

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022825\
 Data File : BM049677.D
 Acq On : 28 Feb 2025 13:54
 Operator : RC/JU
 Sample : PB166930BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB166930BS

Quant Time: Feb 28 15:05:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 04:55:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	268346	20.000	ng	-0.02
21) Naphthalene-d8	10.598	136	927540	20.000	ng	-0.03
39) Acenaphthene-d10	14.445	164	561552	20.000	ng	-0.02
64) Phenanthrene-d10	17.186	188	1022862	20.000	ng	#-0.02
76) Chrysene-d12	21.421	240	981817	20.000	ng	-0.02
86) Perylene-d12	24.438	264	960078	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	2448318	146.718	ng	0.00
7) Phenol-d6	6.981	99	2990360	136.781	ng	0.00
23) Nitrobenzene-d5	8.963	82	1730035	95.940	ng	-0.02
42) 2,4,6-Tribromophenol	15.933	330	1126929	169.363	ng	-0.02
45) 2-Fluorobiphenyl	13.068	172	4386331	101.189	ng	-0.02
79) Terphenyl-d14	19.809	244	6795820	105.697	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.281	88	279057	39.773	ng	96
3) Pyridine	3.681	79	698628	35.832	ng	95
4) n-Nitrosodimethylamine	3.587	42	343286	37.632	ng	91
6) Aniline	7.128	93	677108	32.678	ng	97
8) 2-Chlorophenol	7.375	128	697927	41.886	ng	96
9) Benzaldehyde	6.939	77	283225	24.467	ng	99
10) Phenol	7.004	94	908973	42.212	ng	99
11) bis(2-Chloroethyl)ether	7.228	93	711922	40.866	ng	98
12) 1,3-Dichlorobenzene	7.692	146	845217	43.701	ng	96
13) 1,4-Dichlorobenzene	7.839	146	853434	43.625	ng	99
14) 1,2-Dichlorobenzene	8.157	146	814856	43.138	ng	98
15) Benzyl Alcohol	8.045	79	585153	38.472	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.328	45	880483	37.545	ng	97
17) 2-Methylphenol	8.251	107	557459	42.339	ng	95
18) Hexachloroethane	8.886	117	305866	42.804	ng	97
19) n-Nitroso-di-n-propyla...	8.610	70	545049	38.072	ng	94
20) 3+4-Methylphenols	8.581	107	733357	42.192	ng	99
22) Acetophenone	8.622	105	1179242	47.203	ng	99
24) Nitrobenzene	9.004	77	759431	43.347	ng	98
25) Isophorone	9.533	82	1320163	40.594	ng	98
26) 2-Nitrophenol	9.710	139	308873	50.651	ng	97
27) 2,4-Dimethylphenol	9.780	122	540256	52.540	ng	98
28) bis(2-Chloroethoxy)met...	10.010	93	870086	41.540	ng	99
29) 2,4-Dichlorophenol	10.251	162	670731	47.364	ng	96
30) 1,2,4-Trichlorobenzene	10.463	180	799955	46.108	ng	98
31) Naphthalene	10.651	128	2041535	41.733	ng	99
32) Benzoic acid	9.916	122	341474	51.887	ng	99
33) 4-Chloroaniline	10.757	127	337588	18.437	ng	97
34) Hexachlorobutadiene	10.945	225	502565	48.372	ng	99
35) Caprolactam	11.539	113	176308	40.810	ng	96
36) 4-Chloro-3-methylphenol	11.892	107	582020	41.213	ng	93
37) 2-Methylnaphthalene	12.263	142	1406787	40.845	ng	99
38) 1-Methylnaphthalene	12.486	142	1366699	40.784	ng	100
40) 1,2,4,5-Tetrachloroben...	12.633	216	1056864	57.242	ng	99
41) Hexachlorocyclopentadiene	12.621	237	1311792	278.316	ng	99
43) 2,4,6-Trichlorophenol	12.874	196	527850	52.392	ng	99

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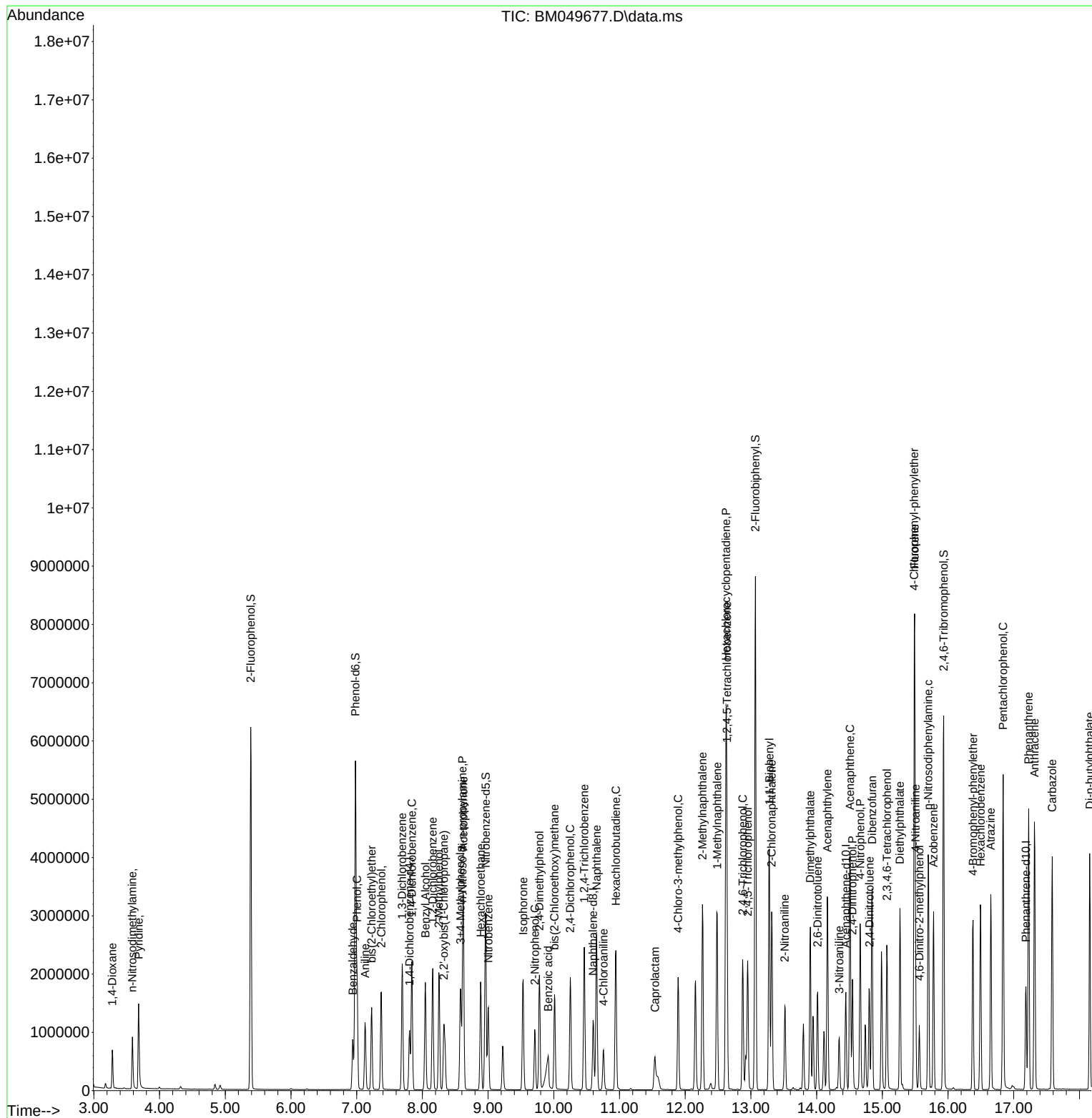
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.951	196	576701	52.087	ng	97
46) 1,1'-Biphenyl	13.280	154	2128869	49.695	ng	99
47) 2-Chloronaphthalene	13.316	162	1499535	45.243	ng	99
48) 2-Nitroaniline	13.516	65	360851	41.870	ng	97
49) Acenaphthylene	14.163	152	2225861	45.544	ng	99
50) Dimethylphthalate	13.904	163	1727329	42.833	ng	100
51) 2,6-Dinitrotoluene	14.015	165	351235	50.333	ng	88
52) Acenaphthene	14.510	154	1385779	42.718	ng	99
53) 3-Nitroaniline	14.345	138	208993	29.416	ng	# 94
54) 2,4-Dinitrophenol	14.545	184	380183	114.903	ng	# 72
55) Dibenzofuran	14.845	168	2203702	42.663	ng	98
56) 4-Nitrophenol	14.663	139	658748	109.991	ng	92
57) 2,4-Dinitrotoluene	14.804	165	493647	50.038	ng	# 86
58) Fluorene	15.492	166	1929626	43.668	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.068	232	479343	51.244	ng	95
60) Diethylphthalate	15.268	149	1645936	40.611	ng	99
61) 4-Chlorophenyl-phenyle...	15.486	204	1037480	44.112	ng	99
62) 4-Nitroaniline	15.504	138	371008	41.024	ng	99
63) Azobenzene	15.780	77	1569658	37.105	ng	96
65) 4,6-Dinitro-2-methylph...	15.562	198	226892	65.071	ng	91
66) n-Nitrosodiphenylamine	15.698	169	1515622	46.984	ng	99
67) 4-Bromophenyl-phenylether	16.380	248	543936	45.774	ng	96
68) Hexachlorobenzene	16.498	284	617987	45.311	ng	97
69) Atrazine	16.651	200	562280	58.638	ng	98
70) Pentachlorophenol	16.839	266	860362	92.165	ng	100
71) Phenanthrene	17.227	178	2703682	46.398	ng	100
72) Anthracene	17.315	178	2716928	47.088	ng	100
73) Carbazole	17.586	167	2402805	47.447	ng	100
74) Di-n-butylphthalate	18.156	149	2666856	41.502	ng	100
75) Fluoranthene	19.239	202	3046620	44.657	ng	99
77) Benzidine	19.421	184	1103629	126.934	ng	99
78) Pyrene	19.603	202	3208636	43.646	ng	99
80) Butylbenzylphthalate	20.503	149	1024422	44.782	ng	97
81) Benzo(a)anthracene	21.403	228	3104554	46.657	ng	100
82) 3,3'-Dichlorobenzidine	21.327	252	723140	40.387	ng	99
83) Chrysene	21.468	228	2900683	46.529	ng	99
84) Bis(2-ethylhexyl)phtha...	21.339	149	1652584	42.141	ng	99
85) Di-n-octyl phthalate	22.480	149	2473204	39.976	ng	95
87) Indeno(1,2,3-cd)pyrene	27.844	276	3649843	69.611	ng	# 96
88) Benzo(b)fluoranthene	23.485	252	2836916	42.953	ng	99
89) Benzo(k)fluoranthene	23.550	252	2999427	46.757	ng	99
90) Benzo(a)pyrene	24.297	252	2742778	52.402	ng	99
91) Dibenzo(a,h)anthracene	27.897	278	3017882	72.827	ng	98
92) Benzo(g,h,i)perylene	28.903	276	2757025	59.559	ng	98

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

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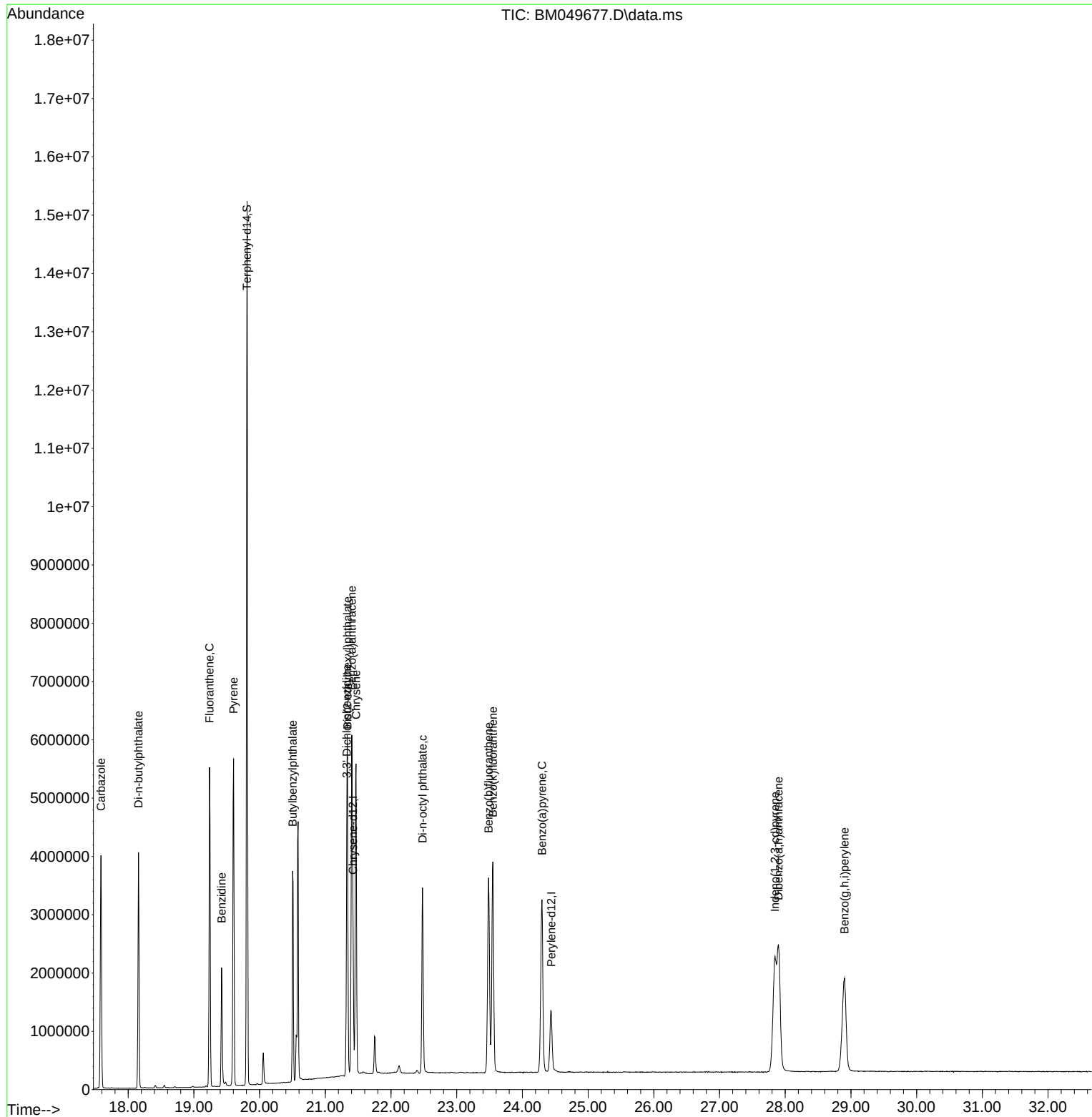
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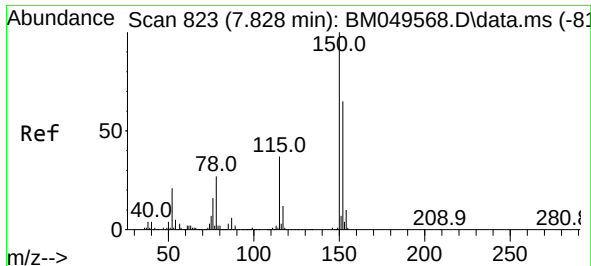


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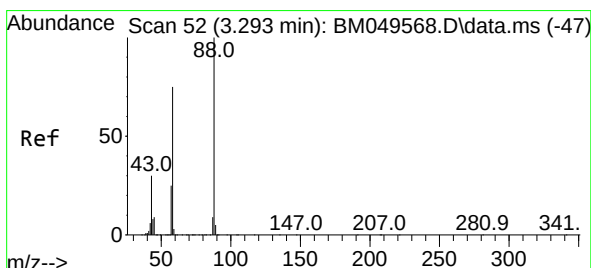
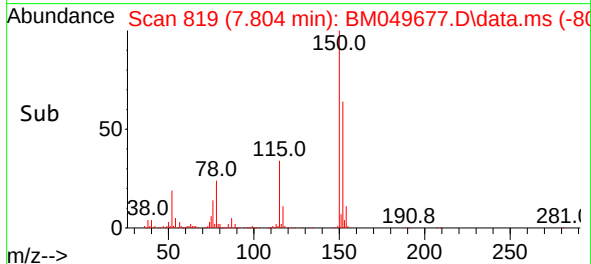
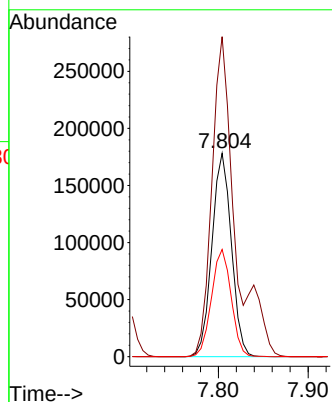
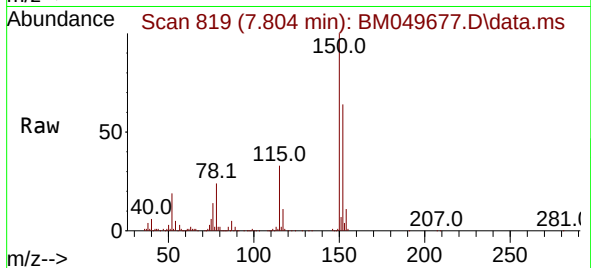




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.804 min Scan# 81
 Delta R.T. -0.024 min
 Lab File: BM049677.D
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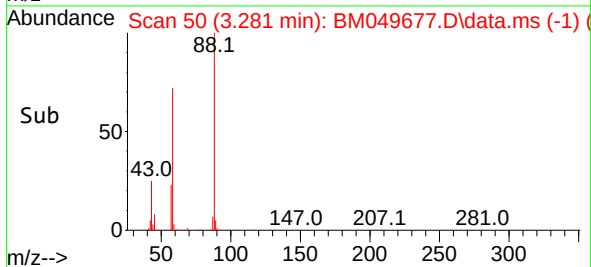
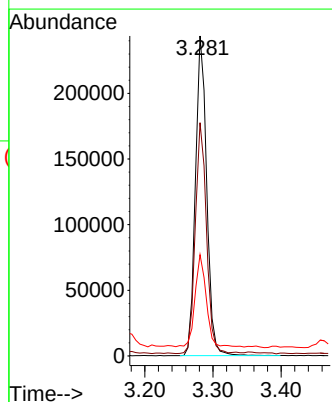
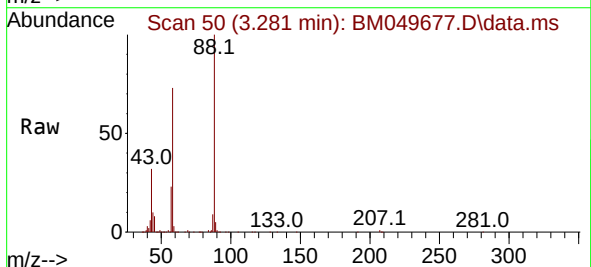
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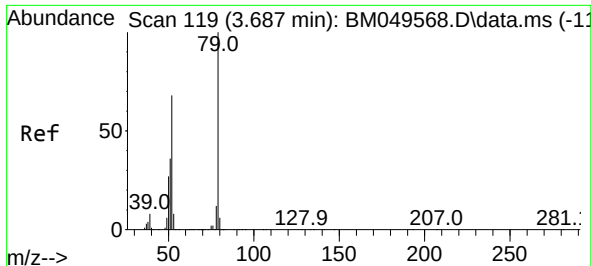
Tgt Ion:152 Resp: 268346
 Ion Ratio Lower Upper
 152 100
 150 157.3 122.6 184.0
 115 52.7 45.4 68.0



#2
 1,4-Dioxane
 Concen: 39.773 ng
 RT: 3.281 min Scan# 50
 Delta R.T. -0.012 min
 Lab File: BM049677.D
 Acq: 28 Feb 2025 13:54

Tgt Ion: 88 Resp: 279057
 Ion Ratio Lower Upper
 88 100
 58 71.7 60.0 90.0
 43 28.8 24.4 36.6



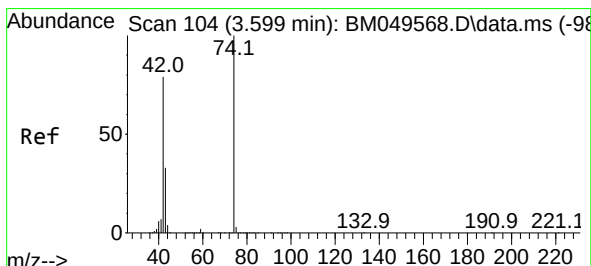
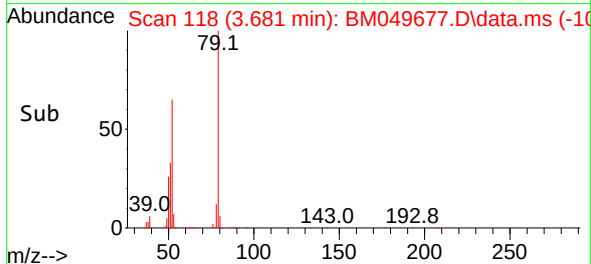
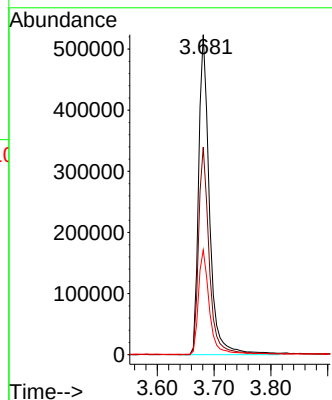
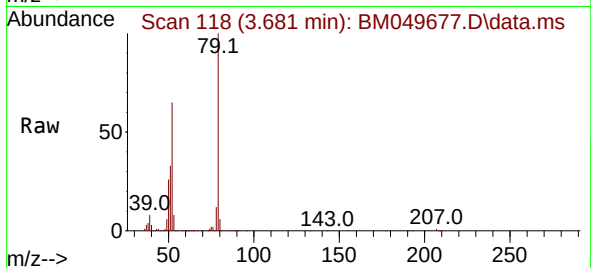


#3
 Pyridine
 Concen: 35.832 ng
 RT: 3.681 min Scan# 119
 Delta R.T. -0.006 min
 Lab File: BM049677.D
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Tgt Ion: 79 Resp: 698628

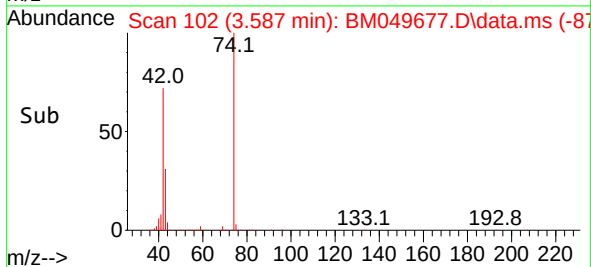
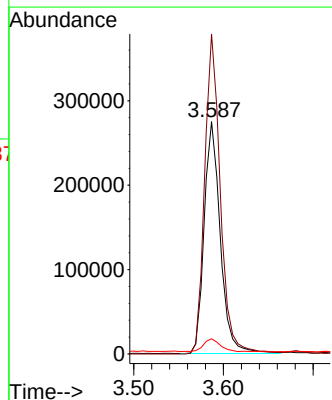
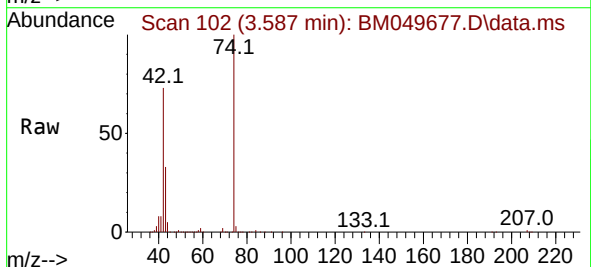
Ion	Ratio	Lower	Upper
79	100		
52	64.9	54.5	81.7
51	32.7	29.0	43.6

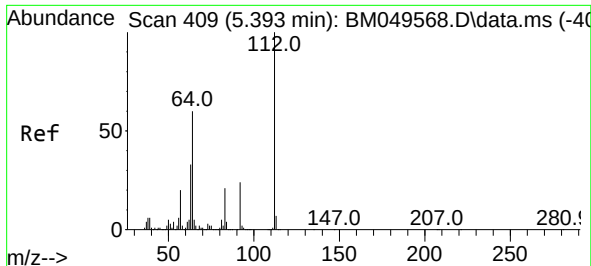


#4
 n-Nitrosodimethylamine
 Concen: 37.632 ng
 RT: 3.587 min Scan# 102
 Delta R.T. -0.012 min
 Lab File: BM049677.D
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Tgt Ion: 42 Resp: 343286

Ion	Ratio	Lower	Upper
42	100		
74	137.7	101.3	151.9
44	6.6	6.5	9.7

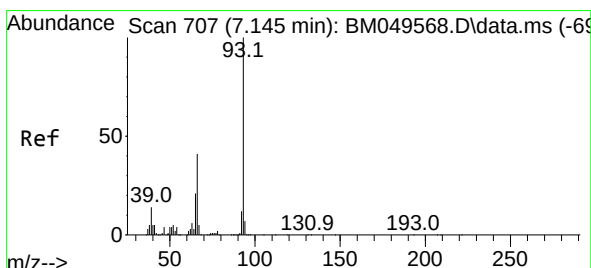
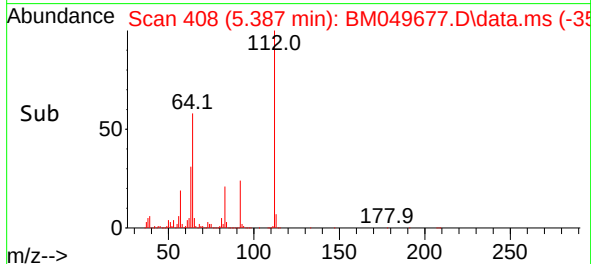
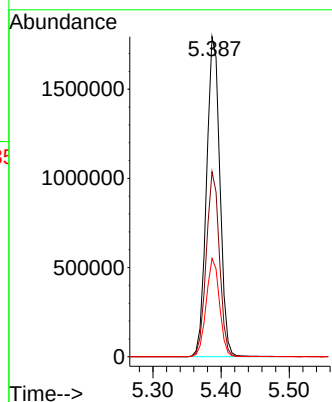
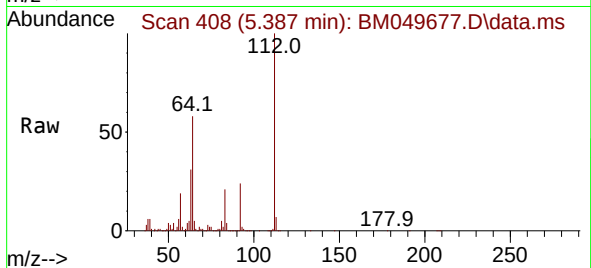




#5
2-Fluorophenol
Concen: 146.718 ng
RT: 5.387 min Scan# 409
Delta R.T. -0.006 min
Lab File: BM049677.D
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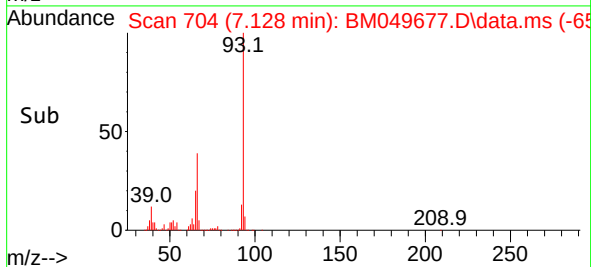
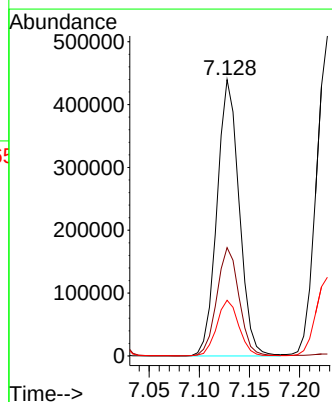
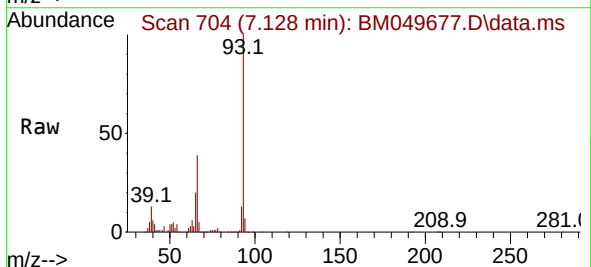
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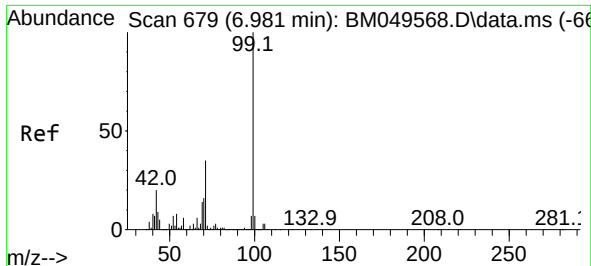
Tgt Ion:112 Resp: 2448318
Ion Ratio Lower Upper
112 100
64 57.8 47.8 71.8
63 30.7 26.2 39.4



#6
Aniline
Concen: 32.678 ng
RT: 7.128 min Scan# 704
Delta R.T. -0.018 min
Lab File: BM049677.D
Acq: 28 Feb 2025 13:54

