

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022825\
 Data File : BM049678.D
 Acq On : 28 Feb 2025 14:33
 Operator : RC/JU
 Sample : PB166933BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB166933BS

Quant Time: Feb 28 15:32:14 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	7.805	152	268342	20.000	ng	-0.02
21) Naphthalene-d8	10.599	136	912905	20.000	ng	-0.03
39) Acenaphthene-d10	14.445	164	538676	20.000	ng	-0.02
64) Phenanthrene-d10	17.186	188	982355	20.000	ng	-0.02
76) Chrysene-d12	21.421	240	942998	20.000	ng	-0.02
86) Perylene-d12	24.433	264	930406	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	1628736	97.605	ng	0.00
7) Phenol-d6	6.981	99	1977924	90.473	ng	0.00
23) Nitrobenzene-d5	8.963	82	1807684	101.853	ng	-0.02
42) 2,4,6-Tribromophenol	15.933	330	660737	103.517	ng	-0.02
45) 2-Fluorobiphenyl	13.069	172	4446509	106.933	ng	-0.02
79) Terphenyl-d14	19.810	244	6546627	106.013	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.281	88	289204	41.219	ng	95
3) Pyridine	3.681	79	712932	36.566	ng	95
4) n-Nitrosodimethylamine	3.587	42	346808	38.018	ng	89
6) Aniline	7.128	93	654862	31.605	ng	96
8) 2-Chlorophenol	7.375	128	705320	42.330	ng	96
9) Benzaldehyde	6.940	77	274895	23.747	ng	97
10) Phenol	7.005	94	905870	42.069	ng	99
11) bis(2-Chloroethyl)ether	7.228	93	716064	41.104	ng	99
12) 1,3-Dichlorobenzene	7.693	146	848684	43.881	ng	97
13) 1,4-Dichlorobenzene	7.840	146	856950	43.805	ng	98
14) 1,2-Dichlorobenzene	8.157	146	816031	43.201	ng	98
15) Benzyl Alcohol	8.046	79	590465	38.822	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.328	45	879783m	37.515	ng	
17) 2-Methylphenol	8.257	107	556214	42.245	ng	95
18) Hexachloroethane	8.887	117	310675	43.477	ng	96
19) n-Nitroso-di-n-propyla...	8.610	70	554050	38.701	ng	94
20) 3+4-Methylphenols	8.581	107	739342	42.537	ng	98
22) Acetophenone	8.622	105	1177810	47.901	ng	98
24) Nitrobenzene	8.999	77	767415	44.505	ng	99
25) Isophorone	9.528	82	1331200	41.590	ng	99
26) 2-Nitrophenol	9.710	139	316616	52.308	ng	97
27) 2,4-Dimethylphenol	9.781	122	544352	53.787	ng	98
28) bis(2-Chloroethoxy)met...	10.010	93	871668	42.283	ng	99
29) 2,4-Dichlorophenol	10.251	162	670709	48.122	ng	98
30) 1,2,4-Trichlorobenzene	10.463	180	795190	46.568	ng	98
31) Naphthalene	10.651	128	2037164	42.311	ng	100
32) Benzoic acid	9.910	122	358826	54.252	ng	99
33) 4-Chloroaniline	10.757	127	331031	18.369	ng	98
34) Hexachlorobutadiene	10.946	225	504382	49.325	ng	99
35) Caprolactam	11.540	113	176189	41.437	ng	91
36) 4-Chloro-3-methylphenol	11.893	107	576986	41.511	ng	95
37) 2-Methylnaphthalene	12.263	142	1384744	40.849	ng	100
38) 1-Methylnaphthalene	12.481	142	1346549	40.827	ng	99
40) 1,2,4,5-Tetrachloroben...	12.634	216	1046148	59.068	ng	99
41) Hexachlorocyclopentadiene	12.622	237	1300090	287.547	ng	98
43) 2,4,6-Trichlorophenol	12.875	196	519100	53.712	ng	97

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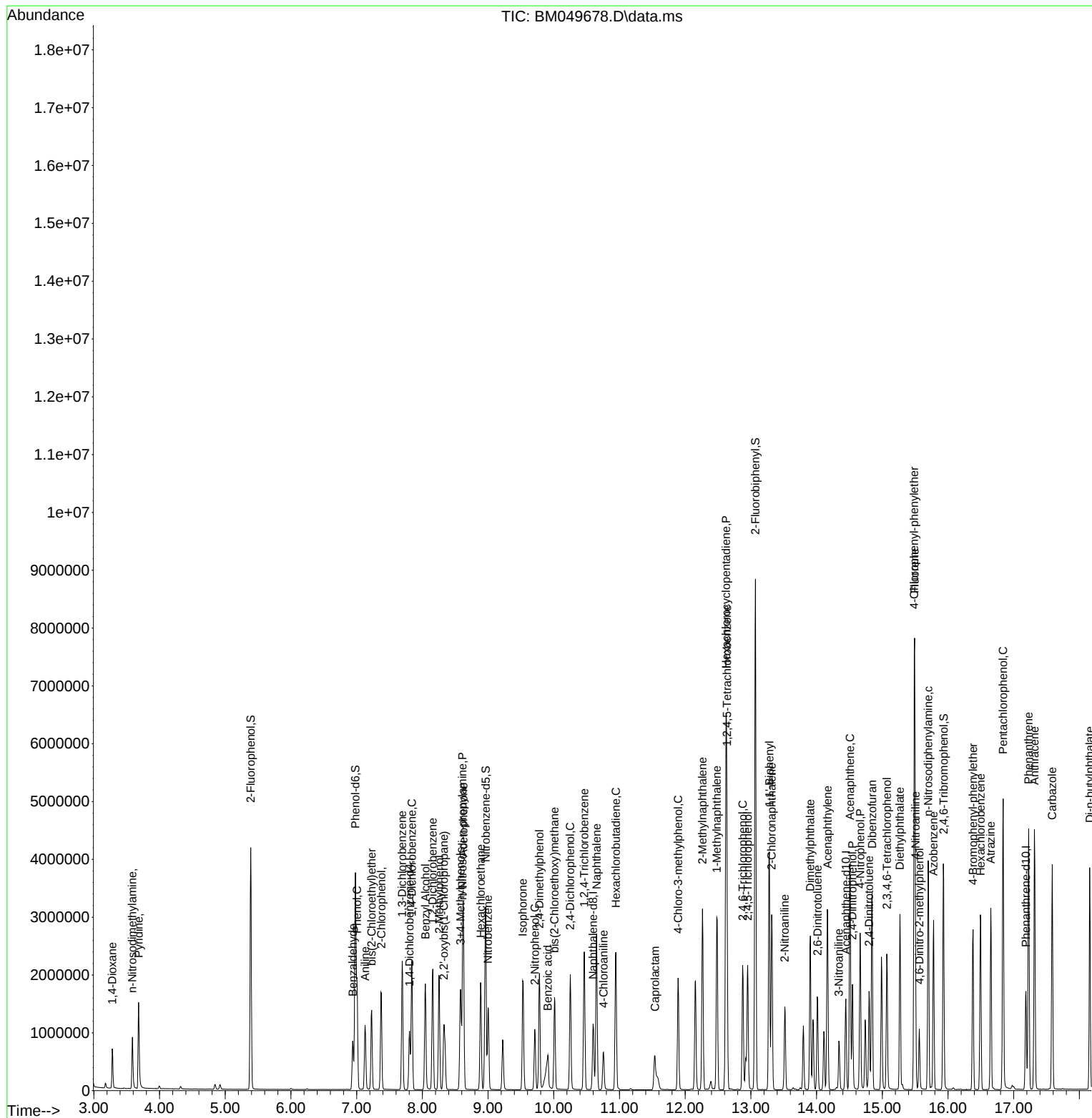
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.951	196	562485	52.960	ng	97
46) 1,1'-Biphenyl	13.281	154	2096514	51.019	ng	98
47) 2-Chloronaphthalene	13.316	162	1474025	46.362	ng	99
48) 2-Nitroaniline	13.516	65	355890	42.932	ng	98
49) Acenaphthylene	14.169	152	2192096	46.758	ng	98
50) Dimethylphthalate	13.904	163	1670447	43.181	ng	100
51) 2,6-Dinitrotoluene	14.016	165	338880	50.625	ng	89
52) Acenaphthene	14.510	154	1564633m	50.280	ng	
53) 3-Nitroaniline	14.339	138	192148	28.193	ng	# 97
54) 2,4-Dinitrophenol	14.545	184	366816	115.277	ng	# 73
55) Dibenzofuran	14.845	168	2139633	43.181	ng	98
56) 4-Nitrophenol	14.663	139	631980	110.002	ng	93
57) 2,4-Dinitrotoluene	14.798	165	469749	49.720	ng	92
58) Fluorene	15.492	166	1853371	43.724	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.069	232	458599	51.108	ng	95
60) Diethylphthalate	15.269	149	1580275	40.647	ng	99
61) 4-Chlorophenyl-phenyle...	15.486	204	995696	44.133	ng	99
62) 4-Nitroaniline	15.504	138	351385	40.558	ng	97
63) Azobenzene	15.781	77	1527745	37.648	ng	96
65) 4,6-Dinitro-2-methylph...	15.563	198	220506	65.568	ng	90
66) n-Nitrosodiphenylamine	15.698	169	1437704	46.407	ng	100
67) 4-Bromophenyl-phenylether	16.380	248	528445	46.304	ng	96
68) Hexachlorobenzene	16.498	284	594929	45.419	ng	97
69) Atrazine	16.651	200	536347	58.239	ng	99
70) Pentachlorophenol	16.839	266	815419	91.054	ng	99
71) Phenanthrene	17.227	178	2574399	46.001	ng	100
72) Anthracene	17.316	178	2591267	46.762	ng	100
73) Carbazole	17.586	167	2283771	46.956	ng	100
74) Di-n-butylphthalate	18.157	149	2500669	40.521	ng	100
75) Fluoranthene	19.239	202	2856890	43.603	ng	100
77) Benzidine	19.421	184	1073962	128.606	ng	100
78) Pyrene	19.604	202	3024177	42.830	ng	100
80) Butylbenzylphthalate	20.510	149	979209	44.568	ng	91
81) Benzo(a)anthracene	21.404	228	2968954	46.456	ng	100
82) 3,3'-Dichlorobenzidine	21.327	252	681339	39.619	ng	99
83) Chrysene	21.468	228	2749637	45.922	ng	100
84) Bis(2-ethylhexyl)phtha...	21.339	149	1554380	41.268	ng	97
85) Di-n-octyl phthalate	22.480	149	2382624	40.097	ng	95
87) Indeno(1,2,3-cd)pyrene	27.839	276	3469819	68.288	ng	98
88) Benzo(b)fluoranthene	23.486	252	2723996	42.558	ng	100
89) Benzo(k)fluoranthene	23.551	252	2848186	45.815	ng	99
90) Benzo(a)pyrene	24.298	252	2654276	52.329	ng	98
91) Dibenzo(a,h)anthracene	27.903	278	2874892	71.588	ng	98
92) Benzo(g,h,i)perylene	28.903	276	2663202	59.367	ng	98

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

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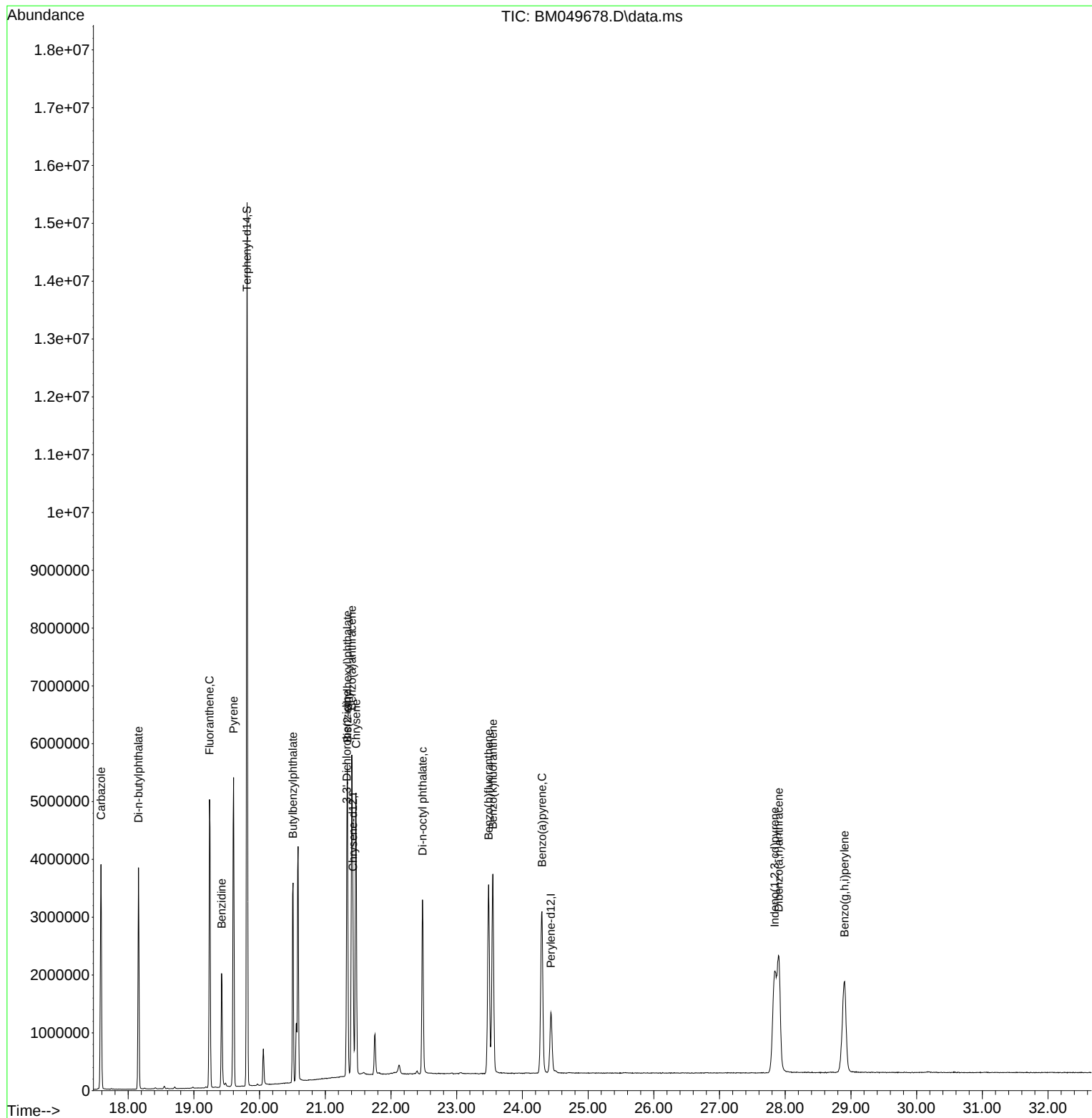
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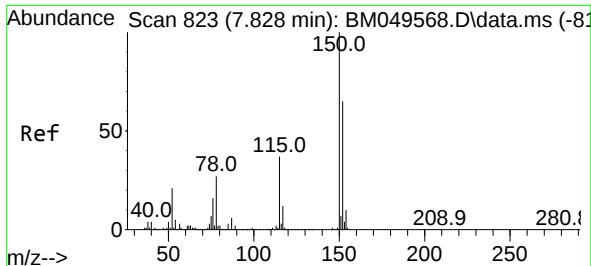


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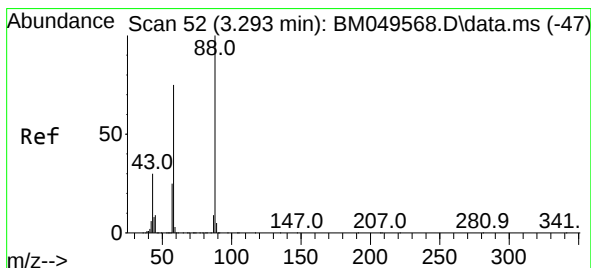
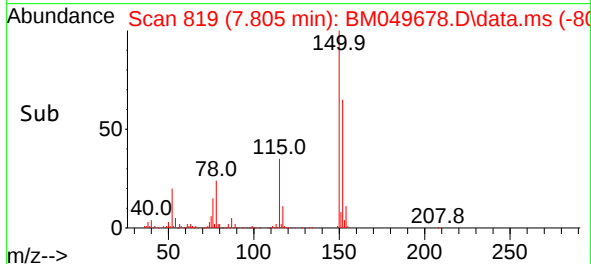
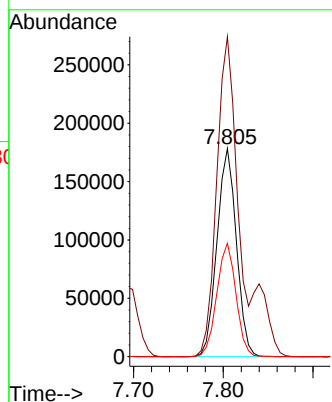
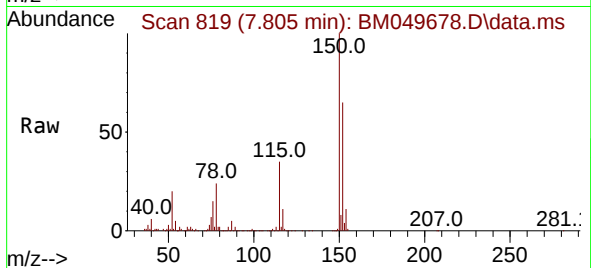




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.805 min Scan# 81
 Delta R.T. -0.023 min
 Lab File: BM049678.D
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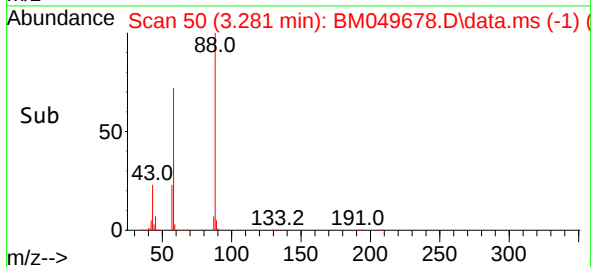
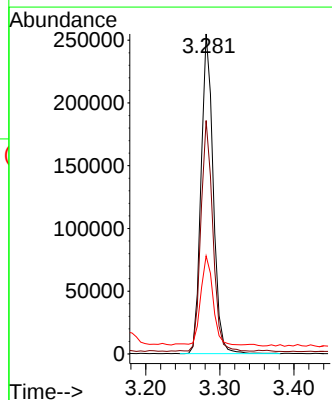
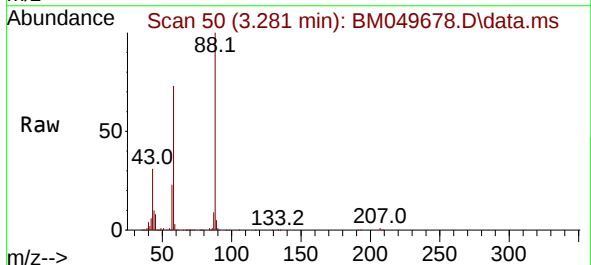
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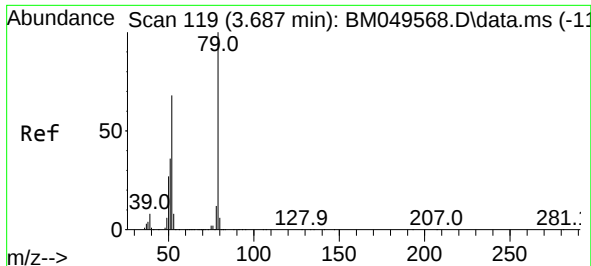
Tgt Ion:152 Resp: 268342
 Ion Ratio Lower Upper
 152 100
 150 153.7 122.6 184.0
 115 54.5 45.4 68.0



#2
 1,4-Dioxane
 Concen: 41.219 ng
 RT: 3.281 min Scan# 50
 Delta R.T. -0.011 min
 Lab File: BM049678.D
 Acq: 28 Feb 2025 14:33

Tgt Ion: 88 Resp: 289204
 Ion Ratio Lower Upper
 88 100
 58 71.2 60.0 90.0
 43 28.0 24.4 36.6

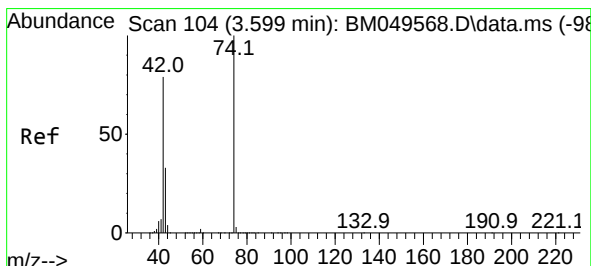
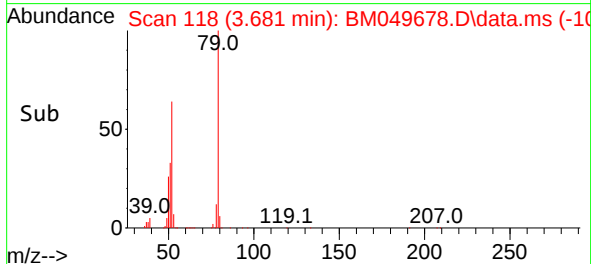
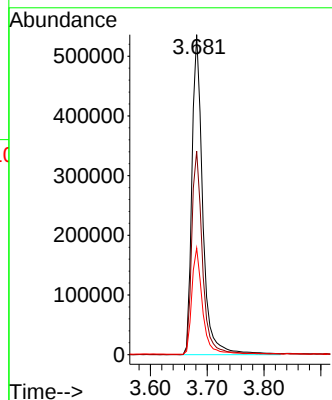
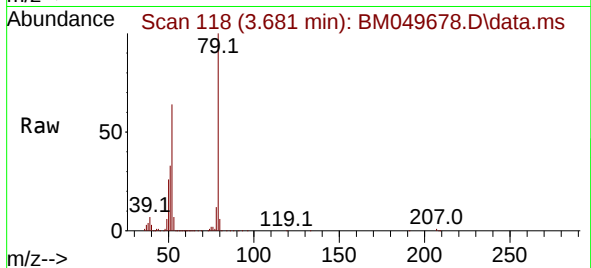




#3
 Pyridine
 Concen: 36.566 ng
 RT: 3.681 min Scan# 119
 Delta R.T. -0.005 min
 Lab File: BM049678.D
 Acq: 28 Feb 2025 14:33

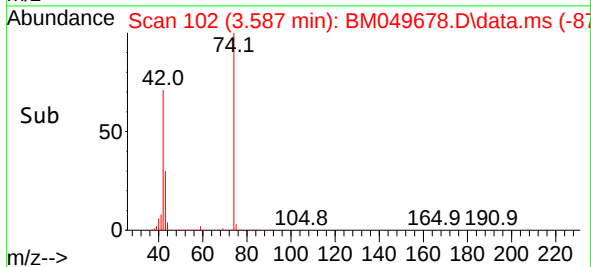
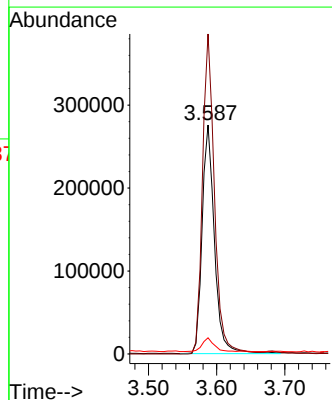
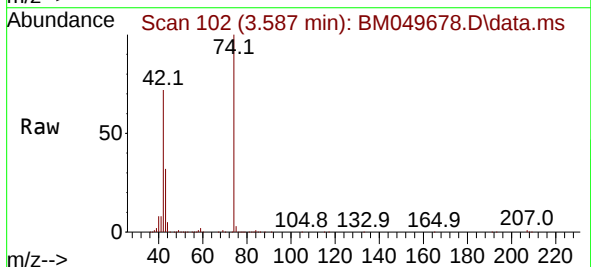
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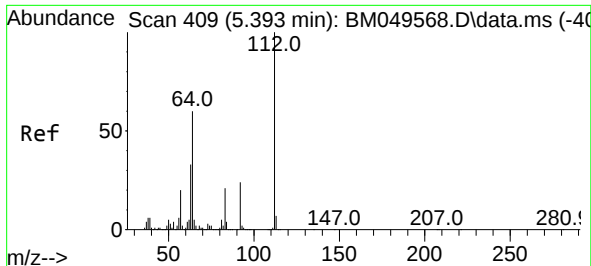
Tgt Ion: 79 Resp: 712932
 Ion Ratio Lower Upper
 79 100
 52 63.6 54.5 81.7
 51 33.3 29.0 43.6



#4
 n-Nitrosodimethylamine
 Concen: 38.018 ng
 RT: 3.587 min Scan# 102
 Delta R.T. -0.011 min
 Lab File: BM049678.D
 Acq: 28 Feb 2025 14:33

Tgt Ion: 42 Resp: 346808
 Ion Ratio Lower Upper
 42 100
 74 139.8 101.3 151.9
 44 7.0 6.5 9.7

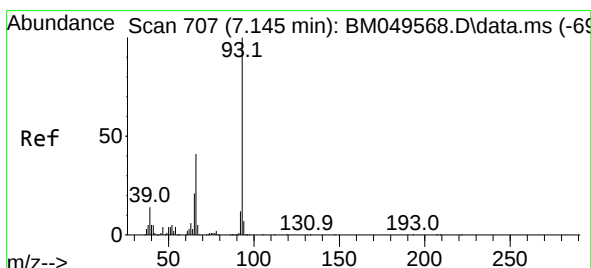
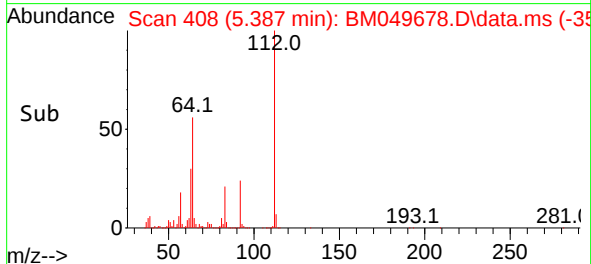
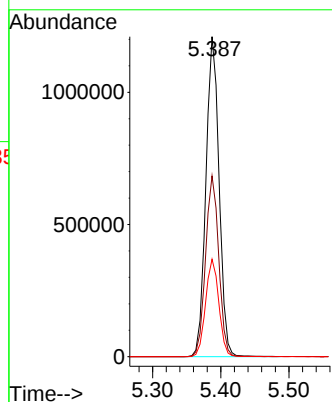
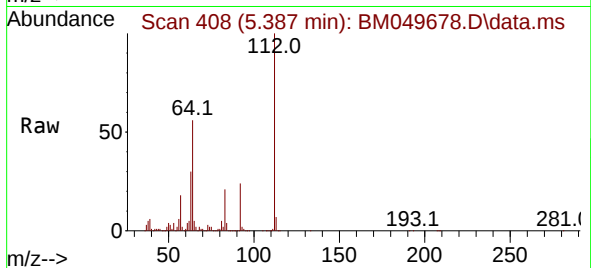




#5
2-Fluorophenol
Concen: 97.605 ng
RT: 5.387 min Scan# 409
Delta R.T. -0.005 min
Lab File: BM049678.D
Acq: 28 Feb 2025 14:33

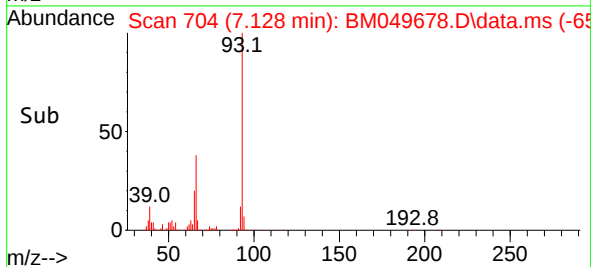
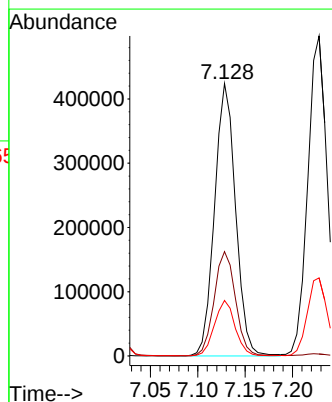
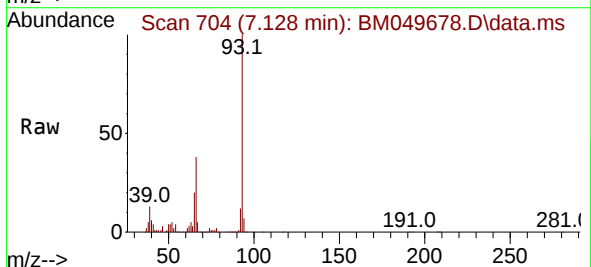
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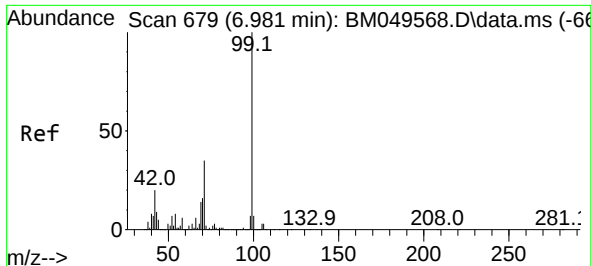
Tgt Ion:112 Resp: 1628736
Ion Ratio Lower Upper
112 100
64 56.5 47.8 71.8
63 30.5 26.2 39.4



#6
Aniline
Concen: 31.605 ng
RT: 7.128 min Scan# 704
Delta R.T. -0.017 min
Lab File: BM049678.D
Acq: 28 Feb 2025 14:33

