

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040425\
 Data File : BM049822.D
 Acq On : 04 Apr 2025 14:04
 Operator : RC/JU
 Sample : Q1694-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-18MS

Quant Time: Apr 04 14:47:46 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:55:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.786	152	258657	20.000	ng	-0.02
21) Naphthalene-d8	10.580	136	925848	20.000	ng	-0.02
39) Acenaphthene-d10	14.427	164	615156	20.000	ng	-0.02
64) Phenanthrene-d10	17.168	188	1270321	20.000	ng	-0.02
76) Chrysene-d12	21.409	240	1433254	20.000	ng	-0.02
86) Perylene-d12	24.409	264	1441625	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1966894	128.309	ng	-0.02
7) Phenol-d6	6.963	99	2517108	130.843	ng	-0.02
23) Nitrobenzene-d5	8.939	82	1412428	78.324	ng	-0.02
42) 2,4,6-Tribromophenol	15.915	330	1218062	169.571	ng	-0.02
45) 2-Fluorobiphenyl	13.051	172	3713115	75.594	ng	-0.02
79) Terphenyl-d14	19.792	244	6946402	81.671	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.269	88	312345	47.068	ng	95
3) Pyridine	3.669	79	864380	51.003	ng	98
4) n-Nitrosodimethylamine	3.575	42	356064	47.483	ng	89
6) Aniline	7.110	93	1146835	71.157	ng	97
8) 2-Chlorophenol	7.351	128	922525	60.771	ng	98
9) Benzaldehyde	6.922	77	529446	55.671	ng	95
10) Phenol	6.986	94	1155813	61.962	ng	93
11) bis(2-Chloroethyl)ether	7.210	93	841986	55.741	ng	97
12) 1,3-Dichlorobenzene	7.675	146	1022361	55.418	ng	98
13) 1,4-Dichlorobenzene	7.822	146	1037583	55.750	ng	99
14) 1,2-Dichlorobenzene	8.139	146	997894	56.418	ng	98
15) Benzyl Alcohol	8.028	79	762308	63.144	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.316	45	973801	54.851	ng	98
17) 2-Methylphenol	8.233	107	733627	66.244	ng	97
18) Hexachloroethane	8.869	117	357551	54.402	ng	92
19) n-Nitroso-di-n-propyla...	8.592	70	638798	57.265	ng	97
20) 3+4-Methylphenols	8.563	107	990950	66.770	ng	98
22) Acetophenone	8.604	105	1276254	53.462	ng	# 97
24) Nitrobenzene	8.986	77	908876	53.451	ng	94
25) Isophorone	9.516	82	1730883	62.516	ng	98
26) 2-Nitrophenol	9.698	139	482584	66.681	ng	94
27) 2,4-Dimethylphenol	9.763	122	790897	85.854	ng	95
28) bis(2-Chloroethoxy)met...	9.992	93	1090984	55.946	ng	99
29) 2,4-Dichlorophenol	10.233	162	925120	61.630	ng	98
30) 1,2,4-Trichlorobenzene	10.445	180	1013091	53.943	ng	100
31) Naphthalene	10.633	128	2593610	54.479	ng	100
32) Benzoic acid	9.898	122	619733	79.103	ng	97
33) 4-Chloroaniline	10.739	127	703018	43.269	ng	98
34) Hexachlorobutadiene	10.922	225	617267	53.240	ng	99
35) Caprolactam	11.521	113	276083	79.219	ng	91
36) 4-Chloro-3-methylphenol	11.874	107	845912	65.667	ng	98
37) 2-Methylnaphthalene	12.245	142	1735698	52.140	ng	99
38) 1-Methylnaphthalene	12.468	142	1824784	56.815	ng	99
40) 1,2,4,5-Tetrachloroben...	12.616	216	1174176	51.964	ng	99
41) Hexachlorocyclopentadiene	12.604	237	1536993	183.608	ng	98
43) 2,4,6-Trichlorophenol	12.857	196	785627	62.079	ng	98

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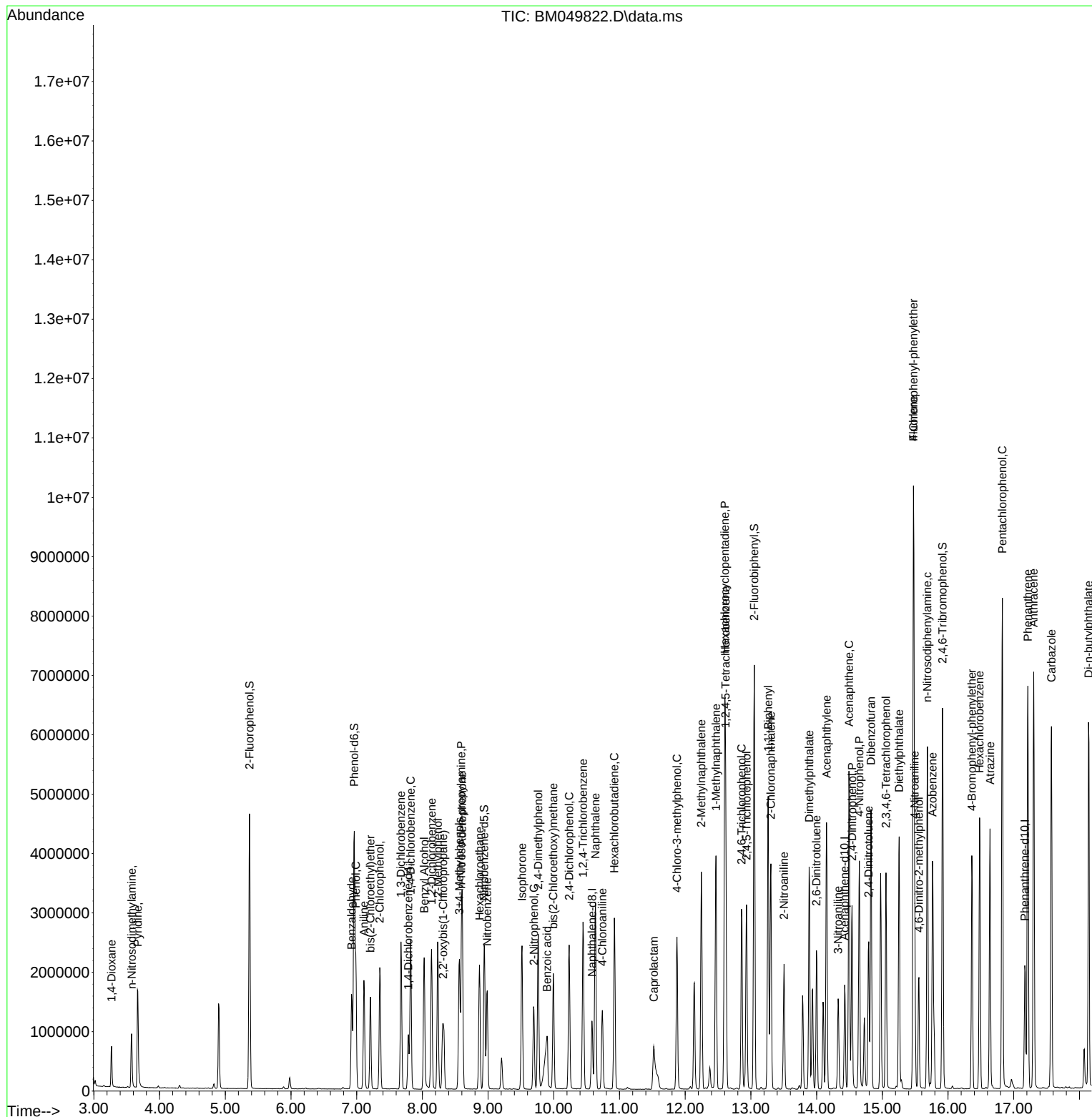
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	857090	62.063	ng	98
46) 1,1'-Biphenyl	13.263	154	2555863	53.909	ng	99
47) 2-Chloronaphthalene	13.304	162	2025871	54.897	ng	100
48) 2-Nitroaniline	13.504	65	523464	63.188	ng	94
49) Acenaphthylene	14.151	152	3219220	62.409	ng	100
50) Dimethylphthalate	13.886	163	2525092	59.620	ng	100
51) 2,6-Dinitrotoluene	13.998	165	539942	63.625	ng	94
52) Acenaphthene	14.492	154	1905929	56.330	ng	98
53) 3-Nitroaniline	14.327	138	406842	50.379	ng	98
54) 2,4-Dinitrophenol	14.539	184	724794	114.154	ng	90
55) Dibenzofuran	14.827	168	3087250	54.758	ng	99
56) 4-Nitrophenol	14.651	139	1049567	149.310	ng	89
57) 2,4-Dinitrotoluene	14.792	165	780259	71.453	ng	92
58) Fluorene	15.474	166	2621466	57.109	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.057	232	743698	64.334	ng	98
60) Diethylphthalate	15.257	149	2429368	60.903	ng	98
61) 4-Chlorophenyl-phenyle...	15.474	204	1403445	55.990	ng	98
62) 4-Nitroaniline	15.492	138	577469	59.154	ng	92
63) Azobenzene	15.762	77	2329851	61.149	ng	97
65) 4,6-Dinitro-2-methylph...	15.557	198	464417	62.160	ng	97
66) n-Nitrosodiphenylamine	15.686	169	2215938	57.575	ng	99
67) 4-Bromophenyl-phenylether	16.362	248	829647	56.567	ng	100
68) Hexachlorobenzene	16.480	284	952565	57.756	ng	98
69) Atrazine	16.639	200	833909	98.313	ng	100
70) Pentachlorophenol	16.827	266	1459951	140.859	ng	99
71) Phenanthrene	17.215	178	4134673	58.616	ng	100
72) Anthracene	17.303	178	4213859	61.685	ng	99
73) Carbazole	17.574	167	3937085	63.638	ng	100
74) Di-n-butylphthalate	18.139	149	4543545	67.006	ng	99
75) Fluoranthene	19.227	202	5244692	64.582	ng	99
77) Benzidine	19.409	184	2909137	168.948	ng	100
78) Pyrene	19.592	202	5445406	54.380	ng	100
80) Butylbenzylphthalate	20.491	149	2197359	70.710	ng	97
81) Benzo(a)anthracene	21.391	228	5796225	60.546	ng	100
82) 3,3'-Dichlorobenzidine	21.309	252	1392840	44.688	ng	100
83) Chrysene	21.450	228	5369325	59.167	ng	100
84) Bis(2-ethylhexyl)phtha...	21.315	149	3359130	69.360	ng	97
85) Di-n-octyl phthalate	22.450	149	5866373	77.934	ng	97
87) Indeno(1,2,3-cd)pyrene	27.803	276	6526115	62.895	ng	99
88) Benzo(b)fluoranthene	23.462	252	5465773	56.291	ng	99
89) Benzo(k)fluoranthene	23.527	252	5591655	58.525	ng	99
90) Benzo(a)pyrene	24.268	252	5246354	64.326	ng	99
91) Dibenzo(a,h)anthracene	27.856	278	5378521	62.216	ng	100
92) Benzo(g,h,i)perylene	28.862	276	5154865	59.198	ng	100

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

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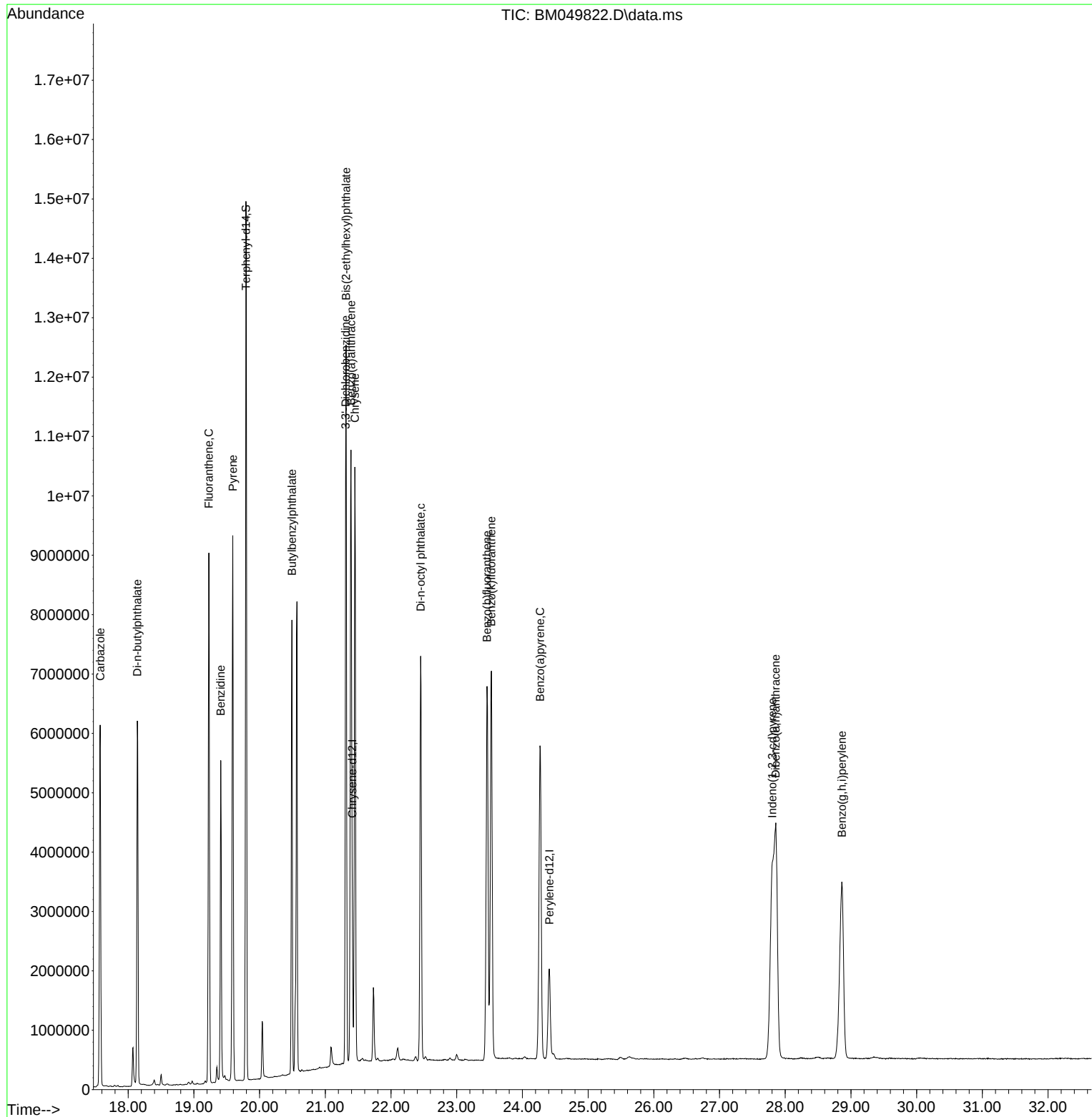
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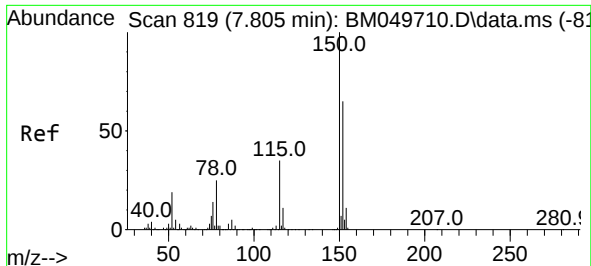


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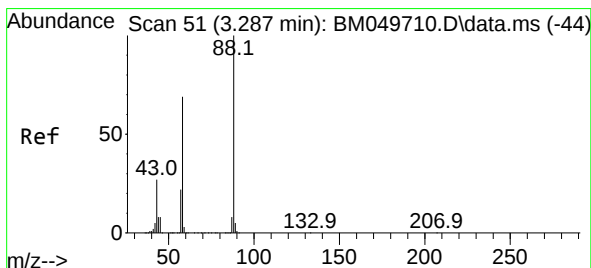
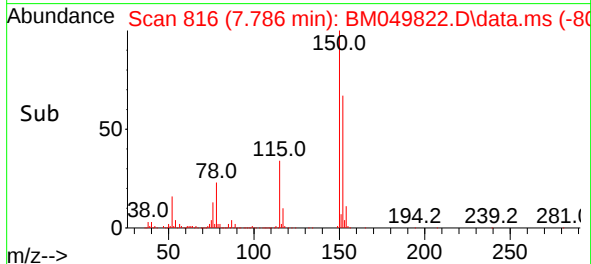
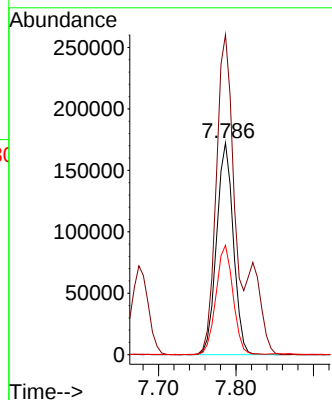
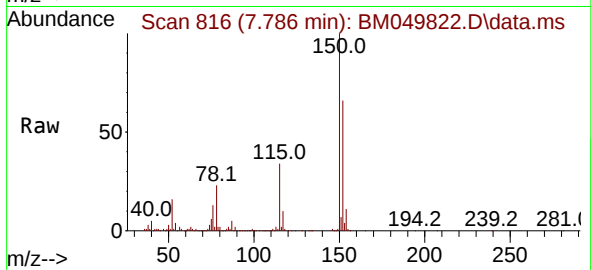




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.786 min Scan# 81
Delta R.T. -0.019 min
Lab File: BM049822.D
Acq: 04 Apr 2025 14:04

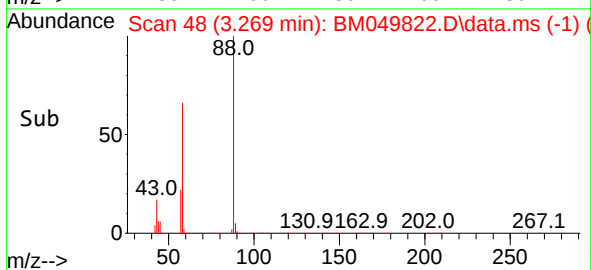
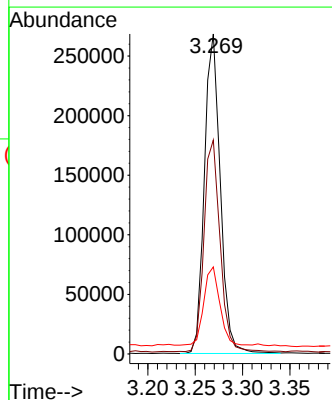
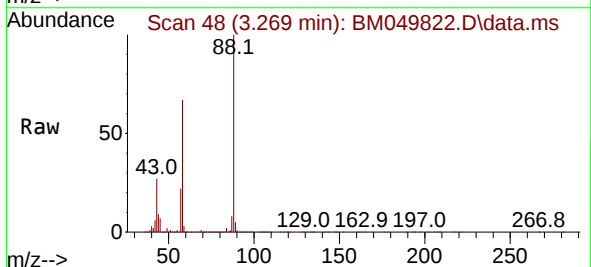
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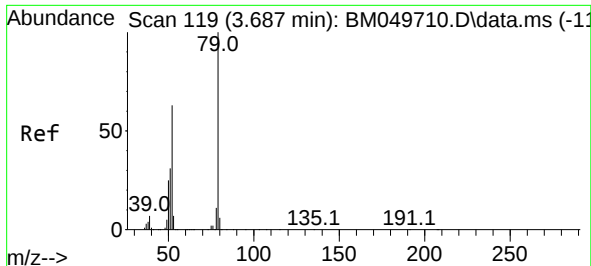
Tgt Ion:152 Resp: 258657
Ion Ratio Lower Upper
152 100
150 151.0 123.8 185.8
115 51.7 43.0 64.6



#2
1,4-Dioxane
Concen: 47.068 ng
RT: 3.269 min Scan# 48
Delta R.T. -0.018 min
Lab File: BM049822.D
Acq: 04 Apr 2025 14:04

Tgt Ion: 88 Resp: 312345
Ion Ratio Lower Upper
88 100
58 67.0 56.7 85.1
43 24.5 22.6 34.0

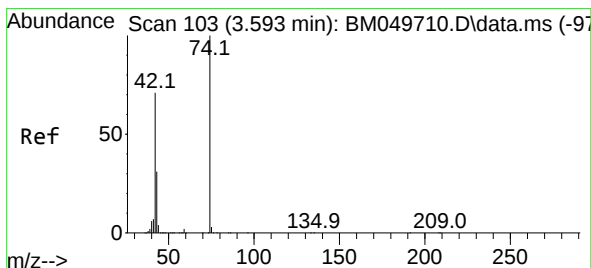
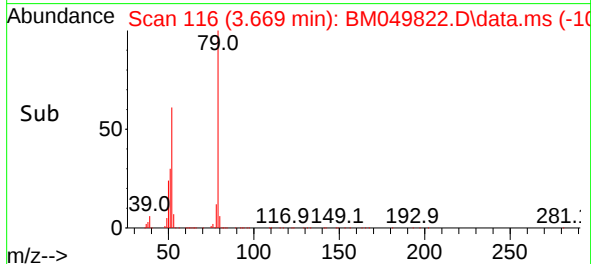
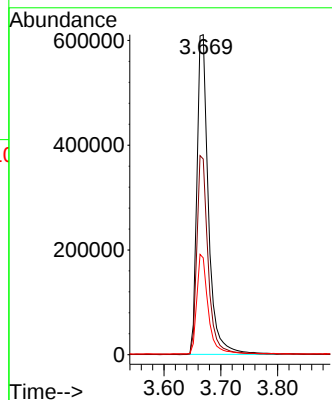
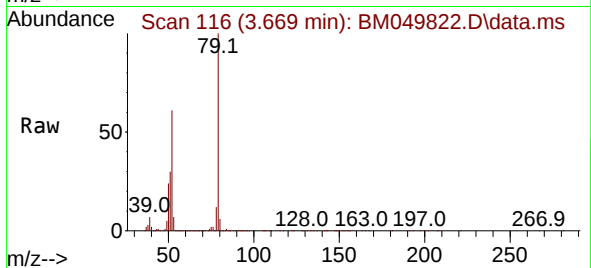




#3
Pyridine
Concen: 51.003 ng
RT: 3.669 min Scan# 119
Delta R.T. -0.018 min
Lab File: BM049822.D
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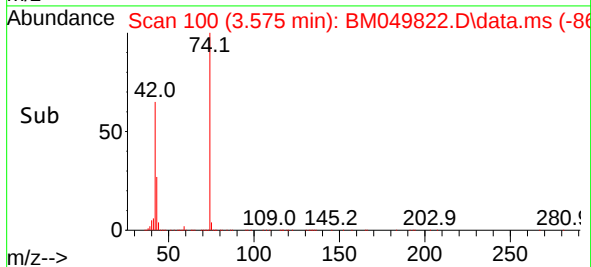
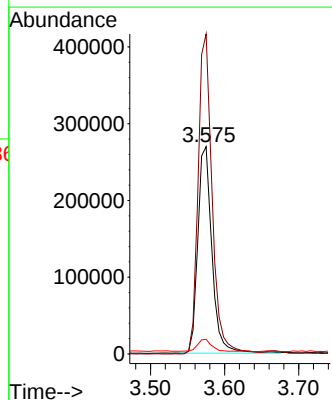
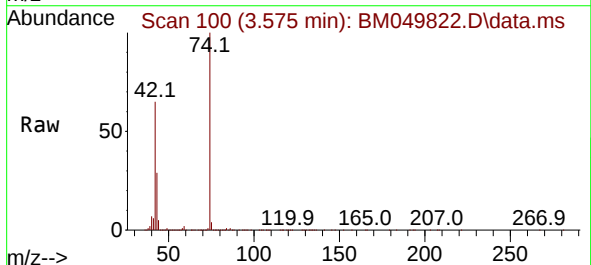
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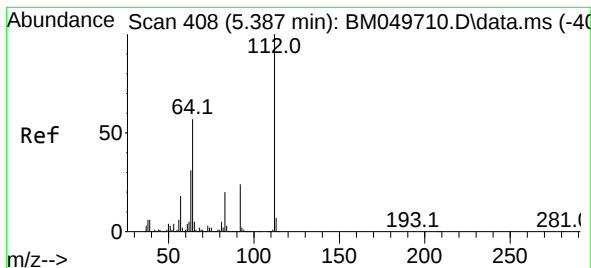
Tgt Ion: 79 Resp: 864380
Ion Ratio Lower Upper
79 100
52 61.2 50.1 75.1
51 30.3 25.2 37.8



#4
n-Nitrosodimethylamine
Concen: 47.483 ng
RT: 3.575 min Scan# 100
Delta R.T. -0.018 min
Lab File: BM049822.D
Acq: 04 Apr 2025 14:04

Tgt Ion: 42 Resp: 356064
Ion Ratio Lower Upper
42 100
74 154.3 112.6 168.8
44 7.1 5.0 7.6

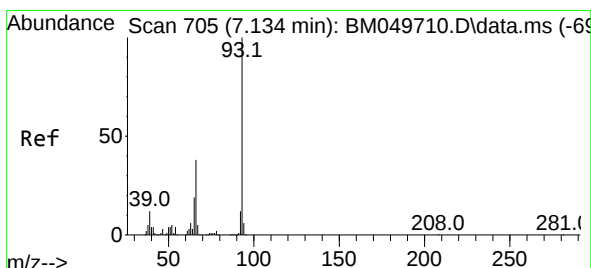
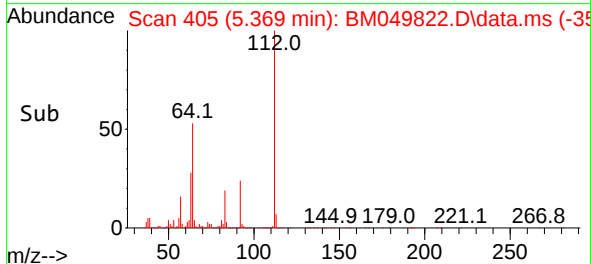
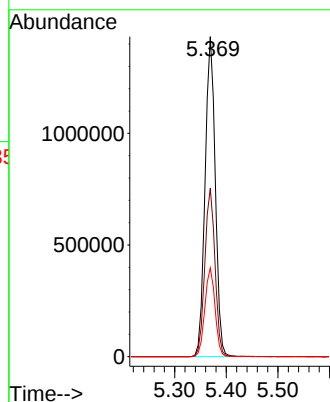
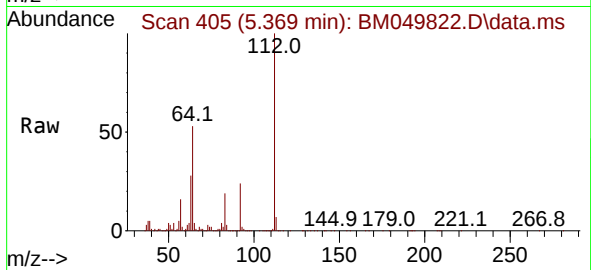




#5
2-Fluorophenol
Concen: 128.309 ng
RT: 5.369 min Scan# 408
Delta R.T. -0.018 min
Lab File: BM049822.D
Acq: 04 Apr 2025 14:04

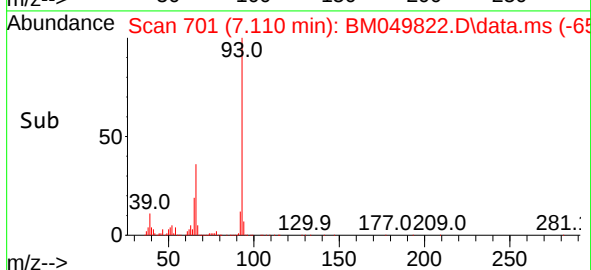
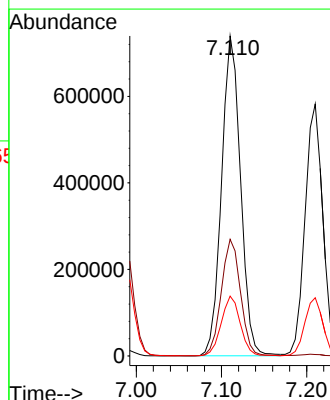
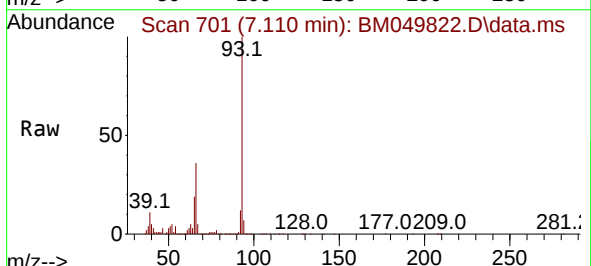
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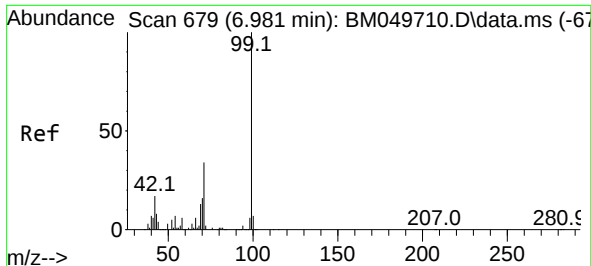
Tgt Ion:112 Resp: 1966894
Ion Ratio Lower Upper
112 100
64 52.6 45.3 67.9
63 27.7 24.4 36.6



