

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020525\
 Data File : BM049571.D
 Acq On : 05 Feb 2025 15:38
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 06 04:42:34 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 04:35:49 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	257604	20.000	ng	0.00
21) Naphthalene-d8	10.628	136	945832	20.000	ng	0.00
39) Acenaphthene-d10	14.469	164	608084	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	1171197	20.000	ng	0.00
76) Chrysene-d12	21.445	240	1186820	20.000	ng	0.00
86) Perylene-d12	24.480	264	941272	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	2712955	169.356	ng	0.00
7) Phenol-d6	6.987	99	3642929	173.578	ng	0.00
23) Nitrobenzene-d5	8.987	82	3235513	175.957	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	1590986	220.808	ng	0.00
45) 2-Fluorobiphenyl	13.098	172	8568319	182.538	ng	0.00
79) Terphenyl-d14	19.833	244	12075411	155.370	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.293	88	543435	80.683	ng	99
3) Pyridine	3.687	79	1460974	78.056	ng	100
4) n-Nitrosodimethylamine	3.599	42	724118	82.690	ng	100
6) Aniline	7.151	93	1665695	83.740	ng	98
8) 2-Chlorophenol	7.393	128	1352152	84.533	ng	98
9) Benzaldehyde	6.963	77	672805	60.545	ng	99
10) Phenol	7.016	94	1767200	85.490	ng	99
11) bis(2-Chloroethyl)ether	7.251	93	1381943	82.635	ng	100
12) 1,3-Dichlorobenzene	7.716	146	1520917	81.916	ng	98
13) 1,4-Dichlorobenzene	7.863	146	1548394	82.449	ng	100
14) 1,2-Dichlorobenzene	8.181	146	1492951	82.331	ng	99
15) Benzyl Alcohol	8.063	79	1264088	86.575	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.363	45	1813838	80.569	ng	99
17) 2-Methylphenol	8.263	107	1068343	84.523	ng	98
18) Hexachloroethane	8.916	117	567891	82.786	ng	98
19) n-Nitroso-di-n-propyla...	8.640	70	1175380	85.524	ng	97
20) 3+4-Methylphenols	8.598	107	1450516	86.933	ng	97
22) Acetophenone	8.645	105	2188192	85.895	ng	# 99
24) Nitrobenzene	9.028	77	1529856	85.633	ng	97
25) Isophorone	9.557	82	2830553	85.355	ng	99
26) 2-Nitrophenol	9.734	139	567036	79.750	ng	99
27) 2,4-Dimethylphenol	9.798	122	884318	84.336	ng	98
28) bis(2-Chloroethoxy)met...	10.039	93	1815308	84.992	ng	98
29) 2,4-Dichlorophenol	10.269	162	1318702	91.321	ng	99
30) 1,2,4-Trichlorobenzene	10.487	180	1530870	86.531	ng	99
31) Naphthalene	10.675	128	4316119	86.524	ng	100
32) Benzoic acid	9.951	122	663599	80.081	ng	98
33) 4-Chloroaniline	10.775	127	1607588	86.098	ng	99
34) Hexachlorobutadiene	10.975	225	933686	88.129	ng	99
35) Caprolactam	11.563	113	397436	90.216	ng	97
36) 4-Chloro-3-methylphenol	11.904	107	1309139	90.907	ng	98
37) 2-Methylnaphthalene	12.292	142	3115266	88.699	ng	100
38) 1-Methylnaphthalene	12.510	142	3028775	88.634	ng	100
40) 1,2,4,5-Tetrachloroben...	12.657	216	1828233	91.444	ng	99
41) Hexachlorocyclopentadiene	12.651	237	508985	99.725	ng	98
43) 2,4,6-Trichlorophenol	12.892	196	1045121	95.796	ng	99

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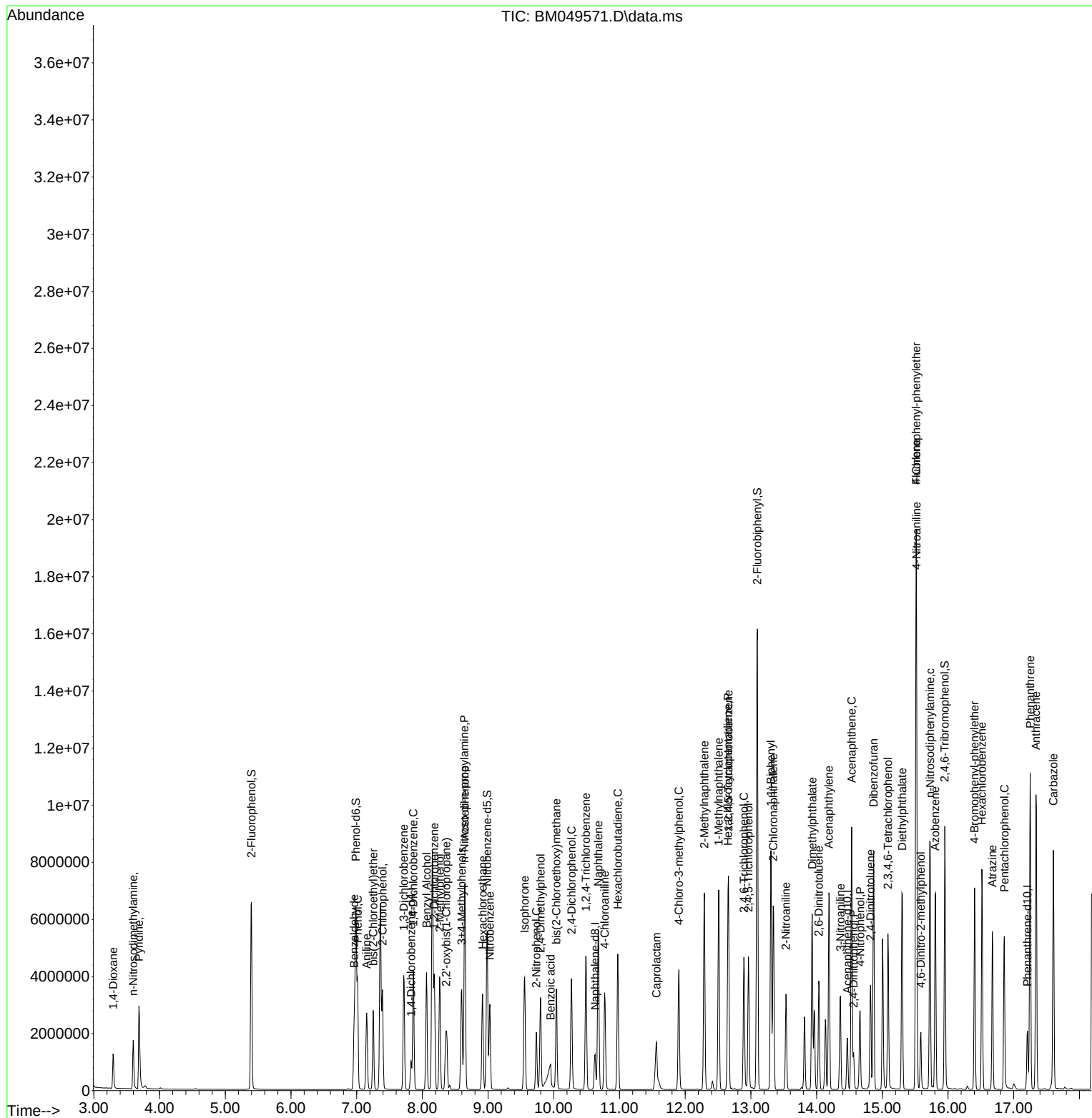
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.963	196	1151455	96.040	ng	97
46) 1,1'-Biphenyl	13.304	154	4086791	88.100	ng	99
47) 2-Chloronaphthalene	13.339	162	3137702	87.424	ng	99
48) 2-Nitroaniline	13.533	65	806167	81.995	ng	100
49) Acenaphthylene	14.186	152	4689081	88.602	ng	99
50) Dimethylphthalate	13.933	163	3837859	87.885	ng	100
51) 2,6-Dinitrotoluene	14.033	165	745057	98.599	ng	98
52) Acenaphthene	14.533	154	3199464	91.080	ng	100
53) 3-Nitroaniline	14.363	138	742364	96.492	ng	98
54) 2,4-Dinitrophenol	14.563	184	217814	79.846	ng	# 81
55) Dibenzofuran	14.869	168	5002170	89.429	ng	98
56) 4-Nitrophenol	14.663	139	630774	97.261	ng	94
57) 2,4-Dinitrotoluene	14.822	165	976052	79.808	ng	91
58) Fluorene	15.516	166	4475141	93.525	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.086	232	1013413	100.048	ng	97
60) Diethylphthalate	15.304	149	3881235	88.436	ng	98
61) 4-Chlorophenyl-phenyle...	15.516	204	2453794	96.348	ng	96
62) 4-Nitroaniline	15.521	138	848945	82.002	ng	93
63) Azobenzene	15.804	77	3849184	84.028	ng	98
65) 4,6-Dinitro-2-methylph...	15.586	198	357542	79.677	ng	96
66) n-Nitrosodiphenylamine	15.727	169	3309294	89.595	ng	99
67) 4-Bromophenyl-phenylether	16.404	248	1276861	93.843	ng	98
68) Hexachlorobenzene	16.516	284	1465689	93.854	ng	97
69) Atrazine	16.674	200	948527	86.389	ng	99
70) Pentachlorophenol	16.857	266	876401	82.844	ng	99
71) Phenanthrene	17.251	178	6128608	91.852	ng	99
72) Anthracene	17.339	178	6103970	92.392	ng	99
73) Carbazole	17.604	167	5070773	87.449	ng	100
74) Di-n-butylphthalate	18.192	149	6750409	91.746	ng	99
75) Fluoranthene	19.262	202	7685563	98.386	ng	99
77) Benzidine	19.439	184	905218	86.130	ng	99
78) Pyrene	19.627	202	7880630	88.681	ng	99
80) Butylbenzylphthalate	20.539	149	2689295	97.254	ng	# 90
81) Benzo(a)anthracene	21.433	228	7258133	90.237	ng	99
82) 3,3'-Dichlorobenzidine	21.351	252	1933304	89.323	ng	100
83) Chrysene	21.492	228	6800529	90.244	ng	99
84) Bis(2-ethylhexyl)phtha...	21.380	149	4332190	91.389	ng	98
85) Di-n-octyl phthalate	22.545	149	6924127	92.587	ng	97
87) Indeno(1,2,3-cd)pyrene	27.915	276	5019064	97.638	ng	98
88) Benzo(b)fluoranthene	23.527	252	6337029	97.864	ng	99
89) Benzo(k)fluoranthene	23.597	252	6144354	97.695	ng	99
90) Benzo(a)pyrene	24.344	252	4976969	96.987	ng	99
91) Dibenzo(a,h)anthracene	27.979	278	4097321	100.851	ng	98
92) Benzo(g,h,i)perylene	28.985	276	4294912	94.635	ng	98

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

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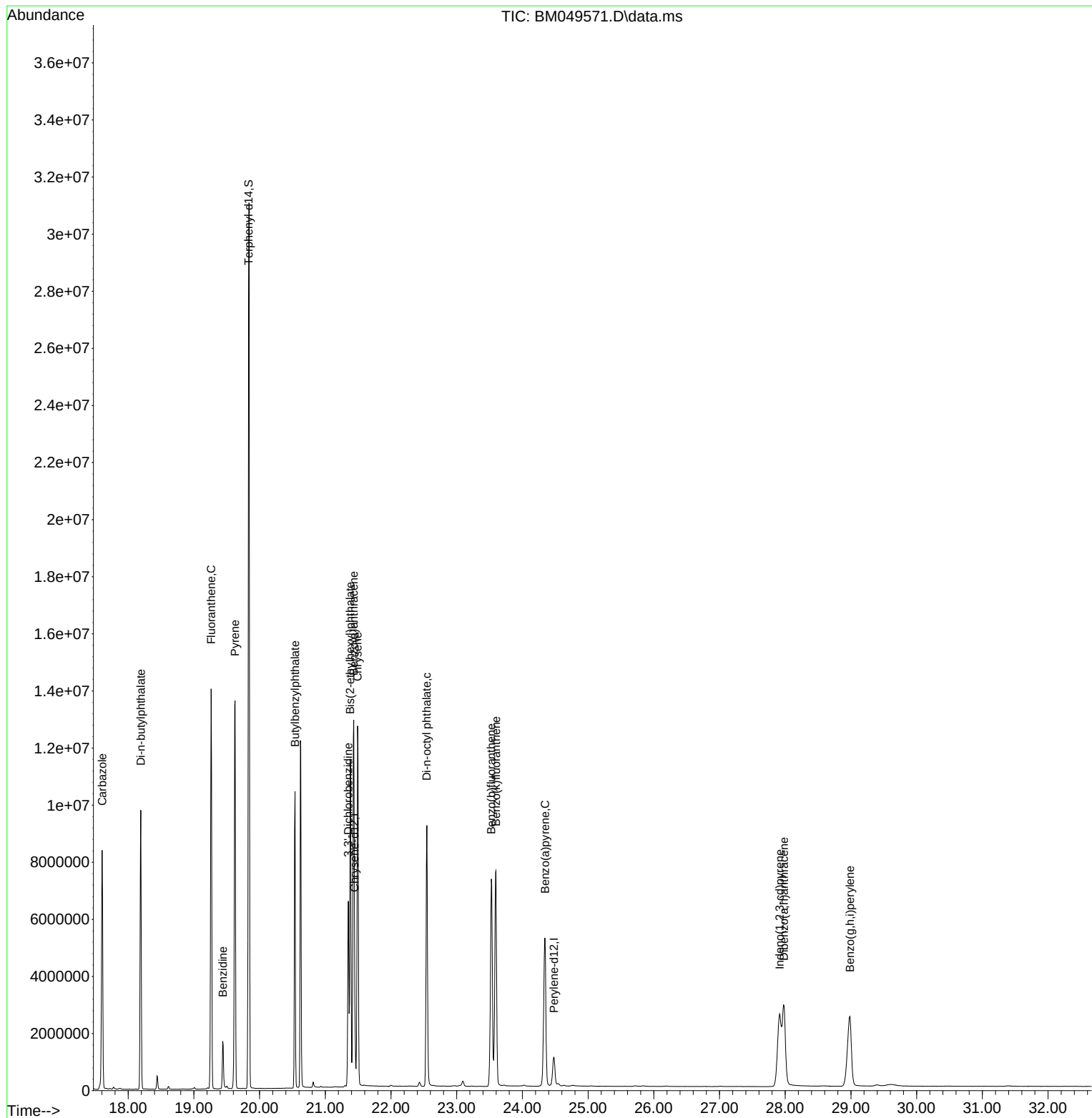
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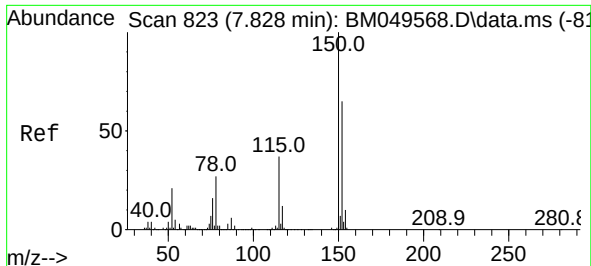


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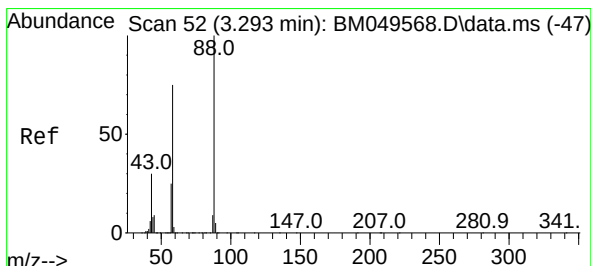
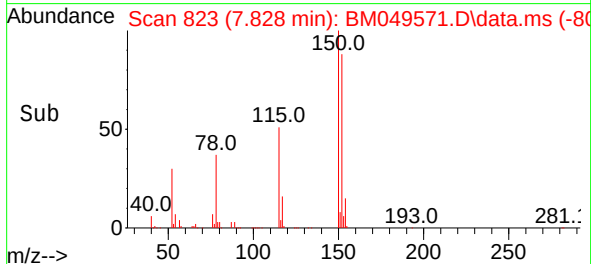
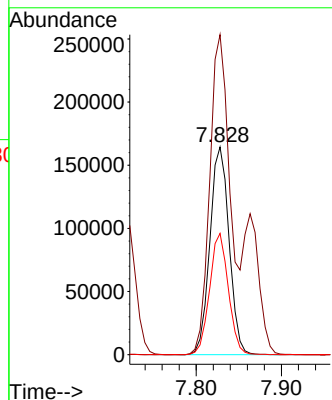
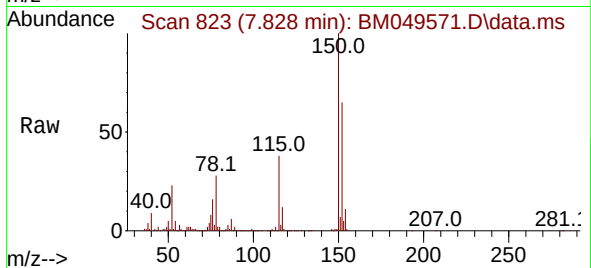




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.828 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM049571.D
Acq: 05 Feb 2025 15:38

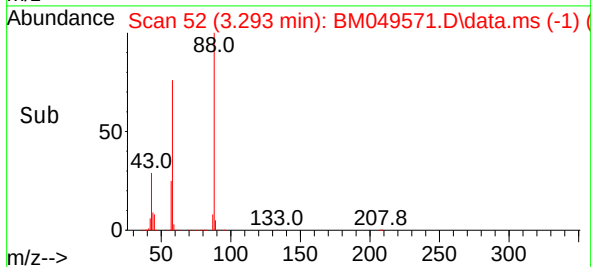
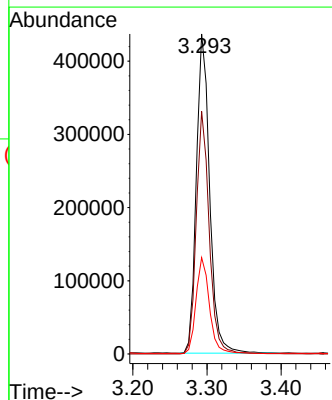
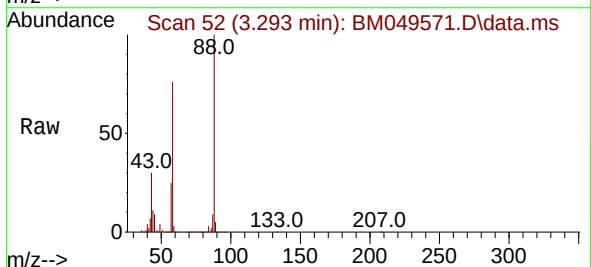
Instrument :
BNA_M
ClientSampleId :

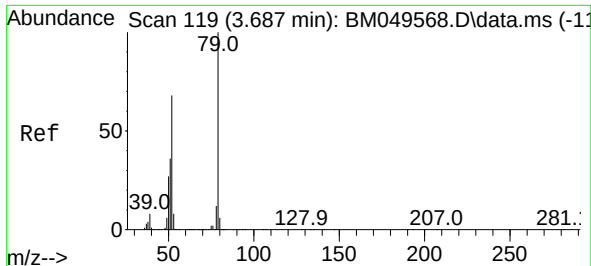
Tgt Ion:152 Resp: 257604
Ion Ratio Lower Upper
152 100
150 154.0 122.6 184.0
115 58.4 45.4 68.0



#2
1,4-Dioxane
Concen: 80.683 ng
RT: 3.293 min Scan# 52
Delta R.T. 0.000 min
Lab File: BM049571.D
Acq: 05 Feb 2025 15:38

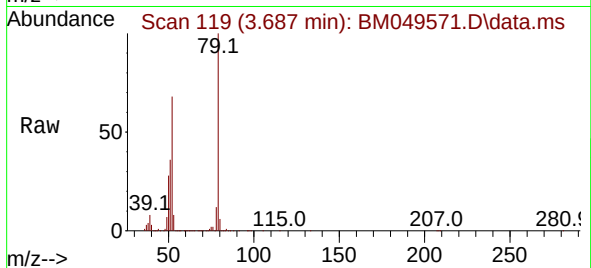
Tgt Ion: 88 Resp: 543435
Ion Ratio Lower Upper
88 100
58 74.4 60.0 90.0
43 30.2 24.4 36.6





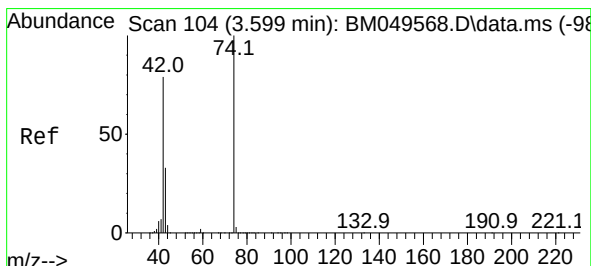
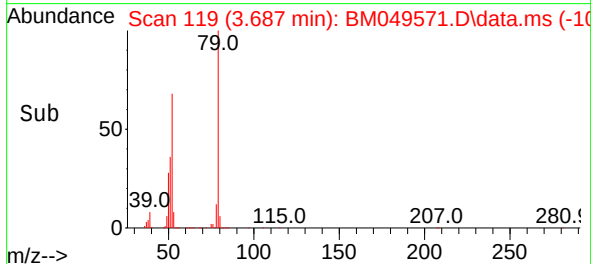
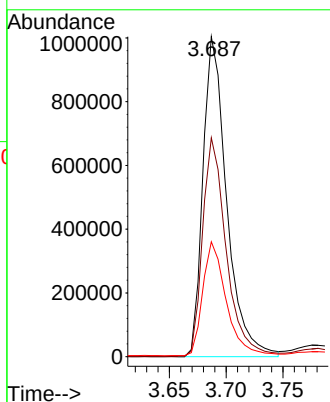
#3
 Pyridine
 Concen: 78.056 ng
 RT: 3.687 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: BM049571.D
 Acq: 05 Feb 2025 15:38

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion: 79 Resp: 1460974

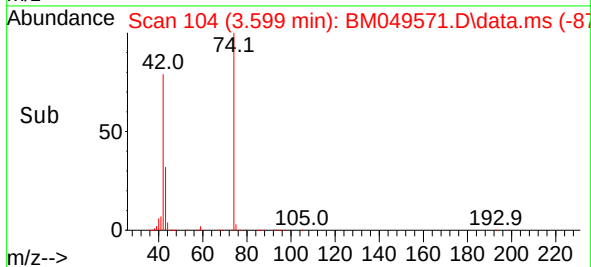
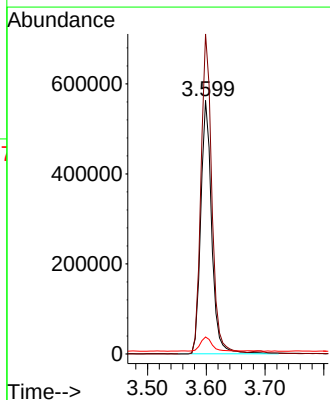
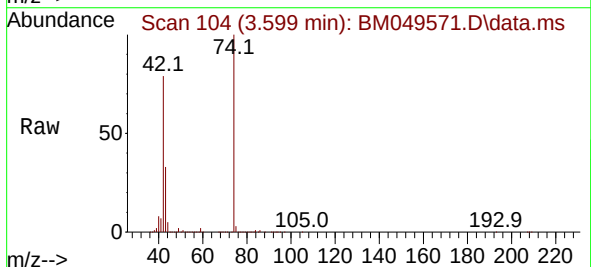
Ion	Ratio	Lower	Upper
79	100		
52	68.4	54.5	81.7
51	35.9	29.0	43.6

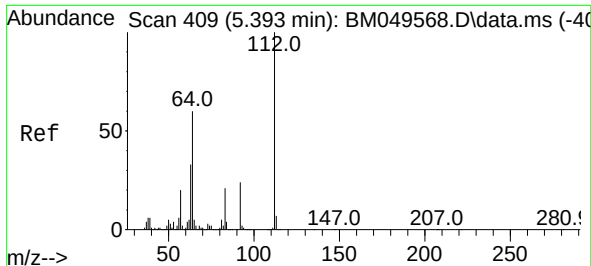


#4
 n-Nitrosodimethylamine
 Concen: 82.690 ng
 RT: 3.599 min Scan# 104
 Delta R.T. 0.000 min
 Lab File: BM049571.D
 Acq: 05 Feb 2025 15:38

Tgt Ion: 42 Resp: 724118

Ion	Ratio	Lower	Upper
42	100		
74	126.3	101.3	151.9
44	6.7	6.5	9.7

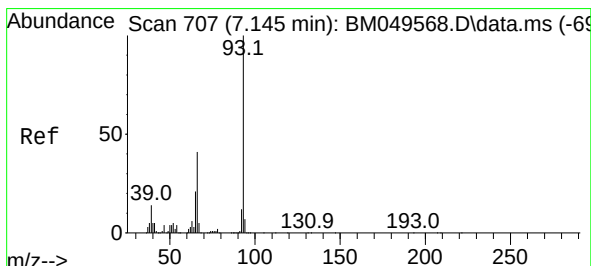
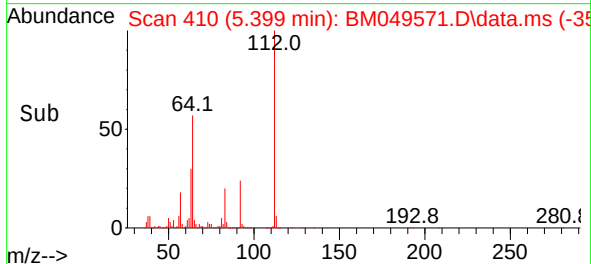
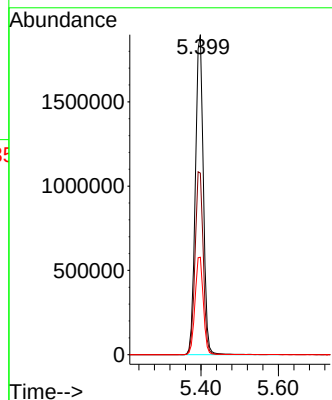
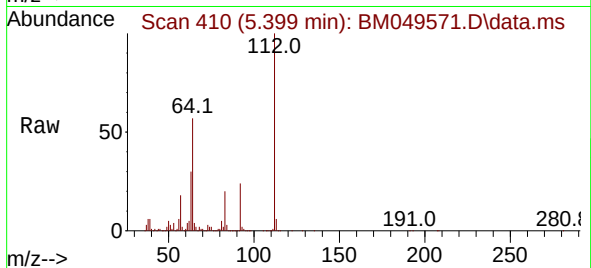




#5
2-Fluorophenol
Concen: 169.356 ng
RT: 5.399 min Scan# 410
Delta R.T. 0.006 min
Lab File: BM049571.D
Acq: 05 Feb 2025 15:38

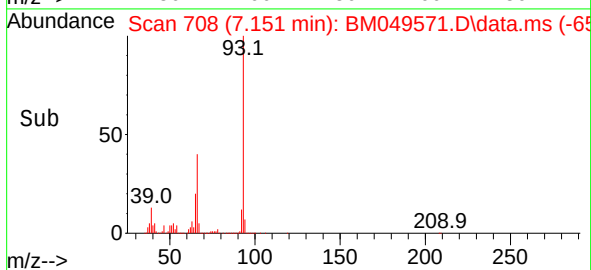
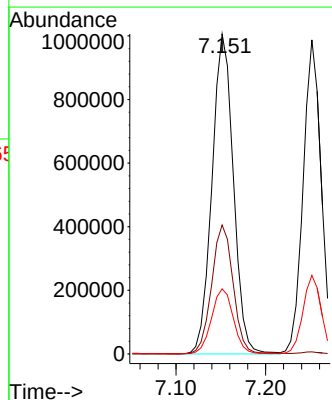
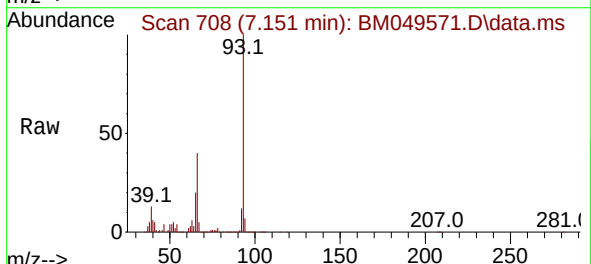
Instrument :
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ClientSampleId :

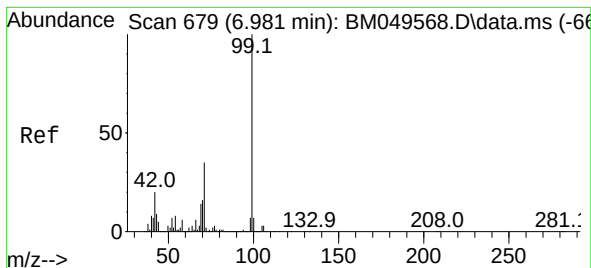
Tgt Ion:112 Resp: 2712955
Ion Ratio Lower Upper
112 100
64 56.7 47.8 71.8
63 30.4 26.2 39.4



#6
Aniline
Concen: 83.740 ng
RT: 7.151 min Scan# 708
Delta R.T. 0.006 min
Lab File: BM049571.D
Acq: 05 Feb 2025 15:38

