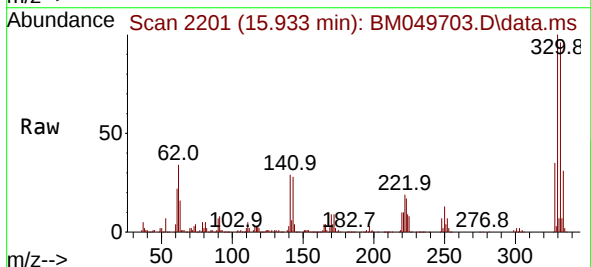
Instrument :
BNA_M
ClientSampleId :
ICVBM031225

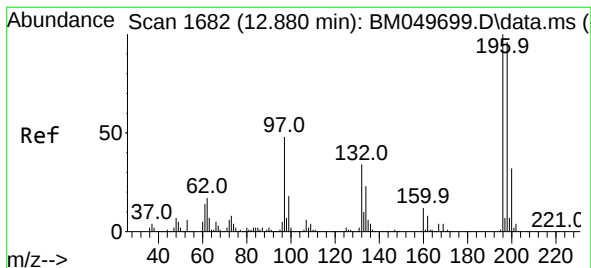
Tgt Ion:237 Resp: 512335
Ion Ratio Lower Upper
237 100
235 62.0 41.8 81.8
272 12.6 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 76.185 ng
RT: 15.933 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BM049703.D
Acq: 12 Mar 2025 21:17

Tgt Ion:330 Resp: 1031990
Ion Ratio Lower Upper
330 100
332 96.2 77.2 115.8
141 30.1 25.4 38.0





#43

2,4,6-Trichlorophenol

Concen: 41.064 ng

RT: 12.880 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM049703.D

Acq: 12 Mar 2025 21:17

Instrument :

BNA_M

ClientSampleId :

ICVBM031225

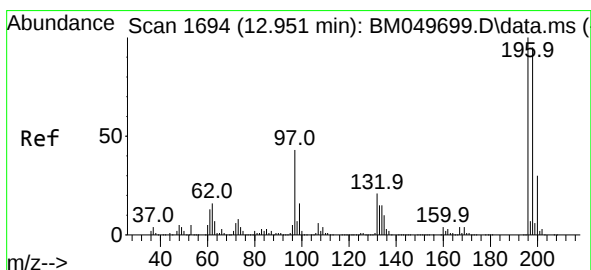
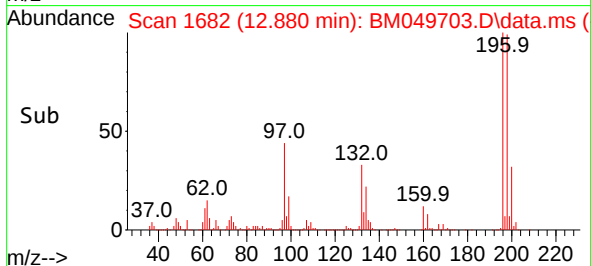
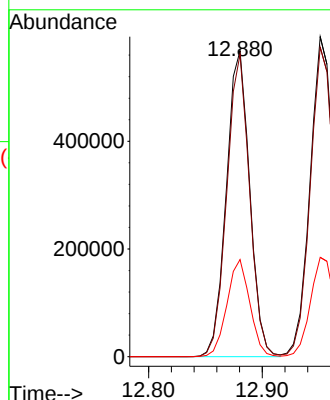
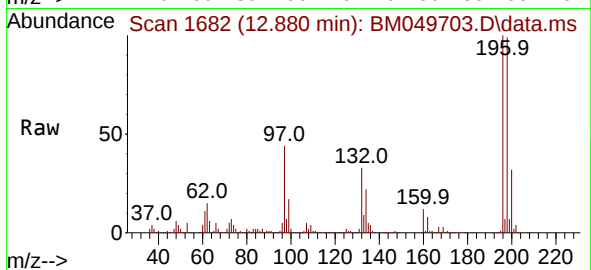
Tgt Ion:196 Resp: 811561

Ion Ratio Lower Upper

196 100

198 98.9 77.1 115.7

200 31.7 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 40.078 ng

RT: 12.951 min Scan# 1694

Delta R.T. 0.000 min

Lab File: BM049703.D

Acq: 12 Mar 2025 21:17

Tgt Ion:196 Resp: 872401

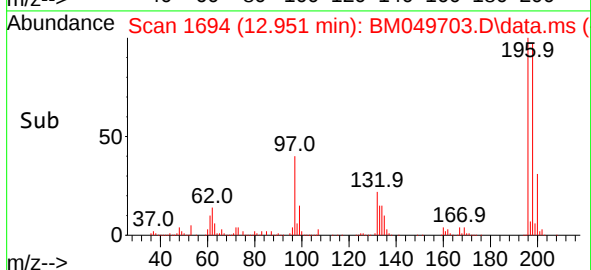
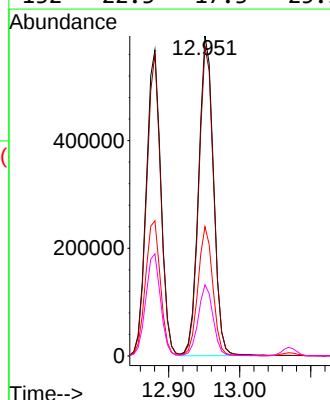
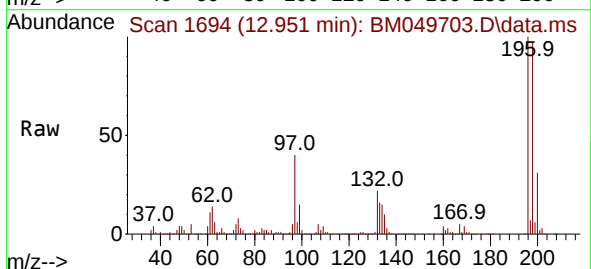
Ion Ratio Lower Upper

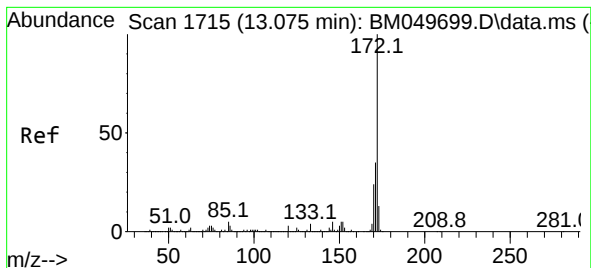
196 100

198 96.7 75.8 113.8

97 40.4 34.1 51.1

132 22.3 17.3 25.9





#45

2-Fluorobiphenyl

Concen: 81.514 ng

RT: 13.069 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM049703.D

Acq: 12 Mar 2025 21:17

Instrument :

BNA_M

ClientSampleId :

ICVBM031225

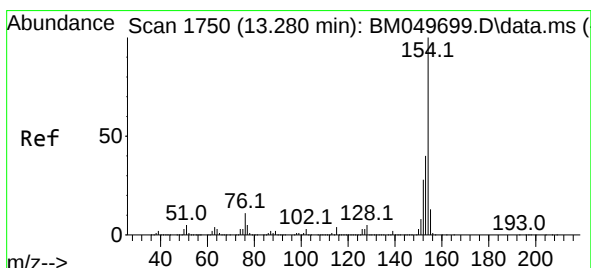
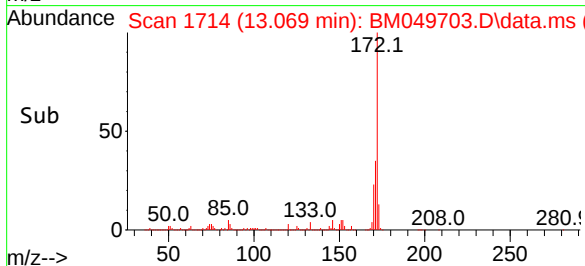
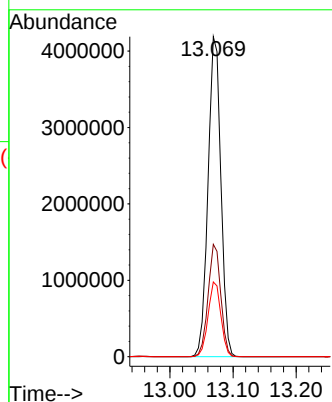
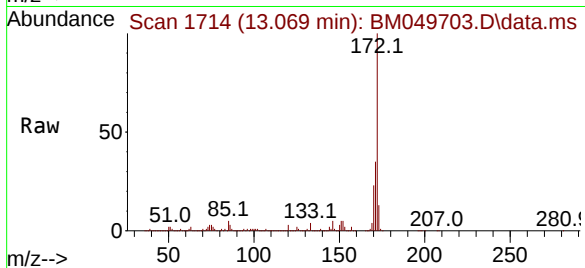
Tgt Ion:172 Resp: 5923717

Ion Ratio Lower Upper

172 100

171 35.1 28.0 42.0

170 23.4 18.8 28.2



#46

1,1'-Biphenyl

Concen: 40.135 ng

RT: 13.280 min Scan# 1750

Delta R.T. 0.000 min

Lab File: BM049703.D

Acq: 12 Mar 2025 21:17

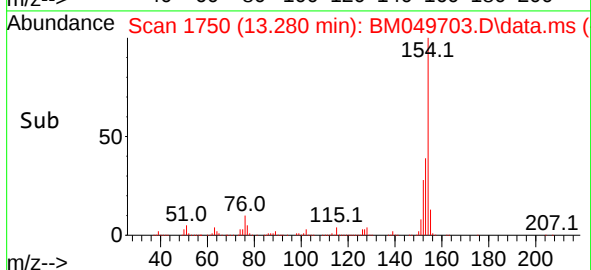
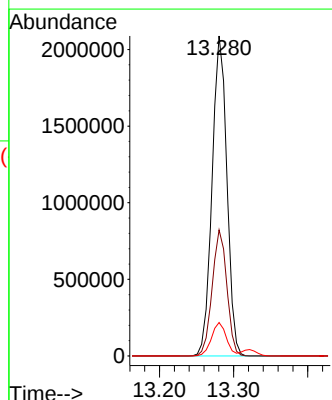
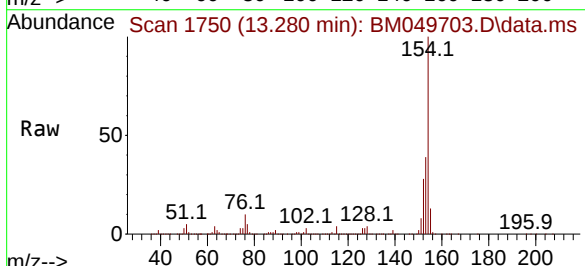
Tgt Ion:154 Resp: 2893812

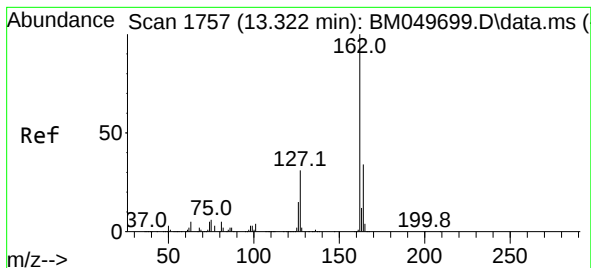
Ion Ratio Lower Upper

154 100

153 39.4 19.8 59.8

76 10.5 0.0 31.2





#47

2-Chloronaphthalene

Concen: 39.931 ng

RT: 13.322 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM049703.D

Acq: 12 Mar 2025 21:17

Instrument :

BNA_M

ClientSampleId :

ICVBM031225

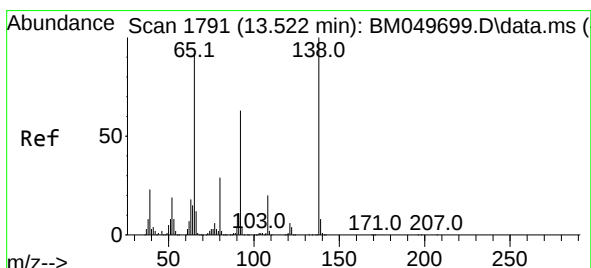
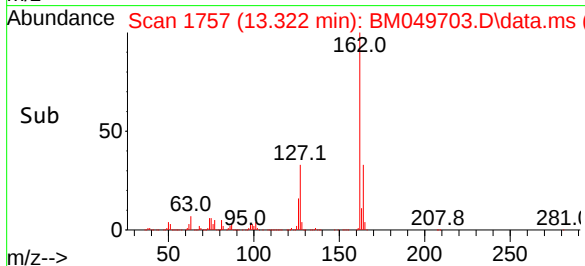
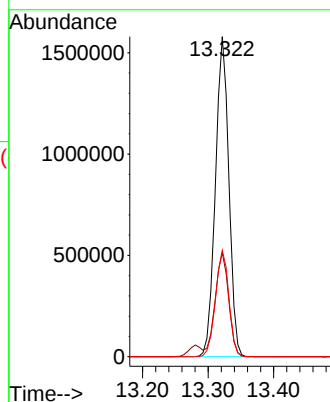
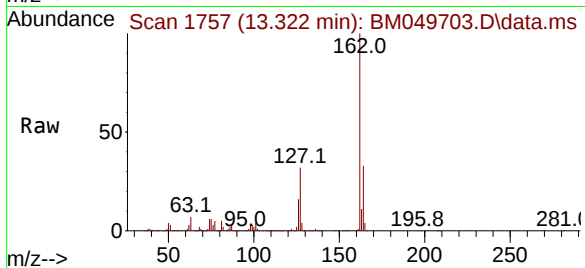
Tgt Ion:162 Resp: 2241971

Ion Ratio Lower Upper

162 100

127 32.5 26.2 39.2

164 33.2 27.0 40.4



#48

2-Nitroaniline

Concen: 37.504 ng

RT: 13.522 min Scan# 1791

Delta R.T. 0.000 min

Lab File: BM049703.D

Acq: 12 Mar 2025 21:17

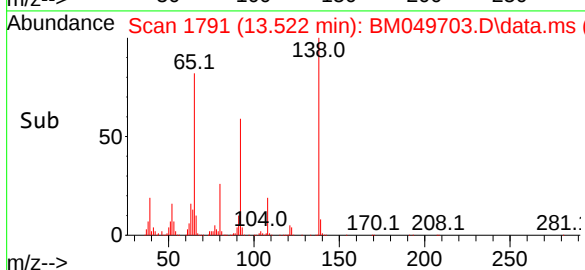
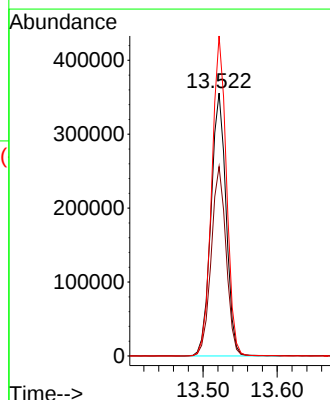
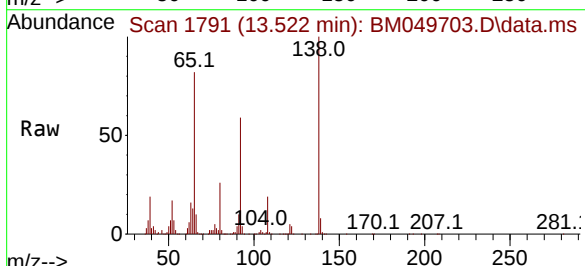
Tgt Ion: 65 Resp: 503794

