

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071725\
 Data File : BM050476.D
 Acq On : 17 Jul 2025 15:57
 Operator : RC/JU
 Sample : PB168885BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB168885BS

Quant Time: Jul 17 16:34:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 16:20:15 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	516385	20.000	ng	0.00
21) Naphthalene-d8	10.640	136	1948201	20.000	ng	0.00
39) Acenaphthene-d10	14.475	164	1313335	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	2583210	20.000	ng	0.00
76) Chrysene-d12	21.433	240	2737581	20.000	ng	0.00
86) Perylene-d12	24.462	264	2912638	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	3884146	129.474	ng	0.00
7) Phenol-d6	7.016	99	4920980	130.124	ng	0.00
23) Nitrobenzene-d5	8.999	82	2933678	76.825	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	2389558	149.748	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	7818506	73.518	ng	0.00
79) Terphenyl-d14	19.821	244	11945436	76.774	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.323	88	454197	36.819	ng	99
3) Pyridine	3.723	79	1265501	39.076	ng	96
4) n-Nitrosodimethylamine	3.623	42	621168	41.142	ng	94
6) Aniline	7.169	93	1735247	35.754	ng	99
8) 2-Chlorophenol	7.411	128	1529899	48.364	ng	97
9) Benzaldehyde	6.981	77	881142	39.168	ng	98
10) Phenol	7.040	94	1875951	47.560	ng	98
11) bis(2-Chloroethyl)ether	7.269	93	1376341	43.571	ng	98
12) 1,3-Dichlorobenzene	7.740	146	1664239	43.267	ng	98
13) 1,4-Dichlorobenzene	7.881	146	1688340	42.987	ng	99
14) 1,2-Dichlorobenzene	8.199	146	1629704	43.341	ng	99
15) Benzyl Alcohol	8.081	79	1243011	46.649	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.375	45	1935814	41.604	ng	98
17) 2-Methylphenol	8.287	107	1212327	47.389	ng	98
18) Hexachloroethane	8.928	117	595451	43.108	ng	98
19) n-Nitroso-di-n-propyla...	8.652	70	1038896	45.347	ng	95
20) 3+4-Methylphenols	8.610	107	1642016	47.812	ng	98
22) Acetophenone	8.663	105	2120698	43.537	ng	98
24) Nitrobenzene	9.046	77	1509739	44.305	ng	97
25) Isophorone	9.575	82	2814614	45.423	ng	99
26) 2-Nitrophenol	9.752	139	783921	56.446	ng	96
27) 2,4-Dimethylphenol	9.816	122	1430792	48.416	ng	96
28) bis(2-Chloroethoxy)met...	10.052	93	1838156	44.768	ng	99
29) 2,4-Dichlorophenol	10.287	162	1541348	50.768	ng	98
30) 1,2,4-Trichlorobenzene	10.504	180	1645152	45.296	ng	99
31) Naphthalene	10.693	128	4347399	43.933	ng	99
32) Benzoic acid	9.946	122	1030936	55.734	ng	98
33) 4-Chloroaniline	10.793	127	1069433	25.564	ng	99
34) Hexachlorobutadiene	10.987	225	993212	44.805	ng	98
35) Caprolactam	11.575	113	440167m	53.108	ng	
36) 4-Chloro-3-methylphenol	11.922	107	1449850	51.138	ng	97
37) 2-Methylnaphthalene	12.298	142	2906964	46.526	ng	98
38) 1-Methylnaphthalene	12.522	142	3047148	46.083	ng	100
40) 1,2,4,5-Tetrachloroben...	12.669	216	1909685	45.724	ng	100
41) Hexachlorocyclopentadiene	12.657	237	2610418	97.780	ng	99
43) 2,4,6-Trichlorophenol	12.910	196	1309524	50.938	ng	99

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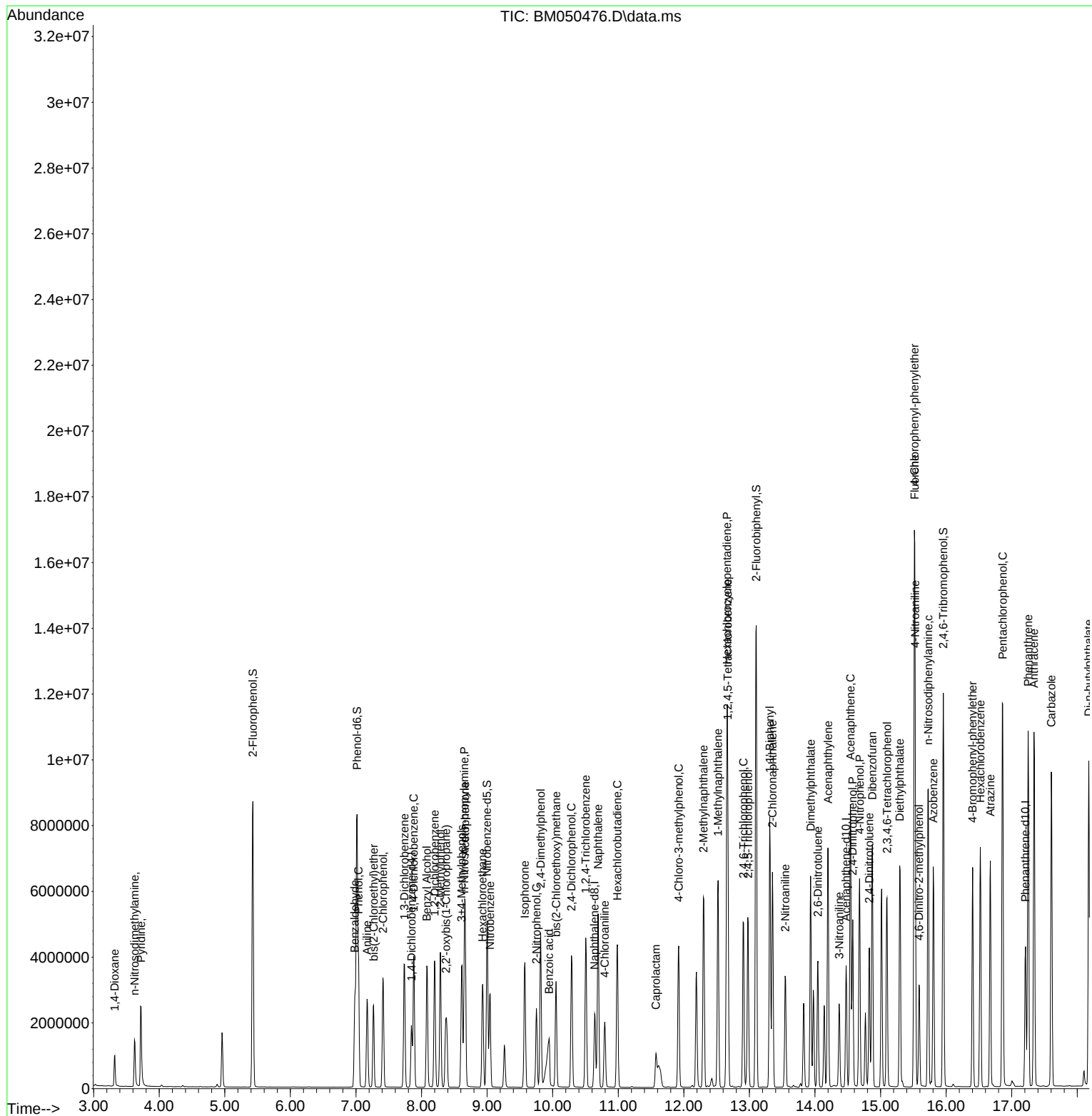
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.981	196	1450386	51.658	ng	96
46) 1,1'-Biphenyl	13.310	154	4317725	44.311	ng	99
47) 2-Chloronaphthalene	13.351	162	3405944	43.840	ng	99
48) 2-Nitroaniline	13.545	65	887681	51.189	ng	95
49) Acenaphthylene	14.198	152	5316054	45.277	ng	99
50) Dimethylphthalate	13.934	163	4214908	46.615	ng	100
51) 2,6-Dinitrotoluene	14.045	165	898217	51.738	ng	93
52) Acenaphthene	14.539	154	3220488	43.143	ng	99
53) 3-Nitroaniline	14.369	138	652608	35.347	ng	98
54) 2,4-Dinitrophenol	14.575	184	1152712	117.097	ng	# 82
55) Dibenzofuran	14.875	168	5125414	44.563	ng	99
56) 4-Nitrophenol	14.681	139	1695556	106.789	ng	90
57) 2,4-Dinitrotoluene	14.828	165	1281292	49.227	ng	95
58) Fluorene	15.522	166	4307700	45.471	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.098	232	1239852	52.459	ng	96
60) Diethylphthalate	15.292	149	4040195	46.776	ng	100
61) 4-Chlorophenyl-phenyle...	15.516	204	2278500	45.997	ng	97
62) 4-Nitroaniline	15.528	138	963365	45.527	ng	98
63) Azobenzene	15.804	77	3527371	44.475	ng	99
65) 4,6-Dinitro-2-methylph...	15.586	198	751112	53.277	ng	92
66) n-Nitrosodiphenylamine	15.728	169	3739335	46.260	ng	100
67) 4-Bromophenyl-phenylether	16.404	248	1362817	47.884	ng	98
68) Hexachlorobenzene	16.522	284	1607982	47.836	ng	96
69) Atrazine	16.675	200	1344545	50.656	ng	99
70) Pentachlorophenol	16.863	266	2322182	110.974	ng	99
71) Phenanthrene	17.251	178	6673853	45.657	ng	100
72) Anthracene	17.339	178	6792935	46.687	ng	100
73) Carbazole	17.604	167	6198421	47.082	ng	99
74) Di-n-butylphthalate	18.175	149	7010527	48.651	ng	99
75) Fluoranthene	19.257	202	7831040	49.281	ng	99
77) Benzidine	19.439	184	4729264	67.729	ng	100
78) Pyrene	19.622	202	8190535	46.715	ng	100
80) Butylbenzylphthalate	20.516	149	3188686	55.157	ng	97
81) Benzo(a)anthracene	21.416	228	8453985	47.395	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	2023008	33.631	ng	99
83) Chrysene	21.480	228	7878393	46.827	ng	100
84) Bis(2-ethylhexyl)phtha...	21.345	149	4719847	51.429	ng	97
85) Di-n-octyl phthalate	22.486	149	8099632	56.350	ng	97
87) Indeno(1,2,3-cd)pyrene	27.886	276	10292650	49.702	ng	99
88) Benzo(b)fluoranthene	23.504	252	8457217	47.206	ng	99
89) Benzo(k)fluoranthene	23.568	252	8421352	45.301	ng	100
90) Benzo(a)pyrene	24.321	252	8126766	48.457	ng	99
91) Dibenzo(a,h)anthracene	27.944	278	8579014	49.191	ng	99
92) Benzo(g,h,i)perylene	28.950	276	8216926	49.851	ng	98

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

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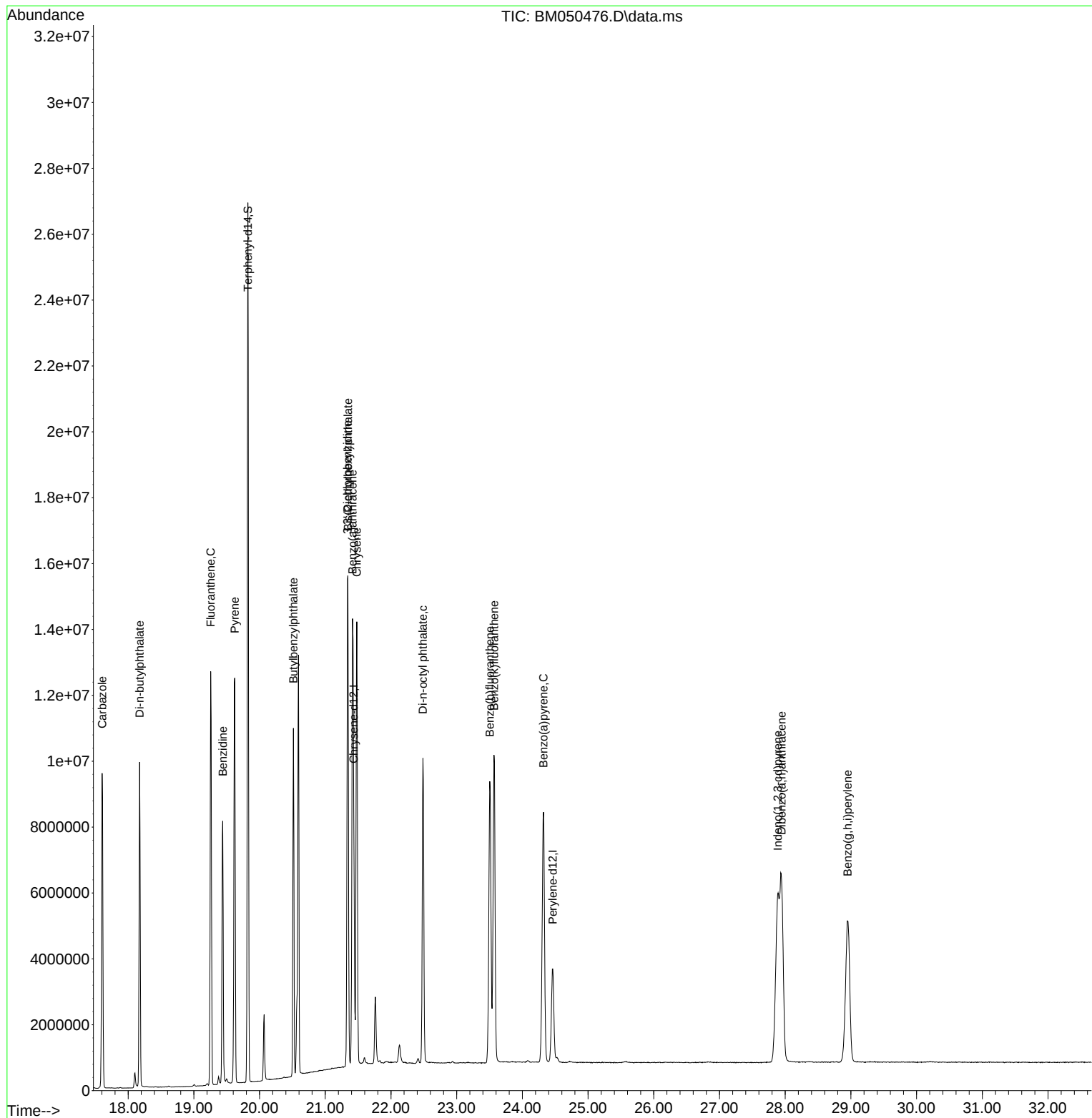
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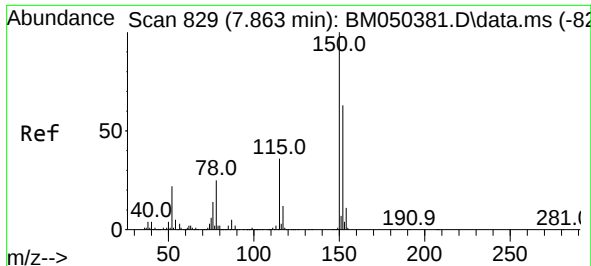


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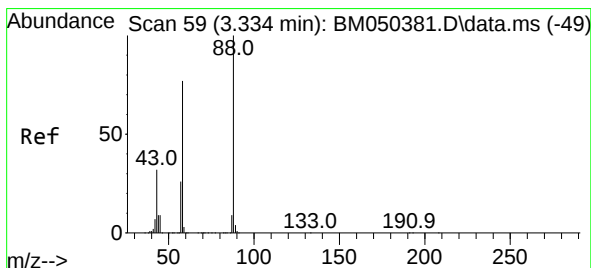
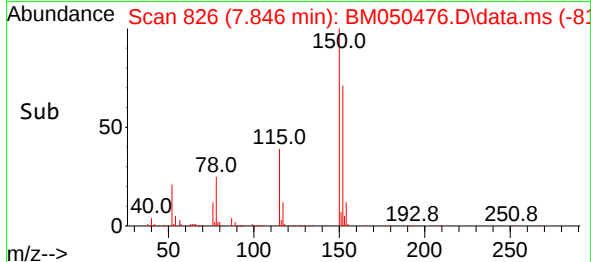
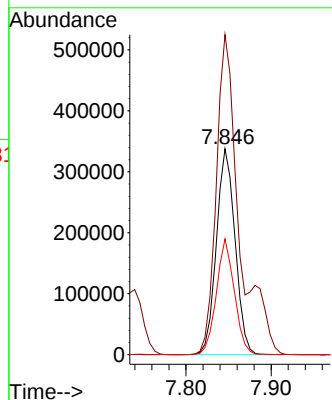
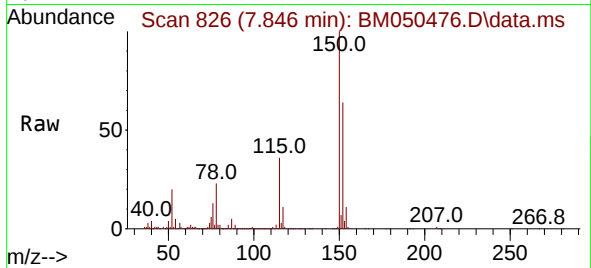




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.846 min Scan# 81
 Delta R.T. -0.005 min
 Lab File: BM050476.D
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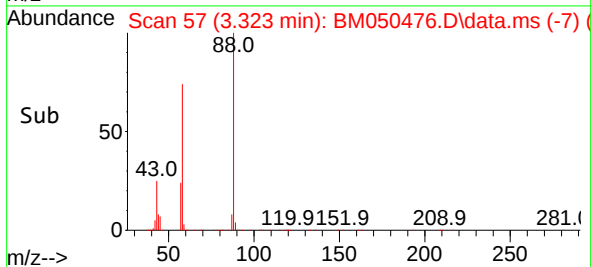
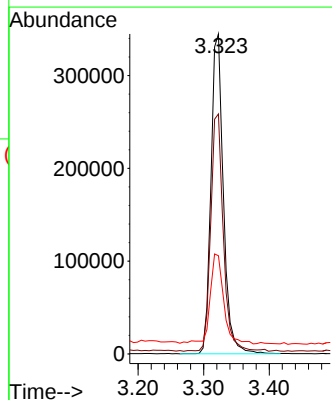
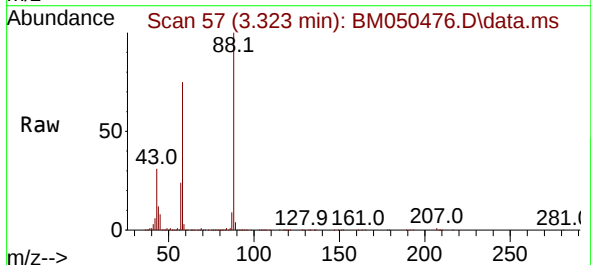
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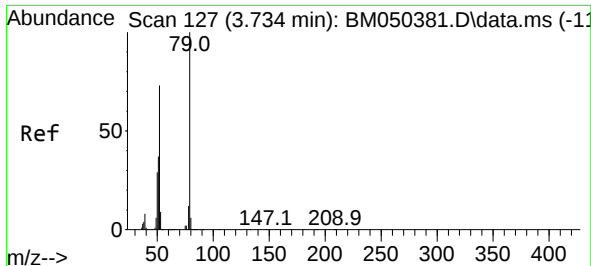
Tgt Ion:152 Resp: 516385
 Ion Ratio Lower Upper
 152 100
 150 155.4 126.2 189.4
 115 56.2 45.8 68.8



#2
 1,4-Dioxane
 Concen: 36.819 ng
 RT: 3.323 min Scan# 57
 Delta R.T. -0.005 min
 Lab File: BM050476.D
 Acq: 17 Jul 2025 15:57

Tgt Ion: 88 Resp: 454197
 Ion Ratio Lower Upper
 88 100
 58 75.3 61.0 91.6
 43 30.0 24.6 37.0

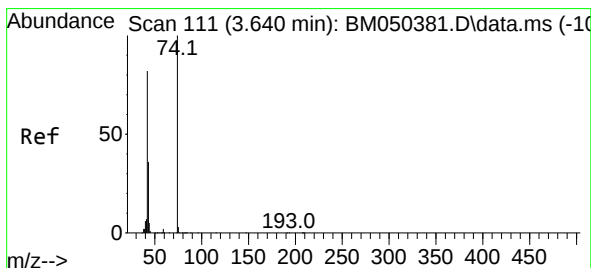
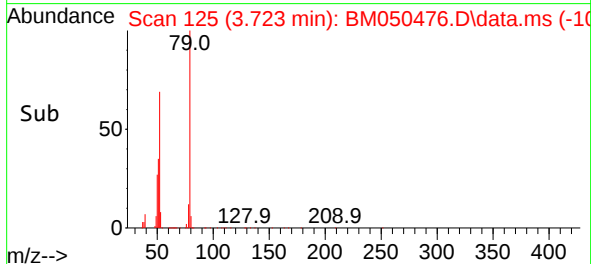
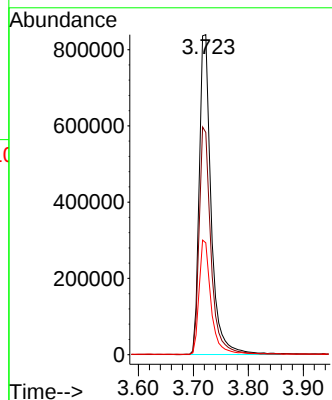
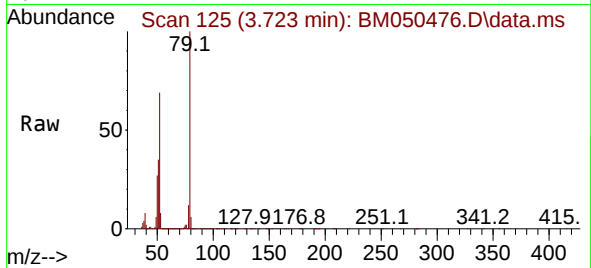




#3
Pyridine
Concen: 39.076 ng
RT: 3.723 min Scan# 11
Delta R.T. -0.005 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

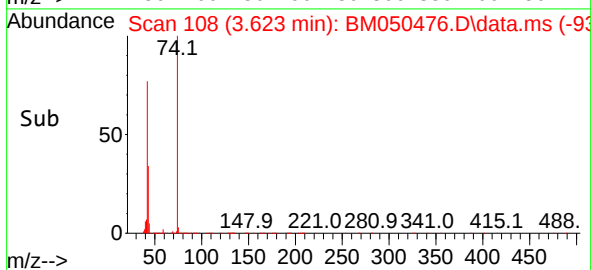
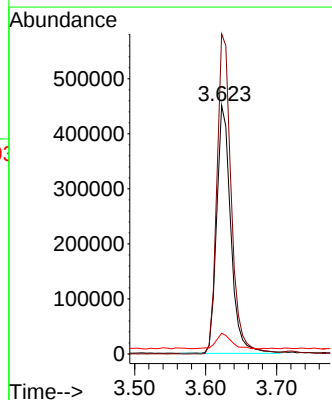
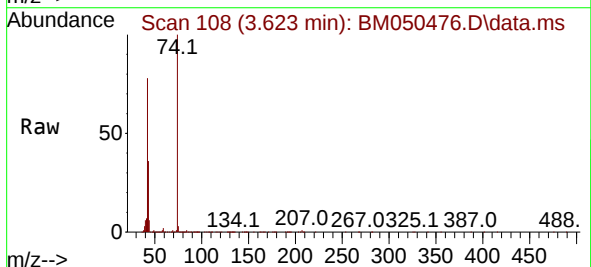
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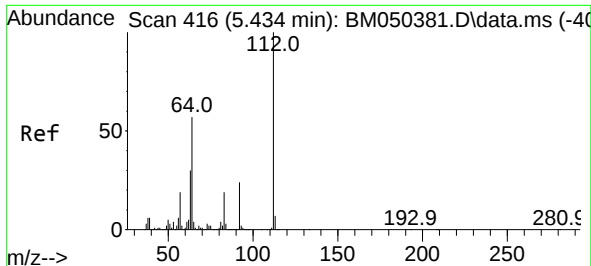
Tgt Ion: 79 Resp: 1265501
Ion Ratio Lower Upper
79 100
52 69.5 58.3 87.5
51 35.0 29.6 44.4



#4
n-Nitrosodimethylamine
Concen: 41.142 ng
RT: 3.623 min Scan# 108
Delta R.T. -0.011 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

Tgt Ion: 42 Resp: 621168
Ion Ratio Lower Upper
42 100
74 128.7 97.5 146.3
44 8.3 5.7 8.5

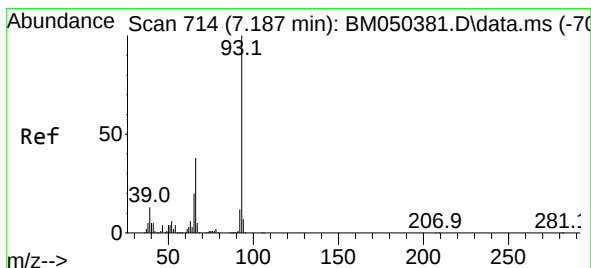
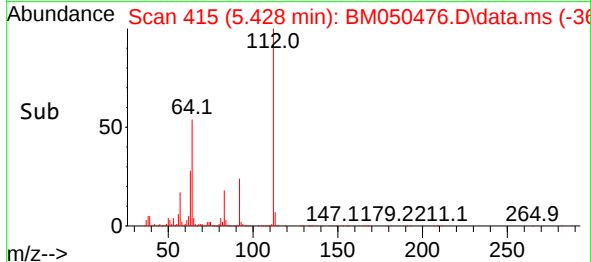
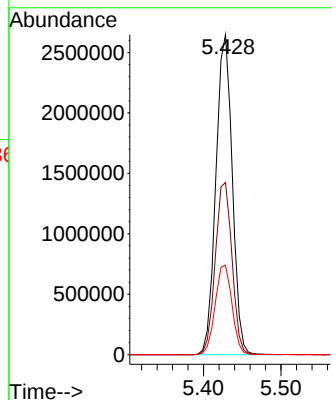
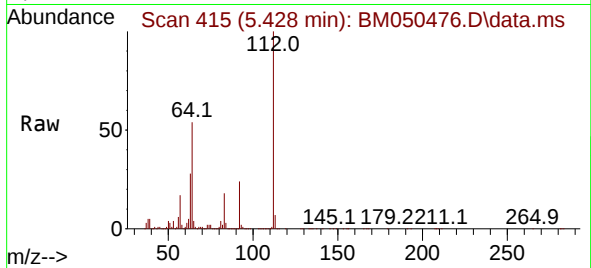




#5
2-Fluorophenol
Concen: 129.474 ng
RT: 5.428 min Scan# 416
Delta R.T. 0.000 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

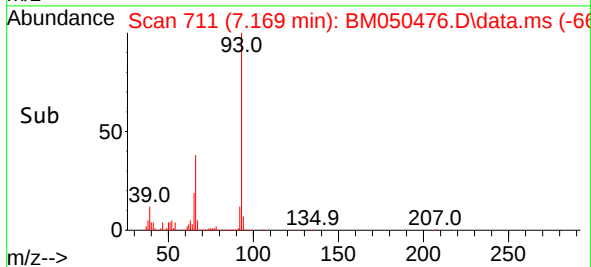
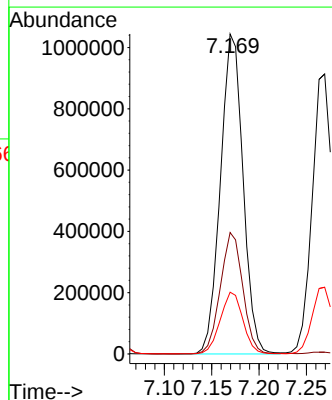
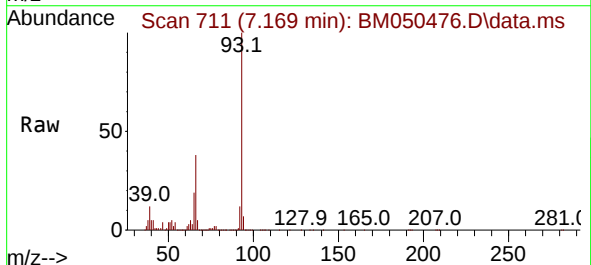
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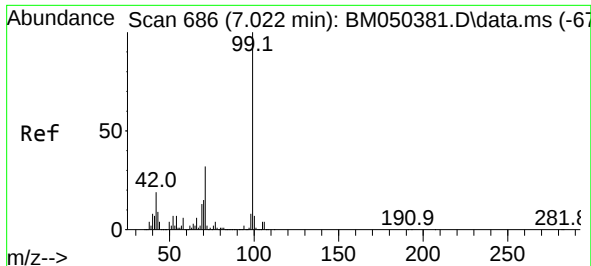
Tgt Ion:112 Resp: 3884146
Ion Ratio Lower Upper
112 100
64 53.8 45.5 68.3
63 28.0 24.2 36.4