#6
Aniline
Concen: 71.157 ng
RT: 7.110 min Scan# 701
Delta R.T. -0.024 min
Lab File: BM049822.D
Acq: 04 Apr 2025 14:04

Tgt Ion: 93 Resp: 1146835
Ion Ratio Lower Upper
93 100
66 36.4 30.6 46.0
65 18.7 15.4 23.2



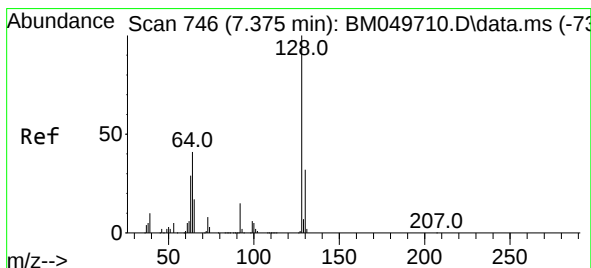
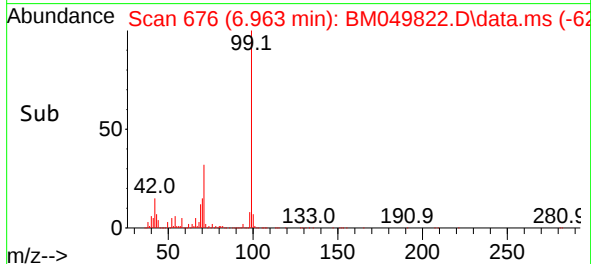
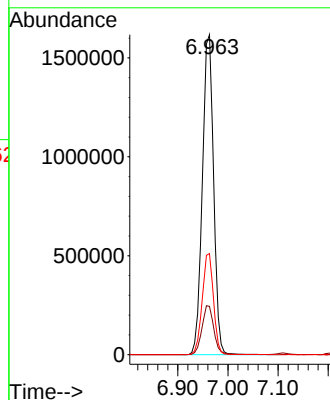
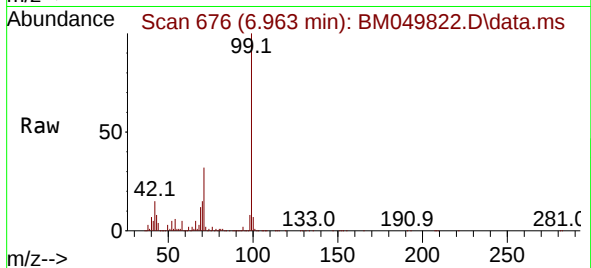


#7
Phenol-d6
Concen: 130.843 ng
RT: 6.963 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM049822.D
Acq: 04 Apr 2025 14:04

Instrument :
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Tgt Ion: 99 Resp: 2517108

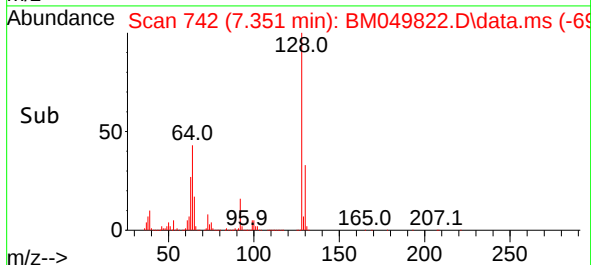
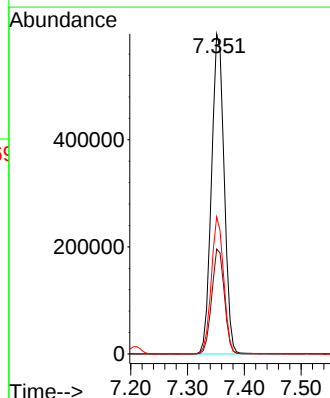
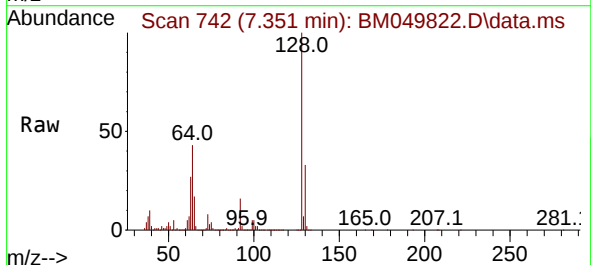
Ion	Ratio	Lower	Upper
99	100		
42	15.1	13.6	20.4
71	31.6	27.0	40.6

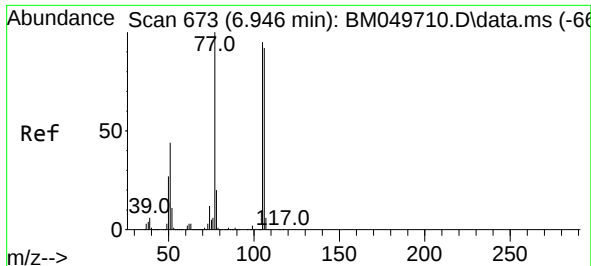


#8
2-Chlorophenol
Concen: 60.771 ng
RT: 7.351 min Scan# 742
Delta R.T. -0.024 min
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Tgt Ion:128 Resp: 922525

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.5	52.5
64	42.9	24.9	64.9

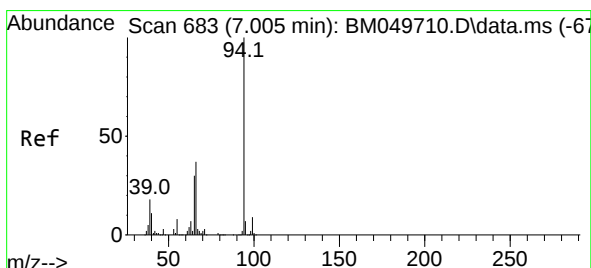
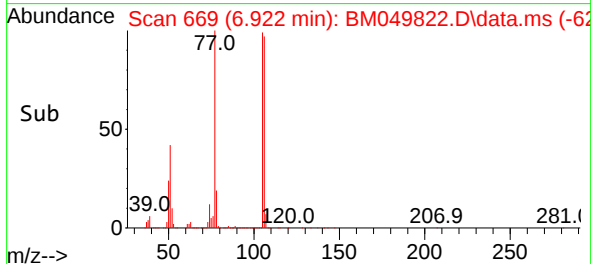
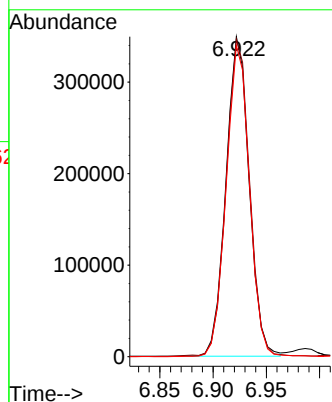
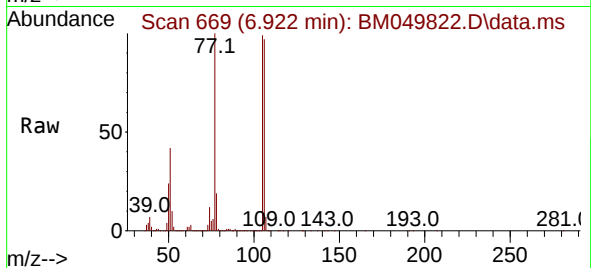




#9
Benzaldehyde
Concen: 55.671 ng
RT: 6.922 min Scan# 609
Delta R.T. -0.024 min
Lab File: BM049822.D
Acq: 04 Apr 2025 14:04

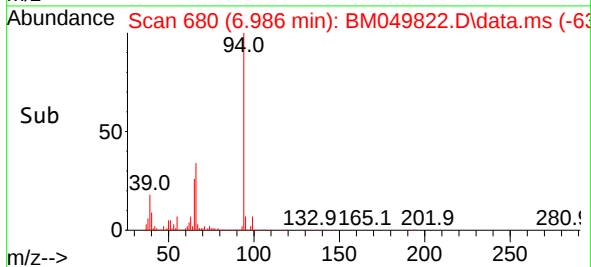
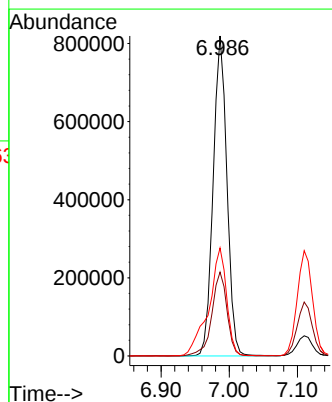
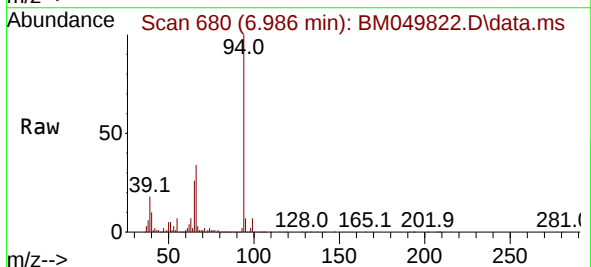
Instrument :
BNA_M
ClientSampleId :
TP-18MS

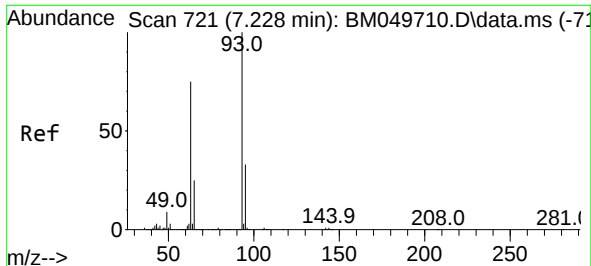
Tgt Ion: 77 Resp: 529446
Ion Ratio Lower Upper
77 100
105 99.2 75.0 115.0
106 97.3 72.3 112.3



#10
Phenol
Concen: 61.962 ng
RT: 6.986 min Scan# 680
Delta R.T. -0.018 min
Lab File: BM049822.D
Acq: 04 Apr 2025 14:04

Tgt Ion: 94 Resp: 1155813
Ion Ratio Lower Upper
94 100
65 26.2 10.4 50.4
66 33.8 17.1 57.1

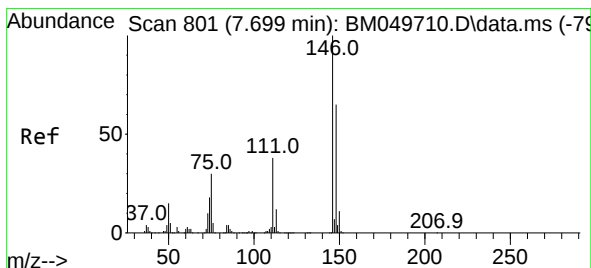
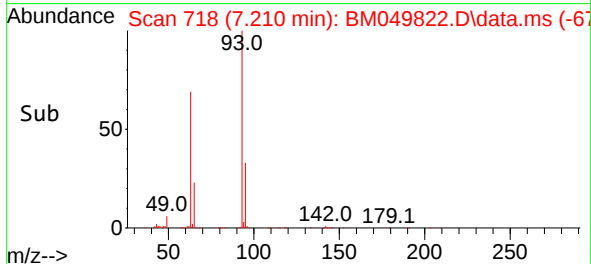
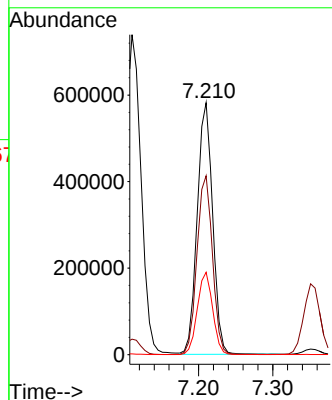
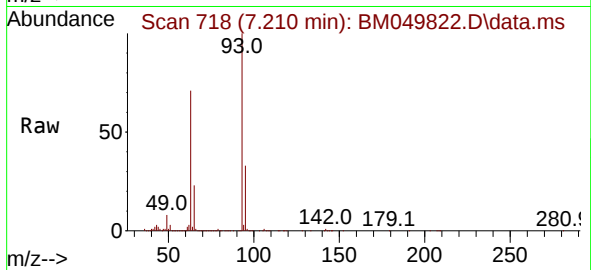




#11
bis(2-Chloroethyl)ether
Concen: 55.741 ng
RT: 7.210 min Scan# 718
Delta R.T. -0.018 min
Lab File: BM049822.D
Acq: 04 Apr 2025 14:04

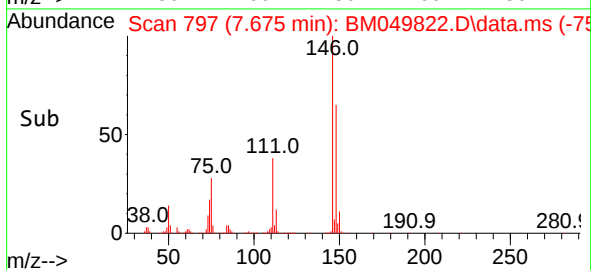
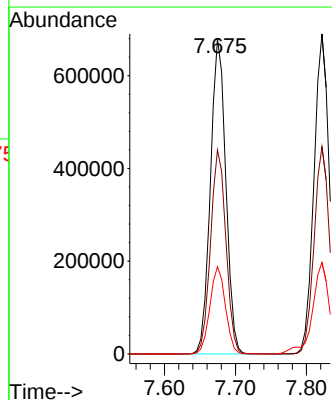
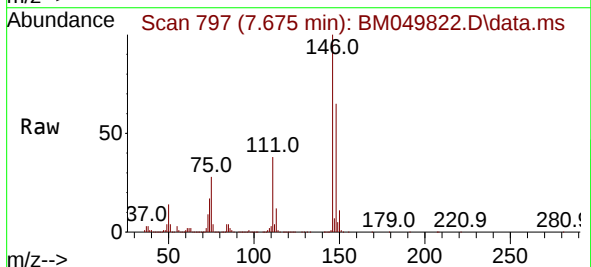
Instrument :
BNA_M
ClientSampleId :
TP-18MS

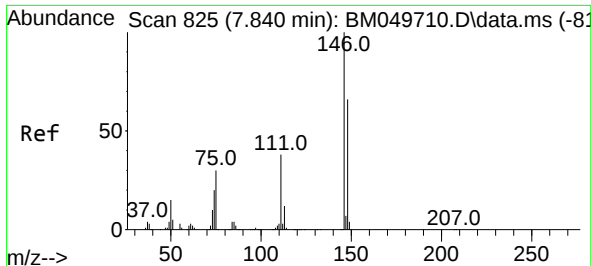
Tgt Ion: 93 Resp: 841986
Ion Ratio Lower Upper
93 100
63 71.0 54.8 94.8
95 32.7 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 55.418 ng
RT: 7.675 min Scan# 797
Delta R.T. -0.024 min
Lab File: BM049822.D
Acq: 04 Apr 2025 14:04

Tgt Ion:146 Resp: 1022361
Ion Ratio Lower Upper
146 100
148 64.8 52.3 78.5
75 27.7 24.2 36.2

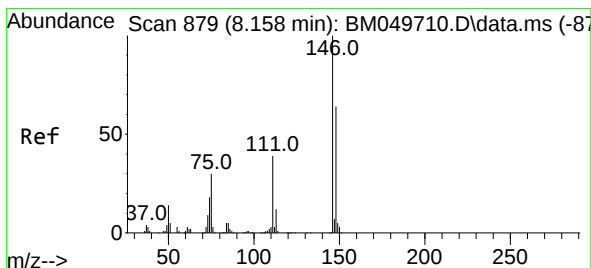
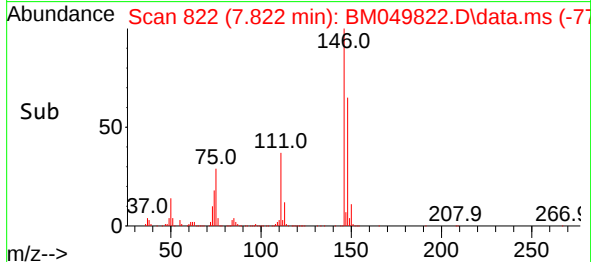
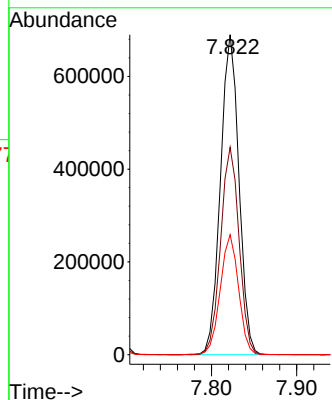
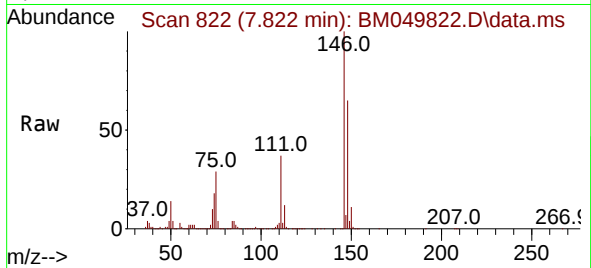




#13
1,4-Dichlorobenzene
Concen: 55.750 ng
RT: 7.822 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM049822.D
Acq: 04 Apr 2025 14:04

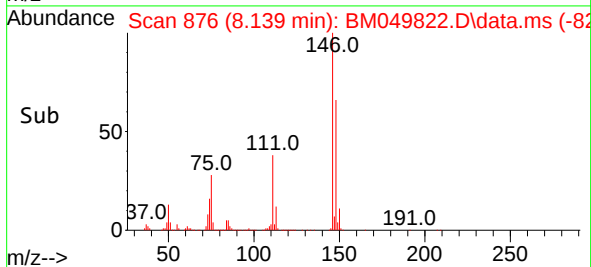
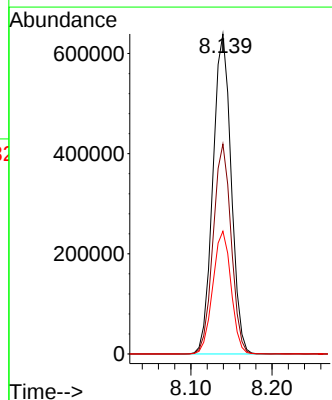
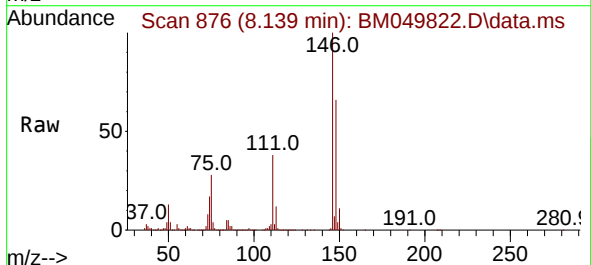
Instrument :
BNA_M
ClientSampleId :
TP-18MS

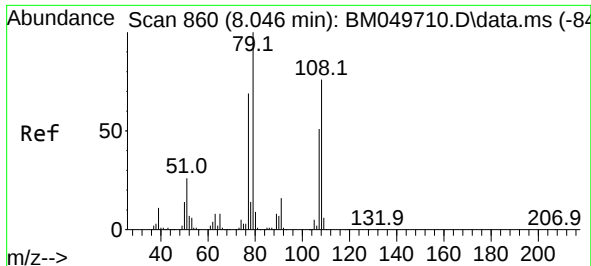
Tgt Ion:146 Resp: 1037583
Ion Ratio Lower Upper
146 100
148 64.8 52.6 79.0
111 37.5 30.8 46.2



#14
1,2-Dichlorobenzene
Concen: 56.418 ng
RT: 8.139 min Scan# 876
Delta R.T. -0.018 min
Lab File: BM049822.D
Acq: 04 Apr 2025 14:04

Tgt Ion:146 Resp: 997894
Ion Ratio Lower Upper
146 100
148 65.6 50.9 76.3
111 38.4 31.0 46.6

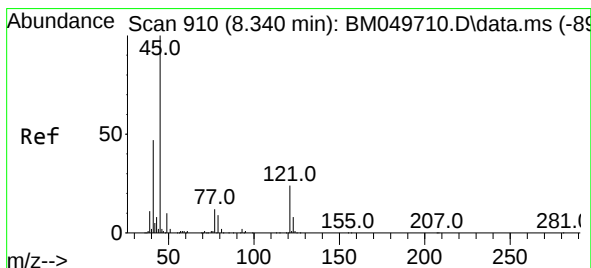
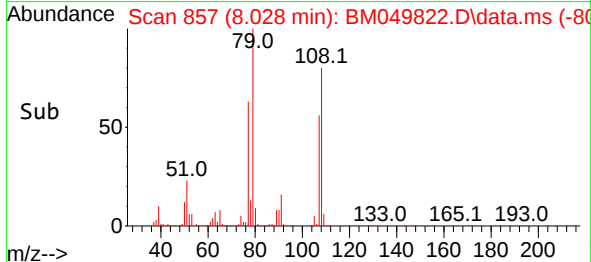
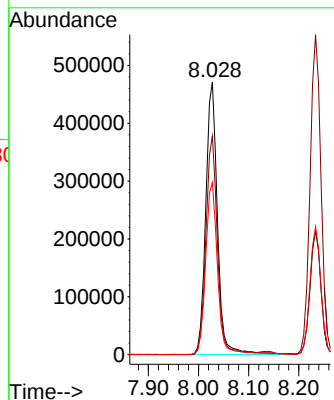
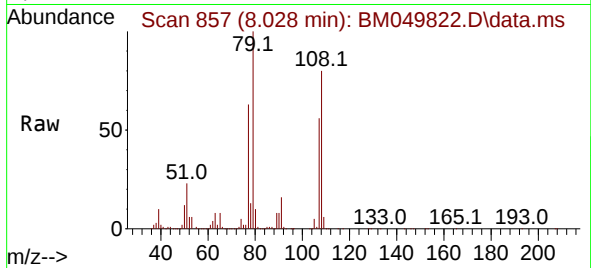




#15
Benzyl Alcohol
Concen: 63.144 ng
RT: 8.028 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM049822.D
Acq: 04 Apr 2025 14:04

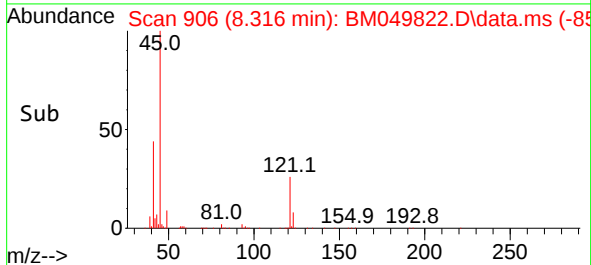
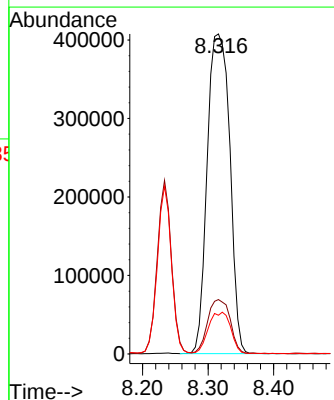
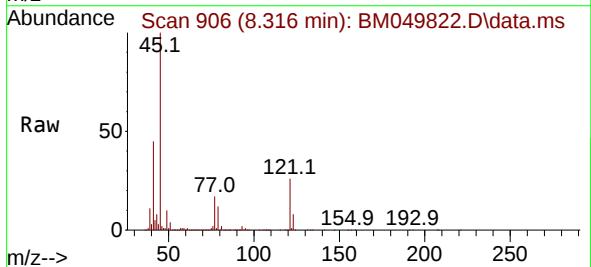
Instrument :
BNA_M
ClientSampleId :
TP-18MS

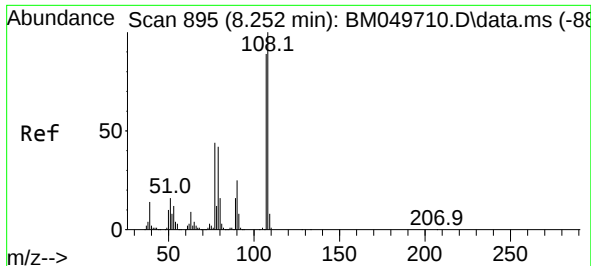
Tgt Ion: 79 Resp: 762308
Ion Ratio Lower Upper
79 100
108 80.2 60.7 91.1
77 63.1 55.4 83.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 54.851 ng
RT: 8.316 min Scan# 906
Delta R.T. -0.024 min
Lab File: BM049822.D
Acq: 04 Apr 2025 14:04

Tgt Ion: 45 Resp: 973801
Ion Ratio Lower Upper
45 100
77 17.0 0.0 36.1
79 12.1 0.0 32.8



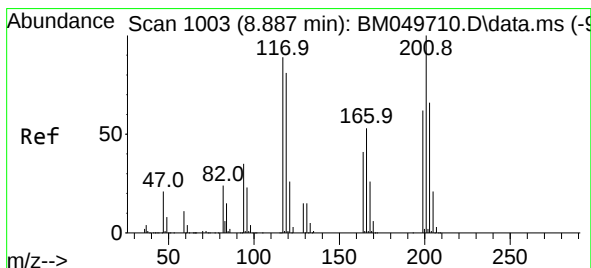
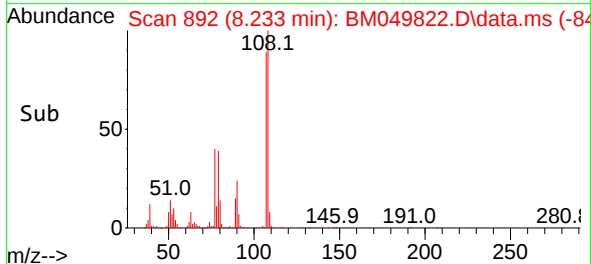
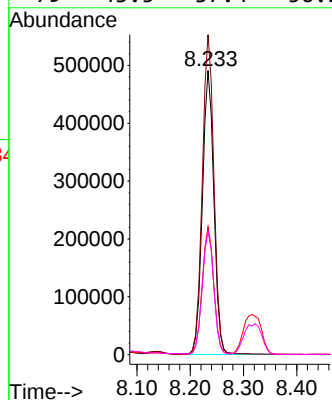
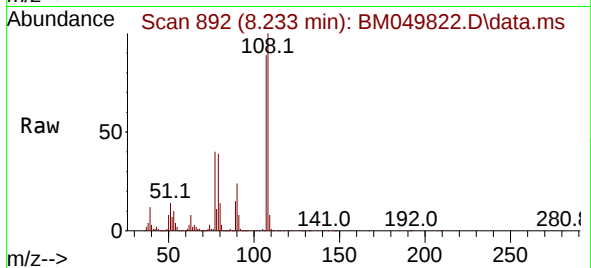


#17
2-Methylphenol
Concen: 66.244 ng
RT: 8.233 min Scan# 895
Delta R.T. -0.018 min
Lab File: BM049822.D
Acq: 04 Apr 2025 14:04

Instrument :
BNA_M
ClientSampleId :
TP-18MS

Tgt Ion:107 Resp: 733627

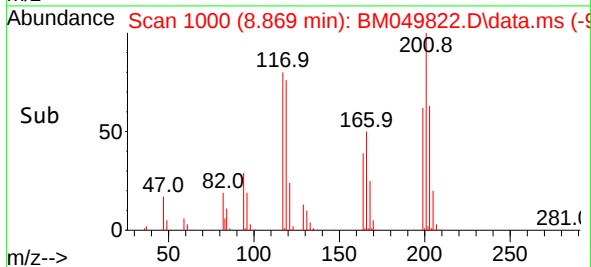
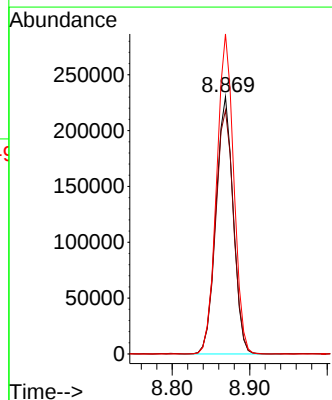
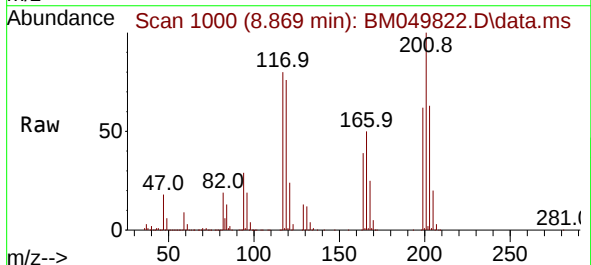
Ion	Ratio	Lower	Upper
107	100		
108	112.6	89.6	134.4
77	45.0	39.8	59.6
79	43.5	37.4	56.2

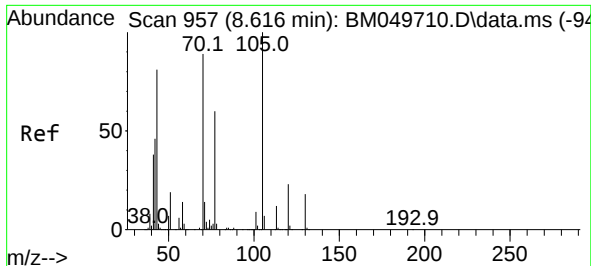


#18
Hexachloroethane
Concen: 54.402 ng
RT: 8.869 min Scan# 1000
Delta R.T. -0.018 min
Lab File: BM049822.D
Acq: 04 Apr 2025 14:04