Tgt Ion: 93 Resp: 1665695
Ion Ratio Lower Upper
93 100
66 40.3 33.3 49.9
65 20.3 16.8 25.2

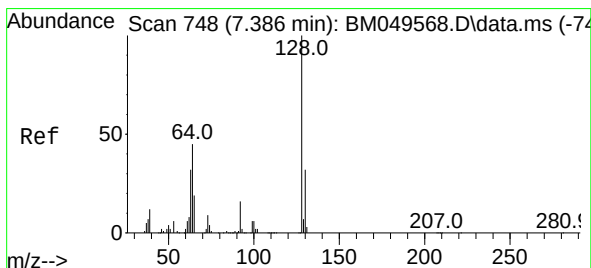
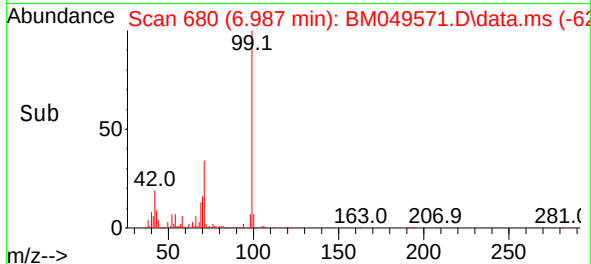
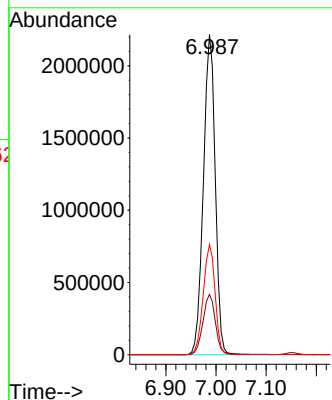
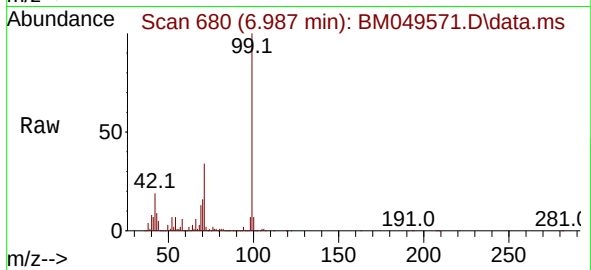




#7
Phenol-d6
Concen: 173.578 ng
RT: 6.987 min Scan# 679
Delta R.T. 0.006 min
Lab File: BM049571.D
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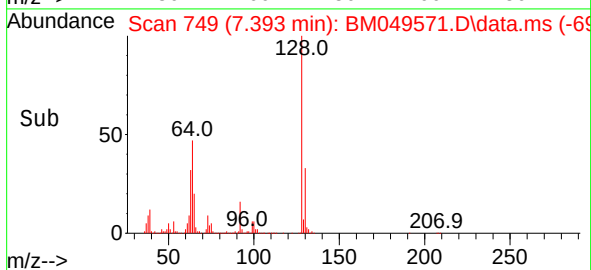
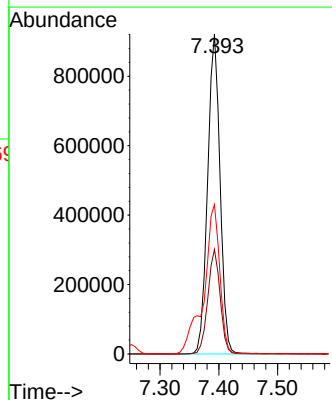
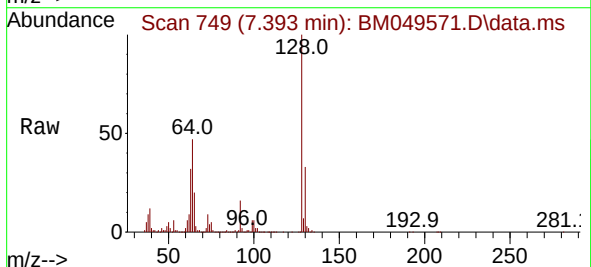
Instrument :
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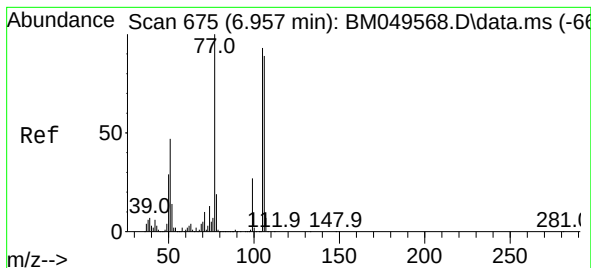
Tgt Ion: 99 Resp: 3642929
Ion Ratio Lower Upper
99 100
42 18.9 16.0 24.0
71 34.4 27.8 41.6



#8
2-Chlorophenol
Concen: 84.533 ng
RT: 7.393 min Scan# 749
Delta R.T. 0.006 min
Lab File: BM049571.D
Acq: 05 Feb 2025 15:38

Tgt Ion:128 Resp: 1352152
Ion Ratio Lower Upper
128 100
130 32.6 12.4 52.4
64 46.7 28.7 68.7





#9

Benzaldehyde

Concen: 60.545 ng

RT: 6.963 min Scan# 61

Delta R.T. 0.006 min

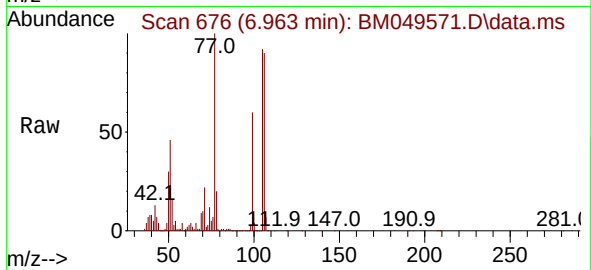
Lab File: BM049571.D

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BNA_M

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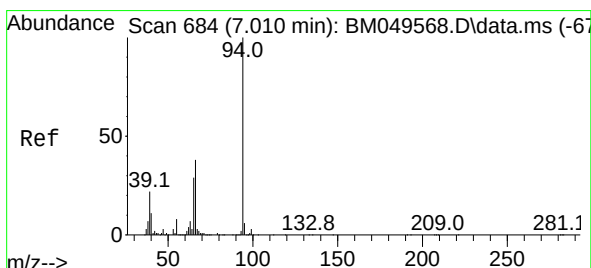
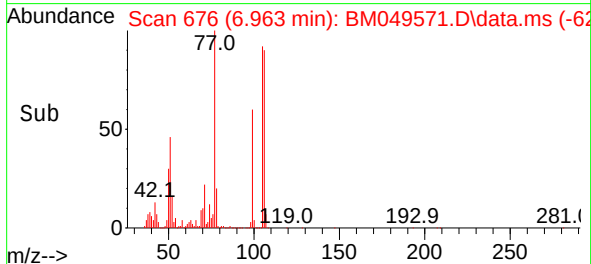
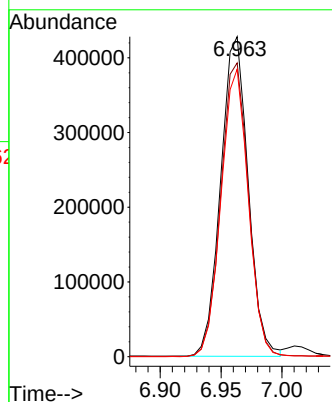
Tgt Ion: 77 Resp: 672805

Ion Ratio Lower Upper

77 100

105 91.8 72.7 112.7

106 89.9 68.9 108.9



#10

Phenol

Concen: 85.490 ng

RT: 7.016 min Scan# 685

Delta R.T. 0.006 min

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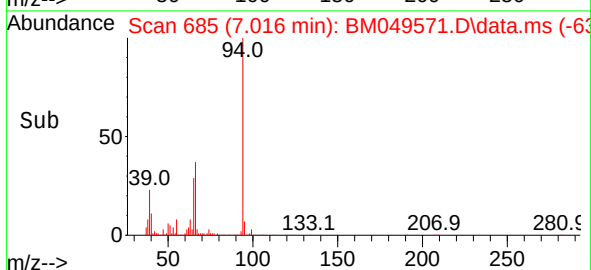
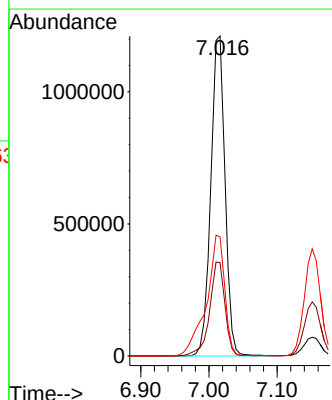
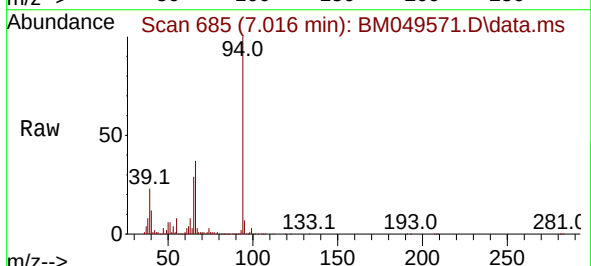
Tgt Ion: 94 Resp: 1767200

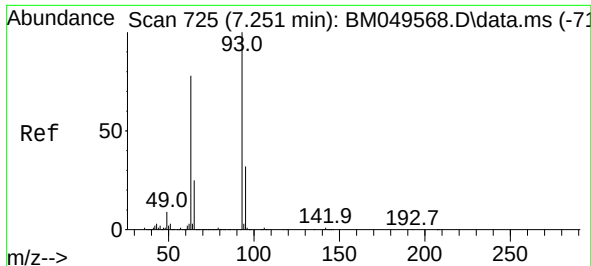
Ion Ratio Lower Upper

94 100

65 29.2 9.3 49.3

66 37.2 17.7 57.7

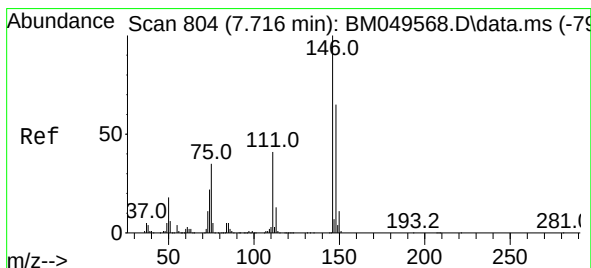
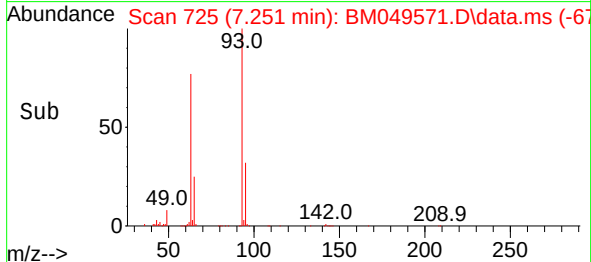
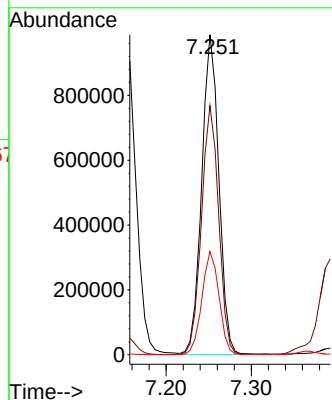
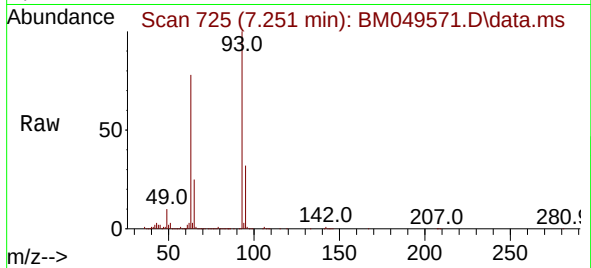




#11
bis(2-Chloroethyl)ether
Concen: 82.635 ng
RT: 7.251 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM049571.D
Acq: 05 Feb 2025 15:38

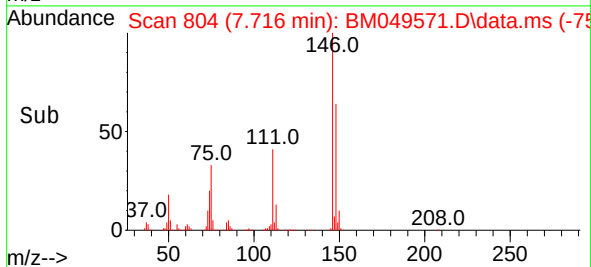
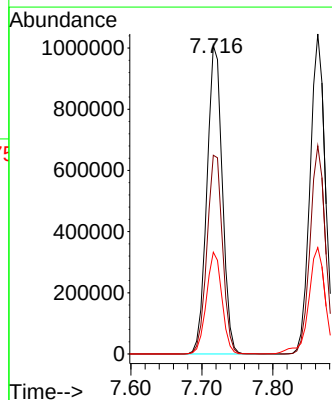
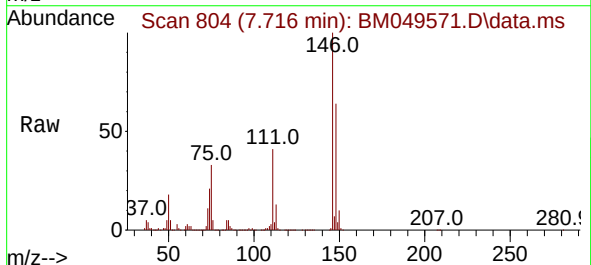
Instrument :
BNA_M
ClientSampleId :

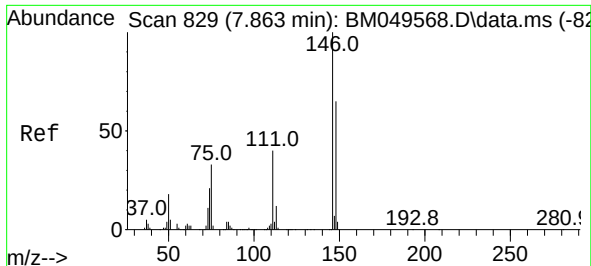
Tgt Ion: 93 Resp: 1381943
Ion Ratio Lower Upper
93 100
63 77.8 57.3 97.3
95 32.2 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 81.916 ng
RT: 7.716 min Scan# 804
Delta R.T. 0.000 min
Lab File: BM049571.D
Acq: 05 Feb 2025 15:38

Tgt Ion:146 Resp: 1520917
Ion Ratio Lower Upper
146 100
148 64.4 52.2 78.2
75 33.0 28.3 42.5

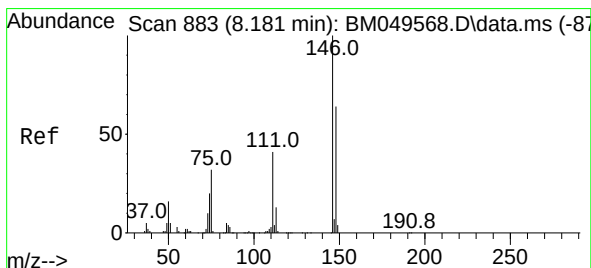
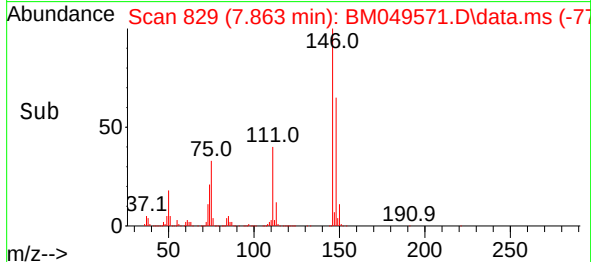
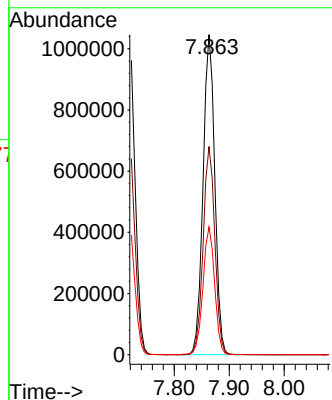
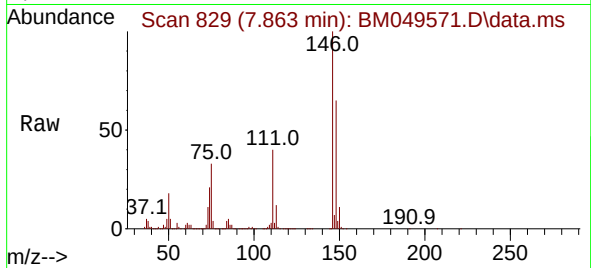




#13
1,4-Dichlorobenzene
Concen: 82.449 ng
RT: 7.863 min Scan# 829
Delta R.T. 0.000 min
Lab File: BM049571.D
Acq: 05 Feb 2025 15:38

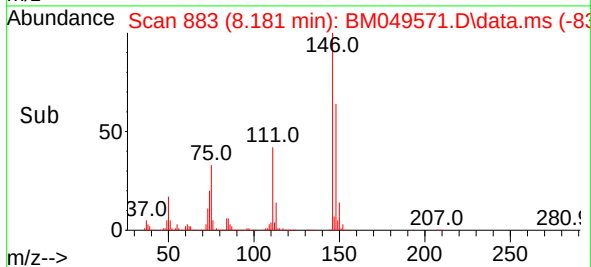
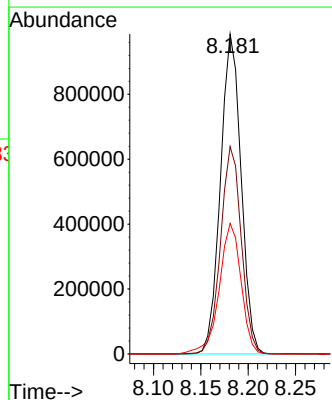
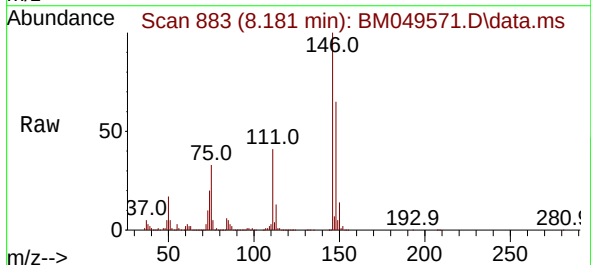
Instrument :
BNA_M
ClientSampleId :

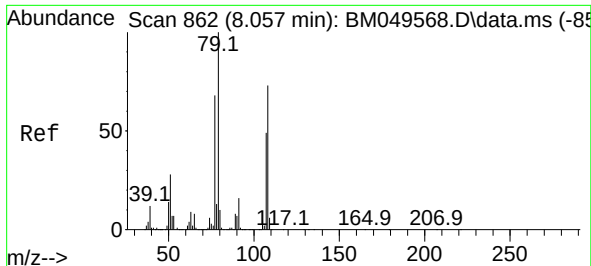
Tgt Ion:146 Resp: 1548394
Ion Ratio Lower Upper
146 100
148 65.0 52.1 78.1
111 39.9 31.7 47.5



#14
1,2-Dichlorobenzene
Concen: 82.331 ng
RT: 8.181 min Scan# 883
Delta R.T. 0.000 min
Lab File: BM049571.D
Acq: 05 Feb 2025 15:38

Tgt Ion:146 Resp: 1492951
Ion Ratio Lower Upper
146 100
148 64.8 51.5 77.3
111 40.8 33.4 50.0

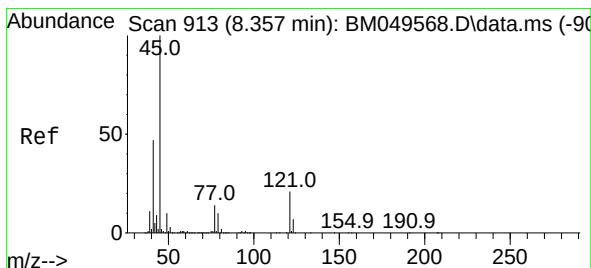
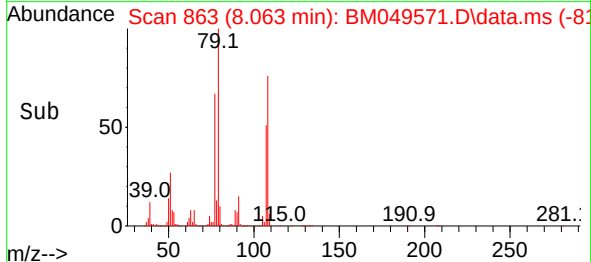
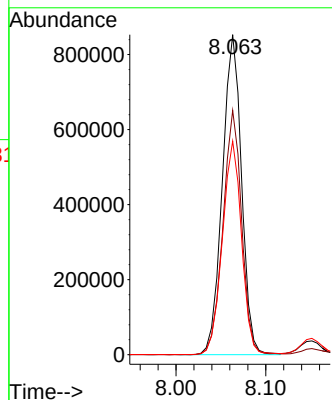
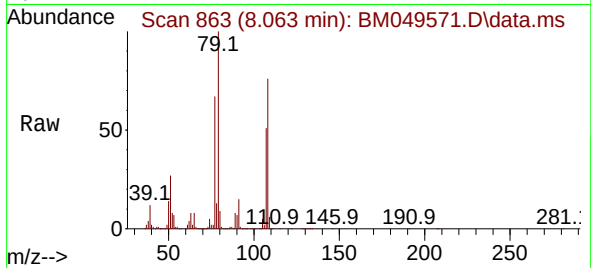




#15
Benzyl Alcohol
Concen: 86.575 ng
RT: 8.063 min Scan# 80
Delta R.T. 0.006 min
Lab File: BM049571.D
Acq: 05 Feb 2025 15:38

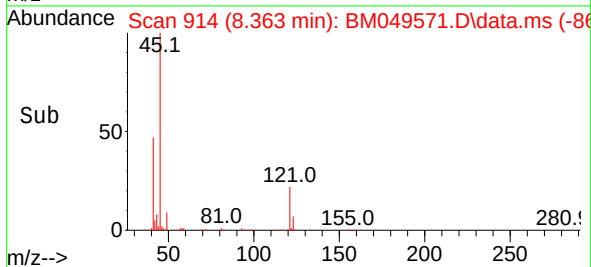
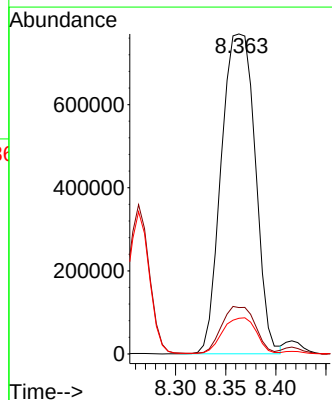
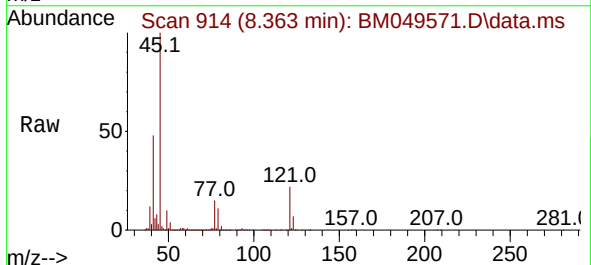
Instrument :
BNA_M
ClientSampleId :

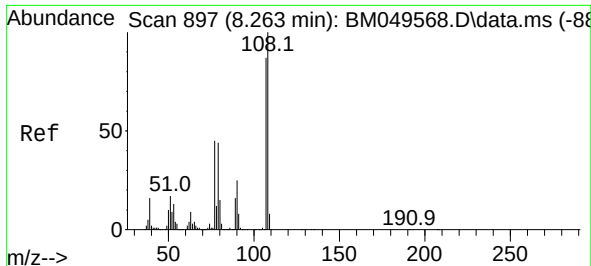
Tgt Ion: 79 Resp: 1264088
Ion Ratio Lower Upper
79 100
108 76.4 58.6 88.0
77 66.7 54.0 81.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 80.569 ng
RT: 8.363 min Scan# 914
Delta R.T. 0.006 min
Lab File: BM049571.D
Acq: 05 Feb 2025 15:38

Tgt Ion: 45 Resp: 1813838
Ion Ratio Lower Upper
45 100
77 14.5 0.0 34.0
79 11.1 0.0 30.8

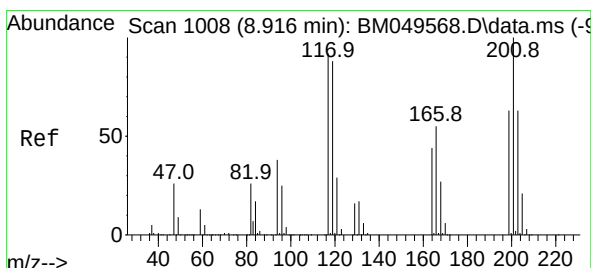
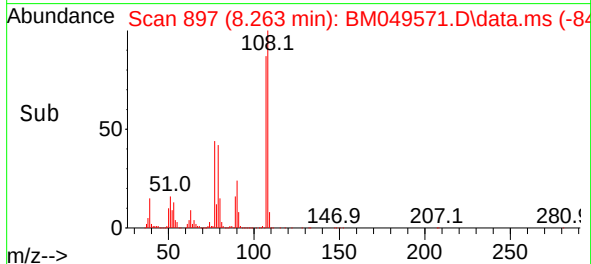
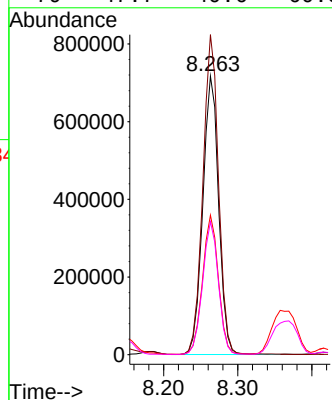
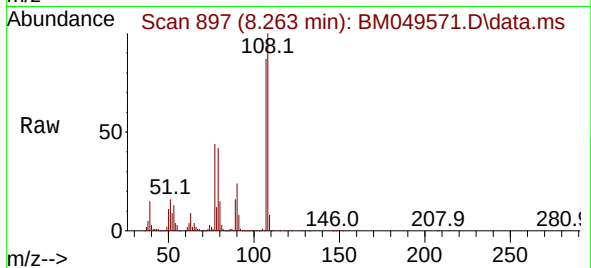




#17
2-Methylphenol
Concen: 84.523 ng
RT: 8.263 min Scan# 897
Delta R.T. 0.000 min
Lab File: BM049571.D
Acq: 05 Feb 2025 15:38

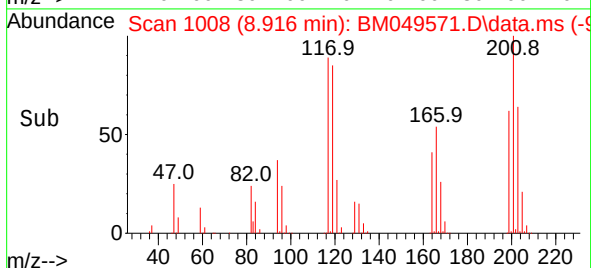
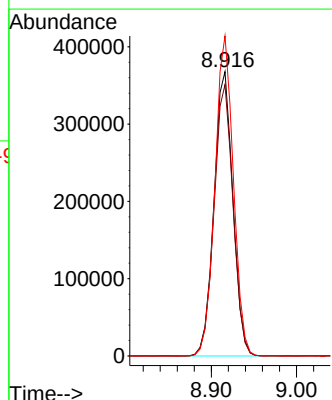
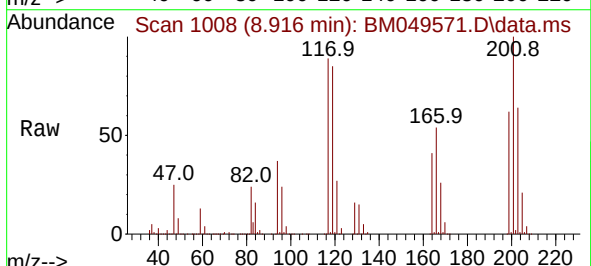
Instrument :
BNA_M
ClientSampleId :

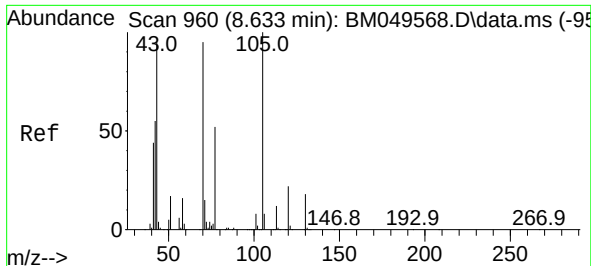
Tgt Ion:107 Resp: 1068343
Ion Ratio Lower Upper
107 100
108 114.9 92.2 138.4
77 50.1 41.3 61.9
79 47.7 40.6 60.8



#18
Hexachloroethane
Concen: 82.786 ng
RT: 8.916 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BM049571.D
Acq: 05 Feb 2025 15:38

Tgt Ion:117 Resp: 567891
Ion Ratio Lower Upper
117 100
119 95.5 76.8 115.2
201 112.5 87.0 130.6

