

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
 Data File : BM050083.D
 Acq On : 02 May 2025 13:20
 Operator : RC/JU
 Sample : Q1914-10MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SS-8MS

Quant Time: May 02 14:23:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.751	152	315345	20.000	ng	-0.02
21) Naphthalene-d8	10.557	136	672358	20.000	ng	# 0.00
39) Acenaphthene-d10	14.410	164	611965	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1130506	20.000	ng	# 0.00
76) Chrysene-d12	21.386	240	1268702	20.000	ng	-0.01
86) Perylene-d12	24.374	264	1417444	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1582039	87.849	ng	-0.01
7) Phenol-d6	6.940	99	1741511	76.940	ng	-0.01
23) Nitrobenzene-d5	8.910	82	1241569	90.993	ng	-0.02
42) 2,4,6-Tribromophenol	15.904	330	747146	82.569	ng	0.00
45) 2-Fluorobiphenyl	13.021	172	2310504	44.664	ng	-0.01
79) Terphenyl-d14	19.774	244	3550084	41.406	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.240	88	319917	41.432	ng	100
3) Pyridine	3.634	79	873786	44.043	ng	99
4) n-Nitrosodimethylamine	3.546	42	357407	45.933	ng	98
6) Aniline	7.081	93	270789	9.474	ng	97
8) 2-Chlorophenol	7.322	128	792699	40.711	ng	98
9) Benzaldehyde	6.898	77	592110	39.091	ng	# 1
10) Phenol	6.963	94	914678	39.918	ng	96
11) bis(2-Chloroethyl)ether	7.175	93	759752	39.708	ng	99
12) 1,3-Dichlorobenzene	7.639	146	930870	39.577	ng	98
13) 1,4-Dichlorobenzene	7.787	146	925429	39.164	ng	99
14) 1,2-Dichlorobenzene	8.104	146	875735	38.367	ng	97
15) Benzyl Alcohol	7.998	79	621293	39.580	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.275	45	714841	30.735	ng	71
17) 2-Methylphenol	8.210	107	572780	37.945	ng	99
18) Hexachloroethane	8.863	117	1184275	140.989	ng	# 1
19) n-Nitroso-di-n-propyla...	8.563	70	450563	31.037	ng	95
20) 3+4-Methylphenols	8.539	107	729805	35.801	ng	92
22) Acetophenone	8.557	105	2801668	167.605	ng	# 61
24) Nitrobenzene	8.957	77	756087	64.086	ng	# 95
25) Isophorone	9.481	82	1786555	76.813	ng	# 56
26) 2-Nitrophenol	9.669	139	406262	67.404	ng	# 79
27) 2,4-Dimethylphenol	9.739	122	595897	59.617	ng	98
28) bis(2-Chloroethoxy)met...	9.963	93	719708	50.064	ng	# 74
29) 2,4-Dichlorophenol	10.216	162	725959	64.831	ng	98
30) 1,2,4-Trichlorobenzene	10.416	180	830639	60.884	ng	99
31) Naphthalene	10.604	128	3018930	88.661	ng	# 93
32) Benzoic acid	9.916	122	370969	58.030	ng	# 1
33) 4-Chloroaniline	10.722	127	190920	13.680	ng	# 75
34) Hexachlorobutadiene	10.886	225	558193	64.456	ng	100
35) Caprolactam	11.480	113	121610	37.247	ng	# 1
36) 4-Chloro-3-methylphenol	11.863	107	518827	50.150	ng	99
37) 2-Methylnaphthalene	12.227	142	3619943	158.570	ng	98
38) 1-Methylnaphthalene	12.445	142	2712508	112.277	ng	99
40) 1,2,4,5-Tetrachloroben...	12.604	216	950192	44.853	ng	99
41) Hexachlorocyclopentadiene	12.574	237	1106317	85.454	ng	99
43) 2,4,6-Trichlorophenol	12.845	196	595406	44.312	ng	97

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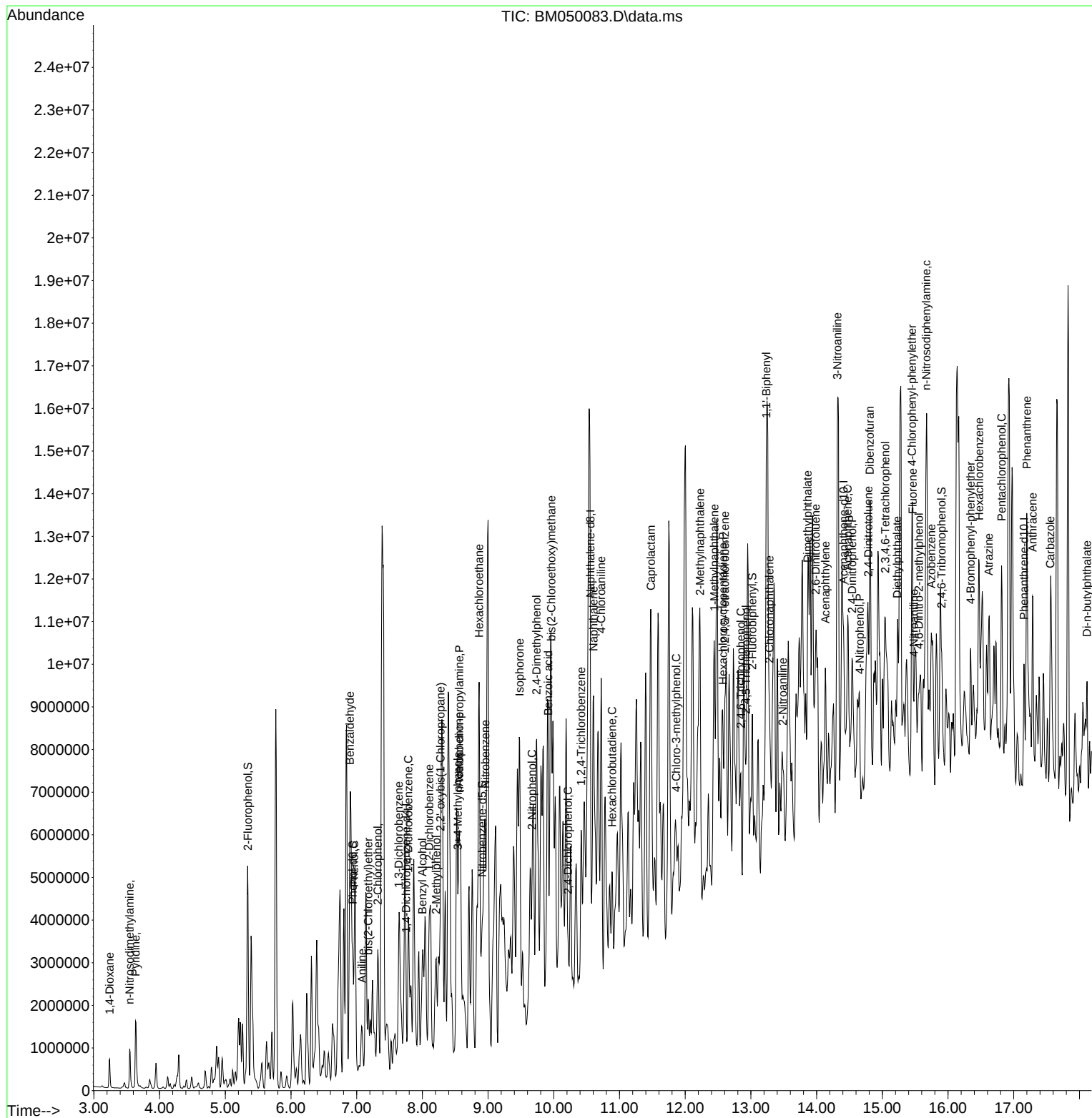
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.927	196	623962	43.063	ng	# 79
46) 1,1'-Biphenyl	13.233	154	1793182	39.419	ng	99
47) 2-Chloronaphthalene	13.280	162	1311187	36.393	ng	99
48) 2-Nitroaniline	13.486	65	287529	34.003	ng	97
49) Acenaphthylene	14.133	152	2121312	37.343	ng	# 94
50) Dimethylphthalate	13.863	163	1516207	33.902	ng	# 94
51) 2,6-Dinitrotoluene	13.986	165	375066	40.505	ng	89
52) Acenaphthene	14.474	154	1282732	39.011	ng	99
53) 3-Nitroaniline	14.316	138	151722	17.162	ng	# 81
54) 2,4-Dinitrophenol	14.539	184	394999	67.614	ng	93
55) Dibenzofuran	14.810	168	2061098	37.675	ng	# 91
56) 4-Nitrophenol	14.657	139	626541	86.712	ng	# 75
57) 2,4-Dinitrotoluene	14.786	165	492435	38.486	ng	# 80
58) Fluorene	15.463	166	1930330	43.108	ng	# 97
59) 2,3,4,6-Tetrachlorophenol	15.045	232	539512	43.016	ng	# 38
60) Diethylphthalate	15.227	149	1556841	36.943	ng	# 92
61) 4-Chlorophenyl-phenyle...	15.451	204	932354	37.908	ng	95
62) 4-Nitroaniline	15.480	138	230529	27.028	ng	91
63) Azobenzene	15.745	77	1135699	32.157	ng	# 70
65) 4,6-Dinitro-2-methylph...	15.557	198	258093	36.472	ng	# 51
66) n-Nitrosodiphenylamine	15.668	169	1717787	49.483	ng	87
67) 4-Bromophenyl-phenylether	16.345	248	615774	45.043	ng	97
68) Hexachlorobenzene	16.474	284	689674	43.765	ng	95
69) Atrazine	16.621	200	693387	55.373	ng	98
70) Pentachlorophenol	16.815	266	913630	102.998	ng	98
71) Phenanthrene	17.198	178	4333407	67.962	ng	98
72) Anthracene	17.286	178	2879459	44.624	ng	98
73) Carbazole	17.556	167	2264448	40.442	ng	96
74) Di-n-butylphthalate	18.115	149	2559012	38.377	ng	98
75) Fluoranthene	19.215	202	6408265	85.603	ng	98
77) Benzidine	19.409	184	1136264	25.214	ng	# 96
78) Pyrene	19.580	202	6542677	73.437	ng	99
80) Butylbenzylphthalate	20.468	149	1196892	35.869	ng	97
81) Benzo(a)anthracene	21.368	228	5280774	60.444	ng	99
82) 3,3'-Dichlorobenzidine	21.292	252	192725	5.763	ng	# 98
83) Chrysene	21.433	228	4733136	58.535	ng	98
84) Bis(2-ethylhexyl)phtha...	21.286	149	2473210	49.622	ng	# 98
85) Di-n-octyl phthalate	22.409	149	3252195	39.567	ng	99
87) Indeno(1,2,3-cd)pyrene	27.768	276	5528767	52.347	ng	97
88) Benzo(b)fluoranthene	23.438	252	5516734	59.847	ng	99
89) Benzo(k)fluoranthene	23.497	252	4410842	47.305	ng	99
90) Benzo(a)pyrene	24.238	252	5014125	58.076	ng	98
91) Dibenzo(a,h)anthracene	27.809	278	3903128	45.335	ng	98
92) Benzo(g,h,i)perylene	28.815	276	4468322	54.211	ng	98

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

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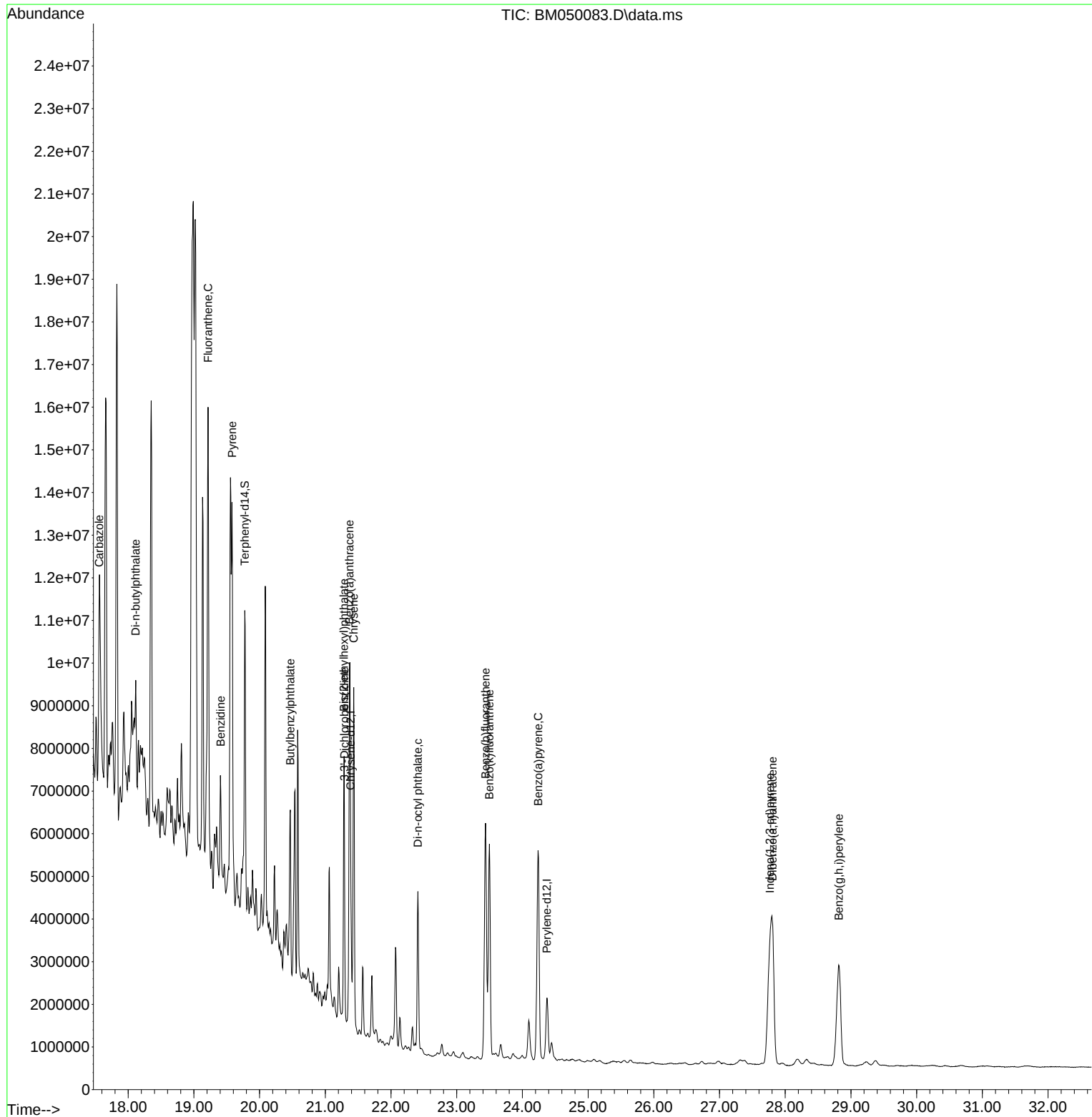
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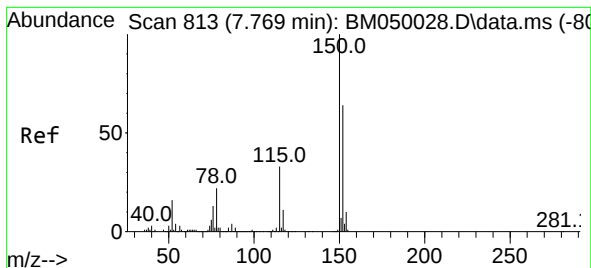


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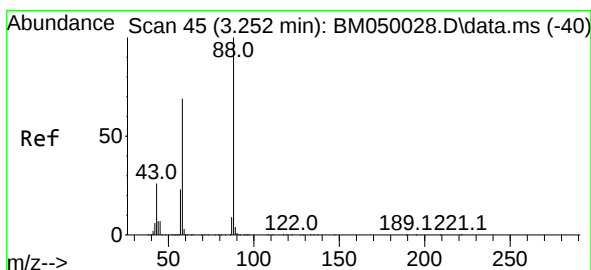
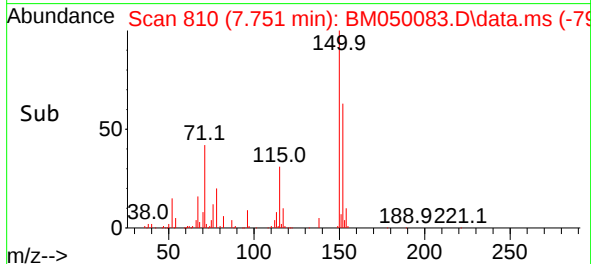
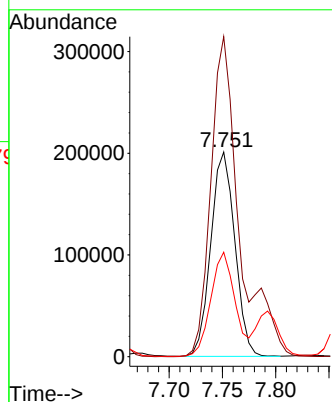
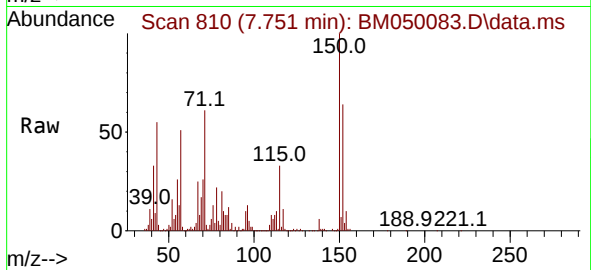




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.751 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM050083.D
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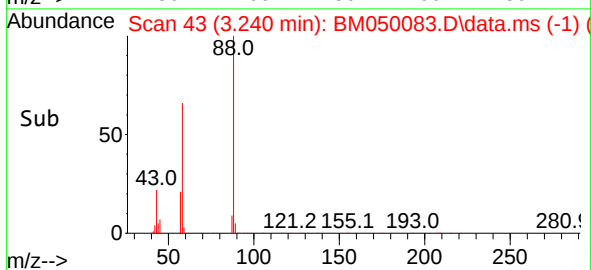
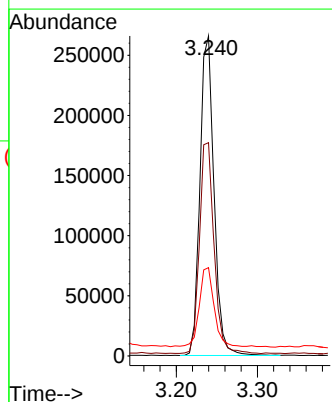
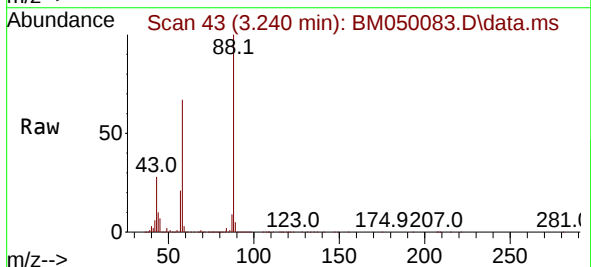
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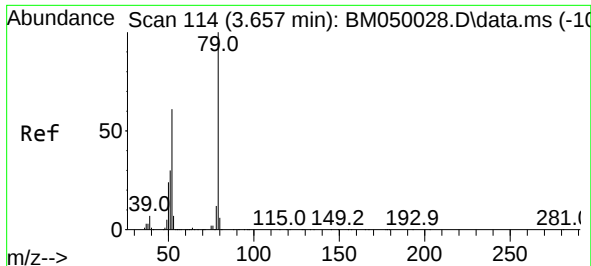
Tgt Ion:152 Resp: 315345
Ion Ratio Lower Upper
152 100
150 156.4 124.1 186.1
115 51.0 41.2 61.8



#2
1,4-Dioxane
Concen: 41.432 ng
RT: 3.240 min Scan# 43
Delta R.T. -0.012 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion: 88 Resp: 319917
Ion Ratio Lower Upper
88 100
58 68.5 55.1 82.7
43 26.0 20.9 31.3

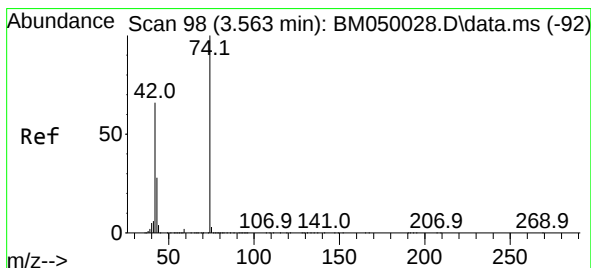
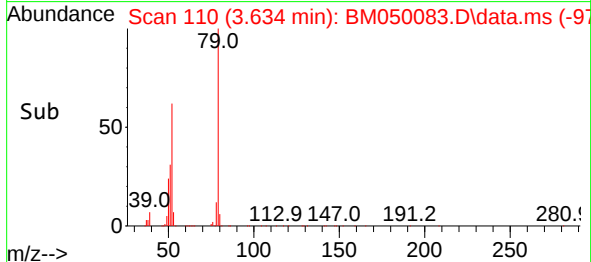
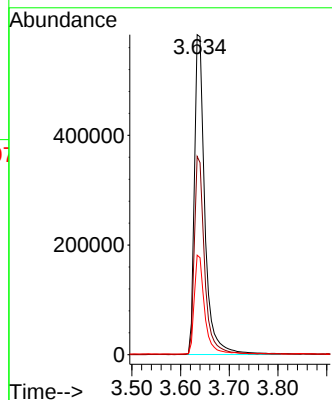
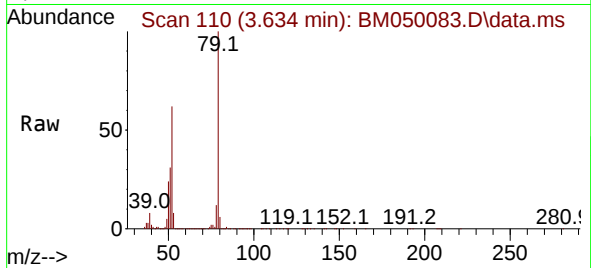




#3
Pyridine
Concen: 44.043 ng
RT: 3.634 min Scan# 114
Delta R.T. -0.024 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

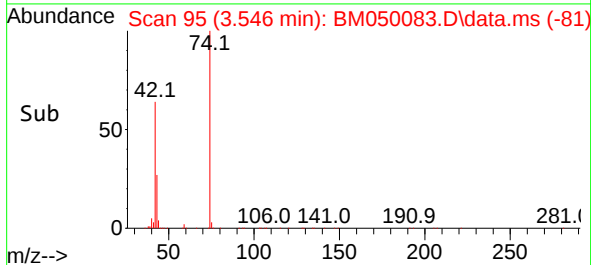
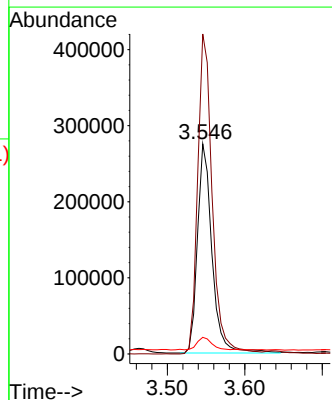
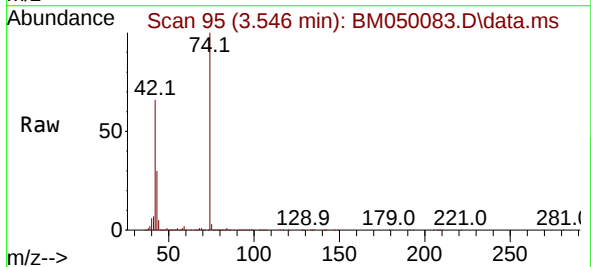
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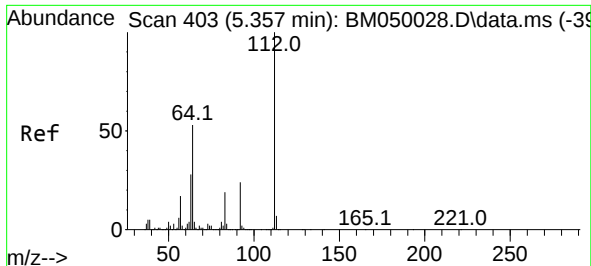
Tgt Ion: 79 Resp: 873786
Ion Ratio Lower Upper
79 100
52 62.0 48.6 72.8
51 31.1 24.6 37.0



#4
n-Nitrosodimethylamine
Concen: 45.933 ng
RT: 3.546 min Scan# 95
Delta R.T. -0.018 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion: 42 Resp: 357407
Ion Ratio Lower Upper
42 100
74 152.3 120.2 180.2
44 7.9 6.2 9.2

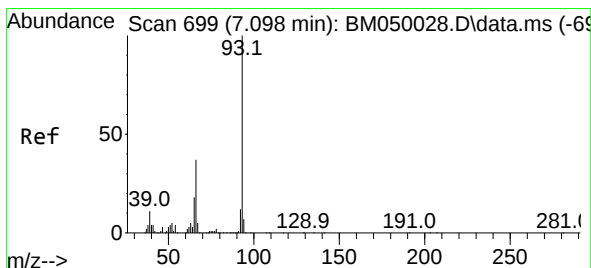
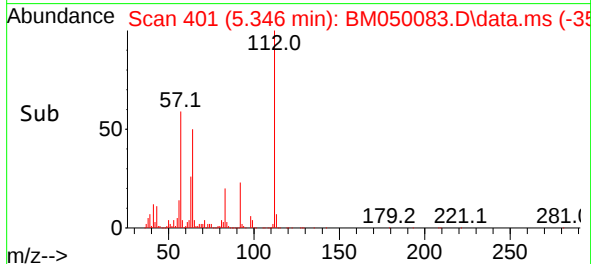
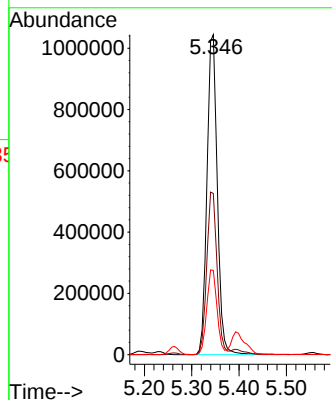
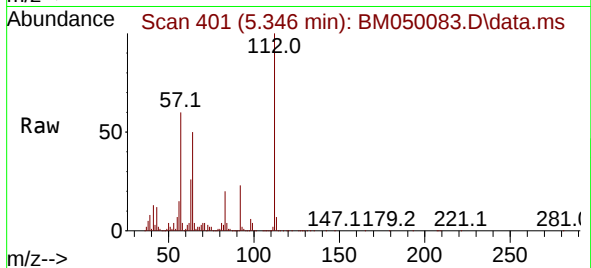




#5
2-Fluorophenol
Concen: 87.849 ng
RT: 5.346 min Scan# 403
Delta R.T. -0.012 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

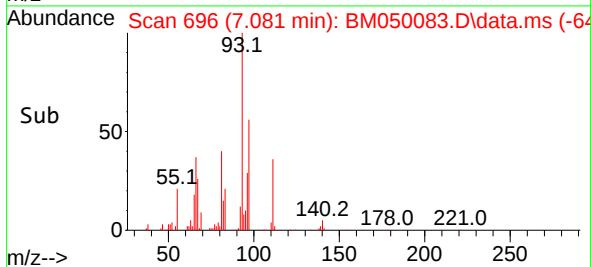
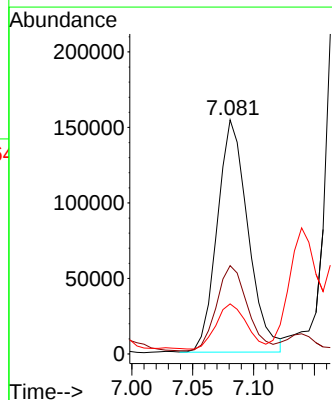
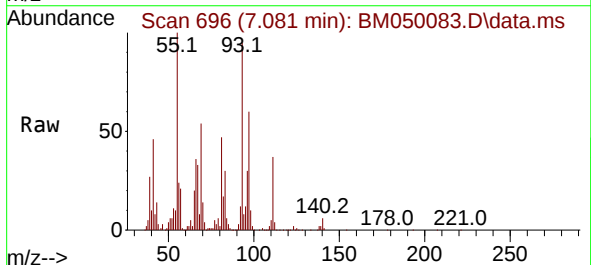
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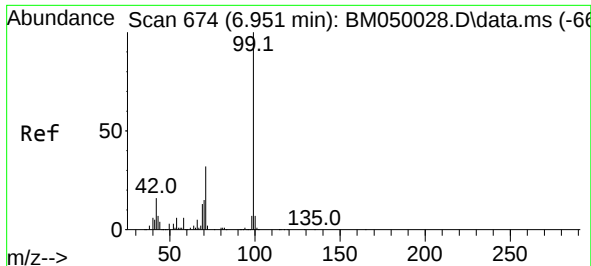
Tgt Ion:112 Resp: 1582039
Ion Ratio Lower Upper
112 100
64 50.4 42.6 64.0
63 26.3 22.2 33.4



