

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021424\
 Data File : BM044077.D
 Acq On : 14 Feb 2024 11:45
 Operator : MA/JU
 Sample : PB158983BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB158983BS

Quant Time: Feb 14 12:33:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 09 02:42:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	516912	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	2183936	20.000	ng	-0.01
39) Acenaphthene-d10	14.545	164	1166749	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	2026083	20.000	ng	0.00
76) Chrysene-d12	21.504	240	1237835	20.000	ng	0.00
86) Perylene-d12	23.892	264	1179790	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	5081834	142.987	ng	0.00
7) Phenol-d6	7.081	99	6315707	139.667	ng	0.00
23) Nitrobenzene-d5	9.081	82	3667681	89.115	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	1422187	112.580	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	7002696	84.706	ng	0.00
79) Terphenyl-d14	19.939	244	6966262	98.657	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.387	88	543305	38.519	ng	99
3) Pyridine	3.781	79	1375944	36.950	ng	100
4) n-Nitrosodimethylamine	3.705	42	723931	51.237	ng	99
6) Aniline	7.240	93	1529968	34.411	ng	100
8) 2-Chlorophenol	7.469	128	1819100	49.014	ng	99
9) Benzaldehyde	7.052	77	50515	2.174	ng	96
10) Phenol	7.105	94	2290366	50.186	ng	100
11) bis(2-Chloroethyl)ether	7.340	93	1764584	46.692	ng	100
12) 1,3-Dichlorobenzene	7.793	146	1731876	41.100	ng	99
13) 1,4-Dichlorobenzene	7.940	146	1769080	41.650	ng	99
14) 1,2-Dichlorobenzene	8.252	146	1693603	41.846	ng	99
15) Benzyl Alcohol	8.152	79	1421104	48.266	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.446	45	2137164	44.608	ng	99
17) 2-Methylphenol	8.352	107	1464313	48.879	ng	99
18) Hexachloroethane	8.975	117	673634	42.357	ng	97
19) n-Nitroso-di-n-propyla...	8.728	70	1277502	46.008	ng	99
20) 3+4-Methylphenols	8.687	107	1974179	47.880	ng	99
22) Acetophenone	8.740	105	2550676	46.013	ng	# 99
24) Nitrobenzene	9.122	77	1816895	43.109	ng	98
25) Isophorone	9.646	82	3438495	43.388	ng	99
26) 2-Nitrophenol	9.822	139	890795	45.588	ng	99
27) 2,4-Dimethylphenol	9.887	122	1414863	56.627	ng	98
28) bis(2-Chloroethoxy)met...	10.134	93	2314053	45.150	ng	100
29) 2,4-Dichlorophenol	10.357	162	1518005	46.146	ng	97
30) 1,2,4-Trichlorobenzene	10.569	180	1494157	40.393	ng	99
31) Naphthalene	10.757	128	4988377	41.385	ng	100
32) Benzoic acid	10.052	122	1160191	46.096	ng	99
33) 4-Chloroaniline	10.875	127	485129	10.629	ng	99
34) Hexachlorobutadiene	11.028	225	790439	37.333	ng	98
35) Caprolactam	11.681	113	462685	43.709	ng	97
36) 4-Chloro-3-methylphenol	12.004	107	1609989	45.198	ng	100
37) 2-Methylnaphthalene	12.369	142	3287973	40.952	ng	98
38) 1-Methylnaphthalene	12.593	142	3199709	40.557	ng	99
40) 1,2,4,5-Tetrachloroben...	12.734	216	1525108	44.971	ng	# 98
41) Hexachlorocyclopentadiene	12.704	237	1805748	122.008	ng	99
43) 2,4,6-Trichlorophenol	12.981	196	1064105	46.105	ng	100

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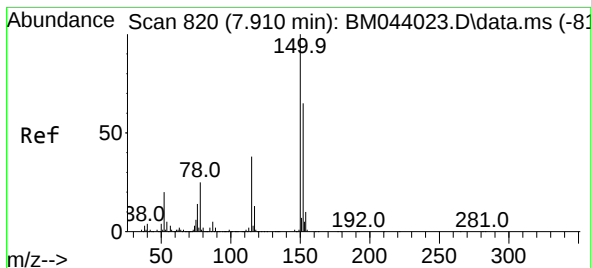
Quant Time: Feb 14 12:33:23 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	1135511	44.832	ng	96
46) 1,1'-Biphenyl	13.387	154	4232484	45.973	ng	99
47) 2-Chloronaphthalene	13.428	162	3161307	43.348	ng	99
48) 2-Nitroaniline	13.640	65	953813	46.490	ng	94
49) Acenaphthylene	14.269	152	5081332	46.703	ng	99
50) Dimethylphthalate	14.022	163	3699687	42.767	ng	100
51) 2,6-Dinitrotoluene	14.145	165	807448	42.306	ng	98
52) Acenaphthene	14.616	154	2897962	43.036	ng	99
53) 3-Nitroaniline	14.469	138	484128	23.603	ng	96
54) 2,4-Dinitrophenol	14.675	184	950688	82.765	ng	98
55) Dibenzofuran	14.951	168	4412892	42.341	ng	99
56) 4-Nitrophenol	14.775	139	1435615	86.098	ng	96
57) 2,4-Dinitrotoluene	14.928	165	1044979	41.891	ng	99
58) Fluorene	15.598	166	3354263	41.649	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.175	232	861845	43.365	ng	96
60) Diethylphthalate	15.386	149	3696980	41.351	ng	98
61) 4-Chlorophenyl-phenyle...	15.598	204	1562952	40.051	ng	97
62) 4-Nitroaniline	15.634	138	801673	38.827	ng	97
63) Azobenzene	15.892	77	3731416	44.485	ng	99
65) 4,6-Dinitro-2-methylph...	15.686	198	529560	43.862	ng	97
66) n-Nitrosodiphenylamine	15.816	169	2976221	48.351	ng	100
67) 4-Bromophenyl-phenylether	16.498	248	930918	46.472	ng	100
68) Hexachlorobenzene	16.592	284	1020657	41.594	ng	95
69) Atrazine	16.781	200	915028	54.899	ng	98
70) Pentachlorophenol	16.945	266	1297431	81.278	ng	99
71) Phenanthrene	17.345	178	4861688	45.441	ng	99
72) Anthracene	17.433	178	4859968	45.883	ng	100
73) Carbazole	17.710	167	4362117	42.347	ng	99
74) Di-n-butylphthalate	18.286	149	5870142	43.842	ng	100
75) Fluoranthene	19.363	202	4754010	39.557	ng	99
77) Benzidine	19.557	184	894364	46.493	ng	99
78) Pyrene	19.727	202	4859177	50.971	ng	100
80) Butylbenzylphthalate	20.651	149	2206474	52.069	ng	97
81) Benzo(a)anthracene	21.486	228	3998537	46.439	ng	99
82) 3,3'-Dichlorobenzidine	21.427	252	879402	31.128	ng	99
83) Chrysene	21.539	228	3651240	44.885	ng	100
84) Bis(2-ethylhexyl)phtha...	21.433	149	3158763	50.521	ng	99
85) Di-n-octyl phthalate	22.374	149	5152916	47.190	ng	99
87) Indeno(1,2,3-cd)pyrene	26.386	276	3767709	45.121	ng	98
88) Benzo(b)fluoranthene	23.168	252	3466538	47.004	ng	99
89) Benzo(k)fluoranthene	23.221	252	3410688	48.669	ng	99
90) Benzo(a)pyrene	23.792	252	3015151	46.806	ng	100
91) Dibenzo(a,h)anthracene	26.409	278	3186685	45.625	ng	99
92) Benzo(g,h,i)perylene	27.145	276	3085940	43.565	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.905 min Scan# 81

Delta R.T. -0.005 min

Lab File: BM044077.D

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Instrument :

BNA_M

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PB158983BS

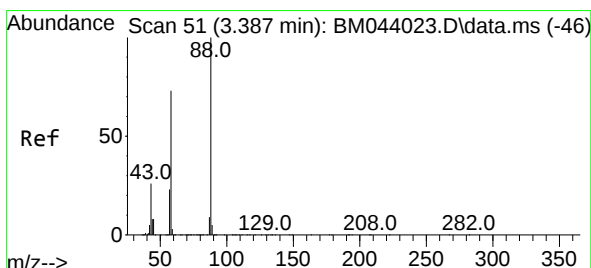
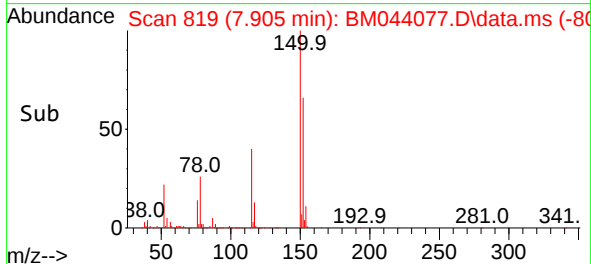
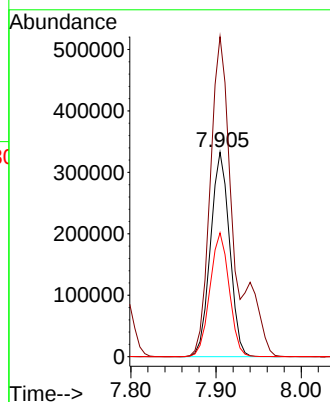
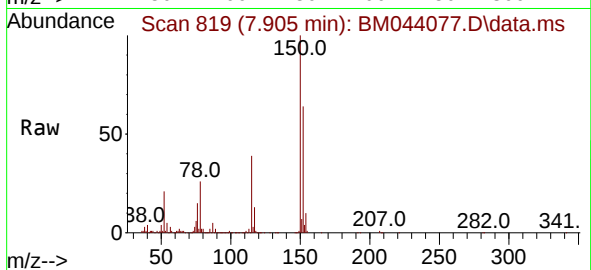
Tgt Ion:152 Resp: 516912

Ion Ratio Lower Upper

152 100

150 156.5 122.7 184.1

115 60.6 47.0 70.6



#2

1,4-Dioxane

Concen: 38.519 ng

RT: 3.387 min Scan# 51

Delta R.T. 0.000 min

Lab File: BM044077.D

Acq: 14 Feb 2024 11:45

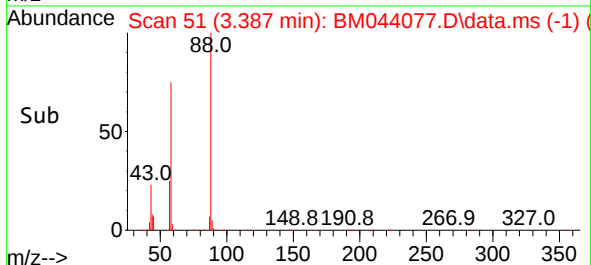
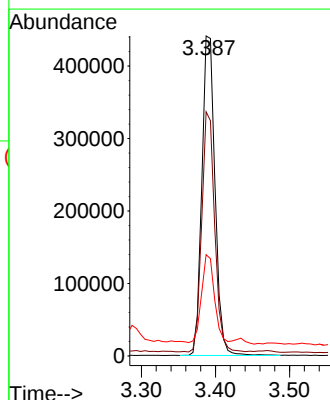
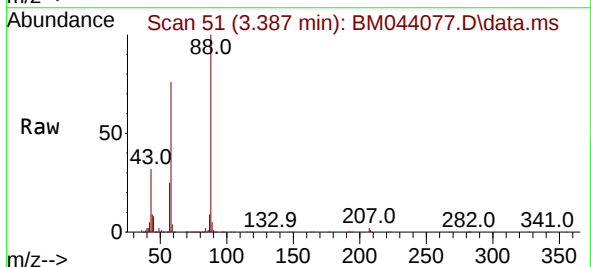
Tgt Ion: 88 Resp: 543305

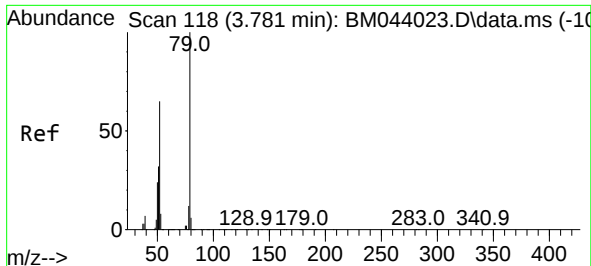
Ion Ratio Lower Upper

88 100

58 73.7 58.1 87.1

43 27.3 21.1 31.7

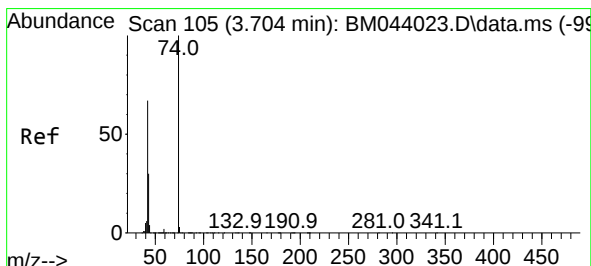
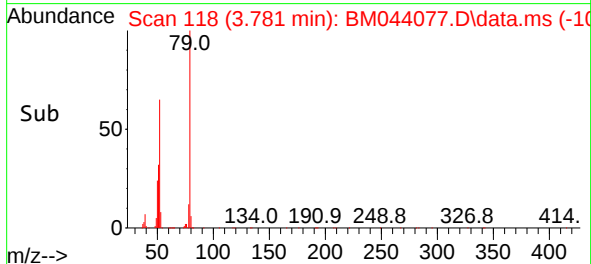
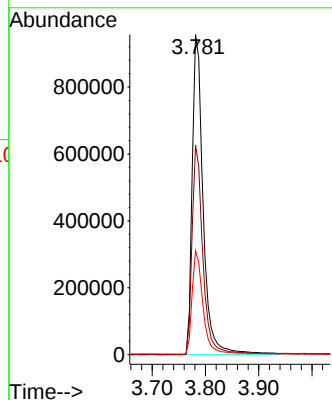
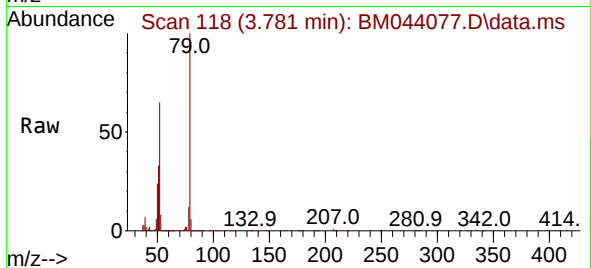




#3
Pyridine
Concen: 36.950 ng
RT: 3.781 min Scan# 118
Delta R.T. 0.000 min
Lab File: BM044077.D
Acq: 14 Feb 2024 11:45

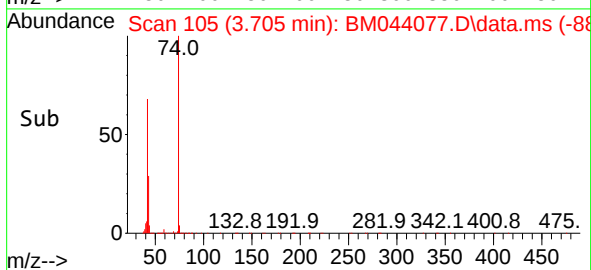
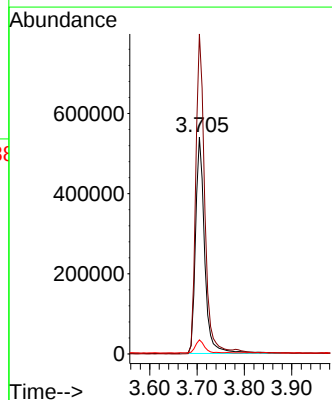
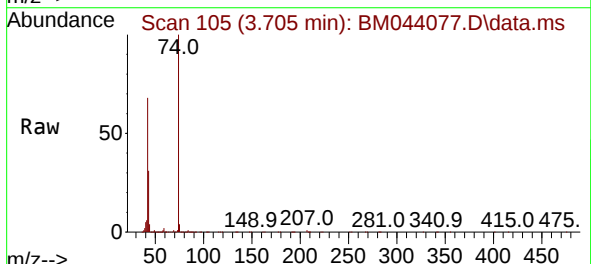
Instrument :
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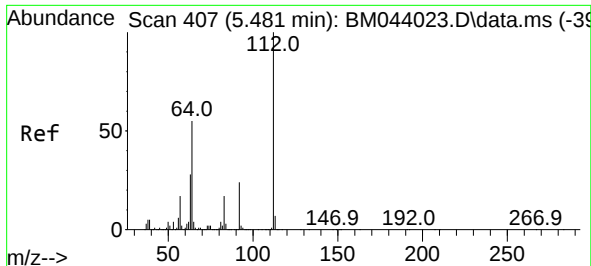
Tgt Ion: 79 Resp: 1375944
Ion Ratio Lower Upper
79 100
52 65.5 52.2 78.2
51 32.5 26.2 39.4



#4
n-Nitrosodimethylamine
Concen: 51.237 ng
RT: 3.705 min Scan# 105
Delta R.T. 0.000 min
Lab File: BM044077.D
Acq: 14 Feb 2024 11:45

Tgt Ion: 42 Resp: 723931
Ion Ratio Lower Upper
42 100
74 147.6 118.6 178.0
44 6.5 5.6 8.4

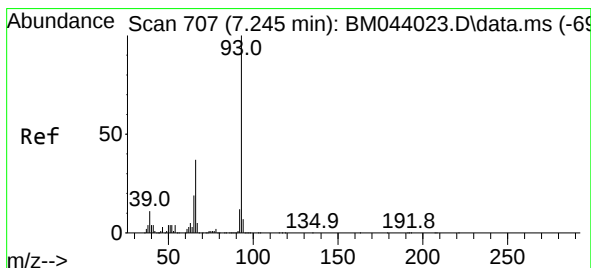
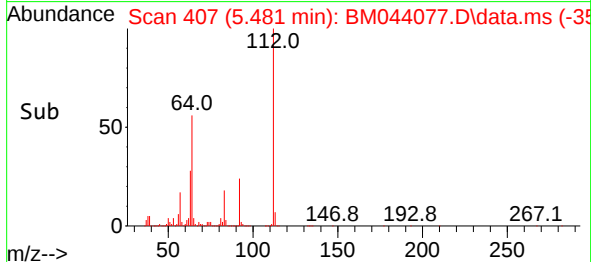
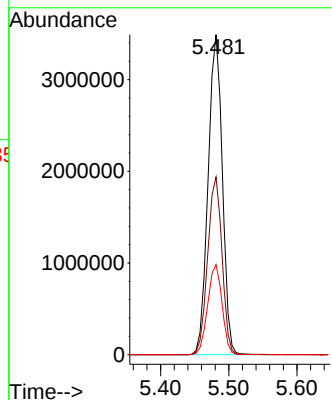
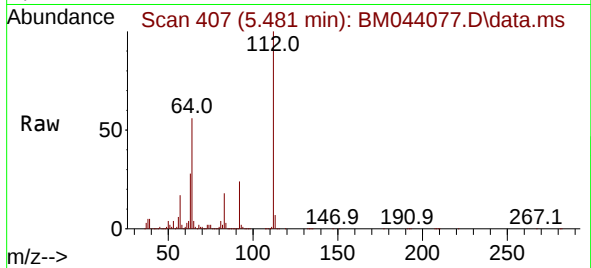




#5
2-Fluorophenol
Concen: 142.987 ng
RT: 5.481 min Scan# 407
Delta R.T. 0.000 min
Lab File: BM044077.D
Acq: 14 Feb 2024 11:45

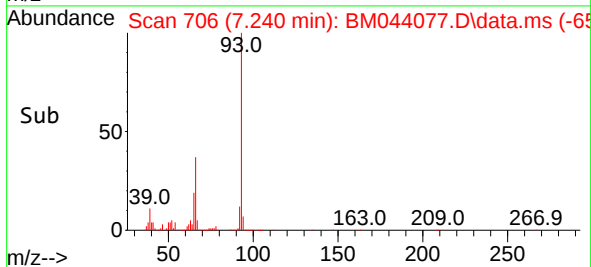
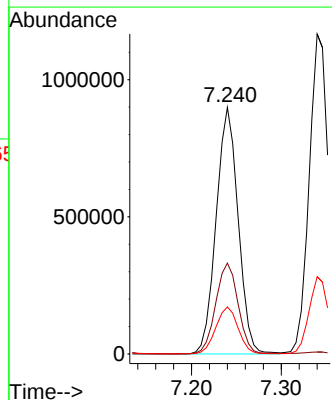
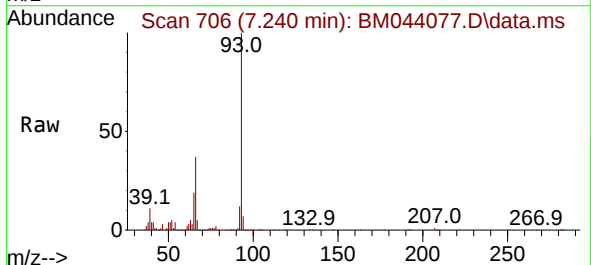
Instrument :
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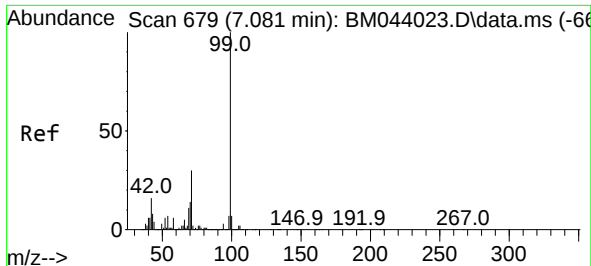
Tgt Ion:112 Resp: 5081834
Ion Ratio Lower Upper
112 100
64 55.5 44.2 66.4
63 28.2 22.6 34.0



#6
Aniline
Concen: 34.411 ng
RT: 7.240 min Scan# 706
Delta R.T. -0.005 min
Lab File: BM044077.D
Acq: 14 Feb 2024 11:45

Tgt Ion: 93 Resp: 1529968
Ion Ratio Lower Upper
93 100
66 36.9 29.4 44.0
65 19.1 15.2 22.8



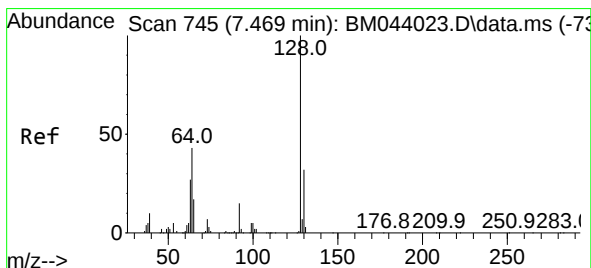
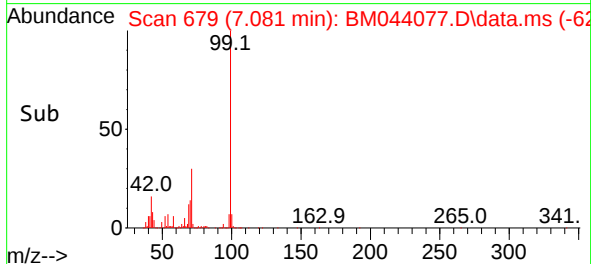
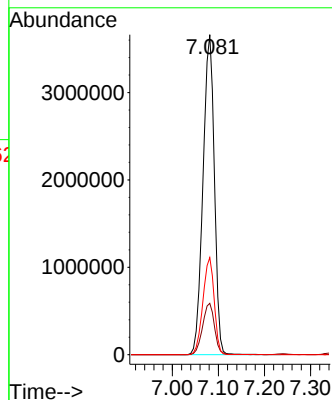
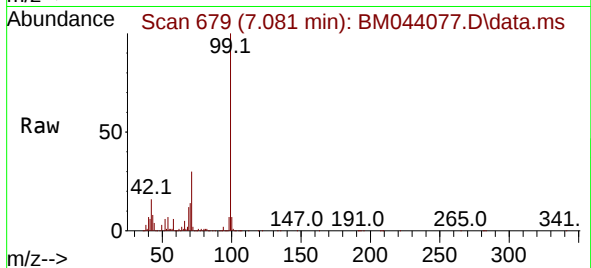


#7
Phenol-d6
Concen: 139.667 ng
RT: 7.081 min Scan# 679
Delta R.T. 0.000 min
Lab File: BM044077.D
Acq: 14 Feb 2024 11:45

Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 6315707

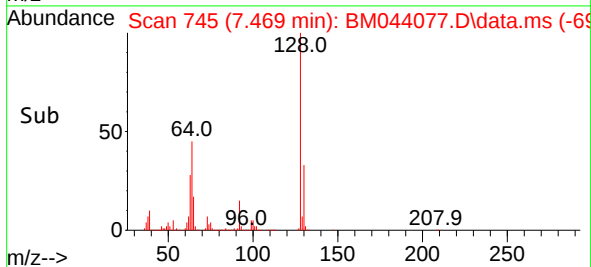
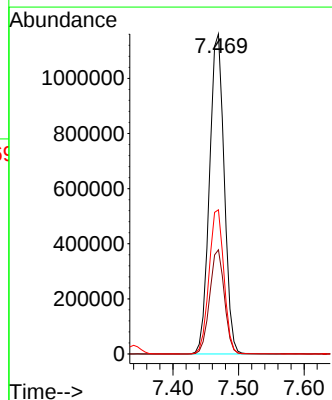
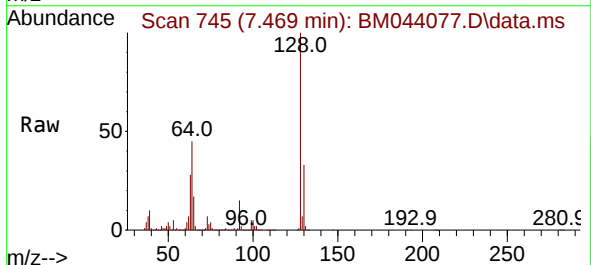
Ion	Ratio	Lower	Upper
99	100		
42	16.1	12.9	19.3
71	30.3	23.9	35.9

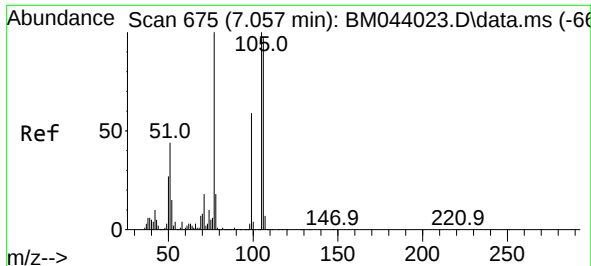


#8
2-Chlorophenol
Concen: 49.014 ng
RT: 7.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BM044077.D
Acq: 14 Feb 2024 11:45

Tgt Ion: 128 Resp: 1819100

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.1	52.1
64	45.1	26.0	66.0

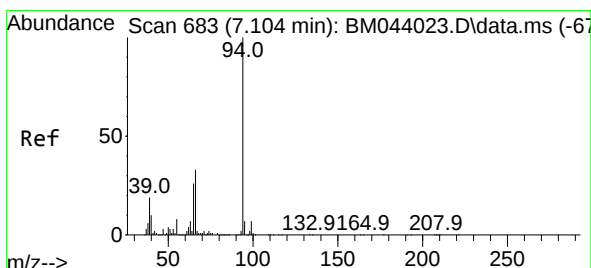
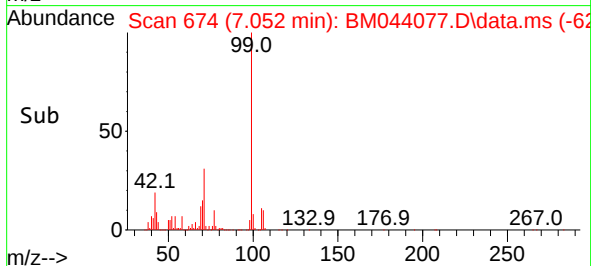
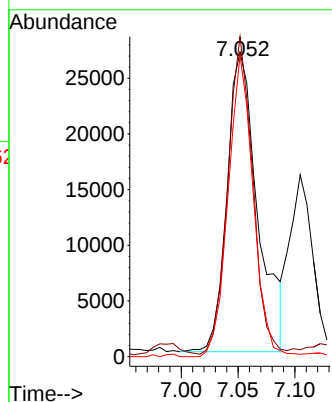
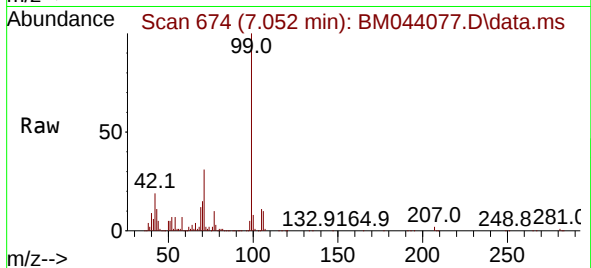




