

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
 Data File : BM050429.D
 Acq On : 14 Jul 2025 16:53
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 14 17:29:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 18:32:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	427187	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	1630124	20.000	ng	0.00
39) Acenaphthene-d10	14.486	164	1036891	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	1998802	20.000	ng	0.00
76) Chrysene-d12	21.445	240	2212244	20.000	ng	-0.01
86) Perylene-d12	24.474	264	2243965	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1995139	80.393	ng	0.00
7) Phenol-d6	7.022	99	2577722	82.395	ng	0.00
23) Nitrobenzene-d5	9.016	82	2601285	81.413	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	1057523	83.942	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	6545863	77.961	ng	0.00
79) Terphenyl-d14	19.833	244	10463512	83.219	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.340	88	394686	38.676	ng	98
3) Pyridine	3.740	79	1069904	39.934	ng	100
4) n-Nitrosodimethylamine	3.640	42	508628	40.722	ng	98
6) Aniline	7.187	93	1615491	40.237	ng	99
8) 2-Chlorophenol	7.428	128	1048575	40.070	ng	98
9) Benzaldehyde	6.998	77	835180	44.877	ng	99
10) Phenol	7.051	94	1324515	40.591	ng	99
11) bis(2-Chloroethyl)ether	7.281	93	1025844	39.256	ng	98
12) 1,3-Dichlorobenzene	7.757	146	1243648	39.084	ng	97
13) 1,4-Dichlorobenzene	7.898	146	1267305	39.004	ng	100
14) 1,2-Dichlorobenzene	8.216	146	1216761	39.116	ng	100
15) Benzyl Alcohol	8.098	79	885308	40.162	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.393	45	1502122	39.024	ng	99
17) 2-Methylphenol	8.298	107	851638	40.241	ng	98
18) Hexachloroethane	8.951	117	450718	39.443	ng	99
19) n-Nitroso-di-n-propyla...	8.669	70	786604	41.504	ng	98
20) 3+4-Methylphenols	8.628	107	1131842	39.839	ng	99
22) Acetophenone	8.681	105	1622764	39.815	ng	# 99
24) Nitrobenzene	9.057	77	1144240	40.131	ng	100
25) Isophorone	9.587	82	2059150	39.716	ng	99
26) 2-Nitrophenol	9.769	139	496689	42.742	ng	98
27) 2,4-Dimethylphenol	9.828	122	976301	39.483	ng	100
28) bis(2-Chloroethoxy)met...	10.069	93	1337922	38.943	ng	99
29) 2,4-Dichlorophenol	10.304	162	1021142	40.196	ng	98
30) 1,2,4-Trichlorobenzene	10.522	180	1165230	38.342	ng	99
31) Naphthalene	10.710	128	3211004	38.781	ng	100
32) Benzoic acid	9.945	122	586168	39.787	ng	98
33) 4-Chloroaniline	10.810	127	1405215	40.145	ng	100
34) Hexachlorobutadiene	11.004	225	697048	37.580	ng	99
35) Caprolactam	11.586	113	280390	40.432	ng	98
36) 4-Chloro-3-methylphenol	11.928	107	967256	40.774	ng	98
37) 2-Methylnaphthalene	12.316	142	2060342	39.410	ng	99
38) 1-Methylnaphthalene	12.533	142	2180920	39.418	ng	99
40) 1,2,4,5-Tetrachloroben...	12.686	216	1263676	38.323	ng	100
41) Hexachlorocyclopentadiene	12.669	237	806112	38.245	ng	98
43) 2,4,6-Trichlorophenol	12.922	196	819880	40.394	ng	98

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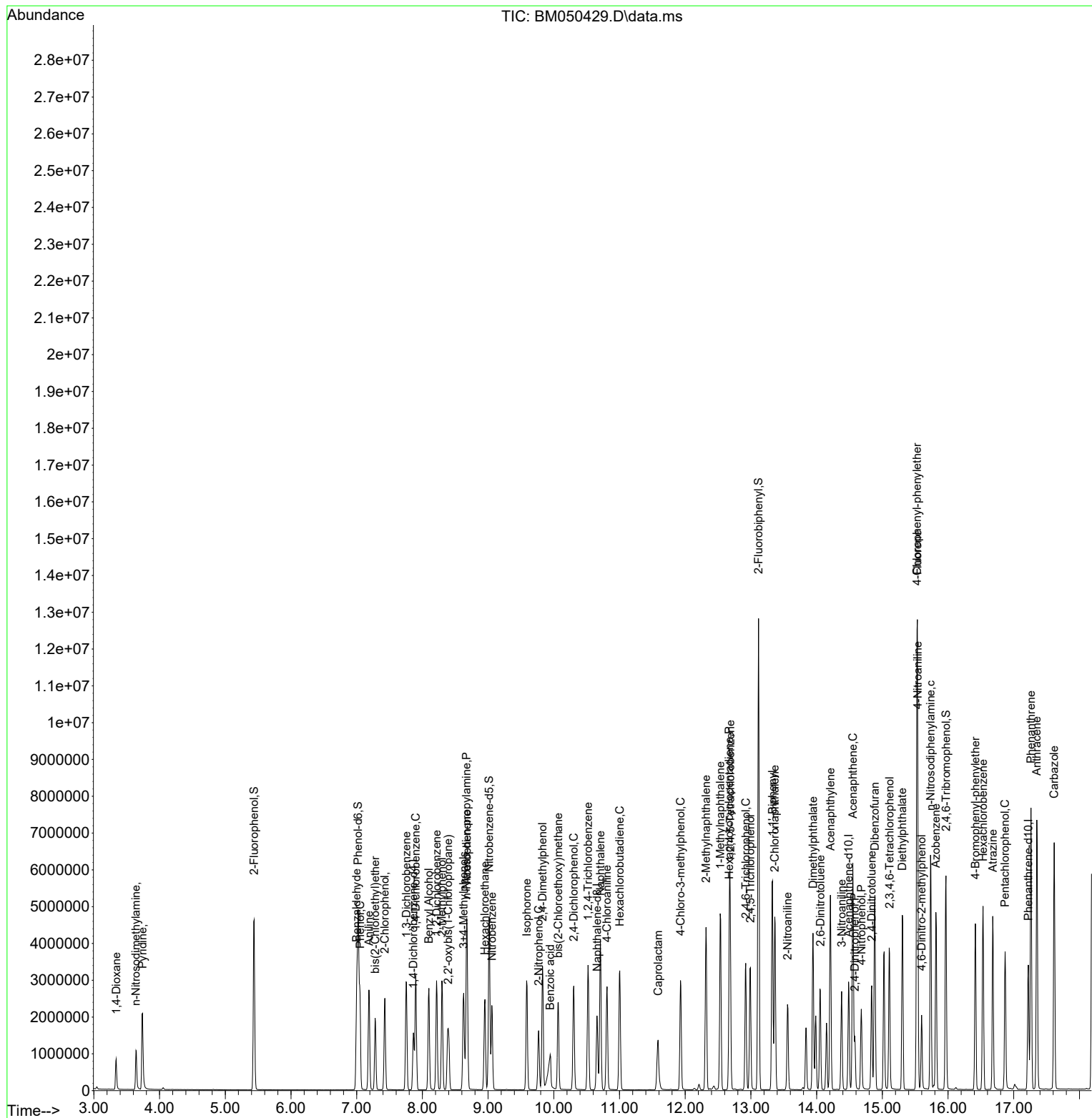
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.992	196	890828	40.188	ng	99
46) 1,1'-Biphenyl	13.327	154	3007012	39.087	ng	100
47) 2-Chloronaphthalene	13.363	162	2415494	39.380	ng	100
48) 2-Nitroaniline	13.557	65	589561	43.062	ng	100
49) Acenaphthylene	14.210	152	3721946	40.151	ng	99
50) Dimethylphthalate	13.945	163	2802244	39.254	ng	100
51) 2,6-Dinitrotoluene	14.057	165	579111	42.250	ng	99
52) Acenaphthene	14.551	154	2344038	39.774	ng	99
53) 3-Nitroaniline	14.380	138	624821	42.864	ng	99
54) 2,4-Dinitrophenol	14.580	184	267609	38.955	ng	97
55) Dibenzofuran	14.886	168	3551782	39.114	ng	99
56) 4-Nitrophenol	14.680	139	522847	41.709	ng	98
57) 2,4-Dinitrotoluene	14.839	165	792992	39.178	ng	99
58) Fluorene	15.533	166	2977081	39.804	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.110	232	761198	40.793	ng	98
60) Diethylphthalate	15.304	149	2712046	39.771	ng	99
61) 4-Chlorophenyl-phenyle...	15.527	204	1532279	39.180	ng	99
62) 4-Nitroaniline	15.539	138	667412	40.267	ng	95
63) Azobenzene	15.816	77	2546901	40.674	ng	97
65) 4,6-Dinitro-2-methylph...	15.598	198	401999	38.794	ng	98
66) n-Nitrosodiphenylamine	15.733	169	2458928	39.314	ng	98
67) 4-Bromophenyl-phenylether	16.416	248	859585	39.033	ng	98
68) Hexachlorobenzene	16.533	284	1005198	38.647	ng	98
69) Atrazine	16.680	200	840199	40.910	ng	98
70) Pentachlorophenol	16.868	266	658229	40.653	ng	99
71) Phenanthrene	17.263	178	4399238	38.896	ng	99
72) Anthracene	17.351	178	4486017	39.846	ng	99
73) Carbazole	17.615	167	4153041	40.769	ng	99
74) Di-n-butylphthalate	18.186	149	4602132	41.275	ng	99
75) Fluoranthene	19.268	202	5010785	40.753	ng	99
77) Benzidine	19.445	184	1324060	23.465	ng	99
78) Pyrene	19.627	202	5368083	37.888	ng	100
80) Butylbenzylphthalate	20.521	149	2002932	42.873	ng	96
81) Benzo(a)anthracene	21.427	228	5752101	39.905	ng	99
82) 3,3'-Dichlorobenzidine	21.345	252	1883647	38.750	ng	99
83) Chrysene	21.486	228	5368548	39.487	ng	99
84) Bis(2-ethylhexyl)phtha...	21.356	149	3234021	43.607	ng	99
85) Di-n-octyl phthalate	22.503	149	5078142	43.719	ng	100
87) Indeno(1,2,3-cd)pyrene	27.915	276	6529221	40.924	ng	100
88) Benzo(b)fluoranthene	23.515	252	5496193	39.820	ng	100
89) Benzo(k)fluoranthene	23.580	252	5546638	38.728	ng	99
90) Benzo(a)pyrene	24.333	252	5221766	40.414	ng	99
91) Dibenzo(a,h)anthracene	27.968	278	5489209	40.853	ng	99
92) Benzo(g,h,i)perylene	28.979	276	5170029	40.712	ng	99

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

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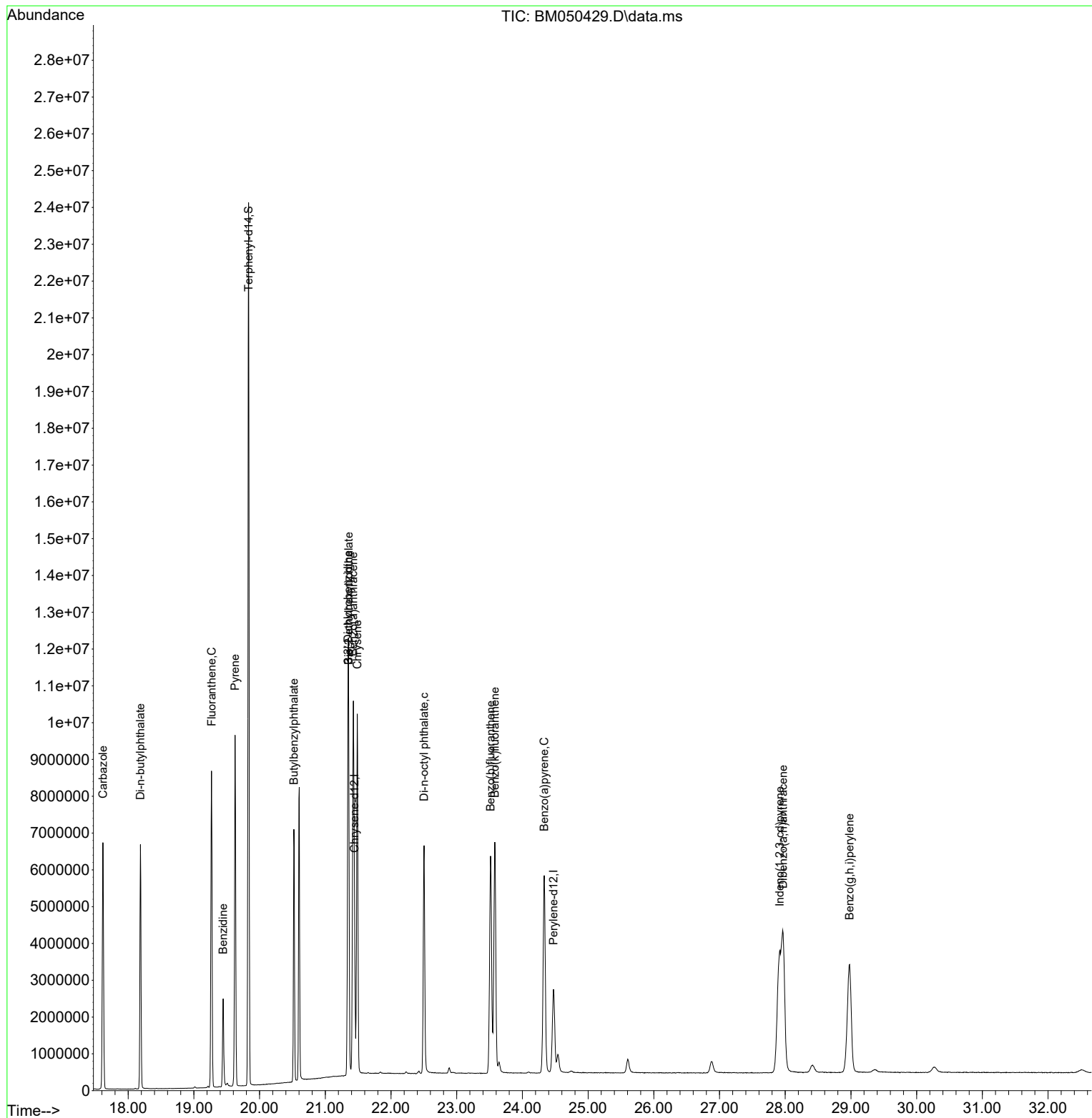
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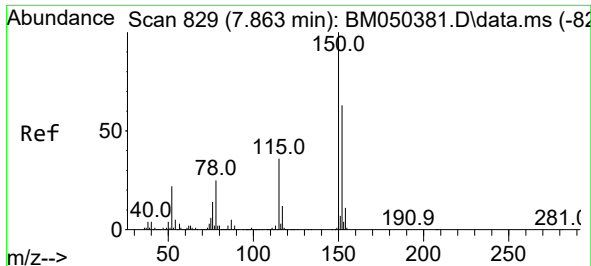


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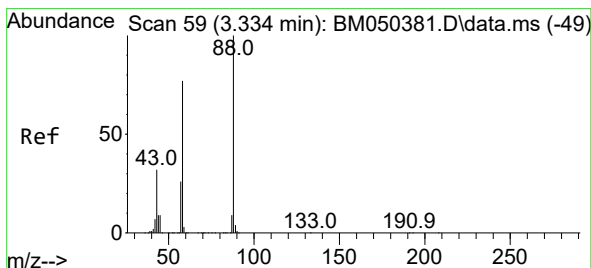
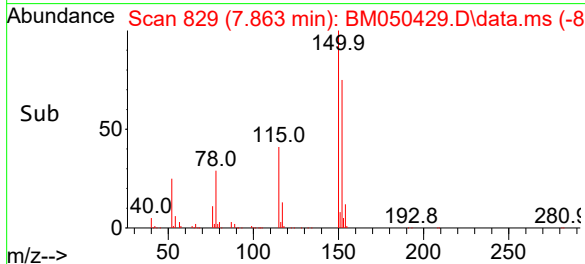
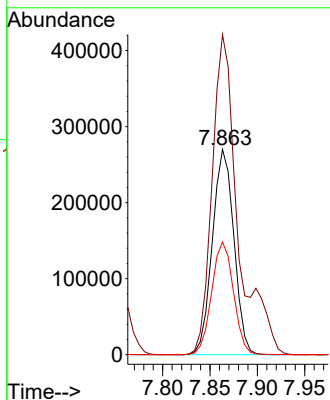
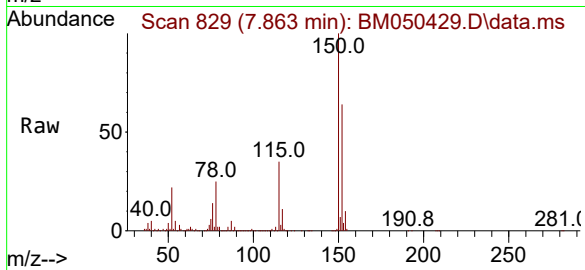




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.863 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BM050429.D
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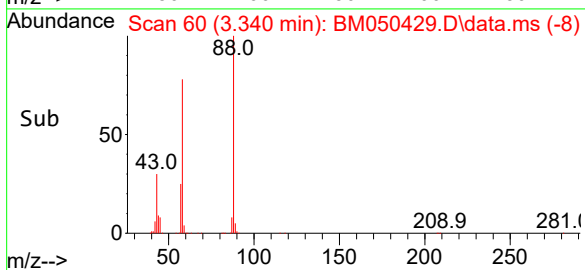
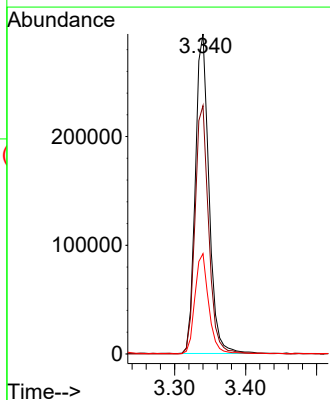
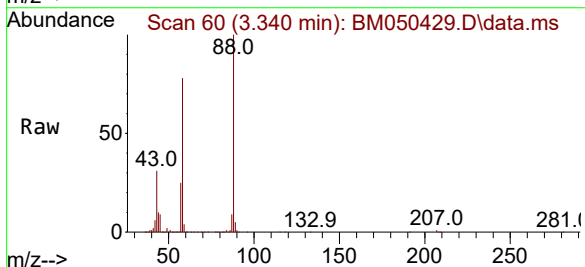
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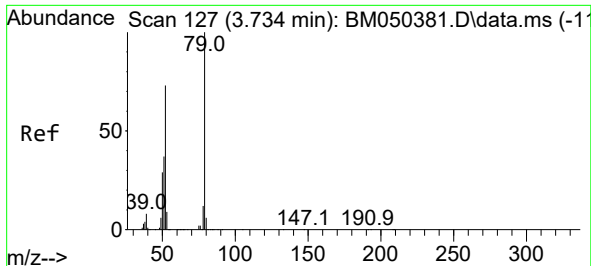
Tgt Ion:152 Resp: 427187
 Ion Ratio Lower Upper
 152 100
 150 155.9 126.2 189.4
 115 54.9 45.8 68.8



#2
 1,4-Dioxane
 Concen: 38.676 ng
 RT: 3.340 min Scan# 60
 Delta R.T. 0.006 min
 Lab File: BM050429.D
 Acq: 14 Jul 2025 16:53

Tgt Ion: 88 Resp: 394686
 Ion Ratio Lower Upper
 88 100
 58 77.9 61.0 91.6
 43 31.3 24.6 37.0

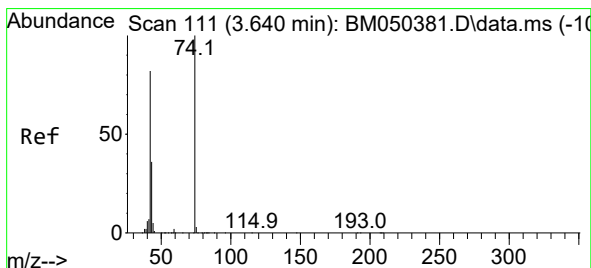
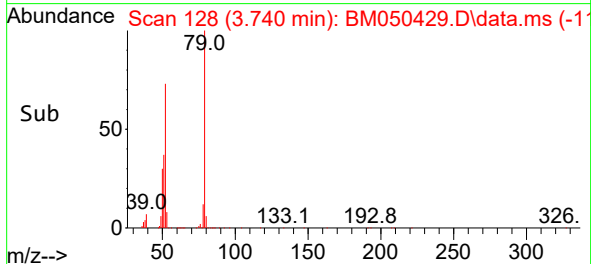
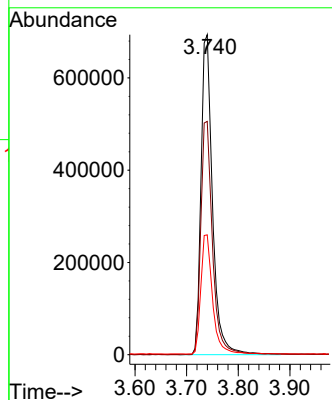
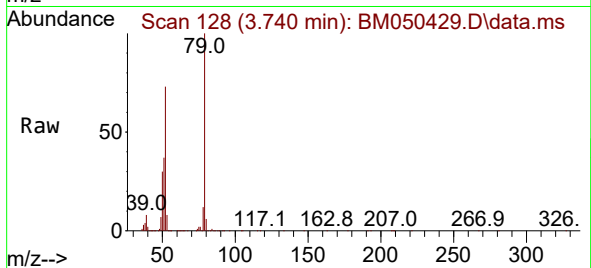




#3
Pyridine
Concen: 39.934 ng
RT: 3.740 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

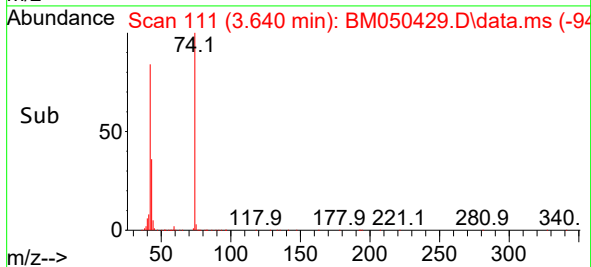
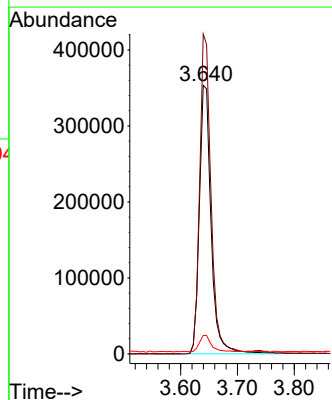
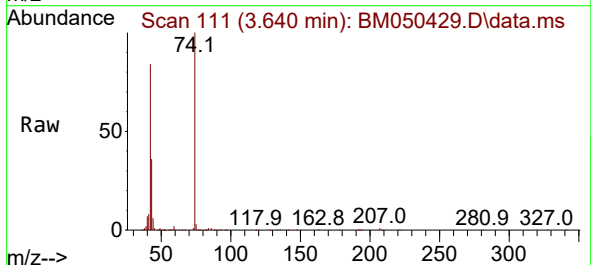
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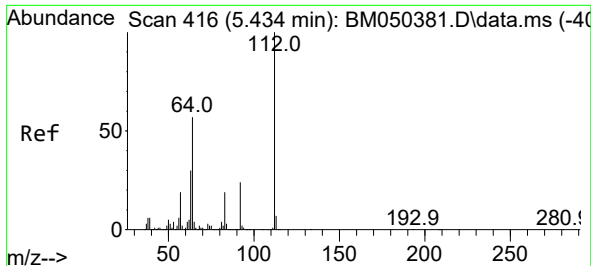
Tgt Ion: 79 Resp: 1069904
Ion Ratio Lower Upper
79 100
52 72.9 58.3 87.5
51 37.4 29.6 44.4



#4
n-Nitrosodimethylamine
Concen: 40.722 ng
RT: 3.640 min Scan# 111
Delta R.T. 0.000 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion: 42 Resp: 508628
Ion Ratio Lower Upper
42 100
74 119.1 97.5 146.3
44 6.9 5.7 8.5

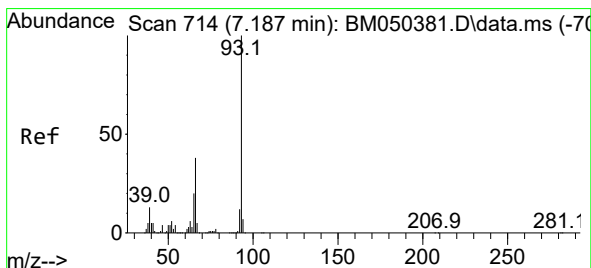
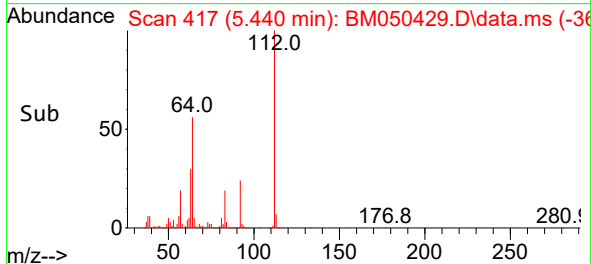
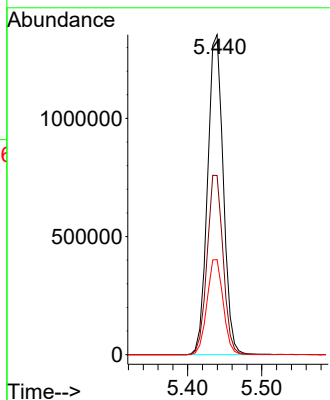
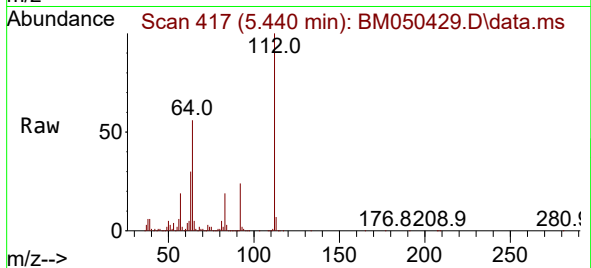




#5
2-Fluorophenol
Concen: 80.393 ng
RT: 5.440 min Scan# 416
Delta R.T. 0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

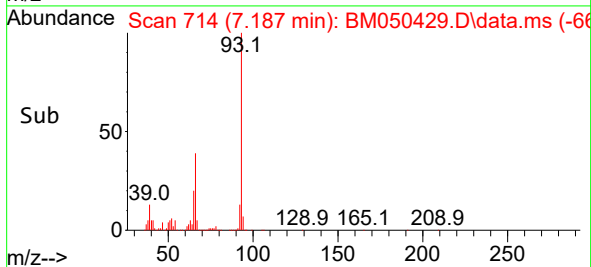
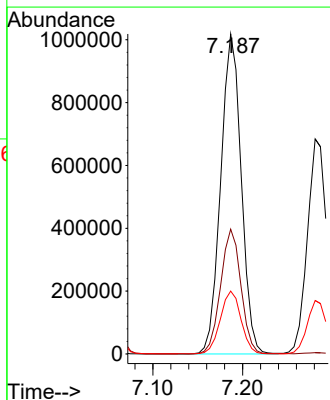
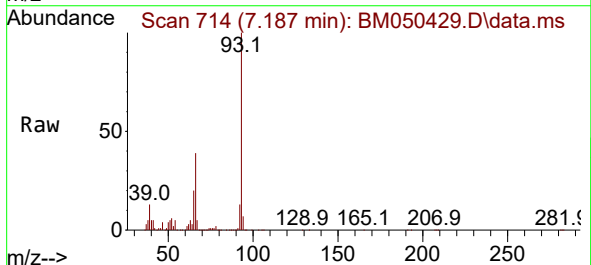
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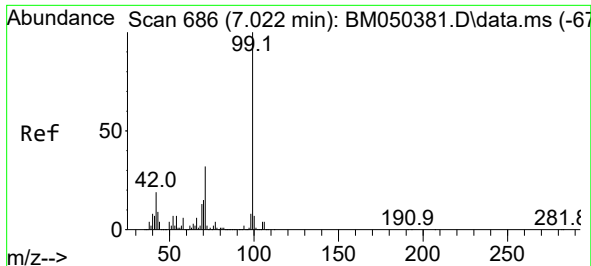
Tgt Ion:112 Resp: 1995139
Ion Ratio Lower Upper
112 100
64 56.0 45.5 68.3
63 29.7 24.2 36.4