#6
Aniline
Concen: 9.474 ng
RT: 7.081 min Scan# 696
Delta R.T. -0.018 min
Lab File: BM050083.D
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Tgt Ion: 93 Resp: 270789
Ion Ratio Lower Upper
93 100
66 37.7 29.9 44.9
65 21.4 14.5 21.7



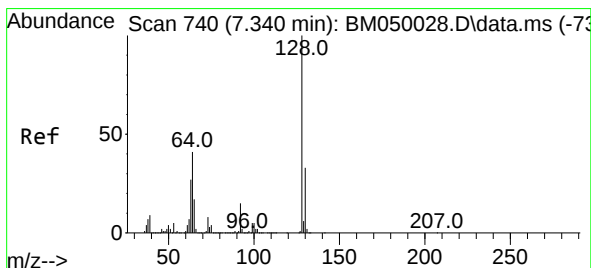
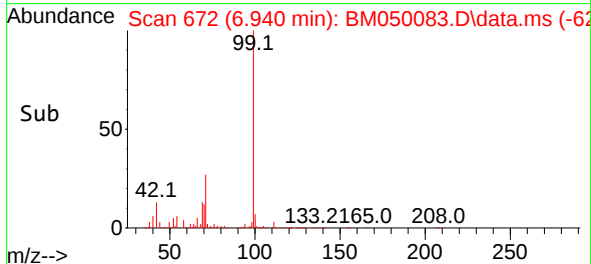
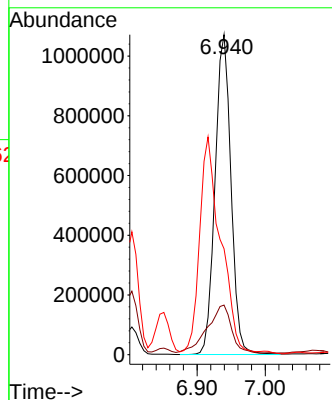
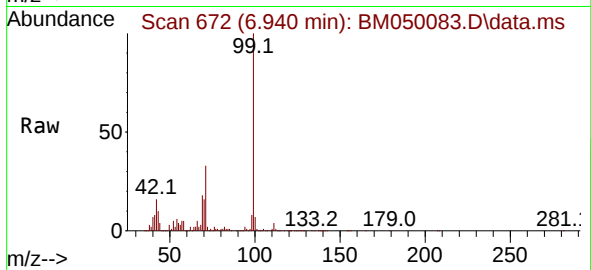


#7
Phenol-d6
Concen: 76.940 ng
RT: 6.940 min Scan# 61
Delta R.T. -0.012 min
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Tgt Ion: 99 Resp: 1741511

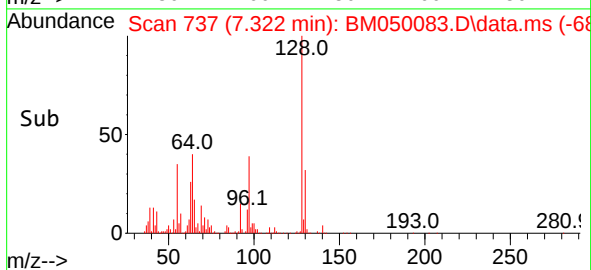
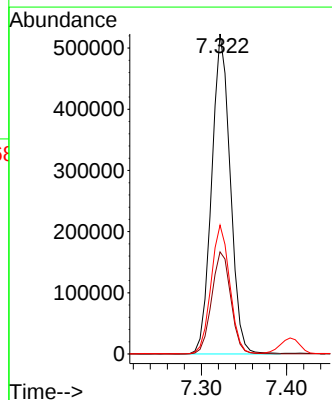
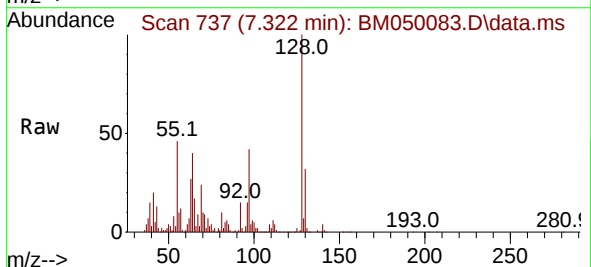
Ion	Ratio	Lower	Upper
99	100		
42	15.5	13.0	19.4
71	33.1	25.6	38.4

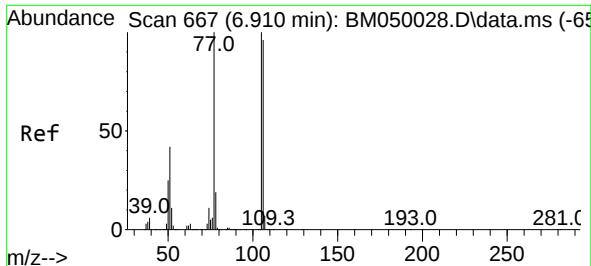


#8
2-Chlorophenol
Concen: 40.711 ng
RT: 7.322 min Scan# 737
Delta R.T. -0.018 min
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Tgt Ion: 128 Resp: 792699

Ion	Ratio	Lower	Upper
128	100		
130	31.9	12.8	52.8
64	40.2	21.2	61.2

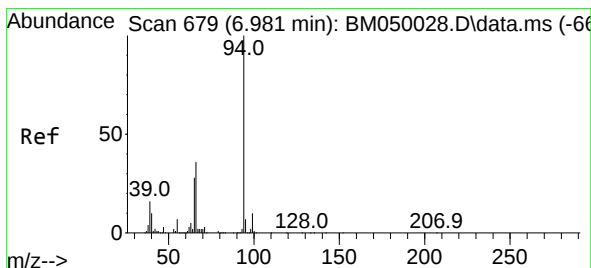
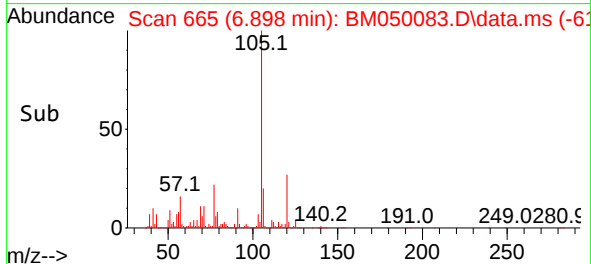
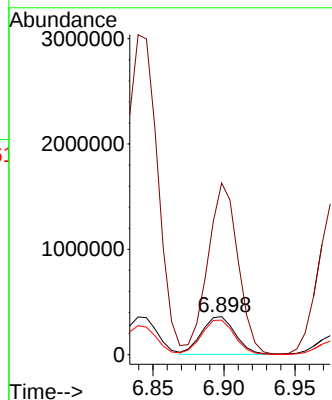
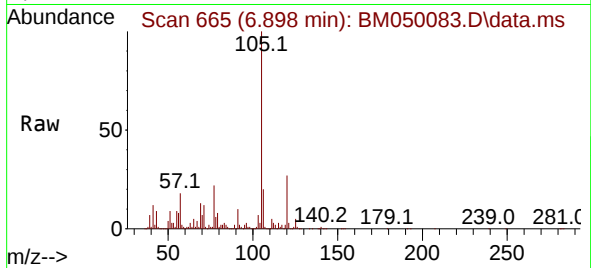




#9
Benzaldehyde
Concen: 39.091 ng
RT: 6.898 min Scan# 610
Delta R.T. -0.012 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

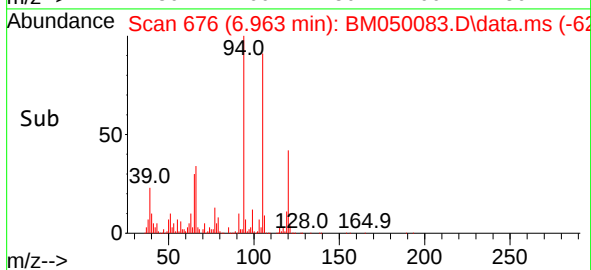
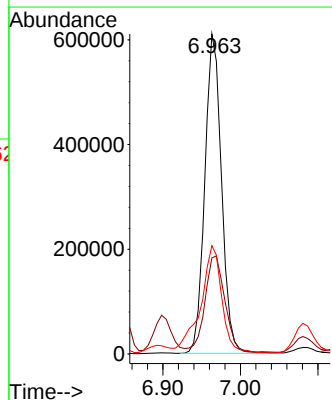
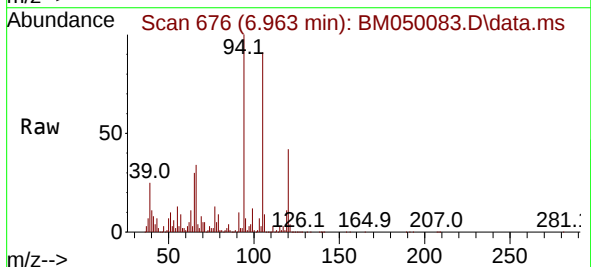
Instrument :
BNA_M
ClientSampleId :
SS-8MS

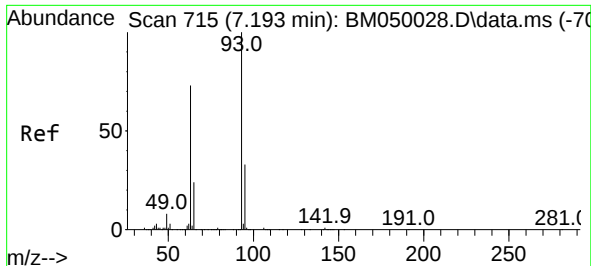
Tgt Ion: 77 Resp: 592110
Ion Ratio Lower Upper
77 100
105 450.5 80.5 120.5#
106 90.5 76.1 116.1



#10
Phenol
Concen: 39.918 ng
RT: 6.963 min Scan# 676
Delta R.T. -0.018 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion: 94 Resp: 914678
Ion Ratio Lower Upper
94 100
65 30.0 7.6 47.6
66 33.8 15.8 55.8

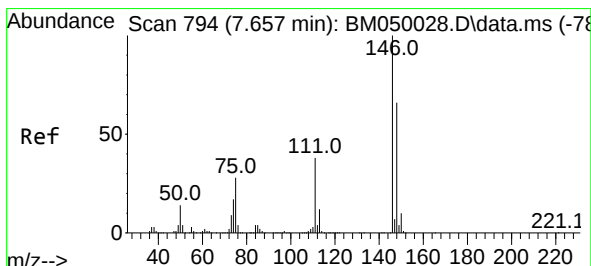
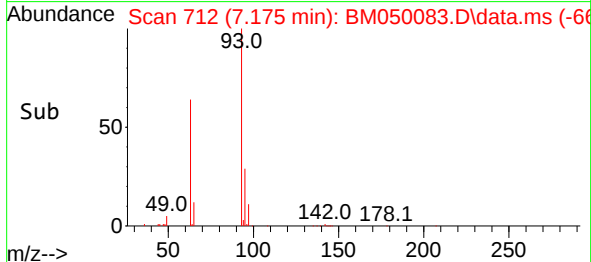
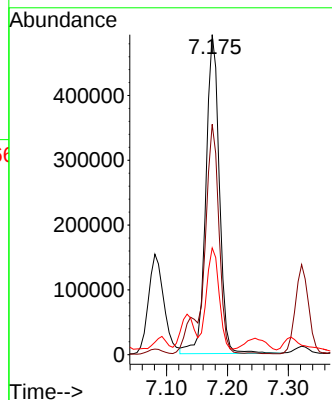
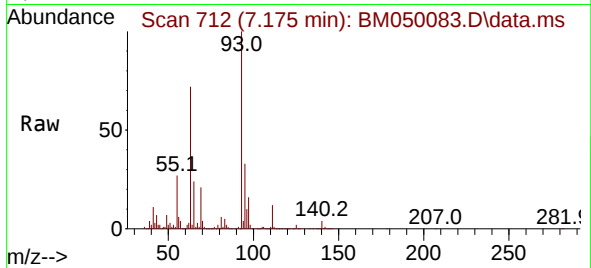




#11
bis(2-Chloroethyl)ether
Concen: 39.708 ng
RT: 7.175 min Scan# 715
Delta R.T. -0.018 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

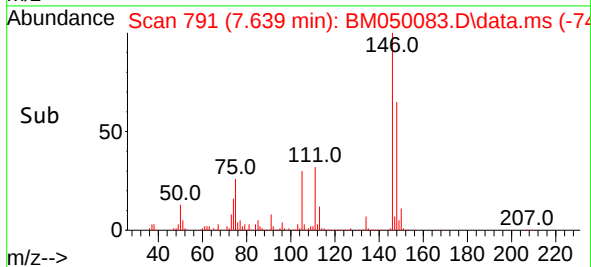
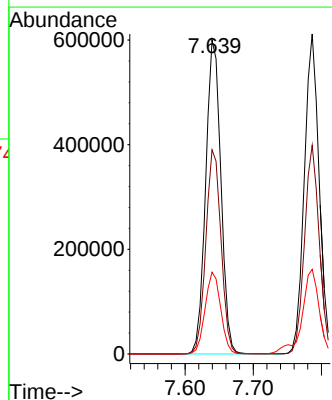
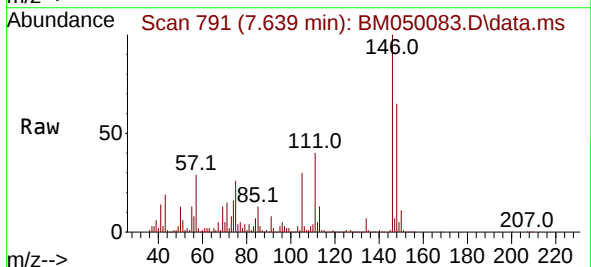
Instrument :
BNA_M
ClientSampleId :
SS-8MS

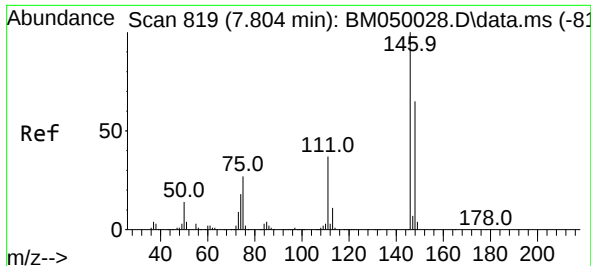
Tgt Ion: 93 Resp: 759752
Ion Ratio Lower Upper
93 100
63 72.0 52.3 92.3
95 33.4 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 39.577 ng
RT: 7.639 min Scan# 791
Delta R.T. -0.018 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:146 Resp: 930870
Ion Ratio Lower Upper
146 100
148 65.1 52.5 78.7
75 26.1 22.6 34.0

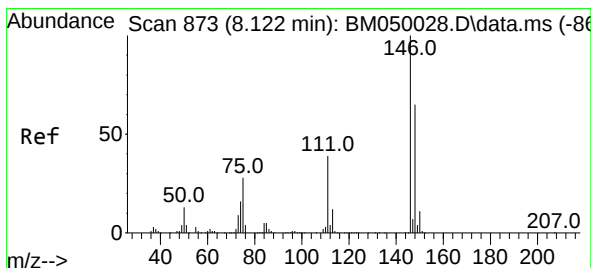
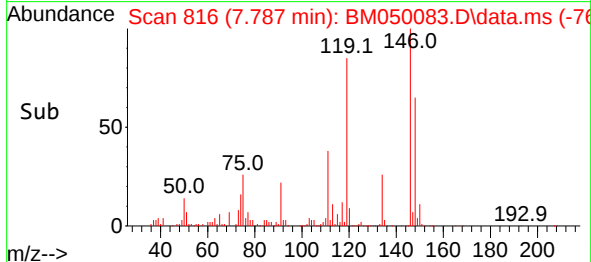
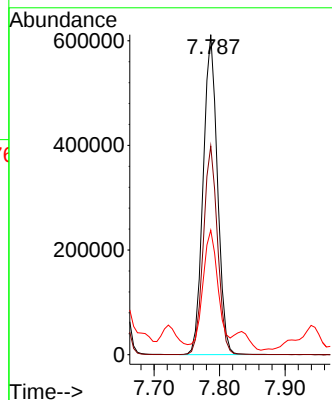
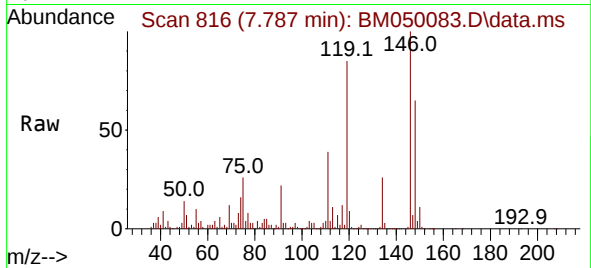




#13
1,4-Dichlorobenzene
Concen: 39.164 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

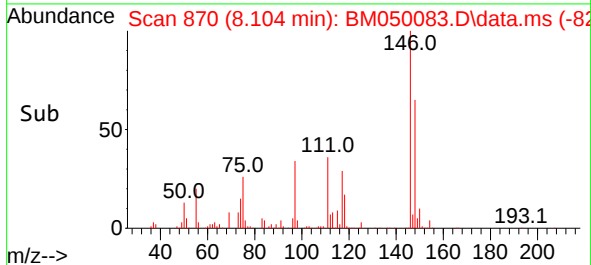
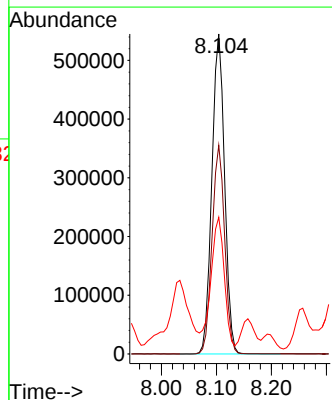
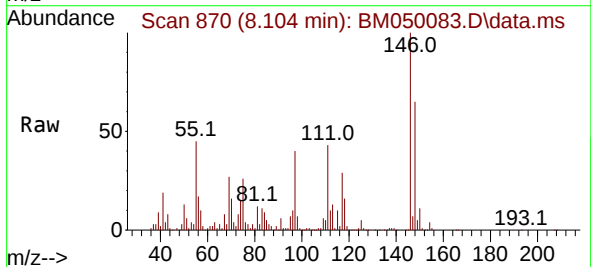
Instrument :
BNA_M
ClientSampleId :
SS-8MS

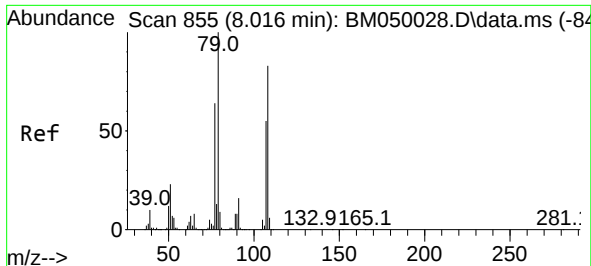
Tgt Ion:146 Resp: 925429
Ion Ratio Lower Upper
146 100
148 65.2 52.2 78.2
111 38.9 29.3 43.9



#14
1,2-Dichlorobenzene
Concen: 38.367 ng
RT: 8.104 min Scan# 870
Delta R.T. -0.018 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:146 Resp: 875735
Ion Ratio Lower Upper
146 100
148 65.2 52.4 78.6
111 42.7 31.0 46.6

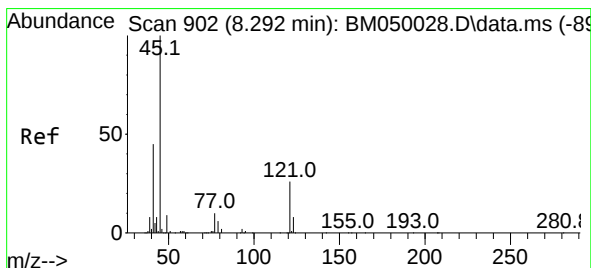
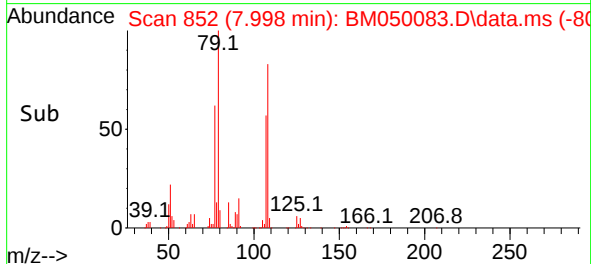
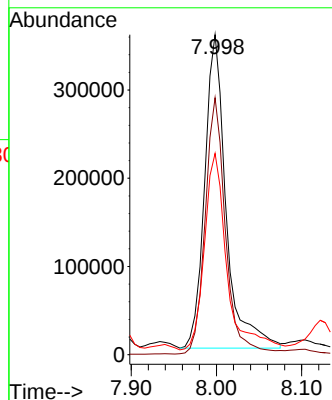
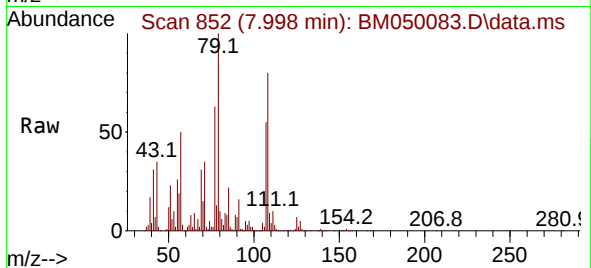




#15
Benzyl Alcohol
Concen: 39.580 ng
RT: 7.998 min Scan# 811
Delta R.T. -0.018 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

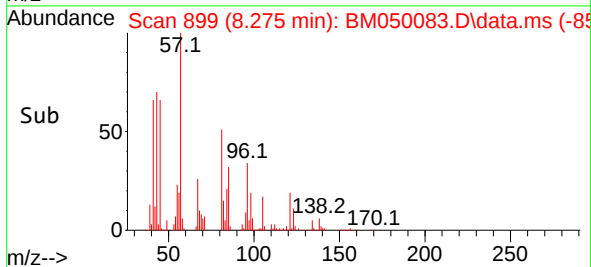
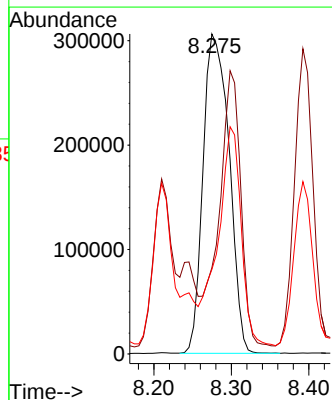
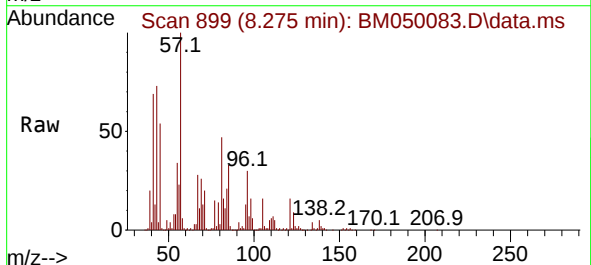
Instrument :
BNA_M
ClientSampleId :
SS-8MS

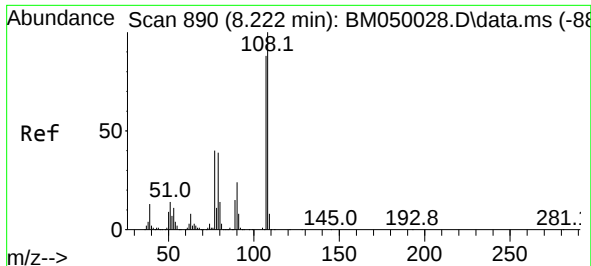
Tgt Ion: 79 Resp: 621293
Ion Ratio Lower Upper
79 100
108 80.3 66.0 99.0
77 62.9 51.6 77.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.735 ng
RT: 8.275 min Scan# 899
Delta R.T. -0.018 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion: 45 Resp: 714841
Ion Ratio Lower Upper
45 100
77 27.0 0.0 36.4
79 26.4 0.0 32.7

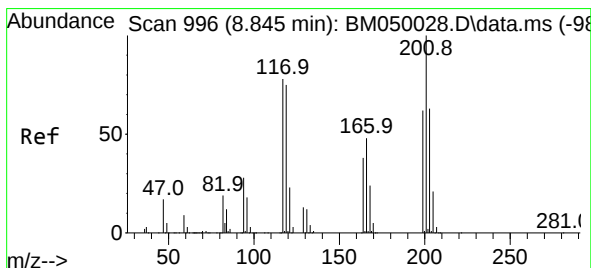
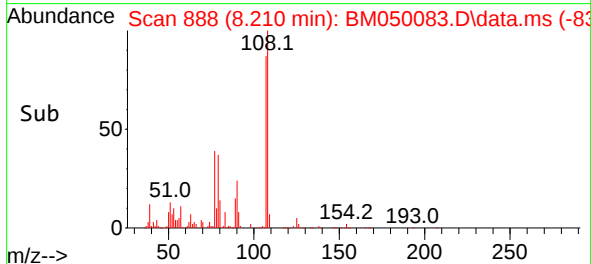
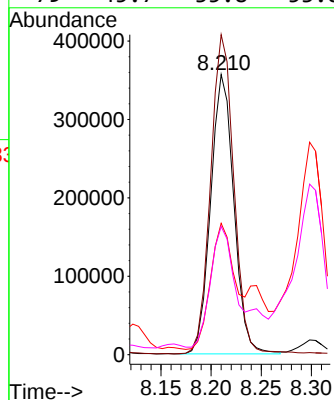
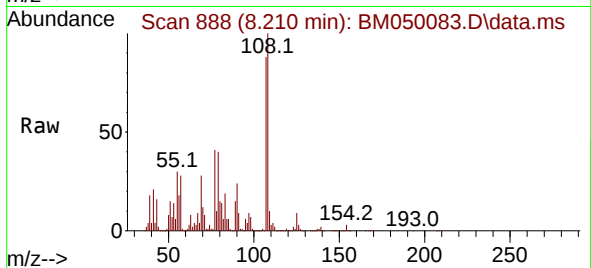




#17
2-Methylphenol
Concen: 37.945 ng
RT: 8.210 min Scan# 890
Delta R.T. -0.012 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

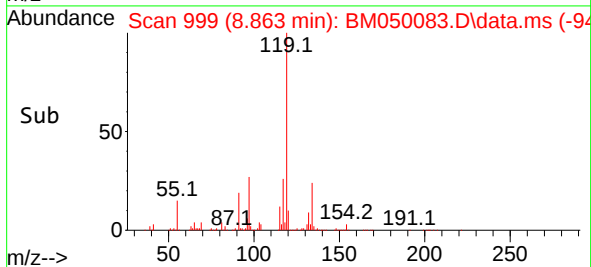
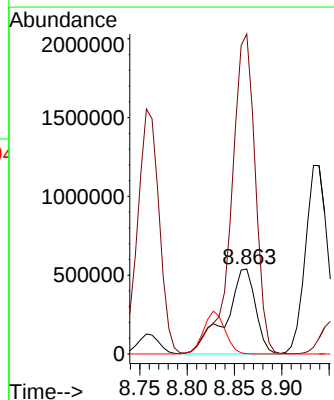
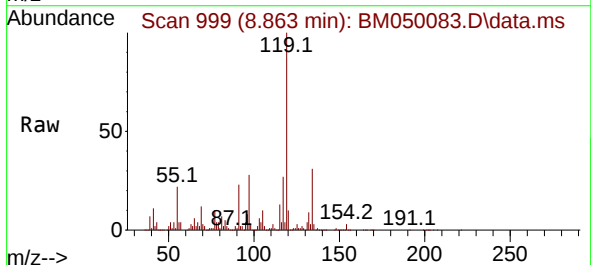
Instrument :
BNA_M
ClientSampleId :
SS-8MS

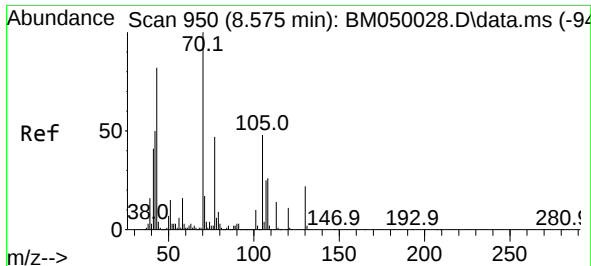
Tgt Ion:	107	Resp:	572780
Ion	Ratio	Lower	Upper
107	100		
108	114.2	91.1	136.7
77	46.9	36.2	54.4
79	45.7	35.8	53.8



#18
Hexachloroethane
Concen: 140.989 ng
RT: 8.863 min Scan# 999
Delta R.T. 0.018 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:	117	Resp:	1184275
Ion	Ratio	Lower	Upper
117	100		
119	376.8	77.3	115.9#
201	0.3	102.8	154.2#