#6
Aniline
Concen: 35.754 ng
RT: 7.169 min Scan# 711
Delta R.T. -0.005 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

Tgt Ion: 93 Resp: 1735247
Ion Ratio Lower Upper
93 100
66 37.9 30.5 45.7
65 19.3 15.9 23.9



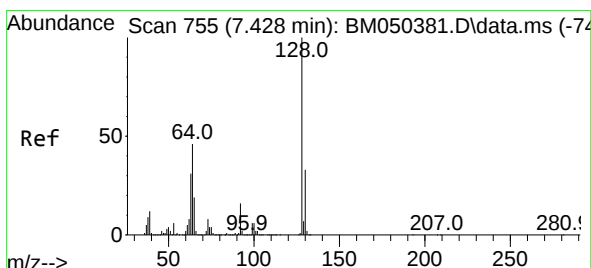
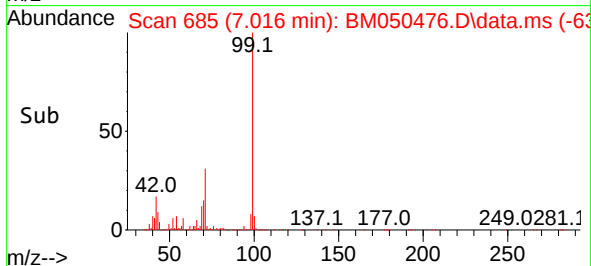
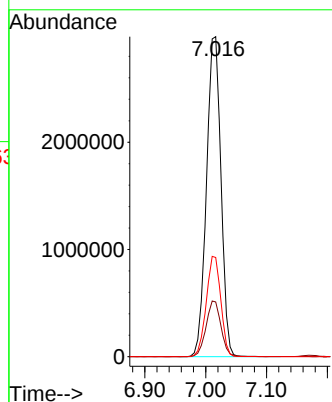
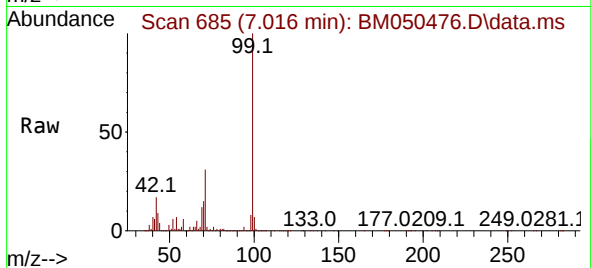


#7
Phenol-d6
Concen: 130.124 ng
RT: 7.016 min Scan# 685
Delta R.T. 0.006 min
Lab File: BM050476.D
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Instrument :
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Tgt Ion: 99 Resp: 4920980

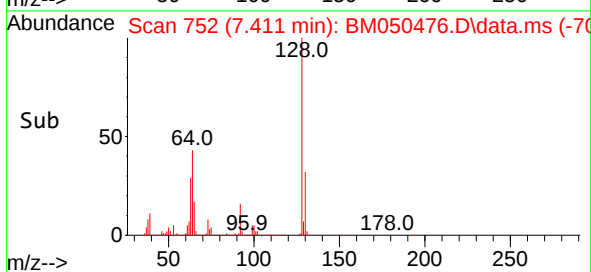
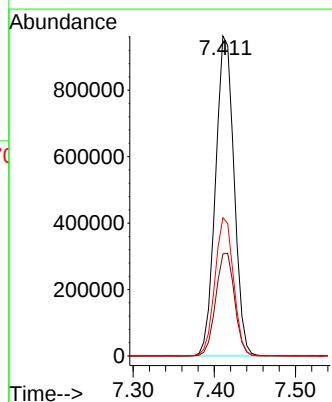
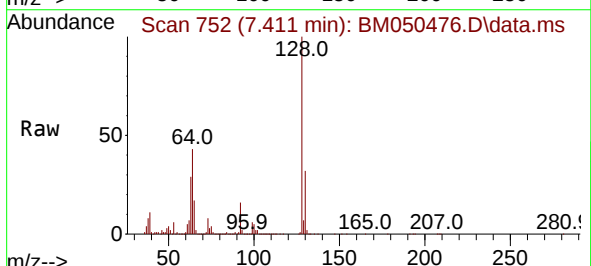
Ion	Ratio	Lower	Upper
99	100		
42	17.1	15.0	22.6
71	31.0	25.9	38.9

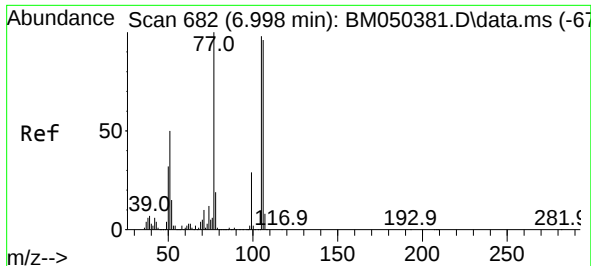


#8
2-Chlorophenol
Concen: 48.364 ng
RT: 7.411 min Scan# 752
Delta R.T. -0.005 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

Tgt Ion:128 Resp: 1529899

Ion	Ratio	Lower	Upper
128	100		
130	31.9	13.3	53.3
64	43.2	25.6	65.6

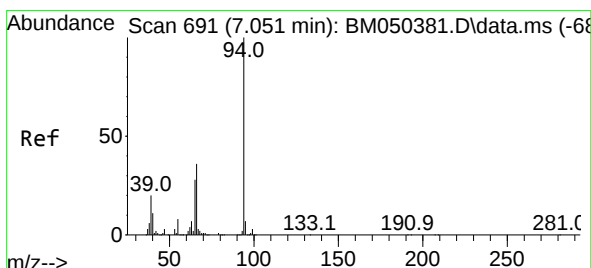
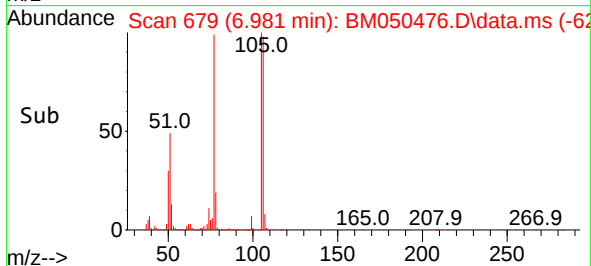
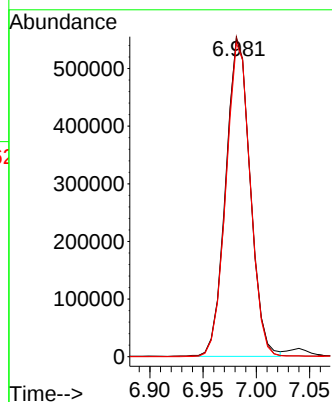
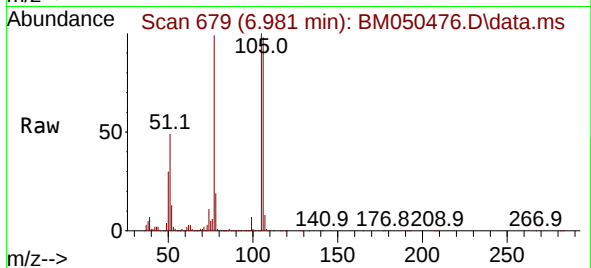




#9
Benzaldehyde
Concen: 39.168 ng
RT: 6.981 min Scan# 61
Delta R.T. -0.005 min
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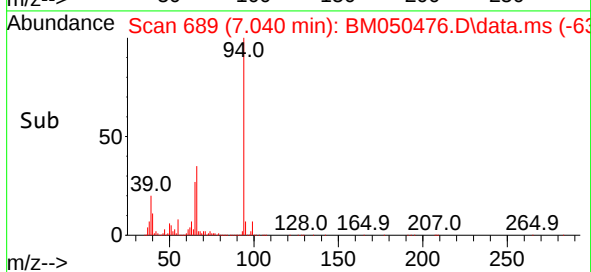
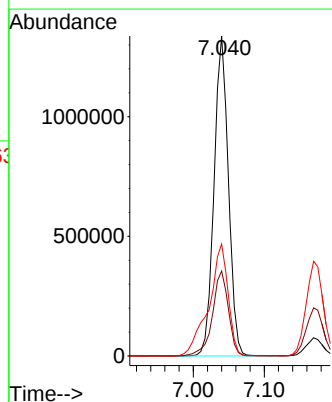
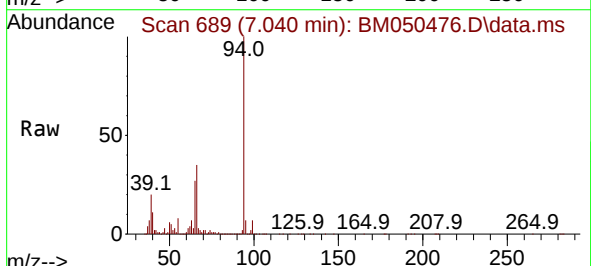
Instrument :
BNA_M
ClientSampleId :
PB168885BS

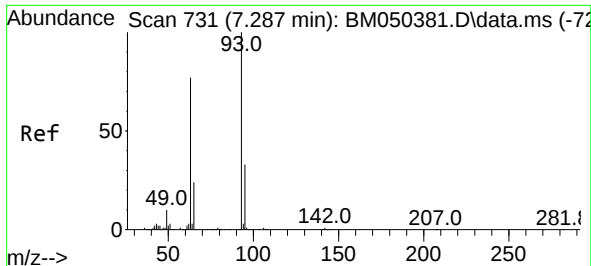
Tgt Ion: 77 Resp: 881142
Ion Ratio Lower Upper
77 100
105 100.6 78.4 118.4
106 98.6 76.3 116.3



#10
Phenol
Concen: 47.560 ng
RT: 7.040 min Scan# 689
Delta R.T. 0.000 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

Tgt Ion: 94 Resp: 1875951
Ion Ratio Lower Upper
94 100
65 26.6 8.1 48.1
66 35.0 15.8 55.8



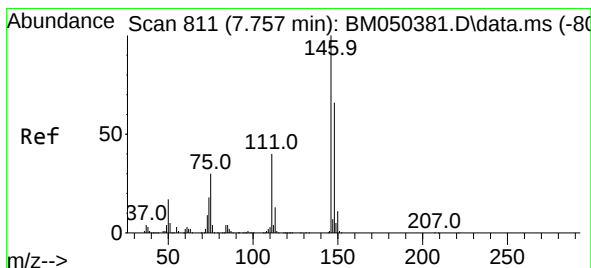
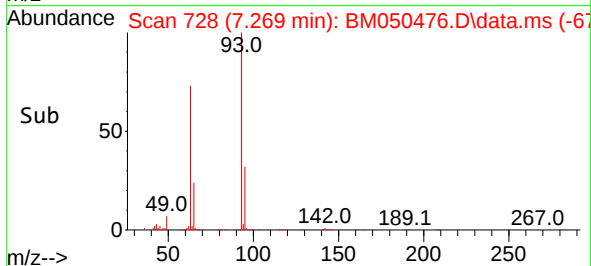
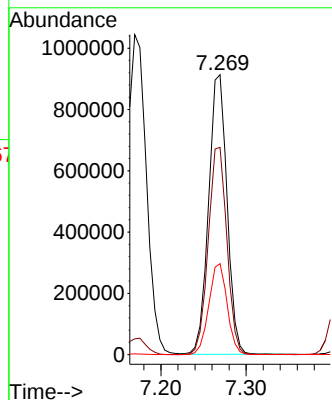
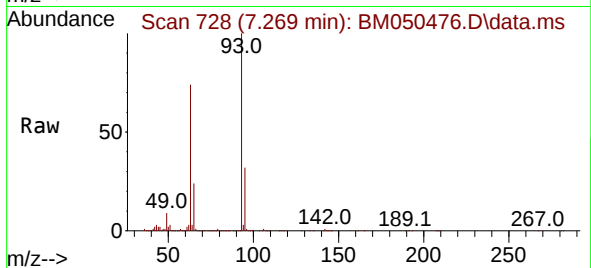


#11
bis(2-Chloroethyl)ether
Concen: 43.571 ng
RT: 7.269 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

Instrument :
BNA_M
ClientSampleId :
PB168885BS

Tgt Ion: 93 Resp: 1376341

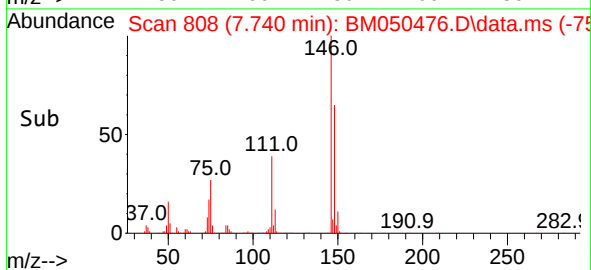
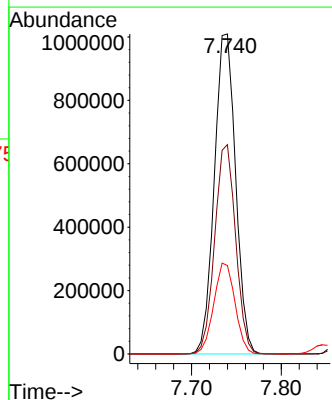
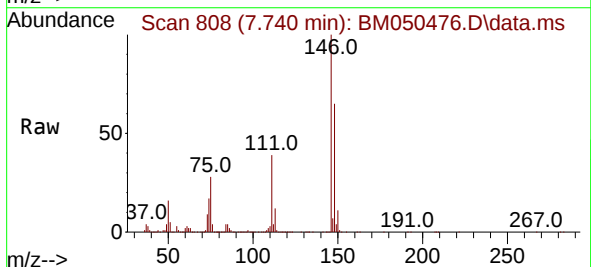
Ion	Ratio	Lower	Upper
93	100		
63	74.1	56.9	96.9
95	32.5	12.6	52.6

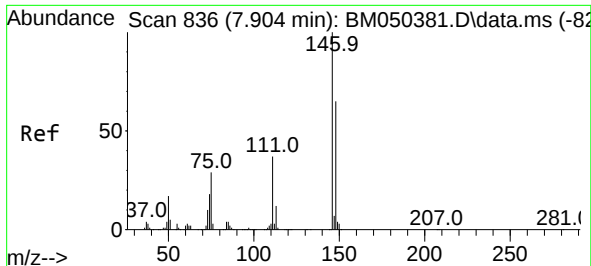


#12
1,3-Dichlorobenzene
Concen: 43.267 ng
RT: 7.740 min Scan# 808
Delta R.T. 0.000 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

Tgt Ion:146 Resp: 1664239

Ion	Ratio	Lower	Upper
146	100		
148	65.4	53.2	79.8
75	27.6	23.9	35.9

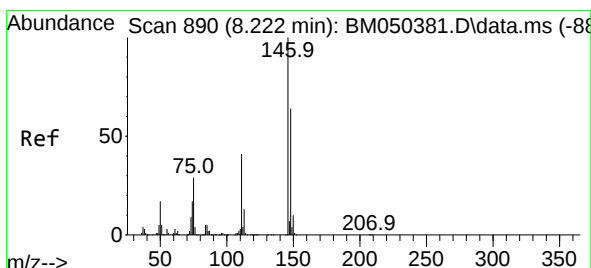
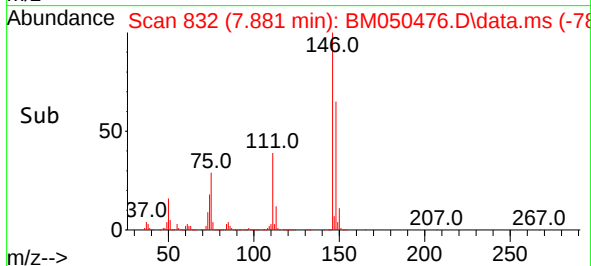
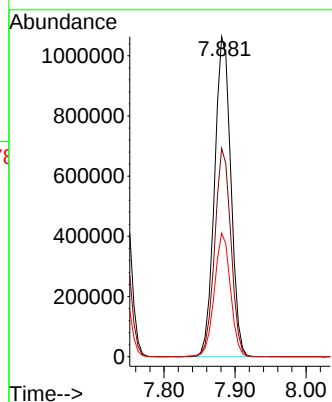
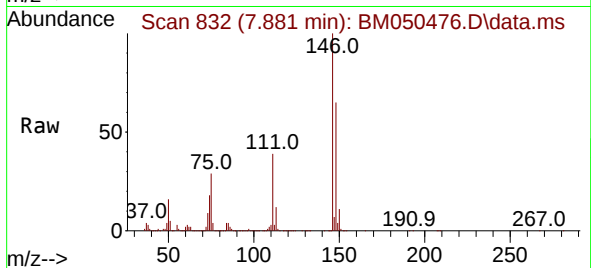




#13
1,4-Dichlorobenzene
Concen: 42.987 ng
RT: 7.881 min Scan# 811
Delta R.T. -0.005 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

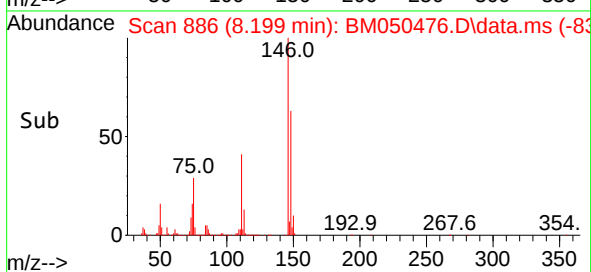
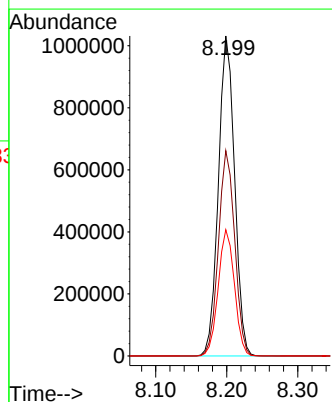
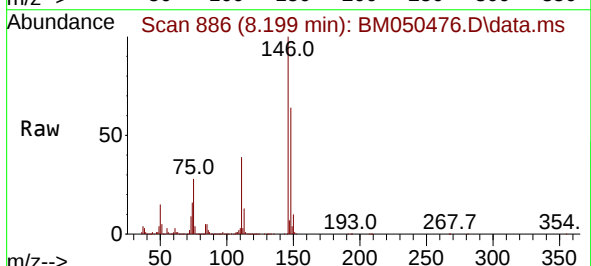
Instrument :
BNA_M
ClientSampleId :
PB168885BS

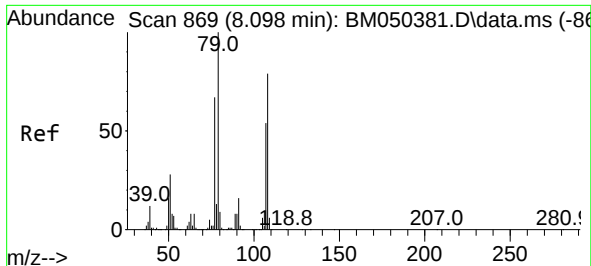
Tgt Ion:146 Resp: 1688340
Ion Ratio Lower Upper
146 100
148 65.1 51.9 77.9
111 38.6 30.0 45.0



#14
1,2-Dichlorobenzene
Concen: 43.341 ng
RT: 8.199 min Scan# 886
Delta R.T. 0.000 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

Tgt Ion:146 Resp: 1629704
Ion Ratio Lower Upper
146 100
148 64.2 51.5 77.3
111 39.5 32.6 49.0

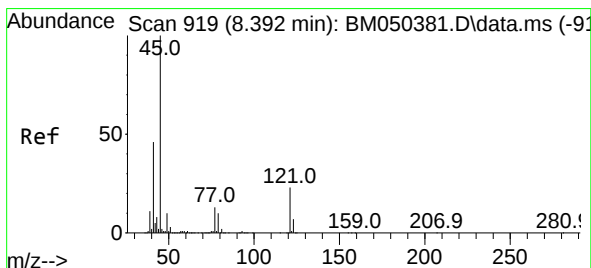
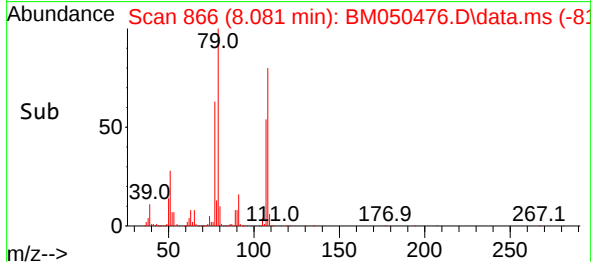
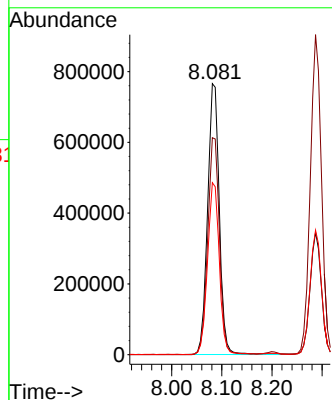
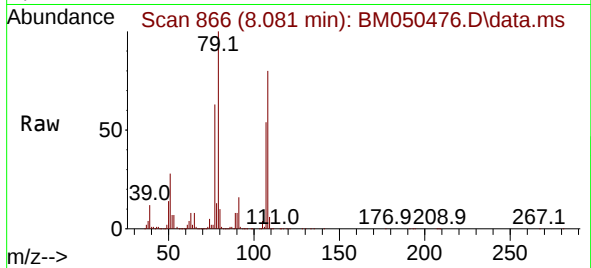




#15
Benzyl Alcohol
Concen: 46.649 ng
RT: 8.081 min Scan# 866
Delta R.T. -0.005 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

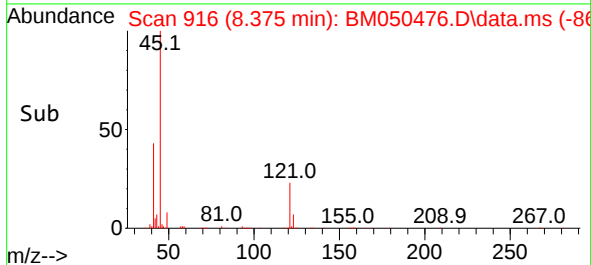
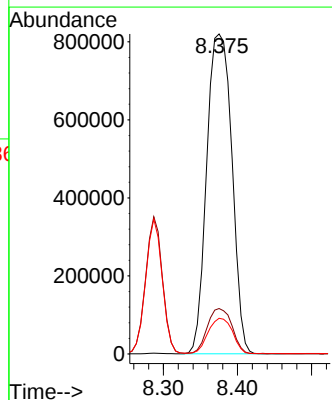
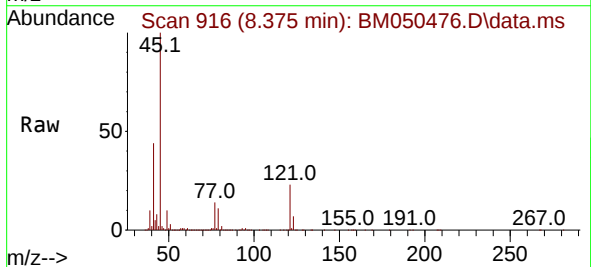
Instrument :
BNA_M
ClientSampleId :
PB168885BS

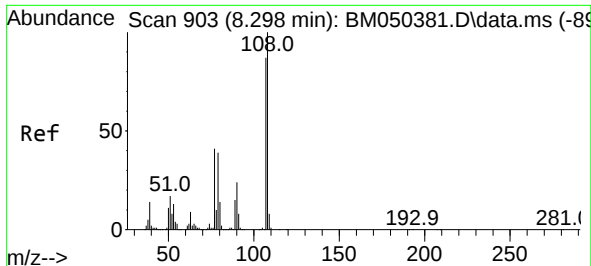
Tgt Ion: 79 Resp: 1243011
Ion Ratio Lower Upper
79 100
108 80.0 63.0 94.4
77 63.4 53.4 80.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.604 ng
RT: 8.375 min Scan# 916
Delta R.T. 0.001 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

Tgt Ion: 45 Resp: 1935814
Ion Ratio Lower Upper
45 100
77 14.2 0.0 33.5
79 11.2 0.0 30.3



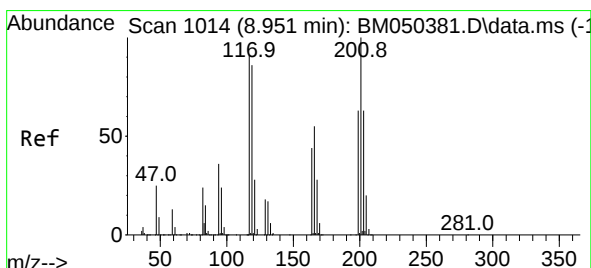
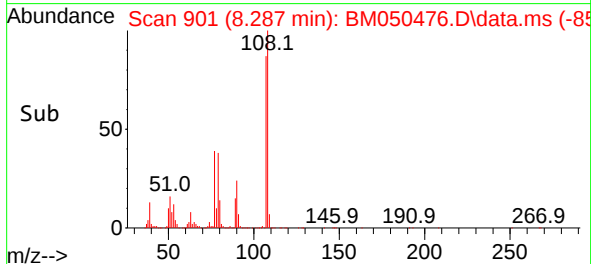
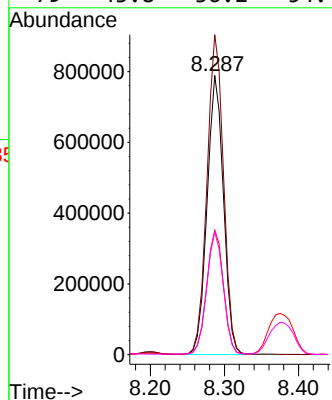
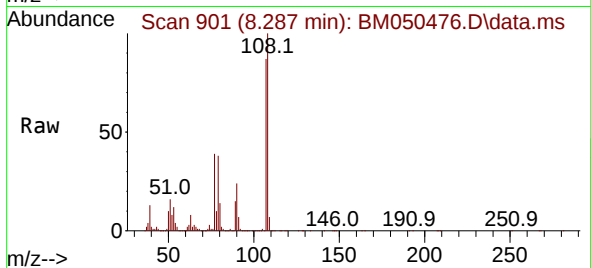


#17
2-Methylphenol
Concen: 47.389 ng
RT: 8.287 min Scan# 901
Delta R.T. 0.000 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

Instrument :
BNA_M
ClientSampleId :
PB168885BS

Tgt Ion:107 Resp: 1212327

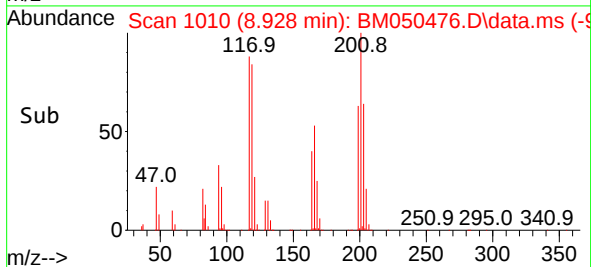
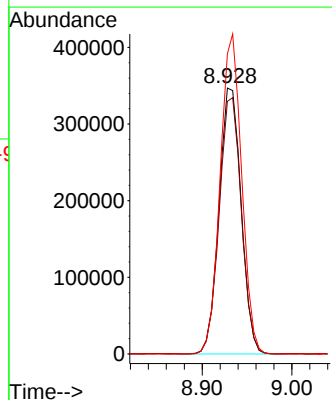
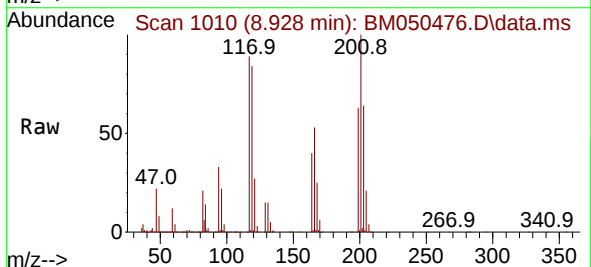
Ion	Ratio	Lower	Upper
107	100		
108	114.6	92.1	138.1
77	44.6	38.2	57.4
79	43.8	36.2	54.4

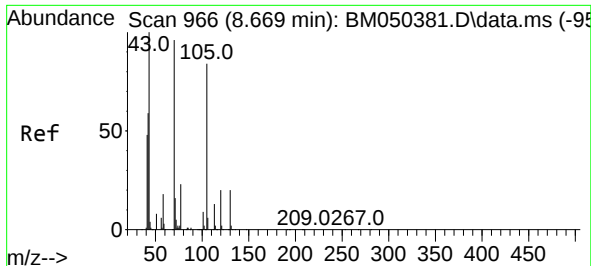


#18
Hexachloroethane
Concen: 43.108 ng
RT: 8.928 min Scan# 1010
Delta R.T. -0.005 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