Tgt Ion: 93 Resp: 654862
Ion Ratio Lower Upper
93 100
66 38.3 33.3 49.9
65 20.4 16.8 25.2



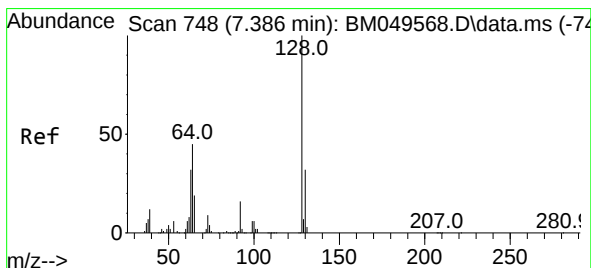
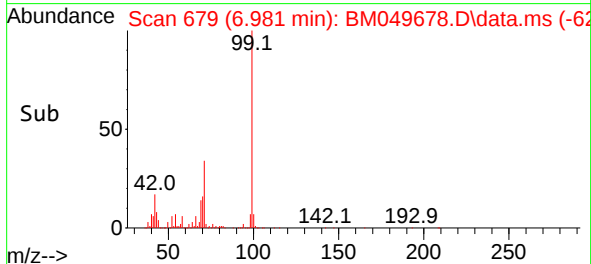
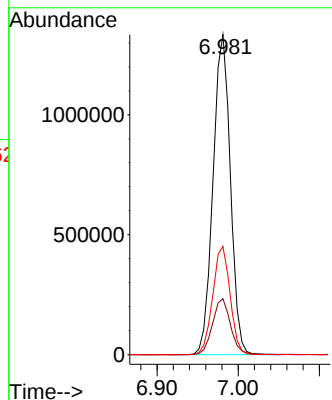
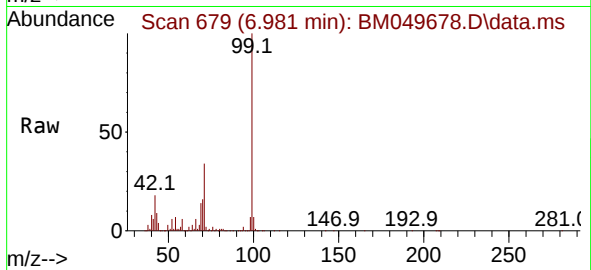


#7
Phenol-d6
Concen: 90.473 ng
RT: 6.981 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM049678.D
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Tgt Ion: 99 Resp: 1977924

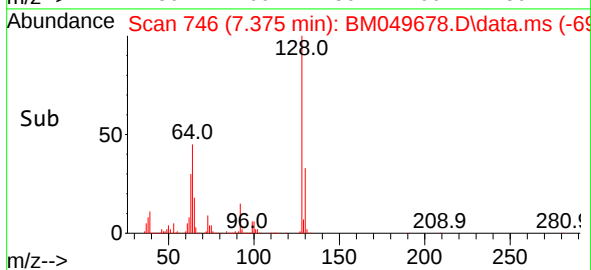
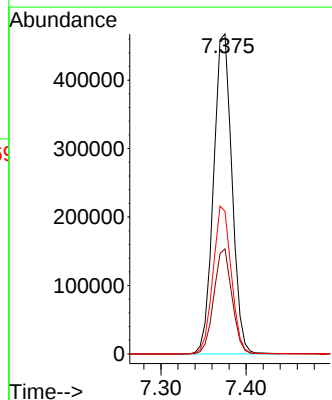
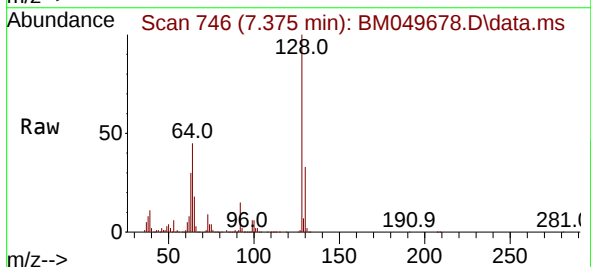
Ion	Ratio	Lower	Upper
99	100		
42	17.5	16.0	24.0
71	33.9	27.8	41.6

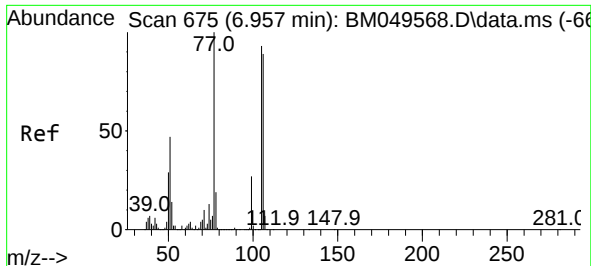


#8
2-Chlorophenol
Concen: 42.330 ng
RT: 7.375 min Scan# 746
Delta R.T. -0.011 min
Lab File: BM049678.D
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Tgt Ion:128 Resp: 705320

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.4	52.4
64	44.6	28.7	68.7

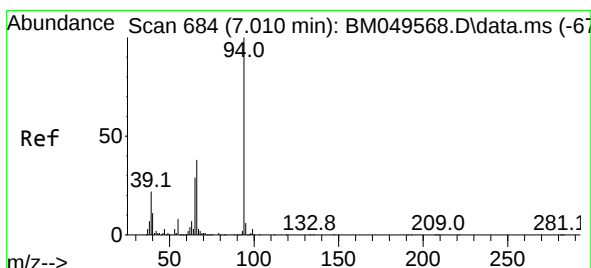
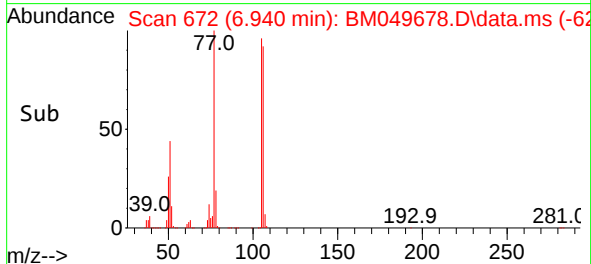
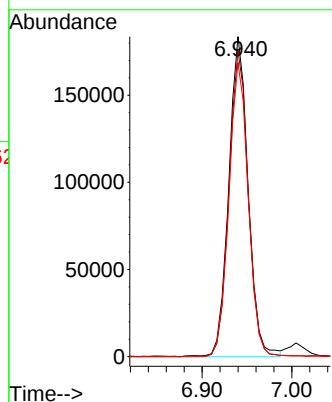
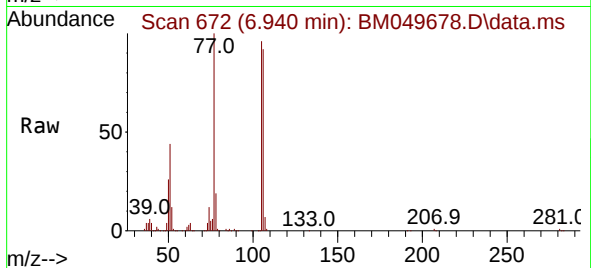




#9
Benzaldehyde
Concen: 23.747 ng
RT: 6.940 min Scan# 61
Delta R.T. -0.017 min
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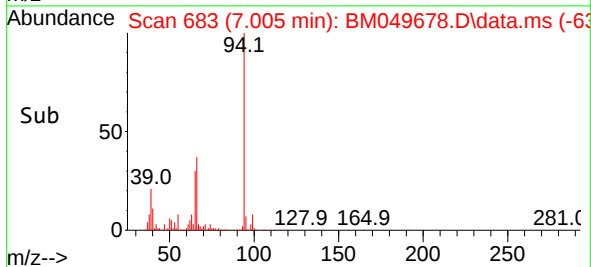
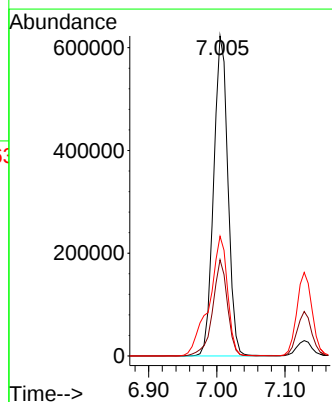
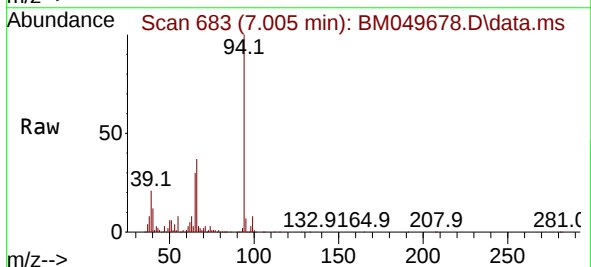
Instrument :
BNA_M
ClientSampleId :
PB166933BS

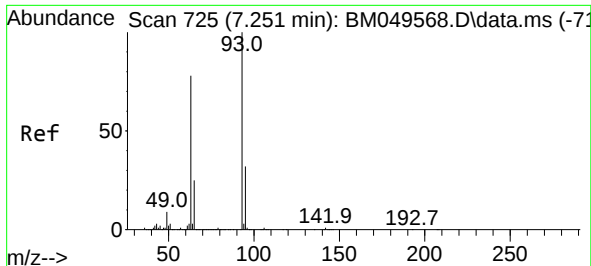
Tgt Ion: 77 Resp: 274895
Ion Ratio Lower Upper
77 100
105 95.6 72.7 112.7
106 91.9 68.9 108.9



#10
Phenol
Concen: 42.069 ng
RT: 7.005 min Scan# 683
Delta R.T. -0.005 min
Lab File: BM049678.D
Acq: 28 Feb 2025 14:33

Tgt Ion: 94 Resp: 905870
Ion Ratio Lower Upper
94 100
65 30.1 9.3 49.3
66 37.4 17.7 57.7

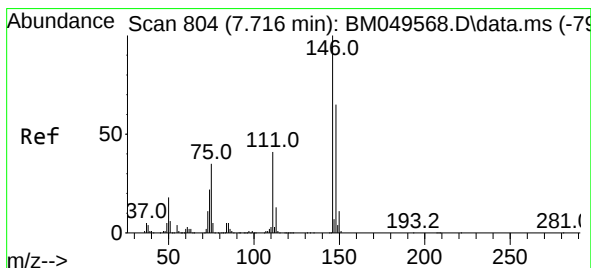
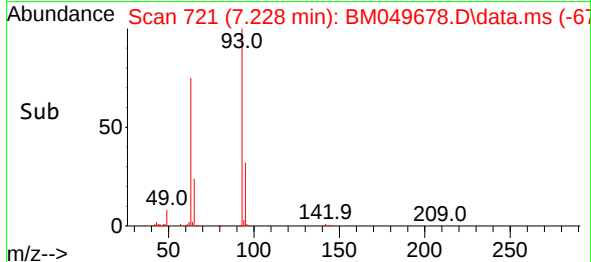
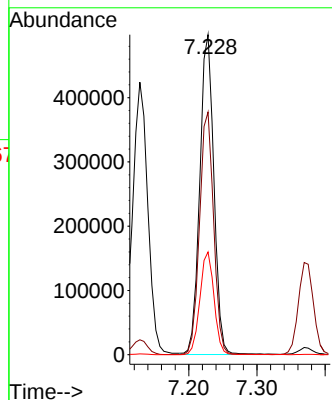
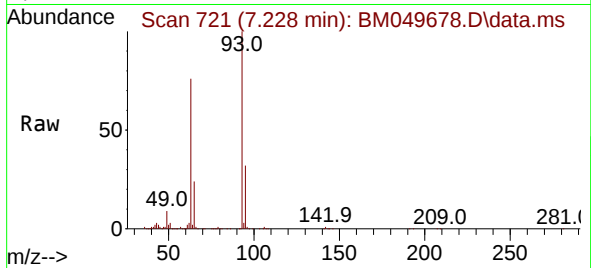




#11
bis(2-Chloroethyl)ether
Concen: 41.104 ng
RT: 7.228 min Scan# 71
Delta R.T. -0.023 min
Lab File: BM049678.D
Acq: 28 Feb 2025 14:33

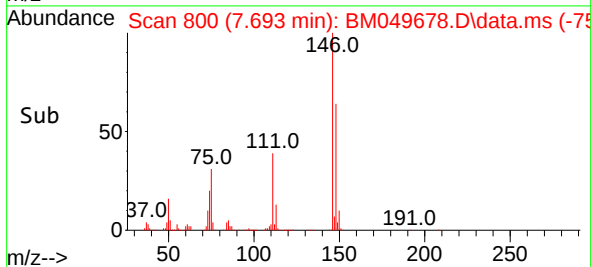
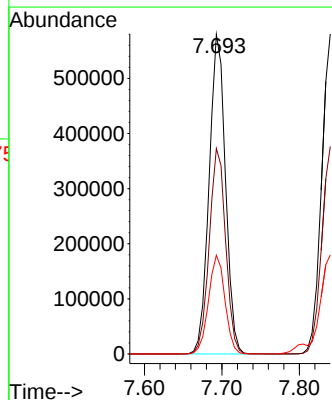
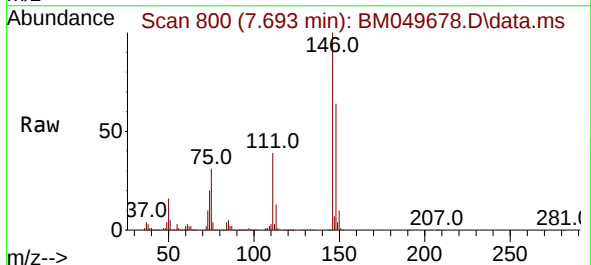
Instrument :
BNA_M
ClientSampleId :
PB166933BS

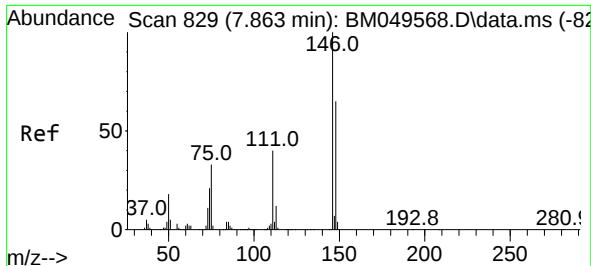
Tgt Ion: 93 Resp: 716064
Ion Ratio Lower Upper
93 100
63 75.8 57.3 97.3
95 32.1 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 43.881 ng
RT: 7.693 min Scan# 800
Delta R.T. -0.023 min
Lab File: BM049678.D
Acq: 28 Feb 2025 14:33

Tgt Ion:146 Resp: 848684
Ion Ratio Lower Upper
146 100
148 64.3 52.2 78.2
75 30.9 28.3 42.5

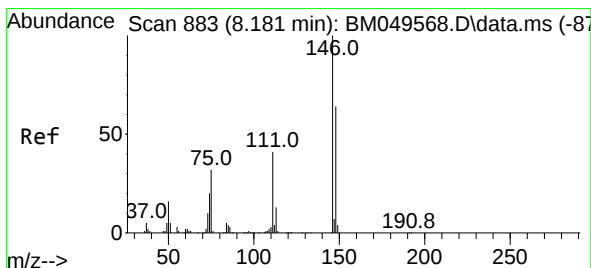
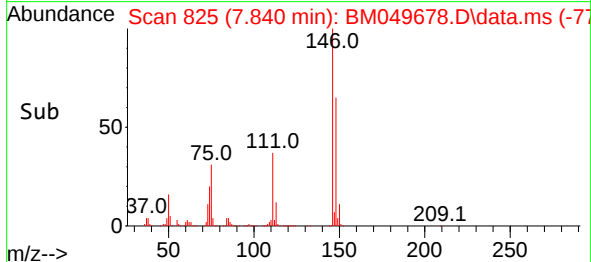
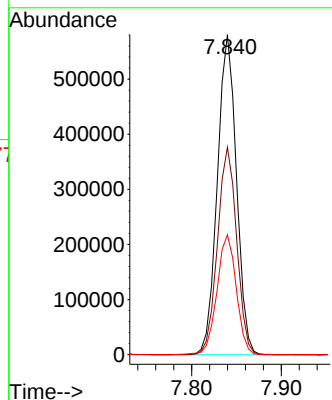
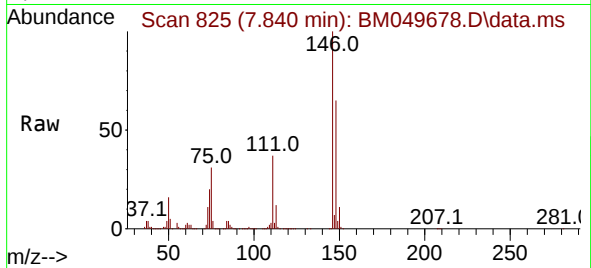




#13
1,4-Dichlorobenzene
Concen: 43.805 ng
RT: 7.840 min Scan# 81
Delta R.T. -0.023 min
Lab File: BM049678.D
Acq: 28 Feb 2025 14:33

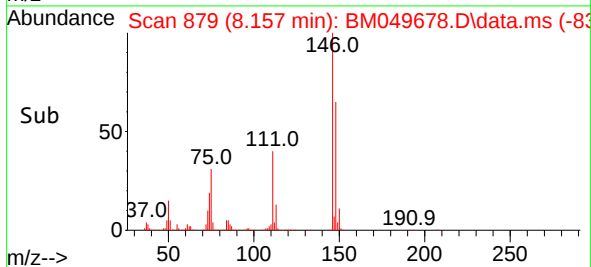
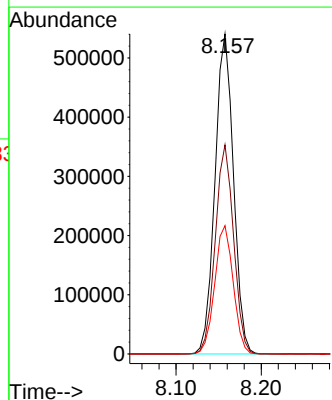
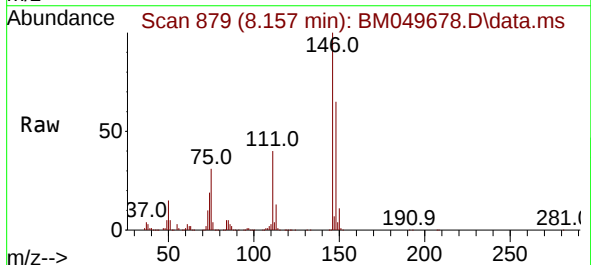
Instrument :
BNA_M
ClientSampleId :
PB166933BS

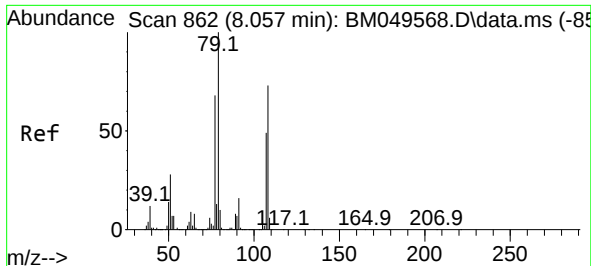
Tgt Ion:146 Resp: 856950
Ion Ratio Lower Upper
146 100
148 64.9 52.1 78.1
111 37.4 31.7 47.5



#14
1,2-Dichlorobenzene
Concen: 43.201 ng
RT: 8.157 min Scan# 879
Delta R.T. -0.023 min
Lab File: BM049678.D
Acq: 28 Feb 2025 14:33

Tgt Ion:146 Resp: 816031
Ion Ratio Lower Upper
146 100
148 65.4 51.5 77.3
111 40.1 33.4 50.0

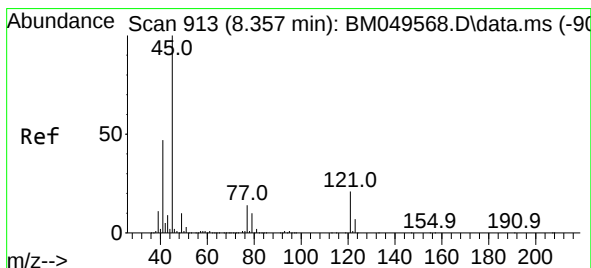
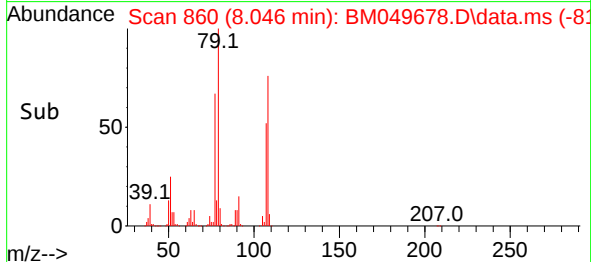
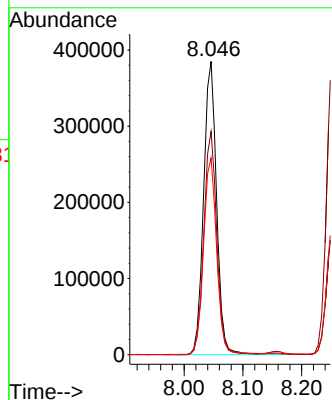
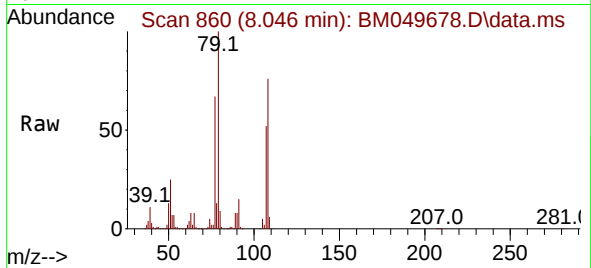




#15
Benzyl Alcohol
Concen: 38.822 ng
RT: 8.046 min Scan# 80
Delta R.T. -0.011 min
Lab File: BM049678.D
Acq: 28 Feb 2025 14:33

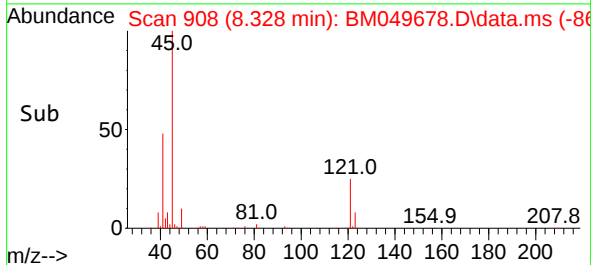
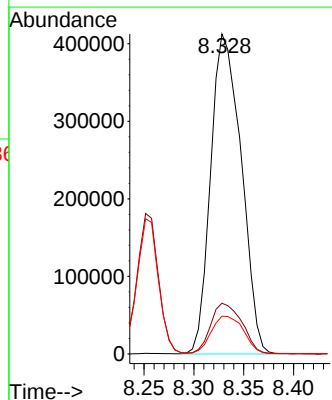
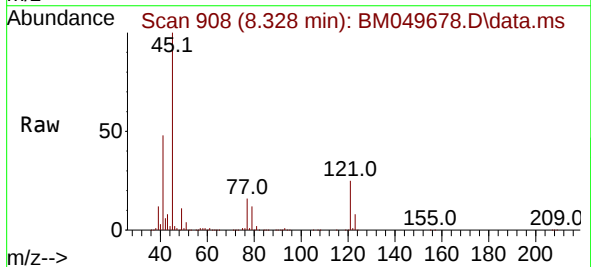
Instrument :
BNA_M
ClientSampleId :
PB166933BS

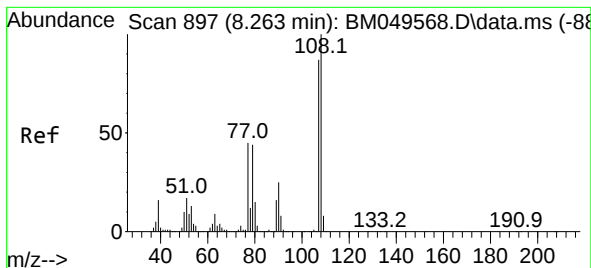
Tgt Ion: 79 Resp: 590465
Ion Ratio Lower Upper
79 100
108 76.1 58.6 88.0
77 67.1 54.0 81.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.515 ng m
RT: 8.328 min Scan# 908
Delta R.T. -0.029 min
Lab File: BM049678.D
Acq: 28 Feb 2025 14:33

Tgt Ion: 45 Resp: 879783
Ion Ratio Lower Upper
45 100
77 15.9 0.0 34.0
79 11.8 0.0 30.8

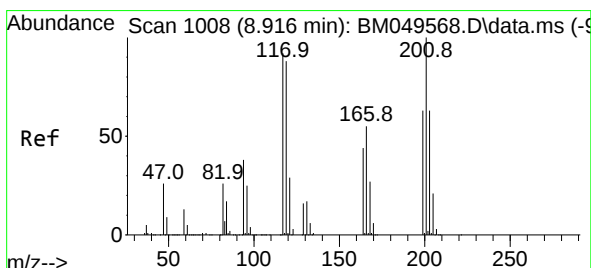
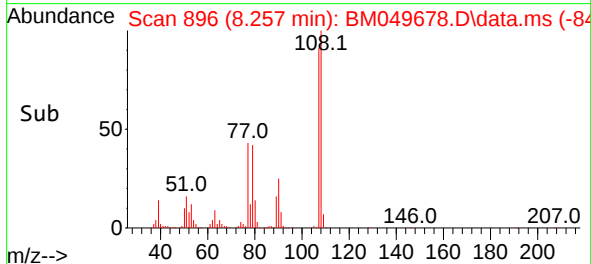
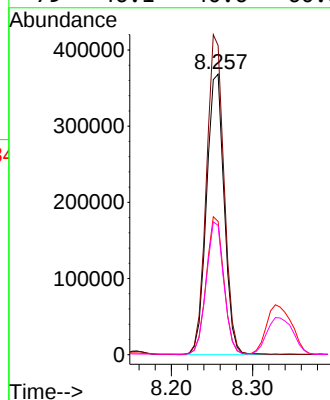
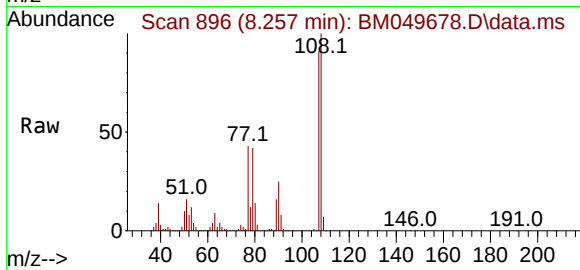




#17
2-Methylphenol
Concen: 42.245 ng
RT: 8.257 min Scan# 897
Delta R.T. -0.005 min
Lab File: BM049678.D
Acq: 28 Feb 2025 14:33

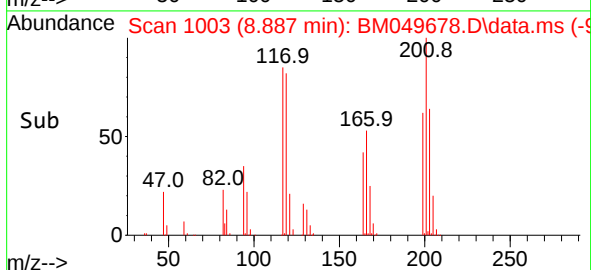
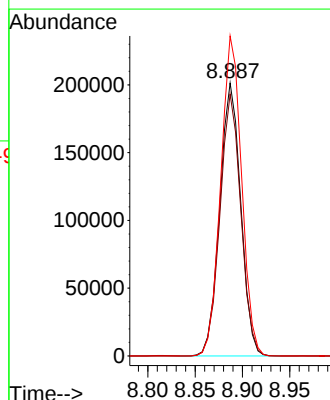
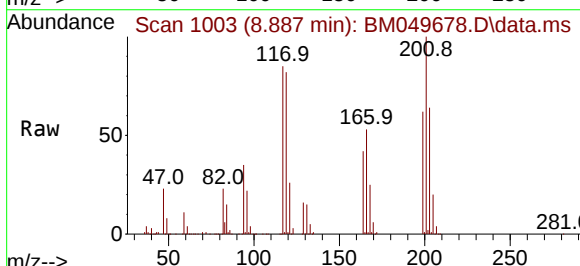
Instrument :
BNA_M
ClientSampleId :
PB166933BS

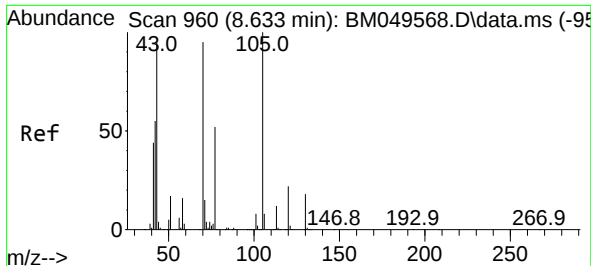
Tgt Ion:	107	Resp:	556214
Ion	Ratio	Lower	Upper
107	100		
108	110.2	92.2	138.4
77	47.5	41.3	61.9
79	46.1	40.6	60.8



#18
Hexachloroethane
Concen: 43.477 ng
RT: 8.887 min Scan# 1003
Delta R.T. -0.029 min
Lab File: BM049678.D
Acq: 28 Feb 2025 14:33

Tgt Ion:	117	Resp:	310675
Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.8	115.2
201	117.2	87.0	130.6





#19

n-Nitroso-di-n-propylamine

Concen: 38.701 ng

RT: 8.610 min Scan# 91

Delta R.T. -0.023 min

Lab File: BM049678.D

Acq: 28 Feb 2025 14:33

Instrument :

BNA_M

ClientSampleId :