#9
Benzaldehyde
Concen: 2.174 ng
RT: 7.052 min Scan# 61
Delta R.T. -0.005 min
Lab File: BM044077.D
Acq: 14 Feb 2024 11:45

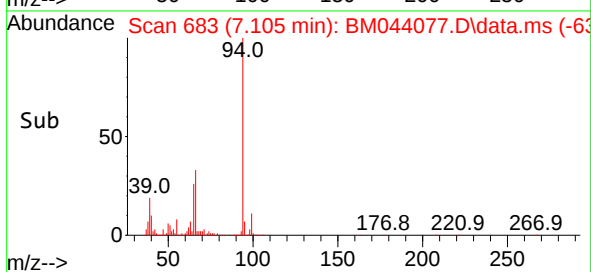
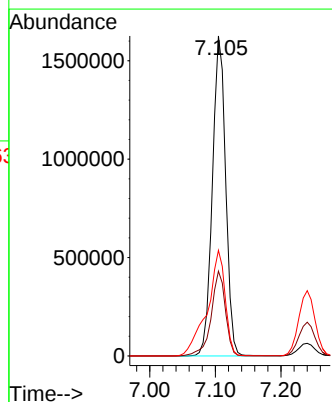
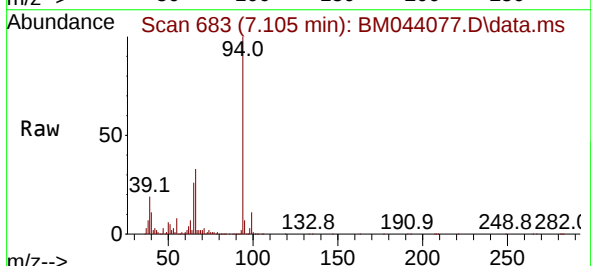
Instrument :
BNA_M
ClientSampleId :
PB158983BS

Tgt Ion: 77 Resp: 50515
Ion Ratio Lower Upper
77 100
105 105.0 80.0 120.0
106 98.9 76.8 116.8



#10
Phenol
Concen: 50.186 ng
RT: 7.105 min Scan# 683
Delta R.T. 0.000 min
Lab File: BM044077.D
Acq: 14 Feb 2024 11:45

Tgt Ion: 94 Resp: 2290366
Ion Ratio Lower Upper
94 100
65 26.5 6.4 46.4
66 33.0 13.2 53.2

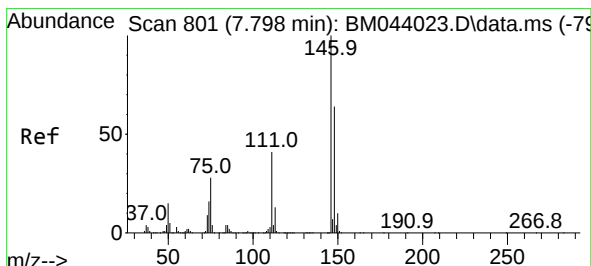
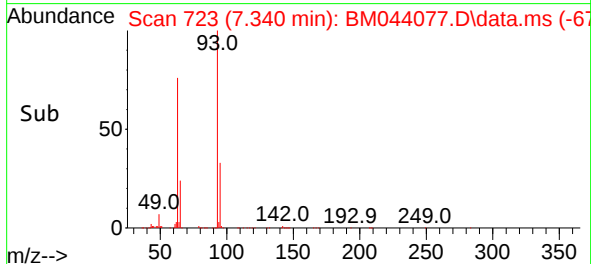
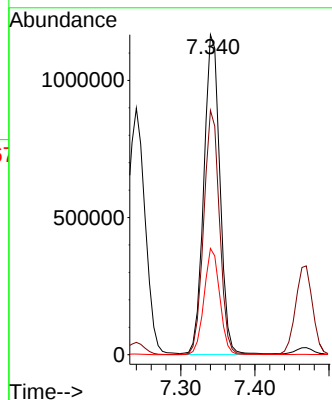
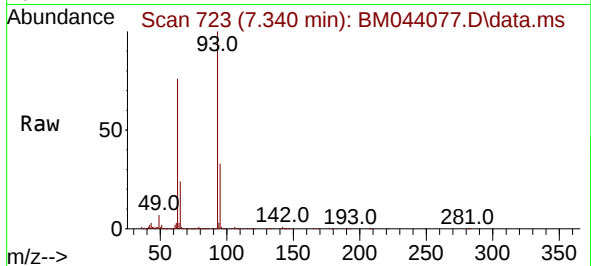




#11
bis(2-Chloroethyl)ether
Concen: 46.692 ng
RT: 7.340 min Scan# 71
Delta R.T. -0.005 min
Lab File: BM044077.D
Acq: 14 Feb 2024 11:45

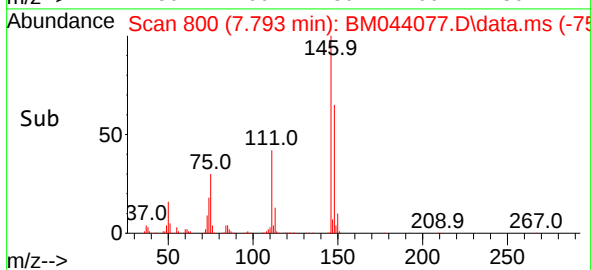
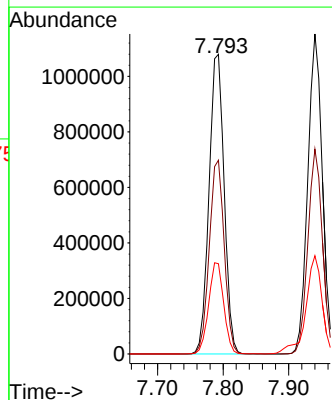
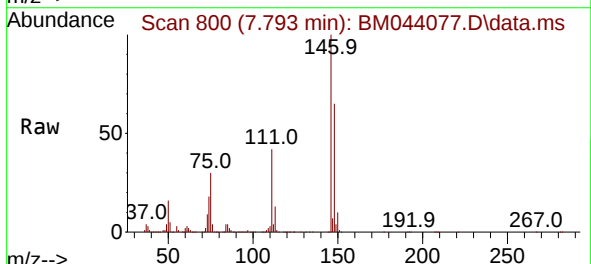
Instrument :
BNA_M
ClientSampleId :
PB158983BS

Tgt Ion: 93 Resp: 1764584
Ion Ratio Lower Upper
93 100
63 76.3 55.9 95.9
95 33.2 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 41.100 ng
RT: 7.793 min Scan# 800
Delta R.T. -0.005 min
Lab File: BM044077.D
Acq: 14 Feb 2024 11:45

Tgt Ion:146 Resp: 1731876
Ion Ratio Lower Upper
146 100
148 64.7 51.3 76.9
75 30.1 22.7 34.1

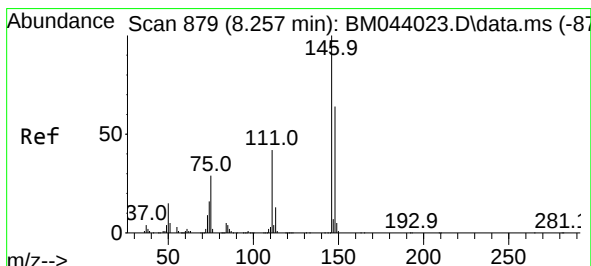
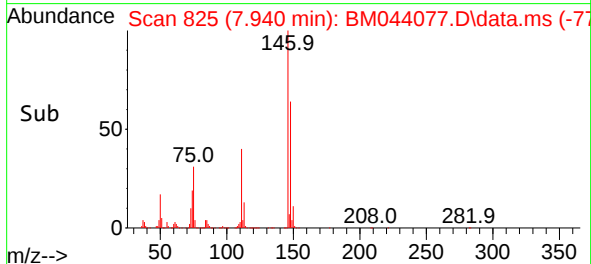
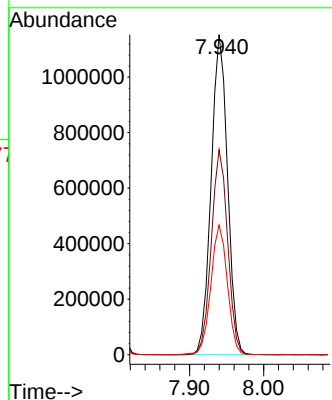
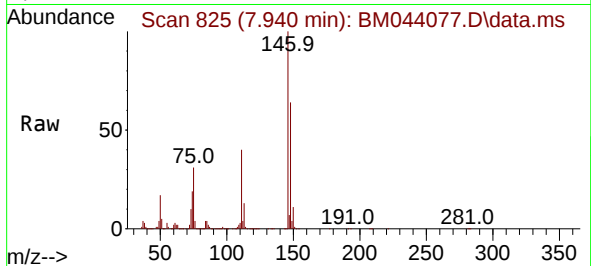




#13
1,4-Dichlorobenzene
Concen: 41.650 ng
RT: 7.940 min Scan# 81
Delta R.T. -0.005 min
Lab File: BM044077.D
Acq: 14 Feb 2024 11:45

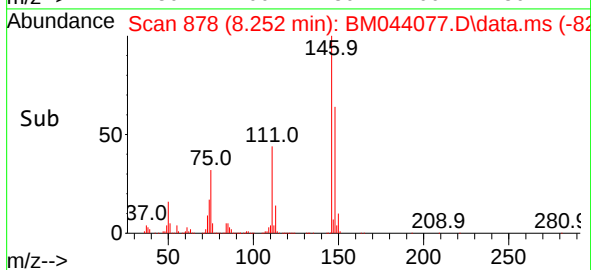
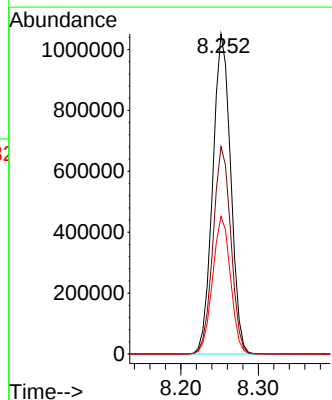
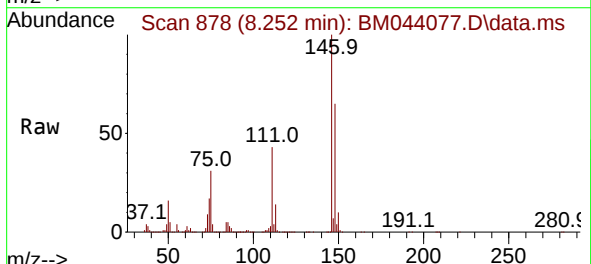
Instrument :
BNA_M
ClientSampleId :
PB158983BS

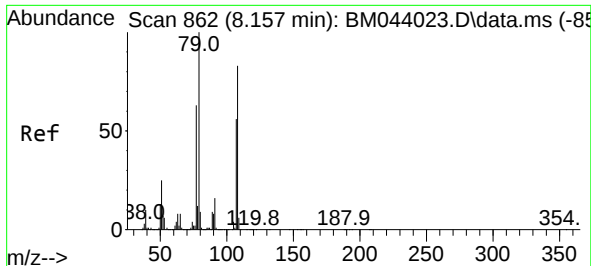
Tgt Ion:146 Resp: 1769080
Ion Ratio Lower Upper
146 100
148 64.0 51.2 76.8
111 40.5 31.2 46.8



#14
1,2-Dichlorobenzene
Concen: 41.846 ng
RT: 8.252 min Scan# 878
Delta R.T. -0.005 min
Lab File: BM044077.D
Acq: 14 Feb 2024 11:45

Tgt Ion:146 Resp: 1693603
Ion Ratio Lower Upper
146 100
148 64.8 51.4 77.2
111 43.0 33.7 50.5

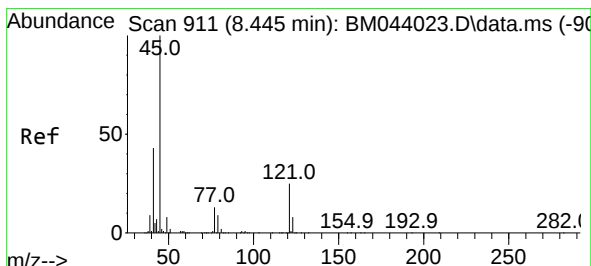
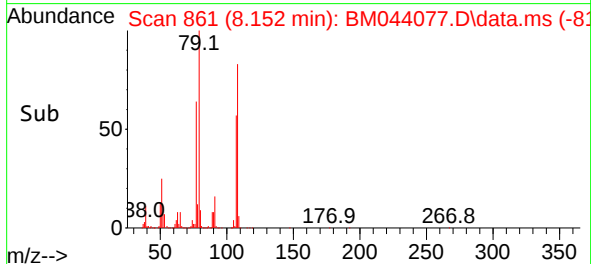
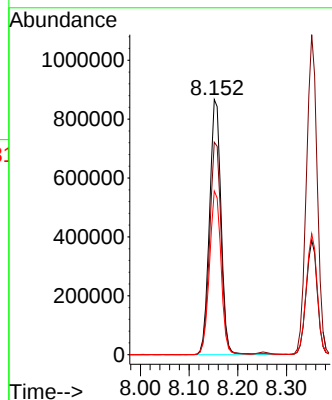
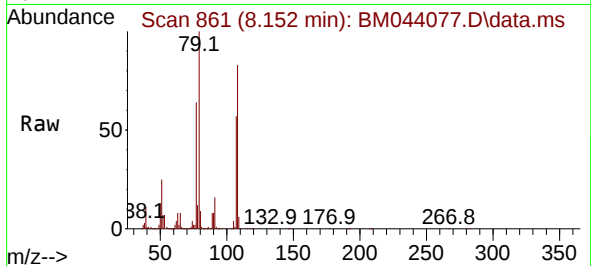




#15
Benzyl Alcohol
Concen: 48.266 ng
RT: 8.152 min Scan# 861
Delta R.T. -0.005 min
Lab File: BM044077.D
Acq: 14 Feb 2024 11:45

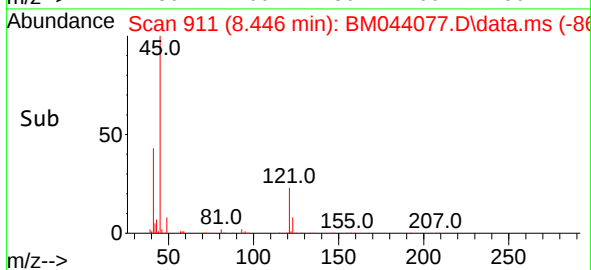
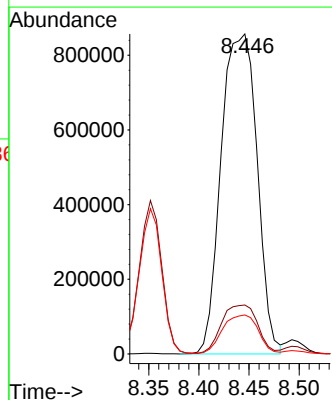
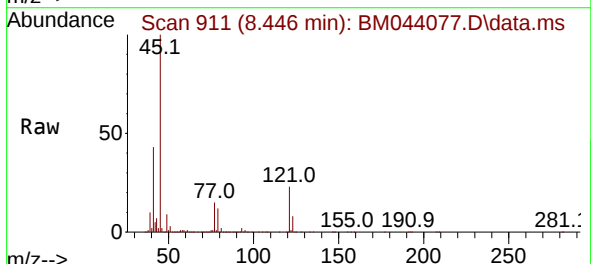
Instrument :
BNA_M
ClientSampleId :
PB158983BS

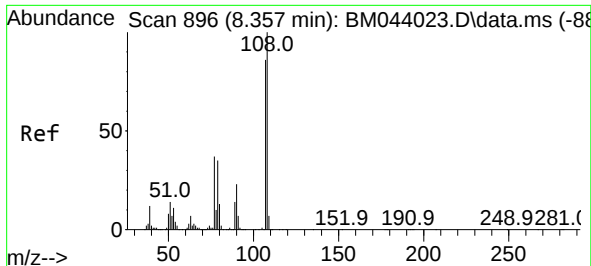
Tgt Ion: 79 Resp: 1421104
Ion Ratio Lower Upper
79 100
108 83.3 66.0 99.0
77 64.1 50.4 75.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.608 ng
RT: 8.446 min Scan# 911
Delta R.T. 0.000 min
Lab File: BM044077.D
Acq: 14 Feb 2024 11:45

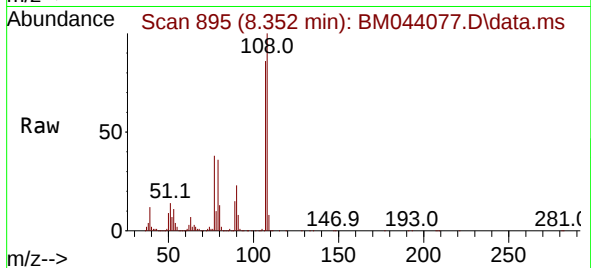
Tgt Ion: 45 Resp: 2137164
Ion Ratio Lower Upper
45 100
77 15.3 0.0 35.1
79 12.2 0.0 31.5



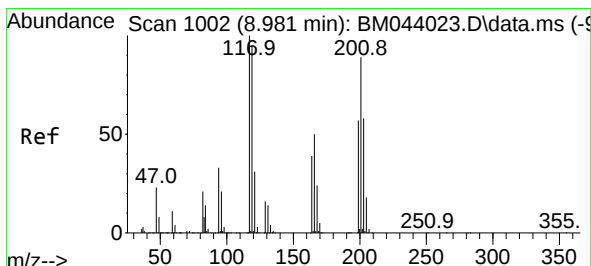
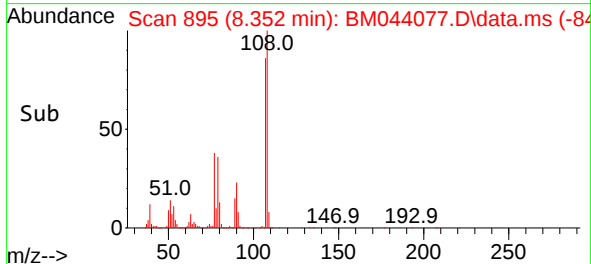
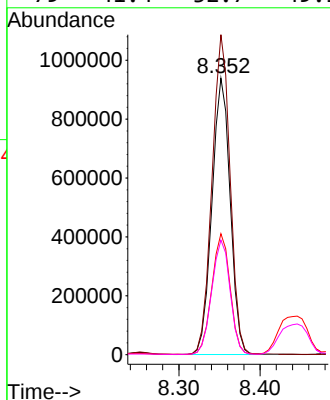


#17
2-Methylphenol
Concen: 48.879 ng
RT: 8.352 min Scan# 896
Delta R.T. -0.005 min
Lab File: BM044077.D
Acq: 14 Feb 2024 11:45

Instrument :
BNA_M
ClientSampleId :
PB158983BS

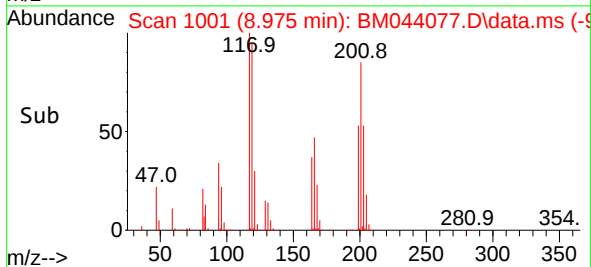
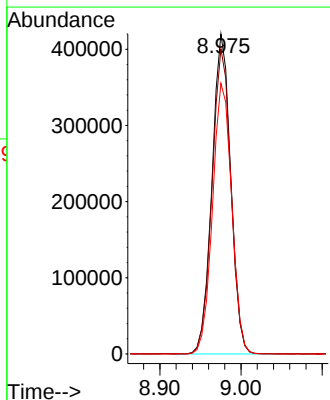
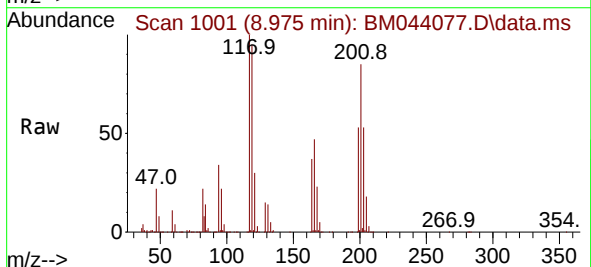


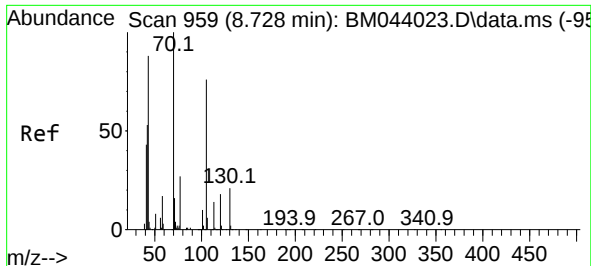
Tgt Ion:107 Resp: 1464313
Ion Ratio Lower Upper
107 100
108 115.7 93.4 140.2
77 43.8 34.7 52.1
79 41.4 32.7 49.1



#18
Hexachloroethane
Concen: 42.357 ng
RT: 8.975 min Scan# 1001
Delta R.T. -0.005 min
Lab File: BM044077.D
Acq: 14 Feb 2024 11:45

Tgt Ion:117 Resp: 673634
Ion Ratio Lower Upper
117 100
119 95.3 75.7 113.5
201 84.5 71.5 107.3

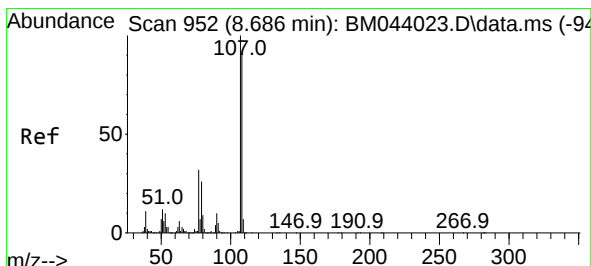
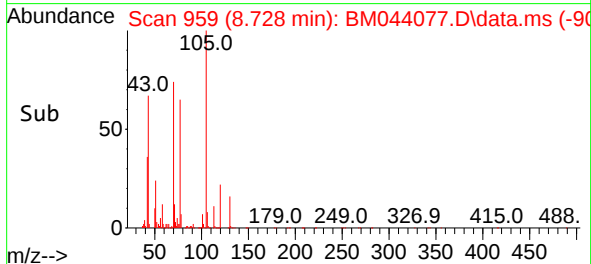
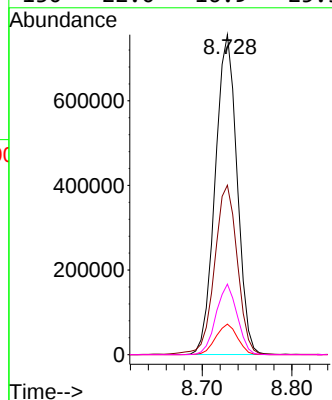
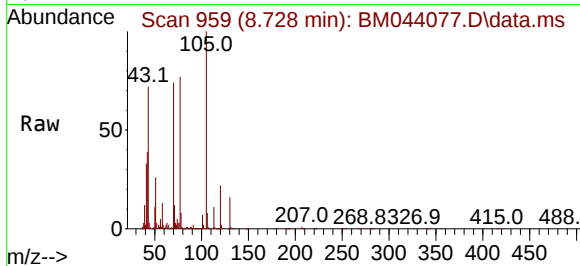




#19
n-Nitroso-di-n-propylamine
Concen: 46.008 ng
RT: 8.728 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM044077.D
Acq: 14 Feb 2024 11:45

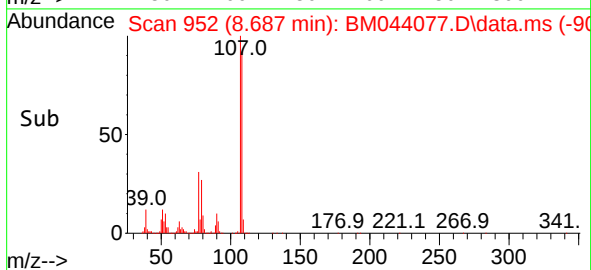
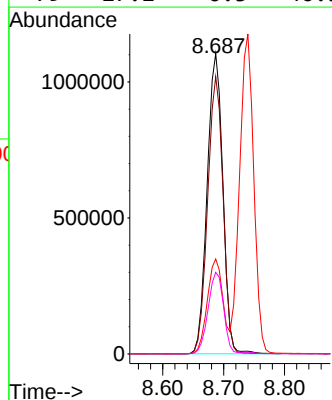
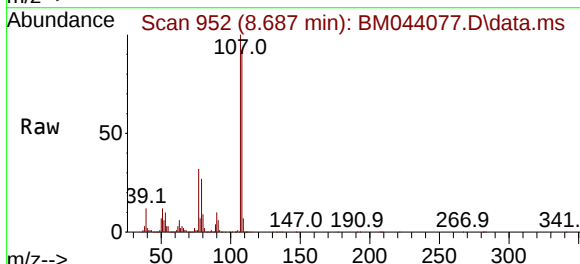
Instrument :
BNA_M
ClientSampleId :
PB158983BS

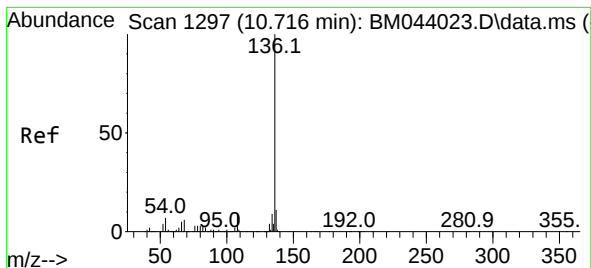
Tgt Ion: 70 Resp: 1277502
Ion Ratio Lower Upper
70 100
42 52.9 42.6 64.0
101 9.5 7.8 11.6
130 22.0 16.9 25.3



#20
3+4-Methylphenols
Concen: 47.880 ng
RT: 8.687 min Scan# 952
Delta R.T. 0.000 min
Lab File: BM044077.D
Acq: 14 Feb 2024 11:45

Tgt Ion: 107 Resp: 1974179
Ion Ratio Lower Upper
107 100
108 92.3 71.5 111.5
77 31.6 11.8 51.8
79 27.2 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.704 min Scan# 1295

Delta R.T. -0.011 min

Lab File: BM044077.D

Acq: 14 Feb 2024 11:45

Instrument :

BNA_M

ClientSampleId :

PB158983BS

Tgt Ion:136 Resp: 2183936

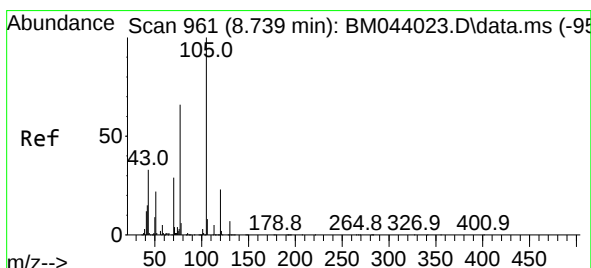
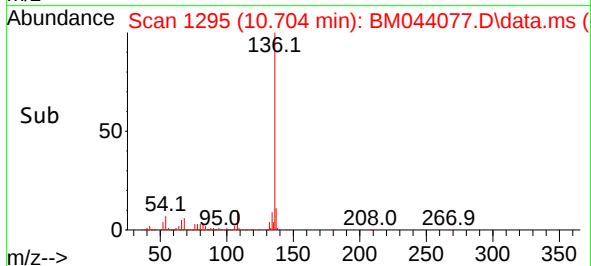
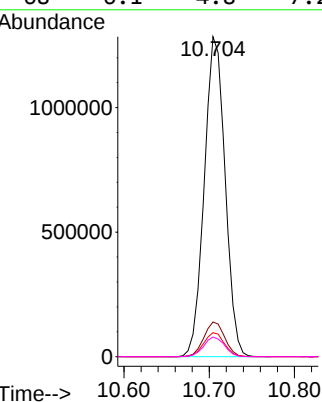
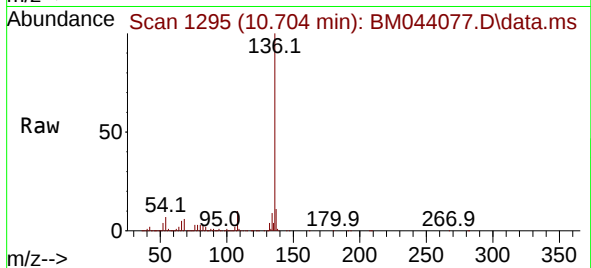
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.5 5.9 8.9

