

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040325\
 Data File : BM049807.D
 Acq On : 03 Apr 2025 15:55
 Operator : RC/JU
 Sample : Q1693-05MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WCS-TP-2MSD

Quant Time: Apr 03 16:36:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:55:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	314847	20.000	ng	-0.02
21) Naphthalene-d8	10.581	136	1106197	20.000	ng	-0.02
39) Acenaphthene-d10	14.427	164	705128	20.000	ng	-0.02
64) Phenanthrene-d10	17.168	188	1367809	20.000	ng	-0.02
76) Chrysene-d12	21.403	240	1372292	20.000	ng	-0.02
86) Perylene-d12	24.403	264	1353959	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	2280551	122.219	ng	-0.02
7) Phenol-d6	6.963	99	2875094	122.779	ng	-0.02
23) Nitrobenzene-d5	8.939	82	1677450	77.855	ng	-0.02
42) 2,4,6-Tribromophenol	15.915	330	1166560	141.680	ng	-0.02
45) 2-Fluorobiphenyl	13.051	172	3985678	70.790	ng	-0.02
79) Terphenyl-d14	19.792	244	5813184	71.384	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.269	88	348446	43.137	ng	99
3) Pyridine	3.663	79	966687	46.860	ng	97
4) n-Nitrosodimethylamine	3.575	42	423486	46.396	ng	99
6) Aniline	7.110	93	538395	27.444	ng	99
8) 2-Chlorophenol	7.351	128	958976	51.898	ng	99
9) Benzaldehyde	6.922	77	614045	53.043	ng	98
10) Phenol	6.987	94	1220493	53.752	ng	98
11) bis(2-Chloroethyl)ether	7.210	93	931941	50.685	ng	99
12) 1,3-Dichlorobenzene	7.675	146	1091631	48.612	ng	99
13) 1,4-Dichlorobenzene	7.822	146	1103151	48.695	ng	99
14) 1,2-Dichlorobenzene	8.140	146	1059699	49.219	ng	99
15) Benzyl Alcohol	8.028	79	820525	55.837	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.316	45	1125309	52.072	ng	99
17) 2-Methylphenol	8.234	107	765435	56.781	ng	99
18) Hexachloroethane	8.869	117	395719	49.464	ng	94
19) n-Nitroso-di-n-propyla...	8.592	70	720846	53.088	ng	99
20) 3+4-Methylphenols	8.563	107	1038031	57.460	ng	99
22) Acetophenone	8.610	105	1375793	48.235	ng	# 99
24) Nitrobenzene	8.986	77	1020225	50.218	ng	98
25) Isophorone	9.516	82	1872923	56.617	ng	100
26) 2-Nitrophenol	9.692	139	477421	55.212	ng	98
27) 2,4-Dimethylphenol	9.763	122	841964	76.497	ng	99
28) bis(2-Chloroethoxy)met...	9.992	93	1172259	50.313	ng	99
29) 2,4-Dichlorophenol	10.233	162	946428	52.770	ng	98
30) 1,2,4-Trichlorobenzene	10.445	180	1069672	47.670	ng	99
31) Naphthalene	10.633	128	2711141	47.663	ng	99
32) Benzoic acid	9.898	122	565381	60.400	ng	99
33) 4-Chloroaniline	10.739	127	270828	13.951	ng	99
34) Hexachlorobutadiene	10.922	225	666440	48.110	ng	99
35) Caprolactam	11.522	113	248253	59.620	ng	97
36) 4-Chloro-3-methylphenol	11.875	107	854567	55.523	ng	99
37) 2-Methylnaphthalene	12.245	142	1782423	44.814	ng	99
38) 1-Methylnaphthalene	12.469	142	1863884	48.571	ng	99
40) 1,2,4,5-Tetrachloroben...	12.616	216	1254455	48.433	ng	99
41) Hexachlorocyclopentadiene	12.604	237	1298892	135.366	ng	97
43) 2,4,6-Trichlorophenol	12.857	196	784719	54.096	ng	98

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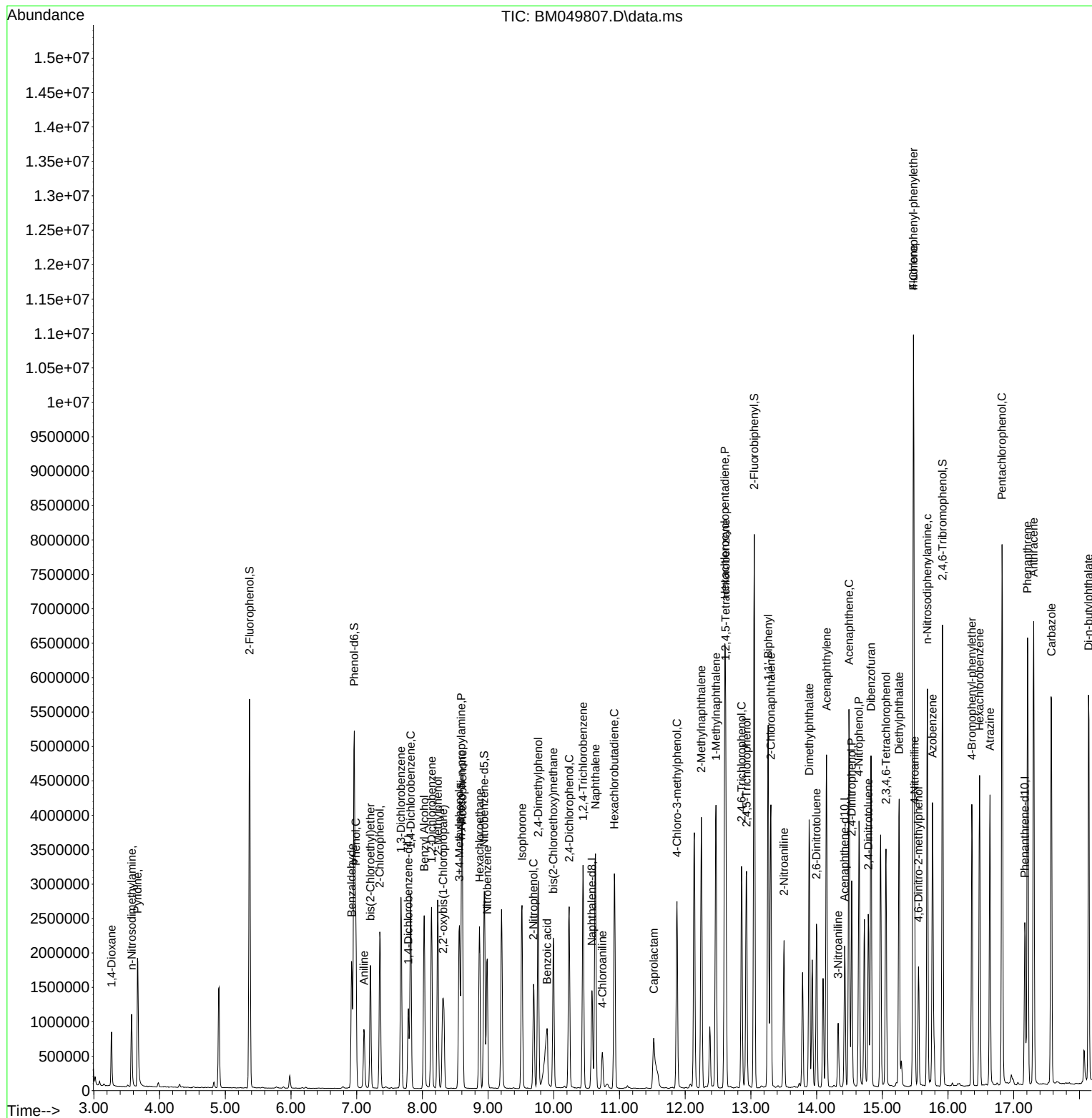
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	851422	53.786	ng	99
46) 1,1'-Biphenyl	13.263	154	2599222	47.828	ng	99
47) 2-Chloronaphthalene	13.304	162	2055991	48.605	ng	99
48) 2-Nitroaniline	13.504	65	529349	55.745	ng	99
49) Acenaphthylene	14.151	152	3268726	55.284	ng	100
50) Dimethylphthalate	13.886	163	2441488	50.291	ng	100
51) 2,6-Dinitrotoluene	13.998	165	509249	52.352	ng	98
52) Acenaphthene	14.492	154	1873311	48.302	ng	99
53) 3-Nitroaniline	14.327	138	219582	23.721	ng	100
54) 2,4-Dinitrophenol	14.533	184	610000	92.626	ng	98
55) Dibenzofuran	14.827	168	3013659	46.633	ng	100
56) 4-Nitrophenol	14.645	139	955679	118.606	ng	98
57) 2,4-Dinitrotoluene	14.786	165	714781	57.104	ng	96
58) Fluorene	15.474	166	2632204	50.026	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.057	232	702937	53.049	ng	99
60) Diethylphthalate	15.257	149	2288697	50.055	ng	99
61) 4-Chlorophenyl-phenyle...	15.474	204	1423217	49.534	ng	99
62) 4-Nitroaniline	15.492	138	488508	44.640	ng	99
63) Azobenzene	15.763	77	2352201	53.859	ng	99
65) 4,6-Dinitro-2-methylph...	15.551	198	377259	50.153	ng	93
66) n-Nitrosodiphenylamine	15.686	169	2099130	50.652	ng	99
67) 4-Bromophenyl-phenylether	16.363	248	789491	49.992	ng	99
68) Hexachlorobenzene	16.480	284	887966	50.002	ng	100
69) Atrazine	16.639	200	743568	81.414	ng	99
70) Pentachlorophenol	16.821	266	1323277	118.573	ng	99
71) Phenanthrene	17.209	178	3878245	51.062	ng	100
72) Anthracene	17.304	178	3953288	53.746	ng	100
73) Carbazole	17.574	167	3507474	52.654	ng	100
74) Di-n-butylphthalate	18.139	149	4005659	54.863	ng	99
75) Fluoranthene	19.227	202	4774900	54.606	ng	100
77) Benzidine	19.409	184	1910777	115.898	ng	100
78) Pyrene	19.586	202	5003868	52.191	ng	100
80) Butylbenzylphthalate	20.492	149	1763541	59.271	ng	98
81) Benzo(a)anthracene	21.386	228	4949181	53.995	ng	99
82) 3,3'-Dichlorobenzidine	21.309	252	848789	28.442	ng	99
83) Chrysene	21.450	228	4493337	51.714	ng	100
84) Bis(2-ethylhexyl)phtha...	21.315	149	2621364	56.531	ng	100
85) Di-n-octyl phthalate	22.450	149	4201481	58.295	ng	99
87) Indeno(1,2,3-cd)pyrene	27.797	276	5494987	56.387	ng	100
88) Benzo(b)fluoranthene	23.462	252	4708290	51.629	ng	99
89) Benzo(k)fluoranthene	23.521	252	4518211	50.351	ng	99
90) Benzo(a)pyrene	24.268	252	4551458	59.419	ng	99
91) Dibenzo(a,h)anthracene	27.850	278	4333221	53.370	ng	99
92) Benzo(g,h,i)perylene	28.844	276	4320941	52.834	ng	99

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

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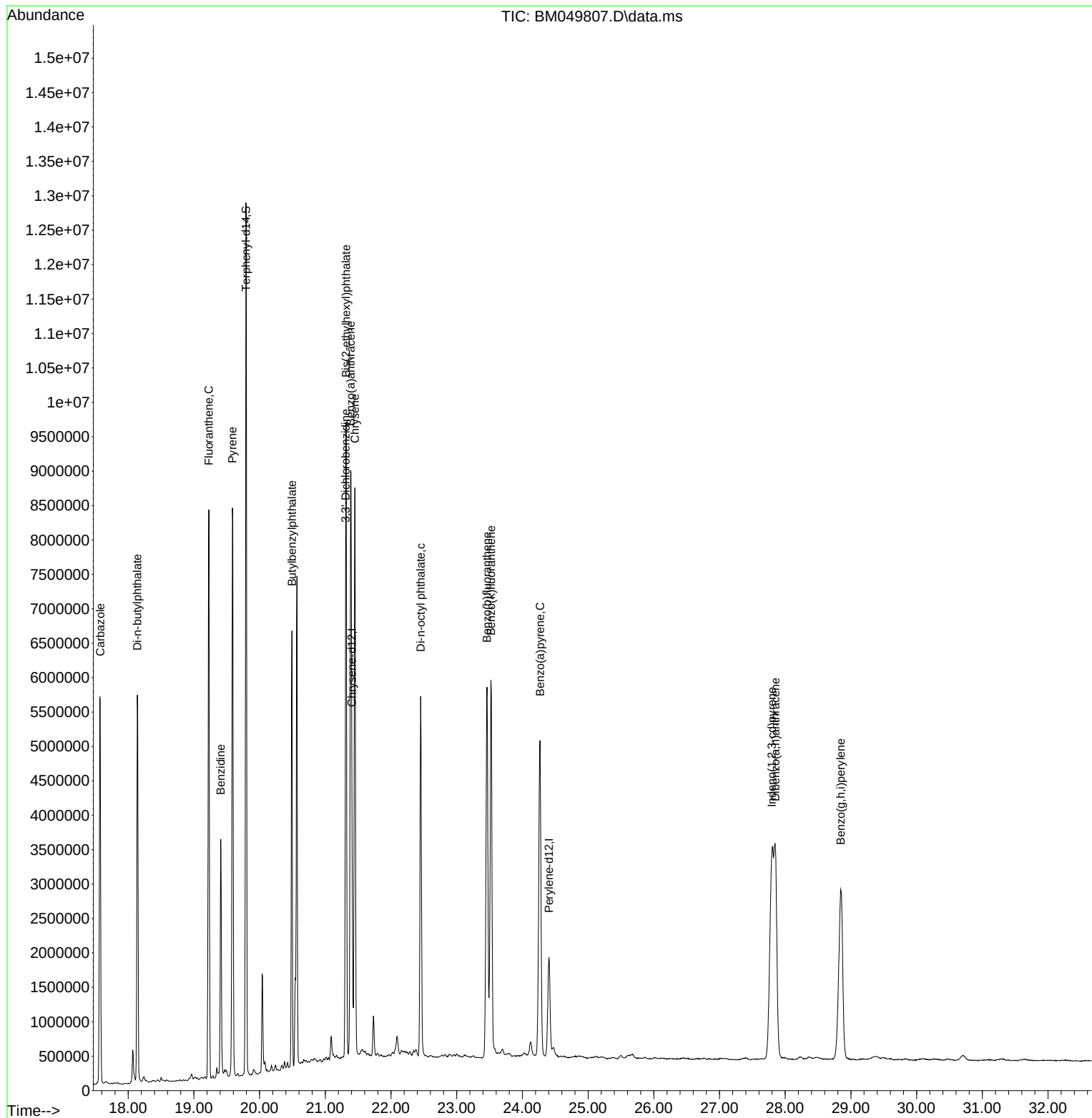
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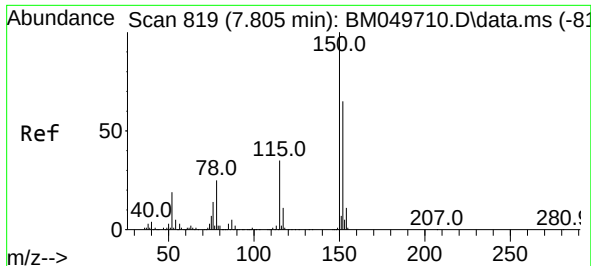


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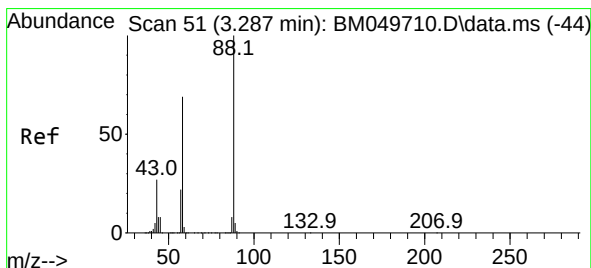
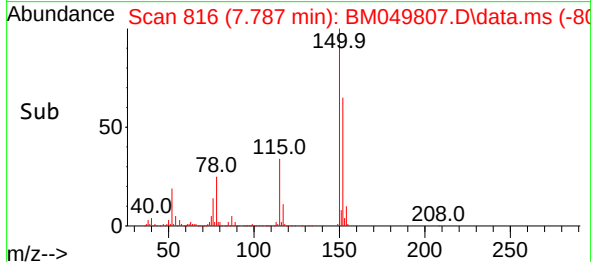
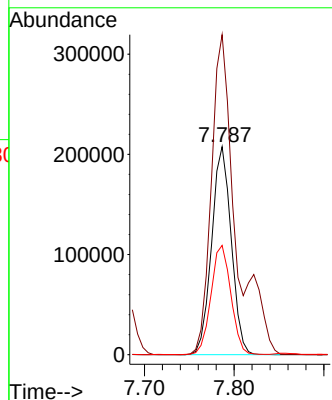
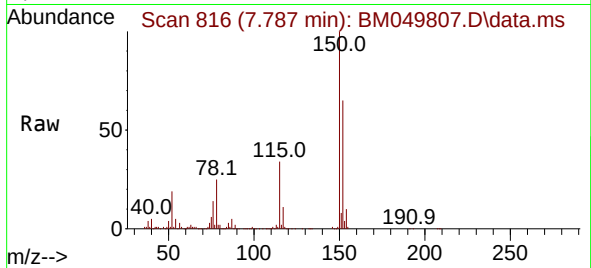




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.787 min Scan# 81
 Delta R.T. -0.018 min
 Lab File: BM049807.D
 Acq: 03 Apr 2025 15:55

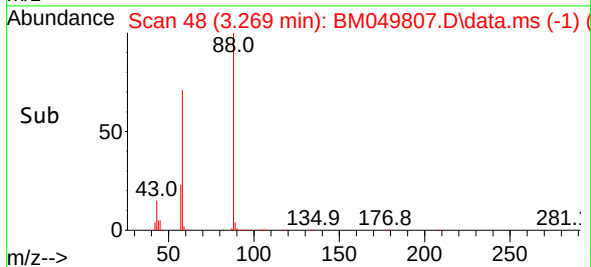
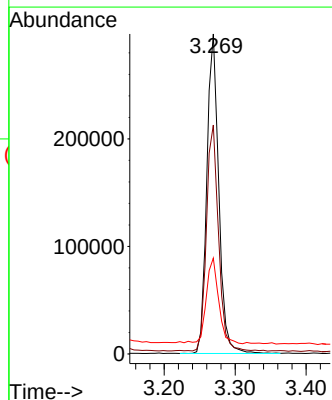
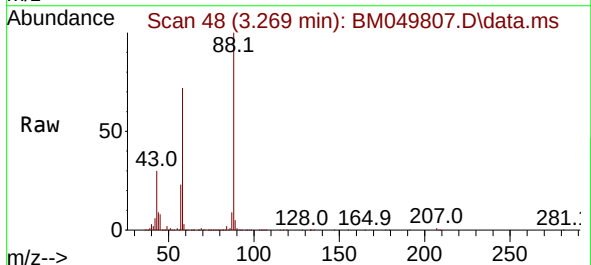
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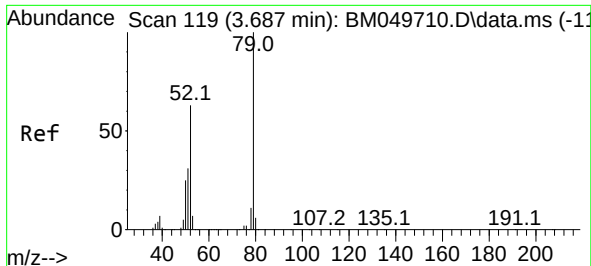
Tgt Ion:152 Resp: 314847
 Ion Ratio Lower Upper
 152 100
 150 153.9 123.8 185.8
 115 52.5 43.0 64.6



#2
 1,4-Dioxane
 Concen: 43.137 ng
 RT: 3.269 min Scan# 48
 Delta R.T. -0.018 min
 Lab File: BM049807.D
 Acq: 03 Apr 2025 15:55

Tgt Ion: 88 Resp: 348446
 Ion Ratio Lower Upper
 88 100
 58 71.5 56.7 85.1
 43 27.3 22.6 34.0

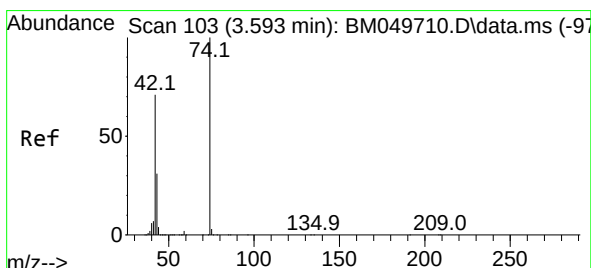
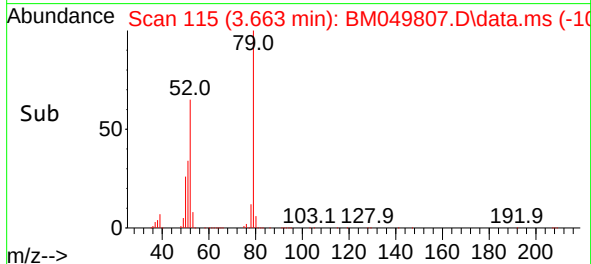
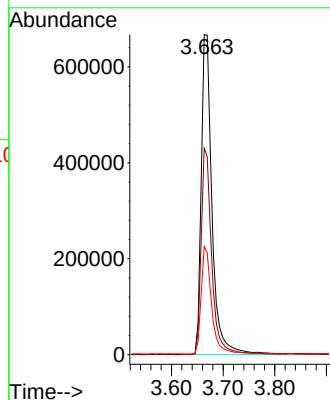
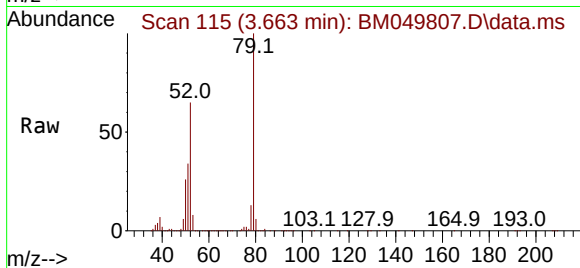




#3
 Pyridine
 Concen: 46.860 ng
 RT: 3.663 min Scan# 11
 Delta R.T. -0.024 min
 Lab File: BM049807.D
 Acq: 03 Apr 2025 15:55

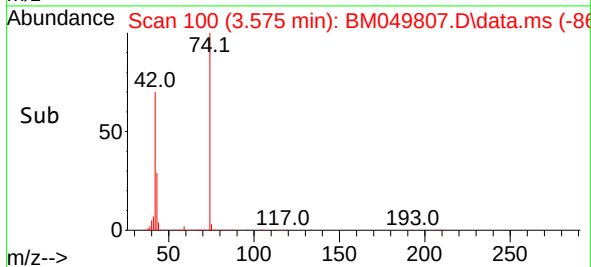
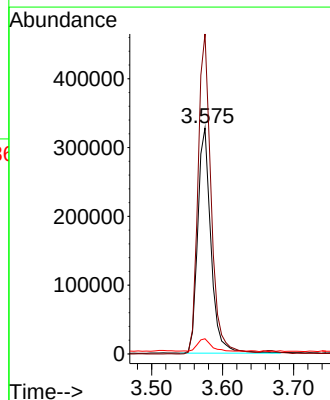
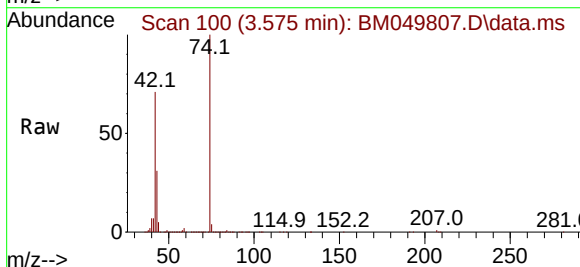
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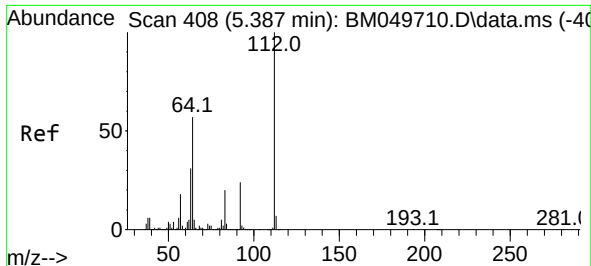
Tgt Ion: 79 Resp: 966687
 Ion Ratio Lower Upper
 79 100
 52 64.6 50.1 75.1
 51 33.9 25.2 37.8



#4
 n-Nitrosodimethylamine
 Concen: 46.396 ng
 RT: 3.575 min Scan# 100
 Delta R.T. -0.018 min
 Lab File: BM049807.D
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Tgt Ion: 42 Resp: 423486
 Ion Ratio Lower Upper
 42 100
 74 141.7 112.6 168.8
 44 6.8 5.0 7.6

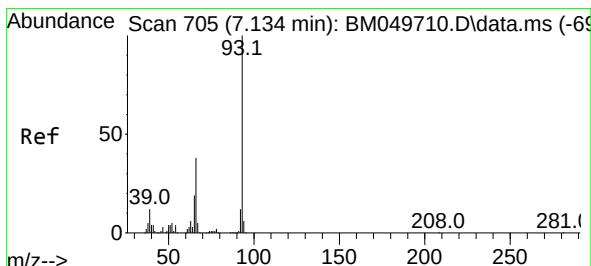
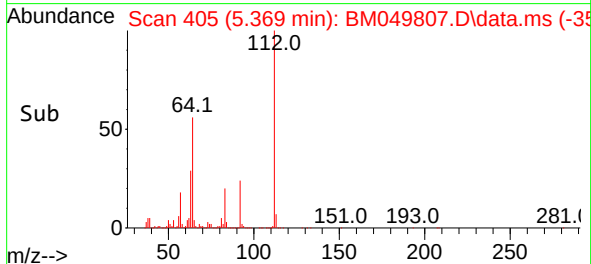
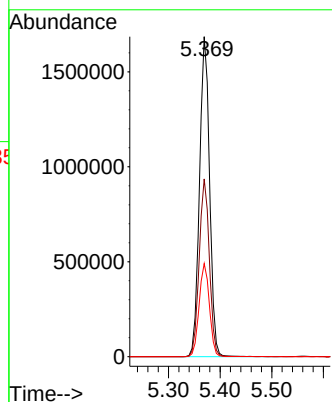
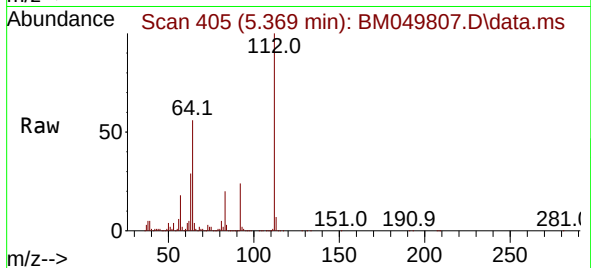




#5
2-Fluorophenol
Concen: 122.219 ng
RT: 5.369 min Scan# 408
Delta R.T. -0.018 min
Lab File: BM049807.D
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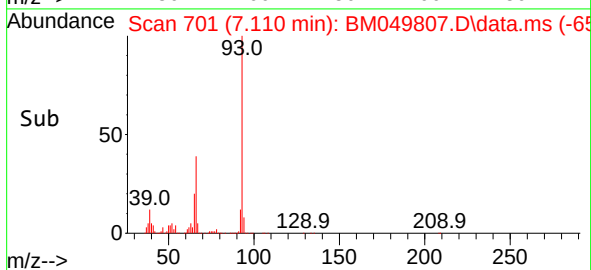
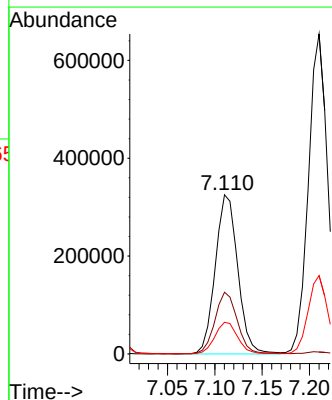
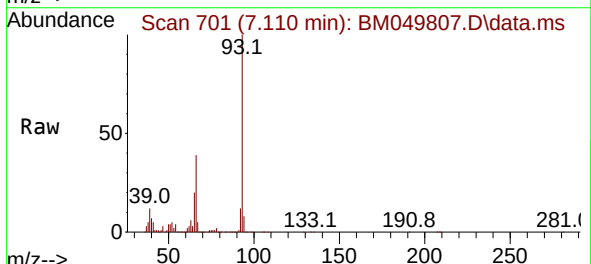
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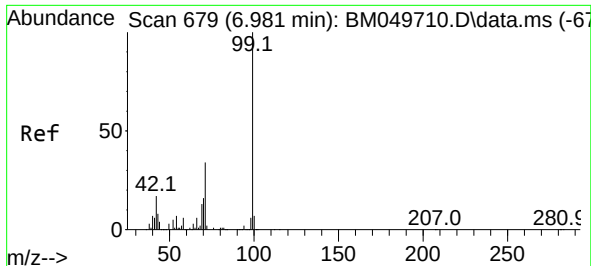
Tgt Ion:112 Resp: 2280551
Ion Ratio Lower Upper
112 100
64 55.6 45.3 67.9
63 29.1 24.4 36.6



#6
Aniline
Concen: 27.444 ng
RT: 7.110 min Scan# 701
Delta R.T. -0.024 min
Lab File: BM049807.D
Acq: 03 Apr 2025 15:55