PB166933BS

Tgt Ion: 70 Resp: 554050

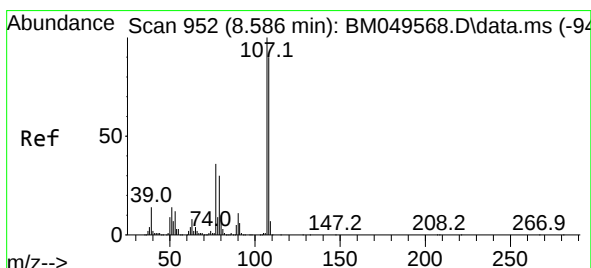
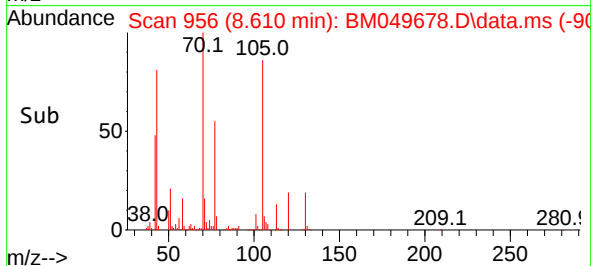
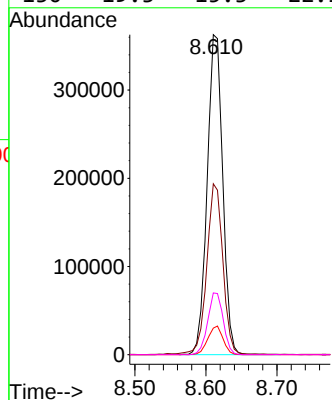
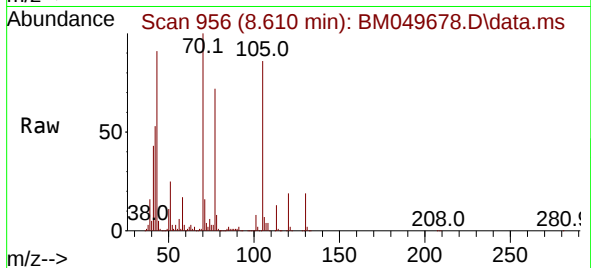
Ion Ratio Lower Upper

70 100

42 53.4 47.4 71.2

101 8.3 7.1 10.7

130 19.3 15.3 22.9



#20

3+4-Methylphenols

Concen: 42.537 ng

RT: 8.581 min Scan# 951

Delta R.T. -0.005 min

Lab File: BM049678.D

Acq: 28 Feb 2025 14:33

Tgt Ion: 107 Resp: 739342

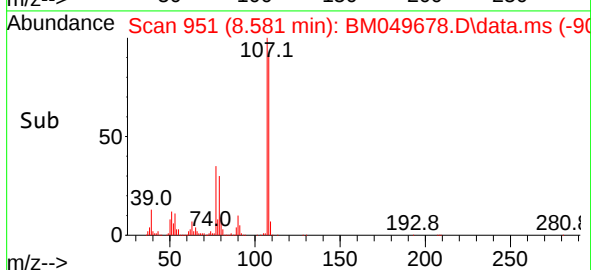
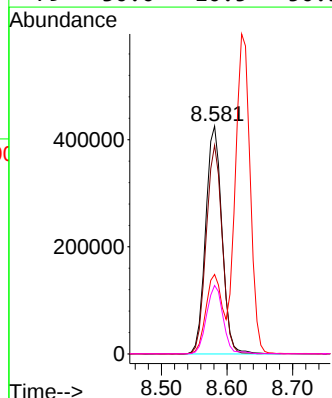
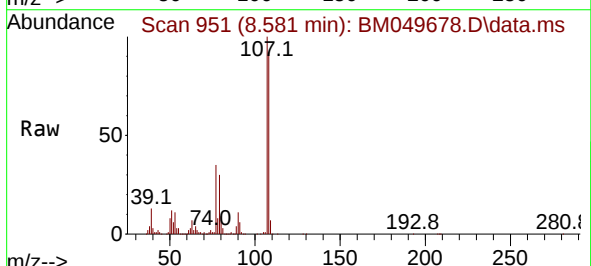
Ion Ratio Lower Upper

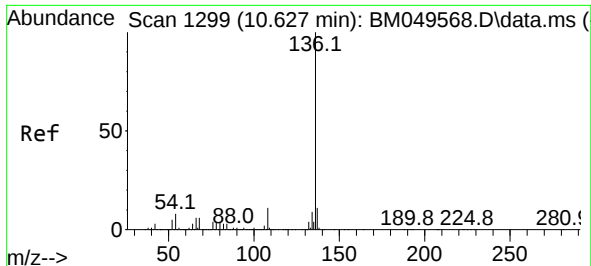
107 100

108 91.6 69.6 109.6

77 34.9 16.0 56.0

79 30.0 10.5 50.5

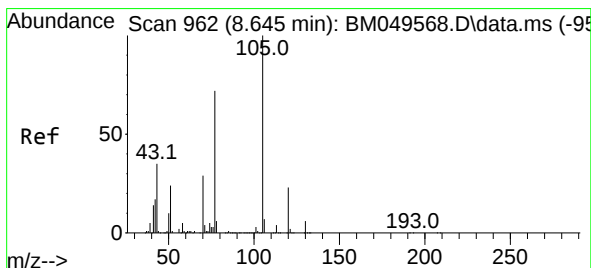
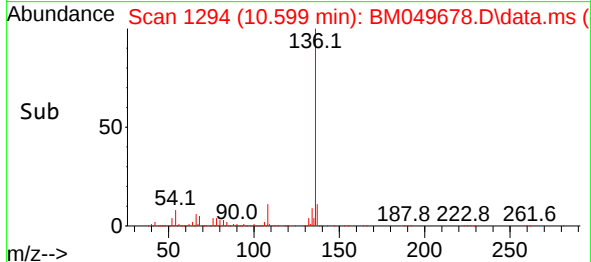
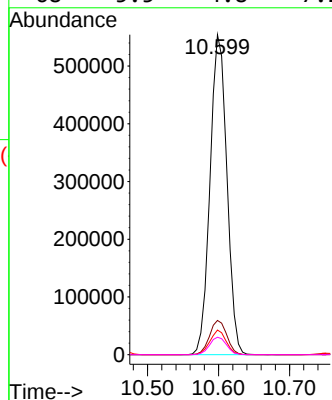
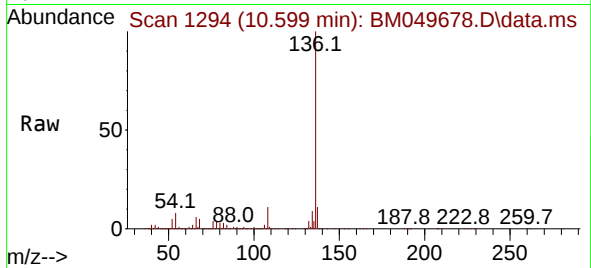




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.599 min Scan# 1
Delta R.T. -0.029 min
Lab File: BM049678.D
Acq: 28 Feb 2025 14:33

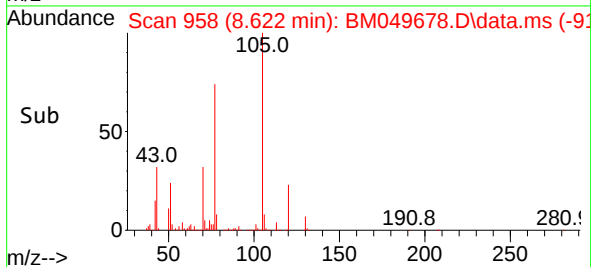
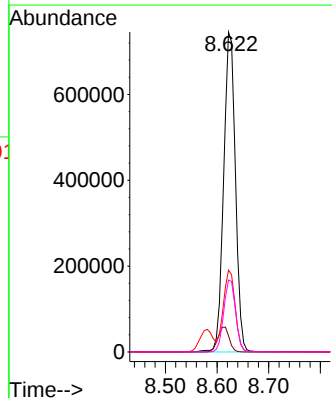
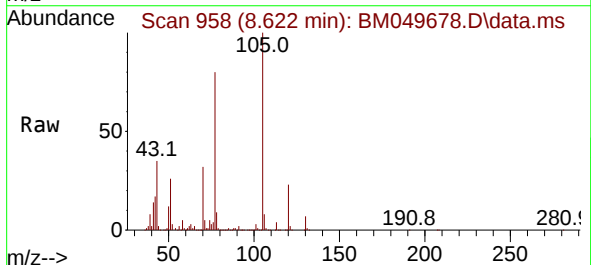
Instrument :
BNA_M
ClientSampleId :
PB166933BS

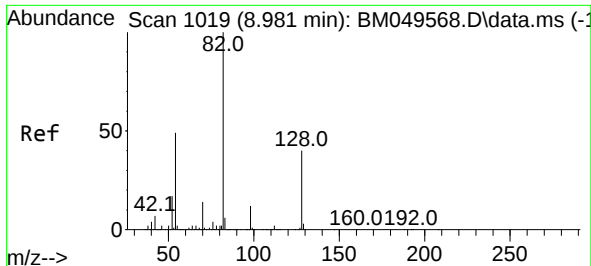
Tgt Ion:136 Resp: 912905
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 7.7 6.6 10.0
68 5.5 4.8 7.2



#22
Acetophenone
Concen: 47.901 ng
RT: 8.622 min Scan# 958
Delta R.T. -0.023 min
Lab File: BM049678.D
Acq: 28 Feb 2025 14:33

Tgt Ion:105 Resp: 1177810
Ion Ratio Lower Upper
105 100
71 5.0 3.5 5.3
51 25.6 21.7 32.5
120 22.5 18.1 27.1

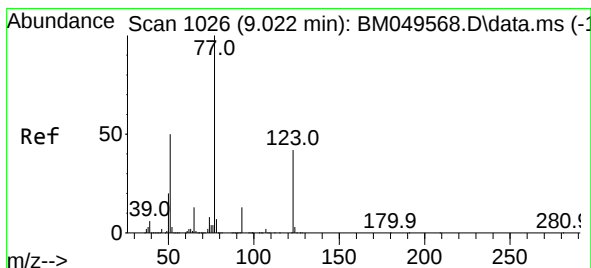
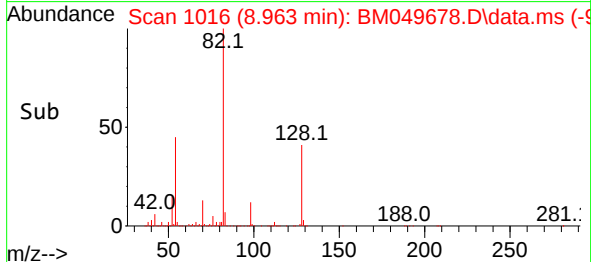
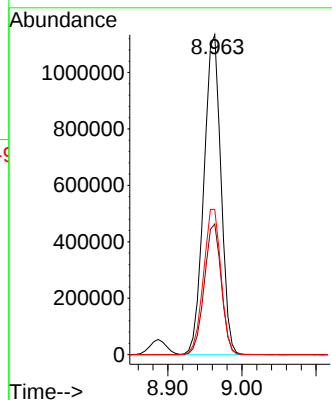
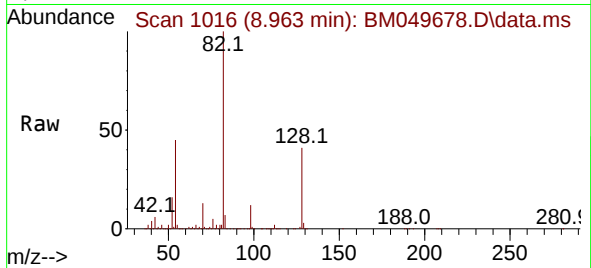




#23
Nitrobenzene-d5
Concen: 101.853 ng
RT: 8.963 min Scan# 1016
Delta R.T. -0.017 min
Lab File: BM049678.D
Acq: 28 Feb 2025 14:33

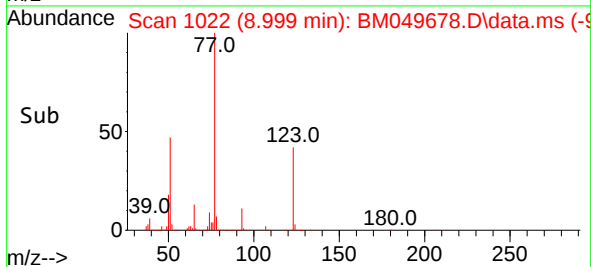
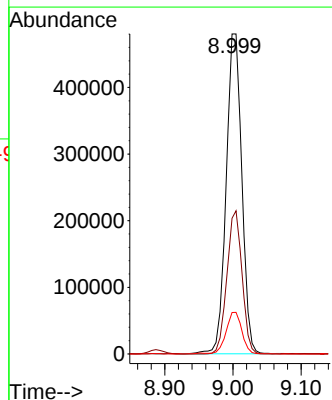
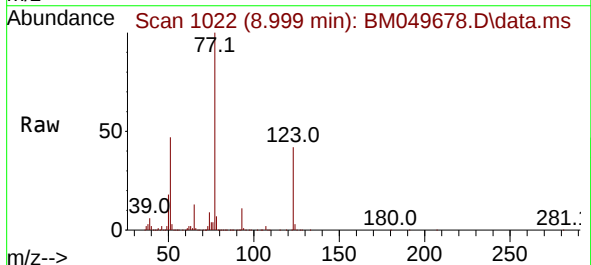
Instrument :
BNA_M
ClientSampleId :
PB166933BS

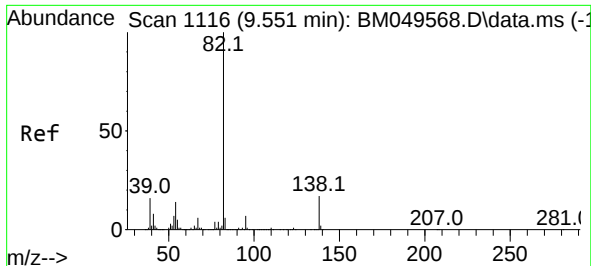
Tgt Ion: 82 Resp: 1807684
Ion Ratio Lower Upper
82 100
128 40.9 31.6 47.4
54 45.4 39.4 59.0



#24
Nitrobenzene
Concen: 44.505 ng
RT: 8.999 min Scan# 1022
Delta R.T. -0.023 min
Lab File: BM049678.D
Acq: 28 Feb 2025 14:33

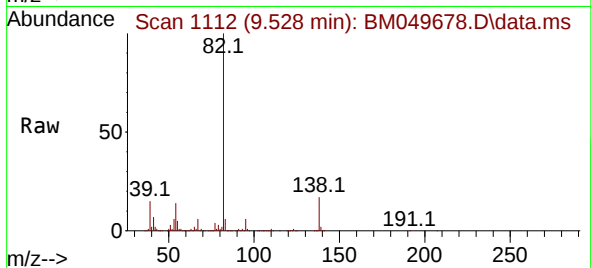
Tgt Ion: 77 Resp: 767415
Ion Ratio Lower Upper
77 100
123 42.4 33.4 50.2
65 13.0 10.5 15.7



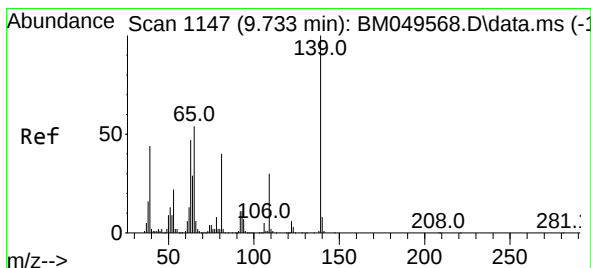
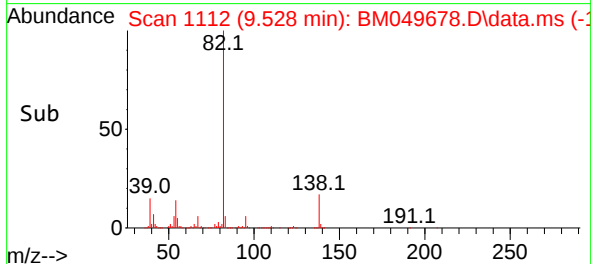
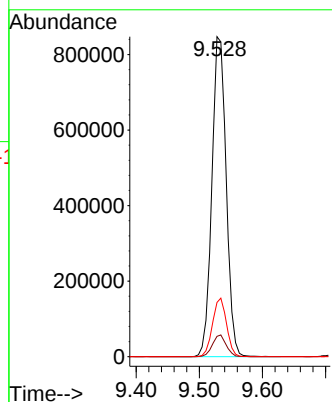


#25
Isophorone
Concen: 41.590 ng
RT: 9.528 min Scan# 1112
Delta R.T. -0.023 min
Lab File: BM049678.D
Acq: 28 Feb 2025 14:33

Instrument :
BNA_M
ClientSampleId :
PB166933BS

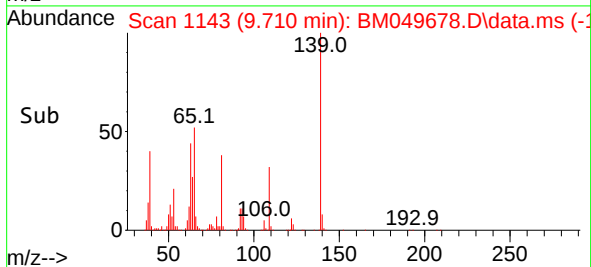
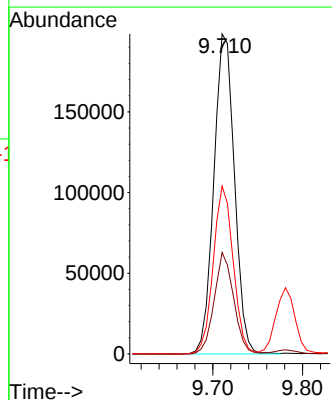
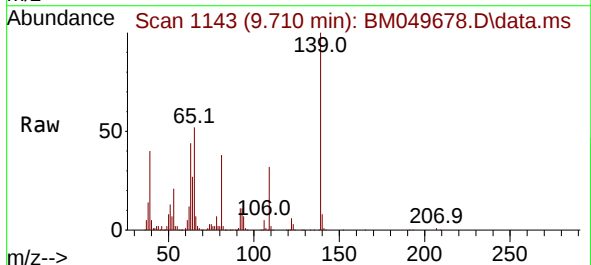


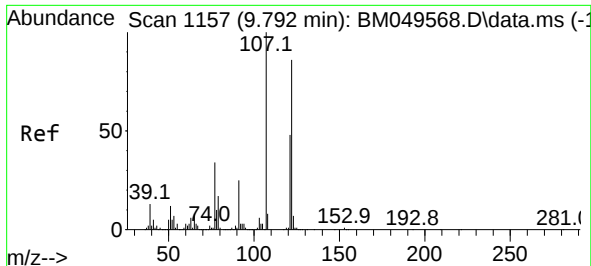
Tgt Ion: 82 Resp: 1331200
Ion Ratio Lower Upper
82 100
95 6.4 5.5 8.3
138 16.9 13.6 20.4



#26
2-Nitrophenol
Concen: 52.308 ng
RT: 9.710 min Scan# 1143
Delta R.T. -0.023 min
Lab File: BM049678.D
Acq: 28 Feb 2025 14:33

Tgt Ion: 139 Resp: 316616
Ion Ratio Lower Upper
139 100
109 31.7 24.2 36.2
65 52.4 43.4 65.2

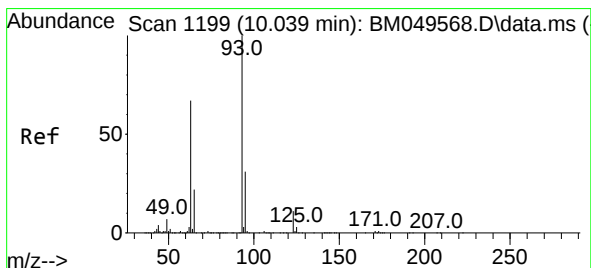
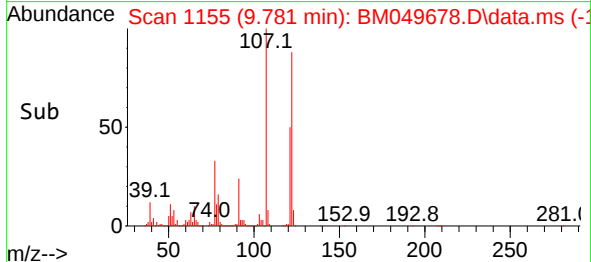
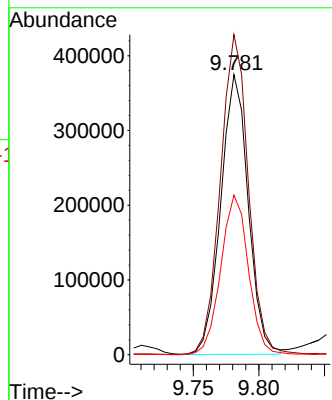
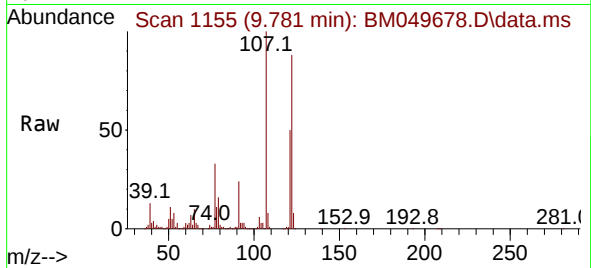




#27
2,4-Dimethylphenol
Concen: 53.787 ng
RT: 9.781 min Scan# 1155
Delta R.T. -0.011 min
Lab File: BM049678.D
Acq: 28 Feb 2025 14:33

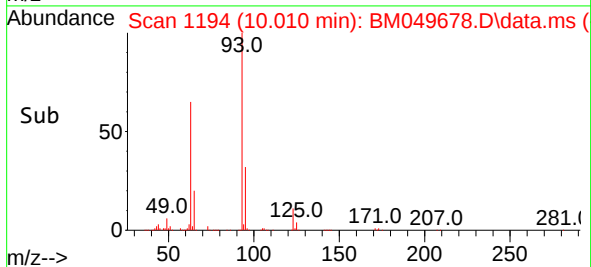
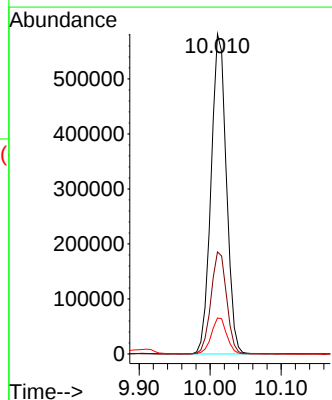
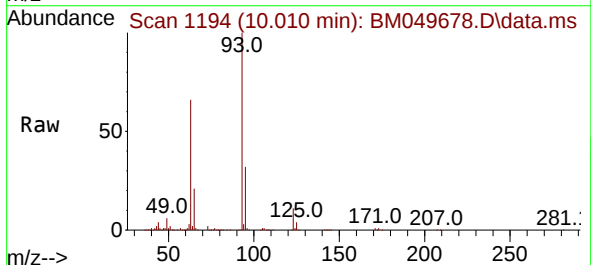
Instrument :
BNA_M
ClientSampleId :
PB166933BS

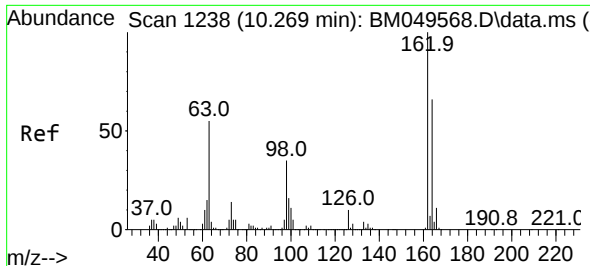
Tgt Ion:122 Resp: 544352
Ion Ratio Lower Upper
122 100
107 114.3 93.2 139.8
121 57.0 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 42.283 ng
RT: 10.010 min Scan# 1194
Delta R.T. -0.029 min
Lab File: BM049678.D
Acq: 28 Feb 2025 14:33

Tgt Ion: 93 Resp: 871668
Ion Ratio Lower Upper
93 100
95 31.9 25.2 37.8
123 11.3 8.6 12.8

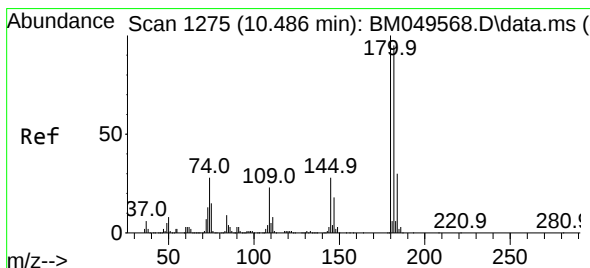
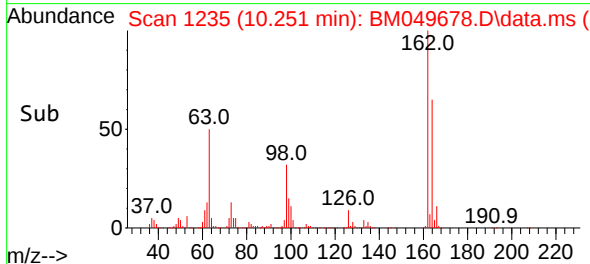
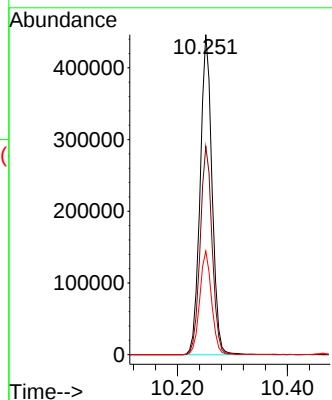
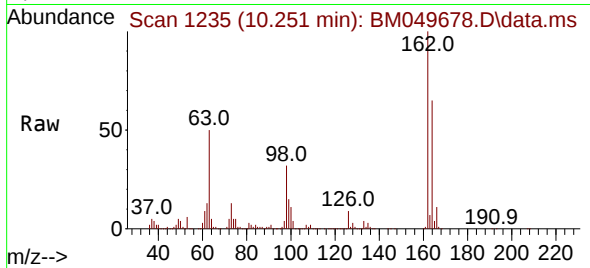




#29
2,4-Dichlorophenol
Concen: 48.122 ng
RT: 10.251 min Scan# 1
Delta R.T. -0.017 min
Lab File: BM049678.D
Acq: 28 Feb 2025 14:33

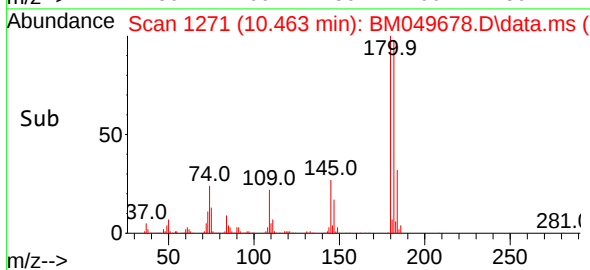
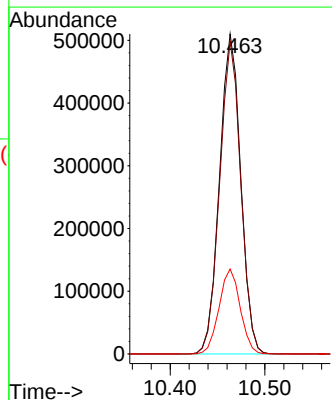
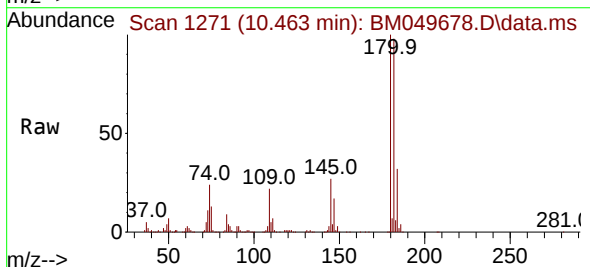
Instrument :
BNA_M
ClientSampleId :
PB166933BS

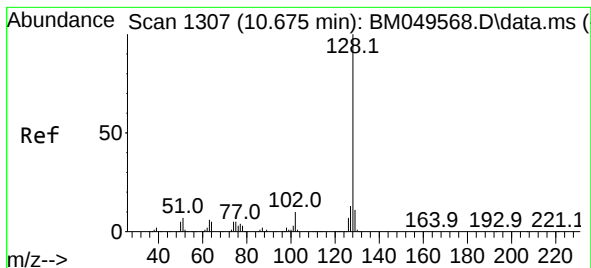
Tgt Ion:162 Resp: 670709
Ion Ratio Lower Upper
162 100
164 65.1 46.0 86.0
98 32.4 14.7 54.7



#30
1,2,4-Trichlorobenzene
Concen: 46.568 ng
RT: 10.463 min Scan# 1271
Delta R.T. -0.023 min
Lab File: BM049678.D
Acq: 28 Feb 2025 14:33

Tgt Ion:180 Resp: 795190
Ion Ratio Lower Upper
180 100
182 97.7 76.4 114.6
145 26.6 22.5 33.7