#6
Aniline
Concen: 40.237 ng
RT: 7.187 min Scan# 714
Delta R.T. 0.000 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion: 93 Resp: 1615491
Ion Ratio Lower Upper
93 100
66 39.0 30.5 45.7
65 19.6 15.9 23.9



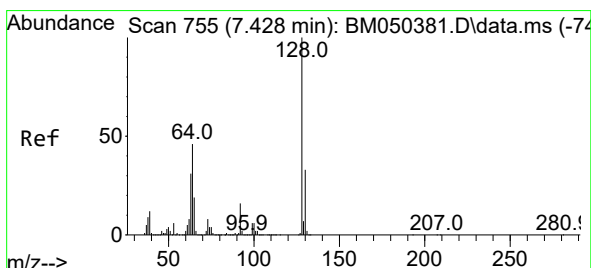
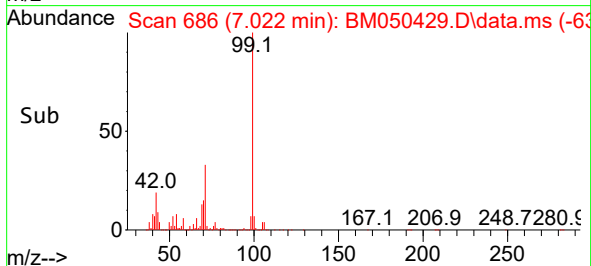
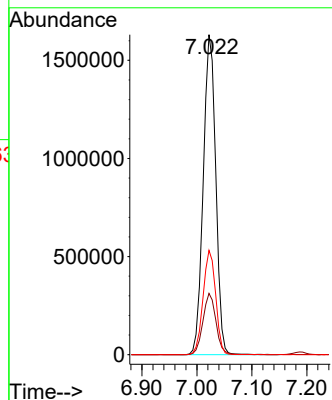
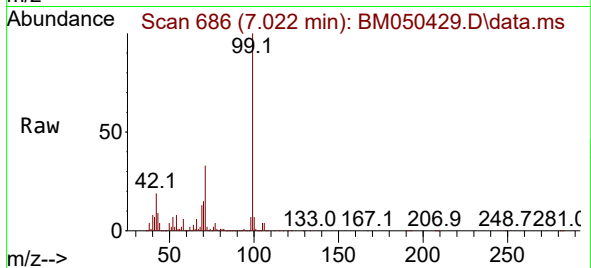


#7
Phenol-d6
Concen: 82.395 ng
RT: 7.022 min Scan# 686
Delta R.T. 0.000 min
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Tgt Ion: 99 Resp: 2577722

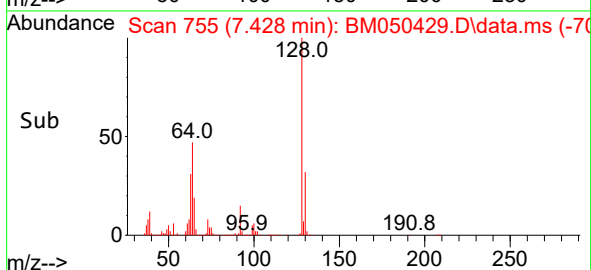
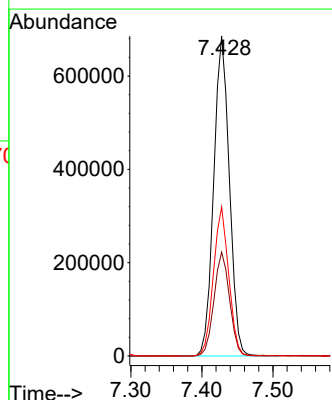
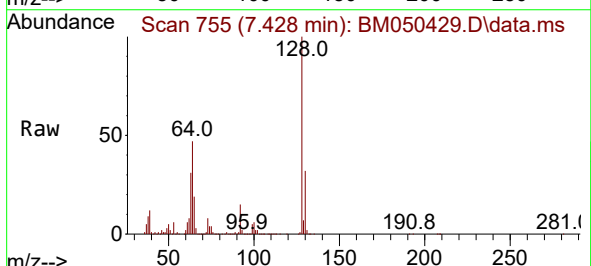
Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.0	22.6
71	32.6	25.9	38.9

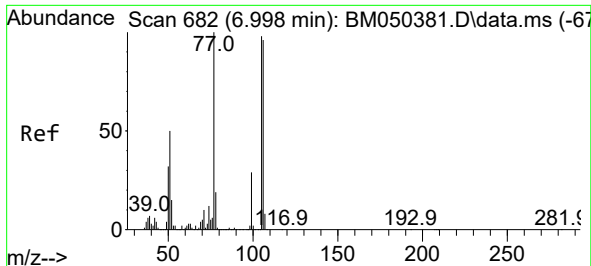


#8
2-Chlorophenol
Concen: 40.070 ng
RT: 7.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: BM050429.D
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Tgt Ion: 128 Resp: 1048575

Ion	Ratio	Lower	Upper
128	100		
130	32.4	13.3	53.3
64	46.6	25.6	65.6

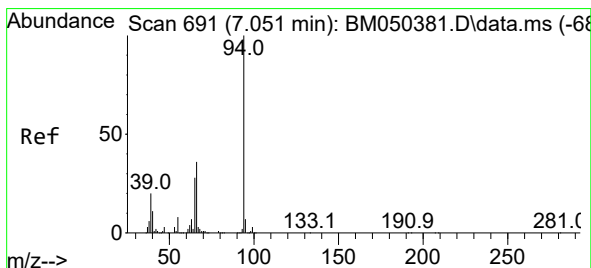
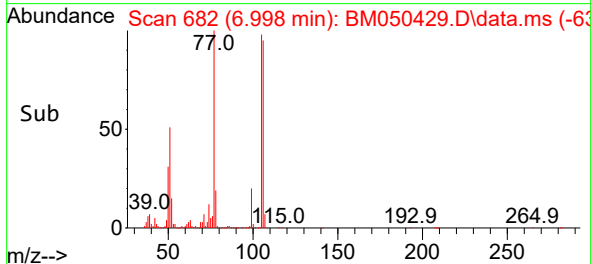
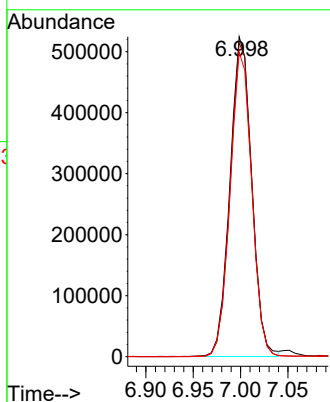
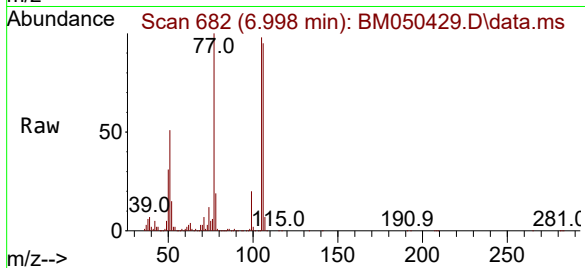




#9
Benzaldehyde
Concen: 44.877 ng
RT: 6.998 min Scan# 682
Delta R.T. 0.000 min
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Acq: 14 Jul 2025 16:53

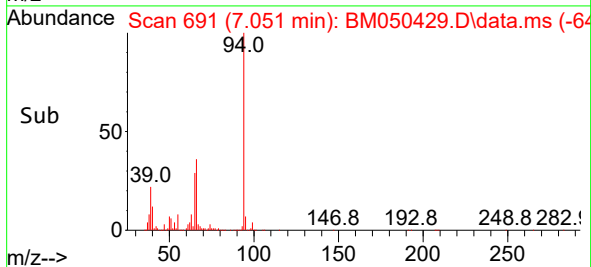
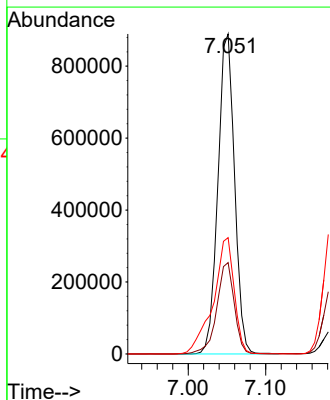
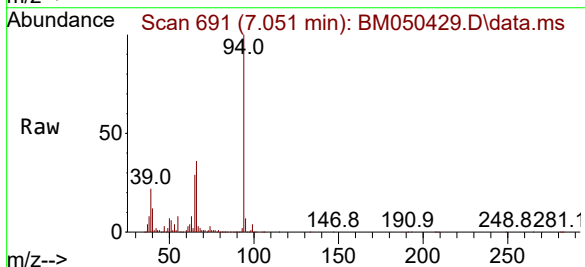
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

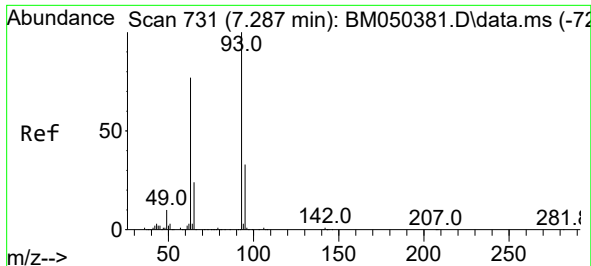
Tgt Ion: 77 Resp: 835180
Ion Ratio Lower Upper
77 100
105 98.1 78.4 118.4
106 95.2 76.3 116.3



#10
Phenol
Concen: 40.591 ng
RT: 7.051 min Scan# 691
Delta R.T. 0.000 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion: 94 Resp: 1324515
Ion Ratio Lower Upper
94 100
65 28.5 8.1 48.1
66 36.3 15.8 55.8

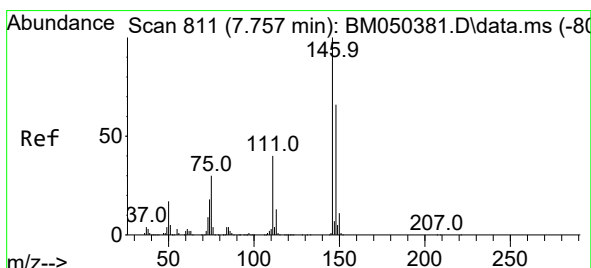
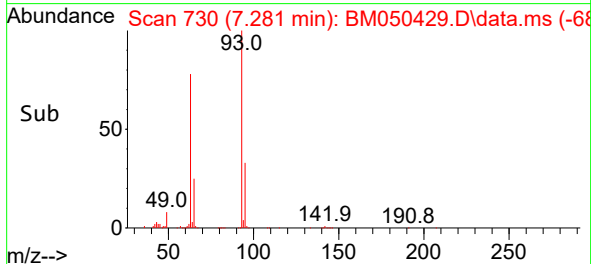
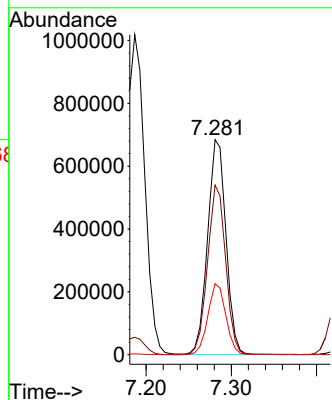
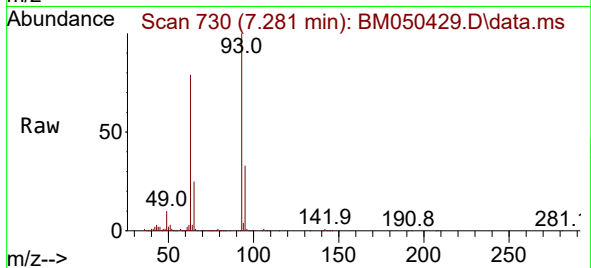




#11
bis(2-Chloroethyl)ether
Concen: 39.256 ng
RT: 7.281 min Scan# 731
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

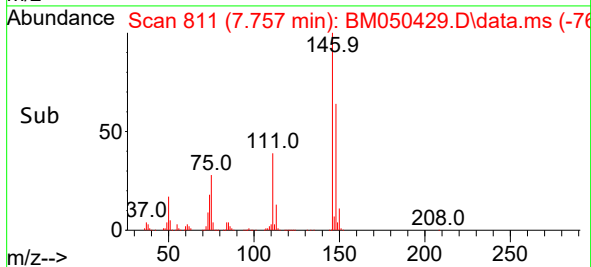
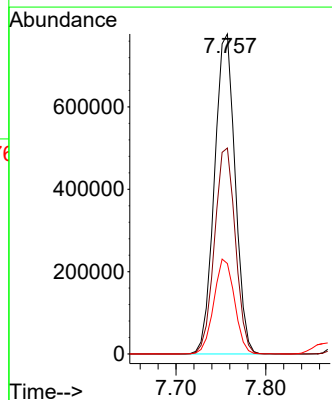
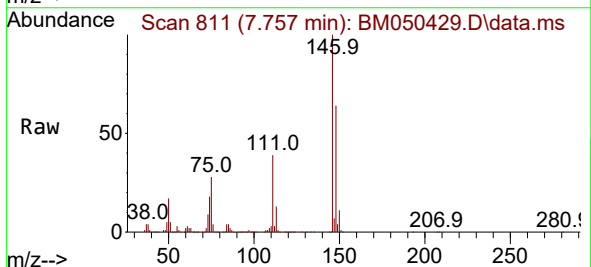
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

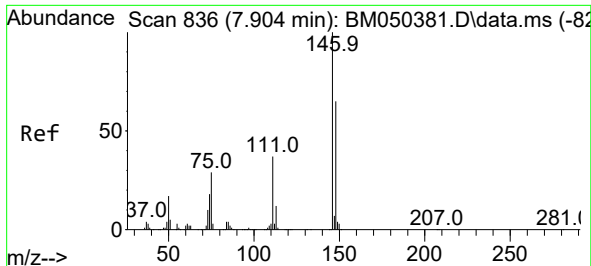
Tgt Ion: 93 Resp: 1025844
Ion Ratio Lower Upper
93 100
63 78.9 56.9 96.9
95 33.1 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 39.084 ng
RT: 7.757 min Scan# 811
Delta R.T. 0.000 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion:146 Resp: 1243648
Ion Ratio Lower Upper
146 100
148 64.4 53.2 79.8
75 28.2 23.9 35.9





#13

1,4-Dichlorobenzene

Concen: 39.004 ng

RT: 7.898 min Scan# 81

Delta R.T. -0.006 min

Lab File: BM050429.D

Acq: 14 Jul 2025 16:53

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

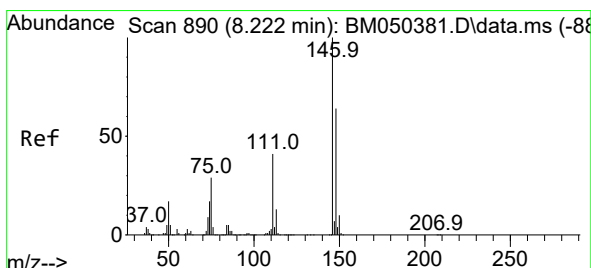
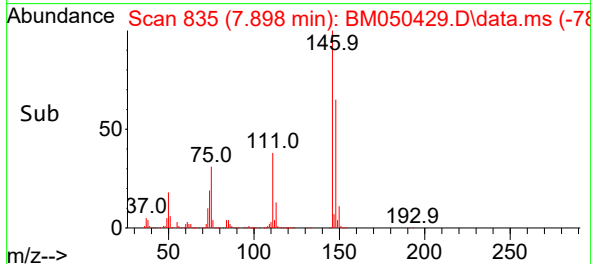
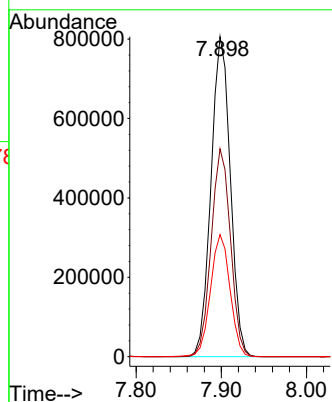
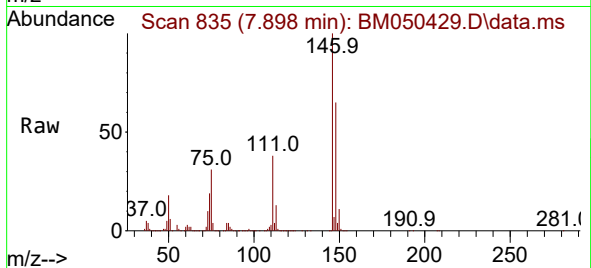
Tgt Ion:146 Resp: 1267305

Ion Ratio Lower Upper

146 100

148 64.9 51.9 77.9

111 38.1 30.0 45.0



#14

1,2-Dichlorobenzene

Concen: 39.116 ng

RT: 8.216 min Scan# 889

Delta R.T. -0.006 min

Lab File: BM050429.D

Acq: 14 Jul 2025 16:53

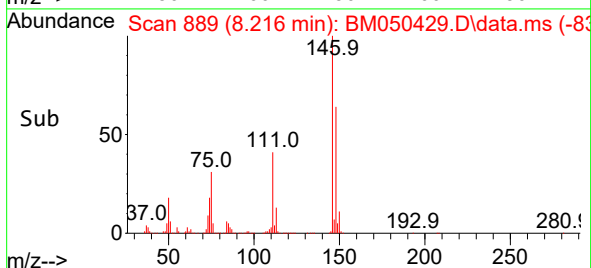
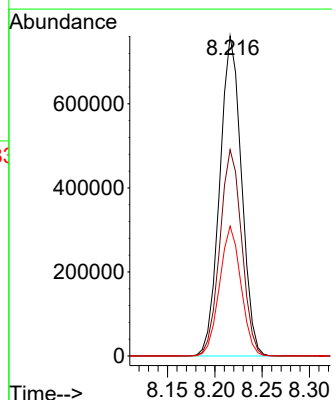
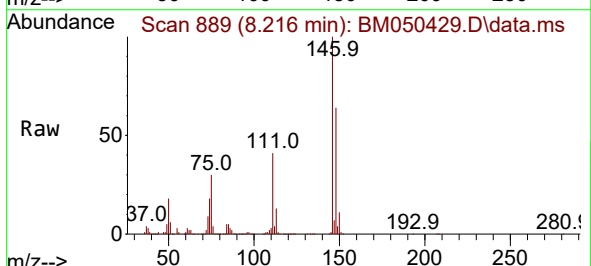
Tgt Ion:146 Resp: 1216761

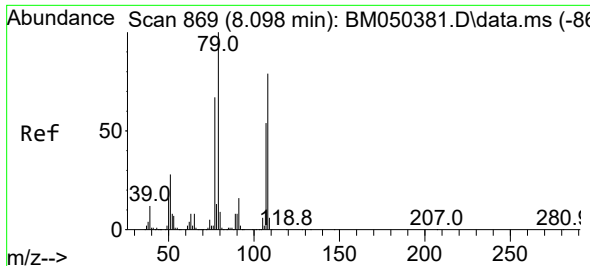
Ion Ratio Lower Upper

146 100

148 64.4 51.5 77.3

111 40.5 32.6 49.0

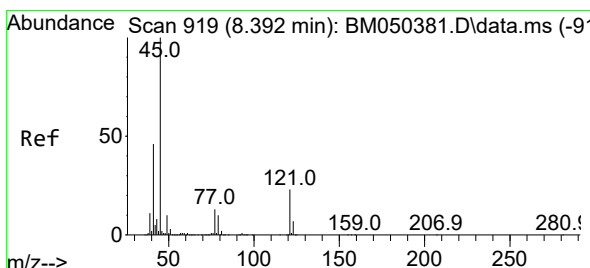
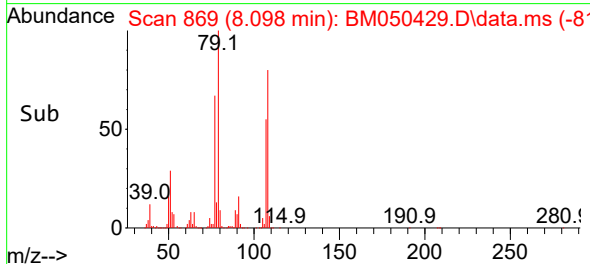
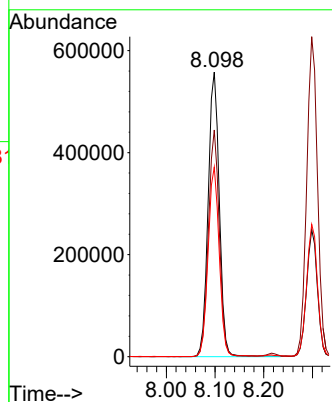
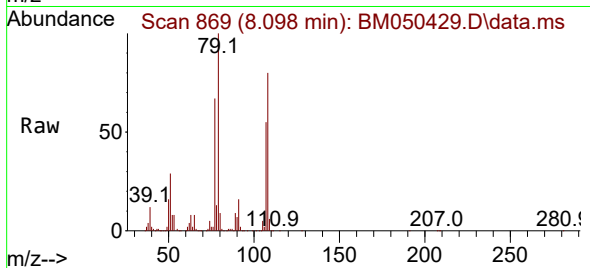




#15
Benzyl Alcohol
Concen: 40.162 ng
RT: 8.098 min Scan# 869
Delta R.T. 0.000 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

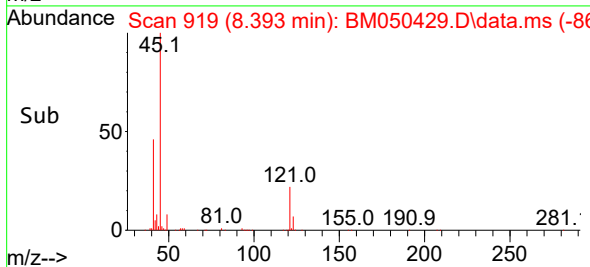
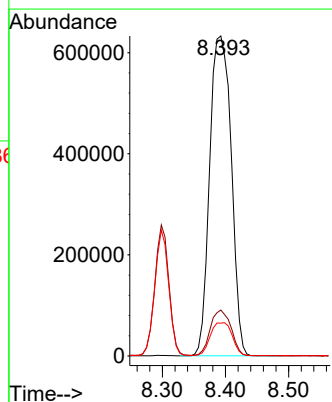
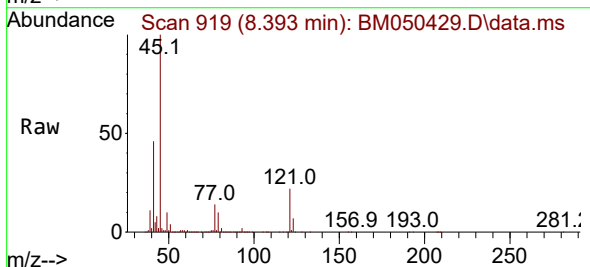
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

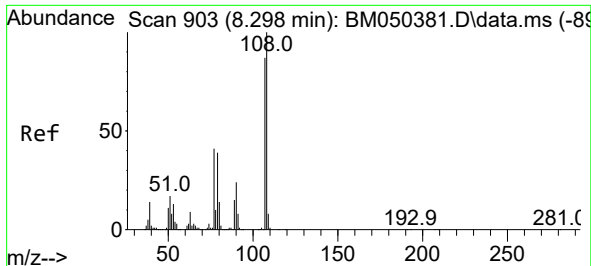
Tgt Ion: 79 Resp: 885308
Ion Ratio Lower Upper
79 100
108 79.6 63.0 94.4
77 66.6 53.4 80.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.024 ng
RT: 8.393 min Scan# 919
Delta R.T. 0.000 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion: 45 Resp: 1502122
Ion Ratio Lower Upper
45 100
77 14.4 0.0 33.5
79 10.3 0.0 30.3

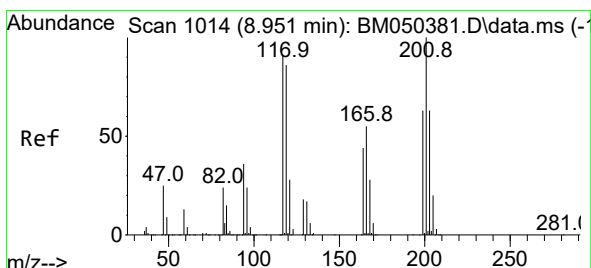
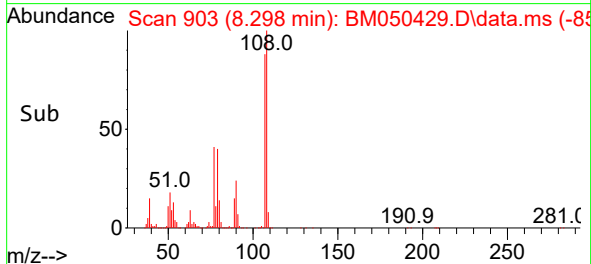
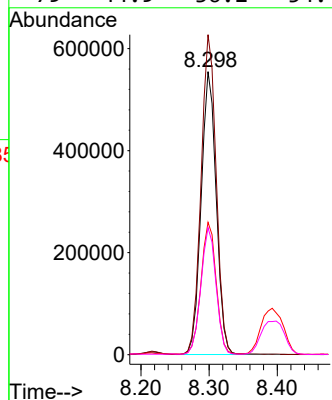
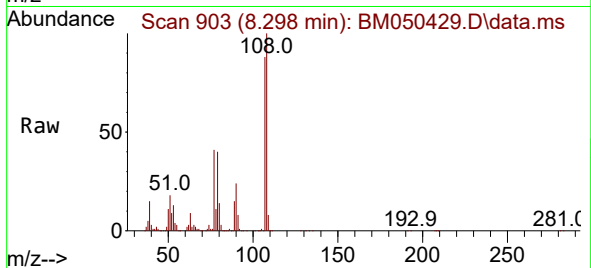




#17
2-Methylphenol
Concen: 40.241 ng
RT: 8.298 min Scan# 903
Delta R.T. 0.000 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

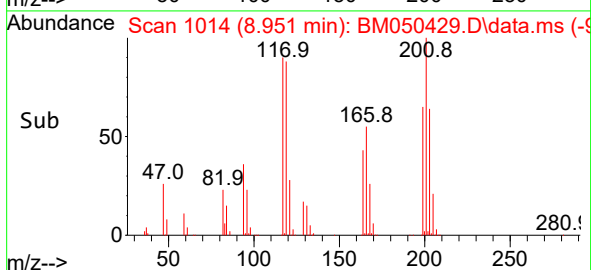
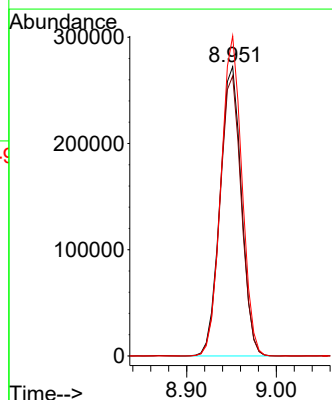
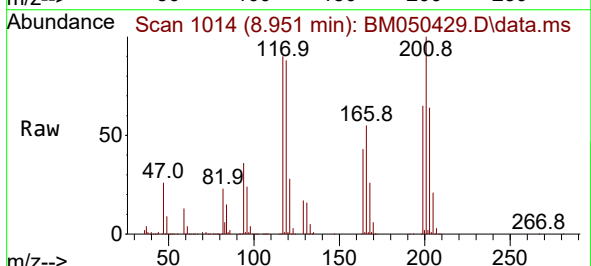
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

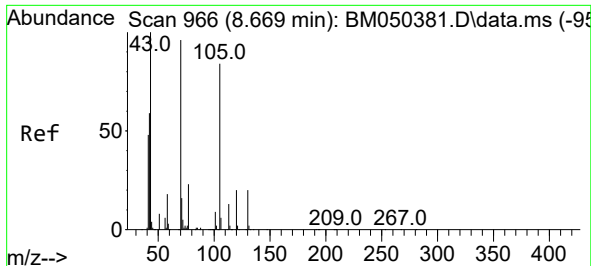
Tgt Ion:	107	Resp:	851638
Ion	Ratio	Lower	Upper
107	100		
108	113.1	92.1	138.1
77	46.7	38.2	57.4
79	44.9	36.2	54.4