Tgt Ion: 93 Resp: 538395
Ion Ratio Lower Upper
93 100
66 38.7 30.6 46.0
65 19.9 15.4 23.2

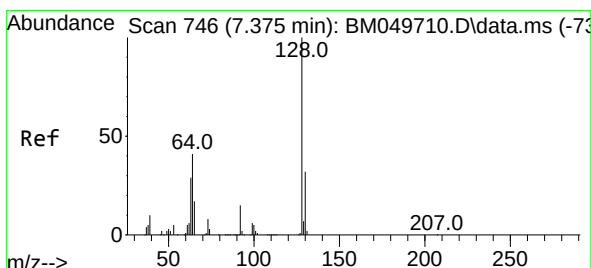
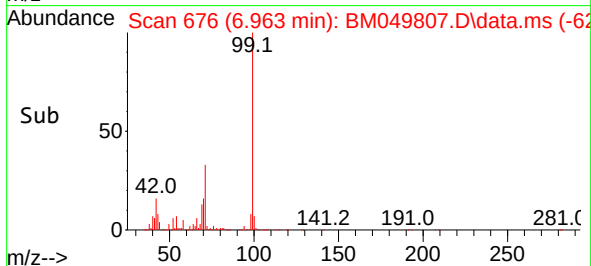
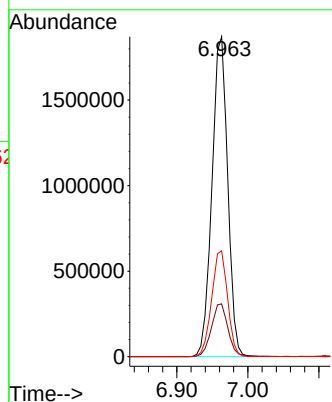
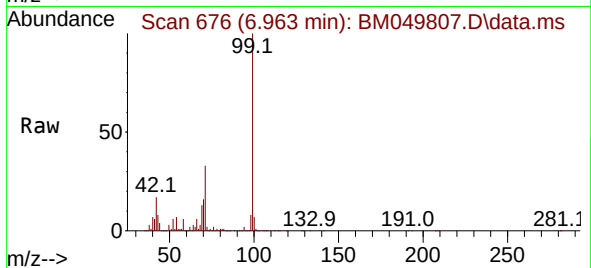




#7
Phenol-d6
Concen: 122.779 ng
RT: 6.963 min Scan# 61
Delta R.T. -0.018 min
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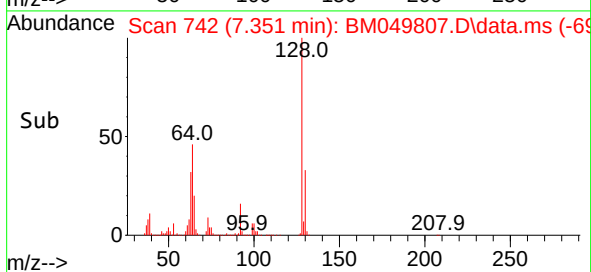
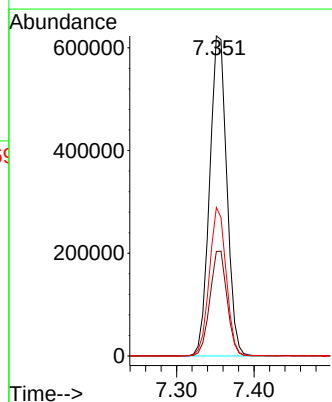
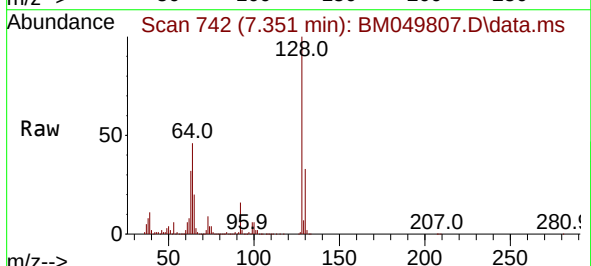
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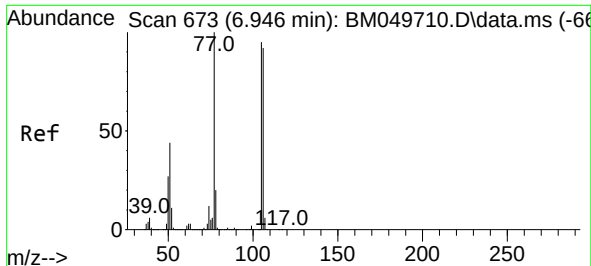
Tgt Ion: 99 Resp: 2875094
Ion Ratio Lower Upper
99 100
42 16.5 13.6 20.4
71 33.1 27.0 40.6



#8
2-Chlorophenol
Concen: 51.898 ng
RT: 7.351 min Scan# 742
Delta R.T. -0.024 min
Lab File: BM049807.D
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Tgt Ion: 128 Resp: 958976
Ion Ratio Lower Upper
128 100
130 32.7 12.5 52.5
64 46.4 24.9 64.9

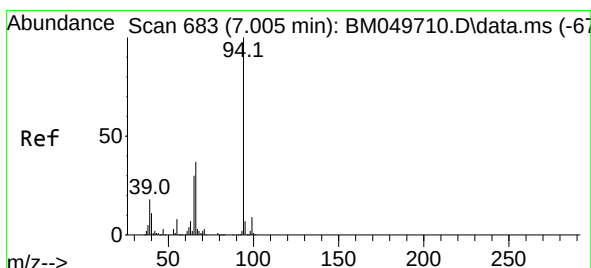
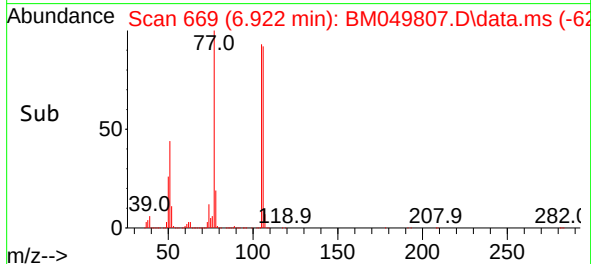
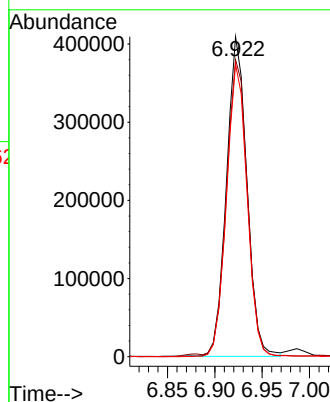
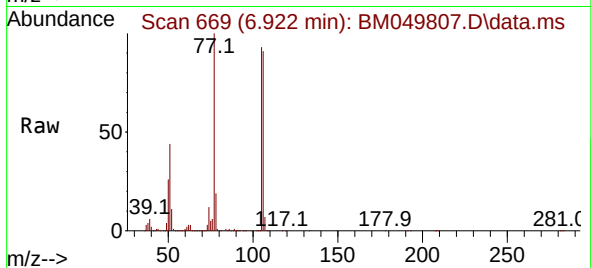




#9
Benzaldehyde
Concen: 53.043 ng
RT: 6.922 min Scan# 610
Delta R.T. -0.024 min
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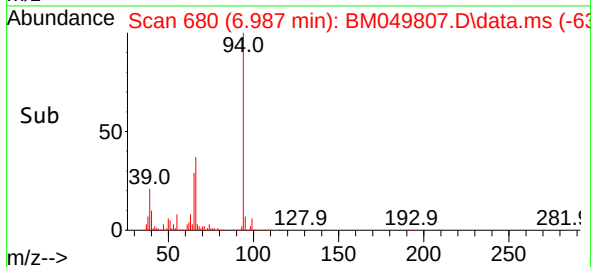
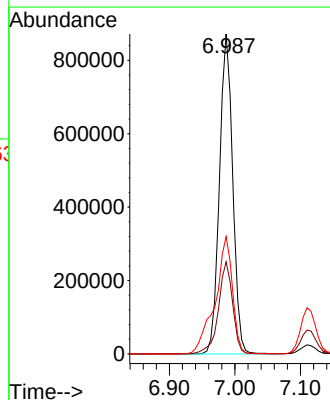
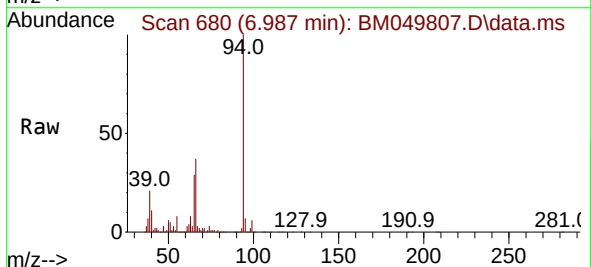
Instrument :
BNA_M
ClientSampleId :
WCS-TP-2MSD

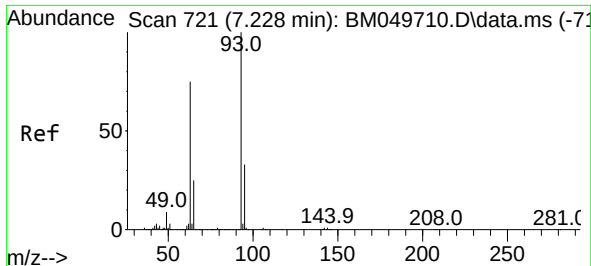
Tgt Ion: 77 Resp: 614045
Ion Ratio Lower Upper
77 100
105 92.8 75.0 115.0
106 91.4 72.3 112.3



#10
Phenol
Concen: 53.752 ng
RT: 6.987 min Scan# 680
Delta R.T. -0.018 min
Lab File: BM049807.D
Acq: 03 Apr 2025 15:55

Tgt Ion: 94 Resp: 1220493
Ion Ratio Lower Upper
94 100
65 28.8 10.4 50.4
66 36.7 17.1 57.1

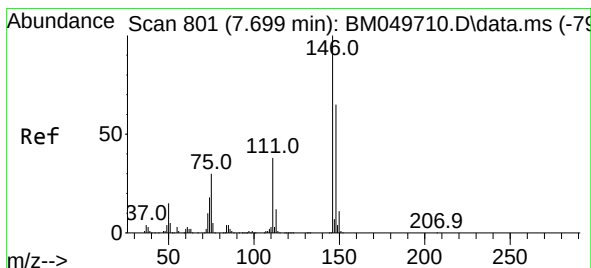
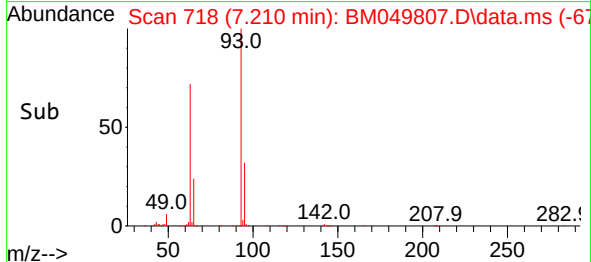
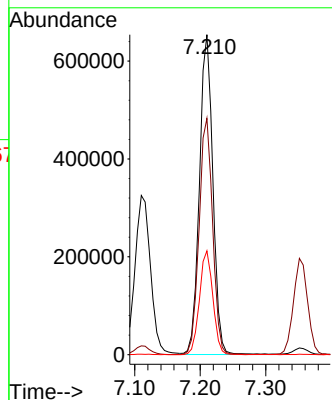
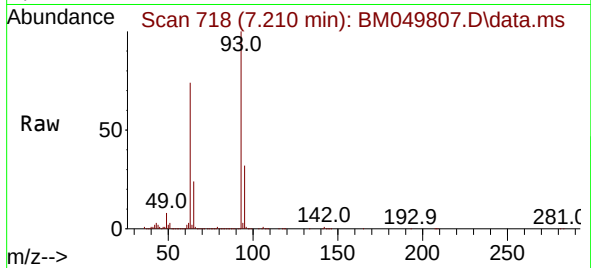




#11
bis(2-Chloroethyl)ether
Concen: 50.685 ng
RT: 7.210 min Scan# 718
Delta R.T. -0.018 min
Lab File: BM049807.D
Acq: 03 Apr 2025 15:55

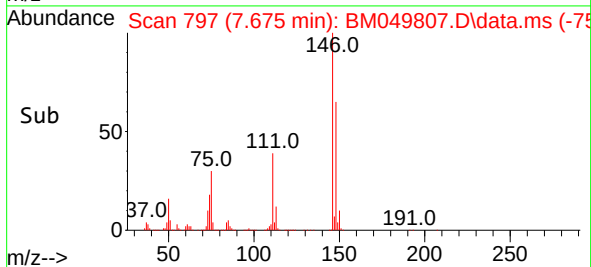
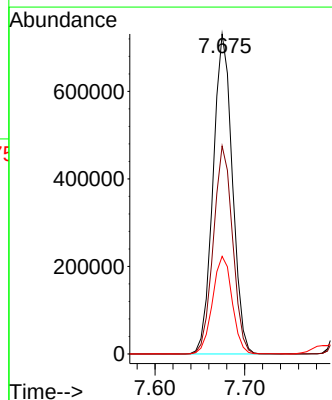
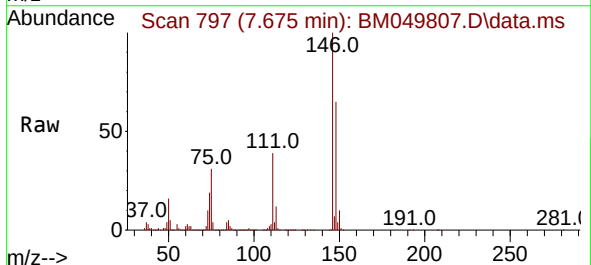
Instrument :
BNA_M
ClientSampleId :
WCS-TP-2MSD

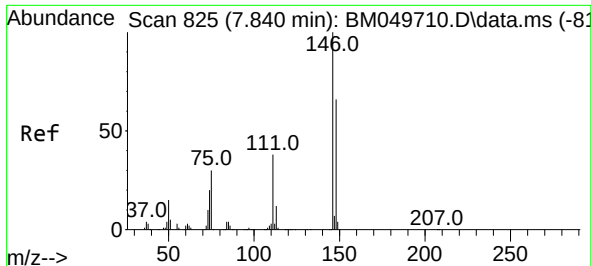
Tgt Ion: 93 Resp: 931941
Ion Ratio Lower Upper
93 100
63 73.9 54.8 94.8
95 32.4 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 48.612 ng
RT: 7.675 min Scan# 797
Delta R.T. -0.024 min
Lab File: BM049807.D
Acq: 03 Apr 2025 15:55

Tgt Ion:146 Resp: 1091631
Ion Ratio Lower Upper
146 100
148 65.0 52.3 78.5
75 30.5 24.2 36.2

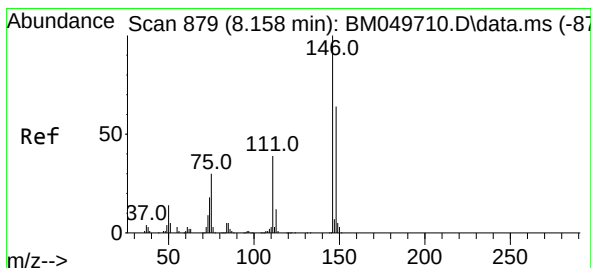
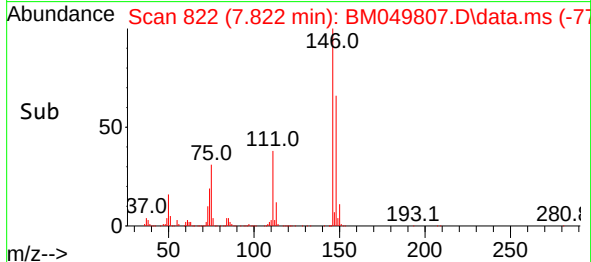
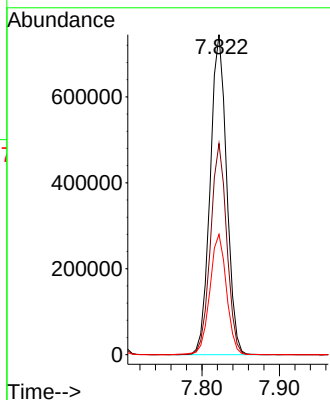
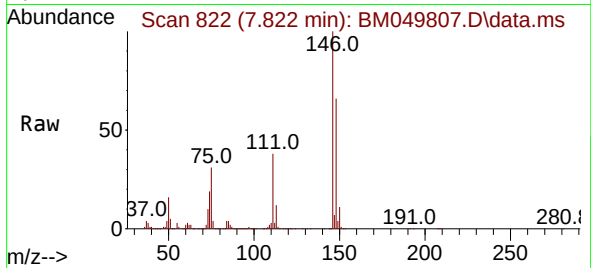




#13
1,4-Dichlorobenzene
Concen: 48.695 ng
RT: 7.822 min Scan# 811
Delta R.T. -0.018 min
Lab File: BM049807.D
Acq: 03 Apr 2025 15:55

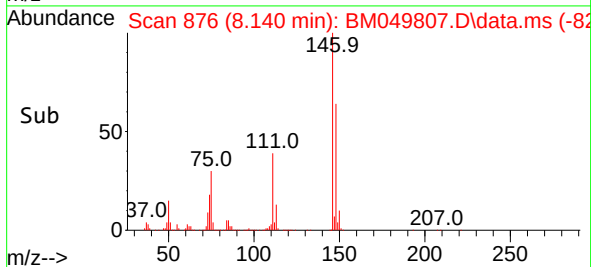
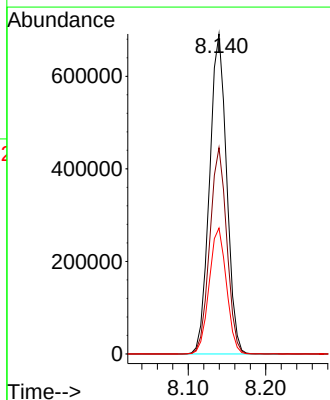
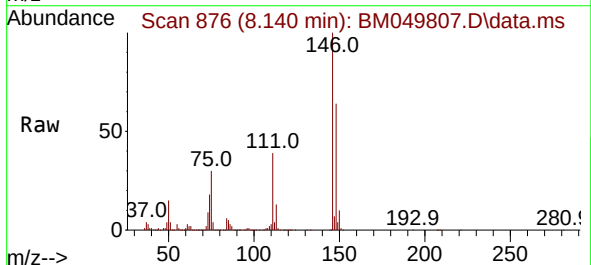
Instrument :
BNA_M
ClientSampleId :
WCS-TP-2MSD

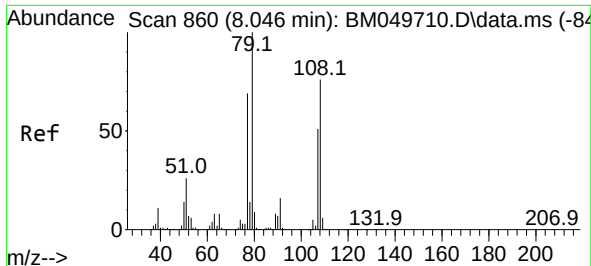
Tgt Ion:146 Resp: 1103151
Ion Ratio Lower Upper
146 100
148 66.0 52.6 79.0
111 37.6 30.8 46.2



#14
1,2-Dichlorobenzene
Concen: 49.219 ng
RT: 8.140 min Scan# 876
Delta R.T. -0.018 min
Lab File: BM049807.D
Acq: 03 Apr 2025 15:55

Tgt Ion:146 Resp: 1059699
Ion Ratio Lower Upper
146 100
148 64.5 50.9 76.3
111 39.4 31.0 46.6

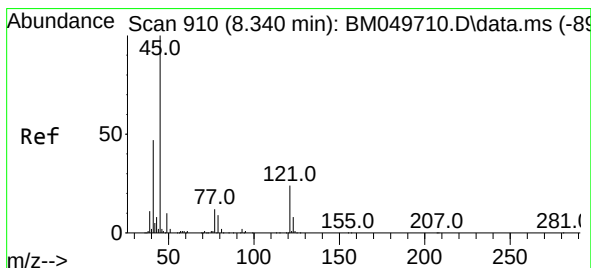
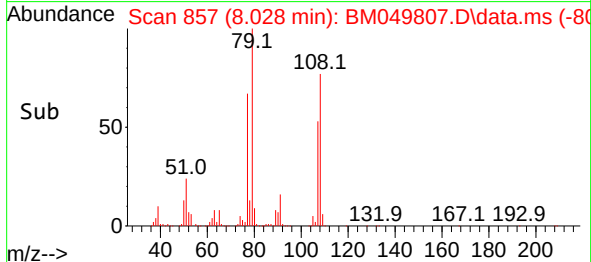
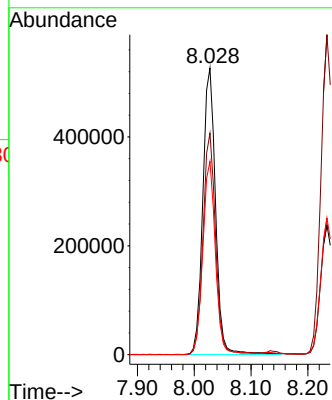
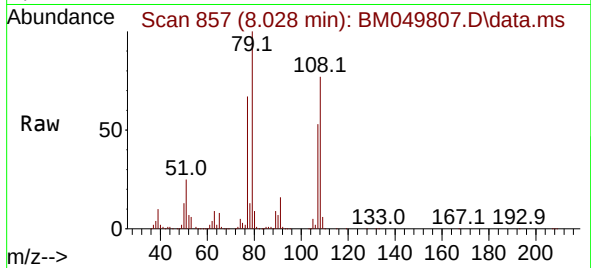




#15
Benzyl Alcohol
Concen: 55.837 ng
RT: 8.028 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM049807.D
Acq: 03 Apr 2025 15:55

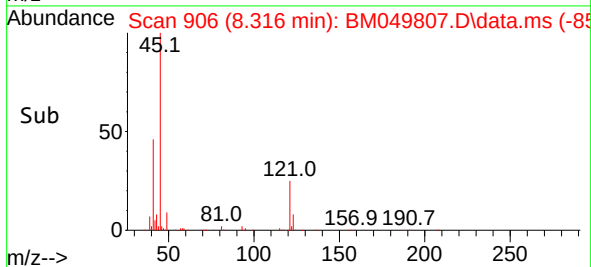
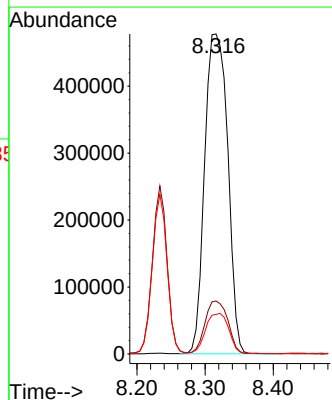
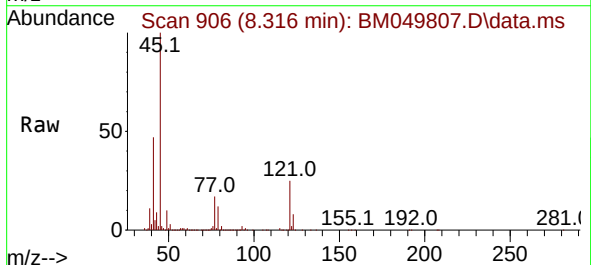
Instrument :
BNA_M
ClientSampleId :
WCS-TP-2MSD

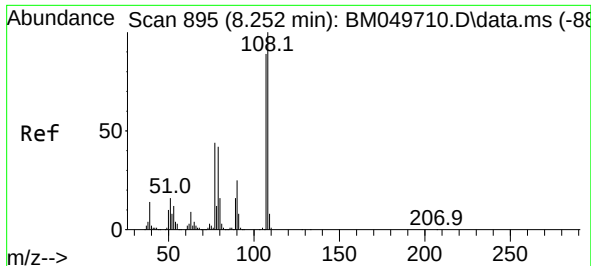
Tgt Ion: 79 Resp: 820525
Ion Ratio Lower Upper
79 100
108 77.3 60.7 91.1
77 67.4 55.4 83.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.072 ng
RT: 8.316 min Scan# 906
Delta R.T. -0.024 min
Lab File: BM049807.D
Acq: 03 Apr 2025 15:55

Tgt Ion: 45 Resp: 1125309
Ion Ratio Lower Upper
45 100
77 16.5 0.0 36.1
79 12.4 0.0 32.8

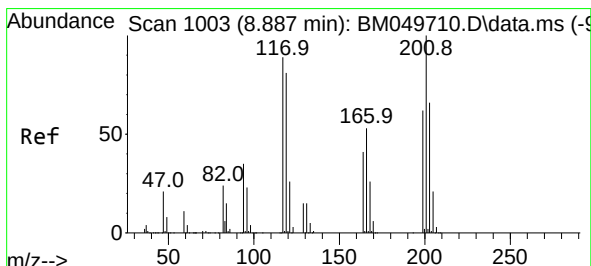
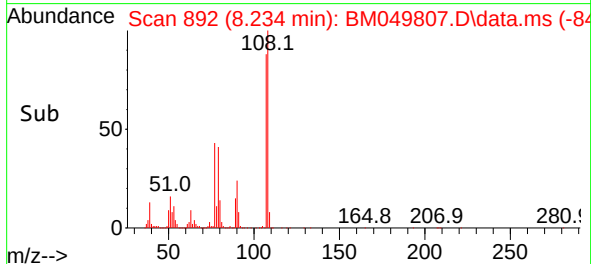
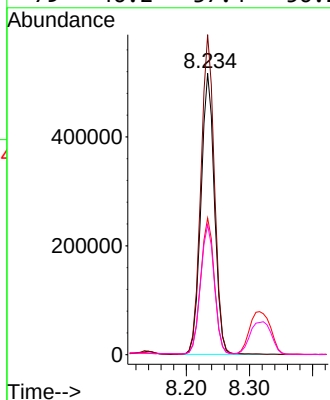
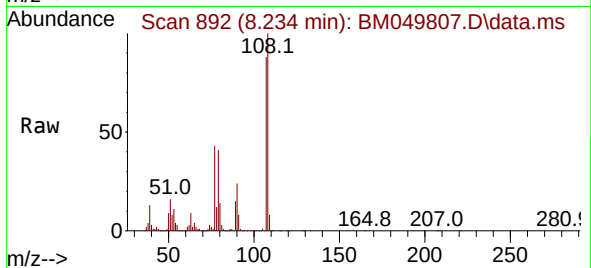




#17
2-Methylphenol
Concen: 56.781 ng
RT: 8.234 min Scan# 895
Delta R.T. -0.018 min
Lab File: BM049807.D
Acq: 03 Apr 2025 15:55

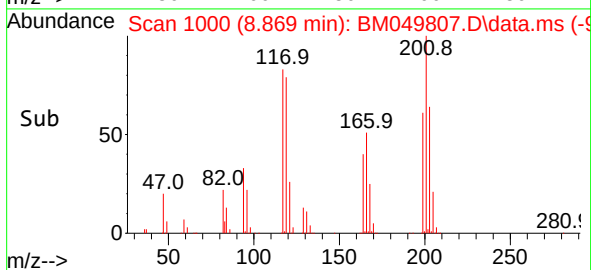
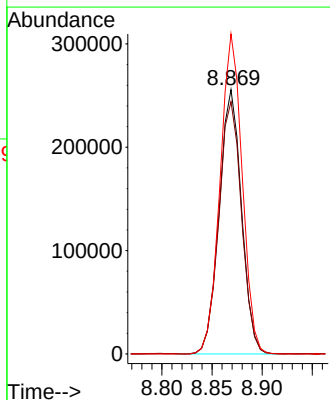
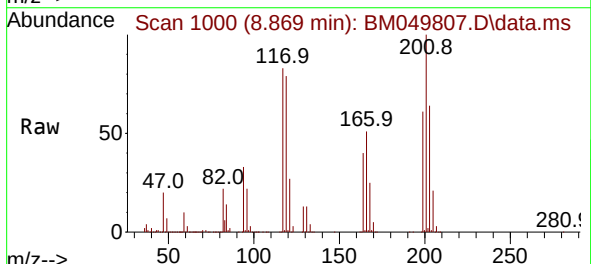
Instrument :
BNA_M
ClientSampleId :
WCS-TP-2MSD

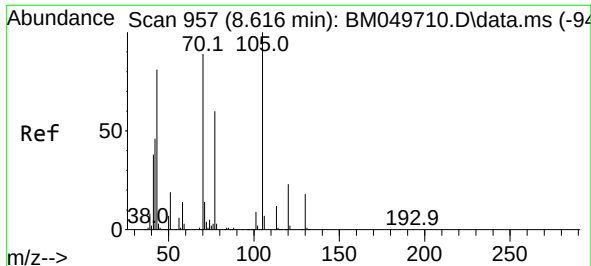
Tgt Ion:	107	Resp:	765435
Ion	Ratio	Lower	Upper
107	100		
108	113.7	89.6	134.4
77	48.6	39.8	59.6
79	46.2	37.4	56.2



#18
Hexachloroethane
Concen: 49.464 ng
RT: 8.869 min Scan# 1000
Delta R.T. -0.018 min
Lab File: BM049807.D
Acq: 03 Apr 2025 15:55

Tgt Ion:	117	Resp:	395719
Ion	Ratio	Lower	Upper
117	100		
119	95.4	73.1	109.7
201	121.1	90.0	135.0