Tgt Ion:117 Resp: 357551

Ion	Ratio	Lower	Upper
117	100		
119	94.7	73.1	109.7
201	124.4	90.0	135.0



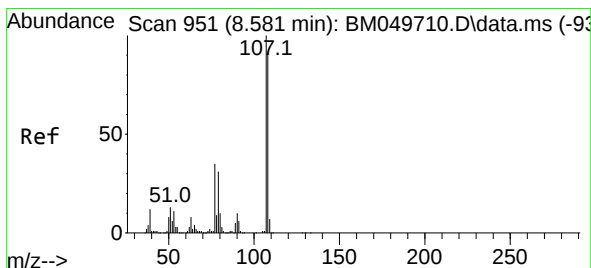
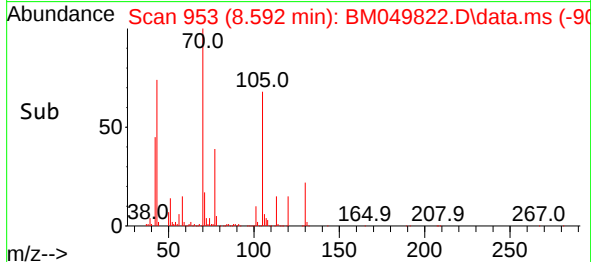
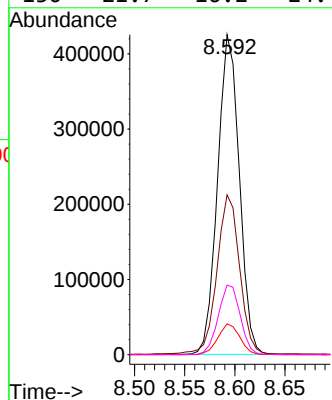
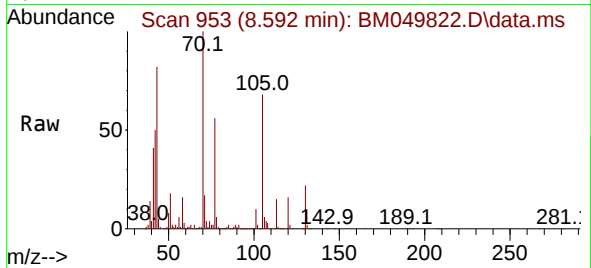


#19
n-Nitroso-di-n-propylamine
Concen: 57.265 ng
RT: 8.592 min Scan# 91
Delta R.T. -0.024 min
Lab File: BM049822.D
Acq: 04 Apr 2025 14:04

Instrument :
BNA_M
ClientSampleId :
TP-18MS

Tgt Ion: 70 Resp: 638798

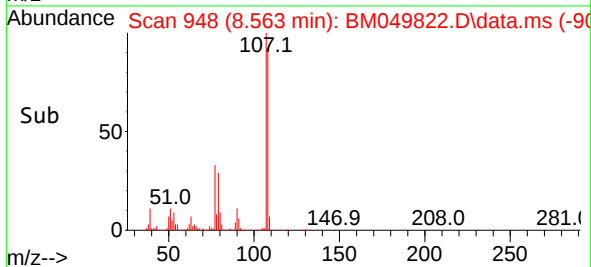
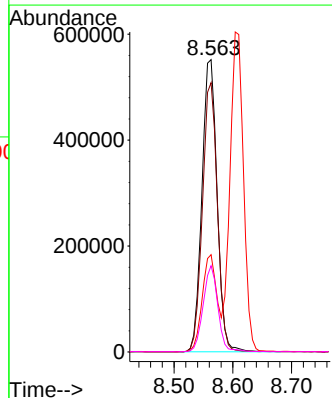
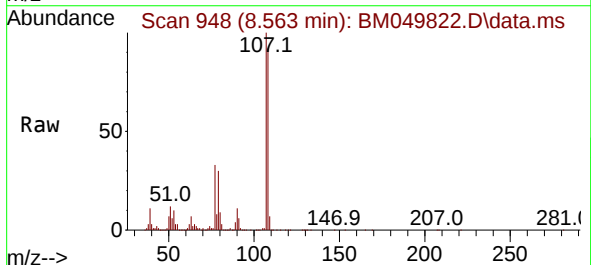
Ion	Ratio	Lower	Upper
70	100		
42	49.9	41.8	62.6
101	9.6	7.7	11.5
130	21.7	16.2	24.4

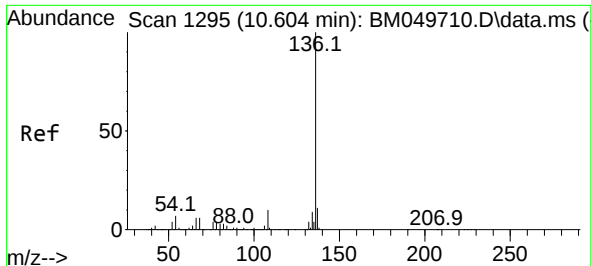


#20
3+4-Methylphenols
Concen: 66.770 ng
RT: 8.563 min Scan# 948
Delta R.T. -0.018 min
Lab File: BM049822.D
Acq: 04 Apr 2025 14:04

Tgt Ion: 107 Resp: 990950

Ion	Ratio	Lower	Upper
107	100		
108	92.1	71.0	111.0
77	33.3	15.1	55.1
79	29.5	11.2	51.2



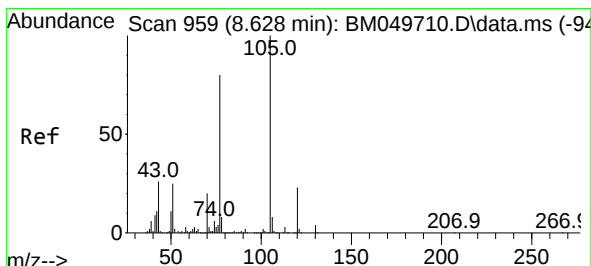
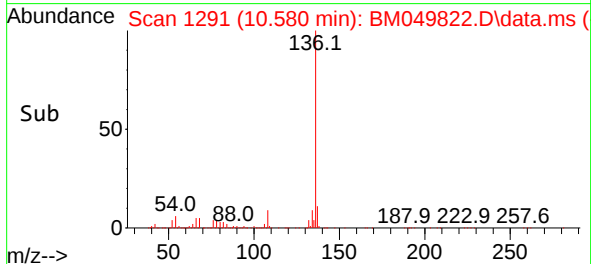
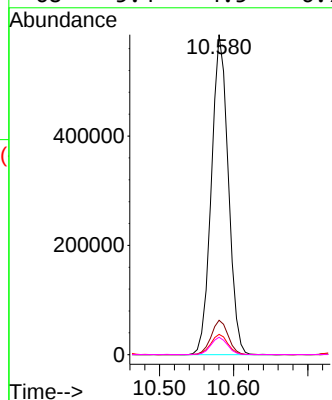
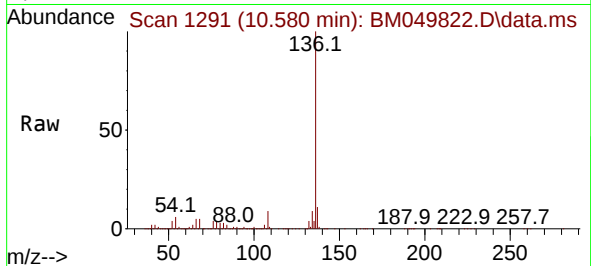


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.580 min Scan# 1291
Delta R.T. -0.024 min
Lab File: BM049822.D
Acq: 04 Apr 2025 14:04

Instrument :
BNA_M
ClientSampleId :
TP-18MS

Tgt Ion:136 Resp: 925848

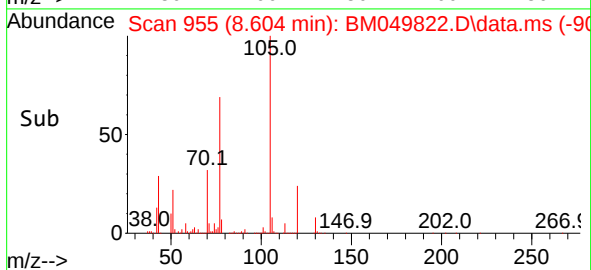
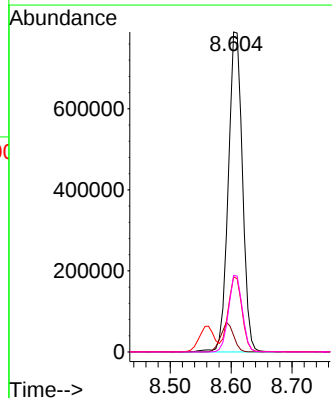
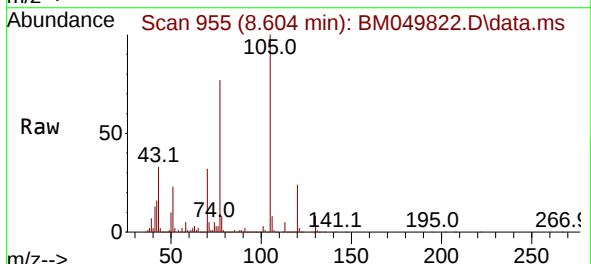
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	6.4	5.8	8.8
68	5.4	4.5	6.7

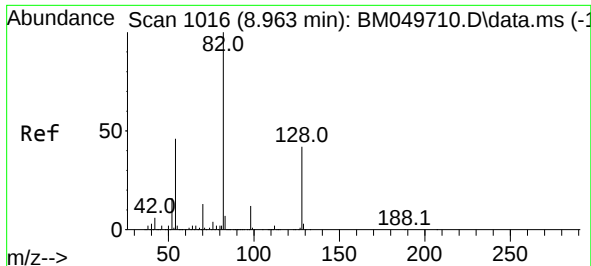


#22
Acetophenone
Concen: 53.462 ng
RT: 8.604 min Scan# 955
Delta R.T. -0.024 min
Lab File: BM049822.D
Acq: 04 Apr 2025 14:04

Tgt Ion:105 Resp: 1276254

Ion	Ratio	Lower	Upper
105	100		
71	5.2	2.5	3.7#
51	23.5	19.9	29.9
120	23.9	18.3	27.5

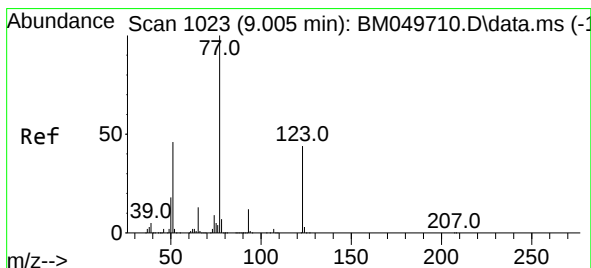
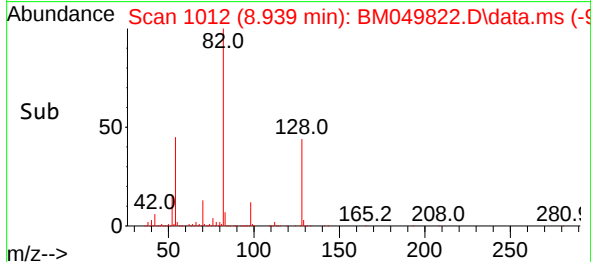
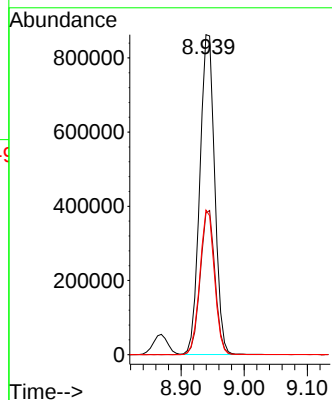
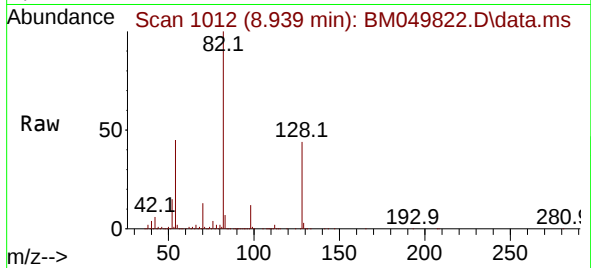




#23
Nitrobenzene-d5
Concen: 78.324 ng
RT: 8.939 min Scan# 1012
Delta R.T. -0.024 min
Lab File: BM049822.D
Acq: 04 Apr 2025 14:04

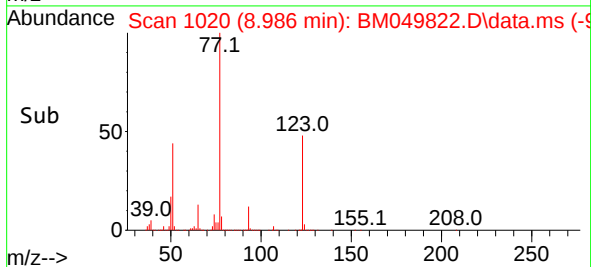
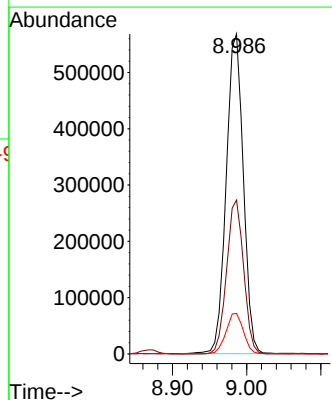
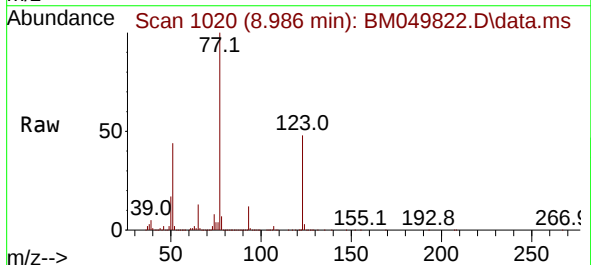
Instrument :
BNA_M
ClientSampleId :
TP-18MS

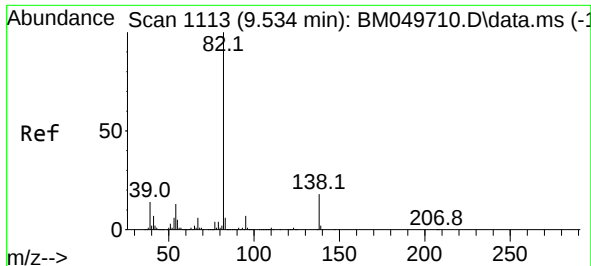
Tgt Ion: 82 Resp: 1412428
Ion Ratio Lower Upper
82 100
128 44.3 33.4 50.0
54 45.2 36.4 54.6



#24
Nitrobenzene
Concen: 53.451 ng
RT: 8.986 min Scan# 1020
Delta R.T. -0.018 min
Lab File: BM049822.D
Acq: 04 Apr 2025 14:04

Tgt Ion: 77 Resp: 908876
Ion Ratio Lower Upper
77 100
123 48.1 34.9 52.3
65 12.7 10.6 15.8





#25

Isophorone

Concen: 62.516 ng

RT: 9.516 min Scan# 1110

Delta R.T. -0.018 min

Lab File: BM049822.D

Acq: 04 Apr 2025 14:04

Instrument :

BNA_M

ClientSampleId :

TP-18MS

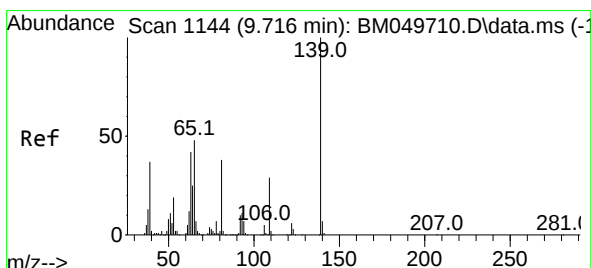
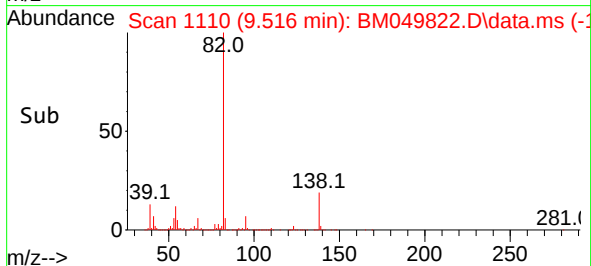
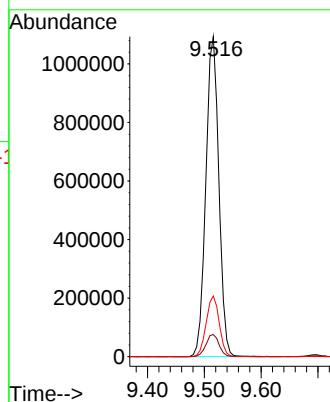
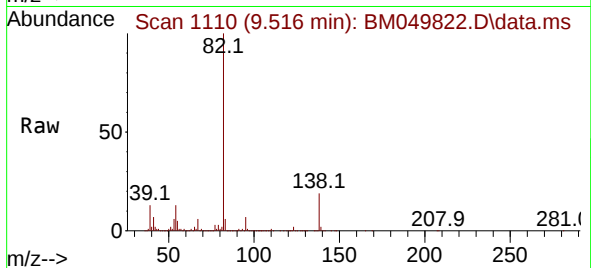
Tgt Ion: 82 Resp: 1730883

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

138 19.0 14.4 21.6



#26

2-Nitrophenol

Concen: 66.681 ng

RT: 9.698 min Scan# 1141

Delta R.T. -0.018 min

Lab File: BM049822.D

Acq: 04 Apr 2025 14:04

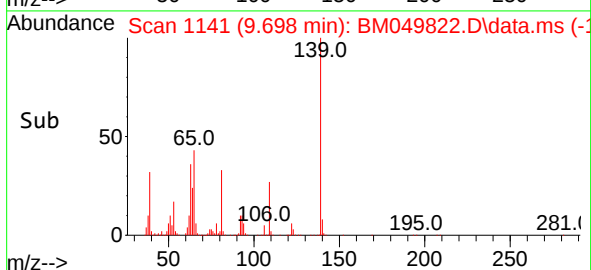
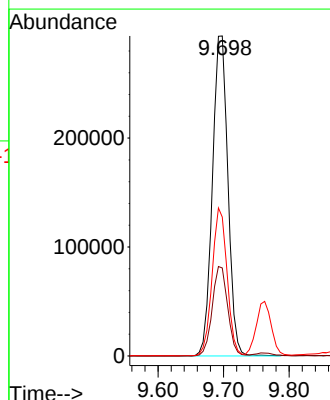
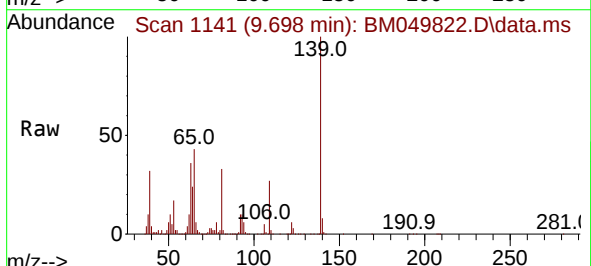
Tgt Ion:139 Resp: 482584

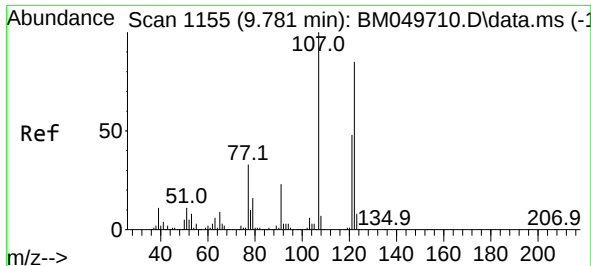
Ion Ratio Lower Upper

139 100

109 27.5 23.3 34.9

65 43.4 38.6 58.0

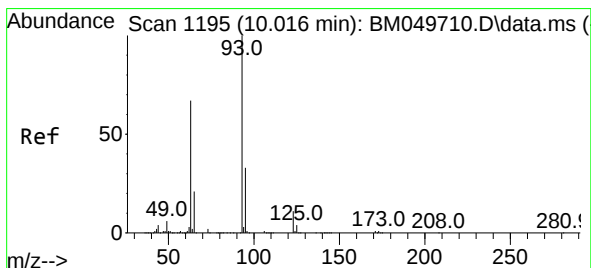
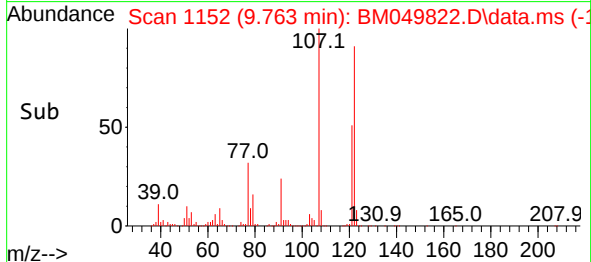
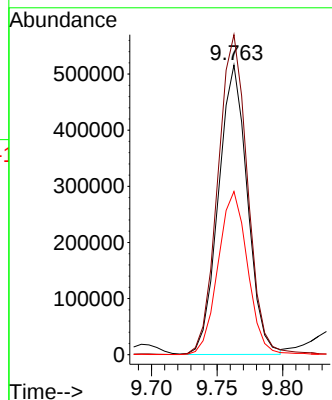
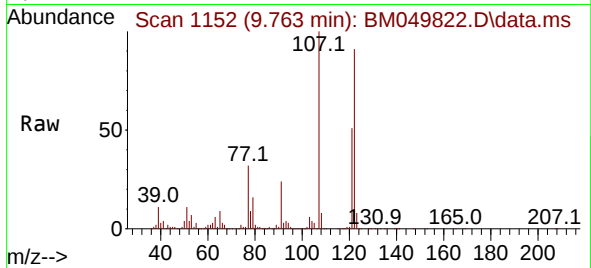




#27
2,4-Dimethylphenol
Concen: 85.854 ng
RT: 9.763 min Scan# 1152
Delta R.T. -0.018 min
Lab File: BM049822.D
Acq: 04 Apr 2025 14:04

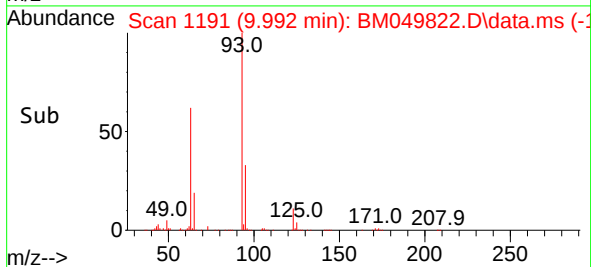
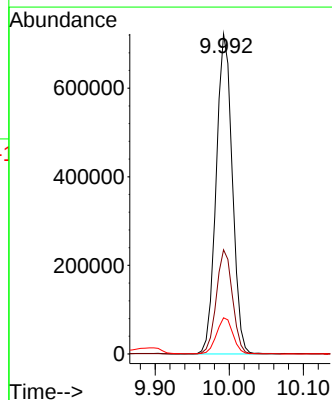
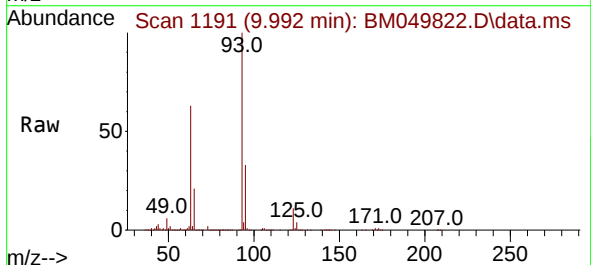
Instrument :
BNA_M
ClientSampleId :
TP-18MS

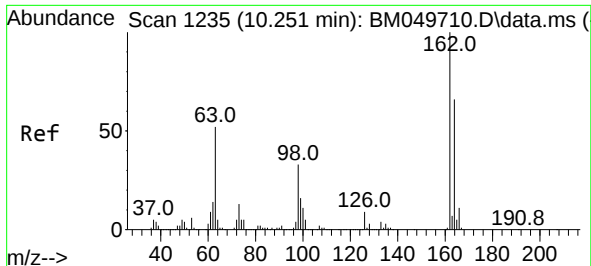
Tgt Ion:122 Resp: 790897
Ion Ratio Lower Upper
122 100
107 110.5 94.3 141.5
121 56.4 45.4 68.2



#28
bis(2-Chloroethoxy)methane
Concen: 55.946 ng
RT: 9.992 min Scan# 1191
Delta R.T. -0.024 min
Lab File: BM049822.D
Acq: 04 Apr 2025 14:04

Tgt Ion: 93 Resp: 1090984
Ion Ratio Lower Upper
93 100
95 32.6 26.6 40.0
123 11.3 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 61.630 ng

RT: 10.233 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM049822.D

Acq: 04 Apr 2025 14:04

Instrument :

BNA_M

ClientSampleId :

TP-18MS

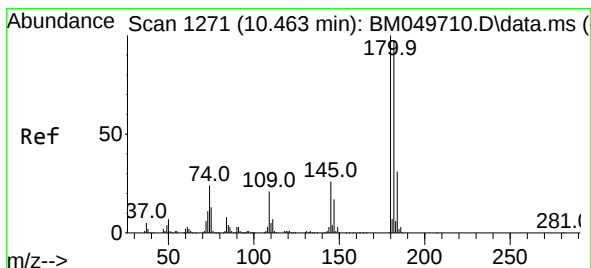
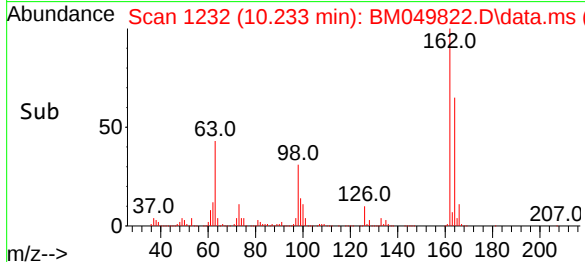
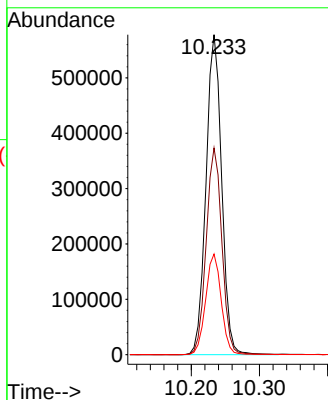
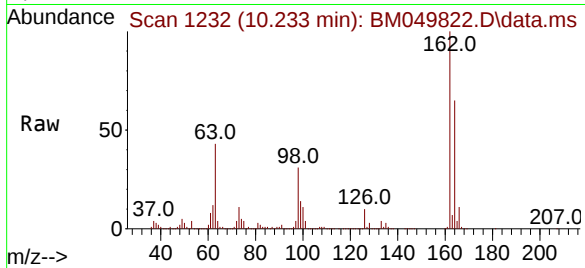
Tgt Ion:162 Resp: 925120

Ion Ratio Lower Upper

162 100

164 64.6 46.3 86.3

98 31.5 12.8 52.8



#30

1,2,4-Trichlorobenzene

Concen: 53.943 ng

RT: 10.445 min Scan# 1268

Delta R.T. -0.018 min

Lab File: BM049822.D

Acq: 04 Apr 2025 14:04

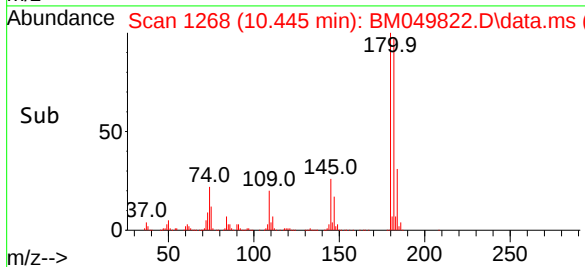
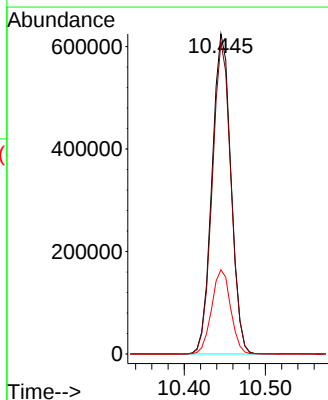
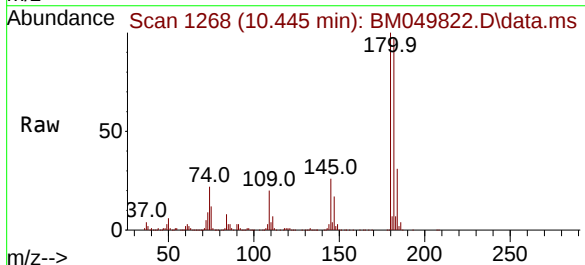
Tgt Ion:180 Resp: 1013091