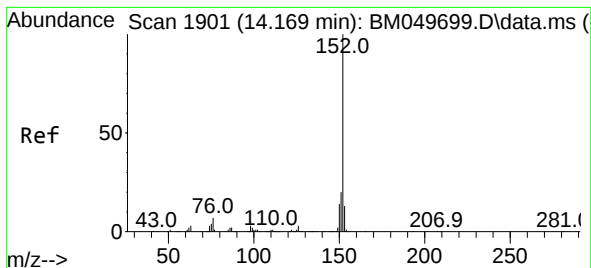
Ion Ratio Lower Upper

65 100

92 72.1 54.4 81.6

138 121.7 87.0 130.4





#49

Acenaphthylene

Concen: 39.995 ng

RT: 14.169 min Scan# 1901

Delta R.T. 0.000 min

Lab File: BM049703.D

Acq: 12 Mar 2025 21:17

Instrument :

BNA_M

ClientSampleId :

ICVBM031225

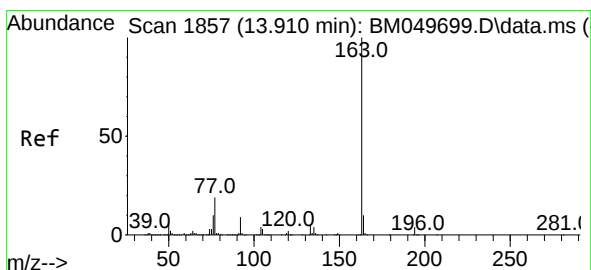
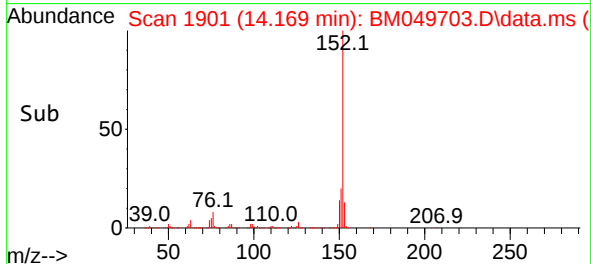
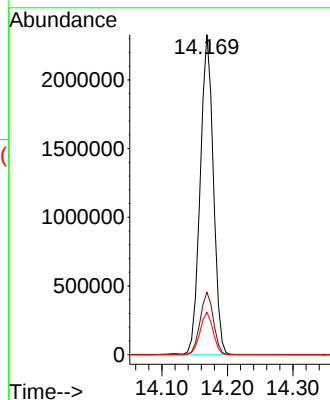
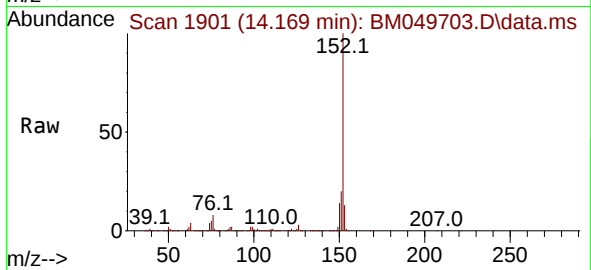
Tgt Ion:152 Resp: 3243706

Ion Ratio Lower Upper

152 100

151 19.5 15.9 23.9

153 13.3 10.7 16.1



#50

Dimethylphthalate

Concen: 38.384 ng

RT: 13.904 min Scan# 1856

Delta R.T. -0.006 min

Lab File: BM049703.D

Acq: 12 Mar 2025 21:17

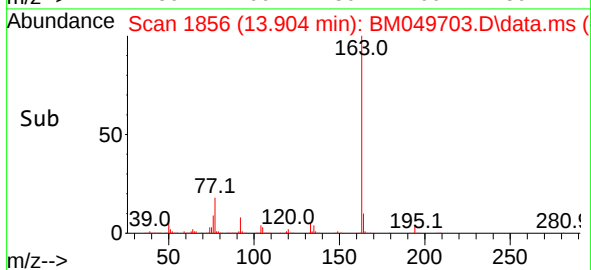
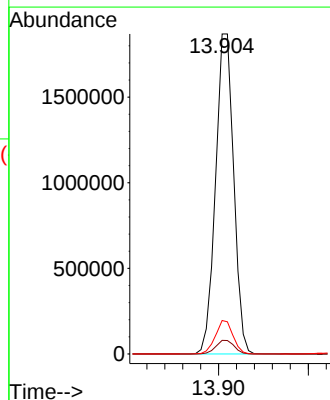
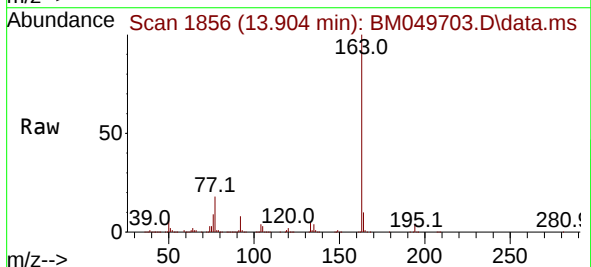
Tgt Ion:163 Resp: 2623953

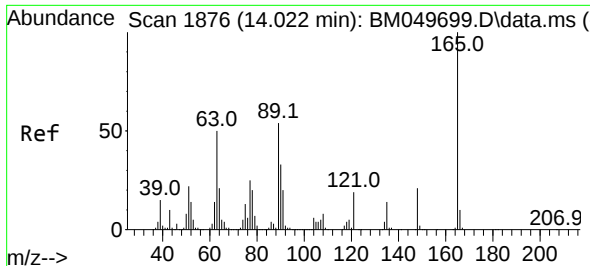
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

164 10.5 8.2 12.2

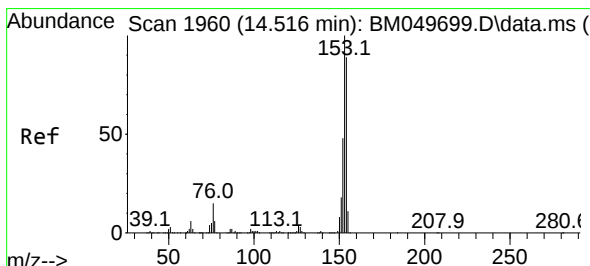
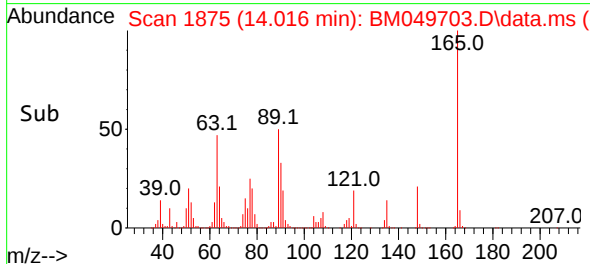
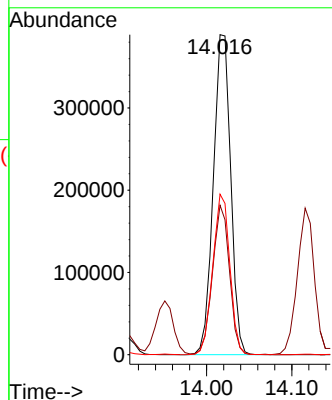
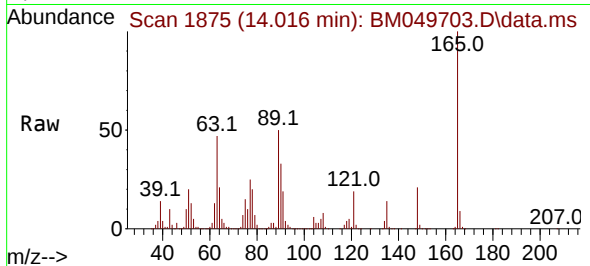




#51
2,6-Dinitrotoluene
Concen: 39.956 ng
RT: 14.016 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM049703.D
Acq: 12 Mar 2025 21:17

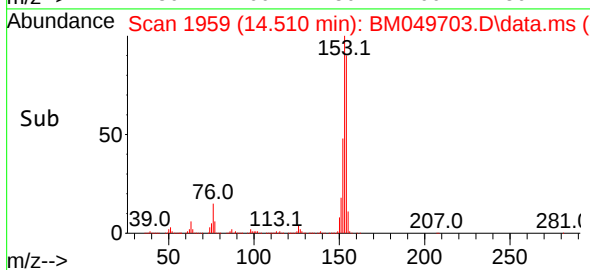
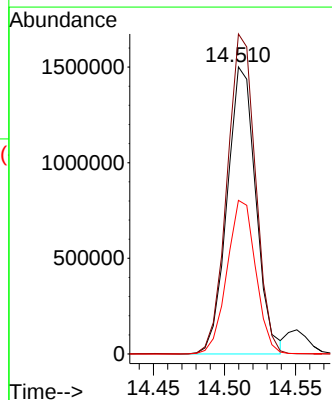
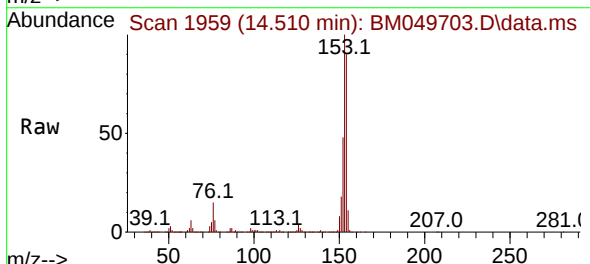
Instrument :
BNA_M
ClientSampleId :
ICVBM031225

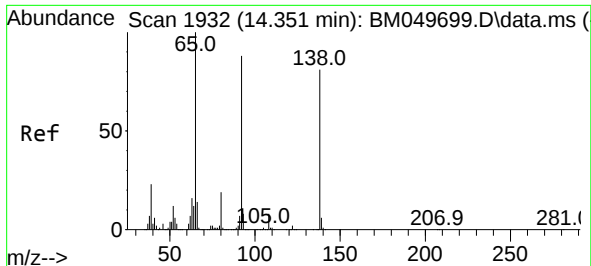
Tgt Ion:165 Resp: 551267
Ion Ratio Lower Upper
165 100
63 46.7 41.1 61.7
89 50.1 42.9 64.3



#52
Acenaphthene
Concen: 39.460 ng
RT: 14.510 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BM049703.D
Acq: 12 Mar 2025 21:17

Tgt Ion:154 Resp: 2107256
Ion Ratio Lower Upper
154 100
153 111.5 89.7 134.5
152 53.5 43.2 64.8

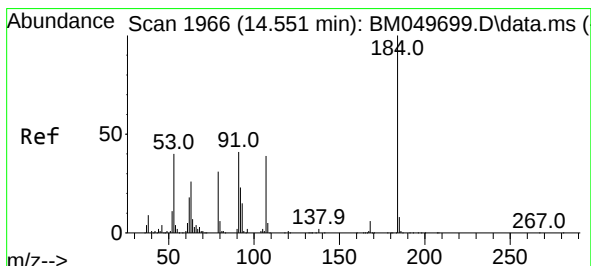
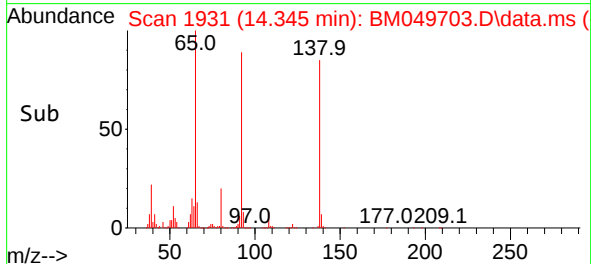
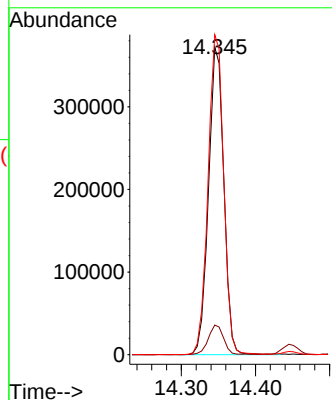
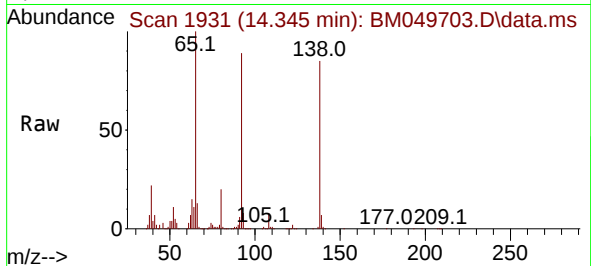




#53
3-Nitroaniline
Concen: 39.626 ng
RT: 14.345 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BM049703.D
Acq: 12 Mar 2025 21:17

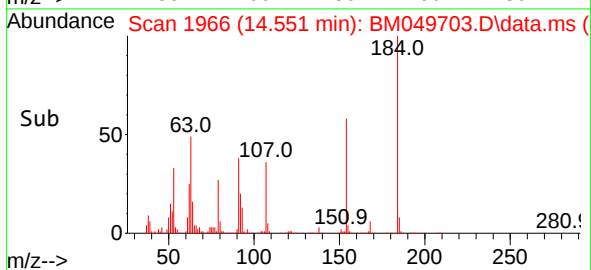
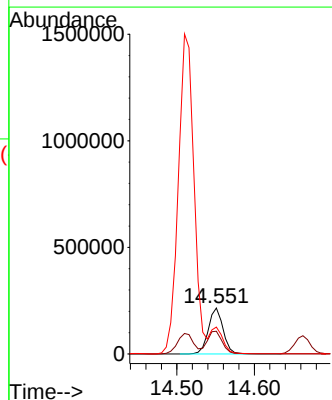
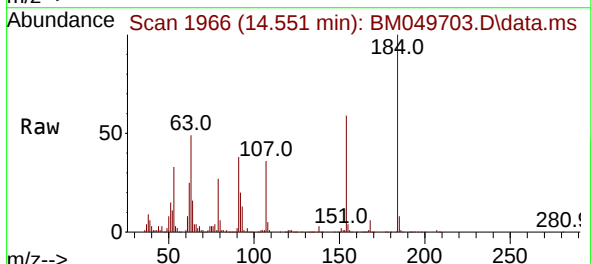
Instrument :
BNA_M
ClientSampleId :
ICVBM031225

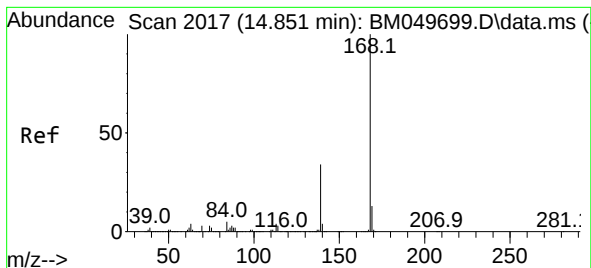
Tgt Ion:138 Resp: 534250
Ion Ratio Lower Upper
138 100
108 9.6 7.4 11.2
92 104.1 86.9 130.3