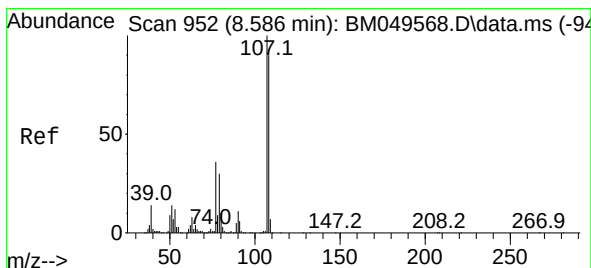
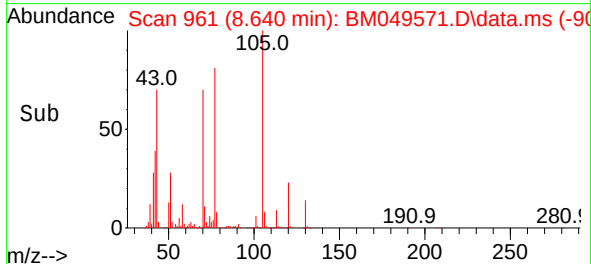
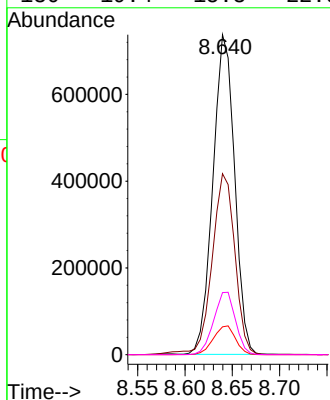
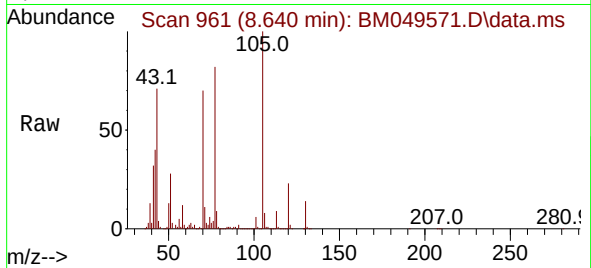




#19
n-Nitroso-di-n-propylamine
Concen: 85.524 ng
RT: 8.640 min Scan# 961
Delta R.T. 0.006 min
Lab File: BM049571.D
Acq: 05 Feb 2025 15:38

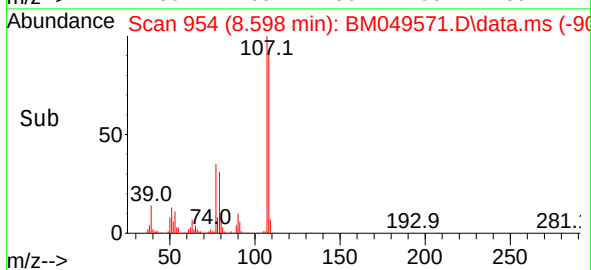
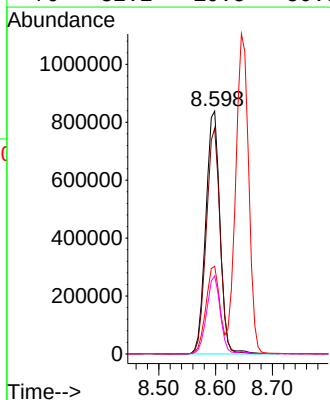
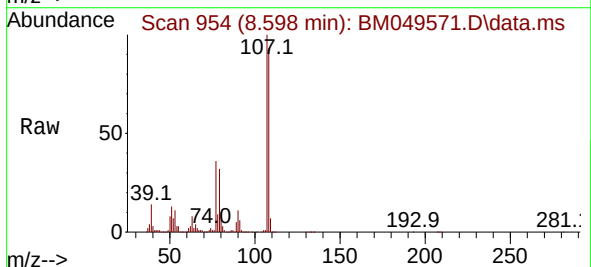
Instrument :
BNA_M
ClientSampleId :

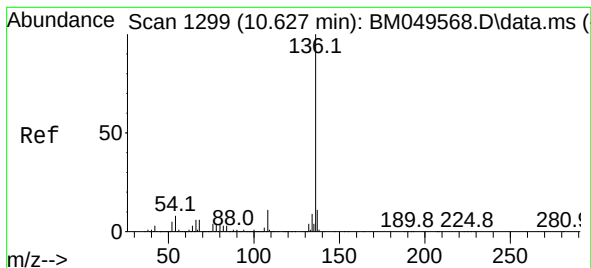
Tgt Ion: 70 Resp: 1175380
Ion Ratio Lower Upper
70 100
42 56.6 47.4 71.2
101 8.7 7.1 10.7
130 19.4 15.3 22.9



#20
3+4-Methylphenols
Concen: 86.933 ng
RT: 8.598 min Scan# 954
Delta R.T. 0.012 min
Lab File: BM049571.D
Acq: 05 Feb 2025 15:38

Tgt Ion:107 Resp: 1450516
Ion Ratio Lower Upper
107 100
108 92.9 69.6 109.6
77 36.1 16.0 56.0
79 32.2 10.5 50.5

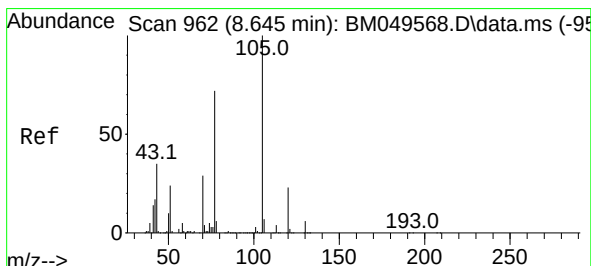
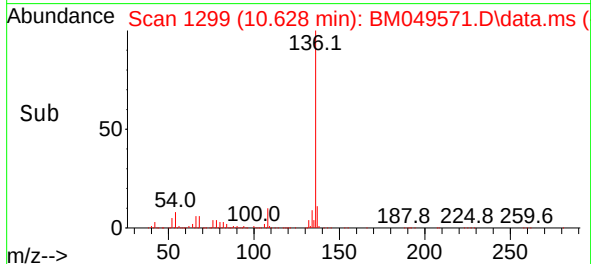
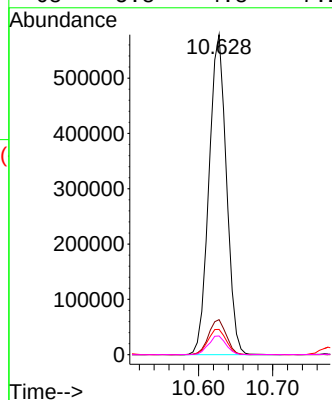
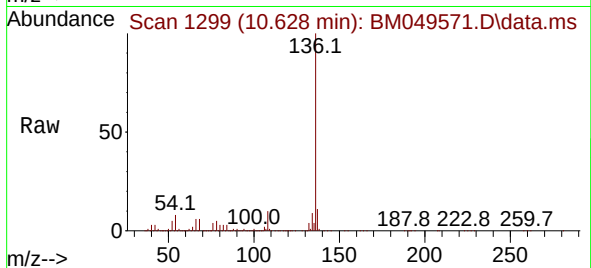




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.628 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BM049571.D
Acq: 05 Feb 2025 15:38

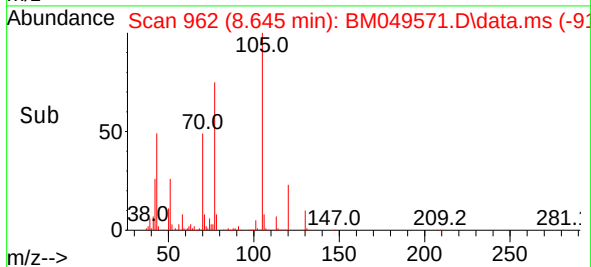
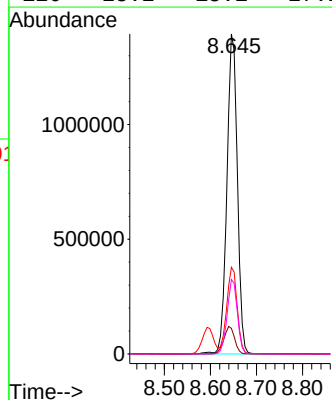
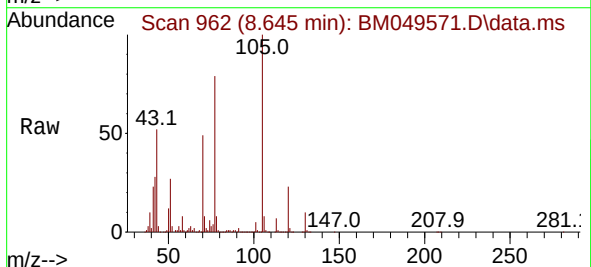
Instrument :
BNA_M
ClientSampleId :

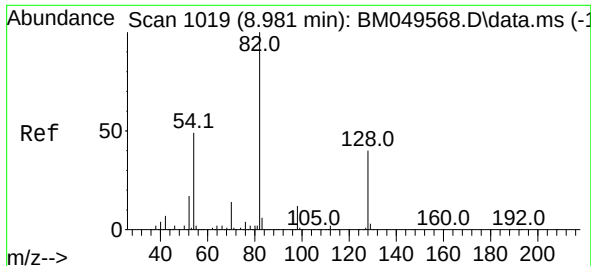
Tgt Ion:136 Resp: 945832
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.9 6.6 10.0
68 5.8 4.8 7.2



#22
Acetophenone
Concen: 85.895 ng
RT: 8.645 min Scan# 962
Delta R.T. 0.000 min
Lab File: BM049571.D
Acq: 05 Feb 2025 15:38

Tgt Ion:105 Resp: 2188192
Ion Ratio Lower Upper
105 100
71 8.0 3.5 5.3#
51 27.1 21.7 32.5
120 23.2 18.1 27.1





#23

Nitrobenzene-d5

Concen: 175.957 ng

RT: 8.987 min Scan# 1019

Delta R.T. 0.006 min

Lab File: BM049571.D

Acq: 05 Feb 2025 15:38

Instrument :

BNA_M

ClientSampleId :

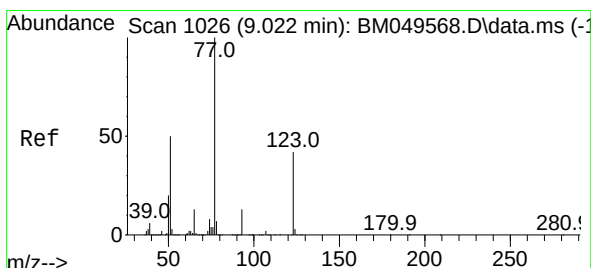
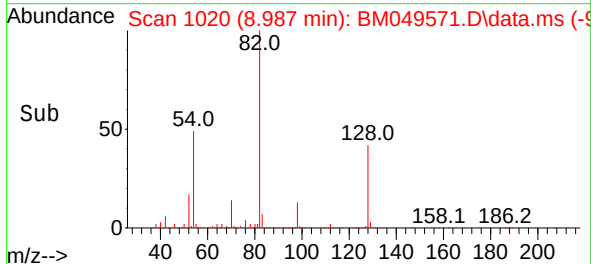
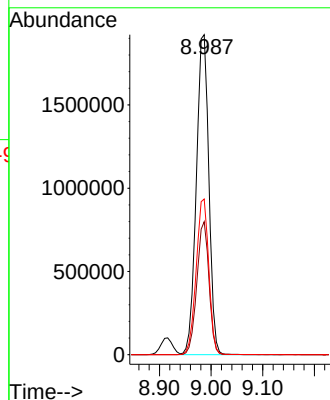
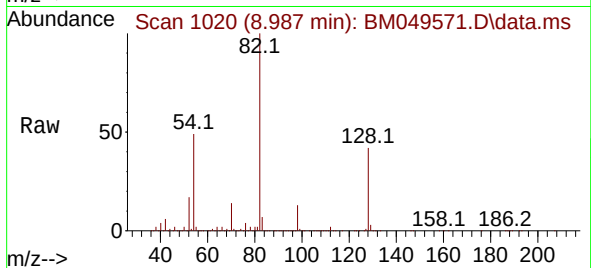
Tgt Ion: 82 Resp: 3235513

Ion Ratio Lower Upper

82 100

128 41.5 31.6 47.4

54 48.6 39.4 59.0



#24

Nitrobenzene

Concen: 85.633 ng

RT: 9.028 min Scan# 1027

Delta R.T. 0.006 min

Lab File: BM049571.D

Acq: 05 Feb 2025 15:38

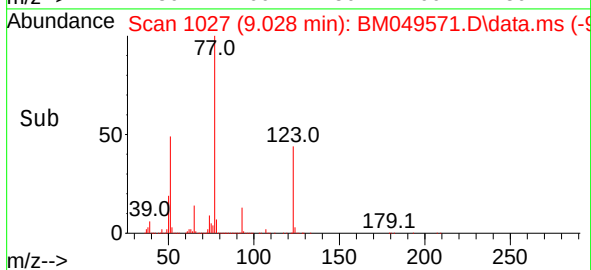
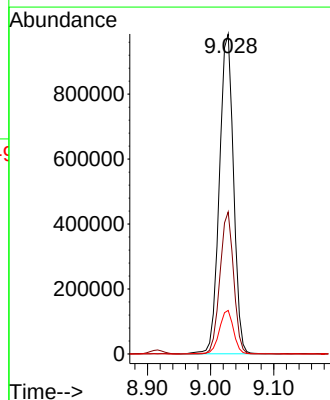
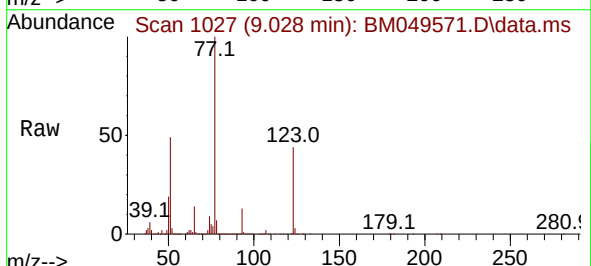
Tgt Ion: 77 Resp: 1529856

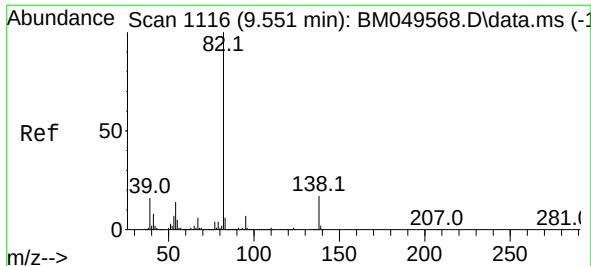
Ion Ratio Lower Upper

77 100

123 44.4 33.4 50.2

65 13.6 10.5 15.7

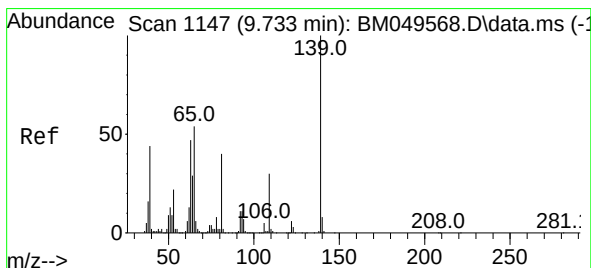
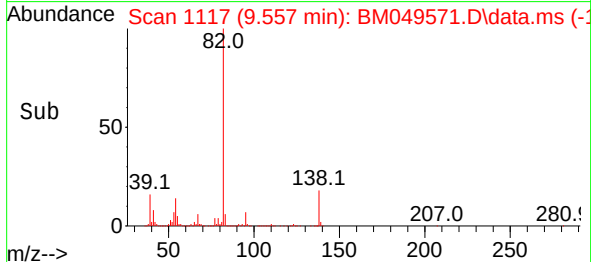
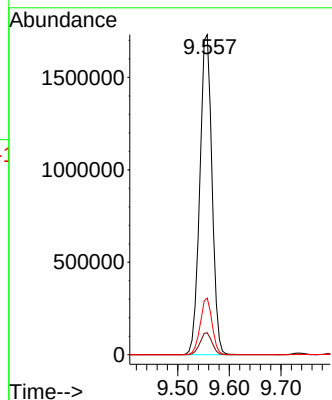
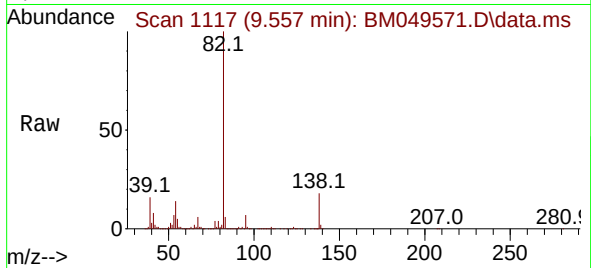




#25
Isophorone
Concen: 85.355 ng
RT: 9.557 min Scan# 1116
Delta R.T. 0.006 min
Lab File: BM049571.D
Acq: 05 Feb 2025 15:38

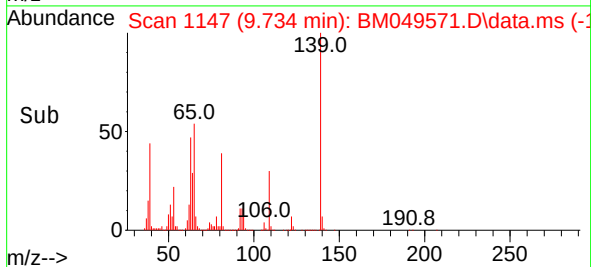
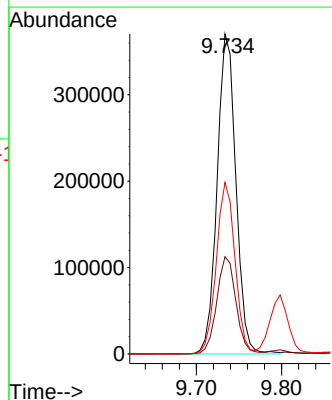
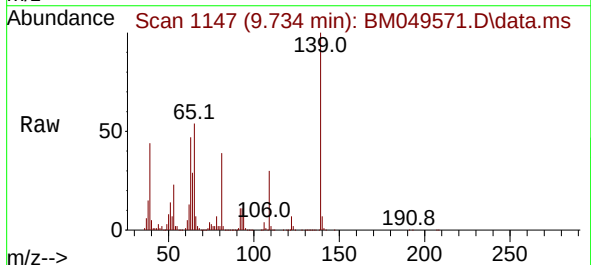
Instrument :
BNA_M
ClientSampleId :

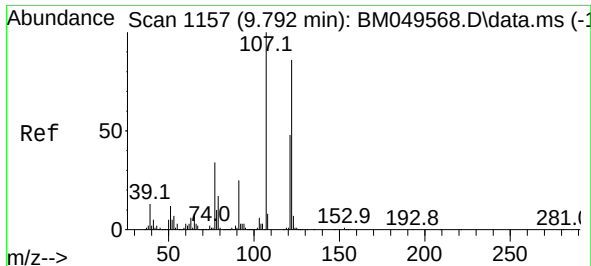
Tgt Ion: 82 Resp: 2830553
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 17.7 13.6 20.4



#26
2-Nitrophenol
Concen: 79.750 ng
RT: 9.734 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BM049571.D
Acq: 05 Feb 2025 15:38

Tgt Ion:139 Resp: 567036
Ion Ratio Lower Upper
139 100
109 30.4 24.2 36.2
65 53.6 43.4 65.2





#27

2,4-Dimethylphenol

Concen: 84.336 ng

RT: 9.798 min Scan# 1157

Delta R.T. 0.006 min

Lab File: BM049571.D

Acq: 05 Feb 2025 15:38

Instrument :

BNA_M

ClientSampleId :

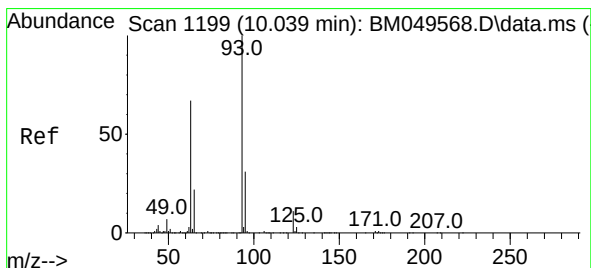
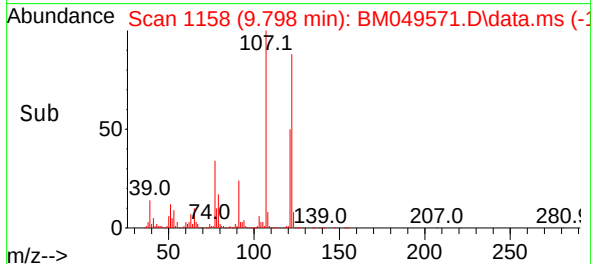
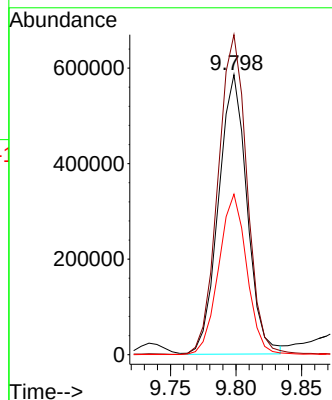
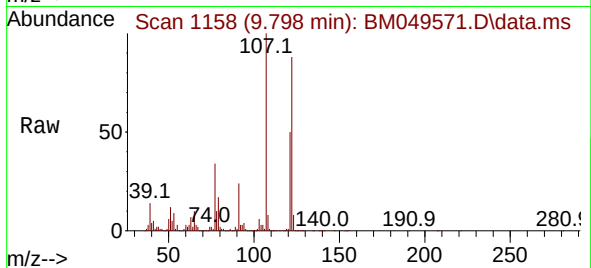
Tgt Ion:122 Resp: 884318

Ion Ratio Lower Upper

122 100

107 114.3 93.2 139.8

121 57.3 44.4 66.6



#28

bis(2-Chloroethoxy)methane

Concen: 84.992 ng

RT: 10.039 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BM049571.D

Acq: 05 Feb 2025 15:38

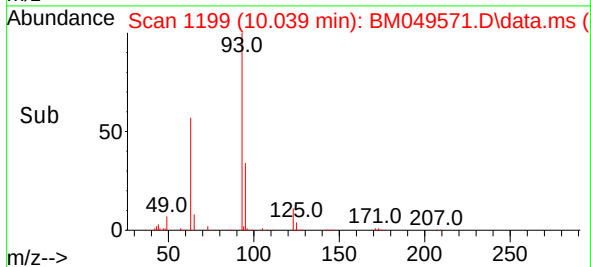
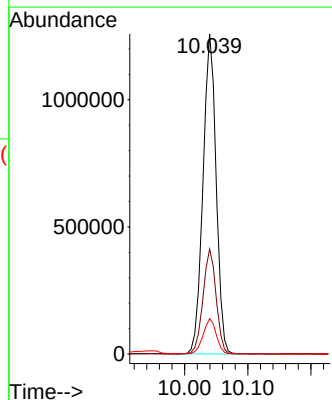
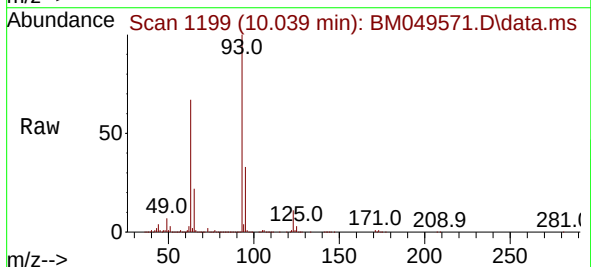
Tgt Ion: 93 Resp: 1815308

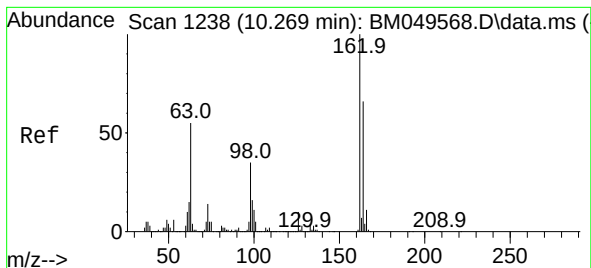
Ion Ratio Lower Upper

93 100

95 32.8 25.2 37.8

123 11.1 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 91.321 ng

RT: 10.269 min Scan# 1238

Delta R.T. 0.000 min

Lab File: BM049571.D

Acq: 05 Feb 2025 15:38

Instrument :

BNA_M

ClientSampleId :

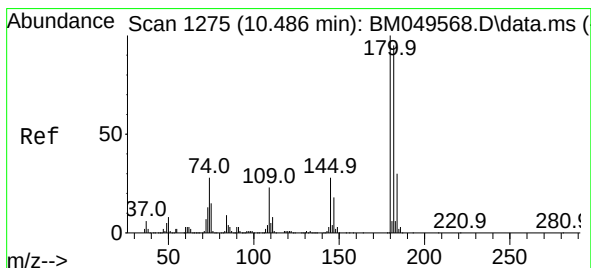
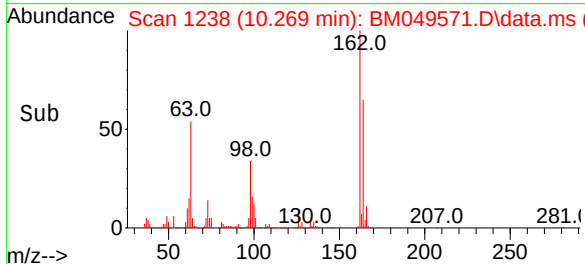
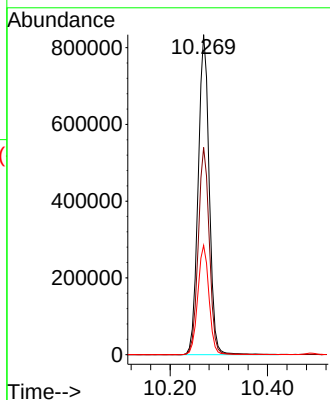
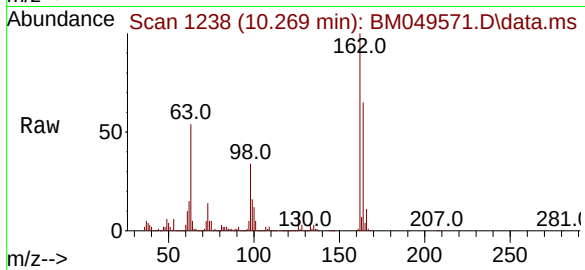
Tgt Ion:162 Resp: 1318702

Ion Ratio Lower Upper

162 100

164 64.8 46.0 86.0

98 34.1 14.7 54.7



#30

1,2,4-Trichlorobenzene

Concen: 86.531 ng

RT: 10.487 min Scan# 1275

Delta R.T. 0.000 min

Lab File: BM049571.D

Acq: 05 Feb 2025 15:38

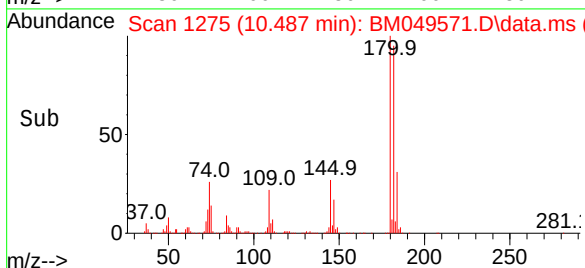
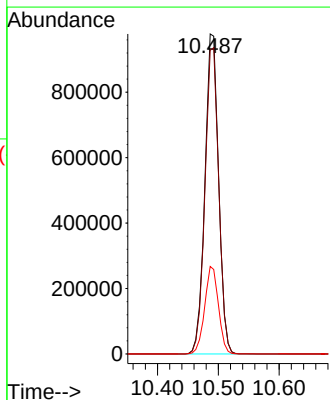
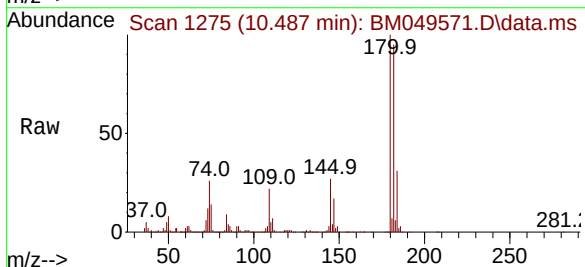
Tgt Ion:180 Resp: 1530870