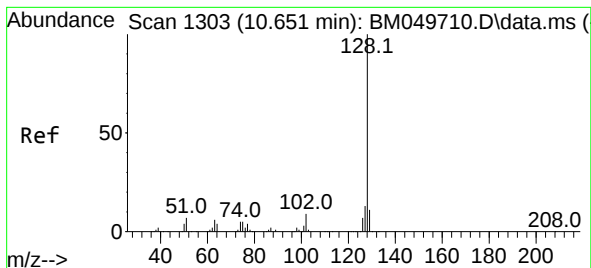
Ion Ratio Lower Upper

180 100

182 97.5 77.7 116.5

145 26.3 21.0 31.4

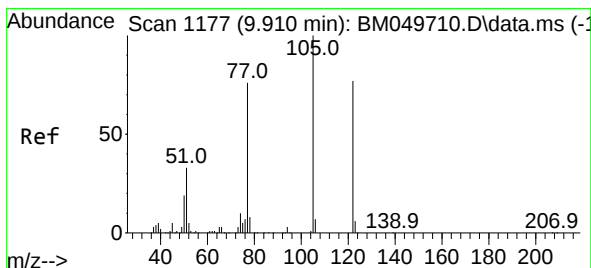
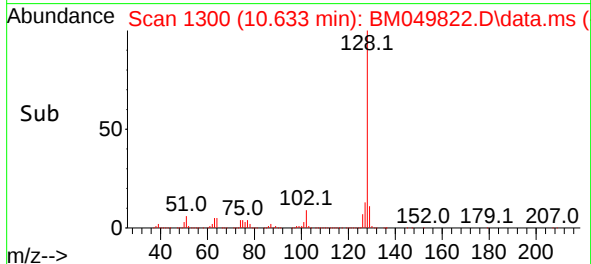
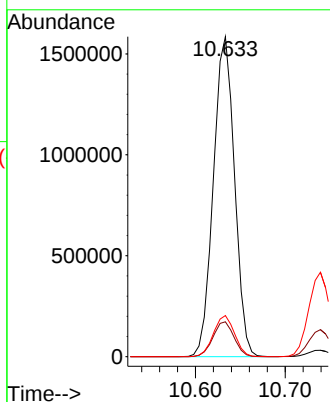
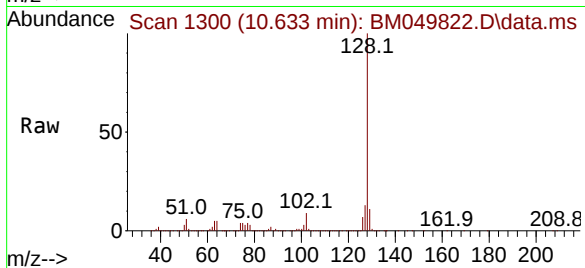




#31
Naphthalene
Concen: 54.479 ng
RT: 10.633 min Scan# 1175
Delta R.T. -0.018 min
Lab File: BM049822.D
Acq: 04 Apr 2025 14:04

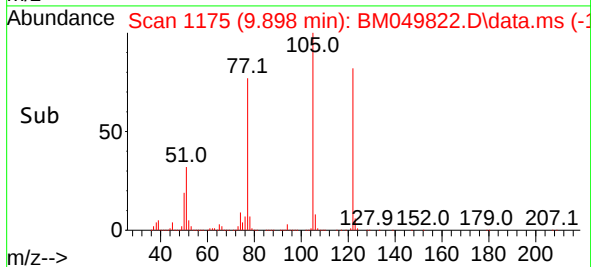
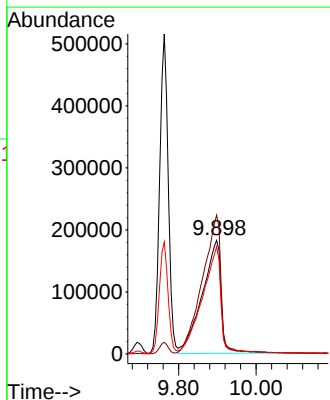
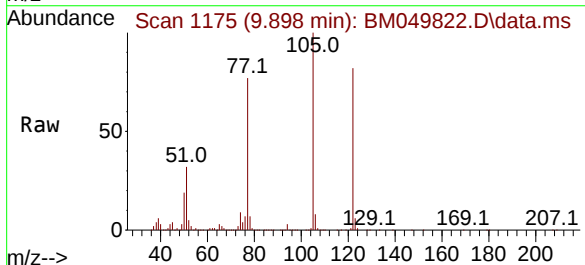
Instrument :
BNA_M
ClientSampleId :
TP-18MS

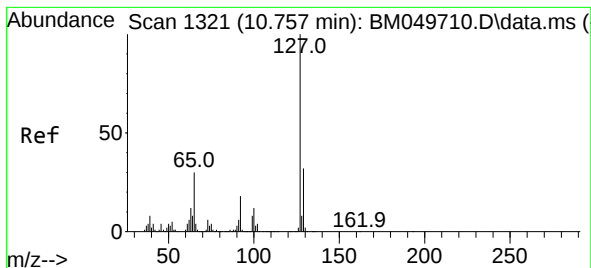
Tgt Ion:128 Resp: 2593610
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 12.9 10.4 15.6



#32
Benzoic acid
Concen: 79.103 ng
RT: 9.898 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BM049822.D
Acq: 04 Apr 2025 14:04

Tgt Ion:122 Resp: 619733
Ion Ratio Lower Upper
122 100
105 122.2 105.6 145.6
77 94.5 76.9 116.9





#33

4-Chloroaniline

Concen: 43.269 ng

RT: 10.739 min Scan# 11

Delta R.T. -0.018 min

Lab File: BM049822.D

Acq: 04 Apr 2025 14:04

Instrument :

BNA_M

ClientSampleId :

TP-18MS

Tgt Ion:127 Resp: 703018

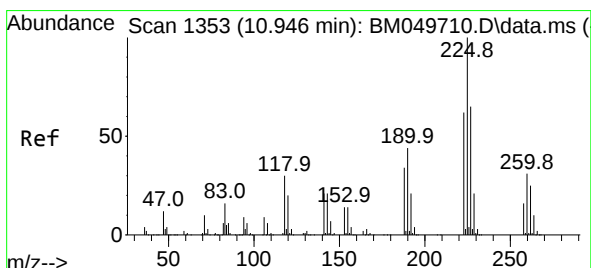
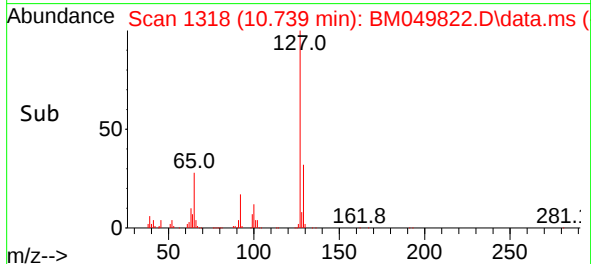
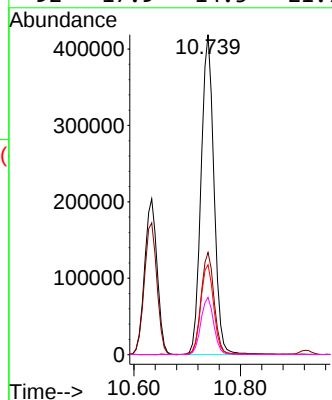
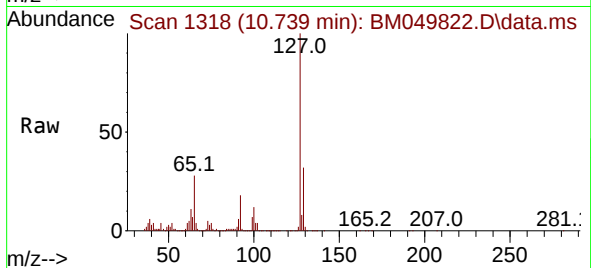
Ion Ratio Lower Upper

127 100

129 32.0 25.7 38.5

65 28.1 24.1 36.1

92 17.9 14.5 21.7



#34

Hexachlorobutadiene

Concen: 53.240 ng

RT: 10.922 min Scan# 1349

Delta R.T. -0.024 min

Lab File: BM049822.D

Acq: 04 Apr 2025 14:04

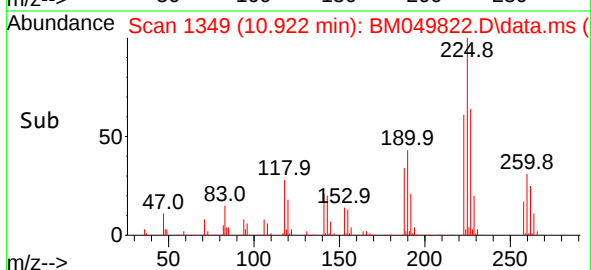
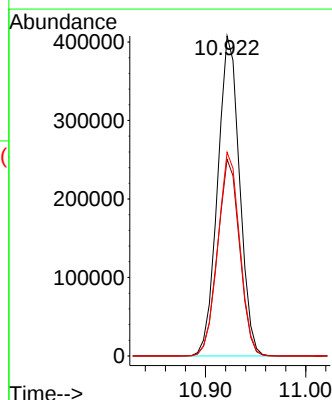
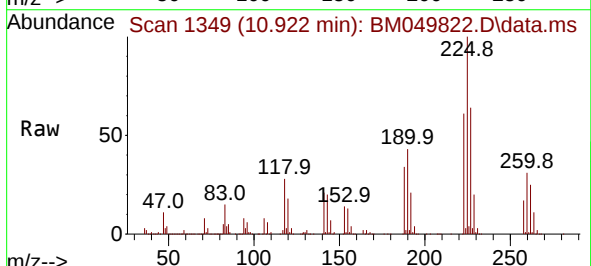
Tgt Ion:225 Resp: 617267

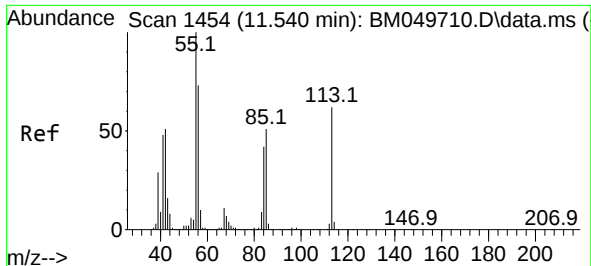
Ion Ratio Lower Upper

225 100

223 61.5 49.8 74.8

227 63.6 52.1 78.1

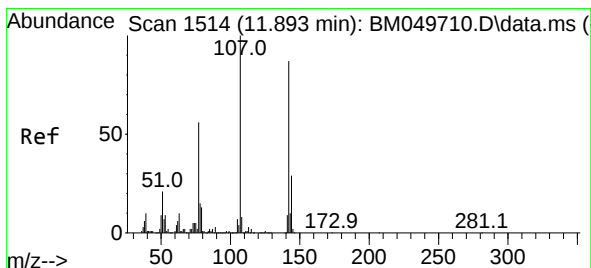
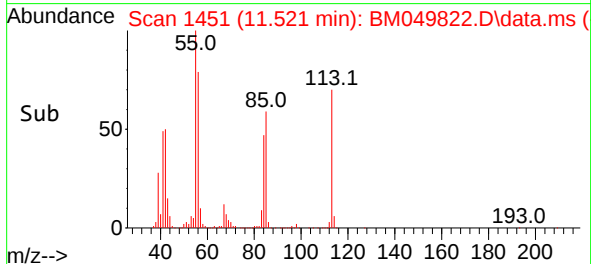
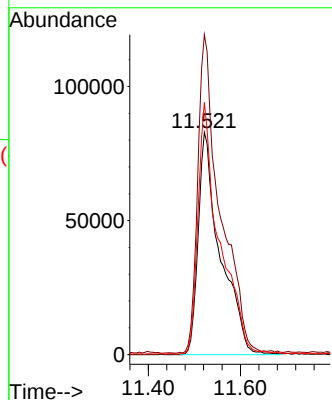
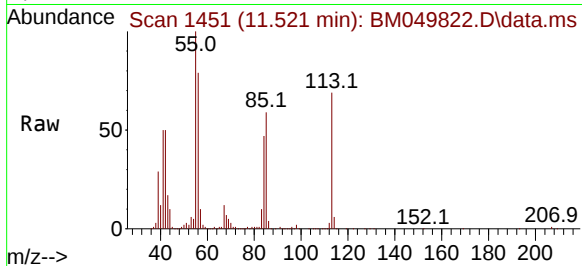




#35
 Caprolactam
 Concen: 79.219 ng
 RT: 11.521 min Scan# 1451
 Delta R.T. -0.018 min
 Lab File: BM049822.D
 Acq: 04 Apr 2025 14:04

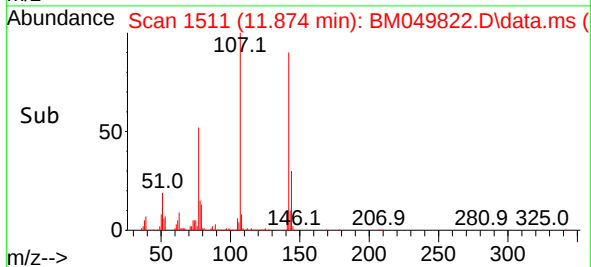
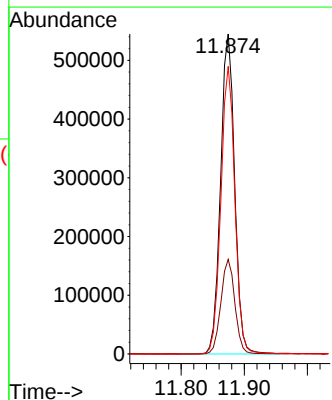
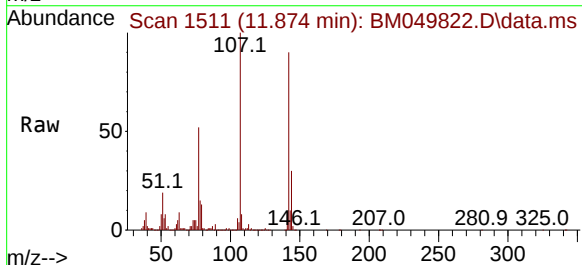
Instrument :
 BNA_M
 ClientSampleId :
 TP-18MS

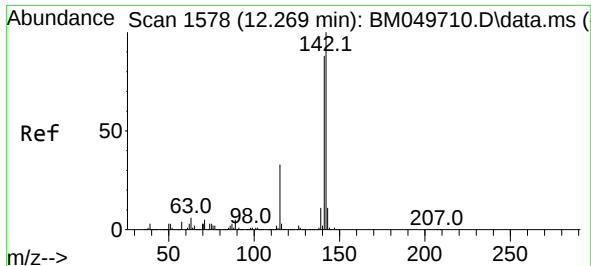
Tgt Ion:113 Resp: 276083
 Ion Ratio Lower Upper
 113 100
 55 144.0 141.8 181.8
 56 113.5 98.0 138.0



#36
 4-Chloro-3-methylphenol
 Concen: 65.667 ng
 RT: 11.874 min Scan# 1511
 Delta R.T. -0.018 min
 Lab File: BM049822.D
 Acq: 04 Apr 2025 14:04

Tgt Ion:107 Resp: 845912
 Ion Ratio Lower Upper
 107 100
 144 29.6 23.0 34.6
 142 89.9 69.8 104.8





#37

2-Methylnaphthalene

Concen: 52.140 ng

RT: 12.245 min Scan# 1

Delta R.T. -0.024 min

Lab File: BM049822.D

Acq: 04 Apr 2025 14:04

Instrument :

BNA_M

ClientSampleId :

TP-18MS

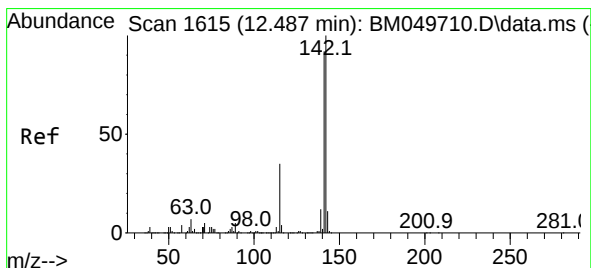
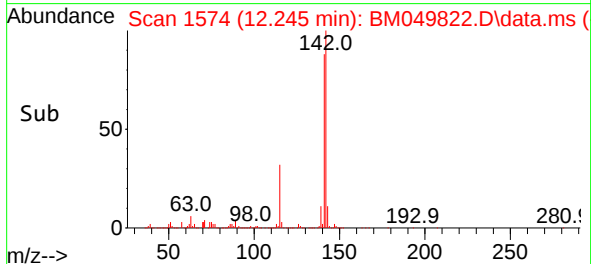
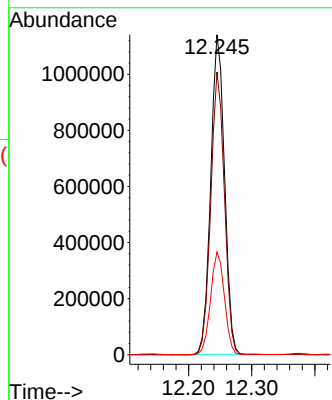
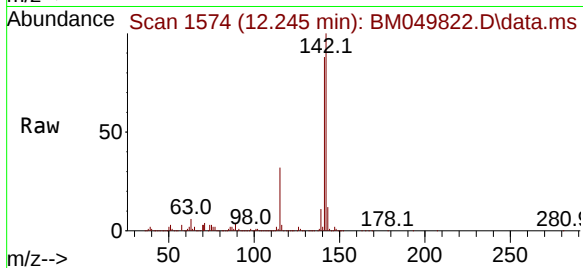
Tgt Ion:142 Resp: 1735698

Ion Ratio Lower Upper

142 100

141 88.4 70.5 105.7

115 32.1 26.5 39.7



#38

1-Methylnaphthalene

Concen: 56.815 ng

RT: 12.468 min Scan# 1612

Delta R.T. -0.018 min

Lab File: BM049822.D

Acq: 04 Apr 2025 14:04

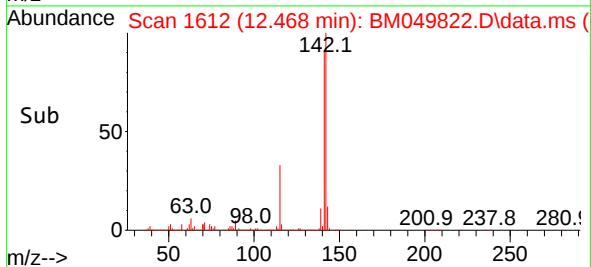
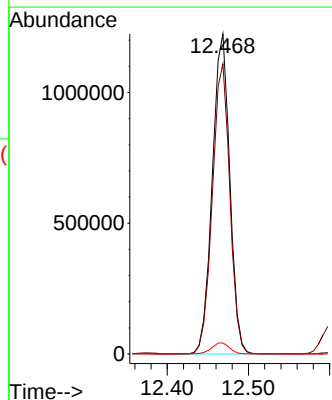
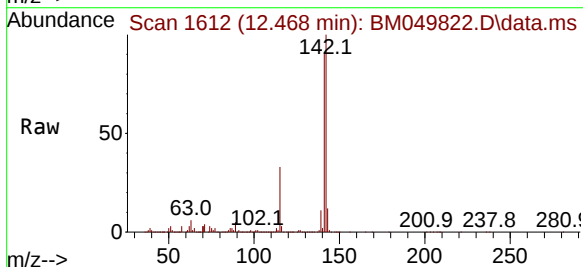
Tgt Ion:142 Resp: 1824784

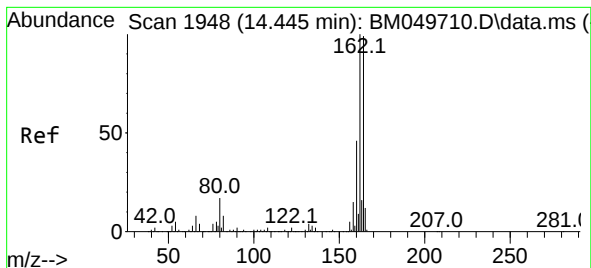
Ion Ratio Lower Upper

142 100

141 90.7 73.4 110.2

116 3.5 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: BM049822.D

Acq: 04 Apr 2025 14:04

Instrument :

BNA_M

ClientSampleId :

TP-18MS

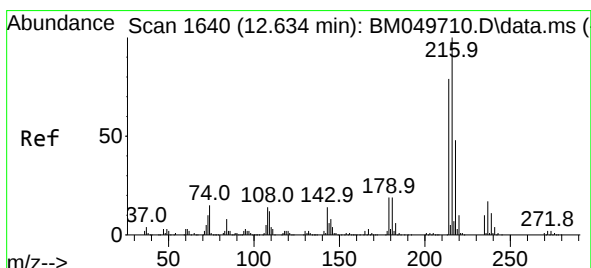
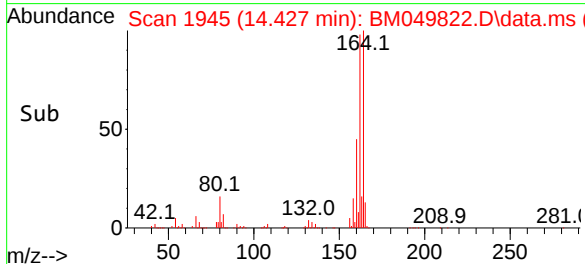
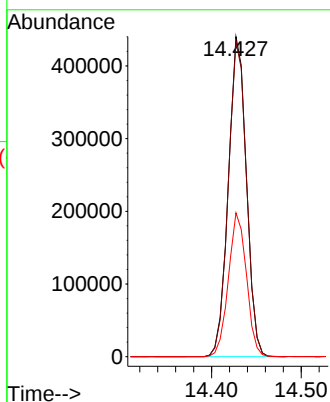
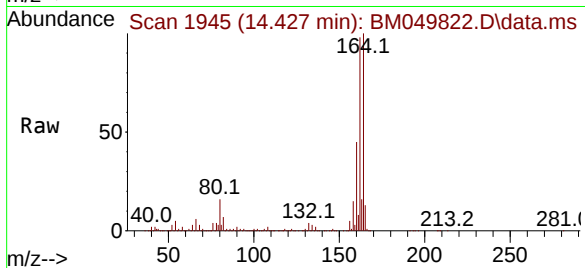
Tgt Ion:164 Resp: 615156

Ion Ratio Lower Upper

164 100

162 98.5 80.5 120.7

160 44.9 36.9 55.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.964 ng

RT: 12.616 min Scan# 1637

Delta R.T. -0.018 min

Lab File: BM049822.D

Acq: 04 Apr 2025 14:04

Tgt Ion:216 Resp: 1174176

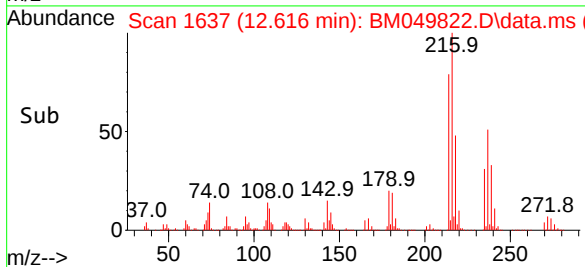
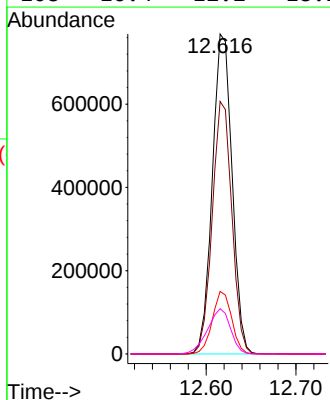
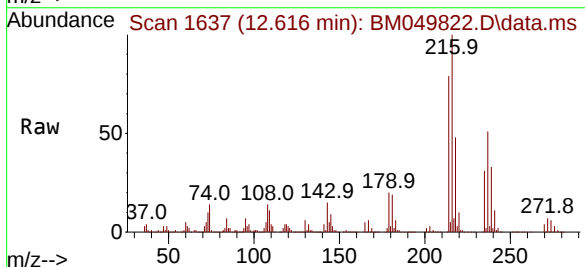
Ion Ratio Lower Upper

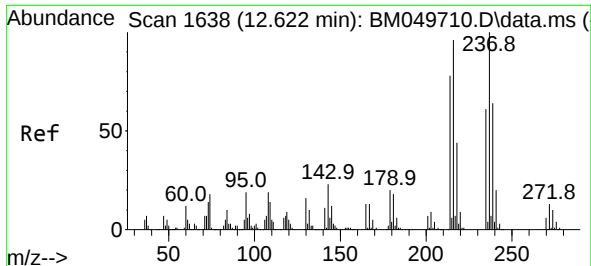
216 100

214 78.3 63.5 95.3

179 19.2 15.7 23.5

108 16.4 12.2 18.2

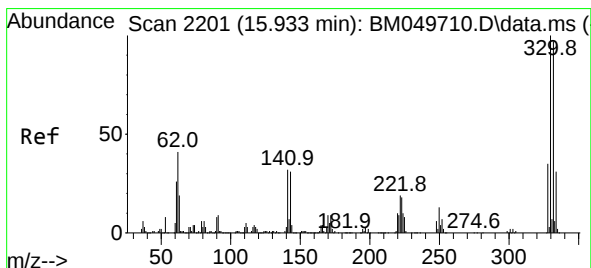
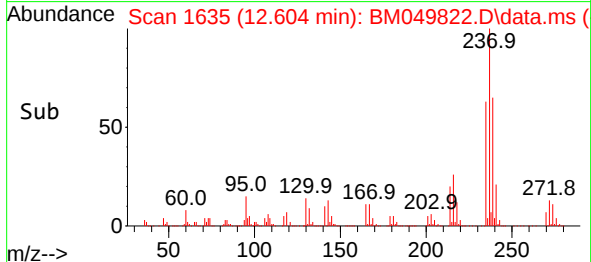
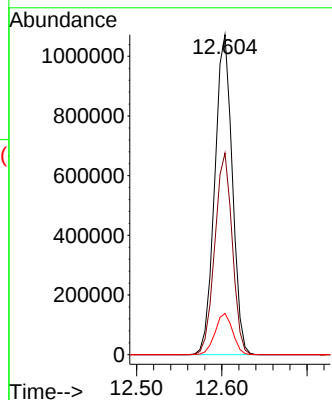
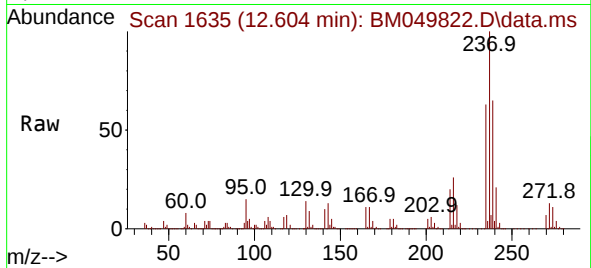




#41
Hexachlorocyclopentadiene
Concen: 183.608 ng
RT: 12.604 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM049822.D
Acq: 04 Apr 2025 14:04

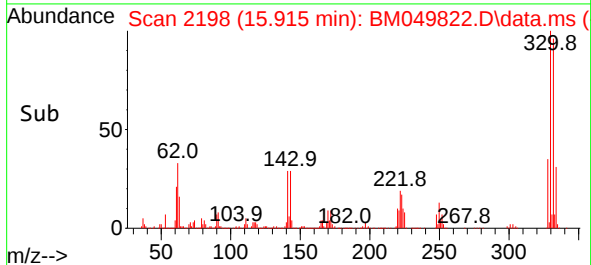
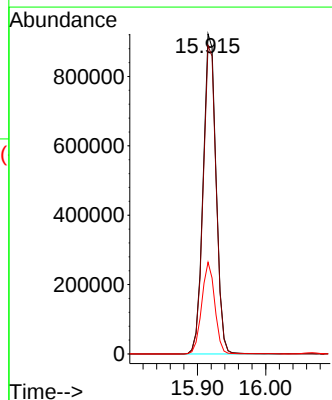
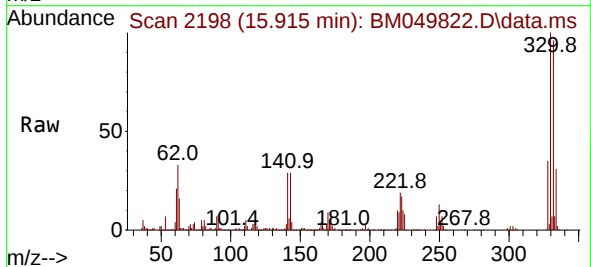
Instrument :
BNA_M
ClientSampleId :
TP-18MS

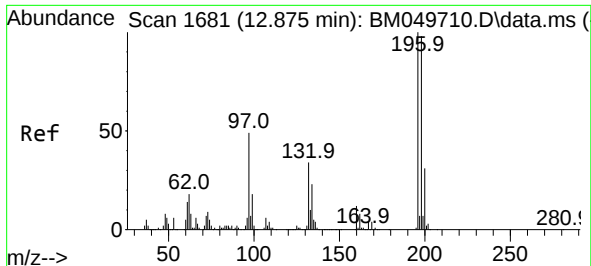
Tgt Ion:237 Resp: 1536993
Ion Ratio Lower Upper
237 100
235 63.0 41.1 81.1
272 12.9 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 169.571 ng
RT: 15.915 min Scan# 2198
Delta R.T. -0.018 min
Lab File: BM049822.D
Acq: 04 Apr 2025 14:04

Tgt Ion:330 Resp: 1218062
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.4
141 28.9 27.8 41.6