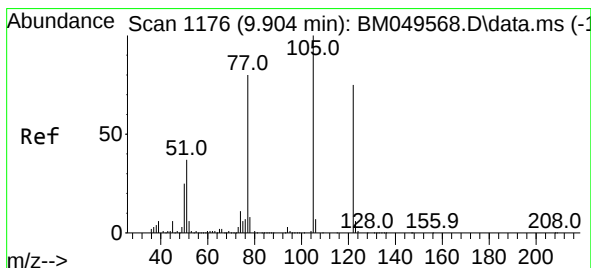
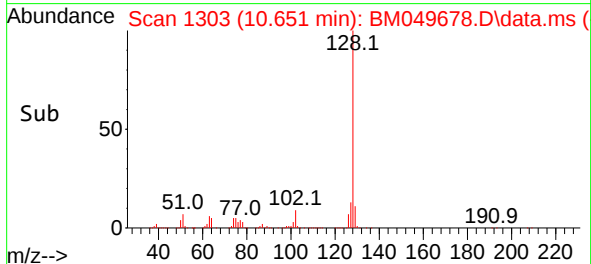
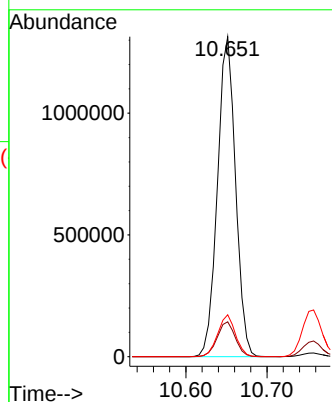
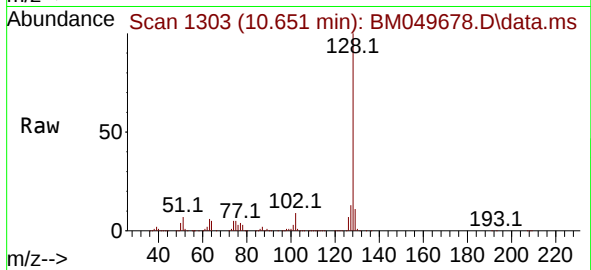




#31
Naphthalene
Concen: 42.311 ng
RT: 10.651 min Scan# 1177
Delta R.T. -0.023 min
Lab File: BM049678.D
Acq: 28 Feb 2025 14:33

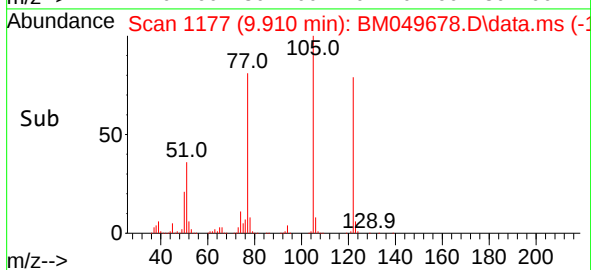
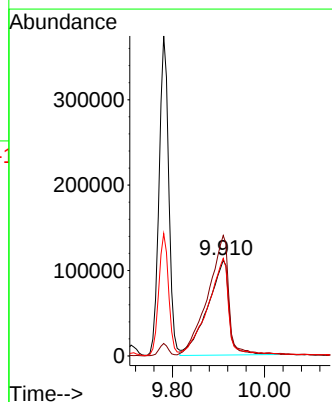
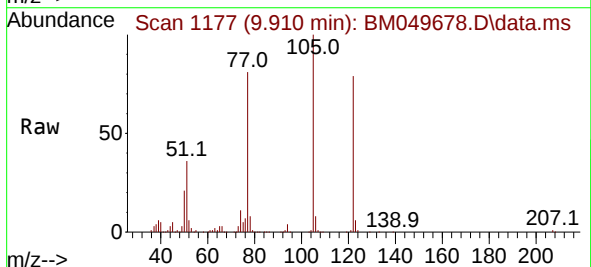
Instrument :
BNA_M
ClientSampleId :
PB166933BS

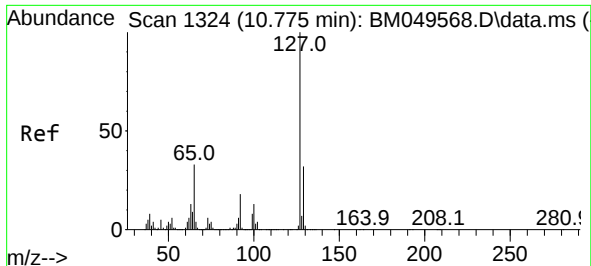
Tgt Ion:128 Resp: 2037164
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 13.1 10.6 15.8



#32
Benzoic acid
Concen: 54.252 ng
RT: 9.910 min Scan# 1177
Delta R.T. 0.006 min
Lab File: BM049678.D
Acq: 28 Feb 2025 14:33

Tgt Ion:122 Resp: 358826
Ion Ratio Lower Upper
122 100
105 126.0 103.6 143.6
77 102.0 82.4 122.4

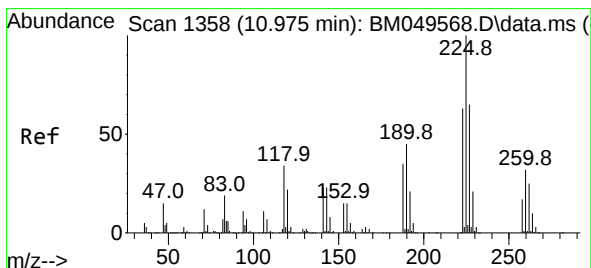
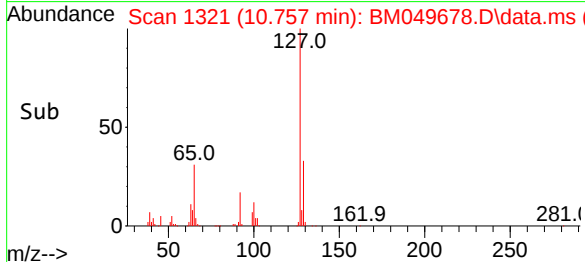
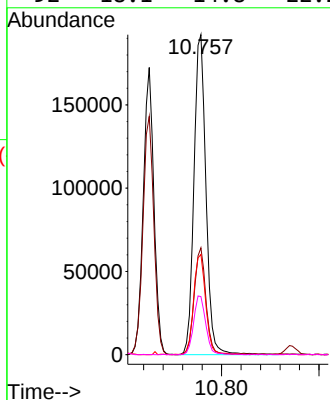
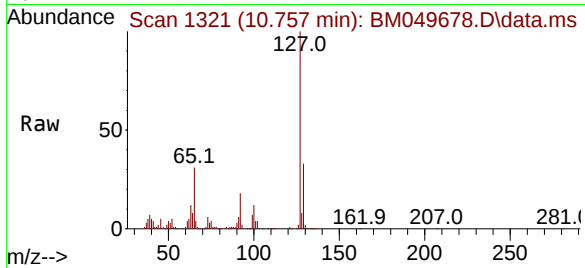




#33
4-Chloroaniline
Concen: 18.369 ng
RT: 10.757 min Scan# 11
Delta R.T. -0.017 min
Lab File: BM049678.D
Acq: 28 Feb 2025 14:33

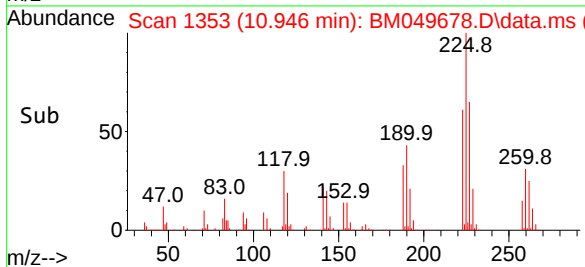
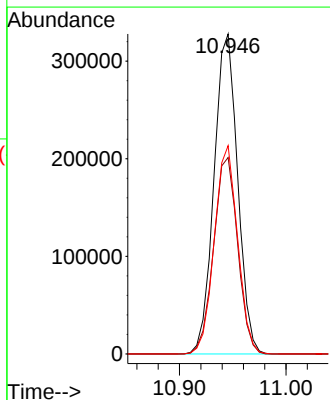
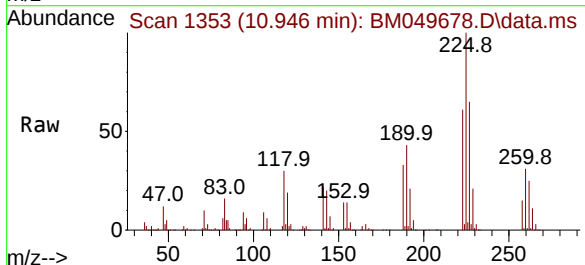
Instrument :
BNA_M
ClientSampleId :
PB166933BS

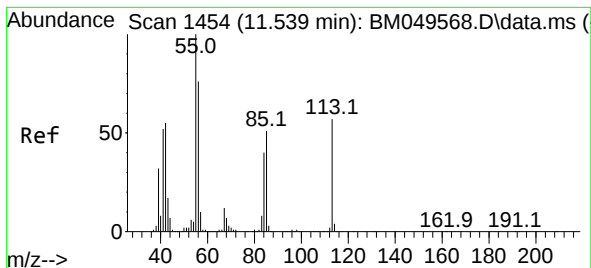
Tgt Ion:	127	Resp:	331031
Ion	Ratio	Lower	Upper
127	100		
129	33.4	25.8	38.8
65	31.3	26.4	39.6
92	18.1	14.8	22.2



#34
Hexachlorobutadiene
Concen: 49.325 ng
RT: 10.946 min Scan# 1353
Delta R.T. -0.029 min
Lab File: BM049678.D
Acq: 28 Feb 2025 14:33

Tgt Ion:	225	Resp:	504382
Ion	Ratio	Lower	Upper
225	100		
223	61.4	50.6	75.8
227	65.1	51.8	77.6

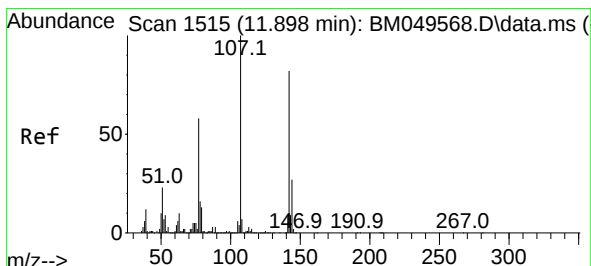
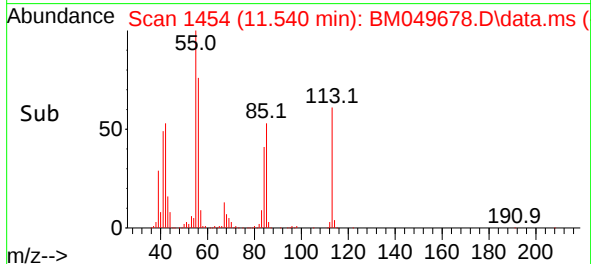
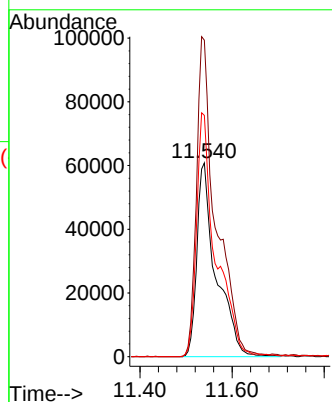
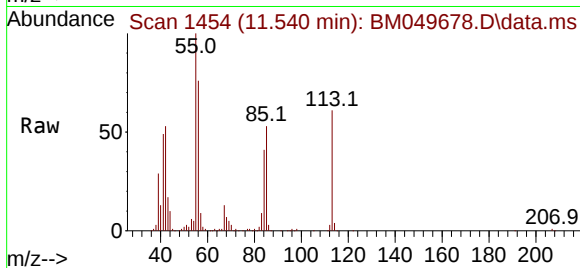




#35
Caprolactam
Concen: 41.437 ng
RT: 11.540 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BM049678.D
Acq: 28 Feb 2025 14:33

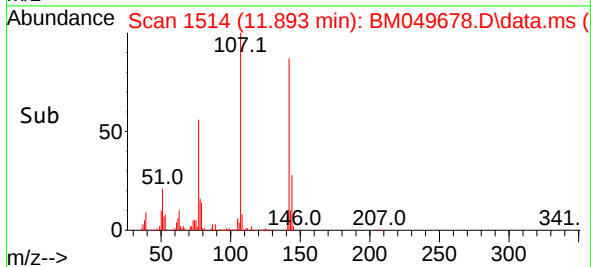
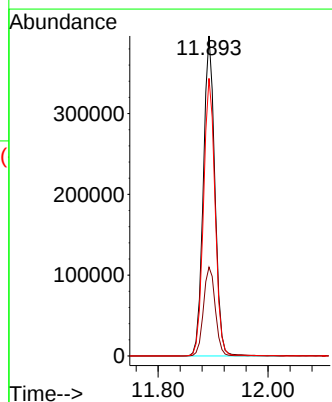
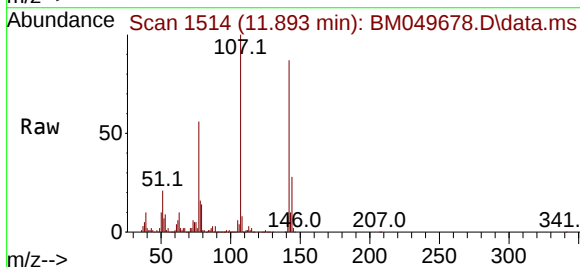
Instrument :
BNA_M
ClientSampleId :
PB166933BS

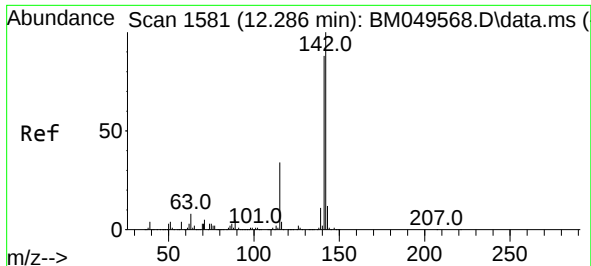
Tgt Ion:113 Resp: 176189
Ion Ratio Lower Upper
113 100
55 163.3 157.5 197.5
56 124.5 114.6 154.6



#36
4-Chloro-3-methylphenol
Concen: 41.511 ng
RT: 11.893 min Scan# 1514
Delta R.T. -0.005 min
Lab File: BM049678.D
Acq: 28 Feb 2025 14:33

Tgt Ion:107 Resp: 576986
Ion Ratio Lower Upper
107 100
144 27.8 21.2 31.8
142 86.7 65.4 98.2

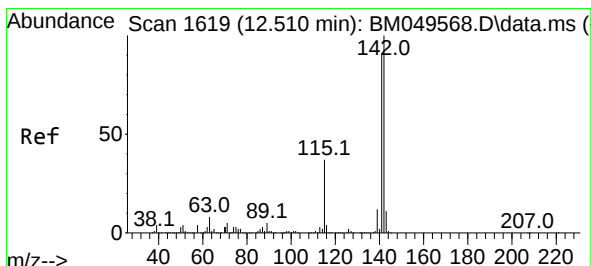
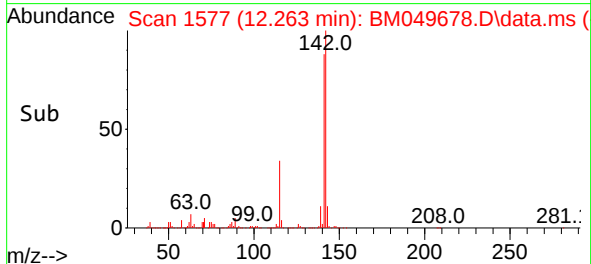
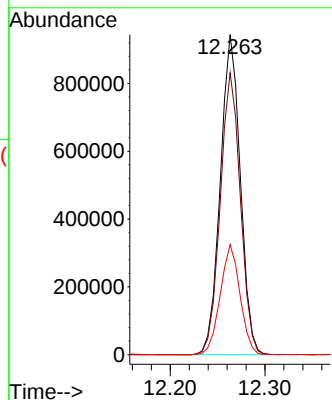
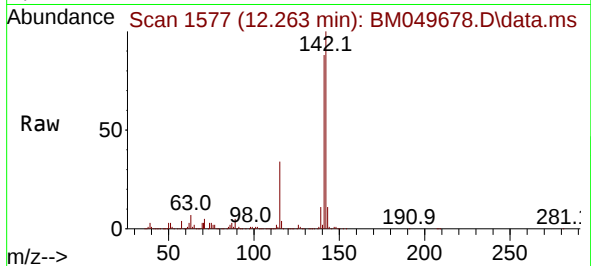




#37
2-Methylnaphthalene
Concen: 40.849 ng
RT: 12.263 min Scan# 1577
Delta R.T. -0.023 min
Lab File: BM049678.D
Acq: 28 Feb 2025 14:33

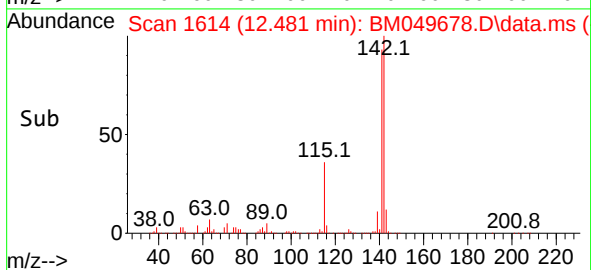
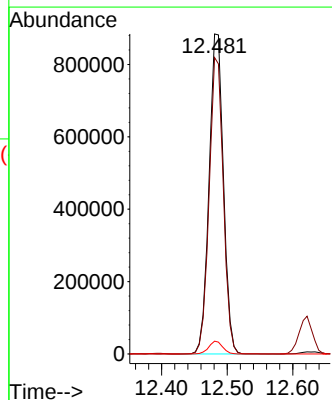
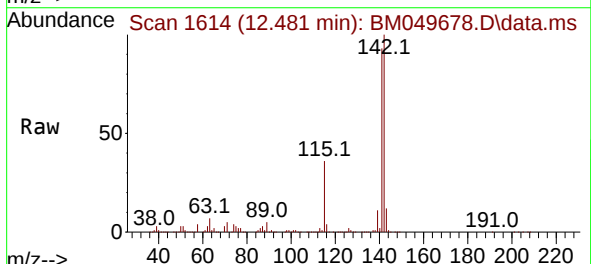
Instrument :
BNA_M
ClientSampleId :
PB166933BS

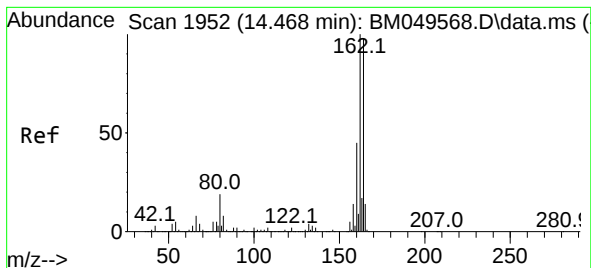
Tgt Ion:142 Resp: 1384744
Ion Ratio Lower Upper
142 100
141 88.1 70.2 105.4
115 34.4 27.5 41.3



#38
1-Methylnaphthalene
Concen: 40.827 ng
RT: 12.481 min Scan# 1614
Delta R.T. -0.029 min
Lab File: BM049678.D
Acq: 28 Feb 2025 14:33

Tgt Ion:142 Resp: 1346549
Ion Ratio Lower Upper
142 100
141 92.6 73.1 109.7
116 4.0 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.445 min Scan# 1952

Delta R.T. -0.023 min

Lab File: BM049678.D

Acq: 28 Feb 2025 14:33

Instrument :

BNA_M

ClientSampleId :

PB166933BS

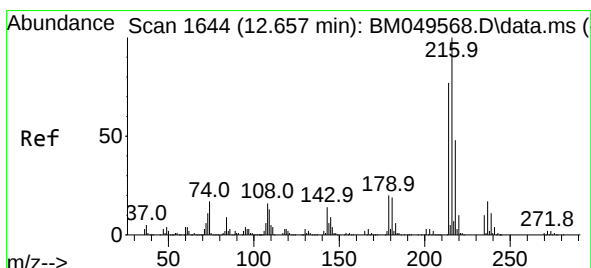
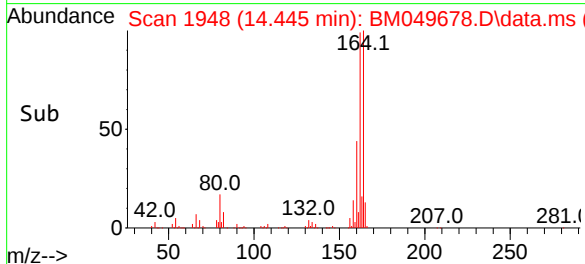
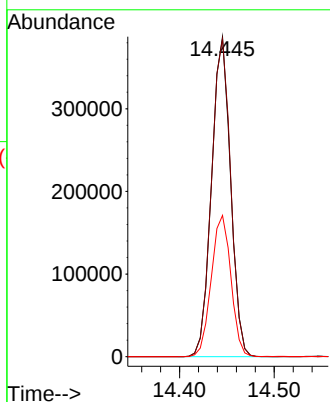
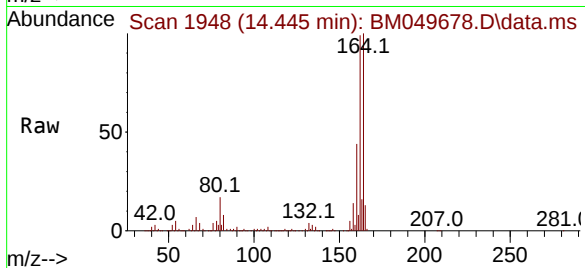
Tgt Ion:164 Resp: 538676

Ion Ratio Lower Upper

164 100

162 99.4 81.4 122.0

160 44.2 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 59.068 ng

RT: 12.634 min Scan# 1640

Delta R.T. -0.023 min

Lab File: BM049678.D

Acq: 28 Feb 2025 14:33

Tgt Ion:216 Resp: 1046148

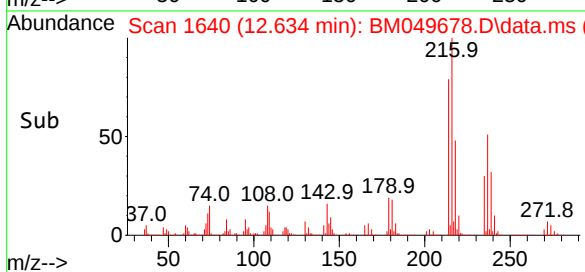
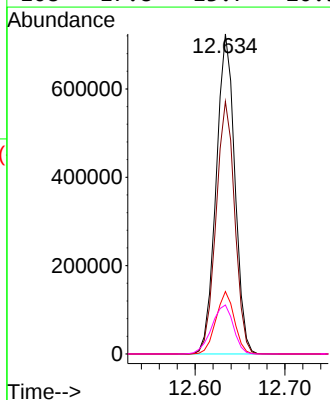
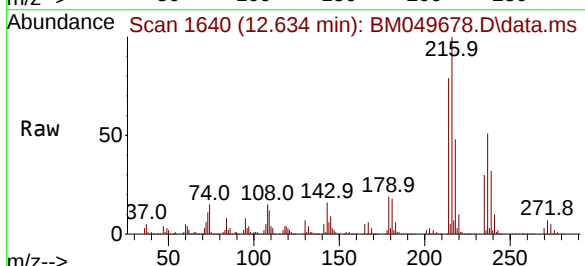
Ion Ratio Lower Upper

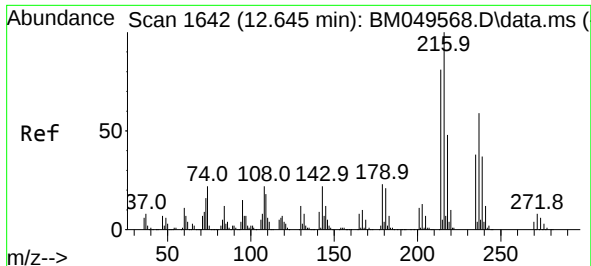
216 100

214 79.0 62.4 93.6

179 19.3 16.3 24.5

108 17.8 13.7 20.5

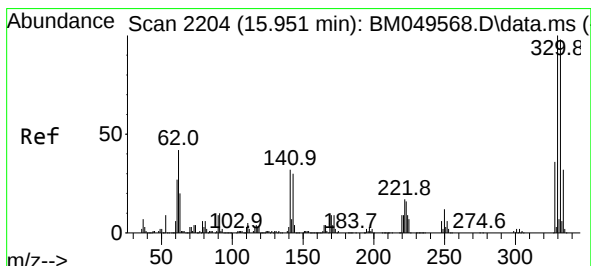
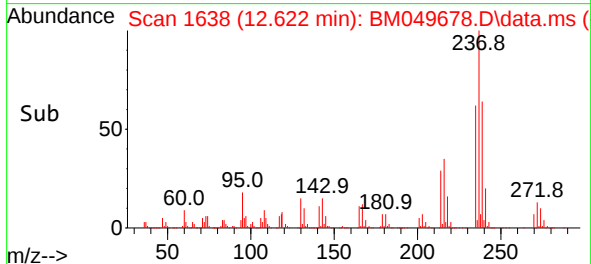
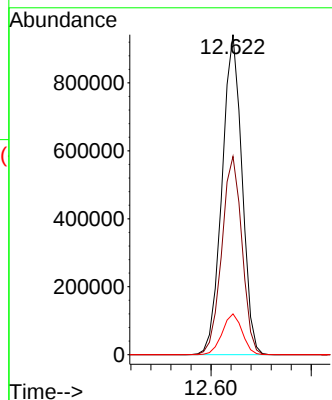
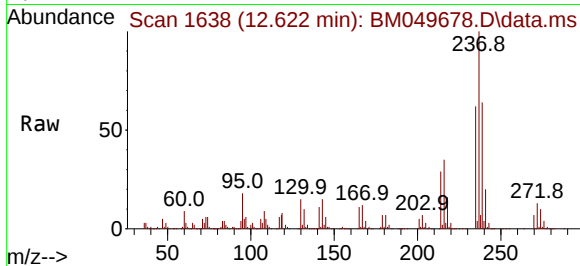




#41
Hexachlorocyclopentadiene
Concen: 287.547 ng
RT: 12.622 min Scan# 1
Delta R.T. -0.023 min
Lab File: BM049678.D
Acq: 28 Feb 2025 14:33

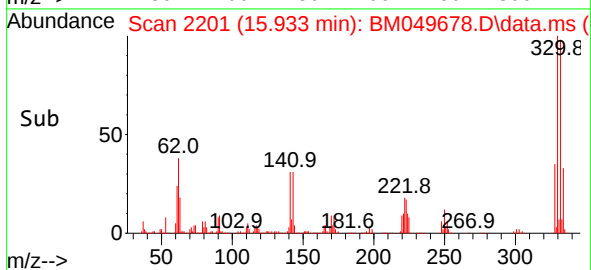
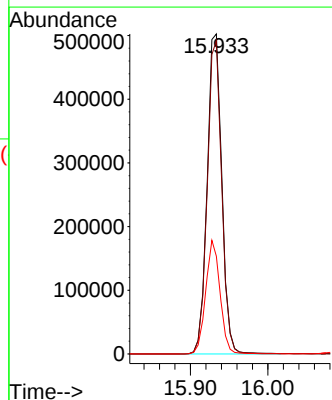
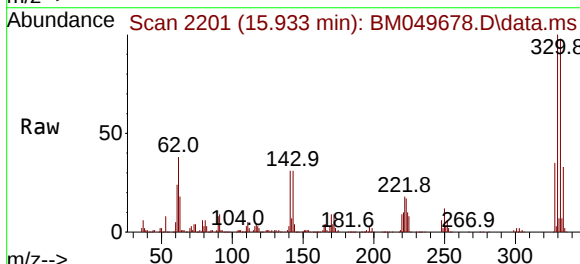
Instrument :
BNA_M
ClientSampleId :
PB166933BS

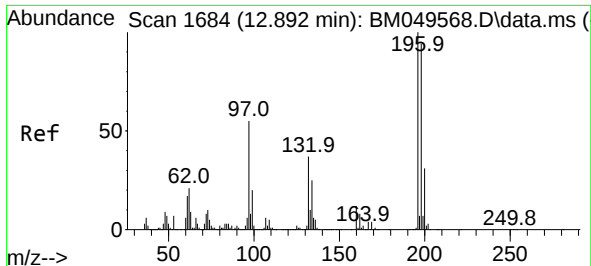
Tgt Ion:237 Resp: 1300090
Ion Ratio Lower Upper
237 100
235 62.0 43.8 83.8
272 12.8 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 103.517 ng
RT: 15.933 min Scan# 2201
Delta R.T. -0.017 min
Lab File: BM049678.D
Acq: 28 Feb 2025 14:33

Tgt Ion:330 Resp: 660737
Ion Ratio Lower Upper
330 100
332 96.1 77.3 115.9
141 34.8 28.2 42.2