Tgt Ion:117 Resp: 595451

Ion	Ratio	Lower	Upper
117	100		
119	95.0	75.6	113.4
201	112.9	87.9	131.9



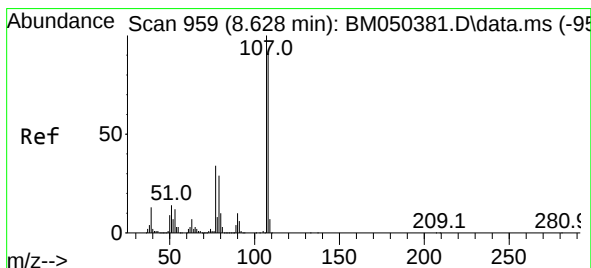
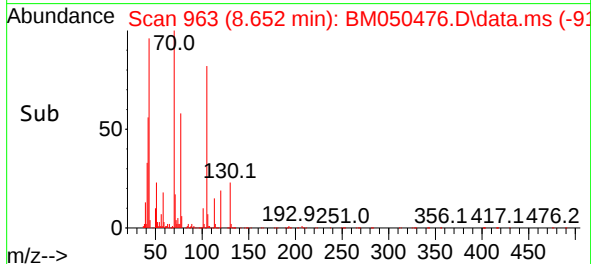
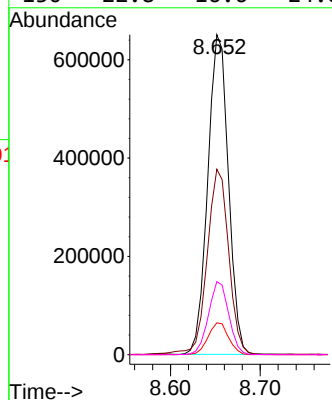
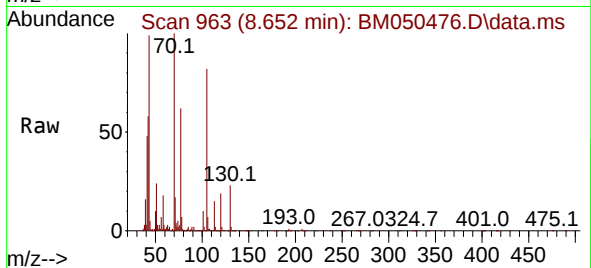


#19
n-Nitroso-di-n-propylamine
Concen: 45.347 ng
RT: 8.652 min Scan# 90
Delta R.T. 0.000 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

Instrument :
BNA_M
ClientSampleId :
PB168885BS

Tgt Ion: 70 Resp: 1038896

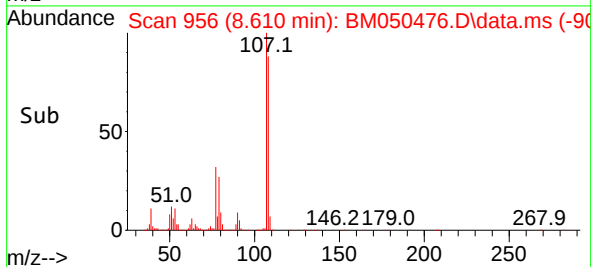
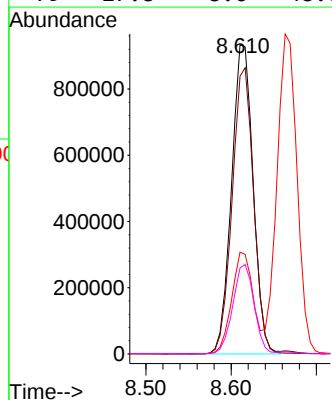
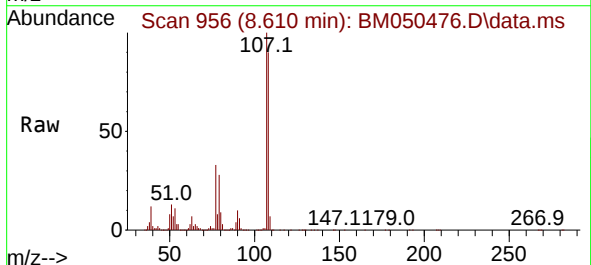
Ion	Ratio	Lower	Upper
70	100		
42	57.9	49.7	74.5
101	10.0	7.7	11.5
130	22.8	16.6	24.8

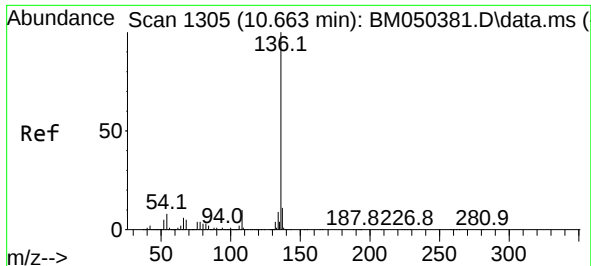


#20
3+4-Methylphenols
Concen: 47.812 ng
RT: 8.610 min Scan# 956
Delta R.T. 0.001 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

Tgt Ion: 107 Resp: 1642016

Ion	Ratio	Lower	Upper
107	100		
108	89.8	71.5	111.5
77	32.9	13.7	53.7
79	27.8	8.6	48.6

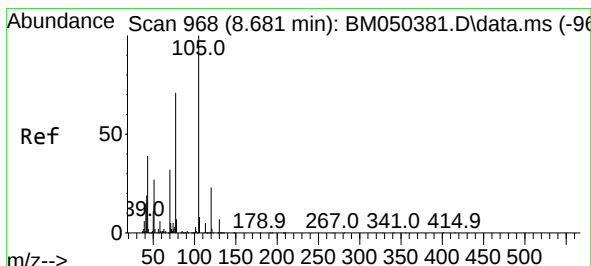
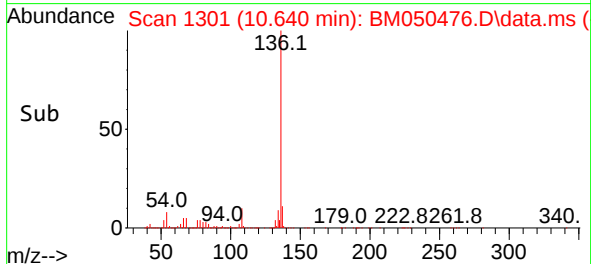
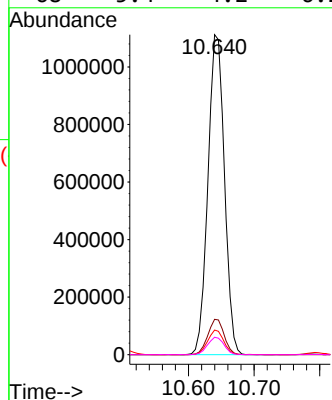
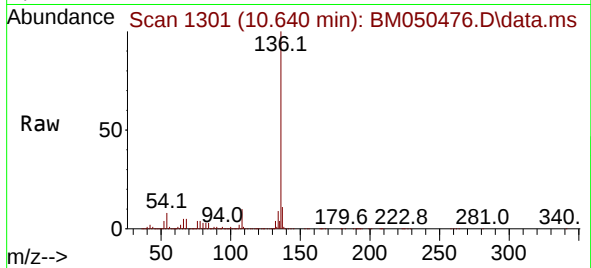




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.640 min Scan# 11
Delta R.T. 0.001 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

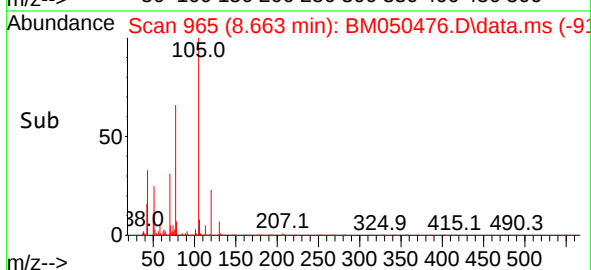
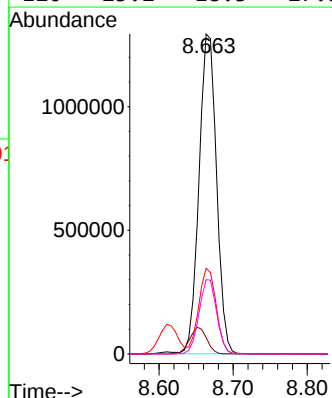
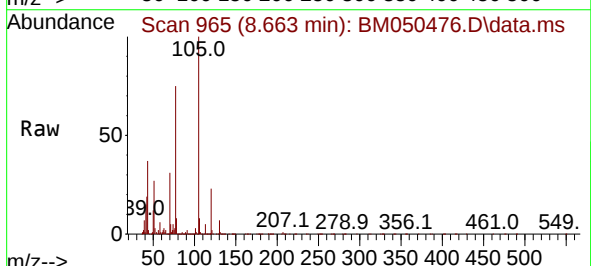
Instrument :
BNA_M
ClientSampleId :
PB168885BS

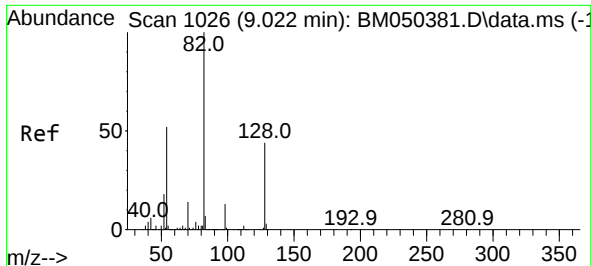
Tgt Ion:136 Resp: 1948201
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.7 6.3 9.5
68 5.4 4.2 6.2



#22
Acetophenone
Concen: 43.537 ng
RT: 8.663 min Scan# 965
Delta R.T. -0.005 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

Tgt Ion:105 Resp: 2120698
Ion Ratio Lower Upper
105 100
71 5.1 4.4 6.6
51 26.8 23.0 34.6
120 23.2 18.3 27.5

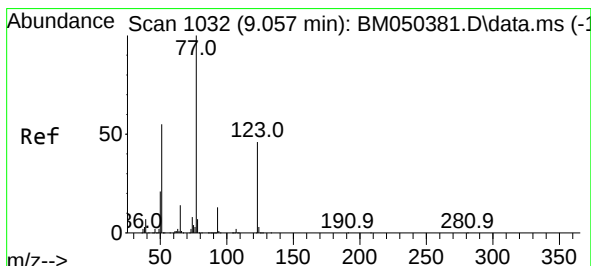
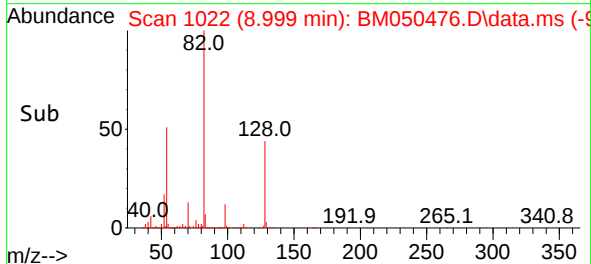
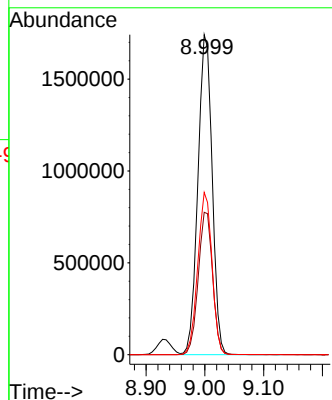
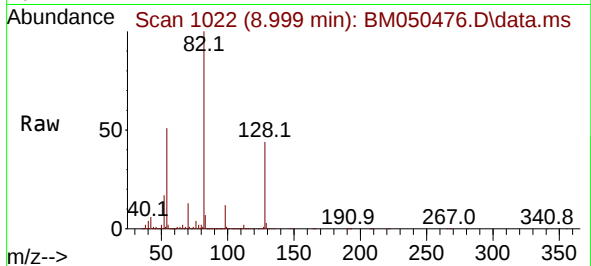




#23
Nitrobenzene-d5
Concen: 76.825 ng
RT: 8.999 min Scan# 1022
Delta R.T. -0.005 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

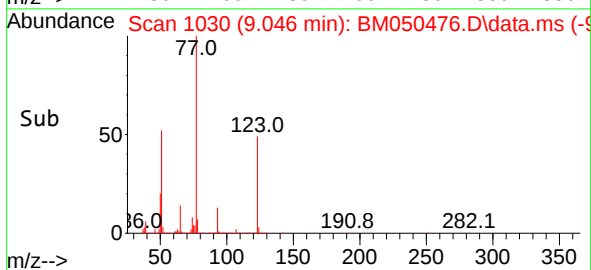
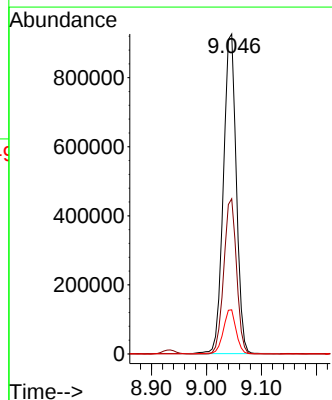
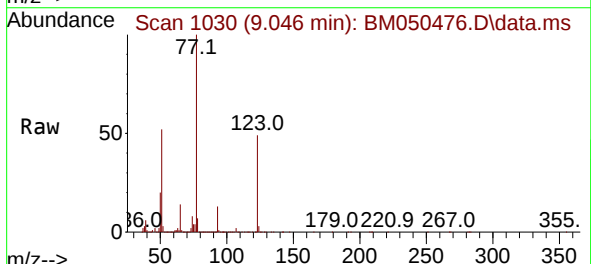
Instrument :
BNA_M
ClientSampleId :
PB168885BS

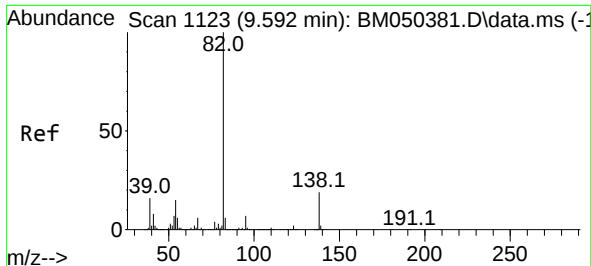
Tgt Ion: 82 Resp: 2933678
Ion Ratio Lower Upper
82 100
128 44.5 35.2 52.8
54 50.7 41.5 62.3



#24
Nitrobenzene
Concen: 44.305 ng
RT: 9.046 min Scan# 1030
Delta R.T. 0.001 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

Tgt Ion: 77 Resp: 1509739
Ion Ratio Lower Upper
77 100
123 48.5 37.0 55.6
65 13.8 11.0 16.4





#25

Isophorone

Concen: 45.423 ng

RT: 9.575 min Scan# 1120

Delta R.T. 0.001 min

Lab File: BM050476.D

Acq: 17 Jul 2025 15:57

Instrument :

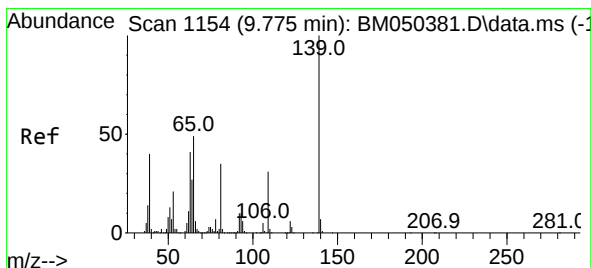
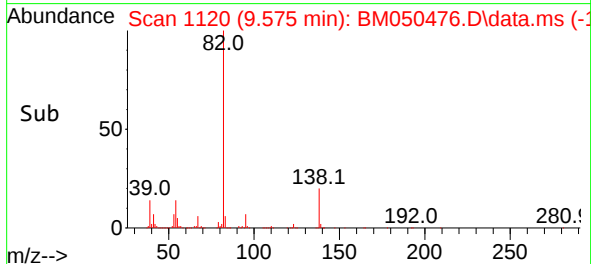
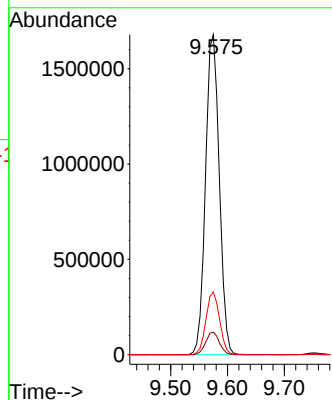
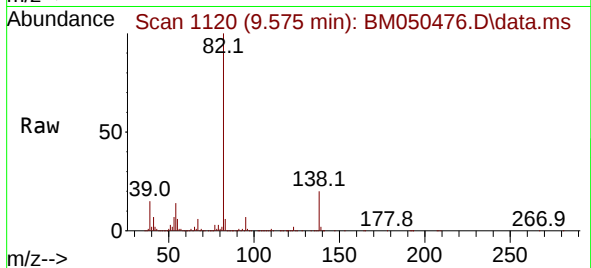
BNA_M

ClientSampleId :

PB168885BS

Tgt Ion: 82 Resp: 2814614

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.6	8.4
138	19.6	15.3	22.9



#26

2-Nitrophenol

Concen: 56.446 ng

RT: 9.752 min Scan# 1150

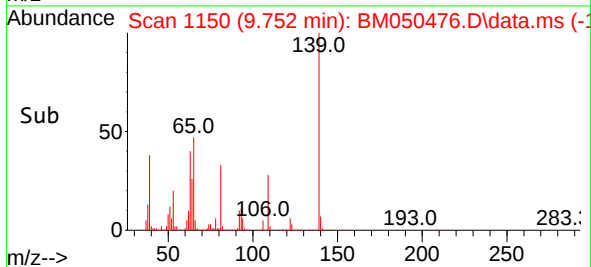
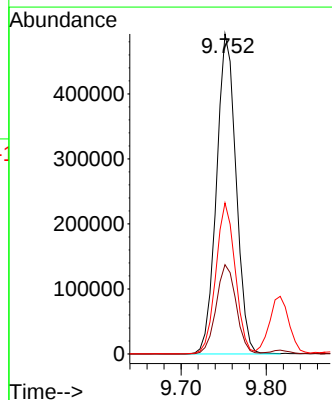
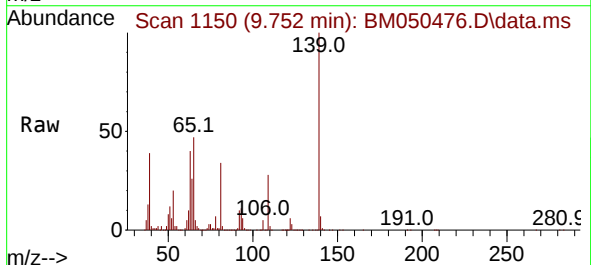
Delta R.T. 0.001 min

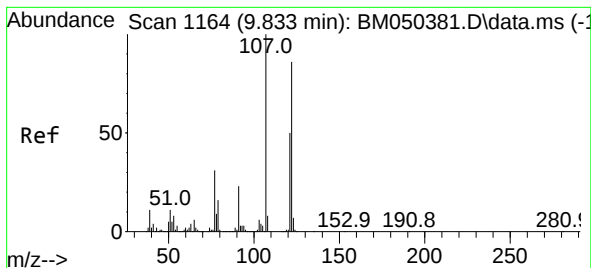
Lab File: BM050476.D

Acq: 17 Jul 2025 15:57

Tgt Ion:139 Resp: 783921

Ion	Ratio	Lower	Upper
139	100		
109	27.9	24.6	36.8
65	47.2	39.2	58.8

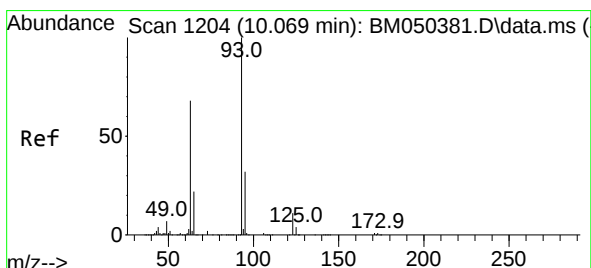
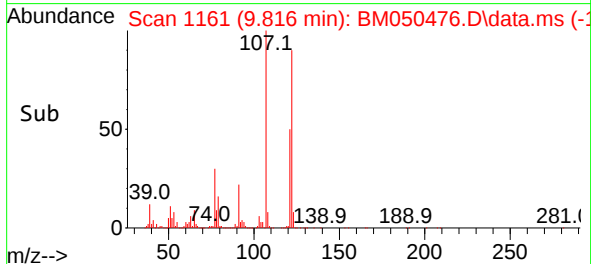
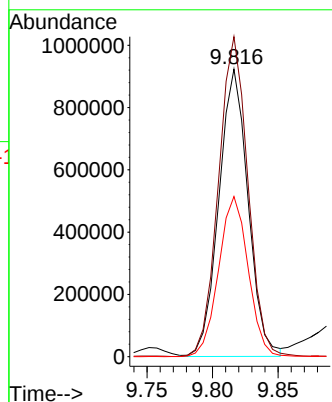
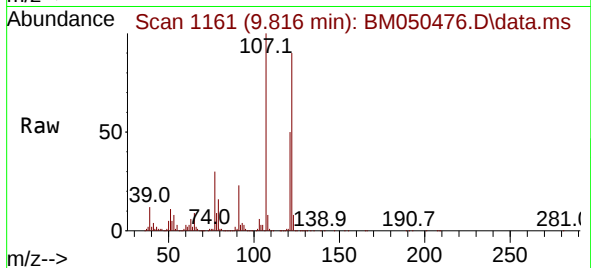




#27
2,4-Dimethylphenol
Concen: 48.416 ng
RT: 9.816 min Scan# 1161
Delta R.T. 0.001 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

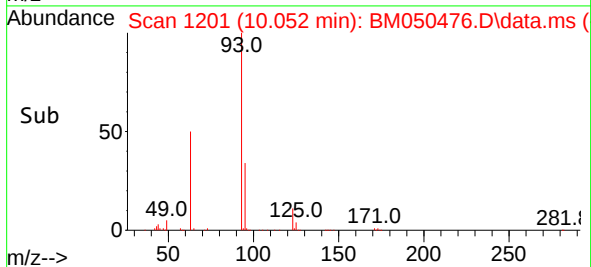
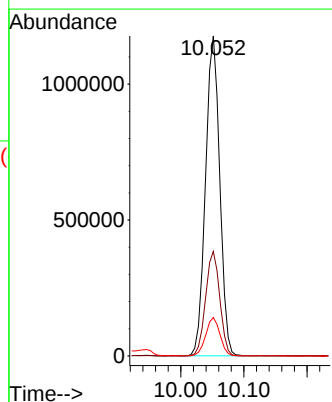
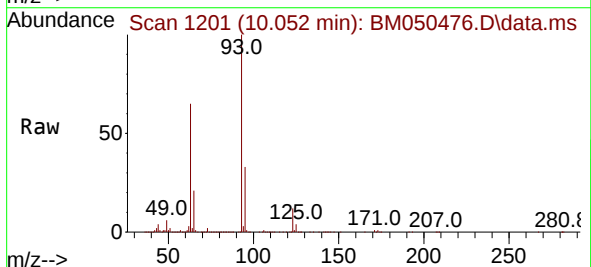
Instrument :
BNA_M
ClientSampleId :
PB168885BS

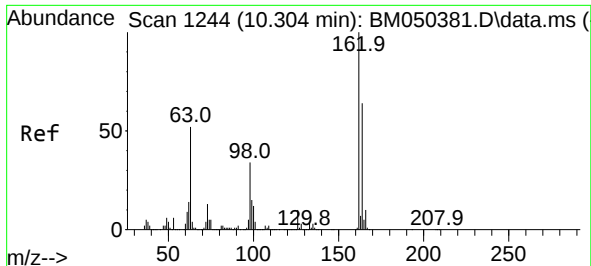
Tgt Ion:122 Resp: 1430792
Ion Ratio Lower Upper
122 100
107 111.3 93.0 139.6
121 55.7 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 44.768 ng
RT: 10.052 min Scan# 1201
Delta R.T. 0.001 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

Tgt Ion: 93 Resp: 1838156
Ion Ratio Lower Upper
93 100
95 32.7 25.8 38.6
123 12.0 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 50.768 ng

RT: 10.287 min Scan# 1

Delta R.T. 0.001 min

Lab File: BM050476.D

Acq: 17 Jul 2025 15:57

Instrument :

BNA_M

ClientSampleId :

PB168885BS

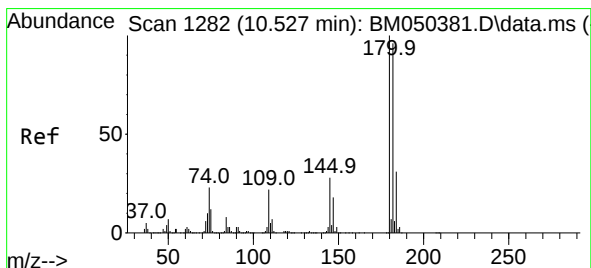
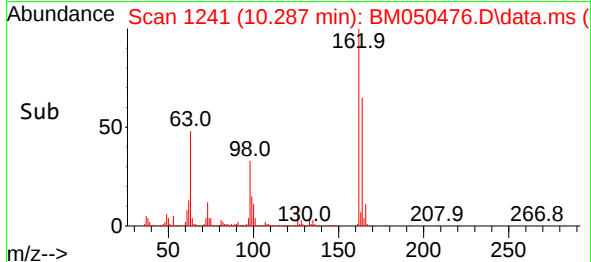
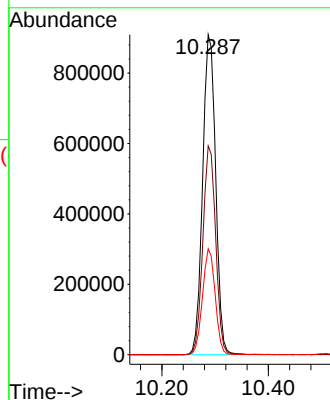
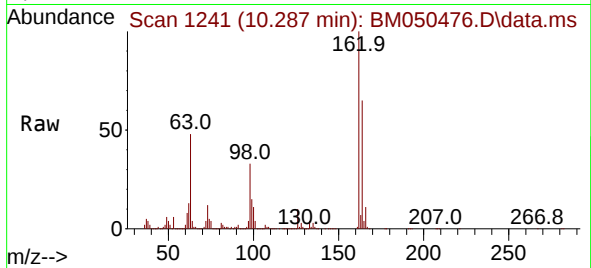
Tgt Ion:162 Resp: 1541348

Ion Ratio Lower Upper

162 100

164 65.2 43.7 83.7

98 33.1 13.7 53.7



#30

1,2,4-Trichlorobenzene

Concen: 45.296 ng

RT: 10.504 min Scan# 1278

Delta R.T. 0.001 min

Lab File: BM050476.D

Acq: 17 Jul 2025 15:57

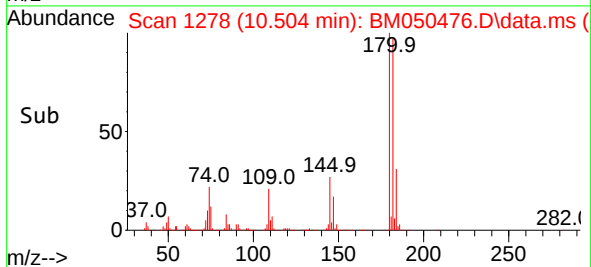
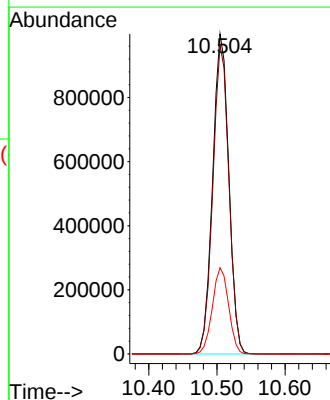
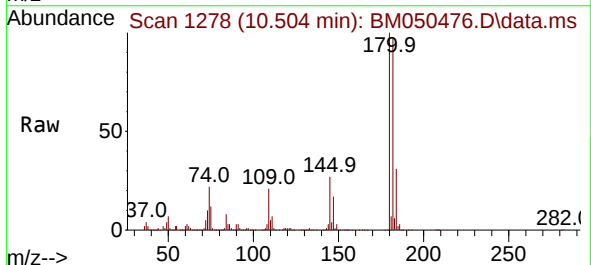
Tgt Ion:180 Resp: 1645152