#18
Hexachloroethane
Concen: 39.443 ng
RT: 8.951 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion:	117	Resp:	450718
Ion	Ratio	Lower	Upper
117	100		
119	96.8	75.6	113.4
201	110.6	87.9	131.9

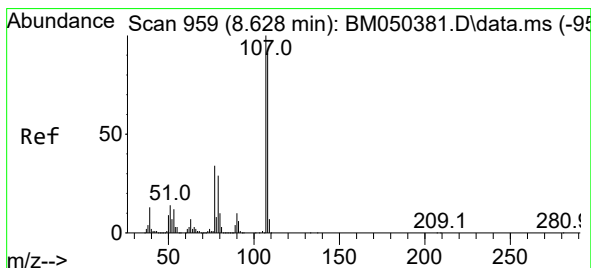
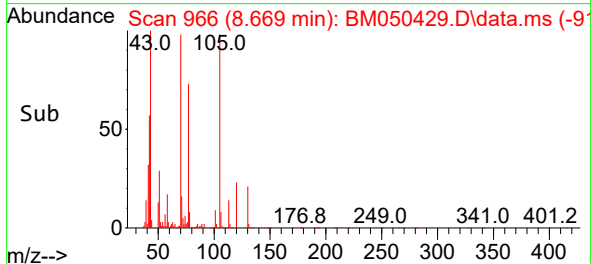
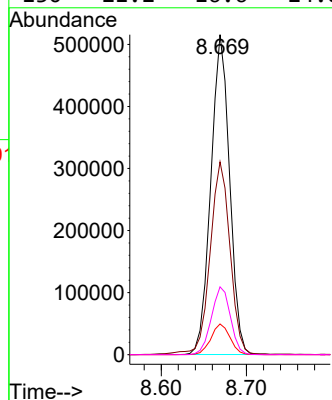
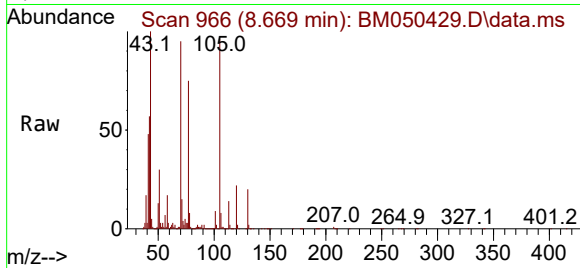




#19
n-Nitroso-di-n-propylamine
Concen: 41.504 ng
RT: 8.669 min Scan# 966
Delta R.T. 0.000 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

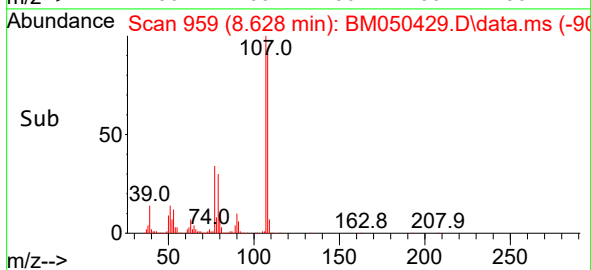
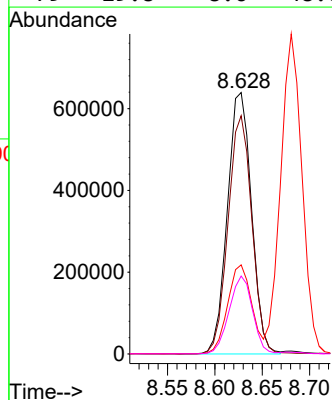
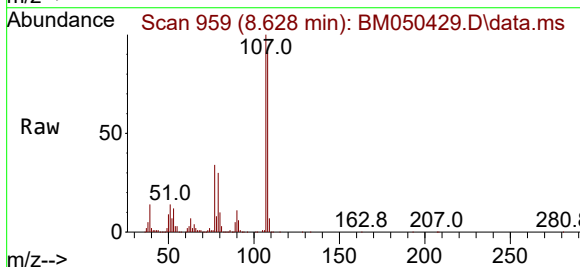
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

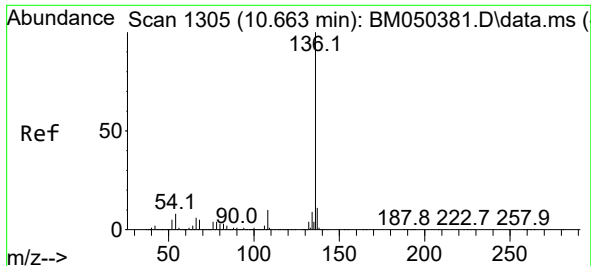
Tgt Ion: 70 Resp: 786604
Ion Ratio Lower Upper
70 100
42 60.3 49.7 74.5
101 9.6 7.7 11.5
130 21.2 16.6 24.8



#20
3+4-Methylphenols
Concen: 39.839 ng
RT: 8.628 min Scan# 959
Delta R.T. 0.000 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion: 107 Resp: 1131842
Ion Ratio Lower Upper
107 100
108 91.2 71.5 111.5
77 34.1 13.7 53.7
79 29.8 8.6 48.6

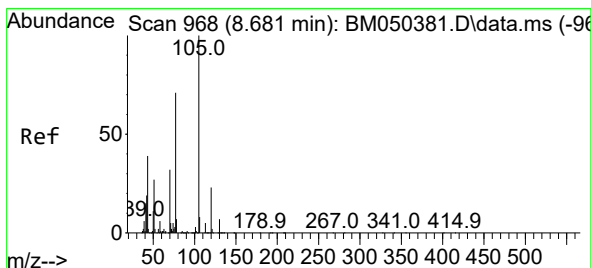
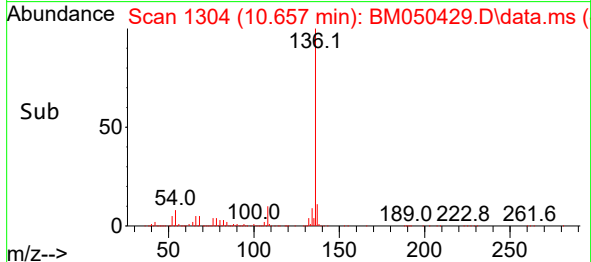
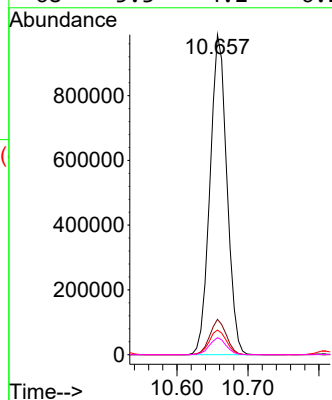
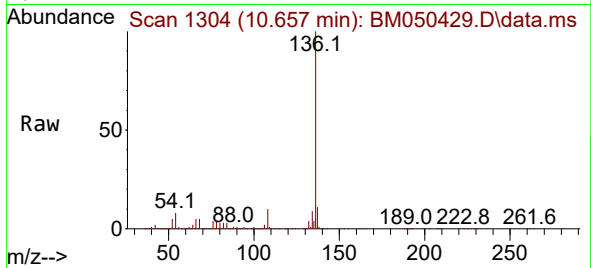




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

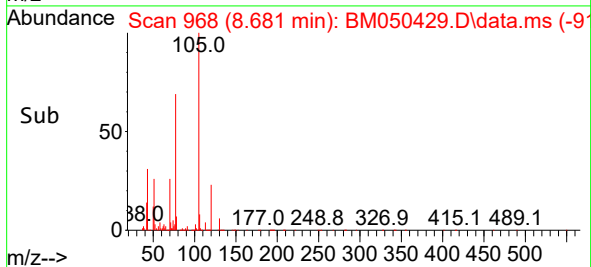
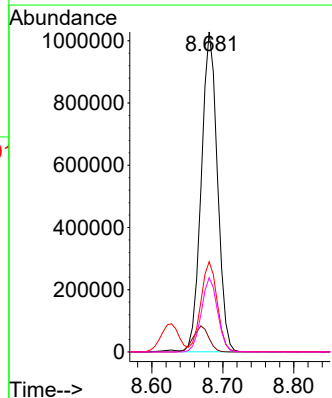
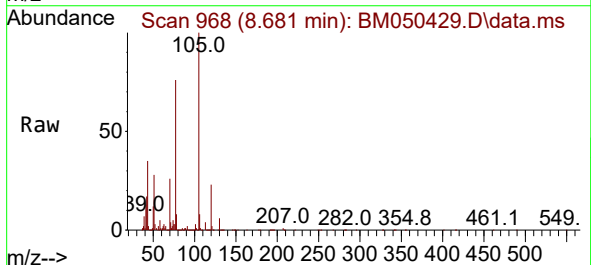
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

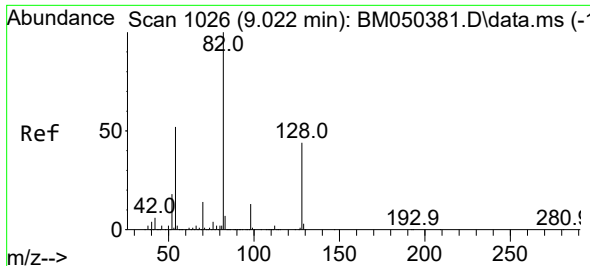
Tgt Ion:136 Resp: 1630124
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.7 6.3 9.5
68 5.3 4.2 6.2



#22
Acetophenone
Concen: 39.815 ng
RT: 8.681 min Scan# 968
Delta R.T. 0.000 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion:105 Resp: 1622764
Ion Ratio Lower Upper
105 100
71 4.3 4.4 6.6#
51 28.2 23.0 34.6
120 23.2 18.3 27.5

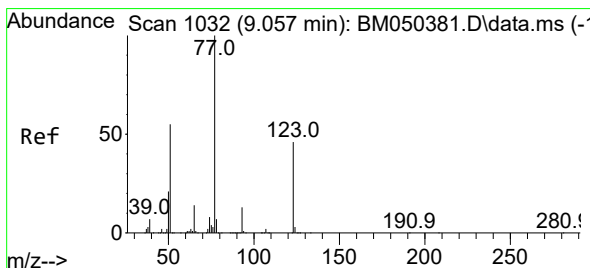
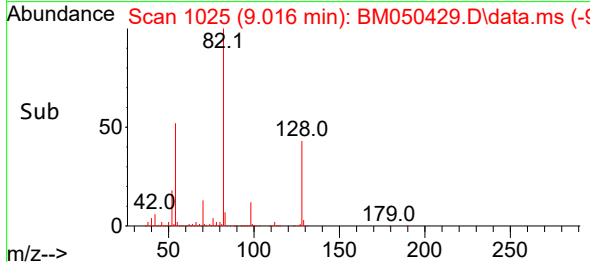
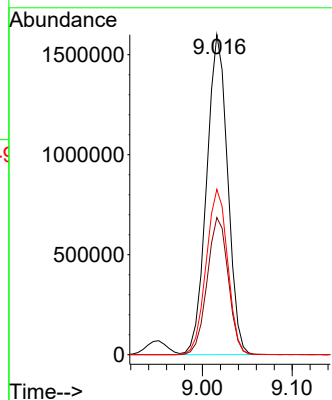
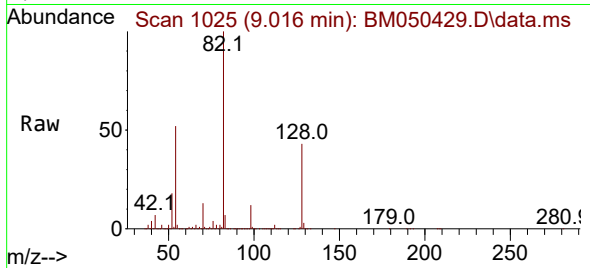




#23
Nitrobenzene-d5
Concen: 81.413 ng
RT: 9.016 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

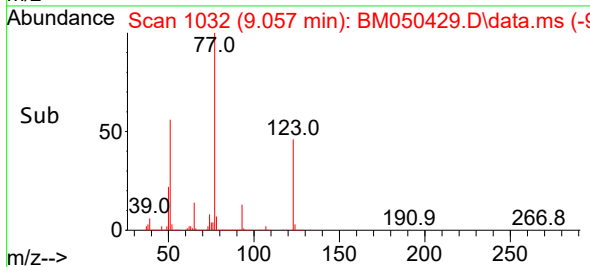
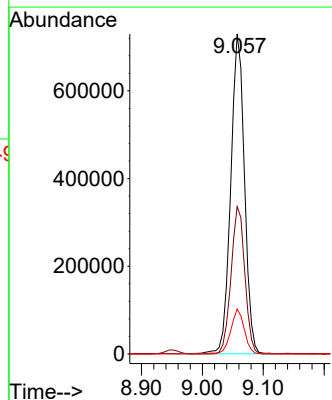
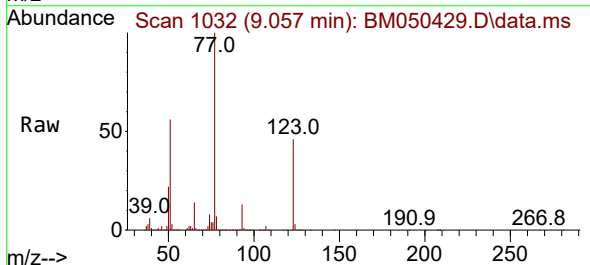
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

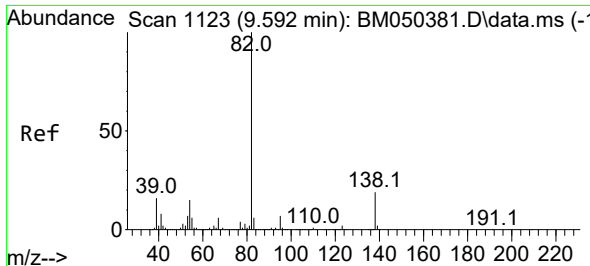
Tgt Ion: 82 Resp: 2601285
Ion Ratio Lower Upper
82 100
128 42.9 35.2 52.8
54 51.6 41.5 62.3



#24
Nitrobenzene
Concen: 40.131 ng
RT: 9.057 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion: 77 Resp: 1144240
Ion Ratio Lower Upper
77 100
123 46.0 37.0 55.6
65 14.1 11.0 16.4

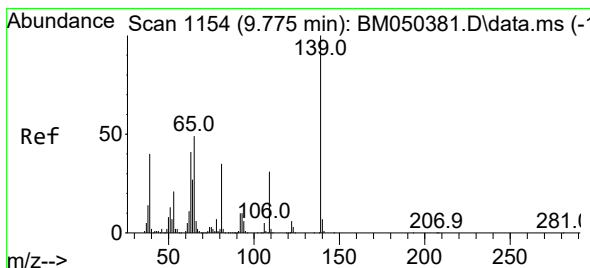
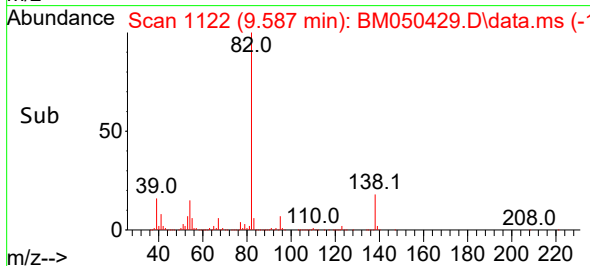
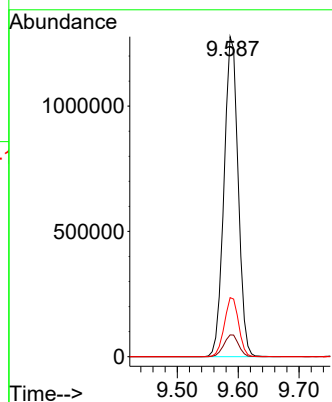
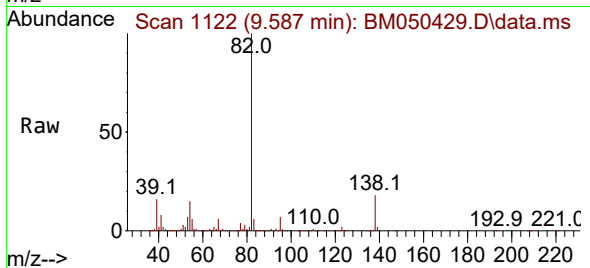




#25
Isophorone
Concen: 39.716 ng
RT: 9.587 min Scan# 1122
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

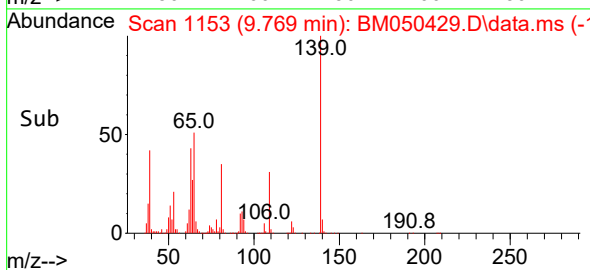
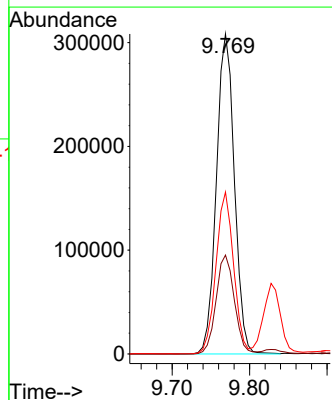
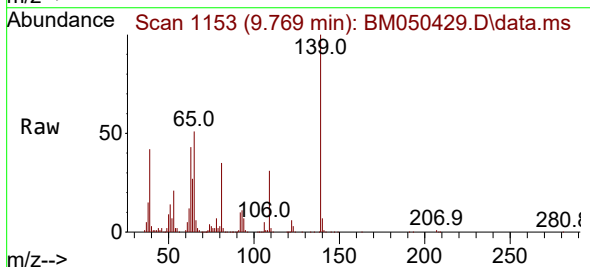
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

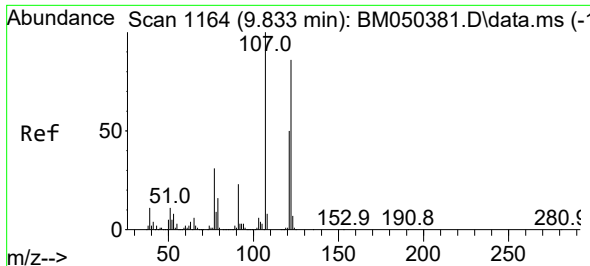
Tgt Ion: 82 Resp: 2059150
Ion Ratio Lower Upper
82 100
95 6.8 5.6 8.4
138 18.4 15.3 22.9



#26
2-Nitrophenol
Concen: 42.742 ng
RT: 9.769 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion: 139 Resp: 496689
Ion Ratio Lower Upper
139 100
109 30.9 24.6 36.8
65 50.6 39.2 58.8

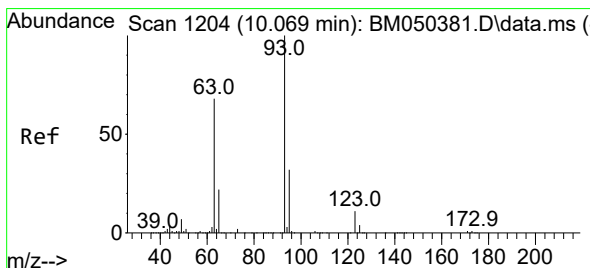
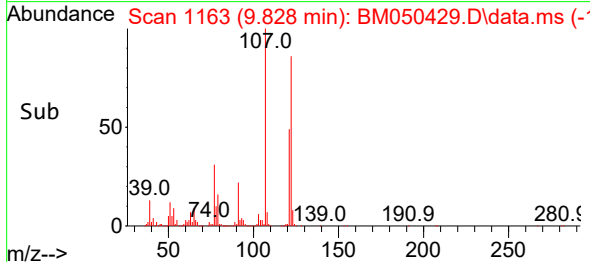
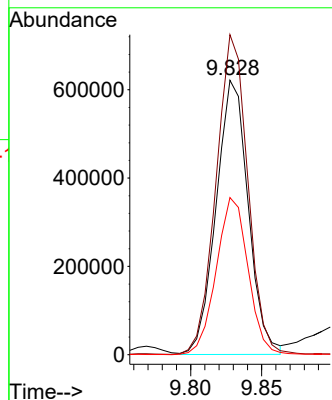
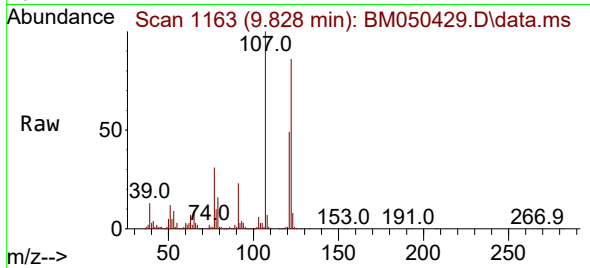




#27
2,4-Dimethylphenol
Concen: 39.483 ng
RT: 9.828 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

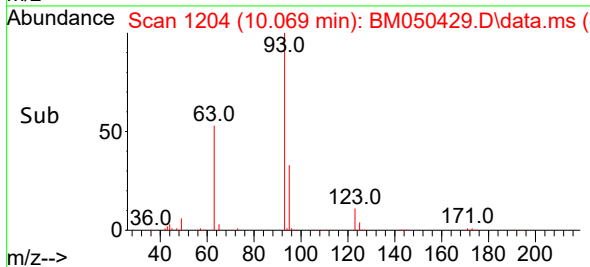
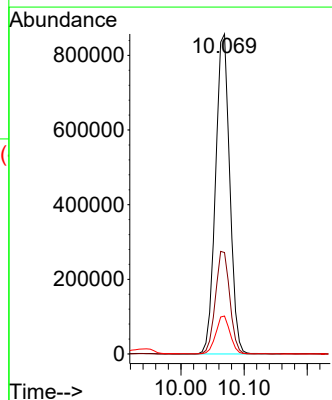
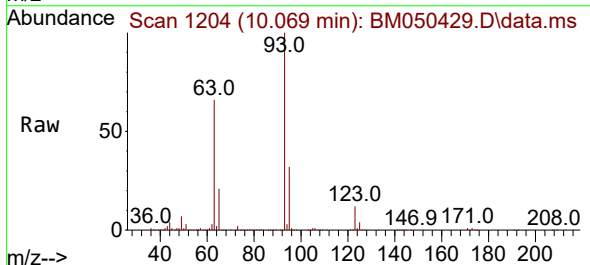
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

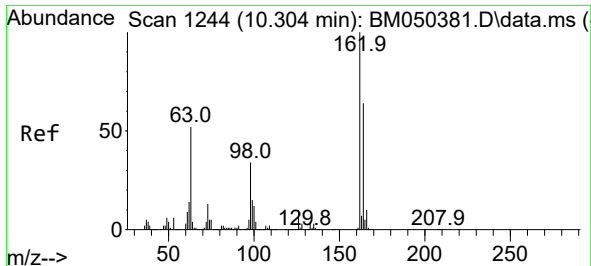
Tgt Ion:122 Resp: 976301
Ion Ratio Lower Upper
122 100
107 116.6 93.0 139.6
121 57.3 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 38.943 ng
RT: 10.069 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion: 93 Resp: 1337922
Ion Ratio Lower Upper
93 100
95 31.7 25.8 38.6
123 11.9 9.1 13.7

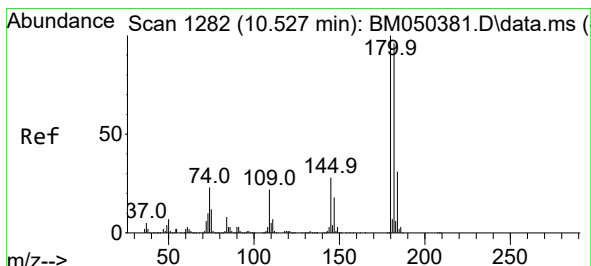
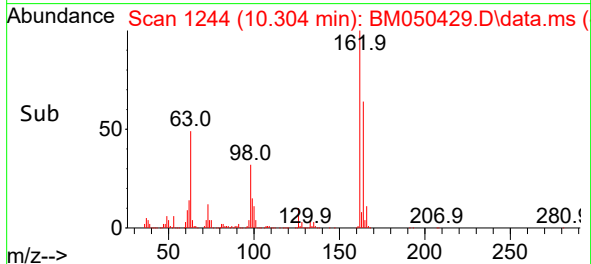
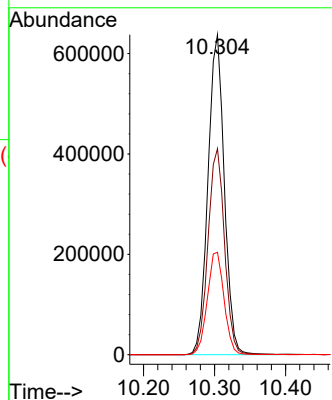
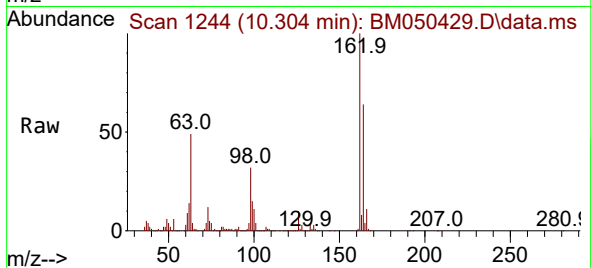




#29
2,4-Dichlorophenol
Concen: 40.196 ng
RT: 10.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

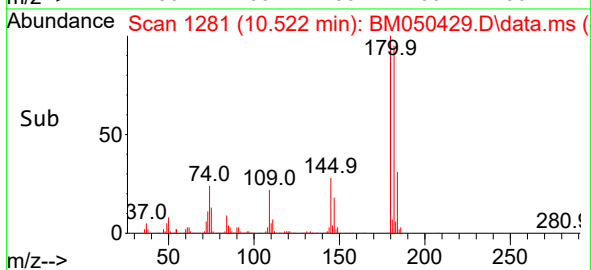
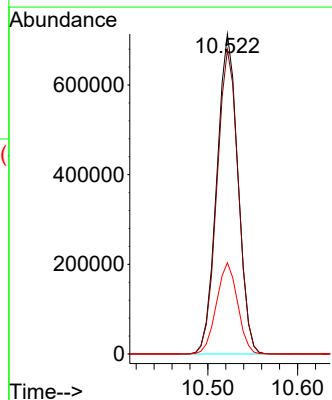
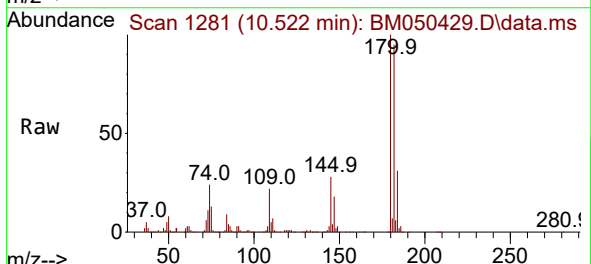
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

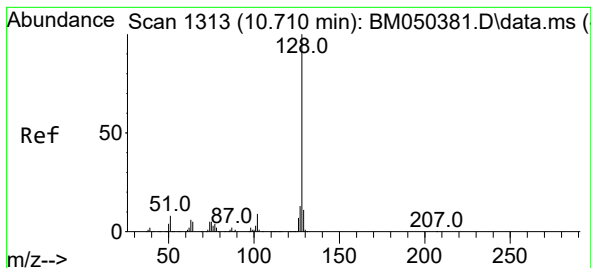
Tgt Ion:162 Resp: 1021142
Ion Ratio Lower Upper
162 100
164 64.4 43.7 83.7
98 32.0 13.7 53.7



#30
1,2,4-Trichlorobenzene
Concen: 38.342 ng
RT: 10.522 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion:180 Resp: 1165230
Ion Ratio Lower Upper
180 100
182 95.1 76.8 115.2
145 28.5 22.6 33.8