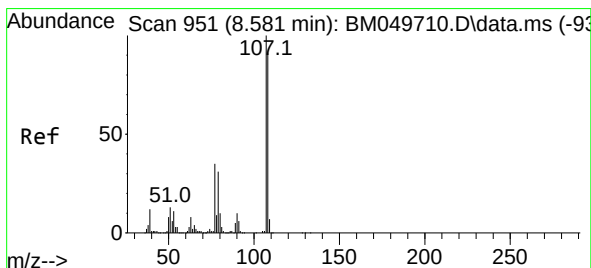
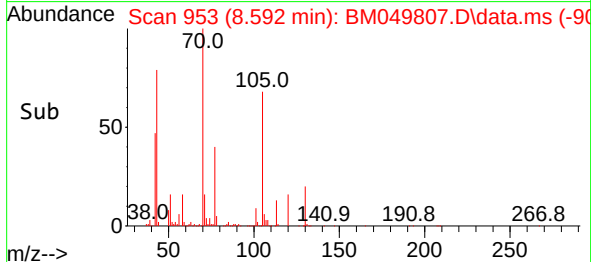
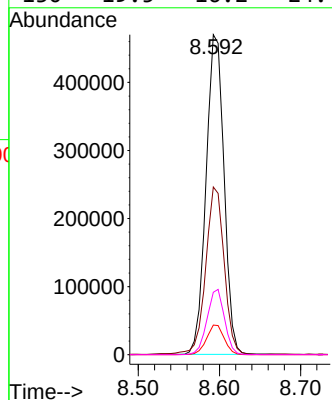
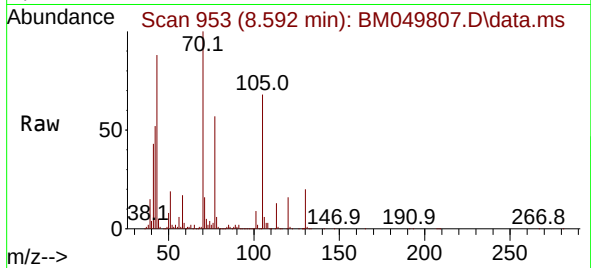




#19
n-Nitroso-di-n-propylamine
Concen: 53.088 ng
RT: 8.592 min Scan# 91
Delta R.T. -0.024 min
Lab File: BM049807.D
Acq: 03 Apr 2025 15:55

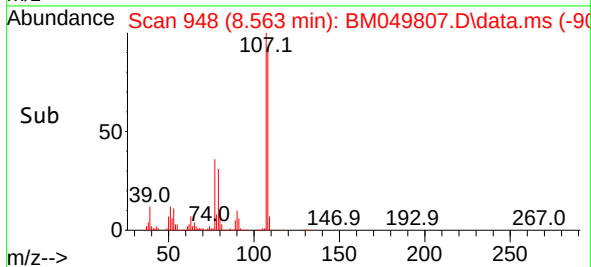
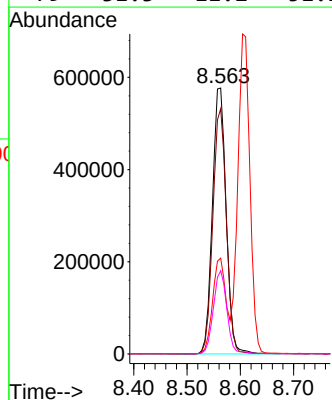
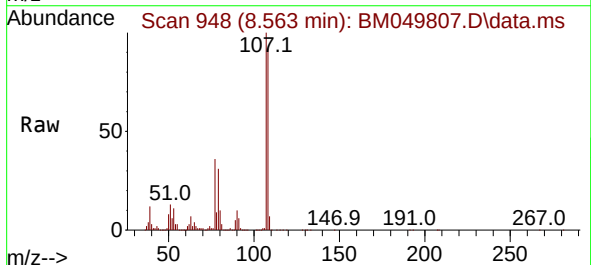
Instrument :
BNA_M
ClientSampleId :
WCS-TP-2MSD

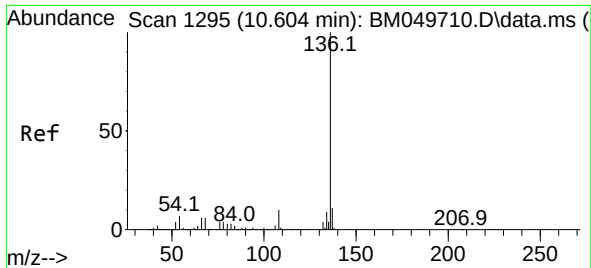
Tgt Ion: 70 Resp: 720846
Ion Ratio Lower Upper
70 100
42 52.4 41.8 62.6
101 9.2 7.7 11.5
130 19.5 16.2 24.4



#20
3+4-Methylphenols
Concen: 57.460 ng
RT: 8.563 min Scan# 948
Delta R.T. -0.018 min
Lab File: BM049807.D
Acq: 03 Apr 2025 15:55

Tgt Ion: 107 Resp: 1038031
Ion Ratio Lower Upper
107 100
108 92.2 71.0 111.0
77 36.1 15.1 55.1
79 31.3 11.2 51.2

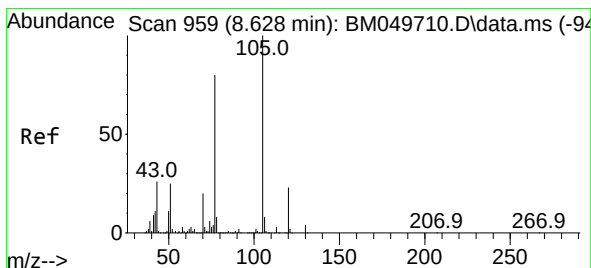
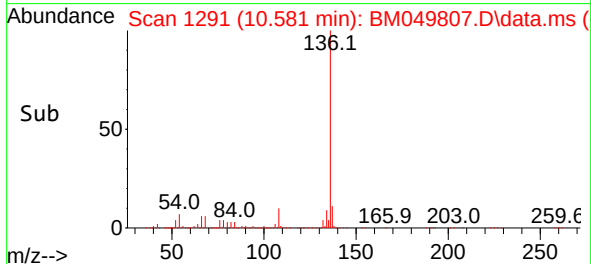
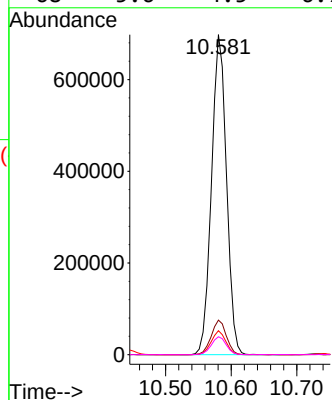
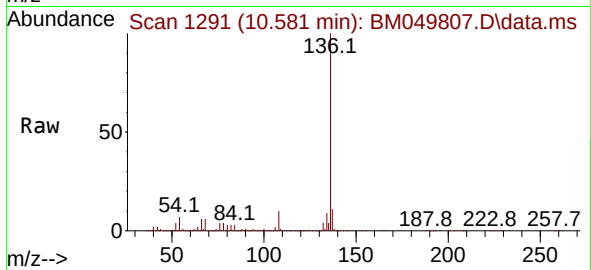




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 11
Delta R.T. -0.024 min
Lab File: BM049807.D
Acq: 03 Apr 2025 15:55

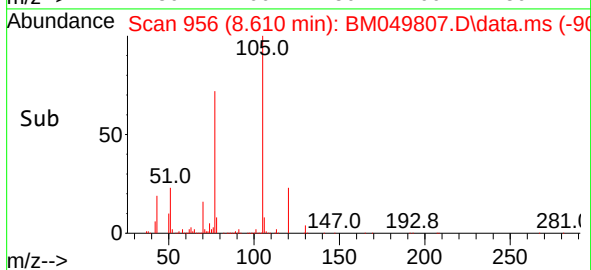
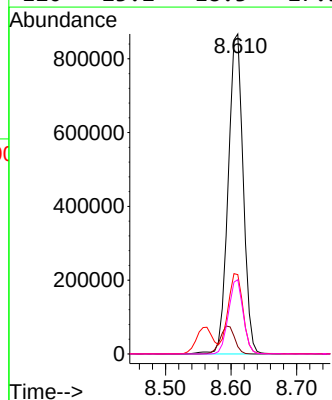
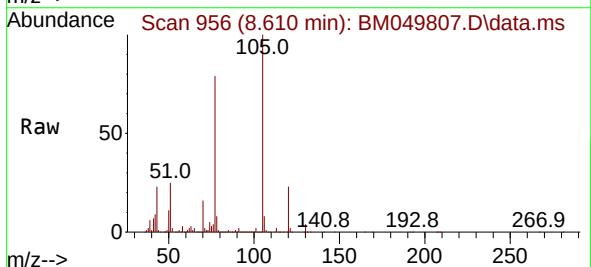
Instrument :
BNA_M
ClientSampleId :
WCS-TP-2MSD

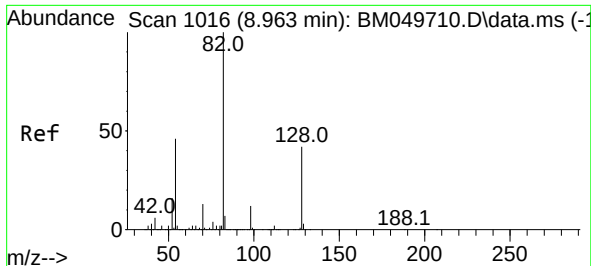
Tgt Ion:136 Resp: 1106197
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 7.5 5.8 8.8
68 5.6 4.5 6.7



#22
Acetophenone
Concen: 48.235 ng
RT: 8.610 min Scan# 956
Delta R.T. -0.018 min
Lab File: BM049807.D
Acq: 03 Apr 2025 15:55

Tgt Ion:105 Resp: 1375793
Ion Ratio Lower Upper
105 100
71 2.3 2.5 3.7#
51 24.8 19.9 29.9
120 23.2 18.3 27.5

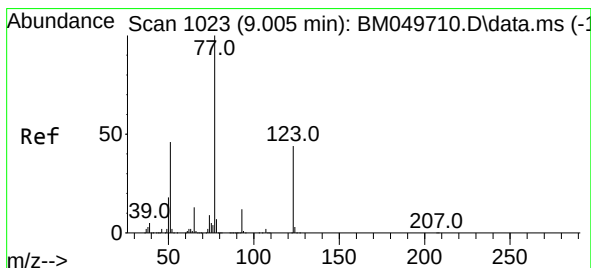
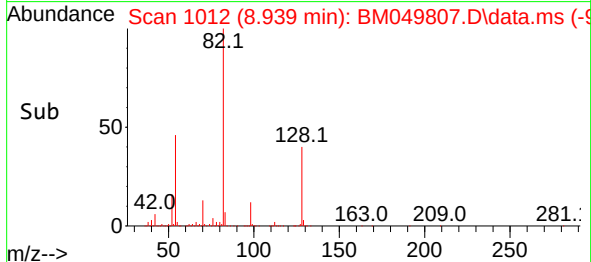
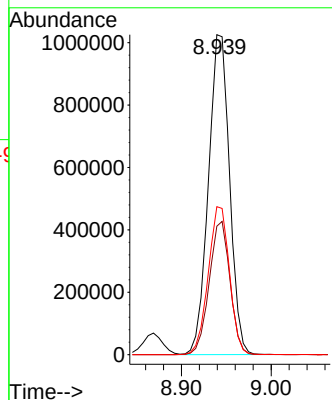
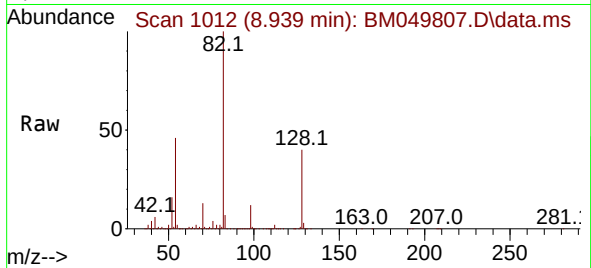




#23
Nitrobenzene-d5
Concen: 77.855 ng
RT: 8.939 min Scan# 1016
Delta R.T. -0.024 min
Lab File: BM049807.D
Acq: 03 Apr 2025 15:55

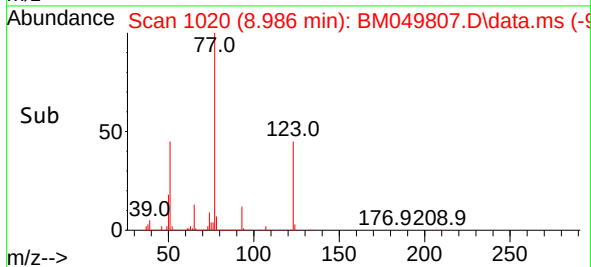
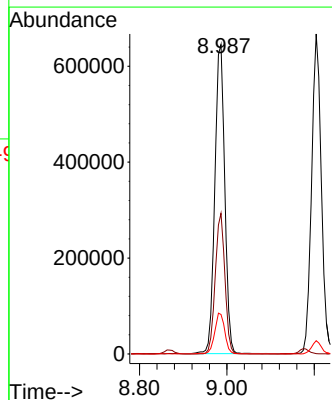
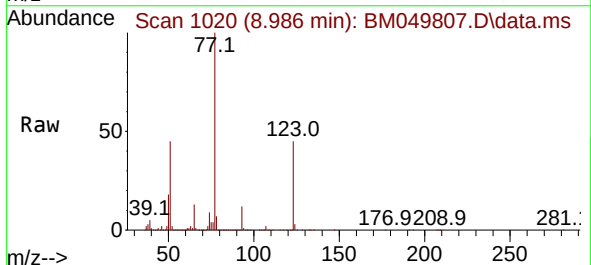
Instrument :
BNA_M
ClientSampleId :
WCS-TP-2MSD

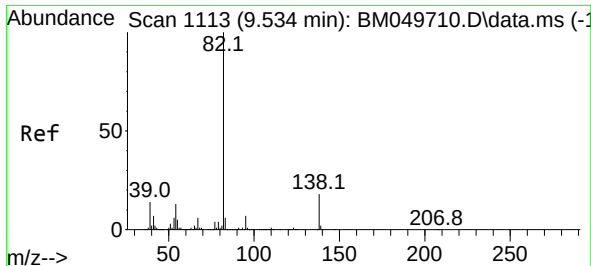
Tgt Ion: 82 Resp: 1677450
Ion Ratio Lower Upper
82 100
128 40.1 33.4 50.0
54 46.2 36.4 54.6



#24
Nitrobenzene
Concen: 50.218 ng
RT: 8.986 min Scan# 1020
Delta R.T. -0.018 min
Lab File: BM049807.D
Acq: 03 Apr 2025 15:55

Tgt Ion: 77 Resp: 1020225
Ion Ratio Lower Upper
77 100
123 45.4 34.9 52.3
65 12.8 10.6 15.8





#25

Isophorone

Concen: 56.617 ng

RT: 9.516 min Scan# 1110

Delta R.T. -0.018 min

Lab File: BM049807.D

Acq: 03 Apr 2025 15:55

Instrument :

BNA_M

ClientSampleId :

WCS-TP-2MSD

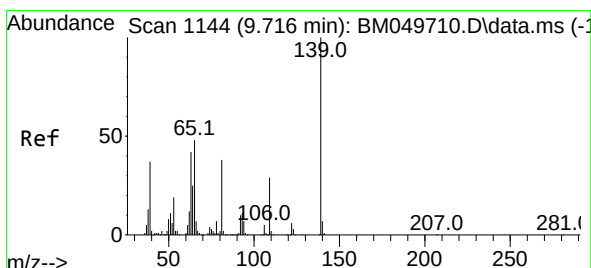
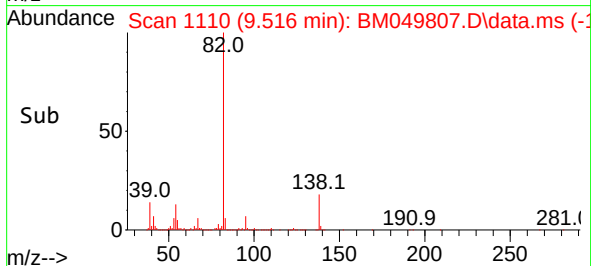
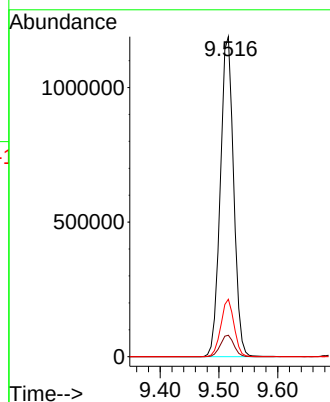
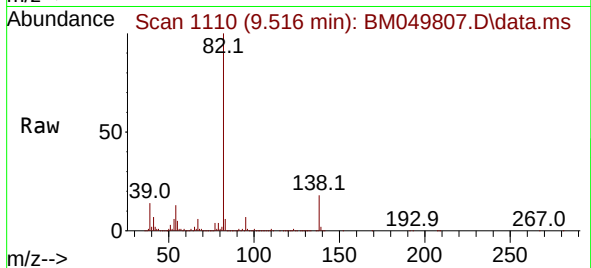
Tgt Ion: 82 Resp: 1872923

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 18.0 14.4 21.6



#26

2-Nitrophenol

Concen: 55.212 ng

RT: 9.692 min Scan# 1140

Delta R.T. -0.024 min

Lab File: BM049807.D

Acq: 03 Apr 2025 15:55

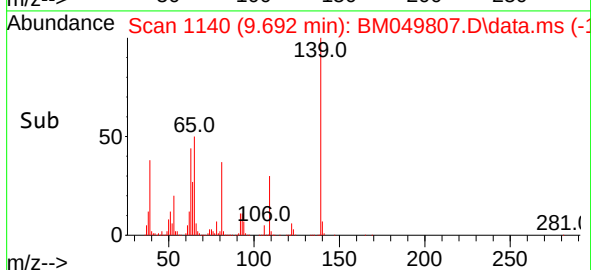
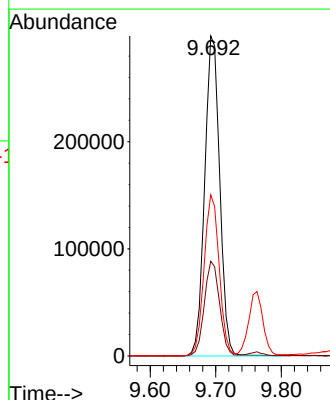
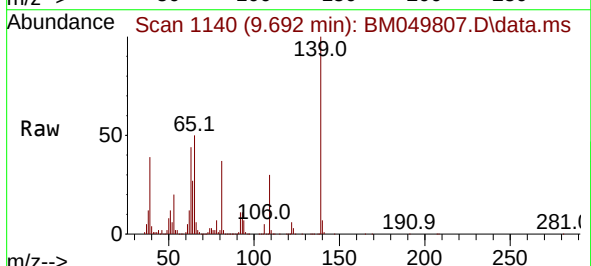
Tgt Ion:139 Resp: 477421

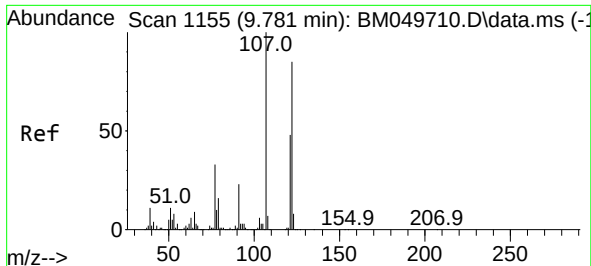
Ion Ratio Lower Upper

139 100

109 29.6 23.3 34.9

65 50.4 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 76.497 ng

RT: 9.763 min Scan# 1152

Delta R.T. -0.018 min

Lab File: BM049807.D

Acq: 03 Apr 2025 15:55

Instrument :

BNA_M

ClientSampleId :

WCS-TP-2MSD

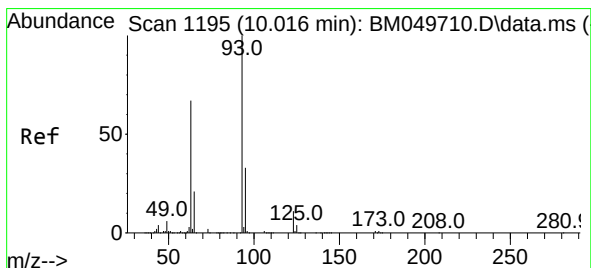
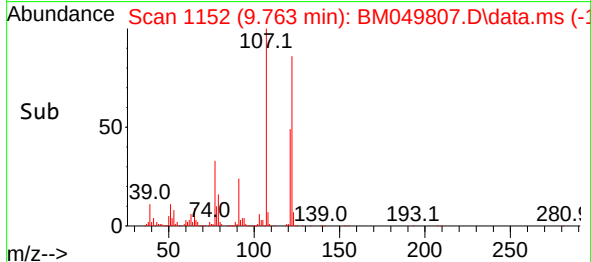
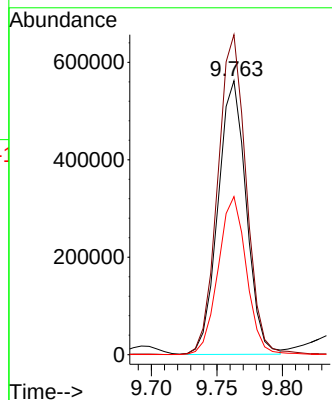
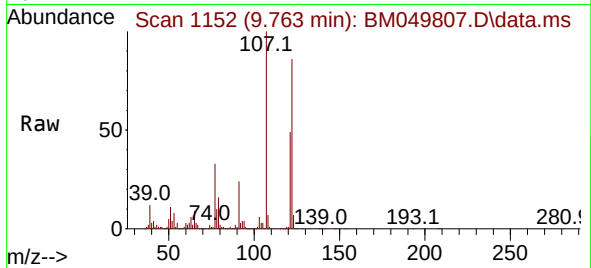
Tgt Ion:122 Resp: 841964

Ion Ratio Lower Upper

122 100

107 116.8 94.3 141.5

121 57.7 45.4 68.2



#28

bis(2-Chloroethoxy)methane

Concen: 50.313 ng

RT: 9.992 min Scan# 1191

Delta R.T. -0.024 min

Lab File: BM049807.D

Acq: 03 Apr 2025 15:55

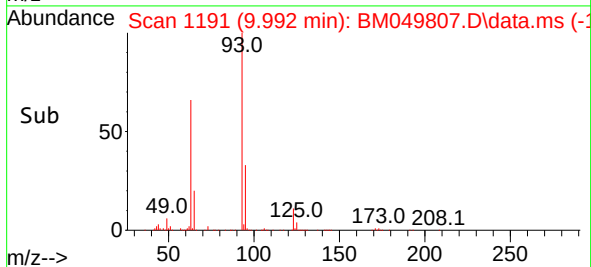
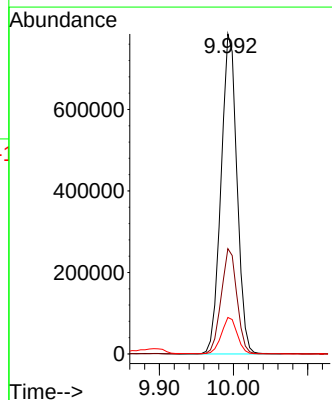
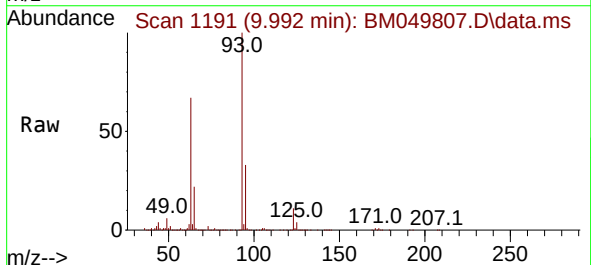
Tgt Ion: 93 Resp: 1172259

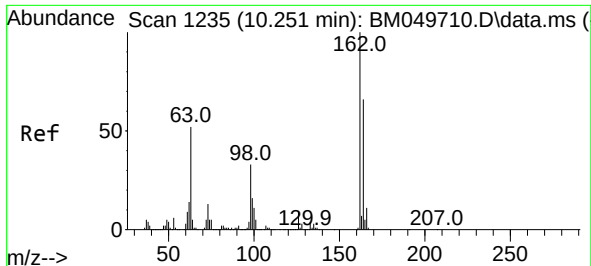
Ion Ratio Lower Upper

93 100

95 32.9 26.6 40.0

123 11.4 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 52.770 ng

RT: 10.233 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM049807.D

Acq: 03 Apr 2025 15:55

Instrument :

BNA_M

ClientSampleId :

WCS-TP-2MSD

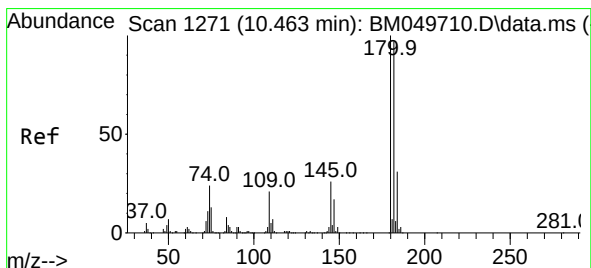
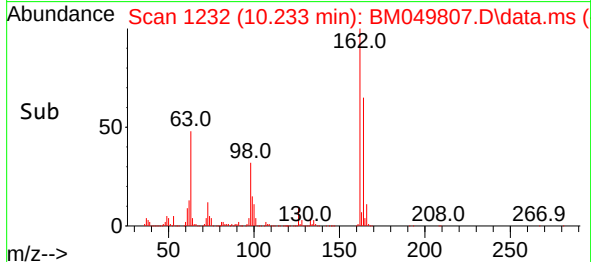
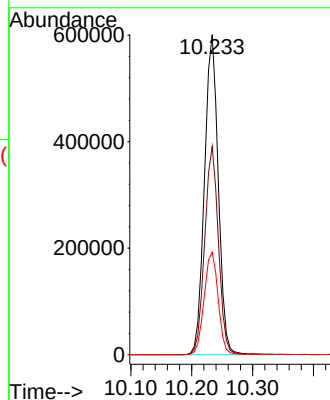
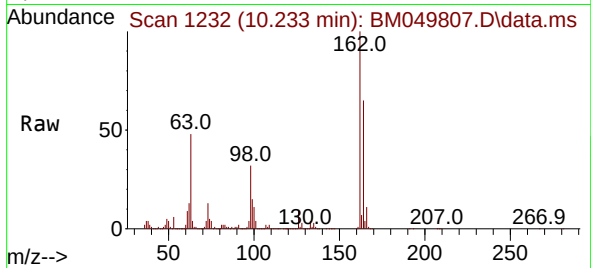
Tgt Ion:162 Resp: 946428

Ion Ratio Lower Upper

162 100

164 65.0 46.3 86.3

98 32.0 12.8 52.8



#30

1,2,4-Trichlorobenzene

Concen: 47.670 ng

RT: 10.445 min Scan# 1268

Delta R.T. -0.018 min

Lab File: BM049807.D

Acq: 03 Apr 2025 15:55

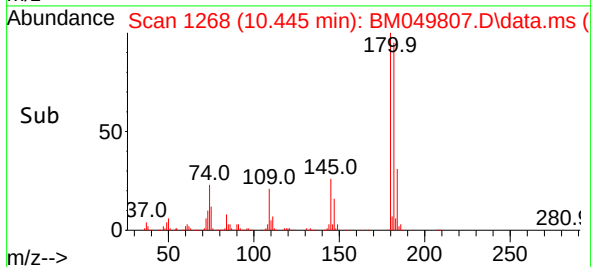
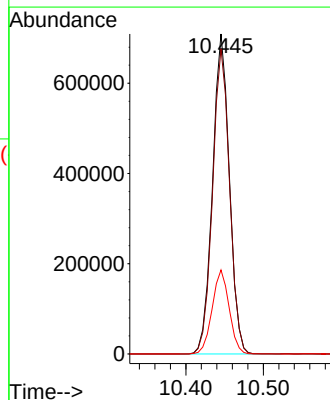
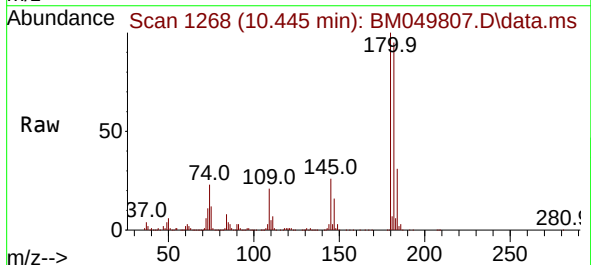
Tgt Ion:180 Resp: 1069672