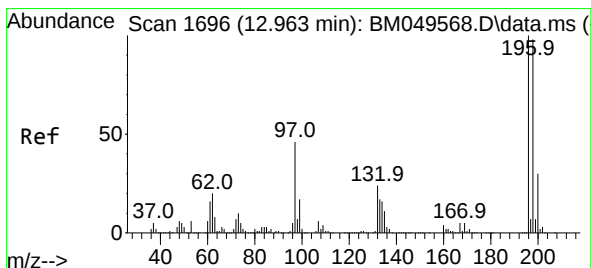
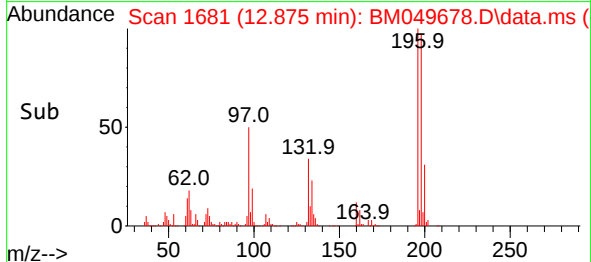
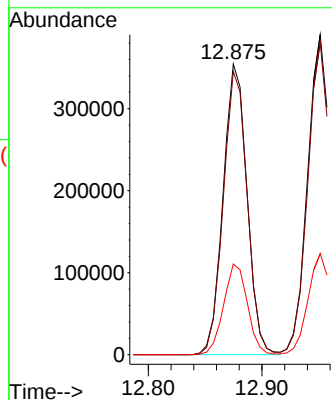
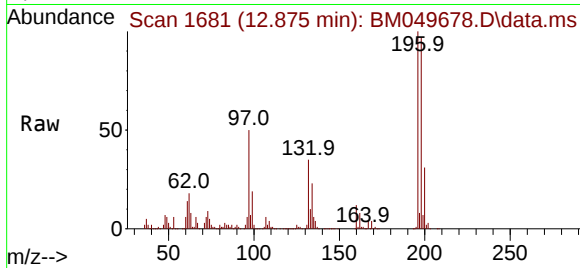




#43
2,4,6-Trichlorophenol
Concen: 53.712 ng
RT: 12.875 min Scan# 1
Delta R.T. -0.017 min
Lab File: BM049678.D
Acq: 28 Feb 2025 14:33

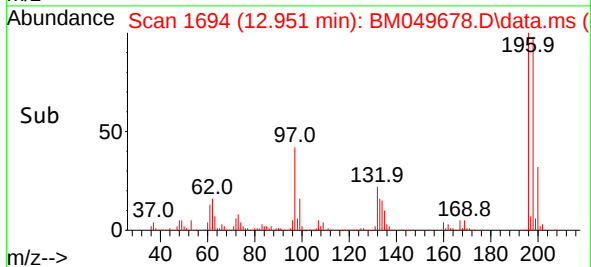
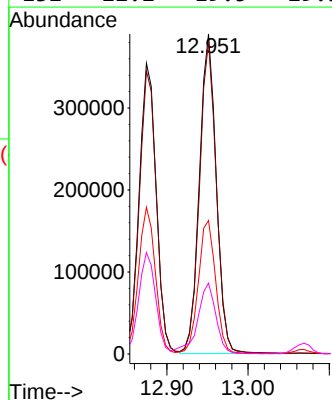
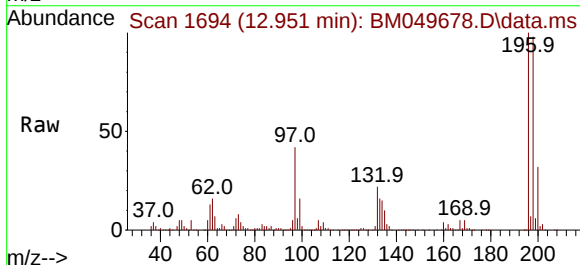
Instrument :
BNA_M
ClientSampleId :
PB166933BS

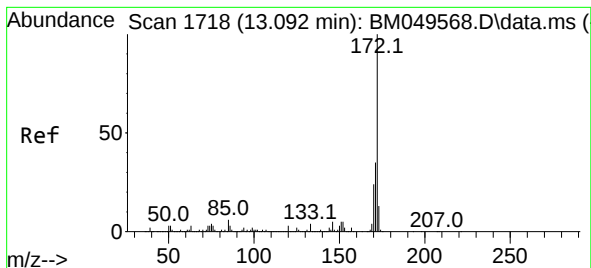
Tgt Ion:196 Resp: 519100
Ion Ratio Lower Upper
196 100
198 97.4 75.4 113.0
200 31.2 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 52.960 ng
RT: 12.951 min Scan# 1694
Delta R.T. -0.011 min
Lab File: BM049678.D
Acq: 28 Feb 2025 14:33

Tgt Ion:196 Resp: 562485
Ion Ratio Lower Upper
196 100
198 97.5 78.4 117.6
97 41.7 37.4 56.0
132 22.2 19.5 29.3





#45

2-Fluorobiphenyl

Concen: 106.933 ng

RT: 13.069 min Scan# 1

Delta R.T. -0.023 min

Lab File: BM049678.D

Acq: 28 Feb 2025 14:33

Instrument :

BNA_M

ClientSampleId :

PB166933BS

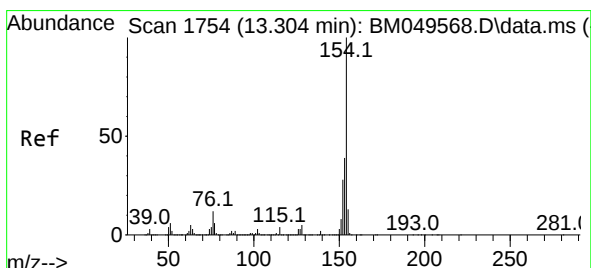
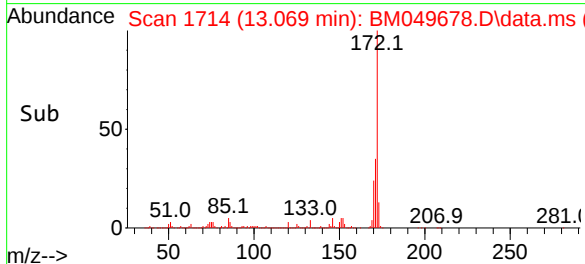
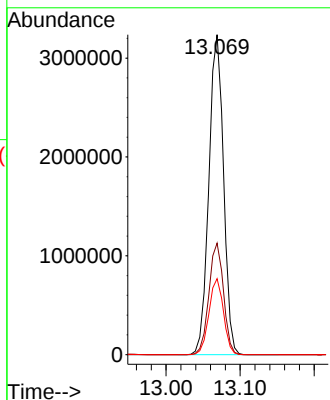
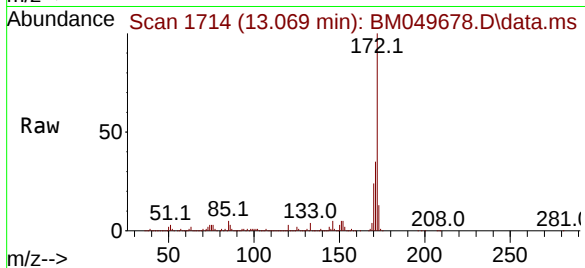
Tgt Ion:172 Resp: 4446509

Ion Ratio Lower Upper

172 100

171 34.8 28.0 42.0

170 23.8 19.0 28.4



#46

1,1'-Biphenyl

Concen: 51.019 ng

RT: 13.281 min Scan# 1750

Delta R.T. -0.023 min

Lab File: BM049678.D

Acq: 28 Feb 2025 14:33

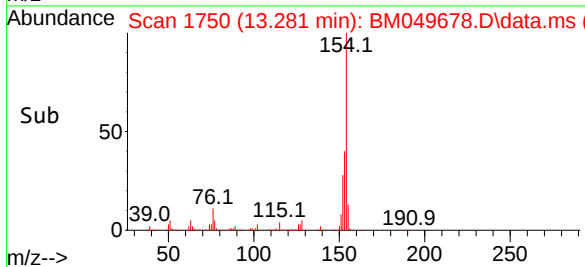
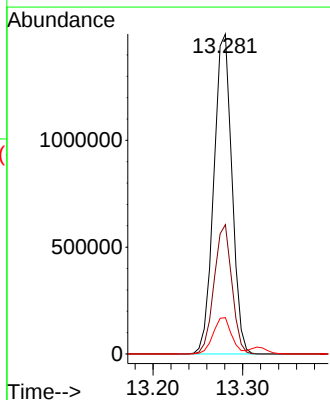
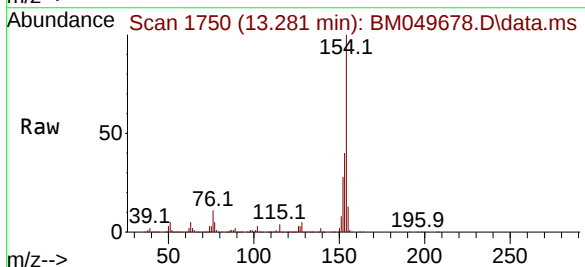
Tgt Ion:154 Resp: 2096514

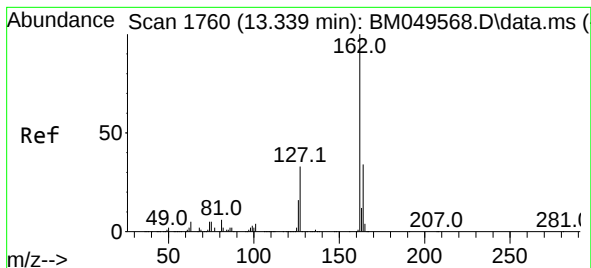
Ion Ratio Lower Upper

154 100

153 40.4 19.5 59.5

76 11.3 0.0 32.1





#47

2-Chloronaphthalene

Concen: 46.362 ng

RT: 13.316 min Scan# 1

Delta R.T. -0.023 min

Lab File: BM049678.D

Acq: 28 Feb 2025 14:33

Instrument :

BNA_M

ClientSampleId :

PB166933BS

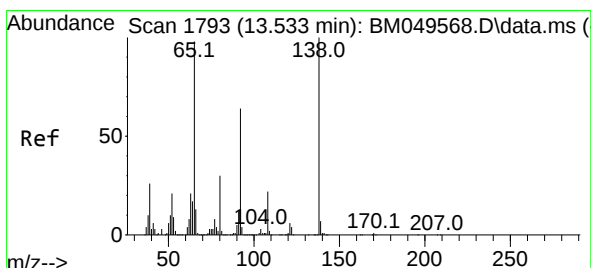
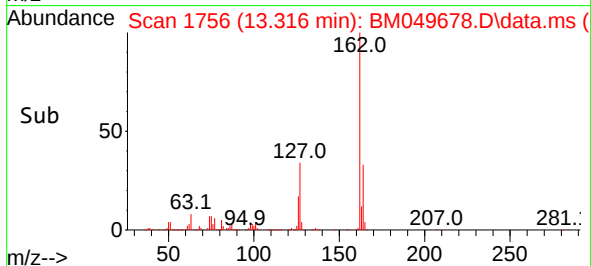
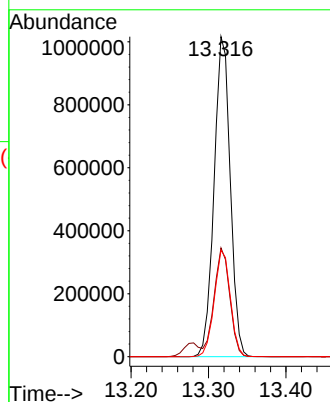
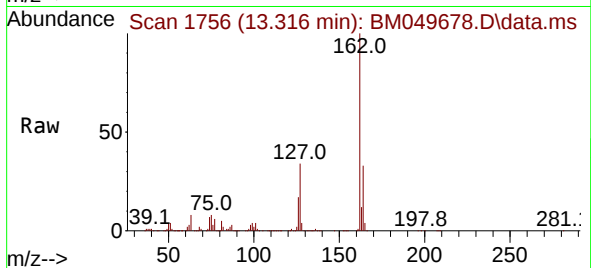
Tgt Ion:162 Resp: 1474025

Ion Ratio Lower Upper

162 100

127 34.0 27.9 41.9

164 33.3 26.8 40.2



#48

2-Nitroaniline

Concen: 42.932 ng

RT: 13.516 min Scan# 1790

Delta R.T. -0.017 min

Lab File: BM049678.D

Acq: 28 Feb 2025 14:33

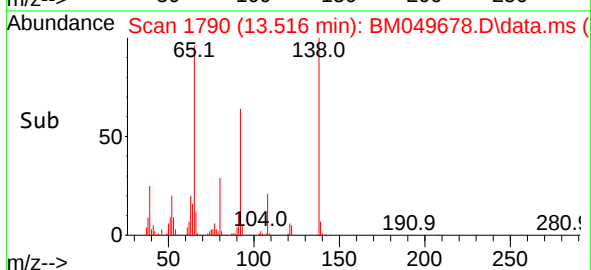
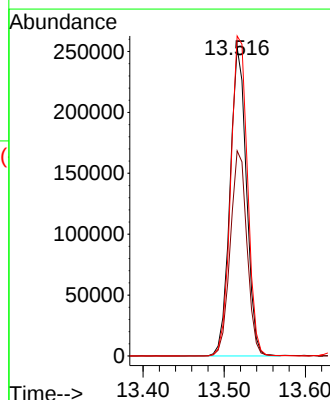
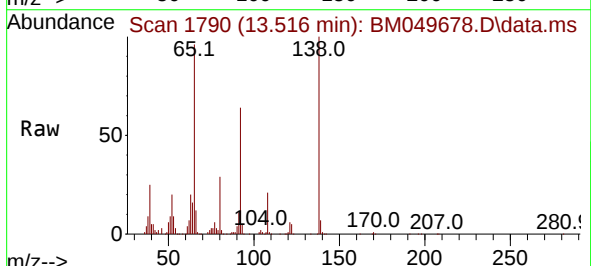
Tgt Ion: 65 Resp: 355890

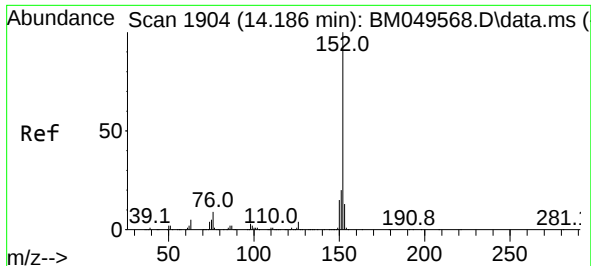
Ion Ratio Lower Upper

65 100

92 66.5 52.0 78.0

138 103.7 81.6 122.4

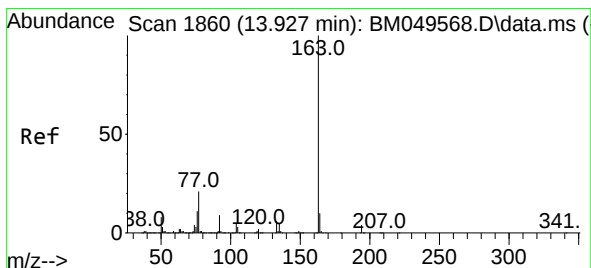
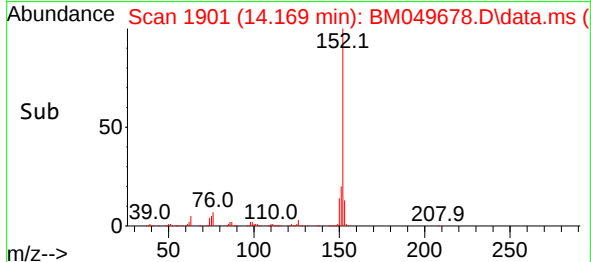
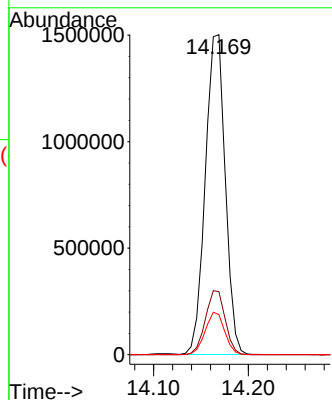
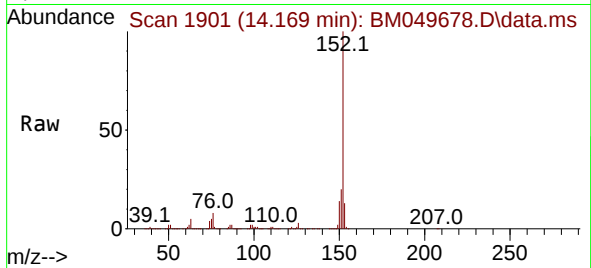




#49
Acenaphthylene
Concen: 46.758 ng
RT: 14.169 min Scan# 1904
Delta R.T. -0.017 min
Lab File: BM049678.D
Acq: 28 Feb 2025 14:33

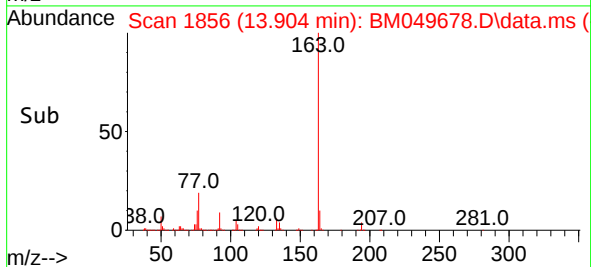
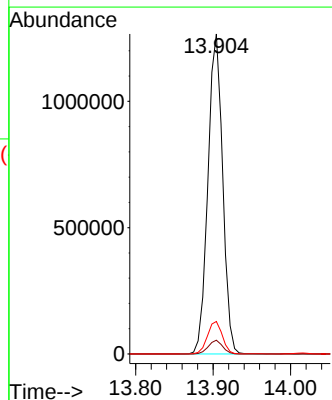
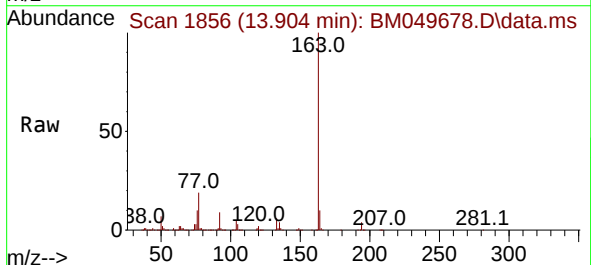
Instrument :
BNA_M
ClientSampleId :
PB166933BS

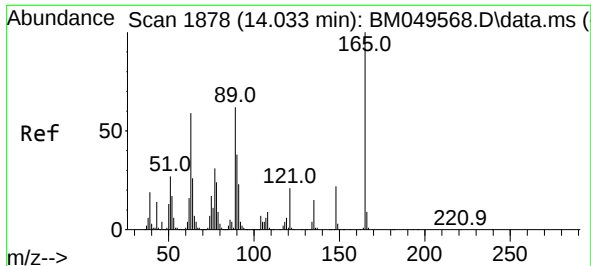
Tgt Ion:152 Resp: 2192096
Ion Ratio Lower Upper
152 100
151 19.7 16.2 24.4
153 12.5 10.6 16.0



#50
Dimethylphthalate
Concen: 43.181 ng
RT: 13.904 min Scan# 1856
Delta R.T. -0.023 min
Lab File: BM049678.D
Acq: 28 Feb 2025 14:33

Tgt Ion:163 Resp: 1670447
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.1 8.1 12.1

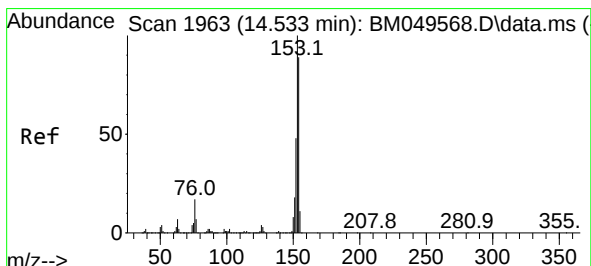
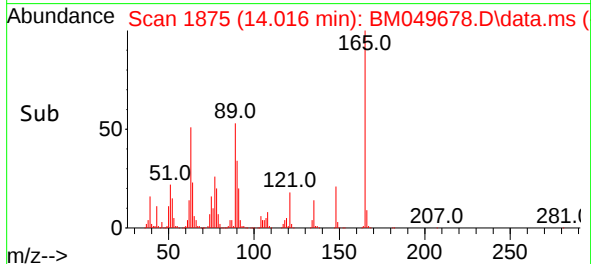
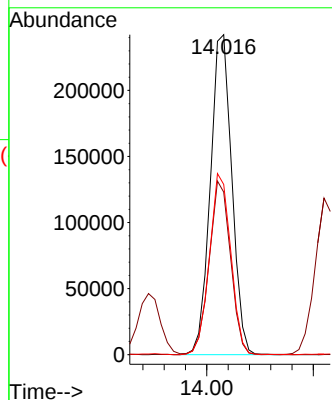
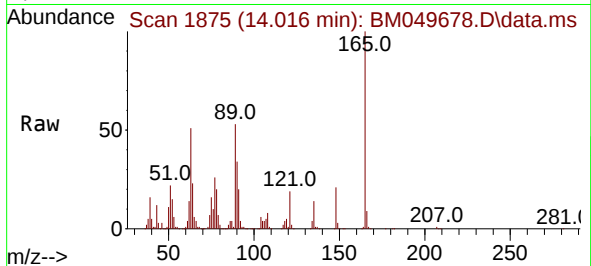




#51
2,6-Dinitrotoluene
Concen: 50.625 ng
RT: 14.016 min Scan# 1
Delta R.T. -0.017 min
Lab File: BM049678.D
Acq: 28 Feb 2025 14:33

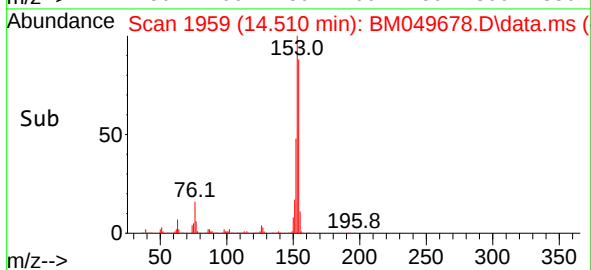
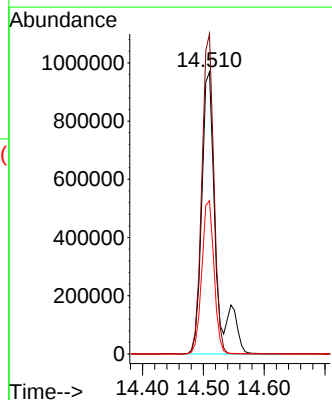
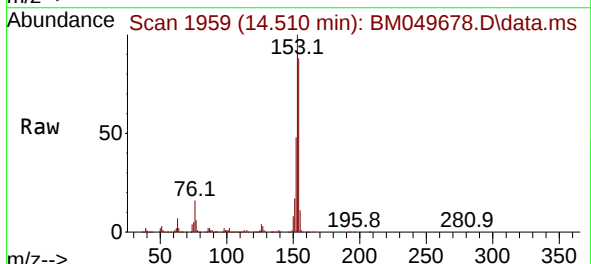
Instrument :
BNA_M
ClientSampleId :
PB166933BS

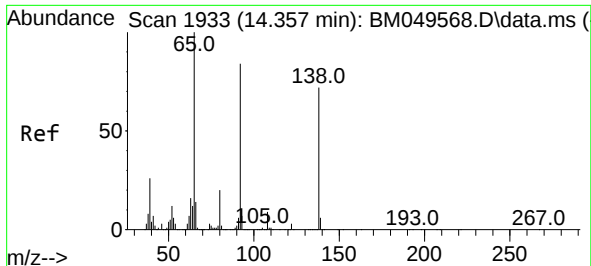
Tgt Ion:165 Resp: 338880
Ion Ratio Lower Upper
165 100
63 50.8 47.8 71.6
89 53.2 49.2 73.8



#52
Acenaphthene
Concen: 50.280 ng m
RT: 14.510 min Scan# 1959
Delta R.T. -0.023 min
Lab File: BM049678.D
Acq: 28 Feb 2025 14:33

Tgt Ion:154 Resp: 1564633
Ion Ratio Lower Upper
154 100
153 113.5 90.0 135.0
152 54.4 43.0 64.4

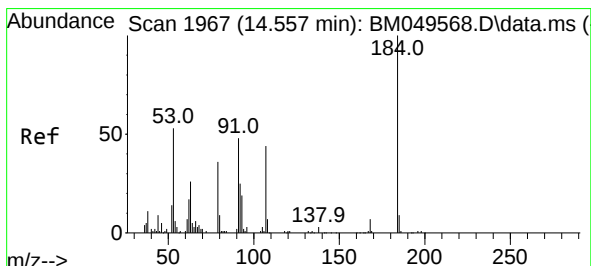
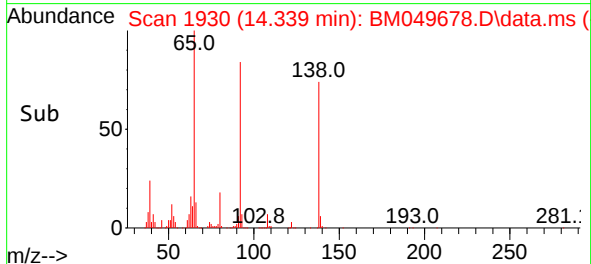
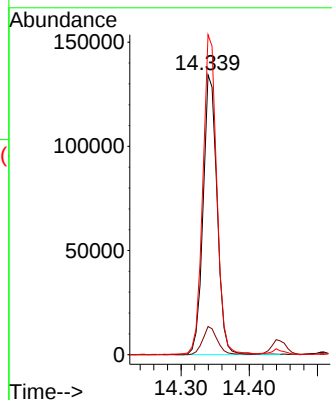
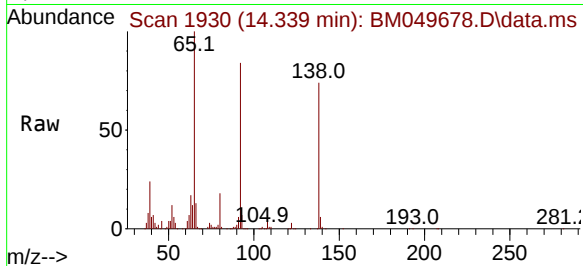




#53
3-Nitroaniline
Concen: 28.193 ng
RT: 14.339 min Scan# 1930
Delta R.T. -0.017 min
Lab File: BM049678.D
Acq: 28 Feb 2025 14:33

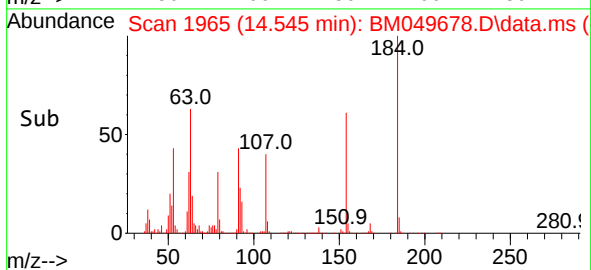
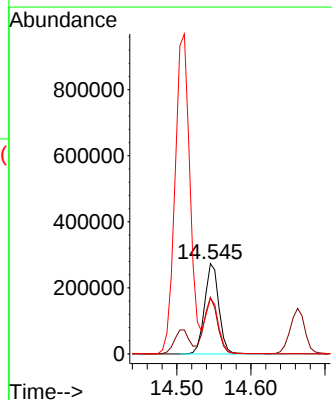
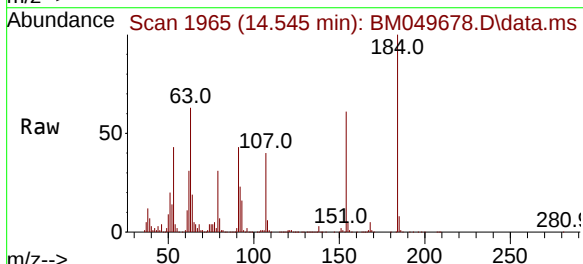
Instrument :
BNA_M
ClientSampleId :
PB166933BS

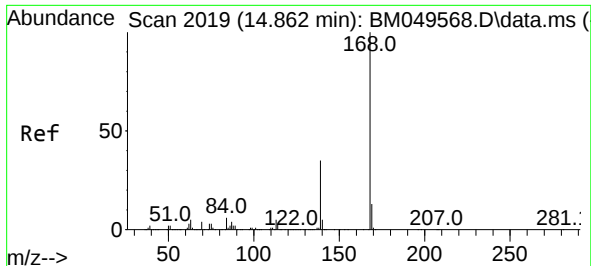
Tgt Ion:138 Resp: 192148
Ion Ratio Lower Upper
138 100
108 10.1 10.3 15.5#
92 114.3 93.6 140.4



#54
2,4-Dinitrophenol
Concen: 115.277 ng
RT: 14.545 min Scan# 1965
Delta R.T. -0.011 min
Lab File: BM049678.D
Acq: 28 Feb 2025 14:33

Tgt Ion:184 Resp: 366816
Ion Ratio Lower Upper
184 100
63 62.8 60.2 90.4
154 61.4 78.2 117.4#

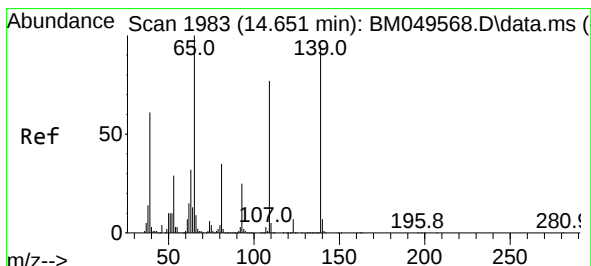
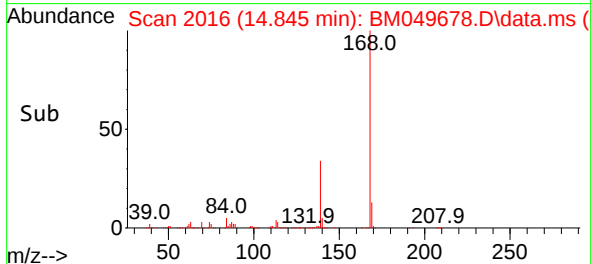
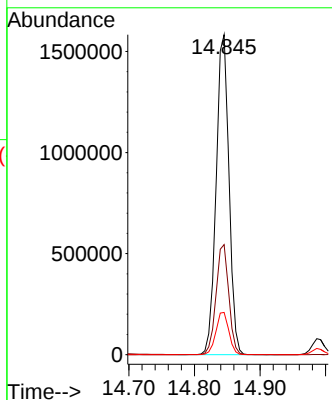
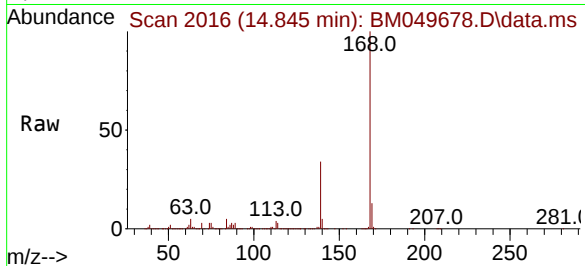