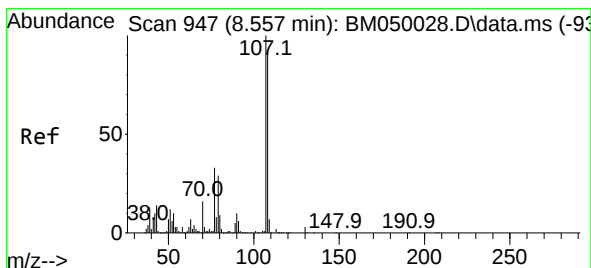
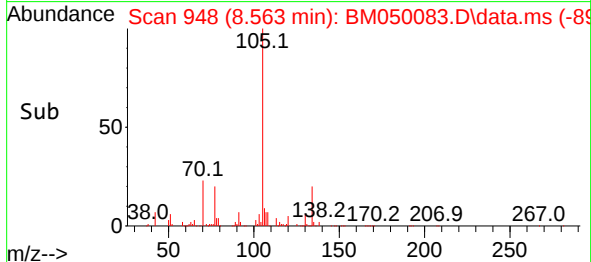
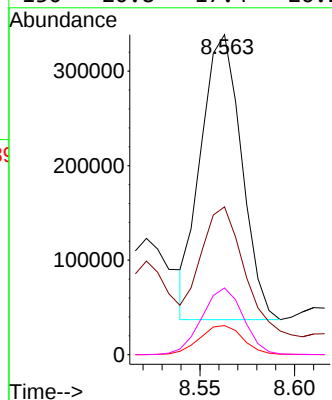
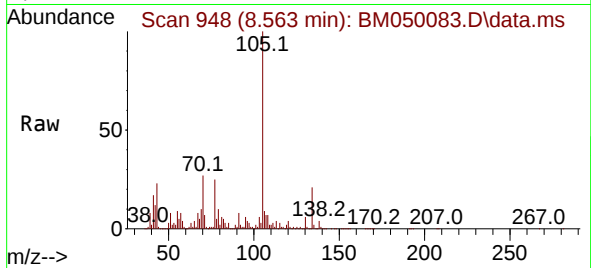


#19
n-Nitroso-di-n-propylamine
Concen: 31.037 ng
RT: 8.563 min Scan# 944
Delta R.T. -0.012 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Instrument :
BNA_M
ClientSampleId :
SS-8MS

Tgt Ion: 70 Resp: 450563

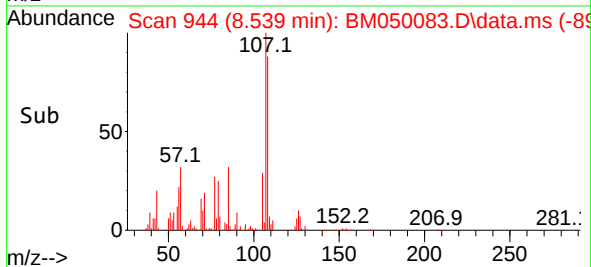
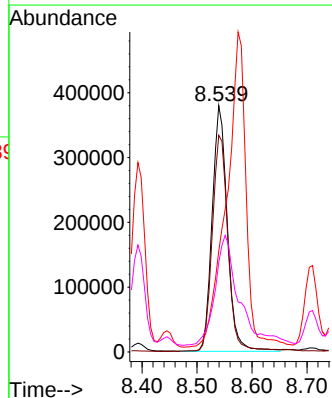
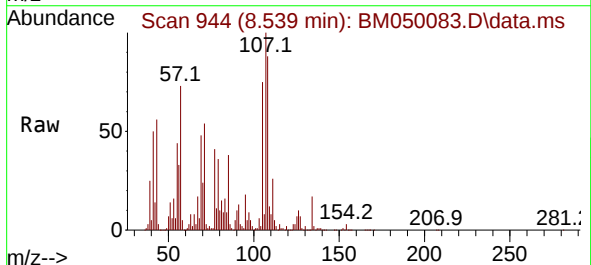
Ion	Ratio	Lower	Upper
70	100		
42	46.2	40.5	60.7
101	9.1	7.8	11.6
130	20.8	17.4	26.2

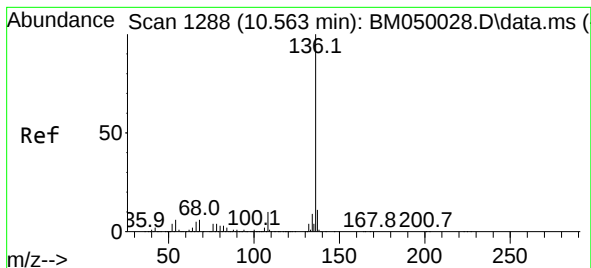


#20
3+4-Methylphenols
Concen: 35.801 ng
RT: 8.539 min Scan# 944
Delta R.T. -0.018 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion: 107 Resp: 729805

Ion	Ratio	Lower	Upper
107	100		
108	87.9	72.4	112.4
77	41.0	13.6	53.6
79	36.4	9.2	49.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.557 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM050083.D

Acq: 02 May 2025 13:20

Instrument :

BNA_M

ClientSampleId :

SS-8MS

Tgt Ion:136 Resp: 672358

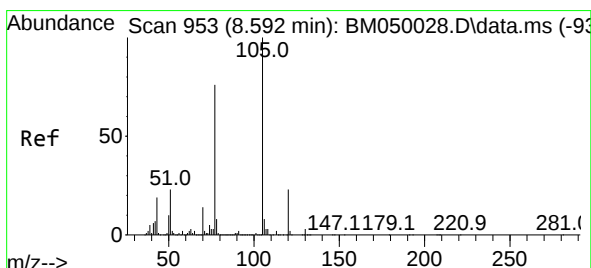
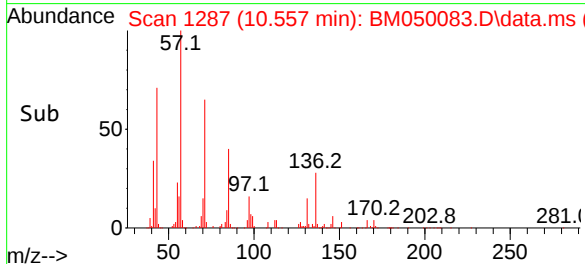
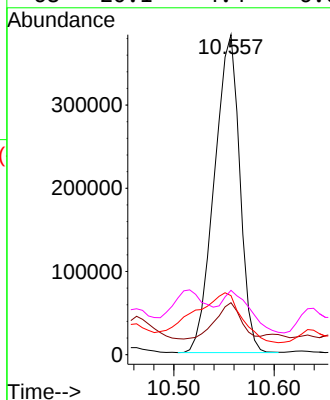
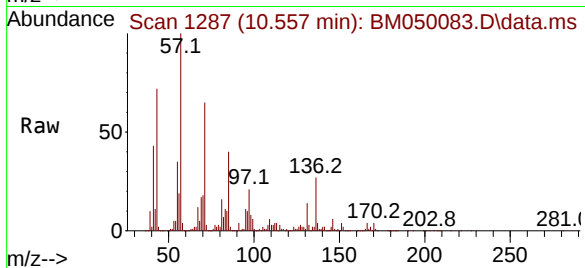
Ion Ratio Lower Upper

136 100

137 16.2 8.9 13.3#

54 18.4 5.1 7.7#

68 20.1 4.4 6.6#



#22

Acetophenone

Concen: 167.605 ng

RT: 8.557 min Scan# 947

Delta R.T. -0.035 min

Lab File: BM050083.D

Acq: 02 May 2025 13:20

Tgt Ion:105 Resp: 2801668

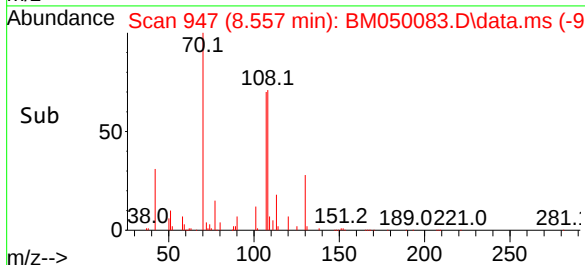
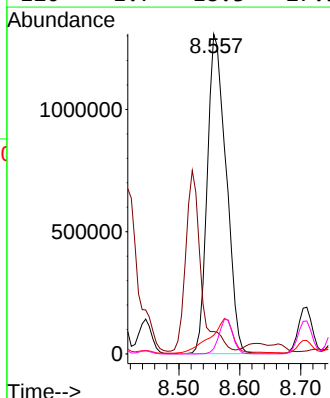
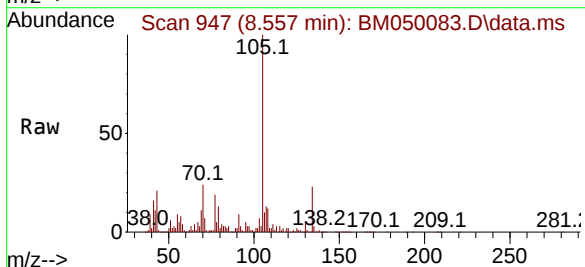
Ion Ratio Lower Upper

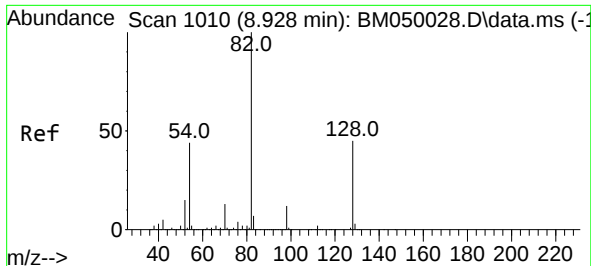
105 100

71 7.0 1.7 2.5#

51 5.9 18.6 27.8#

120 1.7 18.3 27.5#

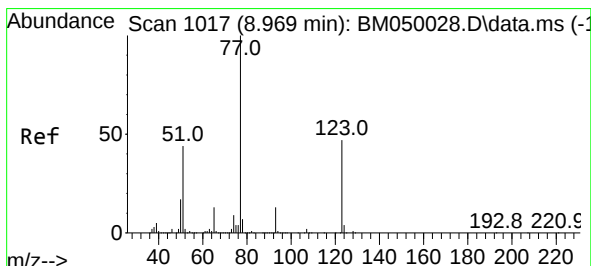
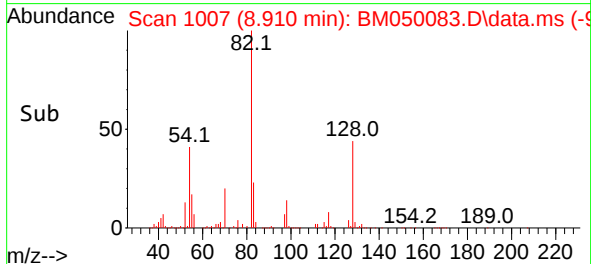
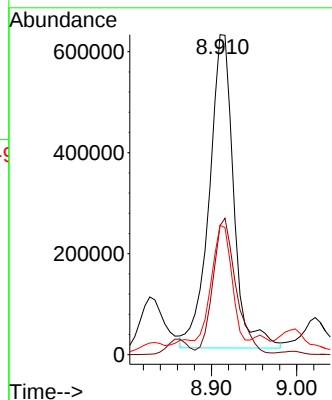
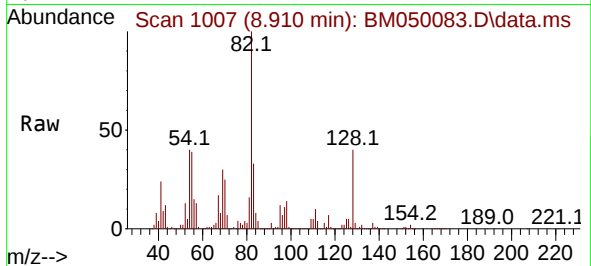




#23
Nitrobenzene-d5
Concen: 90.993 ng
RT: 8.910 min Scan# 1010
Delta R.T. -0.018 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

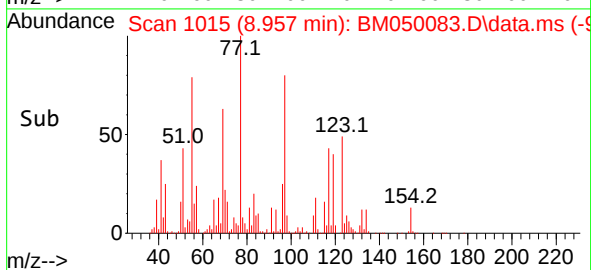
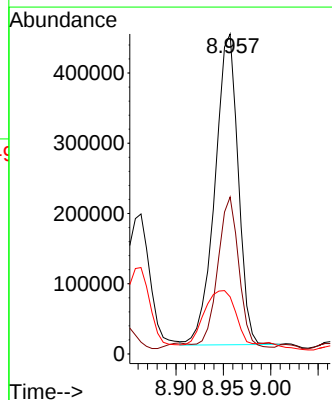
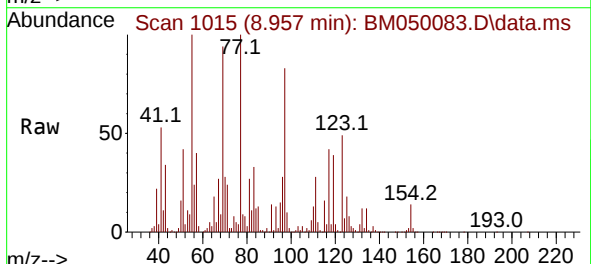
Instrument :
BNA_M
ClientSampleId :
SS-8MS

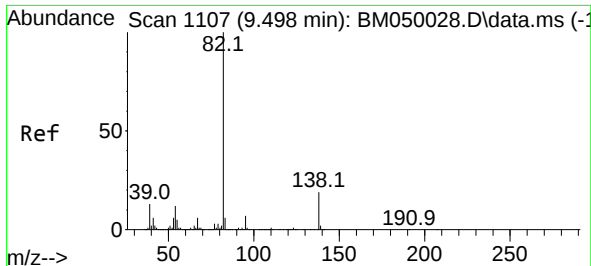
Tgt Ion: 82 Resp: 1241569
Ion Ratio Lower Upper
82 100
128 40.3 35.7 53.5
54 40.4 35.4 53.2



#24
Nitrobenzene
Concen: 64.086 ng
RT: 8.957 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion: 77 Resp: 756087
Ion Ratio Lower Upper
77 100
123 49.0 37.9 56.9
65 17.9 10.1 15.1#





#25

Isophorone

Concen: 76.813 ng

RT: 9.481 min Scan# 1107

Delta R.T. -0.018 min

Lab File: BM050083.D

Acq: 02 May 2025 13:20

Instrument :

BNA_M

ClientSampleId :

SS-8MS

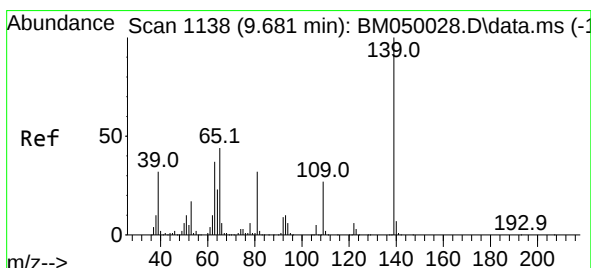
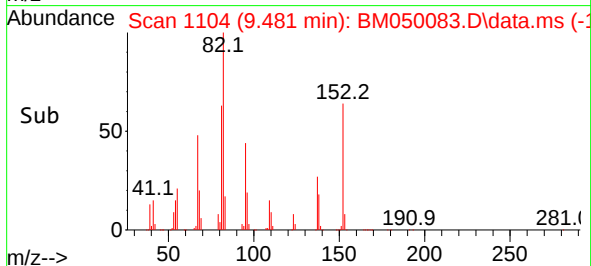
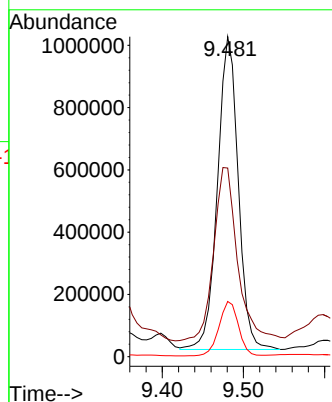
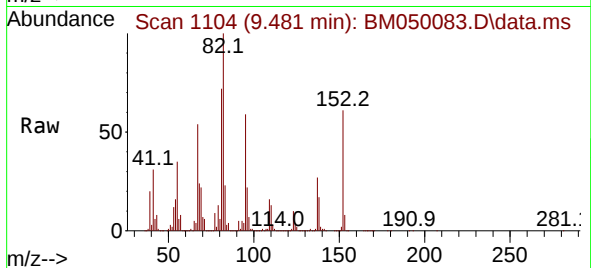
Tgt Ion: 82 Resp: 1786555

Ion Ratio Lower Upper

82 100

95 59.0 5.7 8.5#

138 17.2 15.5 23.3



#26

2-Nitrophenol

Concen: 67.404 ng

RT: 9.669 min Scan# 1136

Delta R.T. -0.012 min

Lab File: BM050083.D

Acq: 02 May 2025 13:20

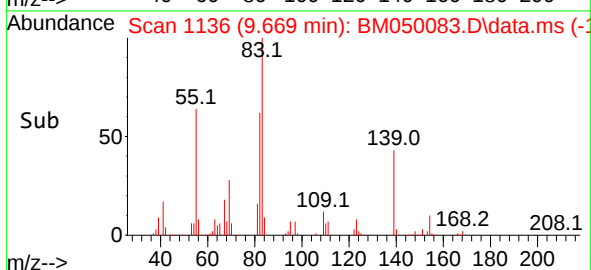
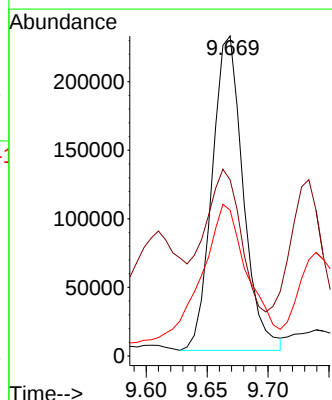
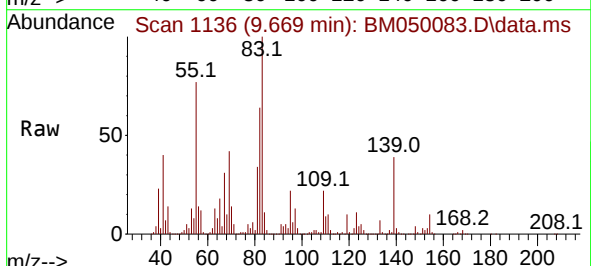
Tgt Ion:139 Resp: 406262

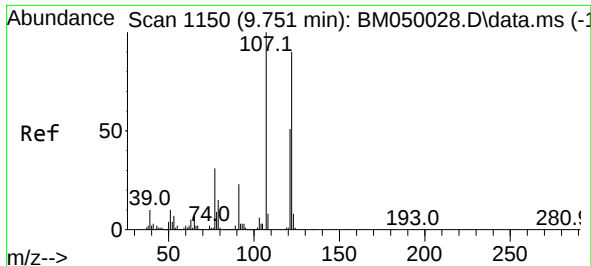
Ion Ratio Lower Upper

139 100

109 55.1 21.9 32.9#

65 45.6 35.4 53.2

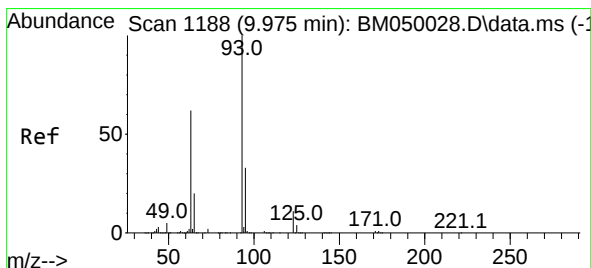
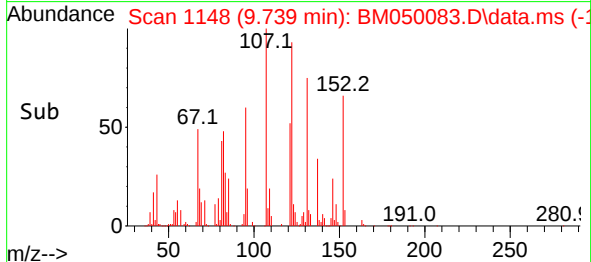
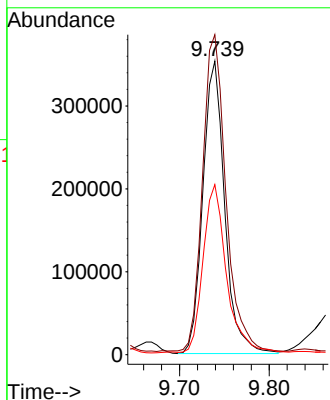
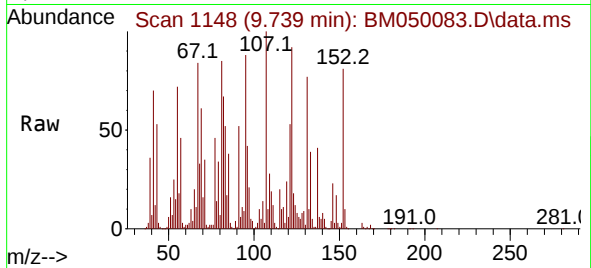




#27
2,4-Dimethylphenol
Concen: 59.617 ng
RT: 9.739 min Scan# 1150
Delta R.T. -0.012 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

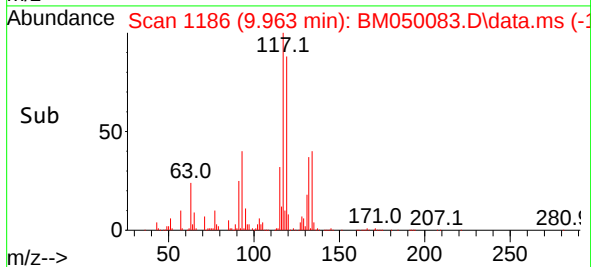
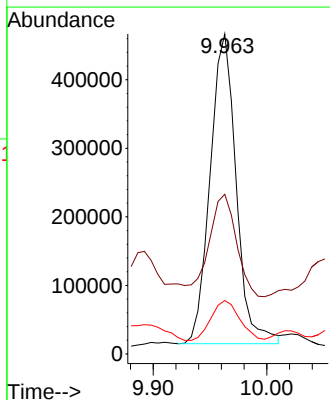
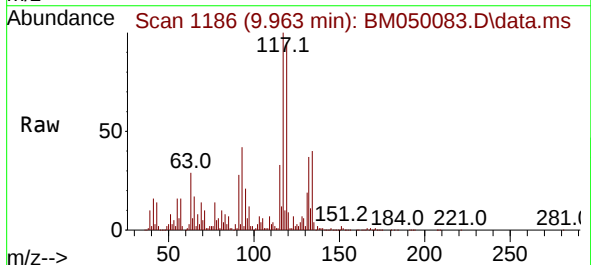
Instrument :
BNA_M
ClientSampleId :
SS-8MS

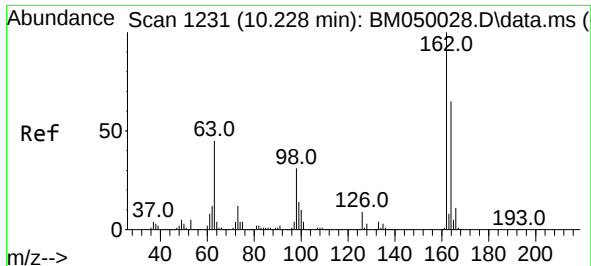
Tgt Ion:122 Resp: 595897
Ion Ratio Lower Upper
122 100
107 109.0 89.0 133.6
121 57.9 45.6 68.4



#28
bis(2-Chloroethoxy)methane
Concen: 50.064 ng
RT: 9.963 min Scan# 1186
Delta R.T. -0.012 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion: 93 Resp: 719708
Ion Ratio Lower Upper
93 100
95 49.9 26.1 39.1#
123 16.7 9.5 14.3#





#29

2,4-Dichlorophenol

Concen: 64.831 ng

RT: 10.216 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM050083.D

Acq: 02 May 2025 13:20

Instrument :

BNA_M

ClientSampleId :

SS-8MS

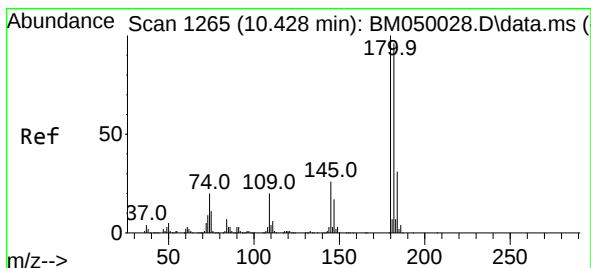
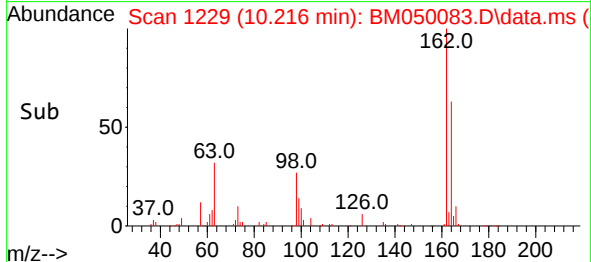
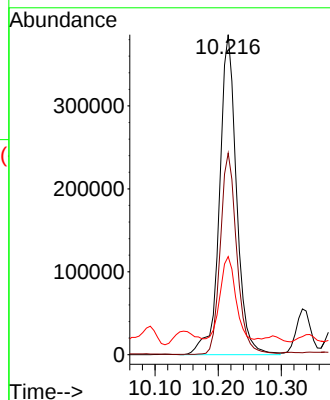
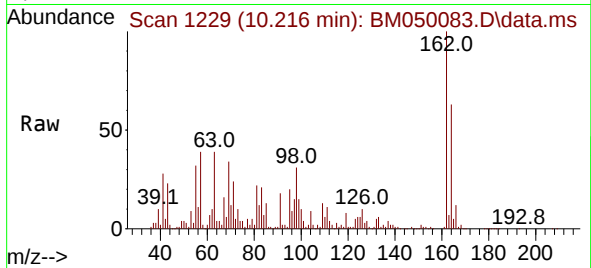
Tgt Ion:162 Resp: 725959

Ion Ratio Lower Upper

162 100

164 63.0 45.4 85.4

98 30.6 11.3 51.3



#30

1,2,4-Trichlorobenzene

Concen: 60.884 ng

RT: 10.416 min Scan# 1263

Delta R.T. -0.012 min

Lab File: BM050083.D

Acq: 02 May 2025 13:20

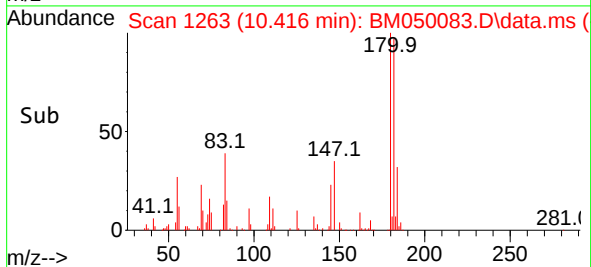
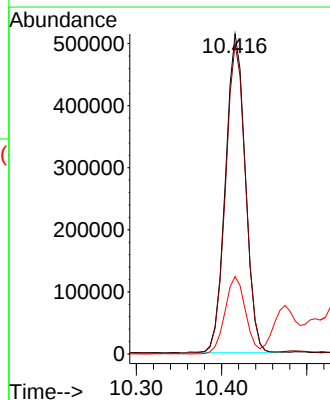
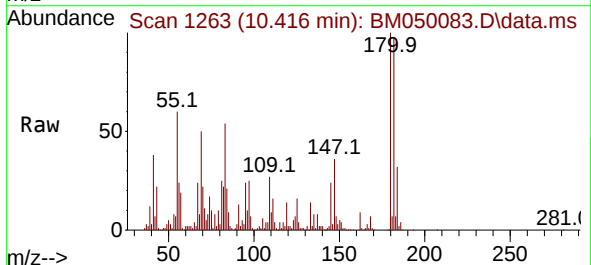
Tgt Ion:180 Resp: 830639