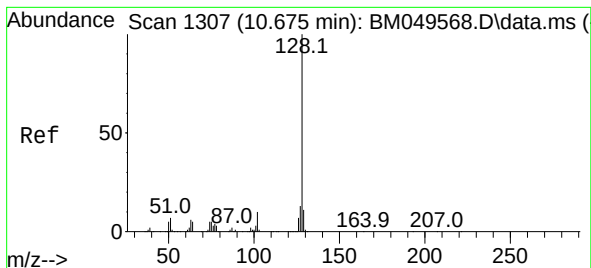
Ion Ratio Lower Upper

180 100

182 94.9 76.4 114.6

145 27.4 22.5 33.7

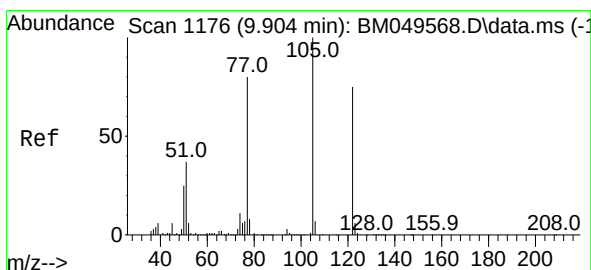
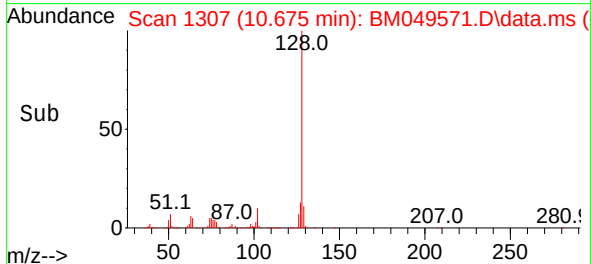
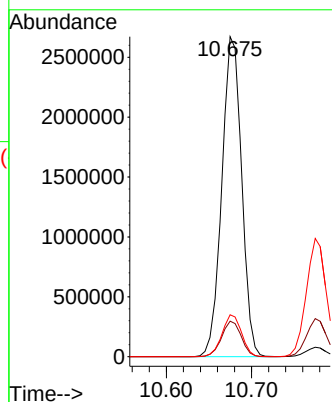
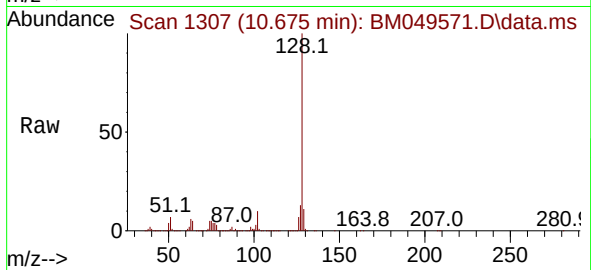




#31
Naphthalene
Concen: 86.524 ng
RT: 10.675 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BM049571.D
Acq: 05 Feb 2025 15:38

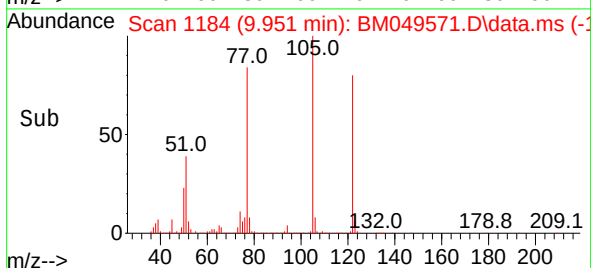
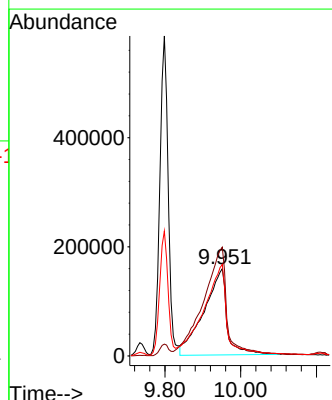
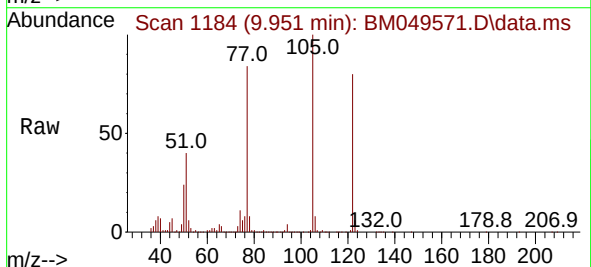
Instrument :
BNA_M
ClientSampleId :

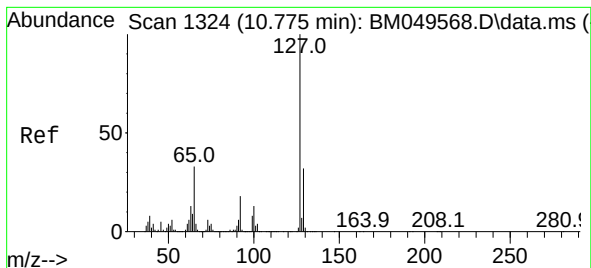
Tgt Ion:128 Resp: 4316119
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.1 10.6 15.8



#32
Benzoic acid
Concen: 80.081 ng
RT: 9.951 min Scan# 1184
Delta R.T. 0.047 min
Lab File: BM049571.D
Acq: 05 Feb 2025 15:38

Tgt Ion:122 Resp: 663599
Ion Ratio Lower Upper
122 100
105 124.7 103.6 143.6
77 104.8 82.4 122.4



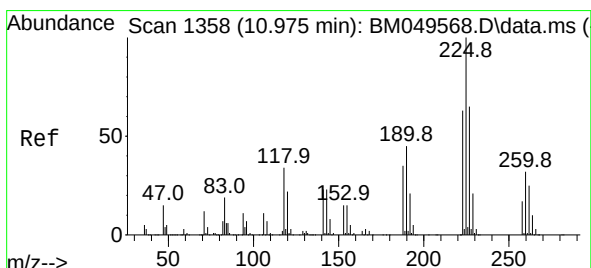
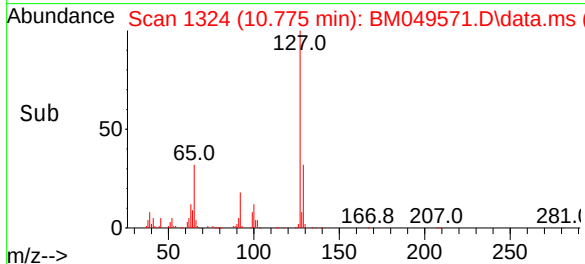
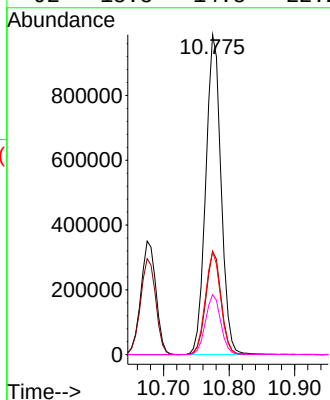
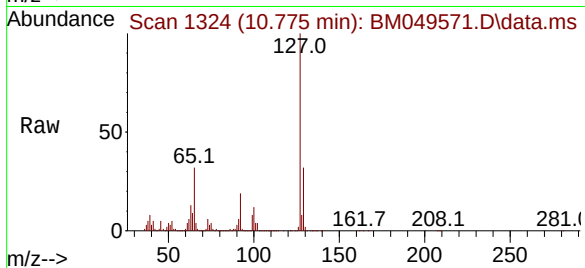


#33
4-Chloroaniline
Concen: 86.098 ng
RT: 10.775 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BM049571.D
Acq: 05 Feb 2025 15:38

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:127 Resp: 1607588

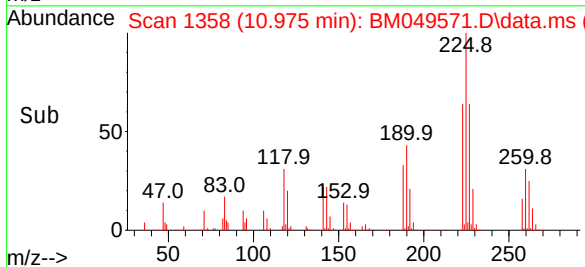
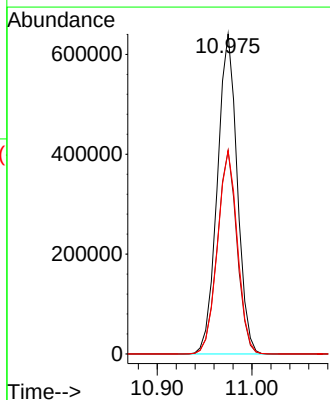
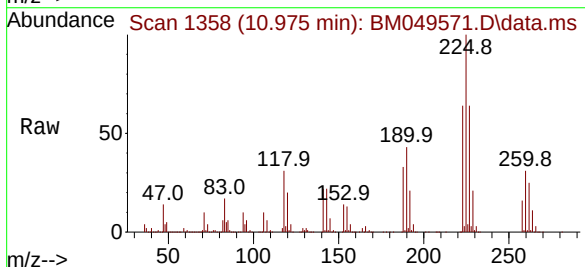
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.8	38.8
65	32.3	26.4	39.6
92	18.8	14.8	22.2

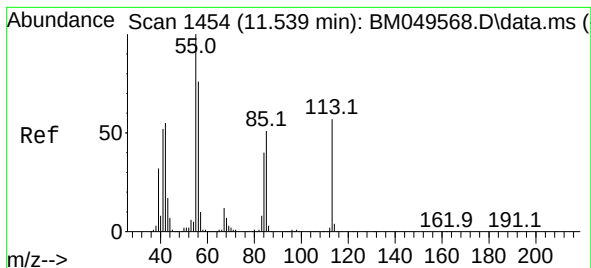


#34
Hexachlorobutadiene
Concen: 88.129 ng
RT: 10.975 min Scan# 1358
Delta R.T. 0.000 min
Lab File: BM049571.D
Acq: 05 Feb 2025 15:38

Tgt Ion:225 Resp: 933686

Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.6	75.8
227	63.5	51.8	77.6





#35

Caprolactam

Concen: 90.216 ng

RT: 11.563 min Scan# 1458

Delta R.T. 0.024 min

Lab File: BM049571.D

Acq: 05 Feb 2025 15:38

Instrument :

BNA_M

ClientSampleId :

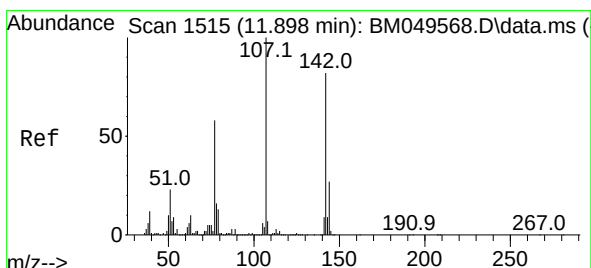
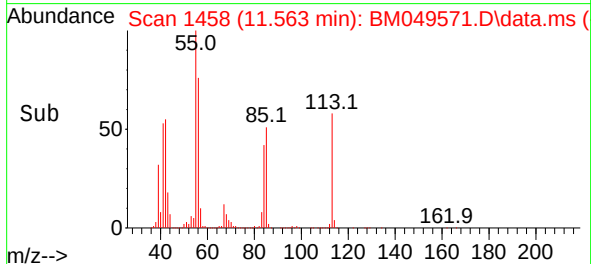
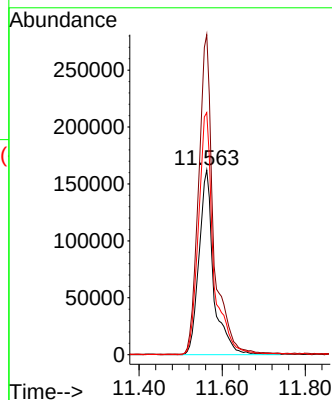
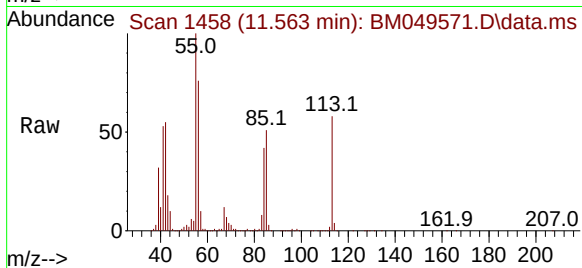
Tgt Ion:113 Resp: 397436

Ion Ratio Lower Upper

113 100

55 173.3 157.5 197.5

56 131.1 114.6 154.6



#36

4-Chloro-3-methylphenol

Concen: 90.907 ng

RT: 11.904 min Scan# 1516

Delta R.T. 0.006 min

Lab File: BM049571.D

Acq: 05 Feb 2025 15:38

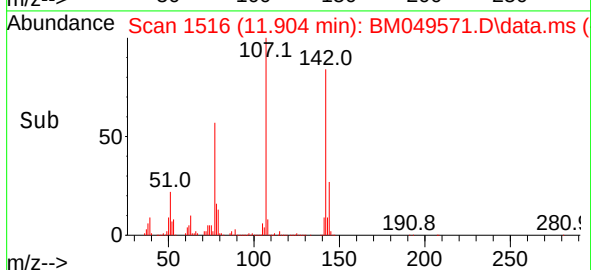
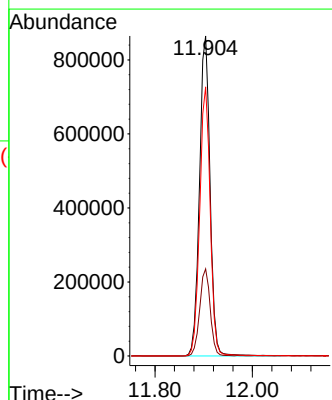
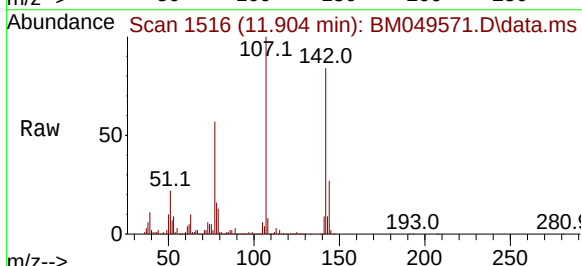
Tgt Ion:107 Resp: 1309139

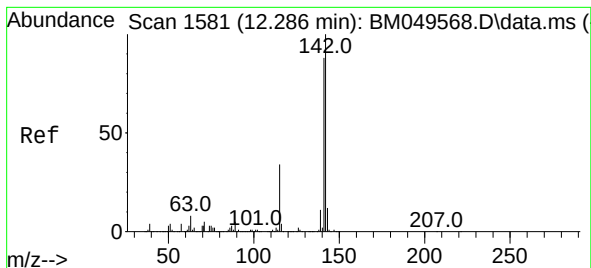
Ion Ratio Lower Upper

107 100

144 27.2 21.2 31.8

142 84.1 65.4 98.2





#37

2-Methylnaphthalene

Concen: 88.699 ng

RT: 12.292 min Scan# 1582

Delta R.T. 0.006 min

Lab File: BM049571.D

Acq: 05 Feb 2025 15:38

Instrument :

BNA_M

ClientSampleId :

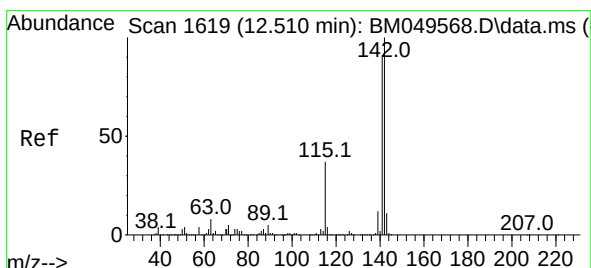
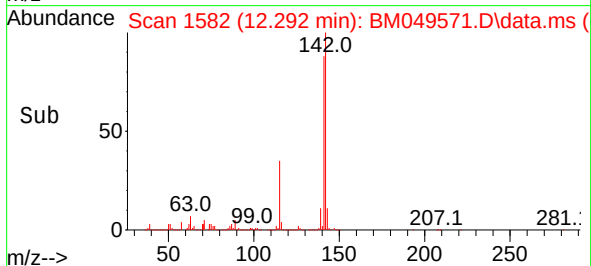
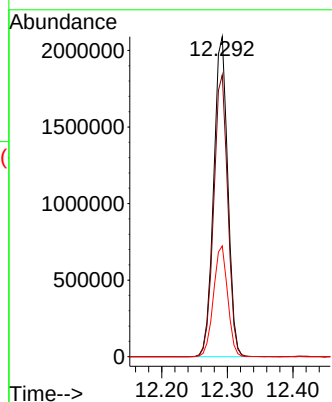
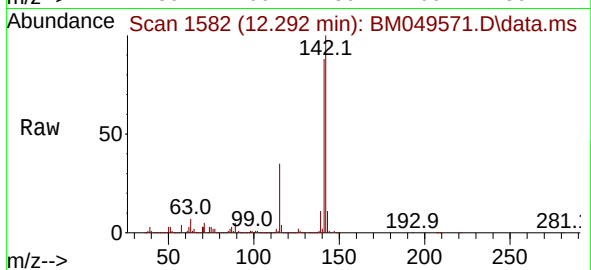
Tgt Ion:142 Resp: 3115266

Ion Ratio Lower Upper

142 100

141 88.0 70.2 105.4

115 34.6 27.5 41.3



#38

1-Methylnaphthalene

Concen: 88.634 ng

RT: 12.510 min Scan# 1619

Delta R.T. 0.000 min

Lab File: BM049571.D

Acq: 05 Feb 2025 15:38

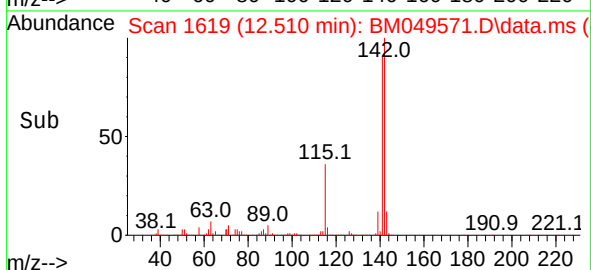
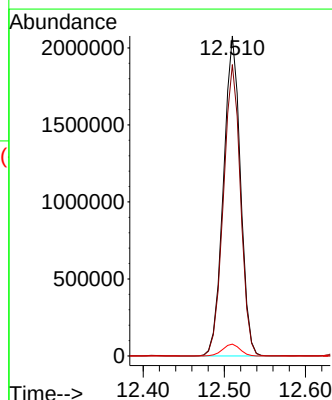
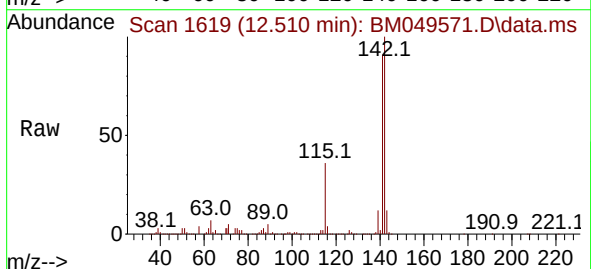
Tgt Ion:142 Resp: 3028775

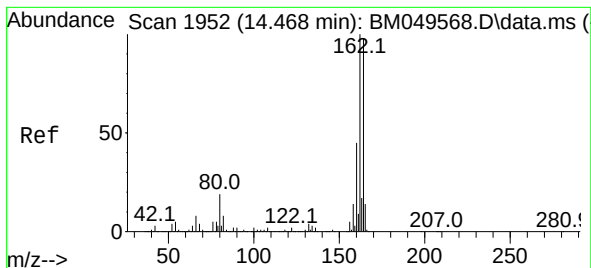
Ion Ratio Lower Upper

142 100

141 91.1 73.1 109.7

116 3.7 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.469 min Scan# 1

Delta R.T. 0.000 min

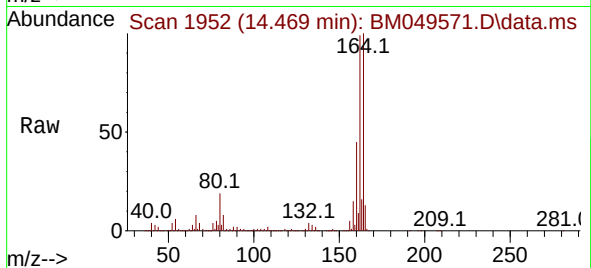
Lab File: BM049571.D

Acq: 05 Feb 2025 15:38

Instrument :

BNA_M

ClientSampleId :



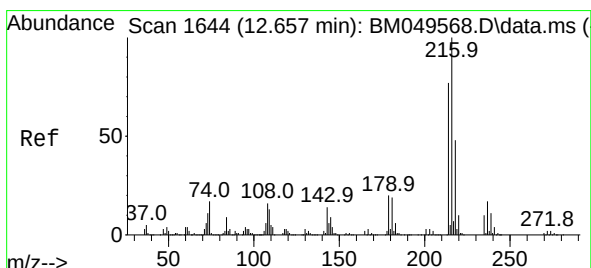
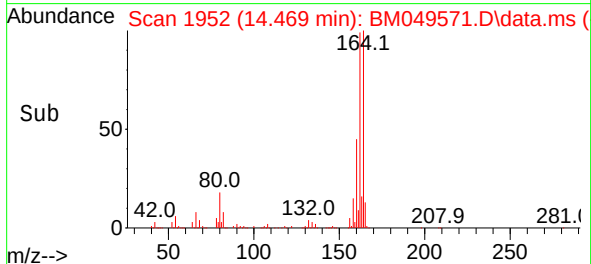
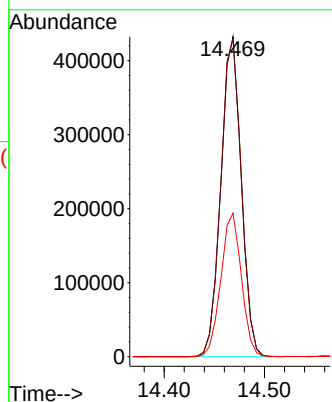
Tgt Ion:164 Resp: 608084

Ion Ratio Lower Upper

164 100

162 99.3 81.4 122.0

160 44.9 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 91.444 ng

RT: 12.657 min Scan# 1644

Delta R.T. 0.000 min

Lab File: BM049571.D

Acq: 05 Feb 2025 15:38

Tgt Ion:216 Resp: 1828233

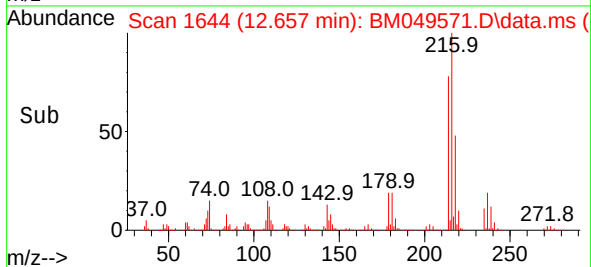
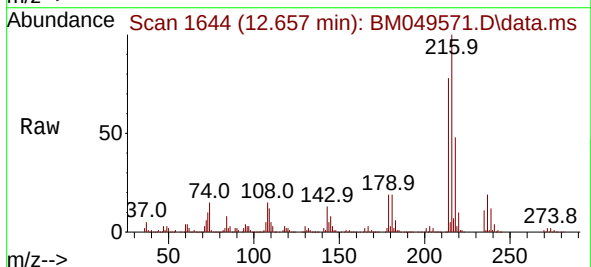
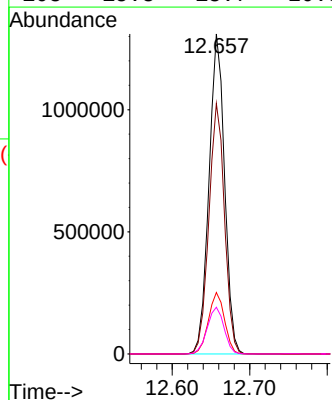
Ion Ratio Lower Upper

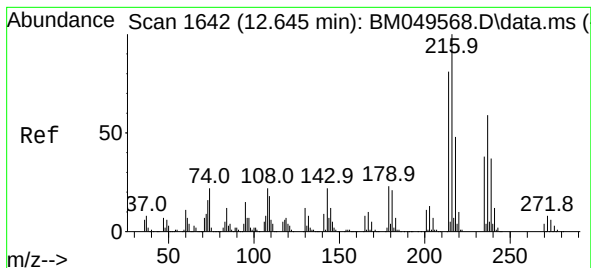
216 100

214 78.5 62.4 93.6

179 19.8 16.3 24.5

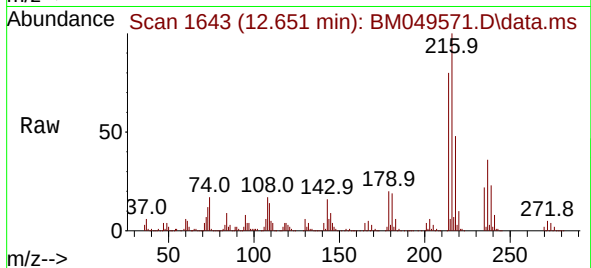
108 15.8 13.7 20.5



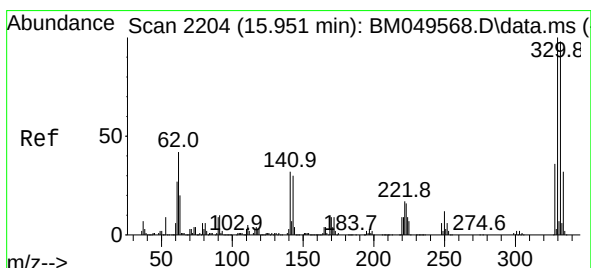
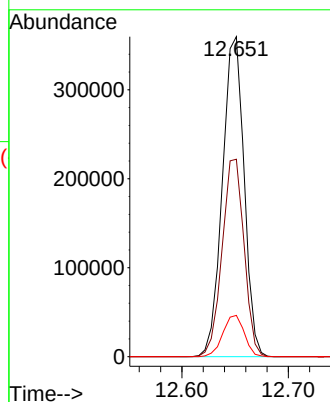
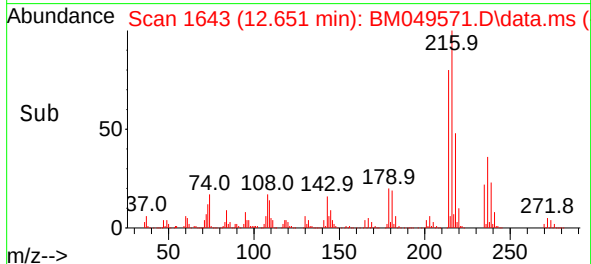


#41
Hexachlorocyclopentadiene
Concen: 99.725 ng
RT: 12.651 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM049571.D
Acq: 05 Feb 2025 15:38

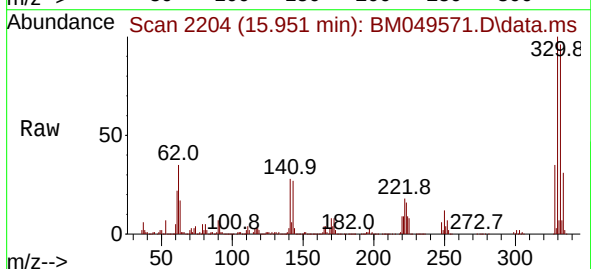
Instrument :
BNA_M
ClientSampleId :



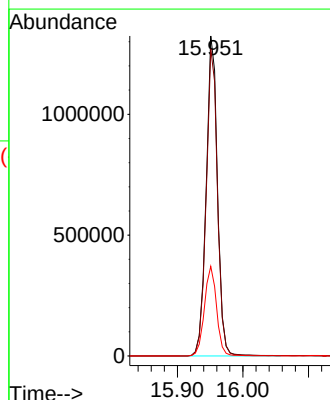
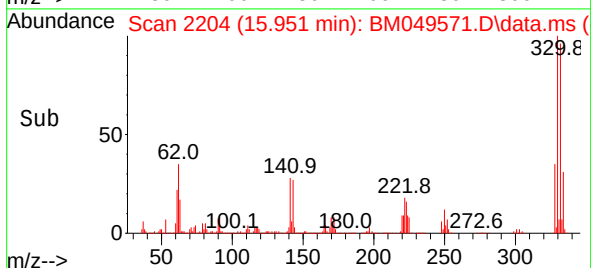
Tgt Ion:237 Resp: 508985
Ion Ratio Lower Upper
237 100
235 61.7 43.8 83.8
272 12.9 0.0 33.5

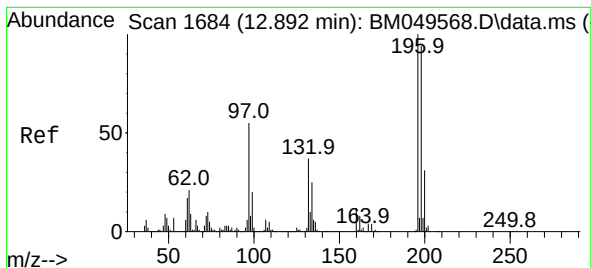


#42
2,4,6-Tribromophenol
Concen: 220.808 ng
RT: 15.951 min Scan# 2204
Delta R.T. 0.000 min
Lab File: BM049571.D
Acq: 05 Feb 2025 15:38



Tgt Ion:330 Resp: 1590986
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 30.2 28.2 42.2





#43

2,4,6-Trichlorophenol

Concen: 95.796 ng

RT: 12.892 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM049571.D

Acq: 05 Feb 2025 15:38

Instrument :

BNA_M

ClientSampleId :

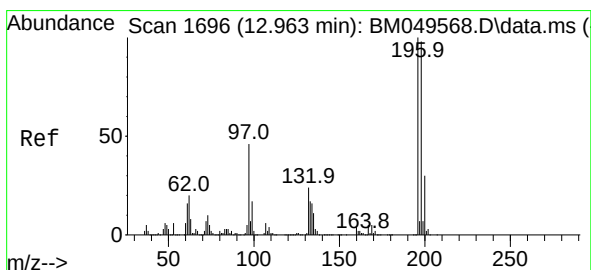
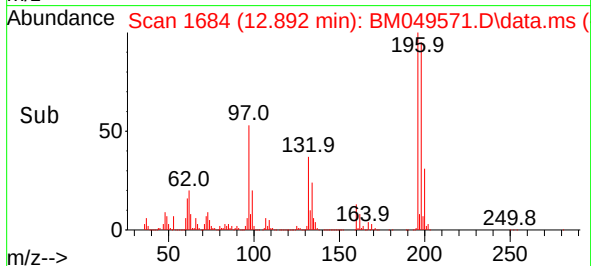
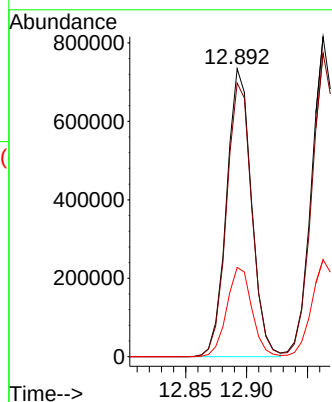
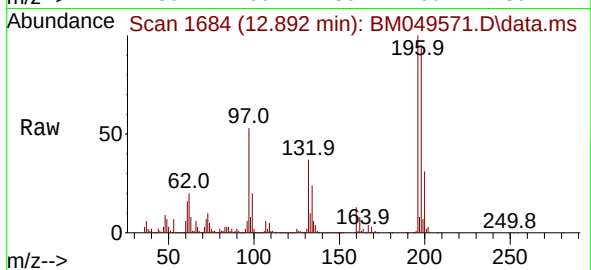
Tgt Ion:196 Resp: 1045121