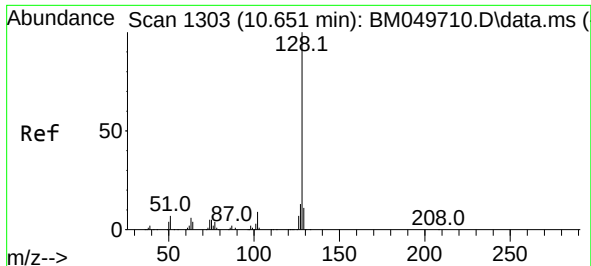
Ion Ratio Lower Upper

180 100

182 95.3 77.7 116.5

145 26.3 21.0 31.4

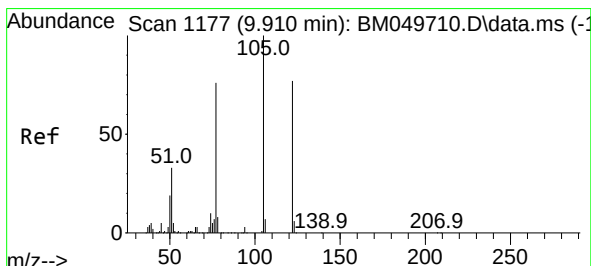
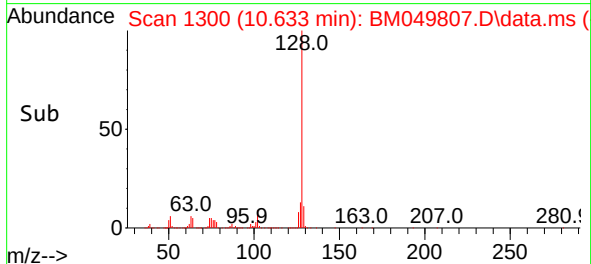
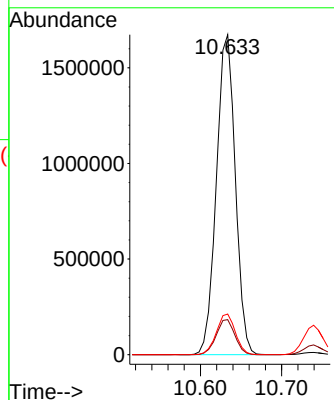
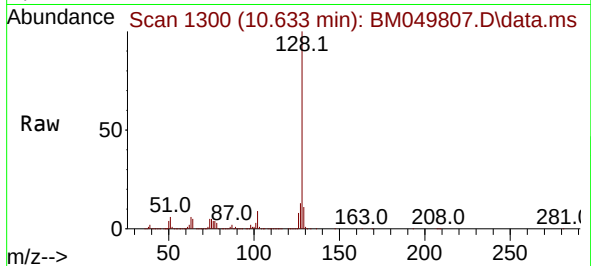




#31
Naphthalene
Concen: 47.663 ng
RT: 10.633 min Scan# 1175
Delta R.T. -0.018 min
Lab File: BM049807.D
Acq: 03 Apr 2025 15:55

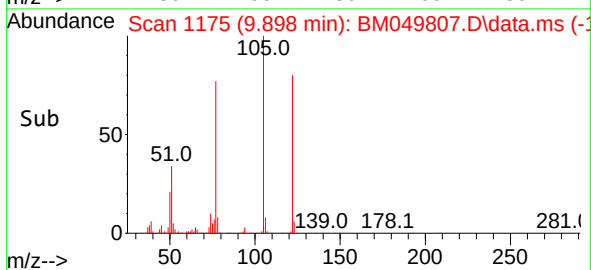
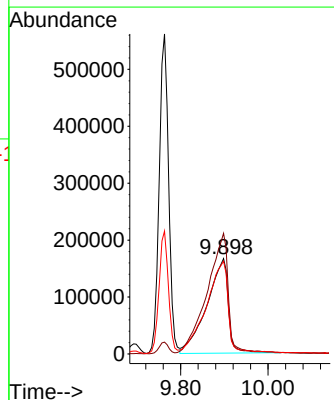
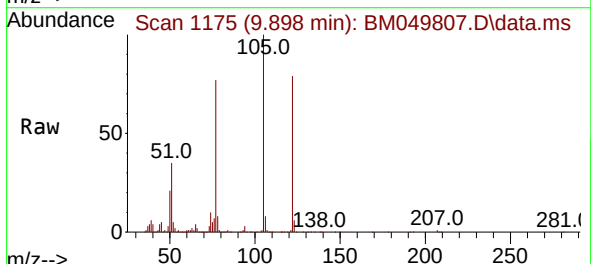
Instrument :
BNA_M
ClientSampleId :
WCS-TP-2MSD

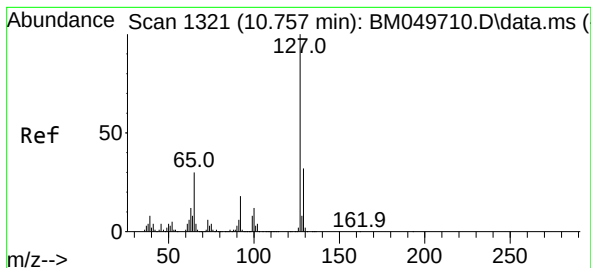
Tgt Ion:128 Resp: 2711141
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 12.7 10.4 15.6



#32
Benzoic acid
Concen: 60.400 ng
RT: 9.898 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BM049807.D
Acq: 03 Apr 2025 15:55

Tgt Ion:122 Resp: 565381
Ion Ratio Lower Upper
122 100
105 126.4 105.6 145.6
77 97.4 76.9 116.9





#33

4-Chloroaniline

Concen: 13.951 ng

RT: 10.739 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM049807.D

Acq: 03 Apr 2025 15:55

Instrument :

BNA_M

ClientSampleId :

WCS-TP-2MSD

Tgt Ion:127 Resp: 270828

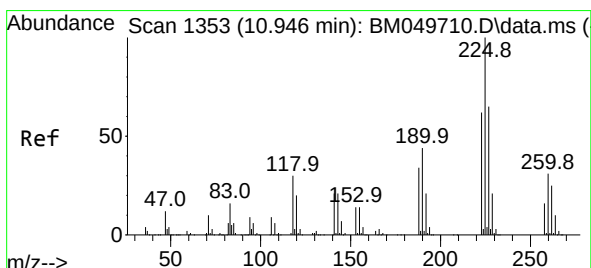
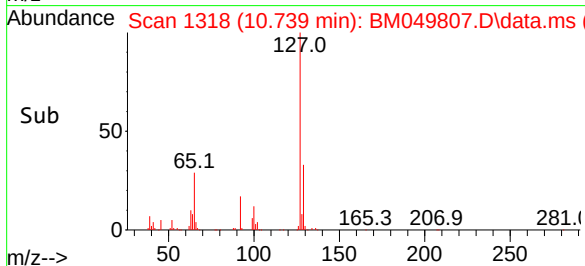
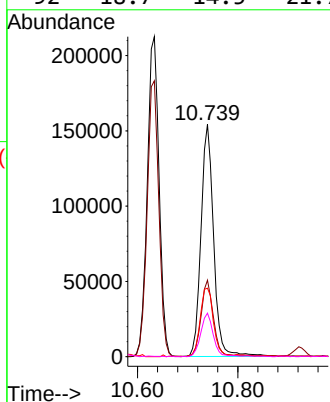
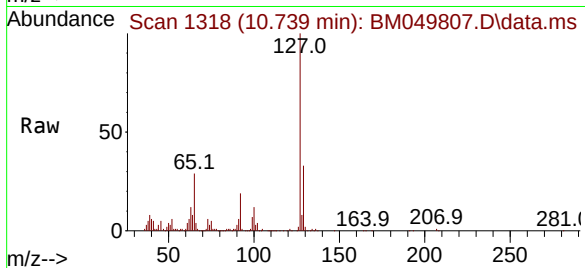
Ion Ratio Lower Upper

127 100

129 32.9 25.7 38.5

65 29.5 24.1 36.1

92 18.7 14.5 21.7



#34

Hexachlorobutadiene

Concen: 48.110 ng

RT: 10.922 min Scan# 1349

Delta R.T. -0.024 min

Lab File: BM049807.D

Acq: 03 Apr 2025 15:55

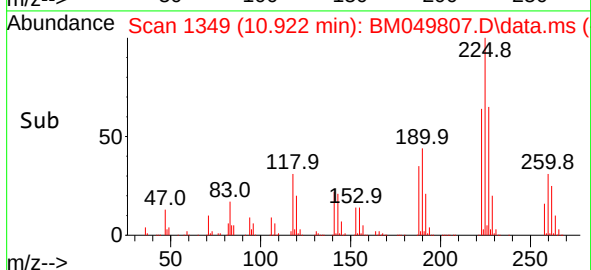
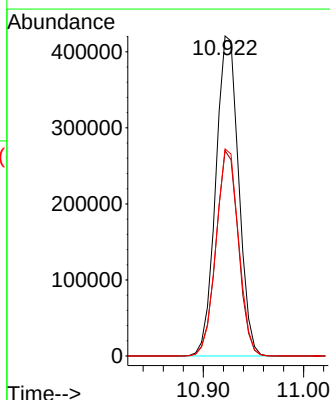
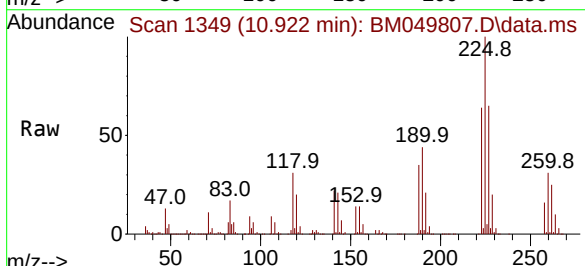
Tgt Ion:225 Resp: 666440

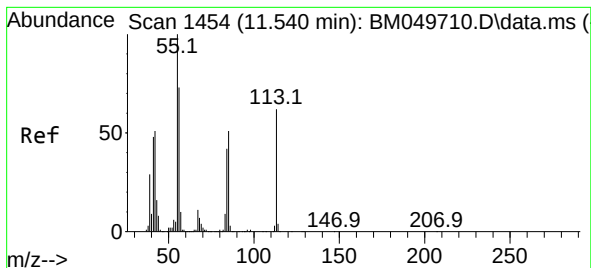
Ion Ratio Lower Upper

225 100

223 64.2 49.8 74.8

227 64.7 52.1 78.1

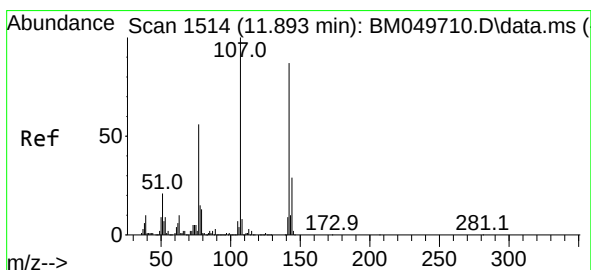
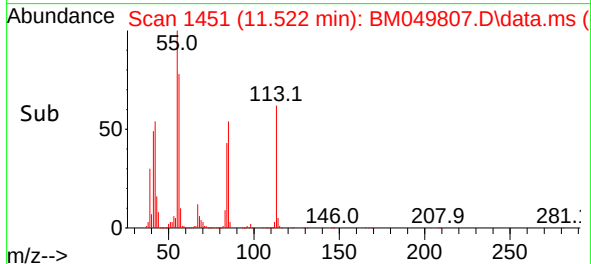
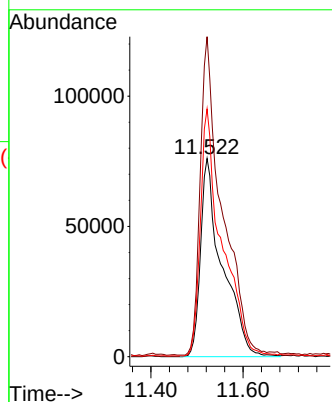
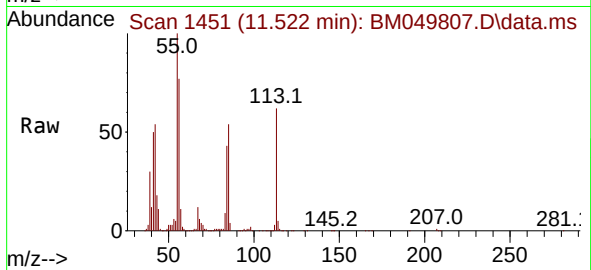




#35
Caprolactam
Concen: 59.620 ng
RT: 11.522 min Scan# 14
Delta R.T. -0.018 min
Lab File: BM049807.D
Acq: 03 Apr 2025 15:55

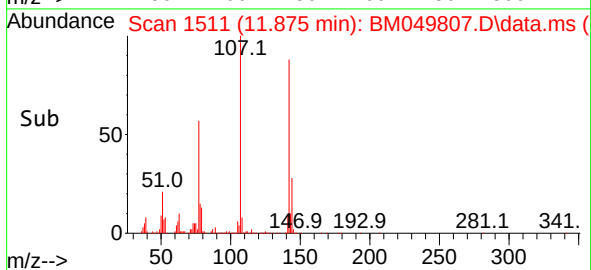
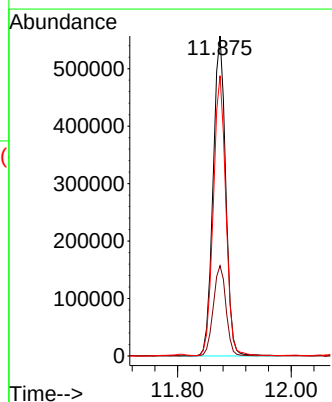
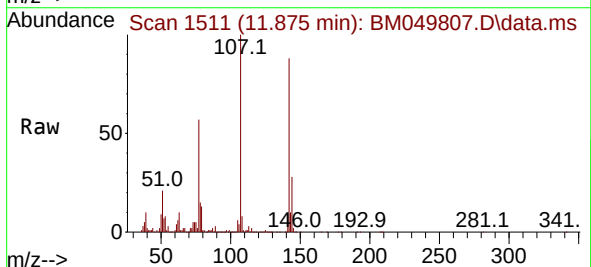
Instrument :
BNA_M
ClientSampleId :
WCS-TP-2MSD

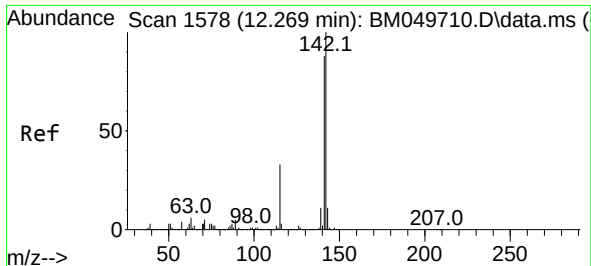
Tgt Ion:113 Resp: 248253
Ion Ratio Lower Upper
113 100
55 161.5 141.8 181.8
56 125.1 98.0 138.0



#36
4-Chloro-3-methylphenol
Concen: 55.523 ng
RT: 11.875 min Scan# 1511
Delta R.T. -0.018 min
Lab File: BM049807.D
Acq: 03 Apr 2025 15:55

Tgt Ion:107 Resp: 854567
Ion Ratio Lower Upper
107 100
144 28.2 23.0 34.6
142 87.6 69.8 104.8





#37

2-Methylnaphthalene

Concen: 44.814 ng

RT: 12.245 min Scan# 1

Delta R.T. -0.024 min

Lab File: BM049807.D

Acq: 03 Apr 2025 15:55

Instrument :

BNA_M

ClientSampleId :

WCS-TP-2MSD

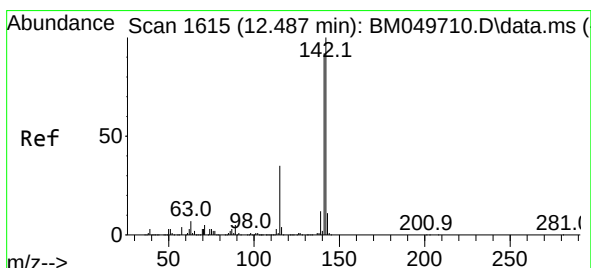
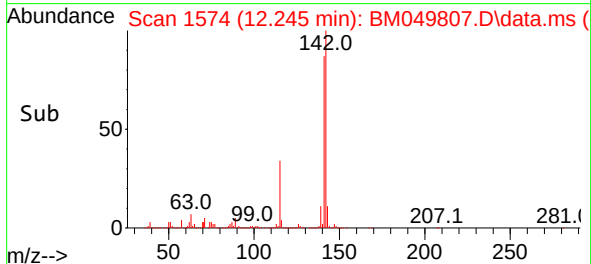
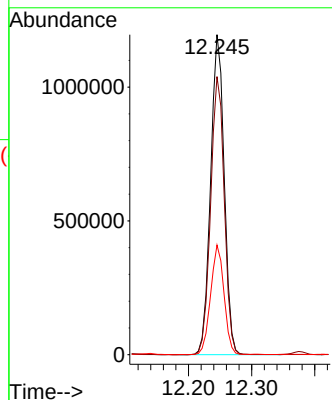
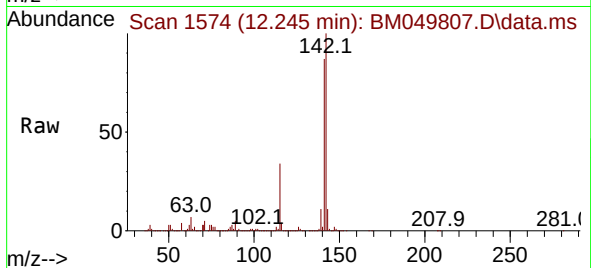
Tgt Ion:142 Resp: 1782423

Ion Ratio Lower Upper

142 100

141 86.9 70.5 105.7

115 34.3 26.5 39.7



#38

1-Methylnaphthalene

Concen: 48.571 ng

RT: 12.469 min Scan# 1612

Delta R.T. -0.018 min

Lab File: BM049807.D

Acq: 03 Apr 2025 15:55

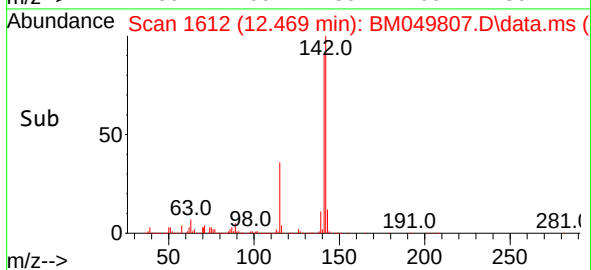
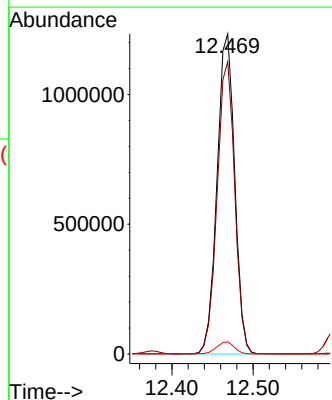
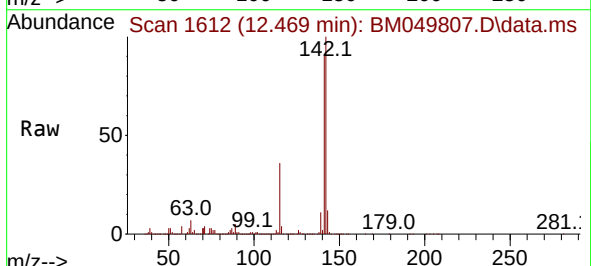
Tgt Ion:142 Resp: 1863884

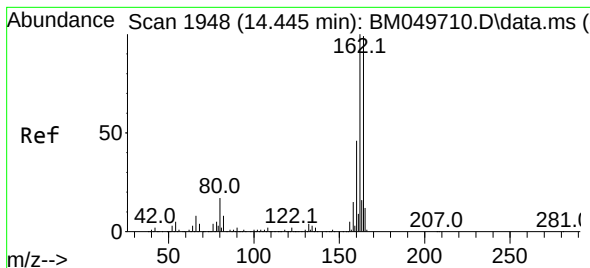
Ion Ratio Lower Upper

142 100

141 91.3 73.4 110.2

116 3.8 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.427 min Scan# 1945

Delta R.T. -0.018 min

Lab File: BM049807.D

Acq: 03 Apr 2025 15:55

Instrument :

BNA_M

ClientSampleId :

WCS-TP-2MSD

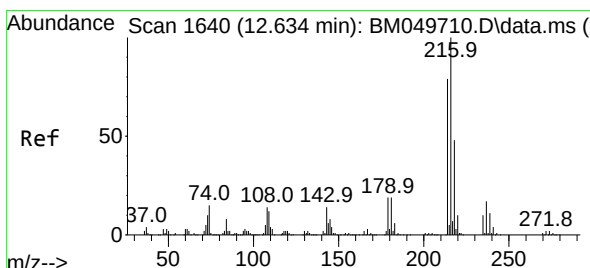
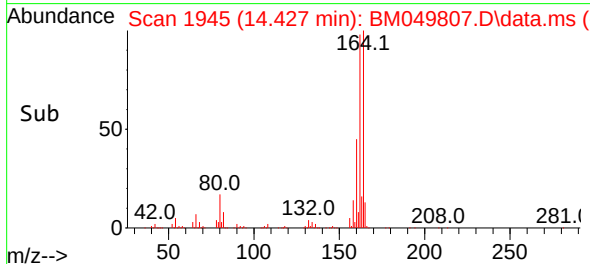
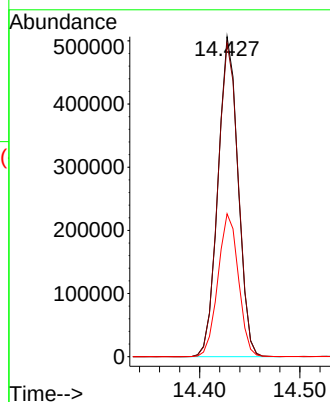
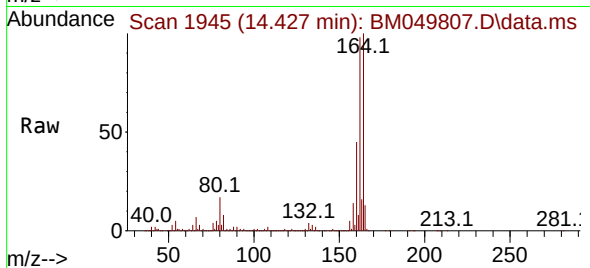
Tgt Ion:164 Resp: 705128

Ion Ratio Lower Upper

164 100

162 98.1 80.5 120.7

160 44.7 36.9 55.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.433 ng

RT: 12.616 min Scan# 1637

Delta R.T. -0.018 min

Lab File: BM049807.D

Acq: 03 Apr 2025 15:55

Tgt Ion:216 Resp: 1254455

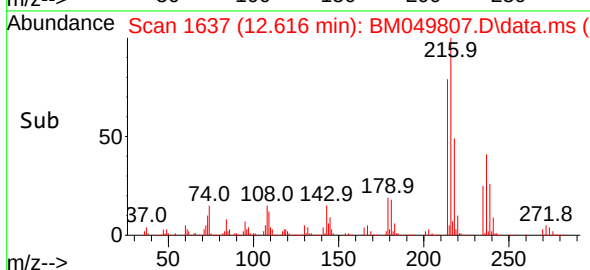
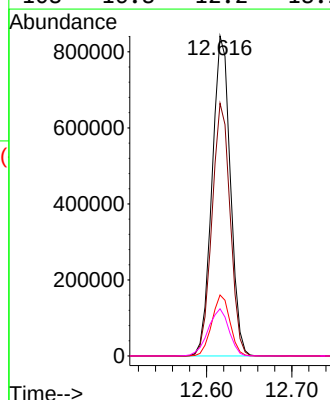
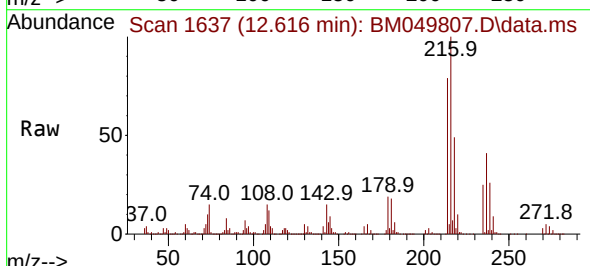
Ion Ratio Lower Upper

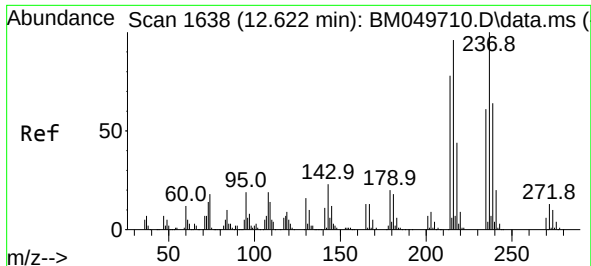
216 100

214 78.4 63.5 95.3

179 19.0 15.7 23.5

108 16.8 12.2 18.2

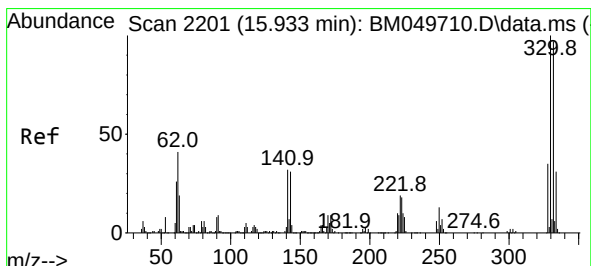
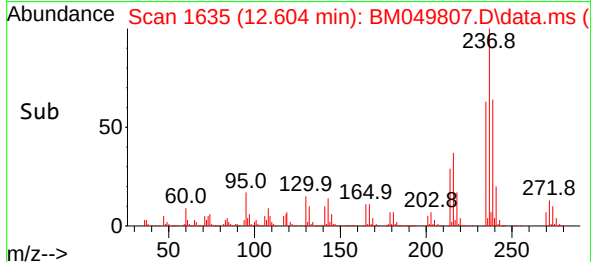
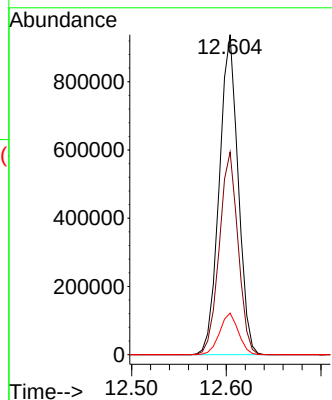
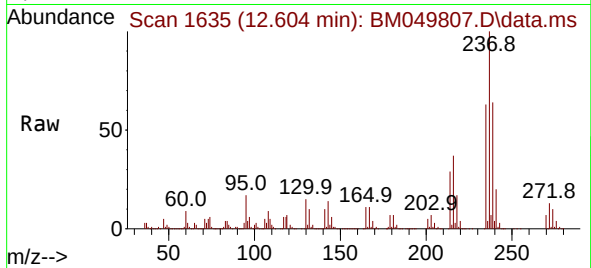




#41
Hexachlorocyclopentadiene
Concen: 135.366 ng
RT: 12.604 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM049807.D
Acq: 03 Apr 2025 15:55

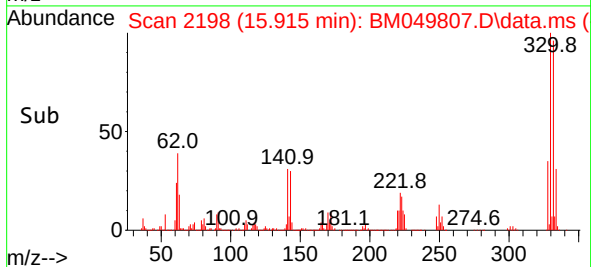
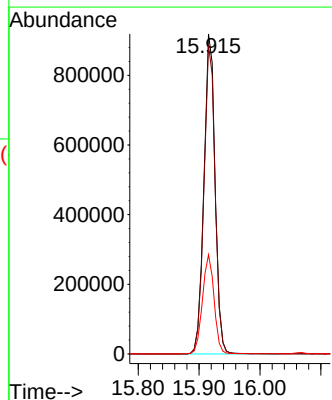
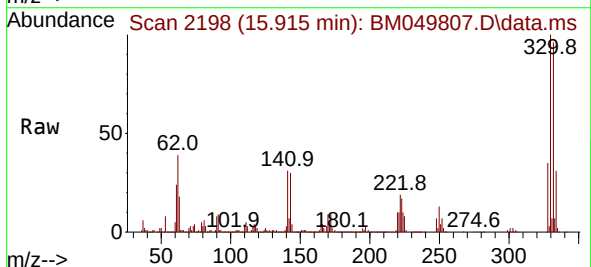
Instrument :
BNA_M
ClientSampleId :
WCS-TP-2MSD

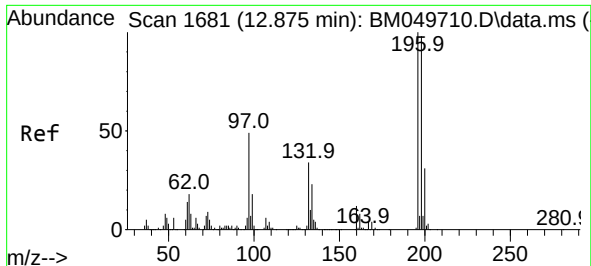
Tgt Ion:237 Resp: 1298892
Ion Ratio Lower Upper
237 100
235 63.4 41.1 81.1
272 13.0 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 141.680 ng
RT: 15.915 min Scan# 2198
Delta R.T. -0.018 min
Lab File: BM049807.D
Acq: 03 Apr 2025 15:55

Tgt Ion:330 Resp: 1166560
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.4
141 32.3 27.8 41.6