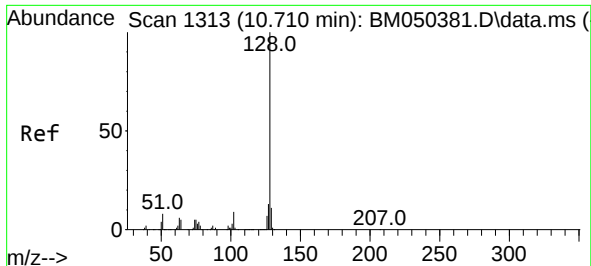
Ion Ratio Lower Upper

180 100

182 96.5 76.8 115.2

145 27.0 22.6 33.8

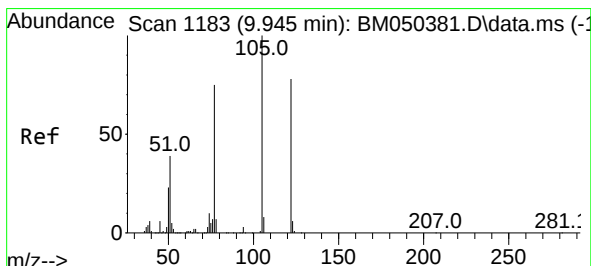
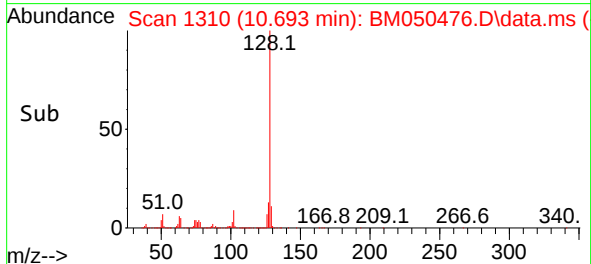
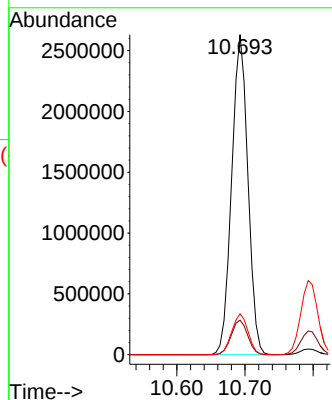
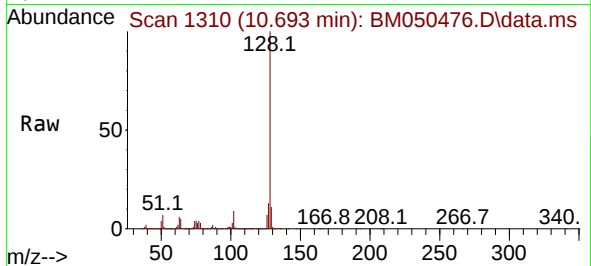




#31
Naphthalene
Concen: 43.933 ng
RT: 10.693 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

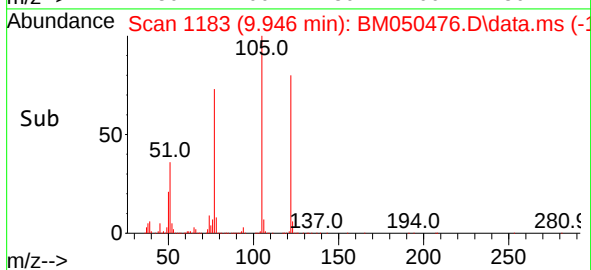
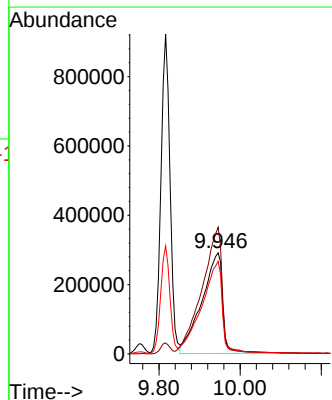
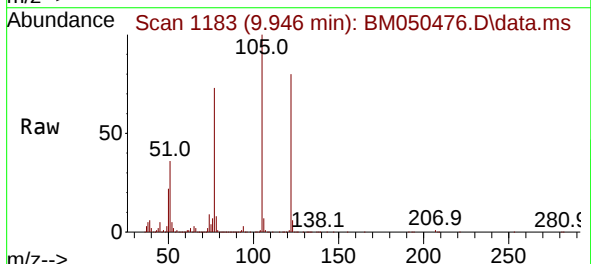
Instrument :
BNA_M
ClientSampleId :
PB168885BS

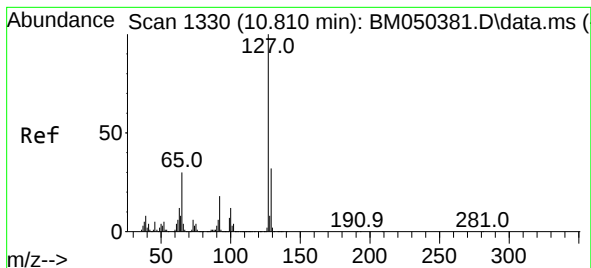
Tgt Ion:128 Resp: 4347399
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 12.8 10.4 15.6



#32
Benzoic acid
Concen: 55.734 ng
RT: 9.946 min Scan# 1183
Delta R.T. 0.012 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

Tgt Ion:122 Resp: 1030936
Ion Ratio Lower Upper
122 100
105 125.2 104.0 144.0
77 91.4 73.8 113.8





#33

4-Chloroaniline

Concen: 25.564 ng

RT: 10.793 min Scan# 1

Delta R.T. 0.001 min

Lab File: BM050476.D

Acq: 17 Jul 2025 15:57

Instrument :

BNA_M

ClientSampleId :

PB168885BS

Tgt Ion:127 Resp: 1069433

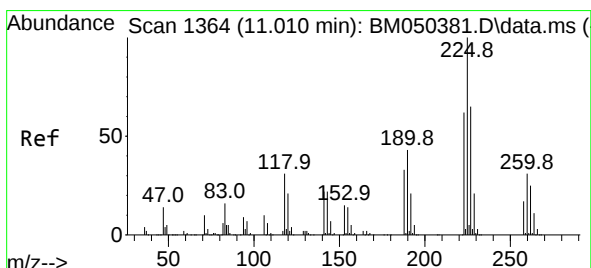
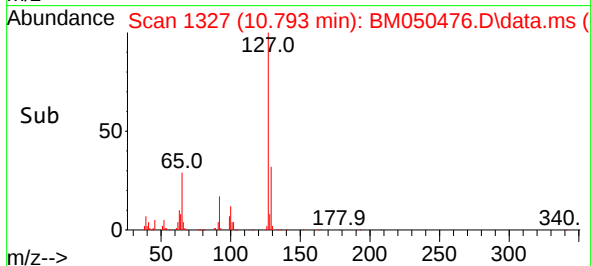
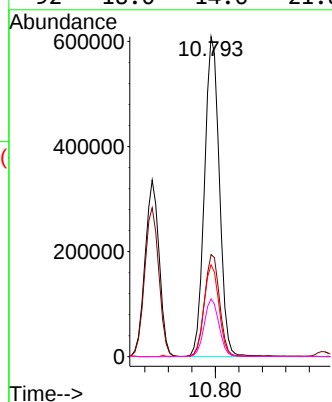
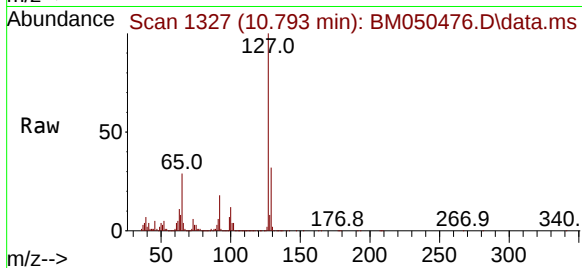
Ion Ratio Lower Upper

127 100

129 31.9 25.5 38.3

65 28.7 23.9 35.9

92 18.0 14.6 21.8



#34

Hexachlorobutadiene

Concen: 44.805 ng

RT: 10.987 min Scan# 1360

Delta R.T. 0.000 min

Lab File: BM050476.D

Acq: 17 Jul 2025 15:57

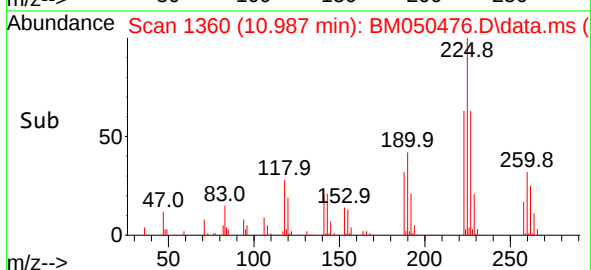
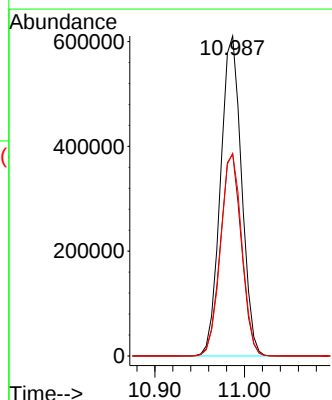
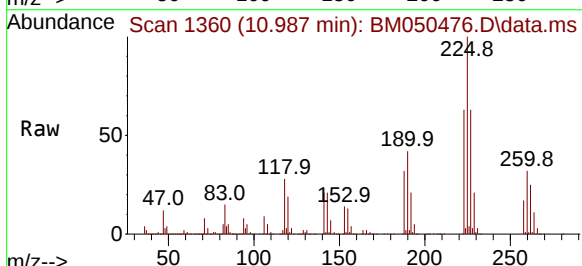
Tgt Ion:225 Resp: 993212

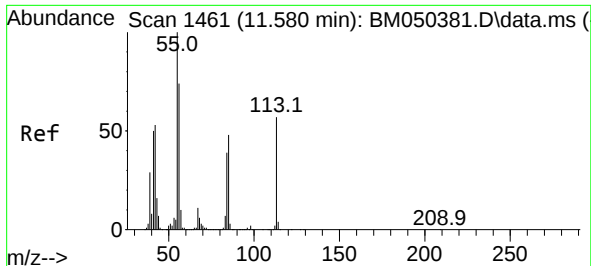
Ion Ratio Lower Upper

225 100

223 63.1 49.7 74.5

227 63.3 52.1 78.1

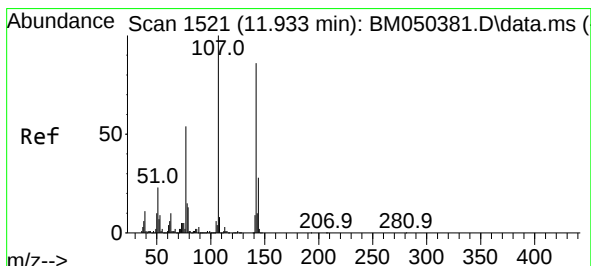
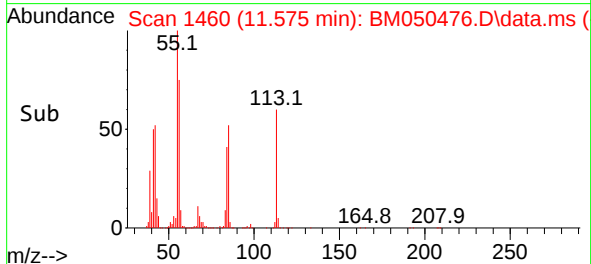
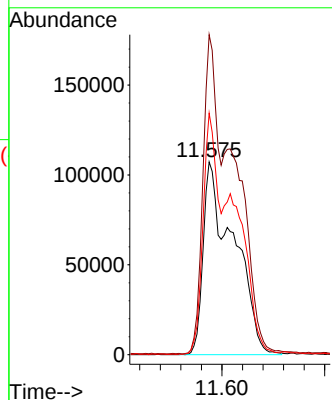
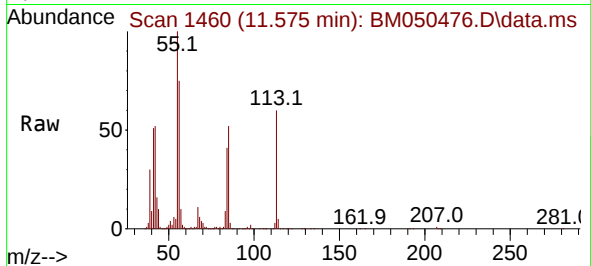




#35
Caprolactam
Concen: 53.108 ng m
RT: 11.575 min Scan# 1460
Delta R.T. 0.001 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

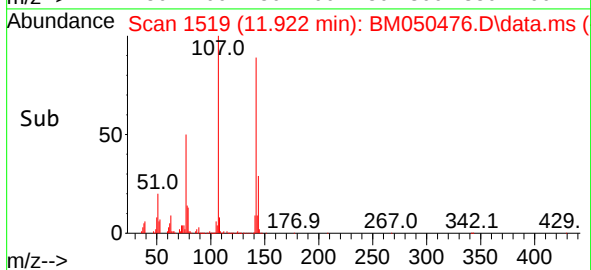
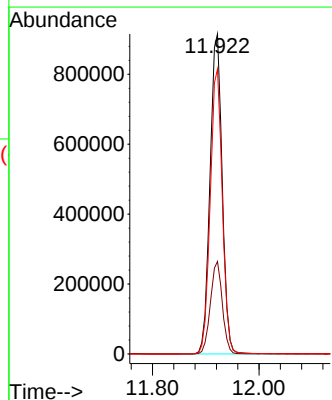
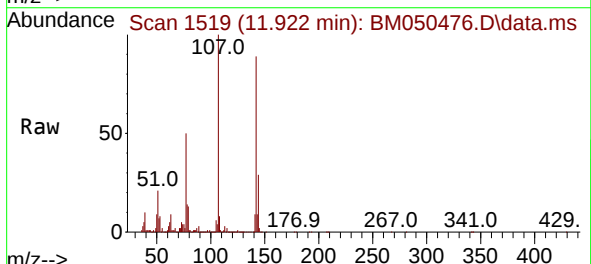
Instrument :
BNA_M
ClientSampleId :
PB168885BS

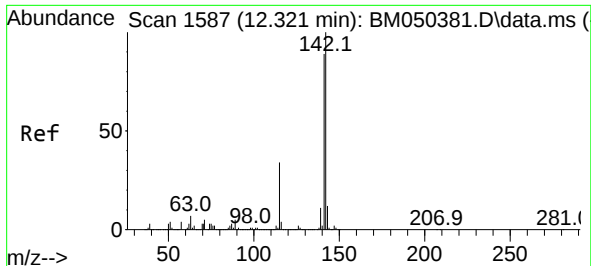
Tgt Ion:113 Resp: 440167
Ion Ratio Lower Upper
113 100
55 165.9 157.2 197.2
56 125.3 111.7 151.7



#36
4-Chloro-3-methylphenol
Concen: 51.138 ng
RT: 11.922 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

Tgt Ion:107 Resp: 1449850
Ion Ratio Lower Upper
107 100
144 28.9 22.2 33.4
142 89.0 68.7 103.1

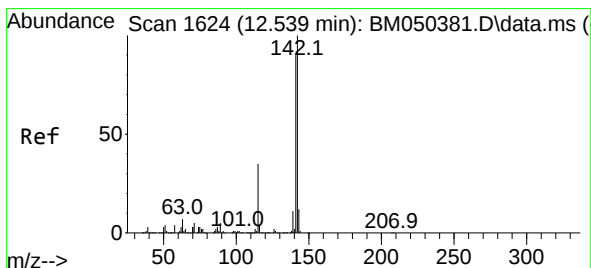
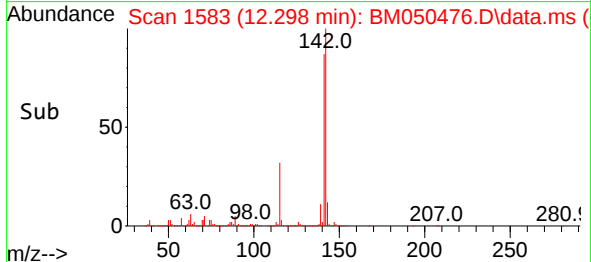
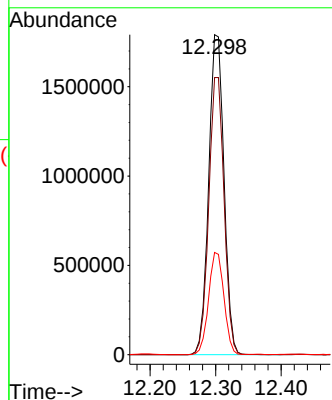
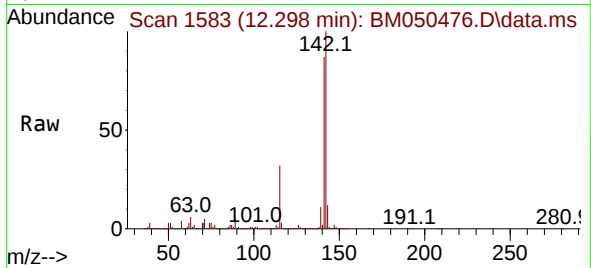




#37
2-Methylnaphthalene
Concen: 46.526 ng
RT: 12.298 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

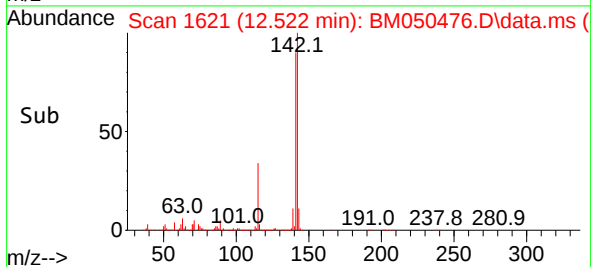
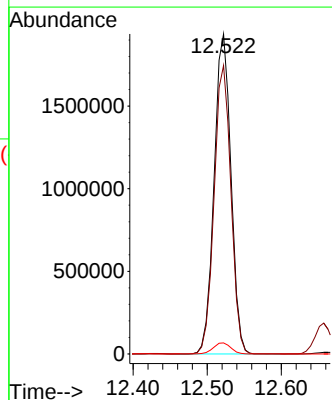
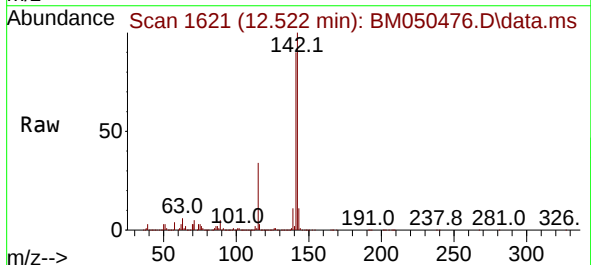
Instrument :
BNA_M
ClientSampleId :
PB168885BS

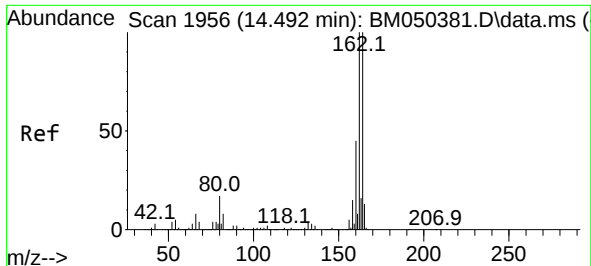
Tgt Ion:142 Resp: 2906964
Ion Ratio Lower Upper
142 100
141 86.6 70.8 106.2
115 31.9 27.0 40.4



#38
1-Methylnaphthalene
Concen: 46.083 ng
RT: 12.522 min Scan# 1621
Delta R.T. 0.000 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

Tgt Ion:142 Resp: 3047148
Ion Ratio Lower Upper
142 100
141 90.2 71.9 107.9
116 3.5 3.0 4.6

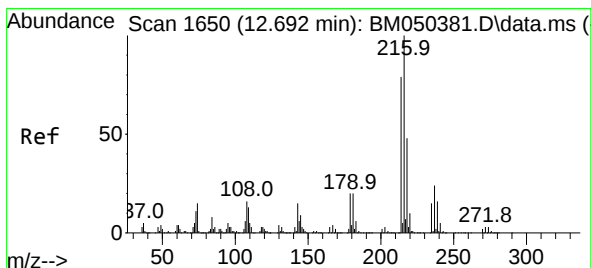
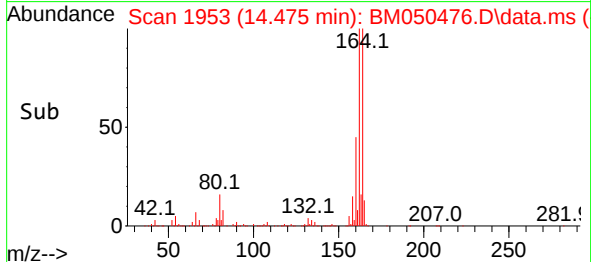
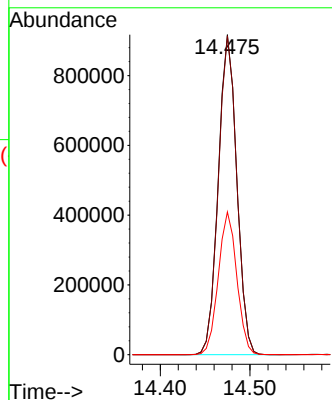
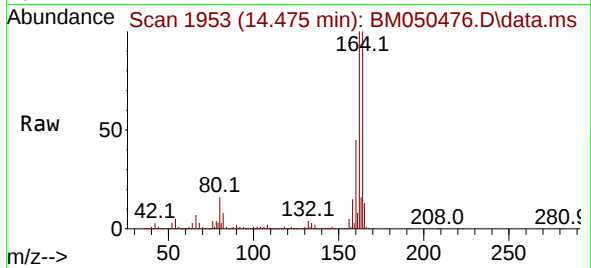




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.475 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

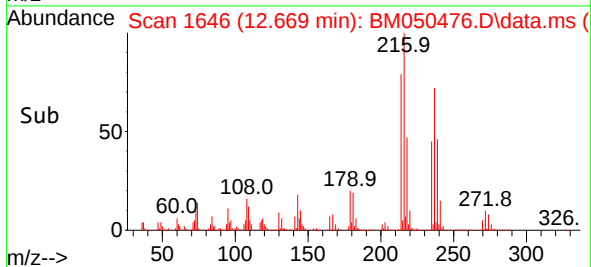
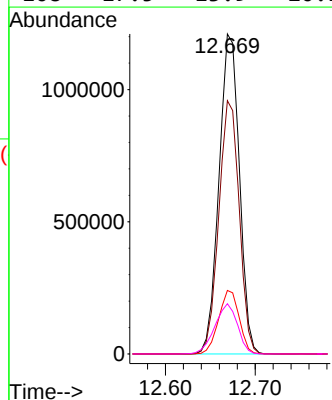
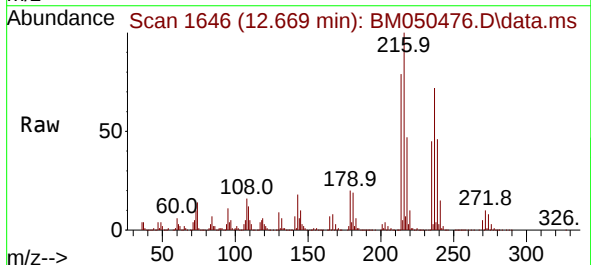
Instrument :
BNA_M
ClientSampleId :
PB168885BS

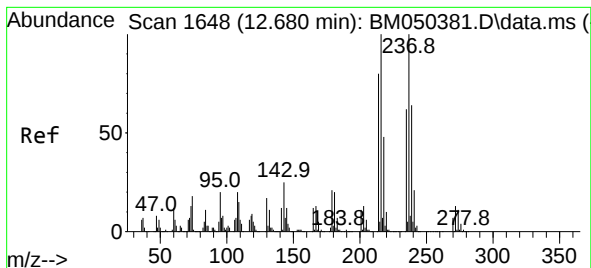
Tgt Ion:164 Resp: 1313335
Ion Ratio Lower Upper
164 100
162 99.6 79.9 119.9
160 44.6 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.724 ng
RT: 12.669 min Scan# 1646
Delta R.T. 0.000 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

Tgt Ion:216 Resp: 1909685
Ion Ratio Lower Upper
216 100
214 79.2 63.3 94.9
179 20.0 16.4 24.6
108 17.5 13.9 20.9





#41

Hexachlorocyclopentadiene

Concen: 97.780 ng

RT: 12.657 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM050476.D

Acq: 17 Jul 2025 15:57

Instrument :

BNA_M

ClientSampleId :

PB168885BS

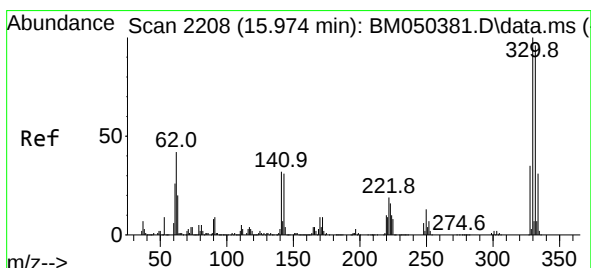
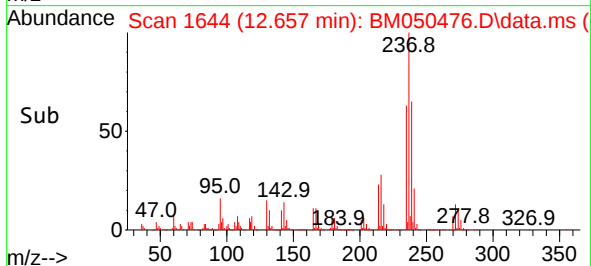
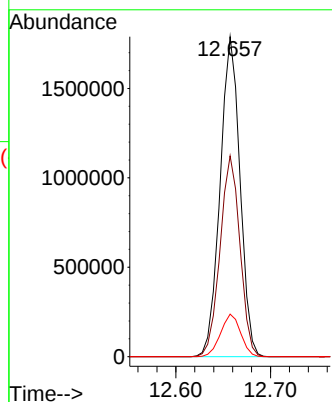
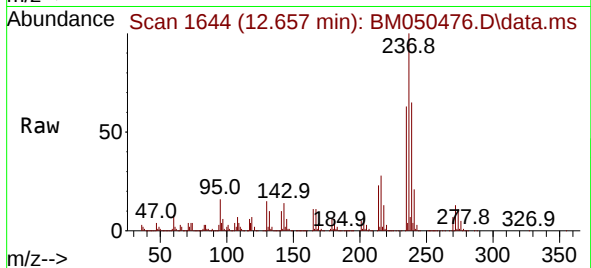
Tgt Ion:237 Resp: 2610418

Ion Ratio Lower Upper

237 100

235 62.8 42.3 82.3

272 13.3 0.0 33.0



#42

2,4,6-Tribromophenol

Concen: 149.748 ng

RT: 15.957 min Scan# 2205

Delta R.T. 0.001 min

Lab File: BM050476.D

Acq: 17 Jul 2025 15:57

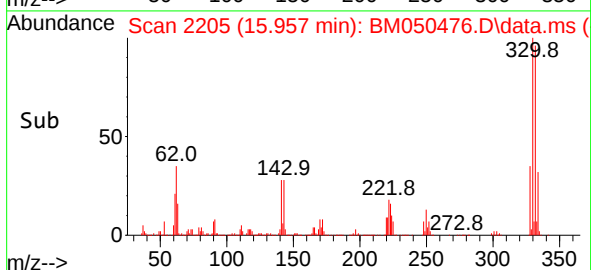
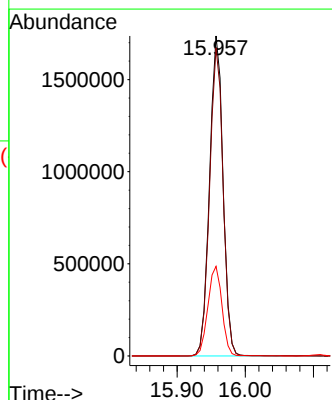
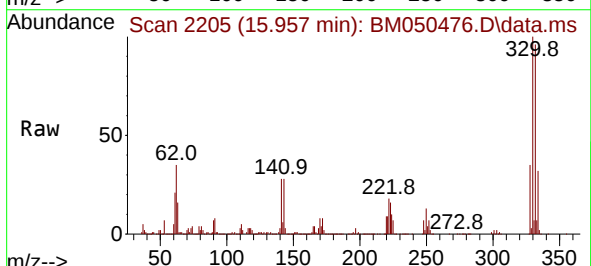
Tgt Ion:330 Resp: 2389558

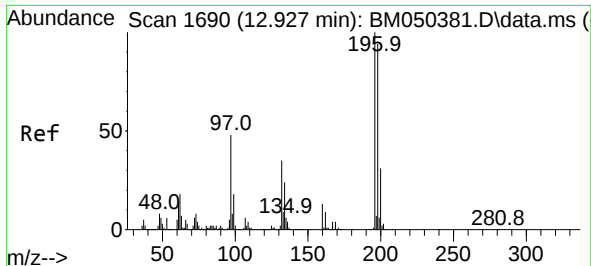
Ion Ratio Lower Upper

330 100

332 96.5 76.9 115.3

141 29.3 27.4 41.0

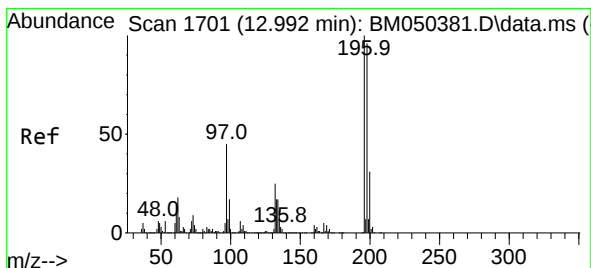
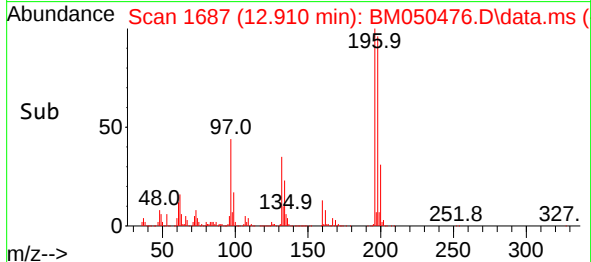
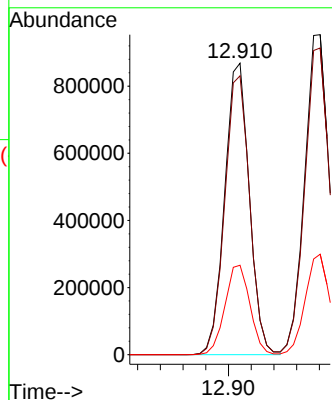
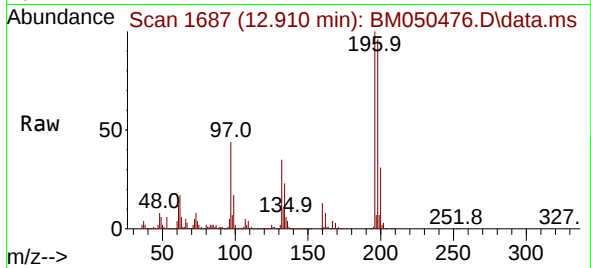