#54
2,4-Dinitrophenol
Concen: 39.245 ng
RT: 14.551 min Scan# 1966
Delta R.T. -0.000 min
Lab File: BM049703.D
Acq: 12 Mar 2025 21:17

Tgt Ion:184 Resp: 284599
Ion Ratio Lower Upper
184 100
63 49.4 47.0 70.4
154 58.5 47.7 71.5





#55

Dibenzenofuran

Concen: 38.946 ng

RT: 14.845 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BM049703.D

Acq: 12 Mar 2025 21:17

Instrument :

BNA_M

ClientSampleId :

ICVBM031225

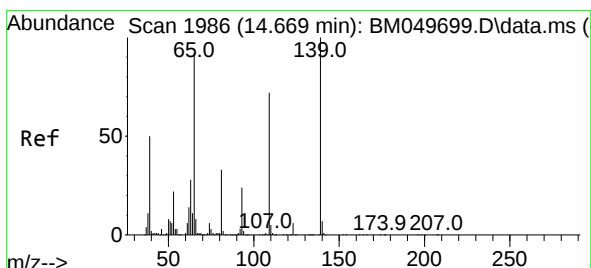
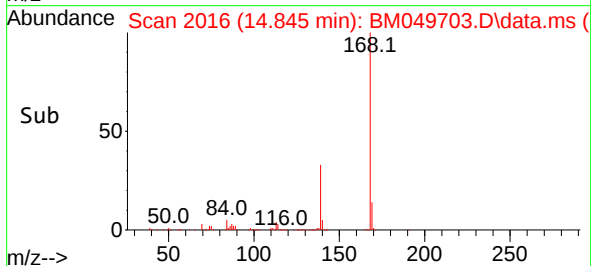
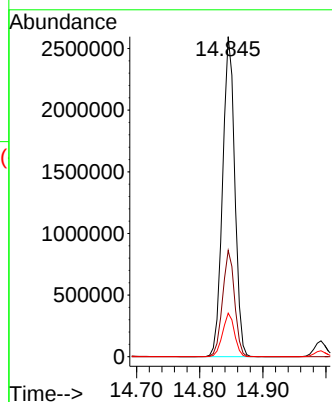
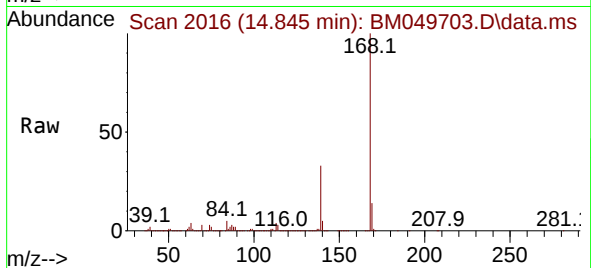
Tgt Ion:168 Resp: 3481083

Ion Ratio Lower Upper

168 100

139 33.2 26.8 40.2

169 13.6 10.6 16.0



#56

4-Nitrophenol

Concen: 38.290 ng

RT: 14.663 min Scan# 1985

Delta R.T. -0.006 min

Lab File: BM049703.D

Acq: 12 Mar 2025 21:17

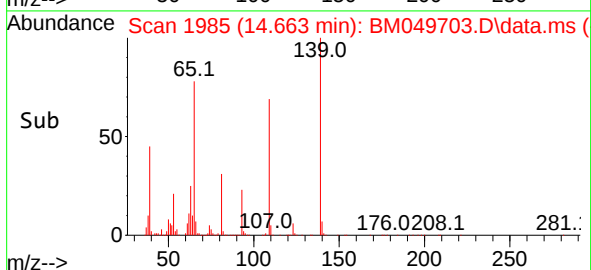
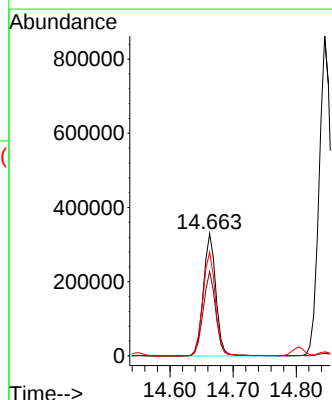
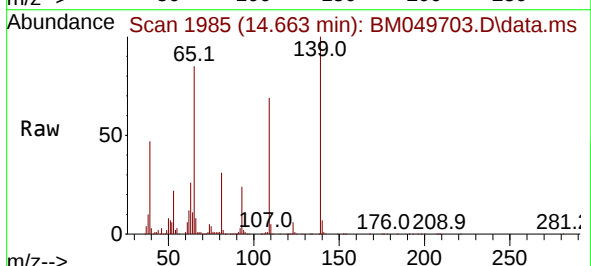
Tgt Ion:139 Resp: 453463

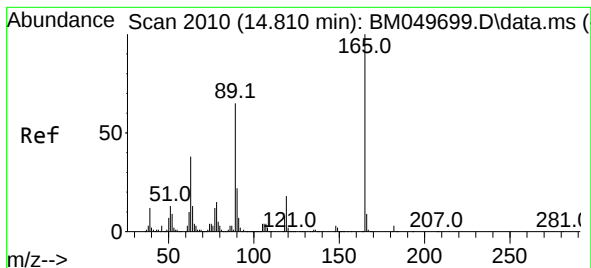
Ion Ratio Lower Upper

139 100

109 68.9 51.7 91.7

65 85.0 72.5 112.5

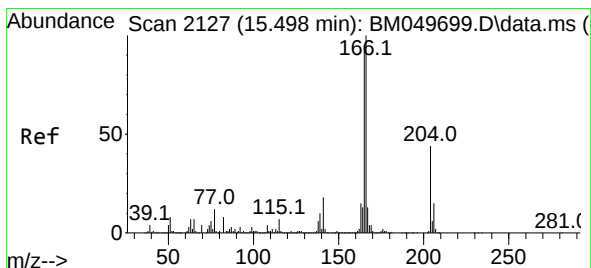
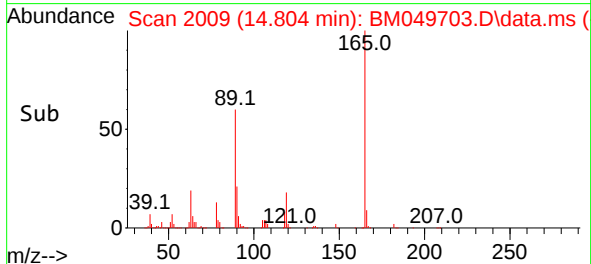
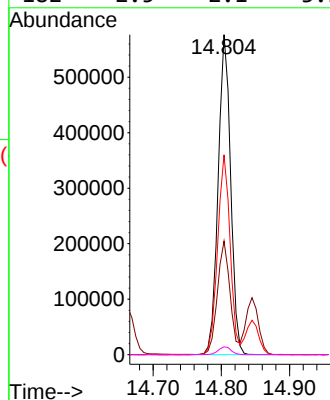
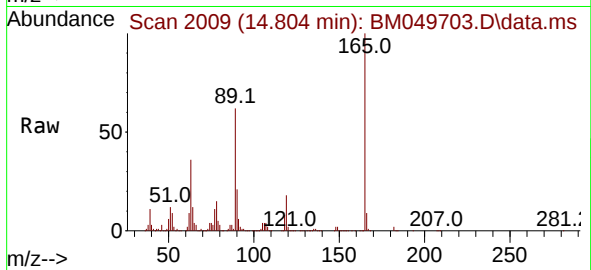




#57
2,4-Dinitrotoluene
Concen: 39.972 ng
RT: 14.804 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BM049703.D
Acq: 12 Mar 2025 21:17

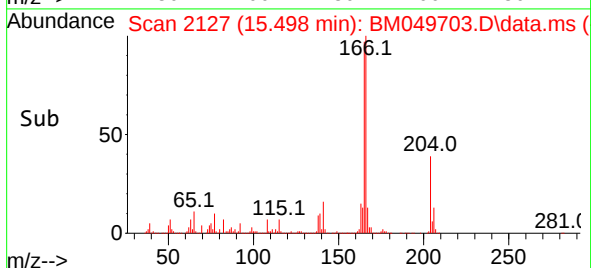
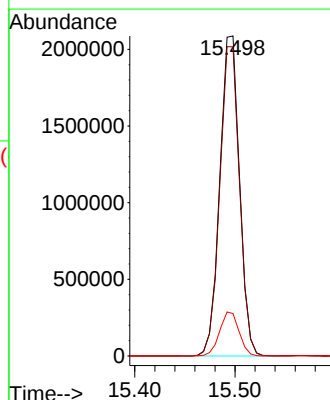
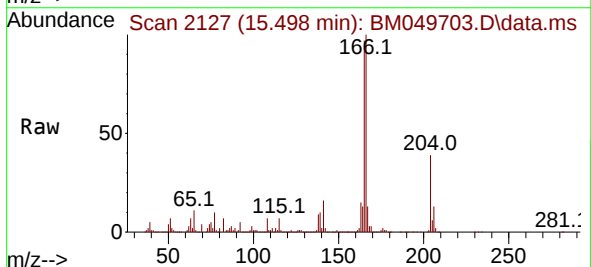
Instrument :
BNA_M
ClientSampleId :
ICVBM031225

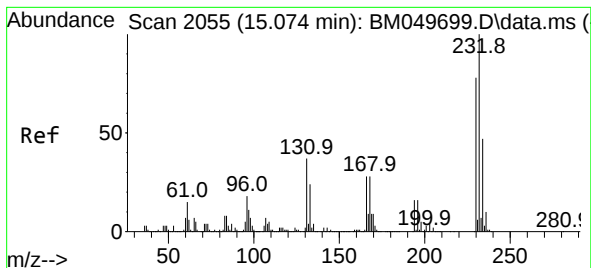
Tgt Ion:165 Resp: 735045
Ion Ratio Lower Upper
165 100
63 35.5 30.3 45.5
89 62.4 51.8 77.6
182 2.5 2.1 3.1



#58
Fluorene
Concen: 38.673 ng
RT: 15.498 min Scan# 2127
Delta R.T. 0.000 min
Lab File: BM049703.D
Acq: 12 Mar 2025 21:17

Tgt Ion:166 Resp: 2848859
Ion Ratio Lower Upper
166 100
165 96.6 76.3 114.5
167 13.3 10.7 16.1

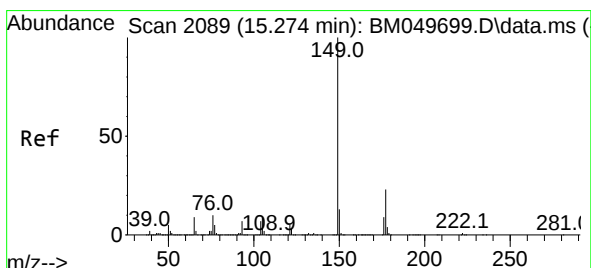
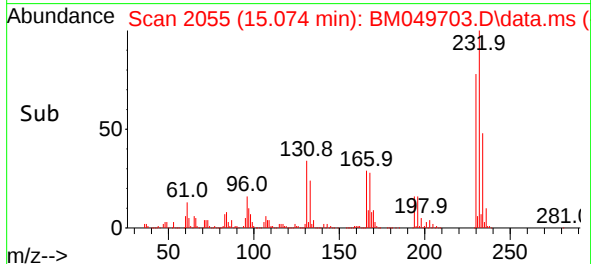
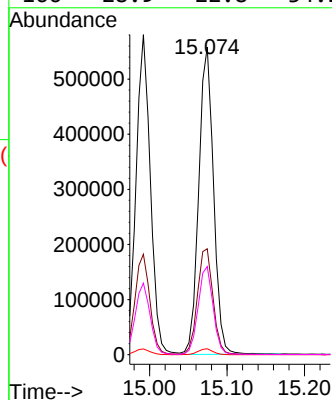
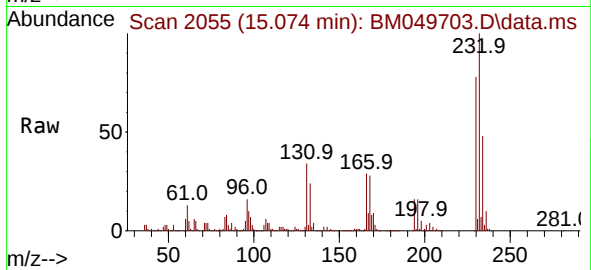




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.976 ng
RT: 15.074 min Scan# 2055
Delta R.T. 0.000 min
Lab File: BM049703.D
Acq: 12 Mar 2025 21:17

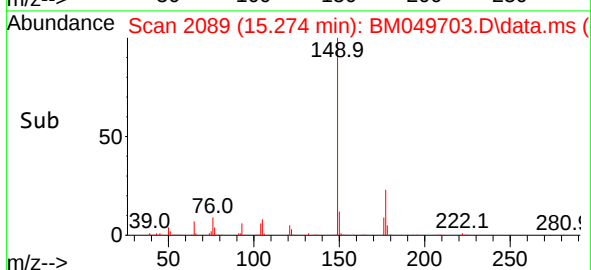
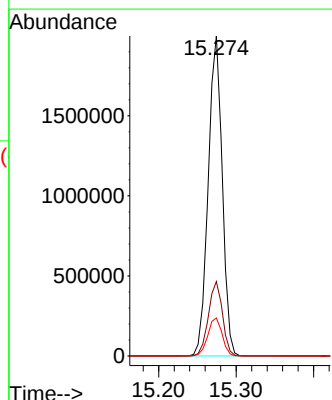
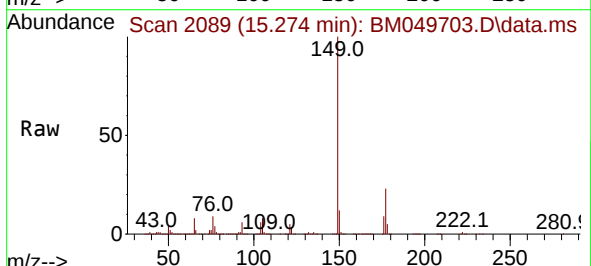
Instrument :
BNA_M
ClientSampleId :
ICVBM031225

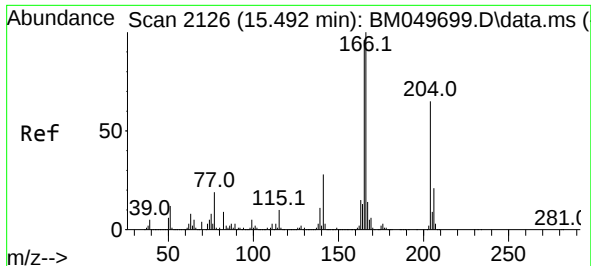
Tgt Ion:232 Resp: 739352
Ion Ratio Lower Upper
232 100
131 36.5 29.5 44.3
130 1.9 1.6 2.4
166 28.9 22.8 34.2



#60
Diethylphthalate
Concen: 38.271 ng
RT: 15.274 min Scan# 2089
Delta R.T. 0.000 min
Lab File: BM049703.D
Acq: 12 Mar 2025 21:17