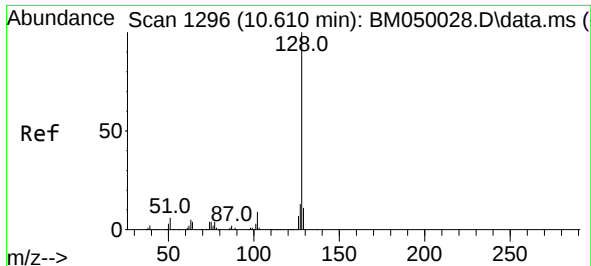
Ion Ratio Lower Upper

180 100

182 96.8 77.0 115.4

145 24.2 20.6 30.8

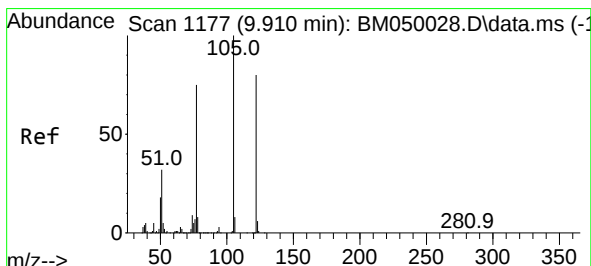
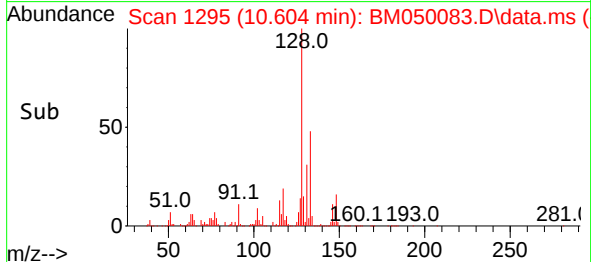
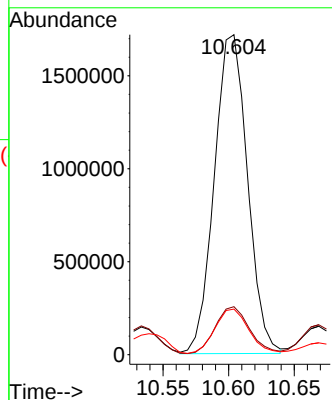
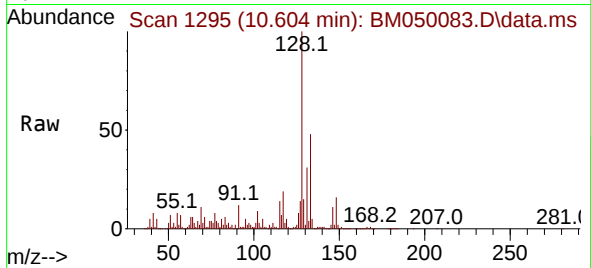




#31
Naphthalene
Concen: 88.661 ng
RT: 10.604 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

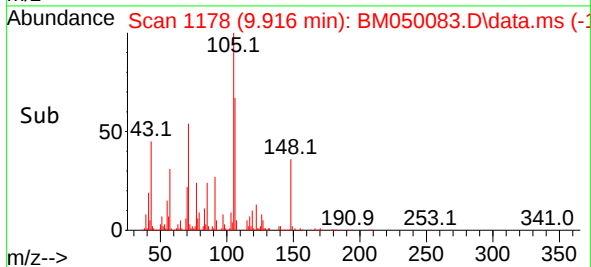
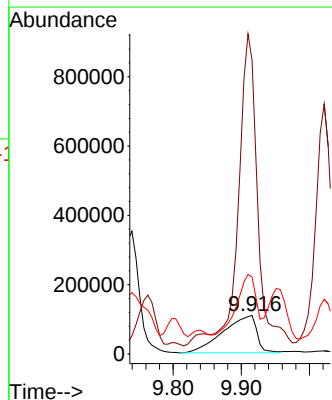
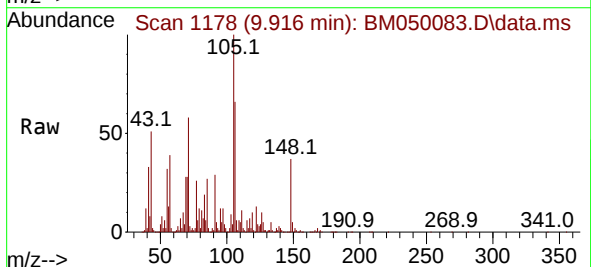
Instrument :
BNA_M
ClientSampleId :
SS-8MS

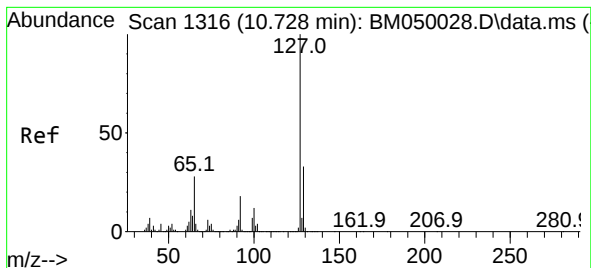
Tgt Ion:128 Resp: 3018930
Ion Ratio Lower Upper
128 100
129 15.0 8.8 13.2#
127 14.3 10.4 15.6



#32
Benzoic acid
Concen: 58.030 ng
RT: 9.916 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:122 Resp: 370969
Ion Ratio Lower Upper
122 100
105 763.2 103.6 143.6#
77 199.7 73.7 113.7#

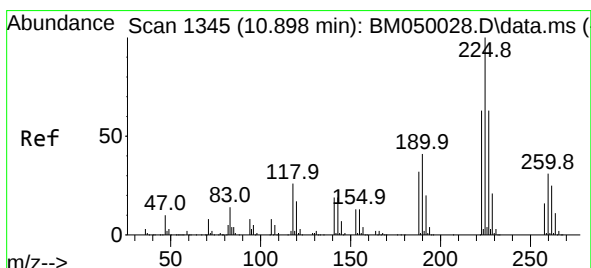
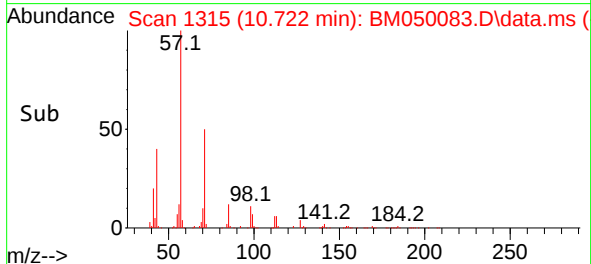
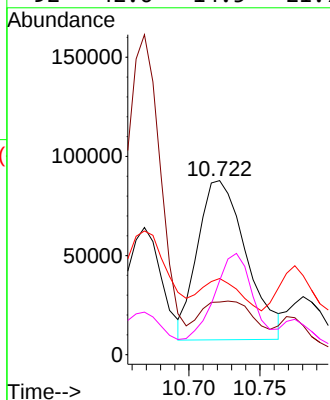
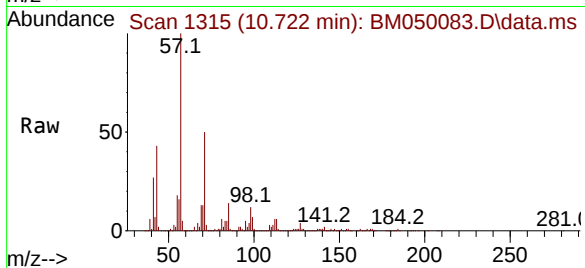




#33
4-Chloroaniline
Concen: 13.680 ng
RT: 10.722 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

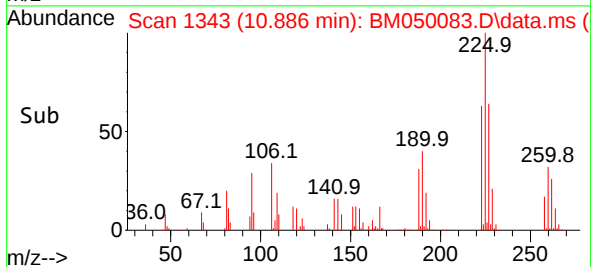
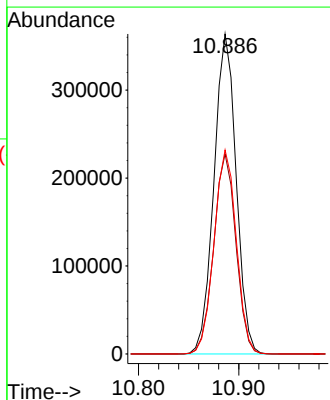
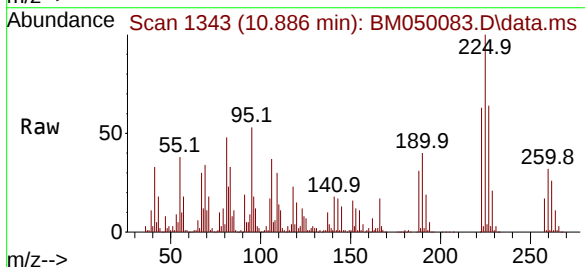
Instrument :
BNA_M
ClientSampleId :
SS-8MS

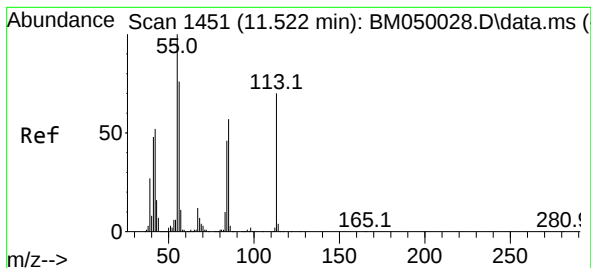
Tgt Ion:	127	Resp:	190920
Ion	Ratio	Lower	Upper
127	100		
129	30.2	26.3	39.5
65	43.7	22.5	33.7#
92	42.6	14.5	21.7#



#34
Hexachlorobutadiene
Concen: 64.456 ng
RT: 10.886 min Scan# 1343
Delta R.T. -0.012 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:	225	Resp:	558193
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.2	75.2
227	63.7	50.6	76.0





#35

Caprolactam

Concen: 37.247 ng

RT: 11.480 min Scan# 14

Delta R.T. -0.041 min

Lab File: BM050083.D

Acq: 02 May 2025 13:20

Instrument :

BNA_M

ClientSampleId :

SS-8MS

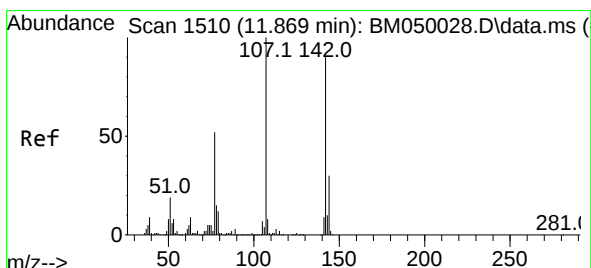
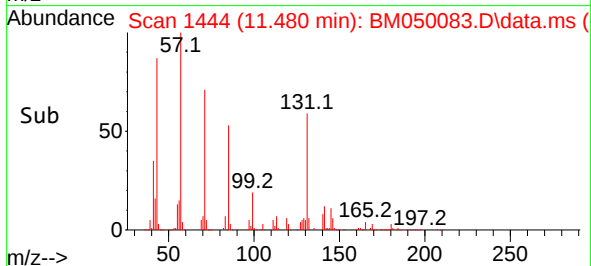
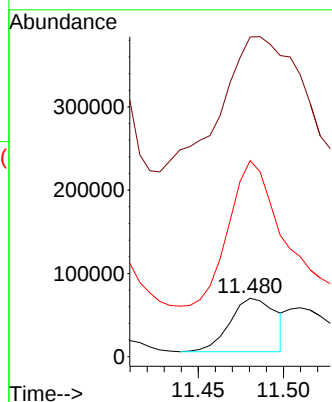
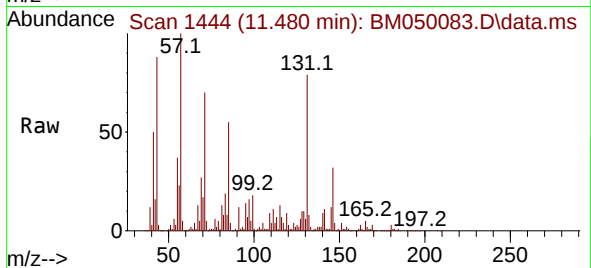
Tgt Ion:113 Resp: 121610

Ion Ratio Lower Upper

113 100

55 547.9 122.9 162.9#

56 335.9 88.1 128.1#



#36

4-Chloro-3-methylphenol

Concen: 50.150 ng

RT: 11.863 min Scan# 1509

Delta R.T. -0.006 min

Lab File: BM050083.D

Acq: 02 May 2025 13:20

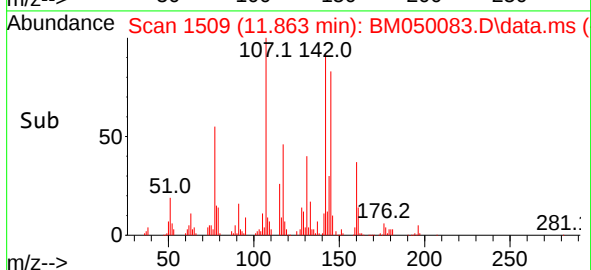
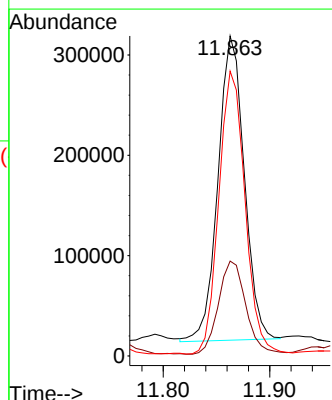
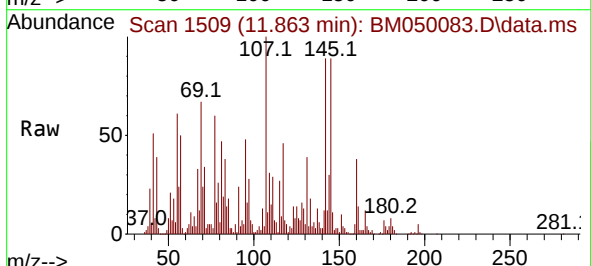
Tgt Ion:107 Resp: 518827

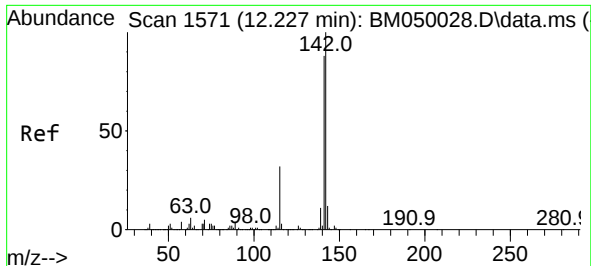
Ion Ratio Lower Upper

107 100

144 29.6 23.8 35.6

142 89.0 71.9 107.9

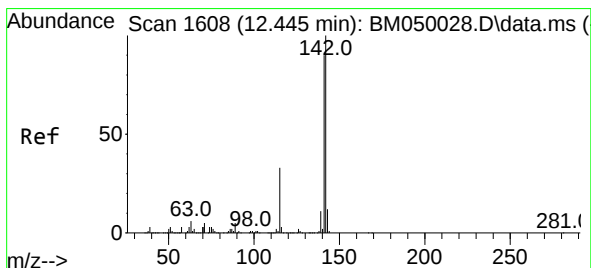
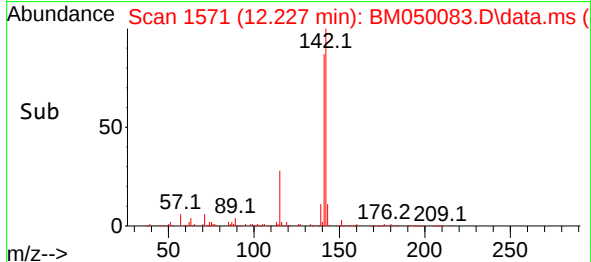
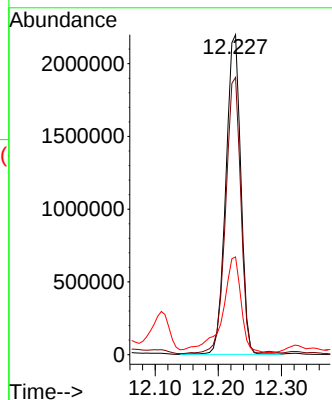
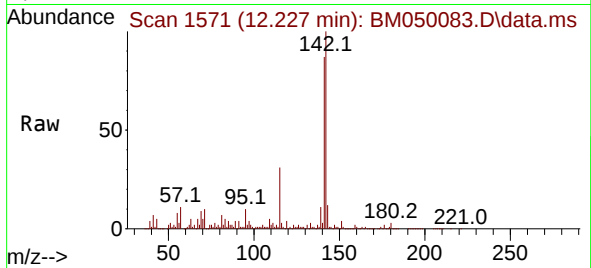




#37
2-Methylnaphthalene
Concen: 158.570 ng
RT: 12.227 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

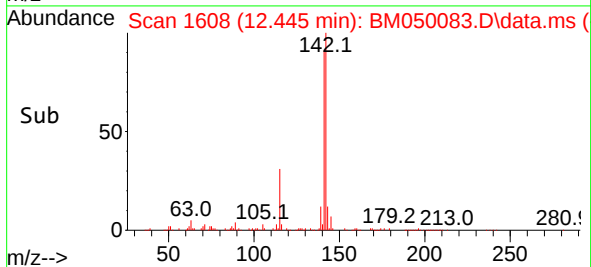
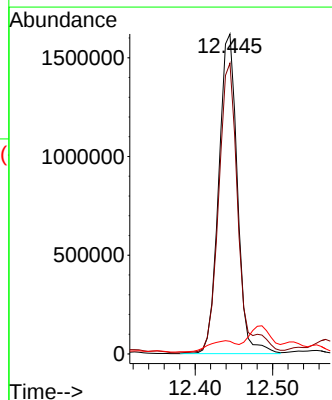
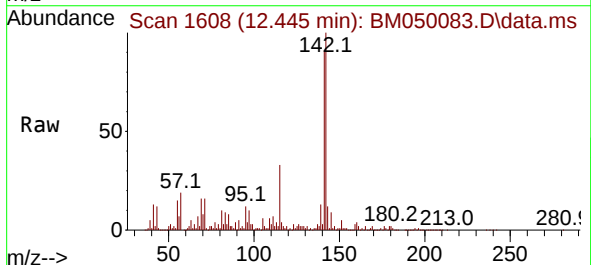
Instrument :
BNA_M
ClientSampleId :
SS-8MS

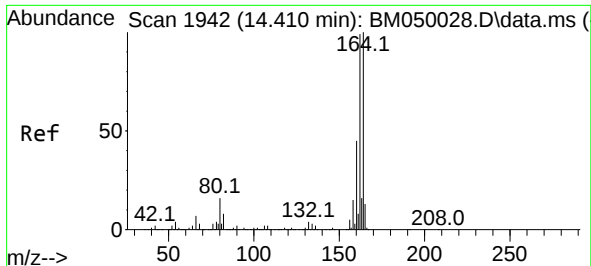
Tgt Ion:142 Resp: 3619943
Ion Ratio Lower Upper
142 100
141 86.7 70.4 105.6
115 30.5 25.4 38.2



#38
1-Methylnaphthalene
Concen: 112.277 ng
RT: 12.445 min Scan# 1608
Delta R.T. -0.000 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:142 Resp: 2712508
Ion Ratio Lower Upper
142 100
141 90.9 72.1 108.1
116 3.9 2.7 4.1

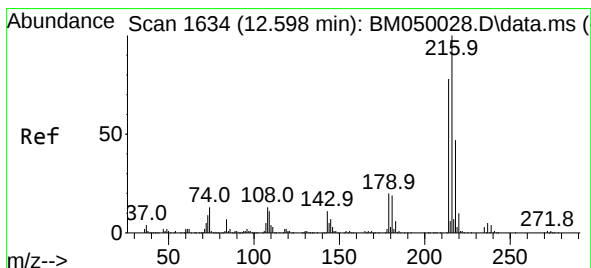
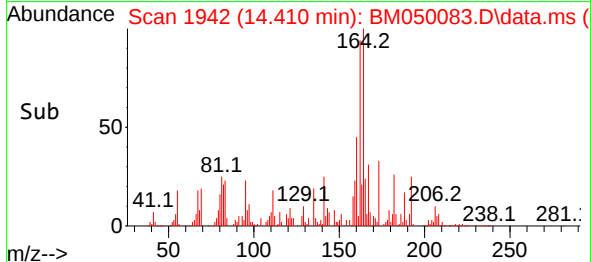
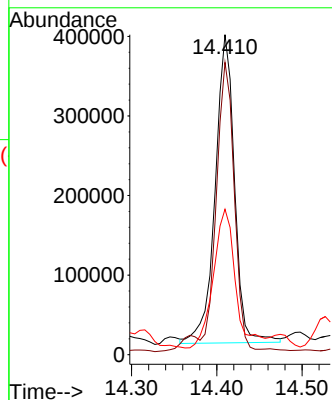
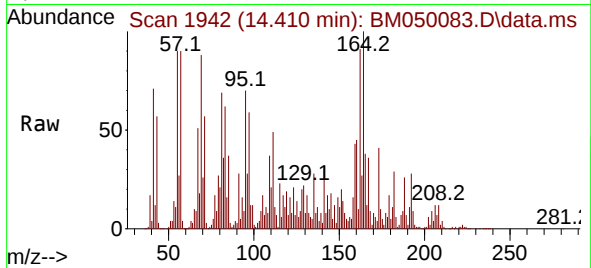




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

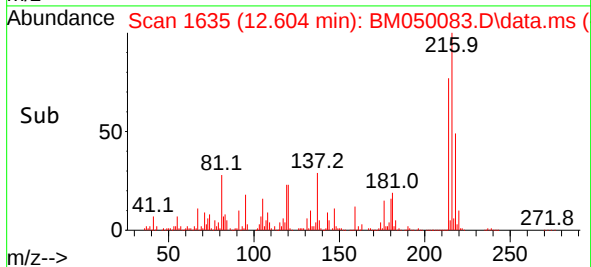
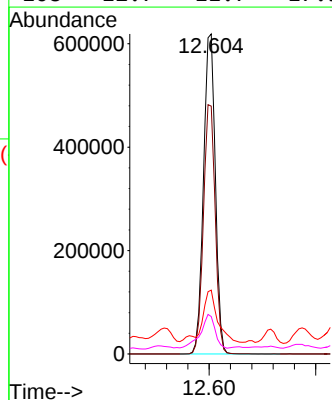
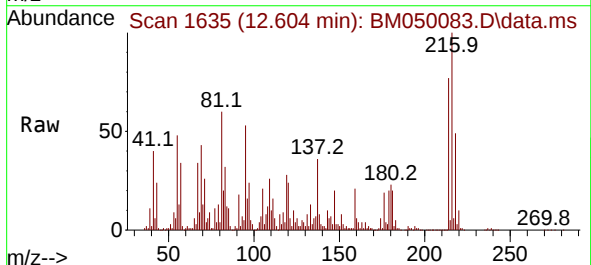
Instrument :
BNA_M
ClientSampleId :
SS-8MS

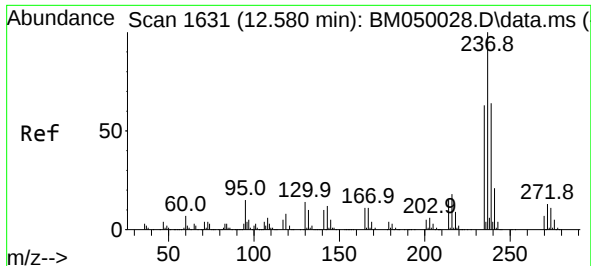
Tgt Ion:164 Resp: 611965
Ion Ratio Lower Upper
164 100
162 91.4 79.4 119.0
160 45.4 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.853 ng
RT: 12.604 min Scan# 1635
Delta R.T. 0.006 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:216 Resp: 950192
Ion Ratio Lower Upper
216 100
214 77.9 62.3 93.5
179 20.0 15.4 23.0
108 12.7 11.7 17.5

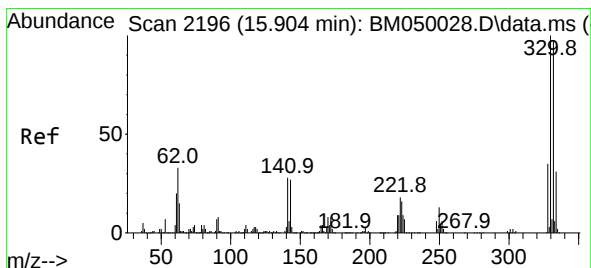
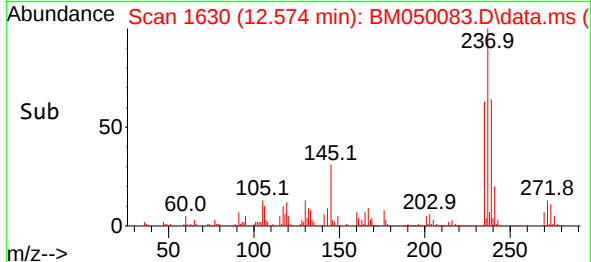
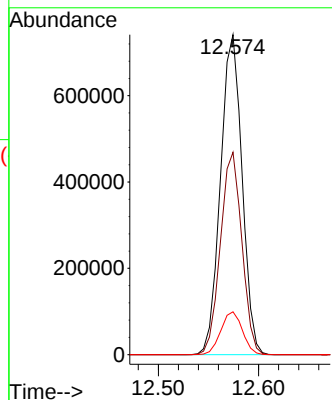
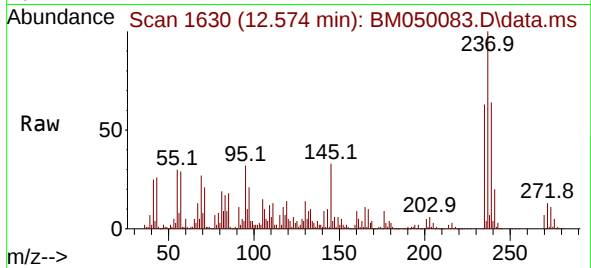




#41
Hexachlorocyclopentadiene
Concen: 85.454 ng
RT: 12.574 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

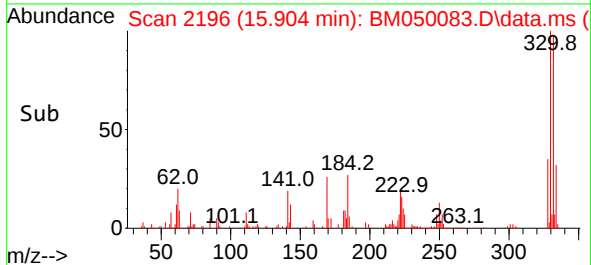
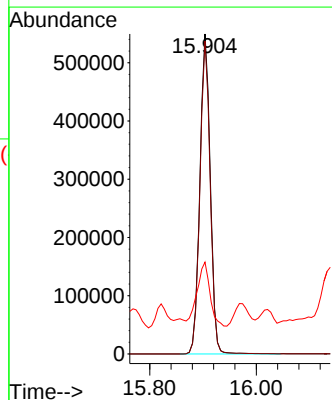
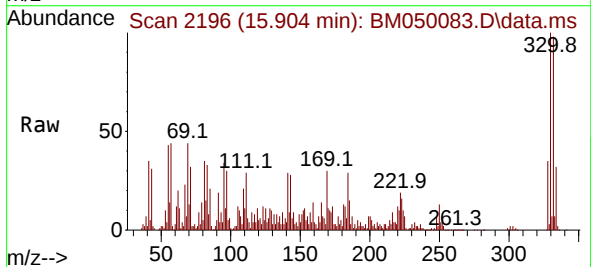
Instrument :
BNA_M
ClientSampleId :
SS-8MS

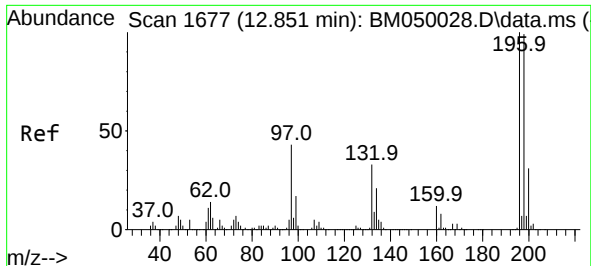
Tgt Ion:237 Resp: 1106317
Ion Ratio Lower Upper
237 100
235 63.2 42.9 82.9
272 13.4 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 82.569 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:330 Resp: 747146
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 24.6 22.5 33.7