#43
2,4,6-Trichlorophenol
Concen: 50.938 ng
RT: 12.910 min Scan# 1
Delta R.T. 0.001 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

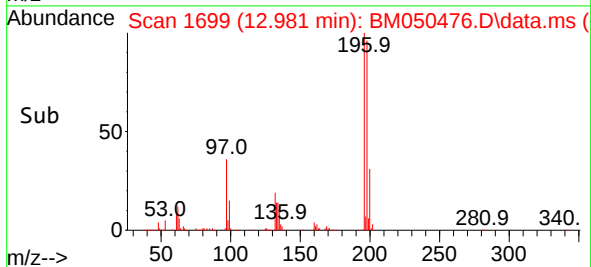
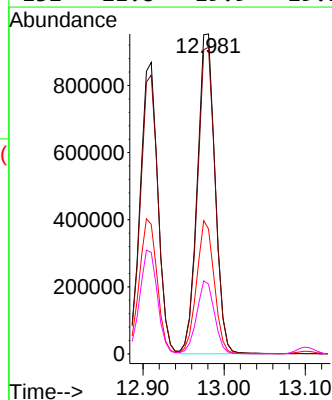
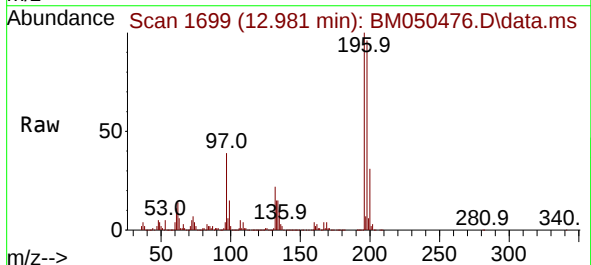
Instrument :
BNA_M
ClientSampleId :
PB168885BS

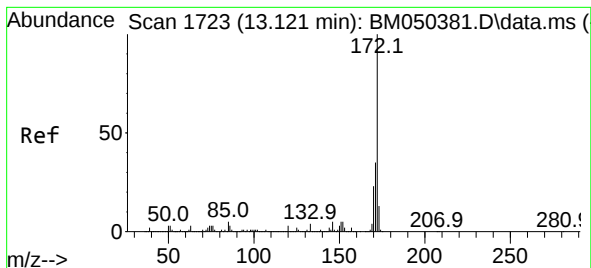
Tgt Ion:196 Resp: 1309524
Ion Ratio Lower Upper
196 100
198 95.6 75.1 112.7
200 30.7 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 51.658 ng
RT: 12.981 min Scan# 1699
Delta R.T. 0.006 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

Tgt Ion:196 Resp: 1450386
Ion Ratio Lower Upper
196 100
198 95.8 77.2 115.8
97 39.1 36.2 54.4
132 21.8 19.9 29.9





#45

2-Fluorobiphenyl

Concen: 73.518 ng

RT: 13.104 min Scan# 1720

Delta R.T. 0.000 min

Lab File: BM050476.D

Acq: 17 Jul 2025 15:57

Instrument :

BNA_M

ClientSampleId :

PB168885BS

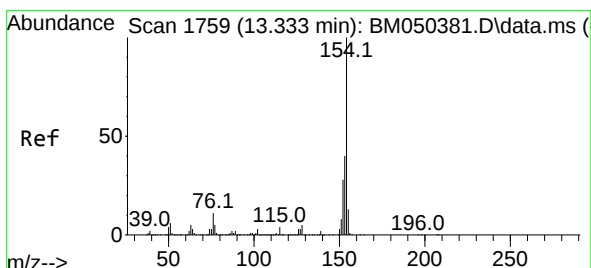
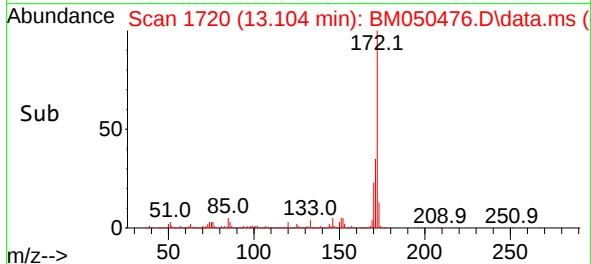
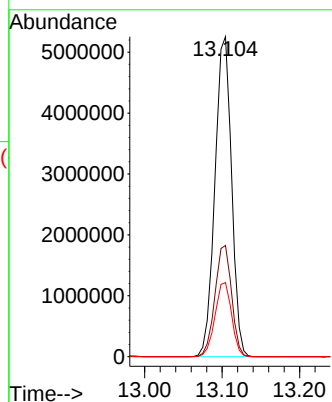
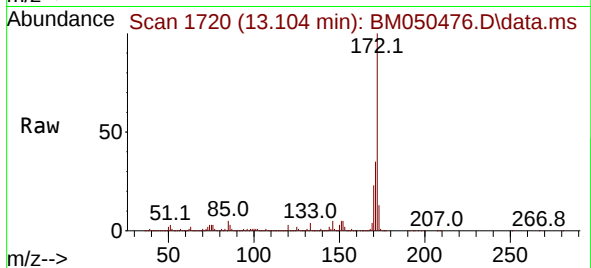
Tgt Ion:172 Resp: 7818506

Ion Ratio Lower Upper

172 100

171 34.8 27.7 41.5

170 23.2 18.8 28.2



#46

1,1'-Biphenyl

Concen: 44.311 ng

RT: 13.310 min Scan# 1755

Delta R.T. 0.001 min

Lab File: BM050476.D

Acq: 17 Jul 2025 15:57

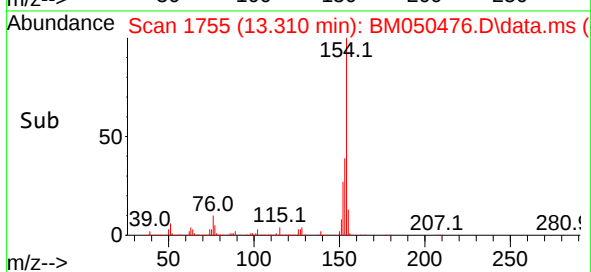
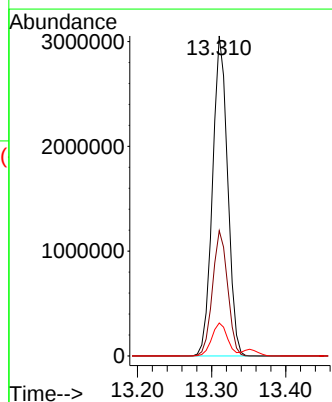
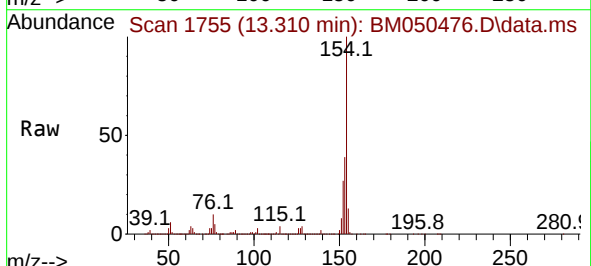
Tgt Ion:154 Resp: 4317725

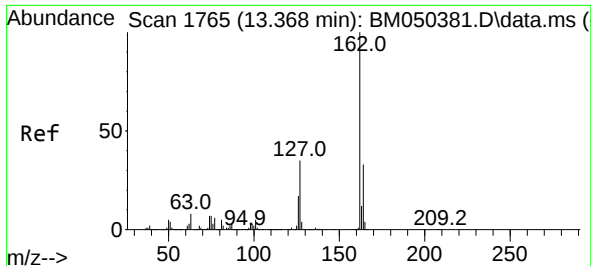
Ion Ratio Lower Upper

154 100

153 39.1 19.7 59.7

76 10.3 0.0 30.9

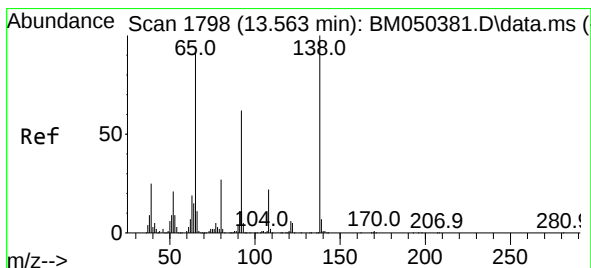
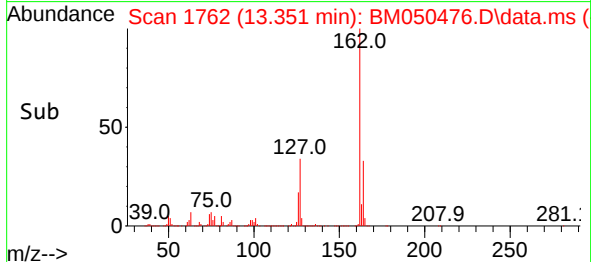
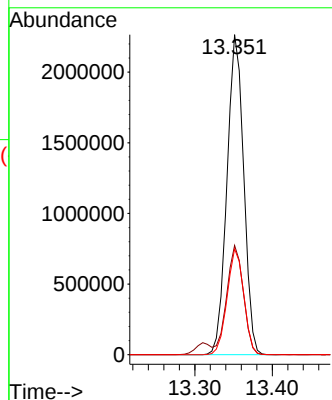
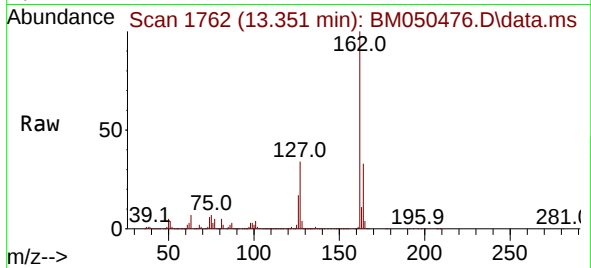




#47
2-Chloronaphthalene
Concen: 43.840 ng
RT: 13.351 min Scan# 1762
Delta R.T. 0.001 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

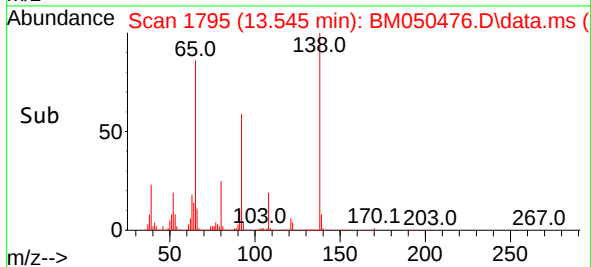
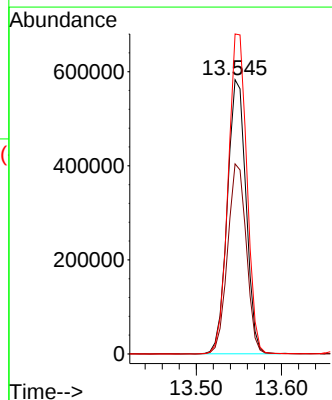
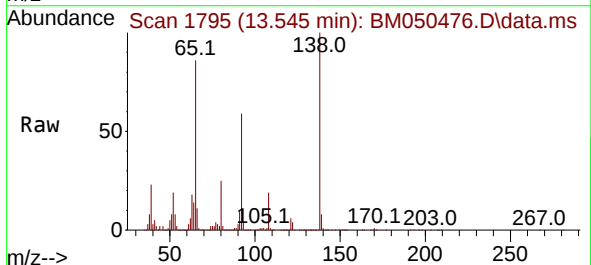
Instrument :
BNA_M
ClientSampleId :
PB168885BS

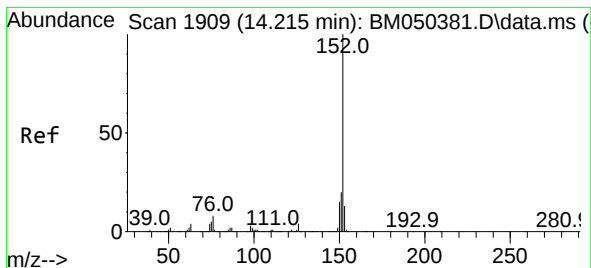
Tgt Ion:162 Resp: 3405944
Ion Ratio Lower Upper
162 100
127 34.2 28.3 42.5
164 33.0 26.6 40.0



#48
2-Nitroaniline
Concen: 51.189 ng
RT: 13.545 min Scan# 1795
Delta R.T. 0.000 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

Tgt Ion: 65 Resp: 887681
Ion Ratio Lower Upper
65 100
92 69.3 54.3 81.5
138 116.7 87.8 131.6





#49

Acenaphthylene

Concen: 45.277 ng

RT: 14.198 min Scan# 1906

Delta R.T. 0.001 min

Lab File: BM050476.D

Acq: 17 Jul 2025 15:57

Instrument :

BNA_M

ClientSampleId :

PB168885BS

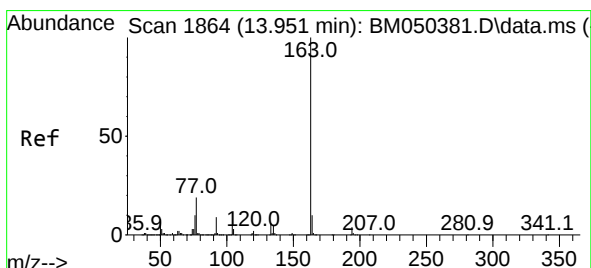
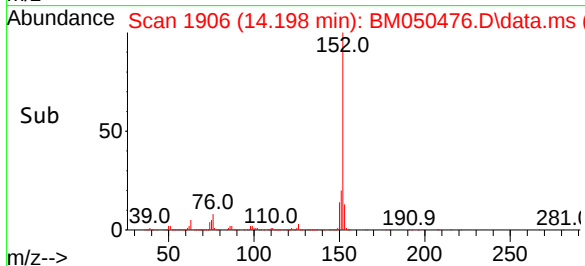
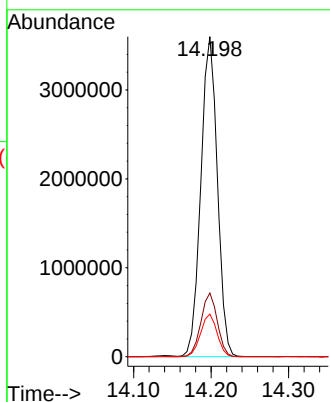
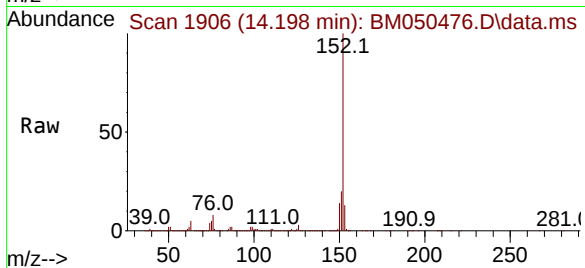
Tgt Ion:152 Resp: 5316054

Ion Ratio Lower Upper

152 100

151 19.9 16.3 24.5

153 13.3 10.6 15.8



#50

Dimethylphthalate

Concen: 46.615 ng

RT: 13.934 min Scan# 1861

Delta R.T. 0.000 min

Lab File: BM050476.D

Acq: 17 Jul 2025 15:57

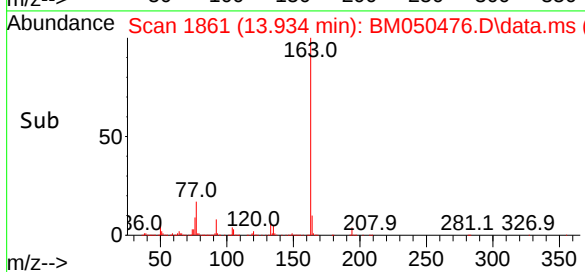
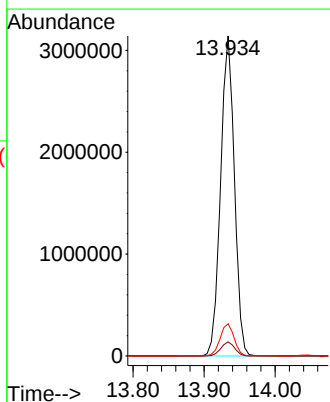
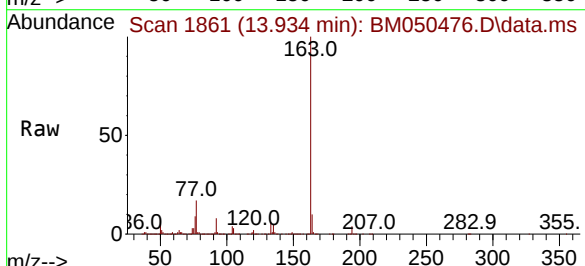
Tgt Ion:163 Resp: 4214908

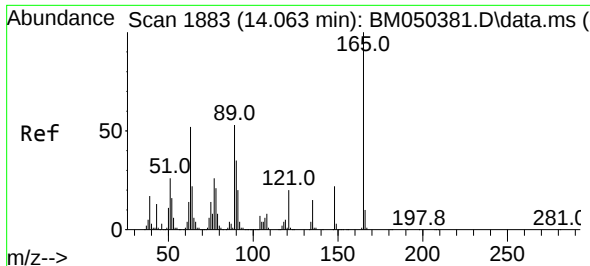
Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

164 10.1 8.2 12.2

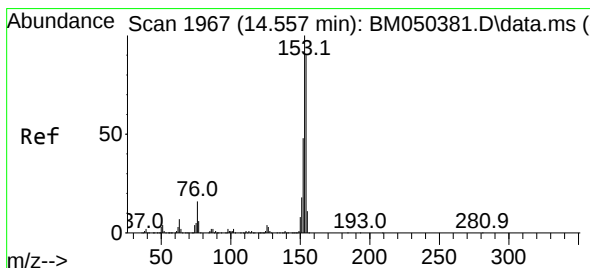
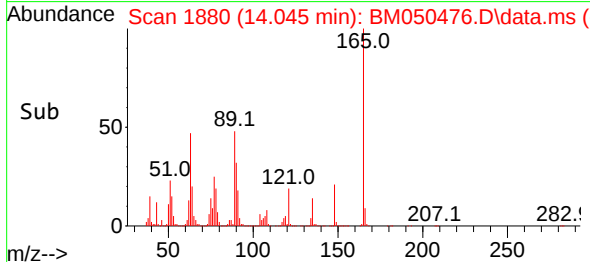
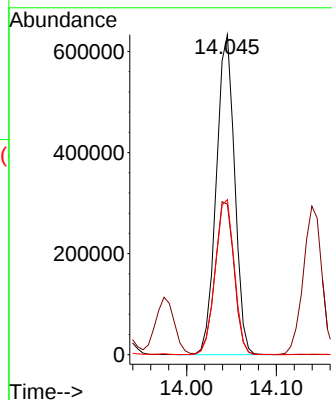
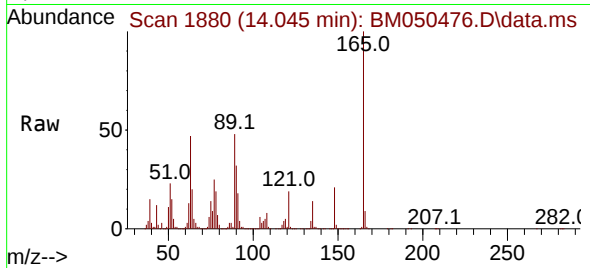




#51
2,6-Dinitrotoluene
Concen: 51.738 ng
RT: 14.045 min Scan# 1883
Delta R.T. 0.000 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

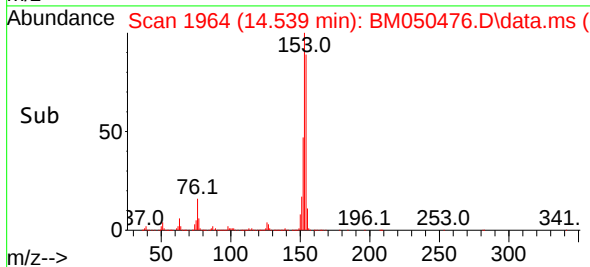
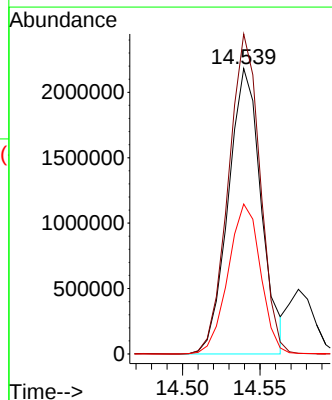
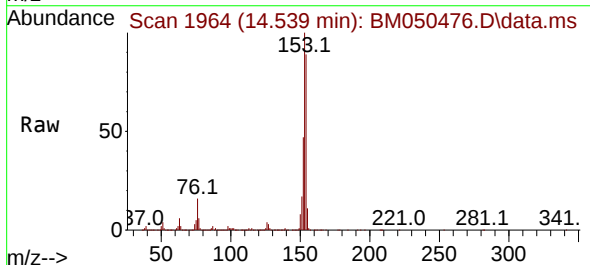
Instrument :
BNA_M
ClientSampleId :
PB168885BS

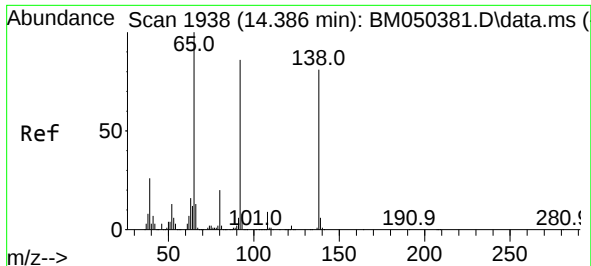
Tgt Ion:165 Resp: 898217
Ion Ratio Lower Upper
165 100
63 47.1 42.4 63.6
89 48.4 42.2 63.2



#52
Acenaphthene
Concen: 43.143 ng
RT: 14.539 min Scan# 1964
Delta R.T. 0.001 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

Tgt Ion:154 Resp: 3220488
Ion Ratio Lower Upper
154 100
153 112.1 89.2 133.8
152 52.5 42.6 64.0

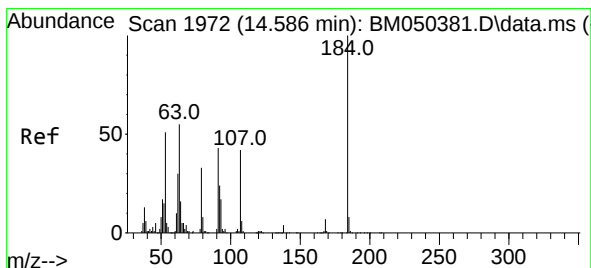
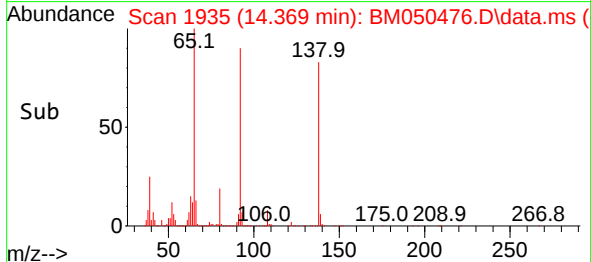
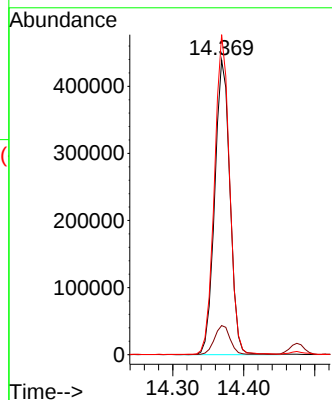
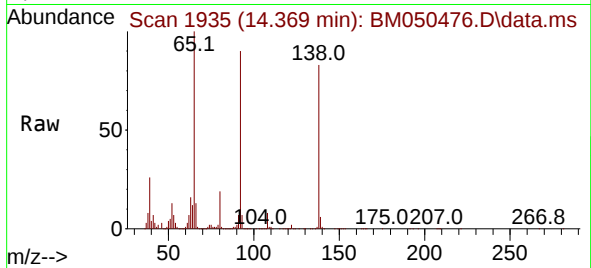




#53
3-Nitroaniline
Concen: 35.347 ng
RT: 14.369 min Scan# 1935
Delta R.T. 0.001 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

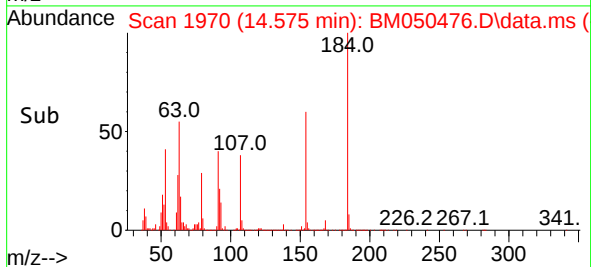
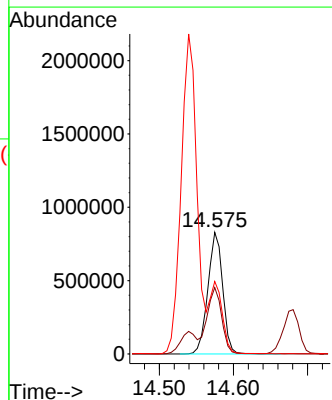
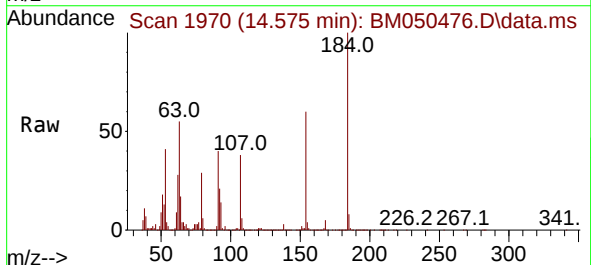
Instrument :
BNA_M
ClientSampleId :
PB168885BS

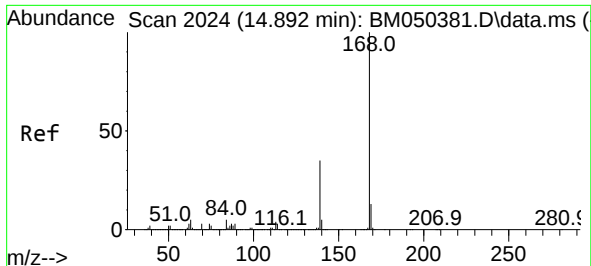
Tgt Ion:138 Resp: 652608
Ion Ratio Lower Upper
138 100
108 9.9 8.8 13.2
92 108.6 85.0 127.6



#54
2,4-Dinitrophenol
Concen: 117.097 ng
RT: 14.575 min Scan# 1970
Delta R.T. 0.001 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

Tgt Ion:184 Resp: 1152712
Ion Ratio Lower Upper
184 100
63 54.6 53.4 80.0
154 59.6 61.6 92.4#