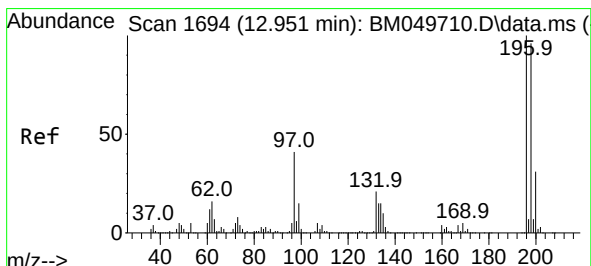
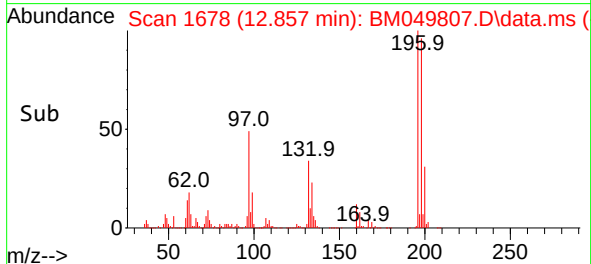
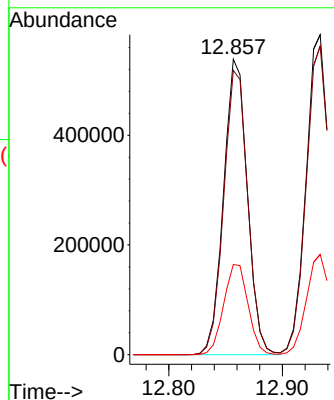
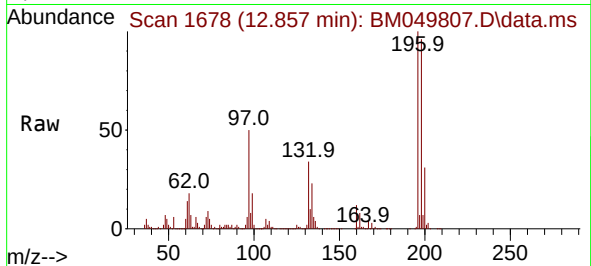




#43
2,4,6-Trichlorophenol
Concen: 54.096 ng
RT: 12.857 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM049807.D
Acq: 03 Apr 2025 15:55

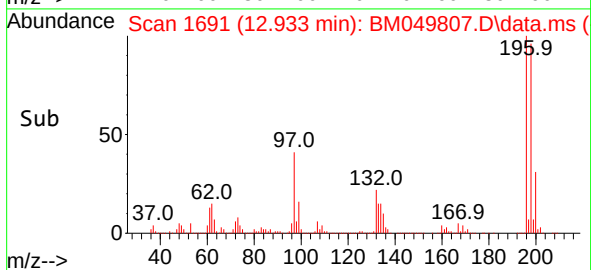
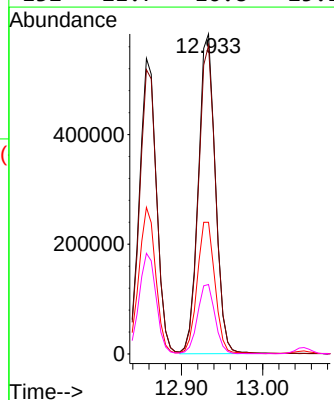
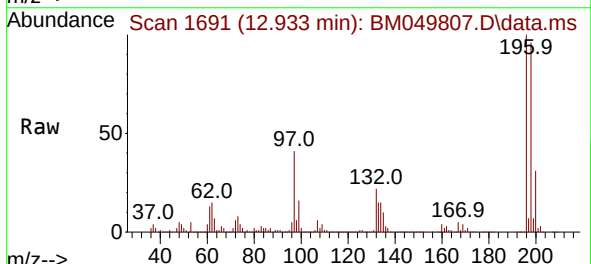
Instrument :
BNA_M
ClientSampleId :
WCS-TP-2MSD

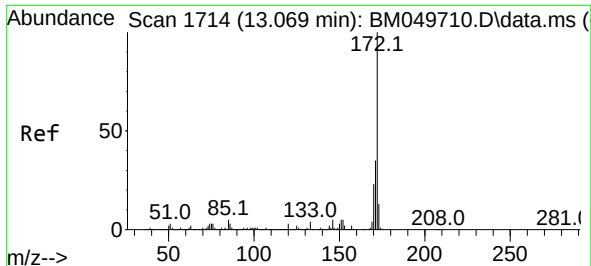
Tgt Ion:196 Resp: 784719
Ion Ratio Lower Upper
196 100
198 96.2 78.3 117.5
200 30.6 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 53.786 ng
RT: 12.933 min Scan# 1691
Delta R.T. -0.018 min
Lab File: BM049807.D
Acq: 03 Apr 2025 15:55

Tgt Ion:196 Resp: 851422
Ion Ratio Lower Upper
196 100
198 96.5 76.7 115.1
97 41.2 32.9 49.3
132 21.7 16.8 25.2

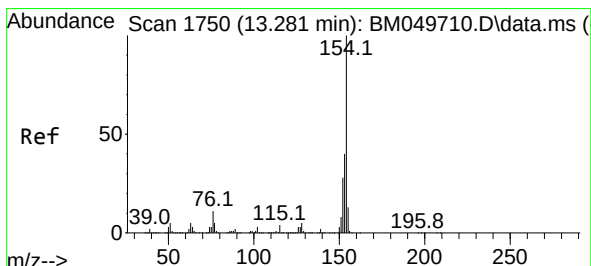
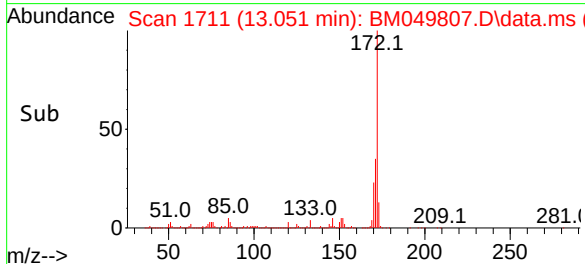
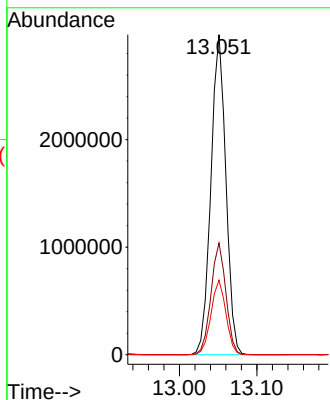
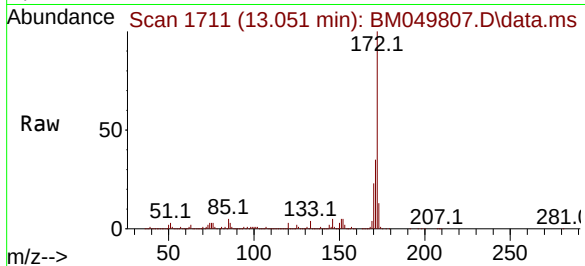




#45
2-Fluorobiphenyl
Concen: 70.790 ng
RT: 13.051 min Scan# 1711
Delta R.T. -0.018 min
Lab File: BM049807.D
Acq: 03 Apr 2025 15:55

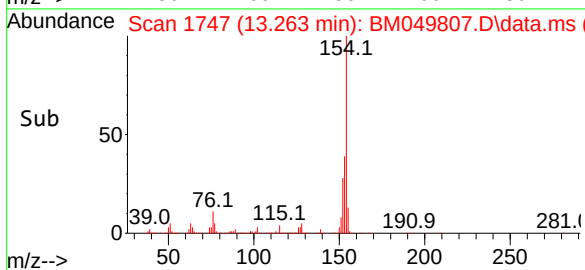
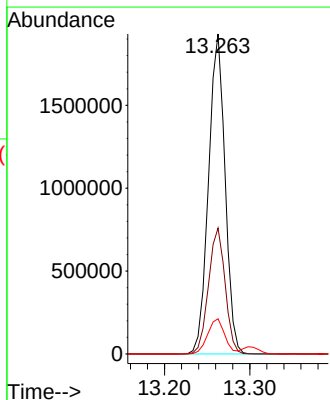
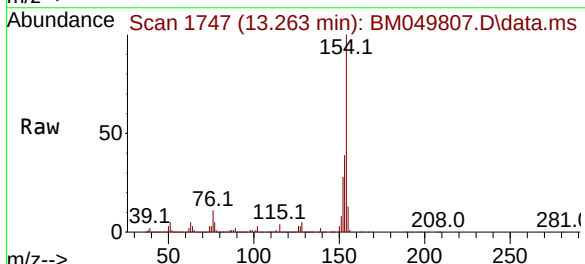
Instrument :
BNA_M
ClientSampleId :
WCS-TP-2MSD

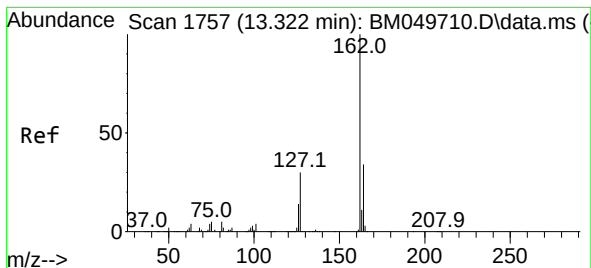
Tgt Ion:172 Resp: 3985678
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 23.3 18.6 28.0



#46
1,1'-Biphenyl
Concen: 47.828 ng
RT: 13.263 min Scan# 1747
Delta R.T. -0.018 min
Lab File: BM049807.D
Acq: 03 Apr 2025 15:55

Tgt Ion:154 Resp: 2599222
Ion Ratio Lower Upper
154 100
153 39.4 19.7 59.7
76 11.0 0.0 31.2





#47

2-Chloronaphthalene

Concen: 48.605 ng

RT: 13.304 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM049807.D

Acq: 03 Apr 2025 15:55

Instrument :

BNA_M

ClientSampleId :

WCS-TP-2MSD

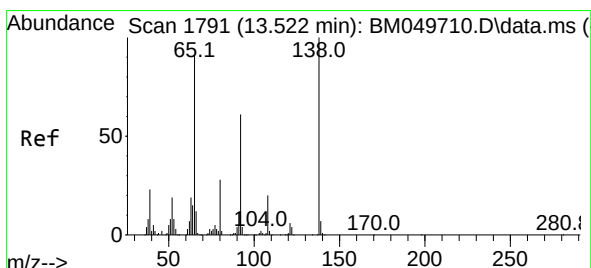
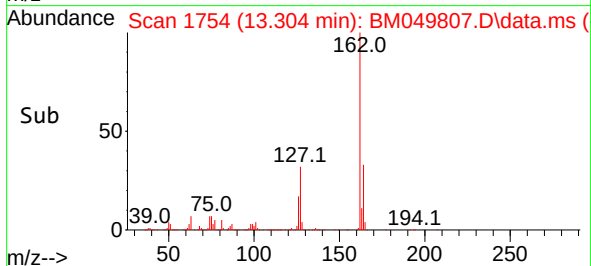
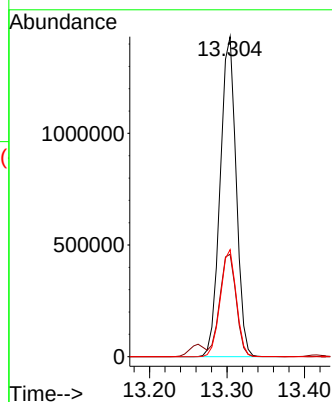
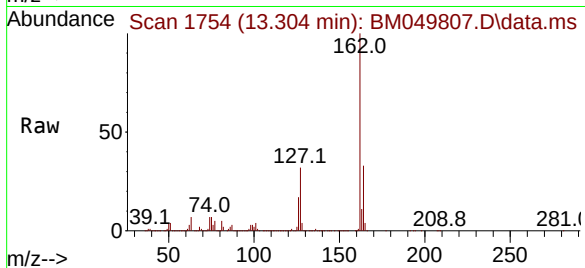
Tgt Ion:162 Resp: 2055991

Ion Ratio Lower Upper

162 100

127 32.0 25.8 38.6

164 33.5 27.1 40.7



#48

2-Nitroaniline

Concen: 55.745 ng

RT: 13.504 min Scan# 1788

Delta R.T. -0.018 min

Lab File: BM049807.D

Acq: 03 Apr 2025 15:55

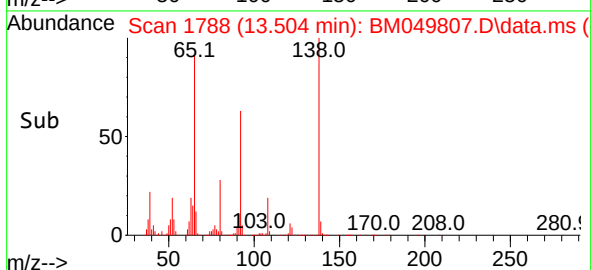
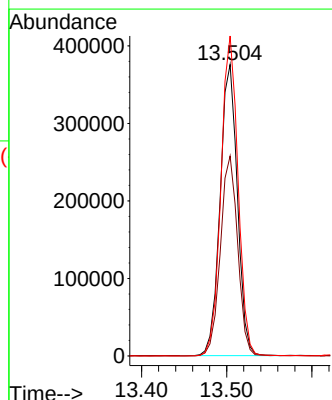
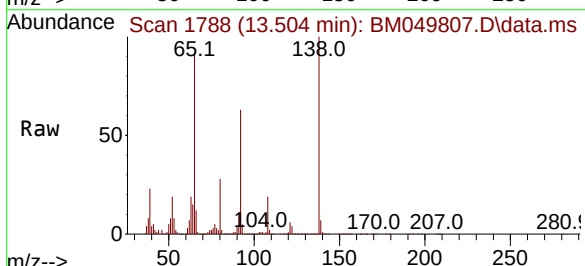
Tgt Ion: 65 Resp: 529349

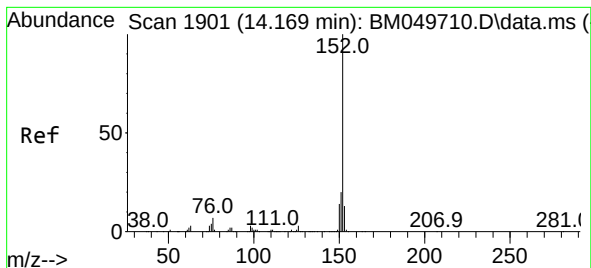
Ion Ratio Lower Upper

65 100

92 68.6 53.4 80.2

138 109.8 87.6 131.4





#49

Acenaphthylene

Concen: 55.284 ng

RT: 14.151 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM049807.D

Acq: 03 Apr 2025 15:55

Instrument :

BNA_M

ClientSampleId :

WCS-TP-2MSD

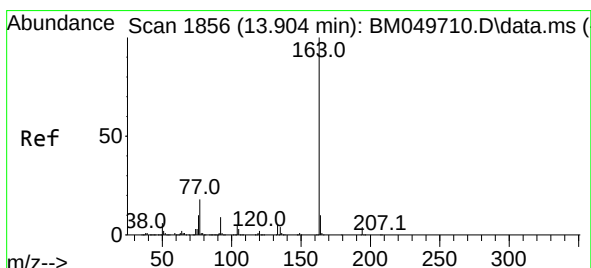
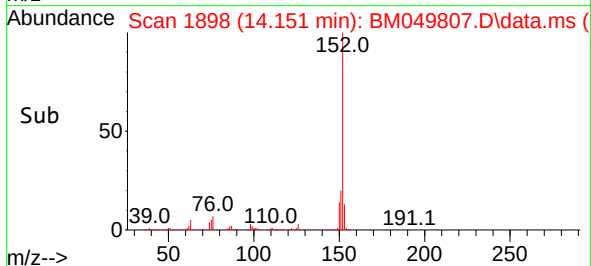
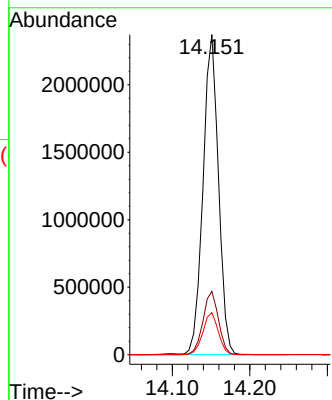
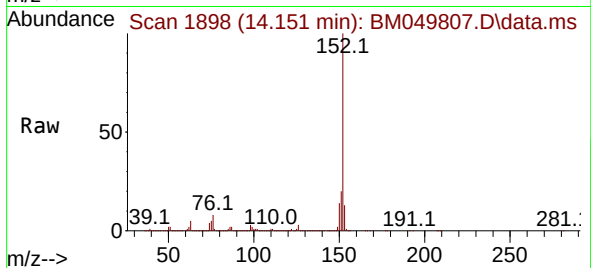
Tgt Ion:152 Resp: 3268726

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.8

153 13.1 10.2 15.4



#50

Dimethylphthalate

Concen: 50.291 ng

RT: 13.886 min Scan# 1853

Delta R.T. -0.018 min

Lab File: BM049807.D

Acq: 03 Apr 2025 15:55

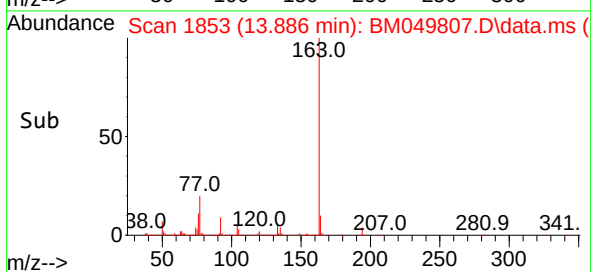
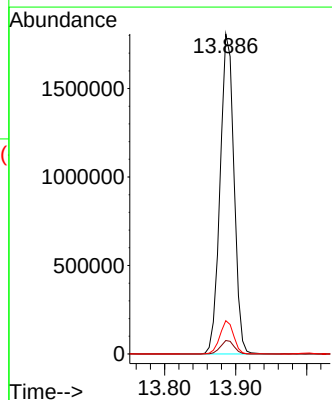
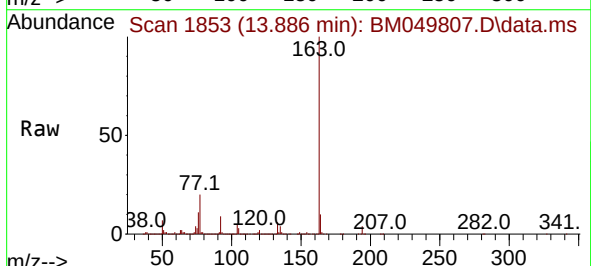
Tgt Ion:163 Resp: 2441488

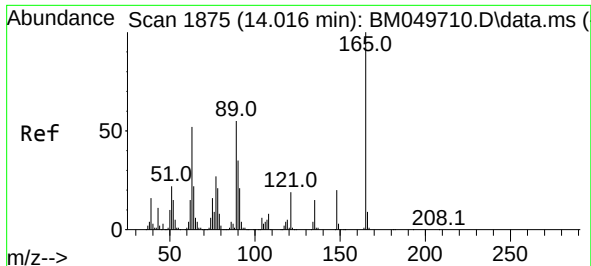
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.4 8.2 12.2

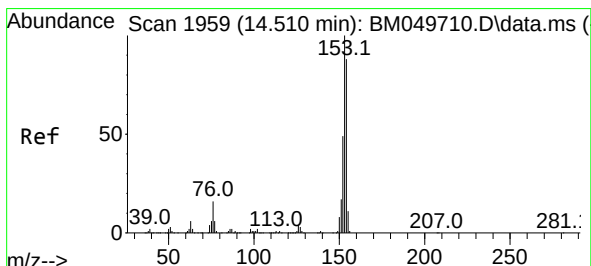
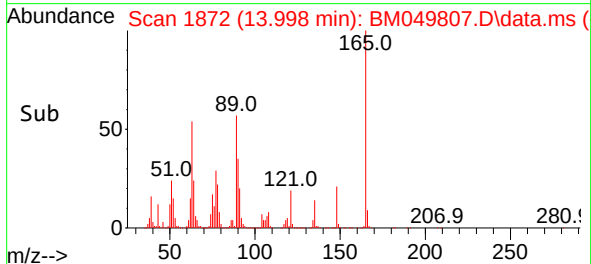
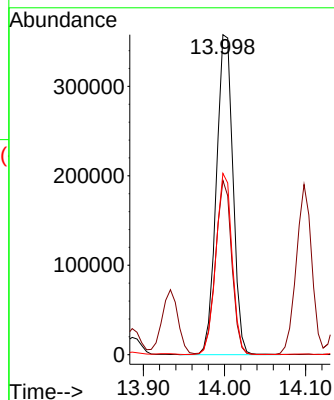
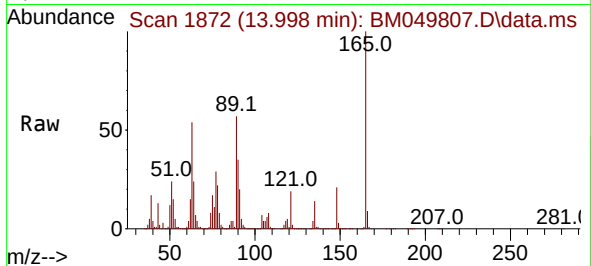




#51
2,6-Dinitrotoluene
Concen: 52.352 ng
RT: 13.998 min Scan# 1875
Delta R.T. -0.018 min
Lab File: BM049807.D
Acq: 03 Apr 2025 15:55

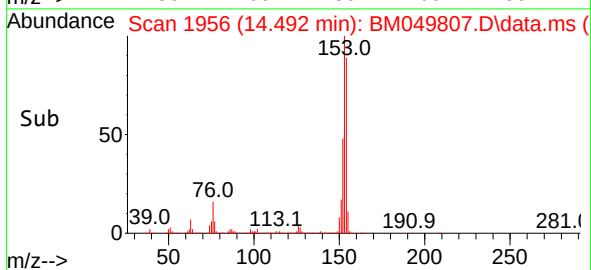
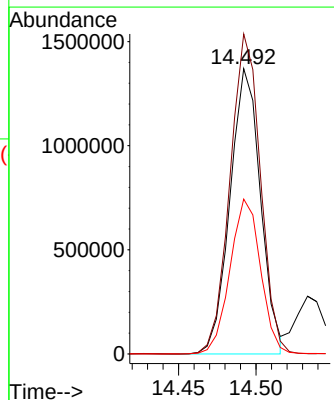
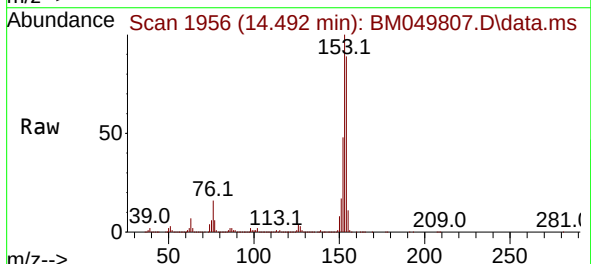
Instrument :
BNA_M
ClientSampleId :
WCS-TP-2MSD

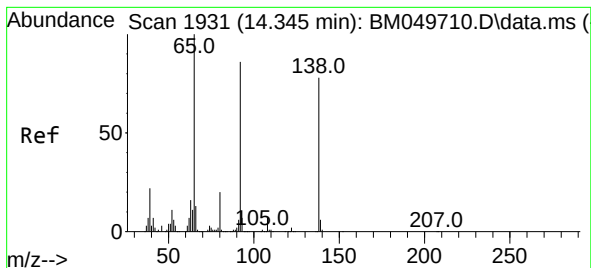
Tgt Ion:165 Resp: 509249
Ion Ratio Lower Upper
165 100
63 54.4 42.3 63.5
89 56.6 43.9 65.9



#52
Acenaphthene
Concen: 48.302 ng
RT: 14.492 min Scan# 1956
Delta R.T. -0.018 min
Lab File: BM049807.D
Acq: 03 Apr 2025 15:55

Tgt Ion:154 Resp: 1873311
Ion Ratio Lower Upper
154 100
153 112.1 90.4 135.6
152 54.3 44.2 66.2

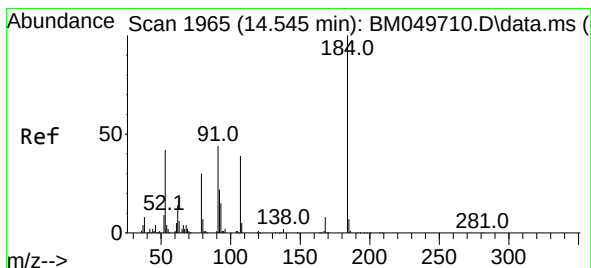
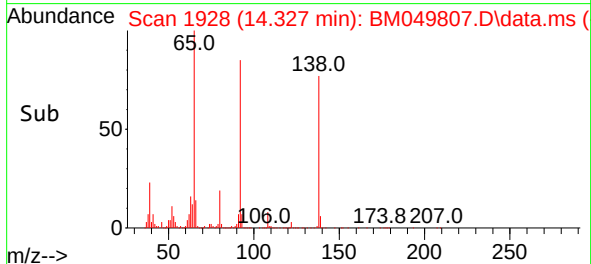
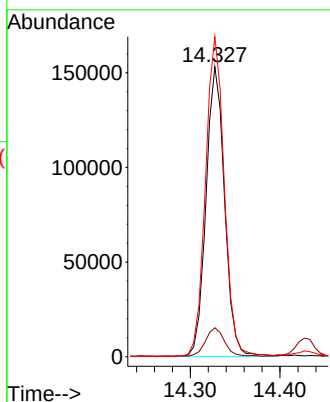
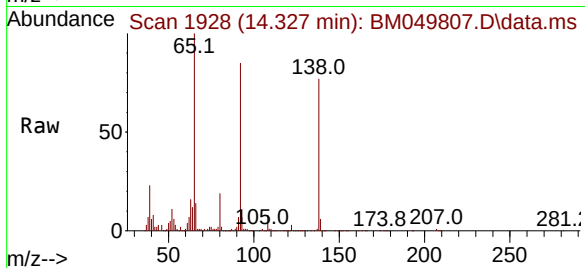




#53
3-Nitroaniline
Concen: 23.721 ng
RT: 14.327 min Scan# 1931
Delta R.T. -0.018 min
Lab File: BM049807.D
Acq: 03 Apr 2025 15:55

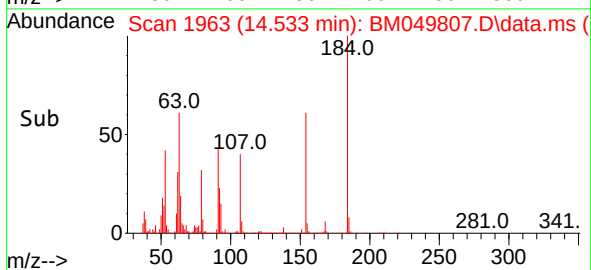
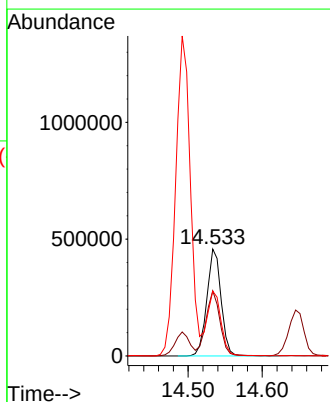
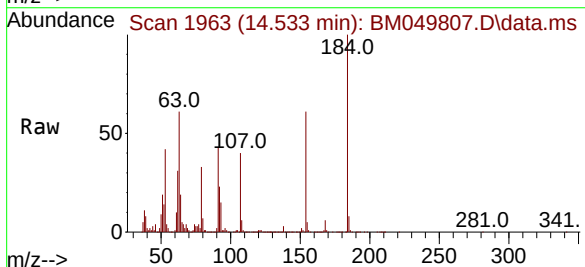
Instrument :
BNA_M
ClientSampleId :
WCS-TP-2MSD

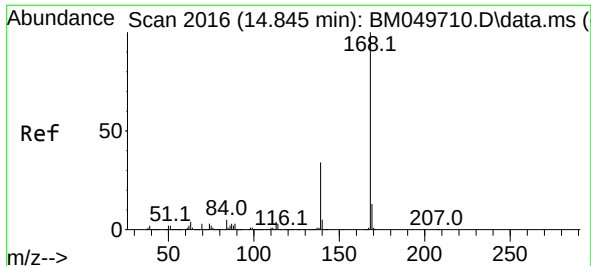
Tgt Ion:138 Resp: 219582
Ion Ratio Lower Upper
138 100
108 10.0 7.5 11.3
92 110.4 88.0 132.0



#54
2,4-Dinitrophenol
Concen: 92.626 ng
RT: 14.533 min Scan# 1963
Delta R.T. -0.012 min
Lab File: BM049807.D
Acq: 03 Apr 2025 15:55

Tgt Ion:184 Resp: 610000
Ion Ratio Lower Upper
184 100
63 60.8 47.2 70.8
154 60.5 49.9 74.9

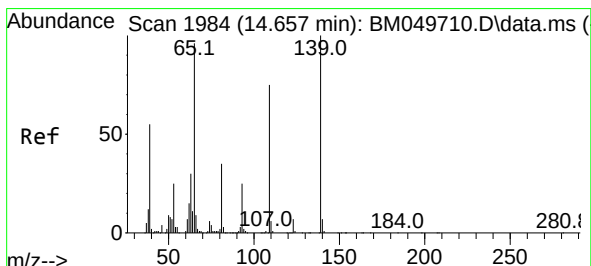
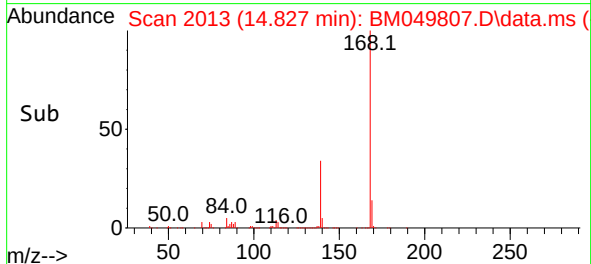
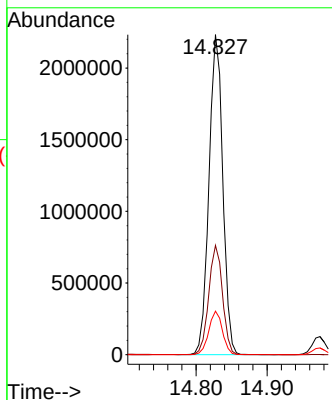
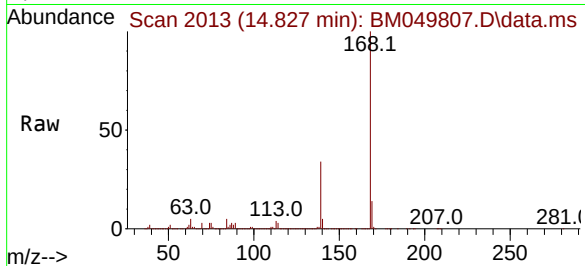