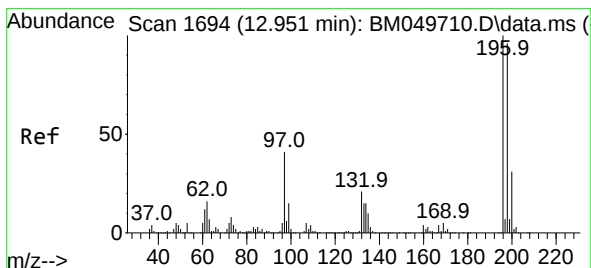
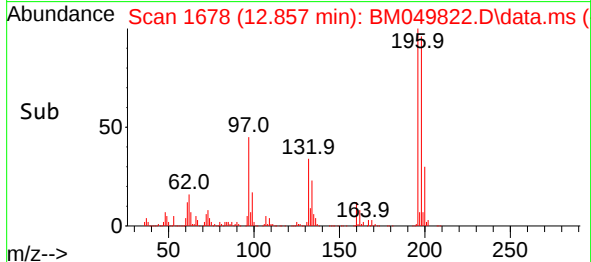
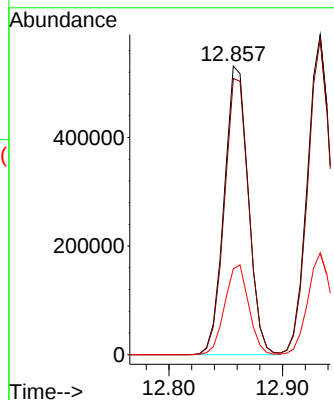
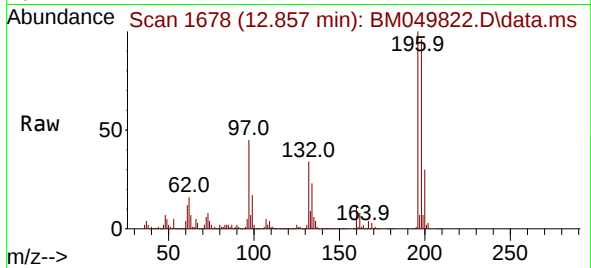




#43
2,4,6-Trichlorophenol
Concen: 62.079 ng
RT: 12.857 min Scan# 1678
Delta R.T. -0.018 min
Lab File: BM049822.D
Acq: 04 Apr 2025 14:04

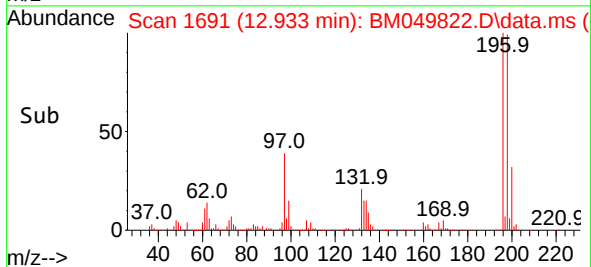
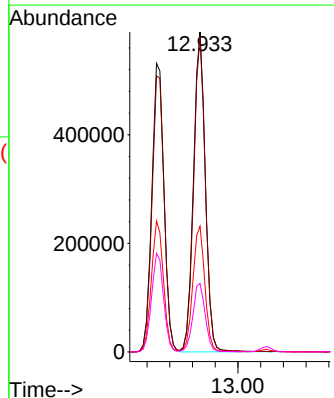
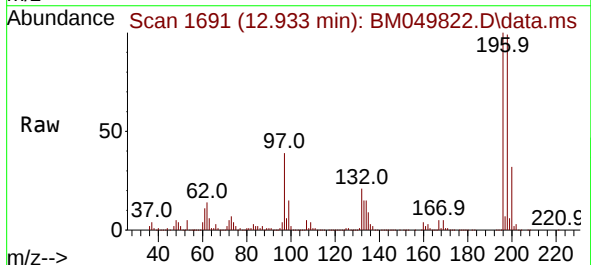
Instrument :
BNA_M
ClientSampleId :
TP-18MS

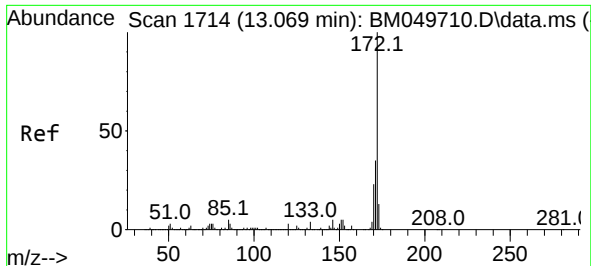
Tgt Ion:196 Resp: 785627
Ion Ratio Lower Upper
196 100
198 95.7 78.3 117.5
200 29.8 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 62.063 ng
RT: 12.933 min Scan# 1691
Delta R.T. -0.018 min
Lab File: BM049822.D
Acq: 04 Apr 2025 14:04

Tgt Ion:196 Resp: 857090
Ion Ratio Lower Upper
196 100
198 98.5 76.7 115.1
97 39.3 32.9 49.3
132 21.4 16.8 25.2

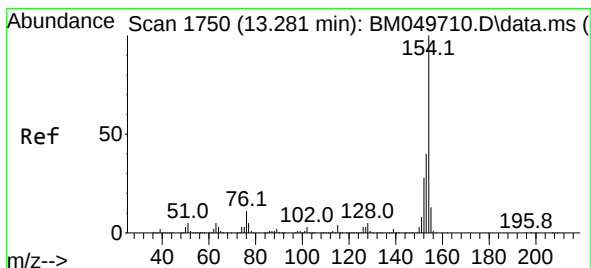
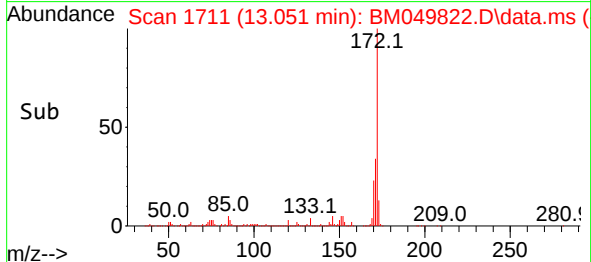
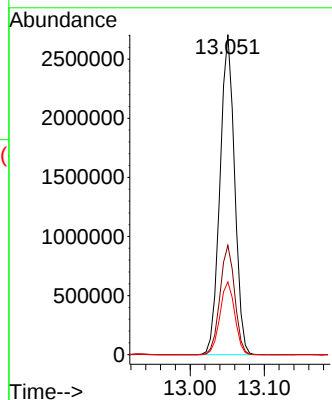
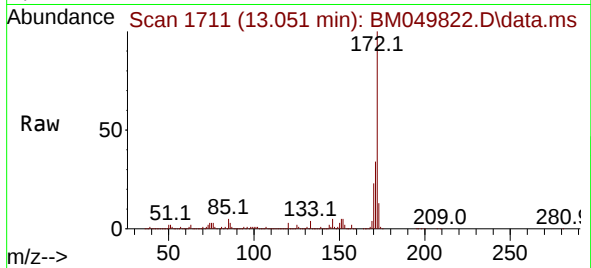




#45
2-Fluorobiphenyl
Concen: 75.594 ng
RT: 13.051 min Scan# 1711
Delta R.T. -0.018 min
Lab File: BM049822.D
Acq: 04 Apr 2025 14:04

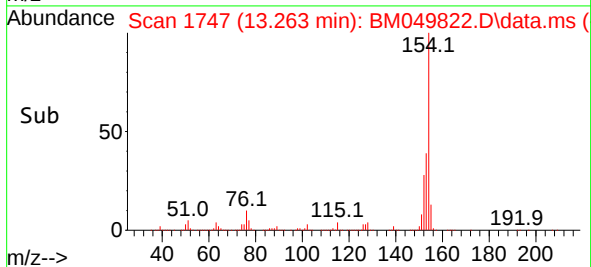
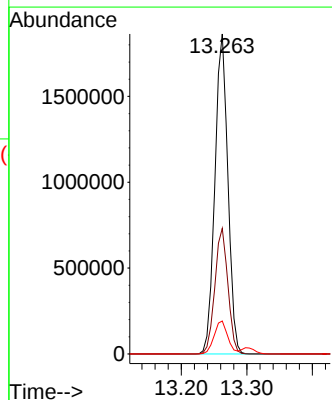
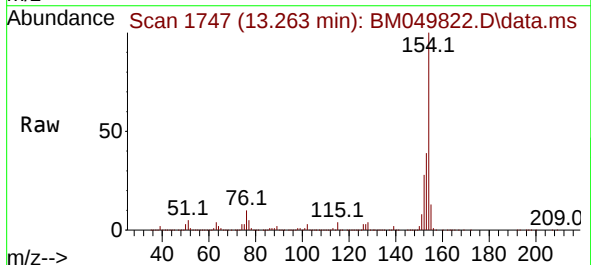
Instrument :
BNA_M
ClientSampleId :
TP-18MS

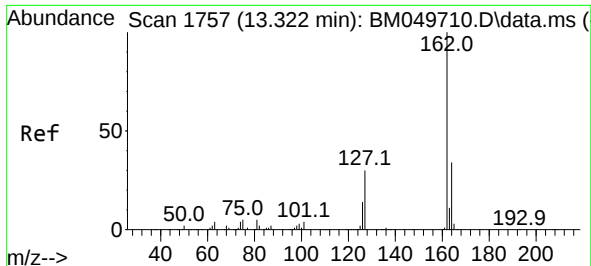
Tgt Ion:172 Resp: 3713115
Ion Ratio Lower Upper
172 100
171 34.2 27.9 41.9
170 22.8 18.6 28.0



#46
1,1'-Biphenyl
Concen: 53.909 ng
RT: 13.263 min Scan# 1747
Delta R.T. -0.018 min
Lab File: BM049822.D
Acq: 04 Apr 2025 14:04

Tgt Ion:154 Resp: 2555863
Ion Ratio Lower Upper
154 100
153 39.3 19.7 59.7
76 10.3 0.0 31.2

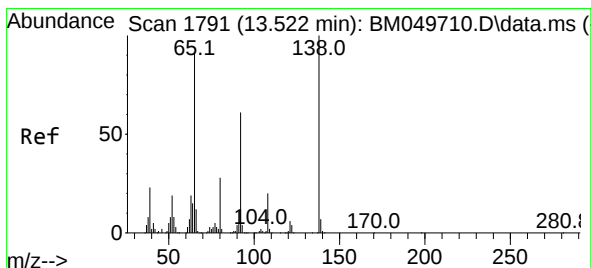
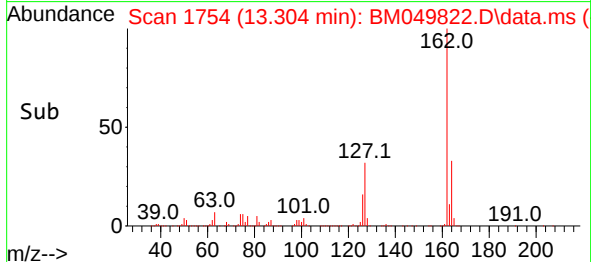
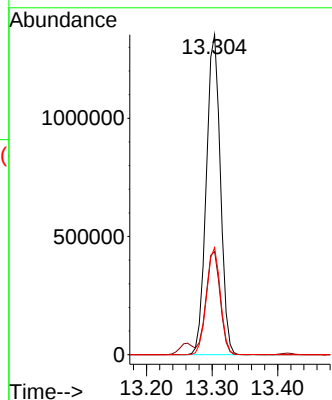
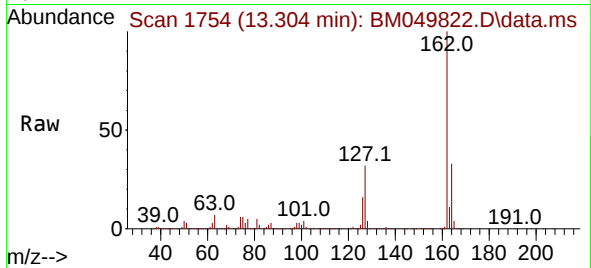




#47
2-Chloronaphthalene
Concen: 54.897 ng
RT: 13.304 min Scan# 1754
Delta R.T. -0.018 min
Lab File: BM049822.D
Acq: 04 Apr 2025 14:04

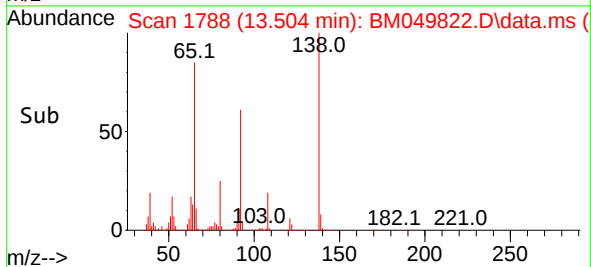
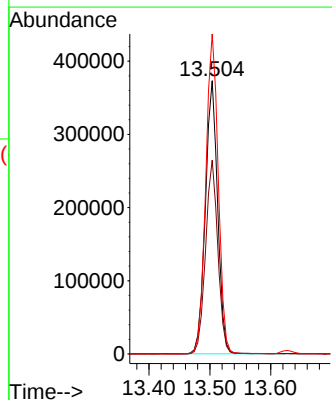
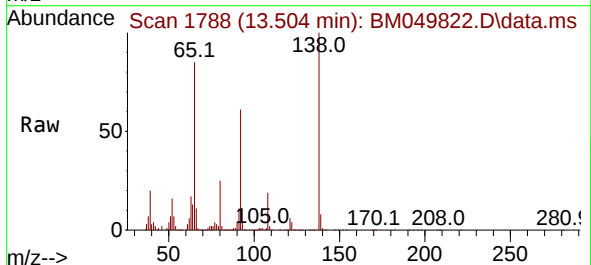
Instrument :
BNA_M
ClientSampleId :
TP-18MS

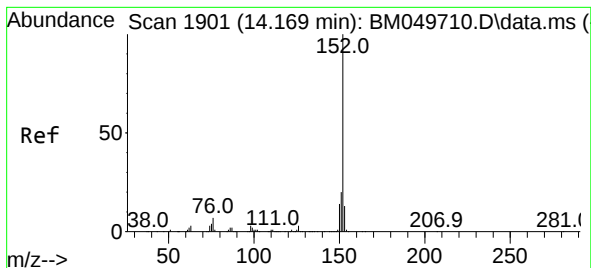
Tgt Ion:162 Resp: 2025871
Ion Ratio Lower Upper
162 100
127 32.3 25.8 38.6
164 33.4 27.1 40.7



#48
2-Nitroaniline
Concen: 63.188 ng
RT: 13.504 min Scan# 1788
Delta R.T. -0.018 min
Lab File: BM049822.D
Acq: 04 Apr 2025 14:04

Tgt Ion: 65 Resp: 523464
Ion Ratio Lower Upper
65 100
92 70.9 53.4 80.2
138 117.1 87.6 131.4





#49

Acenaphthylene

Concen: 62.409 ng

RT: 14.151 min Scan# 1898

Delta R.T. -0.018 min

Lab File: BM049822.D

Acq: 04 Apr 2025 14:04

Instrument :

BNA_M

ClientSampleId :

TP-18MS

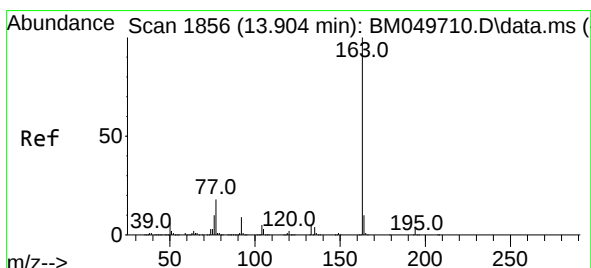
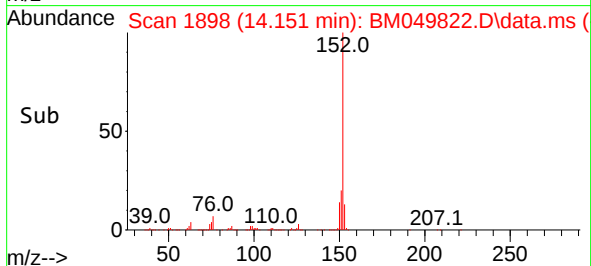
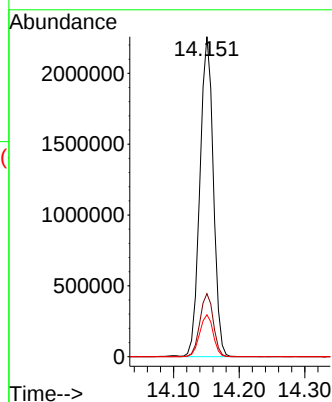
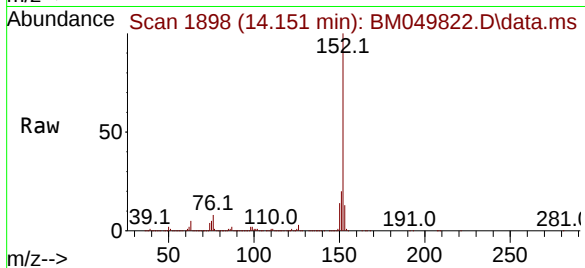
Tgt Ion:152 Resp: 3219220

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.8

153 13.1 10.2 15.4



#50

Dimethylphthalate

Concen: 59.620 ng

RT: 13.886 min Scan# 1853

Delta R.T. -0.018 min

Lab File: BM049822.D

Acq: 04 Apr 2025 14:04

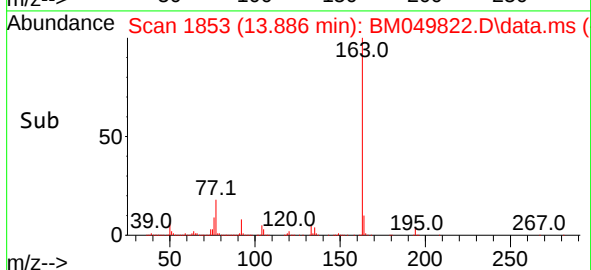
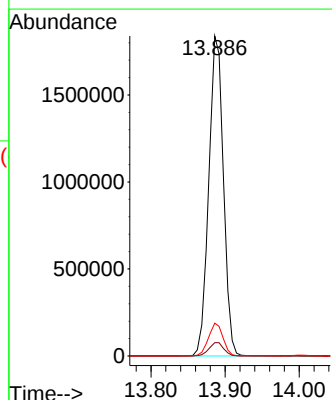
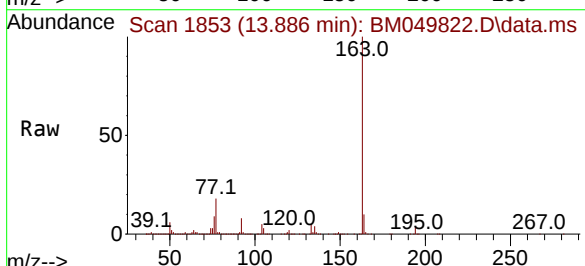
Tgt Ion:163 Resp: 2525092

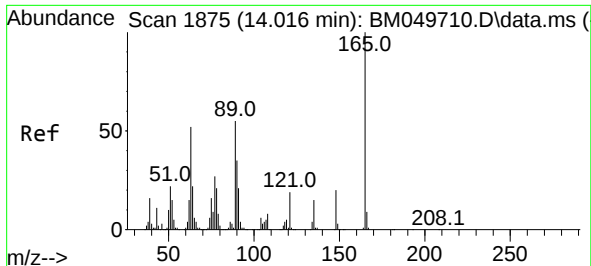
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.3 8.2 12.2

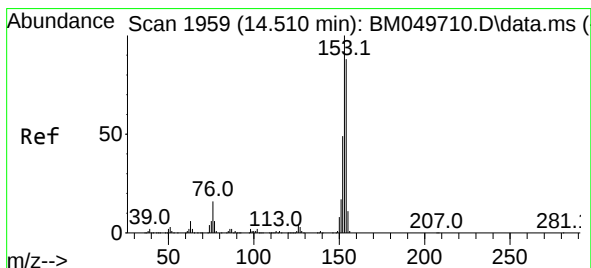
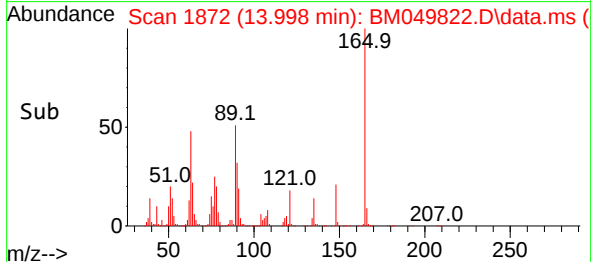
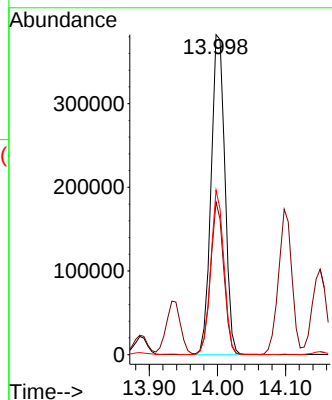
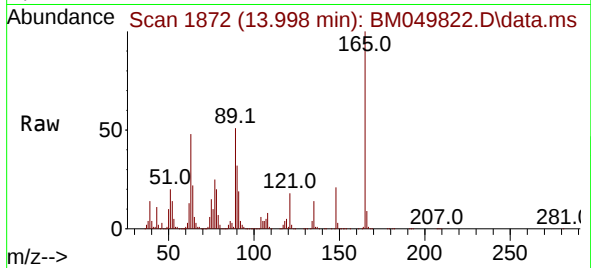




#51
2,6-Dinitrotoluene
Concen: 63.625 ng
RT: 13.998 min Scan# 1875
Delta R.T. -0.018 min
Lab File: BM049822.D
Acq: 04 Apr 2025 14:04

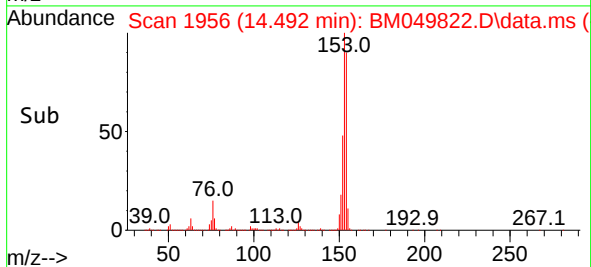
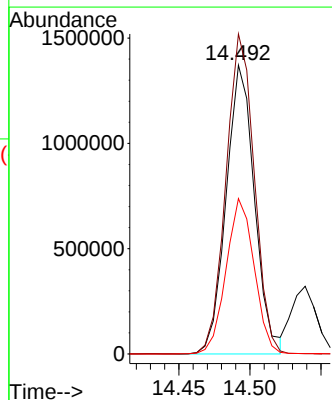
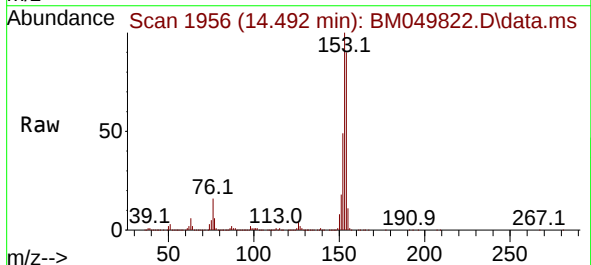
Instrument :
BNA_M
ClientSampleId :
TP-18MS

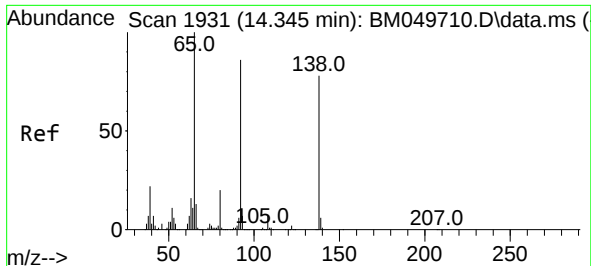
Tgt Ion:165 Resp: 539942
Ion Ratio Lower Upper
165 100
63 47.7 42.3 63.5
89 51.4 43.9 65.9



#52
Acenaphthene
Concen: 56.330 ng
RT: 14.492 min Scan# 1956
Delta R.T. -0.018 min
Lab File: BM049822.D
Acq: 04 Apr 2025 14:04

Tgt Ion:154 Resp: 1905929
Ion Ratio Lower Upper
154 100
153 110.8 90.4 135.6
152 53.8 44.2 66.2

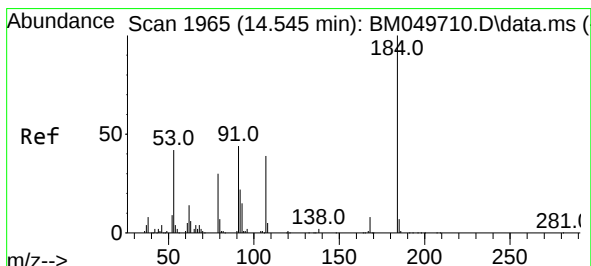
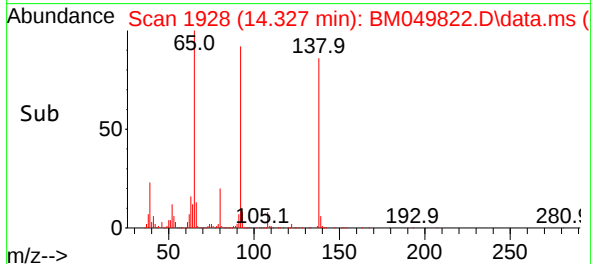
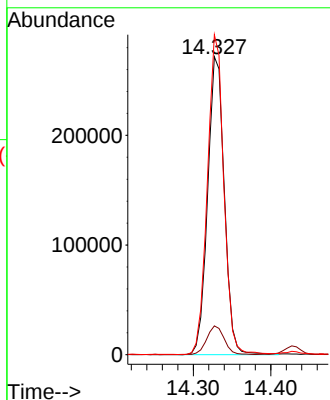
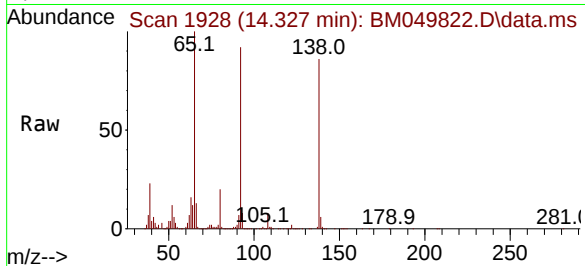




#53
3-Nitroaniline
Concen: 50.379 ng
RT: 14.327 min Scan# 1931
Delta R.T. -0.018 min
Lab File: BM049822.D
Acq: 04 Apr 2025 14:04

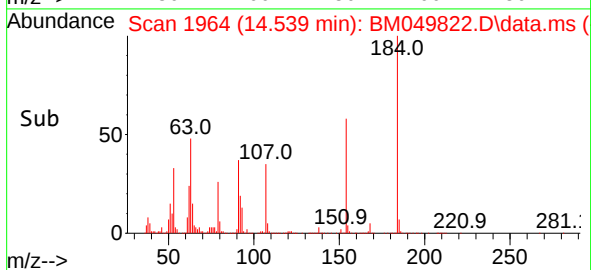
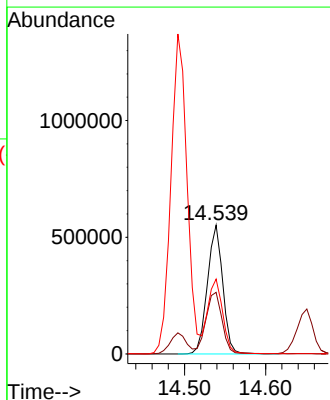
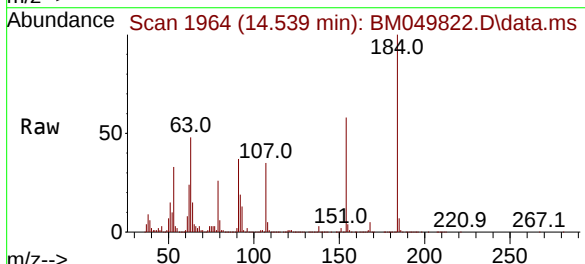
Instrument :
BNA_M
ClientSampleId :
TP-18MS

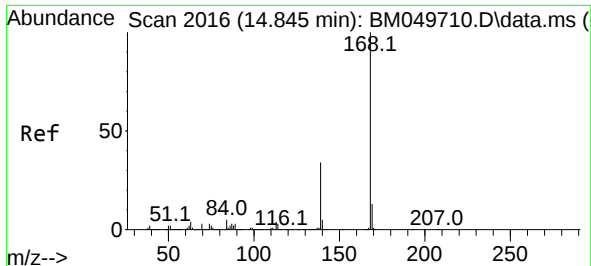
Tgt Ion:138 Resp: 406842
Ion Ratio Lower Upper
138 100
108 9.7 7.5 11.3
92 107.4 88.0 132.0



#54
2,4-Dinitrophenol
Concen: 114.154 ng
RT: 14.539 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BM049822.D
Acq: 04 Apr 2025 14:04

Tgt Ion:184 Resp: 724794
Ion Ratio Lower Upper
184 100
63 47.8 47.2 70.8
154 58.2 49.9 74.9

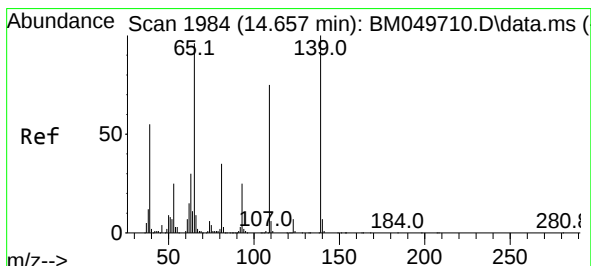
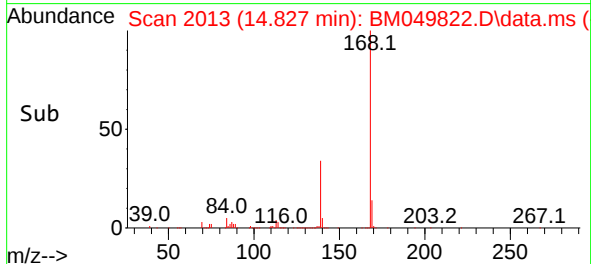
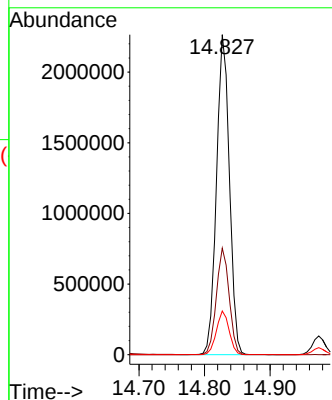
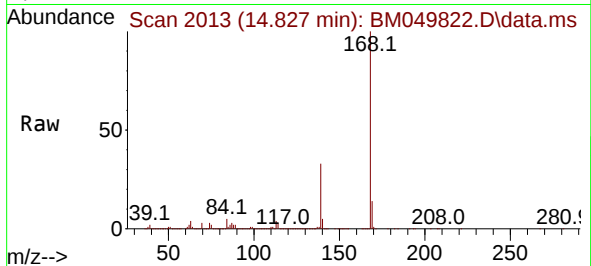