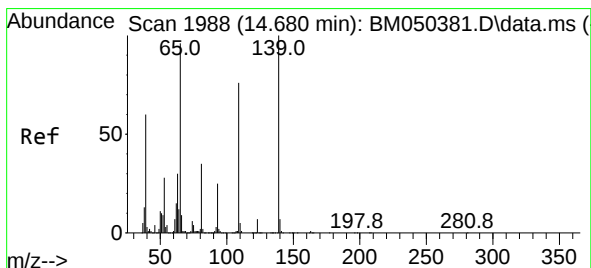
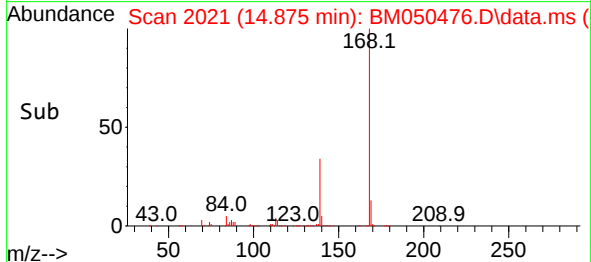
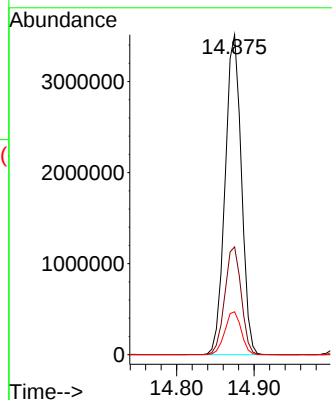
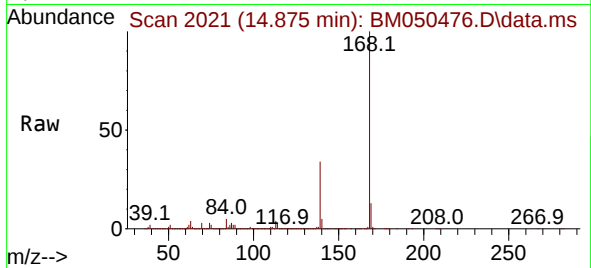




#55
Dibenzenofuran
Concen: 44.563 ng
RT: 14.875 min Scan# 20
Delta R.T. 0.001 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

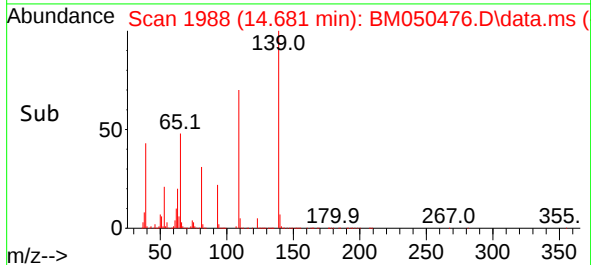
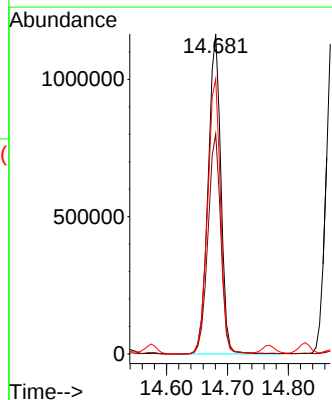
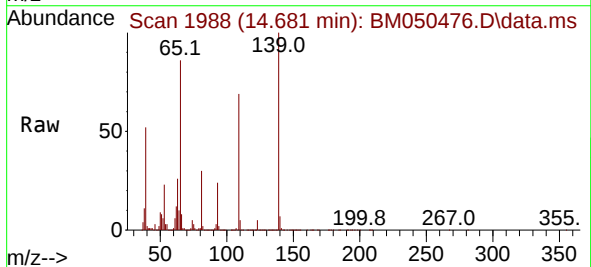
Instrument :
BNA_M
ClientSampleId :
PB168885BS

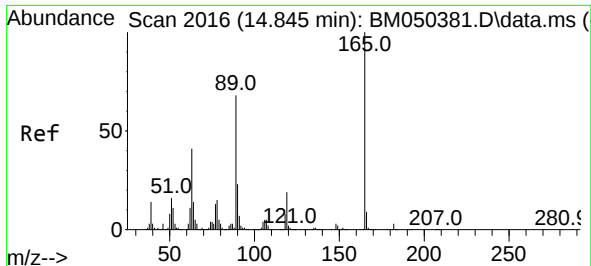
Tgt Ion:168 Resp: 5125414
Ion Ratio Lower Upper
168 100
139 33.7 27.7 41.5
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 106.789 ng
RT: 14.681 min Scan# 1988
Delta R.T. 0.006 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

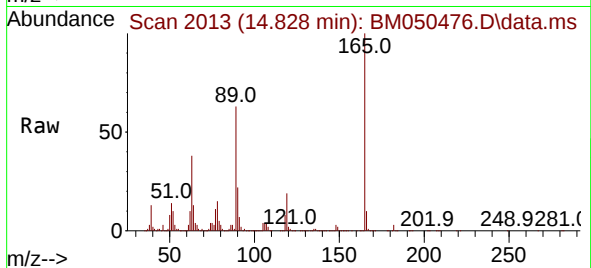
Tgt Ion:139 Resp: 1695556
Ion Ratio Lower Upper
139 100
109 68.7 56.5 96.5
65 86.0 76.4 116.4



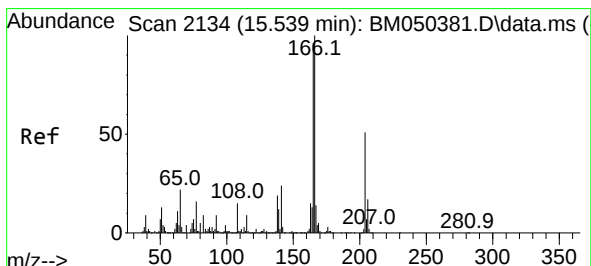
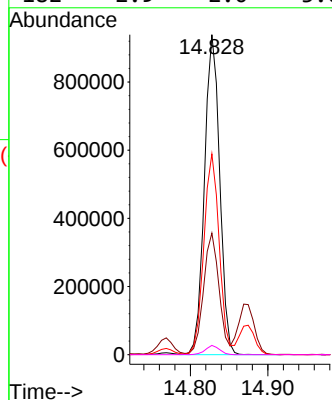
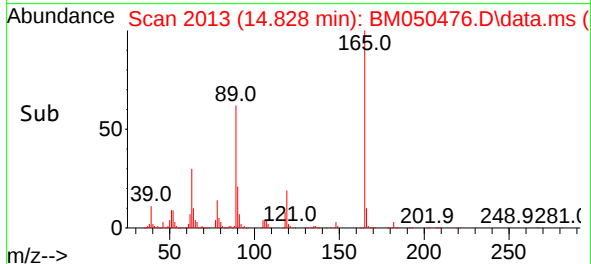


#57
2,4-Dinitrotoluene
Concen: 49.227 ng
RT: 14.828 min Scan# 2016
Delta R.T. 0.001 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

Instrument :
BNA_M
ClientSampleId :
PB168885BS

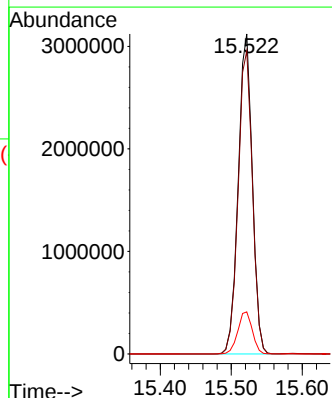
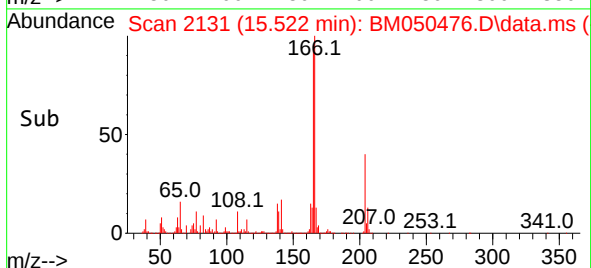
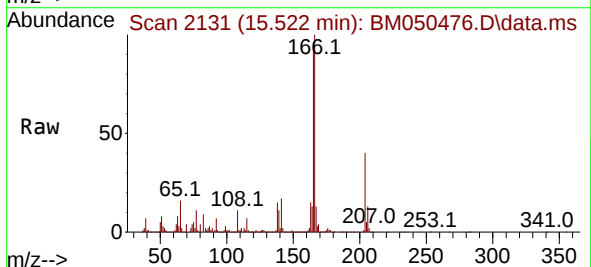


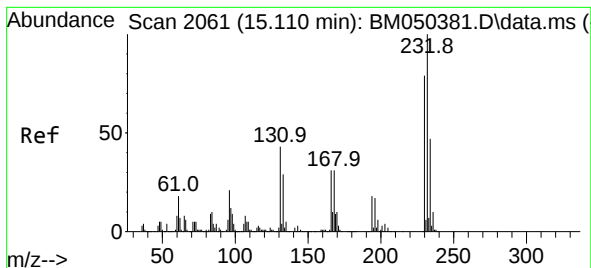
Tgt Ion:165 Resp: 1281292
Ion Ratio Lower Upper
165 100
63 38.0 32.5 48.7
89 62.8 54.0 81.0
182 2.9 2.0 3.0



#58
Fluorene
Concen: 45.471 ng
RT: 15.522 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

Tgt Ion:166 Resp: 4307700
Ion Ratio Lower Upper
166 100
165 94.7 77.0 115.6
167 13.2 10.9 16.3

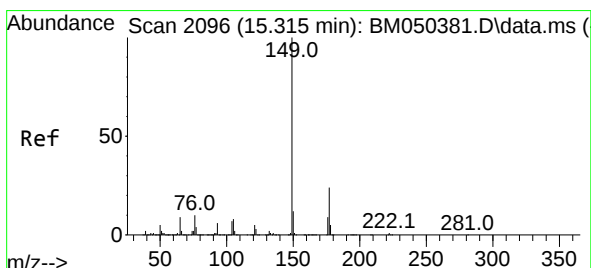
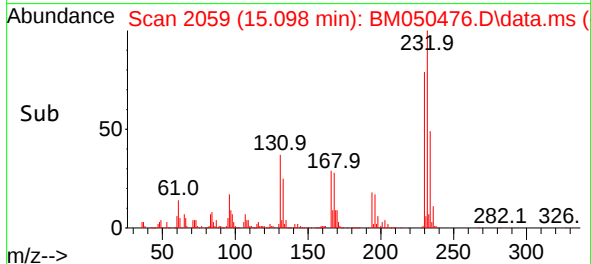
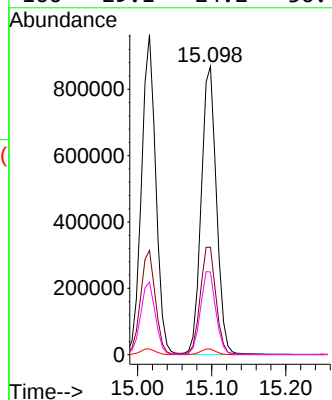
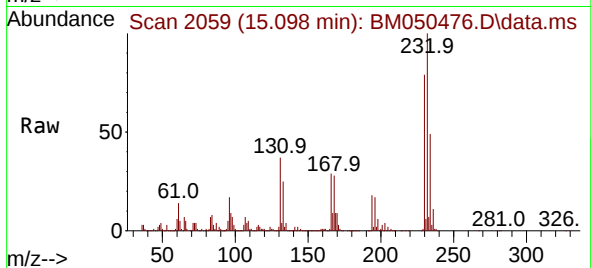




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.459 ng
RT: 15.098 min Scan# 2059
Delta R.T. 0.001 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

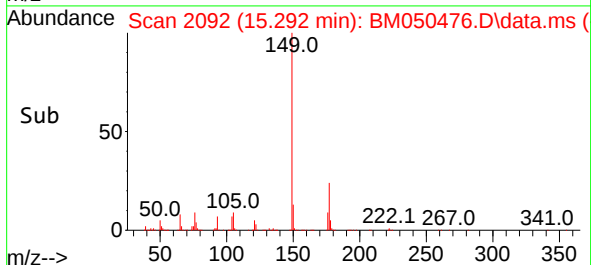
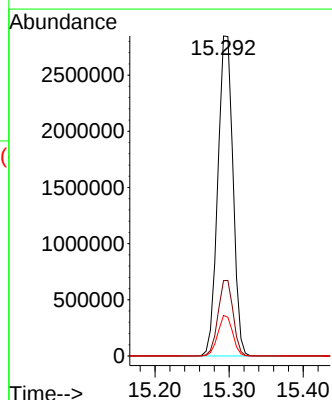
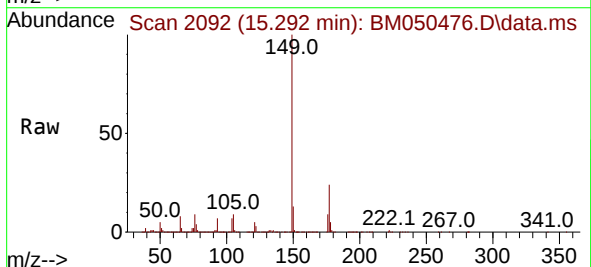
Instrument :
BNA_M
ClientSampleId :
PB168885BS

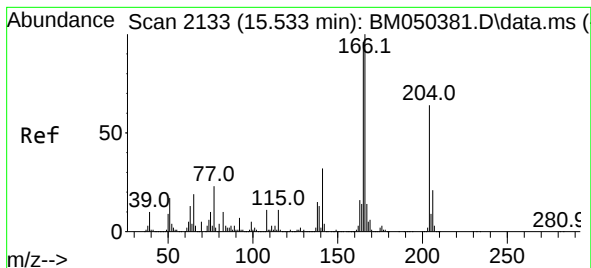
Tgt Ion:232 Resp: 1239852
Ion Ratio Lower Upper
232 100
131 38.5 33.4 50.0
130 2.1 1.8 2.6
166 29.1 24.2 36.4



#60
Diethylphthalate
Concen: 46.776 ng
RT: 15.292 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

Tgt Ion:149 Resp: 4040195
Ion Ratio Lower Upper
149 100
177 23.6 18.8 28.2
150 12.6 9.8 14.8

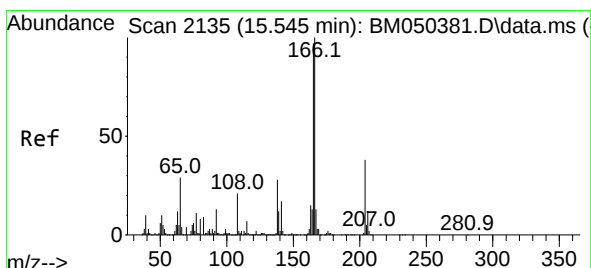
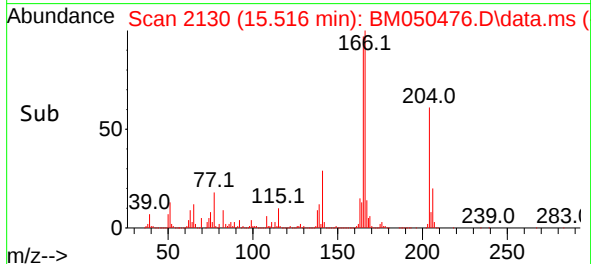
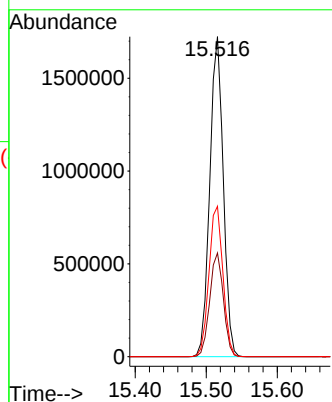
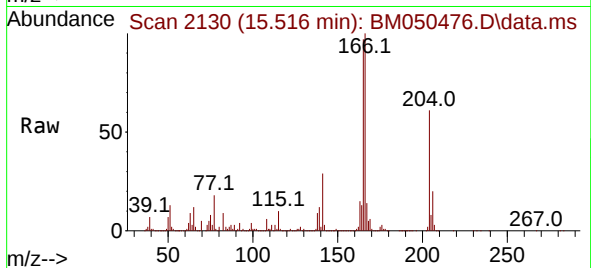




#61
4-Chlorophenyl-phenylether
Concen: 45.997 ng
RT: 15.516 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

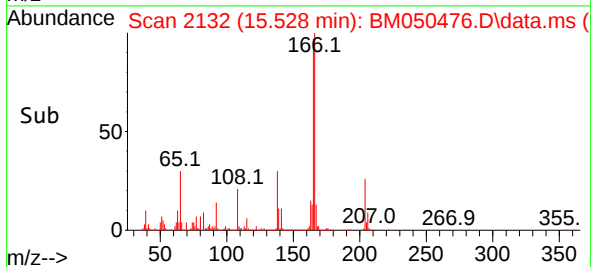
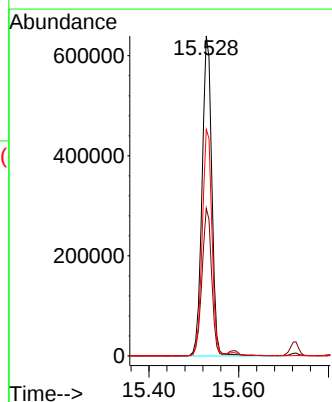
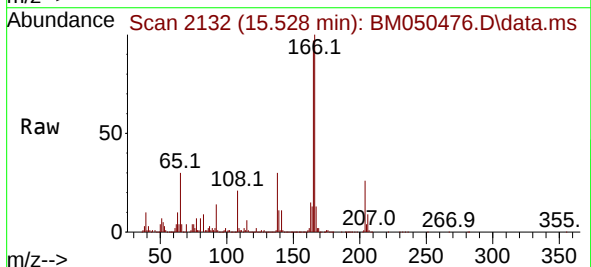
Instrument :
BNA_M
ClientSampleId :
PB168885BS

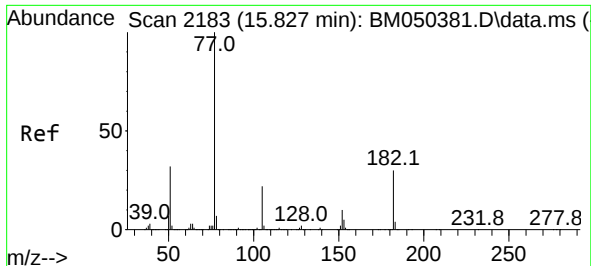
Tgt Ion:204 Resp: 2278500
Ion Ratio Lower Upper
204 100
206 32.4 26.6 39.8
141 47.0 39.9 59.9



#62
4-Nitroaniline
Concen: 45.527 ng
RT: 15.528 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

Tgt Ion:138 Resp: 963365
Ion Ratio Lower Upper
138 100
92 46.2 24.5 64.5
108 70.8 52.5 92.5



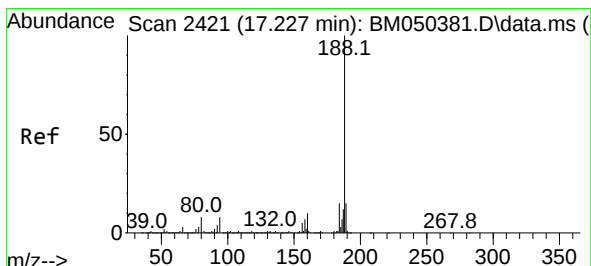
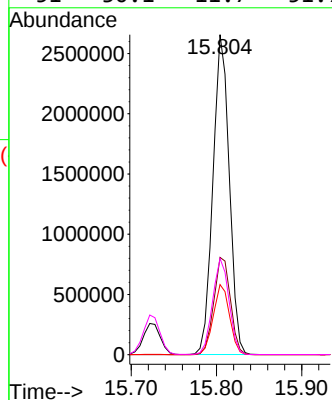
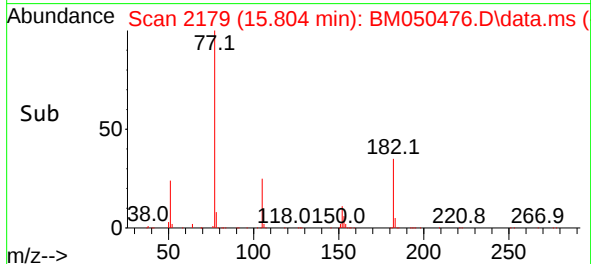
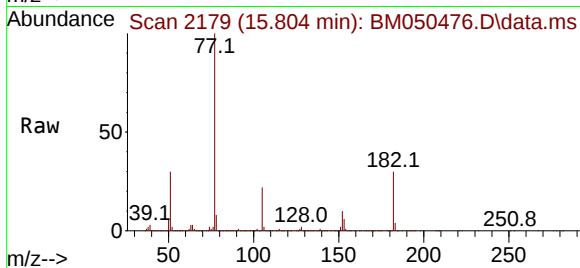


#63
Azobenzene
Concen: 44.475 ng
RT: 15.804 min Scan# 2183
Delta R.T. 0.001 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

Instrument :
BNA_M
ClientSampleId :
PB168885BS

Tgt Ion: 77 Resp: 3527371

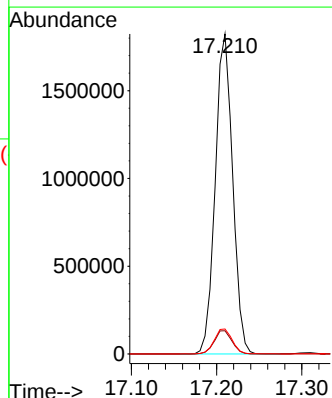
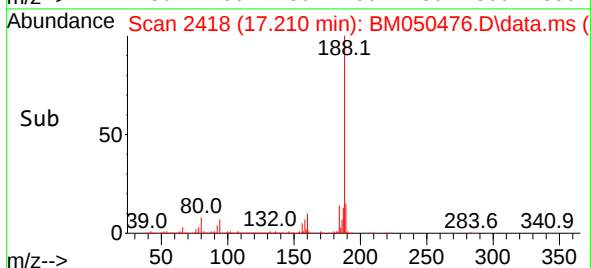
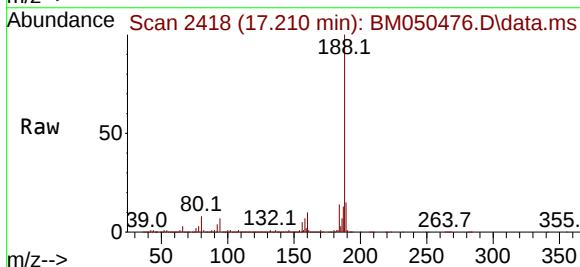
Ion	Ratio	Lower	Upper
77	100		
182	30.4	10.0	50.0
105	21.9	2.0	42.0
51	30.1	11.7	51.7

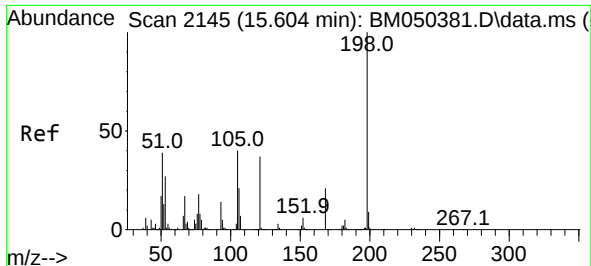


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2418
Delta R.T. 0.000 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

Tgt Ion: 188 Resp: 2583210

Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.0	9.0
80	7.8	6.5	9.7

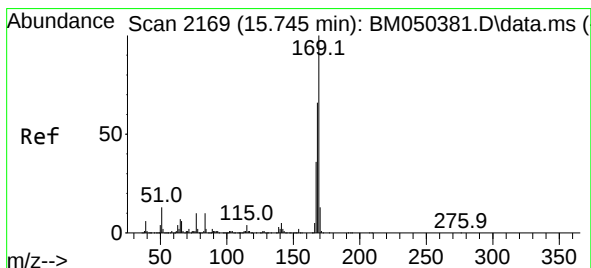
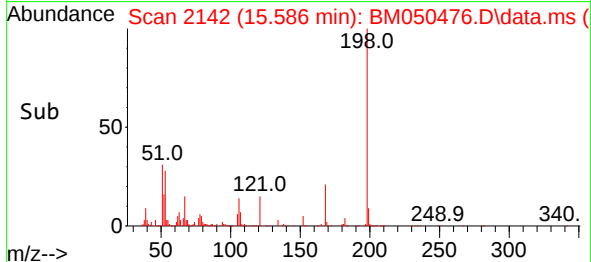
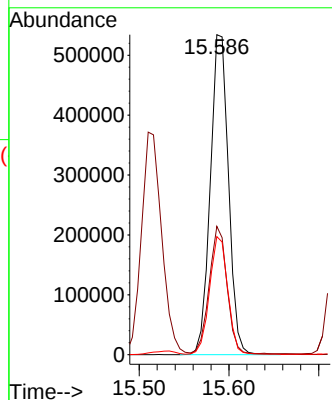
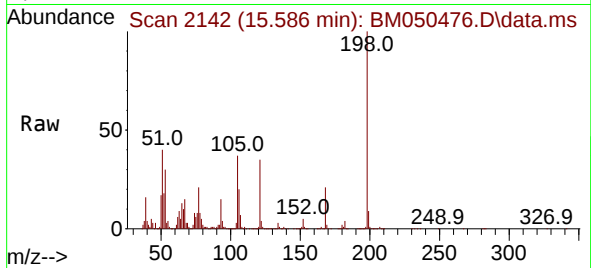




#65
4,6-Dinitro-2-methylphenol
Concen: 53.277 ng
RT: 15.586 min Scan# 2145
Delta R.T. 0.001 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

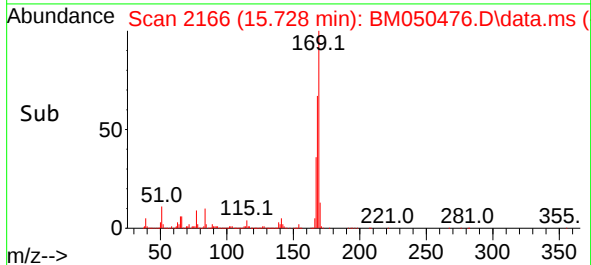
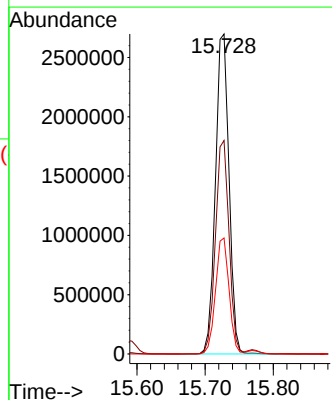
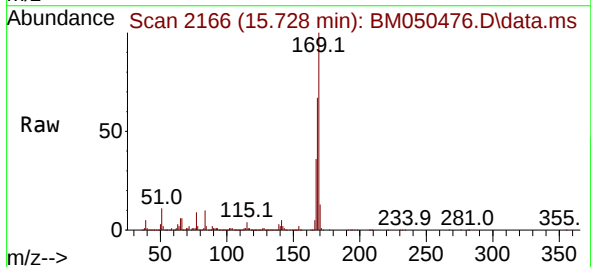
Instrument :
BNA_M
ClientSampleId :
PB168885BS

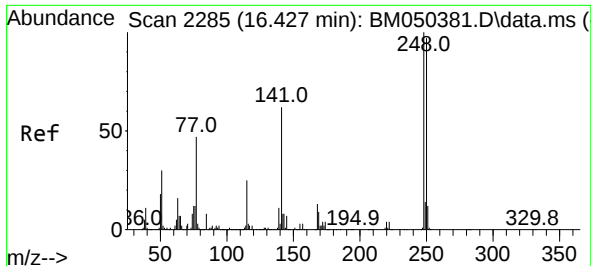
Tgt Ion:198 Resp: 751112
Ion Ratio Lower Upper
198 100
51 40.1 26.6 66.6
105 36.9 20.9 60.9



#66
n-Nitrosodiphenylamine
Concen: 46.260 ng
RT: 15.728 min Scan# 2166
Delta R.T. 0.006 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

Tgt Ion:169 Resp: 3739335
Ion Ratio Lower Upper
169 100
168 66.7 53.2 79.8
167 36.2 28.7 43.1

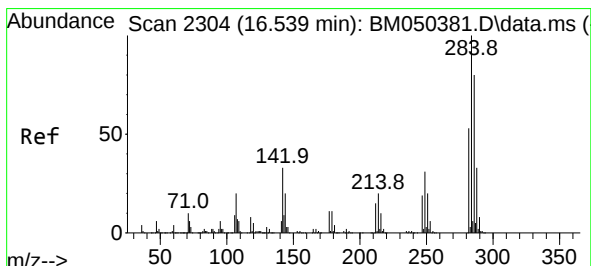
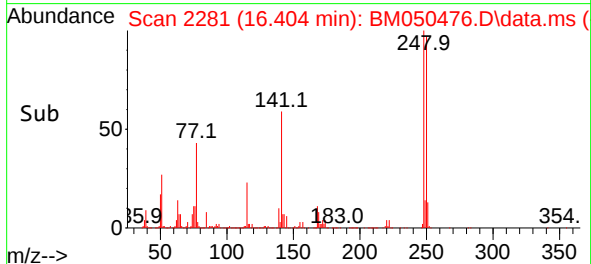
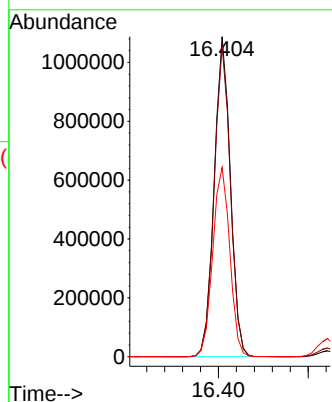
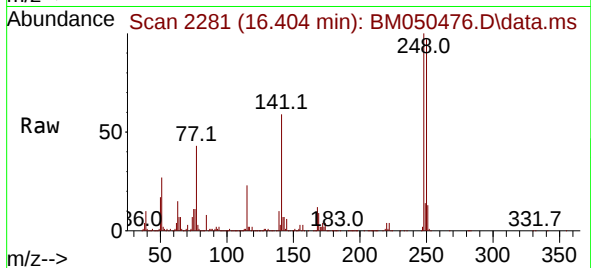