#55
Dibenzenofuran
Concen: 46.633 ng
RT: 14.827 min Scan# 2016
Delta R.T. -0.018 min
Lab File: BM049807.D
Acq: 03 Apr 2025 15:55

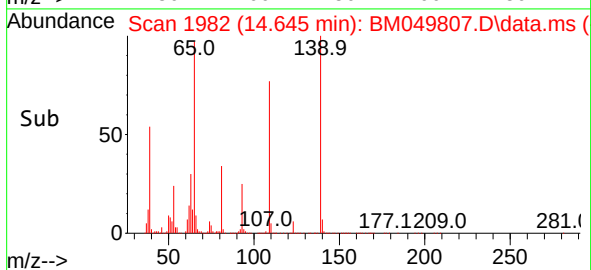
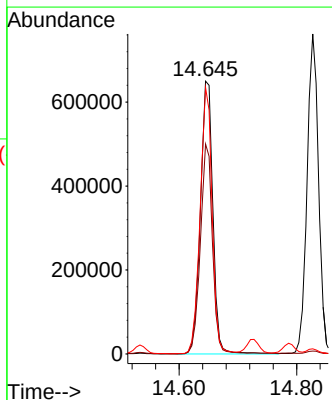
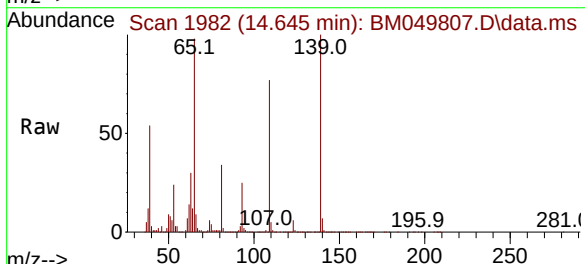
Instrument :
BNA_M
ClientSampleId :
WCS-TP-2MSD

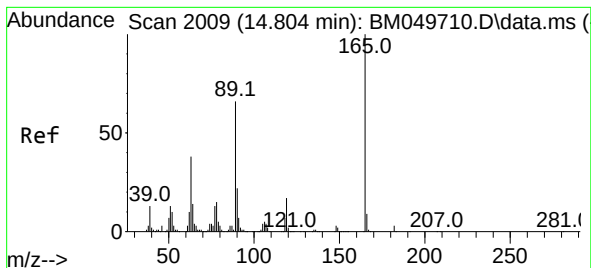
Tgt Ion:168 Resp: 3013659
Ion Ratio Lower Upper
168 100
139 34.1 27.4 41.0
169 13.6 10.7 16.1



#56
4-Nitrophenol
Concen: 118.606 ng
RT: 14.645 min Scan# 1982
Delta R.T. -0.012 min
Lab File: BM049807.D
Acq: 03 Apr 2025 15:55

Tgt Ion:139 Resp: 955679
Ion Ratio Lower Upper
139 100
109 77.0 54.7 94.7
65 97.7 76.2 116.2

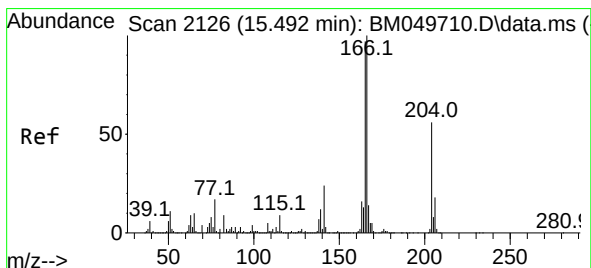
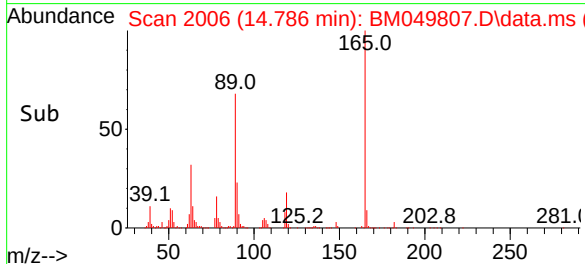
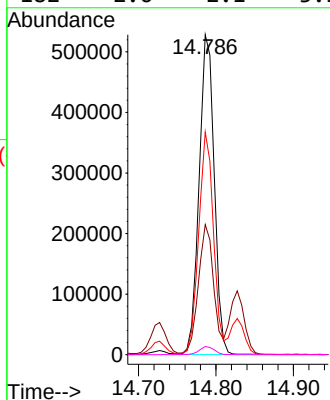
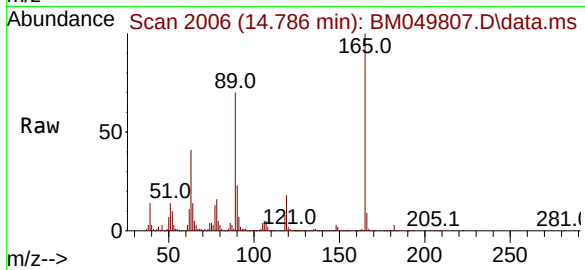




#57
2,4-Dinitrotoluene
Concen: 57.104 ng
RT: 14.786 min Scan# 20
Delta R.T. -0.018 min
Lab File: BM049807.D
Acq: 03 Apr 2025 15:55

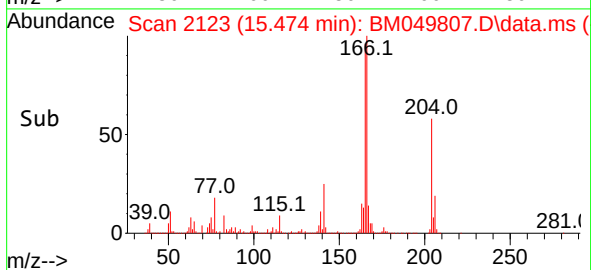
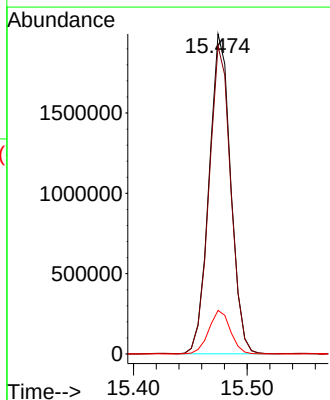
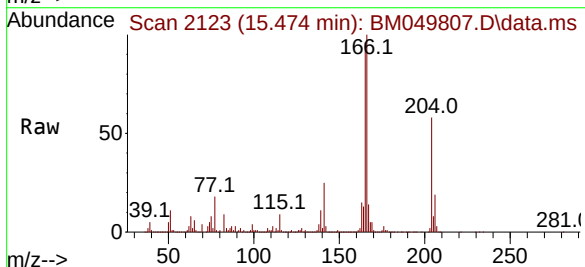
Instrument :
BNA_M
ClientSampleId :
WCS-TP-2MSD

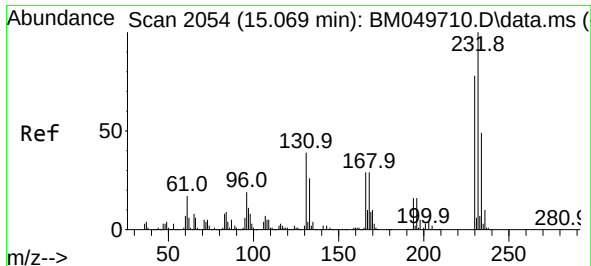
Tgt Ion:165 Resp: 714781
Ion Ratio Lower Upper
165 100
63 40.7 30.8 46.2
89 69.6 53.1 79.7
182 2.6 2.1 3.1



#58
Fluorene
Concen: 50.026 ng
RT: 15.474 min Scan# 2123
Delta R.T. -0.018 min
Lab File: BM049807.D
Acq: 03 Apr 2025 15:55

Tgt Ion:166 Resp: 2632204
Ion Ratio Lower Upper
166 100
165 96.2 77.5 116.3
167 13.6 10.9 16.3

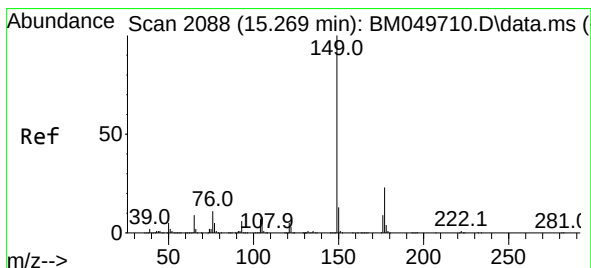
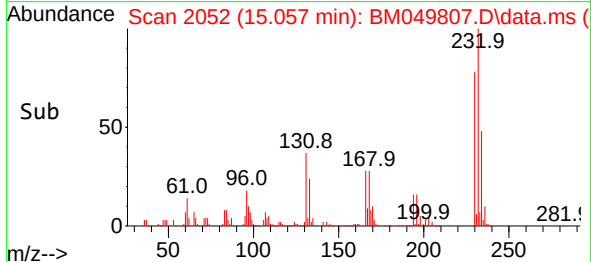
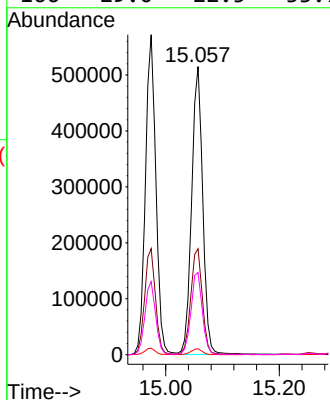
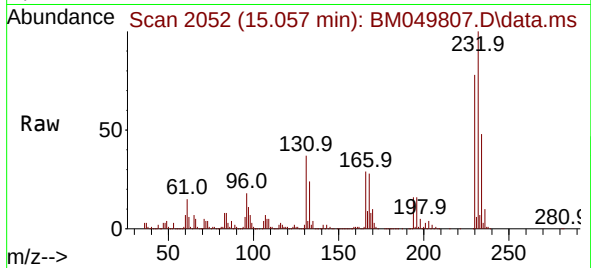




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.049 ng
RT: 15.057 min Scan# 2052
Delta R.T. -0.012 min
Lab File: BM049807.D
Acq: 03 Apr 2025 15:55

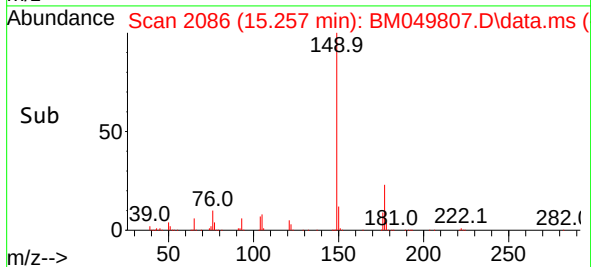
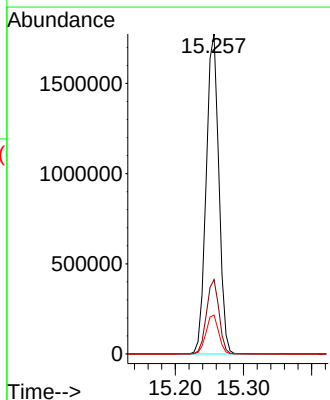
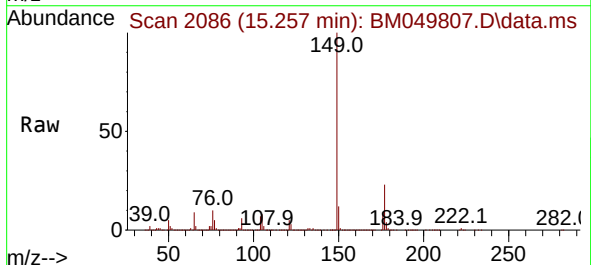
Instrument :
BNA_M
ClientSampleId :
WCS-TP-2MSD

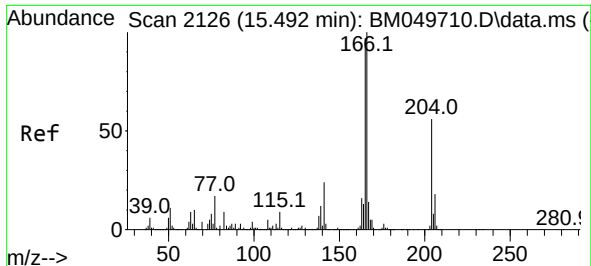
Tgt Ion:232 Resp: 702937
Ion Ratio Lower Upper
232 100
131 37.8 30.0 45.0
130 2.1 1.6 2.4
166 29.0 22.5 33.7



#60
Diethylphthalate
Concen: 50.055 ng
RT: 15.257 min Scan# 2086
Delta R.T. -0.012 min
Lab File: BM049807.D
Acq: 03 Apr 2025 15:55

Tgt Ion:149 Resp: 2288697
Ion Ratio Lower Upper
149 100
177 23.3 18.2 27.2
150 12.1 10.0 15.0

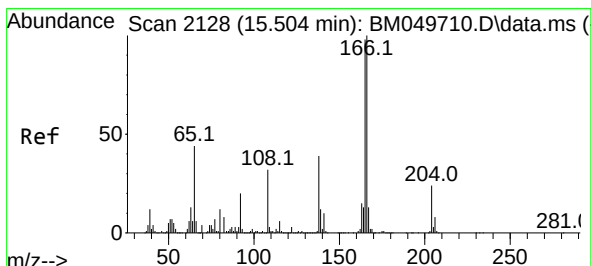
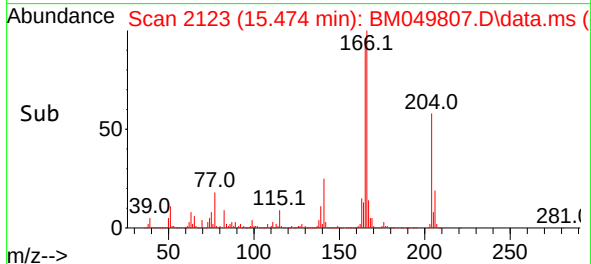
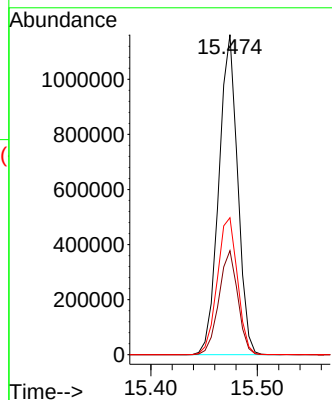
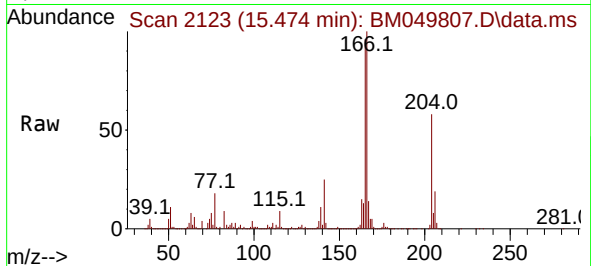




#61
4-Chlorophenyl-phenylether
Concen: 49.534 ng
RT: 15.474 min Scan# 2123
Delta R.T. -0.018 min
Lab File: BM049807.D
Acq: 03 Apr 2025 15:55

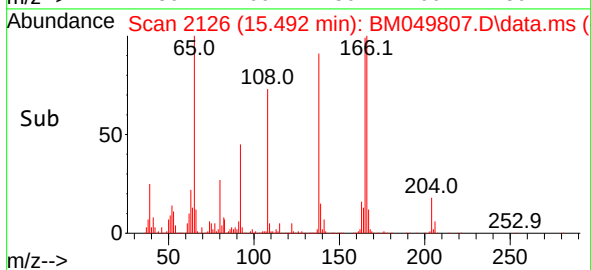
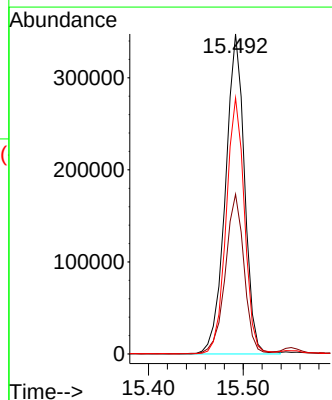
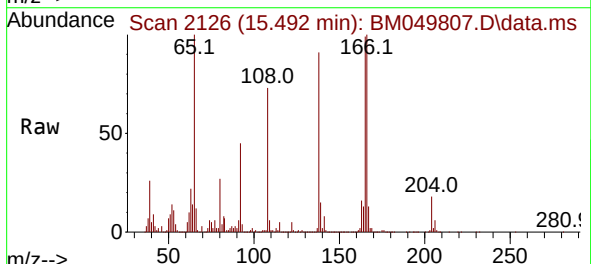
Instrument :
BNA_M
ClientSampleId :
WCS-TP-2MSD

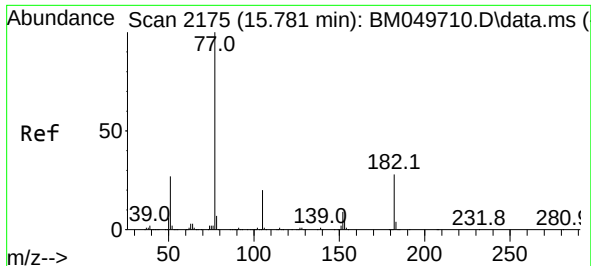
Tgt Ion:204 Resp: 1423217
Ion Ratio Lower Upper
204 100
206 32.5 25.2 37.8
141 42.8 34.5 51.7



#62
4-Nitroaniline
Concen: 44.640 ng
RT: 15.492 min Scan# 2126
Delta R.T. -0.012 min
Lab File: BM049807.D
Acq: 03 Apr 2025 15:55

Tgt Ion:138 Resp: 488508
Ion Ratio Lower Upper
138 100
92 49.9 29.8 69.8
108 80.0 61.3 101.3

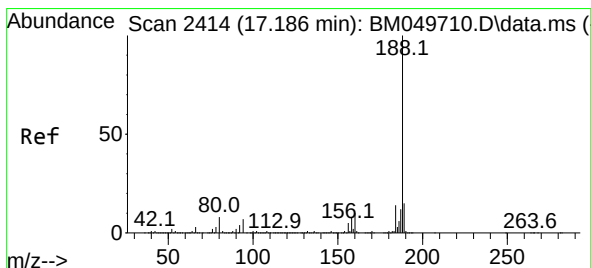
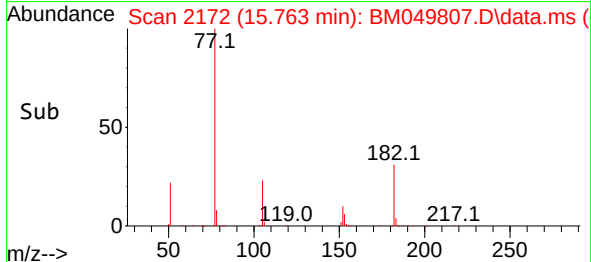
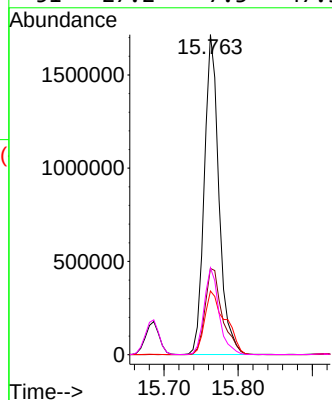
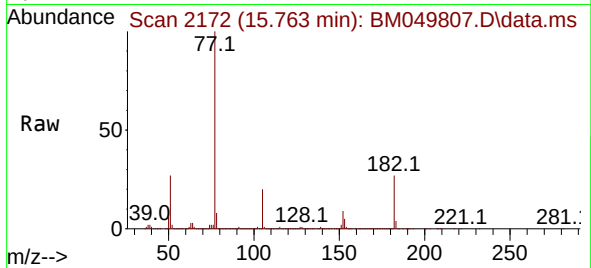




#63
Azobenzene
Concen: 53.859 ng
RT: 15.763 min Scan# 2172
Delta R.T. -0.018 min
Lab File: BM049807.D
Acq: 03 Apr 2025 15:55

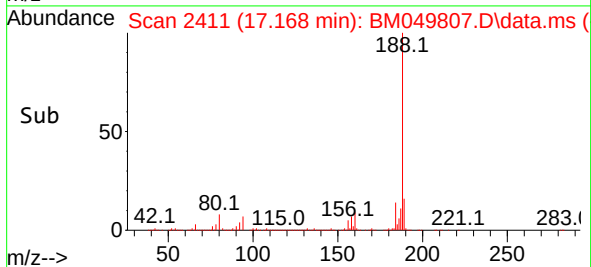
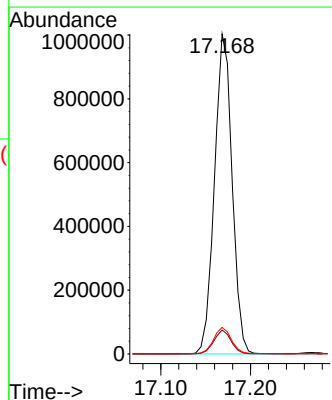
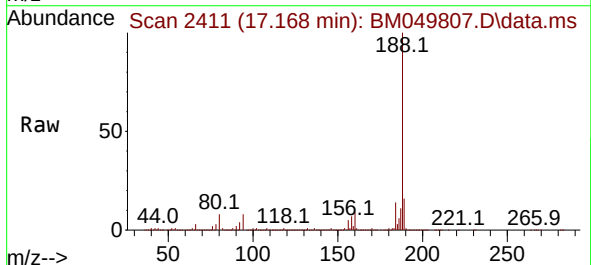
Instrument :
BNA_M
ClientSampleId :
WCS-TP-2MSD

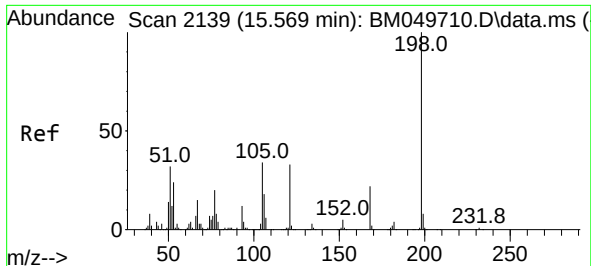
Tgt Ion: 77 Resp: 2352201
Ion Ratio Lower Upper
77 100
182 26.9 8.0 48.0
105 19.9 0.0 40.0
51 27.2 7.3 47.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.168 min Scan# 2411
Delta R.T. -0.018 min
Lab File: BM049807.D
Acq: 03 Apr 2025 15:55

Tgt Ion:188 Resp: 1367809
Ion Ratio Lower Upper
188 100
94 7.5 5.8 8.6
80 8.3 6.3 9.5

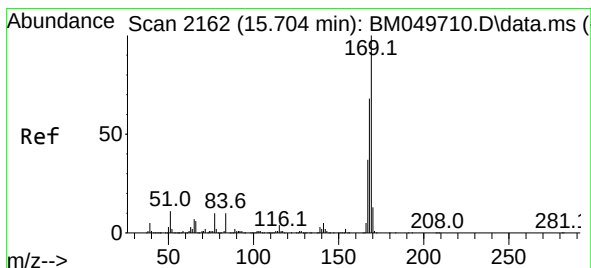
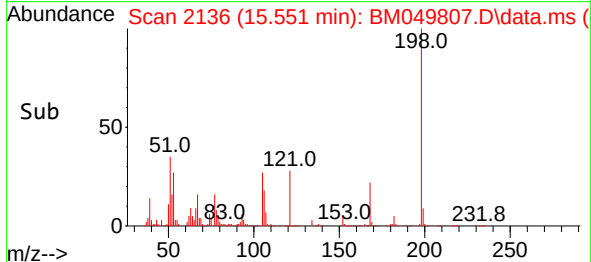
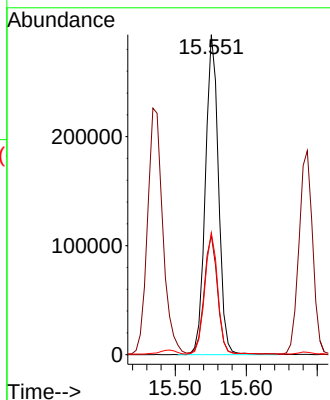
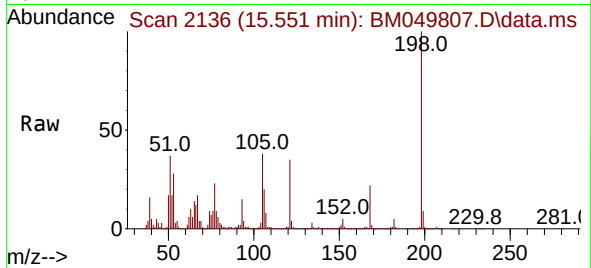




#65
4,6-Dinitro-2-methylphenol
Concen: 50.153 ng
RT: 15.551 min Scan# 2136
Delta R.T. -0.018 min
Lab File: BM049807.D
Acq: 03 Apr 2025 15:55

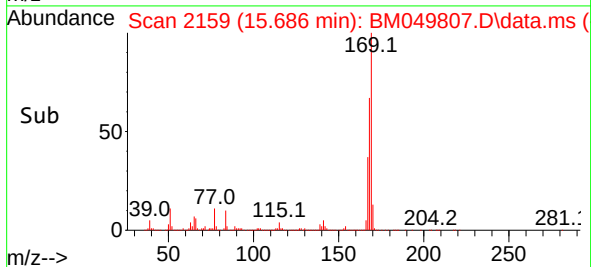
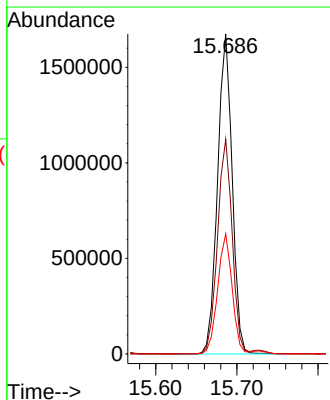
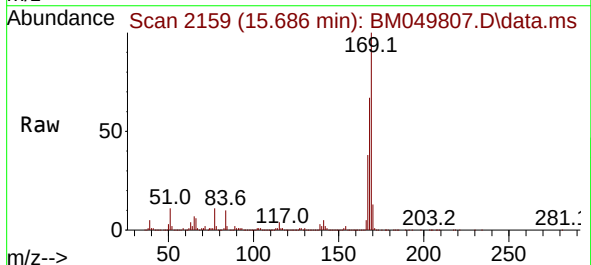
Instrument :
BNA_M
ClientSampleId :
WCS-TP-2MSD

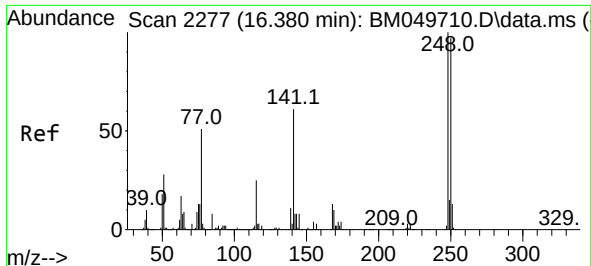
Tgt Ion:198 Resp: 377259
Ion Ratio Lower Upper
198 100
51 37.2 13.8 53.8
105 38.1 14.0 54.0



#66
n-Nitrosodiphenylamine
Concen: 50.652 ng
RT: 15.686 min Scan# 2159
Delta R.T. -0.018 min
Lab File: BM049807.D
Acq: 03 Apr 2025 15:55

Tgt Ion:169 Resp: 2099130
Ion Ratio Lower Upper
169 100
168 67.1 54.8 82.2
167 37.5 29.9 44.9

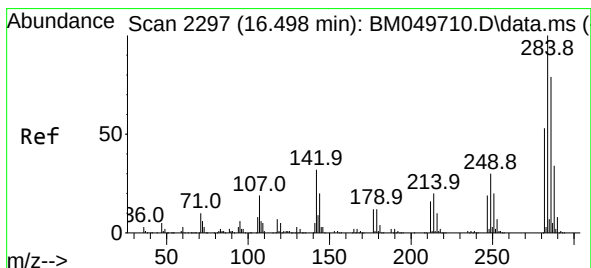
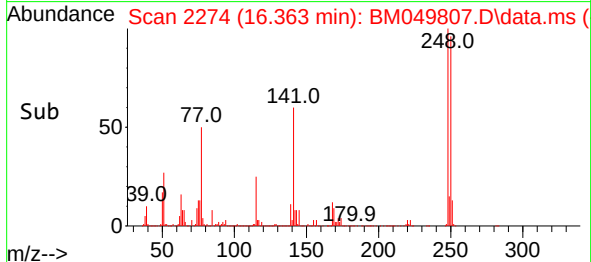
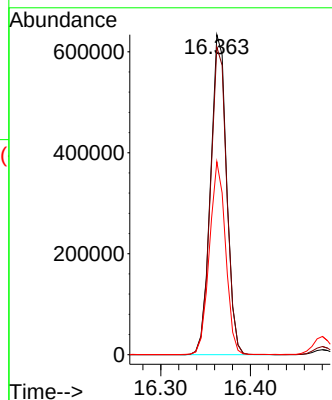
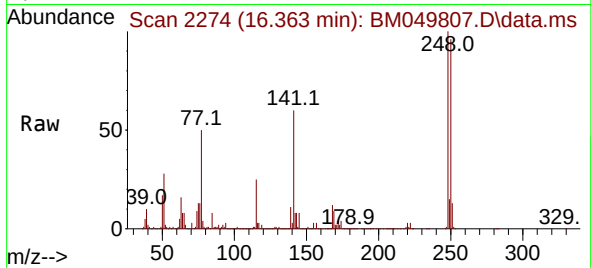




