

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
 Data File : BM050433.D
 Acq On : 14 Jul 2025 19:34
 Operator : RC/JU
 Sample : PB168820BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB168820BS

Quant Time: Jul 15 02:16:29 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	348266	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	1290876	20.000	ng	0.00
39) Acenaphthene-d10	14.486	164	792227	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	1449594	20.000	ng	0.00
76) Chrysene-d12	21.439	240	1567426	20.000	ng	-0.02
86) Perylene-d12	24.468	264	1633718	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	3344482	165.302	ng	0.00
7) Phenol-d6	7.022	99	4155161	162.914	ng	0.00
23) Nitrobenzene-d5	9.016	82	2385091	94.264	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	1624216	168.739	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	5990252	93.377	ng	0.00
79) Terphenyl-d14	19.833	244	8964533	100.628	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.334	88	352897	42.417	ng	99
3) Pyridine	3.734	79	981610	44.941	ng	99
4) n-Nitrosodimethylamine	3.640	42	524174	51.477	ng	97
6) Aniline	7.187	93	1275950	38.982	ng	100
8) 2-Chlorophenol	7.428	128	1130442	52.987	ng	99
9) Benzaldehyde	6.998	77	709456	46.760	ng	99
10) Phenol	7.051	94	1423721	53.519	ng	100
11) bis(2-Chloroethyl)ether	7.281	93	1059601	49.736	ng	100
12) 1,3-Dichlorobenzene	7.751	146	1283114	49.462	ng	98
13) 1,4-Dichlorobenzene	7.898	146	1313911	49.603	ng	99
14) 1,2-Dichlorobenzene	8.216	146	1251541	49.352	ng	99
15) Benzyl Alcohol	8.098	79	911480	50.720	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.387	45	1555684	49.575	ng	100
17) 2-Methylphenol	8.298	107	902465	52.305	ng	100
18) Hexachloroethane	8.945	117	463374	49.740	ng	98
19) n-Nitroso-di-n-propyla...	8.669	70	787963	50.997	ng	98
20) 3+4-Methylphenols	8.628	107	1202364	51.911	ng	99
22) Acetophenone	8.681	105	1654254	51.255	ng	# 98
24) Nitrobenzene	9.057	77	1162331	51.479	ng	99
25) Isophorone	9.587	82	2054546	50.041	ng	99
26) 2-Nitrophenol	9.769	139	506203	55.009	ng	99
27) 2,4-Dimethylphenol	9.828	122	1010375	51.599	ng	100
28) bis(2-Chloroethoxy)met...	10.063	93	1371017	50.394	ng	100
29) 2,4-Dichlorophenol	10.304	162	1079036	53.638	ng	98
30) 1,2,4-Trichlorobenzene	10.522	180	1202586	49.971	ng	100
31) Naphthalene	10.710	128	3296008	50.269	ng	100
32) Benzoic acid	9.945	122	575747	47.914	ng	99
33) 4-Chloroaniline	10.810	127	654732	23.620	ng	99
34) Hexachlorobutadiene	10.998	225	716936	48.810	ng	99
35) Caprolactam	11.581	113	263935	48.061	ng	97
36) 4-Chloro-3-methylphenol	11.928	107	981822	52.264	ng	99
37) 2-Methylnaphthalene	12.316	142	2117197	51.141	ng	99
38) 1-Methylnaphthalene	12.533	142	2206472	50.361	ng	100
40) 1,2,4,5-Tetrachloroben...	12.686	216	1333527	52.931	ng	99
41) Hexachlorocyclopentadiene	12.675	237	1784490	110.810	ng	99
43) 2,4,6-Trichlorophenol	12.922	196	839162	54.113	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
 Data File : BM050433.D
 Acq On : 14 Jul 2025 19:34
 Operator : RC/JU
 Sample : PB168820BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB168820BS

Quant Time: Jul 15 02:16:29 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

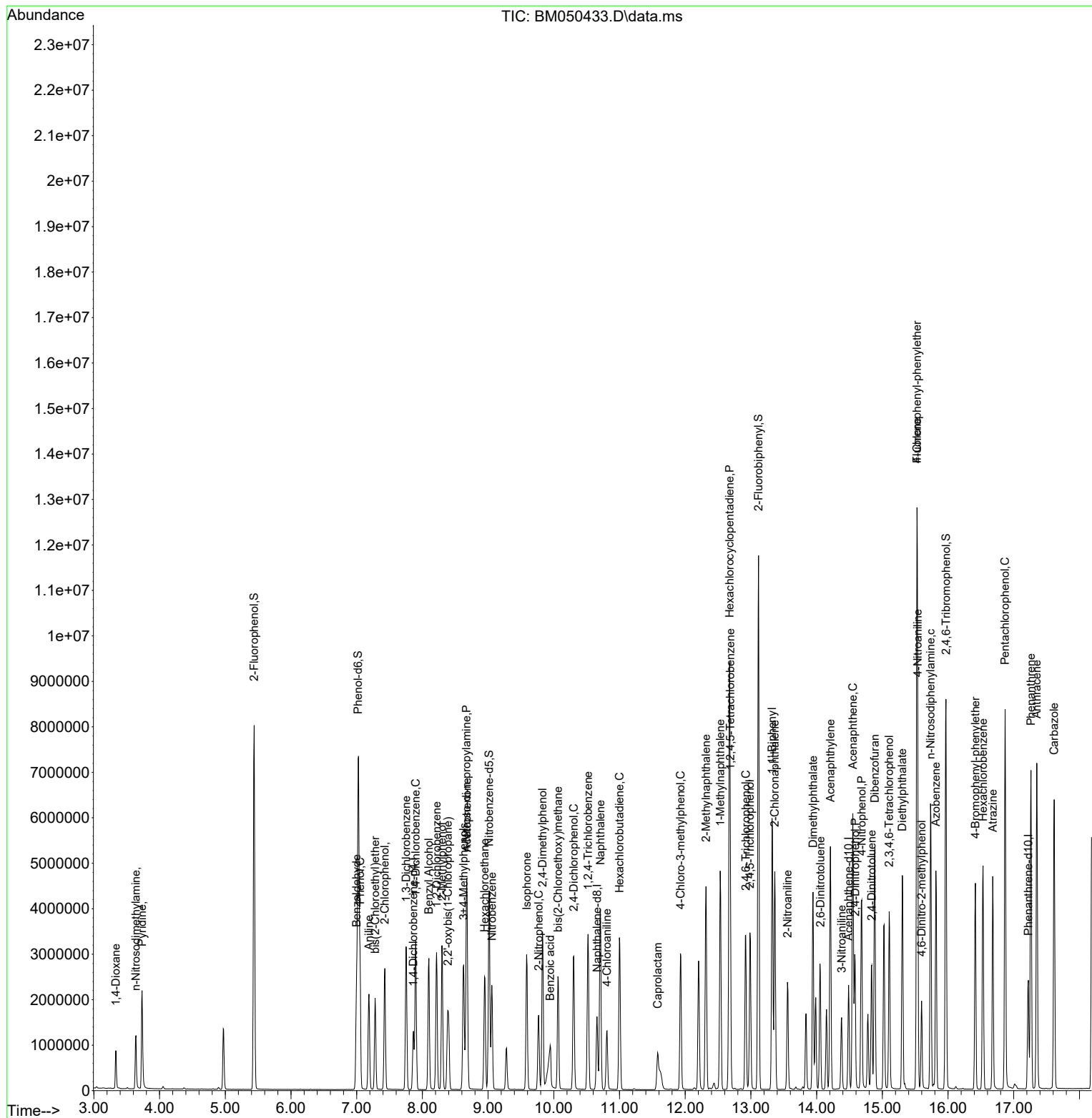
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.986	196	912441	53.875	ng	98
46) 1,1'-Biphenyl	13.322	154	3059882	52.058	ng	99
47) 2-Chloronaphthalene	13.363	162	2418230	51.601	ng	99
48) 2-Nitroaniline	13.557	65	585492	55.971	ng	98
49) Acenaphthylene	14.210	152	3725502	52.601	ng	99
50) Dimethylphthalate	13.945	163	2769562	50.778	ng	100
51) 2,6-Dinitrotoluene	14.057	165	573466	54.760	ng	97
52) Acenaphthene	14.551	154	2535484	56.309	ng	98
53) 3-Nitroaniline	14.380	138	379664	34.090	ng	98
54) 2,4-Dinitrophenol	14.586	184	601902	102.223	ng	87
55) Dibenzofuran	14.886	168	3530998	50.894	ng	99
56) 4-Nitrophenol	14.686	139	1078354	112.590	ng	94
57) 2,4-Dinitrotoluene	14.839	165	793751	50.481	ng	98
58) Fluorene	15.527	166	2942488	51.491	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.104	232	753553	52.855	ng	99
60) Diethylphthalate	15.304	149	2651472	50.891	ng	99
61) 4-Chlorophenyl-phenyle...	15.527	204	1514397	50.681	ng	99
62) 4-Nitroaniline	15.539	138	616949	48.174	ng	96
63) Azobenzene	15.816	77	2487435	51.993	ng	97
65) 4,6-Dinitro-2-methylph...	15.598	198	389215	49.680	ng	98
66) n-Nitrosodiphenylamine	15.733	169	2415663	53.255	ng	99
67) 4-Bromophenyl-phenylether	16.416	248	836137	52.353	ng	98
68) Hexachlorobenzene	16.533	284	982766	52.100	ng	98
69) Atrazine	16.680	200	801913	53.839	ng	98
70) Pentachlorophenol	16.868	266	1361627	115.957	ng	99
71) Phenanthrene	17.263	178	4222371	51.476	ng	99
72) Anthracene	17.351	178	4291168	52.556	ng	100
73) Carbazole	17.615	167	3918370	53.039	ng	100
74) Di-n-butylphthalate	18.186	149	4235612	52.380	ng	100
75) Fluoranthene	19.268	202	4671011	52.382	ng	99
77) Benzidine	19.445	184	2199279	55.010	ng	99
78) Pyrene	19.627	202	5021358	50.021	ng	100
80) Butylbenzylphthalate	20.521	149	1836980	55.497	ng	98
81) Benzo(a)anthracene	21.421	228	5345971	52.345	ng	100
82) 3,3'-Dichlorobenzidine	21.345	252	1245266	36.156	ng	100
83) Chrysene	21.486	228	5052123	52.446	ng	100
84) Bis(2-ethylhexyl)phtha...	21.350	149	2876789	54.748	ng	100
85) Di-n-octyl phthalate	22.497	149	4768695	57.944	ng	99
87) Indeno(1,2,3-cd)pyrene	27.903	276	6463066	55.641	ng	100
88) Benzo(b)fluoranthene	23.515	252	5347643	53.216	ng	99
89) Benzo(k)fluoranthene	23.580	252	5518572	52.925	ng	100
90) Benzo(a)pyrene	24.327	252	5160697	54.861	ng	99
91) Dibenzo(a,h)anthracene	27.962	278	5448181	55.694	ng	99
92) Benzo(g,h,i)perylene	28.974	276	5136149	55.553	ng	100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050433.D
Acq On : 14 Jul 2025 19:34
Operator : RC/JU
Sample : PB168820BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168820BS

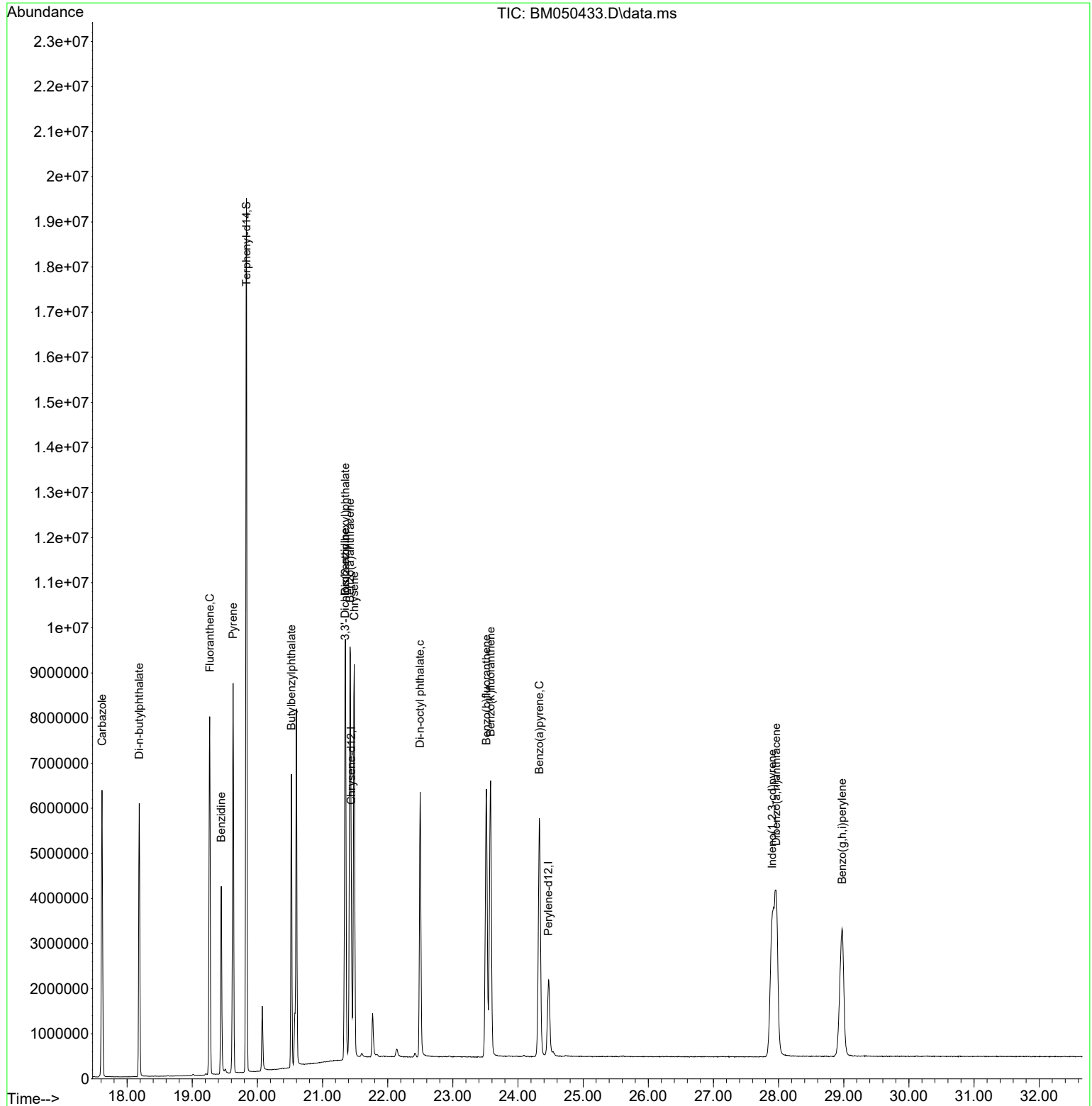
Quant Time: Jul 15 02:16:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050433.D
Acq On : 14 Jul 2025 19:34
Operator : RC/JU
Sample : PB168820BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168820BS

Quant Time: Jul 15 02:16:29 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

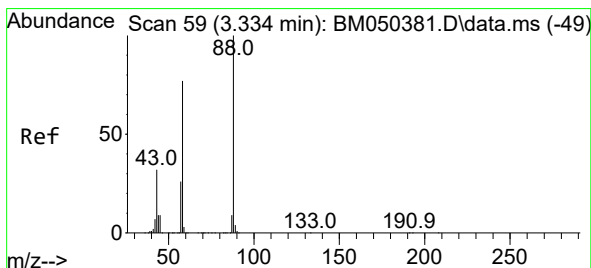
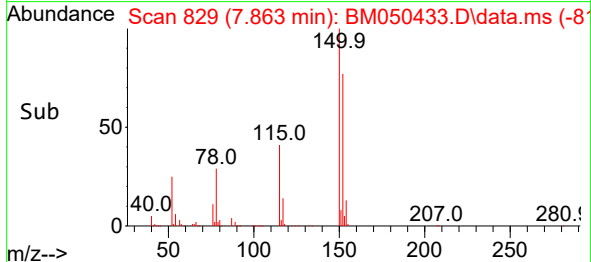
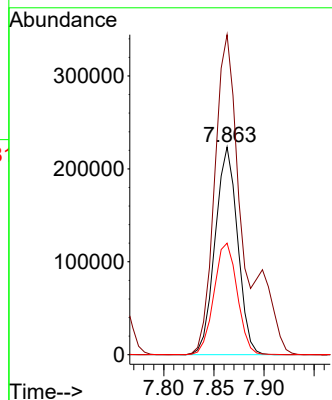
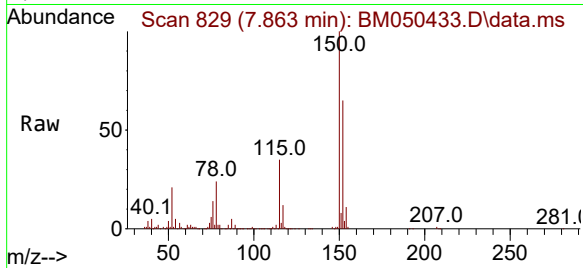




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.863 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BM050433.D
 Acq: 14 Jul 2025 19:34

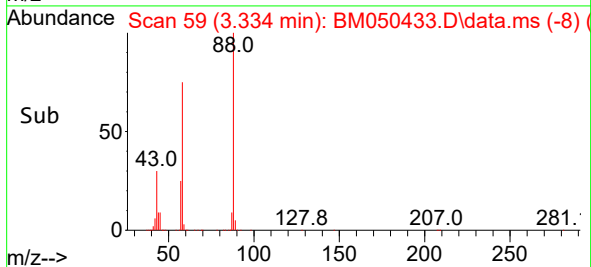
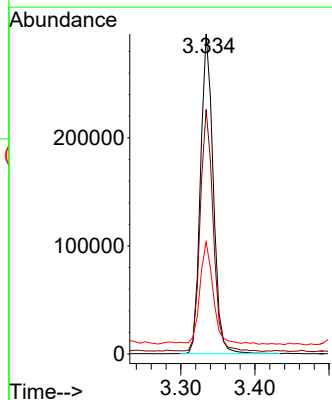
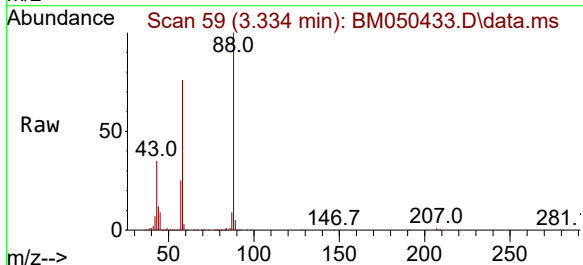
Instrument :
 BNA_M
 ClientSampleId :
 PB168820BS

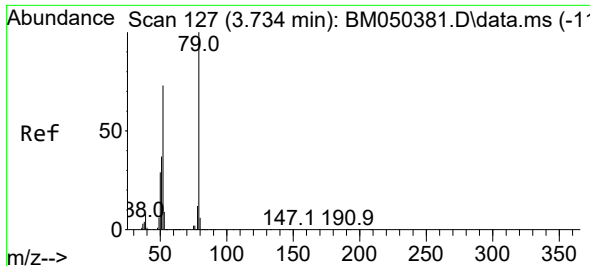
Tgt Ion:152 Resp: 348266
 Ion Ratio Lower Upper
 152 100
 150 154.1 126.2 189.4
 115 53.7 45.8 68.8



#2
 1,4-Dioxane
 Concen: 42.417 ng
 RT: 3.334 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: BM050433.D
 Acq: 14 Jul 2025 19:34

Tgt Ion: 88 Resp: 352897
 Ion Ratio Lower Upper
 88 100
 58 77.1 61.0 91.6
 43 32.0 24.6 37.0

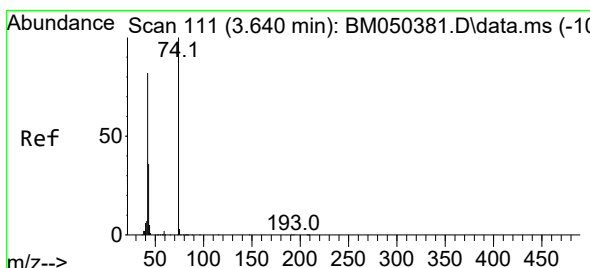
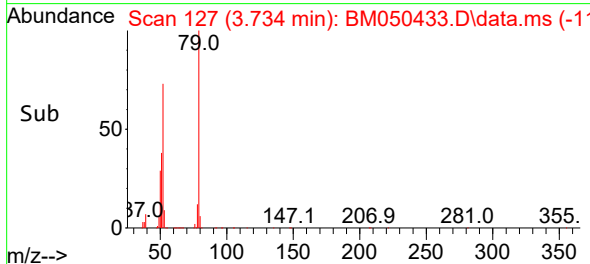
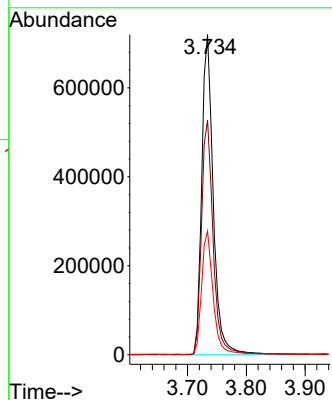
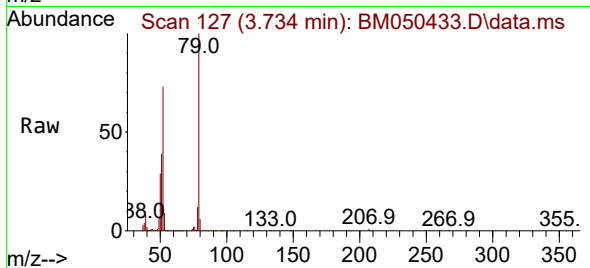




#3
Pyridine
Concen: 44.941 ng
RT: 3.734 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050433.D
Acq: 14 Jul 2025 19:34

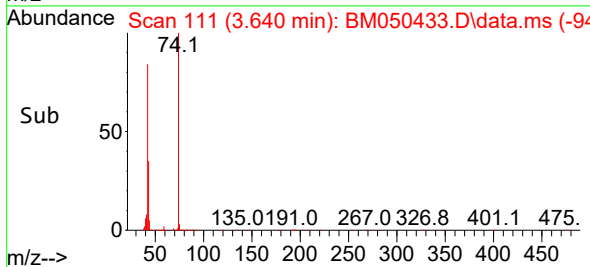
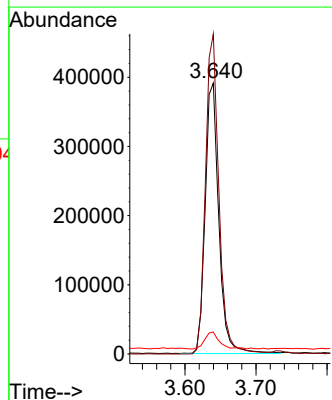
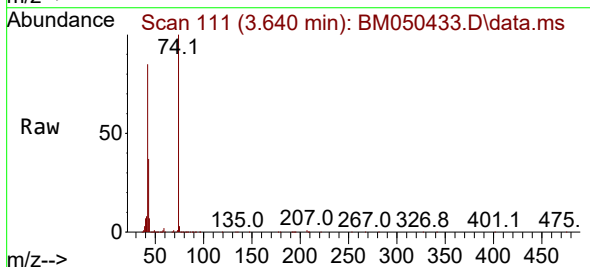
Instrument :
BNA_M
ClientSampleId :
PB168820BS

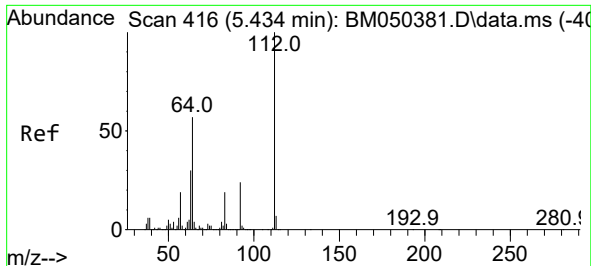
Tgt Ion: 79 Resp: 981610
Ion Ratio Lower Upper
79 100
52 73.4 58.3 87.5
51 38.6 29.6 44.4



#4
n-Nitrosodimethylamine
Concen: 51.477 ng
RT: 3.640 min Scan# 111
Delta R.T. 0.000 min
Lab File: BM050433.D
Acq: 14 Jul 2025 19:34

Tgt Ion: 42 Resp: 524174
Ion Ratio Lower Upper
42 100
74 118.1 97.5 146.3
44 8.1 5.7 8.5

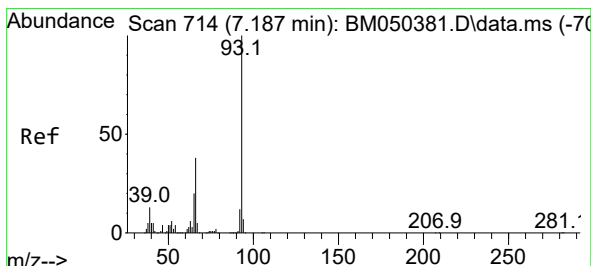
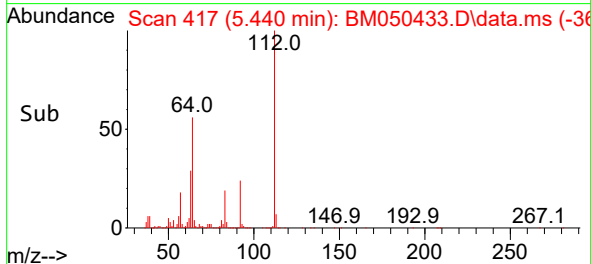
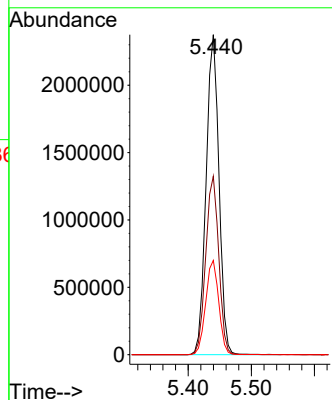
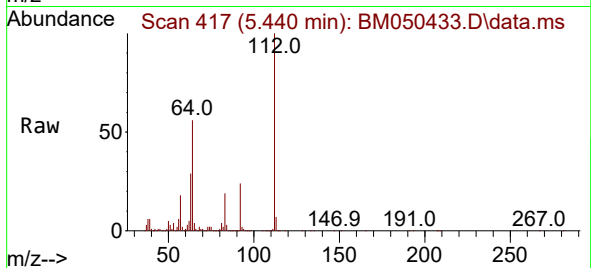




#5
2-Fluorophenol
Concen: 165.302 ng
RT: 5.440 min Scan# 416
Delta R.T. 0.006 min
Lab File: BM050433.D
Acq: 14 Jul 2025 19:34

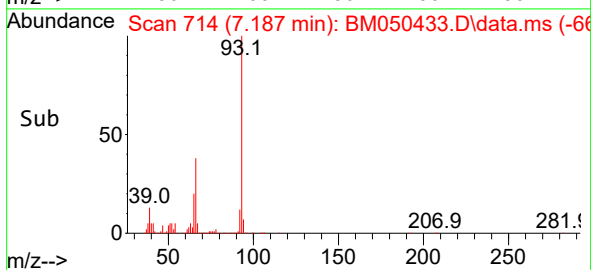
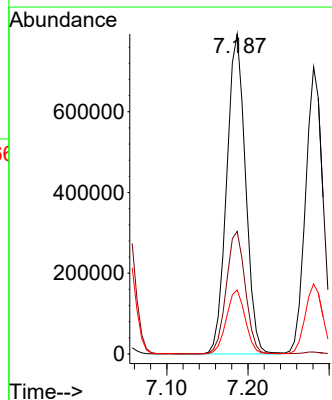
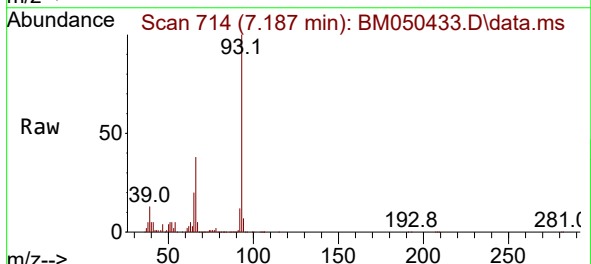
Instrument :
BNA_M
ClientSampleId :
PB168820BS

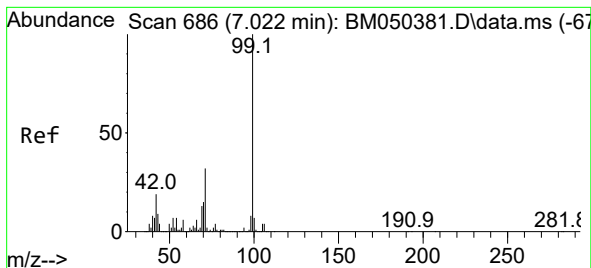
Tgt Ion:112 Resp: 3344482
Ion Ratio Lower Upper
112 100
64 55.7 45.5 68.3
63 29.5 24.2 36.4



#6
Aniline
Concen: 38.982 ng
RT: 7.187 min Scan# 714
Delta R.T. 0.000 min
Lab File: BM050433.D
Acq: 14 Jul 2025 19:34