68 6.1 4.8 7.2



#22

Acetophenone

Concen: 46.013 ng

RT: 8.740 min Scan# 961

Delta R.T. 0.000 min

Lab File: BM044077.D

Acq: 14 Feb 2024 11:45

Tgt Ion:105 Resp: 2550676

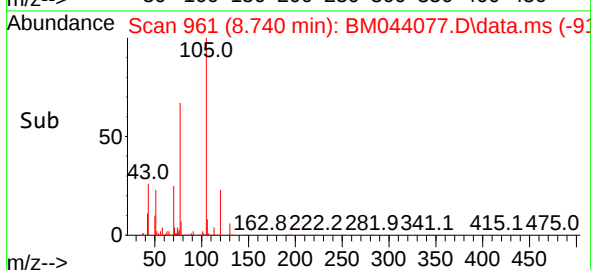
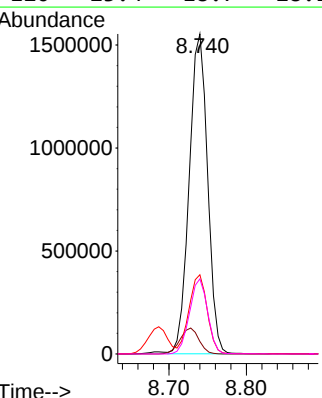
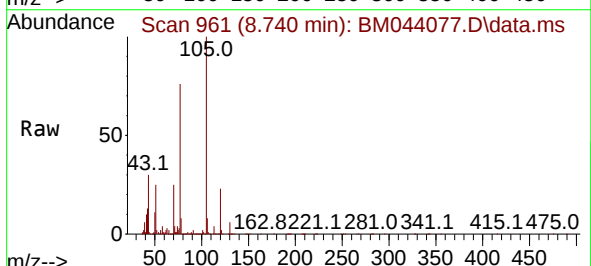
Ion Ratio Lower Upper

105 100

71 3.9 4.0 6.0#

51 24.7 20.1 30.1

120 23.4 18.7 28.1

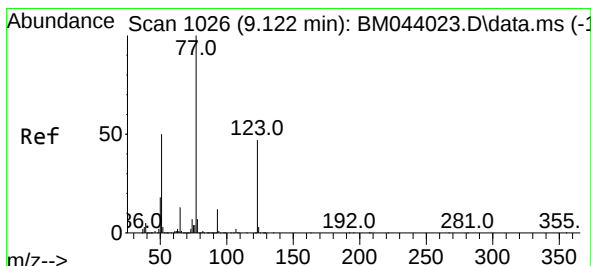
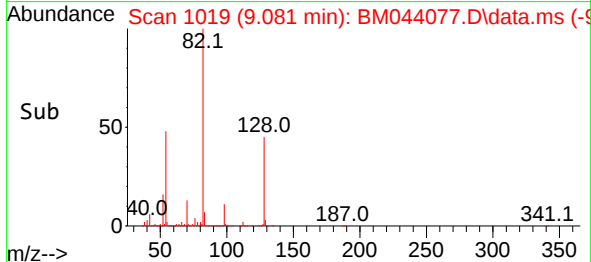
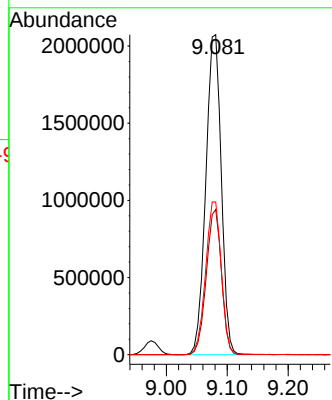
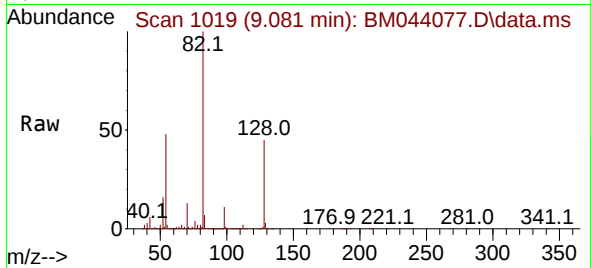




#23
Nitrobenzene-d5
Concen: 89.115 ng
RT: 9.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BM044077.D
Acq: 14 Feb 2024 11:45

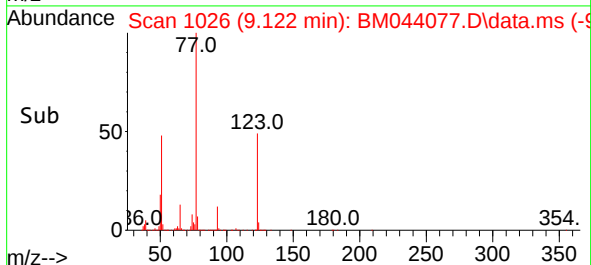
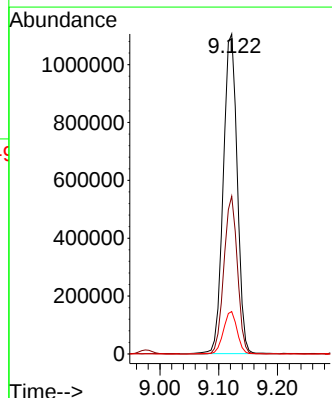
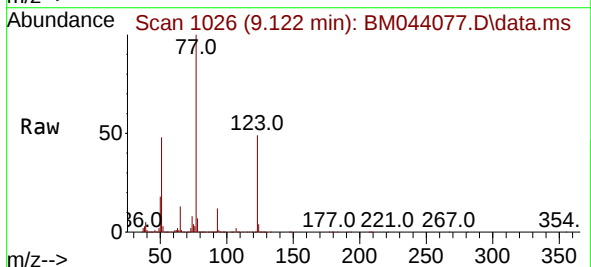
Instrument :
BNA_M
ClientSampleId :
PB158983BS

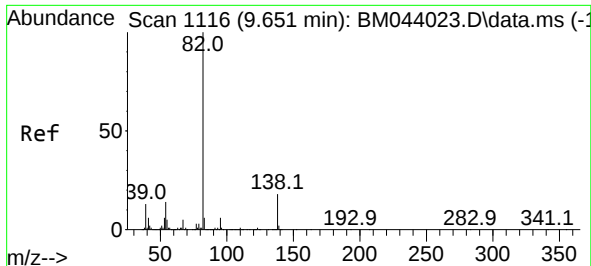
Tgt Ion: 82 Resp: 3667681
Ion Ratio Lower Upper
82 100
128 45.4 37.1 55.7
54 47.7 38.9 58.3



#24
Nitrobenzene
Concen: 43.109 ng
RT: 9.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BM044077.D
Acq: 14 Feb 2024 11:45

Tgt Ion: 77 Resp: 1816895
Ion Ratio Lower Upper
77 100
123 49.3 37.8 56.8
65 13.2 10.5 15.7

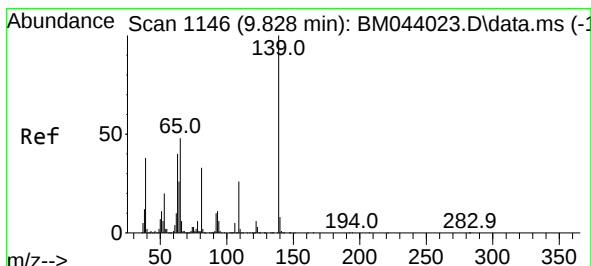
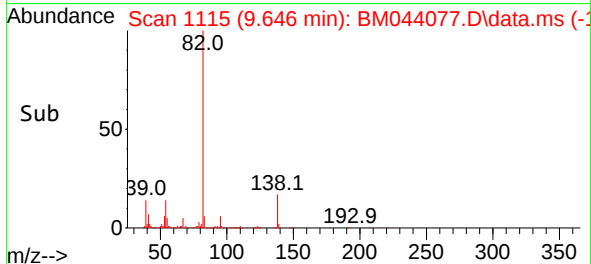
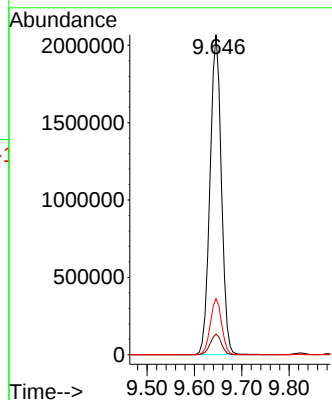
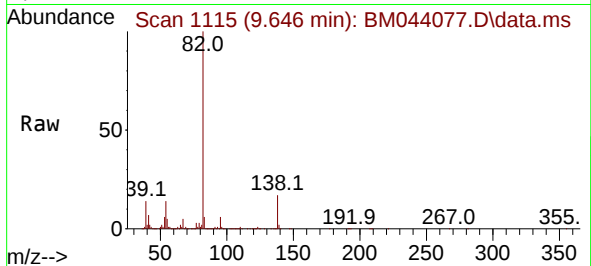




#25
Isophorone
Concen: 43.388 ng
RT: 9.646 min Scan# 1115
Delta R.T. -0.005 min
Lab File: BM044077.D
Acq: 14 Feb 2024 11:45

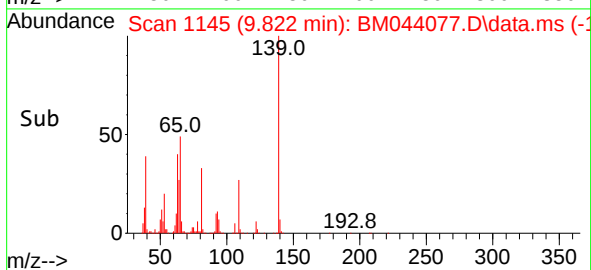
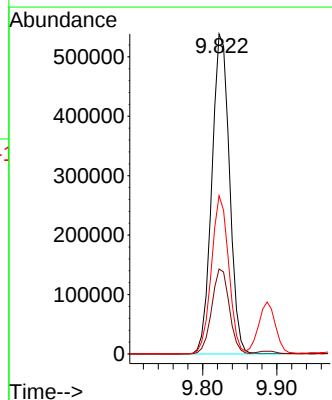
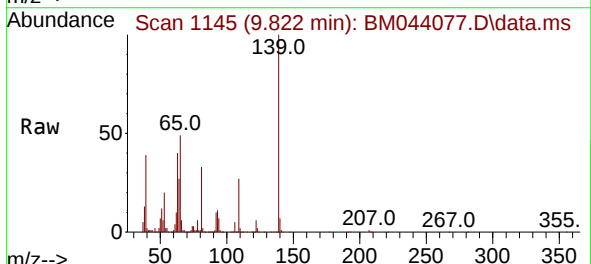
Instrument :
BNA_M
ClientSampleId :
PB158983BS

Tgt Ion: 82 Resp: 3438495
Ion Ratio Lower Upper
82 100
95 6.4 5.2 7.8
138 17.5 14.3 21.5



#26
2-Nitrophenol
Concen: 45.588 ng
RT: 9.822 min Scan# 1145
Delta R.T. -0.005 min
Lab File: BM044077.D
Acq: 14 Feb 2024 11:45

Tgt Ion:139 Resp: 890795
Ion Ratio Lower Upper
139 100
109 26.6 21.2 31.8
65 49.5 38.5 57.7

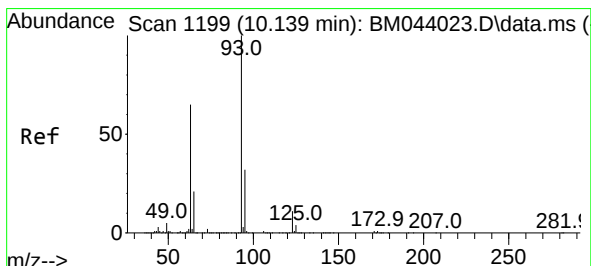
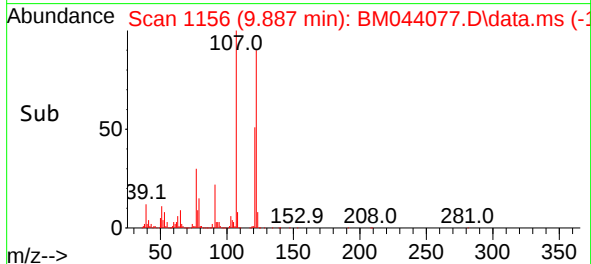
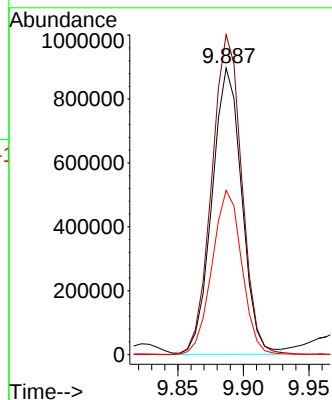
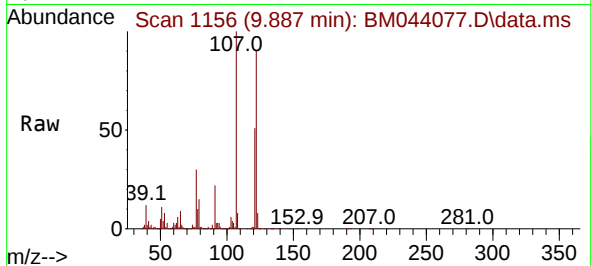




#27
2,4-Dimethylphenol
Concen: 56.627 ng
RT: 9.887 min Scan# 1156
Delta R.T. -0.005 min
Lab File: BM044077.D
Acq: 14 Feb 2024 11:45

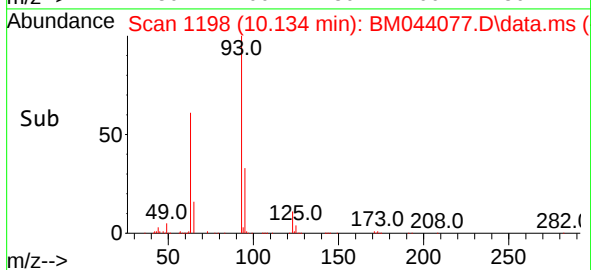
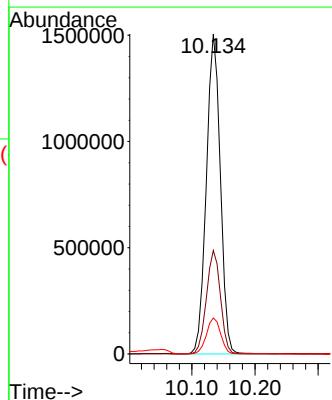
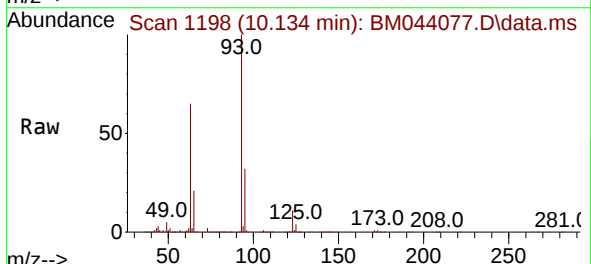
Instrument :
BNA_M
ClientSampleId :
PB158983BS

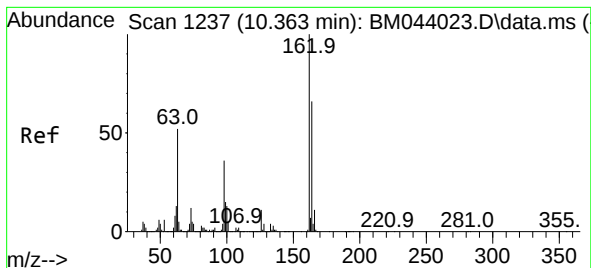
Tgt Ion:122 Resp: 1414863
Ion Ratio Lower Upper
122 100
107 111.6 87.8 131.8
121 57.3 44.7 67.1



#28
bis(2-Chloroethoxy)methane
Concen: 45.150 ng
RT: 10.134 min Scan# 1198
Delta R.T. -0.005 min
Lab File: BM044077.D
Acq: 14 Feb 2024 11:45

Tgt Ion: 93 Resp: 2314053
Ion Ratio Lower Upper
93 100
95 32.3 26.0 39.0
123 11.2 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 46.146 ng

RT: 10.357 min Scan# 1

Delta R.T. -0.005 min

Lab File: BM044077.D

Acq: 14 Feb 2024 11:45

Instrument :

BNA_M

ClientSampleId :

PB158983BS

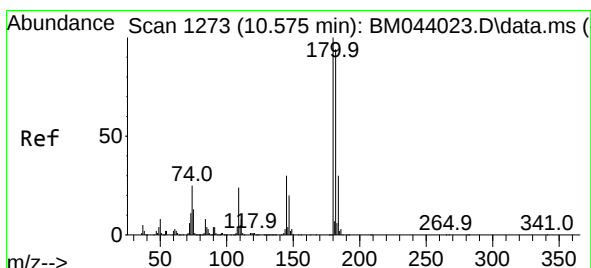
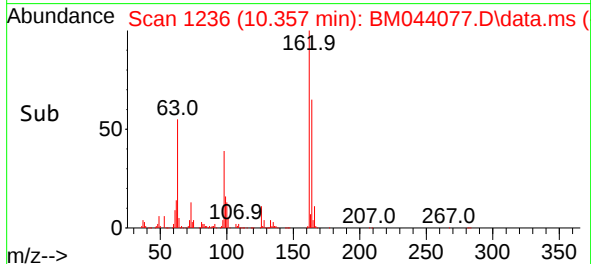
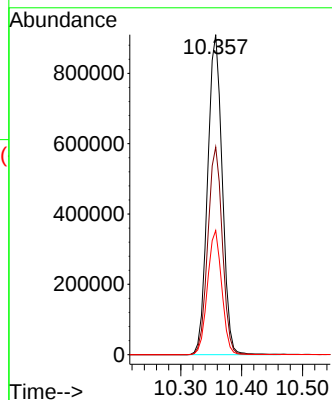
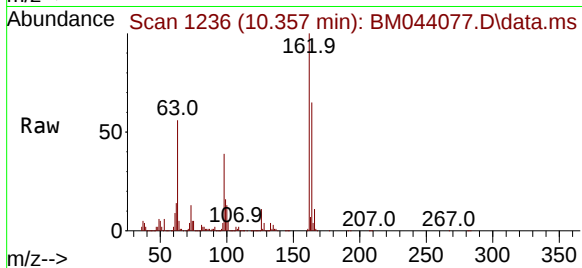
Tgt Ion:162 Resp: 1518005

Ion Ratio Lower Upper

162 100

164 64.9 46.1 86.1

98 38.8 15.9 55.9



#30

1,2,4-Trichlorobenzene

Concen: 40.393 ng

RT: 10.569 min Scan# 1272

Delta R.T. -0.005 min

Lab File: BM044077.D

Acq: 14 Feb 2024 11:45

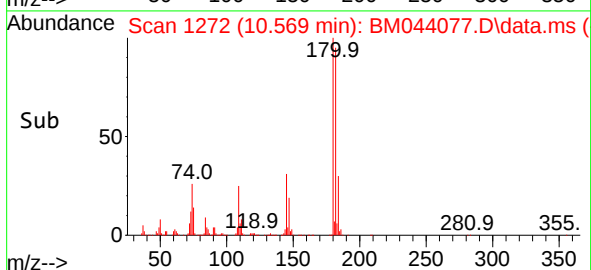
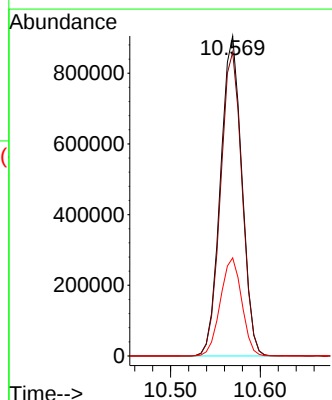
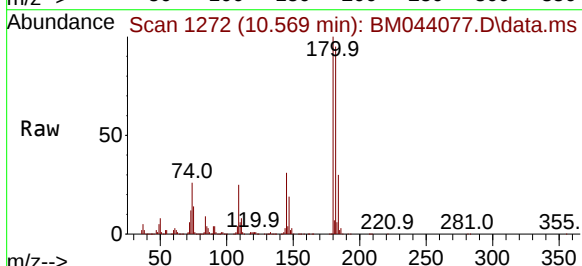
Tgt Ion:180 Resp: 1494157

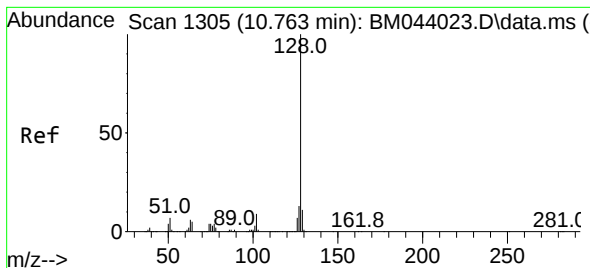
Ion Ratio Lower Upper

180 100

182 94.9 75.2 112.8

145 30.6 24.3 36.5





#31

Naphthalene

Concen: 41.385 ng

RT: 10.757 min Scan# 11

Delta R.T. -0.005 min

Lab File: BM044077.D

Acq: 14 Feb 2024 11:45

Instrument :

BNA_M

ClientSampleId :

PB158983BS

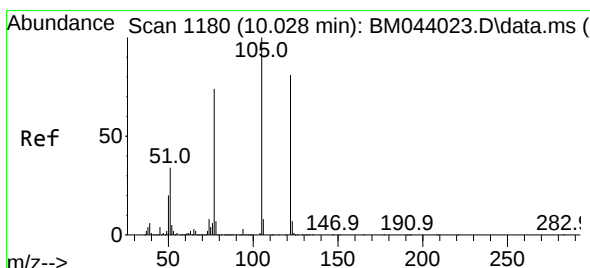
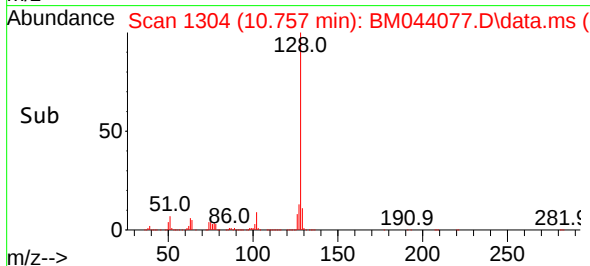
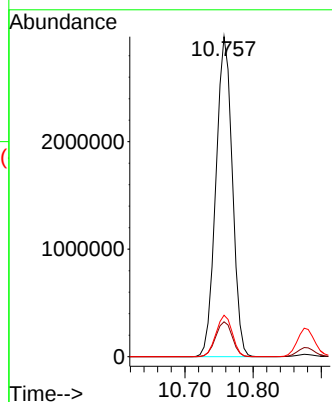
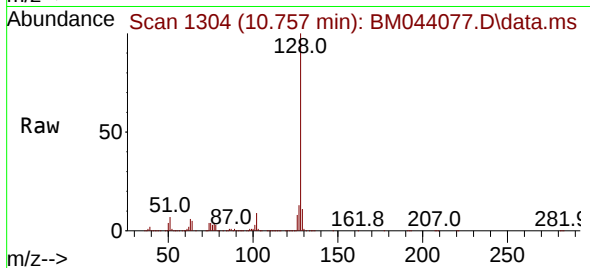
Tgt Ion:128 Resp: 4988377

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.4

127 13.0 10.3 15.5



#32

Benzoic acid

Concen: 46.096 ng

RT: 10.052 min Scan# 1184

Delta R.T. 0.024 min

Lab File: BM044077.D

Acq: 14 Feb 2024 11:45

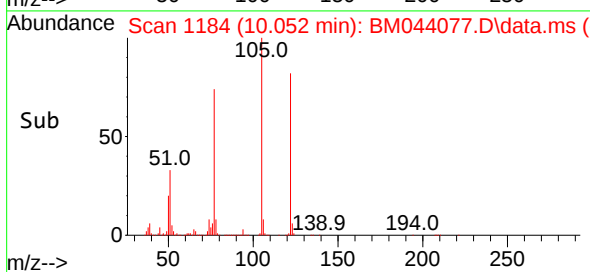
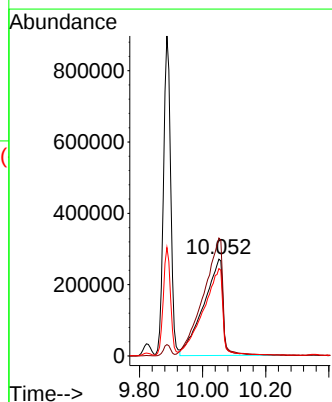
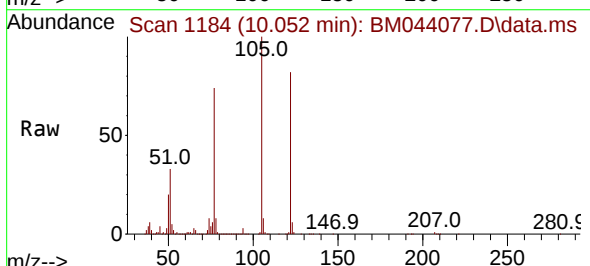
Tgt Ion:122 Resp: 1160191

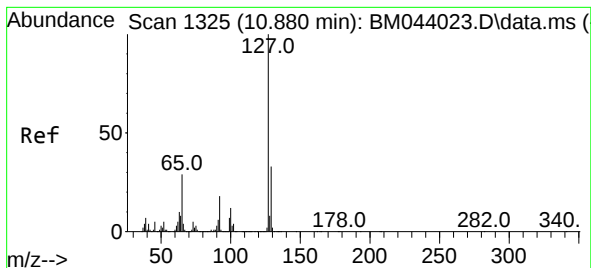
Ion Ratio Lower Upper

122 100

105 121.8 100.1 140.1

77 90.3 69.6 109.6



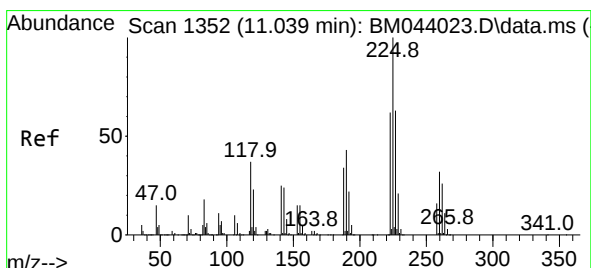
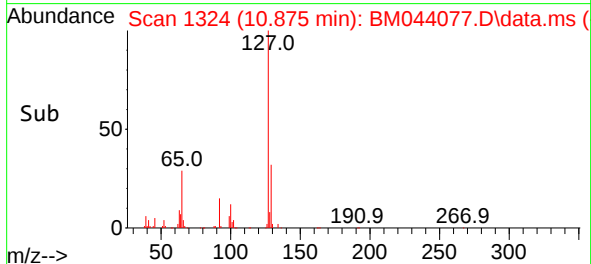
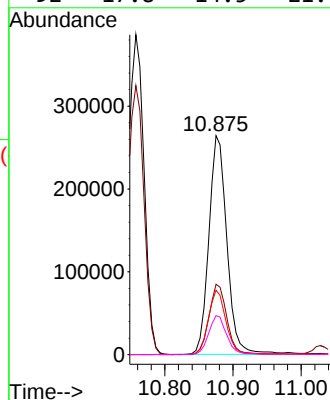
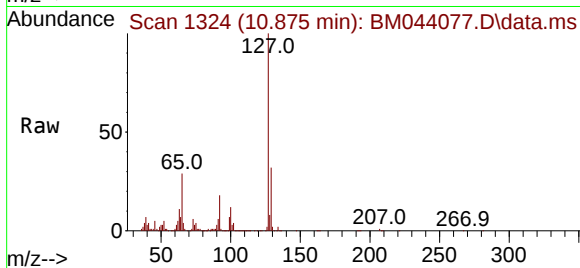