#67
4-Bromophenyl-phenylether
Concen: 49.992 ng
RT: 16.363 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM049807.D
Acq: 03 Apr 2025 15:55

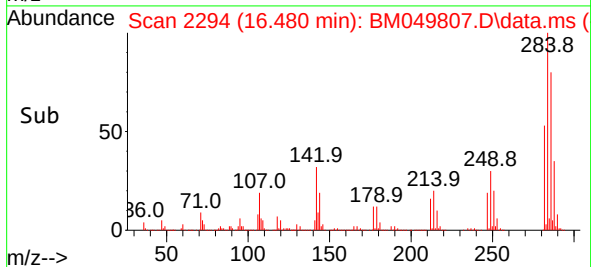
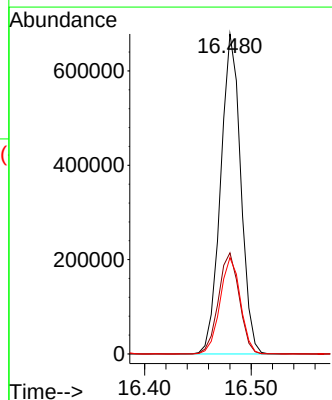
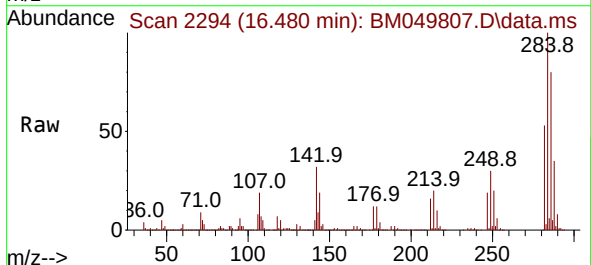
Instrument :
BNA_M
ClientSampleId :
WCS-TP-2MSD

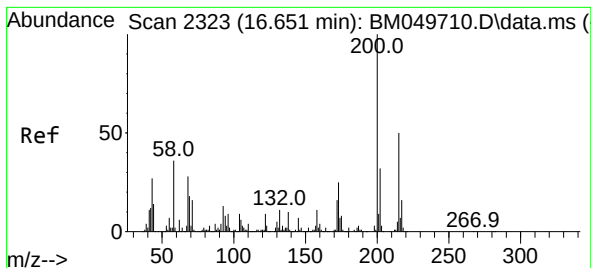
Tgt Ion:248 Resp: 789491
Ion Ratio Lower Upper
248 100
250 96.2 77.9 116.9
141 60.3 48.6 73.0



#68
Hexachlorobenzene
Concen: 50.002 ng
RT: 16.480 min Scan# 2294
Delta R.T. -0.018 min
Lab File: BM049807.D
Acq: 03 Apr 2025 15:55

Tgt Ion:284 Resp: 887966
Ion Ratio Lower Upper
284 100
142 31.6 25.5 38.3
249 30.1 24.2 36.2





#69

Atrazine

Concen: 81.414 ng

RT: 16.639 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM049807.D

Acq: 03 Apr 2025 15:55

Instrument :

BNA_M

ClientSampleId :

WCS-TP-2MSD

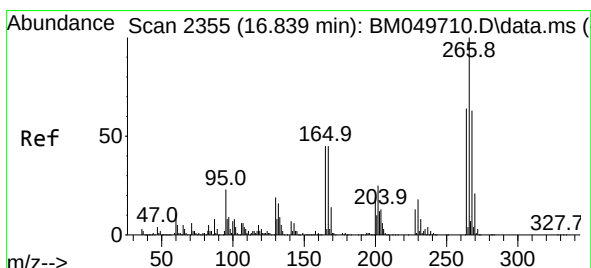
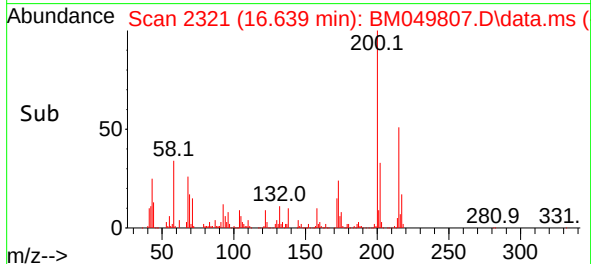
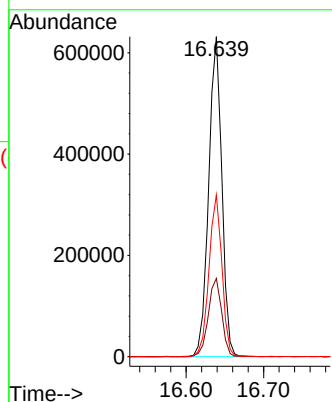
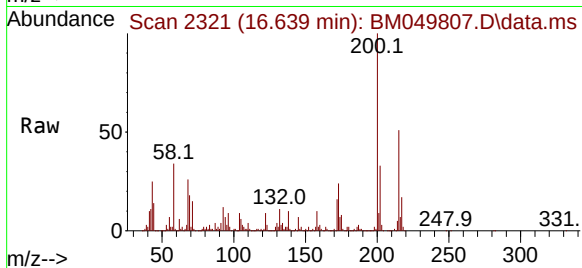
Tgt Ion:200 Resp: 743568

Ion Ratio Lower Upper

200 100

173 24.5 5.4 45.4

215 50.5 29.8 69.8



#70

Pentachlorophenol

Concen: 118.573 ng

RT: 16.821 min Scan# 2352

Delta R.T. -0.018 min

Lab File: BM049807.D

Acq: 03 Apr 2025 15:55

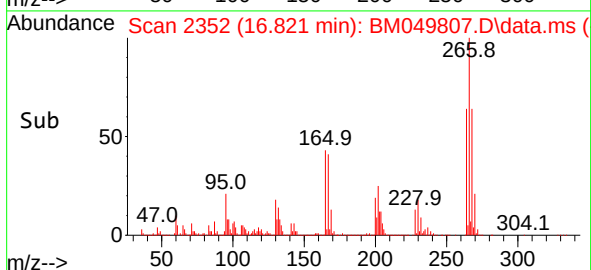
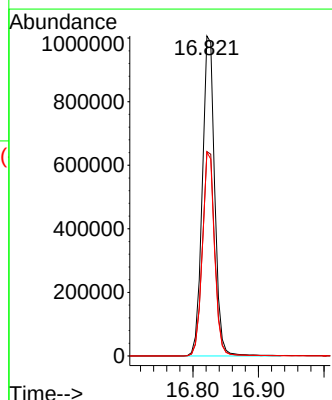
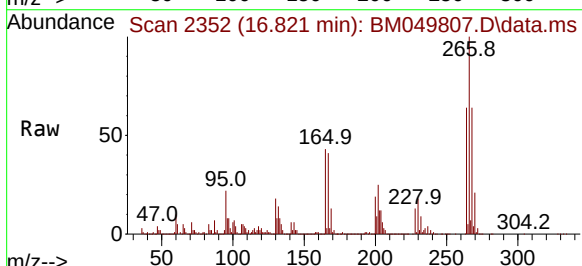
Tgt Ion:266 Resp: 1323277

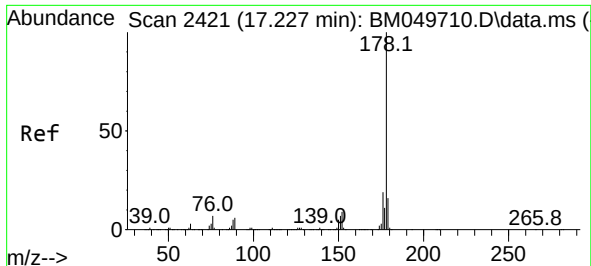
Ion Ratio Lower Upper

266 100

268 63.9 50.2 75.2

264 63.7 51.3 76.9

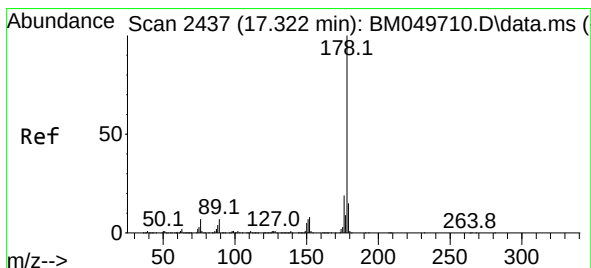
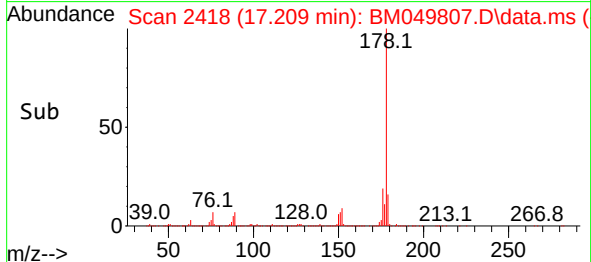
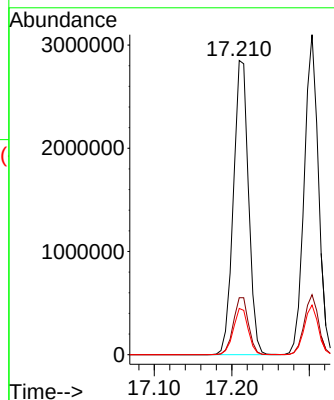
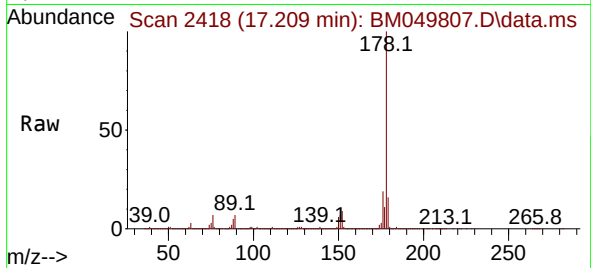




#71
Phenanthrene
Concen: 51.062 ng
RT: 17.209 min Scan# 2418
Delta R.T. -0.018 min
Lab File: BM049807.D
Acq: 03 Apr 2025 15:55

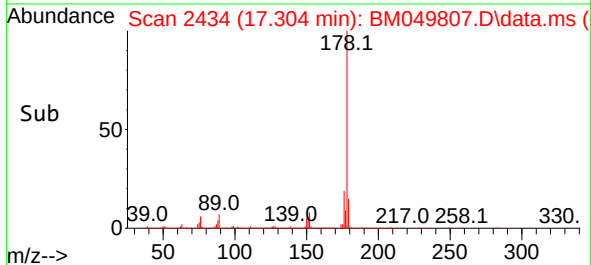
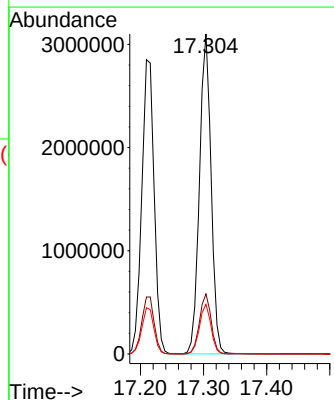
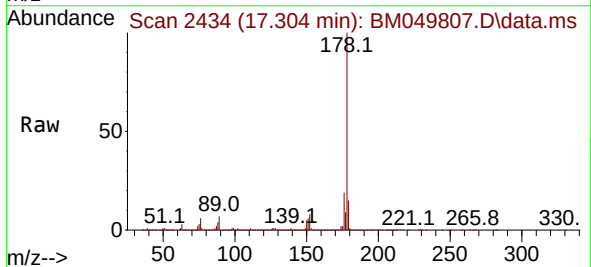
Instrument :
BNA_M
ClientSampleId :
WCS-TP-2MSD

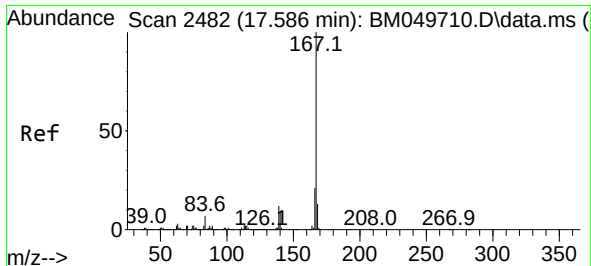
Tgt Ion:178 Resp: 3878245
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.7 12.5 18.7



#72
Anthracene
Concen: 53.746 ng
RT: 17.304 min Scan# 2434
Delta R.T. -0.018 min
Lab File: BM049807.D
Acq: 03 Apr 2025 15:55

Tgt Ion:178 Resp: 3953288
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 15.5 12.4 18.6

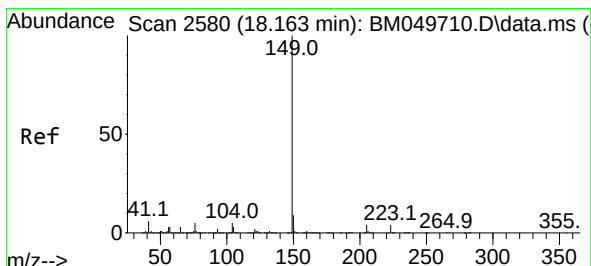
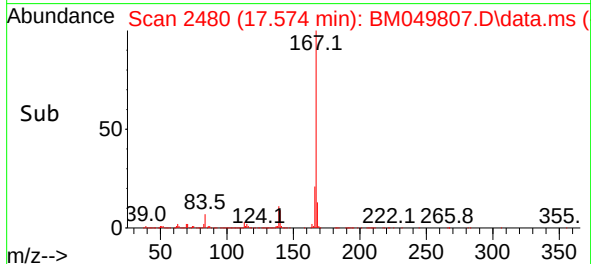
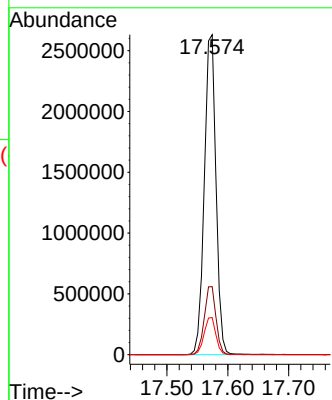
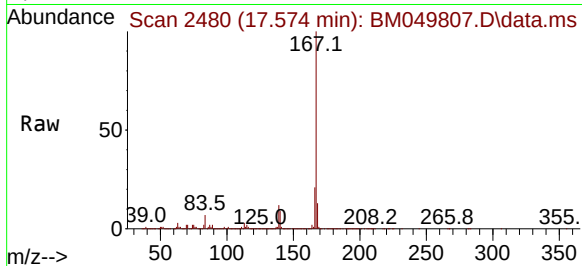




#73
 Carbazole
 Concen: 52.654 ng
 RT: 17.574 min Scan# 2480
 Delta R.T. -0.012 min
 Lab File: BM049807.D
 Acq: 03 Apr 2025 15:55

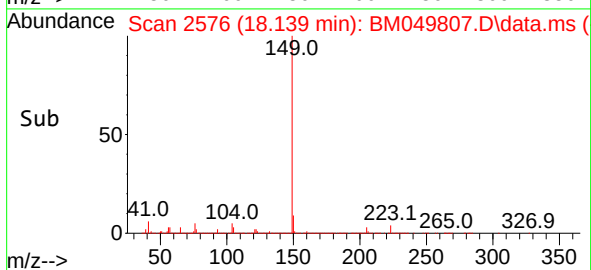
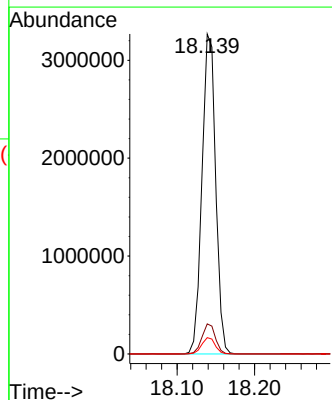
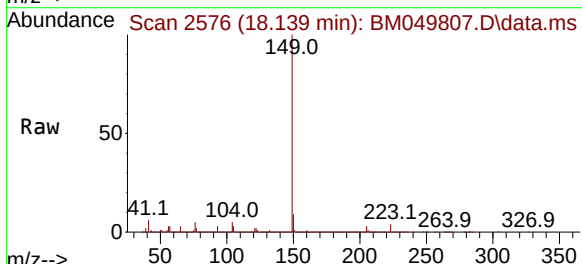
Instrument :
 BNA_M
 ClientSampleId :
 WCS-TP-2MSD

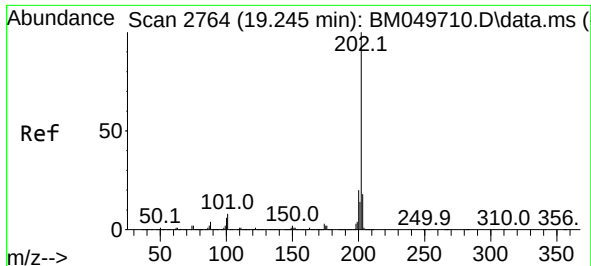
Tgt Ion:167 Resp: 3507474
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.0 25.6
 139 11.6 9.4 14.2



#74
 Di-n-butylphthalate
 Concen: 54.863 ng
 RT: 18.139 min Scan# 2576
 Delta R.T. -0.024 min
 Lab File: BM049807.D
 Acq: 03 Apr 2025 15:55

Tgt Ion:149 Resp: 4005659
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.2 10.8
 104 5.1 3.9 5.9

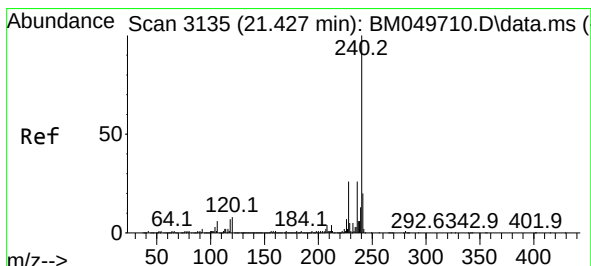
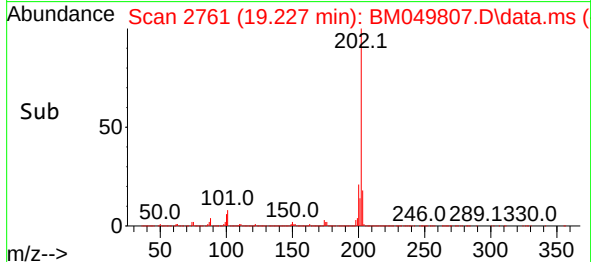
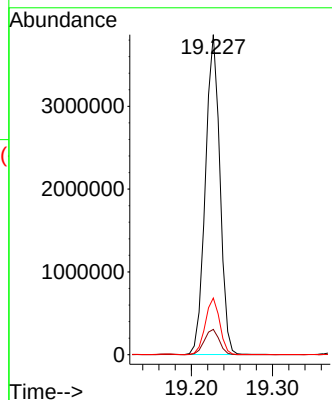
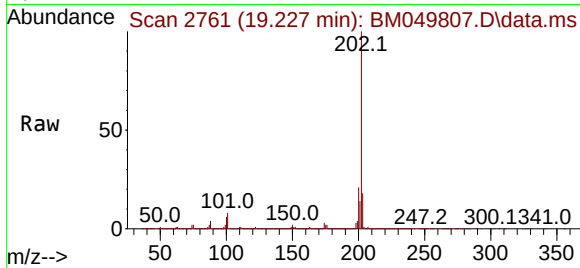




#75
 Fluoranthene
 Concen: 54.606 ng
 RT: 19.227 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BM049807.D
 Acq: 03 Apr 2025 15:55

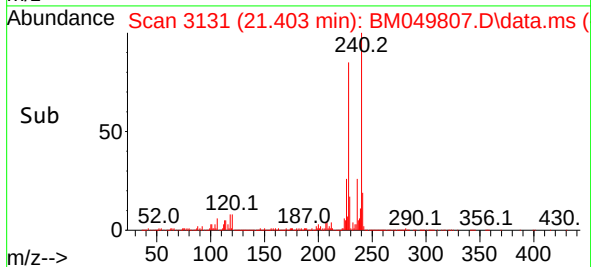
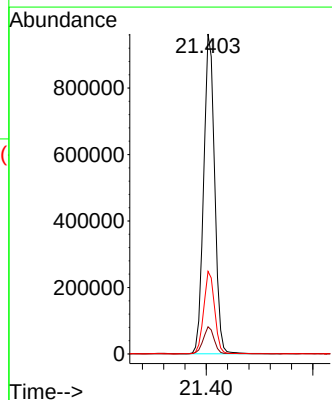
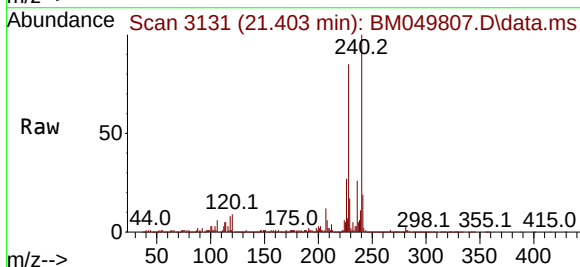
Instrument :
 BNA_M
 ClientSampleId :
 WCS-TP-2MSD

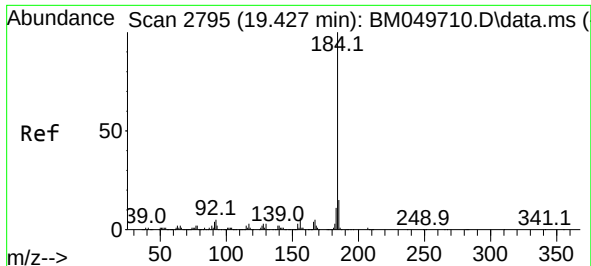
Tgt Ion:202 Resp: 4774900
 Ion Ratio Lower Upper
 202 100
 101 7.9 0.0 27.8
 203 17.7 0.0 37.6



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.403 min Scan# 3131
 Delta R.T. -0.024 min
 Lab File: BM049807.D
 Acq: 03 Apr 2025 15:55

Tgt Ion:240 Resp: 1372292
 Ion Ratio Lower Upper
 240 100
 120 8.5 6.5 9.7
 236 25.8 20.7 31.1

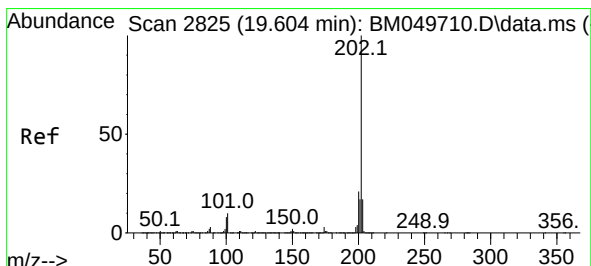
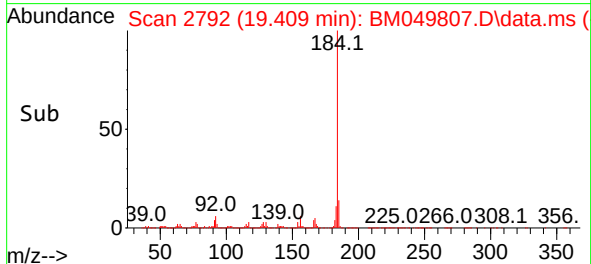
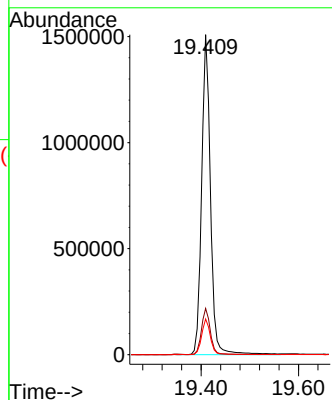
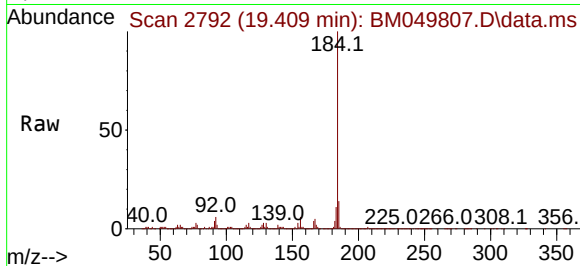




#77
Benzidine
Concen: 115.898 ng
RT: 19.409 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM049807.D
Acq: 03 Apr 2025 15:55

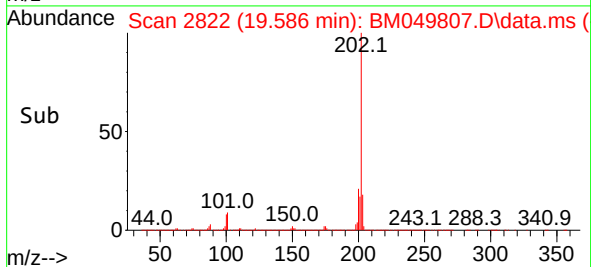
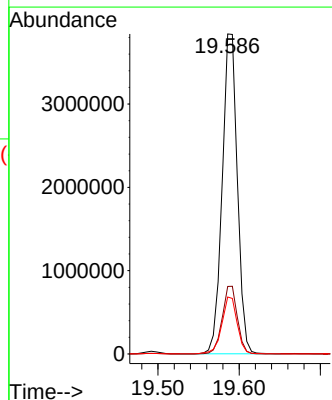
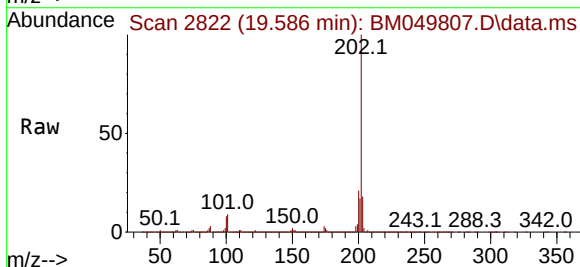
Instrument :
BNA_M
ClientSampleId :
WCS-TP-2MSD

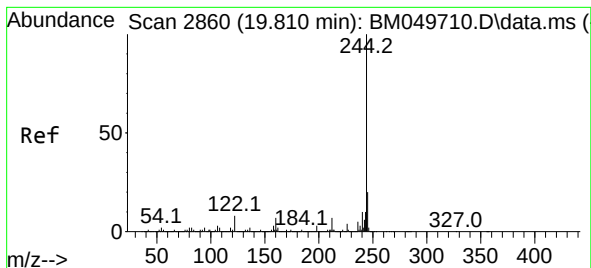
Tgt Ion:184 Resp: 1910777
Ion Ratio Lower Upper
184 100
185 14.5 11.7 17.5
183 11.2 8.8 13.2



#78
Pyrene
Concen: 52.191 ng
RT: 19.586 min Scan# 2822
Delta R.T. -0.018 min
Lab File: BM049807.D
Acq: 03 Apr 2025 15:55

Tgt Ion:202 Resp: 5003868
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.4
203 17.8 14.0 21.0





#79

Terphenyl-d14

Concen: 71.384 ng

RT: 19.792 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM049807.D

Acq: 03 Apr 2025 15:55

Instrument :

BNA_M

ClientSampleId :

WCS-TP-2MSD

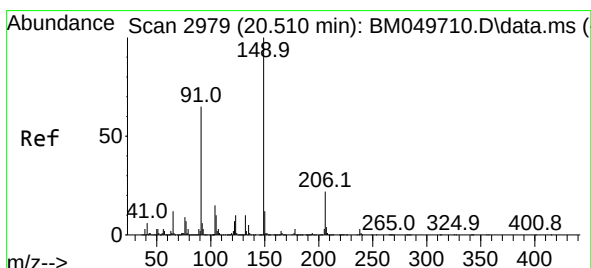
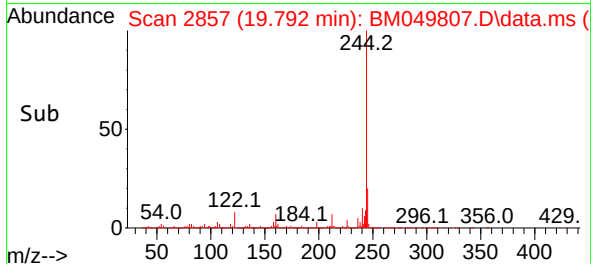
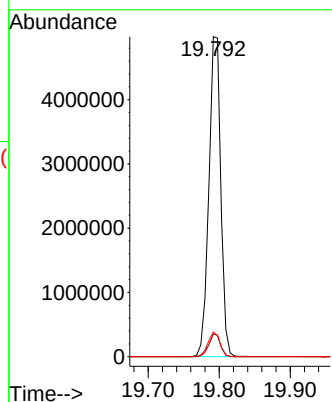
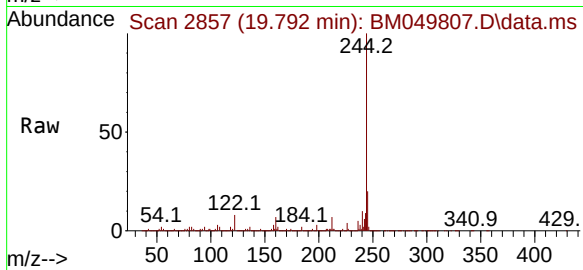
Tgt Ion:244 Resp: 5813184