#55
Dibenzofuran
Concen: 43.181 ng
RT: 14.845 min Scan# 2019
Delta R.T. -0.017 min
Lab File: BM049678.D
Acq: 28 Feb 2025 14:33

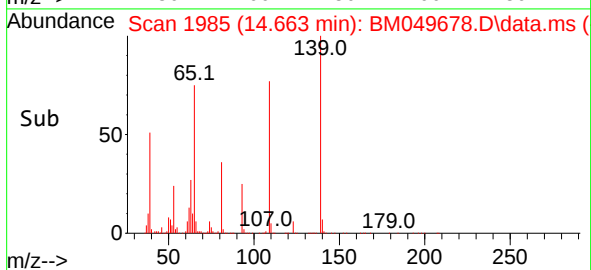
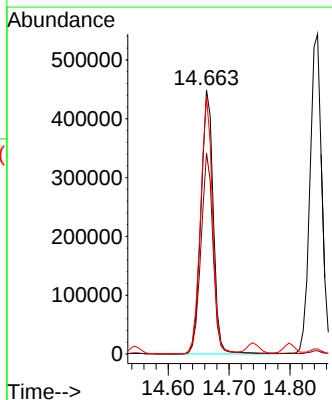
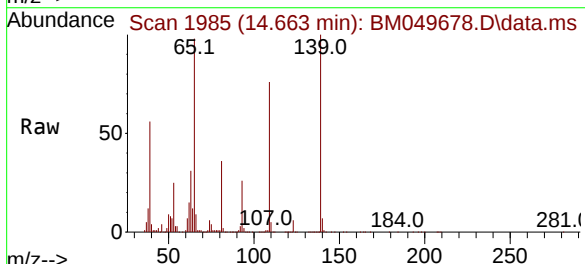
Instrument :
BNA_M
ClientSampleId :
PB166933BS

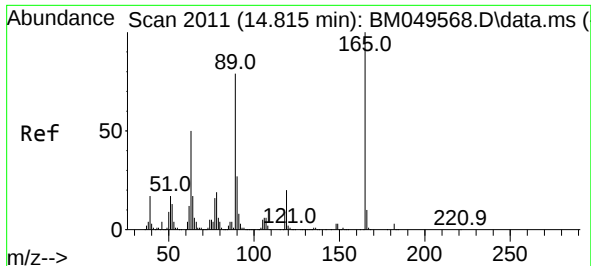
Tgt Ion:168 Resp: 2139633
Ion Ratio Lower Upper
168 100
139 34.4 28.4 42.6
169 13.2 10.8 16.2



#56
4-Nitrophenol
Concen: 110.002 ng
RT: 14.663 min Scan# 1985
Delta R.T. 0.012 min
Lab File: BM049678.D
Acq: 28 Feb 2025 14:33

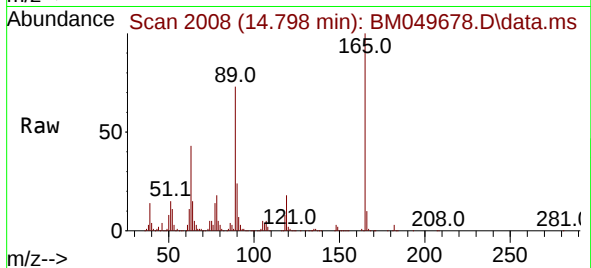
Tgt Ion:139 Resp: 631980
Ion Ratio Lower Upper
139 100
109 76.1 61.4 101.4
65 97.6 85.6 125.6



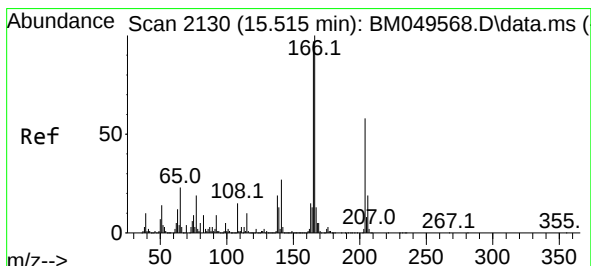
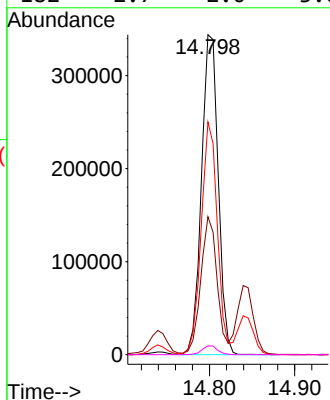
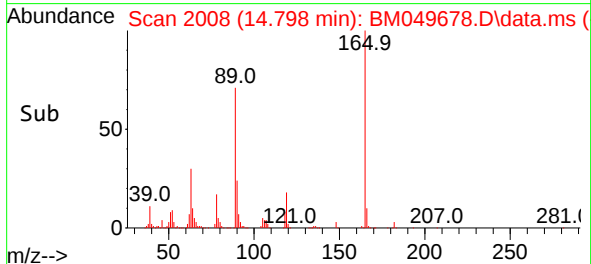


#57
2,4-Dinitrotoluene
Concen: 49.720 ng
RT: 14.798 min Scan# 2011
Delta R.T. -0.017 min
Lab File: BM049678.D
Acq: 28 Feb 2025 14:33

Instrument :
BNA_M
ClientSampleId :
PB166933BS

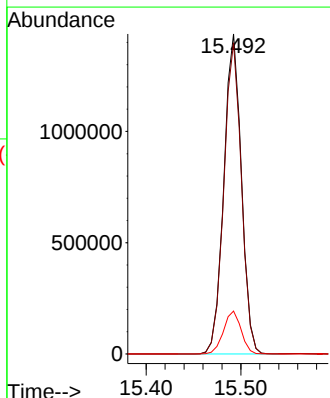
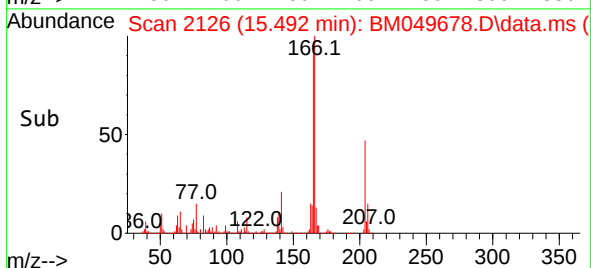
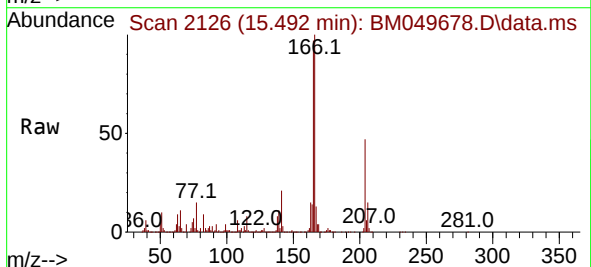


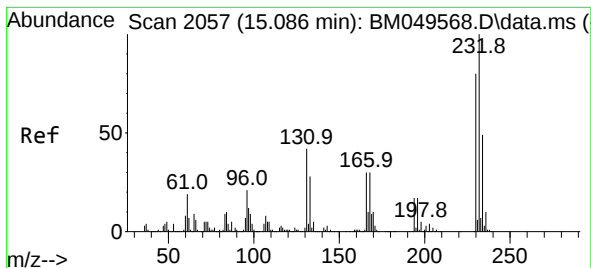
Tgt Ion:165 Resp: 469749
Ion Ratio Lower Upper
165 100
63 43.1 39.8 59.6
89 72.7 63.5 95.3
182 2.7 2.0 3.0



#58
Fluorene
Concen: 43.724 ng
RT: 15.492 min Scan# 2126
Delta R.T. -0.023 min
Lab File: BM049678.D
Acq: 28 Feb 2025 14:33

Tgt Ion:166 Resp: 1853371
Ion Ratio Lower Upper
166 100
165 97.3 77.7 116.5
167 13.4 10.7 16.1

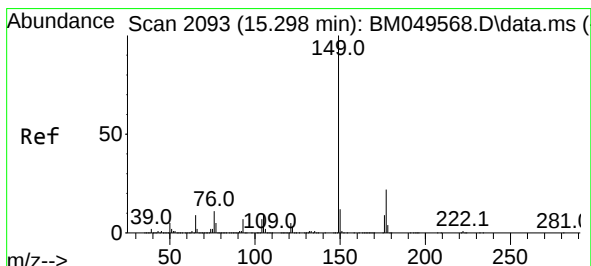
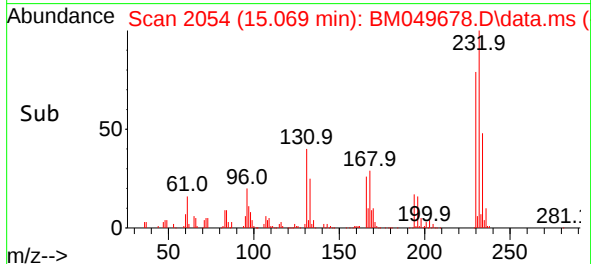
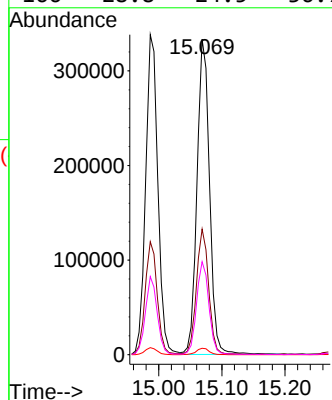
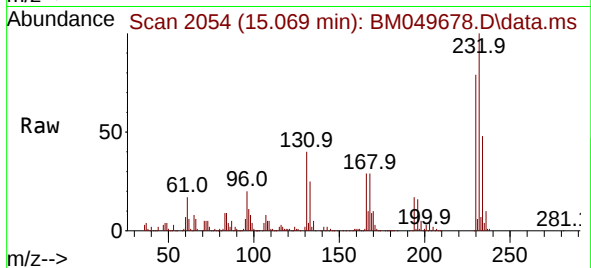




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.108 ng
RT: 15.069 min Scan# 2054
Delta R.T. -0.017 min
Lab File: BM049678.D
Acq: 28 Feb 2025 14:33

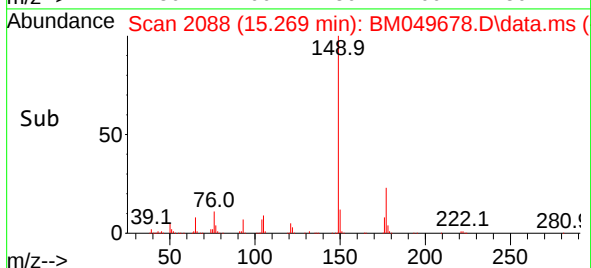
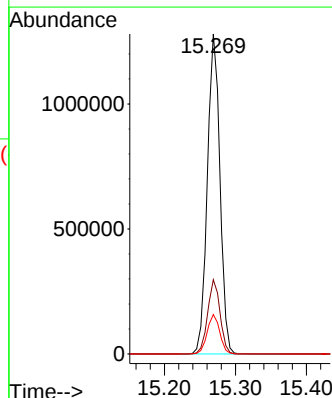
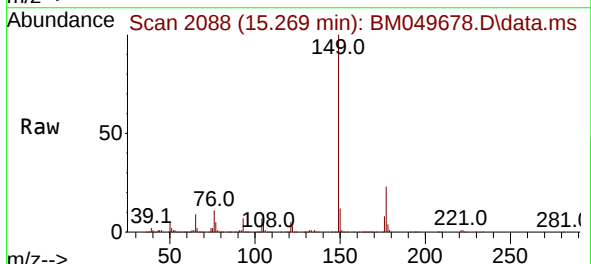
Instrument :
BNA_M
ClientSampleId :
PB166933BS

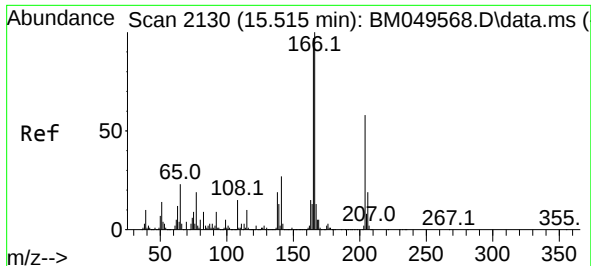
Tgt Ion:232 Resp: 458599
Ion Ratio Lower Upper
232 100
131 39.1 34.5 51.7
130 2.1 1.9 2.9
166 28.8 24.5 36.7



#60
Diethylphthalate
Concen: 40.647 ng
RT: 15.269 min Scan# 2088
Delta R.T. -0.029 min
Lab File: BM049678.D
Acq: 28 Feb 2025 14:33

Tgt Ion:149 Resp: 1580275
Ion Ratio Lower Upper
149 100
177 23.2 18.0 27.0
150 12.3 9.7 14.5

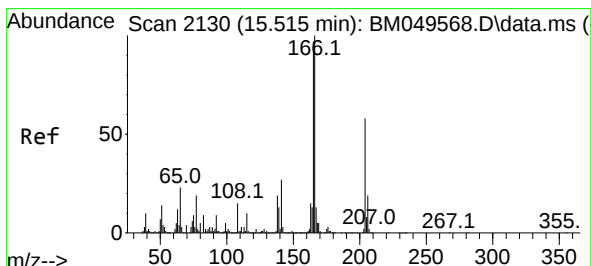
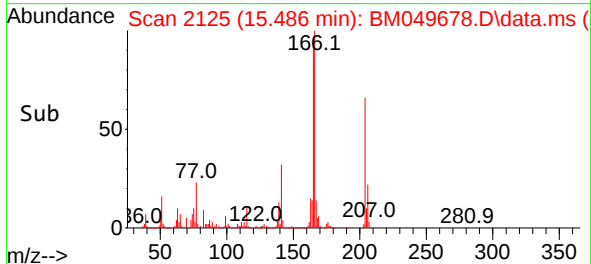
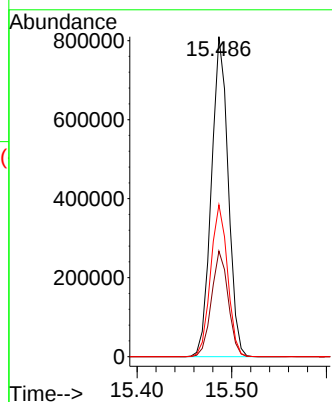
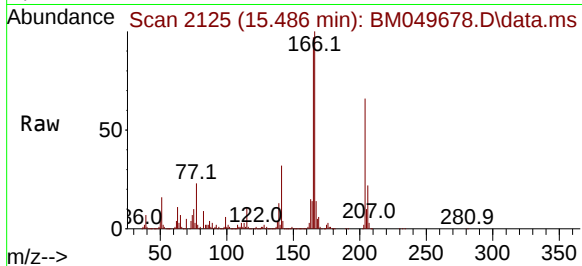




#61
4-Chlorophenyl-phenylether
Concen: 44.133 ng
RT: 15.486 min Scan# 2125
Delta R.T. -0.029 min
Lab File: BM049678.D
Acq: 28 Feb 2025 14:33

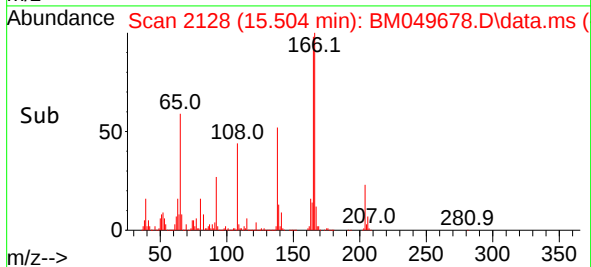
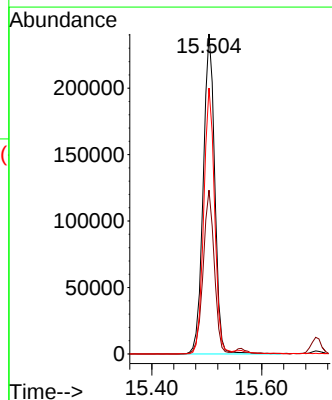
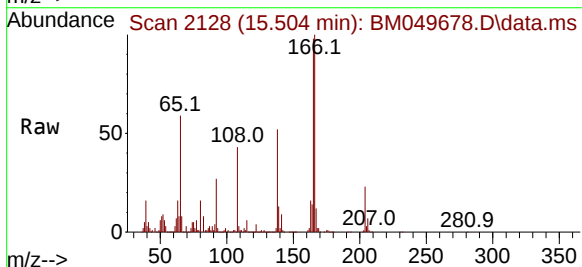
Instrument :
BNA_M
ClientSampleId :
PB166933BS

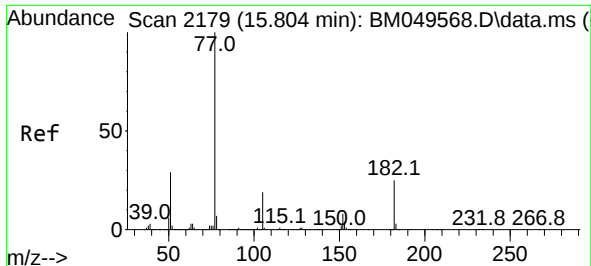
Tgt Ion:204 Resp: 995696
Ion Ratio Lower Upper
204 100
206 33.0 26.0 39.0
141 47.5 37.1 55.7



#62
4-Nitroaniline
Concen: 40.558 ng
RT: 15.504 min Scan# 2128
Delta R.T. -0.011 min
Lab File: BM049678.D
Acq: 28 Feb 2025 14:33

Tgt Ion:138 Resp: 351385
Ion Ratio Lower Upper
138 100
92 51.2 29.3 69.3
108 83.1 60.1 100.1



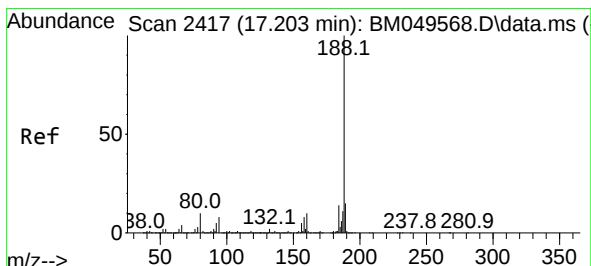
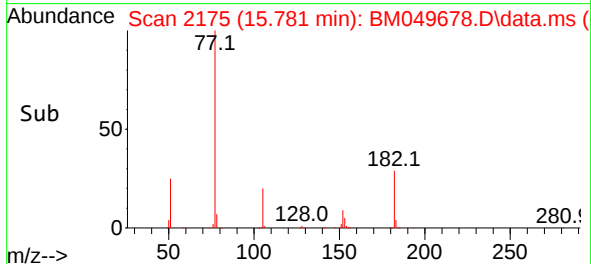
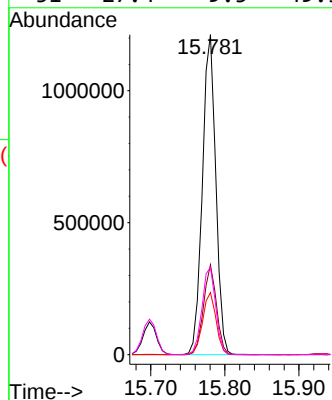
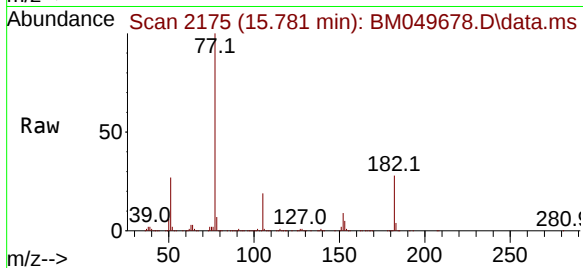


#63
Azobenzene
Concen: 37.648 ng
RT: 15.781 min Scan# 2175
Delta R.T. -0.023 min
Lab File: BM049678.D
Acq: 28 Feb 2025 14:33

Instrument :
BNA_M
ClientSampleId :
PB166933BS

Tgt Ion: 77 Resp: 1527745

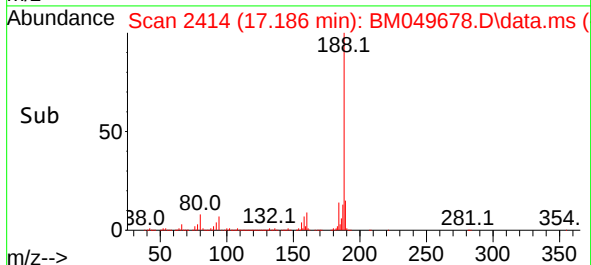
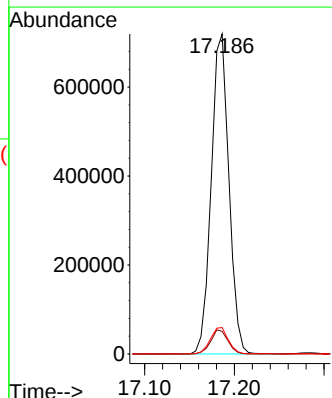
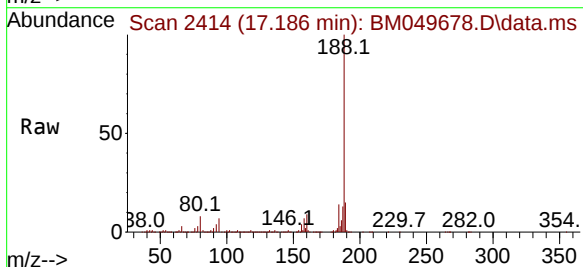
Ion	Ratio	Lower	Upper
77	100		
182	28.1	4.7	44.7
105	19.4	0.0	39.3
51	27.4	9.5	49.5

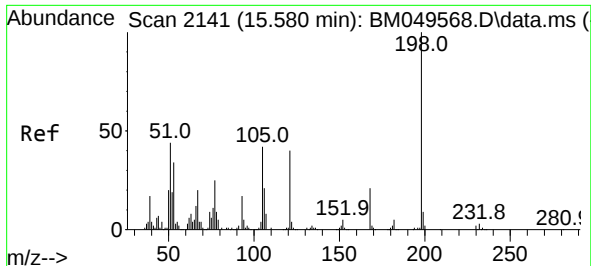


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.186 min Scan# 2414
Delta R.T. -0.017 min
Lab File: BM049678.D
Acq: 28 Feb 2025 14:33

Tgt Ion: 188 Resp: 982355

Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.7	10.1
80	8.2	7.7	11.5

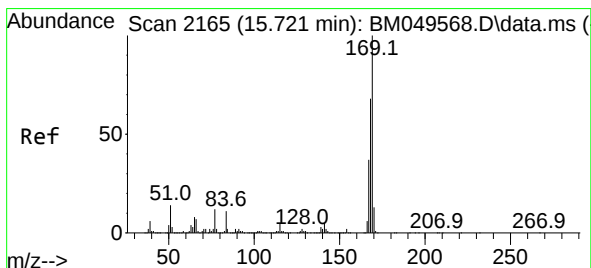
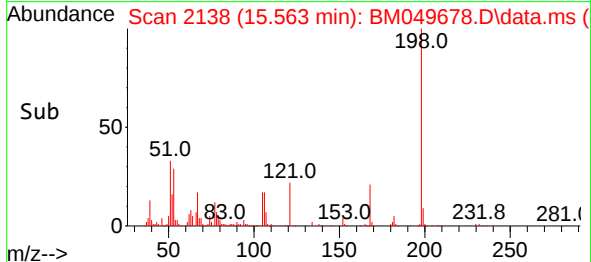
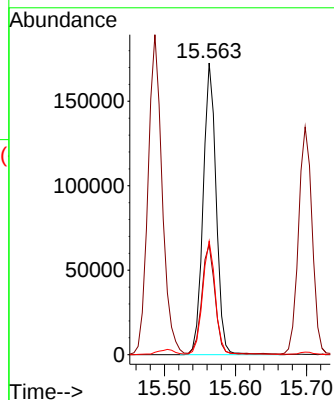
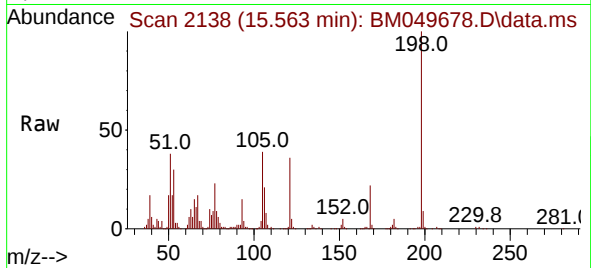




#65
4,6-Dinitro-2-methylphenol
Concen: 65.568 ng
RT: 15.563 min Scan# 2141
Delta R.T. -0.017 min
Lab File: BM049678.D
Acq: 28 Feb 2025 14:33

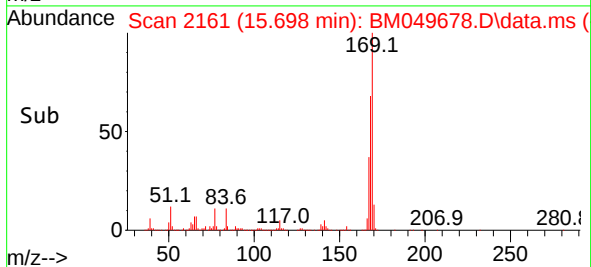
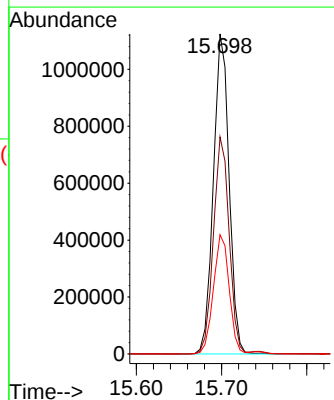
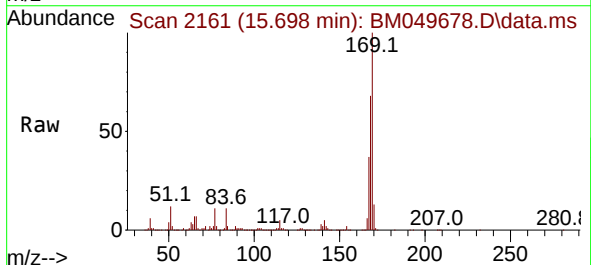
Instrument :
BNA_M
ClientSampleId :
PB166933BS

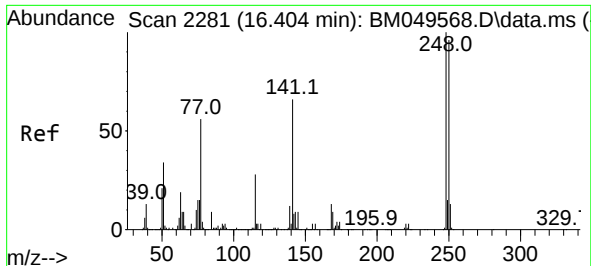
Tgt Ion:198 Resp: 220506
Ion Ratio Lower Upper
198 100
51 37.7 26.9 66.9
105 38.9 22.8 62.8



#66
n-Nitrosodiphenylamine
Concen: 46.407 ng
RT: 15.698 min Scan# 2161
Delta R.T. -0.023 min
Lab File: BM049678.D
Acq: 28 Feb 2025 14:33

Tgt Ion:169 Resp: 1437704
Ion Ratio Lower Upper
169 100
168 67.8 54.2 81.4
167 37.2 29.5 44.3

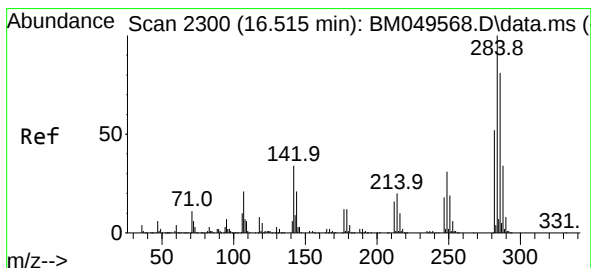
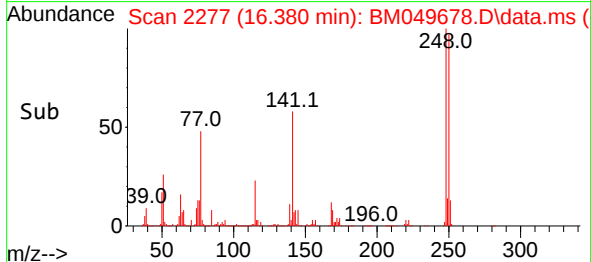
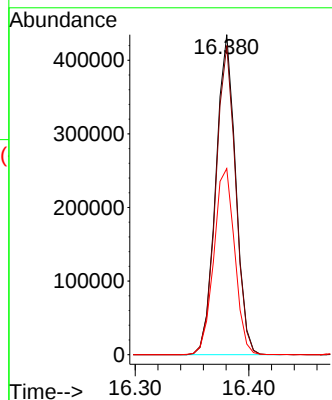
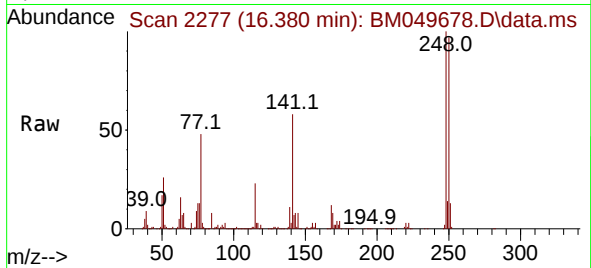