Tgt Ion:149 Resp: 2508303
Ion Ratio Lower Upper
149 100
177 23.3 18.4 27.6
150 11.9 10.0 15.0

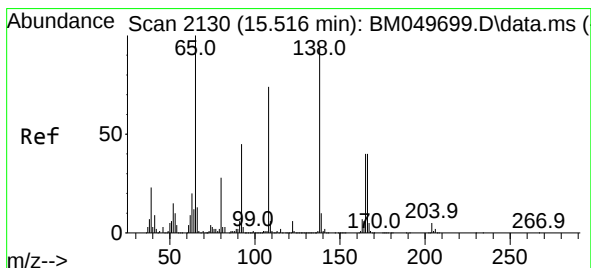
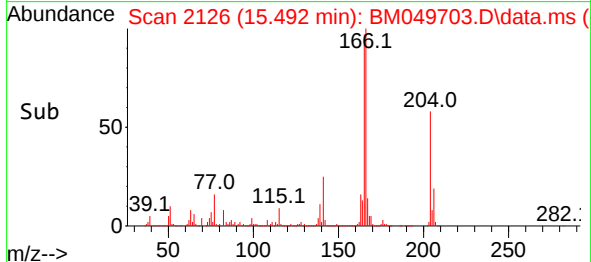
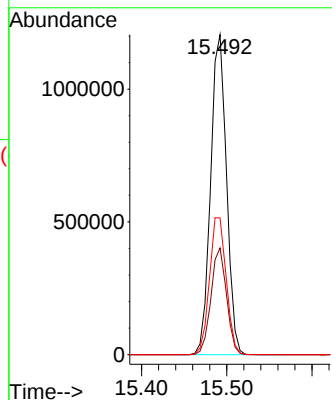
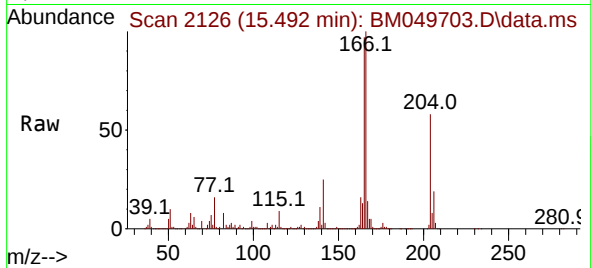




#61
4-Chlorophenyl-phenylether
Concen: 38.411 ng
RT: 15.492 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BM049703.D
Acq: 12 Mar 2025 21:17

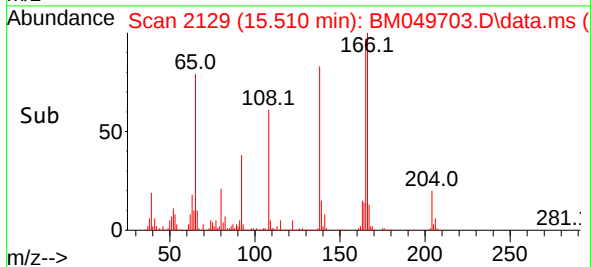
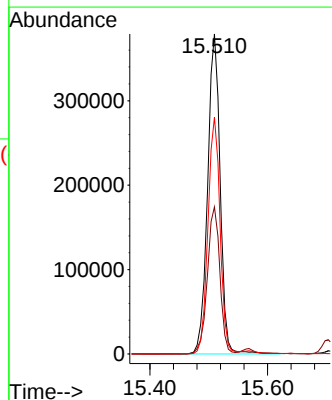
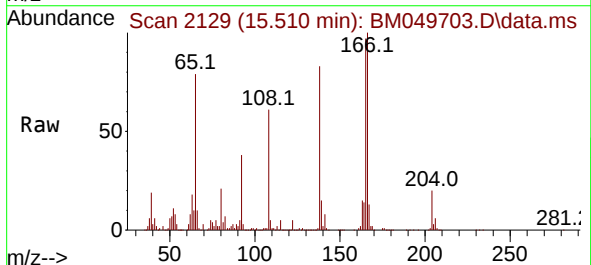
Instrument :
BNA_M
ClientSampleId :
ICVBM031225

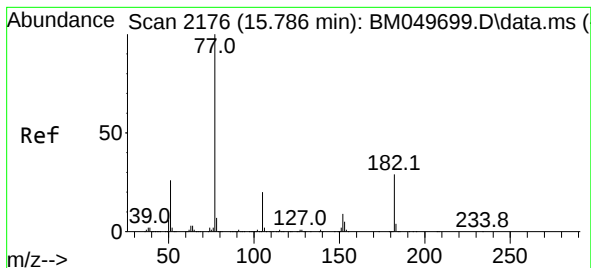
Tgt Ion:204 Resp: 1556345
Ion Ratio Lower Upper
204 100
206 33.4 26.0 39.0
141 42.8 34.0 51.0



#62
4-Nitroaniline
Concen: 39.576 ng
RT: 15.510 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BM049703.D
Acq: 12 Mar 2025 21:17

Tgt Ion:138 Resp: 563348
Ion Ratio Lower Upper
138 100
92 46.0 28.3 68.3
108 74.0 58.9 98.9





#63

Azobenzene

Concen: 36.786 ng

RT: 15.780 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM049703.D

Acq: 12 Mar 2025 21:17

Instrument :

BNA_M

ClientSampleId :

ICVBM031225

Tgt Ion: 77 Resp: 2237130

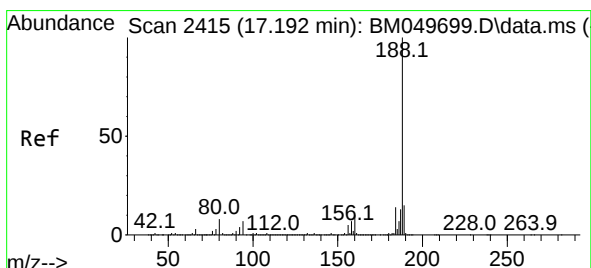
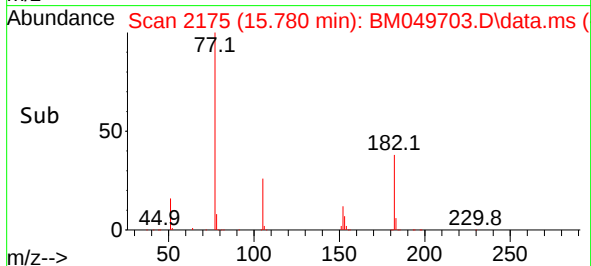
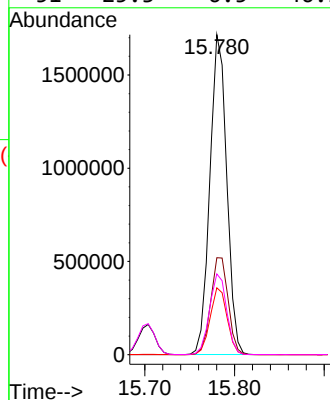
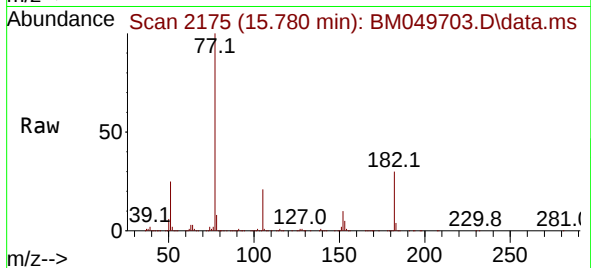
Ion Ratio Lower Upper

77 100

182 30.3 9.3 49.3

105 20.9 0.1 40.1

51 25.3 6.5 46.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.186 min Scan# 2414

Delta R.T. -0.006 min

Lab File: BM049703.D

Acq: 12 Mar 2025 21:17

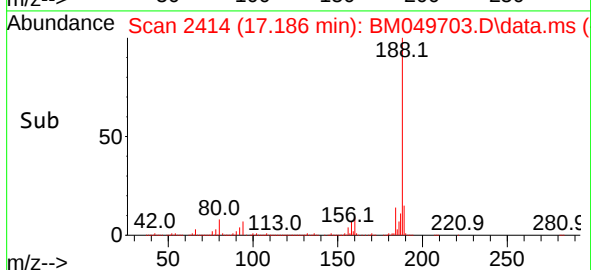
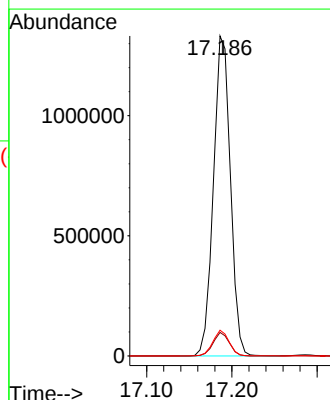
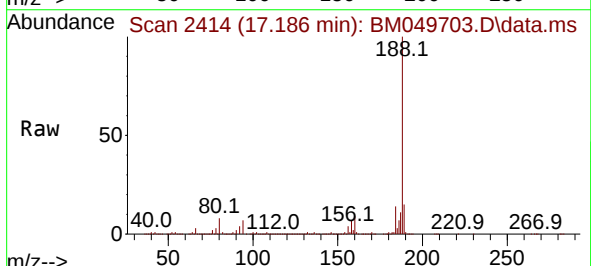
Tgt Ion:188 Resp: 1840094

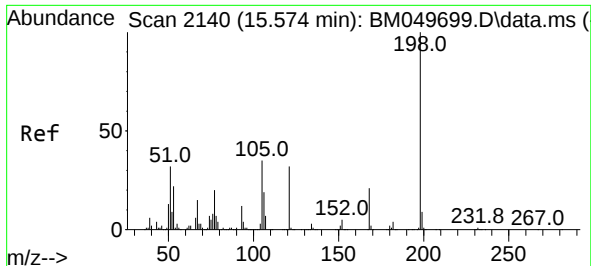
Ion Ratio Lower Upper

188 100

94 7.4 5.4 8.2

80 8.1 6.2 9.4

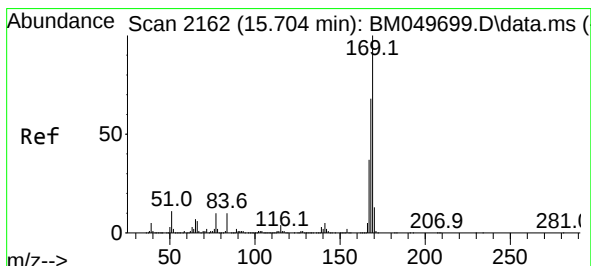
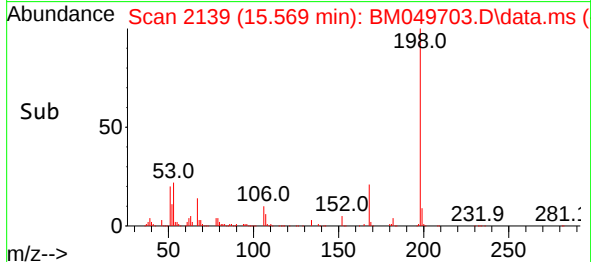
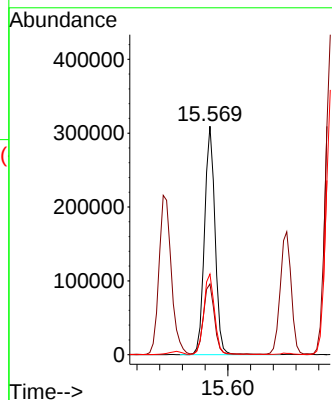
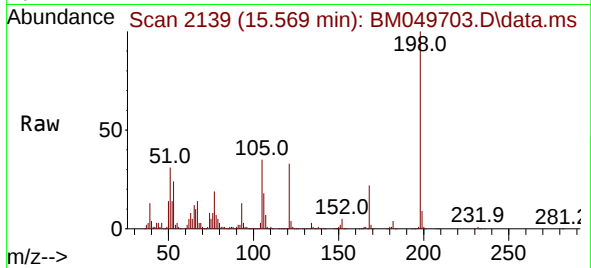




#65
4,6-Dinitro-2-methylphenol
Concen: 40.452 ng
RT: 15.569 min Scan# 2140
Delta R.T. -0.005 min
Lab File: BM049703.D
Acq: 12 Mar 2025 21:17

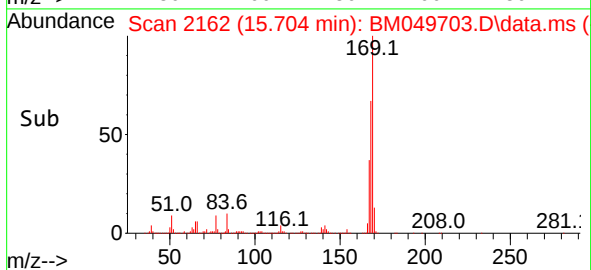
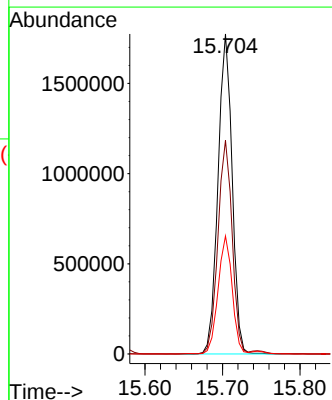
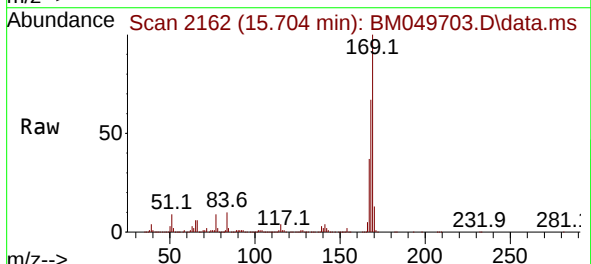
Instrument :
BNA_M
ClientSampleId :
ICVBM031225

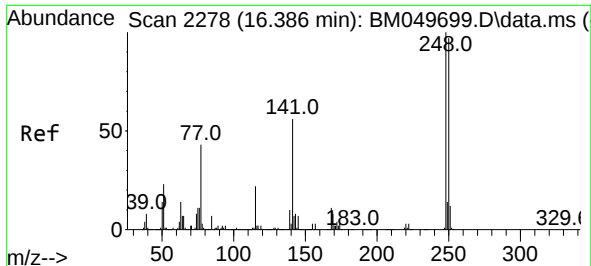
Tgt Ion:198 Resp: 396052
Ion Ratio Lower Upper
198 100
51 31.0 14.0 54.0
105 35.3 15.2 55.2



#66
n-Nitrosodiphenylamine
Concen: 40.566 ng
RT: 15.704 min Scan# 2162
Delta R.T. 0.000 min
Lab File: BM049703.D
Acq: 12 Mar 2025 21:17

Tgt Ion:169 Resp: 2245148
Ion Ratio Lower Upper
169 100
168 66.8 54.0 81.0
167 36.8 29.6 44.4