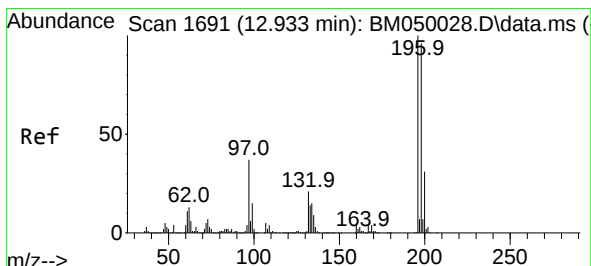
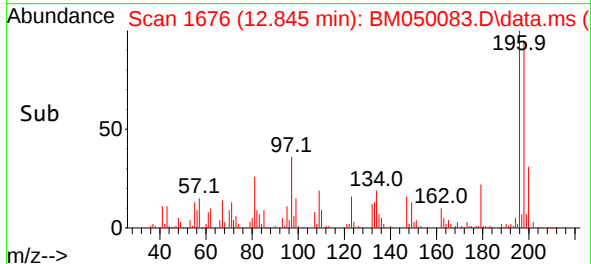
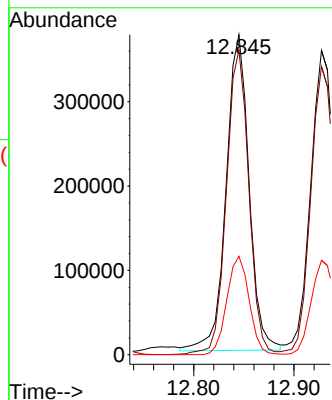
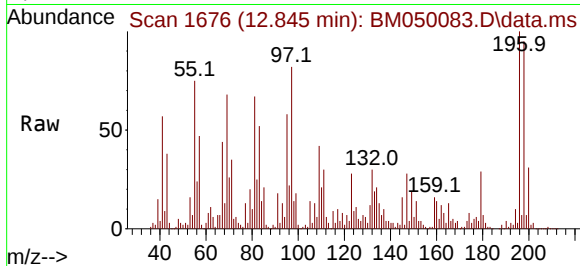




#43
2,4,6-Trichlorophenol
Concen: 44.312 ng
RT: 12.845 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

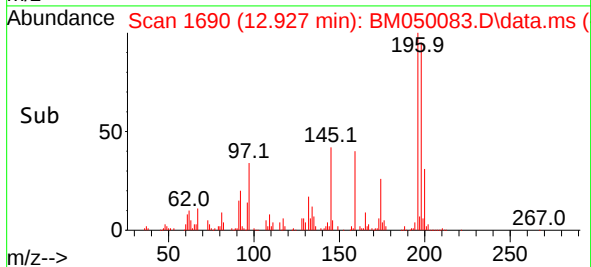
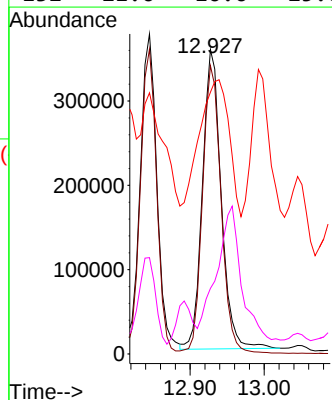
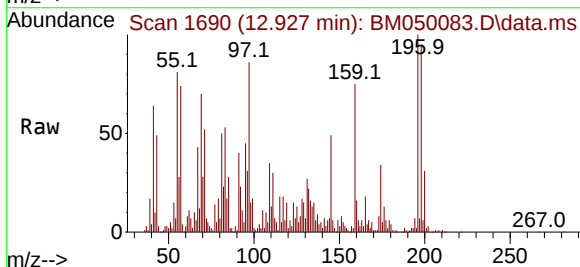
Instrument :
BNA_M
ClientSampleId :
SS-8MS

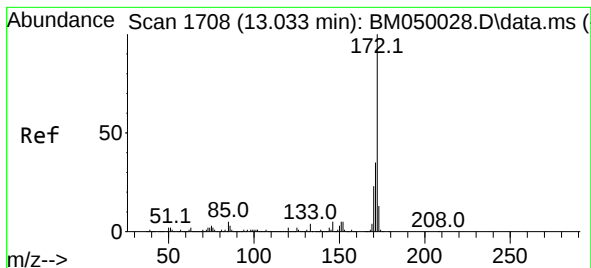
Tgt Ion:196 Resp: 595406
Ion Ratio Lower Upper
196 100
198 95.2 79.0 118.6
200 30.8 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 43.063 ng
RT: 12.927 min Scan# 1690
Delta R.T. -0.006 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:196 Resp: 623962
Ion Ratio Lower Upper
196 100
198 94.7 76.7 115.1
97 86.1 30.1 45.1#
132 21.6 16.6 25.0





#45

2-Fluorobiphenyl

Concen: 44.664 ng

RT: 13.021 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM050083.D

Acq: 02 May 2025 13:20

Instrument :

BNA_M

ClientSampleId :

SS-8MS

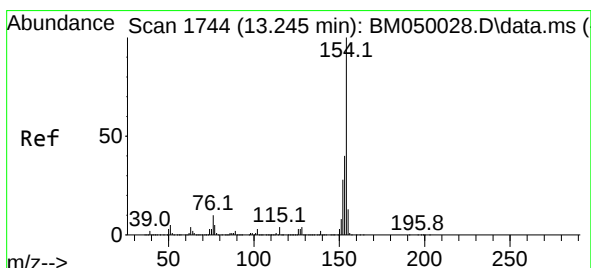
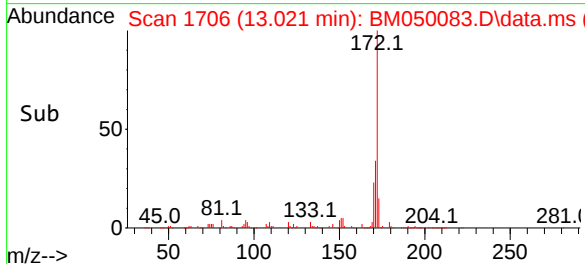
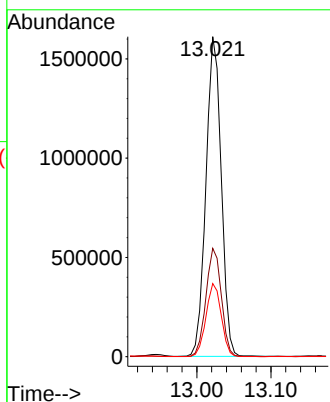
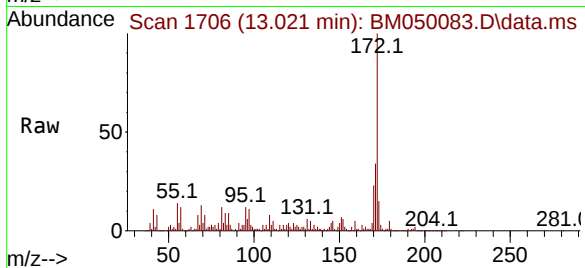
Tgt Ion:172 Resp: 2310504

Ion Ratio Lower Upper

172 100

171 33.9 27.8 41.6

170 22.8 18.6 28.0



#46

1,1'-Biphenyl

Concen: 39.419 ng

RT: 13.233 min Scan# 1742

Delta R.T. -0.012 min

Lab File: BM050083.D

Acq: 02 May 2025 13:20

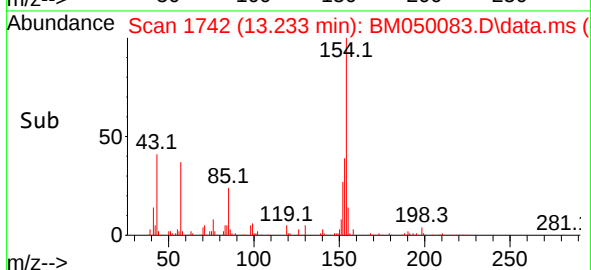
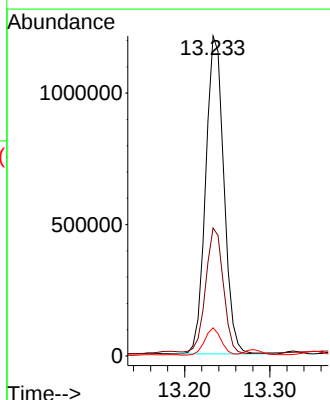
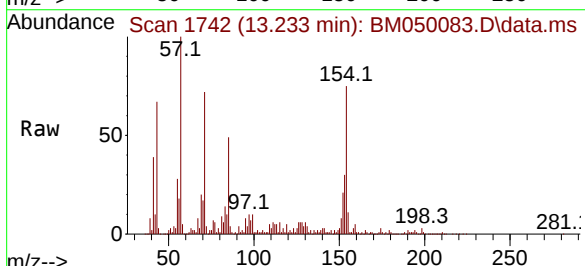
Tgt Ion:154 Resp: 1793182

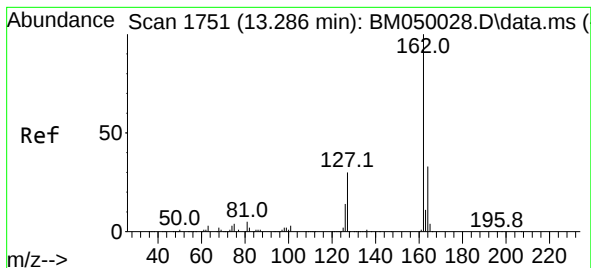
Ion Ratio Lower Upper

154 100

153 40.0 20.0 60.0

76 8.8 0.0 30.3

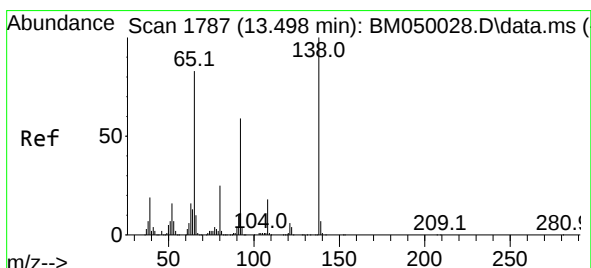
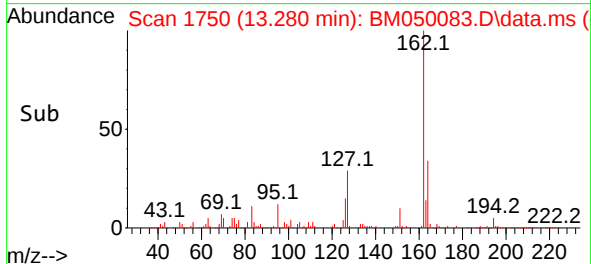
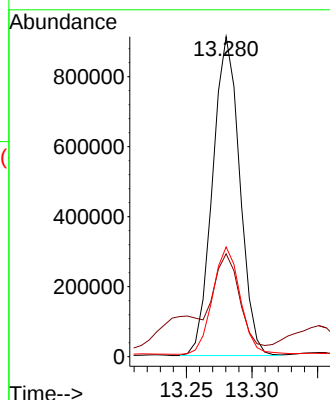
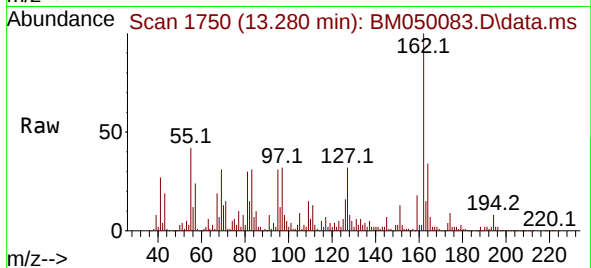




#47
2-Chloronaphthalene
Concen: 36.393 ng
RT: 13.280 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

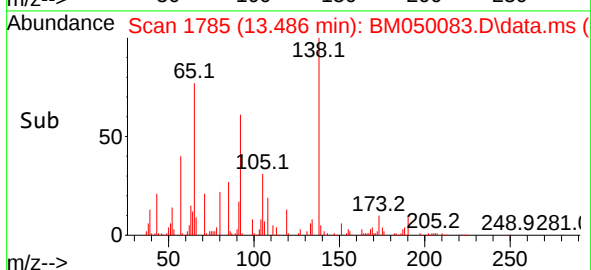
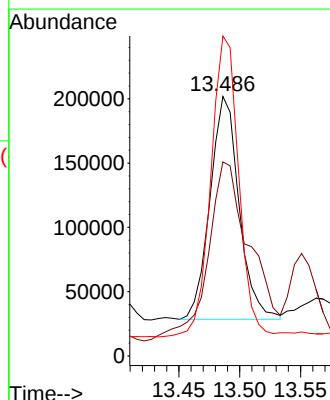
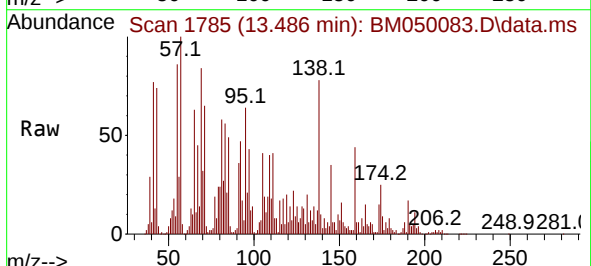
Instrument :
BNA_M
ClientSampleId :
SS-8MS

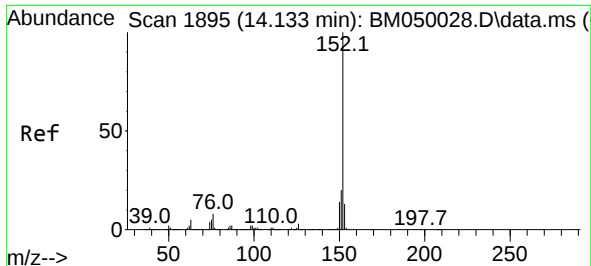
Tgt Ion:162 Resp: 1311187
Ion Ratio Lower Upper
162 100
127 32.2 25.9 38.9
164 34.3 26.6 40.0



#48
2-Nitroaniline
Concen: 34.003 ng
RT: 13.486 min Scan# 1785
Delta R.T. -0.012 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion: 65 Resp: 287529
Ion Ratio Lower Upper
65 100
92 74.8 57.1 85.7
138 123.3 97.0 145.4

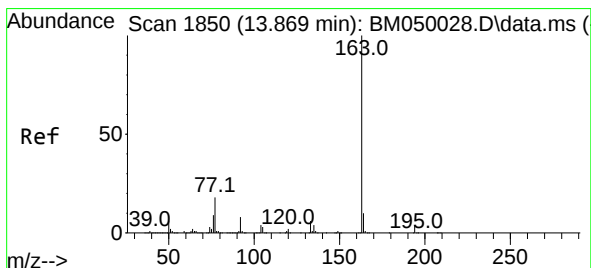
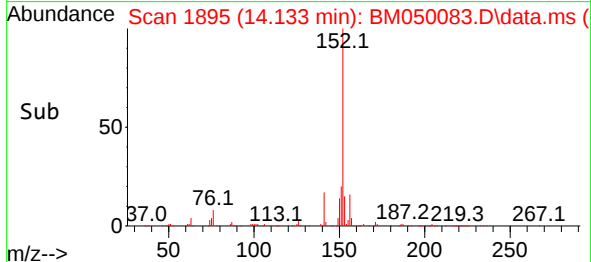
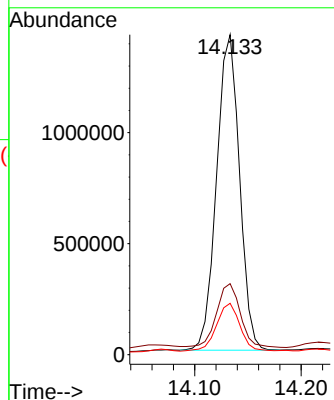
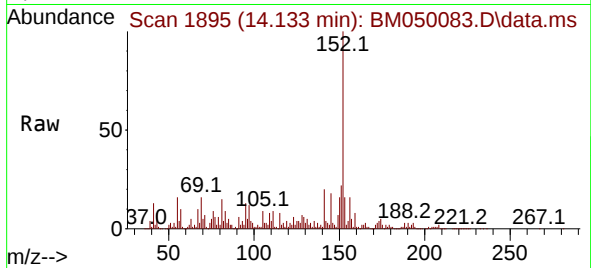




#49
Acenaphthylene
Concen: 37.343 ng
RT: 14.133 min Scan# 1895
Delta R.T. -0.000 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

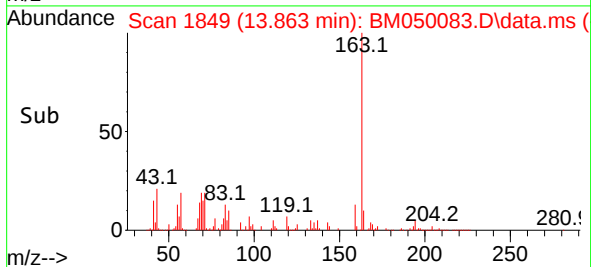
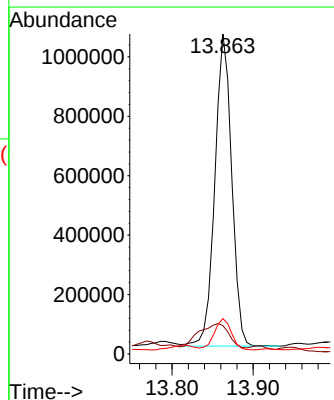
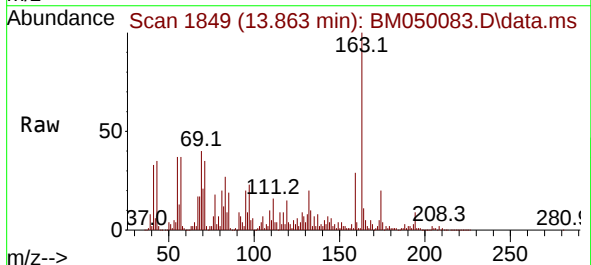
Instrument :
BNA_M
ClientSampleId :
SS-8MS

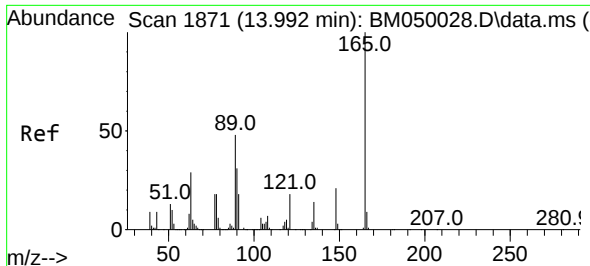
Tgt Ion:152 Resp: 2121312
Ion Ratio Lower Upper
152 100
151 22.2 15.8 23.8
153 16.1 10.6 15.8#



#50
Dimethylphthalate
Concen: 33.902 ng
RT: 13.863 min Scan# 1849
Delta R.T. -0.006 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:163 Resp: 1516207
Ion Ratio Lower Upper
163 100
194 8.9 3.4 5.2#
164 11.1 8.2 12.2

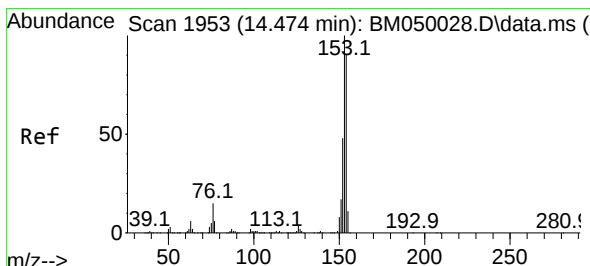
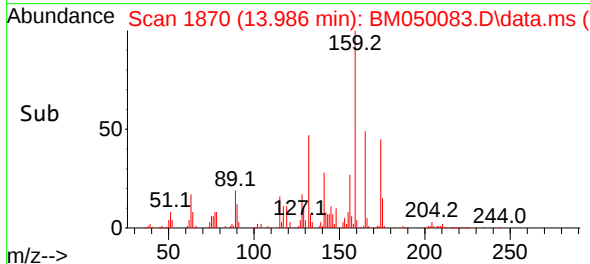
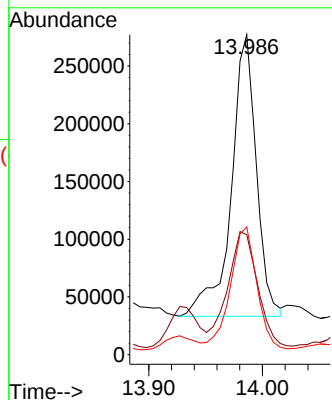
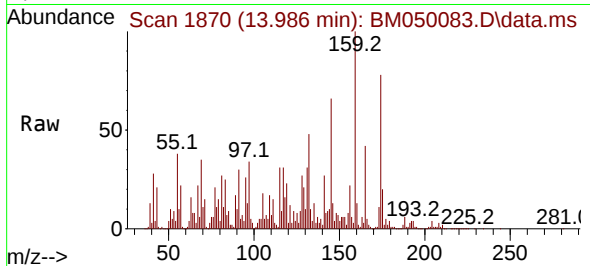




#51
2,6-Dinitrotoluene
Concen: 40.505 ng
RT: 13.986 min Scan# 1870
Delta R.T. -0.006 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

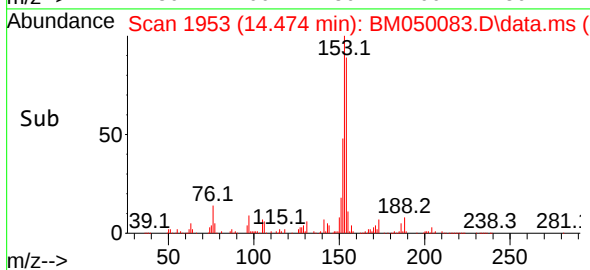
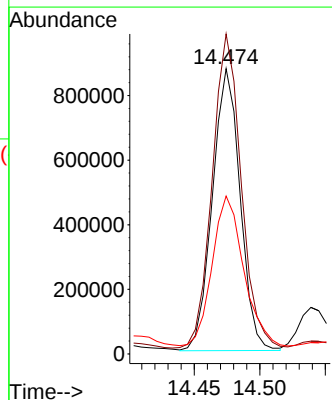
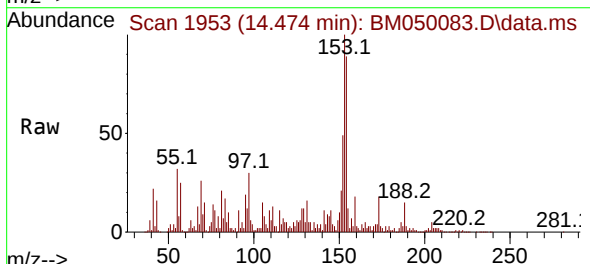
Instrument :
BNA_M
ClientSampleId :
SS-8MS

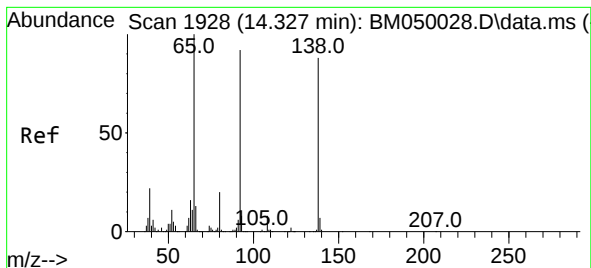
Tgt Ion:165 Resp: 375066
Ion Ratio Lower Upper
165 100
63 37.5 35.1 52.7
89 39.9 38.4 57.6



#52
Acenaphthene
Concen: 39.011 ng
RT: 14.474 min Scan# 1953
Delta R.T. -0.000 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:154 Resp: 1282732
Ion Ratio Lower Upper
154 100
153 112.2 89.0 133.4
152 55.4 43.0 64.6

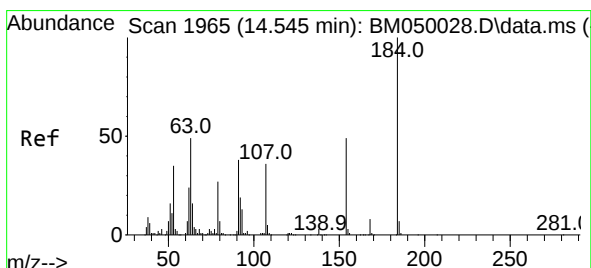
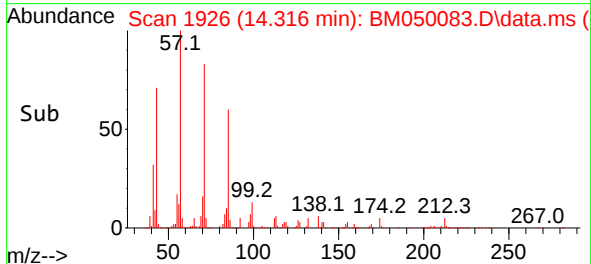
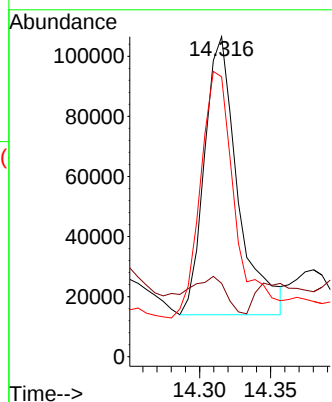
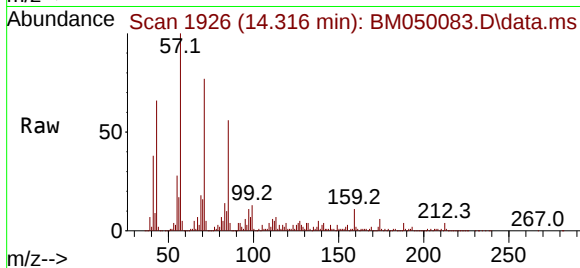




#53
3-Nitroaniline
Concen: 17.162 ng
RT: 14.316 min Scan# 1926
Delta R.T. -0.012 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

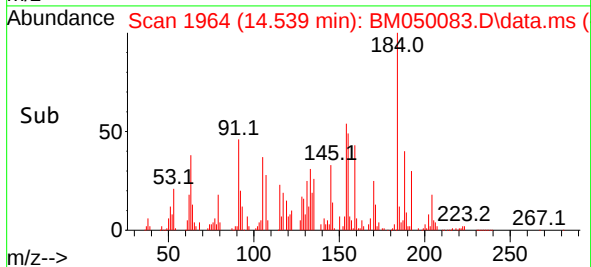
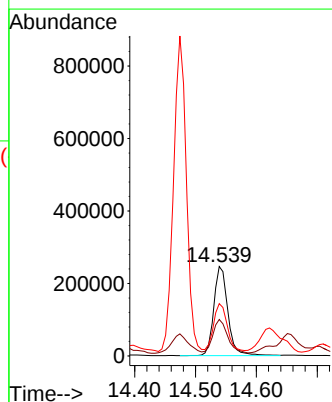
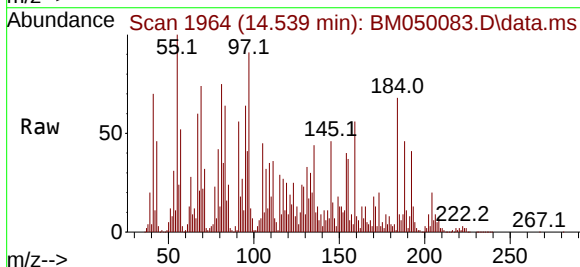
Instrument :
BNA_M
ClientSampleId :
SS-8MS

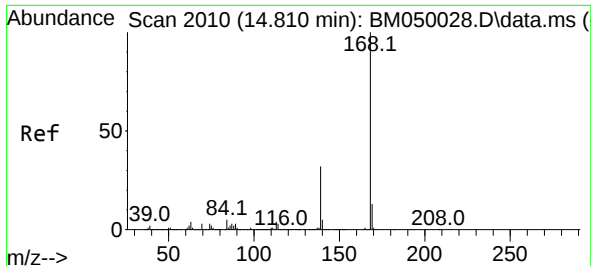
Tgt Ion:138 Resp: 151722
Ion Ratio Lower Upper
138 100
108 22.9 7.4 11.2#
92 87.5 84.0 126.0



#54
2,4-Dinitrophenol
Concen: 67.614 ng
RT: 14.539 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:184 Resp: 394999
Ion Ratio Lower Upper
184 100
63 40.8 39.8 59.6
154 58.4 46.1 69.1

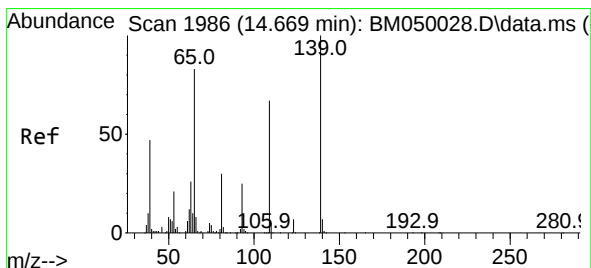
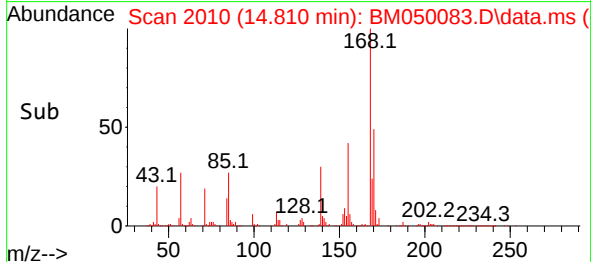
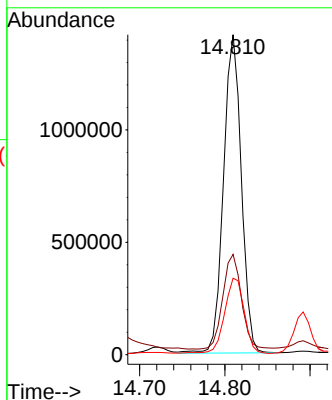
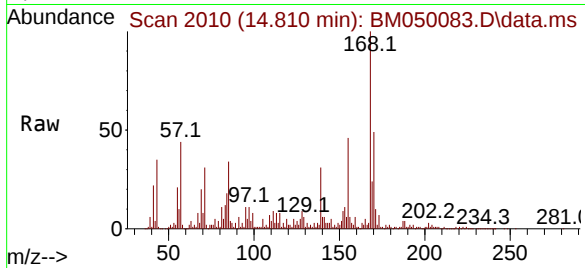