Tgt Ion: 93 Resp: 677108
Ion Ratio Lower Upper
93 100
66 39.2 33.3 49.9
65 20.1 16.8 25.2

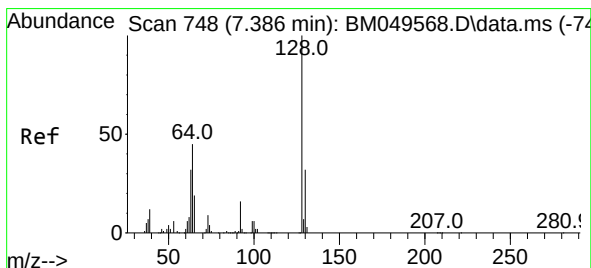
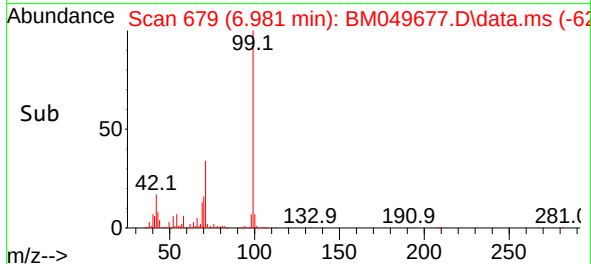
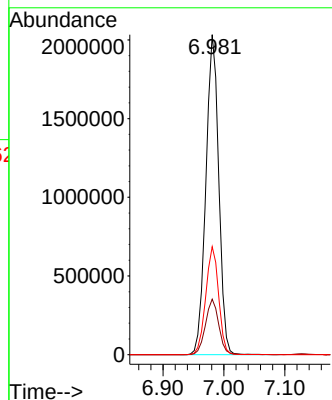
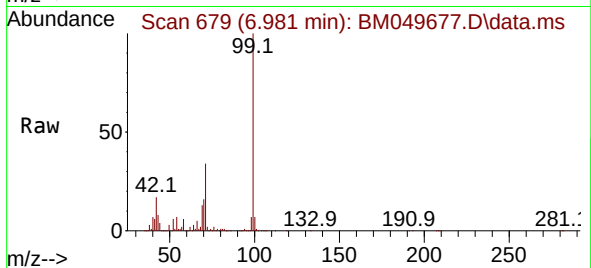




#7
Phenol-d6
Concen: 136.781 ng
RT: 6.981 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM049677.D
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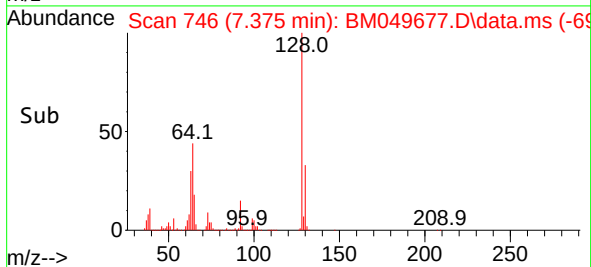
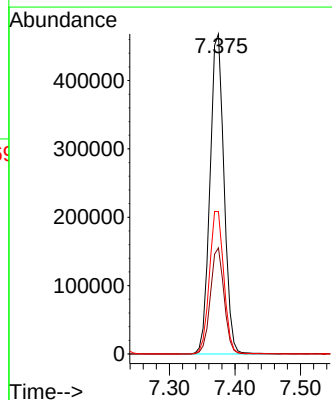
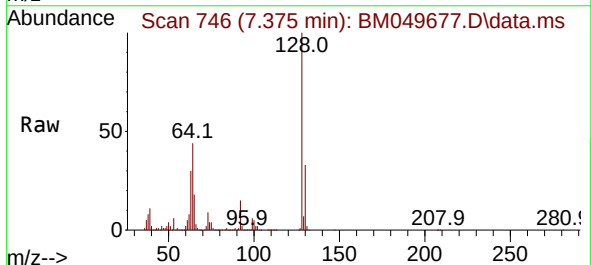
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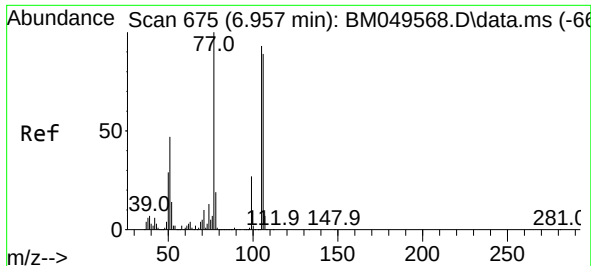
Tgt Ion: 99 Resp: 2990360
Ion Ratio Lower Upper
99 100
42 17.4 16.0 24.0
71 33.8 27.8 41.6



#8
2-Chlorophenol
Concen: 41.886 ng
RT: 7.375 min Scan# 746
Delta R.T. -0.012 min
Lab File: BM049677.D
Acq: 28 Feb 2025 13:54

Tgt Ion: 128 Resp: 697927
Ion Ratio Lower Upper
128 100
130 33.1 12.4 52.4
64 44.5 28.7 68.7

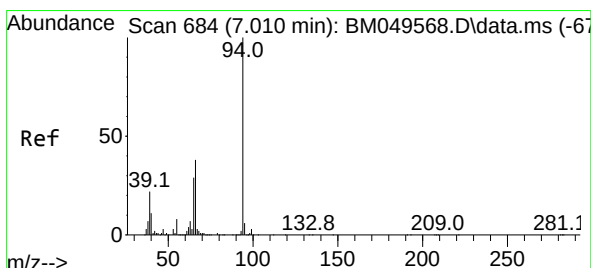
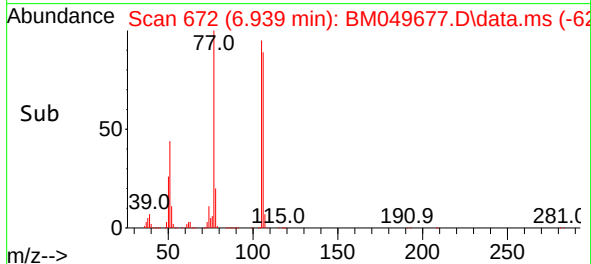
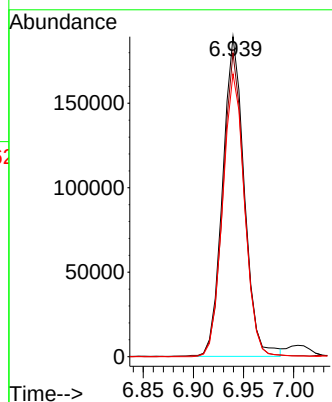
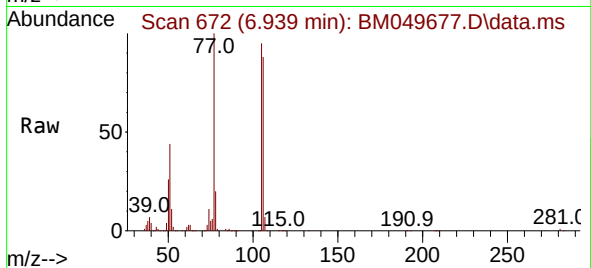




#9
Benzaldehyde
Concen: 24.467 ng
RT: 6.939 min Scan# 61
Delta R.T. -0.018 min
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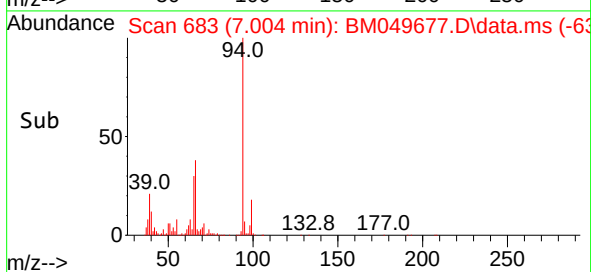
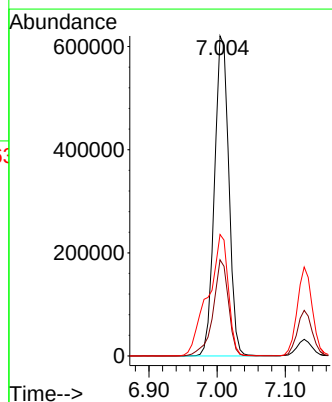
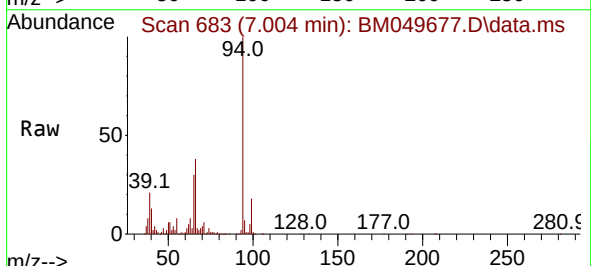
Instrument :
BNA_M
ClientSampleId :
PB166930BS

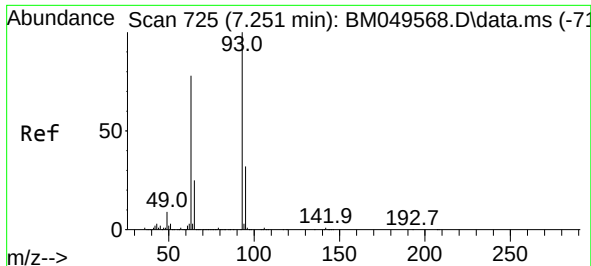
Tgt Ion: 77 Resp: 283225
Ion Ratio Lower Upper
77 100
105 95.0 72.7 112.7
106 88.4 68.9 108.9



#10
Phenol
Concen: 42.212 ng
RT: 7.004 min Scan# 683
Delta R.T. -0.006 min
Lab File: BM049677.D
Acq: 28 Feb 2025 13:54

Tgt Ion: 94 Resp: 908973
Ion Ratio Lower Upper
94 100
65 30.0 9.3 49.3
66 38.0 17.7 57.7

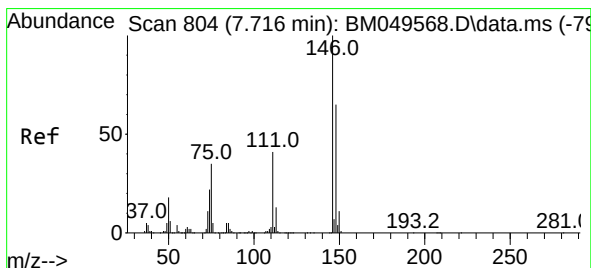
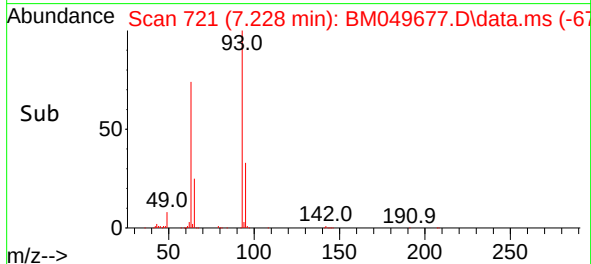
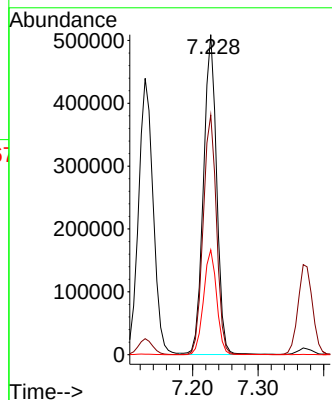
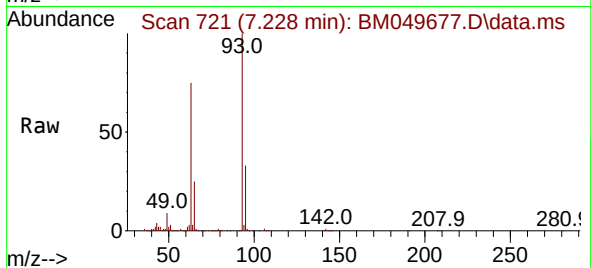




#11
bis(2-Chloroethyl)ether
Concen: 40.866 ng
RT: 7.228 min Scan# 71
Delta R.T. -0.024 min
Lab File: BM049677.D
Acq: 28 Feb 2025 13:54

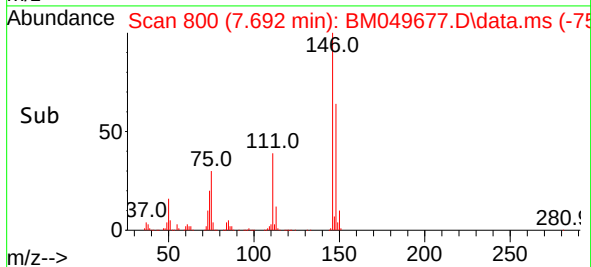
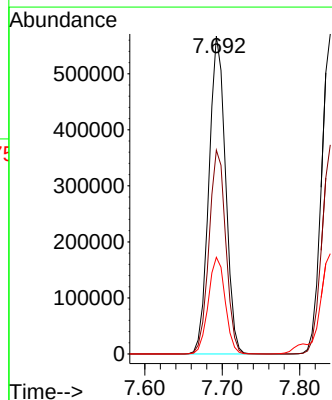
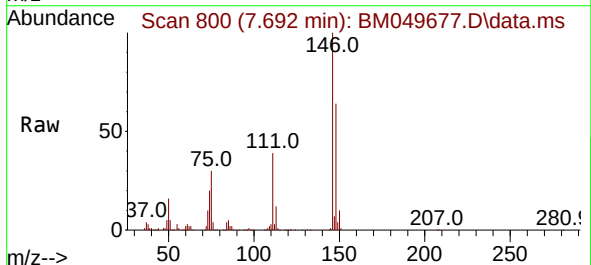
Instrument :
BNA_M
ClientSampleId :
PB166930BS

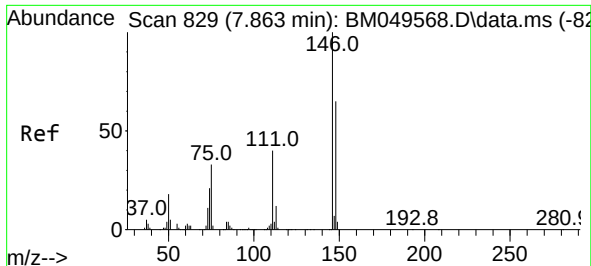
Tgt Ion: 93 Resp: 711922
Ion Ratio Lower Upper
93 100
63 74.9 57.3 97.3
95 32.7 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 43.701 ng
RT: 7.692 min Scan# 800
Delta R.T. -0.024 min
Lab File: BM049677.D
Acq: 28 Feb 2025 13:54

Tgt Ion:146 Resp: 845217
Ion Ratio Lower Upper
146 100
148 64.1 52.2 78.2
75 30.4 28.3 42.5

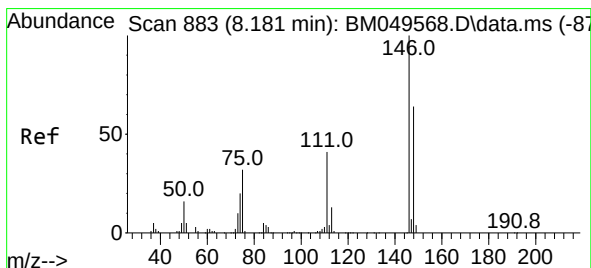
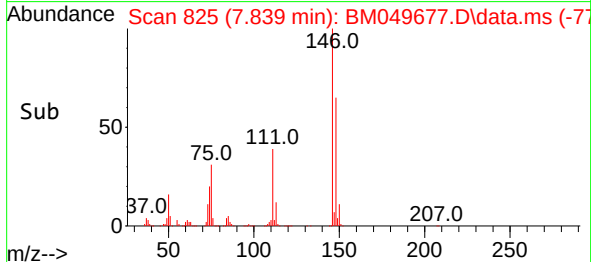
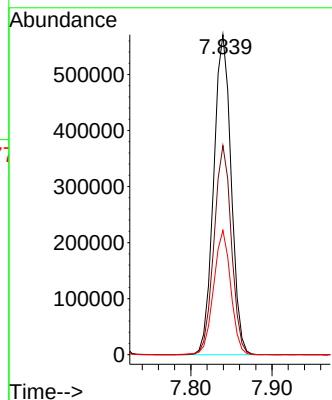
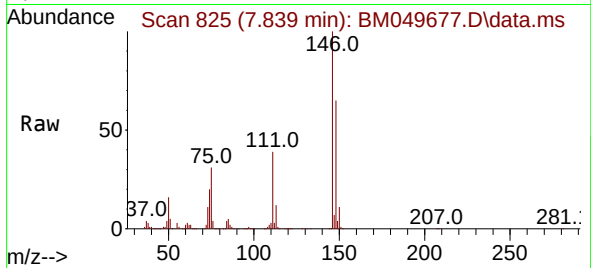




#13
1,4-Dichlorobenzene
Concen: 43.625 ng
RT: 7.839 min Scan# 81
Delta R.T. -0.024 min
Lab File: BM049677.D
Acq: 28 Feb 2025 13:54

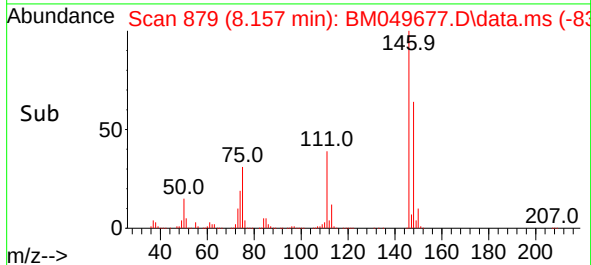
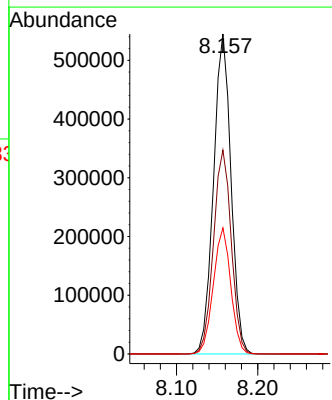
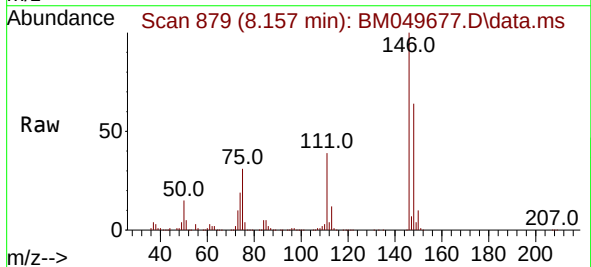
Instrument :
BNA_M
ClientSampleId :
PB166930BS

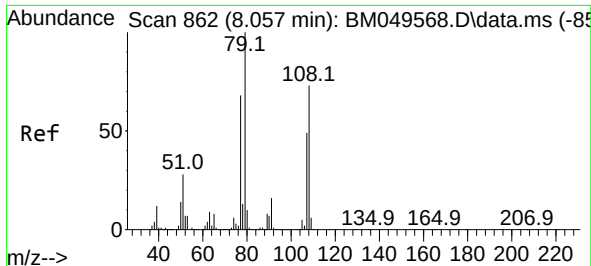
Tgt Ion:146 Resp: 853434
Ion Ratio Lower Upper
146 100
148 65.4 52.1 78.1
111 38.9 31.7 47.5



#14
1,2-Dichlorobenzene
Concen: 43.138 ng
RT: 8.157 min Scan# 879
Delta R.T. -0.024 min
Lab File: BM049677.D
Acq: 28 Feb 2025 13:54

Tgt Ion:146 Resp: 814856
Ion Ratio Lower Upper
146 100
148 63.7 51.5 77.3
111 39.4 33.4 50.0

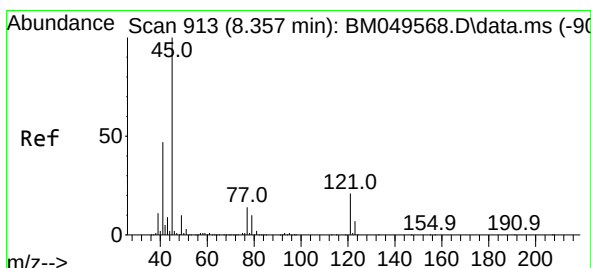
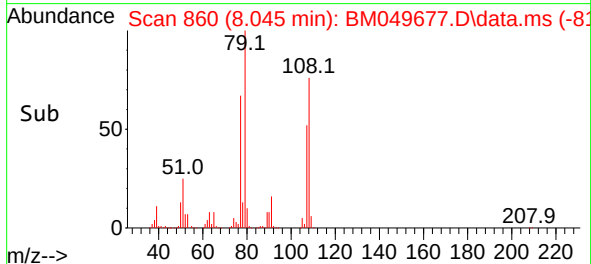
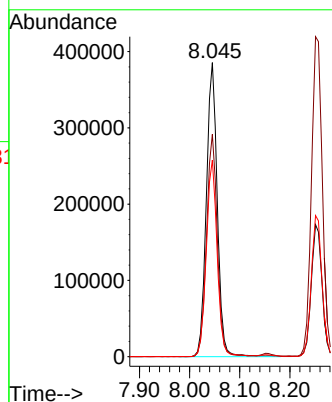
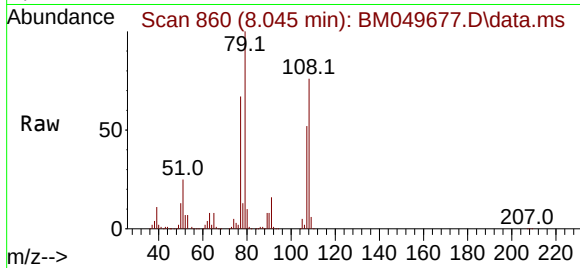




#15
Benzyl Alcohol
Concen: 38.472 ng
RT: 8.045 min Scan# 80
Delta R.T. -0.012 min
Lab File: BM049677.D
Acq: 28 Feb 2025 13:54

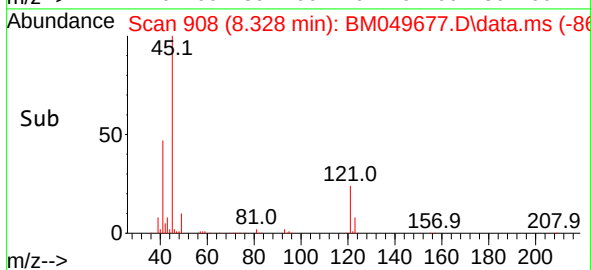
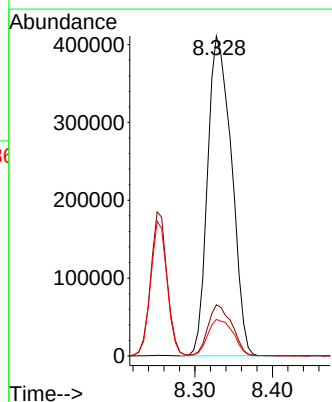
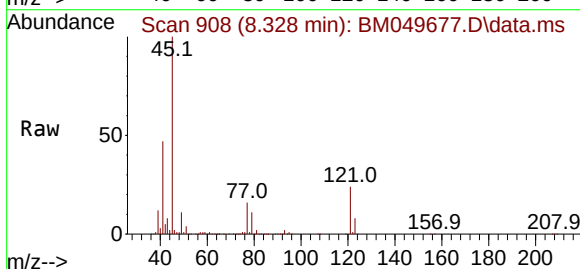
Instrument :
BNA_M
ClientSampleId :
PB166930BS

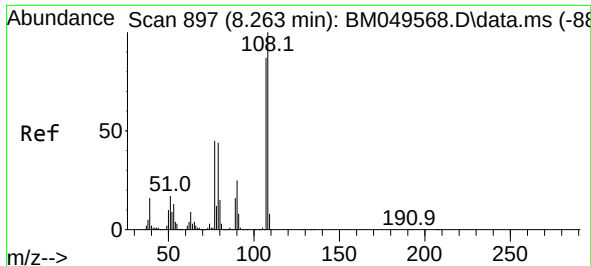
Tgt Ion: 79 Resp: 585153
Ion Ratio Lower Upper
79 100
108 75.6 58.6 88.0
77 66.9 54.0 81.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.545 ng
RT: 8.328 min Scan# 908
Delta R.T. -0.029 min
Lab File: BM049677.D
Acq: 28 Feb 2025 13:54

Tgt Ion: 45 Resp: 880483
Ion Ratio Lower Upper
45 100
77 16.0 0.0 34.0
79 11.4 0.0 30.8

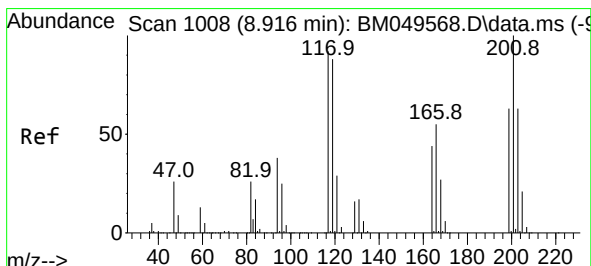
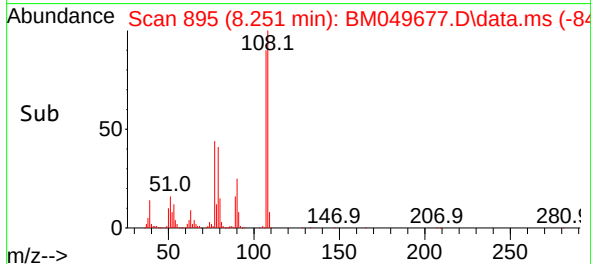
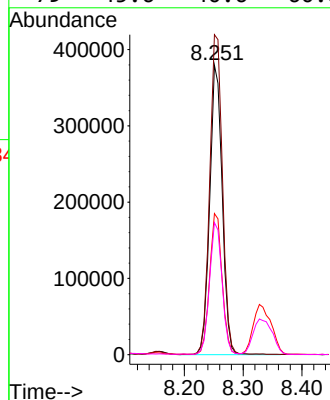
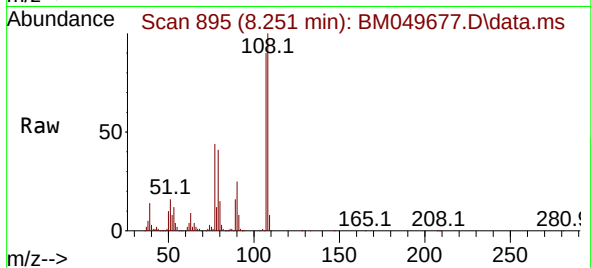




#17
2-Methylphenol
Concen: 42.339 ng
RT: 8.251 min Scan# 895
Delta R.T. -0.012 min
Lab File: BM049677.D
Acq: 28 Feb 2025 13:54

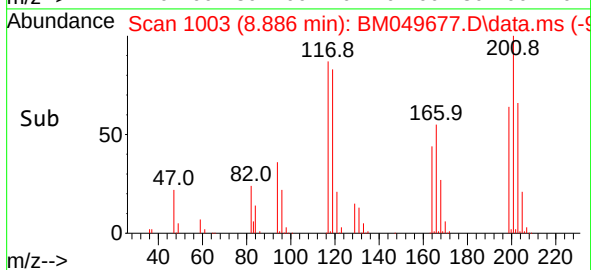
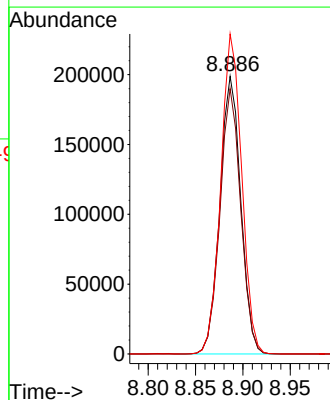
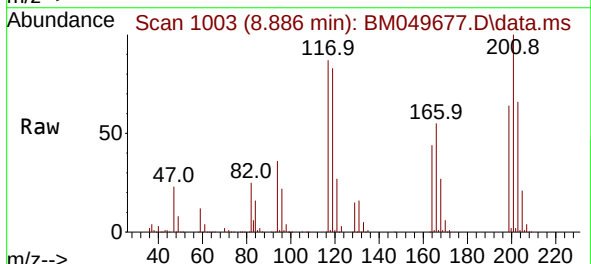
Instrument :
BNA_M
ClientSampleId :
PB166930BS

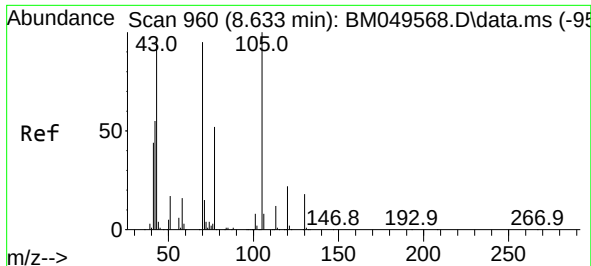
Tgt Ion:	107	Resp:	557459
Ion	Ratio	Lower	Upper
107	100		
108	110.6	92.2	138.4
77	48.8	41.3	61.9
79	45.6	40.6	60.8



#18
Hexachloroethane
Concen: 42.804 ng
RT: 8.886 min Scan# 1003
Delta R.T. -0.029 min
Lab File: BM049677.D
Acq: 28 Feb 2025 13:54

Tgt Ion:	117	Resp:	305866
Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.8	115.2
201	115.3	87.0	130.6