Tgt Ion: 93 Resp: 1275950
Ion Ratio Lower Upper
93 100
66 38.3 30.5 45.7
65 20.0 15.9 23.9





#7

Phenol-d6

Concen: 162.914 ng

RT: 7.022 min Scan# 686

Delta R.T. 0.000 min

Lab File: BM050433.D

Acq: 14 Jul 2025 19:34

Instrument :

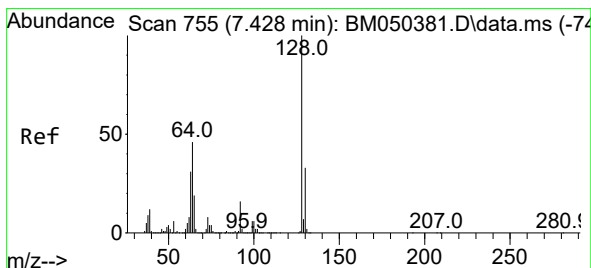
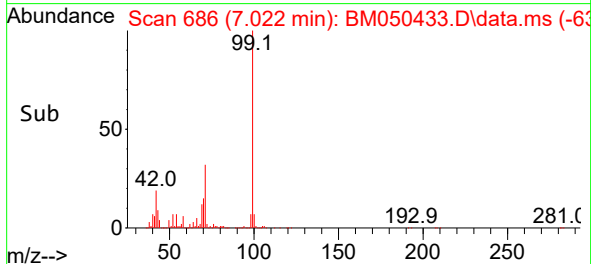
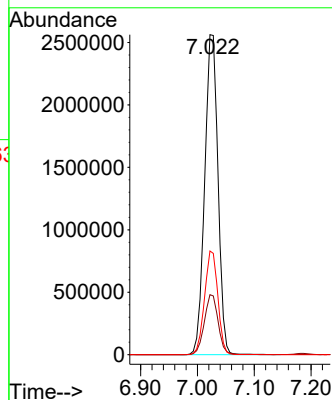
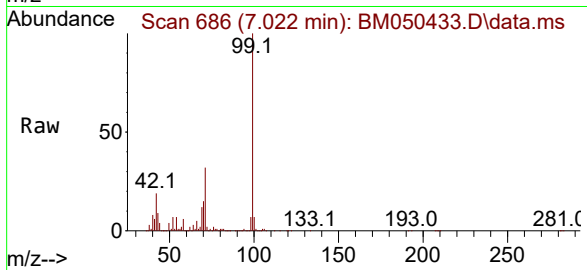
BNA_M

ClientSampleId :

PB168820BS

Tgt Ion: 99 Resp: 4155161

Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.0	22.6
71	32.4	25.9	38.9



#8

2-Chlorophenol

Concen: 52.987 ng

RT: 7.428 min Scan# 755

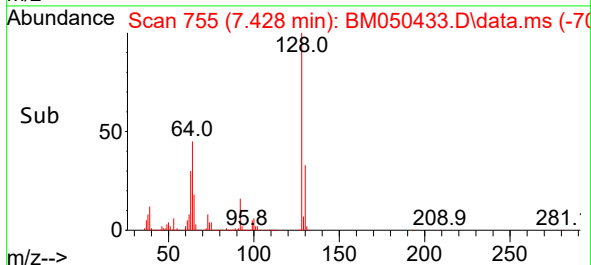
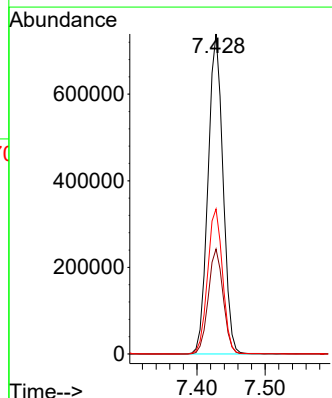
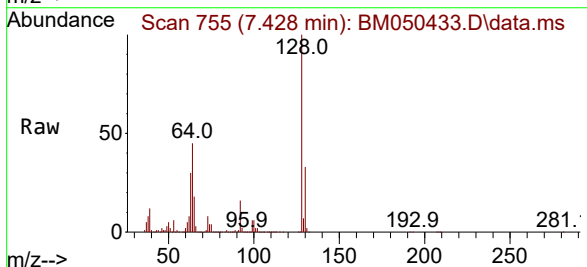
Delta R.T. 0.000 min

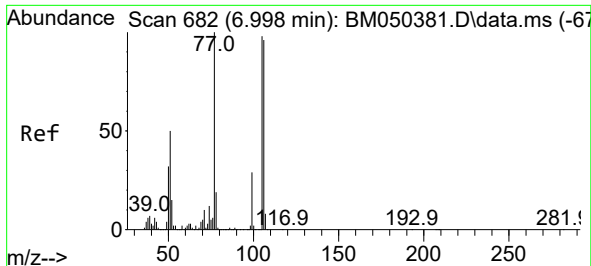
Lab File: BM050433.D

Acq: 14 Jul 2025 19:34

Tgt Ion:128 Resp: 1130442

Ion	Ratio	Lower	Upper
128	100		
130	32.8	13.3	53.3
64	45.3	25.6	65.6

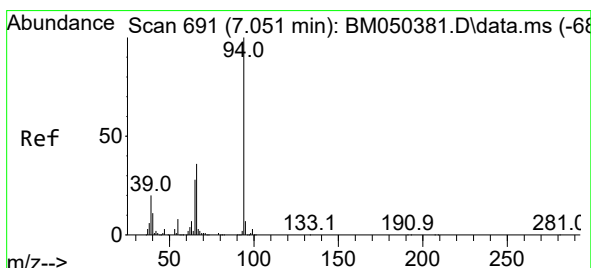
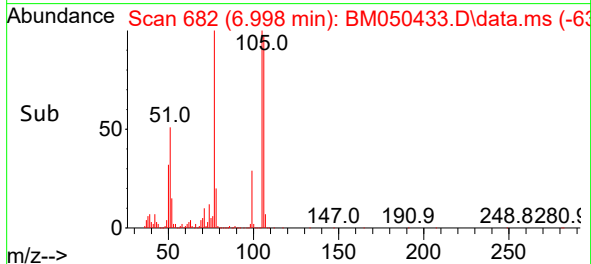
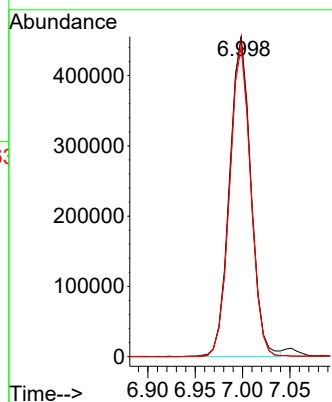
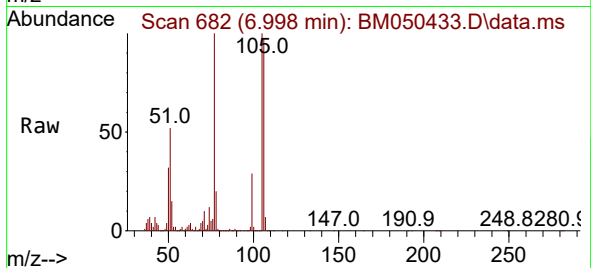




#9
Benzaldehyde
Concen: 46.760 ng
RT: 6.998 min Scan# 682
Delta R.T. 0.000 min
Lab File: BM050433.D
Acq: 14 Jul 2025 19:34

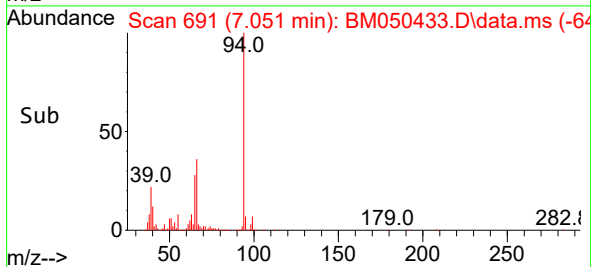
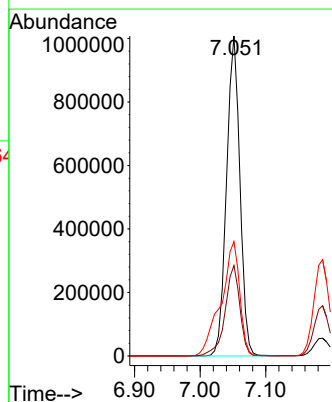
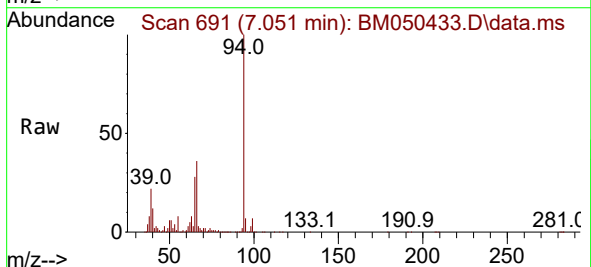
Instrument :
BNA_M
ClientSampleId :
PB168820BS

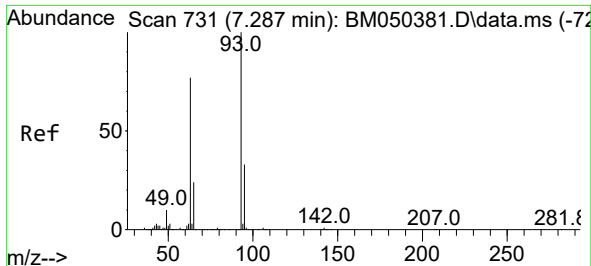
Tgt Ion: 77 Resp: 709456
Ion Ratio Lower Upper
77 100
105 99.5 78.4 118.4
106 96.7 76.3 116.3



#10
Phenol
Concen: 53.519 ng
RT: 7.051 min Scan# 691
Delta R.T. 0.000 min
Lab File: BM050433.D
Acq: 14 Jul 2025 19:34

Tgt Ion: 94 Resp: 1423721
Ion Ratio Lower Upper
94 100
65 28.3 8.1 48.1
66 35.7 15.8 55.8

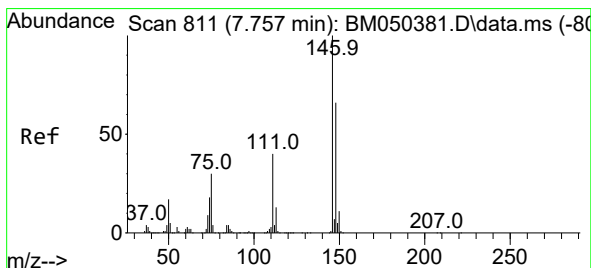
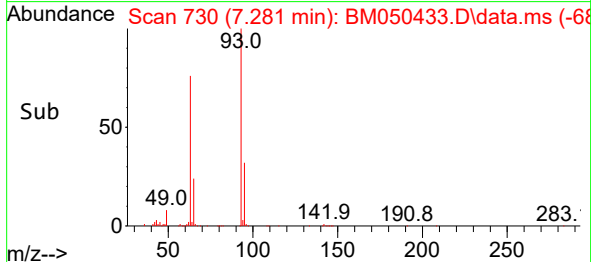
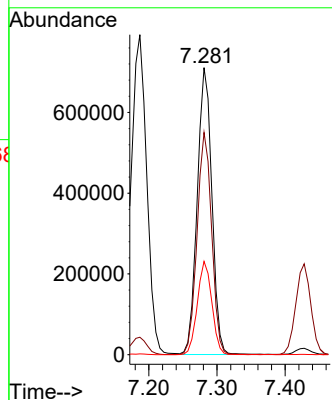
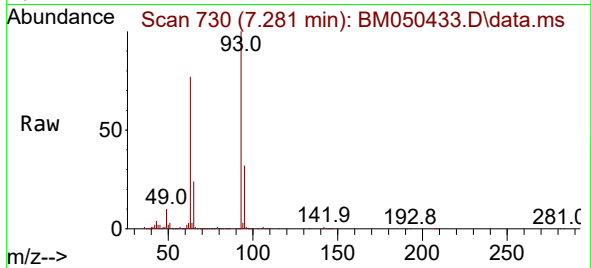




#11
bis(2-Chloroethyl)ether
Concen: 49.736 ng
RT: 7.281 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM050433.D
Acq: 14 Jul 2025 19:34

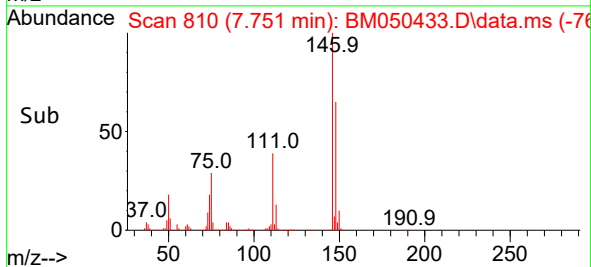
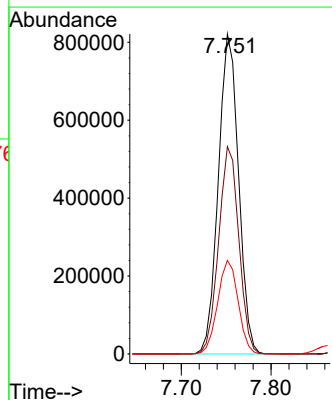
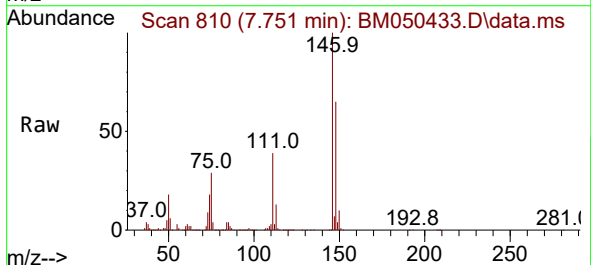
Instrument :
BNA_M
ClientSampleId :
PB168820BS

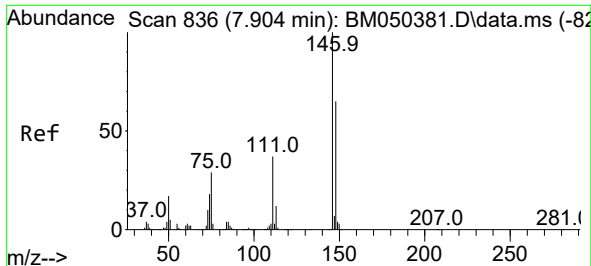
Tgt Ion: 93 Resp: 1059601
Ion Ratio Lower Upper
93 100
63 77.4 56.9 96.9
95 32.5 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 49.462 ng
RT: 7.751 min Scan# 810
Delta R.T. -0.006 min
Lab File: BM050433.D
Acq: 14 Jul 2025 19:34

Tgt Ion:146 Resp: 1283114
Ion Ratio Lower Upper
146 100
148 64.8 53.2 79.8
75 29.3 23.9 35.9





#13

1,4-Dichlorobenzene

Concen: 49.603 ng

RT: 7.898 min Scan# 81

Delta R.T. -0.006 min

Lab File: BM050433.D

Acq: 14 Jul 2025 19:34

Instrument :

BNA_M

ClientSampleId :

PB168820BS

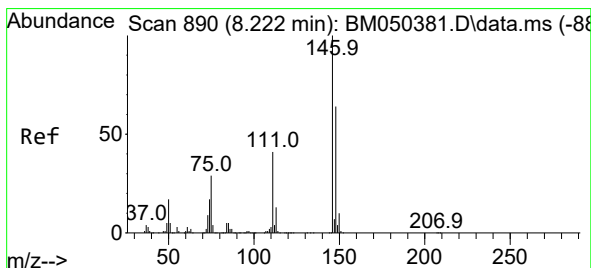
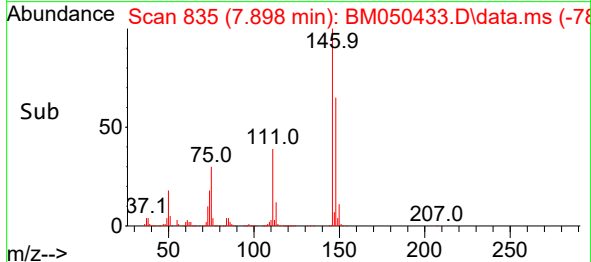
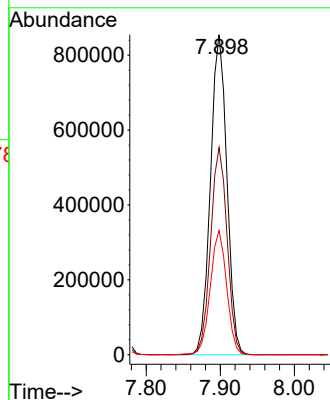
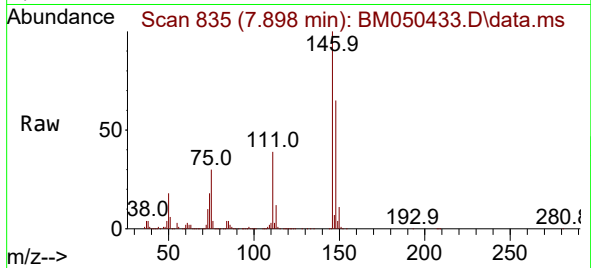
Tgt Ion:146 Resp: 1313911

Ion Ratio Lower Upper

146 100

148 64.7 51.9 77.9

111 38.8 30.0 45.0



#14

1,2-Dichlorobenzene

Concen: 49.352 ng

RT: 8.216 min Scan# 889

Delta R.T. -0.006 min

Lab File: BM050433.D

Acq: 14 Jul 2025 19:34

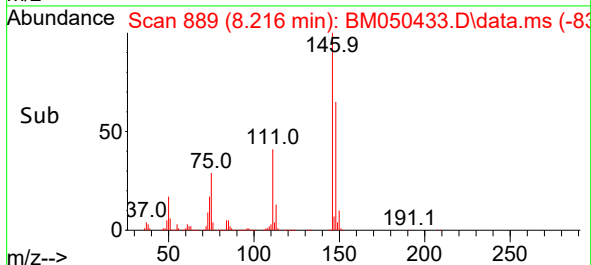
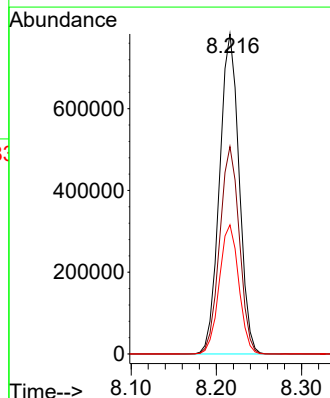
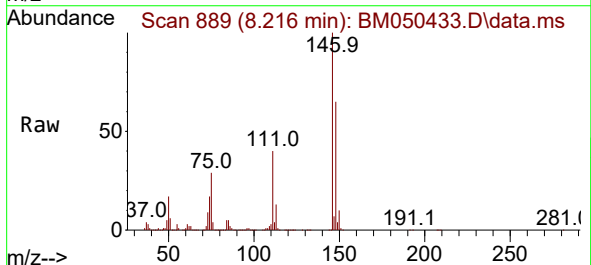
Tgt Ion:146 Resp: 1251541

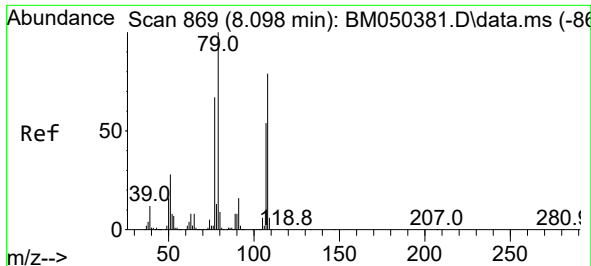
Ion Ratio Lower Upper

146 100

148 64.8 51.5 77.3

111 40.4 32.6 49.0

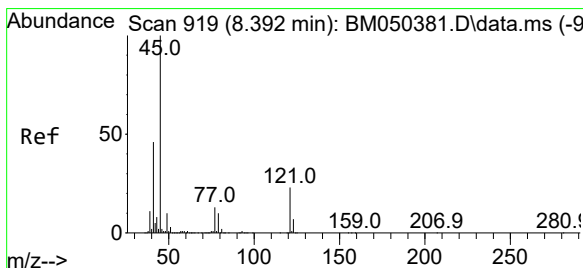
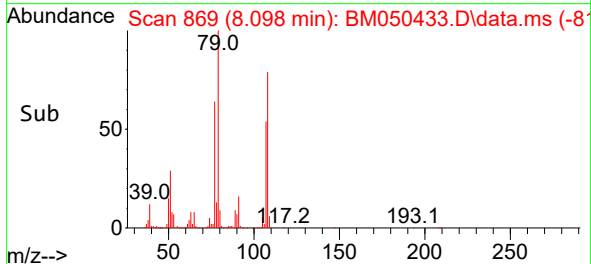
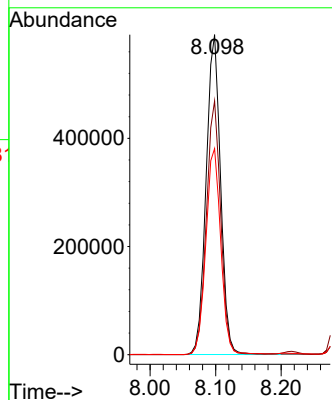
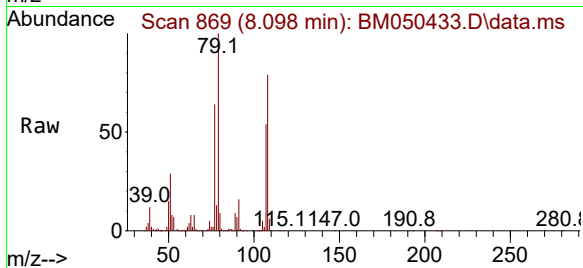




#15
Benzyl Alcohol
Concen: 50.720 ng
RT: 8.098 min Scan# 869
Delta R.T. 0.000 min
Lab File: BM050433.D
Acq: 14 Jul 2025 19:34

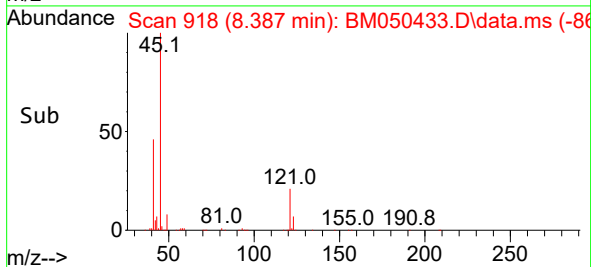
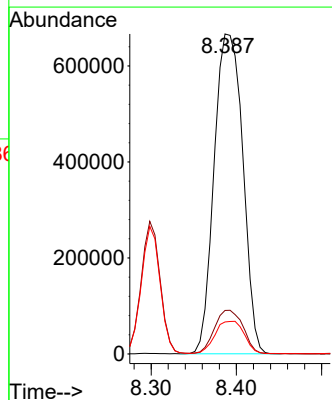
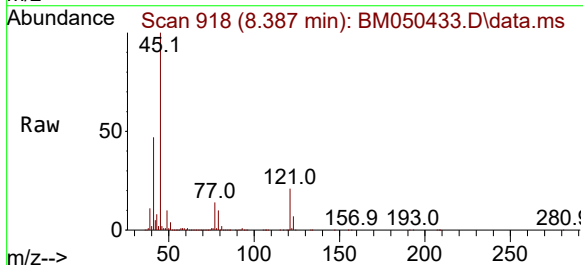
Instrument :
BNA_M
ClientSampleId :
PB168820BS

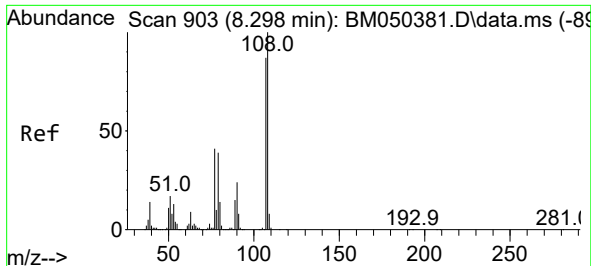
Tgt Ion: 79 Resp: 911480
Ion Ratio Lower Upper
79 100
108 79.3 63.0 94.4
77 64.4 53.4 80.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.575 ng
RT: 8.387 min Scan# 918
Delta R.T. -0.006 min
Lab File: BM050433.D
Acq: 14 Jul 2025 19:34

Tgt Ion: 45 Resp: 1555684
Ion Ratio Lower Upper
45 100
77 13.6 0.0 33.5
79 10.0 0.0 30.3

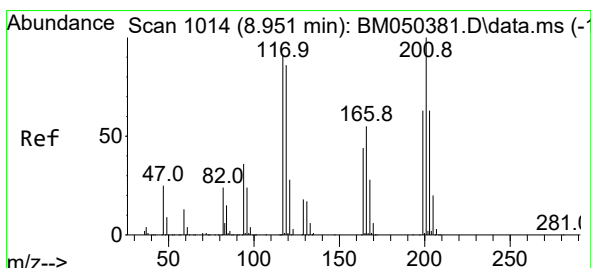
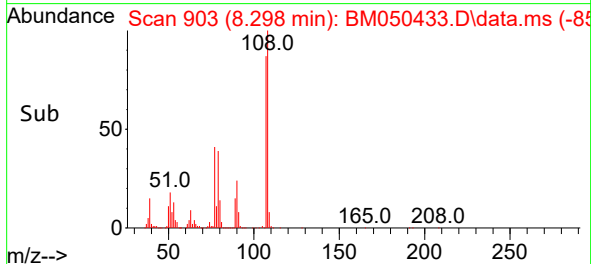
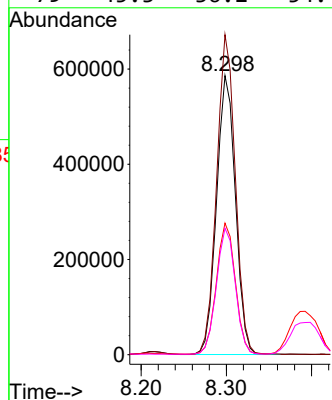
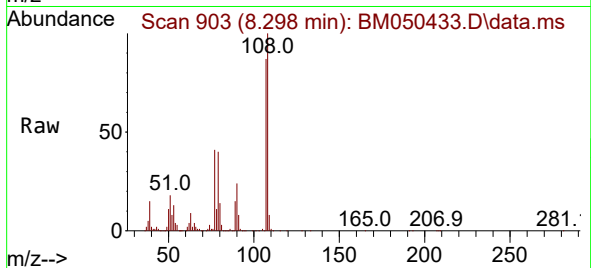




#17
2-Methylphenol
Concen: 52.305 ng
RT: 8.298 min Scan# 90
Delta R.T. 0.000 min
Lab File: BM050433.D
Acq: 14 Jul 2025 19:34

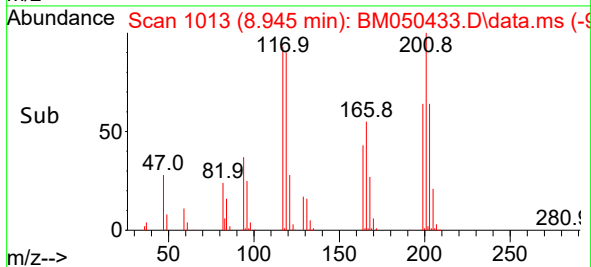
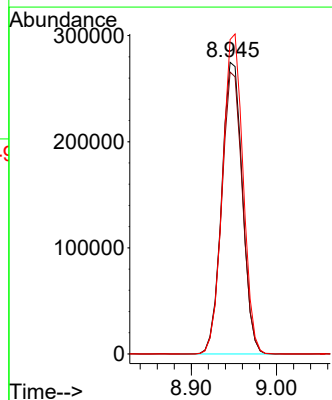
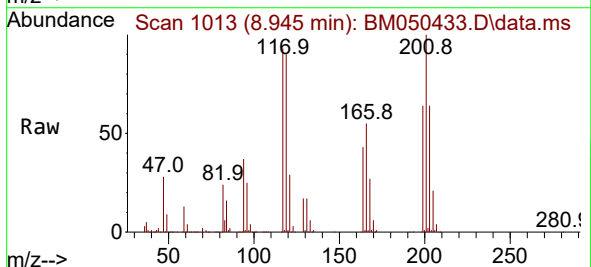
Instrument :
BNA_M
ClientSampleId :
PB168820BS

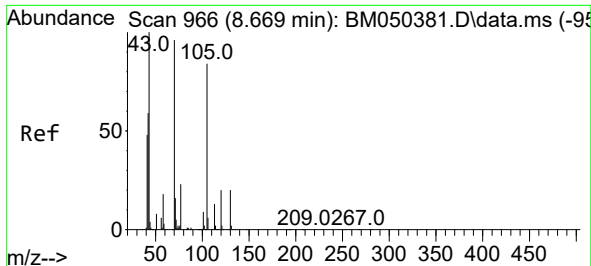
Tgt Ion:	107	Resp:	902465
Ion	Ratio	Lower	Upper
107	100		
108	114.7	92.1	138.1
77	47.2	38.2	57.4
79	45.3	36.2	54.4



#18
Hexachloroethane
Concen: 49.740 ng
RT: 8.945 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BM050433.D
Acq: 14 Jul 2025 19:34

Tgt Ion:	117	Resp:	463374
Ion	Ratio	Lower	Upper
117	100		
119	96.6	75.6	113.4
201	107.8	87.9	131.9