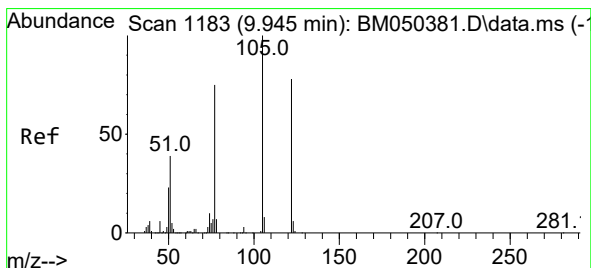
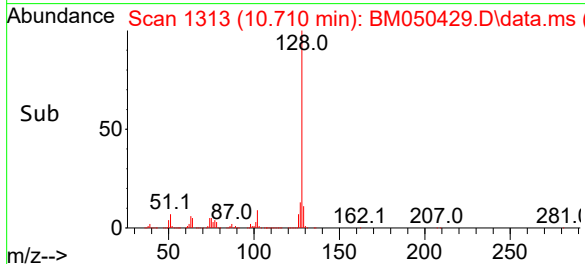
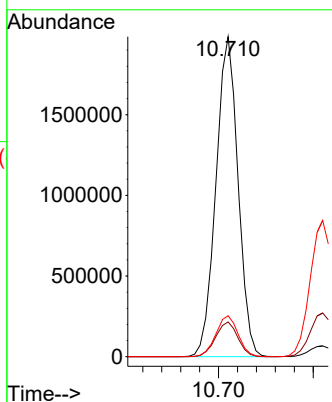
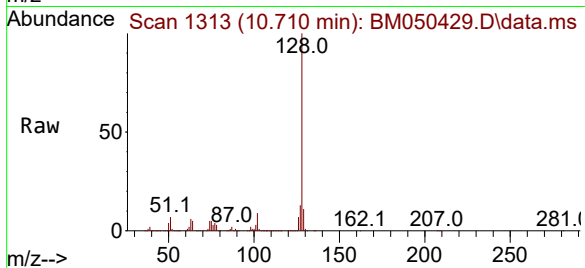




#31
Naphthalene
Concen: 38.781 ng
RT: 10.710 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

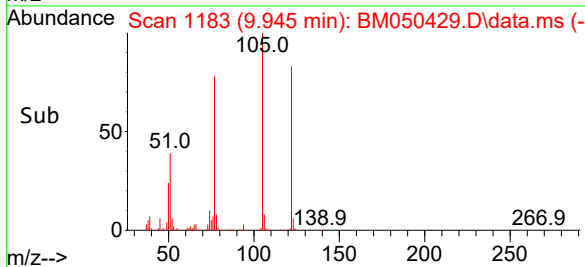
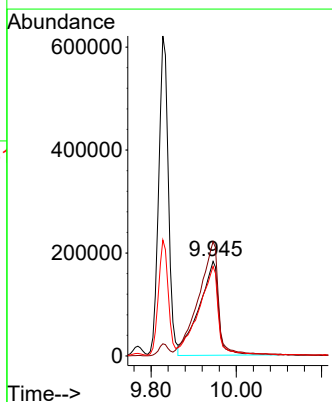
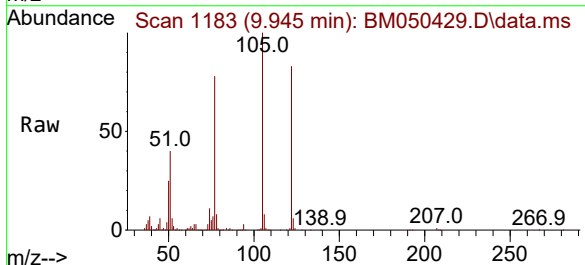
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

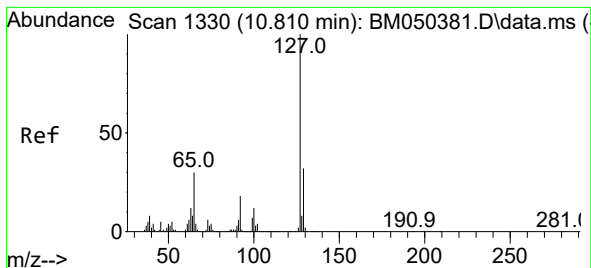
Tgt Ion:128 Resp: 3211004
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 12.8 10.4 15.6



#32
Benzoic acid
Concen: 39.787 ng
RT: 9.945 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion:122 Resp: 586168
Ion Ratio Lower Upper
122 100
105 120.7 104.0 144.0
77 94.7 73.8 113.8

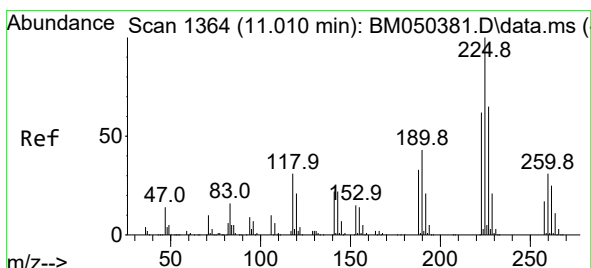
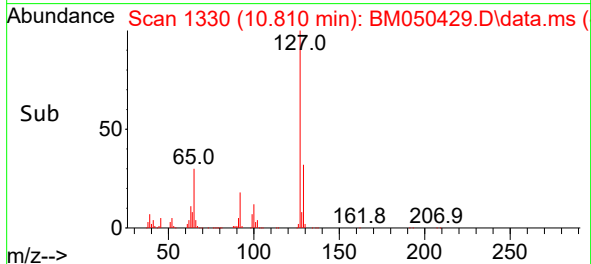
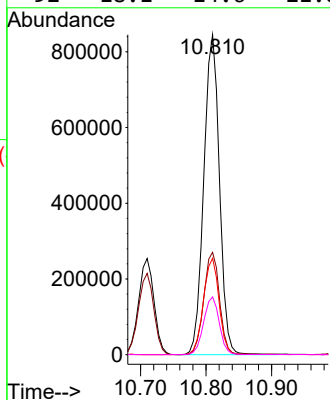
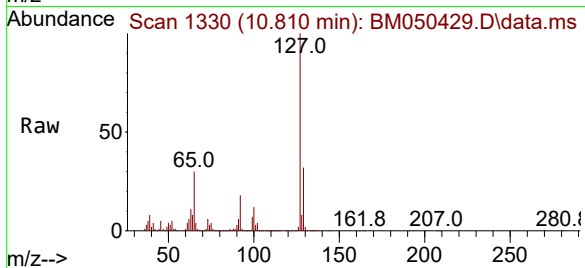




#33
4-Chloroaniline
Concen: 40.145 ng
RT: 10.810 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

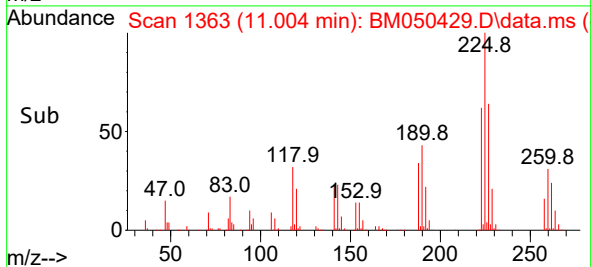
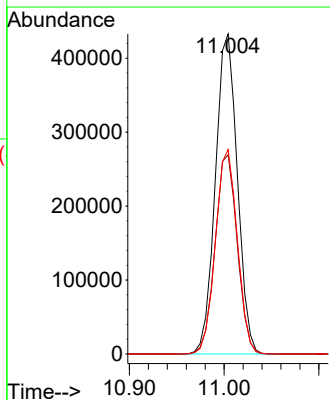
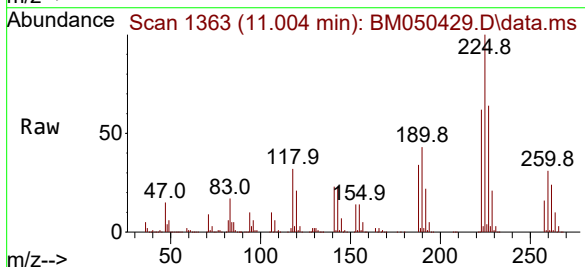
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

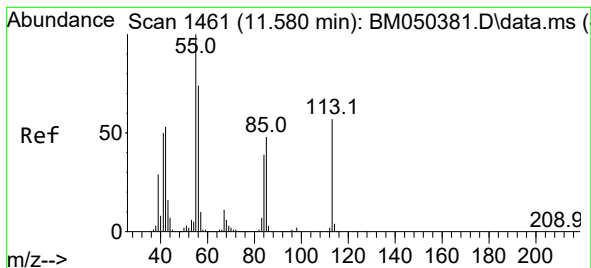
Tgt Ion:127 Resp: 1405215
Ion Ratio Lower Upper
127 100
129 32.0 25.5 38.3
65 30.1 23.9 35.9
92 18.1 14.6 21.8



#34
Hexachlorobutadiene
Concen: 37.580 ng
RT: 11.004 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion:225 Resp: 697048
Ion Ratio Lower Upper
225 100
223 62.3 49.7 74.5
227 63.9 52.1 78.1

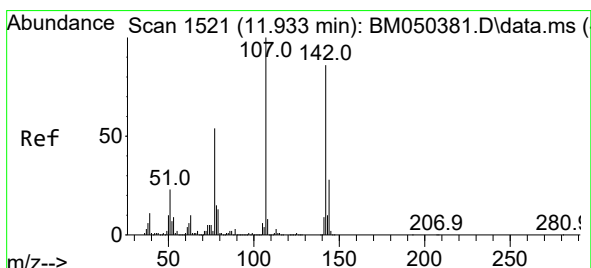
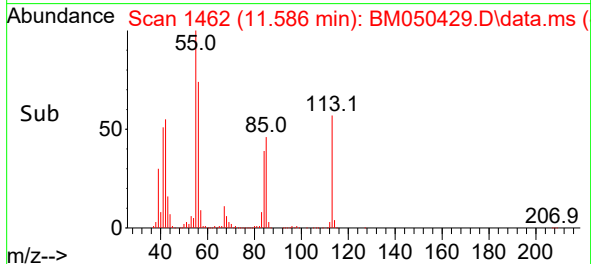
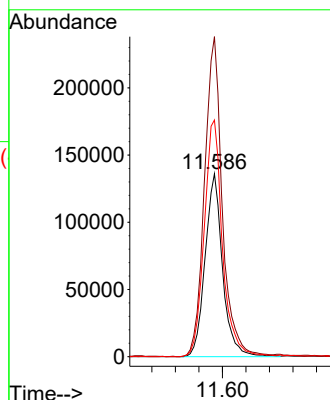
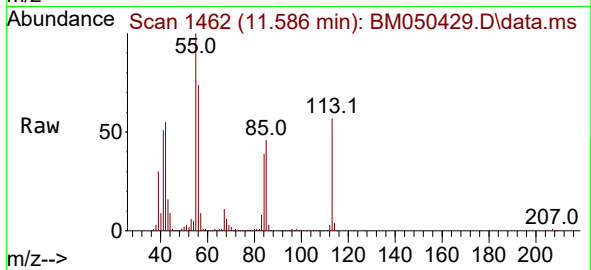




#35
Caprolactam
Concen: 40.432 ng
RT: 11.586 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

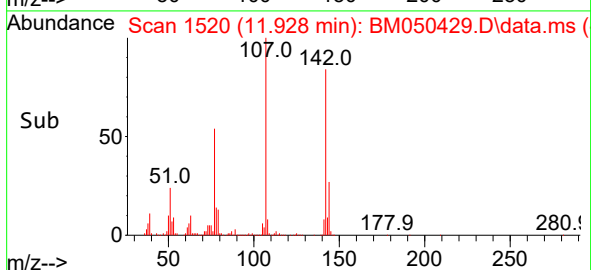
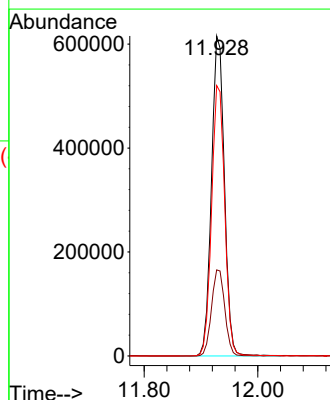
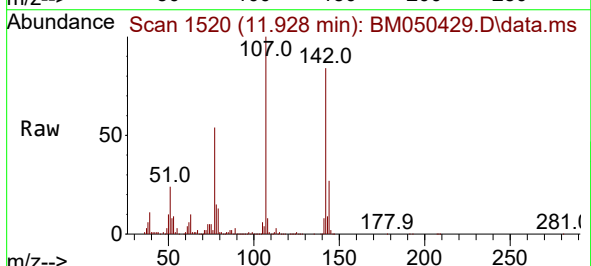
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

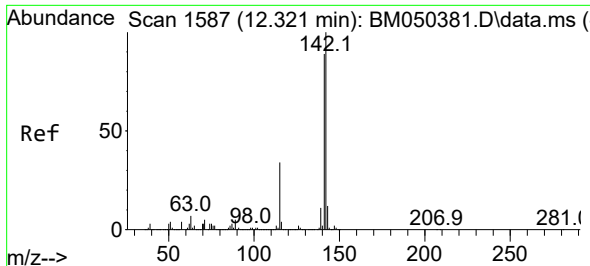
Tgt Ion:113 Resp: 280390
Ion Ratio Lower Upper
113 100
55 175.0 157.2 197.2
56 129.4 111.7 151.7



#36
4-Chloro-3-methylphenol
Concen: 40.774 ng
RT: 11.928 min Scan# 1520
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion:107 Resp: 967256
Ion Ratio Lower Upper
107 100
144 26.9 22.2 33.4
142 84.5 68.7 103.1





#37

2-Methylnaphthalene

Concen: 39.410 ng

RT: 12.316 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM050429.D

Acq: 14 Jul 2025 16:53

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

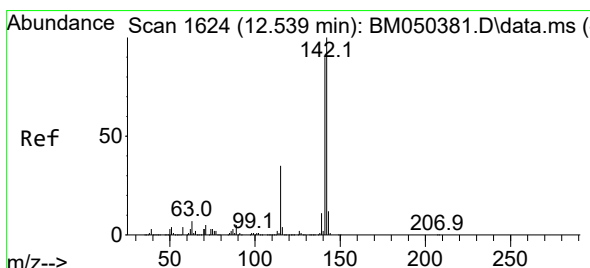
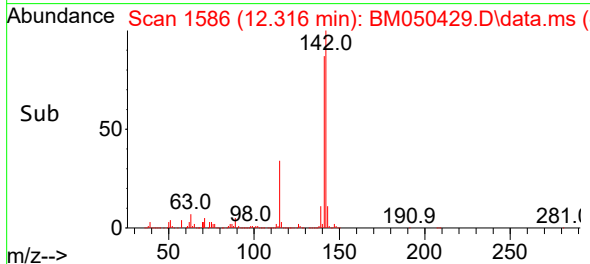
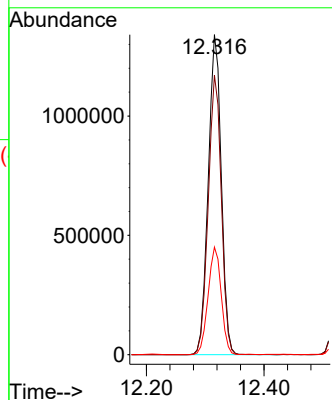
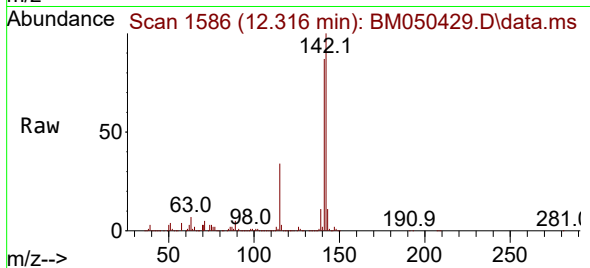
Tgt Ion:142 Resp: 2060342

Ion Ratio Lower Upper

142 100

141 87.4 70.8 106.2

115 33.6 27.0 40.4



#38

1-Methylnaphthalene

Concen: 39.418 ng

RT: 12.533 min Scan# 1623

Delta R.T. -0.006 min

Lab File: BM050429.D

Acq: 14 Jul 2025 16:53

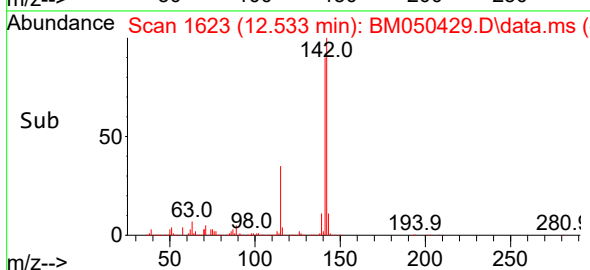
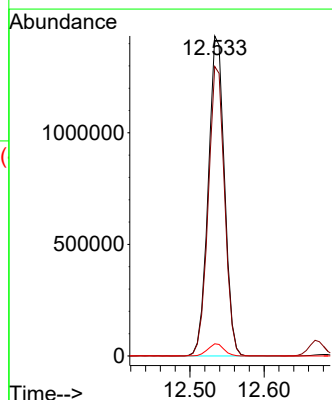
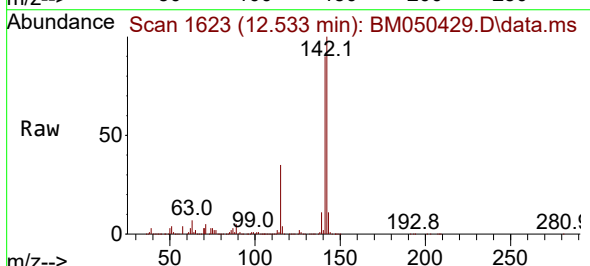
Tgt Ion:142 Resp: 2180920

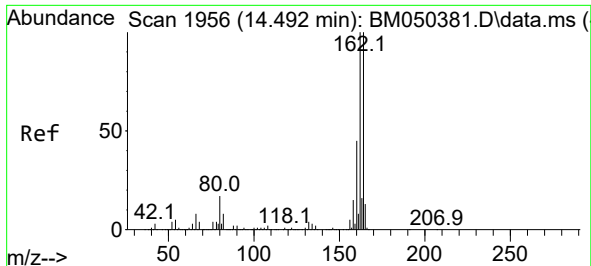
Ion Ratio Lower Upper

142 100

141 90.4 71.9 107.9

116 3.8 3.0 4.6

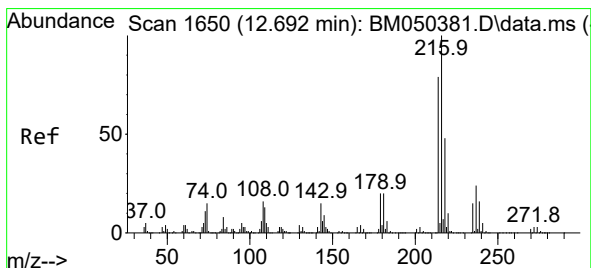
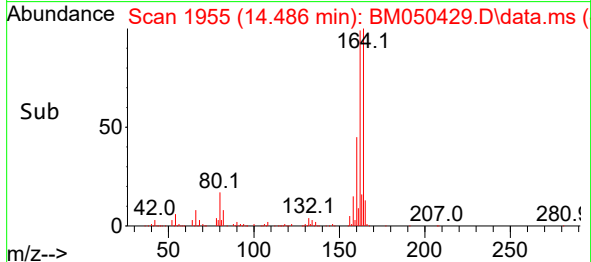
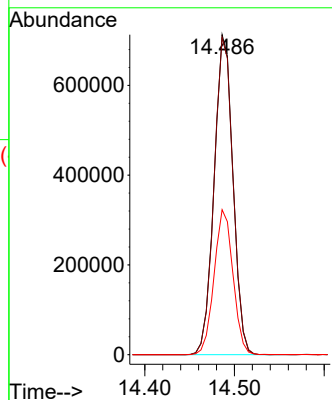
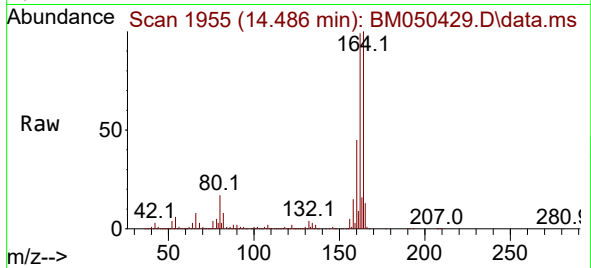




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.486 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

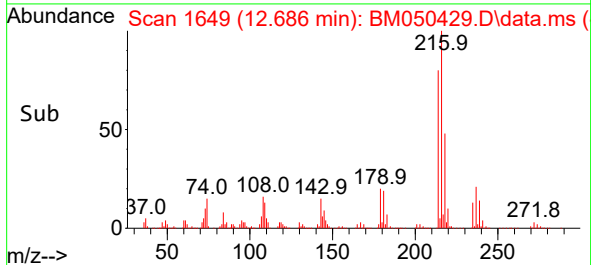
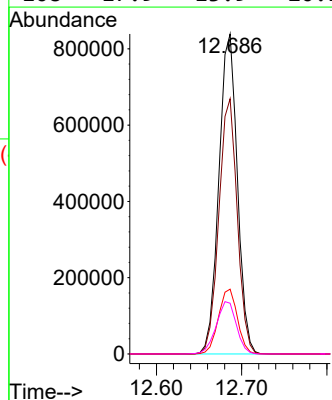
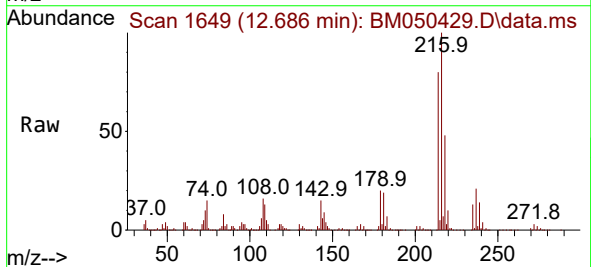
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

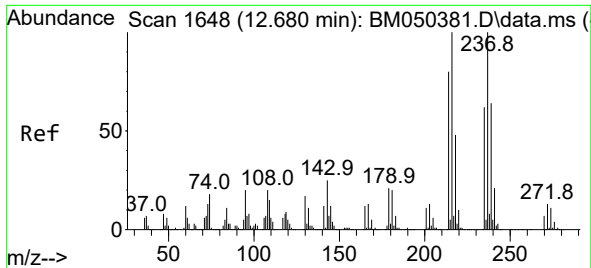
Tgt Ion:164 Resp: 1036891
Ion Ratio Lower Upper
164 100
162 99.1 79.9 119.9
160 45.3 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.323 ng
RT: 12.686 min Scan# 1649
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion:216 Resp: 1263676
Ion Ratio Lower Upper
216 100
214 79.3 63.3 94.9
179 20.9 16.4 24.6
108 17.9 13.9 20.9

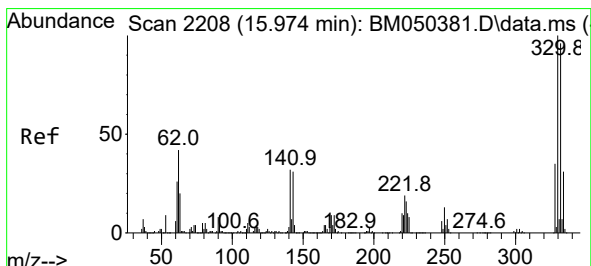
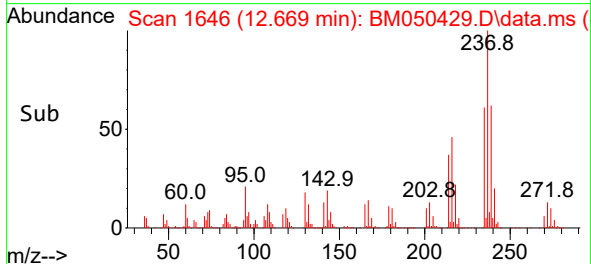
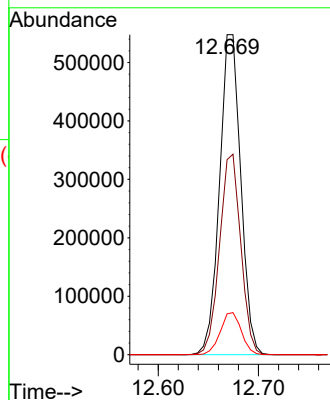
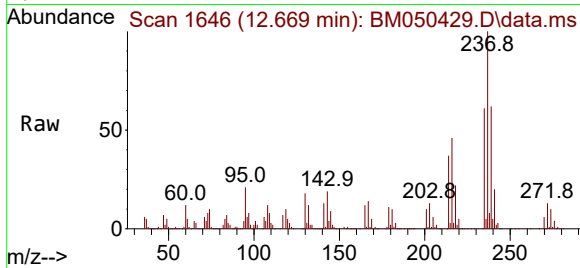




#41
Hexachlorocyclopentadiene
Concen: 38.245 ng
RT: 12.669 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

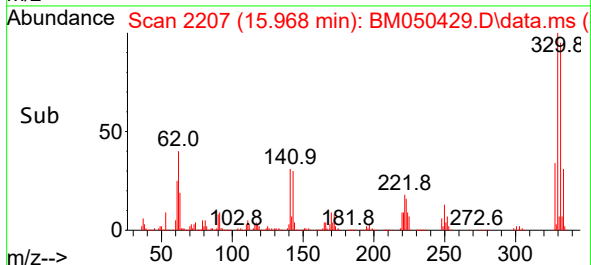
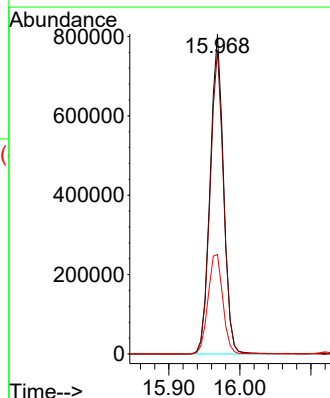
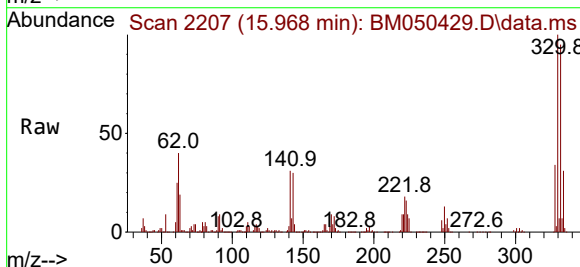
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

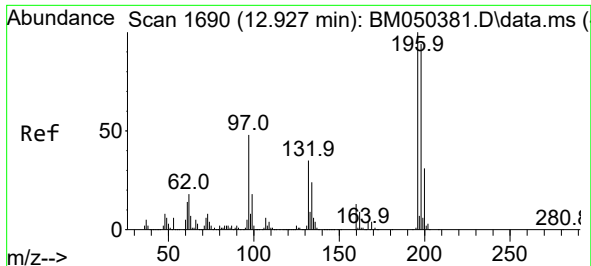
Tgt Ion:237 Resp: 806112
Ion Ratio Lower Upper
237 100
235 61.0 42.3 82.3
272 12.8 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 83.942 ng
RT: 15.968 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion:330 Resp: 1057523
Ion Ratio Lower Upper
330 100
332 95.6 76.9 115.3
141 34.3 27.4 41.0

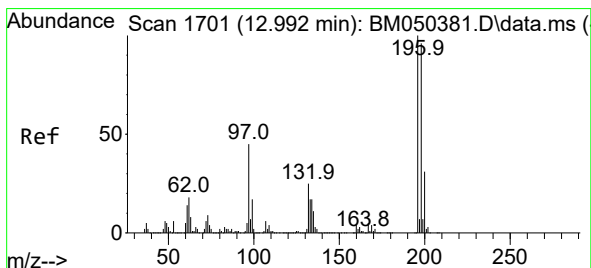
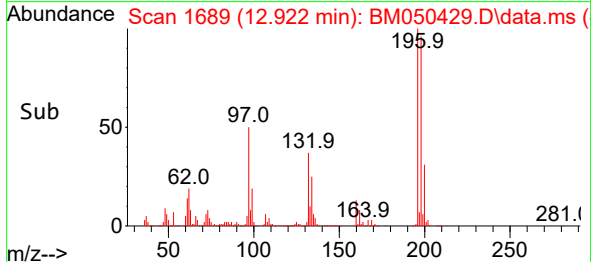
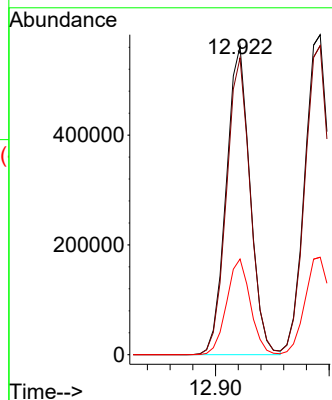
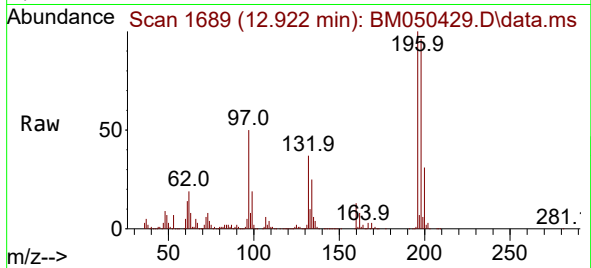