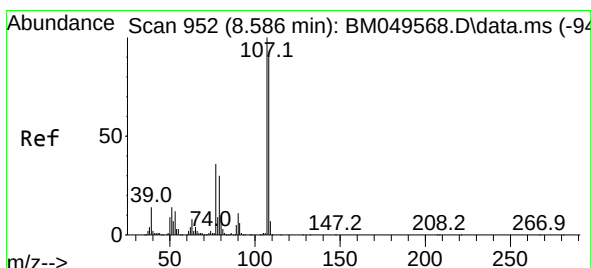
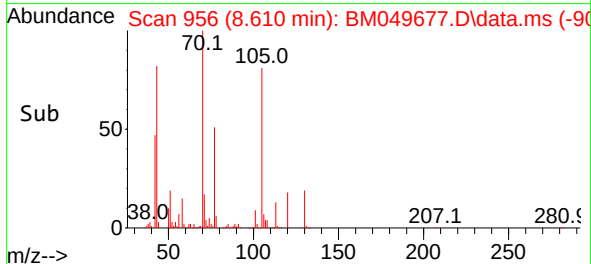
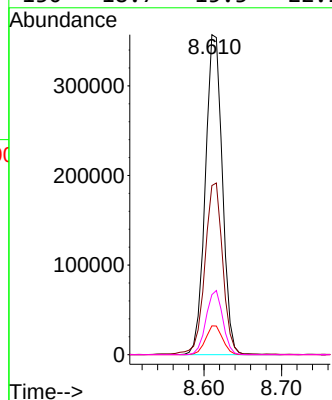
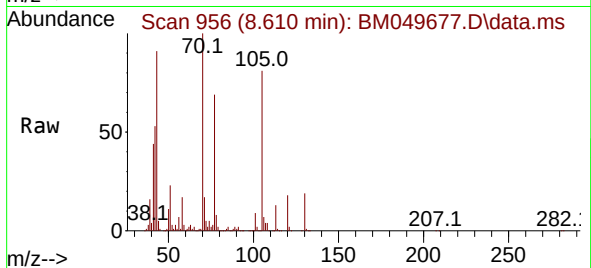




#19
n-Nitroso-di-n-propylamine
Concen: 38.072 ng
RT: 8.610 min Scan# 910
Delta R.T. -0.024 min
Lab File: BM049677.D
Acq: 28 Feb 2025 13:54

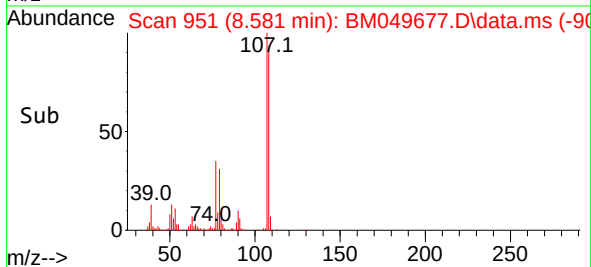
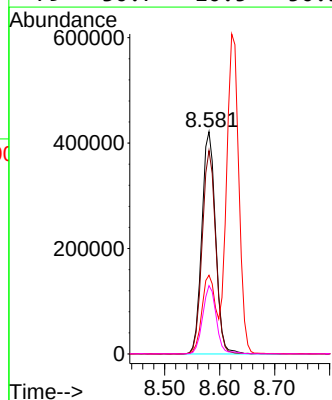
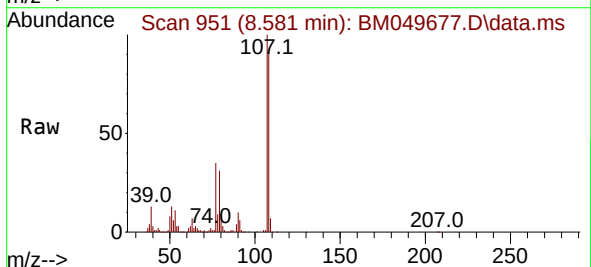
Instrument :
BNA_M
ClientSampleId :
PB166930BS

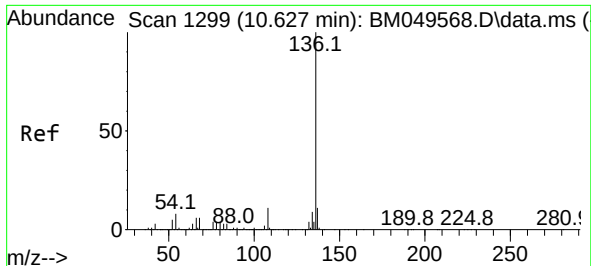
Tgt Ion: 70 Resp: 545049
Ion Ratio Lower Upper
70 100
42 52.9 47.4 71.2
101 9.0 7.1 10.7
130 18.7 15.3 22.9



#20
3+4-Methylphenols
Concen: 42.192 ng
RT: 8.581 min Scan# 951
Delta R.T. -0.006 min
Lab File: BM049677.D
Acq: 28 Feb 2025 13:54

Tgt Ion: 107 Resp: 733357
Ion Ratio Lower Upper
107 100
108 91.5 69.6 109.6
77 35.4 16.0 56.0
79 30.7 10.5 50.5



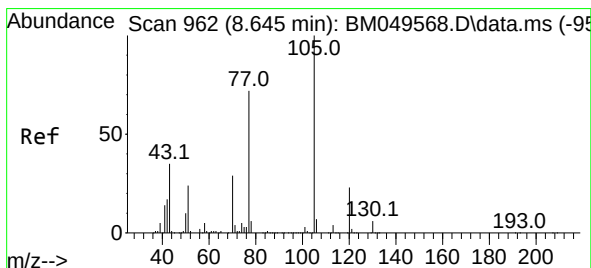
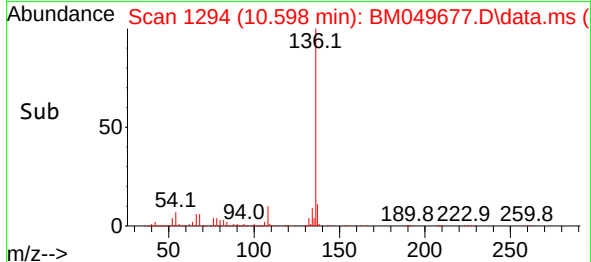
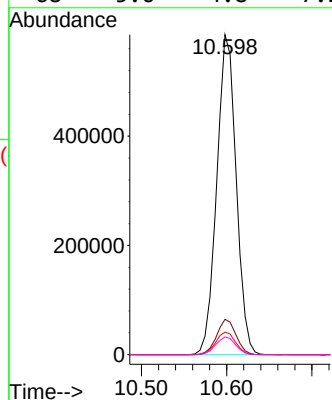
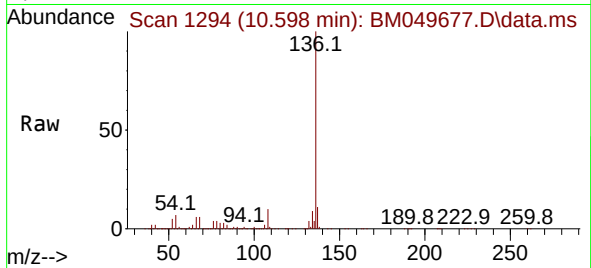


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.598 min Scan# 11
Delta R.T. -0.029 min
Lab File: BM049677.D
Acq: 28 Feb 2025 13:54

Instrument :
BNA_M
ClientSampleId :
PB166930BS

Tgt Ion:136 Resp: 927540

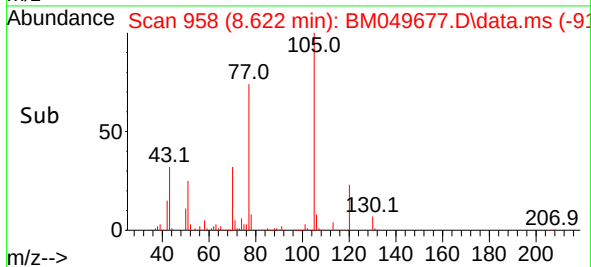
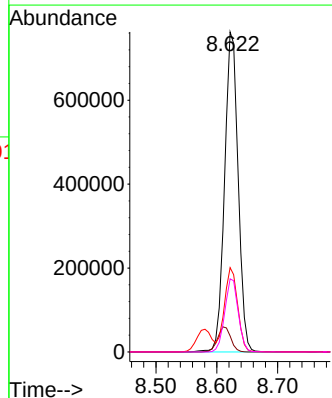
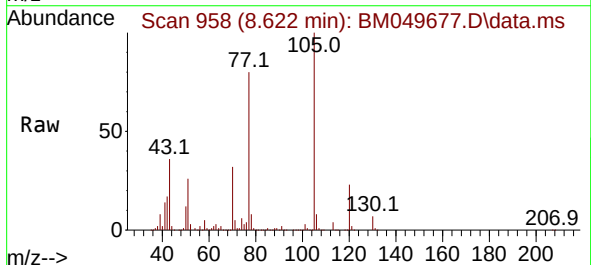
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	7.1	6.6	10.0
68	5.6	4.8	7.2

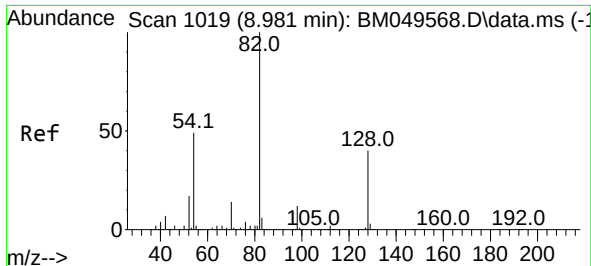


#22
Acetophenone
Concen: 47.203 ng
RT: 8.622 min Scan# 958
Delta R.T. -0.024 min
Lab File: BM049677.D
Acq: 28 Feb 2025 13:54

Tgt Ion:105 Resp: 1179242

Ion	Ratio	Lower	Upper
105	100		
71	5.0	3.5	5.3
51	26.3	21.7	32.5
120	22.9	18.1	27.1

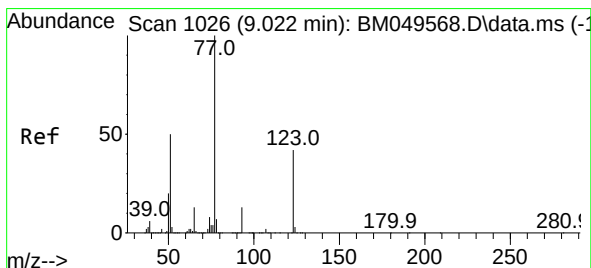
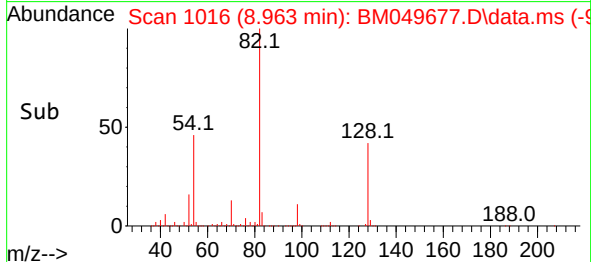
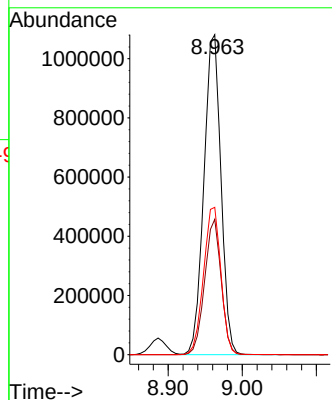
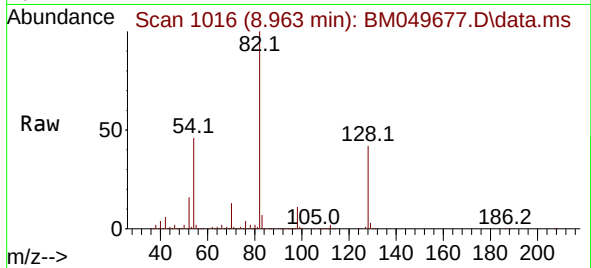




#23
Nitrobenzene-d5
Concen: 95.940 ng
RT: 8.963 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BM049677.D
Acq: 28 Feb 2025 13:54

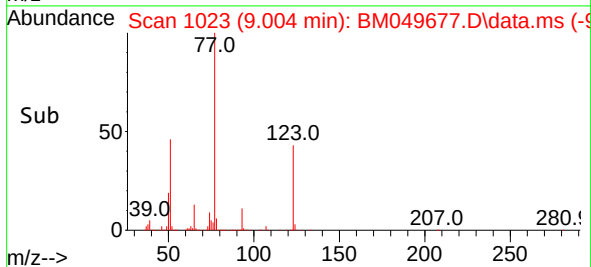
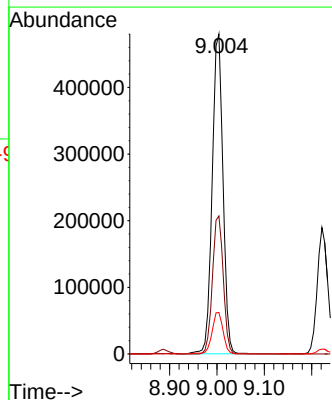
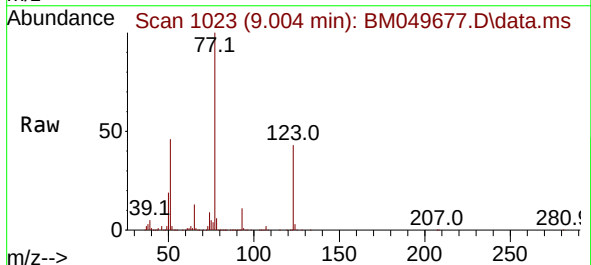
Instrument :
BNA_M
ClientSampleId :
PB166930BS

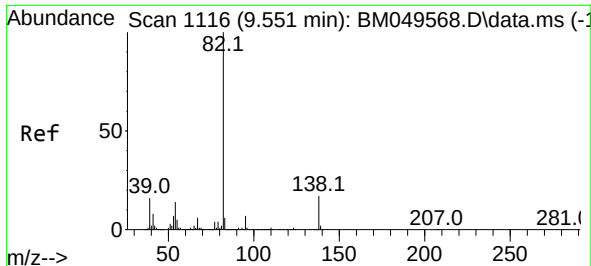
Tgt Ion: 82 Resp: 1730035
Ion Ratio Lower Upper
82 100
128 42.3 31.6 47.4
54 46.0 39.4 59.0



#24
Nitrobenzene
Concen: 43.347 ng
RT: 9.004 min Scan# 1023
Delta R.T. -0.018 min
Lab File: BM049677.D
Acq: 28 Feb 2025 13:54

Tgt Ion: 77 Resp: 759431
Ion Ratio Lower Upper
77 100
123 43.2 33.4 50.2
65 13.0 10.5 15.7

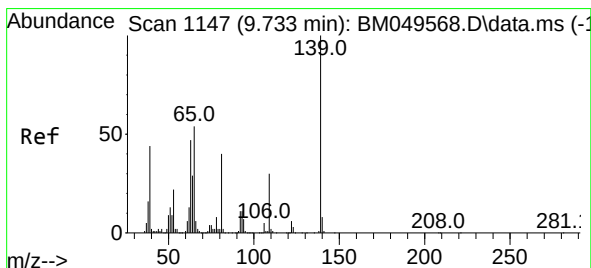
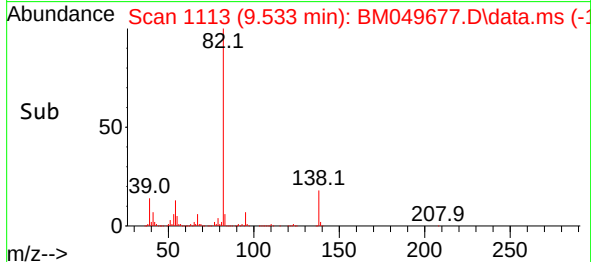
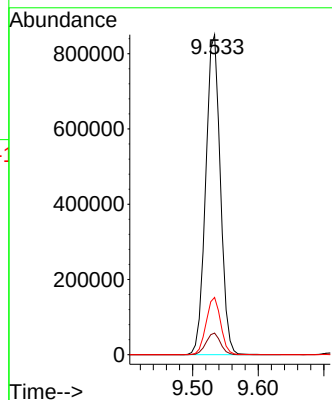
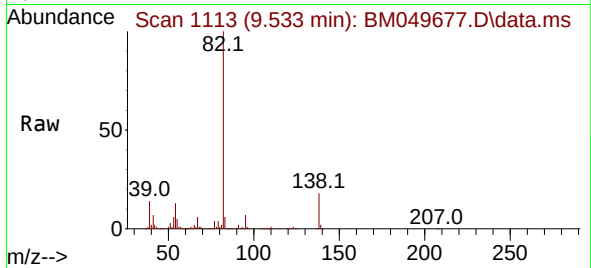




#25
Isophorone
Concen: 40.594 ng
RT: 9.533 min Scan# 1113
Delta R.T. -0.018 min
Lab File: BM049677.D
Acq: 28 Feb 2025 13:54

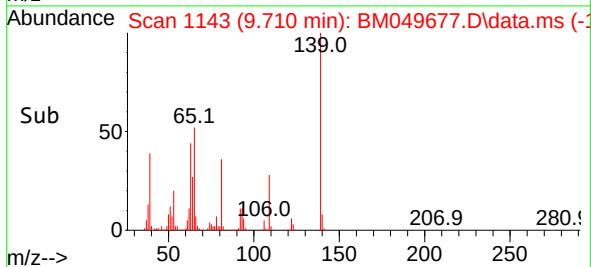
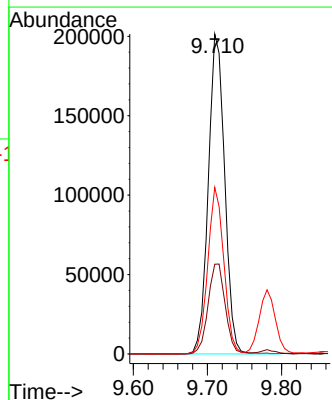
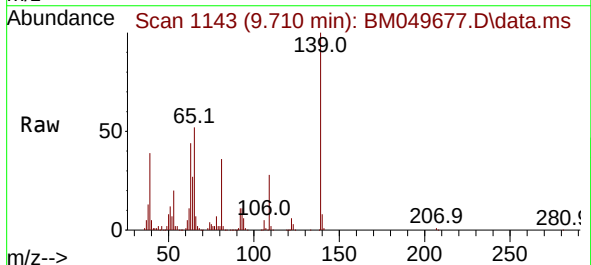
Instrument :
BNA_M
ClientSampleId :
PB166930BS

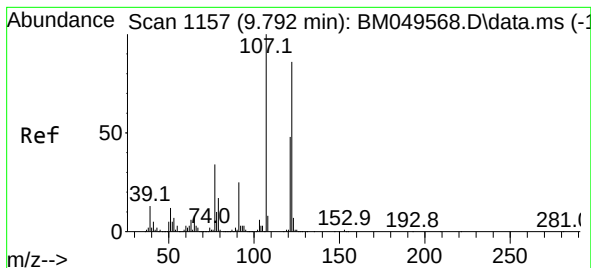
Tgt Ion: 82 Resp: 1320163
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 17.9 13.6 20.4



#26
2-Nitrophenol
Concen: 50.651 ng
RT: 9.710 min Scan# 1143
Delta R.T. -0.024 min
Lab File: BM049677.D
Acq: 28 Feb 2025 13:54

Tgt Ion:139 Resp: 308873
Ion Ratio Lower Upper
139 100
109 28.0 24.2 36.2
65 52.1 43.4 65.2

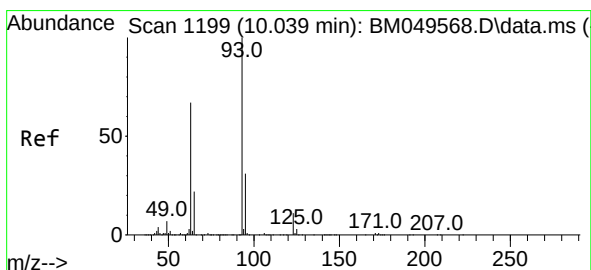
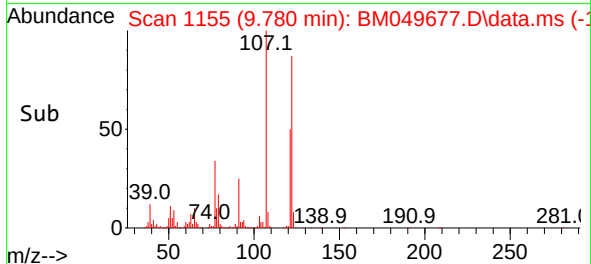
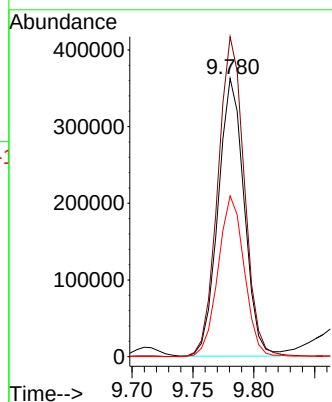
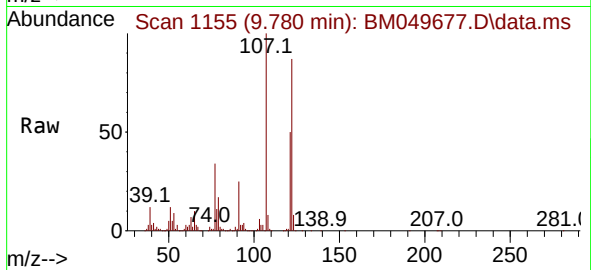




#27
2,4-Dimethylphenol
Concen: 52.540 ng
RT: 9.780 min Scan# 1157
Delta R.T. -0.012 min
Lab File: BM049677.D
Acq: 28 Feb 2025 13:54

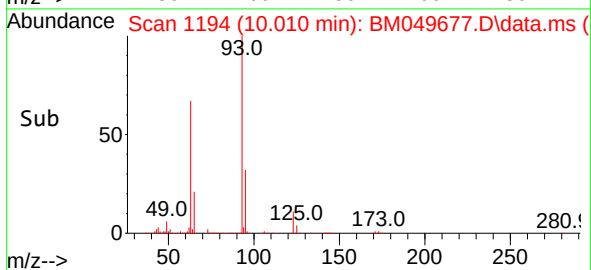
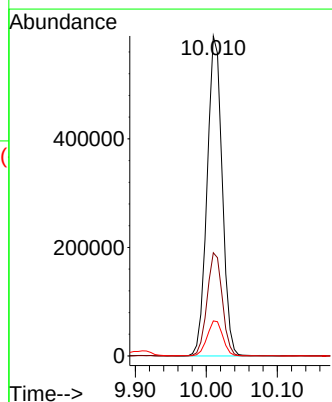
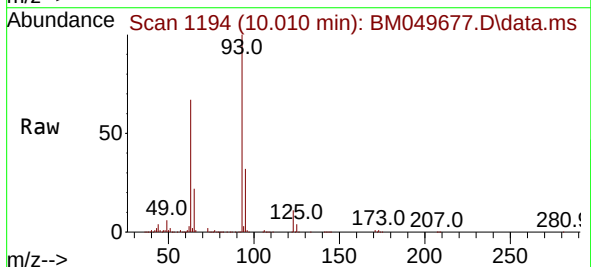
Instrument :
BNA_M
ClientSampleId :
PB166930BS

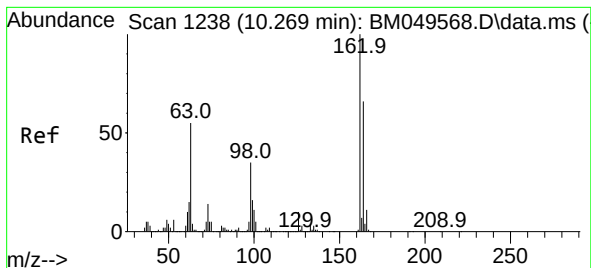
Tgt Ion:122 Resp: 540256
Ion Ratio Lower Upper
122 100
107 115.0 93.2 139.8
121 57.8 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 41.540 ng
RT: 10.010 min Scan# 1194
Delta R.T. -0.029 min
Lab File: BM049677.D
Acq: 28 Feb 2025 13:54

Tgt Ion: 93 Resp: 870086
Ion Ratio Lower Upper
93 100
95 32.3 25.2 37.8
123 11.0 8.6 12.8

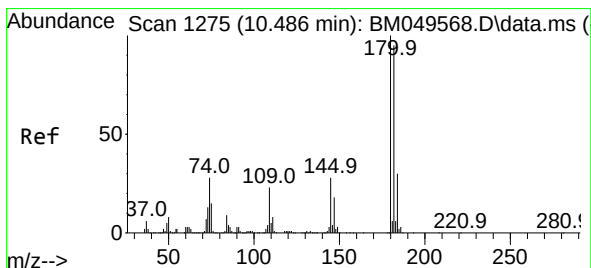
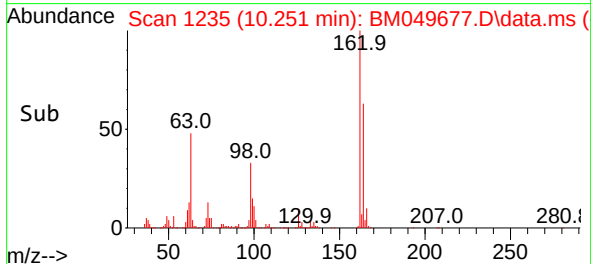
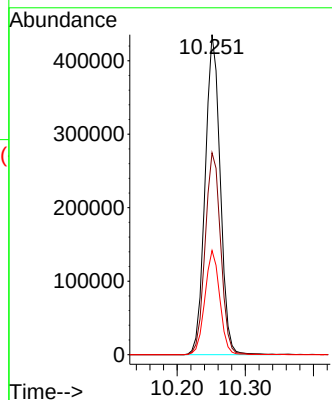
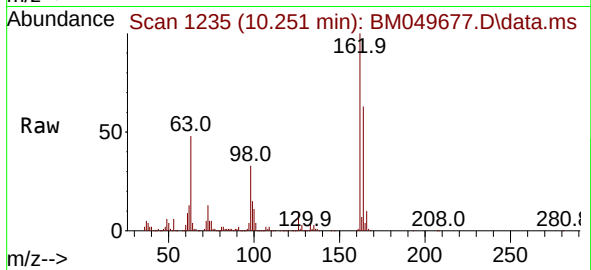




#29
2,4-Dichlorophenol
Concen: 47.364 ng
RT: 10.251 min Scan# 1235
Delta R.T. -0.018 min
Lab File: BM049677.D
Acq: 28 Feb 2025 13:54

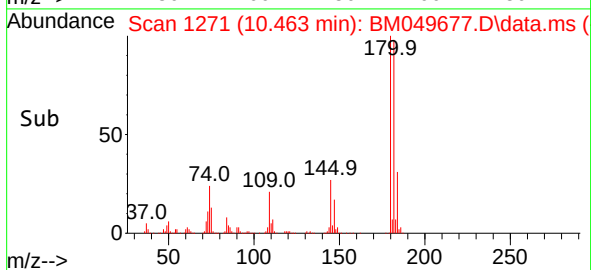
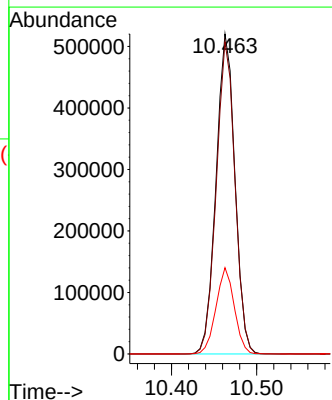
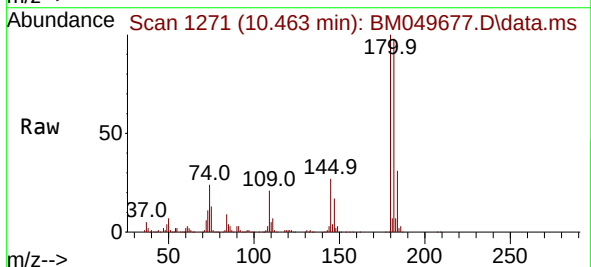
Instrument :
BNA_M
ClientSampleId :
PB166930BS

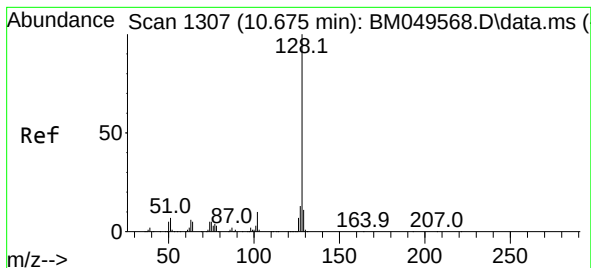
Tgt Ion:162 Resp: 670731
Ion Ratio Lower Upper
162 100
164 63.1 46.0 86.0
98 32.6 14.7 54.7



#30
1,2,4-Trichlorobenzene
Concen: 46.108 ng
RT: 10.463 min Scan# 1271
Delta R.T. -0.024 min
Lab File: BM049677.D
Acq: 28 Feb 2025 13:54

Tgt Ion:180 Resp: 799955
Ion Ratio Lower Upper
180 100
182 97.5 76.4 114.6
145 26.9 22.5 33.7