#55
Dibenzofuran
Concen: 37.675 ng
RT: 14.810 min Scan# 2010
Delta R.T. -0.000 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

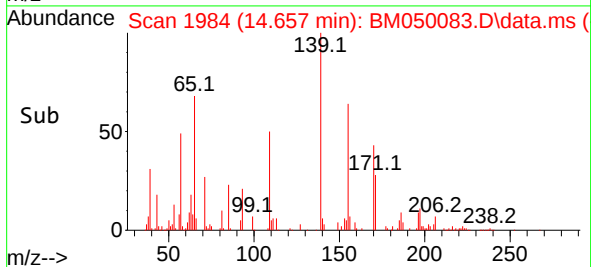
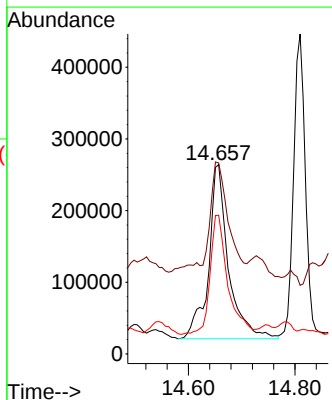
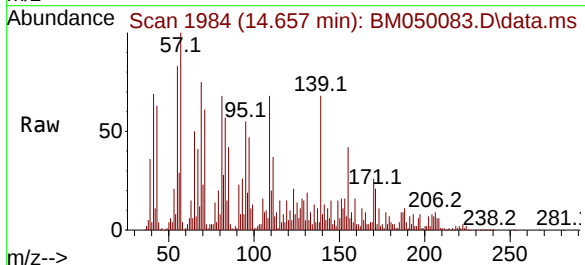
Instrument :
BNA_M
ClientSampleId :
SS-8MS

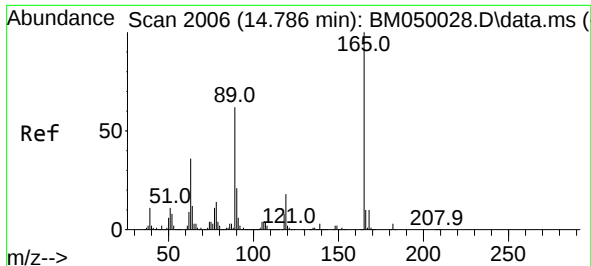
Tgt Ion:168 Resp: 2061098
Ion Ratio Lower Upper
168 100
139 31.4 26.1 39.1
169 23.9 10.8 16.2#



#56
4-Nitrophenol
Concen: 86.712 ng
RT: 14.657 min Scan# 1984
Delta R.T. -0.012 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:139 Resp: 626541
Ion Ratio Lower Upper
139 100
109 100.8 47.0 87.0#
65 73.2 64.3 104.3

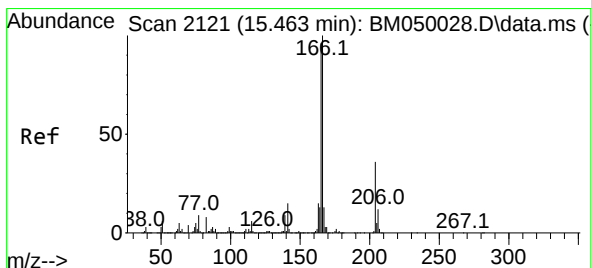
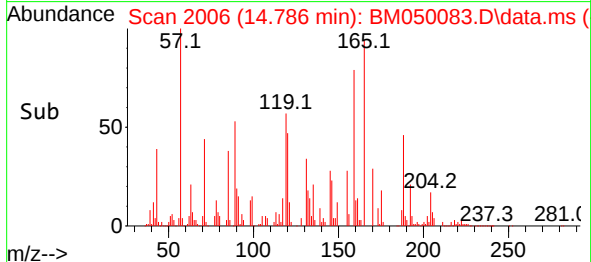
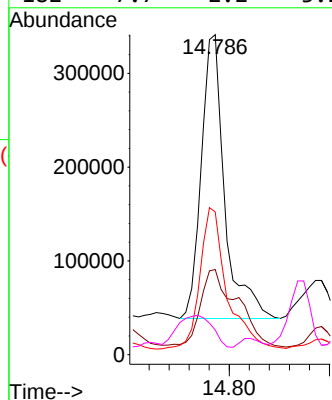
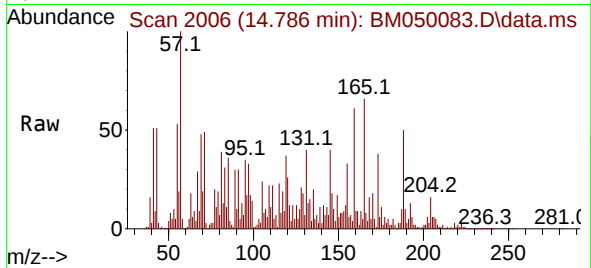




#57
2,4-Dinitrotoluene
Concen: 38.486 ng
RT: 14.786 min Scan# 2006
Delta R.T. -0.000 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

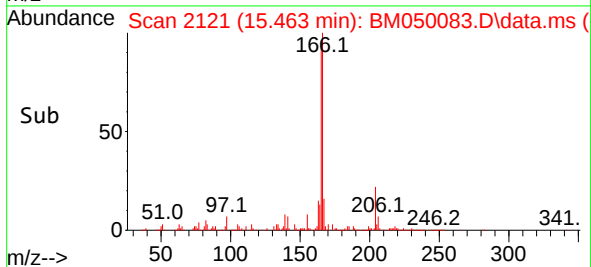
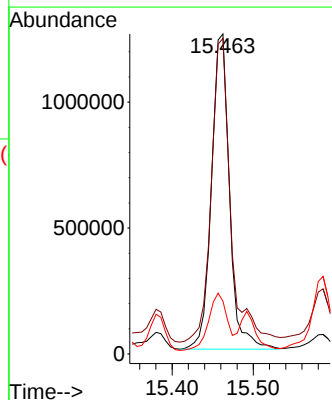
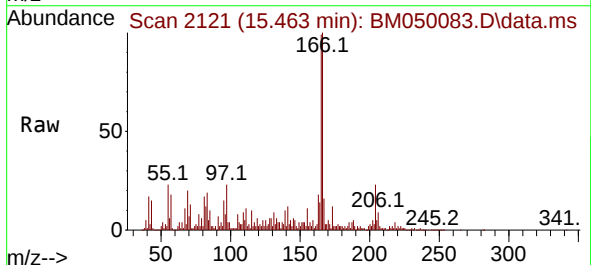
Instrument :
BNA_M
ClientSampleId :
SS-8MS

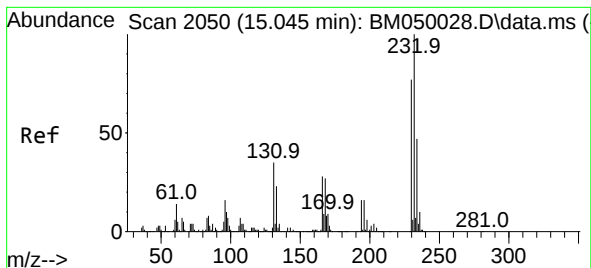
Tgt Ion:165 Resp: 492435
Ion Ratio Lower Upper
165 100
63 26.6 29.0 43.6#
89 44.6 49.4 74.2#
182 7.7 2.2 3.2#



#58
Fluorene
Concen: 43.108 ng
RT: 15.463 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:166 Resp: 1930330
Ion Ratio Lower Upper
166 100
165 98.6 76.6 115.0
167 16.5 10.6 16.0#

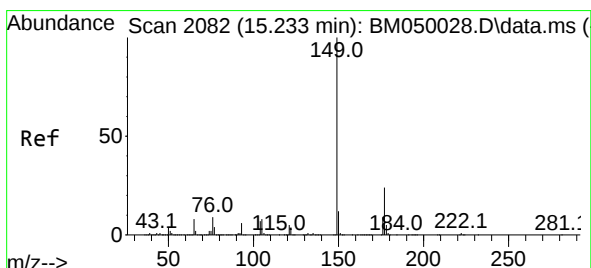
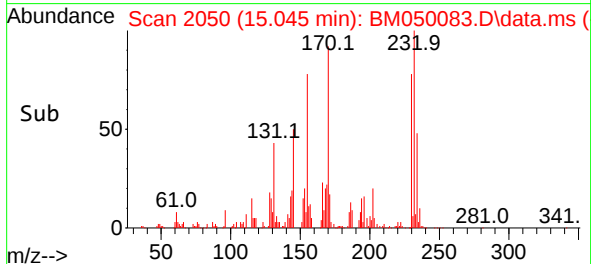
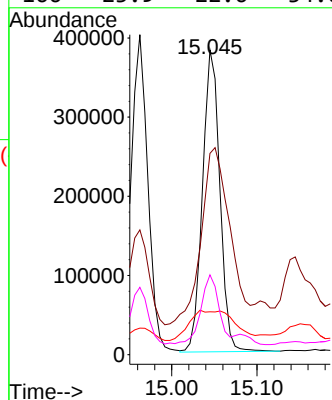
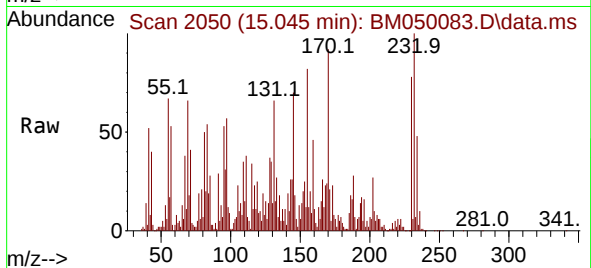




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.016 ng
RT: 15.045 min Scan# 2050
Delta R.T. -0.000 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

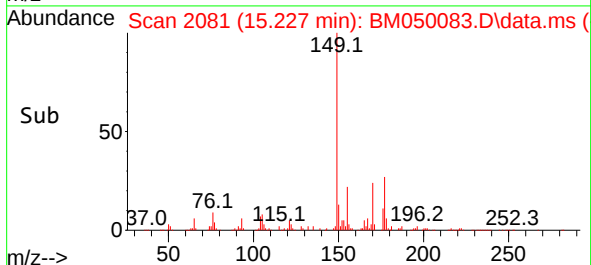
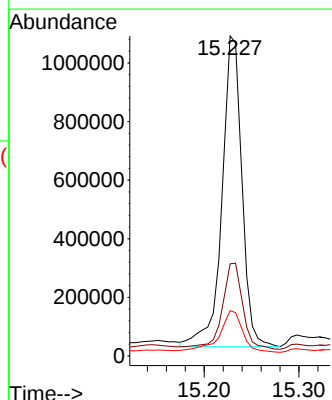
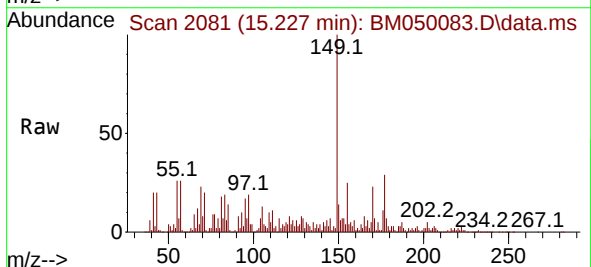
Instrument :
BNA_M
ClientSampleId :
SS-8MS

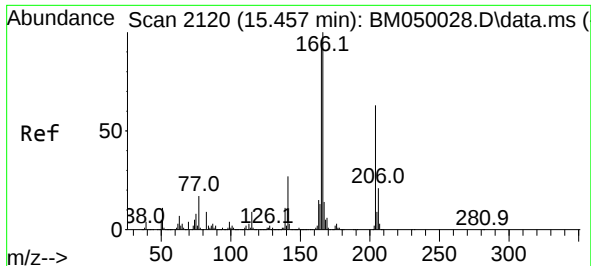
Tgt Ion:232 Resp: 539512
Ion Ratio Lower Upper
232 100
131 96.8 28.2 42.4#
130 14.8 1.5 2.3#
166 23.9 22.6 34.0



#60
Diethylphthalate
Concen: 36.943 ng
RT: 15.227 min Scan# 2081
Delta R.T. -0.006 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:149 Resp: 1556841
Ion Ratio Lower Upper
149 100
177 28.8 19.1 28.7#
150 14.1 9.6 14.4

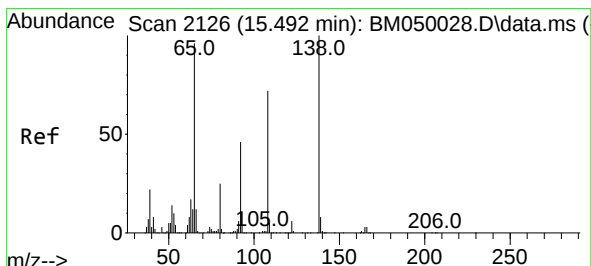
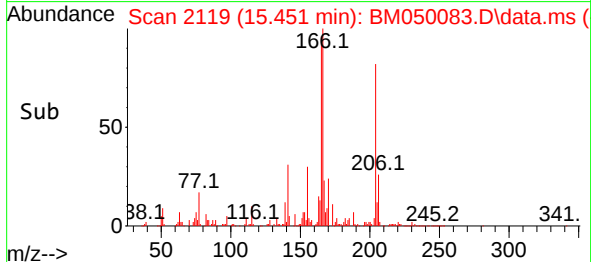
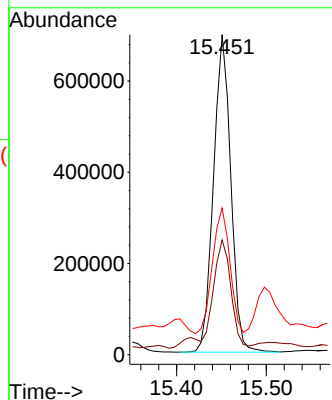
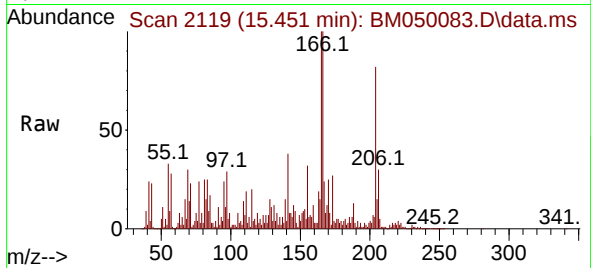




#61
4-Chlorophenyl-phenylether
Concen: 37.908 ng
RT: 15.451 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

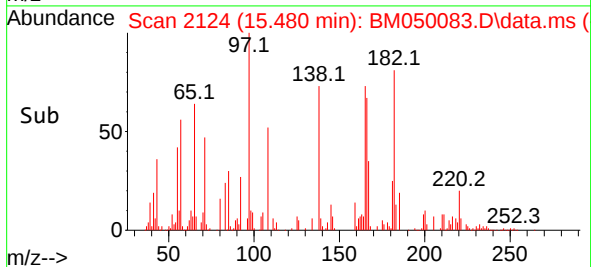
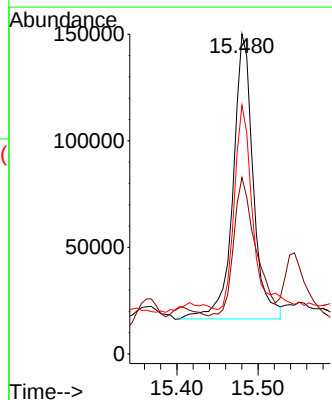
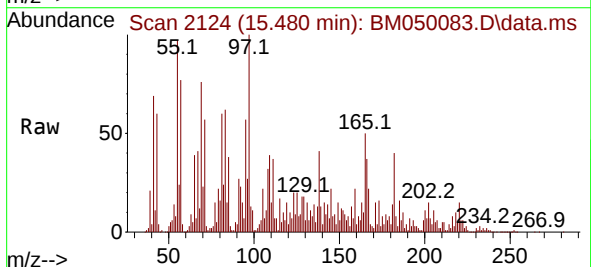
Instrument :
BNA_M
ClientSampleId :
SS-8MS

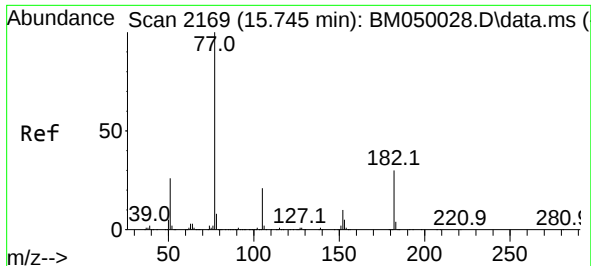
Tgt Ion:204 Resp: 932354
Ion Ratio Lower Upper
204 100
206 35.8 26.3 39.5
141 45.8 34.0 51.0



#62
4-Nitroaniline
Concen: 27.028 ng
RT: 15.480 min Scan# 2124
Delta R.T. -0.012 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:138 Resp: 230529
Ion Ratio Lower Upper
138 100
92 55.2 25.9 65.9
108 77.7 52.4 92.4

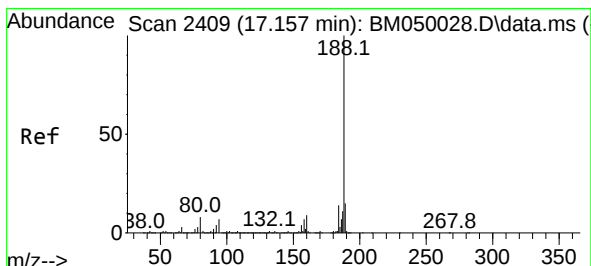
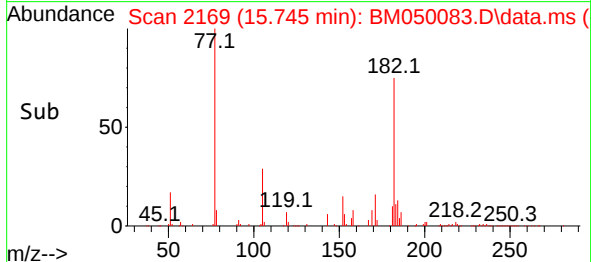
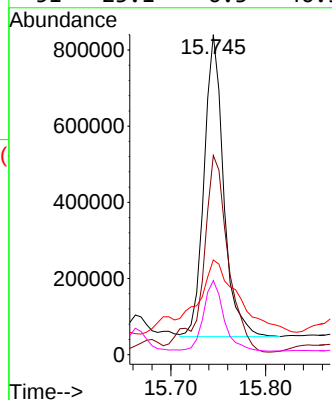
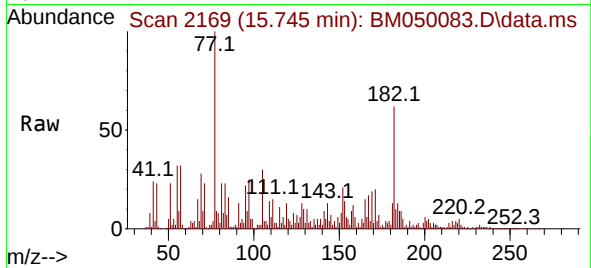




#63
Azobenzene
Concen: 32.157 ng
RT: 15.745 min Scan# 2169
Delta R.T. -0.000 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

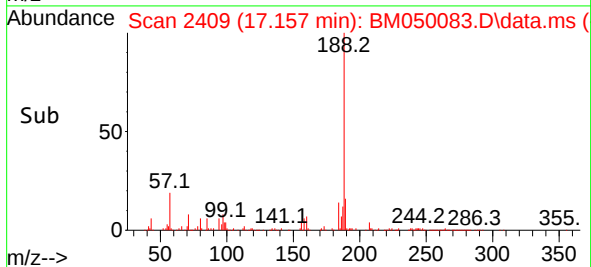
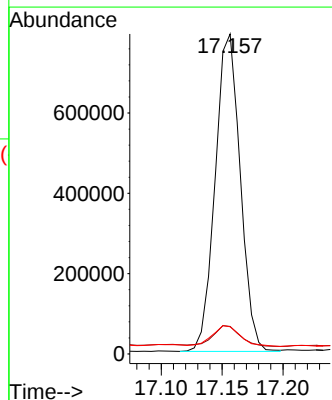
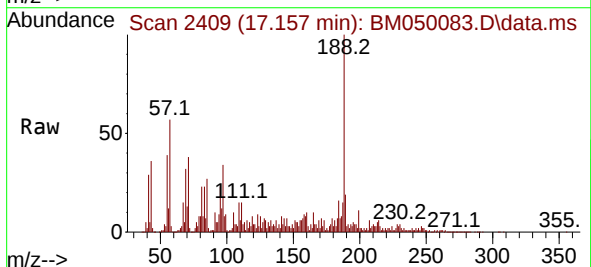
Instrument :
BNA_M
ClientSampleId :
SS-8MS

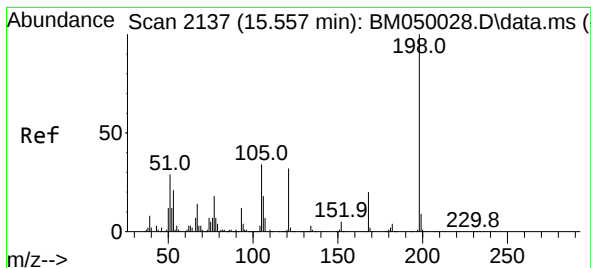
Tgt Ion: 77 Resp: 1135699
Ion Ratio Lower Upper
77 100
182 62.3 10.5 50.5#
105 29.6 1.1 41.1
51 23.1 6.3 46.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:188 Resp: 1130506
Ion Ratio Lower Upper
188 100
94 8.6 5.7 8.5#
80 8.5 6.2 9.4

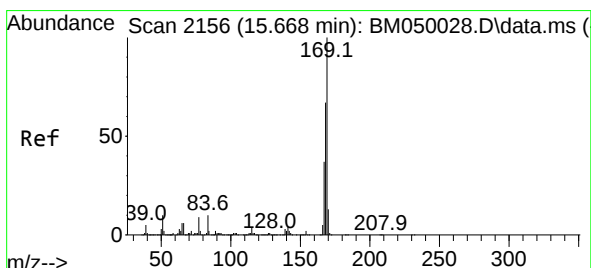
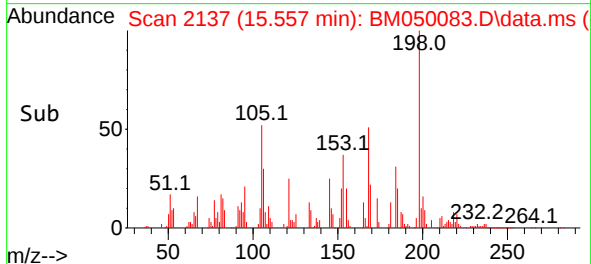
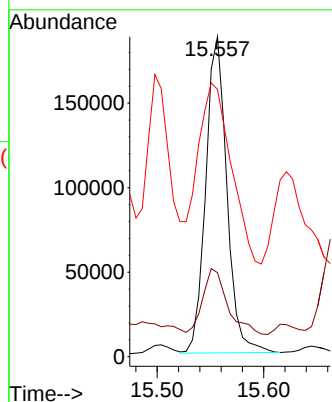
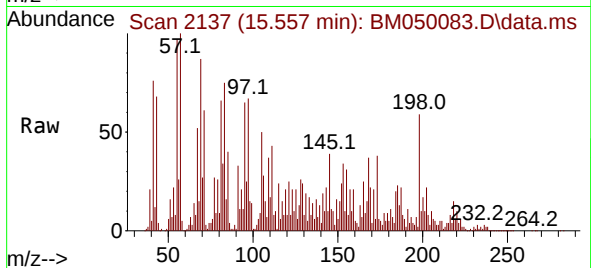




#65
4,6-Dinitro-2-methylphenol
Concen: 36.472 ng
RT: 15.557 min Scan# 2137
Delta R.T. -0.000 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

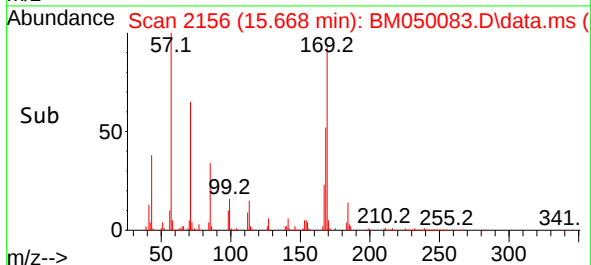
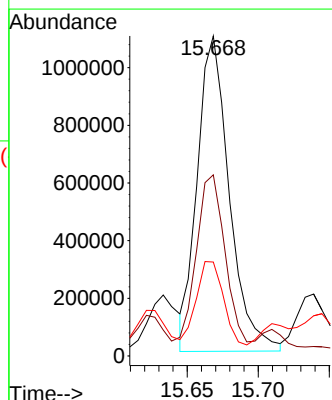
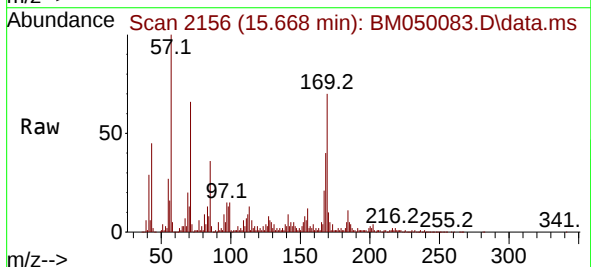
Instrument :
BNA_M
ClientSampleId :
SS-8MS

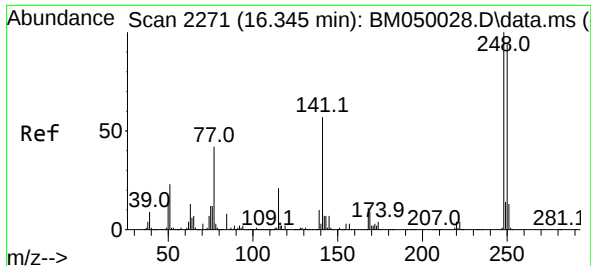
Tgt Ion:198 Resp: 258093
Ion Ratio Lower Upper
198 100
51 26.3 10.4 50.4
105 83.5 14.6 54.6#



#66
n-Nitrosodiphenylamine
Concen: 49.483 ng
RT: 15.668 min Scan# 2156
Delta R.T. -0.000 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:169 Resp: 1717787
Ion Ratio Lower Upper
169 100
168 56.6 53.4 80.2
167 29.4 29.4 44.0

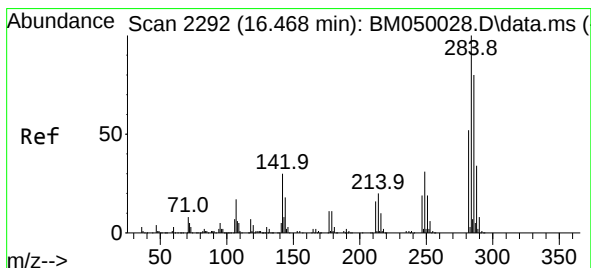
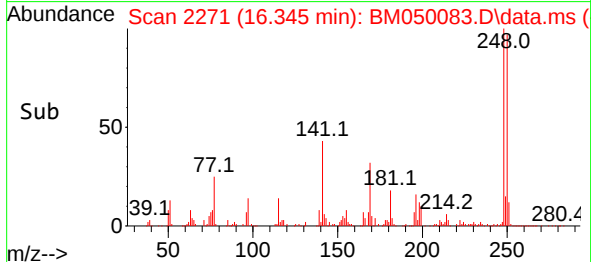
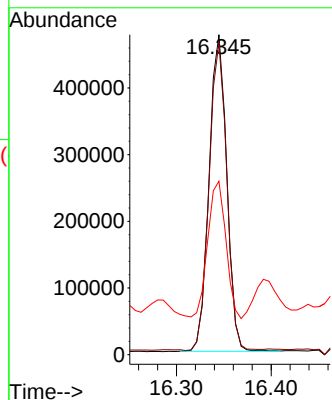
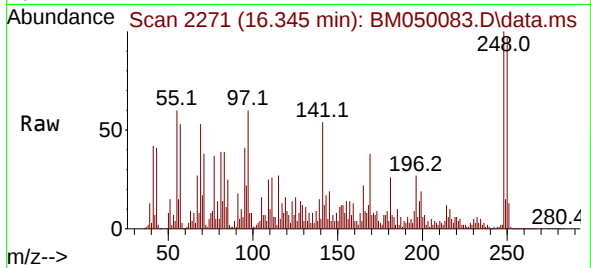