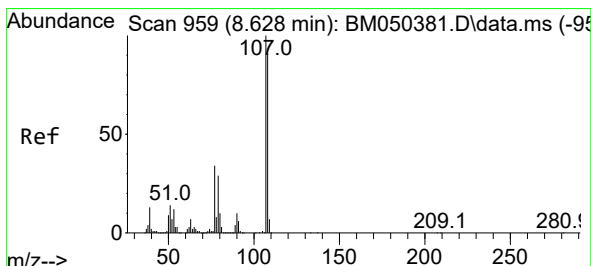
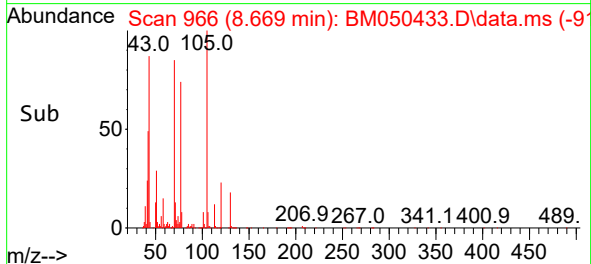
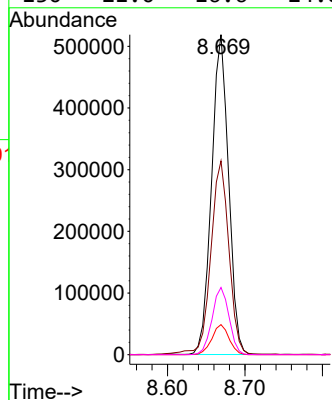
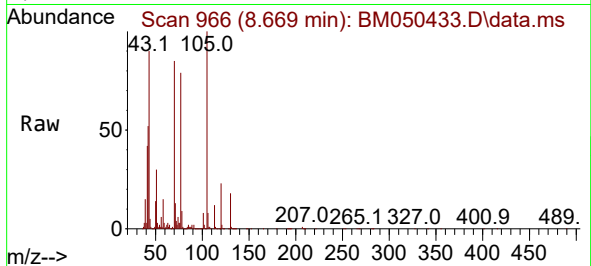




#19
n-Nitroso-di-n-propylamine
Concen: 50.997 ng
RT: 8.669 min Scan# 966
Delta R.T. 0.000 min
Lab File: BM050433.D
Acq: 14 Jul 2025 19:34

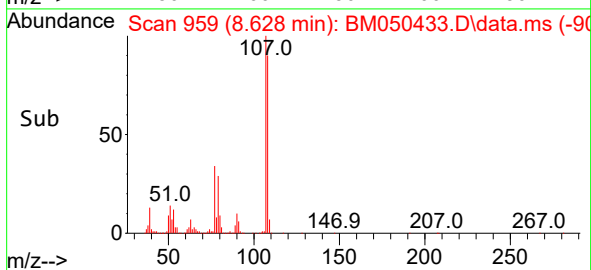
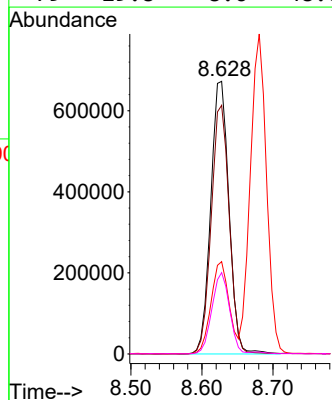
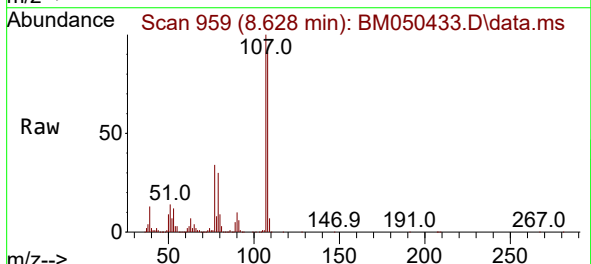
Instrument :
BNA_M
ClientSampleId :
PB168820BS

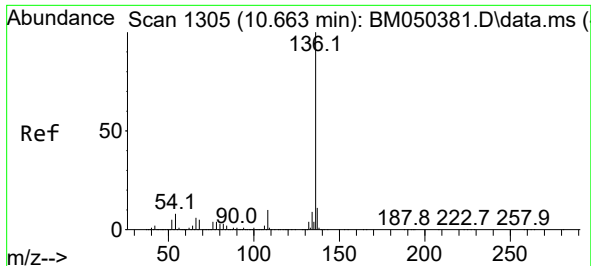
Tgt Ion: 70 Resp: 787963
Ion Ratio Lower Upper
70 100
42 60.6 49.7 74.5
101 9.4 7.7 11.5
130 21.0 16.6 24.8



#20
3+4-Methylphenols
Concen: 51.911 ng
RT: 8.628 min Scan# 959
Delta R.T. 0.000 min
Lab File: BM050433.D
Acq: 14 Jul 2025 19:34

Tgt Ion: 107 Resp: 1202364
Ion Ratio Lower Upper
107 100
108 91.2 71.5 111.5
77 33.9 13.7 53.7
79 29.8 8.6 48.6

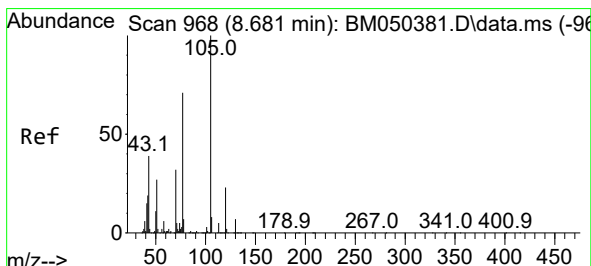
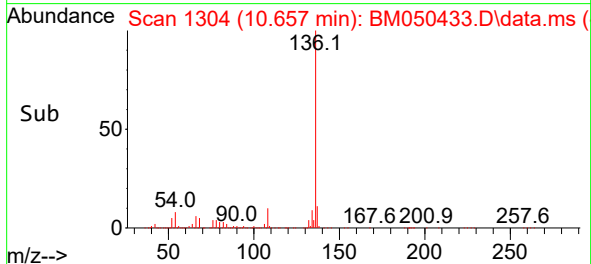
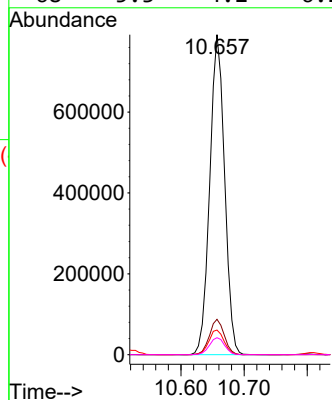
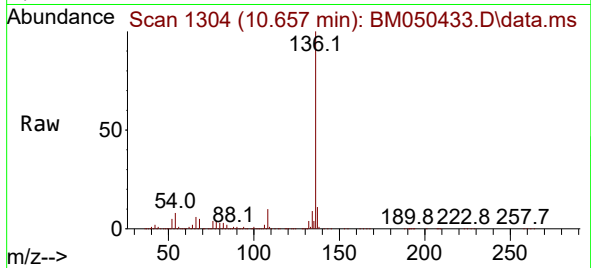




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM050433.D
Acq: 14 Jul 2025 19:34

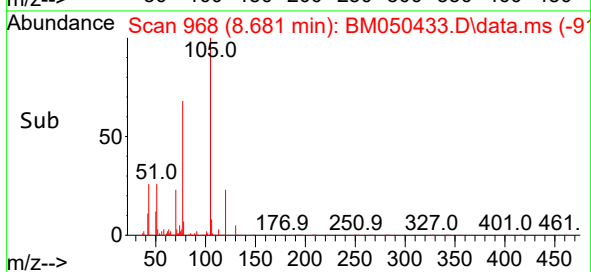
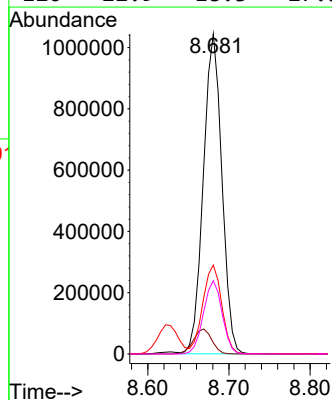
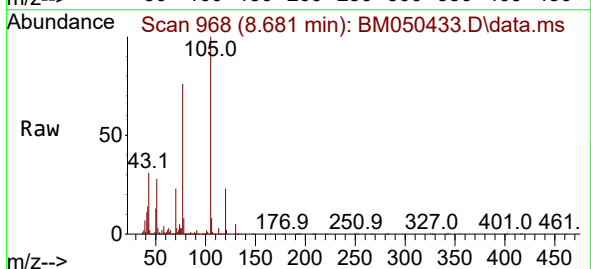
Instrument :
BNA_M
ClientSampleId :
PB168820BS

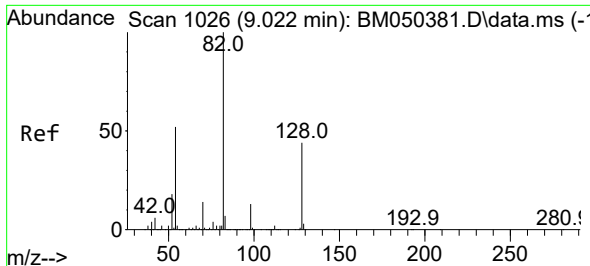
Tgt Ion:136 Resp: 1290876
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.7 6.3 9.5
68 5.3 4.2 6.2



#22
Acetophenone
Concen: 51.255 ng
RT: 8.681 min Scan# 968
Delta R.T. 0.000 min
Lab File: BM050433.D
Acq: 14 Jul 2025 19:34

Tgt Ion:105 Resp: 1654254
Ion Ratio Lower Upper
105 100
71 3.5 4.4 6.6#
51 27.8 23.0 34.6
120 22.9 18.3 27.5

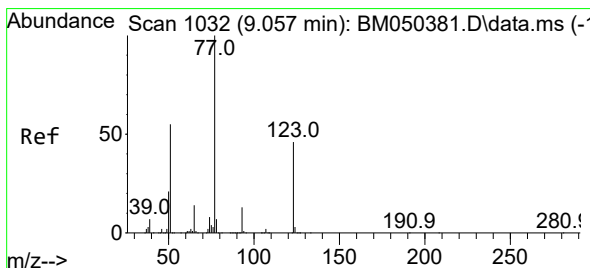
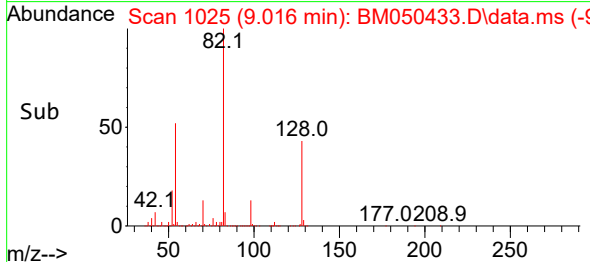
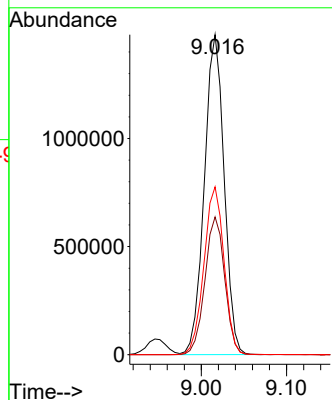
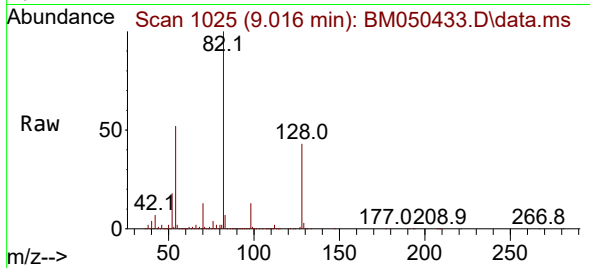




#23
Nitrobenzene-d5
Concen: 94.264 ng
RT: 9.016 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BM050433.D
Acq: 14 Jul 2025 19:34

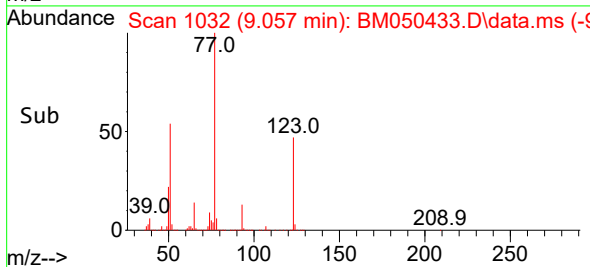
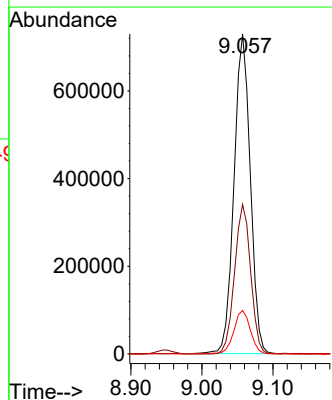
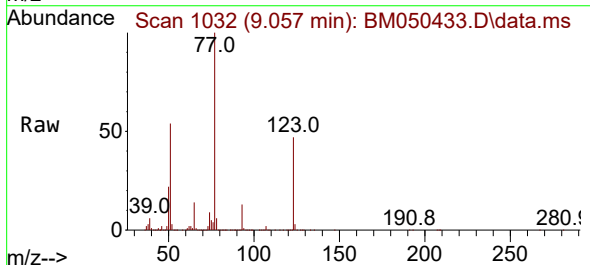
Instrument :
BNA_M
ClientSampleId :
PB168820BS

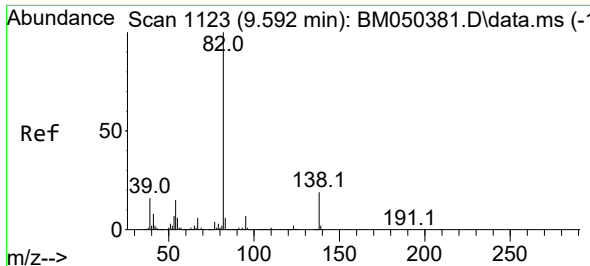
Tgt Ion: 82 Resp: 2385091
Ion Ratio Lower Upper
82 100
128 43.1 35.2 52.8
54 52.5 41.5 62.3



#24
Nitrobenzene
Concen: 51.479 ng
RT: 9.057 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BM050433.D
Acq: 14 Jul 2025 19:34

Tgt Ion: 77 Resp: 1162331
Ion Ratio Lower Upper
77 100
123 46.8 37.0 55.6
65 13.6 11.0 16.4





#25

Isophorone

Concen: 50.041 ng

RT: 9.587 min Scan# 1122

Delta R.T. -0.006 min

Lab File: BM050433.D

Acq: 14 Jul 2025 19:34

Instrument :

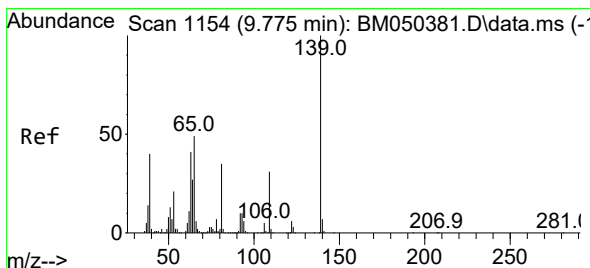
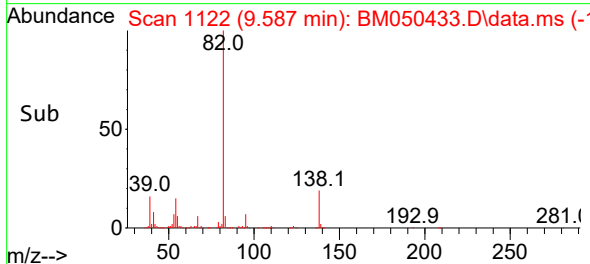
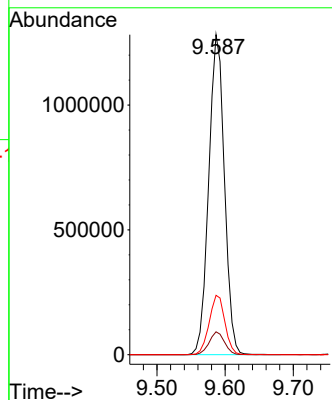
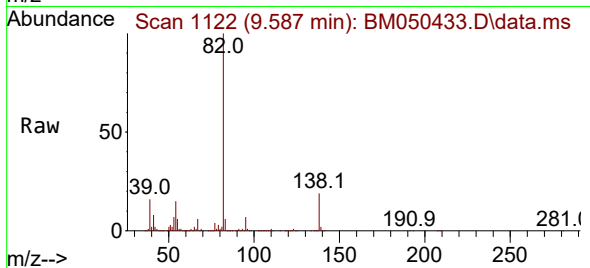
BNA_M

ClientSampleId :

PB168820BS

Tgt Ion: 82 Resp: 2054546

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.6	8.4
138	18.6	15.3	22.9



#26

2-Nitrophenol

Concen: 55.009 ng

RT: 9.769 min Scan# 1153

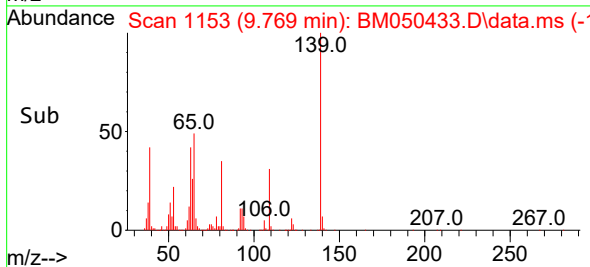
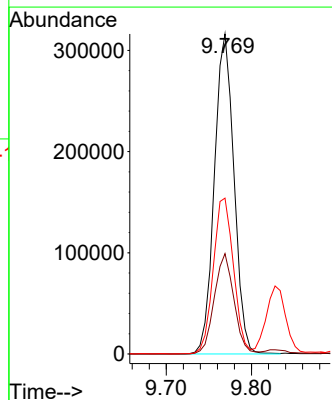
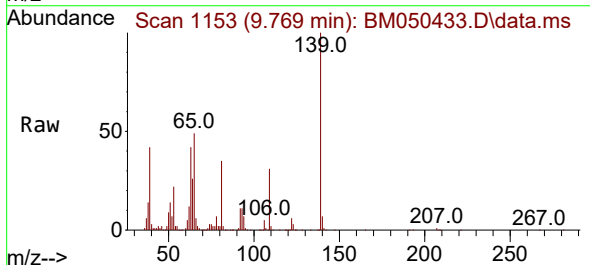
Delta R.T. -0.006 min

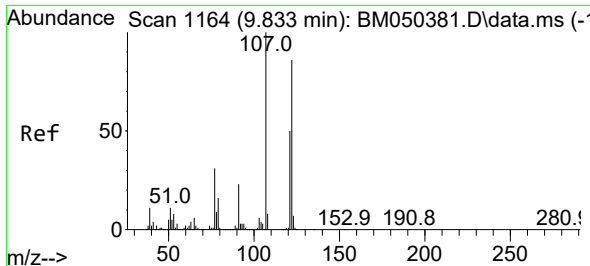
Lab File: BM050433.D

Acq: 14 Jul 2025 19:34

Tgt Ion: 139 Resp: 506203

Ion	Ratio	Lower	Upper
139	100		
109	31.3	24.6	36.8
65	48.7	39.2	58.8

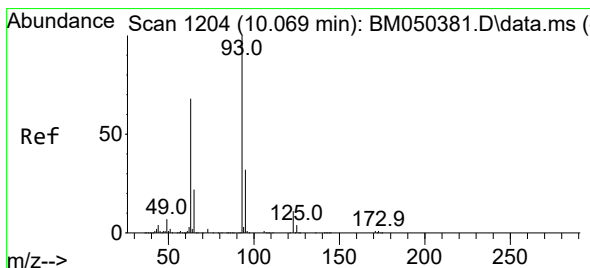
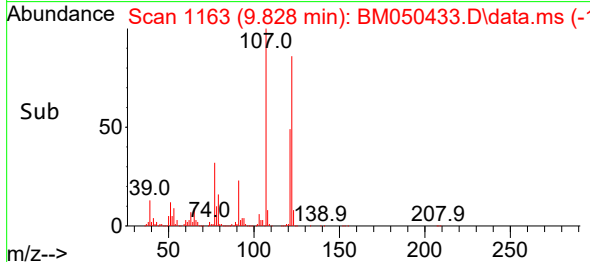
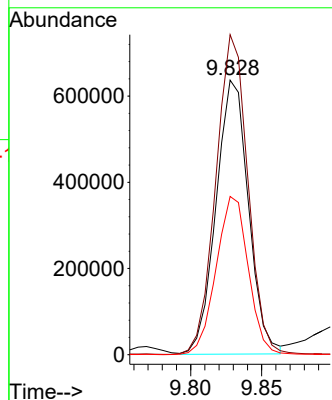
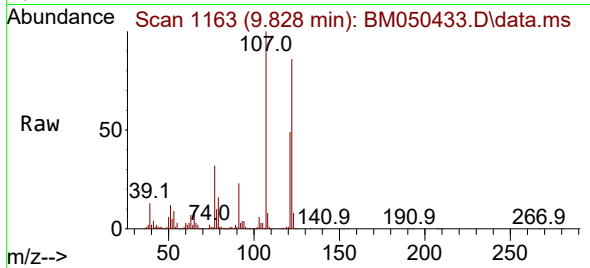




#27
2,4-Dimethylphenol
Concen: 51.599 ng
RT: 9.828 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BM050433.D
Acq: 14 Jul 2025 19:34

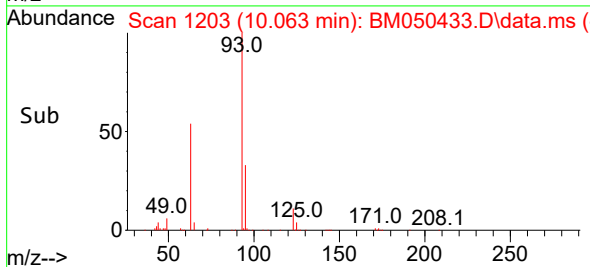
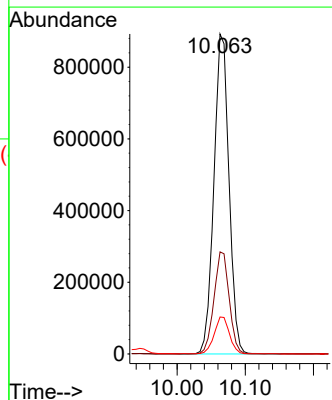
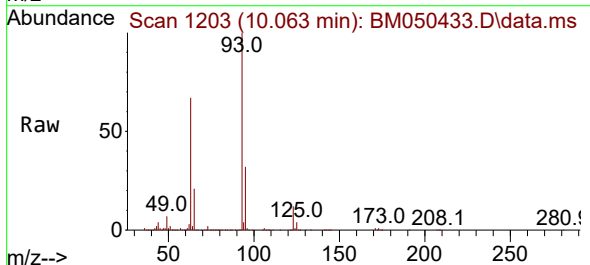
Instrument :
BNA_M
ClientSampleId :
PB168820BS

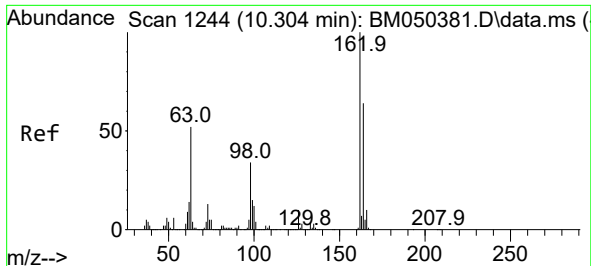
Tgt Ion:122 Resp: 1010375
Ion Ratio Lower Upper
122 100
107 116.5 93.0 139.6
121 57.7 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 50.394 ng
RT: 10.063 min Scan# 1203
Delta R.T. -0.006 min
Lab File: BM050433.D
Acq: 14 Jul 2025 19:34

Tgt Ion: 93 Resp: 1371017
Ion Ratio Lower Upper
93 100
95 31.9 25.8 38.6
123 11.5 9.1 13.7

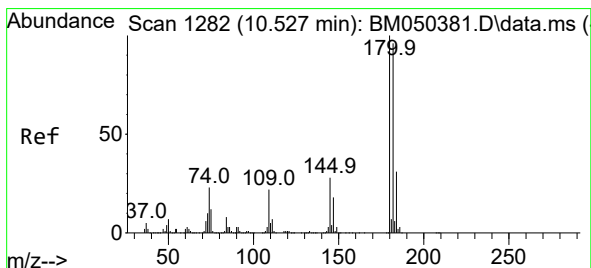
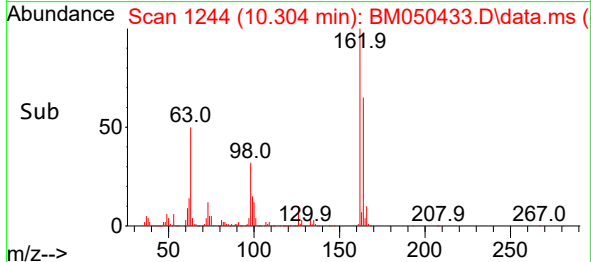
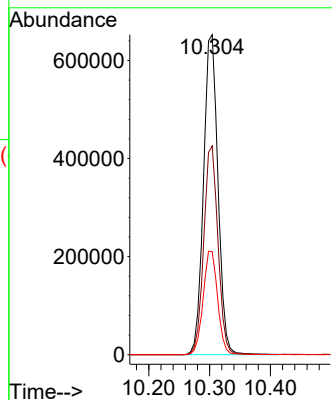
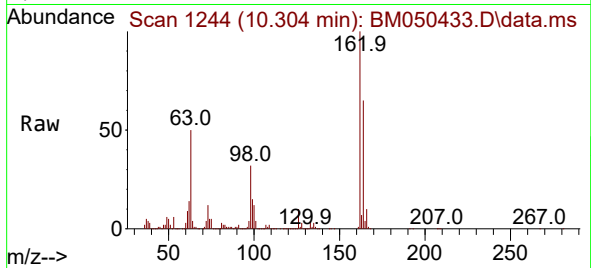




#29
2,4-Dichlorophenol
Concen: 53.638 ng
RT: 10.304 min Scan# 1244
Delta R.T. 0.000 min
Lab File: BM050433.D
Acq: 14 Jul 2025 19:34

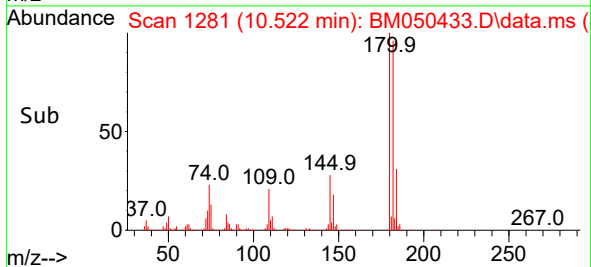
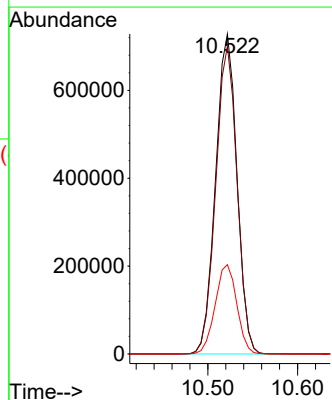
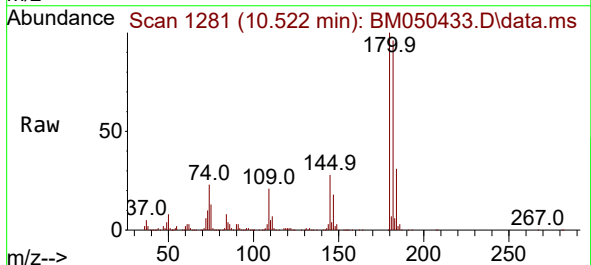
Instrument :
BNA_M
ClientSampleId :
PB168820BS

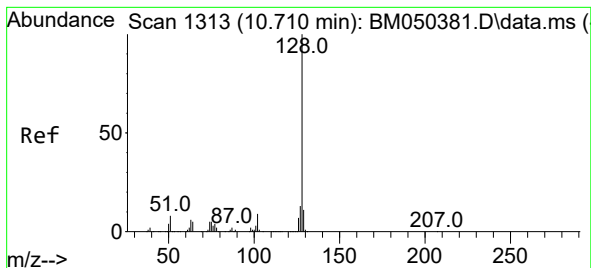
Tgt Ion:162 Resp: 1079036
Ion Ratio Lower Upper
162 100
164 65.3 43.7 83.7
98 32.2 13.7 53.7



#30
1,2,4-Trichlorobenzene
Concen: 49.971 ng
RT: 10.522 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BM050433.D
Acq: 14 Jul 2025 19:34

Tgt Ion:180 Resp: 1202586
Ion Ratio Lower Upper
180 100
182 96.2 76.8 115.2
145 27.9 22.6 33.8