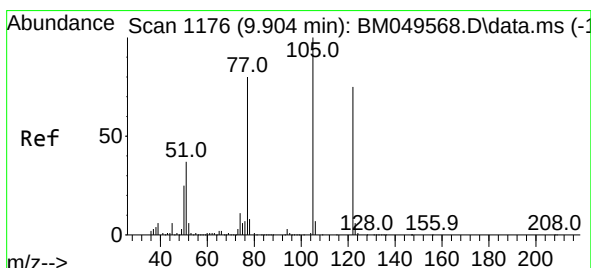
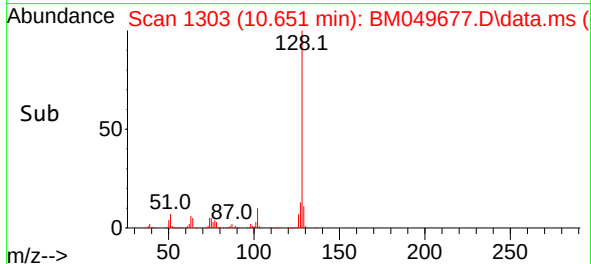
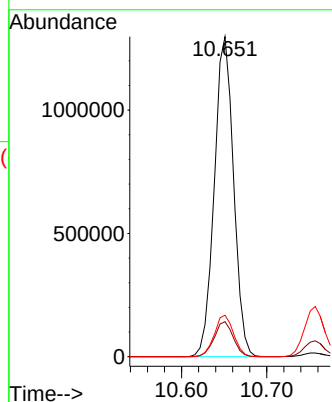
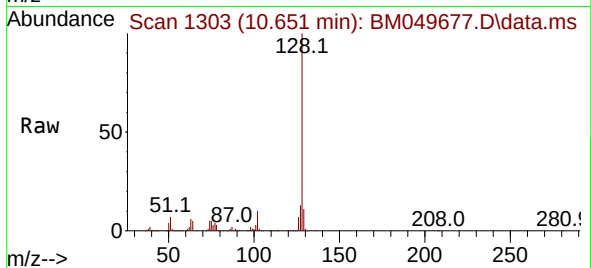




#31
Naphthalene
Concen: 41.733 ng
RT: 10.651 min Scan# 111
Delta R.T. -0.024 min
Lab File: BM049677.D
Acq: 28 Feb 2025 13:54

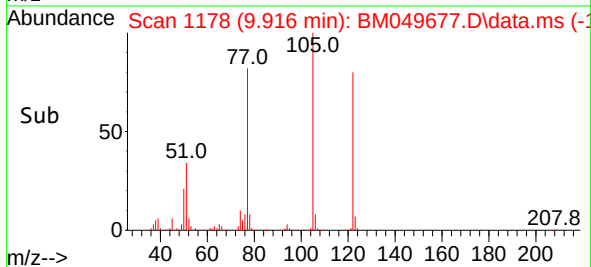
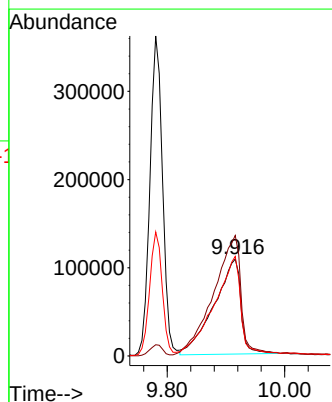
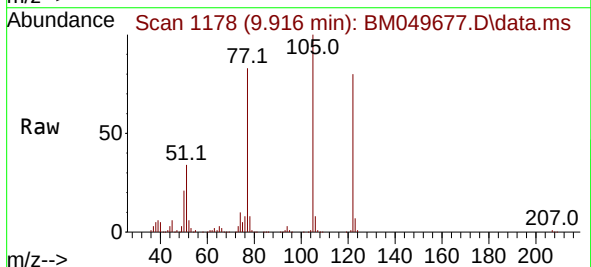
Instrument :
BNA_M
ClientSampleId :
PB166930BS

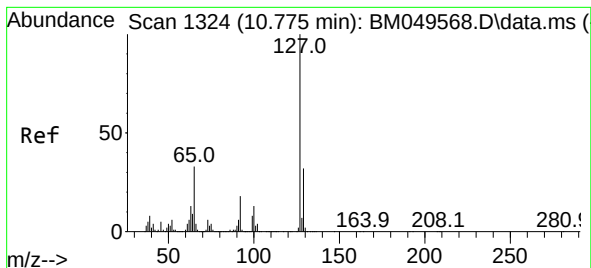
Tgt Ion:128 Resp: 2041535
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 12.9 10.6 15.8



#32
Benzoic acid
Concen: 51.887 ng
RT: 9.916 min Scan# 1178
Delta R.T. 0.012 min
Lab File: BM049677.D
Acq: 28 Feb 2025 13:54

Tgt Ion:122 Resp: 341474
Ion Ratio Lower Upper
122 100
105 124.5 103.6 143.6
77 102.9 82.4 122.4



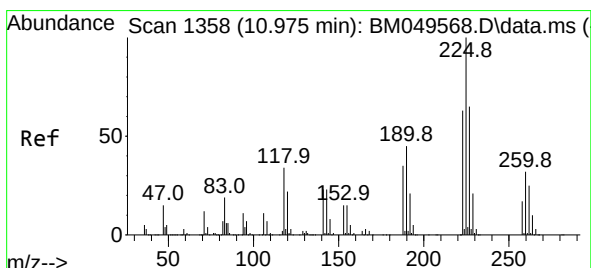
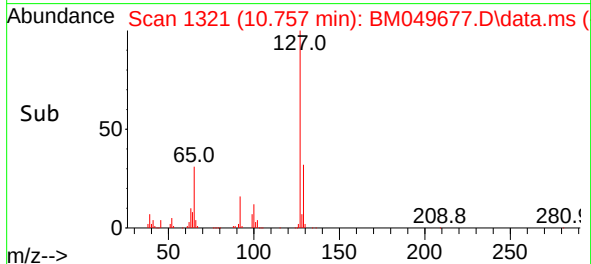
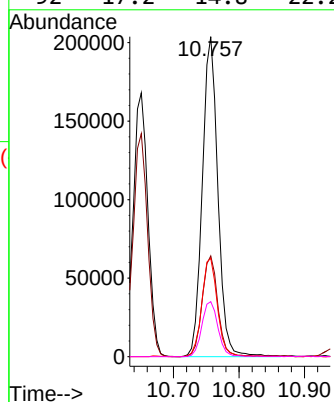
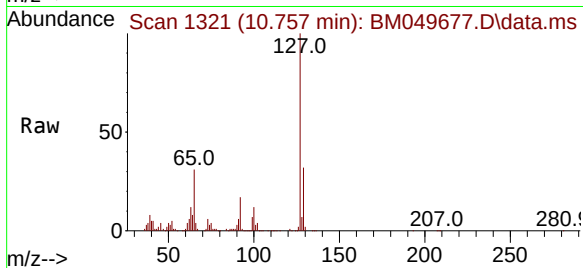


#33
4-Chloroaniline
Concen: 18.437 ng
RT: 10.757 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM049677.D
Acq: 28 Feb 2025 13:54

Instrument :
BNA_M
ClientSampleId :
PB166930BS

Tgt Ion:127 Resp: 337588

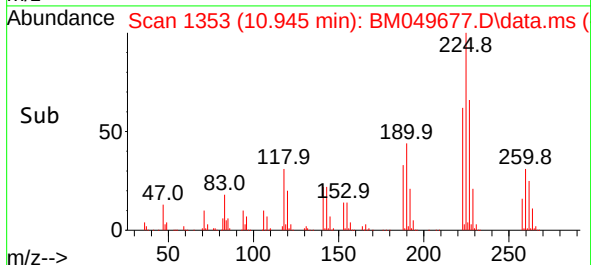
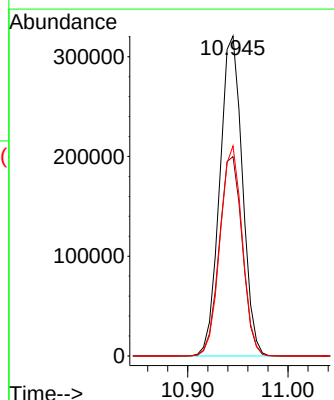
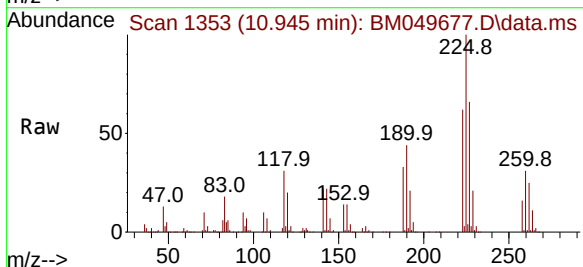
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.8	38.8
65	30.7	26.4	39.6
92	17.2	14.8	22.2

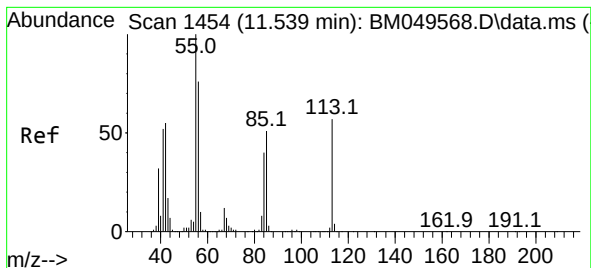


#34
Hexachlorobutadiene
Concen: 48.372 ng
RT: 10.945 min Scan# 1353
Delta R.T. -0.029 min
Lab File: BM049677.D
Acq: 28 Feb 2025 13:54

Tgt Ion:225 Resp: 502565

Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.6	75.8
227	65.6	51.8	77.6

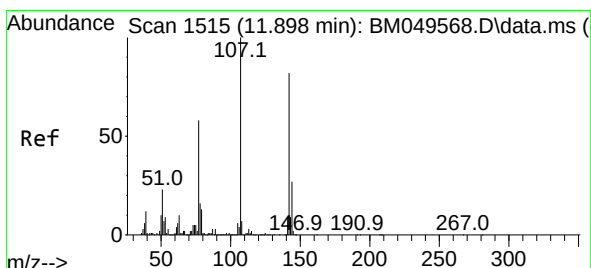
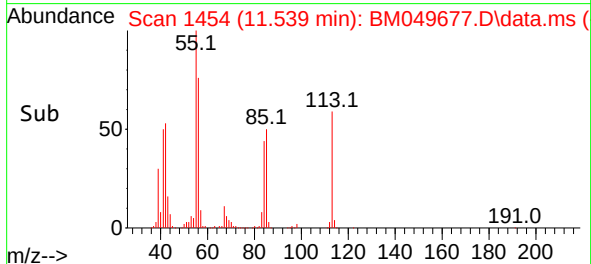
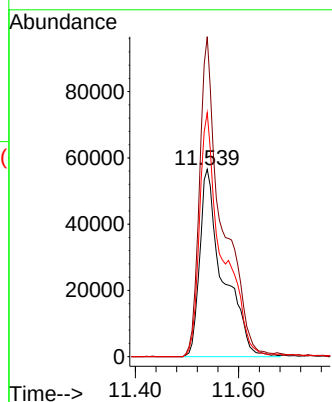
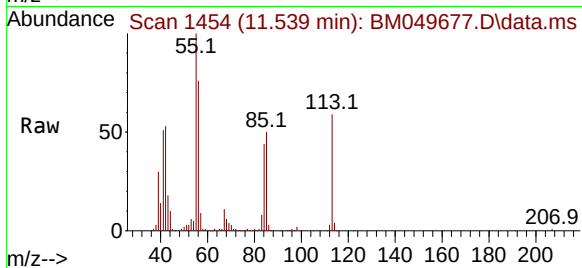




#35
 Caprolactam
 Concen: 40.810 ng
 RT: 11.539 min Scan# 1454
 Delta R.T. 0.000 min
 Lab File: BM049677.D
 Acq: 28 Feb 2025 13:54

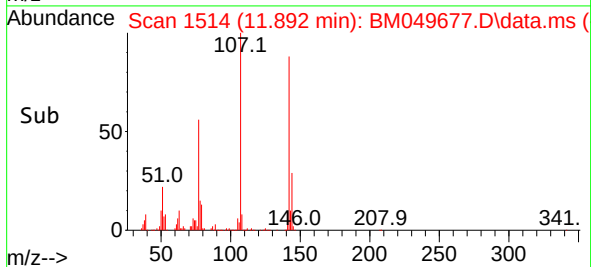
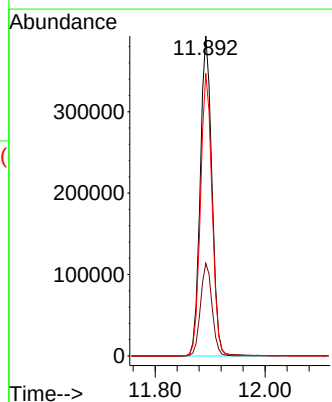
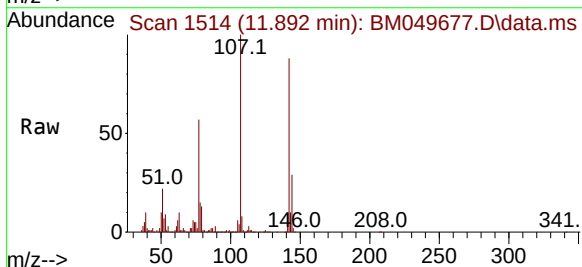
Instrument :
 BNA_M
 ClientSampleId :
 PB166930BS

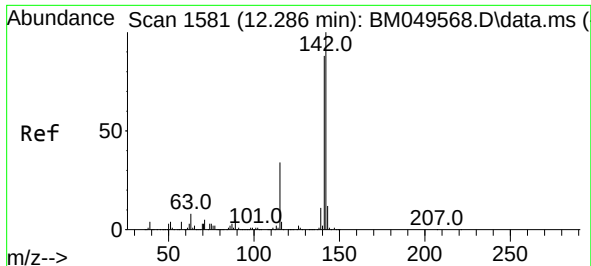
Tgt Ion:113 Resp: 176308
 Ion Ratio Lower Upper
 113 100
 55 170.9 157.5 197.5
 56 130.3 114.6 154.6



#36
 4-Chloro-3-methylphenol
 Concen: 41.213 ng
 RT: 11.892 min Scan# 1514
 Delta R.T. -0.006 min
 Lab File: BM049677.D
 Acq: 28 Feb 2025 13:54

Tgt Ion:107 Resp: 582020
 Ion Ratio Lower Upper
 107 100
 144 29.0 21.2 31.8
 142 88.3 65.4 98.2





#37

2-Methylnaphthalene

Concen: 40.845 ng

RT: 12.263 min Scan# 1

Delta R.T. -0.024 min

Lab File: BM049677.D

Acq: 28 Feb 2025 13:54

Instrument :

BNA_M

ClientSampleId :

PB166930BS

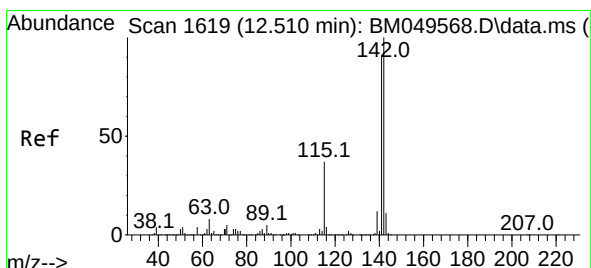
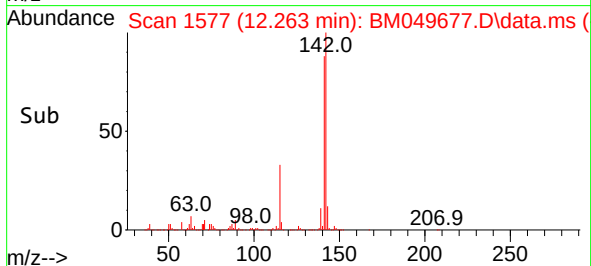
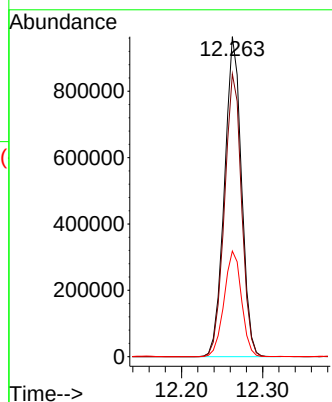
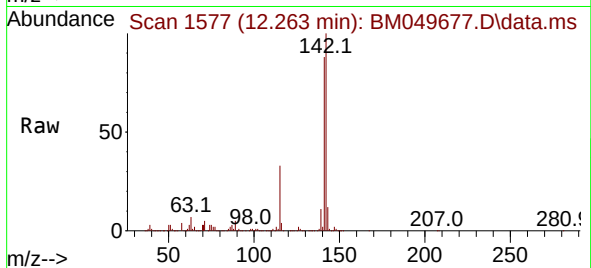
Tgt Ion:142 Resp: 1406787

Ion Ratio Lower Upper

142 100

141 88.4 70.2 105.4

115 33.0 27.5 41.3



#38

1-Methylnaphthalene

Concen: 40.784 ng

RT: 12.486 min Scan# 1615

Delta R.T. -0.024 min

Lab File: BM049677.D

Acq: 28 Feb 2025 13:54

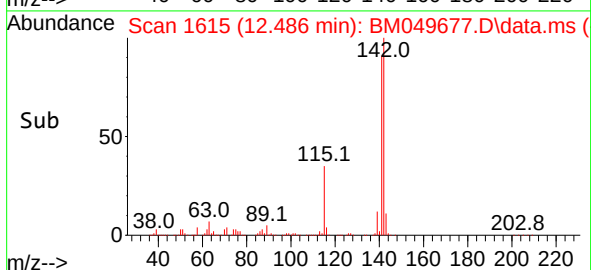
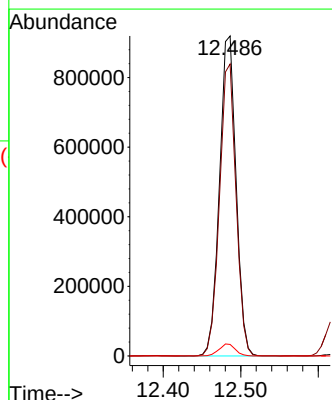
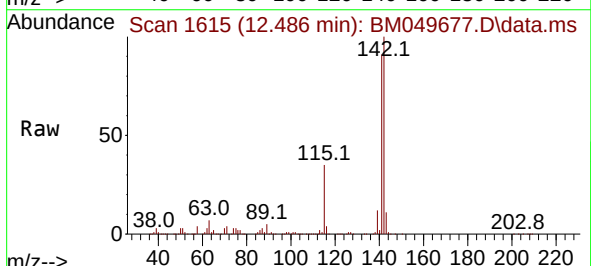
Tgt Ion:142 Resp: 1366699

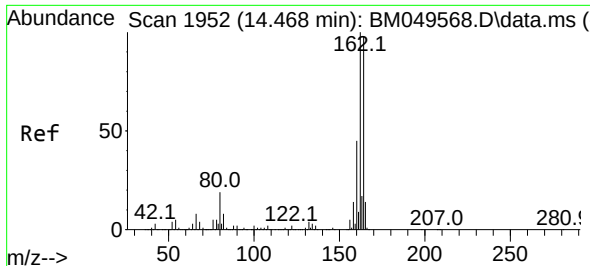
Ion Ratio Lower Upper

142 100

141 91.2 73.1 109.7

116 3.6 3.1 4.7

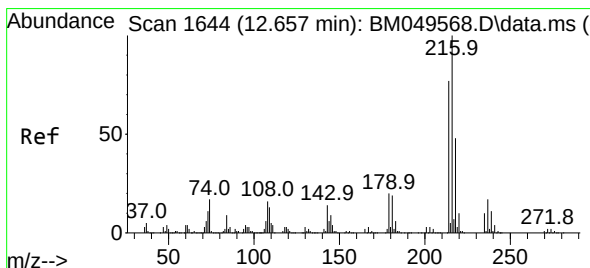
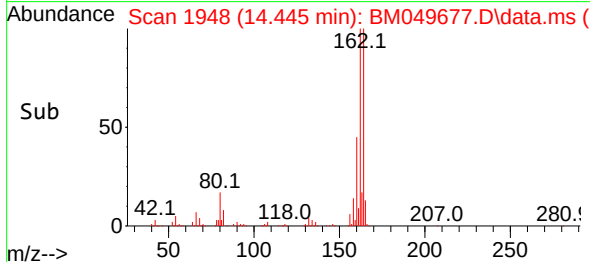
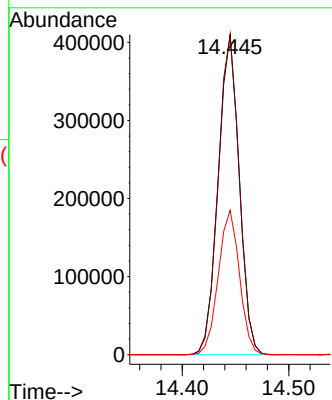
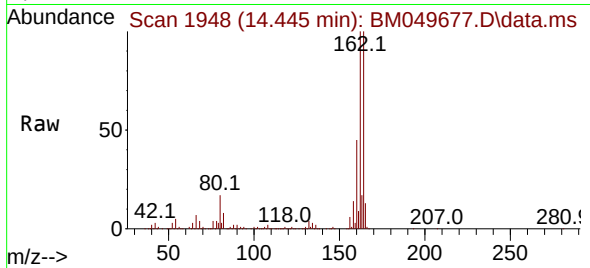




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1952
Delta R.T. -0.024 min
Lab File: BM049677.D
Acq: 28 Feb 2025 13:54

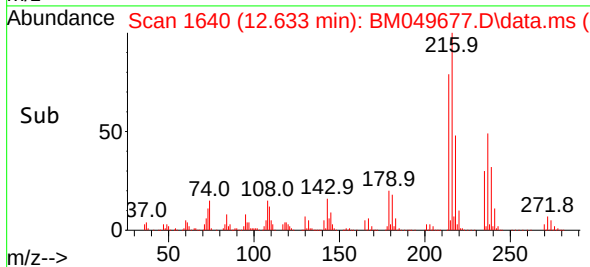
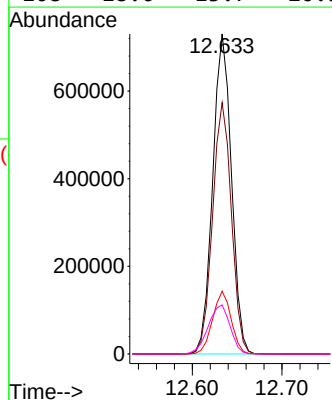
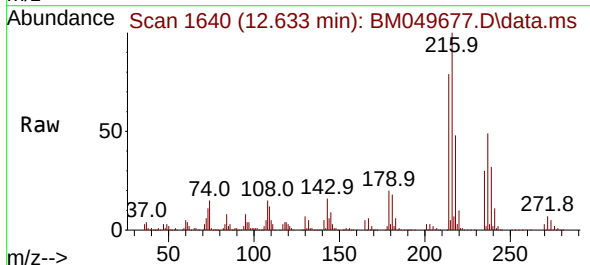
Instrument :
BNA_M
ClientSampleId :
PB166930BS

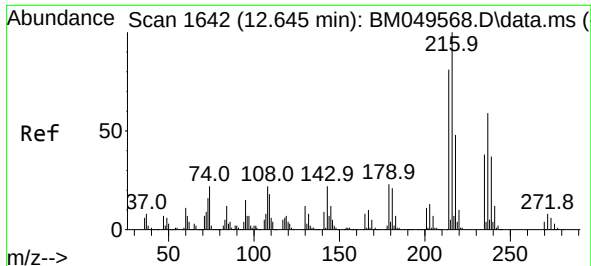
Tgt Ion:164 Resp: 561552
Ion Ratio Lower Upper
164 100
162 99.8 81.4 122.0
160 45.1 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 57.242 ng
RT: 12.633 min Scan# 1640
Delta R.T. -0.024 min
Lab File: BM049677.D
Acq: 28 Feb 2025 13:54

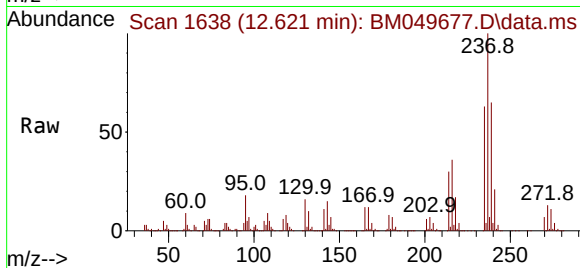
Tgt Ion:216 Resp: 1056864
Ion Ratio Lower Upper
216 100
214 79.1 62.4 93.6
179 19.5 16.3 24.5
108 18.0 13.7 20.5



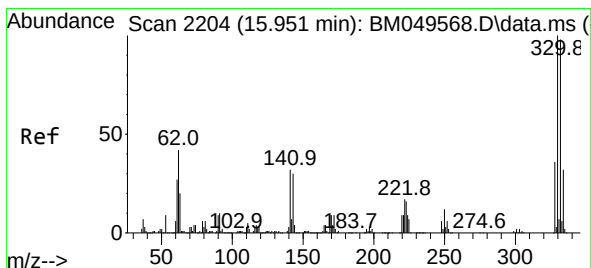
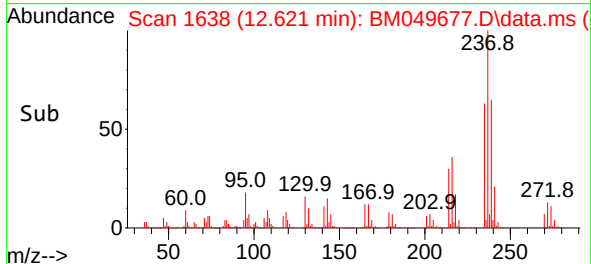
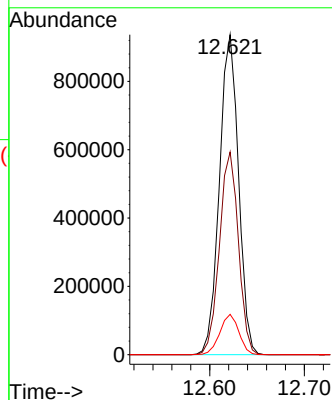


#41
Hexachlorocyclopentadiene
Concen: 278.316 ng
RT: 12.621 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM049677.D
Acq: 28 Feb 2025 13:54

Instrument :
BNA_M
ClientSampleId :
PB166930BS

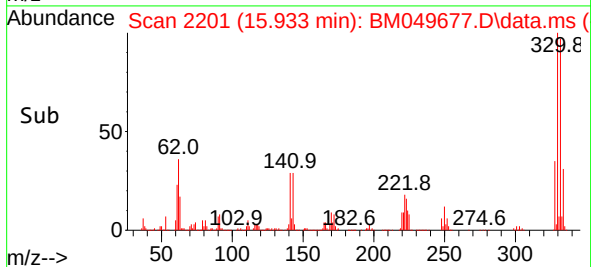
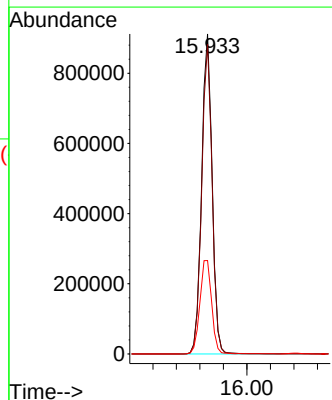
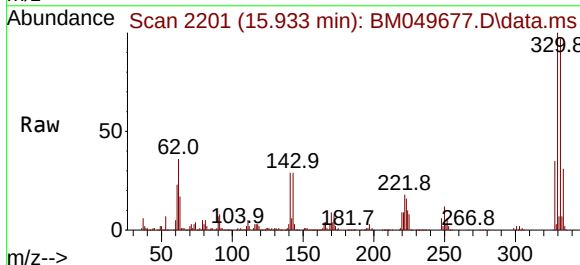


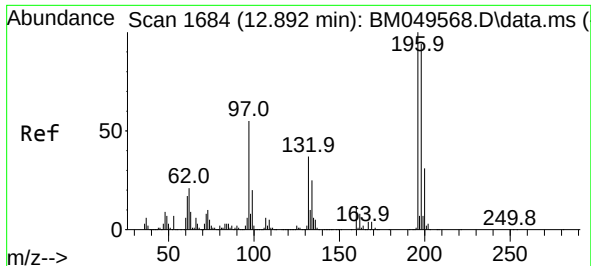
Tgt Ion:237 Resp: 1311792
Ion Ratio Lower Upper
237 100
235 63.4 43.8 83.8
272 12.6 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 169.363 ng
RT: 15.933 min Scan# 2201
Delta R.T. -0.018 min
Lab File: BM049677.D
Acq: 28 Feb 2025 13:54

Tgt Ion:330 Resp: 1126929
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 32.9 28.2 42.2