Ion Ratio Lower Upper

196 100

198 95.0 75.4 113.0

200 31.0 25.1 37.7



#44

2,4,5-Trichlorophenol

Concen: 96.040 ng

RT: 12.963 min Scan# 1696

Delta R.T. 0.000 min

Lab File: BM049571.D

Acq: 05 Feb 2025 15:38

Tgt Ion:196 Resp: 1151455

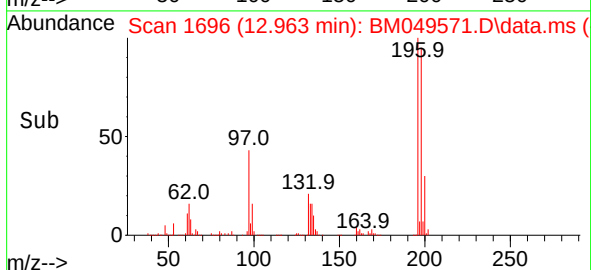
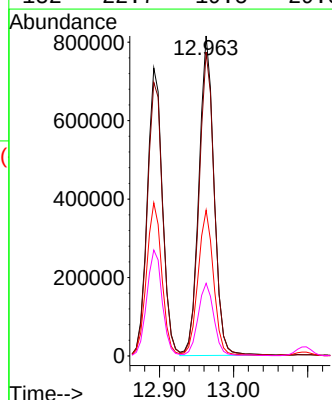
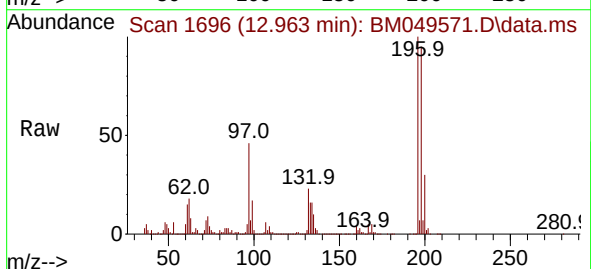
Ion Ratio Lower Upper

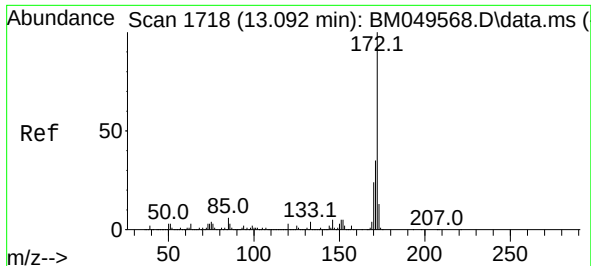
196 100

198 94.9 78.4 117.6

97 45.5 37.4 56.0

132 22.7 19.5 29.3





#45

2-Fluorobiphenyl

Concen: 182.538 ng

RT: 13.098 min Scan# 1718

Delta R.T. 0.006 min

Lab File: BM049571.D

Acq: 05 Feb 2025 15:38

Instrument :

BNA_M

ClientSampleId :

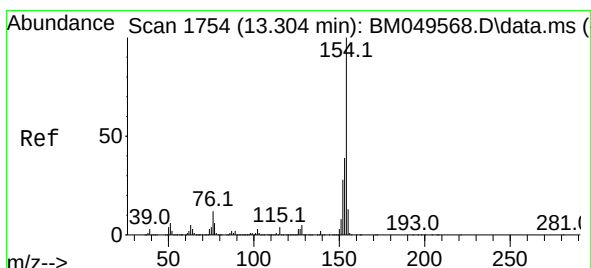
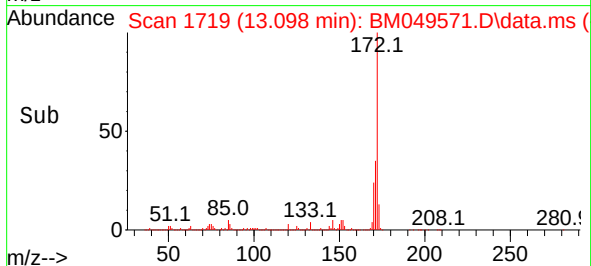
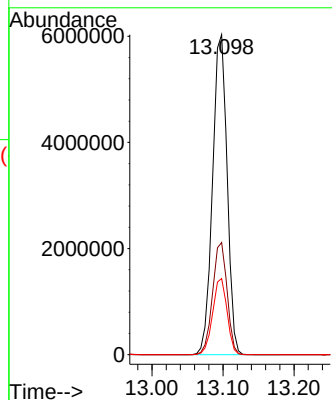
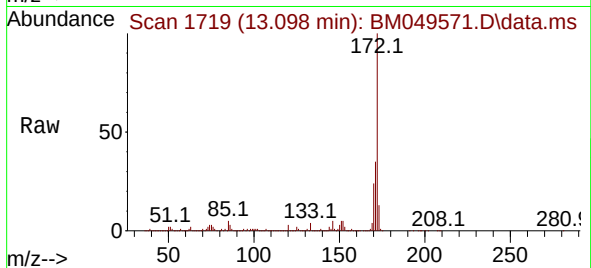
Tgt Ion:172 Resp: 8568319

Ion Ratio Lower Upper

172 100

171 35.0 28.0 42.0

170 23.8 19.0 28.4



#46

1,1'-Biphenyl

Concen: 88.100 ng

RT: 13.304 min Scan# 1754

Delta R.T. 0.000 min

Lab File: BM049571.D

Acq: 05 Feb 2025 15:38

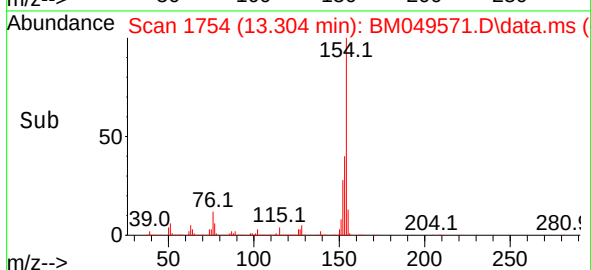
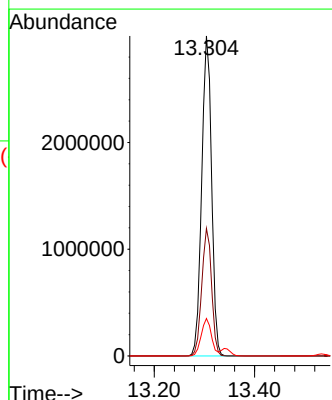
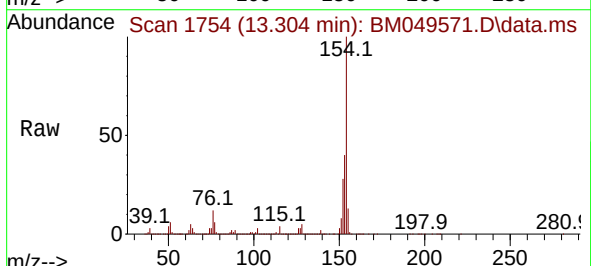
Tgt Ion:154 Resp: 4086791

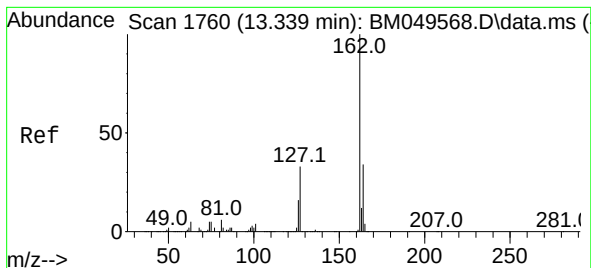
Ion Ratio Lower Upper

154 100

153 39.8 19.5 59.5

76 11.7 0.0 32.1





#47

2-Chloronaphthalene

Concen: 87.424 ng

RT: 13.339 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM049571.D

Acq: 05 Feb 2025 15:38

Instrument :

BNA_M

ClientSampleId :

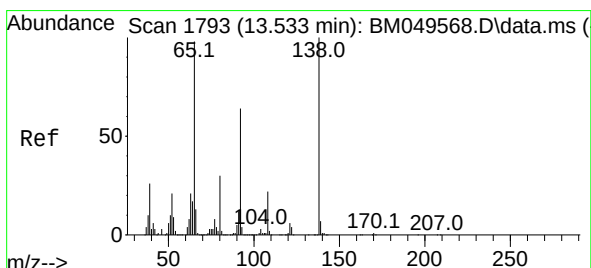
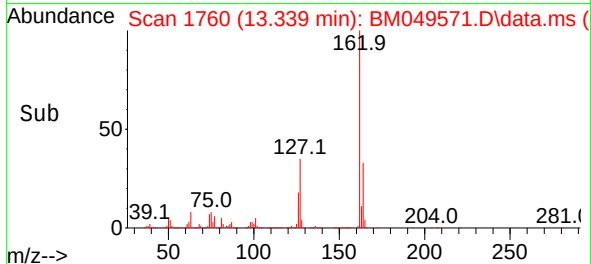
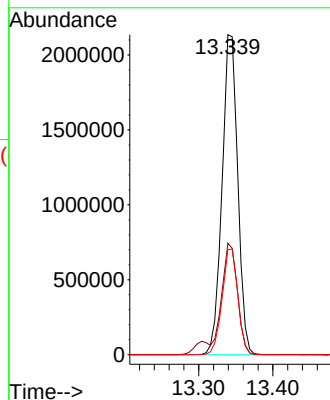
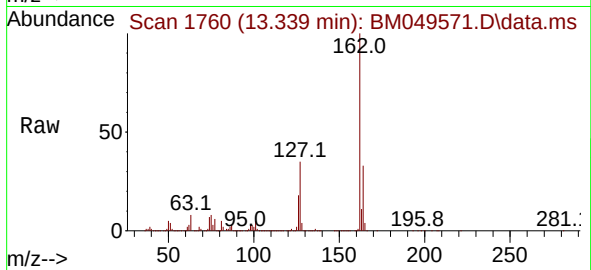
Tgt Ion:162 Resp: 3137702

Ion Ratio Lower Upper

162 100

127 34.8 27.9 41.9

164 32.9 26.8 40.2



#48

2-Nitroaniline

Concen: 81.995 ng

RT: 13.533 min Scan# 1793

Delta R.T. 0.000 min

Lab File: BM049571.D

Acq: 05 Feb 2025 15:38

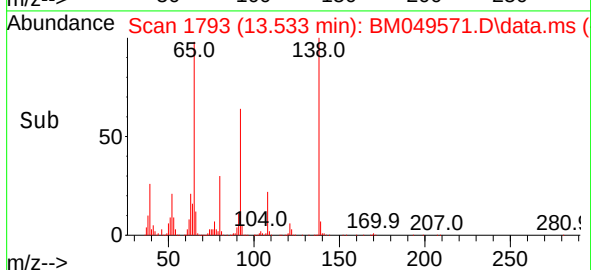
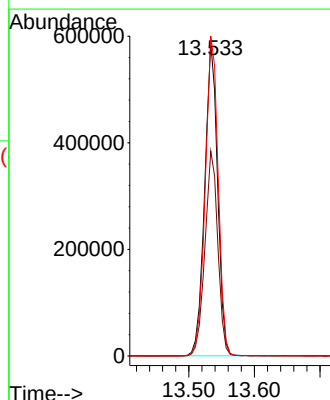
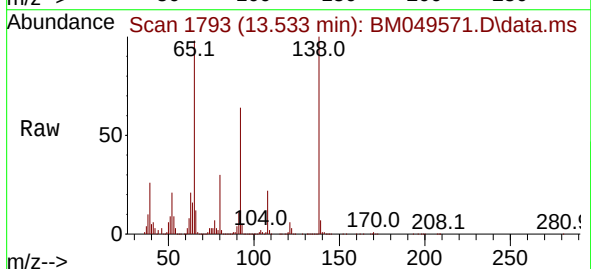
Tgt Ion: 65 Resp: 806167

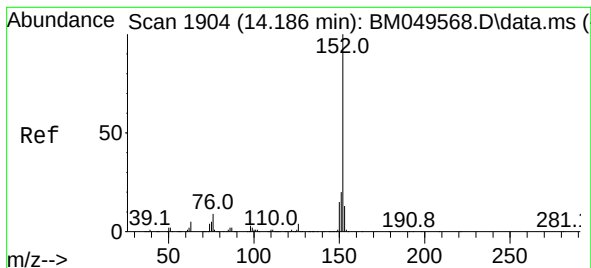
Ion Ratio Lower Upper

65 100

92 65.4 52.0 78.0

138 102.1 81.6 122.4





#49

Acenaphthylene

Concen: 88.602 ng

RT: 14.186 min Scan# 1904

Delta R.T. 0.000 min

Lab File: BM049571.D

Acq: 05 Feb 2025 15:38

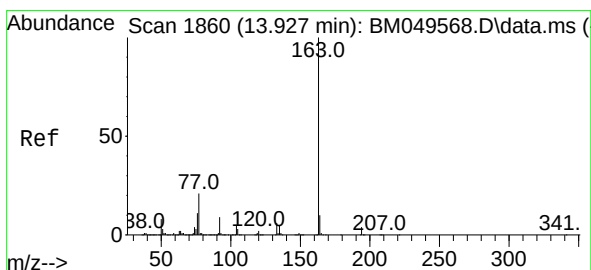
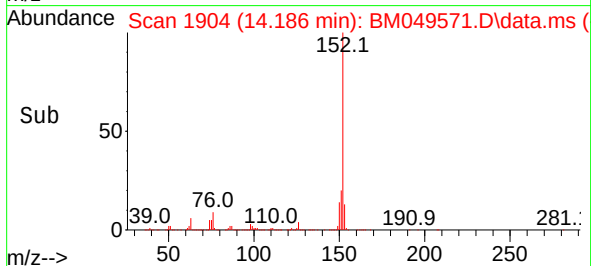
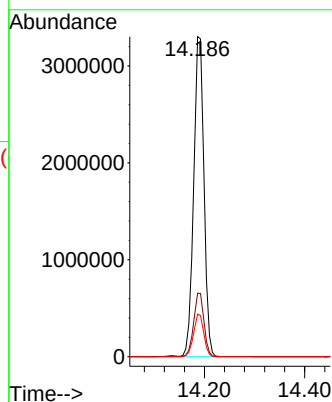
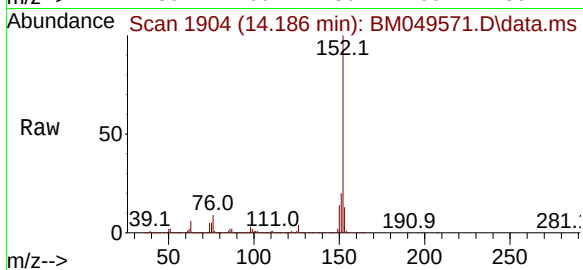
Instrument :

BNA_M

ClientSampleId :

Tgt Ion:152 Resp: 4689081

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.2	24.4
153	13.3	10.6	16.0



#50

Dimethylphthalate

Concen: 87.885 ng

RT: 13.933 min Scan# 1861

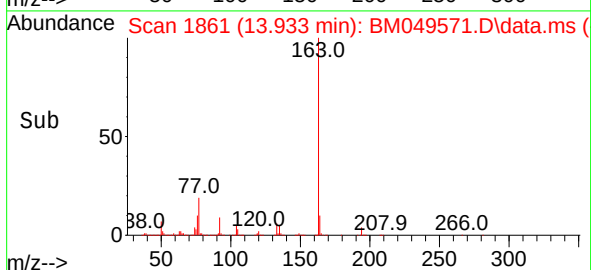
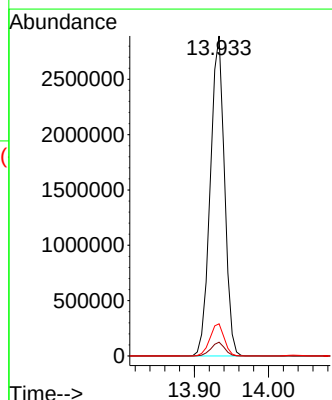
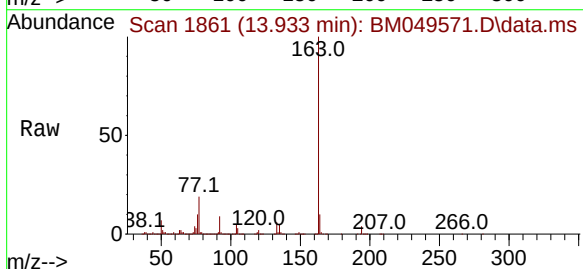
Delta R.T. 0.006 min

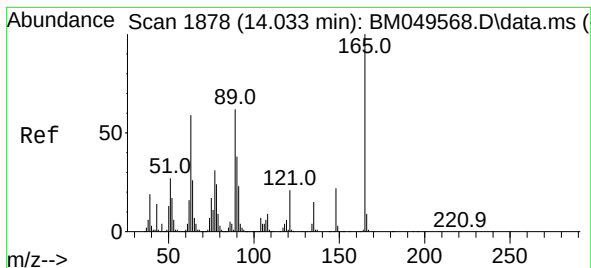
Lab File: BM049571.D

Acq: 05 Feb 2025 15:38

Tgt Ion:163 Resp: 3837859

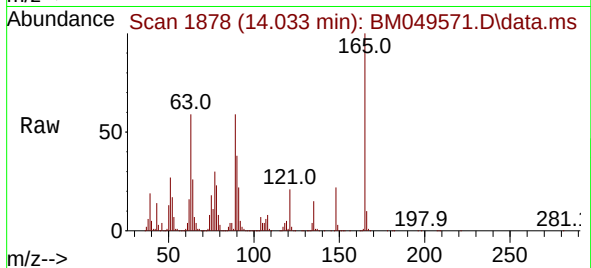
Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	10.1	8.1	12.1



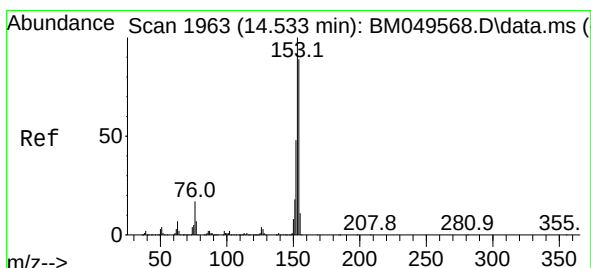
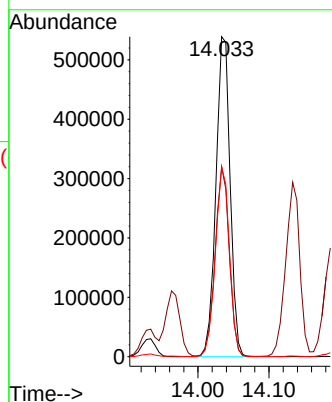
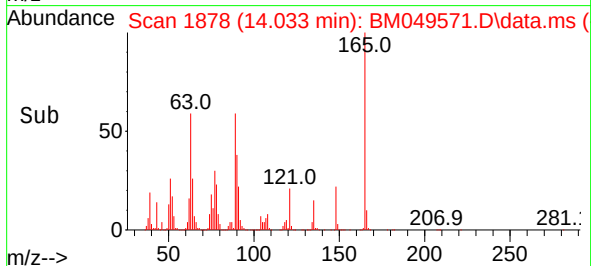


#51
2,6-Dinitrotoluene
Concen: 98.599 ng
RT: 14.033 min Scan# 1878
Delta R.T. 0.000 min
Lab File: BM049571.D
Acq: 05 Feb 2025 15:38

Instrument :
BNA_M
ClientSampleId :

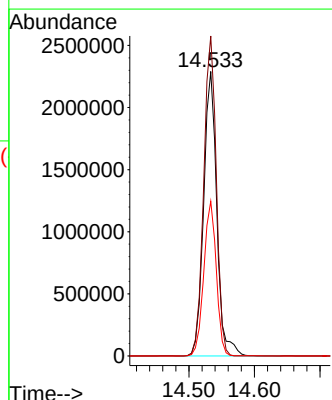
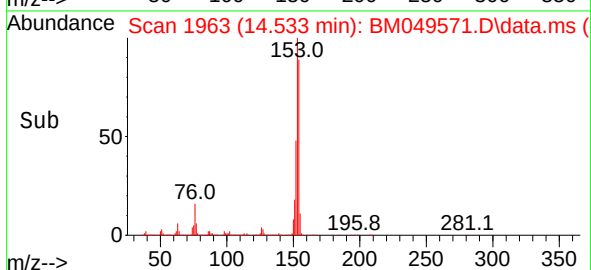
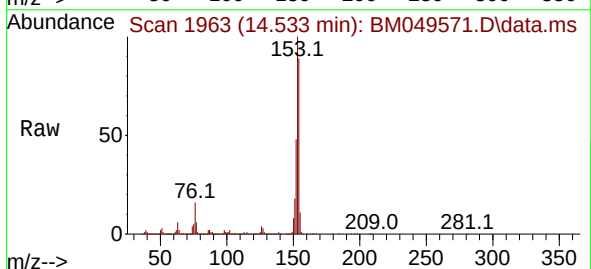


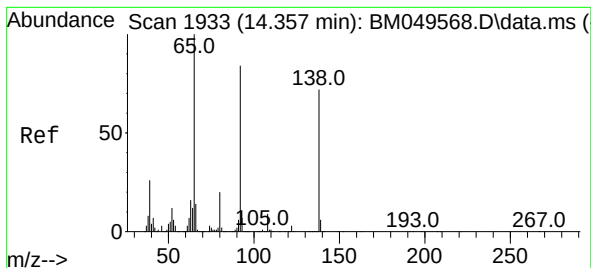
Tgt Ion:165 Resp: 745057
Ion Ratio Lower Upper
165 100
63 59.3 47.8 71.6
89 59.3 49.2 73.8



#52
Acenaphthene
Concen: 91.080 ng
RT: 14.533 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BM049571.D
Acq: 05 Feb 2025 15:38

Tgt Ion:154 Resp: 3199464
Ion Ratio Lower Upper
154 100
153 112.5 90.0 135.0
152 54.4 43.0 64.4

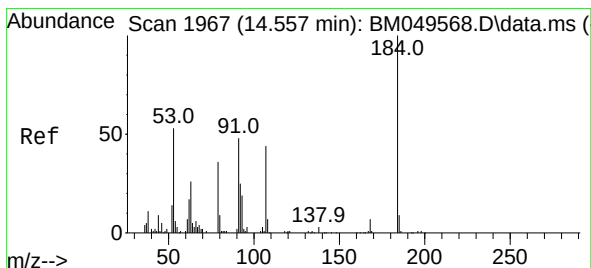
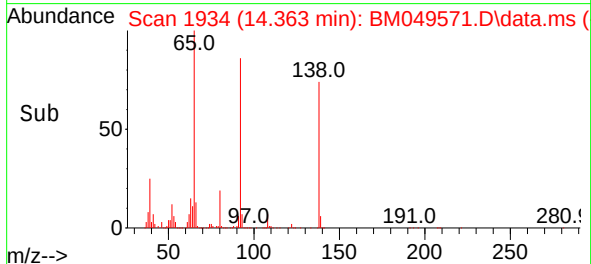
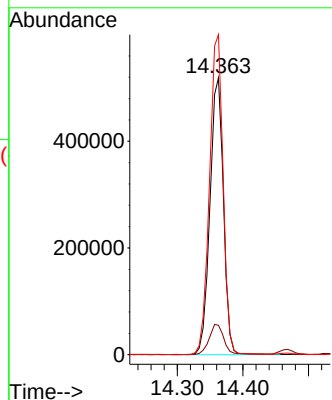
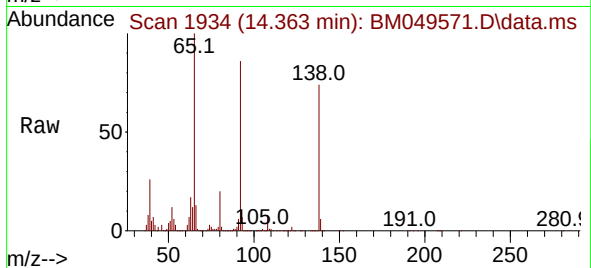




#53
3-Nitroaniline
Concen: 96.492 ng
RT: 14.363 min Scan# 1934
Delta R.T. 0.006 min
Lab File: BM049571.D
Acq: 05 Feb 2025 15:38

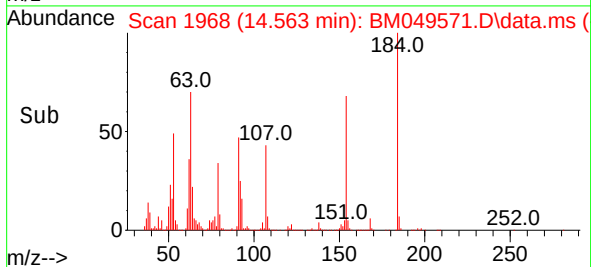
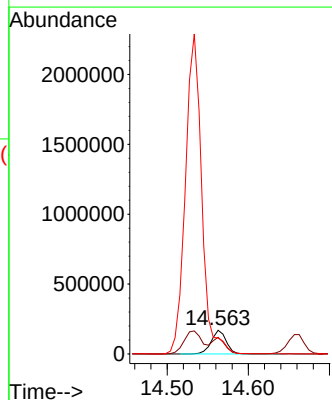
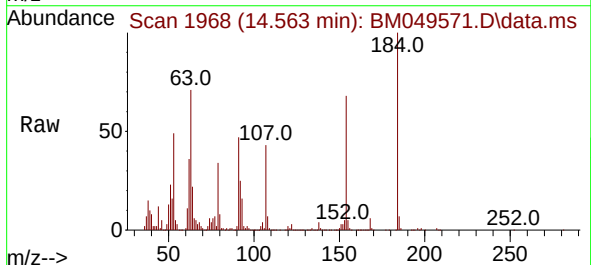
Instrument :
BNA_M
ClientSampleId :

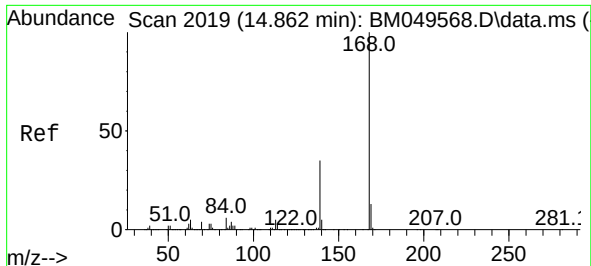
Tgt Ion:138 Resp: 742364
Ion Ratio Lower Upper
138 100
108 10.6 10.3 15.5
92 115.6 93.6 140.4



#54
2,4-Dinitrophenol
Concen: 79.846 ng
RT: 14.563 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BM049571.D
Acq: 05 Feb 2025 15:38

Tgt Ion:184 Resp: 217814
Ion Ratio Lower Upper
184 100
63 70.8 60.2 90.4
154 67.9 78.2 117.4#





#55

Dibenzenofuran

Concen: 89.429 ng

RT: 14.869 min Scan# 2019

Delta R.T. 0.006 min

Lab File: BM049571.D

Acq: 05 Feb 2025 15:38

Instrument :

BNA_M

ClientSampleId :

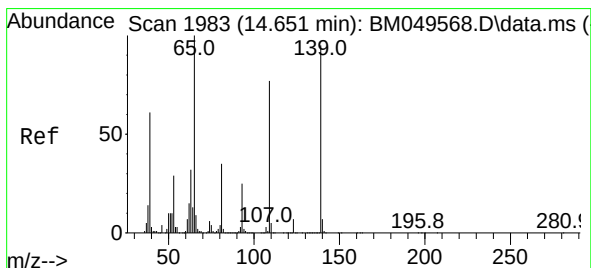
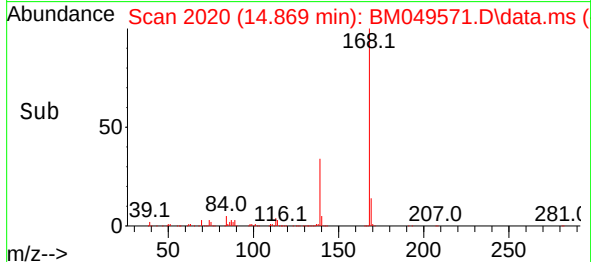
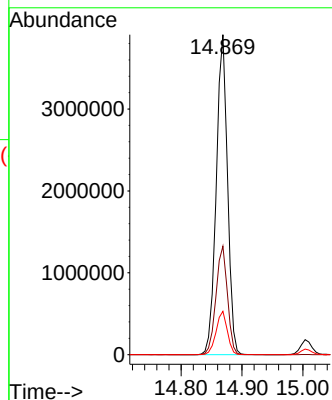
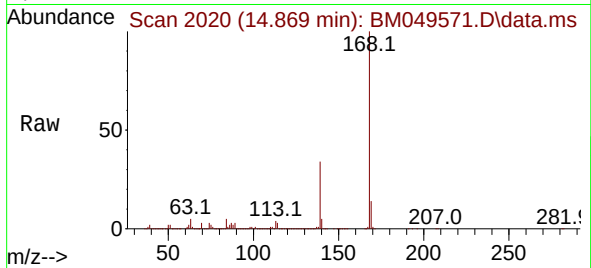
Tgt Ion:168 Resp: 5002170