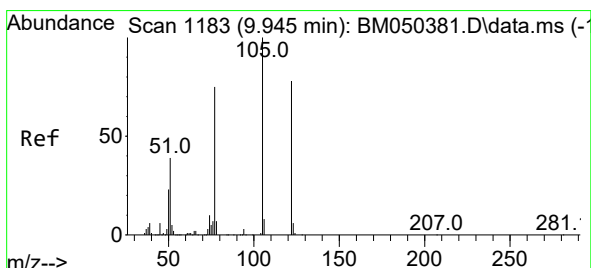
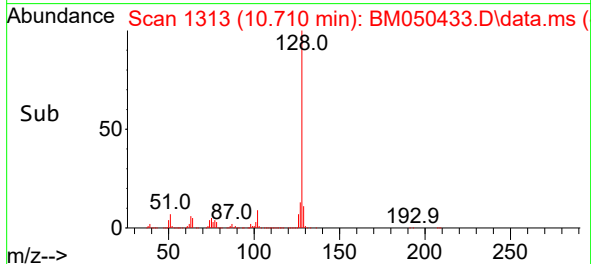
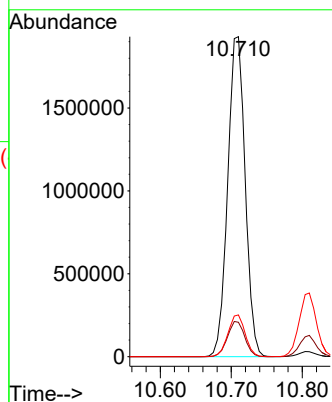
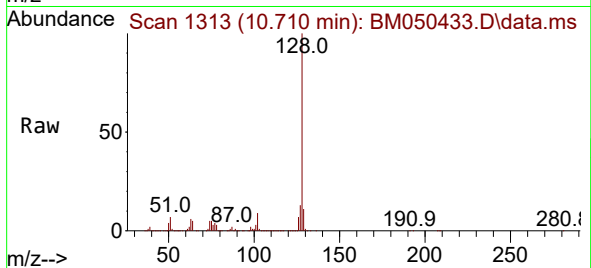




#31
Naphthalene
Concen: 50.269 ng
RT: 10.710 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050433.D
Acq: 14 Jul 2025 19:34

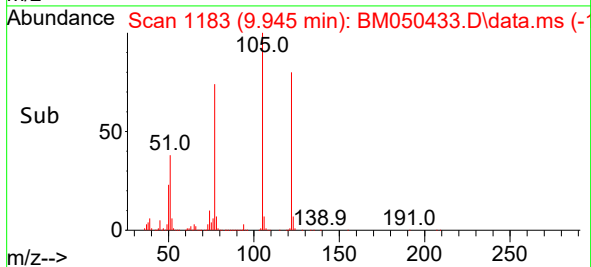
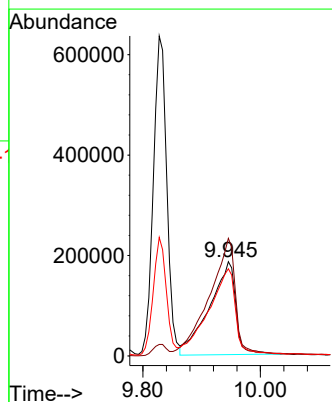
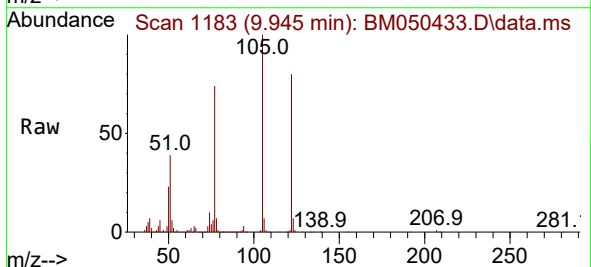
Instrument :
BNA_M
ClientSampleId :
PB168820BS

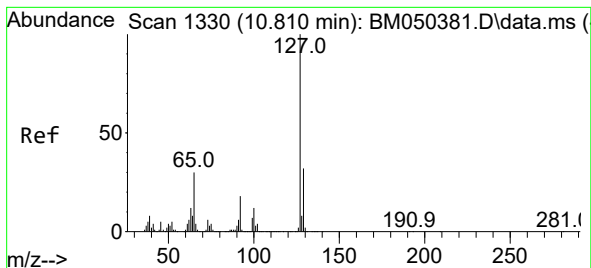
Tgt Ion:128 Resp: 3296008
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 47.914 ng
RT: 9.945 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BM050433.D
Acq: 14 Jul 2025 19:34

Tgt Ion:122 Resp: 575747
Ion Ratio Lower Upper
122 100
105 124.8 104.0 144.0
77 92.5 73.8 113.8

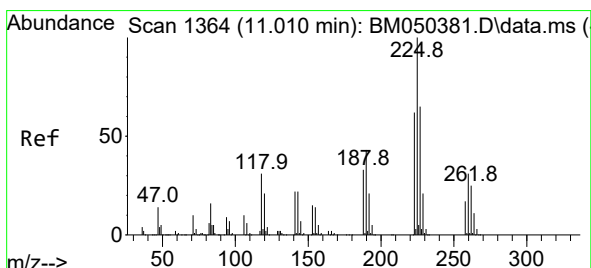
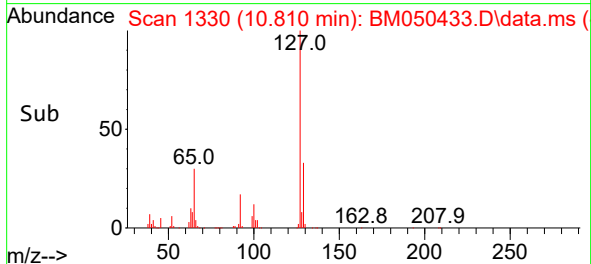
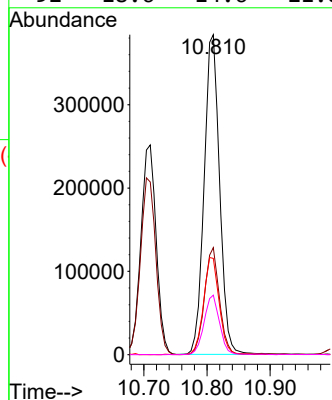
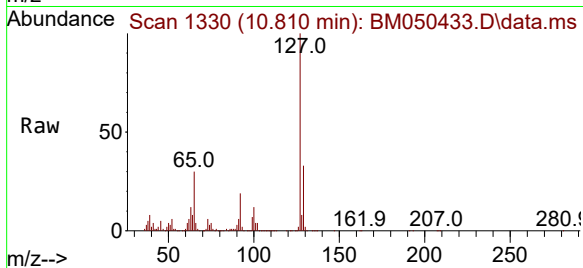




#33
4-Chloroaniline
Concen: 23.620 ng
RT: 10.810 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050433.D
Acq: 14 Jul 2025 19:34

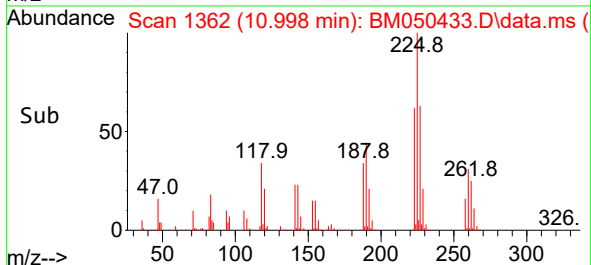
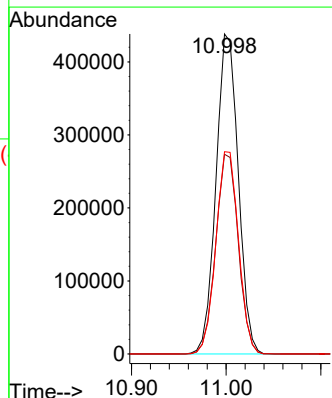
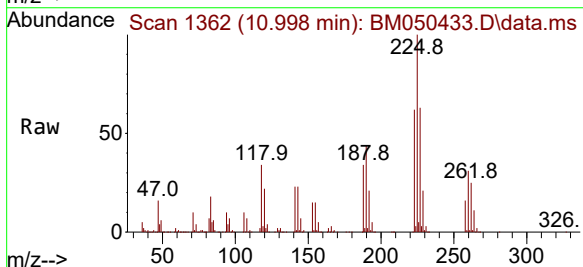
Instrument :
BNA_M
ClientSampleId :
PB168820BS

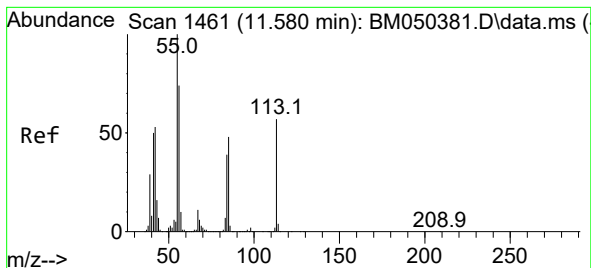
Tgt Ion:	127	Resp:	654732
Ion	Ratio	Lower	Upper
127	100		
129	33.4	25.5	38.3
65	30.1	23.9	35.9
92	18.6	14.6	21.8



#34
Hexachlorobutadiene
Concen: 48.810 ng
RT: 10.998 min Scan# 1362
Delta R.T. -0.012 min
Lab File: BM050433.D
Acq: 14 Jul 2025 19:34

Tgt Ion:	225	Resp:	716936
Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.7	74.5
227	63.2	52.1	78.1

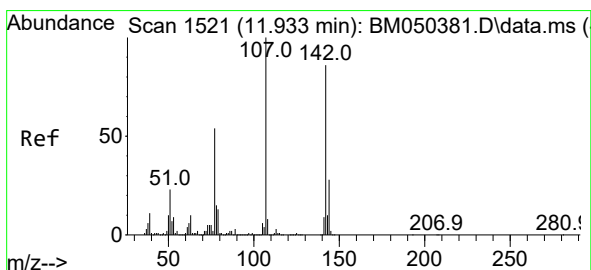
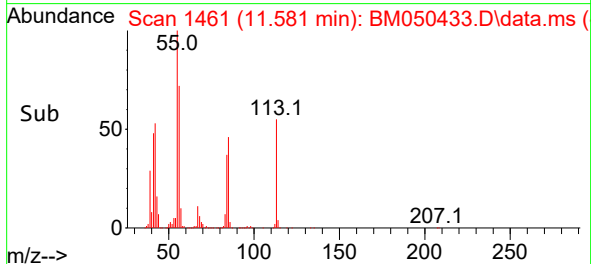
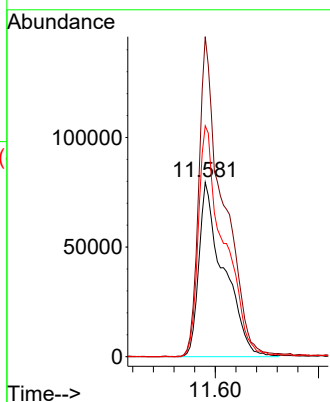
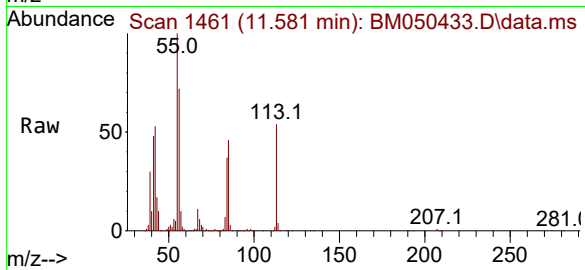




#35
 Caprolactam
 Concen: 48.061 ng
 RT: 11.581 min Scan# 1461
 Delta R.T. 0.000 min
 Lab File: BM050433.D
 Acq: 14 Jul 2025 19:34

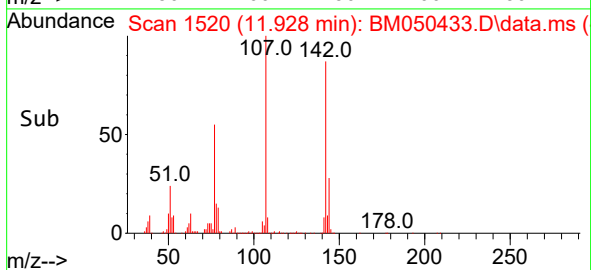
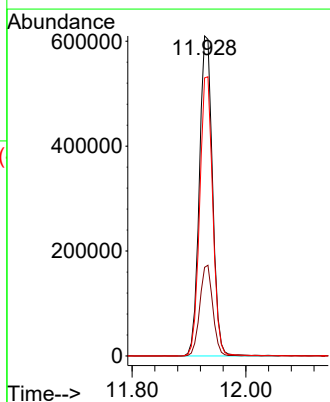
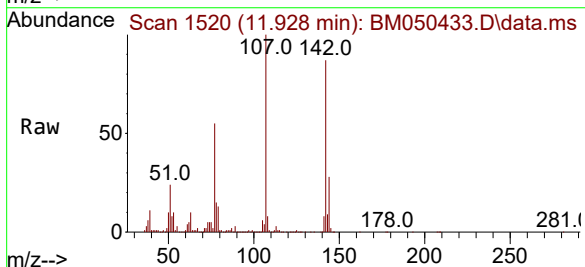
Instrument :
 BNA_M
 ClientSampleId :
 PB168820BS

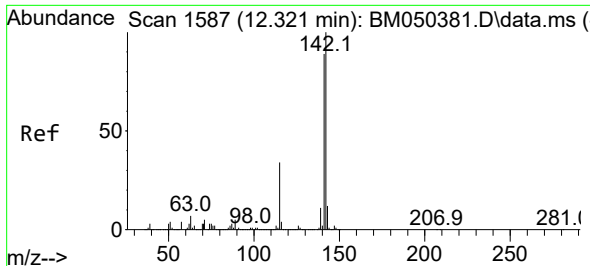
Tgt Ion:113 Resp: 263935
 Ion Ratio Lower Upper
 113 100
 55 183.5 157.2 197.2
 56 132.4 111.7 151.7



#36
 4-Chloro-3-methylphenol
 Concen: 52.264 ng
 RT: 11.928 min Scan# 1520
 Delta R.T. -0.006 min
 Lab File: BM050433.D
 Acq: 14 Jul 2025 19:34

Tgt Ion:107 Resp: 981822
 Ion Ratio Lower Upper
 107 100
 144 27.7 22.2 33.4
 142 86.9 68.7 103.1





#37

2-Methylnaphthalene

Concen: 51.141 ng

RT: 12.316 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM050433.D

Acq: 14 Jul 2025 19:34

Instrument :

BNA_M

ClientSampleId :

PB168820BS

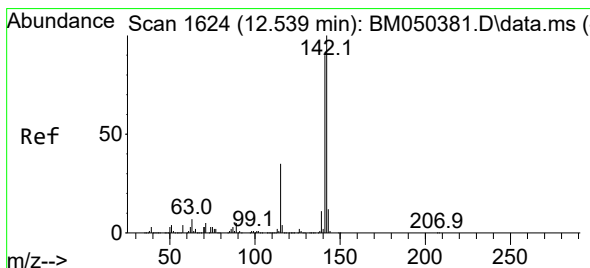
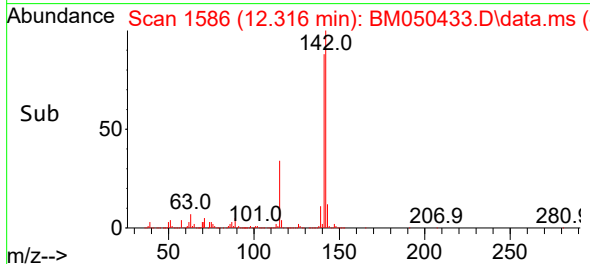
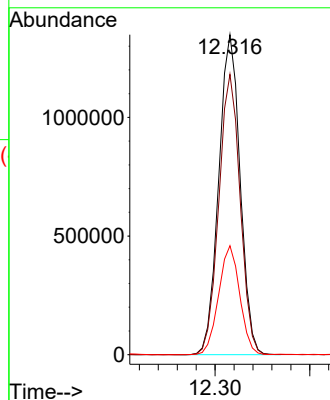
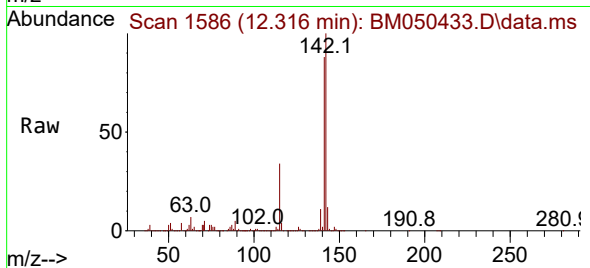
Tgt Ion:142 Resp: 2117197

Ion Ratio Lower Upper

142 100

141 87.6 70.8 106.2

115 34.0 27.0 40.4



#38

1-Methylnaphthalene

Concen: 50.361 ng

RT: 12.533 min Scan# 1623

Delta R.T. -0.006 min

Lab File: BM050433.D

Acq: 14 Jul 2025 19:34

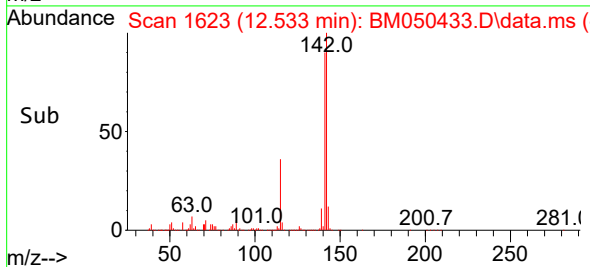
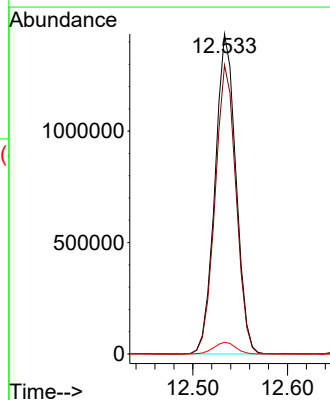
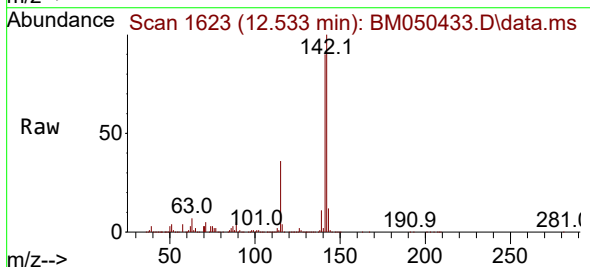
Tgt Ion:142 Resp: 2206472

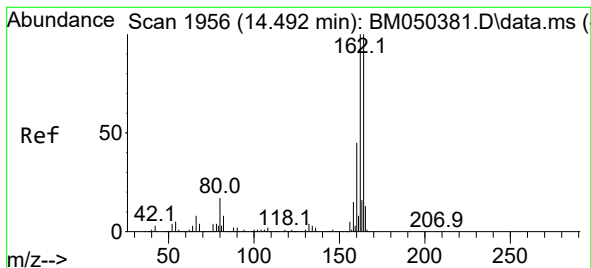
Ion Ratio Lower Upper

142 100

141 90.3 71.9 107.9

116 3.7 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: BM050433.D

Acq: 14 Jul 2025 19:34

Instrument :

BNA_M

ClientSampleId :

PB168820BS

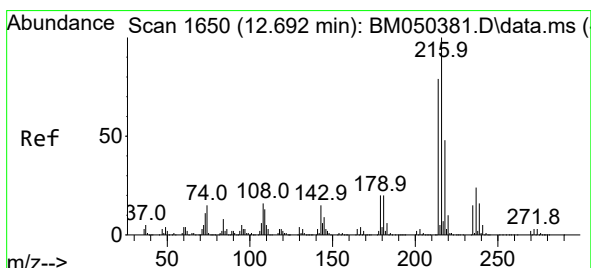
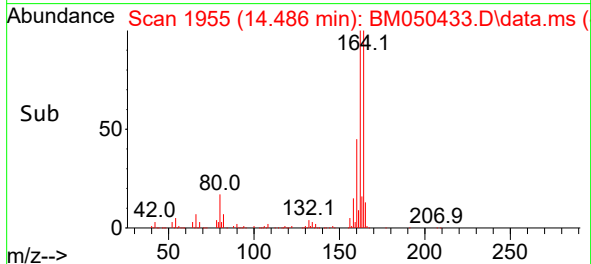
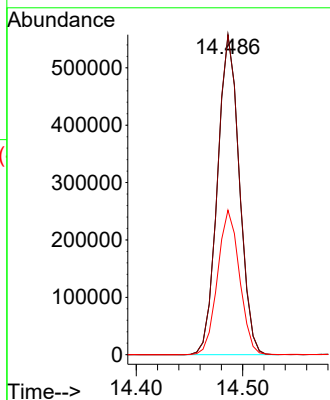
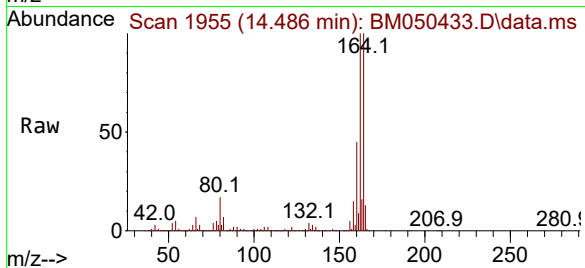
Tgt Ion:164 Resp: 792227

Ion Ratio Lower Upper

164 100

162 99.9 79.9 119.9

160 45.1 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.931 ng

RT: 12.686 min Scan# 1649

Delta R.T. -0.006 min

Lab File: BM050433.D

Acq: 14 Jul 2025 19:34

Tgt Ion:216 Resp: 1333527

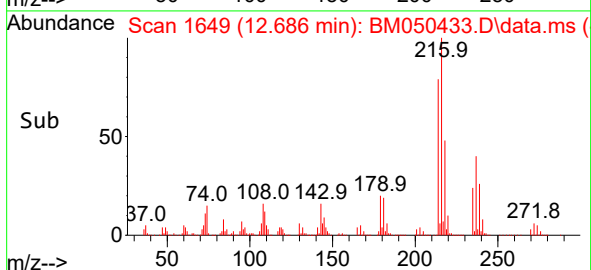
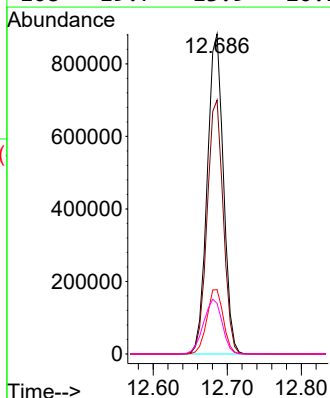
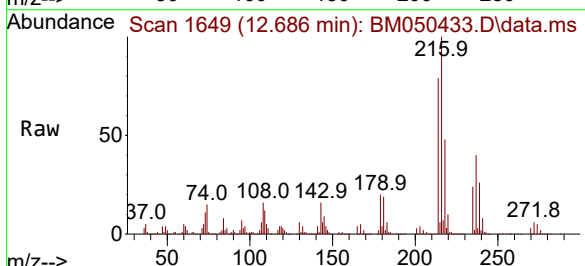
Ion Ratio Lower Upper

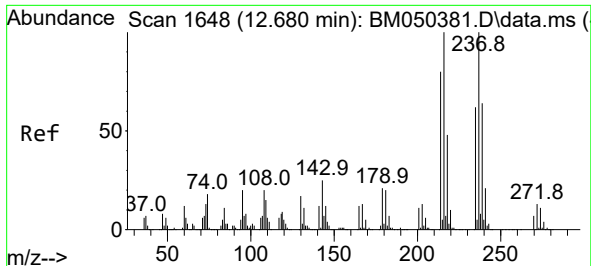
216 100

214 79.1 63.3 94.9

179 20.6 16.4 24.6

108 19.7 13.9 20.9

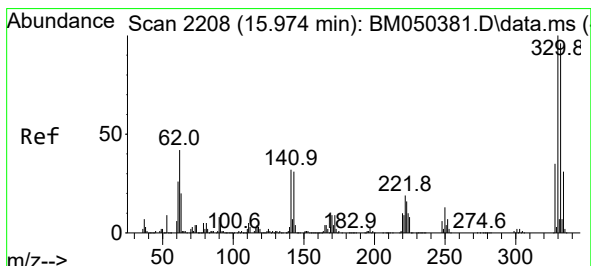
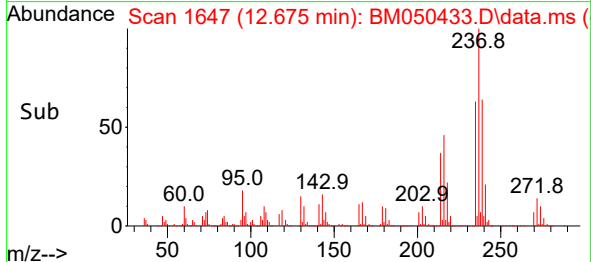
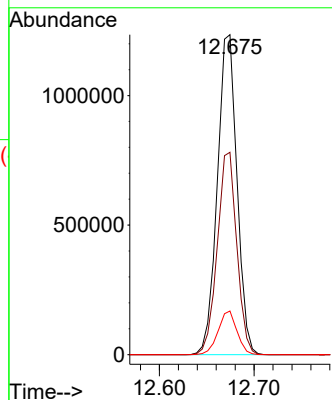
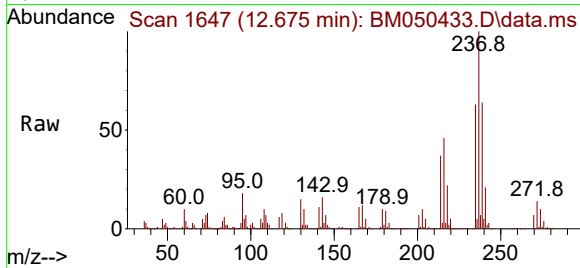




#41
Hexachlorocyclopentadiene
Concen: 110.810 ng
RT: 12.675 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050433.D
Acq: 14 Jul 2025 19:34

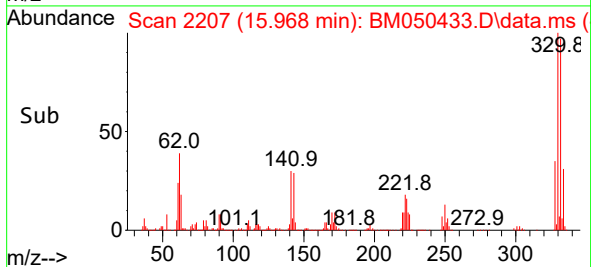
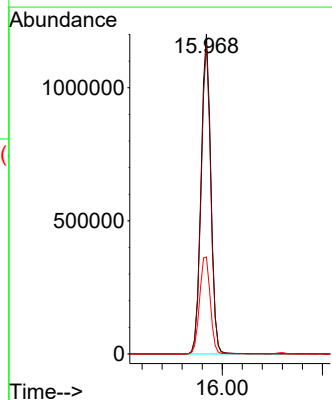
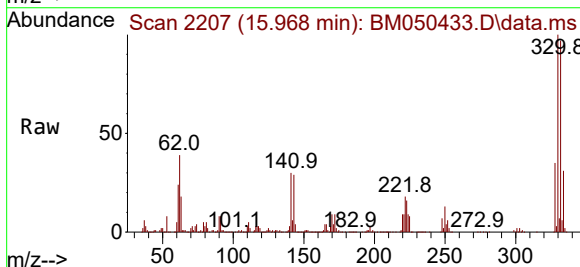
Instrument :
BNA_M
ClientSampleId :
PB168820BS

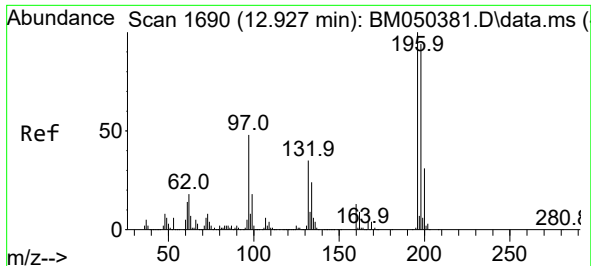
Tgt Ion:237 Resp: 1784490
Ion Ratio Lower Upper
237 100
235 63.3 42.3 82.3
272 13.7 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 168.739 ng
RT: 15.968 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BM050433.D
Acq: 14 Jul 2025 19:34

Tgt Ion:330 Resp: 1624216
Ion Ratio Lower Upper
330 100
332 95.6 76.9 115.3
141 33.1 27.4 41.0