#43
2,4,6-Trichlorophenol
Concen: 40.394 ng
RT: 12.922 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

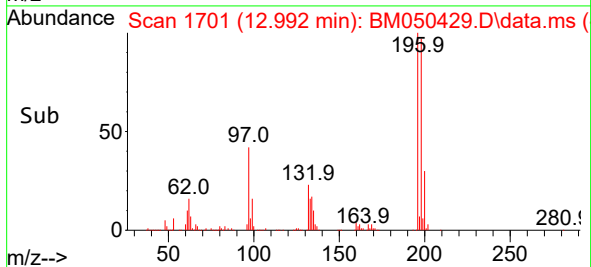
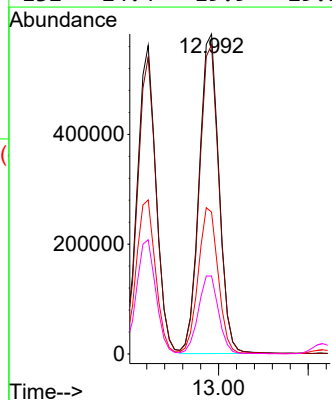
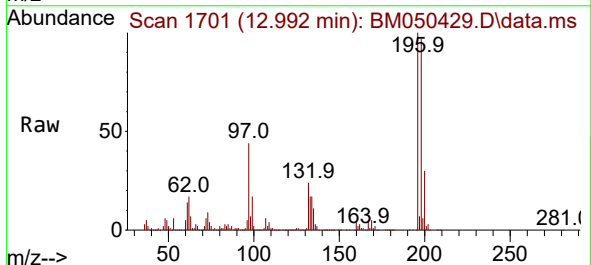
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

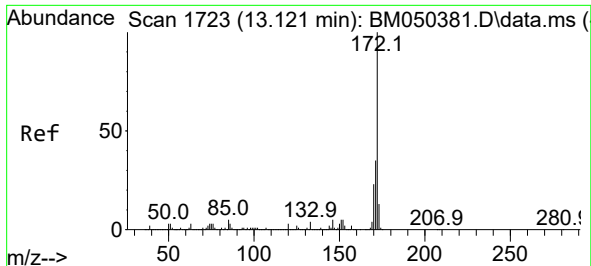
Tgt Ion:196 Resp: 819880
Ion Ratio Lower Upper
196 100
198 96.2 75.1 112.7
200 31.0 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 40.188 ng
RT: 12.992 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion:196 Resp: 890828
Ion Ratio Lower Upper
196 100
198 96.6 77.2 115.8
97 44.4 36.2 54.4
132 24.4 19.9 29.9

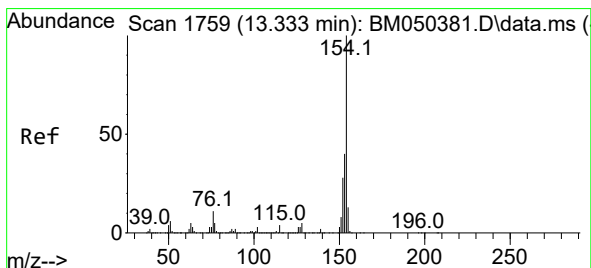
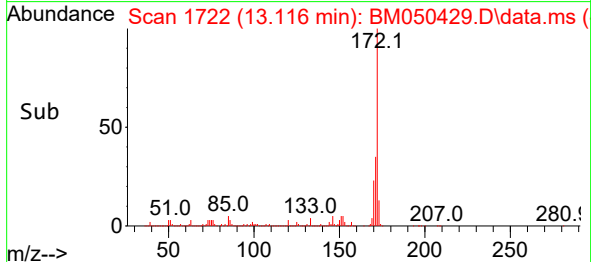
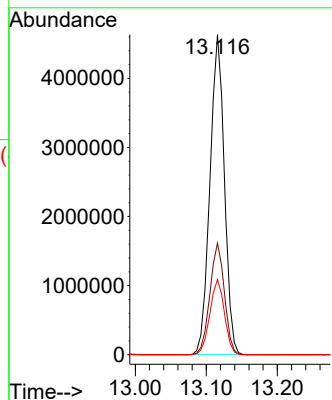
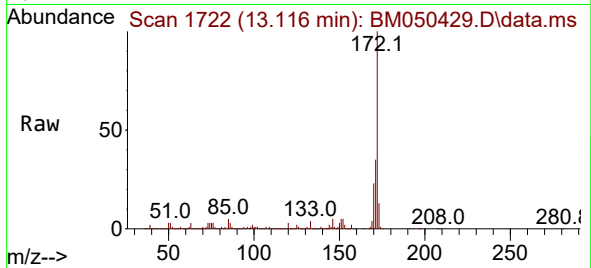




#45
2-Fluorobiphenyl
Concen: 77.961 ng
RT: 13.116 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

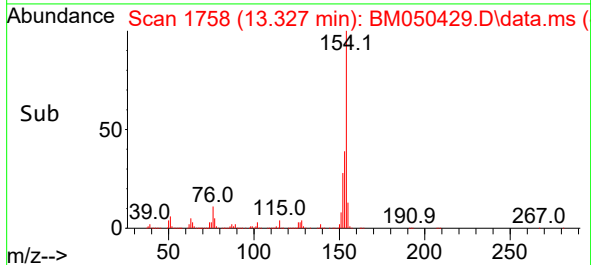
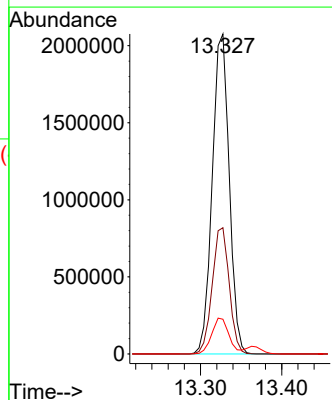
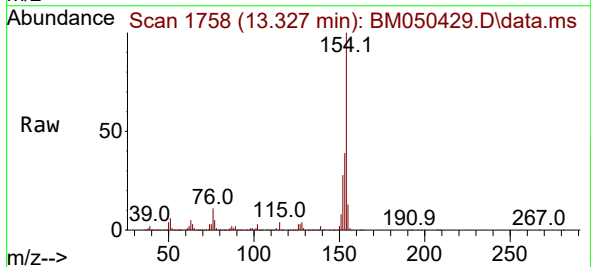
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

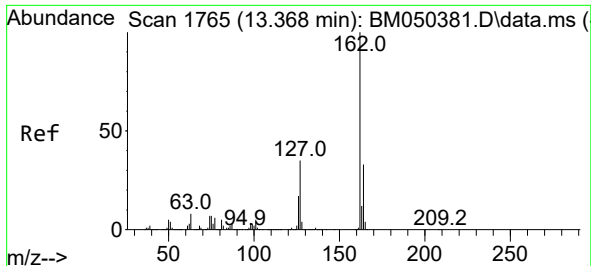
Tgt Ion:172 Resp: 6545863
Ion Ratio Lower Upper
172 100
171 34.9 27.7 41.5
170 23.4 18.8 28.2



#46
1,1'-Biphenyl
Concen: 39.087 ng
RT: 13.327 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion:154 Resp: 3007012
Ion Ratio Lower Upper
154 100
153 39.4 19.7 59.7
76 10.9 0.0 30.9

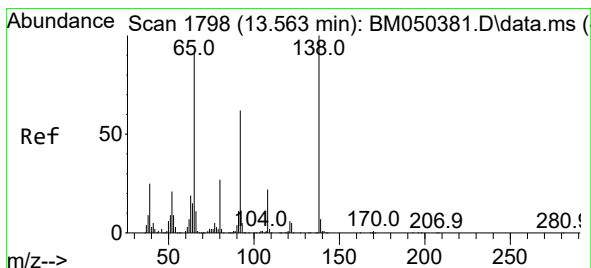
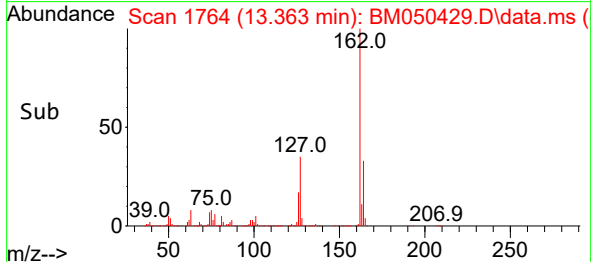
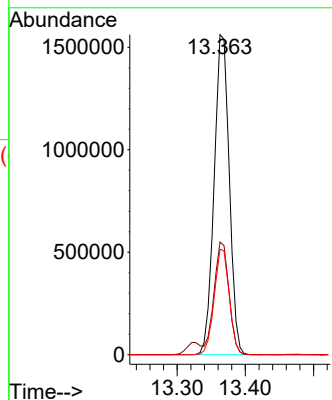
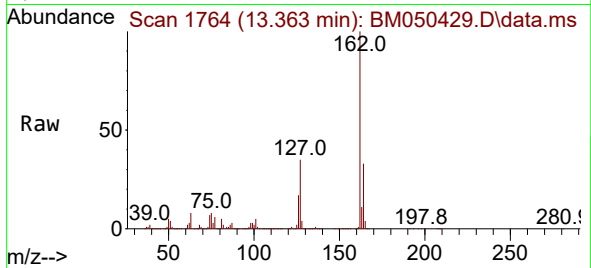




#47
2-Chloronaphthalene
Concen: 39.380 ng
RT: 13.363 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

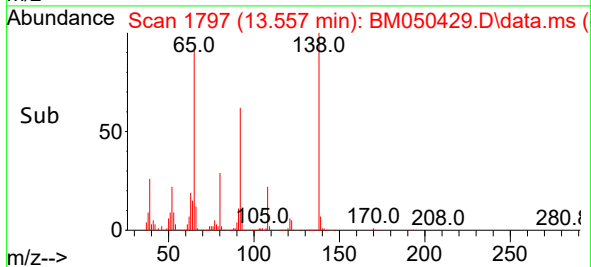
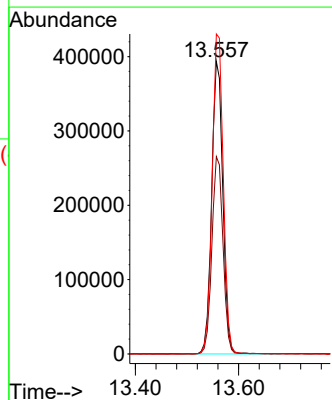
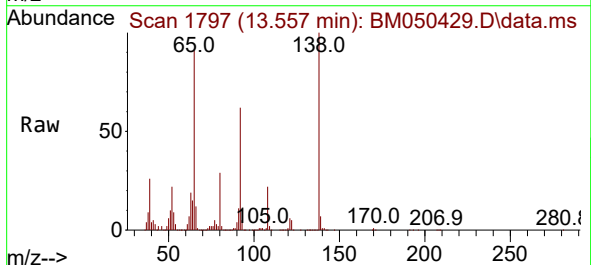
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

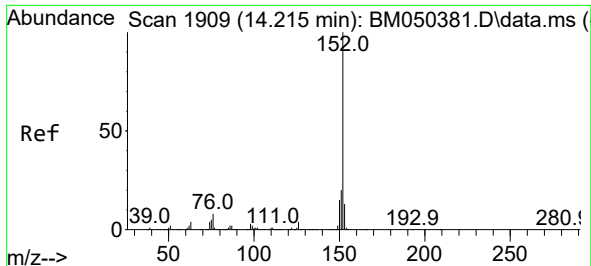
Tgt Ion:162 Resp: 2415494
Ion Ratio Lower Upper
162 100
127 35.2 28.3 42.5
164 33.0 26.6 40.0



#48
2-Nitroaniline
Concen: 43.062 ng
RT: 13.557 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion: 65 Resp: 589561
Ion Ratio Lower Upper
65 100
92 67.5 54.3 81.5
138 109.4 87.8 131.6

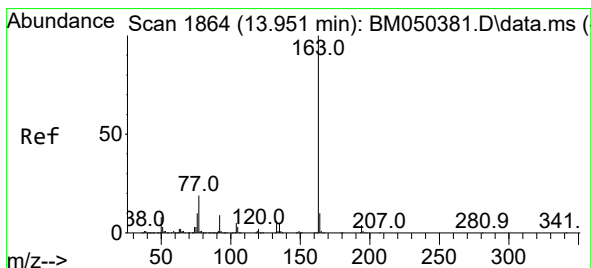
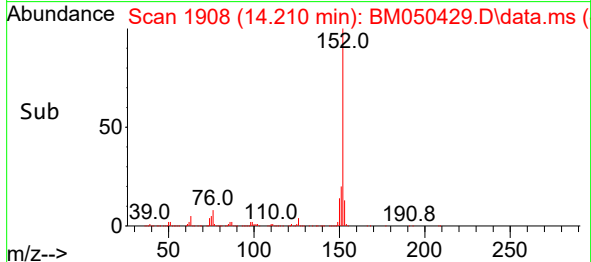
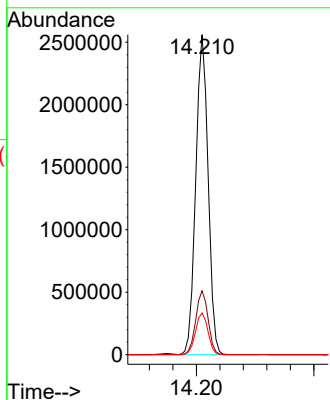
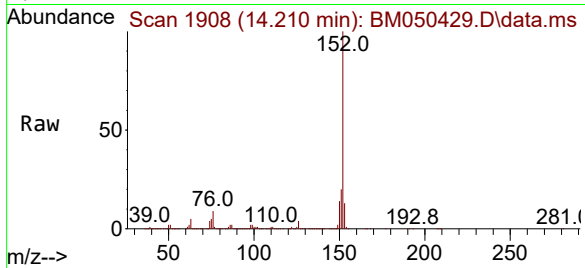




#49
Acenaphthylene
Concen: 40.151 ng
RT: 14.210 min Scan# 1909
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

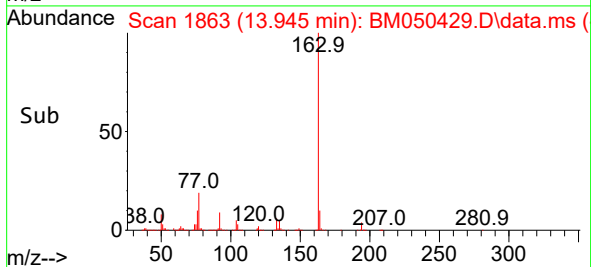
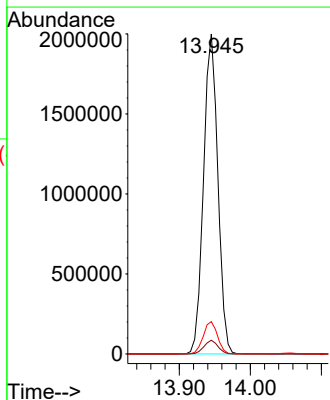
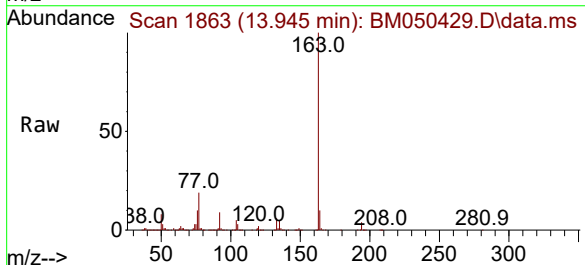
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

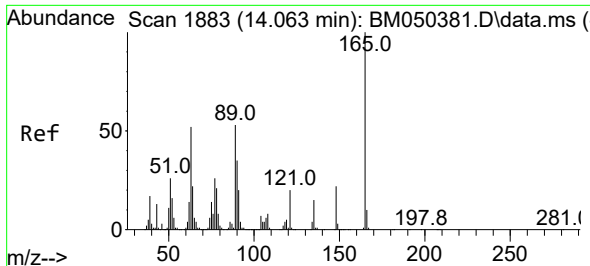
Tgt Ion:152 Resp: 3721946
Ion Ratio Lower Upper
152 100
151 19.9 16.3 24.5
153 13.1 10.6 15.8



#50
Dimethylphthalate
Concen: 39.254 ng
RT: 13.945 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion:163 Resp: 2802244
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.1 8.2 12.2

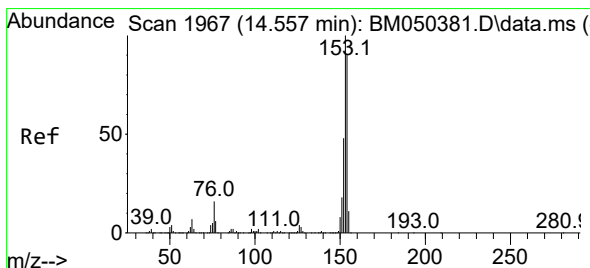
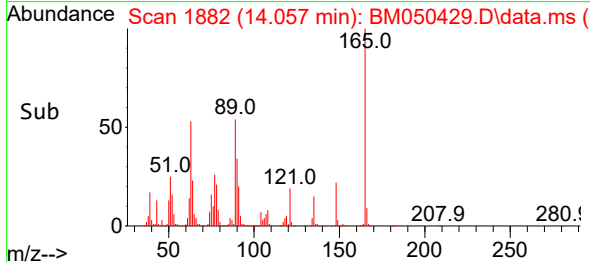
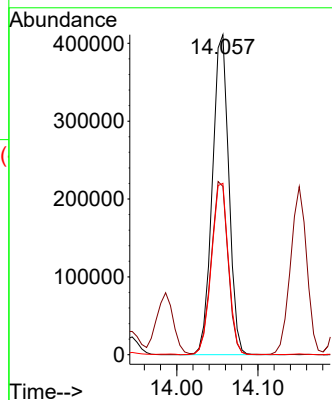
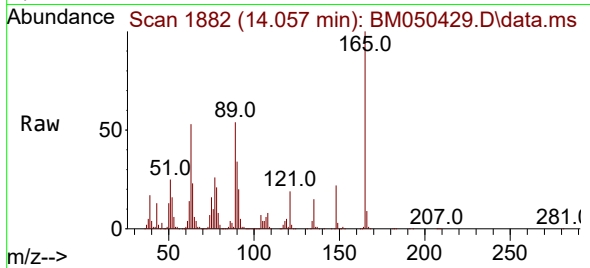




#51
2,6-Dinitrotoluene
Concen: 42.250 ng
RT: 14.057 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

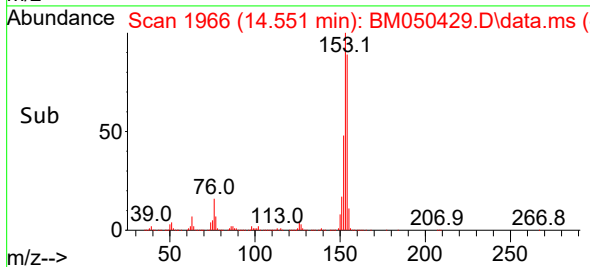
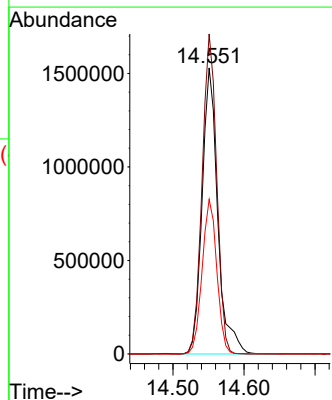
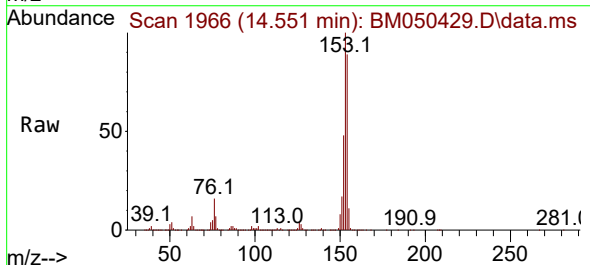
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

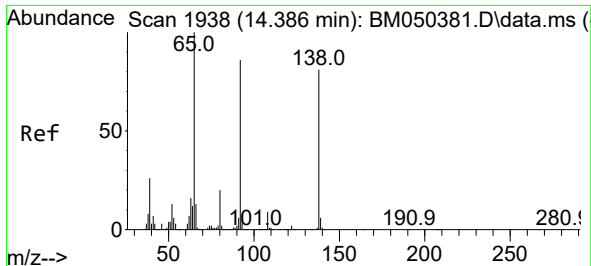
Tgt Ion:165 Resp: 579111
Ion Ratio Lower Upper
165 100
63 52.6 42.4 63.6
89 53.5 42.2 63.2



#52
Acenaphthene
Concen: 39.774 ng
RT: 14.551 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion:154 Resp: 2344038
Ion Ratio Lower Upper
154 100
153 111.9 89.2 133.8
152 54.0 42.6 64.0

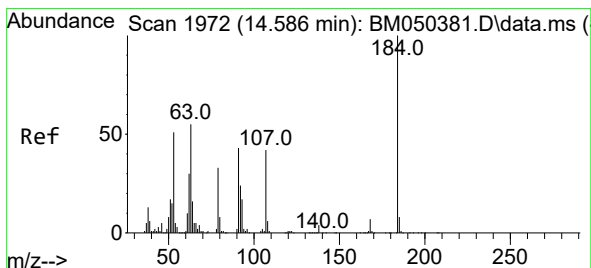
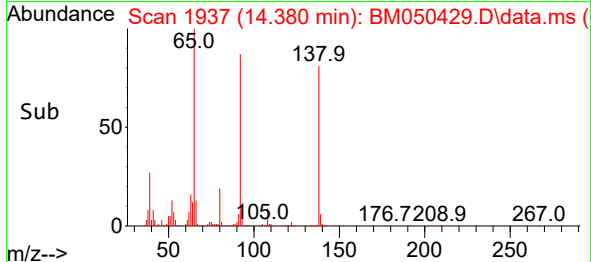
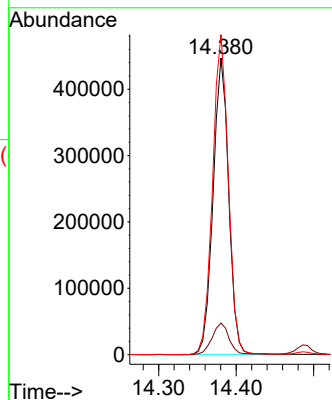
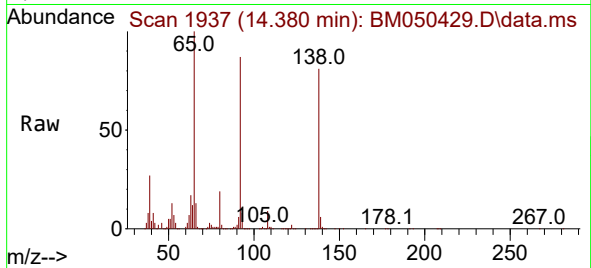




#53
3-Nitroaniline
Concen: 42.864 ng
RT: 14.380 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

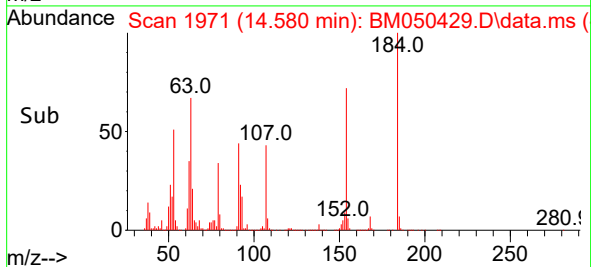
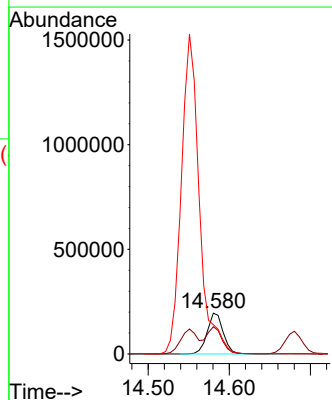
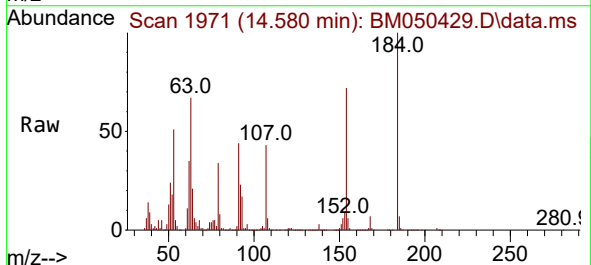
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

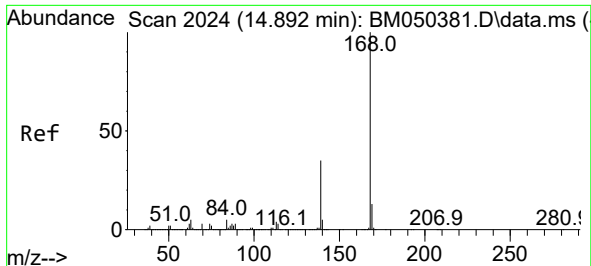
Tgt Ion:138 Resp: 624821
Ion Ratio Lower Upper
138 100
108 10.7 8.8 13.2
92 107.8 85.0 127.6



#54
2,4-Dinitrophenol
Concen: 38.955 ng
RT: 14.580 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion:184 Resp: 267609
Ion Ratio Lower Upper
184 100
63 66.8 53.4 80.0
154 71.6 61.6 92.4

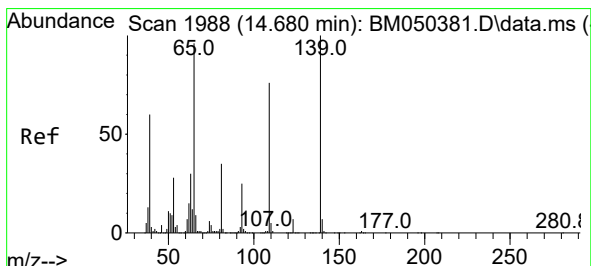
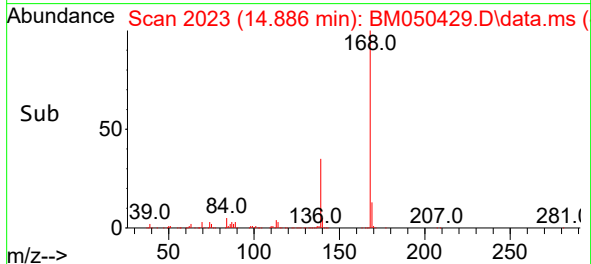
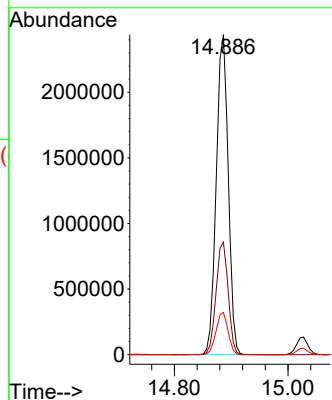
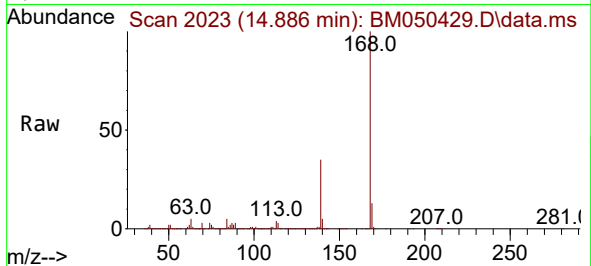