#67
4-Bromophenyl-phenylether
Concen: 45.043 ng
RT: 16.345 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

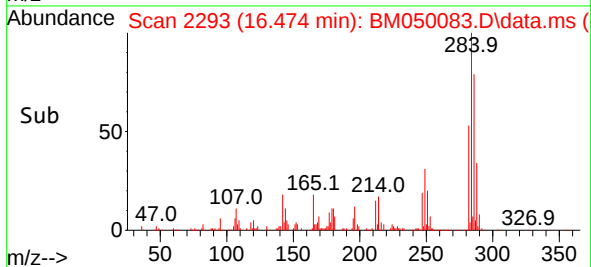
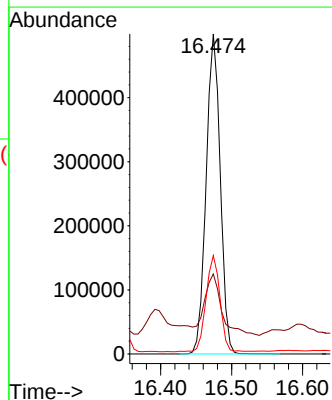
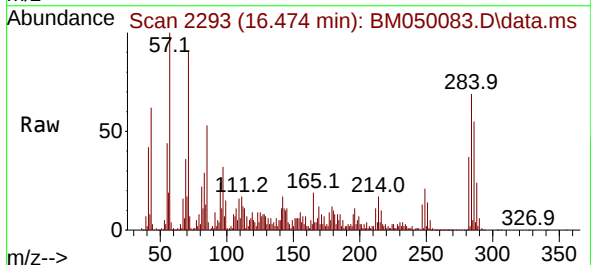
Instrument :
BNA_M
ClientSampleId :
SS-8MS

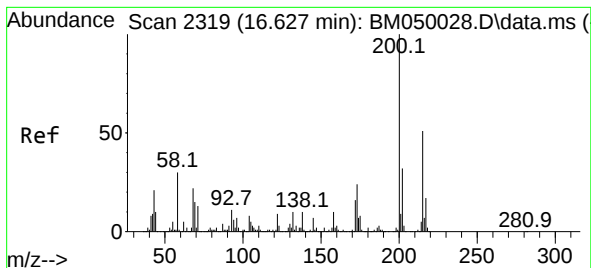
Tgt Ion:248 Resp: 615774
Ion Ratio Lower Upper
248 100
250 97.5 76.2 114.2
141 54.2 45.9 68.9



#68
Hexachlorobenzene
Concen: 43.765 ng
RT: 16.474 min Scan# 2293
Delta R.T. 0.006 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:284 Resp: 689674
Ion Ratio Lower Upper
284 100
142 25.0 23.9 35.9
249 30.8 24.5 36.7





#69

Atrazine

Concen: 55.373 ng

RT: 16.621 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM050083.D

Acq: 02 May 2025 13:20

Instrument :

BNA_M

ClientSampleId :

SS-8MS

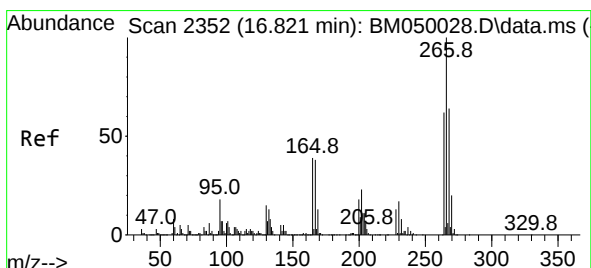
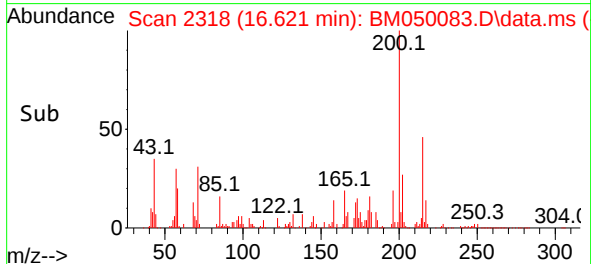
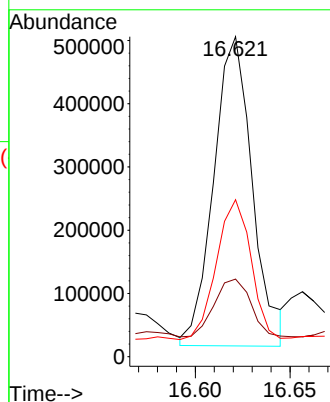
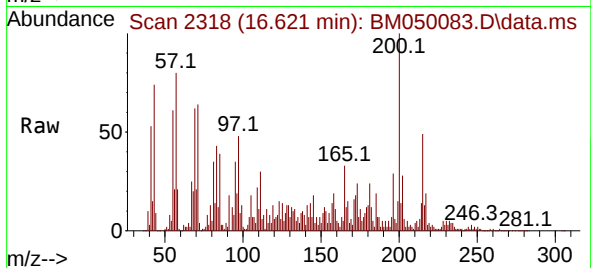
Tgt Ion:200 Resp: 693387

Ion Ratio Lower Upper

200 100

173 24.3 4.3 44.3

215 49.0 30.6 70.6



#70

Pentachlorophenol

Concen: 102.998 ng

RT: 16.815 min Scan# 2351

Delta R.T. -0.006 min

Lab File: BM050083.D

Acq: 02 May 2025 13:20

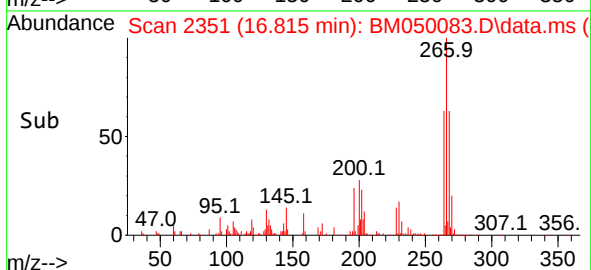
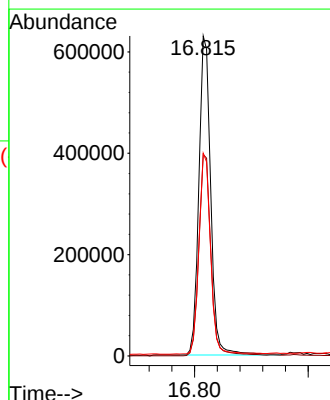
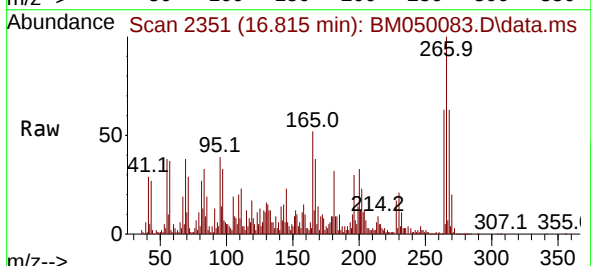
Tgt Ion:266 Resp: 913630

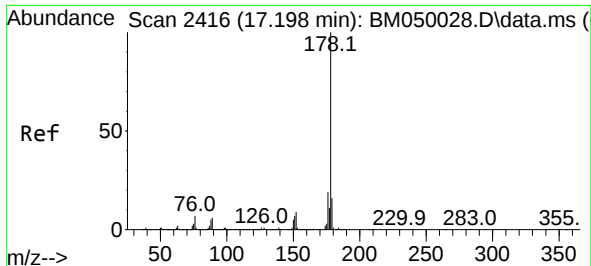
Ion Ratio Lower Upper

266 100

268 63.0 51.2 76.8

264 63.3 49.6 74.4

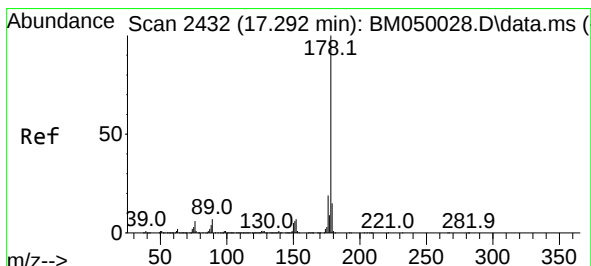
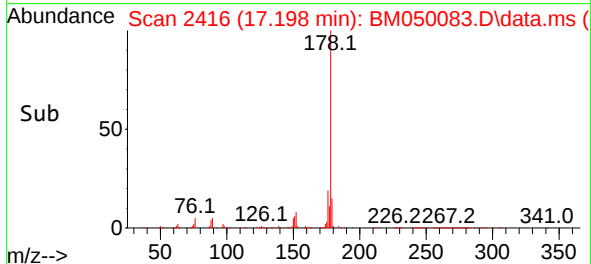
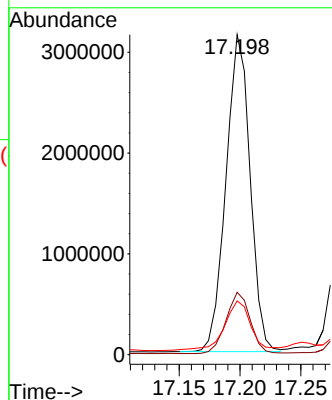
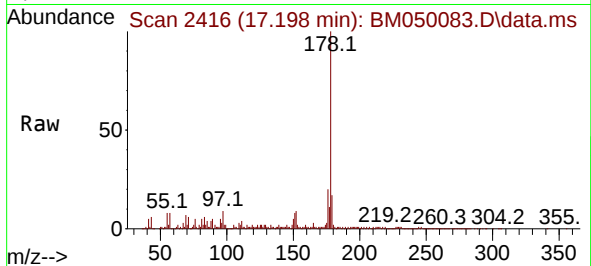




#71
Phenanthrene
Concen: 67.962 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

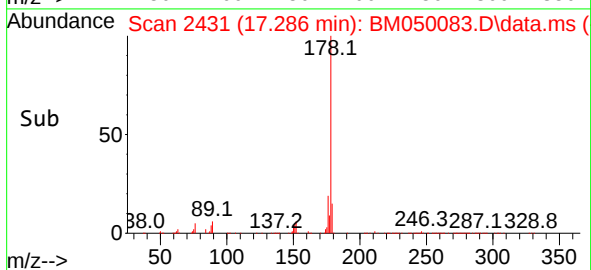
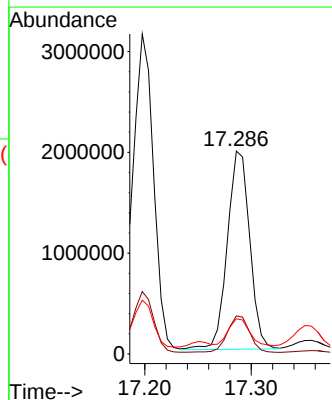
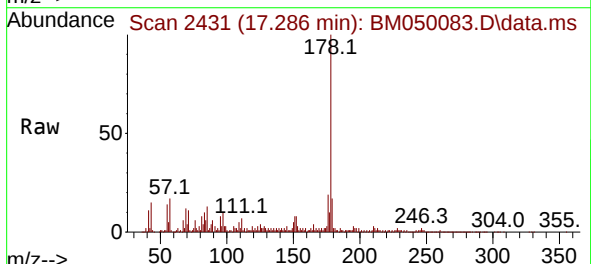
Instrument :
BNA_M
ClientSampleId :
SS-8MS

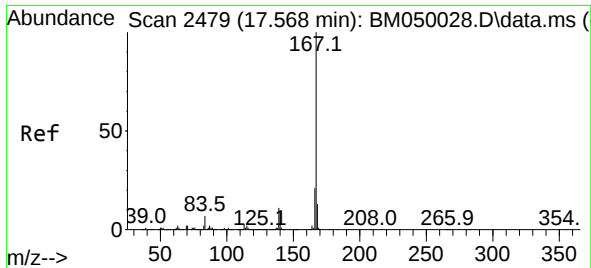
Tgt Ion:178 Resp: 4333407
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 16.8 12.4 18.6



#72
Anthracene
Concen: 44.624 ng
RT: 17.286 min Scan# 2431
Delta R.T. -0.006 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:178 Resp: 2879459
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 17.3 12.2 18.4

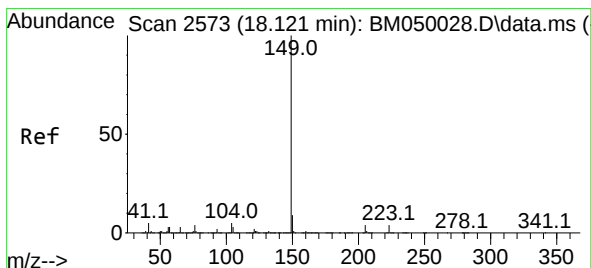
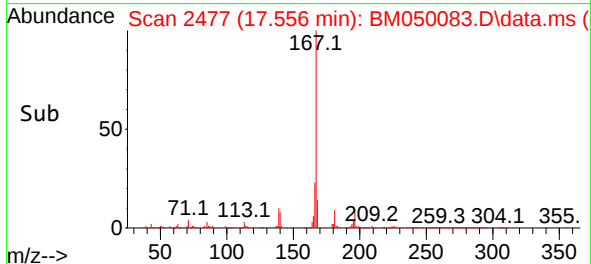
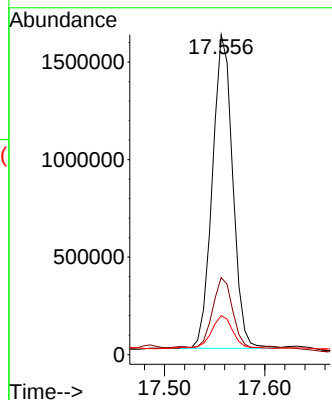
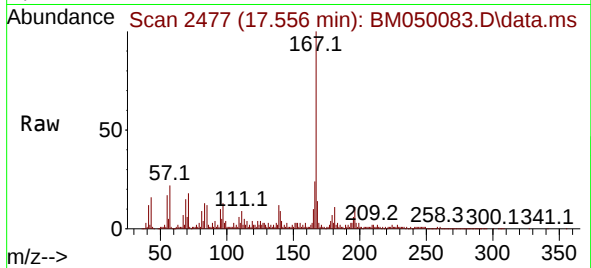




#73
 Carbazole
 Concen: 40.442 ng
 RT: 17.556 min Scan# 24
 Delta R.T. -0.012 min
 Lab File: BM050083.D
 Acq: 02 May 2025 13:20

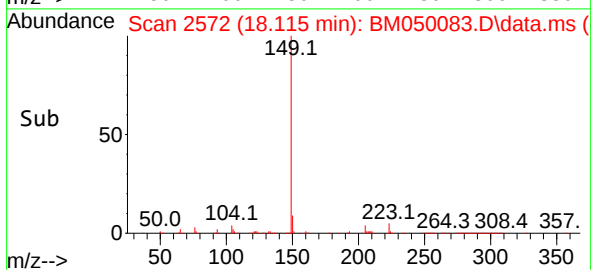
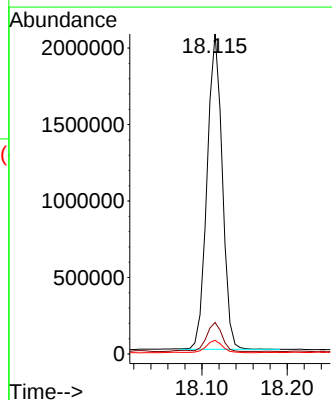
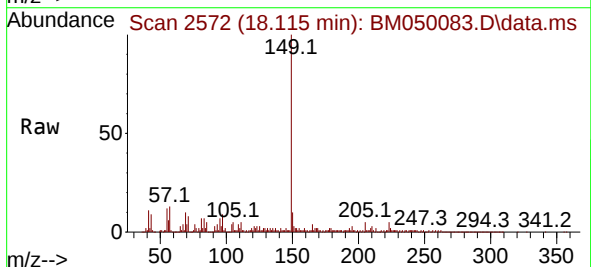
Instrument :
 BNA_M
 ClientSampleId :
 SS-8MS

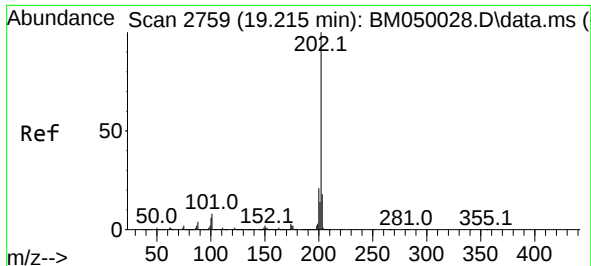
Tgt Ion:167 Resp: 2264448
 Ion Ratio Lower Upper
 167 100
 166 24.1 17.2 25.8
 139 12.2 9.0 13.6



#74
 Di-n-butylphthalate
 Concen: 38.377 ng
 RT: 18.115 min Scan# 2572
 Delta R.T. -0.006 min
 Lab File: BM050083.D
 Acq: 02 May 2025 13:20

Tgt Ion:149 Resp: 2559012
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.3 10.9
 104 4.2 3.8 5.6

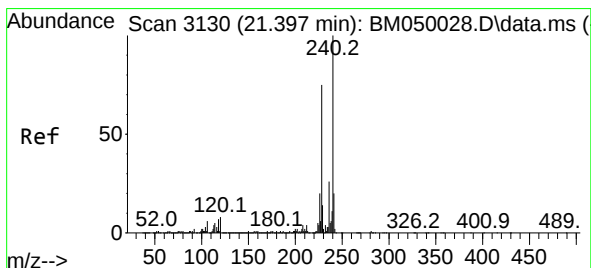
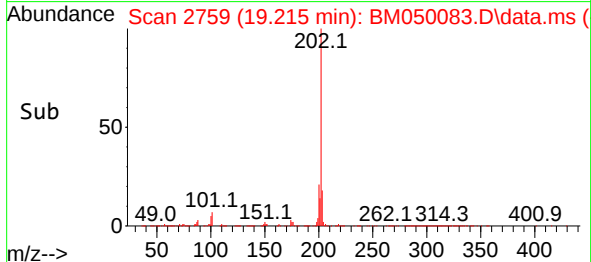
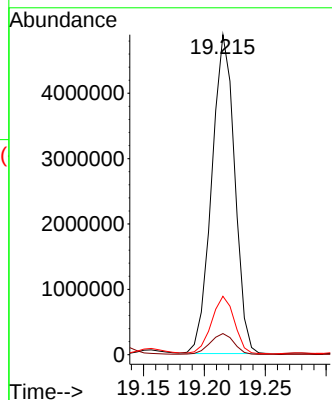
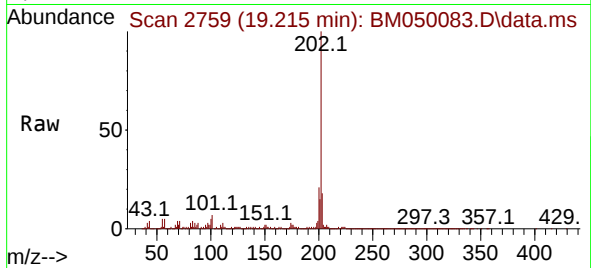




#75
Fluoranthene
Concen: 85.603 ng
RT: 19.215 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

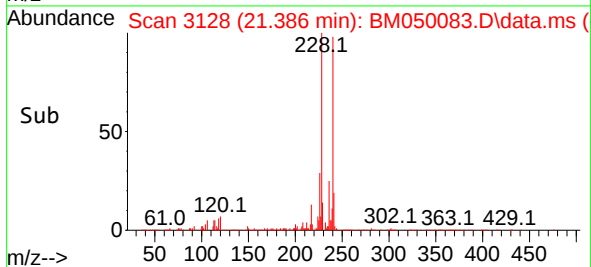
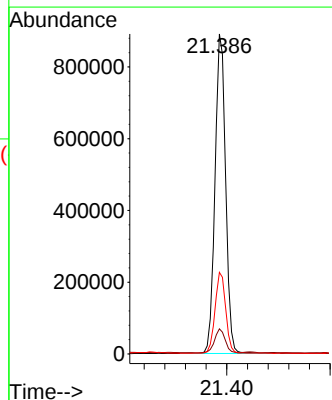
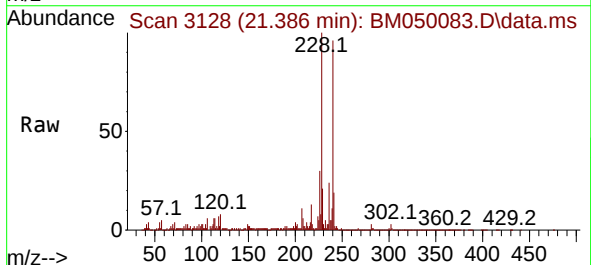
Instrument :
BNA_M
ClientSampleId :
SS-8MS

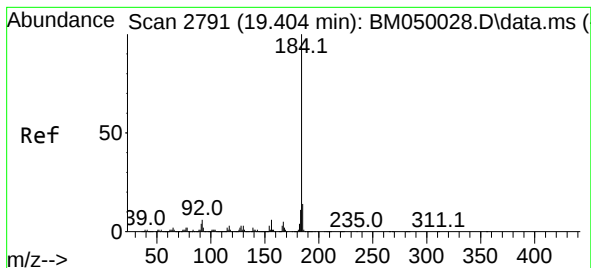
Tgt Ion:202 Resp: 6408265
Ion Ratio Lower Upper
202 100
101 6.6 0.0 28.0
203 18.3 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. -0.011 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:240 Resp: 1268702
Ion Ratio Lower Upper
240 100
120 7.9 6.5 9.7
236 25.5 20.9 31.3





#77

Benzidine

Concen: 25.214 ng

RT: 19.409 min Scan# 21

Delta R.T. 0.005 min

Lab File: BM050083.D

Acq: 02 May 2025 13:20

Instrument :

BNA_M

ClientSampleId :

SS-8MS

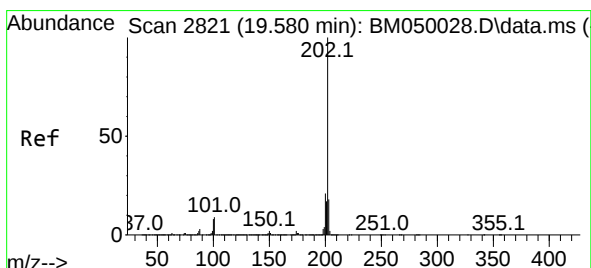
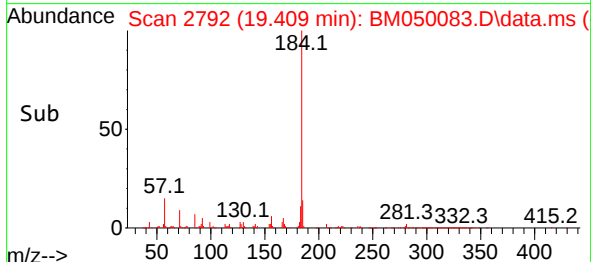
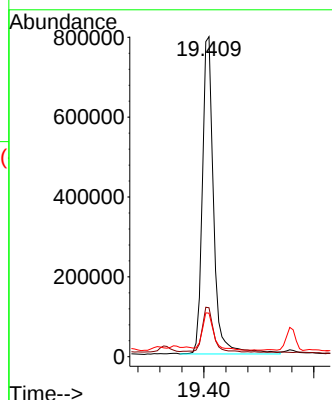
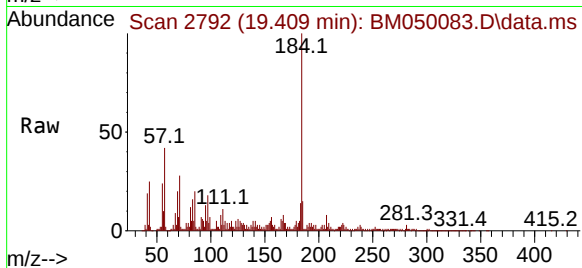
Tgt Ion:184 Resp: 1136264

Ion Ratio Lower Upper

184 100

185 15.3 11.5 17.3

183 13.6 8.9 13.3#



#78

Pyrene

Concen: 73.437 ng

RT: 19.580 min Scan# 2821

Delta R.T. -0.000 min

Lab File: BM050083.D

Acq: 02 May 2025 13:20

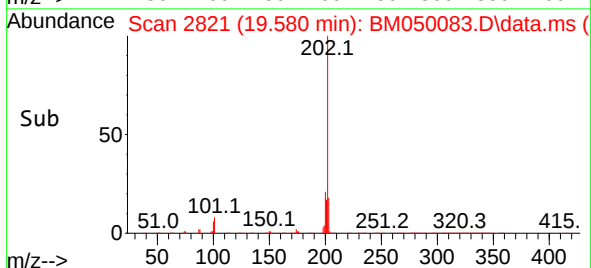
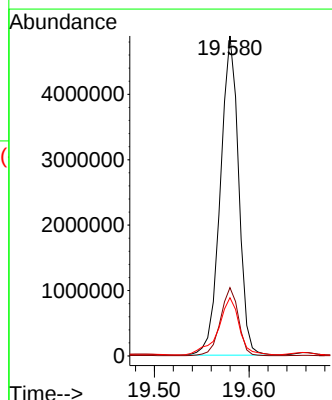
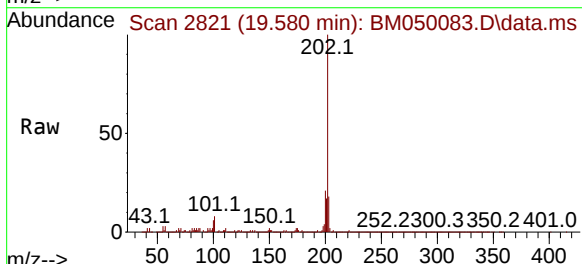
Tgt Ion:202 Resp: 6542677

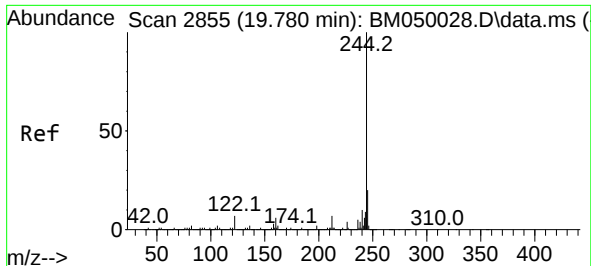
Ion Ratio Lower Upper

202 100

200 21.3 16.7 25.1

203 18.2 14.1 21.1

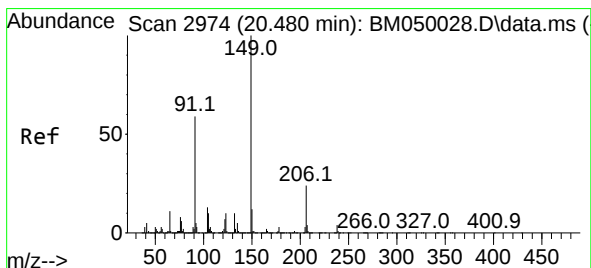
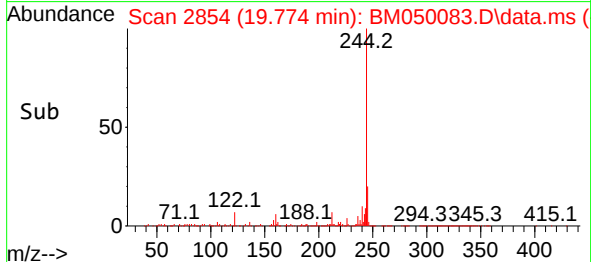
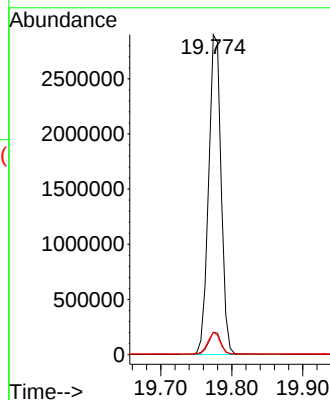
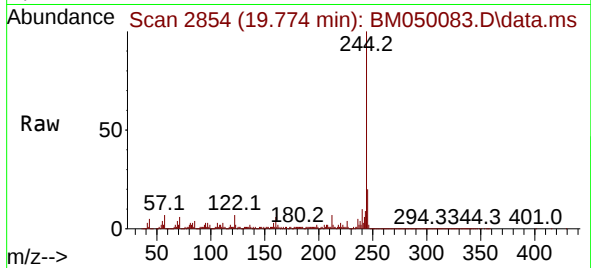




#79
 Terphenyl-d14
 Concen: 41.406 ng
 RT: 19.774 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM050083.D
 Acq: 02 May 2025 13:20