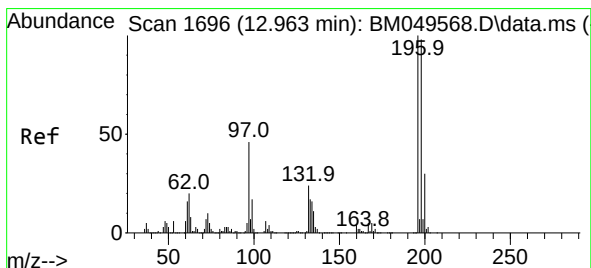
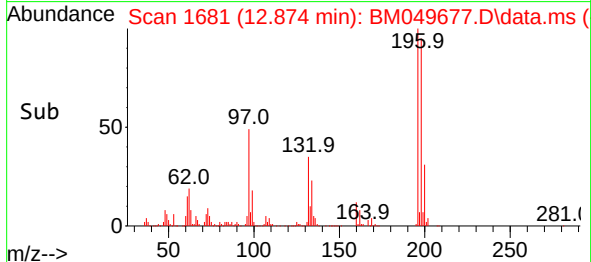
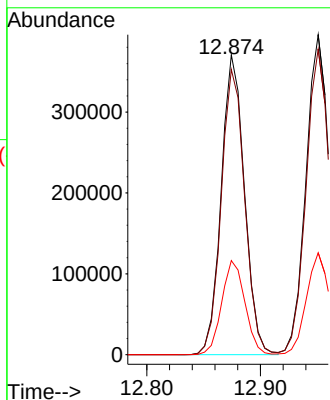
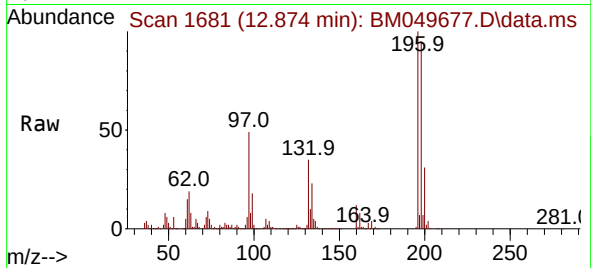




#43
2,4,6-Trichlorophenol
Concen: 52.392 ng
RT: 12.874 min Scan# 1681
Delta R.T. -0.018 min
Lab File: BM049677.D
Acq: 28 Feb 2025 13:54

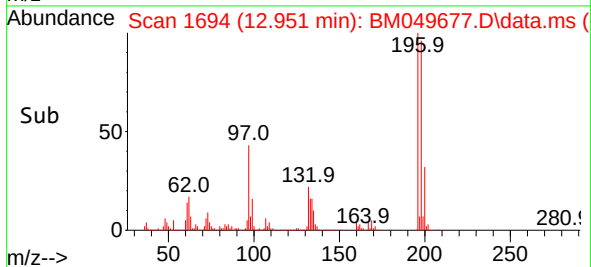
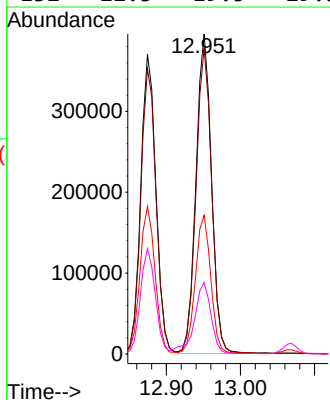
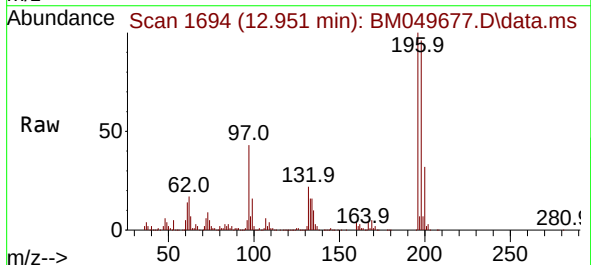
Instrument :
BNA_M
ClientSampleId :
PB166930BS

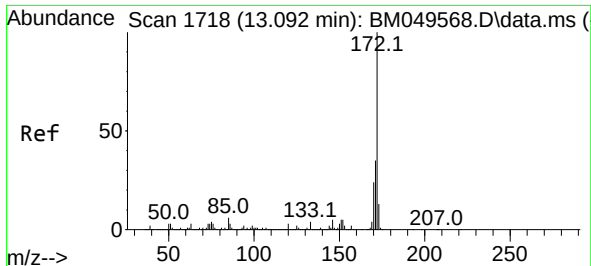
Tgt Ion:196 Resp: 527850
Ion Ratio Lower Upper
196 100
198 95.1 75.4 113.0
200 31.4 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 52.087 ng
RT: 12.951 min Scan# 1694
Delta R.T. -0.012 min
Lab File: BM049677.D
Acq: 28 Feb 2025 13:54

Tgt Ion:196 Resp: 576701
Ion Ratio Lower Upper
196 100
198 95.6 78.4 117.6
97 43.4 37.4 56.0
132 22.3 19.5 29.3

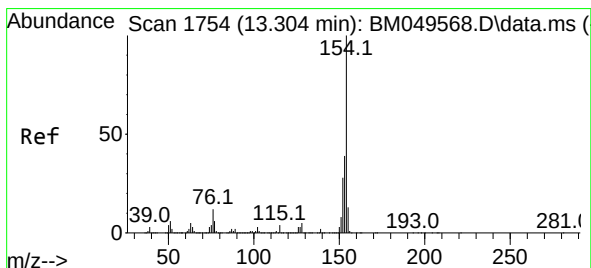
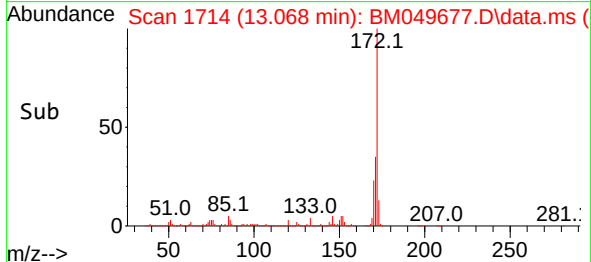
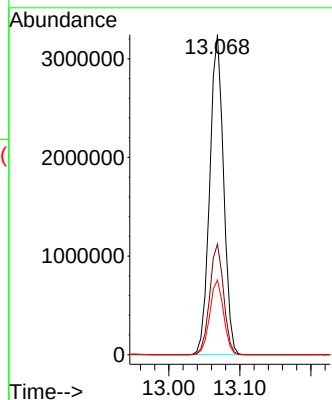
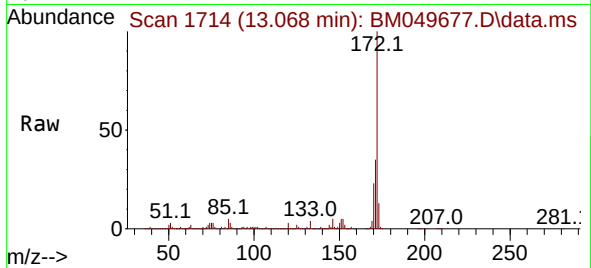




#45
2-Fluorobiphenyl
Concen: 101.189 ng
RT: 13.068 min Scan# 1714
Delta R.T. -0.024 min
Lab File: BM049677.D
Acq: 28 Feb 2025 13:54

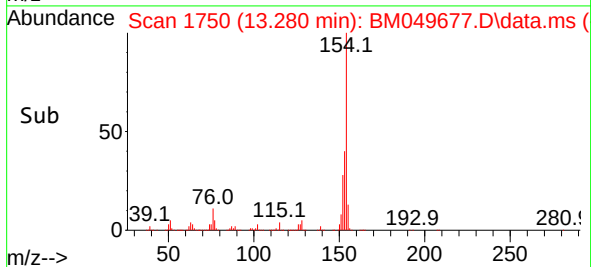
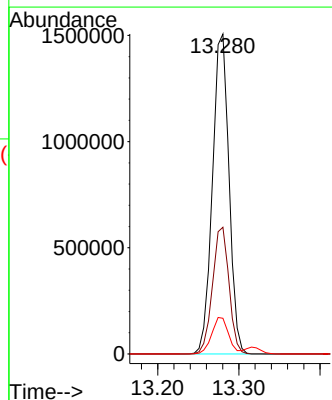
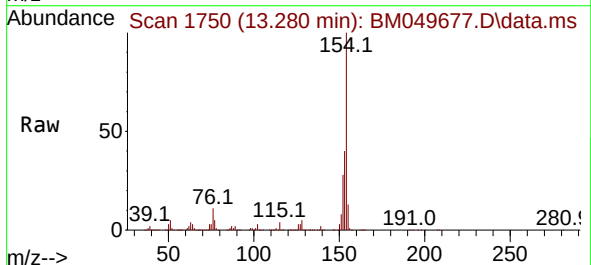
Instrument :
BNA_M
ClientSampleId :
PB166930BS

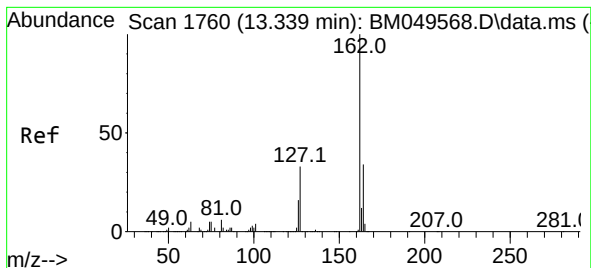
Tgt Ion:172 Resp: 4386331
Ion Ratio Lower Upper
172 100
171 34.5 28.0 42.0
170 23.3 19.0 28.4



#46
1,1'-Biphenyl
Concen: 49.695 ng
RT: 13.280 min Scan# 1750
Delta R.T. -0.024 min
Lab File: BM049677.D
Acq: 28 Feb 2025 13:54

Tgt Ion:154 Resp: 2128869
Ion Ratio Lower Upper
154 100
153 39.6 19.5 59.5
76 11.1 0.0 32.1

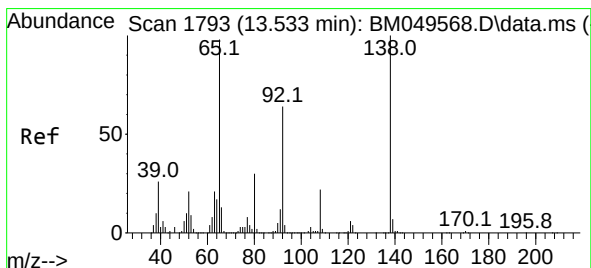
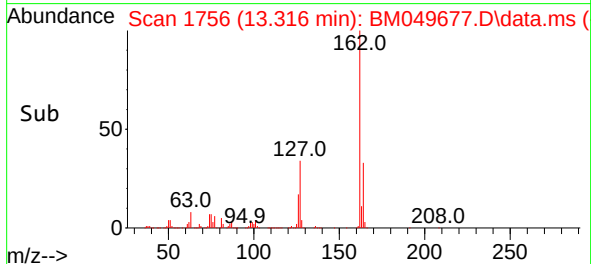
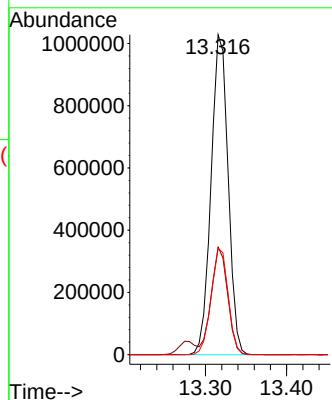
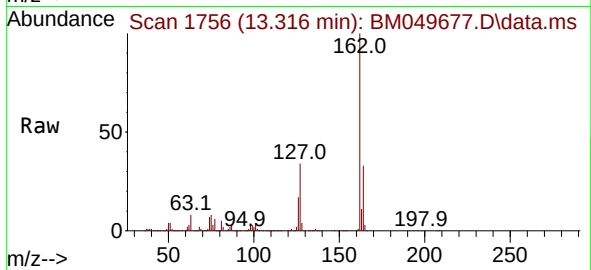




#47
2-Chloronaphthalene
Concen: 45.243 ng
RT: 13.316 min Scan# 1760
Delta R.T. -0.024 min
Lab File: BM049677.D
Acq: 28 Feb 2025 13:54

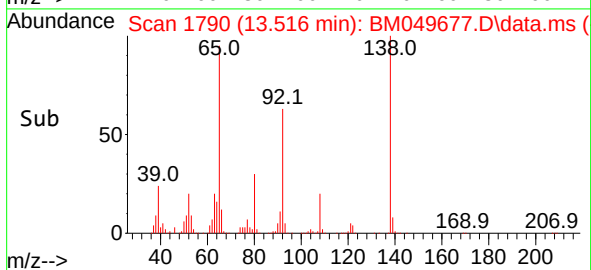
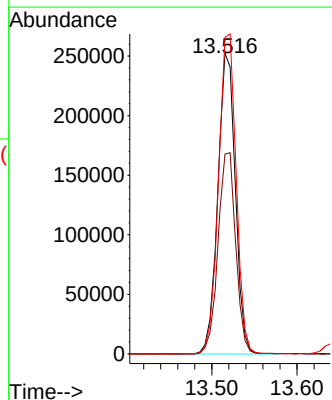
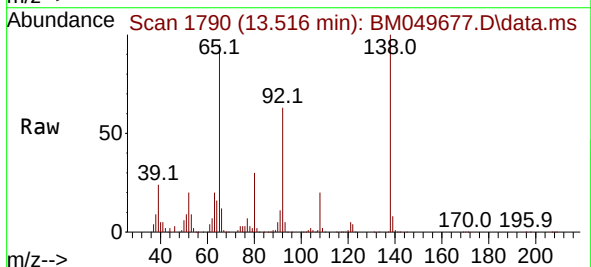
Instrument :
BNA_M
ClientSampleId :
PB166930BS

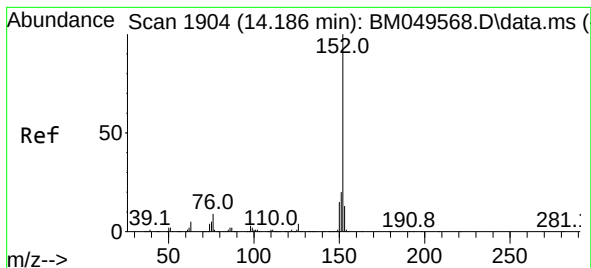
Tgt Ion:162 Resp: 1499535
Ion Ratio Lower Upper
162 100
127 33.6 27.9 41.9
164 33.3 26.8 40.2



#48
2-Nitroaniline
Concen: 41.870 ng
RT: 13.516 min Scan# 1790
Delta R.T. -0.018 min
Lab File: BM049677.D
Acq: 28 Feb 2025 13:54

Tgt Ion: 65 Resp: 360851
Ion Ratio Lower Upper
65 100
92 66.5 52.0 78.0
138 105.3 81.6 122.4





#49

Acenaphthylene

Concen: 45.544 ng

RT: 14.163 min Scan# 1904

Delta R.T. -0.024 min

Lab File: BM049677.D

Acq: 28 Feb 2025 13:54

Instrument :

BNA_M

ClientSampleId :

PB166930BS

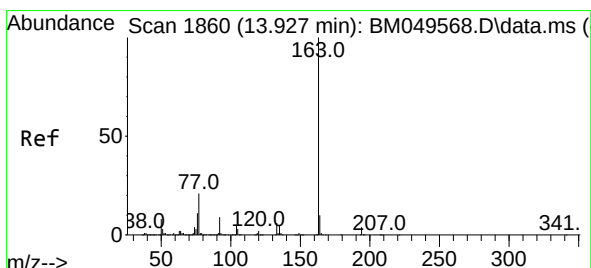
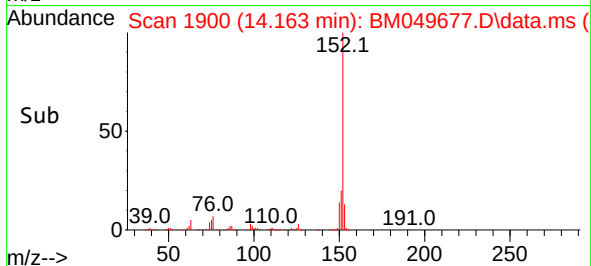
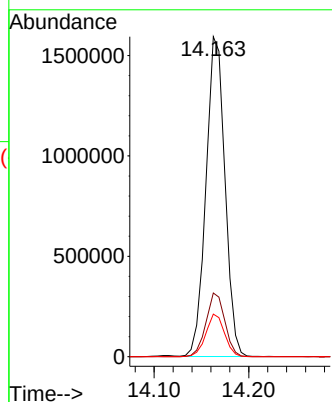
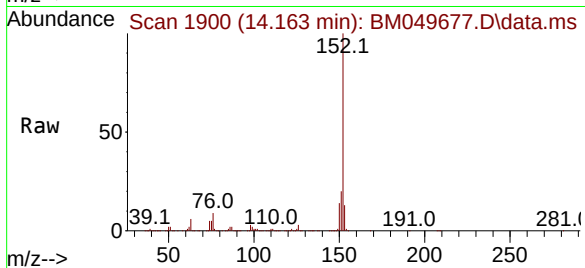
Tgt Ion:152 Resp: 2225861

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.4

153 13.3 10.6 16.0



#50

Dimethylphthalate

Concen: 42.833 ng

RT: 13.904 min Scan# 1856

Delta R.T. -0.024 min

Lab File: BM049677.D

Acq: 28 Feb 2025 13:54

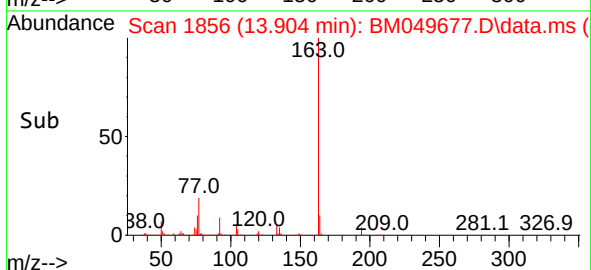
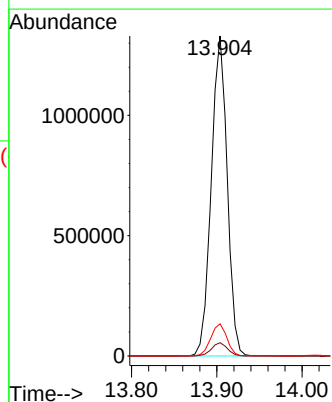
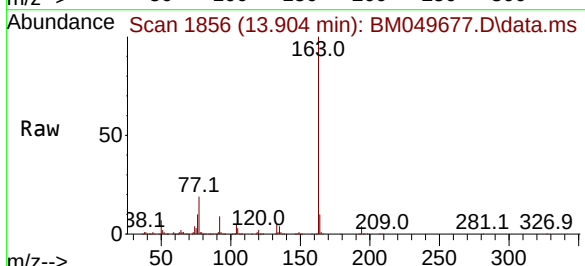
Tgt Ion:163 Resp: 1727329

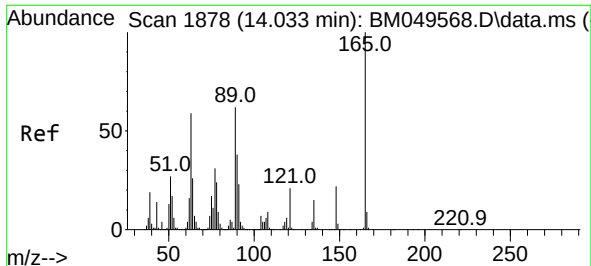
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.1 8.1 12.1

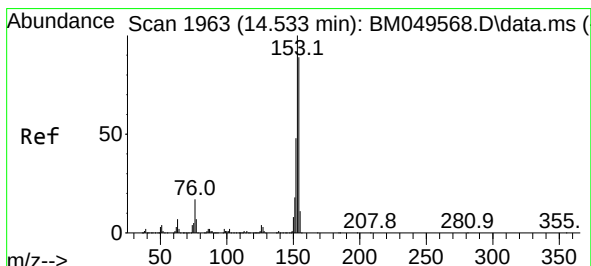
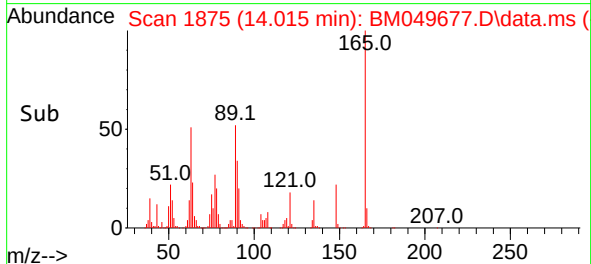
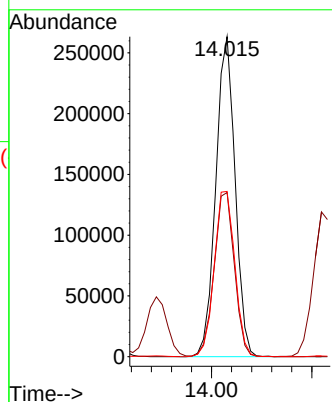
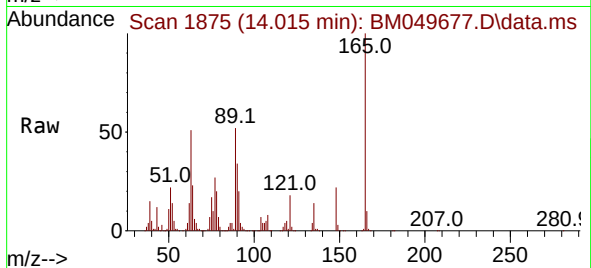




#51
2,6-Dinitrotoluene
Concen: 50.333 ng
RT: 14.015 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM049677.D
Acq: 28 Feb 2025 13:54

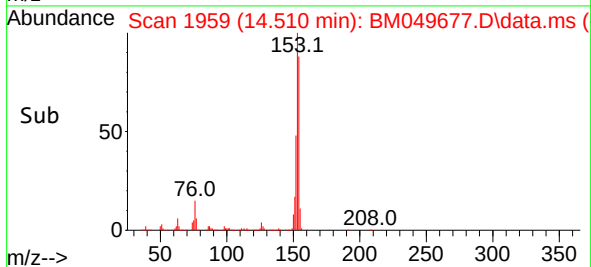
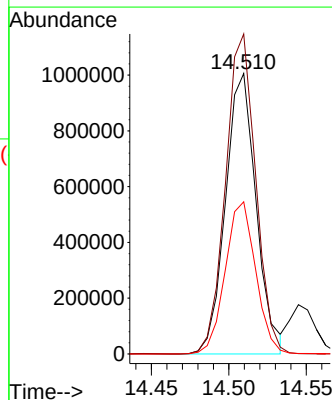
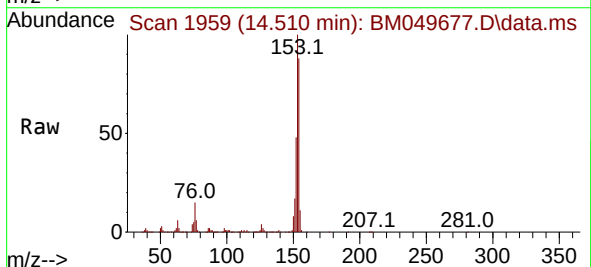
Instrument :
BNA_M
ClientSampleId :
PB166930BS

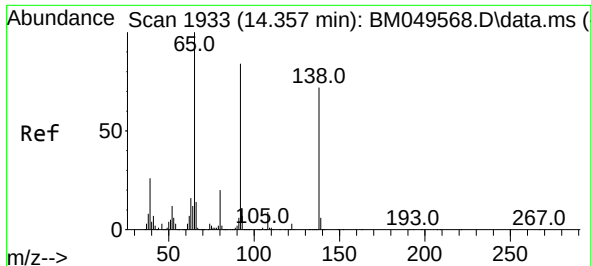
Tgt Ion:165 Resp: 351235
Ion Ratio Lower Upper
165 100
63 51.3 47.8 71.6
89 51.7 49.2 73.8



#52
Acenaphthene
Concen: 42.718 ng
RT: 14.510 min Scan# 1959
Delta R.T. -0.024 min
Lab File: BM049677.D
Acq: 28 Feb 2025 13:54

Tgt Ion:154 Resp: 1385779
Ion Ratio Lower Upper
154 100
153 114.1 90.0 135.0
152 54.3 43.0 64.4

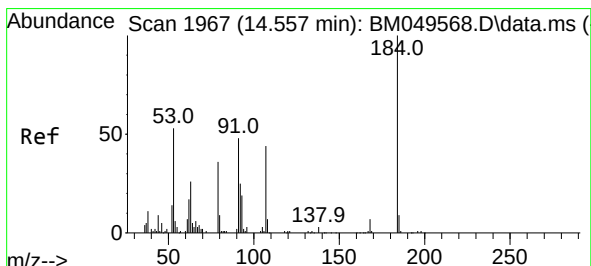
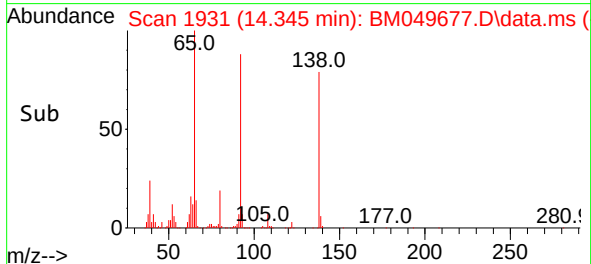
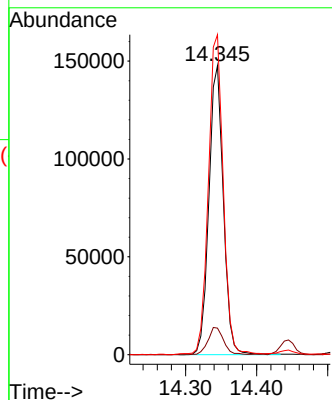
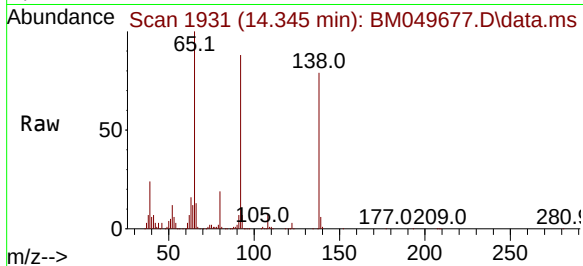




#53
3-Nitroaniline
Concen: 29.416 ng
RT: 14.345 min Scan# 1931
Delta R.T. -0.012 min
Lab File: BM049677.D
Acq: 28 Feb 2025 13:54

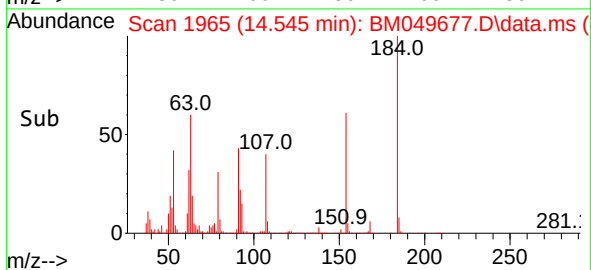
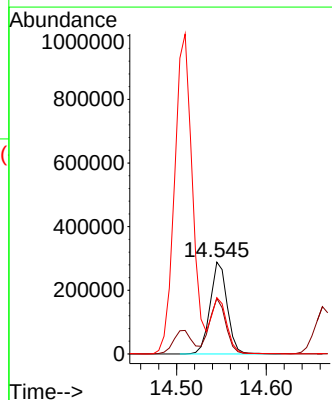
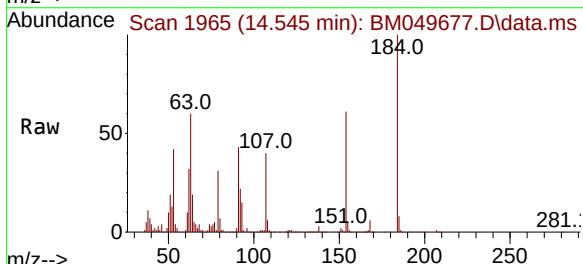
Instrument :
BNA_M
ClientSampleId :
PB166930BS

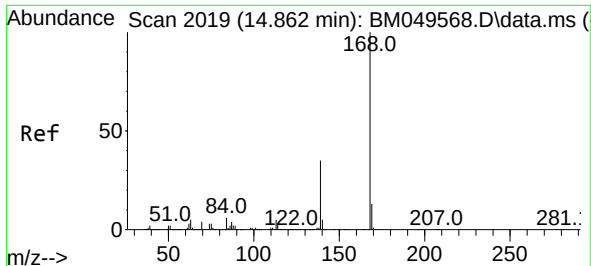
Tgt Ion:138 Resp: 208993
Ion Ratio Lower Upper
138 100
108 9.2 10.3 15.5#
92 110.7 93.6 140.4



#54
2,4-Dinitrophenol
Concen: 114.903 ng
RT: 14.545 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BM049677.D
Acq: 28 Feb 2025 13:54

Tgt Ion:184 Resp: 380183
Ion Ratio Lower Upper
184 100
63 60.5 60.2 90.4
154 61.2 78.2 117.4#

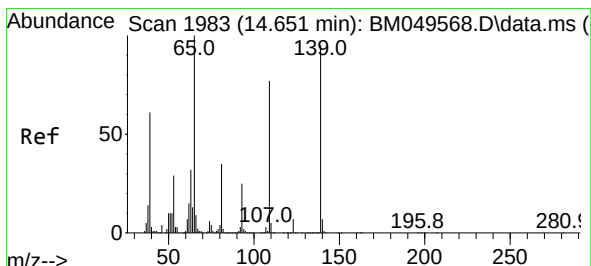
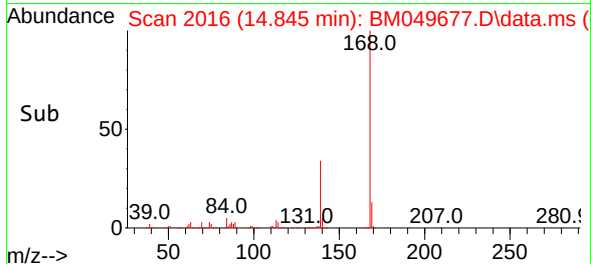
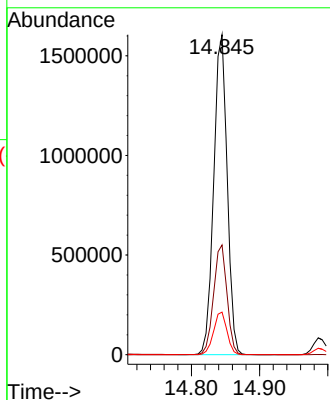
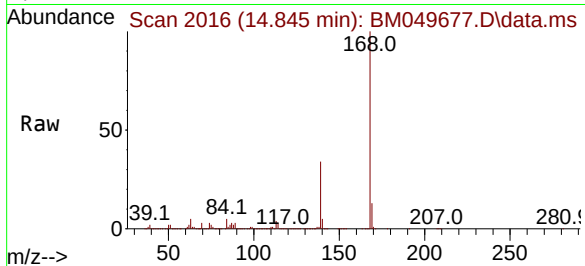