#55
Dibenzofuran
Concen: 39.114 ng
RT: 14.886 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

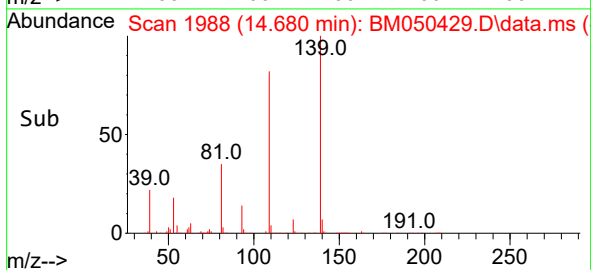
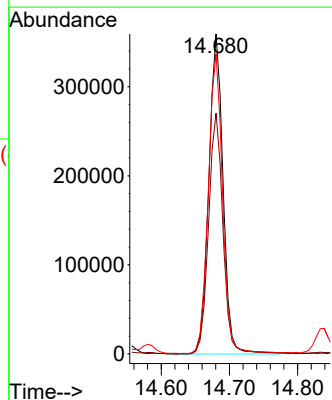
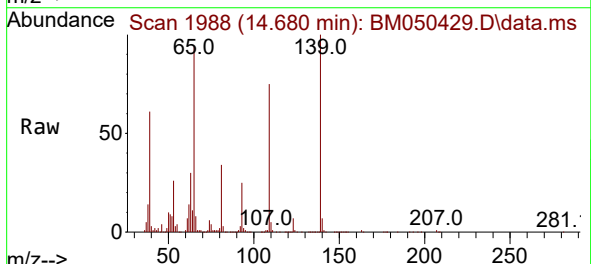
Instrument :
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ClientSampleId :
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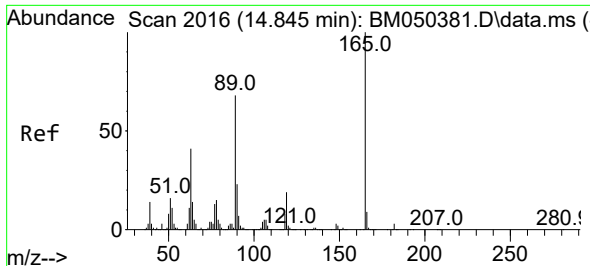
Tgt Ion:168 Resp: 3551782
Ion Ratio Lower Upper
168 100
139 35.2 27.7 41.5
169 13.2 10.7 16.1



#56
4-Nitrophenol
Concen: 41.709 ng
RT: 14.680 min Scan# 1988
Delta R.T. 0.000 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion:139 Resp: 522847
Ion Ratio Lower Upper
139 100
109 75.3 56.5 96.5
65 93.8 76.4 116.4

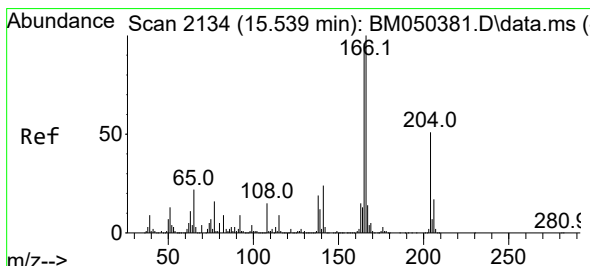
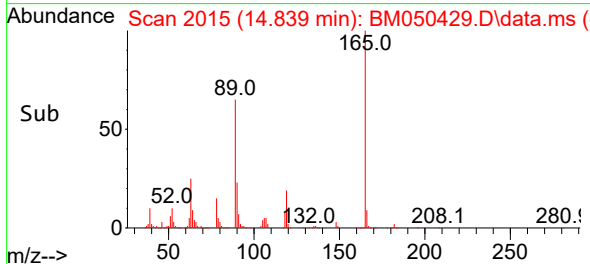
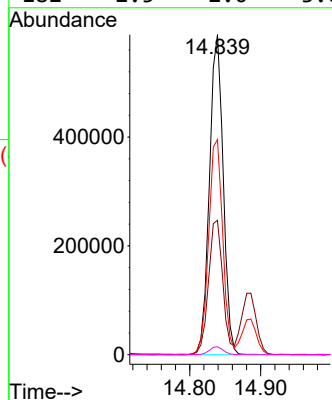
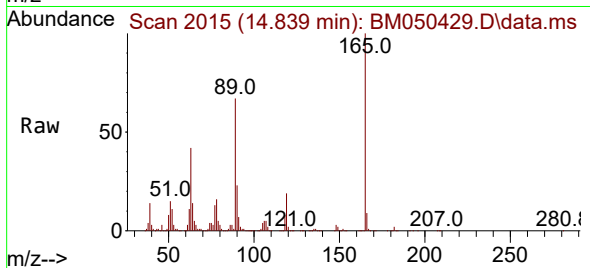




#57
2,4-Dinitrotoluene
Concen: 39.178 ng
RT: 14.839 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

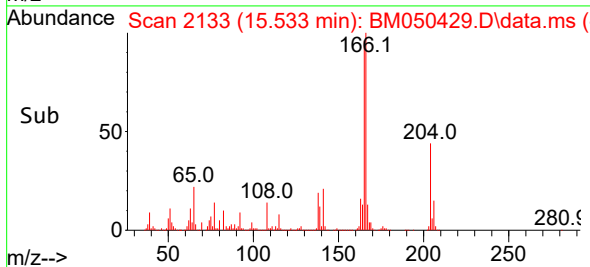
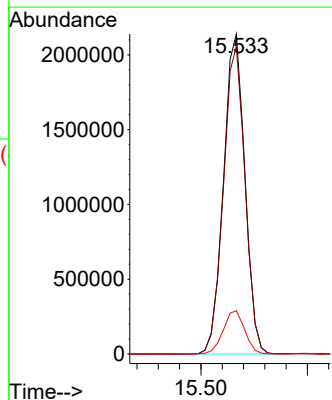
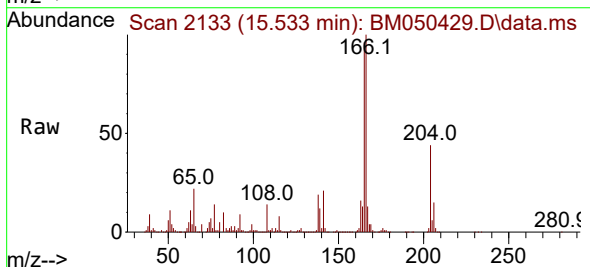
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

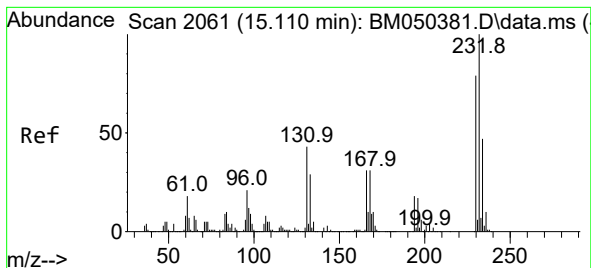
Tgt Ion:165 Resp: 792992
Ion Ratio Lower Upper
165 100
63 42.0 32.5 48.7
89 67.2 54.0 81.0
182 2.5 2.0 3.0



#58
Fluorene
Concen: 39.804 ng
RT: 15.533 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion:166 Resp: 2977081
Ion Ratio Lower Upper
166 100
165 96.2 77.0 115.6
167 13.5 10.9 16.3

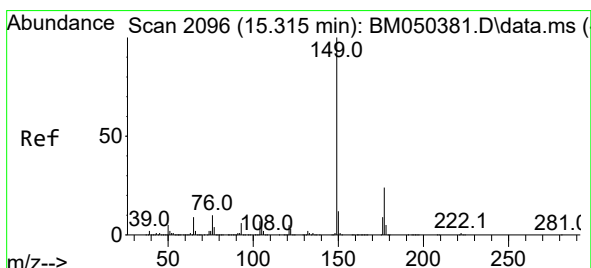
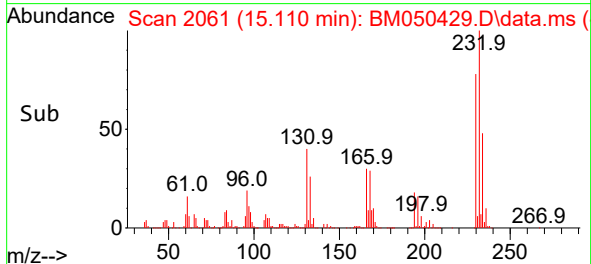
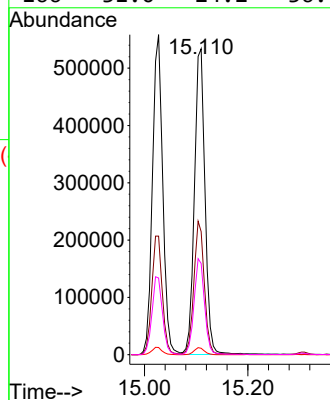
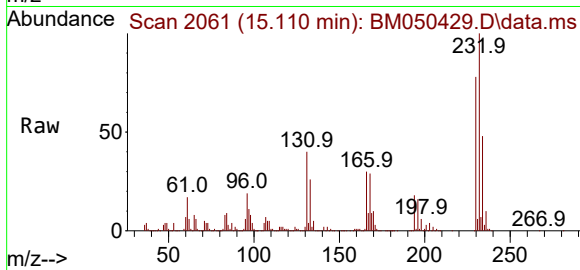




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.793 ng
RT: 15.110 min Scan# 2061
Delta R.T. 0.000 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

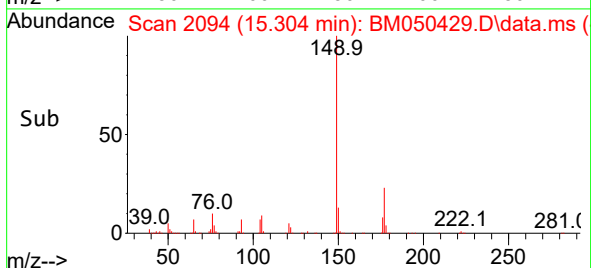
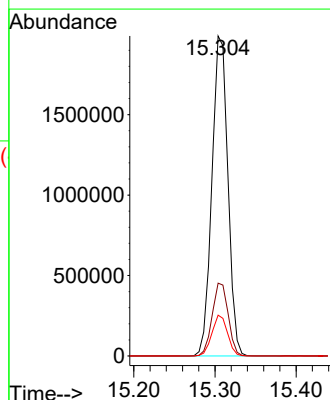
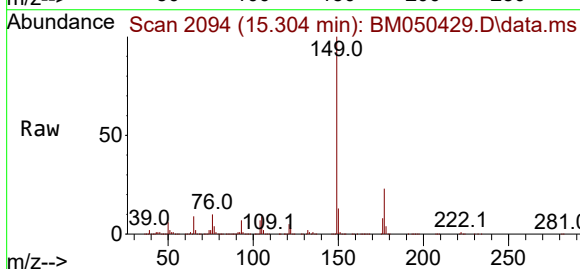
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

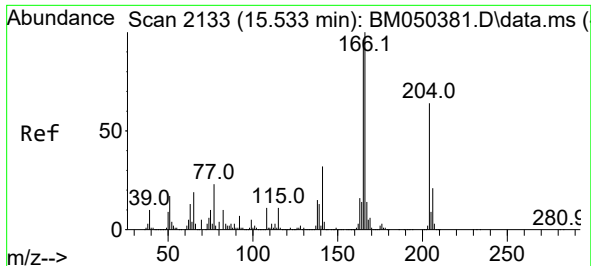
Tgt Ion:232 Resp: 761198
Ion Ratio Lower Upper
232 100
131 42.9 33.4 50.0
130 2.2 1.8 2.6
166 31.0 24.2 36.4



#60
Diethylphthalate
Concen: 39.771 ng
RT: 15.304 min Scan# 2094
Delta R.T. -0.012 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion:149 Resp: 2712046
Ion Ratio Lower Upper
149 100
177 22.8 18.8 28.2
150 12.8 9.8 14.8

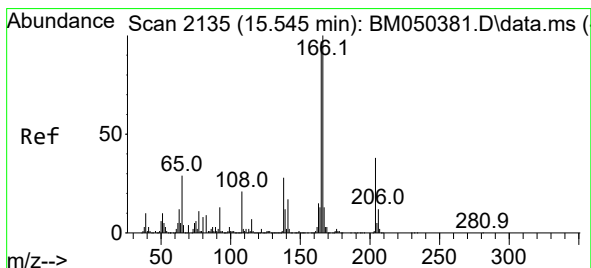
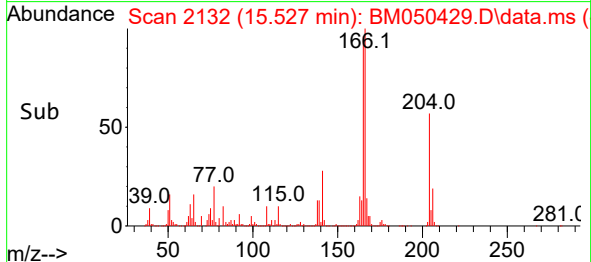
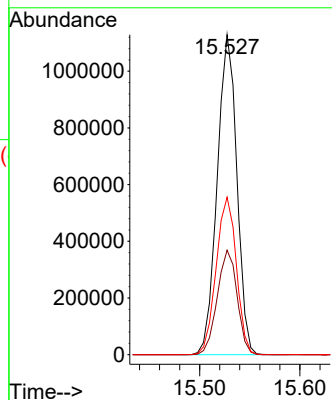
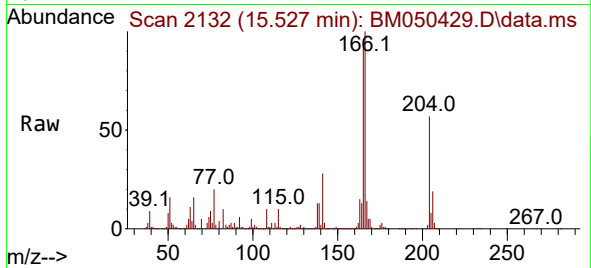




#61
4-Chlorophenyl-phenylether
Concen: 39.180 ng
RT: 15.527 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

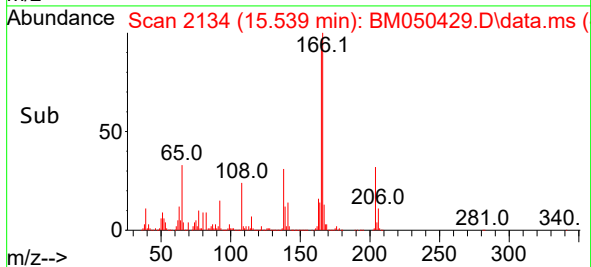
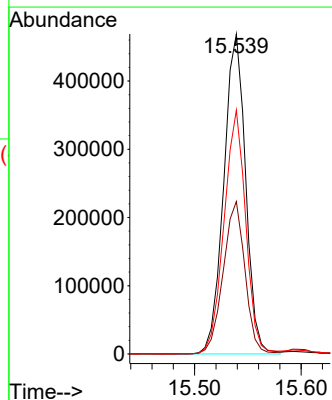
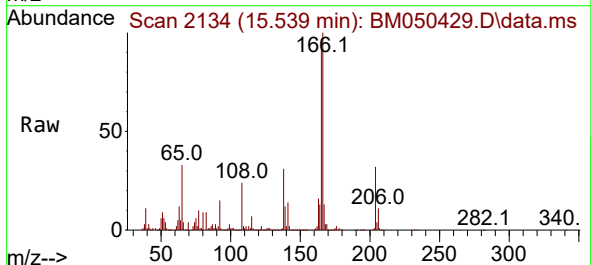
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

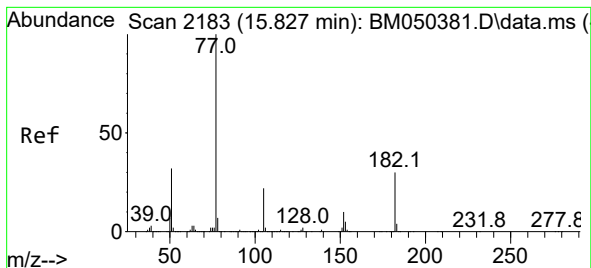
Tgt Ion:204 Resp: 1532279
Ion Ratio Lower Upper
204 100
206 32.6 26.6 39.8
141 49.2 39.9 59.9



#62
4-Nitroaniline
Concen: 40.267 ng
RT: 15.539 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion:138 Resp: 667412
Ion Ratio Lower Upper
138 100
92 47.7 24.5 64.5
108 76.2 52.5 92.5





#63

Azobenzene

Concen: 40.674 ng

RT: 15.816 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM050429.D

Acq: 14 Jul 2025 16:53

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 2546901

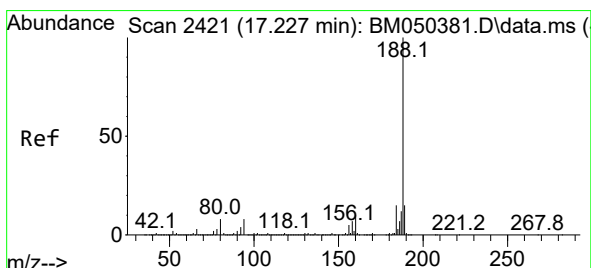
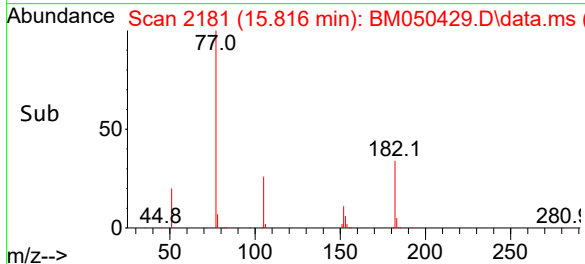
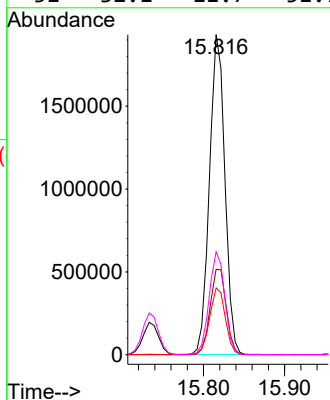
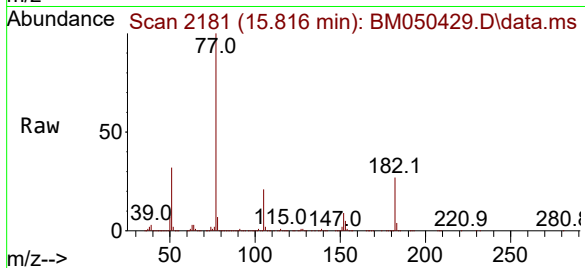
Ion Ratio Lower Upper

77 100

182 26.7 10.0 50.0

105 20.9 2.0 42.0

51 32.1 11.7 51.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.221 min Scan# 2420

Delta R.T. -0.006 min

Lab File: BM050429.D

Acq: 14 Jul 2025 16:53

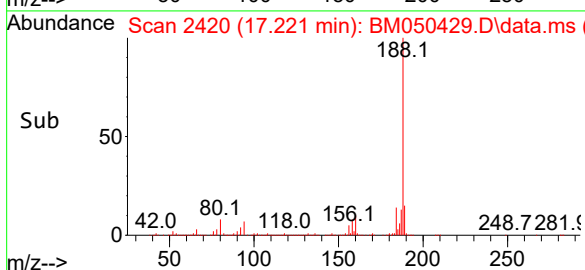
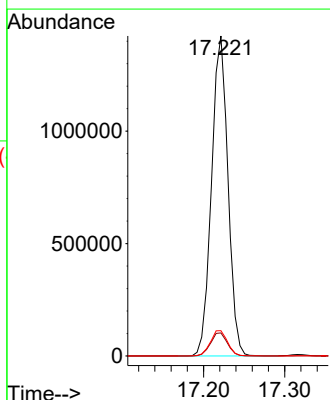
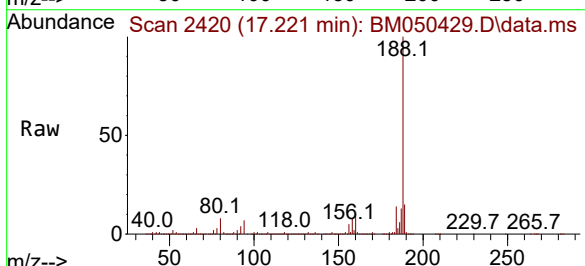
Tgt Ion:188 Resp: 1998802

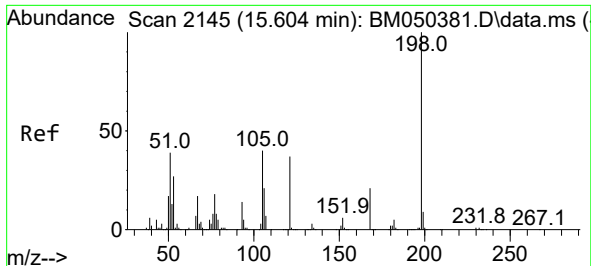
Ion Ratio Lower Upper

188 100

94 7.2 6.0 9.0

80 7.9 6.5 9.7

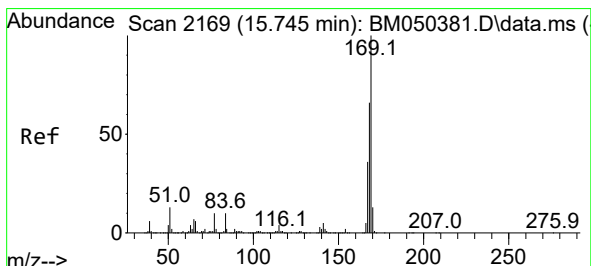
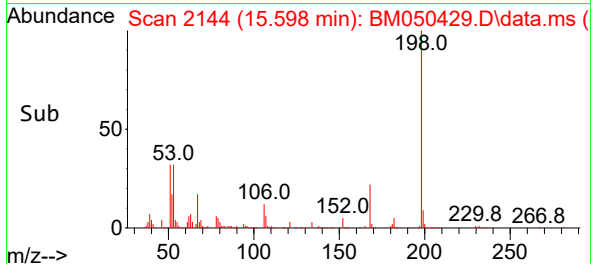
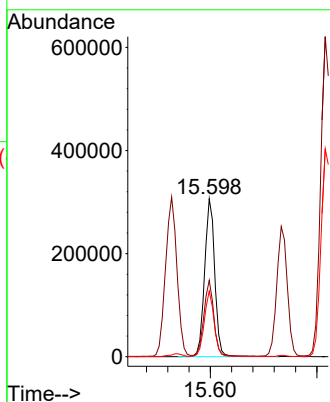
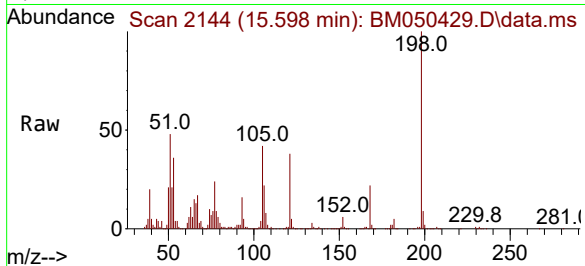




#65
4,6-Dinitro-2-methylphenol
Concen: 38.794 ng
RT: 15.598 min Scan# 2144
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

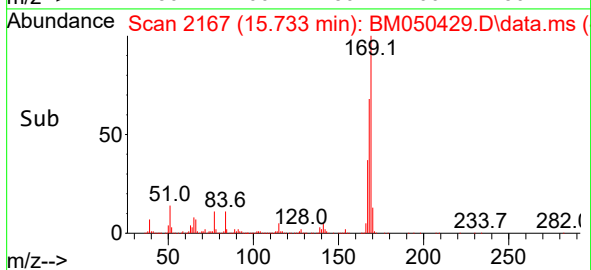
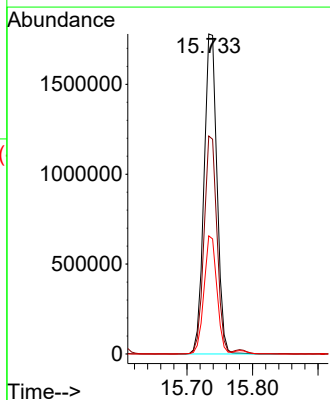
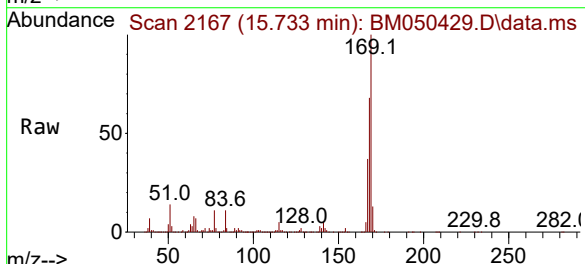
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

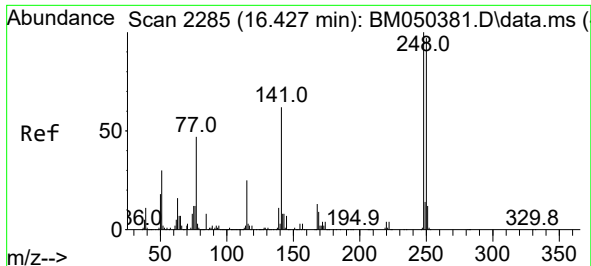
Tgt Ion:198 Resp: 401999
Ion Ratio Lower Upper
198 100
51 48.3 26.6 66.6
105 41.5 20.9 60.9



#66
n-Nitrosodiphenylamine
Concen: 39.314 ng
RT: 15.733 min Scan# 2167
Delta R.T. -0.012 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion:169 Resp: 2458928
Ion Ratio Lower Upper
169 100
168 68.1 53.2 79.8
167 36.9 28.7 43.1

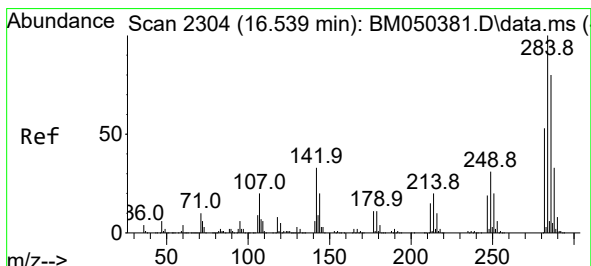
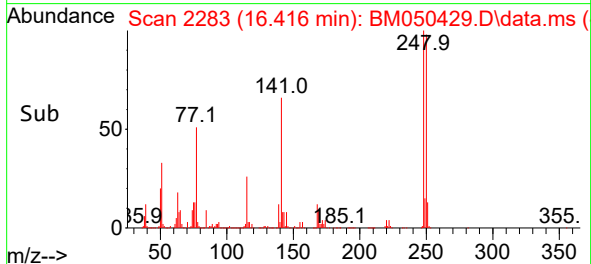
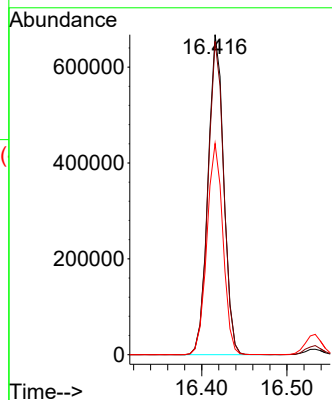
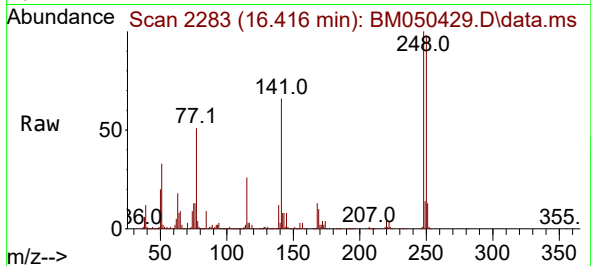




#67
4-Bromophenyl-phenylether
Concen: 39.033 ng
RT: 16.416 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