#67
4-Bromophenyl-phenylether
Concen: 46.304 ng
RT: 16.380 min Scan# 21
Delta R.T. -0.023 min
Lab File: BM049678.D
Acq: 28 Feb 2025 14:33

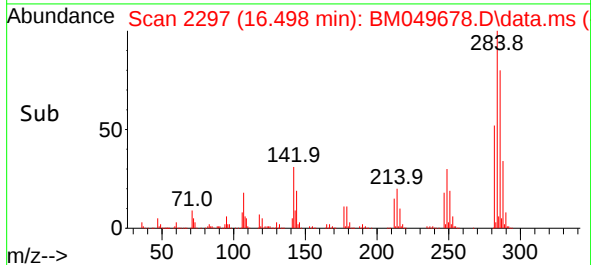
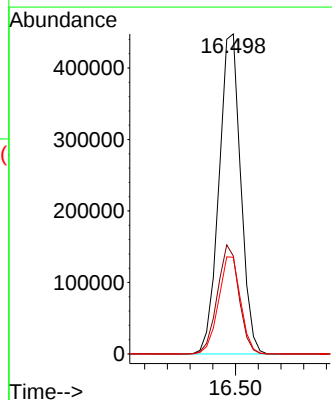
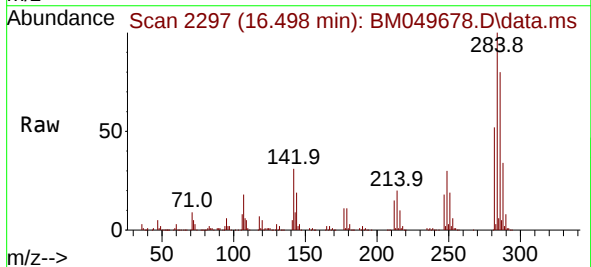
Instrument :
BNA_M
ClientSampleId :
PB166933BS

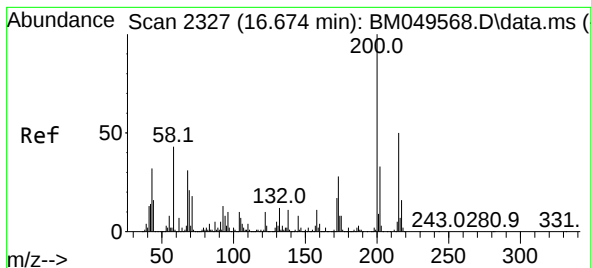
Tgt Ion:248 Resp: 528445
Ion Ratio Lower Upper
248 100
250 96.6 77.0 115.4
141 58.1 53.0 79.4



#68
Hexachlorobenzene
Concen: 45.419 ng
RT: 16.498 min Scan# 2297
Delta R.T. -0.017 min
Lab File: BM049678.D
Acq: 28 Feb 2025 14:33

Tgt Ion:284 Resp: 594929
Ion Ratio Lower Upper
284 100
142 30.6 27.1 40.7
249 30.2 24.6 36.8





#69

Atrazine

Concen: 58.239 ng

RT: 16.651 min Scan# 21

Delta R.T. -0.023 min

Lab File: BM049678.D

Acq: 28 Feb 2025 14:33

Instrument :

BNA_M

ClientSampleId :

PB166933BS

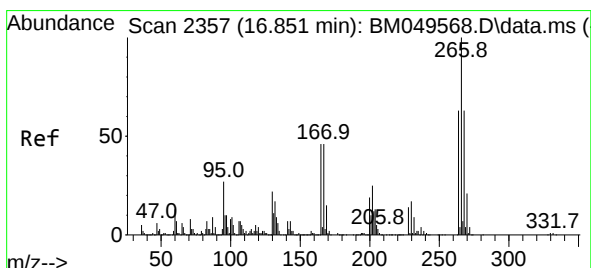
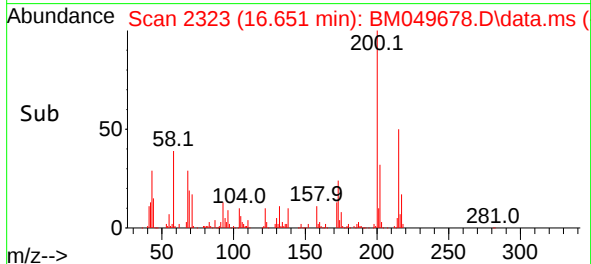
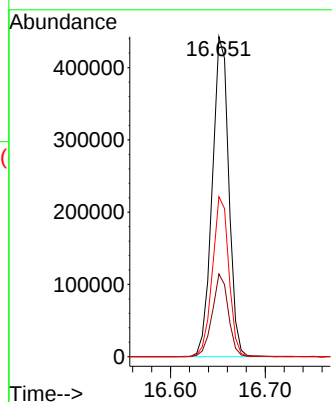
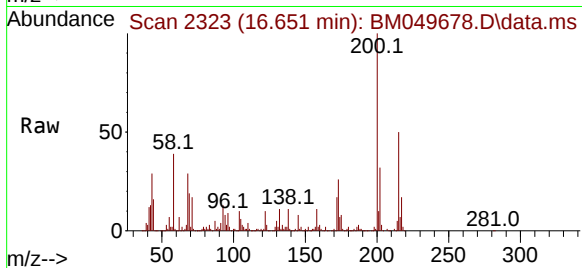
Tgt Ion:200 Resp: 536347

Ion Ratio Lower Upper

200 100

173 25.9 7.6 47.6

215 50.0 30.2 70.2



#70

Pentachlorophenol

Concen: 91.054 ng

RT: 16.839 min Scan# 2355

Delta R.T. -0.011 min

Lab File: BM049678.D

Acq: 28 Feb 2025 14:33

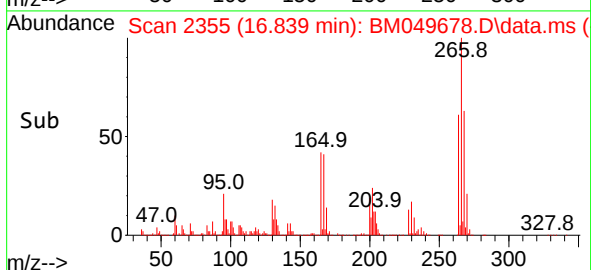
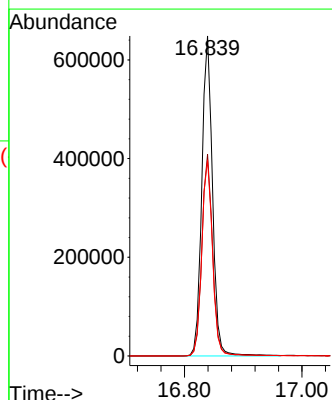
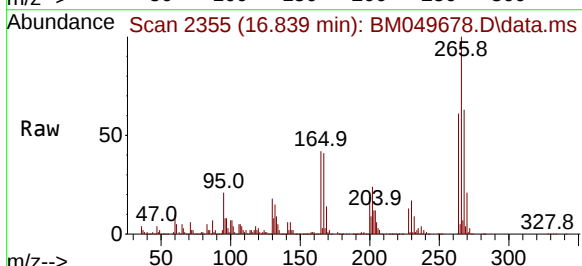
Tgt Ion:266 Resp: 815419

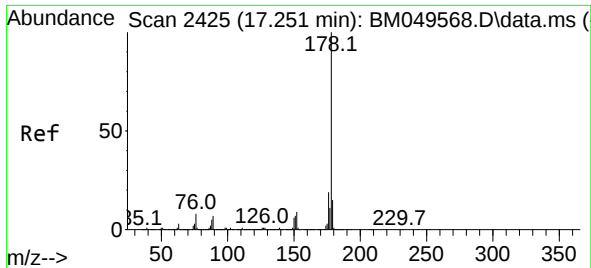
Ion Ratio Lower Upper

266 100

268 63.0 50.8 76.2

264 61.3 50.0 75.0

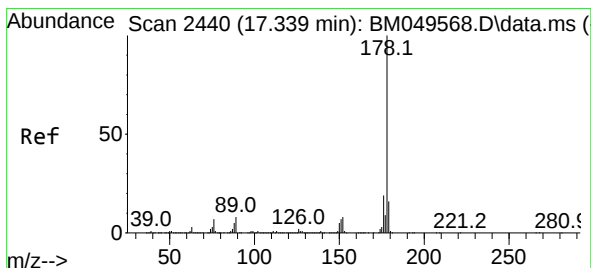
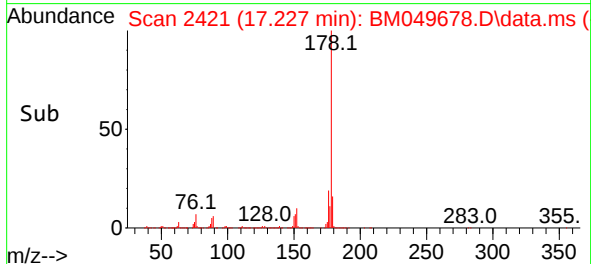
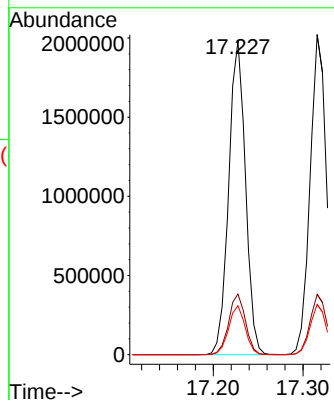
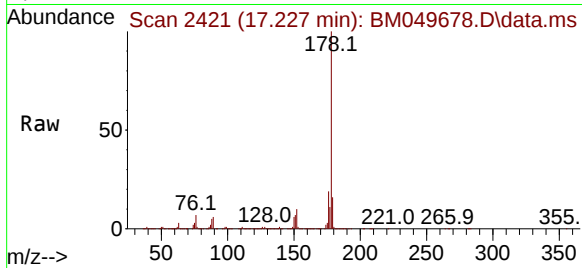




#71
Phenanthrene
Concen: 46.001 ng
RT: 17.227 min Scan# 24
Delta R.T. -0.023 min
Lab File: BM049678.D
Acq: 28 Feb 2025 14:33

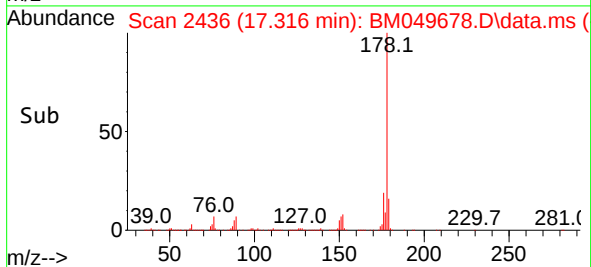
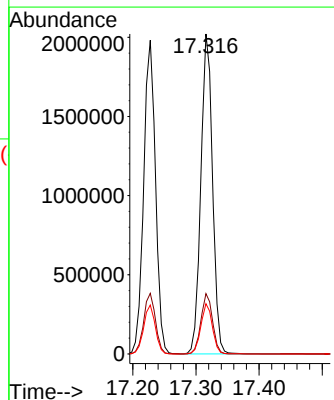
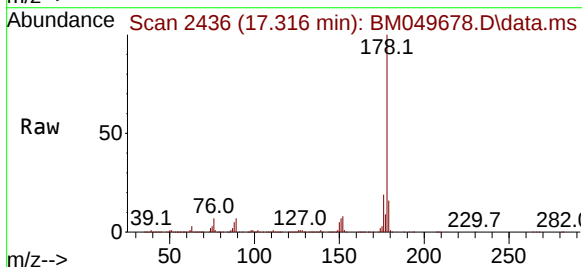
Instrument :
BNA_M
ClientSampleId :
PB166933BS

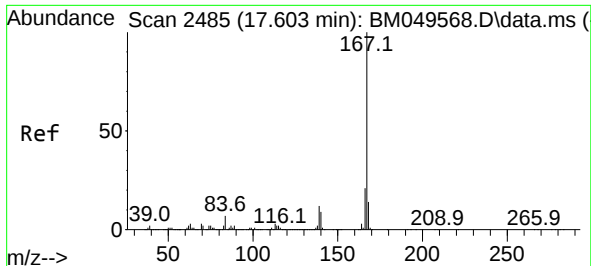
Tgt Ion:178 Resp: 2574399
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.6 12.2 18.2



#72
Anthracene
Concen: 46.762 ng
RT: 17.316 min Scan# 2436
Delta R.T. -0.023 min
Lab File: BM049678.D
Acq: 28 Feb 2025 14:33

Tgt Ion:178 Resp: 2591267
Ion Ratio Lower Upper
178 100
176 18.9 15.2 22.8
179 15.7 12.4 18.6

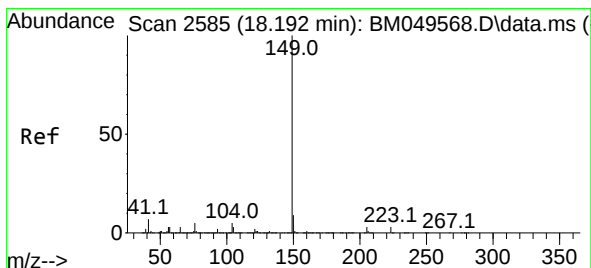
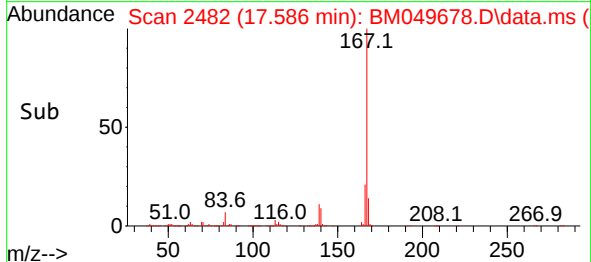
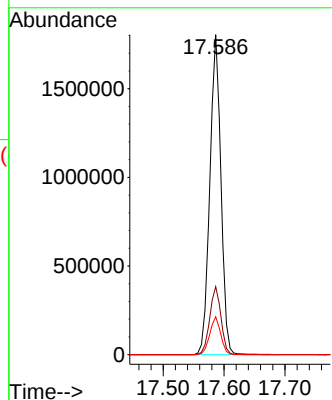
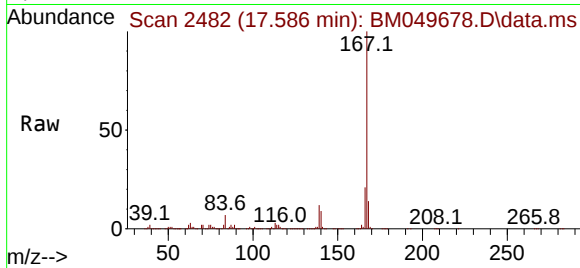




#73
 Carbazole
 Concen: 46.956 ng
 RT: 17.586 min Scan# 24
 Delta R.T. -0.017 min
 Lab File: BM049678.D
 Acq: 28 Feb 2025 14:33

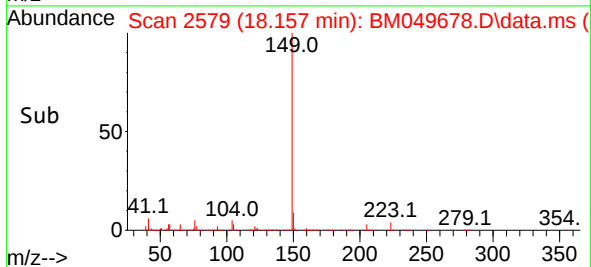
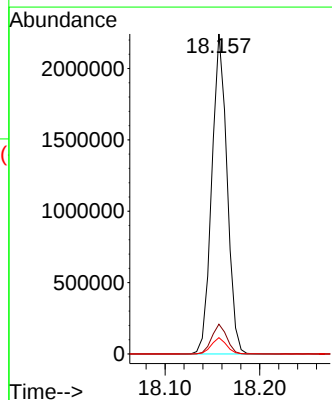
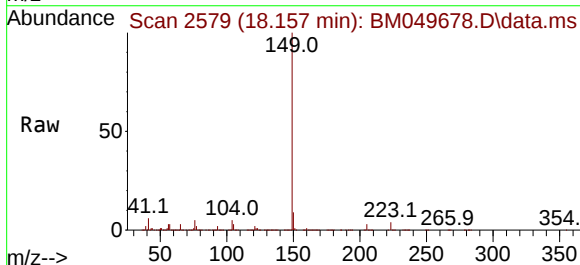
Instrument :
 BNA_M
 ClientSampleId :
 PB166933BS

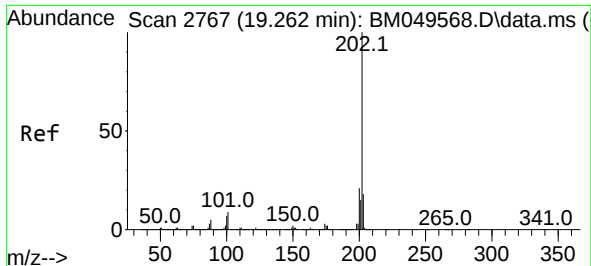
Tgt Ion:167 Resp: 2283771
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.2 25.8
 139 11.9 9.6 14.4



#74
 Di-n-butylphthalate
 Concen: 40.521 ng
 RT: 18.157 min Scan# 2579
 Delta R.T. -0.035 min
 Lab File: BM049678.D
 Acq: 28 Feb 2025 14:33

Tgt Ion:149 Resp: 2500669
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 5.1 4.1 6.1

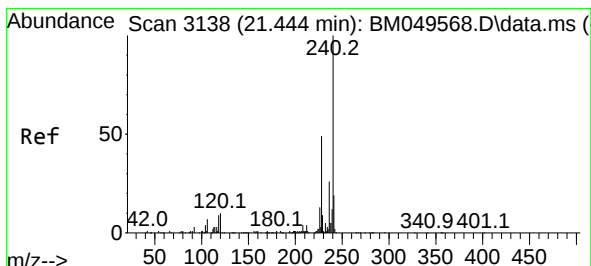
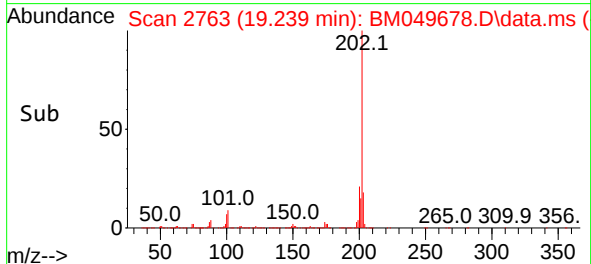
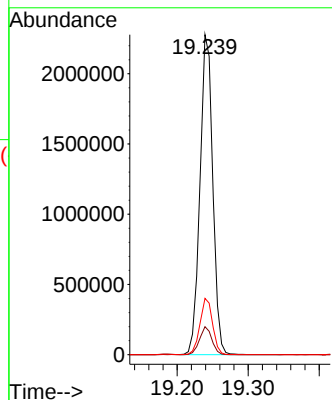
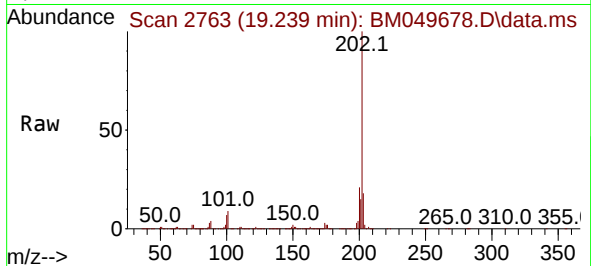




#75
Fluoranthene
Concen: 43.603 ng
RT: 19.239 min Scan# 21
Delta R.T. -0.023 min
Lab File: BM049678.D
Acq: 28 Feb 2025 14:33

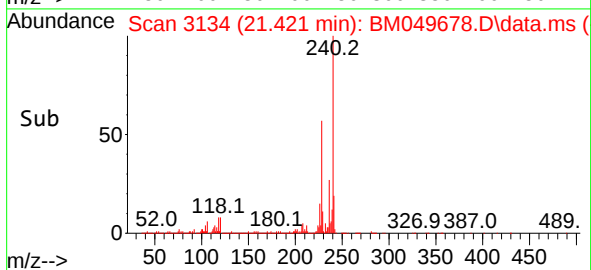
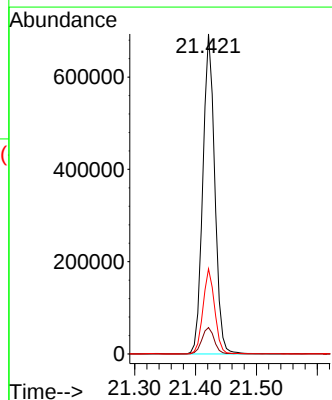
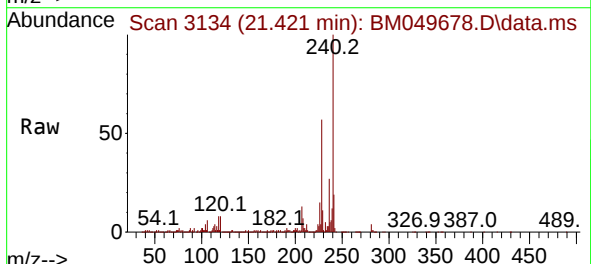
Instrument :
BNA_M
ClientSampleId :
PB166933BS

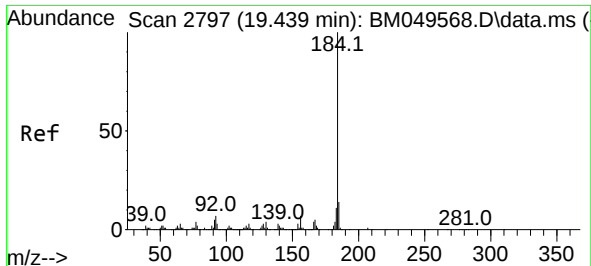
Tgt Ion:202 Resp: 2856890
Ion Ratio Lower Upper
202 100
101 8.8 0.0 29.1
203 17.6 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 3134
Delta R.T. -0.023 min
Lab File: BM049678.D
Acq: 28 Feb 2025 14:33

Tgt Ion:240 Resp: 942998
Ion Ratio Lower Upper
240 100
120 8.2 7.8 11.8
236 26.6 20.6 31.0

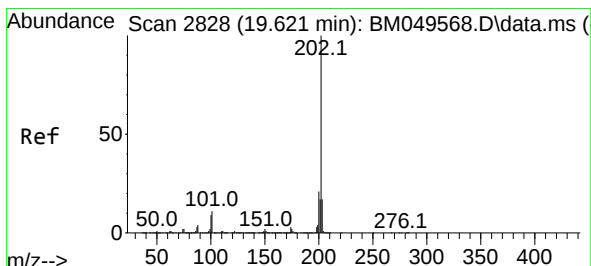
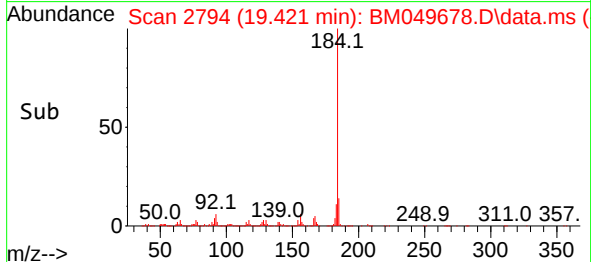
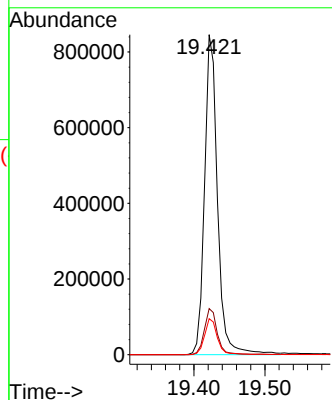
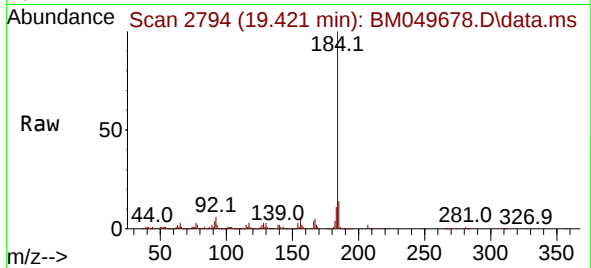




#77
Benzidine
Concen: 128.606 ng
RT: 19.421 min Scan# 21
Delta R.T. -0.017 min
Lab File: BM049678.D
Acq: 28 Feb 2025 14:33

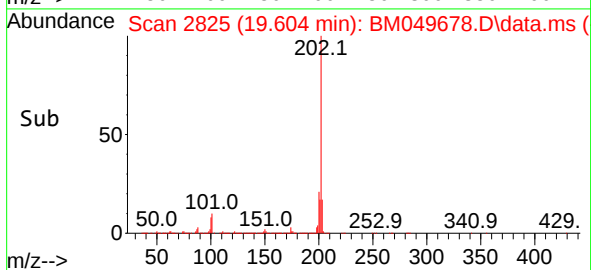
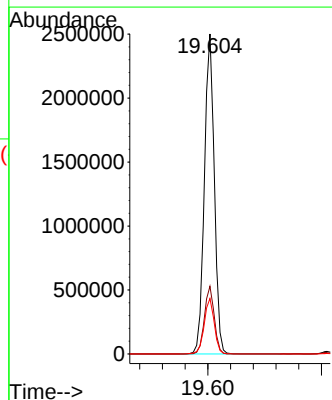
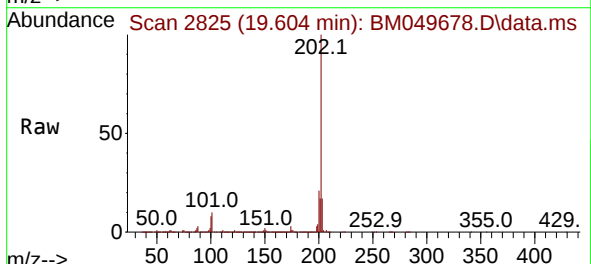
Instrument :
BNA_M
ClientSampleId :
PB166933BS

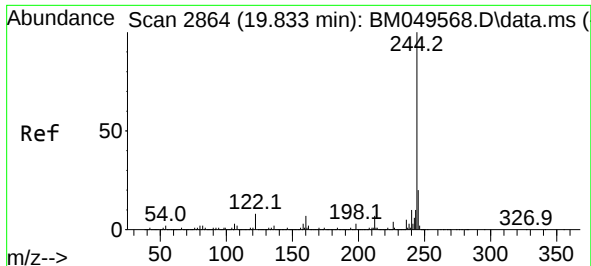
Tgt Ion:184 Resp: 1073962
Ion Ratio Lower Upper
184 100
185 14.4 11.6 17.4
183 11.2 8.9 13.3



#78
Pyrene
Concen: 42.830 ng
RT: 19.604 min Scan# 2825
Delta R.T. -0.017 min
Lab File: BM049678.D
Acq: 28 Feb 2025 14:33

Tgt Ion:202 Resp: 3024177
Ion Ratio Lower Upper
202 100
200 21.1 16.8 25.2
203 17.4 13.8 20.8

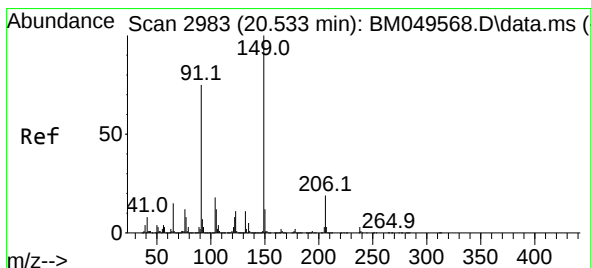
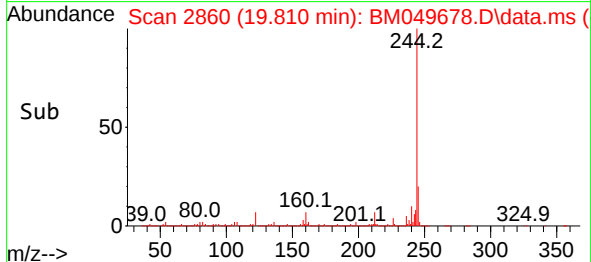
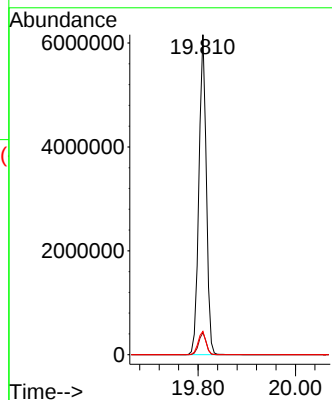
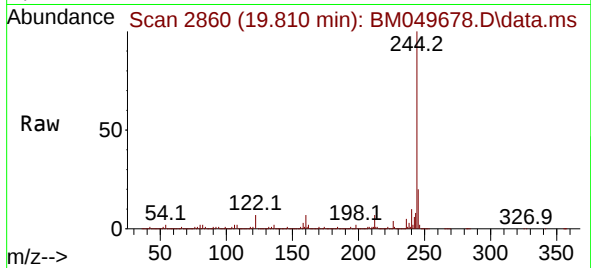