#55
Dibenzenofuran
Concen: 42.663 ng
RT: 14.845 min Scan# 2019
Delta R.T. -0.018 min
Lab File: BM049677.D
Acq: 28 Feb 2025 13:54

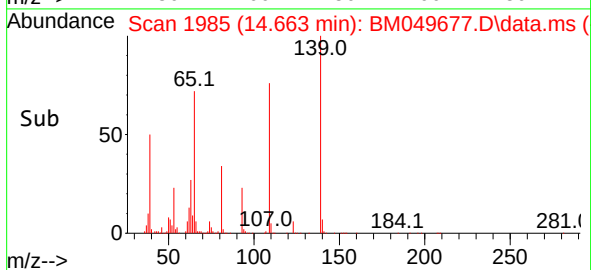
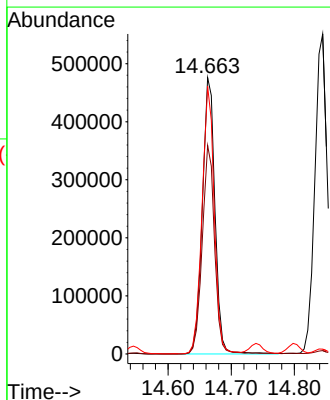
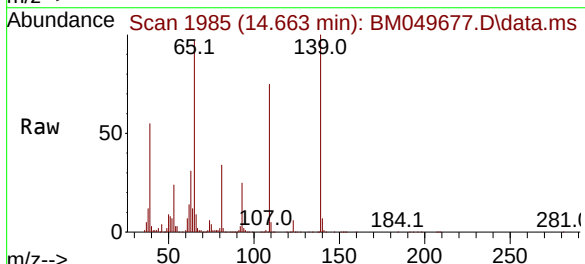
Instrument :
BNA_M
ClientSampleId :
PB166930BS

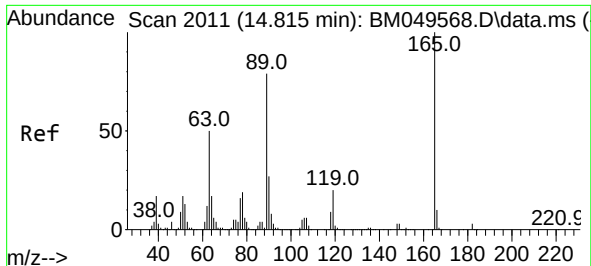
Tgt Ion:168 Resp: 2203702
Ion Ratio Lower Upper
168 100
139 34.3 28.4 42.6
169 13.3 10.8 16.2



#56
4-Nitrophenol
Concen: 109.991 ng
RT: 14.663 min Scan# 1985
Delta R.T. 0.012 min
Lab File: BM049677.D
Acq: 28 Feb 2025 13:54

Tgt Ion:139 Resp: 658748
Ion Ratio Lower Upper
139 100
109 75.5 61.4 101.4
65 96.9 85.6 125.6

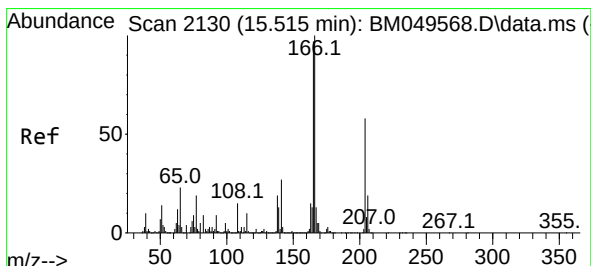
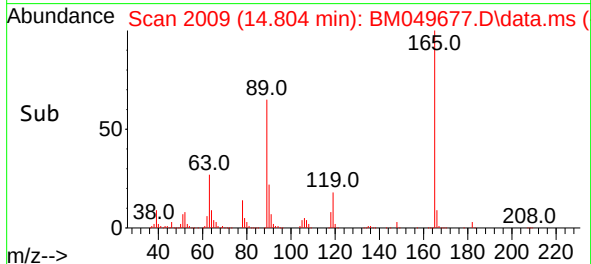
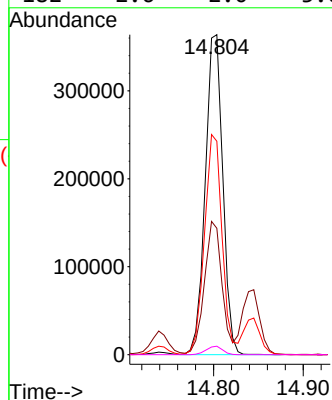
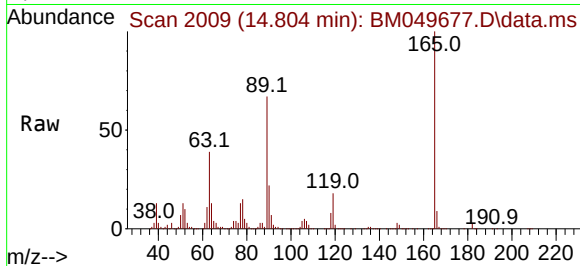




#57
2,4-Dinitrotoluene
Concen: 50.038 ng
RT: 14.804 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BM049677.D
Acq: 28 Feb 2025 13:54

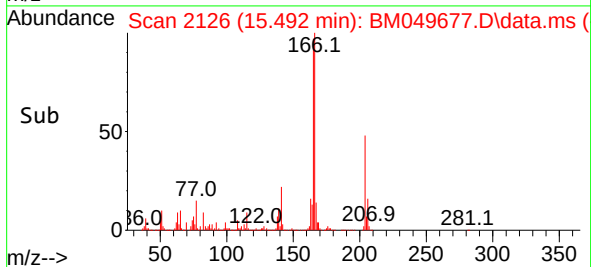
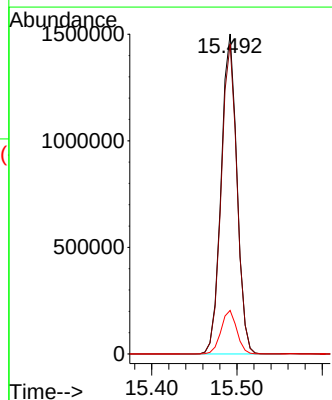
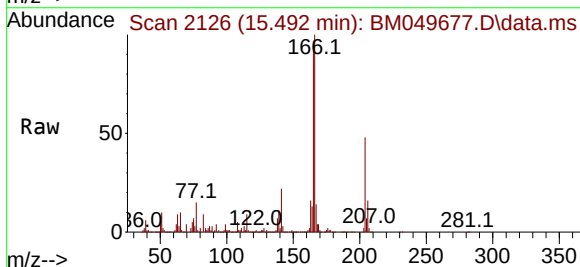
Instrument :
BNA_M
ClientSampleId :
PB166930BS

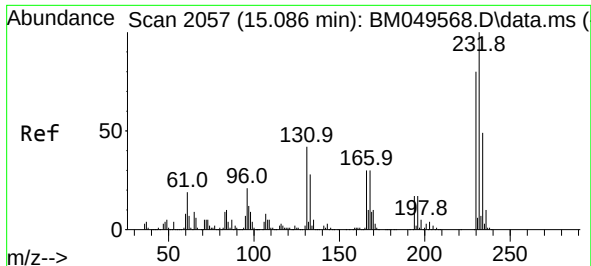
Tgt Ion:165 Resp: 493647
Ion Ratio Lower Upper
165 100
63 39.5 39.8 59.6#
89 66.7 63.5 95.3
182 2.6 2.0 3.0



#58
Fluorene
Concen: 43.668 ng
RT: 15.492 min Scan# 2126
Delta R.T. -0.024 min
Lab File: BM049677.D
Acq: 28 Feb 2025 13:54

Tgt Ion:166 Resp: 1929626
Ion Ratio Lower Upper
166 100
165 96.9 77.7 116.5
167 13.6 10.7 16.1

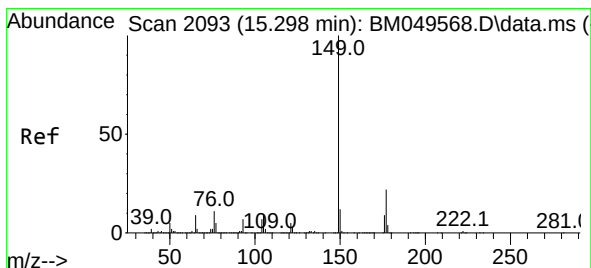
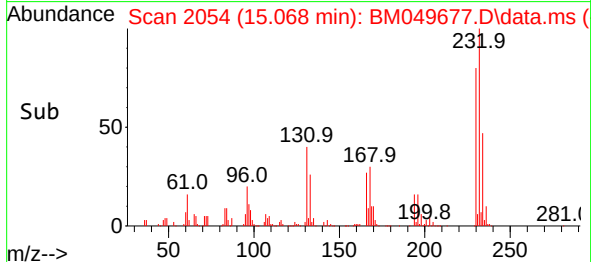
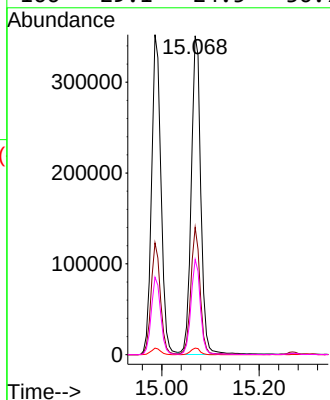
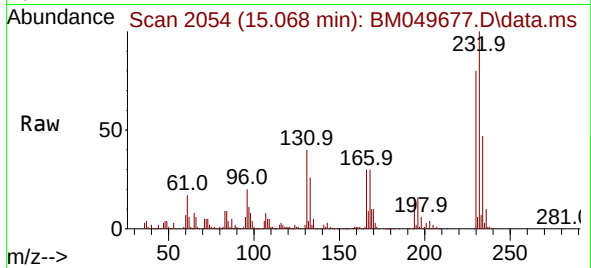




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.244 ng
RT: 15.068 min Scan# 2054
Delta R.T. -0.018 min
Lab File: BM049677.D
Acq: 28 Feb 2025 13:54

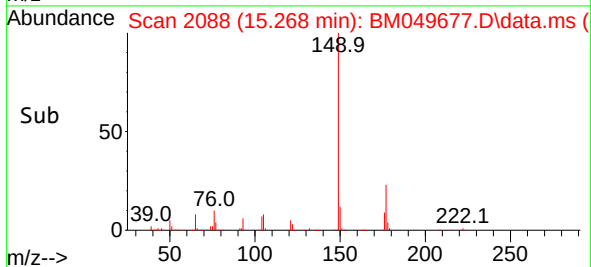
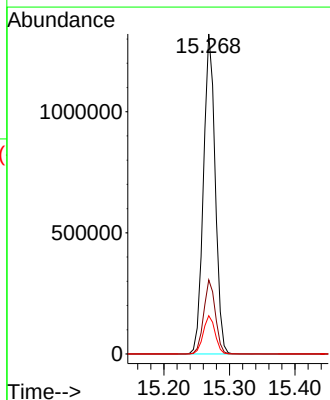
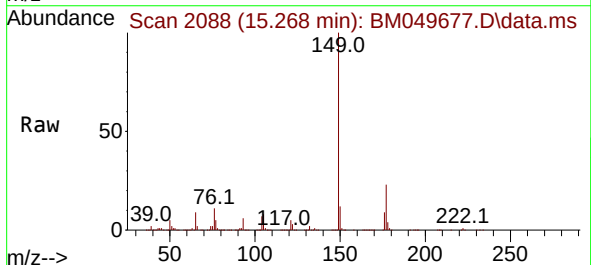
Instrument :
BNA_M
ClientSampleId :
PB166930BS

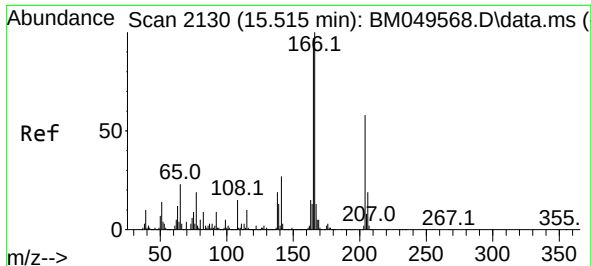
Tgt Ion:232 Resp: 479343
Ion Ratio Lower Upper
232 100
131 38.6 34.5 51.7
130 2.1 1.9 2.9
166 29.1 24.5 36.7



#60
Diethylphthalate
Concen: 40.611 ng
RT: 15.268 min Scan# 2088
Delta R.T. -0.029 min
Lab File: BM049677.D
Acq: 28 Feb 2025 13:54

Tgt Ion:149 Resp: 1645936
Ion Ratio Lower Upper
149 100
177 23.1 18.0 27.0
150 12.0 9.7 14.5

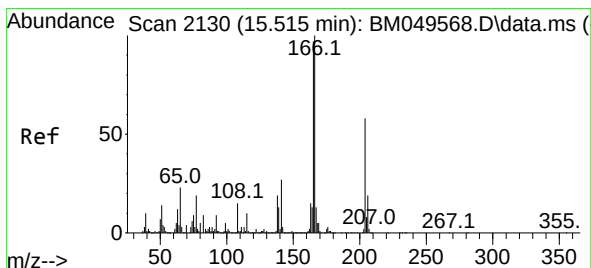
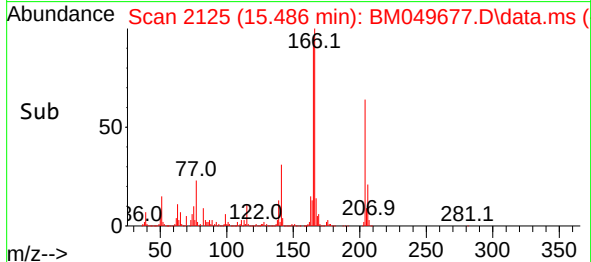
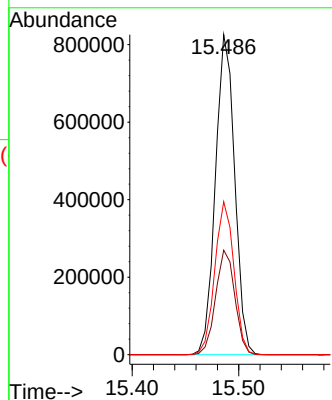
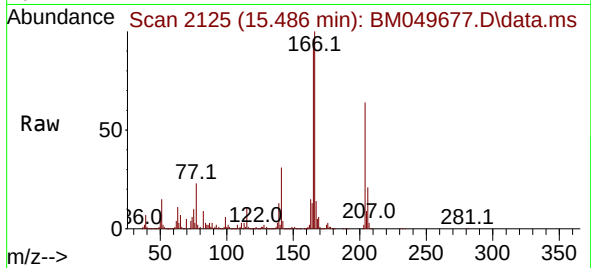




#61
4-Chlorophenyl-phenylether
Concen: 44.112 ng
RT: 15.486 min Scan# 2125
Delta R.T. -0.029 min
Lab File: BM049677.D
Acq: 28 Feb 2025 13:54

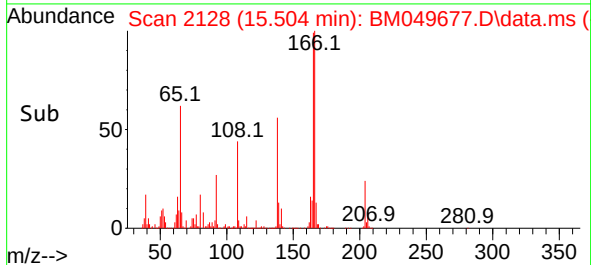
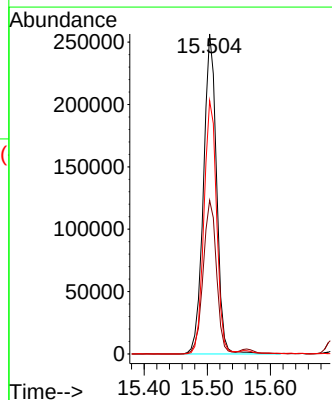
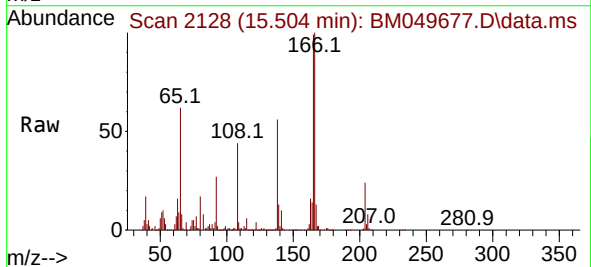
Instrument :
BNA_M
ClientSampleId :
PB166930BS

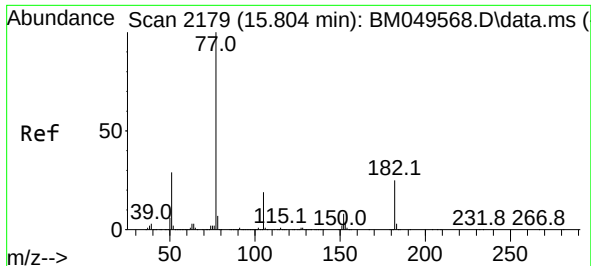
Tgt Ion:204 Resp: 1037480
Ion Ratio Lower Upper
204 100
206 32.7 26.0 39.0
141 47.8 37.1 55.7



#62
4-Nitroaniline
Concen: 41.024 ng
RT: 15.504 min Scan# 2128
Delta R.T. -0.012 min
Lab File: BM049677.D
Acq: 28 Feb 2025 13:54

Tgt Ion:138 Resp: 371008
Ion Ratio Lower Upper
138 100
92 48.0 29.3 69.3
108 79.2 60.1 100.1

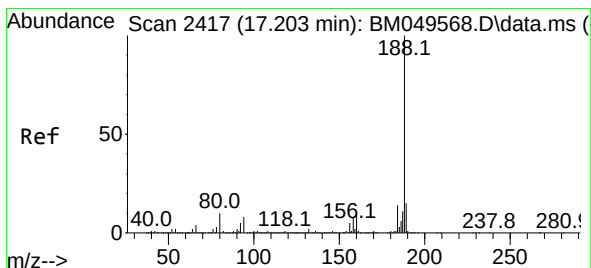
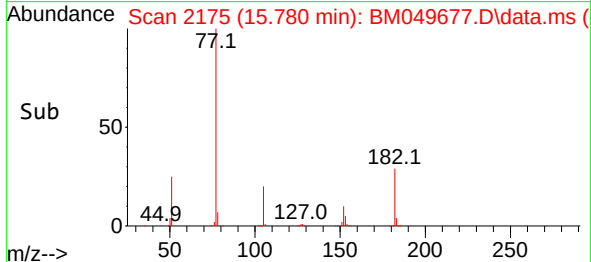
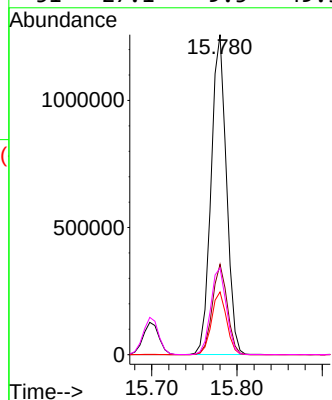
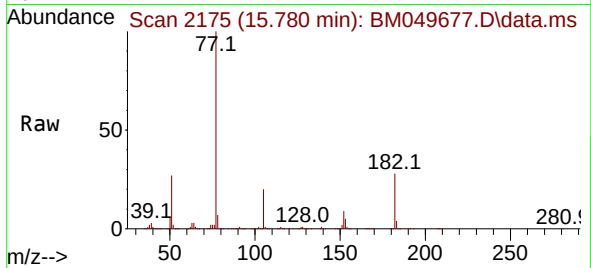




#63
Azobenzene
Concen: 37.105 ng
RT: 15.780 min Scan# 2179
Delta R.T. -0.024 min
Lab File: BM049677.D
Acq: 28 Feb 2025 13:54

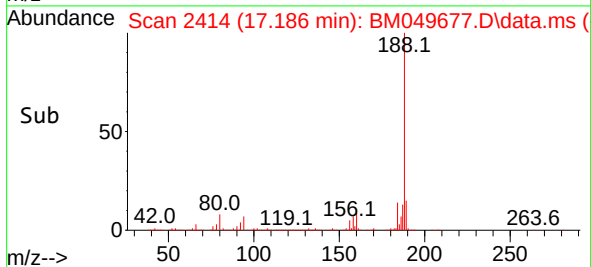
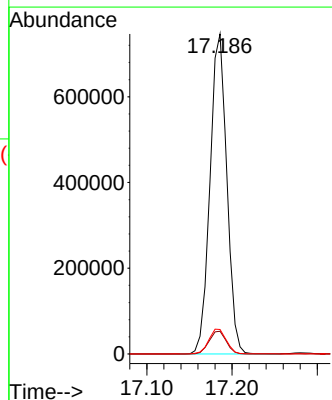
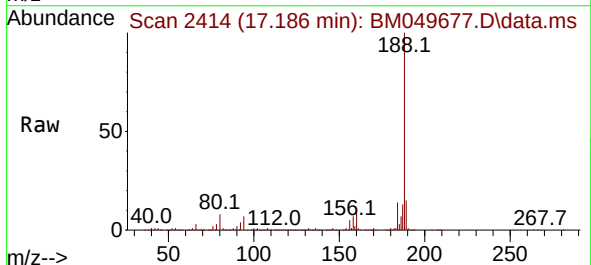
Instrument :
BNA_M
ClientSampleId :
PB166930BS

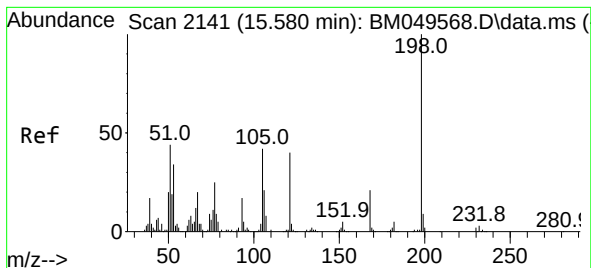
Tgt Ion: 77 Resp: 1569658
Ion Ratio Lower Upper
77 100
182 28.3 4.7 44.7
105 19.6 0.0 39.3
51 27.1 9.5 49.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.186 min Scan# 2414
Delta R.T. -0.018 min
Lab File: BM049677.D
Acq: 28 Feb 2025 13:54

Tgt Ion:188 Resp: 1022862
Ion Ratio Lower Upper
188 100
94 7.1 6.7 10.1
80 7.7 7.7 11.5

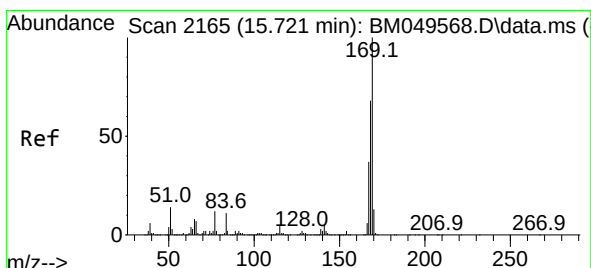
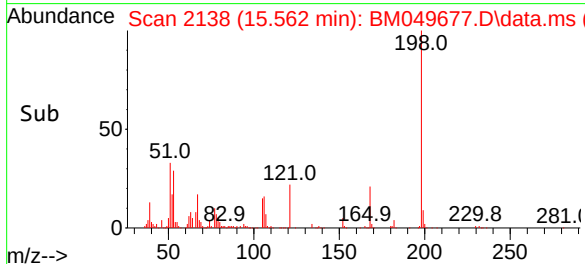
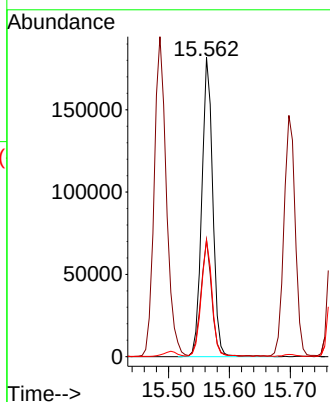
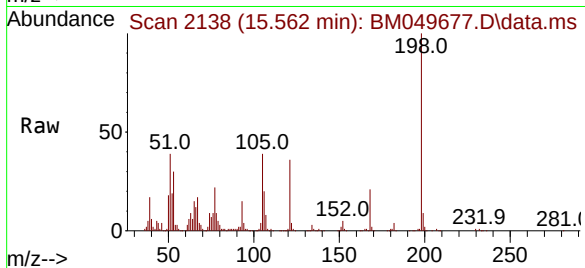




#65
4,6-Dinitro-2-methylphenol
Concen: 65.071 ng
RT: 15.562 min Scan# 2141
Delta R.T. -0.018 min
Lab File: BM049677.D
Acq: 28 Feb 2025 13:54

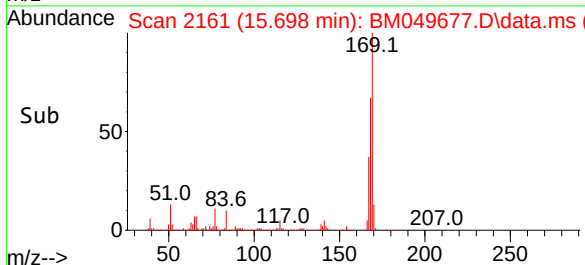
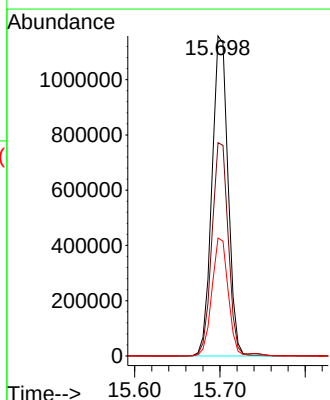
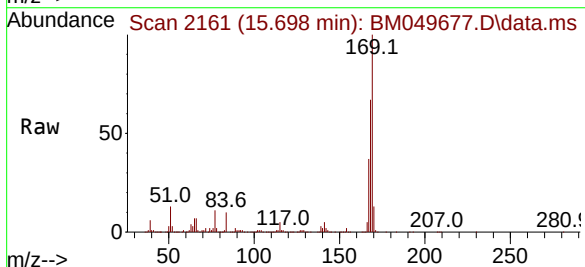
Instrument :
BNA_M
ClientSampleId :
PB166930BS

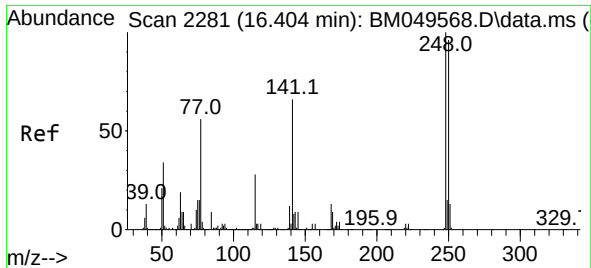
Tgt Ion:198 Resp: 226892
Ion Ratio Lower Upper
198 100
51 39.1 26.9 66.9
105 39.0 22.8 62.8



#66
n-Nitrosodiphenylamine
Concen: 46.984 ng
RT: 15.698 min Scan# 2161
Delta R.T. -0.024 min
Lab File: BM049677.D
Acq: 28 Feb 2025 13:54

Tgt Ion:169 Resp: 1515622
Ion Ratio Lower Upper
169 100
168 66.7 54.2 81.4
167 36.9 29.5 44.3

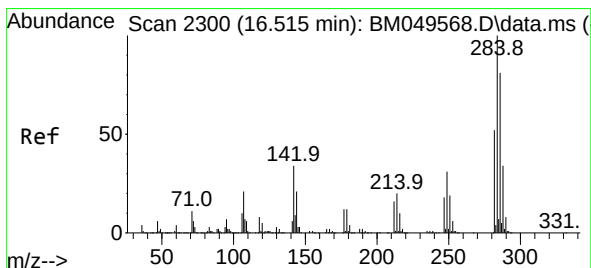
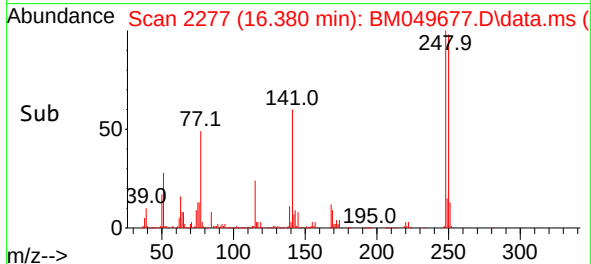
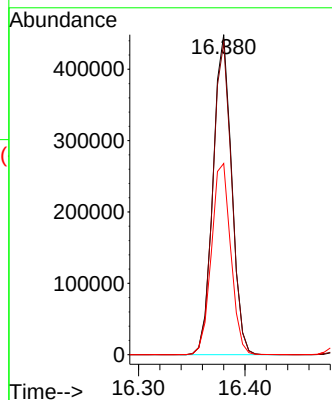
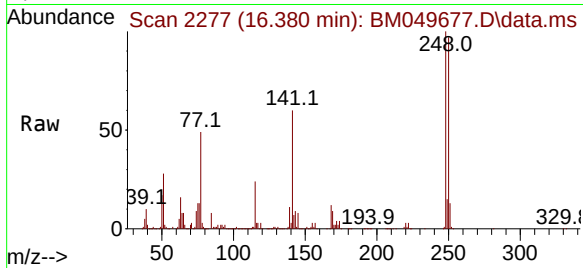