#55
Dibenzenofuran
Concen: 54.758 ng
RT: 14.827 min Scan# 2016
Delta R.T. -0.018 min
Lab File: BM049822.D
Acq: 04 Apr 2025 14:04

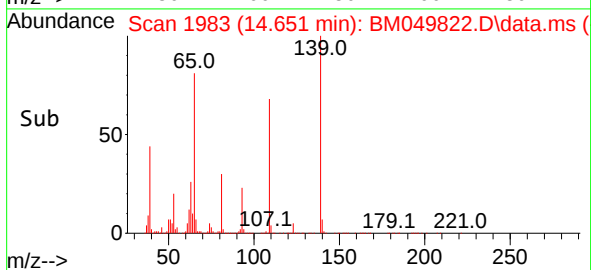
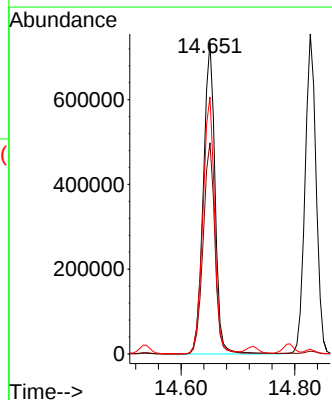
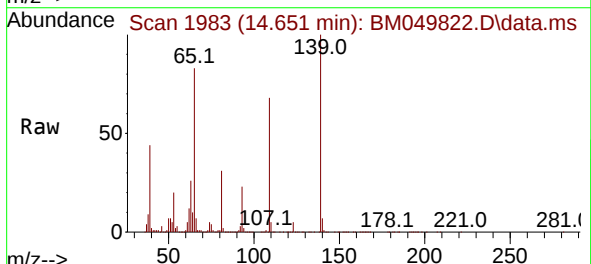
Instrument :
BNA_M
ClientSampleId :
TP-18MS

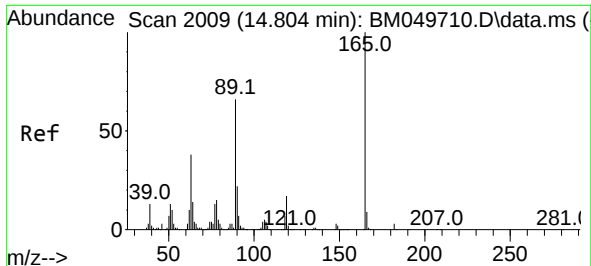
Tgt Ion:168 Resp: 3087250
Ion Ratio Lower Upper
168 100
139 33.3 27.4 41.0
169 13.6 10.7 16.1



#56
4-Nitrophenol
Concen: 149.310 ng
RT: 14.651 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BM049822.D
Acq: 04 Apr 2025 14:04

Tgt Ion:139 Resp: 1049567
Ion Ratio Lower Upper
139 100
109 67.8 54.7 94.7
65 82.5 76.2 116.2

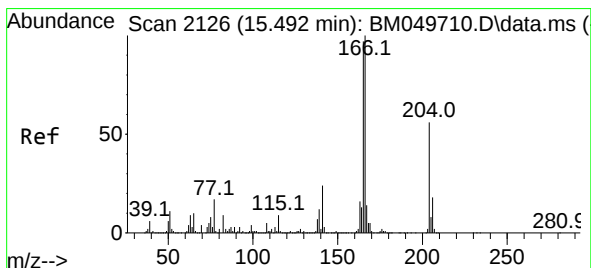
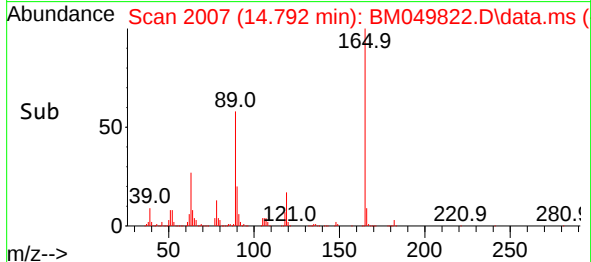
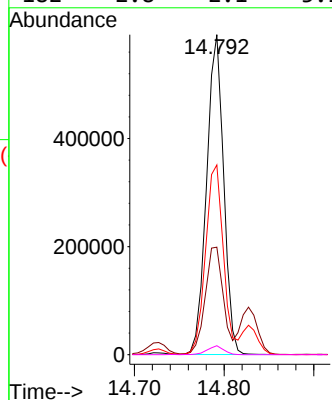
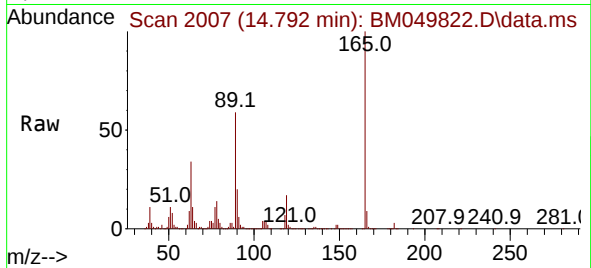




#57
2,4-Dinitrotoluene
Concen: 71.453 ng
RT: 14.792 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BM049822.D
Acq: 04 Apr 2025 14:04

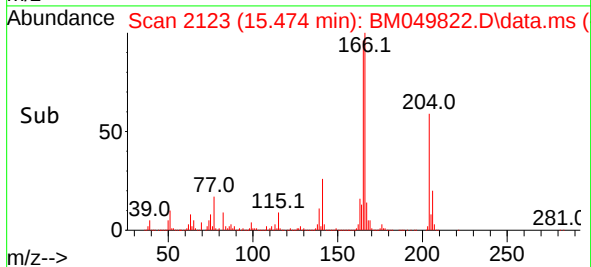
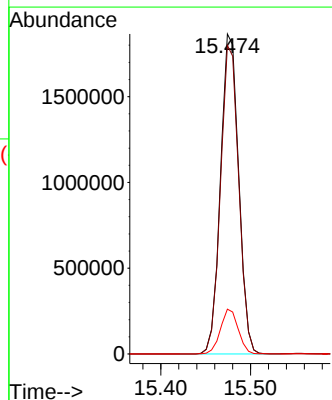
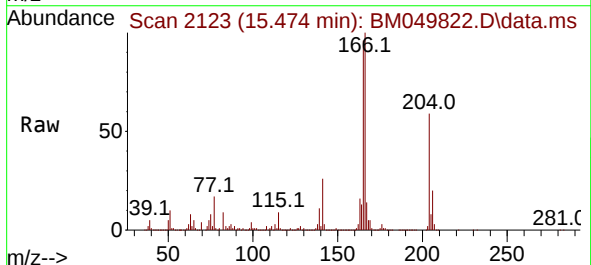
Instrument :
BNA_M
ClientSampleId :
TP-18MS

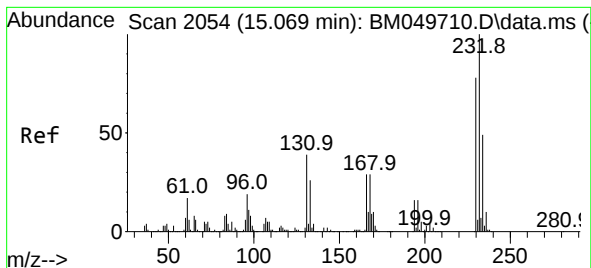
Tgt Ion:165 Resp: 780259
Ion Ratio Lower Upper
165 100
63 33.6 30.8 46.2
89 59.3 53.1 79.7
182 2.8 2.1 3.1



#58
Fluorene
Concen: 57.109 ng
RT: 15.474 min Scan# 2123
Delta R.T. -0.018 min
Lab File: BM049822.D
Acq: 04 Apr 2025 14:04

Tgt Ion:166 Resp: 2621466
Ion Ratio Lower Upper
166 100
165 96.5 77.5 116.3
167 14.0 10.9 16.3

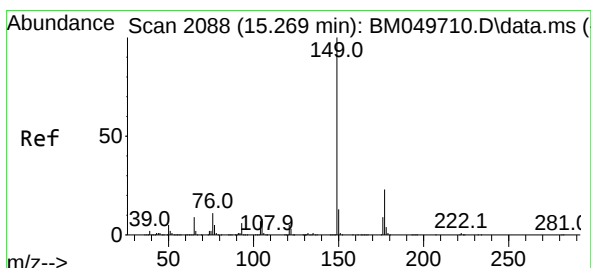
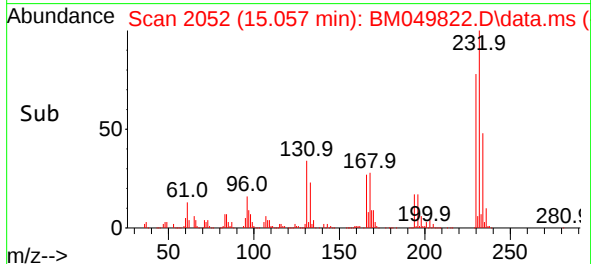
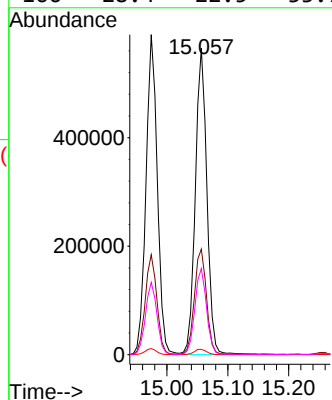
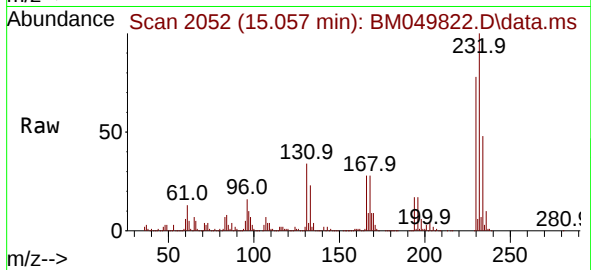




#59
2,3,4,6-Tetrachlorophenol
Concen: 64.334 ng
RT: 15.057 min Scan# 2052
Delta R.T. -0.012 min
Lab File: BM049822.D
Acq: 04 Apr 2025 14:04

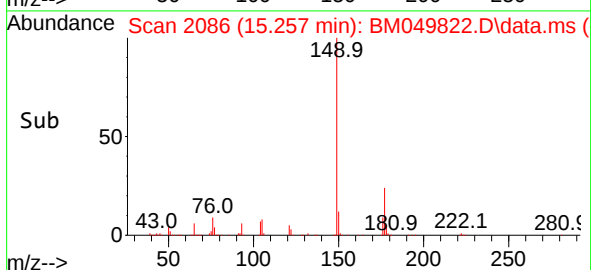
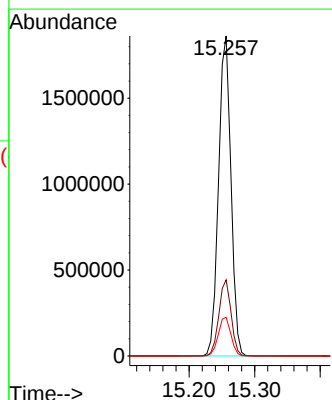
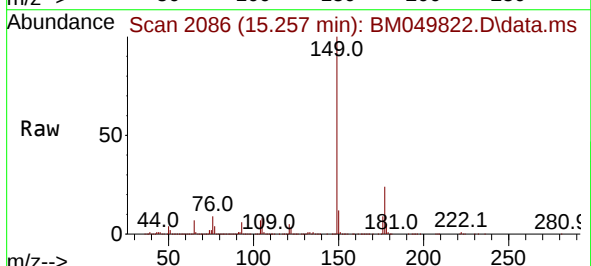
Instrument :
BNA_M
ClientSampleId :
TP-18MS

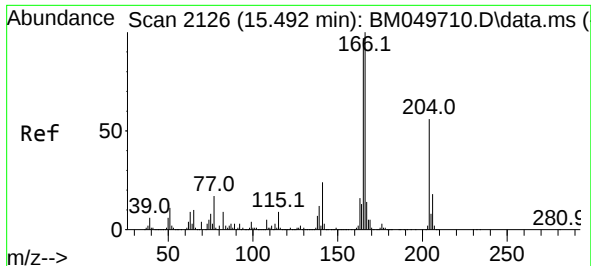
Tgt Ion:232 Resp: 743698
Ion Ratio Lower Upper
232 100
131 35.6 30.0 45.0
130 1.9 1.6 2.4
166 28.4 22.5 33.7



#60
Diethylphthalate
Concen: 60.903 ng
RT: 15.257 min Scan# 2086
Delta R.T. -0.012 min
Lab File: BM049822.D
Acq: 04 Apr 2025 14:04

Tgt Ion:149 Resp: 2429368
Ion Ratio Lower Upper
149 100
177 23.8 18.2 27.2
150 12.1 10.0 15.0

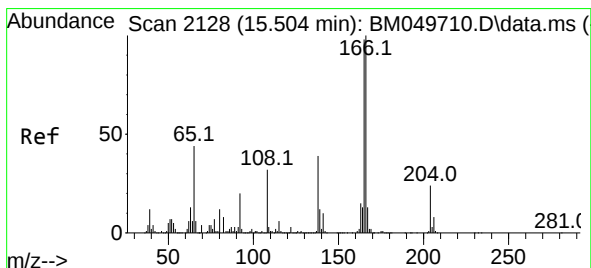
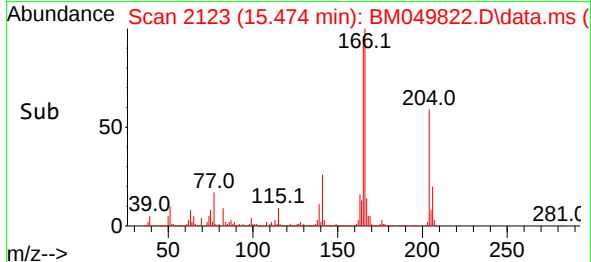
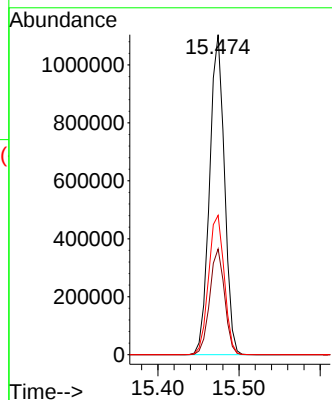
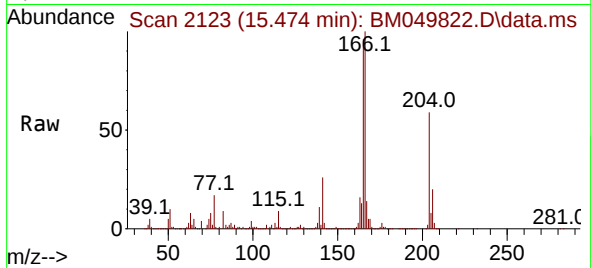




#61
4-Chlorophenyl-phenylether
Concen: 55.990 ng
RT: 15.474 min Scan# 2123
Delta R.T. -0.018 min
Lab File: BM049822.D
Acq: 04 Apr 2025 14:04

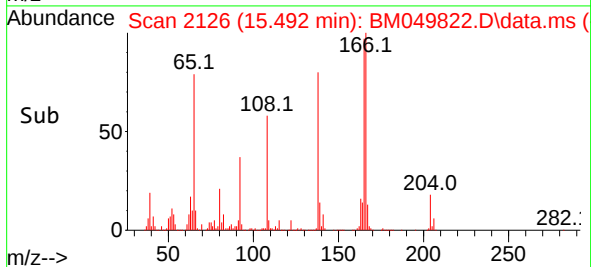
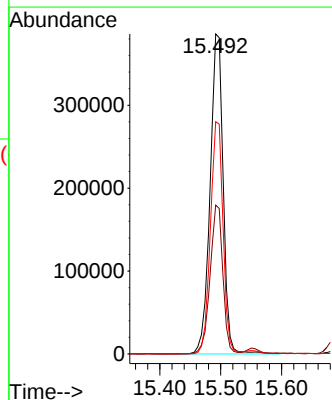
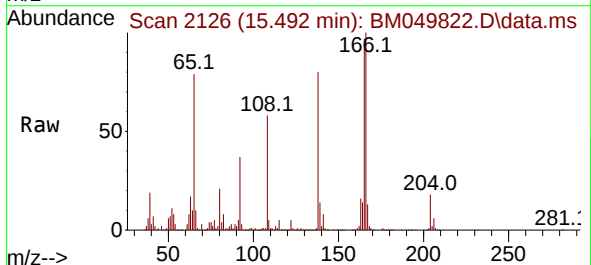
Instrument :
BNA_M
ClientSampleId :
TP-18MS

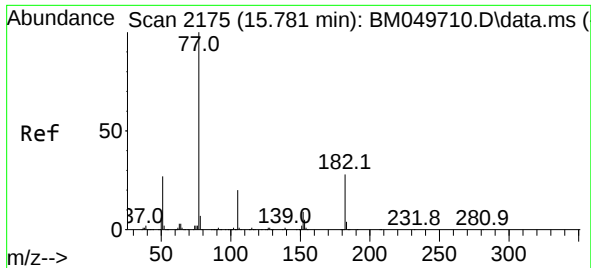
Tgt Ion:204 Resp: 1403445
Ion Ratio Lower Upper
204 100
206 33.1 25.2 37.8
141 43.5 34.5 51.7



#62
4-Nitroaniline
Concen: 59.154 ng
RT: 15.492 min Scan# 2126
Delta R.T. -0.012 min
Lab File: BM049822.D
Acq: 04 Apr 2025 14:04

Tgt Ion:138 Resp: 577469
Ion Ratio Lower Upper
138 100
92 46.5 29.8 69.8
108 72.6 61.3 101.3

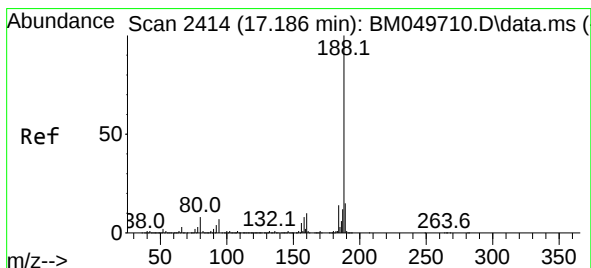
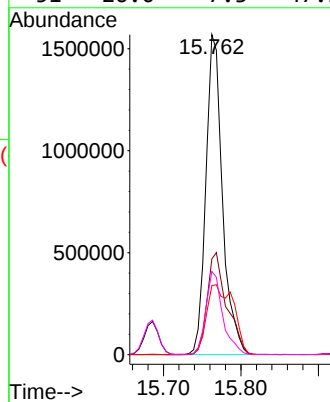
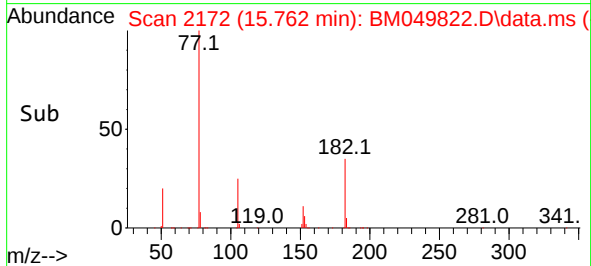
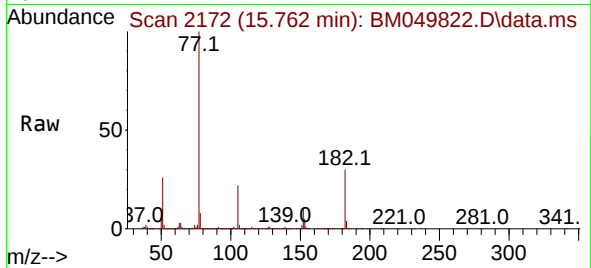




#63
Azobenzene
Concen: 61.149 ng
RT: 15.762 min Scan# 2172
Delta R.T. -0.018 min
Lab File: BM049822.D
Acq: 04 Apr 2025 14:04

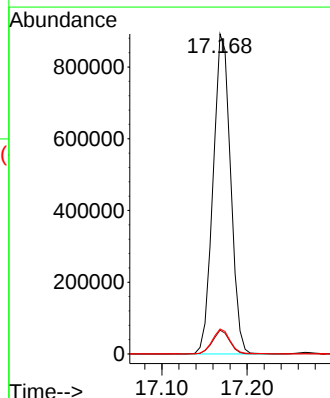
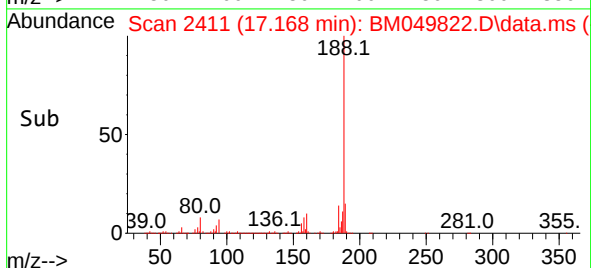
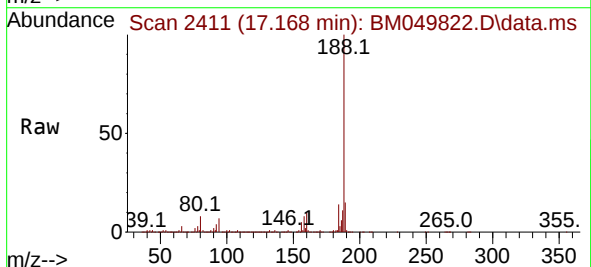
Instrument :
BNA_M
ClientSampleId :
TP-18MS

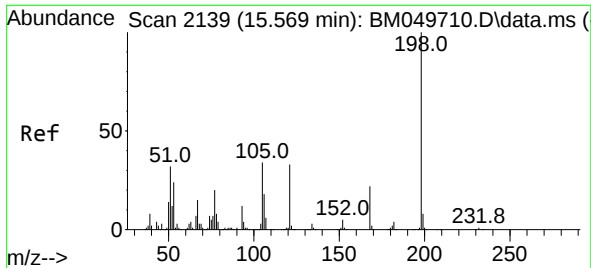
Tgt Ion: 77 Resp: 2329851
Ion Ratio Lower Upper
77 100
182 30.0 8.0 48.0
105 21.6 0.0 40.0
51 26.0 7.3 47.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.168 min Scan# 2411
Delta R.T. -0.018 min
Lab File: BM049822.D
Acq: 04 Apr 2025 14:04

Tgt Ion:188 Resp: 1270321
Ion Ratio Lower Upper
188 100
94 7.4 5.8 8.6
80 7.8 6.3 9.5

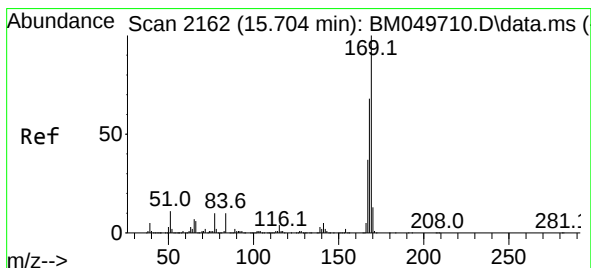
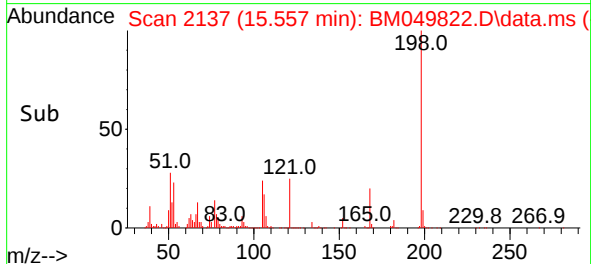
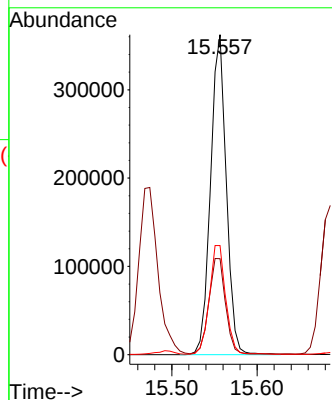
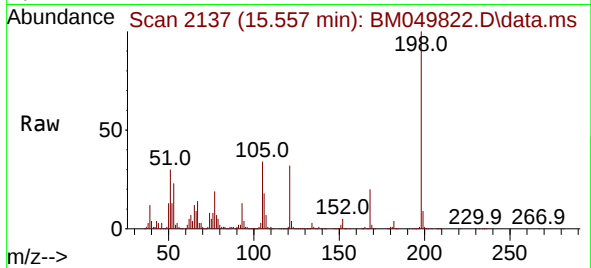




#65
4,6-Dinitro-2-methylphenol
Concen: 62.160 ng
RT: 15.557 min Scan# 2137
Delta R.T. -0.013 min
Lab File: BM049822.D
Acq: 04 Apr 2025 14:04

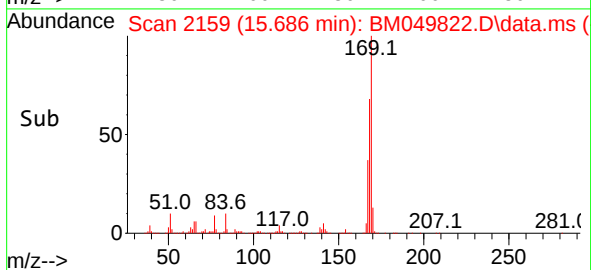
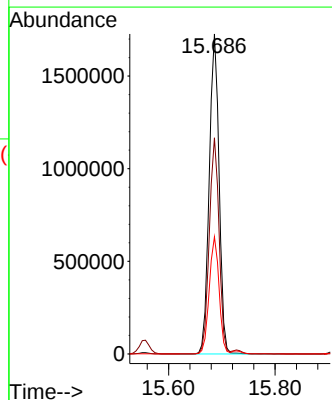
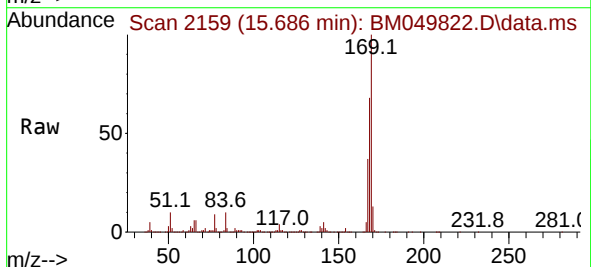
Instrument :
BNA_M
ClientSampleId :
TP-18MS

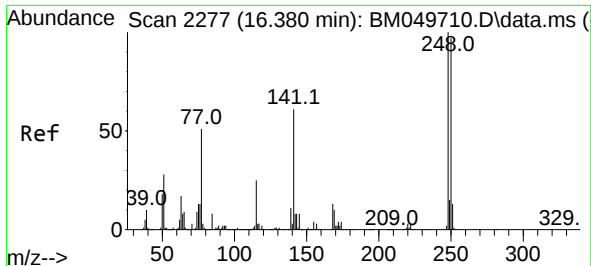
Tgt Ion:198 Resp: 464417
Ion Ratio Lower Upper
198 100
51 30.0 13.8 53.8
105 34.1 14.0 54.0



#66
n-Nitrosodiphenylamine
Concen: 57.575 ng
RT: 15.686 min Scan# 2159
Delta R.T. -0.018 min
Lab File: BM049822.D
Acq: 04 Apr 2025 14:04

Tgt Ion:169 Resp: 2215938
Ion Ratio Lower Upper
169 100
168 67.5 54.8 82.2
167 36.6 29.9 44.9

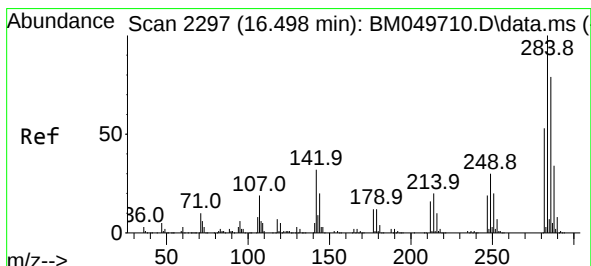
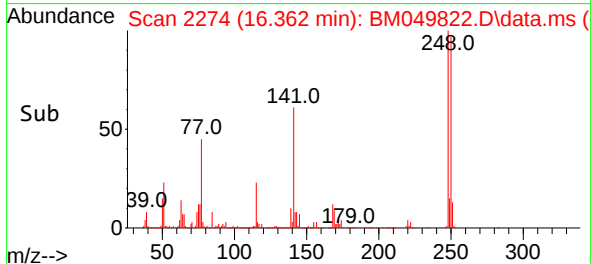
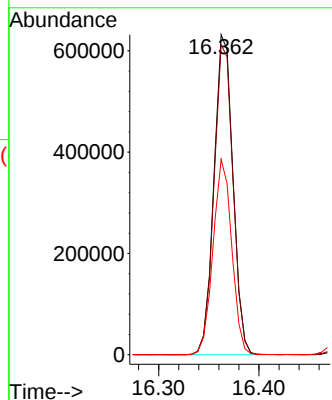
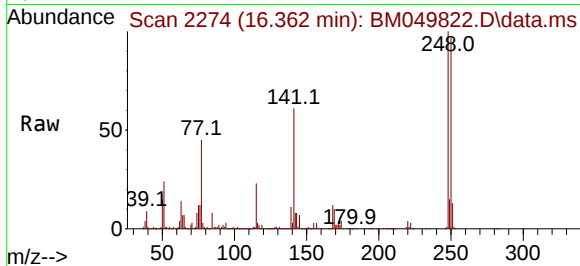