#33
4-Chloroaniline
Concen: 10.629 ng
RT: 10.875 min Scan# 11
Delta R.T. -0.005 min
Lab File: BM044077.D
Acq: 14 Feb 2024 11:45

Instrument :
BNA_M
ClientSampleId :
PB158983BS

Tgt Ion:127 Resp: 485129

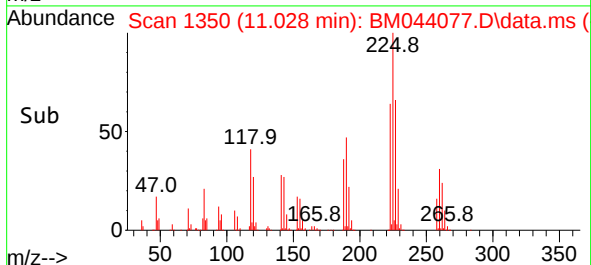
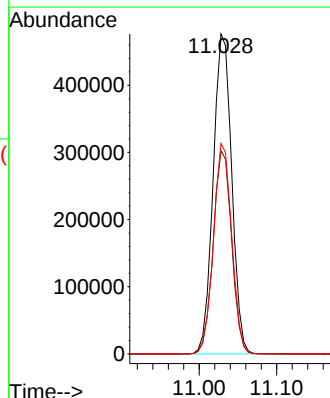
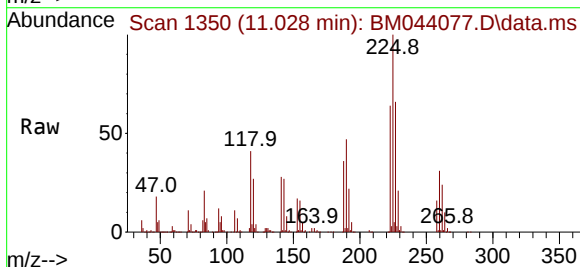
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.0	39.0
65	29.5	23.0	34.6
92	17.8	14.5	21.7

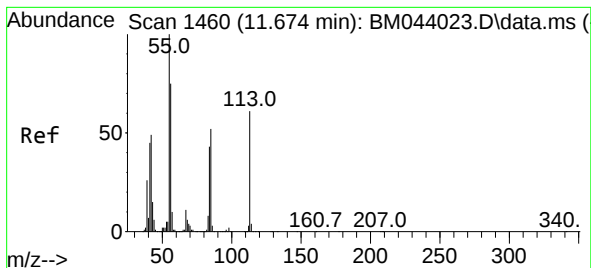


#34
Hexachlorobutadiene
Concen: 37.333 ng
RT: 11.028 min Scan# 1350
Delta R.T. -0.011 min
Lab File: BM044077.D
Acq: 14 Feb 2024 11:45

Tgt Ion:225 Resp: 790439

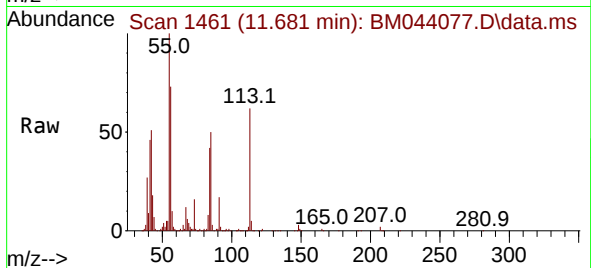
Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.9	74.9
227	65.8	50.6	76.0



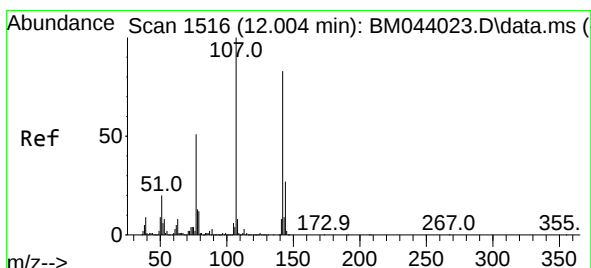
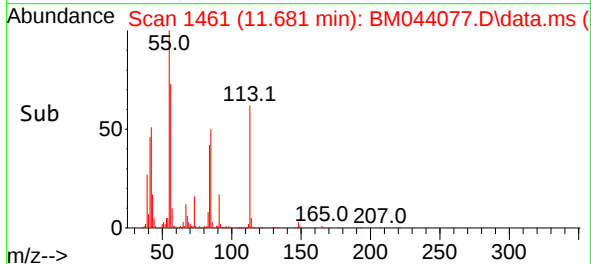
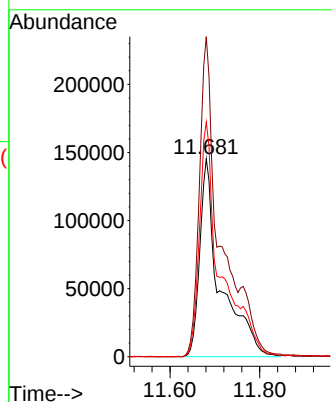


#35
Caprolactam
Concen: 43.709 ng
RT: 11.681 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BM044077.D
Acq: 14 Feb 2024 11:45

Instrument :
BNA_M
ClientSampleId :
PB158983BS

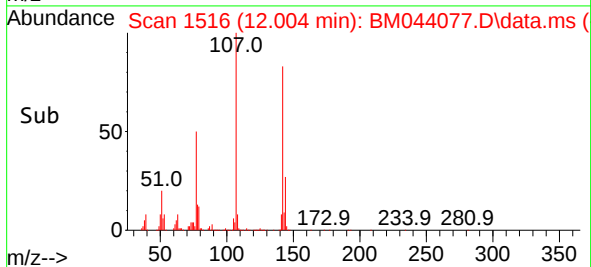
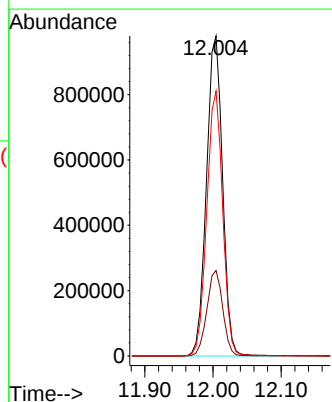
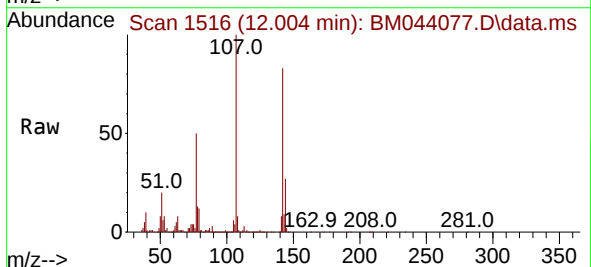


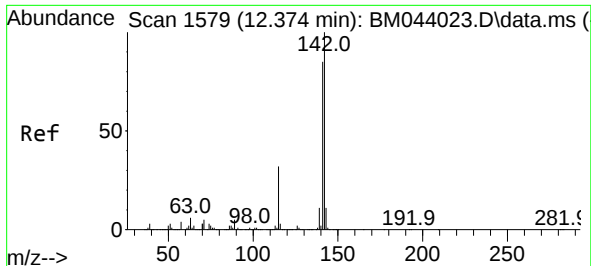
Tgt Ion:113 Resp: 462685
Ion Ratio Lower Upper
113 100
55 161.7 145.6 185.6
56 118.6 103.3 143.3



#36
4-Chloro-3-methylphenol
Concen: 45.198 ng
RT: 12.004 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BM044077.D
Acq: 14 Feb 2024 11:45

Tgt Ion:107 Resp: 1609989
Ion Ratio Lower Upper
107 100
144 26.7 21.3 31.9
142 82.7 66.2 99.4

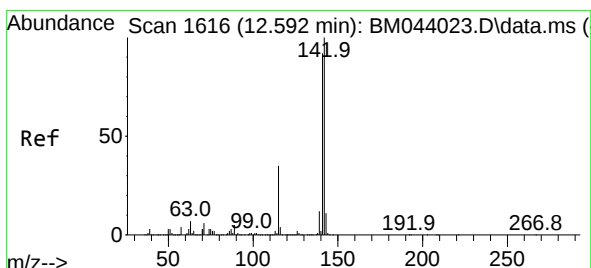
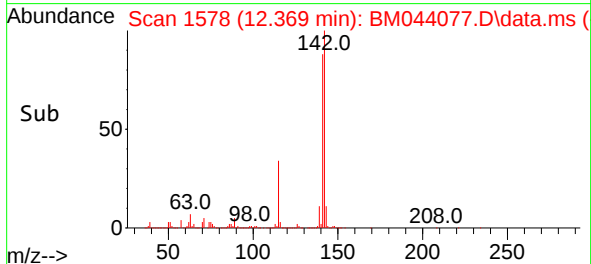
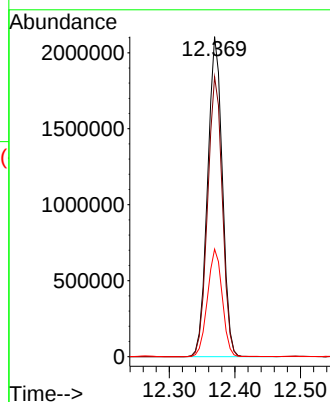
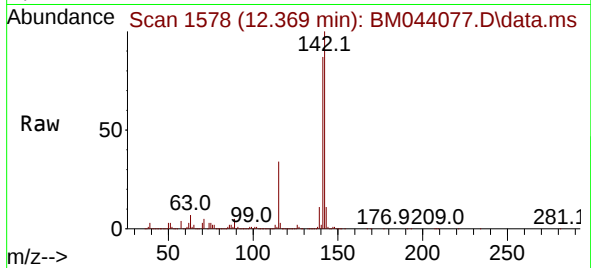




#37
2-Methylnaphthalene
Concen: 40.952 ng
RT: 12.369 min Scan# 1578
Delta R.T. -0.005 min
Lab File: BM044077.D
Acq: 14 Feb 2024 11:45

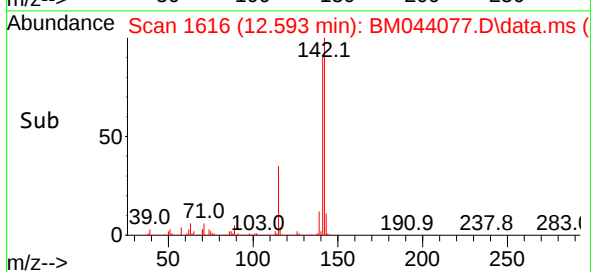
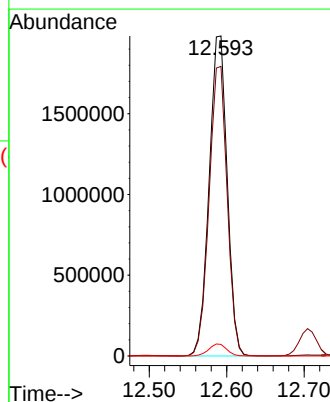
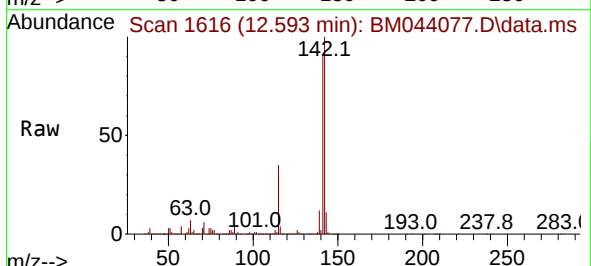
Instrument :
BNA_M
ClientSampleId :
PB158983BS

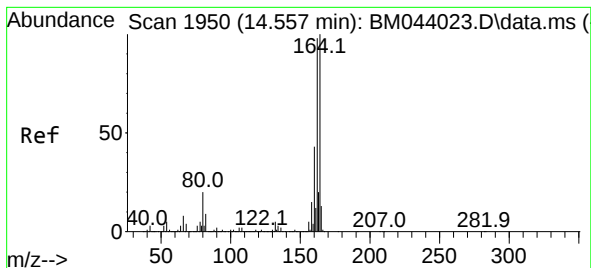
Tgt Ion:142 Resp: 3287973
Ion Ratio Lower Upper
142 100
141 87.5 68.3 102.5
115 33.6 25.7 38.5



#38
1-Methylnaphthalene
Concen: 40.557 ng
RT: 12.593 min Scan# 1616
Delta R.T. 0.000 min
Lab File: BM044077.D
Acq: 14 Feb 2024 11:45

Tgt Ion:142 Resp: 3199709
Ion Ratio Lower Upper
142 100
141 90.5 73.4 110.0
116 3.6 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.545 min Scan# 1950

Delta R.T. -0.012 min

Lab File: BM044077.D

Acq: 14 Feb 2024 11:45

Instrument :

BNA_M

ClientSampleId :

PB158983BS

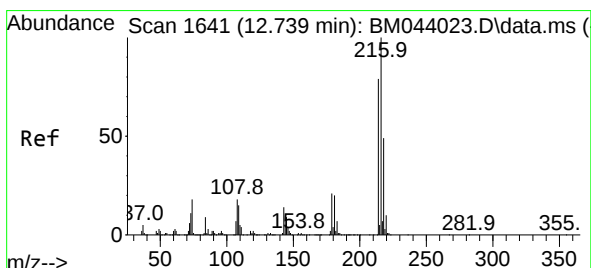
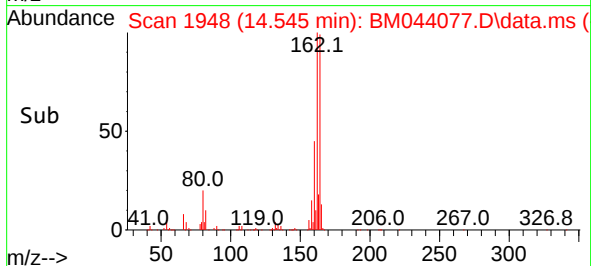
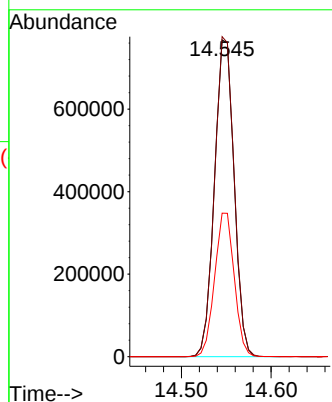
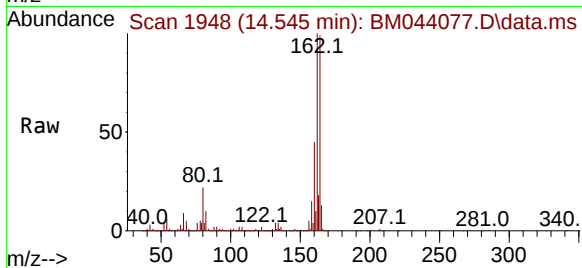
Tgt Ion:164 Resp: 1166749

Ion Ratio Lower Upper

164 100

162 101.0 78.4 117.6

160 45.3 34.6 51.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.971 ng

RT: 12.734 min Scan# 1640

Delta R.T. -0.005 min

Lab File: BM044077.D

Acq: 14 Feb 2024 11:45

Tgt Ion:216 Resp: 1525108

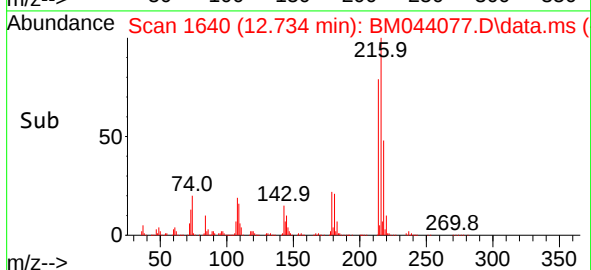
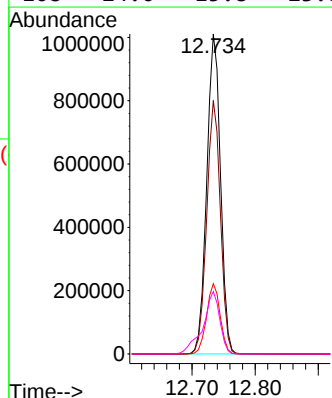
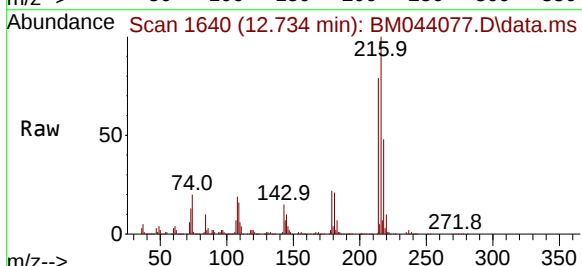
Ion Ratio Lower Upper

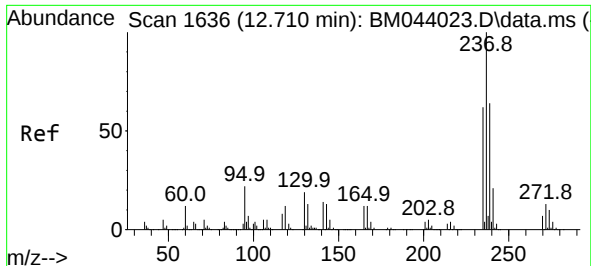
216 100

214 79.0 63.1 94.7

179 21.7 17.0 25.6

108 24.0 15.8 23.8#

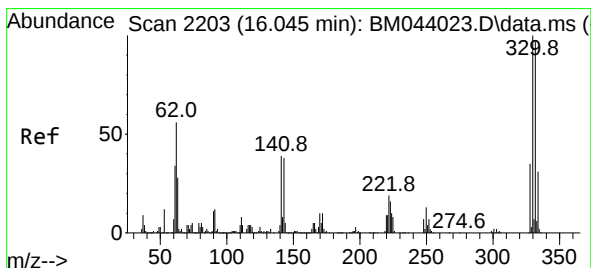
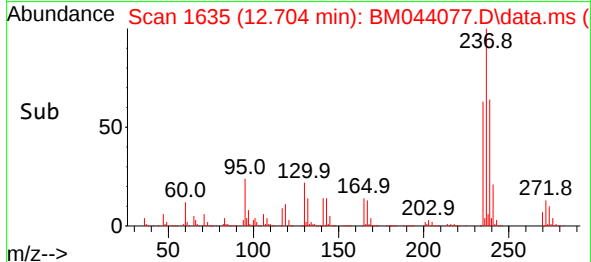
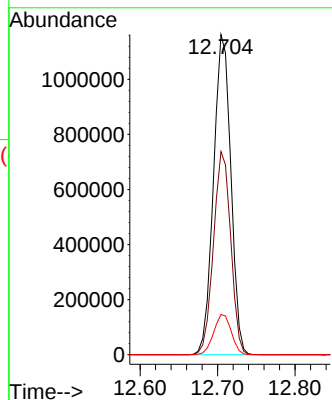
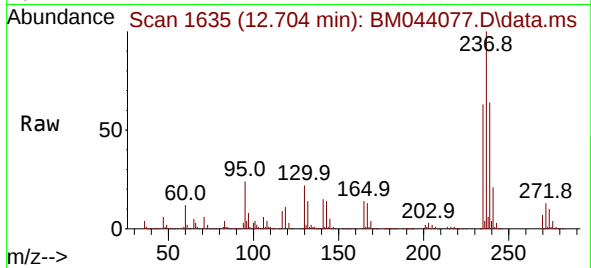




#41
Hexachlorocyclopentadiene
Concen: 122.008 ng
RT: 12.704 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM044077.D
Acq: 14 Feb 2024 11:45

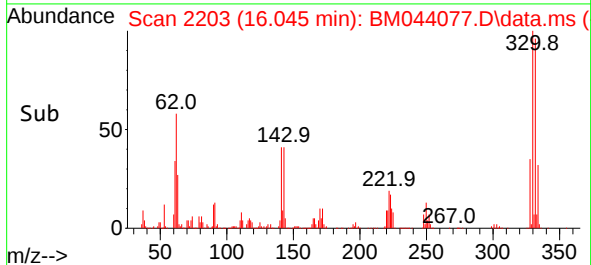
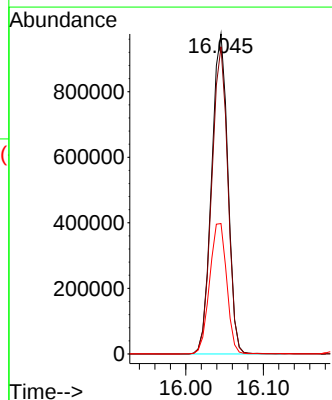
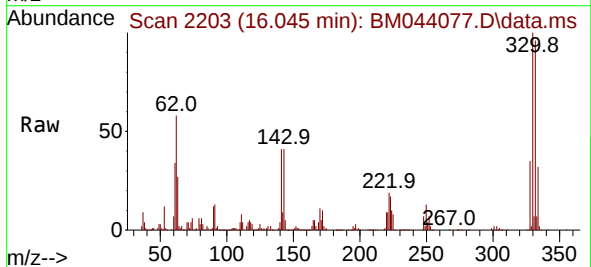
Instrument :
BNA_M
ClientSampleId :
PB158983BS

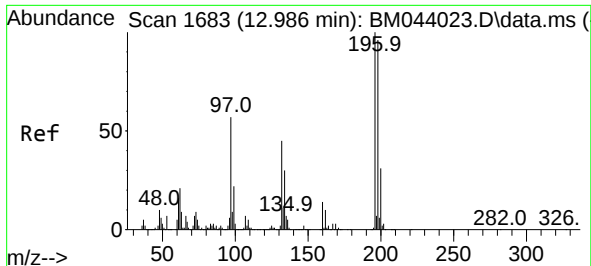
Tgt Ion:237 Resp: 1805748
Ion Ratio Lower Upper
237 100
235 63.5 42.4 82.4
272 12.5 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 112.580 ng
RT: 16.045 min Scan# 2203
Delta R.T. 0.000 min
Lab File: BM044077.D
Acq: 14 Feb 2024 11:45

Tgt Ion:330 Resp: 1422187
Ion Ratio Lower Upper
330 100
332 95.1 77.7 116.5
141 42.8 31.0 46.4

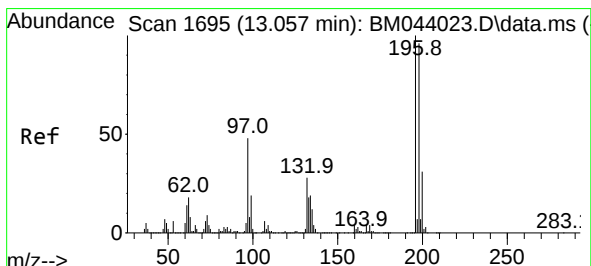
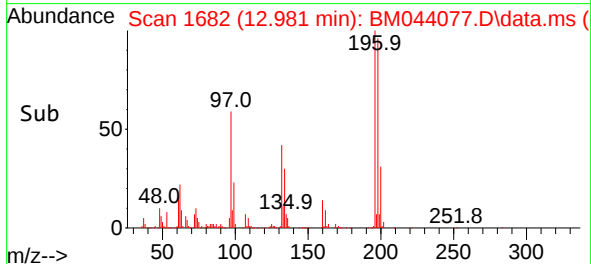
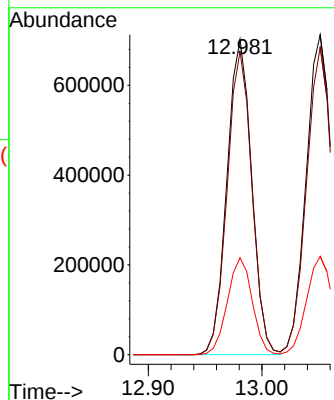
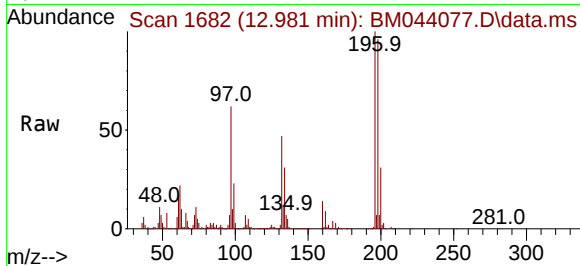




#43
2,4,6-Trichlorophenol
Concen: 46.105 ng
RT: 12.981 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM044077.D
Acq: 14 Feb 2024 11:45

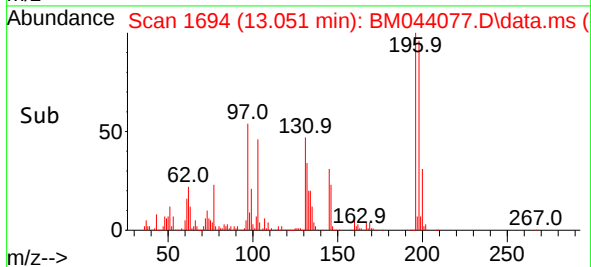
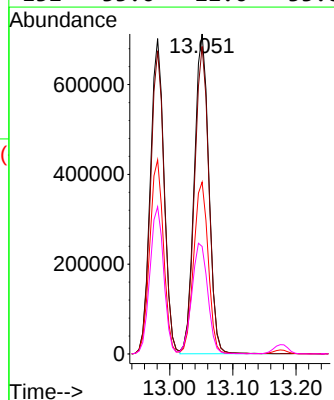
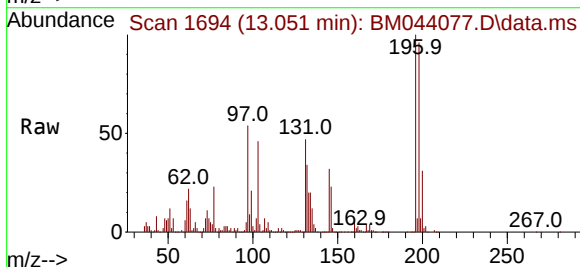
Instrument :
BNA_M
ClientSampleId :
PB158983BS

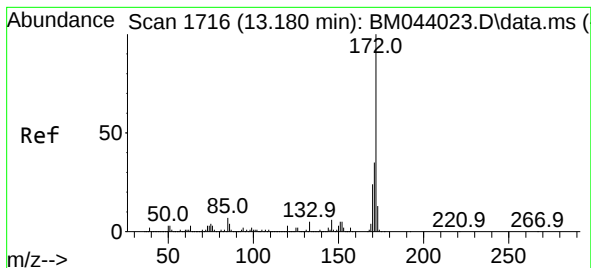
Tgt Ion:196 Resp: 1064105
Ion Ratio Lower Upper
196 100
198 96.1 76.8 115.2
200 30.7 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 44.832 ng
RT: 13.051 min Scan# 1694
Delta R.T. -0.005 min
Lab File: BM044077.D
Acq: 14 Feb 2024 11:45

Tgt Ion:196 Resp: 1135511
Ion Ratio Lower Upper
196 100
198 96.1 76.9 115.3
97 53.7 39.0 58.4
132 33.6 22.6 33.8





#45

2-Fluorobiphenyl

Concen: 84.706 ng

RT: 13.175 min Scan# 1

Delta R.T. -0.005 min

Lab File: BM044077.D

Acq: 14 Feb 2024 11:45

Instrument :

BNA_M

ClientSampleId :