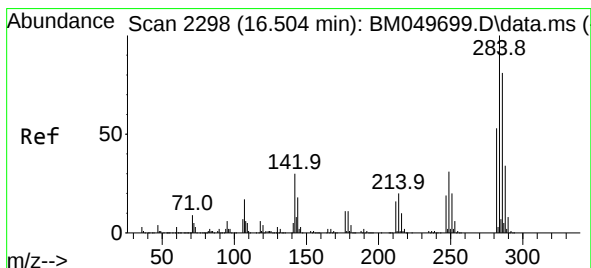
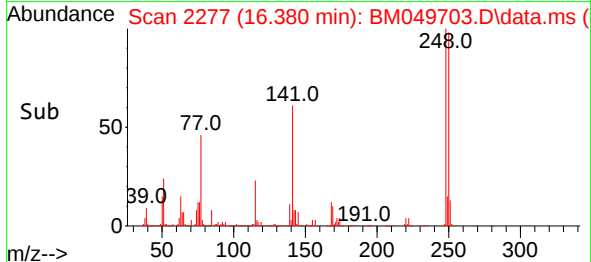
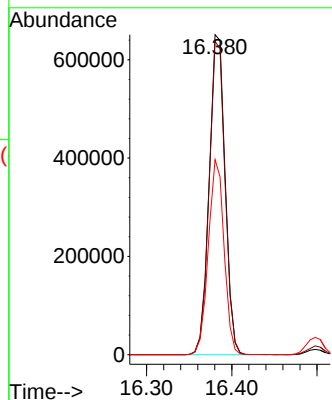
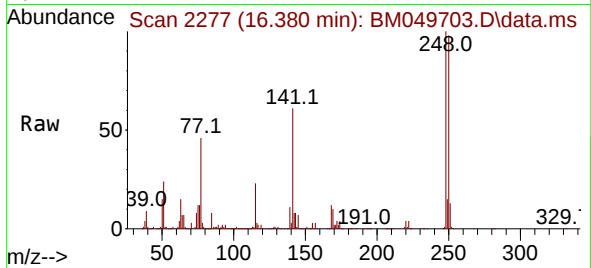




#67
4-Bromophenyl-phenylether
Concen: 39.726 ng
RT: 16.380 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM049703.D
Acq: 12 Mar 2025 21:17

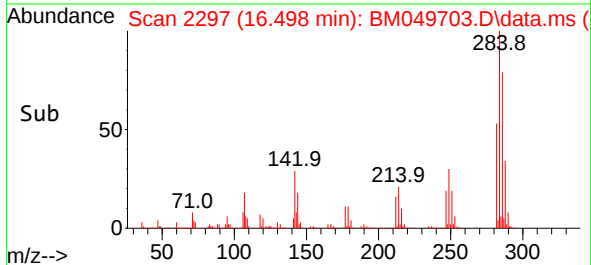
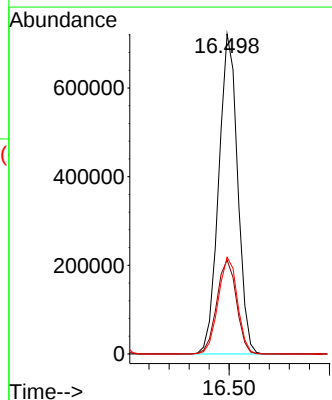
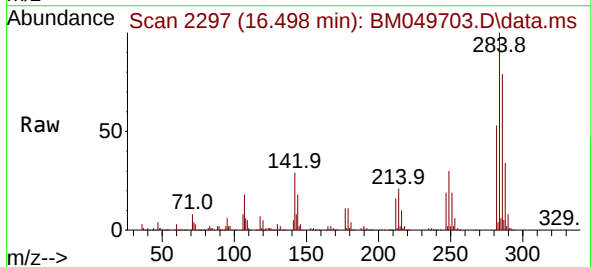
Instrument :
BNA_M
ClientSampleId :
ICVBM031225

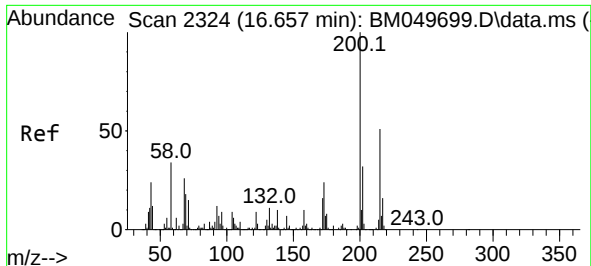
Tgt Ion:248 Resp: 847333
Ion Ratio Lower Upper
248 100
250 97.9 77.6 116.4
141 60.9 44.6 66.8



#68
Hexachlorobenzene
Concen: 39.482 ng
RT: 16.498 min Scan# 2297
Delta R.T. -0.006 min
Lab File: BM049703.D
Acq: 12 Mar 2025 21:17

Tgt Ion:284 Resp: 943219
Ion Ratio Lower Upper
284 100
142 29.3 23.6 35.4
249 30.3 24.7 37.1

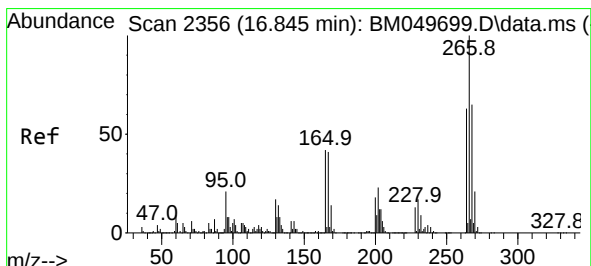
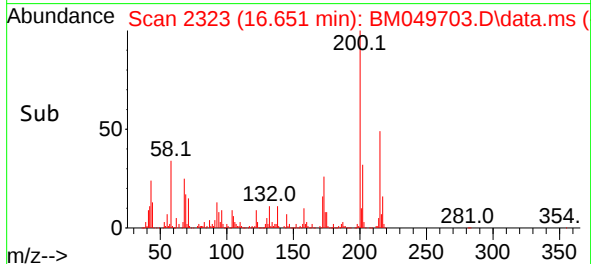
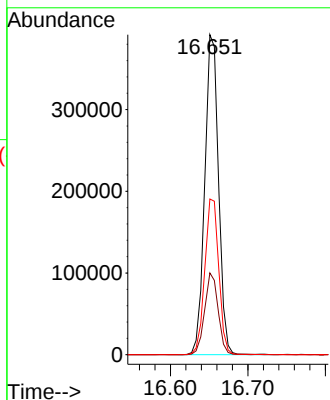
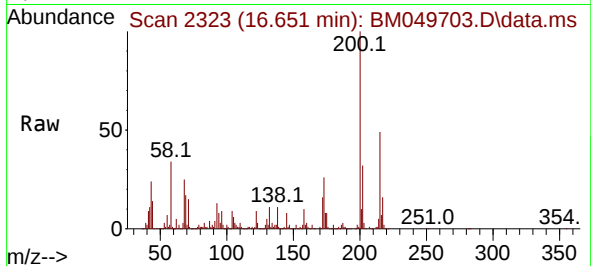




#69
 Atrazine
 Concen: 38.734 ng
 RT: 16.651 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM049703.D
 Acq: 12 Mar 2025 21:17

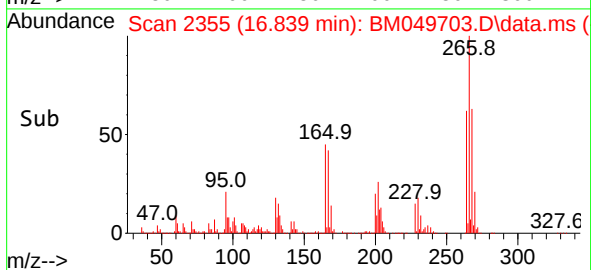
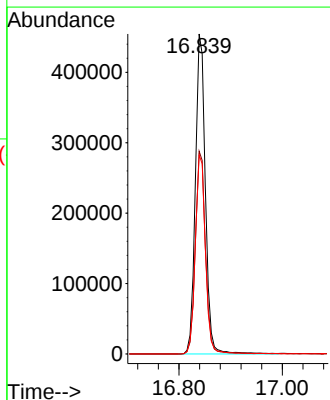
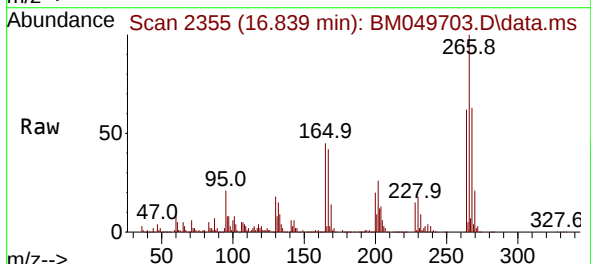
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM031225

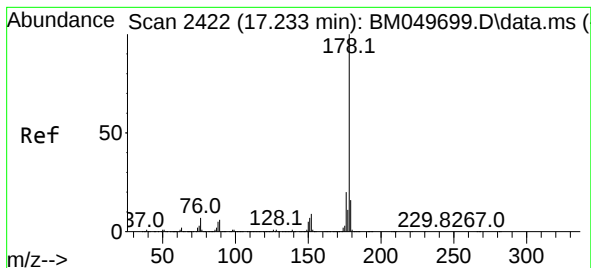
Tgt Ion:200 Resp: 483525
 Ion Ratio Lower Upper
 200 100
 173 25.6 4.4 44.4
 215 48.6 30.9 70.9



#70
 Pentachlorophenol
 Concen: 40.622 ng
 RT: 16.839 min Scan# 2355
 Delta R.T. -0.006 min
 Lab File: BM049703.D
 Acq: 12 Mar 2025 21:17

Tgt Ion:266 Resp: 610376
 Ion Ratio Lower Upper
 266 100
 268 63.4 51.8 77.6
 264 62.2 50.6 75.8





#71

Phenanthrene

Concen: 39.848 ng

RT: 17.233 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM049703.D

Acq: 12 Mar 2025 21:17

Instrument :

BNA_M

ClientSampleId :

ICVBM031225

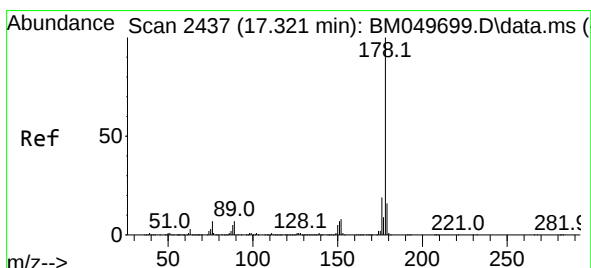
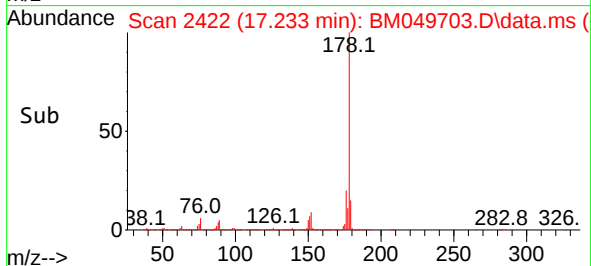
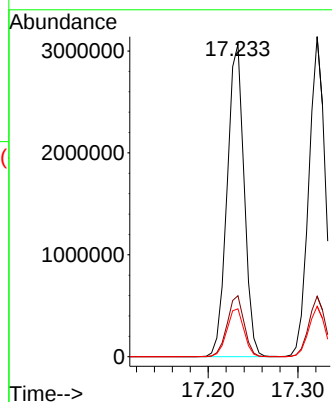
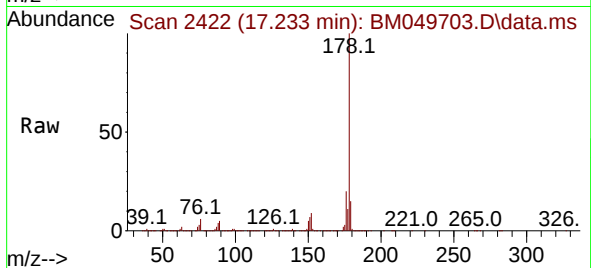
Tgt Ion:178 Resp: 4032031

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.6

179 15.3 12.4 18.6



#72

Anthracene

Concen: 40.537 ng

RT: 17.321 min Scan# 2437

Delta R.T. 0.000 min

Lab File: BM049703.D

Acq: 12 Mar 2025 21:17

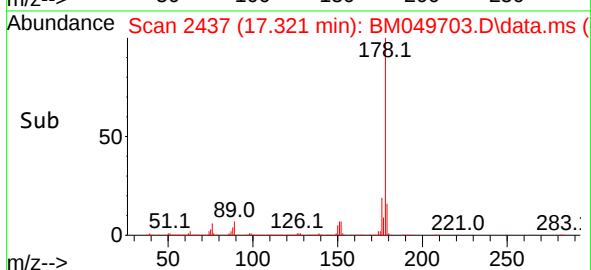
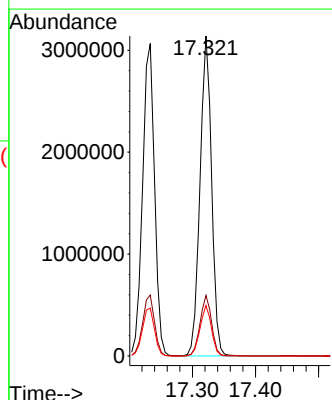
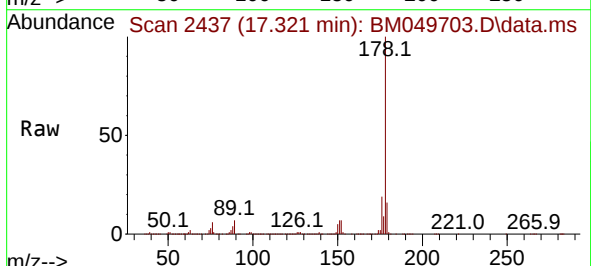
Tgt Ion:178 Resp: 4007823

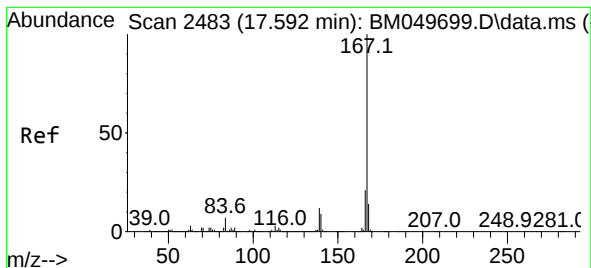
Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

179 15.7 12.6 18.8





#73

Carbazole

Concen: 39.637 ng

RT: 17.592 min Scan# 2483

Delta R.T. 0.000 min

Lab File: BM049703.D

Acq: 12 Mar 2025 21:17

Instrument :

BNA_M

ClientSampleId :