#67
4-Bromophenyl-phenylether
Concen: 47.884 ng
RT: 16.404 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

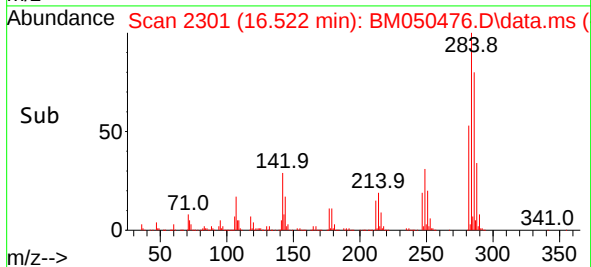
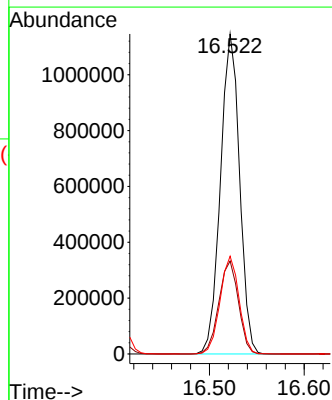
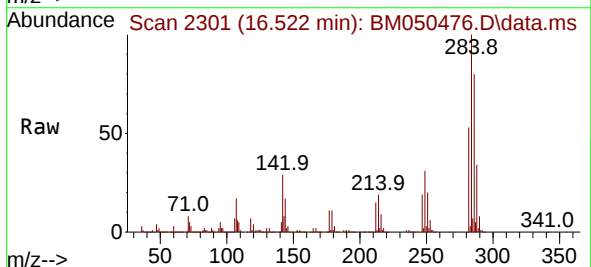
Instrument :
BNA_M
ClientSampleId :
PB168885BS

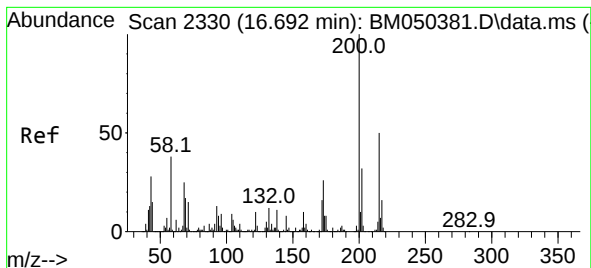
Tgt Ion:248 Resp: 1362817
Ion Ratio Lower Upper
248 100
250 97.1 77.9 116.9
141 59.1 49.7 74.5



#68
Hexachlorobenzene
Concen: 47.836 ng
RT: 16.522 min Scan# 2301
Delta R.T. 0.000 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

Tgt Ion:284 Resp: 1607982
Ion Ratio Lower Upper
284 100
142 29.1 26.8 40.2
249 30.6 24.5 36.7





#69

Atrazine

Concen: 50.656 ng

RT: 16.675 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM050476.D

Acq: 17 Jul 2025 15:57

Instrument :

BNA_M

ClientSampleId :

PB168885BS

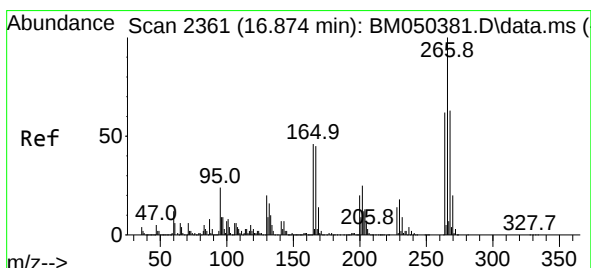
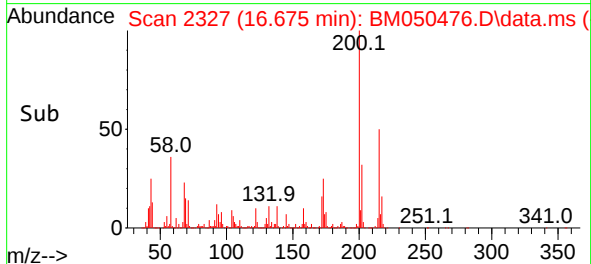
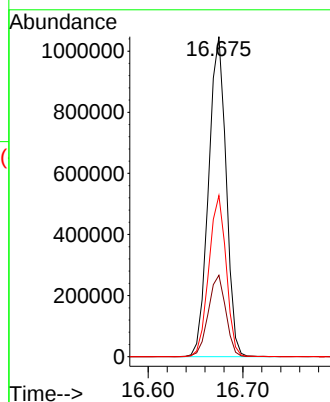
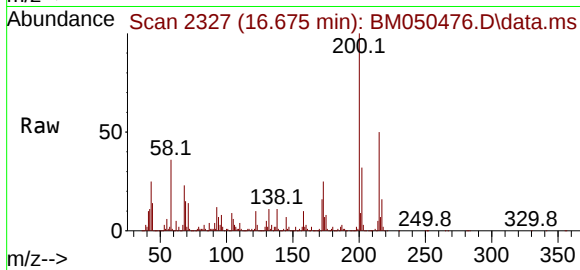
Tgt Ion:200 Resp: 1344545

Ion Ratio Lower Upper

200 100

173 25.5 5.6 45.6

215 50.4 29.6 69.6



#70

Pentachlorophenol

Concen: 110.974 ng

RT: 16.863 min Scan# 2359

Delta R.T. 0.006 min

Lab File: BM050476.D

Acq: 17 Jul 2025 15:57

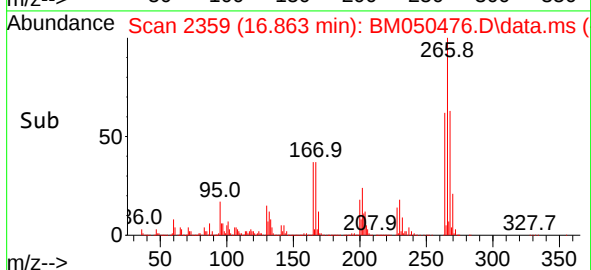
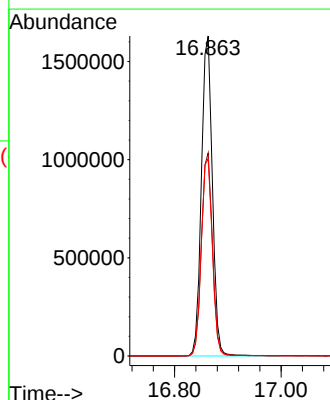
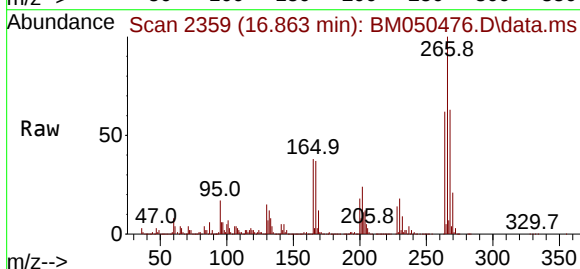
Tgt Ion:266 Resp: 2322182

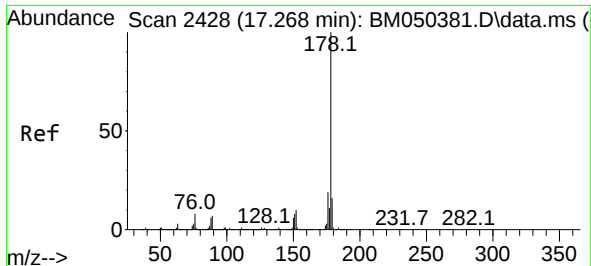
Ion Ratio Lower Upper

266 100

268 63.4 50.5 75.7

264 61.7 49.9 74.9

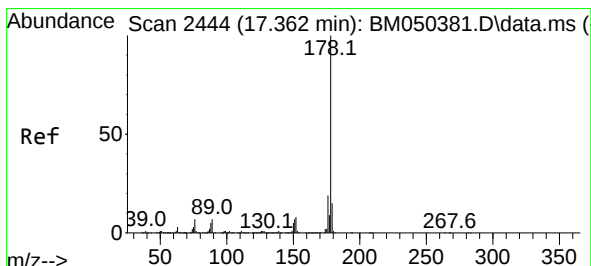
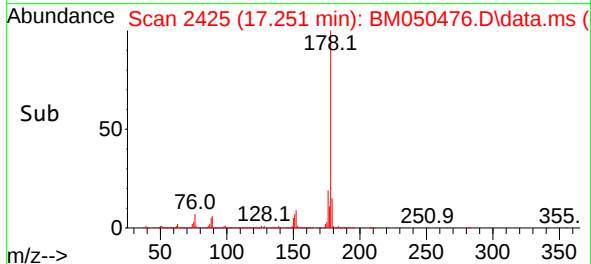
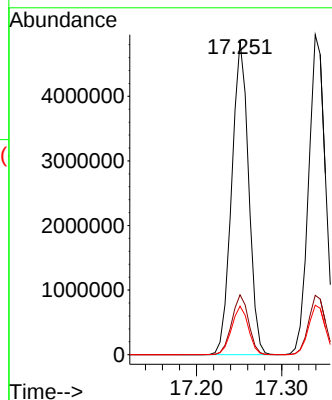
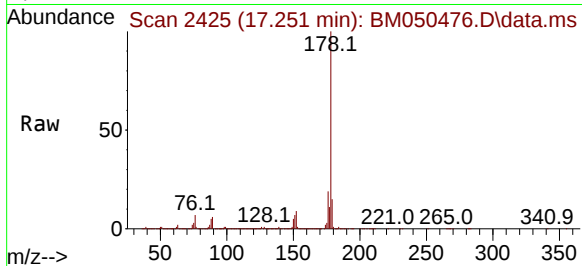




#71
Phenanthrene
Concen: 45.657 ng
RT: 17.251 min Scan# 2428
Delta R.T. 0.000 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

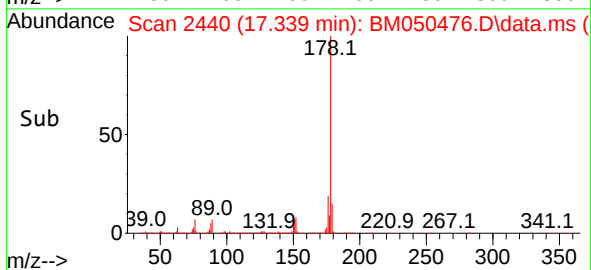
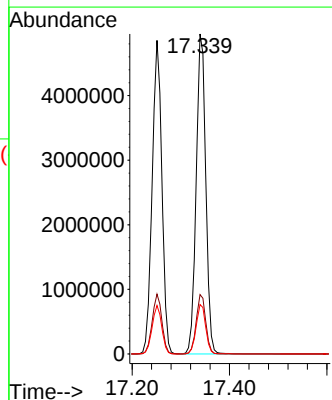
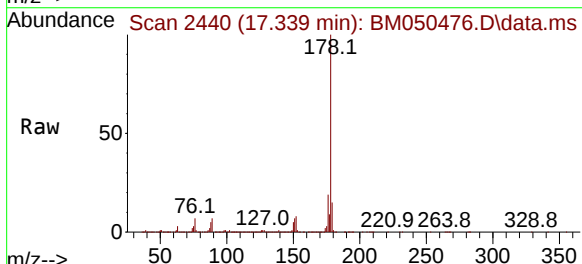
Instrument :
BNA_M
ClientSampleId :
PB168885BS

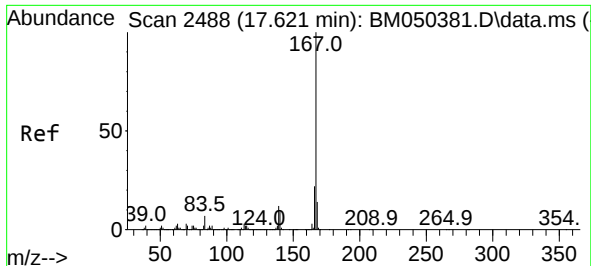
Tgt Ion:178 Resp: 6673853
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.4 12.5 18.7



#72
Anthracene
Concen: 46.687 ng
RT: 17.339 min Scan# 2440
Delta R.T. 0.001 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

Tgt Ion:178 Resp: 6792935
Ion Ratio Lower Upper
178 100
176 18.6 14.9 22.3
179 15.5 12.2 18.4

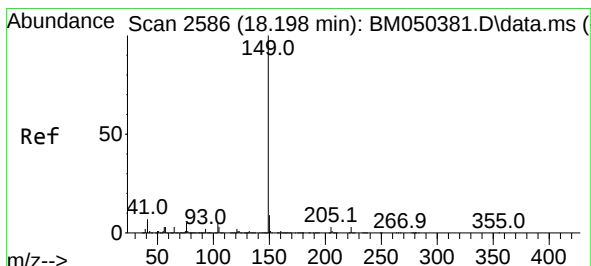
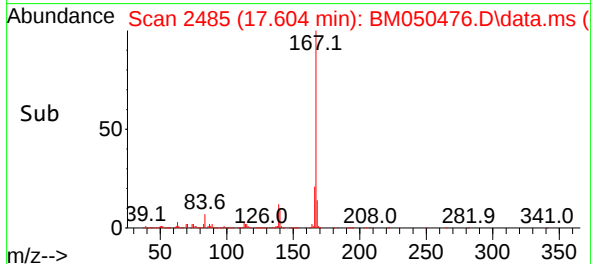
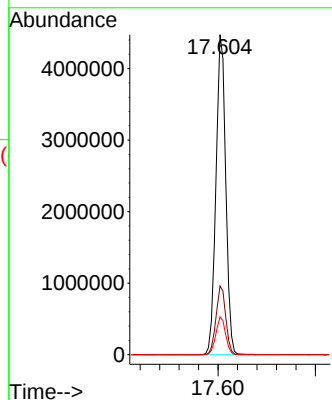
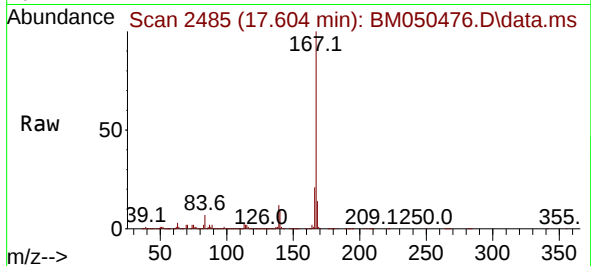




#73
 Carbazole
 Concen: 47.082 ng
 RT: 17.604 min Scan# 2485
 Delta R.T. 0.000 min
 Lab File: BM050476.D
 Acq: 17 Jul 2025 15:57

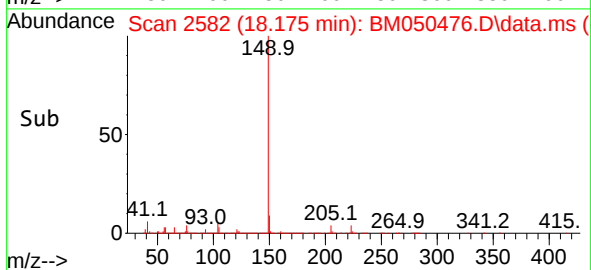
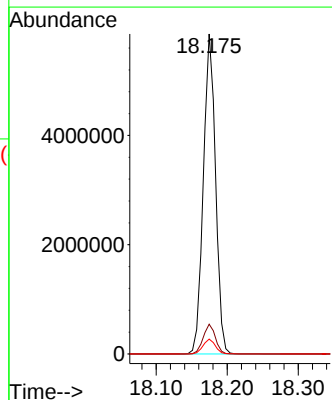
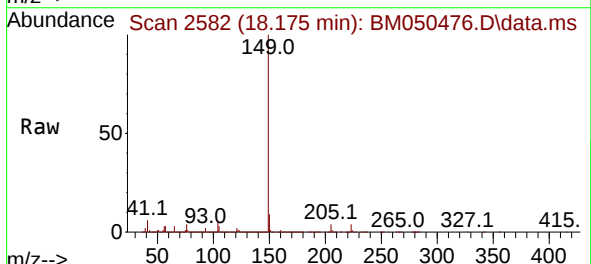
Instrument :
 BNA_M
 ClientSampleId :
 PB168885BS

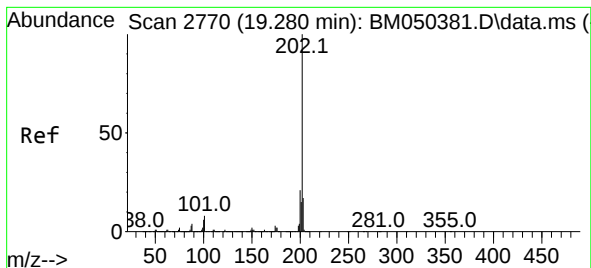
Tgt Ion:167 Resp: 6198421
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.2 25.8
 139 11.8 9.9 14.9



#74
 Di-n-butylphthalate
 Concen: 48.651 ng
 RT: 18.175 min Scan# 2582
 Delta R.T. 0.000 min
 Lab File: BM050476.D
 Acq: 17 Jul 2025 15:57

Tgt Ion:149 Resp: 7010527
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 4.6 3.9 5.9





#75

Fluoranthene

Concen: 49.281 ng

RT: 19.257 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM050476.D

Acq: 17 Jul 2025 15:57

Instrument :

BNA_M

ClientSampleId :

PB168885BS

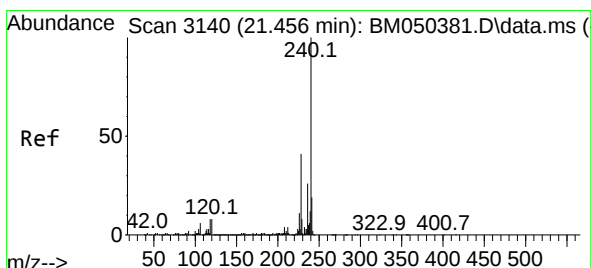
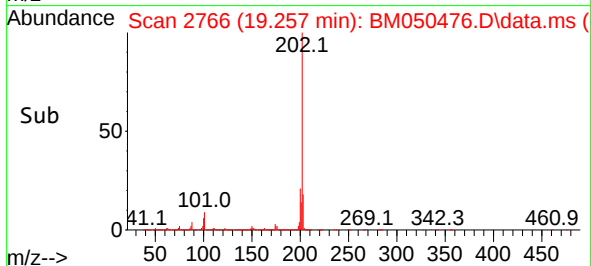
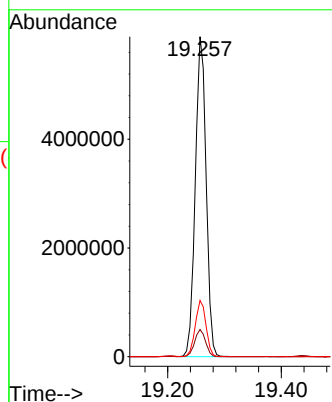
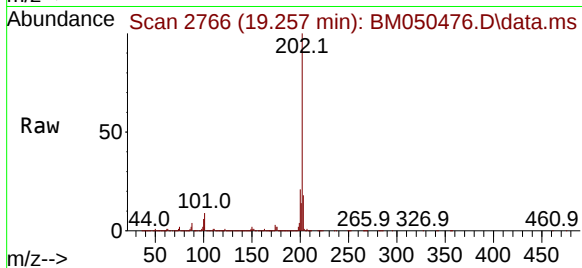
Tgt Ion:202 Resp: 7831040

Ion Ratio Lower Upper

202 100

101 8.5 0.0 28.3

203 17.5 0.0 37.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.433 min Scan# 3136

Delta R.T. 0.001 min

Lab File: BM050476.D

Acq: 17 Jul 2025 15:57

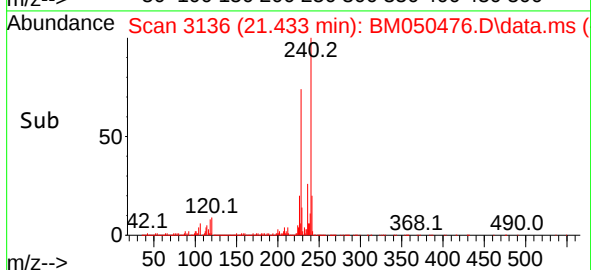
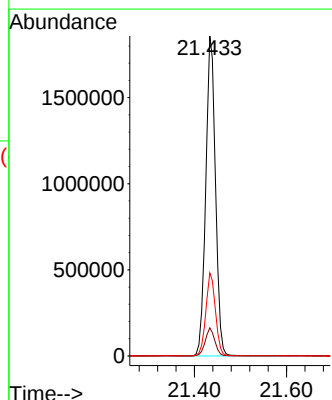
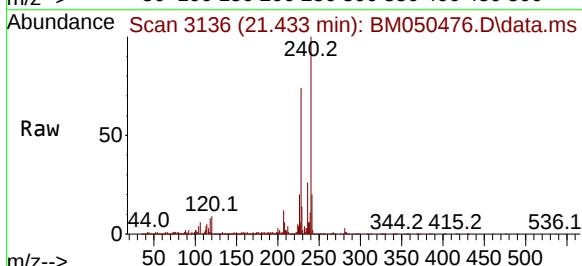
Tgt Ion:240 Resp: 2737581

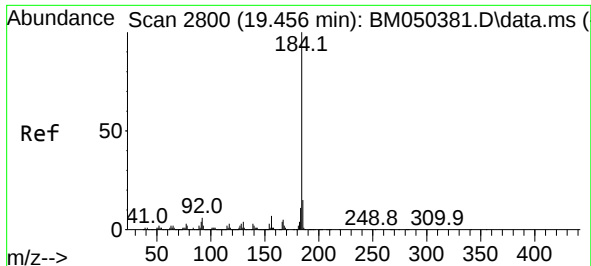
Ion Ratio Lower Upper

240 100

120 8.8 6.7 10.1

236 26.0 20.7 31.1

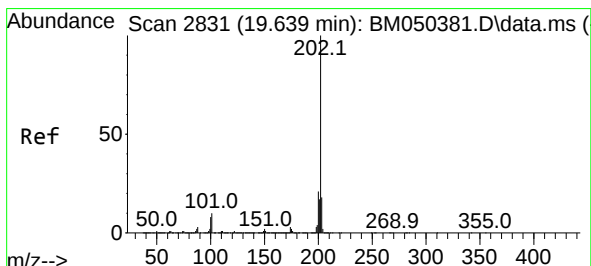
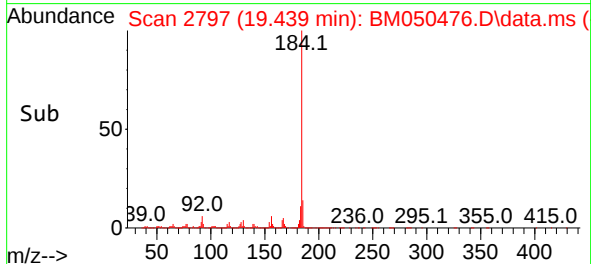
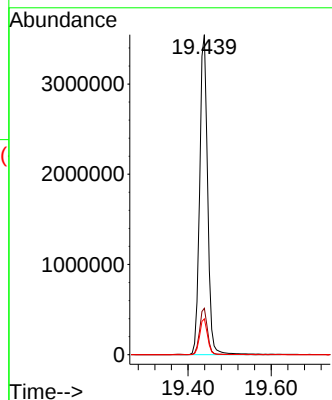
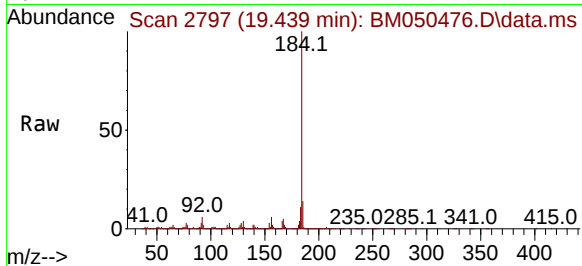




#77
Benzidine
Concen: 67.729 ng
RT: 19.439 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

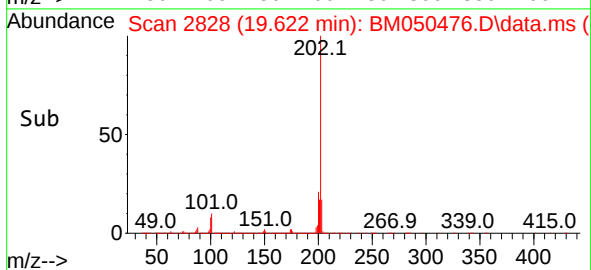
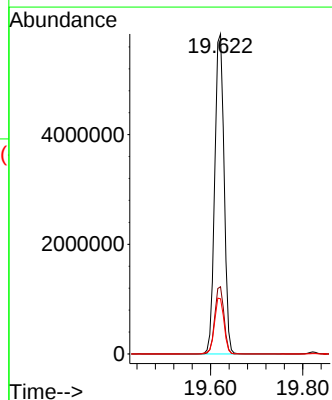
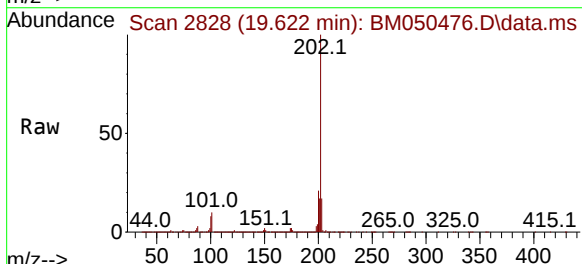
Instrument :
BNA_M
ClientSampleId :
PB168885BS

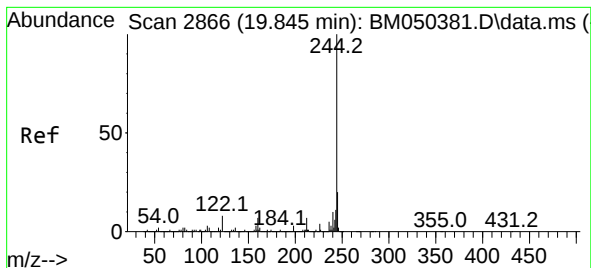
Tgt Ion:184 Resp: 4729264
Ion Ratio Lower Upper
184 100
185 14.5 11.7 17.5
183 11.2 9.0 13.6



#78
Pyrene
Concen: 46.715 ng
RT: 19.622 min Scan# 2828
Delta R.T. 0.006 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

Tgt Ion:202 Resp: 8190535
Ion Ratio Lower Upper
202 100
200 21.0 16.9 25.3
203 17.2 14.1 21.1





#79

Terphenyl-d14

Concen: 76.774 ng

RT: 19.821 min Scan# 2

Delta R.T. 0.000 min

Lab File: BM050476.D

Acq: 17 Jul 2025 15:57

Instrument :

BNA_M

ClientSampleId :

PB168885BS

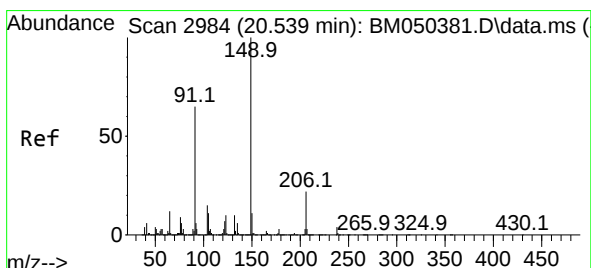
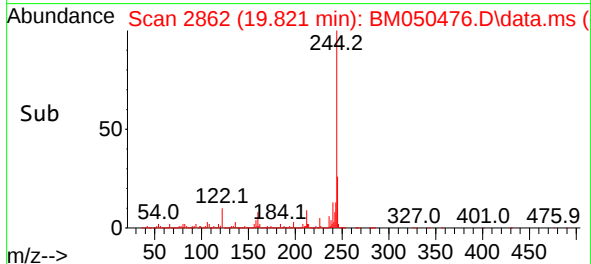
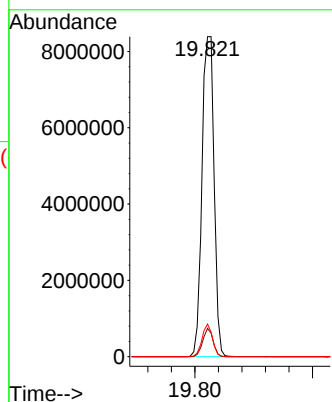
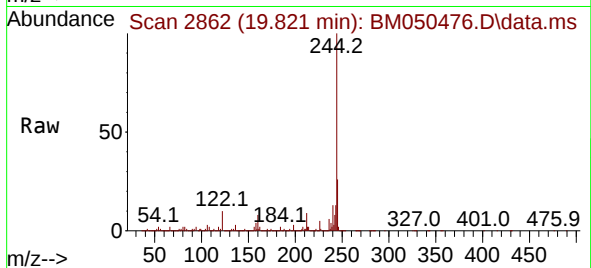
Tgt Ion:244 Resp:11945436