PB158983BS

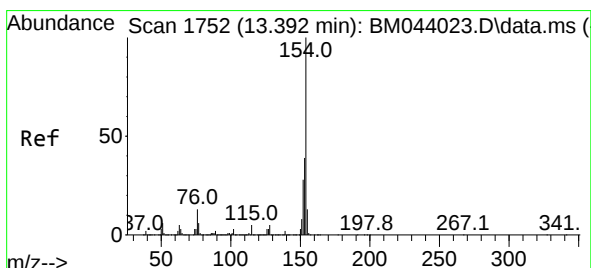
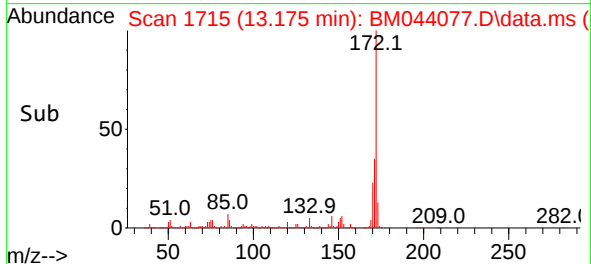
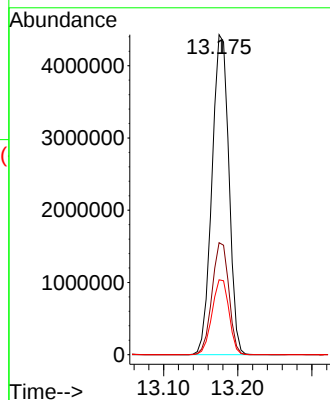
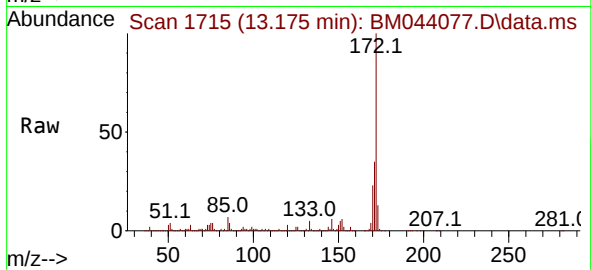
Tgt Ion:172 Resp: 7002696

Ion Ratio Lower Upper

172 100

171 35.0 27.9 41.9

170 23.4 19.0 28.4



#46

1,1'-Biphenyl

Concen: 45.973 ng

RT: 13.387 min Scan# 1751

Delta R.T. -0.005 min

Lab File: BM044077.D

Acq: 14 Feb 2024 11:45

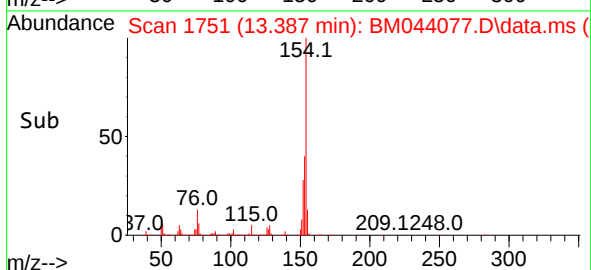
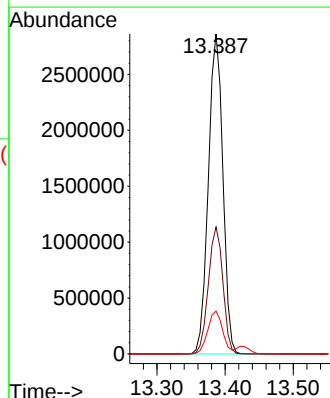
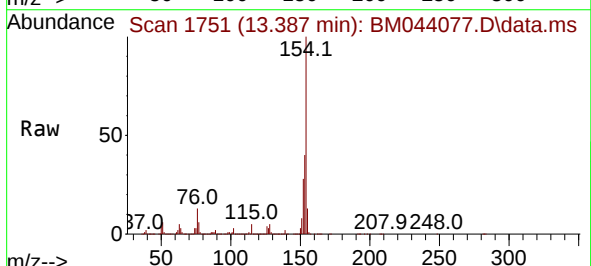
Tgt Ion:154 Resp: 4232484

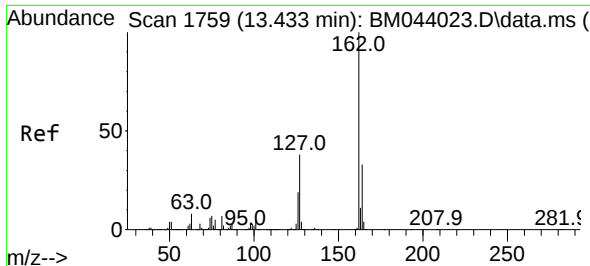
Ion Ratio Lower Upper

154 100

153 39.6 19.4 59.4

76 13.4 0.0 32.9

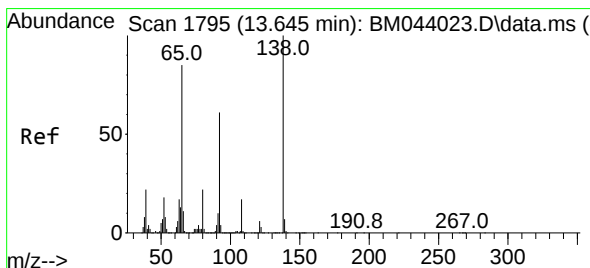
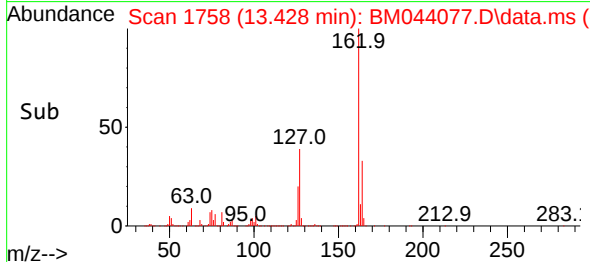
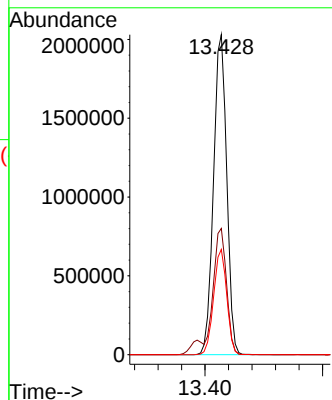
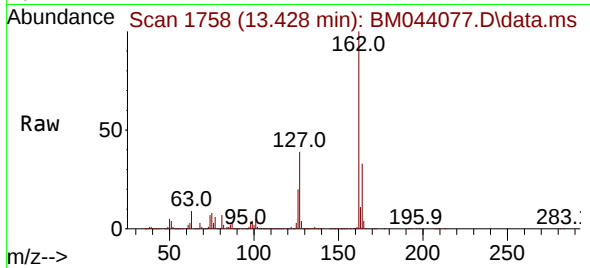




#47
2-Chloronaphthalene
Concen: 43.348 ng
RT: 13.428 min Scan# 1758
Delta R.T. -0.005 min
Lab File: BM044077.D
Acq: 14 Feb 2024 11:45

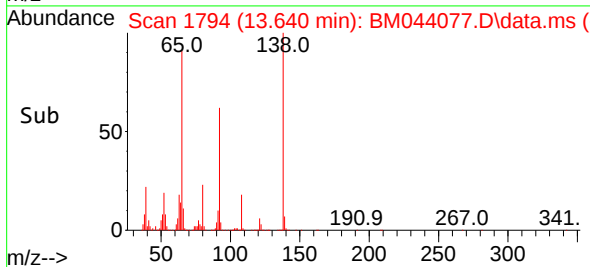
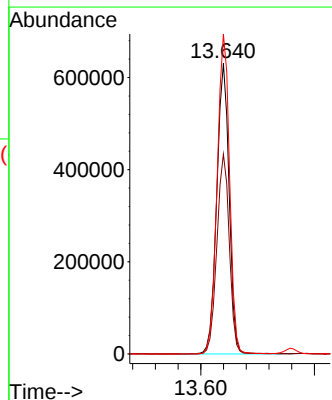
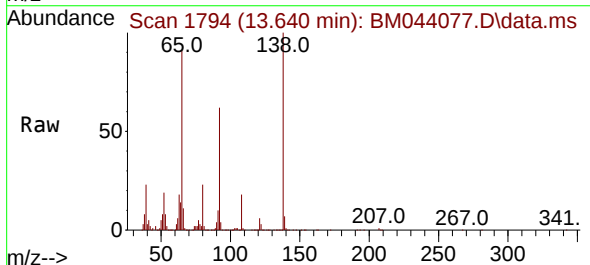
Instrument :
BNA_M
ClientSampleId :
PB158983BS

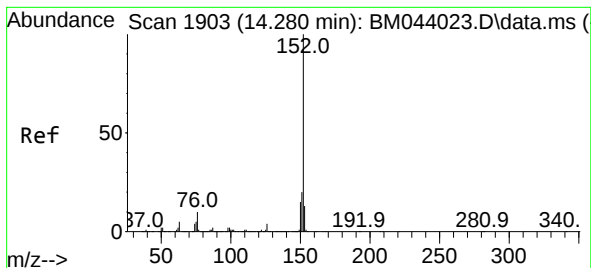
Tgt Ion:162 Resp: 3161307
Ion Ratio Lower Upper
162 100
127 39.5 30.9 46.3
164 32.9 26.4 39.6



#48
2-Nitroaniline
Concen: 46.490 ng
RT: 13.640 min Scan# 1794
Delta R.T. -0.005 min
Lab File: BM044077.D
Acq: 14 Feb 2024 11:45

Tgt Ion: 65 Resp: 953813
Ion Ratio Lower Upper
65 100
92 68.8 58.1 87.1
138 110.1 94.6 142.0





#49

Acenaphthylene

Concen: 46.703 ng

RT: 14.269 min Scan# 1901

Delta R.T. -0.011 min

Lab File: BM044077.D

Acq: 14 Feb 2024 11:45

Instrument :

BNA_M

ClientSampleId :

PB158983BS

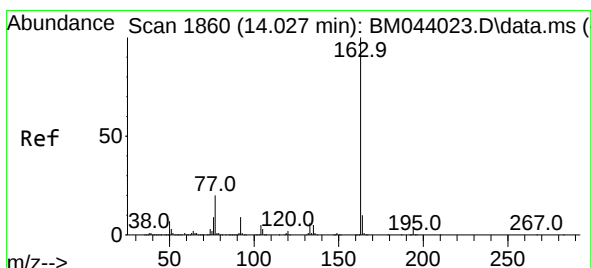
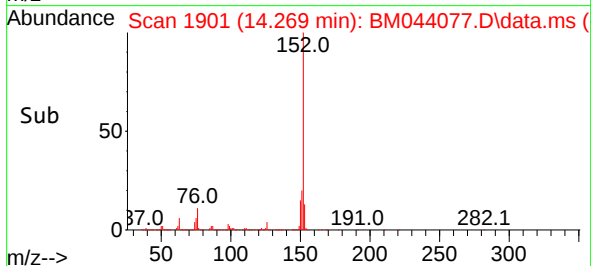
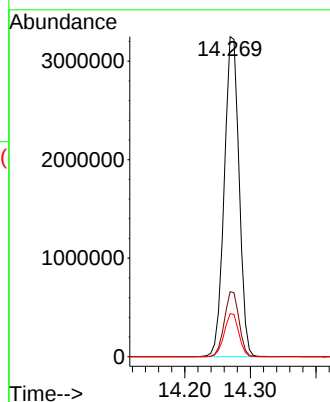
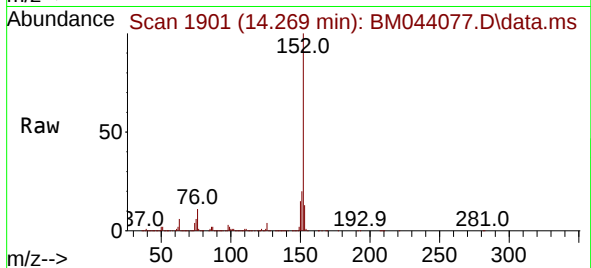
Tgt Ion:152 Resp: 5081332

Ion Ratio Lower Upper

152 100

151 20.3 15.8 23.6

153 13.5 10.5 15.7



#50

Dimethylphthalate

Concen: 42.767 ng

RT: 14.022 min Scan# 1859

Delta R.T. -0.005 min

Lab File: BM044077.D

Acq: 14 Feb 2024 11:45

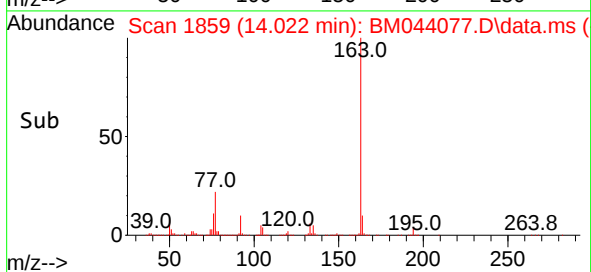
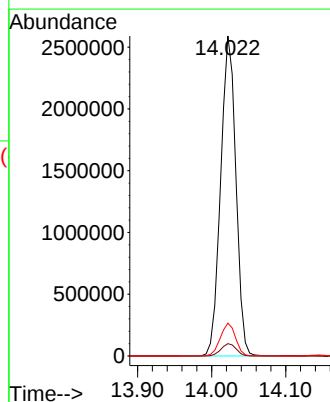
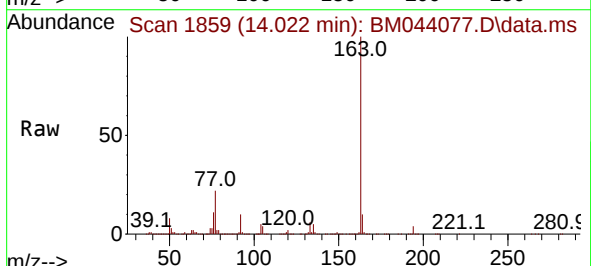
Tgt Ion:163 Resp: 3699687

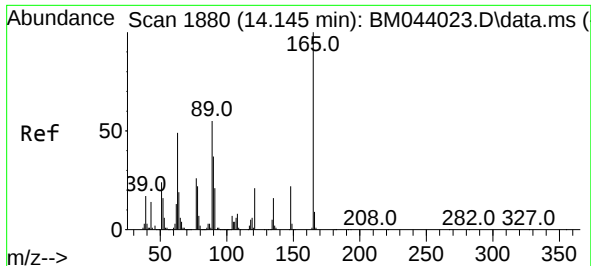
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.3 8.2 12.2

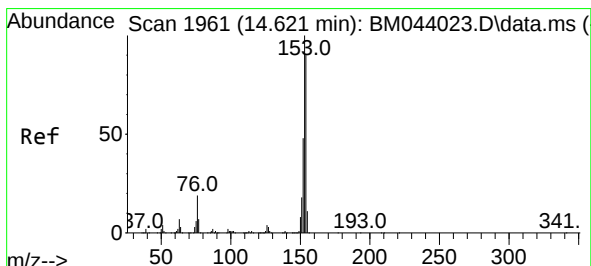
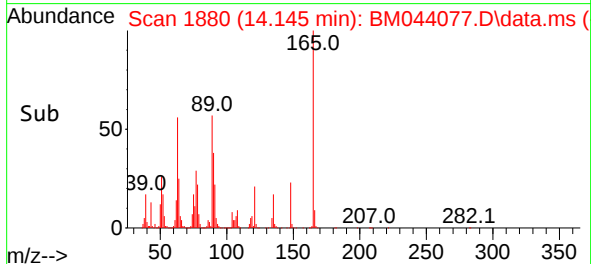
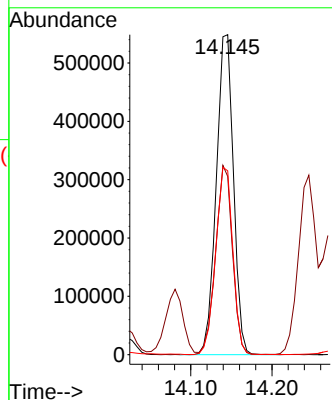
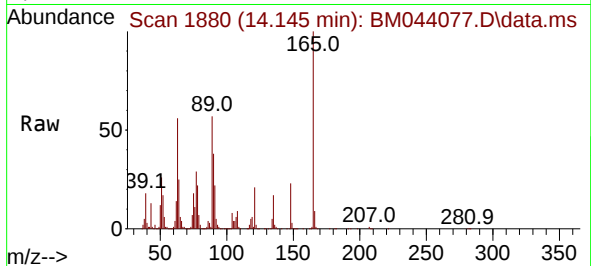




#51
2,6-Dinitrotoluene
Concen: 42.306 ng
RT: 14.145 min Scan# 1880
Delta R.T. 0.000 min
Lab File: BM044077.D
Acq: 14 Feb 2024 11:45

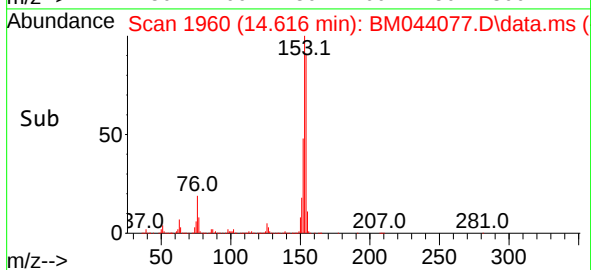
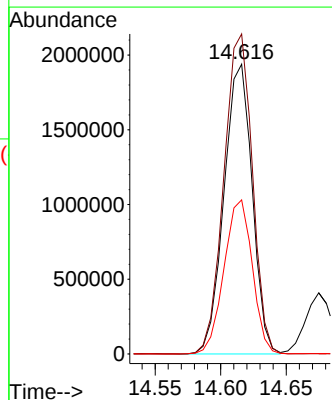
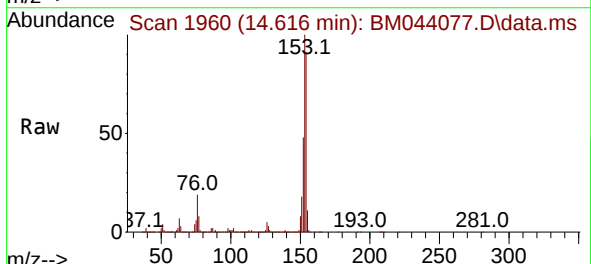
Instrument :
BNA_M
ClientSampleId :
PB158983BS

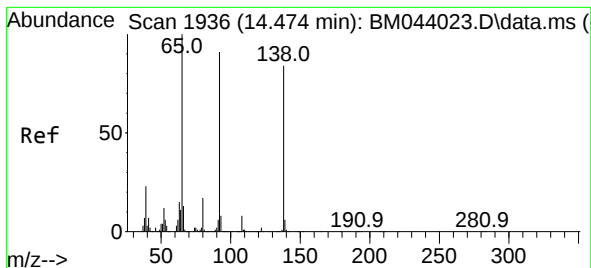
Tgt Ion:165 Resp: 807448
Ion Ratio Lower Upper
165 100
63 55.7 43.5 65.3
89 57.5 44.4 66.6



#52
Acenaphthene
Concen: 43.036 ng
RT: 14.616 min Scan# 1960
Delta R.T. -0.005 min
Lab File: BM044077.D
Acq: 14 Feb 2024 11:45

Tgt Ion:154 Resp: 2897962
Ion Ratio Lower Upper
154 100
153 110.4 89.3 133.9
152 53.2 43.0 64.6

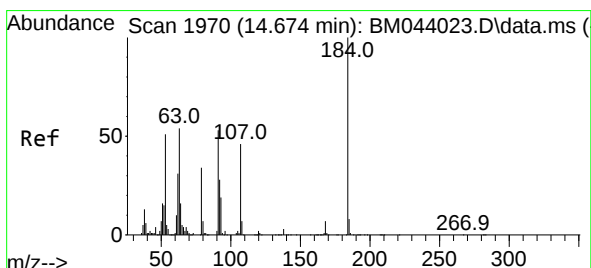
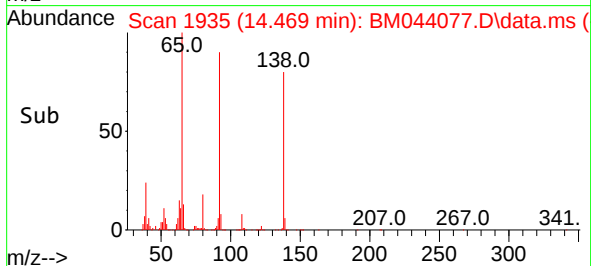
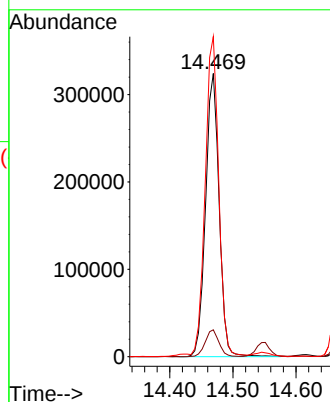
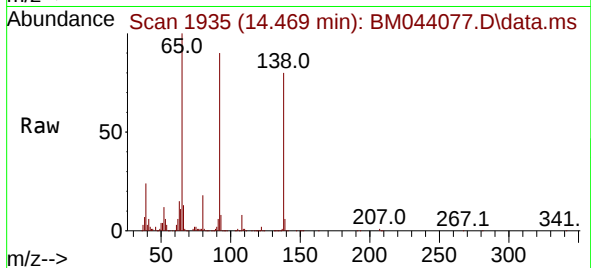




#53
3-Nitroaniline
Concen: 23.603 ng
RT: 14.469 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BM044077.D
Acq: 14 Feb 2024 11:45

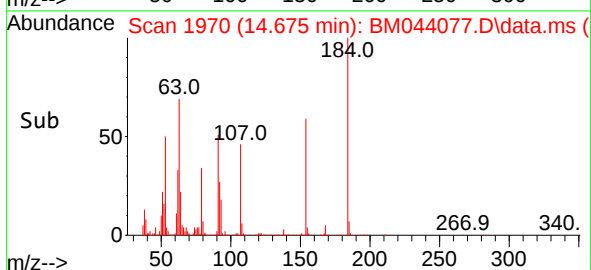
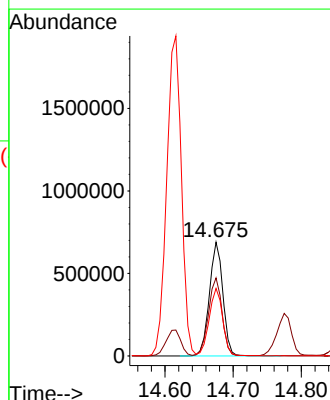
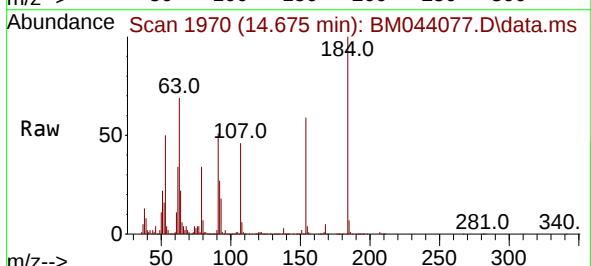
Instrument :
BNA_M
ClientSampleId :
PB158983BS

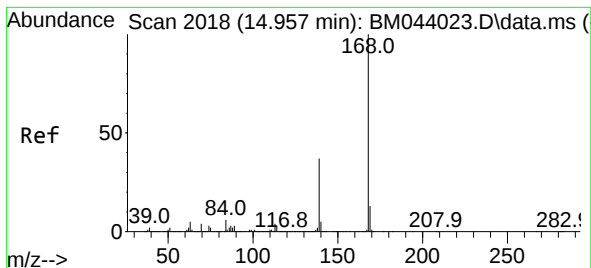
Tgt Ion:138 Resp: 484128
Ion Ratio Lower Upper
138 100
108 9.5 7.6 11.4
92 113.0 86.5 129.7



#54
2,4-Dinitrophenol
Concen: 82.765 ng
RT: 14.675 min Scan# 1970
Delta R.T. 0.001 min
Lab File: BM044077.D
Acq: 14 Feb 2024 11:45

Tgt Ion:184 Resp: 950688
Ion Ratio Lower Upper
184 100
63 68.6 55.4 83.2
154 59.4 49.2 73.8

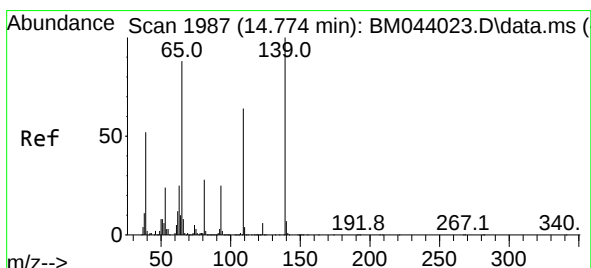
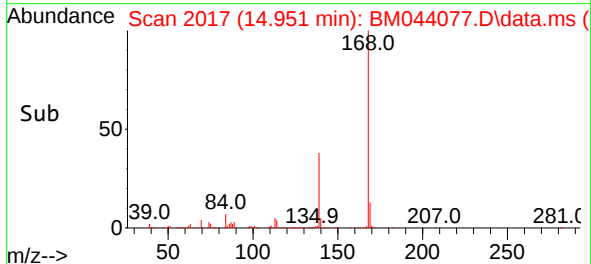
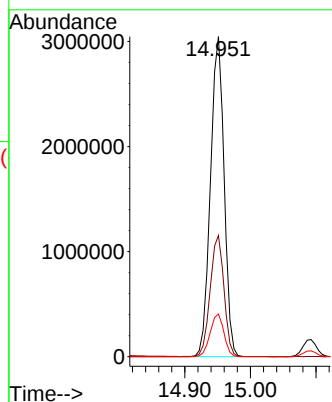
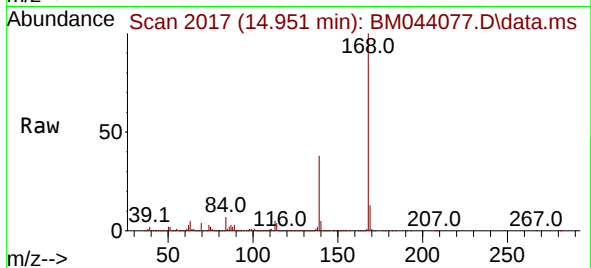




#55
Dibenzenofuran
Concen: 42.341 ng
RT: 14.951 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM044077.D
Acq: 14 Feb 2024 11:45

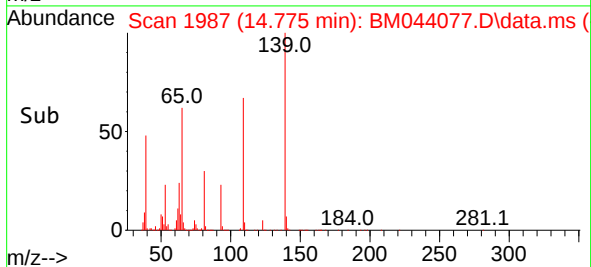
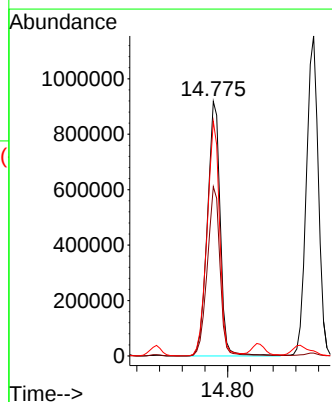
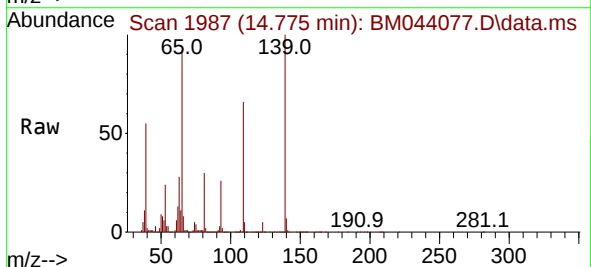
Instrument :
BNA_M
ClientSampleId :
PB158983BS

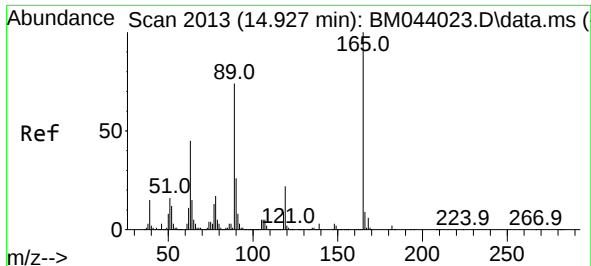
Tgt Ion:168 Resp: 4412892
Ion Ratio Lower Upper
168 100
139 37.9 29.6 44.4
169 13.3 10.5 15.7



#56
4-Nitrophenol
Concen: 86.098 ng
RT: 14.775 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BM044077.D
Acq: 14 Feb 2024 11:45

Tgt Ion:139 Resp: 1435615
Ion Ratio Lower Upper
139 100
109 66.5 43.8 83.8
65 92.1 67.7 107.7