#67
4-Bromophenyl-phenylether
Concen: 45.774 ng
RT: 16.380 min Scan# 21
Delta R.T. -0.024 min
Lab File: BM049677.D
Acq: 28 Feb 2025 13:54

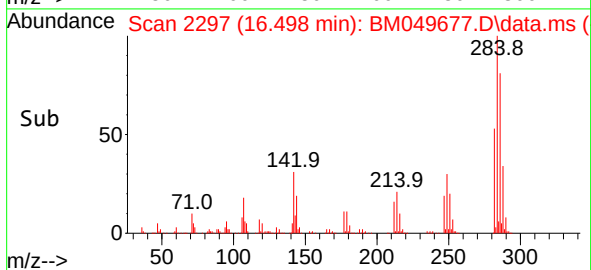
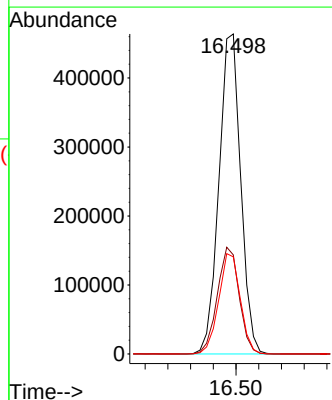
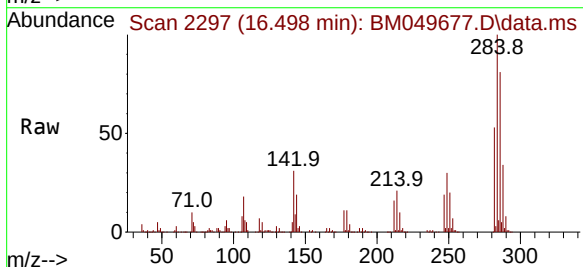
Instrument :
BNA_M
ClientSampleId :
PB166930BS

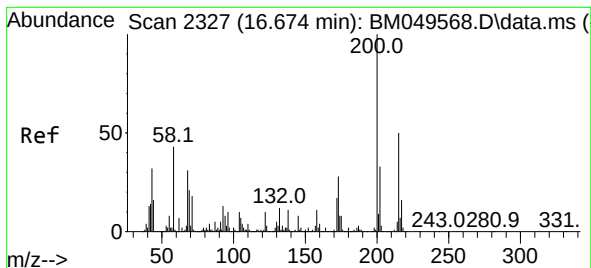
Tgt Ion:248 Resp: 543936
Ion Ratio Lower Upper
248 100
250 97.5 77.0 115.4
141 59.7 53.0 79.4



#68
Hexachlorobenzene
Concen: 45.311 ng
RT: 16.498 min Scan# 2297
Delta R.T. -0.018 min
Lab File: BM049677.D
Acq: 28 Feb 2025 13:54

Tgt Ion:284 Resp: 617987
Ion Ratio Lower Upper
284 100
142 30.9 27.1 40.7
249 30.4 24.6 36.8





#69

Atrazine

Concen: 58.638 ng

RT: 16.651 min Scan# 21

Delta R.T. -0.024 min

Lab File: BM049677.D

Acq: 28 Feb 2025 13:54

Instrument :

BNA_M

ClientSampleId :

PB166930BS

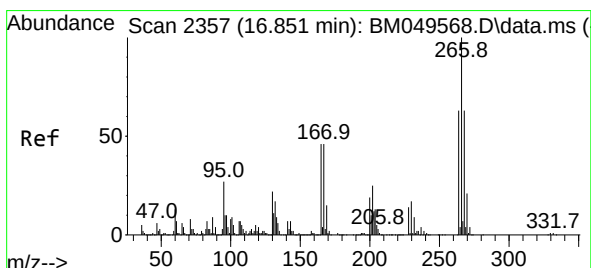
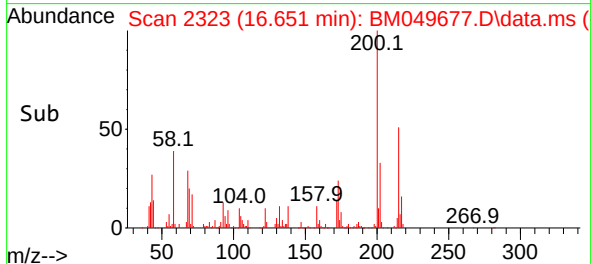
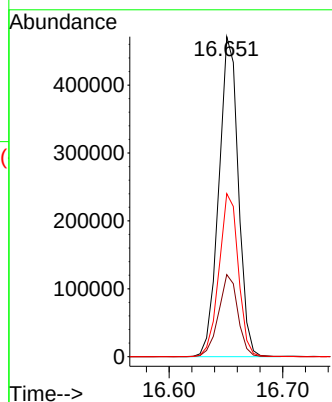
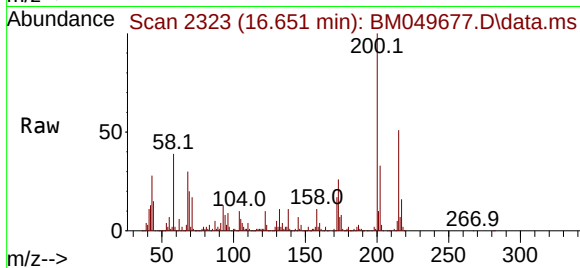
Tgt Ion:200 Resp: 562280

Ion Ratio Lower Upper

200 100

173 25.7 7.6 47.6

215 51.0 30.2 70.2



#70

Pentachlorophenol

Concen: 92.165 ng

RT: 16.839 min Scan# 2355

Delta R.T. -0.012 min

Lab File: BM049677.D

Acq: 28 Feb 2025 13:54

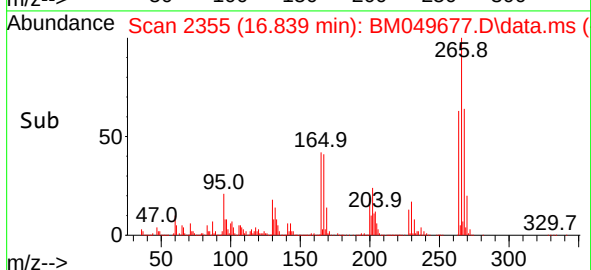
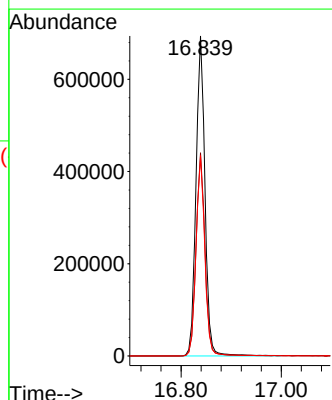
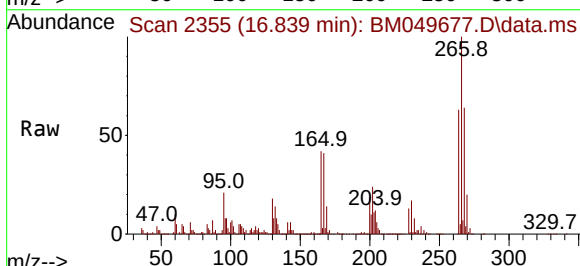
Tgt Ion:266 Resp: 860362

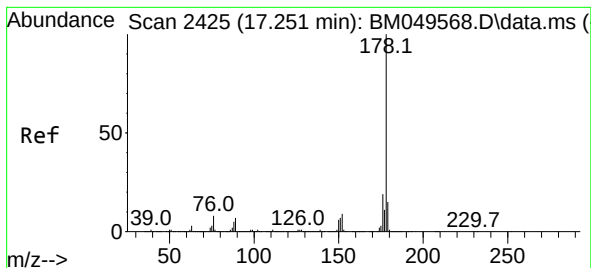
Ion Ratio Lower Upper

266 100

268 63.5 50.8 76.2

264 62.6 50.0 75.0





#71

Phenanthrene

Concen: 46.398 ng

RT: 17.227 min Scan# 2425

Delta R.T. -0.024 min

Lab File: BM049677.D

Acq: 28 Feb 2025 13:54

Instrument :

BNA_M

ClientSampleId :

PB166930BS

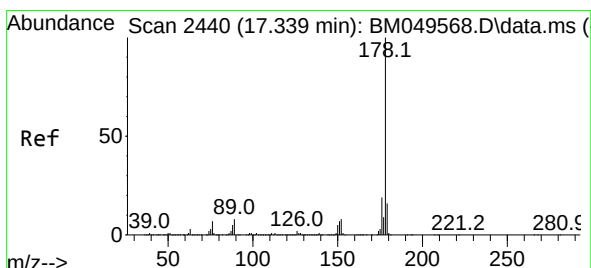
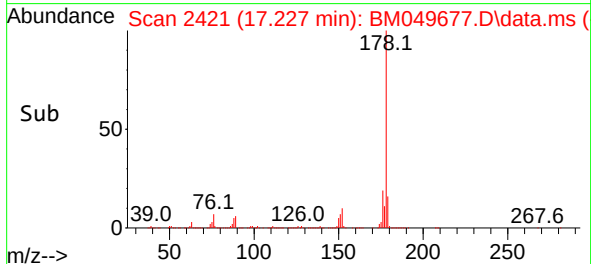
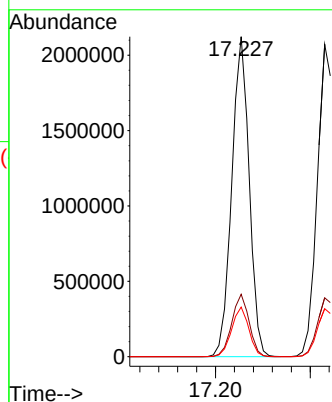
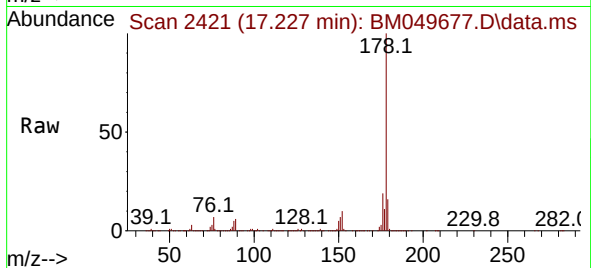
Tgt Ion:178 Resp: 2703682

Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

179 15.5 12.2 18.2



#72

Anthracene

Concen: 47.088 ng

RT: 17.315 min Scan# 2436

Delta R.T. -0.024 min

Lab File: BM049677.D

Acq: 28 Feb 2025 13:54

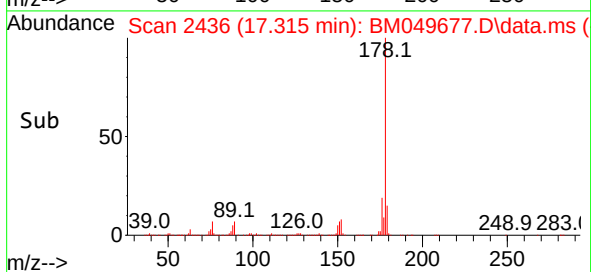
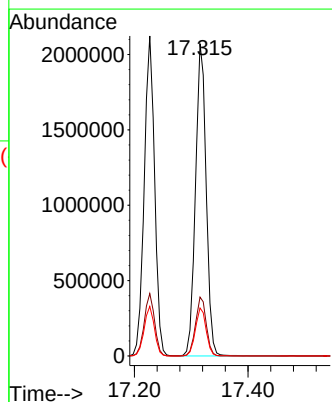
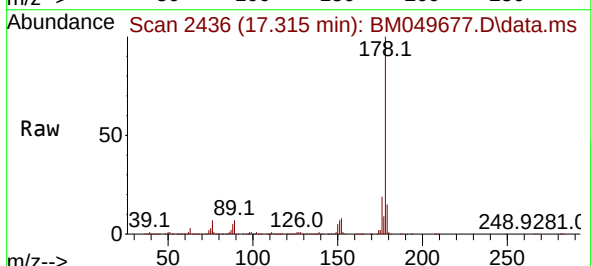
Tgt Ion:178 Resp: 2716928

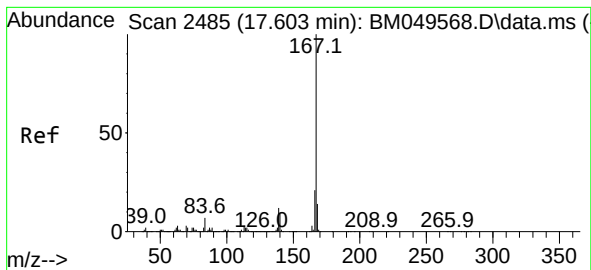
Ion Ratio Lower Upper

178 100

176 18.9 15.2 22.8

179 15.3 12.4 18.6





#73

Carbazole

Concen: 47.447 ng

RT: 17.586 min Scan# 24

Delta R.T. -0.018 min

Lab File: BM049677.D

Acq: 28 Feb 2025 13:54

Instrument :

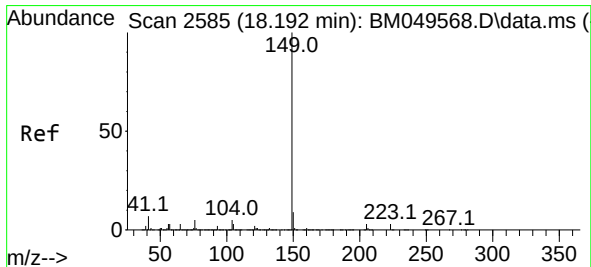
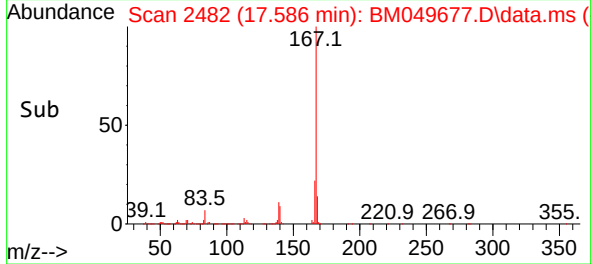
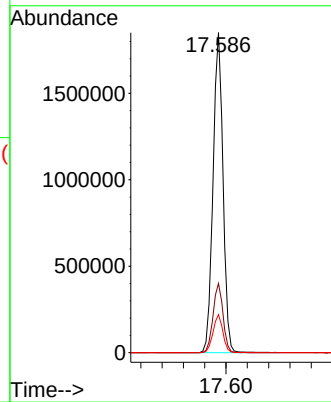
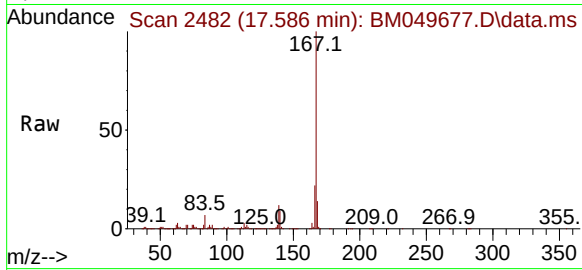
BNA_M

ClientSampleId :

PB166930BS

Tgt Ion:167 Resp: 2402805

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.2	25.8
139	11.9	9.6	14.4



#74

Di-n-butylphthalate

Concen: 41.502 ng

RT: 18.156 min Scan# 2579

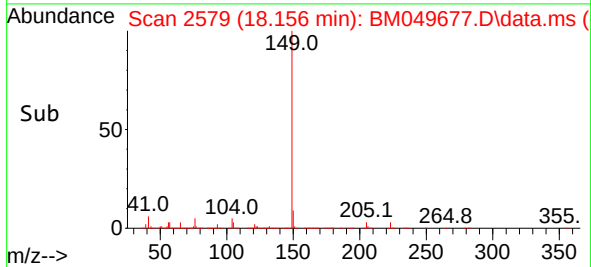
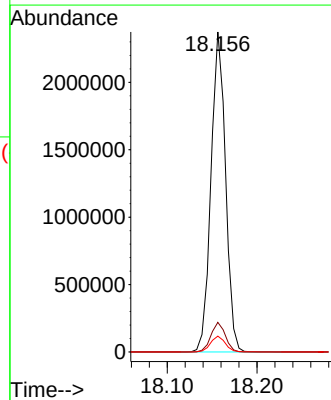
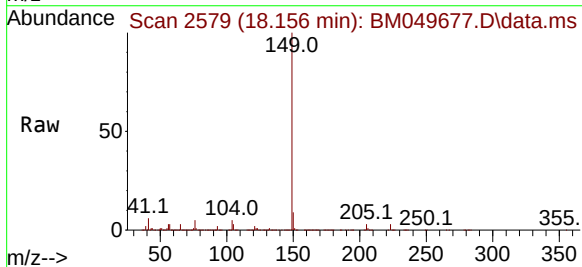
Delta R.T. -0.035 min

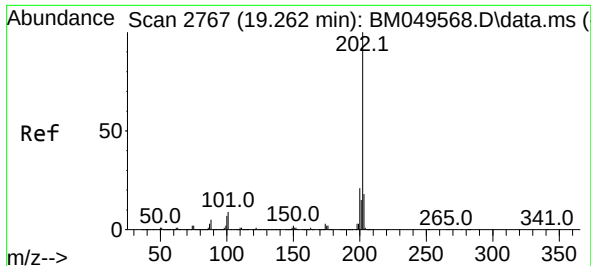
Lab File: BM049677.D

Acq: 28 Feb 2025 13:54

Tgt Ion:149 Resp: 2666856

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.0	4.1	6.1

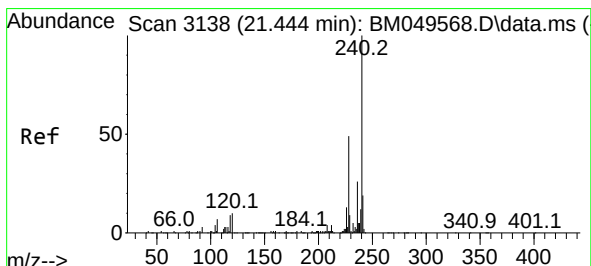
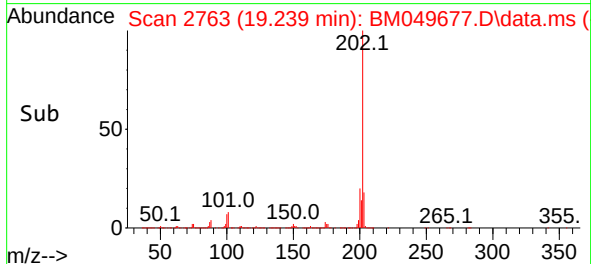
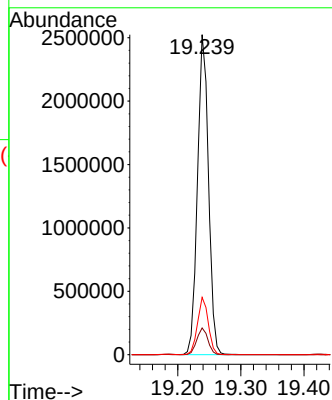
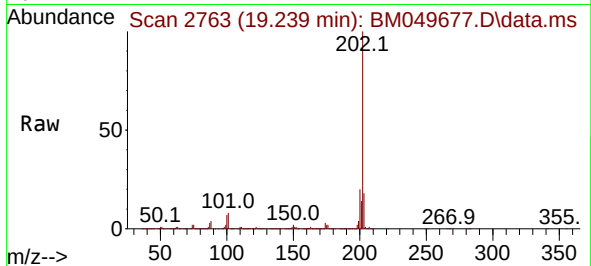




#75
Fluoranthene
Concen: 44.657 ng
RT: 19.239 min Scan# 21
Delta R.T. -0.024 min
Lab File: BM049677.D
Acq: 28 Feb 2025 13:54

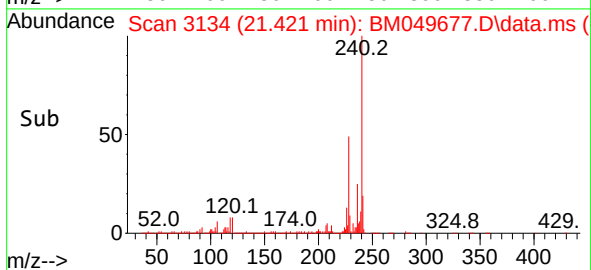
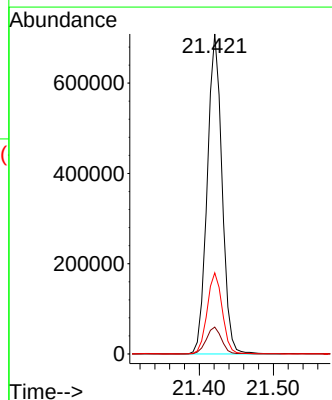
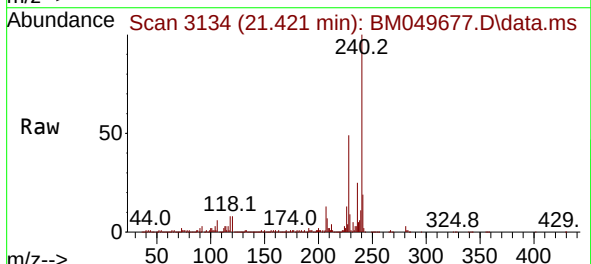
Instrument :
BNA_M
ClientSampleId :
PB166930BS

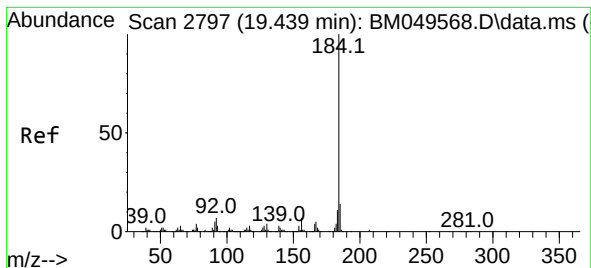
Tgt Ion:202 Resp: 3046620
Ion Ratio Lower Upper
202 100
101 8.4 0.0 29.1
203 17.9 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 3134
Delta R.T. -0.024 min
Lab File: BM049677.D
Acq: 28 Feb 2025 13:54

Tgt Ion:240 Resp: 981817
Ion Ratio Lower Upper
240 100
120 8.4 7.8 11.8
236 25.4 20.6 31.0





#77

Benzidine

Concen: 126.934 ng

RT: 19.421 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM049677.D

Acq: 28 Feb 2025 13:54

Instrument :

BNA_M

ClientSampleId :

PB166930BS

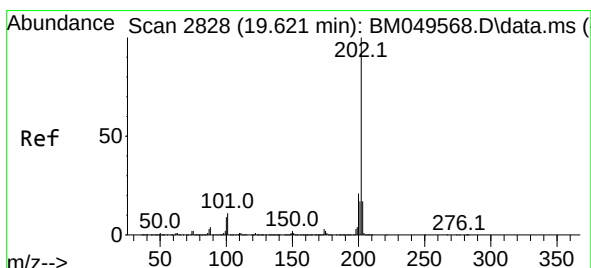
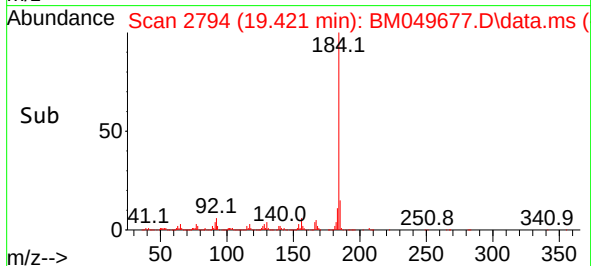
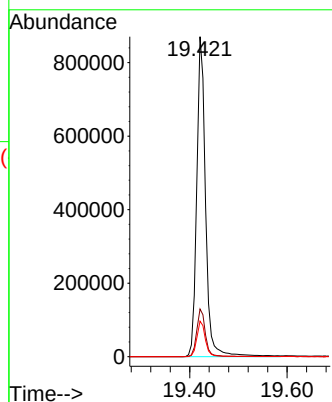
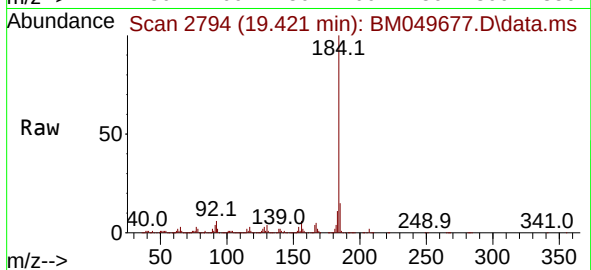
Tgt Ion:184 Resp: 1103629

Ion Ratio Lower Upper

184 100

185 14.9 11.6 17.4

183 11.1 8.9 13.3



#78

Pyrene

Concen: 43.646 ng

RT: 19.603 min Scan# 2825

Delta R.T. -0.018 min

Lab File: BM049677.D

Acq: 28 Feb 2025 13:54

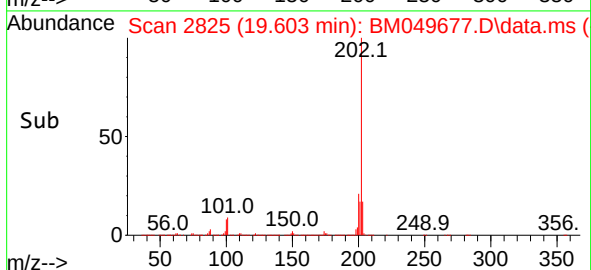
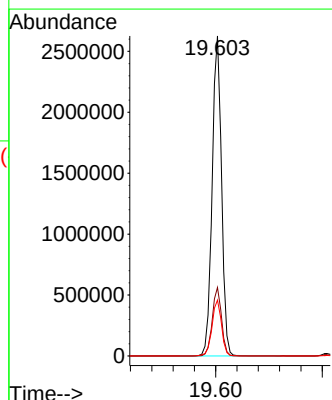
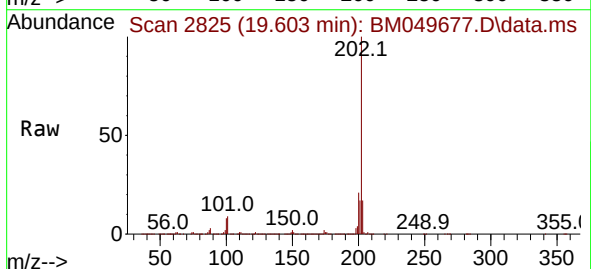
Tgt Ion:202 Resp: 3208636

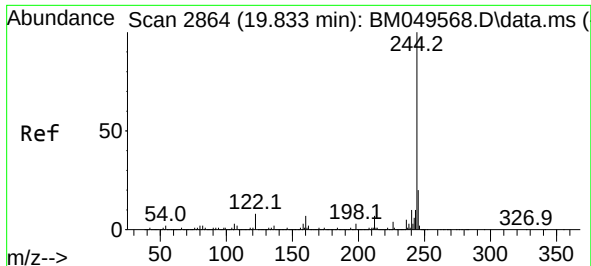
Ion Ratio Lower Upper

202 100

200 21.4 16.8 25.2

203 17.5 13.8 20.8

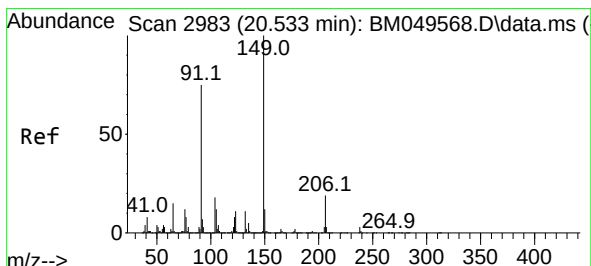
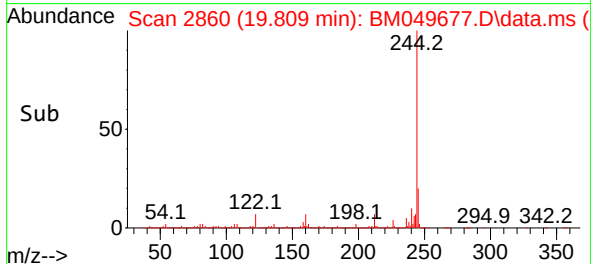
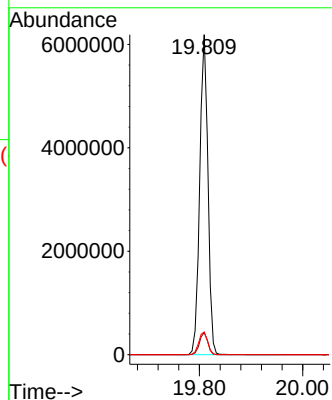
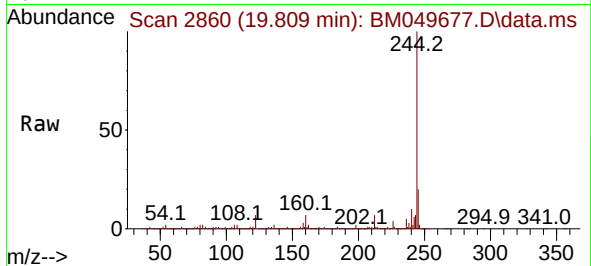