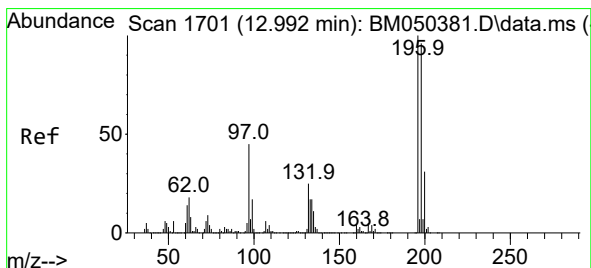
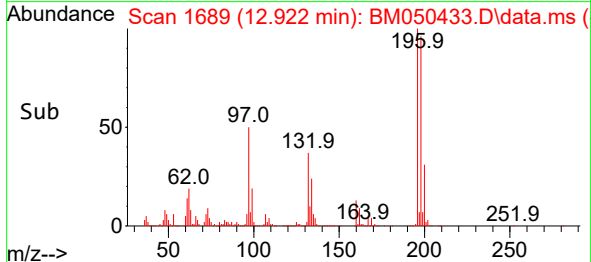
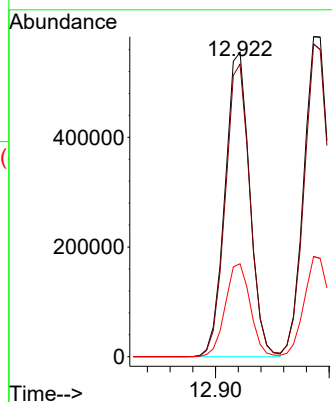
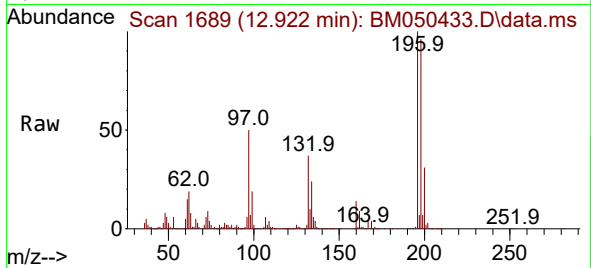




#43
2,4,6-Trichlorophenol
Concen: 54.113 ng
RT: 12.922 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050433.D
Acq: 14 Jul 2025 19:34

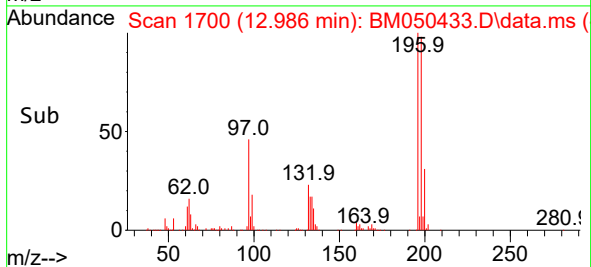
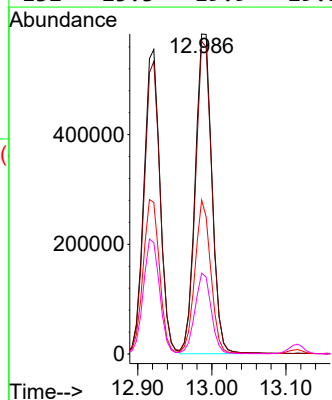
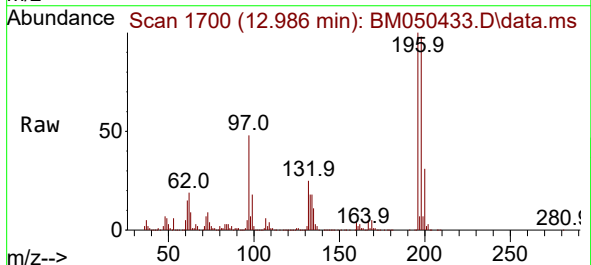
Instrument :
BNA_M
ClientSampleId :
PB168820BS

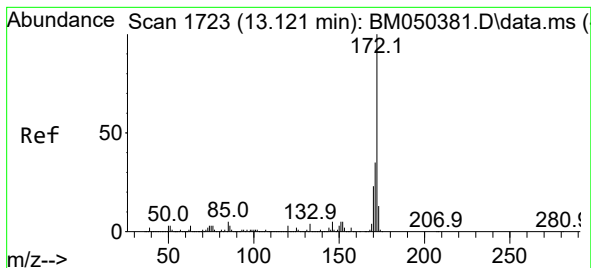
Tgt Ion:196 Resp: 839162
Ion Ratio Lower Upper
196 100
198 96.1 75.1 112.7
200 30.6 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 53.875 ng
RT: 12.986 min Scan# 1700
Delta R.T. -0.006 min
Lab File: BM050433.D
Acq: 14 Jul 2025 19:34

Tgt Ion:196 Resp: 912441
Ion Ratio Lower Upper
196 100
198 97.7 77.2 115.8
97 48.1 36.2 54.4
132 25.3 19.9 29.9





#45

2-Fluorobiphenyl

Concen: 93.377 ng

RT: 13.116 min Scan# 1722

Delta R.T. -0.006 min

Lab File: BM050433.D

Acq: 14 Jul 2025 19:34

Instrument :

BNA_M

ClientSampleId :

PB168820BS

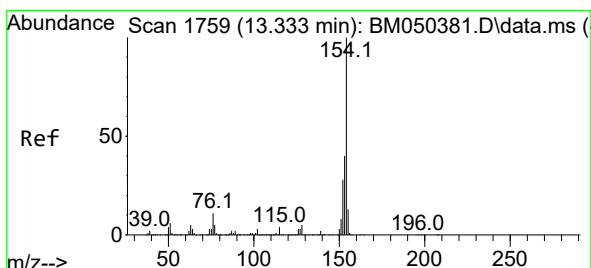
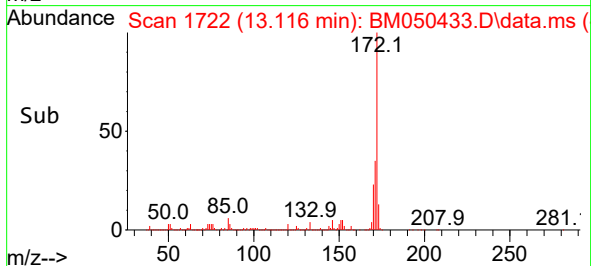
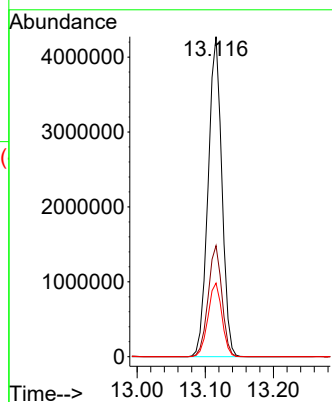
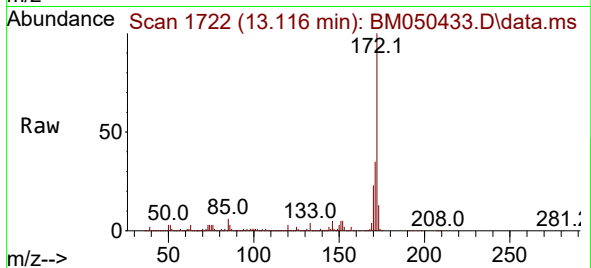
Tgt Ion:172 Resp: 5990252

Ion Ratio Lower Upper

172 100

171 34.7 27.7 41.5

170 23.0 18.8 28.2



#46

1,1'-Biphenyl

Concen: 52.058 ng

RT: 13.322 min Scan# 1757

Delta R.T. -0.012 min

Lab File: BM050433.D

Acq: 14 Jul 2025 19:34

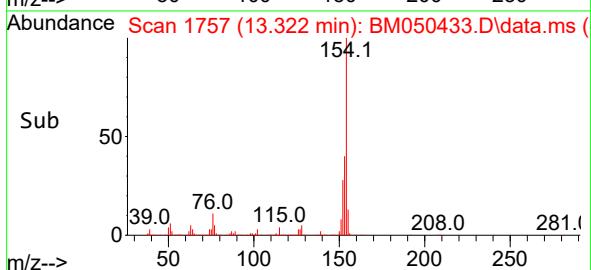
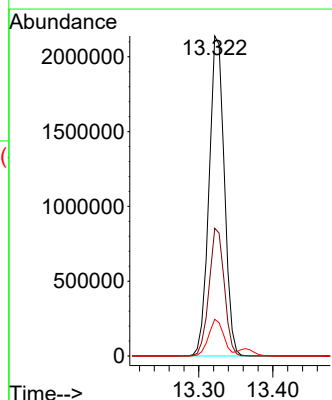
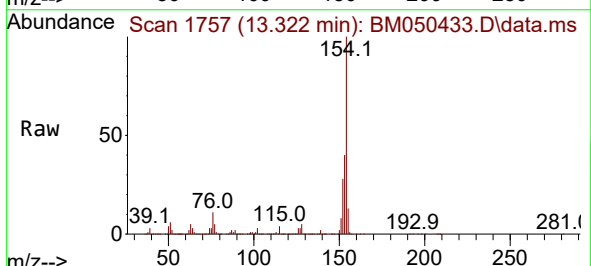
Tgt Ion:154 Resp: 3059882

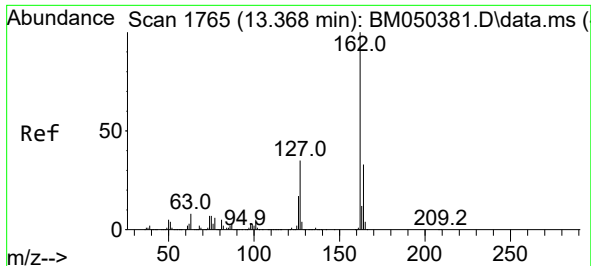
Ion Ratio Lower Upper

154 100

153 39.9 19.7 59.7

76 11.5 0.0 30.9

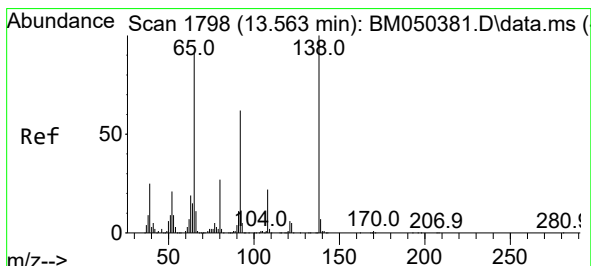
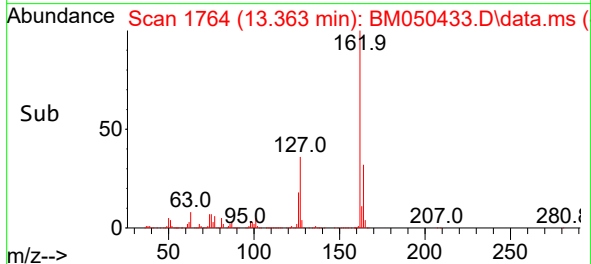
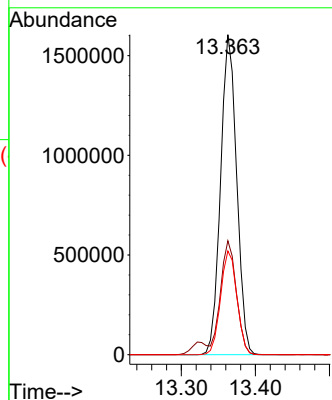
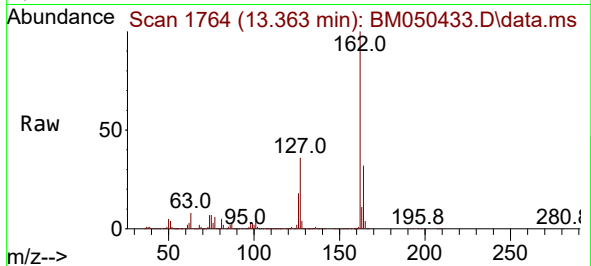




#47
2-Chloronaphthalene
Concen: 51.601 ng
RT: 13.363 min Scan# 1764
Delta R.T. -0.006 min
Lab File: BM050433.D
Acq: 14 Jul 2025 19:34

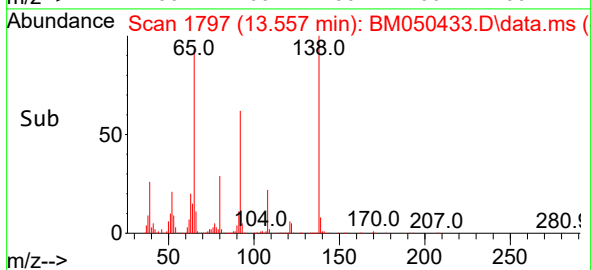
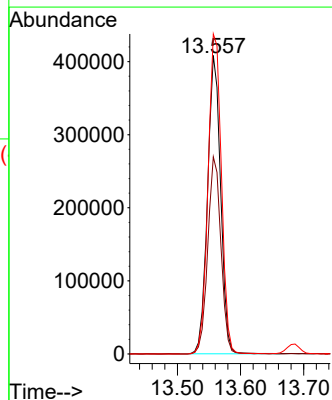
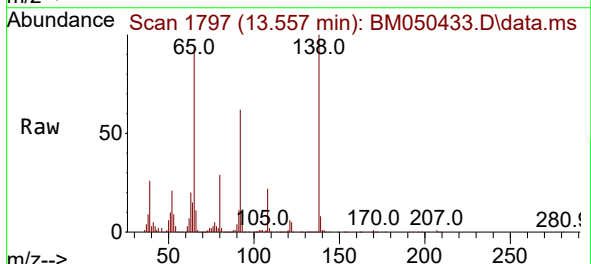
Instrument :
BNA_M
ClientSampleId :
PB168820BS

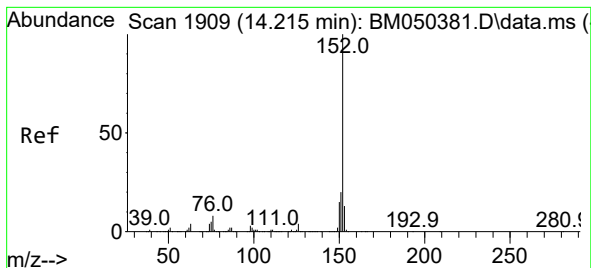
Tgt Ion:162 Resp: 2418230
Ion Ratio Lower Upper
162 100
127 35.6 28.3 42.5
164 32.4 26.6 40.0



#48
2-Nitroaniline
Concen: 55.971 ng
RT: 13.557 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BM050433.D
Acq: 14 Jul 2025 19:34

Tgt Ion: 65 Resp: 585492
Ion Ratio Lower Upper
65 100
92 66.0 54.3 81.5
138 107.2 87.8 131.6





#49

Acenaphthylene

Concen: 52.601 ng

RT: 14.210 min Scan# 1909

Delta R.T. -0.006 min

Lab File: BM050433.D

Acq: 14 Jul 2025 19:34

Instrument :

BNA_M

ClientSampleId :

PB168820BS

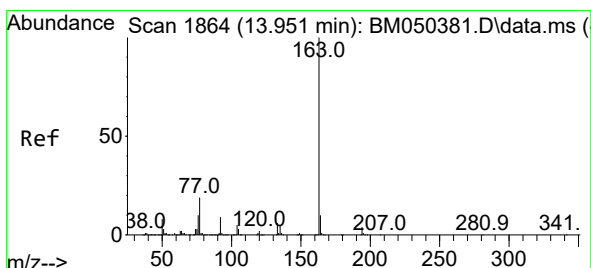
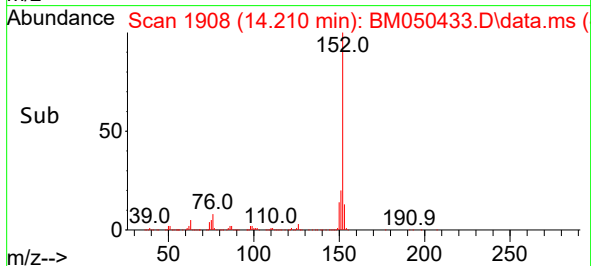
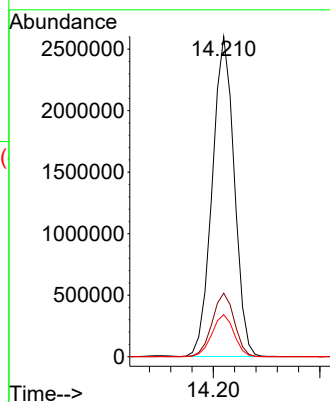
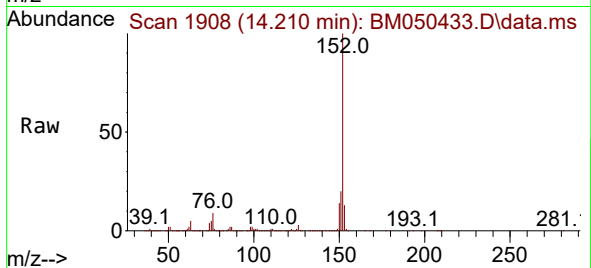
Tgt Ion:152 Resp: 3725502

Ion Ratio Lower Upper

152 100

151 19.8 16.3 24.5

153 13.2 10.6 15.8



#50

Dimethylphthalate

Concen: 50.778 ng

RT: 13.945 min Scan# 1863

Delta R.T. -0.006 min

Lab File: BM050433.D

Acq: 14 Jul 2025 19:34

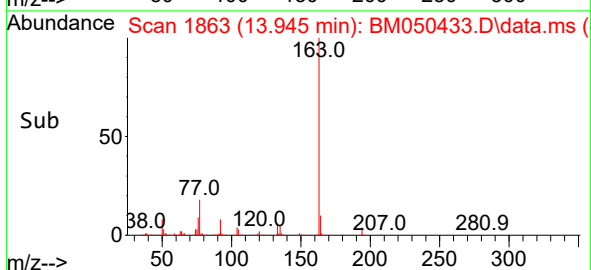
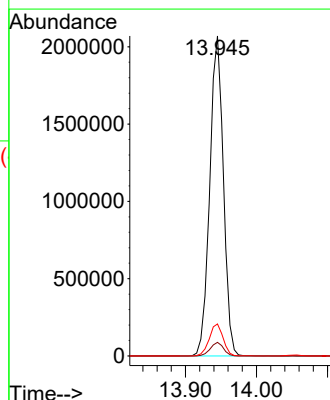
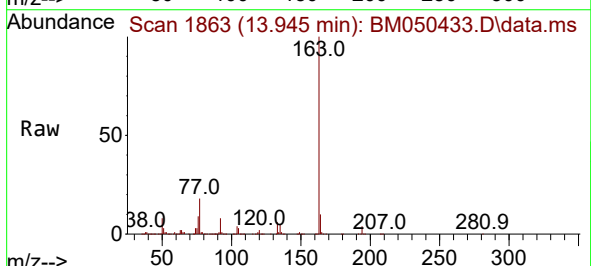
Tgt Ion:163 Resp: 2769562

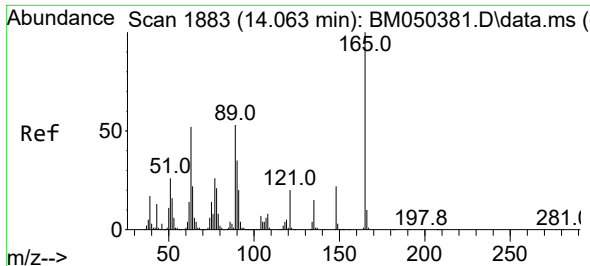
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

164 10.0 8.2 12.2

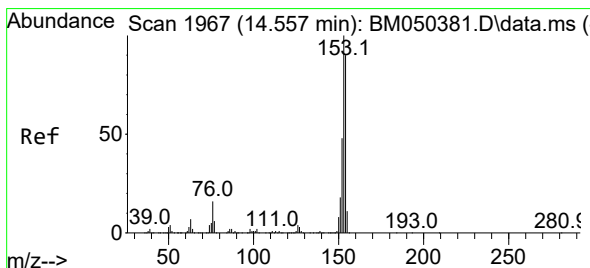
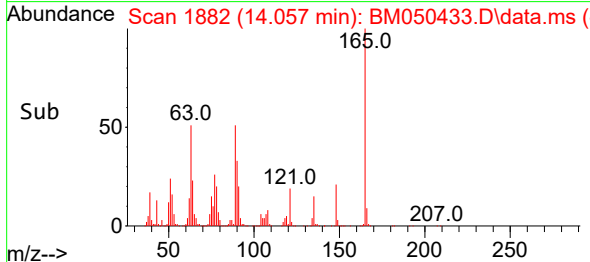
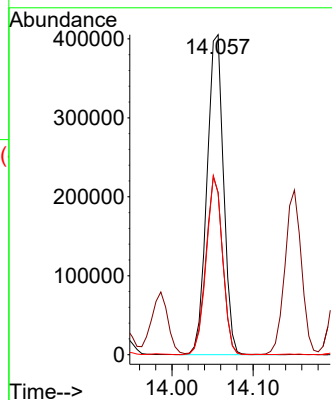
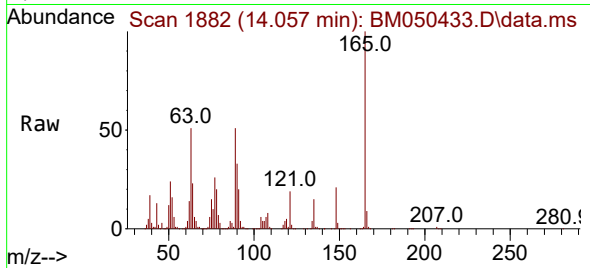




#51
2,6-Dinitrotoluene
Concen: 54.760 ng
RT: 14.057 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BM050433.D
Acq: 14 Jul 2025 19:34

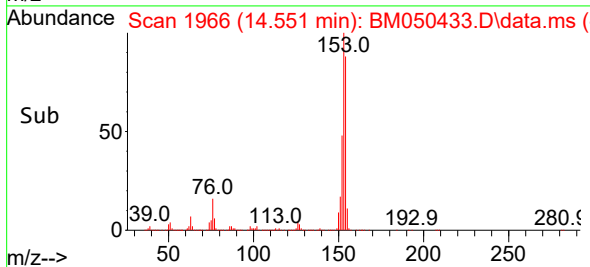
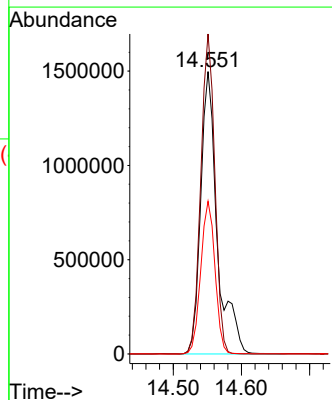
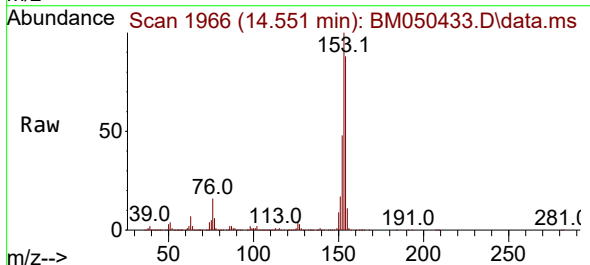
Instrument :
BNA_M
ClientSampleId :
PB168820BS

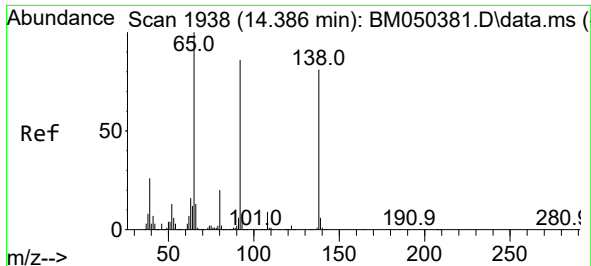
Tgt Ion:165 Resp: 573466
Ion Ratio Lower Upper
165 100
63 50.7 42.4 63.6
89 50.5 42.2 63.2



#52
Acenaphthene
Concen: 56.309 ng
RT: 14.551 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BM050433.D
Acq: 14 Jul 2025 19:34

Tgt Ion:154 Resp: 2535484
Ion Ratio Lower Upper
154 100
153 113.3 89.2 133.8
152 54.1 42.6 64.0

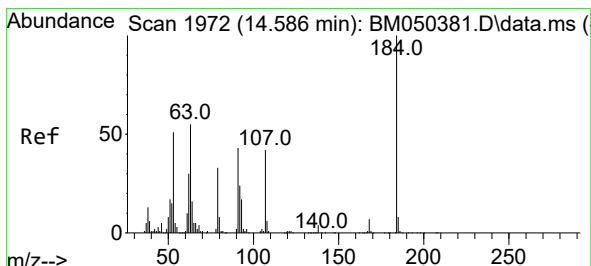
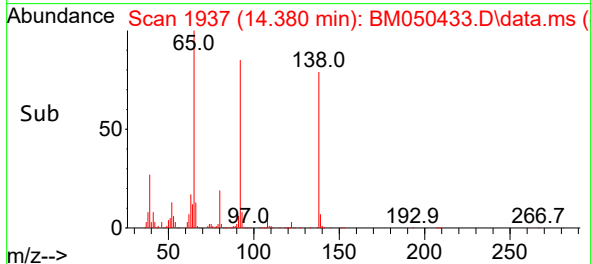
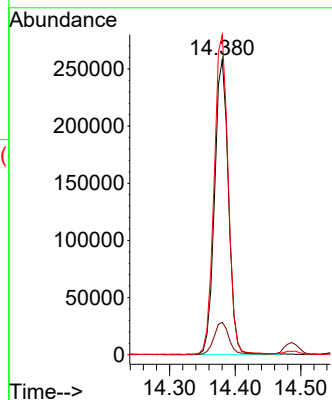
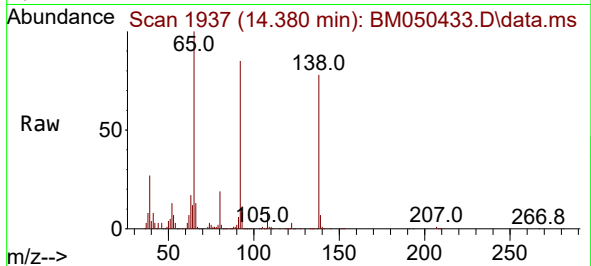




#53
3-Nitroaniline
Concen: 34.090 ng
RT: 14.380 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BM050433.D
Acq: 14 Jul 2025 19:34

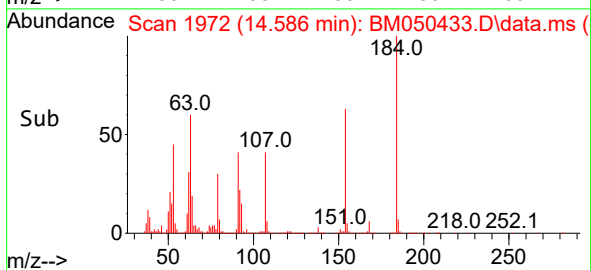
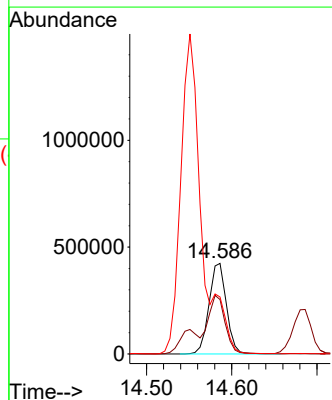
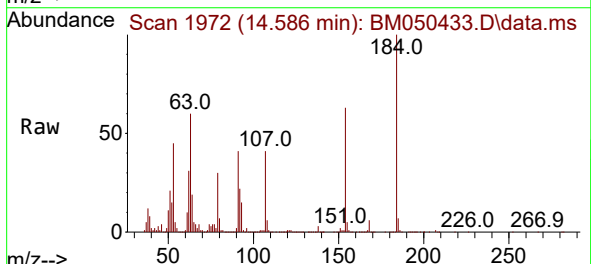
Instrument :
BNA_M
ClientSampleId :
PB168820BS

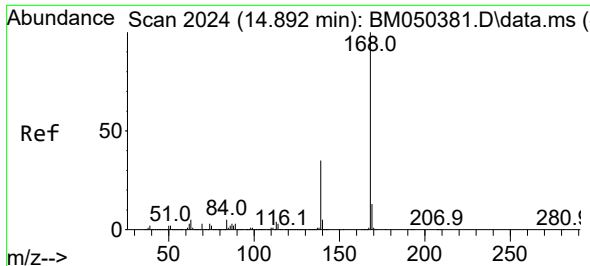
Tgt Ion:138 Resp: 379664
Ion Ratio Lower Upper
138 100
108 10.9 8.8 13.2
92 108.4 85.0 127.6



#54
2,4-Dinitrophenol
Concen: 102.223 ng
RT: 14.586 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BM050433.D
Acq: 14 Jul 2025 19:34

Tgt Ion:184 Resp: 601902
Ion Ratio Lower Upper
184 100
63 60.0 53.4 80.0
154 62.8 61.6 92.4

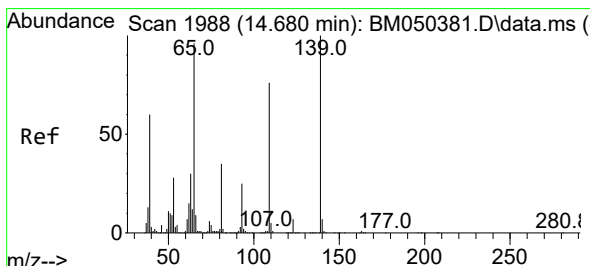
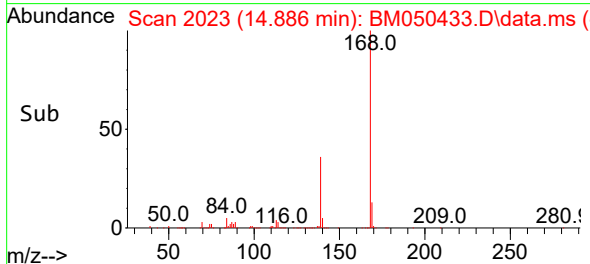
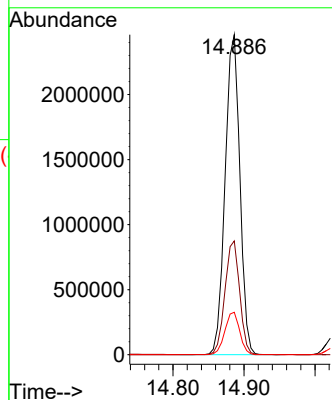
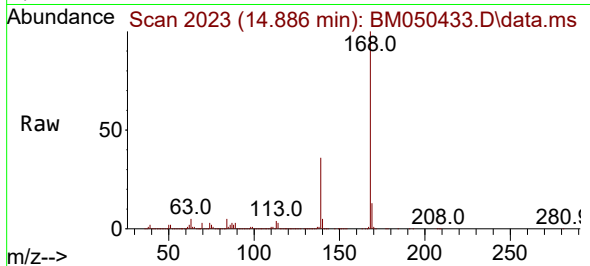