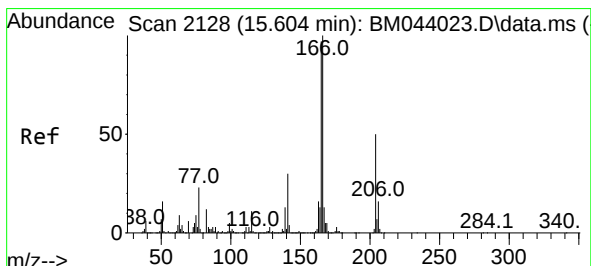
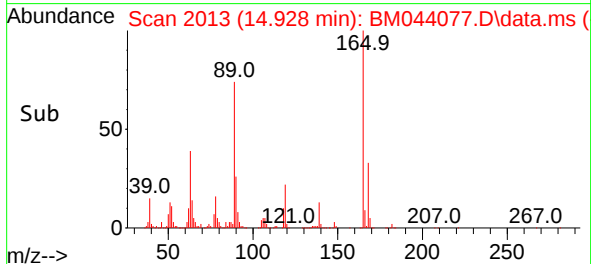
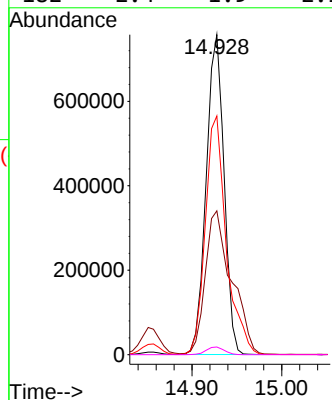
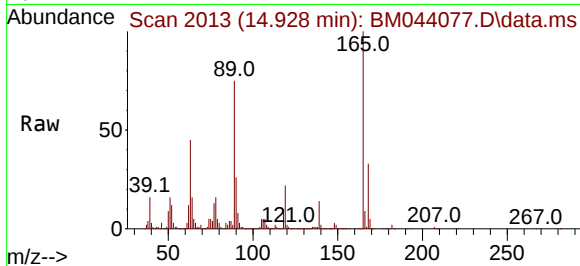




#57
2,4-Dinitrotoluene
Concen: 41.891 ng
RT: 14.928 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BM044077.D
Acq: 14 Feb 2024 11:45

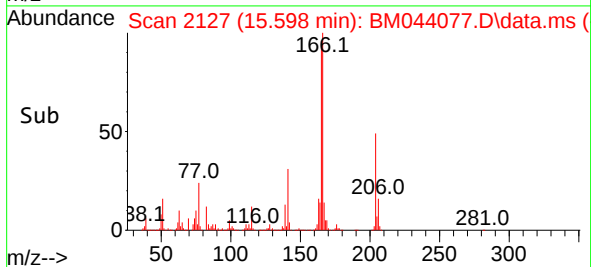
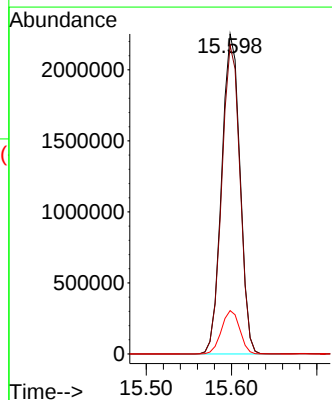
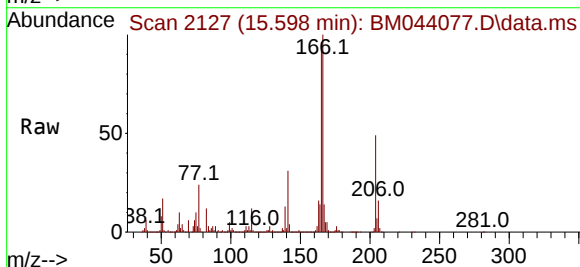
Instrument :
BNA_M
ClientSampleId :
PB158983BS

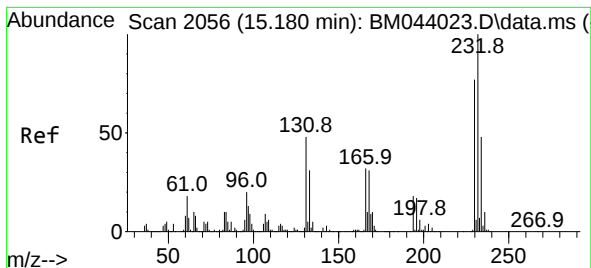
Tgt Ion:165 Resp: 1044979
Ion Ratio Lower Upper
165 100
63 45.0 35.9 53.9
89 74.6 58.9 88.3
182 2.4 1.9 2.9



#58
Fluorene
Concen: 41.649 ng
RT: 15.598 min Scan# 2127
Delta R.T. -0.005 min
Lab File: BM044077.D
Acq: 14 Feb 2024 11:45

Tgt Ion:166 Resp: 3354263
Ion Ratio Lower Upper
166 100
165 96.4 77.7 116.5
167 13.6 10.7 16.1

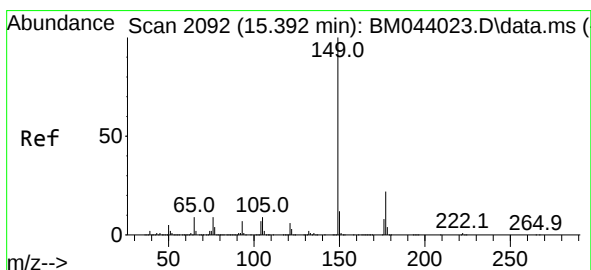
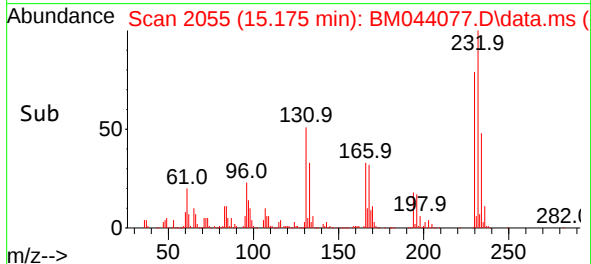
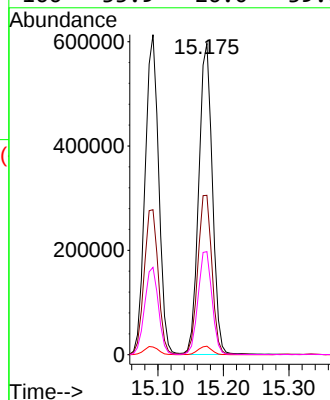
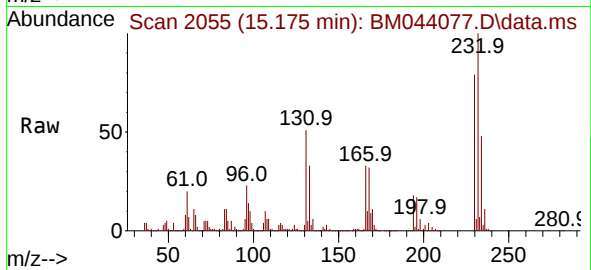




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.365 ng
RT: 15.175 min Scan# 2055
Delta R.T. -0.005 min
Lab File: BM044077.D
Acq: 14 Feb 2024 11:45

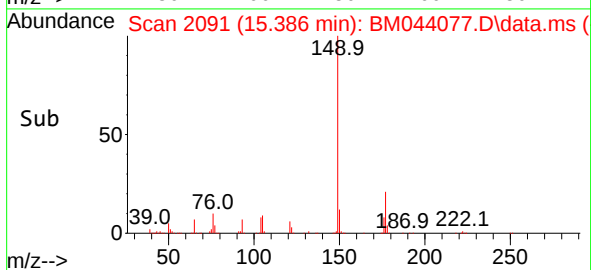
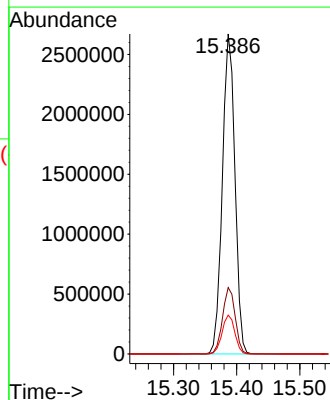
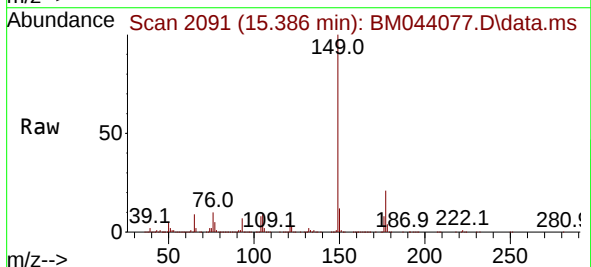
Instrument :
BNA_M
ClientSampleId :
PB158983BS

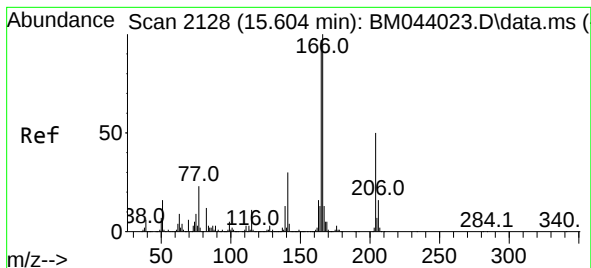
Tgt Ion:232 Resp: 861845
Ion Ratio Lower Upper
232 100
131 52.7 39.5 59.3
130 2.8 2.0 3.0
166 33.9 26.0 39.0



#60
Diethylphthalate
Concen: 41.351 ng
RT: 15.386 min Scan# 2091
Delta R.T. -0.005 min
Lab File: BM044077.D
Acq: 14 Feb 2024 11:45

Tgt Ion:149 Resp: 3696980
Ion Ratio Lower Upper
149 100
177 20.7 17.5 26.3
150 12.1 9.8 14.6

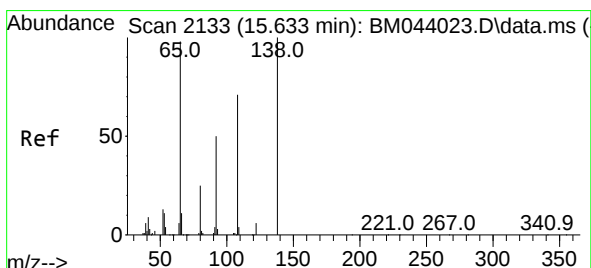
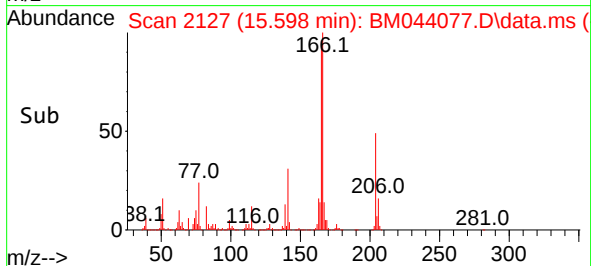
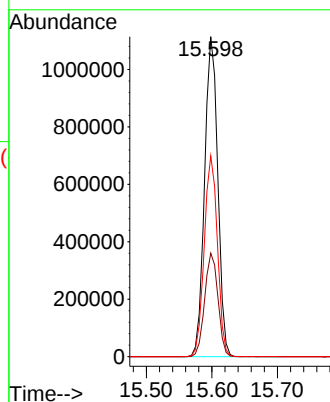
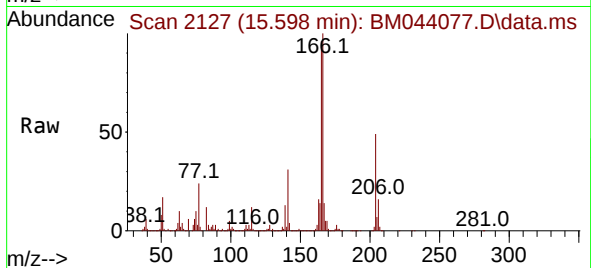




#61
4-Chlorophenyl-phenylether
Concen: 40.051 ng
RT: 15.598 min Scan# 2127
Delta R.T. -0.005 min
Lab File: BM044077.D
Acq: 14 Feb 2024 11:45

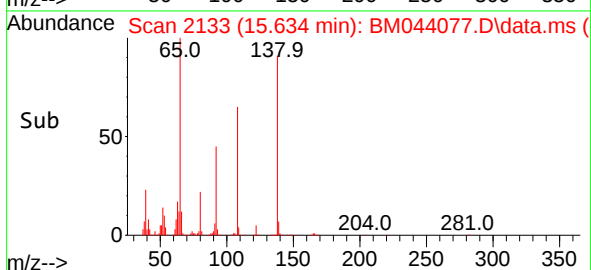
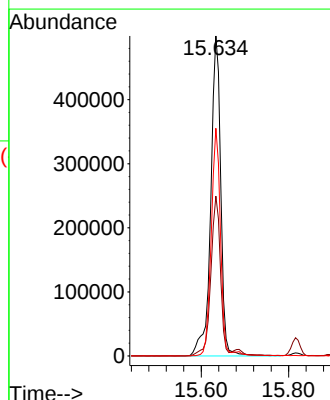
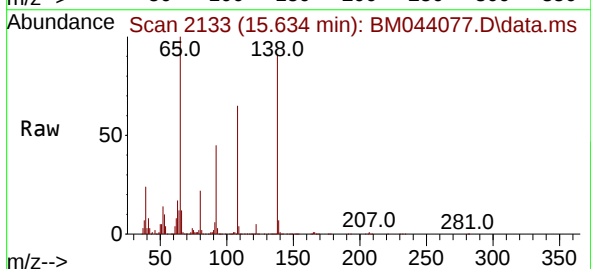
Instrument :
BNA_M
ClientSampleId :
PB158983BS

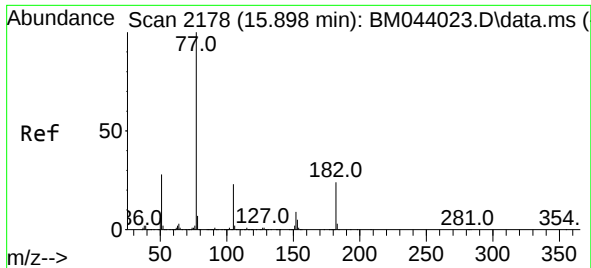
Tgt Ion:204 Resp: 1562952
Ion Ratio Lower Upper
204 100
206 32.3 26.3 39.5
141 62.7 47.7 71.5



#62
4-Nitroaniline
Concen: 38.827 ng
RT: 15.634 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BM044077.D
Acq: 14 Feb 2024 11:45

Tgt Ion:138 Resp: 801673
Ion Ratio Lower Upper
138 100
92 49.9 29.6 69.6
108 71.1 47.8 87.8

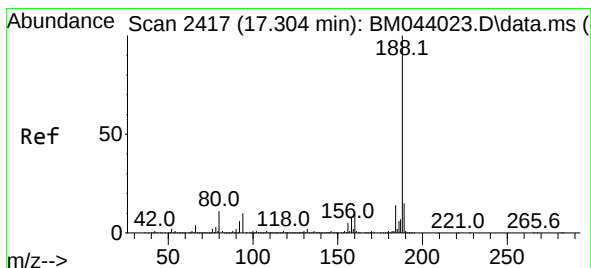
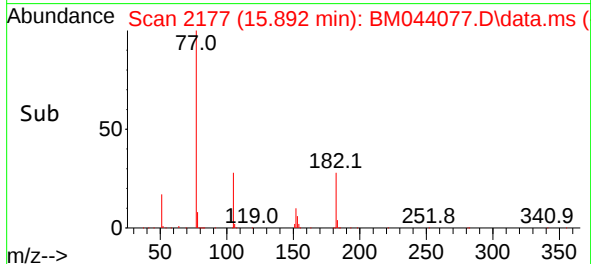
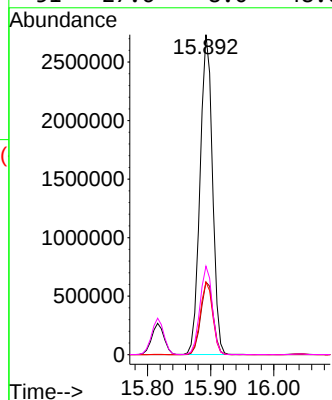
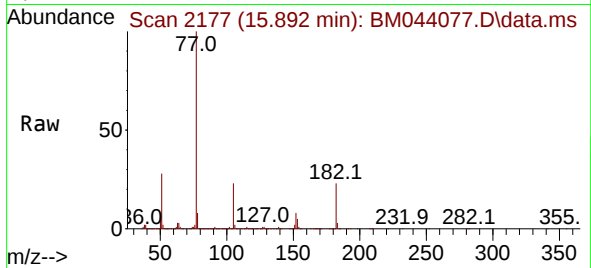




#63
Azobenzene
Concen: 44.485 ng
RT: 15.892 min Scan# 2177
Delta R.T. -0.005 min
Lab File: BM044077.D
Acq: 14 Feb 2024 11:45

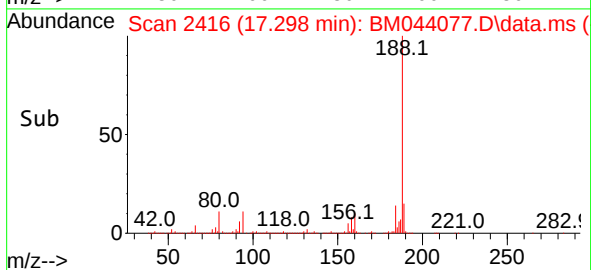
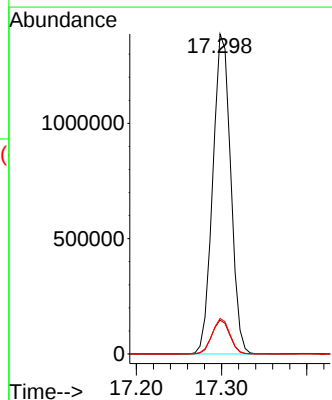
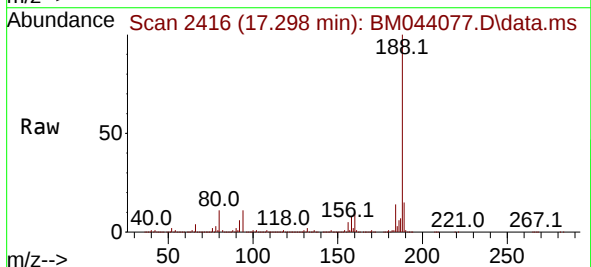
Instrument :
BNA_M
ClientSampleId :
PB158983BS

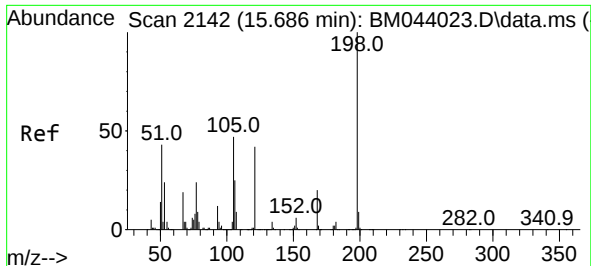
Tgt Ion: 77 Resp: 3731416
Ion Ratio Lower Upper
77 100
182 22.7 4.0 44.0
105 22.6 3.3 43.3
51 27.6 8.0 48.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.005 min
Lab File: BM044077.D
Acq: 14 Feb 2024 11:45

Tgt Ion:188 Resp: 2026083
Ion Ratio Lower Upper
188 100
94 10.6 8.2 12.2
80 11.1 8.8 13.2

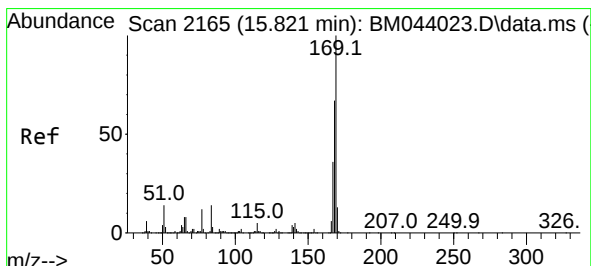
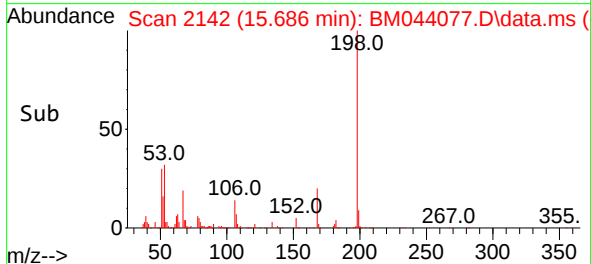
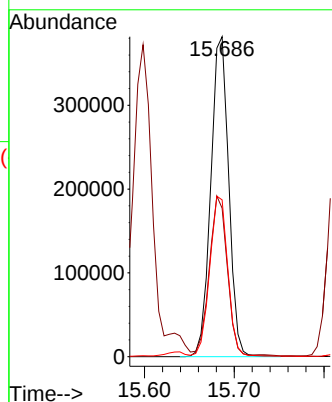
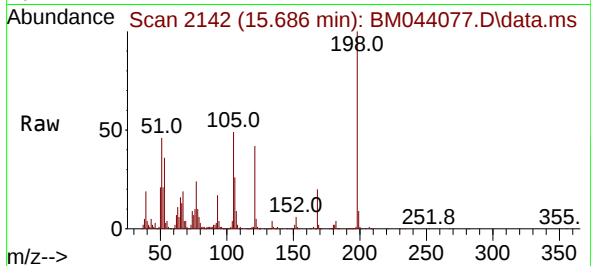




#65
4,6-Dinitro-2-methylphenol
Concen: 43.862 ng
RT: 15.686 min Scan# 2142
Delta R.T. 0.000 min
Lab File: BM044077.D
Acq: 14 Feb 2024 11:45

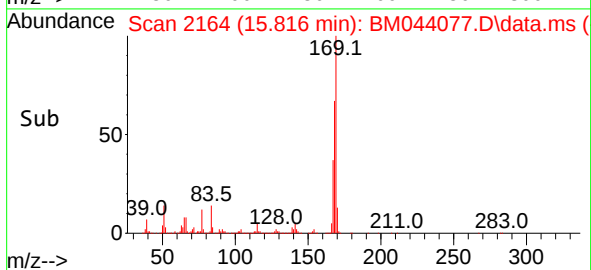
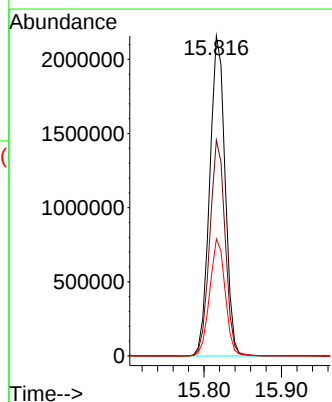
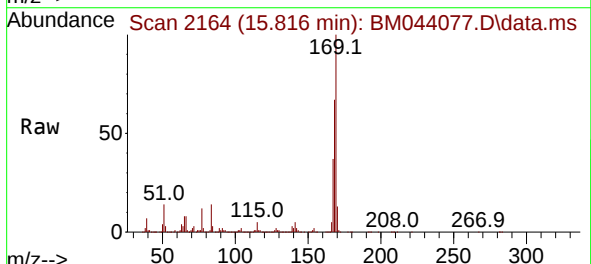
Instrument :
BNA_M
ClientSampleId :
PB158983BS

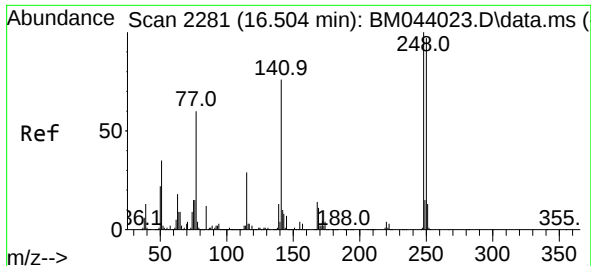
Tgt Ion:198 Resp: 529560
Ion Ratio Lower Upper
198 100
51 46.4 29.9 69.9
105 49.0 28.7 68.7



#66
n-Nitrosodiphenylamine
Concen: 48.351 ng
RT: 15.816 min Scan# 2164
Delta R.T. -0.005 min
Lab File: BM044077.D
Acq: 14 Feb 2024 11:45

Tgt Ion:169 Resp: 2976221
Ion Ratio Lower Upper
169 100
168 67.5 53.8 80.8
167 36.6 29.2 43.8

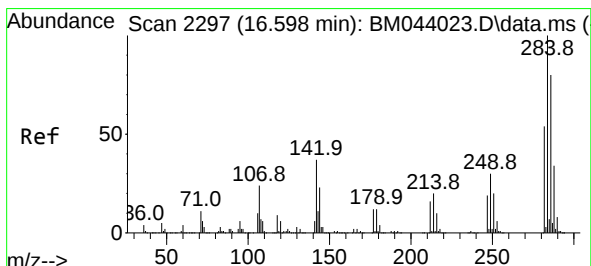
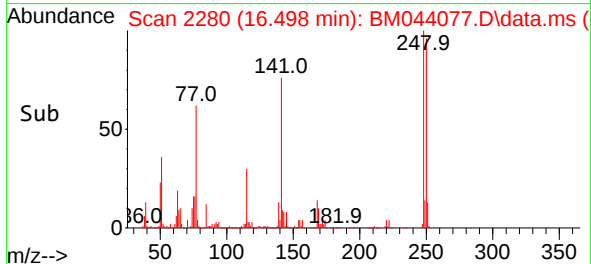
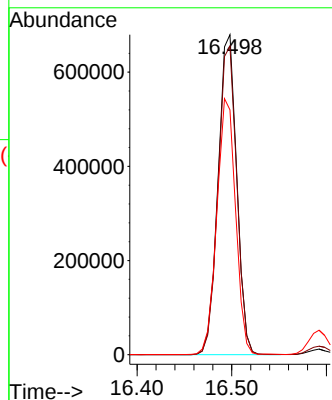
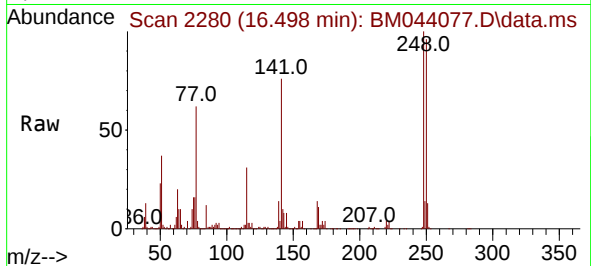




#67
4-Bromophenyl-phenylether
Concen: 46.472 ng
RT: 16.498 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM044077.D
Acq: 14 Feb 2024 11:45

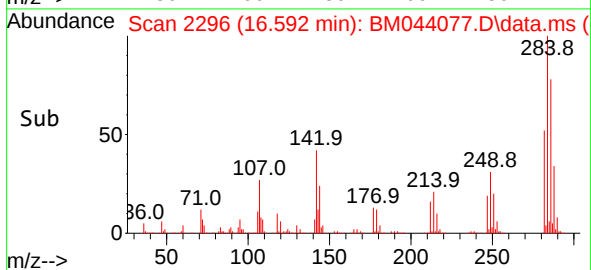
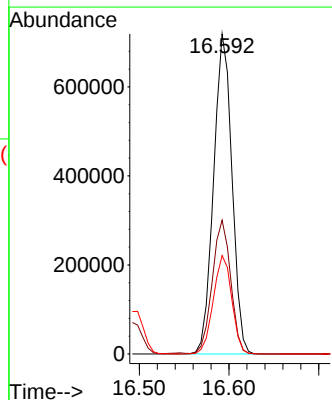
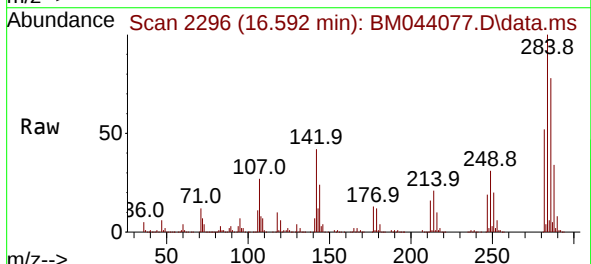
Instrument :
BNA_M
ClientSampleId :
PB158983BS