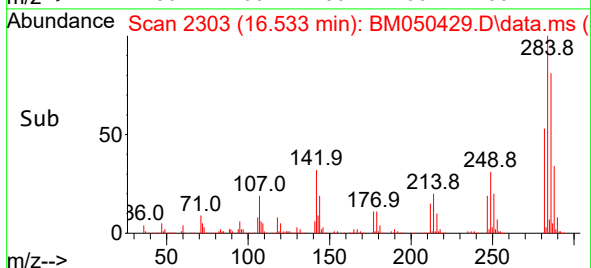
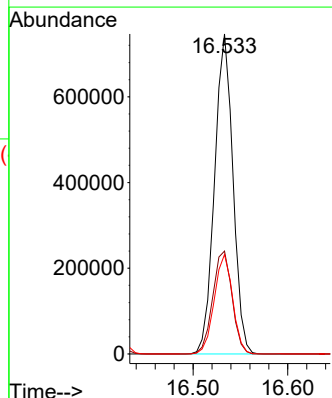
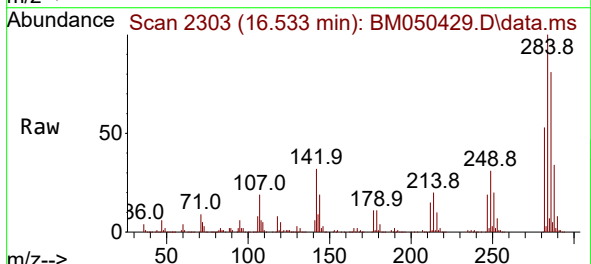
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

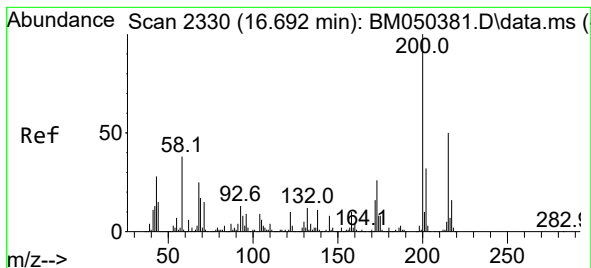
Tgt Ion:248 Resp: 859585
Ion Ratio Lower Upper
248 100
250 97.9 77.9 116.9
141 66.0 49.7 74.5



#68
Hexachlorobenzene
Concen: 38.647 ng
RT: 16.533 min Scan# 2303
Delta R.T. -0.006 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion:284 Resp: 1005198
Ion Ratio Lower Upper
284 100
142 32.2 26.8 40.2
249 31.1 24.5 36.7





#69

Atrazine

Concen: 40.910 ng

RT: 16.680 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM050429.D

Acq: 14 Jul 2025 16:53

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

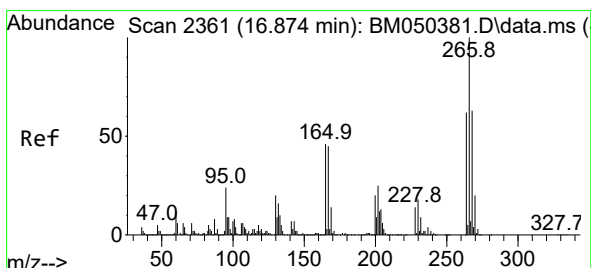
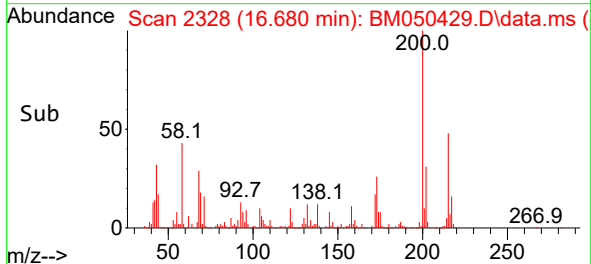
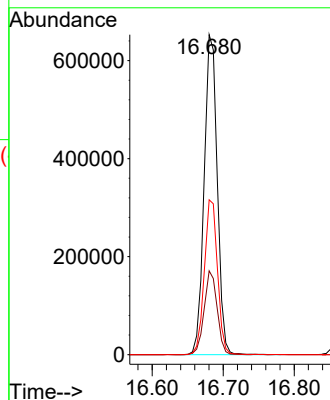
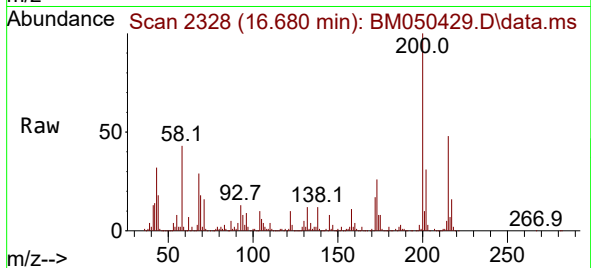
Tgt Ion:200 Resp: 840199

Ion Ratio Lower Upper

200 100

173 26.2 5.6 45.6

215 48.4 29.6 69.6



#70

Pentachlorophenol

Concen: 40.653 ng

RT: 16.868 min Scan# 2360

Delta R.T. -0.006 min

Lab File: BM050429.D

Acq: 14 Jul 2025 16:53

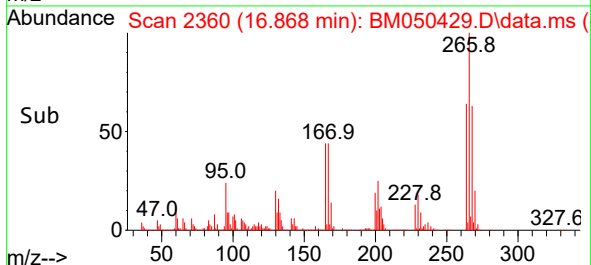
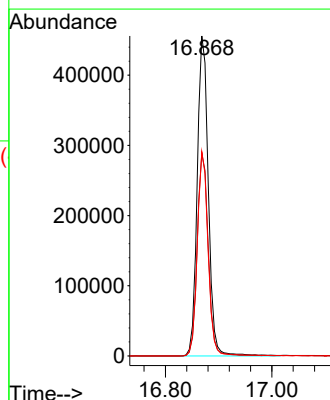
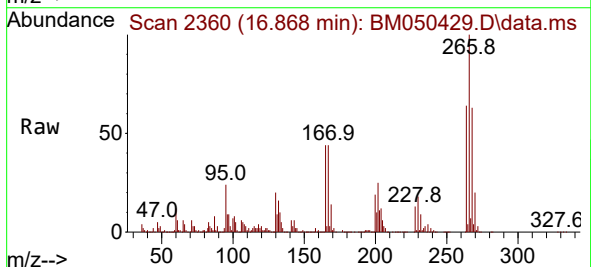
Tgt Ion:266 Resp: 658229

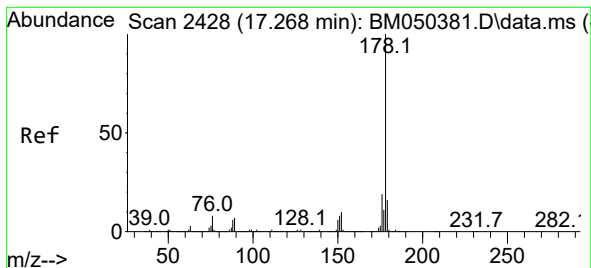
Ion Ratio Lower Upper

266 100

268 63.3 50.5 75.7

264 63.8 49.9 74.9





#71

Phenanthrene

Concen: 38.896 ng

RT: 17.263 min Scan# 2427

Delta R.T. -0.006 min

Lab File: BM050429.D

Acq: 14 Jul 2025 16:53

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

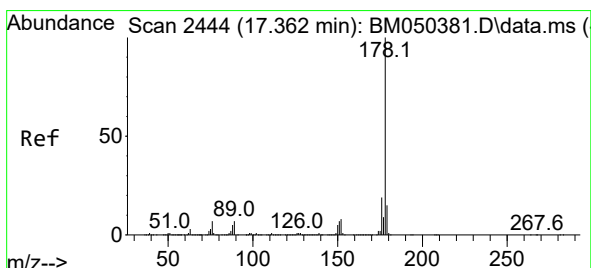
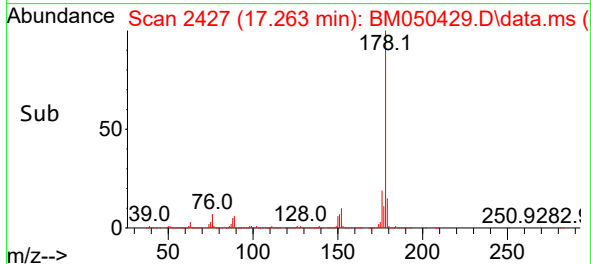
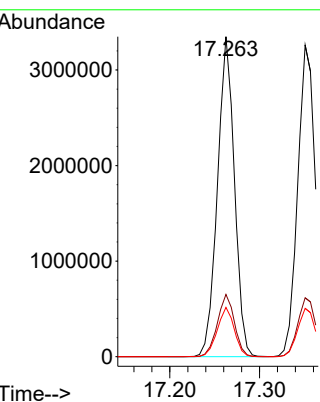
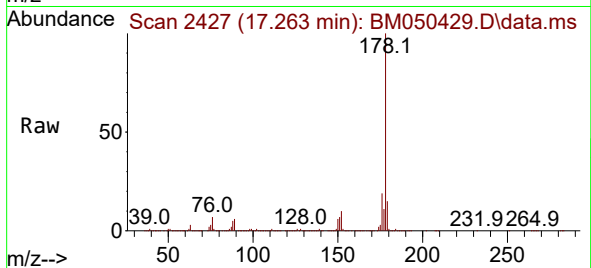
Tgt Ion:178 Resp: 4399238

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.0

179 15.4 12.5 18.7



#72

Anthracene

Concen: 39.846 ng

RT: 17.351 min Scan# 2442

Delta R.T. -0.012 min

Lab File: BM050429.D

Acq: 14 Jul 2025 16:53

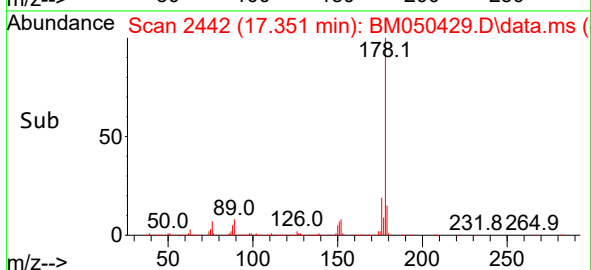
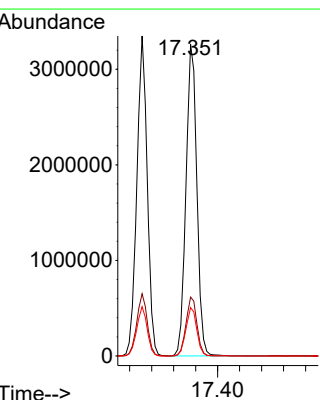
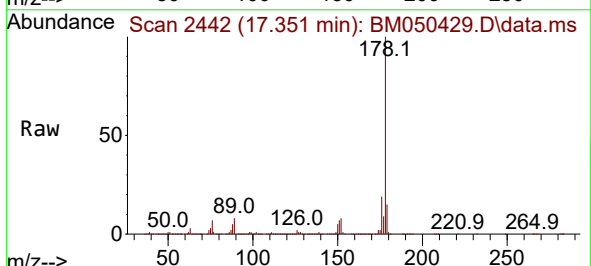
Tgt Ion:178 Resp: 4486017

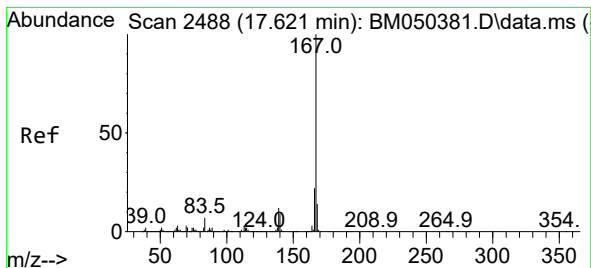
Ion Ratio Lower Upper

178 100

176 18.9 14.9 22.3

179 15.5 12.2 18.4





#73

Carbazole

Concen: 40.769 ng

RT: 17.615 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM050429.D

Acq: 14 Jul 2025 16:53

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

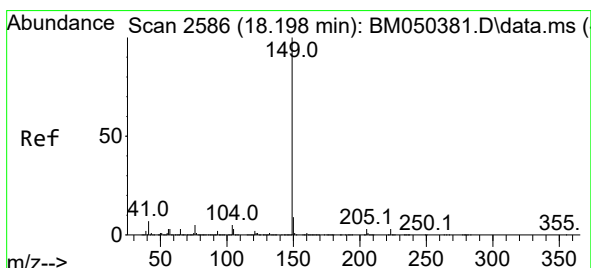
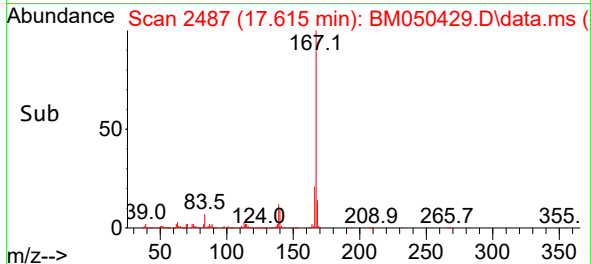
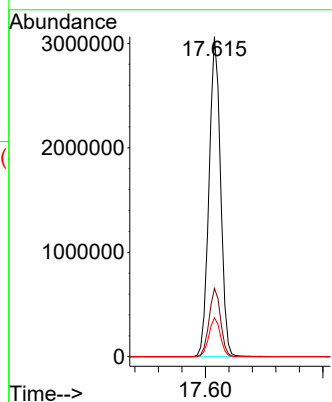
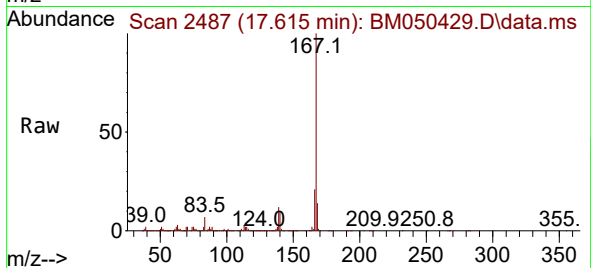
Tgt Ion:167 Resp: 4153041

Ion Ratio Lower Upper

167 100

166 21.3 17.2 25.8

139 12.1 9.9 14.9



#74

Di-n-butylphthalate

Concen: 41.275 ng

RT: 18.186 min Scan# 2584

Delta R.T. -0.012 min

Lab File: BM050429.D

Acq: 14 Jul 2025 16:53

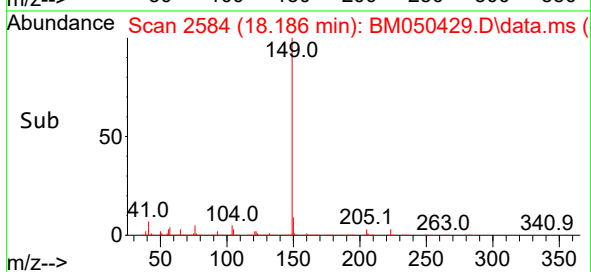
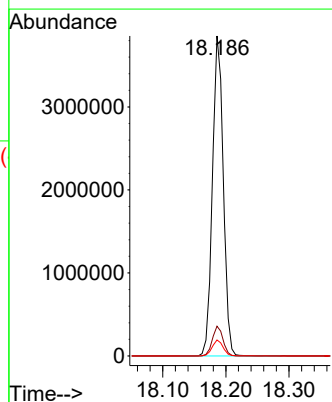
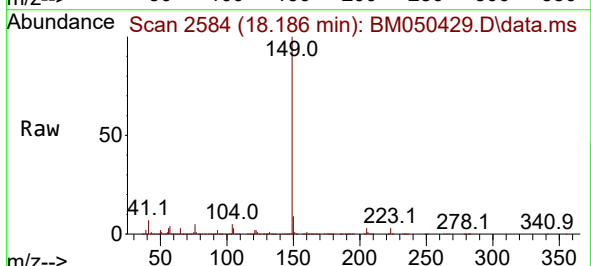
Tgt Ion:149 Resp: 4602132

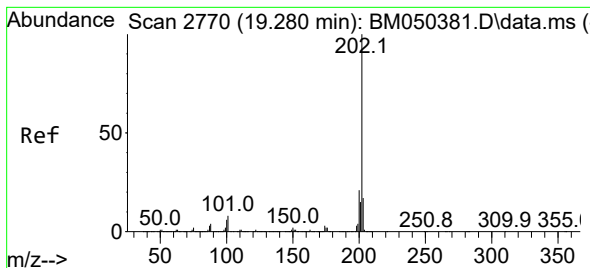
Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

104 5.0 3.9 5.9





#75

Fluoranthene

Concen: 40.753 ng

RT: 19.268 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM050429.D

Acq: 14 Jul 2025 16:53

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

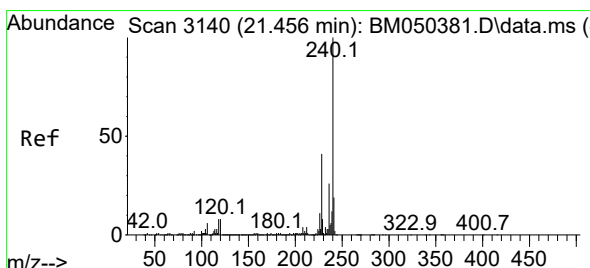
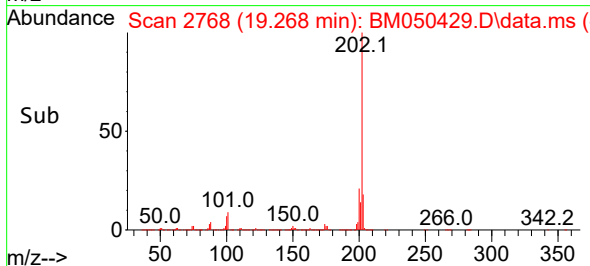
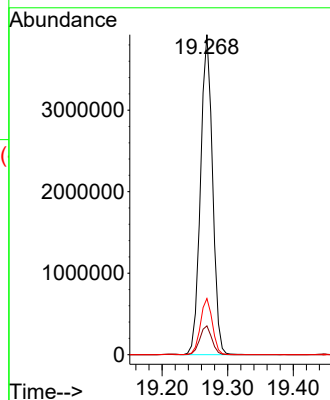
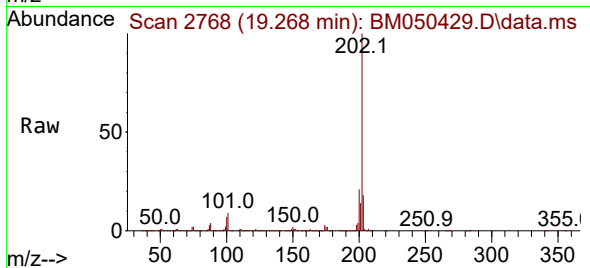
Tgt Ion:202 Resp: 5010785

Ion Ratio Lower Upper

202 100

101 9.0 0.0 28.3

203 17.5 0.0 37.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.445 min Scan# 3138

Delta R.T. -0.012 min

Lab File: BM050429.D

Acq: 14 Jul 2025 16:53

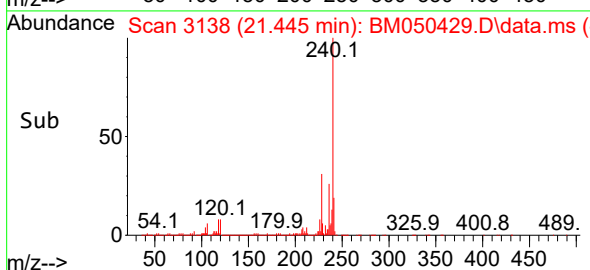
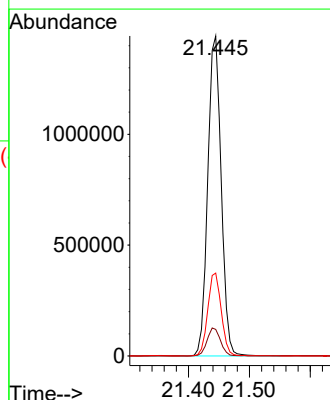
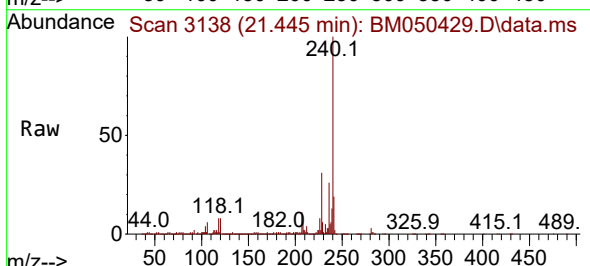
Tgt Ion:240 Resp: 2212244

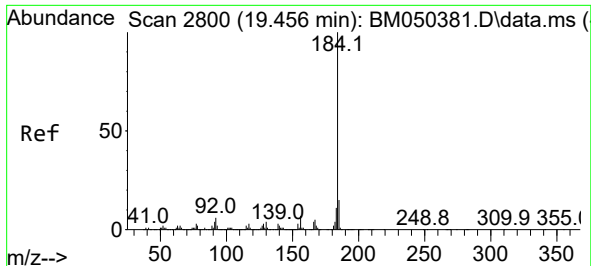
Ion Ratio Lower Upper

240 100

120 8.3 6.7 10.1

236 25.9 20.7 31.1

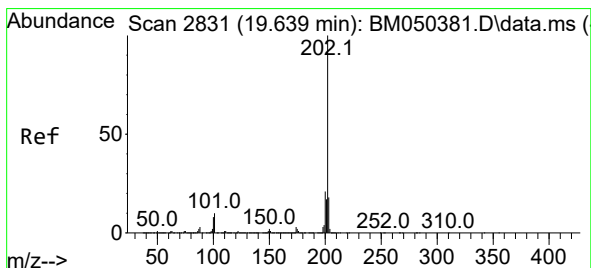
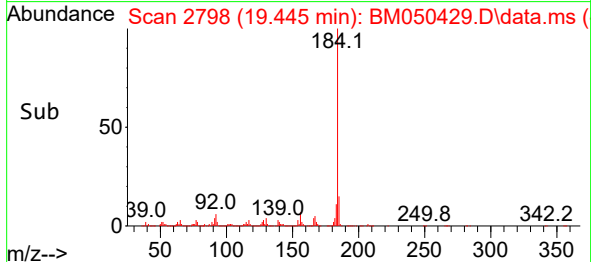
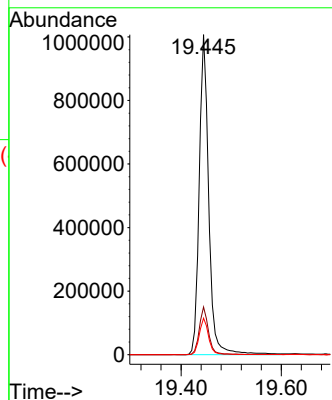
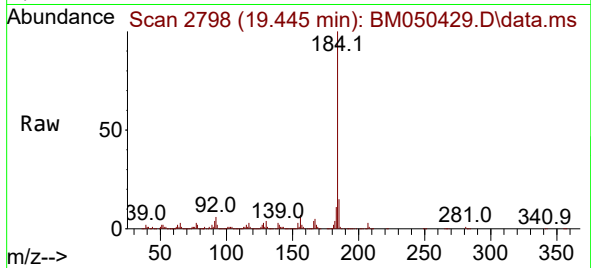




#77
Benzidine
Concen: 23.465 ng
RT: 19.445 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

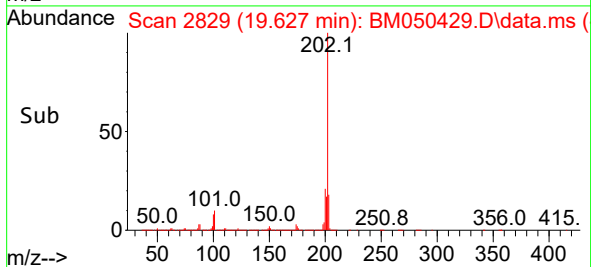
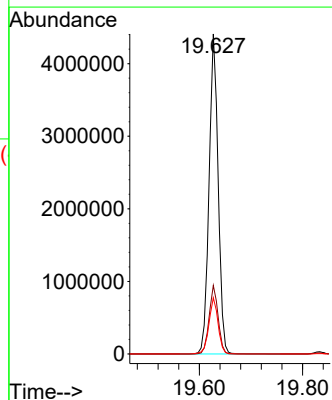
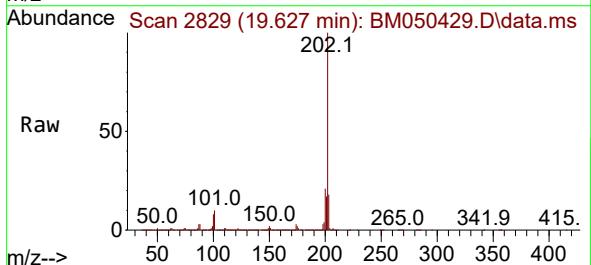
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

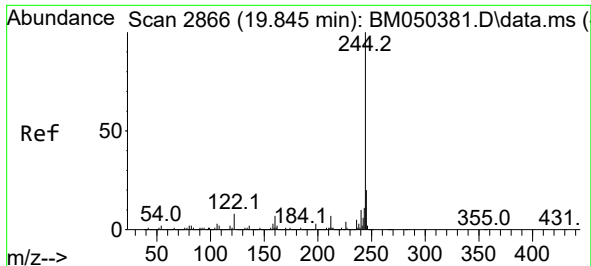
Tgt Ion:184 Resp: 1324060
Ion Ratio Lower Upper
184 100
185 14.9 11.7 17.5
183 11.4 9.0 13.6



#78
Pyrene
Concen: 37.888 ng
RT: 19.627 min Scan# 2829
Delta R.T. -0.012 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion:202 Resp: 5368083
Ion Ratio Lower Upper
202 100
200 21.4 16.9 25.3
203 17.5 14.1 21.1

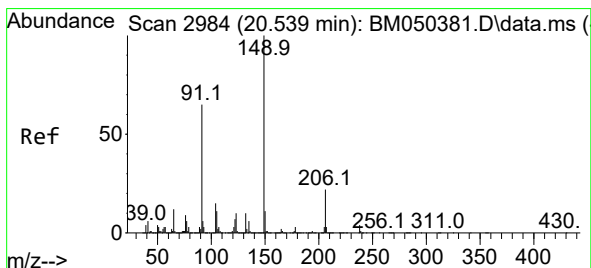
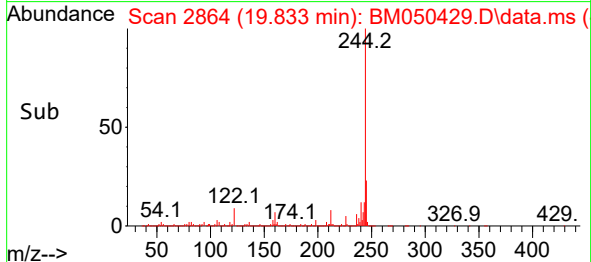
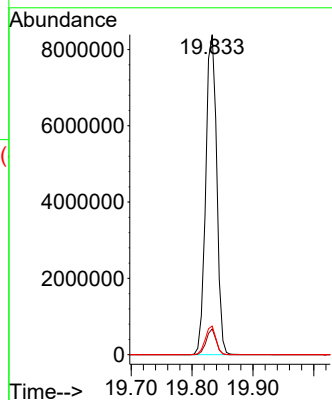
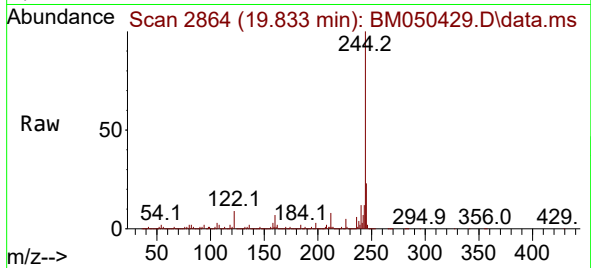




#79
 Terphenyl-d14
 Concen: 83.219 ng
 RT: 19.833 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM050429.D
 Acq: 14 Jul 2025 16:53