ICVBM031225

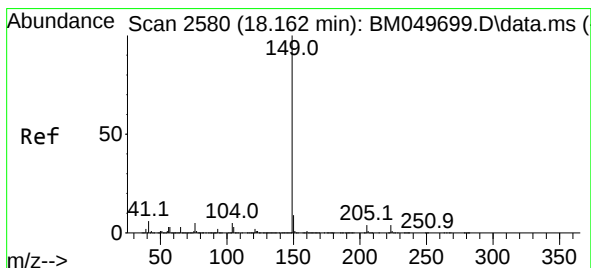
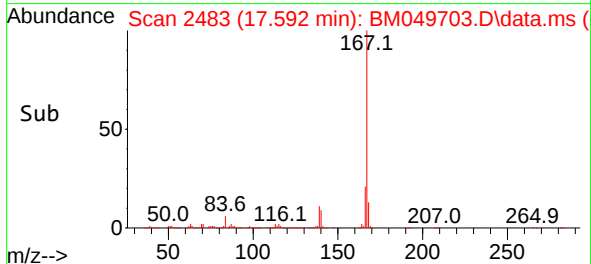
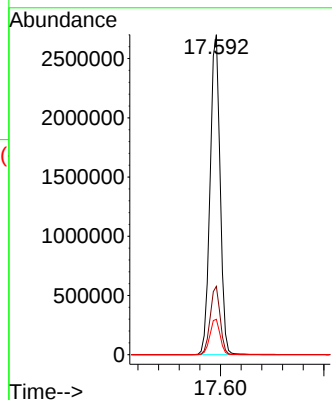
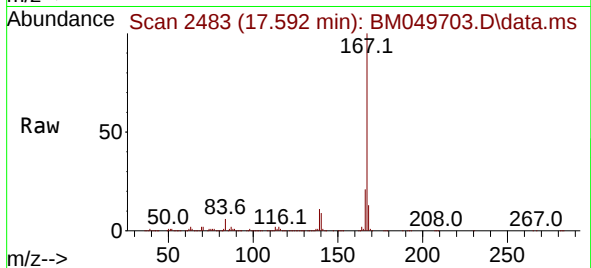
Tgt Ion:167 Resp: 3628830

Ion Ratio Lower Upper

167 100

166 21.4 17.1 25.7

139 11.0 9.4 14.0



#74

Di-n-butylphthalate

Concen: 41.816 ng

RT: 18.162 min Scan# 2580

Delta R.T. 0.000 min

Lab File: BM049703.D

Acq: 12 Mar 2025 21:17

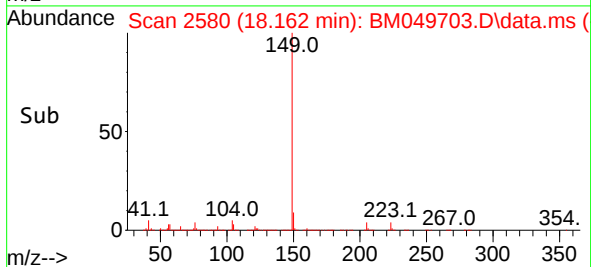
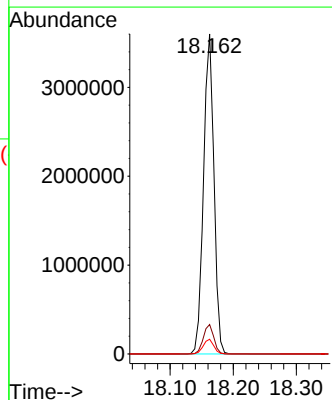
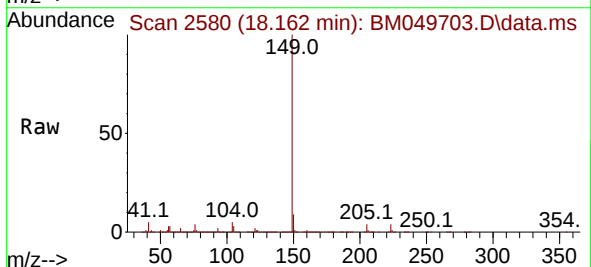
Tgt Ion:149 Resp: 4120842

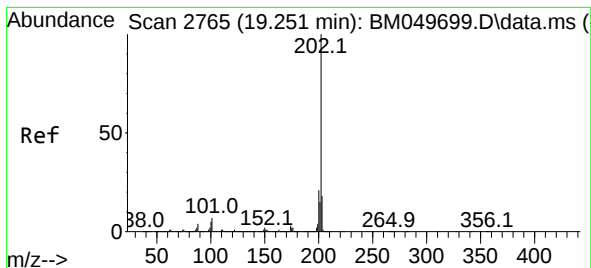
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 4.6 3.9 5.9





#75

Fluoranthene

Concen: 40.403 ng

RT: 19.245 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM049703.D

Acq: 12 Mar 2025 21:17

Instrument :

BNA_M

ClientSampleId :

ICVBM031225

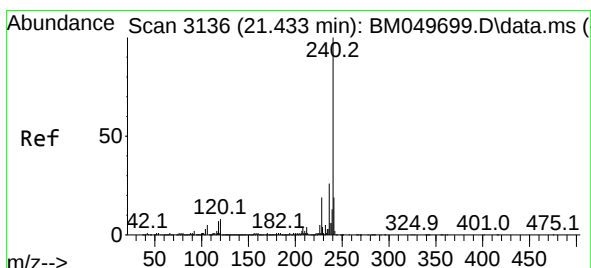
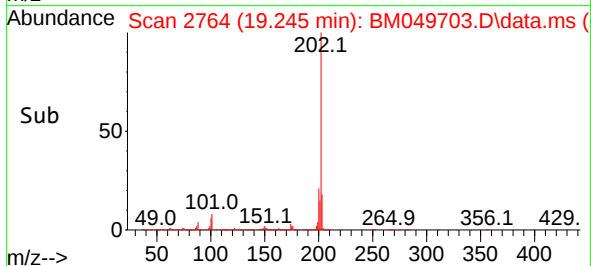
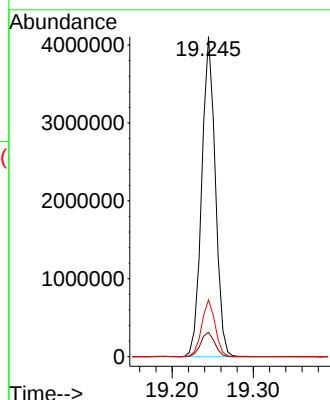
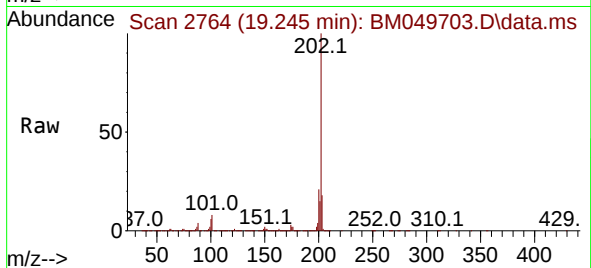
Tgt Ion:202 Resp: 4775884

Ion Ratio Lower Upper

202 100

101 7.6 0.0 27.1

203 17.7 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.427 min Scan# 3135

Delta R.T. -0.006 min

Lab File: BM049703.D

Acq: 12 Mar 2025 21:17

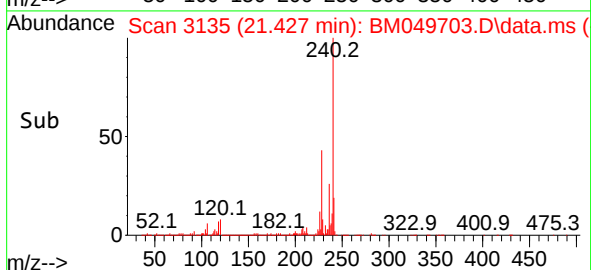
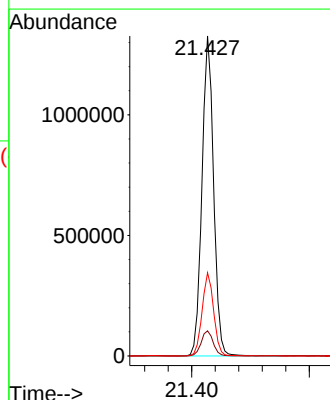
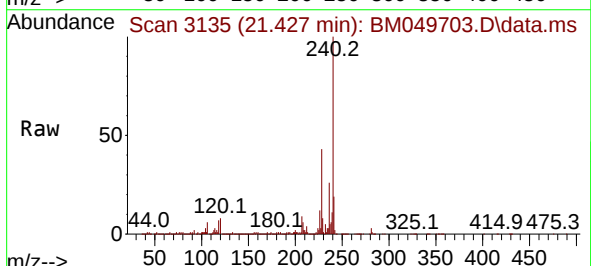
Tgt Ion:240 Resp: 1816236

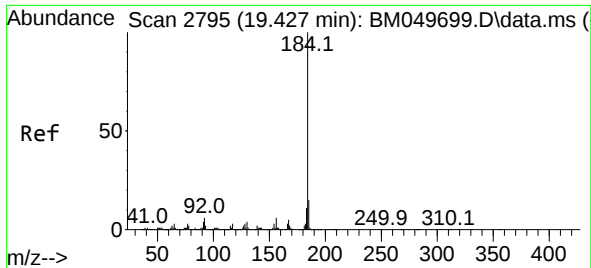
Ion Ratio Lower Upper

240 100

120 7.8 6.1 9.1

236 26.0 20.8 31.2

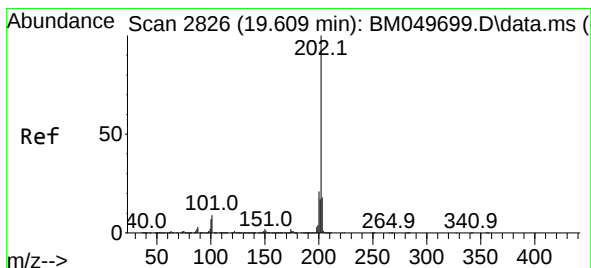
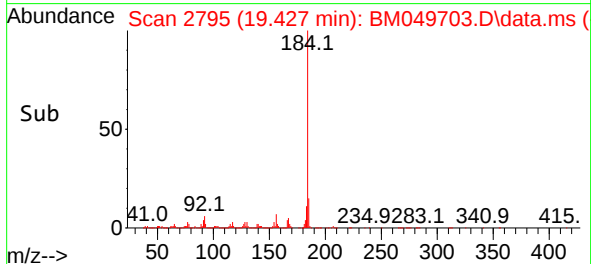
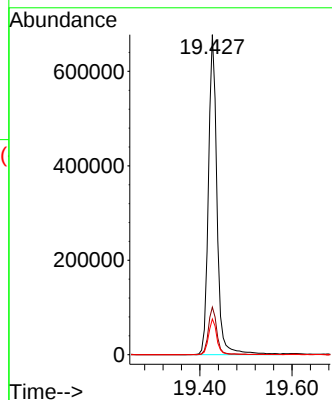
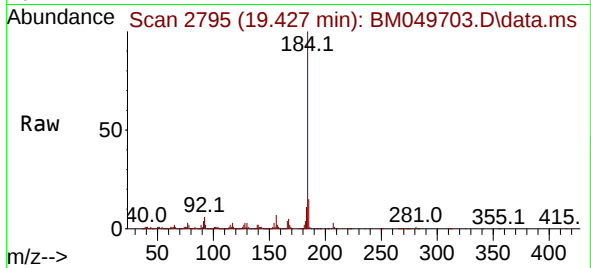




#77
Benzidine
Concen: 53.093 ng
RT: 19.427 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM049703.D
Acq: 12 Mar 2025 21:17

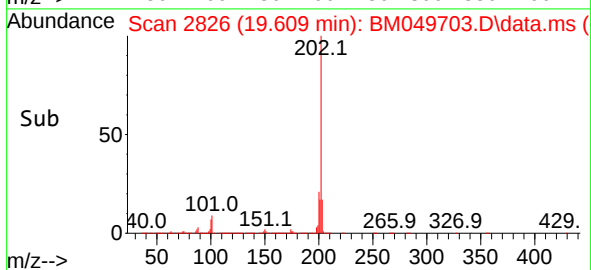
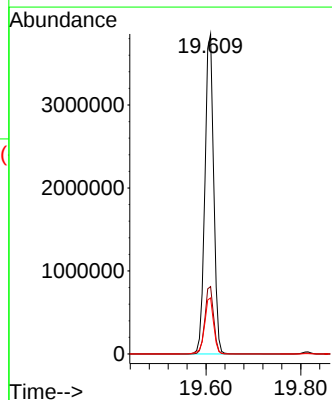
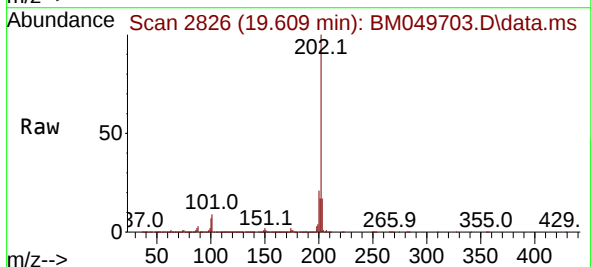
Instrument :
BNA_M
ClientSampleId :
ICVBM031225

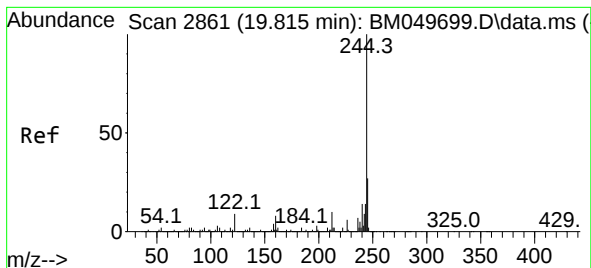
Tgt Ion:184 Resp: 882611
Ion Ratio Lower Upper
184 100
185 14.9 11.7 17.5
183 11.1 9.0 13.4



#78
Pyrene
Concen: 40.202 ng
RT: 19.609 min Scan# 2826
Delta R.T. 0.000 min
Lab File: BM049703.D
Acq: 12 Mar 2025 21:17

Tgt Ion:202 Resp: 4923894
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.4
203 17.5 14.3 21.5





#79

Terphenyl-d14

Concen: 82.175 ng

RT: 19.815 min Scan# 2861

Delta R.T. 0.000 min

Lab File: BM049703.D

Acq: 12 Mar 2025 21:17

Instrument :

BNA_M

ClientSampleId :

ICVBM031225

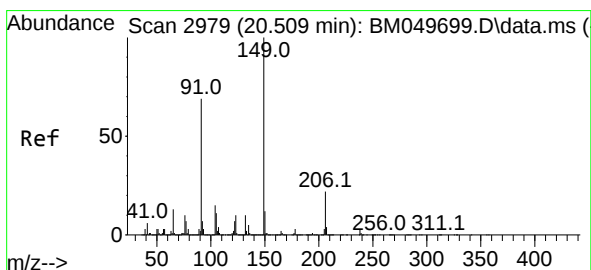
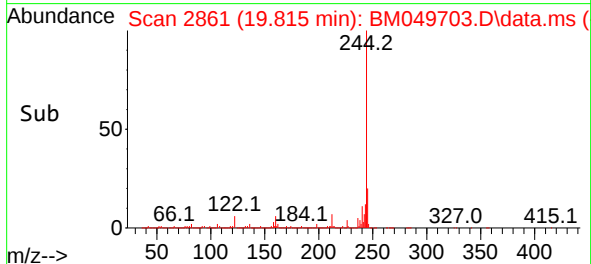
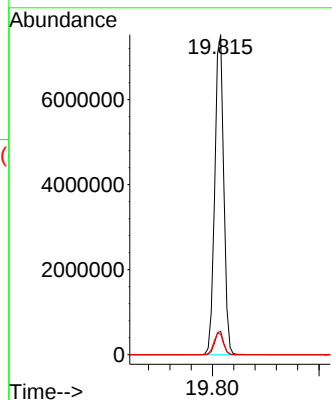
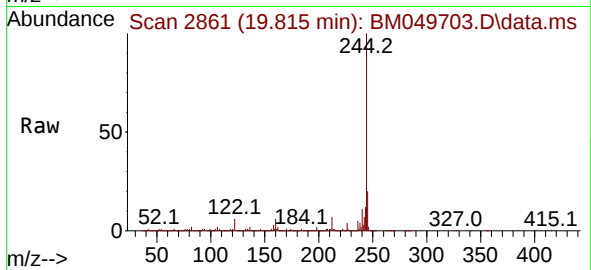
Tgt Ion:244 Resp: 8779072