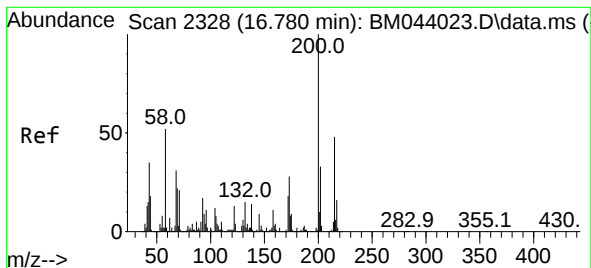
Tgt Ion:248 Resp: 930918
Ion Ratio Lower Upper
248 100
250 96.4 77.4 116.2
141 76.5 61.0 91.6



#68
Hexachlorobenzene
Concen: 41.594 ng
RT: 16.592 min Scan# 2296
Delta R.T. -0.005 min
Lab File: BM044077.D
Acq: 14 Feb 2024 11:45

Tgt Ion:284 Resp: 1020657
Ion Ratio Lower Upper
284 100
142 41.8 30.0 45.0
249 30.8 24.1 36.1





#69

Atrazine

Concen: 54.899 ng

RT: 16.781 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM044077.D

Acq: 14 Feb 2024 11:45

Instrument :

BNA_M

ClientSampleId :

PB158983BS

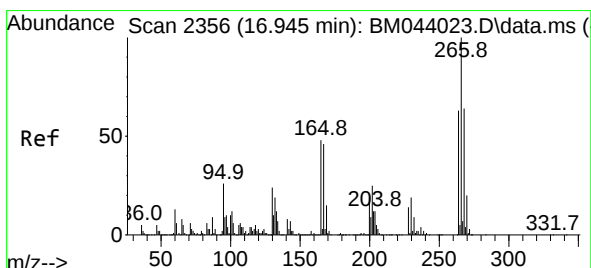
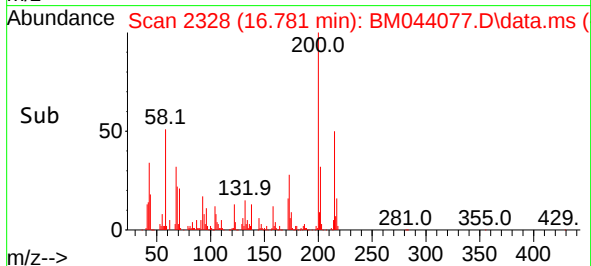
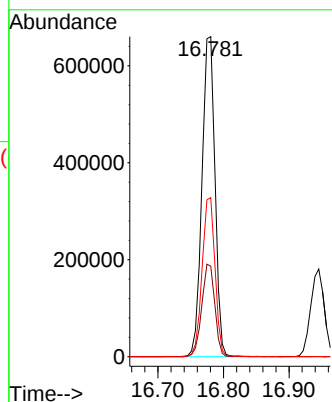
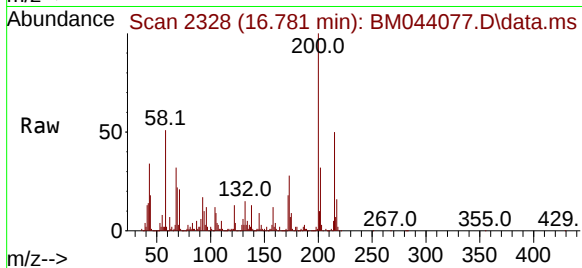
Tgt Ion:200 Resp: 915028

Ion Ratio Lower Upper

200 100

173 28.3 7.9 47.9

215 49.7 27.9 67.9



#70

Pentachlorophenol

Concen: 81.278 ng

RT: 16.945 min Scan# 2356

Delta R.T. 0.000 min

Lab File: BM044077.D

Acq: 14 Feb 2024 11:45

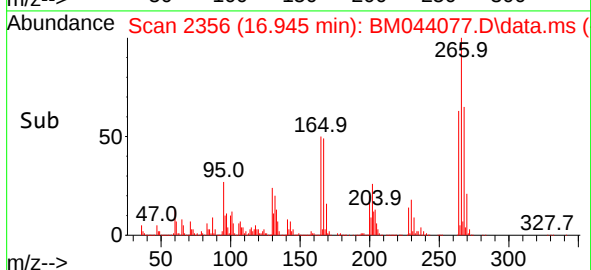
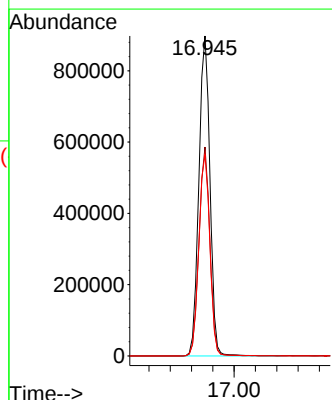
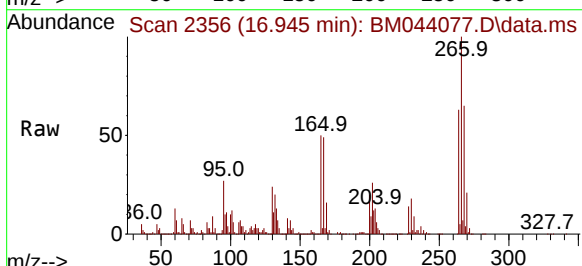
Tgt Ion:266 Resp: 1297431

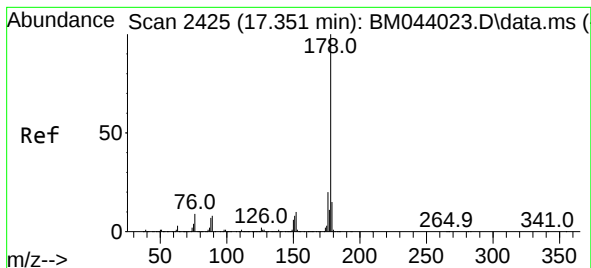
Ion Ratio Lower Upper

266 100

268 65.3 51.1 76.7

264 62.9 50.5 75.7





#71

Phenanthrene

Concen: 45.441 ng

RT: 17.345 min Scan# 2425

Delta R.T. -0.005 min

Lab File: BM044077.D

Acq: 14 Feb 2024 11:45

Instrument :

BNA_M

ClientSampleId :

PB158983BS

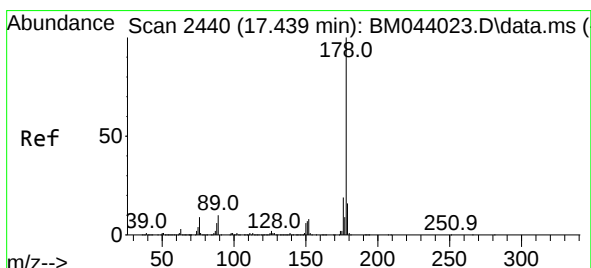
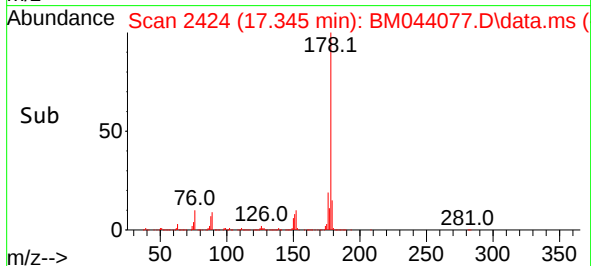
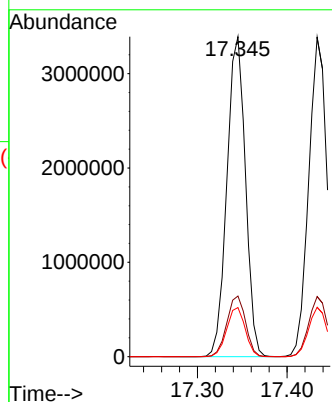
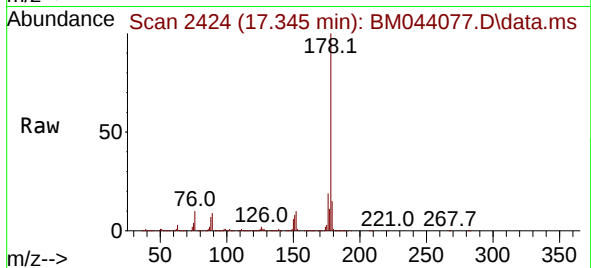
Tgt Ion:178 Resp: 4861688

Ion Ratio Lower Upper

178 100

176 19.0 15.6 23.4

179 15.3 12.2 18.4



#72

Anthracene

Concen: 45.883 ng

RT: 17.433 min Scan# 2439

Delta R.T. -0.005 min

Lab File: BM044077.D

Acq: 14 Feb 2024 11:45

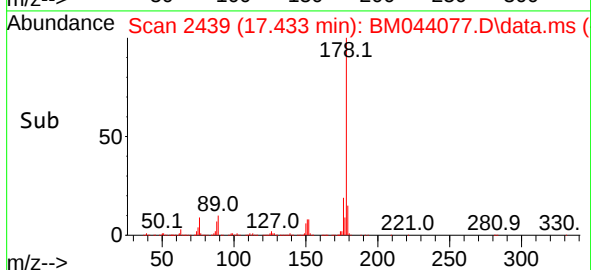
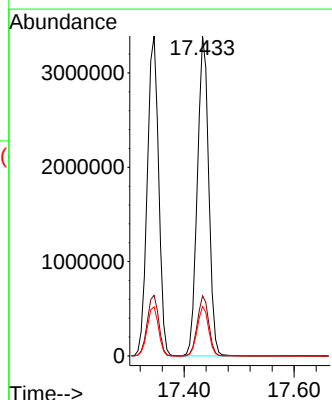
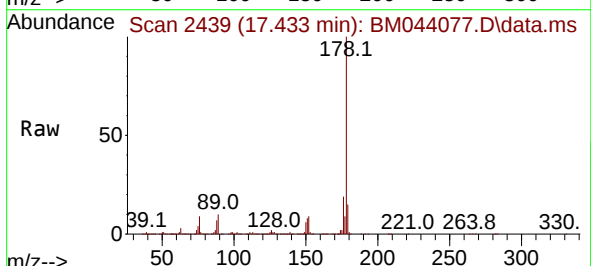
Tgt Ion:178 Resp: 4859968

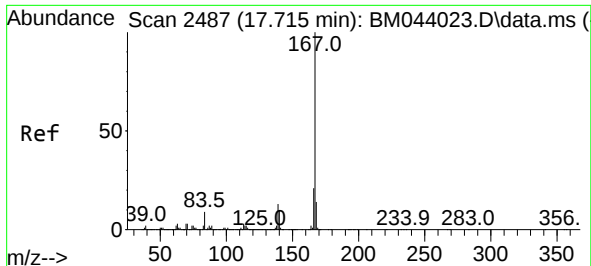
Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

179 15.5 12.4 18.6



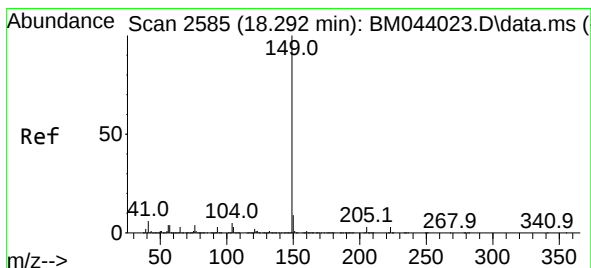
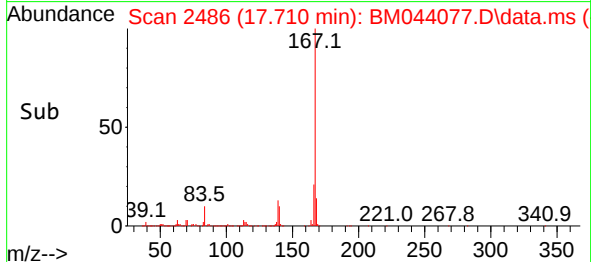
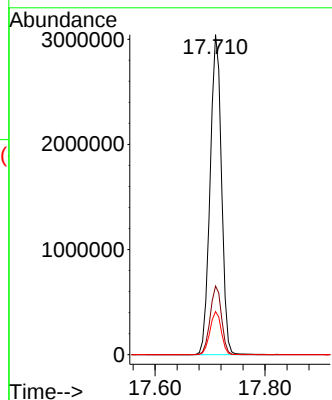
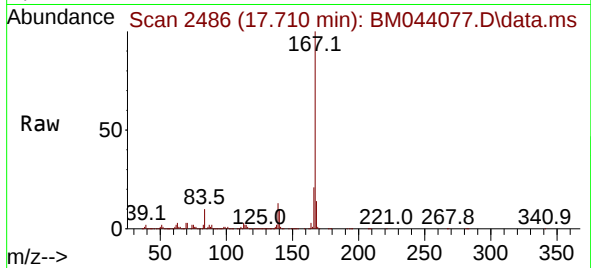


#73
 Carbazole
 Concen: 42.347 ng
 RT: 17.710 min Scan# 2487
 Delta R.T. -0.005 min
 Lab File: BM044077.D
 Acq: 14 Feb 2024 11:45

Instrument :
 BNA_M
 ClientSampleId :
 PB158983BS

Tgt Ion:167 Resp: 4362117

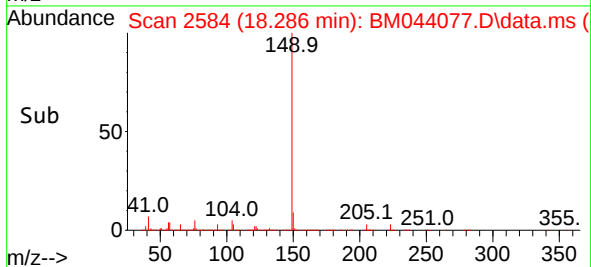
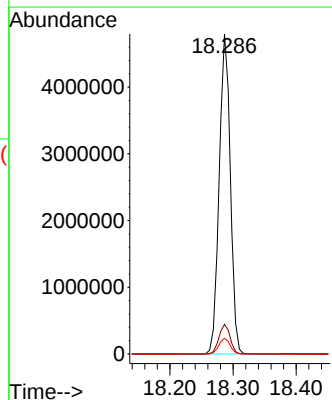
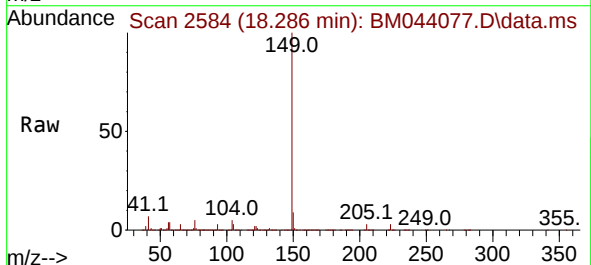
Ion	Ratio	Lower	Upper
167	100		
166	21.5	16.8	25.2
139	13.4	10.4	15.6

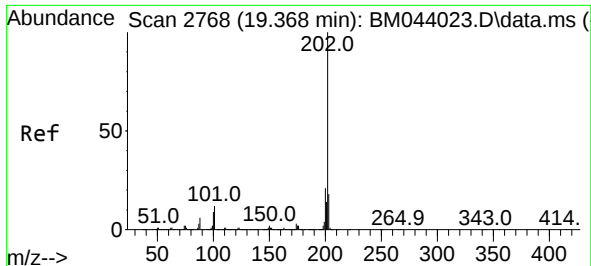


#74
 Di-n-butylphthalate
 Concen: 43.842 ng
 RT: 18.286 min Scan# 2584
 Delta R.T. -0.005 min
 Lab File: BM044077.D
 Acq: 14 Feb 2024 11:45

Tgt Ion:149 Resp: 5870142

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.2
104	4.9	3.8	5.6

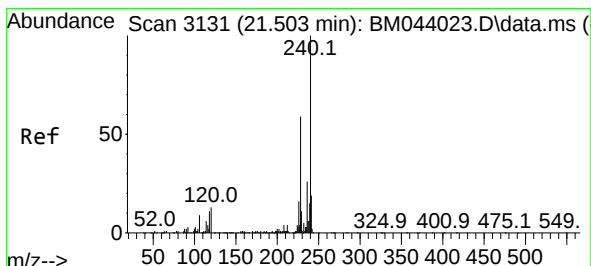
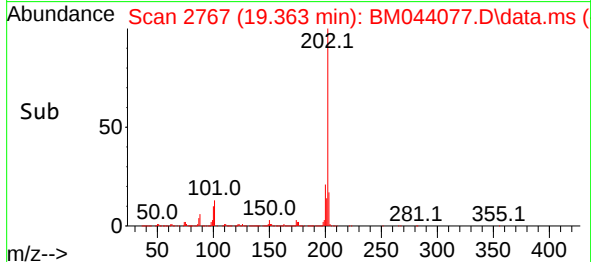
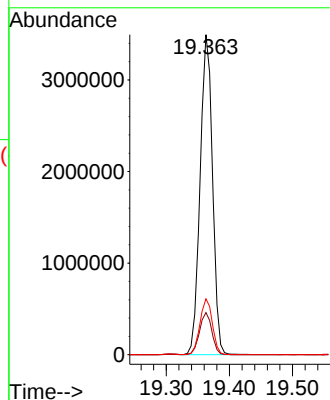
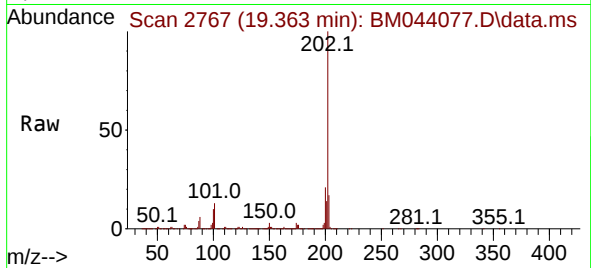




#75
Fluoranthene
Concen: 39.557 ng
RT: 19.363 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM044077.D
Acq: 14 Feb 2024 11:45

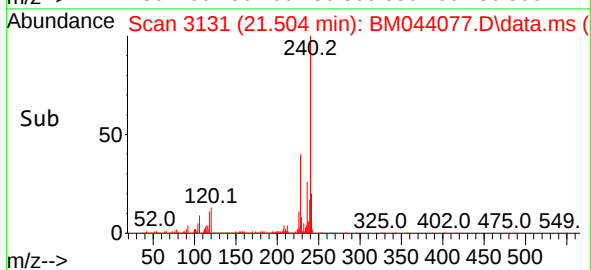
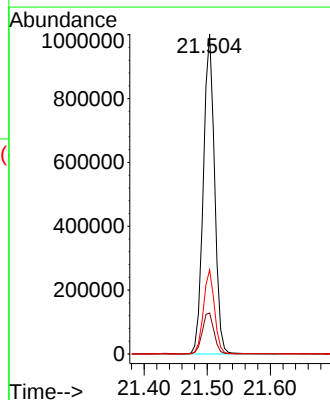
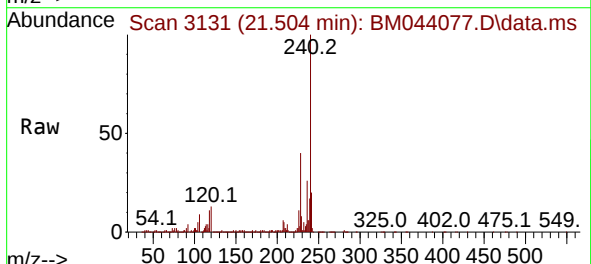
Instrument :
BNA_M
ClientSampleId :
PB158983BS

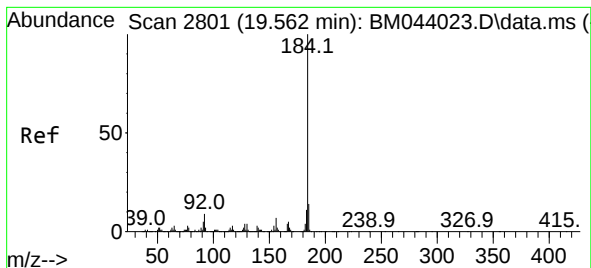
Tgt Ion:202 Resp: 4754010
Ion Ratio Lower Upper
202 100
101 13.2 0.0 32.4
203 17.4 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.504 min Scan# 3131
Delta R.T. 0.000 min
Lab File: BM044077.D
Acq: 14 Feb 2024 11:45

Tgt Ion:240 Resp: 1237835
Ion Ratio Lower Upper
240 100
120 12.8 10.1 15.1
236 26.3 20.6 31.0





#77

Benzidine

Concen: 46.493 ng

RT: 19.557 min Scan# 2801

Delta R.T. -0.005 min

Lab File: BM044077.D

Acq: 14 Feb 2024 11:45

Instrument :

BNA_M

ClientSampleId :

PB158983BS

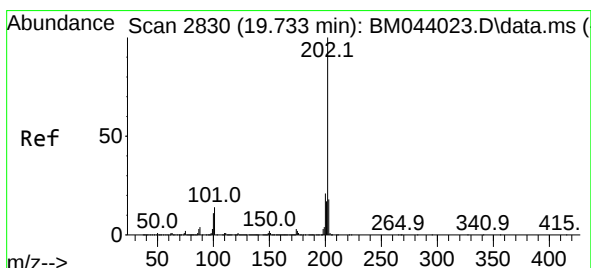
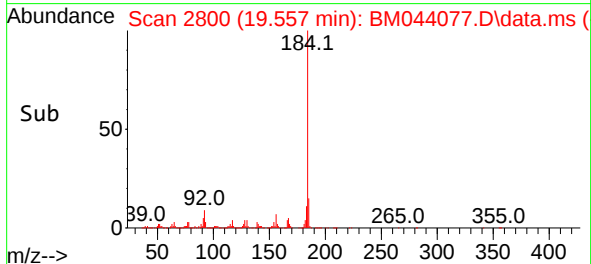
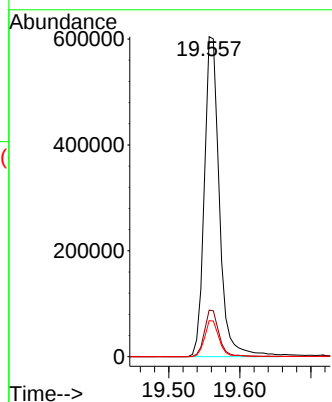
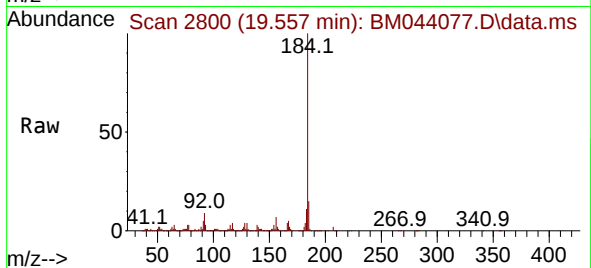
Tgt Ion:184 Resp: 894364

Ion Ratio Lower Upper

184 100

185 14.5 11.0 16.6

183 11.3 9.0 13.4



#78

Pyrene

Concen: 50.971 ng

RT: 19.727 min Scan# 2829

Delta R.T. -0.005 min

Lab File: BM044077.D

Acq: 14 Feb 2024 11:45

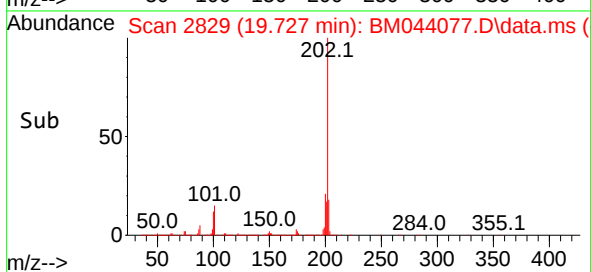
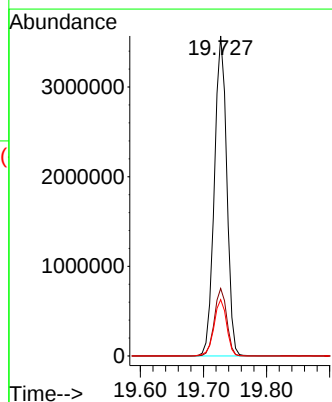
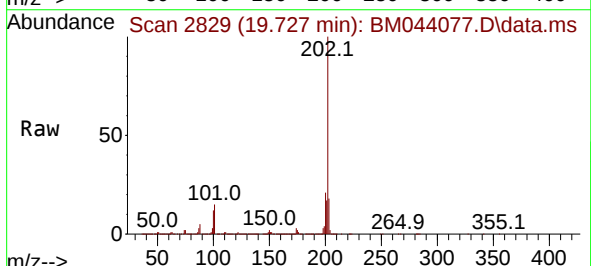
Tgt Ion:202 Resp: 4859177

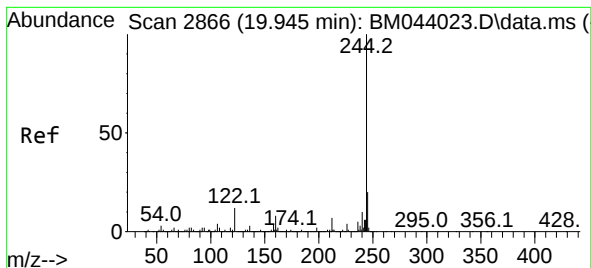
Ion Ratio Lower Upper

202 100

200 21.1 16.8 25.2

203 17.6 14.0 21.0





#79

Terphenyl-d14

Concen: 98.657 ng

RT: 19.939 min Scan# 2

Delta R.T. -0.005 min

Lab File: BM044077.D

Acq: 14 Feb 2024 11:45

Instrument :

BNA_M

ClientSampleId :

PB158983BS

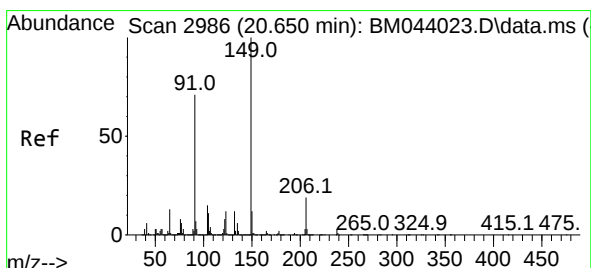
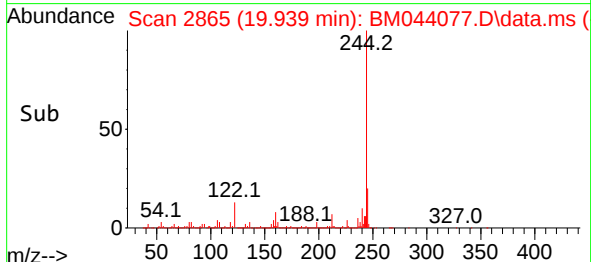
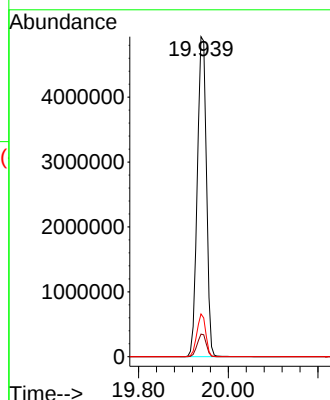
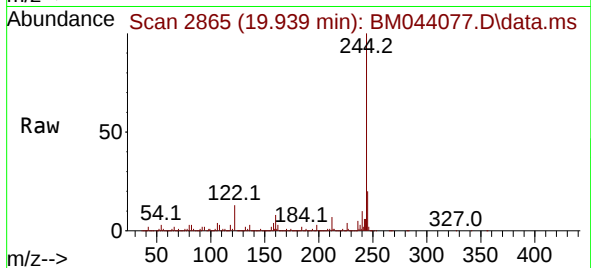
Tgt Ion:244 Resp: 6966262