Ion Ratio Lower Upper

168 100

139 33.9 28.4 42.6

169 13.6 10.8 16.2



#56

4-Nitrophenol

Concen: 97.261 ng

RT: 14.663 min Scan# 1985

Delta R.T. 0.012 min

Lab File: BM049571.D

Acq: 05 Feb 2025 15:38

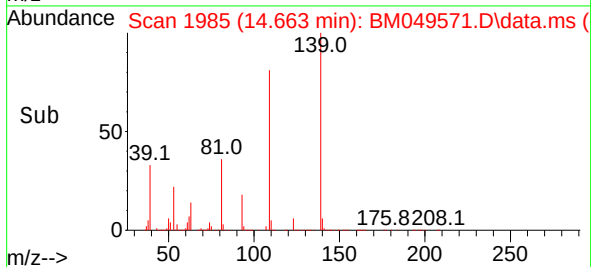
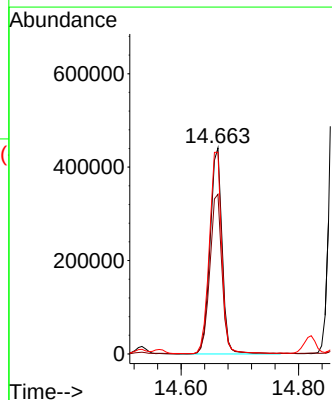
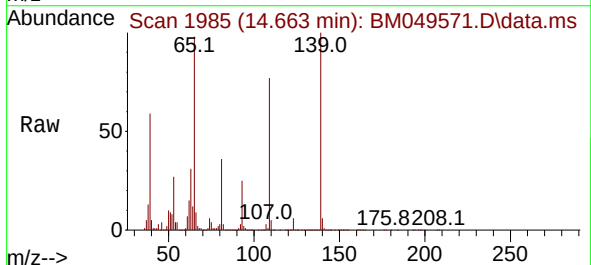
Tgt Ion:139 Resp: 630774

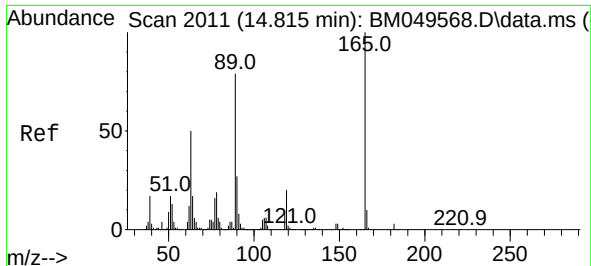
Ion Ratio Lower Upper

139 100

109 77.5 61.4 101.4

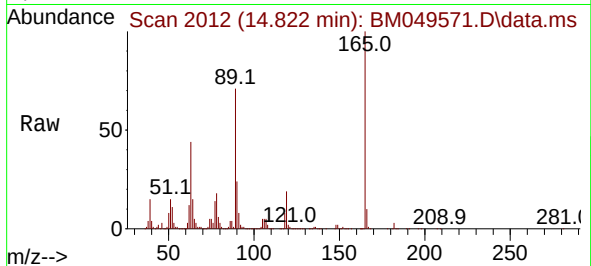
65 97.9 85.6 125.6



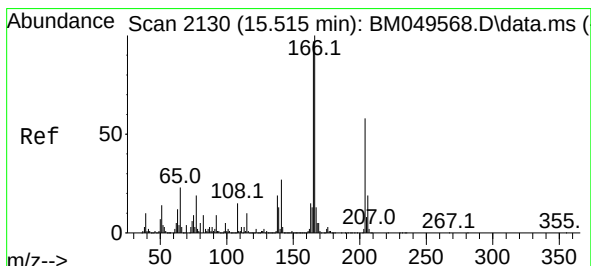
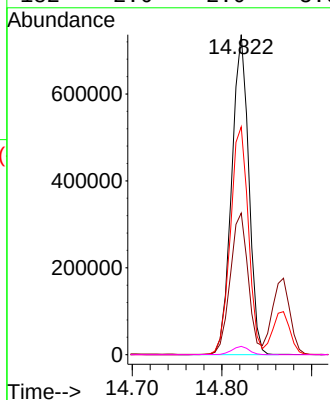
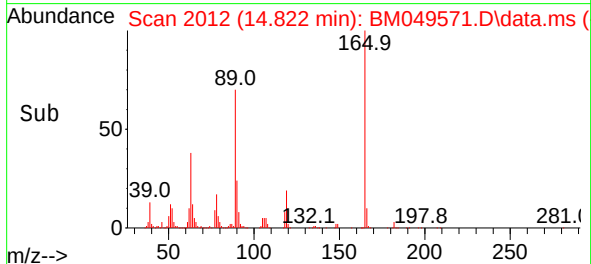


#57
2,4-Dinitrotoluene
Concen: 79.808 ng
RT: 14.822 min Scan# 2011
Delta R.T. 0.006 min
Lab File: BM049571.D
Acq: 05 Feb 2025 15:38

Instrument :
BNA_M
ClientSampleId :

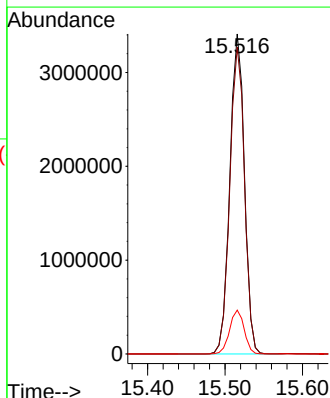
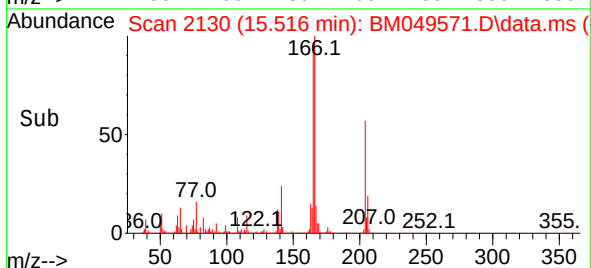
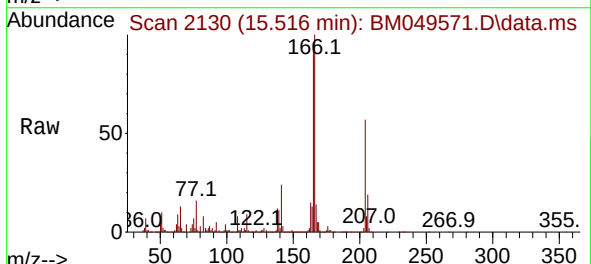


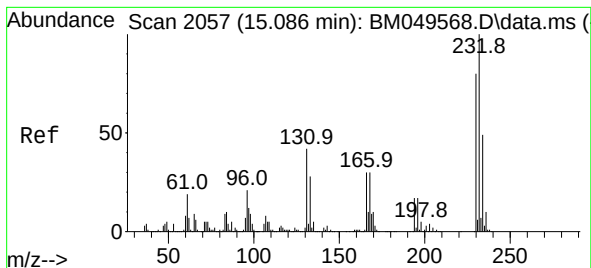
Tgt Ion:165 Resp: 976052
Ion Ratio Lower Upper
165 100
63 44.3 39.8 59.6
89 71.2 63.5 95.3
182 2.6 2.0 3.0



#58
Fluorene
Concen: 93.525 ng
RT: 15.516 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BM049571.D
Acq: 05 Feb 2025 15:38

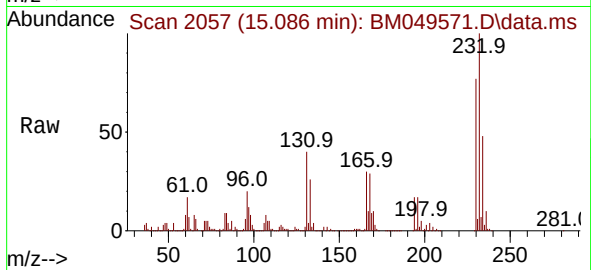
Tgt Ion:166 Resp: 4475141
Ion Ratio Lower Upper
166 100
165 96.0 77.7 116.5
167 13.7 10.7 16.1



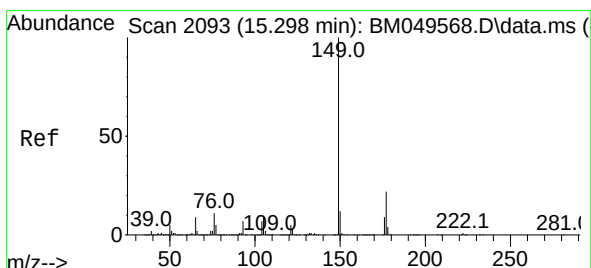
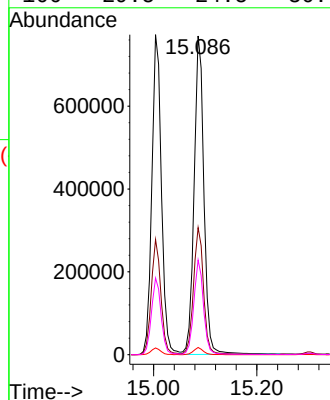
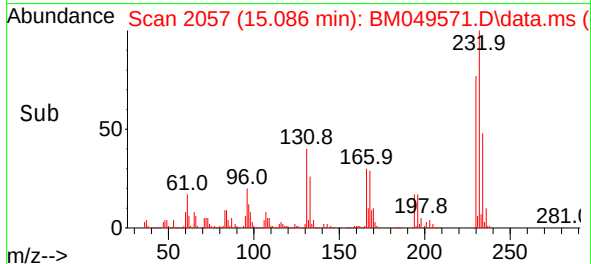


#59
2,3,4,6-Tetrachlorophenol
Concen: 100.048 ng
RT: 15.086 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BM049571.D
Acq: 05 Feb 2025 15:38

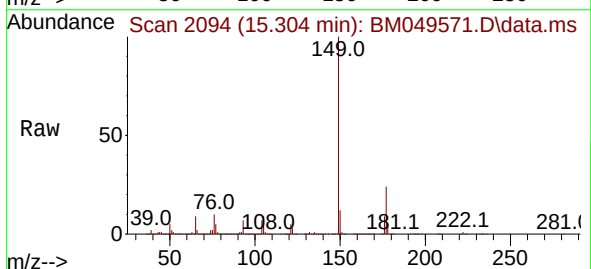
Instrument :
BNA_M
ClientSampleId :



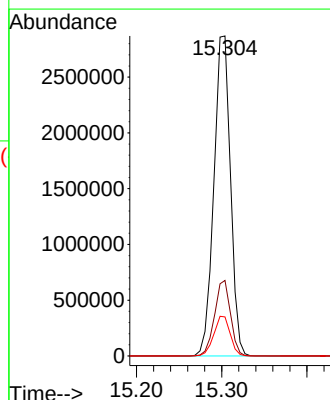
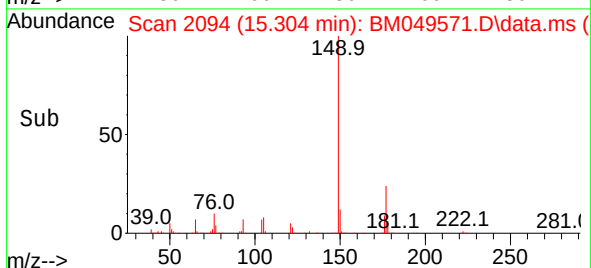
Tgt Ion:232 Resp: 1013413
Ion Ratio Lower Upper
232 100
131 40.8 34.5 51.7
130 2.2 1.9 2.9
166 29.5 24.5 36.7

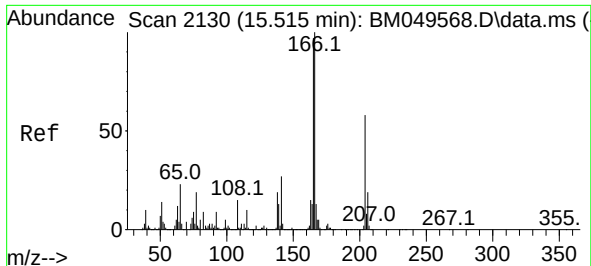


#60
Diethylphthalate
Concen: 88.436 ng
RT: 15.304 min Scan# 2094
Delta R.T. 0.006 min
Lab File: BM049571.D
Acq: 05 Feb 2025 15:38



Tgt Ion:149 Resp: 3881235
Ion Ratio Lower Upper
149 100
177 23.6 18.0 27.0
150 12.2 9.7 14.5

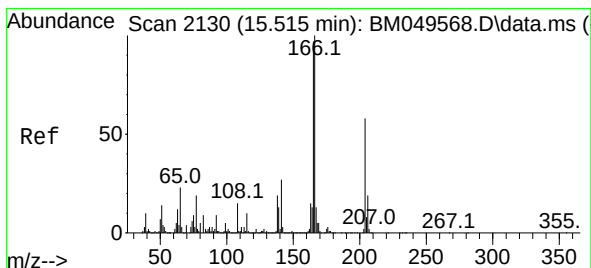
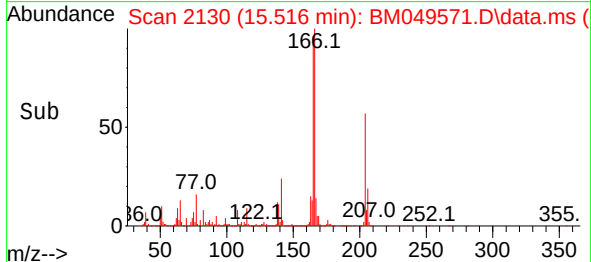
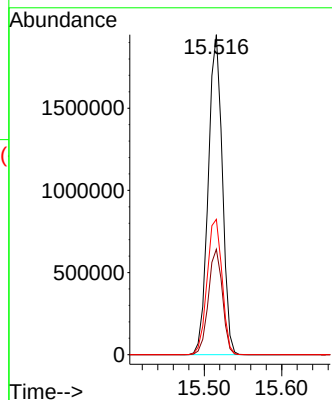
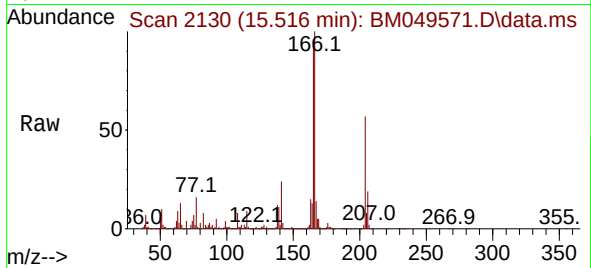




#61
4-Chlorophenyl-phenylether
Concen: 96.348 ng
RT: 15.516 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BM049571.D
Acq: 05 Feb 2025 15:38

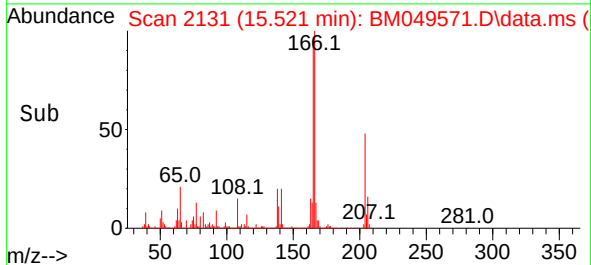
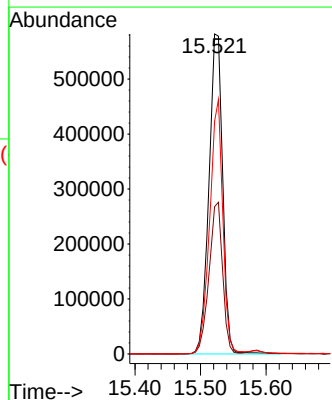
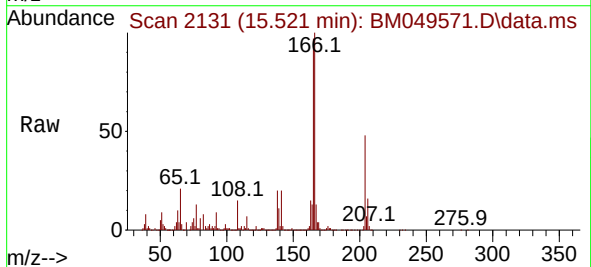
Instrument :
BNA_M
ClientSampleId :

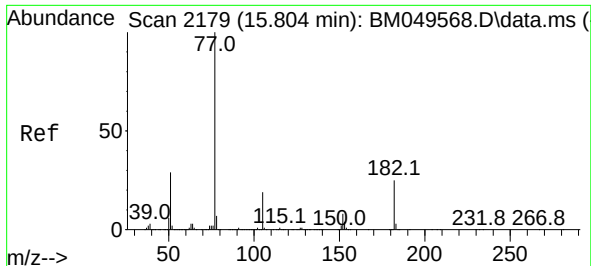
Tgt Ion:204 Resp: 2453794
Ion Ratio Lower Upper
204 100
206 32.9 26.0 39.0
141 42.3 37.1 55.7



#62
4-Nitroaniline
Concen: 82.002 ng
RT: 15.521 min Scan# 2131
Delta R.T. 0.006 min
Lab File: BM049571.D
Acq: 05 Feb 2025 15:38

Tgt Ion:138 Resp: 848945
Ion Ratio Lower Upper
138 100
92 46.0 29.3 69.3
108 72.7 60.1 100.1

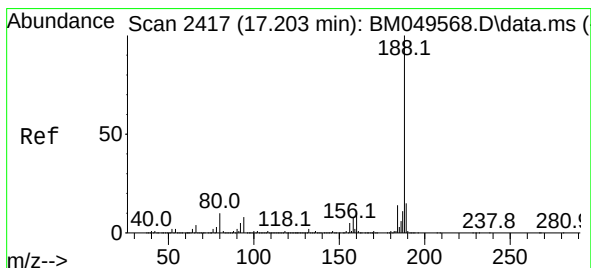
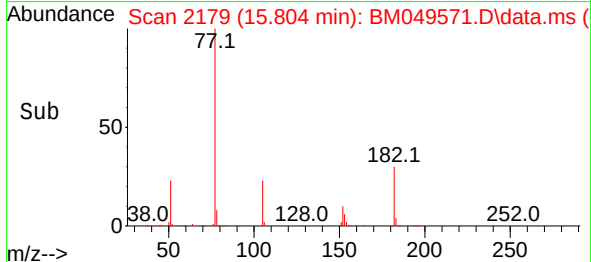
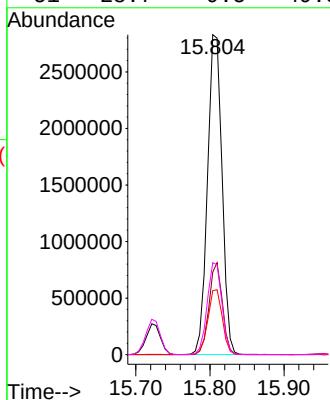
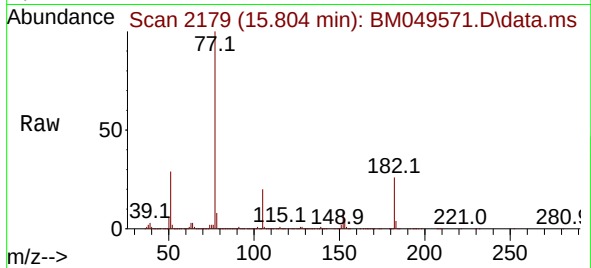




#63
Azobenzene
Concen: 84.028 ng
RT: 15.804 min Scan# 2179
Delta R.T. 0.000 min
Lab File: BM049571.D
Acq: 05 Feb 2025 15:38

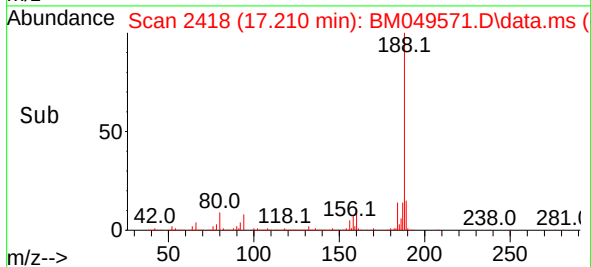
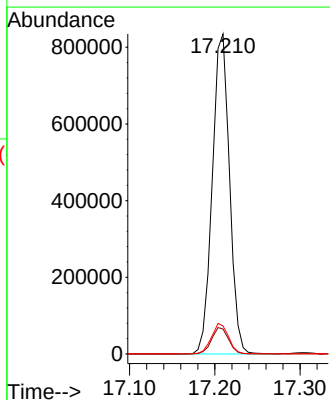
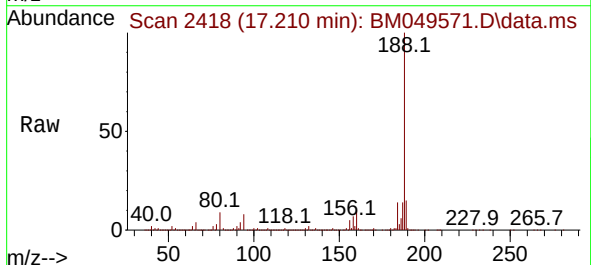
Instrument :
BNA_M
ClientSampleId :

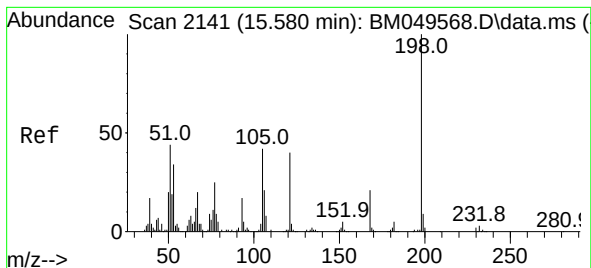
Tgt Ion: 77 Resp: 3849184
Ion Ratio Lower Upper
77 100
182 25.8 4.7 44.7
105 20.0 0.0 39.3
51 28.7 9.5 49.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2418
Delta R.T. 0.006 min
Lab File: BM049571.D
Acq: 05 Feb 2025 15:38

Tgt Ion:188 Resp: 1171197
Ion Ratio Lower Upper
188 100
94 7.8 6.7 10.1
80 8.8 7.7 11.5

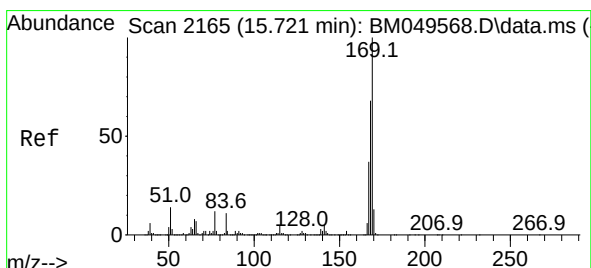
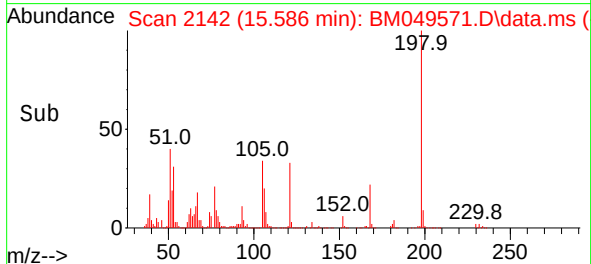
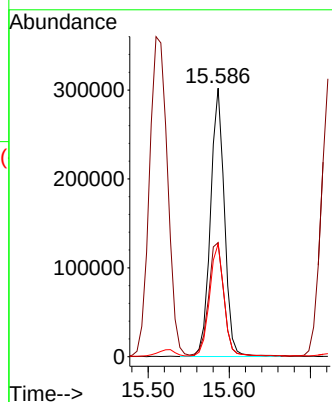
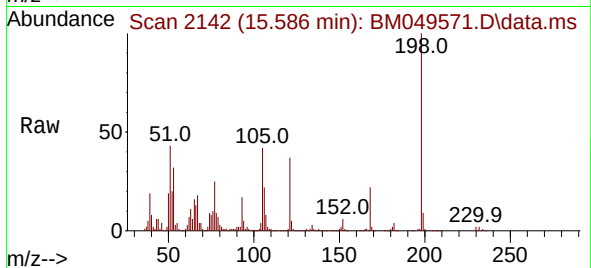




#65
4,6-Dinitro-2-methylphenol
Concen: 79.677 ng
RT: 15.586 min Scan# 2141
Delta R.T. 0.006 min
Lab File: BM049571.D
Acq: 05 Feb 2025 15:38

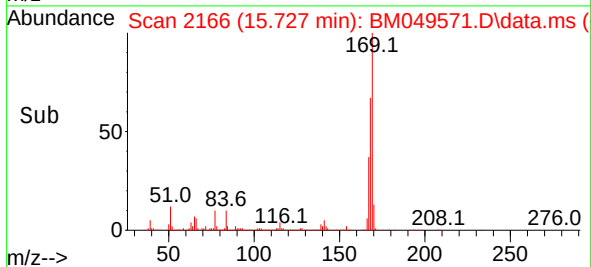
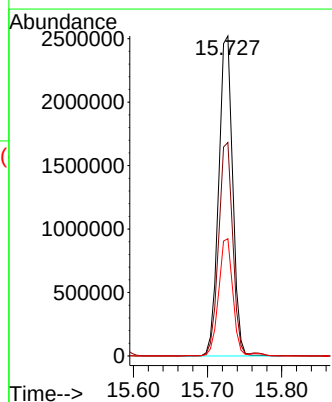
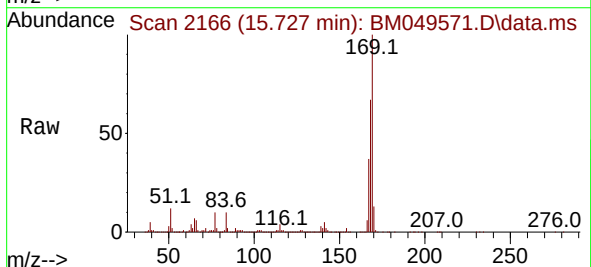
Instrument :
BNA_M
ClientSampleId :

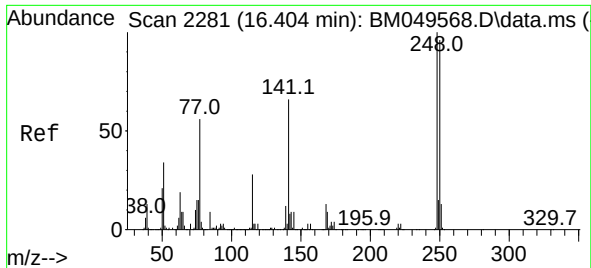
Tgt Ion:198 Resp: 357542
Ion Ratio Lower Upper
198 100
51 42.5 26.9 66.9
105 42.0 22.8 62.8



#66
n-Nitrosodiphenylamine
Concen: 89.595 ng
RT: 15.727 min Scan# 2166
Delta R.T. 0.006 min
Lab File: BM049571.D
Acq: 05 Feb 2025 15:38

Tgt Ion:169 Resp: 3309294
Ion Ratio Lower Upper
169 100
168 66.7 54.2 81.4
167 36.6 29.5 44.3

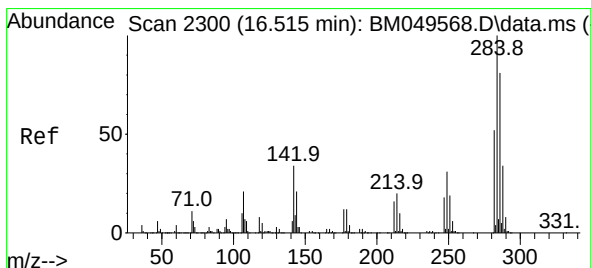
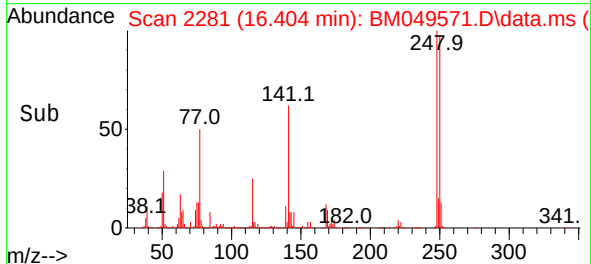
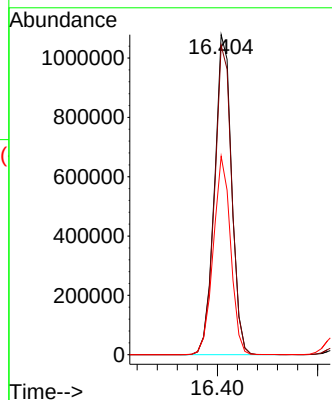
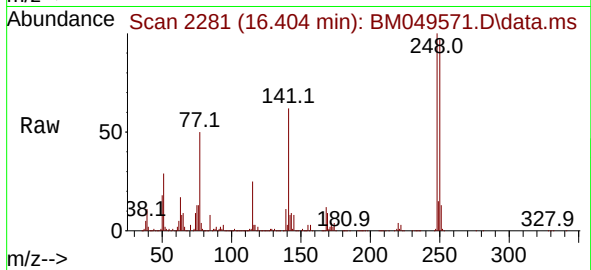