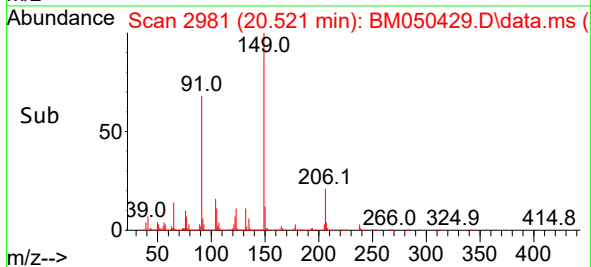
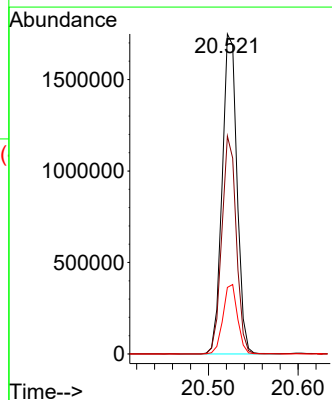
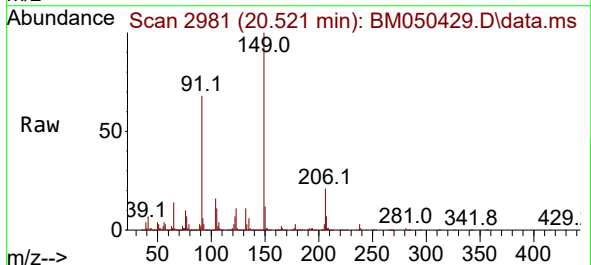
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

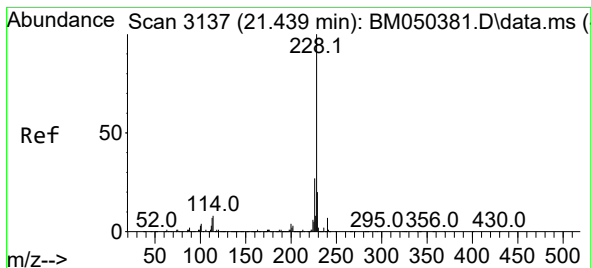
Tgt Ion:244 Resp:10463512
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.7 8.5
 122 8.9 6.2 9.2



#80
 Butylbenzylphthalate
 Concen: 42.873 ng
 RT: 20.521 min Scan# 2981
 Delta R.T. -0.017 min
 Lab File: BM050429.D
 Acq: 14 Jul 2025 16:53

Tgt Ion:149 Resp: 2002932
 Ion Ratio Lower Upper
 149 100
 91 68.1 51.6 77.4
 206 20.8 17.8 26.8





#81

Benzo(a)anthracene

Concen: 39.905 ng

RT: 21.427 min Scan# 3135

Delta R.T. -0.012 min

Lab File: BM050429.D

Acq: 14 Jul 2025 16:53

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

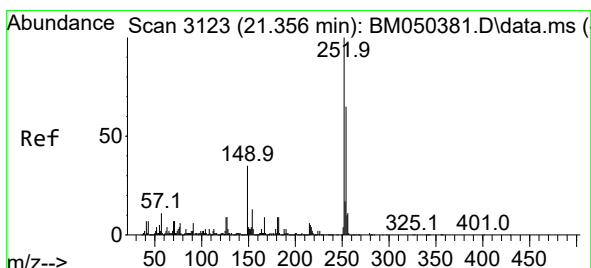
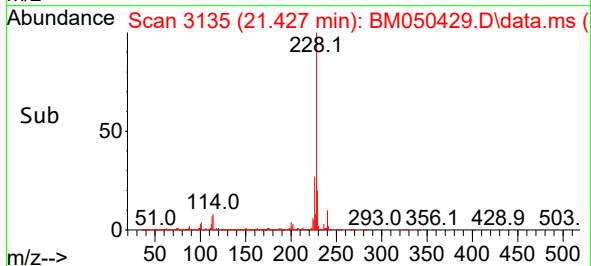
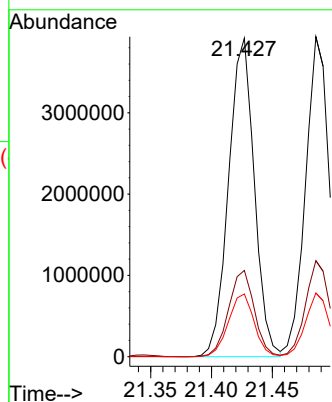
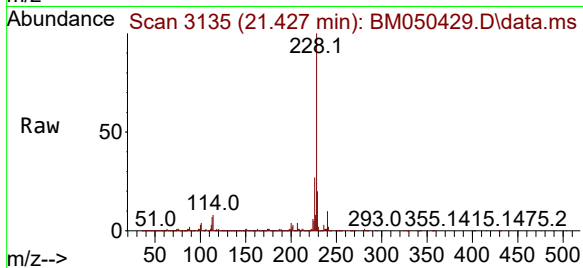
Tgt Ion:228 Resp: 5752101

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.8

229 19.7 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 38.750 ng

RT: 21.345 min Scan# 3121

Delta R.T. -0.012 min

Lab File: BM050429.D

Acq: 14 Jul 2025 16:53

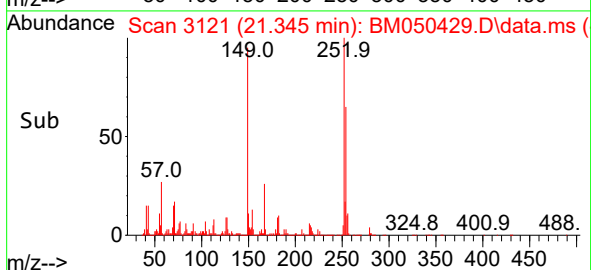
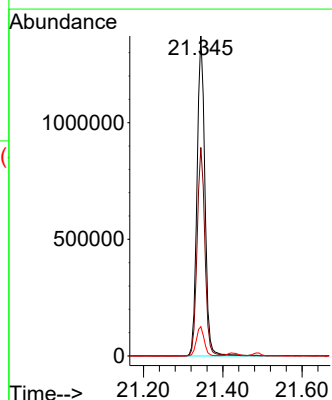
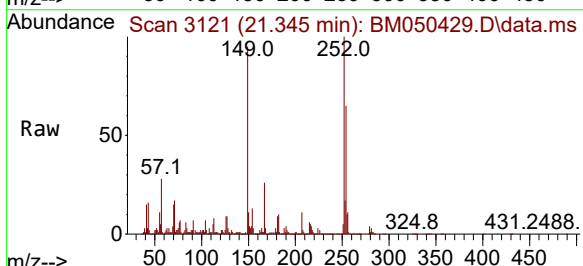
Tgt Ion:252 Resp: 1883647

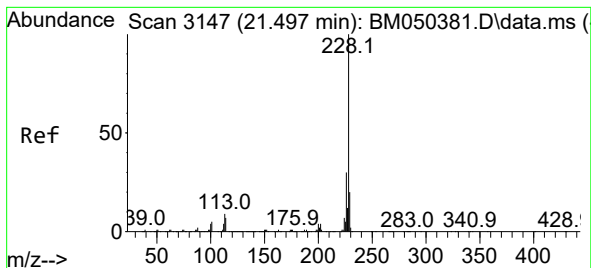
Ion Ratio Lower Upper

252 100

254 65.2 51.7 77.5

126 9.1 7.3 10.9





#83

Chrysene

Concen: 39.487 ng

RT: 21.486 min Scan# 3145

Delta R.T. -0.012 min

Lab File: BM050429.D

Acq: 14 Jul 2025 16:53

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

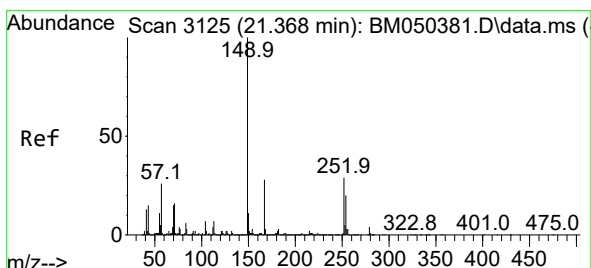
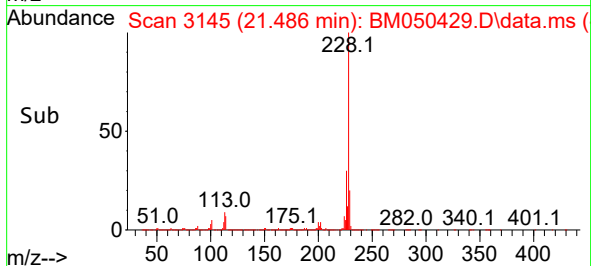
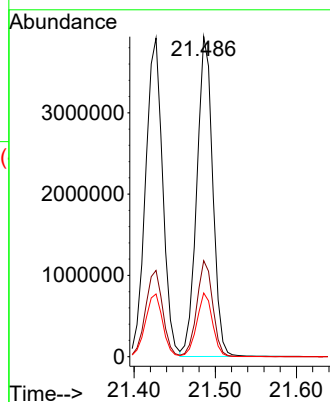
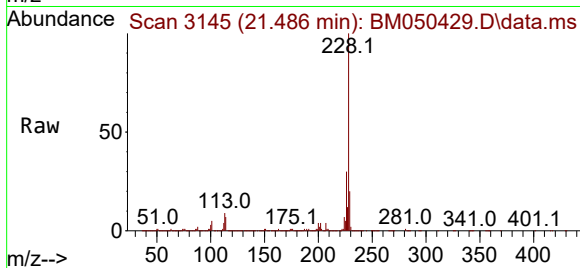
Tgt Ion:228 Resp: 5368548

Ion Ratio Lower Upper

228 100

226 30.0 24.2 36.4

229 19.9 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.607 ng

RT: 21.356 min Scan# 3123

Delta R.T. -0.012 min

Lab File: BM050429.D

Acq: 14 Jul 2025 16:53

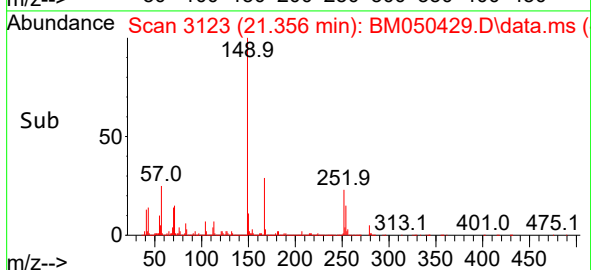
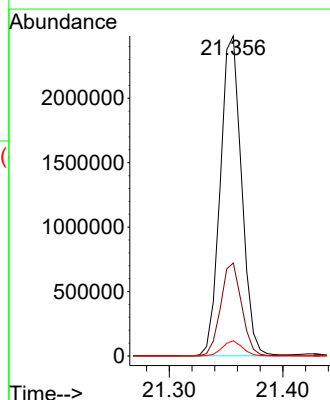
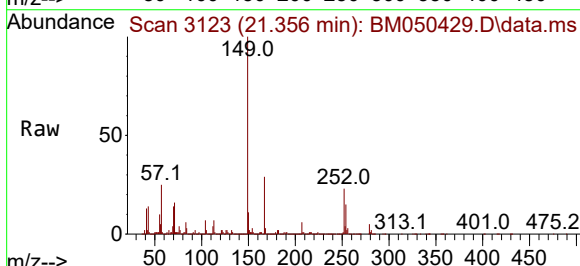
Tgt Ion:149 Resp: 3234021

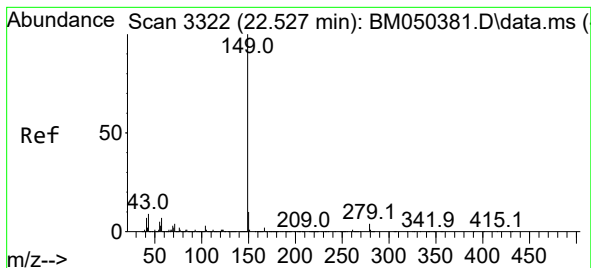
Ion Ratio Lower Upper

149 100

167 29.0 22.7 34.1

279 4.8 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 43.719 ng

RT: 22.503 min Scan# 31

Delta R.T. -0.023 min

Lab File: BM050429.D

Acq: 14 Jul 2025 16:53

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

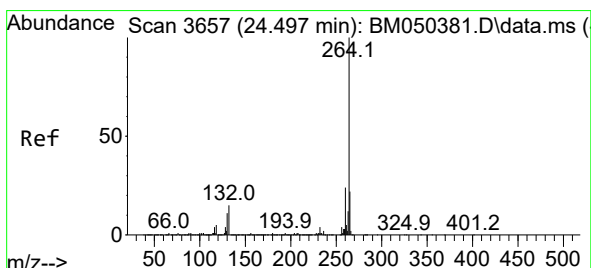
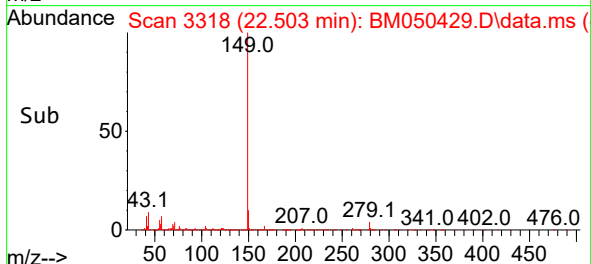
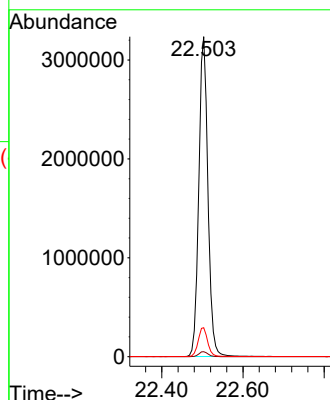
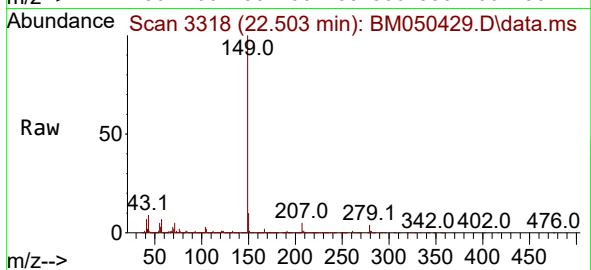
Tgt Ion:149 Resp: 5078142

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.4 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.474 min Scan# 3653

Delta R.T. -0.023 min

Lab File: BM050429.D

Acq: 14 Jul 2025 16:53

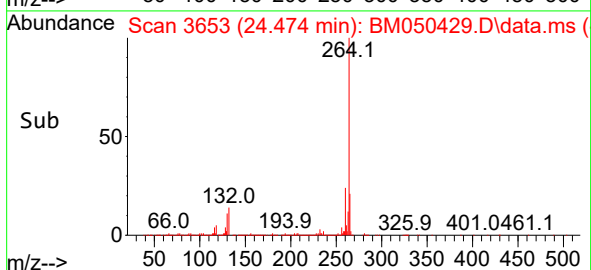
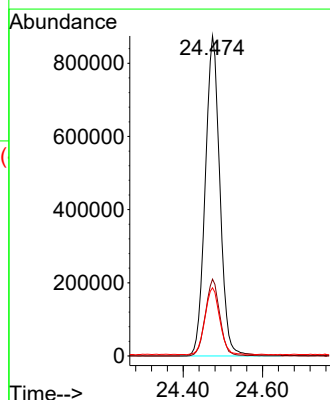
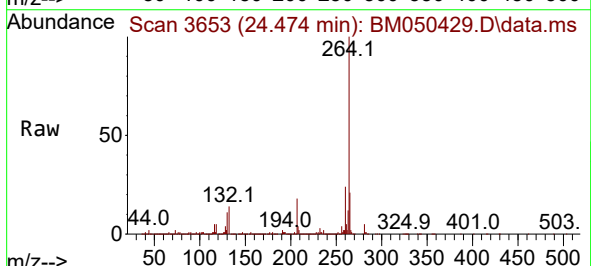
Tgt Ion:264 Resp: 2243965

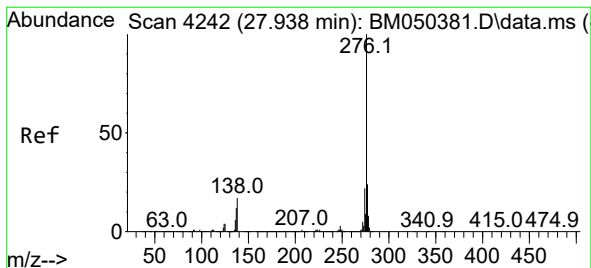
Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.3 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.924 ng

RT: 27.915 min Scan# 41

Delta R.T. -0.023 min

Lab File: BM050429.D

Acq: 14 Jul 2025 16:53

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

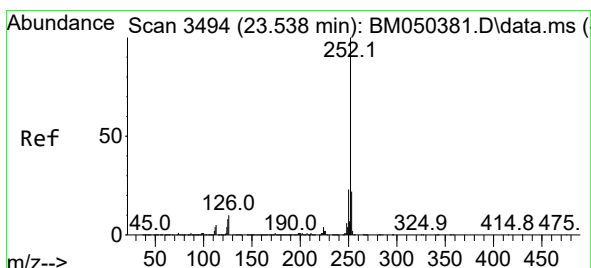
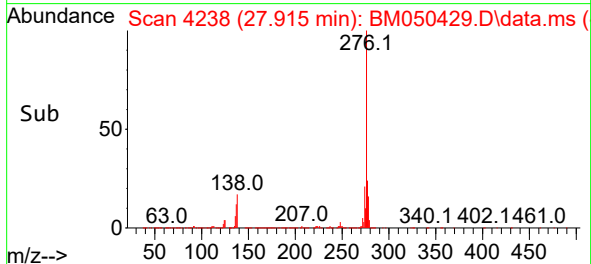
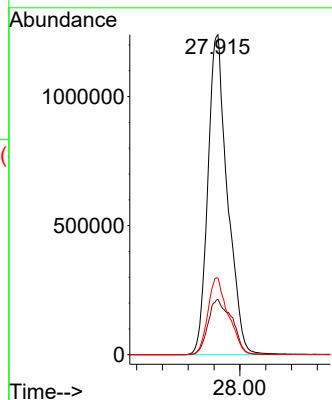
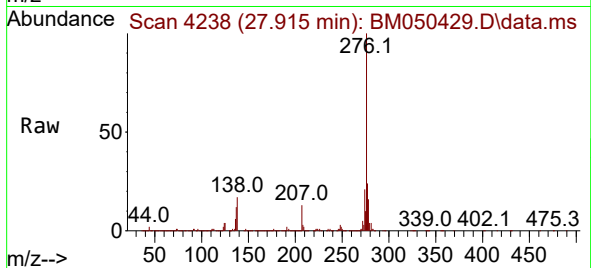
Tgt Ion:276 Resp: 6529221

Ion Ratio Lower Upper

276 100

138 21.1 17.0 25.6

277 25.1 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 39.820 ng

RT: 23.515 min Scan# 3490

Delta R.T. -0.023 min

Lab File: BM050429.D

Acq: 14 Jul 2025 16:53

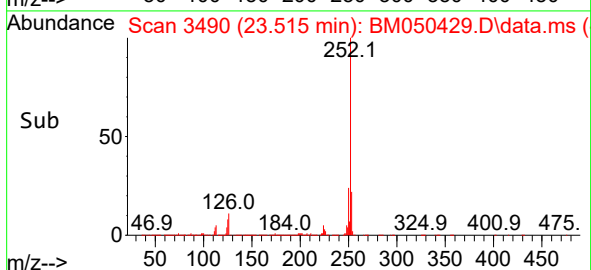
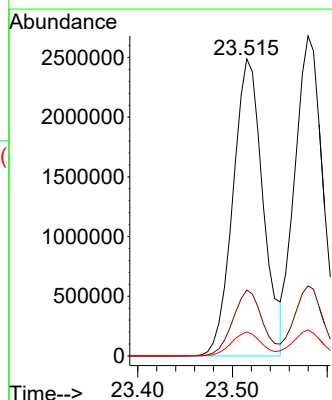
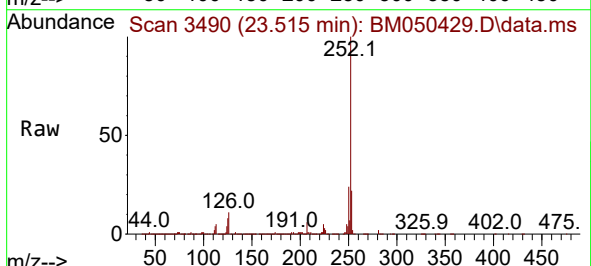
Tgt Ion:252 Resp: 5496193

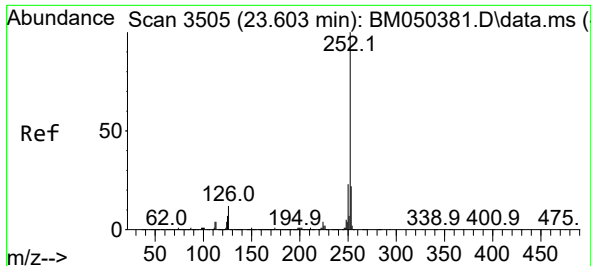
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 8.1 6.3 9.5

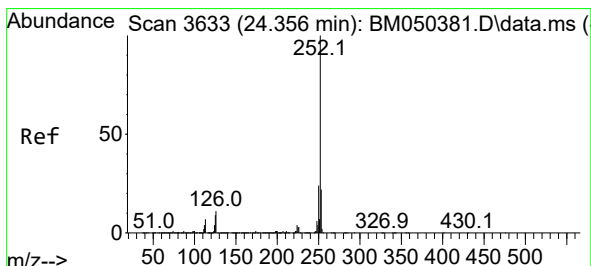
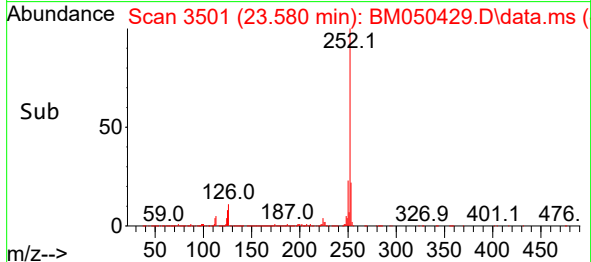
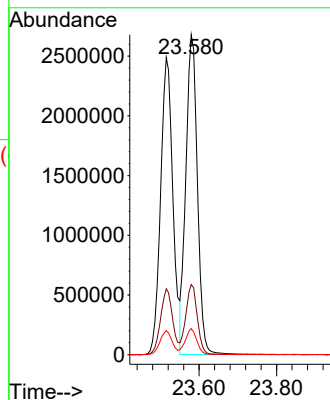
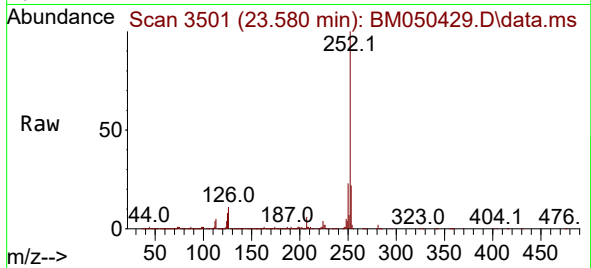




#89
Benzo(k)fluoranthene
Concen: 38.728 ng
RT: 23.580 min Scan# 31
Delta R.T. -0.023 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

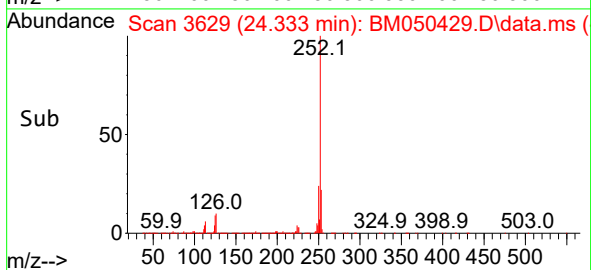
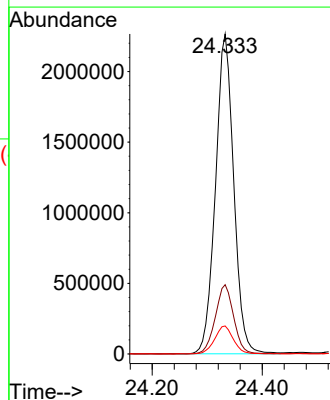
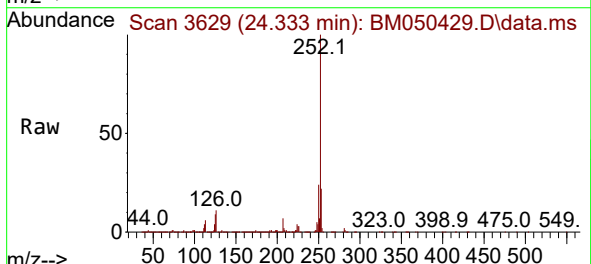
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

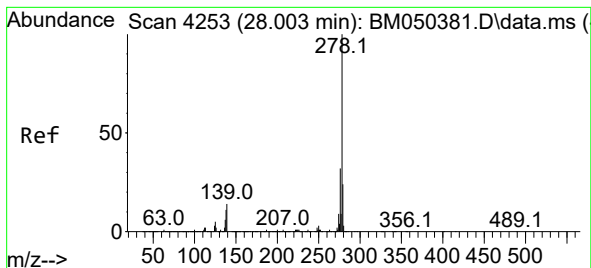
Tgt Ion:252 Resp: 5546638
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 8.2 6.2 9.2



#90
Benzo(a)pyrene
Concen: 40.414 ng
RT: 24.333 min Scan# 3629
Delta R.T. -0.023 min
Lab File: BM050429.D
Acq: 14 Jul 2025 16:53

Tgt Ion:252 Resp: 5221766
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.6
125 8.7 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 40.853 ng

RT: 27.968 min Scan# 41

Delta R.T. -0.035 min

Lab File: BM050429.D

Acq: 14 Jul 2025 16:53

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

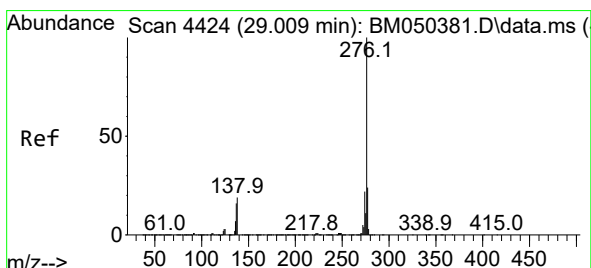
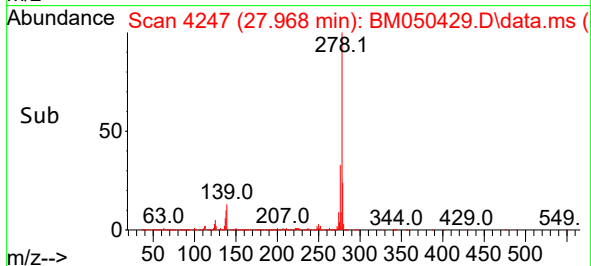
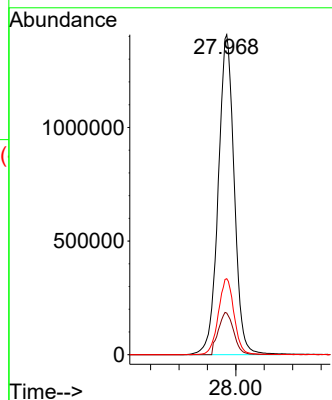
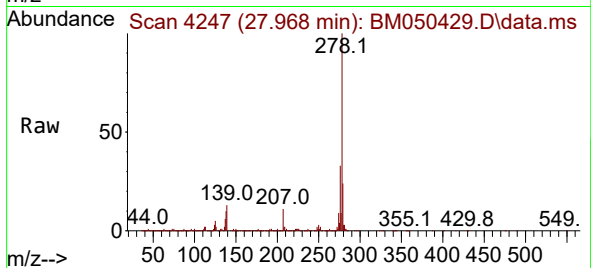
Tgt Ion:278 Resp: 5489209

Ion Ratio Lower Upper

278 100

139 13.0 10.8 16.2

279 23.8 19.4 29.0



#92

Benzo(g,h,i)perylene

Concen: 40.712 ng

RT: 28.979 min Scan# 4419

Delta R.T. -0.029 min

Lab File: BM050429.D

Acq: 14 Jul 2025 16:53

Tgt Ion:276 Resp: 5170029

Ion Ratio Lower Upper

276 100

277 23.7 19.1 28.7

138 17.5 14.9 22.3