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

122 13.3 9.5 14.3



#80

Butylbenzylphthalate

Concen: 52.069 ng

RT: 20.651 min Scan# 2986

Delta R.T. 0.000 min

Lab File: BM044077.D

Acq: 14 Feb 2024 11:45

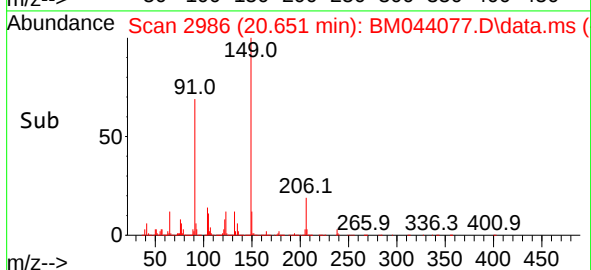
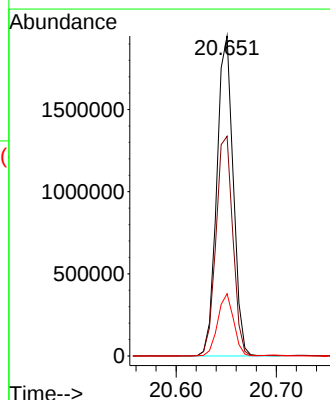
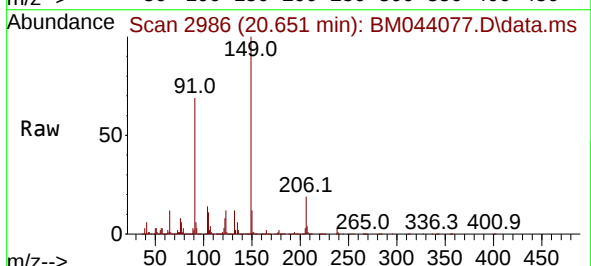
Tgt Ion:149 Resp: 2206474

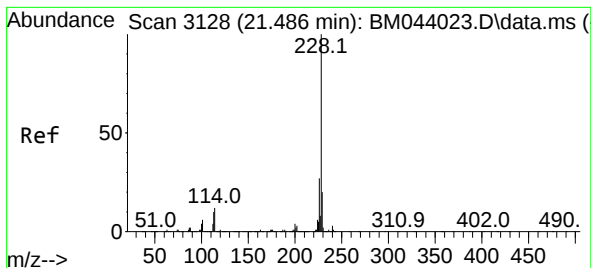
Ion Ratio Lower Upper

149 100

91 68.6 56.8 85.2

206 19.4 15.0 22.6





#81

Benzo(a)anthracene

Concen: 46.439 ng

RT: 21.486 min Scan# 3128

Delta R.T. 0.000 min

Lab File: BM044077.D

Acq: 14 Feb 2024 11:45

Instrument :

BNA_M

ClientSampleId :

PB158983BS

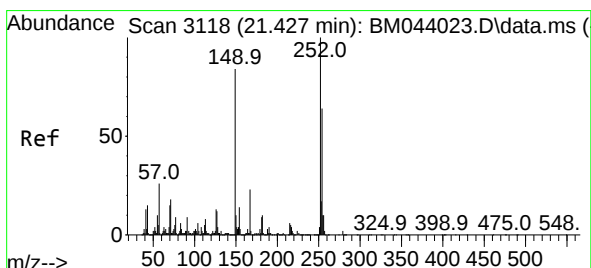
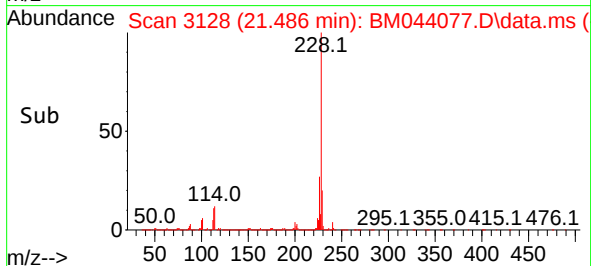
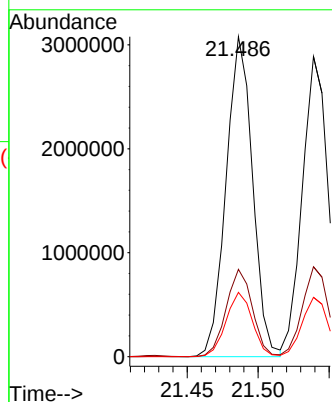
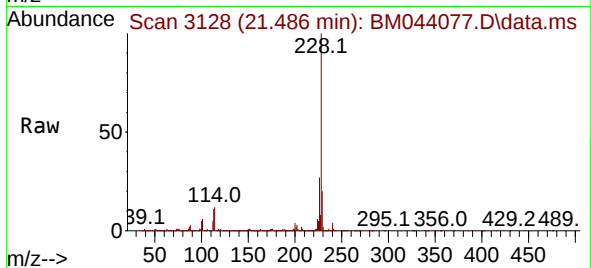
Tgt Ion:228 Resp: 3998537

Ion Ratio Lower Upper

228 100

226 27.3 21.4 32.2

229 20.1 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 31.128 ng

RT: 21.427 min Scan# 3118

Delta R.T. 0.000 min

Lab File: BM044077.D

Acq: 14 Feb 2024 11:45

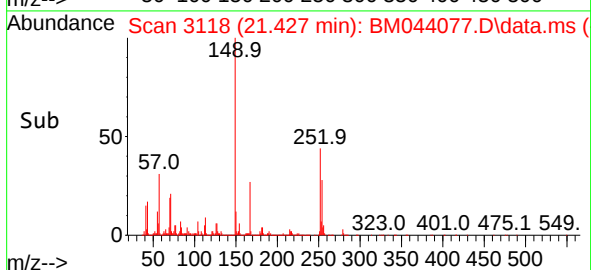
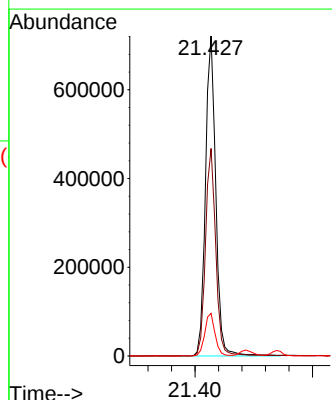
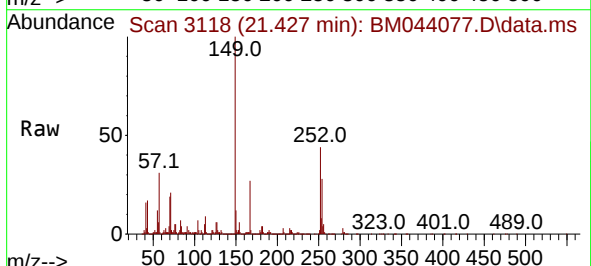
Tgt Ion:252 Resp: 879402

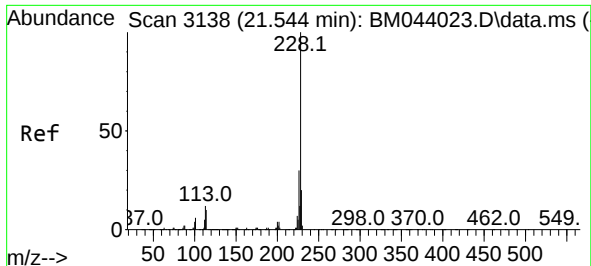
Ion Ratio Lower Upper

252 100

254 64.9 51.2 76.8

126 13.3 10.2 15.4

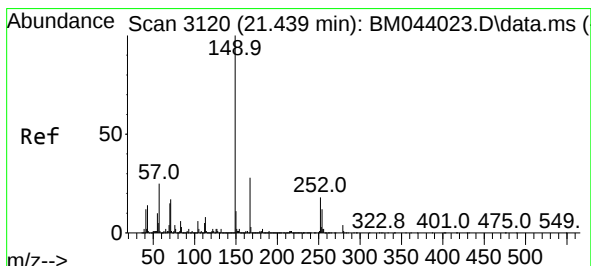
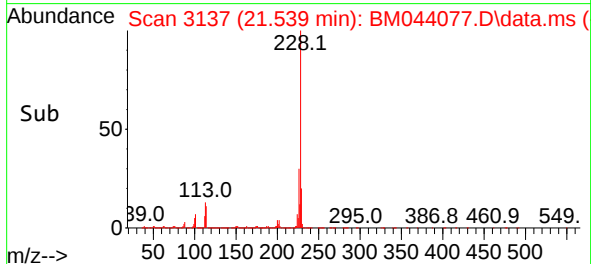
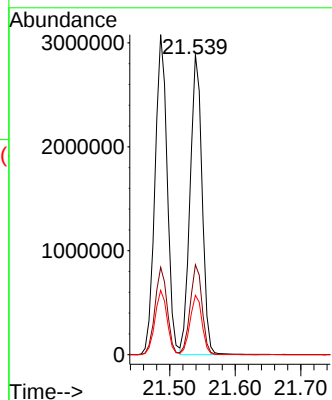
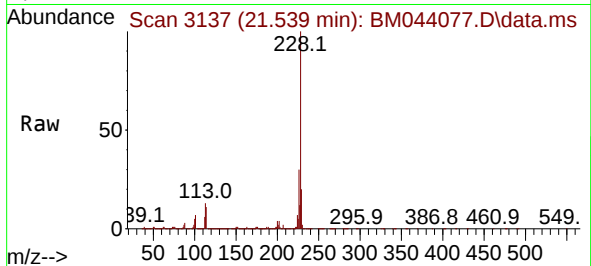




#83
Chrysene
Concen: 44.885 ng
RT: 21.539 min Scan# 3119
Delta R.T. -0.005 min
Lab File: BM044077.D
Acq: 14 Feb 2024 11:45

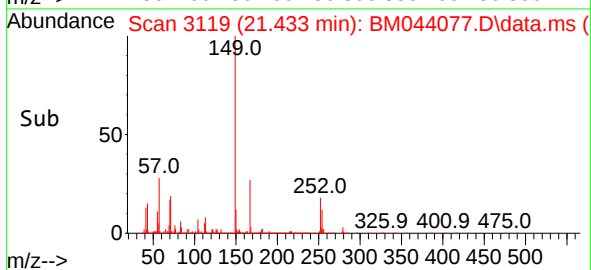
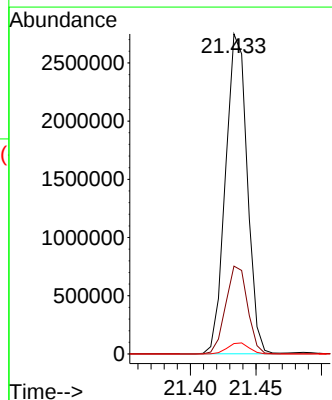
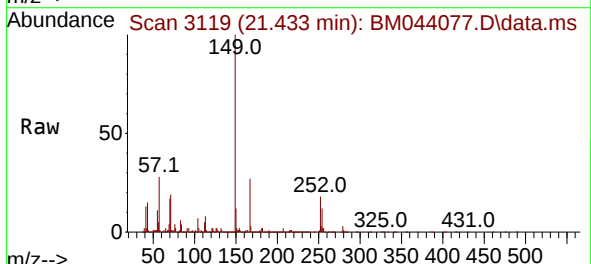
Instrument :
BNA_M
ClientSampleId :
PB158983BS

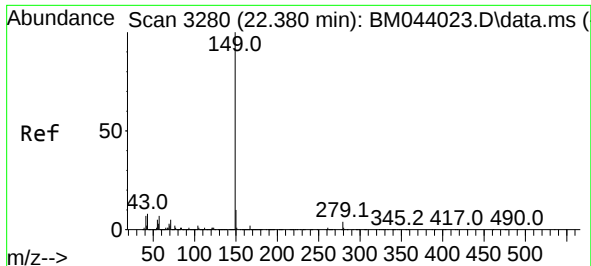
Tgt Ion:228 Resp: 3651240
Ion Ratio Lower Upper
228 100
226 30.0 24.2 36.2
229 19.8 15.8 23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 50.521 ng
RT: 21.433 min Scan# 3119
Delta R.T. -0.005 min
Lab File: BM044077.D
Acq: 14 Feb 2024 11:45

Tgt Ion:149 Resp: 3158763
Ion Ratio Lower Upper
149 100
167 27.5 22.6 33.8
279 3.3 3.1 4.7

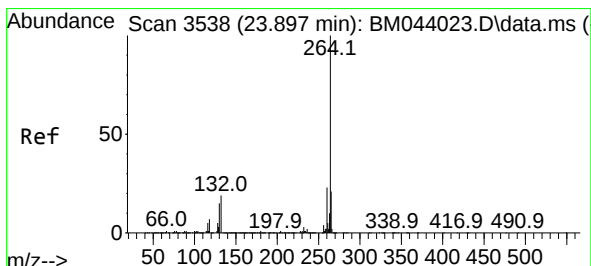
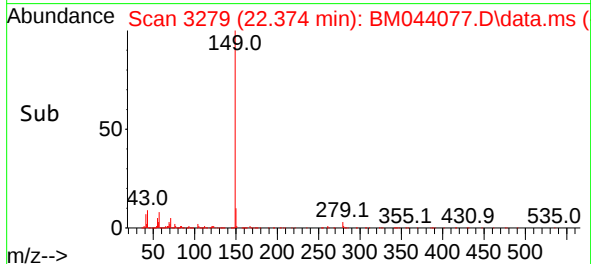
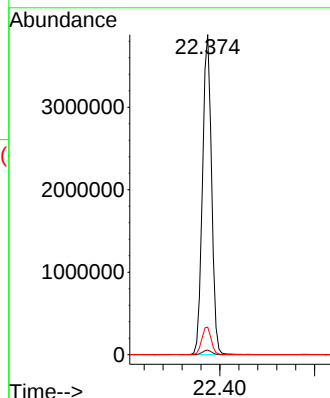
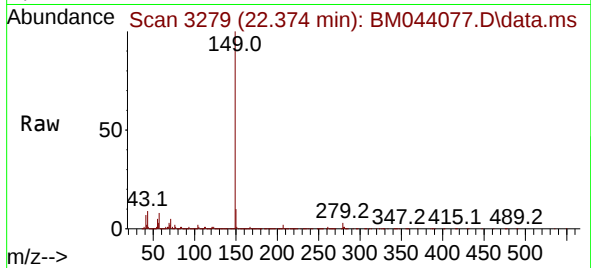




#85
Di-n-octyl phthalate
Concen: 47.190 ng
RT: 22.374 min Scan# 31
Delta R.T. -0.005 min
Lab File: BM044077.D
Acq: 14 Feb 2024 11:45

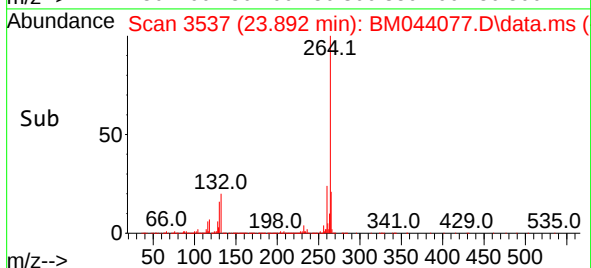
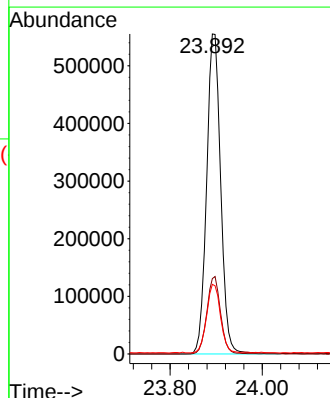
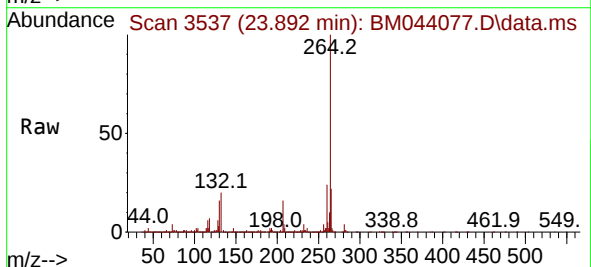
Instrument :
BNA_M
ClientSampleId :
PB158983BS

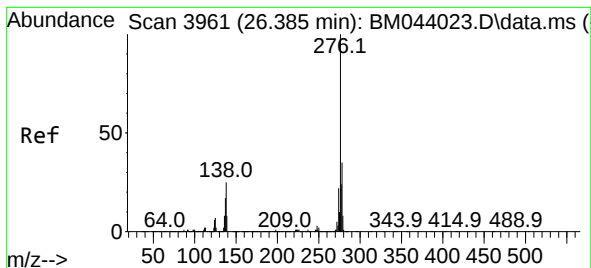
Tgt Ion:149 Resp: 5152916
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.9 7.0 10.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.892 min Scan# 3537
Delta R.T. -0.005 min
Lab File: BM044077.D
Acq: 14 Feb 2024 11:45

Tgt Ion:264 Resp: 1179790
Ion Ratio Lower Upper
264 100
260 23.5 18.8 28.2
265 21.8 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.121 ng

RT: 26.386 min Scan# 3961

Delta R.T. 0.000 min

Lab File: BM044077.D

Acq: 14 Feb 2024 11:45

Instrument :

BNA_M

ClientSampleId :

PB158983BS

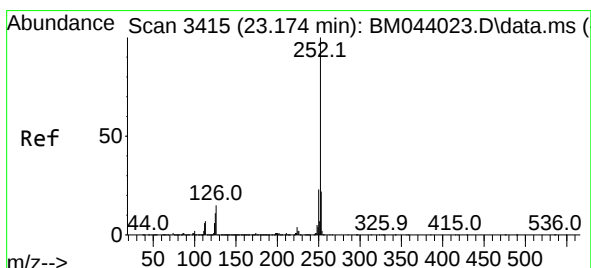
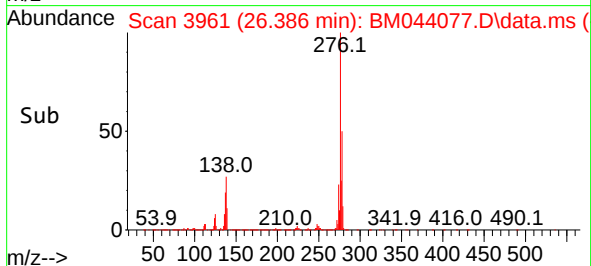
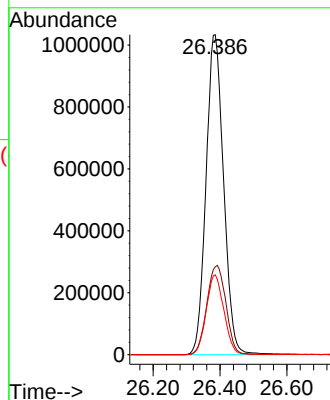
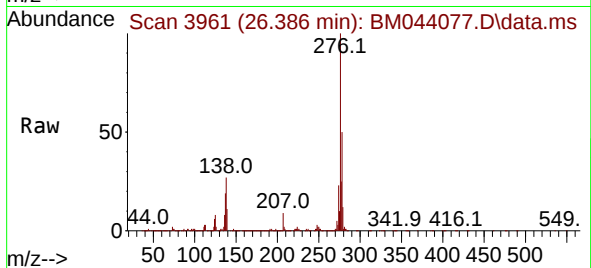
Tgt Ion:276 Resp: 3767709

Ion Ratio Lower Upper

276 100

138 30.4 22.6 34.0

277 25.1 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 47.004 ng

RT: 23.168 min Scan# 3414

Delta R.T. -0.005 min

Lab File: BM044077.D

Acq: 14 Feb 2024 11:45

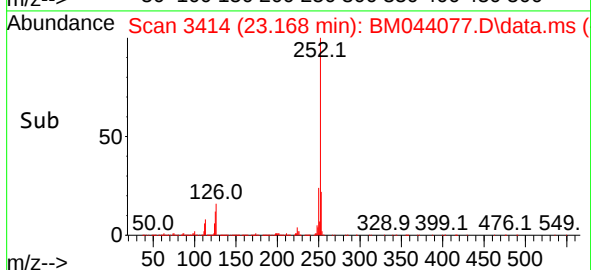
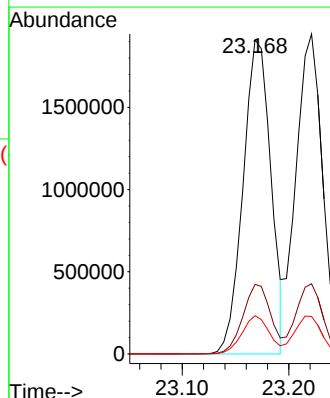
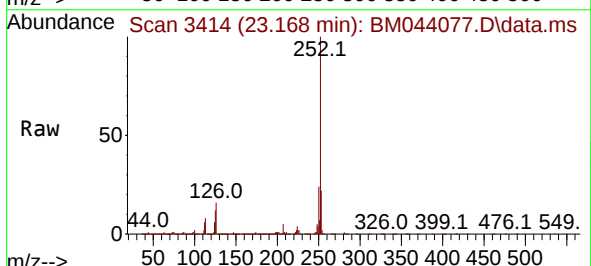
Tgt Ion:252 Resp: 3466538

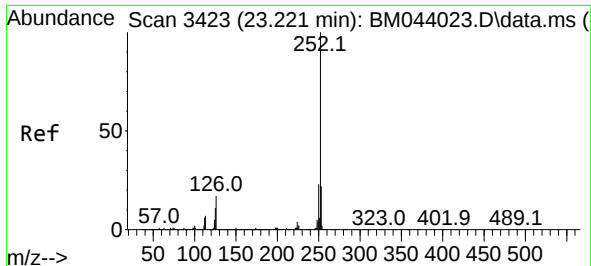
Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 12.2 8.8 13.2

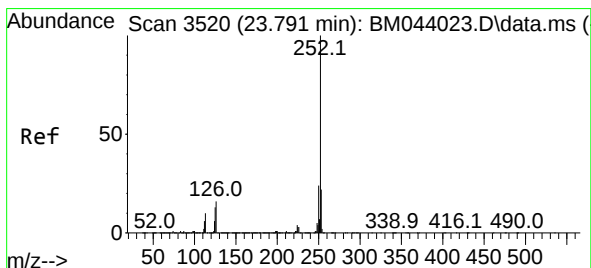
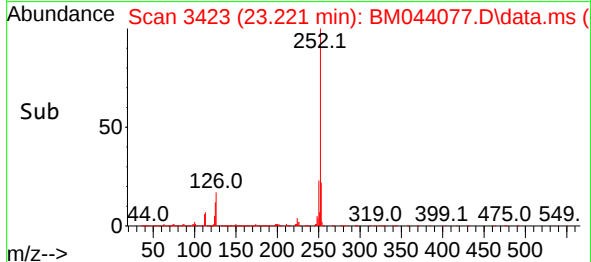
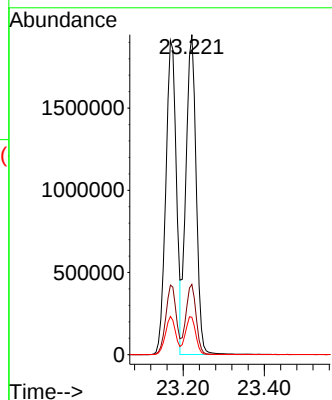
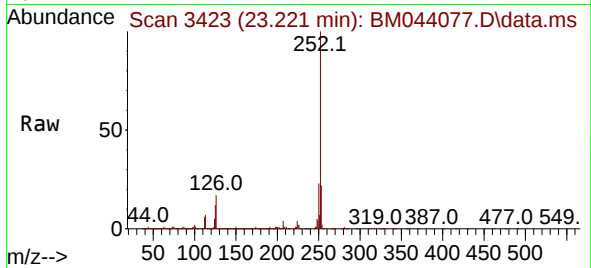




#89
Benzo(k)fluoranthene
Concen: 48.669 ng
RT: 23.221 min Scan# 34
Delta R.T. 0.000 min
Lab File: BM044077.D
Acq: 14 Feb 2024 11:45

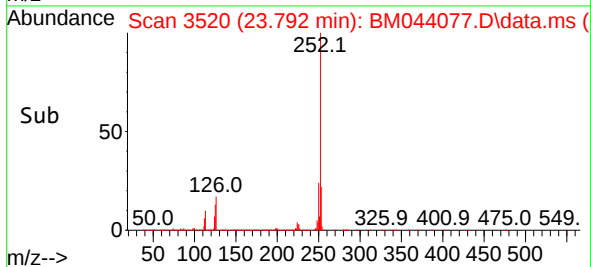
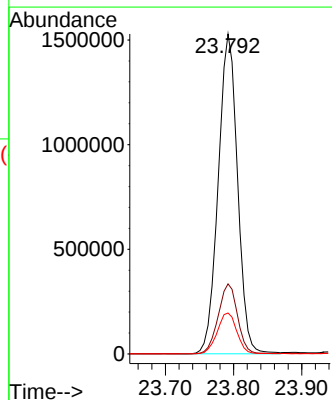
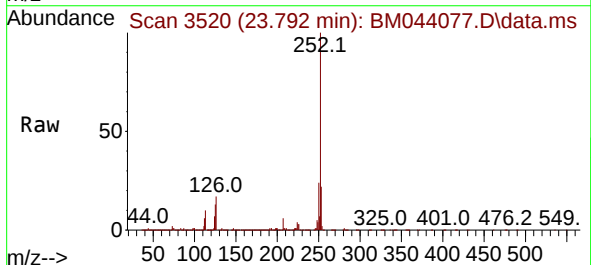
Instrument :
BNA_M
ClientSampleId :
PB158983BS

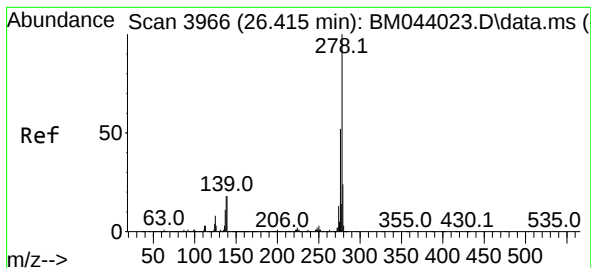
Tgt Ion:252 Resp: 3410688
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 11.7 9.0 13.4



#90
Benzo(a)pyrene
Concen: 46.806 ng
RT: 23.792 min Scan# 3520
Delta R.T. 0.000 min
Lab File: BM044077.D
Acq: 14 Feb 2024 11:45

Tgt Ion:252 Resp: 3015151
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 12.8 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 45.625 ng

RT: 26.409 min Scan# 3966

Delta R.T. -0.005 min

Lab File: BM044077.D

Acq: 14 Feb 2024 11:45

Instrument :

BNA_M

ClientSampleId :

PB158983BS

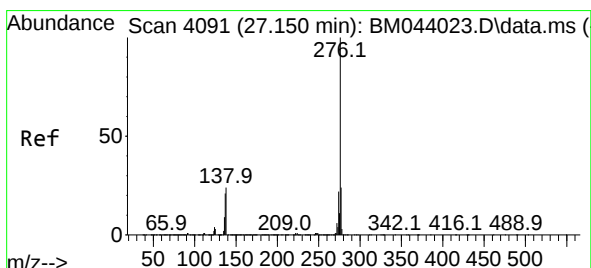
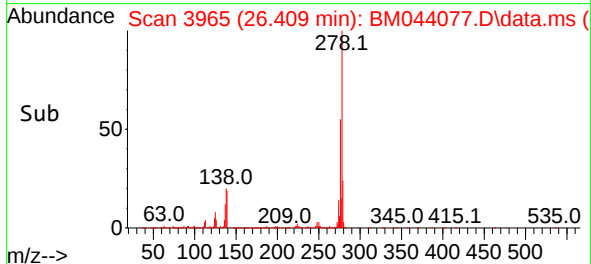
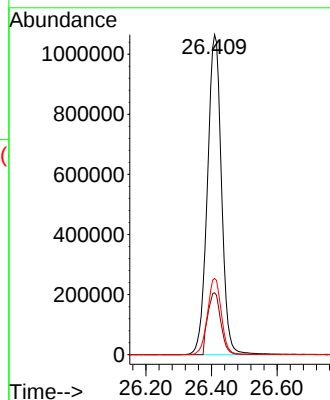
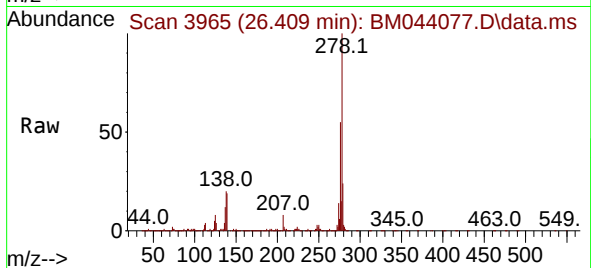
Tgt Ion:278 Resp: 3186685

Ion Ratio Lower Upper

278 100

139 19.4 14.5 21.7

279 23.8 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 43.565 ng

RT: 27.145 min Scan# 4090

Delta R.T. -0.005 min

Lab File: BM044077.D

Acq: 14 Feb 2024 11:45

Tgt Ion:276 Resp: 3085940

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.4

138 25.8 19.1 28.7