#67
4-Bromophenyl-phenylether
Concen: 93.843 ng
RT: 16.404 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BM049571.D
Acq: 05 Feb 2025 15:38

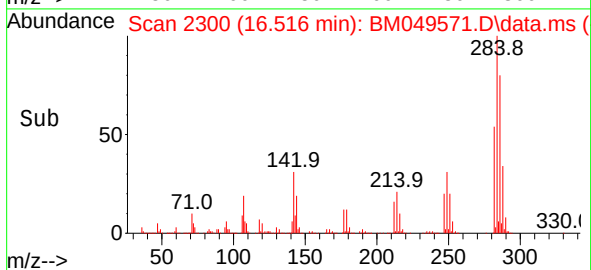
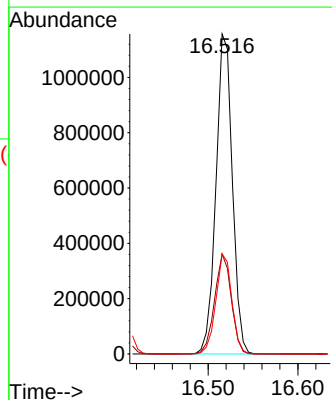
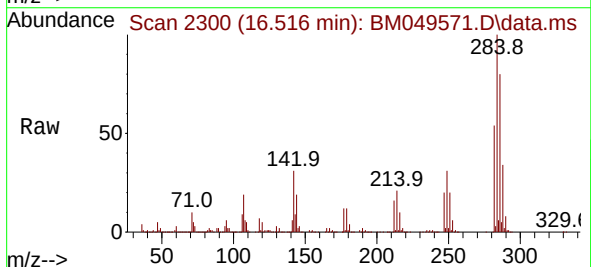
Instrument :
BNA_M
ClientSampleId :

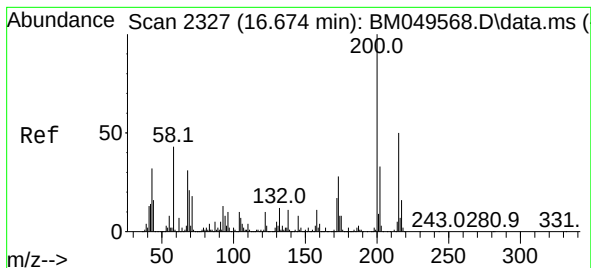
Tgt Ion:248 Resp: 1276861
Ion Ratio Lower Upper
248 100
250 96.7 77.0 115.4
141 62.0 53.0 79.4



#68
Hexachlorobenzene
Concen: 93.854 ng
RT: 16.516 min Scan# 2300
Delta R.T. 0.000 min
Lab File: BM049571.D
Acq: 05 Feb 2025 15:38

Tgt Ion:284 Resp: 1465689
Ion Ratio Lower Upper
284 100
142 31.3 27.1 40.7
249 31.3 24.6 36.8





#69

Atrazine

Concen: 86.389 ng

RT: 16.674 min Scan# 2327

Delta R.T. 0.000 min

Lab File: BM049571.D

Acq: 05 Feb 2025 15:38

Instrument :

BNA_M

ClientSampleId :

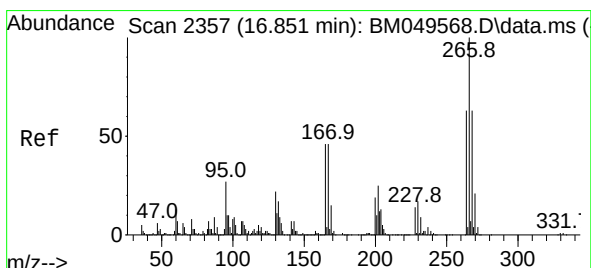
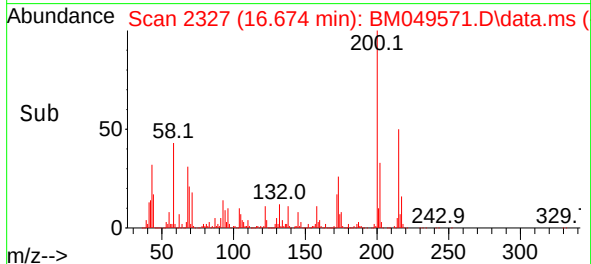
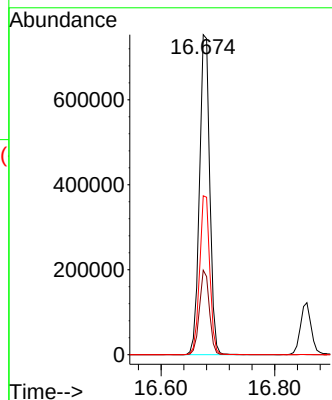
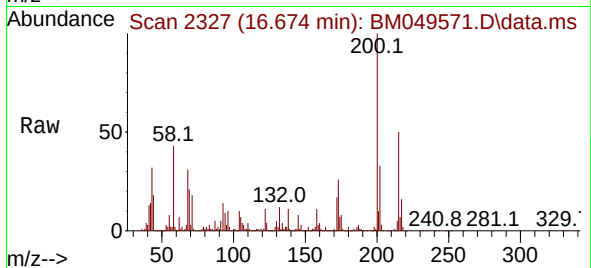
Tgt Ion:200 Resp: 948527

Ion Ratio Lower Upper

200 100

173 26.4 7.6 47.6

215 49.6 30.2 70.2



#70

Pentachlorophenol

Concen: 82.844 ng

RT: 16.857 min Scan# 2358

Delta R.T. 0.006 min

Lab File: BM049571.D

Acq: 05 Feb 2025 15:38

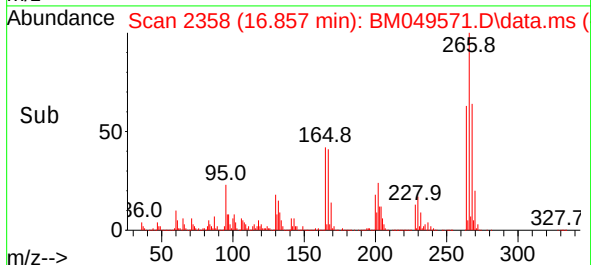
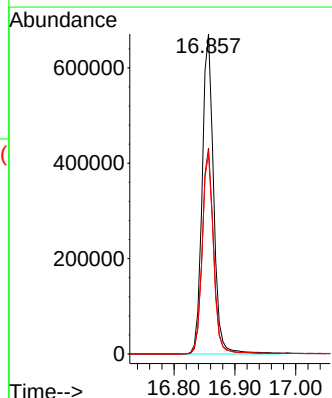
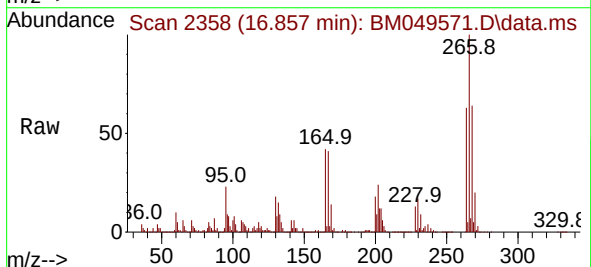
Tgt Ion:266 Resp: 876401

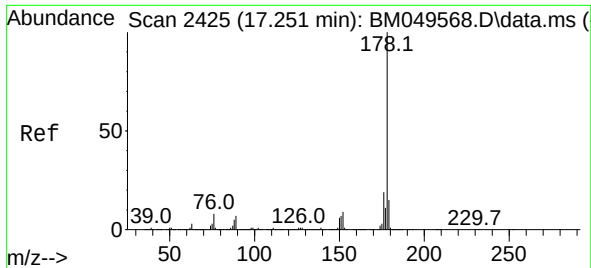
Ion Ratio Lower Upper

266 100

268 64.3 50.8 76.2

264 62.6 50.0 75.0

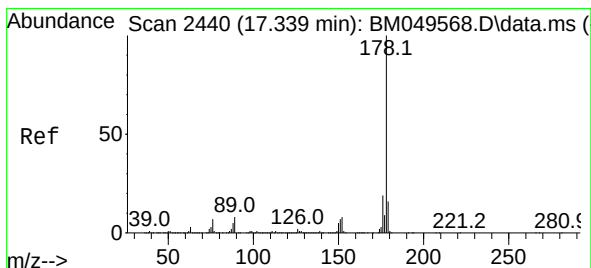
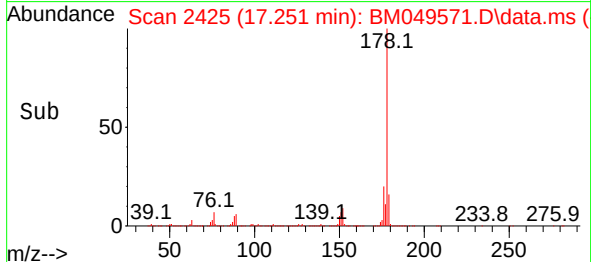
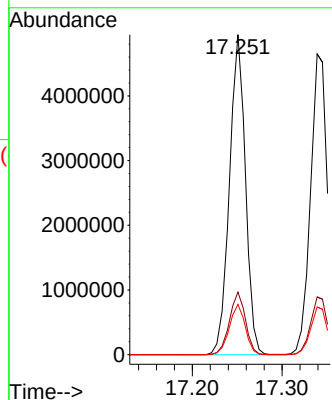
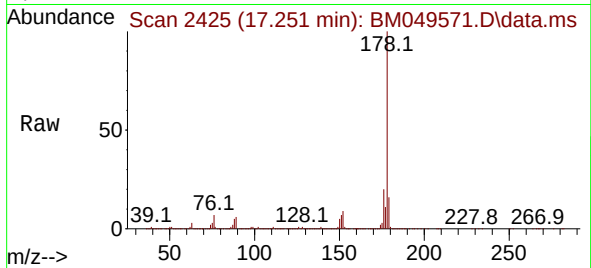




#71
Phenanthrene
Concen: 91.852 ng
RT: 17.251 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BM049571.D
Acq: 05 Feb 2025 15:38

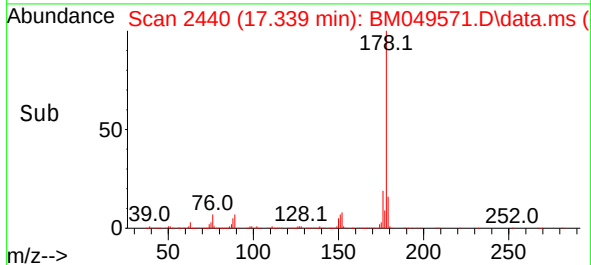
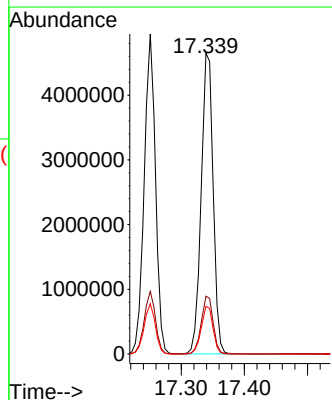
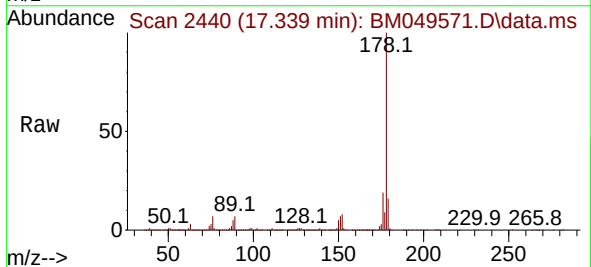
Instrument :
BNA_M
ClientSampleId :

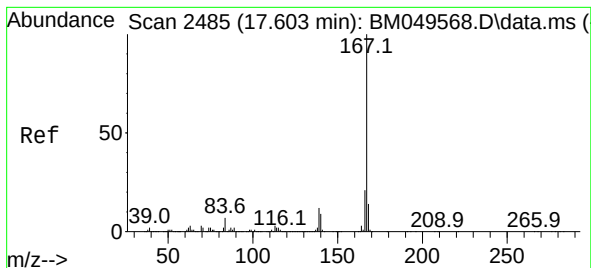
Tgt Ion:178 Resp: 6128608
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.7 12.2 18.2



#72
Anthracene
Concen: 92.392 ng
RT: 17.339 min Scan# 2440
Delta R.T. 0.000 min
Lab File: BM049571.D
Acq: 05 Feb 2025 15:38

Tgt Ion:178 Resp: 6103970
Ion Ratio Lower Upper
178 100
176 19.2 15.2 22.8
179 15.9 12.4 18.6





#73

Carbazole

Concen: 87.449 ng

RT: 17.604 min Scan# 2485

Delta R.T. 0.000 min

Lab File: BM049571.D

Acq: 05 Feb 2025 15:38

Instrument :

BNA_M

ClientSampleId :

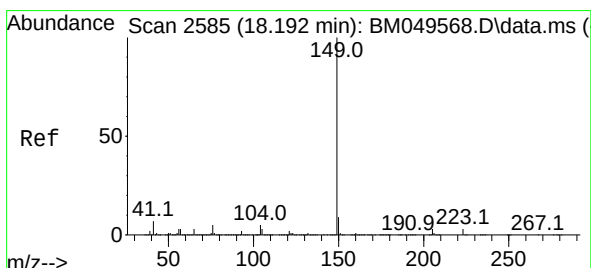
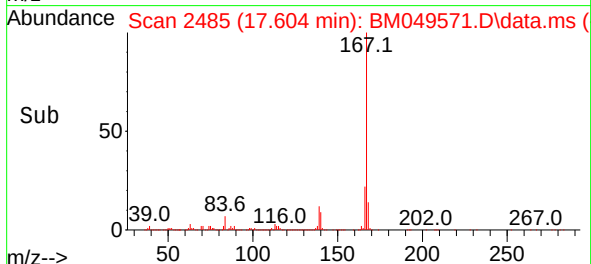
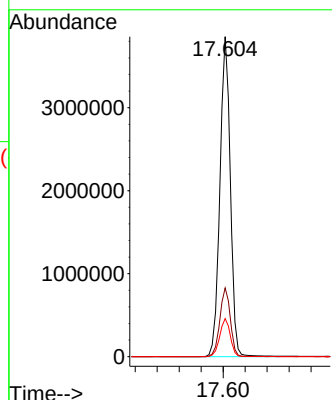
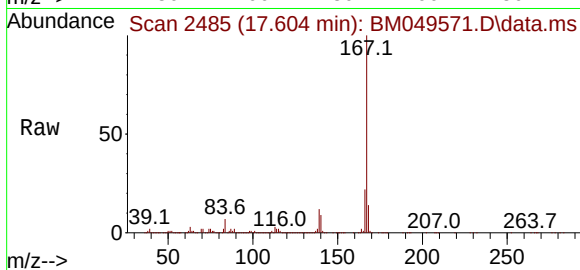
Tgt Ion:167 Resp: 5070773

Ion Ratio Lower Upper

167 100

166 21.5 17.2 25.8

139 11.9 9.6 14.4



#74

Di-n-butylphthalate

Concen: 91.746 ng

RT: 18.192 min Scan# 2585

Delta R.T. 0.000 min

Lab File: BM049571.D

Acq: 05 Feb 2025 15:38

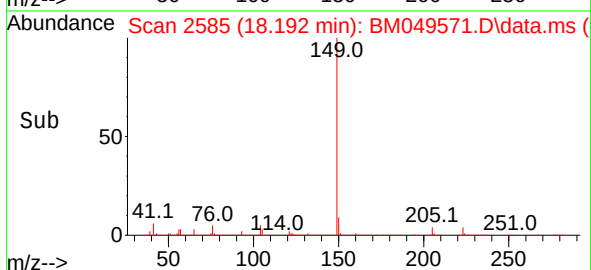
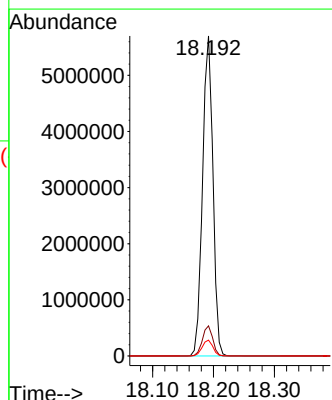
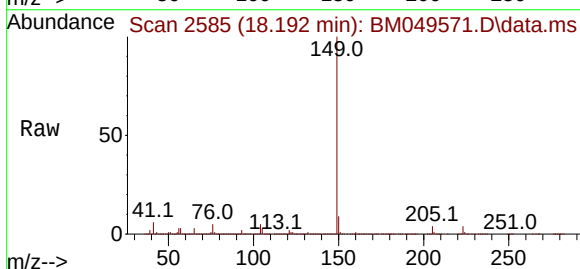
Tgt Ion:149 Resp: 6750409

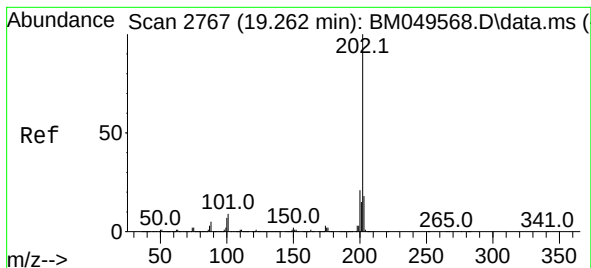
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.0

104 4.9 4.1 6.1

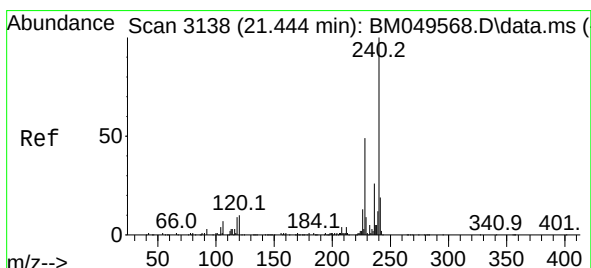
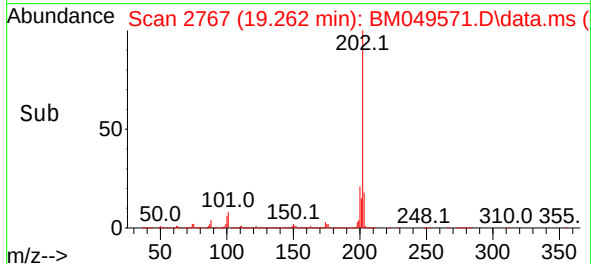
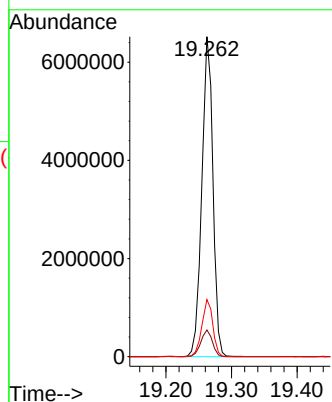
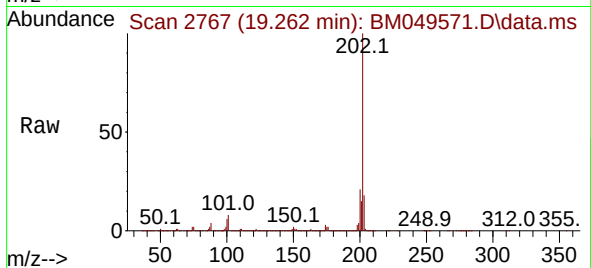




#75
Fluoranthene
Concen: 98.386 ng
RT: 19.262 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM049571.D
Acq: 05 Feb 2025 15:38

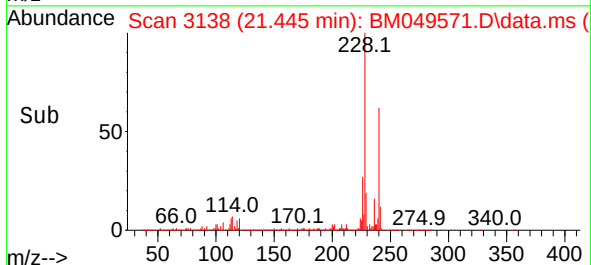
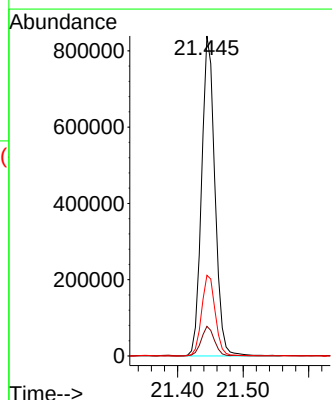
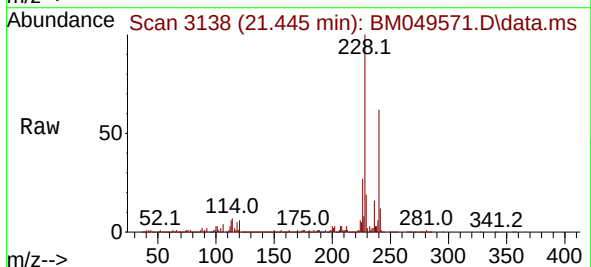
Instrument :
BNA_M
ClientSampleId :

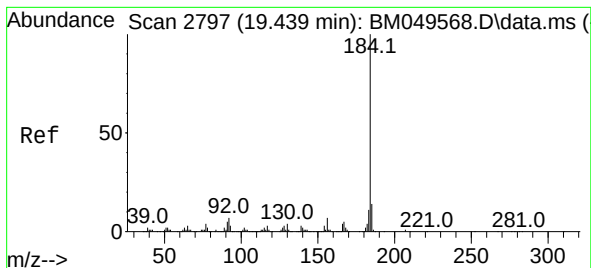
Tgt Ion:202 Resp: 7685563
Ion Ratio Lower Upper
202 100
101 8.3 0.0 29.1
203 17.8 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.445 min Scan# 3138
Delta R.T. 0.000 min
Lab File: BM049571.D
Acq: 05 Feb 2025 15:38

Tgt Ion:240 Resp: 1186820
Ion Ratio Lower Upper
240 100
120 9.2 7.8 11.8
236 25.2 20.6 31.0





#77

Benzidine

Concen: 86.130 ng

RT: 19.439 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM049571.D

Acq: 05 Feb 2025 15:38

Instrument :

BNA_M

ClientSampleId :

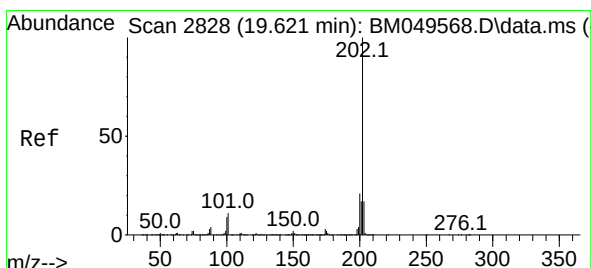
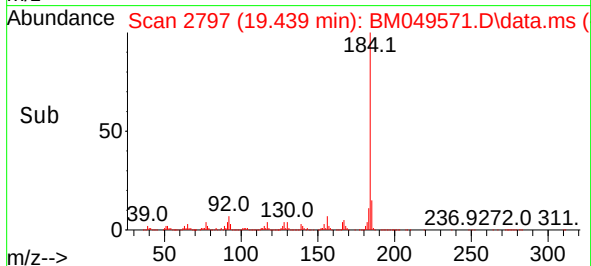
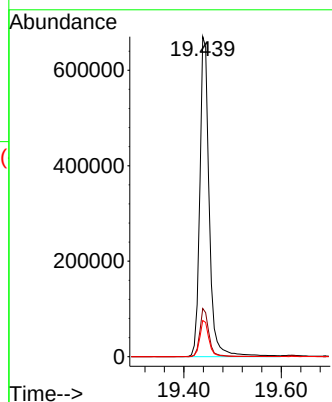
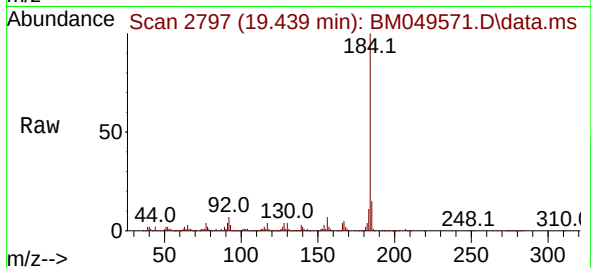
Tgt Ion:184 Resp: 905218

Ion Ratio Lower Upper

184 100

185 15.0 11.6 17.4

183 11.3 8.9 13.3



#78

Pyrene

Concen: 88.681 ng

RT: 19.627 min Scan# 2829

Delta R.T. 0.006 min

Lab File: BM049571.D

Acq: 05 Feb 2025 15:38

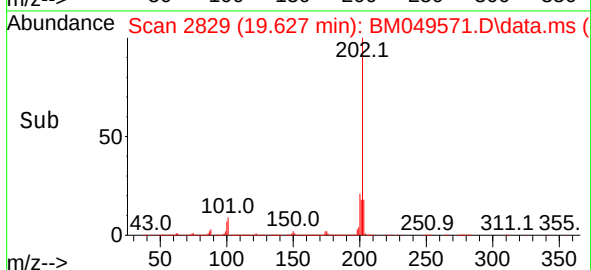
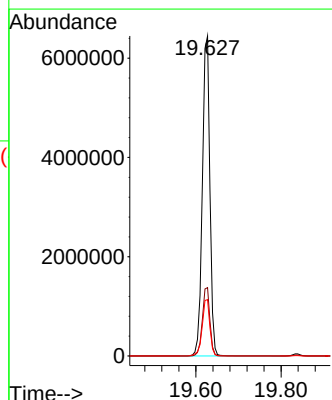
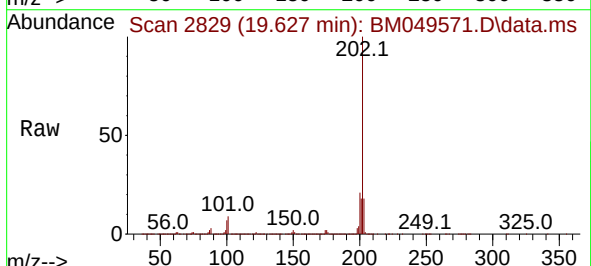
Tgt Ion:202 Resp: 7880630

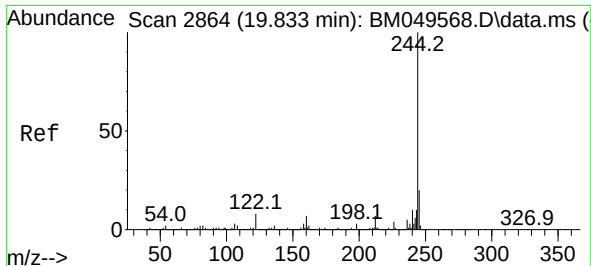
Ion Ratio Lower Upper

202 100

200 21.4 16.8 25.2

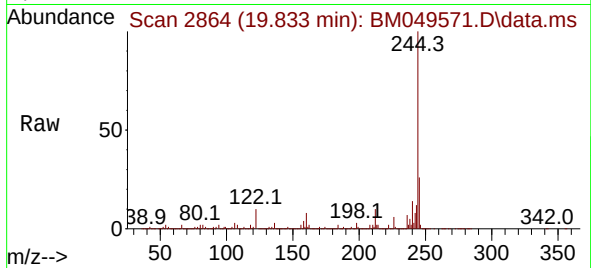
203 17.6 13.8 20.8



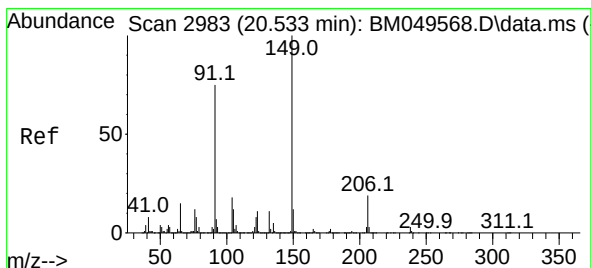
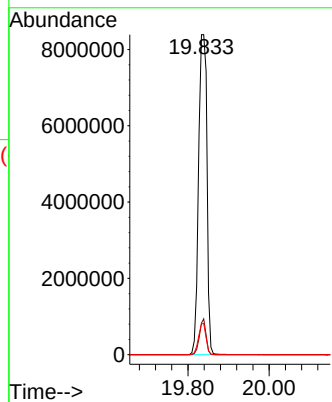
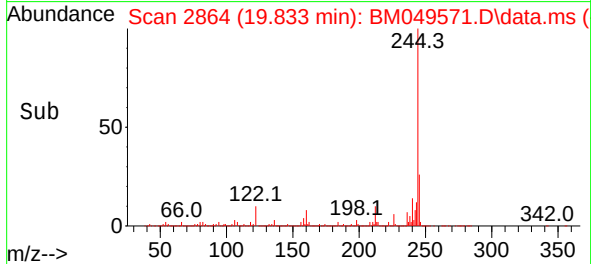


#79
 Terphenyl-d14
 Concen: 155.370 ng
 RT: 19.833 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM049571.D
 Acq: 05 Feb 2025 15:38

Instrument :
 BNA_M
 ClientSampleId :