#79
 Terphenyl-d14
 Concen: 105.697 ng
 RT: 19.809 min Scan# 21
 Delta R.T. -0.024 min
 Lab File: BM049677.D
 Acq: 28 Feb 2025 13:54

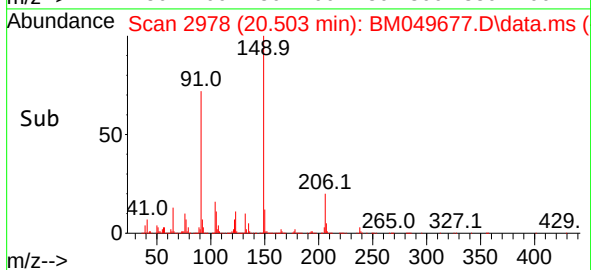
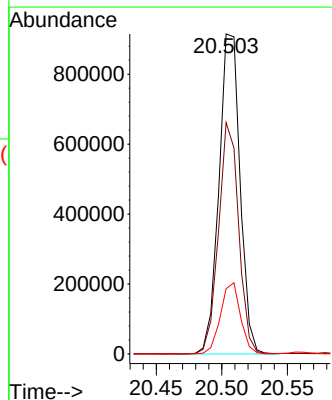
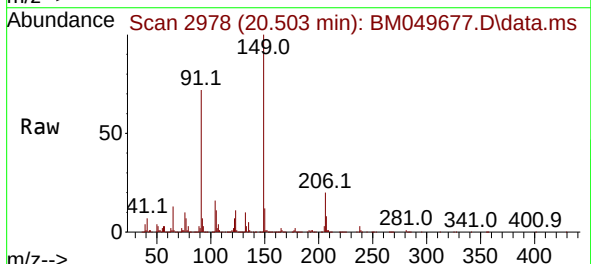
Instrument :
 BNA_M
 ClientSampleId :
 PB166930BS

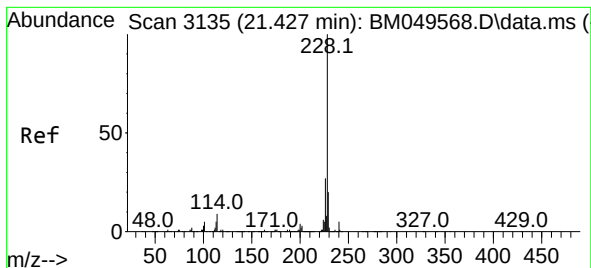
Tgt Ion:244 Resp: 6795820
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 7.1 6.2 9.2



#80
 Butylbenzylphthalate
 Concen: 44.782 ng
 RT: 20.503 min Scan# 2978
 Delta R.T. -0.029 min
 Lab File: BM049677.D
 Acq: 28 Feb 2025 13:54

Tgt Ion:149 Resp: 1024422
 Ion Ratio Lower Upper
 149 100
 91 72.3 60.2 90.2
 206 20.4 15.4 23.0





#81

Benzo(a)anthracene

Concen: 46.657 ng

RT: 21.403 min Scan# 3118

Delta R.T. -0.024 min

Lab File: BM049677.D

Acq: 28 Feb 2025 13:54

Instrument :

BNA_M

ClientSampleId :

PB166930BS

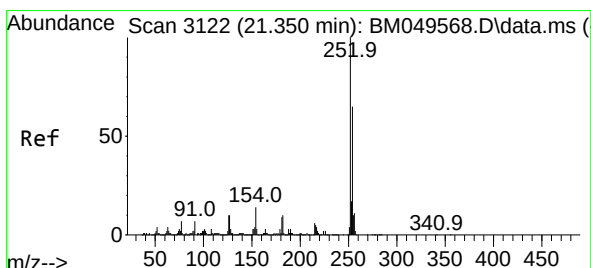
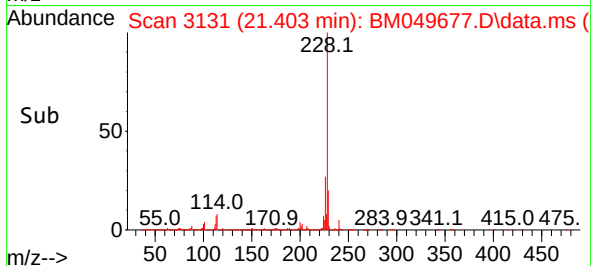
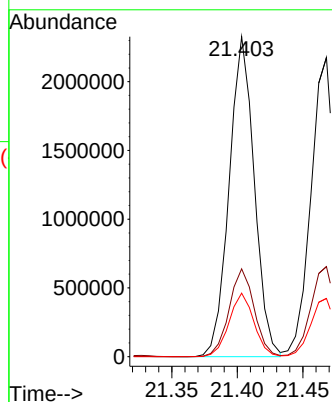
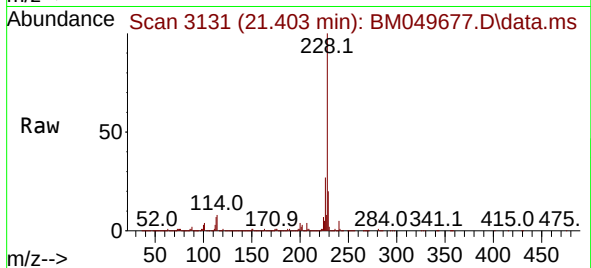
Tgt Ion:228 Resp: 3104554

Ion Ratio Lower Upper

228 100

226 27.4 22.0 33.0

229 19.8 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 40.387 ng

RT: 21.327 min Scan# 3118

Delta R.T. -0.024 min

Lab File: BM049677.D

Acq: 28 Feb 2025 13:54

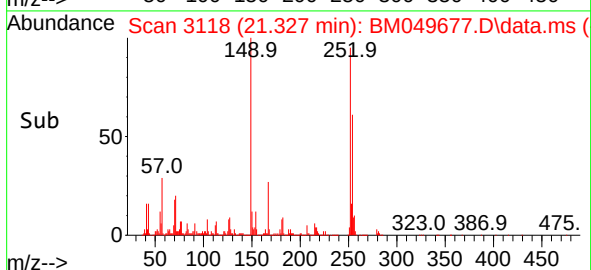
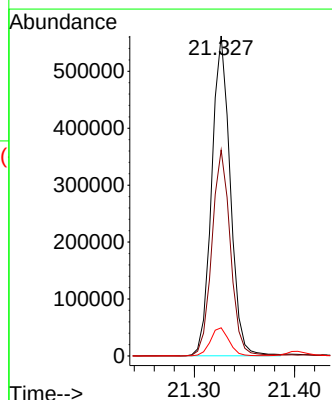
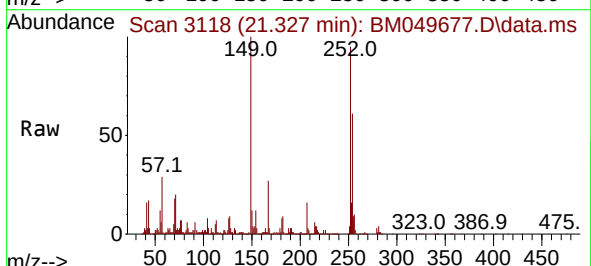
Tgt Ion:252 Resp: 723140

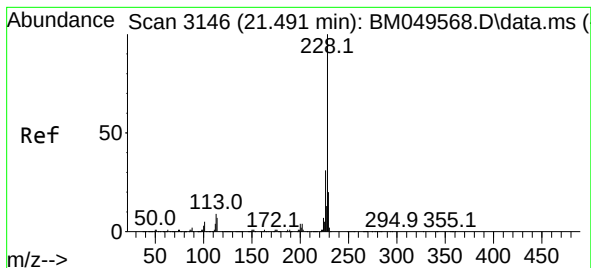
Ion Ratio Lower Upper

252 100

254 64.3 52.1 78.1

126 8.8 7.8 11.6





#83

Chrysene

Concen: 46.529 ng

RT: 21.468 min Scan# 31

Delta R.T. -0.024 min

Lab File: BM049677.D

Acq: 28 Feb 2025 13:54

Instrument :

BNA_M

ClientSampleId :

PB166930BS

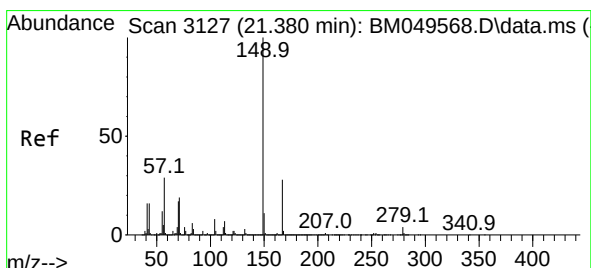
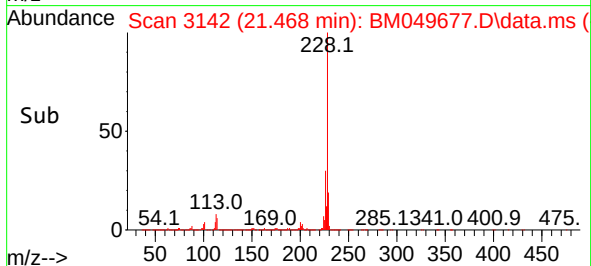
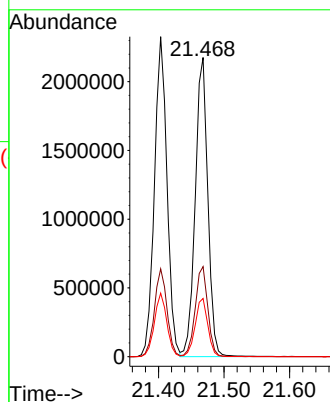
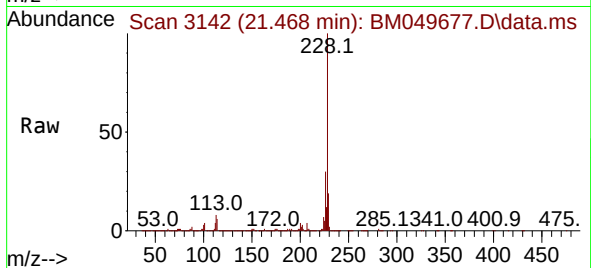
Tgt Ion:228 Resp: 2900683

Ion Ratio Lower Upper

228 100

226 30.1 24.5 36.7

229 19.5 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.141 ng

RT: 21.339 min Scan# 3120

Delta R.T. -0.041 min

Lab File: BM049677.D

Acq: 28 Feb 2025 13:54

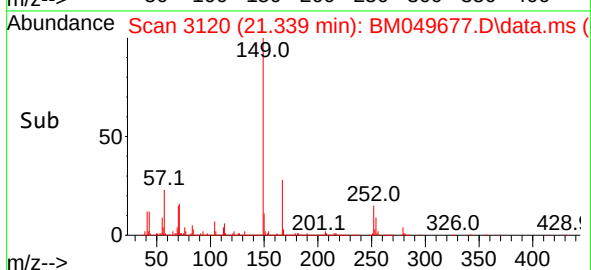
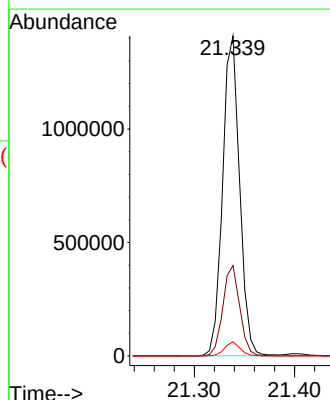
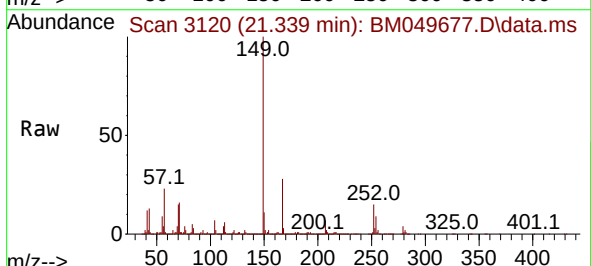
Tgt Ion:149 Resp: 1652584

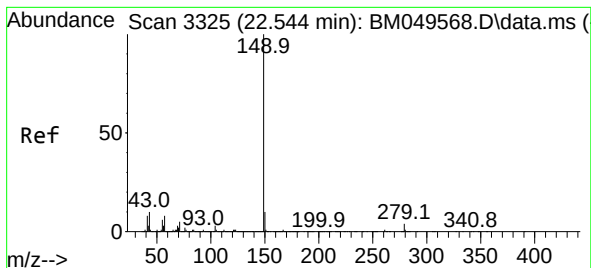
Ion Ratio Lower Upper

149 100

167 28.3 22.1 33.1

279 4.4 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 39.976 ng

RT: 22.480 min Scan# 31

Delta R.T. -0.065 min

Lab File: BM049677.D

Acq: 28 Feb 2025 13:54

Instrument :

BNA_M

ClientSampleId :

PB166930BS

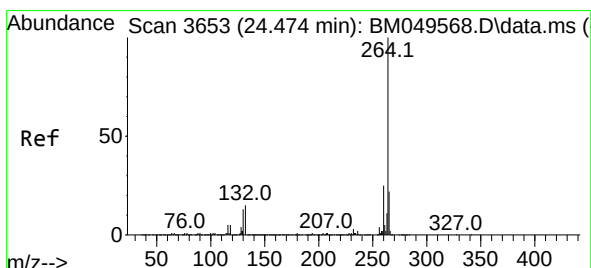
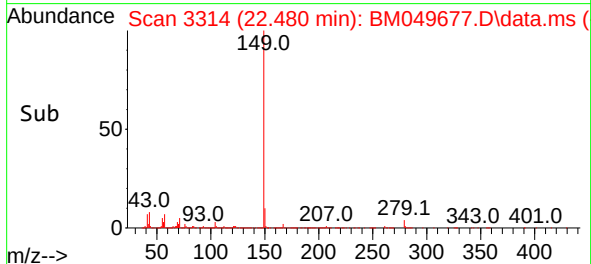
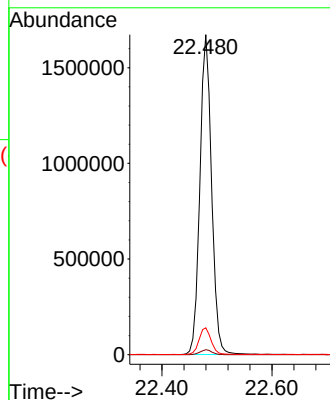
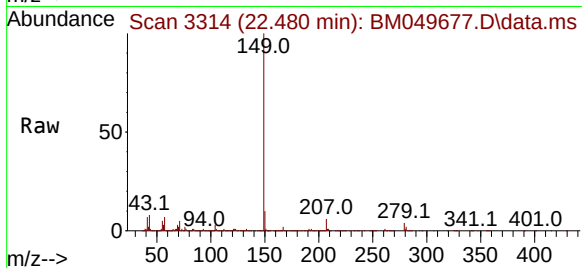
Tgt Ion:149 Resp: 2473204

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 8.6 8.5 12.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.438 min Scan# 3647

Delta R.T. -0.035 min

Lab File: BM049677.D

Acq: 28 Feb 2025 13:54

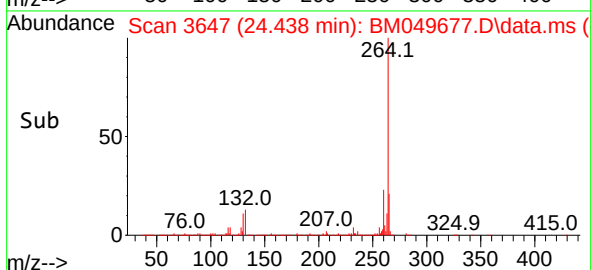
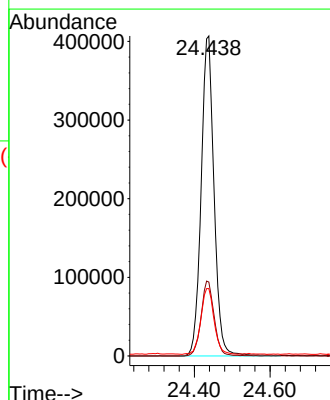
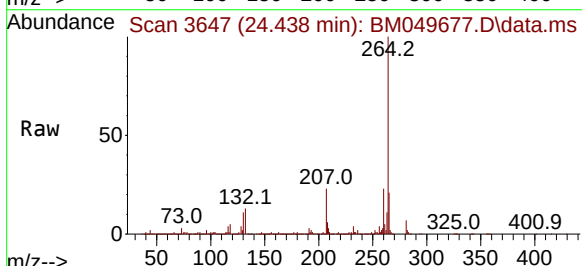
Tgt Ion:264 Resp: 960078

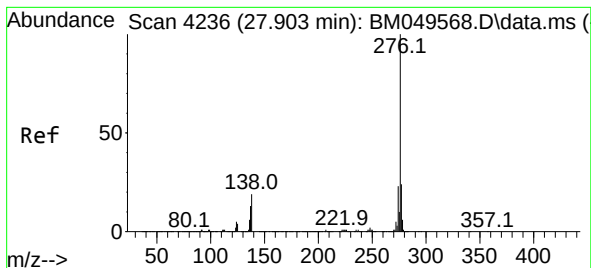
Ion Ratio Lower Upper

264 100

260 23.1 19.8 29.6

265 21.1 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 69.611 ng

RT: 27.844 min Scan# 41

Delta R.T. -0.059 min

Lab File: BM049677.D

Acq: 28 Feb 2025 13:54

Instrument :

BNA_M

ClientSampleId :

PB166930BS

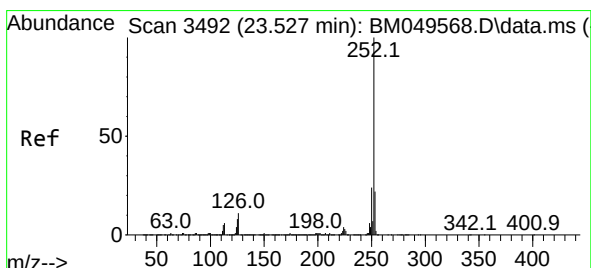
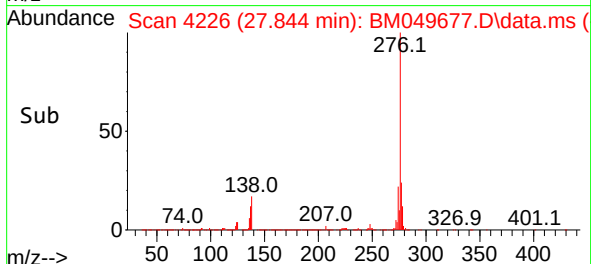
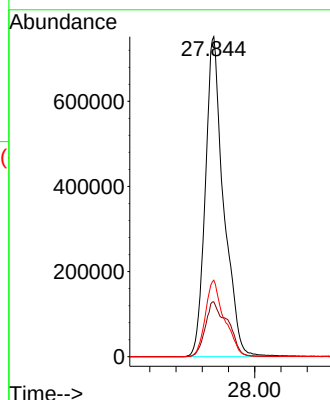
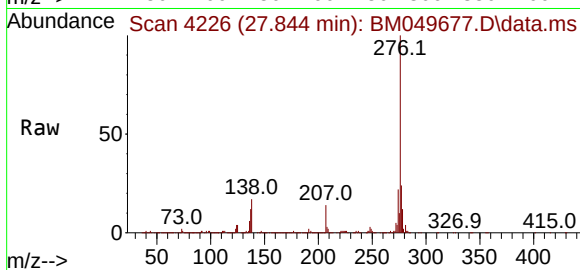
Tgt Ion:276 Resp: 3649843

Ion Ratio Lower Upper

276 100

138 21.0 13.1 19.7#

277 24.9 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 42.953 ng

RT: 23.485 min Scan# 3485

Delta R.T. -0.041 min

Lab File: BM049677.D

Acq: 28 Feb 2025 13:54

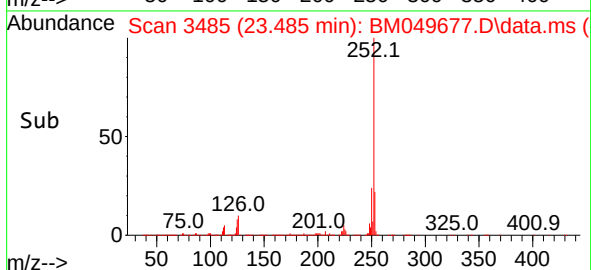
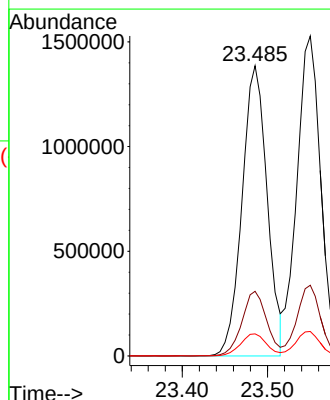
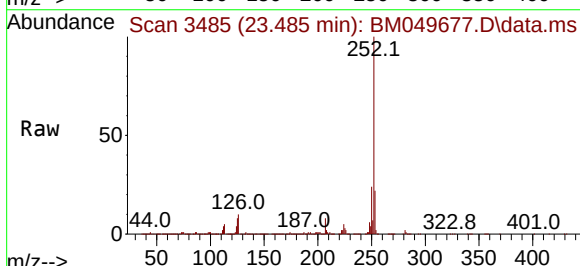
Tgt Ion:252 Resp: 2836916

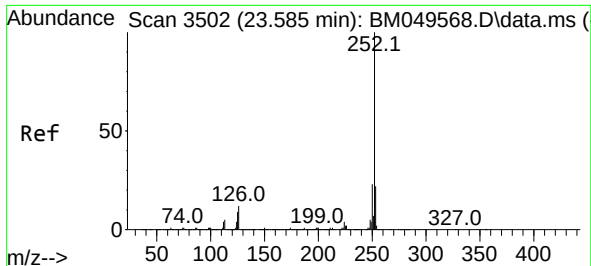
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

125 7.6 6.6 10.0

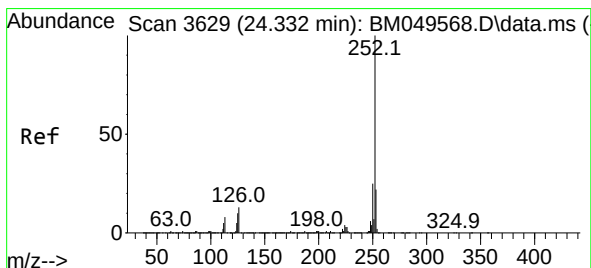
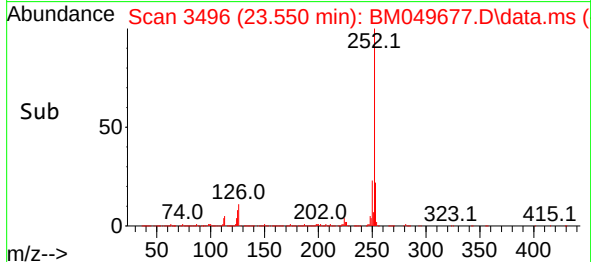
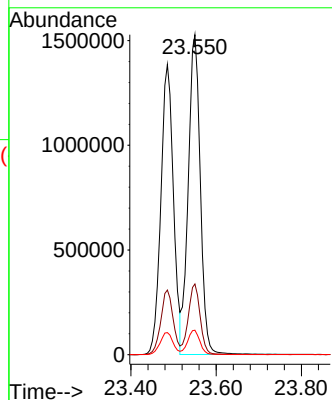
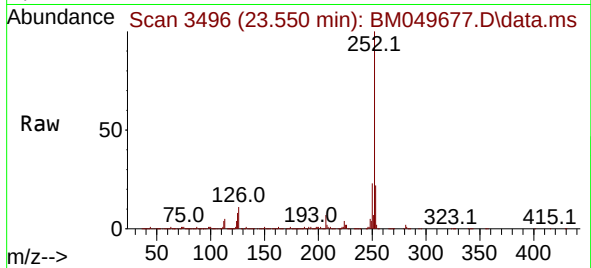




#89
Benzo(k)fluoranthene
Concen: 46.757 ng
RT: 23.550 min Scan# 34
Delta R.T. -0.035 min
Lab File: BM049677.D
Acq: 28 Feb 2025 13:54

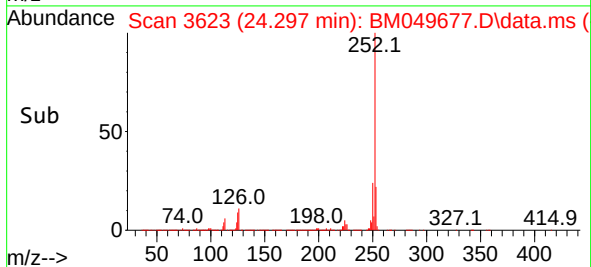
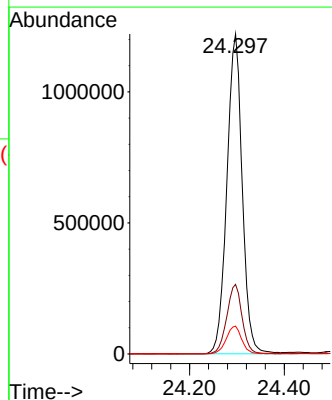
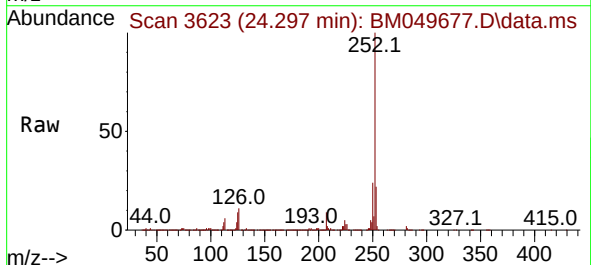
Instrument :
BNA_M
ClientSampleId :
PB166930BS

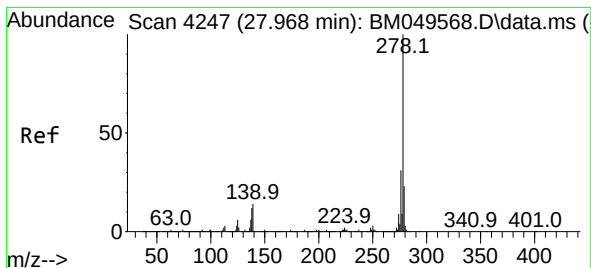
Tgt Ion:252 Resp: 2999427
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 7.7 7.0 10.6



#90
Benzo(a)pyrene
Concen: 52.402 ng
RT: 24.297 min Scan# 3623
Delta R.T. -0.035 min
Lab File: BM049677.D
Acq: 28 Feb 2025 13:54

Tgt Ion:252 Resp: 2742778
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 8.7 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 72.827 ng

RT: 27.897 min Scan# 41

Delta R.T. -0.071 min

Lab File: BM049677.D

Acq: 28 Feb 2025 13:54

Instrument :

BNA_M

ClientSampleId :

PB166930BS

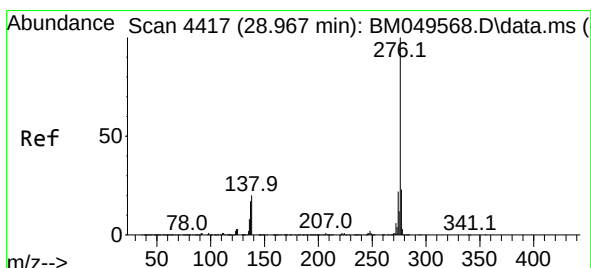
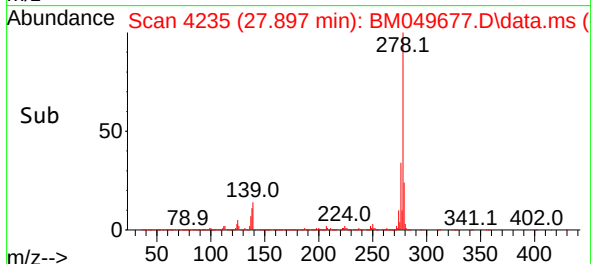
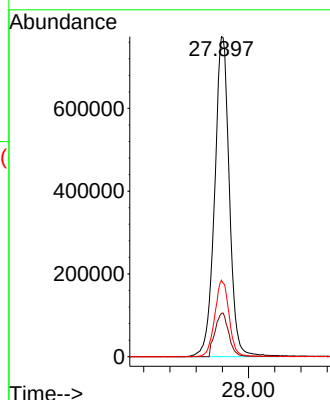
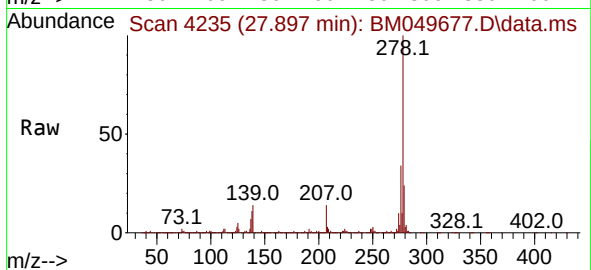
Tgt Ion:278 Resp: 3017882

Ion Ratio Lower Upper

278 100

139 13.6 11.5 17.3

279 23.9 18.2 27.2



#92

Benzo(g,h,i)perylene

Concen: 59.559 ng

RT: 28.903 min Scan# 4406

Delta R.T. -0.065 min

Lab File: BM049677.D

Acq: 28 Feb 2025 13:54

Tgt Ion:276 Resp: 2757025

Ion Ratio Lower Upper

276 100

277 23.6 18.7 28.1

138 18.5 16.0 24.0