Ion Ratio Lower Upper

244 100

212 7.3 7.6 11.4#

122 6.4 7.0 10.4#



#80

Butylbenzylphthalate

Concen: 41.973 ng

RT: 20.509 min Scan# 2979

Delta R.T. 0.000 min

Lab File: BM049703.D

Acq: 12 Mar 2025 21:17

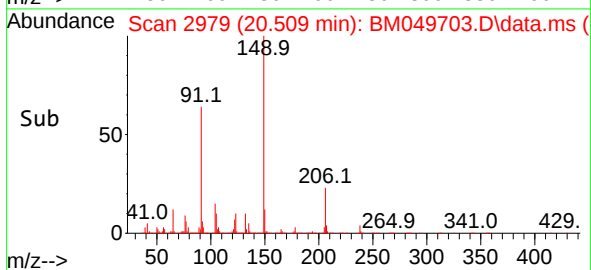
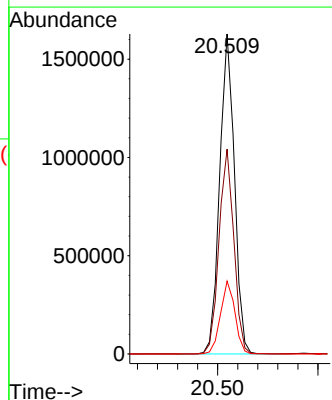
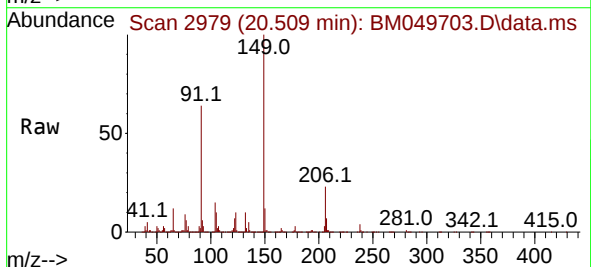
Tgt Ion:149 Resp: 1659566

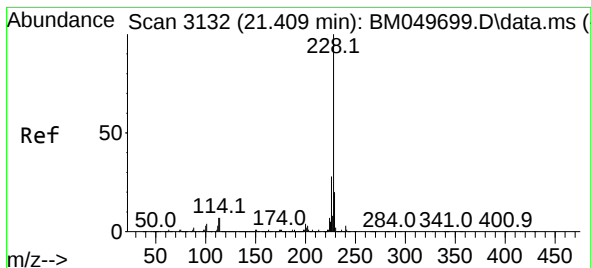
Ion Ratio Lower Upper

149 100

91 64.0 55.2 82.8

206 22.8 17.7 26.5





#81

Benzo(a)anthracene

Concen: 40.057 ng

RT: 21.409 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BM049703.D

Acq: 12 Mar 2025 21:17

Instrument :

BNA_M

ClientSampleId :

ICVBM031225

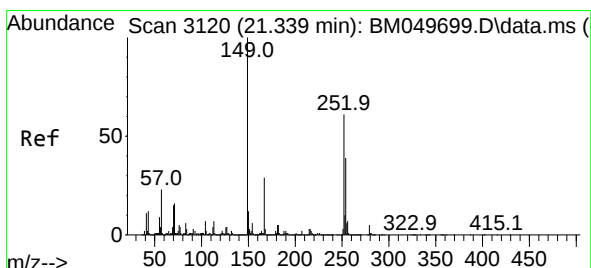
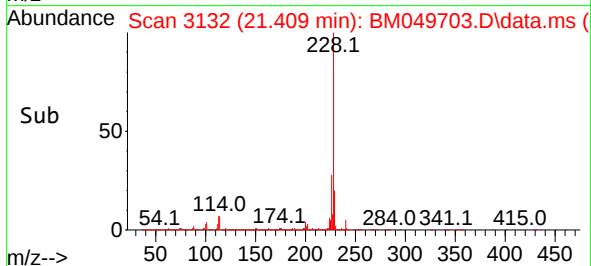
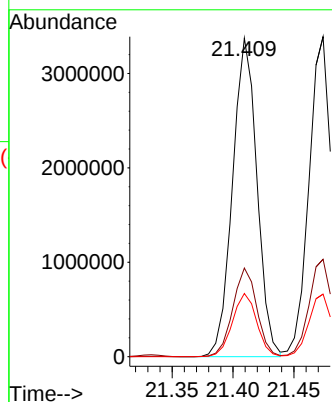
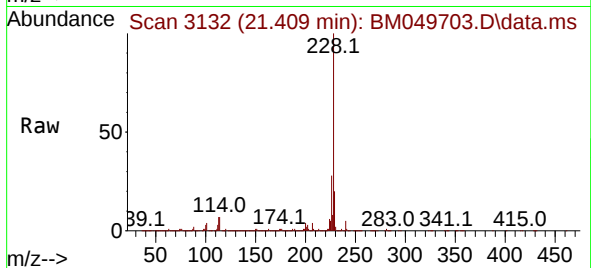
Tgt Ion:228 Resp: 4696557

Ion Ratio Lower Upper

228 100

226 27.8 22.5 33.7

229 19.9 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 42.604 ng

RT: 21.333 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BM049703.D

Acq: 12 Mar 2025 21:17

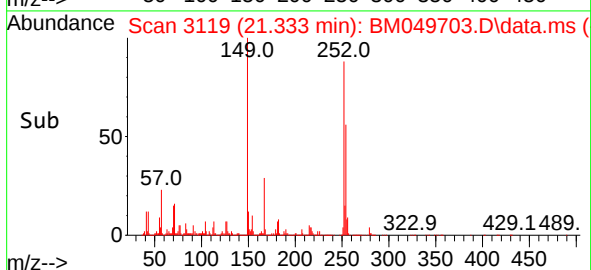
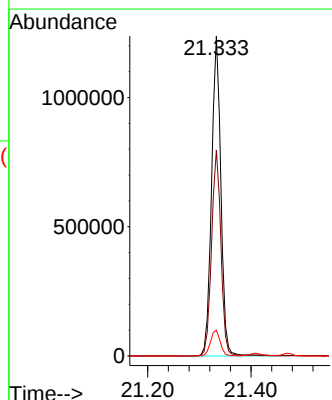
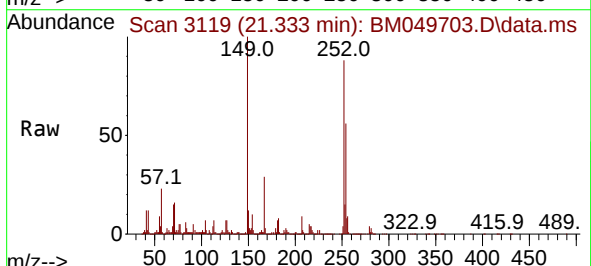
Tgt Ion:252 Resp: 1541885

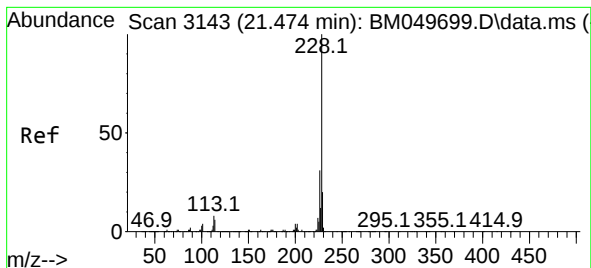
Ion Ratio Lower Upper

252 100

254 64.3 51.8 77.6

126 8.1 5.5 8.3





#83

Chrysene

Concen: 40.778 ng

RT: 21.474 min Scan# 3143

Delta R.T. 0.000 min

Lab File: BM049703.D

Acq: 12 Mar 2025 21:17

Instrument :

BNA_M

ClientSampleId :

ICVBM031225

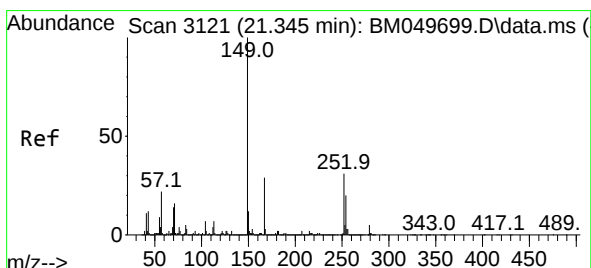
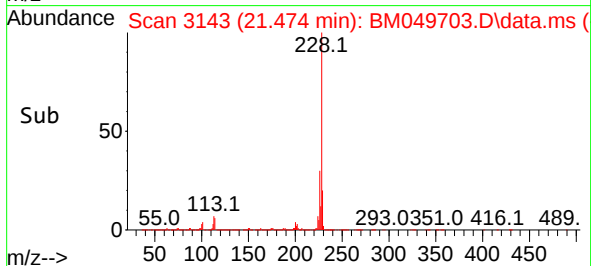
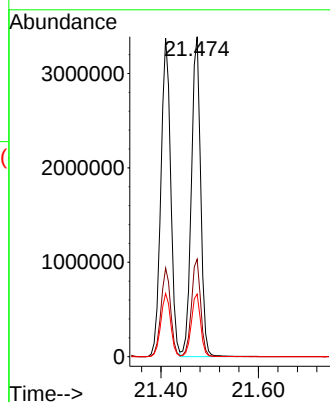
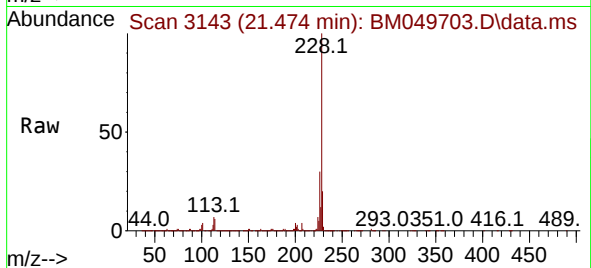
Tgt Ion:228 Resp: 4472518

Ion Ratio Lower Upper

228 100

226 30.5 24.6 37.0

229 19.5 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.136 ng

RT: 21.339 min Scan# 3120

Delta R.T. -0.006 min

Lab File: BM049703.D

Acq: 12 Mar 2025 21:17

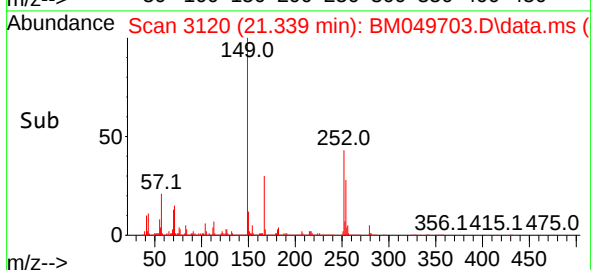
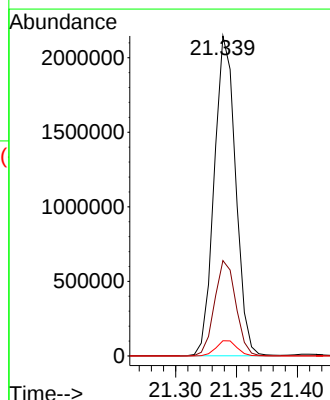
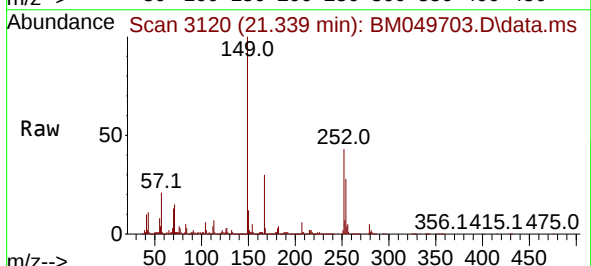
Tgt Ion:149 Resp: 2624454

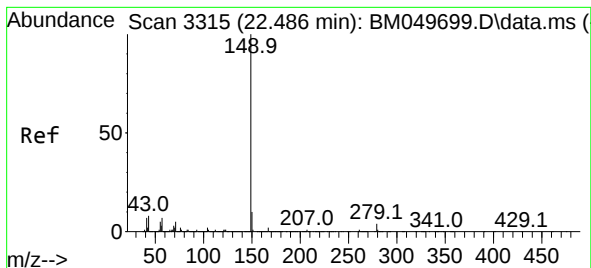
Ion Ratio Lower Upper

149 100

167 29.8 23.6 35.4

279 4.7 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 40.941 ng

RT: 22.486 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM049703.D

Acq: 12 Mar 2025 21:17

Instrument :

BNA_M

ClientSampleId :

ICVBM031225

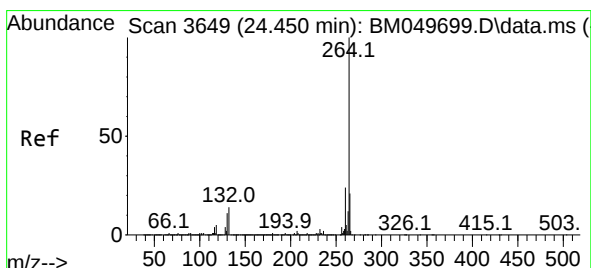
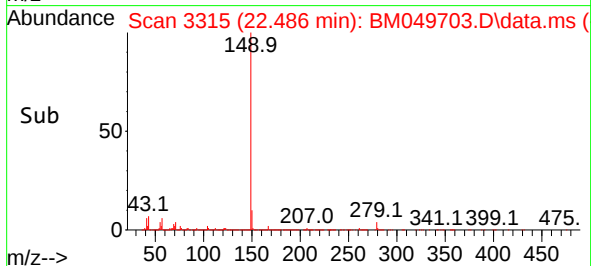
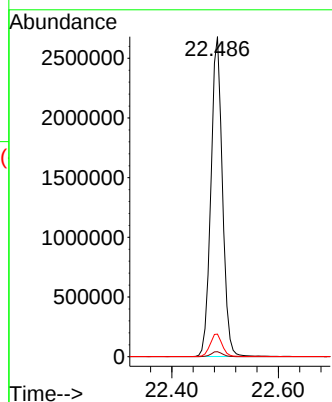
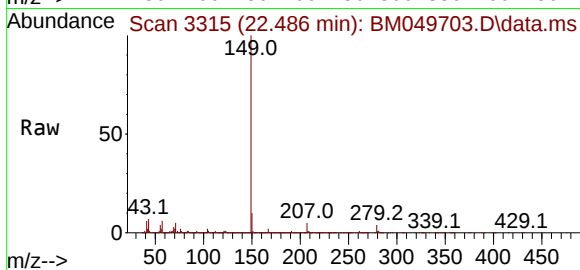
Tgt Ion:149 Resp: 4011974