#55
Dibenzofuran
Concen: 50.894 ng
RT: 14.886 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM050433.D
Acq: 14 Jul 2025 19:34

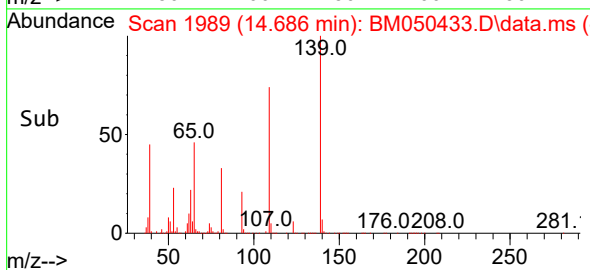
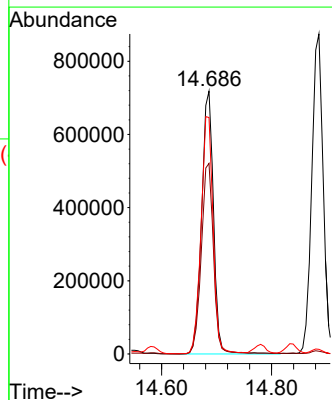
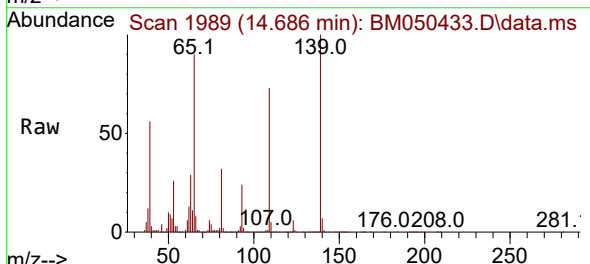
Instrument :
BNA_M
ClientSampleId :
PB168820BS

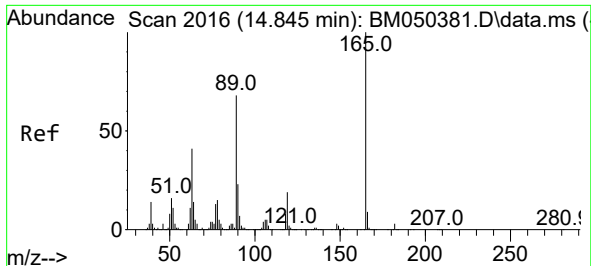
Tgt Ion:168 Resp: 3530998
Ion Ratio Lower Upper
168 100
139 35.6 27.7 41.5
169 13.3 10.7 16.1



#56
4-Nitrophenol
Concen: 112.590 ng
RT: 14.686 min Scan# 1989
Delta R.T. 0.006 min
Lab File: BM050433.D
Acq: 14 Jul 2025 19:34

Tgt Ion:139 Resp: 1078354
Ion Ratio Lower Upper
139 100
109 72.6 56.5 96.5
65 90.0 76.4 116.4

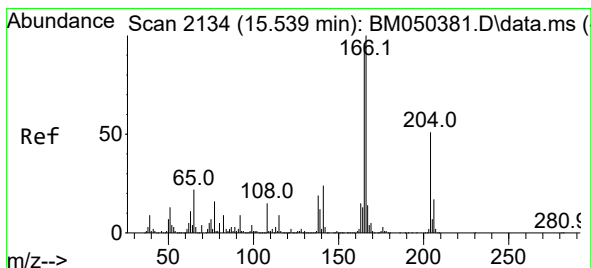
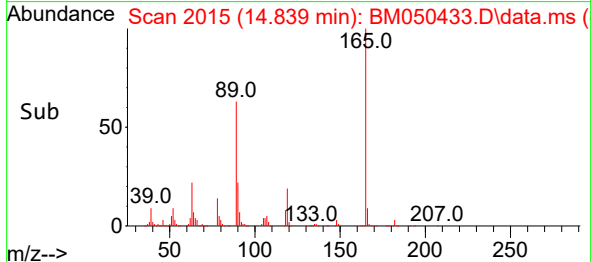
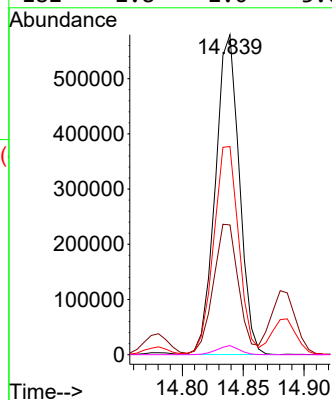
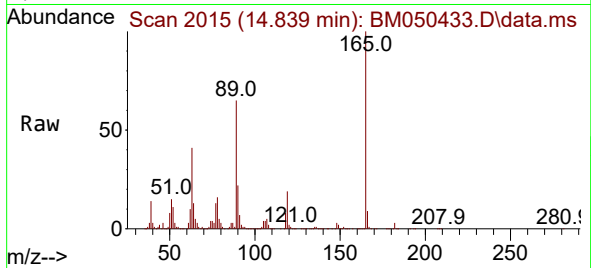




#57
2,4-Dinitrotoluene
Concen: 50.481 ng
RT: 14.839 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BM050433.D
Acq: 14 Jul 2025 19:34

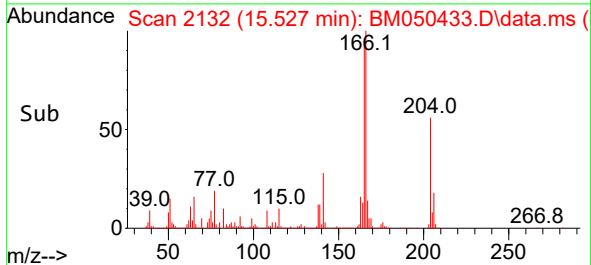
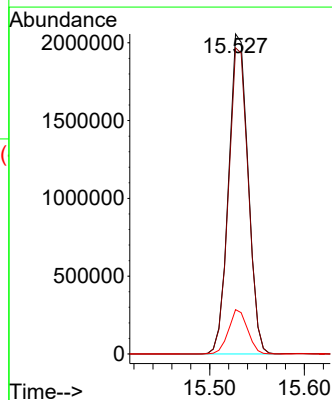
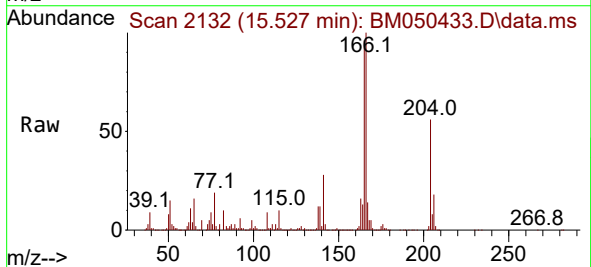
Instrument :
BNA_M
ClientSampleId :
PB168820BS

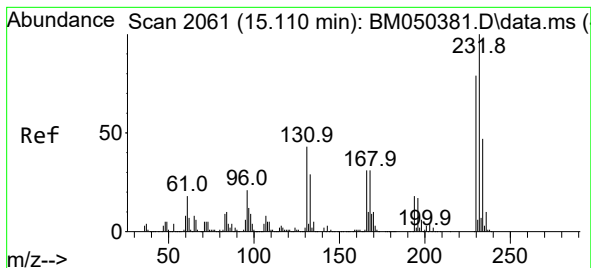
Tgt Ion:165 Resp: 793751
Ion Ratio Lower Upper
165 100
63 40.6 32.5 48.7
89 65.0 54.0 81.0
182 2.8 2.0 3.0



#58
Fluorene
Concen: 51.491 ng
RT: 15.527 min Scan# 2132
Delta R.T. -0.012 min
Lab File: BM050433.D
Acq: 14 Jul 2025 19:34

Tgt Ion:166 Resp: 2942488
Ion Ratio Lower Upper
166 100
165 95.6 77.0 115.6
167 13.9 10.9 16.3

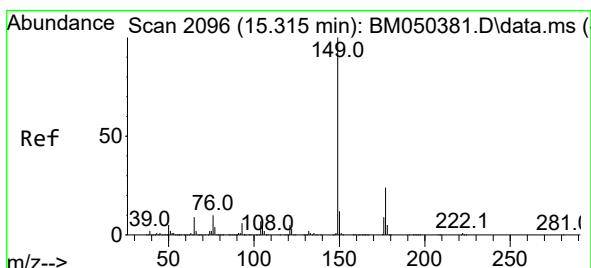
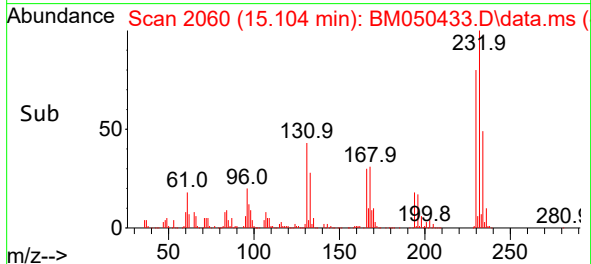
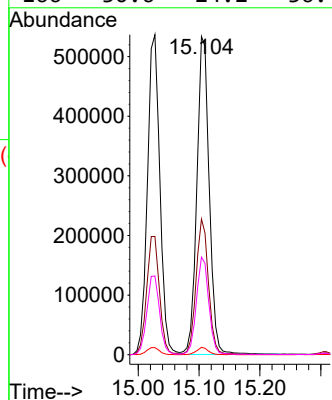
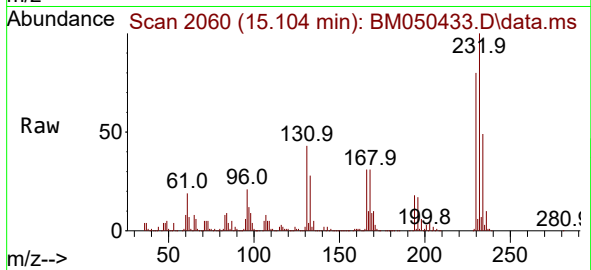




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.855 ng
RT: 15.104 min Scan# 2060
Delta R.T. -0.006 min
Lab File: BM050433.D
Acq: 14 Jul 2025 19:34

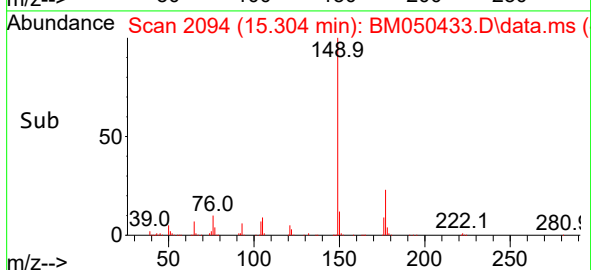
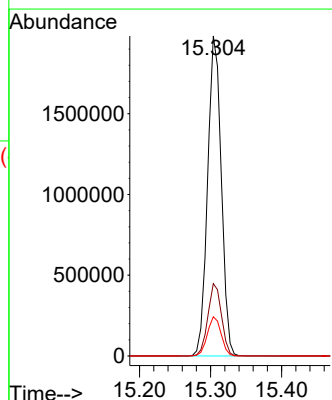
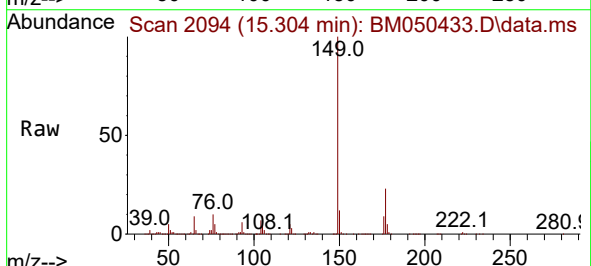
Instrument :
BNA_M
ClientSampleId :
PB168820BS

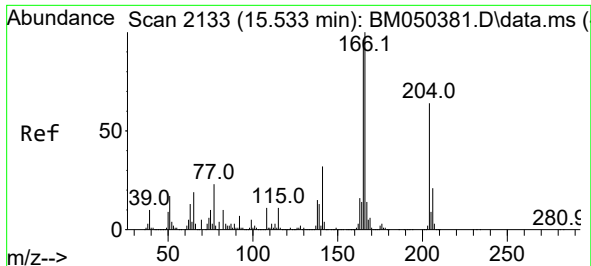
Tgt Ion:232 Resp: 753553
Ion Ratio Lower Upper
232 100
131 42.5 33.4 50.0
130 2.2 1.8 2.6
166 30.6 24.2 36.4



#60
Diethylphthalate
Concen: 50.891 ng
RT: 15.304 min Scan# 2094
Delta R.T. -0.012 min
Lab File: BM050433.D
Acq: 14 Jul 2025 19:34

Tgt Ion:149 Resp: 2651472
Ion Ratio Lower Upper
149 100
177 22.6 18.8 28.2
150 12.3 9.8 14.8

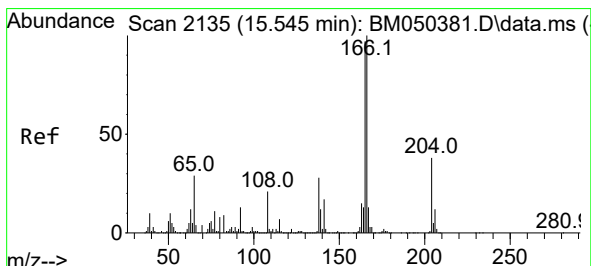
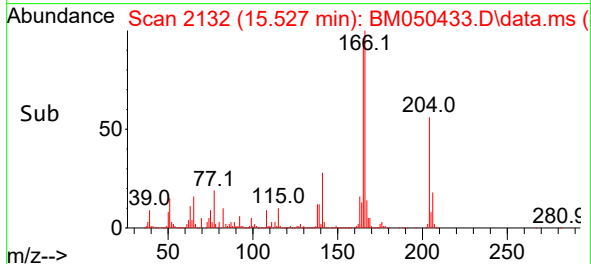
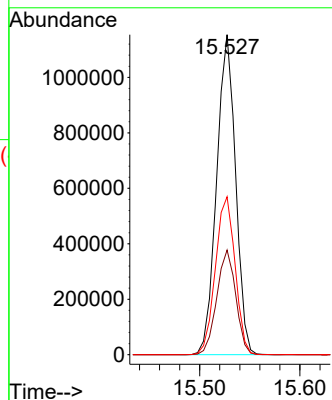
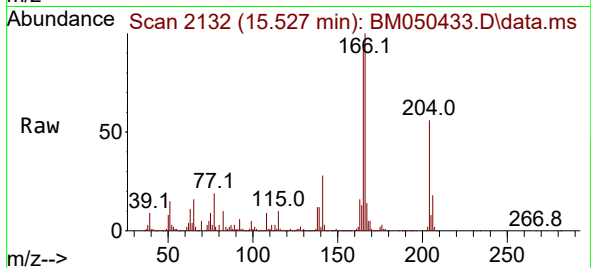




#61
4-Chlorophenyl-phenylether
Concen: 50.681 ng
RT: 15.527 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BM050433.D
Acq: 14 Jul 2025 19:34

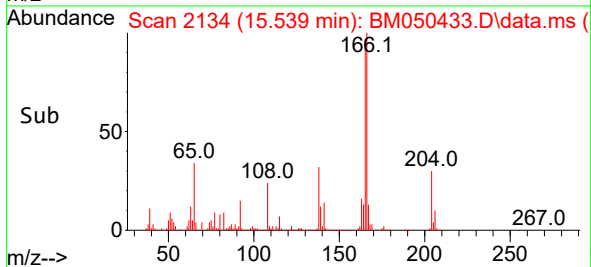
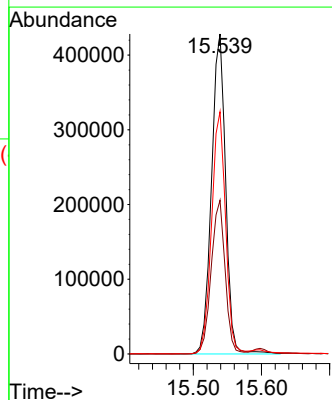
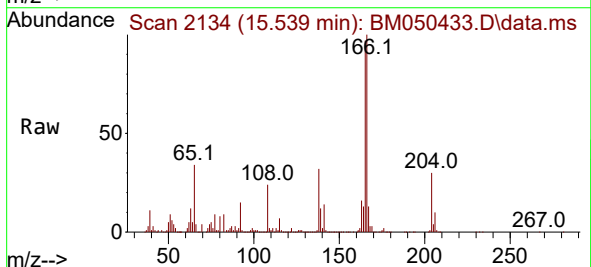
Instrument :
BNA_M
ClientSampleId :
PB168820BS

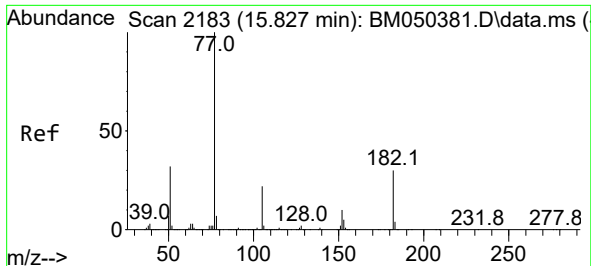
Tgt Ion:204 Resp: 1514397
Ion Ratio Lower Upper
204 100
206 32.7 26.6 39.8
141 49.4 39.9 59.9



#62
4-Nitroaniline
Concen: 48.174 ng
RT: 15.539 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BM050433.D
Acq: 14 Jul 2025 19:34

Tgt Ion:138 Resp: 616949
Ion Ratio Lower Upper
138 100
92 48.0 24.5 64.5
108 75.7 52.5 92.5



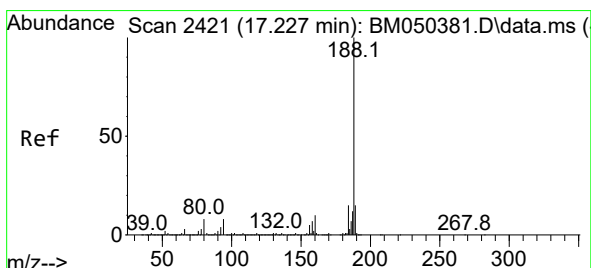
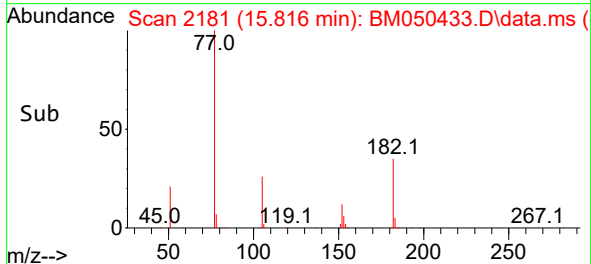
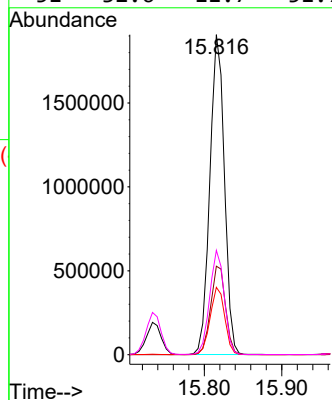
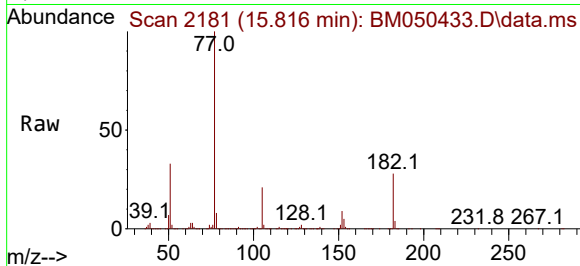


#63
Azobenzene
Concen: 51.993 ng
RT: 15.816 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050433.D
Acq: 14 Jul 2025 19:34

Instrument :
BNA_M
ClientSampleId :
PB168820BS

Tgt Ion: 77 Resp: 2487435

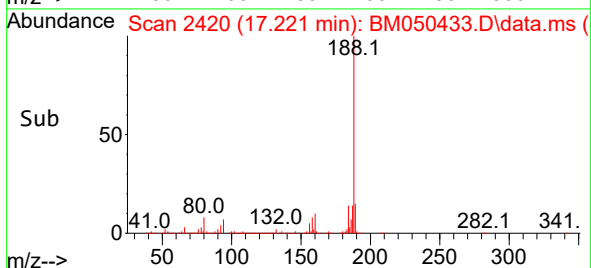
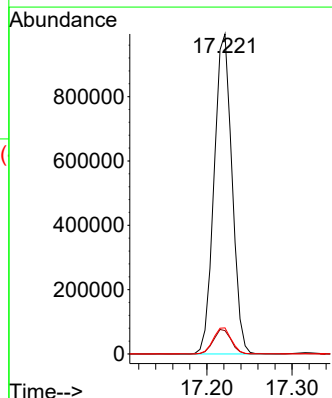
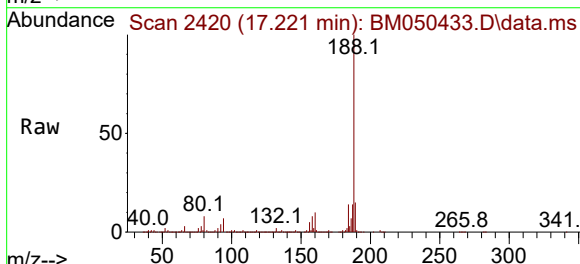
Ion	Ratio	Lower	Upper
77	100		
182	27.6	10.0	50.0
105	21.0	2.0	42.0
51	32.6	11.7	51.7

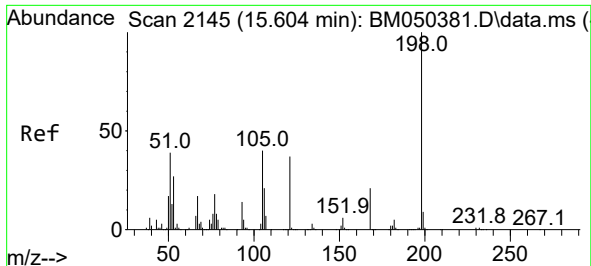


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BM050433.D
Acq: 14 Jul 2025 19:34

Tgt Ion: 188 Resp: 1449594

Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.0	9.0
80	8.2	6.5	9.7

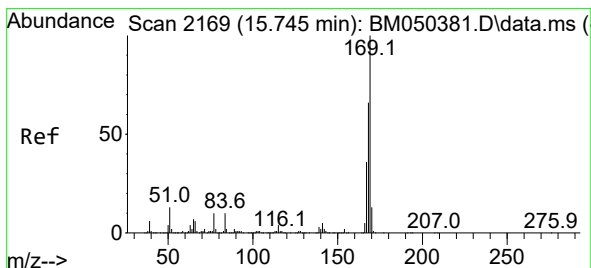
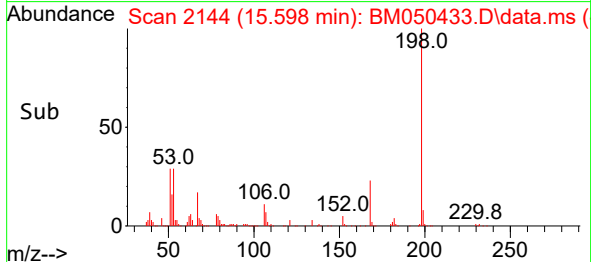
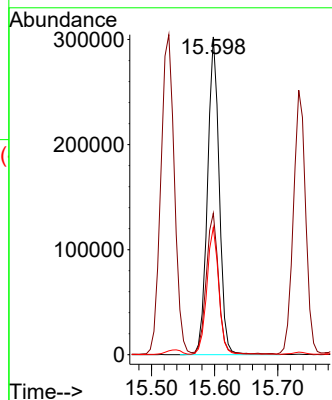
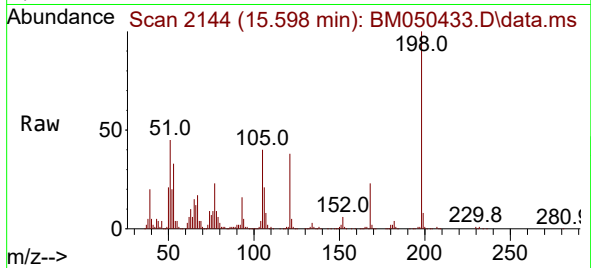




#65
4,6-Dinitro-2-methylphenol
Concen: 49.680 ng
RT: 15.598 min Scan# 2144
Delta R.T. -0.006 min
Lab File: BM050433.D
Acq: 14 Jul 2025 19:34

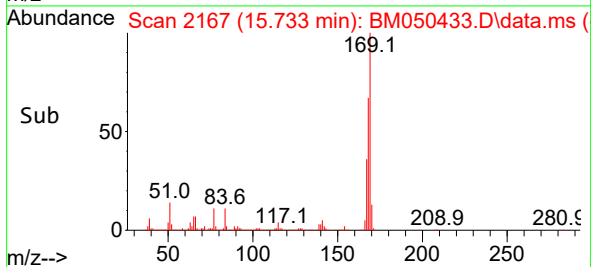
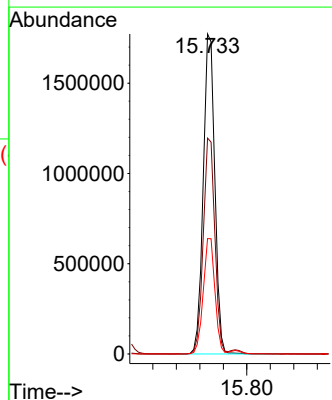
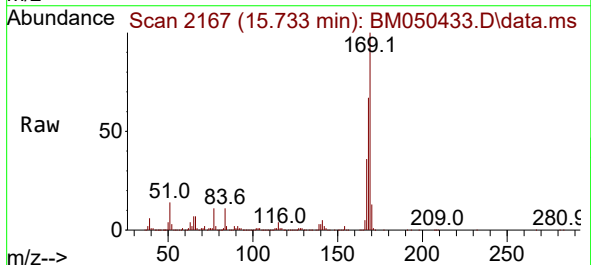
Instrument :
BNA_M
ClientSampleId :
PB168820BS

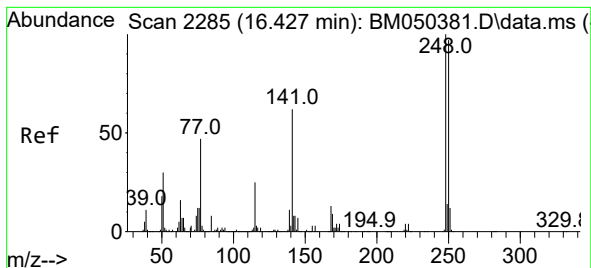
Tgt Ion:198 Resp: 389215
Ion Ratio Lower Upper
198 100
51 44.5 26.6 66.6
105 40.1 20.9 60.9



#66
n-Nitrosodiphenylamine
Concen: 53.255 ng
RT: 15.733 min Scan# 2167
Delta R.T. -0.012 min
Lab File: BM050433.D
Acq: 14 Jul 2025 19:34

Tgt Ion:169 Resp: 2415663
Ion Ratio Lower Upper
169 100
168 67.4 53.2 79.8
167 36.0 28.7 43.1

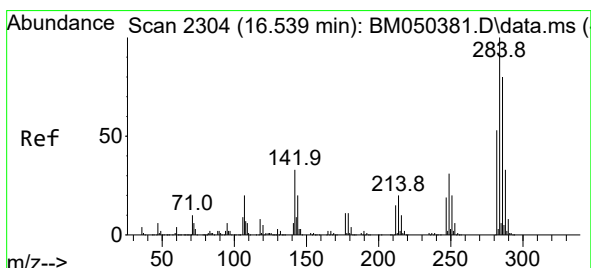
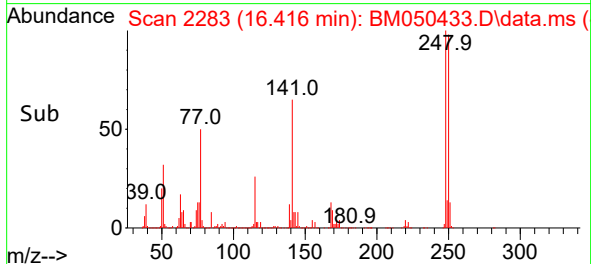
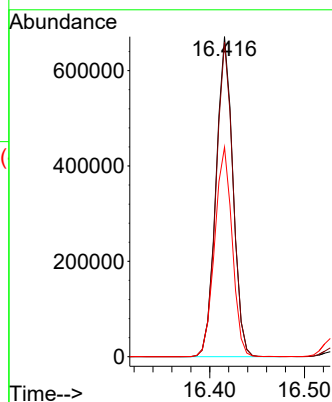
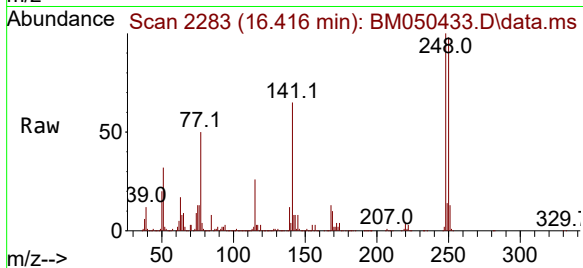