Ion Ratio Lower Upper

244 100

212 8.8 5.7 8.5#

122 10.2 6.2 9.2#



#80

Butylbenzylphthalate

Concen: 55.157 ng

RT: 20.516 min Scan# 2980

Delta R.T. 0.000 min

Lab File: BM050476.D

Acq: 17 Jul 2025 15:57

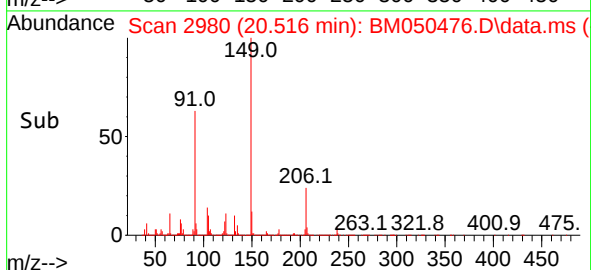
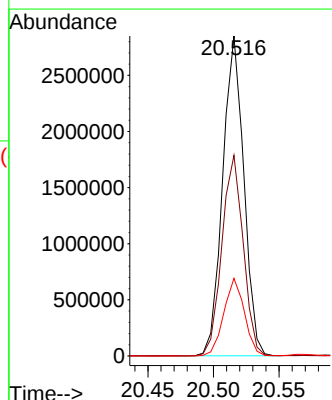
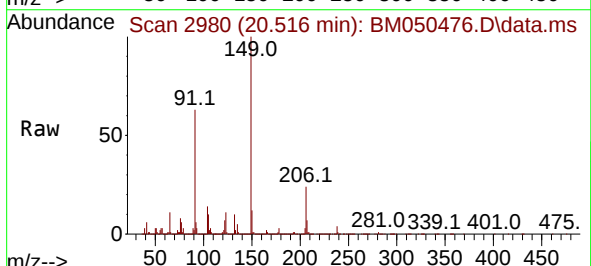
Tgt Ion:149 Resp: 3188686

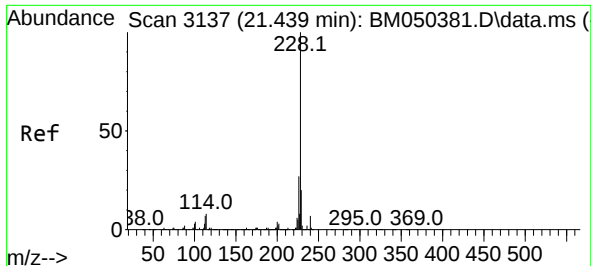
Ion Ratio Lower Upper

149 100

91 62.7 51.6 77.4

206 24.2 17.8 26.8

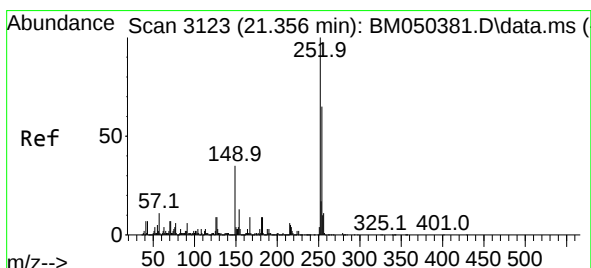
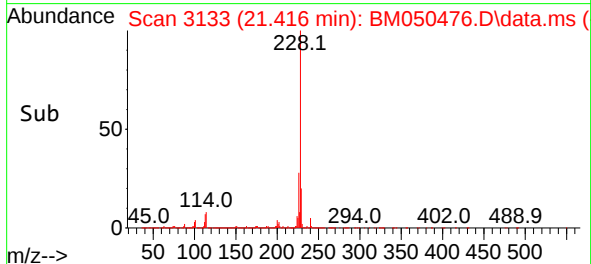
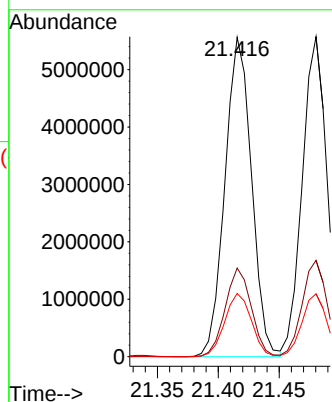
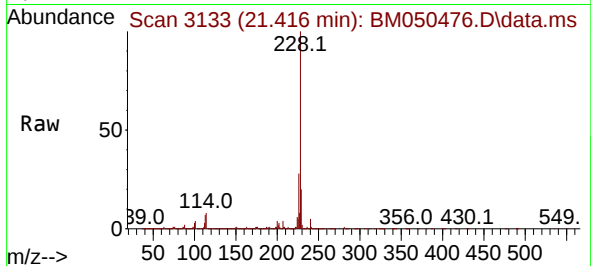




#81
Benzo(a)anthracene
Concen: 47.395 ng
RT: 21.416 min Scan# 3133
Delta R.T. 0.001 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

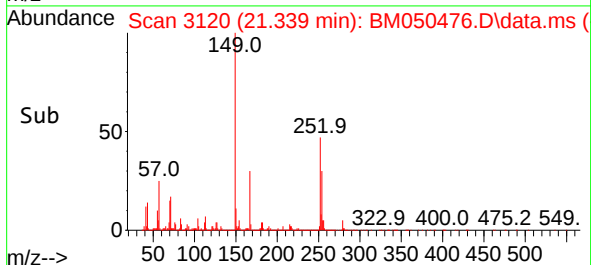
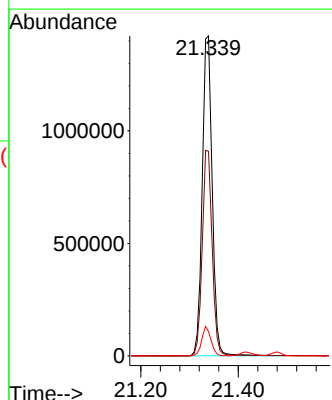
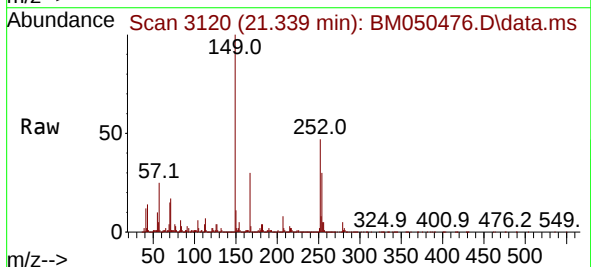
Instrument :
BNA_M
ClientSampleId :
PB168885BS

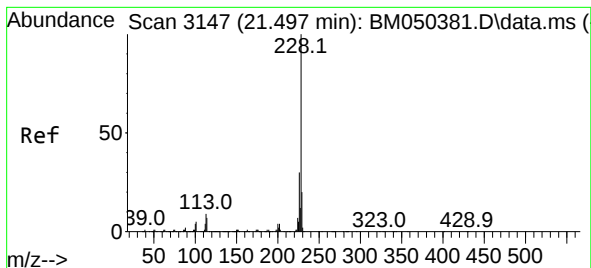
Tgt Ion:228 Resp: 8453985
Ion Ratio Lower Upper
228 100
226 27.7 21.8 32.8
229 19.8 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 33.631 ng
RT: 21.339 min Scan# 3120
Delta R.T. 0.006 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

Tgt Ion:252 Resp: 2023008
Ion Ratio Lower Upper
252 100
254 64.0 51.7 77.5
126 7.6 7.3 10.9





#83

Chrysene

Concen: 46.827 ng

RT: 21.480 min Scan# 3144

Delta R.T. 0.000 min

Lab File: BM050476.D

Acq: 17 Jul 2025 15:57

Instrument :

BNA_M

ClientSampleId :

PB168885BS

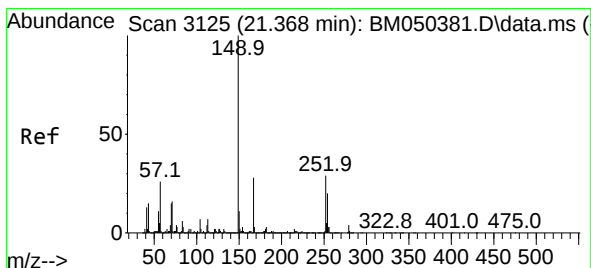
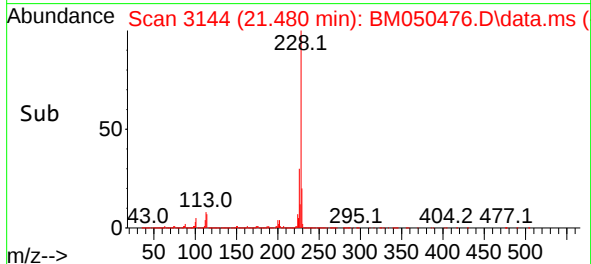
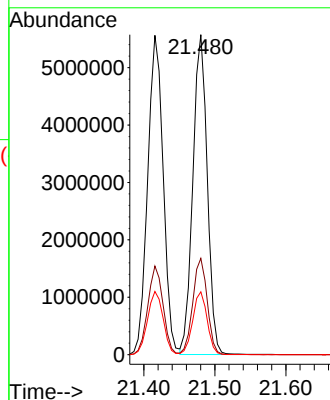
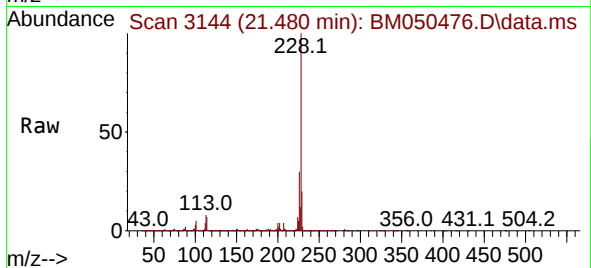
Tgt Ion:228 Resp: 7878393

Ion Ratio Lower Upper

228 100

226 30.1 24.2 36.4

229 19.7 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.429 ng

RT: 21.345 min Scan# 3121

Delta R.T. 0.006 min

Lab File: BM050476.D

Acq: 17 Jul 2025 15:57

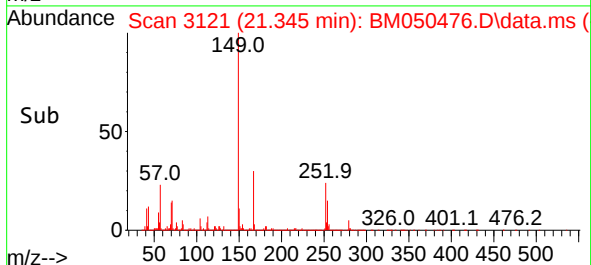
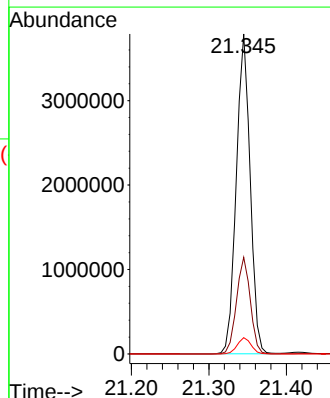
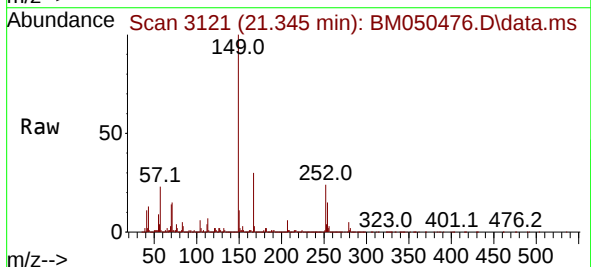
Tgt Ion:149 Resp: 4719847

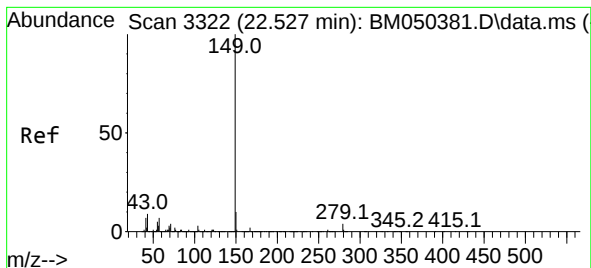
Ion Ratio Lower Upper

149 100

167 30.2 22.7 34.1

279 5.1 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 56.350 ng

RT: 22.486 min Scan# 31

Delta R.T. 0.001 min

Lab File: BM050476.D

Acq: 17 Jul 2025 15:57

Instrument :

BNA_M

ClientSampleId :

PB168885BS

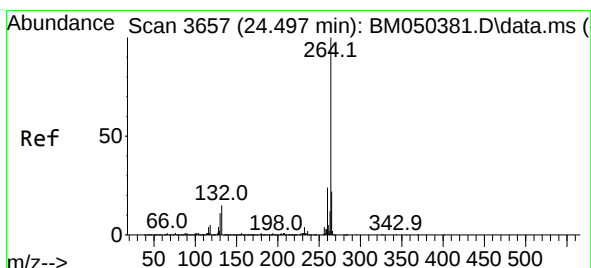
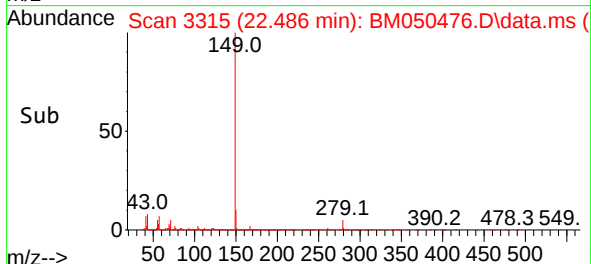
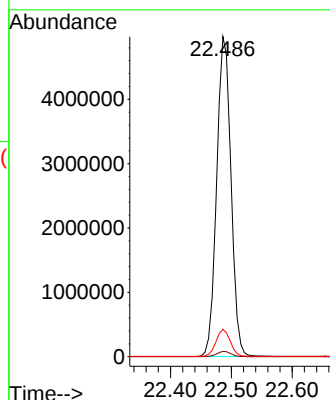
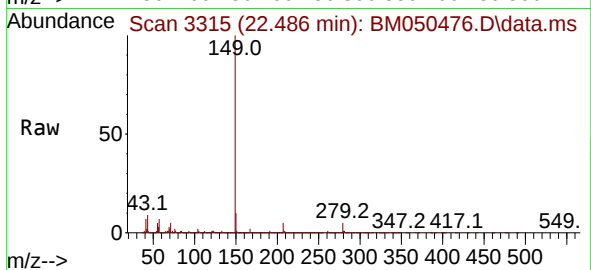
Tgt Ion:149 Resp: 8099632

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.5 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.462 min Scan# 3651

Delta R.T. 0.006 min

Lab File: BM050476.D

Acq: 17 Jul 2025 15:57

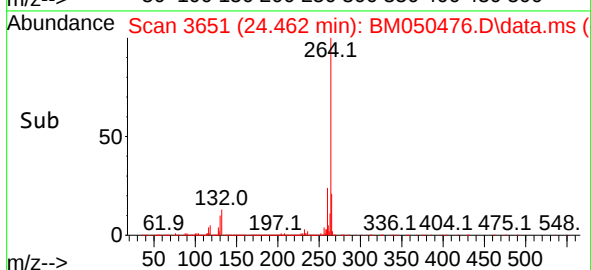
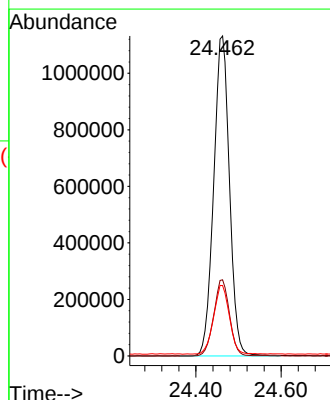
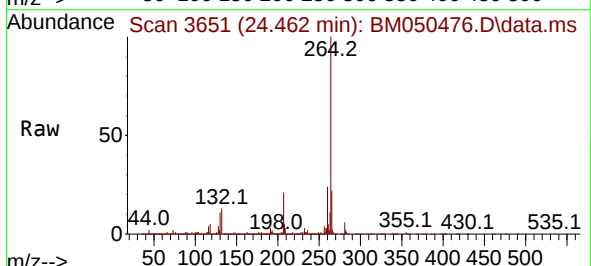
Tgt Ion:264 Resp: 2912638

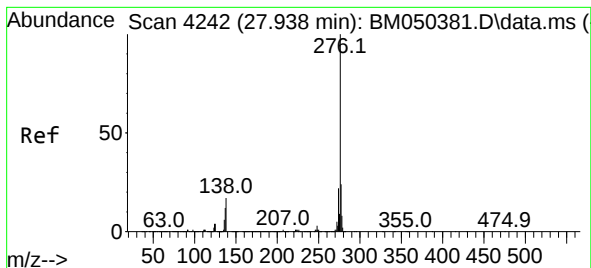
Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 22.0 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.702 ng

RT: 27.886 min Scan# 41

Delta R.T. 0.006 min

Lab File: BM050476.D

Acq: 17 Jul 2025 15:57

Instrument :

BNA_M

ClientSampleId :

PB168885BS

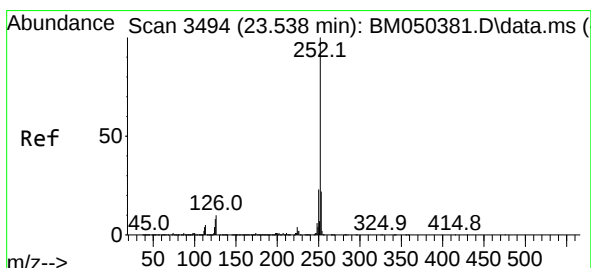
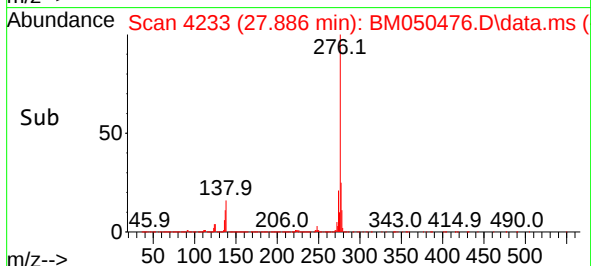
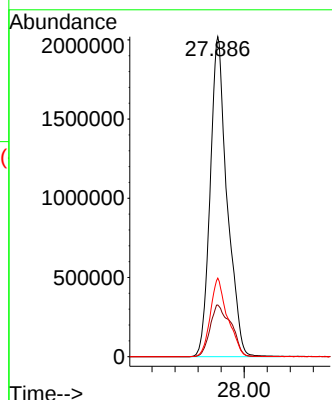
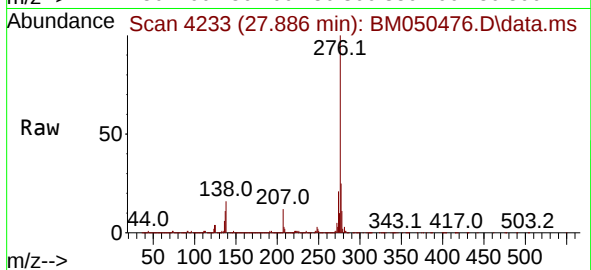
Tgt Ion:276 Resp:10292650

Ion Ratio Lower Upper

276 100

138 20.0 17.0 25.6

277 25.1 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 47.206 ng

RT: 23.504 min Scan# 3488

Delta R.T. 0.000 min

Lab File: BM050476.D

Acq: 17 Jul 2025 15:57

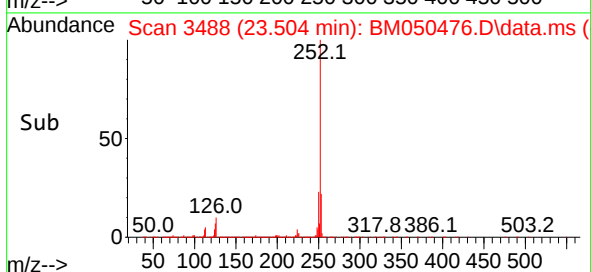
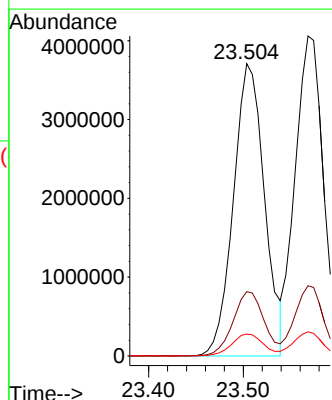
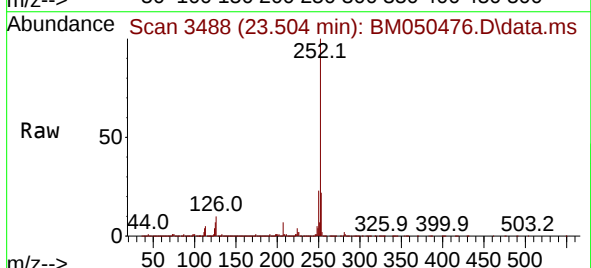
Tgt Ion:252 Resp: 8457217

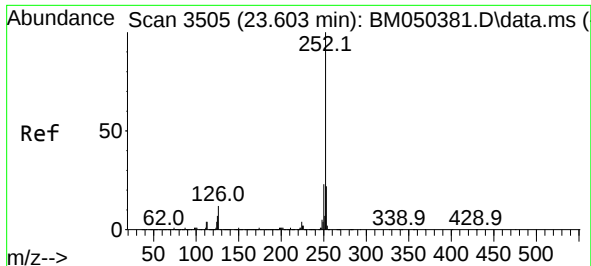
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 7.5 6.3 9.5

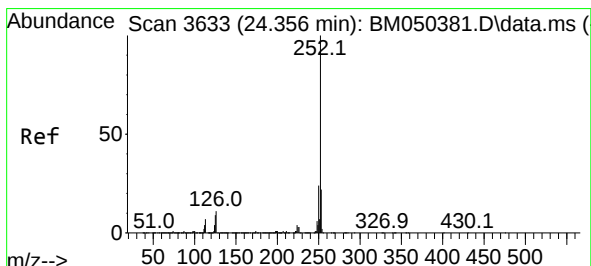
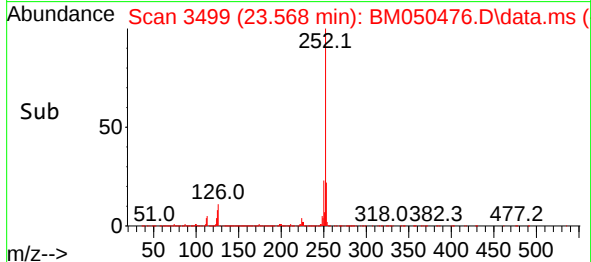
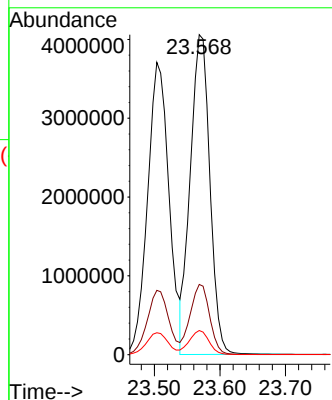
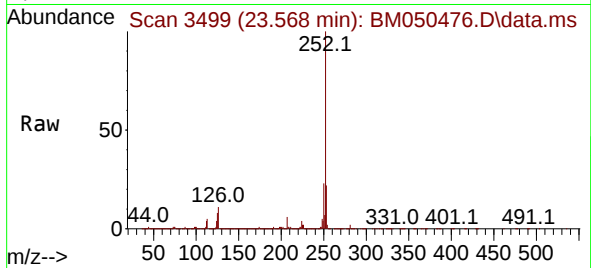




#89
Benzo(k)fluoranthene
Concen: 45.301 ng
RT: 23.568 min Scan# 34
Delta R.T. 0.001 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

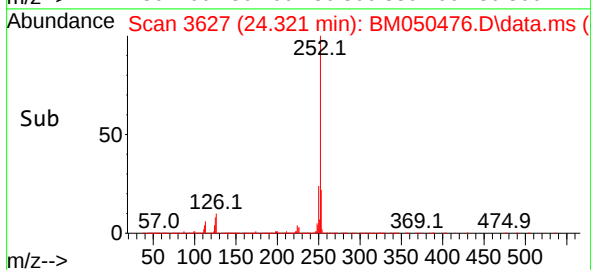
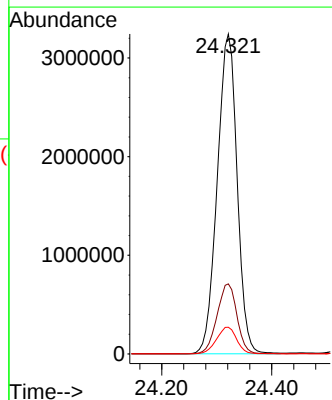
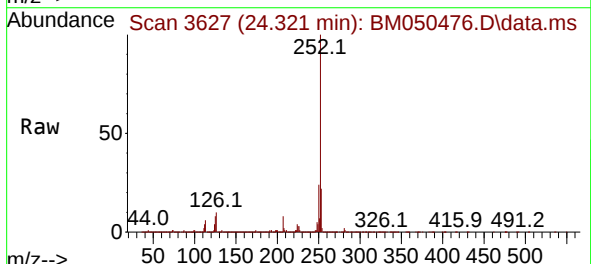
Instrument :
BNA_M
ClientSampleId :
PB168885BS

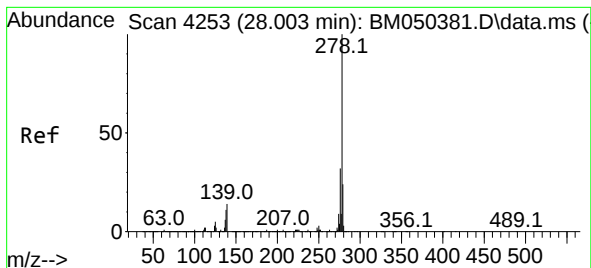
Tgt Ion:252 Resp: 8421352
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 7.5 6.2 9.2



#90
Benzo(a)pyrene
Concen: 48.457 ng
RT: 24.321 min Scan# 3627
Delta R.T. 0.006 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

Tgt Ion:252 Resp: 8126766
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 8.3 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 49.191 ng

RT: 27.944 min Scan# 41

Delta R.T. 0.001 min

Lab File: BM050476.D

Acq: 17 Jul 2025 15:57

Instrument :

BNA_M

ClientSampleId :

PB168885BS

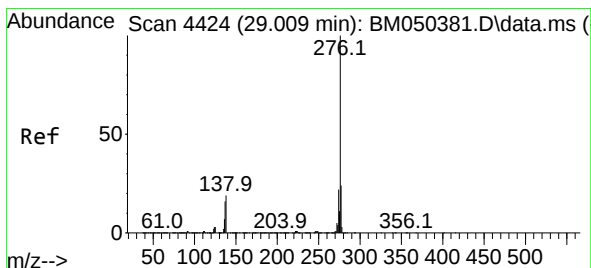
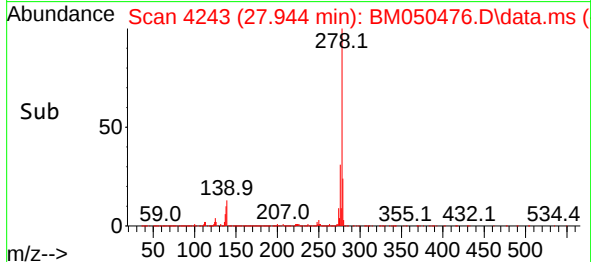
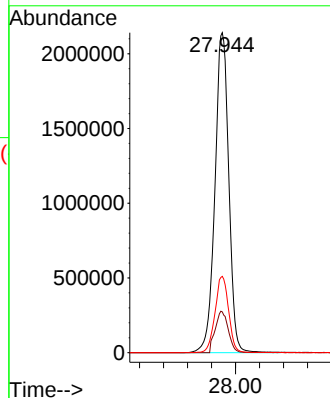
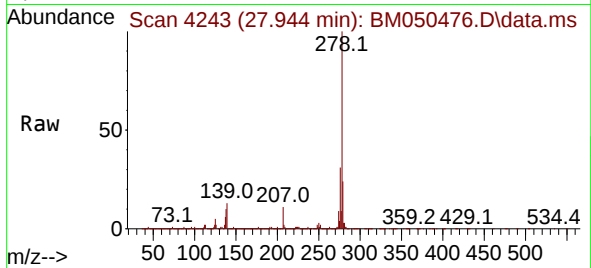
Tgt Ion:278 Resp: 8579014

Ion Ratio Lower Upper

278 100

139 12.7 10.8 16.2

279 23.9 19.4 29.0



#92

Benzo(g,h,i)perylene

Concen: 49.851 ng

RT: 28.950 min Scan# 4414

Delta R.T. 0.006 min

Lab File: BM050476.D

Acq: 17 Jul 2025 15:57

Tgt Ion:276 Resp: 8216926

Ion Ratio Lower Upper

276 100

277 23.7 19.1 28.7

138 16.9 14.9 22.3