#67
4-Bromophenyl-phenylether
Concen: 56.567 ng
RT: 16.362 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM049822.D
Acq: 04 Apr 2025 14:04

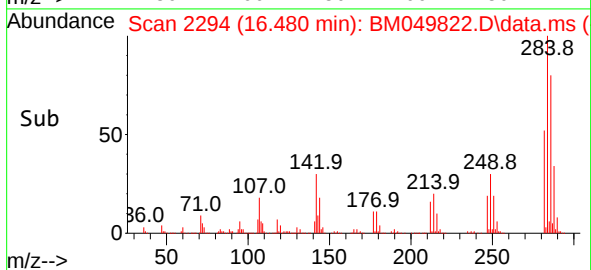
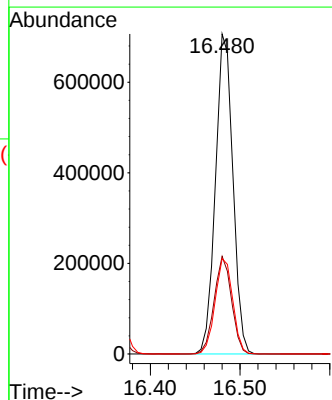
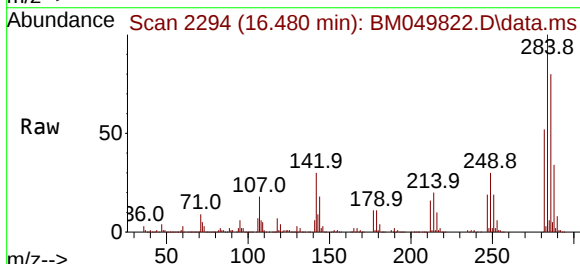
Instrument :
BNA_M
ClientSampleId :
TP-18MS

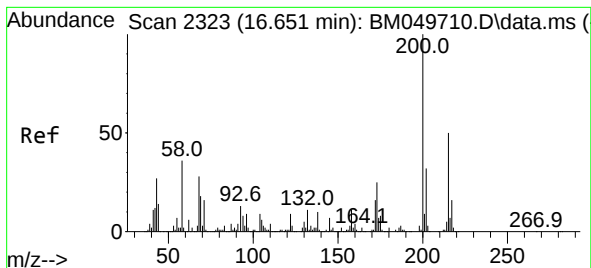
Tgt Ion:248 Resp: 829647
Ion Ratio Lower Upper
248 100
250 96.8 77.9 116.9
141 61.0 48.6 73.0



#68
Hexachlorobenzene
Concen: 57.756 ng
RT: 16.480 min Scan# 2294
Delta R.T. -0.018 min
Lab File: BM049822.D
Acq: 04 Apr 2025 14:04

Tgt Ion:284 Resp: 952565
Ion Ratio Lower Upper
284 100
142 30.5 25.5 38.3
249 29.8 24.2 36.2





#69

Atrazine

Concen: 98.313 ng

RT: 16.639 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM049822.D

Acq: 04 Apr 2025 14:04

Instrument :

BNA_M

ClientSampleId :

TP-18MS

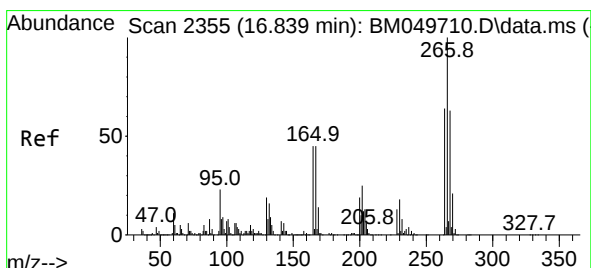
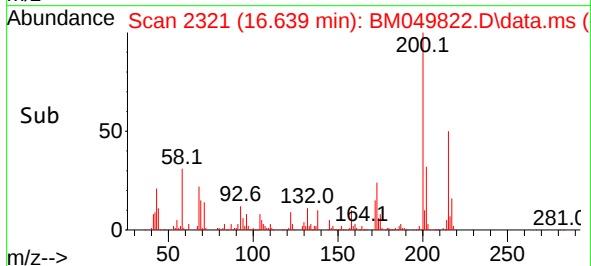
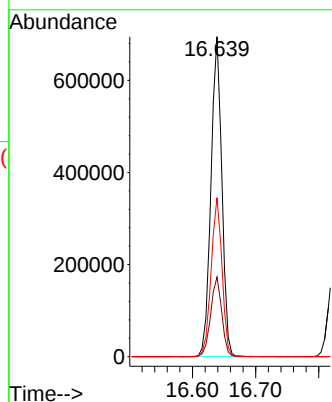
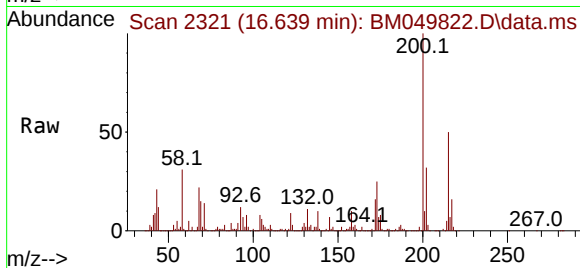
Tgt Ion:200 Resp: 833909

Ion Ratio Lower Upper

200 100

173 24.9 5.4 45.4

215 49.7 29.8 69.8



#70

Pentachlorophenol

Concen: 140.859 ng

RT: 16.827 min Scan# 2353

Delta R.T. -0.012 min

Lab File: BM049822.D

Acq: 04 Apr 2025 14:04

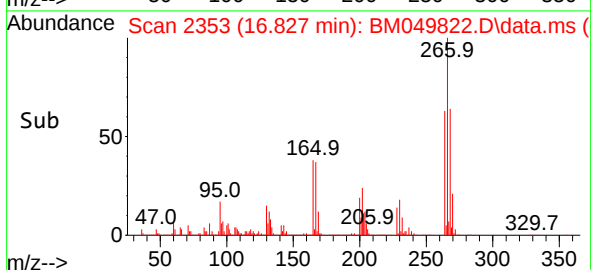
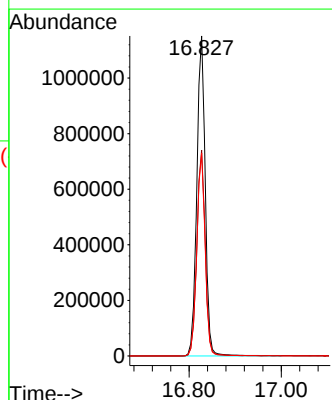
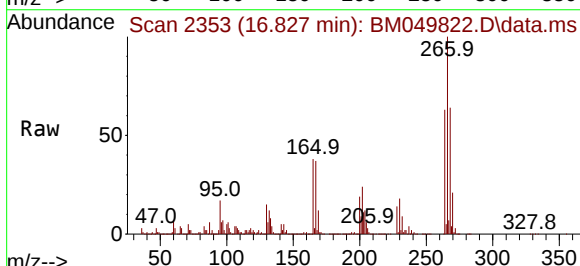
Tgt Ion:266 Resp: 1459951

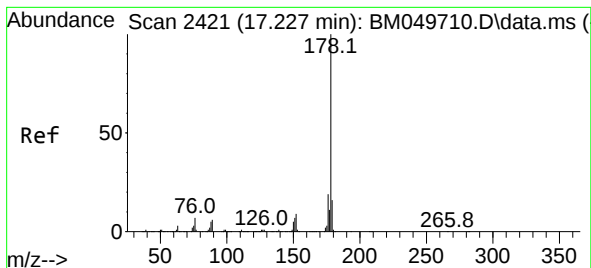
Ion Ratio Lower Upper

266 100

268 64.3 50.2 75.2

264 63.4 51.3 76.9





#71

Phenanthrene

Concen: 58.616 ng

RT: 17.215 min Scan# 24

Delta R.T. -0.012 min

Lab File: BM049822.D

Acq: 04 Apr 2025 14:04

Instrument :

BNA_M

ClientSampleId :

TP-18MS

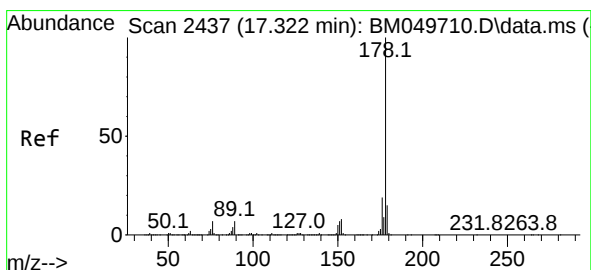
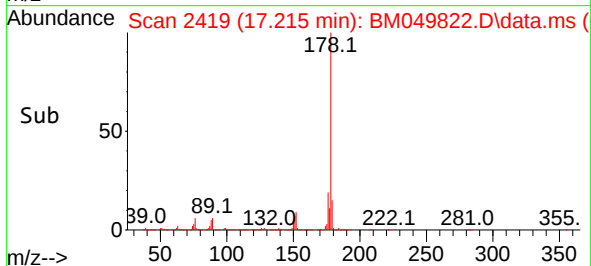
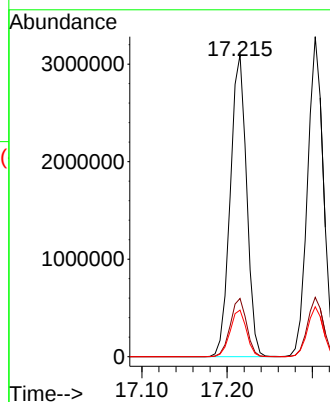
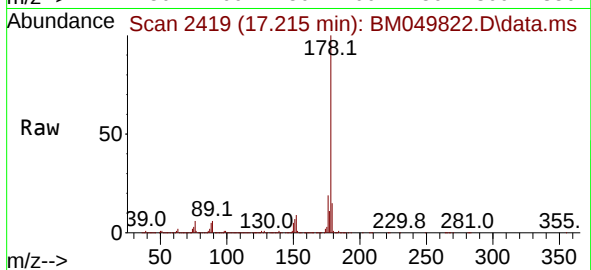
Tgt Ion:178 Resp: 4134673

Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

179 15.4 12.5 18.7



#72

Anthracene

Concen: 61.685 ng

RT: 17.303 min Scan# 2434

Delta R.T. -0.018 min

Lab File: BM049822.D

Acq: 04 Apr 2025 14:04

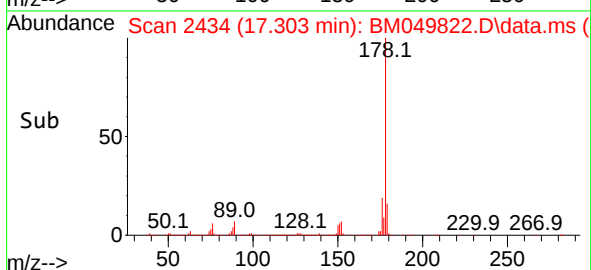
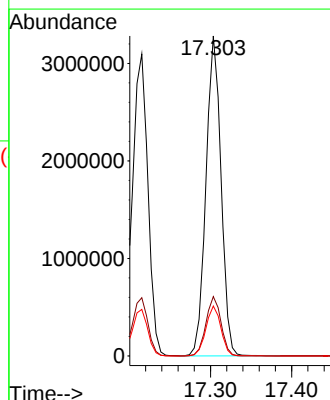
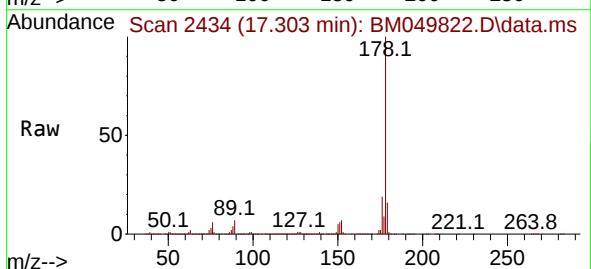
Tgt Ion:178 Resp: 4213859

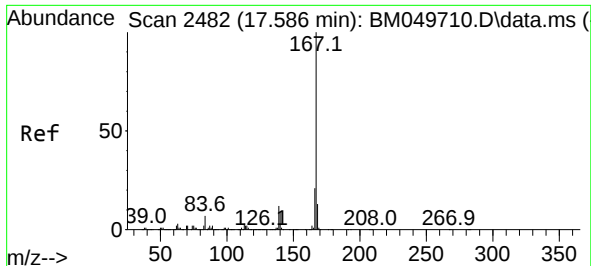
Ion Ratio Lower Upper

178 100

176 18.5 15.1 22.7

179 15.6 12.4 18.6

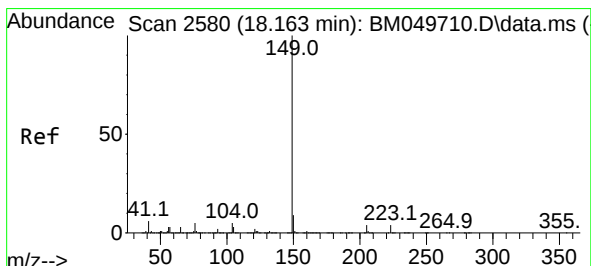
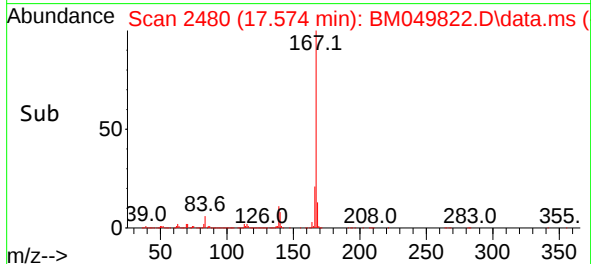
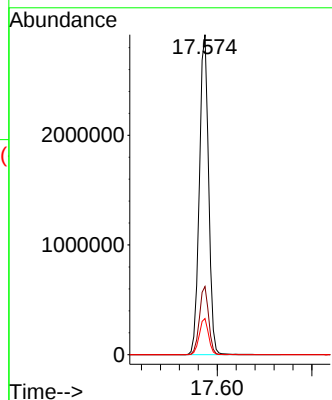
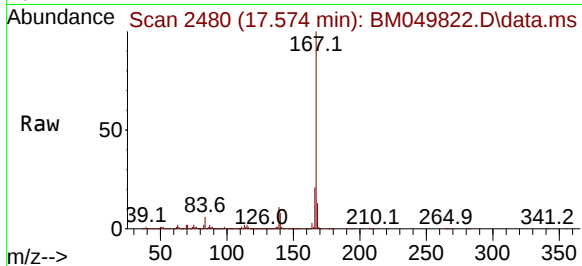




#73
 Carbazole
 Concen: 63.638 ng
 RT: 17.574 min Scan# 24
 Delta R.T. -0.012 min
 Lab File: BM049822.D
 Acq: 04 Apr 2025 14:04

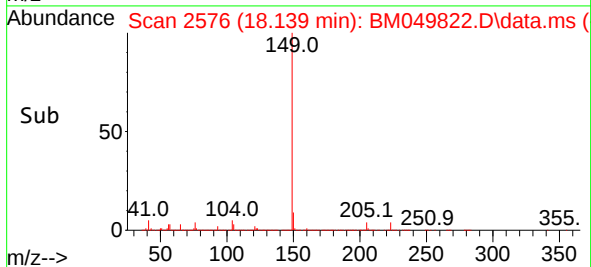
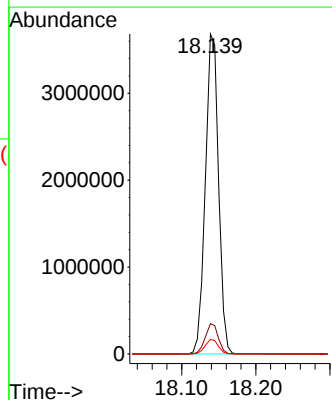
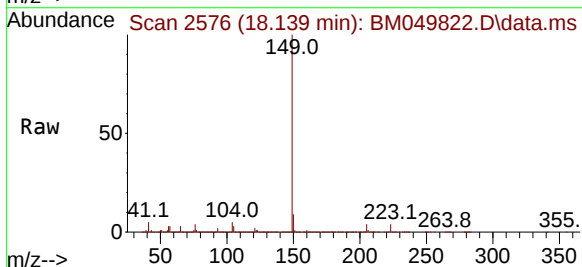
Instrument :
 BNA_M
 ClientSampleId :
 TP-18MS

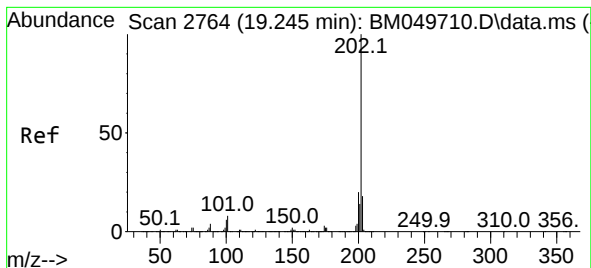
Tgt Ion:167 Resp: 3937085
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.0 25.6
 139 11.3 9.4 14.2



#74
 Di-n-butylphthalate
 Concen: 67.006 ng
 RT: 18.139 min Scan# 2576
 Delta R.T. -0.024 min
 Lab File: BM049822.D
 Acq: 04 Apr 2025 14:04

Tgt Ion:149 Resp: 4543545
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.2 10.8
 104 4.6 3.9 5.9

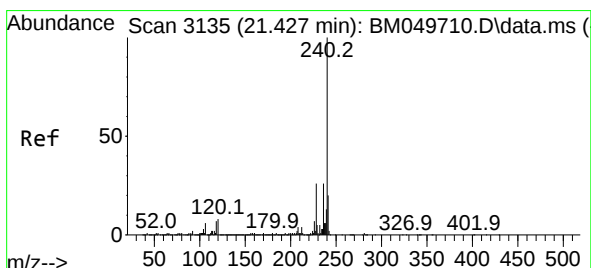
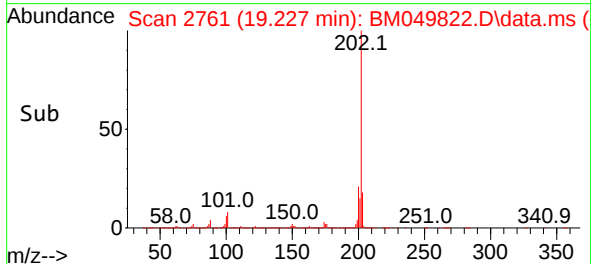
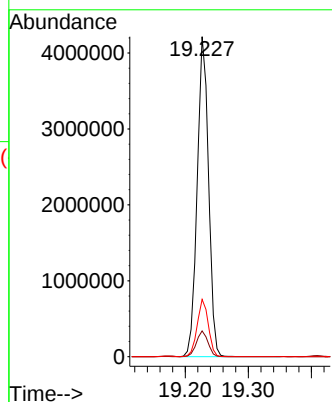
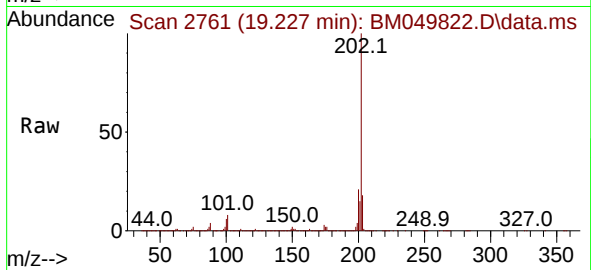




#75
Fluoranthene
Concen: 64.582 ng
RT: 19.227 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM049822.D
Acq: 04 Apr 2025 14:04

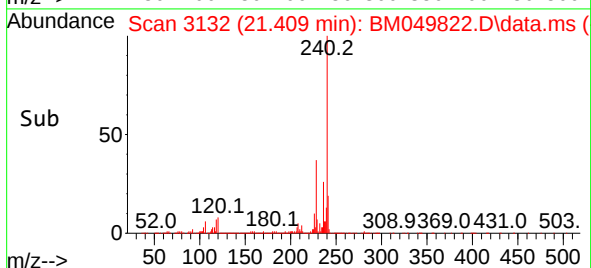
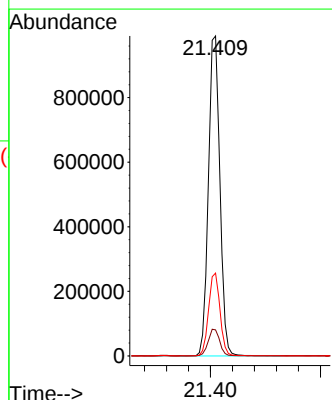
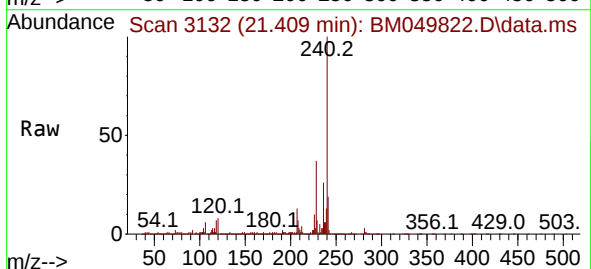
Instrument :
BNA_M
ClientSampleId :
TP-18MS

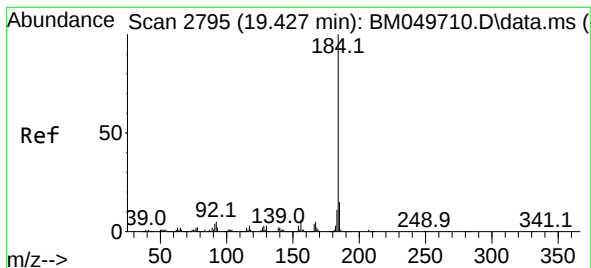
Tgt Ion:202 Resp: 5244692
Ion Ratio Lower Upper
202 100
101 8.0 0.0 27.8
203 17.9 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.409 min Scan# 3132
Delta R.T. -0.018 min
Lab File: BM049822.D
Acq: 04 Apr 2025 14:04

Tgt Ion:240 Resp: 1433254
Ion Ratio Lower Upper
240 100
120 8.2 6.5 9.7
236 25.9 20.7 31.1





#77

Benzidine

Concen: 168.948 ng

RT: 19.409 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM049822.D

Acq: 04 Apr 2025 14:04

Instrument :

BNA_M

ClientSampleId :

TP-18MS

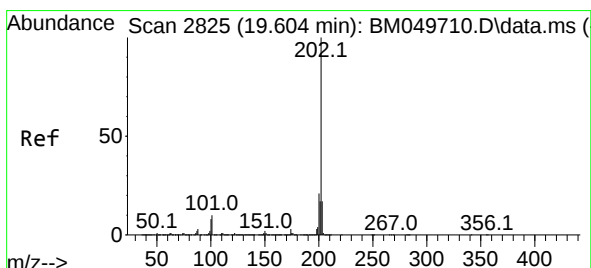
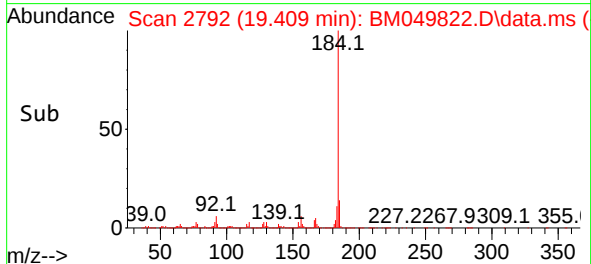
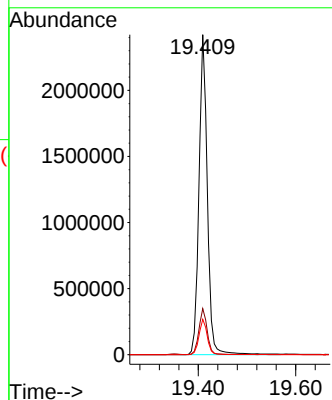
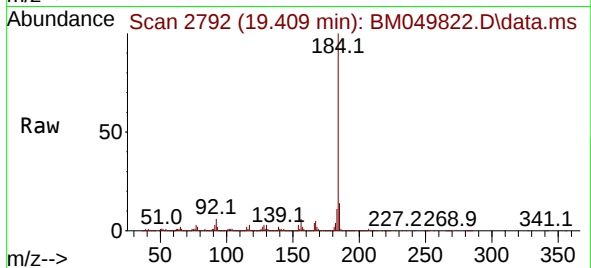
Tgt Ion:184 Resp: 2909137

Ion Ratio Lower Upper

184 100

185 14.4 11.7 17.5

183 11.0 8.8 13.2



#78

Pyrene

Concen: 54.380 ng

RT: 19.592 min Scan# 2823

Delta R.T. -0.012 min

Lab File: BM049822.D

Acq: 04 Apr 2025 14:04

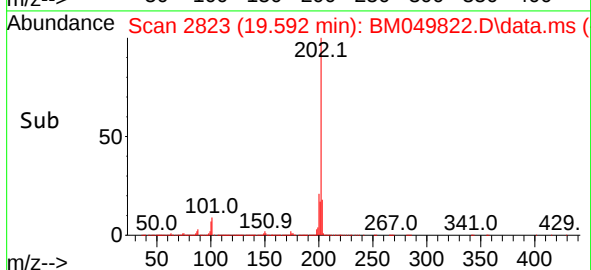
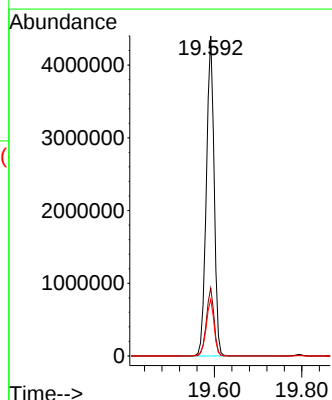
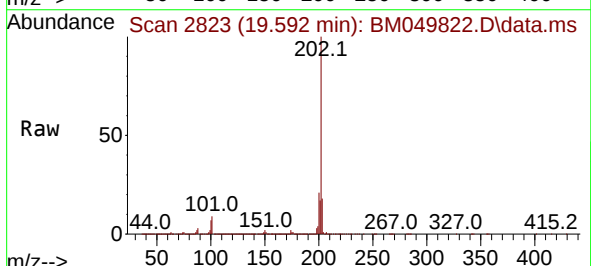
Tgt Ion:202 Resp: 5445406

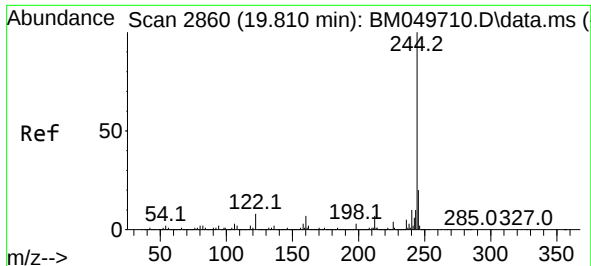
Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.4

203 17.6 14.0 21.0

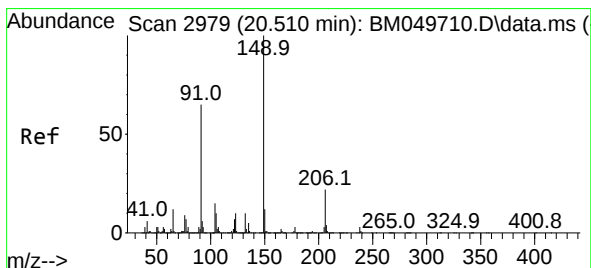
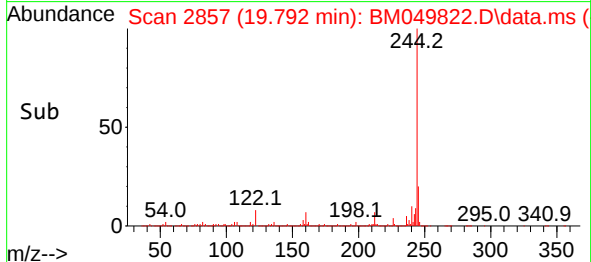
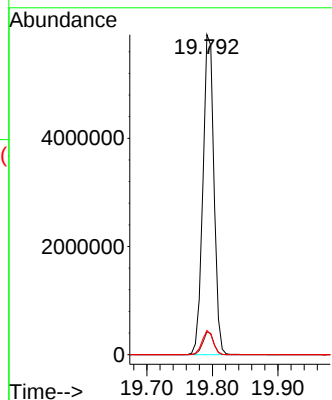
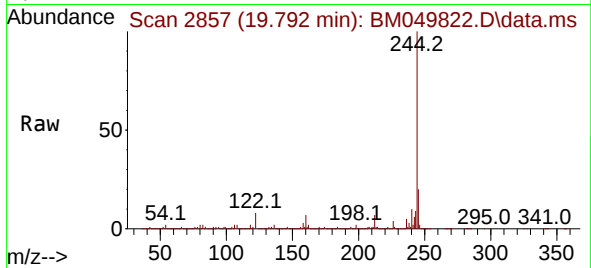