#67
4-Bromophenyl-phenylether
Concen: 52.353 ng
RT: 16.416 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050433.D
Acq: 14 Jul 2025 19:34

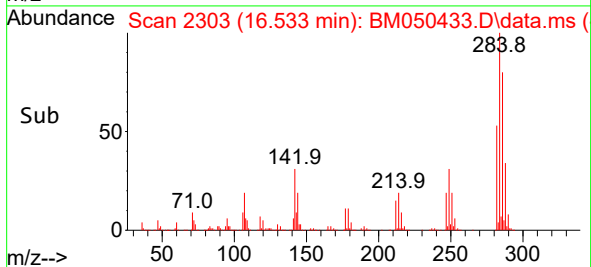
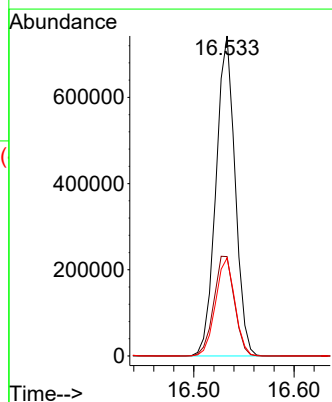
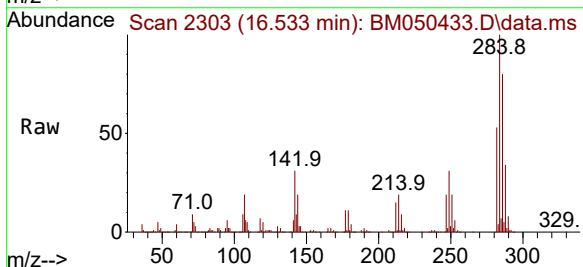
Instrument :
BNA_M
ClientSampleId :
PB168820BS

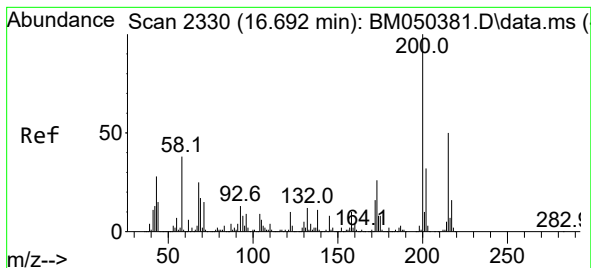
Tgt Ion:248 Resp: 836137
Ion Ratio Lower Upper
248 100
250 98.3 77.9 116.9
141 65.4 49.7 74.5



#68
Hexachlorobenzene
Concen: 52.100 ng
RT: 16.533 min Scan# 2303
Delta R.T. -0.006 min
Lab File: BM050433.D
Acq: 14 Jul 2025 19:34

Tgt Ion:284 Resp: 982766
Ion Ratio Lower Upper
284 100
142 31.1 26.8 40.2
249 30.6 24.5 36.7





#69

Atrazine

Concen: 53.839 ng

RT: 16.680 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM050433.D

Acq: 14 Jul 2025 19:34

Instrument :

BNA_M

ClientSampleId :

PB168820BS

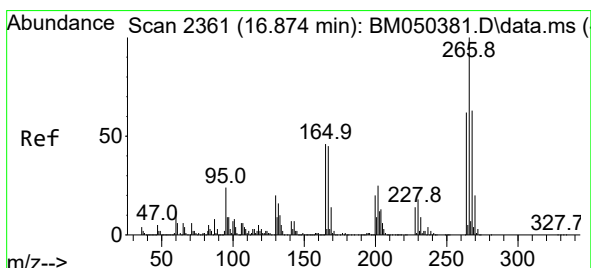
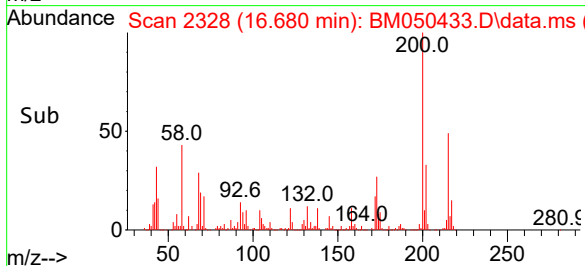
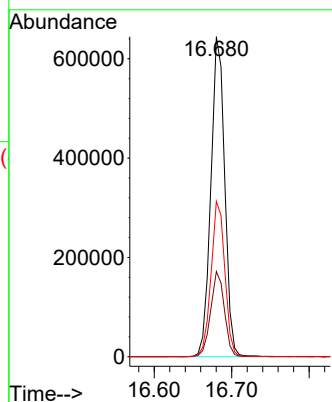
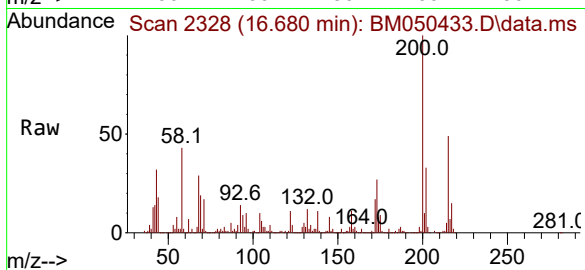
Tgt Ion:200 Resp: 801913

Ion Ratio Lower Upper

200 100

173 26.6 5.6 45.6

215 48.5 29.6 69.6



#70

Pentachlorophenol

Concen: 115.957 ng

RT: 16.868 min Scan# 2360

Delta R.T. -0.006 min

Lab File: BM050433.D

Acq: 14 Jul 2025 19:34

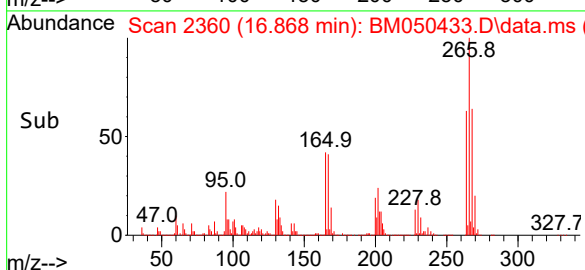
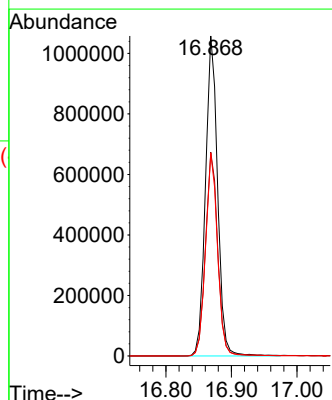
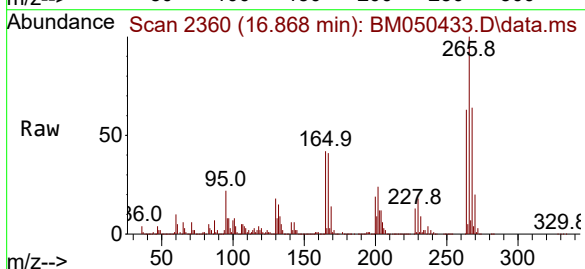
Tgt Ion:266 Resp: 1361627

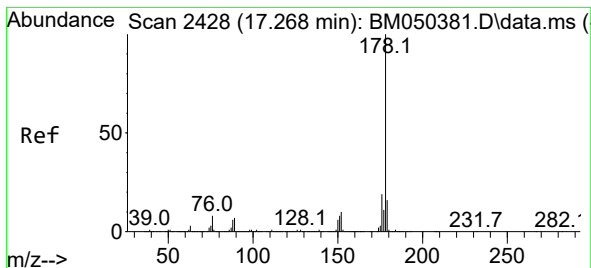
Ion Ratio Lower Upper

266 100

268 63.7 50.5 75.7

264 63.5 49.9 74.9





#71

Phenanthrene

Concen: 51.476 ng

RT: 17.263 min Scan# 2428

Delta R.T. -0.006 min

Lab File: BM050433.D

Acq: 14 Jul 2025 19:34

Instrument :

BNA_M

ClientSampleId :

PB168820BS

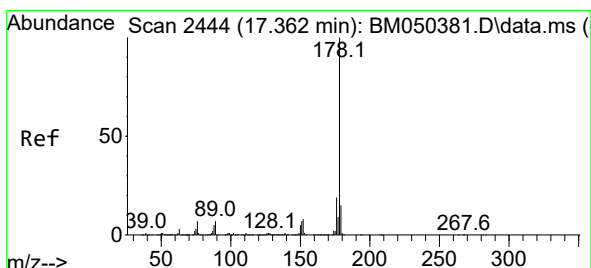
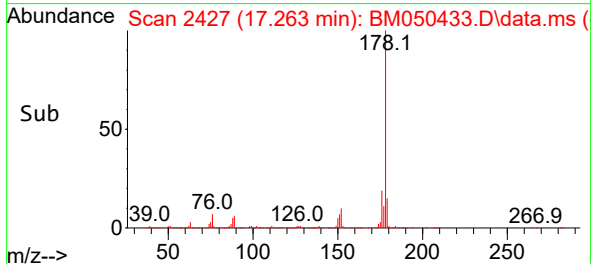
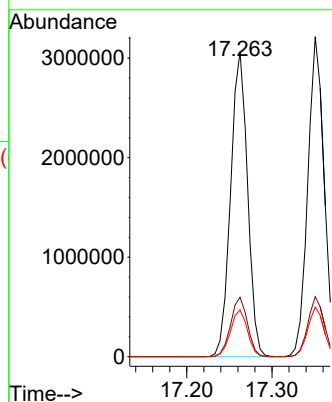
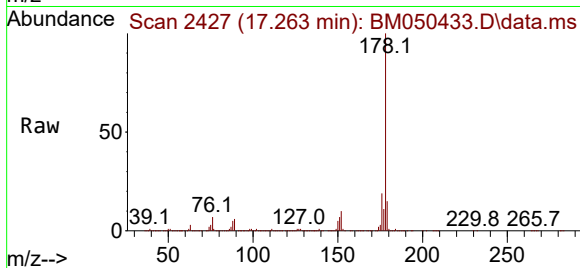
Tgt Ion:178 Resp: 4222371

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.0

179 15.3 12.5 18.7



#72

Anthracene

Concen: 52.556 ng

RT: 17.351 min Scan# 2442

Delta R.T. -0.012 min

Lab File: BM050433.D

Acq: 14 Jul 2025 19:34

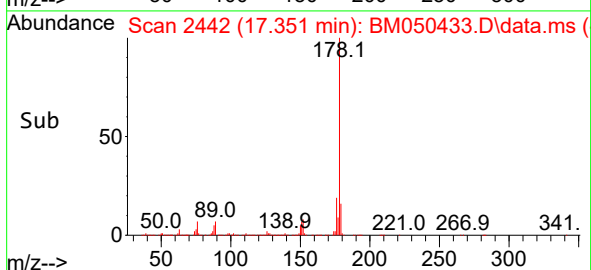
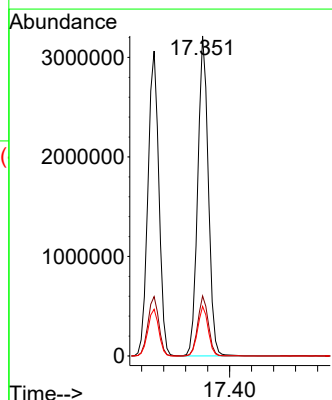
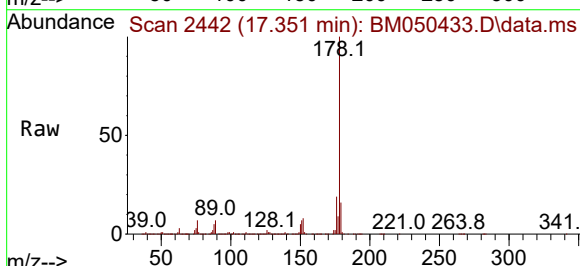
Tgt Ion:178 Resp: 4291168

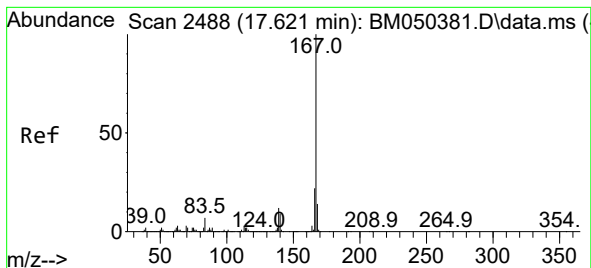
Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

179 15.5 12.2 18.4





#73

Carbazole

Concen: 53.039 ng

RT: 17.615 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM050433.D

Acq: 14 Jul 2025 19:34

Instrument :

BNA_M

ClientSampleId :

PB168820BS

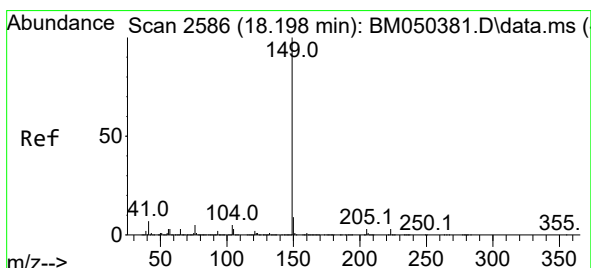
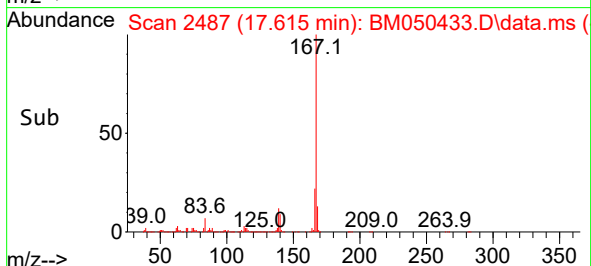
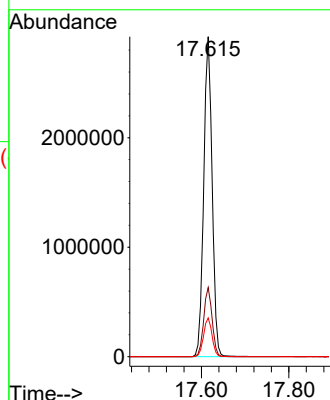
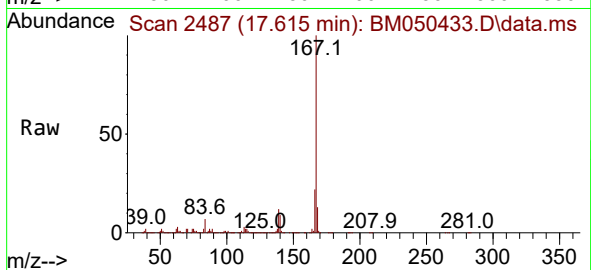
Tgt Ion:167 Resp: 3918370

Ion Ratio Lower Upper

167 100

166 21.6 17.2 25.8

139 12.1 9.9 14.9



#74

Di-n-butylphthalate

Concen: 52.380 ng

RT: 18.186 min Scan# 2584

Delta R.T. -0.012 min

Lab File: BM050433.D

Acq: 14 Jul 2025 19:34

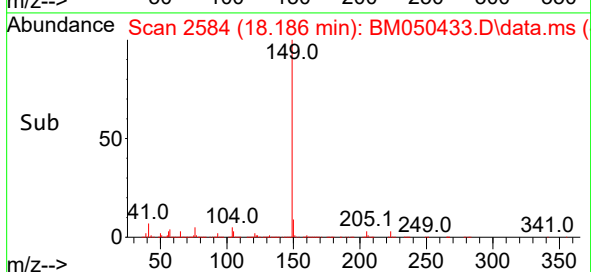
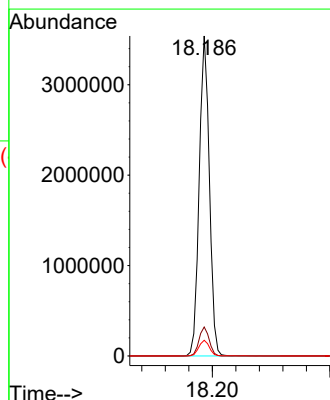
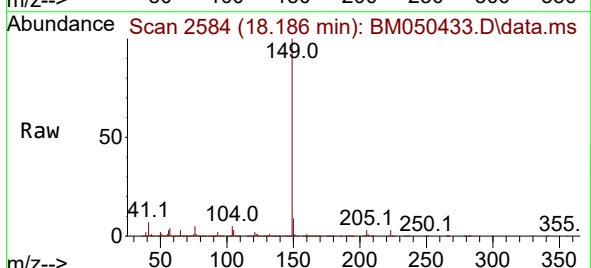
Tgt Ion:149 Resp: 4235612

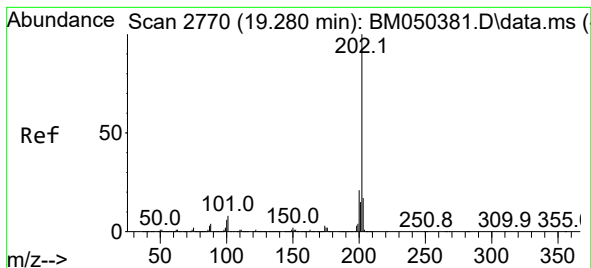
Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

104 4.9 3.9 5.9





#75

Fluoranthene

Concen: 52.382 ng

RT: 19.268 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM050433.D

Acq: 14 Jul 2025 19:34

Instrument :

BNA_M

ClientSampleId :

PB168820BS

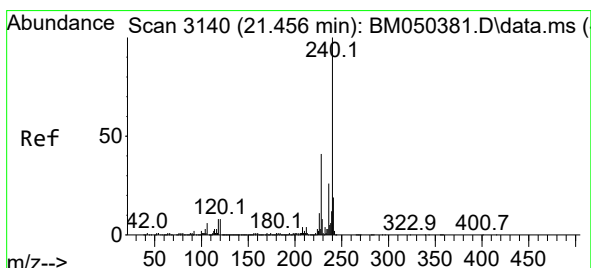
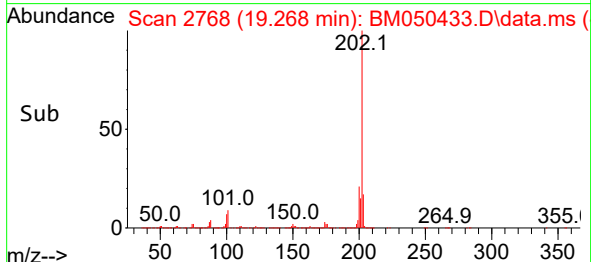
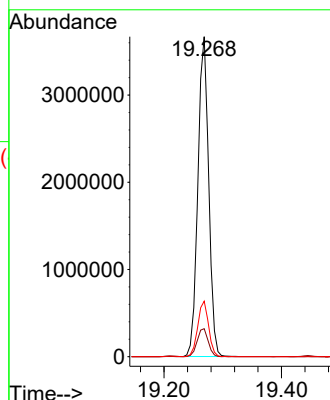
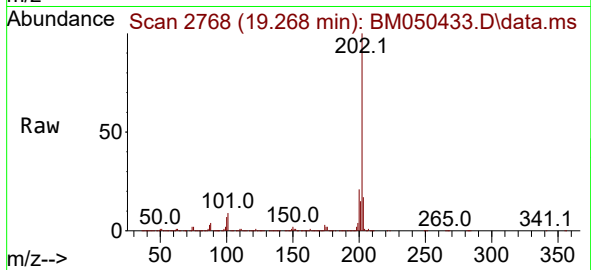
Tgt Ion:202 Resp: 4671011

Ion Ratio Lower Upper

202 100

101 8.8 0.0 28.3

203 17.4 0.0 37.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.439 min Scan# 3137

Delta R.T. -0.017 min

Lab File: BM050433.D

Acq: 14 Jul 2025 19:34

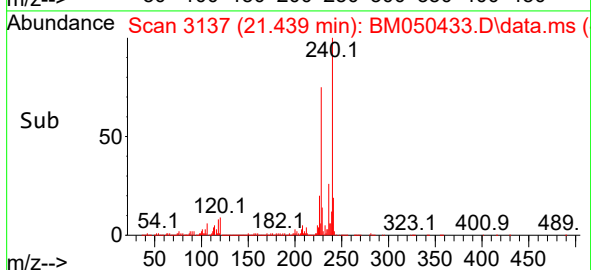
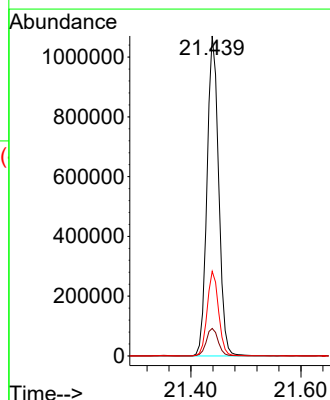
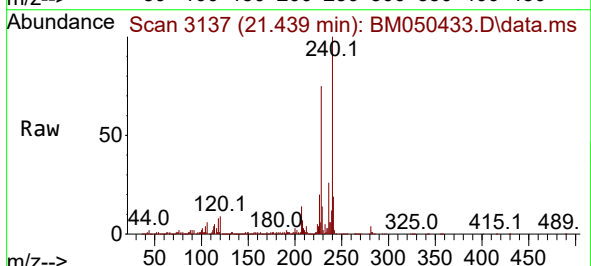
Tgt Ion:240 Resp: 1567426

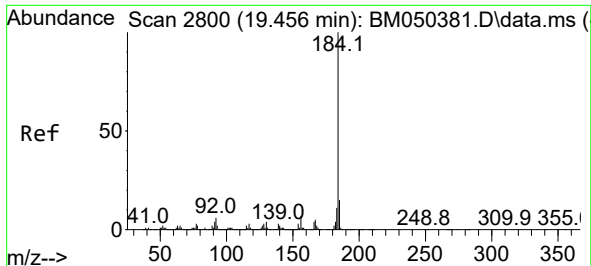
Ion Ratio Lower Upper

240 100

120 8.6 6.7 10.1

236 26.5 20.7 31.1

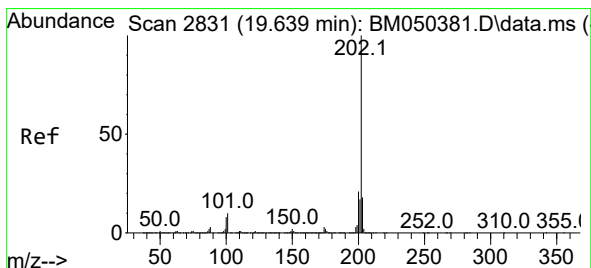
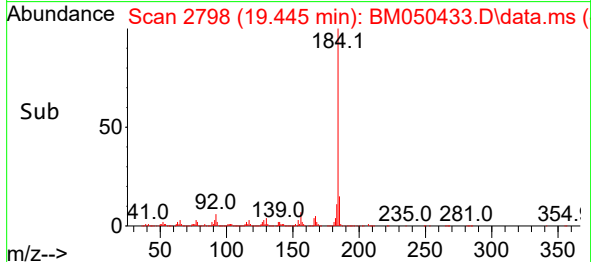
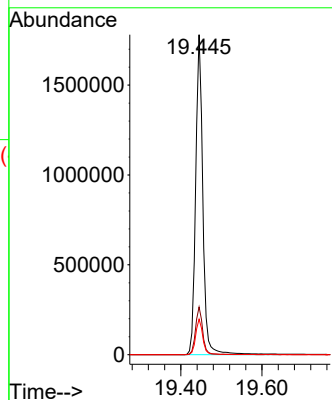
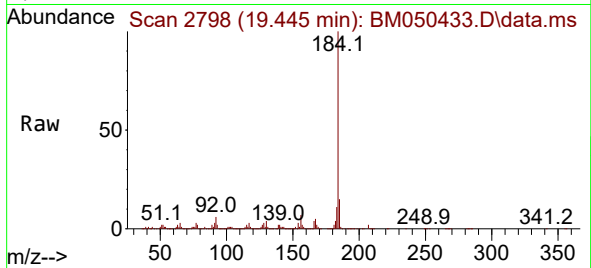




#77
Benzidine
Concen: 55.010 ng
RT: 19.445 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050433.D
Acq: 14 Jul 2025 19:34

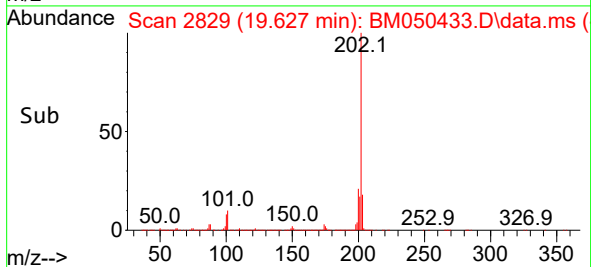
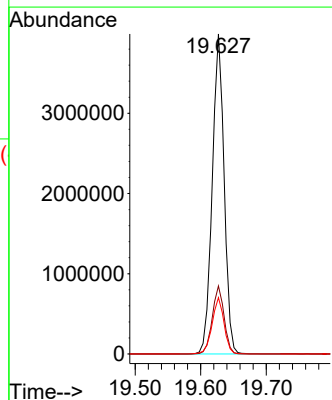
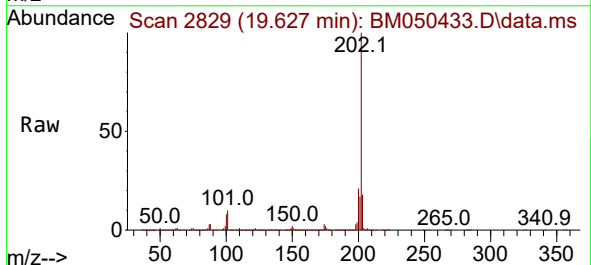
Instrument :
BNA_M
ClientSampleId :
PB168820BS

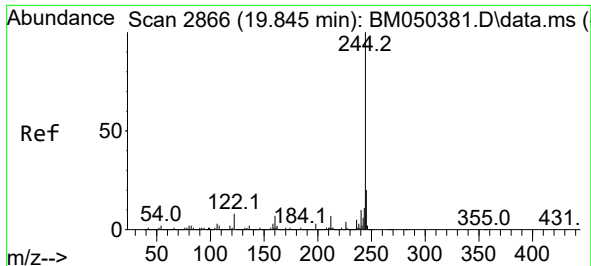
Tgt Ion:184 Resp: 2199279
Ion Ratio Lower Upper
184 100
185 14.9 11.7 17.5
183 11.1 9.0 13.6



#78
Pyrene
Concen: 50.021 ng
RT: 19.627 min Scan# 2829
Delta R.T. -0.012 min
Lab File: BM050433.D
Acq: 14 Jul 2025 19:34

Tgt Ion:202 Resp: 5021358
Ion Ratio Lower Upper
202 100
200 21.2 16.9 25.3
203 17.6 14.1 21.1

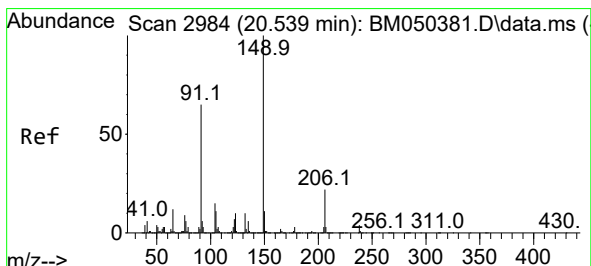
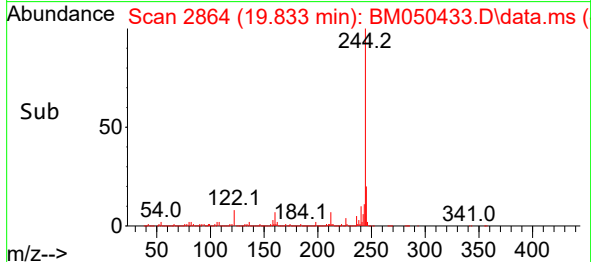
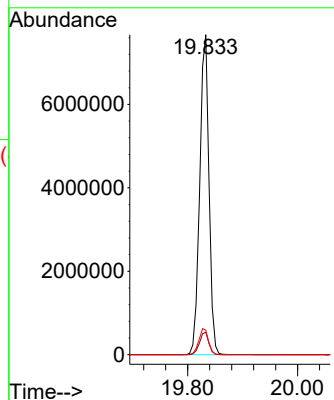
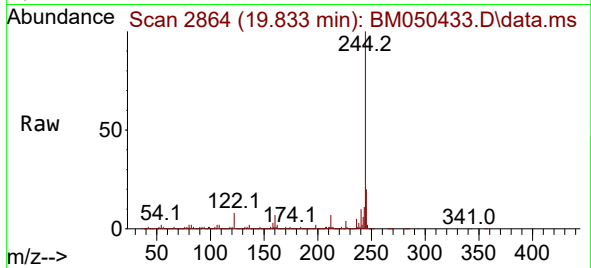