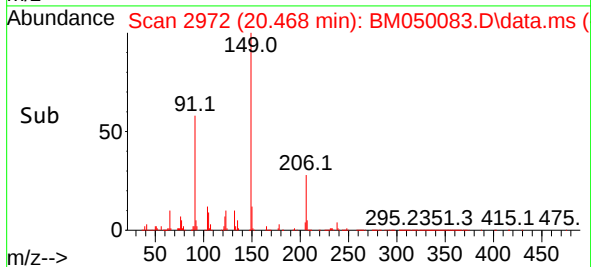
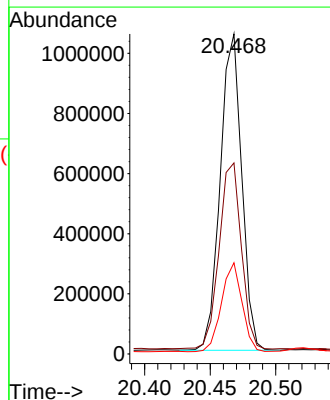
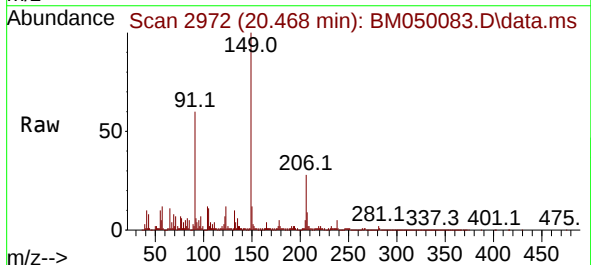
Instrument :
 BNA_M
 ClientSampleId :
 SS-8MS

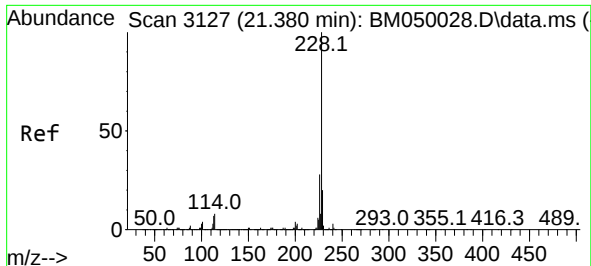
Tgt Ion:244 Resp: 3550084
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 7.0 5.6 8.4



#80
 Butylbenzylphthalate
 Concen: 35.869 ng
 RT: 20.468 min Scan# 2972
 Delta R.T. -0.012 min
 Lab File: BM050083.D
 Acq: 02 May 2025 13:20

Tgt Ion:149 Resp: 1196892
 Ion Ratio Lower Upper
 149 100
 91 59.7 47.4 71.2
 206 28.5 19.4 29.0

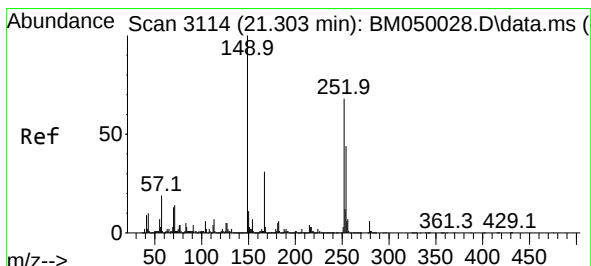
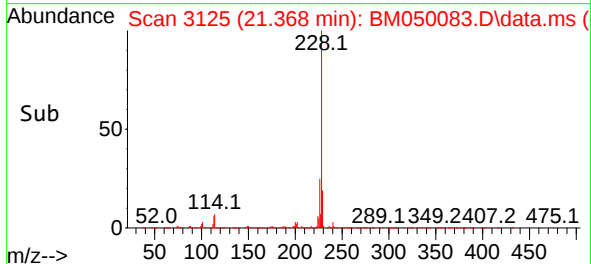
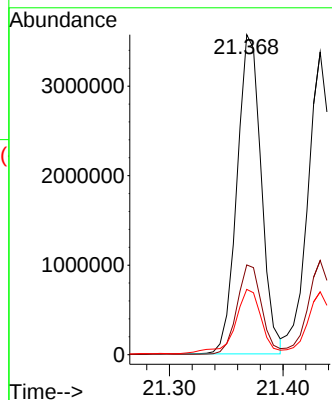
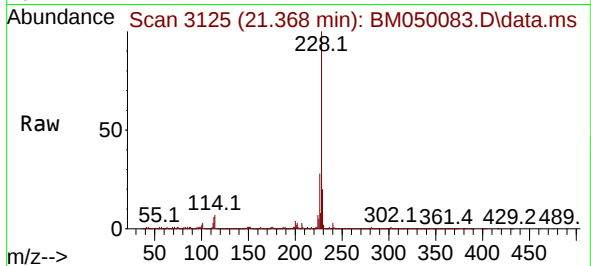




#81
Benzo(a)anthracene
Concen: 60.444 ng
RT: 21.368 min Scan# 3125
Delta R.T. -0.012 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

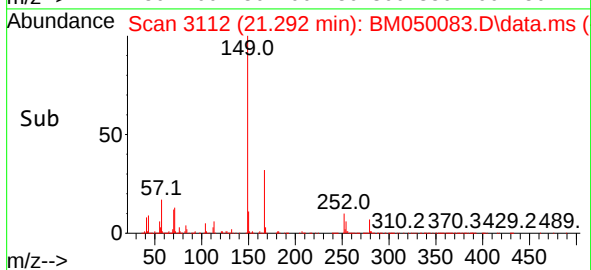
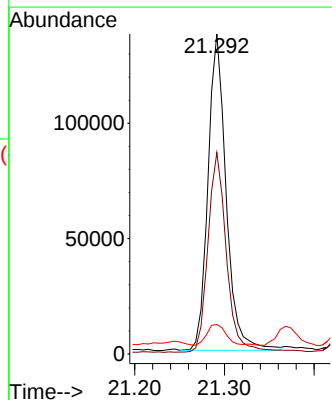
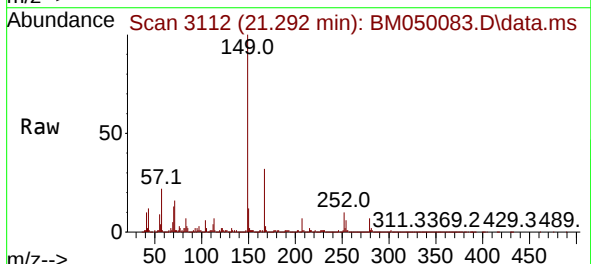
Instrument :
BNA_M
ClientSampleId :
SS-8MS

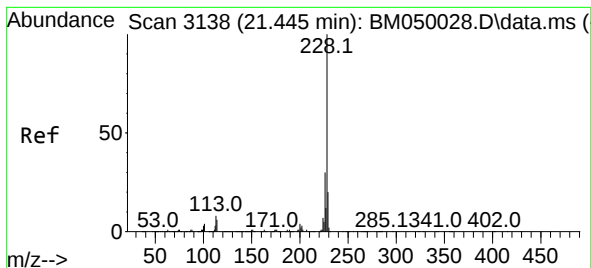
Tgt Ion:228 Resp: 5280774
Ion Ratio Lower Upper
228 100
226 28.1 22.1 33.1
229 20.4 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 5.763 ng
RT: 21.292 min Scan# 3112
Delta R.T. -0.012 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:252 Resp: 192725
Ion Ratio Lower Upper
252 100
254 62.9 51.8 77.6
126 9.2 6.0 9.0#





#83

Chrysene

Concen: 58.535 ng

RT: 21.433 min Scan# 3138

Delta R.T. -0.012 min

Lab File: BM050083.D

Acq: 02 May 2025 13:20

Instrument :

BNA_M

ClientSampleId :

SS-8MS

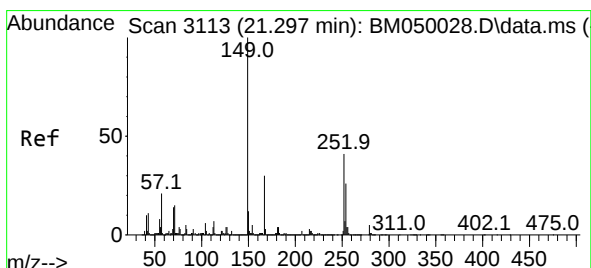
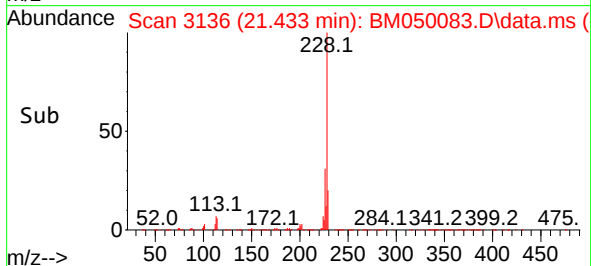
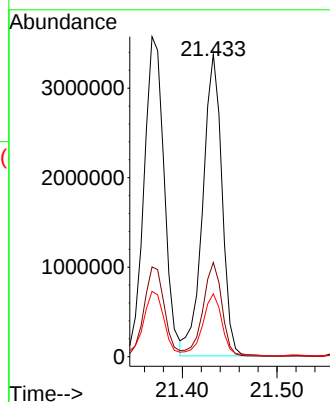
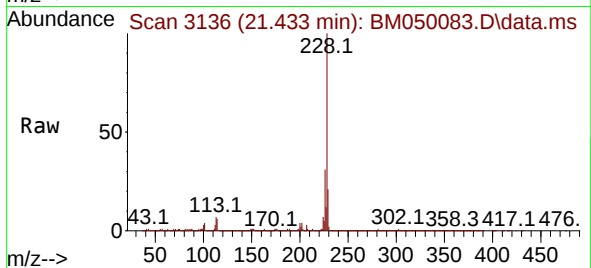
Tgt Ion:228 Resp: 4733136

Ion Ratio Lower Upper

228 100

226 31.2 24.2 36.2

229 20.8 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.622 ng

RT: 21.286 min Scan# 3111

Delta R.T. -0.012 min

Lab File: BM050083.D

Acq: 02 May 2025 13:20

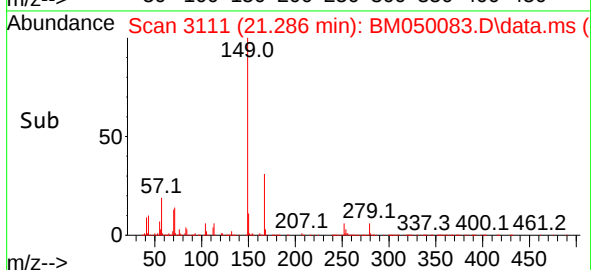
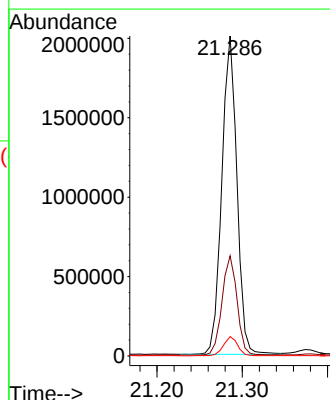
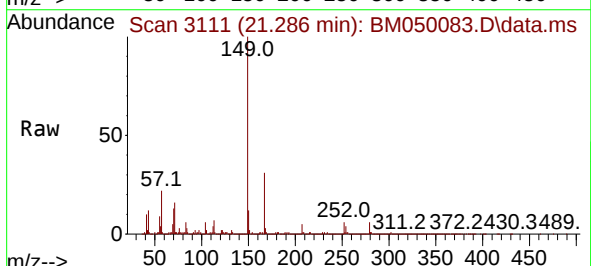
Tgt Ion:149 Resp: 2473210

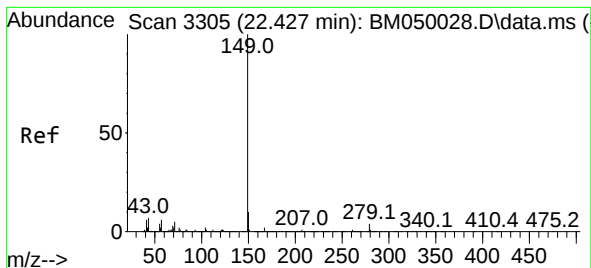
Ion Ratio Lower Upper

149 100

167 31.3 24.1 36.1

279 6.0 3.9 5.9#





#85

Di-n-octyl phthalate

Concen: 39.567 ng

RT: 22.409 min Scan# 31

Delta R.T. -0.018 min

Lab File: BM050083.D

Acq: 02 May 2025 13:20

Instrument :

BNA_M

ClientSampleId :

SS-8MS

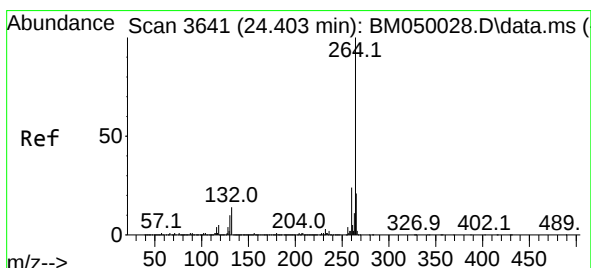
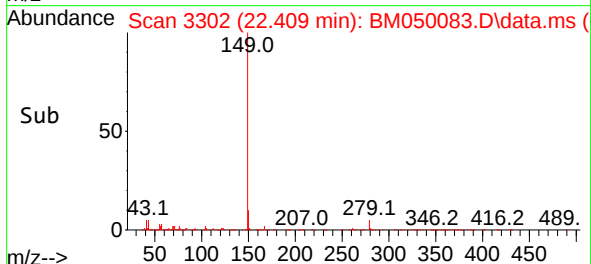
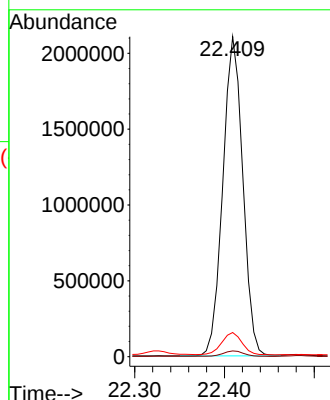
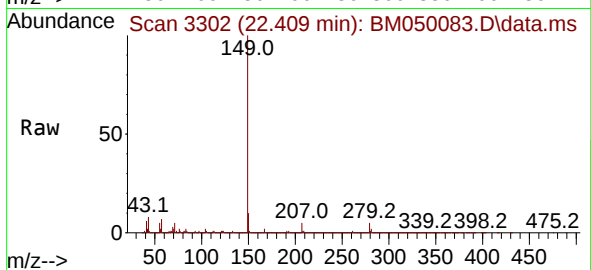
Tgt Ion:149 Resp: 3252195

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 7.1 5.8 8.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.374 min Scan# 3636

Delta R.T. -0.029 min

Lab File: BM050083.D

Acq: 02 May 2025 13:20

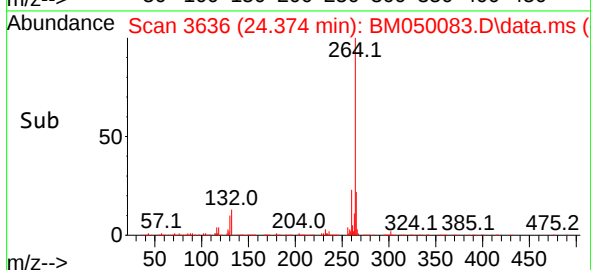
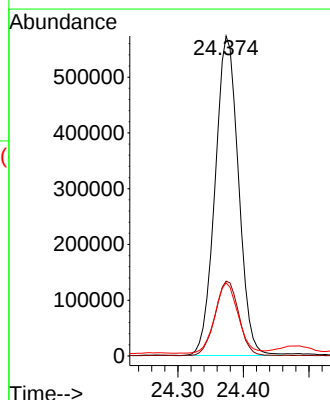
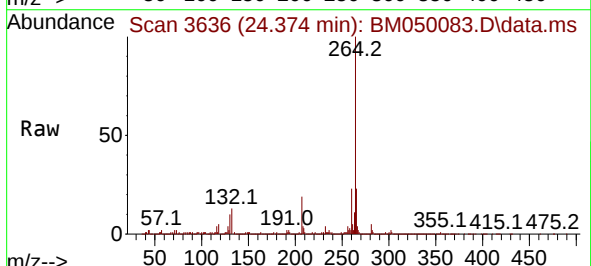
Tgt Ion:264 Resp: 1417444

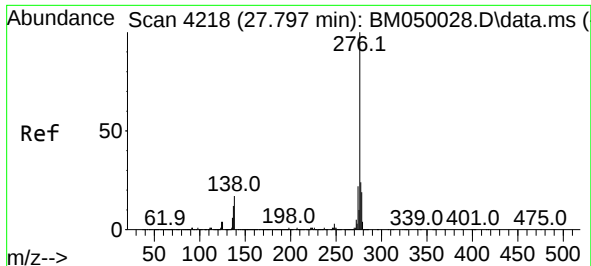
Ion Ratio Lower Upper

264 100

260 23.4 18.8 28.2

265 22.9 17.0 25.4

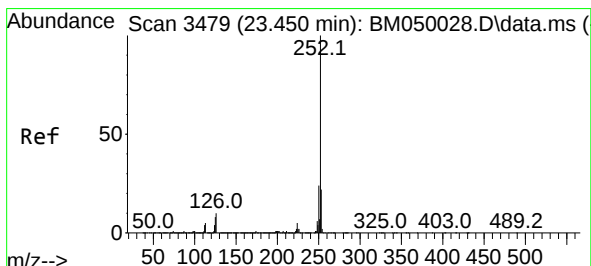
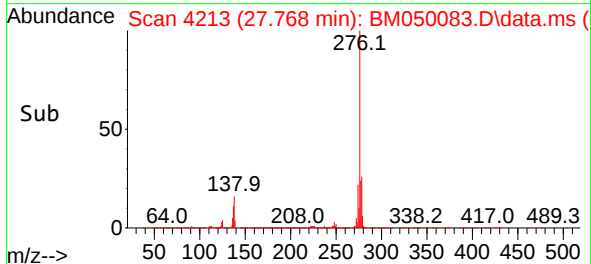
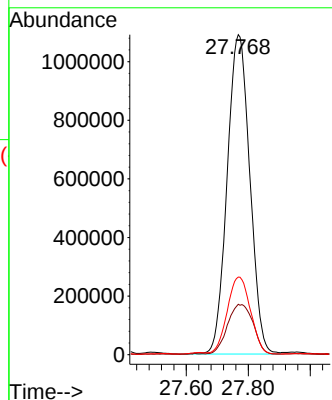
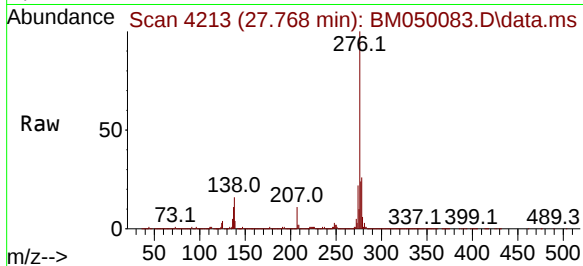




#87
Indeno(1,2,3-cd)pyrene
Concen: 52.347 ng
RT: 27.768 min Scan# 41
Delta R.T. -0.029 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

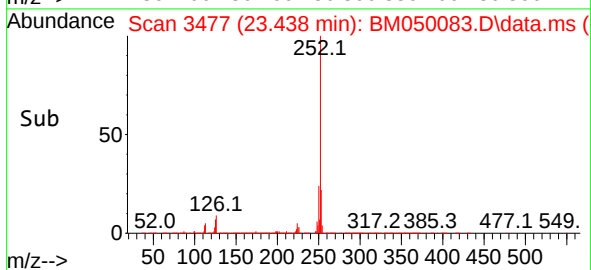
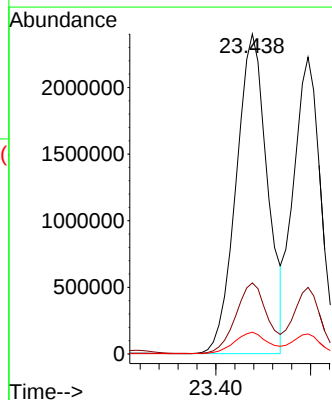
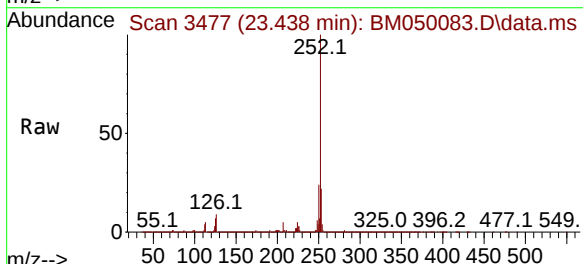
Instrument :
BNA_M
ClientSampleId :
SS-8MS

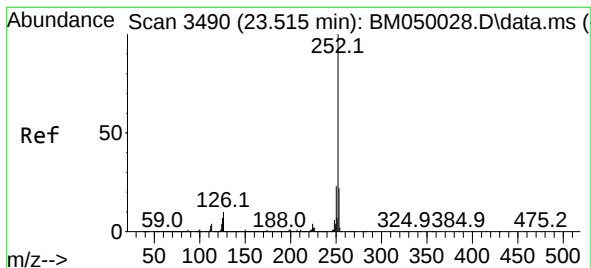
Tgt Ion:276 Resp: 5528767
Ion Ratio Lower Upper
276 100
138 17.6 16.4 24.6
277 24.7 19.8 29.8



#88
Benzo(b)fluoranthene
Concen: 59.847 ng
RT: 23.438 min Scan# 3477
Delta R.T. -0.012 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:252 Resp: 5516734
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 6.8 6.1 9.1





#89

Benzo(k)fluoranthene

Concen: 47.305 ng

RT: 23.497 min Scan# 34

Delta R.T. -0.018 min

Lab File: BM050083.D

Acq: 02 May 2025 13:20

Instrument :

BNA_M

ClientSampleId :

SS-8MS

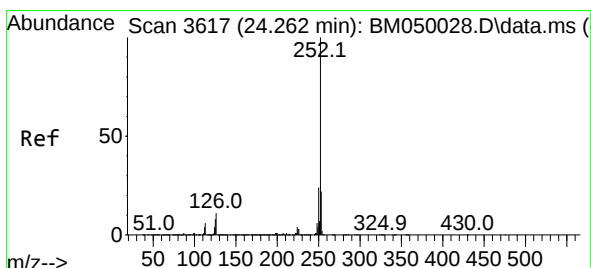
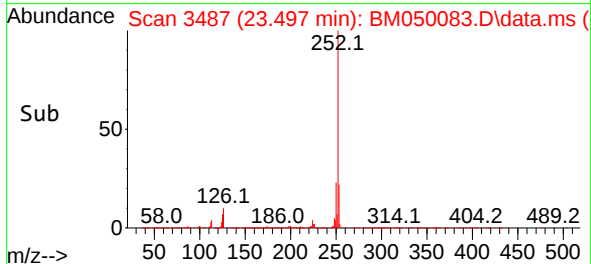
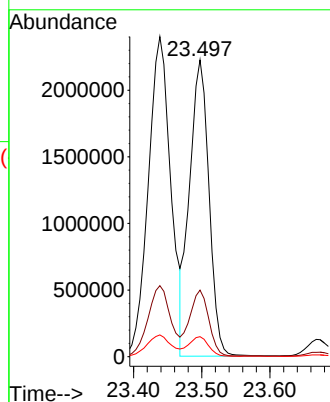
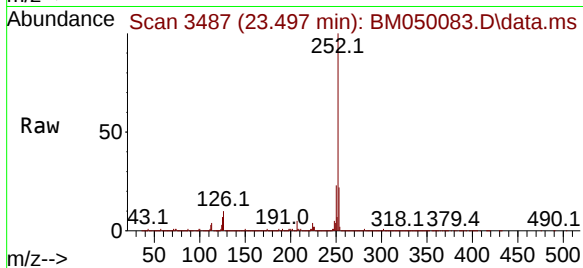
Tgt Ion:252 Resp: 4410842

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

125 6.7 5.8 8.8



#90

Benzo(a)pyrene

Concen: 58.076 ng

RT: 24.238 min Scan# 3613

Delta R.T. -0.024 min

Lab File: BM050083.D

Acq: 02 May 2025 13:20

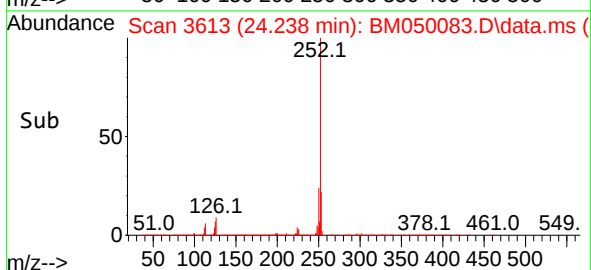
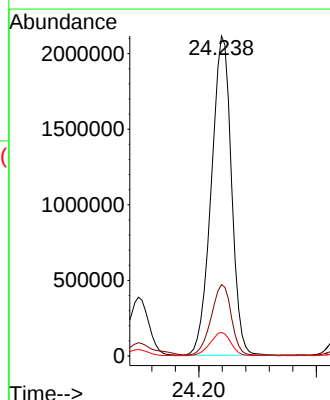
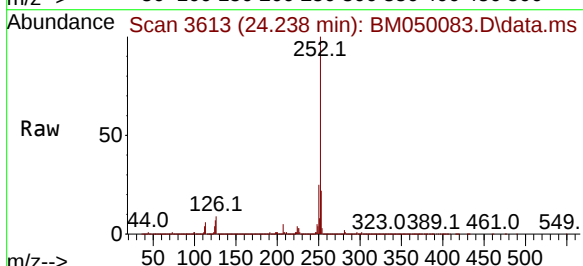
Tgt Ion:252 Resp: 5014125

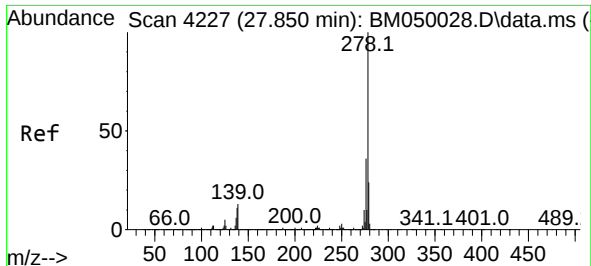
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 7.3 6.6 9.8

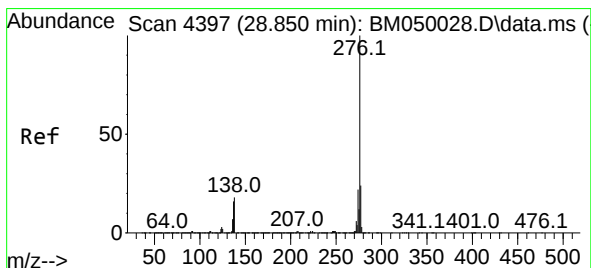
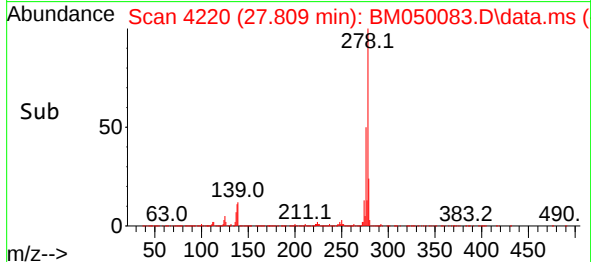
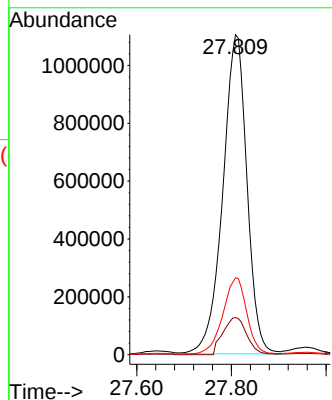
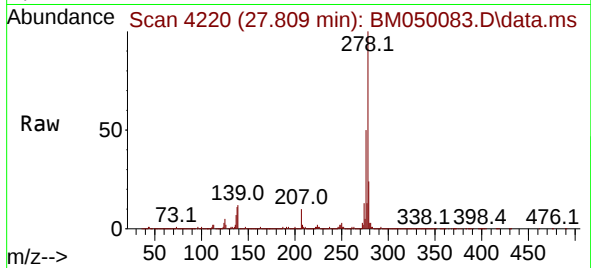




#91
Dibenzo(a,h)anthracene
Concen: 45.335 ng
RT: 27.809 min Scan# 41
Delta R.T. -0.041 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Instrument :
BNA_M
ClientSampleId :
SS-8MS

Tgt Ion:278 Resp: 3903128
Ion Ratio Lower Upper
278 100
139 11.6 10.5 15.7
279 24.0 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 54.211 ng
RT: 28.815 min Scan# 4391
Delta R.T. -0.035 min
Lab File: BM050083.D
Acq: 02 May 2025 13:20

Tgt Ion:276 Resp: 4468322
Ion Ratio Lower Upper
276 100
277 23.8 19.1 28.7
138 16.0 14.3 21.5