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.4 6.5 9.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.444 min Scan# 3648

Delta R.T. -0.006 min

Lab File: BM049703.D

Acq: 12 Mar 2025 21:17

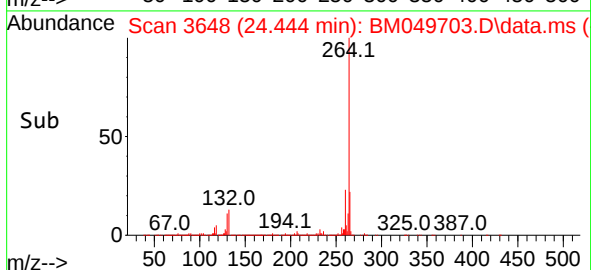
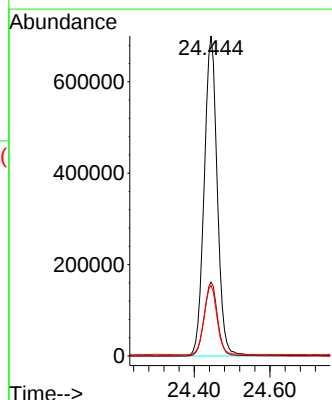
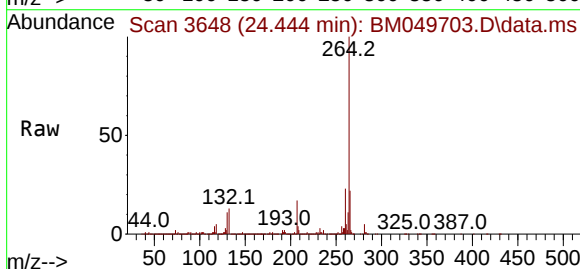
Tgt Ion:264 Resp: 1674480

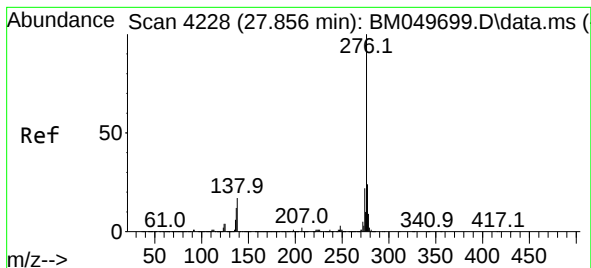
Ion Ratio Lower Upper

264 100

260 23.1 19.5 29.3

265 22.0 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.615 ng

RT: 27.850 min Scan# 41

Delta R.T. -0.006 min

Lab File: BM049703.D

Acq: 12 Mar 2025 21:17

Instrument :

BNA_M

ClientSampleId :

ICVBM031225

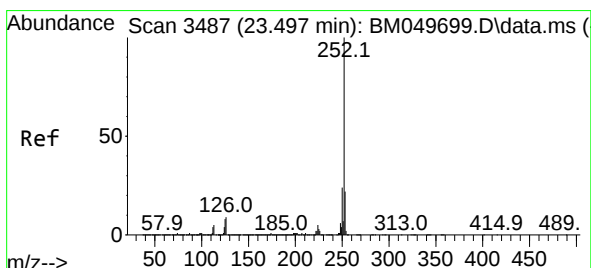
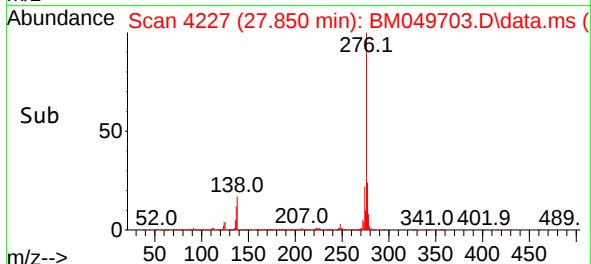
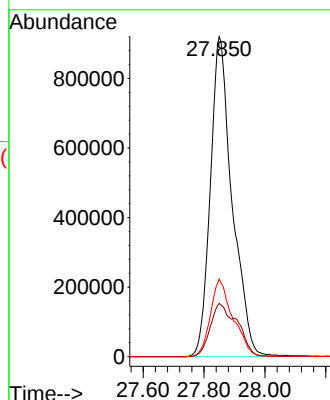
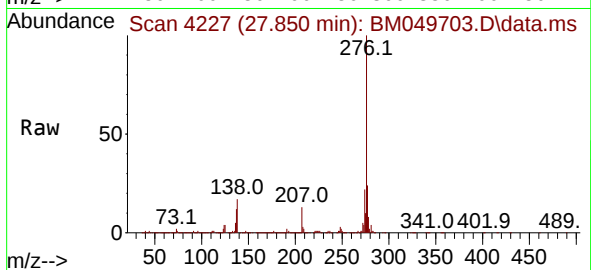
Tgt Ion:276 Resp: 4581158

Ion Ratio Lower Upper

276 100

138 14.3 10.8 16.2

277 25.0 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 37.718 ng

RT: 23.492 min Scan# 3486

Delta R.T. -0.006 min

Lab File: BM049703.D

Acq: 12 Mar 2025 21:17

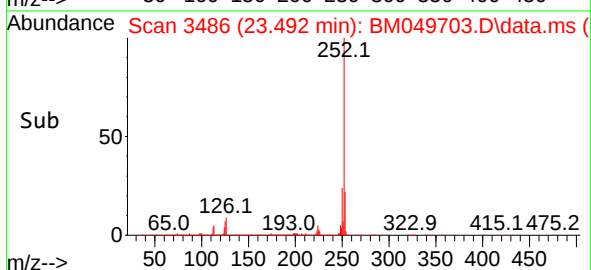
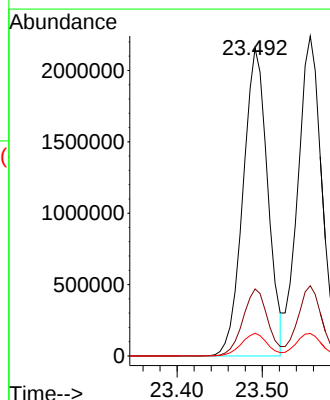
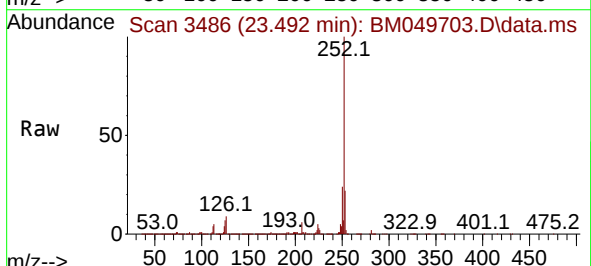
Tgt Ion:252 Resp: 4326960

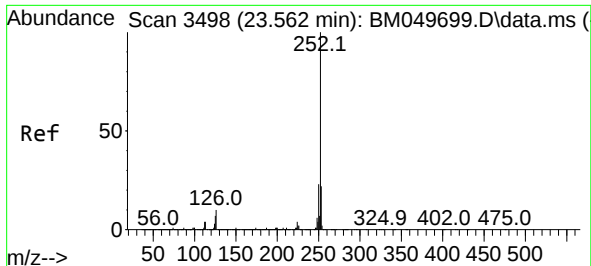
Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 7.4 6.0 9.0

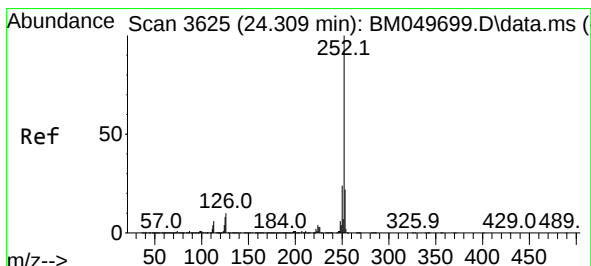
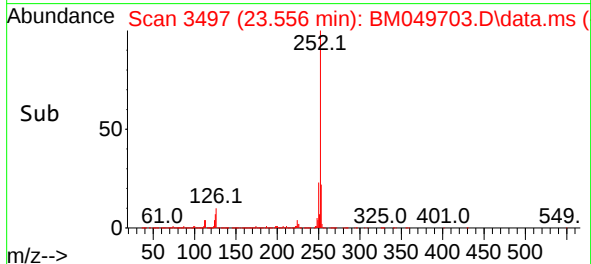
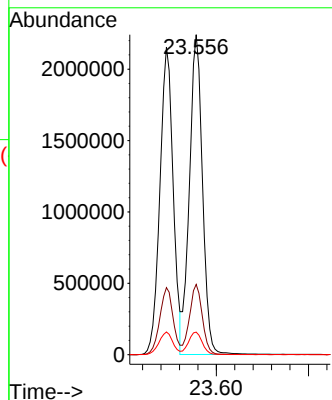
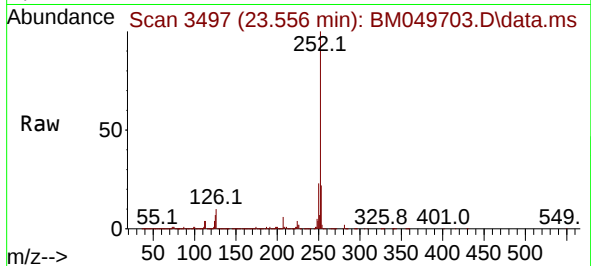




#89
Benzo(k)fluoranthene
Concen: 39.367 ng
RT: 23.556 min Scan# 34
Delta R.T. -0.006 min
Lab File: BM049703.D
Acq: 12 Mar 2025 21:17

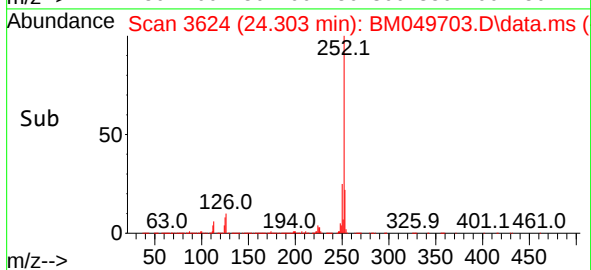
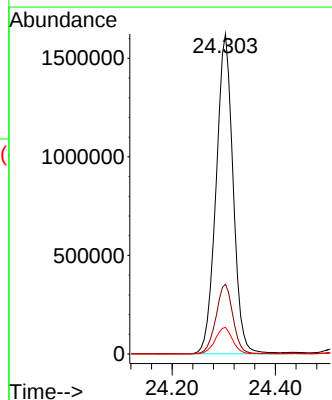
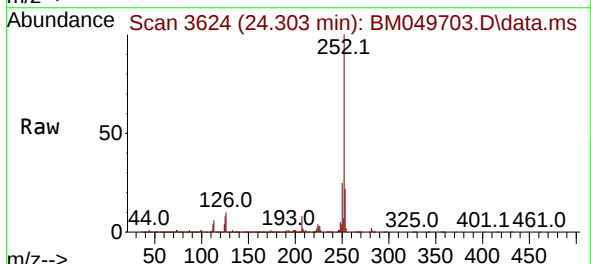
Instrument :
BNA_M
ClientSampleId :
ICVBM031225

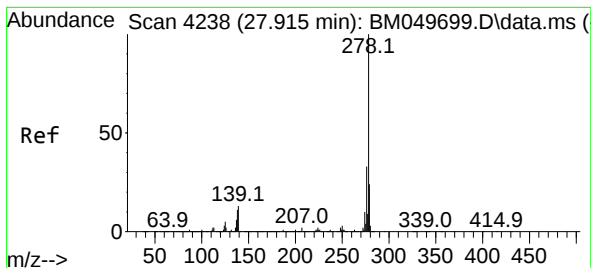
Tgt Ion:252 Resp: 4395877
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 7.0 5.8 8.8



#90
Benzo(a)pyrene
Concen: 38.707 ng
RT: 24.303 min Scan# 3624
Delta R.T. -0.006 min
Lab File: BM049703.D
Acq: 12 Mar 2025 21:17

Tgt Ion:252 Resp: 3693632
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 8.3 6.6 10.0





#91

Dibenzo(a,h)anthracene

Concen: 41.640 ng

RT: 27.909 min Scan# 41

Delta R.T. -0.006 min

Lab File: BM049703.D

Acq: 12 Mar 2025 21:17

Instrument :

BNA_M

ClientSampleId :

ICVBM031225

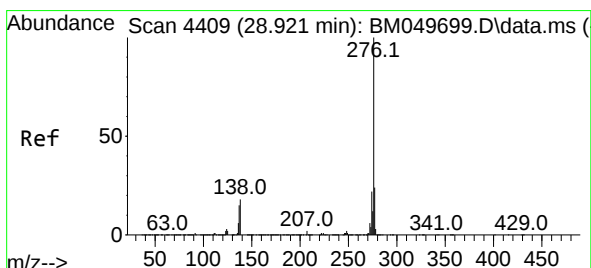
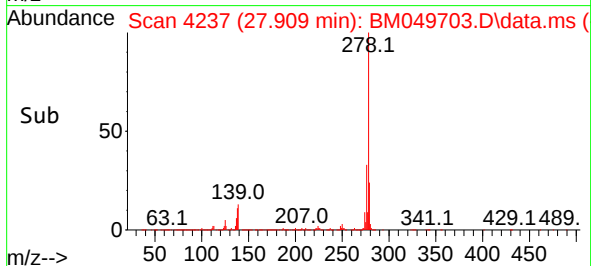
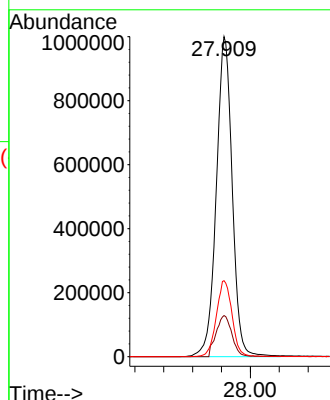
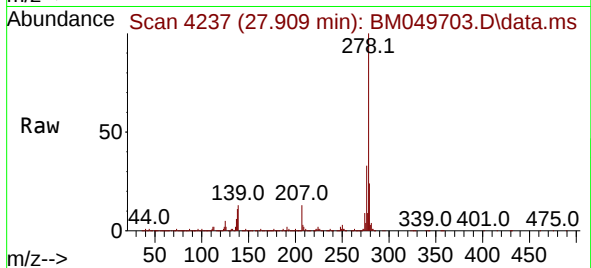
Tgt Ion:278 Resp: 3824359

Ion Ratio Lower Upper

278 100

139 12.9 10.2 15.4

279 23.7 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 41.611 ng

RT: 28.915 min Scan# 4408

Delta R.T. -0.006 min

Lab File: BM049703.D

Acq: 12 Mar 2025 21:17

Tgt Ion:276 Resp: 3773360

Ion Ratio Lower Upper

276 100

277 24.2 19.2 28.8

138 17.9 14.5 21.7