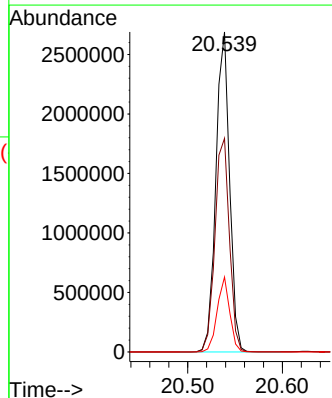
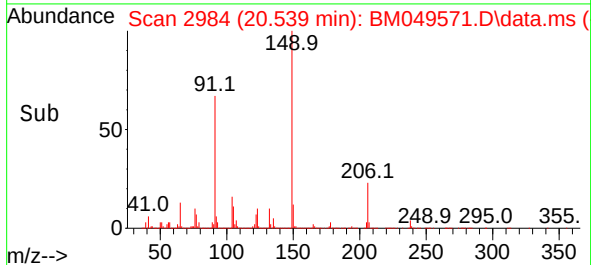
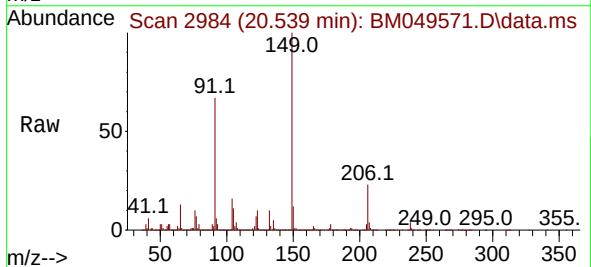


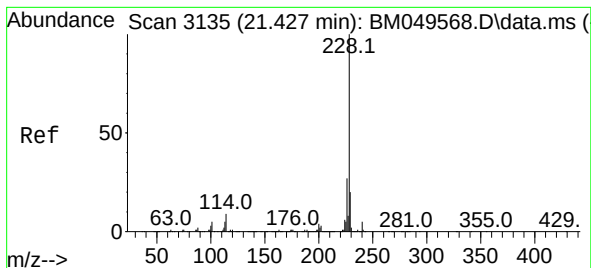
Tgt Ion:244 Resp:12075411
 Ion Ratio Lower Upper
 244 100
 212 9.9 5.8 8.6#
 122 9.7 6.2 9.2#



#80
 Butylbenzylphthalate
 Concen: 97.254 ng
 RT: 20.539 min Scan# 2984
 Delta R.T. 0.006 min
 Lab File: BM049571.D
 Acq: 05 Feb 2025 15:38

Tgt Ion:149 Resp: 2689295
 Ion Ratio Lower Upper
 149 100
 91 66.8 60.2 90.2
 206 23.4 15.4 23.0#





#81

Benzo(a)anthracene

Concen: 90.237 ng

RT: 21.433 min Scan# 3135

Delta R.T. 0.006 min

Lab File: BM049571.D

Acq: 05 Feb 2025 15:38

Instrument :

BNA_M

ClientSampleId :

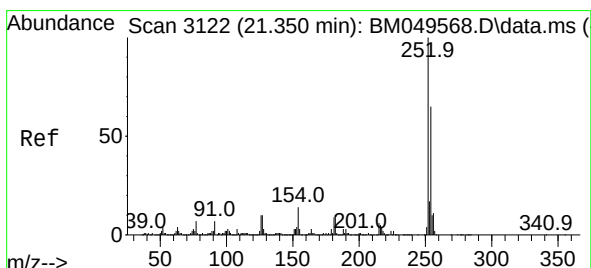
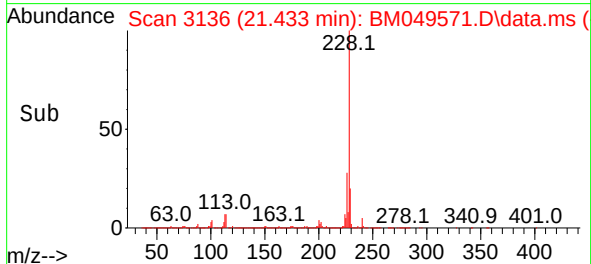
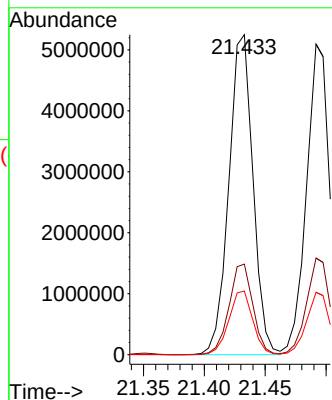
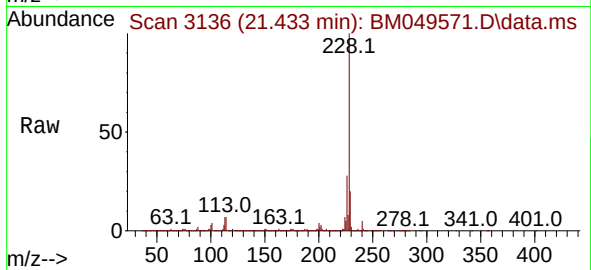
Tgt Ion:228 Resp: 7258133

Ion Ratio Lower Upper

228 100

226 28.3 22.0 33.0

229 19.9 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 89.323 ng

RT: 21.351 min Scan# 3122

Delta R.T. 0.000 min

Lab File: BM049571.D

Acq: 05 Feb 2025 15:38

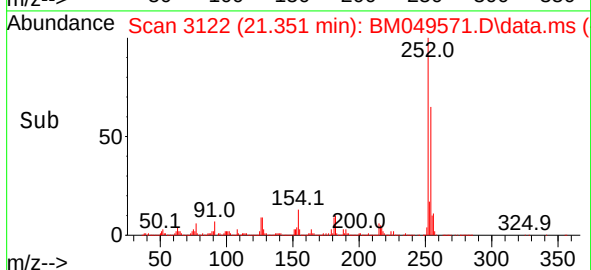
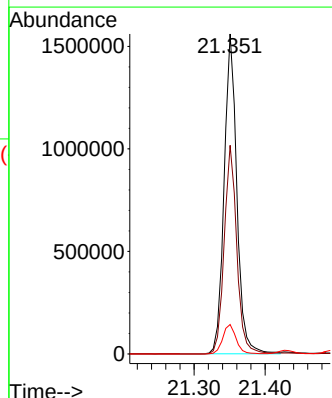
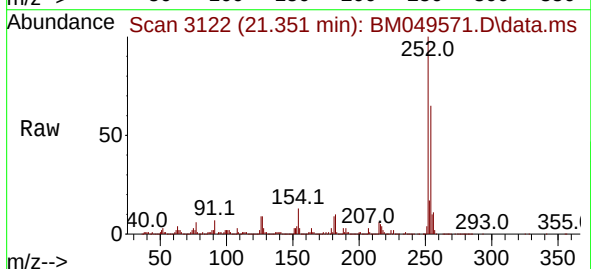
Tgt Ion:252 Resp: 1933304

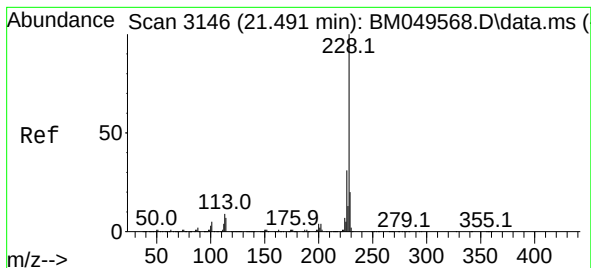
Ion Ratio Lower Upper

252 100

254 65.2 52.1 78.1

126 9.2 7.8 11.6





#83

Chrysene

Concen: 90.244 ng

RT: 21.492 min Scan# 3146

Delta R.T. 0.000 min

Lab File: BM049571.D

Acq: 05 Feb 2025 15:38

Instrument :

BNA_M

ClientSampleId :

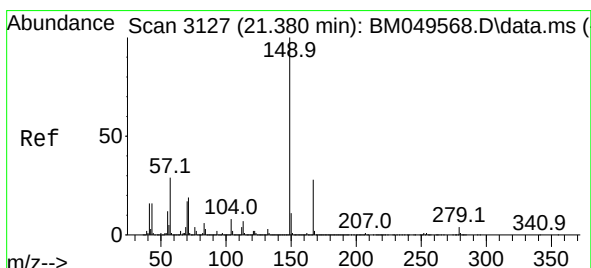
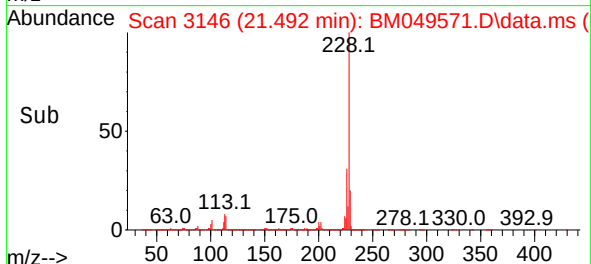
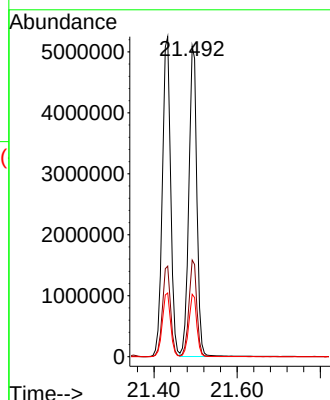
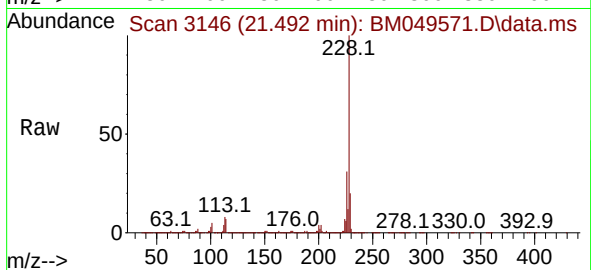
Tgt Ion:228 Resp: 6800529

Ion Ratio Lower Upper

228 100

226 31.1 24.5 36.7

229 20.1 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 91.389 ng

RT: 21.380 min Scan# 3127

Delta R.T. 0.000 min

Lab File: BM049571.D

Acq: 05 Feb 2025 15:38

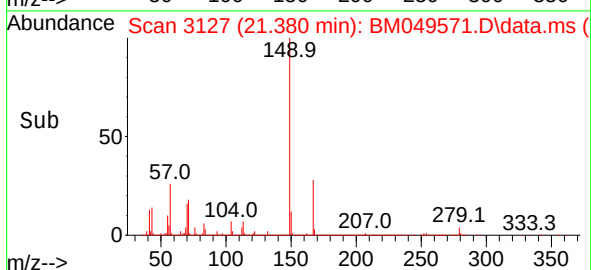
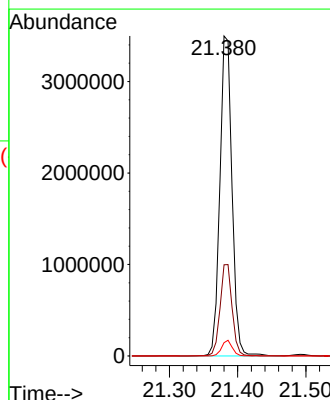
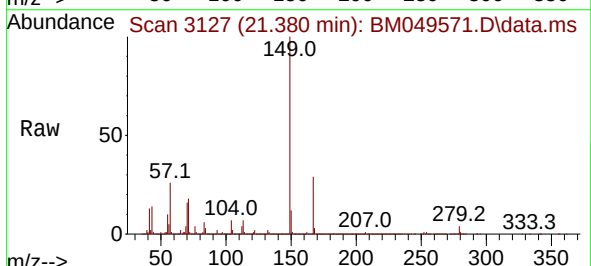
Tgt Ion:149 Resp: 4332190

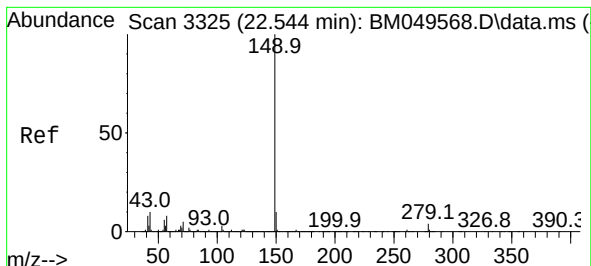
Ion Ratio Lower Upper

149 100

167 28.5 22.1 33.1

279 4.1 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 92.587 ng

RT: 22.545 min Scan# 3325

Delta R.T. 0.000 min

Lab File: BM049571.D

Acq: 05 Feb 2025 15:38

Instrument :

BNA_M

ClientSampleId :

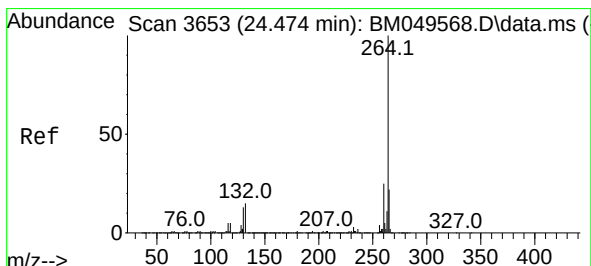
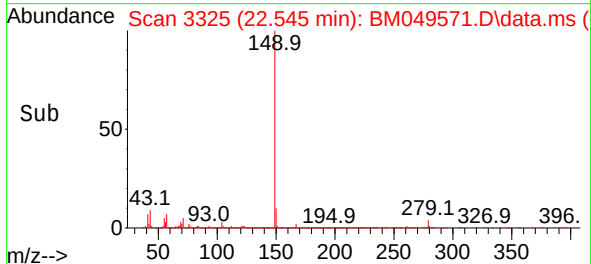
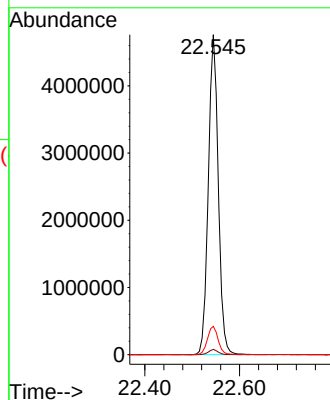
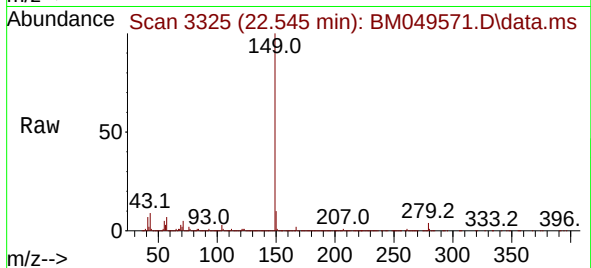
Tgt Ion:149 Resp: 6924127

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.5 8.5 12.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.480 min Scan# 3654

Delta R.T. 0.006 min

Lab File: BM049571.D

Acq: 05 Feb 2025 15:38

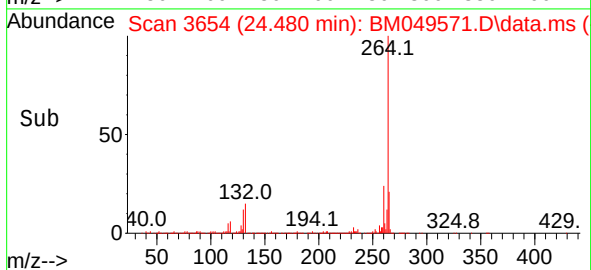
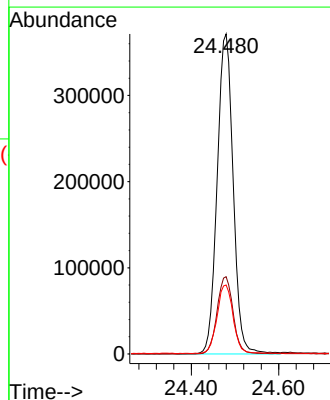
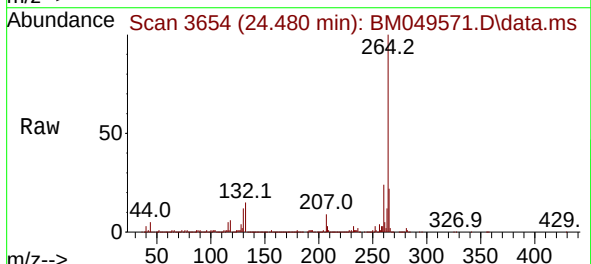
Tgt Ion:264 Resp: 941272

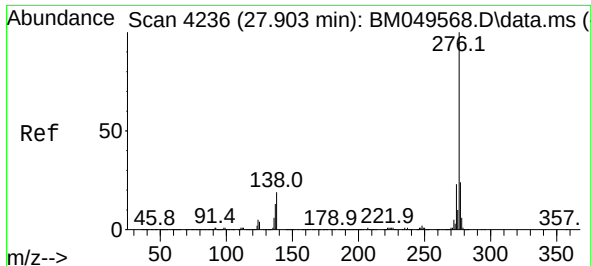
Ion Ratio Lower Upper

264 100

260 24.2 19.8 29.6

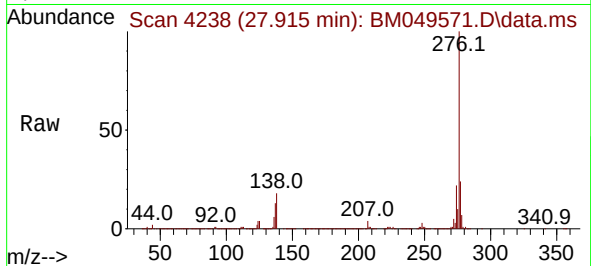
265 21.6 17.5 26.3



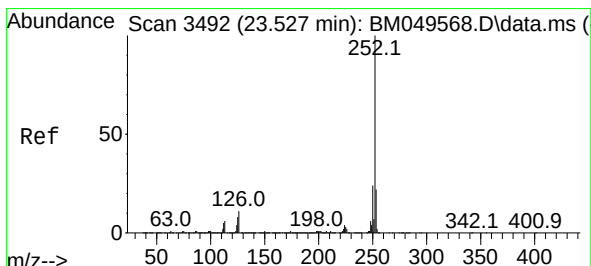
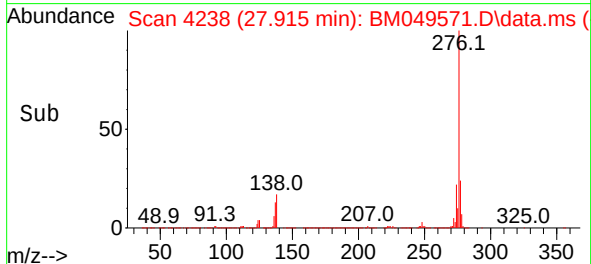
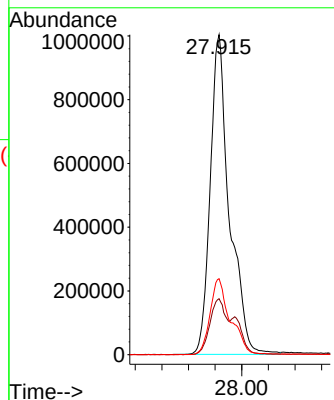


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 97.638 ng
 RT: 27.915 min Scan# 4238
 Delta R.T. 0.012 min
 Lab File: BM049571.D
 Acq: 05 Feb 2025 15:38

Instrument :
 BNA_M
 ClientSampleId :

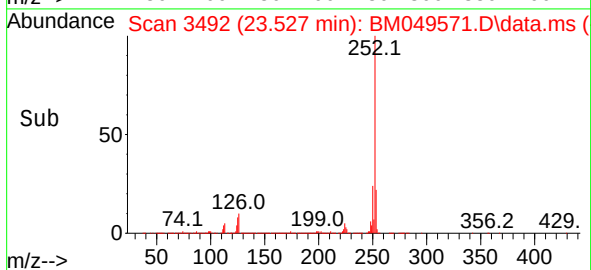
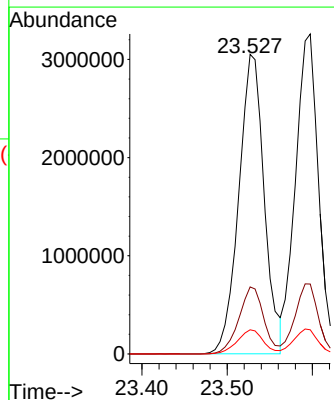
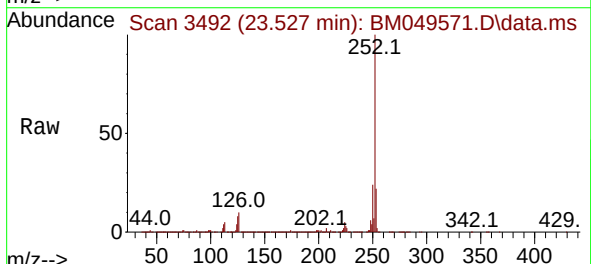


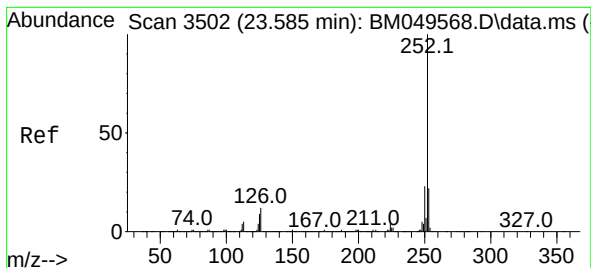
Tgt Ion:276 Resp: 5019064
 Ion Ratio Lower Upper
 276 100
 138 14.4 13.1 19.7
 277 25.1 19.9 29.9



#88
 Benzo(b)fluoranthene
 Concen: 97.864 ng
 RT: 23.527 min Scan# 3492
 Delta R.T. 0.000 min
 Lab File: BM049571.D
 Acq: 05 Feb 2025 15:38

Tgt Ion:252 Resp: 6337029
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.4 26.2
 125 8.1 6.6 10.0





#89

Benzo(k)fluoranthene

Concen: 97.695 ng

RT: 23.597 min Scan# 3504

Delta R.T. 0.012 min

Lab File: BM049571.D

Acq: 05 Feb 2025 15:38

Instrument :

BNA_M

ClientSampleId :

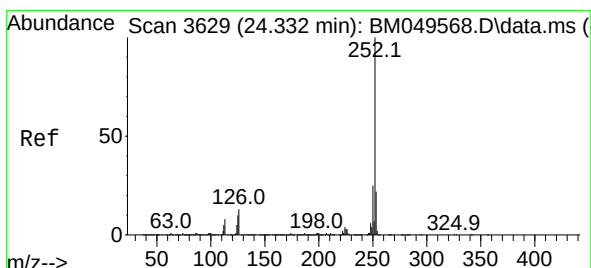
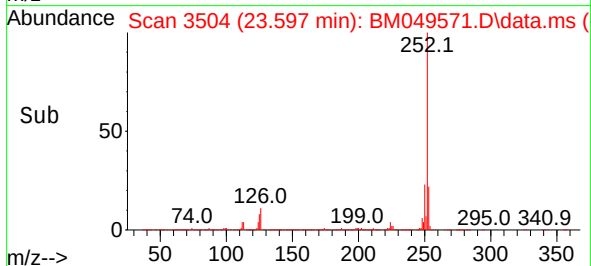
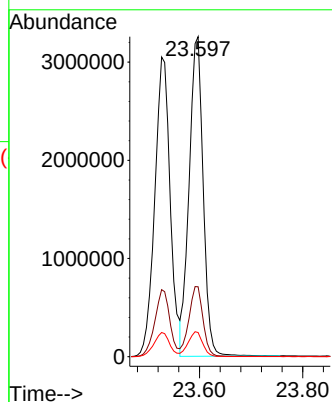
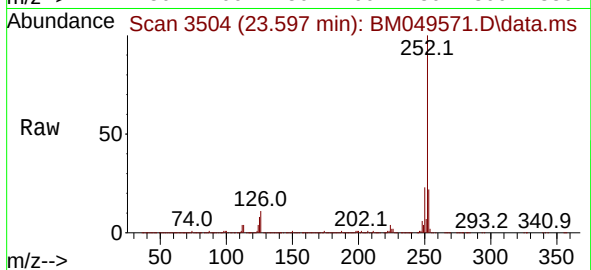
Tgt Ion:252 Resp: 6144354

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 7.5 7.0 10.6



#90

Benzo(a)pyrene

Concen: 96.987 ng

RT: 24.344 min Scan# 3631

Delta R.T. 0.012 min

Lab File: BM049571.D

Acq: 05 Feb 2025 15:38

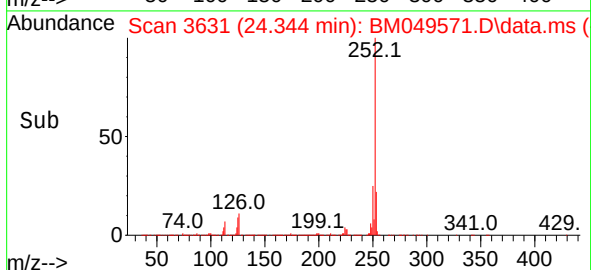
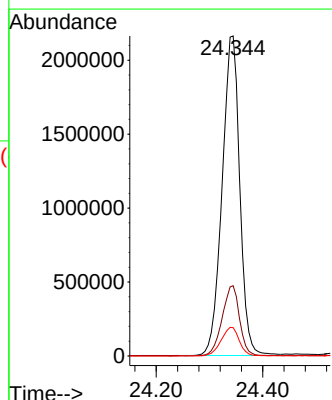
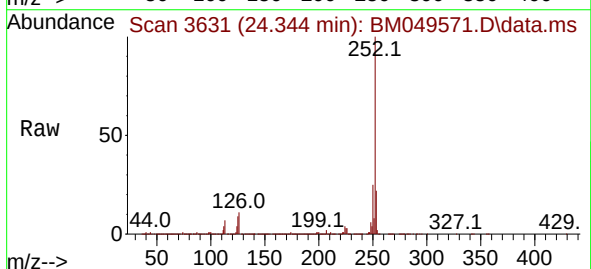
Tgt Ion:252 Resp: 4976969

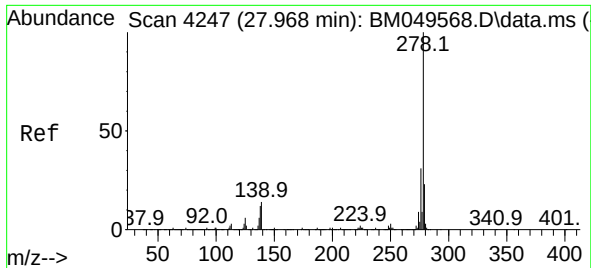
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 8.9 8.2 12.2

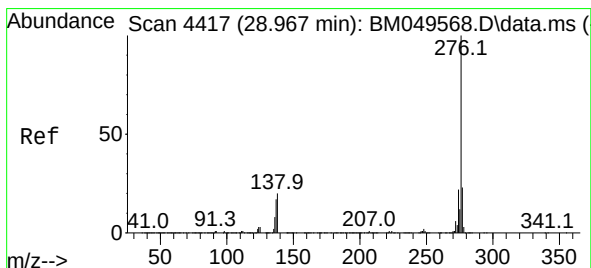
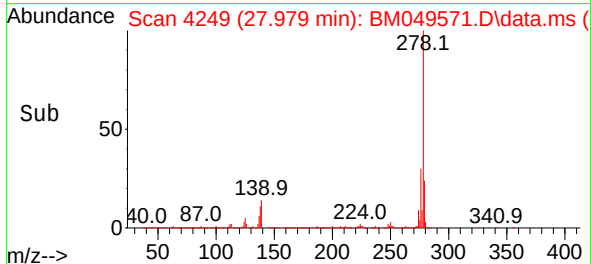
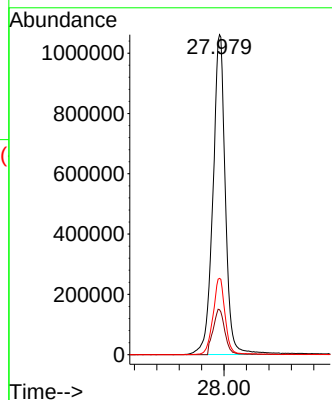
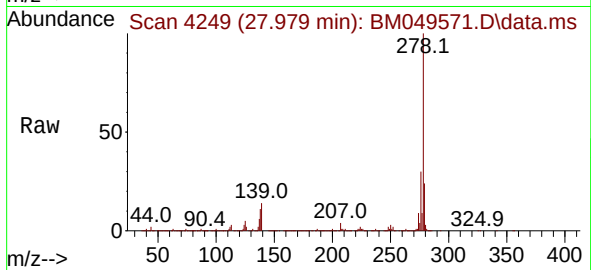




#91
 Dibenzo(a,h)anthracene
 Concen: 100.851 ng
 RT: 27.979 min Scan# 41
 Delta R.T. 0.012 min
 Lab File: BM049571.D
 Acq: 05 Feb 2025 15:38

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:278 Resp: 4097321
 Ion Ratio Lower Upper
 278 100
 139 14.0 11.5 17.3
 279 23.9 18.2 27.2



#92
 Benzo(g,h,i)perylene
 Concen: 94.635 ng
 RT: 28.985 min Scan# 4420
 Delta R.T. 0.018 min
 Lab File: BM049571.D
 Acq: 05 Feb 2025 15:38

Tgt Ion:276 Resp: 4294912
 Ion Ratio Lower Upper
 276 100
 277 23.4 18.7 28.1
 138 18.5 16.0 24.0