#79
 Terphenyl-d14
 Concen: 81.671 ng
 RT: 19.792 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BM049822.D
 Acq: 04 Apr 2025 14:04

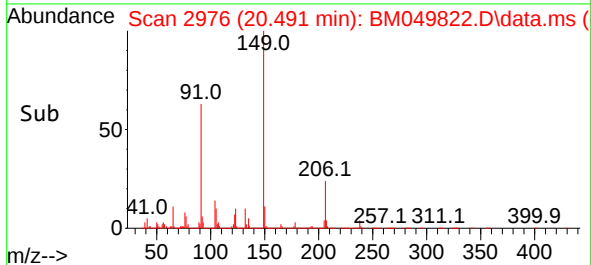
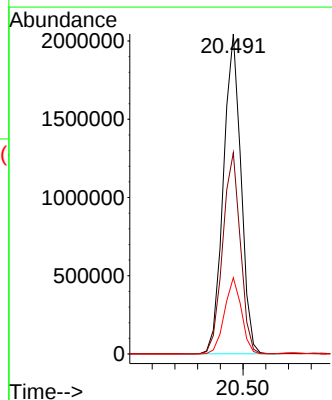
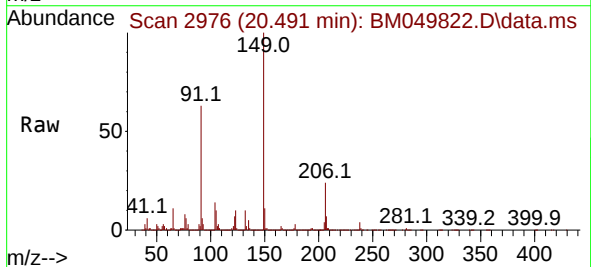
Instrument :
 BNA_M
 ClientSampleId :
 TP-18MS

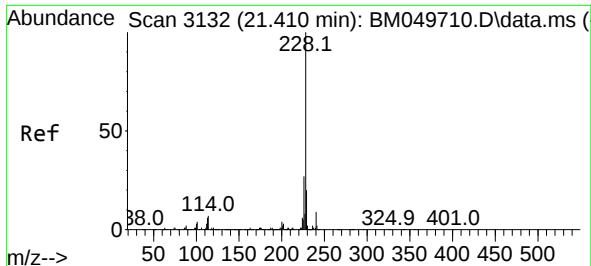
Tgt Ion:244 Resp: 6946402
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 7.6 6.0 9.0



#80
 Butylbenzylphthalate
 Concen: 70.710 ng
 RT: 20.491 min Scan# 2976
 Delta R.T. -0.018 min
 Lab File: BM049822.D
 Acq: 04 Apr 2025 14:04

Tgt Ion:149 Resp: 2197359
 Ion Ratio Lower Upper
 149 100
 91 62.9 52.2 78.4
 206 23.8 17.6 26.4

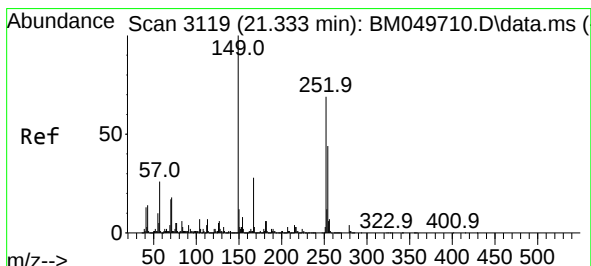
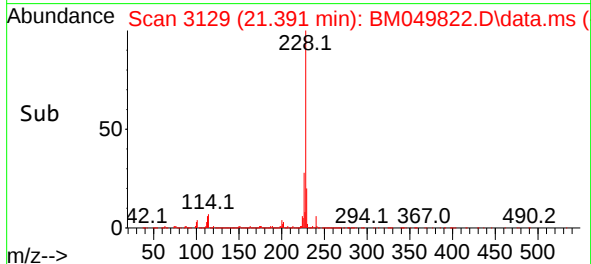
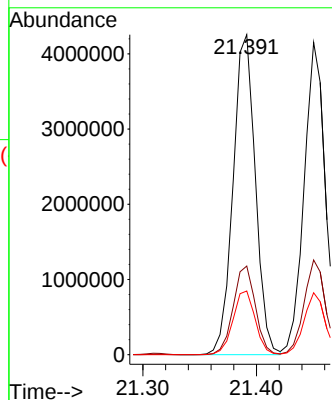
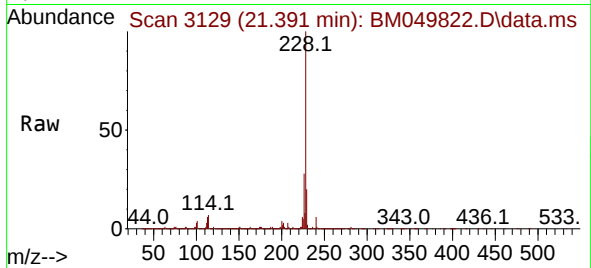




#81
Benzo(a)anthracene
Concen: 60.546 ng
RT: 21.391 min Scan# 3115
Delta R.T. -0.018 min
Lab File: BM049822.D
Acq: 04 Apr 2025 14:04

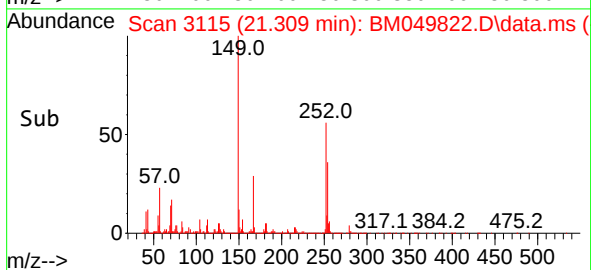
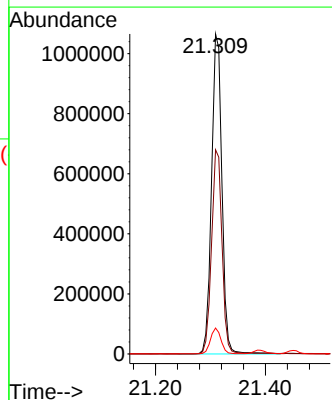
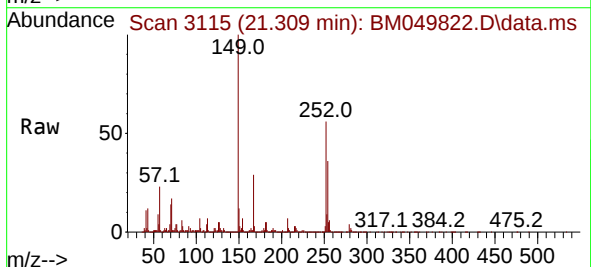
Instrument :
BNA_M
ClientSampleId :
TP-18MS

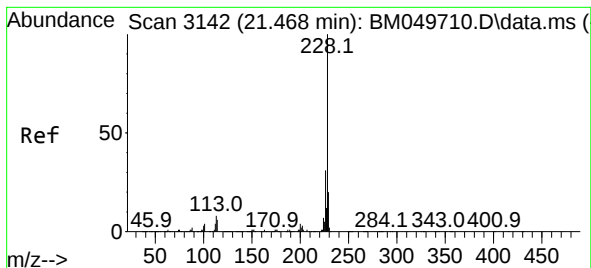
Tgt Ion:228 Resp: 5796225
Ion Ratio Lower Upper
228 100
226 27.7 22.0 33.0
229 19.9 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 44.688 ng
RT: 21.309 min Scan# 3115
Delta R.T. -0.024 min
Lab File: BM049822.D
Acq: 04 Apr 2025 14:04

Tgt Ion:252 Resp: 1392840
Ion Ratio Lower Upper
252 100
254 63.8 51.0 76.4
126 8.1 6.3 9.5





#83

Chrysene

Concen: 59.167 ng

RT: 21.450 min Scan# 3116

Delta R.T. -0.018 min

Lab File: BM049822.D

Acq: 04 Apr 2025 14:04

Instrument :

BNA_M

ClientSampleId :

TP-18MS

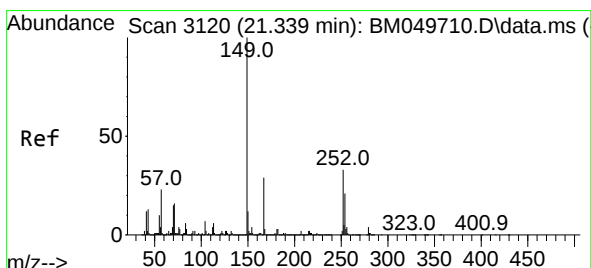
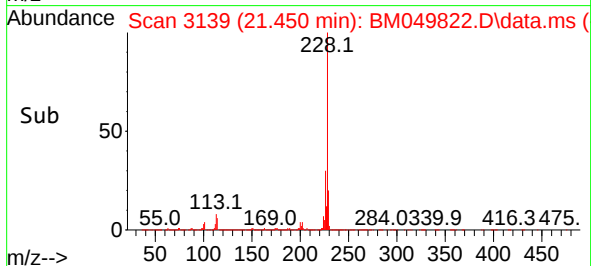
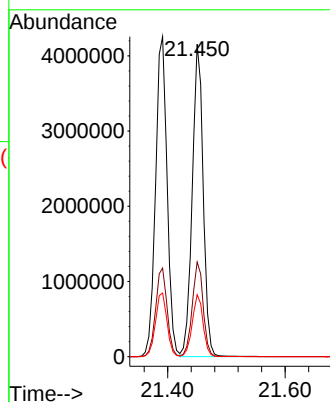
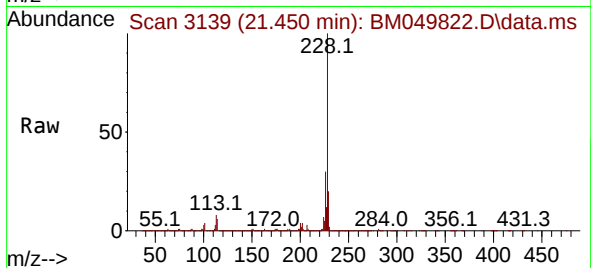
Tgt Ion:228 Resp: 5369325

Ion Ratio Lower Upper

228 100

226 30.4 24.5 36.7

229 19.8 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 69.360 ng

RT: 21.315 min Scan# 3116

Delta R.T. -0.024 min

Lab File: BM049822.D

Acq: 04 Apr 2025 14:04

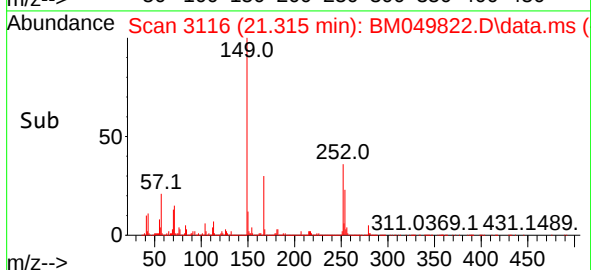
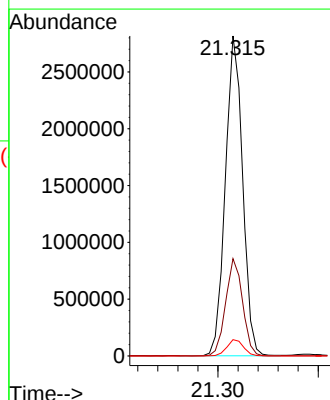
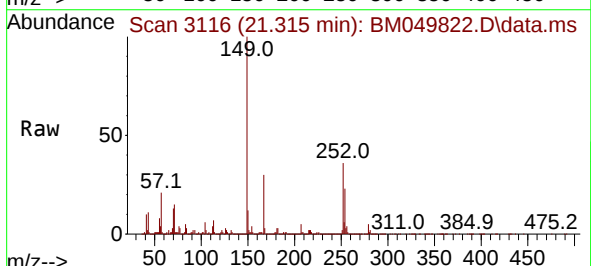
Tgt Ion:149 Resp: 3359130

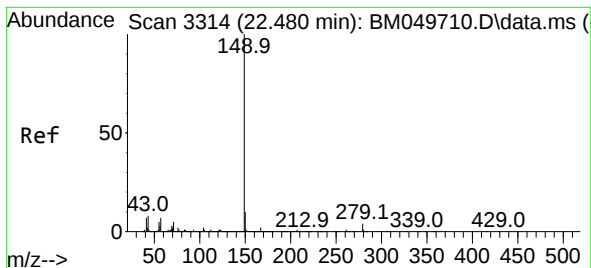
Ion Ratio Lower Upper

149 100

167 30.4 22.9 34.3

279 5.1 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 77.934 ng

RT: 22.450 min Scan# 31

Delta R.T. -0.030 min

Lab File: BM049822.D

Acq: 04 Apr 2025 14:04

Instrument :

BNA_M

ClientSampleId :

TP-18MS

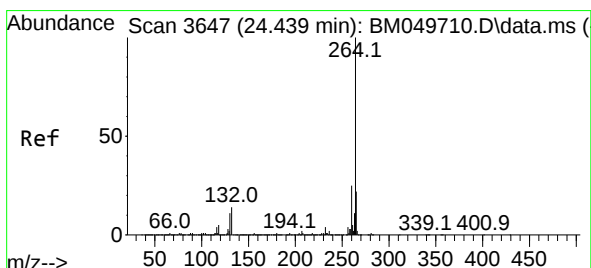
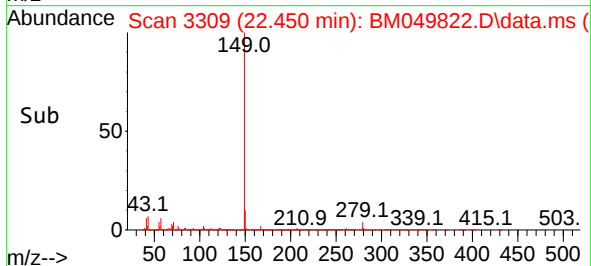
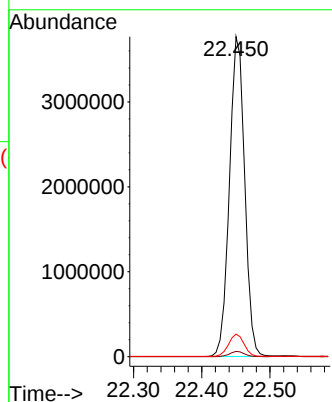
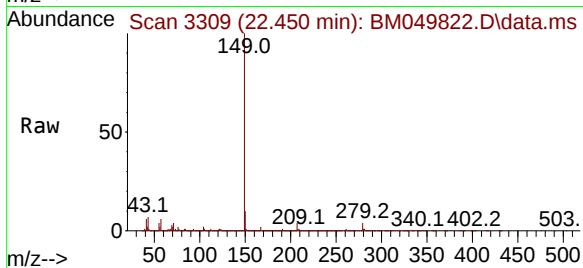
Tgt Ion:149 Resp: 5866373

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.1 6.8 10.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.409 min Scan# 3642

Delta R.T. -0.030 min

Lab File: BM049822.D

Acq: 04 Apr 2025 14:04

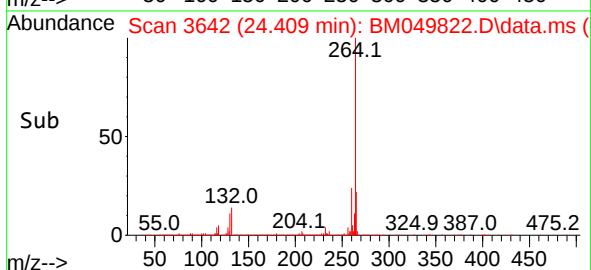
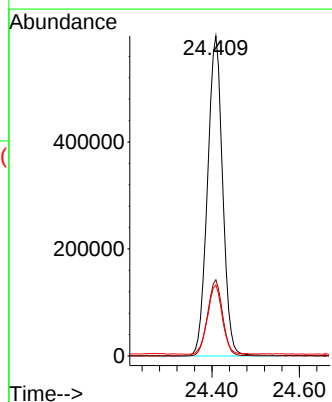
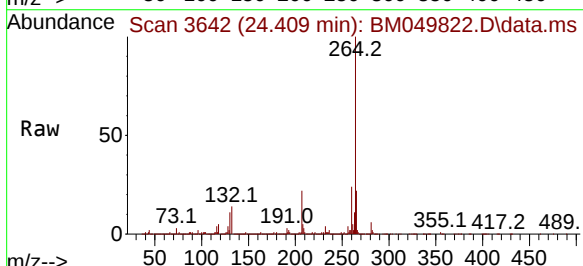
Tgt Ion:264 Resp: 1441625

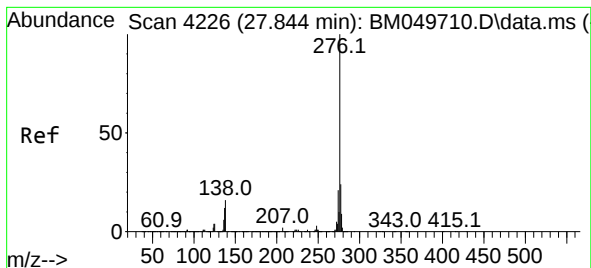
Ion Ratio Lower Upper

264 100

260 23.8 19.6 29.4

265 22.2 18.2 27.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 62.895 ng

RT: 27.803 min Scan# 4219

Delta R.T. -0.042 min

Lab File: BM049822.D

Acq: 04 Apr 2025 14:04

Instrument :

BNA_M

ClientSampleId :

TP-18MS

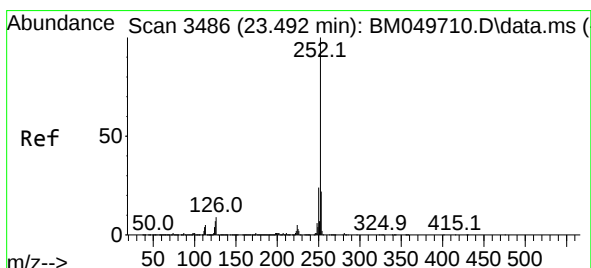
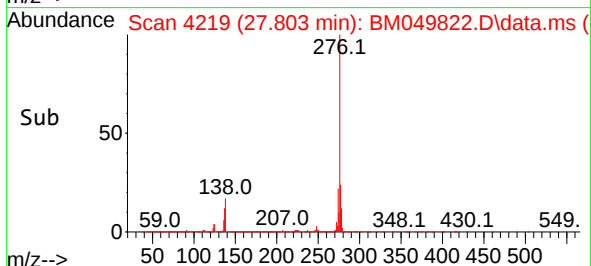
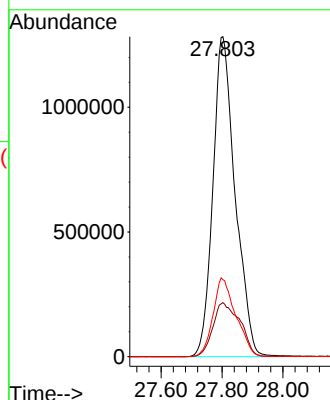
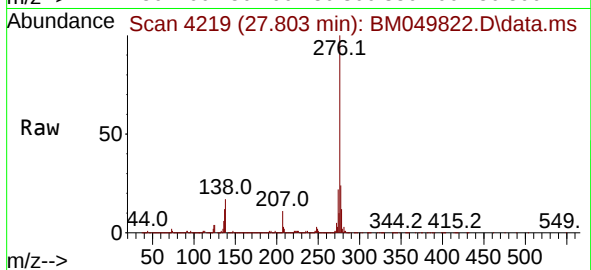
Tgt Ion:276 Resp: 6526115

Ion Ratio Lower Upper

276 100

138 20.7 16.3 24.5

277 25.2 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 56.291 ng

RT: 23.462 min Scan# 3481

Delta R.T. -0.030 min

Lab File: BM049822.D

Acq: 04 Apr 2025 14:04

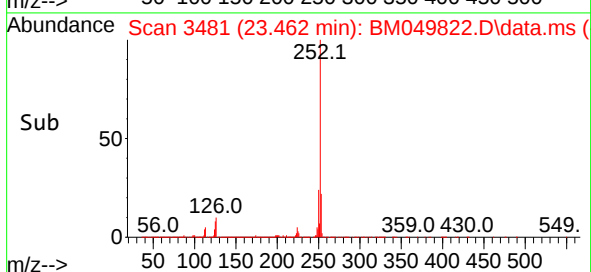
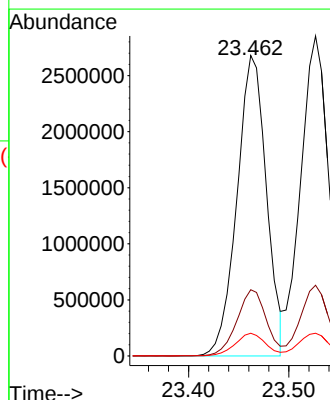
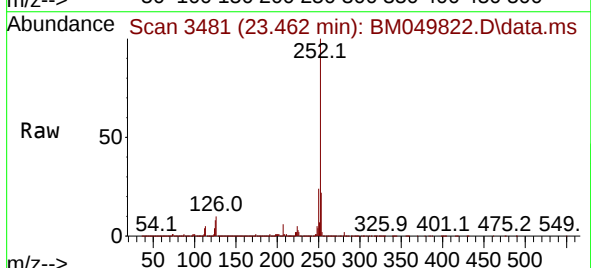
Tgt Ion:252 Resp: 5465773

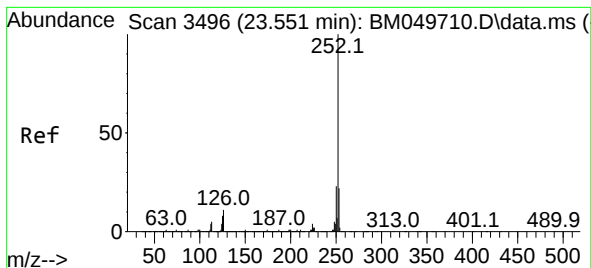
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 7.6 5.9 8.9





#89

Benzo(k)fluoranthene

Concen: 58.525 ng

RT: 23.527 min Scan# 34

Delta R.T. -0.024 min

Lab File: BM049822.D

Acq: 04 Apr 2025 14:04

Instrument :

BNA_M

ClientSampleId :

TP-18MS

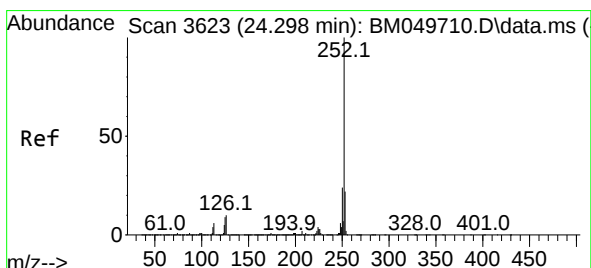
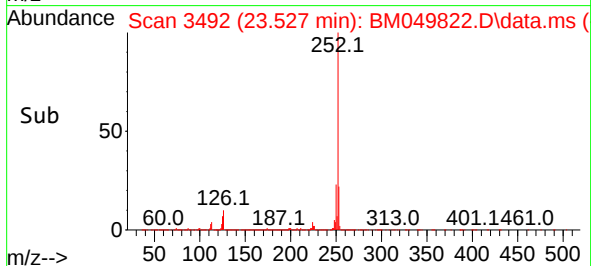
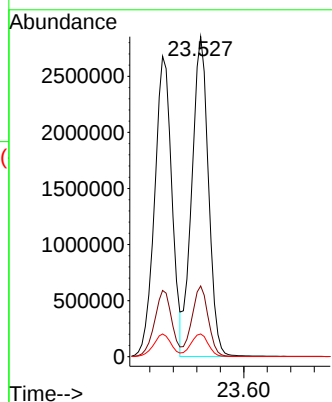
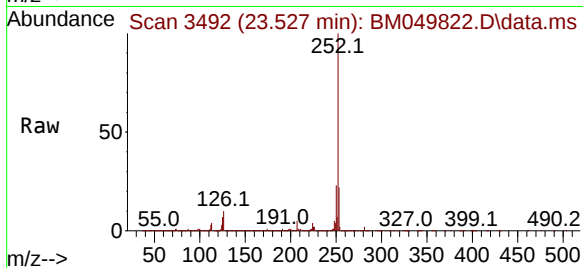
Tgt Ion:252 Resp: 5591655

Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 7.1 6.2 9.2



#90

Benzo(a)pyrene

Concen: 64.326 ng

RT: 24.268 min Scan# 3618

Delta R.T. -0.030 min

Lab File: BM049822.D

Acq: 04 Apr 2025 14:04

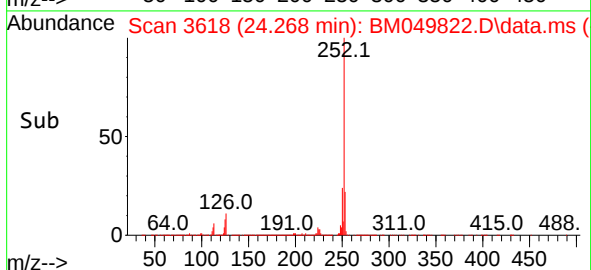
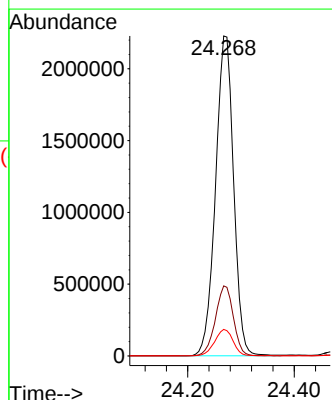
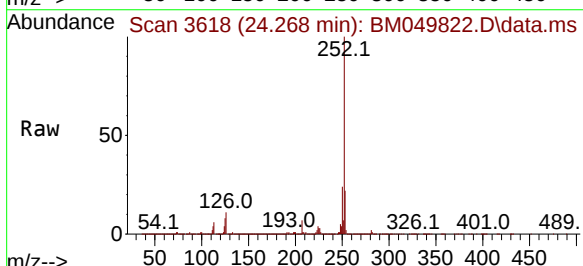
Tgt Ion:252 Resp: 5246354

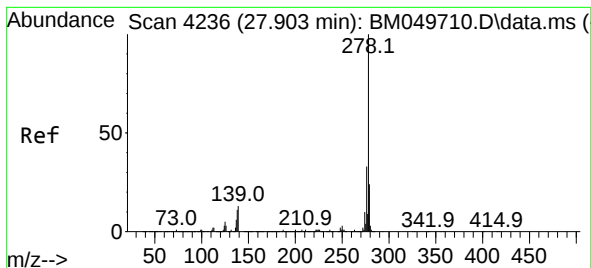
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 8.3 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 62.216 ng

RT: 27.856 min Scan# 41

Delta R.T. -0.048 min

Lab File: BM049822.D

Acq: 04 Apr 2025 14:04

Instrument :

BNA_M

ClientSampleId :

TP-18MS

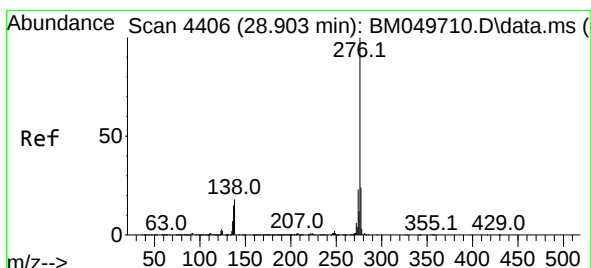
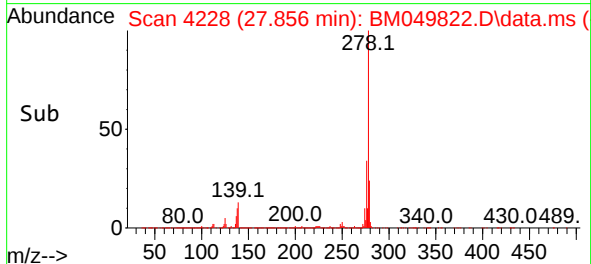
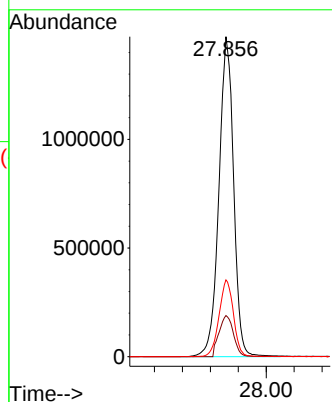
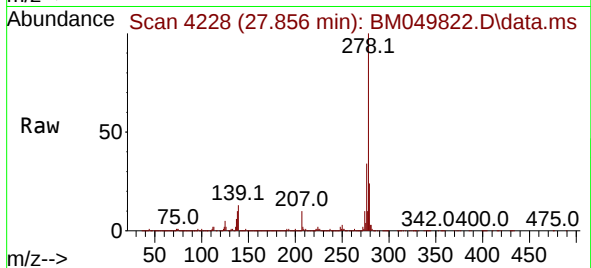
Tgt Ion:278 Resp: 5378521

Ion Ratio Lower Upper

278 100

139 12.8 10.1 15.1

279 24.0 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 59.198 ng

RT: 28.862 min Scan# 4399

Delta R.T. -0.042 min

Lab File: BM049822.D

Acq: 04 Apr 2025 14:04

Tgt Ion:276 Resp: 5154865

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 17.8 14.0 21.0