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 7.7 6.0 9.0



#80

Butylbenzylphthalate

Concen: 59.271 ng

RT: 20.492 min Scan# 2976

Delta R.T. -0.018 min

Lab File: BM049807.D

Acq: 03 Apr 2025 15:55

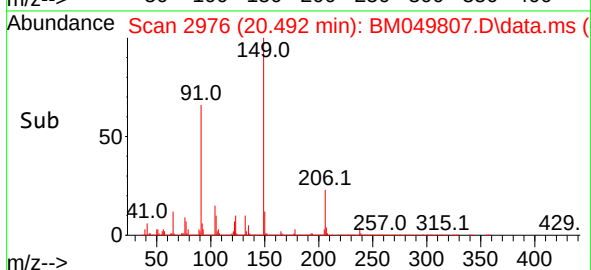
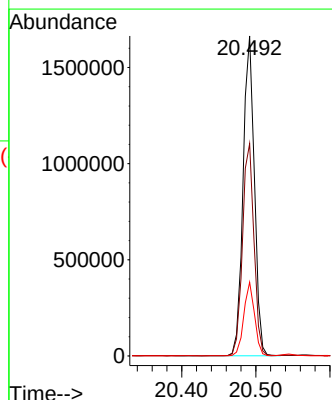
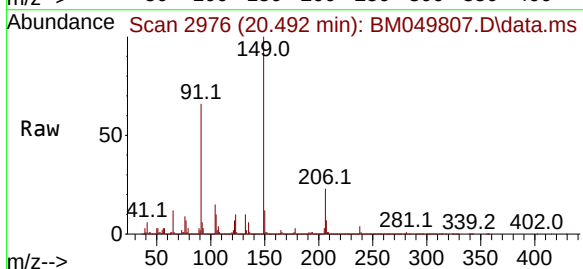
Tgt Ion:149 Resp: 1763541

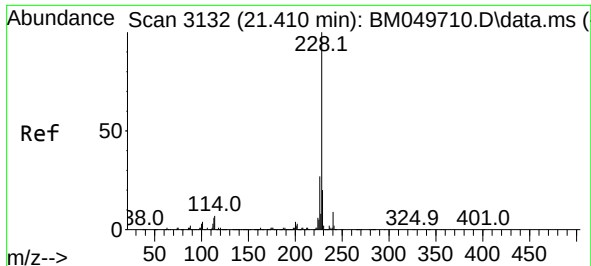
Ion Ratio Lower Upper

149 100

91 66.4 52.2 78.4

206 23.0 17.6 26.4

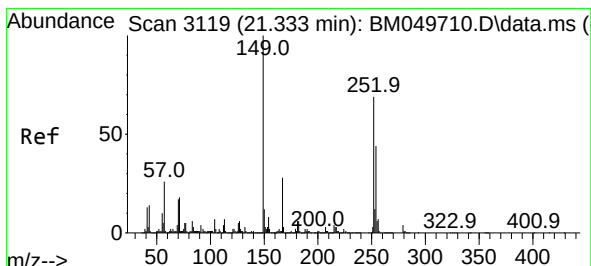
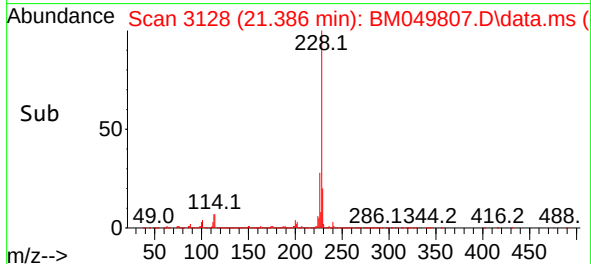
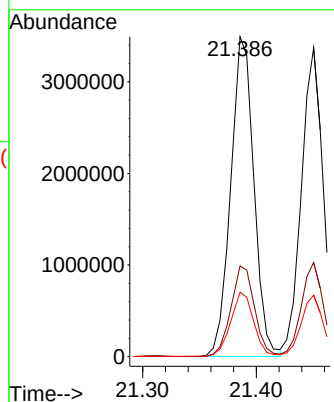
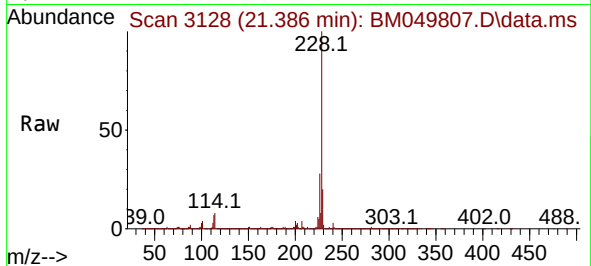




#81
Benzo(a)anthracene
Concen: 53.995 ng
RT: 21.386 min Scan# 3112
Delta R.T. -0.024 min
Lab File: BM049807.D
Acq: 03 Apr 2025 15:55

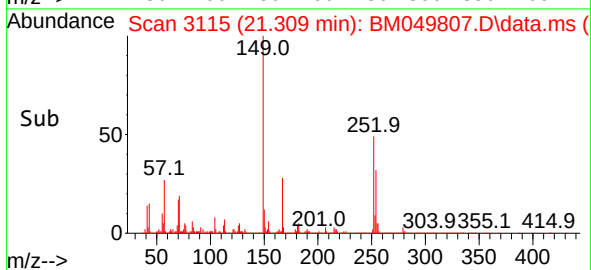
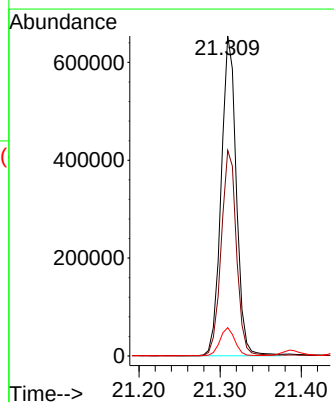
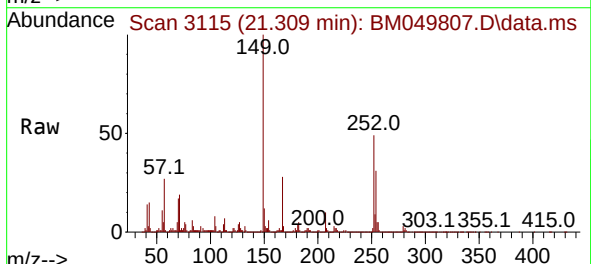
Instrument :
BNA_M
ClientSampleId :
WCS-TP-2MSD

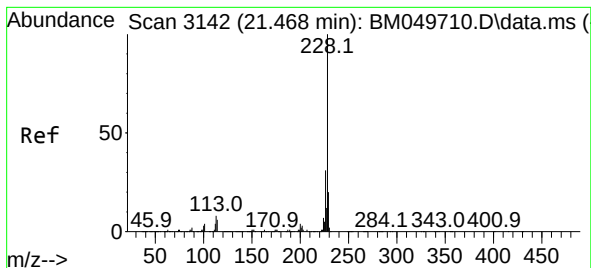
Tgt Ion:228 Resp: 4949181
Ion Ratio Lower Upper
228 100
226 28.4 22.0 33.0
229 20.2 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 28.442 ng
RT: 21.309 min Scan# 3115
Delta R.T. -0.024 min
Lab File: BM049807.D
Acq: 03 Apr 2025 15:55

Tgt Ion:252 Resp: 848789
Ion Ratio Lower Upper
252 100
254 64.3 51.0 76.4
126 8.9 6.3 9.5





#83

Chrysene

Concen: 51.714 ng

RT: 21.450 min Scan# 3116

Delta R.T. -0.018 min

Lab File: BM049807.D

Acq: 03 Apr 2025 15:55

Instrument :

BNA_M

ClientSampleId :

WCS-TP-2MSD

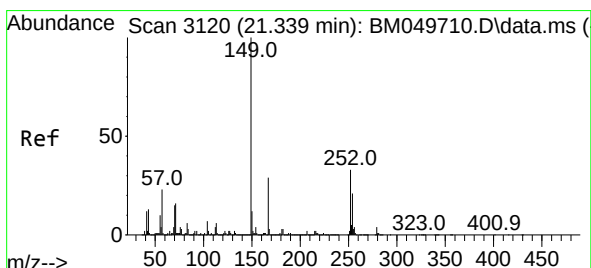
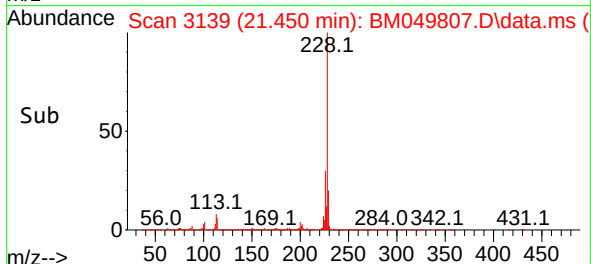
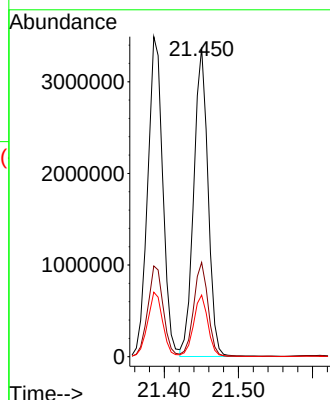
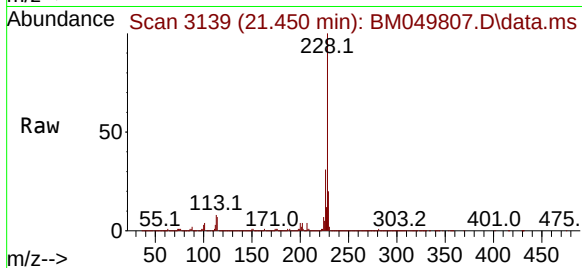
Tgt Ion:228 Resp: 4493337

Ion Ratio Lower Upper

228 100

226 30.5 24.5 36.7

229 19.9 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.531 ng

RT: 21.315 min Scan# 3116

Delta R.T. -0.024 min

Lab File: BM049807.D

Acq: 03 Apr 2025 15:55

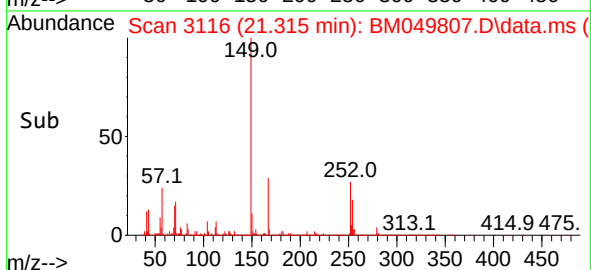
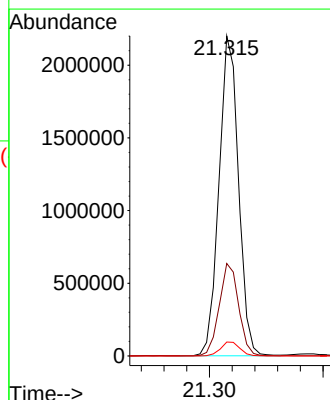
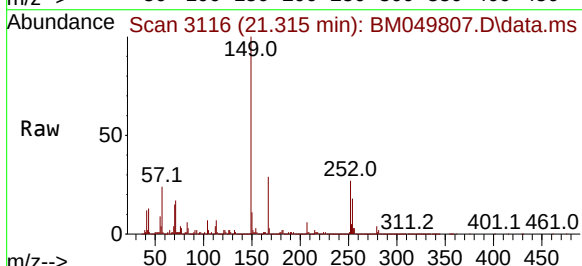
Tgt Ion:149 Resp: 2621364

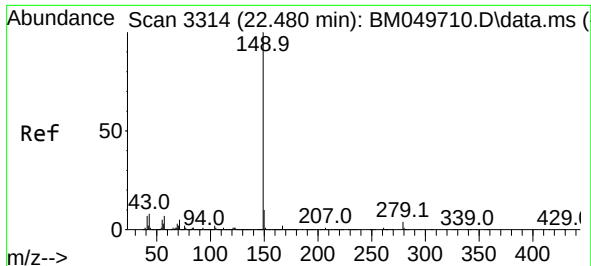
Ion Ratio Lower Upper

149 100

167 28.9 22.9 34.3

279 4.4 3.5 5.3

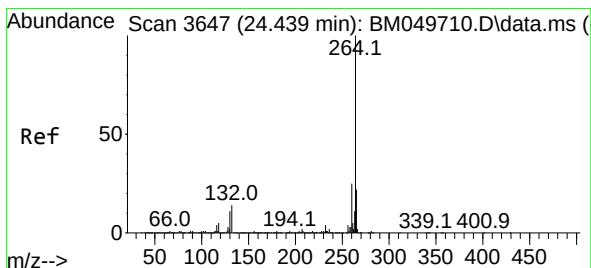
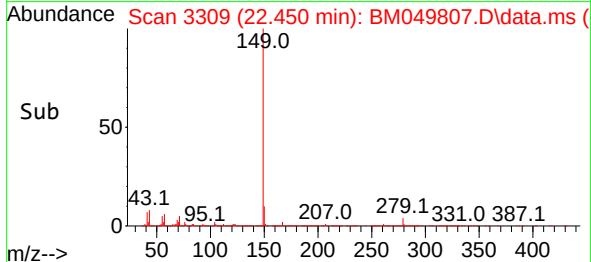
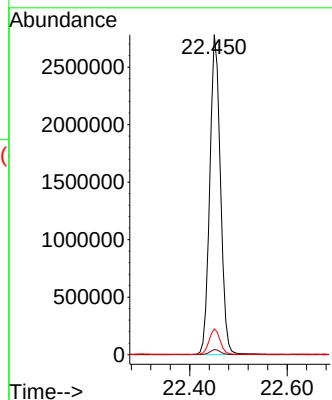
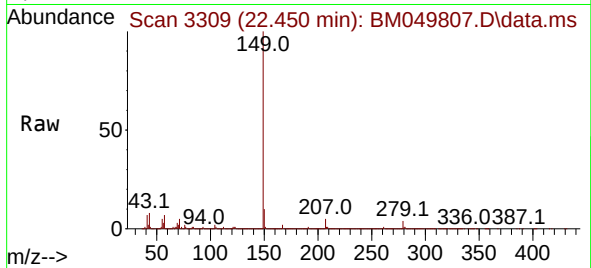




#85
Di-n-octyl phthalate
Concen: 58.295 ng
RT: 22.450 min Scan# 31
Delta R.T. -0.030 min
Lab File: BM049807.D
Acq: 03 Apr 2025 15:55

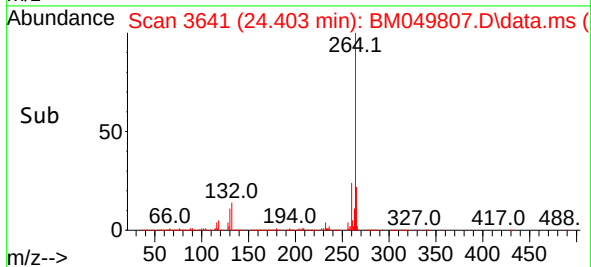
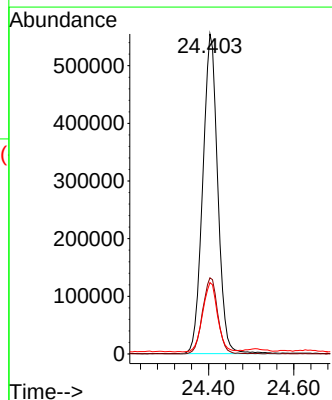
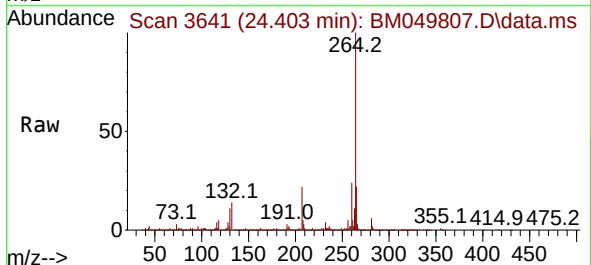
Instrument :
BNA_M
ClientSampleId :
WCS-TP-2MSD

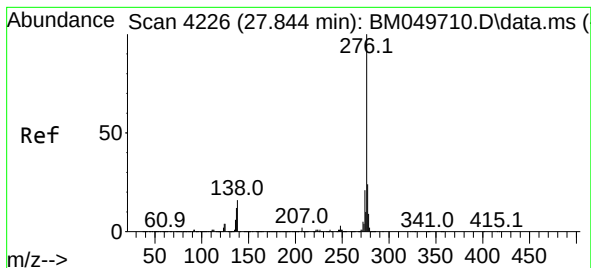
Tgt Ion:149 Resp: 4201481
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.1 6.8 10.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.403 min Scan# 3641
Delta R.T. -0.036 min
Lab File: BM049807.D
Acq: 03 Apr 2025 15:55

Tgt Ion:264 Resp: 1353959
Ion Ratio Lower Upper
264 100
260 23.8 19.6 29.4
265 22.3 18.2 27.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 56.387 ng

RT: 27.797 min Scan# 41

Delta R.T. -0.047 min

Lab File: BM049807.D

Acq: 03 Apr 2025 15:55

Instrument :

BNA_M

ClientSampleId :

WCS-TP-2MSD

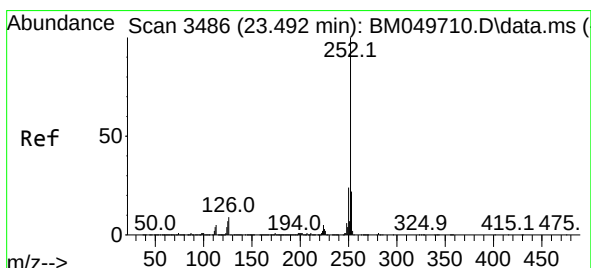
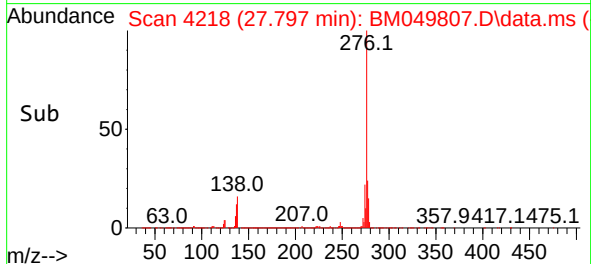
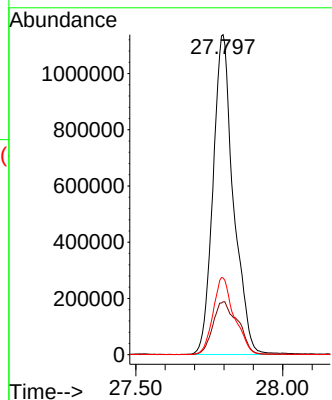
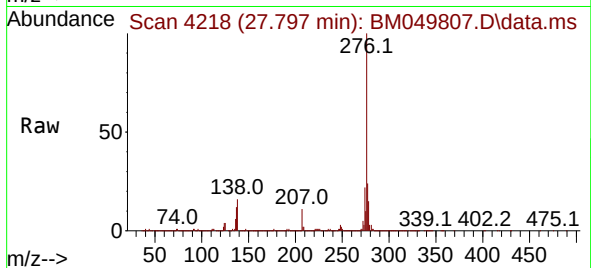
Tgt Ion:276 Resp: 5494987

Ion Ratio Lower Upper

276 100

138 20.3 16.3 24.5

277 25.1 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 51.629 ng

RT: 23.462 min Scan# 3481

Delta R.T. -0.030 min

Lab File: BM049807.D

Acq: 03 Apr 2025 15:55

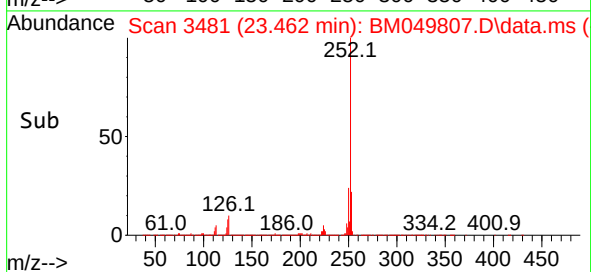
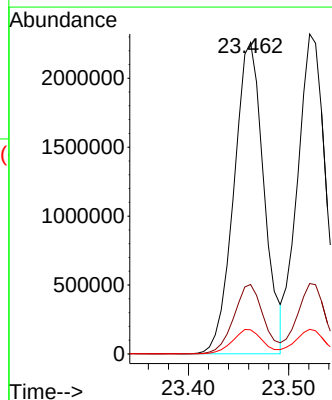
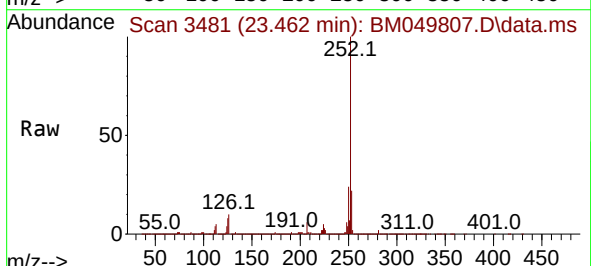
Tgt Ion:252 Resp: 4708290

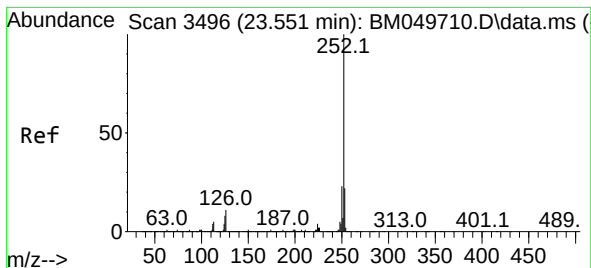
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 7.8 5.9 8.9





#89

Benzo(k)fluoranthene

Concen: 50.351 ng

RT: 23.521 min Scan# 34

Delta R.T. -0.030 min

Lab File: BM049807.D

Acq: 03 Apr 2025 15:55

Instrument :

BNA_M

ClientSampleId :

WCS-TP-2MSD

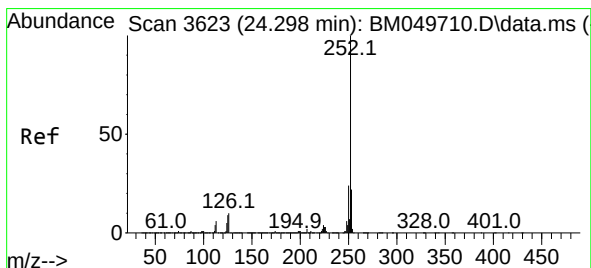
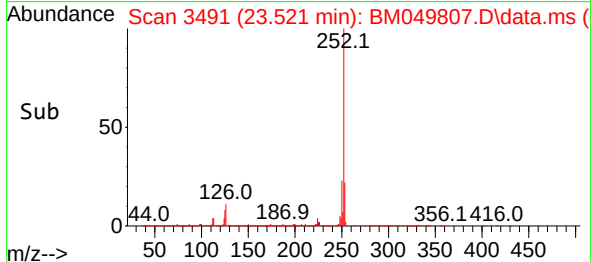
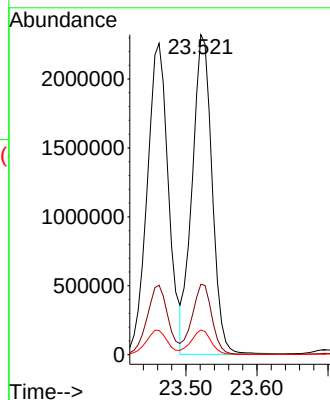
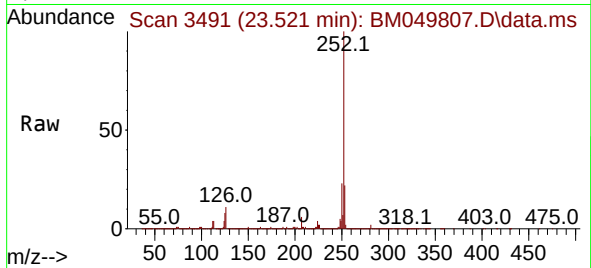
Tgt Ion:252 Resp: 4518211

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 7.7 6.2 9.2



#90

Benzo(a)pyrene

Concen: 59.419 ng

RT: 24.268 min Scan# 3618

Delta R.T. -0.030 min

Lab File: BM049807.D

Acq: 03 Apr 2025 15:55

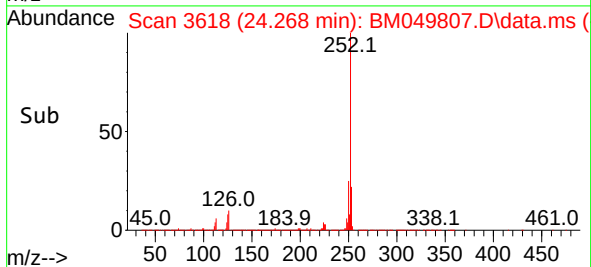
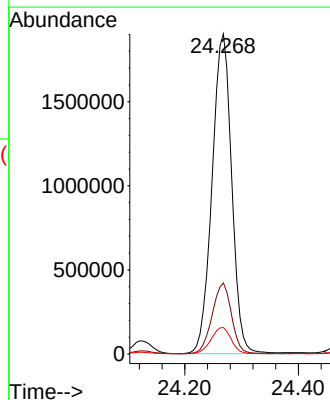
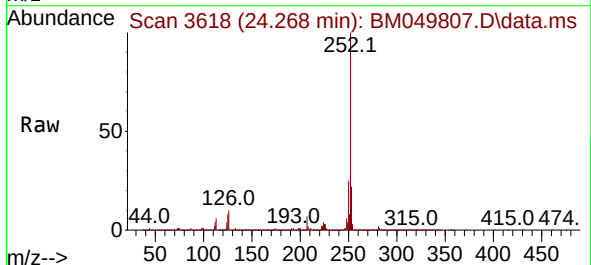
Tgt Ion:252 Resp: 4551458

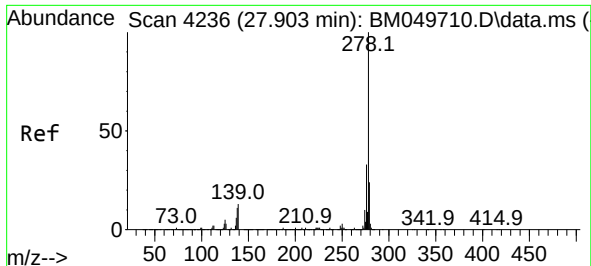
Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

125 8.3 7.0 10.6

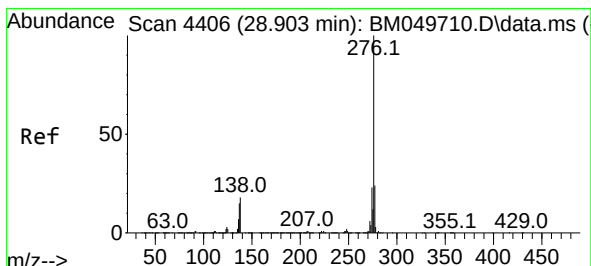
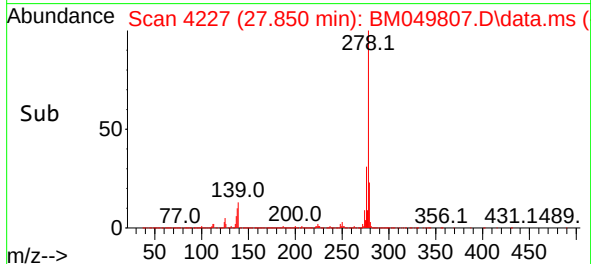
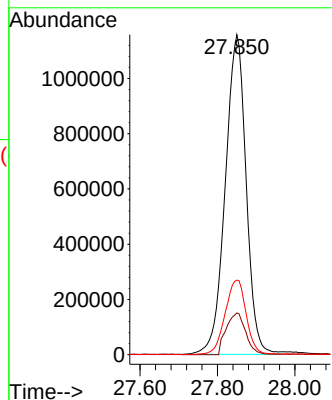
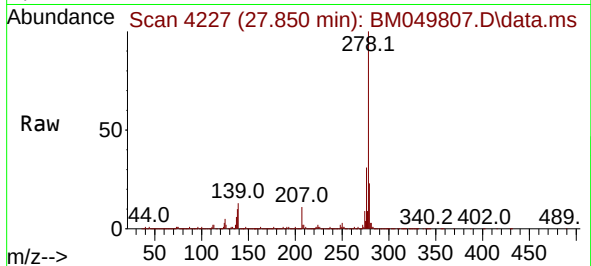




#91
Dibenzo(a,h)anthracene
Concen: 53.370 ng
RT: 27.850 min Scan# 41
Delta R.T. -0.053 min
Lab File: BM049807.D
Acq: 03 Apr 2025 15:55

Instrument :
BNA_M
ClientSampleId :
WCS-TP-2MSD

Tgt Ion:278 Resp: 4333221
Ion Ratio Lower Upper
278 100
139 13.1 10.1 15.1
279 23.3 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 52.834 ng
RT: 28.844 min Scan# 4396
Delta R.T. -0.059 min
Lab File: BM049807.D
Acq: 03 Apr 2025 15:55

Tgt Ion:276 Resp: 4320941
Ion Ratio Lower Upper
276 100
277 24.0 18.8 28.2
138 17.4 14.0 21.0