#79
 Terphenyl-d14
 Concen: 100.628 ng
 RT: 19.833 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM050433.D
 Acq: 14 Jul 2025 19:34

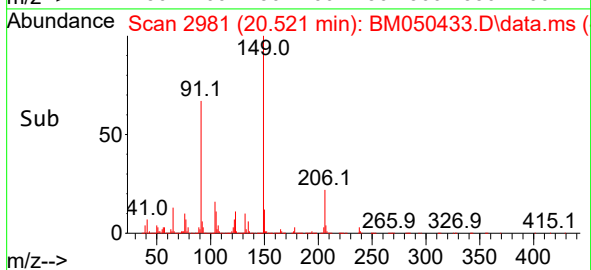
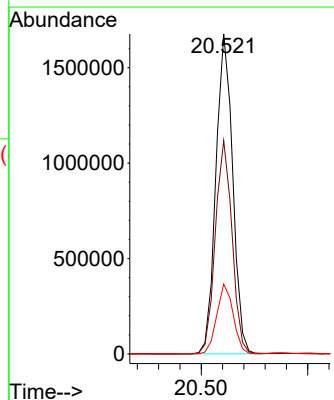
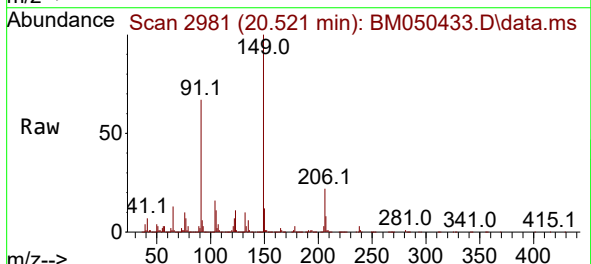
Instrument :
 BNA_M
 ClientSampleId :
 PB168820BS

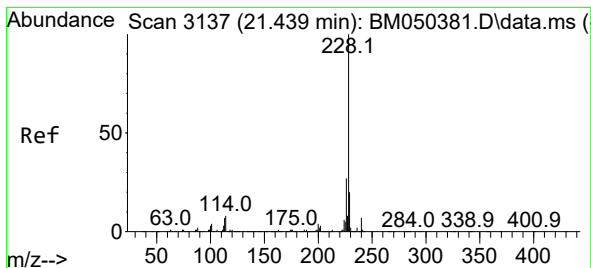
Tgt Ion:244 Resp: 8964533
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 7.7 6.2 9.2



#80
 Butylbenzylphthalate
 Concen: 55.497 ng
 RT: 20.521 min Scan# 2981
 Delta R.T. -0.017 min
 Lab File: BM050433.D
 Acq: 14 Jul 2025 19:34

Tgt Ion:149 Resp: 1836980
 Ion Ratio Lower Upper
 149 100
 91 66.7 51.6 77.4
 206 21.8 17.8 26.8





#81

Benzo(a)anthracene

Concen: 52.345 ng

RT: 21.421 min Scan# 31

Delta R.T. -0.017 min

Lab File: BM050433.D

Acq: 14 Jul 2025 19:34

Instrument :

BNA_M

ClientSampleId :

PB168820BS

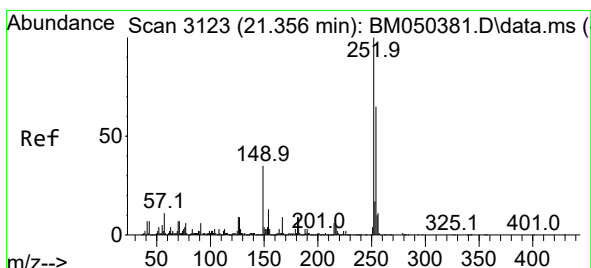
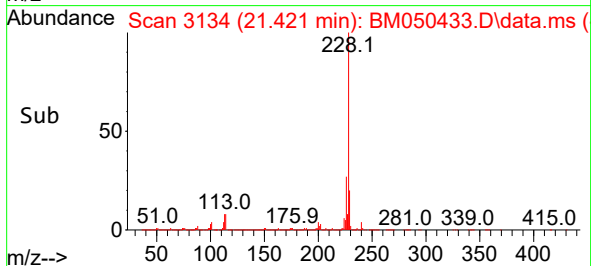
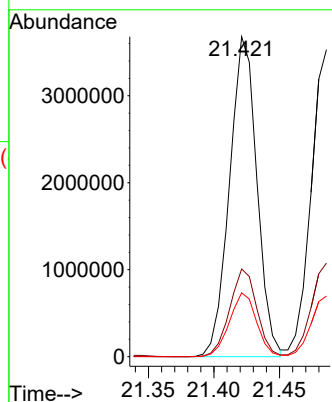
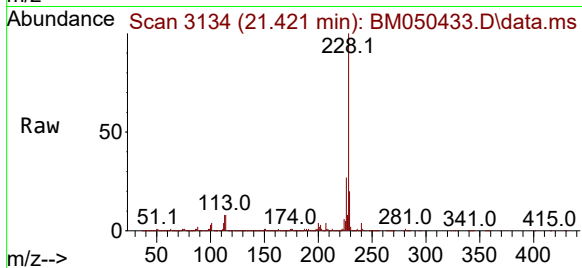
Tgt Ion:228 Resp: 5345971

Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.8

229 19.9 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 36.156 ng

RT: 21.345 min Scan# 3121

Delta R.T. -0.012 min

Lab File: BM050433.D

Acq: 14 Jul 2025 19:34

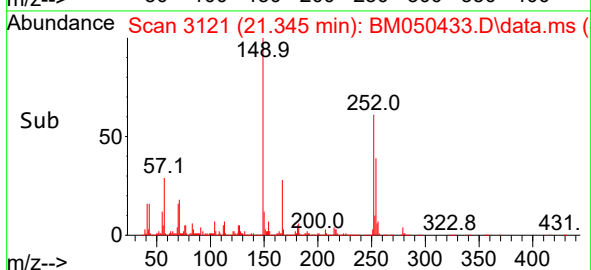
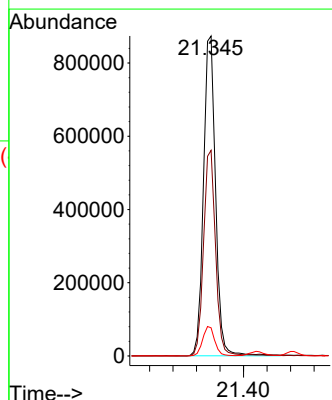
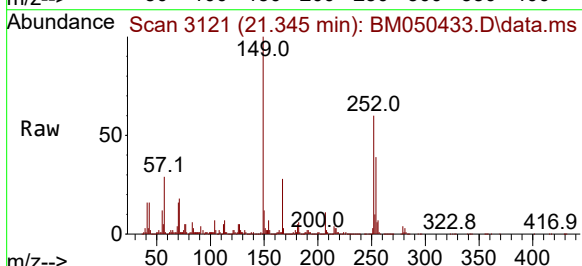
Tgt Ion:252 Resp: 1245266

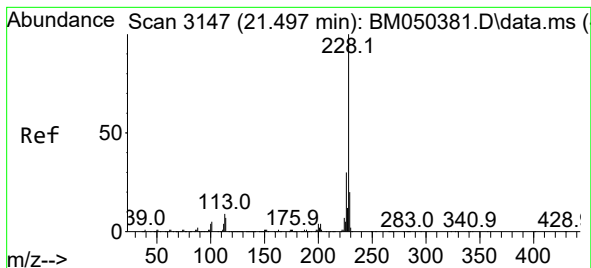
Ion Ratio Lower Upper

252 100

254 64.3 51.7 77.5

126 8.8 7.3 10.9





#83

Chrysene

Concen: 52.446 ng

RT: 21.486 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM050433.D

Acq: 14 Jul 2025 19:34

Instrument :

BNA_M

ClientSampleId :

PB168820BS

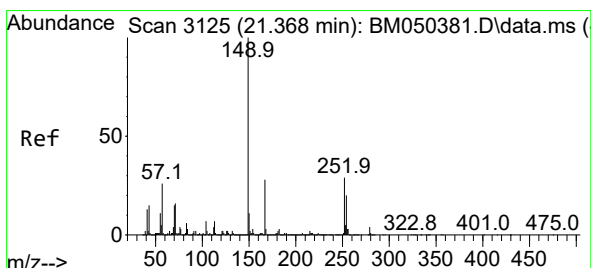
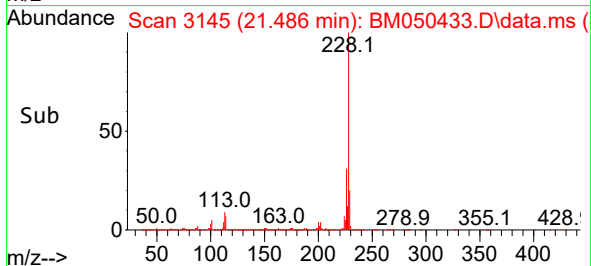
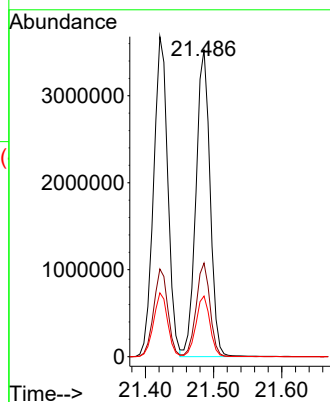
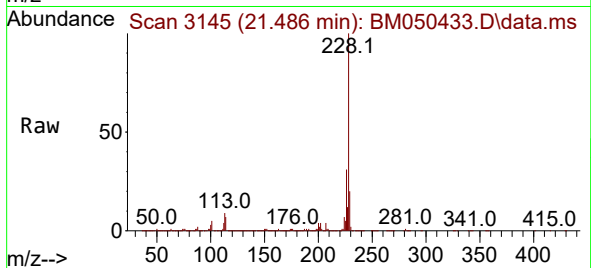
Tgt Ion:228 Resp: 5052123

Ion Ratio Lower Upper

228 100

226 30.5 24.2 36.4

229 19.7 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.748 ng

RT: 21.350 min Scan# 3122

Delta R.T. -0.017 min

Lab File: BM050433.D

Acq: 14 Jul 2025 19:34

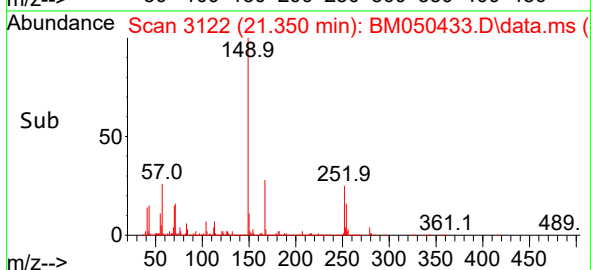
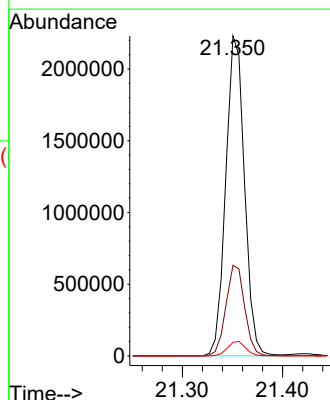
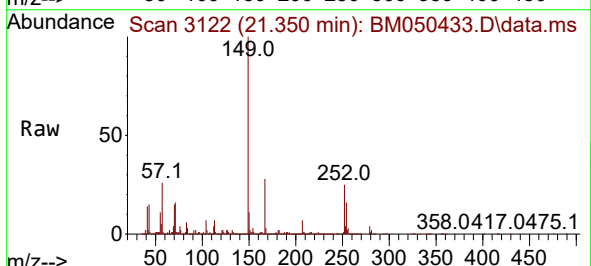
Tgt Ion:149 Resp: 2876789

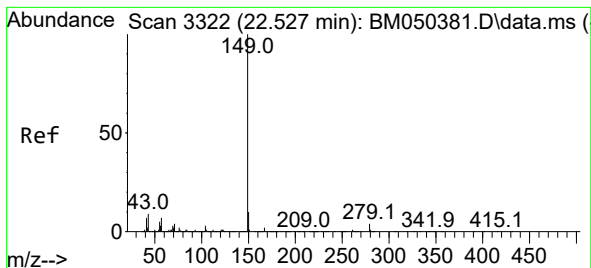
Ion Ratio Lower Upper

149 100

167 28.4 22.7 34.1

279 4.2 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 57.944 ng

RT: 22.497 min Scan# 31

Delta R.T. -0.029 min

Lab File: BM050433.D

Acq: 14 Jul 2025 19:34

Instrument :

BNA_M

ClientSampleId :

PB168820BS

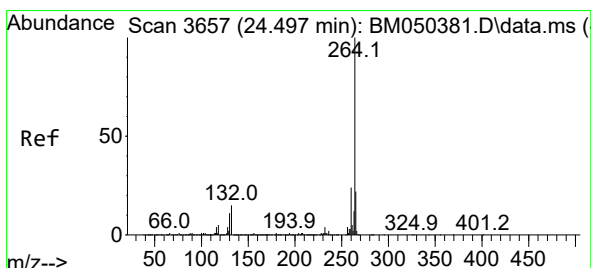
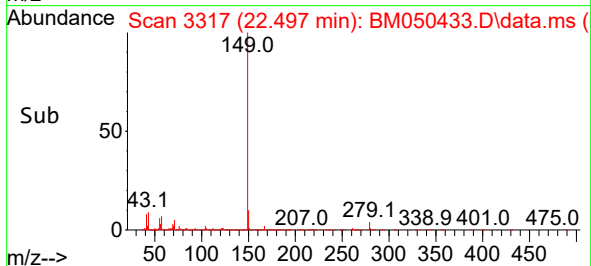
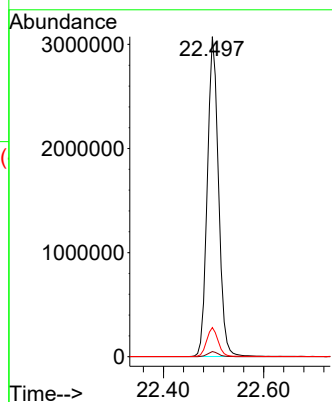
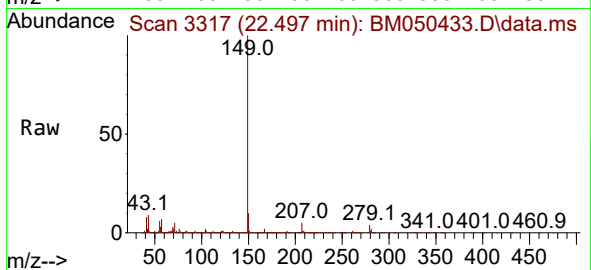
Tgt Ion:149 Resp: 4768695

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: 24.468 min Scan# 3652

Delta R.T. -0.029 min

Lab File: BM050433.D

Acq: 14 Jul 2025 19:34

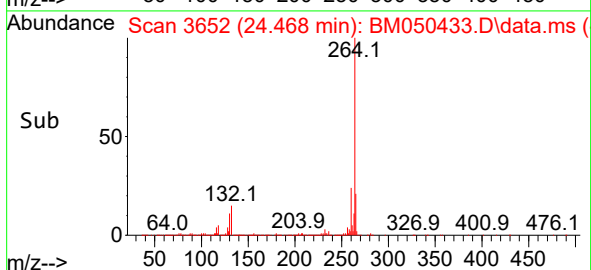
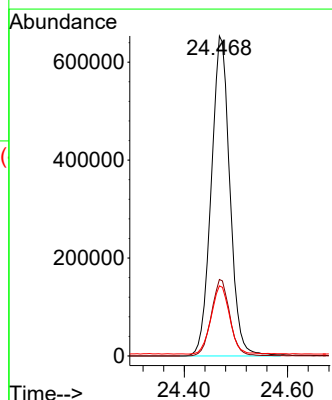
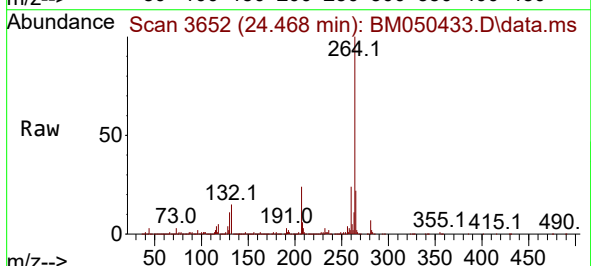
Tgt Ion:264 Resp: 1633718

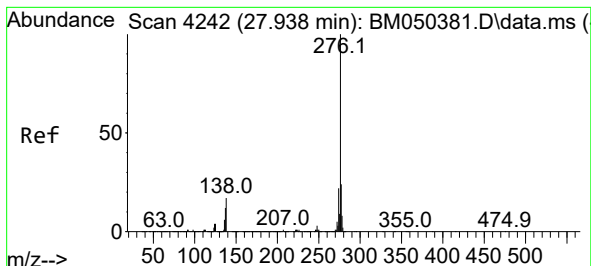
Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.9 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 55.641 ng

RT: 27.903 min Scan# 41

Delta R.T. -0.035 min

Lab File: BM050433.D

Acq: 14 Jul 2025 19:34

Instrument :

BNA_M

ClientSampleId :

PB168820BS

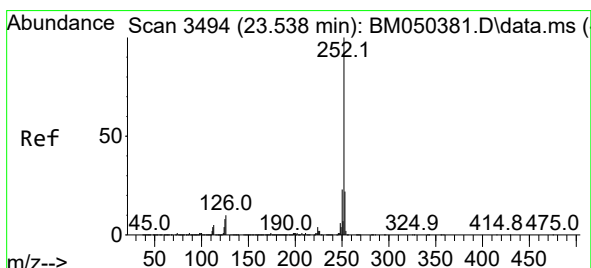
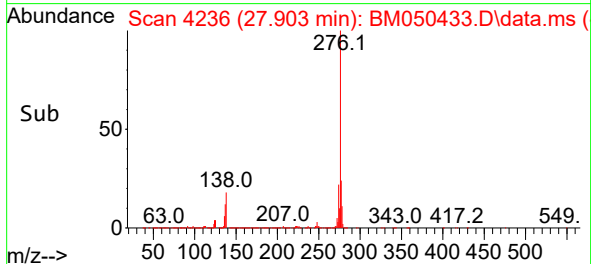
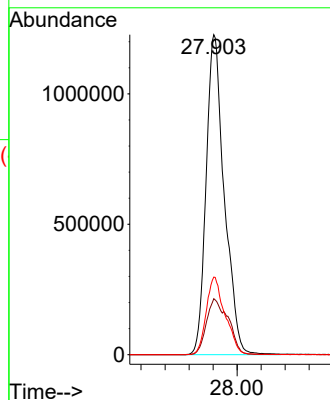
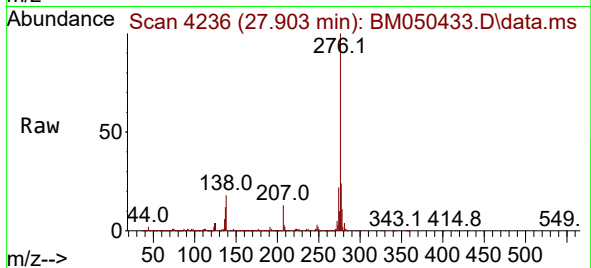
Tgt Ion:276 Resp: 6463066

Ion Ratio Lower Upper

276 100

138 21.0 17.0 25.6

277 25.1 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 53.216 ng

RT: 23.515 min Scan# 3490

Delta R.T. -0.023 min

Lab File: BM050433.D

Acq: 14 Jul 2025 19:34

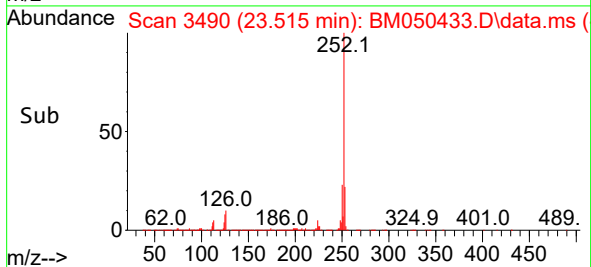
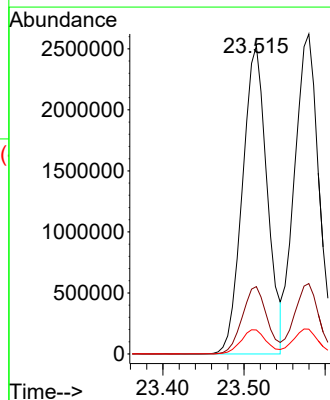
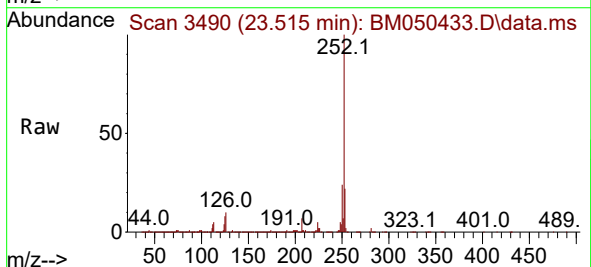
Tgt Ion:252 Resp: 5347643

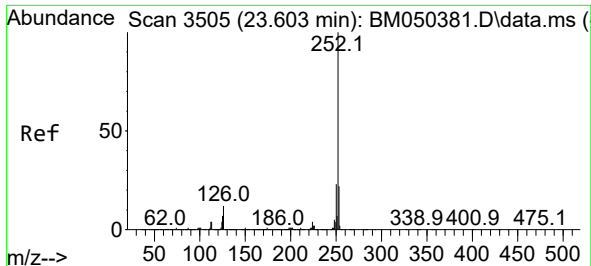
Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

125 7.8 6.3 9.5

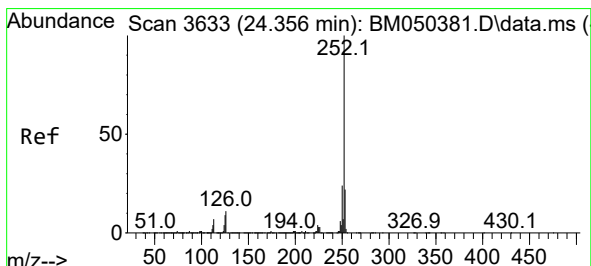
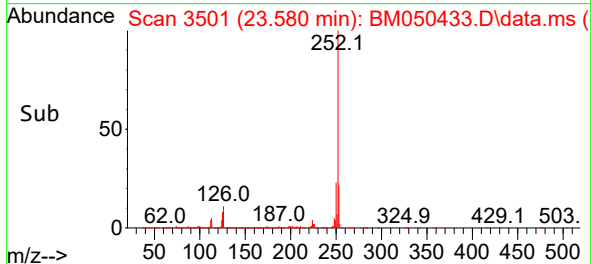
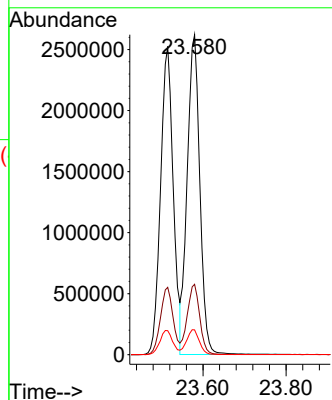
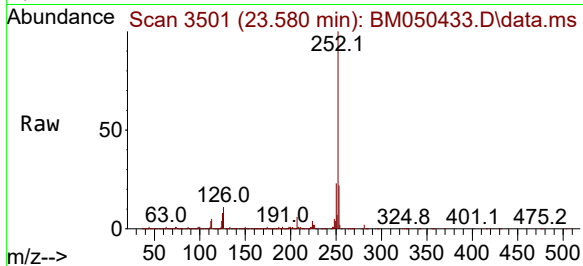




#89
Benzo(k)fluoranthene
Concen: 52.925 ng
RT: 23.580 min Scan# 3505
Delta R.T. -0.023 min
Lab File: BM050433.D
Acq: 14 Jul 2025 19:34

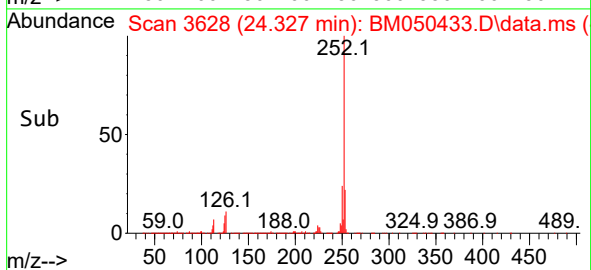
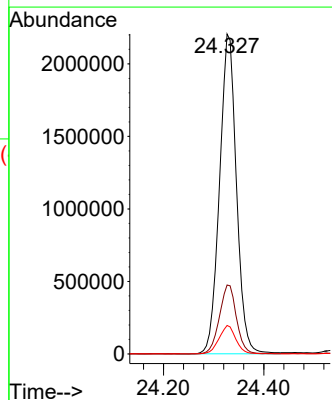
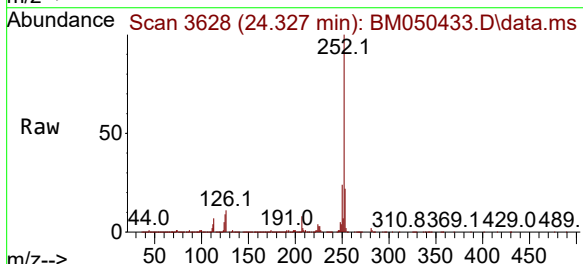
Instrument :
BNA_M
ClientSampleId :
PB168820BS

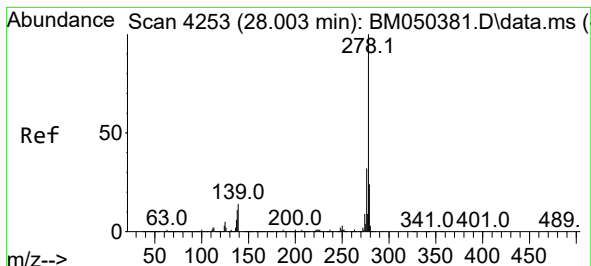
Tgt Ion:252 Resp: 5518572
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 7.8 6.2 9.2



#90
Benzo(a)pyrene
Concen: 54.861 ng
RT: 24.327 min Scan# 3628
Delta R.T. -0.029 min
Lab File: BM050433.D
Acq: 14 Jul 2025 19:34

Tgt Ion:252 Resp: 5160697
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.6
125 8.9 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 55.694 ng

RT: 27.962 min Scan# 41

Delta R.T. -0.041 min

Lab File: BM050433.D

Acq: 14 Jul 2025 19:34

Instrument :

BNA_M

ClientSampleId :

PB168820BS

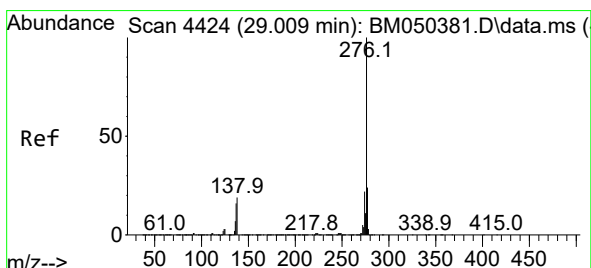
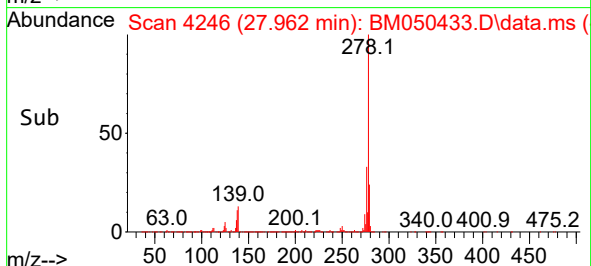
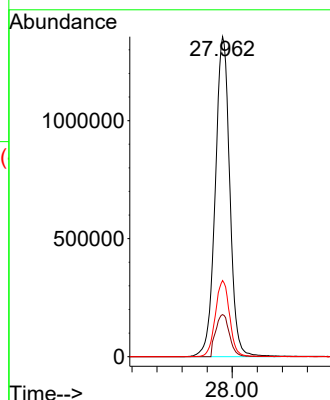
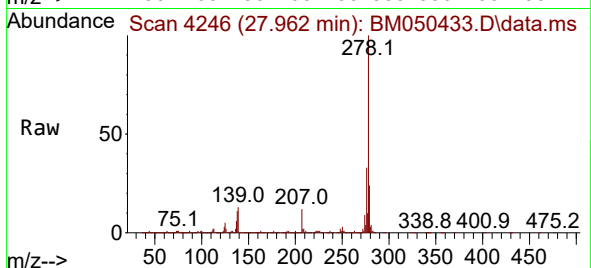
Tgt Ion:278 Resp: 5448181

Ion Ratio Lower Upper

278 100

139 13.1 10.8 16.2

279 23.8 19.4 29.0



#92

Benzo(g,h,i)perylene

Concen: 55.553 ng

RT: 28.974 min Scan# 4418

Delta R.T. -0.035 min

Lab File: BM050433.D

Acq: 14 Jul 2025 19:34

Tgt Ion:276 Resp: 5136149

Ion Ratio Lower Upper

276 100

277 23.9 19.1 28.7

138 18.6 14.9 22.3