#79
 Terphenyl-d14
 Concen: 106.013 ng
 RT: 19.810 min Scan# 21
 Delta R.T. -0.023 min
 Lab File: BM049678.D
 Acq: 28 Feb 2025 14:33

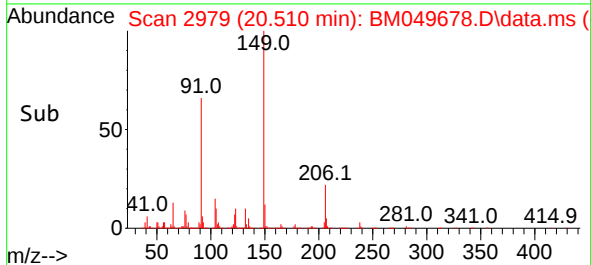
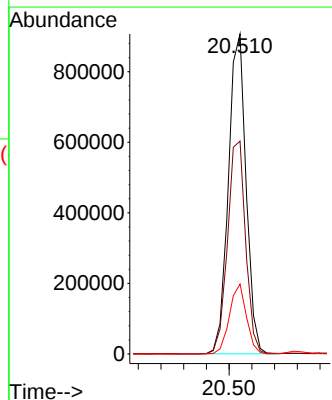
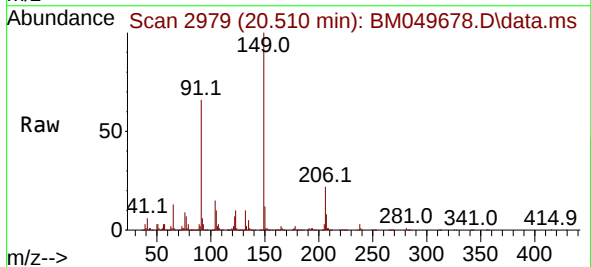
Instrument :
 BNA_M
 ClientSampleId :
 PB166933BS

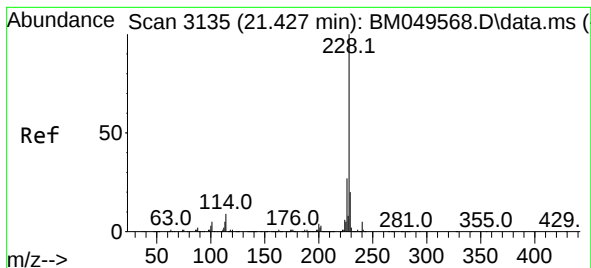
Tgt Ion:244 Resp: 6546627
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 7.3 6.2 9.2



#80
 Butylbenzylphthalate
 Concen: 44.568 ng
 RT: 20.510 min Scan# 2979
 Delta R.T. -0.023 min
 Lab File: BM049678.D
 Acq: 28 Feb 2025 14:33

Tgt Ion:149 Resp: 979209
 Ion Ratio Lower Upper
 149 100
 91 66.5 60.2 90.2
 206 21.8 15.4 23.0





#81

Benzo(a)anthracene

Concen: 46.456 ng

RT: 21.404 min Scan# 31

Delta R.T. -0.023 min

Lab File: BM049678.D

Acq: 28 Feb 2025 14:33

Instrument :

BNA_M

ClientSampleId :

PB166933BS

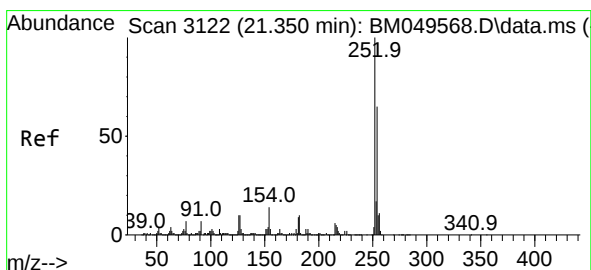
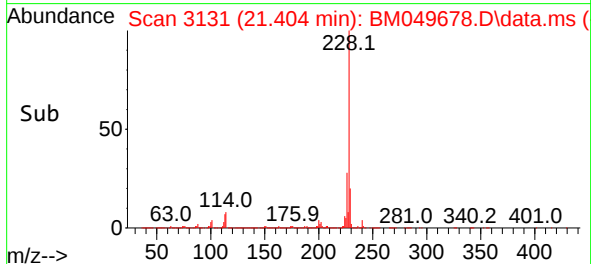
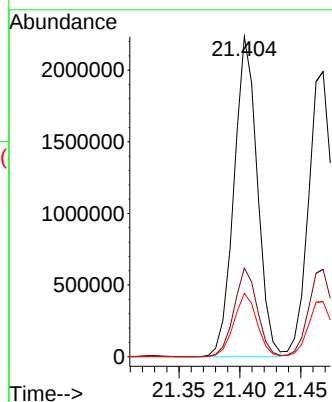
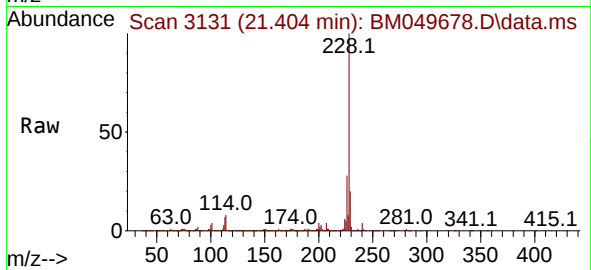
Tgt Ion:228 Resp: 2968954

Ion Ratio Lower Upper

228 100

226 27.7 22.0 33.0

229 19.8 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 39.619 ng

RT: 21.327 min Scan# 3118

Delta R.T. -0.023 min

Lab File: BM049678.D

Acq: 28 Feb 2025 14:33

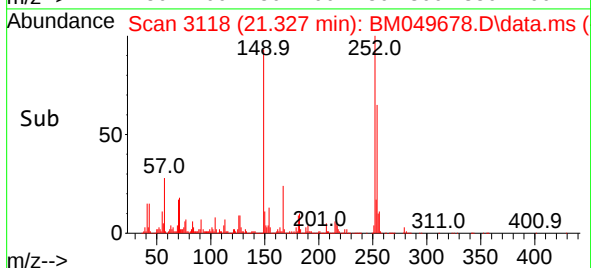
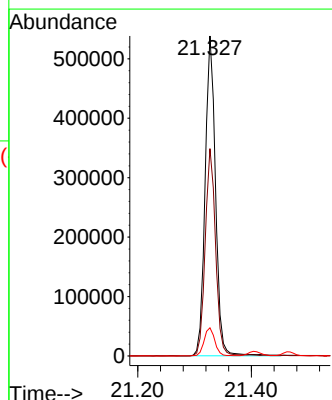
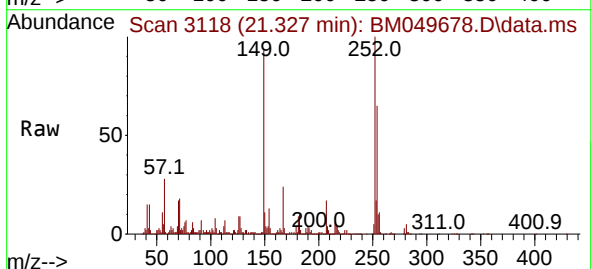
Tgt Ion:252 Resp: 681339

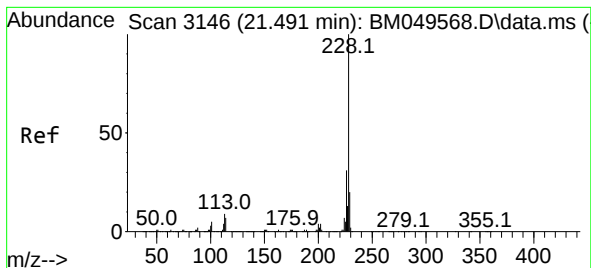
Ion Ratio Lower Upper

252 100

254 64.8 52.1 78.1

126 8.8 7.8 11.6





#83

Chrysene

Concen: 45.922 ng

RT: 21.468 min Scan# 31

Delta R.T. -0.023 min

Lab File: BM049678.D

Acq: 28 Feb 2025 14:33

Instrument :

BNA_M

ClientSampleId :

PB166933BS

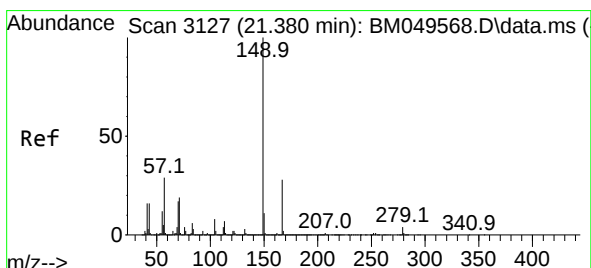
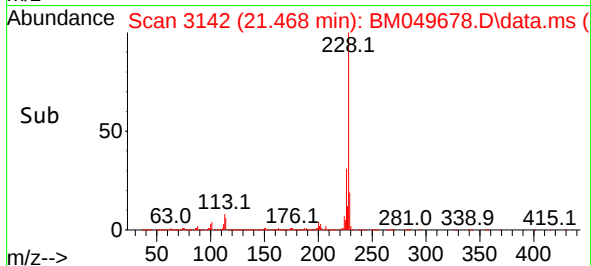
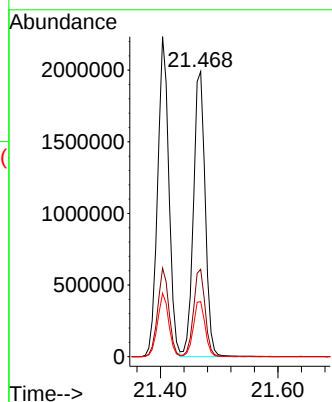
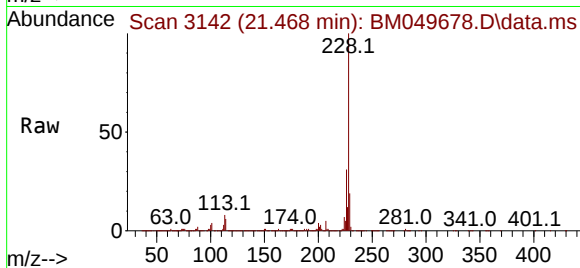
Tgt Ion:228 Resp: 2749637

Ion Ratio Lower Upper

228 100

226 30.7 24.5 36.7

229 19.3 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.268 ng

RT: 21.339 min Scan# 3120

Delta R.T. -0.041 min

Lab File: BM049678.D

Acq: 28 Feb 2025 14:33

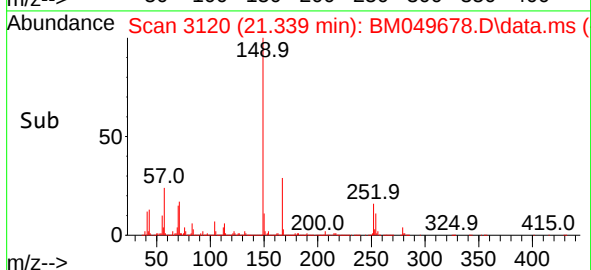
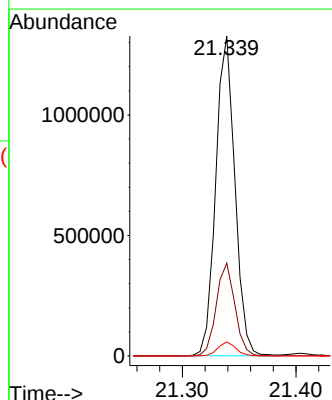
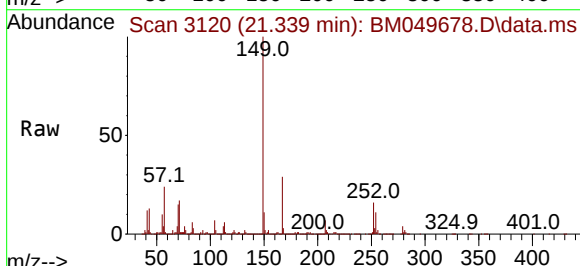
Tgt Ion:149 Resp: 1554380

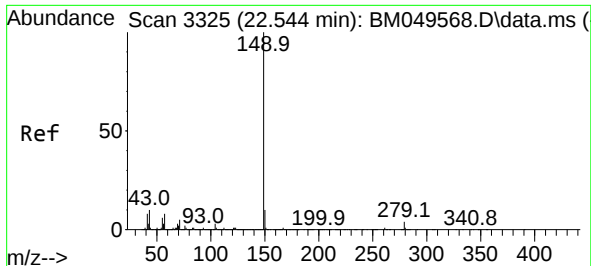
Ion Ratio Lower Upper

149 100

167 29.0 22.1 33.1

279 4.4 3.0 4.4

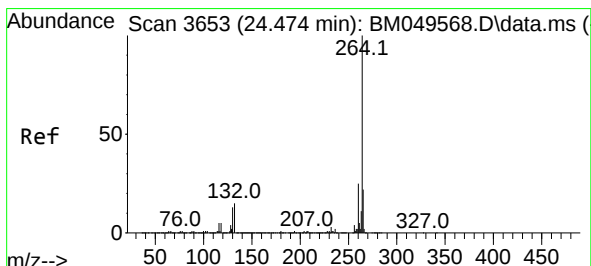
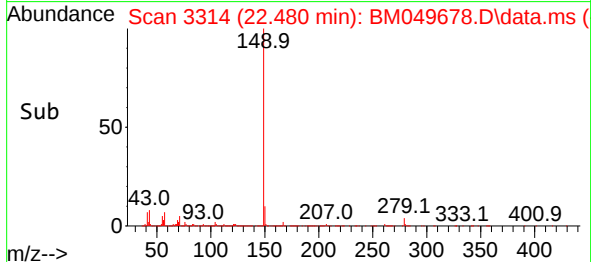
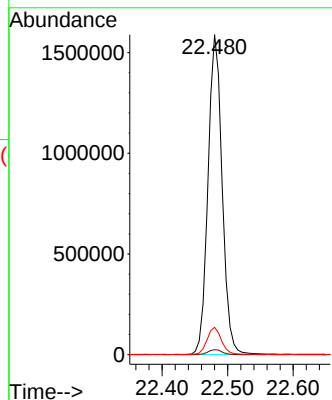
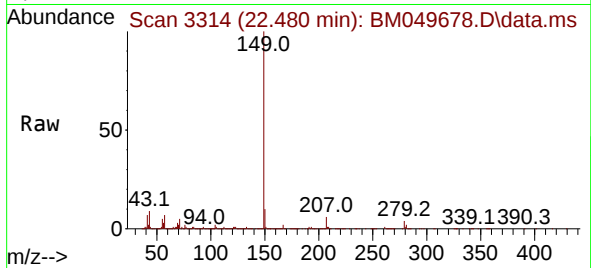




#85
Di-n-octyl phthalate
Concen: 40.097 ng
RT: 22.480 min Scan# 31
Delta R.T. -0.064 min
Lab File: BM049678.D
Acq: 28 Feb 2025 14:33

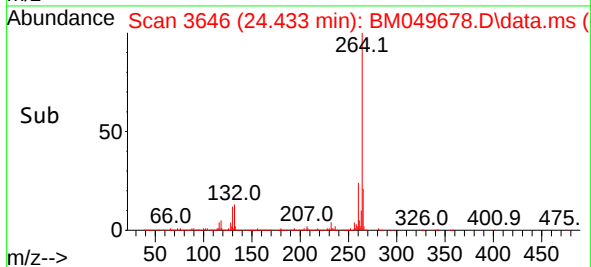
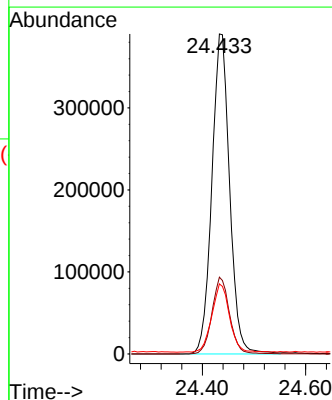
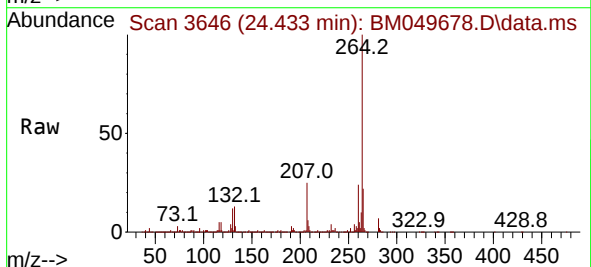
Instrument :
BNA_M
ClientSampleId :
PB166933BS

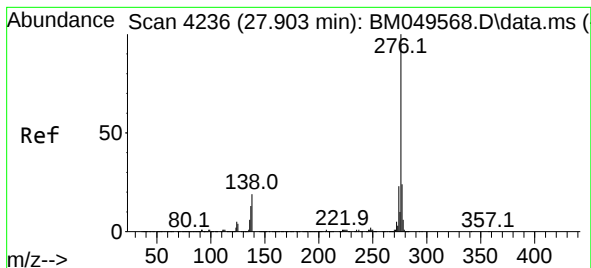
Tgt Ion:149 Resp: 2382624
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.6 8.5 12.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.433 min Scan# 3646
Delta R.T. -0.041 min
Lab File: BM049678.D
Acq: 28 Feb 2025 14:33

Tgt Ion:264 Resp: 930406
Ion Ratio Lower Upper
264 100
260 24.0 19.8 29.6
265 21.9 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 68.288 ng

RT: 27.839 min Scan# 41

Delta R.T. -0.064 min

Lab File: BM049678.D

Acq: 28 Feb 2025 14:33

Instrument :

BNA_M

ClientSampleId :

PB166933BS

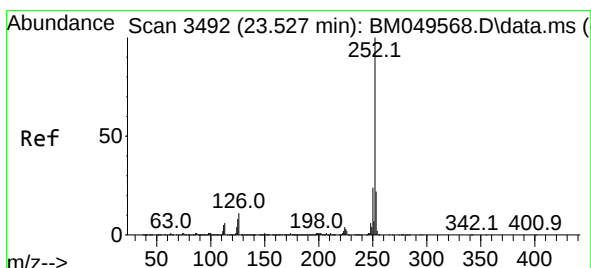
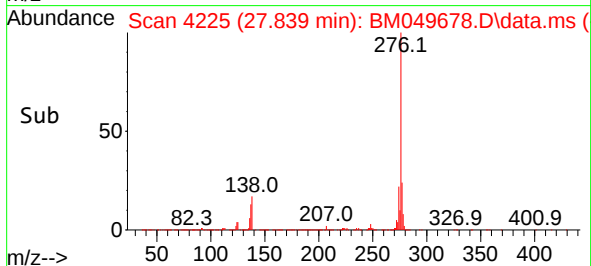
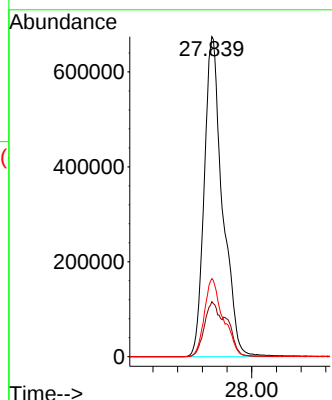
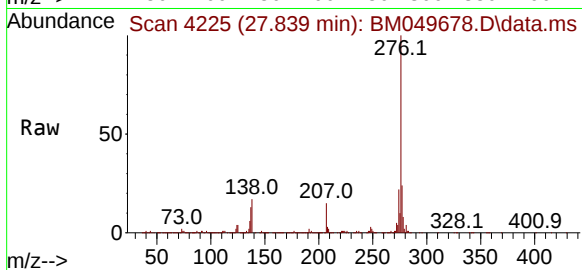
Tgt Ion:276 Resp: 3469819

Ion Ratio Lower Upper

276 100

138 14.4 13.1 19.7

277 25.2 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 42.558 ng

RT: 23.486 min Scan# 3485

Delta R.T. -0.041 min

Lab File: BM049678.D

Acq: 28 Feb 2025 14:33

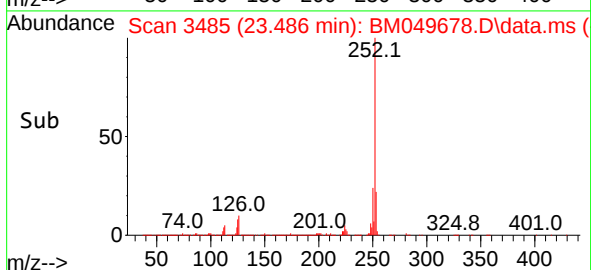
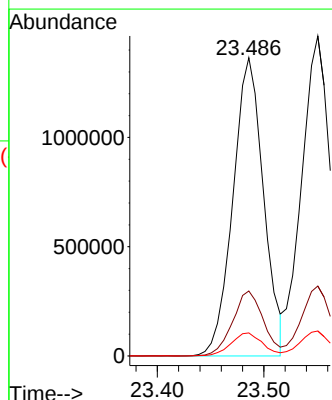
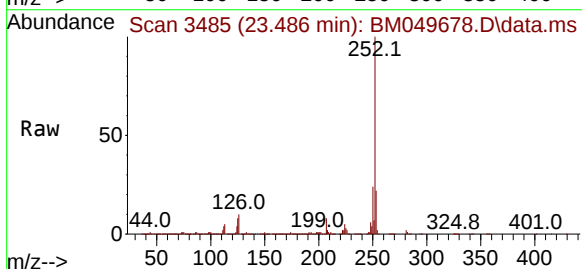
Tgt Ion:252 Resp: 2723996

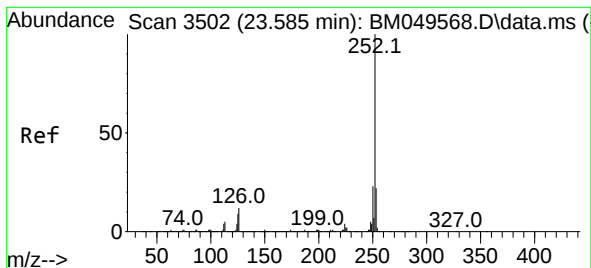
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 7.7 6.6 10.0





#89

Benzo(k)fluoranthene

Concen: 45.815 ng

RT: 23.551 min Scan# 34

Delta R.T. -0.035 min

Lab File: BM049678.D

Acq: 28 Feb 2025 14:33

Instrument :

BNA_M

ClientSampleId :

PB166933BS

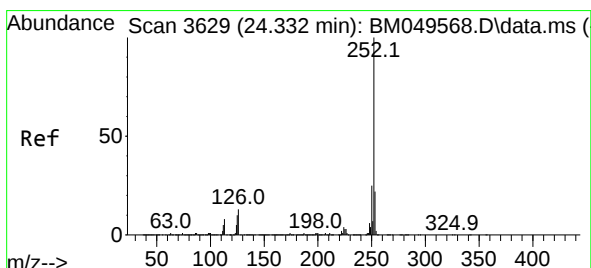
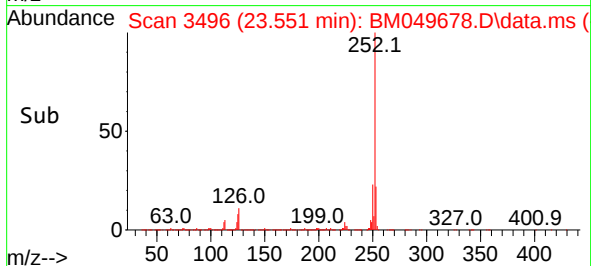
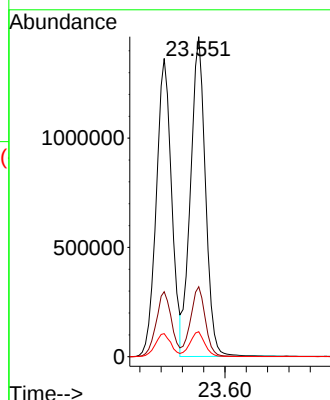
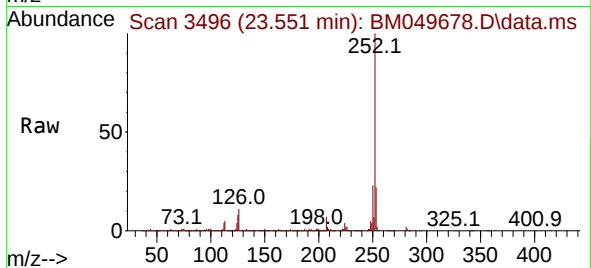
Tgt Ion:252 Resp: 2848186

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 7.8 7.0 10.6



#90

Benzo(a)pyrene

Concen: 52.329 ng

RT: 24.298 min Scan# 3623

Delta R.T. -0.035 min

Lab File: BM049678.D

Acq: 28 Feb 2025 14:33

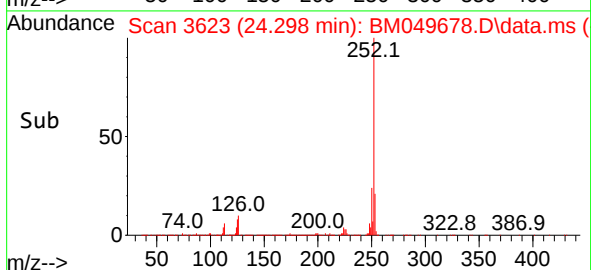
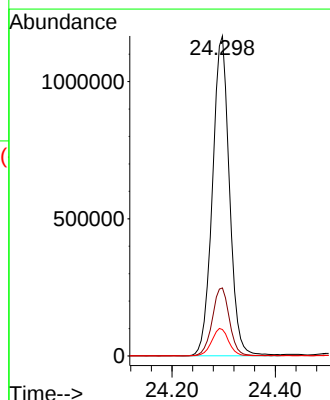
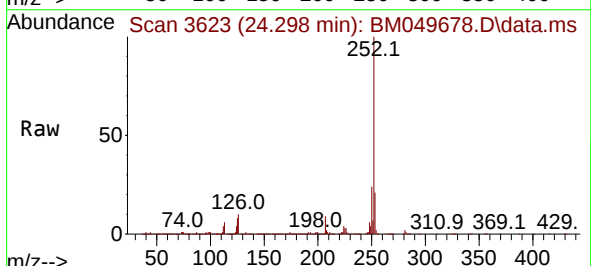
Tgt Ion:252 Resp: 2654276

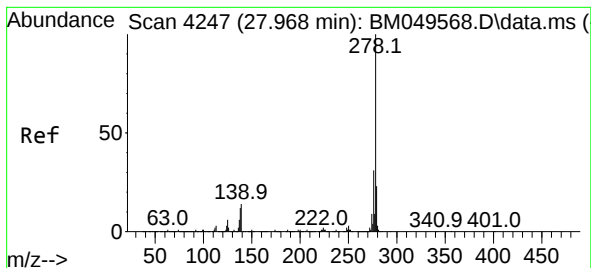
Ion Ratio Lower Upper

252 100

253 21.2 17.4 26.0

125 8.2 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 71.588 ng

RT: 27.903 min Scan# 41

Delta R.T. -0.064 min

Lab File: BM049678.D

Acq: 28 Feb 2025 14:33

Instrument :

BNA_M

ClientSampleId :

PB166933BS

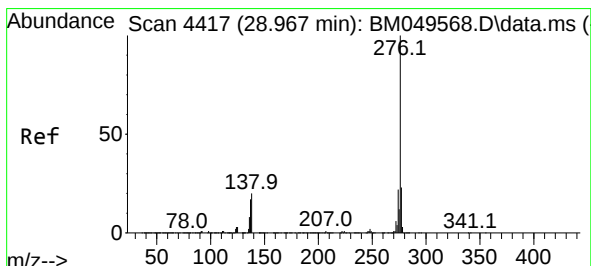
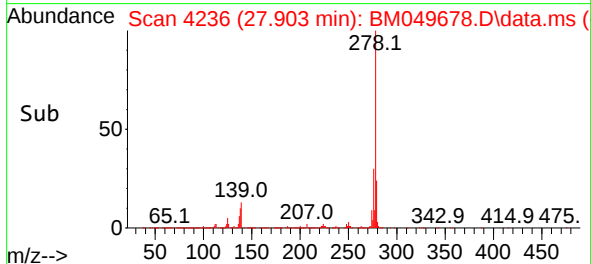
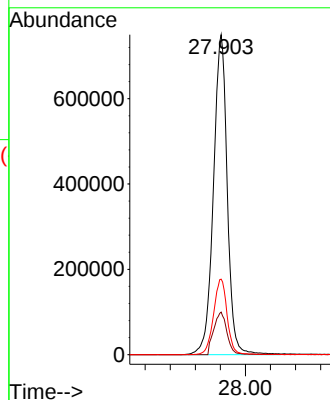
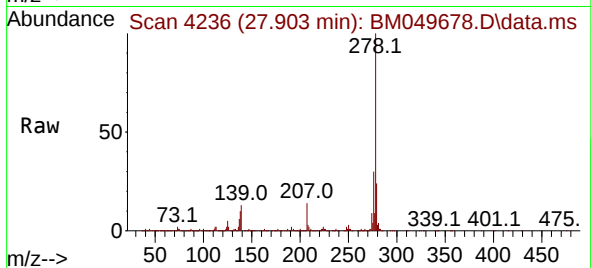
Tgt Ion:278 Resp: 2874892

Ion Ratio Lower Upper

278 100

139 13.3 11.5 17.3

279 23.6 18.2 27.2



#92

Benzo(g,h,i)perylene

Concen: 59.367 ng

RT: 28.903 min Scan# 4406

Delta R.T. -0.064 min

Lab File: BM049678.D

Acq: 28 Feb 2025 14:33

Tgt Ion:276 Resp: 2663202

Ion Ratio Lower Upper

276 100

277 23.6 18.7 28.1

138 18.0 16.0 24.0

